

CONSTRUCTION PLANS FOR MULTI-FAMILY DETACHED HOUSING SECTION 8 TOWNSHIP 20S RANGE 26E

COUNTY ROAD 561
CITY OF TAVARES, FL
LAKE COUNTY
FEBRUARY 2026

ENGINEER

HALFF
902 NORTH SINCLAIR AVE.
TAVARES, FLORIDA 32778
CONTACT: CHARLES C. HIOTT
EMAIL: CHIOTT@HALFF.COM
TEL: (352) 343-8481
FIRM/ BUSINESS NO.: FLA CA 33380 & FL LC 26000645 STATE: FL

SURVEYOR

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CONTACT: SUZANNE M. OSBORNE
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TEL: (352) 343-8481

UTILITIES

SECO
330 SOUTH U.S. HIGHWAY 301
SUMTERVILLE, FL 33585
(352) 793-3801

WATER / SEWER
CITY OF TAVARES
300 E MAIN ST
TAVARES, FL 32778

PHONE/CABLE
CENTURYLINK / SUMMIT BROADBAND / OPTICALTEL

OWNER

LAKE COUNTY BOARD OF COUNTY COMMISSIONERS
315 W MAIN STREET
TAVARES, FL 32778
CONTACT: BLAKE LIVINGSTON
EMAIL: BLAKE.LIVINGSTON@LAKECOUNTYFL.GOV
TEL: 352-343-9800

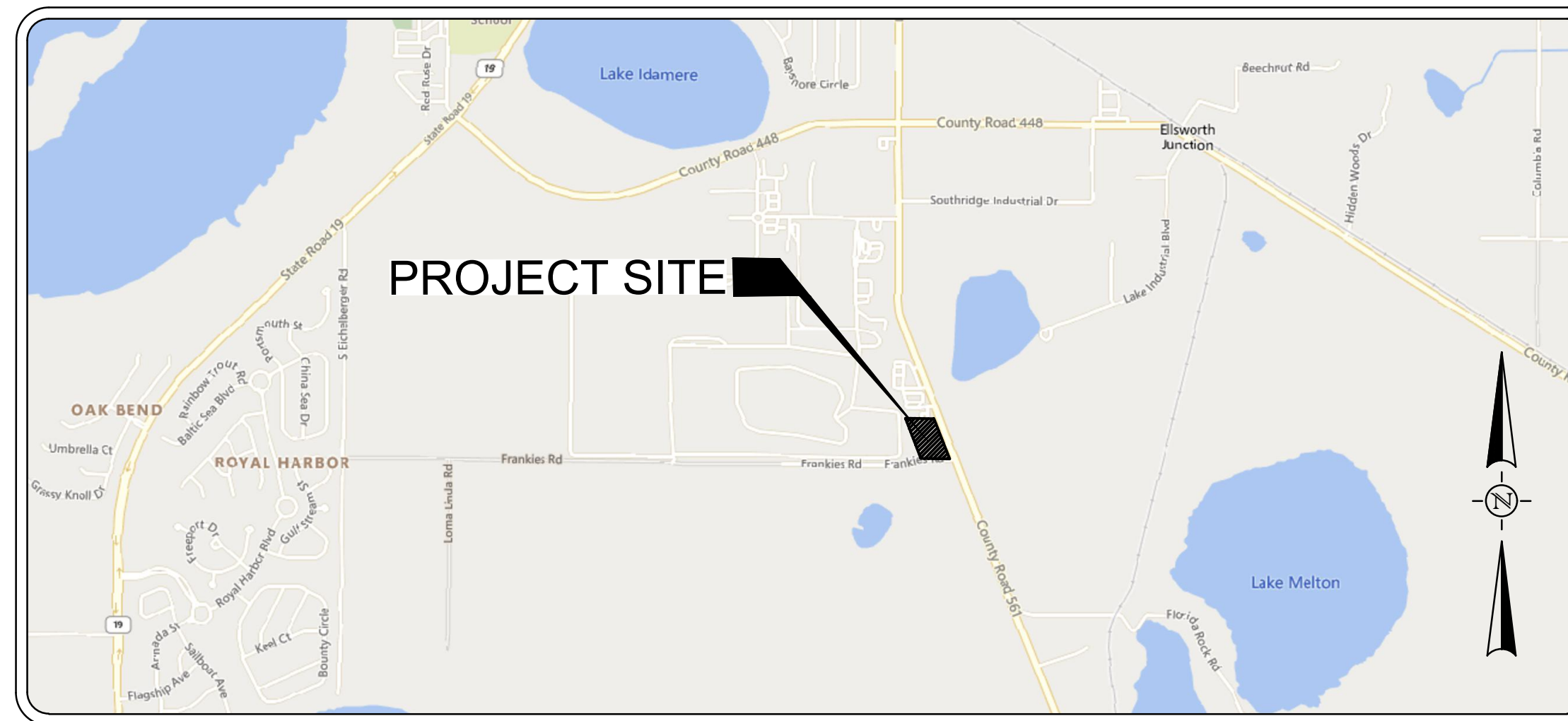
ARCHITECT

POWELL STUDIO ARCHITECTURE, INC.
713 W. MONTROSE ST.
CLERMONT, FL 34711
EMAIL: INFO@POWELLSTUDIOARCH.COM
TEL: (352)-874-2340



LAKE COUNTY

CONTACT: MELVING ISAAC
SENIOR CONSTRUCTION PROGRAM MANAGER
PARKS AND WATER RESOURCES, FACILITIES MANAGEMENT
13930 EDUCATION AVENUE, MINNEOLA, FL 34715
(352) 253-4950
EMAIL: MELVING.ISAAC@LAKECOUNTYFL.GOV



VICINITY MAP

NOT TO SCALE

INDEX OF SHEETS

SHEET	TITLE
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C-200	AERIAL
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C-600	UTILITY & FIRE PLAN
C-601	FIRE TRUCK MOVEMENT PLAN
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C-800	POTABLE WATER DETAILS (01)
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C-901	WASTE WATER DETAILS (02)
C-902	LIFT STATION DETAILS

SURVEYED DATE:

APRIL 02, 2025

BENCHMARK(S):

SITE BENCHMARK 1
N: 160747.09'
E: 420319.40'
ELEVATION: 78.22' (NAVD88)

SITE BENCHMARK 2
N: 1607965.02'
E: 420121.30'
ELEVATION: 77.41' (NAVD88)

LEGAL DESCRIPTION:

A PARCEL OF LAND LYING WITHIN SECTION 8, TOWNSHIP 20 SOUTH, RANGE 26 EAST, LAKE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE INTERSECTION OF THE CENTERLINE OF COUNTY ROAD 561 AND THE NORTH BOUNDARY OF THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF SAID SECTION 8; THENCE N89°51'07"W, ALONG SAID NORTH BOUNDARY, 53.81 FEET, TO THE WESTERLY RIGHT-OF-WAY LINE OF SAID COUNTY ROAD 561 (LYING 50 FEET FROM SAID CENTERLINE); THENCE CONTINUE N89°51'07"W, ALONG SAID NORTH BOUNDARY, 339.24 FEET; THENCE S21°33'20"E, PARALLEL WITH THE CENTERLINE OF SAID COUNTY ROAD 561, 849.42 FEET, TO THE POINT OF BEGINNING; THENCE CONTINUE S21°33'20"E, PARALLEL WITH SAID CENTERLINE, 511.13 FEET, TO A POINT 66.00 FEET NORTH OF, WHEN MEASURED AT RIGHT ANGLES TO, THE SOUTH BOUNDARY OF THE SOUTHWEST 1/4 OF SAID SECTION 8; THENCE S89°45'02"E, PARALLEL WITH SAID SOUTH BOUNDARY OF THE SOUTHWEST 1/4 OF SAID SECTION 8, 339.48 FEET, TO THE AFOREMENTIONED WESTERLY RIGHT-OF-WAY OF COUNTY ROAD 561 (LYING 50 FEET FROM THE CENTERLINE OF SAID COUNTY ROAD 561); THENCE N21°33'20"W, ALONG SAID WESTERLY RIGHT-OF-WAY, 511.13 FEET; THENCE N89°45'02"W, PARALLEL WITH THE AFOREMENTIONED SOUTH BOUNDARY OF THE SOUTHWEST 1/4 OF SAID SECTION 8, 339.48 FEET, TO THE POINT OF BEGINNING.

NOTES

- INTENDED PLAN SIZE IS 24" x 36"
- VERTICAL DATUM IS NAVD 88

OWNER/CLIENT:



POST OFFICE BOX 7800
TAVARES, FLORIDA 32778
TEL: (352) 343-9734
www.lakecountyfl.gov

PREPARED BY:



902 NORTH SINCLAIR AVE.
TAVARES, FLORIDA 32778
TEL: (352) 343-8481
www.halff.com



Know what's below.
Call before you dig.

THE INFORMATION SHOWN ON THESE DRAWINGS INDICATING SIZE, TYPE AND LOCATION OF UNDERGROUND, SURFACE, AND AERIAL UTILITIES IS NOT GUARANTEED TO BE EXACT OR COMPLETE. THE CONTRACTOR SHALL CONTACT THE "SUNSHINE 811" SYSTEM AT 1-800-432-4770 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION FOR EXISTING UTILITY LOCATIONS. THE CONTRACTOR SHALL ALSO BE FULLY RESPONSIBLE FOR FIELD VERIFYING LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES AFFECTED BY CONSTRUCTION FOR THIS PROJECT IN ORDER TO AVOID DAMAGING THOSE UTILITIES, AND SHALL IMMEDIATELY ARRANGE FOR REPAIR AND RESTORATION OF CONTRACTOR-DAMAGED UTILITIES TO THE UTILITY COMPANY'S APPROVAL AT THE EXPENSE OF THE CONTRACTOR.

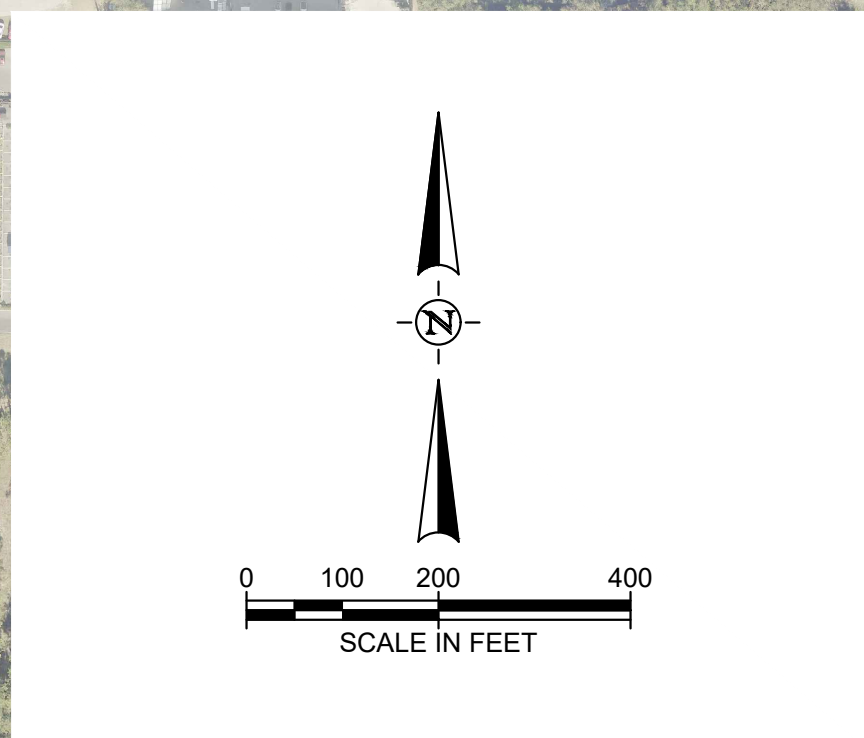
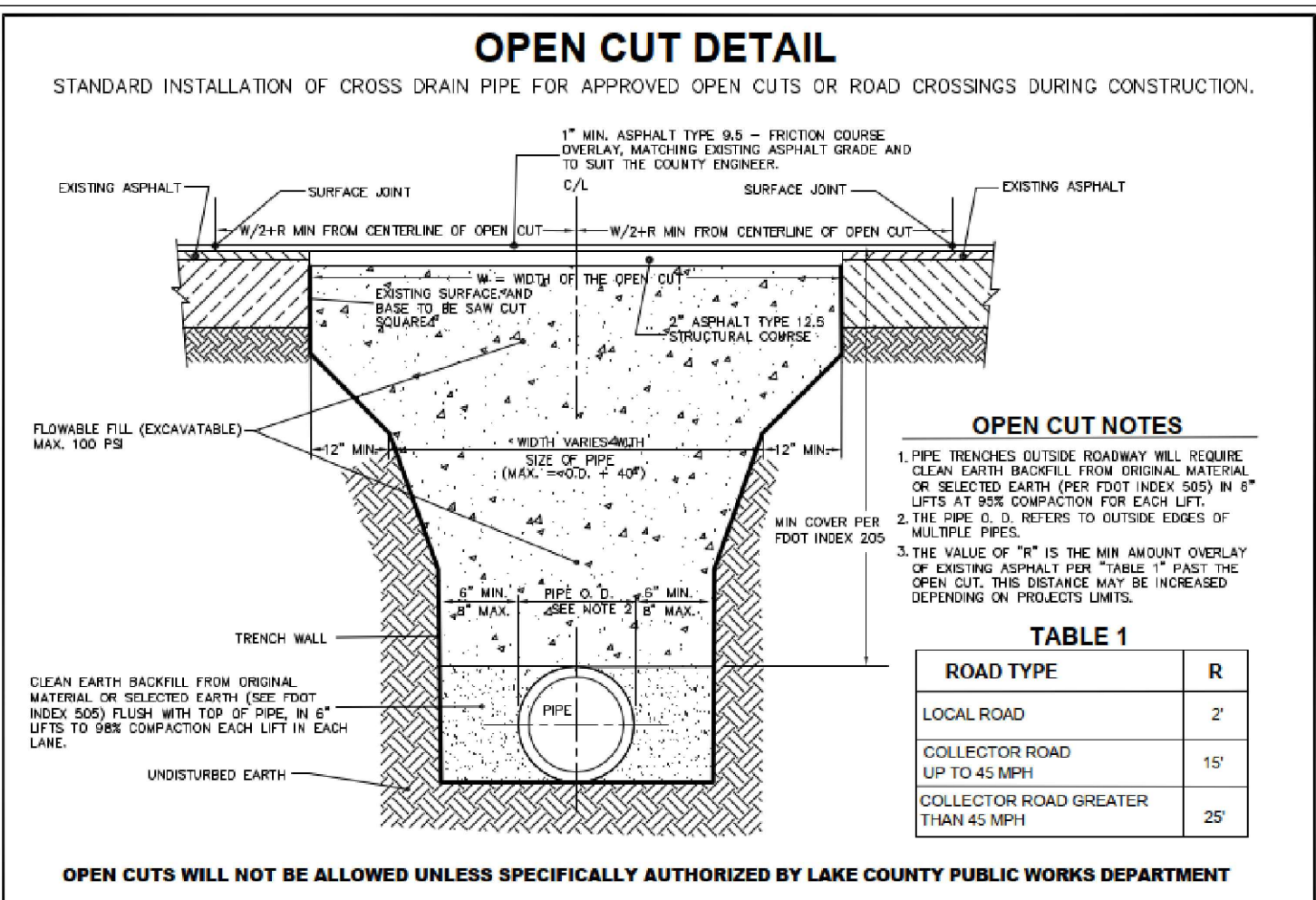
CONTRACTOR SHALL PROVIDE AND PERFORM A 2 WEEK LOOK AHEAD INTO THE UTILITY WORK TO BE PERFORMED. THIS SHALL INCLUDE THE VERIFICATION OF EXISTING UTILITIES, BOTH HORIZONTAL AND VERTICAL. POSITIONING, MATCHES WHAT IS SHOWN IN THE CONTRACT DOCUMENTS AND ANY NEW UTILITIES THAT ARE DISCOVERED DURING THIS LOOK AHEAD. INFORMATION OF CONFLICTS OR DISCREPANCIES WITH THE CONTRACT DOCUMENTS SHALL BE PROVIDED TO THE ENGINEER OF RECORD NO LESS THAN 1 WEEK PRIOR TO COMMENCEMENT OF WORK WITHIN SAID CONFLICT AREA. ENGINEER OF RECORD SHALL BE ALLOWED AMPLE TIME TO ADDRESS CONFLICTS/ISSUES AND PROVIDE ADJUSTMENTS TO THE DESIGN TO ADDRESS CONCERNS WITHOUT CONTRACTOR REQUESTING TIME DELAYS.

APPARENT ERRORS, DISCREPANCIES, OR OMISSIONS SHALL BE BROUGHT TO THE ENGINEER OF RECORD'S ATTENTION WITHIN A REASONABLE TIME FRAME, LESS THAN 48 HOURS AFTER DISCOVERED. ADVANTAGE WILL NOT BE TAKEN OF APPARENT ERROR OR OMISSION IN THE DRAWINGS OR SPECIFICATIONS, AND THE ENGINEER SHALL BE PERMITTED TO MAKE CORRECTIONS AND INTERPRETATIONS AS MAY BE DEEMED NECESSARY FOR FULFILLMENT OF THE INTENT OF THE DESIGN.

ORIGINAL DOCUMENT SIZE 24"x36"



FILE NAME: A:\43000\43862\082\PM\CADD\Sheets\C-PLAN-SITE-43862-082.dwg DATE: February 23, 2026, TIME: 9:50 AM, USER: ah4855



MULTI-FAMILY DETACHED HOUSING
TAVARES, FL

LAKE COUNTY, FL
REAL FLORIDA • REAL CLOSE

half
1000 W. UNIVERSITY BLVD.
RICHMOND, TX 75281
TEL: (214) 346-6200

REVISION NO.	DATE	DESCRIPTION

THE SEAL ORIGINALLY APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY:

CHARLES C. HOITT 54813
NAME PE LICENSE NO.
2/23/2026
DATE

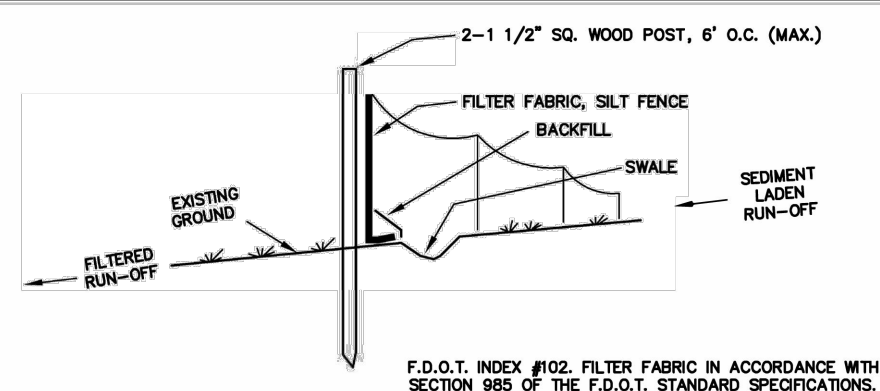
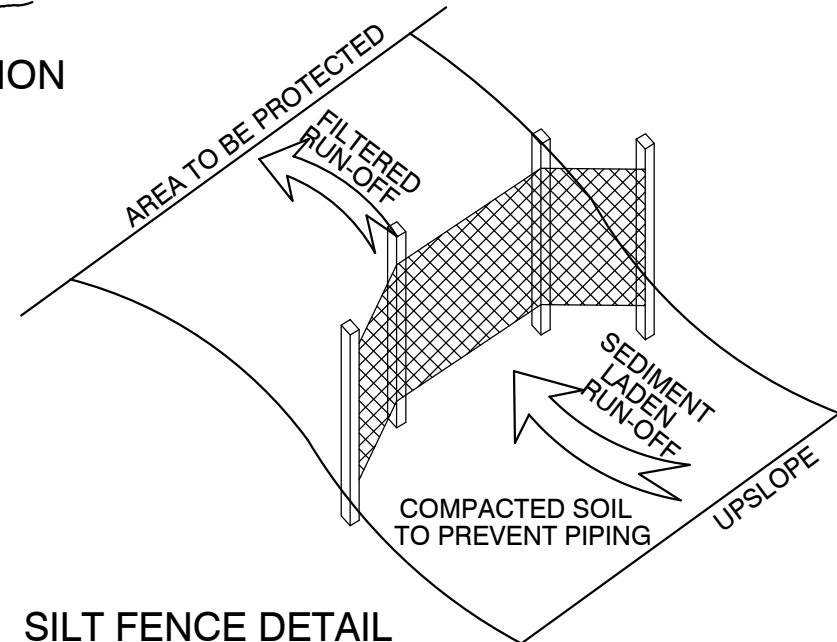
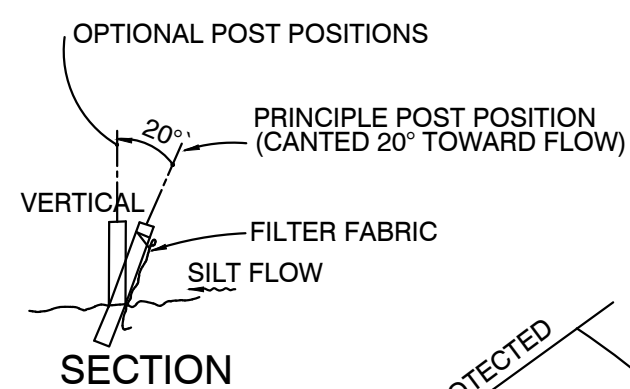
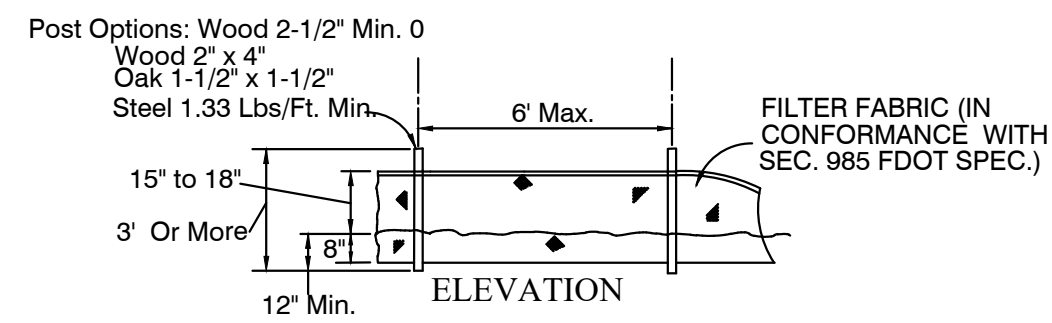
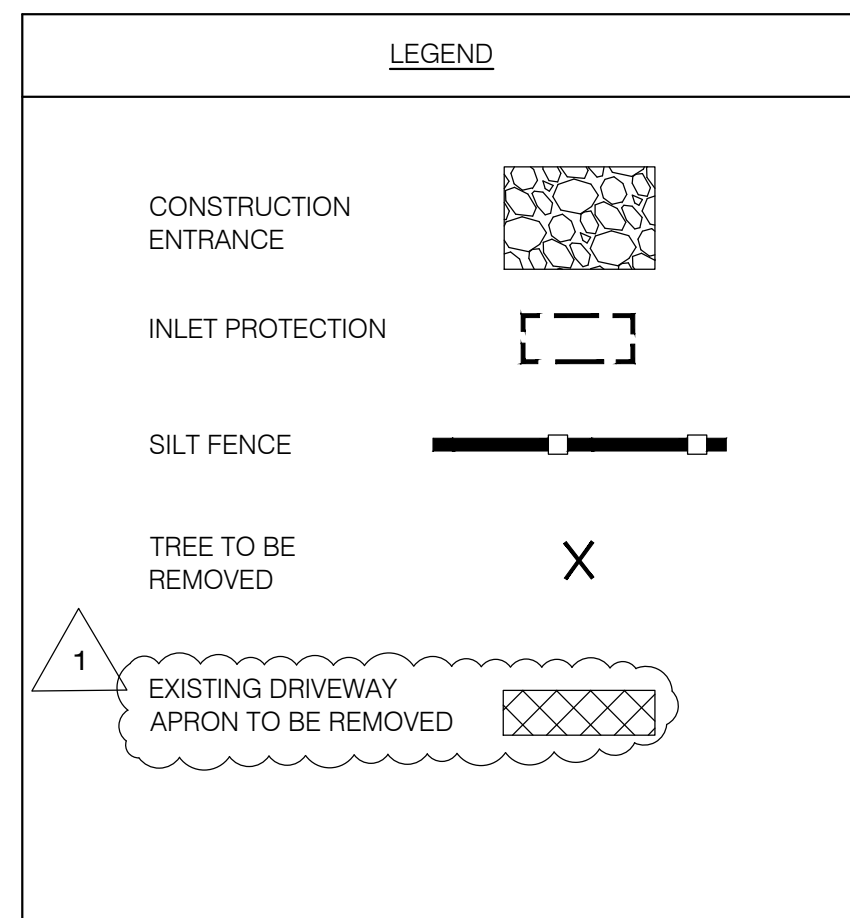
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HALFF ASSOCIATES, INC.

