APOPKA DEVELOPMENT REVIEW COMMITTEE AGENDA

May 27, 2026 9:00 AM

Apopka City Hall Commission Chambers

PUBLIC COMMENT PERIOD

SPECIAL EVENTS

1. **E-26-5 Apopka Juneteenth Parade - Beginning at 519 South Central Avenue and Ending at 225 M A Board Street - June 20th 2026, 2:00pm - 7:00pm**
   Owner(s): Transform Outreach Inc
   Applicant(s): Keyomi Jones
   Location: Beginning at 519 South Central Avenue, South on Central Avenue, Turn Right onto 10th Street, Turn Right onto Marvin Zanders, Turn left onto M A Board Street and Ending at 225 M A Board Street
   Proposed Use: Parade/Procession/March
   Project Manager: Carolyn Ray

PLAT

1. **PL-25-8 - Eden Crest Phase 2 - Plat Application (PL), (2nd Submittal)**
   Owner(s): Apopka Project I LLC
   Applicant(s): Appian Engineering LLC - Ovidio Sanchez
   Location: 2022 Johns Rd, 2150 Johns Road, 2158 Johns Road, 2156 Johns Road, 2166 Johns Road, 2182 Johns Road, Johns Road, 885 S Binion Road, 701 S Binion Road, 875 S Binion Road
   Proposed Use: 1115 Lot Subdivision
   Project Manager: Amer Hamza

SITE PLAN:

MAJOR DEVELOPMENT PLAN

1. **MDP-26-3 - Revised Cold Link Apopka MDP - Major Development Plan (MDP), 1st Submittal**
   Owner(s): MG88 Central Florida Cold Storage II LLC
   Applicant(s): Kimley-Horn - Joshua Enot
   Location: 2560 W Orange Blossom Trail
   Proposed Use: Construct 168,180 sq ft Building
   Project Manager: Amer Hamza

SUBDIVISION PLAN

1. **CSP-26-21 - Chandler Row CSP Amendment - Construction Site Plan (CSP), (1st Submittal)**
   Owner(s): MRP HNHB LLC
   Applicant(s): Kiley-Horn and Associates Inc. - Brian Ashby
   Location: 4648 Chandler Road
   Proposed Use: 240 Unit Attached Single Family (townhomes)
   Project Manager: Bobby Howell, AICP
   Presented by: Bobby Howell, Planning Manager

DISCUSSION

ADJOURNMENT

Individuals with disabilities needing assistance to participate in any of these proceedings should contact the City Clerk at least two (2) working days in advance of the meeting date and time at (407) 703-1704. F.S. 286.0105 If a person decides to appeal any decision or recommendation made by Council with respect to any matter considered at this meeting, he will need record of the proceedings, and that for such purposes he may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

Any opening invocation that is offered before the official start of the Council meeting shall be the voluntary offering of a private person, to and for the benefit of the Council. The views or beliefs expressed by the invocation speaker have not been previously reviewed or approved by the City Council or the city staff, and the City is not allowed by law to endorse the religious or non-religious beliefs or views of such speaker. Persons in attendance at the City Council meeting are invited to stand during the opening ceremony. However, such invitation shall not be construed as a demand, order, or any other type of command. No person in attendance at the meeting shall be required to participate in any opening invocation that is offered or to participate in the Pledge of Allegiance. You may remain seated within the City Council Chambers or exit the City Council Chambers and return upon completion of the opening invocation and/or Pledge of Allegiance if you do not wish to participate in or witness the opening invocation and/or the recitation of the Pledge of Allegiance.

City of Apopka, FL

May 14, 2026

Record No: E-26-5

Apopka Special Event Permit

Status: Active

Submitted On: 5/7/2026

Primary Location

No location

Owner

No owner information

Applicant

Keyomi Jones

[redacted]

Special Event Permit Application

Visit City of Apopka Events Page to learn more about what is happening in the City.

Name of the Event*

Apopka Juneteenth

Event Date*

06/20/2026

Type of Event*

Parade/Procession/ March

Facility or Location*

Alonzo Williams Park

Additional event details*

Community festival and parade

- **Start:** VFW
- Travel south on Central Ave
- Turn right onto 10th St (west)
- Turn right onto Marvin Zanders (north)
- Turn left onto MA Board (west)
- **Finish:** Alonzo Williams Park

Event Applicant

A completed Special Event Permit application is required for all events with the City of Apopka. All events will be reviewed by our Development Review Committee for approval. The City of Apopka has the exclusive right to permit or deny an individual or organization facility use.

Once we have the complete special event application we will schedule for review and approval. Please note this may take time, as we suggest that all applications submitted at least 60 days prior to the event. Incomplete applications will not be reviewed.

Organization Name*

Transform Outreach Inc

Organization Address*

624 Exexutive Park Court Apopka, FL 32703 Unit 1016 STE E

Contact Person's Email*

[redacted]

Is your organization a Non-Profit (501 c3) or Tax Exempt Organization?*

Yes

Dates & Times

Event Start Date*

06/20/2026

Event End Date*

6/20/2026

Is your event multiple days?*

No

Event Time (Start & End Time)*

2pm-7pm

Load in date

06/20/2026

Load in Time

12:30

Load out Date

06/20/2026

Load out time*

7:30 pm

Expected Attendance*

500

Event Details

Does your event include food concession? Please list the food concessionaire*

Will there be food food trucks?*

Yes

Will you be bringing in portable toilets?

–

Event Cleanup Plan: Promoters are responsible for cleaning up the site area and surrounding areas. Trash cans will be available for use. Large events (over 1,000 people) will require a cleaning company company onsite for their event.

Please provide the name of the cleaning company and how many staff will be on site for the duration of your event.

Volunteers- 12 people

Will your event include tents?

Yes

Please indicate the size of tents (10x20 or large require additional permits)

10x10

Will you be serving alcohol at your event?*

No

Does your event require a road closure?*

Yes

Time of road Closure

1:00pm

Will you be hiring private security?*

No

Acknowledgements

INDEMNIFICATION AND HOLD HARMLESS AGREEMENT Renter/Applicant/Event Organizer/Organization agrees to waive, release and agrees to indemnify and hold harmless the City of Apopka its officers, agents, employees or any other person for any claim, demand, liability, costs, suits, charges or compensation for loss or injury of any kind arising out of a loss or bodily injury, including death at any time resulting therefrom, sustained by any person or persons, or on account of damage to property arising out of or in consequence of this agreement, in whole or in part, whether such injuries to persons or damage to property are due or claim to be due to any passive negligence of, or arising from, the negligence of the City of Apopka, its employees or agents, or any other person, including attorneys' fees, by reason of the liability imposed by law upon the City of Apopka except in case of the City of Apopka's sole negligence, for damage because of bodily injury, including death at any time resulting therefrom, sustained by any person or persons, or on account of damage to property arising out of or in consequence of this agreement, in whole or in part, whether such injuries to persons or damage to property are due or claim to be due to any passive negligence of its employees or agents or any other person. It is further understood and agreed that Renter/Applicant/Event Organizer/Organization shall, at the option of the City of Apopka, defend the City of Apopka with appropriate counsel and shall further bear all costs and expenses, including the expense of counsel, in the defense of any suit arising hereunder. This Waiver, Release and Hold Harmless/Indemnification Agreement is in consideration of the City of Apopka permitting the Renter/Applicant/Event Organizer/Organization to utilize property and/or facilities owned by the City of Apopka. Nothing herein shall be construed to extend the City of Apopka's liability beyond that provided in section 768.28, Florida Statutes. This agreement shall be governed by the laws of the State of Florida,

and venue shall lie exclusively in Orange County, Florida.*

☑

Insurance Requirements for Events

The acknowledges below indicates receipt of the Policy and Procedures for events that has been attached at the end of this document. *

☑

Applicant covenants and agrees that it will indemnify and hold harmless the City and all of the City's officer's, agents, and employees from claim, loss, damage, costs, charge or expense arising out of any act, action, neglect or omission by applicant during the performance of the event, whether direct, or indirect, and whether to any person or property to which the City of said parties may be subject.*

☑

The acknowledgement below indicates receipt of the Policy and Procedures for events that has been attached at the end of this document. *

☑

Curfew Policy Acknowledgment: I understand and agree that events must end by 8:00 PM (Sun–Thu) and 10:00 PM (Fri–Sat), and that exceeding curfew may result in deposit forfeiture and/or fees ($500 for 5–30 minutes over, $500+ for 30+ minutes over).*

☑

Applicant Signature*

Keyomi Jones
May 4, 2026

Date*

05/04/2026

SPECIAL EVENT INSURANCE REQUIREMENTS

INSURANCE REQUIREMENTS Before activity setup or any other site activity begins, the Renter/Applicant/Event Organizer/Organization must provide a Certificate of Insurance (including all required endorsements) to the City's Risk Management Division. All insurance policies must remain in effect from load-in through completion of load-out. The required limits may be satisfied through a combination of primary and excess/umbrella liability policies. Commercial General Liability Minimum limits: $1,000,000 Each Occurrence $2,000,000 General Aggregate Coverage must include: Premises and Operations Products and Completed Operations Contractual Liability Personal and Advertising Injury Damage to Rented Premises Sexual Abuse and Molestation Liability (if applicable) Spectator Liability (if applicable) Assault and Battery (if applicable) If alcohol is served: Liquor Liability $1,000,000 per occurrence Host Liquor acceptable only if alcohol is served free of charge Automobile Liability Applies to owned, hired, and non-owned autos. $300,000 Combined Single Limit (personal vehicles) $1,000,000 Combined Single Limit (commercial vehicles, food trucks, CMVs) Workers' Compensation Statutory compliance with: $1,000,000 Each Accident $1,000,000 Disease – Policy Limit $1,000,000 Disease – Each Employee Proof of exemption required if applicable. Additional Requirements All insurance policies shall: Name the City of Apopka as Additional Insured (except Workers' Compensation). Provide Waiver of Subrogation in favor of the City on all lines. Be Primary and Non-Contributory. Provide 30 days written notice of cancellation. Be issued by carriers rated A- VIII or better by A.M. Best. Include copies of all endorsement pages and form list schedules. Be subject to approval by the City. The insurance requirements set forth herein shall not be construed to limit or reduce the indemnification obligations of the Renter/Applicant/Event Organizer/Organization. Nothing herein shall be construed to extend the City's liability beyond that provided in §768.28, Florida Statutes. The original insurance certificates,

and all requested extensions to the insurance certificate, shall be sent to: City of Apopka 120 East Main Street Apopka, Florida 32703 Renter/Applicant/Event Organizer/Organization is solely responsible for all applicable policy premiums, deductibles, and/or self-insured retention attached to any required coverages. Said insurance coverages procured by Renter/Applicant/Event Organizer/Organization as required herein, including but not limited to any excess and/or umbrella coverages, shall be considered, and Renter/Applicant/Event Organizer/Organization agrees that said insurance coverages it procures as required herein shall be considered, as primary insurance over and above any other insurance, or self–insurance, available to the City, and that any other insurance, or self-insurance available to the City shall be considered secondary to, or in excess of, the insurance coverage(s) procured by Renter/Applicant/ Event Organizer/Organization, as required herein. Renter/Applicant/Event Organizer/Organization shall require and verify that all subcontractors, including but not limited to concessionaires, vendors, exhibitors, event security firm(s), concert technical and/or production firm(s), and entertainers, maintain insurance meeting all of the requirements stated herein, and include the City of Apopka as an additional insured. Furthermore, the insurance policy held by the Renter/Applicant/Event Organizer/Organization shall have no endorsement(s) restricting, limiting or excluding the subcontractors or work on behalf of the Renter/Applicant/Event Organizer/Organization by a subcontractor. Upon written request, the Renter/Applicant/ Event Organizer/Organization shall provide copies of documentation that verifies the additional insured status of the City of Apopka from these subcontractors. The Renter/Applicant/Event Organizer/Organization shall remain fully liable and responsible for the performance and compliance of all contracted work, regardless of whether the work was performed in full or in part by a subcontractor. The subcontracting of any part of this Agreement shall not relieve the Renter/Applicant/Event Organizer/Organization from any liability or

obligation under the Agreement, and the acts, errors, or omissions of the Renter/Applicant/Event Organizer/Organization's subcontractors shall be deemed to be the acts, errors, or omissions of the Renter/Applicant/Event Organizer/Organization. The insurance requirements set forth herein shall not be construed to limit or reduce the indemnification obligations of the Renter/Applicant/Event Organizer/Organization.

☑

EDEN CREST PHASE 2

A PARCEL OF LAND LYING IN SECTIONS 7, 8 & 18, TOWNSHIP 21 SOUTH, RANGE 28 EAST,
CITY OF APOPKA, ORANGE COUNTY, FLORIDA

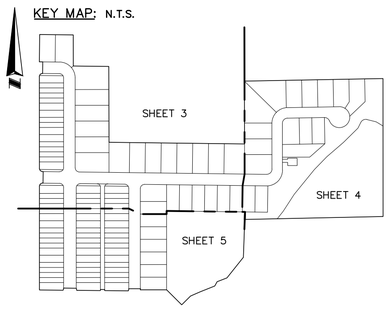
LEGAL DESCRIPTION:

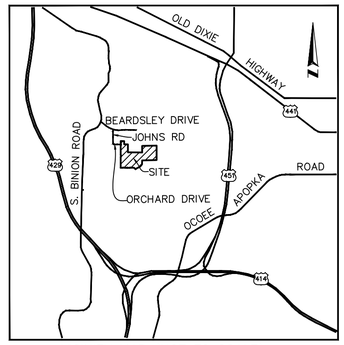
A PARCEL OF LAND LYING IN SECTIONS 7, 8 AND 18, TOWNSHIP 21 SOUTH, RANGE 28 EAST, ORANGE COUNTY, FLORIDA. MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGIN AT THE NORTHEAST CORNER OF LOT 48, EDEN CREST PHASE 1 ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 117, PAGES 141 THROUGH 148 OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA AND LYING ON THE SOUTHERLY LINE OF MAUDEHELEN SUBDIVISION PHASE 2, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 70, PAGES 50 THROUGH 52, OF SAID PUBLIC RECORDS: THENCE RUN ALONG SAID SOUTHERLY LINE THE FOLLOWING BEARING AND DISTANCES: SOUTH 89° 22' 06" EAST FOR A DISTANCE OF 159.62 FEET; THENCE RUN SOUTH 00° 07' 50" EAST FOR A DISTANCE OF 148.07 FEET; THENCE RUN SOUTH 89° 14' 20" EAST FOR A DISTANCE OF 168.78 FEET; THENCE RUN SOUTH 00° 07' 50" EAST A DISTANCE OF 360.68 FEET; THENCE RUN SOUTH 89° 17' 38" EAST FOR A DISTANCE OF 645.04 FEET; THENCE RUN NORTH 00° 08' 12" WEST FOR A DISTANCE OF 299.05 FEET; THENCE RUN NORTH 88° 56' 54" EAST FOR A DISTANCE OF 659.16 FEET TO THE WESTERLY LINE OF MAUDEHELEN SUBDIVISION PHASE 1, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 64, PAGES 83 THROUGH 86 OF SAID PUBLIC RECORDS; THENCE RUN SOUTH 00° 01' 51" EAST ALONG SAID WESTERLY LINE FOR A DISTANCE OF 656.33 FEET TO THE SOUTH LINE OF THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SAID SECTION 8; THENCE RUN SOUTH 88° 47' 33" WEST ALONG SAID SOUTH LINE FOR A DISTANCE OF 657.98 FEET TO THE NORTHEAST CORNER OF SAID SECTION 18; THENCE RUN SOUTH 02° 03' 11" WEST ALONG THE EAST LINE OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SAID SECTION 18 FOR A DISTANCE OF 179.97 FEET TO NORTHEAST CORNER OF AFORESAID EDEN CREST PHASE 1; THENCE RUN THE FOLLOWING BEARINGS AND DISTANCES ALONG THE NORTHERLY LINE OF SAID EDEN CREST PHASE 1: SOUTH 38° 32' 43" WEST FOR A DISTANCE OF 125.55 FEET; THENCE RUN SOUTH 69° 01' 48" WEST FOR A DISTANCE OF 49.89 FEET; THENCE RUN SOUTH 29° 04' 54" WEST FOR A DISTANCE OF 23.44 FEET; THENCE RUN SOUTH 68° 06' 06" WEST FOR A DISTANCE OF 74.56 FEET; THENCE RUN SOUTH 66° 19' 13" WEST FOR A DISTANCE OF 49.92 FEET; THENCE RUN SOUTH 45° 24' 56" WEST FOR A DISTANCE OF 59.60 FEET; THENCE RUN NORTH 45° 00' 55" WEST FOR A DISTANCE OF 101.22 FEET; THENCE RUN SOUTH 89° 59' 21" WEST FOR A DISTANCE OF 125.18 FEET TO A POINT ON A NON TANGENT CURVE, CONCAVE WESTERLY HAVING A RADIUS OF 75.00 FEET, WITH A CHORD BEARING OF NORTH 01° 59' 23" EAST, AND A CHORD DISTANCE OF 5.24 FEET; THENCE RUN NORTHEASTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 04° 00' 04" FOR A DISTANCE OF 5.24 FEET TO A NON TANGENT LINE; THENCE RUN SOUTH 89° 59' 21" WEST FOR A DISTANCE OF 55.00 FEET TO A POINT ON A NON TANGENT CURVE, CONCAVE NORTHWESTERLY HAVING A RADIUS OF 20.00 FEET, WITH A CHORD BEARING OF SOUTH 15° 15' 55" WEST, AND A CHORD DISTANCE OF 10.54 FEET; THENCE RUN SOUTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 30° 33' 08" FOR A DISTANCE OF 10.66 FEET TO A NON TANGENT LINE; THENCE RUN NORTH 89° 27' 30" WEST FOR A DISTANCE OF 111.42 FEET TO A POINT ON A NON TANGENT CURVE, CONCAVE EASTERLY HAVING A RADIUS OF 15.00 FEET, WITH A CHORD BEARING OF NORTH 09° 28' 13" WEST, AND A CHORD DISTANCE OF 4.93 FEET; THENCE RUN NORTHERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 18° 55' 08" FOR A DISTANCE OF 4.95 FEET TO A POINT ON A NON TANGENT LINE; THENCE RUN NORTH 88° 37' 48" WEST FOR A DISTANCE OF 20.01 FEET TO A POINT ON A NON TANGENT CURVE, CONCAVE WESTERLY HAVING A RADIUS OF 15.00 FEET, WITH A CHORD BEARING OF SOUTH 10° 00' 04" WEST, AND A CHORD DISTANCE OF 5.22 FEET; THENCE RUN SOUTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 20° 01' 25" FOR A DISTANCE OF 5.24 FEET TO A NON TANGENT LINE; THENCE RUN NORTH 89° 27' 30" WEST FOR A DISTANCE OF 111.51 FEET TO A POINT ON A NON TANGENT CURVE, CONCAVE EASTERLY HAVING A RADIUS OF 20.00 FEET, WITH A CHORD BEARING OF NORTH 14° 44' 05" WEST, AND A CHORD DISTANCE OF 10.17 FEET; THENCE RUN NORTHERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 29° 26' 52" FOR A DISTANCE OF 10.28 FEET TO A NON TANGENT LINE; THENCE RUN NORTH 89° 05' 25" WEST FOR A DISTANCE OF 60.01 FEET TO A POINT ON A NON TANGENT CURVE, CONCAVE WESTERLY HAVING A RADIUS OF 20.00 FEET, WITH A CHORD BEARING OF SOUTH 15° 15' 55" WEST, AND A CHORD DISTANCE OF 10.54 FEET; THENCE RUN SOUTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 30° 33' 08" FOR A DISTANCE OF 10.66 FEET TO A NON TANGENT LINE; THENCE RUN NORTH 89° 27' 30" WEST FOR A DISTANCE OF 111.42 FEET TO A POINT ON A NON TANGENT CURVE, CONCAVE EASTERLY HAVING A RADIUS OF 15.00 FEET, WITH A CHORD BEARING OF NORTH 09° 28' 13" WEST, AND A CHORD DISTANCE OF 4.93 FEET; THENCE RUN NORTHERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 18° 55' 08" FOR A DISTANCE OF 4.95 FEET TO A POINT ON THE EASTERLY LINE OF SAID EDEN CREST PHASE 1 AND THE POINT OF TANGENCY; THENCE RUN THE FOLLOWING BEARINGS AND DISTANCES ALONG SAID EASTERLY LINE: NORTH 00° 00' 39" WEST FOR A DISTANCE OF 488.39 FEET TO THE POINT OF CURVATURE OF A CURVE, CONCAVE SOUTHEASTERLY HAVING A RADIUS OF 15.00 FEET, WITH A CHORD BEARING OF NORTH 45° 20' 54" EAST, AND A CHORD DISTANCE OF 21.35 FEET; THENCE RUN NORTHEASTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 90° 42' 57" FOR A DISTANCE OF 23.75 FEET TO A POINT OF TANGENCY; THENCE RUN SOUTH 89° 17' 38" EAST FOR A DISTANCE OF 2.07 FEET; THENCE RUN NORTH 00° 42' 22" EAST FOR A DISTANCE OF 55.00 FEET; THENCE RUN NORTH 89° 17' 38" WEST FOR A DISTANCE OF 3.13 FEET TO THE POINT OF CURVATURE OF A CURVE, CONCAVE NORTHEASTERLY HAVING A RADIUS OF 15.00 FEET, WITH A CHORD BEARING OF NORTH 44° 39' 08" WEST, AND A CHORD DISTANCE OF 21.08 FEET; THENCE RUN NORTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 89° 16' 59" FOR A DISTANCE OF 23.37 FEET TO A POINT OF TANGENCY; THENCE RUN NORTH 00° 00' 39" WEST FOR A DISTANCE OF 436.83 FEET TO THE POINT OF CURVATURE OF A CURVE, CONCAVE SOUTHEASTERLY HAVING A RADIUS OF 15.00 FEET, WITH A CHORD BEARING OF NORTH 45° 18' 38" EAST, AND A CHORD DISTANCE OF 21.33 FEET; THENCE RUN NORTHEASTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 90° 38' 33" FOR A DISTANCE OF 23.73 FEET TO A NON TANGENT LINE; THENCE RUN NORTH 00° 37' 54" EAST FOR A DISTANCE OF 55.00 FEET; THENCE RUN NORTH 89° 22' 06" WEST FOR A DISTANCE OF 15.81 FEET; THENCE RUN NORTH 00° 37' 54" EAST FOR A DISTANCE OF 130.00 FEET TO THE **POINT OF BEGINNING.**

CONTAINING 28.70 ACRES, MORE OR LESS.

KEY MAP: N.T.S.





VICINITY MAP (NOT TO SCALE)

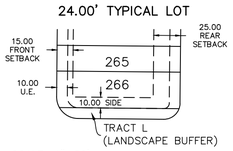
SURVEYOR'S NOTES:

1. BEARINGS SHOWN HEREON ARE ASSUMED AND BASED ON THE SOUTH LINE OF SECTION 7, TOWNSHIP 21 SOUTH, RANGE 28 EAST, BEING NORTH 89°13'08" WEST (FOR ANGULAR DESIGNATION ONLY).
2. ALL LOT LINES INTERSECTING CURVES ARE RADIAL, UNLESS OTHERWISE NOTED NON-RADIAL (N.R.).
3. ALL PLATTED UTILITY EASEMENTS SHALL ALSO BE EASEMENTS FOR THE CONSTRUCTION, INSTALLATION, MAINTENANCE, AND OPERATION OF CABLE TELEVISION AND DATA SERVICES; PROVIDED, HOWEVER, NO SUCH CONSTRUCTION, INSTALLATION, MAINTENANCE, AND OPERATION OF CABLE TELEVISION SERVICES SHALL INTERFERE WITH THE FACILITIES AND SERVICES OF AN ELECTRIC, TELEPHONE, GAS, OR OTHER PUBLIC UTILITY. IN THE EVENT A CABLE TELEVISION COMPANY DAMAGES THE FACILITIES OF A PUBLIC UTILITY, IT SHALL BE SOLELY RESPONSIBLE FOR THE DAMAGES. THIS SECTION SHALL NOT APPLY TO THOSE PRIVATE EASEMENTS GRANTED TO OR OBTAINED BY A PARTICULAR ELECTRIC, TELEPHONE, GAS, OR OTHER PUBLIC UTILITY. SUCH CONSTRUCTION, INSTALLATION, MAINTENANCE, AND OPERATION SHALL COMPLY WITH THE NATIONAL ELECTRICAL SAFETY CODE AS ADOPTED BY THE FLORIDA PUBLIC SERVICE COMMISSION.
4. TRACT E IS A STORMWATER TRACT AND SHALL BE OWNED AND MAINTAINED BY THE EDEN CREST HOMEOWNERS ASSOCIATION, INC, (THE ASSOCIATION). AN EMERGENCY ACCESS EASEMENT TO THE PRIVATE STORM DRAINAGE SYSTEM OVER SAID STORMWATER TRACT IS HEREBY DEDICATED TO THE CITY OF APOPKA FOR EMERGENCY MAINTENANCE PURPOSES IN THE EVENT INADEQUATE MAINTENANCE OF THE STORM DRAINAGE SYSTEM CREATES A HAZARD TO THE PUBLIC HEALTH, SAFETY, AND GENERAL WELFARE. THE EMERGENCY ACCESS EASEMENT GRANTED ABOVE DOES NOT IMPOSE ANY OBLIGATION, BURDEN, RESPONSIBILITY OR LIABILITY UPON THE CITY OF APOPKA TO ENTER UPON THE SUBJECT PROPERTY AND TAKE ANY ACTION TO REPAIR OR MAINTAIN THE PRIVATE DRAINAGE SYSTEM. A NON-EXCLUSIVE EASEMENT THROUGH, OVER, UNDER AND ACROSS THE COMMON AREA AND ALL NOTED UTILITY EASEMENTS IS HEREBY DEDICATED FOR USE BY ALL PUBLIC UTILITIES FOR THE PURPOSE OF CONSTRUCTING, MAINTAINING AND REPLACING THEIR RESPECTIVE FACILITIES SERVICING THE LANDS ENCOMPASSED BY THIS PLAT.
5. TRACTS N, O, P, S, AND T (LANDSCAPE BUFFER) SHALL BE OWNED AND MAINTAINED BY THE ASSOCIATION.
6. TRACT DD (OPEN SPACE) SHALL BE OWNED AND MAINTAINED BY THE ASSOCIATION.
7. TRACT GG (LIFT STATION) SHALL BE OWNED AND MAINTAINED BY THE CITY OF APOPKA.
8. TRACT HH (CONSERVATION) AND UPLAND BUFFER SHALL BE OWNED BY THE ASSOCIATION WITH DEVELOPMENTS RIGHTS DEDICATED TO THE CITY OF APOPKA, FLORIDA. NO CONSTRUCTION, CLEARING, GRADING OR ALTERATION OF TRACT HH IS ALLOWED UNLESS APPROVED BY THE CITY OF APOPKA AND THE OTHER APPLICABLE JURISDICTIONAL AGENCIES.
9. TRACT PP (PRIVATE ALLEY) SHALL BE OWNED AND MAINTAINED BY THE ASSOCIATION.
10. A NON-EXCLUSIVE EASEMENT THROUGH, OVER, UNDER AND ACROSS TRACT A AND ALL UTILITY EASEMENTS SHOWN HEREON IS HEREBY DEDICATED FOR THE USE BY ALL PUBLIC UTILITIES FOR THE PURPOSE OF CONSTRUCTION, MAINTAINING AND REPLACING THEIR RESPECTIVE FACILITIES SERVICING THE LANDS ENCOMPASSED BY THIS PLAT.
11. THE WALL/MAINTENANCE EASEMENT (W.M.E.) SHOWN HEREON IS DEDICATED TO AND MAINTAINED BY THE CITY OF APOPKA.
12. SEPARATE MORTGAGEE CONSENT AND JOINDERS TO THE PLAT HAVE BEEN EXECUTED BY THE PARTIES THAT, AT TIME OF RECORDING, ARE THE MORTGAGEES OF THE LANDS SHOWN HEREON AND MAY BE FOUND IN THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.

SYMBOL AND ABBREVIATION LEGEND:

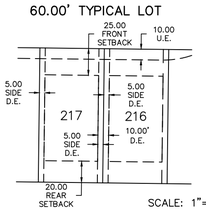
℄	CENTER LINE
P.I.	POINT OF INTERSECTION
P.C.	POINT OF CURVATURE
R.P.	RADIAL POINT
P.T.	POINT OF TANGENCY
N.T.	NON-TANGENT
(OA)	OVERALL LENGTH
N.R.	NON-RADIAL
U.E.	UTILITY EASEMENT
D.E.	DRAINAGE EASEMENT
P.S.M.	PROFESSIONAL SURVEYOR AND MAPPER
LB	LICENSED BUSINESS
P.B.	PLAT BOOK
PG(S).	PAGE(S)
N.T.S.	NOT TO SCALE
TYP.	TYPICAL
W.M.E.	WALL MAINTENANCE EASEMENT
CCR	CERTIFIED CORNER RECORD RECOVERED MONUMENT (SEE DRAWING FOR DESCRIPTION)
■	SET 4"x4" CONCRETE MONUMENT LB #8627 PERMANENT REFERENCE MONUMENT (PRM) OR WITNESS LB #8627 (PRM) AS NOTED
⊡	RECOVERED 4"x4" CONCRETE MONUMENT LB #6723 PERMANENT REFERENCE MONUMENT (PRM) OR AS NOTED
◉	SET NAIL & DISK LB #8627 PERMANENT CONTROL POINT (PCP)
o	FOUND RAILROAD SPIKE, NO ID

24.00' TYPICAL LOT



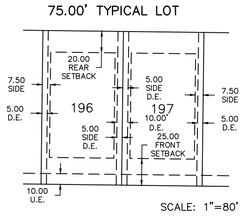
SCALE: 1"=80'

60.00' TYPICAL LOT



SCALE: 1"=80'

75.00' TYPICAL LOT



SCALE: 1"=80'

ALLEN & COMPANY
Founded in 1988
SURVEYING • MAPPING
GEOSPATIAL SERVICES
www.allen-company.com
340 E CROWN POINT ROAD
WINTER GARDEN, FLORIDA 34787
(407) 654-5355 LB #8627

SHEET INDEX

SHEET 1 OF 5 – LEGAL DESCRIPTION, NOTES, LEGEND & DEDICATION
SHEET 2 OF 5 – BOUNDARY GEOMETRY
SHEET 3-5 OF 5 – TRACT AND LOT GEOMETRY

CERTIFICATE OF REVIEW BY REVIEWING SURVEYOR

Pursuant to Section 177.081, Florida Statutes, I have reviewed this plat for conformity to Chapter 177 Part 1 of the Florida Statutes and that said plat complies with the technical requirements of that chapter; provided however, that my review does not include field verification of any of the coordinates, points or measurements shown on this plat.

Signed:_____ Date_____

Printed Name: Edwin Munoz, Jr., P.S.M.
Registration Number 7288

NOTICE: THIS PLAT, AS RECORDED IN ITS GRAPHIC FORM, IS THE OFFICIAL DEPICTION OF THE SUBDIVIDED LANDS DESCRIBED HEREIN AND WILL IN NO CIRCUMSTANCES BE SUPPLANTED IN AUTHORITY BY ANY OTHER GRAPHIC OR DIGITAL FORM OF THE PLAT. THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT RECORDED ON THIS PLAT THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

QUALIFICATION STATEMENT OF SURVEYOR AND MAPPER

KNOW ALL MEN BY THESE PRESENTS, THAT I THE UNDERSIGNED, BEING A LICENSED SURVEYOR AND MAPPER, DO HEREBY CERTIFY THAT ON _____ COMPLETED THE SURVEY OF THE LANDS AS SHOWN IN THE FOREGOING PLAT OR PLAN: THAT SAID PLAT IS A TRUE AND CORRECT REPRESENTATION OF THE LANDS SURVEYED AND PLATTED AND WAS PREPARED UNDER MY DIRECTION AND SUPERVISION: THAT PERMANENT REFERENCE MONUMENTS HAVE BEEN PLACED AS SHOWN THEREON; AND THIS PLAT COMPLIES WITH ALL THE SURVEY REQUIREMENTS OF CHAPTER 177, FLORIDA STATURES: AND THAT SAID LAND IS LOCATED IN THE CITY OF APOPKA, ORANGE COUNTY, FLORIDA.

BY: _____ DATE: _____

JAMES L. RICKMAN
P.S.M. #5633
ALLEN & COMPANY
LICENSED BUSINESS #8627
340 E CROWN POINT ROAD, WINTER GARDEN, FLORIDA 34787

PLAT BOOK ___ OF ___

EDEN CREST PHASE 2
DEDICATION

THIS IS TO CERTIFY THAT THE UNDERSIGNED, APOPKA PROJECT 1, LLC, AN DELAWARE LIMITED LIABILITY COMPANY, BEING THE OWNER IN FEE SIMPLE OF ALL OF THE LANDS DESCRIBED IN THE FOREGOING CAPTION TO THIS PLAT, HEREBY DEDICATES SAID LANDS AND PLAT FOR THE USES AND PURPOSES THEREIN EXPRESSED AND DEDICATES THE UTILITY EASEMENTS AND DRAINAGE EASEMENTS TO THE PERPETUAL USE OF THE PUBLIC.

TRACT GG (LIFT STATION) IS HEREBY DEDICATED IN FEE SIMPLE TO CITY OF APOPKA WITHOUT ANY RESTRICTION WHATSOEVER. CITY OWNERSHIP OF THIS TRACT AND ANY IMPROVEMENTS THEREON VESTS UPON APPROVAL OF THIS PLAT BY THE CITY COUNCIL OF APOPKA. RECORDING OF THIS PLAT SHALL ACT AS CONVEYANCE TO THE CITY AND NO FURTHER INSTRUMENTS SHALL BE NECESSARY TO VEST FEE SIMPLE TITLE IN THE CITY AS AFOREMENTIONED.

TRACT A (RIGHT-OF-WAY) IS HEREBY DEDICATED IN FEE SIMPLE TO THE PERPETUAL USE OF THE PUBLIC, WITHOUT ANY RESTRICTIONS WHATSOEVER.

IN WITNESS WHEREOF, APOPKA PROJECT 1, LLC, A DELAWARE LIMITED LIABILITY COMPANY, HAS CAUSED THESE PRESENTS TO BE EXECUTED AND ACKNOWLEDGED BY ITS UNDERSIGNED OFFICER THEREUNTO DULY AUTHORIZED ON THIS _____ DAY OF _____2026.

APOPKA PROJECT 1, LLC, A DELAWARE LIMITED LIABILITY COMPANY

BY: LEGACY 5 MANAGEMENT, LLC, AN OHIO LIMITED LIABILITY COMPANY, ITS SOLE MANAGER

BY: _____

PRINTED NAME: AARON R. MATSON
TITLE: MANAGER

_____
SIGNATURE OF WITNESS

_____
PRINTED NAME OF WITNESS

_____
SIGNATURE OF WITNESS

_____
PRINTED NAME OF WITNESS

STATE OF _____,
COUNTY OF _____ COUNTY

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME, BY MEANS OF [ ] PHYSICAL PRESENCE OR [ ] ONLINE NOTARIZATION, THIS ___ DAY OF _____, 2026, BY AARON R. MATSON, AS MANAGER OF LEGACY 5 MANAGEMENT, LLC, AN OHIO LIMITED LIABILITY COMPANY, AS SOLE MANAGER OF APOPKA PROJECT 1, LLC, A DELAWARE LIMITED LIABILITY COMPANY, FOR AND ON BEHALF OF SAID LIMITED LIABILITY COMPANY. SUCH PERSON [ ] IS PERSONALLY KNOWN TO ME OR [ ] HAS PRODUCED _____ AS IDENTIFICATION.

_____
SIGNATURE OF PERSON TAKING ACKNOWLEDGEMENT

NOTARY PUBLIC

PRINTED NAME: _____

COMMISSION NO: _____

MY COMMISSION EXPIRES: _____

CERTIFICATE OF APPROVAL BY CITY ENGINEER

Examined and Approved _____
Vladimir "Vlad" Simonovski Date

CERTIFICATE OF APPROVAL BY MUNICIPALITY

THIS IS TO CERTIFY, that on_____ the foregoing plat was approved by the Municipality

_____
Nicholas Nesta, Mayor

Attest: _____
Susan M. Bone, City Clerk

CERTIFICATE OF COUNTY COMPTROLLER

I HEREBY CERTIFY, THAT THE FOREGOING PLAT WAS RECORDED IN THE ORANGE COUNTY OFFICIAL RECORDS

ON _____ AS DOCUMENT NO. _____
COUNTY COMPTROLLER IN AND FOR ORANGE COUNTY, FLORIDA.

BY: _____

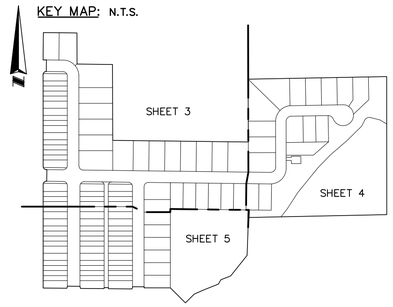
PLAT BOOK ___ OF ___

EDEN CREST PHASE 2

A PARCEL OF LAND LYING IN SECTIONS 7, 8 & 18, TOWNSHIP 21 SOUTH, RANGE 28 EAST,
CITY OF APOPKA, ORANGE COUNTY, FLORIDA

GRAPHIC SCALE 1"=80'
0 80' 160'

KEY MAP: N.T.S.



POINT OF BEGINNING:
NE CORNER, LOT 48

S 89°22'06" E 159.62'

SOUTHERLY LINE MAUDEHELEN SUBDIVISION PHASE 2

N 00°37'54" E 130.00'

S 00°07'50" E 148.07'

S 89°14'20" E 168.78'

S 00°07'50" E 360.68'

S 89°17'38" E 645.04'

N 88°56'54" E 659.16'

N 00°08'12" W 299.05'

S 00°01'51" E 656.33'

S 02°03'11" W 179.97'

N 00°00'39" W 436.83' (TRACT QQ)

N 00°00'39" W 488.39' (TRACT OO)

N 89°13'08" W 2643.57'

S 88°47'33" W 657.98'

S88°47'33"W 2631.92'

1973.94'

N 00°00'39" W 374.99'

S. LINE OF SECTION 7-21-28
N. LINE OF SECTION 18-21-28
(BASIS OF BEARING)

NE CORNER OF SECTION 18-21-28
SE CORNER OF SECTION 7-21-28

SOUTH 1/4 CORNER OF SECTION 7-21-28 FOUND RAILROAD SPIKE NO ID. CCR# 114798

SOUTH LINE OF THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 8-21-28

SOUTH 1/4 CORNER OF SECTION 8-21-28 FOUND 1-1/8" IRON PIPE IN CONCRETE NO IDENTIFICATION CCR#82041

EAST LINE OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 18-21-28

NORTHEAST CORNER OF EDEN CREST PHASE 1

MONUMENT NOT SET FALLS IN WATER

SET WITNESS (PRM)

SET WITNESS (PRM)

WESTERLY LINE MAUDEHELEN SUBDIVISION PHASE 1

MAUDEHELEN SUBDIVISION PHASE 2
PLAT BOOK 70, PAGES 50-52

EDEN CREST PHASE 1
P.B. 117, PGS. 141-148

ORCHARD DRIVE
VARIABLE WIDTH PUBLIC RIGHT-OF-WAY

HIDDEN HARMONY LANE
VARIABLE WIDTH PUBLIC RIGHT-OF-WAY

HIDDEN HARMONY LANE
55.00' WIDE RIGHT-OF-WAY

MYSTIC GARDENS DRIVE
55.00' WIDE PUBLIC RIGHT-OF-WAY

MAJESTIC OVERLOOK ALLEY

SERENITY HILLS ALLEY
20.00' PRIVATE RIGHT-OF-WAY

WILLET AVENUE

EASTERLY LINE OF EDEN CREST PHASE 1

SOUTHERLY LINE MAUDEHELEN SUBDIVISION PHASE 2

NORTHERLY LINE OF EDEN CREST PHASE 1

MAUDEHELEN SUBDIVISION PHASE 1
PLAT BOOK 64, PAGES 83-86

TRACT A
TRACT DD (OPEN SPACE)
TRACT E (STORMWATER)
TRACT GG (LIFT STATION)
TRACT HH (CONSERVATION)
TRACT 12 (STORMWATER)
TRACT 13 (CONSERVATION AREA)
TRACT N (LANDSCAPE BUFFER)
TRACT O (LANDSCAPE BUFFER)
TRACT P (LANDSCAPE BUFFER)
TRACT Q (LANDSCAPE BUFFER)
TRACT R (LANDSCAPE 169 BUFFER)
TRACT S (LANDSCAPE BUFFER)
TRACT T (LANDSCAPE BUFFER)
TRACT U (LANDSCAPE BUFFER)
TRACT 16 OPEN SPACE
TRACT 17 OPEN SPACE
TRACT K (LANDSCAPE BUFFER)
TRACT L (LANDSCAPE BUFFER)
TRACT M (LANDSCAPE BUFFER)
TRACT D (STORMWATER)
TRACT II (CONSERVATION)
TRACT EE

UNPLATTED

LINE TABLE		
LINE	BEARING	LENGTH
L1	S38°32'43"W	125.55'
L2	S69°01'48"W	49.89'
L3	S29°04'54"W	23.44'
L4	S68°06'06"W	74.56'
L5	S66°19'13"W	49.92'
L6	S45°24'56"W	59.60'
L7	N45°00'55"W	101.22'
L8	S89°59'21"W	125.18'
L9	S89°59'21"W	55.00'
L10	N89°27'30"W	111.42'
L11	N88°37'48"W	20.01'
L12	N89°27'30"W	111.51'
L13	N89°05'25"W	60.01'
L14	N89°27'30"W	111.42'
L15	S89°17'38"E	2.07'
L16	N00°42'22"E	55.00'
L17	N89°17'38"W	3.13'
L18	N00°37'54"E	55.00'
L19	N89°22'06"W	15.81'

CURVE TABLE					
CURVE	RADIUS	CHORD BEARING	CHORD	DELTA	LENGTH
C1	75.00'	N01°59'23"E	5.24'	004°00'04"	5.24'
C2	20.00'	S15°15'55"W	10.54'	030°33'08"	10.66'
C3	15.00'	N09°28'13"W	4.93'	018°55'08"	4.95'
C4	15.00'	S10°00'04"W	5.22'	020°01'25"	5.24'
C5	20.00'	N14°44'05"W	10.17'	029°26'52"	10.28'
C6	20.00'	S15°15'55"W	10.54'	030°33'08"	10.66'
C7	15.00'	N09°28'13"W	4.93'	018°55'08"	4.95'
C8	15.00'	N45°20'54"E	21.35'	090°42'57"	23.75'
C9	15.00'	N44°39'08"W	21.08'	089°16'59"	23.37'
C10	15.00'	N45°18'38"E	21.33'	090°38'33"	23.73'

ALLEN & COMPANY
Founded in 1988
SURVEYING • MAPPING
GEOSPATIAL SERVICES
www.allen-company.com
340 E CROWN POINT ROAD
WINTER GARDEN, FLORIDA 34787
(407) 654-5355 LB #8627

SHEET INDEX
SHEET 1 OF 5 – LEGAL DESCRIPTION, NOTES, LEGEND & DEDICATION
SHEET 2 OF 5 – BOUNDARY GEOMETRY
SHEET 3-5 OF 5 – TRACT AND LOT GEOMETRY

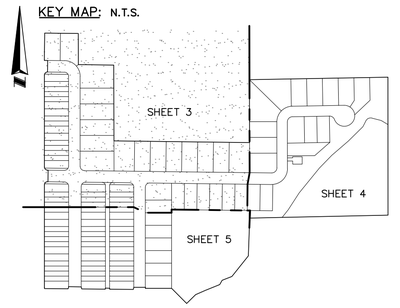
PLAT BOOK ___ OF ___

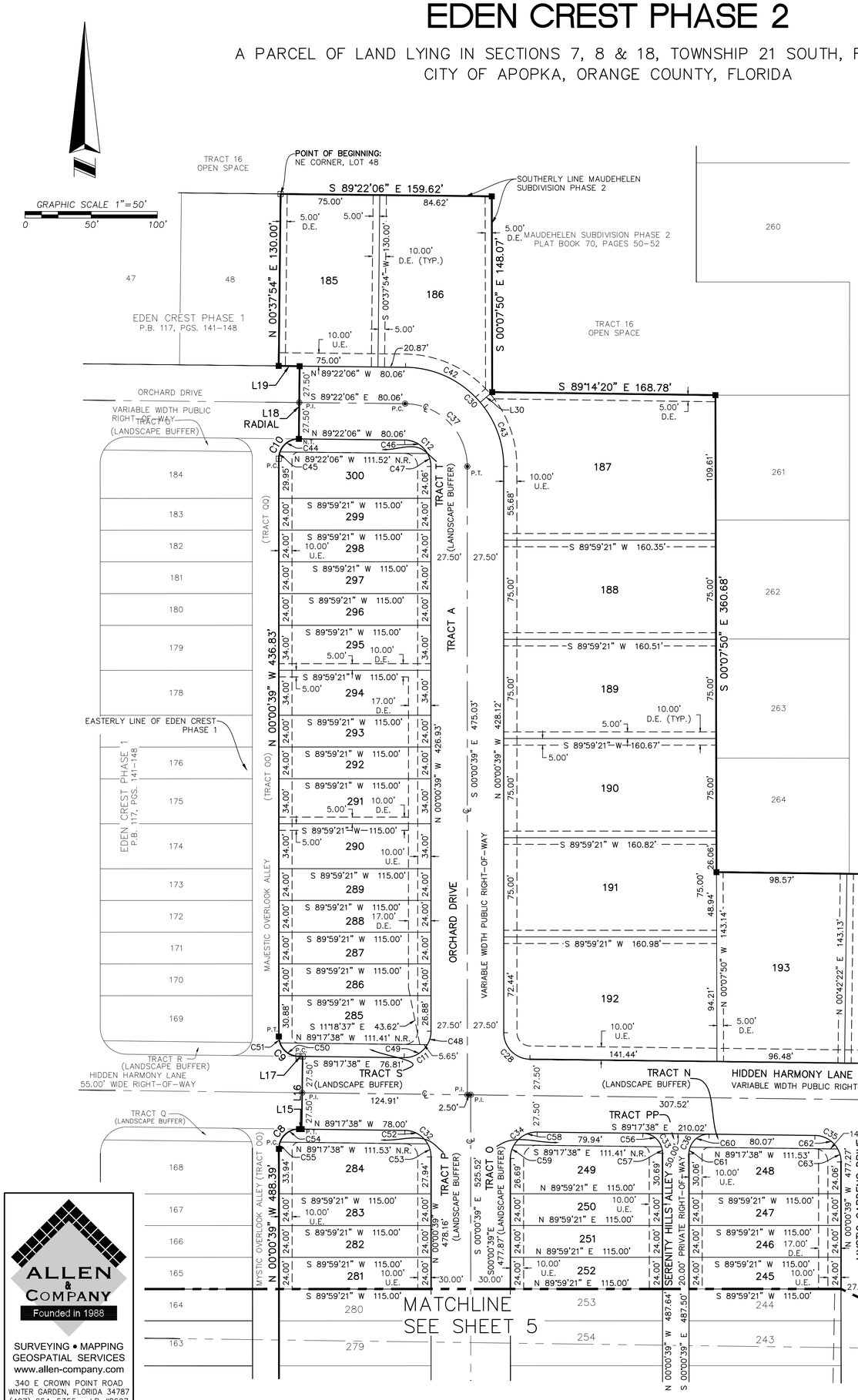
EDEN CREST PHASE 2

A PARCEL OF LAND LYING IN SECTIONS 7, 8 & 18, TOWNSHIP 21 SOUTH, RANGE 28 EAST,
CITY OF APOPKA, ORANGE COUNTY, FLORIDA

SHEET INDEX
SHEET 1 OF 5 – LEGAL DESCRIPTION, NOTES, LEGEND & DEDICATION
SHEET 2 OF 5 – BOUNDARY GEOMETRY
SHEET 3–5 OF 5 – TRACT AND LOT GEOMETRY

KEY MAP: N.T.S.





CURVE TABLE					
CURVE	RADIUS	CHORD BEARING	CHORD	DELTA	LENGTH
C9	15.00'	N44°39'08"W	21.08'	089°16'59"	23.37'
C10	15.00'	N45°18'38"E	21.33'	090°38'33"	23.73'
C11	20.00'	N45°20'52"E	28.46'	090°43'01"	31.67'
C12	20.00'	N44°41'22"W	28.13'	089°21'27"	31.19'
C15	20.00'	N45°20'52"E	28.46'	090°43'01"	31.67'
C28	20.00'	N44°39'08"W	28.11'	089°16'59"	31.17'
C30	75.00'	N44°41'22"W	105.47'	089°21'27"	116.97'
C32	20.00'	N44°39'08"W	28.11'	089°16'59"	31.17'
C33	15.00'	N44°39'08"W	21.08'	089°16'59"	23.37'
C34	20.00'	S45°20'52"W	28.46'	090°43'01"	31.67'
C35	20.00'	N44°39'08"W	28.11'	089°16'59"	31.17'
C36	15.00'	S45°20'52"W	21.35'	090°43'01"	23.75'
C37	47.50'	S44°41'22"E	66.80'	089°21'27"	74.08'
C42	75.00'	N64°49'15"W	62.32'	049°05'41"	64.26'
C43	75.00'	N20°08'32"W	51.63'	040°15'46"	52.70'
C44	15.00'	S55°22'02"W	17.32'	070°31'44"	18.46'
C45	15.00'	S10°02'46"W	5.24'	020°06'49"	5.27'
C46	20.00'	N59°22'06"W	20.00'	060°00'00"	20.94'
C47	20.00'	N14°41'22"W	10.14'	029°21'27"	10.25'
C48	20.00'	N15°20'52"E	10.59'	030°43'01"	10.72'
C49	20.00'	N60°42'22"E	20.00'	060°00'00"	20.94'
C50	15.00'	S54°01'46"E	17.32'	070°31'44"	18.46'
C51	15.00'	S09°23'16"E	4.89'	018°45'15"	4.91'
C52	20.00'	N59°17'38"W	20.00'	060°00'00"	20.94'
C53	20.00'	N14°39'08"W	10.11'	029°16'59"	10.22'
C54	15.00'	S55°26'30"W	17.32'	070°31'44"	18.46'
C55	15.00'	S10°05'00"W	5.26'	020°11'17"	5.29'
C56	15.00'	N54°01'46"W	17.32'	070°31'44"	18.46'
C57	15.00'	N09°23'16"W	4.89'	018°45'15"	4.91'
C58	20.00'	S60°42'22"W	20.00'	060°00'00"	20.94'
C59	20.00'	S15°20'52"W	10.59'	030°43'01"	10.72'
C60	15.00'	S55°26'30"W	17.32'	070°31'44"	18.46'
C61	15.00'	S10°05'00"W	5.26'	020°11'17"	5.29'
C62	20.00'	N59°17'38"W	20.00'	060°00'00"	20.94'
C63	20.00'	N14°39'08"W	10.11'	029°16'59"	10.22'

LINE TABLE		
LINE	BEARING	LENGTH
L15	S89°17'38"E	2.07'
L16	N00°42'22"E	55.00'
L17	N89°17'38"W	3.13'
L18	N00°37'54"E	55.00'
L19	N89°22'06"W	15.81'
L30	S49°43'35"W	11.96'
L40	N02°03'11"E	35.90'

ALLEN & COMPANY
Founded in 1988
SURVEYING • MAPPING
GEOSPATIAL SERVICES
www.allen-company.com
340 E CROWN POINT ROAD
WINTER GARDEN, FLORIDA 34787
(407) 654-5355 LB #8627

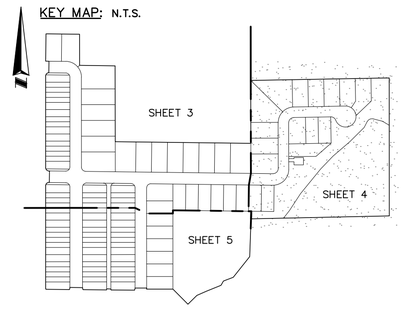
PLAT BOOK ___ OF ___

EDEN CREST PHASE 2

A PARCEL OF LAND LYING IN SECTIONS 7, 8 & 18, TOWNSHIP 21 SOUTH, RANGE 28 EAST,
CITY OF APOPKA, ORANGE COUNTY, FLORIDA

GRAPHIC SCALE 1"=50'
0 50' 100'

KEY MAP: N.T.S.



MAUDEHELEN SUBDIVISION PHASE 2
PLAT BOOK 70, PAGES 50–52

SOUTHERLY LINE MAUDEHELEN SUBDIVISION PHASE 2

N 88°56'54" E 659.16'

MATCHLINE SEE SHEET 3

N 00°08'12" W 299.05'

S 45°35'39" E 212.63'

HIDDEN HARMONY LANE
VARIABLE WIDTH PUBLIC RIGHT-OF-WAY

S 88°56'54" W 246.55'

S 88°56'54" W 200.77'

N 88°56'54" E 175.40'

S 46°29'22" W 100.85' N.R.

TRACT DD
(OPEN SPACE)

TRACT 12
(STORMWATER)

TRACT A

TRACT GG
(LIFT STATION)

TRACT HH
(CONSERVATION)

TRACT DD
(OPEN SPACE)

TRACT 13
(CONSERVATION AREA)

SET WITNESS (PRM)

25.00' WETLAND BUFFER

N 48°41'55" E 96.05'

S 00°01'51" E 656.33'

MAUDEHELEN SUBDIVISION PHASE 1
PLAT BOOK 64, PAGES 83–86

WESTERLY LINE MAUDEHELEN SUBDIVISION PHASE 1

430.86'

S 89°17'38"W 645.04'

S 89°17'38" E 372.98'

MATCHLINE SEE SHEET 5

S 89°17'38" E 1063.00' (OA)
628.07'

N 89°17'38" W 891.14'

S 89°17'38" E 580.00'

S 89°17'38" E 107.02'

S 88°47'33" W 657.98'

503.39'

1973.94'
S 88°47'33" W 2631.92'

S02°03'11"W 179.97'

NE CORNER OF SECTION 18–21–28
SE CORNER OF SECTION 7–21–28

SET WITNESS (PRM)

MONUMENT NOT SET
FALLS IN WATER

SOUTH LINE OF THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 8–21–28

UNPLATTED

SOUTH 1/4 CORNER OF SECTION 8–21–28
FOUND 1–1/8" IRON PIPE IN CONCRETE
NO IDENTIFICATION
CCR#82041

LINE TABLE		
LINE	BEARING	LENGTH
L20	N38°17'59"E	45.90'
L21	N33°06'53"E	96.29'
L22	N39°09'50"E	151.38'
L23	N44°02'22"E	84.98'
L24	N49°20'04"E	104.40'
L25	N45°19'23"E	96.90'
L26	N27°04'07"E	31.30'
L28	S75°54'48"E	45.55'
L29	S59°00'28"E	37.86'
L31	N89°51'48"E	25.00'
L32	N00°08'12"W	5.00'
L33	N89°51'48"E	45.00'
L34	S00°08'12"E	35.00'
L35	S89°51'48"W	45.00'
L36	N00°08'12"W	15.00'
L37	S89°51'48"W	25.00'
L38	S33°04'14"W	37.81'
L40	N02°03'11"E	35.90'
L41	S45°00'00"E	13.47'
L42	S80°03'28"E	5.31'

LINE TABLE		
LINE	BEARING	LENGTH
L43	S09°56'32"W	67.14'
L44	S16°34'07"W	154.88'
L45	N89°17'38"W	134.48'
L50	S89°17'38"E	1.91'
L51	N16°34'07"E	135.32'

CURVE TABLE					
CURVE	RADIUS	CHORD BEARING	CHORD	DELTA	LENGTH
C13	75.00'	N45°17'05"E	106.84'	090°50'35"	118.91'
C14	75.00'	N26°44'33"E	67.82'	053°45'31"	70.37'
C19	25.00'	N44°24'21"E	35.07'	089°05'07"	38.87'
C21	25.00'	S55°47'17"E	28.87'	070°31'38"	30.77'
C22	50.00'	N34°27'52"E	81.90'	250°01'21"	218.19'
C24	75.00'	S44°24'21"W	105.22'	089°05'07"	116.61'
C26	25.00'	S45°17'05"W	35.61'	090°50'35"	39.64'
C38	50.00'	N68°01'33"W	39.11'	046°03'06"	40.19'
C39	50.00'	S44°24'21"W	70.14'	089°05'07"	77.74'
C40	50.00'	S45°17'05"W	71.23'	090°50'35"	79.28'
C41	25.00'	N65°34'39"E	31.13'	077°01'06"	33.61'
C64	75.00'	N69°44'46"E	41.66'	032°14'55"	42.21'
C65	75.00'	N88°17'18"E	6.33'	004°50'08"	6.33'
C66	75.00'	S00°39'08"W	2.07'	001°34'41"	2.07'
C67	75.00'	S22°55'25"W	54.93'	042°57'52"	56.24'
C68	75.00'	S64°54'33"W	52.54'	041°00'24"	53.68'
C69	75.00'	S87°10'49"W	4.63'	003°32'10"	4.63'
C70	50.00'	N77°03'22"E	99.13'	164°50'20"	143.85'
C71	50.00'	N31°08'47"W	43.50'	051°33'59"	45.00'
C72	50.00'	N73°44'17"W	28.92'	033°37'02"	29.34'

SHEET INDEX
SHEET 1 OF 5 – LEGAL DESCRIPTION, NOTES, LEGEND & DEDICATION
SHEET 2 OF 5 – BOUNDARY GEOMETRY
SHEET 3–5 OF 5 – TRACT AND LOT GEOMETRY

ALLEN & COMPANY
Founded in 1988
SURVEYING • MAPPING
GEOSPATIAL SERVICES
www.allen-company.com
340 E CROWN POINT ROAD
WINTER GARDEN, FLORIDA 34787
(407) 654-5355 LB #8627

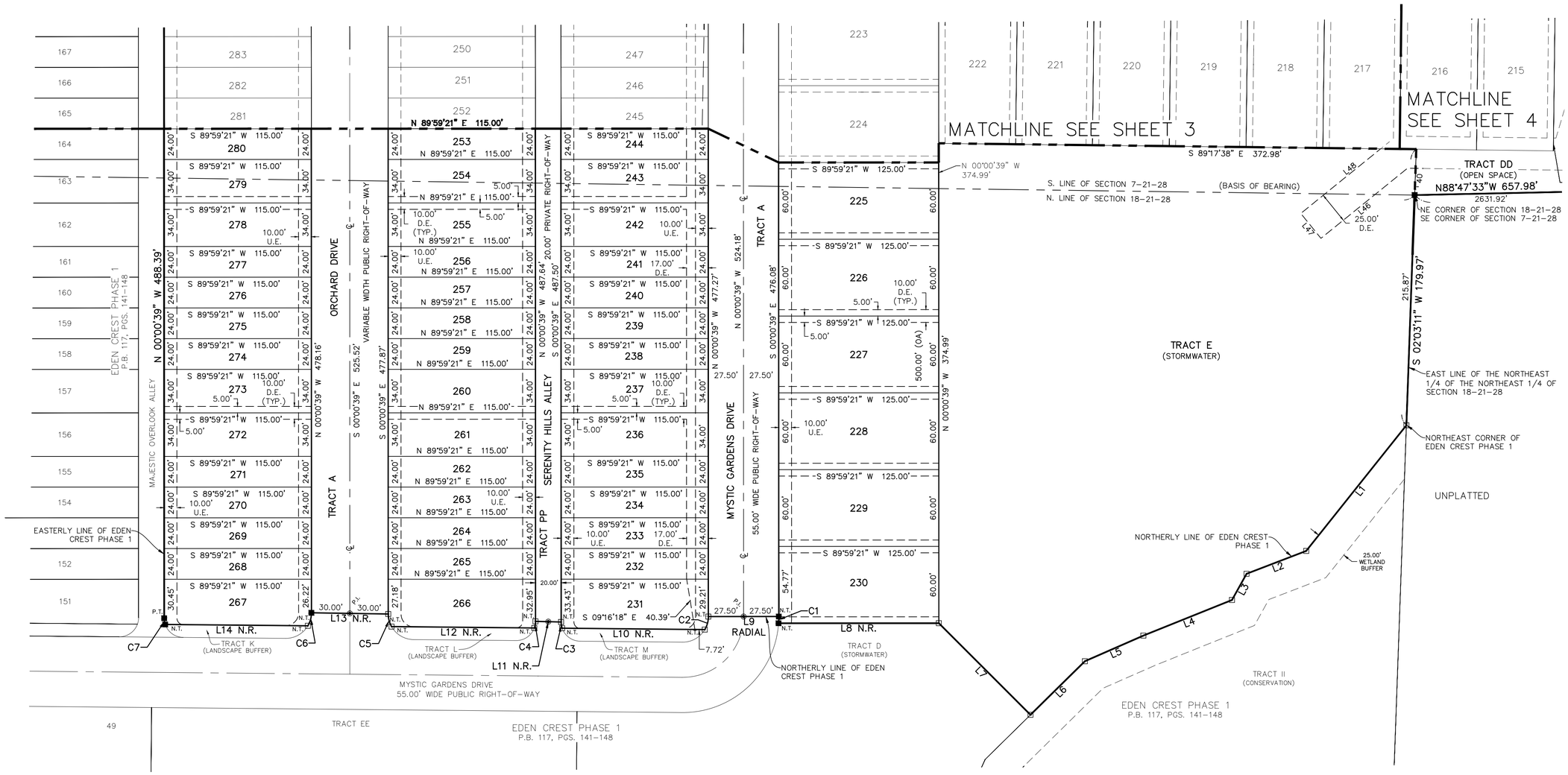
PLAT BOOK ___ OF ___

EDEN CREST PHASE 2

A PARCEL OF LAND LYING IN SECTIONS 7, 8 & 18, TOWNSHIP 21 SOUTH, RANGE 28 EAST,
CITY OF APOPKA, ORANGE COUNTY, FLORIDA

SHEET INDEX
SHEET 1 OF 5 – LEGAL DESCRIPTION, NOTES, LEGEND & DEDICATION
SHEET 2 OF 5 – BOUNDARY GEOMETRY
SHEET 3–5 OF 5 – TRACT AND LOT GEOMETRY

GRAPHIC SCALE 1"=50'
0 50' 100'

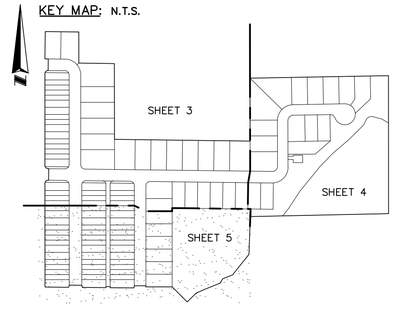


LINE TABLE		
LINE	BEARING	LENGTH
L1	S38°32'43"W	125.55'
L2	S69°01'48"W	49.89'
L3	S29°04'54"W	23.44'
L4	S68°06'06"W	74.56'
L5	S66°19'13"W	49.92'
L6	S45°24'56"W	59.60'
L7	N45°00'55"W	101.22'
L8	S89°59'21"W	125.18'
L9	S89°59'21"W	55.00'
L10	N89°27'30"W	111.42'
L11	N88°37'48"W	20.01'
L12	N89°27'30"W	111.51'
L13	N89°05'25"W	60.01'
L14	N89°27'30"W	111.42'
L40	N02°03'11"E	35.90'

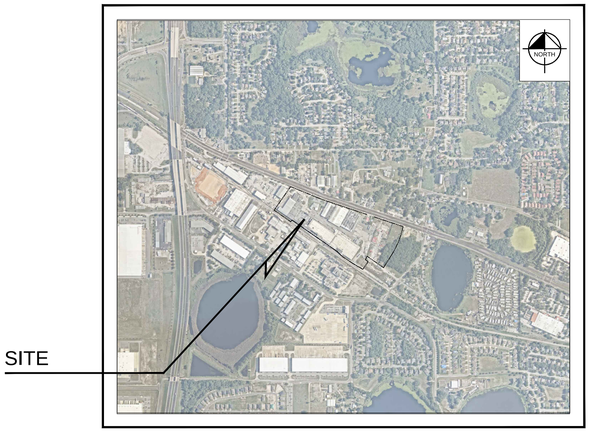
LINE TABLE		
LINE	BEARING	LENGTH
L46	S50°59'57"W	87.01'
L47	N39°00'03"W	25.00'
L48	N50°59'57"E	89.18'

CURVE TABLE					
CURVE	RADIUS	CHORD BEARING	CHORD	DELTA	LENGTH
C1	75.00'	N01°59'23"E	5.24'	004°00'04"	5.24'
C2	20.00'	S15°15'55"W	10.54'	030°33'08"	10.66'
C3	15.00'	N09°28'13"W	4.93'	018°55'08"	4.95'
C4	15.00'	S10°00'04"W	5.22'	020°01'25"	5.24'
C5	20.00'	N14°44'05"W	10.17'	029°26'52"	10.28'
C6	20.00'	S15°15'55"W	10.54'	030°33'08"	10.66'
C7	15.00'	N09°28'13"W	4.93'	018°55'08"	4.95'

KEY MAP: N.T.S.



ALLEN & COMPANY
Founded in 1988
SURVEYING • MAPPING
GEOSPATIAL SERVICES
www.allen-company.com
340 E CROWN POINT ROAD
WINTER GARDEN, FLORIDA 34787
(407) 654–5355 LB #8627

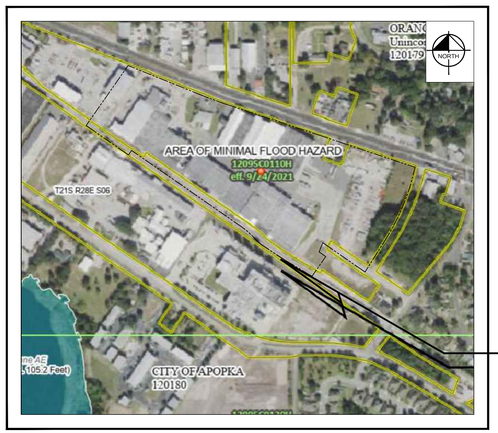


AERIAL PHOTOGRAPH

N.T.S.

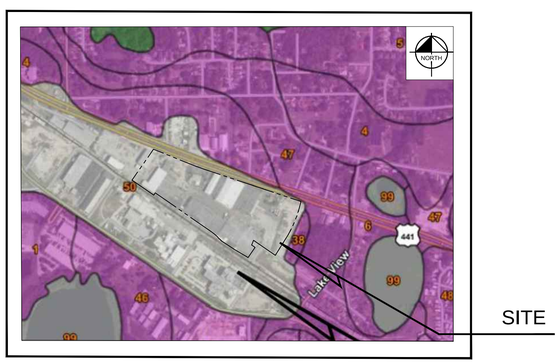
LEGAL DESCRIPTION:

A PORTION OF SECTION 06, TOWNSHIP 21 SOUTH, RANGE 28 EAST, ORANGE COUNTY, FLORIDA.
LOTS 4 AND 6 OF BLOCK "I", OF PLYMOUTH DELLS, ACCORDING TO PLAT THEREOF AS RECORDED IN PLAT BOOK "O", PAGE 102, PUBLIC RECORDS OF ORANGE COUNTY FLORIDA. ALSO: THAT PART OF LOT 37, ADJACENT TO AND LYING DIRECTLY SOUTH OF SAID LOTS 5 AND 6 AND BEING A TRACT OF APPROXIMATELY 50 FEET SQUARE, MORE OR LESS, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK "O", PAGE 102, PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.
LOTS 7, 8, AND 9, THE EAST 25 FEET OF LOT 17, AND THE WEST 50 FEET OF LOT 37, BLOCK 1, PLYMOUTH DELLS, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK "O", PAGES 102 AND 103 OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA, LESS ROAD RIGHT OF WAY.



FEMA MAP

N.T.S.



SOILS MAP

50 - Urban Land

N.T.S.

1

MAJOR DEVELOPMENT PLAN

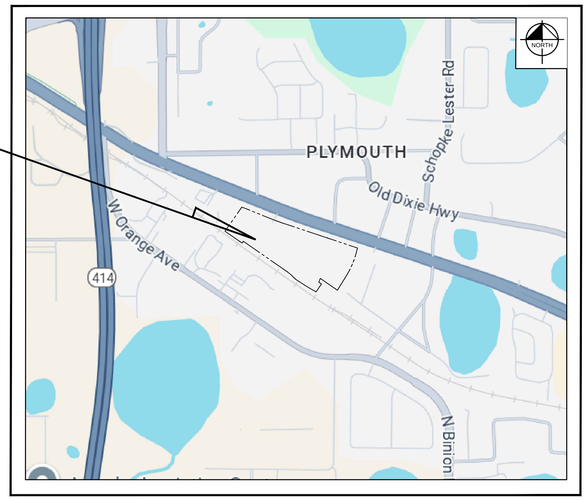
FOR

APOPKA COLD STORAGE

PARCEL #'s:
06-21-28-7172-02-011
06-21-28-7180-09-070
06-21-28-7180-09-050

ORANGE COUNTY, FLORIDA

DATE: 02/03/2026



LOCATION MAP

N.T.S.

PROJECT TEAM

OWNER/DEVELOPER
MG88 CENTRAL FLORIDA
COLD STORAGE II, LLC
4000 HOLLYWOOD BOULEVARD,
SUITE 650-N
HOLLYWOOD, FL 33021

CIVIL ENGINEER
KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600
ORLANDO, FL 32801
CONTACT: JOSHUA ENOT
PHONE: 321-754-0413
EMAIL: JOSHUA.ENOT@KIMLEY-HORN.COM

SURVEYOR:
SOUTHEASTERN SURVEYING AND MAPPING CORPORATION
6500 ALL AMERICAN BOULEVARD
ORLANDO, FLORIDA 32810-4350
CONTACT: JAMES E. MAZURAK, P.S.M.
PHONE: (407) 292-8580

UTILITY PROVIDERS

WATER, SEWER, AND RECLAIMED WATER :
CITY OF APOPKA
COMMUNITY DEVELOPMENT DEPARTMENT
120 E. MAIN STREET, 2ND FLOOR
APOPKA, FLORIDA 32703
PHONE: (407) 703-1712

ELECTRIC :
DUKE ENERGY
2001 OLD SCENIC HWY
LAKE WALES, FL 33853

PREPARED BY

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S Orange Ave, Suite 600, Orlando, FL 32801
Phone: (407) 898-1511
WWW.KIMLEY-HORN.COM Registry No. 35106

JOSHUA M. ENOT, P.E.
93160

Sheet Number	Sheet Title
C0.0	COVER SHEET
C1.0	GENERAL NOTES
C2.0	SWPPP
C3.0	EROSION CONTROL DETAILS
C4.0	EXISTING CONDITIONS AND DEMO PLAN
C4.1	DETAILED EXISTING CONDTIONS AND DEMO PLAN
C4.2	DETAILED EXISTING CONDTIONS AND DEMO PLAN
C5.0	OVERALL SITE PLAN
C5.1	DETAILED SITE PLAN
C5.2	DETAILED SITE PLAN
C5.3	US HWY 441 – LEFT TURN LANE
3 C5.4	OPEN SPACE PLAN
C6.0	OVERALL GRADING AND DRAINAGE
C6.1	DETAILED GRADING AND DRAINAGE
C6.2	DETAILED GRADING AND DRAINAGE
C7.0	OVERALL UTILITY PLAN
C7.1	DETAILED UTILITY PLAN
C7.2	DETAILED UTILITY PLAN
C8.0	GENERAL CONSTRUCTION DETAILS
C8.1	GENERAL CONSTRUCTION DETAILS
C8.2	GENERAL CONSTRUCTION DETAILS
C8.3	DRAINAGE DETAILS
C8.4	CIVIL STANDARD DETAILS
C8.5	CIVIL STANDARD DETAILS
C8.6	MOT DETAILS
C8.7	CITY OF APOPKA DETAILS
C8.8	CITY OF APOPKA DETAILS
C9.0	WB-67 TRUCK ROUTING
C9.1	FIRE TRUCK ROUTING
C9.2	GARBAGE TRUCK ROUTING
C10.0	MAYFLOWER AVENUE IMPROVEMENTS
L0.50	OVERALL TREE MITIGATION
L0.51	DETAIL TREE MITIGATION PLAN
L0.52	DETAIL TREE MITIGATION PLAN
L0.53	TREE MITIGATION CANOPY COVER
L0.54	TREE MITIGATION NOTES AND DETAILS
L1.00	OVERALL LANDSCAPE PLAN
L1.01	LANDSCAPE PLAN
L1.02	LANDSCAPE PLAN
L1.03	LANDSCAPE PLAN
L1.50	LANDSCAPE DETAILS
L1.51	LANDSCAPE NOTES
L2.00	OVERALL IRRIGATION PLAN
L2.01	IRRIGATION PLAN
L2.02	IRRIGATION PLAN
L2.03	IRRIGATION PLAN
L2.50	IRRIGATION DETAILS
L2.51	IRRIGATION NOTES
P1.0	PHOTOMETRIC PLAN

No.	REVISIONS	BY	DATE
3	APOPKA MDP PLANNING COMMENTS	JLM	01/08/2026
2	SJRWMD COMMENTS DATED 2025/11/05	ARP	12/02/2025
1	CITY COMMENTS DATED 2025/11/04	AG	12/02/2025

SHEET NUMBER
C0.0

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.
Drawing name: K:\ORL_Civil\049607003-Cold Link Apopka\CADD\MDP\Plansheets\C0.0 COVER.dwg C0.0 COVER SHEET Apr 23, 2026 9:18am by: Joshua.Enot

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

GENERAL

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING (HORIZONTALLY AND VERTICALLY) ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION AND FOR NOTIFYING THE VARIOUS UTILITY COMPANIES TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATION, TEMPORARY DISTRIBUTION SERVICE, OR CLARIFICATION OF ACTIVITY REGARDING SAID UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING AN UNDERGROUND UTILITY, WHETHER SHOWN ON THESE PLANS OR FIELD LOCATED. ALL OTHER UTILITIES WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE RELOCATED BY THE RESPECTIVE UTILITY COMPANIES AND THE CONTRACTOR SHALL COOPERATE WITH THEM DURING RELOCATION OPERATIONS. ANY DELAY OR INCONVENIENCE OF THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED. CONTRACTOR SHALL CALL "SUNSHINE ONE" AT 811 TO HAVE EXISTING UTILITIES LOCATED AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
2. THE LOCATIONS OF ALL EXISTING UTILITIES, STORM DRAINAGE SYSTEMS, AND TOPOGRAPHIC FEATURES SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. SHOULD A DISCREPANCY ARISE BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, WHICH WOULD APPRECIABLY AFFECT THE EXECUTION OF THESE PLANS, THE CONTRACTOR SHALL HALT CONSTRUCTION AND NOTIFY THE ENGINEER IMMEDIATELY.
3. PRIOR TO THE INITIATION OF SITE CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ANY EXISTING UTILITIES INCLUDING GAS, WATER, ELECTRIC, CABLE TV, COMMUNICATIONS, SANITARY SEWERS AND STORM DRAINAGE SYSTEMS, ON AND / OR ADJACENT TO THE SITE. REMOVE OR CAP AS NECESSARY.
4. THE CONTRACTOR SHALL EXERCISE CAUTION IN AREAS OF BURIED UTILITIES AND SHALL CALL "SUNSHINE 811" AT 811 OR 1-800-432-4770 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION TO ARRANGE FOR FIELD LOCATIONS OF BURIED UTILITIES.
5. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND, THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED, BY THE CONTRACTOR OR SUB-CONTRACTORS, AS CALLED FOR IN THESE CONTRACT DOCUMENTS.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS SPECIFIED BY THE VARIOUS GOVERNMENTAL AGENCIES AND THE ENGINEER. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, SUCH AS RIGHT OF WAY PERMIT(S), EXCAVATION/FILL PERMIT(S), FIRE PROTECTION PERMIT(S), OR UNDERGROUND UTILITY PERMIT(S), PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL INSPECTION CRITERIA OF APPLICABLE AGENCIES, SCHEDULING OF INSPECTIONS, AND OBTAINING REQUIRED INSPECTIONS FROM AGENCY.
7. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, ON ALL PRECAST AND MANUFACTURED ITEMS, TO THE OWNER'S ENGINEER FOR REVIEW. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
8. ALL UTILITY SERVICE STUB-OUTS (WATER, SANITARY SEWER, etc.) ARE TO BE INSTALLED WITHIN 5' OF BUILDING(S), UNLESS OTHERWISE NOTED ON PLANS.
9. CONTRACTOR TO COORDINATE WITH THE APPLICABLE ELECTRIC UTILITY SUPPLIER REGARDING ANY NECESSARY RELOCATION(S) OF UNDERGROUND AND/OR OVERHEAD ELECTRIC FACILITIES, AND FOR THE LOCATION AND INSTALLATION OF TRANSFORMER PAD(S) AND ASSOCIATED ELECTRIC FACILITIES.
10. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN AN R-O-W UTILIZATION PERMIT (IF REQUIRED) FOR CONSTRUCTION OF THE PROPOSED UTILITIES. THIS PERMIT MUST BE OBTAINED BY A DULY LICENSED PLUMBING CONTRACTOR (OR CLASS A GENERAL CONTRACTOR) PRIOR TO THE START OF CONSTRUCTION. THESE PLANS AND ANY SUBSEQUENT REVISIONS TO THESE PLANS, THAT ARE ISSUED BY THE ENGINEER, WILL BE SUBJECT TO THE APPROVAL CONDITIONS OF THIS PERMIT.
11. THE GRAPHIC INFORMATION DEPICTED ON THESE PLANS HAS BEEN COMPILED TO PROPORTION BY SCALE AS ACCURATELY AS POSSIBLE. HOWEVER, DUE TO REPRODUCTIVE DISTORTION, REDUCTION, AND/OR REVISIONS, INFORMATION CONTAINED HEREIN IS NOT INTENDED TO BE SCALED FOR CONSTRUCTION PURPOSES.
12. ALL SPECIFICATIONS AND DOCUMENTS REFERENCED HEREIN SHALL BE OF THE LATEST REVISION.
13. ALL UNDERGROUND UTILITIES MUST BE IN-PLACE, TESTED AND INSPECTED PRIOR TO BASE AND SURFACE CONSTRUCTION.
14. WORK PERFORMED UNDER THIS CONTRACT SHALL INTERFACE SMOOTHLY WITH ANY OTHER WORK BEING PERFORMED ON SITE BY OTHER CONTRACTORS/SUBCONTRACTORS AND UTILITY COMPANIES. IT WILL BE NECESSARY FOR THE GENERAL CONTRACTOR TO COORDINATE AND SCHEDULE HIS/HER ACTIVITIES ACCORDINGLY.
15. ALL DIMENSIONS ARE TO FACE OF CURB, UNLESS OTHERWISE NOTED.
16. ALL SIGNAGE MUST COMPLY WITH THE LAND DEVELOPMENT CODE OF THE CITY OF APOPKA, FLORIDA.
17. CONTRACTOR IS RESPONSIBLE FOR ALL DEWATERING ACTIVITIES NECESSARY TO PERFORM THE WORK WITHIN THESE PLANS.
18. THE CONTRACTOR SHALL RESTORE OFF-SITE CONSTRUCTION AREAS TO EQUAL AND/OR BETTER CONDITION THAN EXISTING PRIOR TO START OF CONSTRUCTION.
19. THE CONTRACTOR SHALL COMPLY WITH THE LEGAL LOAD RESTRICTIONS IN HAULING OF MATERIALS IN PUBLIC ROADS BEYOND THE LIMITS OF WORK. A SPECIAL PERMIT WILL NOT RELIEVE THE CONTRACTOR OF LIABILITY FOR THE DAMAGE WHICH MAY RESULT FROM THE MOVING OF MATERIAL AND EQUIPMENT.
20. SURVEY MONUMENTS OR BENCHMARKS, WHICH HAVE TO BE DISTURBED BY THIS WORK, SHALL BE REPLACED UPON COMPLETION OF WORK BY A A LICENSED LAND SURVEYOR CURRENTLY REGISTERED IN THE STATE OF FLORIDA.
21. CONTRACTOR IS TO ADJUST ANY UTILITY ELEMENT MEANT TO BE FLUSH WITH GRADE (CLEAN OUT MANHOLES, CATCH BASINS, INLETS, ETC.) THAT IS AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT.
22. ALL WORK PERFORMED WITHIN THE FDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE 2023-24 EDITIONS OF FDOT STANDARD PLANS, SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE 2017 UTILITY ACCOMMODATION MANUAL.

TREES AND VEGETATION

1. THE CONTRACTOR IS TO MINIMIZE THE REMOVAL OF VEGETATION TO THE GREATEST EXTENT PRACTICAL. SEE DEMOLITION PLAN FOR TREES TO BE REMOVED. TREES IN CLOSE PROXIMITY TO CONSTRUCTION SHALL BE PROTECTED BY WOOD FENCING PER DETAIL ON SHEET C2.1.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPE BUFFERS AND RETENTION AND DETENTION FACILITIES UNTIL THE WORK HAS BEEN ACCEPTED BY THE OWNER. ALL DISTURBED AREAS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION.

DEMOLITION

1. CONTRACTOR SHALL SUBMIT DEMOLITION SCHEDULE TO OWNER PRIOR TO PROCEEDING WITH DEMOLITION ACTIVITIES.
2. EXTENT OF SITE CLEARING IS SHOWN ON DRAWINGS.
3. CONTRACTOR SHALL CONDUCT SITE DEMOLITION OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION.
4. CONTRACTOR SHALL PROVIDE PROTECTION NECESSARY TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS INDICATED ON PLAN "EXISTING TO REMAIN".
5. CONTRACTOR SHALL RESTORE DAMAGED IMPROVEMENTS TO THEIR ORIGINAL CONDITION, AS ACCEPTABLE TO PARTIES HAVING JURISDICTION.
6. CONTRACTOR SHALL REMOVE WASTE MATERIALS AND UNSUITABLE AND EXCESS TOPSOIL FROM PROPERTY AND DISPOSE OF OFF-SITE IN A LEGAL MANNER.
7. CONTRACTOR SHALL DEMOLISH AND COMPLETELY REMOVE FROM SITE MATERIAL INDICATED ON PLAN OR NOTES "TO BE REMOVED".
8. CONTRACTOR SHALL PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS CREATED BY THE DEMOLITION OPERATION.

STORM DRAINAGE SYSTEM

1. STANDARD INDEXES REFER TO THE LATEST EDITION OF F.D.O.T. "ROADWAY AND TRAFFIC DESIGN STANDARDS."
2. THE LATEST EDITION OF F.D.O.T. "DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE, AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM" IS REFERRED TO FOR THE STRUCTURAL DESIGN OF DRAINAGE STRUCTURES SPECIFIED IN THESE PLANS, AS REFERENCED BY STANDARD INDEX. ALL SPECIALTY DRAINAGE STRUCTURES REQUIRE SEPARATE STRUCTURAL DESIGN, WHICH IS NOT INCLUDED IN THESE PLANS. STATION OFFSETS ARE TO THE CENTERLINE OF THE STRUCTURE TOP (I.E. DITCH BOTTOM INLET OR CURB INLET TOP), AS OPPOSED TO THE STRUCTURE BASE.
3. ALL STORM SEWER PIPE SHALL BE REINFORCED CONCRETE CLASS III (ASTM C-76) UNLESS OTHERWISE NOTED ON PLANS. ALL DRAINAGE STRUCTURES SHALL BE IN ACCORDANCE WITH F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS UNLESS OTHERWISE NOTED ON PLANS.
4. PIPE LENGTHS SHOWN ARE APPROXIMATE AND TO CENTER OF DRAINAGE STRUCTURES, WITH THE EXCEPTION OF MITERED END AND FLARED END SECTIONS. LENGTHS OF PIPE SHOWN WHICH TERMINATE WITH MITERED END OR FLARED END SECTIONS ARE MEASURED TO THE DOWNSTREAM INVERT OF THE MITERED END OR FLARED END SECTION.
5. ALL DRAINAGE STRUCTURE GRATES AND COVERS, EITHER EXISTING OR PROPOSED SHALL BE TRAFFIC RATED FOR H-20 LOADINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY NECESSARY UPGRADES TO EXISTING DRAINAGE STRUCTURES.
6. CONSTRUCTION OF THE STORMWATER MANAGEMENT SYSTEM MUST BE COMPLETE AND ALL DISTURBED AREAS STABILIZED IN ACCORDANCE WITH THE PERMITTED PLANS AND CONDITIONS PRIOR TO ANY OF THE FOLLOWING: ISSUANCE OF THE FIRST CERTIFICATE OF OCCUPANCY; INITIATION OF INTENDED USE OF THE INFRASTRUCTURE; OR TRANSFER OF RESPONSIBILITY FOR MAINTENANCE OF THE SYSTEM TO A LOCAL GOVERNMENT OR OTHER RESPONSIBLE ENTITY.
7. STORM WATER PIPES, STRUCTURES, MINIMUM COVER, AND INSTALLATION PROCEDURES TO BE IN ACCORDANCE WITH THE LAND DEVELOPMENT CODE OF THE CITY OF APOPKA, FLORIDA.
8. DURING CONSTRUCTION, NO DIRECT DISCHARGE OF WATER TO DOWNSTREAM RECEIVING WATERS WILL BE ALLOWED. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING WATER QUALITY AND SHALL ROUTE DISCHARGE WATER IN SUCH A MANNER AS TO ADEQUATELY REMOVE SILT PRIOR TO RUNOFF FROM THE SITE.

DRAINAGE SYSTEM TESTING AND INSPECTION

1. THE STORM DRAINAGE PIPING SYSTEM SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER PRIOR TO THE PLACEMENT OF BACKFILL. CONTRACTOR TO NOTIFY THE ENGINEER 48 HOURS IN ADVANCE TO SCHEDULE INSPECTION.
2. THE CONTRACTOR SHALL MAINTAIN AND PROTECT FROM MUD, DIRT, DEBRIS, ETC. THE STORM DRAINAGE SYSTEM UNTIL FINAL ACCEPTANCE OF THE PROJECT. THE STORM SYSTEM WILL BE REINSPECTED BY THE OWNER'S ENGINEER PRIOR TO APPROVAL FOR CERTIFICATE OF OCCUPANCY PURPOSES. THE CONTRACTOR MAY BE REQUIRED TO RECLEAN PIPES AND INLETS AT THE CONTRACTORS EXPENSE AND PRIOR TO FINAL ACCEPTANCE.

SAFETY

1. ALL SUBSURFACE CONSTRUCTION SHALL COMPLY WITH THE "TRENCH SAFETY ACT". THE CONTRACTOR SHALL INSURE THAT THE METHOD OF TRENCH PROTECTION AND CONSTRUCTION IS IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THE ABOVE INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY AND DOES NOT IMPLY THAT THE OWNER OR ENGINEER WILL INSPECT AND/OR ENFORCE SAFETY REGULATIONS.
2. DURING THE CONSTRUCTION AND/OR MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF THE TRAVELING PUBLIC AND THE SAFETY OF HIS/HER PERSONNEL. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OSHA IN THE FEDERAL REGISTER OF THE DEPARTMENT OF TRANSPORTATION. THE MINIMUM STANDARDS AS SET FORTH IN THE CURRENT EDITION OF "THE STATE OF FLORIDA, MANUAL ON TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS" SHALL BE FOLLOWED IN THE DESIGN, APPLICATION, INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND CONSTRUCTION PERSONNEL FROM HAZARDS WITHIN THE PROJECT LIMITS. CONTRACTOR SHALL PROVIDE FOR THE SAFETY AND CONTROL OF LOCAL TRAFFIC DURING CONSTRUCTION. ADDITIONAL INFORMATION MAY BE REQUIRED IF LANE CLOSURE DURATIONS ARE LONGER THAN DAYTIME OPERATIONS.

EARTHWORK / GRADING / DEMUCKING PROCEDURES

1. A GEOTECHNICAL ENGINEERING INVESTIGATION REPORT HAS BEEN PREPARED BY TERRACON FOR PURPOSES OF STORM WATER DESIGN, OF WHICH COPIES ARE AVAILABLE THROUGH THE OWNER OR THEIR SOIL TESTING COMPANY. A GEOTECHNICAL ENGINEER SHALL BE RETAINED BY THE CONTRACTOR TO PROVIDE ON-SITE INSPECTIONS DURING EXCAVATION/FILL OPERATIONS AND TESTING OF THE COMPACTED FILL SO THAT PROPER DOCUMENTATION OF THE REQUIRED COMPACTING CRITERIA CAN BE PROVIDED.
2. ALL EXISTING DEBRIS (ABOVE OR BELOW GROUND), CONSTRUCTION DEBRIS AND OTHER WASTE MATERIAL SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR, IN ACCORDANCE WITH APPLICABLE REGULATORY AGENCY REQUIREMENTS IN A LEGAL MANNER.
3. UNLESS OTHERWISE NOTED, GRADE TO MEET EXISTING ELEVATION AT PROPERTY LINES. FINAL GRADES SHOWN INCLUDE SOD HEIGHT. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADES, UNLESS OTHERWISE NOTED. IT MAY BE NECESSARY TO FIELD ADJUST PAVEMENT ELEVATIONS TO PRESERVE THE ROOT SYSTEMS OF TREES SHOWN TO BE SAVED. CONTRACTOR TO COORDINATE WITH OWNER'S ENGINEER PRIOR TO ANY ELEVATION CHANGES. ALL AREAS SHALL BE GRADED TO DRAIN AWAY FROM THE BUILDINGS.
4. ALL DELETERIOUS SUBSURFACE MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS) IS TO BE EXCAVATED AND REPLACED WITH SUITABLE/COMPACTED SOILS, AS DIRECTED BY THE OWNER OR THEIR SOILS TESTING COMPANY. DELETERIOUS MATERIAL IS TO BE STOCKPILED OR REMOVED FROM THE SITE AS DIRECTED BY THE OWNER. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE PLANS. CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING DELETERIOUS MATERIAL FROM THE SITE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND WILL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. DEWATERING METHODS SHALL BE USED AS REQUIRED TO KEEP TRENCHES DRY WHILE PIPE AND APPURTENANCES ARE BEING PLACED.
6. ALL NECESSARY FILL AND EMBANKMENT THAT IS PLACED DURING CONSTRUCTION SHALL CONSIST OF MATERIAL SPECIFIED BY THE OWNER'S SOILS TESTING COMPANY OR ENGINEER AND BE PLACED AND COMPACTED ACCORDING TO THESE PLANS.
7. THE CONTRACTOR SHALL INSURE THAT PROPER SOIL DENSITIES ARE ACHIEVED FOR PLACEMENT OF ALL HEADWALL/ENDWALL FOOTINGS, RETAINING WALL FOOTINGS, AND IN GENERAL, ANY FOOTING SUPPORT DESCRIBED ON THESE PLANS. IT WILL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SUFFICIENT SOILS TESTING HAS BEEN PERFORMED PRIOR TO FINAL INSTALLATION OF IMPROVEMENTS.
8. ANY UNSUITABLE ORGANIC SOIL SHALL BE EXCAVATED TO A MINIMUM MARGIN OF 6 FEET BEYOND ITS PERIPHERY EXCAVATED TO EXPOSE THE UNDERLYING NON-ORGANIC FINE SAND.
9. IF DETERMINED NECESSARY, DEWATERING DURING EXCAVATING/BACKFILLING OPERATIONS MAY BE ACCOMPLISHED BY DITCHING AND THE USE OF SUMP PUMPS AND/OR OTHER METHODS (WELL POINTS), AS NECESSARY. CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS FOR DEWATERING ACTIVITIES THAT MAY BE REQUIRED.
10. UPON APPROVAL OF THE GEOTECHNICAL ENGINEER, THE EXCAVATED AREAS MAY BE BACKFILLED WITH CLEAN FINE SAND FREE OF UNSUITABLE OR DELETERIOUS MATERIAL. HOWEVER, THE FILL SHOULD NOT BE PLACED IN MORE THAN 6 INCHES OF STANDING WATER. ONCE THE FILL IS AT LEAST 2 FEET ABOVE THE DEWATERED LEVEL, BACKFILLING MAY PROCEED AS DIRECTED BY THE GEOTECHNICAL ENGINEER.

PAVING, GRADING AND DRAINAGE

1. ALL PAVING SHALL BE PERFORMED IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADES, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL TRIM, TACK AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT.
4. CURBING SHALL BE PLACED AT THE EDGES OF ALL PAVEMENT, UNLESS OTHERWISE NOTED. REFER TO THE LATEST EDITION OF F.D.O.T. "DESIGN STANDARDS" FOR DETAILS AND SPECIFICATIONS OF ALL F.D.O.T. TYPE CURB AND GUTTERS CALLED FOR IN THESE PLANS.
5. PRIOR TO CONSTRUCTING CONCRETE PAVEMENT, THE CONTRACTOR IS TO SUBMIT A PROPOSED JOINTING PATTERN TO THE SOILS ENGINEER FOR APPROVAL.
6. CONTRACTOR TO PROVIDE A 1/2" TO 1" BITUMINOUS EXPANSION JOINT MATERIAL WITH SEALER AT ABUTMENT OF CONCRETE AND OTHER MATERIALS (STRUCTURES, OTHER POURED)
7. ALL PAVEMENT MARKINGS SHALL BE MADE IN ACCORDANCE WITH F.D.O.T. DESIGN STANDARDS.
8. THE CONTRACTOR WILL STABILIZE BY SEED AND MULCH, SOD, OR OTHER APPROVED MATERIALS ANY DISTURBED AREAS WITHIN ONE WEEK FOLLOWING CONSTRUCTION OF THE UTILITY SYSTEMS AND PAVEMENT AREAS. CONTRACTOR SHALL MAINTAIN SUCH AREAS UNTIL FINAL ACCEPTANCE BY OWNER. CONTRACTOR TO COORDINATE WITH OWNER REGARDING TYPE OF MATERIAL, LANDSCAPING AND IRRIGATION REQUIREMENTS.
9. THE CONTRACTOR SHALL RESTORE OFF-SITE CONSTRUCTION AREAS TO EQUAL AND/OR BETTER CONDITION THAN EXISTING PRIOR TO START OF CONSTRUCTION.
10. UNLESS OTHERWISE NOTED, GRADE TO MEET EXISTING ELEVATION AT PROPERTY LINES.
11. SURVEY MONUMENTS OR BENCHMARKS, WHICH HAVE TO BE DISTURBED BY THIS WORK, SHALL BE REPLACED UPON COMPLETION OF WORK BY A REGISTERED LAND SURVEYOR AT CONTRACTORS EXPENSE.
12. FINAL GRADES SHOWN INCLUDE SOD HEIGHT. ALL AREAS SHALL BE GRADED TO DRAIN AWAY FROM THE BUILDINGS.
13. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH ALL LOCAL, STATE AND JURISDICTIONAL PERMITTING AGENCIES.
14. ALL WORK SHALL COMPLY WITH THE GEOTECHNICAL REPORT BY TERRACON.
15. CONTRACTOR SHALL SOD ALL DISTURBED AREAS WITH BAHIA UNLESS OTHERWISE NOTED.

PAVING/GRADING TESTING AND INSPECTION

1. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE TESTING WITH THE SOILS ENGINEER. TESTS WILL BE REQUIRED PURSUANT WITH THE SOILS REPORT. UPON COMPLETION OF WORK THE SOILS ENGINEER WILL SUBMIT CERTIFICATIONS TO THE OWNER AND OWNER'S ENGINEER STATING THAT ALL REQUIREMENTS HAVE BEEN MET.
2. A QUALIFIED TESTING LABORATORY SHALL PERFORM ALL TESTING NECESSARY TO ASSURE COMPLIANCE OF THE IN-PLACE MATERIALS AS REQUIRED BY THESE PLANS AND GEOTECHNICAL REPORT, THE VARIOUS AGENCIES AND PERMIT CONDITIONS. SHOULD ANY RETESTING BE REQUIRED DUE TO THE FAILURE OF ANY TESTS TO MEET THESE REQUIREMENTS, THE CONTRACTOR WILL BEAR ALL COSTS OF SAID RETESTING.

PAVEMENT MARKING AND SIGNAGE

1. THE INSTALLATION, SHAPE, AND SIZE OF ALL SIGNS AND THEIR LETTERING SHALL COMPLY WITH THE LATEST EDITIONS OF THE U.S. DEPARTMENT OF TRANSPORTATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) AND THE F.D.O.T. "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND THE F.D.O.T. "DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE, AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM". WHERE CONFLICTS EXIST BETWEEN THE PLANS AND THE ABOVE MENTIONED SPECIFICATIONS, THE MORE STRINGENT CRITERIA SHALL PREVAIL.

TEST, INSPECTION AND CLOSEOUT REQUIREMENTS

1. ALL GRAVITY SEWER PIPING SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER AND APPLICABLE MUNICIPALITY/AGENCY. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 48 HOURS IN ADVANCE TO SCHEDULE INSPECTION(S). THE CONTRACTOR SHALL BE RESPONSIBLE FOR COSTS ASSOCIATED WITH A TELEVISED INSPECTION (TV) OF THE PROPOSED GRAVITY SEWER LINE CONSTRUCTION. TV INSPECTION SHALL BE IN ACCORDANCE TO THE CITY OF APOPKA UTILITIES DESIGN AND CONSTRUCTION STANDARDS MANUAL. THE CONTRACTOR SHALL PROVIDE COPIES OF THE TV INSPECTION TAPE TO THE ENGINEER, THE OWNER AND THE APPLICABLE MUNICIPALITY/AGENCY.
2. THE CONTRACTOR SHALL PERFORM LEAKAGE TESTS ON ALL GRAVITY SEWERS PER THE CITY OF APOPKA UTILITIES DESIGN AND CONSTRUCTION STANDARDS MANUAL.
3. AN AS-BUILT SURVEY SHALL BE PREPARED IN ACCORDANCE WITH CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE (F.A.C.), PURSAUNT TO CHAPTER 472, FLORIDA STATUTES (F.S.) SHALL BE REQUIRED.
4. THE CONTRACTOR SHALL PROVIDE UTILITY AS-BUILT AND GRADING/DRAINAGE AS-BUILT RECORD DRAWINGS BASED ON THE CIVIL DESIGN PLAN SHEETS. ALL AS-BUILTS SHALL BE OVERLAID ON THE CIVIL DESIGN PLANS WITH THE DESIGN SHADED BACK AND THE AS-BUILT BOLD. THE AS-BUILTS SHALL BE SIGNED AND SEALED BY A REGISTERED LAND SURVEYOR.
5. THE UTILITY AS-BUILT SHALL INCLUDE ALL SANITARY SEWERS AND FORCE MAIN SYSTEMS, POTABLE AND RECLAIMED WATER MAIN SYSTEMS, METERS, VALVES, FORCE MAINS, GAS MAINS, AND IRRIGATION LINES (2-INCH AND LARGER). CONTRACTOR TO PROVIDE ALL UTILITY CROSSING INFORMATION ON THE AS-BUILT. THE UTILITY AS-BUILTS SHALL IDENTIFY ALL WATER MAIN CROSSINGS WITH STORM AND SANITARY LINES INDICATING TOP OF PIPE AND INVERTS OF THE ABOVE CROSSING PIPE ALONG WITH CLEARANCE DIMENSIONS. THIS SHALL ALSO BE DONE FOR SANITARY/STORM CROSSINGS. ALL TEMPORARY SAMPLE POINT NUMBER (TSP#) LOCATIONS SHALL ALSO BE NOTED ON THE AS-BUILT. CONTRACTOR TO ALSO PROVIDE AN AS-BUILT ASSET TABLE IDENTIFYING SIZE OF PIPE OR FITTING AS WELL AS DEPTH TO TOP OF PIPE AND NORTHING AND EASTING OF EACH FITTING/VALVE, ETC. AS-BUILT DRAWINGS SHALL PROVIDE GPS COORDINATES FOR SANITARY STRUCTURES.
6. THE GRADING/DRAINAGE AS-BUILT SHALL INCLUDE ALL CONSTRUCTED IMPROVEMENTS THAT HAVE LOCATION AND/OR ELEVATION INFORMATION CALLED-OUT ON THE PLANS. THE AS-BUILT SHALL CLEARLY PROVIDE THE SAME INFORMATION IDENTIFIED ON THE DESIGN DOCUMENTS AND ALSO THE CONSTRUCTED LOCATIONS AND ELEVATIONS AS-BUILT INFORMATION.
7. THE CONTRACTOR SHALL PROVIDE A SIGNED AND SEALED LETTER FROM THE INDEPENDENT TESTING AGENCY THAT STATES CONFORMANCE WITH THE CONTRACT DOCUMENT REQUIREMENTS FOR COMPACTION TESTING. THE CONTRACTOR IS TO PROMPTLY NOTIFY THE OWNER AND ENGINEER OF RECORD WHEN ANY TESTING OR INSPECTIONS ARE DEFICIENT OR IRREGULAR.

No.	REVISIONS	DATE	BY
1	APOPKA MDP PLANNING COMMENTS	01/09/2026	JLM
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
3	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 800, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

GENERAL NOTES

APOPKA COLD STORAGE

APOPKA FLORIDA

SHEET NUMBER C1.0

STORMWATER POLLUTION PREVENTION PLAN

SITE DESCRIPTION

PROJECT NAME AND LOCATION

APOPKA COLD STORAGE
*SEE COVER SHEET FOR LOCATION MAP

DEVELOPER NAME AND ADDRESS

OWNER:
COLD LINK LOGISTICS, LLC

PROJECT DESCRIPTION

THE PROJECT CONSISTS OF A PROPOSED COLD STORAGE FACILITY EXPANSION LOCATED IN THE SOUTHEAST CORNER OF ORANGE BLOSSOM TRAIL AND LAKE VIEW DRIVE WITHIN THE CITY OF APOPKA. THE PROJECT CONTAINS 3 PARCELS WITH PARCEL NUMBER 06-21-28-7172-02-011, 06-21-28-7180-09-070, AND 06-21-28-7180-09-050. THE PROJECT IS APPROXIMATELY +/- 27.69 ACRES AND CURRENTLY HAS ROUGHLY FOUR EXISTING BUILDINGS INDUSTRIAL BUILDING WITH LOADING DOCKS AND PARKING STALLS. THE SITE ALSO HAS TWO EXISTING HOUSES BETWEEN THE EXISTING INDUSTRIAL BUILDING AND EXISTING TRUCK PARKING LOT AREA AND WILL PROPOSE THOSE TWO PARCELS TO BE REZONED ONCE ANNEXED INTO CITY OF APOPKA. ONCE REZONED, THE DEVELOPMENT CONSISTS OF THE RENOVATION OF ONE OF THE EXISTING BUILDINGS, A PROPOSED PUMP BUILDING, AN ADDITIONAL COLD STORAGE FACILITY WITH A LOADING DOCK DOOR AND AN ASSOCIATED PARKING LOT AND STRIPING.

PROJECT AREA: 27.69 ACRES

CONTRIBUTING DRAINAGE AREA: 25.90 ACRES

TOTAL CONSTRUCTION AREA: 25.90 ACRES

LONGITUDE : -81.552853 LATITUDE: 28.690683

ULTIMATE RECEIVING WATERS: xxxx

ACTIVITIES THAT REQUIRE EROSION CONTROL

SITE CLEARING AND GRUBBING; PROVIDING A STABILIZED CONSTRUCTION ENTRANCE, PERIMETER, AND OTHER EROSION AND SEDIMENT CONTROLS; EXCAVATION FOR THE RETENTION POND; SITE GRADING; INSTALLATION OF STORM WATER, SANITARY SEWER, AND WATER STRUCTURES; CURB, ROADWAYS, AND PARKING FACILITIES.

*SEE PLANS FOR THE LOCATION OF TEMPORARY SEDIMENT BARRIERS AND OTHER EROSION CONTROL METHODS.

SOIL PARAMETERS

SOIL TYPES:

NO.	SERIES NAME	HYDROLOGIC GROUP
6	CANDLER–APOPKA FINE SAND, 5 TO 12% SLOPES	A
47	TAVARES–MILLHOPPER FINE SANDS, 0 TO 5% SLOPES	A

DEWATERING

DISCHARGE OF GROUNDWATER FROM DEWATERING OPERATIONS REQUIRES APPROVAL FROM FDEP AND THE APPLICABLE WATER MANAGEMENT DISTRICT. DISCHARGES DIRECTED TO THE COUNTY'S MS4 REQUIRES A RIGHT-OF-WAY UTILIZATION PERMIT FOR DEWATERING PRIOR TO THE START OF DISCHARGES. TO OBTAIN RIGHT-OF-WAY APPROVAL, COPIES OF THE FDEP PERMIT NOI, DOCUMENTATION SHOWING DEWATERING AT THE SITE IS NOT WITHIN 500 FT OF KNOWN CONTAMINATION, AND A DEWATERING PLAN SHALL BE SUBMITTED TO ALEXIS CLARK, ORANGE COUNTY ENVIRONMENTAL PROTECTION DIVISION (407-836-1433) AND ORANGE COUNTY PUBLIC WORKS DEVELOPMENT ENGINEERING PERMITTING SECTION. ANALYTICAL SAMPLING OF GROUNDWATER MAY BE REQUESTED BY ORANGE COUNTY ON A CASE-BY-CASE BASIS TO CONFIRM SITE CONTAMINATION STATUS.

SEQUENCE OF MAJOR ACTIVITIES

THE ORDER OF CONSTRUCTION IS AS FOLLOWS:

1. PROVIDE STABILIZED CONSTRUCTION ENTRANCE
2. INSTALL SILT FENCES AND OTHER EROSION CONTROL METHODS
3. CLEAR AND GRUB FOR SEDIMENT BASIN AND EARTH DIKE
4. CONSTRUCT EARTH DIKE AND SEDIMENT BASIN
5. FINISH CLEARING AND GRUBBING
6. REMOVE AND STORE TOPSOIL
7. PROVIDE INITIAL GRADING AS REQUIRED
8. STABILIZE ALL DISTURBED AREAS AS SOON AS POSSIBLE
9. INSTALL UTILITIES, STORM SEWER, CURB AND GUTTER
10. INSTALL BASE TO ROAD AND PARKING AREA
11. FINISH GRADING ENTIRE SITE
12. CONSTRUCT FINAL PAVING
13. REMOVE ACCUMULATED SEDIMENT
14. REMOVE ANY ITEMS THAT ARE NOT REQUIRED

TIMING OF CONTROL MEASURES

THE INSTALLATION OF SILT FENCE (AND OTHER EROSION CONTROL MEASURES), A STABILIZED ENTRANCE AND SEDIMENT BASIN SHALL OCCUR PRIOR TO CLEARING AND GRUBBING ACTIVITY. AFTER CONSTRUCTION IS COMPLETE, THE ACCUMULATED SEDIMENT SHALL BE REMOVED AND THE AREAS SHALL BE REGRADED AND PERMANENTLY STABILIZED AS SHOWN ON THE PLANS.

EROSION AND SEDIMENT CONTROLS

BEST MANAGEMENT PRACTICES SHALL BE USED FOR THIS PROJECT TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUN-OFF. THE LOCATION AND DETAILS OF EROSION CONTROL METHODS ARE SHOWN ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR PLACING AND MAINTAINING THESE CONTROL METHODS AS SHOWN ON THE PLANS OR AS REQUIRED. HE/SHE SHALL ALSO PROVIDE THE REQUIRED EROSION PROTECTION AS REQUIRED BY LOCAL, STATE AND FEDERAL LAW.

STORM WATER MANAGEMENT

STORMWATER WILL BE COLLECTED BY THE CATCH-BASINS ON SITE AND WILL BE DIRECTED TO THE DRY POND. THE DRY POND SYSTEM WILL TREAT AND ATTENUATE RUNOFF IN ACCORDANCE WITH SJRWMD SPECIFICATIONS AND THE CITY OF APOPKA LAND DEVELOPMENT CODE.

STABILIZATION PRACTICES:

TEMPORARY STABILIZATION - TOPSOIL STOCK PILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASE, SHALL BE STABILIZED WITH TEMPORARY SEED AND MULCH WITHIN 7 DAYS OF THE LAST CONSTRUCTION ACTIVITY IN THAT AREA. THE TEMPORARY SEED REQUIRED CAN BE FOUND IN TABLE 1.65 A OF THE FLORIDA DEVELOPMENT MANUAL. PRIOR TO SEEDING, WHERE SOILS ARE ACIDIC 2 TONS OF PULVERIZED AGRICULTURAL LIMESTONE SHOULD BE ADDED PER ACRE AND 450 POUNDS OF 10-20-20 FERTILIZER SHALL BE APPLIED TO EACH ACRE. AFTER SEEDING, EACH AREA SHALL BE IMMEDIATELY MULCHED WITH STRAW OR EQUIVALENT EQUAL. AREAS OF THE SITE WHICH ARE TO BE PAVED SHALL BE TEMPORARILY STABILIZED BY APPLYING GEOTEXTILE AND STONE SUB-BASE UNTIL BITUMINOUS PAVEMENT CAN BE APPLIED.

PERMANENT STABILIZATION - DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASE SHALL BE STABILIZED WITH PERMANENT SEED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY. THE APPROPRIATE PERMANENT SEED MIX CAN BE FOUND IN TABLES 1.66A, 1.66B AND 1.66C OF THE FLORIDA DEVELOPMENT MANUAL. PRIOR TO SEEDING, 2 TONS/ACRE OF FINELY GROUND AGRICULTURAL LIMESTONE AND THE PROPER FERTILIZER BASED ON THE TYPE OF SEEDING SHALL BE APPLIED TO EACH ACRE TO PROVIDE PLANT NUTRIENTS. AFTER SEEDING, EACH AREA SHALL BE MULCHED IMMEDIATELY.

STRUCTURAL PRACTICES:

EARTH DIKE - IF REQUIRED, AN EARTH DIKE SHALL BE CONSTRUCTED ALONG THE SITE PERIMETER. A PORTION OF THE DIKE SHALL DIVERT RUN-ON AROUND THE CONSTRUCTION SITE. THE REMAINING PORTION OF THE DIKE SHALL COLLECT RUNOFF FROM THE DISTURBED AREA AND DIRECT THE RUNOFF TO THE SEDIMENT BASIN.

SEDIMENT BASIN - A SEDIMENT BASIN SHALL BE CONSTRUCTED IN THE COMMON DRAINAGE AREA FOR THE SITE. ALL SEDIMENT COLLECTED IN THE BASIN MUST BE REMOVED FROM THE BASIN UPON COMPLETION OF CONSTRUCTION. SEDIMENT FROM THE BASIN MAY BE USED AS FILL ON THE SITE IF IT IS SUITABLE SOIL.

WASTE DISPOSAL

WASTE MATERIALS - ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A METAL DUMPSTER WITH A SECURE LID IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITIES TO HAVE THE DUMPSTER EMPTIED AT LEAST TWICE A WEEK AND THE WASTE TAKEN TO AN APPROPRIATE LANDFILL. NO CONSTRUCTION WASTE MATERIALS SHALL BE BURIED ON SITE. THE SUPERINTENDENT SHALL ORGANIZE TRAINING FOR THE EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH WASTE MATERIALS. THE SUPERINTENDENT SHALL BE RESPONSIBLE FOR POSTING AND ENFORCING WASTE MATERIAL PROCEDURES.

HAZARDOUS WASTE - HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS OR AS DIRECTED BY THE MANUFACTURER. THE SUPERINTENDENT SHALL ORGANIZE THE PROPER TRAINING FOR EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH HAZARDOUS WASTE MATERIALS. THESE PROCEDURES SHALL BE POSTED ON THE SITE. THE PERSON WHO MANAGES THE SITE SHALL BE RESPONSIBLE FOR ENFORCING THE PROCEDURES.

SANITARY WASTE - SANITARY WASTE SHALL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITY FOR COLLECTION OF THE SANITARY WASTE AT LEAST THREE TIMES A WEEK TO PREVENT SPILLAGE ONTO THE SITE.

OFF-SITE TRACKING

A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED TO REDUCE SEDIMENT TRACKING OFFSITE. THE MAJOR ROAD CONNECTED TO THE PROJECT SHALL BE CLEANED ONCE A DAY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK RESULTING FROM CONSTRUCTION TRAFFIC. ALL TRUCKS HAULING MATERIALS OFFSITE SHALL BE COVERED WITH A TARPAULIN.

DUST & DEBRIS CONTROL

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL WITHIN THE CONSTRUCTION LIMITS AS WELL AS ALONG HAUL ROUTES AND ROADWAYS USED BY THE EQUIPMENT AND VEHICLES. THE CONTRACTOR SHALL ENSURE THAT EXCESSIVE DUST IS NOT TRANSPORTED BEYOND THE LIMITS OF CONSTRUCTION IN POPULATED AREAS. THE CONTRACTOR MAY CONTROL DUST FOR EMBANKMENTS OR OTHER CLEARED OR UNSURFACED AREAS BY APPLYING WATER. INSTALL MULCH, SEED, SOD, OR TEMPORARY PAVING AS EARLY AS PRACTICAL. CONTROL DUST DURING STORAGE AND HANDLING OF DUSTY MATERIALS BY WETTING, COVERING, OR OTHER MEANS AS APPROVED BY THE ENGINEER. CONTRACTOR SHALL ENFORCE REDUCED VEHICLE SPEEDS ON UNPAVED ROADS AND IF NECESSARY PROHIBIT CONSTRUCTION GRADING WHEN WIND GUSTS EXCEED 25 MPH, OR OTHERWISE DIRECTED BY E.O.R. OR COUNTY INSPECTOR.

DEBRIS AND TRASH SHALL NOT BE ALLOWED TO ACCUMULATE ON THE PROJECT SITE. CONTRACTOR SHALL COLLECT LOOSE DEBRIS & TRASH DAILY, AND DISPOSE OF IT INTO APPROPRIATE CONSTRUCTION TRASH RECEPTACLES OR CONTAINERS.

ITEMS REQUIRING POLLUTION PREVENTION

THE FOLLOWING ITEMS ARE EXPECTED TO BE PRESENT ON THE PROJECT SITE:

-ASPHALT
-CONCRETE
-FERTILIZERS
-METAL PIECES
-PETROLEUM BASED PRODUCTS
-TAR
-CLEANING SUPPLIES
-DETERGENTS
-MASONARY BLOCK/BRICKS
-PAINT
-WOOD

THE FOLLOWING ARE NON-STORM WATER SOURCES THAT WILL BE ENCOUNTERED AT THE SITE AND SHOULD BE DIRECTED TO THE SEDIMENT BASIN PRIOR TO DISCHARGE:

-UNCONTAMINATED GROUNDWATER EXPOSED DURING EXCAVATION
-WATER FROM WATER LINE FLUSHING
-PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED).

SPILL PREVENTION AND CONTROL

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

GOOD HOUSEKEEPING

-SUPERINTENDENT SHALL INSPECT PROJECT AREA DAILY FOR PROPER STORAGE, USE, AND DISPOSAL OF CONSTRUCTION MATERIALS.

-STORE ONLY ENOUGH MATERIAL ON SITE FOR PROJECT COMPLETION.

-ALL SUBSTANCES SHOULD BE USED BEFORE DISPOSAL OF CONTAINER.

-ALL CONSTRUCTION MATERIALS STORED SHALL BE ORGANIZED AND IN THE PROPER CONTAINER AND IF POSSIBLE, STORED UNDER A ROOF OR PROTECTIVE COVER.

-PRODUCTS SHALL NOT BE MIXED UNLESS DIRECTED BY THE MANUFACTURER.

-ALL PRODUCTS SHALL BE USED AND DISPOSED OF ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

HAZARDOUS PRODUCTS

-MATERIALS SHOULD BE KEPT IN ORIGINAL CONTAINER WITH LABELS UNLESS THE ORIGINAL CONTAINERS CANNOT BE RESEALED. IF ORIGINAL CONTAINERS CANNOT BE USED, LABELS AND PRODUCT INFORMATION SHALL BE SAVED.

-PROPER DISPOSAL PRACTICES SHALL ALWAYS BE FOLLOWED IN ACCORDANCE WITH MANUFACTURER AND LOCAL/STATE REGULATIONS.

PRODUCT SPECIFIC PRACTICES

-PETROLEUM PRODUCTS MUST BE STORED IN PROPER CONTAINERS AND CLEARLY LABELED. VEHICLES CONTAINING PETROLEUM PRODUCTS SHALL BE PERIODICALLY INSPECTED FOR LEAKS. PRECAUTIONS SHALL BE TAKEN TO AVOID LEAKAGE OF PETROLEUM PRODUCTS ON SITE.

-THE MINIMUM AMOUNT OF FERTILIZER SHALL BE USED AND MIXED INTO THE SOIL IN ORDER TO LIMIT EXPOSURE TO STORM WATER. FERTILIZERS SHALL BE STORED IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

-PAINT CONTAINERS SHALL BE SEALED AND STORED WHEN NOT IN USE. EXCESS PAINT MUST BE DISPOSED OF IN AN APPROVED MANNER.

-CONCRETE TRUCKS SHALL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.

SPILL CONTROL PRACTICES

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

-SPILL CLEANUP INFORMATION SHALL BE POSTED ON SITE TO INFORM EMPLOYEES ABOUT CLEANUP PROCEDURES AND RESOURCES.

-THE FOLLOWING CLEAN-UP EQUIPMENT MUST BE KEPT ON-SITE NEAR THE MATERIAL STORAGE AREA: GLOVES, MOPS, RAGS, BROOMS, DUST PANS, SAND, SAWDUST, LIQUID ABSORBER, GOGGLES, AND TRASH CONTAINERS.

-ALL SPILLS SHALL BE CLEANED UP AS SOON AS POSSIBLE.

-WHEN CLEANING A SPILL, THE AREA SHOULD BE WELL VENTILATED AND THE EMPLOYEE SHALL WEAR PROPER PROTECTIVE COVERING TO PREVENT INJURY.

-TOXIC SPILLS MUST BE REPORTED TO THE PROPER AUTHORITY REGARDLESS OF THE SIZE OF THE SPILL.

-AFTER A SPILL, THE PREVENTION PLAN SHALL BE REVIEWED AND CHANGED TO PREVENT FURTHER SIMILAR SPILLS FROM OCCURRING. THE CAUSE OF THE SPILL, MEASURES TO PREVENT IT, AND HOW TO CLEAN THE SPILL UP SHALL BE RECORDED.

-THE SUPERINTENDENT SHALL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR AND IS RESPONSIBLE FOR THE DAY TO DAY SITE OPERATIONS. THE SUPERINTENDENT ALSO OVERSEES THE SPILL PREVENTION PLAN AND SHALL BE RESPONSIBLE FOR EDUCATING THE EMPLOYEES ABOUT SPILL PREVENTION AND CLEANUP PROCEDURES.

MAINTENANCE AND INSPECTION PRACTICES

THE FOLLOWING ARE MAINTENANCE AND INSPECTION PRACTICES THAT SHALL BE COMPLETED BY THE CONTRACTOR:

-ALL SEDIMENT AND EROSION CONTROL METHODS SHALL BE CHECKED AT A MINIMUM OF EVERY 7 DAYS AND WITHIN 24 HOURS OF EACH 0.5 INCH OR GREATER RAINFALL BY THE SUPERINTENDENT OR SOMEONE UNDER HIS/HER DIRECT SUPERVISION.

-ALL SEDIMENT AND EROSION CONTROL METHODS SHALL BE KEPT IN GOOD CONDITION. REPAIRS MUST BE MADE WITHIN 24 HOURS OF REPORT.

-THE SILT FENCE SHALL BE INSPECTED AT A MINIMUM OF EVERY 7 DAYS AND WITHIN 24 HOURS OF A 0.5" OR GREATER RAIN EVENT FOR HEIGHT OF SEDIMENT AND CONDITION OF FENCE.

-THE SILT FENCE SHALL BE CLEARED OF SEDIMENT WHEN SEDIMENT MEASURES ONE-THIRD THE HEIGHT OF THE FENCE.

-THE SEDIMENT BASINS/DITCHES SHALL BE CHECKED AT A MINIMUM OF EVERY 7 DAYS AND WITHIN 24 HOURS OF A 0.5" OR GREATER RAIN EVENT FOR DEPTH OF SEDIMENT. THEY SHALL BE CLEANED WHEN SEDIMENT REACHES 10% OF TOTAL CAPACITY AND AFTER CONSTRUCTION IS COMPLETE.

-DIVERSION DIKES SHALL BE INSPECTED AT A MINIMUM OF EVERY 7 DAYS AND WITHIN 24 HOURS OF A 0.5" OR GREATER RAIN EVENT. ANY BREACHES SHALL BE PROMPTLY REPAIRED.

-ALL SEEDING SHALL BE CHECKED FOR PROPER GROWTH AND UNIFORMITY. UNSTABALIZED AREAS SHALL BE RE-SODDED.

-A MAINTENANCE REPORT SHALL BE COMPLETED DAILY AFTER EACH INSPECTION OF THE SEDIMENT AND EROSION CONTROL METHODS. THE REPORTS SHALL BE FILED IN AN ORGANIZED MANNER AND RETAINED ON-SITE DURING CONSTRUCTION. AFTER CONSTRUCTION IS COMPLETED, THE REPORTS SHALL BE SAVED FOR AT LEAST THREE YEARS. THE REPORTS SHALL BE AVAILABLE FOR ANY AGENCY THAT HAS JURISDICTION OVER EROSION CONTROL.

-THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION PROCEDURES AND PROPER EROSION CONTROL METHODS FOR EMPLOYEES THAT COMPLETE INSPECTIONS AND REPORTS.

POLLUTION PREVENTION PLAN CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNED: _____ DATE:_____

JOSHUA M. ENOT, P.E.
FLORIDA REGISTRATION NUMBER: 93160
PROFESSIONAL ENGINEER

CONTRACTOR'S CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FORM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER.

SIGNATURE AND DATE	NAME AND TITLE, COMPANY / ADDRESS AND TELEPHONE NUMBER	RESPONSIBILITY

NO.	REVISIONS	DATE	BY
3	APOPKA MDP PLANNING COMMENTS	01/08/2026	JLM
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG

Kimley»Horn

© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

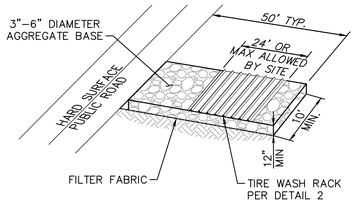
KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

SWPPP

APOPKA COLD STORAGE
APOPKA FLORIDA

SHEET NUMBER
C2.0

Plotted By: Enot, Joshua Sheet Set: Cold Link CD Layout: C2.0 STORMWATER POLLUTION PREVENTION PLAN April 23, 2026 09:18:48am K:\ORL_Civil\049607003-Cold Link Apopka\CADD\MDP\Plansheets\C2.0-SWPPP.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



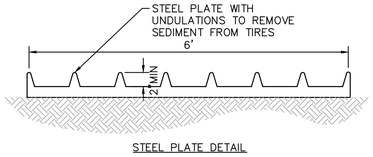
NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS–OF–WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT–OF–WAY.

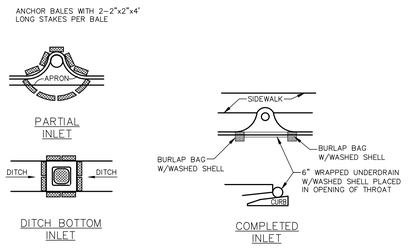
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

STABILIZED CONSTRUCTION ENTRANCE 1

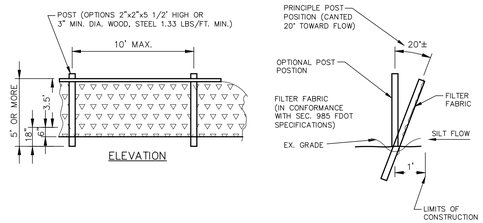


STEEL PLATE DETAIL

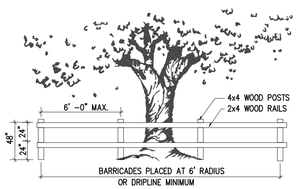
TIRE WASH RACK 2
N.T.S.



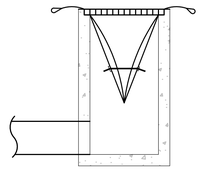
INLET PROTECTION 3
N.T.S.



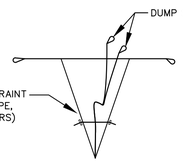
TYPICAL SILT FENCE 4
N.T.S.



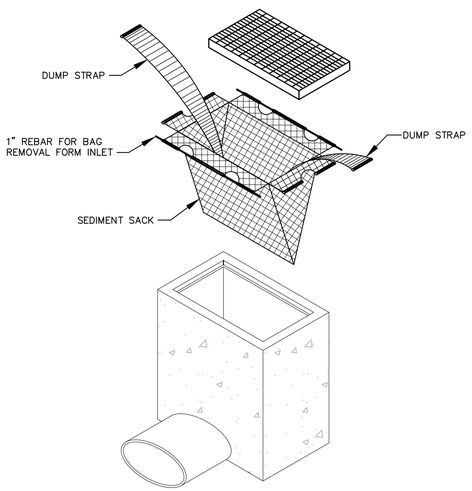
TREE PROTECTION DETAIL
NTS



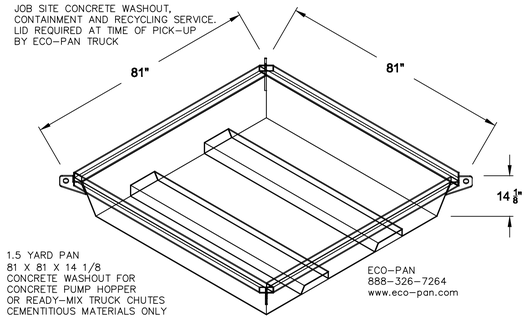
INSTALLATION DETAIL



BAG DETAIL



STANDARD INLET SEDIMENT CONTROL DEVICE
NTS



NOTE:

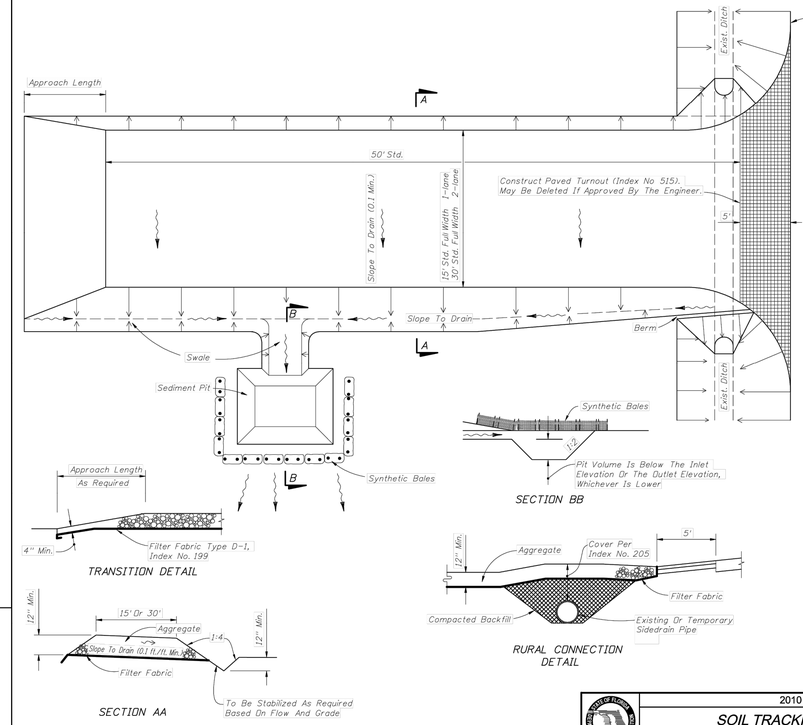
1. WASHOUT AREA TO CONTAIN A MINIMUM OF 3 CY (IE 9' BY 9' BY 1' DEEP).

2. REMOVE AND LEGALLY DISPOSE OF WASTE MATERIAL WHEN IT ACCUMULATES TO 2/3 OF WET STORAGE CAPACITY.

3. CONCRETE WASHOUT AREA TO BE REPAIRED AND/OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY.

4. UPON COMPLETION OF CONSTRUCTION ACTIVITIES REQUIRING CONCRETE WASHOUT, REMOVE WASHOUT AND RESTORE THE AREA TO FINISH GRADE.

CONCRETE TRUCK WASHOUT 5
N.T.S



GENERAL NOTES

1. A Soil Tracking Prevention Device (STPD) shall be constructed at locations designated by the engineer for points of egress from unstabilized areas of the project to public roads where off–site tracking of mud could occur. Traffic from unstabilized areas of the construction project shall be directed thru a STPD. Barriers, flagging, or other positive means shall be used as required to limit and direct vehicular egress across the STPD.
2. The Contractor may propose an alternative technique to minimize off–site tracking of sediment. The alternative must be reviewed and approved by the Engineer prior to its use.
3. All materials spilled, dropped, or tracked onto public roads (including the STPD aggregate and construction mud) shall be removed daily, or more frequently if so directed by the Engineer.
4. Aggregates shall be as described in Section 901 excluding 901–2.3. Aggregates shall be FDOT size #1. If this size is not available, the next available smaller size aggregate may be substituted with the approval of the Engineer. Sizes containing excessive small aggregate will track off the project and are unsuitable.
5. The sediment pit should provide a retention volume of 3600 cubic feet/acre of surface area draining to the pit. When the STPD is isolated from other drainage areas, the following pit volumes will satisfy this requirement:
   15'x 50'=100 ft.³ 30' x 50'=200 ft.³
   As an option to the sediment pit, the width of the swale bottom can be increased to obtain the volume. When the sediment pit or swale volume has been reduced to one half, it shall be cleaned. When a swale is used, synthetic bales or silt fence shall be placed along the entire length.
6. The swale ditch draining the STPD shall have a 0.02% minimum and a 1.0% maximum grade along the STPD and to the sediment pit.
7. Mitered end sections are not required when the sidedrain pipe satisfies the clear zone requirements.
8. The STPD shall be maintained in a condition that will allow it to perform its function. To prevent off–site tracking, the STPD shall be rinsed (daily when in use) to move accumulated mud downward thru the stone. Additional stabilization of the vehicular route leading to the STPD may be required to limit the mud tracked.
9. A STPD shall be paid for under the contract unit price for Soil Tracking Prevention Device, EA. The unit price shall constitute full compensation for construction, maintenance, replacement of materials, removal, and restoration of the area utilized for the STPD; including but not limited to excavation, grading, temporary pipe (including MES when required), filter fabric, aggregate, paved turnout (including asphalt and base construction), ditch stabilization, approach route stabilization, sediment removal and disposal, water, rinsing and cleaning of the STPD and cleaning of public roads, grassing and sod. Synthetic Bale or Bale Type Barrier shall be paid for under the contract unit price for Synthetic Bales, LF. Silt fence shall be paid for under the contract unit price for Staked Silt Fence, LF.
10. The nominal size of a standard STPD is 15'x 50' unless otherwise shown in the plans. If the volume of entering and existing vehicles warrant, a 30' width STPD may be used if approved by the Engineer. When a double width (30') STPD is used, the pay quantity shall be 2 for each location.

2010 FDOT Design Standards	Last Revision	Sheet No.
SOIL TRACKING PREVENTION DEVICE TYPE A	07/01/07	1 of 1
	Index No. 106	

No.	REVISIONS	DATE	BY
3	APOPKA MDP PLANNING COMMENTS	01/08/2026	JLM
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

Kimley»Horn

© 2026 KIMLEY–HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898–1511
WWW.KIMLEY–HORN.COM REGISTRY No. 35106

EROSION CONTROL DETAILS

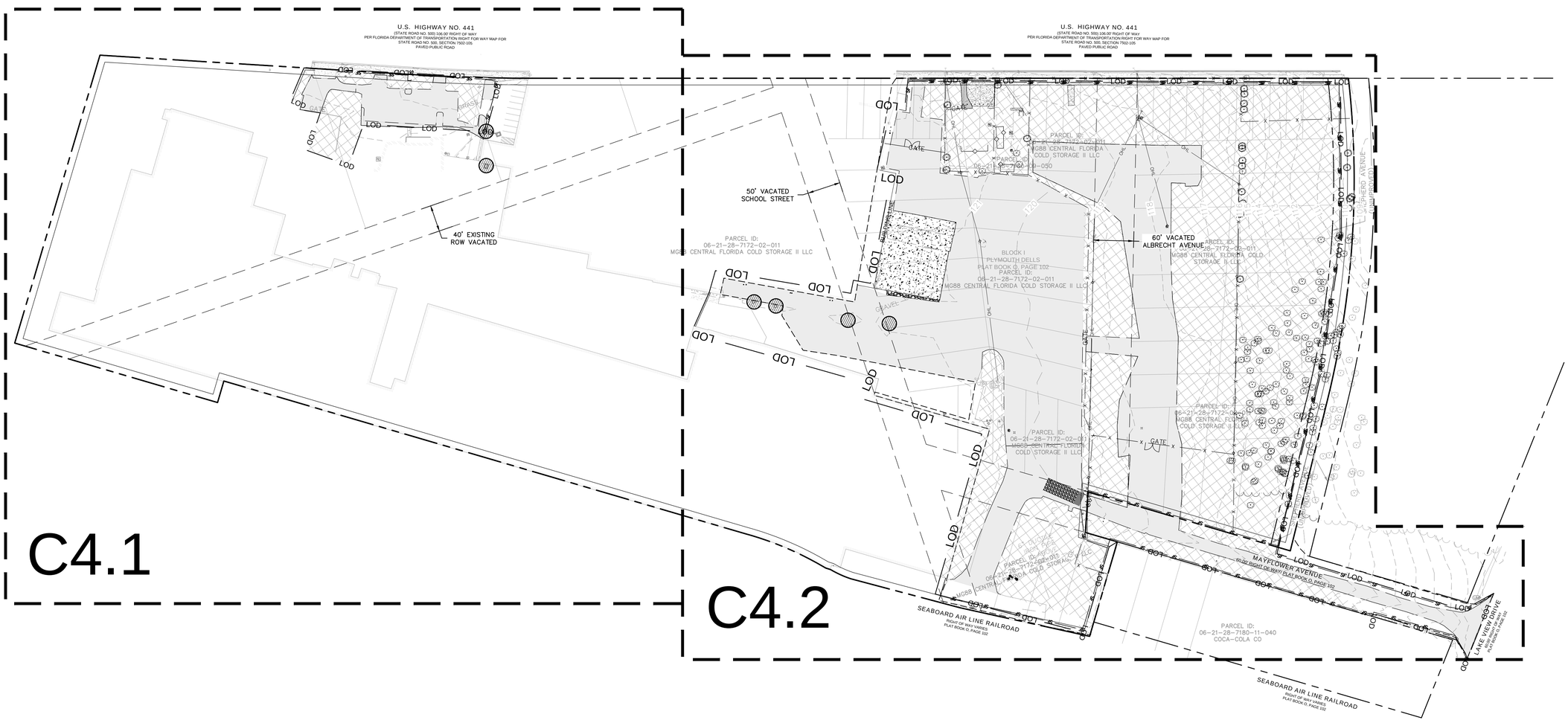
APOPKA COLD STORAGE

APOPKA FLORIDA

SHEET NUMBER C3.0

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley–Horn and Associates, Inc. shall be without liability to Kimley–Horn and Associates, Inc.

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



LEGEND

- EXISTING ASPHALT TO BE REMOVED
- EXISTING CONCRETE/CURB TO BE REMOVED
- GRAVEL TO BE REMOVED
- AREA TO BE CLEARED AND GRUBBED. EXISTING SITE FEATURES TO BE REMOVED OR DEMOLISHED UNLESS OTHERWISE NOTED. REFER TO THE LANDSCAPE PLAN FOR TREE REMOVAL AND PROTECTION
- PROPERTY LINE
- SEDIMENT BAGS
- SILT FENCE (SF)
- CENTER LINE
- EASEMENT / SETBACK LINE
- LOD — LIMITS OF DISTURBANCE
- INLET PROTECTION
- GEOTECH BORING

NOTES

1. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR DEMOLITION REQUIREMENTS OF ELECTRICAL SYSTEMS.
2. CONTRACTOR SHALL UTILIZE BEST MANAGEMENT PRACTICES AS NEEDED TO PREVENT SYSTEM POLLUTION, EROSION, AND MANAGEMENT OF OFF-SITE DRAINAGE DURING TIME OF CONSTRUCTION.
3. REFER TO SWPPP SHEET C2.0 FOR ADDITIONAL NOTES AND DETAILS.
4. INSTALL AND MAINTAIN SILT FENCE AT LIMITS OF CONSTRUCTION. WIRE MESH REINFORCED SILT FENCE SHALL BE USED AT ALL POINTS ALONG PROPERTY BOUNDARY WITH OFF-SITE STORMWATER FLOWS. SEE DETAIL SHEET C3.0. IN THE EVENT THAT ADDITIONAL STRENGTH IS NEEDED, FILTER FABRIC MATERIAL CAN BE ATTACHED TO A 6-INCH (MAX) MESH WIRE SCREEN WHICH HAS BEEN FASTENED TO THE POSTS.
5. PROVIDE SOIL TRACKING PREVENTION DEVICE AT ALL CONSTRUCTION ACCESS POINTS. SEE DETAIL SHEET C3.0.
6. UTILIZE PERFORATED SOCK DRAIN (OR EQUIVALENT) IN FRONT OF EXISTING/PROPOSED CURB INLETS ADJACENT TO CONSTRUCTION ACTIVITIES. SEE DETAIL SHEET C3.0.
7. INSTALL AND MAINTAIN FILTER FABRIC UNDER GRATES OF EXISTING/PROPOSED INLETS, SEE SHEET C3.0.
8. CONTRACTOR TO ENSURE ADEQUATE COVER REMAINS OVER ALL EXISTING UTILITIES.
9. CONTRACTOR TO VERIFY EXISTING COVER OVER ALL UTILITIES BEFORE START OF CONSTRUCTION AND TO COORDINATE WITH THE ENGINEER OF RECORD PRIOR TO START OF CONSTRUCTION IF DESIGN DOES NOT PROVIDE 36" COVER.
10. ANY EXISTING WELLS (I.E. ARTESIAN, IRRIGATION, DRINKING, MONITORING, ETC.) DISCOVERED ON-SITE MUST BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN A MANNER APPROVED BY ALL APPLICABLE JURISDICTIONAL AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY WELL ABANDONMENT PERMITS REQUIRED. ANY WELL DISCOVERED DURING EARTHWORK OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES, OWNER, AND OWNER'S ENGINEER WITHIN 24 HOURS AFTER DISCOVERY IS MADE.
11. THERE MAY BE ON-SITE UNDERGROUND UTILITIES (INCLUDING BUT NOT LIMITED TO IRRIGATION, SANITARY SEWER, POTABLE WATER LINES, NATURAL GAS LINES, ELECTRIC, TELEPHONE AND CABLE LINES) THAT WERE NOT LOCATED OR IDENTIFIED BY THE PROJECT SURVEYOR. PRIOR TO CONSTRUCTION START, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ON-SITE UTILITIES AND RIGHT-OF-WAY UTILITIES.
12. IF ANY SEPTIC TANKS OR DRAIN FIELDS ARE FOUND, CONTRACTOR SHALL FOLLOW ALL LOCAL, STATE, AND FEDERAL CODE REQUIREMENTS FOR REMOVAL.
13. IF EXISTING UTILITIES ARE DISCOVERED THAT ARE NOT IDENTIFIED BY THE CONSTRUCTION DOCUMENTS, AND WILL BE IMPACTED BY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY PRIOR TO PROCEEDING WITH CONSTRUCTION.
14. CONTRACTOR TO MAINTAIN EXISTING OFF-SITE AND ONSITE DRAINAGE PATTERNS THROUGHOUT CONSTRUCTION
15. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THE EXISTING UTILITY INFORMATION SHOWN IS BASED ON THE TOPOGRAPHIC SURVEY PROVIDED BY LEADING EDGE LAND SERVICES, INC. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES AFFECTING THIS AREA PRIOR TO CONSTRUCTION WORK.
16. ELEVATIONS SHOWN ON THIS PLAN ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM 88 (NAVD 88)
17. THERE MAY BE AN ON-SITE SEPTIC SYSTEM. CONTRACTOR IS TO FOLLOW ALL LOCAL, STATE, AND FEDERAL REGULATIONS FOR THE ABANDONMENT AND REMOVAL OF THE SEPTIC SYSTEM.
18. CONTRACTOR TO FOLLOW ALL LOCAL, STATE, AND FEDERAL CODE REQUIREMENTS FOR THE REMOVAL OF ANY SEPTIC TANKS AND/OR DRAIN FIELDS IF THEY ARE FOUND ON SITE AT THE TIME OF CONSTRUCTION.

NORTH

GRAPHIC SCALE IN FEET
0 40 80 160
1" = 80'
WHEN PRINTED AT FULL SIZE
(24" X 36")

Always call 811 two full business days before you dig to have underground utilities located and marked.
Sunshine811.com

No.	DATE	BY
3	01/09/2026	JLM
2	12/02/2025	ARP
1	12/02/2025	AG
	REVISIONS	

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

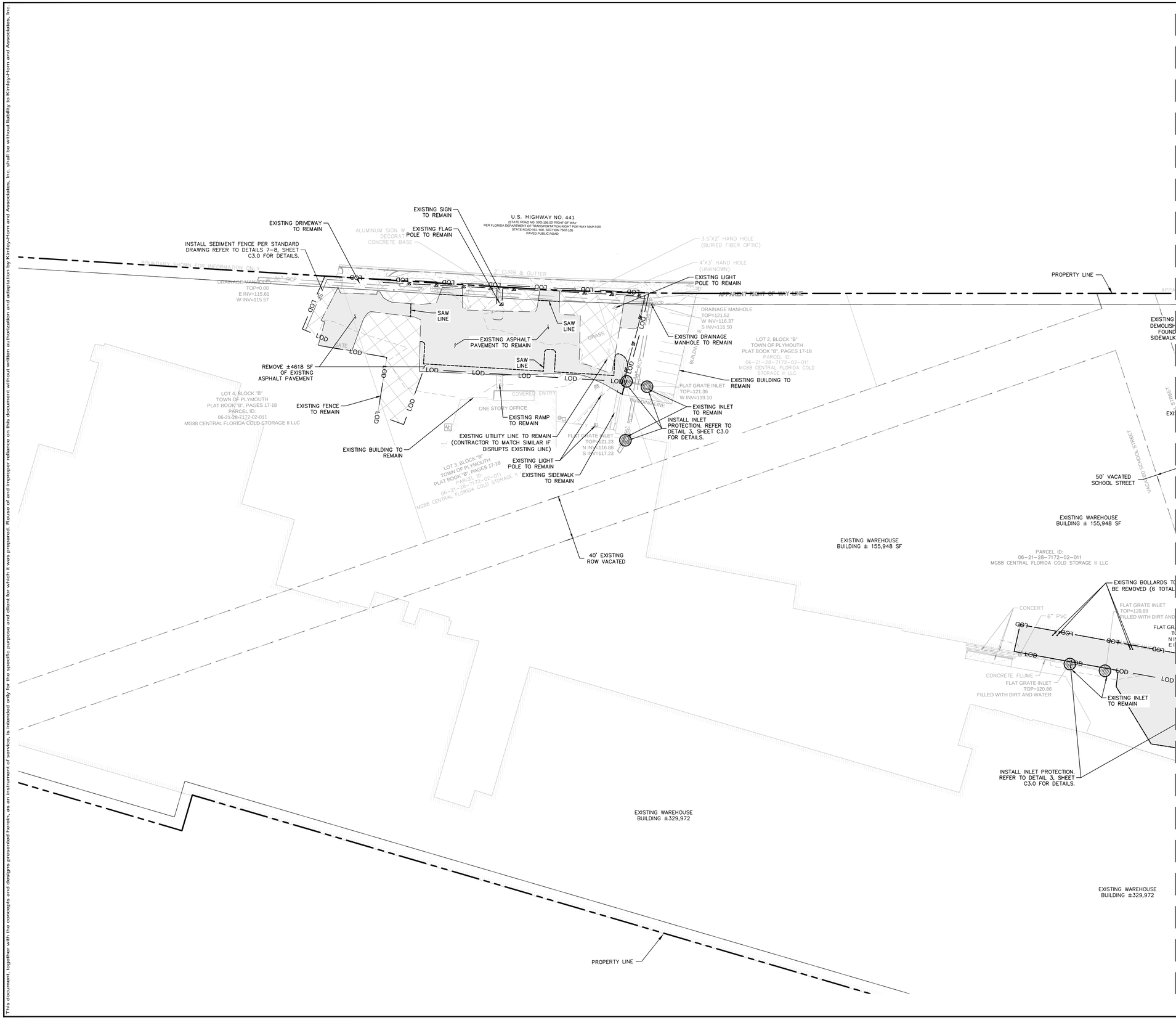
EXISTING CONDITIONS AND DEMO PLAN

APOPKA COLD STORAGE

FLORIDA
APOPKA

SHEET NUMBER
C4.0

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



GRAPHIC SCALE IN FEET
0 20 40 80
1" = 40'
WHEN PRINTED AT FULL SIZE (24" X 36")

NORTH

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

LEGEND

- EXISTING ASPHALT TO BE REMOVED
- EXISTING CONCRETE/CURB TO BE REMOVED
- GRAVEL TO BE REMOVED
- AREA TO BE CLEARED AND GRUBBED. EXISTING SITE FEATURES TO BE REMOVED OR DEMOLISHED UNLESS OTHERWSE NOTED. REFER TO THE LANDSCAPE PLAN FOR TREE REMOVAL AND PROTECTION
- PROPERTY LINE
- SAWCUT LINE
- SF SILT FENCE SF
- CENTER LINE
- EASEMENT / SETBACK LINE
- LOD LIMITS OF DISTURBANCE
- INLET PROTECTION
- GEOTECH BORING
- EXISTING TREE TO BE PROTECTED
- EXISTING TREE TO BE REMOVED

NOTES

1. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR DEMOLITION REQUIREMENTS OF ELECTRICAL SYSTEMS.
2. CONTRACTOR SHALL UTILIZE BEST MANAGEMENT PRACTICES AS NEEDED TO PREVENT SYSTEM POLLUTION, EROSION, AND MANAGEMENT OF OFF-SITE DRAINAGE DURING TIME OF CONSTRUCTION.
3. REFER TO SWPPP SHEET C2.0 FOR ADDITIONAL NOTES AND DETAILS.
4. INSTALL AND MAINTAIN SILT FENCE AT LIMITS OF CONSTRUCTION. WIRE MESH REINFORCED SILT FENCE SHALL BE USED AT ALL POINTS ALONG PROPERTY BOUNDARY WITH OFF-SITE STORMWATER FLOWS. SEE DETAIL SHEET C3.0. IN THE EVENT THAT ADDITIONAL STRENGTH IS NEEDED, FILTER FABRIC MATERIAL CAN BE ATTACHED TO A 6-INCH (MAX) MESH WIRE SCREEN WHICH HAS BEEN FASTENED TO THE POSTS.
5. PROVIDE SOIL TRACKING PREVENTION DEVICE AT ALL CONSTRUCTION ACCESS POINTS. SEE DETAIL SHEET C3.0.
6. UTILIZE PERFORATED SOCK DRAIN (OR EQUIVALENT) IN FRONT OF EXISTING/PROPOSED CURB INLETS ADJACENT TO CONSTRUCTION ACTIVITIES. SEE DETAIL SHEET C3.0.
7. INSTALL AND MAINTAIN FILTER FABRIC UNDER GRATES OF EXISTING/PROPOSED INLETS, SEE SHEET C3.0.
8. CONTRACTOR TO ENSURE ADEQUATE COVER REMAINS OVER ALL EXISTING UTILITIES.
9. CONTRACTOR TO VERIFY EXISTING COVER OVER ALL UTILITIES BEFORE START OF CONSTRUCTION AND TO COORDINATE WITH THE ENGINEER OF RECORD PRIOR TO START OF CONSTRUCTION IF DESIGN DOES NOT PROVIDE 36" COVER.
10. ANY EXISTING WELLS (I.E. ARTESIAN, IRRIGATION, DRINKING, MONITORING, ETC.) DISCOVERED ON-SITE MUST BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN A MANNER APPROVED BY ALL APPLICABLE JURISDICTIONAL AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY WELL ABANDONMENT PERMITS REQUIRED. ANY WELL DISCOVERED DURING EARTHWORK OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES, OWNER, AND OWNER'S ENGINEER WITHIN 24 HOURS AFTER DISCOVERY IS MADE.
11. THERE MAY BE ON-SITE UNDERGROUND UTILITIES (INCLUDING BUT NOT LIMITED TO IRRIGATION, SANITARY SEWER, POTABLE WATER LINES, NATURAL GAS LINES, ELECTRIC, TELEPHONE AND CABLE LINES) THAT WERE NOT LOCATED OR IDENTIFIED BY THE PROJECT SURVEYOR. PRIOR TO CONSTRUCTION START, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ON-SITE UTILITIES AND RIGHT-OF-WAY UTILITIES.
12. IF ANY SEPTIC TANKS OR DRAIN FIELDS ARE FOUND, CONTRACTOR SHALL FOLLOW ALL LOCAL, STATE, AND FEDERAL CODE REQUIREMENTS FOR REMOVAL.
13. IF EXISTING UTILITIES ARE DISCOVERED THAT ARE NOT IDENTIFIED BY THE CONSTRUCTION DOCUMENTS, AND WILL BE IMPACTED BY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY PRIOR TO PROCEEDING WITH CONSTRUCTION.
14. CONTRACTOR TO MAINTAIN EXISTING OFF-SITE AND ONSITE DRAINAGE PATTERNS THROUGHOUT CONSTRUCTION
15. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THE EXISTING UTILITY INFORMATION SHOWN IS BASED ON THE TOPOGRAPHIC SURVEY PROVIDED BY LEADING EDGE LAND SERVICES, INC. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES AFFECTING THIS AREA PRIOR TO CONSTRUCTION WORK.
16. ELEVATIONS SHOWN ON THIS PLAN ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM 88 (NAVD 88)
17. THERE MAY BE AN ON-SITE SEPTIC SYSTEM. CONTRACTOR IS TO FOLLOW ALL LOCAL, STATE, AND FEDERAL REGULATIONS FOR THE ABANDONMENT AND REMOVAL OF THE SEPTIC SYSTEM.
18. CONTRACTOR TO FOLLOW ALL LOCAL, STATE, AND FEDERAL CODE REQUIREMENTS FOR THE REMOVAL OF ANY SEPTIC TANKS AND/OR DRAIN FIELDS IF THEY ARE FOUND ON SITE AT THE TIME OF CONSTRUCTION.

No.	REVISIONS	DATE	BY
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
3	APOPKA MDP PLANNING COMMENTS	01/08/2026	JLM

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.

200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL 32801
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT	049607003
DATE	4/23/26
SCALE	AS SHOWN
DESIGNED BY	DVS
DRAWN BY	JAM
CHECKED BY	JME

DETAILED EXISTING CONDTIONS AND DEMO PLAN

APOPKA COLD STORAGE

APOPKA FLORIDA

SHEET NUMBER
C4.1

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

MATCHLINE SHEET C4.1

PROPERTY LINE
EXISTING BRICK PAVEMENT TO BE REMOVED
EXISTING ONE-STORY BUILDING TO BE DEMOLISHED INCLUDING IT'S FOOTINGS, FOUNDATION, CANOPIES, PLANTERS, SIDEWALKS AND CONNECTED UTILITIES.
EXISTING AIR CONDITIONING UNIT TO BE REMOVED
REMOVE EXISTING SIGN
50' VACATED SCHOOL STREET
EXISTING ±95 LF WALL WITH HANDRAIL TO BE REMOVED
EXISTING ±89 LF WALL WITH HANDRAIL TO BE REMOVED
EXISTING ±95 LF TRENCH DRAIN TO BE REMOVED
EXISTING WAREHOUSE BUILDING ± 155,948 SF
PARCEL ID: 06-21-28-7172-02-011 MG88 CENTRAL FLORIDA COLD STORAGE II LLC
EXISTING BOLLARDS TO BE REMOVED (6 TOTAL)
EXISTING INLET TO REMAIN
EXISTING INLET TO BE REMOVED
INSTALL INLET PROTECTION. REFER TO DETAIL 3, SHEET C3.0 FOR DETAILS.
EXISTING ±25 LF PIPE TO BE REMOVED
EXISTING ±62 LF PIPE TO BE REMOVED
EXISTING LOADING DOCK AREA (±12,107 SF OF CONCRETE) AND ASSOCIATED APPARATUS TO BE REMOVED
EXISTING MECHANICAL ROOM TO REMAIN
EXISTING FIRE SPRINKLER SYSTEM TO REMAIN
EXISTING WAREHOUSE BUILDING ±329,972
NSTALL STABILIZED CONSTRUCTION ENTRANCE/EXIT; PER STANDARD DRAWING REFER TO DETAIL 5, SHEET C3.0 FOR DETAILS. INSTALL TIRE WASH (DRIVE-THROUGH) PER STANDARD DRAWING. REFER TO DETAIL 6, SHEET C3.0 FOR DETAILS
EXISTING ONE-STORY BUILDING TO BE DEMOLISHED INCLUDING IT'S FOOTINGS, FOUNDATION, CANOPIES, PLANTERS, SIDEWALKS AND CONNECTED UTILITIES.
SANITARY AREA, TRASH STORAGE, HAZARDOUS MATERIAL, CONCRETE MANAGEMENT, VEHICLE MAINTENANCE AND EQUIPMENT STORAGE AREA
STOCKPILE AREA
8" DUCTILE IRON PIPE POSSIBLE GAS VALVE PAINTED YELLOW
SEABOARD AIR LINE RAILROAD
EXISTING DRAINAGE INLET TO REMAIN
INSTALL INLET PROTECTION. REFER TO DETAIL 3, SHEET C3.0 FOR DETAILS.
EXISTING SIDEWALK TO REMAIN
INSTALL SEDIMENT FENCE PER STANDARD DRAWING REFER TO DETAILS 7-8, SHEET C3.0 FOR DETAILS.
EXISTING DRAINAGE INLET TO REMAIN
INSTALL INLET PROTECTION. REFER TO DETAIL 3, SHEET C3.0 FOR DETAILS.
EXISTING ±1,675 SF CONCRETE PAVEMENT TO BE REMOVED
CONCRETE BOLLARD TO BE REMOVED (8 TOTAL)
SAWCUT AND REMOVE EXISTING ±337 SIDEWALK/CONCRETE PAVEMENT
EXISTING POWER POLE TO BE REMOVED
EXISTING ELECTRIC SERVICE FIXTURE TO BE RE-ROUTED IF NEEDED
REMOVE EXISTING GATE/FENCE (TYP.)
EXISTING OVERHEAD LINE TO BE RE-ROUTED ALONG WITH EXISTING LIGHT POLE
EXISTING METAL SHED TO BE REMOVED
EXISTING WOOD SHED TO BE REMOVED
EXISTING DUMPSTER ENCLOSURE AND STORAGE BUILDING TO BE DEMOLISHED INCLUDING IT'S FOOTINGS, BOLLARDS, GATES AND CONNECTED UTILITIES.
60' VACATED ALBRECHT AVENUE
EXISTING POWER POLE TO BE REMOVED
SAWCUT AND REMOVE ±176,194 SF EXISTING ASPHALT PAVEMENT
REMOVE ±2,757 LF OF EXISTING GATE/FENCE (TYP.)
SITE BENCHMARK SET 5/8" IRON ROD "SSMC TRAV. PT." ELEVATION=121.84
EXISTING UTILITY APPURTENANCES TO REMAIN
3"Ø WOOD POST WITH 3/4" PVC SPRINT TELEPHONE RISER
LIGHT POLE TO BE REMOVED
ELECTRIC METER TO BE REMOVED
SITE BENCHMARK SET NAIL & DISK "SSMC TRAV. PT." ELEVATION=120.03
SITE BENCHMARK SET NAIL & DISK "SSMC TRAV. PT." ELEVATION=120.46
CONCRETE BOLLARD TO BE REMOVED (2 TOTAL)
SAWCUT AND REMOVE ±15,010 SF EXISTING ASPHALT PAVEMENT
SIGN TO BE REMOVED (TYP.)
RELOCATE EXISTING UTILITY; CONTRACTOR TO CONFIRM TYPE/LOCATION WITH OWNER & UTILITY PROVIDER BEFORE START OF WORK
INSTALL CONCRETE WASHOUT PER STANDARD DRAWING. REFER TO DETAIL 5, SHEET C3.0 FOR DETAILS.
INSTALL SILT FENCE. SHEET C3.0 FOR DETAILS.
SIGN TO BE REMOVED (TYP.)
SIGN TO REMAIN (TYP.)
BURIED UNKNOWN LINE IN BAD CONDITION ONLY TOP EXPOSED
REMOVE EXISTING BOLLARDS (2 TOTAL)
EXISTING SIDEWALK TO REMAIN
MAYFLOWER AVENUE 60.00' RIGHT OF WAY PLAT BOOK O, PAGE 102
SHEPHERD AVENUE (UNIMPROVED)
LAKE VIEW DRIVE 80.00' RIGHT OF WAY PLAT BOOK O, PAGE 102

BLOCK I PLYMOUTH DELLS PLAT BOOK O, PAGE 102
BLOCK H PLYMOUTH DELLS PLAT BOOK O, PAGE 102
BLOCK G PLYMOUTH DELLS PLAT BOOK O, PAGE 102
BLOCK K PLYMOUTH DELLS PLAT BOOK O, PAGE 102
PARCEL ID: 06-21-28-7172-02-011 MG88 CENTRAL FLORIDA COLD STORAGE II LLC
PARCEL ID: 06-21-28-7180-11-040 COCA-COLA CO
VACATED ALBRECHT AVENUE
VACATED MAYFLOWER AVENUE
ONE STORY COMMERCIAL BUILDING
FOUND CONCRETE MONUMENT NO ID
HAND HOLE (BURIED FIBER OPTIC)
BURIED GAS LINE FLORIDA GAS TRANSMISSION YELLOW PIN FLAGS
GAS LINE MARKER
ORANGE PINK FLA
CENTURY L HAND HOLE
CENTURY TELEPHO

LEGEND

- EXISTING ASPHALT TO BE REMOVED
- EXISTING CONCRETE/CURB TO BE REMOVED
- GRAVEL TO BE REMOVED
- AREA TO BE CLEARED AND GRUBBED. EXISTING SITE FEATURES TO BE REMOVED OR DEMOLISHED UNLESS OTHERWISE NOTED. REFER TO THE LANDSCAPE PLAN FOR TREE REMOVAL AND PROTECTION
- PROPERTY LINE
- SAWCUT LINE
- SILT FENCE (SF)
- CENTER LINE
- EASEMENT / SETBACK LINE
- LOD — LIMITS OF DISTURBANCE
- INLET PROTECTION
- GEOTECH BORING
- EXISTING TREE TO BE PROTECTED
- EXISTING TREE TO BE REMOVED

NOTES

1. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR DEMOLITION REQUIREMENTS OF ELECTRICAL SYSTEMS.
2. CONTRACTOR SHALL UTILIZE BEST MANAGEMENT PRACTICES AS NEEDED TO PREVENT SYSTEM POLLUTION, EROSION, AND MANAGEMENT OF OFF-SITE DRAINAGE DURING TIME OF CONSTRUCTION.
3. REFER TO SWPPP SHEET C2.0 FOR ADDITIONAL NOTES AND DETAILS.
4. INSTALL AND MAINTAIN SILT FENCE AT LIMITS OF CONSTRUCTION. WIRE MESH REINFORCED SILT FENCE SHALL BE USED AT ALL POINTS ALONG PROPERTY BOUNDARY WITH OFF-SITE STORMWATER FLOWS. SEE DETAIL SHEET C3.0. IN THE EVENT THAT ADDITIONAL STRENGTH IS NEEDED, FILTER FABRIC MATERIAL CAN BE ATTACHED TO A 6-INCH (MAX) MESH WIRE SCREEN WHICH HAS BEEN FASTENED TO THE POSTS.
5. PROVIDE SOIL TRACKING PREVENTION DEVICE AT ALL CONSTRUCTION ACCESS POINTS. SEE DETAIL SHEET C3.0.
6. UTILIZE PERFORATED SOCK DRAIN (OR EQUIVALENT) IN FRONT OF EXISTING/PROPOSED CURB INLETS ADJACENT TO CONSTRUCTION ACTIVITIES. SEE DETAIL SHEET C3.0.
7. INSTALL AND MAINTAIN FILTER FABRIC UNDER GRATES OF EXISTING/PROPOSED INLETS, SEE SHEET C3.0.
8. CONTRACTOR TO ENSURE ADEQUATE COVER REMAINS OVER ALL EXISTING UTILITIES.
9. CONTRACTOR TO VERIFY EXISTING COVER OVER ALL UTILITIES BEFORE START OF CONSTRUCTION AND TO COORDINATE WITH THE ENGINEER OF RECORD PRIOR TO START OF CONSTRUCTION IF DESIGN DOES NOT PROVIDE 36" COVER.
10. ANY EXISTING WELLS (I.E. ARTESIAN, IRRIGATION, DRINKING, MONITORING, ETC.) DISCOVERED ON-SITE MUST BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN A MANNER APPROVED BY ALL APPLICABLE JURISDICTIONAL AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY WELL ABANDONMENT PERMITS REQUIRED. ANY WELL DISCOVERED DURING EARTHWORK OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES, OWNER, AND OWNER'S ENGINEER WITHIN 24 HOURS AFTER DISCOVERY IS MADE.
11. THERE MAY BE ON-SITE UNDERGROUND UTILITIES (INCLUDING BUT NOT LIMITED TO IRRIGATION, SANITARY SEWER, POTABLE WATER LINES, NATURAL GAS LINES, ELECTRIC, TELEPHONE AND CABLE LINES) THAT WERE NOT LOCATED OR IDENTIFIED BY THE PROJECT SURVEYOR. PRIOR TO CONSTRUCTION START, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ON-SITE UTILITIES AND RIGHT-OF-WAY UTILITIES.
12. IF ANY SEPTIC TANKS OR DRAIN FIELDS ARE FOUND, CONTRACTOR SHALL FOLLOW ALL LOCAL, STATE, AND FEDERAL CODE REQUIREMENTS FOR REMOVAL.
13. IF EXISTING UTILITIES ARE DISCOVERED THAT ARE NOT IDENTIFIED BY THE CONSTRUCTION DOCUMENTS, AND WILL BE IMPACTED BY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY PRIOR TO PROCEEDING WITH CONSTRUCTION.
14. CONTRACTOR TO MAINTAIN EXISTING OFF-SITE AND ONSITE DRAINAGE PATTERNS THROUGHOUT CONSTRUCTION
15. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THE EXISTING UTILITY INFORMATION SHOWN IS BASED ON THE TOPOGRAPHIC SURVEY PROVIDED BY LEADING EDGE LAND SERVICES, INC. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES AFFECTING THIS AREA PRIOR TO CONSTRUCTION WORK.
16. ELEVATIONS SHOWN ON THIS PLAN ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM 88 (NAVD 88)
17. THERE MAY BE AN ON-SITE SEPTIC SYSTEM. CONTRACTOR IS TO FOLLOW ALL LOCAL, STATE, AND FEDERAL REGULATIONS FOR THE ABANDONMENT AND REMOVAL OF THE SEPTIC SYSTEM.
18. CONTRACTOR TO FOLLOW ALL LOCAL, STATE, AND FEDERAL CODE REQUIREMENTS FOR THE REMOVAL OF ANY SEPTIC TANKS AND/OR DRAIN FIELDS IF THEY ARE FOUND ON SITE AT THE TIME OF CONSTRUCTION.

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80
1" = 40'
WHEN PRINTED AT FULL SIZE (24" X 36")

Always call 811 two full business days before you dig to have underground utilities located and marked.
Sunshine811.com

No.	REVISIONS	DATE	BY
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
3	APOPKA MDP PLANNING COMMENTS	01/09/2026	JLM

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL 32801
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

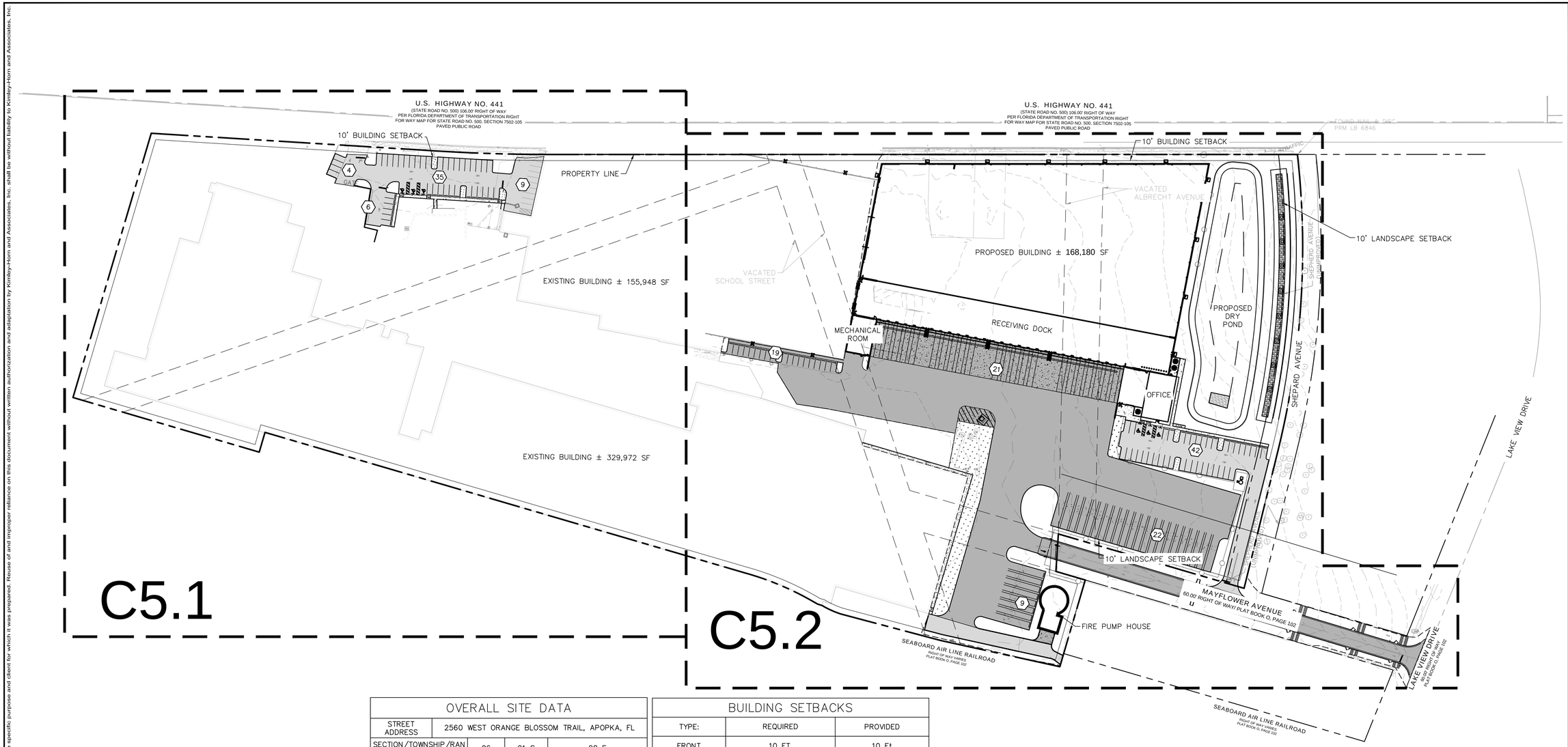
DETAILED EXISTING CONDTIONS AND DEMO PLAN

APOPKA COLD STORAGE

FLORIDA
APOPKA

SHEET NUMBER
C4.2

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



LEGEND

- PROPERTY LINE
- CENTER LINE
- BUILDING SETBACKS
- LANDSCAPE BUFFER
- EASEMENT / SETBACK LINE
- (XX) PARKING COUNT
- LIGHTS AND LIGHT POLE (SHOWN FOR COORDINATION PURPOSES ONLY)
- PROPOSED STANDARD DUTY ASPHALT. REFER TO DETAIL 1, SHEET C8.0
- PROPOSED HEAVY DUTY ASPHALT PAVEMENT. REFER TO DETAIL 1, SHEET C8.0
- STANDARD CONCRETE SIDEWALK SECTION. REFER TO DETAIL 1, SHEET C8.0
- PROPOSED HEAVY DUTY CONCRETE PAVEMENT REFER TO DETAIL 1, SHEET C8.0
- LANDSCAPE/SOD AREA

OVERALL SITE DATA

STREET ADDRESS	2560 WEST ORANGE BLOSSOM TRAIL, APOPKA, FL		
SECTION/TOWNSHIP/RANGE	06	21 S	28 E
ZONING	I-L	LIGHT INDUSTRIAL	
PARCEL AREA	±28.09 AC		
ONSITE AREA OF WORK/ LIMITS OF DISTURBANCE	±11.694 AC ONSITE LOD		
OFFSITE IMPROVEMENTS AREA	±0.840 AC MAYFLOWER AVE IMPROVEMENTS		
PROPOSED BUILDING AREA	~ 168,180 SF (±3.87 AC)		

OPEN SPACE CALCULATION

TYPE	REQUIRED	PROVIDED
PERVIOUS AREA (OPEN SPACE)	0.585 AC (5% OF LOD AREA)	±1.87 AC (16%)

BUILDING SETBACKS

TYPE:	REQUIRED	PROVIDED
FRONT	10 FT.	10 Ft
SIDE	10 FT.	10 Ft
REAR	10 FT.	10 Ft
STREET	10 FT.	10 Ft

ADJACENT PROPERTY DATA

DIRECTION FROM SITE:	ZONING	USE
NORTH	N/A	FDOT ROAD
EAST	I-L	LIGHT INDUSTRIAL
SOUTH	I-L	LIGHT INDUSTRIAL
WEST	T	TRANSITIONAL

PARKING PLAN

PARKING TYPE	REQUIRED	PROPOSED
REGULAR SPACES	57.2	58
ADA SPACES	3	3
TOTAL PARKING	60.2	61
LOADING BERTH	14	21
SEMI TRUCK SPACES	–	31

EXISTING OFFICE PARKING MODIFICATIONS

	EXISTING	PROPOSED
PARKING SPACES	33	54

GREEN BUILDING STANDARDS

PROPOSED GREEN BUILDING STANDARDS:

LOCATION: DEVELOPMENT ON PREVIOUSLY USED OR	0.50 PT DEVELOPED LAND
ENERGY CONSERVATION: INSTALL A "COOL ROOF" ON A MINIMUM OF 50 PERCENT OF THE DWELLING UNITS IN A SUBDIVISION. THE COOL ROOF SHALL COVER THE ENTIRE ROOF OF THE BUILDING. INSTALL A "COOL ROOF" ON A MINIMUM OF 50 PERCENT OF THE BUILDINGS IN A MULTI-BUILDING DEVELOPMENT. THE COOL ROOF SHALL COVER THE ENTIRE ROOF OF THE BUILDING	1.50 PT
TRANSPORTATION: PROVIDE MORE BICYCLE PARKING THAN REQUIRED BY SEC. 5.1.11, BICYCLE PARKING STANDARDS, WHILE ENSURING THAT ALL OTHER BICYCLE PARKING STANDARDS IN SECTION 5.1, OFF-STREET PARKING, BICYCLE PARKING, AND LOADING STANDARDS ARE MET	0.50 PT
PROVIDE A MINIMUM OF TWO ELECTRIC VEHICLE (EV) LEVEL 3 CHARGING STATIONS THAT ARE MADE AVAILABLE IN A PARKING STRUCTURE OR OFF-STREET PARKING LOT TO THOSE USING THE BUILDING	0.75 PT
PROVIDE A MINIMUM OF FIVE PERCENT OF REQUIRED AUTOMOBILE PARKING SPACES THAT ARE SIGNED AND RESERVED FOR HYBRID/ELECTRIC/LOW ENERGY VEHICLES IN PREFERRED LOCATIONS NEAR THE PRIMARY BUILDING ENTRANCE	0.25 PT
RESILIENCY TO NATURAL HAZARDS ESTABLISH OPERATING PROCEDURES FOR HOW THE PROJECT WILL HANDLE LOSS OF OFF-SITE OR GRID POWER, TRANSITION TO A BACKUP SOURCE OF POWER, AND TRANSITION BACK TO NORMAL OPERATION	0.50 PT
TOTAL	4.00 PT

GENERAL NOTES:

1. ALL RADII ARE TO BE 3' OR 10' UNLESS OTHERWISE NOTED.
2. ALL MEASUREMENTS TO FACE OF CURB UNLESS OTHERWISE NOTED.
3. ALL AFFECTED SIDEWALKS, RAMPS, AND CROSSWALKS, WILL BE BUILT AND INSPECTED TO MEET CURRENT ADA REQUIREMENTS.
4. HANDICAP (HC) RAMPS MUST BE CONSTRUCTED AT THE STREET INTERSECTION(S) AND DRIVEWAY CONNECTION(S) TO COMPLY WITH THE AMERICAN WITH DISABILITY ACT (ADA) AND WILL MEET FDOT DESIGN STANDARDS.
5. DETECABLE WARNING SURFACE WILL BE REQUIRED AT ALL PLACES WHERE PEDESTRIAN PATH MEETS VEHICULAR PATH.
6. ALL PAVEMENT MARKINGS WILL BE THERMOPLASTIC.
7. ALL CONSTRUCTION IN THE FDOT ROW SHALL CONFORM TO THE LATEST EDITIONS OF THE FDOT DESIGN STANDARD PLANS (INDEXES), THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE FDOT UTILITY ACCOMMODATION MANUAL.
8. PROPOSED BUILDINGS TO MEET MINIMUM REQUIREMENTS FOR GREEN BUILDING STANDARDS IN ACCORDANCE TO LDC 5.11.4.A.2.b.

NORTH

GRAPHIC SCALE IN FEET
0 40 80 160
1" = 80'
WHEN PRINTED AT FULL SIZE (24" X 36")

Always call 811 two full business days before you dig to have underground utilities located and marked.
Sunshine811.com

No.	REVISIONS	DATE	BY
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
3	APOPKA MDP PLANNING COMMENTS	01/08/2026	JLM

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

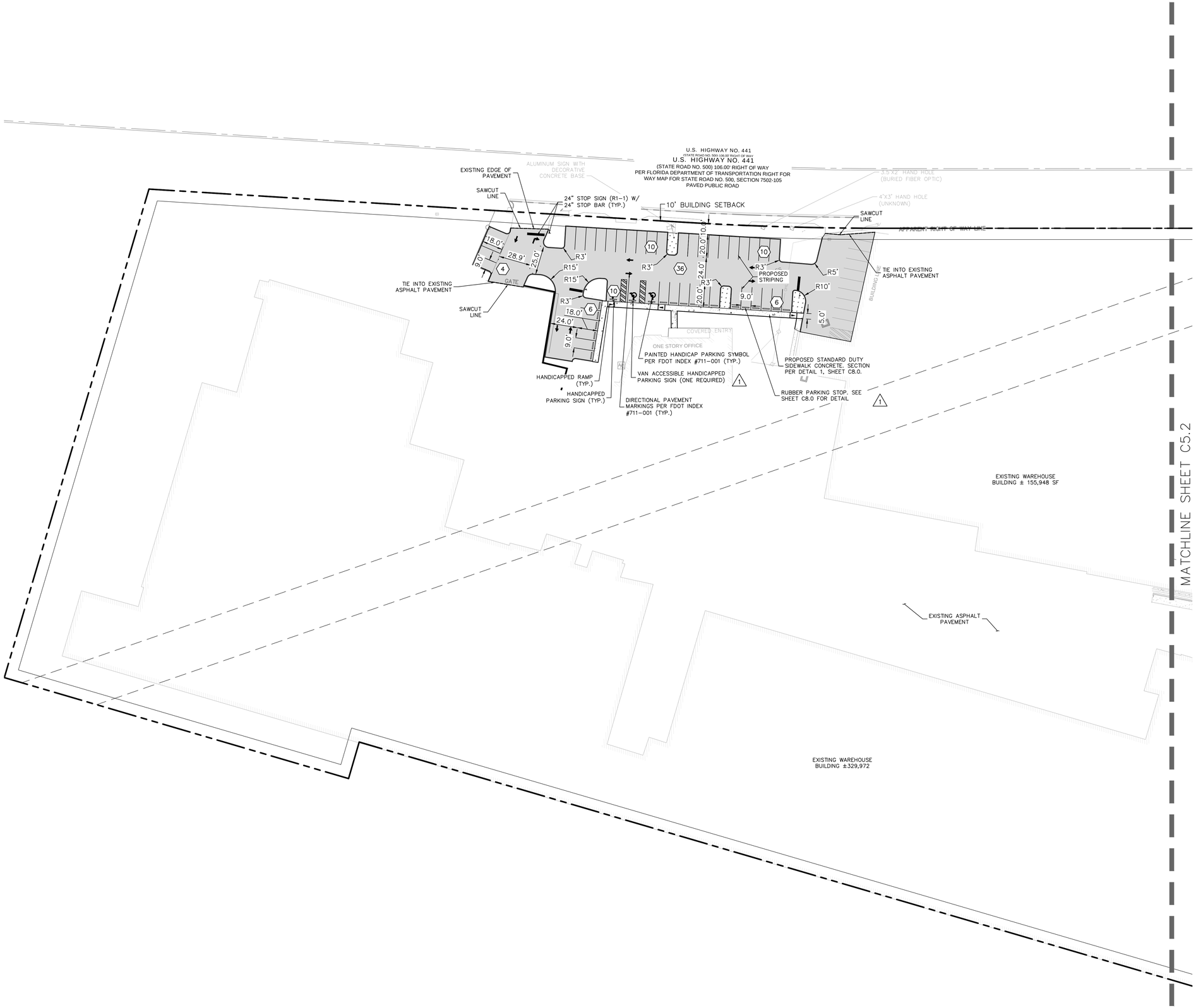
OVERALL SITE PLAN

APOPKA COLD STORAGE

FLORIDA
APOPKA

SHEET NUMBER C5.0

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





GRAPHIC SCALE IN FEET
0 20 40 80
1" = 40'
WHEN PRINTED AT FULL SIZE (24" X 36")

LEGEND

- PROPERTY LINE
- CENTER LINE
- BUILDING SETBACKS
- LANDSCAPE BUFFER
- EASEMENT / SETBACK LINE
- XX — PARKING COUNT
- LIGHTS AND LIGHT POLE (SHOWN FOR COORDINATION PURPOSES ONLY)
- PROPOSED STANDARD DUTY ASPHALT. REFER TO DETAIL 1, SHEET C8.0
- PROPOSED HEAVY DUTY ASPHALT PAVEMENT. REFER TO DETAIL 1, SHEET C8.0
- STANDARD CONCRETE SIDEWALK SECTION. REFER TO DETAIL 1, SHEET C8.0
- PROPOSED HEAVY DUTY CONCRETE PAVEMENT REFER TO DETAIL 1, SHEET C8.0
- LANDSCAPE/SOD AREA

GENERAL NOTES:

1. ALL RADII ARE TO BE 3' OR 10' UNLESS OTHERWISE NOTED.

2. ALL MEASUREMENTS TO FACE OF CURB UNLESS OTHERWISE NOTED.

3. ALL AFFECTED SIDEWALKS, RAMPS, AND CROSSWALKS, WILL BE BUILT AND INSPECTED TO MEET CURRENT ADA REQUIREMENTS.

4. HANDICAP (HC) RAMPS MUST BE CONSTRUCTED AT THE STREET INTERSECTION(S) AND DRIVEWAY CONNECTION(S) TO COMPLY WITH THE AMERICAN WITH DISABILITY ACT (ADA) AND WILL MEET FDOT DESIGN STANDARDS.

5. DETECABLE WARNING SURFACE WILL BE REQUIRED AT ALL PLACES WHERE PEDESTRIAN PATH MEETS VEHICULAR PATH.

6. ALL PAVEMENT MARKINGS WILL BE THERMOPLASTIC.

7. ALL CONSTRUCTION IN THE FDOT ROW SHALL CONFORM TO THE LATEST EDITIONS OF THE FDOT DESIGN STANDARD PLANS (INDEXES), THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE FDOT UTILITY ACCOMMODATION MANUAL.

No.	REVISIONS	DATE	BY
3	APOPKA MDP PLANNING COMMENTS	01/09/2026	JLM
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 800, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

DETAILED SITE PLAN

APOPKA COLD STORAGE

APOPKA FLORIDA

SHEET NUMBER
C5.1

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

U.S. HIGHWAY NO. 441
(STATE ROAD NO. 500) 106.00' RIGHT OF WAY
PER FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT FOR WAY MAP FOR STATE ROAD NO. 500, SECTION 7502-105
PAVED PUBLIC ROAD

10' BUILDING SETBACK

MATCHLINE SHEET C5.1

PROPOSED BUILDING ± 168,180 SF

EXISTING WAREHOUSE
BUILDING ± 155,948 SF

EXISTING WAREHOUSE
BUILDING ±329,972

ONE STORY COMMERCIAL BUILDING

ONE STORY COMMERCIAL BUILDING

PARCEL ID: 06-21-28-7172-02-011
MG88 CENTRAL FLORIDA COLD STORAGE II LLC

PARCEL ID: 06-21-28-7180-09-050

VACATED ALBRECHT AVENUE

VACATED SCHOOL STREET

VACATED MAYFLOWER AVENUE

BLOCK I
PLYMOUTH DELLS
PLAT BOOK O, PAGE 102

SHEPHERD AVENUE (UNIMPROVED)

BUILDING LINE

RECEIVING DOCK

DOCK DOORS

MECHANICAL ROOM

OFFICE

MH

HANDICAPPED RAMP (TYP.)

HANDICAPPED PARKING SIGN (TYP.)

PAINTED HANDICAP PARKING SYMBOL PER FDOT INDEX #711-001 (TYP.)

VAN ACCESSIBLE HANDICAPPED PARKING SIGN (ONE REQUIRED)

(8) PROPOSED BICYCLE PARKING (SEE SHEET C8.0 FOR DETAIL)

PROPOSED DRY POND

PROPOSED STANDARD DUTY SIDEWALK CONCRETE. SECTION PER DETAIL 1, SHEET C8.0.

PROPOSED STANDARD DUTY SIDEWALK CONCRETE, SECTION PER DETAIL 1, SHEET C8.0.

RUBBER PARKING STOP. SEE SHEET C8.0 FOR DETAIL

PROPOSED 15.0' DRAINAGE EASEMENT

PROPOSED PRIVATE LIFT STATION

PROPOSED TRASH ENCLOSURE. REFER TO ARCHITECTURAL SHEETS FOR MORE DETAILS.

TIE INTO EXISTING ASPHALT PAVEMENT

EXISTING ASPHALT PAVEMENT

SAWCUT LINE

DIRECTIONAL PAVEMENT MARKINGS PER FDOT INDEX #711-001 (TYP.)

PROPOSED STRIPING (TYP.)

22 TRAILER STAGING

12.0' TRAILER STALL (TYP.)

TYPE 'D' CURB (PER FDOT STANDARD INDEX 520-001 (TYP.)

PROPOSED FENCE (TYP.). KNOXBOX REQUIRED AND GATE TO HAVE CLICK2ENTER INSTALLED PER CITY OF APOPKA FIRE DEPARTMENT REQUIREMENTS.

"NO PARKING" SIGNS

24" STOP SIGN (R1-1) W/ 24" STOP BAR (TYP.)

4' BERM (TYP.) (SEE GRADING SHEET C6.2 FOR DETAILS)

PROPOSED 2' CURB & GUTTER PER FDOT INDEX 520-001 (TYP.)

FIRE PUMP HOUSE

RUBBER PARKING STOP. SEE SHEET C8.0 FOR DETAIL

MAYFLOWER AVENUE
60.00 RIGHT OF WAY(PLAT BOOK O, PAGE 102

APPARENT RIGHT OF WAY LINE

SEABOARD AIR LINE RAILROAD
RIGHT OF WAY VARIES
PLAT BOOK O, PAGE 102

LAKE VIEW DRIVE
(UNIMPROVED)
PLAT BOOK O, PAGE 102

PARCEL ID: 06-21-28-7180-11-040
COCA-COLA CO

PARCEL ID: 06-21-28-7172-02-011
MG88 CENTRAL FLORIDA COLD STORAGE II LLC

PARCEL ID: 06-21-28-7172-02-011
MG88 CENTRAL FLORIDA COLD STORAGE II LLC

PARCEL ID: 06-21-28-7172-02-011
MG88 CENTRAL FLORIDA COLD STORAGE II LLC

PARCEL ID: 06-21-28-7172-02-011
MG88 CENTRAL FLORIDA COLD STORAGE II LLC

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80
1" = 40'
WHEN PRINTED AT FULL SIZE
(24" X 36")

LEGEND

- PROPERTY LINE
- CENTER LINE
- BUILDING SETBACKS
- LANDSCAPE BUFFER
- EASEMENT / SETBACK LINE
- XX — PARKING COUNT
- LIGHTS AND LIGHT POLE (SHOWN FOR COORDINATION PURPOSES ONLY)
- PROPOSED STANDARD DUTY ASPHALT. REFER TO DETAIL 1, SHEET C8.0
- PROPOSED HEAVY DUTY ASPHALT PAVEMENT. REFER TO DETAIL 1, SHEET C8.0
- STANDARD CONCRETE SIDEWALK SECTION. REFER TO DETAIL 1, SHEET C8.0
- PROPOSED HEAVY DUTY CONCRETE PAVEMENT REFER TO DETAIL 1, SHEET C8.0
- LANDSCAPE/SOD AREA

GENERAL NOTES:

1. ALL RADII ARE TO BE 3' OR 10' UNLESS OTHERWISE NOTED.
2. ALL MEASUREMENTS TO FACE OF CURB UNLESS OTHERWISE NOTED.
3. ALL AFFECTED SIDEWALKS, RAMPS, AND CROSSWALKS, WILL BE BUILT AND INSPECTED TO MEET CURRENT ADA REQUIREMENTS.
4. HANDICAP (HC) RAMPS MUST BE CONSTRUCTED AT THE STREET INTERSECTION(S) AND DRIVEWAY CONNECTION(S) TO COMPLY WITH THE AMERICAN WITH DISABILITY ACT (ADA) AND WILL MEET FDOT DESIGN STANDARDS.
5. DETECABLE WARNING SURFACE WILL BE REQUIRED AT ALL PLACES WHERE PEDESTRIAN PATH MEETS VEHICULAR PATH.
6. ALL PAVEMENT MARKINGS WILL BE THERMOPLASTIC.
7. ALL CONSTRUCTION IN THE FDOT ROW SHALL CONFORM TO THE LATEST EDITIONS OF THE FDOT DESIGN STANDARD PLANS (INDEXES), THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE FDOT UTILITY ACCOMMODATION MANUAL.

No.	REVISIONS	DATE	BY
3	APOPKA MDP PLANNING COMMENTS	01/08/2026	JLM
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

DETAILED SITE PLAN

APOPKA COLD STORAGE

APOPKA FLORIDA

SHEET NUMBER
C5.2

KEY MAP
SCALE: 1" = 200'

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80
1" = 40'
WHEN PRINTED AT FULL SIZE
(24" X 36")

LEGEND

PROPOSED ASPHALT PAVEMENT/ SECTION (SEE SHEET C8.0 FOR DETAILS)

TYPE 'A' MOUNTABLE CURB (SEE SHEET C8.0 FOR DETAILS)

U.S. HIGHWAY NO. 441
(STATE ROAD NO. 500) 106.00' RIGHT OF WAY
PER FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT FOR WAY MAP FOR STATE ROAD NO. 500, SECTION 7502-105
PAVED PUBLIC ROAD

MEET AND MATCH GRADE OF EXISTING ASPHALT PAVEMENT AND ALIGN NEW CURB TO EXISTING CURB (SEE DETAIL SHEET C8.0)

EDGE OF EXISTING PAVEMENT (TYP.)

PROPOSED DIRECTIONAL ARROW PER FDOT INDEX 711-001 (SEE DETAIL SHEET C8.2)

6" WHITE STRIPING PER FDOT INDEX 711-001 (SEE SHEET DETAIL C8.2)

MEET AND MATCH GRADE OF EXISTING ASPHALT PAVEMENT (SEE DETAIL SHEET C8.0)

EDGE OF EXISTING PAVEMENT (TYP.)

PAVEMENT MARKING PER FDOT INDEX 711-001 (SEE DETAIL SHEET C8.2)

BEGIN PROJECT
BEGIN OFFSITE CONSTRUCTION
STA: 0+49.88
OFF: 0.49'L
N: 1583879.11
E: 481447.24

TAPER CURB INTO EXISTING PAVEMENT (SEE DETAIL SHEET C8.0)

50.0' TAPER

5+00 4+00 3+00 2+00 1+00 0+00

5+03

EP: 5+03.43
PT: 4+90.34
PCC: 4+53.43
PC: 3+96.82
PI: 3+64.91
PI: 3+50.65
PI: 3+47.59
PI: 1+35.00
PI: 0+49.88
PI: 0+27.41
BP: 0+00.00

12.5'

TYPE 'A' MOUNTABLE CURB PER FDOT INDEX 520-001 (SEE DETAIL SHEET C8.0)

STA: 1+00.00
OFF: 12.50'L

STA: 3+41.59
OFF: 12.50'L

END PROJECT
END OFFSITE CONSTRUCTION
STA: 3+91.59
OFF: 12.50'L
N: 1583975.21
E: 481119.10

No.	REVISIONS	DATE	BY
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
3	APOPKA MDP PLANNING COMMENTS	01/08/2026	JLM

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 800, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

US HWY 441 - LEFT TURN LANE

APOPKA COLD STORAGE

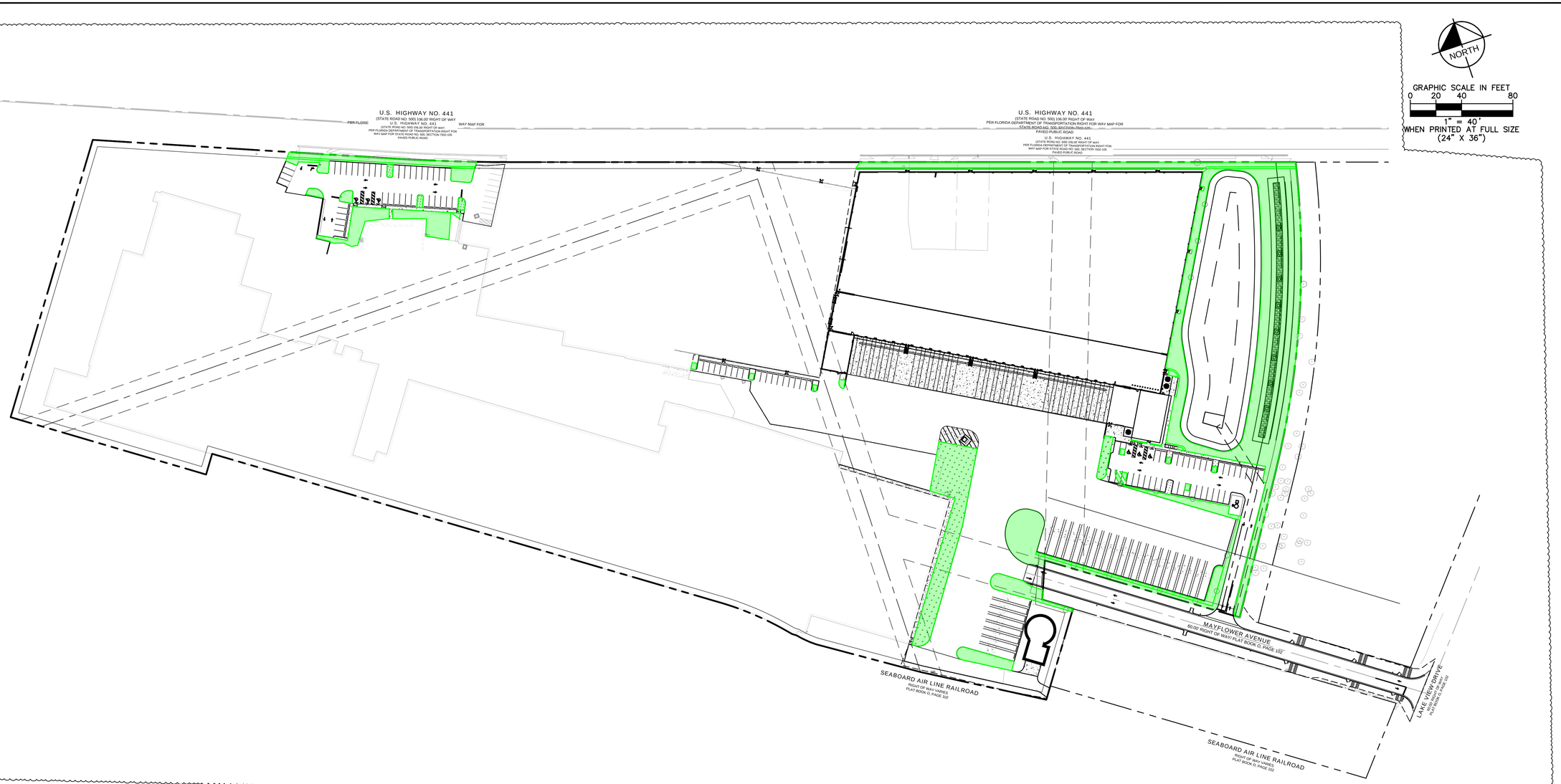
APOPKA FLORIDA

SHEET NUMBER
C5.3

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

3



LEGEND

LANDSCAPE/OPEN SPACE

OVERALL OPEN SPACE SUMMARY

MINIMUM OPEN SPACE CALCULATION:	11.69 AC x 5% = 0.59 AC
PROVIDED OPEN SPACE:	
LANDSCAPE:	1.87 AC
TOTAL PROVIDED:	1.87 AC (15.99%)

No.	DATE	BY
3	01/09/2026	JLM
2	12/02/2025	ARP
1	12/02/2025	AG
	REVISIONS	

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 800, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

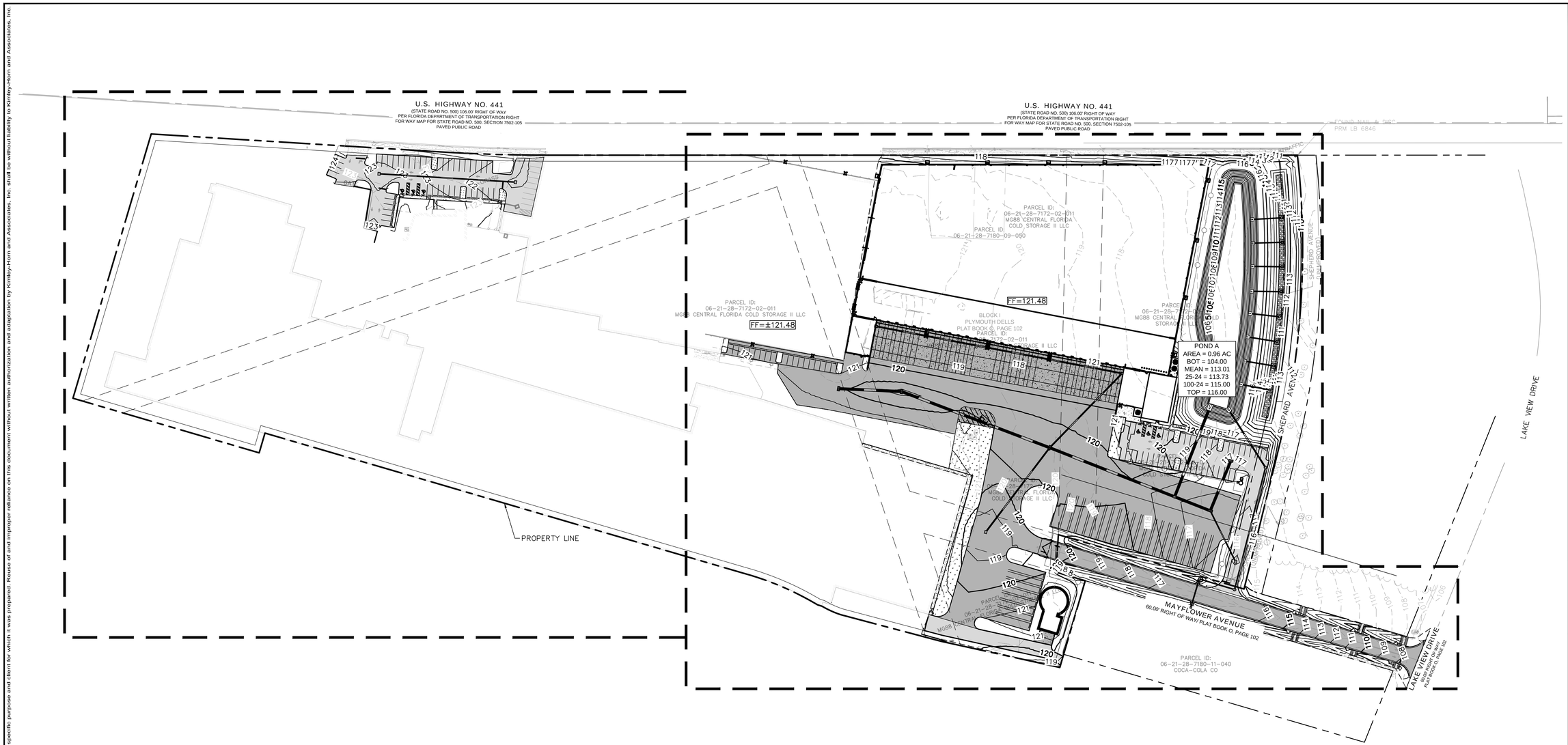
OPEN SPACE PLAN

APOPKA COLD STORAGE

APOPKA FLORIDA

SHEET NUMBER
C5.4

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



LEGEND

- PROPERTY BOUNDARY
- ROAD DEDICATION
- BUILDING SETBACK
- LANDSCAPE BUFFER
- EXISTING CONTOURS
- ×21.60 EXISTING SPOT ELEVATION
- •21.60 EXISTING SPOT ELEVATION
- PROPOSED STORM PIPE
- ST EXISTING STORM PIPE
- PROPOSED STORM STRUCTURES
- PROPOSED GRATE INLETS
- PROPOSED STANDARD DUTY ASPHALT, REFER TO DETAIL 1, SHEET C8.0
- PROPOSED HEAVY DUTY ASPHALT PAVEMENT. REFER TO DETAIL 1, SHEET C8.0
- STANDARD CONCRETE SIDEWALK SECTION. REFER TO DETAIL 1, SHEET C8.0
- PROPOSED HEAVY DUTY CONCRETE PAVEMENT REFER TO DETAIL 1, SHEET C8.0
- LANDSCAPE/SOD AREA
- PROPOSED DIRECTION OF STORMWATER RUNOFF

GENERAL NOTES:

1: ALL EXISTING STRUCTURES, UNLESS OTHERWISE NOTED TO REMAIN, FENCING, TREES, ETC WITHIN CONSTRUCTION AREA SHALL BE REMOVED AND DISPOSED OFF SITE. ANY BURNING ON SITE SHALL BE SUBJECT TO LOCAL ORDINANCES. SEE SPECIFICATIONS.
2: ALL DRAINAGE STRUCTURES SHALL BE PRE-CAST.
3: ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY.
4: GENERAL CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY AND LOCATE ALL UTILITIES PRIOR TO GRADING START.
5: SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED, INSPECTED AND APPROVED BY LOCAL AUTHORITIES.
6: ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED OR PER JURISDICTIONAL REQUIREMENTS.
7: EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES ARE TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
8: IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR OR REPLACE THE EXISTING STRUCTURE AS NECESSARY.
9: ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AND STRUCTURE IS WATER TIGHT.
10: ALL ROOF DRAINS SHALL BE CONNECTED TO THE STORM SYSTEM. IN AREAS NOT SUBJECT TO FREEZING, ROOF DRAINS CAN SPASH ON GRADE AND BE COLLECTED IN INLETS OR TREATED AS SURFACE RUNOFF.
11: CONTRACTOR IS TO ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
12: CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND STRUCTURES FOR ALL GRASSED AND PAVED AREAS.
13: TOPOGRAPHIC INFORMATION TAKEN FROM: LEADING EDGE LAND SERVICES, INC. ON JANUARY 31, 2023.
14: CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO THE SAME.
15: CONTRACTOR IS RESPONSIBLE FOR TEMPORARY ACCESS ROADS, MAINTAIN POSITIVE DRAINAGE THROUGHOUT CONSTRUCTION AND AVOID PONDING OR RUTTING.
16: DETENTION POND OUTFLOW DEVICES SHALL BE DESIGNATED TO LIMIT FLOWS TO CAPACITY LEVELS OF DOWNSTREAM DRAINAGE STRUCTURES.
17: DEVIATIONS FROM RECOMMENDED PARKING LOT SLOPES SHALL BE APPROVED BY FLOOR & DECOR CONSTRUCTION AND DESIGN.
18: CONTRACTOR TO PROVIDE FLOOR & DECOR CONSTRUCTION AND DESIGN, AND LOCAL AUTHORITY WITH AS-BUILT DRAWINGS. SEE REQUIREMENTS IN THIS SHEET.
19: CONTRACTOR TO VERIFY T.A.S./A.D.A. COMPLIANCE PRIOR TO POURING CONCRETE. FOR ANY QUESTIONS, CONTACT CIVIL ENGINEER IMMEDIATELY.
20: GRADES IN ALL ACCESSIBLE ROUTES, INCLUDING DRIVEWAY CROSSINGS, SHALL CONFORM TO ALL APPLICABLE A.D.A. AND T.A.S. STANDARDS: MAXIMUM RUNNING SLOPE FOR ALL PATHS IS 5%, MAX CROSS SLOPE FOR ALL PATHS IS 2%, FOR THE FIRST FIVE FEET FROM THE DOOR, A 2% SLOPE IN ALL DIRECTIONS (MAX) MUST BE MAINTAINED.
21: IN GENERAL, THE MAXIMUM RUNNING SLOPE SHALL NOT EXCEED 5%, THE MINIMUM SLOPE SHALL NOT BE INFERIOR THAN 1.5% AND THE PREFERRED SLOPE SHALL BE 2.5%.
22: REFER TO LANDSCAPE ARCHITECT PLANS FOR LANDSCAPE/HARDSCAPE DETAILS.
23: CONTRACTOR TO VERIFY ENGINEERING PLANS MATCH ARCHITECTURAL/STRUCTURAL PLANS PRIOR TO CONSTRUCTION STAKING.
24: LANDSCAPE AREAS ADJACENT TO BUILDING TO DRAIN AWAY FROM BUILDING AT A MINIMUM OF 2% SLOPE.
25: AFTER PLACEMENT OF SUBGRADE AND PRIOR TO PLACEMENT OF PAVEMENT, CONTRACTOR SHALL TEST AND OBSERVE PAVEMENT AREAS FOR EVIDENCE OF PONDING, ALL AREAS SHALL ADEQUATELY DRAIN TOWARDS THE INTENDED STRUCTURE TO CONVEY STORM RUNOFF, CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER AND ENGINEER IF ANY DISCREPANCIES ARE DISCOVERED.
26: CONCRETE VALLEY GUTTER SHALL BE CONSTRUCTED IF ASPHALT PAVEMENT IS USED. REFER TO CONSTRUCTION DETAILS
27: FOR STORM SEWER PIPE PROFILES REFER TO DETAIL ON SHEET C7.0 FOR MORE INFORMATION.
28: SEE PIPE PROFILES SHEET FOR INVERT ELEVATIONS (TYPICAL).
29: SEE SHEET C3.0 FOR APPROXIMATE LOCATION OF EXISTING UTILITIES.
30: ALL THE ELEVATIONS SHOWN ARE FINISHED GRADE ELEVATIONS. CONTRACTOR TO SUBTRACT PAVEMENT THICKNESS AND FLOOR SLAB THICKNESS FOR SUBGRADE ELEVATIONS.
31: CONTRACTOR SHALL REFER TO ARCHITECTURAL AND PLUMBING PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ALL VESTIBULES/ENTRIES, SIDEWALKS, EXIT PORCHES, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT UTILITY ENTRANCE LOCATIONS.
32: TERMITE SPRAY IF NEEDED IS TO BE PROVIDED FOR FOUNDATION BY FOUNDATION CONTRACTOR.
33: SITE PREPARATION TO BE PROVIDED BY CONTRACTOR TO INCLUDE:
A. PROTECTING EXISTING VEGETATION TO REMAIN.
B. REMOVING EXISTING VEGETATION.
C. CLEARING AND GRUBBING.
D. STRIPPING AND STOCKPILING TOPSOIL
E. REMOVING ABOVE-AND BELOW-GRADE SITE IMPROVEMENTS.
F. DISCONNECTING, CAPPING OR SEALING SITE UTILITIES.
G. TEMPORARY EROSION AND SEDIMENTATION CONTROL,

NORTH

GRAPHIC SCALE IN FEET
0 40 80 40
1" = 80'
WHEN PRINTED AT FULL SIZE
(24" X 36")

Always call 811 two full business days before you dig to have underground utilities located and marked.
Sunshine811.com

No.	REVISIONS	DATE	BY
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
3	APOPKA MDP PLANNING COMMENTS	01/09/2026	JLM

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

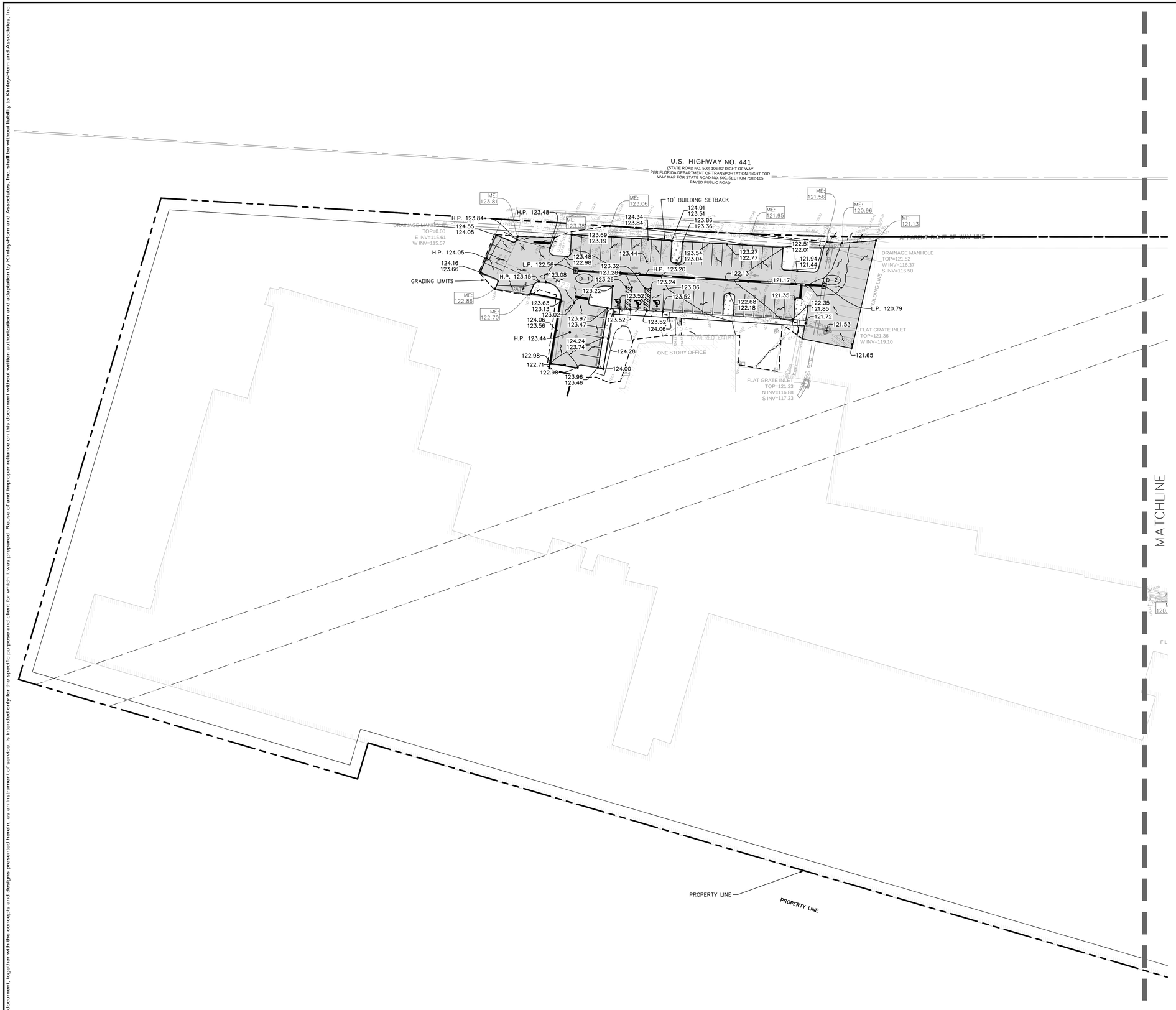
OVERALL GRADING AND DRAINAGE

APOPKA COLD STORAGE

FLORIDA
APOPKA

SHEET NUMBER
C6.0

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





GRAPHIC SCALE IN FEET
0 20 40 80
1" = 40'
WHEN PRINTED AT FULL SIZE (24" X 36")

LEGEND

- PROPERTY BOUNDARY
- ROAD DEDICATION
- BUILDING SETBACK
- LANDSCAPE BUFFER
- EXISTING CONTOURS
- 21.60 EXISTING SPOT ELEVATION
- 21.60 PROPOSED SPOT ELEVATION
- PROPOSED STORM PIPE
- ST EXISTING STORM PIPE
- LIMITS OF CONSTRUCTION
- PROPOSED STORM STRUCTURES
- PROPOSED GRATE INLETS
- PROPOSED STANDARD DUTY ASPHALT, REFER TO DETAIL 1, SHEET C8.0
- PROPOSED HEAVY DUTY ASPHALT PAVEMENT, REFER TO DETAIL 1, SHEET C8.0
- STANDARD CONCRETE SIDEWALK SECTION, REFER TO DETAIL 1, SHEET C8.0
- PROPOSED HEAVY DUTY CONCRETE PAVEMENT REFER TO DETAIL 1, SHEET C8.0
- LANDSCAPE/SOD AREA

STORM STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
D-1	TYPE "D" INLET PER FDOT INDEX #425-251 TOP: 122.56 E. INV OUT: 118.86
D-2	TYPE "D" INLET PER FDOT INDEX #425-251 TOP: 120.79 W. INV IN: 117.08

Always call 811 two full business days before you dig to have underground utilities located and marked.
Sunshine811.com

No.	REVISIONS	DATE	BY
3	APOPKA MDP PLANNING COMMENTS	01/09/2026	JLM
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

DETAILED GRADING AND DRAINAGE

APOPKA COLD STORAGE

APOPKA FLORIDA

SHEET NUMBER C6.1

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

U.S. HIGHWAY NO. 441
(STATE ROAD NO. 500) 106.00' RIGHT OF WAY
PER FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT FOR WAY MAP FOR STATE ROAD NO. 500, SECTION 7502-105
PAVED PUBLIC ROAD

MATCHLINE

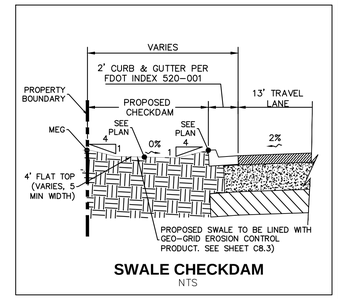
GRAPHIC SCALE IN FEET
0 20 40 80
1" = 40'
WHEN PRINTED AT FULL SIZE (24" X 36")

LEGEND

- PROPERTY BOUNDARY
- ROAD DEDICATION
- BUILDING SETBACK
- LANDSCAPE BUFFER
- EXISTING CONTOURS
- EXISTING SPOT ELEVATION (21.60)
- PROPOSED SPOT ELEVATION (21.60)
- PROPOSED STORM PIPE
- EXISTING STORM PIPE (ST)
- LIMITS OF CONSTRUCTION
- PROPOSED STORM STRUCTURES
- PROPOSED GRATE INLETS
- PROPOSED STANDARD DUTY ASPHALT, REFER TO DETAIL 1, SHEET C8.0
- PROPOSED HEAVY DUTY ASPHALT PAVEMENT, REFER TO DETAIL 1, SHEET C8.0
- STANDARD CONCRETE SIDEWALK SECTION, REFER TO DETAIL 1, SHEET C8.0
- PROPOSED HEAVY DUTY CONCRETE PAVEMENT REFER TO DETAIL 1, SHEET C8.0
- LANDSCAPE/SOD AREA
- PROPOSED DIRECTION OF STORMWATER RUNOFF

STORM STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
BU-3	BUBBLE-UP TYPE 'D' INLET FDOT INDEX 425 TOP: 111.00 NW. INV IN: 107.00
BU-4	BUBBLE-UP TYPE 'D' INLET FDOT INDEX 425 TOP: 111.00 NW. INV IN: 107.00
BU-5	BUBBLE-UP TYPE 'D' INLET FDOT INDEX 425 TOP: 111.00 W. INV IN: 107.00
BU-5 1	BUBBLE-UP TYPE 'C' INLET FDOT INDEX 425 TOP: 114.41 SW. INV IN: 110.91 SE. INV OUT: 110.91
BU-6	BUBBLE-UP TYPE 'D' INLET FDOT INDEX 425 TOP: 111.00 W. INV IN: 107.00
BU-6 1	BUBBLE-UP TYPE 'C' INLET FDOT INDEX 425 TOP: 114.92 NE. INV OUT: 111.71
D-3	TYPE "H2" INLET PER FDOT INDEX #425-251 TOP: 120.24 E. INV OUT: 112.77
D-4	TYPE "H2" INLET PER FDOT INDEX #425-251 TOP: 118.67 W. INV IN: 112.25 SE. INV OUT: 112.25
D-5	TYPE "H2" INLET PER FDOT INDEX #425-251 TOP: 118.99 NW. INV IN: 110.96 NE. INV IN: 110.10 SW. INV IN: 112.97 SE. INV OUT: 110.96
D-6	CB TOP: 117.30 SE. INV OUT: 113.00

STORM STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
D-7	TYPE 'C' INLET FDOT INDEX 425 TOP: 117.21 NW. INV IN: 110.95 SW. INV OUT: 110.95
D-8	TYPE "D" INLET PER FDOT INDEX #425-251 TOP: 118.08 NE. INV OUT: 113.83
D-9	TYPE 'H2' INLET FDOT INDEX 425 J-BOTTOM TOP: 117.00 NW. INV IN: 109.55 NE. INV IN: 109.55 S. INV IN: 109.55
D-10	TYPE "H2' INLET FDOT INDEX 425 TOP: 116.76 SW. INV OUT: 110.43
D-11	TYPE "D" INLET FDOT INDEX 425 TOP: 115.87 N. INV OUT: 110.48
MES-1	U-TYPE DISSIPATOR FDOT INDEX 430-012 TOP: 108.50 SW. INV IN: 104.00
MES-5	FES TOP: 108.09 SE. INV OUT: 107.00
MES-6	FES TOP: 108.08 SE. INV OUT: 107.00
MES-7	FES TOP: 108.08 E. INV OUT: 107.00
MES-8	FES TOP: 108.08 E. INV OUT: 107.00



SWALE CHECKDAM
NTS

Always call 811 two full business days before you dig to have underground utilities located and marked.
Sunshine811.com

No.	REVISIONS	DATE	BY
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
3	APOPKA MDP PLANNING COMMENTS	01/08/2026	JLM

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

DETAILED GRADING AND DRAINAGE

APOPKA COLD STORAGE

APOPKA FLORIDA

SHEET NUMBER
C6.2

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

GENERAL UTILITY NOTES:

1. CONTRACTOR TO CONFIRM UNDERGROUND UTILITY LOCATIONS, DEPTHS, AND SIZES PRIOR TO COMMENCING CONSTRUCTION.
2. CONTRACTOR TO COORDINATE PROPOSED TRANSFORMER LOCATIONS AND ELECTRIC SERVICE WITH POWER COMPANY AND OWNER. TRANSFORMERS AND SERVICE LINES SHOWN FOR INFORMATIONAL PURPOSES ONLY. DESIGNED & PERMITTED BY OTHERS. CONTRACTOR TO CONFIRM PAD AND BOLLARD REQUIREMENTS.
3. CONTRACTOR TO COORDINATE PROPOSED TELEPHONE SERVICE AND ROUTING WITH CABLE COMPANY AND OWNER. SERVICE CONNECTIONS SHOWN FOR INFORMATIONAL PURPOSES ONLY. DESIGNED & PERMITTED BY OTHERS.
4. CONTRACTOR TO COORDINATE PROPOSED GAS SERVICE AND ROUTING WITH GAS COMPANY AND OWNER. SERVICE CONNECTIONS SHOWN FOR INFORMATIONAL PURPOSES ONLY. DESIGNED & PERMITTED BY OTHERS.
5. ALL POTABLE WATER UTILITIES SHALL BE IN ACCORDANCE WITH THE CITY OF APOPKA STANDARDS AND SPECIFICATIONS. CONTRACTOR SHALL BE RESPONSIBLE TO BE FAMILIAR WITH THESE STANDARDS.
6. REFER TO THE CITY OF APOPKA STANDARD NOTES & DETAILS, SHEETS C8.0 – C8.2.
7. REFER TO ORANGE COUNTY STANDARD NOTES AND DETAILS, SHEET C8.3.

GENERAL FIRE SERVICE NOTES:

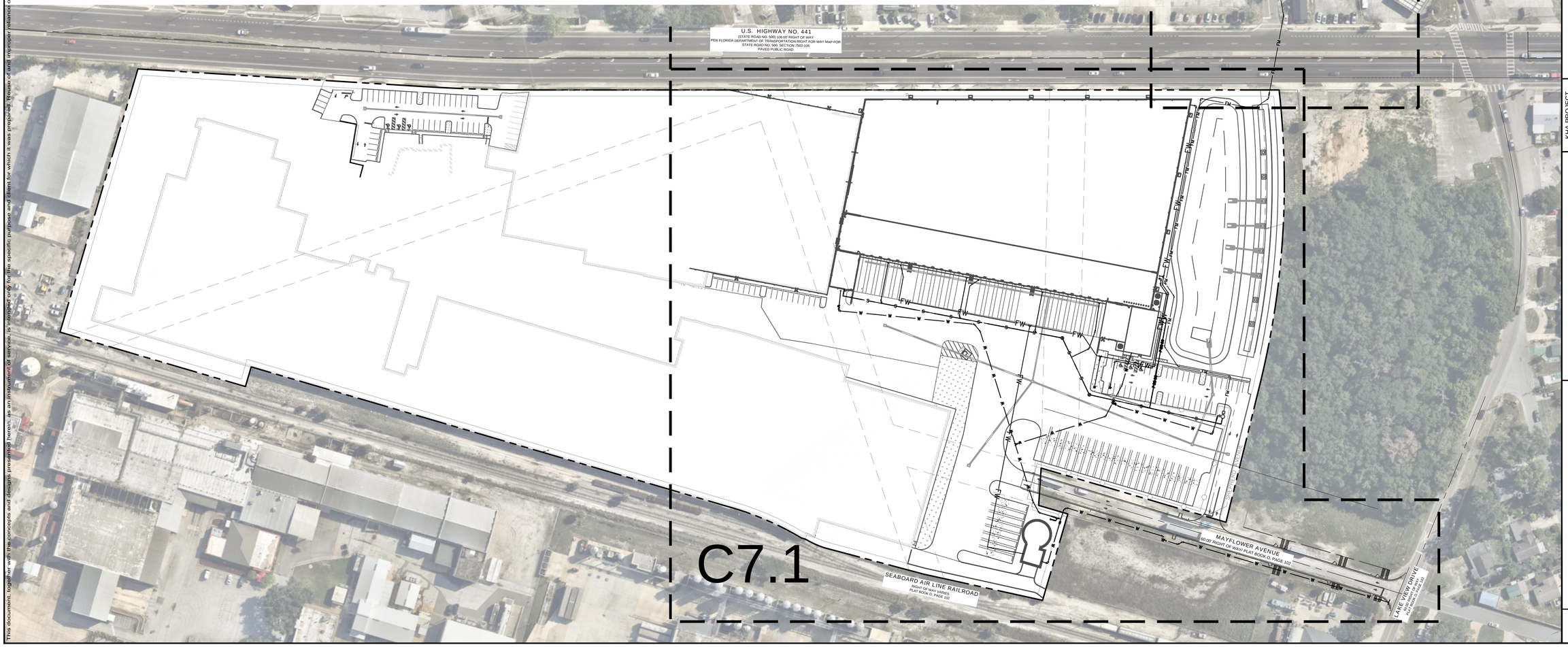
1. ALL UNDERGROUND MAINS SERVING FIRE HYDRANTS OR FIRE PROTECTION SPRINKLER SYSTEMS ON PRIVATE PROPERTY MUST BE PERMITTED PRIOR TO INSTALLATION. THE DRAWING SHALL INDICATE THAT ALL UNDERGOUND FIRE MAINS WILL BE INSTALLED IN ACCORDANCE WITH NFPA 24 (2013 EDITION, "STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES". [F.A.C. 69A–60.005(2)]
2. ALL FIRE SERVICE MAIN LOCATED DOWNSTREAM OF THE FIRE POINT OF SERVICE SHALL BE INSTALLED BY A QUALIFIED AND LICENSED CONTRACTOR. CONSTRUCTION AND MATERIALS SHALL COMPLY WITH APPLICABLE FIRE CODE. CONTRACTOR TO VERIFY REQUIREMENTS WITH THE CITY OF APOPKA PRIOR TO SHOP DRAWING REVIEW.

LEGEND

- PROPERTY BOUNDARY
- PROPOSED FIRE LINE
- PROPOSED WATER LINE
- PROPOSED WATER VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED F.D.C.
- PROPOSED STORM INLET
- EXISTING SANITARY SEWER LINE
- EXISTING WATER LINE
- EXISTING STORM PIPE
- EXISTING OVERHEAD LINE
- EXISTING NATURAL GAS LINE
- EXISTING RECLAIM LINE
- EXISTING FIBER OPTIC LINE
- PROPOSED SANITARY MANHOLE

NORTH

GRAPHIC SCALE IN FEET
0 40 80 160
1" = 80'
WHEN PRINTED AT FULL SIZE
(24" X 36")



No.	REVISIONS	DATE	BY
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
3	APOPKA MDP PLANNING COMMENTS	01/08/2026	JLM

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

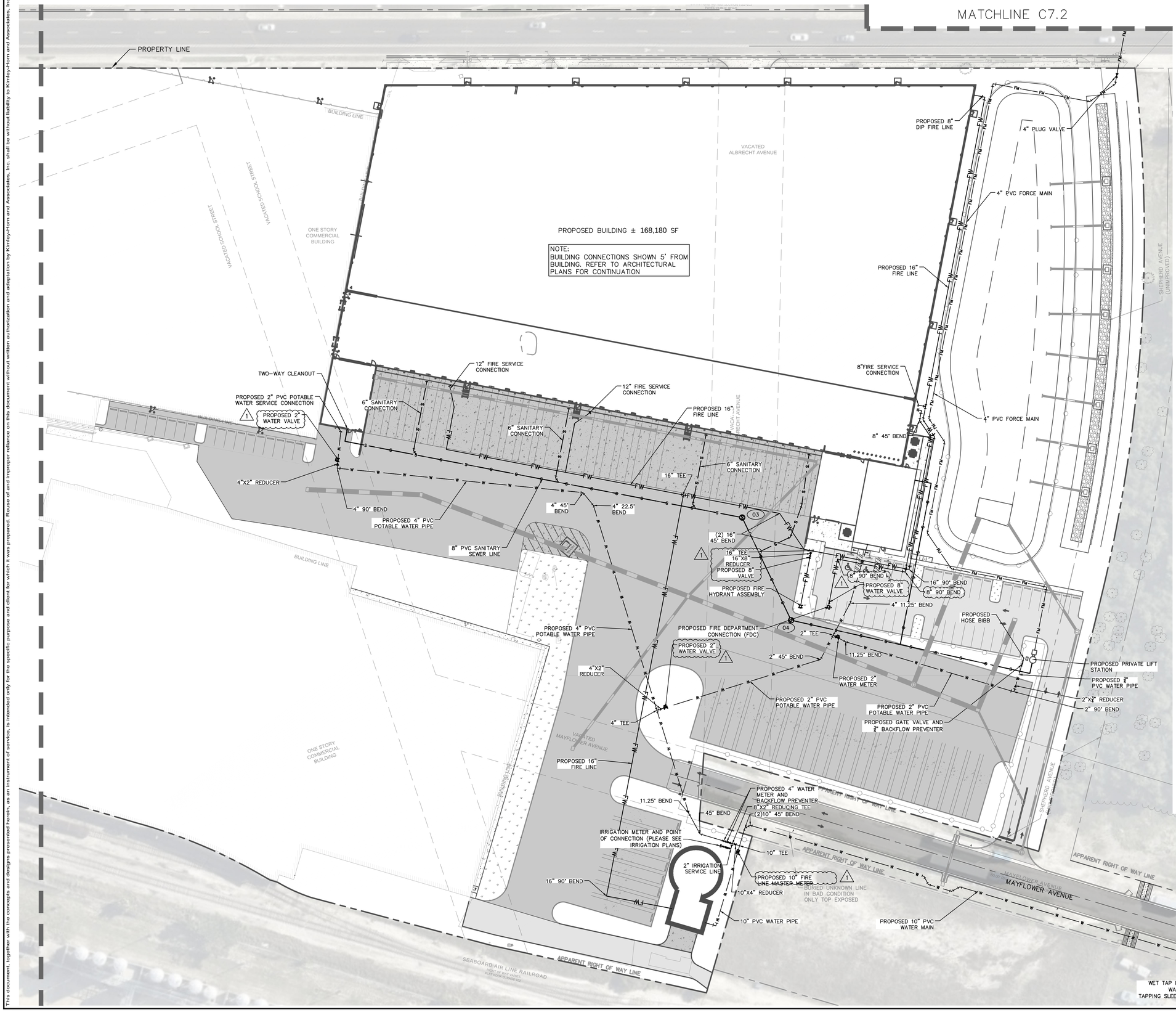
OVERALL UTILITY PLAN

APOPKA COLD STORAGE

APOPKA FLORIDA

SHEET NUMBER
C7.0

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



NORTH

GRAPHIC SCALE IN FEET
0 40 80 160
1" = 80'
WHEN PRINTED AT FULL SIZE (24" X 36")

LEGEND

- PROPERTY BOUNDARY
- PROPOSED FIRE LINE
- PROPOSED WATER LINE
- PROPOSED WATER VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED F.D.C.
- PROPOSED STORM INLET
- EXISTING SANITARY SEWER LINE
- EXISTING WATER LINE
- EXISTING STORM PIPE
- EXISTING OVERHEAD LINE
- EXISTING NATURAL GAS LINE
- EXISTING RECLAIM LINE
- EXISTING FIBER OPTIC LINE
- PROPOSED SANITARY MANHOLE

GENERAL UTILITY NOTES:

1. CONTRACTOR TO CONFIRM UNDERGROUND UTILITY LOCATIONS, DEPTHS, AND SIZES PRIOR TO COMMENCING CONSTRUCTION.
2. CONTRACTOR TO COORDINATE PROPOSED TRANSFORMER LOCATIONS AND ELECTRIC SERVICE WITH POWER COMPANY AND OWNER. TRANSFORMERS AND SERVICE LINES SHOWN FOR INFORMATIONAL PURPOSES ONLY. DESIGNED & PERMITTED BY OTHERS. CONTRACTOR TO CONFIRM PAD AND BOLLARD REQUIREMENTS.
3. CONTRACTOR TO COORDINATE PROPOSED TELEPHONE SERVICE AND ROUTING WITH CABLE COMPANY AND OWNER. SERVICE CONNECTIONS SHOWN FOR INFORMATIONAL PURPOSES ONLY. DESIGNED & PERMITTED BY OTHERS.
4. CONTRACTOR TO COORDINATE PROPOSED GAS SERVICE AND ROUTING WITH GAS COMPANY AND OWNER. SERVICE CONNECTIONS SHOWN FOR INFORMATIONAL PURPOSES ONLY. DESIGNED & PERMITTED BY OTHERS.
5. ALL POTABLE WATER UTILITIES SHALL BE IN ACCORDANCE WITH THE CITY OF APOPKA STANDARDS AND SPECIFICATIONS. CONTRACTOR SHALL BE RESPONSIBLE TO BE FAMILIAR WITH THESE STANDARDS.
6. REFER TO THE CITY OF APOPKA STANDARD NOTES & DETAILS, SHEETS C8.0 – C8.2.
7. REFER TO ORANGE COUNTY STANDARD NOTES AND DETAILS, SHEET C8.3.