FLA. CA. 33380 & FL. LC 26000045 FL
FIRM / BUSINESS NO. STATE

PROJECT NO.: 043862.082
ISSUED: MAY 2025
DRAWN BY: KH
CHECKED BY: CH
SCALE: 1" = 200'
SHEET TITLE:

AERIAL

C-200



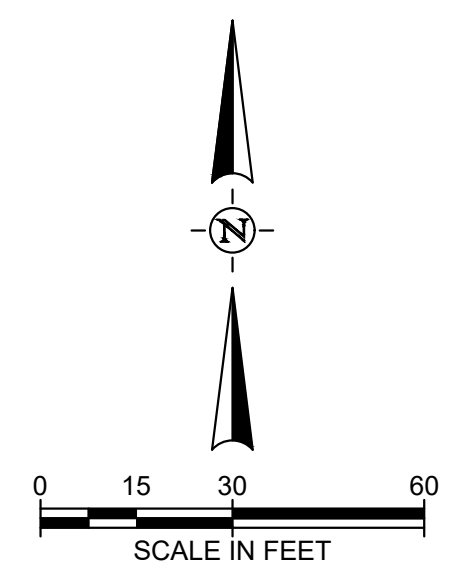
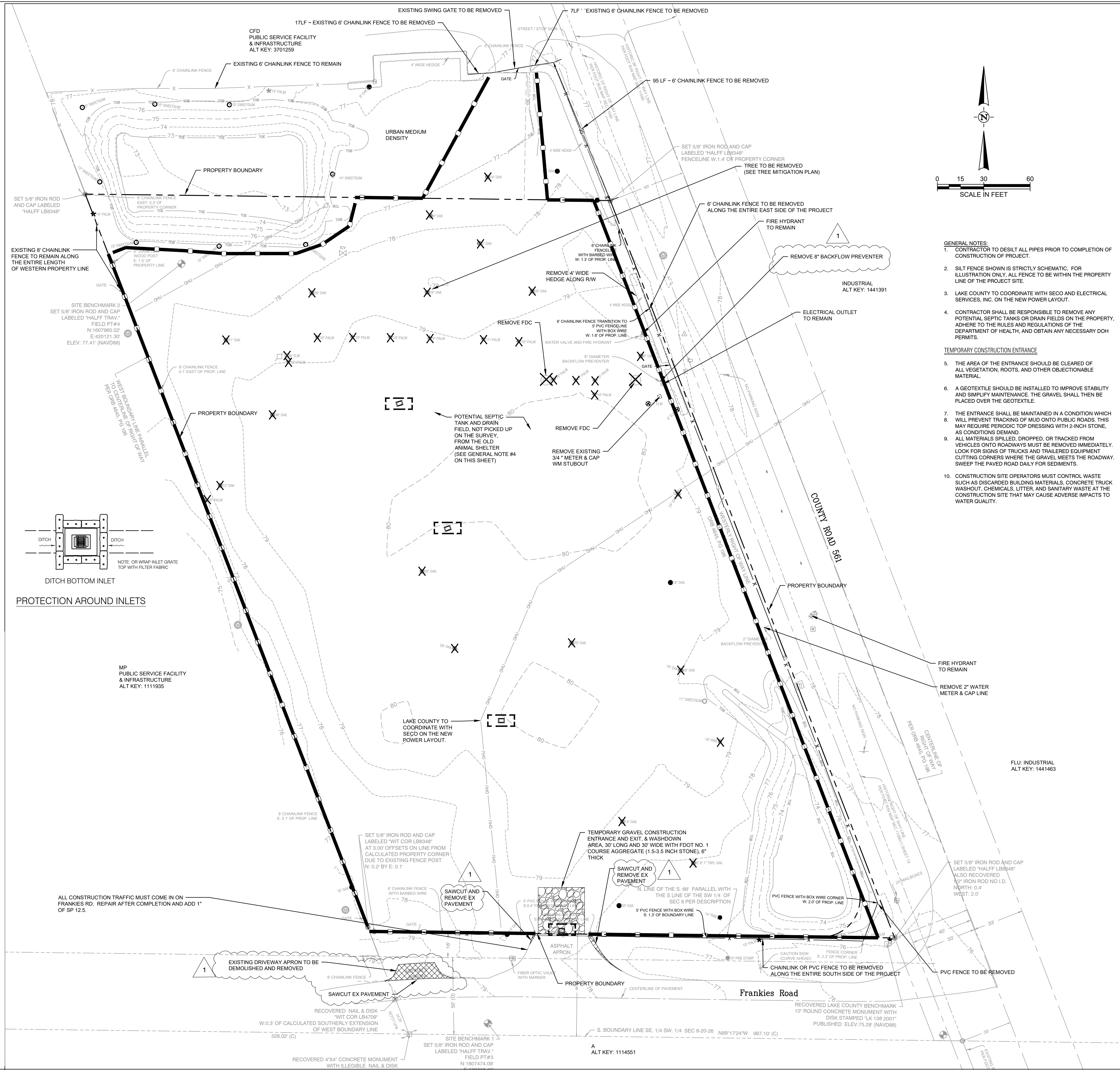
- NOTES:
- TEMPORARY EROSION CONTROL STRUCTURE TO BE UTILIZED DURING CONSTRUCTION AT AREAS DESIGNATED BY THE CITY OR AREAS ON-SITE WHERE UNSTABILIZED GRADES MAY CAUSE EROSION PROBLEMS. EROSION CONTROL STRUCTURE MAY BE REMOVED AFTER UPSLOPE AREA HAS BEEN STABILIZED BY SOO, OR COMPACTED AS DETERMINED BY CONTRACTOR.
 - CONSTRUCT STORMWATER SYSTEMS BEFORE ANY BUILDING OR ROAD CONSTRUCTION IS STARTED.
 - PROTECT SYSTEM FROM SILTING AND DEBRIS BY METHODS PROVIDED IN DETAILS.
 - PROTECT SWALE BOTTOM FROM SEALING BY EXCAVATING ALL SILT DEPOSITS DURING CONSTRUCTION. THIS SHALL BE DONE BEFORE SOO & SEEDING & MULCHING IS FINISHED.

EROSION CONTROL STRUCTURE
NOT TO SCALE

- THE FOLLOWING LIST REPRESENTS A BASIC EROSION AND SEDIMENT CONTROL PROGRAM WHICH IS TO BE IMPLEMENTED TO HELP PREVENT OFF-SITE SEDIMENTATION DURING AND AFTER CONSTRUCTION OF THE PROJECT.
- PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AT THE EARLIEST PRACTICAL TIME CONSISTENT WITH GOOD CONSTRUCTION PRACTICES. ONE OF THE FIRST CONSTRUCTION ACTIVITIES SHOULD BE THE PLACEMENT OF PERMANENT AND TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AROUND THE PERIMETER OF THE PROJECT OR THE INITIAL WORK AREA TO PROTECT THE PROJECT, ADJACENT PROPERTIES AND WATER RESOURCES.
 - TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE COORDINATED WITH PERMANENT MEASURES TO ASSURE ECONOMIC, EFFICIENT AND CONTINUOUS CONTROL THROUGHOUT THE CONSTRUCTION PHASE. TEMPORARY MEASURES SHALL NOT BE CONSTRUCTED FOR EXPEDIENTY IN LIEU OF PERMANENT MEASURES.
 - EROSION AND SEDIMENT CONTROL MEASURES SHALL BE ADEQUATELY MAINTAINED TO PERFORM THEIR INTENDED FUNCTION DURING CONSTRUCTION OF THE PROJECT.
 - NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BARRIERS SHALL BE ACCOMPLISHED PROMPTLY.
 - SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
 - MATERIAL FROM SEDIMENT TRAPS SHALL NOT BE STOCKPILED OR DISPOSED OF IN A MANNER WHICH MAKES THEM READILY SUSCEPTIBLE TO BEING WASHED INTO ANY WATERCOURSE BY RUNOFF OR HIGH WATER.
 - ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE BARRIERS ARE NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.

City of Tavares Standard Details
City of Tavares Utility Department
1000 Capital Highway Road Tavares, FL 32778
Phone (352)742-6485 Fax (352)742-6110

DATE: APRIL 2018
DETAIL GR-1



- GENERAL NOTES:**
- CONTRACTOR TO DESILT ALL PIPES PRIOR TO COMPLETION OF CONSTRUCTION OF PROJECT.
 - SILT FENCE SHOWN IS STRICTLY SCHEMATIC, FOR ILLUSTRATION ONLY. ALL FENCE TO BE WITHIN THE PROPERTY LINE OF THE PROJECT SITE.
 - LAKE COUNTY TO COORDINATE WITH SECO AND ELECTRICAL SERVICES, INC. ON THE NEW POWER LAYOUT.
 - CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE ANY POTENTIAL SEPTIC TANKS OR DRAIN FIELDS ON THE PROPERTY. ADHERE TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF HEALTH, AND OBTAIN ANY NECESSARY DOH PERMITS.
- TEMPORARY CONSTRUCTION ENTRANCE**
- THE AREA OF THE ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL.
 - A GEOTEXTILE SHOULD BE INSTALLED TO IMPROVE STABILITY AND SIMPLIFY MAINTENANCE. THE GRAVEL SHALL THEN BE PLACED OVER THE GEOTEXTILE.
 - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF MUD ONTO PUBLIC ROADS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 2-INCH STONE, AS CONDITIONS DEMAND.
 - ALL MATERIALS SPILLED, DROPPED, OR TRACKED FROM VEHICLES ONTO ROADWAYS MUST BE REMOVED IMMEDIATELY. LOOK FOR SIGNS OF TRUCKS AND TRAILERED EQUIPMENT CUTTING CORNERS WHERE THE GRAVEL MEETS THE ROADWAY. SWEEP THE PAVED ROAD DAILY FOR SEDIMENTS.
 - CONSTRUCTION SITE OPERATORS MUST CONTROL WASTE SUCH AS DISCARDED BUILDING MATERIALS, CONCRETE TRUCK WASHOUT, CHEMICALS, LITTER, AND SANITARY WASTE AT THE CONSTRUCTION SITE THAT MAY CAUSE ADVERSE IMPACTS TO WATER QUALITY.

MULTI-FAMILY DETACHED HOUSING
TAVARES, FL

LAKE COUNTY, FL
REAL FLORIDA • REAL CLOSE

half
REAL ESTATE SERVICES
RICHARDSON, TX 75081
TEL: (214) 346-6200

REVISION NO.	DATE	DESCRIPTION	CITY / COUNTY RAI #1
1	10-09-25		

FLU INDUSTRIAL ALT KEY: 1441463

THE SEAL ORIGINALLY APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY:
CHARLES C. HOITT 54813
NAME FE LICENSE NO.
DATE 2/23/2026

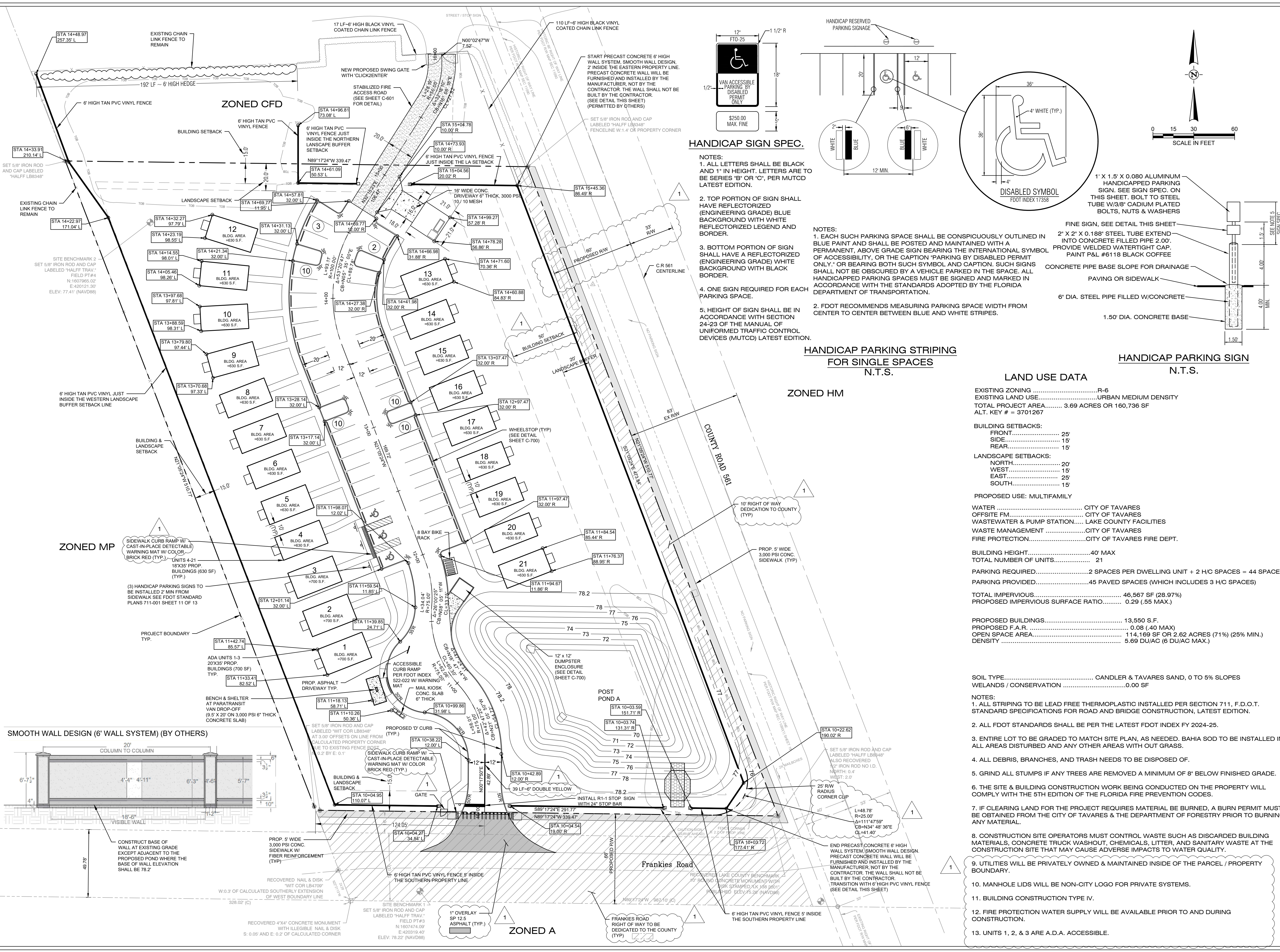
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FLA CA 33380 & FLC 26000445 FL STATE
FIRM / BUSINESS NO.

PROJECT NO.: 043862.082
ISSUED: MAY 2025
DRAWN BY: KH
CHECKED BY: CH
SCALE: 1" = 30'
SHEET TITLE:
DEMO & EROSION PLAN
C-300

FILE NAME: A:\43000\043862\082\PRV\CADD\Sheets\C-PLAN-SITE-43862-082.dwg DATE: February 23, 2026, TIME: 9:49 AM, USER: ah4852

FILE NAME: A:\430004\43862\02\2\DW\CAD\Sheets\C-PLAN-SITE-43862-02.dwg DATE: February 23, 2026, TIME: 9:48 AM, USER: ah4855



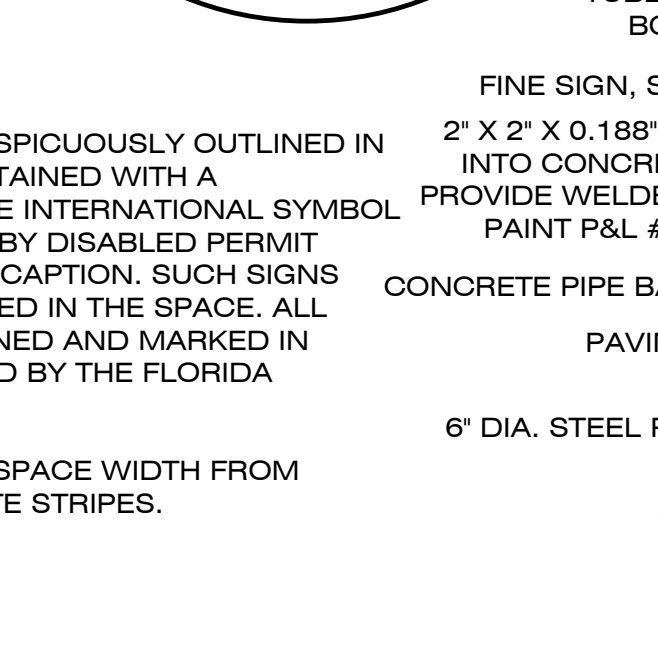
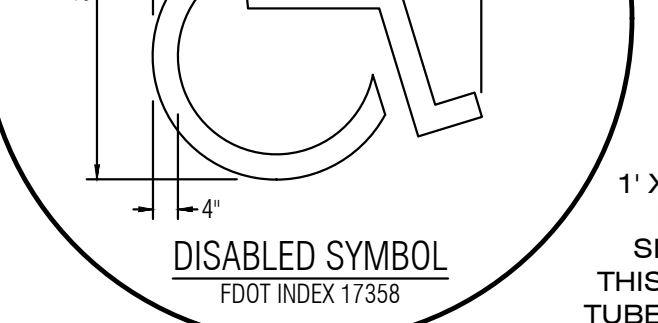
HANDICAP SIGN SPEC.

- NOTES:
1. ALL LETTERS SHALL BE BLACK AND 1" IN HEIGHT. LETTERS ARE TO BE SERIES "B" OR "C", PER MUTCD LATEST EDITION.
 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 BORDER.
 4. ONE SIGN REQUIRED FOR EACH PARKING SPACE.
 5. HEIGHT OF SIGN SHALL BE IN ACCORDANCE WITH SECTION 24-23 OF THE MANUAL OF UNIFORMED TRAFFIC CONTROL DEVICES (MUTCD) LATEST EDITION.

HANDICAP PARKING STRIPING FOR SINGLE SPACES N.T.S.

ZONED HM

- LAND USE DATA
- EXISTING ZONINGR-6
 EXISTING LAND USEURBAN MEDIUM DENSITY
 TOTAL PROJECT AREA 3.69 ACRES OR 160,736 SF
 ALT. KEY # = 3701267
- BUILDING SETBACKS:
 FRONT 25'
 SIDE 15'
 REAR 15'
- LANDSCAPE SETBACKS:
 NORTH 20'
 WEST 15'
 EAST 25'
 SOUTH 15'
- PROPOSED USE: MULTIFAMILY
- WATER CITY OF TAVARES
 WASTEWATER & PUMP STATION LAKE COUNTY FACILITIES
 WASTE MANAGEMENT CITY OF TAVARES
 FIRE PROTECTION CITY OF TAVARES FIRE DEPT.
- BUILDING HEIGHT 40' MAX
 TOTAL NUMBER OF UNITS 21
 PARKING REQUIRED 2 SPACES PER DWELLING UNIT + 2 H/C SPACES = 44 SPACES
 PARKING PROVIDED 45 PAVED SPACES (WHICH INCLUDES 3 H/C SPACES)
 TOTAL IMPERVIOUS 46,567 SF (28.97%)
 PROPOSED IMPERVIOUS SURFACE RATIO 0.29 (.55 MAX.)
- PROPOSED BUILDINGS 13,550 S.F.
 PROPOSED F.A.R. 0.08 (.40 MAX)
 OPEN SPACE AREA 114,169 SF OR 2.62 ACRES (71%) (25% MIN.)
 DENSITY 5.69 DU/AC (6 DU/AC MAX.)
- SOIL TYPE CANDLER & TAVARES SAND, 0 TO 5% SLOPES
 WELANDS / CONSERVATION 0.00 SF
- NOTES:
1. ALL STRIPING TO BE LEAD FREE THERMOPLASTIC INSTALLED PER SECTION 711, F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
 2. ALL FDOT STANDARDS SHALL BE PER THE LATEST FDOT INDEX FY 2024-25.
 3. ENTIRE LOT TO BE GRADED TO MATCH SITE PLAN, AS NEEDED. BAHIA SOD TO BE INSTALLED IN ALL AREAS DISTURBED AND ANY OTHER AREAS WITH OUT GRASS.
 4. ALL DEBRIS, BRANCHES, AND TRASH NEEDS TO BE DISPOSED OF.
 5. GRIND ALL STUMPS IF ANY TREES ARE REMOVED A MINIMUM OF 8' BELOW FINISHED GRADE.
 6. THE SITE & BUILDING CONSTRUCTION WORK BEING CONDUCTED ON THE PROPERTY WILL COMPLY WITH THE 5TH EDITION OF THE FLORIDA FIRE PREVENTION CODES.
 7. IF CLEARING LAND FOR THE PROJECT REQUIRES MATERIAL BE BURNED, A BURN PERMIT MUST BE OBTAINED FROM THE CITY OF TAVARES & THE DEPARTMENT OF FORESTRY PRIOR TO BURNING ANY MATERIAL.
 8. CONSTRUCTION SITE OPERATORS MUST CONTROL WASTE SUCH AS DISCARDED BUILDING MATERIALS, CONCRETE TRUCK WASHOUT, CHEMICALS, LITTER, AND SANITARY WASTE AT THE CONSTRUCTION SITE THAT MAY CAUSE ADVERSE IMPACTS TO WATER QUALITY.
 9. UTILITIES WILL BE PRIVATELY OWNED & MAINTAINED INSIDE OF THE PARCEL / PROPERTY BOUNDARY.
 10. MANHOLE LIDS WILL BE NON-CITY LOGO FOR PRIVATE SYSTEMS.
 11. BUILDING CONSTRUCTION TYPE IV.
 12. FIRE PROTECTION WATER SUPPLY WILL BE AVAILABLE PRIOR TO AND DURING CONSTRUCTION.
 13. UNITS 1, 2, & 3 ARE A.D.A. ACCESSIBLE.



HANDICAP PARKING SIGN N.T.S.

- 1' X 1.5' X 0.080 ALUMINUM HANDICAPPED PARKING SIGN. SEE SIGN SPEC. ON THIS SHEET. BOLT TO STEEL TUBE W/3/8" CADMIUM PLATED BOLTS, NUTS & WASHERS
- FINE SIGN, SEE DETAIL THIS SHEET
- 2" X 2" X 0.188" STEEL TUBE EXTEND INTO CONCRETE FILLED PIPE 2.00'. PROVIDE WELDED WATERTIGHT CAP. PAINT P&L #6118 BLACK COFFEE
- CONCRETE PIPE BASE SLOPE FOR DRAINAGE
- PAVING OR SIDEWALK
- 6" DIA. STEEL PIPE FILLED W/CONCRETE
- 1.50" DIA. CONCRETE BASE

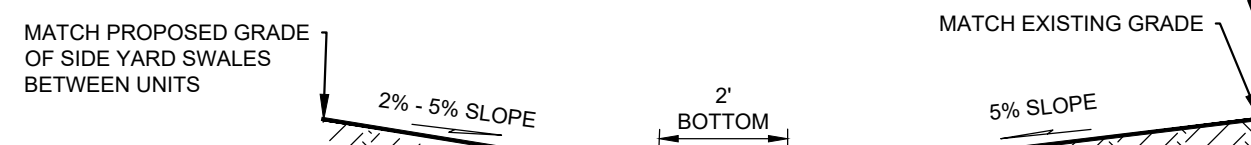
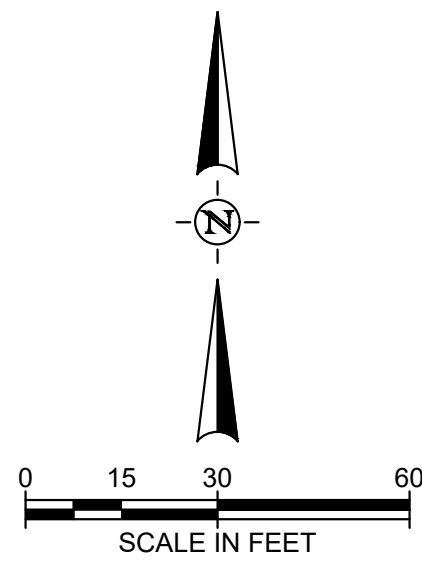
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TAVARES, FL

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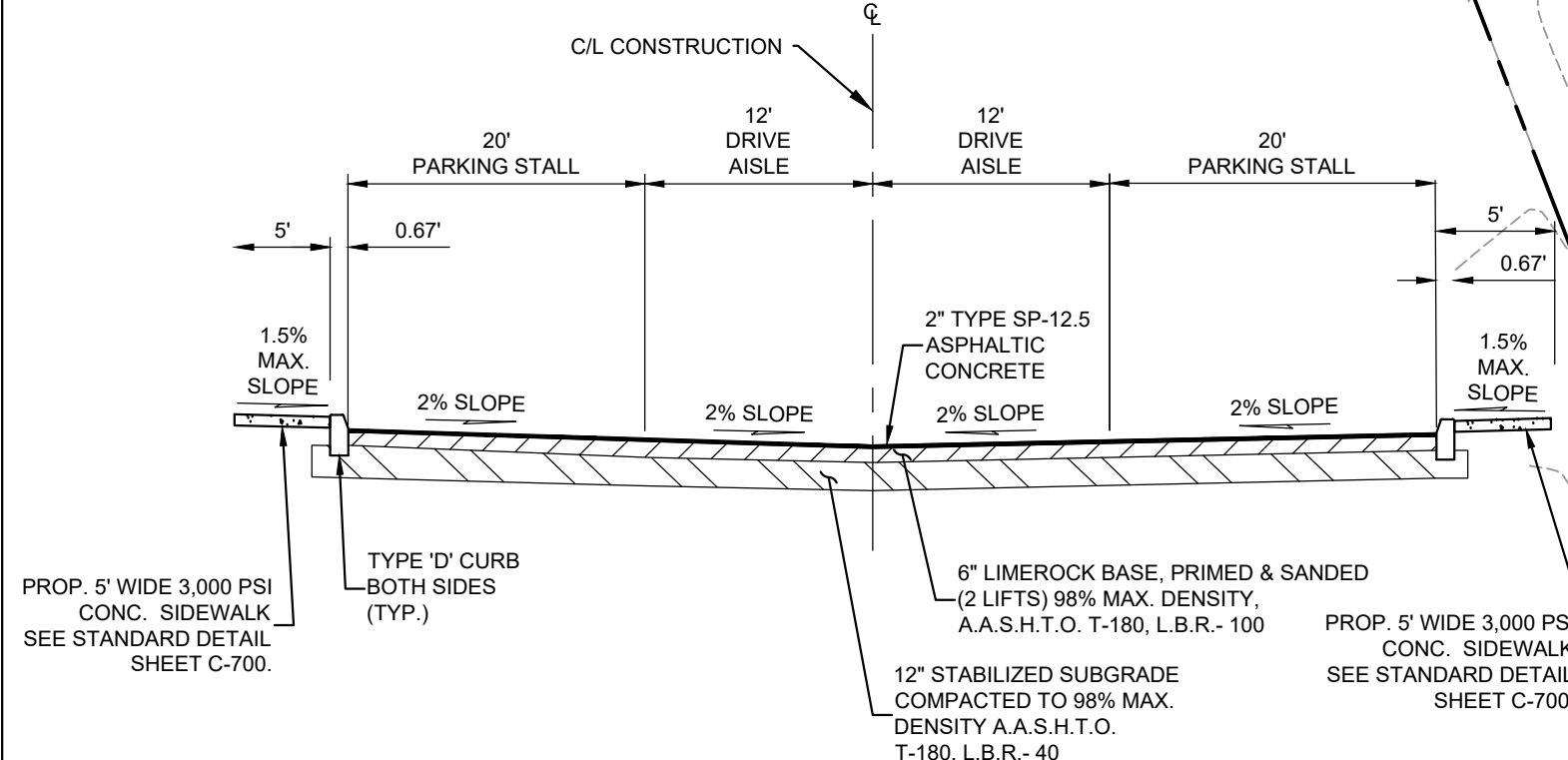
half
REAL ESTATE SERVICES
10000 W. UNIVERSITY BLVD.
RICHMOND, TX 75281
TEL: (214) 346-6200