GENERAL FIRE SERVICE NOTES:

1. ALL UNDERGROUND MAINS SERVING FIRE HYDRANTS OR FIRE PROTECTION SPRINKLER SYSTEMS ON PRIVATE PROPERTY MUST BE PERMITTED PRIOR TO INSTALLATION. THE DRAWING SHALL INDICATE THAT ALL UNDERGOUND FIRE MAINS WILL BE INSTALLED IN ACCORDANCE WITH NFPA 24 (2013 EDITION, "STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES". [F.A.C. 69A–60.005(2)]
2. ALL FIRE SERVICE MAIN LOCATED DOWNSTREAM OF THE FIRE POINT OF SERVICE SHALL BE INSTALLED BY A QUALIFIED AND LICENSED CONTRACTOR. CONSTRUCTION AND MATERIALS SHALL COMPLY WITH APPLICABLE FIRE CODE. CONTRACTOR TO VERIFY REQUIREMENTS WITH THE CITY OF APOPKA PRIOR TO SHOP DRAWING REVIEW.

No.	REVISIONS	DATE	BY
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
3	APOPKA MDP PLANNING COMMENTS	01/08/2026	JLM

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

DETAILED UTILITY PLAN

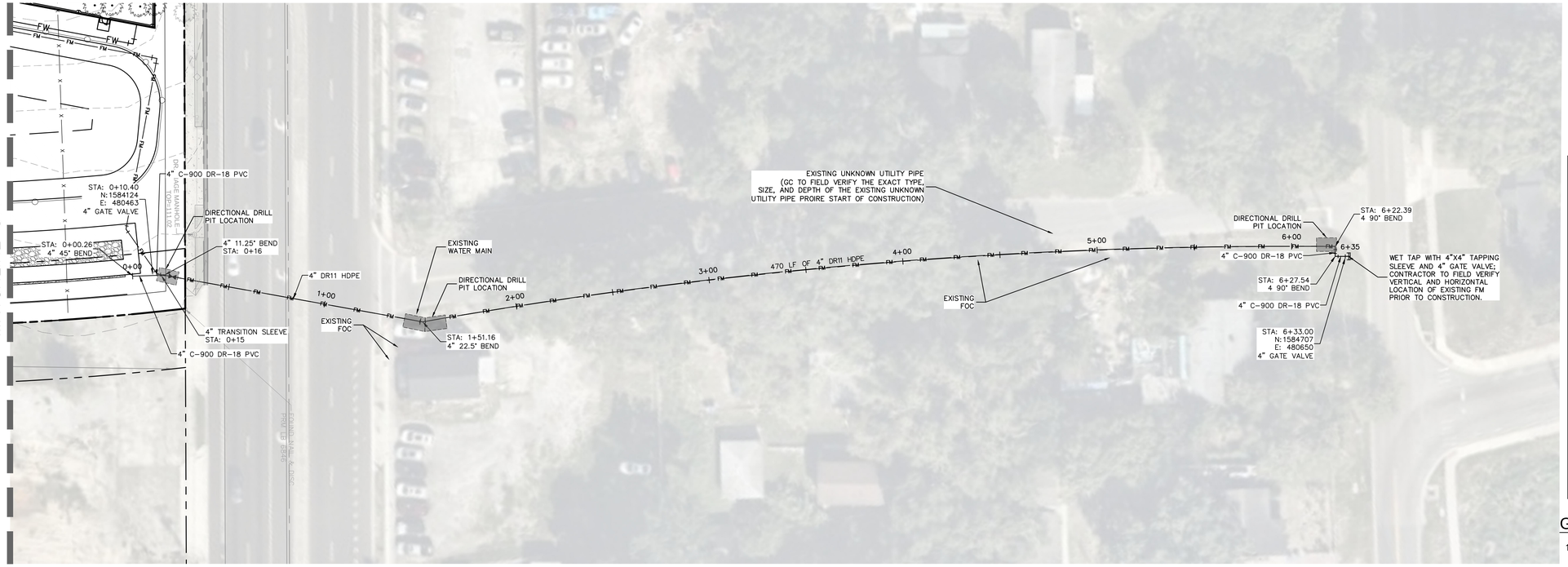
APOPKA COLD STORAGE

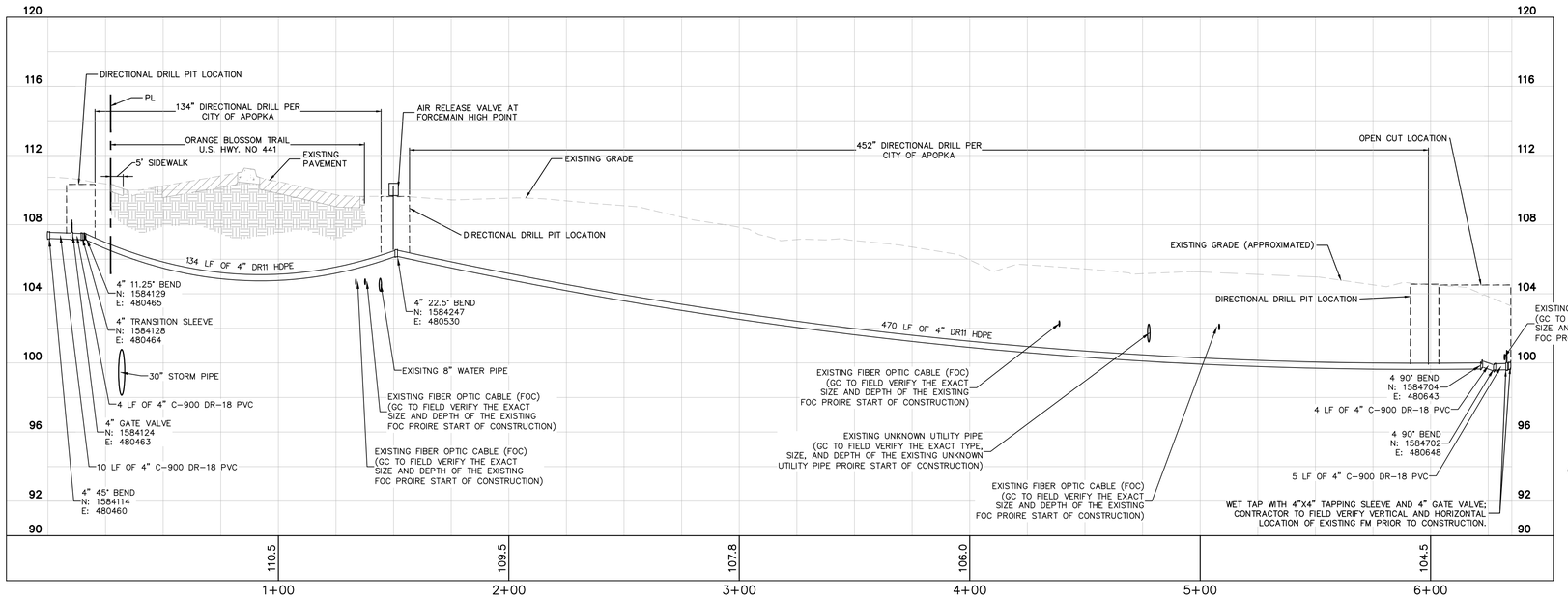
APOPKA FLORIDA

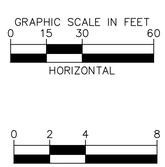
SHEET NUMBER C7.1

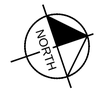
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

MATCHLINE C7.1









GRAPHIC SCALE IN FEET
0 15 30 60

LEGEND

- PROPERTY BOUNDARY
- F — F — PROPOSED FIRE LINE
- W — W — PROPOSED WATER LINE
- PROPOSED WATER VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED F.D.C.
- PROPOSED STORM INLET
- S — EXISTING SANITARY SEWER LINE
- EXISTING WATER LINE
- EXISTING STORM PIPE
- OHU — EXISTING OVERHEAD LINE
- GAS — EXISTING NATURAL GAS LINE
- RW — EXISTING RECLAIM LINE
- FOC — EXISTING FIBER OPTIC LINE
- PROPOSED SANITARY MANHOLE

GENERAL UTILITY NOTES:

1. CONTRACTOR TO CONFIRM UNDERGROUND UTILITY LOCATIONS, DEPTHS, AND SIZES PRIOR TO COMMENCING CONSTRUCTION.
2. CONTRACTOR TO COORDINATE PROPOSED TRANSFORMER LOCATIONS AND ELECTRIC SERVICE WITH POWER COMPANY AND OWNER. TRANSFORMERS AND SERVICE LINES SHOWN FOR INFORMATIONAL PURPOSES ONLY. DESIGNED & PERMITTED BY OTHERS. CONTRACTOR TO CONFIRM PAD AND BOLLARD REQUIREMENTS.
3. CONTRACTOR TO COORDINATE PROPOSED TELEPHONE SERVICE AND ROUTING WITH CABLE COMPANY AND OWNER. SERVICE CONNECTIONS SHOWN FOR INFORMATIONAL PURPOSES ONLY. DESIGNED & PERMITTED BY OTHERS.
4. CONTRACTOR TO COORDINATE PROPOSED GAS SERVICE AND ROUTING WITH GAS COMPANY AND OWNER. SERVICE CONNECTIONS SHOWN FOR INFORMATIONAL PURPOSES ONLY. DESIGNED & PERMITTED BY OTHERS.
5. ALL POTABLE WATER UTILITIES SHALL BE IN ACCORDANCE WITH THE CITY OF APOPKA STANDARDS AND SPECIFICATIONS. CONTRACTOR SHALL BE RESPONSIBLE TO BE FAMILIAR WITH THESE STANDARDS.
6. REFER TO THE CITY OF APOPKA STANDARD NOTES & DETAILS, SHEETS C8.0 – C8.2.
7. REFER TO ORANGE COUNTY STANDARD NOTES AND DETAILS, SHEET C8.3.

GENERAL FIRE SERVICE NOTES:

1. ALL UNDERGROUND MAINS SERVING FIRE HYDRANTS OR FIRE PROTECTION SPRINKLER SYSTEMS ON PRIVATE PROPERTY MUST BE PERMITTED PRIOR TO INSTALLATION. THE DRAWING SHALL INDICATE THAT ALL UNDERGOUND FIRE MAINS WILL BE INSTALLED IN ACCORDANCE WITH NFPA 24 (2013 EDITION, "STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES". [F.A.C. 69A–60.005(2)]
2. ALL FIRE SERVICE MAIN LOCATED DOWNSTREAM OF THE FIRE POINT OF SERVICE SHALL BE INSTALLED BY A QUALIFIED AND LICENSED CONTRACTOR. CONSTRUCTION AND MATERIALS SHALL COMPLY WITH APPLICABLE FIRE CODE. CONTRACTOR TO VERIFY REQUIREMENTS WITH THE CITY OF APOPKA PRIOR TO SHOP DRAWING REVIEW.

No.	REVISIONS	DATE	BY
3	APOPKA MDP PLANNING COMMENTS	01/08/2026	JLM
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG

Kimley»Horn

© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

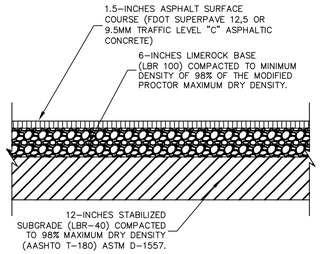
KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

DETAILED UTILITY PLAN

APOPKA COLD STORAGE

APOPKA FLORIDA

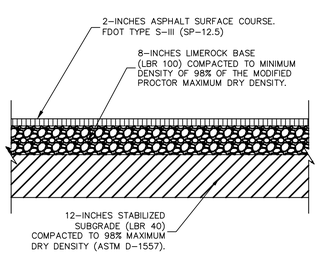
SHEET NUMBER
C7.2



TYPICAL ASPHALT PAVEMENT DETAIL

USED FOR PARKING AREAS ONLY

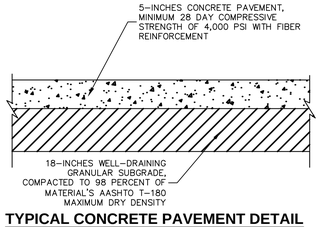
NOTE: CONCRETE PAVEMENT SECTION SHALL MEET THE RECOMMENDATIONS WITHIN THE GEOTECHNICAL REPORT PREPARED BY BECHTOL ENGINEERING, DATED JULY 9, 2024.



TYPICAL "HEAVY DUTY" ASPHALT PAVEMENT DETAIL

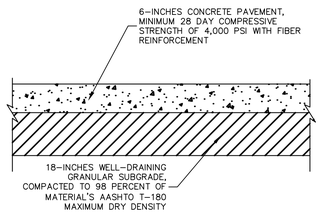
NTS

NOTE: CONCRETE PAVEMENT SECTION SHALL MEET THE RECOMMENDATIONS WITHIN THE GEOTECHNICAL REPORT PREPARED BY BECHTOL ENGINEERING, DATED JULY 9, 2024.



TYPICAL CONCRETE PAVEMENT DETAIL

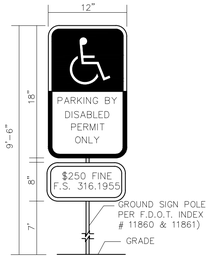
NOTE: CONCRETE PAVEMENT SECTION SHALL MEET THE RECOMMENDATIONS WITHIN THE GEOTECHNICAL REPORT PREPARED BY TERRACON, DATED FEBRUARY 1, 2023.



TYPICAL HEAVY-DUTY CONCRETE PAVEMENT DETAIL

NOTE: CONCRETE PAVEMENT SECTION SHALL MEET THE RECOMMENDATIONS WITHIN THE GEOTECHNICAL REPORT PREPARED BY TERRACON, DATED FEBRUARY 1, 2023.

ETAILS\REFERENCES\SITE DETAILS HC.jpg



NOTES:

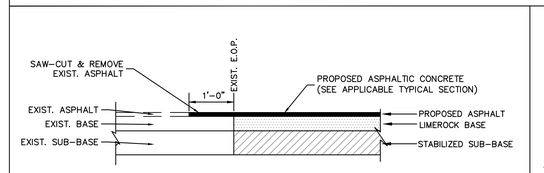
1. ALL LETTERS ARE 1" SERIES "C" PER MUTCD.
2. TOP PORTION OF SIGN SHALL HAVE REFLECTORIZED (ENGINEERING GRADE) BLUE BACKGROUND WITH WHITE REFLECTORIZED LEGEND AND BORDER.
3. BOTTOM PORTION OF SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
4. FINE NOTIFICATION SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
5. ONE (1) SIGN REQUIRED FOR EACH PARKING SPACE.
6. INSTALLATION HEIGHT OF SIGN SHALL BE IN ACCORDANCE WITH SECTION 24–23 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

HANDICAP SIGN DETAIL

N.T.S.

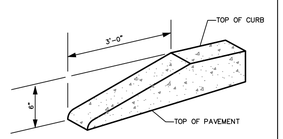
PARKING STOPS DETAIL

N.T.S



NEW ASPHALT PAVEMENT TIE–IN TYPICAL SECTION

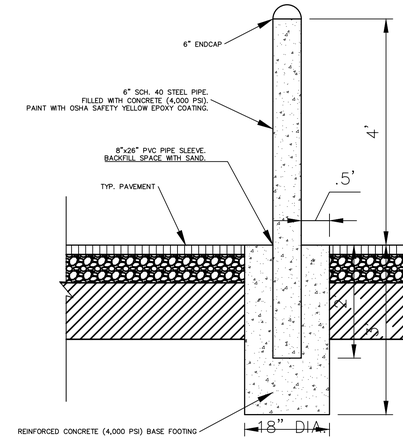
NTS



CURB TERMINUS TRANSITION DETAIL

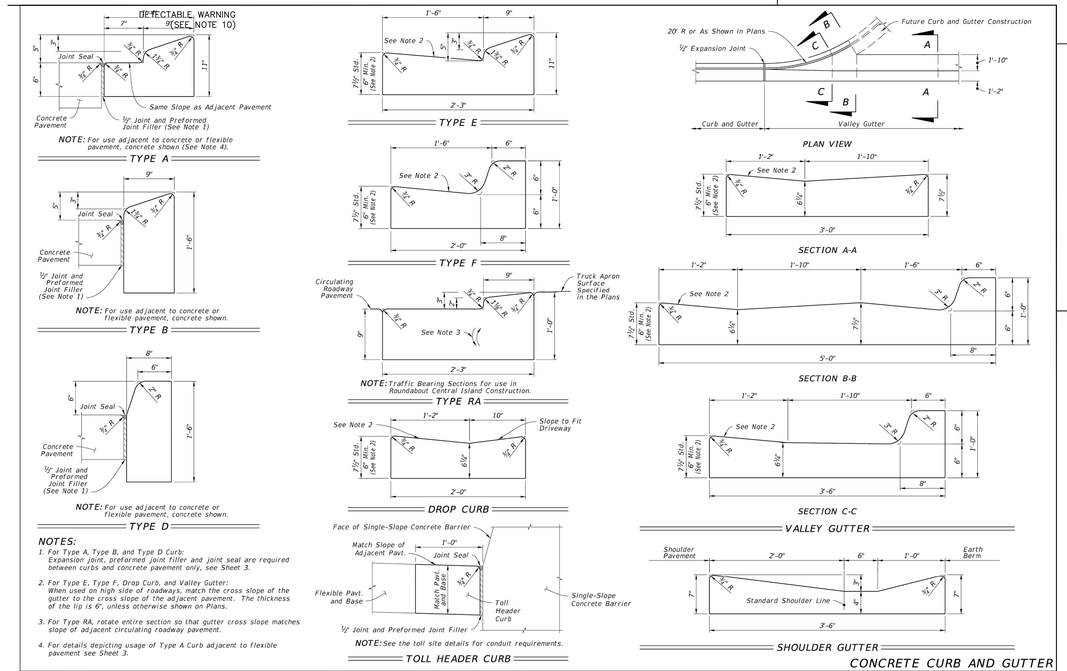
NTS

NOTE:
ALL CURBS TO HAVE STANDARD 3' TRANSITION FROM 6" HEIGHT TO FLUSH (0" HEIGHT). A STANDARD TEMPLATE SHALL BE USED AT ALL LOCATIONS TO PROVIDE UNIFORM CURB TRANSITION THROUGHOUT THE PROJECT.

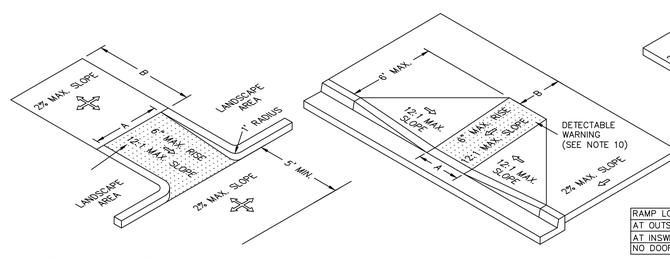


TYP. BOLLARD DETAIL

NTS



LAST REVISION	DESCRIPTION:	FDOT FY 2023-24 STANDARD PLANS	CURB AND GUTTER	INDEX	SHEET
11/01/21	REVISION			520-001	2 of 3



RAMP LOCATION	MINIMUM DIMENSION A	MINIMUM DIMENSION B
AT OUTSWING DOOR	44"	60"
AT INSWING/SLIDING DOOR	44"	48"
NO DOORWAY	36"	36"

NOTES:

1. ALL CURB CUT ACCESSIBLE RAMPS AND DETECTABLE WARNING SURFACES SHALL BE INSTALLED BY THE SITE CONTRACTOR.
2. THE STANDARD COLOR FOR THE DETECTABLE WARNING SURFACE SHALL BE YELLOW. ANY TYPE OF ADHESIVE OR GLUE DOWN MATS; STAMPED CONCRETE OR ANY VARIATION OTHER THAN WHAT IS SPECIFIED ABOVE WILL NOT BE ACCEPTED BY ORANGE COUNTY. ORANGE COUNTY WILL CONSIDER ALTERNATIVES THAT ARE EQUAL TO THE PRODUCTS SPECIFIED ABOVE. COUNTY ENGINEER AND THE CHIEF ENGINEER FOR DEVELOPMENT SERVICES WILL HAVE THE SOLE RESPONSIBILITY FOR DETERMING THE PRODUCT ACCEPTABILITY.
3. ALL DETECTABLE WARNING SURFACES FOR SIDEWALKS AT CURB CUT HANDICAP RAMP SHALL BE A COUNTY APPROVED YELLOW COLORED COMPOSITE MATERIAL ANCHORED IN THE CONCRETE SIDEWALK RAMP. ANCHORED COMPOSITE WARNING AREA INSERTS ARE TO BE COLORED "SAFETY YELLOW", ARE TO BE SET INTO THE CONCRETE AND ARE TO BE FLUSH WITH CONCRETE SURFACE ALONG ALL FOUR SIDES. DESIGN DIMENSIONS OF DETECTABLE WARNING AREA SHALL CONFORM TO FDOT STANDARD INDEX 204, CODE OF FEDERAL REGULATIONS PART 36, AND SJC REQUIREMENTS.

ACCESSIBLE RAMPS

N.T.S

No.	REVISIONS	DATE	BY
3	APOPKA MDP PLANNING COMMENTS	01/09/2026	JLM
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

GENERAL CONSTRUCTION DETAILS

APOPKA COLD STORAGE

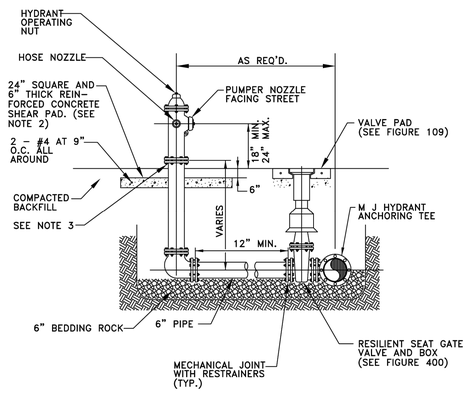
FLORIDA

APOPKA

SHEET NUMBER C8.0

Plotted By: Enot, Joshua Sheet Set: Cold Link CD Layout: C8.0 GENERAL CONSTRUCTION DETAILS April 23, 2026 09:23:43am K:\ORL_Civil\049607003-Cold Link Apopka\CADD\MDP\Plansheets\C8.0 - CONSTRUCTION DETAILS.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

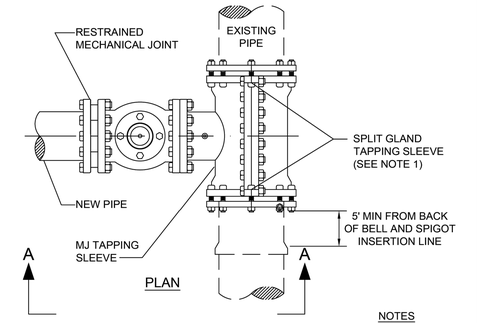


NOTES:

1. FIRE HYDRANT SHALL BE SUPPLIED WITHOUT A WEEP HOLE, OR WITH A PERMANENTLY PLUGGED WEEP HOLE.
2. THE SHEAR PAD SHALL BE RECESSED SIX (6) INCHES BELOW THE FINISHED GRADE AND THE RECESSED SECTION SODDED.
3. CLEARANCE BETWEEN BOTTOM OF BOLTS AND TOP OF SHEAR PAD SHALL BE A TWELVE (12) INCH MINIMUM.
4. FIRE HYDRANTS SHALL BE IDENTIFIED IN ACCORDANCE WITH THE CITY OF APOPKA UTILITIES DESIGN CONSTRUCTION STANDARDS MANUAL.

FIRE HYDRANT ASSEMBLY DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 402

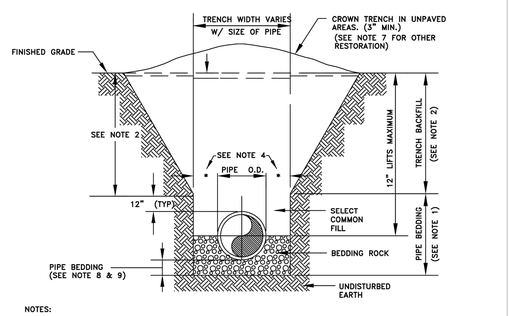


NOTES

1. SIZE ON SIZE WET TAPS WILL CALL FOR FULL ENCIRCLEMENT STAINLESS STEEL MJ TAPPING SLEEVE; MUELLER H-304, OR EQUAL.
2. ALL NEWLY INSTALLED TAPPING SLEEVES & TAPPING VALVES SHALL BE PNEUMATICALLY TESTED AT A TEST PRESSURE OF 150PSI FOR A PERIOD OF THIRTY MINUTES.

WATER AND RECLAIMED WATER MAINS WET TAP TIE-IN DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 406

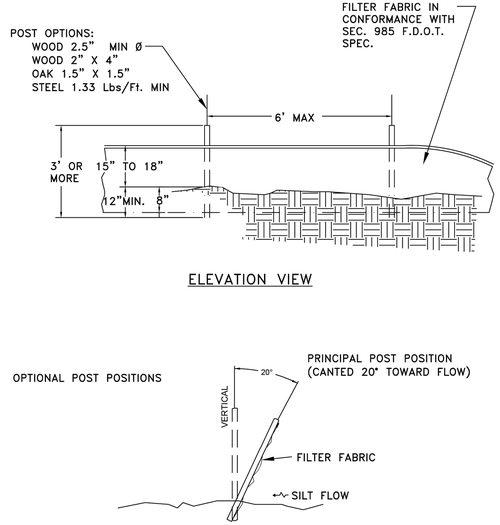


NOTES:

1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 98% UNDER PAVEMENT OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 98% UNDER PAVEMENT OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
3. USE OF TYPE A BEDDING TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CITY.
4. (*): 15" MAX. FOR PIPE DIAMETER LESS THAN 24", AND 24" MAX. FOR PIPE DIAMETER 24" AND LARGER.
5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
7. GRAVITY SEWERS SHALL UTILIZE TYPE A BEDDING IF REQUIRED BY THE CITY. BEDDING DEPTH SHALL BE 4" MINIMUM FOR PIPE DIAMETER LESS THAN 15" AND 6" MINIMUM FOR PIPE DIAMETER 16" AND LARGER.
8. DEPTH FOR REMOVAL OF UNSUITABLE MATERIAL SHALL GOVERN DEPTH OF BEDDING ROCK BELOW THE PIPE. THE CITY SHALL DETERMINE IN THE FIELD IF REMOVAL OF UNSUITABLE MATERIAL IS REQUIRED TO REACH A SUITABLE FOUNDATION.
9. ALL UNPAVED DISTURBED AREAS SHALL BE SODDED TO MATCH ADJACENT DOMINATE GRASS SPECIES.
10. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF THE GOVERNING AGENCIES. SURFACE RESTORATION WITHIN CITY RIGHT-OF-WAY, SHALL COMPLY WITH REQUIREMENTS OF RIGHT-OF-WAY UTILIZATION REGULATIONS.

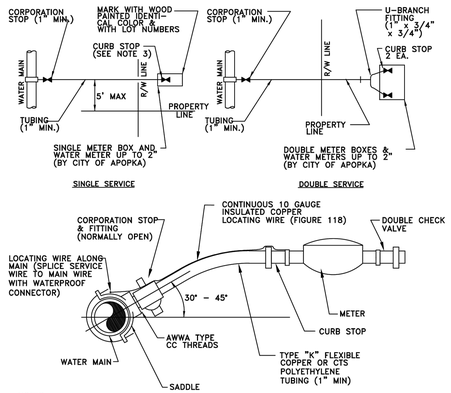
TYPE "A" BEDDING AND OPEN-CUT DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 101



SILT FENCE INSTALLATION

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 602

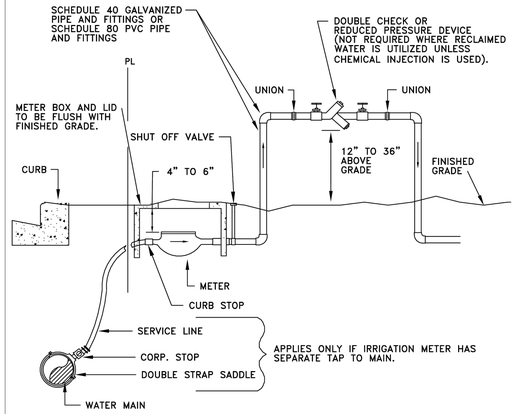


NOTES:

1. ALL FITTINGS SHALL BE BRASS WITH COMPRESSION/PACK JOINT TYPE CONNECTIONS.
2. NO SERVICE LINE SHALL TERMINATE UNDER A DRIVEWAY.
3. EACH SERVICE SHALL TERMINATE AT A CURB STOP(S) WHICH SHALL BE BURIED APPROXIMATELY 3" BELOW FINAL GRADE AND SHALL BE CLEARLY MARKED WITH A 2" x 2" x 18" STAKE WITH THE TOP PAINTED BLUE FOR POTABLE WATER AND PURPLE FOR RECLAIMED WATER, AND MARKED WITH THE NUMBER OF THE LOT(S) TO BE SERVED.
4. RECLAIMED WATER SERVICES SHALL USE PURPLE COLORED CTS POLYETHYLENE TUBING.
5. POTABLE WATER SERVICES SHALL USE BLUE COLORED CTS POLYETHYLENE TUBING.
6. ALL SERVICE UNDER EXISTING OR PROPOSED PAVEMENT SHALL BE INSTALLED IN A MINIMUM 2" PVC SLEEVE.

WATER SERVICE CONNECTION DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 405



NOTES:

1. A POSITIVE DIELECTRIC CONNECTION SHALL BE MADE BETWEEN ALL GALVANIZED AND BRASS COMPONENTS.
2. METER SHALL BE INSTALLED JUST INSIDE THE ROW LINE OR PROPERTY LINE AND IN NO CASE SHALL IT BE INSTALLED IN THE SIDEWALK OR OTHER PAVED AREAS.
3. DOUBLE CHECK VALVES MAY BE USED AS LONG AS THEIR ARE NO CHEMICALS OR A WELL ON SITE.
4. A PVB DEVICE SHALL BE 12-INCHES MINIMUM ABOVE HIGHEST OUTLET OR SPRAYHEAD
5. ALL BACKFLOW PREVENTION DEVICES ARE TO BE AWWA APPROVED.

IRRIGATION METER AND DOUBLE CHECK VALVE OR REDUCED PRESSURE BACKFLOW PREVENTER

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 502

No.	REVISIONS	DATE	BY
3	APOPKA MDP PLANNING COMMENTS	01/09/2026	JLM
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.

200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

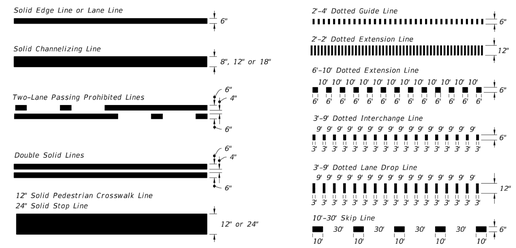
GENERAL CONSTRUCTION DETAILS

APOPKA COLD STORAGE

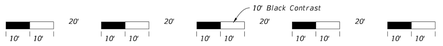
APOPKA FLORIDA

SHEET NUMBER
C8.1

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

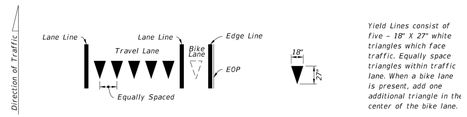


PAVEMENT MARKING LINES



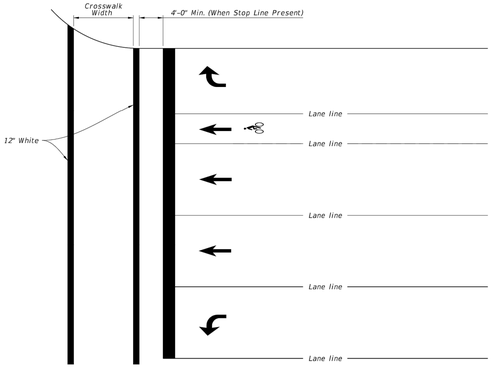
CONTRAST MARKINGS WITH ALTERNATING SKIP PATTERN

(10'-30' Skip Line Shown, Dotted Lines Similar)

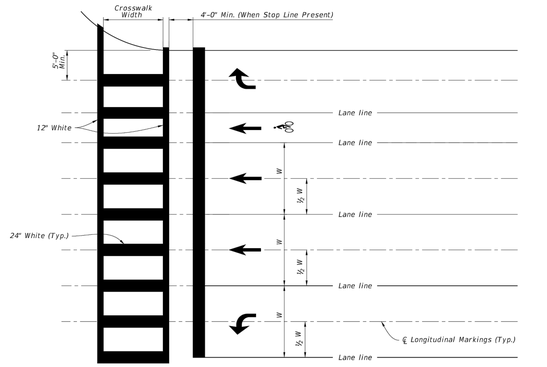


Yield Lines consist of five - 18" X 27" white triangles which face traffic. Equally space triangles within traffic lane. When a bike lane is present, add one additional triangle in the center of the bike lane.

YIELD LINES



STANDARD CROSSWALK DETAILS



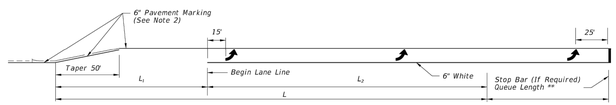
SPECIAL EMPHASIS CROSSWALK DETAILS

NOTES:

1. For crosswalk width, exceed width of the adjacent sidewalk, but do not make width less than 6' for intersection crosswalks and 10' for midblock crosswalks. Measure width from the inside of the transverse crosswalk markings.
2. When the Special Emphasis Crosswalk is not perpendicular to the lane lines, make the longitudinal markings parallel to the lane lines.
3. Refer to Index 522-002 when Curb Ramps are present.

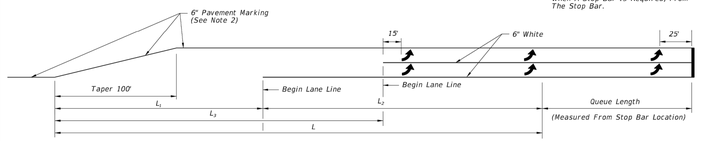
LAST REVISION	DESCRIPTION:			INDEX	SHEET
11/01/18		FY 2019-20 STANDARD PLANS	PAVEMENT MARKINGS	711-001	2 of 13

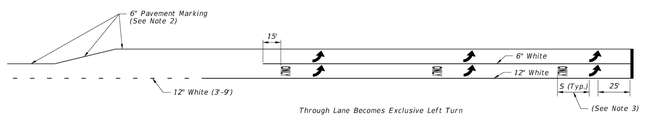
LAST REVISION	DESCRIPTION:			INDEX	SHEET
11/01/18		FY 2019-20 STANDARD PLANS	PAVEMENT MARKINGS	711-001	10 of 13



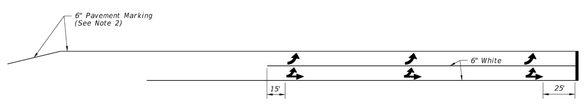
SINGLE LEFT TURNS

** Queue Length Is Measured From The Median Nose Radial Point Or, When A Stop Bar Is Required, From The Stop Bar.





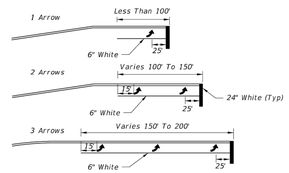
Through Lane Becomes Exclusive Left Turn



Through Lane Becomes Optional Left Turn

DOUBLE LEFT TURNS

Design Speed (mph)	TURN LANES - CURBED AND UNCURBED MEDIANS						
		URBAN CONDITIONS			RURAL CONDITIONS		
	Clearance Distance L_1	Brake To Stop Distance L_2	Total Decel. Distance L	Clearance Distance L_3	Brake To Stop Distance L_2	Total Decel. Distance L	Clearance Distance L_3
35	70'	75'	145'	110'	— —	— —	— —
40	80'	75'	155'	120'	— —	— —	— —
45	85'	100'	185'	135'	— —	— —	— —
50	105'	135'	240'	160'	185'	290'	160'
55	125'	— —	— —	— —	225'	350'	195'
60	145'	— —	— —	— —	260'	405'	230'
65	170'	— —	— —	— —	290'	460'	270'



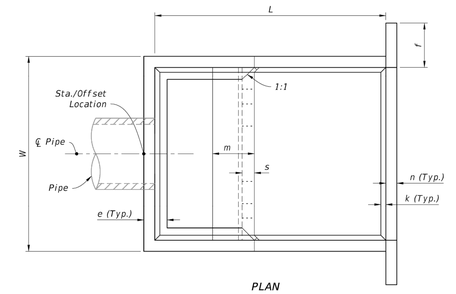
Arrow should be evenly spaced between first and last arrow. Turn lanes longer than 200' add one arrow for each 100' additional length.

ARROW SPACING

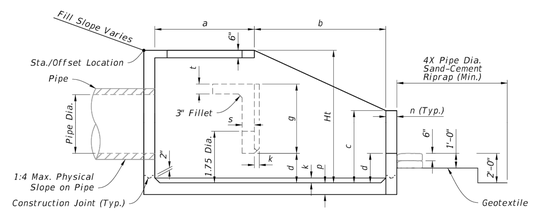
NOTES:

1. This Index also applies to right turn lanes.
2. Make pavement marking yellow for left-turn lanes and white for right-turn lanes.
3. See Sheet 1 for "S" value.

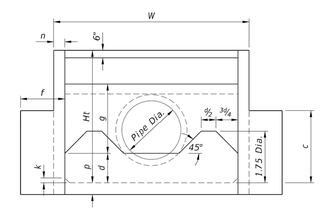
TURN LANE MARKINGS



PLAN



ELEVATION



FRONT VIEW

Pipe		DIMENSION TABLE															Concrete (CY)	Reinf Steel (lb)	Sand-Cement Riprap (Nom.) (CY)
		Feet - Inches										Inches							
Dia.	Area (SF)	W	Ht	L	a	b	c	d	e	f	g	m	n	p	s	t	k		
30"	4.91	9-0	6-3	10-8	4-7	6-1	3-4	1-4	1-2	2-6	3-0	1-11	6	6½	7	7	3	6.72	736	10.6
36"	7.07	10-5	7-3	12-4	5-3	7-1	3-10	1-7	1-3	3-0	3-6	2-3	7	7½	8	8	3	10.34	1,072	13.6
42"	9.62	11-10	8-0	14-0	6-0	8-0	4-5	1-9	1-6	3-0	3-11	2-6	8	8½	9	8	4	14.82	1,429	17.5
48"	12.57	13-3	9-0	15-8	6-9	8-11	4-11	2-0	1-7	3-0	4-5	2-10	9	9½	10	8	4	20.36	2,000	22.1
54"	15.90	14-8	9-9	17-4	7-4	10-0	5-5	2-2	1-10	3-0	4-11	3-0	10	10½	10	8	4	27.19	2,659	27.2
60"	13.63	16-1	10-9	19-0	8-0	11-0	5-11	2-5	1-11	3-0	5-4	3-4	11	11½	11	8	6	34.49	3,552	32.5
66"	23.76	17-3	11-6	20-6	8-8	11-10	6-5	2-7	2-1	3-0	5-9	3-7	12	12½	12	8	6	42.82	4,472	38.3
72"	28.27	18-6	12-3	22-0	9-3	12-9	6-11	2-9	2-3	3-0	6-2	3-9	12	12½	12	8	6	50.68	5,426	44.5

DIMENSIONAL DETAILS

DIMENSIONAL DETAILS

LAST REVISION	DESCRIPTION:			INDEX	SHEET
11/01/18		FY 2019-20 STANDARD PLANS	PAVEMENT MARKINGS	711-001	11 of 13

LAST REVISION	DESCRIPTION:			INDEX	SHEET
11/01/23		FY 2025-26 STANDARD PLANS	U-TYPE CONCRETE ENDWALLS ENERGY DISSIPATOR 30" TO 72" PIPE	430-012	2 of 3

NO.	DATE	BY
3	01/09/2026	JLM
2	12/02/2025	ARP
1	12/02/2025	AG

REVISIONS

3 APOPKA MDP PLANNING COMMENTS
2 SJRWMD COMMENTS DATED 2025/11/05
1 CITY COMMENTS DATED 2025/11/04

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

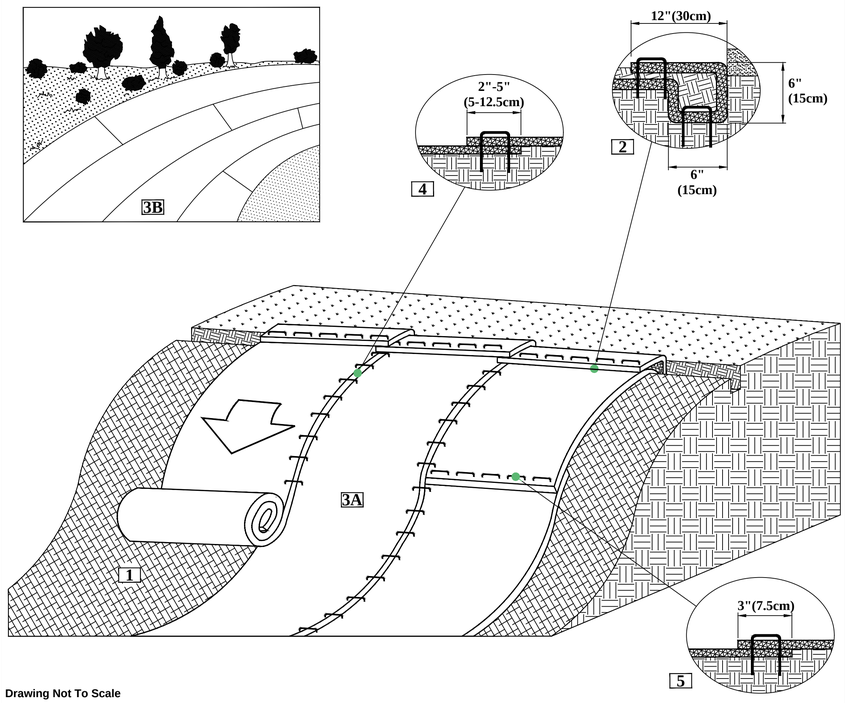
GENERAL CONSTRUCTION DETAILS

APOPKA COLD STORAGE

APOPKA FLORIDA

SHEET NUMBER C8.2

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



Drawing Not To Scale

SLOPE INSTALLATION DETAIL

1. Prepare soil before installing rolled erosion control products (RECPs), including any necessary application of lime, fertilizer, and seed.
2. Begin at the top of the slope by anchoring the RECPs in a 6"(15cm) deep X 6"(15cm) wide trench with approximately 12" (30cm) of RECPs extended beyond the up-slope portion of the trench. Anchor the RECPs with a row of staples/stakes approximately 12" (30cm) apart in the bottom of the trench. Backfill and compact the trench after stapling. Apply seed to the compacted soil and fold the remaining 12"(30cm) portion of RECPs back over the seed and compacted soil. Secure RECPs over compacted soil with a row of staples/stakes spaced approximately 12"(30cm) apart across the width of the RECPs.
3. Roll the RECPs (A) down or (B) horizontally across the slope. RECPs will unroll with appropriate side against the soil surface. All RECPs must be securely fastened to soil surface by placing staples/stakes in appropriate locations as shown in the staple pattern guide.
4. The edges of parallel RECPs must be stapled with approximately 2" - 5" (5-12.5cm) overlap depending on the RECPs type.
5. Consecutive RECPs spliced down the slope must be end over end (Shingle style) with an approximate 3"(7.5cm) overlap. Staple through overlapped area, approximately 12"(30cm) apart across entire RECPs width.

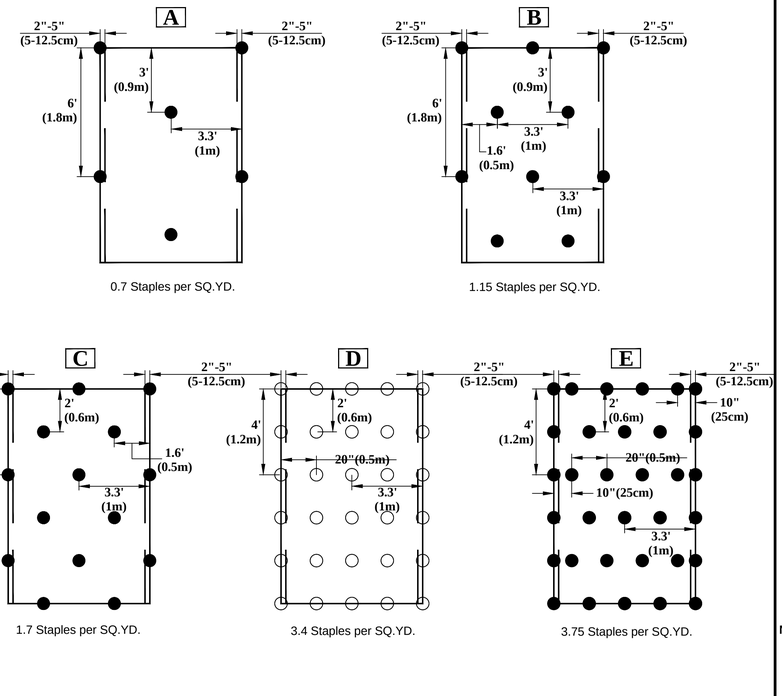
*NOTE:
In loose soil conditions, the use of staple or stake lengths greater than 6"(15cm) may be necessary to properly secure the RECP's.

NORTH AMERICAN GREEN

5401 St. Wendel - Cynthiana Rd. PH: 800-772-2040
Poseyville, IN 47633 www.nagreen.com

Disclaimer:
The information presented herein is general design information only. For specific applications, consult an independent professional for further design guidance.

Drawn on: 5-4-17



0.7 Staples per SQ.YD.

1.15 Staples per SQ.YD.

1.7 Staples per SQ.YD.

3.4 Staples per SQ.YD.

3.75 Staples per SQ.YD.

STAPLE PATTERN GUIDE

- ● 4:1 Slopes (A)
- ● 3:1 Slopes (B)
- ● 2:1 Slopes (C)
- ○ 1:1 & Steeper Slopes (D)
- ○ Medium/High Flow Channel (D)
- ● High Flow Channel And Shoreline (E)

NOTES:

* Use ECMDS© for more accurate staple pattern selection.

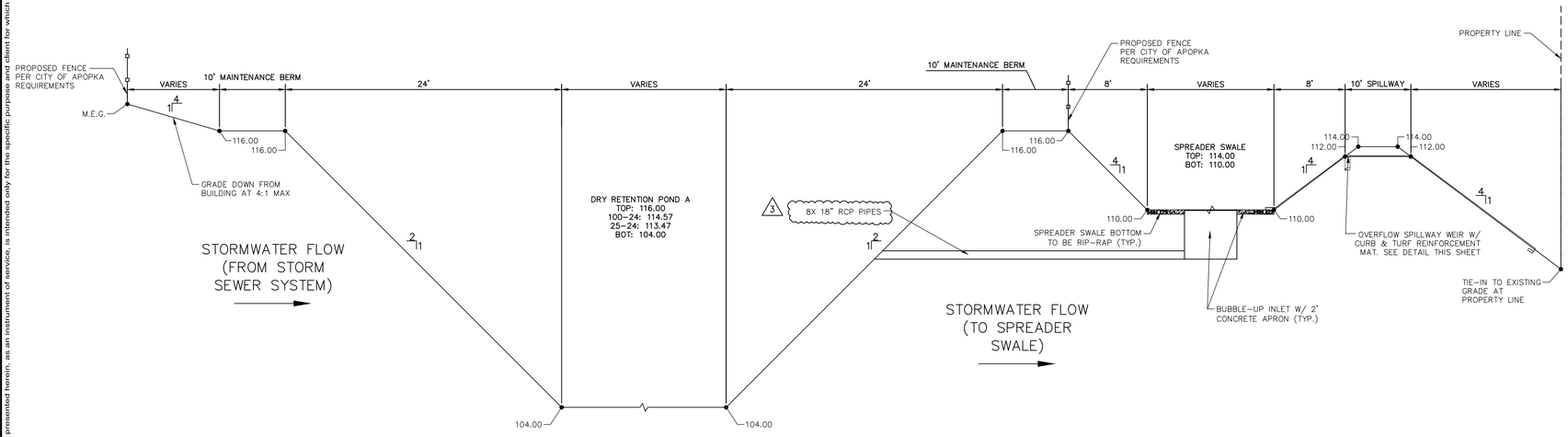
NORTH AMERICAN GREEN

5401 St. Wendel - Cynthiana Rd. PH: 800-722-2040
Poseyville, IN 47633 www.nagreen.com

Disclaimer:
The information presented herein is general design information only. For specific applications, consult an independent professional for further design guidance.

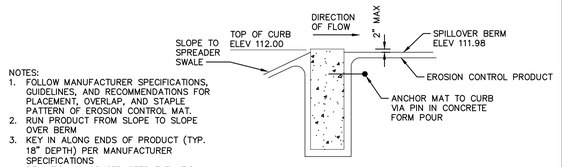
Drawn on: 5-4-17

Drawing Not To Scale



COMBINATION IN-SERIES DRY RETENTION POND AND SPREADER SWALE TYPICAL SECTION

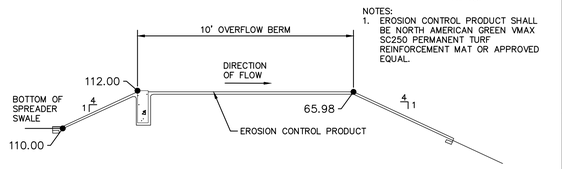
N.T.S.



NOTES:
1. FOLLOW MANUFACTURER SPECIFICATIONS, GUIDELINES, AND RECOMMENDATIONS FOR PLACEMENT, OVERLAP, AND STAPLE PATTERN OF EROSION CONTROL MAT.
2. RUN PRODUCT FROM SLOPE TO SLOPE OVER BERM
3. KEY IN ALONG ENDS OF PRODUCT (TYP. 18" DEPTH) PER MANUFACTURER SPECIFICATIONS
4. DEVIATION IN CONSTRUCTED ELEVATION TO DESIGN ELEVATION IN EXCESS OF 1" INCH SHALL BE DEEMED NON-COMPLIANT.

OVERFLOW BERM CURB DETAIL

N.T.S.



NOTES:
1. EROSION CONTROL PRODUCT SHALL BE NORTH AMERICAN GREEN VMAX SC250 PERMANENT TURF REINFORCEMENT MAT OR APPROVED EQUAL.

OVERFLOW BERM DETAIL

N.T.S.

No.	REVISIONS	DATE	BY
4	APOPKA MDP PLANNING COMMENTS	01/08/2026	JLM
3	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
2	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG
1			

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

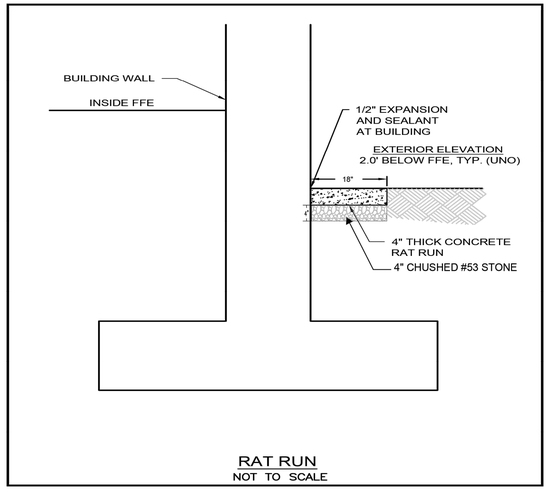
KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

DRAINAGE DETAILS

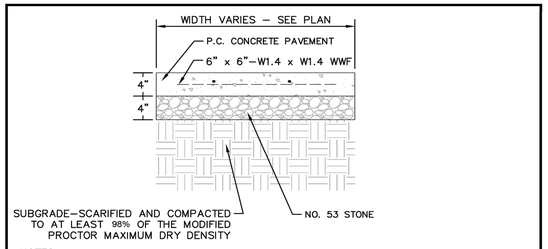
APOPKA COLD STORAGE
APOPKA FLORIDA

SHEET NUMBER
C8.3

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



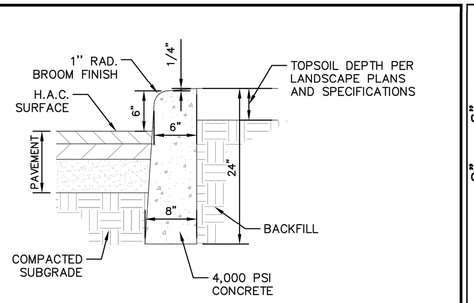
RAT RUN
NOT TO SCALE



NOTES:

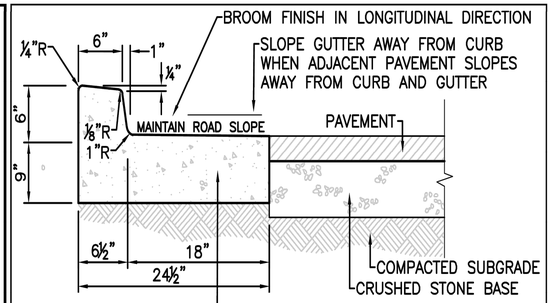
1. ALL SIDEWALK SHALL BE CONSTRUCTED WITH CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 14 DAYS.
2. PROVIDE 1/2" EXPANSION JOINTS AT 20', MAXIMUM, SPACING AND FILLED WITH PREMOLDED BITUMINOUS EXPANSION JOINT FILLER MATERIAL OR REDWOOD. EXPANSION JOINTS SHALL HAVE #4 DOWELS, LUBRICATED, 18" LONG, AT 12" CENTERS, 6" FROM EDGE.
3. PROVIDE 3/8" GROOVED CONTROL JOINTS AT 5' CENTERS.
4. PROVIDE 1/2" BITUMINOUS EXPANSION JOINT FILLER MATERIAL WHERE WALK ABUTS EXISTING IMPROVEMENTS AND AT ALL CHANGES IN GRADE
5. USE 2–#4 REINFORCING BARS, 10' LONG OVER ALL UTILITY TRENCHES FOR NEW SIDEWALK AND CONNECTIONS TO EXISTING SIDEWALK.
6. AT DRIVE APPROACHES, SIDEWALK PCC AND BASE THICKNESS SHALL MATCH THAT OF THE DRIVE.

CONCRETE SIDEWALK
N.T.S.



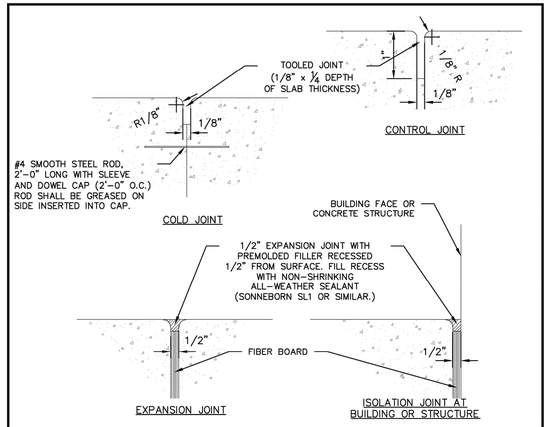
NOTE:
INSTALL JOINTS EVERY 15' AND ALIGN WITH SIDEWALK JOINTS WHERE ADJACENT TO SIDEWALK.

CONCRETE CURB
N.T.S.

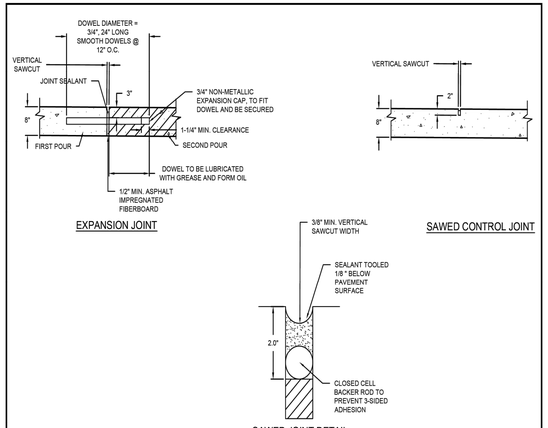


NOTE:
PROVIDE CONTRACTION JOINTS AT 20' INTERVALS AND 1" PREFORMED EXPANSION JOINTS AT 100' INTERVALS

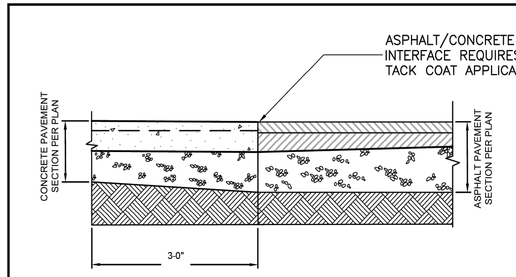
CONCRETE CURB & GUTTER
NOT TO SCALE



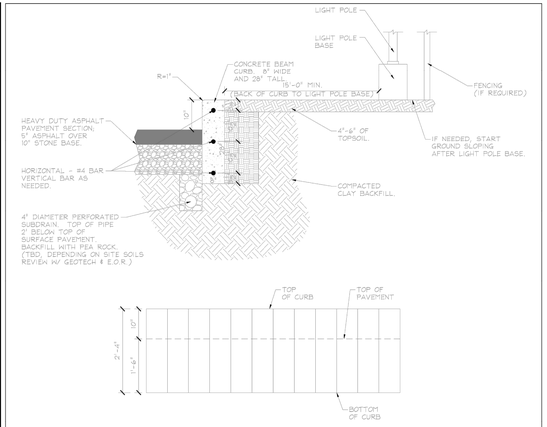
TYPICAL CONCRETE JOINT DETAILS
N.T.S.



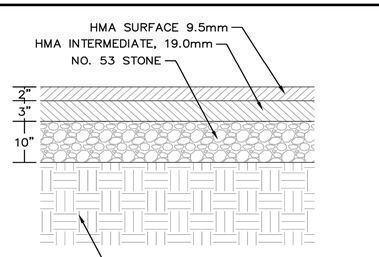
CONCRETE PAVEMENT JOINT DETAILS
NOT TO SCALE



ASPHALT/CONCRETE INTERFACE
NOT TO SCALE



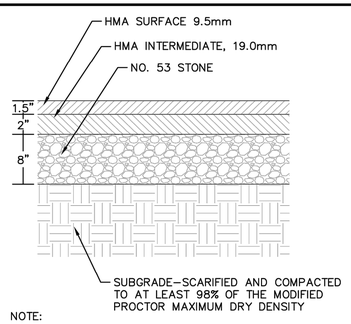
TC STANDARD - 10" HD TRUCK CURB
SCALE: NO SCALE
(REVIEW LOCATION FOR THIS DETAIL W/ CIVIL E.O.R.)



NOTE:

1. CURRENT INDOT SPECIFICATIONS. CONTRACTOR TO ENSURE COMPLIANCE WITH GEOTECHNICAL ENGINEERING RECOMMENDATIONS

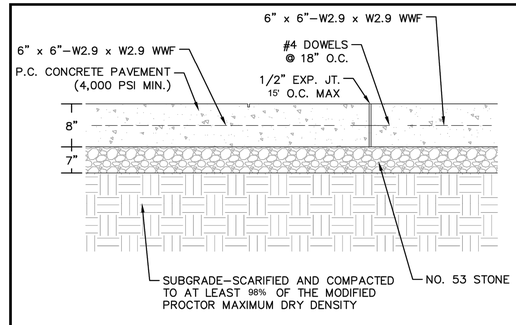
HEAVY DUTY ASPHALT PAVEMENT SECTION
N.T.S.



NOTE:

1. CURRENT INDOT SPECIFICATIONS. CONTRACTOR TO ENSURE COMPLIANCE WITH GEOTECHNICAL ENGINEERING RECOMMENDATIONS

STANDARD DUTY ASPHALT PAVEMENT SECTION
N.T.S.



NOTE:

1. CURRENT INDOT SPECIFICATIONS. CONTRACTOR TO ENSURE COMPLIANCE WITH GEOTECHNICAL ENGINEERING RECOMMENDATIONS

HEAVY DUTY CONCRETE PAVEMENT SECTION
N.T.S.

No.	REVISIONS	DATE	BY
3	APOPKA MDP PLANNING COMMENTS	01/09/2026	JLM
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

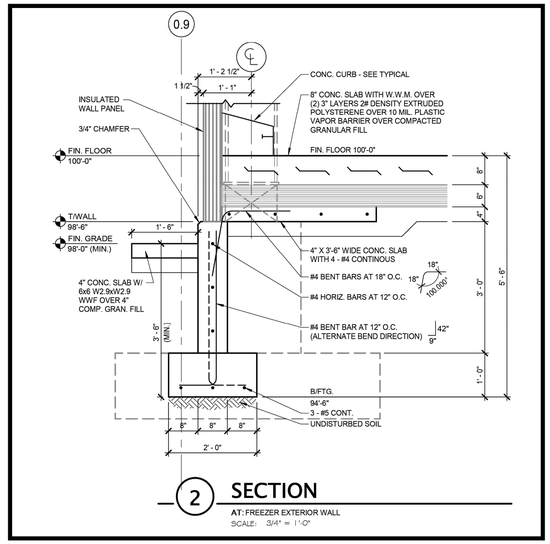
CIVIL STANDARD DETAILS

APOPKA COLD STORAGE

APOPKA FLORIDA

SHEET NUMBER
C8.4

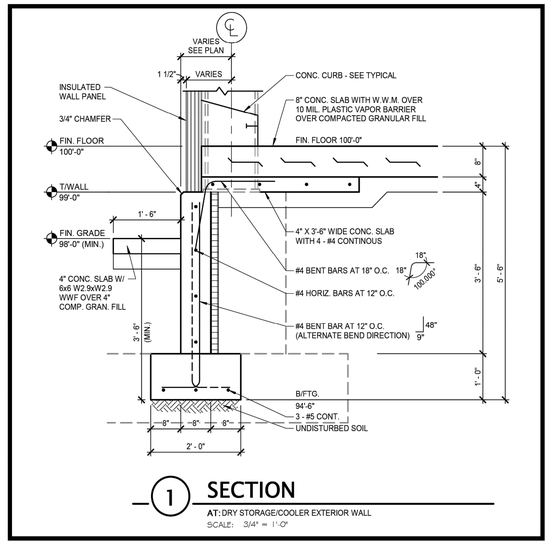
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



2 SECTION

AT: FREEZER EXTERIOR WALL

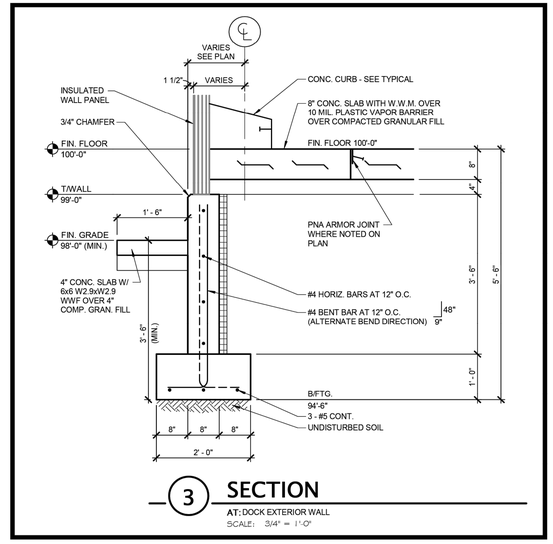
SCALE: 3/4" = 1'-0"



1 SECTION

AT: DRY STORAGE/COOLER EXTERIOR WALL

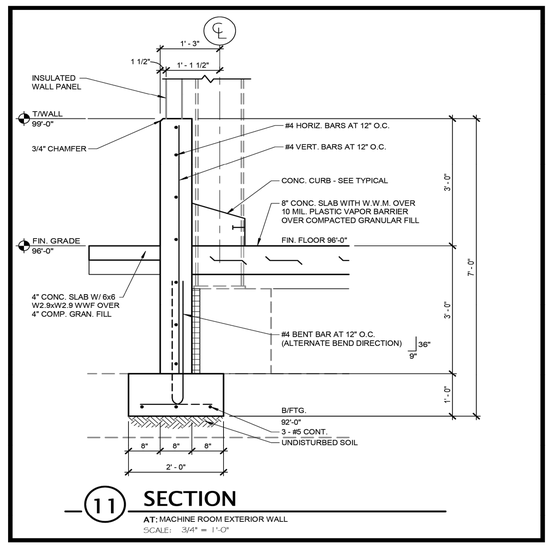
SCALE: 3/4" = 1'-0"



3 SECTION

AT: DOCK EXTERIOR WALL

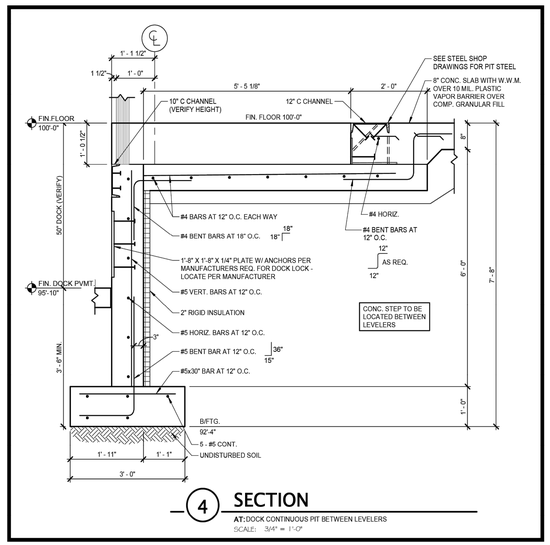
SCALE: 3/4" = 1'-0"



11 SECTION

AT: MACHINE ROOM EXTERIOR WALL

SCALE: 3/4" = 1'-0"



4 SECTION

AT: DOCK CONTINUOUS PIT BETWEEN LEVELERS

SCALE: 3/4" = 1'-0"

No.	REVISIONS	DATE	BY
3	APOPKA MDP PLANNING COMMENTS	01/09/2026	JLM
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

CIVIL STANDARD DETAILS

APOPKA COLD STORAGE

APOPKA FLORIDA

SHEET NUMBER
C8.5

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

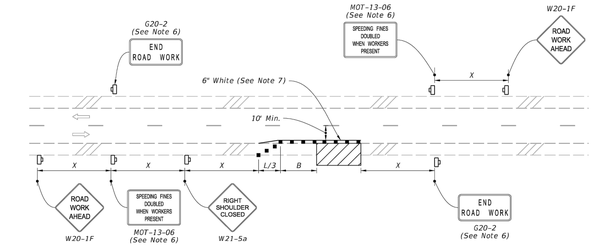
9/10/2024 10:45:37 AM

NOTE:

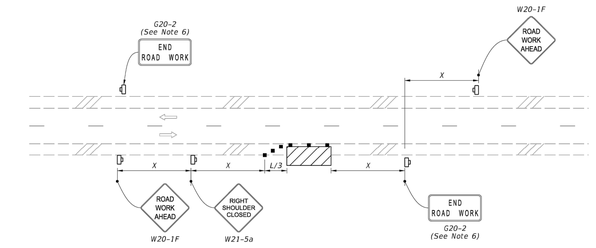
1. This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work on the shoulder.
2. L = Taper Length
   X = Work Zone Sign Spacing
   B = Buffer Length
   See Index 102-600 for "L", "X", "B", and channelizing device spacing values.
3. Where work activities are between 2' and 15' from the edge of traveled way, the Engineer may omit signs and channelizing devices for work operations 60 minutes or less.
4. When four or more work vehicles enter the through traffic lanes in a one hour period (excluding establishing and terminating the work area), use a flagger or lane closure to accommodate work vehicle ingress and egress.
5. For work less than 2' from the traveled way and work zone speed is greater than 45 MPH, use a lane closure.
6. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" Signs (G20-2) along with the associated work zone sign spacing distances may be omitted when the work operation is in place for 24 hours or less.
7. Temporary pavement markings may be omitted when the work operation is in place for 3 days or less.
8. Omit "Shoulder Closed" signs (W21-5a) along with associated work zone sign spacing distances for work on the median.
9. When there is no paved shoulder, the "Worker" sign (W21-1) may be used instead of the "Shoulder Closed" sign (W21-5a).

SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Lane Identification and Direction of Traffic



TWO-LANE ROADWAY
SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY
WITH WORK ZONE SPEED OF 45 MPH OR LESS



TWO-LANE ROADWAY
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY

LAST REVISION	DESCRIPTION:	FDOT FY 2025-26 STANDARD PLANS	TWO-LANE AND MULTILANE, WORK ON SHOULDER	INDEX	SHEET
11/01/21	REVISION			102-602	1 of 2

9/10/2024 10:46:28 AM

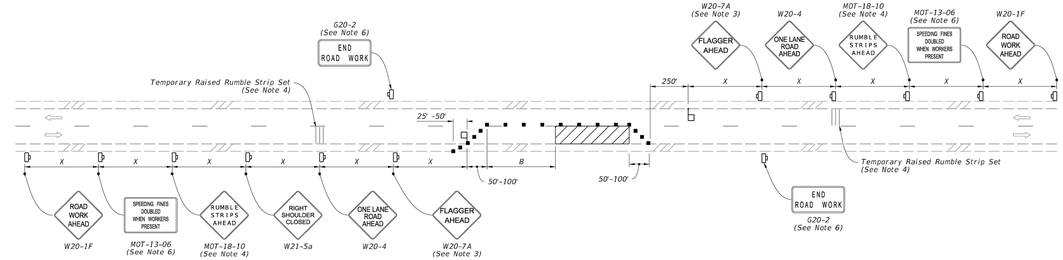
NOTES:

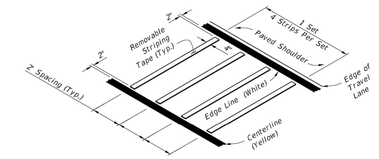
1. This Index applies to Two-Lane, Two-Way Roadways with work within the traveled way.
2. L = Taper Length
   B = Buffer Length
   X = Work Zone Sign Spacing
   See Index 102-600 for "L", "B", "X" and channelizing device spacing values.
3. Optionally, use "Flagger Ahead" sign with symbol (W20-7) instead of "Flagger Ahead" sign with text (W20-7A).
4. Use temporary raised rumble strips when the existing posted speed is 55 mph or greater and the work duration is greater than 60 minutes. If temporary raised rumble strips are not used, omit "Rumble Strips Ahead" signs (MOT-18-10) and associated work zone sign spacing.
5. Additional one-way control may be provided by the following means:
   a. Flag-carrying vehicle
   b. Official vehicle
   c. Pilot vehicles
   d. Traffic signals

   When flaggers are the sole means of one-way control, the flaggers must be in sight of each other or in direct communication at all times.
6. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" signs (G20-2), along with associated work zone sign spacing, may be omitted when the work operation will be in place for 24 hours or less.
7. Automated Flagger Assistance Devices (AFADs) may be used in accordance with Specification Sections 102, 990 and the APL vendor drawings.
8. Railroad Crossings:
   a. If an active railroad crossing is located closer to the Work Area than the queue length plus 300 feet, extend the Buffer Space as shown on Sheet 2.
   b. If the queuing of vehicles across an active railroad crossing cannot be avoided, provide a uniformed traffic control officer or flagger at the highway-rail grade crossing to prevent vehicles from stopping within the highway-rail grade crossing, even if automatic train warning devices are in place.

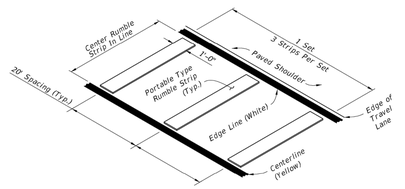
SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Flagger
- Lane Identification and Direction of Traffic





OPTION - 1
REMOVABLE STRIPING TYPE



OPTION - 2
PORTABLE TYPE

RUMBLE STRIP SETS

LAST REVISION	DESCRIPTION:	FDOT FY 2025-26 STANDARD PLANS	TWO-LANE, TWO-WAY WORK WITHIN THE TRAVEL WAY	INDEX	SHEET
11/01/21	REVISION			102-603	1 of 2

No.	DATE	BY
3	01/08/2026	JLM
	APOPKA MDP PLANNING COMMENTS	
2	12/02/2025	ARP
	SJRWMD COMMENTS DATED 2025/11/05	
1	12/02/2025	AG
	CITY COMMENTS DATED 2025/11/04	
	REVISIONS	

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

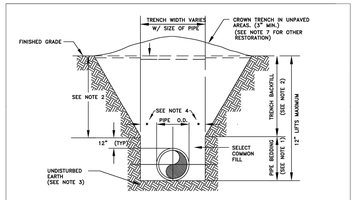
KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

MOT DETAILS

APOPKA COLD STORAGE

FLORIDA
APOPKA

SHEET NUMBER
C8.6

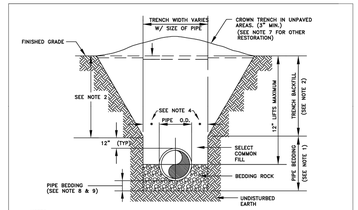


NOTES:

1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 98% UNDER PAVEMENT OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 98% UNDER PAVEMENT OF THE MAXIMUM DENSITY AS TO AASHTO T-180.
3. PIPE BEDDING UTILIZING SELECT COMMON FILL OR BEDDING ROCK IN ACCORDANCE WITH TYPE A BEDDING AND TRENCHING DETAIL MAY BE REQUIRED AS DIRECTED BY THE CITY.
4. (*): 15" MAX. FOR PIPE DIAMETERS LESS THAN 24", AND 24" FOR PIPE DIAMETER 24" AND LARGER.
5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
7. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF GOVERNING AGENCIES.
8. SURFACE RESTORATION WITHIN CITY RIGHT-OF-WAY, SHALL COMPLY WITH REQUIREMENTS OF RIGHT-OF-WAY UTILIZATION REGULATIONS.
9. ALL UNPAVED DISTURBED AREAS SHALL BE SODDED TO MATCH ADJACENT DOMINATE GRASS SPECIES.

TYPE "B" BEDDING AND OPEN-CUT DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 100

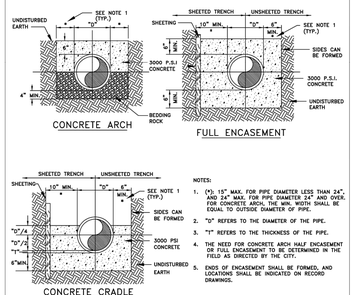


NOTES:

1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 98% UNDER PAVEMENT OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 98% UNDER PAVEMENT OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
3. USE OF TYPE A BEDDING TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CITY.
4. (*): 15" MAX. FOR PIPE DIAMETER LESS THAN 24", AND 24" MAX. FOR PIPE DIAMETER 24" AND LARGER.
5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
7. GRAVITY SEWERS SHALL UTILIZE TYPE A BEDDING IF REQUIRED BY THE CITY. BEDDING DEPTH SHALL BE 4" MINIMUM FOR PIPE DIAMETER LESS THAN 15" AND 6" MINIMUM FOR PIPE DIAMETER 16" AND LARGER.
8. DEPTH FOR REMOVAL OF UNSUITABLE MATERIAL SHALL GOVERN DEPTH OF BEDDING ROCK BELOW THE PIPE. THE CITY SHALL DETERMINE IN THE FIELD IF REMOVAL OF UNSUITABLE MATERIAL IS REQUIRED TO REACH A SUITABLE FOUNDATION.
9. ALL UNPAVED DISTURBED AREAS SHALL BE SODDED TO MATCH ADJACENT DOMINATE GRASS SPECIES.
10. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF THE GOVERNING AGENCIES. SURFACE RESTORATION WITHIN CITY RIGHT-OF-WAY, SHALL COMPLY WITH REQUIREMENTS OF RIGHT-OF-WAY UTILIZATION REGULATIONS.

TYPE "A" BEDDING AND OPEN-CUT DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 101



NOTES:

1. (*): 15" MAX. FOR PIPE DIAMETER LESS THAN 24", AND 24" MAX. FOR PIPE DIAMETER 24" AND OVER. FOR CONCRETE ARCH, THE MIN. WIDTH SHALL BE EQUAL TO OUTSIDE DIAMETER OF PIPE.
2. "D" REFERS TO THE DIAMETER OF THE PIPE.
3. "T" REFERS TO THE THICKNESS OF THE PIPE.
4. THE NEED FOR CONCRETE ARCH/ HALF ENCASEMENT OR FULL ENCASEMENT TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CITY.
5. ENDS OF ENCASEMENT SHALL BE FORMED, AND LOCATIONS SHALL BE INDICATED ON RECORD DRAWINGS.

CONCRETE ARCH AND ENCASEMENT DETAILS

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 102

	PIPE SIZE									
	6"	8"	10"	12"	16"	18"	20"	24"	30"	36"	48"
90° BEND	33	43	51	60							
45° BEND	14	18	22	25							
22-1/2° BEND	7	9	11	12							
11-1/4° BEND	4	5	6	6							
TEE**	1	7	24	44							
REDUCER (ONE SIZE SMALLER)		41	39	40							
DEAD END	74	96	115	136							

* ONLY RESTRAIN BRANCH PIPE FOR TEES. ONLY RESTRAIN LARGER PIPE FOR REDUCERS
** LENGTH ALONG RUN ASSUMED TO BE 18'

NOTES:

1. FITTINGS SHALL BE DUCTILE IRON RESTRAINED JOINT TYPE. FM FITTINGS TO BE LINED WITH PROTECTO 401.
2. INSTALL FULL LENGTHS OF PIPE WITH TOTAL LENGTH CONTAINING ONLY RESTRAINED JOINTS EQUAL TO OR GREATER THAN LENGTH SHOWN IN TABLE.
3. WHERE TWO OR MORE FITTINGS ARE TOGETHER, USE FITTING WHICH YIELDS GREATEST LENGTH OF RESTRAINED PIPE.
4. IN LINE VALVES AND THROUGH RUN OF TEES OUTSIDE LIMITS OF RESTRAINED JOINTS FROM OTHER FITTINGS NEED NOT BE RESTRAINED UNLESS OTHERWISE INDICATED.
5. LENGTHS SHOWN IN THE TABLE HAVE BEEN CALCULATED IN ACCORDANCE WITH THE PROCEDURE OUTLINED IN "THRUST RESTRAINT DESIGN FOR DUCTILE IRON PIPE" AS PUBLISHED BY DIPRA, FOR PVC WITH THE FOLLOWING ASSUMPTIONS:
   TYPE OF PIPE:_____PVC_____
   WORKING PRESSURE:_____150_____P.S.I.** ** FM = 100 P.S.I. /
   SOIL DESIGNATION:_SM(SAND& SILT)_____ WM OR RWM = 150 P.S.I.
   LAYING CONDITIONS:_____3_____
6. FOR PIPE ENCASED IN POLYETHYLENE INCREASE THE GIVEN VALUE BY A FACTOR OF 1.5.
7. VALUES NOT LISTED IN THE TABLE TO BE COMPLETED BY THE ENGINEER.

RESTRAINED PIPE TABLE (PVC)

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 105

	PIPE SIZE									
	6"	8"	10"	12"	16"	18"	20"	24"	30"	36"	48"
90° BEND					61	67	73	84	100	114	
45° BEND					26	28	31	35	42	48	
22-1/2° BEND					13	14	15	17	20	23	
11-1/4° BEND					6	7	8	9	10	12	
TEE**					52	62	74	95	124	152	
REDUCER (ONE SIZE SMALLER)					48	25	25	47	66	66	
DEAD END					111	123	135	157	188	218	

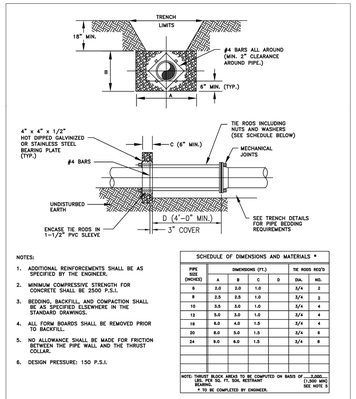
* ONLY RESTRAIN BRANCH PIPE FOR TEES. ONLY RESTRAIN LARGER PIPE FOR REDUCERS
** LENGTH ALONG RUN ASSUMED TO BE 18'

NOTES:

1. FITTINGS SHALL BE RESTRAINED JOINT TYPE. FM FITTINGS TO BE LINED WITH PROTECTO 401.
2. INSTALL FULL LENGTHS OF PIPE WITH TOTAL LENGTH CONTAINING ONLY RESTRAINED JOINTS EQUAL TO OR GREATER THAN LENGTH SHOWN IN TABLE.
3. WHERE TWO OR MORE FITTINGS ARE TOGETHER, USE FITTING WHICH YIELDS GREATEST LENGTH OF RESTRAINED PIPE.
4. IN LINE VALVES AND THROUGH RUN OF TEES OUTSIDE LIMITS OF RESTRAINED JOINTS FROM OTHER FITTINGS NEED NOT BE RESTRAINED UNLESS OTHERWISE INDICATED.
5. LENGTHS SHOWN IN THE TABLE HAVE BEEN CALCULATED IN ACCORDANCE WITH THE PROCEDURE OUTLINED IN "THRUST RESTRAINT DESIGN FOR DUCTILE IRON PIPE" AS PUBLISHED BY DIPRA, WITH THE FOLLOWING ASSUMPTIONS:
   TYPE OF PIPE:_____PVC_____
   WORKING PRESSURE:_____150_____P.S.I.** ** FM = 100 P.S.I. /
   SOIL DESIGNATION:_SM(SAND& SILT)_____ WM OR RWM = 150 P.S.I.
   LAYING CONDITIONS:_____3_____
6. VALUES NOT LISTED IN THE TABLE TO BE COMPLETED BY THE ENGINEER.

RESTRAINED PIPE TABLE (DI)

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JAUARY 2014	FIG. 106



NOTES:

1. ADDITIONAL REINFORCEMENTS SHALL BE AS SPECIFIED BY THE ENGINEER.
2. MINIMUM COMPRESSIVE STRENGTH FOR CONCRETE SHALL BE 2500 P.S.I.
3. BEDDING, BACKFILL, AND COMPACTION SHALL BE AS SPECIFIED ELSEWHERE IN THE STANDARD DRAWINGS.
4. ALL FORM BOARDS SHALL BE REMOVED PRIOR TO BACKFILL.
5. NO ALLOWANCE SHALL BE MADE FOR FRICTION BETWEEN THE PIPE WALL AND THE THRUST COLLAR.
6. DESIGN PRESSURE: 150 P.S.I.

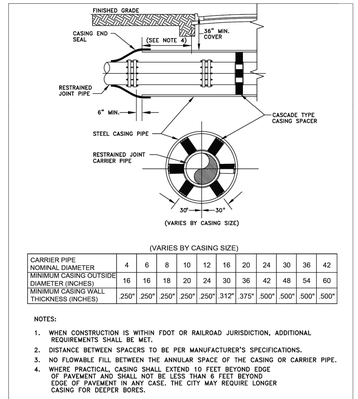
SCHEDULE OF DIMENSIONS AND MATERIALS *

PIPE SIZE (INCHES)	DIMENSIONS (FT.)				TIE RODS REQ'D	
	A	B	C	D	DIA.	NO.
6	2.0	2.0	1.0		3/4	2
8	2.5	2.5	1.0		3/4	2
10	3.5	3.0	1.0		3/4	4
12	5.0	3.0	1.0		3/4	4
16	6.0	4.0	1.5		3/4	4
20	8.0	5.0	1.5		3/4	6
24	9.0	6.0	1.5		3/4	8

NOTE: THRUST BLOCK AREAS TO BE COMPUTED ON BASIS OF ____0.000____ P.S.I. TEST PRESSURE AND ____2000____ P.S.F. SOIL RESTRAINT BEARING. SEE NOTE 6
* TO BE COMPLETED BY ENGINEER.

WATER MAIN THRUST COLLAR DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 107



(VARIES BY CASING SIZE)

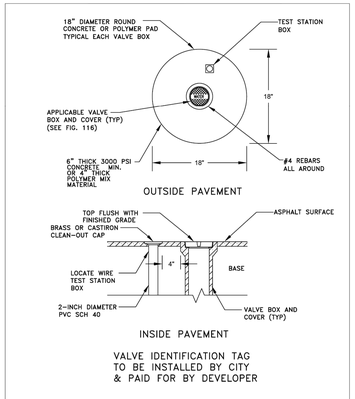
CARRIER PIPE NOMINAL DIAMETER	4	6	8	10	12	16	20	24	30	36	42
MINIMUM CASING OUTSIDE DIAMETER (INCHES)	16	16	18	20	24	30	36	42	48	54	60
MINIMUM CASING WALL THICKNESS (INCHES)	.250"	.250"	.250"	.250"	.250"	.312"	.375"	.500"	.500"	.500"	.500"

NOTES:

1. WHEN CONSTRUCTION IS WITHIN FDOT OR RAILROAD JURISDICTION, ADDITIONAL REQUIREMENTS SHALL BE MET.
2. DISTANCE BETWEEN SPACERS TO BE PER MANUFACTURER'S SPECIFICATIONS.
3. NO FLOWABLE FILL BETWEEN THE ANNULAR SPACE OF THE CASING OR CARRIER PIPE.
4. WHERE PRACTICAL, CASING SHALL EXTEND 10 FEET BEYOND EDGE OF PAVEMENT AND SHALL NOT BE LESS THAN 6 FEET BEYOND EDGE OF PAVEMENT IN ANY CASE. THE CITY MAY REQUIRE LONGER CASING FOR DEEPER BORES.

BORING AND JACKING DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 108



VALVE IDENTIFICATION TAG
TO BE INSTALLED BY CITY
& PAID FOR BY DEVELOPER

VALVE BOX

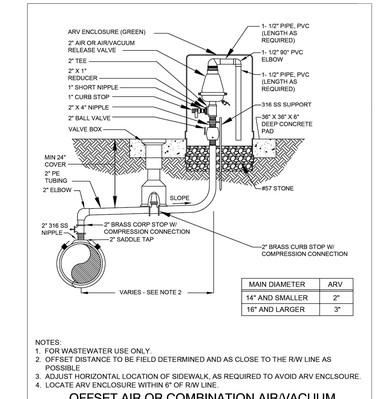
CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 109

PSI	DI FITTINGS		PIPE MATERIAL*			GATE VALVE**		FORCEMAIN*	
	≤24"	>24"	PVC	DI	HDPE	≤12"	>12"	PVC	HDPE
100								●	●
150			●		●		●		
200						●			
250		●		●					
350	●								

* PVC SHALL HAVE A MAXIMUM DIMENSION RATIO (DR) OF 18 AND HDPE SHALL BE MAX DR11. FORCEMAIN: PVC SHALL BE MAX DR18 UNLESS DESIGN REQUIRES OTHERWISE AND HDPE SHALL BE MAX DR17.
** BUTTERFLY VALVES SHALL BE CLASS 150B

PIPE AND APPURTENANCES PRESSURE RATING

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JAUARY 2014	FIG. 110

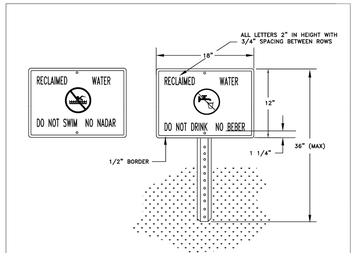


MAIN DIAMETER	ARV
14" AND SMALLER	2"
16" AND LARGER	3"

NOTES:
1. FOR WASTEWATER USE ONLY.
2. OFFSET DISTANCE TO BE FIELD DETERMINED AND AS CLOSE TO THE R/W LINE AS POSSIBLE.
3. ADJUST HORIZONTAL LOCATION OF SIDEWALK, AS REQUIRED TO AVOID ARV ENCLSOURE.
4. LOCATE ARV ENCLOSURE WITHIN 6" OF R/W LINE.

OFFSET AIR OR COMBINATION AIR/VACUUM RELEASE VALVE DETAIL - WASTEWATER ONLY

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2015	FIG. 114

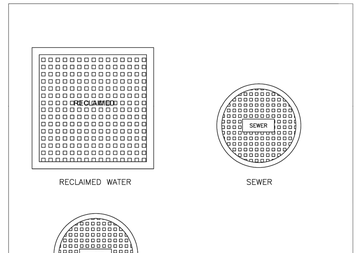


NOTES:

1. HEIGHT OF SIGN WILL DEPEND ON LOCATION AND SURROUNDING LANDSCAPE PLANT TYPES. IN ALL CASES, THE SIGN SHALL BE VISIBLE TO THE PUBLIC.
2. BACKGROUND SHALL BE WHITE, LETTERS AND FIGURES SHALL BE BLACK. PROHIBITIVE SYMBOL SHALL BE RED.
3. ENGINEERING GRADE REFLECTIVE MATERIALS SHALL BE USED.
4. POST SHALL BE U CHANNEL 12 FT. 2 LB. HOT ROLLED HIGH TENSILE RAIL OR BILLET STEEL, HOT DIP GALVANIZED PER ASTM A-123.
5. MOUNTING HARDWARE SHALL BE STAINLESS STEEL.
6. SIGNS SHALL BE PLACED BY THE CONTRACTOR IN ACCORDANCE WITH THE CITY APPROVED ENGINEERING PLANS AND/OR AS APPROVED BY PUBLIC SERVICES DEPARTMENT.

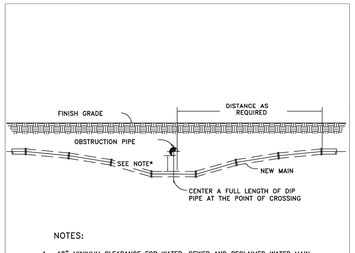
RECLAIMED WATER ADVISORY SIGN

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 115



TYPICAL VALVE BOX COVER DETAILS

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 116



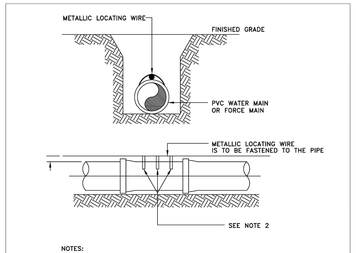
NOTES:

1. 18" MINIMUM CLEARANCE FOR WATER, SEWER AND RECLAIMED WATER MAIN CROSSINGS
2. 12" MINIMUM CLEARANCE REQUIRED FOR OTHER TYPE UTILITY CROSSINGS.
3. SEE ENCASEMENT DETAIL IF MINIMUM CLEARANCE CANNOT BE OBTAINED.

* CONSTRUCT UNIFORM PIPE DEFLECTION NOT TO EXCEED 75% OF MANUFACTURER RECOMMENDED MAXIMUM DEFLECTION PER PIPE JOINT

UTILITY CROSSING PIPE DEFLECTION DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 117

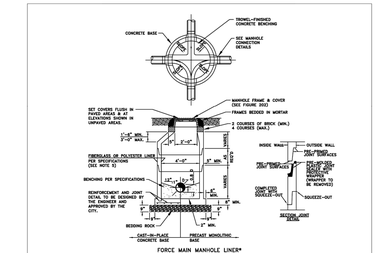


NOTES:

1. PVC PIPE SHALL REQUIRE INSULATED METALLIC LOCATING WIRE (10 AWG-SOLID CCS REINFORCED TRACER WIRE-INSULATED 30 MIL HDPE – 30 VOLT MFG. BY COPPERHEAD INDUSTRIES, LLC OR EQUAL) CAPABLE OF DETECTION BY A CABLE LOCATOR.
2. SHALL BE BURIED DIRECTLY ABOVE THE CENTERLINE OF THE PIPE AND ATTACHED WITH DUCT TAPE OR NYLON STRAPS AT 3 LOCATIONS PER JOINT. LOCATING WIRE SHALL TERMINATE AT THE TEST STATION BOX AS SHOWN IN FIG. 109.
3. BE CAPABLE OF EXTENDING 12" ABOVE TOP OF TEST STATION BOX IN SUCH A MANNER SO AS NOT TO INTERFERE WITH VALVE OPERATION.
4. SPLICES SHOULD BE MADE USING STANDARDS AND PRODUCTS DESIGNED FOR DIRECT BURIAL CONDUCTORS.
5. WIRE INSULATION SHALL BE COLOR CODED FOR THE TYPE OF PIPE BEING INSTALLED.

PVC PIPE LOCATING WIRE DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 118



FORCE MAIN MANHOLE LINER*

DIAMETER (INCHES)	THICKNESS (INCHES) HEIGHT (FEET) 3–6	7–12	13–17	MATERIAL	MANUFACTURER
48					
60					
72					

* TO BE COMPLETED BY THE ENGINEER

NOTES:

1. MANHOLE SHOWN IS FOR SEWER SIZE 8" THRU 24". SEE SECTION 20.4 OF THE MANUAL FOR MANHOLE DIAMETER FOR SEWERS LARGER THAN 24".
2. DROP CONNECTIONS ARE REQUIRED WHENEVER INVERT OF INFLUENT SEWER IS 24" OR MORE ABOVE THE INVERT OF THE MANHOLE. SEE MANHOLE CONNECTION DETAILS.
3. THE THICKNESS OF THE LINER SHALL BE 3/8" MINIMUM.
4. EACH BENCH WALL SHALL BE A MINIMUM OF 18 INCHES LONG FROM THE WALL OF THE MANHOLE TOWARD THE CENTER.
5. SANITARY SEWER MANHOLES MAY BE REQUIRED TO BE LINED IN ACCORDANCE WITH THE CITY OF APOPKA LIST OF APPROVED MATERIALS AND PRODUCTS AS DIRECTED BY THE CITY.

TYPICAL MANHOLE

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2015	FIG. 200

No.	DATE	BY
3	01/08/2026	JLM
2	12/02/2025	ARP
1	12/02/2025	AG

REVISIONS

3 APOPKA MDP PLANNING COMMENTS
2 SJRWMD COMMENTS DATED 2025/11/05
1 CITY COMMENTS DATED 2025/11/04

Kimley»Horn

© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

CITY OF APOPKA DETAILS

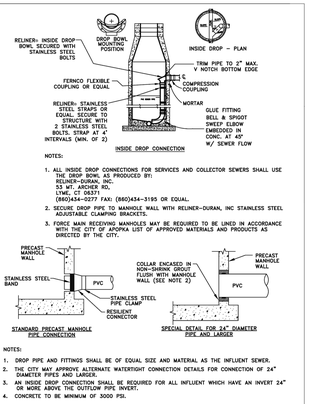
APOPKA COLD STORAGE

FLORIDA

APOPKA

SHEET NUMBER C8.7

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

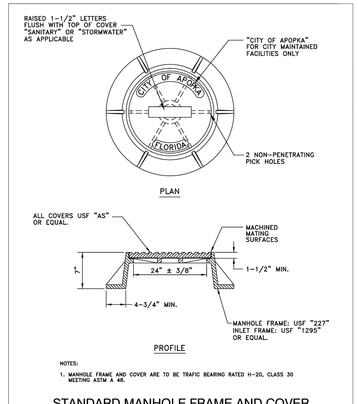


NOTES:

1. DROP PIPE AND FITTINGS SHALL BE OF EQUAL SIZE AND MATERIAL AS THE INFLUENT SEWER.
2. THE CITY MAY APPROVE ALTERNATE WATERTIGHT CONNECTION DETAILS FOR CONNECTION OF 24" DIAMETER PIPES AND LARGER.
3. AN INSIDE DROP CONNECTION SHALL BE REQUIRED FOR ALL INFLUENT WHICH HAVE AN INVERT 24" OR MORE ABOVE THE OUTFLOW PIPE INVERT.
4. CONCRETE TO BE MINIMUM OF 3000 PSI.

MANHOLE CONNECTION DETAILS

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2015	FIG. 201

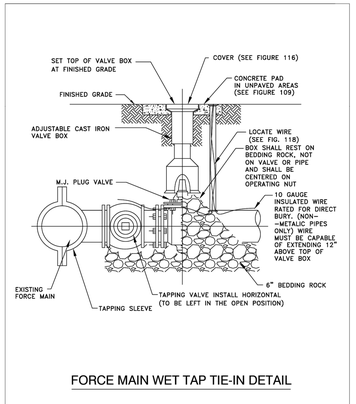


NOTES:

1. MANHOLE FRAME AND COVER ARE TO BE TRAFIC BEARING RATED H-20, CLASS 30 MEETING ASTM A 48.

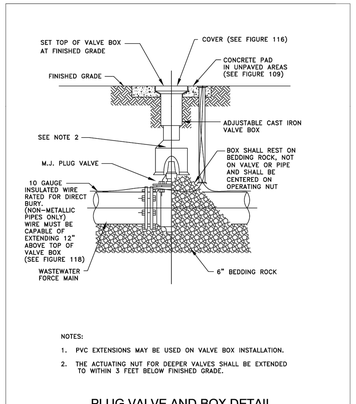
STANDARD MANHOLE FRAME AND COVER

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 202



FORCE MAIN WET TAP TIE-IN DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 206

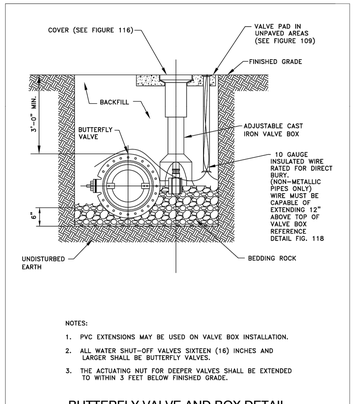


NOTES:

1. PVC EXTENSIONS MAY BE USED ON VALVE BOX INSTALLATION.
2. THE ACTUATING NUT FOR DEEPER VALVES SHALL BE EXTENDED TO WITHIN 3 FEET BELOW FINISHED GRADE.

PLUG VALVE AND BOX DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 400 A

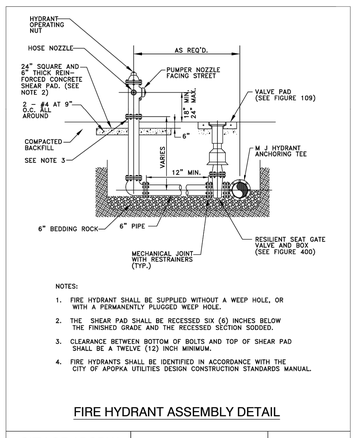


NOTES:

1. PVC EXTENSIONS MAY BE USED ON VALVE BOX INSTALLATION.
2. ALL WATER SHUT-OFF VALVES SIXTEEN (16) INCHES AND LARGER SHALL BE BUTTERFLY VALVES.
3. THE ACTUATING NUT FOR DEEPER VALVES SHALL BE EXTENDED TO WITHIN 3 FEET BELOW FINISHED GRADE.

BUTTERFLY VALVE AND BOX DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 401

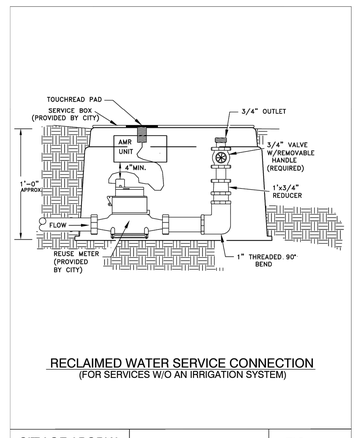


NOTES:

1. FIRE HYDRANT SHALL BE SUPPLIED WITHOUT A WEEP HOLE, OR WITH A PERMANENTLY PLUGGED WEEP HOLE.
2. THE SHEAR PAD SHALL BE RECESSED SIX (6) INCHES BELOW THE FINISHED GRADE AND THE RECESSED SECTION SODDED.
3. CLEARANCE BETWEEN BOTTOM OF BOLTS AND TOP OF SHEAR PAD SHALL BE A TWELVE (12) INCH MINIMUM.
4. FIRE HYDRANTS SHALL BE IDENTIFIED IN ACCORDANCE WITH THE CITY OF APOPKA UTILITIES DESIGN CONSTRUCTION STANDARDS MANUAL.

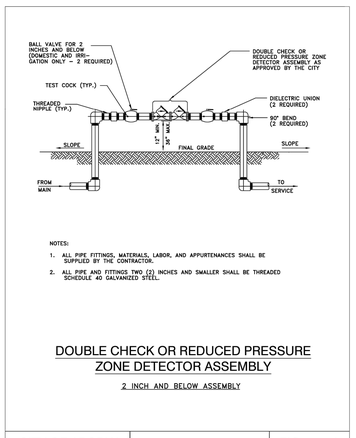
FIRE HYDRANT ASSEMBLY DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 402



RECLAIMED WATER SERVICE CONNECTION
(FOR SERVICES W/O AN IRRIGATION SYSTEM)

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 506

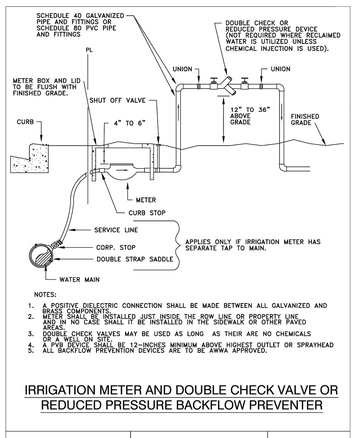


NOTES:

1. ALL PIPE FITTINGS, MATERIALS, LABOR, AND APPURTENANCES SHALL BE SUPPLIED BY THE CONTRACTOR.
2. ALL PIPE AND FITTINGS TWO (2) INCHES AND SMALLER SHALL BE THREADED SCHEDULE 40 GALVANIZED STEEL.

DOUBLE CHECK OR REDUCED PRESSURE ZONE DETECTOR ASSEMBLY
2 INCH AND BELOW ASSEMBLY

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 500 A

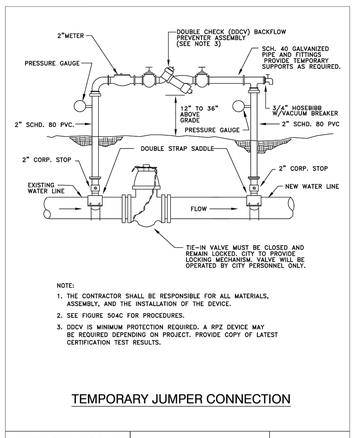


NOTES:

1. A POSITIVE DIELECTRIC CONNECTION SHALL BE MADE BETWEEN ALL GALVANIZED AND BRASS COMPONENTS.
2. METER SHALL BE INSTALLED JUST INSIDE THE ROW LINE OR PROPERTY LINE, AND IN NO CASE SHALL IT BE INSTALLED IN THE SIDEWALK OR OTHER PAVED AREAS.
3. DOUBLE CHECK VALVES MAY BE USED AS LONG AS THEIR ARE NO CHEMICALS OR A WELL ON SITE.
4. A PVB DEVICE SHALL BE 12-INCHES MINIMUM ABOVE HIGHEST OUTLET OR SPRAYHEAD
5. ALL BACKFLOW PREVENTION DEVICES ARE TO BE AWWA APPROVED.

IRRIGATION METER AND DOUBLE CHECK VALVE OR REDUCED PRESSURE BACKFLOW PREVENTER

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 502

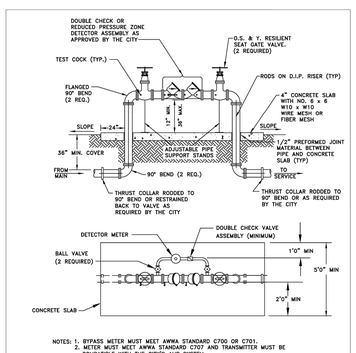


NOTE:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS, ASSEMBLY, AND THE INSTALLATION OF THE DEVICE.
2. SEE FIGURE 504C FOR PROCEDURES.
3. DDCV IS MINIMUM PROTECTION REQUIRED. A RPZ DEVICE MAY BE REQUIRED DEPENDING ON PROJECT. PROVIDE COPY OF LATEST CERTIFICATION TEST RESULTS.

TEMPORARY JUMPER CONNECTION

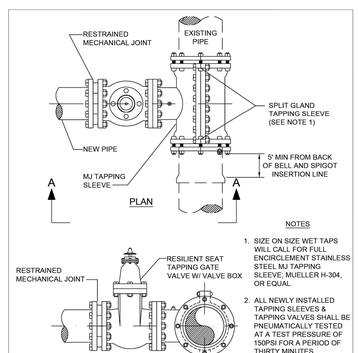
CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 504 A



NOTES: 1. BYPASS METER MUST MEET AWWA STANDARD C700 OR C701.
2. METER MUST MEET AWWA STANDARD C707 AND TRANSMITTER MUST BE COMPATIBLE WITH THE CITY'S AMR SYSTEM.
3. ALL PIPE FITTINGS, MATERIALS, LABOR, AND APPURTENANCES SHALL BE SUPPLIED BY THE CONTRACTOR.
4. ALL PIPE AND FITTINGS TWO (2) INCHES AND SMALLER SHALL BE THREADED SCHEDULE 40 GALVANIZED STEEL, OR BRASS.

ABOVE GROUND DEVICE WITH DETECTOR BY-PASS
2 INCH AND ABOVE ASSEMBLY

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 500 B

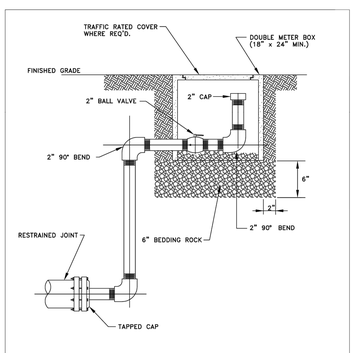


NOTES

1. SIZE ON SIZE WET TAPS WILL CALL FOR FULL ENCIRCLEMENT STAINLESS STEEL MJ TAPPING SLEEVE; MUELLER H-304, OR EQUAL.
2. ALL NEWLY INSTALLED TAPPING SLEEVES & TAPPING VALVES SHALL BE PNEUMATICALLY TESTED AT A TEST PRESSURE OF 150PSI FOR A PERIOD OF THIRTY MINUTES.

WATER AND RECLAIMED WATER MAINS WET TAP TIE-IN DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 406

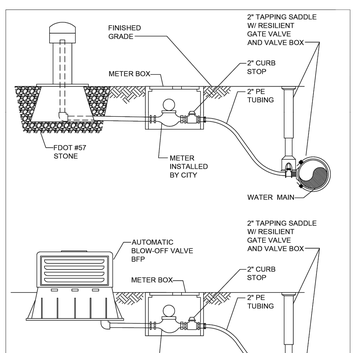


NOTES:

1. ALL 2 INCH PIPE AND FITTINGS SHALL BE SCHEDULE 40 GALVANIZED STEEL OR BRASS WITH THREADED (NPT) JOINTS. USE TEFLON TAPE ON JOINTS.
2. COLOR SHALL BE APPROPRIATE FOR USE.

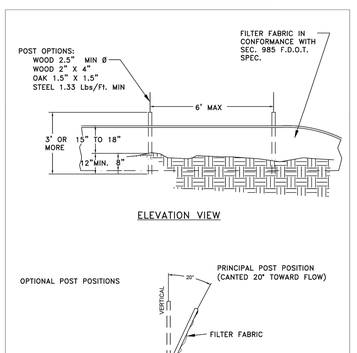
BLOWOFF VALVE DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 403



BLOW OFF VALVE DETAIL (AUTOMATIC)

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 403 A



SILT FENCE INSTALLATION

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 602

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

No.	REVISIONS	DATE	BY
3	APOPKA MDP PLANNING COMMENTS	01/08/2026	JLM
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG

Kimley»Horn
© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

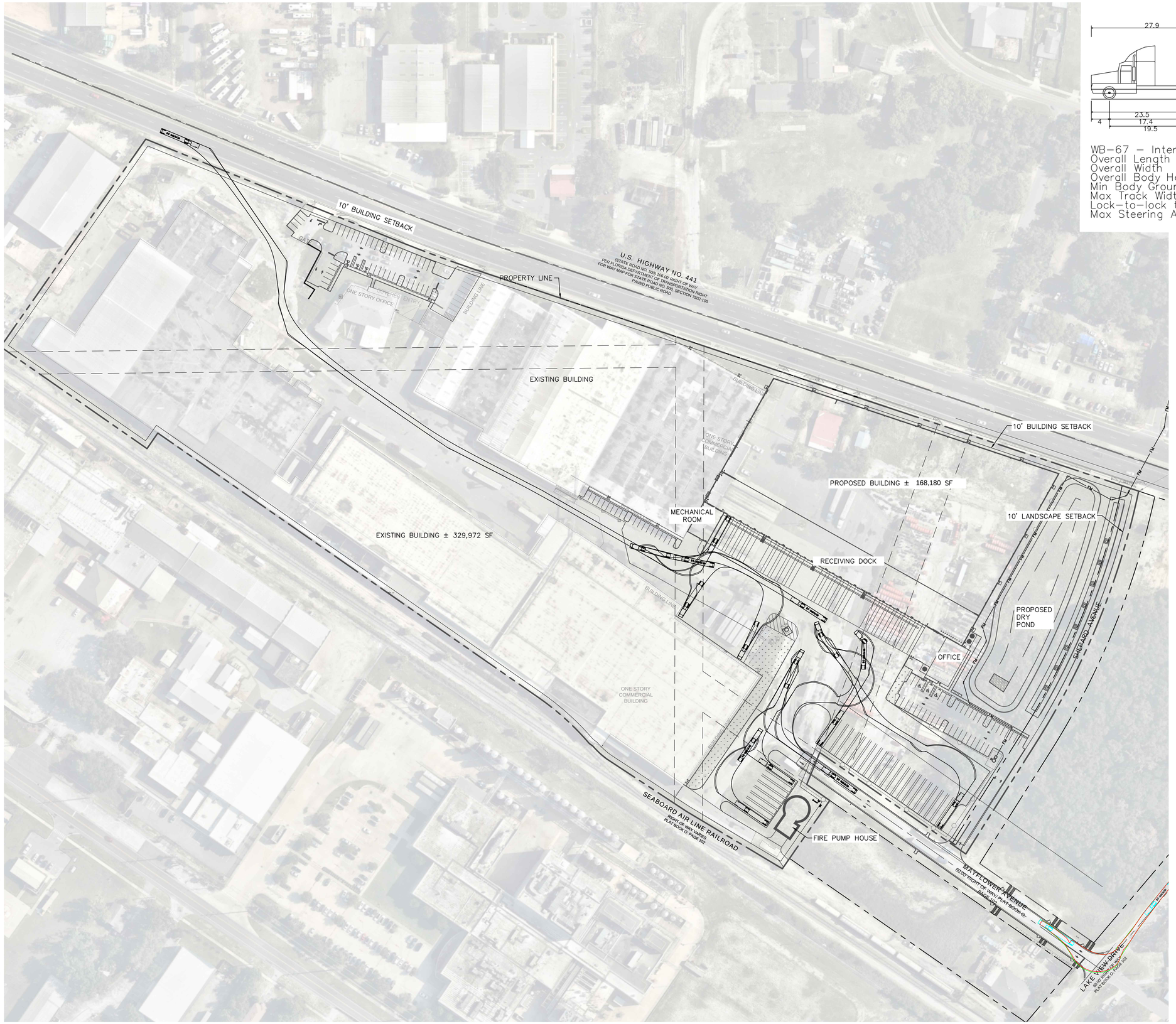
KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

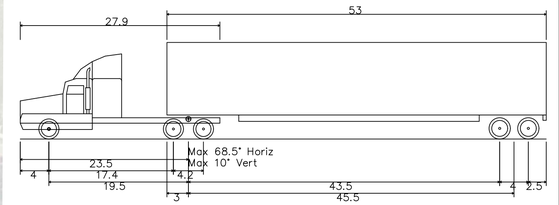
APOPKA COLD STORAGE
FLORIDA

CITY OF APOPKA DETAILS
APOPKA

SHEET NUMBER C8.8

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





WB–67 – Interstate Semi–Trailer

Overall Length	73.501ft
Overall Width	8.500ft
Overall Body Height	13.500ft
Min Body Ground Clearance	1.334ft
Max Track Width	8.500ft
Lock–to–lock time	6.00s
Max Steering Angle (Virtual)	28.40°

NORTH

GRAPHIC SCALE IN FEET
0 40 80 160
1" = 80'
WHEN PRINTED AT FULL SIZE
(24" X 36")

No.	REVISIONS	DATE	BY
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
3	APOPKA MDP PLANNING COMMENTS	01/08/2026	JLM

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

WB-67 TRUCK ROUTING

APOPKA COLD STORAGE

APOPKA FLORIDA

SHEET NUMBER
C9.0

Pumper Fire Truck	
Overall Length	40.000ft
Overall Width	8.167ft
Overall Body Height	7.745ft
Min Body Ground Clearance	0.656ft
Track Width	8.167ft
Lock-to-lock time	5.00s
Max Wheel Angle	45.00°

NORTH

GRAPHIC SCALE IN FEET
0 40 80 160
1" = 80'
WHEN PRINTED AT FULL SIZE
(24" X 36")

No.	REVISIONS	DATE	BY
3	APOPKA MDP PLANNING COMMENTS	01/09/2026	JLM
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 800, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

FIRE TRUCK ROUTING

APOPKA COLD STORAGE

FLORIDA

APOPKA

SHEET NUMBER
C9.0

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

10' BUILDING SETBACK

U.S. HIGHWAY NO. 441
(STATE ROAD NO. 500) 106.00' RIGHT-OF-WAY
PER FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT
FOR WAY MAP FOR STATE ROAD NO. 500, SECTION 7502-105
PAVED PUBLIC ROAD

PROPERTY LINE

EXISTING BUILDING

EXISTING BUILDING ± 329,972 SF

ONE STORY OFFICE

BUILDING LINE

ONE STORY COMMERCIAL BUILDING

PROPOSED BUILDING ± 168,180 SF

MECHANICAL ROOM

RECEIVING DOCK

10' LANDSCAPE SETBACK

PROPOSED DRY POND

OFFICE

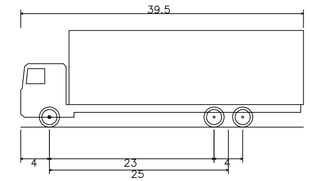
SHEPARD AVENUE

FIRE PUMP HOUSE

SEABOARD AIR LINE RAILROAD
RIGHT-OF-WAY VARIES
PLAT BOOK O, PAGE 102

MAYFLOWER AVENUE
60.00' RIGHT-OF-WAY PLAT BOOK G,
PAGE 102

LAKE VIEW DRIVE
50.00' RIGHT-OF-WAY
PLAT BOOK O, PAGE 102



SU-40 – Single Unit Truck	
Overall Length	39.500ft
Overall Width	8.000ft
Overall Body Height	13.500ft
Min Body Ground Clearance	1.367ft
Track Width	8.000ft
Lock-to-lock time	5.00s
Max Steering Angle (Virtual)	31.80°

NORTH

GRAPHIC SCALE IN FEET
0 40 80 160
1" = 80'
WHEN PRINTED AT FULL SIZE
(24" X 36")

No.	REVISIONS	DATE	BY
3	APOPKA MDP PLANNING COMMENTS	01/08/2026	JLM
2	SJRWMD COMMENTS DATED 20251/1/05	12/02/2025	ARP
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

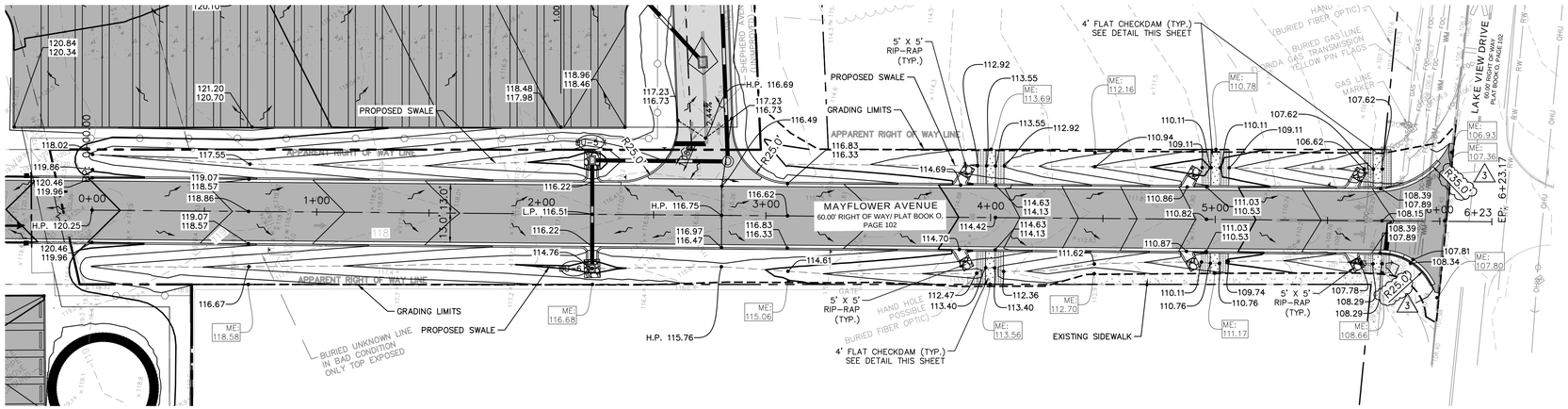
KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

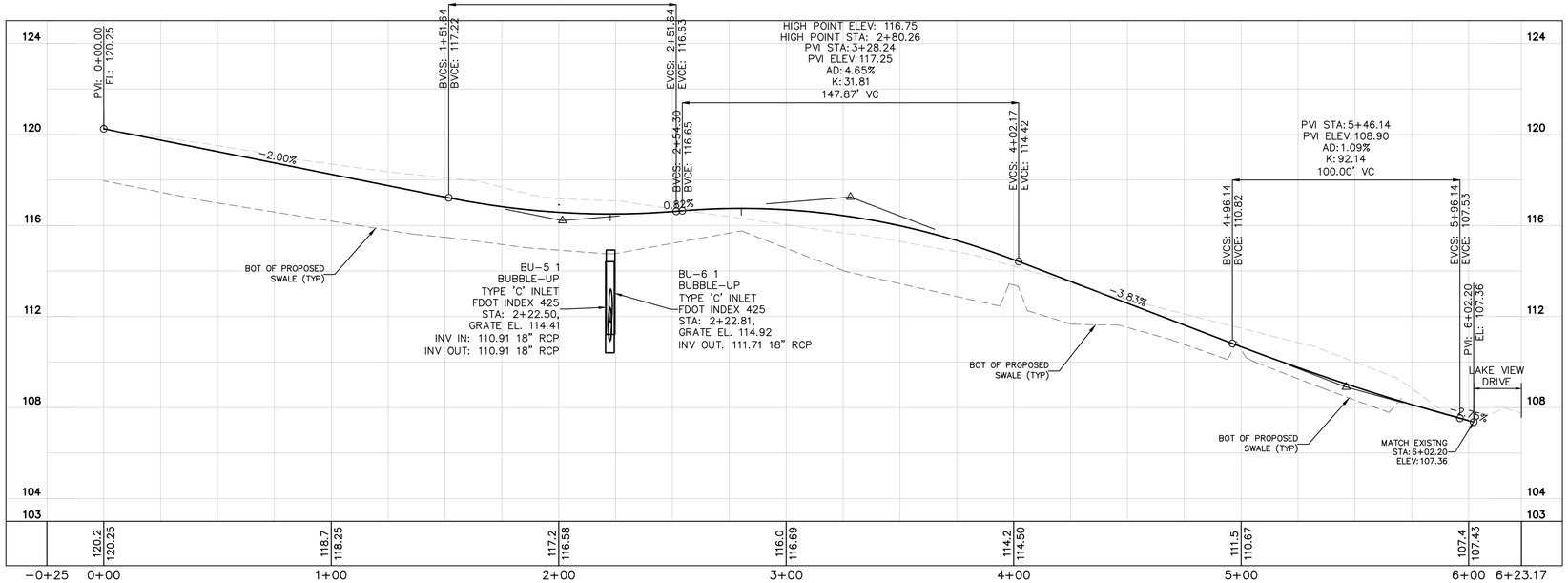
GARBAGE TRUCK ROUTING

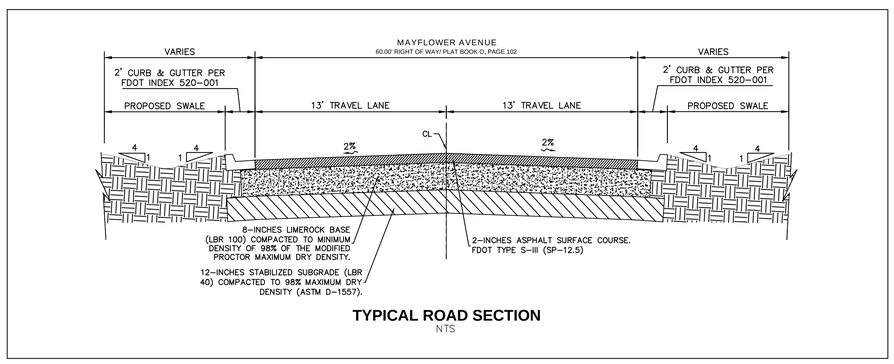
APOPKA COLD STORAGE

APOPKA FLORIDA

SHEET NUMBER
C9.0







TYPICAL ROAD SECTION
NTS

NORTH

GRAPHIC SCALE IN FEET
0 15 30 60
1" = 30'
WHEN PRINTED AT FULL SIZE (24" X 36")

LEGEND

- PROPERTY BOUNDARY
- ROAD DEDICATION
- BUILDING SETBACK
- LANDSCAPE BUFFER
- EXISTING CONTOURS
- 21.60 EXISTING SPOT ELEVATION
- 21.60 PROPOSED SPOT ELEVATION
- PROPOSED STORM PIPE
- ST EXISTING STORM PIPE
- PROPOSED STORM STRUCTURES
- PROPOSED GRATE INLETS
- PROPOSED STANDARD DUTY ASPHALT, REFER TO DETAIL 1, SHEET C8.0
- PROPOSED HEAVY DUTY ASPHALT PAVEMENT. REFER TO DETAIL 1, SHEET C8.0
- STANDARD CONCRETE SIDEWALK SECTION. REFER TO DETAIL 1, SHEET C8.0
- PROPOSED HEAVY DUTY CONCRETE PAVEMENT REFER TO DETAIL 1, SHEET C8.0
- LANDSCAPE/SOD AREA
- PROPOSED DIRECTION OF STORMWATER RUNOFF

GRAPHIC SCALE IN FEET
0 15 30 60
HORIZONTAL

0 1.5 3 6
VERTICAL

Always call 811 two full business days before you dig to have underground utilities located and marked.
Sunshine811.com

No.	REVISIONS	DATE	BY
1	CITY COMMENTS DATED 2025/11/04	12/02/2025	AG
2	SJRWMD COMMENTS DATED 2025/11/05	12/02/2025	ARP
3	APOPKA MDP PLANNING COMMENTS	01/08/2026	JLM

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL
PHONE: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 049607003
DATE 4/23/26
SCALE AS SHOWN
DESIGNED BY DVS
DRAWN BY JAM
CHECKED BY JME

MAYFLOWER AVENUE IMPROVEMENTS

APOPKA COLD STORAGE

FLORIDA

APOPKA

SHEET NUMBER C10.0

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:16:59-04'00'
Brian S Ashby

CONSTRUCTION SITE PLAN

FOR

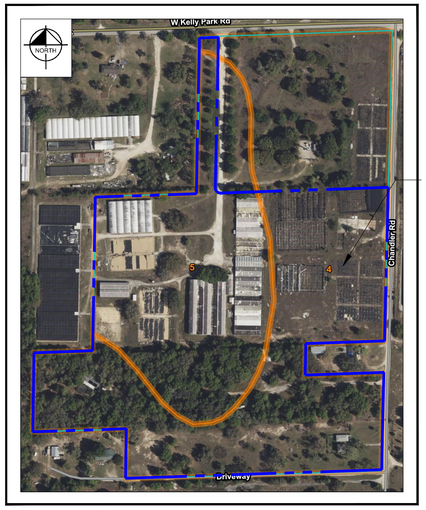
CHANDLER ROW

PARCEL I.D. #'s:

18-20-28-0000-00-027

CITY OF APOPKA, FL

APRIL 03, 2026



4 CANDLER FINE SAND, 0 TO 5 PERCENT SLOPES
5 CANDLER FINE SAND, 5 TO 12 PERCENT SLOPES

SOILS MAP

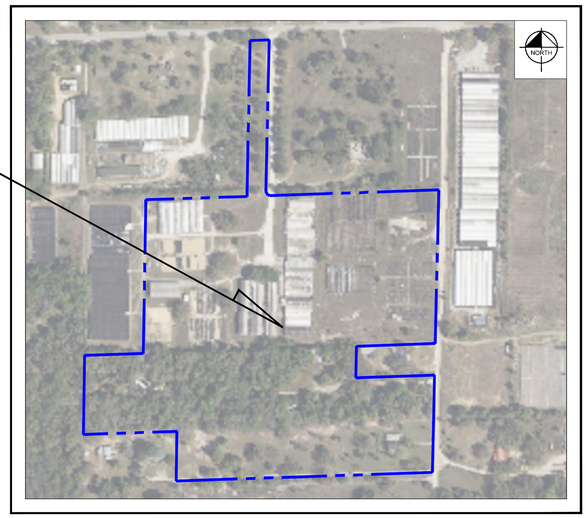
1" = 300'



VICINITY MAP

1" = 1500'

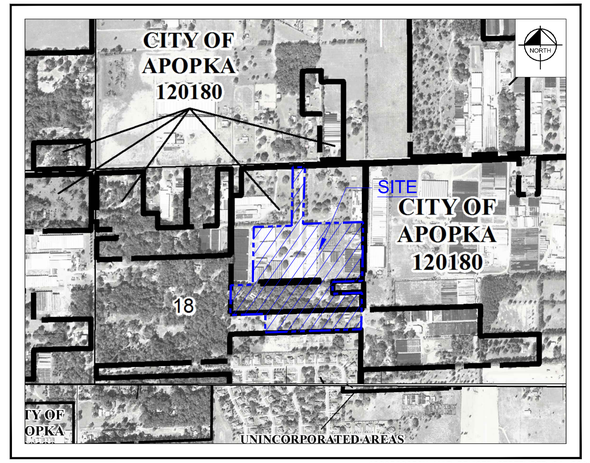
PROJECT AREA



SECTION 13, TOWNSHIP 20S, RANGE 27E

AERIAL MAP

1" = 300'



12095C0050H MAP REVISED SEPTEMBER 24, 2021
12095C0110H MAP REVISED SEPTEMBER 24, 2021
12095C0125H MAP REVISED SEPTEMBER 24, 2021

FEMA MAP

1" = 800'

LEGAL DESCRIPTION: (as provided by the client)

PARCEL 1:

BEGIN AT THE NORTH QUARTER CORNER OF SECTION 18, TOWNSHIP 20 SOUTH, RANGE 28 EAST, RUN S01°10'19"1329.10 FEET TO THE SOUTHEAST CORNER OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER; THENCE S87°54'10"W, 484.85 FEET; THENCE N00°39'10"E, 663.87 FEET; THENCE N87°51'36"E, 293.90 FEET; THENCE N01°10'19"E, 664.39 FEET; THENCE N87°49'30"E, 197.00 FEET TO THE POINT OF BEGINNING. ALL OF SAID LANDS LYING AND BEING IN ORANGE COUNTY, FLORIDA. LESS AND EXCEPT RIGHT-OF-WAY FOR KELLY PARK ROAD.

PARCEL 2:

BEGIN 328.77 FEET EAST OF THE SOUTHWEST CORNER OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 18, TOWNSHIP 20 SOUTH, RANGE 28 EAST, ORANGE COUNTY, FLORIDA; RUN NORTH 20 FEET; RUN EAST 657.29 FEET; RUN SOUTH 20 FEET; RUN WEST TO THE POINT OF BEGINNING.
(NOTE: PARCEL 2 IS INCLUDED WITHIN THE PARCEL 3 DESCRIPTION)

PARCEL 3:

A PORTION OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 18, TOWNSHIP 20 SOUTH, RANGE 28 EAST, ORANGE COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHWEST CORNER OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 18; THENCE RUN NORTH 87°54'10" EAST, ALONG THE SOUTH LINE OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 SAID SECTION 18, 249.69 FEET, TO THE POINT OF BEGINNING. THENCE DEPARTING SAID SOUTH LINE, RUN NORTH 00°42'46" EAST, 643.32 FEET; THENCE RUN NORTH 87°51'36" EAST, 423.85 FEET; THENCE RUN NORTH 00°57'29" EAST, 653.80 FEET TO A POINT ON THE SOUTH RIGHT-OF-WAY LINE OF WEST KELLY PARK ROAD; THENCE RUN NORTH 87°49'05" EAST, ALONG THE SOUTH RIGHT-OF-WAY LINE SAID WEST KELLY PARK ROAD, 609.34 FEET; THENCE DEPARTING SAID SOUTH RIGHT-OF-WAY LINE, RUN SOUTH 01°10'18" WEST, 634.35 FEET; THENCE RUN SOUTH 87°51'36" WEST, 292.33 FEET; THENCE RUN SOUTH 00°39'10" WEST, 663.87 FEET, TO A POINT ON THE SOUTH LINE OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 18; THENCE RUN SOUTH 87°54'10" WEST, ALONG THE SOUTH LINE OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 18, 739.23 FEET TO THE POINT OF BEGINNING.

PARCEL 4:

THE NORTH 1/4 OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 18, TOWNSHIP 20 SOUTH, RANGE EAST, ORANGE COUNTY, FLORIDA, LESS THE NORTH 132 FEET OF THE EAST 330 FEET OF THE NORTH 1/4 OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 18, TOWNSHIP 20 SOUTH, RANGE 28 EAST, ORANGE COUNTY, FLORIDA.

ALSO LESS:

COMMENCE AT THE NORTHEAST CORNER OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 18, TOWNSHIP 20 SOUTH, RANGE 28 EAST, ORANGE COUNTY, FLORIDA; THENCE SOUTH 86°43'53" WEST, 916.44 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE SOUTH 86°43'53" WEST, 553.83 FEET; THENCE SOUTH 00°32'44" EAST, 331.96 FEET; THENCE NORTH 86°45'16" EAST, 1466.89 FEET TO THE EAST LINE OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 18; THENCE NORTH 00°01'38" WEST, 15.02 FEET ALONG THE EAST LINE OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 18; THENCE SOUTH 86°45'16" WEST, 697.84 FEET; THENCE NORTH 00°35'58" WEST, 90.75 FEET; THENCE SOUTH 89°24'02" WEST, 215.18 FEET; THENCE NORTH 00°35'58" WEST, 216.47 FEET TO THE POINT OF BEGINNING.

PARCEL 5:

COMMENCE AT THE NORTHEAST CORNER OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 18, TOWNSHIP 20 SOUTH, RANGE 28 EAST, ORANGE COUNTY, FLORIDA; THENCE SOUTH 86°43'53" WEST, 916.44 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE SOUTH 86°43'53" WEST, 553.83 FEET; THENCE SOUTH 00°32'44" EAST, 331.96 FEET; THENCE NORTH 86°45'16" EAST, 1466.89 FEET TO THE EAST LINE OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 18; THENCE NORTH 00°01'38" WEST, 15.02 FEET ALONG THE EAST LINE OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 18; THENCE SOUTH 86°45'16" WEST, 697.84 FEET; THENCE NORTH 00°35'58" WEST, 90.75 FEET; THENCE SOUTH 89°24'02" WEST, 215.18 FEET; THENCE NORTH 00°35'58" WEST, 216.47 FEET TO THE POINT OF BEGINNING.

PARCEL 6:

THE NORTH 7 1/2 ACRES OF THE NORTH 15 ACRES OF THE SOUTH 3/4 OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 18, TOWNSHIP 20 SOUTH, RANGE 28 EAST, ORANGE COUNTY, FLORIDA.

LESS:

THE WEST 391.84 FEET OF THE NORTH 7 1/2 ACRES OF THE NORTH 15 ACRES OF THE SOUTH 3/4 OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 18, TOWNSHIP 20 SOUTH, RANGE 28 EAST, ORANGE COUNTY, FLORIDA.

ALSO LESS THE SOUTH 15 FEET, LESS THE WEST 391.84 FEET OF THE NORTH 7 1/2 ACRES OF THE NORTH 15 ACRES OF THE SOUTH 3/4 OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 18, TOWNSHIP 20 SOUTH, RANGE 28 EAST, ORANGE COUNTY, FLORIDA.

PROJECT TEAM

DEVELOPER/APPLICANT:

INB HOMES
3670 MAGUIRE BLVD., SUITE 220
ORLANDO, FL 32803
CONTACT: JONATHAN BELL
PHONE: (804) 240-9548
EMAIL: J.BELL@INBHOMES.COM

CIVIL ENGINEER:

KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE., SUITE 350
ORLANDO, FL 32827
CONTACT: BRIAN S. ASHBY, P.E.
PHONE: (407) 602-0423
EMAIL: BRIAN.ASHBY@KIMLEY-HORN.COM

SURVEYOR:

ALLEN & COMPANY, INC.
16 EAST PLANT STREET
WINTER GARDEN, FL 34787
CONTACT: JAMES RICKMAN, P.S.M.
PHONE: (407) 654-5355
EMAIL: JIM@ALLEN-COMPANY.COM

LANDSCAPE ARCHITECT:

KIMLEY-HORN AND ASSOCIATES, INC.
200 S. ORANGE AVE., SUITE 600
ORLANDO, FL 32801
CONTACT: MATTHEW FRANKO , P.L.A.
PHONE: (407) 898-1511
EMAIL: MATT.FRANKO@KIMLEY-HORN.COM

ENVIRONMENTAL:

BIO-TECH CONSULTING INC
3025 EAST SOUTH STREET
ORLANDO, FL 32803
PHONE: (407) 894-5969

GEOTECH

UES PROFESSIONAL SERVICES, LLC
3532 MAGGIE BOULEVARD
ORLANDO, FL 32811
CONTACT: ERFAN MOBAREZI, M.S.
PHONE: (321) 384-6642
EMAIL: EMOBAREZI@TEAMUES.COM

PROPERTY OWNERS

CHANDLER OAKS APOPKA, LLC:
PARCEL IDs: 18-20-28-0000-00-027
3670 MAGUIRE BLVD 220
ORLANDO, FL 32803

KELLY PARK ROAD PROPERTY LLC:
A PORTION OF PARCEL IDs #18-20-28-0000-00-138
A PORTION OF PARCEL IDs #18-20-28-0000-00-001
9259 POINT CYPRESS DRIVE
ORLANDO, FL 32836

UTILITY PROVIDERS

WATER AND SEWER:

CITY OF APOPKA
COMMUNITY DEVELOPMENT DEPARTMENT
120 E. MAIN STREET, 2ND FLOOR
APOPKA, FLORIDA 32703
PHONE: (407) 703-1712

POWER:

DUKE ENERGY
3250 BONNETT CREEK ROAD
PO BOX 10000
LAKE BUENA VISTA, FLORIDA 32830
PHONE: (407) 938-661

PREPARED BY

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 Marwick Ln., Suite 350, Orlando, FL 32827
Phone: (407) 602-0423
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

STATE OF FLORIDA SEAL

BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 80456

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HERE.

SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NAME: BRIAN S. ASHBY
LICENSE/REGISTRATION #: FL PE 80456

CHANDLER ROW
04/03/2026
ENGINEER'S PROJECT No. 249490000

REVISIONS:

No.	DESCRIPTION	DATE	BY
1	RESUBMITTAL #1	04/06/26	BSW

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C0.0 COVER SHEET.dwg MDP0.0 COVER SHEET Apr 21, 2026 2:09pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates,

Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:16:56-04'00'

Sheet List Table

Sheet Number	Sheet Title
C0.0	COVER SHEET
C0.1	SHEET INDEX
C1.0	GENERAL NOTES
C1.1	GENERAL NOTES
C2.0	STORMWATER POLLUTION PREVENTION PLAN
C2.1	EROSION CONTROL DETAILS
C3.0	OVERALL EXISTING CONDITIONS AND DEMOLITION PLAN
C3.1	EXISTING CONDITIONS AND DEMOLITION PLAN
C3.2	EXISTING CONDITIONS AND DEMOLITION PLAN
C3.3	EXISTING CONDITIONS AND DEMOLITION PLAN
C3.4	EXISTING CONDITIONS AND DEMOLITION PLAN
C3.5	EXISTING CONDITIONS AND DEMOLITION PLAN
C4.0	OVERALL SITE PLAN
C4.1	SITE PLAN
C4.2	SITE PLAN
C4.3	SITE PLAN
C4.4	SITE PLAN
C4.5	SITE PLAN
C4.6	FIRE TRUCK ROUTING ANALYSIS
C4.7	WEST KELLY PARK OFFSITE IMPROVEMENTS
C5.0	OVERALL PAVING, GRADING & DRAINAGE PLAN
C5.1	PAVING, GRADING & DRAINAGE PLAN
C5.2	PAVING, GRADING & DRAINAGE PLAN
C5.3	PAVING, GRADING & DRAINAGE PLAN
C5.4	PAVING, GRADING & DRAINAGE PLAN
C5.5	PAVING, GRADING & DRAINAGE PLAN
C5.6	TYPICAL SECTIONS
C5.7	SECTIONS
C5.8	POND DETAILS
C6.0	OVERALL UTILITY PLAN
C6.1	UTILITY PLAN
C6.2	UTILITY PLAN
C6.3	UTILITY PLAN
C6.4	UTILITY PLAN
C6.5	UTILITY PLAN
C7.1	BLVD A PLAN & PROFILE
C7.2	BLVD A PLAN & PROFILE
C7.3	BLVD A PLAN & PROFILE
C7.4	BLVD A PLAN & PROFILE
C7.5	ALLEY ABC PLAN & PROFILE
C7.6	ALLEY ABC PLAN & PROFILE
C7.7	ALLEY ABC PLAN & PROFILE
C7.8	ALLEY ABC PLAN & PROFILE
C7.9	ROAD A PLAN & PROFILE
C7.10	ROAD A PLAN & PROFILE
C7.11	ALLEY F PLAN & PROFILE
C7.12	ROAD C PLAN & PROFILE
C7.13	ROAD D PLAN & PROFILE
C7.14	ALLEY G PLAN & PROFILE
C7.15	ALLEY G PLAN & PROFILE
C7.16	ALLEY D PLAN & PROFILE
C7.17	ALLEY D PLAN & PROFILE
C7.18	ROAD B PLAN & PROFILE
C7.19	ROAD B PLAN & PROFILE
C7.20	ALLEY E PLAN & PROFILE
C7.21	ALLEY H PLAN & PROFILE
C7.22	ALLEY I PLAN & PROFILE
C7.23	ALLEY I PLAN & PROFILE
C7.24	ROAD E PLAN & PROFILE
C7.25	ROAD E PLAN & PROFILE
C7.26	ALLEY J PLAN & PROFILE
C7.27	ALLEY J PLAN & PROFILE
C8.0	LIFT STATION DETAILS
C9.0	GENERAL CONSTRUCTION DETAILS
C9.1	GENERAL CONSTRUCTION DETAILS
C10.0	CITY OF APOPKA DETAILS
C10.1	CITY OF APOPKA DETAILS
C10.2	CITY OF APOPKA DETAILS
C10.3	CITY OF APOPKA DETAILS
C10.4	CITY OF APOPKA DETAILS
C10.5	CITY OF APOPKA DETAILS
L0.50	OVERALL TREE MITIGATION PLAN
L0.51	TREE MITIGATION PLAN
L0.52	TREE MITIGATION PLAN
L0.53	TREE MITIGATION PLAN
L0.54	TREE MITIGATION PLAN
L0.55	TREE MITIGATION PLAN
L0.56	TREE MITIGATION PLAN
L0.57	TREE MITIGATION PLAN
L0.58	TREE CANOPY CALCULATIONS
L0.59	TREE DATA
L0.60	TREE DATA
L0.61	TREE MITIGATION SPECIFICATIONS
L1.00	OVERALL LANDSCAPE PLAN
L1.01	LANDSCAPE PLAN
L1.02	LANDSCAPE PLAN
L1.03	LANDSCAPE PLAN
L1.04	LANDSCAPE PLAN
L1.05	LANDSCAPE PLAN
L1.06	LANDSCAPE PLAN
L1.07	LANDSCAPE PLAN
L1.50	LANDSCAPE DETAILS
L1.51	LANDSCAPE SPECIFICATIONS
L2.00	OVERALL IRRIGATION PLAN
L2.01	IRRIGATION PLAN
L2.02	IRRIGATION PLAN
L2.03	IRRIGATION PLAN
L2.04	IRRIGATION PLAN
L2.05	IRRIGATION PLAN
L2.06	IRRIGATION PLAN
L2.07	IRRIGATION PLAN
L2.50	IRRIGATION DETAILS
L2.51	IRRIGATION SPECIFICATIONS
L4.00	OVERALL LIGHTING PLAN
L4.01	LIGHTING PLAN
L4.02	LIGHTING PLAN
L4.03	LIGHTING PLAN
L4.04	LIGHTING PLAN
L4.05	LIGHTING PLAN
L4.06	LIGHTING PLAN
L4.07	LIGHTING PLAN

Plotted By:Powers, Steven Sheet Set:Kelly Park - CSP Layout:C0.1 INDEX SHEET April 21, 2026 02:09:43pm K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C0.1 INDEX SHEET.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-602-0423
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREIN.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE/REGISTRATION #: P.E. #84496

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

SHEET INDEX

CHANDLER ROW
CITY OF APOPKA FLORIDA

SHEET NUMBER
C0.1

Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:00-04'00'

GENERAL

1. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THE EXISTING UTILITY INFORMATION SHOWN IS BASED ON THE TOPOGRAPHIC SURVEY PROVIDED BY ALLEN & COMPANY THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES, AFFECTING THIS AREA PRIOR TO CONSTRUCTION WORK.

2. PRIOR TO THE INITIATION OF SITE CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ANY EXISTING UTILITIES INCLUDING GAS, WATER, ELECTRIC, CABLE TV, COMMUNICATIONS, SANITARY SEWERS AND STORM DRAINAGE SYSTEMS, ON AND / OR ADJACENT TO THE SITE. REMOVE OR CAP AS NECESSARY.

3. THE CONTRACTOR SHALL EXERCISE CAUTION IN AREAS OF BURIED UTILITIES AND SHALL CALL "SUNSHINE" AT 1-800-432-4770 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION TO ARRANGE FOR FIELD LOCATIONS OF BURIED UTILITIES.

4. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND, THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED, BY THE CONTRACTOR OR SUB-CONTRACTORS, AS CALLED FOR IN THESE CONTRACT DOCUMENTS.

5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS SPECIFIED BY THE VARIOUS GOVERNMENTAL AGENCIES AND THE ENGINEER. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION, AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY INSTRUCTION/REQUIREMENTS.

6. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, ON ALL PRECAST AND MANUFACTURED ITEMS, TO THE OWNER'S ENGINEER FOR REVIEW. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.

7. ALL UTILITY SERVICE STUB-OUTS (WATER, SANITARY SEWER, etc.) ARE TO BE INSTALLED WITHIN 5' OF THE POINT ON CONNECTION TO THE BUILDING(S), UNLESS OTHERWISE NOTED ON PLANS.

8. CONTRACTOR TO COORDINATE WITH THE APPLICABLE ELECTRIC UTILITY SUPPLIER REGARDING ANY NECESSARY RELOCATION(S) OF UNDERGROUND AND/OR OVERHEAD ELECTRIC FACILITIES, AND FOR THE LOCATION AND INSTALLATION OF TRANSFORMER PAD(S) AND ASSOCIATED ELECTRIC FACILITIES.

9. SAFETY:
   A. DURING THE CONSTRUCTION AND/OR MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF THE TRAVELING PUBLIC AND THE SAFETY OF HIS/HER PERSONNEL.
   B. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
   C. THE MINIMUM STANDARDS AS SET FORTH IN THE CURRENT EDITION OF "THE STATE OF FLORIDA, MANUAL ON TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS" SHALL BE FOLLOWED IN THE DESIGN, APPLICATION, INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND CONSTRUCTION PERSONNEL FROM HAZARDS WITHIN THE PROJECT LIMITS.
   D. ALL TRAFFIC CONTROL MARKINGS AND DEVICES SHALL CONFORM TO THE PROVISIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES PREPARED BY THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION.
   E. ALL SUBSURFACE CONSTRUCTION SHALL COMPLY WITH THE "TRENCH SAFETY ACT". THE CONTRACTOR SHALL INSURE THAT THE METHOD OF TRENCH PROTECTION AND CONSTRUCTION IS IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
   F. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THE ABOVE INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY AND DOES NOT IMPLY THAT THE OWNER OR ENGINEER WILL INSPECT AND/OR ENFORCE SAFETY REGULATIONS.

10. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN AN R-O-W UTILIZATION PERMIT (IF REQUIRED) FOR CONSTRUCTION OF THE PROPOSED UTILITIES. THIS PERMIT MUST BE OBTAINED BY A DULY LICENSED PLUMBING CONTRACTOR (OR CLASS A GENERAL CONTRACTOR) PRIOR TO THE START OF CONSTRUCTION. THESE PLANS AND ANY SUBSEQUENT REVISIONS TO THESE PLANS, THAT ARE ISSUED BY THE ENGINEER, WILL BE SUBJECT TO THE APPROVAL CONDITIONS OF THIS PERMIT.

11. THE GRAPHIC INFORMATION DEPICTED ON THESE PLANS HAS BEEN COMPILED TO PROPORTION BY SCALE AS ACCURATELY AS POSSIBLE. HOWEVER, DUE TO REPRODUCTIVE DISTORTION, REDUCTION, AND/OR REVISIONS, INFORMATION CONTAINED HEREIN IS NOT INTENDED TO BE SCALED FOR CONSTRUCTION PURPOSES.

12. ALL SPECIFICATIONS AND DOCUMENTS REFERENCED HEREIN SHALL BE OF THE LATEST REVISION.

13. ALL UNDERGROUND UTILITIES MUST BE IN-PLACE, TESTED AND INSPECTED PRIOR TO BASE AND SURFACE CONSTRUCTION.

14. WORK PERFORMED UNDER THIS CONTRACT SHALL INTERFACE SMOOTHLY WITH ANY OTHER WORK BEING PERFORMED ON SITE BY OTHER CONTRACTORS/SUBCONTRACTORS AND UTILITY COMPANIES. IT WILL BE NECESSARY FOR THE GENERAL CONTRACTOR TO COORDINATE AND SCHEDULE HIS/HER ACTIVITIES ACCORDINGLY.

15. ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.

16. ALL SIGNAGE MUST COMPLY WITH CITY OF APOPKA STANDARDS.

17. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER.

18. FIRE LINE IS DESIGNED BY OTHERS AND IS SHOWN FOR COORDINATION PURPOSES ONLY. FIRE LINES SHALL BE INSTALLED BY A CONTRACTOR, DULY LICENSED BY THE STATE OF FLORIDA FIRE MARSHALL'S OFFICE. CONTRACTOR TO VERIFY REQUIREMENTS PRIOR TO CONSTRUCTION OF THE FIRE PROTECTION SYSTEM.

19. ALL CONCRETE SIDEWALKS SHALL BE CONSTRUCTED PER FDOT DESIGN INDEX (ED. 2025-26) #522-001.

20. SITEWORK SHALL COMPLY WITH LATEST FLORIDA BUILDING CODE, FLORIDA ACCESSIBILITY CODE, AND CITY OF APOPKA STANDARDS CODE.

21. ANY WELLS DISCOVERED ON SITE THAT WILL HAVE NO USE MUST BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN A MANNER APPROVED BY ALL JURISDICTIONAL AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY WELL ABANDONMENT PERMITS REQUIRED. ANY WELL DISCOVERED DURING EARTH MOVING OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES WITHIN 24 HOURS AFTER DISCOVERY IS MADE.

22. ALL DISTURBED AREAS SHALL BE SODDED WITH BAHIA UNLESS OTHERWISE NOTED.

23. CONTRACTOR TO PREPARE MAINTENANCE OF TRAFFIC PLANS FOR REVIEW AND APPROVAL BY CITY OF APOPKA PRIOR TO ANY CONSTRUCTION WITHIN ORANGE COUNTY RIGHT-OF-WAY.

STORM DRAINAGE SYSTEM

1. STANDARD INDICES REFER TO THE 2025-26 EDITION OF F.D.O.T. STANDARD PLANS.

2. ALL STORM SEWER PIPE SHALL BE FDOT APPROVED CLASS III RCP UNLESS OTHERWISE NOTED ON PLANS. ALL DRAINAGE STRUCTURES SHALL BE IN ACCORDANCE WITH F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS UNLESS OTHERWISE NOTED ON PLANS. FDOT CLASS III RCP WILL BE CONSIDERED AN ACCEPTABLE ALTERNATIVE WITH PRIOR APPROVAL FROM THE OWNER AND ENGINEER.

3. PIPE LENGTHS SHOWN ARE APPROXIMATE AND TO CENTER OF DRAINAGE STRUCTURES, WITH THE EXCEPTION OF MITERED END AND FLARED END SECTIONS, WHICH ARE NOT INCLUDED IN LENGTHS.

4. ALL DRAINAGE STRUCTURE GRATES AND COVERS, EITHER EXISTING OR PROPOSED SHALL BE TRAFFIC RATED FOR H-20 LOADINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY NECESSARY UPGRADES TO EXISTING DRAINAGE STRUCTURES.

5. CONSTRUCTION OF THE STORMWATER MANAGEMENT SYSTEM MUST BE COMPLETE AND ALL DISTURBED AREAS STABILIZED IN ACCORDANCE WITH THE PERMITTED PLANS AND CONDITIONS PRIOR TO ANY OF THE FOLLOWING: ISSUANCE OF THE FIRST CERTIFICATE OF OCCUPANCY; INITIATION OF INTENDED USE OF THE INFRASTRUCTURE; OR TRANSFER OF RESPONSIBILITY FOR MAINTENANCE OF THE SYSTEM TO A LOCAL GOVERNMENT OR OTHER RESPONSIBLE ENTITY.

6. THE CONTRACTOR SHALL INSTALL ALL UNDERGROUND STORM WATER PIPING PER JURISDICTION REGULATIONS (MANUFACTURER'S RECOMMENDATIONS SHALL BE UTILITIZED IF MORE STRINGENT).

7. STORM WATER PIPES, STRUCTURES, MINIMUM COVER AND INSTALLATION PROCEDURES TO BE IN ACCORDANCE WITH THE CITY OF APOPKA ENGINEERING DESIGN REQUIREMENTS AND SPECIFICATIONS.

8. ALL DRAINAGE PIPES SHALL BE FILTER FABRIC WRAPPED PER FDOT STANDARD DESIGN INDEX (ED. 2025-26) #430-001.

DRAINAGE SYSTEM TESTING AND INSPECTION

1. THE STORM DRAINAGE PIPING SYSTEM SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER PRIOR TO THE PLACEMENT OF BACKFILL. CONTRACTOR TO NOTIFY THE ENGINEER 2 FULL BUSINESS DAYS IN ADVANCE TO SCHEDULE INSPECTION.

2. THE CONTRACTOR SHALL MAINTAIN AND PROTECT FROM MUD, DIRT, DEBRIS, ETC. BOTH THE EXISTING AND PROPOSED STORM DRAINAGE SYSTEMS UNTIL FINAL ACCEPTANCE OF THE PROJECT. THE STORM SYSTEM WILL BE REINSPECTED BY THE OWNER'S ENGINEER PRIOR TO APPROVAL FOR CERTIFICATE OF OCCUPANCY PURPOSES. THE CONTRACTOR MAY BE REQUIRED TO RECLEAN PIPES AND INLETS AT THE CONTRACTORS EXPENSE AND PRIOR TO FINAL ACCEPTANCE.

PAVING, GRADING AND DRAINAGE

1. ALL DELETERIOUS SUBSURFACE MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS, ETC.) IS TO BE EXCAVATED AND REPLACED WITH SUITABLE/COMPACTED SOILS, AS DIRECTED BY THE GEOTECHNICAL ENGINEER OF RECORD OR THE OWNERS ENGINEERS. DELETERIOUS MATERIAL IS TO BE STOCKPILED OR REMOVED FROM THE SITE AS DIRECTED BY THE OWNER OR OWNER'S ENGINEER. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE PLANS AND PER THE GEOTECHNICAL REPORT. CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING DELETERIOUS MATERIAL FROM THE SITE.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND WILL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. DEWATERING METHODS SHALL BE USED AS REQUIRED TO KEEP TRENCHES DRY WHILE PIPE AND APPURTENANCES ARE BEING PLACED.

3. ALL NECESSARY FILL AND EMBANKMENT THAT IS PLACED DURING CONSTRUCTION SHALL CONSIST OF MATERIAL SPECIFIED BY THE OWNER'S SOILS TESTING COMPANY OR ENGINEER AND BE PLACED AND COMPACTED ACCORDING TO THESE PLANS.

4. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADES (INCLUDING SOD HEIGHT), UNLESS OTHERWISE NOTED.

5. IT MAY BE NECESSARY TO FIELD ADJUST PAVEMENT ELEVATIONS TO PRESERVE THE ROOT SYSTEMS OF TREES SHOWN TO BE SAVED. CONTRACTOR TO COORDINATE WITH OWNER'S ENGINEER PRIOR TO ANY ELEVATION CHANGES.

6. CONTRACTOR SHALL TRIM, TACK AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT.

7. CURBING SHALL BE PLACED AT THE EDGES OF ALL PAVEMENT, UNLESS OTHERWISE NOTED. REFER TO THE 2025-26 EDITION OF F.D.O.T. "ROADWAY AND TRAFFIC DESIGN STANDARDS" FOR DETAILS AND SPECIFICATIONS OF ALL F.D.O.T. TYPE CURB AND GUTTERS CALLED FOR IN THESE PLANS.

8. PRIOR TO CONSTRUCTING CONCRETE PAVEMENT, THE CONTRACTOR IS TO SUBMIT A PROPOSED JOINTING PATTERN TO THE SOILS ENGINEER FOR APPROVAL.

9. CONTRACTOR TO PROVIDE A 1/2" TO 1" BITUMINOUS EXPANSION JOINT MATERIAL WITH SEALER AT ABUTMENT OF CONCRETE AND OTHER MATERIALS (STRUCTURES, OTHER POURED)

10. ALL PAVEMENT MARKINGS SHALL BE MADE IN ACCORDANCE WITH F.D.O.T. STANDARD INDEX #711-001.

11. THE CONTRACTOR WILL STABILIZE BY SEED AND MULCH, SOD, OR OTHER APPROVED MATERIALS ANY DISTURBED AREAS WITHIN ONE WEEK FOLLOWING CONSTRUCTION OF THE UTILITY SYSTEMS AND PAVEMENT AREAS. CONTRACTOR SHALL MAINTAIN SUCH AREAS UNTIL FINAL ACCEPTANCE BY OWNER. CONTRACTOR TO COORDINATE WITH OWNER REGARDING TYPE OF MATERIAL, LANDSCAPING AND IRRIGATION REQUIREMENTS.

12. THE CONTRACTOR SHALL RESTORE OFF-SITE CONSTRUCTION AREAS TO EQUAL AND/OR BETTER CONDITION THAN EXISTING PRIOR TO START OF CONSTRUCTION.

13. UNLESS OTHERWISE NOTED, GRADE TO MEET EXISTING ELEVATION AT PROPERTY LINES.

14. SURVEY MONUMENTS OR BENCHMARKS, WHICH HAVE TO BE DISTURBED BY THIS WORK, SHALL BE REPLACED UPON COMPLETION OF WORK BY A REGISTERED LAND SURVEYOR AT CONTRACTORS EXPENSE.

15. FINAL GRADES SHOWN INCLUDE SOD HEIGHT. ALL AREAS SHALL BE GRADED TO DRAIN AWAY FROM THE BUILDINGS.

16. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH ALL LOCAL, STATE AND JURISDICTIONAL PERMITTING AGENCIES.

17. CONTRACTOR IS TO ADJUST ANY UTILITY ELEMENT MEANT TO BE FLUSH WITH GRADE (CLEAN-OUTS, MANHOLES, CATCH BASINS, INLETS, ETC.) THAT IS AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT.

18. ALL WORK SHALL COMPLY WITH GEOTECHNICAL REPORT BY UNIVERSAL ENGINEERING SERVICES, LLC. DATED FEBRUARY 04, 2022.

19. ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE FDEP NPDES GENERAL PERMIT.

PAVING/GRADING TESTING AND INSPECTION

1. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE TESTING WITH THE SOILS ENGINEER. TESTS WILL BE REQUIRED PURSUANT WITH THE SOILS REPORT. UPON COMPLETION OF WORK THE SOILS ENGINEER WILL SUBMIT CERTIFICATIONS TO THE OWNER AND OWNER'S ENGINEER STATING THAT ALL REQUIREMENTS HAVE BEEN MET.

2. A QUALIFIED TESTING LABORATORY SHALL PERFORM ALL TESTING NECESSARY TO ASSURE COMPLIANCE OF THE IN-PLACE MATERIALS AS REQUIRED BY THESE PLANS AND GEOTECHNICAL REPORT, THE VARIOUS AGENCIES AND PERMIT CONDITIONS. SHOULD ANY RETESTING BE REQUIRED DUE TO THE FAILURE OF ANY TESTS TO MEET THESE REQUIREMENTS, THE CONTRACTOR WILL BEAR ALL COSTS OF SAID RETESTING.

POTABLE WATER SYSTEM

1. ALL DIP PIPE SHALL BE CLASS 50 OR HIGHER. REFER TO NOTE #4 BELOW FOR ADDITIONAL DIP SPECIFICATIONS. ADEQUATE MEASURES AGAINST CORROSION SHALL BE UTILIZED.

2. ALL WATER MAIN PIPE FITTINGS AND APPURTENANCES SHALL BE INSTALLED TO COMPLY WITH CITY OF APOPKA STANDARDS AND SPECIFICATIONS.

3. ALL WATER SERVICE LINES, VALVES AND METERS SHALL BE INSTALLED TO COMPLY WITH APPLICABLE MUNICIPALITY/AGENCY DEPARTMENT STANDARDS AND SPECIFICATIONS.

4. ALL DUCTILE IRON PIPE, 4" TO 24", SHALL BE MANUFACTURED IN ACCORDANCE WITH THE LATEST EDITION OF AWWA C151/A21.51. PIPE SHALL BE FURNISHED IN 18 OR 20 FOOT SECTIONS, PIPE THICKNESS SHALL BE CLASS 50, UNLESS OTHERWISE SPECIFIED.

5. ALL WATER SYSTEM CONSTRUCTION, UP TO AND INCLUDING POINT OF METERING AND BACK FLOW PREVENTION (IF REQUIRED), SHALL BE BUILT ACCORDING TO CITY OF APOPKA UTILITIES STANDARDS AND SPECIFICATIONS.

6. CONTRACTOR TO INSTALL TEMPORARY BLOWOFFS, AT THE END(S) OF PROPOSED WATER MAINS AND SERVICE LATERALS TO BUILDING(S), TO ASSURE ADEQUATE FLUSHING AND DISINFECTION/CHLORINATION.

7. ALL WATER MAINS SHALL BE STERILIZED IN ACCORDANCE WITH THE APPLICABLE SECTION OF THE LATEST AWWA SPECIFICATION C651 AND CITY OF APOPKA WATER DEPARTMENT SPECIFICATIONS.

8. ALL PVC WATER MAIN, 4" TO 8" DIAMETER PIPING, SHALL CONFORM TO ASTM D2241 AND ASTM 1784. PIPE SHALL BE AWWA C-900 DR-18. JOINTS SHALL BE RUBBER GASKETED PUSH-ON CONFORMING TO ASTM D1869.

9. POTABLE WATER MAINS WILL BE PVC SDR 21 (200 PSI) FOR PIPES LESS THEN 4". SCHEDULE 40 AND SCHEDULE 80 PIPING MATERIAL ARE ALSO ACCEPTABLE FOR PIPES SIZES LESS THAN 4". THE ABOVE TYPE INSTALLATIONS MUST BEAR THE "NFS" STAMP FOR COMPATIBILITY WITH POTABLE WATER USE.

10. ALL POLYVINYL CHLORIDE PIPE SHALL BE LAID WITH AN INSULATED 12 GAUGE A.W.G. SOLID STRAND COPPER WIRE WOUND AROUND THE PIPE FORMING ONE COMPLETE SPIRAL PER JOINT OF PIPE. THIS WIRE IS TO BE CONTINUOUS WITH SPLICES MADE ONLY BY METHODS APPROVED BY THE ENGINEER. THIS WIRE IS TO BE SECURED TO ALL VALVES, TEES AND ELBOWS.

11. ALL POTABLE WATER WORK SHALL CONFORM WITH APPLICABLE CITY OF APOPKA UTILITIES DEPARTMENT STANDARDS AND SPECIFICATIONS.

12. ALL WATER MAINS CROSSING BENEATH PAVEMENT SHALL BE DUCTILE IRON.

POTABLE WATER TESTING AND INSPECTION

1. ALL COMPONENTS OF THE WATER SYSTEM, INCLUDING FITTINGS, HYDRANTS, CONNECTIONS, AND VALVES SHALL REMAIN UNCOVERED UNTIL PROPERLY PRESSURE TESTED AND ACCEPTED BY THE OWNER'S ENGINEER. PRESSURE TESTS TO BE IN ACCORDANCE WITH CITY OF APOPKA UTILITIES DEPARTMENT SPECIFICATIONS. CONTRACTOR TO NOTIFY THE OWNER'S ENGINEER AND APPLICABLE AGENCY INSPECTORS 2 FULL BUSINESS DAYS IN ADVANCE OF PERFORMING TESTS.

2. CONTRACTOR TO PERFORM CHLORINATION AND BACTERIOLOGICAL SAMPLING, AND OBTAIN CLEARANCE OF DOMESTIC AND FIRE LINE WATER SYSTEM(S). COPIES OF ALL BACTERIOLOGICAL TEST RESULTS ARE TO BE SUBMITTED TO THE OWNER'S ENGINEER FOR CERTIFICATION PURPOSES.

3. ALL WATER MAINS SHALL BE PRESSURE TESTED IN ACCORDANCE WITH AWWA MANUAL M23, CONCERNING HYDROSTATIC TESTING OF PVC PIPING. OFF-SITE UTILITIES HYDROSTATIC TESTING TO BE WITNESSED BY CITY OF APOPKA WATER DEPARTMENT INSPECTOR.

SANITARY SYSTEM

1. ALL PVC PIPE SHALL BE SOLID WALL POLYVINYL CHLORIDE PIPE AND COMPLY WITH ASTM D 3034 AND ALL APPLICABLE ASTM DOCUMENTS AS COVERED IN SECTION NO. 2 OF ASTM D 3034. MAIN LINES SHALL BE A MINIMUM OF 8" DIAMETER, AND LATERALS SHALL BE A MINIMUM 6" DIAMETER.

2. ALL GRAVITY SEWERS MUST BE SDR 26 PVC. ELASTOMERIC GASKET JOINTS SHALL BE UTILIZED FOR PVC PIPE, AND SHALL COMPLY WITH ASTM F477, ASTM D3034 & ASTM F679. JOINTS SHALL COMPLY WITH ASTM D3212.

3. ALL SLOPES FOR GRAVITY SEWER MAINS AND SERVICE CONNECTIONS SHALL COMPLY WITH THE FOLLOWING MINIMUM GRADES: 4" @ 2.00%; 6" @ 1.00% ; AND 8" @ 0.40%.

4. ALL SANITARY SEWER WORK SHALL CONFORM WITH APPLICABLE CITY OF APOPKA UTILITIES DEPARTMENT STANDARDS AND SPECIFICATIONS.

5. PRIOR TO COMMENCING WORK WHICH REQUIRES CONNECTING PROPOSED FACILITIES TO EXISTING LINES OR APPURTENANCES, THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION(S) OF EXISTING CONNECTION POINT(S) AND NOTIFY THE OWNER'S ENGINEER OF ANY CONFLICTS OR DISCREPANCIES.

6. SANITARY SEWER MAINS SHALL HAVE SUITABLE MAGNETIC LOCATOR TAPE(S) BURIED AT LEAST 18 INCHES ABOVE THE MAIN LINES.

7. ALL ON-SITE PVC FORCE MAINS (IF REQUIRED) SHALL BE CLASS 200, DR 14 FOR 4" DIAMETER, AND CLASS 150 DR 18 FOR 6" TO 12" DIAMETER PIPE, IN ACCORDANCE WITH AWWA C900 STANDARDS. PVC FORCE MAIN PIPE SMALLER THAN 4" DIAMETER SHALL BE CLASS 200, SDR 21, IN ACCORDANCE WITH ASTM D 2241. FORCE MAIN SHALL BE SPIRAL WRAPPED WITH 2 INCH WIDE DARK GREEN STICK-ON VINYL TAPE. FORCE MAINS WITHIN THE RIGHT-OF-WAY SHALL BE CLASS 52 DIP, MINIMUM 4" DIAMETER.

8. FORCE MAINS SHALL HAVE SUITABLE MAGNETIC LOCATOR TAPE(S) BURIED AT LEAST 18 INCHES ABOVE THE FORCE MAIN.

9. ALL ON-SITE PVC FORCE MAINS (IF REQUIRED) SHALL BE CLASS 200, DR 14 FOR 4" DIAMETER, AND CLASS 150 DR 18 FOR 6" TO 12" DIAMETER PIPE, IN ACCORDANCE WITH AWWA C900 STANDARDS. PVC FORCE MAIN PIPE SMALLER THAN 4" DIAMETER SHALL BE CLASS 200, SDR 21, IN ACCORDANCE WITH ASTM D 2241. FORCE MAIN SHALL BE SPIRAL WRAPPED WITH 2 INCH WIDE DARK GREEN STICK-ON VINYL TAPE. FORCE MAINS WITHIN THE RIGHT-OF-WAY SHALL BE CLASS 52 DIP, MINIMUM 4" DIAMETER.

10. LIFT STATION SHALL CONFORM WITH THE LATEST APPLICABLE SPECIFICATIONS AND STANDARDS.

SANITARY TESTING AND INSPECTION

1. ALL GRAVITY SEWER PIPING SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER AND APPLICABLE MUNICIPALITY/AGENCY. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 48 HOURS IN ADVANCE TO SCHEDULE INSPECTION(S). THE CONTRACTOR SHALL BE RESPONSIBLE FOR COSTS ASSOCIATED WITH A TELEVISED INSPECTION (TV) OF THE PROPOSED GRAVITY SEWER LINE CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE COPIES OF THE TV INSPECTION TAPE TO THE ENGINEER, THE OWNER AND THE APPLICABLE MUNICIPALITY/AGENCY.

2. THE CONTRACTOR SHALL PERFORM AN INFILTRATION/EXFILTRATON TEST ON ALL GRAVITY SEWERS IN ACCORDANCE WITH THE REGULATORY AGENCY HAVING JURISDICTION. SAID TESTS ARE TO BE CERTIFIED BY THE ENGINEER OF RECORD AND SUBMITTED TO THE REGULATORY AGENCY FOR APPROVAL. THE SCHEDULING, COORDINATION AND NOTIFICATION OF ALL PARTIES IS THE CONTRACTOR'S RESPONSIBILITY.

3. LEAKAGE TESTS ARE SPECIFIED REQUIRING THAT:
   A. THE LEAKAGE EXFILTRATION OR INFILTRATION DOES NOT EXCEED 200 GALLONS PER INCH OF PIPE DIAMETER PER MILE PER DAY FOR ANY SECTION OF THE SYSTEM.
   B. EXFILTRATION OR INFILTRATION TESTS BE PERFORMED WITH A MINIMUM POSITIVE HEAD OF 2 FEET
   C. AIR TESTS, AS A MINIMUM, CONFORM TO THE TEST PROCEDURE DESCRIBED IN ASTM C-828 FOR CLAY PIPE, ASTM C 924 FOR CONCRETE PIPE, ASTM F-1417 FOR PLASTIC PIPE, AND FOR OTHER MATERIALS APPROPRIATE TEST PROCEDURES.

4. CONTRACTOR TO PERFORM APPROPRIATE DEFLECTION TESTS FOR ALL FLEXIBLE PIPE. TESTING IS REQUIRED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS TO PERMIT STABILIZATION OF THE SOIL-PIPE SYSTEM. TESTING REQUIREMENTS SPECIFY:
   A. NO PIPE SHALL EXCEED A DEFLECTION OF 5%.
   B. USING A RIGID BALL OR MANDREL FOR THE DEFLECTION TEST WITH A DIAMETER NOT LESS THAN 95% OF THE BASE INSIDE DIAMETER OR AVERAGE INSIDE DIAMETER OF THE PIPE, DEPENDING ON WHICH IS SPECIFIED IN THE ASTM SPECIFICATION, INCLUDING THE APPENDIX, TO WHICH THE PIPE IS MANUFACTURED.
   C. PERFORMING THE TEST WITHOUT MECHANICAL PULLING DEVICES.

5. CONTRACTOR TO INSPECT & TEST MANHOLE FOR WATERTIGHTNESS OR DAMAGE PRIOR TO PLACING INTO SERVICE. AIR TESTING, IF SPECIFIED FOR CONCRETE SEWER MANHOLES, SHALL CONFORM TO THE TEST PROCEDURES DESCRIBED IN ASTM C-1244.

TREES AND VEGETATION

1. THE CONTRACTOR IS TO MINIMIZE THE REMOVAL OF VEGETATION TO THE GREATEST EXTENT PRACTICAL. NO TREES SHALL BE REMOVED OR DAMAGED WITHOUT OWNER'S APPROVAL. TREES IN CLOSE PROXIMITY TO CONSTRUCTION SHALL BE PROTECTED BY ORANGE FENCING.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPE BUFFERS AND RETENTION AND DETENTION FACILITIES UNTIL THE WORK HAS BEEN ACCEPTED BY THE OWNER. ALL DISTURBED AREAS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION.

AS BUILT

UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL FURNISH THE OWNER'S ENGINEER WITH COMPLETE "AS-BUILT" INFORMATION, CERTIFIED BY A REGISTERED LAND SURVEYOR. THIS "AS-BUILT" INFORMATION SHALL INCLUDE INVERT ELEVATIONS, LOCATIONS OF STRUCTURES FOR ALL UTILITIES INSTALLED, AS WELL AS GRADE BREAK LOCATIONS AND ELEVATIONS FOR PROPOSED CONSTRUCTION. NO ENGINEER'S CERTIFICATIONS FOR CERTIFICATE OF OCCUPANCY (C.O.) PURPOSES WILL BE MADE UNTIL THIS INFORMATION HAS BEEN RECEIVED AND ACCEPTED BY THE OWNER'S ENGINEER.

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-602-0423
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSED NO. 84496
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE/REGISTRATION #: P-EE 84496

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

GENERAL NOTES

CHANDLER ROW
CITY OF APOPKA FLORIDA

SHEET NUMBER
C1.0

Plotted By: Powers, Steven Sheet Set: Kelly Park - CSP Layout: C1.0 GENERAL NOTES April 21, 2026 02:09:56pm K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plotsheets - csp\C1.0 GENERAL NOTES.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:03-04'00'

DEMOLITION

1. CONTRACTOR SHALL SUBMIT DEMOLITION SCHEDULE TO OWNER PRIOR TO PROCEEDING WITH DEMOLITION ACTIVITIES.
2. EXTENT OF SITE CLEARING IS SHOWN ON DRAWINGS.
3. CONTRACTOR SHALL CONDUCT SITE DEMOLITION OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION.
4. CONTRACTOR SHALL PROVIDE PROTECTION NECESSARY TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS INDICATED ON PLAN "EXISTING TO REMAIN".
5. CONTRACTOR SHALL RESTORE DAMAGED IMPROVEMENTS TO THEIR ORIGINAL CONDITION, AS ACCEPTABLE TO PARTIES HAVING JURISDICTION.
6. CONTRACTOR SHALL REMOVE WASTE MATERIALS AND UNSUITABLE AND EXCESS TOPSOIL FROM PROPERTY AND DISPOSE OF OFF-SITE IN A LEGAL MANNER.
7. CONTRACTOR SHALL DEMOLISH AND COMPLETELY REMOVE FROM SITE MATERIAL INDICATED ON PLAN OR NOTES "TO BE REMOVED".
8. CONTRACTOR SHALL PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS CREATED BY THE DEMOLITION OPERATION.

DEWATERING NOTES

1. DURING THE EXCAVATION OF THE STORMWATER FACILITIES, AND IF GROUNDWATER IS ENCOUNTERED, THE CONTRACTOR SHALL CONSTRUCT A SEDIMENT BASIN TO PROVIDE A DISCHARGE POINT FOR DEWATERING. THE SEDIMENT BASIN CAN BE LOCATED IN THE PROPOSED EXCAVATION AREA OF A POND OR IT CAN BE A BERMED AREA ABOVE GROUND. ALL DEWATERING MUST BE HELD IN THE SEDIMENT AREA UNTIL THE WATER IS CLEAN SUCH THAT THERE WOULD BE NO TURBID DISCHARGE. AFTER THE WATER IN THE SEDIMENT BASIN IS CLEAN, THE WATER MAY BE RELEASED INTO THE ON-SITE POND PROVIDED THERE IS NO ADVERSE IMPACT TO THE EXISTING WATER QUALITY.
2. UNDER NO CIRCUMSTANCES WILL THE DISCHARGE FROM THE ON-SITE DEWATERING BE DIRECTLY DISCHARGED OFFSITE.
3. DURING THE EXCAVATION THE CONTRACTOR SHALL NOT PENETRATE THE EXISTING CLAY LAYER. IF THE CONTRACTOR ENCOUNTERS THE CLAY LAYER, HE/SHE IS TO PLACE A MINIMUM OF 2 FEET OF SANDY MATERIAL OVER THE CLAY AND TERMINATE THE DEPTH OF THE EXCAVATION.
4. IF CONTRACTOR ENCOUNTERS SILTY/CLAY SAND, WHICH CAUSE THE WATER TO BECOME TURBID, HE/SHE SHALL TREAT THE SEDIMENT BASIN WITH CHEMICAL ADDITIVE SUCH AS ALLUM IN ORDER TO PROMOTE THE COAGULATION OF THE PARTICLES WHICH ALLOW THEM TO SETTLE AND THE WATER TO BECOME LESS TURBID. IF TURBID WATER ENCOUNTERED DURING EXCAVATION OF THE PONDS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY TO DETERMINE THE COURSE OF ACTION THAT IS APPROPRIATE TO ELIMINATE THE TURBITY AND ALLOW DISCHARGE THAT MEET WATER QUALITY STANDARDS.
5. THE CONTRACTOR SHALL SEQUENCE THE EXCAVATION OF THE STORMWATER PONDS SUCH THAT A SEDIMENT BASIN WILL BE AVAILABLE AT ALL TIMES. THE SEDIMENT BASIN CAN BE RELOCATED AS NECESSARY SUBJECT TO THE WATER WITHIN THE SEDIMENT BASIN BEING NON-TURBID AND ACCEPTABLE FOR DISCHARGE OFF-SITE.

RIGHT-OF-WAY WORK

1. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
2. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES EXTEND INTO THE STABILIZED PORTION OF THE ROADBED AND EXTREME CAUTION WILL BE NECESSARY IN STABILIZATION OPERATIONS AT THESE LOCATIONS.
3. ALL DRAINAGE PIPES SHALL BE STEEL REINFORCED CONCRETE PIPE, CLASS III, UNLESS OTHERWISE NOTED.
4. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE ENGINEER SHOULD NOTIFY THE DISTRICT LOCATION SURVEYOR, WITHOUT DELAY, BY TELEPHONE.
5. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN ON PLANS.
6. THE CONTRACTOR SHALL REMOVE ANY ORGANIC AND PLASTIC MATERIAL ENCOUNTERED IN THE FIELD IN ACCORDANCE WITH FDOT DESIGN STANDARDS (ED. 2025-26) INDEX No. 500. COST OF REMOVAL OF ORGANIC AND PLASTIC MATERIAL AND BACKFILL OF SUITABLE MATERIAL IN ACCORDANCE WITH INDEX No. 505 SHALL BE INCLUDED IN THE COST OF REGULAR EXCAVATION.
7. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
8. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
9. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES, DURING STANDARD 'BUSINESS HOURS', A MINIMUM OF TWO WORKING DAYS PRIOR TO EXCAVATION AS REQUIRED BY CHAPTER 77-153 OF THE FLORIDA STATUES.
10. THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS BASED ON AVAILABLE RECORDS AND SURVEYS BUT IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR SHALL MAKE HIS OWN DETERMINATION AS TO THE TYPE AND LOCATIONS OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO AND PROTECT EXISTING UTILITY FACILITIES DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING UTILITY RELOCATION WITH UTILITY OWNERS.
11. ALL MAINTENANCE OF TRAFFIC ITEMS REQUIRED BY THE 102-600 SERIES INDICES (ED. 2025-26) SHALL BE FURNISHED, INSTALLED, AND MAINTAINED TO PROPERLY MAINTAIN TRAFFIC AND ADDRESS DROP OFF CRITERIA IN THE WORK ZONE.
12. ANY EXISTING OR PROPOSED SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS SHALL BE REMOVED OR COVERED BY THE CONTRACTOR PER INDEX 102-600 AND WHEN THE CONFLICT NO LONGER EXISTS THE SIGNS SHALL BE RESTORED TO THEIR ORIGINAL POSITION. COST SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC.
13. IF ONLY STANDARD FDOT INDICES (SUCH AS #'S. 102-612, 102-613) WILL BE USED, THEN THE CONTRACTOR WILL NOT BE REQUIRED TO PROVIDE SIGNED AND SEALED MAINTENANCE OF TRAFFIC PLANS. IF THE CONTRACTOR REQUIRES OTHER THAN THE STANDARD FDOT INDICES THEN THE CONTRACTOR WILL HAVE TO SUBMIT SIGNED AND SEALED PLANS TO FDOT FOR REVIEW AND APPROVAL.
14. MAINTENANCE OF TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH FDOT DESIGN STANDARDS (ED. 2025-26), THE STANDARDS SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION (ED. 2025-26), AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS A MINIMUM.
15. MAINTENANCE OF TRAFFIC TO BE SUPERVISED BY A PERSON CERTIFIED IN FDOT M.O.T.
16. ALL DISTURBED AREAS MUST BE SODDED ONLY WITH COMMON BERMUDA SOD.
17. ALL WORK PERFORMED WITHIN FDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH FDOT DESIGN STANDARDS (ED. 2025-26), STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (ED. 2025-26), AND THE UTILITY ACCOMMODATION MANUAL (ED. 2017).
18. IT WILL BE THE RESPONSIBILITY OF THE PERMITTEE TO REPAIR ANY DAMAGE TO FACILITIES CAUSED BY CONSTRUCTION OF THE PROJECT.
19. ALL SIDEWALK CLOSURES SHALL ABIDE TO THE STANDARD PROCEDURES PER FDOT DESIGN STANDARDS (ED. 2025-26), INDEX #102-660.

EARTHWORK / DEMUCKING PROCEDURES

1. A GEOTECHNICAL ENGINEERING INVESTIGATION REPORT HAS BEEN PREPARED FOR PURPOSES OF STORM WATER DESIGN, OF WHICH COPIES ARE AVAILABLE THROUGH THE OWNER OR THEIR SOIL TESTING COMPANY. A GEOTECHNICAL ENGINEER SHALL BE RETAINED BY THE CONTRACTOR TO PROVIDE ON-SITE INSPECTIONS DURING EXCAVATION/FILL OPERATIONS AND TESTING OF THE COMPACTED FILL SO THAT PROPER DOCUMENTATION OF THE REQUIRED COMPACTING CRITERIA CAN BE PROVIDED.
2. ALL EXISTING DEBRIS (ABOVE OR BELOW GROUND), CONSTRUCTION DEBRIS AND OTHER WASTE MATERIAL SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR, IN ACCORDANCE WITH APPLICABLE REGULATORY AGENCY REQUIREMENTS IN A LEGAL MANNER.
3. THE CONTRACTOR SHALL INSURE THAT PROPER SOIL DENSITIES ARE ACHIEVED FOR PLACEMENT OF ALL HEADWALL/ENDWALL FOOTINGS, RETAINING WALL FOOTINGS, AND IN GENERAL, ANY FOOTING SUPPORT DESCRIBED ON THESE PLANS. IT WILL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SUFFICIENT SOILS TESTING HAS BEEN PERFORMED PRIOR TO FINAL INSTALLATION OF IMPROVEMENTS.
4. ANY UNSUITABLE ORGANIC SOIL SHALL BE EXCAVATED TO A MINIMUM MARGIN OF 6 FEET BEYOND ITS PERIPHERY EXCAVATED TO EXPOSE THE UNDERLYING NON-ORGANIC FINE SAND.
5. IF DETERMINED NECESSARY, DEWATERING DURING EXCAVATING/BACKFILLING OPERATIONS MAY BE ACCOMPLISHED BY DITCHING AND THE USE OF SUMP PUMPS AND/OR OTHER METHODS (WELL POINTS), AS NECESSARY. CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS FOR DEWATERING ACTIVITIES THAT MAY BE REQUIRED.
6. UPON APPROVAL OF THE GEOTECHNICAL ENGINEER, THE EXCAVATED AREAS MAY BE BACKFILLED WITH CLEAN FINE SAND FREE OF UNSUITABLE OR DELETERIOUS MATERIAL. HOWEVER, THE FILL SHOULD NOT BE PLACED IN MORE THAN 6 INCHES OF STANDING WATER. ONCE THE FILL IS AT LEAST 2 FEET ABOVE THE DEWATERED LEVEL, BACKFILLING MAY PROCEED AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
7. CONTRACTOR TO FOLLOW THE GUIDANCE OF THE REFERENCED GEOTECHNICAL ENGINEERING INVESTIGATION REPORT OR INDICATE WHETHER ON-SITE GEOTECHNICAL ENGINEER SHALL DETERMINE DEPTH OF DEMUCKING AND/OR REMOVAL OF UNSUITABLE FILL.

PAVEMENT MARKING AND SIGNAGE

1. THE INSTALLATION, SHAPE, AND SIZE OF ALL SIGNS AND THEIR LETTERING SHALL COMPLY WITH THE LATEST EDITIONS OF THE U.S. DEPARTMENT OF TRANSPORTATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, ED. 2009" (MUTCD), AND THE F.D.O.T. "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ED. 2025-26", AND THE F.D.O.T. "DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE, AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM (LATEST EDITION)". WHERE CONFLICTS EXIST BETWEEN THE PLANS AND THE ABOVE MENTIONED SPECIFICATIONS, THE MORE STRINGENT CRITERIA SHALL PREVAIL.
2. STOP BARS AND STOP SIGNS ARE TO BE PROVIDED AT ALL INTERNAL, ONSITE INTERSECTIONS, WITH THE EXCEPTION OF SIGNALIZED INTERSECTIONS (UNLESS OTHERWISE NOTED).
3. ALL PAVEMENT MARKINGS SHALL COMPLY WITH THE 2025-26 F.D.O.T. STANDARD INDEX #711-001.

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-602-0421
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84456
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREIN.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE/REGISTRATION #: FL PE 84456

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

GENERAL NOTES

CHANDLER ROW
CITY OF APOPKA FLORIDA

SHEET NUMBER
C1.1

Plotted By:Powers, Steven Sheet Set:Kelly Park - CSP Layout:C1.1 GENERAL NOTES April 21, 2026 02:10:02pm K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\Worksheets - csp\C1.0 GENERAL NOTES.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:06-04'00'

STORMWATER POLLUTION PREVENTION PLAN

SITE DESCRIPTION

PROJECT NAME AND LOCATION

CHANDLER ROW
PARCEL NO.: 18-20-28-0000-00-027;
A PORTION OF 18-20-28-0000-00-138;
A PORTION OF 18-20-28-0000-00-001
APOPKA, FLORIDA

*SEE COVER SHEET FOR LOCATION MAP

DEVELOPER NAME AND ADDRESS

INB HOMES
3670 MAGUIRE BOULEVARD, SUITE 220
ORLANDO, FL 32803
CONTACT: JONATHAN BELL
PHONE: (804) 240-9548
E-MAIL: J.BELL@INBHOMES.COM

PROJECT DESCRIPTION

THE PROPOSED PROJECT WILL CONSIST OF DEVELOPING 34.96 ACRES INTO 240 SINGLE FAMILY DWELLING UNITS AND ASSOCIATED INFRASTRUCTURE.
PROJECT AREA: 34.96 ACRES
CONTRIBUTING DRAINAGE AREA: 34.96 ACRES
LONGITUDE: 81° 33' 05.9" W LATITUDE: 28° 45' 17.7" N

ULTIMATE RECEIVING WATERS: UNNAMED DEPRESSIONAL AREA
SPECIAL REGULATORY BASIN: WEKIVA RECHARGE BASIN, WEKIVA RIVER.

ACTIVITIES THAT REQUIRE EROSION CONTROL

SITE CLEARING AND GRUBBING; PROVIDING A STABILIZED CONSTRUCTION ENTRANCE, PERIMETER, AND OTHER EROSION AND SEDIMENT CONTROLS; EXCAVATION FOR THE RETENTION POND; SITE GRADING; INSTALLATION OF STORM WATER, SANITARY SEWER, AND WATER STRUCTURES; CURB, ROADWAYS, AND PARKING FACILITIES.

*SEE PLANS FOR THE LOCATION OF TEMPORARY SEDIMENT BARRIERS AND OTHER EROSION CONTROL METHODS.

SOIL PARAMETERS

SOIL TYPES:

SERIES NAME	HYDROLOGIC GROUP
CANDLER FINE SAND, 0 TO 5 PERCENT SLOPES	A
CANDLER FINE SAND, 5 TO 12 PERCENT SLOPES	A

SEQUENCE OF MAJOR ACTIVITIES

THE ORDER OF CONSTRUCTION IS AS FOLLOWS:

1. PROVIDE STABILIZED CONSTRUCTION ENTRANCE
2. INSTALL SILT FENCES AND OTHER EROSION CONTROL METHODS
3. CLEAR AND GRUB FOR SEDIMENT BASIN AND EARTH DIKE
4. CONSTRUCT EARTH DIKE AND SEDIMENT BASIN
5. FINISH CLEARING AND GRUBBING
6. REMOVE AND STORE TOPSOIL
7. PROVIDE INITIAL GRADING AS REQUIRED
8. STABILIZE ALL DISTURBED AREAS AS SOON AS POSSIBLE
9. INSTALL UTILITIES, STORM SEWER, CURB AND GUTTER
10. INSTALL BASE TO ROAD
11. FINISH GRADING ENTIRE SITE
12. CONSTRUCT FINAL PAVING
13. REMOVE ACCUMULATED SEDIMENT
14. REMOVE ANY ITEMS THAT ARE NOT REQUIRED

NOTE:
THE SEQUENCE OF CONSTRUCTION SHOWN ABOVE IS A GENERAL OVERVIEW AND IS INTENDED TO CONVEY THE GENERAL CONCEPTS OF THE EROSION CONTROL DESIGN AND SHOULD NOT BE RELIED UPON FOR CONSTRUCTION PURPOSES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETAILED PHASING AND CONSTRUCTION SEQUENCING NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS INCLUDED IN THESE PLANS. THE CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING IMMEDIATELY, PRIOR TO AND/OR DURING CONSTRUCTION IF ANY ADDITIONAL INFORMATION ON THE CONSTRUCTION SEQUENCE IS NECESSARY. CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLYING WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND ALL OTHER APPLICABLE LAWS

TIMING OF CONTROL MEASURES

THE INSTALLATION OF SILT FENCE (AND OTHER EROSION CONTROL MEASURES), A STABILIZED ENTRANCE AND SEDIMENT BASIN SHALL OCCUR PRIOR TO CLEARING AND GRUBBING ACTIVITY. AFTER CONSTRUCTION IS COMPLETE, THE ACCUMULATED SEDIMENT SHALL BE REMOVED AND THE AREAS SHALL BE REGRADED AND PERMANENTLY STABILIZED AS SHOWN ON THE PLANS.

EROSION AND SEDIMENT CONTROLS

BEST MANAGEMENT PRACTICES SHALL BE USED FOR THIS PROJECT TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUN-OFF. THE LOCATION AND DETAILS OF EROSION CONTROL METHODS ARE SHOWN ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR PLACING AND MAINTAINING THESE CONTROL METHODS AS SHOWN ON THE PLANS OR AS REQUIRED. HE/SHE SHALL ALSO PROVIDE THE REQUIRED EROSION PROTECTION AS REQUIRED BY LOCAL, STATE AND FEDERAL LAW.

STORM WATER MANAGEMENT

STORMWATER COLLECTION SHALL BE PROVIDED BY CURB INLETS. THE RUNOFF FROM THE SITE WILL DISCHARGE TO THE PROPOSED DRY RETENTION STORMWATER POND AND RECOVER FROM THE DESIGN STORM IN ACCORDANCE WITH SJRWMD SPECIFICATIONS AND THE CITY OF APOPKA LAND DEVELOPMENT CODE.

STABILIZATION PRACTICES:

TEMPORARY STABILIZATION - TOPSOIL STOCK PILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASE, SHALL BE STABILIZED WITH TEMPORARY SEED AND MULCH WITHIN 14 DAYS OF THE LAST CONSTRUCTION ACTIVITY IN THAT AREA. THE TEMPORARY SEED REQUIRED CAN BE FOUND IN TABLE 1.65 A OF THE FLORIDA DEVELOPMENT MANUAL. PRIOR TO SEEDING, WHERE SOILS ARE ACIDIC 2 TONS OF PULVERIZED AGRICULTURAL LIMESTONE SHOULD BE ADDED PER ACRE AND 450 POUNDS OF 10-20-20 FERTILIZER SHALL BE APPLIED TO EACH ACRE. AFTER SEEDING, EACH AREA SHALL BE IMMEDIATELY MULCHED WITH STRAW OR EQUIVALENT EQUAL. AREAS OF THE SITE WHICH ARE TO BE PAVED SHALL BE TEMPORARILY STABILIZED BY APPLYING GEOTEXTILE AND STONE SUB-BASE UNTIL BITUMINOUS PAVEMENT CAN BE APPLIED.

PERMANENT STABILIZATION - DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASE SHALL BE STABILIZED WITH PERMANENT SEED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY. THE APPROPRIATE PERMANENT SEED MIX CAN BE FOUND IN TABLES 1.66A, 1.66B AND 1.66C OF THE FLORIDA DEVELOPMENT MANUAL. PRIOR TO SEEDING, 2 TONS/ACRE OF FINELY GROUND AGRICULTURAL LIMESTONE AND THE PROPER FERTILIZER BASED ON THE TYPE OF SEEDING SHALL BE APPLIED TO EACH ACRE TO PROVIDE PLANT NUTRIENTS. AFTER SEEDING, EACH AREA SHALL BE MULCHED IMMEDIATELY.

STRUCTURAL PRACTICES:

EARTH DIKE - IF REQUIRED, AN EARTH DIKE SHALL BE CONSTRUCTED ALONG THE SITE PERIMETER. A PORTION OF THE DIKE SHALL DIVERT RUN-ON AROUND THE CONSTRUCTION SITE. THE REMAINING PORTION OF THE DIKE SHALL COLLECT RUNOFF FROM THE DISTURBED AREA AND DIRECT THE RUNOFF TO THE SEDIMENT BASIN.

SEDIMENT BASIN - A SEDIMENT BASIN SHALL BE CONSTRUCTED IN THE COMMON DRAINAGE AREA FOR THE SITE. ALL SEDIMENT COLLECTED IN THE BASIN MUST BE REMOVED FROM THE BASIN UPON COMPLETION OF CONSTRUCTION. SEDIMENT FROM THE BASIN MAY BE USED AS FILL ON THE SITE IF IT IS SUITABLE SOIL.

WASTE DISPOSAL

WASTE MATERIALS - ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A METAL DUMPSTER WITH A SECURE LID IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITIES TO HAVE THE DUMPSTER EMPTIED AT LEAST TWICE A WEEK AND THE WASTE TAKEN TO AN APPROPRIATE LANDFILL. NO CONSTRUCTION WASTE MATERIALS SHALL BE BURIED ON SITE. THE SUPERINTENDENT SHALL ORGANIZE TRAINING FOR THE EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH WASTE MATERIALS. THE SUPERINTENDENT SHALL BE RESPONSIBLE FOR POSTING AND ENFORCING WASTE MATERIAL PROCEDURES.

HAZARDOUS WASTE - HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS OR AS DIRECTED BY THE MANUFACTURER. THE SUPERINTENDENT SHALL ORGANIZE THE PROPER TRAINING FOR EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH HAZARDOUS WASTE MATERIALS. THESE PROCEDURES SHALL BE POSTED ON THE SITE. THE PERSON WHO MANAGES THE SITE SHALL BE RESPONSIBLE FOR ENFORCING THE PROCEDURES.

SANITARY WASTE - SANITARY WASTE SHALL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITY FOR COLLECTION OF THE SANITARY WASTE AT LEAST THREE TIMES A WEEK TO PREVENT SPILLAGE ONTO THE SITE.

OFF-SITE TRACKING

A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED TO REDUCE SEDIMENT TRACKING OFFSITE. THE MAJOR ROAD CONNECTED TO THE PROJECT SHALL BE CLEANED ONCE A DAY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK RESULTING FROM CONSTRUCTION TRAFFIC. ALL TRUCKS HAULING MATERIALS OFFSITE SHALL BE COVERED WITH A TARPAULIN.

DUST & DEBRIS CONTROL

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL WITHIN THE CONSTRUCTION LIMITS AS WELL AS ALONG HAUL ROUTES AND ROADWAYS USED BY THE EQUIPMENT AND VEHICLES. THE CONTRACTOR SHALL ENSURE THAT EXCESSIVE DUST IS NOT TRANSPORTED BEYOND THE LIMITS OF CONSTRUCTION IN POPULATED AREAS. THE CONTRACTOR MAY CONTROL DUST FOR EMBANKMENTS OR OTHER CLEARED OR UNSURFACED AREAS BY APPLYING WATER. INSTALL MULCH, SEED, SOD, OR TEMPORARY PAVING AS EARLY AS PRACTICAL. CONTROL DUST DURING STORAGE AND HANDLING OF DUSTY MATERIALS BY WETTING, COVERING, OR OTHER MEANS AS APPROVED BY THE ENGINEER. CONTRACTOR SHALL ENFORCE REDUCED VEHICLE SPEEDS ON UNPAVED ROADS AND IF NECESSARY PROHIBIT CONSTRUCTION GRADING WHEN WIND GUSTS EXCEED 25 MPH, OR OTHERWISE DIRECTED BY E.O.R. OR COUNTY INSPECTOR.

DEBRIS AND TRASH SHALL NOT BE ALLOWED TO ACCUMULATE ON THE PROJECT SITE. CONTRACTOR SHALL COLLECT LOOSE DEBRIS & TRASH DAILY, AND DISPOSE OF IT INTO APPROPRIATE CONSTRUCTION TRASH RECEPTACLES OR CONTAINERS.

ITEMS REQUIRING POLLUTION PREVENTION

THE FOLLOWING ITEMS ARE EXPECTED TO BE PRESENT ON THE PROJECT SITE:

-ASPHALT
-CONCRETE
-FERTILIZERS
-METAL PIECES
-PETROLEUM BASED PRODUCTS
-TAR
-CLEANING SUPPLIES
-DETERGENTS
-MASONARY BLOCK/BRICKS
-PAINT
-WOOD

THE FOLLOWING ARE NON-STORM WATER SOURCES THAT WILL BE ENCOUNTERED AT THE SITE AND SHOULD BE DIRECTED TO THE SEDIMENT BASIN PRIOR TO DISCHARGE:

-UNCONTAMINATED GROUNDWATER EXPOSED DURING EXCAVATION
-WATER FROM WATER LINE FLUSHING
-PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED).

SPILL PREVENTION AND CONTROL

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

GOOD HOUSEKEEPING

-SUPERINTENDENT SHALL INSPECT PROJECT AREA DAILY FOR PROPER STORAGE, USE, AND DISPOSAL OF CONSTRUCTION MATERIALS.

-STORE ONLY ENOUGH MATERIAL ON SITE FOR PROJECT COMPLETION.

-ALL SUBSTANCES SHOULD BE USED BEFORE DISPOSAL OF CONTAINER.

-ALL CONSTRUCTION MATERIALS STORED SHALL BE ORGANIZED AND IN THE PROPER CONTAINER AND IF POSSIBLE, STORED UNDER A ROOF OR PROTECTIVE COVER.

-PRODUCTS SHALL NOT BE MIXED UNLESS DIRECTED BY THE MANUFACTURER.

-ALL PRODUCTS SHALL BE USED AND DISPOSED OF ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

HAZARDOUS PRODUCTS

-MATERIALS SHOULD BE KEPT IN ORIGINAL CONTAINER WITH LABELS UNLESS THE ORIGINAL CONTAINERS CANNOT BE RESEALED. IF ORIGINAL CONTAINERS CANNOT BE USED, LABELS AND PRODUCT INFORMATION SHALL BE SAVED.

-PROPER DISPOSAL PRACTICES SHALL ALWAYS BE FOLLOWED IN ACCORDANCE WITH MANUFACTURER AND LOCAL/STATE REGULATIONS.

PRODUCT SPECIFIC PRACTICES

-PETROLEUM PRODUCTS MUST BE STORED IN PROPER CONTAINERS AND CLEARLY LABELED. VEHICLES CONTAINING PETROLEUM PRODUCTS SHALL BE PERIODICALLY INSPECTED FOR LEAKS. PRECAUTIONS SHALL BE TAKEN TO AVOID LEAKAGE OF PETROLEUM PRODUCTS ON SITE.

-THE MINIMUM AMOUNT OF FERTILIZER SHALL BE USED AND MIXED INTO THE SOIL IN ORDER TO LIMIT EXPOSURE TO STORM WATER. FERTILIZERS SHALL BE STORED IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

-PAINT CONTAINERS SHALL BE SEALED AND STORED WHEN NOT IN USE. EXCESS PAINT MUST BE DISPOSED OF IN AN APPROVED MANNER.

-CONCRETE TRUCKS SHALL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.

SPILL CONTROL PRACTICES

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

-SPILL CLEANUP INFORMATION SHALL BE POSTED ON SITE TO INFORM EMPLOYEES ABOUT CLEANUP PROCEDURES AND RESOURCES.

-THE FOLLOWING CLEAN-UP EQUIPMENT MUST BE KEPT ON-SITE NEAR THE MATERIAL STORAGE AREA: GLOVES, MOPS, RAGS, BROOMS, DUST PANS, SAND, SAWDUST, LIQUID ABSORBER, GOGGLES, AND TRASH CONTAINERS.

-ALL SPILLS SHALL BE CLEANED UP AS SOON AS POSSIBLE.

-WHEN CLEANING A SPILL, THE AREA SHOULD BE WELL VENTILATED AND THE EMPLOYEE SHALL WEAR PROPER PROTECTIVE COVERING TO PREVENT INJURY.

-TOXIC SPILLS MUST BE REPORTED TO THE PROPER AUTHORITY REGARDLESS OF THE SIZE OF THE SPILL.

-AFTER A SPILL, THE PREVENTION PLAN SHALL BE REVIEWED AND CHANGED TO PREVENT FURTHER SIMILAR SPILLS FROM OCCURRING. THE CAUSE OF THE SPILL, MEASURES TO PREVENT IT, AND HOW TO CLEAN THE SPILL UP SHALL BE RECORDED.

-THE SUPERINTENDENT SHALL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR AND IS RESPONSIBLE FOR THE DAY TO DAY SITE OPERATIONS. THE SUPERINTENDENT ALSO OVERSEES THE SPILL PREVENTION PLAN AND SHALL BE RESPONSIBLE FOR EDUCATING THE EMPLOYEES ABOUT SPILL PREVENTION AND CLEANUP PROCEDURES.

MAINTENANCE AND INSPECTION PRACTICES

THE FOLLOWING ARE MAINTENANCE AND INSPECTION PRACTICES THAT SHALL BE COMPLETED BY THE CONTRACTOR:

-ALL SEDIMENT AND EROSION CONTROL METHODS SHALL BE CHECKED DAILY AND AFTER EACH 0.5 INCH OR GREATER RAINFALL BY THE SUPERINTENDENT OR SOMEONE UNDER HIS/HER DIRECT SUPERVISION.

-ALL SEDIMENT AND EROSION CONTROL METHODS SHALL BE KEPT IN GOOD CONDITION. REPAIRS MUST BE MADE WITHIN 24 HOURS OF REPORT.

-THE SILT FENCE SHALL BE INSPECTED PERIODICALLY FOR HEIGHT OF SEDIMENT AND CONDITION OF FENCE.

-THE SILT FENCE SHALL BE CLEARED OF SEDIMENT WHEN SEDIMENT MEASURES ONE-THIRD THE HEIGHT OF THE FENCE.

-THE SEDIMENT BASINS/DITCHES SHALL BE CHECKED MONTHLY FOR DEPTH OF SEDIMENT. THEY SHALL BE CLEANED WHEN SEDIMENT REACHES 10% OF TOTAL CAPACITY AND AFTER CONSTRUCTION IS COMPLETE.

-DIVERSION DIKES SHALL BE INSPECTED MONTHLY. ANY BREACHES SHALL BE PROMPTLY REPAIRED.

-ALL SEEDING SHALL BE CHECKED FOR PROPER GROWTH AND UNIFORMITY. UNSTABILIZED AREAS SHALL BE RE-SODDED.

-A MAINTENANCE REPORT SHALL BE COMPLETED DAILY AFTER EACH INSPECTION OF THE SEDIMENT AND EROSION CONTROL METHODS. THE REPORTS SHALL BE FILED IN AN ORGANIZED MANNER AND RETAINED ON-SITE DURING CONSTRUCTION. AFTER CONSTRUCTION IS COMPLETED, THE REPORTS SHALL BE SAVED FOR AT LEAST THREE YEARS. THE REPORTS SHALL BE AVAILABLE FOR ANY AGENCY THAT HAS JURISDICTION OVER EROSION CONTROL.

-THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION PROCEDURES AND PROPER EROSION CONTROL METHODS FOR EMPLOYEES THAT COMPLETE INSPECTIONS AND REPORTS.

POLLUTION PREVENTION PLAN CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNED: _____ DATE:_____

BRIAN S. ASHBY, P.E.
FLORIDA REGISTRATION NUMBER: 80456
PROFESSIONAL ENGINEER

CONTRACTOR'S CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FORM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER.

SIGNATURE AND DATE	NAME AND TITLE, COMPANY / ADDRESS AND TELEPHONE NUMBER	RESPONSIBILITY

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-602-7423
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 80456
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE/REGISTRATION #: FL PE 80456

K-H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

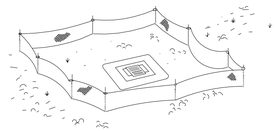
STORMWATER POLLUTION PREVENTION PLAN

CHANDLER ROW
CITY OF APOPKA FLORIDA

SHEET NUMBER C2.0

Plotted By: Powers, Steven Sheet Set: Kelly Park - CSP Layout: C2.0 SWPPP April 21, 2026 02:10:14pm K:\Orl_civil\249490000-kelly park mixed use\CAD\CONST\plansheets - csp\C2.0 SWPPP.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:07-04'00'
Brian S Ashby

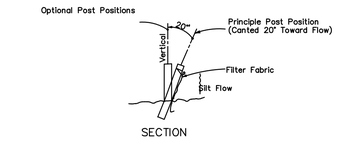


TYPE III SILT FENCE PROTECTION AROUND DITCH BOTTOM INLETS.

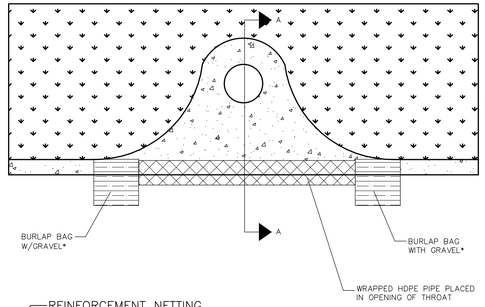
NOTES:

1. BALES TO BE STAKED AT THE DIRECTION OF THE ENGINEER.
2. PUT FILTER FABRIC UNDER GRATE DURING CONSTRUCTION
3. DO NOT DEPLOY IN A MANNER THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.

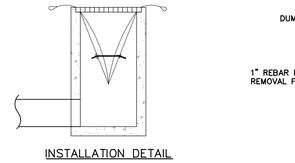
SILT FENCE APPLICATIONS
N.T.S.

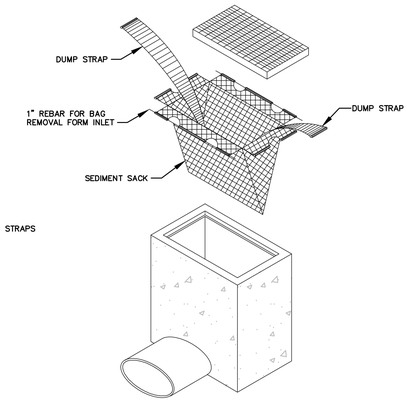


TYPE III SILT FENCE
NTS

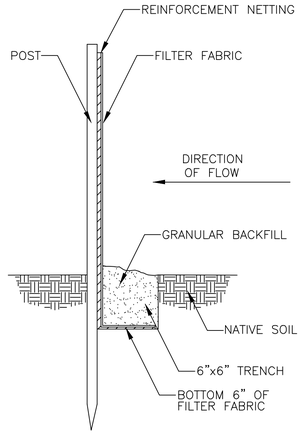


SOCK DRAIN INLET SEDIMENT FILTER
NTS

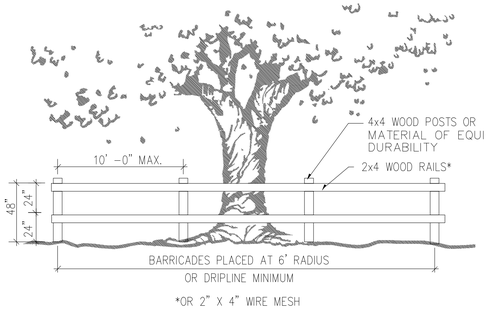




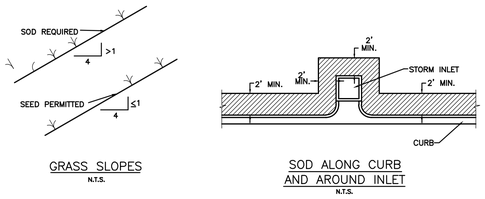
STANDARD INLET SEDIMENT CONTROL DEVICE
NTS



SILT FENCE WITH REINFORCEMENT
NOT TO SCALE

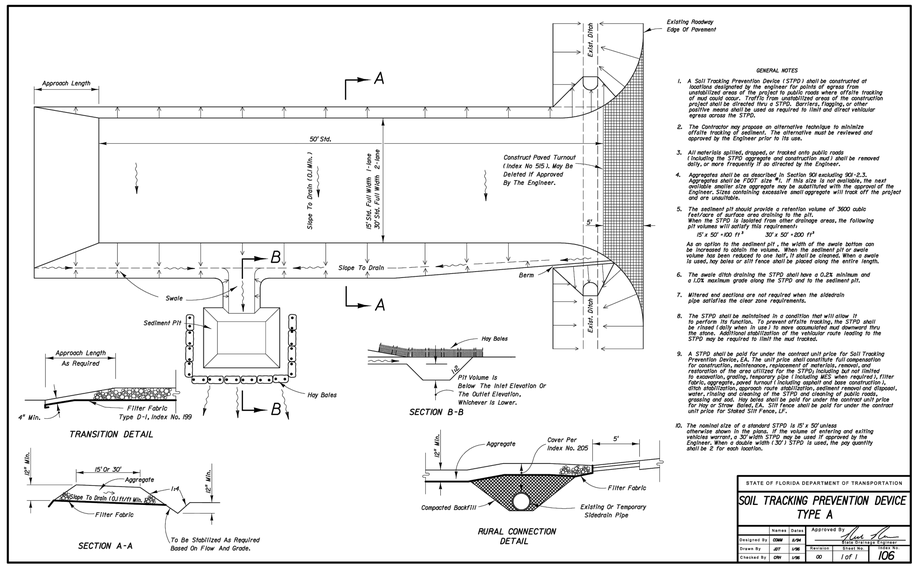


TREE PROTECTION DETAIL
NTS



NOTES:

1) CONTRACTOR TO MAINTAIN DEBRIS ON-SITE, VEHICLES SHALL BE FREE OF EXCESS DEBRIS PRIOR TO ENTERING COUNTY RIGHT-OF-WAYS.
2) DURING ALL TIME OF CONSTRUCTION, THE CONTRACTOR MUST PROVIDE FILTER FABRIC AT ALL EXISTING OR PROPOSED CATCH BASINS TO PREVENT SYSTEM POLLUTION.
3) CONTRACTOR SHALL PROVIDE TRUCK WASH RACKS TO REMOVE CONSTRUCTION DEBRIS FROM VEHICLES PRIOR TO EGRESS.
4) DURING ALL TIME OF CONSTRUCTION, THE CONTRACTOR MUST PROVIDE SILT SCREENS AT CONSTRUCTION PERIMETER
5) UPON COMPLETION OF CONSTRUCTION, SYSTEM IS TO BE CLEANED BY "CAMELVAC" OR OTHER APPROVED SYSTEM TO THE SATISFACTION OF THE PROJECT ENGINEER AND COUNTY ENGINEER WHEN OR AFTER THE OVERALL SYSTEM IS CLEANED.
6) THE CONTRACTOR SHALL MAINTAIN THE FULL SET OF PLANS INCLUDING THESE POLLUTION PREVENTION REQUIREMENTS ON-SITE AT ALL TIMES.



GENERAL NOTES

1. A Soil Tracking Prevention Device (STPD) shall be constructed at locations designated by the engineer for points of egress from unstabilized areas of the project to public roads where offsite tracking of mud could occur. Traffic from unstabilized areas of the construction project shall be directed thru a STPD. Barriers, flagging, or other methods shall be installed as required to limit and direct vehicular egress across the STPD.
2. The Contractor may propose an alternative technique to minimize offsite tracking of sediment. The alternative must be reviewed and approved by the Engineer prior to its use.
3. All materials spilled, dropped, or tracked onto public roads including the STPD aggregate and construction mud) shall be removed daily, or more frequently if so directed by the Engineer.
4. Aggregates shall be as described in Section 901 excluding 901-2.3. Aggregates shall be size "#1" or "#2". If this size is not available, the next available smaller size aggregate may be substituted with the approval of the Engineer. Sizes containing excessive small aggregate will track off the project and are unsuitable.
5. The sediment pit should provide a retention volume of 3600 cubic feet/acre of surface area draining to the pit. When the STPD is isolated from other drainage areas, the following pit volumes will satisfy this requirement:
   15' x 50' = 00 ft³ 30' x 50' = 200 ft³
   As an option to the sediment pit, the width of the swale bottom can be increased to provide the same volume. If the sediment pit or swale volume has been reduced to one half, it shall be cleaned. When a swale is used, hay bales or silt fence shall be placed along the entire length.
6. The swale ditch draining the STPD shall have a 0.2% minimum and a 1.0% maximum grade along the STPD and to the sediment pit.
7. Altered end sections are not required when the sidedrain pipe satisfies the clear zone requirements.
8. The STPD shall be maintained in a condition that will allow it to perform its function. To prevent offsite tracking, the STPD shall be rinsed fully when in use. To move accumulated mud downward thru the STPD, rinsing shall be directed uphill. Alternate route loading to the STPD may be required to limit the mud tracked.
9. A STPD shall be paid for under the contract unit price for Soil Tracking Prevention Device, EA. The unit price shall constitute full compensation for construction, maintenance, replacement of materials, removal, and restoration of the area utilized for the STPD, including but not limited to: excavation, filter fabric, aggregate, paved turnout (including asphalt and base construction), ditch stabilization, approach route stabilization, sediment removal and disposal, water, rinsing and cleaning of the STPD and cleaning of public roads, grassing and sod. Hay bales shall be paid for under the contract unit price for Hay or Straw Bales, EA. Silt Fence shall be paid for under the contract unit price for Staked Silt Fence, LF.
10. The inactive size of a standard STPD is 15' x 50' unless otherwise shown on the plans. If the volume of entering and exiting vehicles warrant, a 30' width STPD may be used if approved by the Engineer. When a double width (30') STPD is used, the pay quantity shall be 2 for each location.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

SOIL TRACKING PREVENTION DEVICE TYPE A

	Name	Date
Designed By	CRW	6/04
Drawn By	JEF	1/05
Checked By	CRW	1/05

Approved By: Rick Wilkinson Engineer

Revision	Sheet No.	Index No.
00	1 of 1	106

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-602-0423
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA
SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84456
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE/REGISTRATION #: P.E. 84456

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

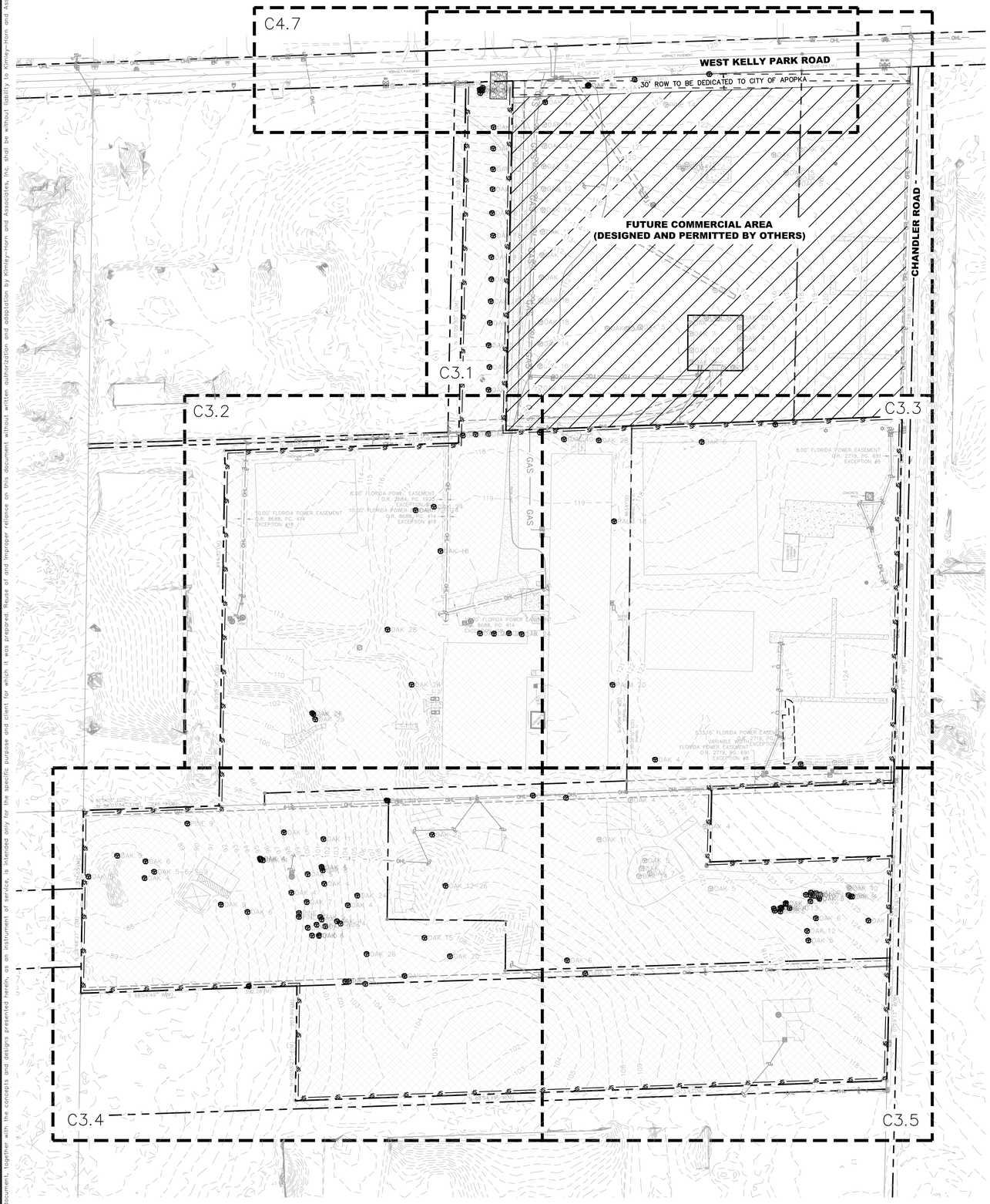
EROSION CONTROL DETAILS

CHANDLER ROW
CITY OF APOPKA FLORIDA

SHEET NUMBER
C2.1

Plotted By: Powers, Steven Sheet Set: Kelly Park - CSP Layout: C2.1 EROSION CONTROL DETAILS April 21, 2026 02:10:17pm K:\Orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C2.0 SWPPP.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:10-04'00'



LEGEND

- PROPOSED DEMO/REMOVAL
- PROJECT BOUNDARY
- TYPE III SILT FENCE (SEE SHEET C2.1 FOR DETAIL)
- EXISTING CONTOURS
- TREE TO REMAIN. PROTECT IN PLACE. SEE SHEETS L0.50–L0.61 FOR THE TREE MITIGATION PLAN
- TREE BE REMOVED
- 21.60 EXISTING SPOT ELEVATION
- AREA TO BE CLEARED AND GRUBBED. REFER TO THE LANDSCAPE PLAN FOR TREE REMOVAL AND PROTECTION
- RIGHT OF WAY TO BE DEDICATED TO CITY OF APOPKA
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)

NOTES

1. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR DEMOLITION REQUIREMENTS OF ELECTRICAL SYSTEMS.
2. CONTRACTOR SHALL UTILIZE BEST MANAGEMENT PRACTICES AS NEEDED TO PREVENT SYSTEM POLLUTION, EROSION, AND MANAGEMENT OF OFF-SITE DRAINAGE DURING TIME OF CONSTRUCTION.
3. REFER TO SWPPP SHEET C2.0 FOR ADDITIONAL NOTES AND DETAILS.
4. INSTALL AND MAINTAIN SILT FENCE AT LIMITS OF CONSTRUCTION. WIRE MESH REINFORCED SILT FENCE SHALL BE USED AT ALL POINTS ALONG PROPERTY BOUNDARY WITH OFF-SITE STORMWATER FLOWS. SEE DETAIL SHEET C2.1.
5. PROVIDE SOIL TRACKING PREVENTION DEVICE AT ALL CONSTRUCTION ACCESS POINTS. SEE DETAIL SHEET C2.1.
6. UTILIZE PERFORATED SOCK DRAIN (OR EQUIVALENT) IN FRONT OF EXISTING/PROPOSED CURB INLETS ADJACENT TO CONSTRUCTION ACTIVITIES. SEE DETAIL SHEET C2.1.
7. INSTALL AND MAINTAIN FILTER FABRIC UNDER GRATES OF EXISTING/PROPOSED INLETS, SEE SHEET C2.1.
8. CONTRACTOR TO ENSURE ADEQUATE COVER REMAINS OVER ALL EXISTING UTILITIES.
9. CONTRACTOR TO VERIFY EXISTING COVER OVER ALL UTILITIES BEFORE START OF CONSTRUCTION AND TO COORDINATE WITH THE ENGINEER OF RECORD PRIOR TO START OF CONSTRUCTION IF DESIGN DOES NOT PROVIDE 36" COVER.
10. ELEVATIONS SHOWN REFERENCE NORTH AMERICAN VERTICAL DATUM 88 (NAVD 88).
11. ANY EXISTING WELLS (I.E. ARTESIAN, IRRIGATION, DRINKING, MONITORING, ETC.) DISCOVERED ON-SITE MUST BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN A MANNER APPROVED BY ALL APPLICABLE JURISDICTIONAL AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY WELL ABANDONMENT PERMITS REQUIRED. ANY WELL DISCOVERED DURING EARTHWORK OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES, OWNER, AND OWNER'S ENGINEER WITHIN 24 HOURS AFTER DISCOVERY IS MADE.
12. THERE MAY BE ON-SITE UNDERGROUND UTILITIES (INCLUDING BUT NOT LIMITED TO IRRIGATION, SANITARY SEWER, POTABLE WATER LINES, NATURAL GAS LINES, ELECTRIC, TELEPHONE AND CABLE LINES) THAT WERE NOT LOCATED OR IDENTIFIED BY THE PROJECT SURVEYOR. PRIOR TO CONSTRUCTION START, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ON-SITE UTILITIES AND RIGHT-OF-WAY UTILITIES.
13. IF EXISTING UTILITIES ARE DISCOVERED THAT ARE NOT IDENTIFIED BY THE CONSTRUCTION DOCUMENTS, AND WILL BE IMPACTED BY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY PRIOR TO PROCEEDING WITH CONSTRUCTION.
14. CONTRACTOR TO MAINTAIN EXISTING OFF-SITE AND ONSITE DRAINAGE PATTERNS THROUGHOUT CONSTRUCTION.
15. ALL EXISTING ONSITE EASEMENTS (I.E., UTILITY, ACCESS, ETC.) TO BE VACATED PRIOR TO CONSTRUCTION.
16. SEE SHEET C4.7 FOR WEST KELLY PARK ROAD EXISTING CONDITION AND DEMOLITION PLAN.