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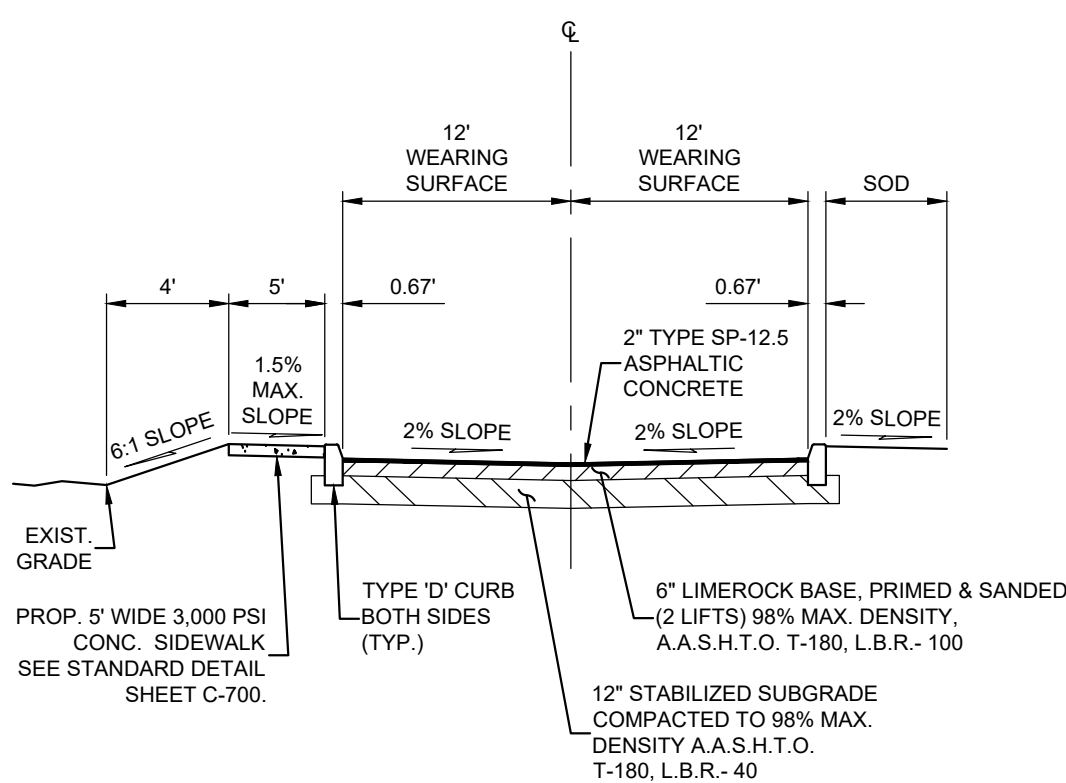
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 NAME DATE
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 FLA CA 33386 & FL LC 26000445 FL FIRM / BUSINESS NO. STATE
 PROJECT NO.: 043862.082
 ISSUED: MAY 2025
 DRAWN BY: KH
 CHECKED BY: CH
 SCALE: 1" = 30'
 SHEET TITLE:
GEOMETRY PLAN
C-400



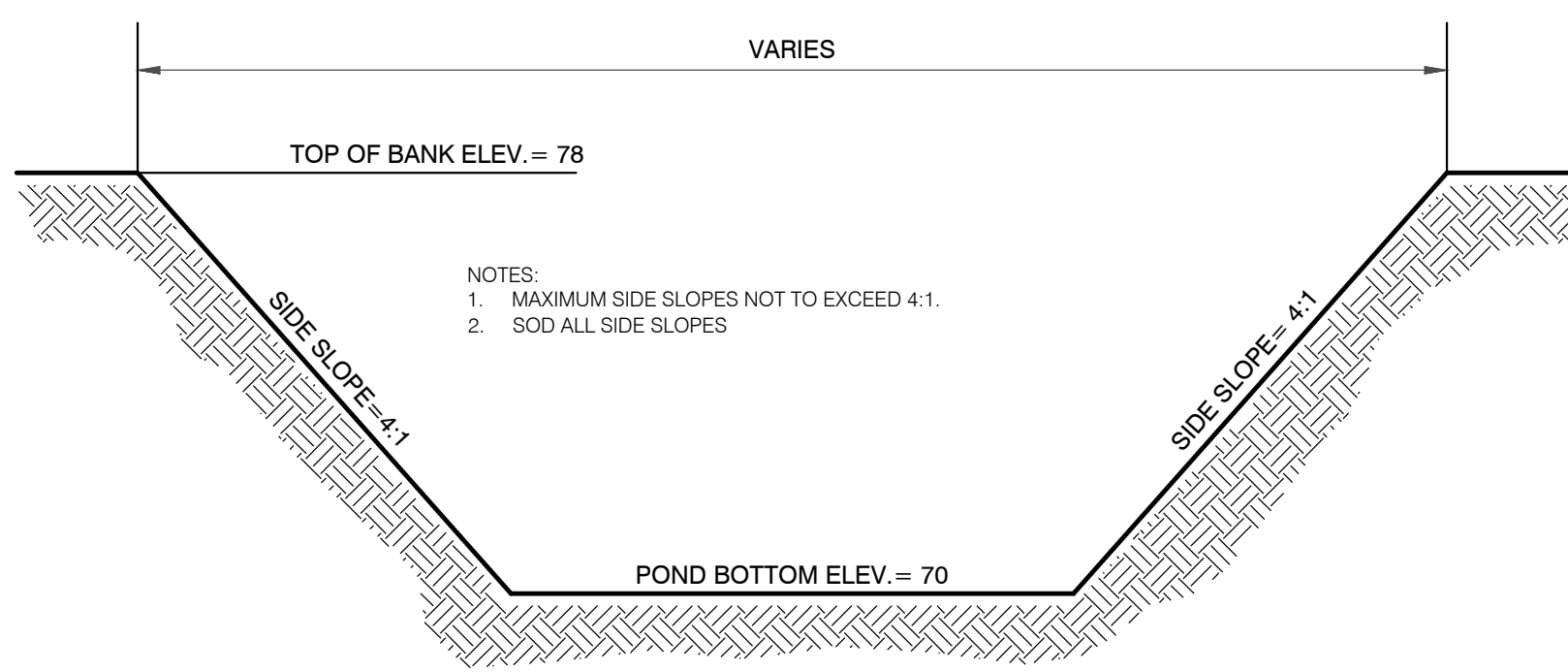
SWALE SECTION C-C
NOT TO SCALE



TYPICAL PARKING LOT SECTION B-B
NOT TO SCALE

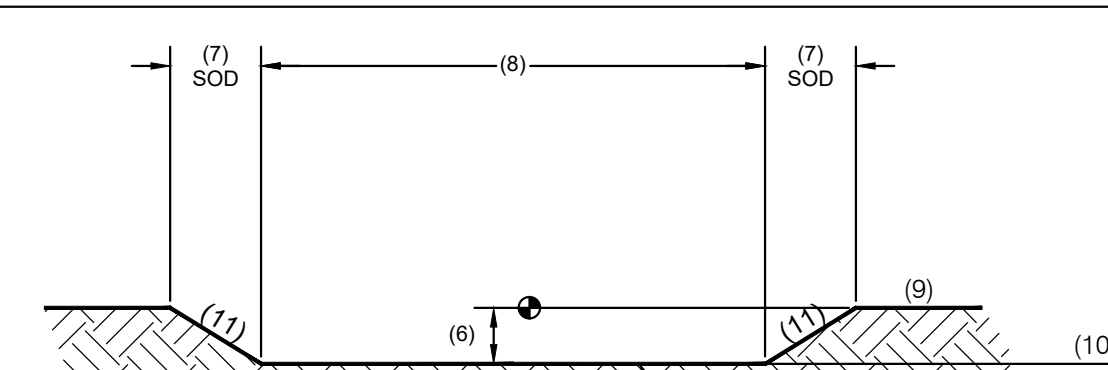
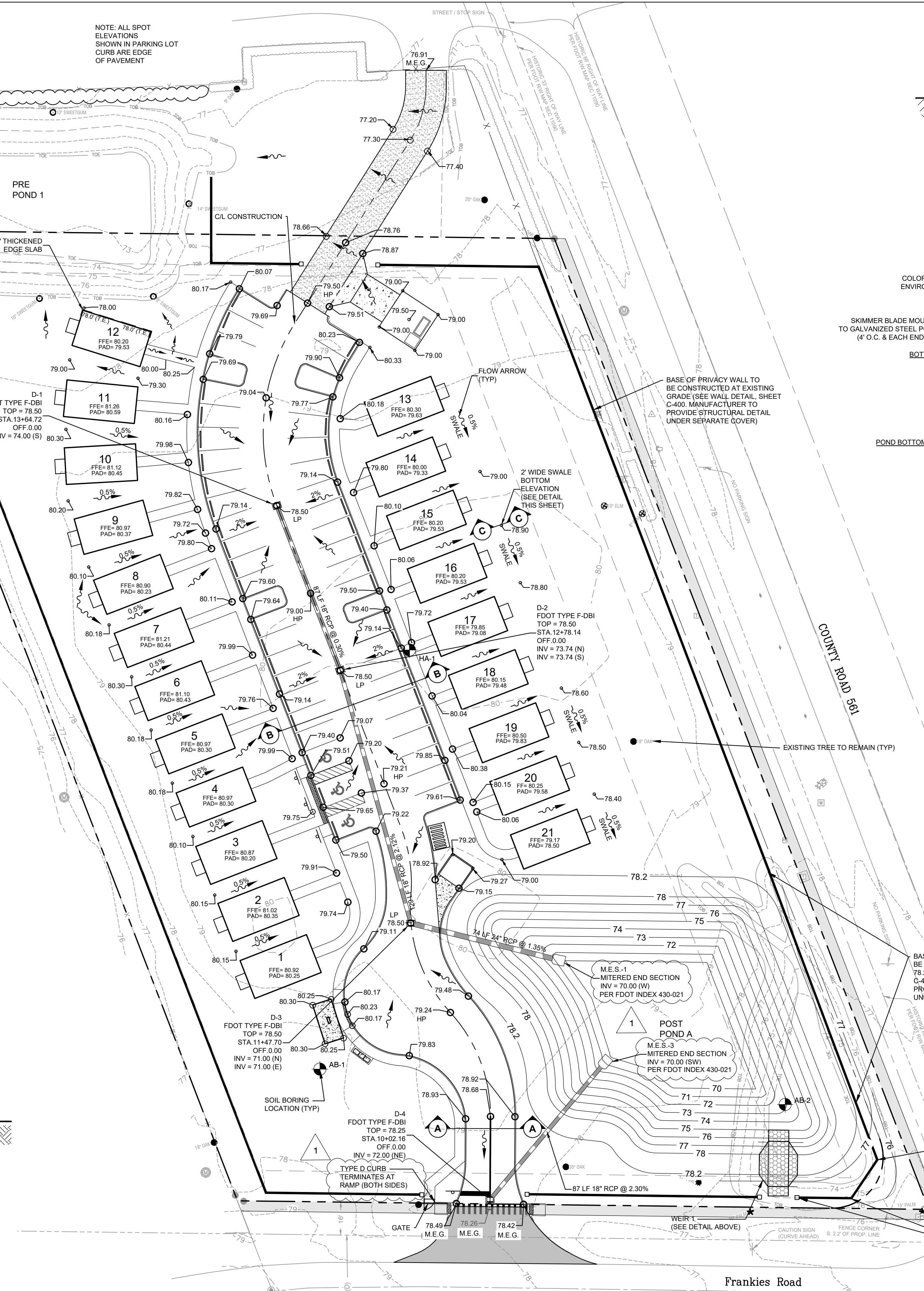


TYPICAL ENTRANCE ROAD SECTION A-A
NOT TO SCALE



TYPICAL POND SECTION

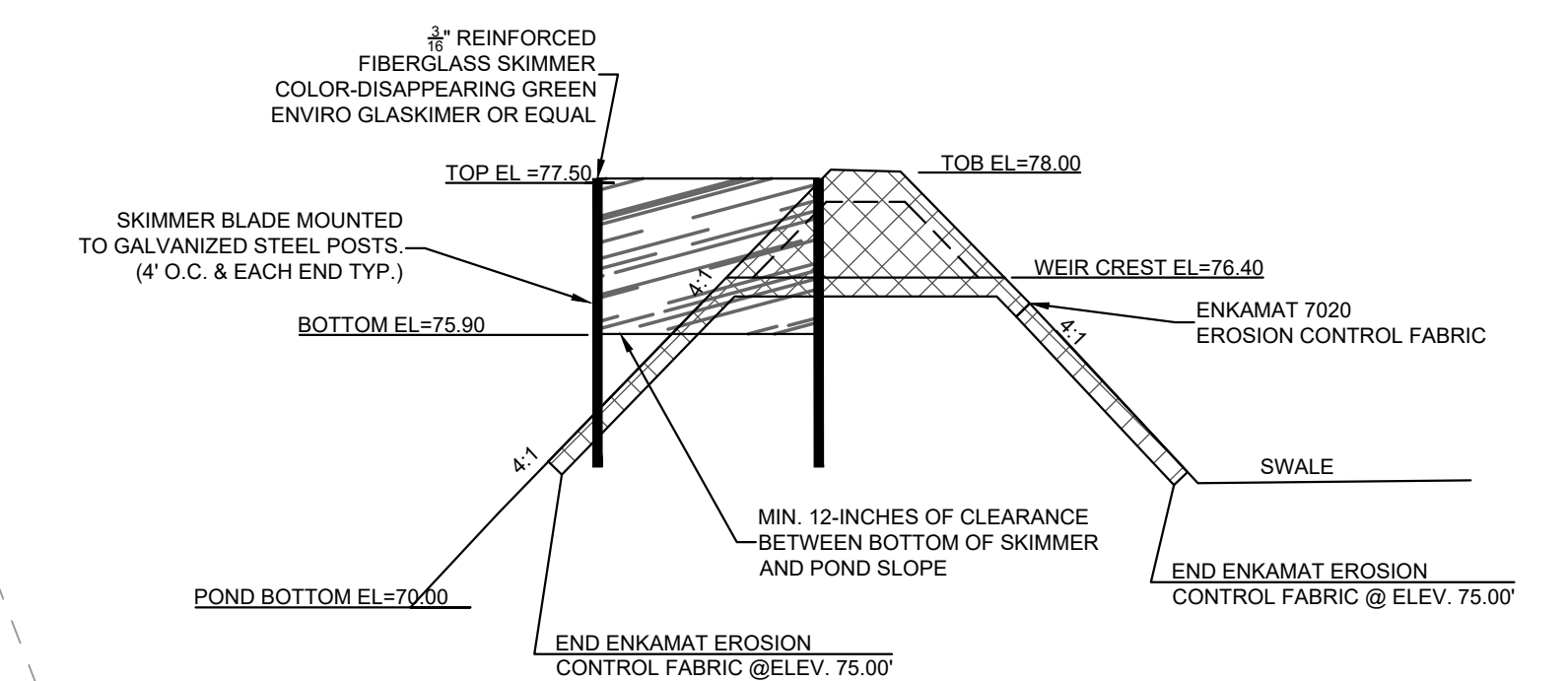
DRA NO.	TOP OF BANK ELEVATION	POND BOTTOM ELEVATION	SLOPE (MAX.)	MEAN ANNUAL -24HR	10 YR -24HR	25 YR -24HR	100 YR -24HR
A	78.00	70.00	4:1	73.32	75.04	76.33	76.52



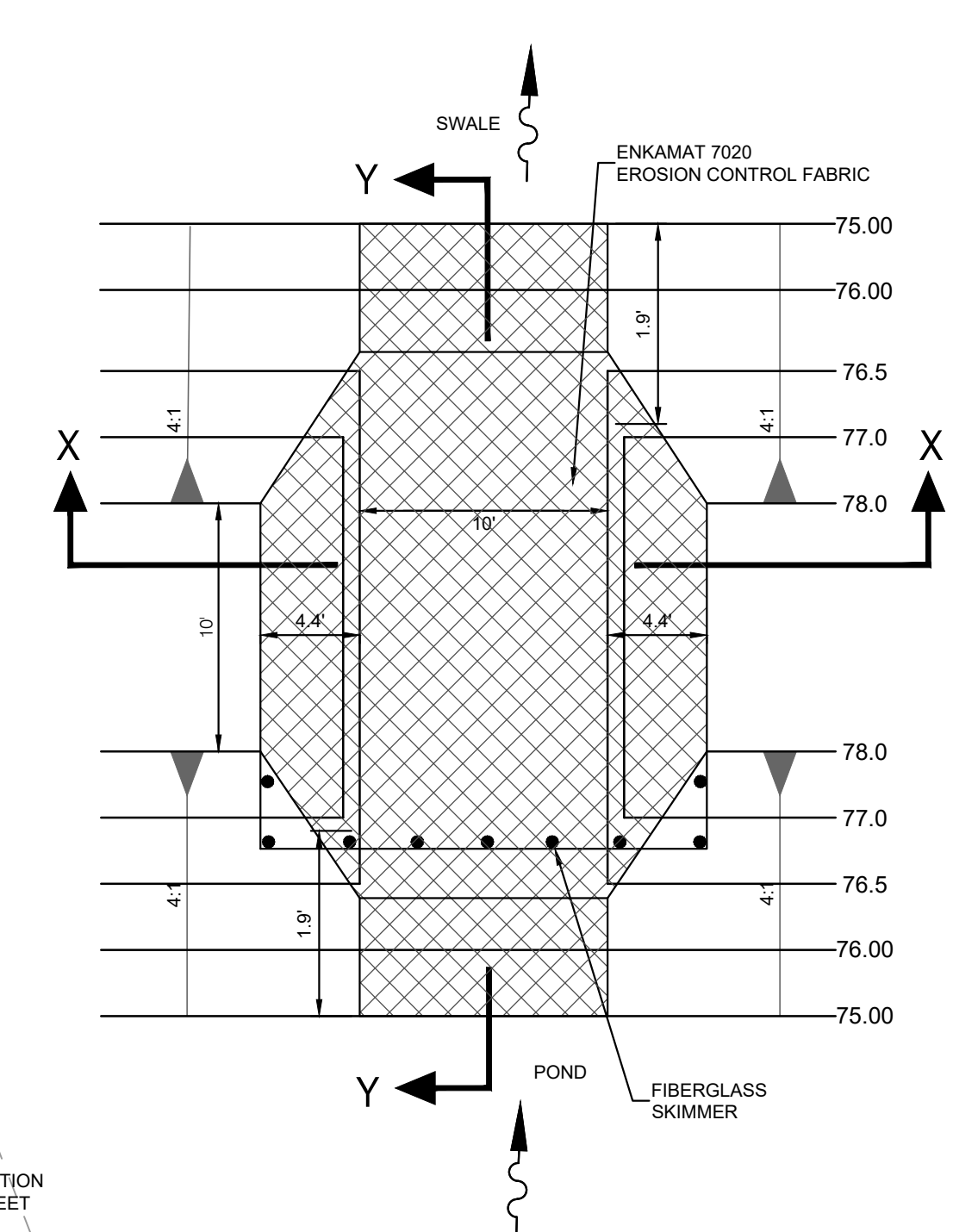
SECTION X-X

WEIR SECTION DATA

WRA NUMBER	(6) (F.T.)	(7) (F.T.)	(8) (F.T.)	(9) (ELEV.)	(10) (ELEV.)	(11)
WEIR 1	1.60	6.40	10.00	78.00	76.40	4:1



SECTION Y-Y



PLAN VIEW-WEIR 1

TYPICAL WEIR SECTION
NOT TO SCALE

FILE NAME: A:\43000s\43862\02\DW\CADD\Sheets\C-PLAN-SITE-43862-082.dwg DATE: February 23, 2026, TIME: 9:48 AM, USER: ah855

MULTI-FAMILY DETACHED HOUSING
TAVARES, FL

half
REAL ESTATE SERVICES
10000 W. UNIVERSITY BLVD.
RICHMOND, TX 75281
TEL: (214) 346-6200

REVISION NO.	DATE	DESCRIPTION

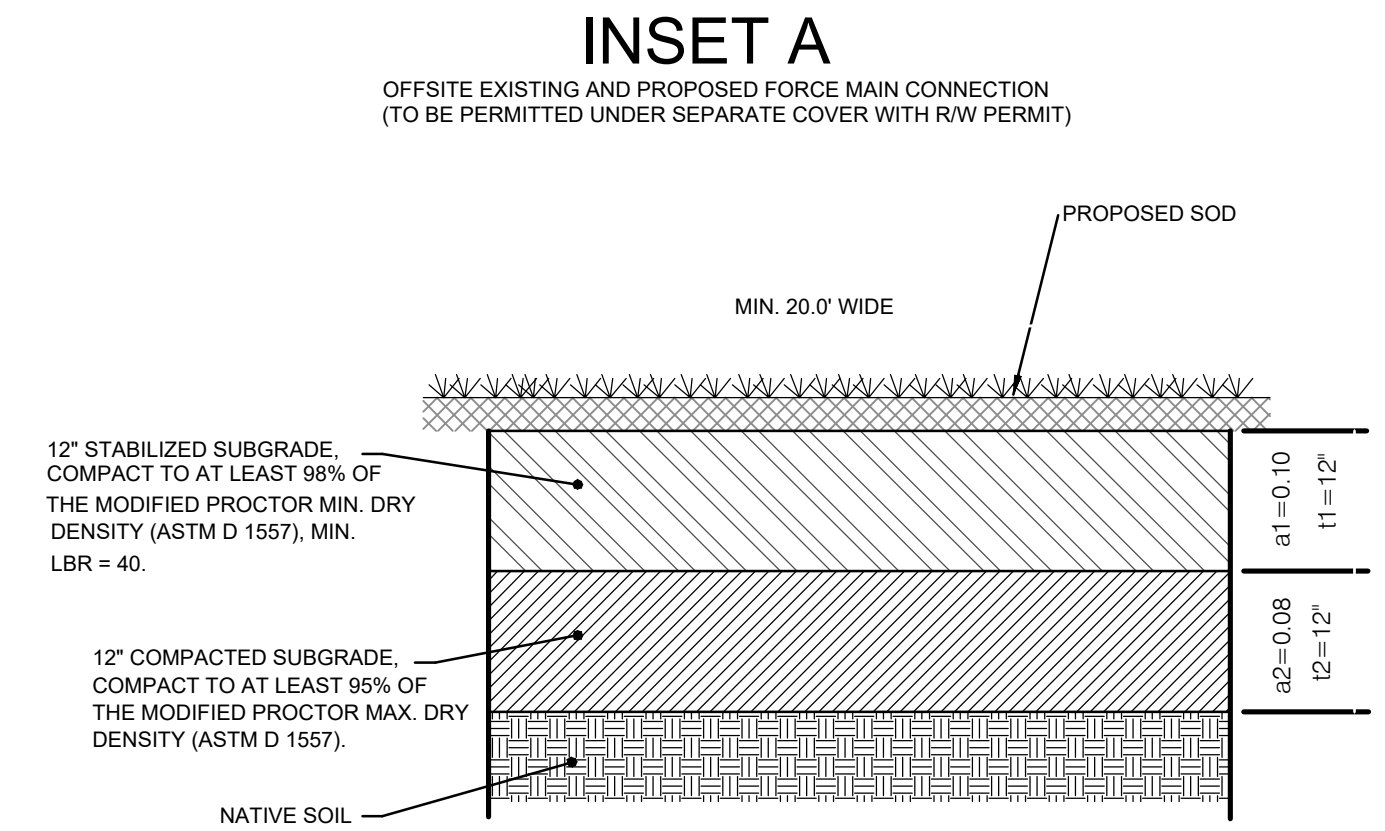
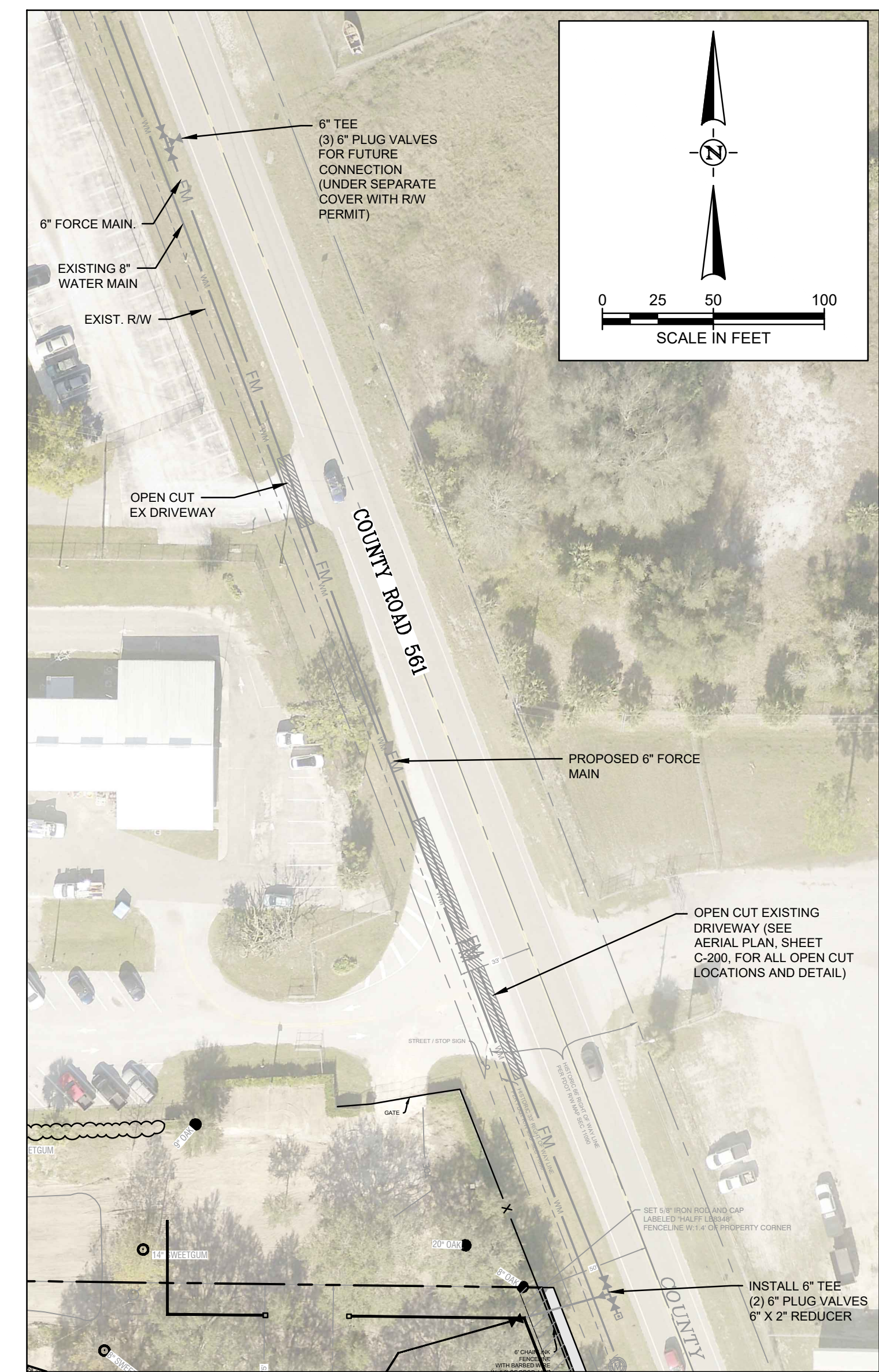
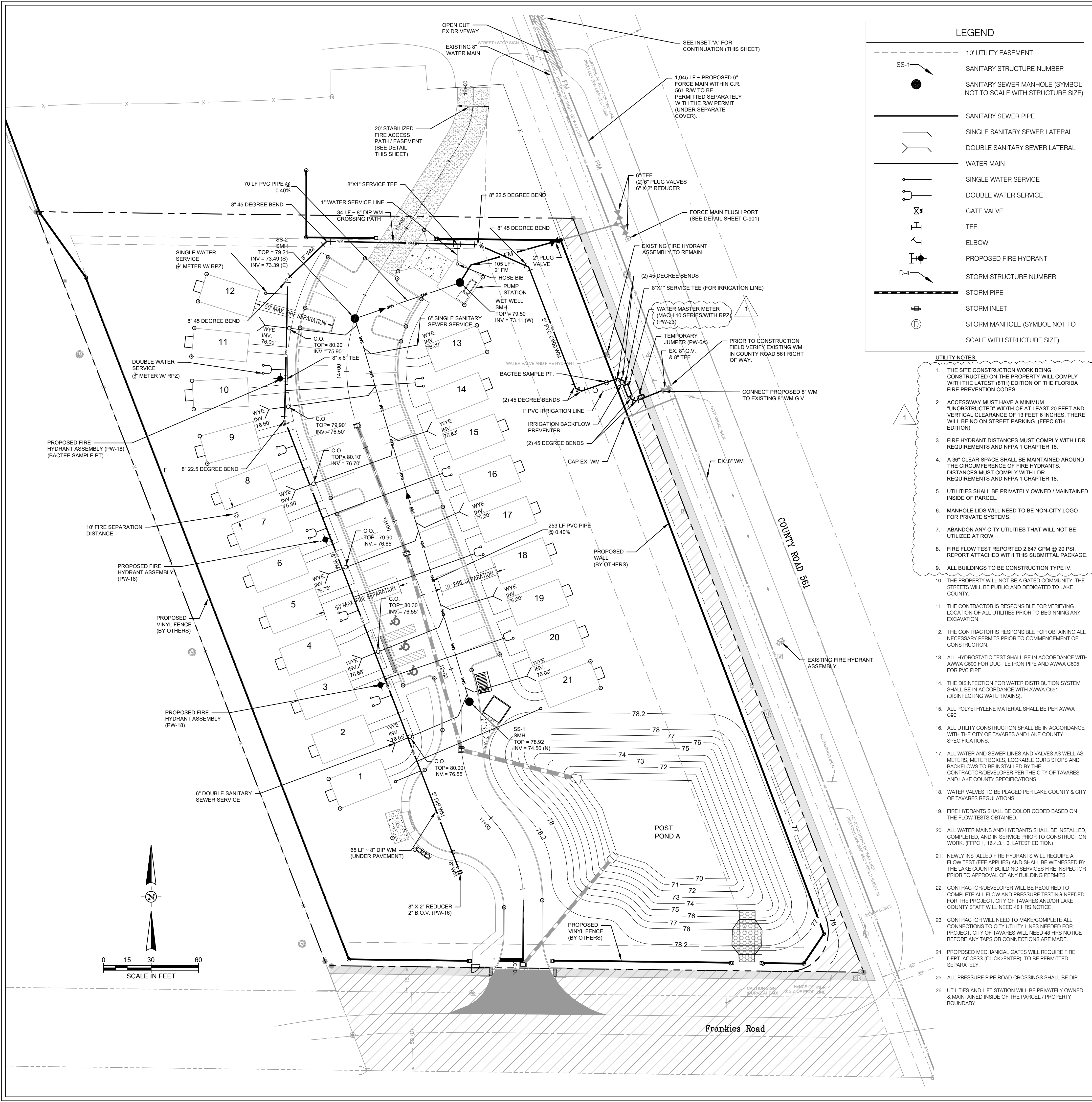
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CHARLES C. HOITT 54813 PE LICENSE NO.
DATE: 2/23/2026
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FLA CA 33380 & FL LC 26000045 FL FIRM/BUSINESS NO. STATE