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-623-4323
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84068
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED. SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE NUMBER: FL P.E. 84068

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

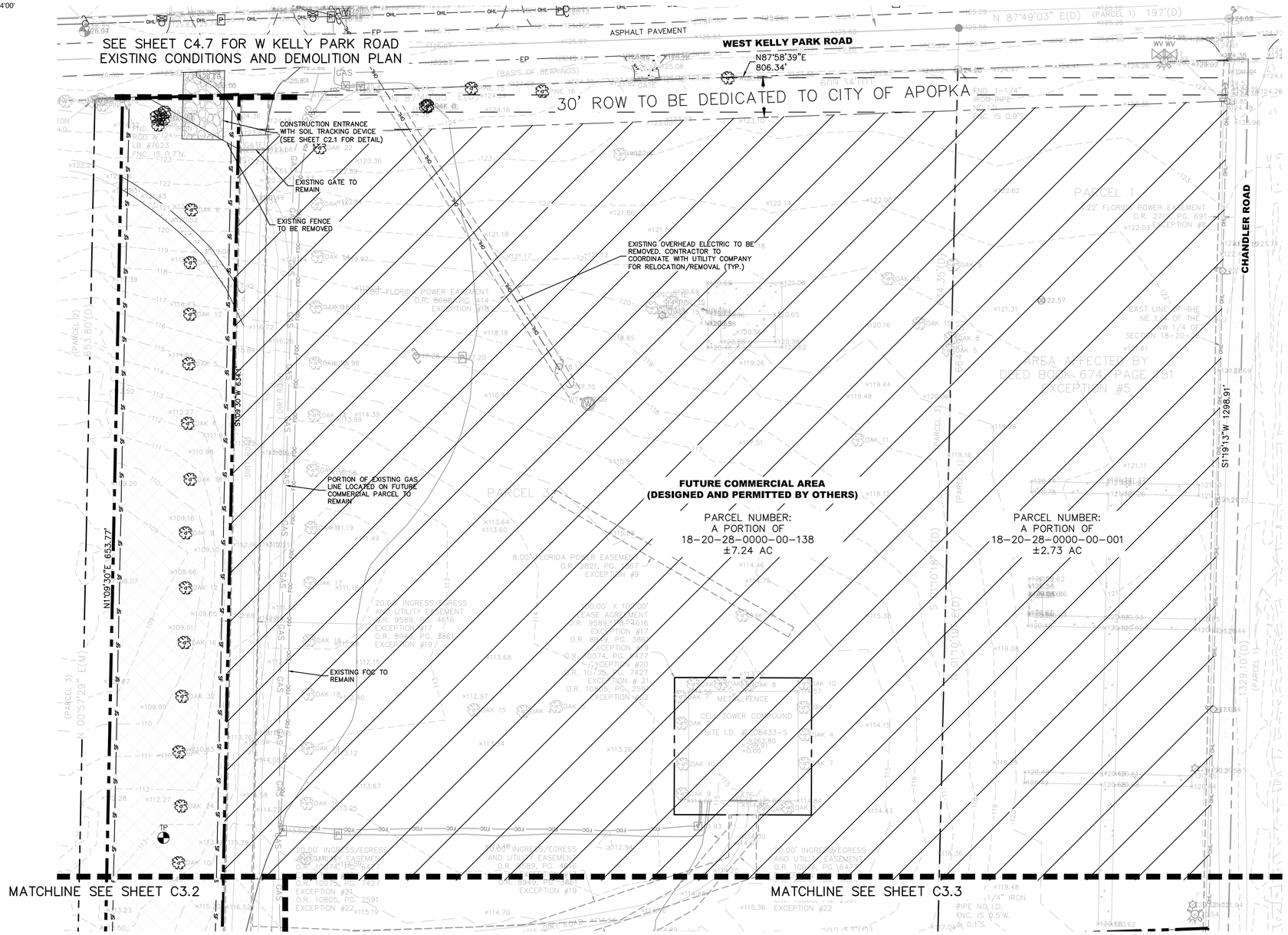
OVERALL EXISTING CONDITIONS AND DEMOLITION PLAN

CHANDLER ROW
CITY OF APOPKA FLORIDA

SHEET NUMBER
C3.0

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C3.0 OVERALL EXISTING CONDITIONS.dwg C3.0 OVERALL EXISTING CONDITIONS Apr 21, 2026 2:10pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

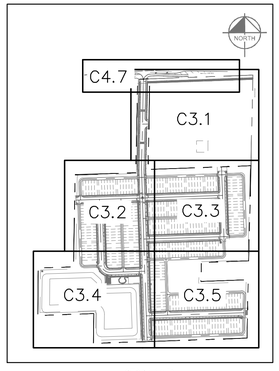
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:12-04'00'



LEGEND

- PROPOSED DEMO/REMOVAL
- PROJECT BOUNDARY
- SF — SF — TYPE III SILT FENCE (SEE SHEET C2.1 FOR DETAIL)
- EXISTING CONTOURS
- TREE TO REMAIN. PROTECT IN PLACE. SEE SHEETS L0.50-L0.61 FOR THE TREE MITIGATION PLAN
- TREE BE REMOVED
- 21.60 EXISTING SPOT ELEVATION
- AREA TO BE CLEARED AND GRUBBED. REFER TO THE LANDSCAPE PLAN FOR TREE REMOVAL AND PROTECTION
- RIGTH OF WAY TO BE DEDICATED TO CITY OF APOPKA
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)

NOTE:
1. SEE SHEET C4.7 FOR WEST KELLY PARK ROAD OFFSITE EXISTING CONDITIONS AND DEMOLITION NOTES.



KEY MAP
SCALE: 1" = 500'

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-623-2400
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84906
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE NUMBER: FLPE 84906

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

EXISTING CONDITIONS AND DEMOLITION PLAN

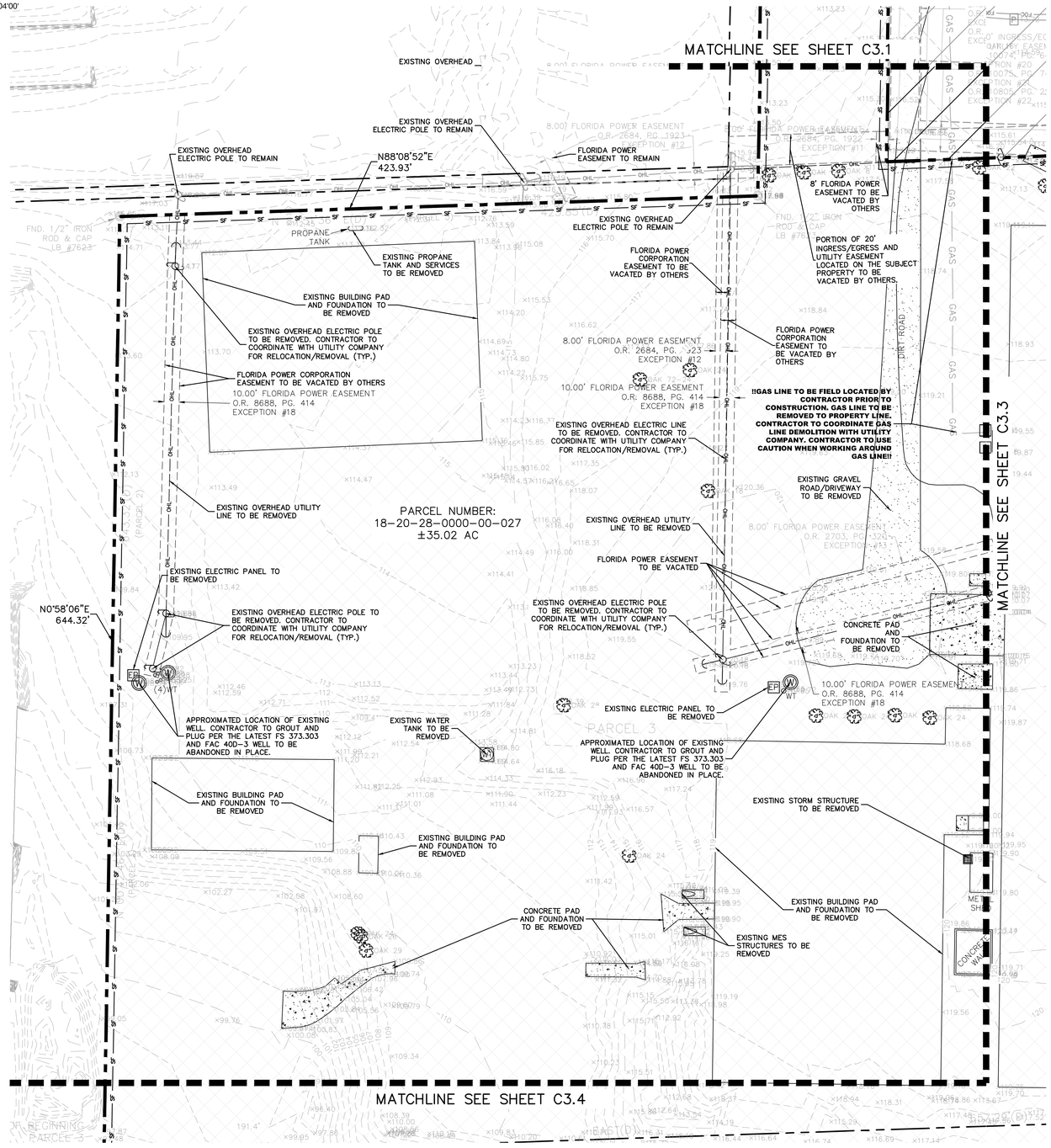
CHANDLER ROW

CITY OF APOPKA FLORIDA

SHEET NUMBER
C3.1

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C3.1 EXISTING CONDITIONS.dwg C3.1 EXISTING CONDITIONS Apr 21, 2026 2:11pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates,

Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:15-04'00'

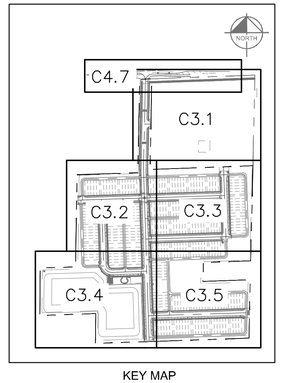


NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND

- PROPOSED DEMO/REMOVAL
- PROJECT BOUNDARY
- SF SF TYPE III SILT FENCE (SEE SHEET C2.1 FOR DETAIL)
- EXISTING CONTOURS
- TREE TO REMAIN. PROTECT IN PLACE. SEE SHEETS L0.50-L0.61 FOR THE TREE MITIGATION PLAN
- TREE BE REMOVED
- 21.60 EXISTING SPOT ELEVATION
- AREA TO BE CLEARED AND GRUBBED. REFER TO THE LANDSCAPE PLAN FOR TREE REMOVAL AND PROTECTION
- RIGTH OF WAY TO BE DEDICATED TO CITY OF APOPKA
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)



KEY MAP
SCALE: 1" = 500'

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-427-1423
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84906
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIANA S. ASHBY
LICENSE/REGISTRATION #: FL PE 84906

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

EXISTING CONDITIONS AND DEMOLITION PLAN

CHANDLER ROW

CITY OF APOPKA FLORIDA

SHEET NUMBER
C3.2

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C3.1 EXISTING CONDITIONS.dwg C3.2 EXISTING CONDITIONS Apr 21, 2026 2:11pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Digitally signed by Brian S Ashby
Brian S Ashby Date: 2026.04.22 13:17:17-04'00'

MATCHLINE SEE SHEET C3.1

MATCHLINE SEE SHEET C3.2

MATCHLINE SEE SHEET C3.5

FUTURE COMMERCIAL AREA
(DESIGNED AND PERMITTED BY OTHERS)

PARCEL NUMBER:
A PORTION OF
18-20-28-0000-00-138
±7.24 AC

PARCEL NUMBER:
A PORTION OF
18-20-28-0000-00-001
±2.73 AC

PARCEL NUMBER:
18-20-28-0000-00-027
±35.02 AC

N87°32'15"E 236.1'

663.87'(D) (PARCEL 1 & 3)

S 00°39'10" W(D) (PARCEL 3)

N 00°39'10" E(D) (PARCEL 1)

S1°19'13"W 1298.91'

S 01°01'19" W(D) (PARCEL 1)

S 87°54'10" W(D) 330.54'(M)

SOUTH 20'(D)

CONCRETE PAD AND FOUNDATION TO BE REMOVED

EXISTING OVERHEAD ELECTRIC POLE TO BE RELOCATED. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR RELOCATION/REMOVAL (TYP.)

EXISTING BUILDING PAD AND FOUNDATION TO BE REMOVED

EXISTING UTILITY TO BE REMOVED

EXISTING BUILDING PAD AND FOUNDATION TO BE REMOVED

EXISTING SEPTIC TANK TO BE REMOVED

SEPTIC AREA

EXISTING BUILDING PAD AND FOUNDATION TO BE REMOVED

EXISTING METAL SHED TO BE REMOVED

METAL SHED

EXISTING CONCRETE WALL TO BE REMOVED

EXISTING LIGHT POLE TO BE REMOVED

8.00' FLORIDA POWER EASEMENT
O.R. 2719, PG. 691
EXCEPTION #8

EXISTING OVERHEAD ELECTRIC POLE TO BE REMOVED. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR RELOCATION/REMOVAL (TYP.)

FLORIDA POWER CORPORATION EASEMENT TO BE VACATED

EXISTING CONCRETE WALL TO BE REMOVED

CONCRETE PAD AND FOUNDATION TO BE REMOVED

CONCRETE WALL

EXISTING WATER TANK TO BE REMOVED

CONCRETE LOADING RAMP

EXISTING CONCRETE LOADING RAMP TO BE REMOVED

EXISTING OVERHEAD UTILITY LINE TO BE REMOVED

EXISTING CLEANOUT TO BE REMOVED

CONCRETE PAD AND FOUNDATION TO BE REMOVED

EXISTING CONCRETE SIDEWALK TO BE REMOVED

EXISTING UTILITY TO BE REMOVED

PARCEL 1

FLORIDA POWER CORPORATION EASEMENT TO BE VACATED

533.16' FLORIDA POWER EASEMENT
O.R. 2719, PG. 691
EXCEPTION #8

EXISTING OVERHEAD ELECTRIC POLE TO BE REMOVED. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR RELOCATION/REMOVAL (TYP.)

VARIABLE WIDTH
FLORIDA POWER EASEMENT
O.R. 2719, PG. 691
EXCEPTION #8

CHANDLER ROAD
PRIVATE 15.00' RIGHT OF WAY

INGRESS/EGRESS AND UTILITY EASEMENT O.R. 2589, PG. 4016

INGRESS/EGRESS AND UTILITY EASEMENT O.R. 2589, PG. 4016

EXCEPTION #19

EXCEPTION #22

EXCEPTION #23

EXCEPTION #24

EXCEPTION #25

EXCEPTION #26

EXCEPTION #27

EXCEPTION #28

EXCEPTION #29

EXCEPTION #30

EXCEPTION #31

EXCEPTION #32

EXCEPTION #33

EXCEPTION #34

EXCEPTION #35

EXCEPTION #36

EXCEPTION #37

EXCEPTION #38

EXCEPTION #39

EXCEPTION #40

EXCEPTION #41

EXCEPTION

Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:20-04'00'

MATCHLINE SEE SHEET C3.2

MATCHLINE SEE SHEET C3.5

N88°03'34"E
246.19'

N0°48'27"E 331.55'

FLORIDA POWER EASEMENT TO BE VACATED BY OTHERS

EXISTING OVERHEAD ELECTRIC POLES TO BE REMOVED. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR RELOCATION/REMOVAL (TYP.)

EXISTING BUILDING PAD AND FOUNDATION TO BE REMOVED

EXISTING OVERHEAD ELECTRIC POLES TO BE REMOVED. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR RELOCATION/REMOVAL (TYP.)

EXISTING BUILDING PAD AND FOUNDATION TO BE REMOVED

EXISTING UTILITY TO BE REMOVED

CONCRETE PAD AND FOUNDATION TO BE REMOVED

EXISTING OVERHEAD UTILITY LINE TO BE REMOVED

EXISTING BUILDING PAD AND FOUNDATION TO BE REMOVED

EXISTING BUILDING PAD AND FOUNDATION TO BE REMOVED

PARCEL NUMBER:
18-20-28-0000-00-027
±35.02 AC

FLORIDA POWER EASEMENT TO BE VACATED BY OTHERS

EXISTING OVERHEAD ELECTRIC POLE TO BE REMOVED. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR RELOCATION/REMOVAL (TYP.)

10.00' FLORIDA POWER EASEMENT

S88°04'49"W
392.28'

FND. 1/2" IRON ROD & CAP LB #6398 FNC. IS 0.9'E.

N0°48'27"E
207.99'

OWNER:
EDUAN BORGAS

PARCEL I.D.
#18-20-28-0000-00-068

S88°04'49"W
1073.47'

LEGEND

- PROPOSED DEMO/REMOVAL
- PROJECT BOUNDARY
- SF — SF — TYPE III SILT FENCE (SEE SHEET C2.1 FOR DETAIL)
- EXISTING CONTOURS
- TREE TO REMAIN. PROTECT IN PLACE. SEE SHEETS L0.50–L0.61 FOR THE TREE MITIGATION PLAN
- TREE BE REMOVED
- 21.60 EXISTING SPOT ELEVATION
- AREA TO BE CLEARED AND GRUBBED. REFER TO THE LANDSCAPE PLAN FOR TREE REMOVAL AND PROTECTION
- RIGTH OF WAY TO BE DEDICATED TO CITY OF APOPKA
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)

GRAPHIC SCALE IN FEET
0 20 40 80

NORTH

KEY MAP
SCALE: 1" = 500'

C4.7
C3.1
C3.2
C3.3
C3.4
C3.5

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREIN.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIANA S. ASHBY
LICENSE/CERTIFICATION NO. # FL PE 84496

K-H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

EXISTING CONDITIONS AND DEMOLITION PLAN

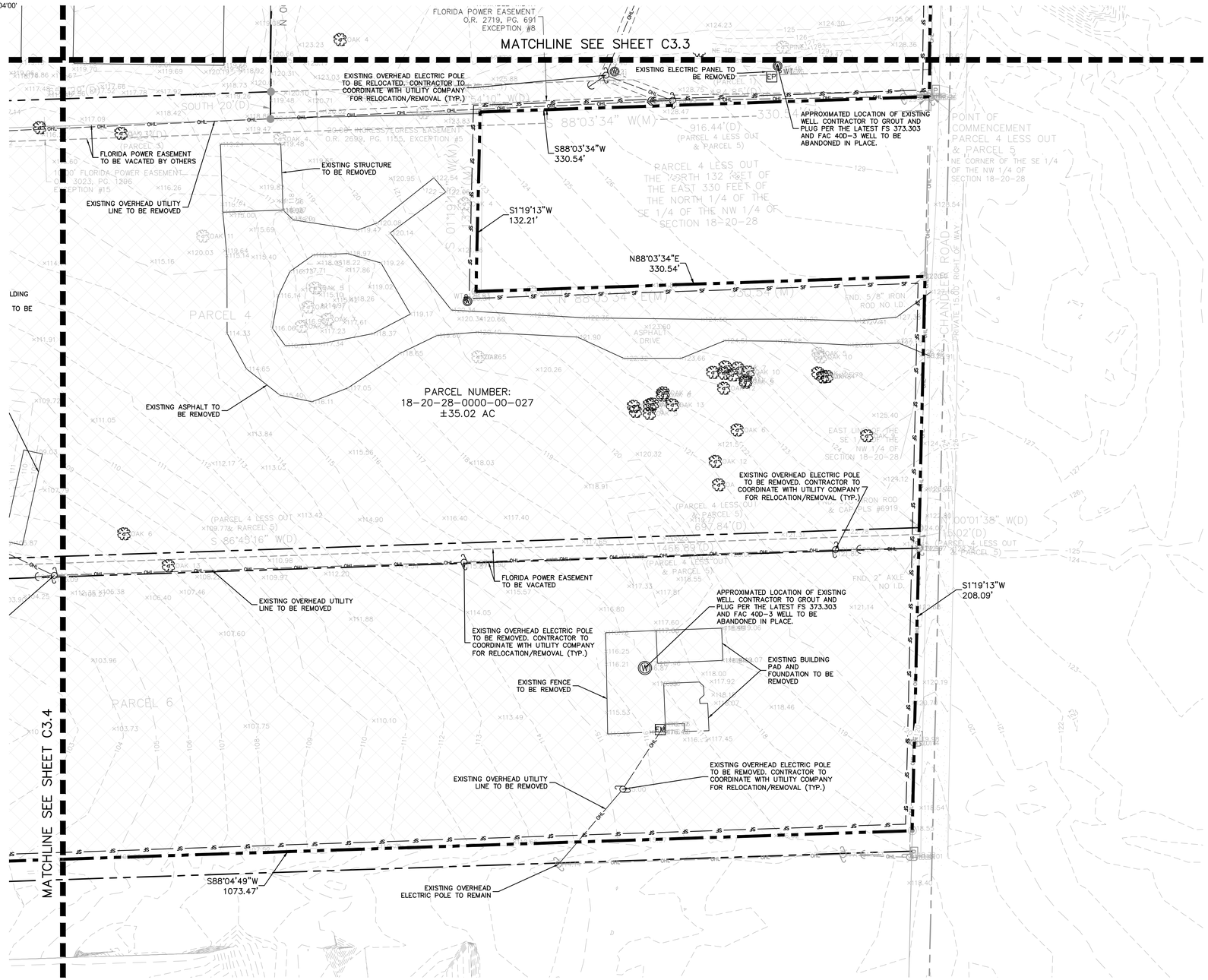
CHANDLER ROW
CITY OF APOPKA FLORIDA

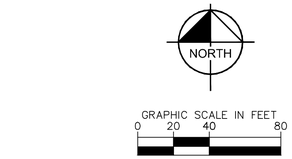
SHEET NUMBER
C3.4

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C3.1 EXISTING CONDITIONS.dwg C3.4 EXISTING CONDITIONS Apr 21, 2026 2:12pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates,

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:23-04'00'

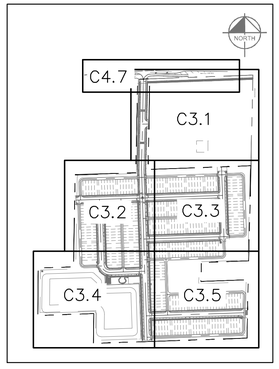
Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C3.1 EXISTING CONDITIONS.dwg C3.5 EXISTING CONDITIONS Apr 21, 2026 2:12pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





LEGEND

- PROPOSED DEMO/REMOVAL
- PROJECT BOUNDARY
- SF — SF — TYPE III SILT FENCE (SEE SHEET C2.1 FOR DETAIL)
- EXISTING CONTOURS
- TREE TO REMAIN. PROTECT IN PLACE. SEE SHEETS L0.50-L0.61 FOR THE TREE MITIGATION PLAN
- TREE BE REMOVED
- 21.60 EXISTING SPOT ELEVATION
- AREA TO BE CLEARED AND GRUBBED. REFER TO THE LANDSCAPE PLAN FOR TREE REMOVAL AND PROTECTION
- RIGTH OF WAY TO BE DEDICATED TO CITY OF APOPKA
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)



KEY MAP
SCALE: 1" = 500'

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-623-4233
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIANA S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84906
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY BRIANA S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIANA S. ASHBY
LICENSE NUMBER: FLORIDA P.E. # E 84906

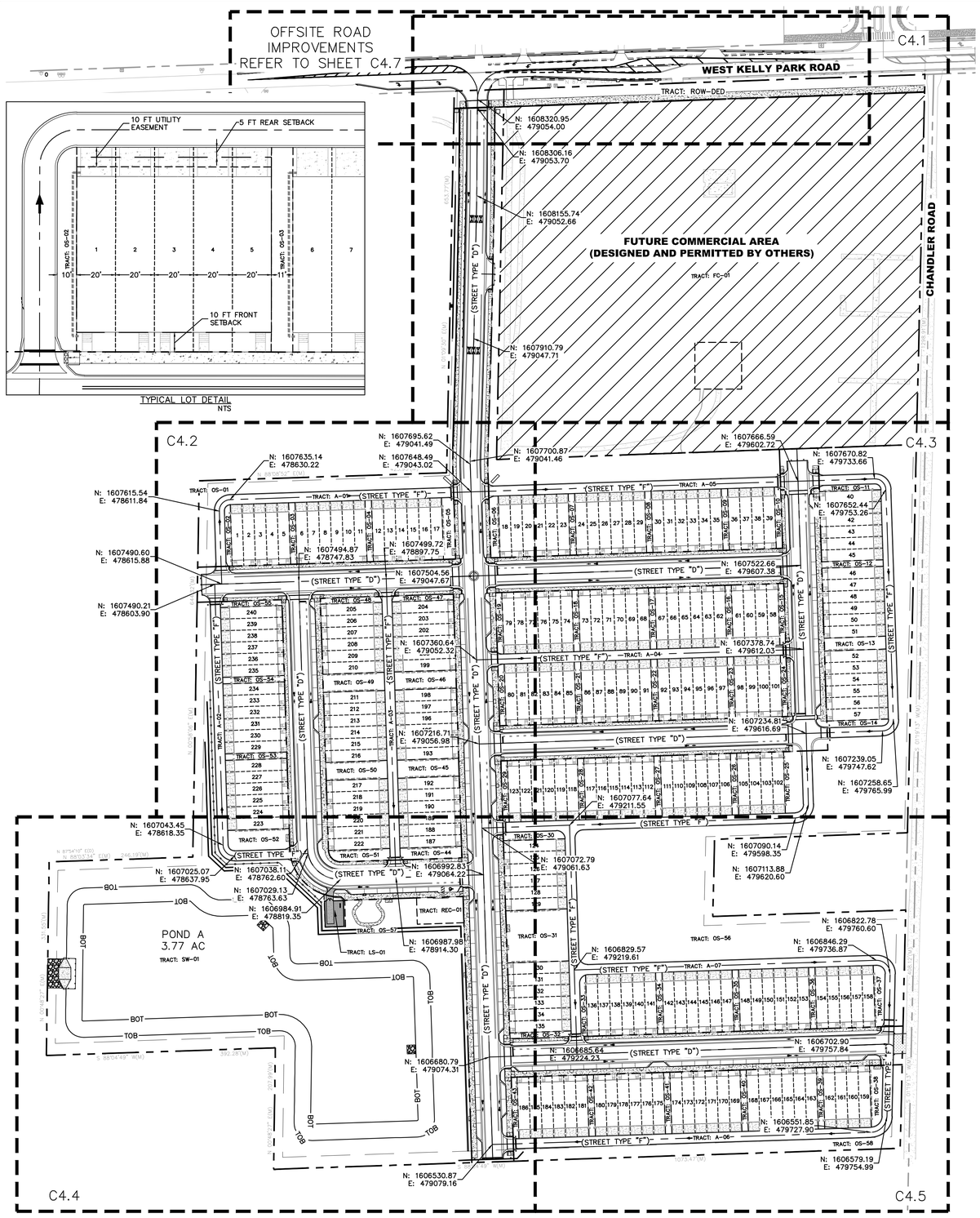
K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

EXISTING CONDITIONS AND DEMOLITION PLAN

CHANDLER ROW
CITY OF APOPKA FLORIDA

SHEET NUMBER
C3.5

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:26-04'00'



SITE DATA

PROJECT LOCATION:	CITY OF APOPKA, ORANGE COUNTY FLORIDA SECTION 13, TOWNSHIP 20 SOUTH, RANGE 27 EAST
TOTAL SITE AREA:	±45.48 AC. (1,981,235 SF)
R.O.W. DEDICATION:	±0.56 AC. (24,189 SF)
FUTURE COMMERCIAL AREA:	±9.97 AC. (434,281 SF)
DEVELOPABLE AREA:	±34.96 AC (1,522,765 SF)
EXISTING ZONING:	'RSF-1A' RESIDENTIAL SINGLE-FAMILY ESTATE DISTRICT
REQUESTED OVERLAY ZONING/CHARACTER ZONE:	TRANSITION OVERLAY DISTRICT
PROPOSED ZONING:	'KPI-MU' KELLY PARK INTERCHANGE DISTRICT MIXED-USE
ADJACENT ZONING:	
NORTH:	'R' RESIDENTIAL
SOUTH:	'RSF-1A RESIDENTIAL SINGLE-FAMILY ESTATES DISTRICT
EAST:	'T' TRANSITIONAL DISTRICT
WEST:	'T' & RSF-1A
FUTURE LAND USE:	'RVLS' RESIDENTIAL VERY LOW SUBURBAN
EXISTING USE:	RESIDENTIAL
PROPOSED USE:	RESIDENTIAL
PARCEL I.D.'s:	THIS DEVELOPMENT: 18-20-28-0000-00-027 FUTURE DEVELOPMENT: 18-20-28-0000-00-138 18-20-28-0000-00-001

BUILDING SETBACKS:

FRONT:	10 FT
REAR:	5 FT
SIDE:	5 FT
SIDE CORNER:	10 FT

VEHICULAR PARKING

REQUIRED:
2.5 SPACES PER UNIT
2.5 X 240 DUs = 600 SPACES

PROVIDED:
2 SPACES PER UNIT (GARAGE)
2 X 240 DUs = 480 SPACES
PARALLEL SPACES (ON-STREET)
120 SPACES
TOTAL PROVIDED = 600 SPACES

BUILDING SUMMARY

PROPOSED LOTS:	240 DUs
LOT TYPES:	3-BEDROOM TOWNHOMES
MIN. PROPOSED LOT SIZE:	2,000 SF
MIN. LIVABLE AREA:	1,605 SF
MINIMUM LOT WIDTH:	20 FT
MIN. PROPOSED LOT DEPTH:	100 FT
MINIMUM ALLOW. DENSITY:	5 DUs/AC
MAXIMUM ALLOW. DENSITY:	10 DUs/AC
PROPOSED DENSITY:	240 DUs / 34.96 AC = 6.86 DUs/AC

BICYCLE PARKING

REQUIRED:
1 PER EVERY 5 UNITS
(240 DUs) / (5 SP/DU) = 48 BIKE SPACES

PROVIDED:
1 PER EVERY 5 UNITS
(240 DUs) / (5 SP/DU) = 48 BIKE SPACES

OVERALL OPEN SPACE SUMMARY

MINIMUM OPEN SPACE CALCULATION:
34.96 AC x 15% = 5.24 AC

PROVIDED OPEN SPACE:

OPEN SPACE:	9.20 AC
STORMWATER TRACTS:	3.41 AC (75% MAX)
TOTAL PROVIDED:	12.61 AC (36.1%)

NORTH

GRAPHIC SCALE IN FEET
0 50 100 200

LEGEND

- PROPERTY BOUNDARY
- ROW
- TRACT LINES
- LOT LINES
- BUILDING SETBACKS
- PROPOSED GUARDRAIL
- CONCRETE SIDEWALK
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)

EASEMENTS:

ANY EASEMENT SHOWN AS PROPOSED WILL BE RECORDED PRIOR TO ISSUING THE CERTIFICATE OF OCCUPANCY.

FUTURE COMMERCIAL DEVELOPMENT STANDARDS

NOTE: THE COMMERCIAL PROPERTY IS NOT INCLUDED AS PART OF THIS DEVELOPMENT AND IS UNDER SEPARATE OWNERSHIP. THIS PROPERTY WILL BE DESIGNED AND PERMITTED AT A LATER DATE.

NON-RESIDENTIAL F.A.R.: PER COMP PLAN REQUIREMENTS

TRACT AREA TABLE

TRACT	DESCRIPTION	AREA (AC)	AREA (SF)	OWNER
A-01	ALLEY TRACT	0.21	9,141 SF	H.O.A.
A-02	ALLEY TRACT	0.22	9,765 SF	H.O.A.
A-03	ALLEY TRACT	0.19	8,136 SF	H.O.A.
A-04	ALLEY TRACT	0.20	8,892 SF	H.O.A.
A-05	ALLEY TRACT	0.50	21,774 SF	H.O.A.
A-06	ALLEY TRACT	0.31	13,377 SF	H.O.A.
A-07	ALLEY TRACT	0.64	28,045 SF	H.O.A.
FC-01	FUTURE COMMERCIAL	9.97	434,281 SF	KELLY PARK ROAD PROPERTY LLC
LS-01	LIFT STATION TRACT	0.04	1,816 SF	H.O.A.
OS-01	OPEN SPACE / LANDSCAPE	0.50	21,599 SF	H.O.A.
OS-02	OPEN SPACE / LANDSCAPE	0.02	1,029 SF	H.O.A.
OS-03	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-04	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-05	OPEN SPACE / LANDSCAPE	0.05	2,206 SF	H.O.A.
OS-06	OPEN SPACE / LANDSCAPE	0.04	1,680 SF	H.O.A.
OS-07	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-08	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-09	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-10	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-11	OPEN SPACE / LANDSCAPE	0.02	1,029 SF	H.O.A.
OS-12	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-13	OPEN SPACE / LANDSCAPE	0.05	2,310 SF	H.O.A.
OS-14	OPEN SPACE / LANDSCAPE	0.03	1,134 SF	H.O.A.
OS-15	OPEN SPACE / LANDSCAPE	0.02	1,050 SF	H.O.A.
OS-16	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-17	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-18	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-19	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-20	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-21	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-22	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-23	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-24	OPEN SPACE / LANDSCAPE	0.02	1,050 SF	H.O.A.
OS-25	OPEN SPACE / LANDSCAPE	0.02	1,050 SF	H.O.A.
OS-26	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-27	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-28	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-29	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-30	OPEN SPACE / LANDSCAPE	0.03	1,428 SF	H.O.A.
OS-31	OPEN SPACE / LANDSCAPE	0.22	9,366 SF	H.O.A.
OS-32	OPEN SPACE / LANDSCAPE	0.02	1,050 SF	H.O.A.
OS-33	OPEN SPACE / LANDSCAPE	0.02	1,009 SF	H.O.A.
OS-34	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-35	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-36	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-37	OPEN SPACE / LANDSCAPE	0.04	1,784 SF	H.O.A.
OS-38	OPEN SPACE / LANDSCAPE	0.05	2,025 SF	H.O.A.
OS-39	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-40	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-41	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-42	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-43	OPEN SPACE / LANDSCAPE	0.02	1,050 SF	H.O.A.
OS-44	OPEN SPACE / LANDSCAPE	0.05	2,100 SF	H.O.A.
OS-45	OPEN SPACE / LANDSCAPE	0.07	3,255 SF	H.O.A.
OS-46	OPEN SPACE / LANDSCAPE	0.07	3,255 SF	H.O.A.
OS-47	OPEN SPACE / LANDSCAPE	0.02	1,050 SF	H.O.A.
OS-48	OPEN SPACE / LANDSCAPE	0.02	1,050 SF	H.O.A.
OS-49	OPEN SPACE / LANDSCAPE	0.07	3,255 SF	H.O.A.
OS-50	OPEN SPACE / LANDSCAPE	0.07	3,255 SF	H.O.A.
OS-51	OPEN SPACE / LANDSCAPE	0.05	2,014 SF	H.O.A.
OS-52	OPEN SPACE / LANDSCAPE	0.08	3,654 SF	H.O.A.
OS-53	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-54	OPEN SPACE / LANDSCAPE	0.03	1,155 SF	H.O.A.
OS-55	OPEN SPACE / LANDSCAPE	0.02	1,050 SF	H.O.A.
OS-56	OPEN SPACE / LANDSCAPE	3.77	164,065 SF	H.O.A.
OS-57	OPEN SPACE / LANDSCAPE	2.93	127,589 SF	H.O.A.
OS-58	OPEN SPACE / LANDSCAPE	0.36	15,587 SF	H.O.A.
REC-01	AMENITY CENTER	0.08	3,600 SF	H.O.A.
ROW-DED	R.O.W. DEDICATION	0.56	24,189 SF	CITY OF APOPKA
SW-01	STORMWATER / LANDSCAPE	3.77	164,148 SF	H.O.A.

GENERAL:

1. PROJECT SHALL COMPLY WITH CITY OF APOPKA DESIGN STANDARDS. SEE DRAINAGE SHEETS FOR ALL POND TYPICAL SECTIONS.
2. ALL TRASH CANS FOR TRASH COLLECTION SHALL BE PLACED ON THE RIGHT HAND SIDE OF ANY ALLEY. THE RIGHT HAND SIDE SHALL BE NOTED IN RELATIONSHIP TO THE DIRECTION OF TRAFFIC FLOW.

LANDSCAPING:

ALL LANDSCAPING SHALL MEET OR EXCEED THE REQUIREMENTS OF SECTION 5.2 OF CITY OF APOPKA LAND DEVELOPMENT CODE.

STORM WATER MANAGEMENT:

OWNERSHIP AND MAINTENANCE OF STORM WATER POND SHALL BE THE RESPONSIBILITY OF THE HOME OWNER'S ASSOCIATION. THE STORMWATER MANAGEMENT SYSTEM SHALL BE DESIGNED TO MEET CITY OF APOPKA CODE AND ST. JOHNS RIVER WATER MANAGEMENT DISTRICT REQUIREMENTS. BASED ON THE NATIONAL FLOOD INSURANCE PROGRAM FIRM MAPS NO. 12095C0005H & 12095C0110H EFFECTIVE SEPTEMBER 24, 2021 THE SUBJECT PROPERTY IS WITHIN ZONE "X"

SITE LIGHTING:

SITE LIGHTING SHALL COMPLY WITH SECTION 5.6 OF CITY OF APOPKA LAND DEVELOPMENT CODE. (LIGHTING PLAN, SPECIFICATIONS AND PHOTOMETRIC CALCULATIONS SHALL BE DESIGNED AT TIME OF FINAL ENGINEERING)

UTILITY NOTES:

1. THE DEVELOPER SHALL OBTAIN WATER, REUSE WATER AND WASTEWATER SERVICE FROM CITY OF APOPKA.
2. DURING CONSTRUCTION, WHEN COMBUSTIBLES ARE BROUGHT ON TO THE SITE, ACCESS ROADS AND A SUITABLE TEMPORARY OR PERMANENT SUPPLY OF WATER ACCEPTABLE TO THE FIRE DEPARTMENT SHALL BE PROVIDED AND MAINTAINED PER NFPA 1 AND 101 (2018 EDITION), FFPC 7TH EDITION.

FIRE PROTECTION:

FIRE DEPARTMENT ACCESS AND WATER SUPPLY SHALL COMPLY WITH NFPA 1 AND 101 (2018 EDITION) AND FLORIDA FIRE PROTECTION CODE (FFPC) 7TH EDITION.

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-898-1511 FAX: 407-896-2273
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84906
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE/REGISTRATION #: FL PE 84906

K-H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

OVERALL SITE PLAN

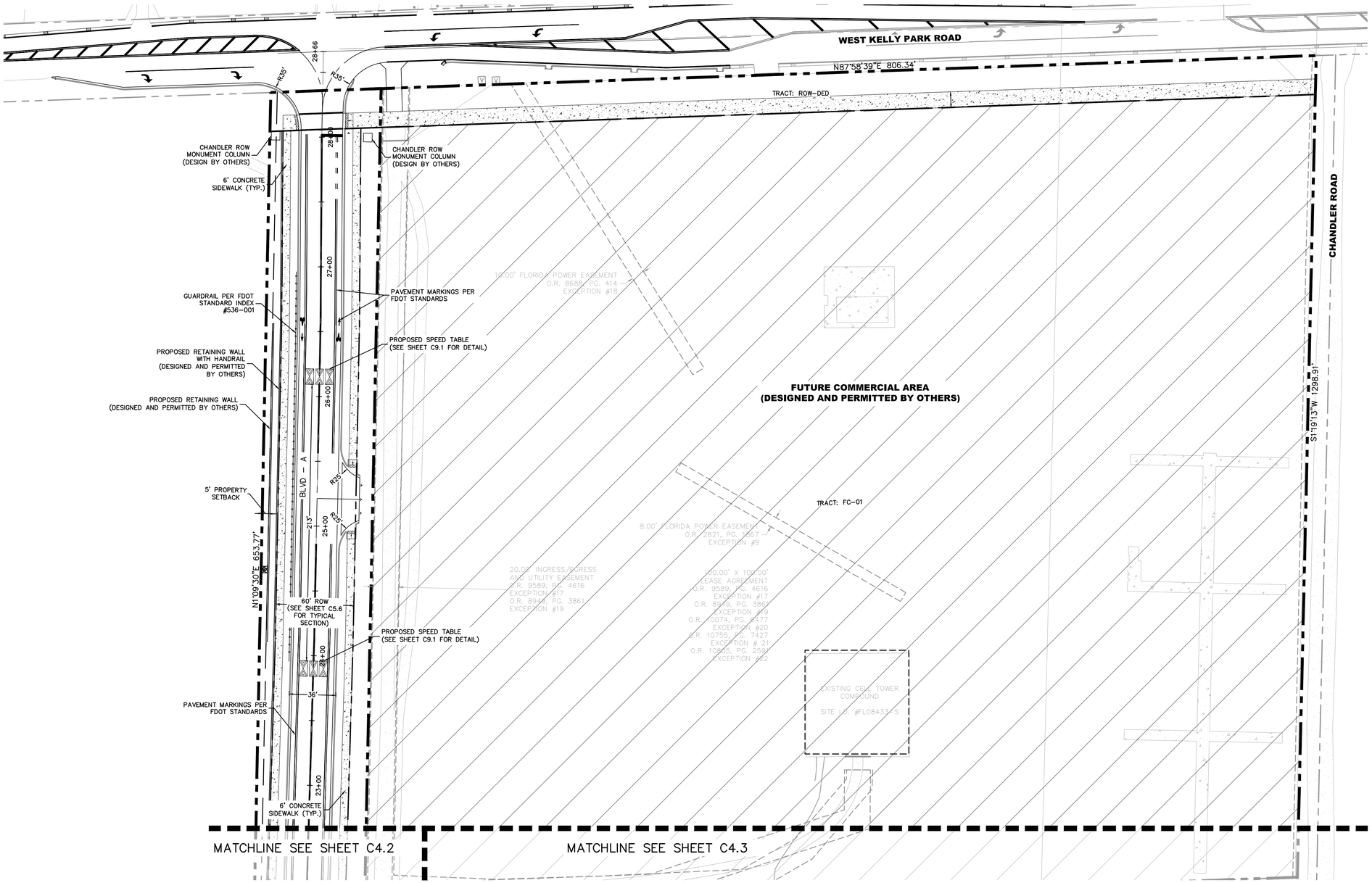
CHANDLER ROW
CITY OF APOPKA FLORIDA

SHEET NUMBER
C4.0

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C4.0 OVERALL SITE PLAN.dwg C4.0 OVERALL SITE PLAN Apr 21, 2026 2:12pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:28-04'00'

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plonsheets - csp\C4.1 SITE PLAN.dwg C4.1 SITE PLAN Apr 21, 2026 2:13pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



NORTH

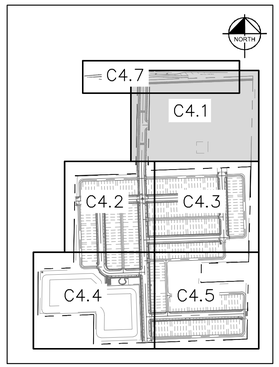
GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND

- PROPERTY BOUNDARY
- RIGHT-OF-WAY
- LOT LINES
- TRACT LINES
- BUILDING SETBACKS
- TOB — TOP OF BANK
- BOT — BOTTOM OF BANK
- PROPOSED GUARDRAIL
- PROPOSED STEM WALL
- CONCRETE SIDEWALK
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)

NOTES:

1. SEE SHEET C4.7 FOR KELLY PARK ROAD OFFSITE ROADWAY IMPROVEMENTS NOTES AND DETAILS.



KEY MAP
SCALE: 1" = 500'

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

BY	DATE	REVISIONS	No.
BJW	04/06/26	RESUBMITTAL #1	1

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-423-3210
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
"ITEMS LISTED IN THIS BLOCK HAVE BEEN SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREIN."
"ELECTRONIC SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES."
NAME: BRIAN S. ASHBY
LICENSE/CERTIFICATION #: E-PE 84496

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

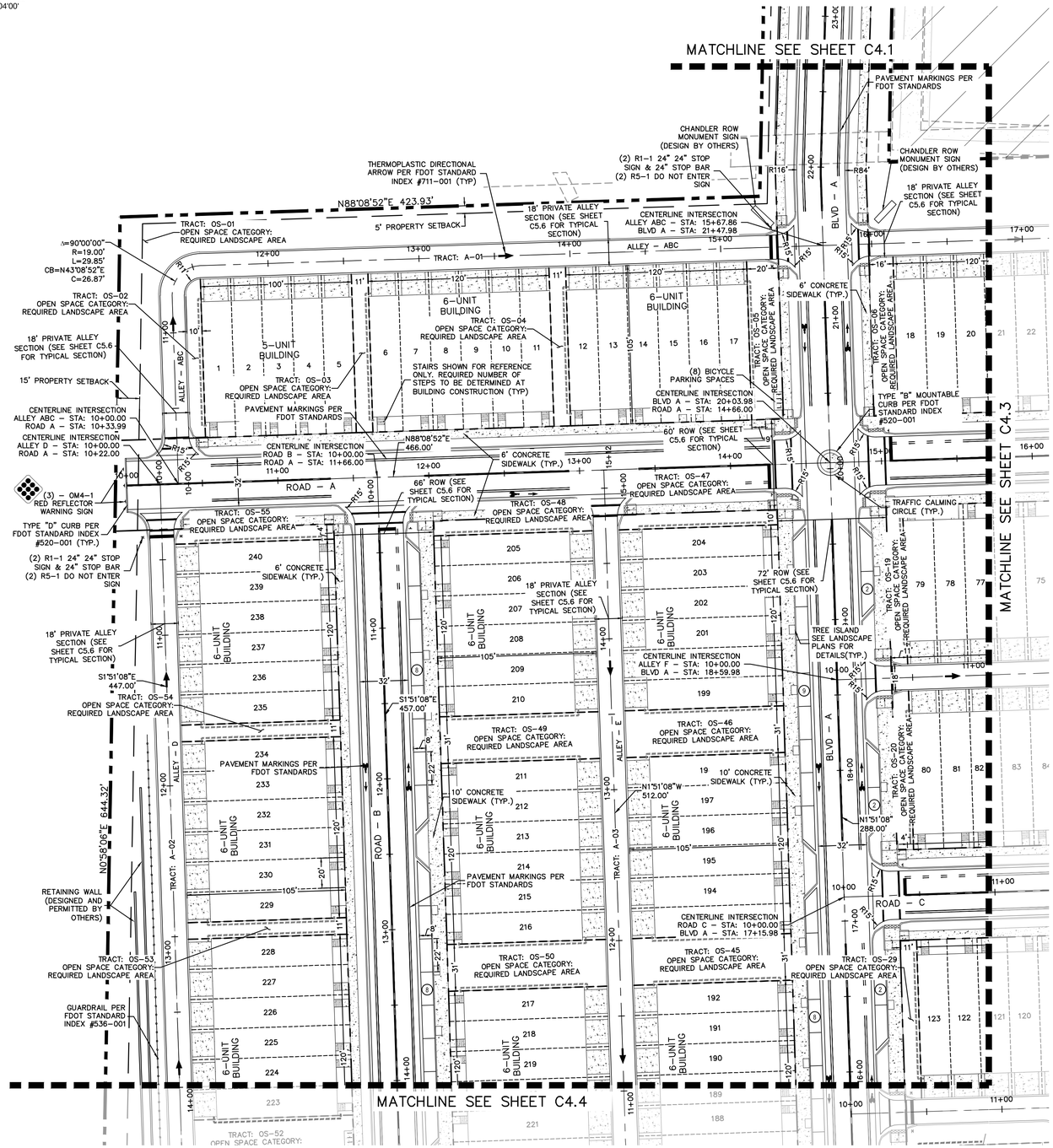
SITE PLAN

CHANDLER ROW

FLORIDA
CITY OF APOPKA

SHEET NUMBER
C4.1

Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:31-04'00'

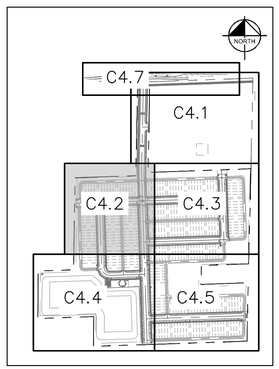


NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND

- PROPERTY BOUNDARY
- RIGHT-OF-WAY
- LOT LINES
- TRACT LINES
- BUILDING SETBACKS
- TOB — TOP OF BANK
- BOT — BOTTOM OF BANK
- PROPOSED GUARDRAIL
- PROPOSED STEM WALL
- CONCRETE SIDEWALK
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)



KEY MAP
SCALE: 1" = 500'

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
SHANTA JOHNEY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84494
ADDITIONS OR DELETIONS TO SEALED DRAWINGS AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE NUMBER: FL P.E. 84566

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

SITE PLAN

CHANDLER ROW

CITY OF APOPKA FLORIDA

SHEET NUMBER
C4.2

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C4.1 SITE PLAN.dwg C4.2 SITE PLAN Apr 21, 2026 2:13pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:34-04'00'
Brian S Ashby

MATCHLINE SEE SHEET C4.1

MATCHLINE SEE SHEET C4.2

MATCHLINE SEE SHEET C4.5

CHANDLER ROAD

ROAD – A

ROAD – C

ROAD – D

ALLEY – ABC

ALLEY – F

ALLEY – G

TRACT: A–05

TRACT: A–04

(3) – OM4–1 RED REFLECTOR WARNING SIGN

(2) R1–1 24" STOP SIGN & 24" STOP BAR
(2) R5–1 DO NOT ENTER SIGN

FDOT "TYPE D" CURB PER FDOT STD. INDEX NO.520–001 (TYP.)

18' PRIVATE ALLEY SECTION (SEE SHEET C5.6 FOR TYPICAL SECTION)

THERMOPLASTIC DIRECTIONAL ARROW PER FDOT STANDARD INDEX #711–001 (TYP)

STAIRS SHOWN FOR REFERENCE ONLY. REQUIRED NUMBER OF STEPS TO BE DETERMINED AT BUILDING CONSTRUCTION (TYP)

TREE ISLAND SEE LANDSCAPE PLANS FOR DETAILS (TYP.)

PAVEMENT MARKINGS PER FDOT STANDARDS

6' CONCRETE SIDEWALK (TYP.)

10' CONCRETE SIDEWALK (TYP.)

60' ROW (SEE SHEET C5.6 FOR TYPICAL SECTION)

66' ROW (SEE SHEET C5.6 FOR TYPICAL SECTION)

N88°08'52"E 560.00'

N1°51'08"W 121.00'

S1°19'13"W 1298.91'

CENTERLINE INTERSECTION
ALLEY ABC – STA: 21.27.86
ROAD D – STA: 14+32.00

CENTERLINE INTERSECTION
ROAD A – STA: 20+26.00
ROAD D – STA: 12+88.00

CENTERLINE INTERSECTION
ALLEY F – STA: 15+60.00
ROAD D – STA: 11+44.00

CENTERLINE INTERSECTION
ROAD C – STA: 15+60.00
ROAD D – STA: 10+00.00
ALLEY G – STA: 16+94.13
ALLEY ABC –STA: 28+43.55

Δ=90°00'00"
R=19.00'
L=29.85'
CB=S46°51'08"E
C=26.87'

Δ=90°00'00"
R=19.00'
L=29.85'
CB=S43°08'52"W
C=26.87'

Δ=90°00'00"
R=23.00'
L=36.13'
CB=N43°08'52"E
C=32.53'

(2) R1–1 24" STOP SIGN & 24" STOP BAR
(2) R5–1 DO NOT ENTER SIGN (TYP)

TRACT: OS–07 OPEN SPACE CATEGORY: REQUIRED LANDSCAPE AREA
TRACT: OS–08 OPEN SPACE CATEGORY: REQUIRED LANDSCAPE AREA
TRACT: OS–09 OPEN SPACE CATEGORY: REQUIRED LANDSCAPE AREA
TRACT: OS–10 OPEN SPACE CATEGORY: REQUIRED LANDSCAPE AREA
TRACT: OS–11 OPEN SPACE CATEGORY: REQUIRED LANDSCAPE AREA
TRACT: OS–12 OPEN SPACE CATEGORY: REQUIRED LANDSCAPE AREA
TRACT: OS–13 OPEN SPACE CATEGORY: REQUIRED LANDSCAPE AREA
TRACT: OS–14 OPEN SPACE CATEGORY: REQUIRED LANDSCAPE AREA
TRACT: OS–15 OPEN SPACE CATEGORY: REQUIRED LANDSCAPE AREA
TRACT: OS–16 OPEN SPACE CATEGORY: REQUIRED LANDSCAPE AREA
TRACT: OS–17 OPEN SPACE CATEGORY: REQUIRED LANDSCAPE AREA
TRACT: OS–18 OPEN SPACE CATEGORY: REQUIRED LANDSCAPE AREA
TRACT: OS–21 OPEN SPACE CATEGORY: REQUIRED LANDSCAPE AREA
TRACT: OS–22 OPEN SPACE CATEGORY: REQUIRED LANDSCAPE AREA
TRACT: OS–23 OPEN SPACE CATEGORY: REQUIRED LANDSCAPE AREA
TRACT: OS–24 OPEN SPACE CATEGORY: REQUIRED LANDSCAPE AREA
TRACT: OS–25 OPEN SPACE CATEGORY: REQUIRED LANDSCAPE AREA
TRACT: OS–26 OPEN SPACE CATEGORY: REQUIRED LANDSCAPE AREA
TRACT: OS–27 OPEN SPACE CATEGORY: REQUIRED LANDSCAPE AREA
TRACT: OS–28 OPEN SPACE CATEGORY: REQUIRED LANDSCAPE AREA

6–UNIT BUILDING
4–UNIT BUILDING

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND

- PROPERTY BOUNDARY
- RIGHT–OF–WAY
- LOT LINES
- TRACT LINES
- BUILDING SETBACKS
- TOB — TOP OF BANK
- BOT — BOTTOM OF BANK
- PROPOSED GUARDRAIL
- PROPOSED STEM WALL
- CONCRETE SIDEWALK
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)

KEY MAP
SCALE: 1" = 500'

C4.1
C4.2
C4.3
C4.4
C4.5
C4.7

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY–HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407–898–1511
WWW.KIMLEY–HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84906
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREIN.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NAME: BRIAN S. ASHBY
LICENSE NUMBER: FLORIDA P.E. NO. 84906

K–H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

SITE PLAN

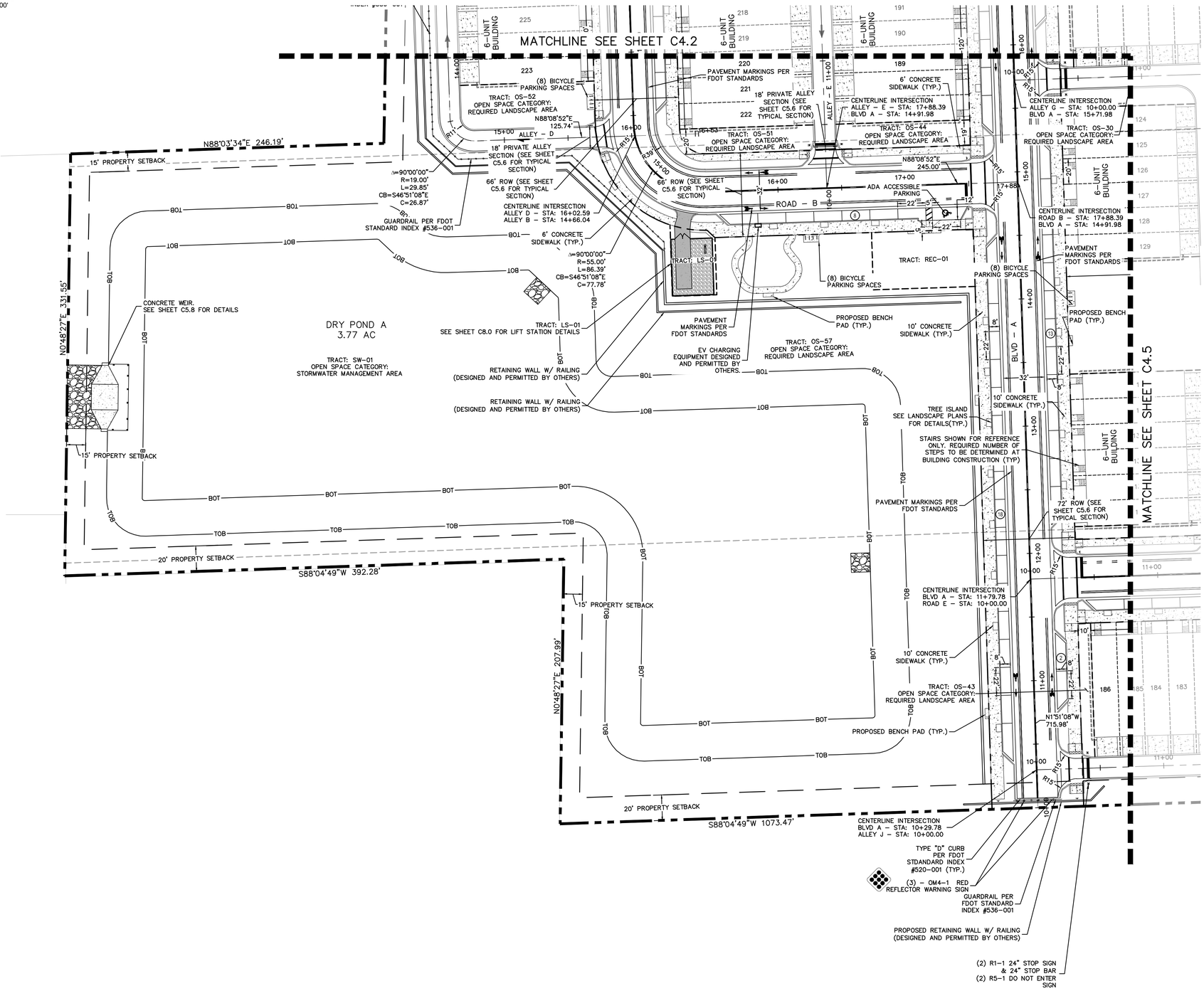
CHANDLER ROW

CITY OF APOPKA FLORIDA

SHEET NUMBER
C4.3

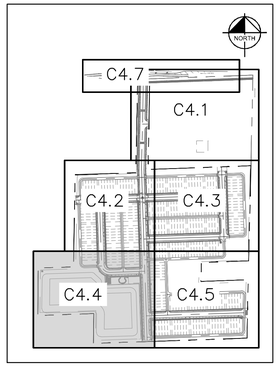
Drawing name: K:\orl_civil\249490000–kelly park mixed use\CADD\CONST\plansheets – csp\C4.1 SITE PLAN.dwg C4.3 SITE PLAN Apr 21, 2026 2:14pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley–Horn and Associates, Inc. shall be without liability to Kimley–Horn and Associates, Inc.

Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:37-04'00'



LEGEND

- PROPERTY BOUNDARY
- RIGHT-OF-WAY
- LOT LINES
- TRACT LINES
- BUILDING SETBACKS
- TOB — TOP OF BANK
- BOT — BOTTOM OF BANK
- PROPOSED GUARDRAIL
- PROPOSED STEM WALL
- CONCRETE SIDEWALK
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)



KEY MAP
SCALE: 1" = 500'

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-427-1742
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
"ELECTRONICALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREIN."
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE/REGISTRATION #: FL PE 84496

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

SITE PLAN

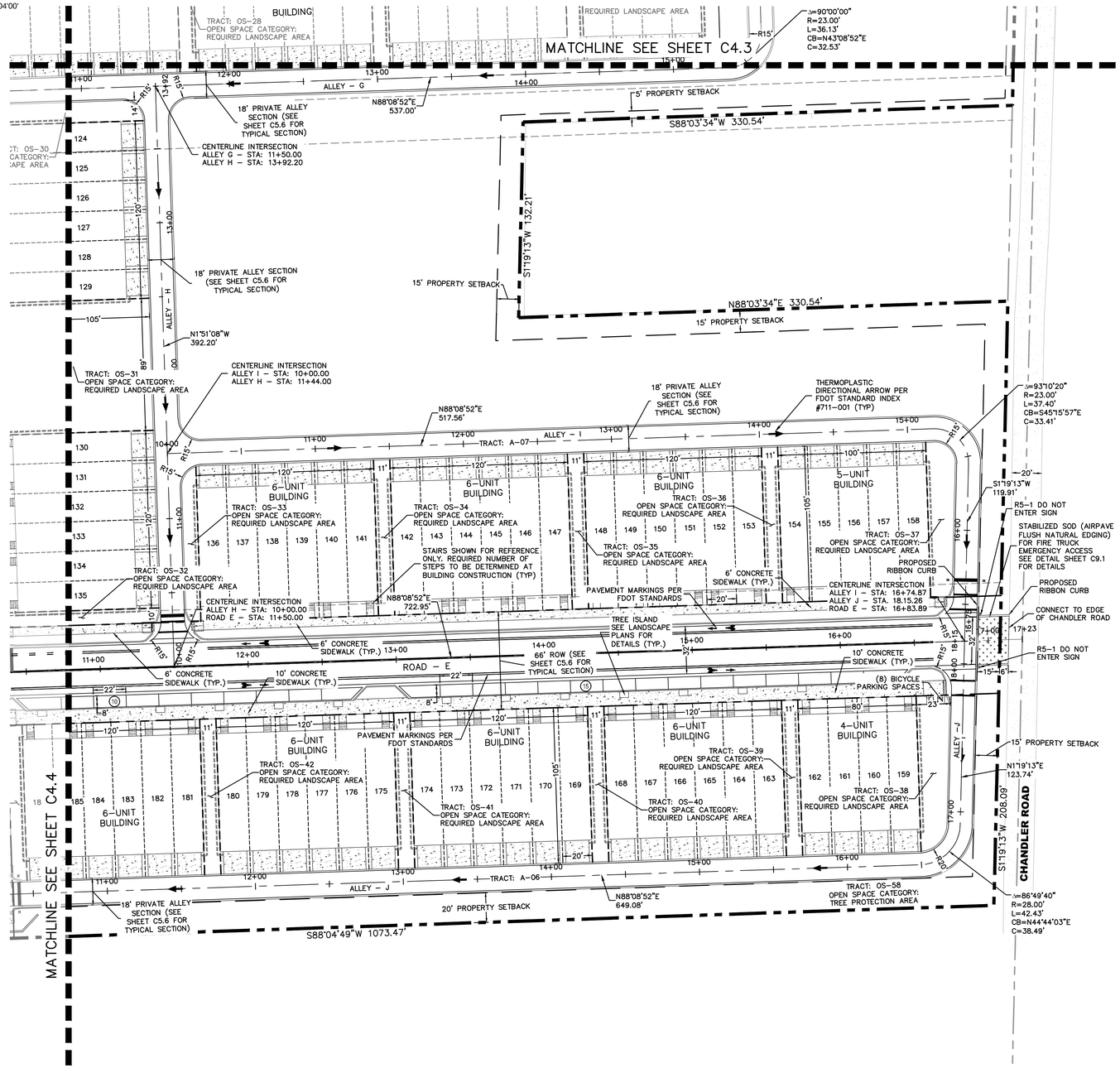
CHANDLER ROW

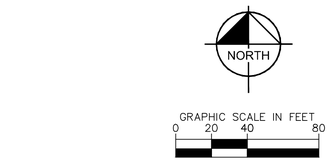
CITY OF APOPKA FLORIDA

SHEET NUMBER
C4.4

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C4.1 SITE PLAN.dwg C4.4 SITE PLAN Apr 21, 2026 2:14pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

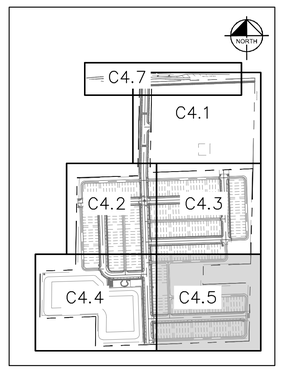
Digitally signed by Brian S Ashby
Brian S Ashby Date: 2026.04.22 13:17:40-04'00'





LEGEND

- PROPERTY BOUNDARY
- RIGHT-OF-WAY
- LOT LINES
- TRACT LINES
- BUILDING SETBACKS
- TOB — TOP OF BANK
- BOT — BOTTOM OF BANK
- PROPOSED GUARDRAIL
- PROPOSED STEM WALL
- CONCRETE SIDEWALK
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)



KEY MAP
SCALE: 1" = 500'

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-427-1423
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
CERTIFICATE NUMBER & FL REF. NUMBER

K-H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

SITE PLAN

CHANDLER ROW

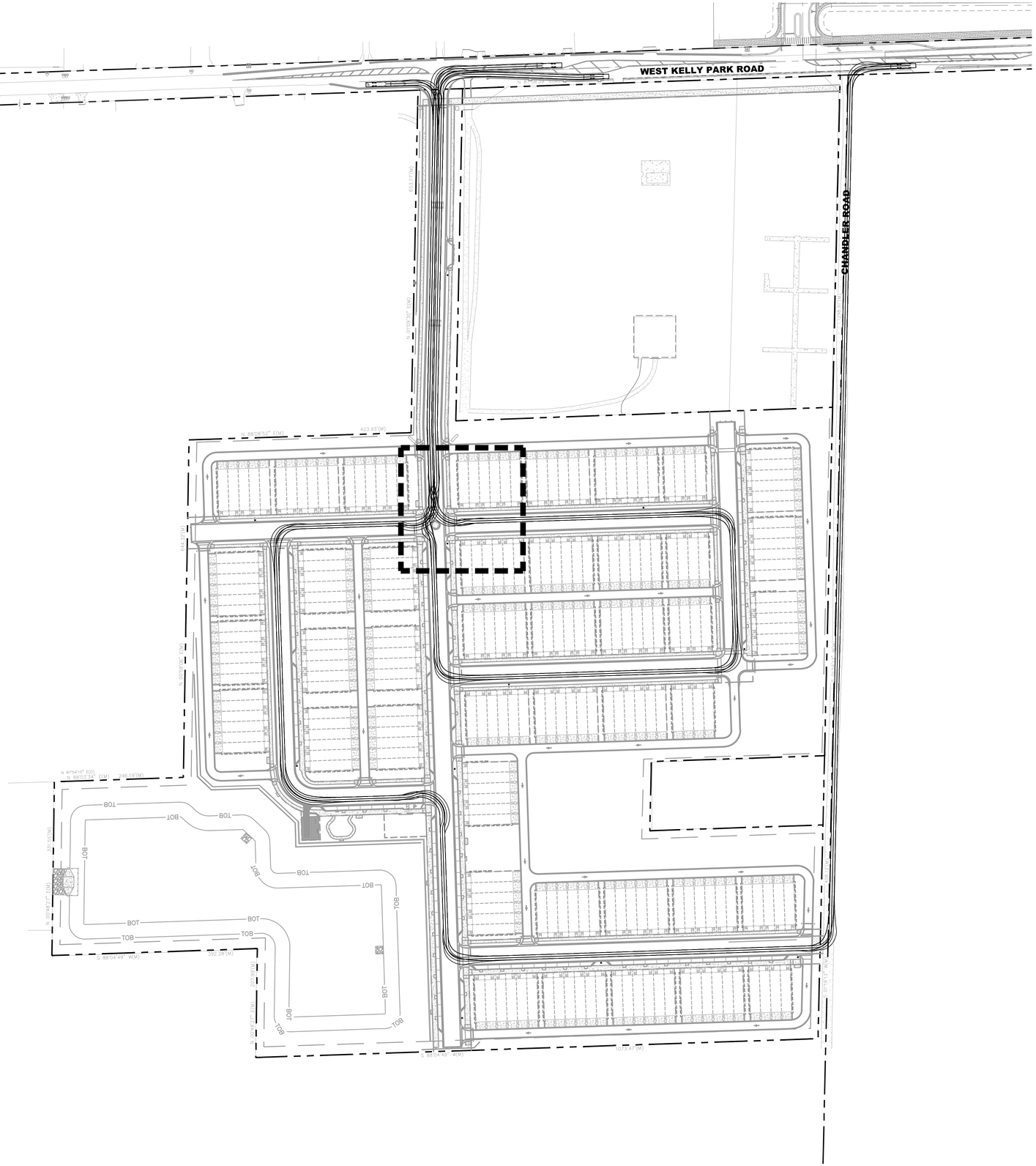
FLORIDA

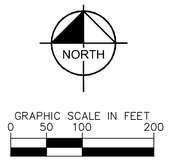
CITY OF APOPKA

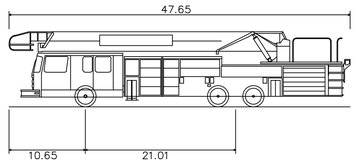
SHEET NUMBER
C4.5

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C4.1 SITE PLAN.dwg C4.5 SITE PLAN Apr 21, 2026 2:14pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:41-04'00'
Brian S Ashby

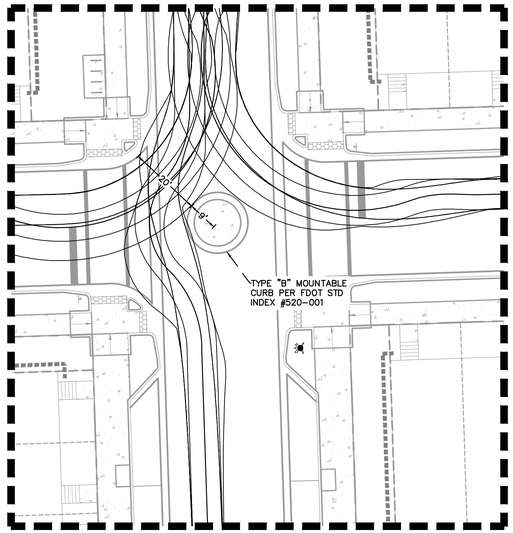






CITY OF APOPKA AERIAL/TOWER TRUCK

Length	:	47.650 ft
Width	:	8.410 ft
Height	:	11.080 ft
Min Centerline Radius	:	31.410 ft
Max Steering Angle	:	46.00°



TYPICAL TRAFFIC CALMING CIRCLE DETAIL
SCALE: 1" = 20'

THIS SHEET HAS BEEN REVISED IN ITS ENTIRETY

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-628-4423
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
THE ITEMS SHOWN ON THIS SHEET HAVE BEEN SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSED ENGINEER IN FL # FE 84496

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

FIRE TRUCK ROUTING ANALYSIS

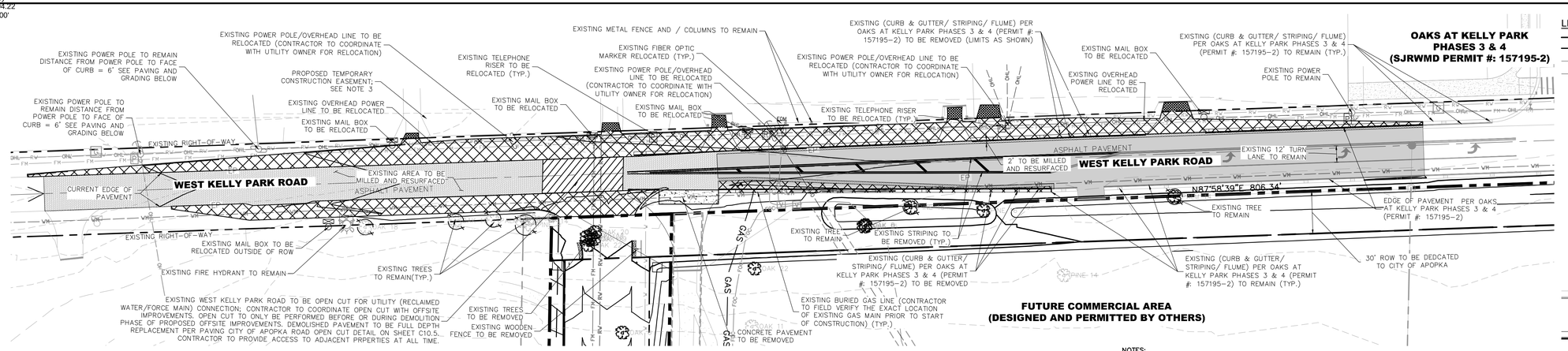
CHANDLER ROW

CITY OF APOPKA FLORIDA

SHEET NUMBER
C4.6

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plonsheets - csp\C4.6 FIRE TRUCK ROUTING ANALYSIS.dwg C4.6 FIRE TRUCK ROUTING ANALYSIS Apr 21, 2026 2:15pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:43-04'00'

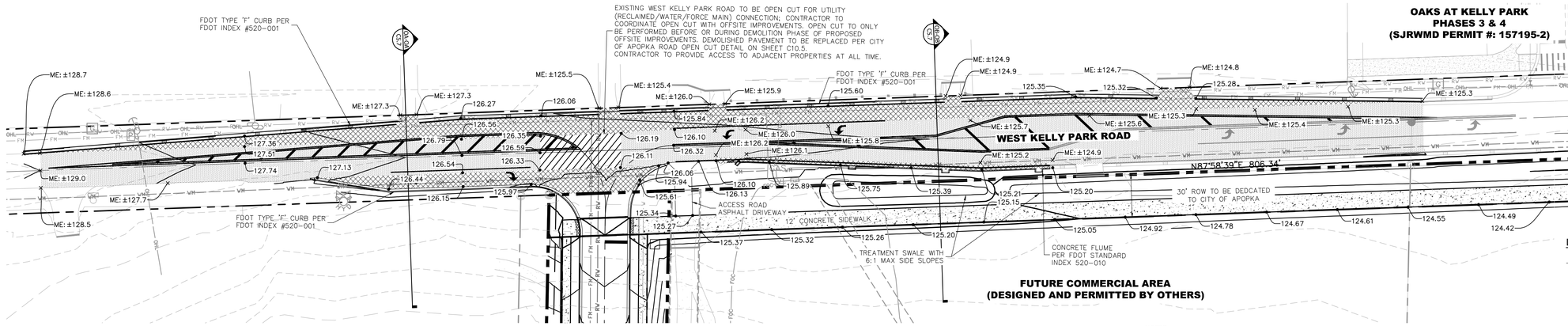


EXISTING CONDITIONS AND DEMOLITION PLAN

SCALE: 1" = 40'

NOTES:

1. CONTRACTOR TO COORDINATE ALL UTILITY RELOCATIONS WITH UTILITY PROVIDERS.
2. DEVELOPER/CONTRACTOR TO COORDINATE RELOCATION OF MAILBOX WITH PRIVATE PROPERTY OWNER PRIOR TO CONSTRUCTION.
3. KELLY PARK ROAD AS SHOWN ON THIS EXISTING CONDITIONS & DEMOLITION PLAN IS BASED ON CONSTRUCTION PLANS TITLED THE OAKS AT KELLY PARK PHASES 3 AND 4 AND PERMITTED UNDER PERMIT NUMBER 157159-2.

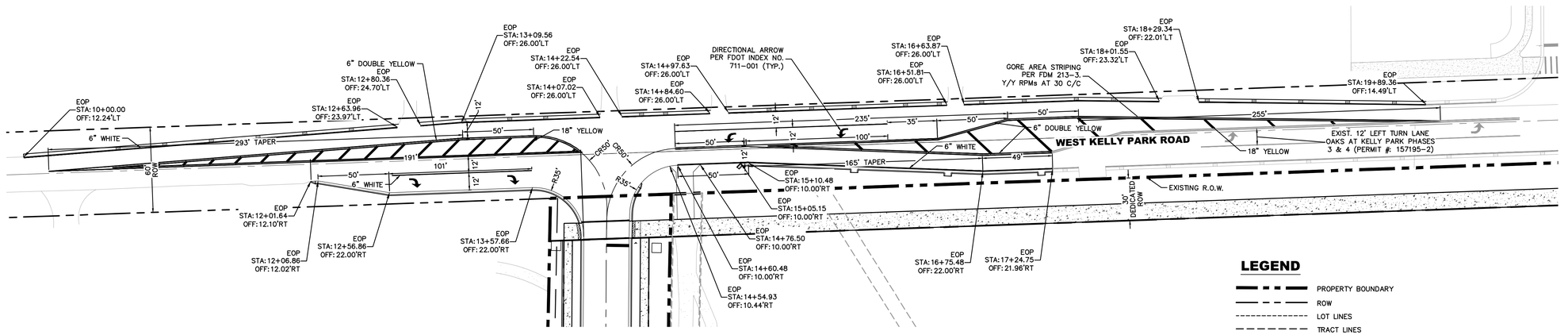


PAVING AND GRADING

SCALE: 1" = 40'

NOTES:

1. CONTRACTOR TO ADJUST THICKNESS FOR CROSS SLOPE CORRECTION AS NECESSARY TO ACHIEVE MINIMUM 2% AND TRANSITION TO/FROM EXISTING ROAD FOR A LENGTH OF 20 FEET.
2. THE PUBLIC WORKS INSPECTOR SHALL VERIFY PRIOR TO RESURFACING THAT UNDERLAYMENT IS STRUCTURALLY SOUND BEFORE PROCEEDING AND THAT ADDITIONAL MILLING MAY BE REQUIRED AT HIS/HER DIRECTION.



SIGNAGE AND STRIPING

SCALE: 1" = 40'

KELLY PARK ROAD POSTED SPEED LIMIT = 45 MPH

KELLY PARK ROAD: EXISTING ADT = 11,768 TRIPS (REFERENCE T.I.A. BY TRAFFIC IMPACT GROUP DATED NOVEMBER 22, 2024)

NOTE:

1. CONTRACTOR TO ADJUST THICKNESS FOR CROSS SLOPE CORRECTION AS NECESSARY TO ACHIEVE MINIMUM 2% AND TRANSITION TO/FROM EXISTING ROAD FOR A LENGTH OF 20 FT.
2. THE PUBLIC WORKS INSPECTOR SHALL VERIFY PRIOR TO RESURFACING THAT UNDERLAYMENT IS STRUCTURALLY SOUND BEFORE PROCEEDING AND THAT ADDITIONAL MILLING MAY BE REQUIRED AT THEIR DIRECTION.
3. ALL EXISTING THERMOPLASTIC LINES TO BE REMOVED BEFORE PAVING.
4. ALL PAVEMENT MARKING INCLUDING THE SPACING ON THE GORE AREA WILL FOLLOW FDOT STANDARDS PLAN 711 -001 AND RPM 706-001.
5. ACCESSIBLE CURB RAMPS MUST BE CONSTRUCTED AT THE STREET INTERSECTION(S) AND DRIVEWAY CONNECTION(S) TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND WILL MEET FDOT DESIGN STANDARDS.
6. DETECTABLE WARNING SURFACE WILL BE REQUIRED AT ALL PLACES WHERE PEDESTRIAN PATH MEETS VEHICULAR PATH.

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
CERTIFICATE NUMBER & FL P.E. NUMBER: 84496

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

WEST KELLY PARK OFFSITE IMPROVEMENTS

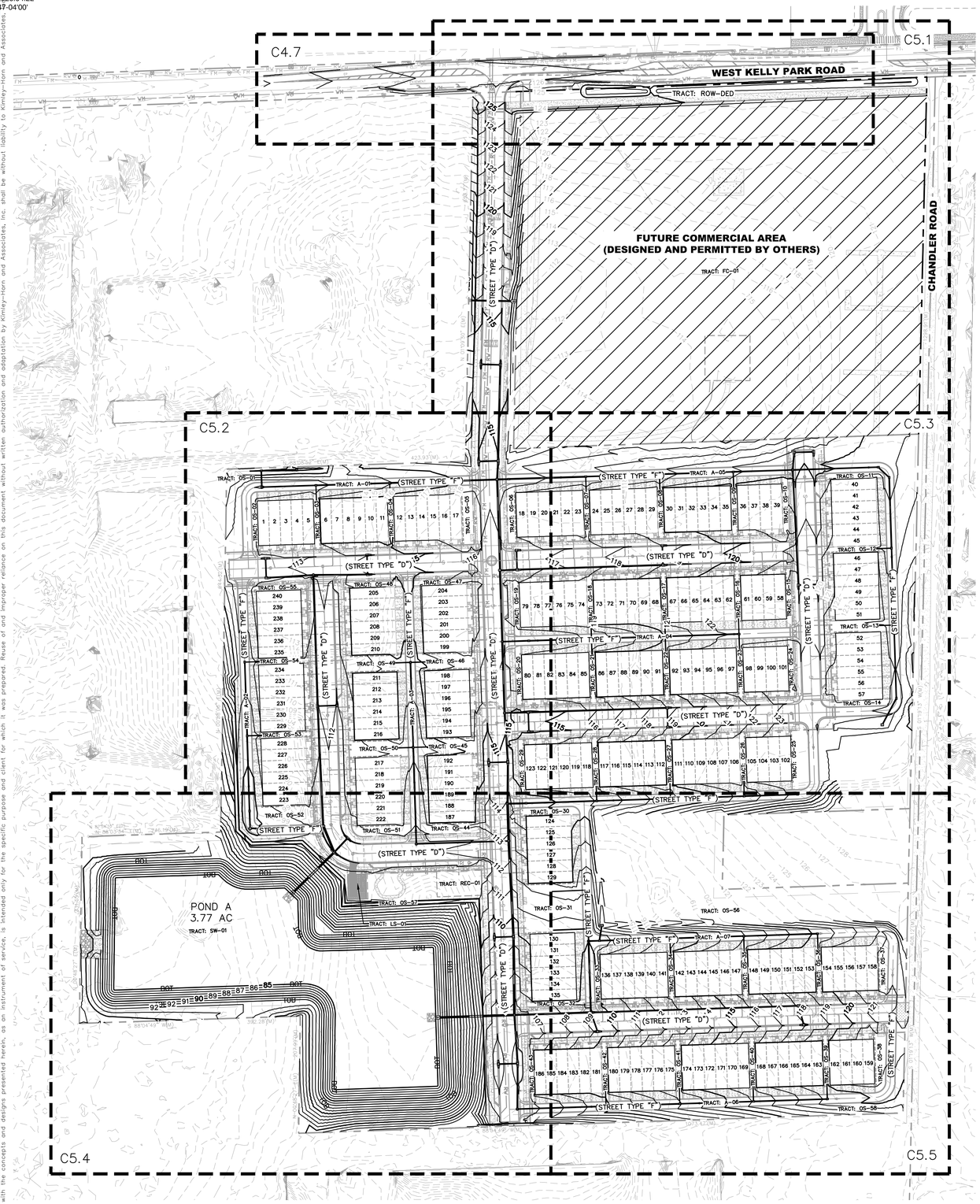
CHANDLER ROW

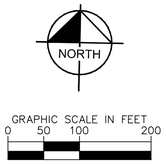
CITY OF APOPKA FLORIDA

SHEET NUMBER
C4.7

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C4.7 OFFSITE IMPROVEMENTS.dwg C4.7 OFFSITE Apr 21, 2026 2:15pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:47-04'00'





GRAPHIC SCALE IN FEET
0 50 100 200

LEGEND

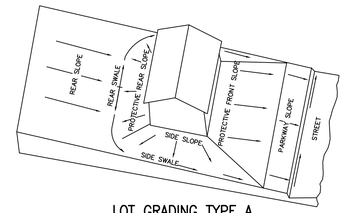
- PROPERTY BOUNDARY
- LOT BOUNDARY
- PROPOSED STORM STRUCTURES
- 100 EXISTING GRADES
- 100 PROPOSED GRADES
- PROPOSED STORM PIPES
- PROPOSED GUARDRAIL

NOTES:

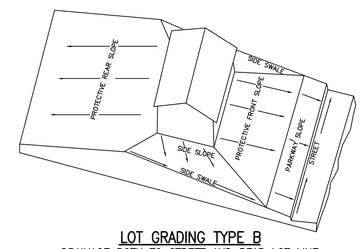
1. ALL PIPE LENGTHS SHOWN HEREON ARE APPROXIMATE AND ARE TAKEN FROM THE APPROXIMATE CENTER OF GRATE/ RING AND COVER TO THE OUTFALL END OF THE MITERED END SECTION (SEE DETAIL). MITERED END SECTIONS PLACED IN PONDS SHALL BE LOCATED TO MATCH POND SIDE SLOPE AND PIPE LENGTH MAY NEED BE ADJUSTED.
2. SIDEWALK CONSTRUCTION TO MEET ADA REQUIREMENTS.
2.1. RAMPS MAXIMUM SLOPE 1:12. (1:15 PREFERRED).
2.2. SIDEWALK / CROSSWALK MAXIMUM CROSS SLOPE 2% (1.5% PREFERRED).
2.3 SIDEWALK / CROSSWALK MAXIMUM RUNNING SLOPE 1:20. (1:22 PREFERRED).
3. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE CITY FOR ALL / ANY REQUIRED INSPECTIONS FOR WORK WITHIN A PUBLIC RIGHT-OF-WAY.
4. SEE SHEET C1.0 AND C1.1 FOR GENERAL NOTES.
5. SEE SHEET C5.6 FOR SECTIONS.
6. CONTRACTOR SHALL NOT SCALE PLAN BUT REFER TO THE PLAT FOR ALL HORIZONTAL LINE DIMENSIONS.
7. ALL SLOPES 4:1 OR LESS TO BE SODDED. SLOPES 3:1 TO 4:1, SOD TO BE STAKED.
8. CONTRACTOR TO MATCH EXISTING GRADE AROUND TREES TO BE PRESERVED
9. RETAINING WALLS ARE TO BE MAINTAINED BY THE H.O.A.
10. BUILDER TO SET FINISH GARAGE ELEVATION AND INSTALL STAIRS AS NEEDED, TO LIMIT DRIVEWAY SLOPES TO 10% MAX.
11. BUILDER TO CONSTRUCT STAIRS, AS NEEDED, AT THE FRONT AND REAR OF EACH HOME TO MEET PROPOSED FINISHED FLOOR ELEVATIONS AND ADJACENT RIGHT-OF-WAY AND ALLEY ELEVATIONS.

STEM WALL/THICKENED EDGE NOTES:

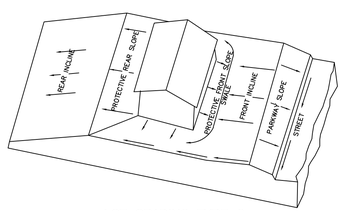
1. SLOPE AWAY FROM BUILDING FOUNDATION NOT TO EXCEED 25%. STEM WALL/THICKENED EDGE TO BE CONSTRUCTED WHERE SLOPES WILL EXCEED 25%.
2. ALL GROUND ELEVATIONS AT THE CORNER OF THE BUILDING PAD WHERE NO STEM WALL/THICKENED EDGE IS PRESENT SHALL BE THE FINISHED FLOOR ELEVATION MINUS THE BUILDING PAD THICKNESS (8" TYPICALLY) UNLESS OTHERWISE NOTED.
3. A MINIMUM OF 2.0% SLOPE AWAY FROM ALL STEM WALL/THICKENED EDGE SHALL BE PROVIDED FOR A MINIMUM DISTANCE OF 5 FT ON ALL SIDES. THE MAXIMUM SLOPE AWAY FROM THE STEM WALL SHALL NOT EXCEED 25.0%.
4. TOP 24" OF LOT FILL TO BE CLEAN SANDS WITH LESS THAN 5% FINES.



LOT GRADING TYPE A
ALL DRAINAGE TO STREET



LOT GRADING TYPE B
DRAINAGE BOTH TO STREET AND REAR LOT LINE



LOT GRADING TYPE C
ALL DRAINAGE TO REAR LOT LINE

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-427-1423
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84906
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

BRIAN S. ASHBY
1 CERTIFICATE OF AUTHORIZATION # E-PE 30636

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

OVERALL PAVING, GRADING & DRAINAGE PLAN

CHANDLER ROW

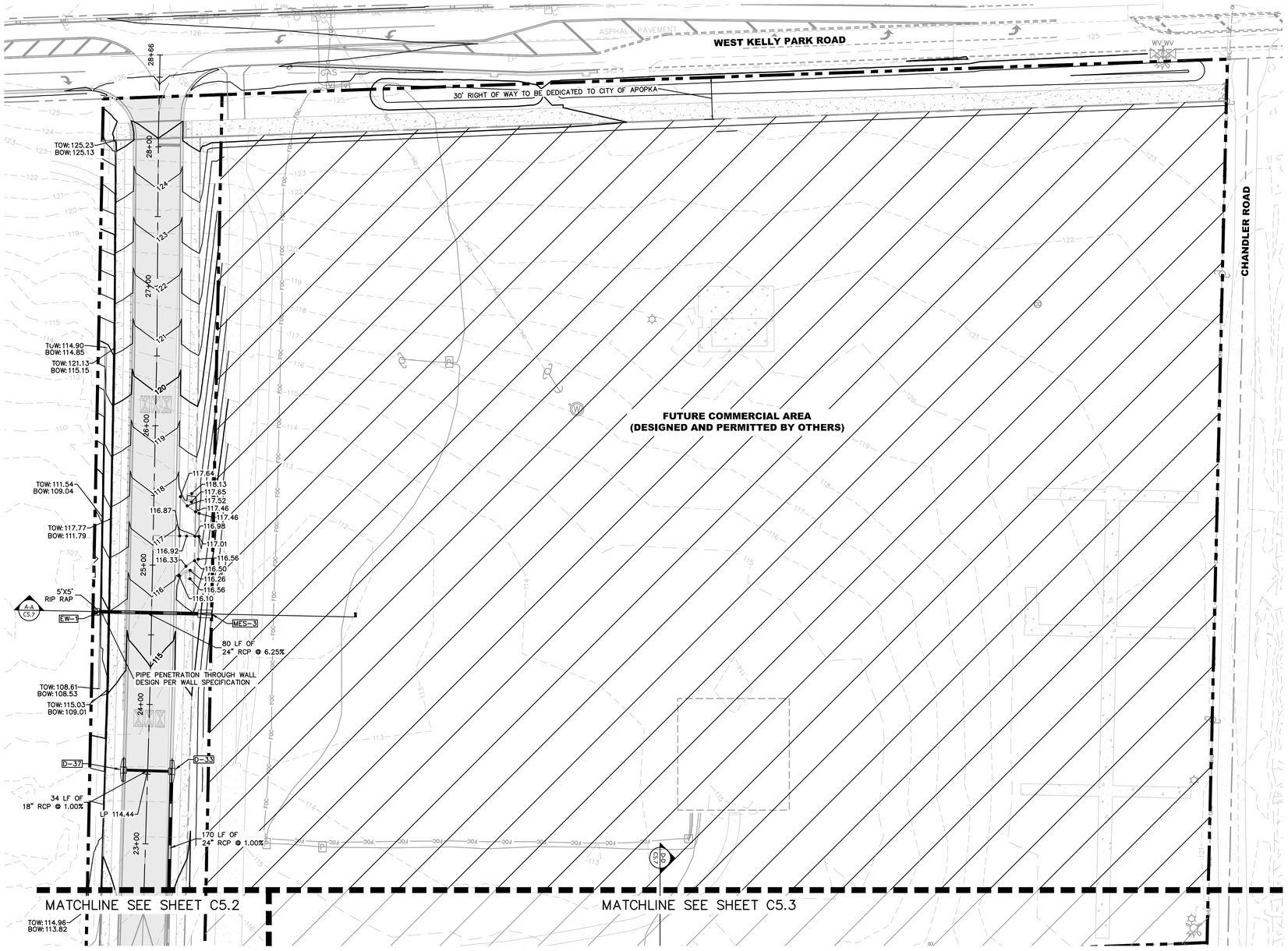
FLORIDA

CITY OF APOPKA

SHEET NUMBER
C5.0

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C5.0 OVERALL PGD PLAN.dwg C5.0 Apr 21, 2026 2:16pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:49-04'00'





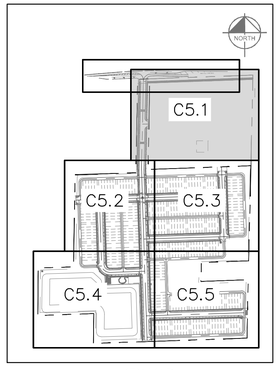
GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND

- PROJECT BOUNDARY
- BUILDING SETBACK
- LOT LINE
- EXISTING GRADES
- PROPOSED GRADES
- PROPOSED STORM PIPE
- PROPOSED GUARDRAIL
- PROPOSED STEM WALL (SHOWN FOR REFERENCE ONLY)
- PROPOSED STORM MANHOLE
- PROPOSED CURB INLET
- PROPOSED TYPE "V" INLET
- PROPOSED SIDEWALK
- PROPOSED HEAVY DUTY PAVEMENT
- PROPOSED LIGHT DUTY PAVEMENT
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)

STORM STRUCTURE TABLE

STRUCTURE NAME:	DETAILS:	ALIGNMENT:
D-33	STA: 23+52.49 (17.25 RT) TYPE "6" CURB INLET PER FDOT INDEX #425-021 TOP: 114.50 W. INV IN: 108.17 (18" RCP) S. INV OUT: 107.67 (24" RCP)	BLVD A
D-37	STA: 23+52.49 (-17.25 LT) TYPE "6" CURB INLET PER FDOT INDEX #425-021 TOP: 114.50 E. INV OUT: 108.51 (18" RCP)	BLVD A
EW-1	STA: 24+65.80 (-37.00 LT) STRAIGHT CONCRETE ENDWALL PER FDOT INDEX #430-030 TOP: 110.33 E. INV IN: 108.00 (24" RCP)	BLVD A
MES-3	STA: 24+65.80 (42.99 RT) MITERED END SECTION PER FDOT INDEX #430-021 TOP: 115.25 W. INV OUT: 113.00 (24" RCP)	BLVD A



KEY MAP
SCALE: 1" = 500'

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-423-2429
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84906
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HERE.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE/REGISTRATION #: P.E. 84906

K-H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

PAVING, GRADING & DRAINAGE PLAN

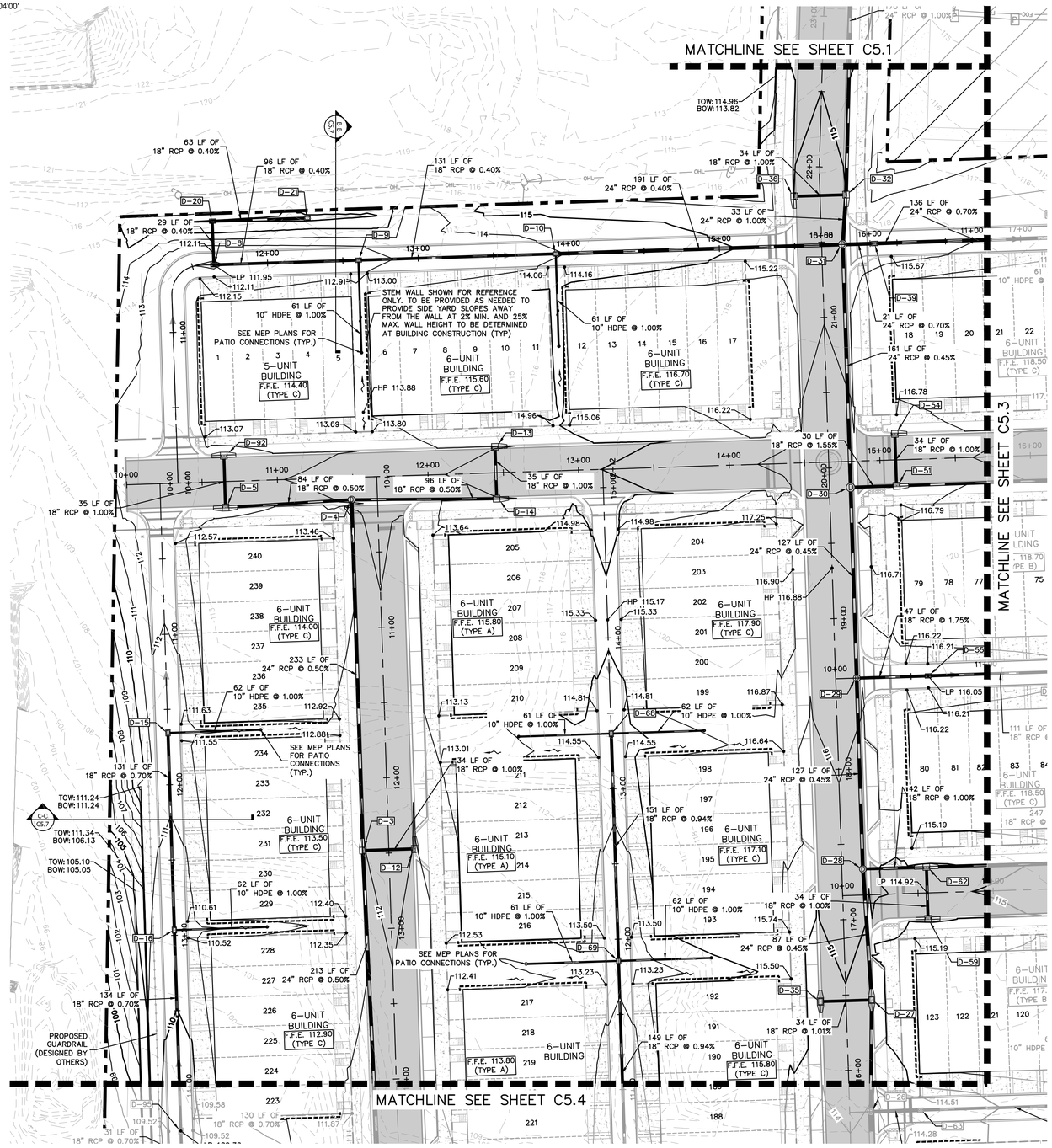
CHANDLER ROW

CITY OF APOPKA FLORIDA

SHEET NUMBER
C5.1

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C5.1 PGD PLAN.dwg C5.1 Apr 21, 2026 2:17pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:51-04'00'



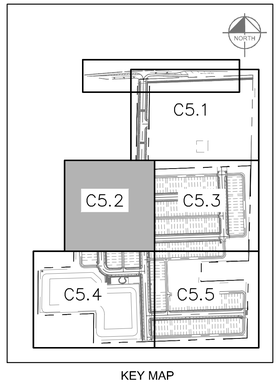
STORM STRUCTURE TABLE			STORM STRUCTURE TABLE		
STRUCTURE NAME:	DETAILS:	ALIGNMENT:	STRUCTURE NAME:	DETAILS:	ALIGNMENT:
D-3	STA: 12+47.72 (17.25 RT) TYPE "S" CURB INLET PER FDOT INDEX #425-021 TOP: 112.37 E. INV IN: 107.92 (18" RCP) N. INV IN: 101.60 (24" RCP) S. INV OUT: 101.60 (24" RCP)	ROAD B	D-30	STA: 19+86.73 (14.00 RT) TYPE "P7" MANHOLE PER FDOT INDEX #425-010 TOP: 116.42 N. INV IN: 104.90 (24" RCP) E. INV IN: 106.94 (18" RCP) S. INV OUT: 104.90 (24" RCP)	BLVD A
D-4	STA: 10+14.75 (17.25 RT) TYPE "P7" MANHOLE PER FDOT INDEX #425-010 TOP: 113.10 E. INV IN: 103.27 (18" RCP) W. INV IN: 103.40 (18" RCP) S. INV OUT: 102.77 (24" RCP)	ROAD B	D-31	STA: 21+47.98 (14.00 RT) TYPE "P7" MANHOLE PER FDOT INDEX #425-010 TOP: 115.38 N. INV IN: 105.63 (24" RCP) E. INV IN: 107.83 (24" RCP) W. INV IN: 105.63 (24" RCP) S. INV OUT: 105.63 (24" RCP)	BLVD A
D-5	STA: 10+64.99 (17.25 RT) TYPE "6" CURB INLET PER FDOT INDEX #425-021 TOP: 112.89 N. INV IN: 104.23 (18" RCP) E. INV OUT: 103.82 (18" RCP)	ROAD A	D-32	STA: 21+80.98 (17.25 RT) TYPE "S" CURB INLET PER FDOT INDEX #425-021 TOP: 115.50 N. INV IN: 105.96 (24" RCP) W. INV IN: 107.21 (18" RCP) S. INV OUT: 105.96 (24" RCP)	BLVD A
D-8	STA: 11+64.24 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 111.95 N. INV IN: 107.80 (18" RCP) E. INV OUT: 107.80 (18" RCP)	ALLEY ABC	D-35	STA: 16+46.23 (–17.00 LT) TYPE "V" INLET PER FDOT INDEX #425-041 TOP: 114.59 E. INV OUT: 108.25 (18" RCP)	BLVD A
D-9	STA: 12+60.35 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 112.80 W. INV IN: 107.42 (18" RCP) S. INV IN: 108.55 (10" HDPE) E. INV OUT: 107.42 (18" RCP)	ALLEY ABC	D-36	STA: 21+80.98 (–17.25 LT) TYPE "S" CURB INLET PER FDOT INDEX #425-021 TOP: 115.50 E. INV OUT: 107.56 (18" RCP)	BLVD A
D-10	STA: 13+91.35 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 113.95 W. INV IN: 106.89 (18" RCP) S. INV IN: 109.70 (10" HDPE) E. INV OUT: 106.39 (24" RCP)	ALLEY ABC	D-39	STA: 16+02.86 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 115.42 E. INV IN: 107.98 (24" RCP) W. INV OUT: 107.98 (24" RCP)	ALLEY ABC
D-12	STA: 12+47.72 (–17.25 LT) TYPE "S" CURB INLET PER FDOT INDEX #425-021 TOP: 112.39 W. INV OUT: 108.26 (18" RCP)	ROAD B	D-51	STA: 15+10.50 (17.25 RT) TYPE "S" CURB INLET PER FDOT INDEX #425-021 TOP: 116.57 N. INV IN: 111.84 (18" RCP) E. INV IN: 107.41 (18" RCP) W. INV OUT: 107.41 (18" RCP)	ROAD A
D-13	STA: 12+45.00 (–17.25 LT) TYPE "S" CURB INLET PER FDOT INDEX #425-021 TOP: 114.38 S. INV OUT: 104.09 (18" RCP)	ROAD A	D-54	STA: 15+10.50 (–17.25 LT) TYPE "S" CURB INLET PER FDOT INDEX #425-021 TOP: 116.57 S. INV OUT: 112.19 (18" RCP)	ROAD A
D-14	STA: 12+45.00 (17.25 RT) TYPE "S" CURB INLET PER FDOT INDEX #425-021 TOP: 114.38 N. INV IN: 103.75 (18" RCP) W. INV OUT: 103.75 (18" RCP)	ROAD A	D-55	STA: 10+61.34 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 116.05 E. INV IN: 108.75 (18" RCP) W. INV OUT: 108.75 (18" RCP)	ALLEY F
D-15	STA: 11+65.50 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 111.43 E. INV IN: 107.30 (10" HDPE) S. INV OUT: 104.64 (18" RCP)	ALLEY D	D-59	STA: 10+56.09 (17.25 RT) TYPE "6" CURB INLET PER FDOT INDEX #425-021 TOP: 114.98 N. INV OUT: 110.59 (18" RCP)	ROAD C
D-16	STA: 12+96.50 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 110.41 N. INV IN: 103.73 (18" RCP) E. INV IN: 106.75 (10" HDPE) S. INV OUT: 103.73 (18" RCP)	ALLEY D	D-62	STA: 10+56.09 (–17.25 LT) TYPE "6" CURB INLET PER FDOT INDEX #425-021 TOP: 114.98 S. INV IN: 110.25 (18" RCP) E. INV IN: 107.12 (18" RCP) W. INV OUT: 107.12 (18" RCP)	ROAD C
D-20	STA: 11+64.24 (–29.00 LT) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 114.90 E. INV IN: 107.92 (18" RCP) S. INV OUT: 107.92 (18" RCP)	ALLEY ABC	D-68	STA: 13+36.50 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 114.52 W. INV IN: 108.95 (10" HDPE) E. INV IN: 111.05 (10" HDPE) S. INV OUT: 107.82 (18" RCP)	ALLEY E
D-21	STA: 12+27.32 (–29.00 LT) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 114.53 W. INV OUT: 108.17 (18" RCP)	ALLEY ABC	D-69	STA: 11+85.50 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 113.21 N. INV IN: 106.41 (18" RCP) W. INV IN: 107.90 (10" HDPE) E. INV IN: 110.00 (10" HDPE) S. INV OUT: 106.41 (18" RCP)	ALLEY E
D-27	STA: 16+46.23 (17.00 RT) TYPE "V" INLET PER FDOT INDEX #425-041 TOP: 114.59 N. INV IN: 103.36 (24" RCP) W. INV IN: 107.91 (18" RCP) S. INV OUT: 103.36 (24" RCP)	BLVD A	D-92	STA: 10+64.99 (–17.25 LT) TYPE "6" CURB INLET PER FDOT INDEX #425-021 TOP: 112.89 S. INV OUT: 104.57 (18" RCP)	ROAD A
D-28	STA: 17+33.23 (14.00 RT) TYPE "P7" MANHOLE PER FDOT INDEX #425-010 TOP: 115.29 N. INV IN: 103.75 (24" RCP) E. INV IN: 106.70 (18" RCP) S. INV OUT: 103.75 (24" RCP)	BLVD A			
D-29	STA: 18+59.98 (14.00 RT) TYPE "P7" MANHOLE PER FDOT INDEX #425-010 TOP: 116.24 N. INV IN: 104.33 (24" RCP) E. INV IN: 107.92 (18" RCP) S. INV OUT: 104.33 (24" RCP)	BLVD A			

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND

- PROJECT BOUNDARY
- BUILDING SETBACK
- LOT LINE
- 100 EXISTING GRADES
- 100 PROPOSED GRADES
- PROPOSED STORM PIPE
- PROPOSED GUARDRAIL
- PROPOSED STEM WALL (SHOWN FOR REFERENCE ONLY)
- PROPOSED STORM MANHOLE
- PROPOSED CURB INLET
- PROPOSED TYPE "V" INLET
- PROPOSED SIDEWALK
- PROPOSED HEAVY DUTY PAVEMENT
- PROPOSED LIGHT DUTY PAVEMENT
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)



KEY MAP
SCALE: 1" = 500'

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-622-2600
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
GRANT K. ZAPATA, P.E. LICENSE NUMBER 84496, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSED NO. 84496
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE NUMBER: FL P.E. 89496

K-H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

PAVING, GRADING & DRAINAGE PLAN

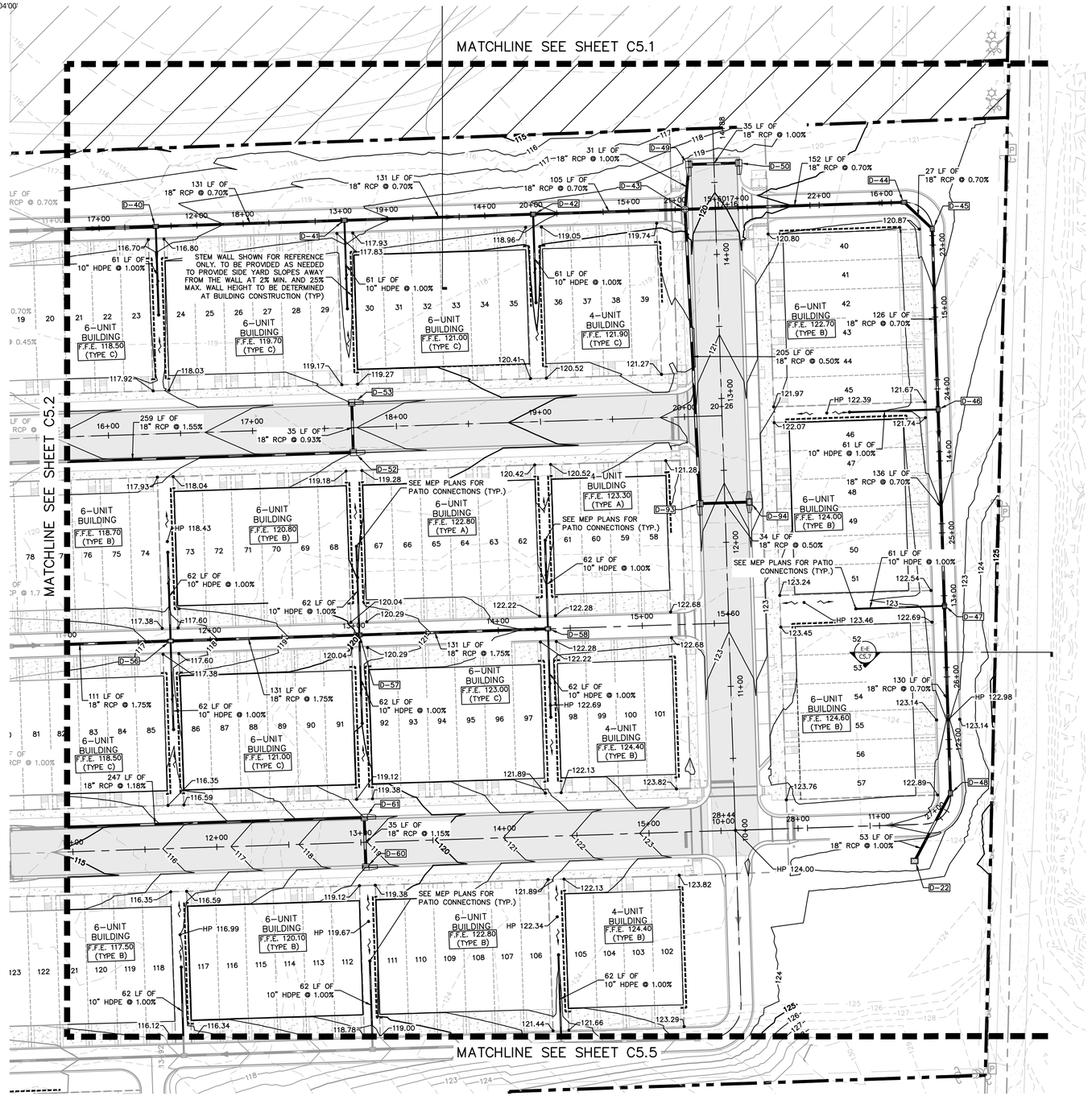
CHANDLER ROW

CITY OF APOPKA FLORIDA

SHEET NUMBER
C5.2

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C5.1 PGD PLAN.dwg C5.2 Apr 21, 2026 2:17pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:54-04'00'
Brian S Ashby

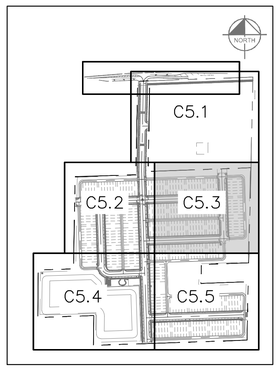


STORM STRUCTURE TABLE		
STRUCTURE NAME:	DETAILS:	ALIGNMENT:
D-22	STA: 27+19.97 (–25.30 LT) TYPE "D" INLET PER FDOT INDEX #425-052 TOP: 122.00 NE. INV OUT: 116.51 (18" RCP)	ALLEY ABC
D-40	STA: 17+39.36 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 116.59 E. INV IN: 109.43 (18" RCP) S. INV IN: 112.75 (10" HDPE) W. INV OUT: 108.93 (24" RCP)	ALLEY ABC
D-41	STA: 18+70.36 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 117.72 E. INV IN: 110.35 (18" RCP) S. INV IN: 114.10 (10" HDPE) W. INV OUT: 110.35 (18" RCP)	ALLEY ABC
D-42	STA: 20+01.36 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 118.85 E. INV IN: 111.27 (18" RCP) S. INV IN: 115.25 (10" HDPE) W. INV OUT: 111.27 (18" RCP)	ALLEY ABC
D-43	STA: 21+06.86 (0.00) TYPE "P7" MANHOLE PER FDOT INDEX #425-010 TOP: 119.77 E. INV IN: 112.01 (18" RCP) N. INV IN: 112.57 (18" RCP) S. INV IN: 115.88 (18" RCP) W. INV OUT: 112.01 (18" RCP)	ALLEY ABC
D-44	STA: 22+58.86 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 120.51 SE. INV IN: 113.06 (18" RCP) W. INV OUT: 113.06 (18" RCP)	ALLEY ABC
D-45	STA: 22+88.70 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 120.71 S. INV IN: 113.25 (18" RCP) NW. INV OUT: 113.25 (18" RCP)	ALLEY ABC
D-46	STA: 24+14.20 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 121.55 W. INV IN: 116.85 (10" HDPE) S. INV IN: 114.13 (18" RCP) N. INV OUT: 114.13 (18" RCP)	ALLEY ABC
D-47	STA: 25+50.70 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 122.45 S. INV IN: 115.08 (18" RCP) W. INV IN: 117.40 (10" HDPE) N. INV OUT: 115.08 (18" RCP)	ALLEY ABC
D-48	STA: 26+80.77 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 122.72 SW. INV IN: 115.98 (18" RCP) N. INV OUT: 115.98 (18" RCP)	ALLEY ABC
D-49	STA: 14+63.06 (–17.25 LT) TYPE "S" CURB INLET PER FDOT INDEX #425-021 TOP: 119.97 E. INV IN: 112.88 (18" RCP) S. INV OUT: 112.88 (18" RCP)	ROAD D
D-50	STA: 14+63.00 (17.25 RT) TYPE "S" CURB INLET PER FDOT INDEX #425-021 TOP: 119.98 W. INV OUT: 113.23 (18" RCP)	ROAD D
D-52	STA: 17+69.50 (17.25 RT) TYPE "S" CURB INLET PER FDOT INDEX #425-021 TOP: 119.03 N. INV IN: 114.43 (18" RCP) W. INV OUT: 111.43 (18" RCP)	ROAD A
D-53	STA: 17+69.50 (–17.25 LT) TYPE "S" CURB INLET PER FDOT INDEX #425-021 TOP: 119.03 S. INV OUT: 114.75 (18" RCP)	ROAD A

STORM STRUCTURE TABLE		
STRUCTURE NAME:	DETAILS:	ALIGNMENT:
D-55	STA: 10+61.34 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 116.05 E. INV IN: 108.75 (18" RCP) W. INV OUT: 108.75 (18" RCP)	ALLEY F
D-56	STA: 11+72.50 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 117.33 E. INV IN: 110.70 (18" RCP) N. INV IN: 113.40 (10" HDPE) S. INV IN: 112.85 (10" HDPE) W. INV OUT: 110.70 (18" RCP)	ALLEY F
D-57	STA: 13+03.50 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 119.99 E. INV IN: 112.99 (18" RCP) N. INV IN: 115.90 (10" HDPE) S. INV IN: 114.90 (10" HDPE) W. INV OUT: 112.99 (18" RCP)	ALLEY F
D-58	STA: 14+34.50 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 122.09 N. INV IN: 117.30 (10" HDPE) S. INV IN: 117.05 (10" HDPE) W. INV OUT: 115.28 (18" RCP)	ALLEY F
D-59	STA: 10+56.09 (17.25 RT) TYPE "6" CURB INLET PER FDOT INDEX #425-021 TOP: 114.98 N. INV OUT: 110.59 (18" RCP)	ROAD C
D-60	STA: 13+02.88 (17.25 RT) TYPE "S" CURB INLET PER FDOT INDEX #425-021 TOP: 119.02 N. INV OUT: 110.44 (18" RCP)	ROAD C
D-61	STA: 13+02.88 (–17.25 LT) TYPE "S" CURB INLET PER FDOT INDEX #425-021 TOP: 119.02 S. INV IN: 110.04 (18" RCP) W. INV OUT: 110.04 (18" RCP)	ROAD C
D-62	STA: 10+56.09 (–17.25 LT) TYPE "6" CURB INLET PER FDOT INDEX #425-021 TOP: 114.98 S. INV IN: 110.25 (18" RCP) E. INV IN: 107.12 (18" RCP) W. INV OUT: 107.12 (18" RCP)	ROAD C
D-93	STA: 12+27.47 (–17.25 LT) TYPE "S" CURB INLET PER FDOT INDEX #425-021 TOP: 122.19 E. INV IN: 116.91 (18" RCP) N. INV OUT: 116.91 (18" RCP)	ROAD D
D-94	STA: 12+27.47 (17.00 RT) TYPE "V" INLET PER FDOT INDEX #425-041 TOP: 121.81 W. INV OUT: 117.08 (18" RCP)	ROAD D