PROJECT NO.: 043862.082
ISSUED: MAY 2025
DRAWN BY: KH
CHECKED BY: CH
SCALE: 1" = 30'
SHEET TITLE: GRADING & DRAINAGE PLAN

C-500

FILE NAME: A:\43000s\43862\02\DWG\CADD\Sheets\C-PLAN-SITE-43862-082.dwg DATE: March 3, 2026, TIME: 1:44 PM, USER: ah4855



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TAVARES, FL

LAKE COUNTY, FL
REAL FLORIDA • REAL CLOSE

half
3000 W. UNIVERSITY BLVD.
RICHMOND, TX 75281
TEL: (214) 346-6200

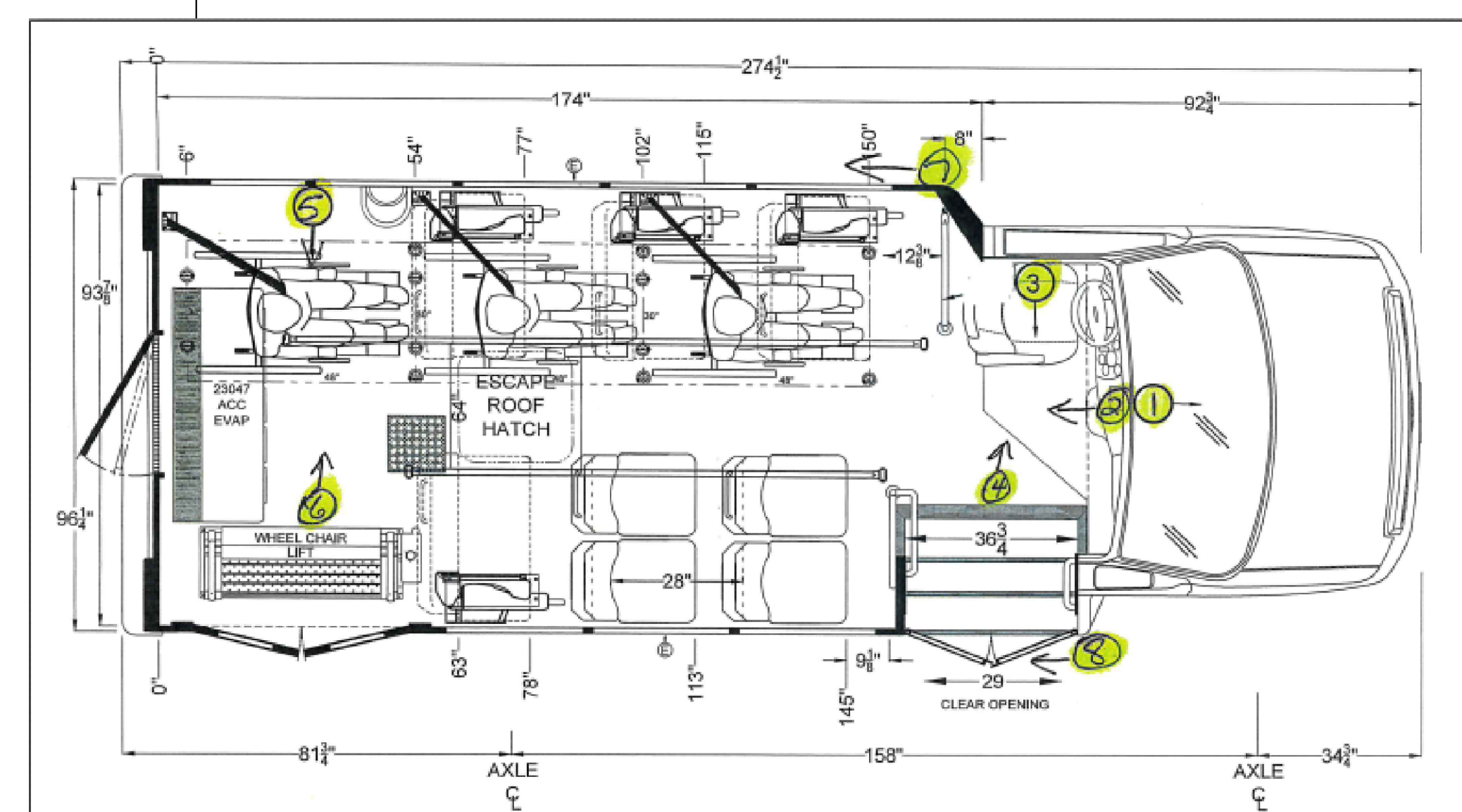
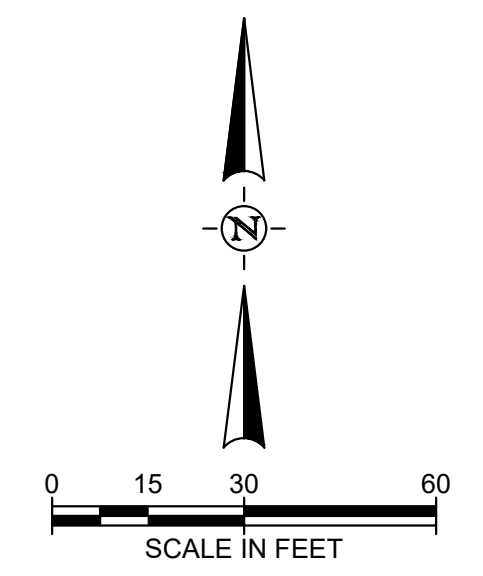
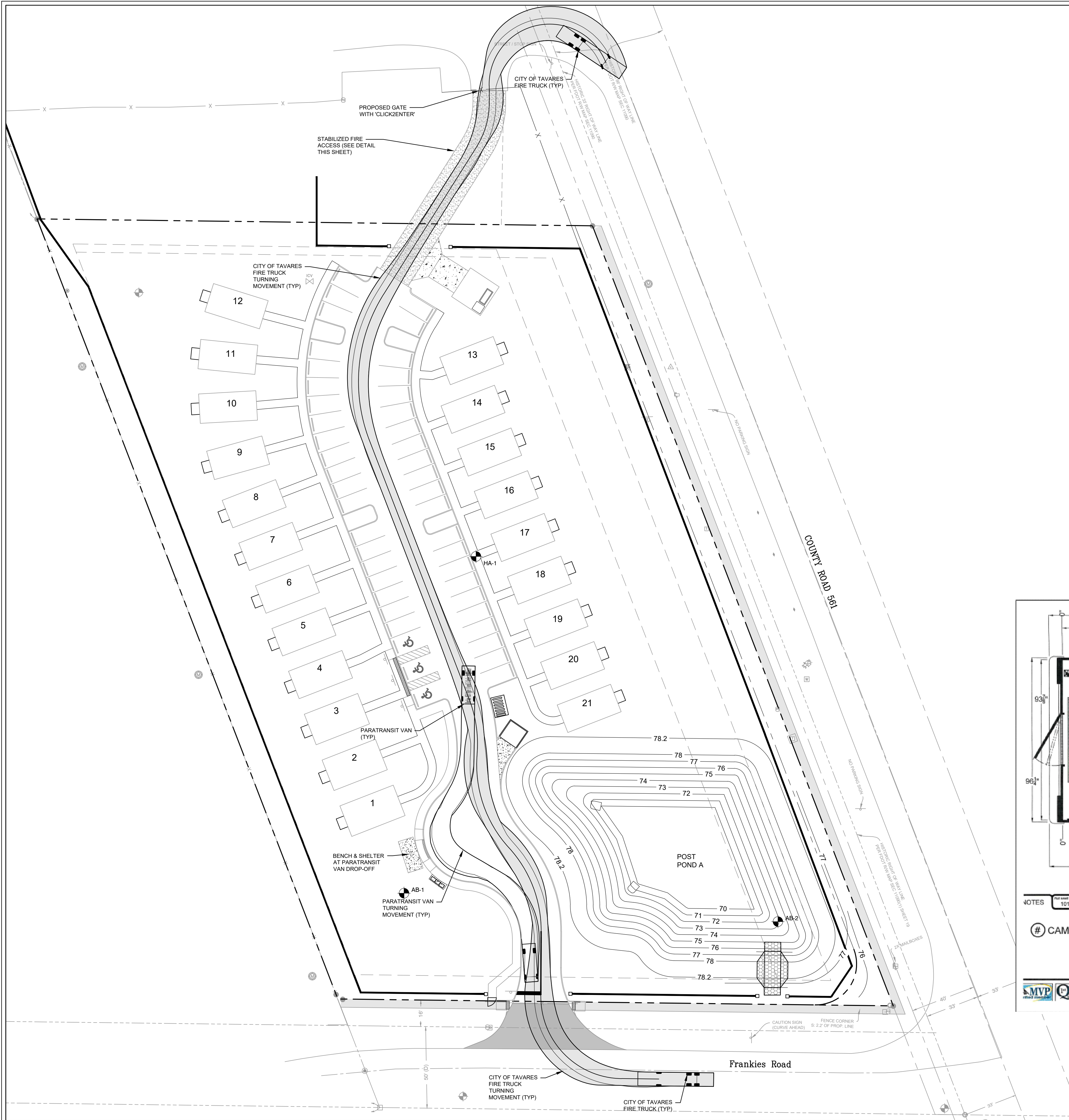
REVISION NO.	DATE	DESCRIPTION	CITY / COUNTY RAI #1
1	10-09-25		

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PROJECT NO.: 043862.082
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SCALE: 1" = 30'
SHEET TITLE: UTILITY & FIRE PLAN

C-600

FILE NAME: A:\430008\43862\082\DWG\CADD\Sheets\C-PLAN-SITE-43862-082.dwg DATE: February 23, 2026, TIME: 9:47 AM, USER: ah4855



NOTES

101214-C2_FD29_RLD_8 F-W SEATS_3 DBL FOLD-AWAY SEATS_3 WC LOCATIONS

12/20/25/2/2-3-4/5.5

12/15/2017

CAMERA LOCATION

DRIVER SIDE: 12/20/25/2/2-3-4/5.5

STANDARD VISTA HEIGHT DELITE TOP "T" SLIDERS

LAST WINDOW ON ROADSIDE TO BE SOLID

REV A- CHANGE SEATING ARRANGEMENT / SLS-2.22.18

TURTLETOP

"To furnish the customer the best mid-sized bus in the industry in both quality of material and workmanship."

FORD E450

PARATRANSIT VAN DETAIL

MULTI-FAMILY DETACHED HOUSING
TAVARES, FL

REVISION NO.	DATE	DESCRIPTION

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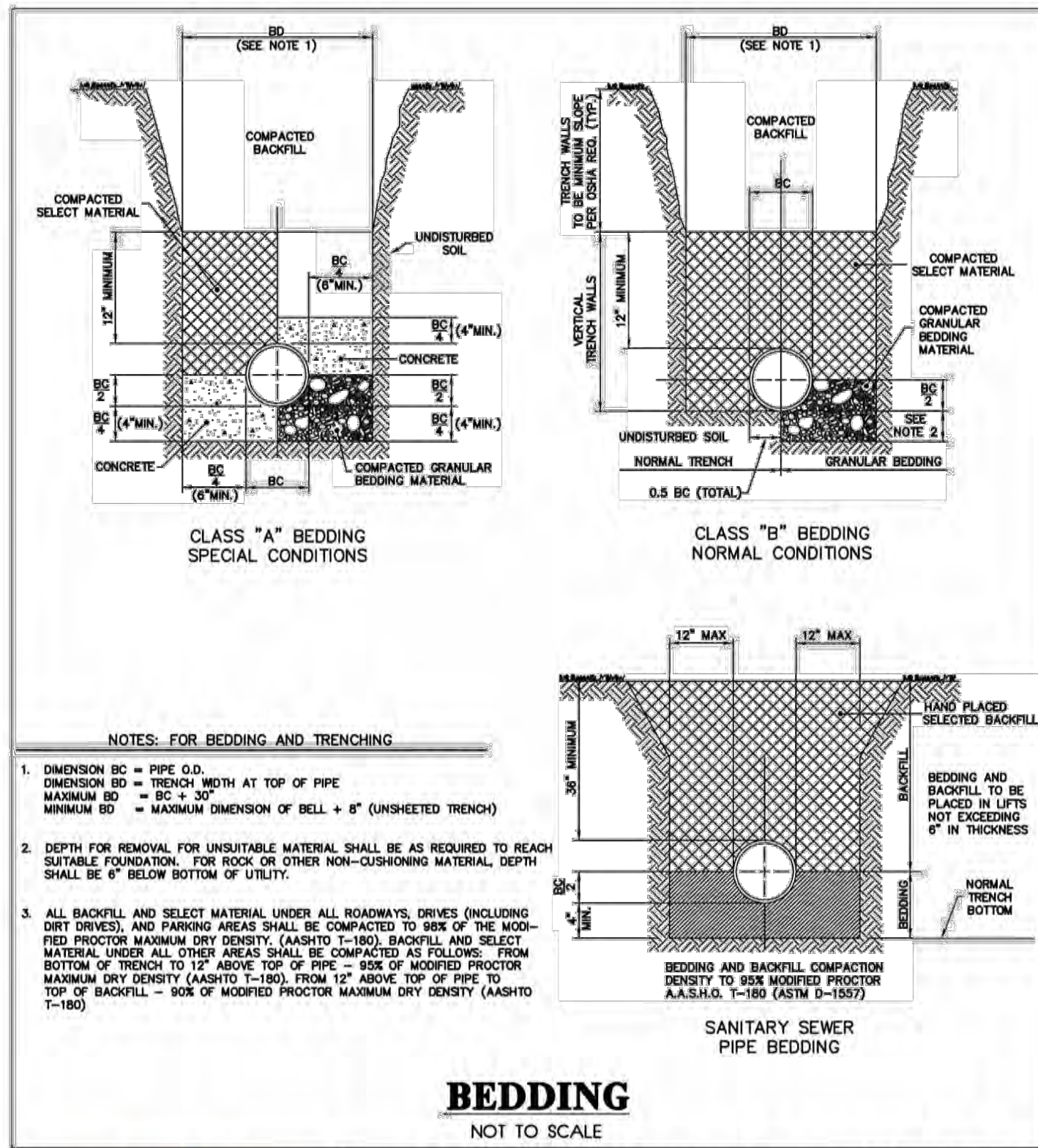
CHARLES C. HOITT 54813
NAME FE LICENSE NO.
2/23/2026
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PROJECT NO.: 043862.082
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CHECKED BY: CH
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SHEET TITLE:
FIRE TRUCK MOVEMENT PLAN

C-601

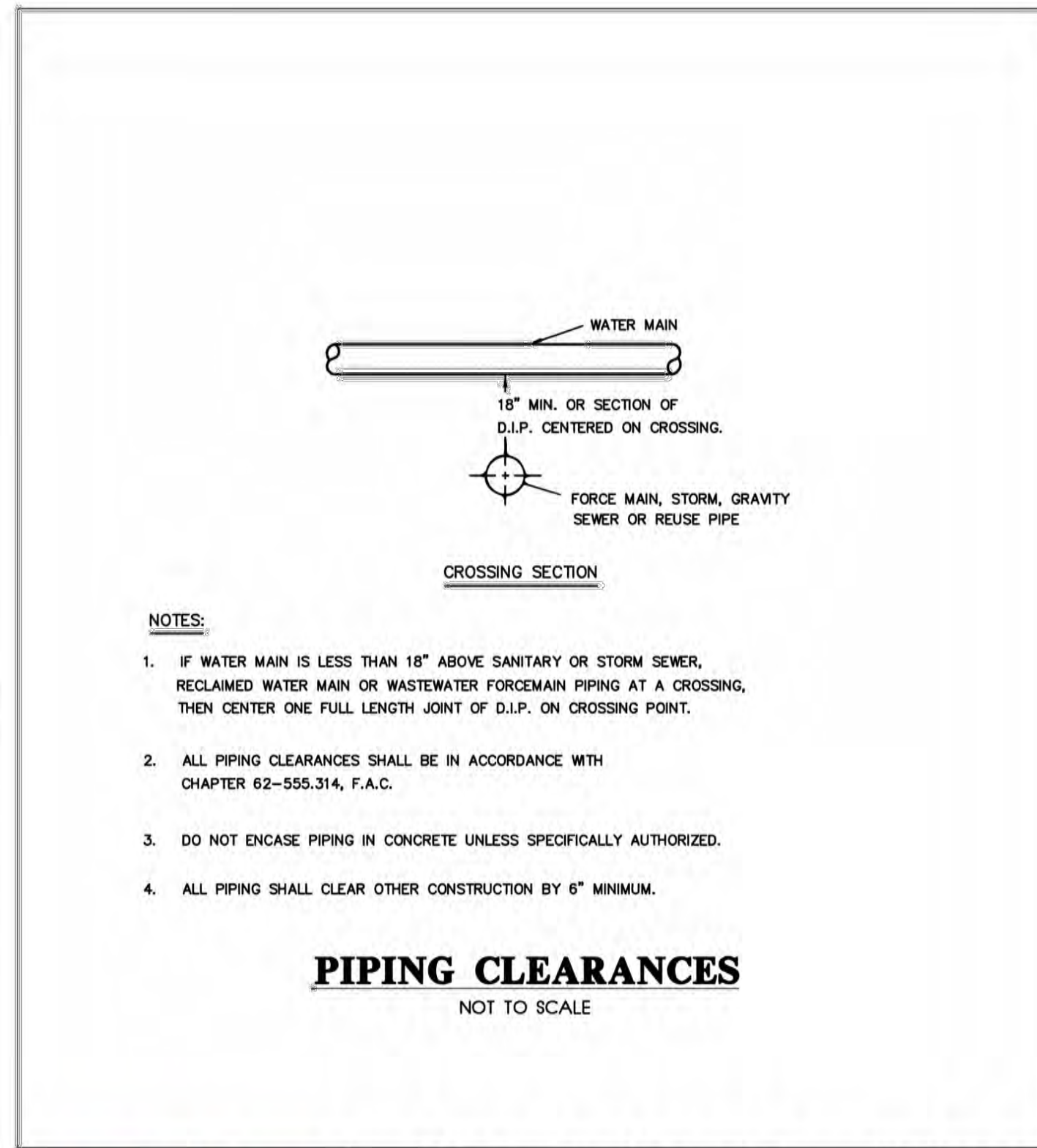


City of Tavares Standard Details

City of Tavares Utility Department
1000 Captain Haynes Road Tavares, FL 32778
Phone (352)742-6485 Fax (352)742-6110