LEGEND

- PROJECT BOUNDARY
- BUILDING SETBACK
- LOT LINE
- 100 EXISTING GRADES
- 100 PROPOSED GRADES
- PROPOSED STORM PIPE
- PROPOSED GUARDRAIL
- PROPOSED STEM WALL (SHOWN FOR REFERENCE ONLY)
- PROPOSED STORM MANHOLE
- PROPOSED CURB INLET
- PROPOSED TYPE "V" INLET
- PROPOSED SIDEWALK
- PROPOSED HEAVY DUTY PAVEMENT
- PROPOSED LIGHT DUTY PAVEMENT
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)



KEY MAP
SCALE: 1" = 500'

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-427-1500
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSED BUSINESS NUMBER #: FL EB 26606

K-H PROJECT: 249490000
DATE: 04/03/2026
SCALE: AS SHOWN
DESIGNED BY: BJW
DRAWN BY: SJP
CHECKED BY: BSA

PAVING, GRADING & DRAINAGE PLAN

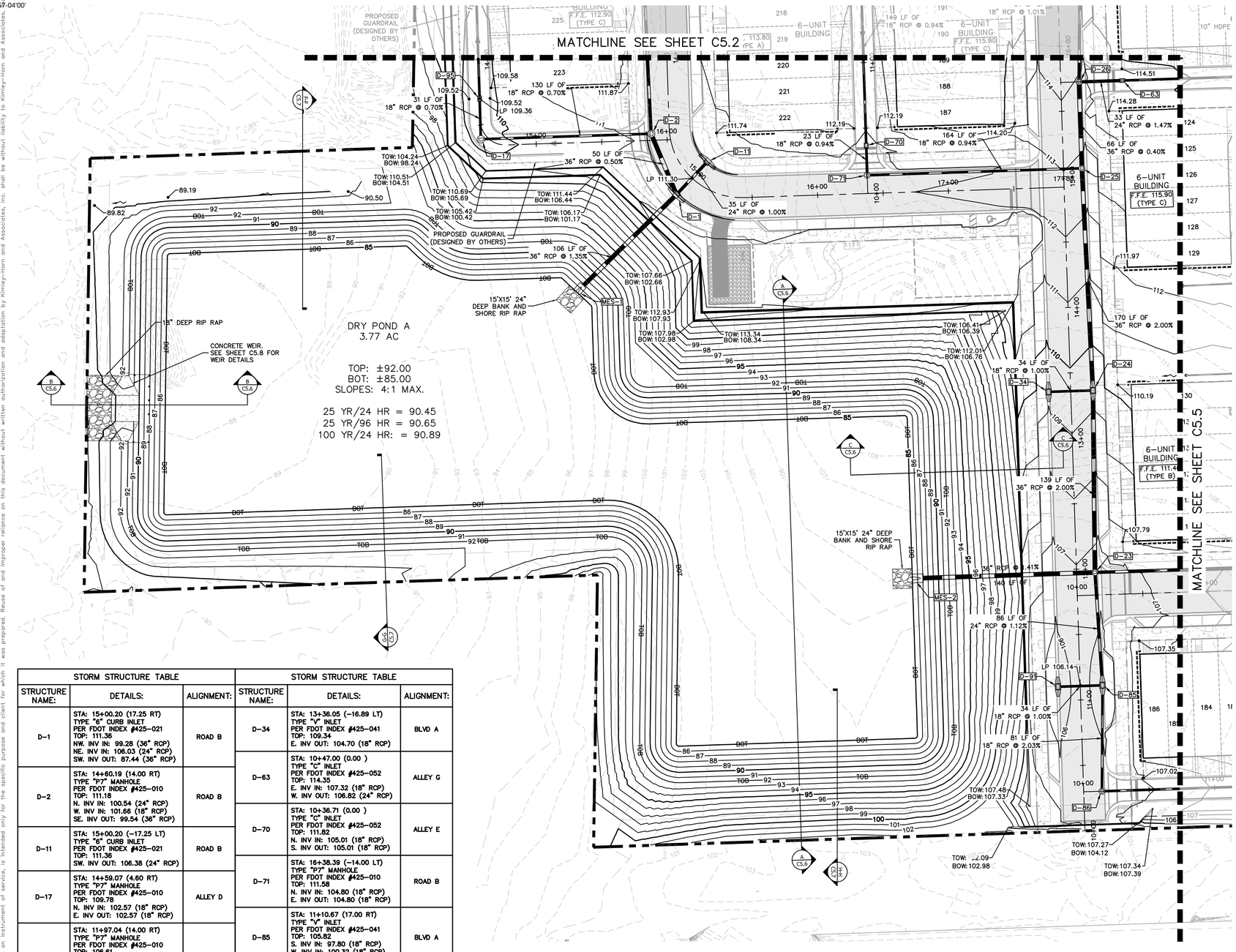
CHANDLER ROW

FLORIDA
CITY OF APOPKA

SHEET NUMBER
C5.3

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C5.1 PGD PLAN.dwg C5.3 Apr 21, 2026 2:17pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:17:57-04'00'



STORM STRUCTURE TABLE		
STRUCTURE NAME:	DETAILS:	ALIGNMENT:
D-1	STA: 15+00.20 (17.25 RT) TYPE "6" CURB INLET PER FDOT INDEX #425-021 TOP: 111.36 NW. INV IN: 99.28 (36" RCP) NE. INV IN: 106.03 (24" RCP) SW. INV OUT: 87.44 (36" RCP)	ROAD B
D-2	STA: 14+60.19 (14.00 RT) TYPE "P7" MANHOLE PER FDOT INDEX #425-010 TOP: 111.18 N. INV IN: 100.54 (24" RCP) W. INV IN: 101.66 (18" RCP) SE. INV OUT: 99.54 (36" RCP)	ROAD B
D-11	STA: 15+00.20 (-17.25 LT) TYPE "6" CURB INLET PER FDOT INDEX #425-021 TOP: 111.36 SW. INV OUT: 106.38 (24" RCP)	ROAD B
D-17	STA: 14+59.07 (4.60 RT) TYPE "P7" MANHOLE PER FDOT INDEX #425-010 TOP: 109.78 N. INV IN: 102.57 (18" RCP) E. INV OUT: 102.57 (18" RCP)	ALLEY D
D-23	STA: 11+97.04 (14.00 RT) TYPE "P7" MANHOLE PER FDOT INDEX #425-010 TOP: 106.61 S. INV IN: 96.33 (24" RCP) N. INV IN: 95.58 (36" RCP) E. INV IN: 99.34 (24" RCP) W. INV OUT: 87.96 (36" RCP)	BLVD A
D-24	STA: 13+36.04 (17.00 RT) TYPE "V" INLET PER FDOT INDEX #425-041 TOP: 109.33 W. INV IN: 104.36 (18" RCP) N. INV IN: 98.36 (36" RCP) S. INV OUT: 98.36 (36" RCP)	BLVD A
D-25	STA: 15+05.98 (14.00 RT) TYPE "P7" MANHOLE PER FDOT INDEX #425-010 TOP: 112.76 N. INV IN: 101.76 (36" RCP) W. INV IN: 103.26 (18" RCP) S. INV OUT: 101.76 (36" RCP)	BLVD A
D-26	STA: 15+71.98 (14.00 RT) TYPE "P7" MANHOLE PER FDOT INDEX #425-010 TOP: 113.92 N. INV IN: 103.02 (24" RCP) E. INV IN: 106.34 (24" RCP) S. INV OUT: 102.02 (36" RCP)	BLVD A

STORM STRUCTURE TABLE		
STRUCTURE NAME:	DETAILS:	ALIGNMENT:
D-34	STA: 13+36.05 (-16.89 LT) TYPE "V" INLET PER FDOT INDEX #425-041 TOP: 109.34 E. INV OUT: 104.70 (18" RCP)	BLVD A
D-63	STA: 10+47.00 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 114.35 E. INV IN: 107.32 (18" RCP) W. INV OUT: 106.82 (24" RCP)	ALLEY G
D-70	STA: 10+36.71 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 111.82 N. INV IN: 105.01 (18" RCP) S. INV OUT: 105.01 (18" RCP)	ALLEY E
D-71	STA: 16+38.39 (-14.00 LT) TYPE "P7" MANHOLE PER FDOT INDEX #425-010 TOP: 111.58 N. INV IN: 104.80 (18" RCP) E. INV OUT: 104.80 (18" RCP)	ROAD B
D-85	STA: 11+10.67 (17.00 RT) TYPE "V" INLET PER FDOT INDEX #425-041 TOP: 105.82 S. INV IN: 97.80 (18" RCP) W. INV IN: 100.32 (18" RCP) N. INV OUT: 97.30 (24" RCP)	BLVD A
D-86	STA: 10+29.78 (14.00 RT) TYPE "P7" MANHOLE PER FDOT INDEX #425-010 TOP: 106.42 E. INV IN: 99.44 (18" RCP) N. INV OUT: 99.44 (18" RCP)	BLVD A
D-91	STA: 11+10.67 (-17.00 LT) TYPE "V" INLET PER FDOT INDEX #425-041 TOP: 105.82 E. INV OUT: 100.66 (18" RCP)	BLVD A
D-95	STA: 14+30.00 (0.00) TYPE "C" INLET PER FDOT IN /52 TOP: 109.36 N. INV IN: 102.79 (18" RCP) S. INV OUT: 102.79 (18" RCP)	ALLEY D

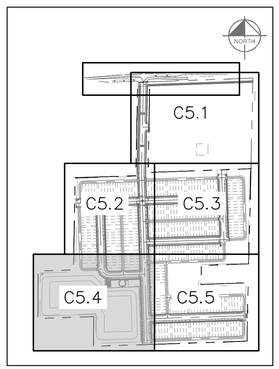
STORM STRUCTURE TABLE		
STRUCTURE NAME:	DETAILS:	ALIGNMENT:
MES-1	STA: 14+98.77 (123.66 RT) MITERED END SECTION PER FDOT INDEX #430-021 TOP: 89.33 NE. INV IN: 86.00 (36" RCP)	ROAD B
MES-2	STA: 11+96.91 (-125.50 LT) MITERED END SECTION PER FDOT INDEX #430-021 TOP: 89.33 E. INV IN: 86.00 (36" RCP)	BLVD A

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND

- PROJECT BOUNDARY
- BUILDING SETBACK
- LOT LINE
- EXISTING GRADES
- PROPOSED GRADES
- PROPOSED STORM PIPE
- PROPOSED GUARDRAIL
- PROPOSED STEM WALL (SHOWN FOR REFERENCE ONLY)
- PROPOSED STORM MANHOLE
- PROPOSED CURB INLET
- PROPOSED TYPE "V" INLET
- PROPOSED SIDEWALK
- PROPOSED HEAVY DUTY PAVEMENT
- PROPOSED LIGHT DUTY PAVEMENT
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)



KEY MAP
SCALE: 1" = 500'

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-623-4323
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREIN.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE NUMBER: 84496 P.E. FOR: 35106

K-H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

PAVING, GRADING & DRAINAGE PLAN

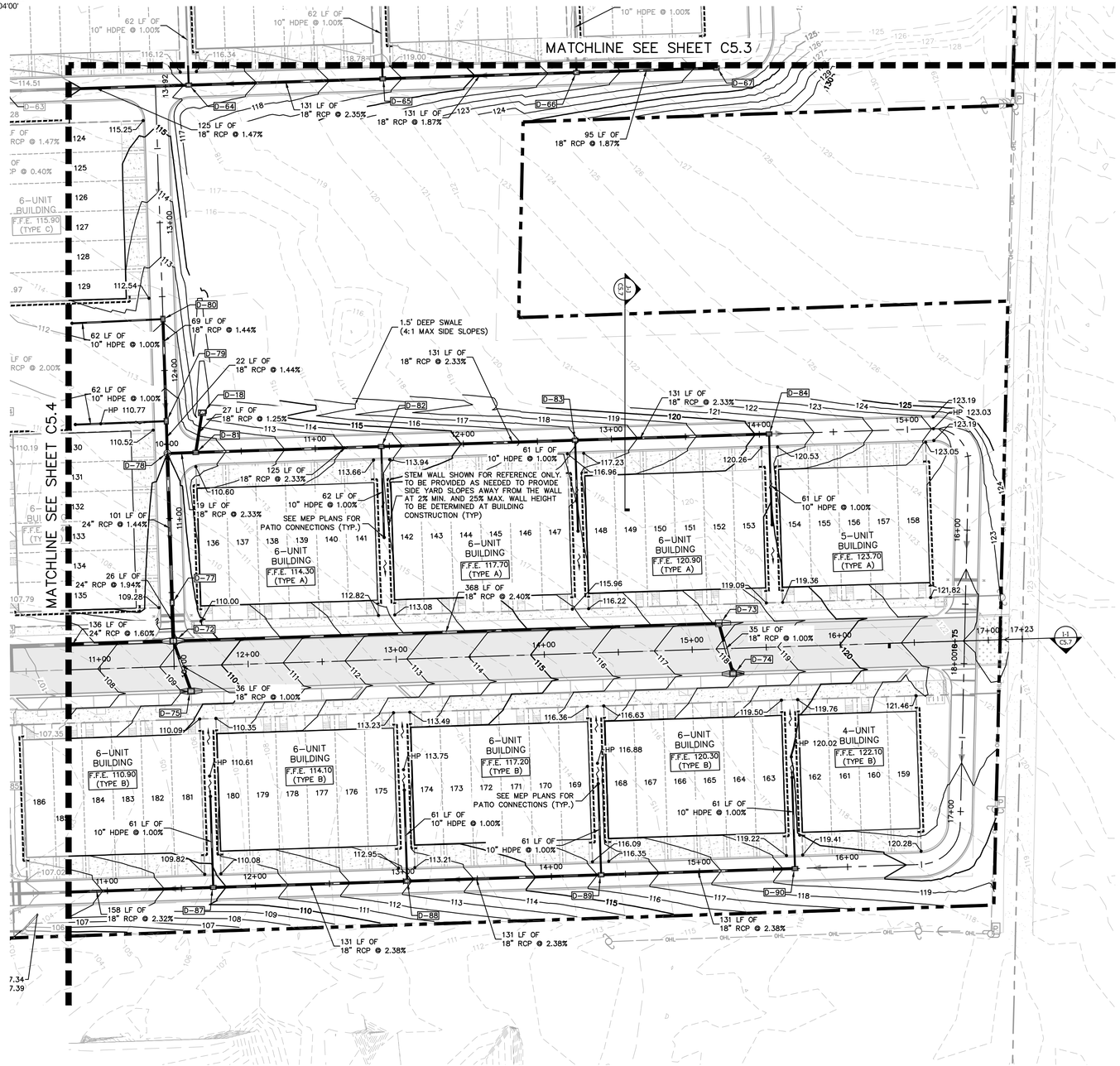
CHANDLER ROW

CITY OF APOPKA FLORIDA

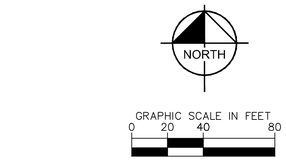
SHEET NUMBER
C5.4

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C5.1 PGD PLAN.dwg C5.4 Apr 21, 2026 2:18pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates,

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:00-04'00'
Brian S Ashby

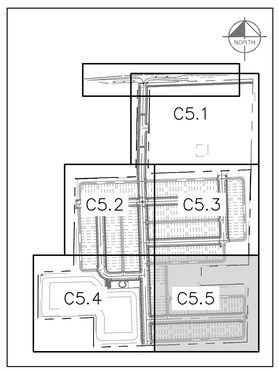


STORM STRUCTURE TABLE			STORM STRUCTURE TABLE		
STRUCTURE NAME:	DETAILS:	ALIGNMENT:	STRUCTURE NAME:	DETAILS:	ALIGNMENT:
D-18	STA: 10+24.33 (-26.67 LT) TYPE "D" INLET PER FDOT INDEX #425-052 TOP: 111.00 S. INV OUT: 104.76 (18" RCP)	ALLEY I	D-78	STA: 11+44.00 (0.00) TYPE "P7" MANHOLE PER FDOT INDEX #425-010 TOP: 110.00 E. INV IN: 103.97 (18" RCP) N. INV IN: 103.97 (18" RCP) S. INV OUT: 103.47 (24" RCP)	ALLEY H
D-23	STA: 11+97.04 (14.00 RT) TYPE "P7" MANHOLE PER FDOT INDEX #425-010 TOP: 106.61 S. INV IN: 96.33 (24" RCP) N. INV IN: 95.58 (36" RCP) E. INV IN: 99.34 (24" RCP) W. INV OUT: 87.96 (36" RCP)	BLVD A	D-79	STA: 11+65.74 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 110.49 N. INV IN: 104.29 (18" RCP) W. INV IN: 104.55 (10" HDPE) S. INV OUT: 104.29 (18" RCP)	ALLEY H
D-26	STA: 15+71.98 (14.00 RT) TYPE "P7" MANHOLE PER FDOT INDEX #425-010 TOP: 113.92 N. INV IN: 103.02 (24" RCP) E. INV IN: 106.34 (24" RCP) S. INV OUT: 102.02 (36" RCP)	BLVD A	D-80	STA: 12+34.75 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 112.05 W. INV IN: 107.85 (10" HDPE) S. INV OUT: 105.28 (18" RCP)	ALLEY H
D-63	STA: 10+47.00 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 114.35 E. INV IN: 107.32 (18" RCP) W. INV OUT: 106.82 (24" RCP)	ALLEY G	D-81	STA: 10+19.26 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 110.48 E. INV IN: 104.42 (18" RCP) N. INV IN: 104.42 (18" RCP) W. INV OUT: 104.42 (18" RCP)	ALLEY I
D-64	STA: 11+72.50 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 116.07 E. INV IN: 109.16 (18" RCP) N. INV IN: 112.35 (10" HDPE) W. INV OUT: 109.16 (18" RCP)	ALLEY G	D-82	STA: 11+44.50 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 113.64 S. INV IN: 109.40 (10" HDPE) E. INV IN: 107.34 (18" RCP) W. INV OUT: 107.34 (18" RCP)	ALLEY I
D-65	STA: 13+03.50 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 118.73 E. INV IN: 112.24 (18" RCP) N. INV IN: 114.90 (10" HDPE) W. INV OUT: 112.24 (18" RCP)	ALLEY G	D-83	STA: 12+75.50 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 116.94 S. INV IN: 112.70 (10" HDPE) E. INV IN: 110.40 (18" RCP) W. INV OUT: 110.40 (18" RCP)	ALLEY I
D-66	STA: 14+34.50 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 121.39 E. INV IN: 114.68 (18" RCP) N. INV IN: 117.05 (10" HDPE) W. INV OUT: 114.68 (18" RCP)	ALLEY G	D-84	STA: 14+06.50 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 120.23 S. INV IN: 115.75 (10" HDPE) W. INV OUT: 113.46 (18" RCP)	ALLEY I
D-67	STA: 15+29.00 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 123.17 W. INV OUT: 116.45 (18" RCP)	ALLEY G	D-85	STA: 11+10.67 (17.00 RT) TYPE "V" INLET PER FDOT INDEX #425-041 TOP: 105.82 S. INV IN: 97.80 (18" RCP) W. INV IN: 100.32 (18" RCP) N. INV OUT: 97.30 (24" RCP)	BLVD A
D-72	STA: 11+50.00 (-17.25 LT) TYPE "V" INLET PER FDOT INDEX #425-041 TOP: 108.89 E. INV IN: 102.02 (18" RCP) N. INV IN: 101.52 (24" RCP) S. INV IN: 104.95 (18" RCP) W. INV OUT: 101.52 (24" RCP)	ROAD E	D-87	STA: 11+71.53 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 109.79 N. INV IN: 105.70 (10" HDPE) E. INV IN: 103.09 (18" RCP) W. INV OUT: 103.09 (18" RCP)	ALLEY J
D-73	STA: 15+18.50 (-17.25 LT) TYPE "S" CURB INLET PER FDOT INDEX #425-021 TOP: 118.11 S. INV IN: 113.73 (18" RCP) W. INV OUT: 110.86 (18" RCP)	ROAD E	D-88	STA: 13+02.53 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 112.92 N. INV IN: 108.85 (10" HDPE) E. INV IN: 106.21 (18" RCP) W. INV OUT: 106.21 (18" RCP)	ALLEY J
D-74	STA: 15+27.02 (17.00 RT) TYPE "V" INLET PER FDOT INDEX #425-041 TOP: 117.94 N. INV OUT: 114.08 (18" RCP)	ROAD E	D-89	STA: 14+33.53 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 116.06 N. INV IN: 112.00 (10" HDPE) E. INV IN: 109.32 (18" RCP) W. INV OUT: 109.32 (18" RCP)	ALLEY J
D-75	STA: 11+60.84 (17.00 RT) TYPE "V" INLET PER FDOT INDEX #425-041 TOP: 109.18 N. INV OUT: 105.31 (18" RCP)	ROAD E	D-90	STA: 15+64.53 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 119.19 N. INV IN: 114.55 (10" HDPE) W. INV OUT: 112.43 (18" RCP)	ALLEY J
D-77	STA: 10+43.08 (0.00) TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 109.15 N. INV IN: 102.02 (24" RCP) S. INV OUT: 102.02 (24" RCP)	ALLEY H			



LEGEND

- PROJECT BOUNDARY
- BUILDING SETBACK
- LOT LINE
- 100 EXISTING GRADES
- 100 PROPOSED GRADES
- PROPOSED STORM PIPE
- PROPOSED GUARDRAIL
- PROPOSED STEM WALL (SHOWN FOR REFERENCE ONLY)
- PROPOSED STORM MANHOLE
- PROPOSED CURB INLET
- PROPOSED TYPE "V" INLET
- PROPOSED SIDEWALK
- PROPOSED HEAVY DUTY PAVEMENT
- PROPOSED LIGHT DUTY PAVEMENT
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)



KEY MAP
SCALE: 1" = 500'

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
GRANT A. ZAPPE, P.E. STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED. PRINTED COPIES OF THIS DOCUMENT SHOULD NOT BE CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE/REGISTRATION #: P.E. 85495

K-H PROJECT	
249490000	
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

PAVING, GRADING & DRAINAGE PLAN

CHANDLER ROW

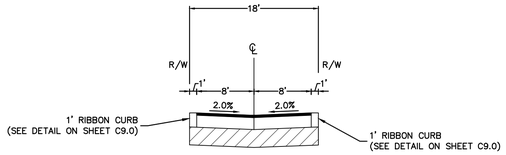
FLORIDA

CITY OF APOPKA

SHEET NUMBER
C5.5

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C5.1 PGD PLAN.dwg C5.5 Apr 21, 2026 2:18pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

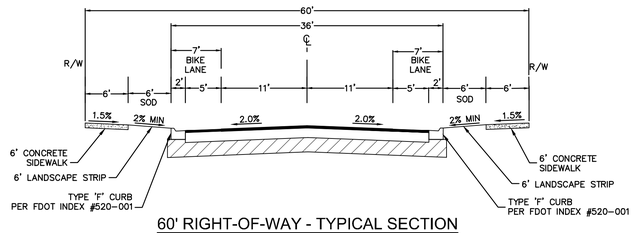
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:02-04'00'
Brian S Ashby



18' TYPICAL ALLEY SECTION

N.T.S.

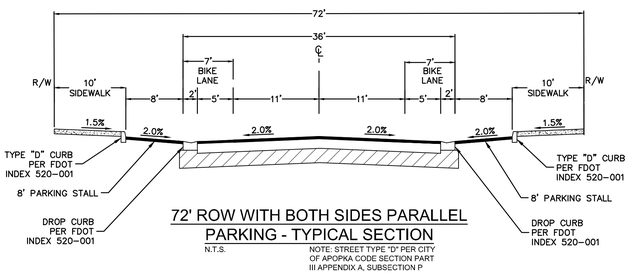
NOTE: STREET TYPE "F" PER CITY OF APOPKA CODE SECTION PART III APPENDIX A, SUBSECTION P



60' RIGHT-OF-WAY - TYPICAL SECTION

N.T.S.

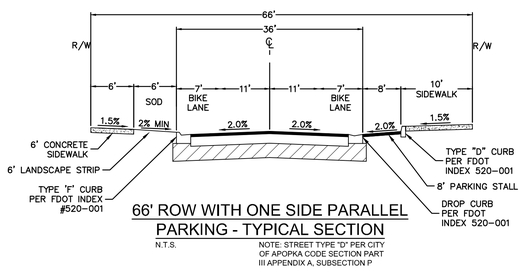
NOTE: STREET TYPE "D" PER CITY OF APOPKA CODE SECTION PART III APPENDIX A, SUBSECTION P



72' ROW WITH BOTH SIDES PARALLEL PARKING - TYPICAL SECTION

N.T.S.

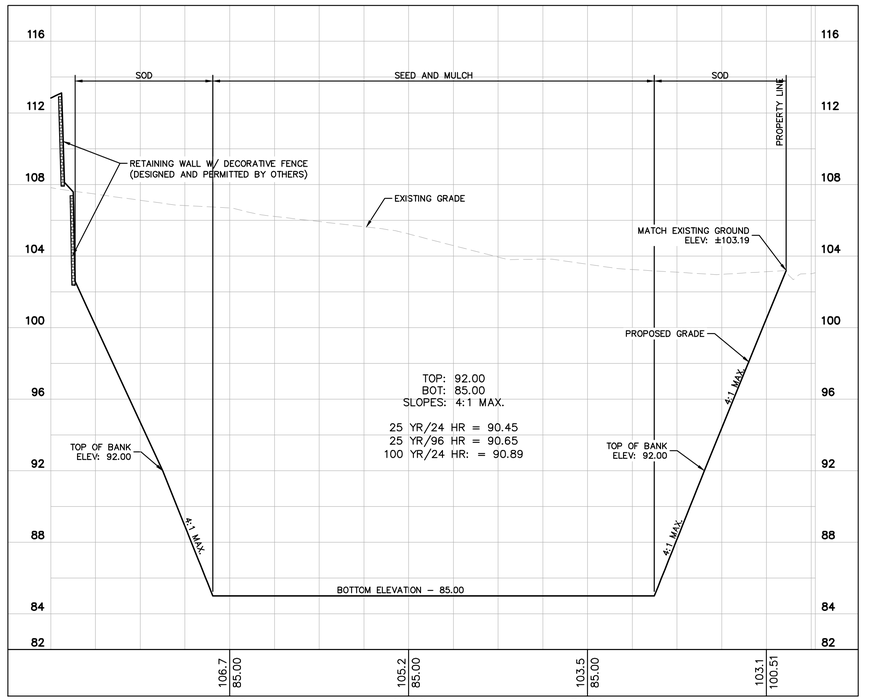
NOTE: STREET TYPE "D" PER CITY OF APOPKA CODE SECTION PART III APPENDIX A, SUBSECTION P



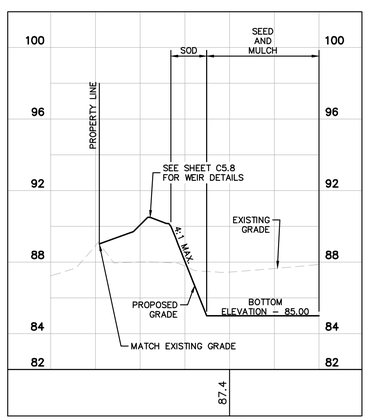
66' ROW WITH ONE SIDE PARALLEL PARKING - TYPICAL SECTION

N.T.S.

NOTE: STREET TYPE "D" PER CITY OF APOPKA CODE SECTION PART III APPENDIX A, SUBSECTION P

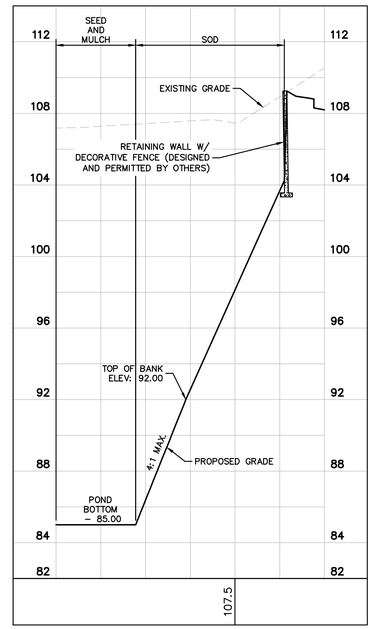


TYPICAL POND SECTION A-A DRY RETENTION POND



TYPICAL POND SECTION B-B DRY RETENTION POND

POND DATA	ELEVATION
TOP ELEV.	92.00
BOTTOM	85.00
STORM	MAX. STAGE
25YR–24HR	90.45
25YR–96HR	90.65
100YR–24HR	90.89



TYPICAL POND SECTION C-C DRY RETENTION POND

GRAPHIC SCALE IN FEET
0 20 40 80
HORIZONTAL

0 2 4 8
VERTICAL

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.

6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-602-0423
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NAME: BRIAN S. ASHBY
LICENSED DESIGN PROFESSIONAL #: PE 84496

K–H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

TYPICAL SECTIONS

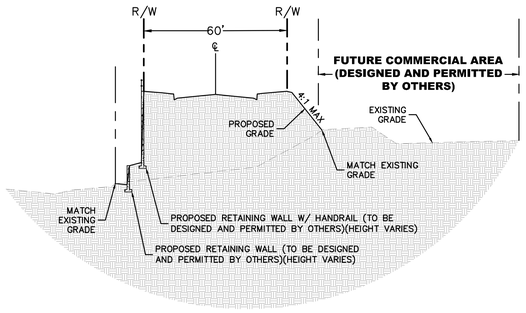
CHANDLER ROW

CITY OF APOPKA FLORIDA

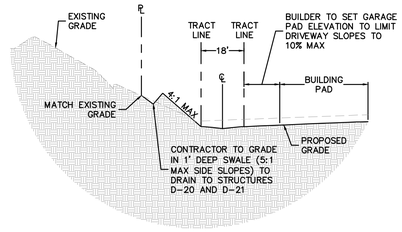
SHEET NUMBER
C5.6

Plotted By:Powers, Steven Sheet Set:Kelly Park – CSP Layout:C5.6 TYPICAL SECTIONS April 21, 2026 02:18:42pm K:\Orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets – csp\C5.6 TYPICAL SECTIONS.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adoption by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

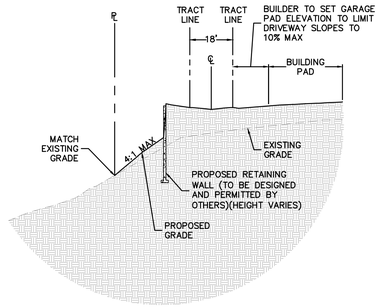
Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:03-04'00'



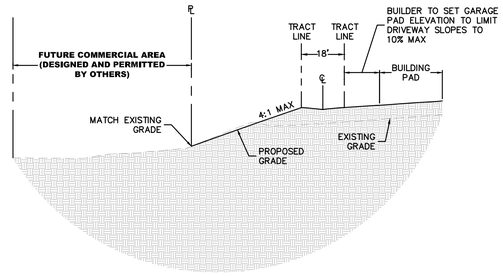
SECTION A-A
N.T.S.



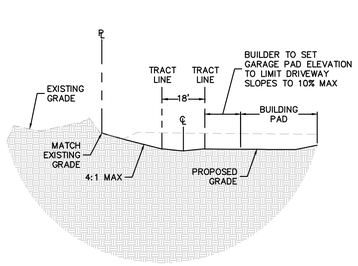
SECTION B-B
N.T.S.



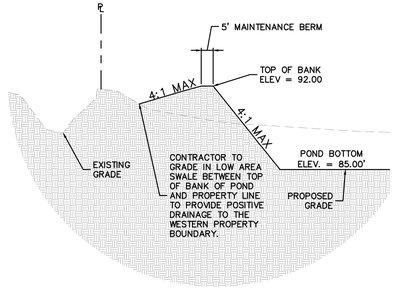
SECTION C-C
N.T.S.



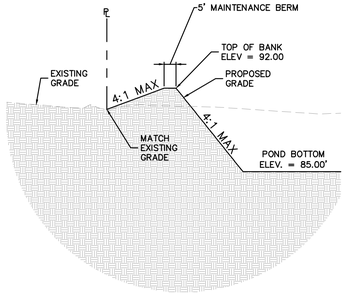
SECTION D-D
N.T.S.



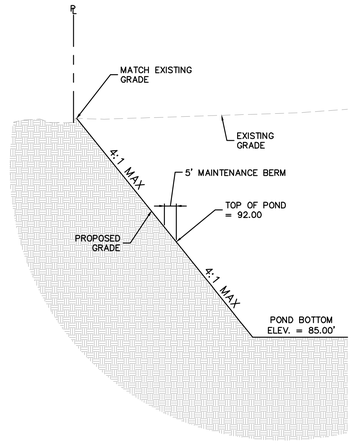
SECTION E-E
N.T.S.



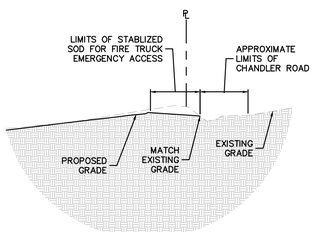
SECTION F-F
N.T.S.



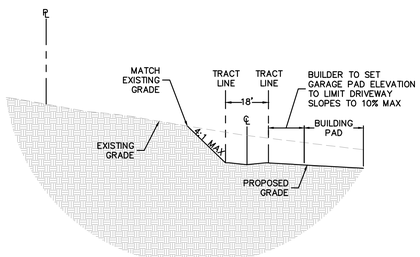
SECTION G-G
N.T.S.



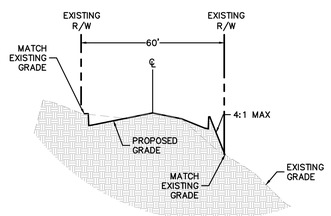
SECTION H-H
N.T.S.



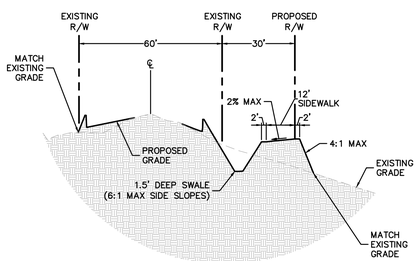
SECTION I-I
N.T.S.



SECTION J-J
N.T.S.



SECTION OA-OA
N.T.S.



SECTION OB-OB
N.T.S.

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-623-4323
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84456
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

K-H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

NAME: BRIAN S. ASHBY
SIGNED/SEALED ON: 04/06/26
LICENSE/REGISTRATION #: FL PE 84456

SECTIONS

CHANDLER ROW

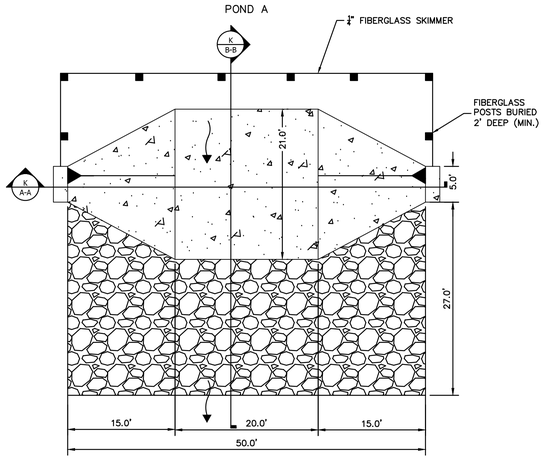
FLORIDA
CITY OF APOPKA

SHEET NUMBER
C5.7

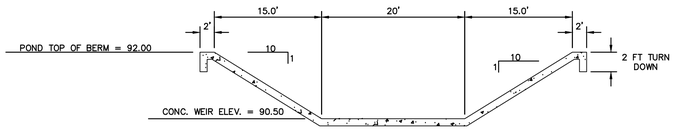
Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C5.8 CROSS SECTIONS.dwg C5.7 - TYPICAL SECTIONS Apr 21, 2026 2:19pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:05-04'00'

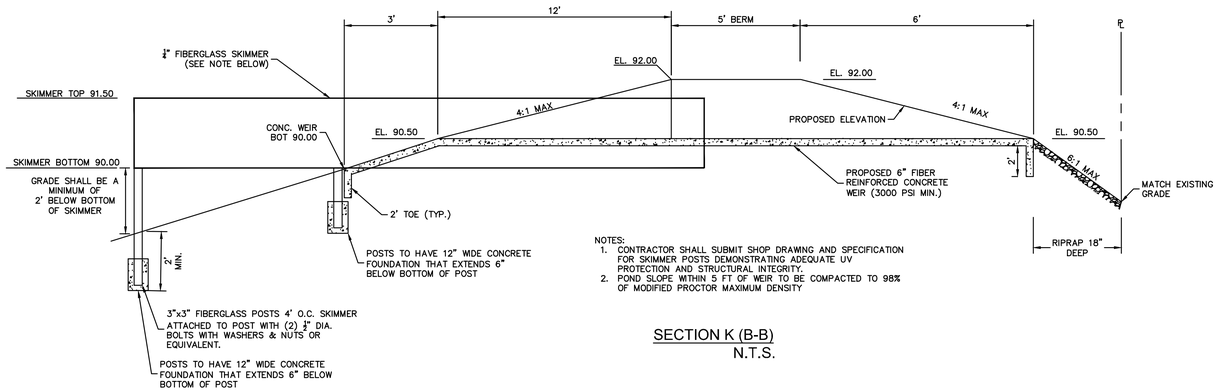
POND A



SECTION K CONCRETE WEIR (POND A)
N.T.S.



SECTION K (A-A) (POND A)
N.T.S.



NOTES:
1. CONTRACTOR SHALL SUBMIT SHOP DRAWING AND SPECIFICATION FOR SKIMMER POSTS DEMONSTRATING ADEQUATE UV PROTECTION AND STRUCTURAL INTEGRITY.
2. POND SLOPE WITHIN 5 FT OF WEIR TO BE COMPACTED TO 98% OF MODIFIED PROCTOR MAXIMUM DENSITY

SECTION K (B-B)
N.T.S.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-602-0423
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84456
THE ITEMS OR PROCESSES WERE SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HERE.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

NAME: BRIAN S. ASHBY
LICENSE NUMBER: FLORIDA P.E. NO. 84456

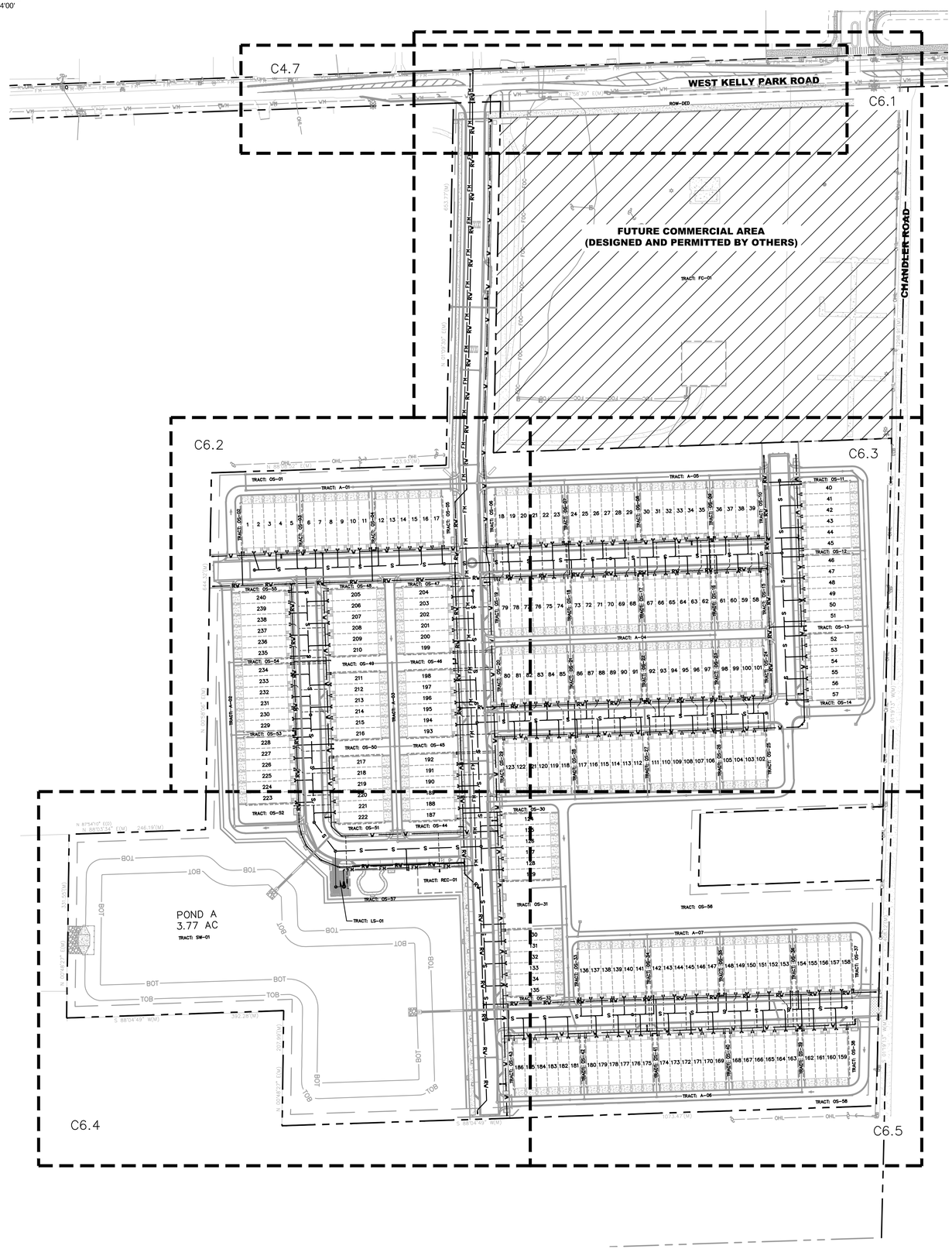
POND DETAILS

CHANDLER ROW
CITY OF APOPKA FLORIDA

SHEET NUMBER
C5.8

Plotted By: Powers, Steven Sheet Set: Kelly Park – CSP Layout: C5.7 POND DETAILS April 21, 2026 02:19:22pm K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets – csp\C5.7 CONTROL STRUCTURES DETAILS.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adoption by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:07-04'00'



GENERAL UTILITY NOTES:

1. THE ELEVATIONS AS SHOWN HEREON ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1988
2. ALL UTILITIES (INCLUDING PUMP STATION) LOCATED OUTSIDE PUBLIC RIGHT-OF-WAYS AND PUBLIC EASEMENTS SHALL BE PRIVATELY OWNED AND MAINTAINED.
3. MAINTAIN A MINIMUM OF 3 FEET OF COVER OVER ALL PROPOSED WATER, WASTEWATER, AND RECLAIMED WATER LINES.
4. CONTRACTOR TO COORDINATE PROPOSED TRANSFORMER LOCATIONS AND ELECTRIC SERVICE WITH POWER COMPANY AND OWNER. TRANSFORMERS AND SERVICE LINES SHOWN FOR INFORMATIONAL PURPOSES ONLY. DESIGNED BY OTHERS.
5. CONTRACTOR TO COORDINATE TELECOMMUNICATION SERVICE LINES WITH SERVICE PROVIDER AND OWNER. DESIGNED & PERMITTED BY OTHERS.

GENERAL FIRE SERVICE NOTES:

1. ALL UNDERGROUND MAINS SERVING FIRE HYDRANTS OR FIRE PROTECTION SPRINKLER SYSTEMS ON PRIVATE PROPERTY MUST BE PERMITTED PRIOR TO INSTALLATION. THE DRAWING SHALL INDICATE THAT ALL UNDERGROUND FIRE MAINS WILL BE INSTALLED IN ACCORDANCE WITH NFPA 24: "STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES" (LATEST ED.). [F.A.C. 69A-60.005(2)]
2. ALL FIRE SERVICE MAIN LOCATED DOWNSTREAM OF THE FIRE POINT OF SERVICE (POS) SHALL BE INSTALLED BY A QUALIFIED AND LICENSED CONTRACTOR. CONSTRUCTION AND MATERIALS SHALL COMPLY WITH APPLICABLE FIRE CODE. CONTRACTOR TO VERIFY REQUIREMENTS WITH CITY OF APOPKA UTILITIES AND CITY OF APOPKA FIRE MARSHALL PRIOR TO SHOP DRAWING REVIEW.
3. THE PROPOSED FIRE AND LIFE SAFETY SYSTEMS SHALL FOLLOW CURRENT NFPA AND FLORIDA FIRE PREVENTION CODE 8TH EDITION.
4. THIS UTILITY PLAN SHOULD NOT BE CONSIDERED A FIRE PROTECTION DOCUMENT AS REQUIRED BY NFPA 24. FIRE PROTECTION ENGINEERING DOCUMENTS PER NFPA 24 ARE REQUIRED TO BE SIGNED AND SEALED BY A LICENSED FIRE DESIGNER AND PROVIDED AS A SEPARATE UNDERGROUND FIRE PERMIT.
5. AT MINIMUM, A CLASS FIVE CONTRACTOR IS REQUIRED TO INSTALL FIRE LINES. FIRE LINES SHALL BEGIN AT THE POINT IN WHICH THE PIPING IS USED EXCLUSIVELY FOR FIRE PROTECTION AND END AT A POINT 1-FOOT ABOVE THE FINISHED FLOOR.
6. FIRE DEPARTMENT ACCESS ROADS PROVIDED AT THE START OF A PROJECT AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. (NFPA 1, 16.1.4).
7. A WATER SUPPLY FOR FIRE PROTECTION, EITHER TEMPORARY OR PERMANENT, SHALL BE MADE AVAILABLE AS SOON AS COMBUSTIBLE MATERIAL ACCUMULATES. THIS APPLIES TO BOTH COMMERCIAL AND RESIDENTIAL DEVELOPMENTS. (NFPA 1, 16.4.3.1).
8. WHERE UNDERGROUND WATER MAINS AND HYDRANTS ARE TO BE PROVIDED, THEY SHALL BE INSTALLED, COMPLETED, AND IN SERVICE PRIOR TO CONSTRUCTION WORK. (NFPA 1, 16.4.3.1.3).
9. FIRE FLOW TESTING SHALL BE PERFORMED IN ACCORDANCE WITH NFPA 291, RECOMMENDED PRACTICE FOR FIRE FLOW TESTING.
10. A 36 IN. CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF FIRE HYDRANTS AND A CLEAR SPACE OF NOT LESS THAN 60 IN. (1524 MM) SHALL BE PROVIDED IN FRONT OF EACH HYDRANT CONNECTION HAVING A DIAMETER GREATER THAN 21/2 IN. NFPA 1, 18.5.7.
11. HYDRANT SHALL BE MARKED WITH A BLUE REFLECTOR THAT IS PLACED 6" IN THE ROADWAY IN ACCORDANCE WITH NFPA 1, CHAPTER 18.5.10 (2015).
12. ALL TOWNHOMES MUST BE PROTECTED WITH AN APPROVED FIRE SPRIKLER SYSTEM.

NORTH

GRAPHIC SCALE IN FEET
0 50 100 200

LEGEND

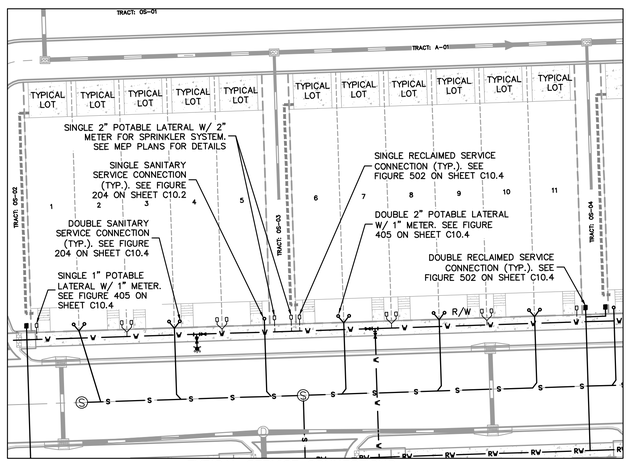
	PROPERTY BOUNDARY
W	EXISTING WATER MAIN
RW	EXISTING REUSE WATER MAIN
FM	EXISTING FORCE MAIN
GAS	EXISTING GAS MAIN
S	EXISTING SANITARY LINE
W	PROPOSED WATER LINE
RW	PROPOSED RECLAIMED WATER LINE
	PROPOSED FIRE HYDRANT
S	PROPOSED SANITARY SEWER MAIN
FM	PROPOSED FORCE MAIN
	PROPOSED SANITARY MANHOLE
	PROPOSED STORM PIPE
	PROPOSED DRAINAGE INLET
	PROPOSED STORM MANHOLE
T	PROPOSED TRANSFORMER
	PROPOSED GATE VALVE
	FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)

NOTES:

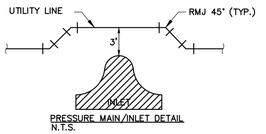
1. ALL FIRE HYDRANTS (TYP.) MUST MAINTAIN 36" CLEAR AROUND.
2. FIRE HYDRANTS (TYP.) SHALL BE MARKED WITH BLUE ROAD REFLECTORS.
3. THE PROPOSED FIRE AND LIFE SAFETY SYSTEMS SHALL FOLLOW CURRENT NFPA AND FLORIDA FIRE PREVENTION CODE 8TH EDITION.

AVERAGE DAILY DEMAND

POTABLE WATER: 84,000 GPD (240 DUS X 350 GPD/UNIT)
WASTEWATER: 72,000 GPD (240 DUS X 300 GPD/UNIT)



TYPICAL SERVICE CONNECTIONS
SCALE: 1"=30'



PRESSURE MAIN/INLET DETAIL
N.T.S.

NOTE:
NO PIPE DEFLECTION ALLOWED.
APPROPRIATE FITTINGS MUST BE USED.

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-427-1723
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84906
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

NAME: BRIAN S. ASHBY
LICENSE/REGISTRATION #: P.E. 84906

OVERALL UTILITY PLAN

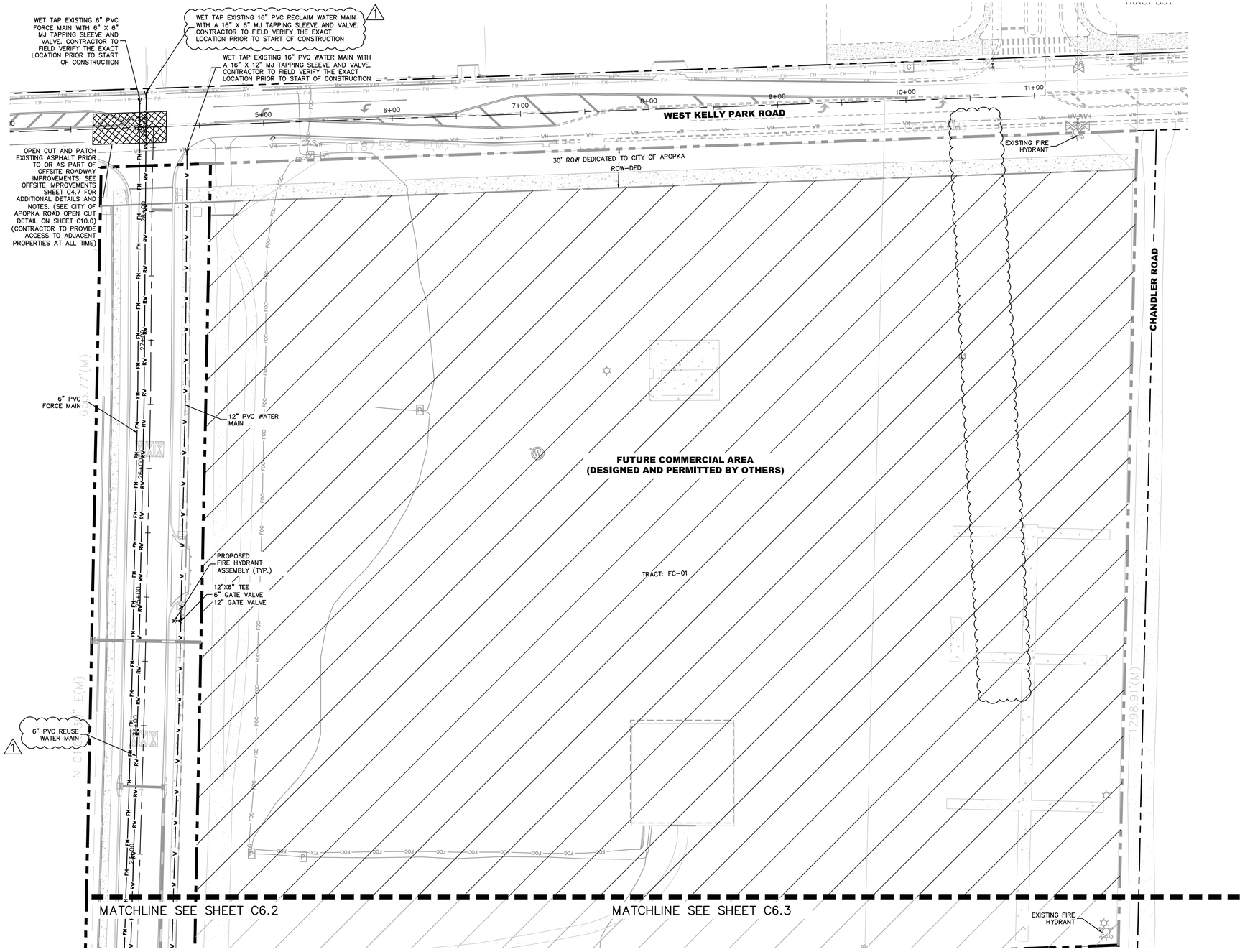
CHANDLER ROW

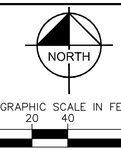
CITY OF APOPKA FLORIDA

SHEET NUMBER
C6.0

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C6.0 OVERALL UTILITY PLAN.dwg C6.0 OVERALL UTILITY PLAN
Apr 21, 2026 2:19pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Digitally signed by Brian S Ashby
Brian S Ashby Date: 2026.04.22 13:18:08-04'00'





GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND

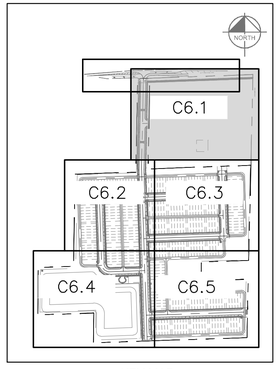
- PROPERTY BOUNDARY
- EXISTING WATER MAIN
- EXISTING REUSE WATER MAIN
- EXISTING FORCE MAIN
- EXISTING GAS MAIN
- EXISTING SANITARY LINE
- PROPOSED WATER LINE
- PROPOSED RECLAIMED WATER LINE
- PROPOSED FIRE HYDRANT
- PROPOSED SANITARY SEWER MAIN
- PROPOSED FORCE MAIN
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- PROPOSED TRANSFORMER
- PROPOSED GATE VALVE
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)
- OPEN CUT & PATCH AREA

NOTES:

1. ALL FIRE HYDRANTS (TYP.) MUST MAINTAIN 36" CLEAR AROUND.
2. FIRE HYDRANTS (TYP.) SHALL BE MARKED WITH BLUE ROAD REFLECTORS.
3. THE PROPOSED FIRE AND LIFE SAFETY SYSTEMS SHALL FOLLOW CURRENT NFPA AND FLORIDA FIRE PREVENTION CODE 8TH EDITION.

AVERAGE DAILY DEMAND:

POTABLE WATER: 84,000 GPD (240 DUs x 350 GPD/UNIT)
WASTEWATER: 72,000 GPD (240 DUs x 300 GPD/UNIT)



KEY MAP
SCALE: 1" = 500'

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.

6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-622-2433
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84906
THE ITEMS LISTED BELOW WERE SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREIN.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE NUMBER: FL P.E. 84906

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

UTILITY PLAN

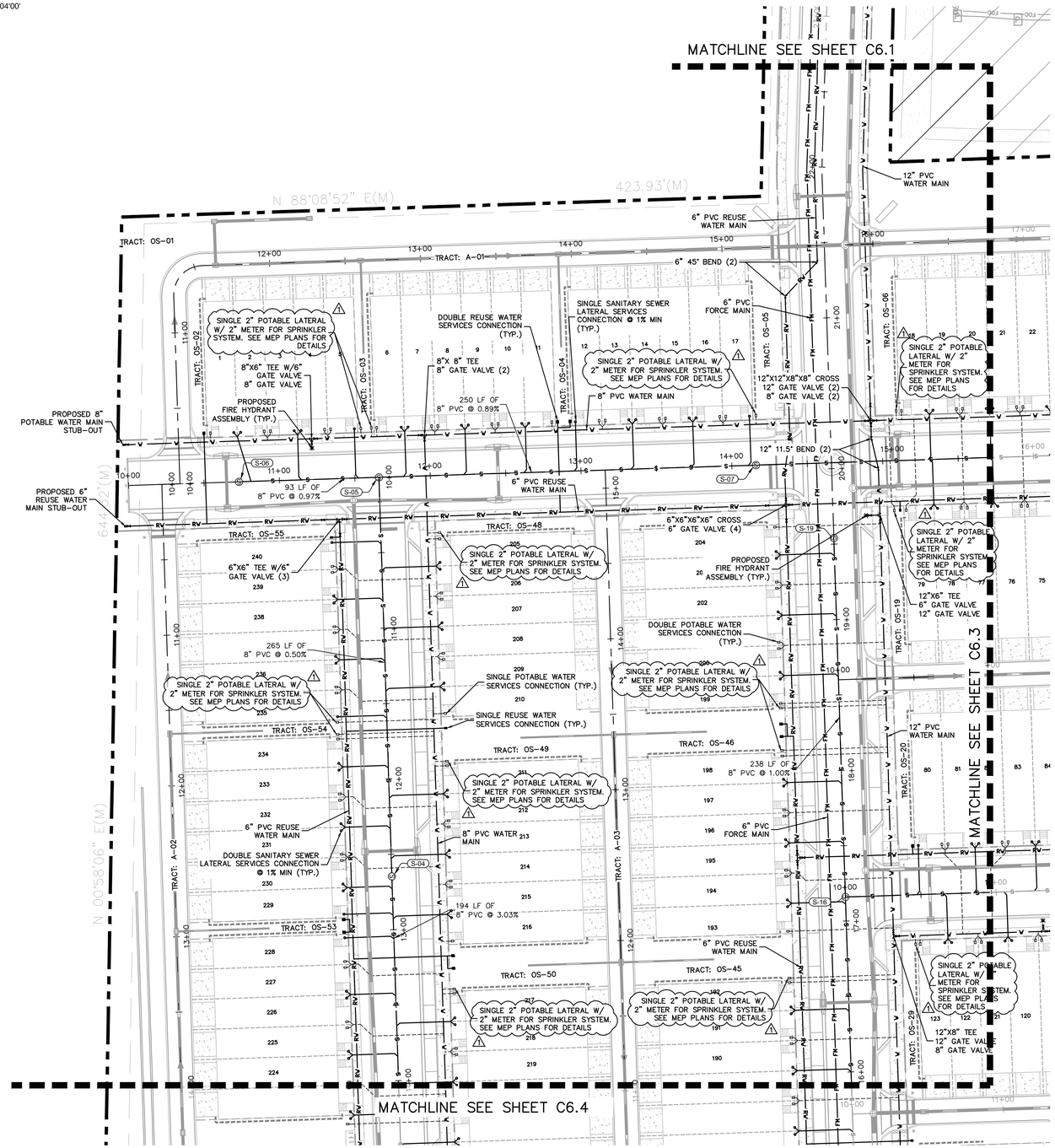
CHANDLER ROW

CITY OF APOPKA FLORIDA

SHEET NUMBER
C6.1

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C6.1 UTILITY PLAN.dwg C6.1 UTILITY PLAN Apr 21, 2026 2:20pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:09-04'00'



SANITARY SEWER STRUCTURE TABLE		
STRUCTURE NAME:	DETAILS:	ALIGNMENT:
S-04	SANITARY MANHOLE STA:12+64.67 (0.00) TOP: 112.25 N. INV IN: 105.43 (8" PVC) S. INV OUT: 105.33 (8" PVC)	ROAD B
S-05	SANITARY MANHOLE STA:11+66.00 (0.00) TOP: 113.56 E. INV IN: 106.95 (8" PVC) W. INV IN: 106.95 (8" PVC) S. INV OUT: 106.75 (8" PVC)	ROAD A
S-06	SANITARY MANHOLE STA:10+73.15 (0.00) TOP: 112.85 E. INV OUT: 107.85 (8" PVC)	ROAD A
S-07	SANITARY MANHOLE STA:14+16.00 (0.00) TOP: 115.97 E. INV IN: 109.27 (8" PVC) W. INV OUT: 109.16 (8" PVC)	ROAD A
S-16	SANITARY MANHOLE STA:17+15.98 (0.00) TOP: 115.44 E. INV IN: 107.03 (8" PVC) N. INV IN: 107.03 (8" PVC) S. INV OUT: 106.83 (8" PVC)	BLVD A
S-19	SANITARY MANHOLE STA:19+54.08 (0.00) TOP: 116.86 S. INV OUT: 109.41 (8" PVC)	BLVD A

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND

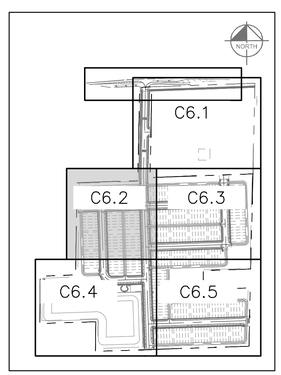
- PROPERTY BOUNDARY
- EXISTING WATER MAIN
- EXISTING REUSE WATER MAIN
- EXISTING FORCE MAIN
- EXISTING GAS MAIN
- EXISTING SANITARY LINE
- PROPOSED WATER LINE
- PROPOSED RECLAIMED WATER LINE
- PROPOSED FIRE HYDRANT
- PROPOSED SANITARY SEWER MAIN
- PROPOSED FORCE MAIN
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- PROPOSED TRANSFORMER
- PROPOSED GATE VALVE
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)
- OPEN CUT & PATCH AREA

NOTES:

1. ALL FIRE HYDRANTS (TYP.) MUST MAINTAIN 36" CLEAR AROUND.
2. FIRE HYDRANTS (TYP.) SHALL BE MARKED WITH BLUE ROAD REFLECTORS.
3. THE PROPOSED FIRE AND LIFE SAFETY SYSTEMS SHALL FOLLOW CURRENT NFPA AND FLORIDA FIRE PREVENTION CODE 8TH EDITION.

AVERAGE DAILY DEMAND:

POTABLE WATER: 84,000 GPD (240 DUs x 350 GPD/UNIT)
WASTEWATER: 72,000 GPD (240 DUs x 300 GPD/UNIT)



KEY MAP
SCALE: 1" = 500'

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RES/SUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-427-1330
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, JR. P.E. (P.E. LICENSE, PROFESSIONAL ENGINEER, LICENSED NO. 84496)
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREIN.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
CERTIFICATION NUMBER & FIRM: 84496

K-H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

UTILITY PLAN

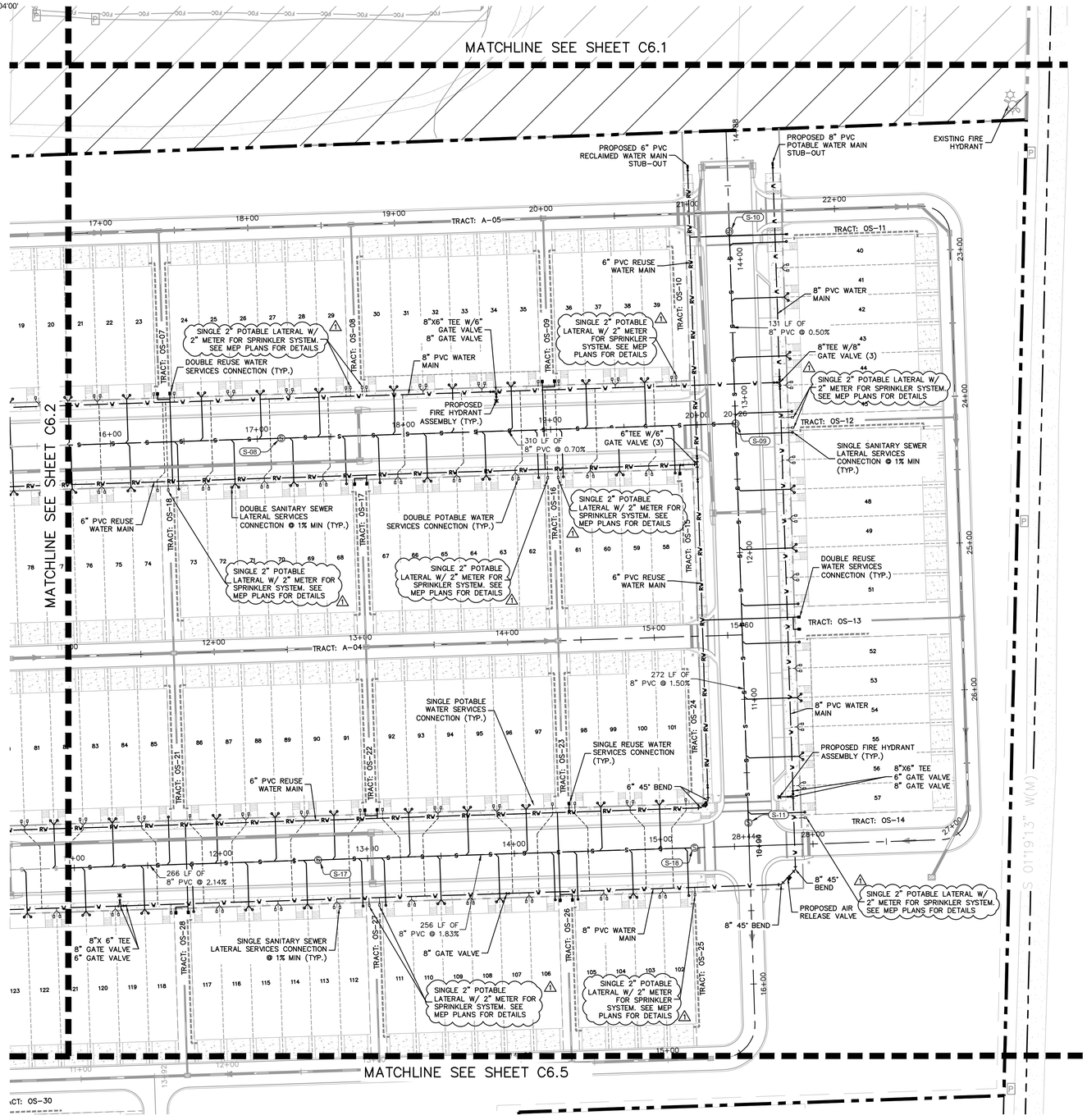
CHANDLER ROW

FLORIDA
CITY OF APOPKA

SHEET NUMBER
C6.2

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C6.1 UTILITY PLAN.dwg C6.2 UTILITY PLAN Apr 21, 2026 2:20pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:13-04'00'
Brian S Ashby



SANITARY SEWER STRUCTURE TABLE		
STRUCTURE NAME:	DETAILS:	ALIGNMENT:
S-08	SANITARY MANHOLE STA:17+16.36 (0.00) TOP: 118.47 E. INV IN: 111.57 (8" PVC) W. INV OUT: 111.37 (8" PVC)	ROAD A
S-09	SANITARY MANHOLE STA:12+88.00 (0.00) TOP: 121.55 S. INV IN: 113.94 (8" PVC) N. INV IN: 113.93 (8" PVC) W. INV OUT: 113.74 (8" PVC)	ROAD D
S-10	SANITARY MANHOLE STA:14+19.00 (0.00) TOP: 120.28 S. INV OUT: 114.59 (8" PVC)	ROAD D
S-17	SANITARY MANHOLE STA:12+66.20 (0.00) TOP: 118.19 E. INV IN: 112.84 (8" PVC) W. INV OUT: 112.74 (8" PVC)	ROAD C
S-18	SANITARY MANHOLE STA:15+22.69 (0.00) TOP: 123.59 W. INV OUT: 117.52 (8" PVC)	ROAD C

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND

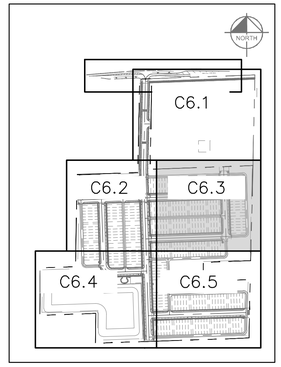
- PROPERTY BOUNDARY
- EXISTING WATER MAIN
- EXISTING REUSE WATER MAIN
- EXISTING FORCE MAIN
- EXISTING GAS MAIN
- EXISTING SANITARY LINE
- PROPOSED WATER LINE
- PROPOSED RECLAIMED WATER LINE
- PROPOSED FIRE HYDRANT
- PROPOSED SANITARY SEWER MAIN
- PROPOSED FORCE MAIN
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- PROPOSED TRANSFORMER
- PROPOSED GATE VALVE
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)
- OPEN CUT & PATCH AREA

NOTES:

1. ALL FIRE HYDRANTS (TYP.) MUST MAINTAIN 36" CLEAR AROUND.
2. FIRE HYDRANTS (TYP.) SHALL BE MARKED WITH BLUE ROAD REFLECTORS.
3. THE PROPOSED FIRE AND LIFE SAFETY SYSTEMS SHALL FOLLOW CURRENT NFPA AND FLORIDA FIRE PREVENTION CODE 8TH EDITION.

AVERAGE DAILY DEMAND:

POTABLE WATER: 84,000 GPD (240 DUs x 350 GPD/UNIT)
WASTEWATER: 72,000 GPD (240 DUs x 300 GPD/UNIT)



KEY MAP
SCALE: 1" = 500'

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84906
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NAME: BRIAN S. ASHBY
LICENSED ENGINEER NO. 84906 P.E. OR 84906

K-H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

UTILITY PLAN

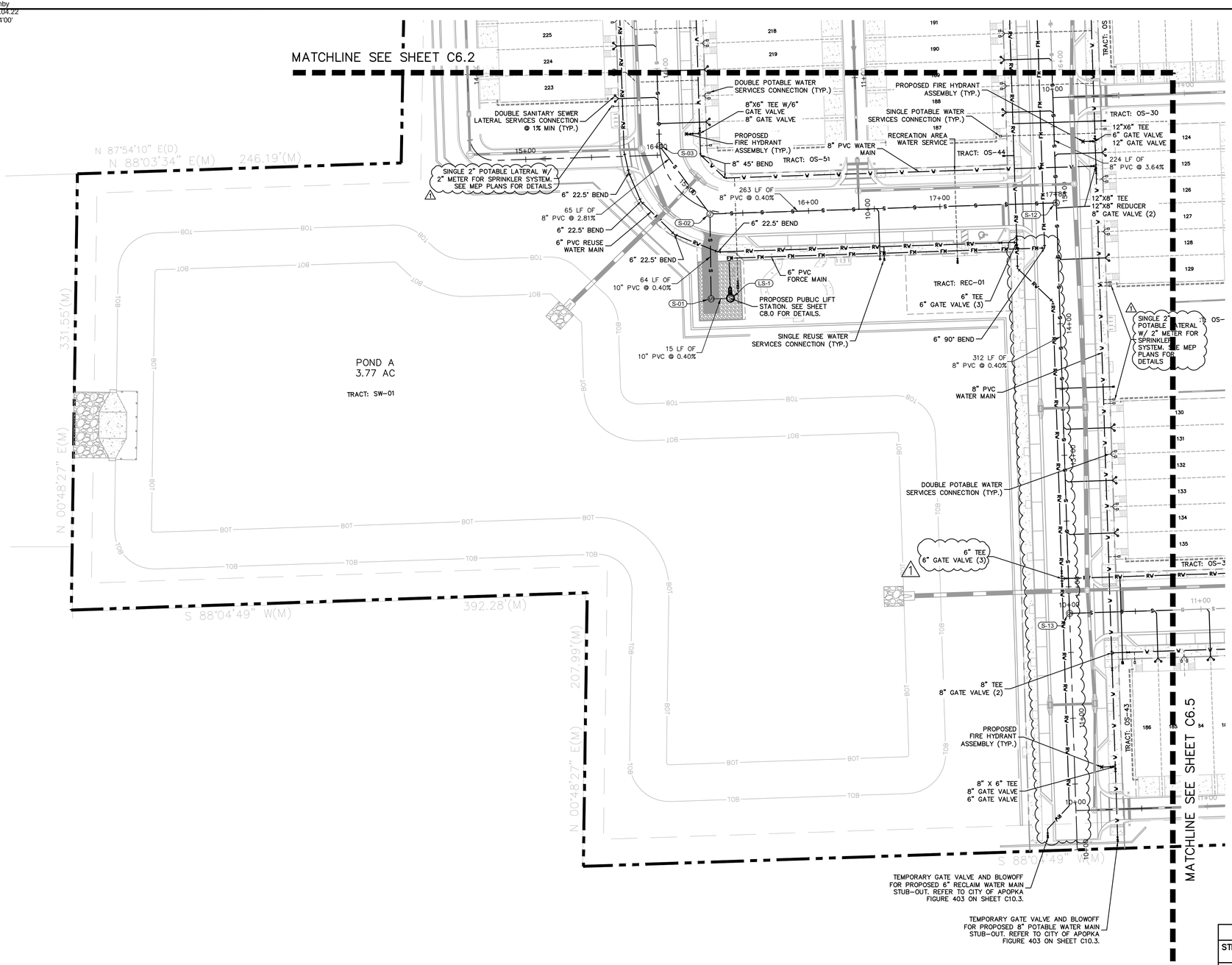
CHANDLER ROW

FLORIDA
CITY OF APOPKA

SHEET NUMBER
C6.3

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C6.1 UTILITY PLAN.dwg C6.3 UTILITY PLAN Apr 21, 2026 2:21pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Digitally signed by Brian S Ashby
Brian S Ashby Date: 2026.04.22 13:18:15-04'00'



NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND

- PROPERTY BOUNDARY
- EXISTING WATER MAIN
- EXISTING REUSE WATER MAIN
- EXISTING FORCE MAIN
- EXISTING GAS MAIN
- EXISTING SANITARY LINE
- PROPOSED WATER LINE
- PROPOSED RECLAIMED WATER LINE
- PROPOSED FIRE HYDRANT
- PROPOSED SANITARY SEWER MAIN
- PROPOSED FORCE MAIN
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- PROPOSED TRANSFORMER
- PROPOSED GATE VALVE
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)
- OPEN CUT & PATCH AREA

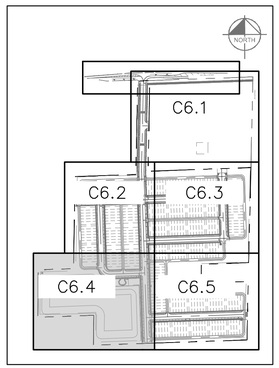
NOTES:

1. ALL FIRE HYDRANTS (TYP.) MUST MAINTAIN 36" CLEAR AROUND.
2. FIRE HYDRANTS (TYP.) SHALL BE MARKED WITH BLUE ROAD REFLECTORS.
3. THE PROPOSED FIRE AND LIFE SAFETY SYSTEMS SHALL FOLLOW CURRENT NFPA AND FLORIDA FIRE PREVENTION CODE 8TH EDITION.

AVERAGE DAILY DEMAND:

POTABLE WATER: 84,000 GPD (240 DUs x 350 GPD/UNIT)
WASTEWATER: 72,000 GPD (240 DUs x 300 GPD/UNIT)

SANITARY SEWER STRUCTURE TABLE		
STRUCTURE NAME:	DETAILS:	ALIGNMENT:
S-01	SANITARY MANHOLE STA:15+34.50 (66.06) TOP: 112.67 N. INV IN: 96.97 (10" PVC) E. INV OUT: 96.77 (10" PVC)	ROAD B
S-02	SANITARY MANHOLE STA:15+25.73 (2.97) TOP: 111.34 NW. INV IN: 97.43 (8" PVC) E. INV IN: 97.43 (8" PVC) S. INV OUT: 97.23 (10" PVC)	ROAD B
S-03	SANITARY MANHOLE STA:14+58.83 (0.00) TOP: 111.47 N. INV IN: 99.44 (8" PVC) SE. INV OUT: 99.24 (8" PVC)	ROAD B
S-12	SANITARY MANHOLE STA:14+91.98 (0.00) TOP: 112.76 S. INV IN: 98.68 (8" PVC) N. INV IN: 98.68 (8" PVC) W. INV OUT: 98.48 (8" PVC)	BLVD A
S-13	SANITARY MANHOLE STA:11+79.78 (0.00) TOP: 106.62 E. INV IN: 100.13 (8" PVC) N. INV OUT: 99.93 (8" PVC)	BLVD A



KEY MAP
SCALE: 1" = 500'

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-423-8398
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSED ENGINEER IN FL # LIC. NUMBER

K-H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

UTILITY PLAN

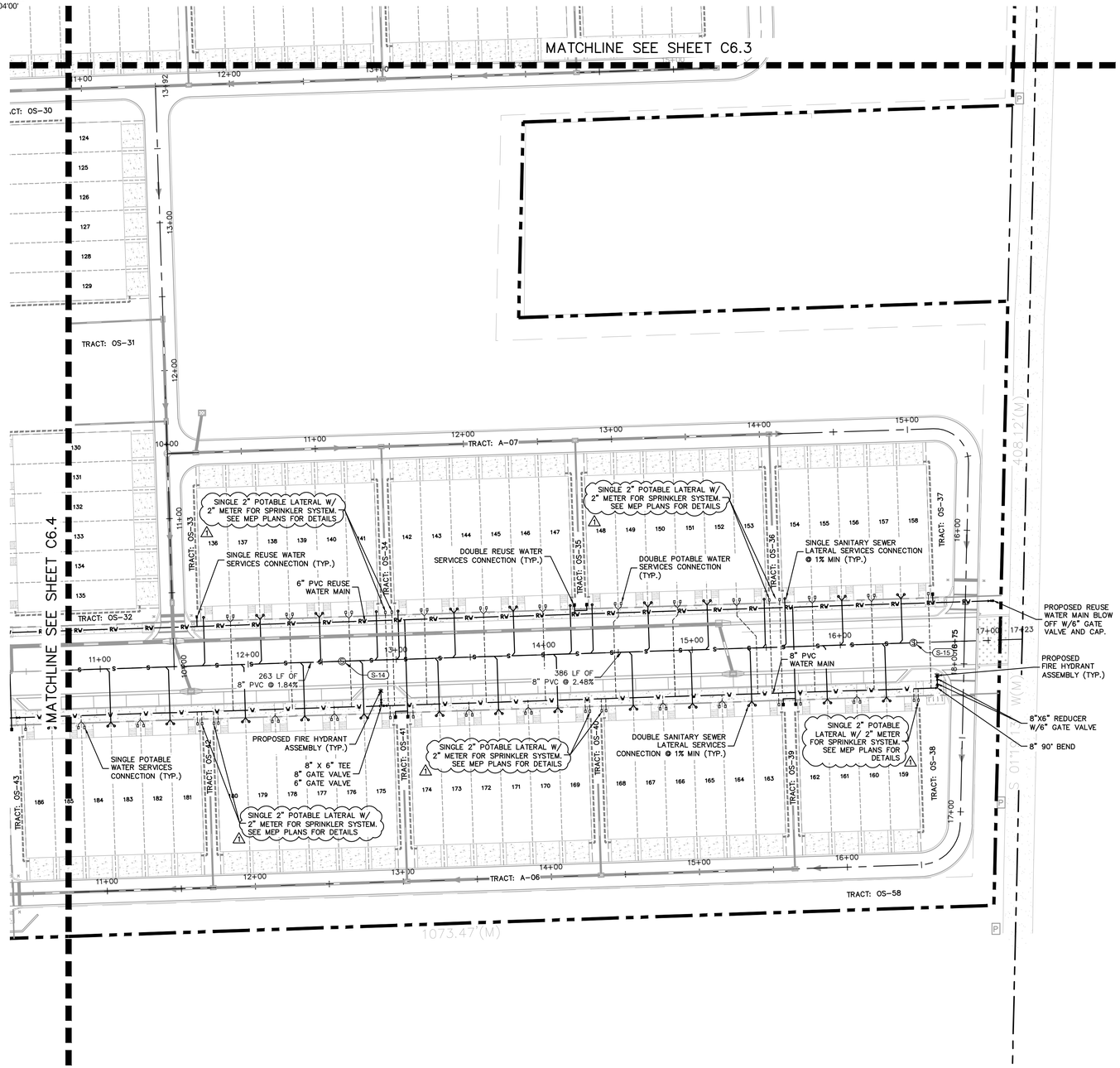
CHANDLER ROW

CITY OF APOPKA FLORIDA

SHEET NUMBER
C6.4

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C6.1 UTILITY PLAN.dwg C6.4 UTILITY PLAN Apr 21, 2026 2:21pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates.

Digitally signed by Brian S Ashby
Brian S Ashby Date: 2026.04.22 13:18:18-04'00'



SANITARY SEWER STRUCTURE TABLE		
STRUCTURE NAME:	DETAILS:	ALIGNMENT:
S-14	SANITARY MANHOLE STA:12+63.38 (0.00) TOP: 111.95 E. INV IN: 105.17 (8" PVC) W. INV OUT: 104.98 (8" PVC)	ROAD E
S-15	SANITARY MANHOLE STA:16+49.41 (0.00) TOP: 121.19 W. INV OUT: 114.73 (8" PVC)	ROAD E

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND

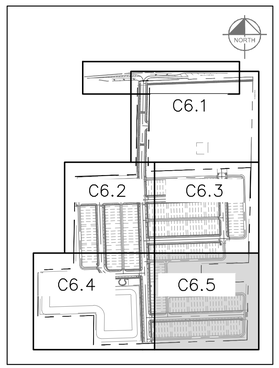
- PROPERTY BOUNDARY
- EXISTING WATER MAIN
- EXISTING REUSE WATER MAIN
- EXISTING FORCE MAIN
- EXISTING GAS MAIN
- EXISTING SANITARY LINE
- PROPOSED WATER LINE
- PROPOSED RECLAIMED WATER LINE
- PROPOSED FIRE HYDRANT
- PROPOSED SANITARY SEWER MAIN
- PROPOSED FORCE MAIN
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- PROPOSED TRANSFORMER
- PROPOSED GATE VALVE
- FUTURE COMMERCIAL AREA (DESIGNED AND PERMITTED BY OTHERS)
- OPEN CUT & PATCH AREA

NOTES:

1. ALL FIRE HYDRANTS (TYP.) MUST MAINTAIN 36" CLEAR AROUND.
2. FIRE HYDRANTS (TYP.) SHALL BE MARKED WITH BLUE ROAD REFLECTORS.
3. THE PROPOSED FIRE AND LIFE SAFETY SYSTEMS SHALL FOLLOW CURRENT NFPA AND FLORIDA FIRE PREVENTION CODE 8TH EDITION.

AVERAGE DAILY DEMAND:

POTABLE WATER: 84,000 GPD (240 DUs x 350 GPD/UNIT)
WASTEWATER: 72,000 GPD (240 DUs x 300 GPD/UNIT)



KEY MAP
SCALE: 1" = 500'

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-636-2483
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84906
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSED ENGINEER IN FL # FE 84906

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

UTILITY PLAN

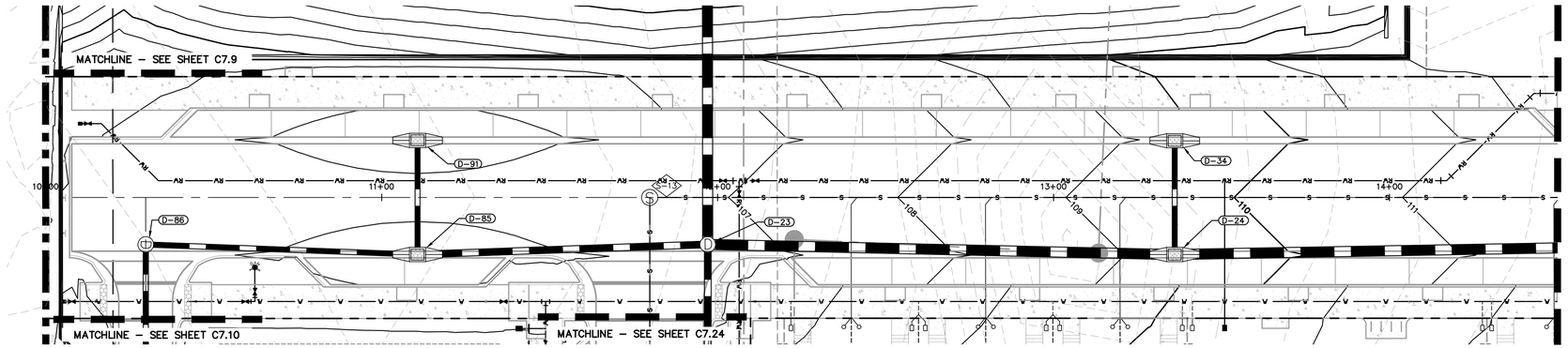
CHANDLER ROW
CITY OF APOPKA FLORIDA

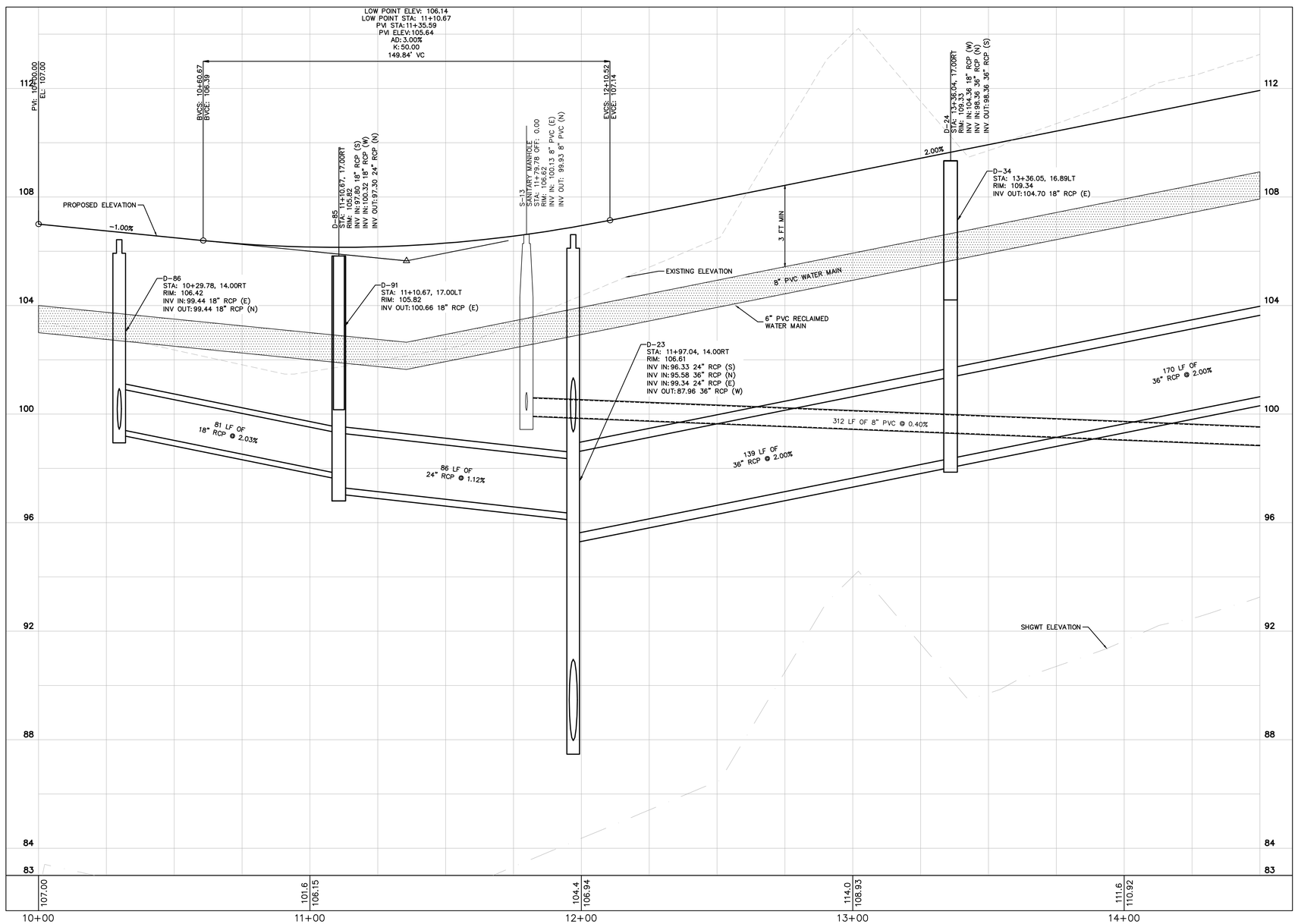
SHEET NUMBER
C6.5

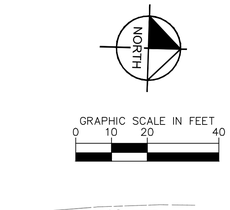
Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plansheets - csp\C6.1 UTILITY PLAN.dwg C6.5 UTILITY PLAN Apr 21, 2026 2:21pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:21-04'00'

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.







KEY MAP
SCALE: 1" = 500'

GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-423-0030
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84906
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NAME: BRIAN S. ASHBY
SIGNATURE/CERTIFICATION # & P.E. 84906

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

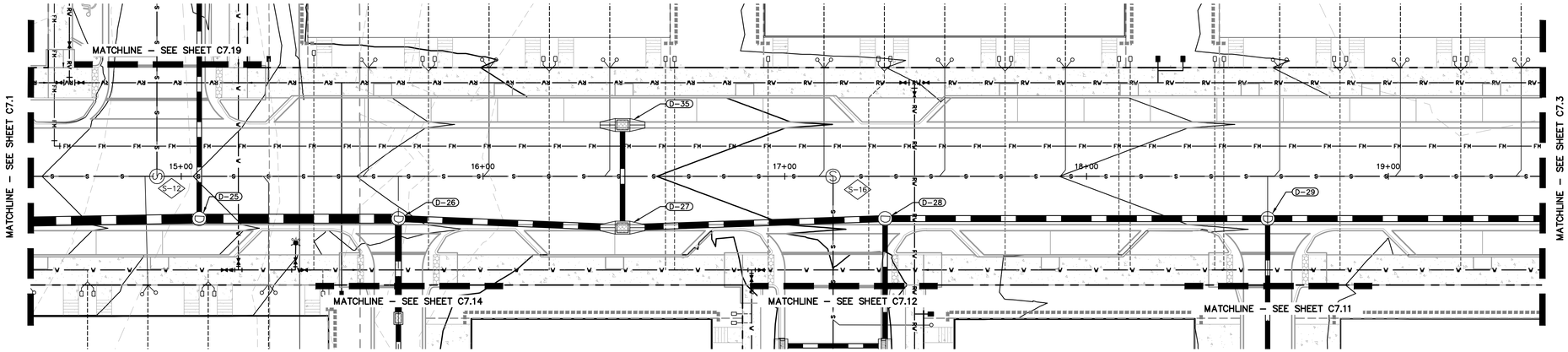
BLVD A PLAN & PROFILE

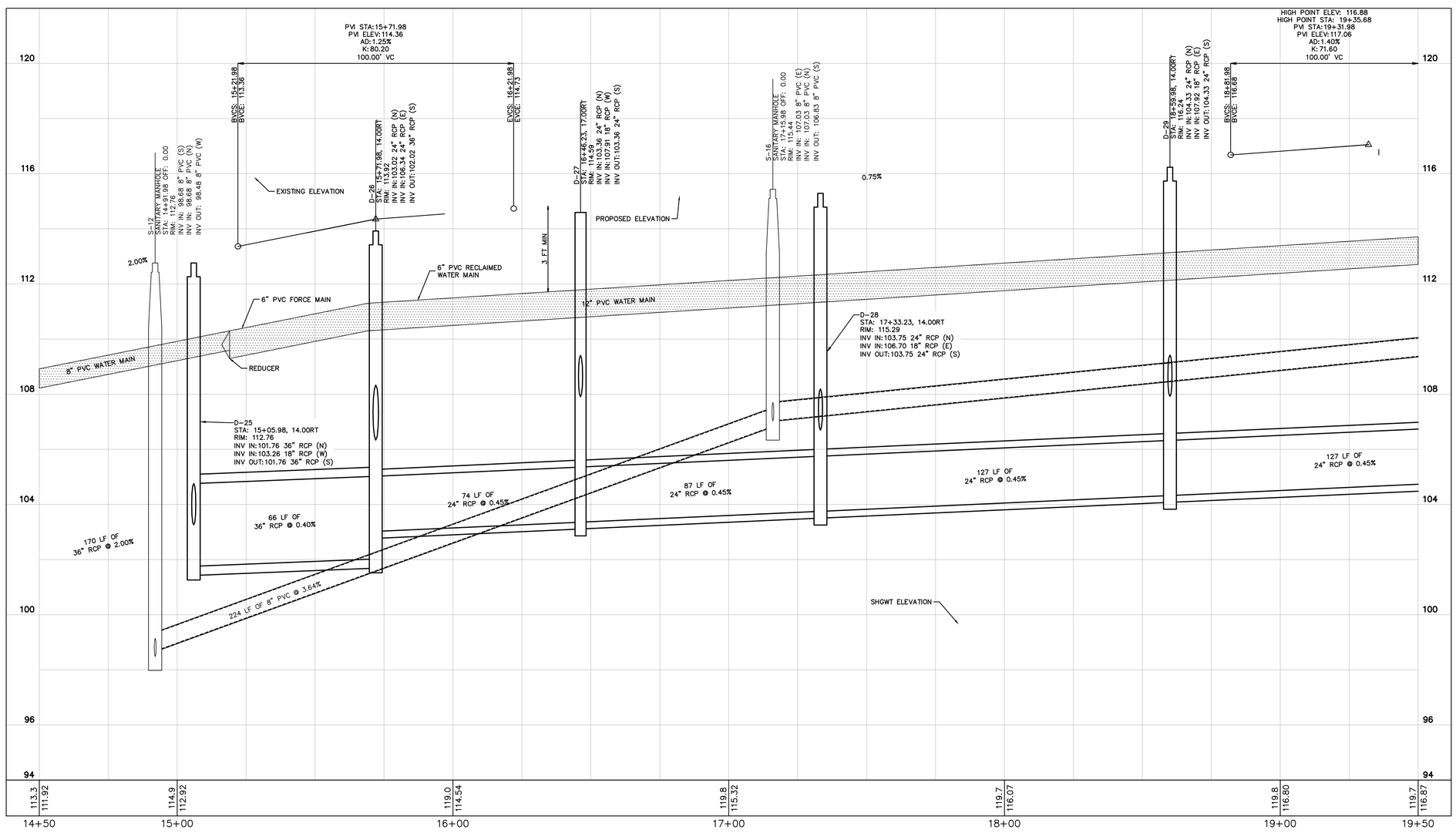
CHANDLER ROW

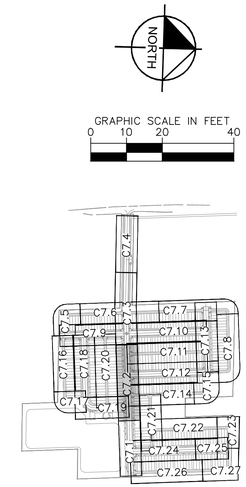
CITY OF APOPKA FLORIDA

SHEET NUMBER
C7.1

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:24-04'00'
Brian S Ashby







KEY MAP
SCALE: 1" = 500'

GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, JR.
LICENSED ENGINEER
No. 84066
STATE OF FLORIDA
ELECTRONICALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE NUMBER: 84066
REGISTERED ENGINEER
STATE OF FLORIDA

K-H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

BLVD A PLAN & PROFILE

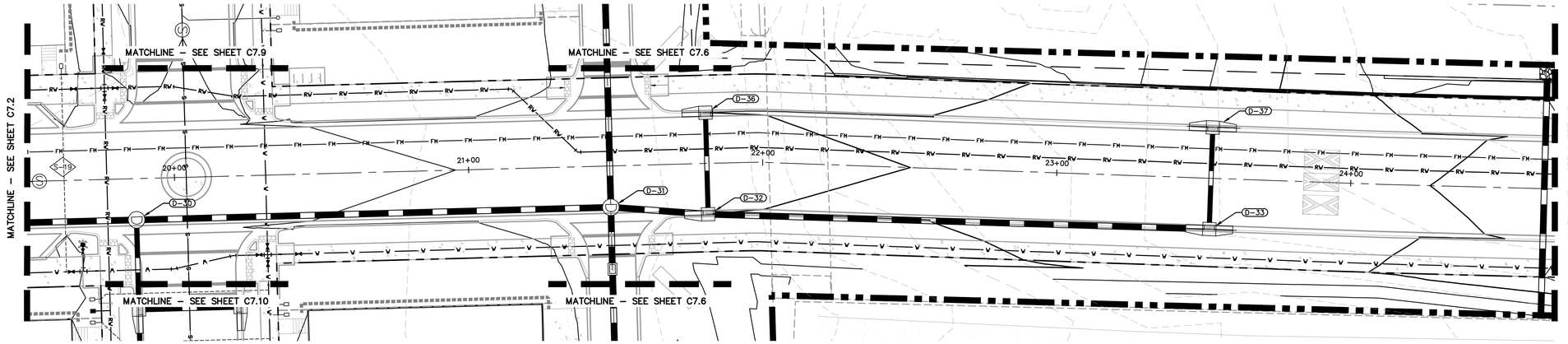
CHANDLER ROW

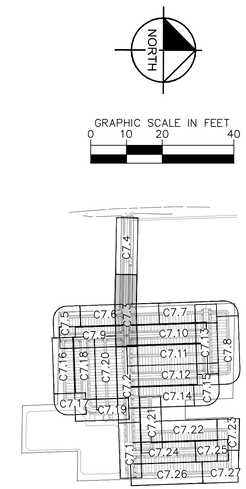
CITY OF APOPKA FLORIDA

SHEET NUMBER
C7.2

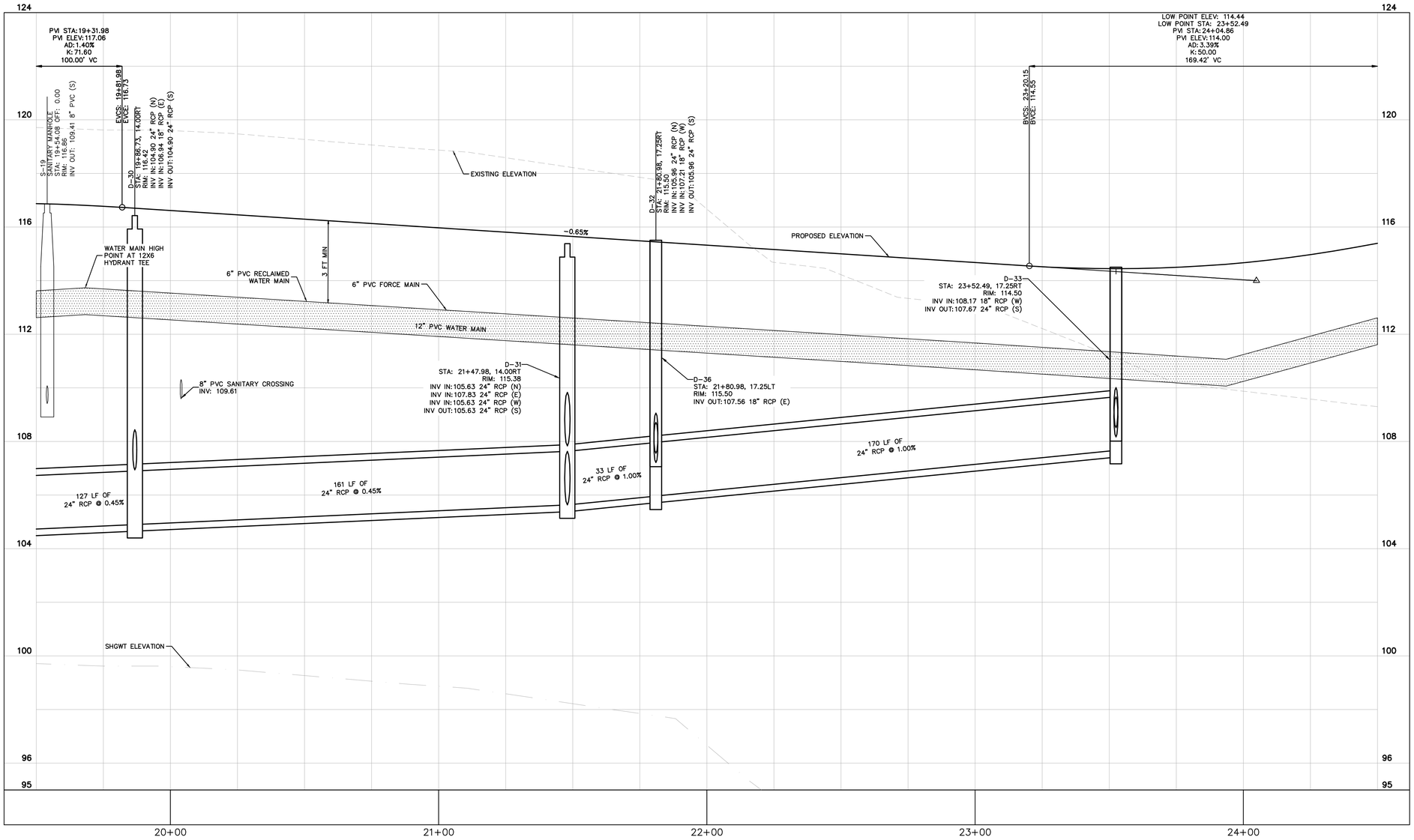
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:27-04'00'





KEY MAP
SCALE: 1" = 500'



GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-898-1511 FAX: 407-896-2453
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
ERIKA ZAPERT, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84494
ITEMS LISTED HEREON HAVE BEEN ELECTRONICALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREIN.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NAME: BRIAN S. ASHBY
LICENSE NUMBER: 84494
REGISTRY: FLORIDA

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

BLVD A PLAN & PROFILE

CHANDLER ROW

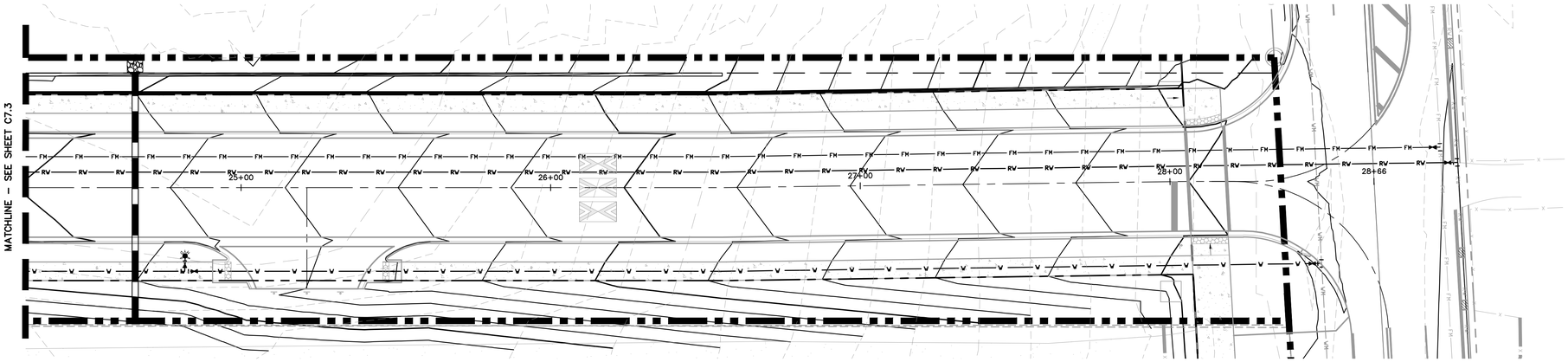
CITY OF APOPKA FLORIDA

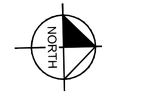
SHEET NUMBER
C7.3

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

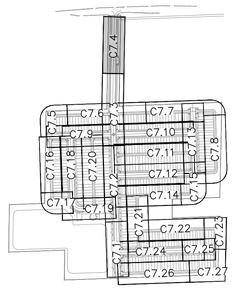
Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:28-04'00'

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

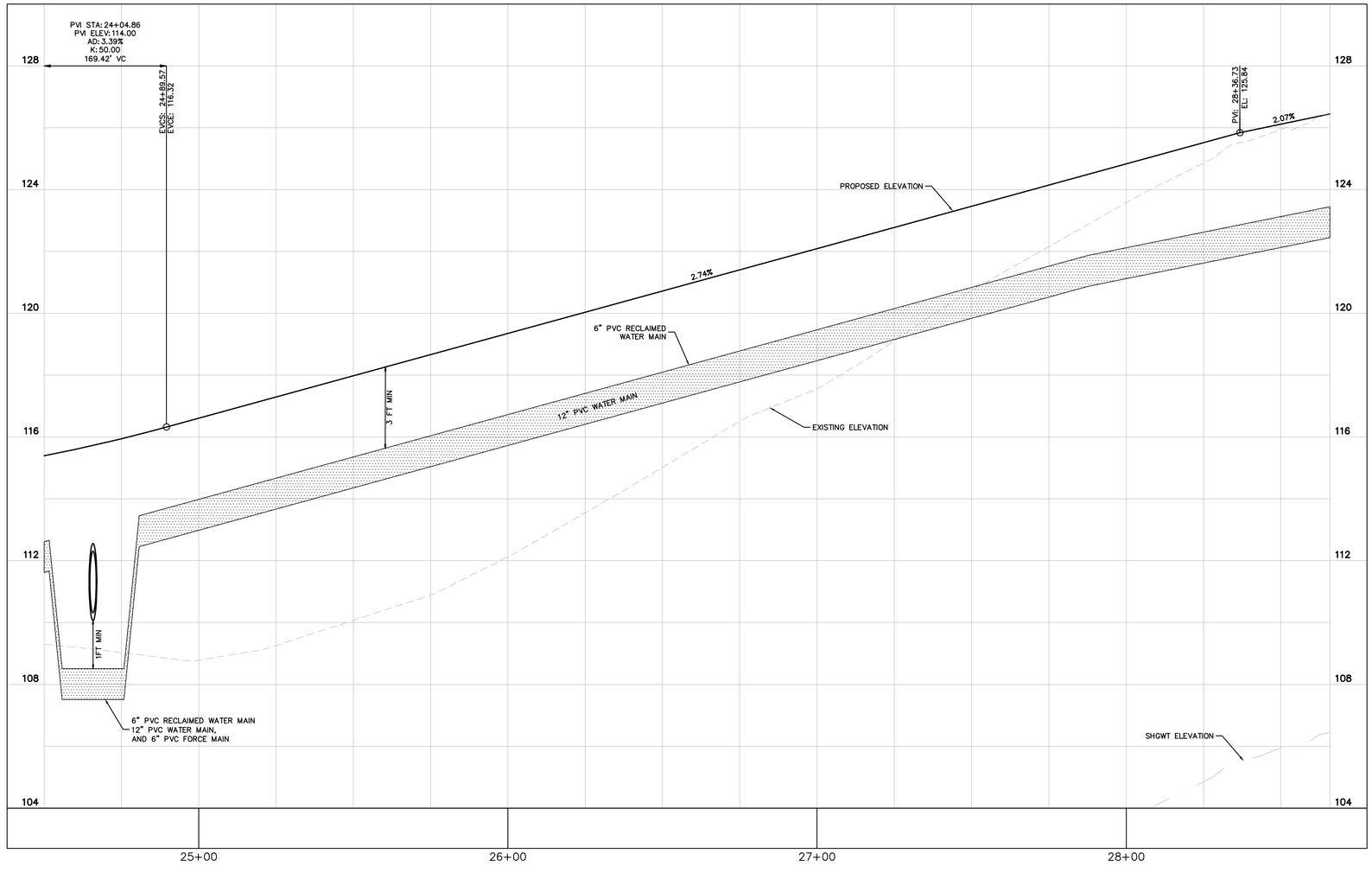




GRAPHIC SCALE IN FEET
0 10 20 40



KEY MAP
SCALE: 1" = 500'



GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.