DATE: APRIL 2018

DETAIL GR-3

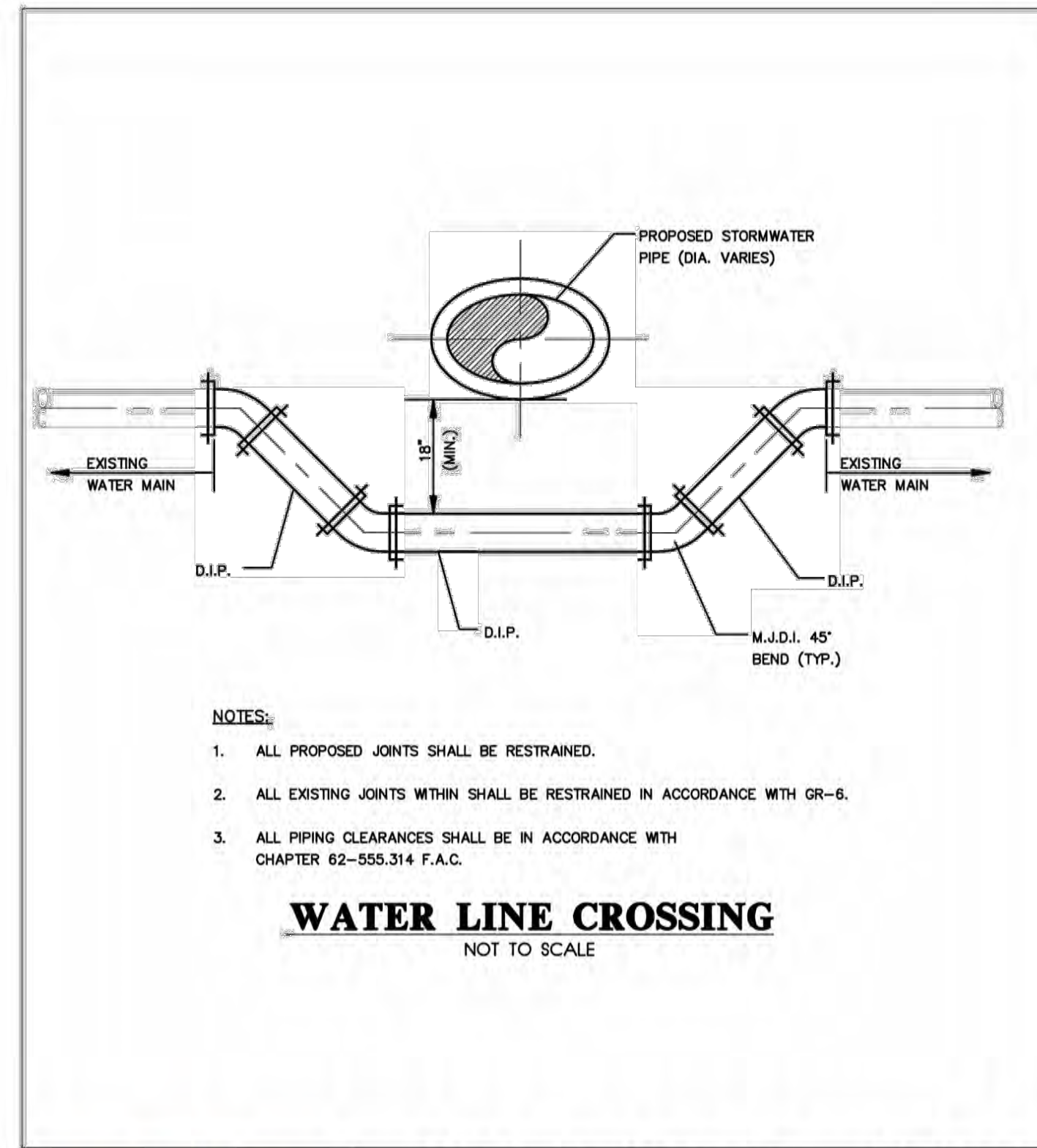


City of Tavares Standard Details

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DETAIL GR-4

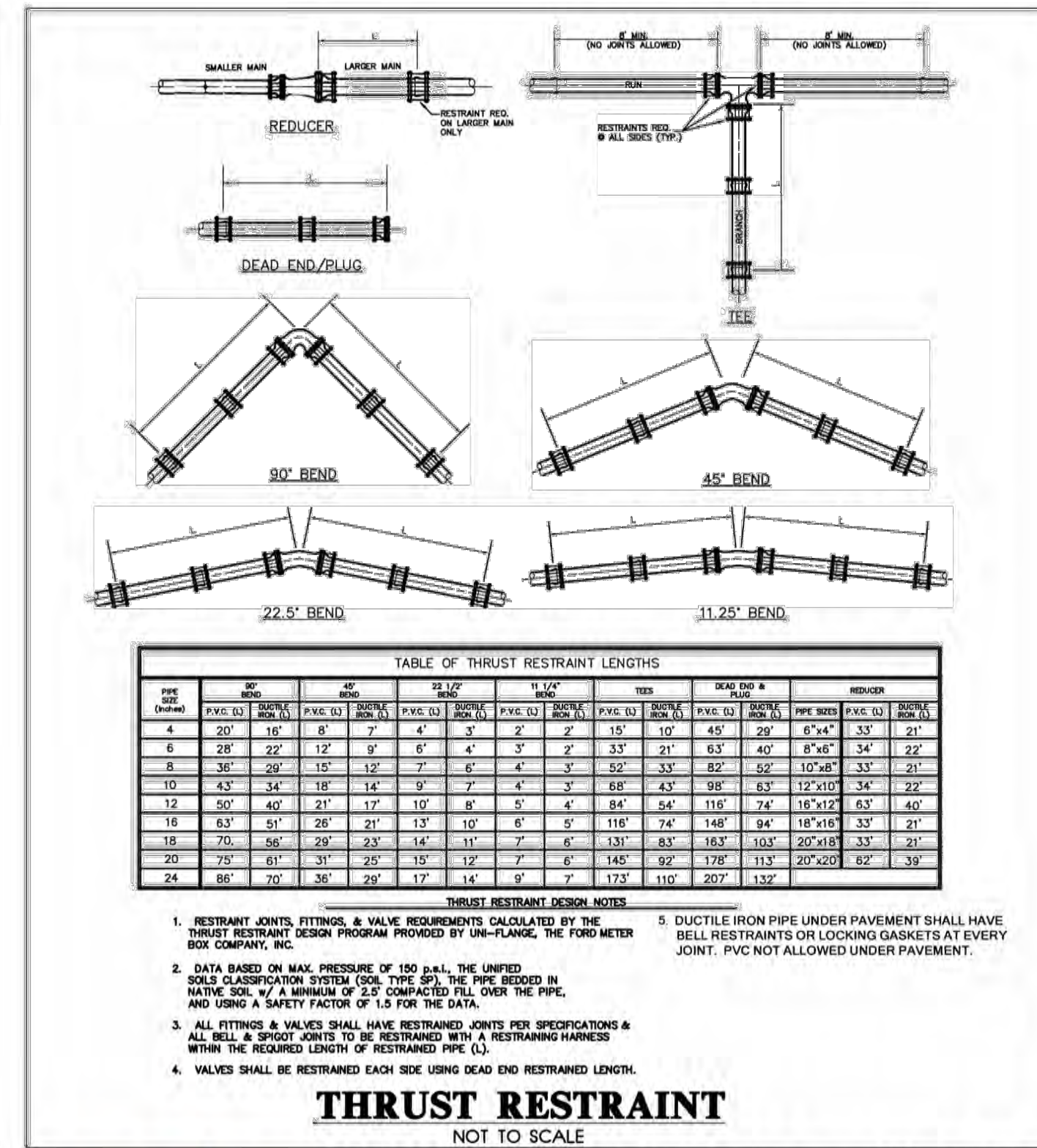


City of Tavares Standard Details

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DATE: APRIL 2018

DETAIL GR-5

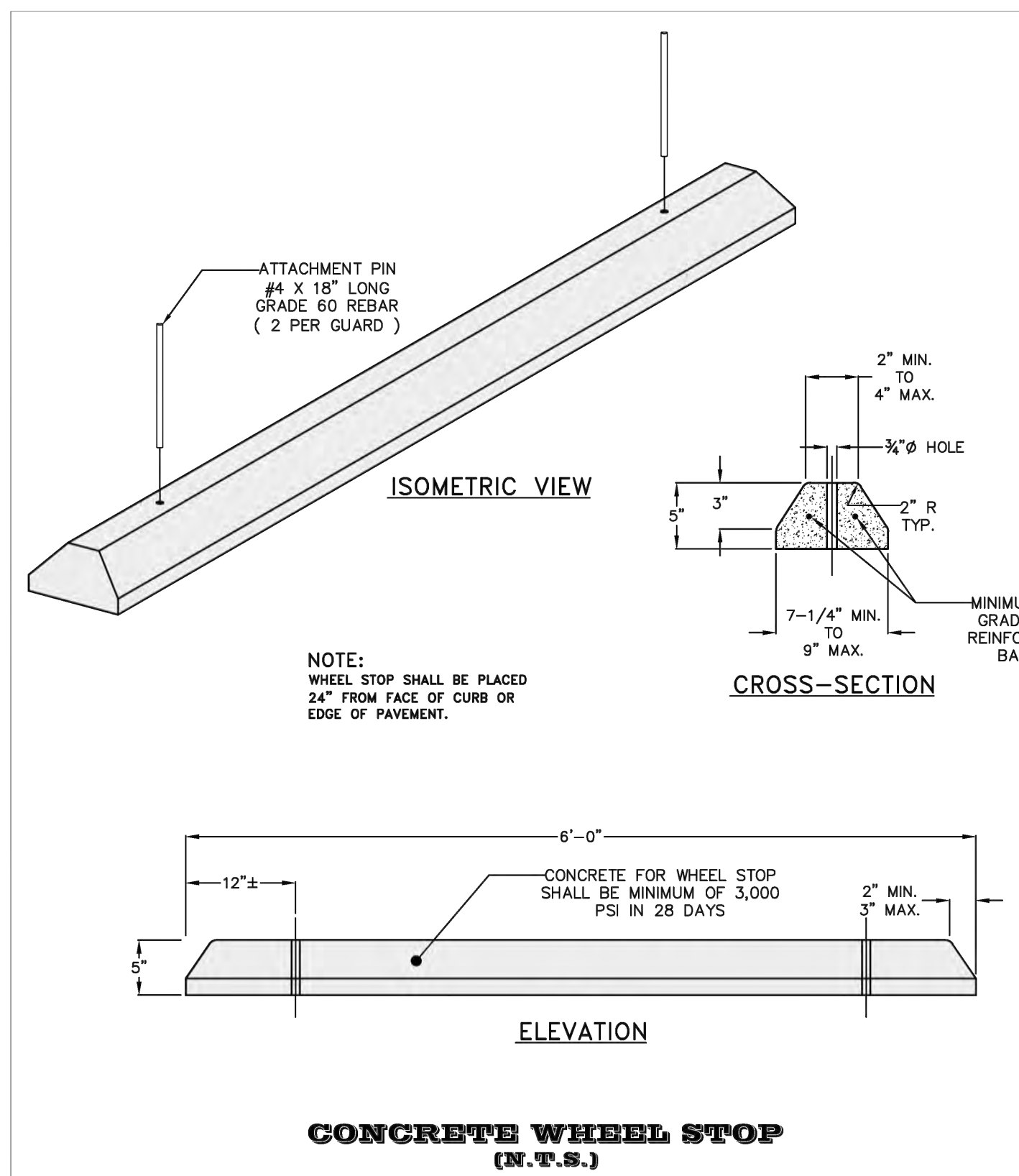


City of Tavares Standard Details

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Phone (352)742-6485 Fax (352)742-6110

DATE: NOV. 2021

DETAIL GR-6

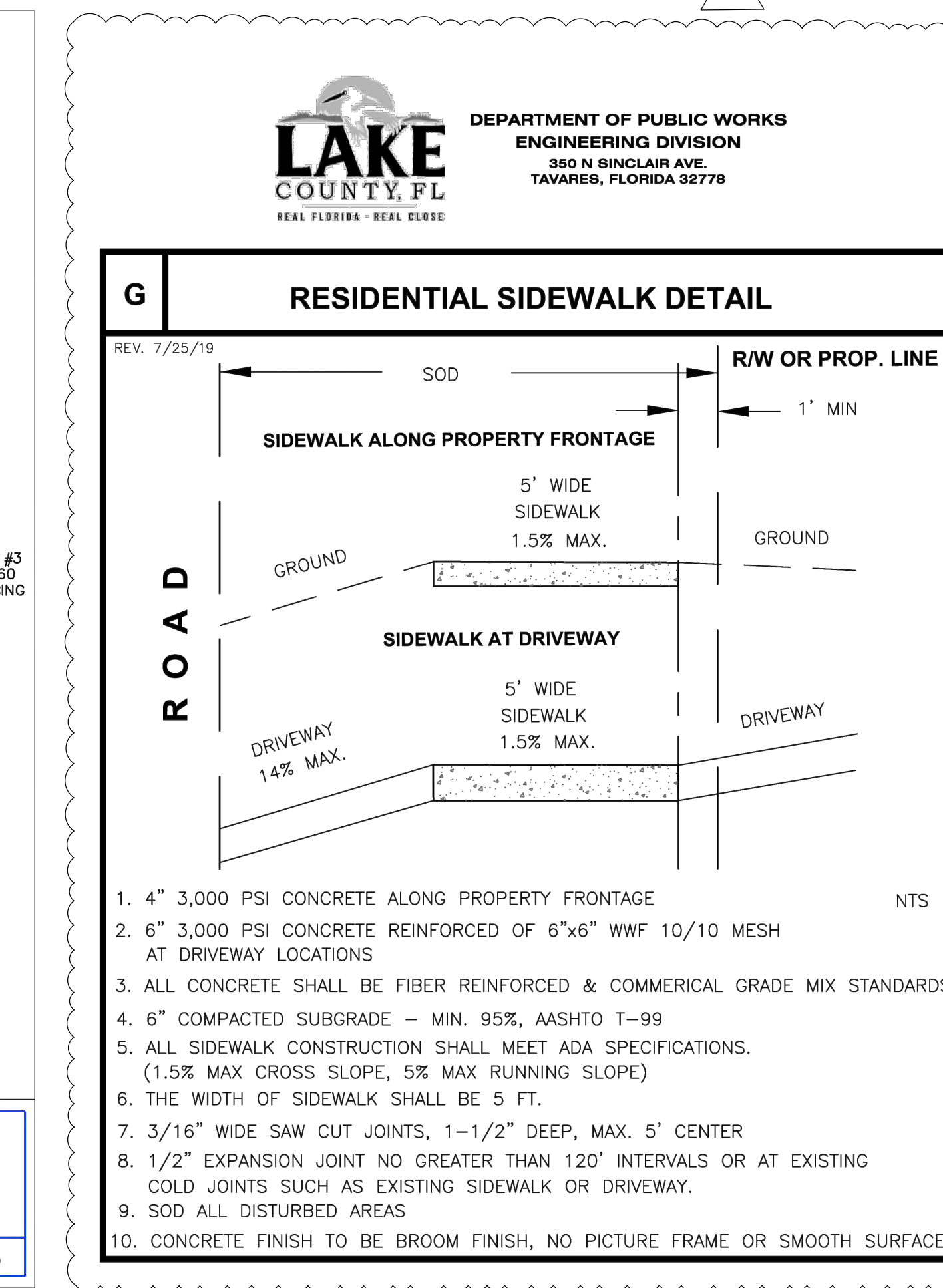


City of Tavares Standard Details

City of Tavares Public Works Department
100 North Diston Avenue, Tavares, FL 32778
Phone (352)742-6455 Fax (352)742-6397

DATE: JAN. 2020

R-13B

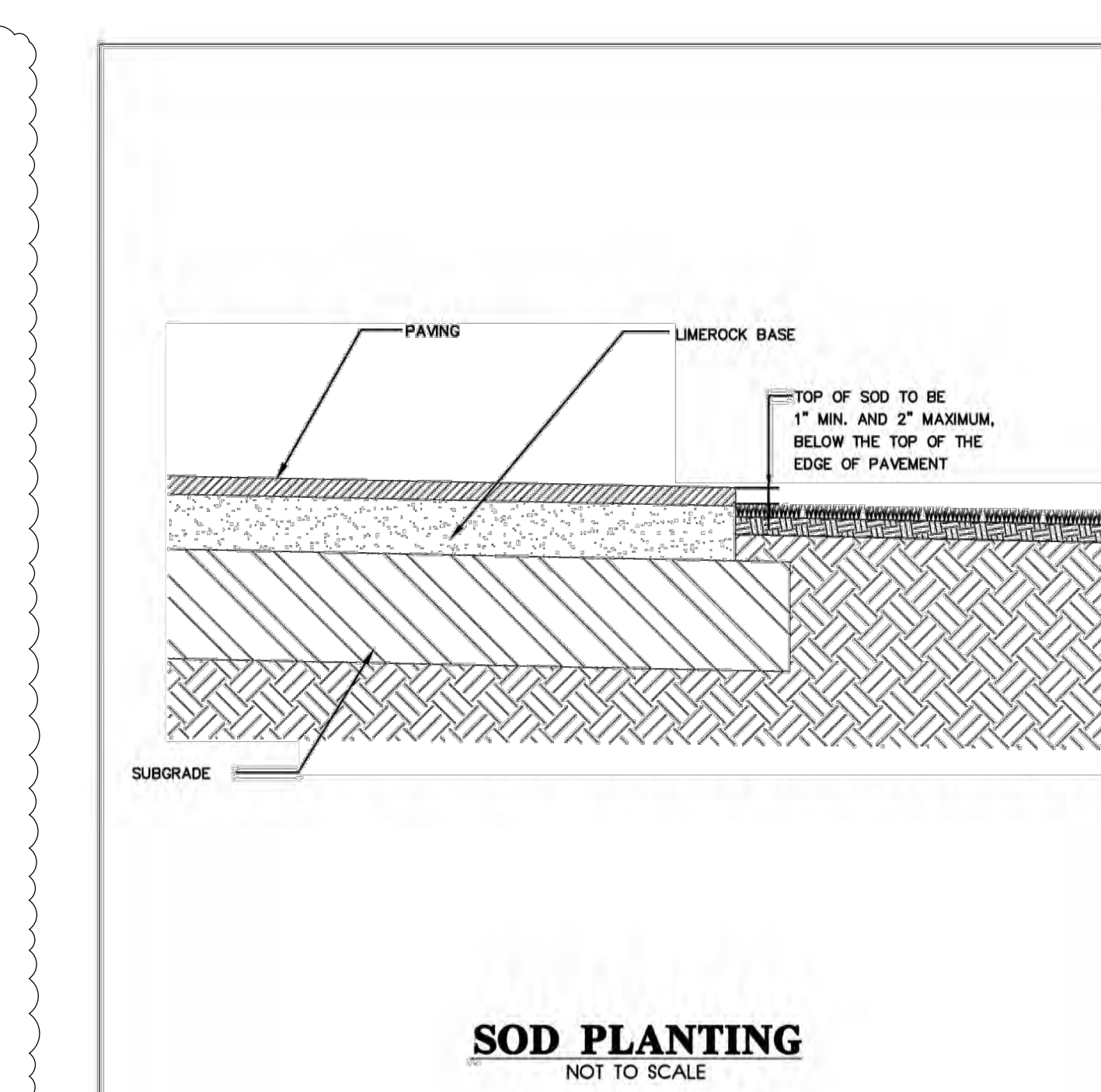


City of Tavares Standard Details

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1000 Captain Haynes Road Tavares, FL 32778
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DATE: APRIL 2018

DETAIL GR-11

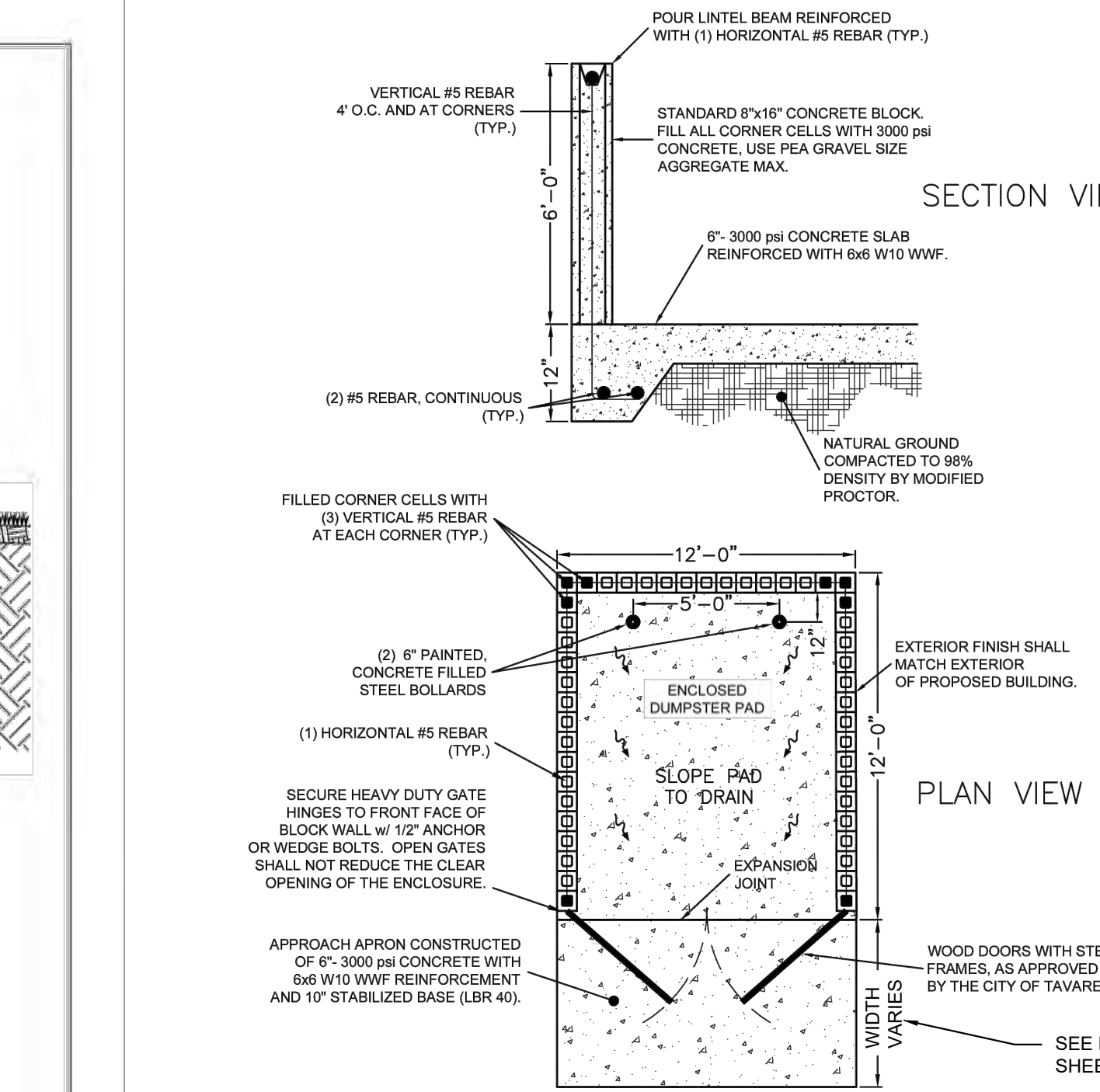


City of Tavares Standard Details

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DATE: APRIL 2018

DETAIL GR-11



City of Tavares Standard Details

City of Tavares Public Works Department
100 North Diston Avenue, Tavares, FL 32778
Phone (352)742-6455 Fax (352)742-6397

DATE: JAN. 2020

R-29

MULTI-FAMILY DETACHED HOUSING
TAVARES, FL

LAKE COUNTY, FL
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REAL ESTATE SERVICES
RICHARDSON, TX 75081
TEL: (214) 346-6200

REVISION NO.	DATE	DESCRIPTION
1	10-09-25	CITY / COUNTY RAI #1

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NAME PE LICENSE NO.
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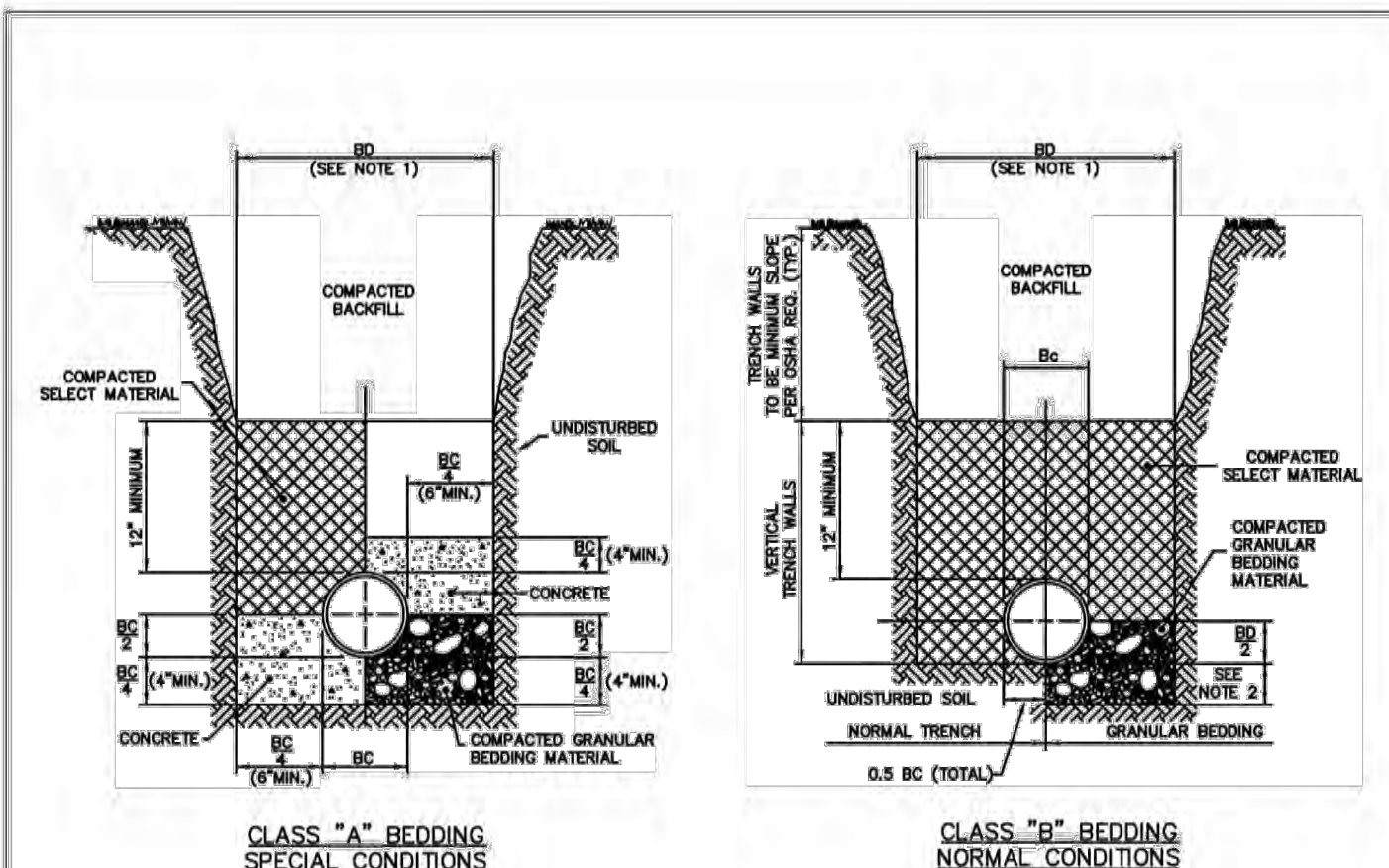
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PROJECT NO.: 043862.082
ISSUED: MAY 2025
DRAWN BY: KH
CHECKED BY: CH
SCALE:
SHEET TITLE:
GENERAL DETAILS

C-700

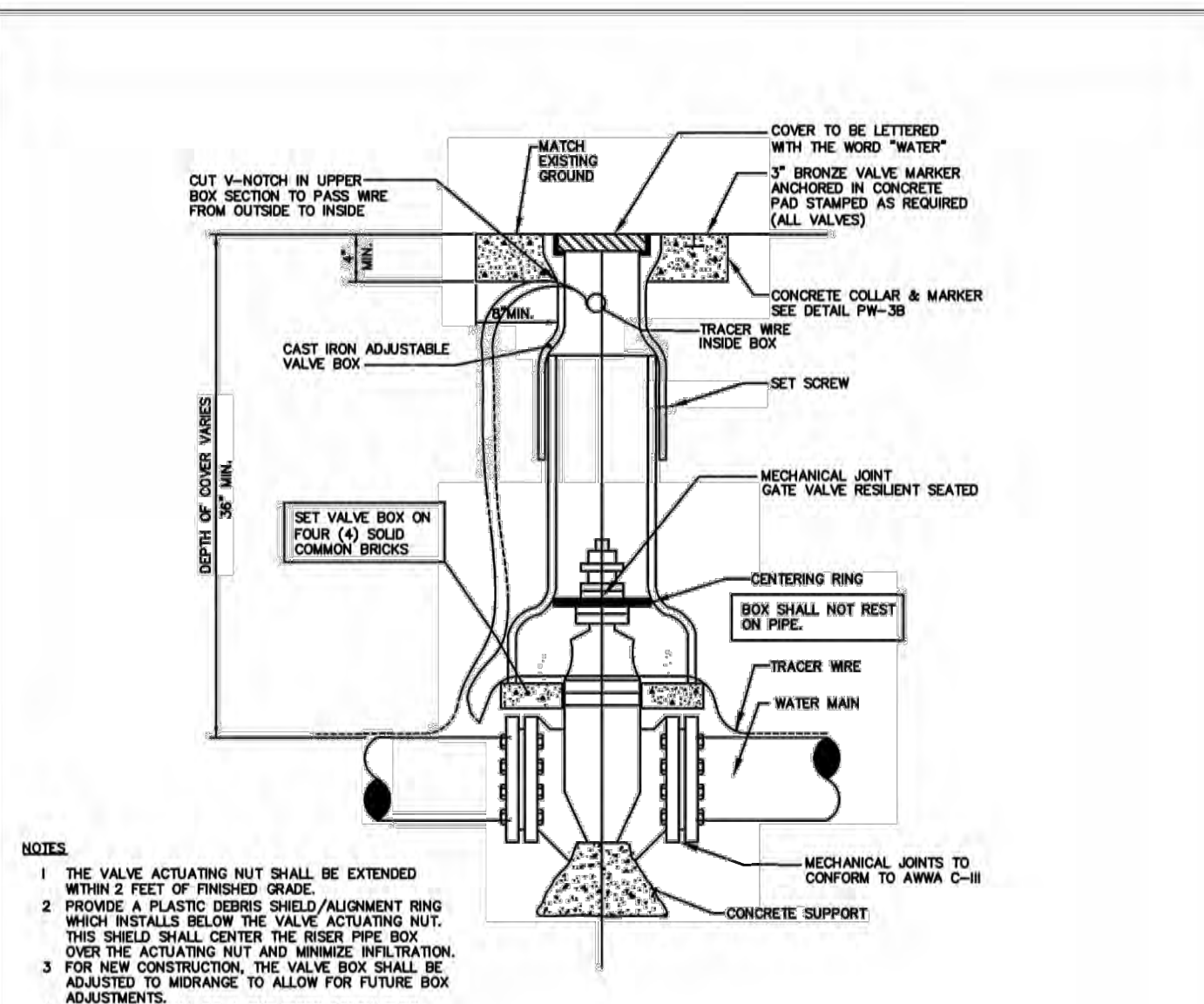
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TRENCHING AND BEDDING
NOT TO SCALE

- NOTES: FOR BEDDING AND TRENCHING**
1. DIMENSION BC = PIPE O.D. DIMENSION BD = TRENCH WIDTH AT TOP OF PIPE. MAXIMUM BD = BC + 30\"/>

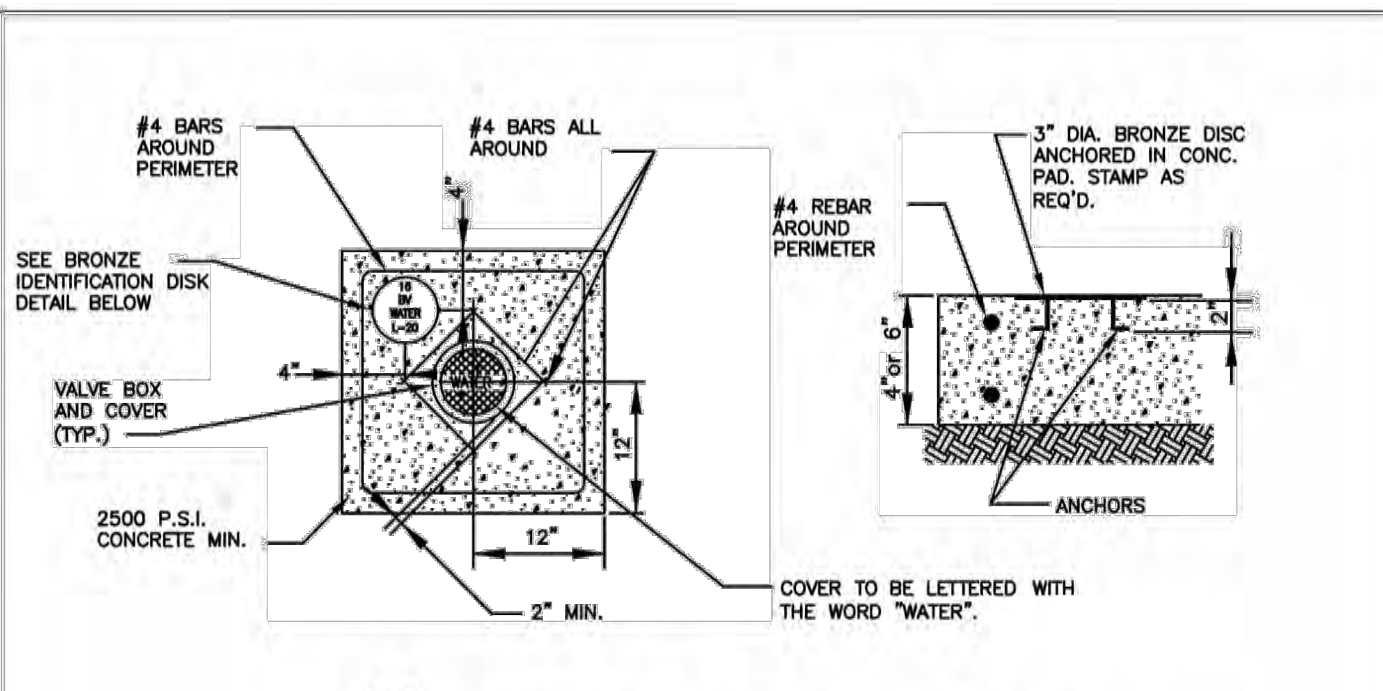
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DETAIL PW-2



GATE VALVE AND BOX
NOT TO SCALE

- NOTES**
1. THE VALVE ACTUATING NUT SHALL BE EXTENDED WITHIN 2 FEET OF FINISHED GRADE.
 2. PROVIDE A PLASTIC SERIES SHIELD/ALIGNMENT RING WHICH INSTALLS BELOW THE VALVE ACTUATING NUT. THIS SHIELD SHALL CENTER THE VALVE PIPE OVER THE ACTUATING NUT AND MINIMIZE INFILTRATION.
 3. FOR NEW CONSTRUCTION, THE VALVE BOX SHALL BE ADJUSTED TO MORANGE TO ALLOW FOR FUTURE BOX ADJUSTMENTS.
 4. VALVE BOX SHALL BE A TWO PIECE SCREW TYPE.
 5. VALVE BOX SHALL NOT BE LOCATED IN CURB.

City of Tavares Standard Details
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DETAIL PW-3A

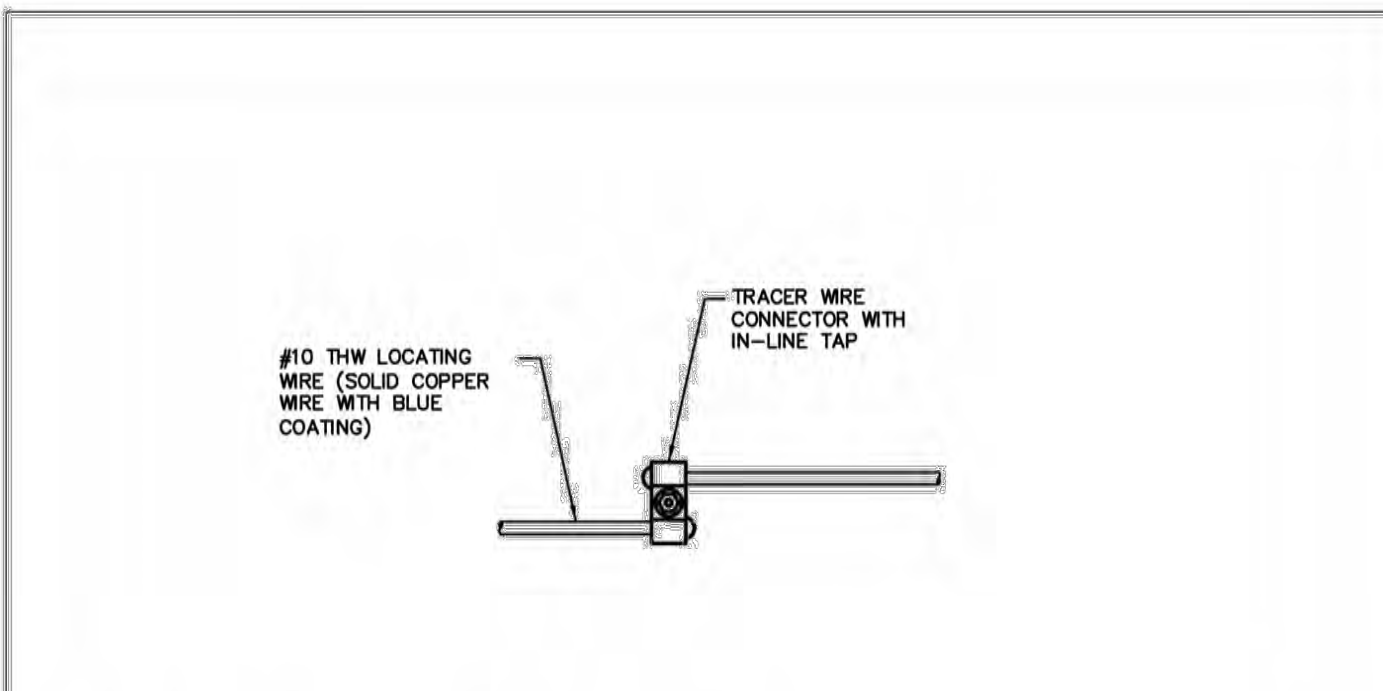


- NOTE:**
1. BRONZE IDENTIFICATION DISK SHALL BE REQUIRED FOR ALL VALVES.
 2. 6\"/>



BRONZE IDENTIFICATION DISK DETAIL
VALVE COLLAR
NOT TO SCALE

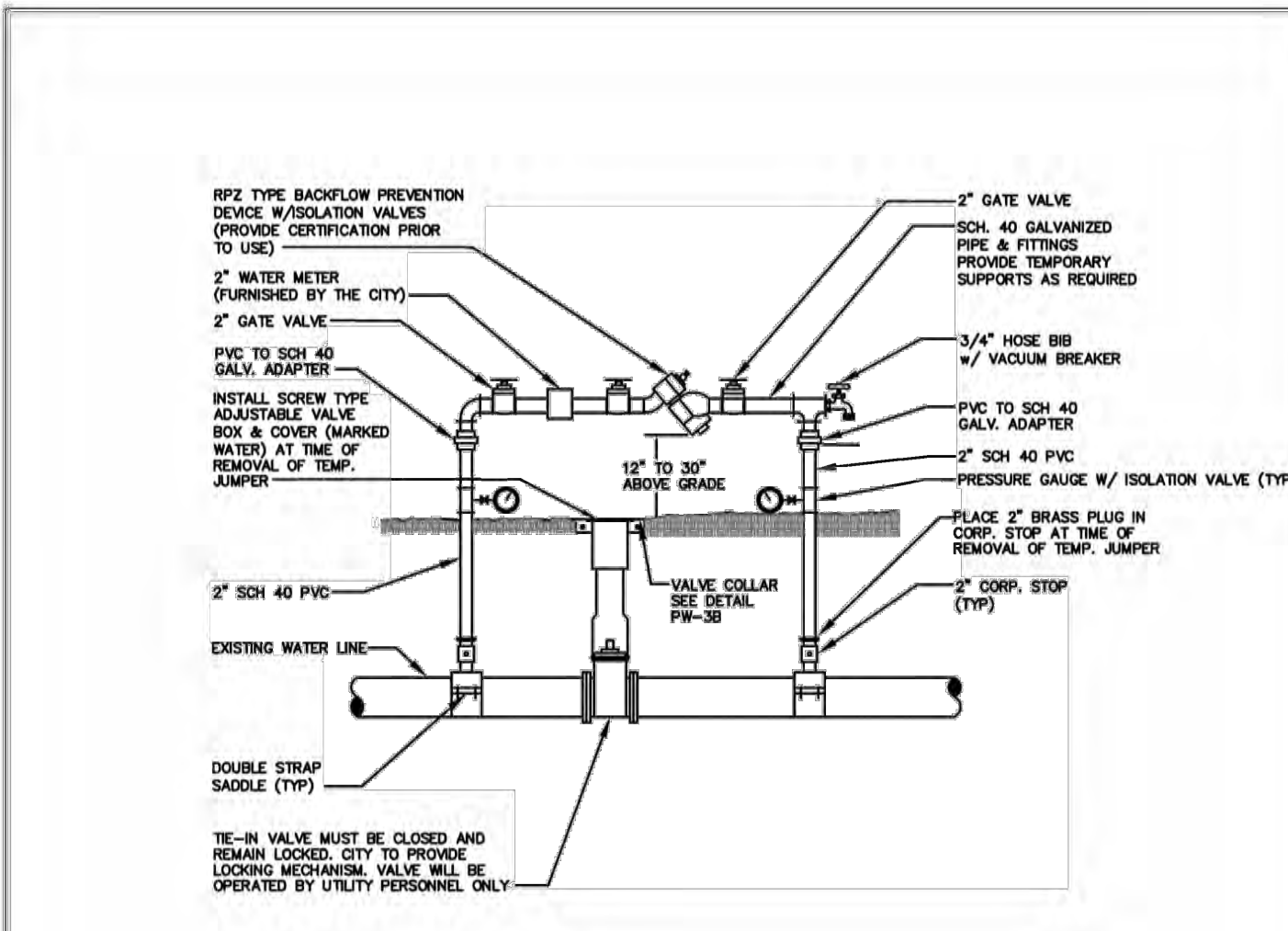
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DATE: APRIL 2018
DETAIL PW-3B



- NOTES:**
1. TRACER WIRE CONNECTOR SHALL BE DIRECT BURY, SELF-STRIPPING, LOCKING.
 2. AFTER INSTALLATION OF THE LOCATING WIRE THE SYSTEM SHALL BE SUBJECTED TO TESTING, IN THE PRESENCE OF CITY UTILITY DIRECTOR OR HIS DESIGNEE PRIOR TO BACKFILL, IN ORDER TO CONFIRM THAT THE SYSTEM IS FUNCTIONAL.

LOCATING WIRE SPLICING
NOT TO SCALE

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City of Tavares Utility Department
1000 Captain Hayes Road Tavares, FL 32778
Phone (352)742-6485 Fax (352)742-6110
DATE: APRIL 2018
DETAIL PW-5



TEMPORARY JUMPER CONNECTION
NOT TO SCALE

NOTE: LOCATION TO BE DETERMINED AT TIME OF PRECONSTRUCTION CONFERENCE W/ CITY.

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DETAIL PW-6A

- 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. THE DETAILS TO BE USED FOR FLUSHING ANY WATER MAIN OF ANY SIZE FROM EXISTING ACTIVE WATER MAINS AND FOR FLUSHING OF NEW MAINS UP TO 24\"/>
- THE FOLLOWING PROCEDURES SHALL BE FOLLOWED:
- A. THE TIE-IN VALVES SHALL BE OPERATED AND PRESSURE TESTED IN THE PRESENCE OF THE UTILITY COMPANY AND ENGINEER TO VERIFY WATER TIGHTNESS PRIOR TO THE TIE-IN. VALVES WHICH ARE NOT WATER TIGHT SHALL BE REPLACED OR 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 BACTERIOLOGICAL SAMPLING OF THE NEW MAIN AS REQUIRED BY THE FDEP PERMIT.
 - FLUSHING SHALL NOT BE ATTEMPTED DURING PEAK DEMAND HOURS OF THE EXISTING WATER MAIN.
 - ALL DOWNSTREAM VALVES IN THE NEW SYSTEM MUST BE OPEN PRIOR TO OPENING THE TIE-IN VALVE.
 - PROVIDE FOR AND MONITOR THE PRESSURE AT THE TIE-IN POINT, THE PRESSURE IN THE EXISTING MAIN MUST NOT DROP BELOW 35 psi.
 - TIE-IN VALVE SHALL BE OPENED A FEW TURNS ONLY, ENSURING A PRESSURE DROP ACROSS THE VALE IS ALWAYS GRATER THAN 10 psi.
 - C. THE TIE-IN VALVE SHALL BE LOCKED CLOSED BY THE CITY UNTIL FLUSHING BEGINS.
 - D. THE TIE-IN VALVE SHALL BE OPENED ONLY A FEW TURNS 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.
4. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION DEMONSTRATING THAT THE RPZ BACKFLOW PREVENTION DEVICE HAS BEEN TESTED WITHIN ONE YEAR AT THE TIME OF INSTALLATION AND IS IN GOOD WORKING ORDER AT THE TIME OF INSTALLATION. THE TEST SHALL BE PERFORMED BY A QUALIFIED BACKFLOW PREVENTION TECHNICIAN.
 5. EXCEPT AS REQUIRED TO FLUSH LINES OF GREATER THAN 8\"/>

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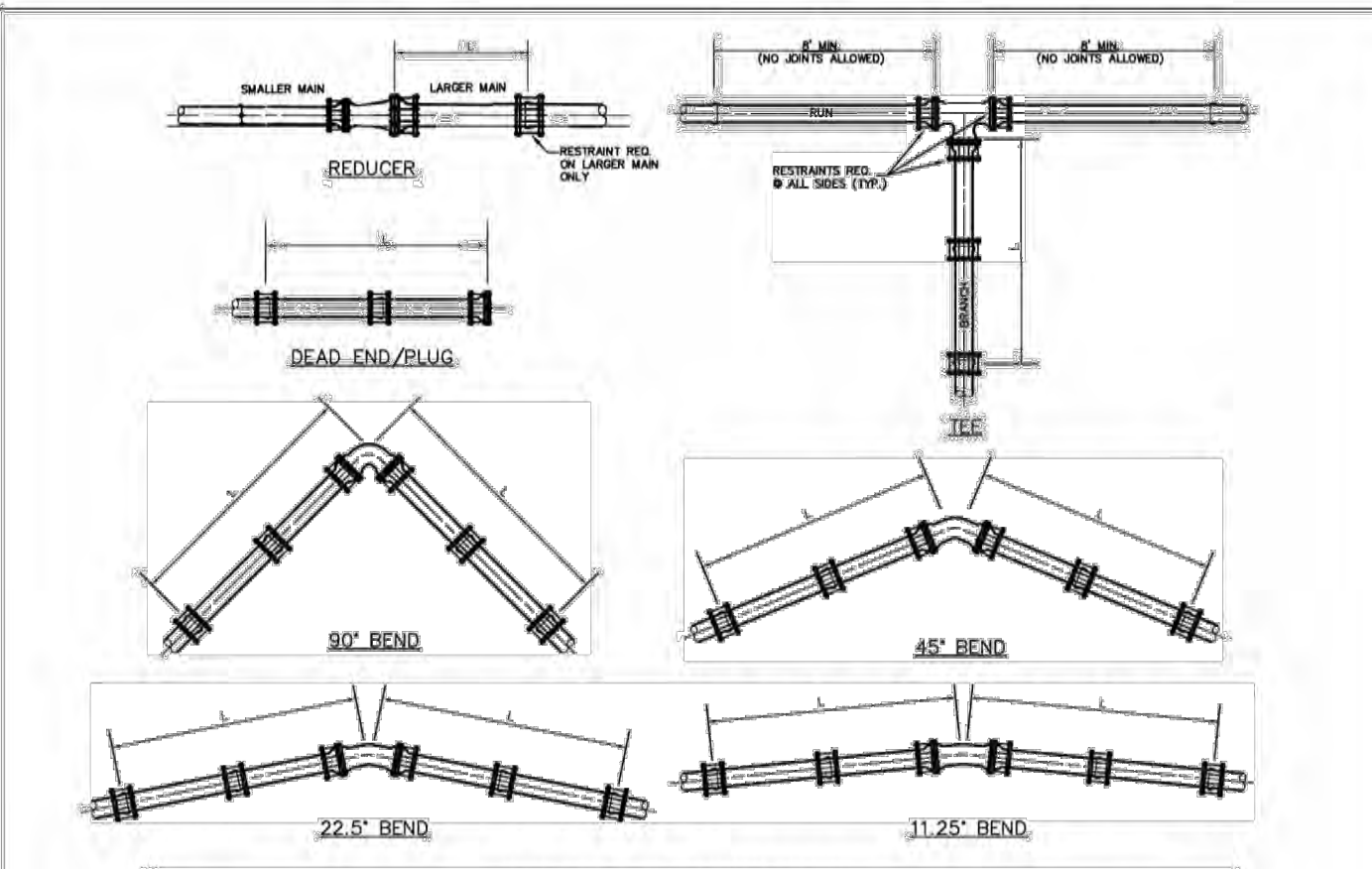


TABLE OF THRUST RESTRAINT LENGTHS

PIPE SIZE (INCH)	1/2\"/>	
	PIPE S1	PIPE S2
4	20"	15"
6	25"	22"
8	35"	28"
10	45"	34"
12	55"	40"
16	85"	60"
18	105"	75"
20	125"	90"
24	165"	120"

- THRUST RESTRAINT DESIGN NOTES**
1. RESTRAINT JOINTS, FITTINGS, & VALVE REQUIREMENTS CALCULATED BY THE THRUST RESTRAINT DESIGN PROGRAM PROVIDED BY EBBA IRON SALES, INC.
 2. DATA BASED ON MAX. PRESSURE OF 150 p.s.i., THE UNIFIED SOILS CLASSIFICATION SYSTEM (SOIL TYPE SP), THE PIPE BEDDED IN NATIVE SOIL W/ A MINIMUM OF 2\"/>

THRUST RESTRAINT
NOT TO SCALE

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PROJECT NO.: 043862.082
ISSUED: MAY 2025
DRAWN BY: KH
CHECKED BY: CH
SCALE:
SHEET TITLE:
POTABLE WATER DETAILS (01)

- GENERAL WATER NOTES**
1. WATER SYSTEM COMPONENTS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND REGULATIONS, CLEANED, DISINFECTED AND BACTERIOLOGICALLY CLEARED FOR SERVICE IN ACCORDANCE WITH THE LATEST AWWA STANDARDS AND CHAPTER 62-555 FLORIDA ADMINISTRATIVE CODE.
 2. ALL PIPING SHALL BEAR THE "NSF" SEAL FOR POTABLE WATER.
 3. WATER MAINS SHALL BE PVC CONFORMING TO AWWA C900, OR 18 FOR PIPE SIZES 4"-12". PIPES 14" OR LARGER SHALL BE AWWA C905, OR 18. ALL COUPLINGS, CLEANING COMPOUNDS, SOLVENTS, LUBRICANTS, AND PIPE PREPARATION, FOR LAYING, SHALL BE IN ACCORDANCE WITH THE PIPE MANUFACTURER'S LATEST RECOMMENDATIONS.
 4. DEPTH OF WATER LINES TO BE 30" MINIMUM COVER FROM FINISH GRADE.
 5. WATER MAINS TO BE LOCATED 5' FROM BACK OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
 6. ALL WATER MAINS UNDER PAVEMENT SHALL BE DUCTILE IRON, WITH THRUST RESTRAINTS OR LOCKING GASKETS AT EVERY JOINT.
 7. ALL CASINGS UNDER PAVEMENT SHALL EXTEND 5' BEYOND THE BACK OF CURB.
 8. DISINFECTING, FOLLOWING THE PRESSURE TESTING, THE CONTRACTOR SHALL DISINFECT ALL SECTIONS OF THE NEW WATER DISTRIBUTION SYSTEM. DISINFECTANT SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF AWWA STANDARD C651 "DISINFECTING WATER MAINS", AND ALL APPROPRIATE AGENCY APPROVAL.
 9. ALL HYDROSTATIC TESTS SHALL BE IN ACCORDANCE WITH AWWA C600 FOR DUCTILE IRON PIPE AND C605/M23 FOR PVC PIPE.
 10. ALL WATER MAINS SHALL BE INSTALLED, PRESSURE AND LEAK TESTED IN ACCORDANCE WITH AWWA C900, (62-555.302(1)(B)) AND 62-555.330, F.A.C. ALL INSTALLATION, TESTING AND FIELD PROCEDURES MUST BE PROVIDED AND MUST CONFORM TO THE APPLICABLE AWWA STANDARDS.
 11. ALL PIPING MATERIALS AND SPECIFICATIONS COVERING PIPES, JOINTS AND PACKING MATERIALS, INTERNAL COATING AND LININGS, FITTINGS, SPECIALS AND APPURTENANCES SHALL ALL BE IN ACCORDANCE WITH THE CORRESPONDING AWWA STANDARDS AND BE CONFORMING TO NSF REQUIREMENTS, AS MAY BE APPLICABLE, WITH EXCEPTIONS ALLOWED ONLY IF DOCUMENTATION AND ASSURANCES ARE PROVIDED IN COMPLIANCE WITH PARAGRAPHS 62-555.302(1)(C), 62-555.320 (3) (B), AND 62-555.320 (21) (C), F.A.C. THE LEAD USE PROHIBITION IN RULE 62-555.322, F.A.C. SHALL ALSO APPLY. POLYETHYLENE TUBING SHALL BE PER AWWA C901. UNDERGROUND SERVICE LINES AND VALVES SHALL BE PER AWWA C900.

COLOR CODING
 ALL PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT WILL BE COLOR CODED OR MARKED IN ACCORDANCE WITH SUBPARAGRAPH 62-555.320(21)(B)(3), F.A.C. USING BLUE AS A PREDOMINANT COLOR. (UNDERGROUND PLASTIC PIPE WILL BE SOLID-WALL BLUE PIPE, WILL HAVE CO-EXTRUDED BLUE EXTERNAL SKIN, OR WILL BE WHITE OR BLACK PIPE WITH BLUE STRIPES INCORPORATED INTO, OR APPLIED TO, THE PIPE WALL; AND UNDERGROUND METAL OR CONCRETE PIPE WILL HAVE BLUE STRIPES APPLIED TO THE PIPE WALL. PIPE STRIPED DURING MANUFACTURING OF THE PIPE WILL HAVE CONTINUOUS STRIPES THAT RUN PARALLEL TO THE AXIS OF THE PIPE, THAT ARE LOCATED AT NO GREATER THAN 90-DEGREE INTERVALS AROUND THE PIPE, AND THAT WILL REMAIN INTACT DURING AND AFTER INSTALLATION OF THE PIPE. IF TAPE OR PAINT IS USED TO STRIPE PIPE DURING INSTALLATION OF THE PIPE, THE TAPE OR PAINT WILL BE APPLIED IN A CONTINUOUS LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND THAT IS LOCATED ALONG THE TOP OF THE PIPE. FOR PIPE WITH AN INTERNAL DIAMETER OF 24 INCHES OR GREATER, TAPE OR PAINT WILL BE APPLIED IN CONTINUOUS LINES ALONG EACH SIDE OF THE PIPE AS WELL AS ALONG THE TOP OF THE PIPE. ABOVEGROUND PIPE WILL BE PAINTED BLUE OR WILL BE COLOR CODED OR MARKED LIKE UNDERGROUND PIPE.) (FAC 62-555.320(21)(B)(3))

UNLESS DESCRIBED IN THE CITY CSM ELSEWHERE, ALL WATER MAINS SHALL BE INSTALLED IN ACCORDANCE WITH CHAPTER 62-555.314, F.A.C., AND ANY UPDATES TO THE F.A.C., AND IN CONFORMANCE WITH ALL SEPARATION REQUIREMENTS AS FOUND THEREIN.