6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-253-2433
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
"ADDITIONS OR DELETIONS TO SEALED AND SIGNED WORK SHALL BE PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE SIGNING PROFESSIONAL ENGINEER."
BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HERE.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE NUMBER: STATE OF FLORIDA P.E. NO. 84496

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

BLVD A PLAN & PROFILE

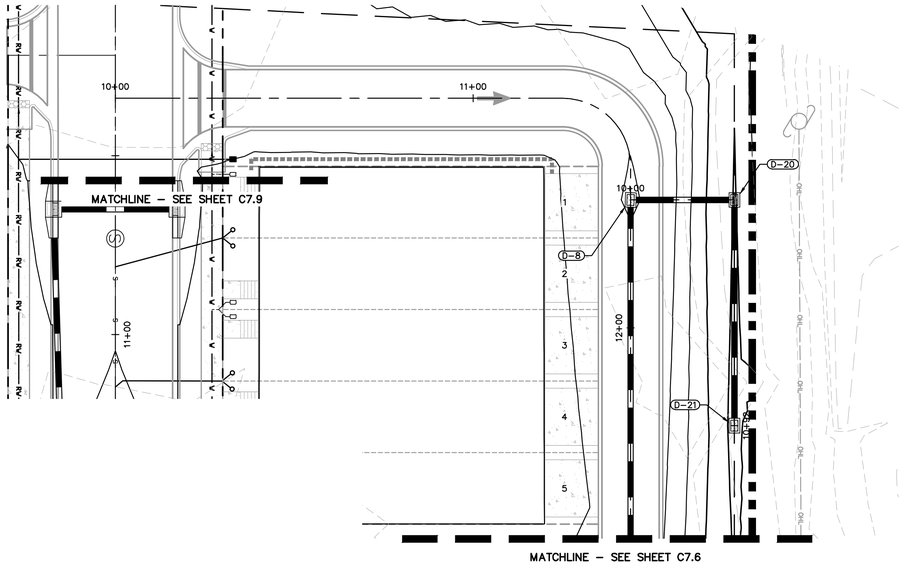
CHANDLER ROW

CITY OF APOPKA FLORIDA

SHEET NUMBER
C7.4

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:31-04'00'

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

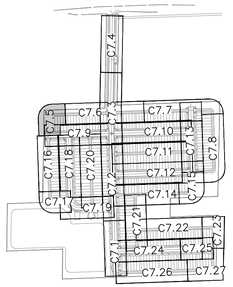




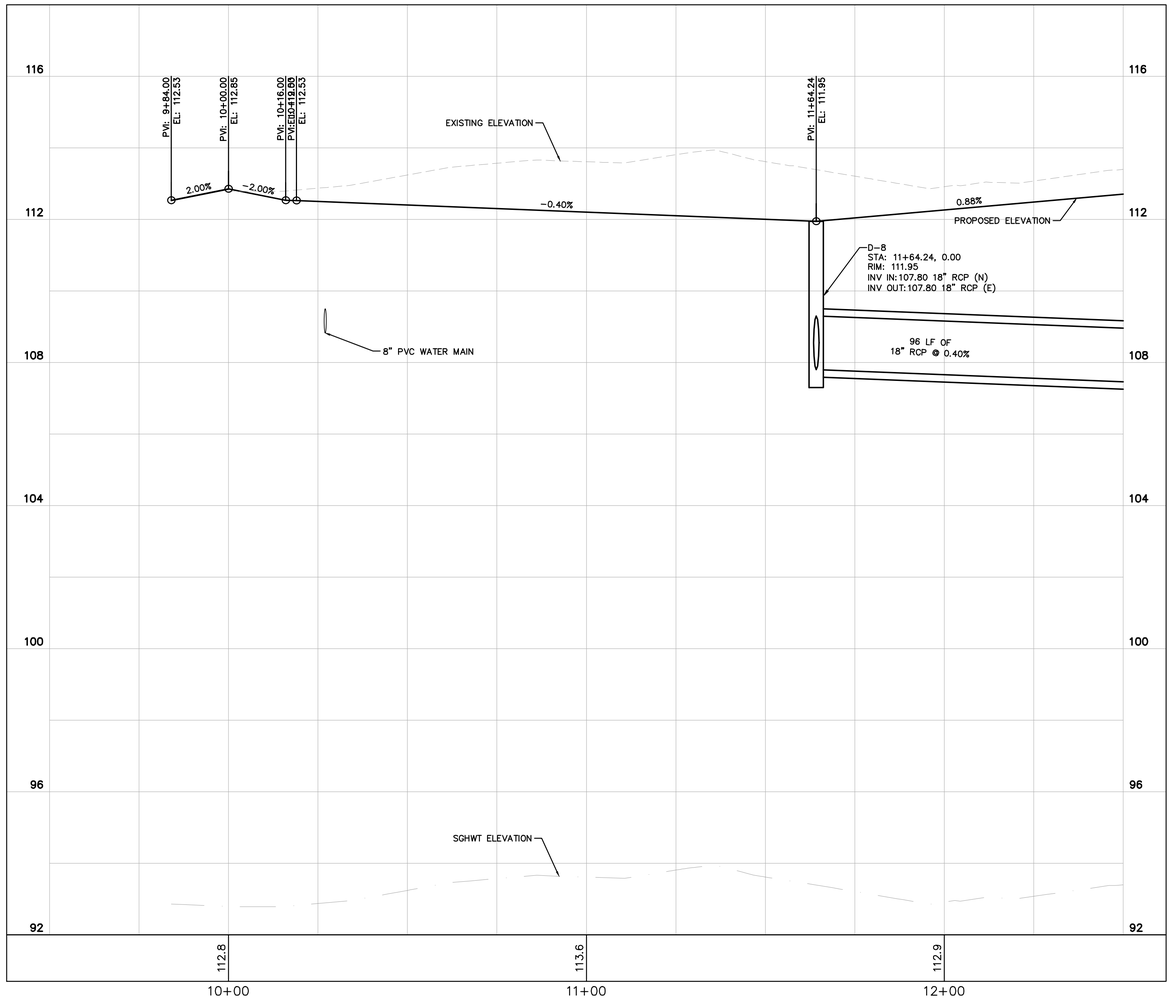
GRAPHIC SCALE IN FEET
0 10 20 40

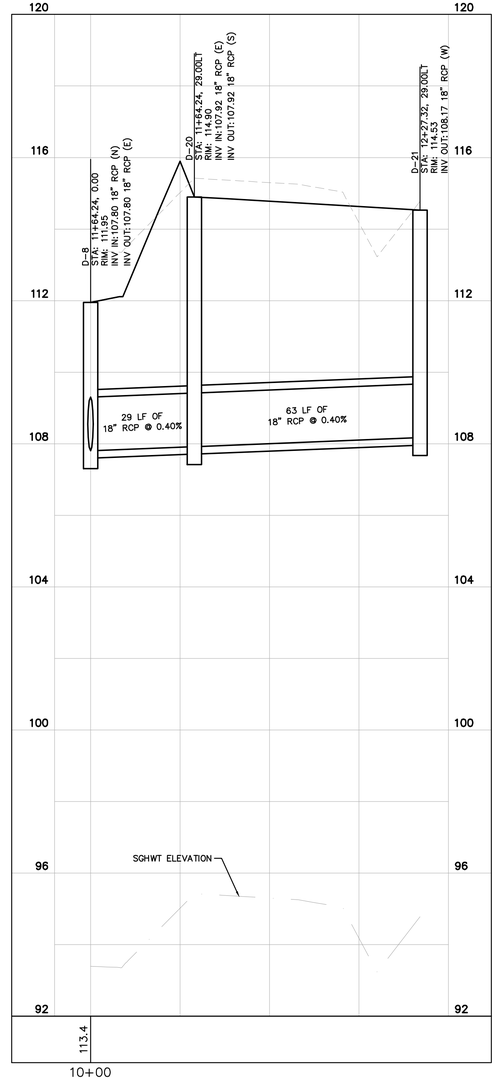
GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL



KEY MAP
SCALE: 1" = 500'





CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-628-2433
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE NUMBER: FLORIDA P.E. NO. 84496

K-H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

ALLEY ABC PLAN & PROFILE

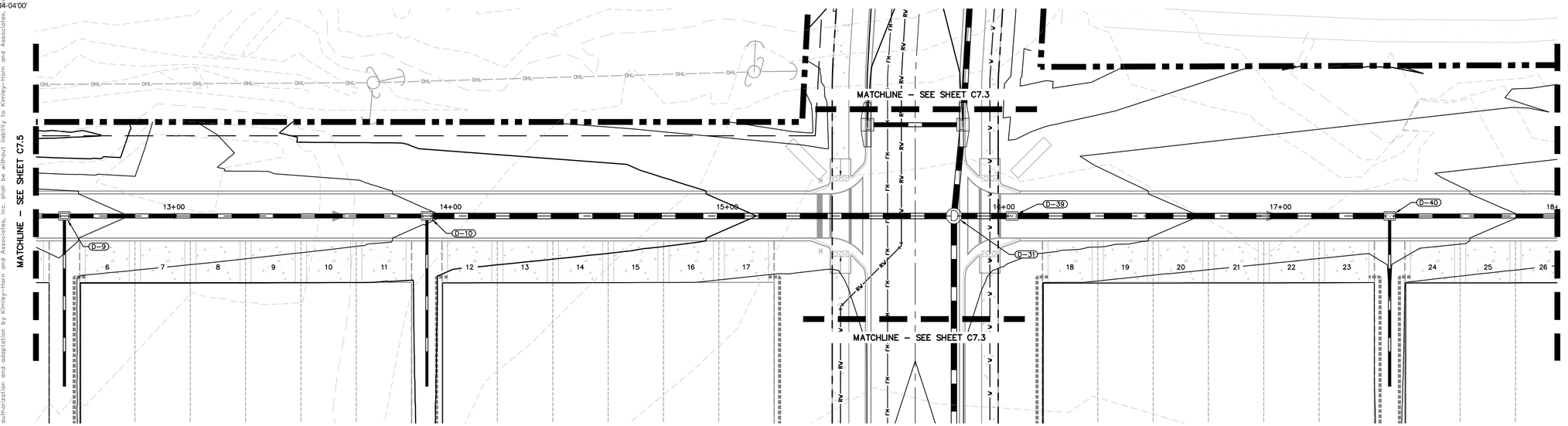
CHANDLER ROW

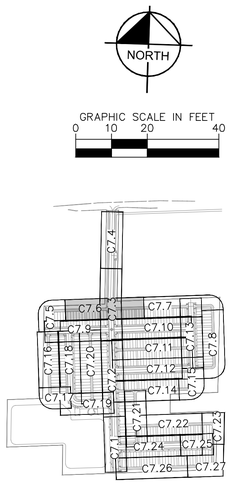
CITY OF APOPKA FLORIDA

SHEET NUMBER
C7.5

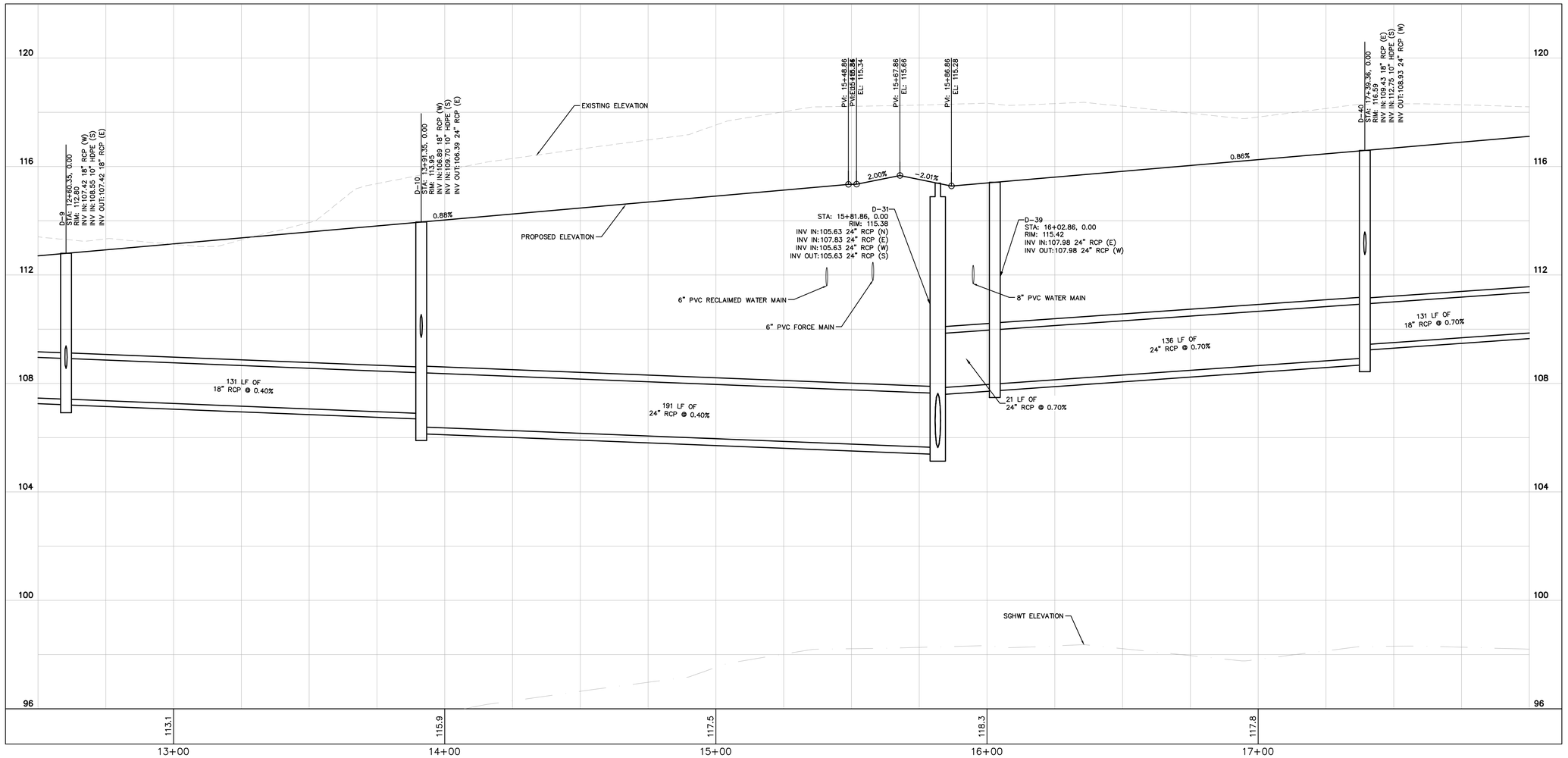
Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:34-04'00'

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





KEY MAP
SCALE: 1" = 500'



GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-628-2423
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
ERIKA K. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84494
THE ITEMS SHOWN ON THIS SHEET ARE SIGNED AND SEALED BY ERIKA K. ASHBY, P.E. ON THE DATE INDICATED. PRINTED COPIES OF THIS SHEET ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

NAME: ERIKA K. ASHBY
LICENSE/REGISTRATION #: FL PE 84494

ALLEY ABC PLAN & PROFILE

CHANDLER ROW

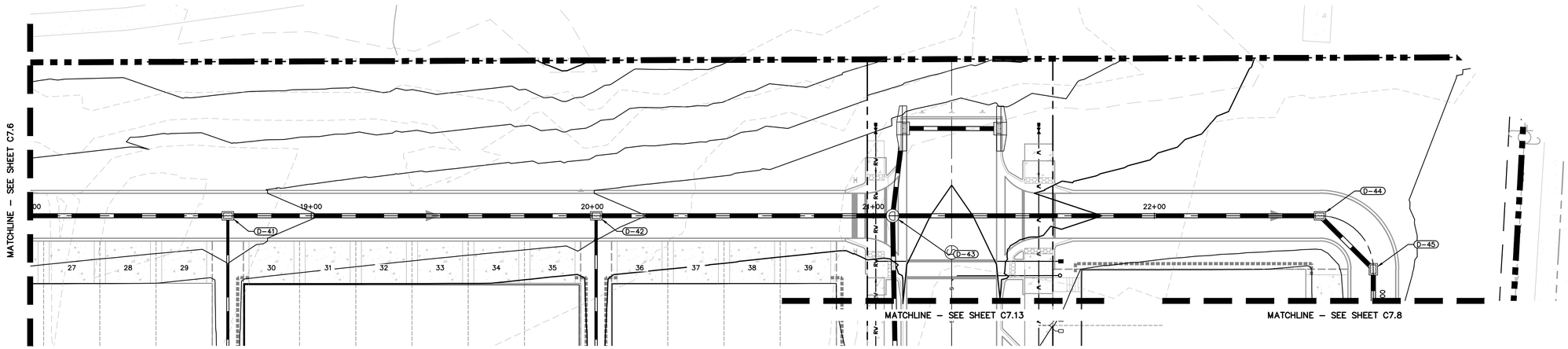
FLORIDA

CITY OF APOPKA

SHEET NUMBER
C7.6

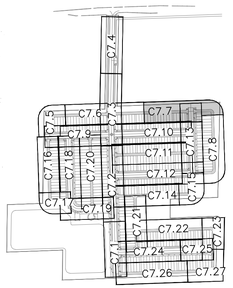
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:34-04'00'

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

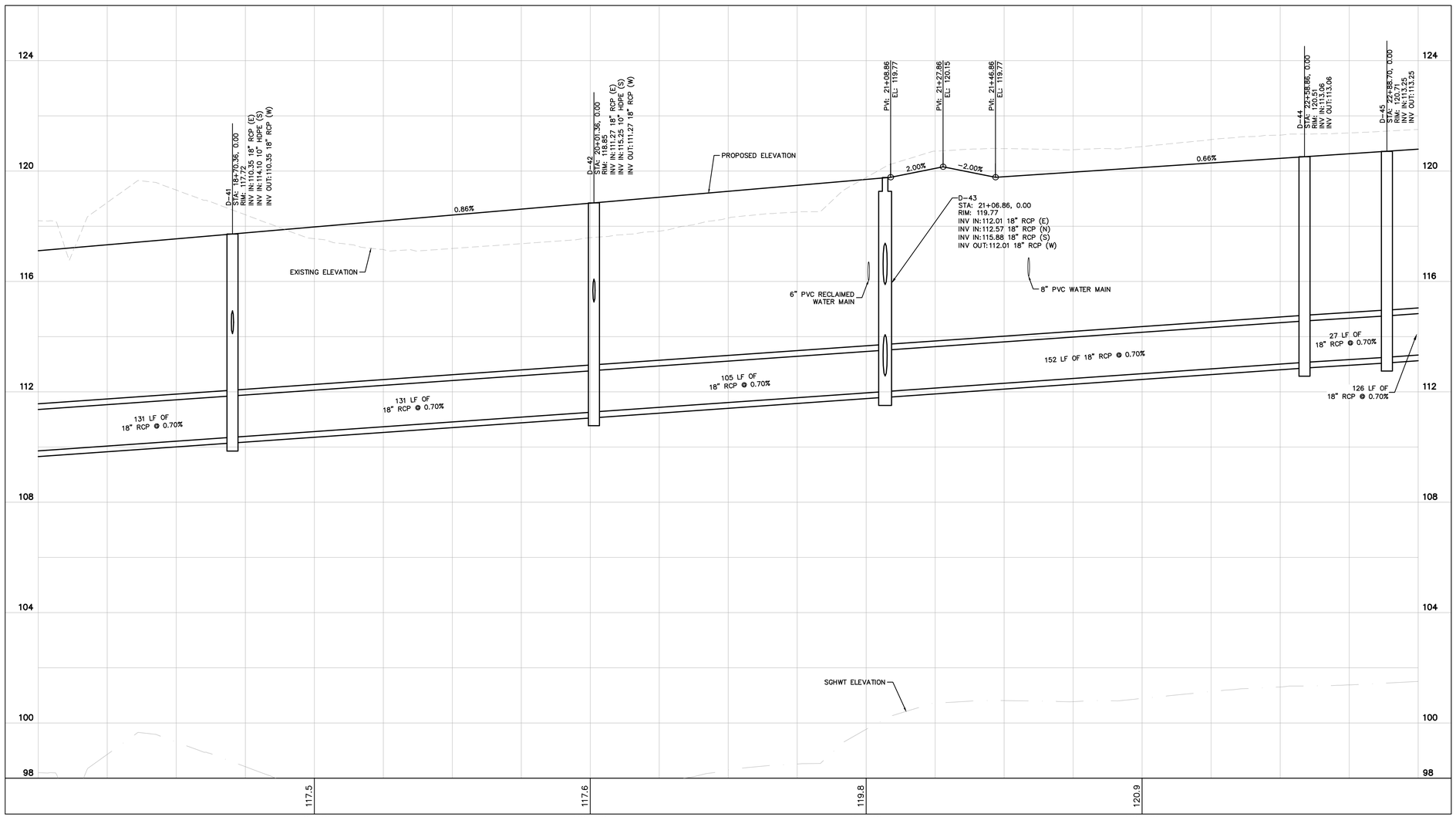




GRAPHIC SCALE IN FEET
0 10 20 40



KEY MAP
SCALE: 1" = 500'



GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-659-2433
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84906
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NAME: BRIAN S. ASHBY
LICENSED CONTRACTOR #: FL P.E. 84906

K-H PROJECT	DESIGNED BY	CHECKED BY
249490000	BJW	BSA
DATE	DRAWN BY	
04/03/2026	SJP	
SCALE AS SHOWN		

ALLEY ABC PLAN & PROFILE

CHANDLER ROW

CITY OF APOPKA FLORIDA

SHEET NUMBER
C7.7

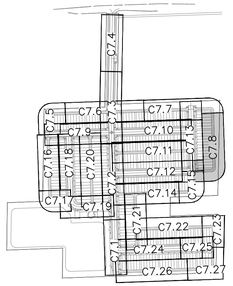
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:37-04'00'

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

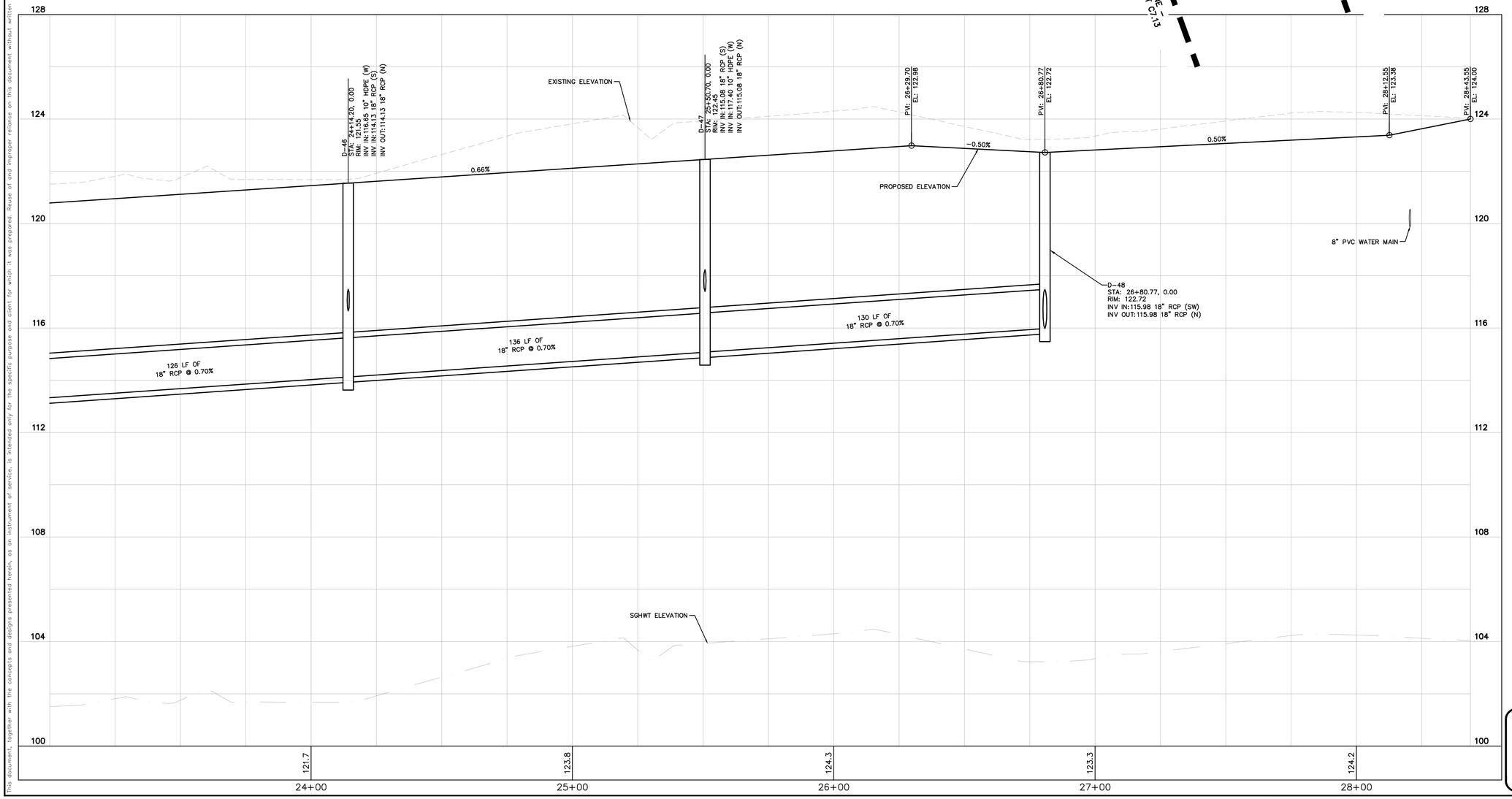




GRAPHIC SCALE IN FEET
0 10 20 40



KEY MAP
SCALE: 1" = 500'



GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.

6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-423-2323
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
CERTIFICATION NUMBER & FL P.E. 84496

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

ALLEY ABC PLAN & PROFILE

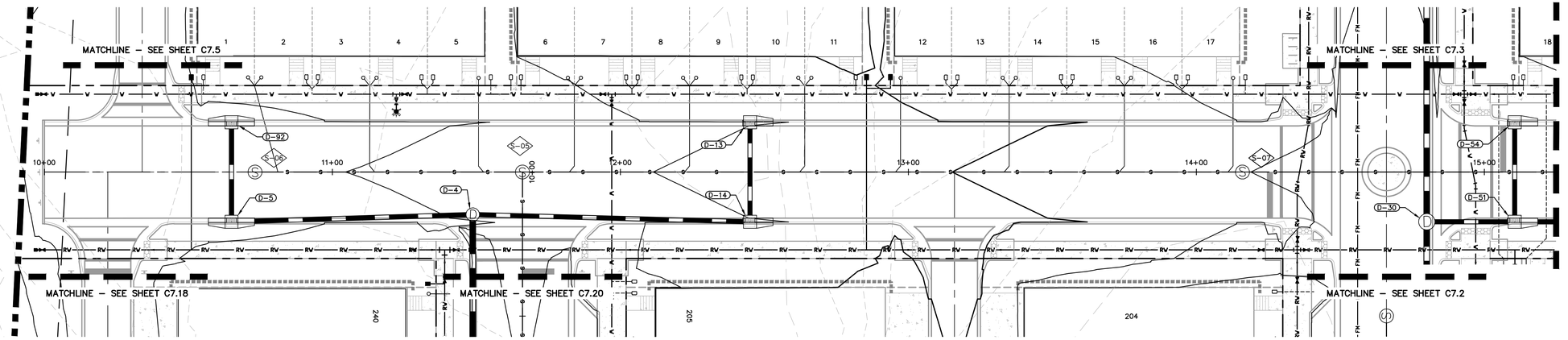
CHANDLER ROW

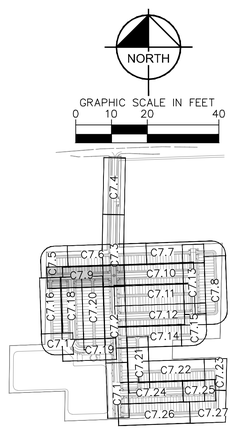
CITY OF APOPKA FLORIDA

SHEET NUMBER
C7.8

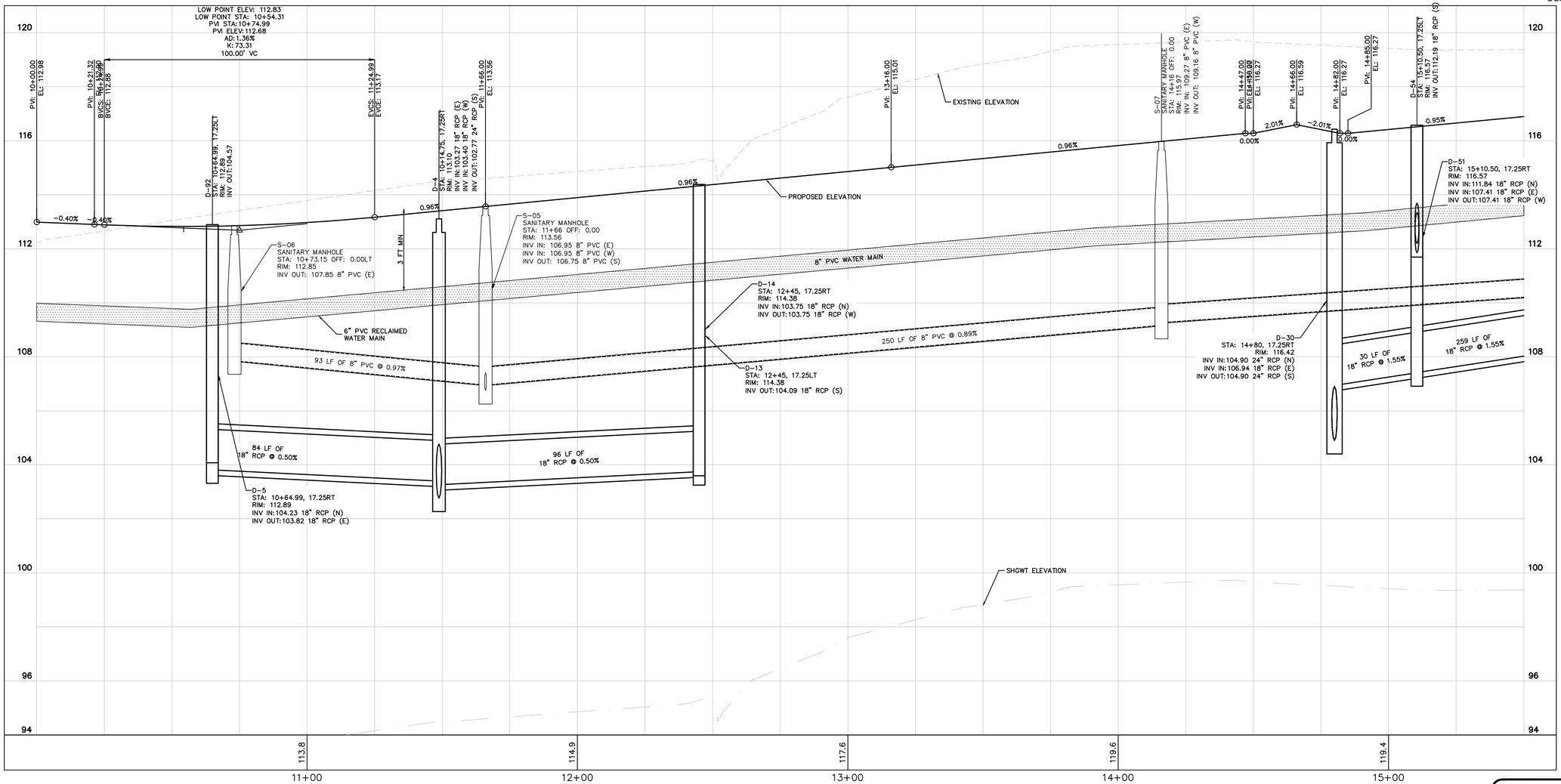
Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:37-04'00'

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





KEY MAP
SCALE: 1" = 500'



GRAPHIC SCALE IN FEET
0 1 2 4
VERTICAL
0 10 20 40
HORIZONTAL

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-623-4323
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84906
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HERE.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE NUMBER 84906 P.E. OR REGISTERED LANDSCAPE ARCHITECT

K-H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

ROAD A PLAN & PROFILE

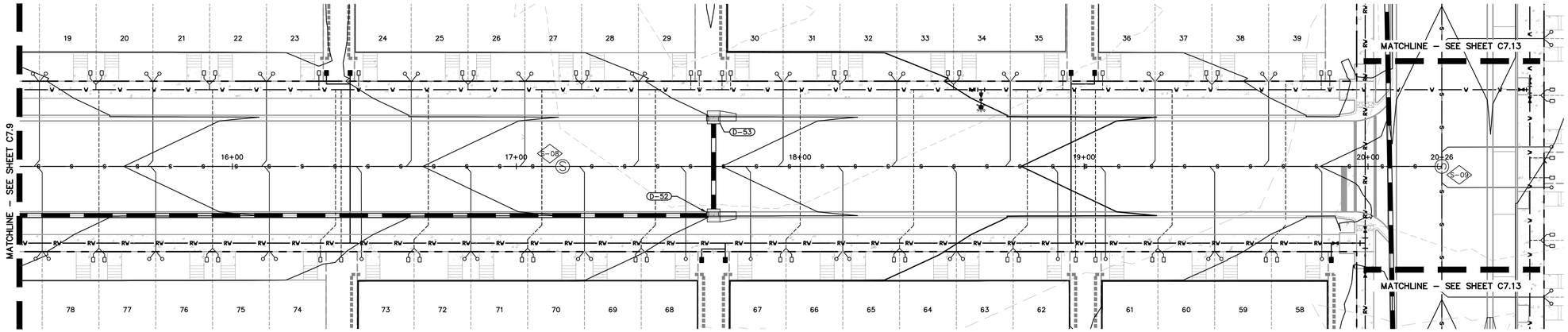
CHANDLER ROW

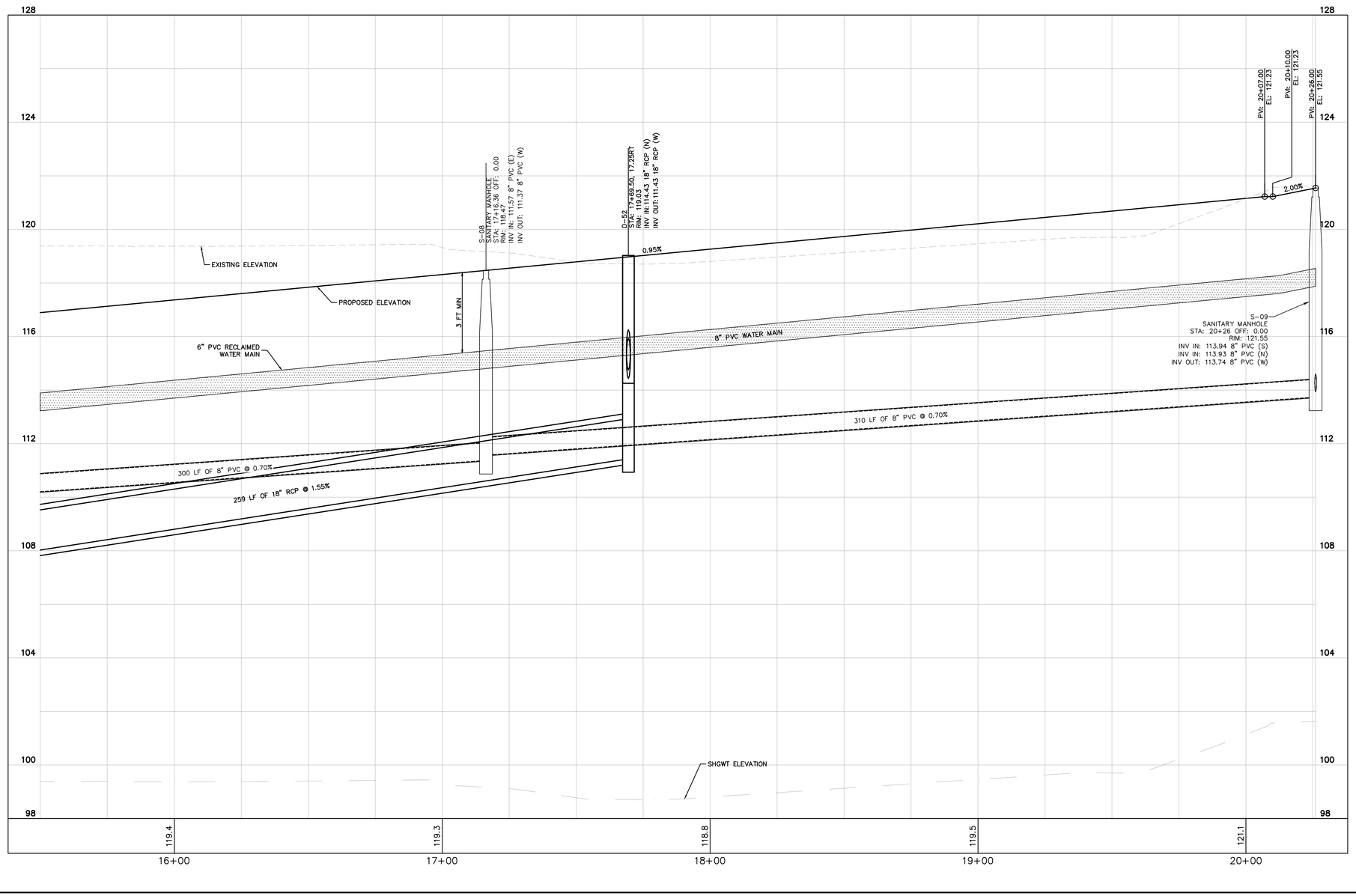
CITY OF APOPKA FLORIDA

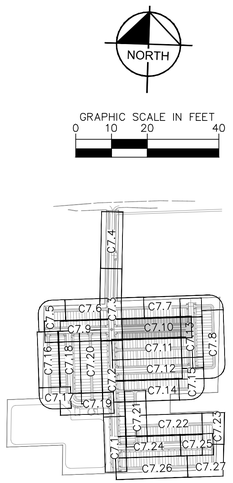
SHEET NUMBER
C7.9

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:40-04'00'
Brian S Ashby

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.







KEY MAP
SCALE: 1" = 500'

GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-623-4323
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, P.E. LICENSE NUMBER 81406
STATE OF FLORIDA, PROFESSIONAL ENGINEER
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
PRINTED COPIES OF THIS DOCUMENT SHOULD NOT BE CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE NUMBER: KIMLEY-HORN & ASSOCIATES, INC. E-PE 30495

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

ROAD A PLAN & PROFILE

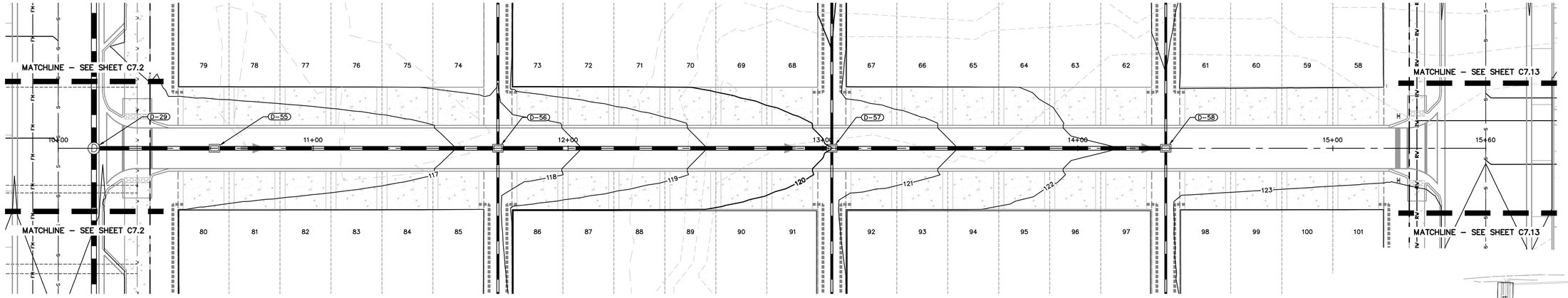
CHANDLER ROW

CITY OF APOPKA FLORIDA

SHEET NUMBER
C7.10

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:44-04'00'
Brian S Ashby

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



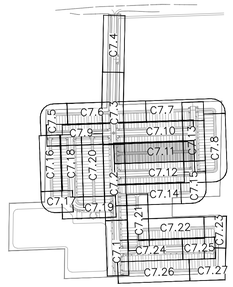
GRAPHIC SCALE IN FEET
0 10 20 40

NORTH

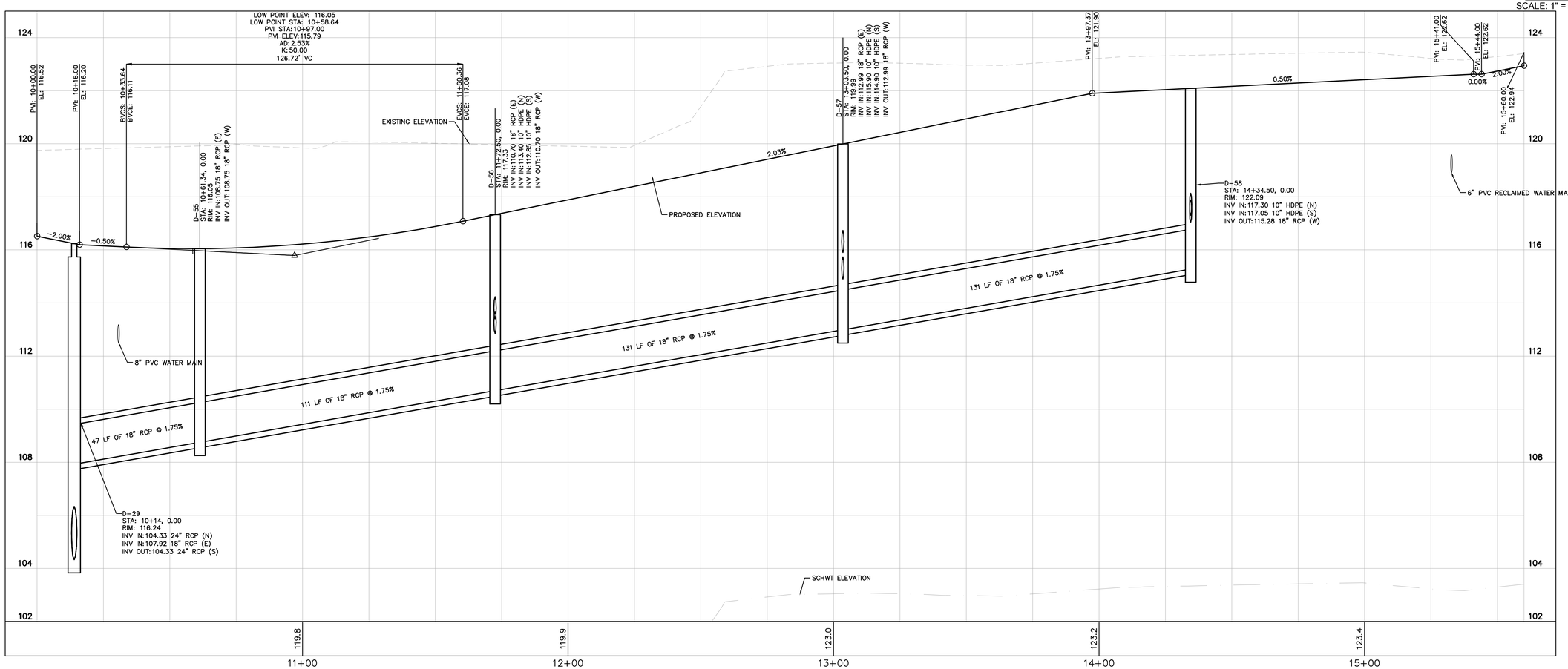
CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL



KEY MAP
SCALE: 1" = 500'



No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-622-4423
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84906
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE/REGISTRATION #: FL PE 84906

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

ALLEY F PLAN & PROFILE

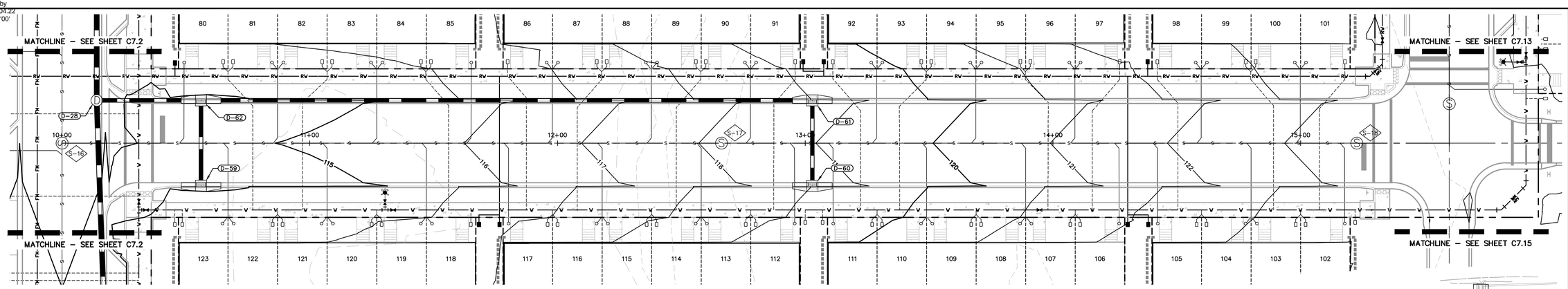
CHANDLER ROW

CITY OF APOPKA FLORIDA

SHEET NUMBER
C7.11

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:44-04'00'
Brian S Ashby

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

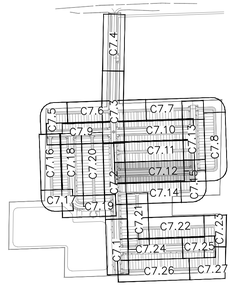


GRAPHIC SCALE IN FEET
0 10 20 40

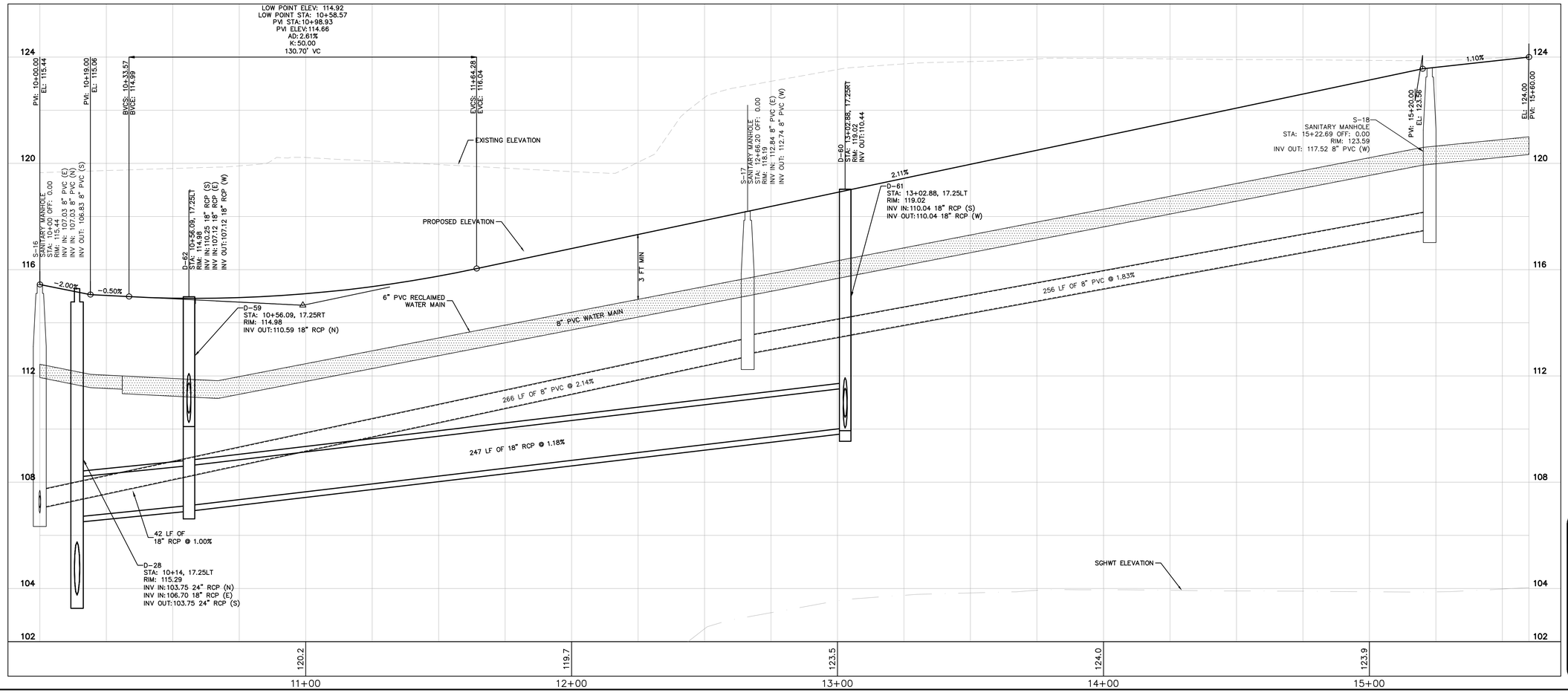
NORTH

GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL



KEY MAP
SCALE: 1" = 500'



CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-623-4323
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

NAME: BRIAN S. ASHBY
CONSTRUCTION CONTACT #: P.E. NO. 84496

ROAD C PLAN & PROFILE

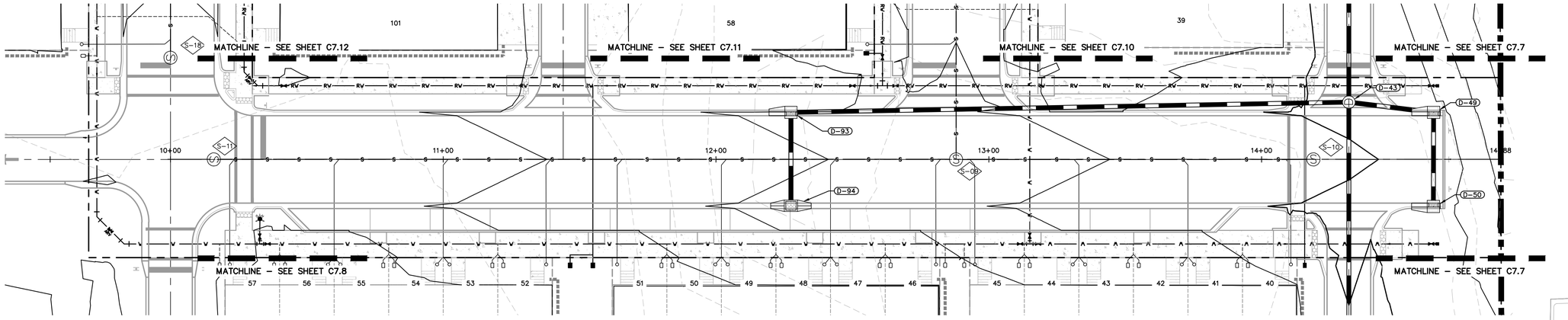
CHANDLER ROW

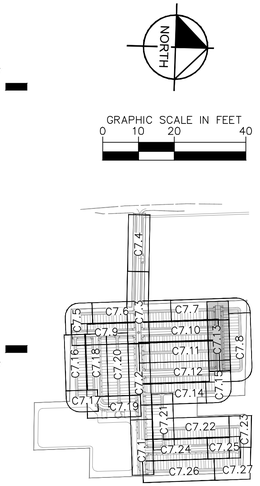
FLORIDA

CITY OF APOPKA

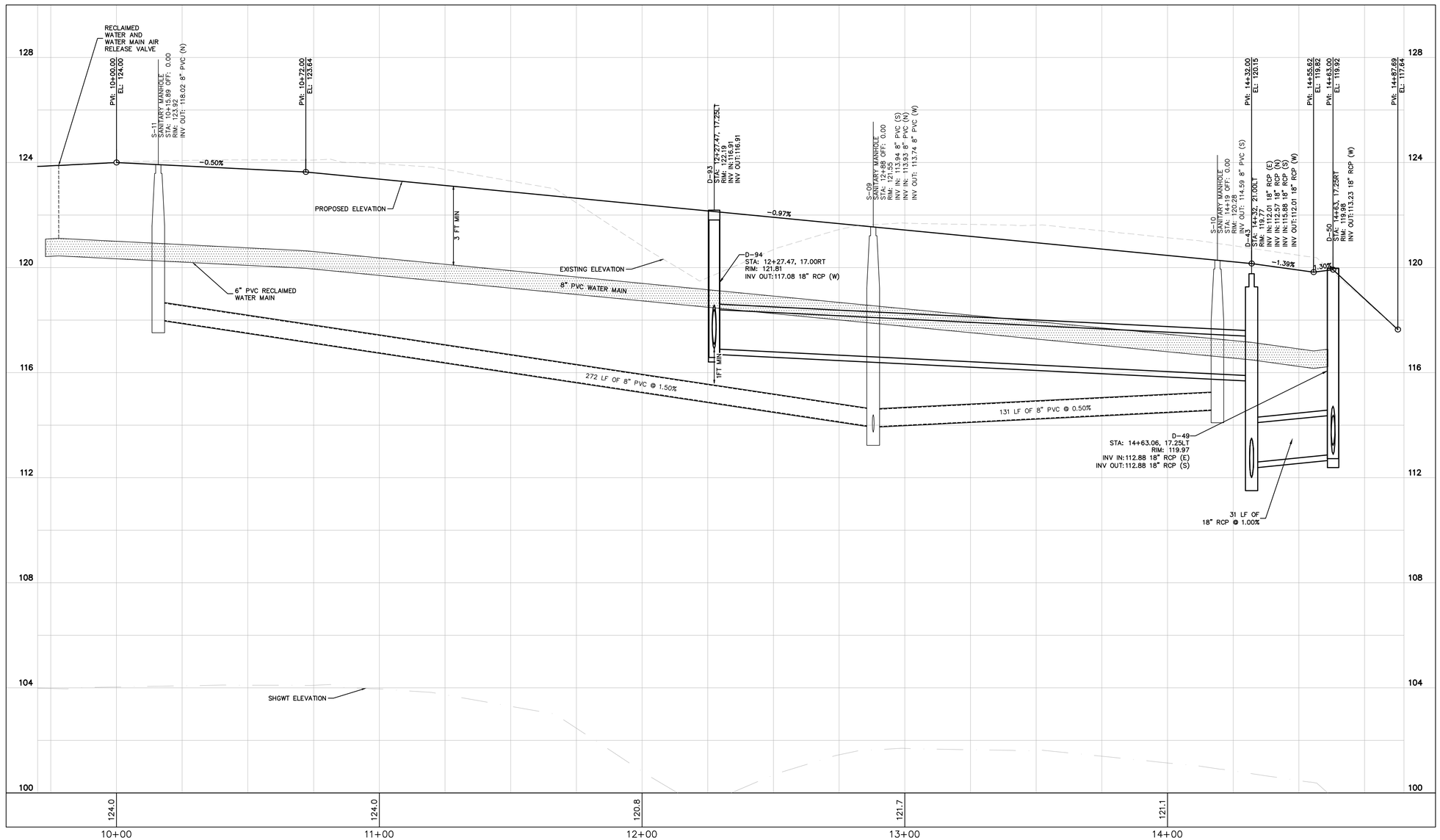
SHEET NUMBER
C7.12

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:45-04'00'
Brian S Ashby





KEY MAP
SCALE: 1" = 500'



GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.

6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-623-2424
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
DANIEL ASHBY, 2ST ET 2ST FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIANA S. ASHBY
LICENSE/REGISTRATION #: E-81.30496

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

ROAD D PLAN & PROFILE

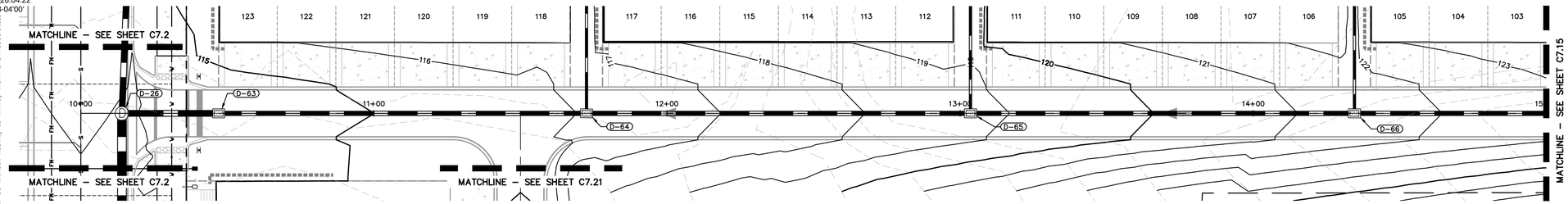
CHANDLER ROW

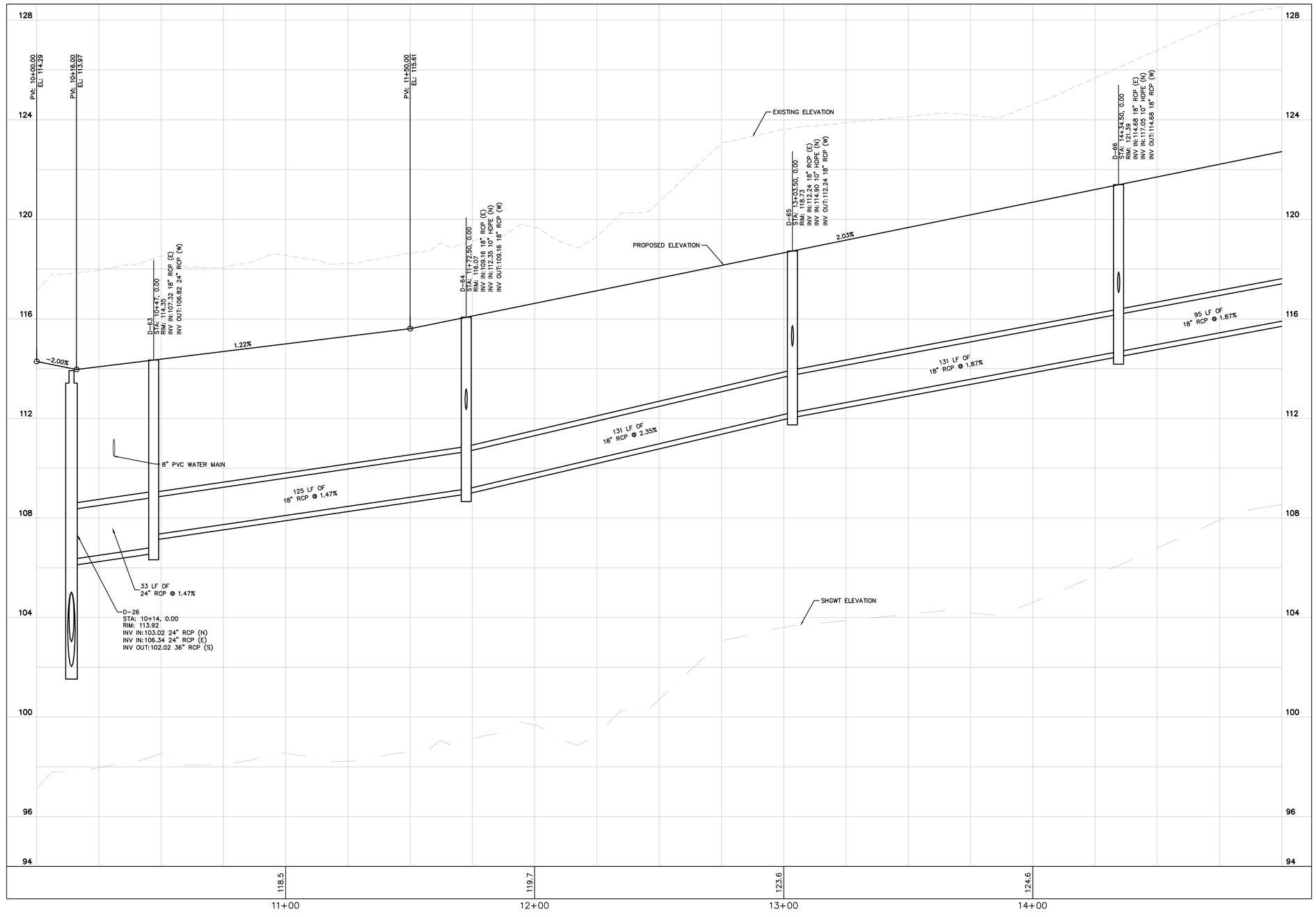
CITY OF APOPKA FLORIDA

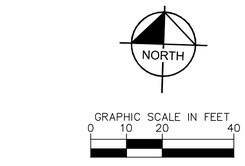
SHEET NUMBER
C7.13

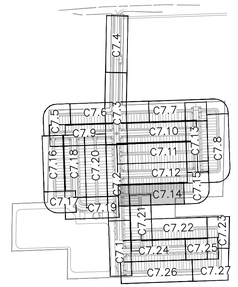
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:48-04'00'









KEY MAP
SCALE: 1" = 500'

GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.

6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NAME: BRIAN S. ASHBY
CERTIFICATE OF AUTHORIZATION #: E-PE 30496

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

ALLEY G PLAN & PROFILE

CHANDLER ROW

FLORIDA

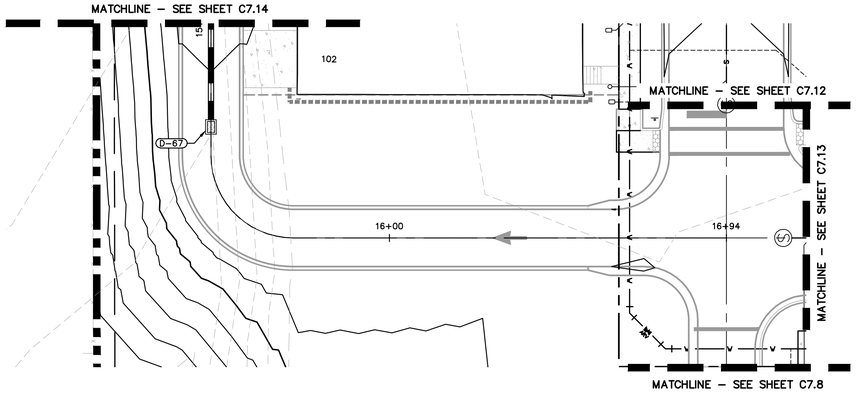
CITY OF APOPKA

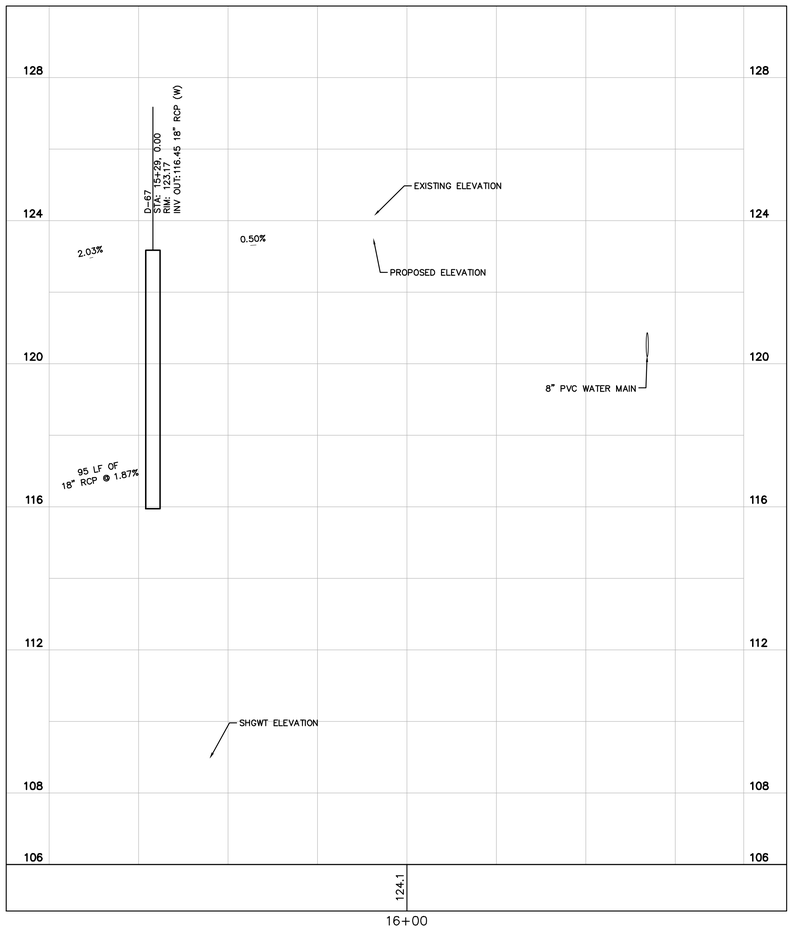
SHEET NUMBER
C7.14

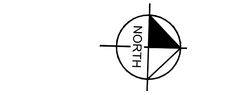
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:51-04'00'

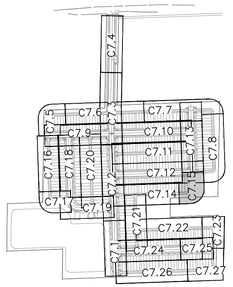
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.







GRAPHIC SCALE IN FEET
0 10 20 40



KEY MAP
SCALE: 1" = 500'

GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-623-4323
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, JR/ST, PE (FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84906)
THE ELECTRONIC SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
ADDITIONS OR DELETIONS TO SEALED DOCUMENTS MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE/REGISTRATION #: FL PE 84906

K-H PROJECT	249490000	DESIGNED BY	BJW
DATE	04/03/2026	DRAWN BY	SJP
SCALE	AS SHOWN	CHECKED BY	BSA

ALLEY G PLAN & PROFILE

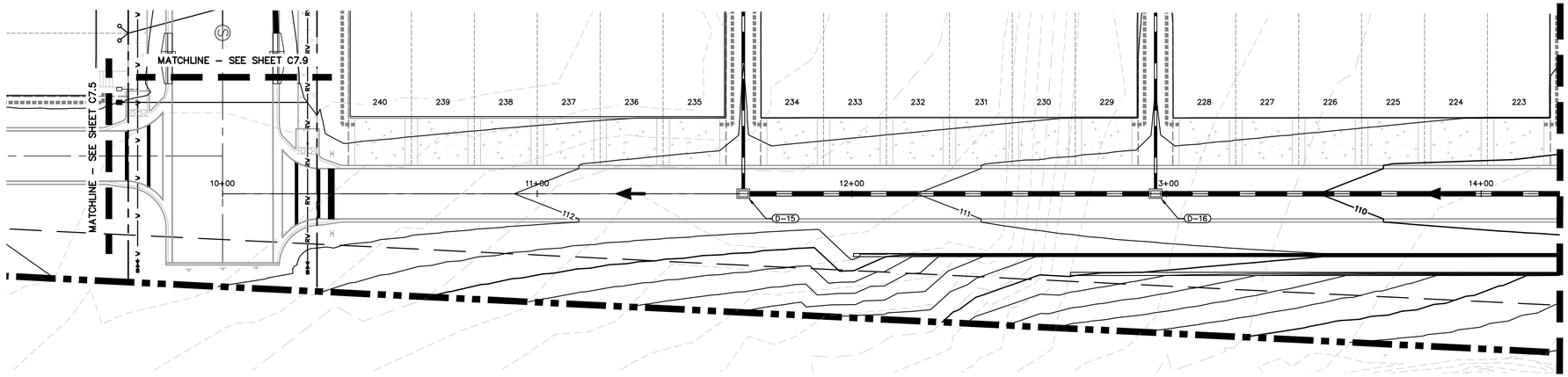
CHANDLER ROW

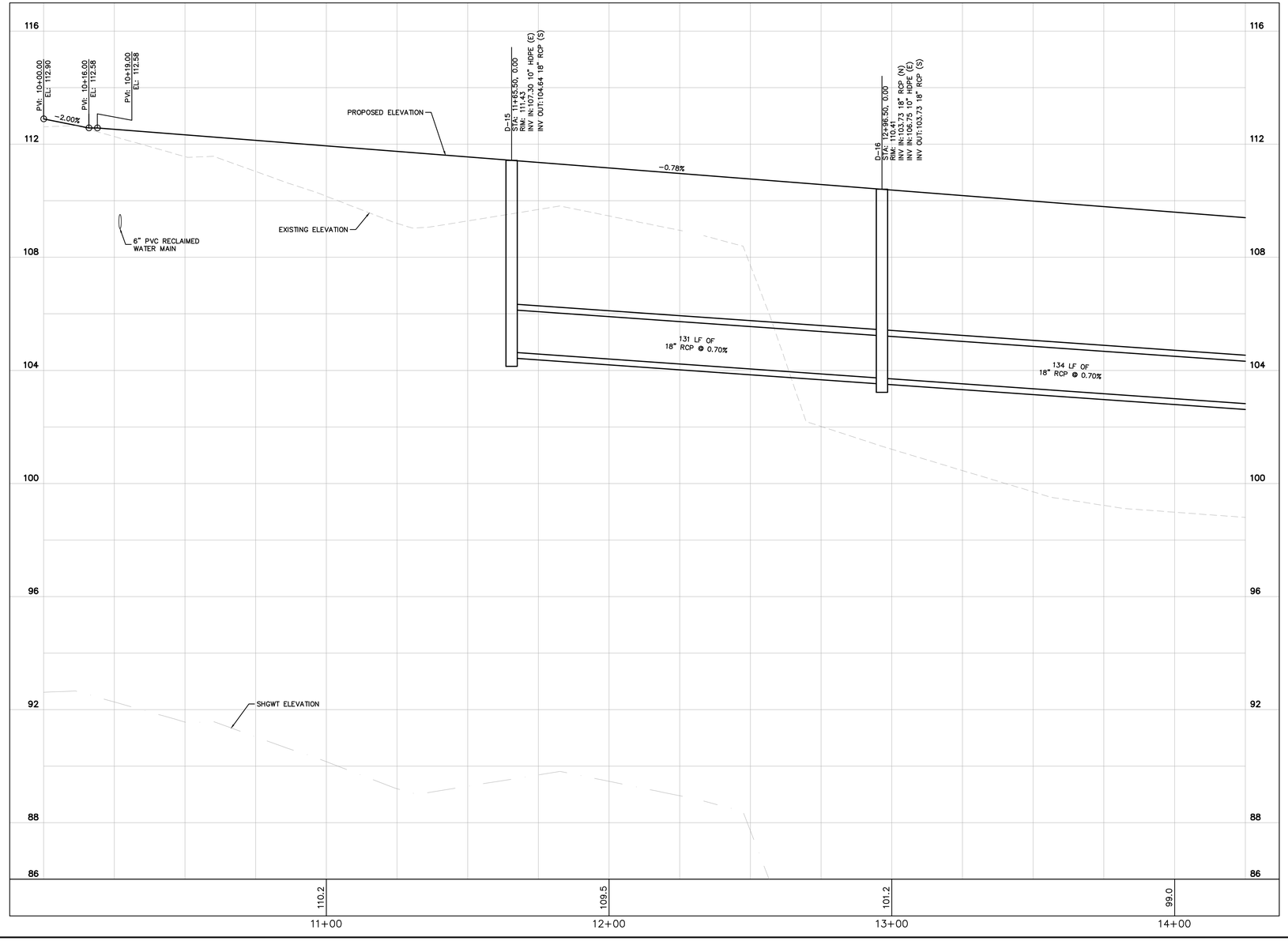
CITY OF APOPKA FLORIDA

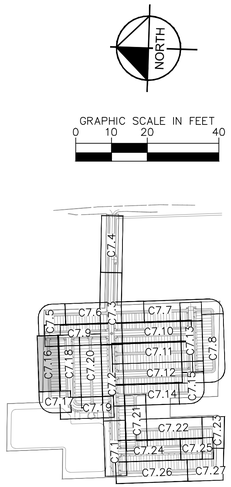
SHEET NUMBER
C7.15

Digitally signed by Brian S Ashby
Brian S Ashby Date: 2026.04.22 13:18:51-04'00'

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.







KEY MAP
SCALE: 1" = 500'

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-423-0030
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, JR/ST, PE LICENSE, PROFESSIONAL ENGINEER, LICENSE NO. 84496
THE ELECTRONIC SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NAME: BRIAN S. ASHBY
LICENSE/REGISTRATION #: FL PE 84496

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

ALLEY D PLAN & PROFILE

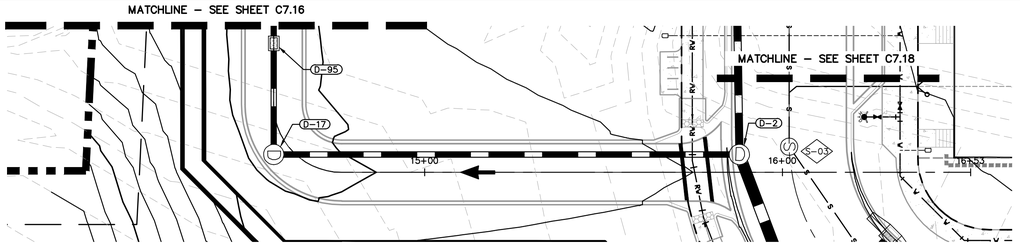
CHANDLER ROW

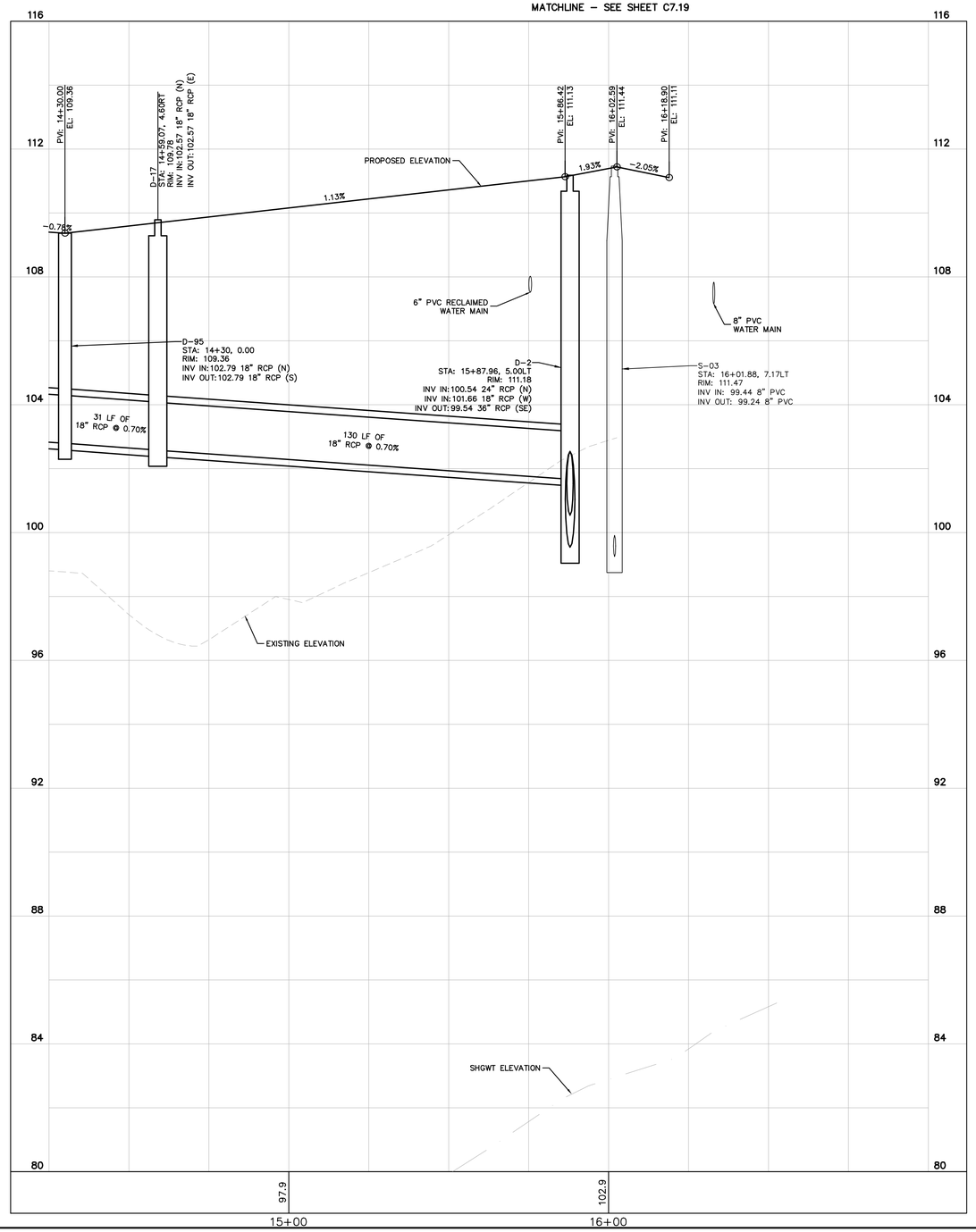
CITY OF APOPKA FLORIDA

SHEET NUMBER
C7.16

Digitally signed by Brian S Ashby
Brian S Ashby Date: 2026.04.22 13:18:53-04'00'

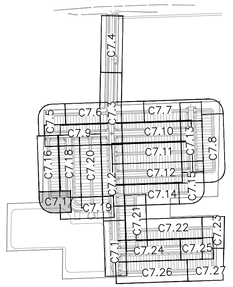
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.







GRAPHIC SCALE IN FEET
0 10 20 40



KEY MAP
SCALE: 1" = 500'



GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-623-4323
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, JR.
LICENSE NO. 84496
STATE OF FLORIDA
ADDITIONS OR DELETIONS TO SEALED DRAWINGS OR REPORTS BY OTHER THAN THE SEALING ENGINEER IS PROHIBITED.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE NUMBER # FL PE 84496

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

ALLEY D PLAN & PROFILE

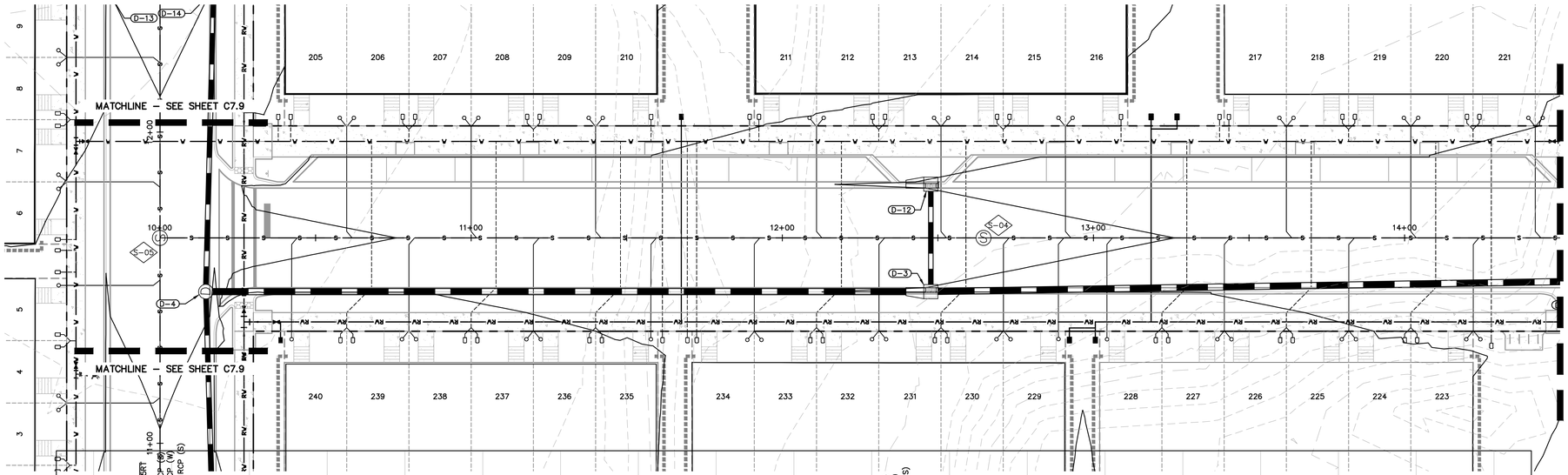
CHANDLER ROW

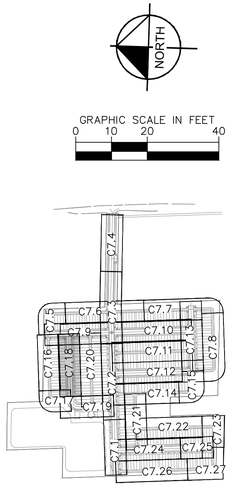
CITY OF APOPKA FLORIDA

SHEET NUMBER
C7.17

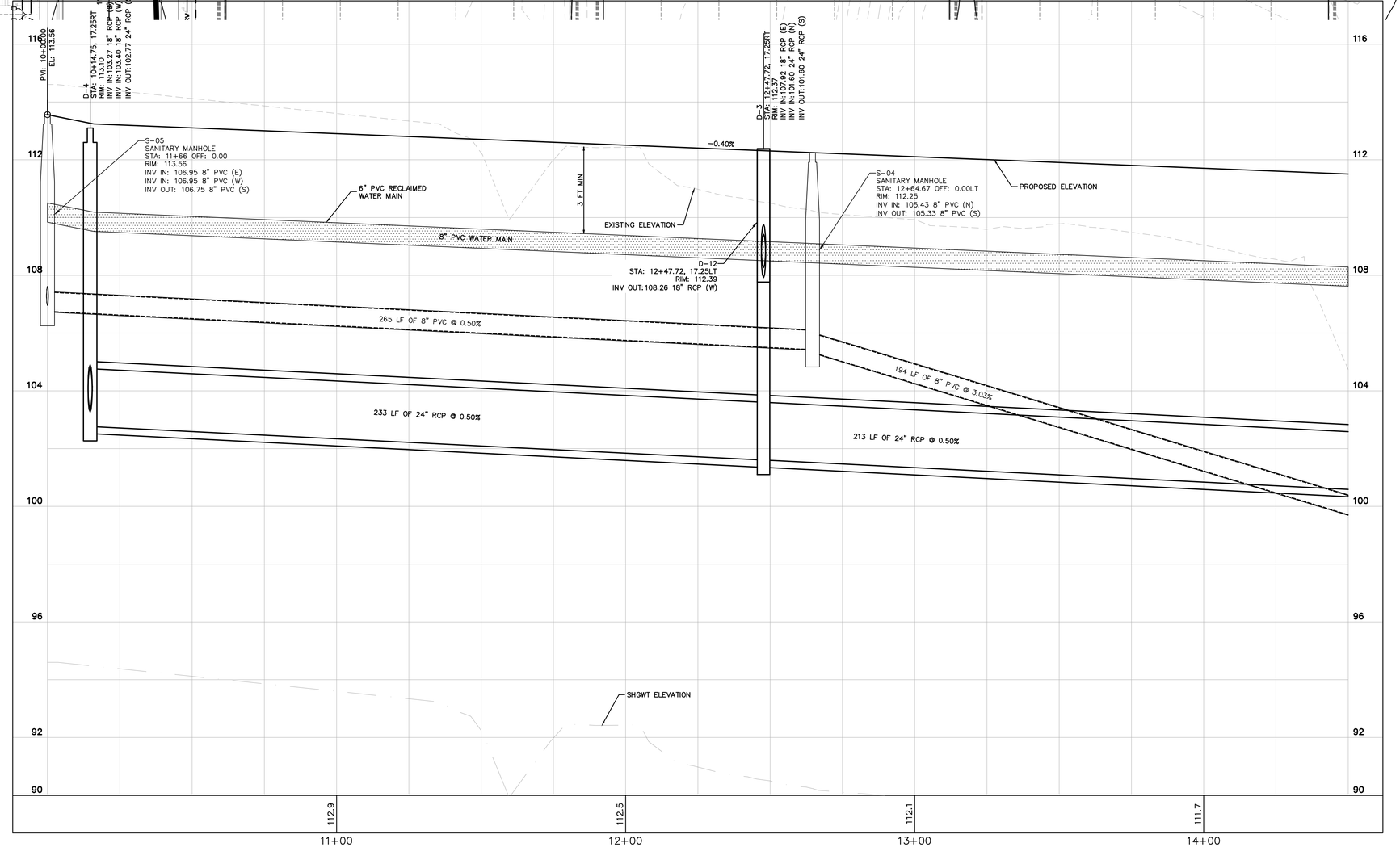
Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:56-04'00'

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





KEY MAP
SCALE: 1" = 500'



CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
ITEMS LISTED IN THIS TITLE BLOCK HAVE BEEN SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREIN.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE NUMBER: FL P.E. 84496

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

ROAD B PLAN & PROFILE

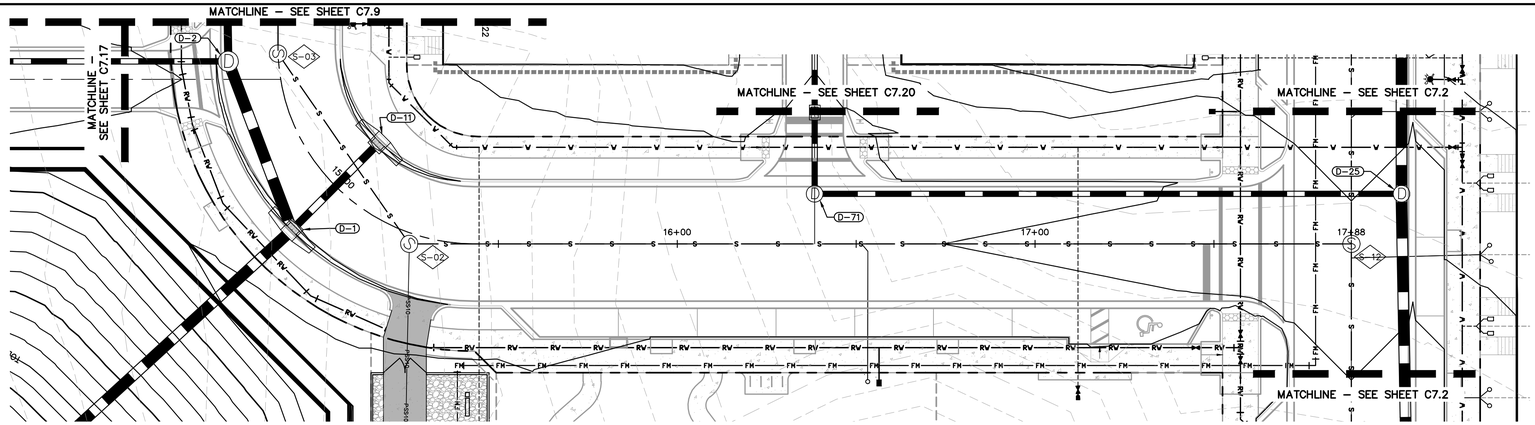
CHANDLER ROW

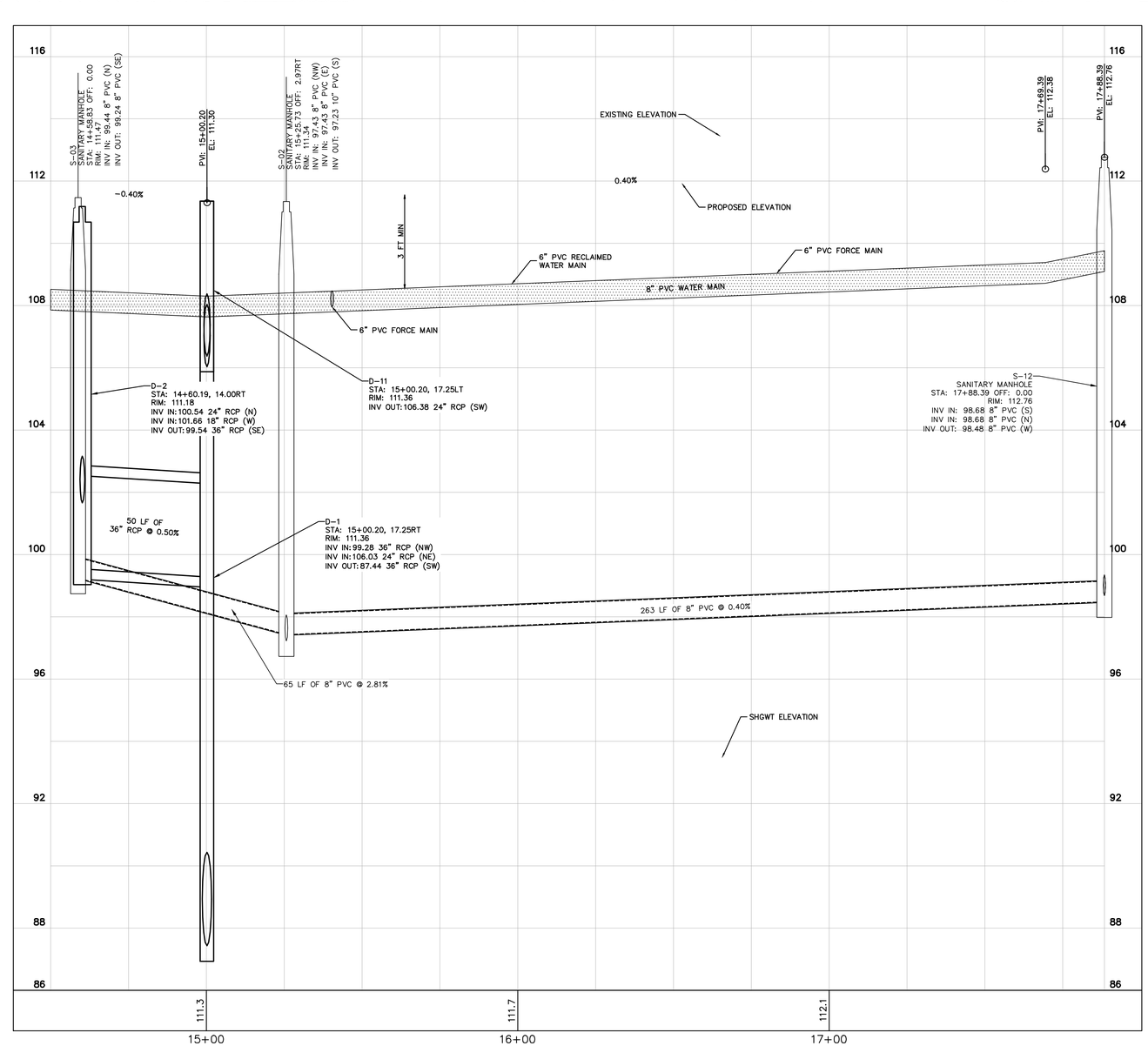
CITY OF APOPKA FLORIDA

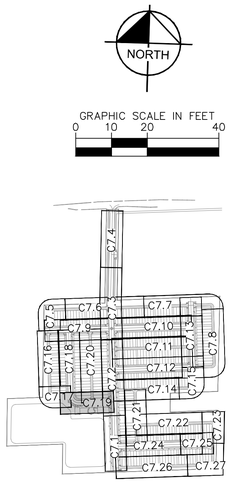
SHEET NUMBER
C7.18

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:57-04'00'

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates.







KEY MAP
SCALE: 1" = 500'

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-623-4323
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84906
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HERE.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE/REGISTRATION #: FL PE 84906

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

ROAD B PLAN & PROFILE

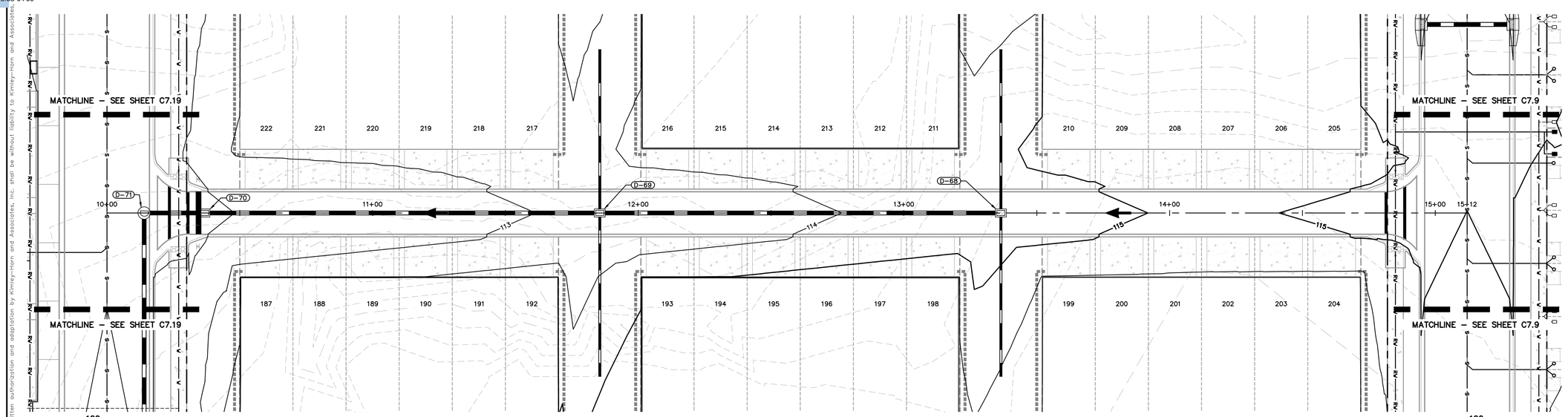
CHANDLER ROW

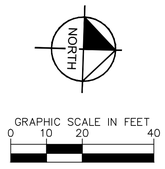
CITY OF APOPKA FLORIDA

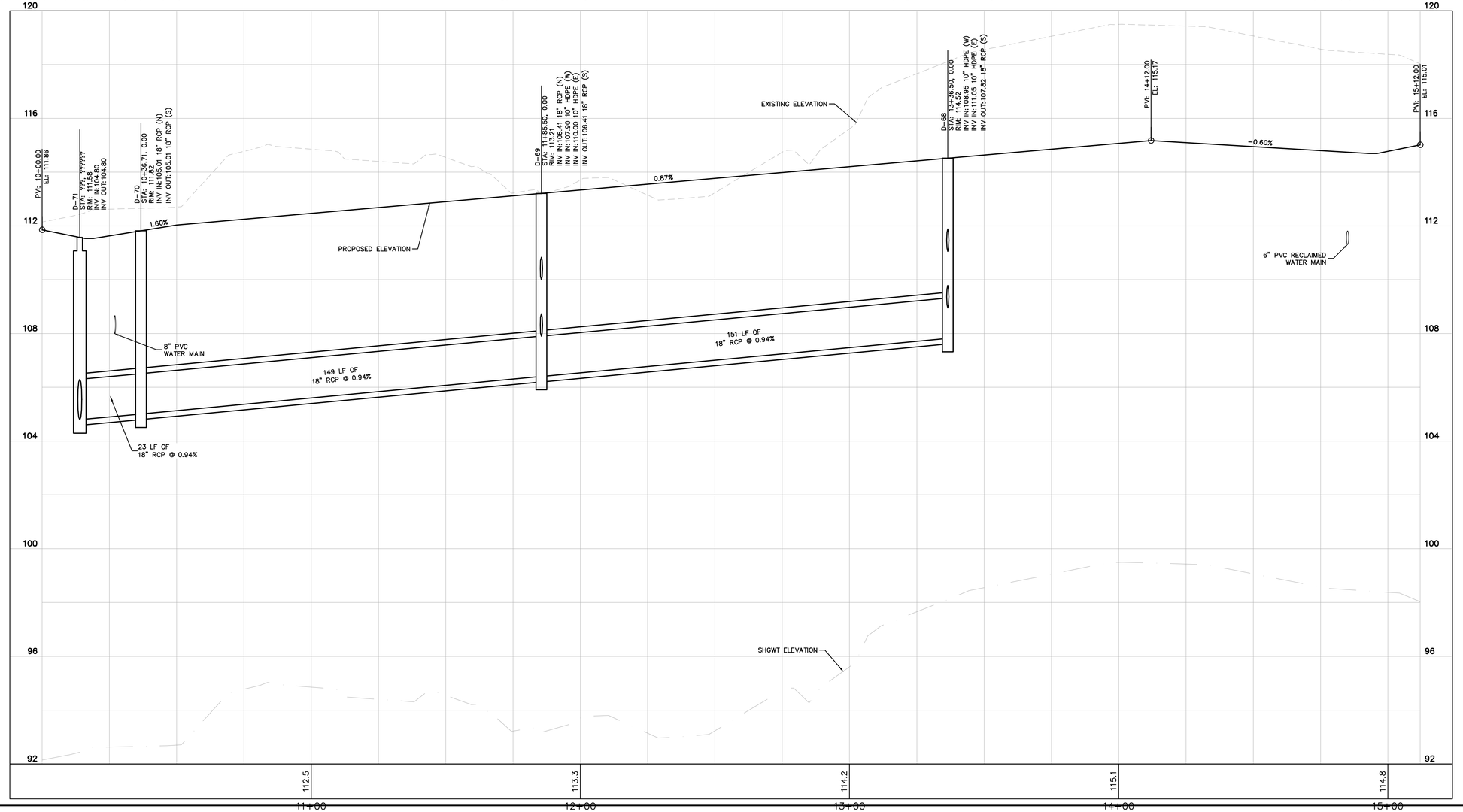
SHEET NUMBER
C7.19

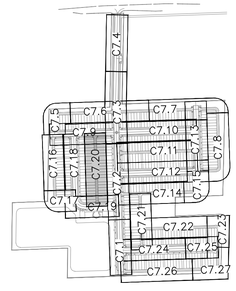
CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:58-04'00'









KEY MAP
SCALE: 1" = 500'

GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-623-4323
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84906
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HERE.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSURE REGISTRATION #: FL PE 84906

K-H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

ALLEY E PLAN & PROFILE

CHANDLER ROW

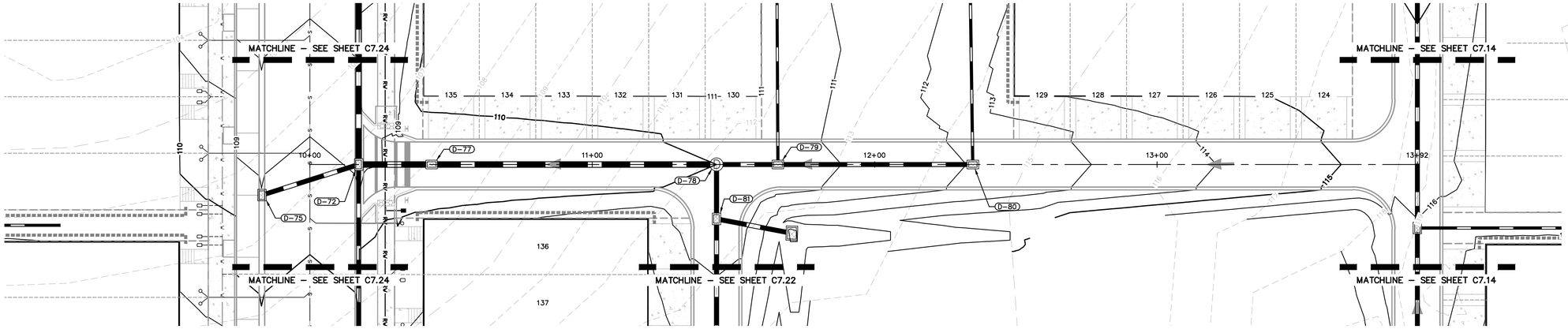
CITY OF APOPKA FLORIDA

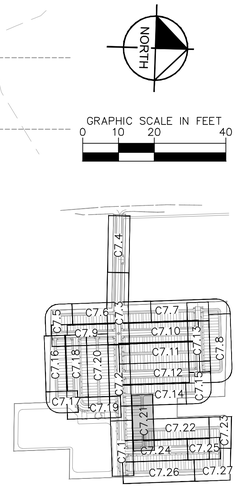
SHEET NUMBER
C7.20

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

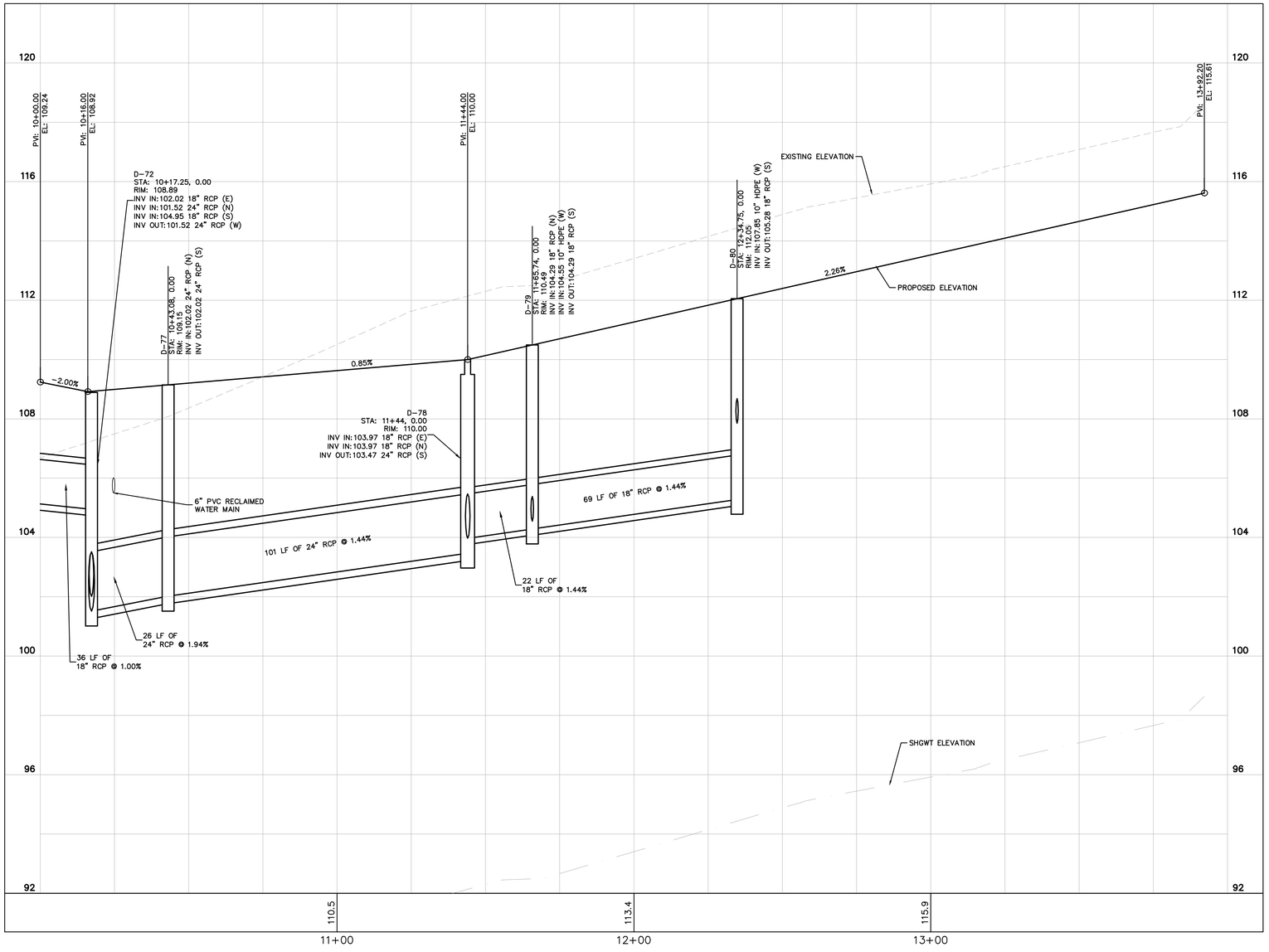
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:18:59-04'00'
Brian S Ashby

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





KEY MAP
SCALE: 1" = 500'



GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's **below.** **Call** before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.

6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84906
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE NUMBER: 84906 FL PE BOARD

K-H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

ALLEY H PLAN & PROFILE

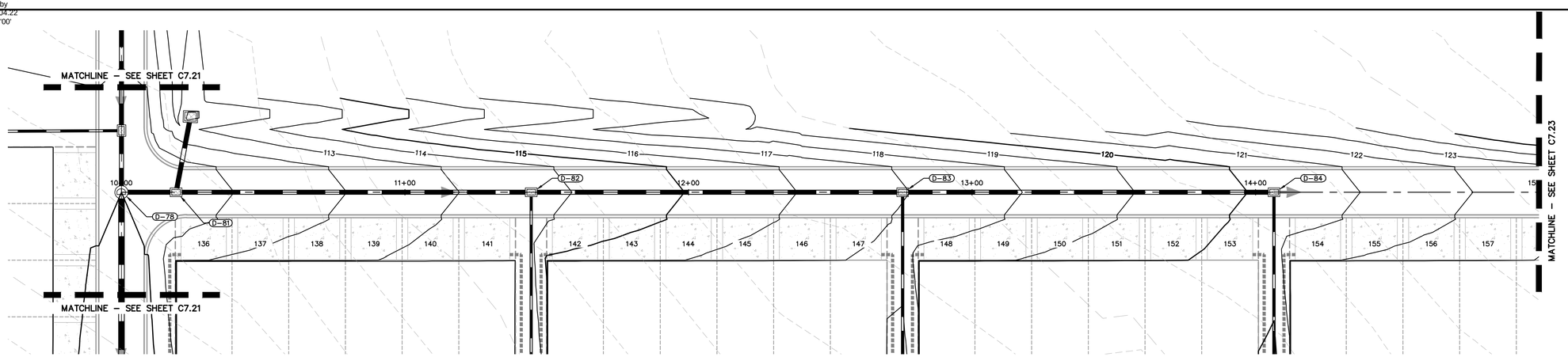
CHANDLER ROW

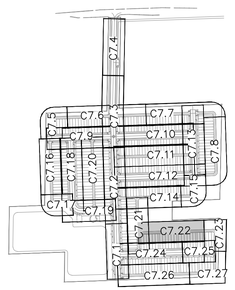
CITY OF APOPKA FLORIDA

SHEET NUMBER
C7.21

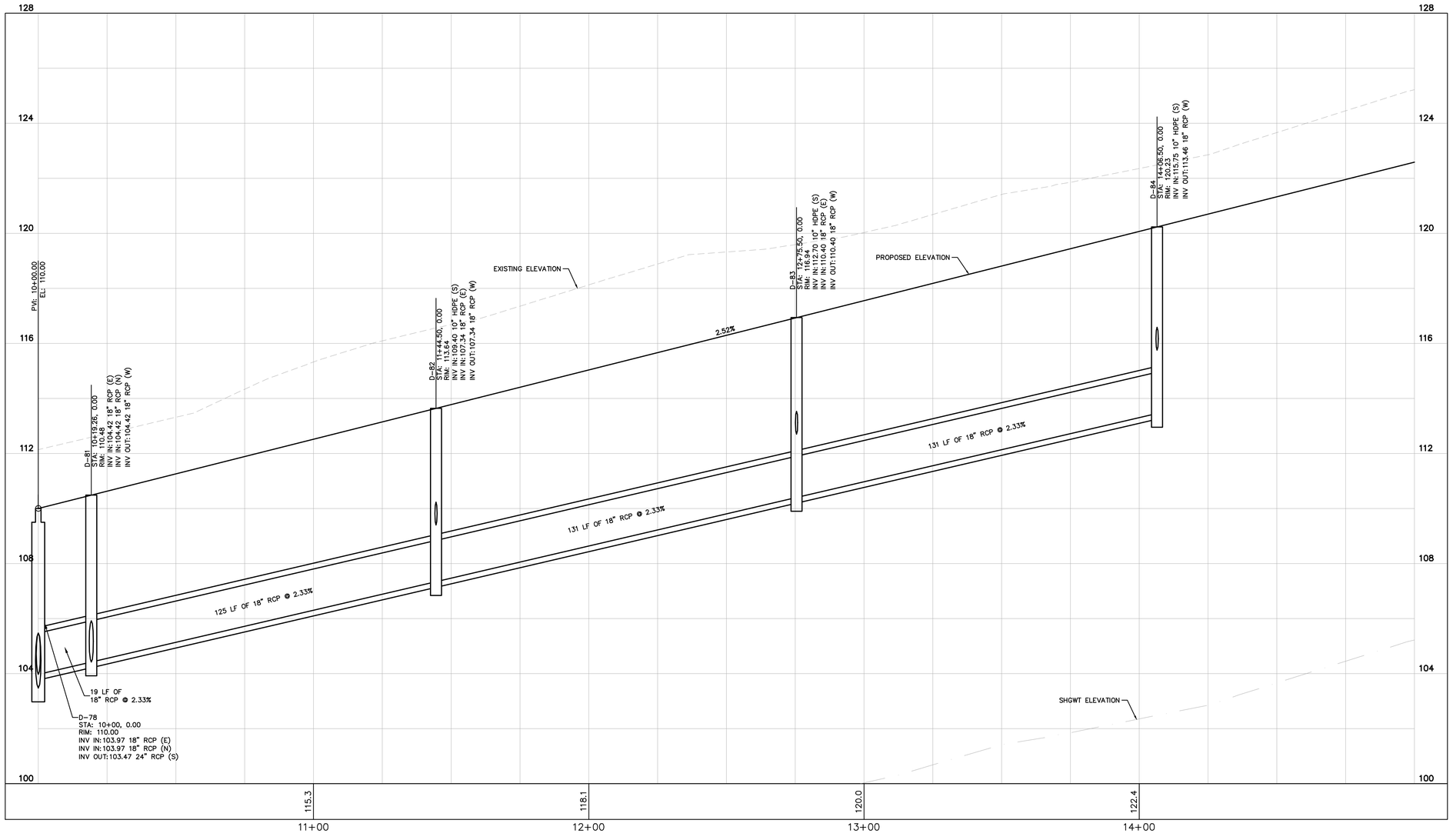
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:19:00-04'00'
Brian S Ashby

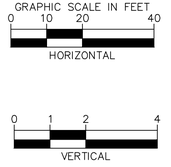
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





KEY MAP
SCALE: 1" = 500'





CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-659-2433
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, P.E. LICENSE NUMBER 84496
STATE OF FLORIDA
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE NUMBER: 84496 P.E. REGISTERED

K-H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

ALLEY I PLAN & PROFILE

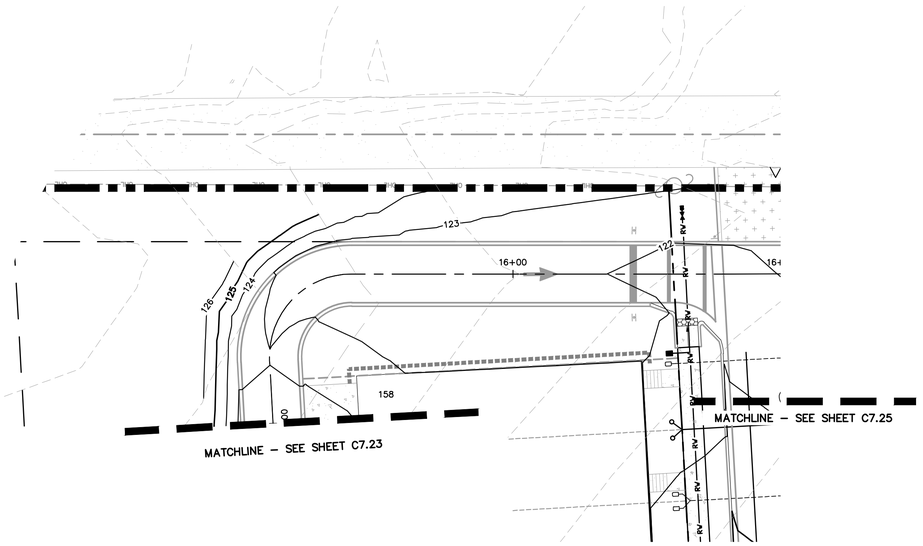
CHANDLER ROW

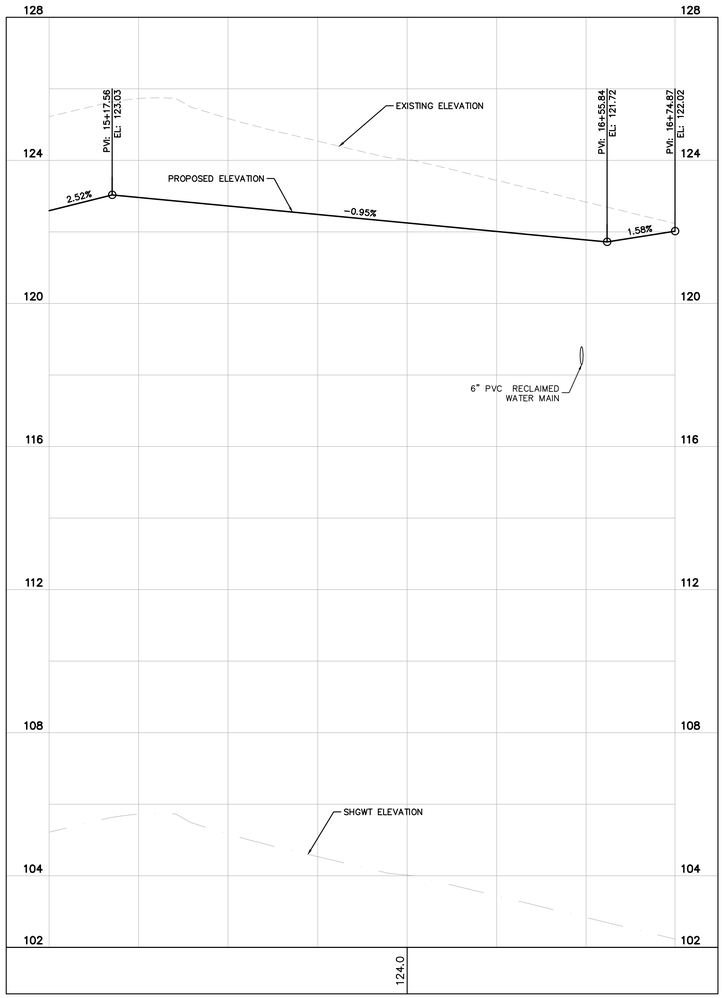
CITY OF APOPKA FLORIDA

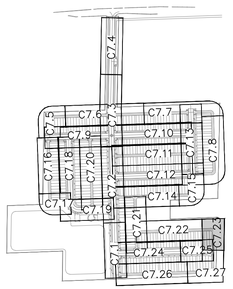
SHEET NUMBER
C7.22

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:19:03-04'00'
Brian S Ashby

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.







KEY MAP
SCALE: 1" = 500'

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-423-0243
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
"ITEMS LISTED ABOVE ARE ELECTRONICALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREIN."
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE NUMBER: FLORIDA P.E. NO. 84496

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

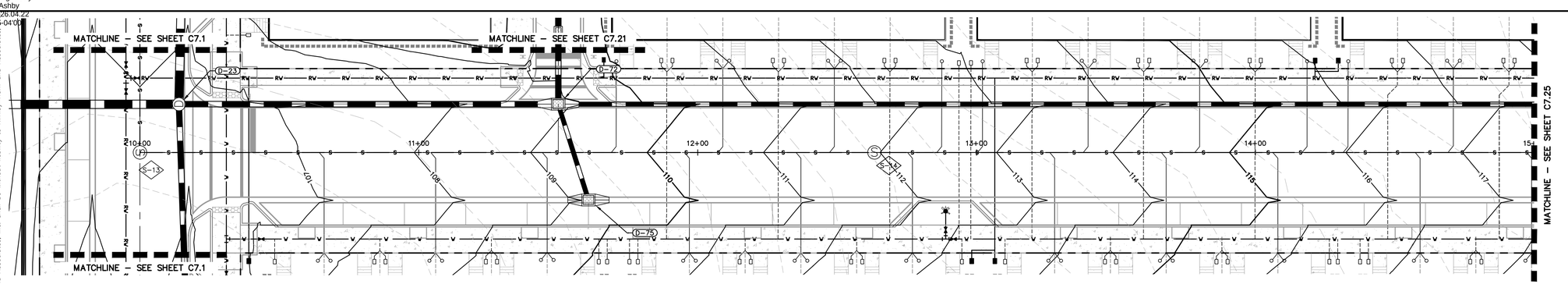
ALLEY I PLAN & PROFILE

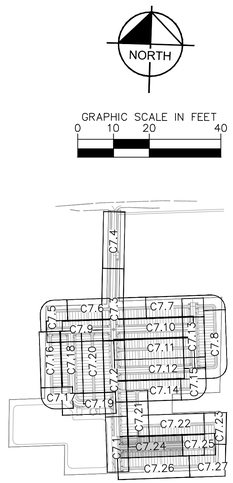
CHANDLER ROW

CITY OF APOPKA FLORIDA

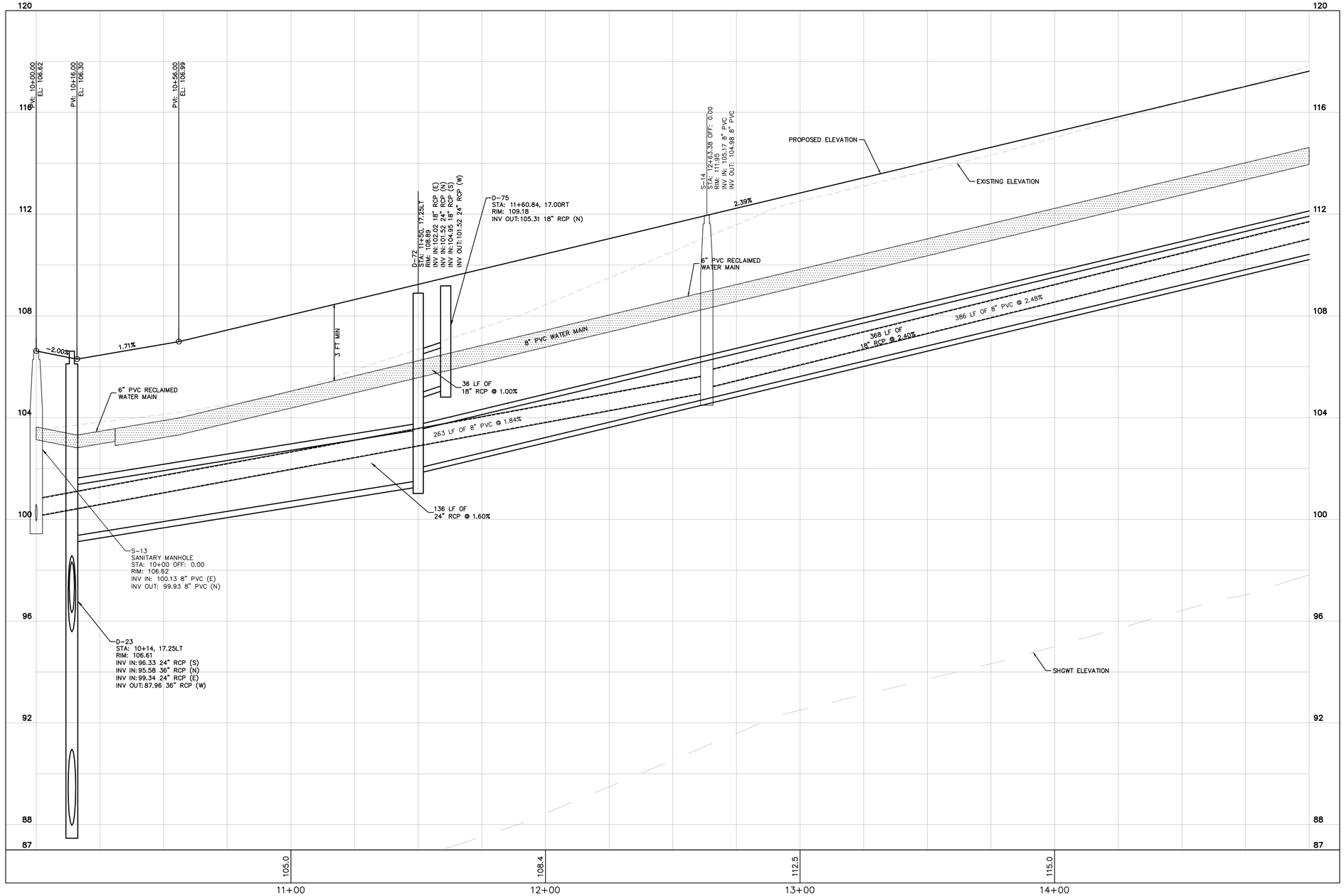
SHEET NUMBER
C7.23

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:19:05-04'00'
Brian S Ashby





KEY MAP
SCALE: 1" = 500'



GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-623-4323
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NAME: BRIAN S. ASHBY
LICENSE NUMBER: FLPE 84496

K–H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

ROAD E PLAN & PROFILE

CHANDLER ROW

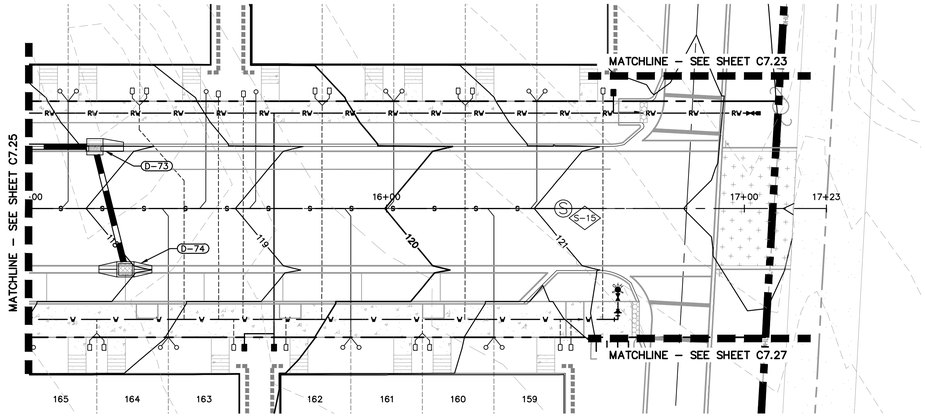
CITY OF APOPKA FLORIDA

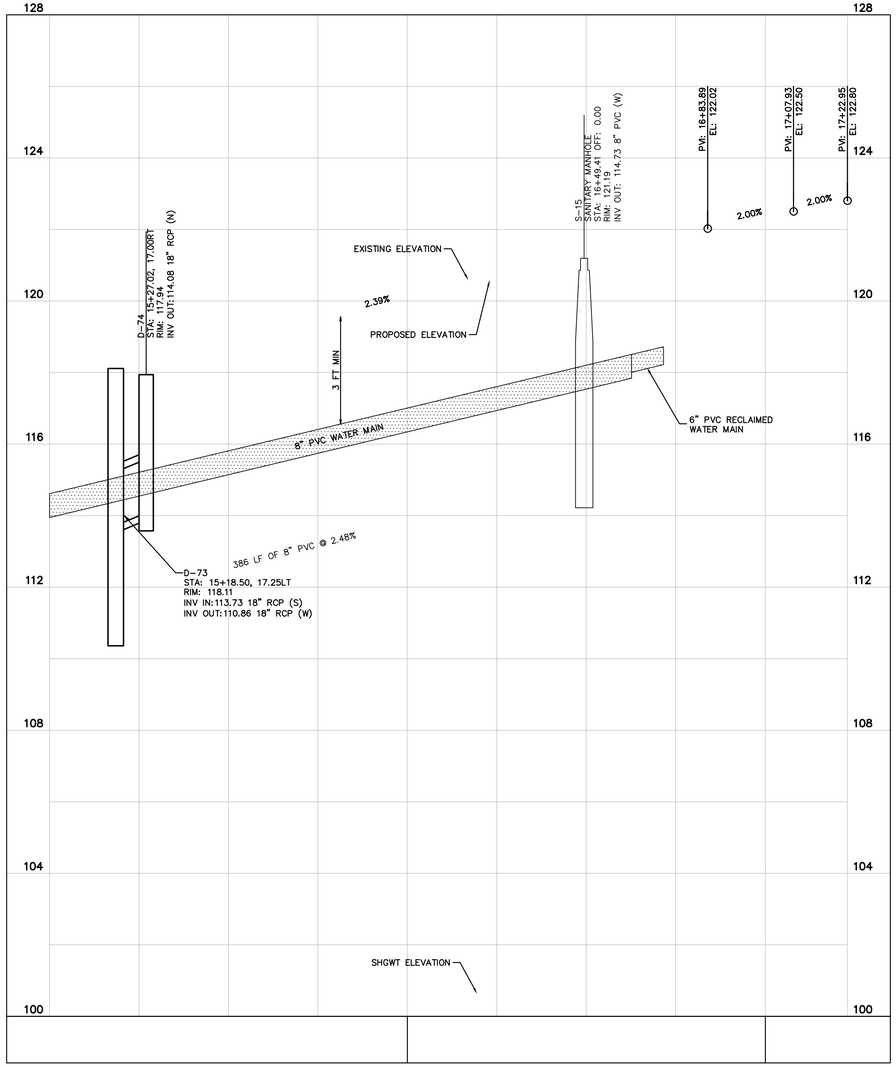
SHEET NUMBER
C7.24

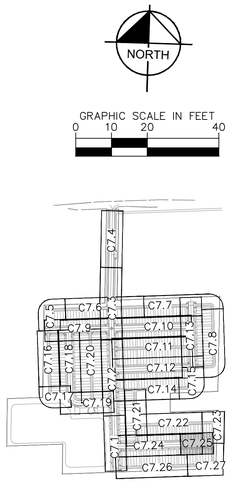
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:19:07-04'00'

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates.







KEY MAP
SCALE: 1" = 500'

GRAPHIC SCALE IN FEET
0 10 20 40

GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-628-4233
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIANA. ASHBY, JR.67, P.E. (FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84456)
THE FLORIDA ENGINEER WHOSE NAME APPEARS HEREON AND WHO SEALED THIS DOCUMENT, HEREBY CERTIFIES THAT HE OR SHE HAS AUTHORIZED THE SEALING OF THIS DOCUMENT ON THE DATE ADJACENT TO HIS OR HER SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIANA. ASHBY
LICENSE NUMBER: FLORIDA P.E. NO. 84456

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

ROAD E PLAN & PROFILE

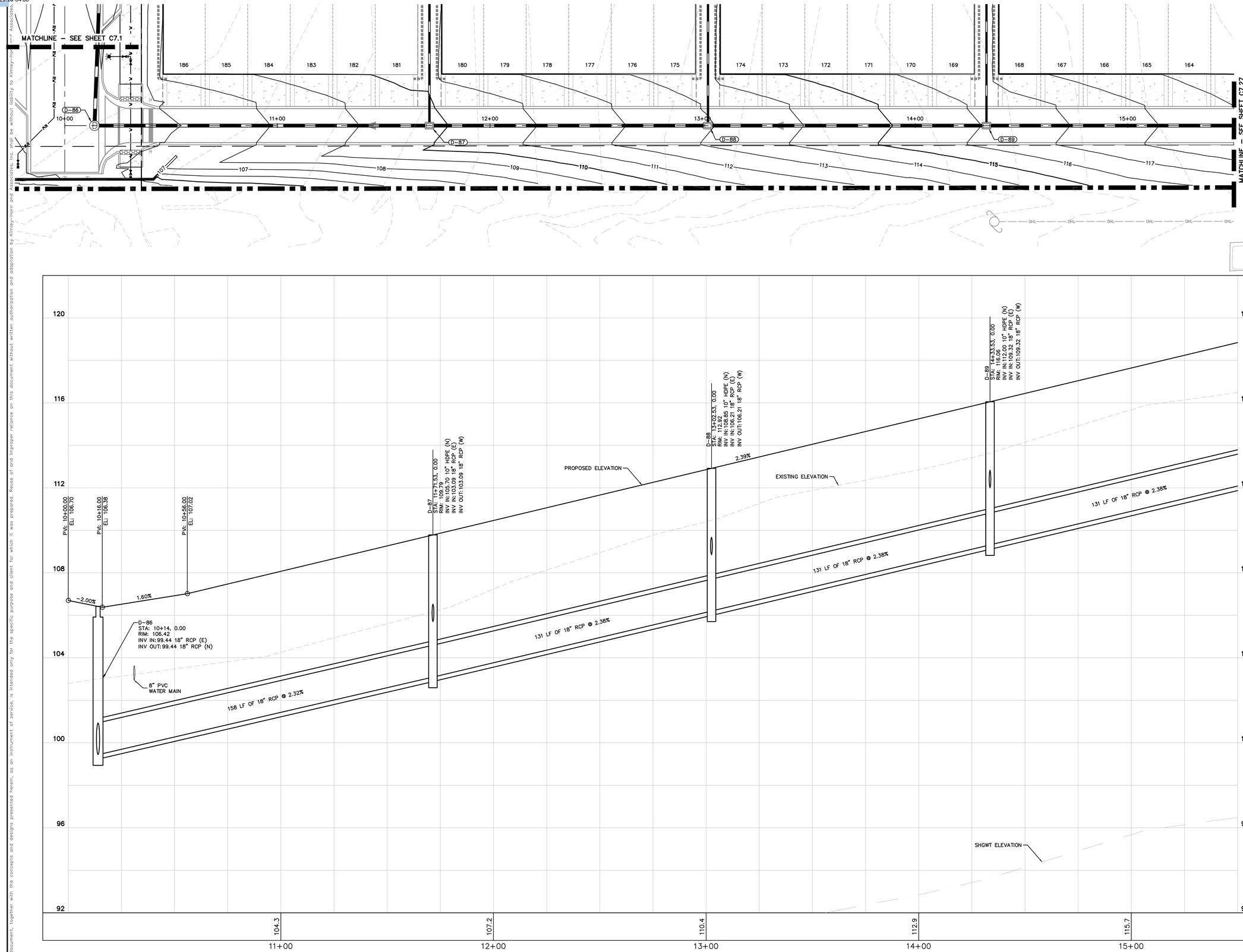
CHANDLER ROW

CITY OF APOPKA FLORIDA

SHEET NUMBER
C7.25

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:19:10-04'00'
Brian S Ashby

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



KEY MAP
SCALE: 1" = 500'

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-623-2323
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
DESCRIPTION: PE NO. 84496

K–H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

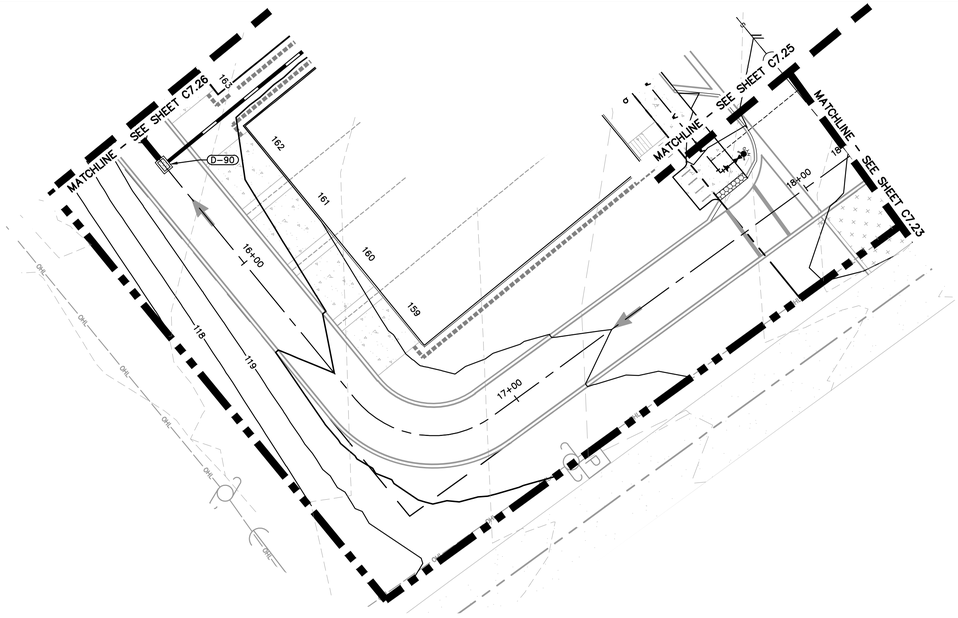
ALLEY J PLAN & PROFILE

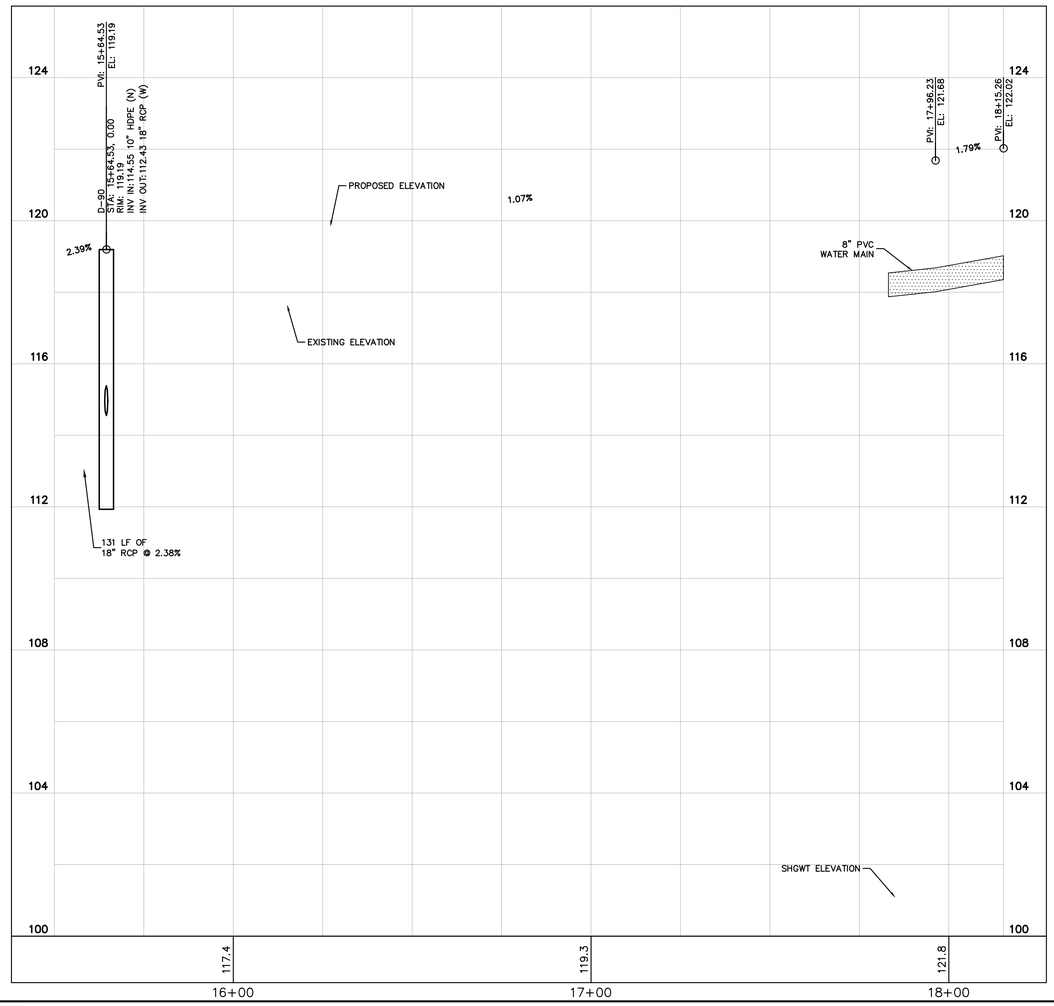
CHANDLER ROW

CITY OF APOPKA FLORIDA

SHEET NUMBER
C7.26

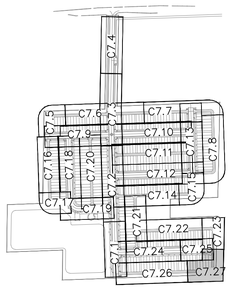
Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:19:11-04'00'







GRAPHIC SCALE IN FEET
0 10 20 40



KEY MAP
SCALE: 1" = 500'

GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 1 2 4
VERTICAL

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-423-0030
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, P.E. No. 85496
STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSED NO. 85496
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREON.
PRINTED COPIES OF THIS DOCUMENT SHOULD NOT BE CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NAME: BRIANA S. ASHBY
CONSTRUCTION TRACK # FL-RE-85496

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

ALLEY J PLAN & PROFILE

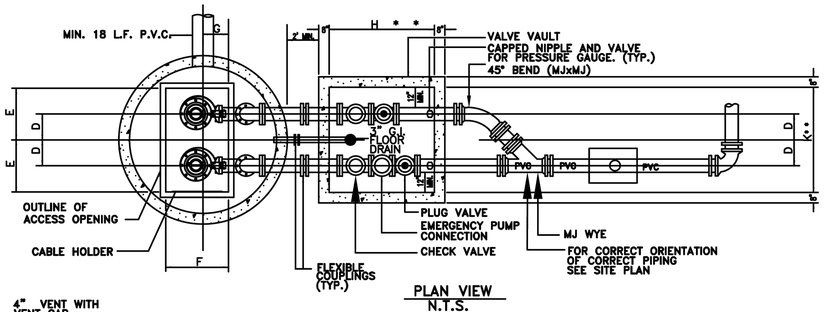
CHANDLER ROW

CITY OF APOPKA FLORIDA

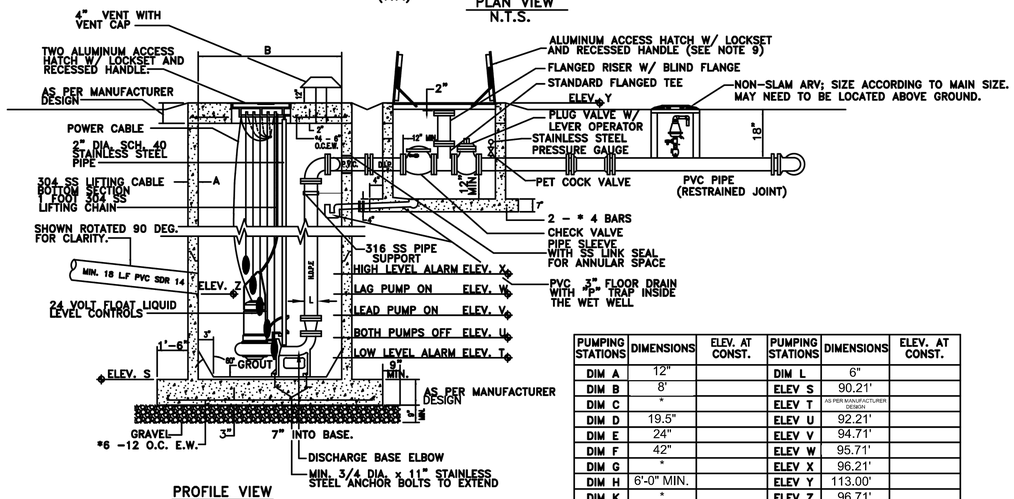
SHEET NUMBER
C7.27

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:19:13-04'00'
Brian S Ashby



PLAN VIEW
N.T.S.



PROFILE VIEW
N.T.S.

PUMPING STATIONS	DIMENSIONS	ELEV. AT CONST.	PUMPING STATIONS	DIMENSIONS	ELEV. AT CONST.
DIM A	12"		DIM L	6"	
DIM B	8'		ELEV S	90.21'	
DIM C	*		ELEV T	AS PER MANUFACTURER DESIGN	
DIM D	19.5"		ELEV U	92.21'	
DIM E	24"		ELEV V	94.71'	
DIM F	42"		ELEV W	95.71'	
DIM G	*		ELEV X	96.21'	
DIM H	6'-0" MIN.		ELEV Y	113.00'	
DIM K	*		ELEV Z	96.71'	

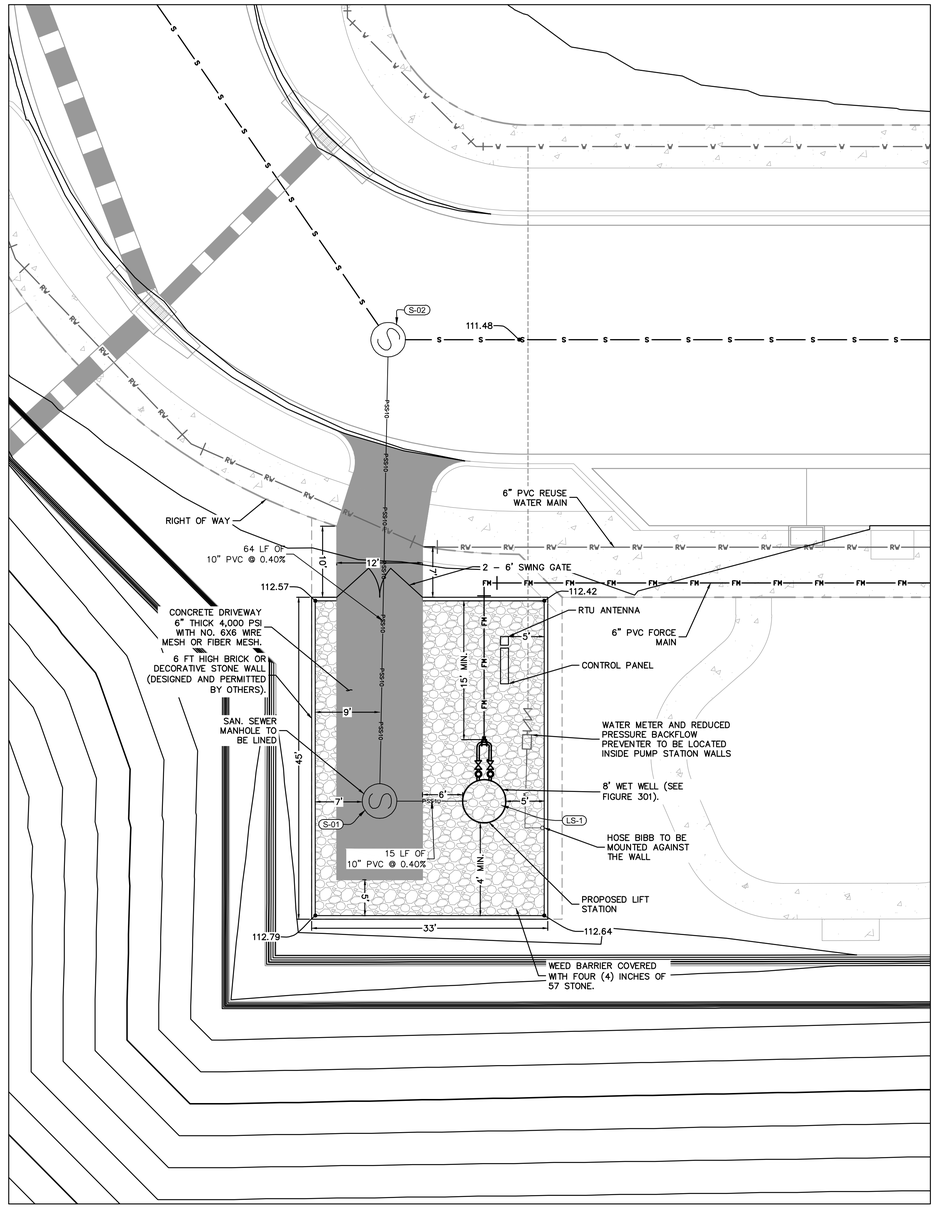
* PER PUMP MANUFACTURERS REQUIREMENT

GENERAL NOTES:

1. VALVE VAULT AND WET WELL LIDS SHALL BE COATED WITH 1 COAT OF TNEMEC SERIES 66, COLOR EN03, (2-3 MILS), FOLLOWED BY TOP COAT OF TNEMEC SERIES 73, COLOR EN05, (2-3 MILS) OR EQUAL.
2. A THE WET WELL SHALL BE CONSTRUCTED OF FIBERGLASS REINFORCED POLYESTER (RFP) AND MANUFACTURED FROM COMMERCIAL GRADE POLYESTER RESIN OR VINYL ESTER RESIN, WITH FIBERGLASS REINFORCEMENTS. THE WET WELL SHALL BE A ONE PIECE UNIT AND MANUFACTURED BY L.F. MANUFACTURE, INC. OR EQUAL.
2. B IN LIEU OF RFP THE WET WELL MAY BE CONSTRUCTED OF PRECAST CONCRETE HAVING A MINIMUM WALL THICKNESS OF 8 INCHES. THE INTERIOR WALLS SHALL BE LINED USING A HIGH DENSITY POLYETHYLENE PRODUCT AS MANUFACTURED BY AGRU SURE GRIP, OR EQUAL.
3. PIPING IN THE WET WELL TO BE HDPE WITH FUSED 45 DEGREES FITTINGS FROM WET WELL TO VALVE VAULT.
4. INTERIOR OF THE VALVE VAULT AND PIPING IN THE VALVE VAULT WITH ConSeal CS-55 (OR EQUAL), TWO COATS, 4 MILS EACH. PIPING SHALL BE COATED AFTER INSTALLATION.
5. VALVE VAULT SHALL BE SIZED TO PERMIT EASY REMOVAL OF CHECK VALVE SPINDLES WITH MINIMUM CLEARANCES AS SHOWN FOR 6" DIAMETER PIPE AND SMALLER. CLEARANCES SHALL INCREASE AS REQUIRED FOR LARGER PIPE SIZES.
6. VALVE VAULT SHALL HAVE SEALED FLOOR AND DRAIN.
7. ALL LOCATIONS WHERE PIPES ENTER OR LEAVE THE WET WELL OR VALVE VAULT SHALL BE MADE WATERTIGHT WITH WALL SLEEVE AND STAINLESS STEEL LINK SEAL.
8. THERE SHALL BE NO VALVES OR ELECTRICAL JUNCTION BOXES IN WET WELL.
9. WET WELL AND VALVE VAULT COVERS SHALL BE ALUMINUM WITH 316 S.S. HARDWARE LOCK BRACKET. SIZE AS REQUIRED BY PUMP MANUFACTURER AND APPROVED BY THE CITY.
10. FLEXIBLE COUPLING SHALL BE SLEEVE TYPE, EPOXY COATED.
11. PUMPS SHALL BE:
    MANUFACTURER: FLYGT ; MODEL: NP 3171 SH 3-277 ; DIA: 180 mm ; SPEED: 3520 RPM ; DISCHARGE SIZE: 4" IN.;
    VOLTAGE: 460 V ; HZ.: 60 ; PHASE: 3~ ; H.P.: 35 ; MIN. SOLID SIZE: _____ IN.
12. OPERATING CONDITIONS SHALL BE 350 GPM AT 149 FEET TDH.
13. ALL HARDWARE IN WET WELL AND VALVE BOX TO BE 316 STAINLESS STEEL.
14. "P" TRAP TO BE INSTALLED IN WET WELL.
15. ALL PUBLIC LIFT STATIONS SHALL BE EQUIPPED WITH SCADA SYSTEM.THE DEVELOPER SHALL PAY THE CITY COST OF THE UNIT.THE CITY WILL BE RESPONSIBLE FOR INSTALLATION.
16. ALL LIFT STATIONS SHALL BE FENCED WITH DECORATIVE STONE OR BRICK OR AS DIRECTED BY THE CITY.
17. ALL LIFT STATIONS SHALL HAVE A 10 FEET WIDE CONCRETE ACCESS DRIVEWAY, 35' LONG FROM EDGE OF WET WELL TO BACK OF CURB.
18. ENGINEER SHALL PROVIDE A SCALED (1" = 20' MIN.) SITE SPECIFIC DETAIL.

PUMP STATION DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	MAY 2022	FIG. 301



LIFT STATION SITE PLAN

NOTES:

1. SITE LAYOUT TO BE DESIGNED PER CITY OF APOPKA DETAIL FIG. 300 ON SHEET C10.5
2. CONTRACTOR TO PROVIDE MAX 2% SLOPE FOR PUMP STATION SITE DRAWING.

SANITARY SEWER STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
LS-1	SANITARY MANHOLE TOP: 112.60 W. INV IN: 96.71
S-01	SANITARY MANHOLE TOP: 112.67 N. INV IN: 96.97 E. INV OUT: 96.77
S-02	SANITARY MANHOLE TOP: 111.34 NW. INV IN: 97.43 E. INV IN: 97.43 S. INV OUT: 97.23

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

NORTH
GRAPHIC SCALE IN FEET
0 5 10 20

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-427-1333
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84496
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREIN.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
NAME: BRIAN S. ASHBY
LICENSE/REGISTRATION #: FL PE 84496

K-H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

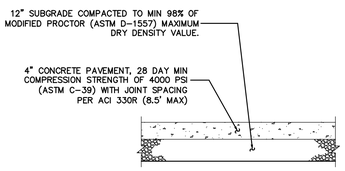
LIFT STATION DETAILS

CHANDLER ROW
CITY OF APOPKA FLORIDA

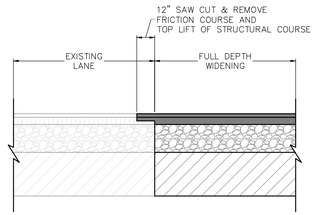
SHEET NUMBER C8.0

Drawing name: K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\plonsheets - csp\C8.0 LIFT STATION DETAILS.dwg C8.0 LIFT STATION DETAILS Apr 21, 2026 2:41pm by: Steven.Powers
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates,

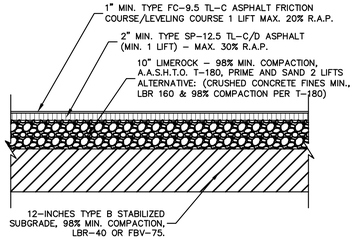
Brian S Ashby
Digitally signed by Brian S Ashby
Date: 2026.04.22 13:19:14-04'00'



CONCRETE SIDEWALK DETAIL
NTS

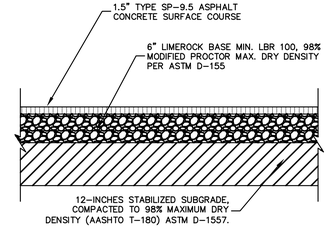


TYPICAL ROADWAY SPLICED SAWCUT DETAIL
NTS

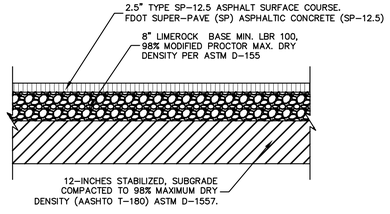


ASPHALT PAVEMENT DETAIL
WEST KELLY PARK ROAD
CITY OF APOPKA

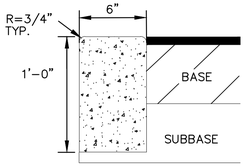
DESIGN SPEED = 55 MPH/POSTED SPEED 45 MPH OR MATCH EXISTING CONDITIONS, WHICHEVER IS GREATER.



STANDARD DUTY ASPHALT PAVEMENT DETAIL
PER GEOTECHNICAL REPORT PREPARED BY UNIVERSAL ENGINEERING SCIENCES, DATED: 10/24/2022

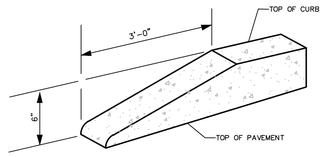


HEAVY DUTY ASPHALT PAVEMENT DETAIL
PER GEOTECHNICAL REPORT PREPARED BY UNIVERSAL ENGINEERING SCIENCES, DATED: 10/24/2022



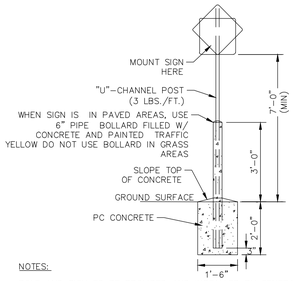
CONCRETE RIBBON CURB DETAIL
NTS

NOTES:
1. ALL CURBS TO BE CONSTRUCTED OF 28 DAY, 3000 P.S.I. CONCRETE
2. 1/2" PRE-MOLDED EXPANSION JOINT REQUIRED EVERY 500', CONSTRUCTION JOINT REQUIRED EVERY 10' MAXIMUM (4" MINIMUM).
3. 6" SUBBASE TO BE COMPACTED AND TESTED TO 98% DENSITY BASED ON AASHTO T-180 MODIFIED PROCTOR TEST AND SHALL BE STABILIZED TO A MINIMUM L.B.R. 40.
4. IN NO INSTANCE SHALL EXTRUDED CURBS (DEFINED AS HEADER-TYPE CURBS INSTALLED DIRECTLY ON TOP OF PAVEMENT) BE PERMITTED.



CURB TERMINUS TRANSITION DETAIL
NTS

NOTE:
ALL CURBS TO HAVE STANDARD 3' TRANSITION FROM 6" HEIGHT TO FLUSH (0" HEIGHT). A STANDARD TEMPLATE SHALL BE USED AT ALL LOCATIONS TO PROVIDE UNIFORM CURB TRANSITION THROUGHOUT THE PROJECT.

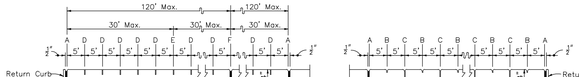


NOTES:

POLE AND SIGN TO BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR.

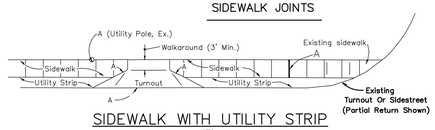
ALL SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

STANDARD SIGN BASE
N.T.S.



SAWED JOINTS — EXAGGERATED SCALE LONGITUDINAL SECTION — OPEN JOINTS

SIDEWALK JOINTS



SIDEWALK WITH UTILITY STRIP
NTS

JOINT LEGEND
- A- ½" EXPANSION JOINTS (PREFORMED JOINT FILLER)
- B- ½" DUMMY JOINTS, TOOLED
- C- ½" FORMED OPEN JOINTS
- D- ¼" SAW CUT JOINTS, ½" DEEP (96 HOUR) MAX. 5' CENTERS
- E- ¼" SAW CUT JOINTS, ½" DEEP (12 HOUR) MAX. 30' CENTERS
- F- ½" EXPANSION JOINT WHEN RUN OF SIDEWALK EXCEEDS 120'
- G- COLD JOINT WITH BOND BREAKER, TOOLED

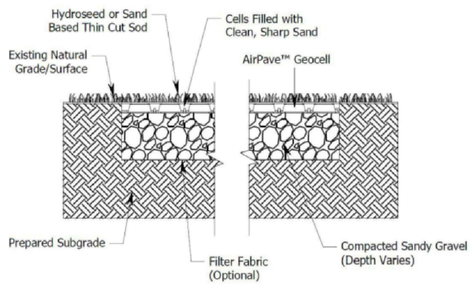
FOOTNOTES:
ALL 1/2" JOINTS SHALL BE CONSTRUCTED WITH PREFORMED JOINT FILLER.
* 1/8" OPEN JOINTS PLACED AT EQUAL (20' MAX.) INTERVALS FOR DRIVEWAYS OVER 20' WIDE. JOINTS IN CURB AND GUTTER TO MATCH JOINTS IN DRIVEWAYS.
◊ DRIVEWAYS (6" CONCRETE) SHALL BE OF A UNIFORM WIDTH (W) AS SHOWN ON SHT. P-1.

GENERAL NOTES

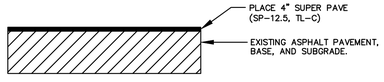
SIDEWALKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION NO. 522, EXCEPT FOR CURB CUT RAMP RUNS WHICH SHALL BE FINISHED IN ACCORDANCE WITH FDOT INDEX 522-002.

BOND BREAKER MATERIAL CAN BE ANY IMPERMEABLE COATED OR SHEET MEMBRANE OR PREFORMED MATERIAL HAVING A THICKNESS OF NOT LESS THAN 6 MILS NOR MORE THAN 1/2".

CONCRETE SIDEWALK DETAIL
NTS

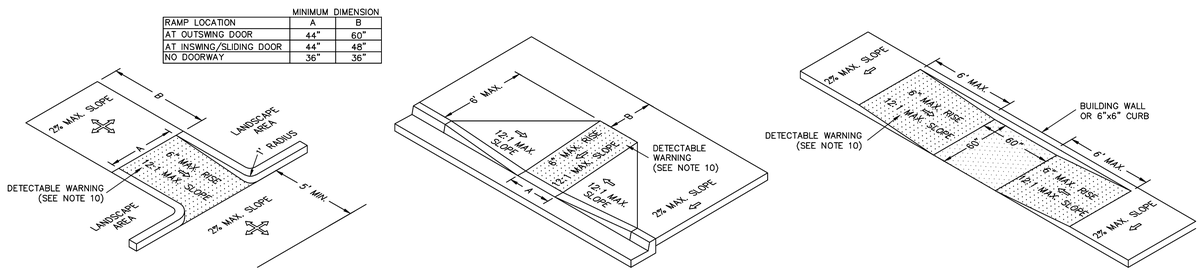


AirPave™ Flush Natural Edging



OVERLAY ASPHALT PAVEMENT SECTION
NTS

	MINIMUM DIMENSION	
RAMP LOCATION	A	B
AT OUTSWING DOOR	44"	60"
AT INSWING/SLIDING DOOR	44"	48"
NO DOORWAY	36"	36"



NOTES:
1. ALL CURB CUT ACCESSIBLE RAMPS AND DETECTABLE WARNING SURFACES SHALL BE INSTALLED BY THE SITE CONTRACTOR.
2. THE STANDARD COLOR FOR THE DETECTABLE WARNING SURFACE SHALL BE YELLOW. ANY TYPE OF ADHESIVE OR GLUE DOWN MATS; STAMPED CONCRETE OR ANY VARIATION OTHER THAN WHAT IS SPECIFIED ABOVE WILL NOT BE ACCEPTED BY ORANGE COUNTY. ORANGE COUNTY WILL CONSIDER ALTERNATIVES THAT ARE EQUAL TO THE PRODUCTS SPECIFIED ABOVE. COUNTY ENGINEER AND THE CHIEF ENGINEER FOR DEVELOPMENT SERVICES WILL HAVE THE SOLE RESPONSIBILITY FOR DETERMING THE PRODUCT ACCEPTABILITY.
3. ALL DETECTABLE WARNING SURFACES FOR SIDEWALKS AT CURB CUT HANDICAP RAMP SHALL BE A COUNTY APPROVED YELLOW COLORED COMPOSITE MATERIAL ANCHORED IN THE CONCRETE SIDEWALK RAMP. ANCHORED COMPOSITE WARNING AREA INSERTS ARE TO BE COLORED "SAFETY YELLOW", ARE TO BE SET INTO THE CONCRETE AND ARE TO BE FLUSH WITH CONCRETE SURFACE ALONG ALL FOUR SIDES. DESIGN DIMENSIONS OF DETECTABLE WARNING AREA SHALL CONFORM TO FDOT STANDARD INDEX 204, CODE OF FEDERAL REGULATIONS PART 36, AND SJC REQUIREMENTS.

ACCESSIBLE RAMPS
N.T.S

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-602-7423
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL
SIGNED, DATED AND SEALED BY BRIANA S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84456
ELECTRONICALLY SIGNED AND SEALED USING A DIGITAL SIGNATURE AND DATE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONICALLY COPIES.
NAME: BRIANA S. ASHBY
LICENSE NUMBER 84456 FLORIDA

K-H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

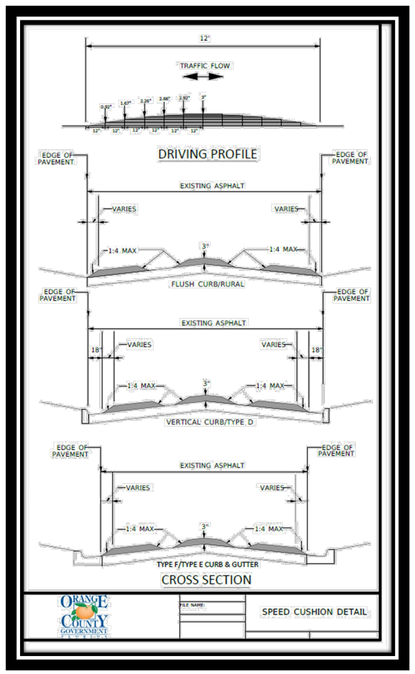
GENERAL CONSTRUCTION DETAILS

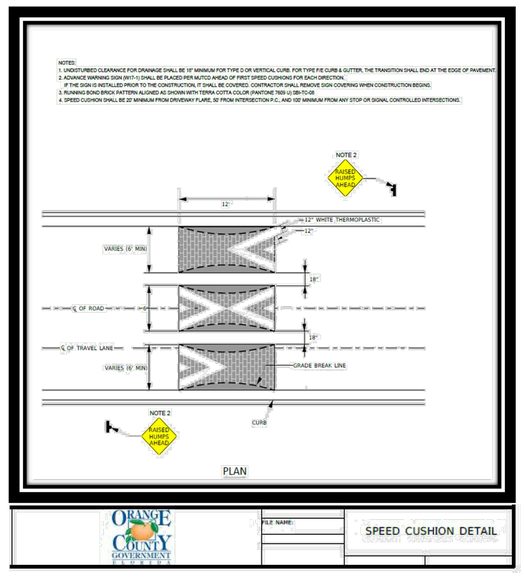
CHANDLER ROW
FLORIDA
CITY OF APOPKA

SHEET NUMBER
C9.0

Plotted By: Powers, Steven Sheet Set: Kelly Park - CSP Layout: C9.0 GENERAL CONSTRUCTION DETAILS April 21, 2026 02:41:33pm K:\Orl_civil\249490000-kelly park mixed use\CADD\CONST\plotsheets - csp\C9.0 GENERAL CONSTRUCTION DETAILS.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Digitally signed by Brian S Ashby
Date: 2026.04.22 13:19:14-04'00'
Brian S Ashby





No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.

6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-602-0423
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL

BRIAN S. ASHBY, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 84456
THE ELECTRONIC SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY BRIAN S. ASHBY, P.E. ON THE DATE INDICATED HEREIN.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NAME: BRIAN S. ASHBY
LICENSED ENGINEER IN FL # FL PE 84456

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

GENERAL CONSTRUCTION DETAILS

CHANDLER ROW

CITY OF APOPKA FLORIDA

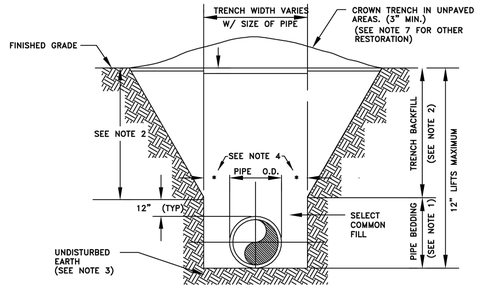
SHEET NUMBER
C9.1

Plotted By:Powers, Steven Sheet Set:Kelly Park – CSP Layout:C9.1 GENERAL CONSTRUCTION DETAILS April 21, 2026 02:41:35pm K:\orl_civil\249490000-kelly park mixed use\CAD\CONST\plotsheets – csp\C9.0 GENERAL CONSTRUCTION DETAILS.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

GENERAL NOTES

1. Governing standards and specifications on this project are considered the Florida Department of Transportation (FDOT) Design Standards (2013 Edition), FDOT Standard Specifications for Road and Bridge Construction (2013 Edition), and City of Apopka Utilities Design and Construction Standards Manual (2014 Edition).
2. All personal property, except mail boxes located within the public right-of-way (not relocated by the property owner), shall be removed by the Contractor as necessary to construct the project in accordance with the Construction Plans. Mail boxes shall be relocated by the Contractor in accordance with FDOT Index No. 532.
3. The disposal of excess earthwork materials shall be the responsibility of the Contractor. Approval of disposal sites shall be obtained from the City of Apopka prior to disposal.
4. All existing trees and stumps within the right-of-way and limit of the project are to be removed in clearing and grubbing unless otherwise directed.
5. Seed and mulch all disturbed areas not covered by sod unless otherwise directed.
6. All pavement offsets shown are to the proposed centerline of construction, as where radius dimensions are to the edge of pavement, unless otherwise noted.
7. Turnout locations and widths shown in the Construction Plans are approximate and may be adjusted as necessary or as directed by the Engineer. All turnouts shall be constructed in accordance with FDOT Index No. 515.
8. The various permits included in the bid specifications payment are included in the bid price for Section 104. The Contractor shall perform his work in accordance with the requirements of "Prevention, Control, and Abatement of Erosion and Water Pollution", excluding items specified elsewhere. Environmental controls shall be used at locations designated in the plans and/or designated by the Engineer.
9. The information shown on these drawings concerning type and location of underground and other utilities are based on available records and surveys, but is not guaranteed to be accurate or all inclusive. The Contractor shall make his own determination as to the type and location of utilities as may be necessary to avoid damage there to, and is responsible for coordinating utility relocation.
10. Prior to ordering drainage structures, the Contractor shall determine if drainage utility conflicts exist. Information about possible conflicts shall be submitted to the Engineer as soon as possible after discovery of such for resolution.
11. The Contractor shall notify all gas utility companies a minimum of two working days prior to excavation as required by Chapter 77-153 of the Florida Statutes.
12. All inlet/manhole - pipe joints shall be filled with non-shrink grout. covered with an asphaltic mastic coating, and wrapped with a filter fabric material per Section 13.03.03 of the Orange County Road Construction Specifications.
13. All curb inlets, ditch bottom inlets, and manholes shall have traffic bearing frames and covers or grates meeting AASHTO-20 loading requirements.
14. Changes of pipe inverts not exceeding plus or minus one foot will not be considered as a basis for additional compensation for the pertinent pipe bid item or for modification of precast structures.
15. All benchmarks (irons and monuments) shown in the Construction Plans, or found, shall be preserved. Those shown in proposed pavement shall be protected with a cast iron valve box.
16. Public land corners within the limits of construction shall be protected. If a corner monument is in danger of being destroyed or disturbed, the Contractor shall notify the Engineer, without delay, by telephone. The Contractor shall provide written follow up confirmation within 48-hours of telephone notification.
17. Prior to beginning of any construction, the Contractor shall submit to the Engineer a set of field notes verifying the benchmark elevations and the reference point connections on the plan and profile view sheets, and/or a set of field notes for all additional benchmark and reference point connections proposed to be used in constructing the project with their location, description and elevation, based on North American Vertical Datum (NAVD88). All submittals shall be signed and sealed by a Professional Land Surveyor registered in the State of Florida.
18. Within 21 calendar days after notice to proceed, the Contractor shall stake the public right-of-way at 50 foot intervals and the right-of-way breaks with corresponding stations shown on the stakes. No invoice for payment for mobilization (Pay Item No. 101-1) will be processed until the right-of-way has been staked to the satisfaction of the Engineer.
19. Any United States Code (USC) and National Geodetic Survey (NGS) monuments within the limits of construction shall be protected. If in danger of damage, the Contractor shall notify the Engineer, and both shall notify:
    State Geodetic Advisor, NOAA
    3900 Commonwealth Blvd - MS105
    Tallahassee, FL Phone (850) 245-2606
20. It shall be the responsibility of the Contractor to acquire all necessary right-of-way and maintenance of traffic permits. The City will waive all permits required for construction activities within the limits of public right-of-way owned and maintained by the City of Apopka. For construction activity within the limits of public right-of-way maintained by the City but owned by Orange County or the State of Florida, the Contractor shall acquire the required permits from the agencies. It shall be the responsibility of the Contractor to insure that all required permits are obtained and in-hand before beginning any construction.
21. The location of all existing utilities, storm drainage systems, and topographic features shown on the plans have been determined from the best available information and are provided for the convenience of the Contractor. The Engineer assumes no responsibility for their inaccuracy. Should a discrepancy arise between these plans and actual field conditions, which would appreciably affect the execution of these plans, the Contractor shall halt construction and notify the Engineer immediately.
22. The Contractor shall be responsible for notifying the City within 48 hours before any inspections. Also, the Contractor shall be responsible for meeting all inspection criteria, schedules and signing said inspections.
23. The Contractor shall not excavate, remove or otherwise disturb any material, structure or part of a structure which is located outside the lines, grades or grading section, established for this project, except where such excavations or removal is provided or in the Contract Construction Plans or Technical Specifications.
24. All work and all materials furnished shall be in conformity with the lines, grades, grading sections, cross sections, dimensions, material requirements, and testing requirements that are specified in the Contract Construction Plans or Technical Specifications.
25. All work shall be accomplished in strict accordance with all applicable federal, state and local codes, ordinances and regulations.
26. Apparent errors, discrepancies or omissions in the Construction Plans shall be brought to the Engineer's attention before bidding.
27. After completion of construction, the Contractor shall provide to the City a completed as-built plan one week prior to the final inspection. Before the final acceptance it shall be the Contractor's responsibility to perform a site cleanup for the removal of trash, debris, excess materials, and equipment to present the project site clean and in good order.
28. No extra payments shall be allowed for any work required due to misunderstanding of job or site conditions affecting the work as described in the Technical Specifications or shown on the Construction Plans. The Contractor shall not take advantage of any apparent error or omission in the Construction Plans or Technical Specifications and the Engineer shall be permitted to make corrections and interpretation as may be deemed necessary for the fulfillment of the intent of the Contract Documents. By entering the bidding process the bidders acknowledge acceptance of these conditions.
29. The Contractor shall submit four (4) sets of detailed shop drawings of all major items proposed for this project to the Engineer prior to ordering any of the equipment or material. Two (2) copies of the shop drawings will be returned to the Contractor. Upon the Contractor's receipt of approved shop drawings from the Engineer, the Contractor may proceed with the work.
30. The Contractor shall comply with the legal load restrictions in hauling of materials in public roads beyond the limits of construction work. A special permit will not relieve the Contractor of liability for damage which may result from the moving of material and equipment.
31. During construction, no direct discharge of water to downstream receiving waters will be allowed. The Contractor is responsible for maintaining water quality and route discharge water in such a manner as to adequately remove silt prior to runoff from the site.
32. Connection to existing lines to which utility pipe of the Contract must connect, the following work shall be performed:
    A. Expose buried lines to confirm or determine end connection, pipe material and diameter.
    B. Furnishing and installing piping and making proper connections.

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. GN

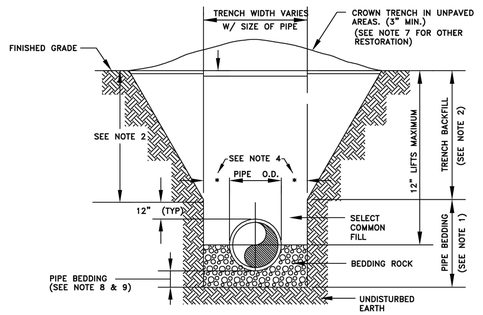


NOTES:

1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 98% UNDER PAVEMENT OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 98% UNDER PAVEMENT OF THE MAXIMUM DENSITY AS TO AASHTO T-180.
3. PIPE BEDDING UTILIZING SELECT COMMON FILL OR BEDDING ROCK IN ACCORDANCE WITH TYPE A BEDDING AND TRENCHING DETAIL MAY BE REQUIRED AS DIRECTED BY THE CITY.
4. (*): 15" MAX. FOR PIPE DIAMETERS LESS THAN 24", AND 24" FOR PIPE DIAMETER 24" AND LARGER.
5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
7. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF GOVERNING AGENCIES.
8. SURFACE RESTORATION WITHIN CITY RIGHT-OF-WAY, SHALL COMPLY WITH REQUIREMENTS OF RIGHT-OF-WAY UTILIZATION REGULATIONS.
9. ALL UNPAVED DISTURBED AREAS SHALL BE SODDED TO MATCH ADJACENT DOMINATE GRASS SPECIES.

TYPE "B" BEDDING AND OPEN-CUT DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 100



NOTES:

1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 98% UNDER PAVEMENT OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 98% UNDER PAVEMENT OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
3. USE OF TYPE A BEDDING TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CITY.
4. (*): 15" MAX. FOR PIPE DIAMETER LESS THAN 24", AND 24" MAX. FOR PIPE DIAMETER 24" AND LARGER.
5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
7. GRAVITY SEWERS SHALL UTILIZE TYPE A BEDDING IF REQUIRED BY THE CITY. BEDDING DEPTH SHALL BE 4" MINIMUM FOR PIPE DIAMETER LESS THAN 15" AND 6" MINIMUM FOR PIPE DIAMETER 16" AND LARGER.
8. DEPTH FOR REMOVAL OF UNSUITABLE MATERIAL SHALL GOVERN DEPTH OF BEDDING ROCK BELOW THE PIPE. THE CITY SHALL DETERMINE IN THE FIELD IF REMOVAL OF UNSUITABLE MATERIAL IS REQUIRED TO REACH A SUITABLE FOUNDATION.
9. ALL UNPAVED DISTURBED AREAS SHALL BE SODDED TO MATCH ADJACENT DOMINATE GRASS SPECIES.
10. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF THE GOVERNING AGENCIES. SURFACE RESTORATION WITHIN CITY RIGHT-OF-WAY, SHALL COMPLY WITH REQUIREMENTS OF RIGHT-OF-WAY UTILIZATION REGULATIONS.

TYPE "A" BEDDING AND OPEN-CUT DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 101

PROPOSED UTILITY	HORIZONTAL & VERTICAL SEPARATION REQUIREMENTS									
	POTABLE WATER		RECLAIMED WATER*		SANITARY SEWER FORCE MAIN		SANITARY SEWER GRAVITY MAIN		STORM SEWER	
	HORIZ.	VERT.	HORIZ.	VERT.	HORIZ.	VERT.	HORIZ.	VERT.	HORIZ.	VERT.
POTABLE WATER	–	–	3'	12"	6'	12"	6'	6" ABOVE 12" BELOW	3'	6"
RECLAIMED* WATER	3'	12"	–	–	3'	12"	3'	12"	–	–
SANITARY SEWER FORCE MAIN	6'	12"	3'	12"	–	–	–	–	–	–
SANITARY SEWER GRAVITY MAIN	6'	6" ABOVE 12" BELOW	3'	12"	–	–	–	–	–	–

GENERAL NOTES:

1. THE TABLE REPRESENTS THE MINIMUM SEPARATION REQUIREMENTS AS DESCRIBED IN F.D.E.P. RULES OF THE FLORIDA ADMINISTRATION CODE (F.A.C.). THESE SEPARATION REQIREMENTS SHALL APPLY BETWEEN NEWLY PROPOSED UTILITY LINES AND EXISTING OR PROPOSED UTILITY LINES.
2. * FOR THE PURPOSE OF THIS TABLE, RECLAIMED WATER SHALL MEAN UNRESTRICTED PUBLIC ACCESS REUSE WATER AS DEFINED BY F.A.C. 17-610. OTHER TYPES OF RECLAIMED WATER ARE CONSIDERED RAW SEWAGE AND SEPARATIONS LISTED FOR SANITARY SEWER SHALL APPLY.
3. ALL SEPARATION DISTANCES ARE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE UNLESS OTHERWISE SPECIFIED. CRITERION PRODUCING GREATER CLEARANCE SHALL BE USED.

   C/C – DENOTES CENTER OF PIPE TO CENTER OF PIPE.

   O/O – DENOTES OUTSIDE OF PIPE TO OUTSIDE OF PIPE.
4. ACCEPTABLE VARIANCES:
   A. WHERE HORIZONTAL SEPARATION IS NOT ATTAINABLE, PVC-C-900 SDR-14 OR CONCRETE ENCASEMENT MUST BE USED FOR THE SANITARY SEWER LINE FOR AT LEAST ONE OF THE PIPES. PVC-C-900 SDR 14 OR CONCRETE ENCASEMENT MUST BE USED UNTIL MINIMUM CLEARANCE IS REGAINED.
   B. WHERE 18 INCH VERTICAL SEPARATION IS NOT ATTAINABLE AT CROSSINGS, USE ONE FULL LENGTH OF PVC-C-900 SDR-14 FOR SANITARY SEWERS OR ENCASED PIPE CENTERED AT THE POINT OF CROSSING SPECIAL SUPPORT MAY BE REQUIRED.
5. NO WATER PIPE SHALL PASS THROUGH OR COME IN CONTACT WITH ANY PART OF A SANITARY OR STORM WATER MANHOLE OR STRUCTURE.
6. CONCRETE ENCASEMENT SHALL NOT BE USED UNLESS APPROVED BY PUBLIC SERVICES DIRECTOR OR HIS DESIGNEE.

HORIZONTAL & VERTICAL SEPARATION REQUIREMENTS

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 104

MINIMUM LENGTH (FT) TO BE RESTRAINED ON EACH SIDE OF FITTING(S). *											
	PIPE SIZE										
	6"	8"	10"	12"	16"	18"	20"	24"	30"	36"	48"
90° BEND	33	43	51	60							
45° BEND	14	18	22	25							
22-1/2° BEND	7	9	11	12							
11-1/4° BEND	4	5	6	6							
TEE**	1	7	24	44							
REDUCER (ONE SIZE SMALLER)		41	39	40							
DEAD END	74	96	115	136							

* ONLY RESTRAIN BRANCH PIPE FOR TEES. ONLY RESTRAIN LARGER PIPE FOR REDUCERS
** LENGTH ALONG RUN ASSUMED TO BE 18'

NOTES:

1. FITTINGS SHALL BE DUCTILE IRON RESTRAINED JOINT TYPE. FM FITTINGS TO BE LINED WITH PROTECTO 401.
2. INSTALL FULL LENGTHS OF PIPE WITH TOTAL LENGTH CONTAINING ONLY RESTRAINED JOINTS EQUAL TO OR GREATER THAN LENGTH SHOWN IN TABLE.
3. WHERE TWO OR MORE FITTINGS ARE TOGETHER, USE FITTING WHICH YIELDS GREATEST LENGTH OF RESTRAINED PIPE.
4. IN LINE VALVES AND THROUGH RUN OF TEES OUTSIDE LIMITS OF RESTRAINED JOINTS FROM OTHER FITTINGS NEED NOT BE RESTRAINED UNLESS OTHERWISE INDICATED.
5. LENGTHS SHOWN IN THE TABLE HAVE BEEN CALCULATED IN ACCORDANCE WITH THE PROCEDURE OUTLINED IN "THRUST RESTRAINT DESIGN FOR DUCTILE IRON PIPE" AS PUBLISHED BY DIPRA, FOR PVC WITH THE FOLLOWING ASSUMPTIONS:
   TYPE OF PIPE:_____PVC_____
   WORKING PRESSURE:___150___P.S.I.** ** FM = 100 P.S.I. /
   SOIL DESIGNATION: SM(SAND SILT) WM OR RWM = 150 P.S.I.
   LAYING CONDITIONS:___3_____
6. FOR PIPE ENCASED IN POLYETHYLENE INCREASE THE GIVEN VALUE BY A FACTOR OF 1.5.
7. VALUES NOT LISTED IN THE TABLE TO BE COMPLETED BY THE ENGINEER.

RESTRAINED PIPE TABLE (PVC)

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 105

MINIMUM LENGTH (FT) TO BE RESTRAINED ON EACH SIDE OF FITTING(S). *											
	PIPE SIZE										
	6"	8"	10"	12"	16"	18"	20"	24"	30"	36"	48"
90° BEND					61	67	73	84	100	114	
45° BEND					26	28	31	35	42	48	
22-1/2° BEND					13	14	15	17	20	23	
11-1/4° BEND					6	7	8	9	10	12	
TEE**					52	62	74	95	124	152	
REDUCER (ONE SIZE SMALLER)					48	25	25	47	66	66	
DEAD END					111	123	135	157	188	218	

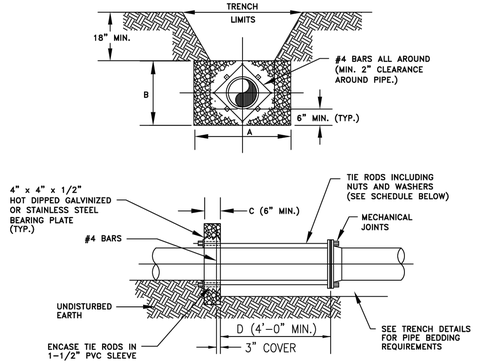
* ONLY RESTRAIN BRANCH PIPE FOR TEES. ONLY RESTRAIN LARGER PIPE FOR REDUCERS
** LENGTH ALONG RUN ASSUMED TO BE 18'

NOTES:

1. FITTINGS SHALL BE RESTRAINED JOINT TYPE. FM FITTINGS TO BE LINED WITH PROTECTO 401.
2. INSTALL FULL LENGTHS OF PIPE WITH TOTAL LENGTH CONTAINING ONLY RESTRAINED JOINTS EQUAL TO OR GREATER THAN LENGTH SHOWN IN TABLE.
3. WHERE TWO OR MORE FITTINGS ARE TOGETHER, USE FITTING WHICH YIELDS GREATEST LENGTH OF RESTRAINED PIPE.
4. IN LINE VALVES AND THROUGH RUN OF TEES OUTSIDE LIMITS OF RESTRAINED JOINTS FROM OTHER FITTINGS NEED NOT BE RESTRAINED UNLESS OTHERWISE INDICATED.
5. LENGTHS SHOWN IN THE TABLE HAVE BEEN CALCULATED IN ACCORDANCE WITH THE PROCEDURE OUTLINED IN "THRUST RESTRAINT DESIGN FOR DUCTILE IRON PIPE" AS PUBLISHED BY DIPRA, WITH THE FOLLOWING ASSUMPTIONS:
   TYPE OF PIPE:_____
   WORKING PRESSURE:___150___P.S.I.** ** FM = 100 P.S.I. /
   SOIL DESIGNATION:___SM(SAND SILT)___ WM OR RWM = 150 P.S.I.
   LAYING CONDITIONS:_____3_____
6. VALUES NOT LISTED IN THE TABLE TO BE COMPLETED BY THE ENGINEER.

RESTRAINED PIPE TABLE (DI)

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JAUARY 2014	FIG. 106



NOTES:

1. ADDITIONAL REINFORCEMENTS SHALL BE AS SPECIFIED BY THE ENGINEER.
2. MINIMUM COMPRESSIVE STRENGTH FOR CONCRETE SHALL BE 2500 P.S.I.
3. BEDDING, BACKFILL, AND COMPACTION SHALL BE AS SPECIFIED ELSEWHERE IN THE STANDARD DRAWINGS.
4. ALL FORM BOARDS SHALL BE REMOVED PRIOR TO BACKFILL.
5. NO ALLOWANCE SHALL BE MADE FOR FRICTION BETWEEN THE PIPE WALL AND THE THRUST COLLAR.
6. DESIGN PRESSURE: 150 P.S.I.

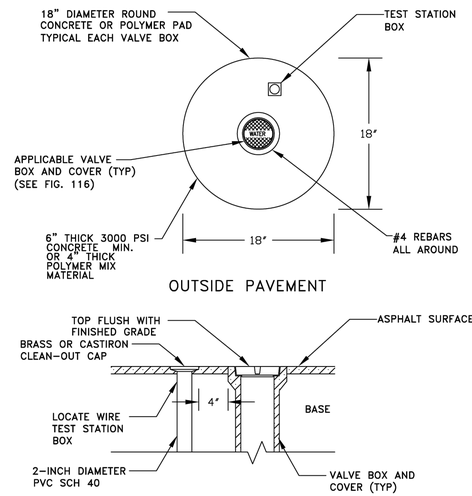
SCHEDULE OF DIMENSIONS AND MATERIALS *

PIPE SIZE (INCHES)	DIMENSIONS (FT.)				TIE RODS REQ'D	
	A	B	C	D	DIA.	NO.
6	2.0	2.0	1.0		3/4	2
8	2.5	2.5	1.0		3/4	2
10	3.5	3.0	1.0		3/4	4
12	5.0	3.0	1.0		3/4	4
16	6.0	4.0	1.5		3/4	4
20	8.0	5.0	1.5		3/4	6
24	9.0	6.0	1.5		3/4	8

NOTE: THRUST BLOCK AREAS TO BE COMPUTED ON BASIS OF ___2,000___ LBS. PER SQ. FT. SOIL RESTRAINT (1,500 MIN) BEARING. SEE NOTE 5
* TO BE COMPLETED BY ENGINEER.

WATER MAIN THRUST COLLAR DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 107



VALVE IDENTIFICATION TAG TO BE INSTALLED BY CITY & PAID FOR BY DEVELOPER

VALVE BOX

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 109

Plotted By: Powers, Steven Sheet Set: Kelly Park – CSP Layout: C10.0 CITY OF APOPKA DETAILS April 21, 2026 02:41:52pm K:\Orl_civil\249490000-kelly park mixed use\CAD\CONST\plotsheets – csp\C10.0 CITY OF APOPKA DETAILS.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

CITY OF APOPKA
DETAILS

CHANDLER ROW
CITY OF APOPKA FLORIDA

SHEET NUMBER
C10.0

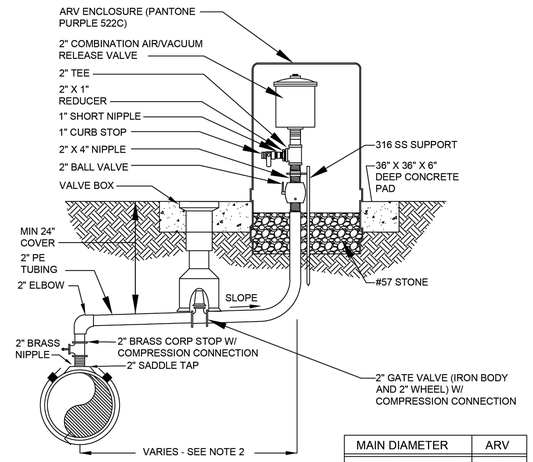
MINIMUM PRESSURE RATING									
PSI	DI FITTINGS		PIPE MATERIAL*			GATE VALVE**		FORCEMAIN*	
	≤24"	>24"	PVC	DI	HDPE	≤12"	>12"	PVC	HDPE
100								●	●
150			●		●		●		
200						●			
250		●		●					
350	●								

* PVC SHALL HAVE A MAXIMUM DIMENSION RATIO (DR) OF 18 AND HDPE SHALL BE MAX DR11. FORCEMAIN: PVC SHALL BE MAX DR18 UNLESS DESIGN REQUIRES OTHERWISE AND HDPE SHALL BE MAX DR17.

** BUTTERFLY VALVES SHALL BE CLASS 150B

PIPE AND APPURTENANCES PRESSURE RATING

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JAUARY 2014	FIG. 110

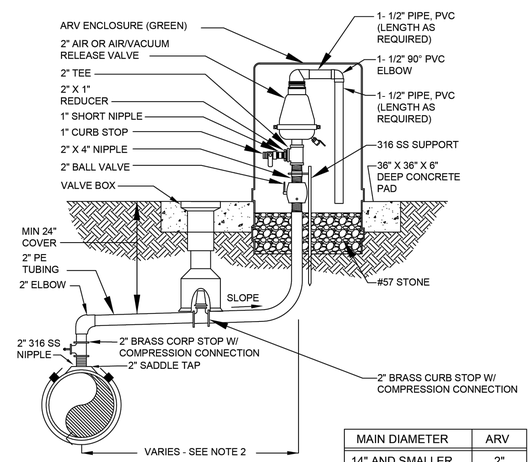


MAIN DIAMETER	ARV
14" AND SMALLER	2"
16" AND LARGER	3"

NOTES:
1. FOR RECLAIMED WATER USE ONLY.
2. OFFSET DISTANCE TO BE FIELD DETERMINED AND AS CLOSE TO THE R/W LINE AS POSSIBLE
3. ADJUST HORIZONTAL LOCATION OF SIDEWALK, AS REQUIRED TO AVOID ARV ENCLOSURE.
4. LOCATE ARV ENCLOSURE WITHIN 6" OF R/W LINE.
5. ASSEMBLY PIPE, FITTINGS, AND APPURTENANCES TO MATCH ARV SIZE..

OFFSET COMBINATION AIR/VACUUM RELEASE VALVE DETAIL - RECLAIMED WATER ONLY

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2015	FIG. 113

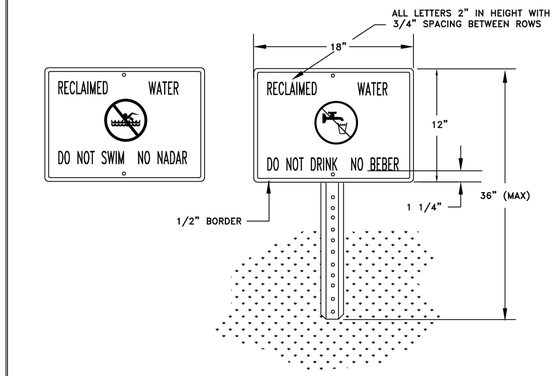


MAIN DIAMETER	ARV
14" AND SMALLER	2"
16" AND LARGER	3"

NOTES:
1. FOR WASTEWATER USE ONLY.
2. OFFSET DISTANCE TO BE FIELD DETERMINED AND AS CLOSE TO THE R/W LINE AS POSSIBLE
3. ADJUST HORIZONTAL LOCATION OF SIDEWALK, AS REQUIRED TO AVOID ARV ENCLSOURE.
4. LOCATE ARV ENCLOSURE WITHIN 6" OF R/W LINE.

OFFSET AIR OR COMBINATION AIR/VACUUM RELEASE VALVE DETAIL - WASTEWATER ONLY

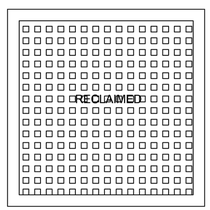
CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2015	FIG. 114



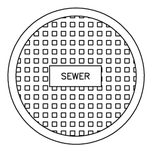
NOTES:
1. HEIGHT OF SIGN WILL DEPEND ON LOCATION AND SURROUNDING LANDSCAPE PLANT TYPES. IN ALL CASES, THE SIGN SHALL BE VISIBLE TO THE PUBLIC.
2. BACKGROUND SHALL BE WHITE. LETTERS AND FIGURES SHALL BE BLACK. PROHIBITIVE SYMBOL SHALL BE RED.
3. ENGINEERING GRADE REFLECTIVE MATERIALS SHALL BE USED.
4. POST SHALL BE U CHANNEL 12 FT. 2 LB. HOT ROLLED HIGH TENSILE RAIL OR BILLET STEEL, HOT DIP GALVANIZED PER ASTM A-123.
5. MOUNTING HARDWARE SHALL BE STAINLESS STEEL.
6. SIGNS SHALL BE PLACED BY THE CONTRACTOR IN ACCORDANCE WITH THE CITY APPROVED ENGINEERING PLANS AND/OR AS APPROVED BY PUBLIC SERVICES DEPARTMENT.

RECLAIMED WATER ADVISORY SIGN

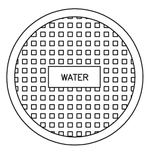
CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 115



RECLAIMED WATER



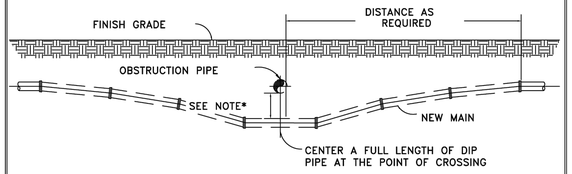
SEWER



POTABLE WATER

TYPICAL VALVE BOX COVER DETAILS

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 116

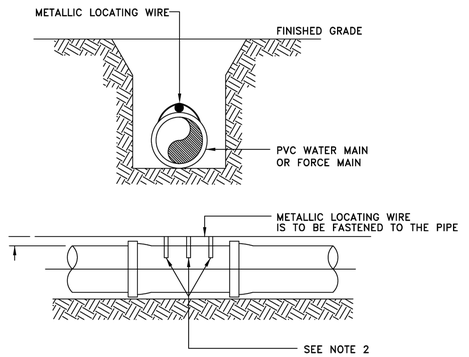


NOTES:
1. 18" MINIMUM CLEARANCE FOR WATER, SEWER AND RECLAIMED WATER MAIN CROSSINGS
2. 12" MINIMUM CLEARANCE REQUIRED FOR OTHER TYPE UTILITY CROSSINGS.
3. SEE ENCASEMENT DETAIL IF MINIMUM CLEARANCE CANNOT BE OBTAINED.

* CONSTRUCT UNIFORM PIPE DEFLECTION NOT TO EXCEED 75% OF MANUFACTURER RECOMMENDED MAXIMUM DEFLECTION PER PIPE JOINT

UTILITY CROSSING PIPE DEFLECTION DETAIL

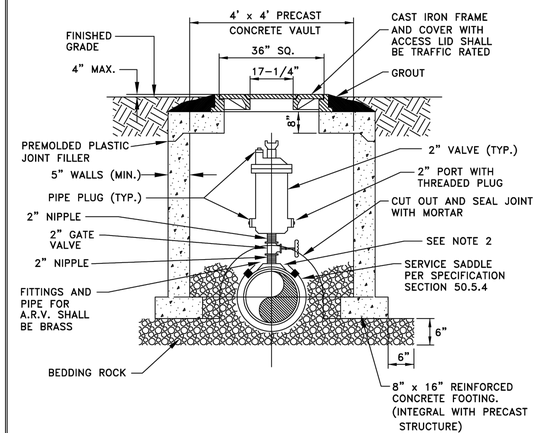
CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 117



NOTES:
1. PVC PIPE SHALL REQUIRE INSULATED METALLIC LOCATING WIRE (10 AWG-SOLID CCS REINFORCED TRACER WIRE-INSULATED 30 MIL HDPE - 30 VOLT MFG. BY COPPERHEAD INDUSTRIES, LLC OR EQUAL) CAPABLE OF DETECTION BY A CABLE LOCATOR.
2. SHALL BE BURIED DIRECTLY ABOVE THE CENTERLINE OF THE PIPE AND ATTACHED WITH DUCT TAPE OR NYLON STRAPS AT 3 LOCATIONS PER JOINT. LOCATING WIRE SHALL TERMINATE AT THE TEST STATION BOX AS SHOWN IN FIG. 109.
3. BE CAPABLE OF EXTENDING 12" ABOVE TOP OF TEST STATION BOX IN SUCH A MANNER SO AS NOT TO INTERFERE WITH VALVE OPERATION.
4. SPLICES SHOULD BE MADE USING STANDARDS AND PRODUCTS DESIGNED FOR DIRECT BURIAL CONDUCTORS.
5. WIRE INSULATION SHALL BE COLOR CODED FOR THE TYPE OF PIPE BEING INSTALLED.

PVC PIPE LOCATING WIRE DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 118



NOTES:
1. ABOVE DETAIL IS BASED ON 2 INCH COMBINATION AIR/VACUUM RELEASE VALVE. CHANGE PIPE AND FITTINGS ACCORDINGLY FOR OTHER VALVE SIZES AND TYPES. VALVE SIZES TO BE DETERMINED BY THE ENGINEER AND APPROVED BY THE CITY PRIOR TO INSTALLATION.
2. THE MINIMUM DIMENSION FROM TOP OF PIPE TO FINISHED GRADE SHALL BE 4.0 FEET.
3. ALL STRUCTURES TO BE TRAFFIC BEARING RATED.

AIR OR COMBINATION AIR/VACUUM RELEASE VALVE DETAIL - UNDERGROUND

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 119

NO.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-636-2483
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL

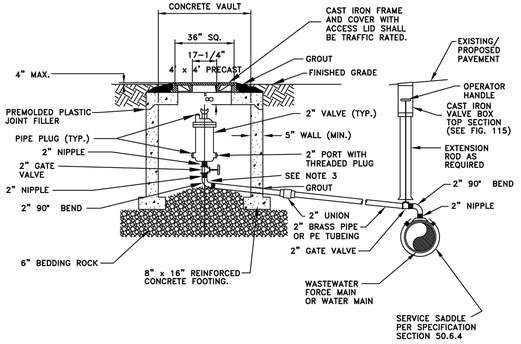
K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

CITY OF APOPKA
DETAILS

CHANDLER ROW
FLORIDA
CITY OF APOPKA

SHEET NUMBER
C10.1

Plotted By:Powers, Steven Sheet Set:Kelly Park — CSP Layout:C10.1 CITY OF APOPKA DETAILS April 21, 2026 02:42:11pm K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\prjsheets — csp\C10.0 CITY OF APOPKA DETAILS.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

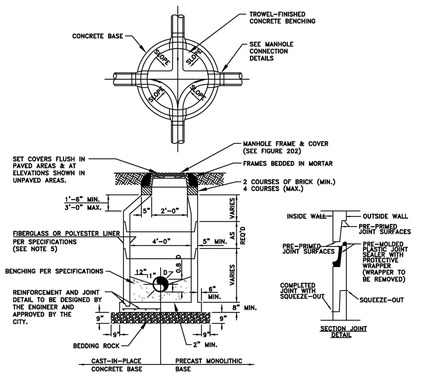


NOTES:

1. ABOVE DETAIL IS BASED ON 2 INCH COMBINATION AIR/VACUUM RELEASE VALVE. CHANGE PIPE AND FITTINGS ACCORDINGLY FOR OTHER VALVE SIZES AND TYPES. VALVE SIZES TO BE DETERMINED BY THE ENGINEER AND APPROVED BY THE CITY PRIOR TO INSTALLATION.
2. THE MINIMUM DIMENSION FROM ELBOW INVERT TO FINISHED GRADE SHALL BE 4.0 FEET.
3. THE AIR RELEASE VALVE SHALL BE ADEQUATELY SUPPORTED.
4. ALL FITTINGS ARE TO BE BRASS.

OFFSET AIR OR COMBINATION AIR/VACUUM RELEASE VALVE DETAIL - UNDERGROUND

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 120



FORCE MAIN MANHOLE LINER*

THICKNESS (INCHES)				MATERIAL	MANUFACTURER
DIAMETER (INCHES)	HEIGHT (FEET) 3-6	7-12	13-17		
48					
60					
72					

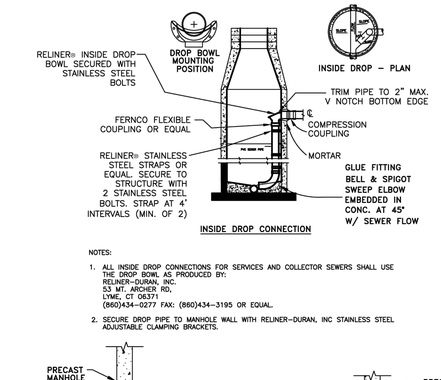
* TO BE COMPLETED BY THE ENGINEER

NOTES:

1. MANHOLE SHOWN IS FOR SEWER SIZE 8" THRU 24". SEE SECTION 20.4 OF THE MANUAL FOR MANHOLE DIAMETER FOR SEWERS LARGER THAN 24".
2. DROP CONNECTIONS ARE REQUIRED WHENEVER INVERT OF INFLUENT SEWER IS 24" OR MORE ABOVE THE INVERT OF THE MANHOLE. SEE MANHOLE CONNECTION DETAILS.
3. THE THICKNESS OF THE LINER SHALL BE 3/8" MINIMUM.
4. EACH BENCH WALL SHALL BE A MINIMUM OF 18 INCHES LONG FROM THE WALL OF THE MANHOLE TOWARD THE CENTER.
5. SANITARY SEWER MANHOLES MAY BE REQUIRED TO BE LINED IN ACCORDANCE WITH THE CITY OF APOPKA LIST OF APPROVED MATERIALS AND PRODUCTS AS DIRECTED BY THE CITY.

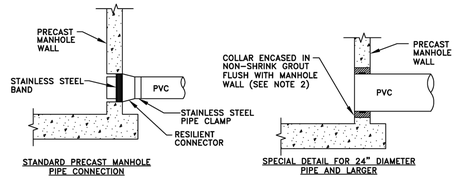
TYPICAL MANHOLE

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2015	FIG. 200



NOTES:

1. ALL INSIDE DROP CONNECTIONS FOR SERVICES AND COLLECTOR SEWERS SHALL USE THE DROP BOWL AS PRODUCED BY: RELINER-DURAN, INC. 53 MT. ARCHER RD, LYME, CT 06371 (860)434-0277 FAX: (860)434-3195 OR EQUAL.
2. SECURE DROP PIPE TO MANHOLE WALL WITH RELINER-DURAN, INC STAINLESS STEEL ADJUSTABLE CLAMPING BRACKETS.

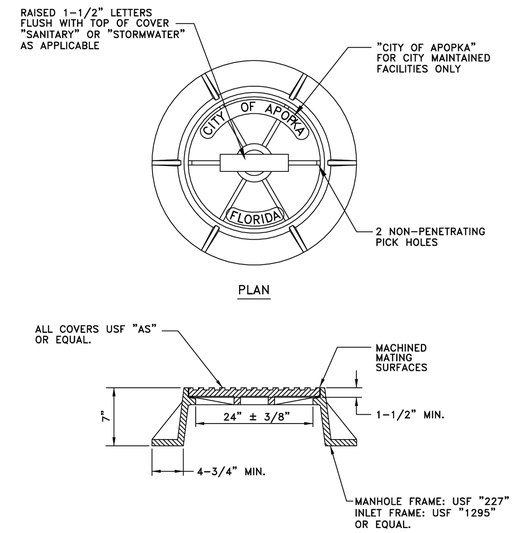


NOTES:

1. DROP PIPE AND FITTINGS SHALL BE OF EQUAL SIZE AND MATERIAL AS THE INFLUENT SEWER.
2. THE CITY MAY APPROVE ALTERNATE WATERTIGHT CONNECTION DETAILS FOR CONNECTION OF 24" DIAMETER PIPES AND LARGER.
3. AN INSIDE DROP CONNECTION SHALL BE REQUIRED FOR ALL INFLUENT WHICH HAVE AN INVERT 24" OR MORE ABOVE THE OUTFLOW PIPE INVERT.
4. CONCRETE TO BE MINIMUM OF 3000 PSI.

MANHOLE CONNECTION DETAILS

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 201

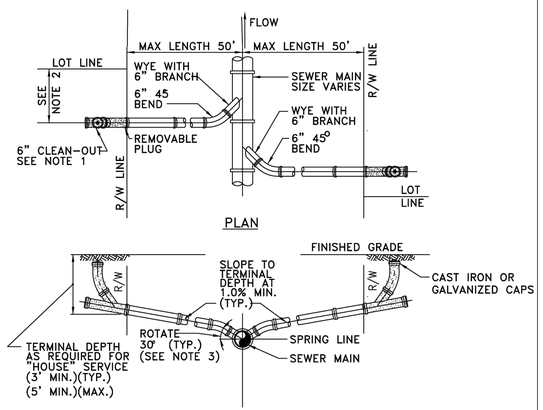


NOTES:

1. MANHOLE FRAME AND COVER ARE TO BE TRAFIC BEARING RATED H-20, CLASS 30 MEETING ASTM A 48.

STANDARD MANHOLE FRAME AND COVER

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 202

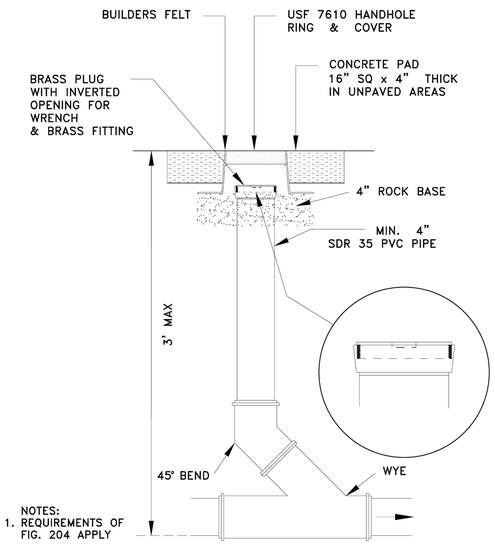


NOTES:

1. CLEAN-OUT (SHOWN SHADED) SHALL BE INSTALLED BY THE BUILDER IN ACCORDANCE WITH STANDARD PLUMBING CODE.
2. LOCATE SINGLE LATERAL AS CLOSE TO LOT LINE AS POSSIBLE.
3. INVERT OF SERVICE LATERAL SHALL NOT ENTER SEWER MAIN BELOW SPRING LINE.
4. RESIDENTIAL SERVICES SHALL BE 4 INCHES & NON-RESIDENTIAL SERVICES SHALL BE 6 INCHES IN DIAMETER AS A MINIMUM.
5. GALVANIZED, OR CAST IRON CLEAN-OUT CAP SHALL BE USED ON THE STUBOUT FOR EACH SERVICE.
6. LATERAL SHALL BE MARKED WITH AN "S" STAMPED OR CUT IN THE CURB.

SERVICE LATERAL DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	MAY 2022	FIG. 204



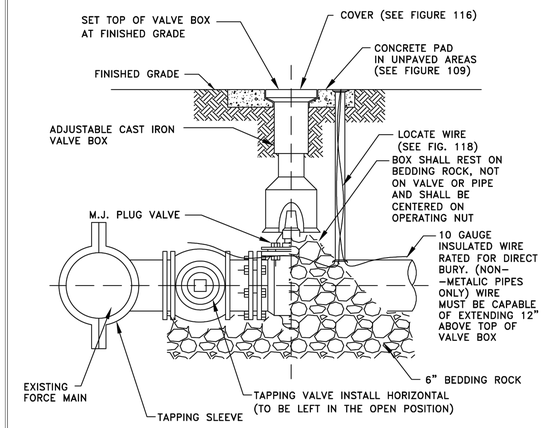
NOTES:

1. REQUIREMENTS OF FIG. 204 APPLY

SANITARY SEWER SERVICE TRAFFIC RATED CLEAN-OUT DETAIL

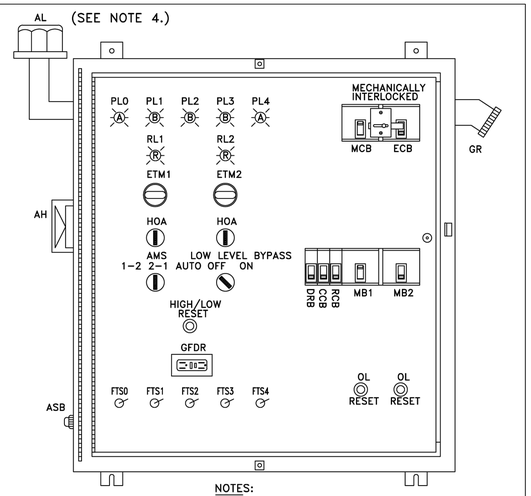
NTS

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 205



FORCE MAIN WET TAP TIE-IN DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 206



NOTES:

1. OUTER DOOR REMOVED TO SHOW DEADFRONT LAYOUT NEMA TYPE 3R 304 S.S. ENCL. WITH CONTINUOUS HINGE ALL HARDWARE STAINLESS STEEL TYPICAL, ACTUAL LAYOUT MAY VARY WITH HORSEPOWER
2. SERIES 3 (Q-FRAME) CIRCUIT BREAKERS
3. GENERATOR OUTLET FOR 230V – PYLE NATIONAL MODEL JRE4100/460V – CROUSE HINDS MODEL AR 2042.
4. THE HEIGHT OF THE ALARM LIGHT WILL NEED TO BE MADE VISIBLE FROM OUTSIDE THE LIFT STATION.

DUPLEX PUMP STATION CONTROL PANEL FRONT LAYOUT

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 303

No.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.

6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-427-1333
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL

K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

CITY OF APOPKA DETAILS

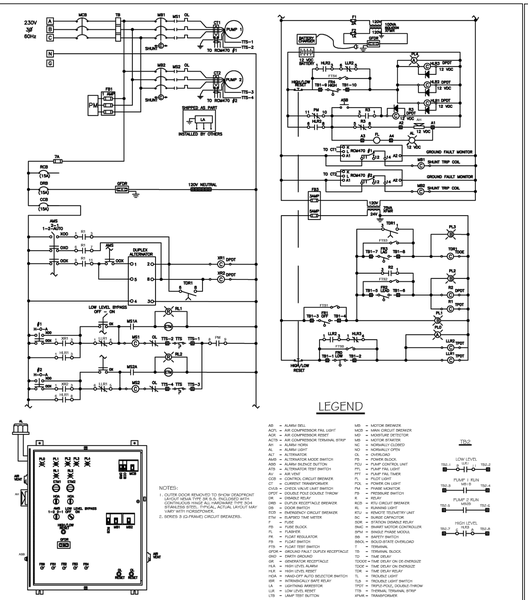
CHANDLER ROW

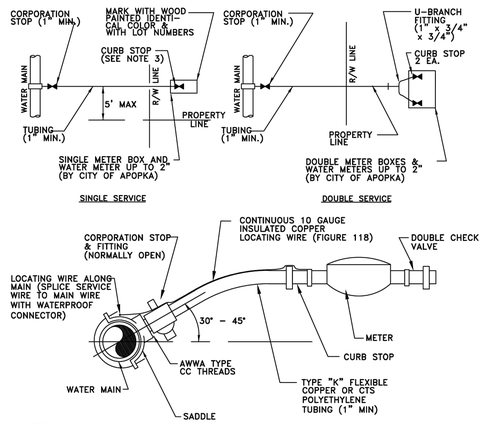
FLORIDA

CITY OF APOPKA

SHEET NUMBER
C10.2

Plotted By:Powers, Steven Street Set:Kelly Park – CSP Layout:C10.2 CITY OF APOPKA DETAILS April 21, 2026 02:42:34pm K:\orl_civil\249490000-kelly park mixed use\CAD\CONST\Plansheets – csp\C10.2 CITY OF APOPKA DETAILS.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.


230V 3P 60Hz
MCR
MS1
MS2
PUMP 1
PUMP 2
TTB-1
TTB-2
TTB-3
TTB-4
TO PUMP #1
TO PUMP #2
INSTALLED BY OTHERS
TB
ROR
SRR
CR 1180
MAN 1-2-OFF
DUPLEX ALTERNATOR
MS1 SPDT
MS2 SPDT
LOW LEVEL BYPASS
OFF
ON
MS1A
MS2A
OL
TTB-1 TB
TTB-2 TB
TTB-3 TB
TTB-4 TB
F1
F2
F3
F4
F5
F6
F7
F8
F9
F10
F11
F12
F13
F14
F15
F16
F17
F18
F19
F20
F21
F22
F23
F24
F25
F26
F27
F28
F29
F30
F31
F32
F33
F34
F35
F36
F37
F38
F39
F40

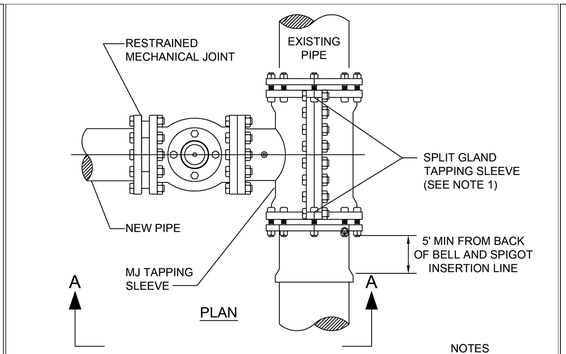


NOTES:

1. ALL FITTINGS SHALL BE BRASS WITH COMPRESSION/PACK JOINT TYPE CONNECTIONS.
2. NO SERVICE LINE SHALL TERMINATE UNDER A DRIVEWAY.
3. EACH SERVICE SHALL TERMINATE AT A CURB STOP(S) WHICH SHALL BE BURIED APPROXIMATELY 3" BELOW FINAL GRADE AND SHALL BE CLEARLY MARKED WITH A 2" x 2" x 18" STAKE WITH THE TOP PAINTED BLUE FOR POTABLE WATER AND PURPLE FOR RECLAIMED WATER, AND MARKED WITH THE NUMBER OF THE LOT(S) TO BE SERVED.
4. RECLAIMED WATER SERVICES SHALL USE PURPLE COLORED CTS POLYETHYLENE TUBING.
5. POTABLE WATER SERVICES SHALL USE BLUE COLORED CTS POLYETHYLENE TUBING.
6. ALL SERVICE UNDER EXISTING OR PROPOSED PAVEMENT SHALL BE INSTALLED IN A MINIMUM 2" PVC SLEEVE.

WATER SERVICE CONNECTION DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 405

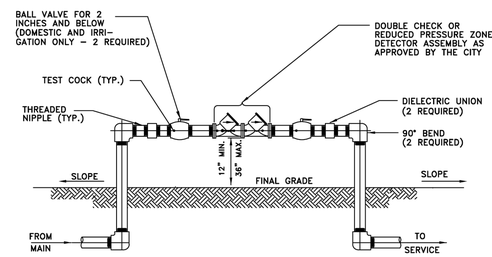


NOTES

1. SIZE ON SIZE WET TAPS WILL CALL FOR FULL ENCIRCLEMENT STAINLESS STEEL MJ TAPPING SLEEVE; MUELLER H-304, OR EQUAL.
2. ALL NEWLY INSTALLED TAPPING SLEEVES & TAPPING VALVES SHALL BE PNEUMATICALLY TESTED AT A TEST PRESSURE OF 150PSI FOR A PERIOD OF THIRTY MINUTES.

WATER AND RECLAIMED WATER MAINS WET TAP TIE-IN DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 406



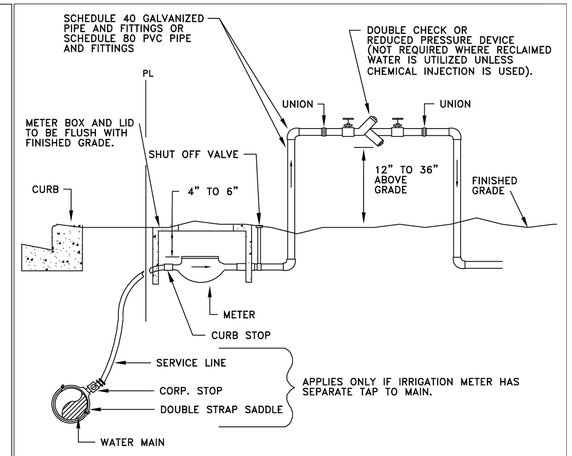
NOTES:

1. ALL PIPE FITTINGS, MATERIALS, LABOR, AND APPURTENANCES SHALL BE SUPPLIED BY THE CONTRACTOR.
2. ALL PIPE AND FITTINGS TWO (2) INCHES AND SMALLER SHALL BE THREADED SCHEDULE 40 GALVANIZED STEEL.

DOUBLE CHECK OR REDUCED PRESSURE ZONE DETECTOR ASSEMBLY

2 INCH AND BELOW ASSEMBLY

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 500 A

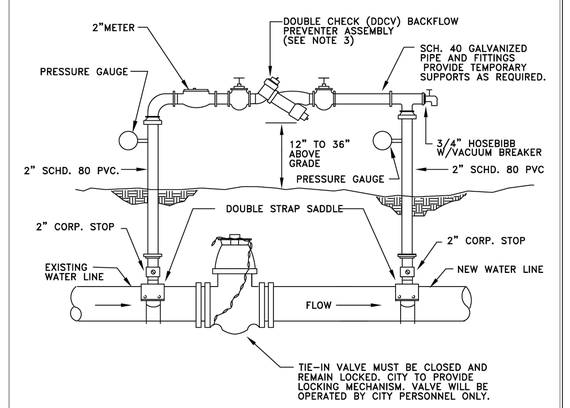


NOTES:

1. A POSITIVE DIELECTRIC CONNECTION SHALL BE MADE BETWEEN ALL GALVANIZED AND BRASS COMPONENTS.
2. METER SHALL BE INSTALLED JUST INSIDE THE ROW LINE OR PROPERTY LINE AND IN NO CASE SHALL IT BE INSTALLED IN THE SIDEWALK OR OTHER PAVED AREAS.
3. DOUBLE CHECK VALVES MAY BE USED AS LONG AS THEIR ARE NO CHEMICALS OR A WELL ON SITE.
4. A PVB DEVICE SHALL BE 12-INCHES MINIMUM ABOVE HIGHEST OUTLET OR SPRAYHEAD
5. ALL BACKFLOW PREVENTION DEVICES ARE TO BE AWWA APPROVED.

IRRIGATION METER AND DOUBLE CHECK VALVE OR REDUCED PRESSURE BACKFLOW PREVENTER

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 502

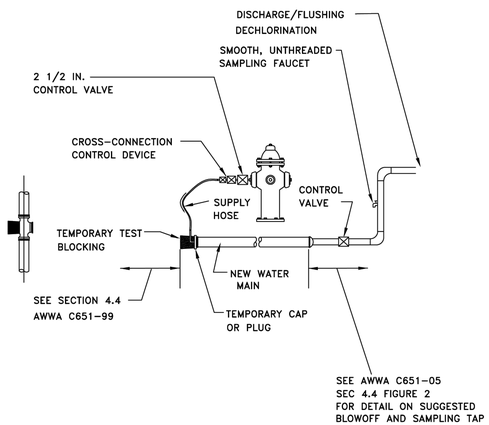


NOTE:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS, ASSEMBLY, AND THE INSTALLATION OF THE DEVICE.
2. SEE FIGURE 504C FOR PROCEDURES.
3. DDCV IS MINIMUM PROTECTION REQUIRED. A RPZ DEVICE MAY BE REQUIRED DEPENDING ON PROJECT. PROVIDE COPY OF LATEST CERTIFICATION TEST RESULTS.

TEMPORARY JUMPER CONNECTION

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 504 A



NOTE:

1. SEE FIGURE 504C FOR PROCEDURES.

TEMPORARY JUMPER CONNECTION FROM FIRE HYDRANT

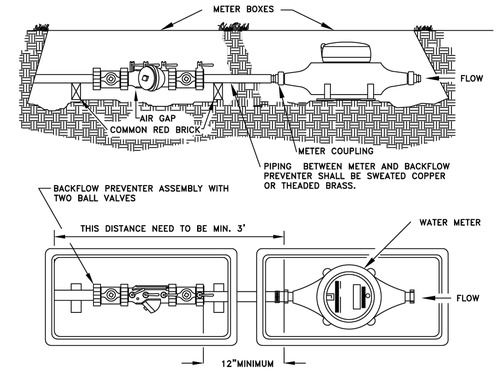
CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 504 B

TEMPORARY JUMPER CONNECTION NOTES:

1. A temporary jumper connection is required at all connections between existing active water mains and proposed new water main improvements.
2. Figures 504 A and 504 B to be used for filling any new water main of any size from existing active water mains and for flushing of new mains up to 8 inches in diameter (2.5 FPS minimum velocity) and for pulling bacteriological samples from any new water main of any size. The jumper connection shall be maintained until after filling, flushing testing and disinfection of the new main has been successfully completed and cleared for use from the Florida Department of Environmental Protection (FDEP) and other pertinent agencies have been received. The jumper connection shall also be used to maintain a minimum pressure of 20 psi in the new mains after disinfection and until the FDEP clearance letter is obtained. Thrust blocking and/or restraints shall be provided temporarily, as required. Pipe and fittings used for connecting the new pipe to the existing pipe shall be disinfected prior to installation in accordance with AWWA C651, 2005 edition. The tapping sleeve and the exterior of the main to be tapped shall be disinfected by spraying or swabbing per section 11 of AWWA C651-05.
3. Flushing of 10 inches in diameter and larger water mains may be done through the tie-in valve under very controlled conditions. The following procedures shall be followed:
   A. The tie-in valves shall be operated and pressure tested in the presence of the City engineer to verify water tightness prior to tie-in. Valves which are not water tight shall be replaced with a new valve installed immediately adjacent to the leaking valve.
   B. The temporary jumper connection shall be constructed as detailed. The jumper connection shall be used to fill the new water main and for providing water for bac-teriological sampling of the new main as required by the FDEP permit.
   * Flushing shall not be attempted during peak demand hours of the existing water mains.
   * All downstream valves in the system must be open prior to opening the tie-in valve.
   * Provide for and monitor the pressure in the tie-in point. The pressure in the existing main must not drop below 35 psi.
   * The tie-in valve shall be opened a few turns only, ensuring a pressure drop across the valve is greater than 10 psi.
   C. The tie-in valve shall be locked closed by the City personel until flushing begins.
   D. The tie-in valve shall be opened only for flushing of the new main. The procedure shall be directed by the City and observed by the engineer.
   E. After flushing, the tie-in valve shall be closed and locked in the closed position by the City personel.
4. The contractor shall provide documentation demonstrating that the double check backflow prevention device has been tested and is in good working order at the time of installation.
5. Except as required to flush lines of greater than 8 inches in diameter, the tie-in valve shall remain closed and shall be locked in the closed position by the City. The tie-in valve shall remain locked closed until the new system has been cleared for use by FDEP and all other pertinent agencies.
6. Upon receipt of clearance for use from FDEP and all other pertinent agencies, the contractor shall remove the temporary jumper connection. The corporation stops are to be closed and plugged with 2 inch brass plugs.
7. All installation and maintenance of the temporary jumper connection and associated backflow prevention device, fittings, valve, etc. shall be the responsibility of the contractor.

PROCEDURES FOR TEMPORARY JUMPER CONNECTION

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 504 C



1. A 3' PIECE OF STRAIGHT PIPE MUST BE CONNECTED TO METER USING THE DESIGNATED HOLES IN THE METER BOX BEFORE ANY ANGLES ARE CONNECTED. THE SAME RULES APPLY FOR DOUBLE METER HOOK-UPS.
2. BACKFLOW DEVICE AND METER ARE TO BE SET BY THE CITY FOR METERS 2-INCH OR LESS IN SIZE.

POTABLE WATER SERVICE DETAIL FOR LOTS SERVED WITH RECLAIMED WATER

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 505

NO.	REVISIONS	DATE	BY
1	RESUBMITTAL #1	04/06/26	BJW

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.

6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-628-2432
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL

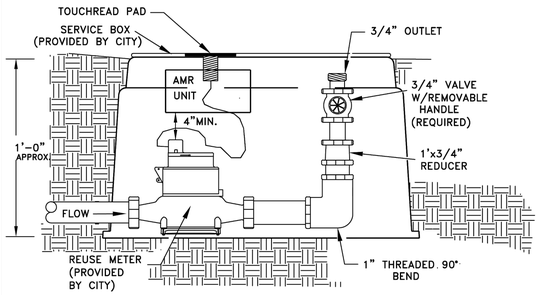
K-H PROJECT	249490000
DATE	04/03/2026
SCALE	AS SHOWN
DESIGNED BY	BJW
DRAWN BY	SJP
CHECKED BY	BSA

CITY OF APOPKA DETAILS

CHANDLER ROW — FLORIDA — CITY OF APOPKA

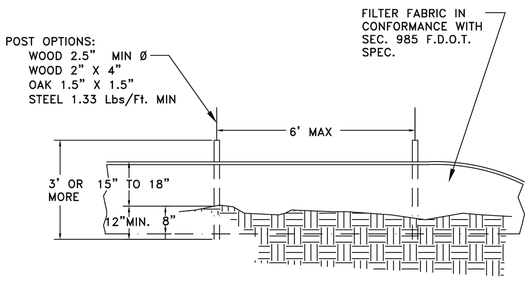
SHEET NUMBER
C10.4

Plotted By:Powers, Steven Street Set:Kelly Park - CSP Layout:C10.4 CITY OF APOPKA DETAILS April 21, 2026 02:43:35pm K:\orl_civil\249490000-kelly park mixed use\CADD\CONST\Worksheets - csp\C10.4 CITY OF APOPKA DETAILS.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

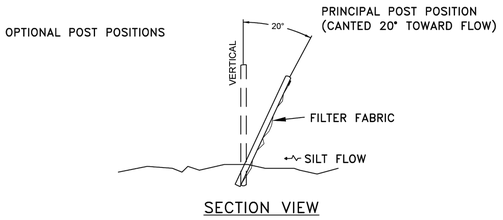


RECLAIMED WATER SERVICE CONNECTION
(FOR SERVICES W/O AN IRRIGATION SYSTEM)

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 506



ELEVATION VIEW

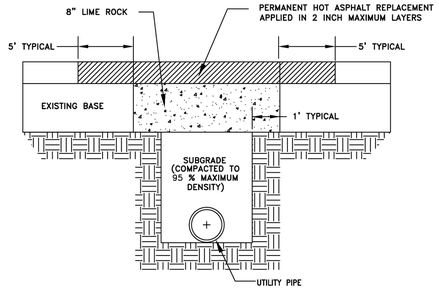


SECTION VIEW

SILT FENCE INSTALLATION

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 602

NOTE:
SUB-GRADE TO BE COMPACTED TO 95% MAX. DENSITY AS DETERMINED BY AASTHO T-180 CUT TO BE REPLACED WITH 8" LIME ROCK AND COMPACTED TO 98% MAX. DENSITY TO TOP OF EXISTING BASE. CUT AREA TO BE PLATED OR PROTECTED ON THE DAY OF POUR. EXISTING SURFACE TO BE SAW CUT TO AN AREA OF FIVE FEET (5') BEYOND BASE CUT.



GENERAL NOTES:

1. BASE REPLACEMENT SHALL BE 8" LIME ROCK COMPACTED TO 98% MAX. DENSITY.
2. ASPHALTIC CONCRETE SURFACE MATERIAL SHALL BE REPLACED WITH THE SAME TYPE OF MATERIAL AT THE TIME OF REMOVAL.
3. MINIMUM ASPHALTIC CONCRETE SURFACE OVERLAY THICKNESS SHALL BE ONE (1) INCH.
4. ALL JOINT CUTS SHALL BE MECHANICALLY SAW CUT.

PAVEMENT RESTORATION:

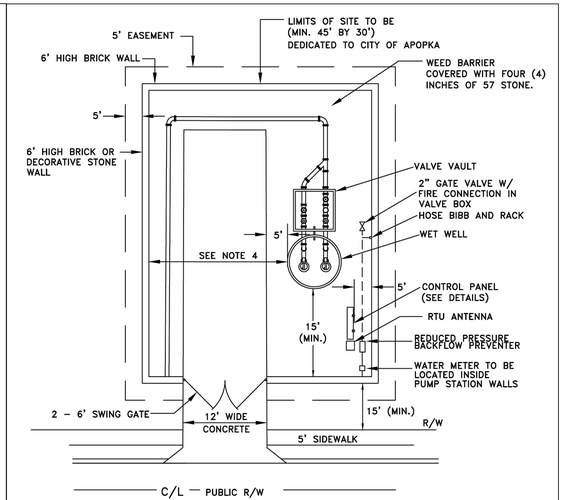
1. LONGITUDINAL CUTS MAY REQUIRE OVERLAY/RESURFACING OF THE COMPLETE WIDTH OF THE TRAVELED WAY.
2. CUTS AT INTERSECTIONS OF STREETS GENERALLY MAY REQUIRE A COMPLETE OVERLAY/RESURFACING TO THE END OF ALL RETURN RADII, AND ALSO TO A POINT TEN FEET (10') BEYOND THE CUT WHICHEVER IS GREATER.
3. ACTUAL REQUIREMENTS WILL BE AS STATED ON THE APPROVED PERMIT.

LIME ROCK

HOT PATCH

OPEN-CUT CROSS SECTION DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2015	FIG. 702



NOTES:

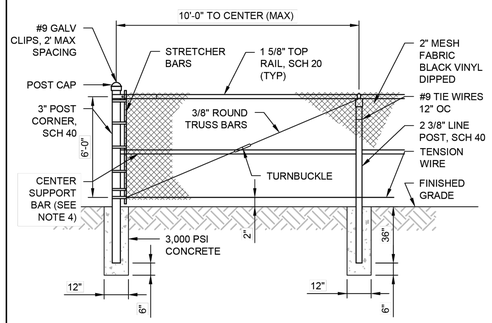
1. DRIVEWAY AND APRON SHALL BE SIX (6) INCH THICK, 3000 P.S.I. CONCRETE. WITH No.6X6 WIRE MESH OR FIBER MESH.
2. POWER TO THE PUMP STATION SHALL BE THROUGH UNDERGROUND CONDUIT FROM SUPPLY SOURCE IN RIGHT-OF-WAY.
3. GATE TO BE DECORATIVE BLACK POWDER COATED ALUMINUM W/PICKET SPACING = OR < 4"
4. MEASUREMENT SHALL BE EQUAL TO OR GREATER THAN THE DEPTH OF THE WET WELL.
5. WET WELL LID MUST OPEN TOWARD CONTROL PANEL (HINGE SIDE TOWARD PANEL).
6. LIFT STATION WALL TO BE PLACED AT LEAST 15FT. BEHIND THE R/W LINE.

PUMP STATION TYPICAL SITE PLAN

CITY OF APOPKA DESIGN ENGINEERING DIVISION	MAY 2022	FIG. 300

APPENDIX A	STANDARD DRAWINGS

CHAIN LINK FENCE



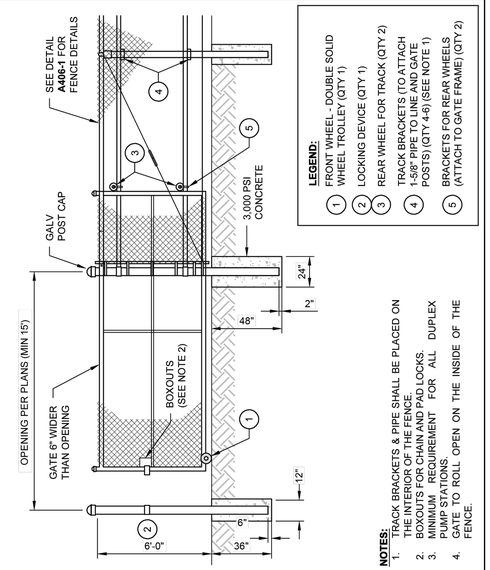
NOTES:

1. TRUSS BARS ARE REQUIRED FOR EACH GATE SECTION AND THE FIRST SPAN ON EACH SIDE OF A CORNER POST ONLY.
2. PROVIDE CHAIN AND LOCK FOR SECURING GATE
3. FENCING AND POSTS SHALL BE BLACK, VINYL DIPPED.
4. CENTER SUPPORT BAR IS REQUIRED ON ALL FENCE SECTIONS.

ORANGE COUNTY UTILITIES STANDARDS & CONSTRUCTION SPECIFICATIONS MANUAL	FIGURE A406-1 10/10/2021

APPENDIX A	STANDARD DRAWINGS

ROLLING SLIDE GATE ON CHAIN LINK FENCE



NOTES:

1. TRACK BRACKETS & PIPE SHALL BE PLACED ON THE INTERIOR OF THE FENCE.
2. BOXOUTS FOR CHAIN AND PAD LOCKS.
3. MINIMUM REQUIREMENT FOR ALL DUPLEX PUMP STATIONS
4. GATE TO ROLL OPEN ON THE INSIDE OF THE FENCE.

ORANGE COUNTY UTILITIES STANDARDS & CONSTRUCTION SPECIFICATIONS MANUAL	FIGURE A406-2 10/10/2021

BY	DATE	No.	REVISIONS
BJW	04/06/26	1	RESUBMITTAL #1

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARTWICK LAKE, SUITE 350, ORLANDO, FL 32827
PHONE: 407-427-1333
WWW.KIMLEY-HORN.COM REGISTRATION No. 35106

STATE OF FLORIDA SEAL

K-H PROJECT 249490000
DATE 04/03/2026
SCALE AS SHOWN
DESIGNED BY BJW
DRAWN BY SJP
CHECKED BY BSA

CITY OF APOPKA DETAILS

CHANDLER ROW

CITY OF APOPKA FLORIDA

SHEET NUMBER
C10.5

Plotted By:Powers, Steven Street Set:Kelly Park — CSP Layout:C10.5 CITY OF APOPKA DETAILS April 21, 2026 02:43:53pm K:\orl_civil\249490000-kelly park mixed use\CAD\CONST\plansheets - csp\C10.0 CITY OF APOPKA DETAILS.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.