62-555.314 LOCATION OF PUBLIC WATER SYSTEM MAINS.
 FOR THE PURPOSE OF THIS SECTION, THE PHRASE "WATER MAINS" SHALL MEAN MAINS, INCLUDING TREATMENT PLANT PROCESS PIPING, CONVEYING EITHER RAW, PARTIALLY TREATED, OR FINISHED DRINKING WATER, FIRE HYDRANT LEADS, AND SERVICE LINES THAT ARE UNDER THE CONTROL OF A PUBLIC WATER SYSTEM AND THAT HAVE AN INSIDE DIAMETER OF THREE INCHES OR GREATER.

- (1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.
 (A) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
 (B) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.
 (C) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

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- GENERAL WATER NOTES**
- (D) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM AS DEFINED IN SECTION 361.006(2), F.S., AND RULE 64E-6.002, F.A.C.
 - (2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS AND RECLAIMED WATER PIPELINES.
 (A) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
 - (3) SEPARATION BETWEEN WATER MAINS AND SANITARY OR STORM SEWER MANHOLES.
 (A) NO WATER MAIN SHALL PASS THROUGH, OR COME INTO CONTACT WITH, ANY PART OF A SANITARY SEWER MANHOLE.
 (B) EFFECTIVE AUGUST 28, 2003, WATER MAINS SHALL NOT BE CONSTRUCTED OR ALTERED TO PASS THROUGH, OR COME INTO CONTACT WITH, ANY PART OF A STORM SEWER MANHOLE OR INLET STRUCTURE, WHERE IT IS NOT TECHNICALLY FEASIBLE OR ECONOMICALLY SENSIBLE TO COMPLY WITH THIS REQUIREMENT (I.E., WHERE THERE IS A CONFLICT IN THE ROUTING OF A WATER MAIN AND A STORM SEWER AND WHERE ALTERNATIVE ROUTING OF THE WATER MAIN OR THE STORM SEWER IS NOT TECHNICALLY FEASIBLE OR IS NOT ECONOMICALLY SENSIBLE), THE DEPARTMENT SHALL ALLOW EXCEPTIONS TO THIS REQUIREMENT (I.E., THE DEPARTMENT SHALL ALLOW CONSTRUCTION OF CONFLICT MANHOLES), BUT SUPPLIERS OF WATER OR PERSONS PROPOSING TO CONSTRUCT CONFLICT MANHOLES MUST FIRST OBTAIN A SPECIFIC PERMIT FROM THE DEPARTMENT AND MUST PROVIDE IN THE PRELIMINARY DESIGN REPORT OR DRAWINGS, SPECIFICATIONS, AND DESIGN DATA ACCOMPANYING THEIR PERMIT APPLICATION THE FOLLOWING INFORMATION:
 1. TECHNICAL OR ECONOMIC JUSTIFICATION FOR EACH CONFLICT MANHOLE.
 2. A STATEMENT IDENTIFYING THE PARTY RESPONSIBLE FOR MAINTAINING EACH CONFLICT MANHOLE.
 3. ASSURANCE OF COMPLIANCE WITH THE DESIGN AND CONSTRUCTION REQUIREMENTS IN SUB-PARAGRAPHS A. THROUGH D. BELOW. - 381
 A. EACH WATER MAIN PASSING THROUGH A CONFLICT MANHOLE SHALL HAVE A FLEXIBLE, WATERTIGHT JOINT ON EACH SIDE OF THE MANHOLE TO ACCOMMODATE DIFFERENTIAL SETTLING BETWEEN THE MAIN AND THE MANHOLE.
 B. WITHIN EACH CONFLICT MANHOLE, THE WATER MAIN PASSING THROUGH THE MANHOLE SHALL BE INSTALLED IN A WATERTIGHT CASING PIPE HAVING HIGH IMPACT STRENGTH (I.E., HAVING IMPACT STRENGTH AT LEAST EQUAL TO THAT OF 0.25-INCH-THICK DUCTILE IRON PIPE).
 C. EACH CONFLICT MANHOLE SHALL HAVE AN ACCESS OPENING, AND SHALL BE SIZED, TO ALLOW FOR EASY CLEANING OF THE MANHOLE.
 D. GRATINGS SHALL BE INSTALLED AT ALL STORM SEWER INLETS UPSTREAM OF EACH CONFLICT MANHOLE TO PREVENT LARGE OBJECTS FROM ENTERING THE MANHOLE.
 - (4) SEPARATION BETWEEN FIRE HYDRANT DRAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.
 (A) NEW OR RELOCATED FIRE HYDRANTS WITH UNDERGROUND DRAINS SHALL BE LOCATED SO THAT THE DRAINS ARE AT LEAST THREE FEET FROM ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. AT LEAST THREE FEET, AND PREFERABLY TEN FEET, FROM ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER, AT LEAST SIX FEET, AND PREFERABLY TEN FEET, FROM ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. AND AT LEAST TEN FEET FROM ANY EXISTING OR PROPOSED ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM AS DEFINED IN SECTION 361.006(2), F.S., AND RULE 64E-6.002, F.A.C.

- DESIGN**
- (1) EXTENSION OF LINES TO PROJECT BOUNDARIES. WATER MAINS SHALL BE DESIGNED TO STUB OUT TO THE PROJECT BOUNDARIES TO SERVE ADJACENT UNSEWERED PROPERTIES. THIS SHALL INCLUDE MAINS IN RIGHTS-OF-WAY, ACROSS THE ENTIRE PROJECT FROM OR ON EXISTING ROADS WITHOUT EXISTING MAINS, AND TO THE PROPERTY BOUNDARY VIA EASEMENT WHEN NO OTHER ACCESS IS AVAILABLE TO UNSEWERED PROPERTIES.
 - (2) CURB STOPS SHALL BE LOCKED WITH BULLET LOCKS IMMEDIATELY AFTER FDEP CLEARANCE AND PRIOR TO ACCEPTANCE.
 - (3) NO WATER MAINS SHALL BE LOCATED IN SIDE OR BACKLOT EASEMENTS UNDER ANY CONDITIONS

- GENERAL WATER NOTES**
- (5) EXCEPTIONS, WHERE IT IS NOT TECHNICALLY FEASIBLE OR ECONOMICALLY SENSIBLE TO COMPLY WITH THE REQUIREMENTS IN SUBSECTION (1) OR (2) ABOVE, THE DEPARTMENT SHALL ALLOW EXCEPTIONS TO THESE REQUIREMENTS IF SUPPLIERS OF WATER OR CONSTRUCTION PERMIT APPLICANTS PROVIDE TECHNICAL OR ECONOMIC JUSTIFICATION FOR EACH EXCEPTION AND PROVIDE ALTERNATIVE CONSTRUCTION FEATURES THAT AFFORD A SIMILAR LEVEL OF RELIABILITY AND PUBLIC HEALTH PROTECTION. ACCEPTABLE ALTERNATIVE CONSTRUCTION FEATURES INCLUDE THE FOLLOWING:
 (A) WHERE AN UNDERGROUND WATER MAIN IS BEING LAID LESS THAN THE REQUIRED MINIMUM HORIZONTAL DISTANCE FROM ANOTHER PIPELINE AND WHERE AN UNDERGROUND WATER MAIN IS CROSSING ANOTHER PIPELINE AND JOINTS IN THE WATER MAIN ARE BEING LOCATED LESS THAN THE REQUIRED MINIMUM DISTANCE FROM JOINTS IN THE OTHER PIPELINE:
 1. USE OF PRESSURE-RATED PIPE CONFORMING TO THE AMERICAN WATER WORKS ASSOCIATION STANDARDS INCORPORATED INTO RULE 62-555.330, F.A.C., FOR THE OTHER PIPELINE IF IT IS A GRAVITY- OR VACUUM-TYPE PIPELINE.
 2. USE OF WELDED, FUSED, OR OTHERWISE RESTRAINED JOINTS FOR EITHER THE WATER MAIN OR THE OTHER PIPELINE; OR
 3. USE OF WATERTIGHT CASING PIPE OR CONCRETE ENCASEMENT AT LEAST FOUR INCHES THICK FOR EITHER THE WATER MAIN OR THE OTHER PIPELINE.
 (B) WHERE AN UNDERGROUND WATER MAIN IS BEING LAID LESS THAN THREE FEET HORIZONTALLY FROM ANOTHER PIPELINE AND WHERE AN UNDERGROUND WATER MAIN IS CROSSING ANOTHER PIPELINE AND IS BEING LAID LESS THAN THE REQUIRED MINIMUM VERTICAL DISTANCE FROM THE OTHER PIPELINE:
 1. USE OF PIPE, OR CASING PIPE, HAVING HIGH IMPACT STRENGTH (I.E., HAVING AN IMPACT STRENGTH AT LEAST EQUAL TO THAT OF 0.25-INCH-THICK DUCTILE IRON PIPE) OR CONCRETE ENCASEMENT AT LEAST FOUR INCHES THICK FOR THE WATER MAIN; AND
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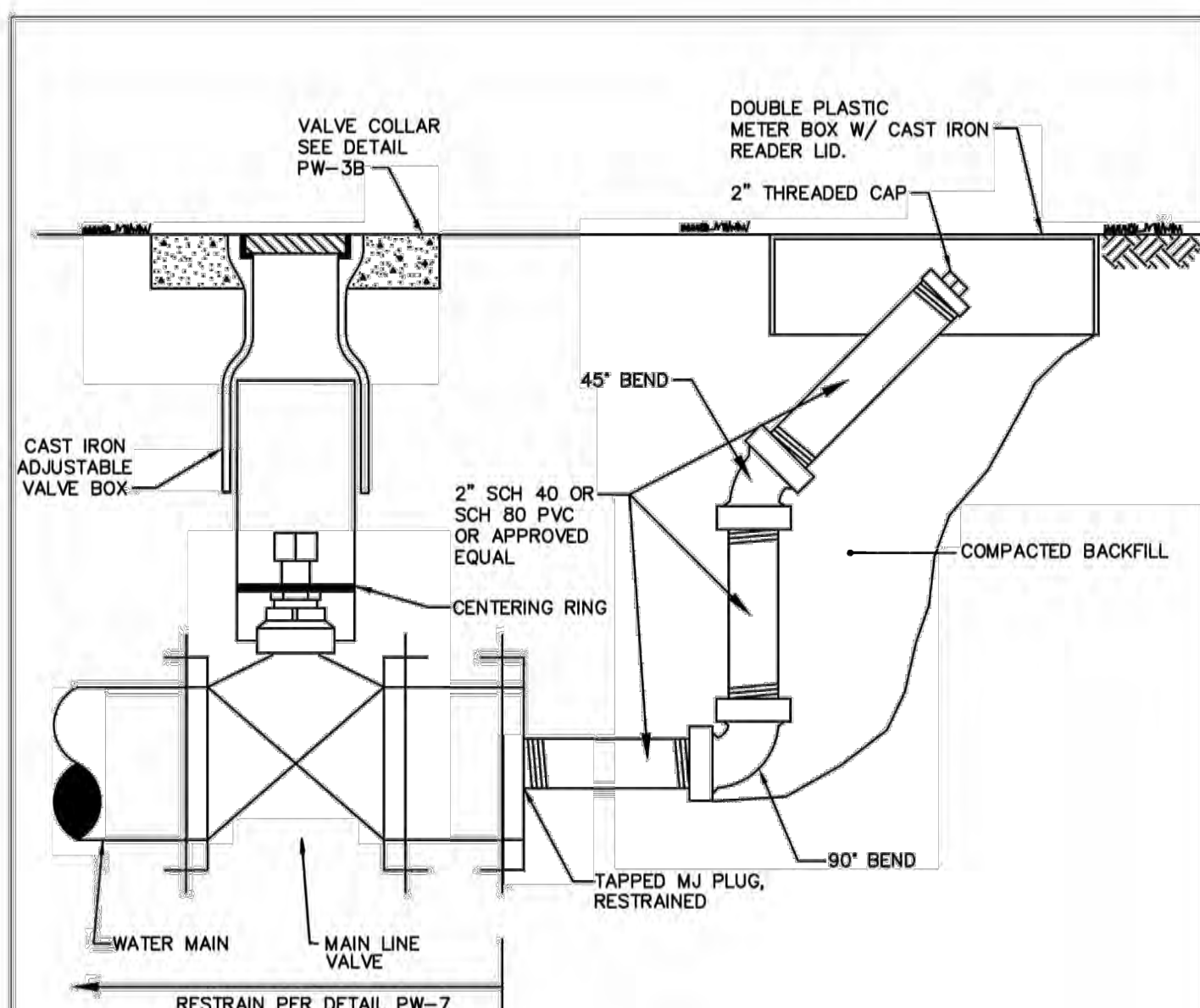
City of Tavares Standard Details
 City of Tavares Utility Department
 1000 Captain Hayes Road Tavares, FL 32778
 Phone (352)742-6485 Fax (352)742-6110
 DATE: APRIL 2018
 DETAIL PW-11C

- GENERAL WATER NOTES**
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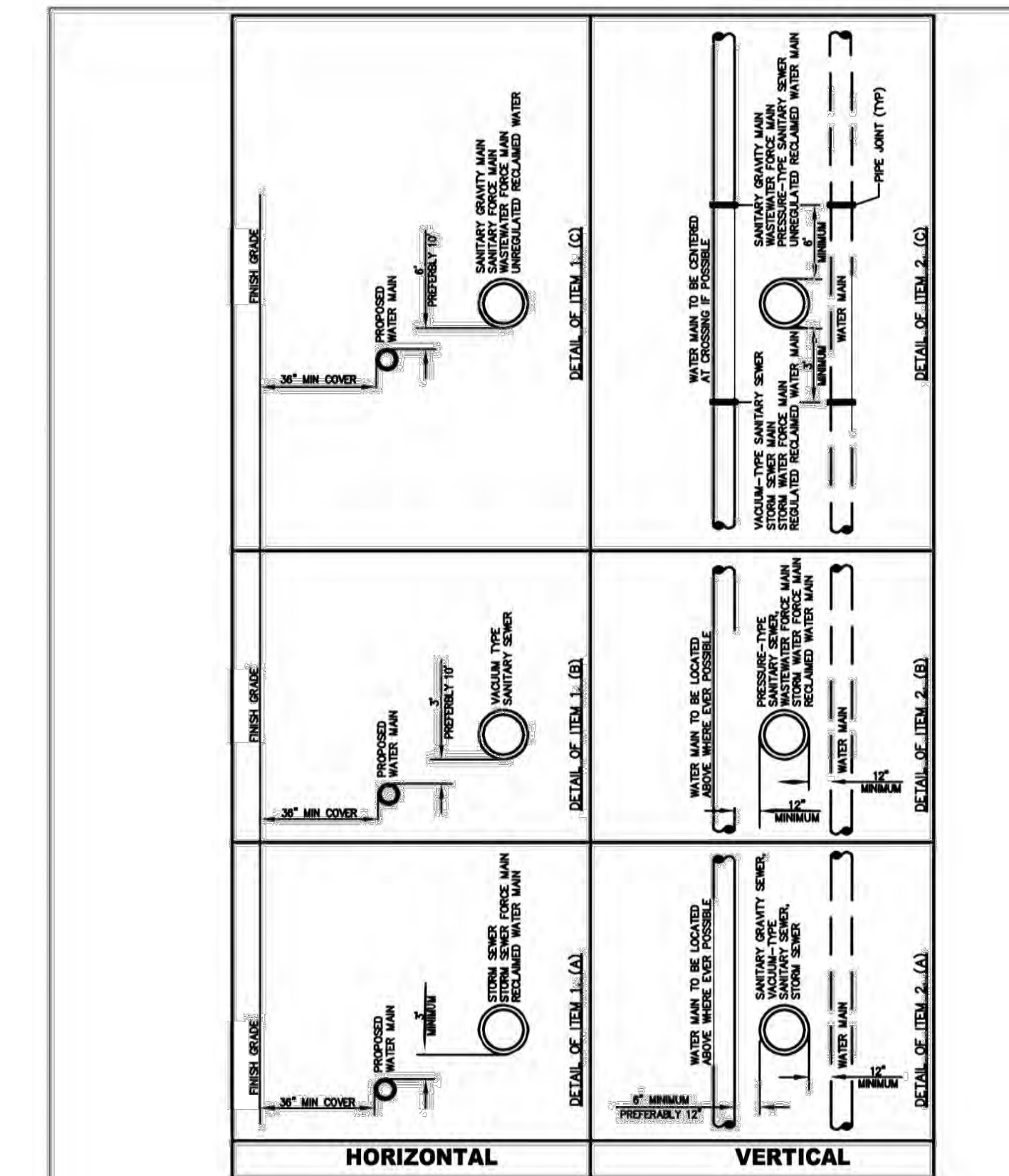
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 2. USE OF PIPE, OR CASING PIPE, HAVING HIGH IMPACT STRENGTH (I.E., HAVING AN IMPACT STRENGTH AT LEAST EQUAL TO THAT OF 0.25-INCH-THICK DUCTILE IRON PIPE) OR CONCRETE ENCASEMENT AT LEAST FOUR INCHES THICK FOR THE OTHER PIPELINE IF IT IS NEW AND IS CONVEYING WASTEWATER OR RECLAIMED WATER.

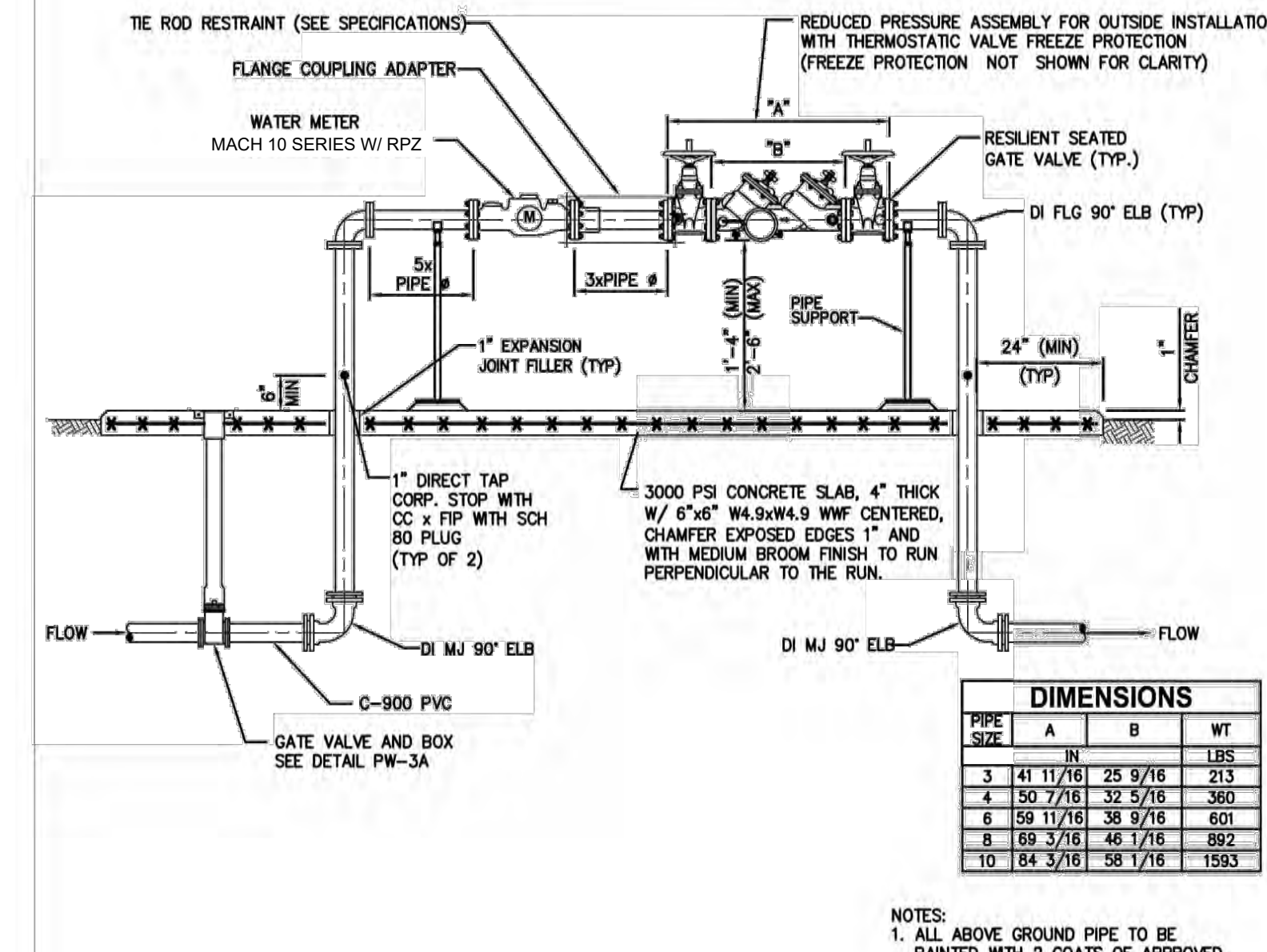
City of Tavares Standard Details
 City of Tavares Utility Department
 1000 Captain Hayes Road Tavares, FL 32778
 Phone (352)742-6485 Fax (352)742-6110
 DATE: OCT. 2022
 DETAIL PW-11D



City of Tavares Standard Details
 City of Tavares Utility Department
 1000 Captain Hayes Road Tavares, FL 32778
 Phone (352)742-6485 Fax (352)742-6110
 DATE: APRIL 2018
 DETAIL PW-16

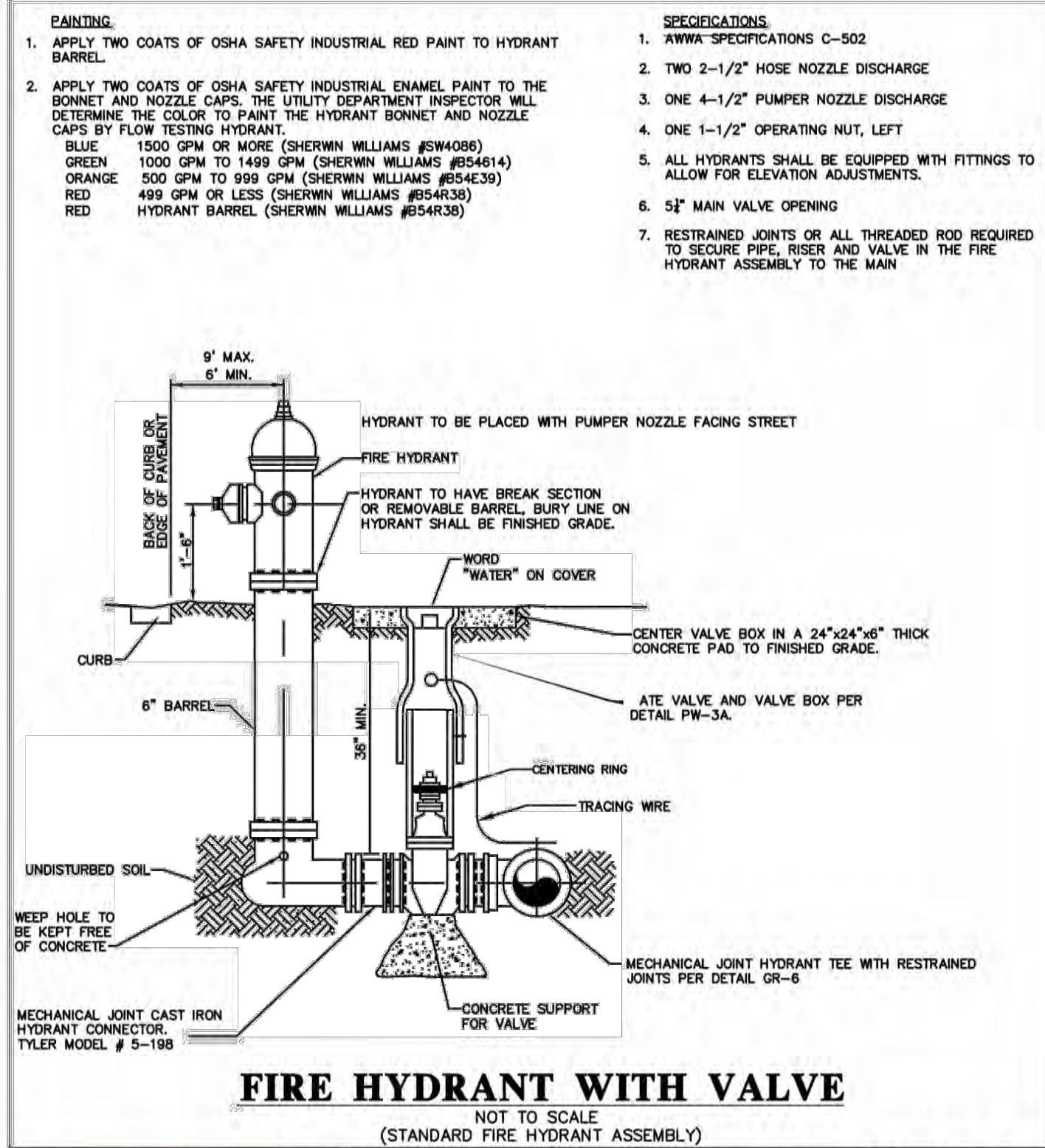


City of Tavares Standard Details
 City of Tavares Utility Department
 1000 Captain Hayes Road Tavares, FL 32778
 Phone (352)742-6485 Fax (352)742-6110
 DATE: APRIL 2018
 DETAIL PW-11A



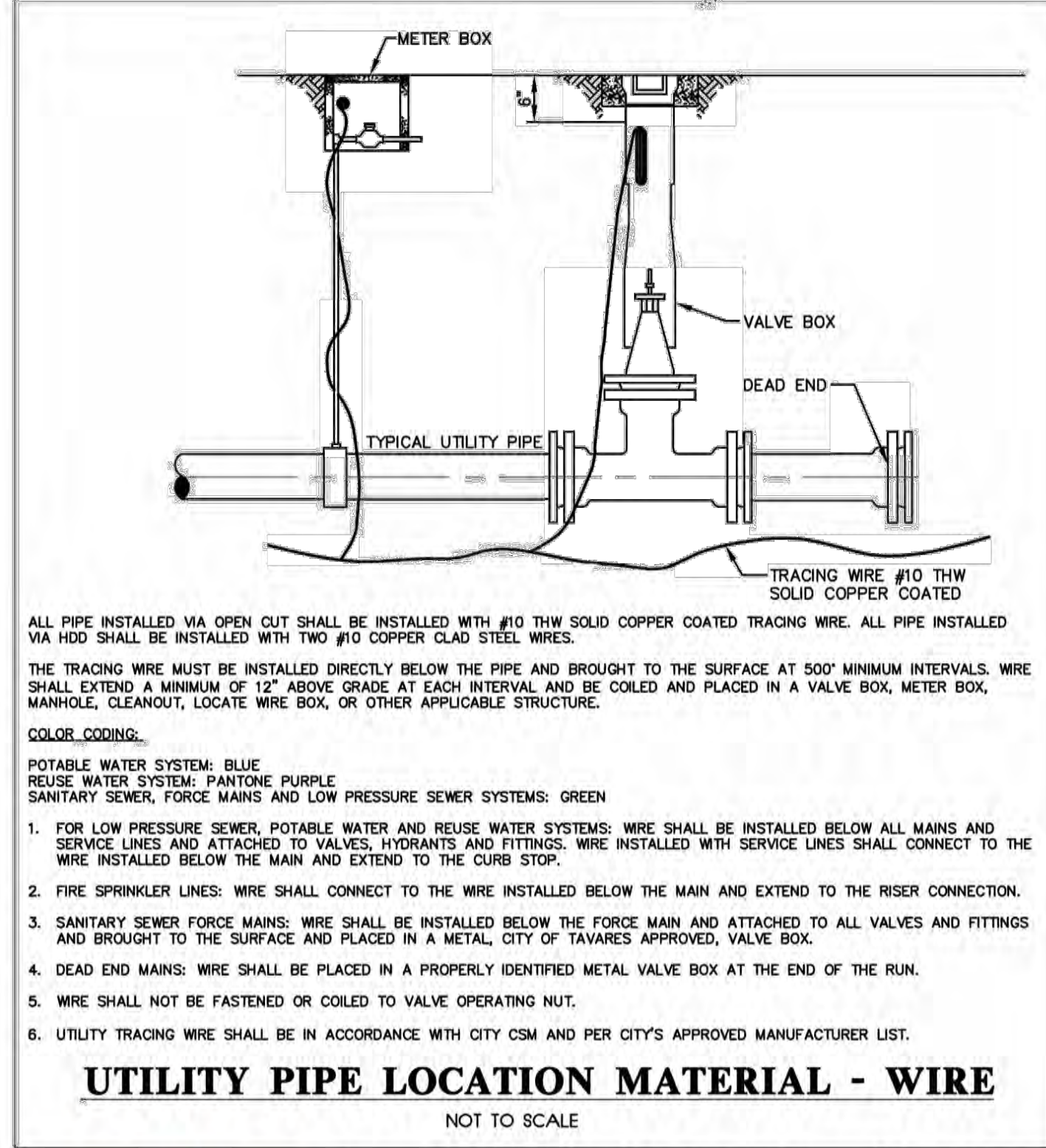
City of Tavares Standard Details
 City of Tavares Utility Department
 1000 Captain Hayes Road Tavares, FL 32778
 Phone (352)742-6485 Fax (352)742-6110
 DATE: APRIL 2018
 DETAIL PW-23

REVISION NO.	DATE	DESCRIPTION



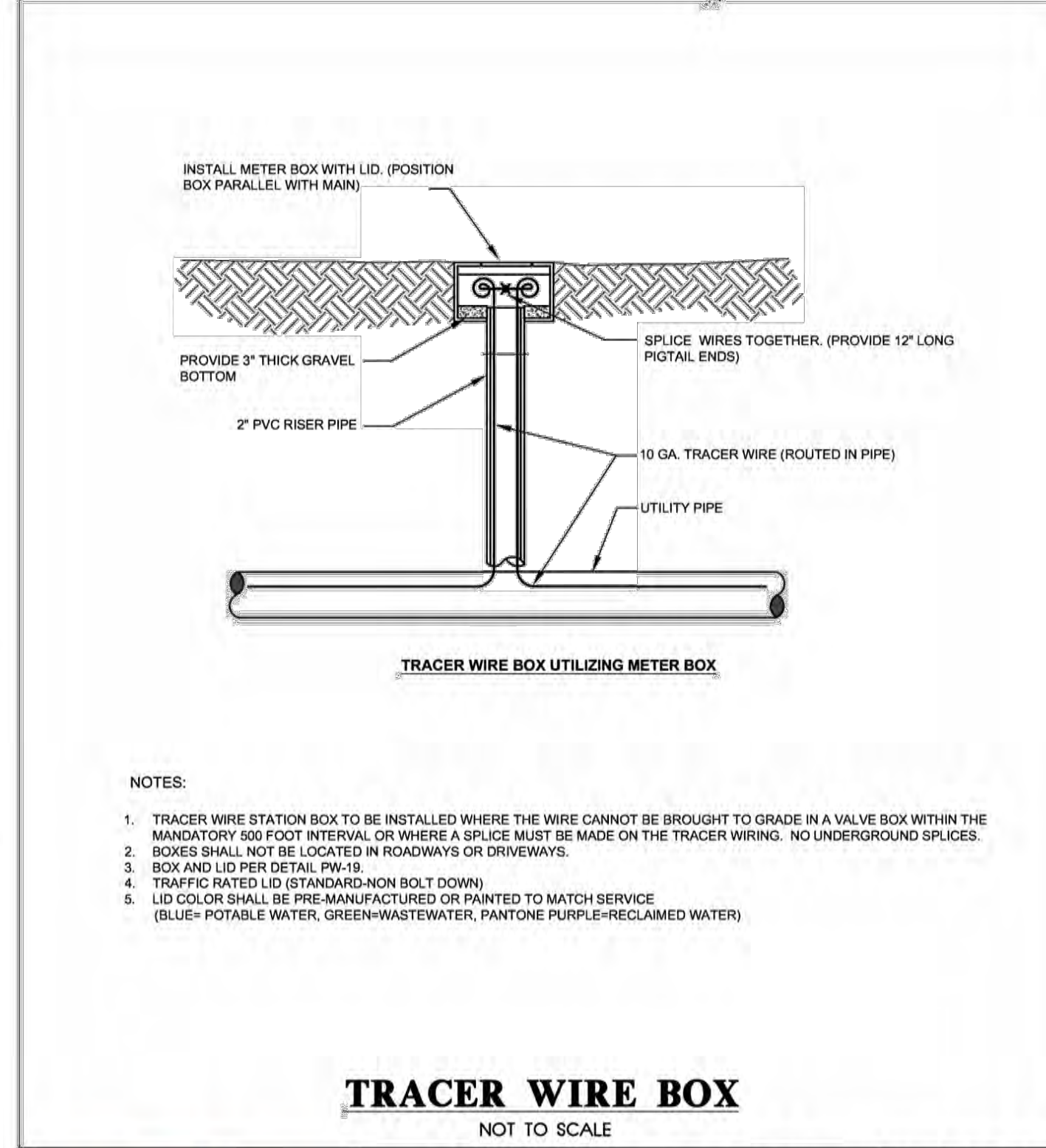
FIRE HYDRANT WITH VALVE
NOT TO SCALE
(STANDARD FIRE HYDRANT ASSEMBLY)

	City of Tavares Standard Details City of Tavares Utility Department 1000 Captain Hayes Road Tavares, FL 32778 Phone (352)742-6485 Fax (352)742-6110	DATE: APRIL 2018
		DETAIL PW-18



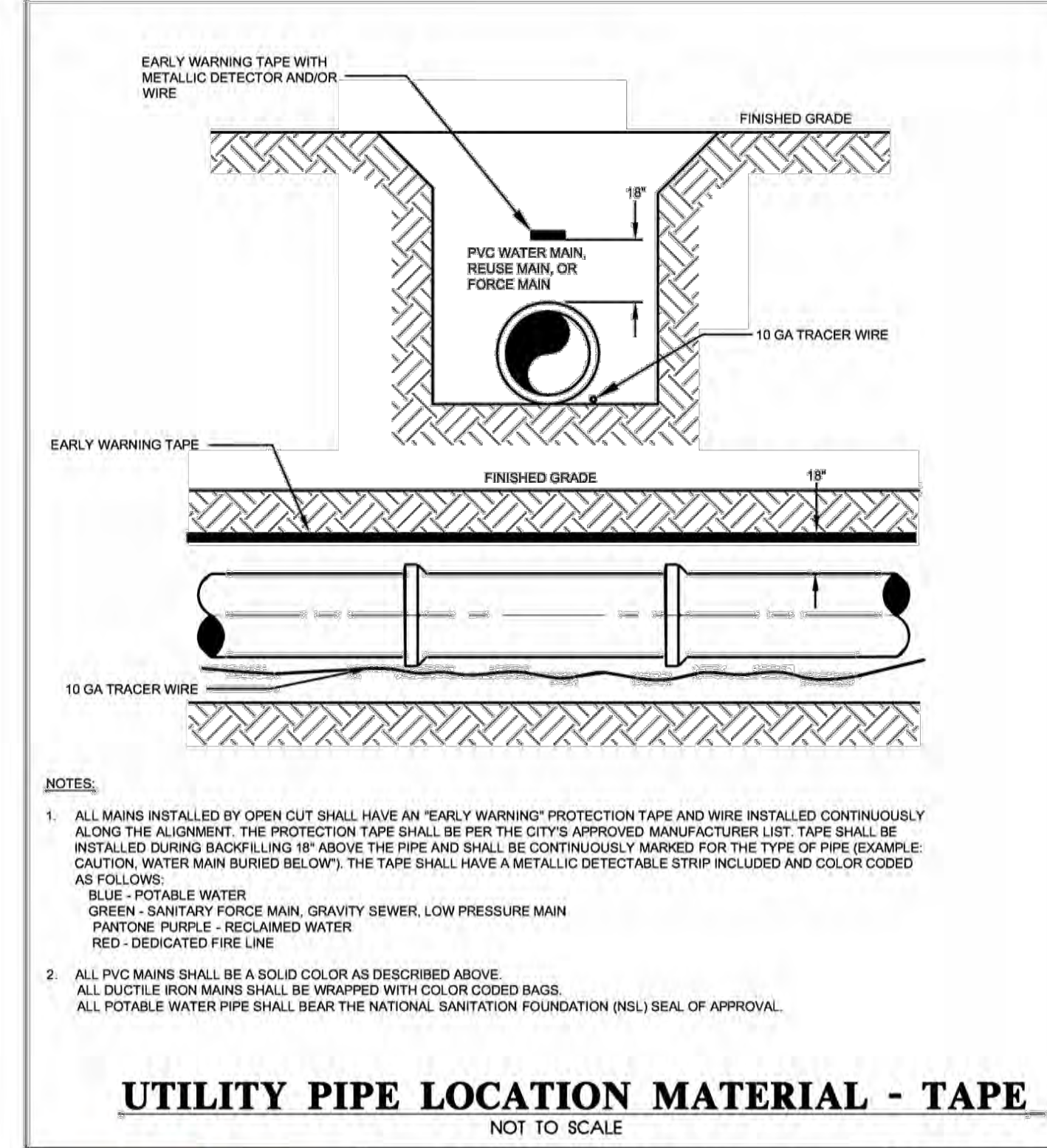
UTILITY PIPE LOCATION MATERIAL - WIRE
NOT TO SCALE

	City of Tavares Standard Details City of Tavares Utility Department 1000 Captain Hayes Road Tavares, FL 32778 Phone (352)742-6485 Fax (352)742-6110	DATE: APRIL 2018
		DETAIL PW-8



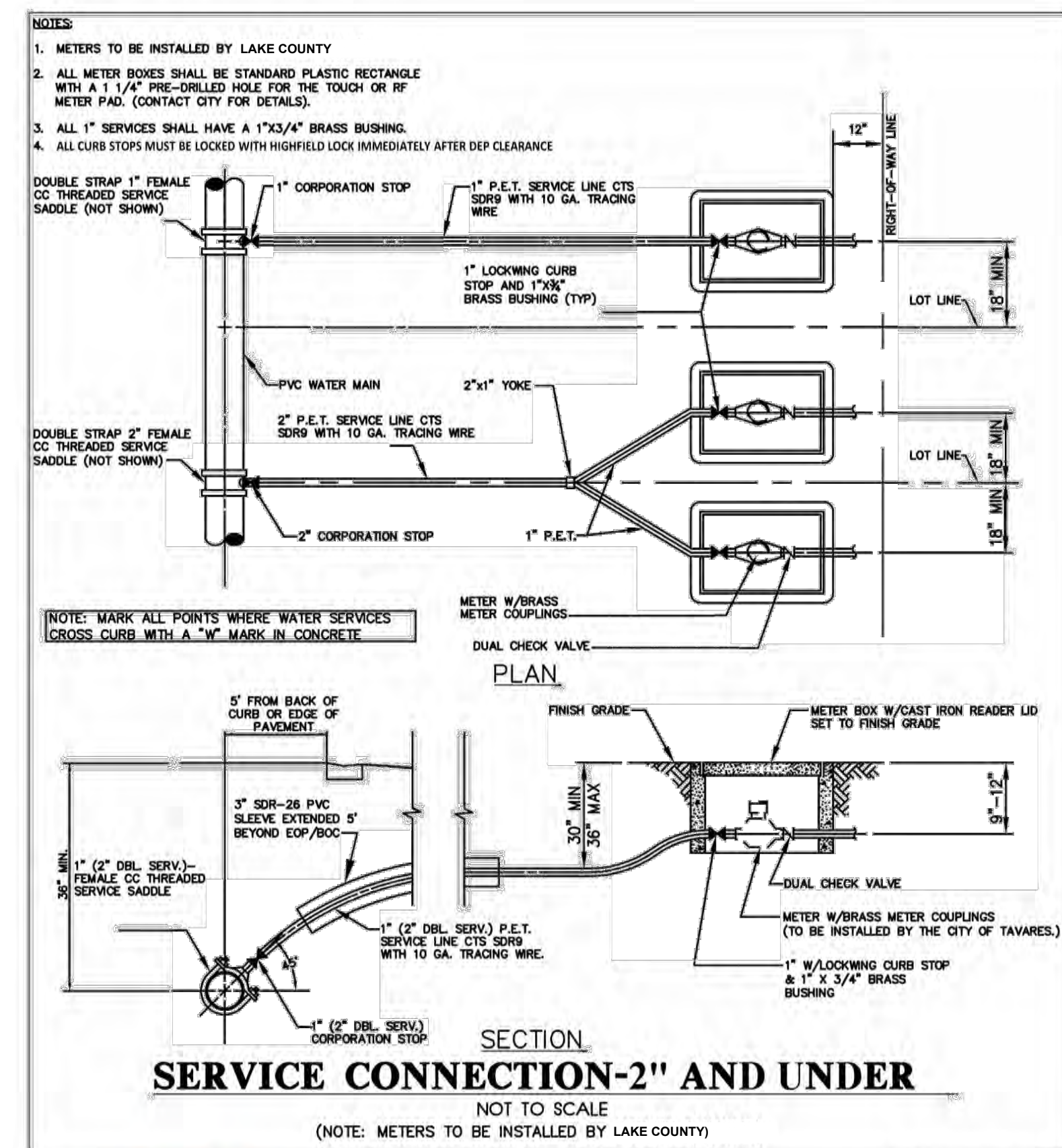
TRACER WIRE BOX
NOT TO SCALE

	City of Tavares Standard Details City of Tavares Utility Department 1000 Captain Hayes Road Tavares, FL 32778 Phone (352)742-6485 Fax (352)742-6110	DATE: APRIL 2018
		DETAIL PW-9



UTILITY PIPE LOCATION MATERIAL - TAPE
NOT TO SCALE

	City of Tavares Standard Details City of Tavares Utility Department 1000 Captain Hayes Road Tavares, FL 32778 Phone (352)742-6485 Fax (352)742-6110	DATE: APRIL 2018
		DETAIL PW-10



SERVICE CONNECTION-2\"/>

REVISION NO.	DATE	DESCRIPTION

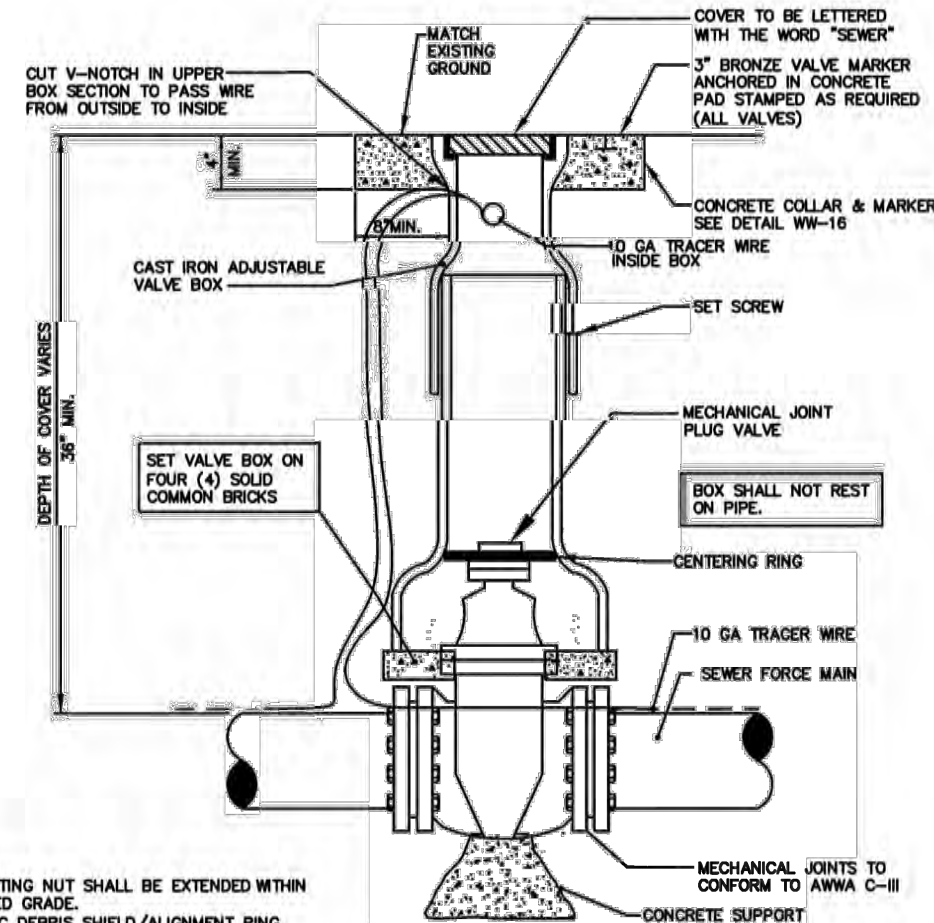
THE SEAL ORIGINALLY APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY:
CHARLES C. HOITT 54813
NAME PE LICENSE NO.
2/23/2028
DATE

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HALFF ASSOCIATES, INC.

FLA. CA. 33380 & FL. LC 26000645 FL
FIRM / BUSINESS NO. STATE

PROJECT NO.: 043862.082
ISSUED: MAY 2025
DRAWN BY: KH
CHECKED BY: CH
SCALE:
SHEET TITLE:
POTABLE WATER DETAILS (03)

FILE NAME: A:\430008\43862\082\PW\CADD\Sheets\C-PLAN-SITE-43862-082.dwg DATE: February 23, 2026, TIME: 9:41 AM, USER: ah4855



- NOTES**
1. THE VALVE ACTUATING NUT SHALL BE EXTENDED WITHIN 2 FEET OF FINISHED GRADE.
 2. PROVIDE A PLASTIC COVER SHIELD/ALIGNMENT RING WHICH INSTALLS BELOW THE VALVE ACTUATING NUT. THIS SHIELD SHALL COVER THE HOSE PIP BOX OVER THE ACTUATING NUT AND MINIMIZE INFILTRATION.
 3. FOR NEW CONSTRUCTION THE VALVE BOX SHALL BE ADJUSTED TO MIDRANGE TO ALLOW FOR FUTURE BOX ADJUSTMENTS.
 4. VALVE BOX SHALL BE A TWO PIECE SCREW TYPE.

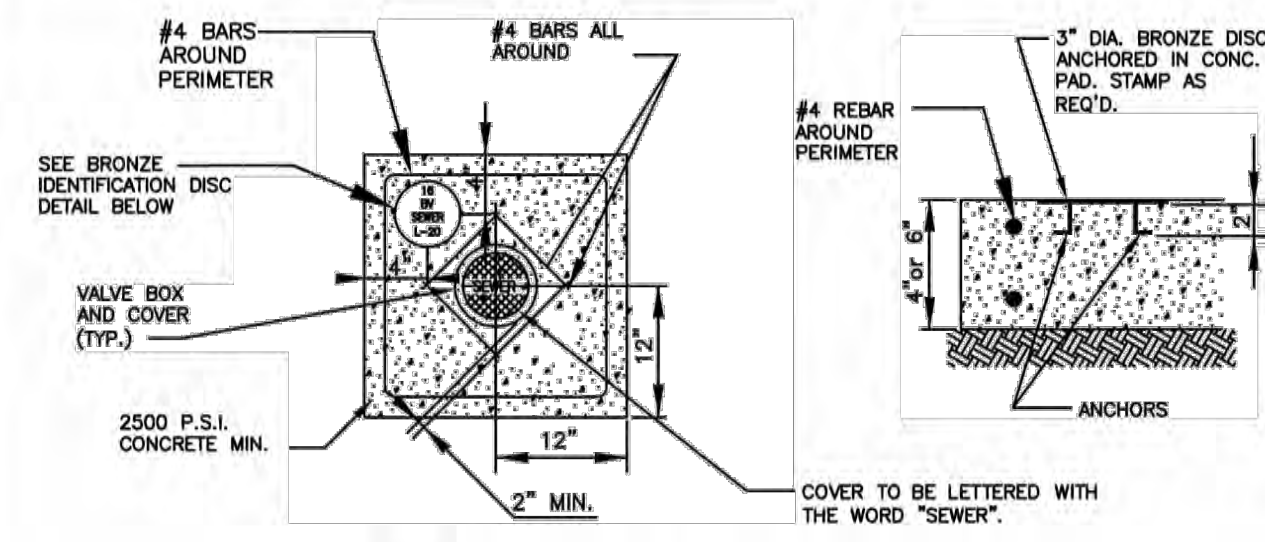
PLUG VALVE AND BOX
NOT TO SCALE

City of Tavares
Standard Details

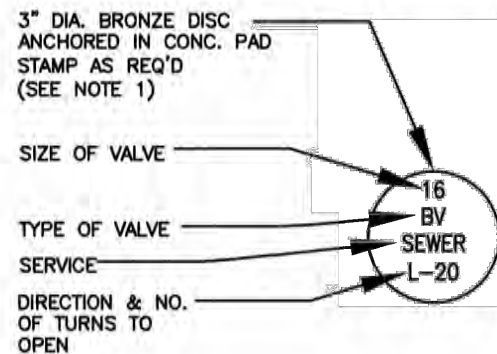
City of Tavares Utility Department
1000 Captain Haynes Road Tavares, FL 32778
Phone (352)742-6485 Fax (352)742-6110

DATE: AUG 2023

DETAIL WW-13



- NOTE:**
1. BRONZE IDENTIFICATION DISC SHALL BE REQUIRED FOR ALL VALVES.
 2. 6\"/>



BRONZE IDENTIFICATION DISC DETAIL

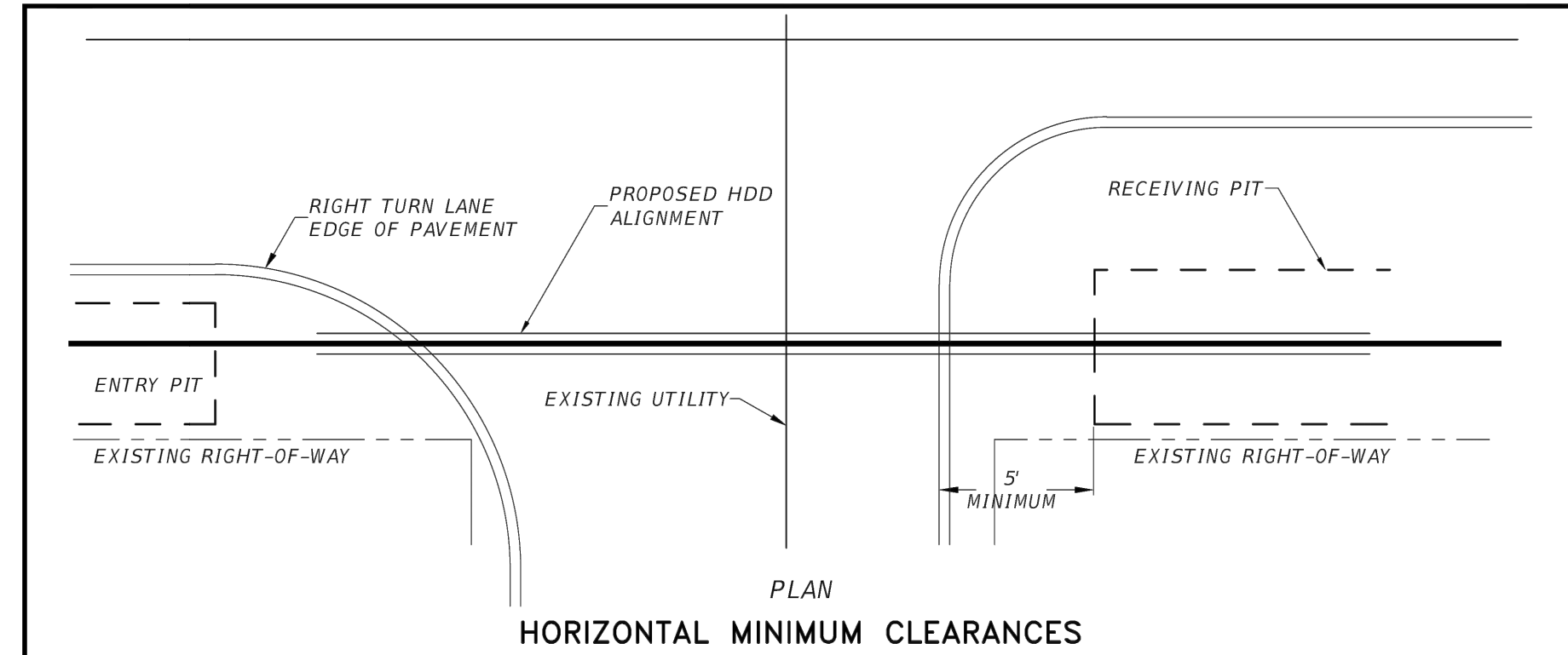
VALVE COLLAR
NOT TO SCALE

City of Tavares
Standard Details

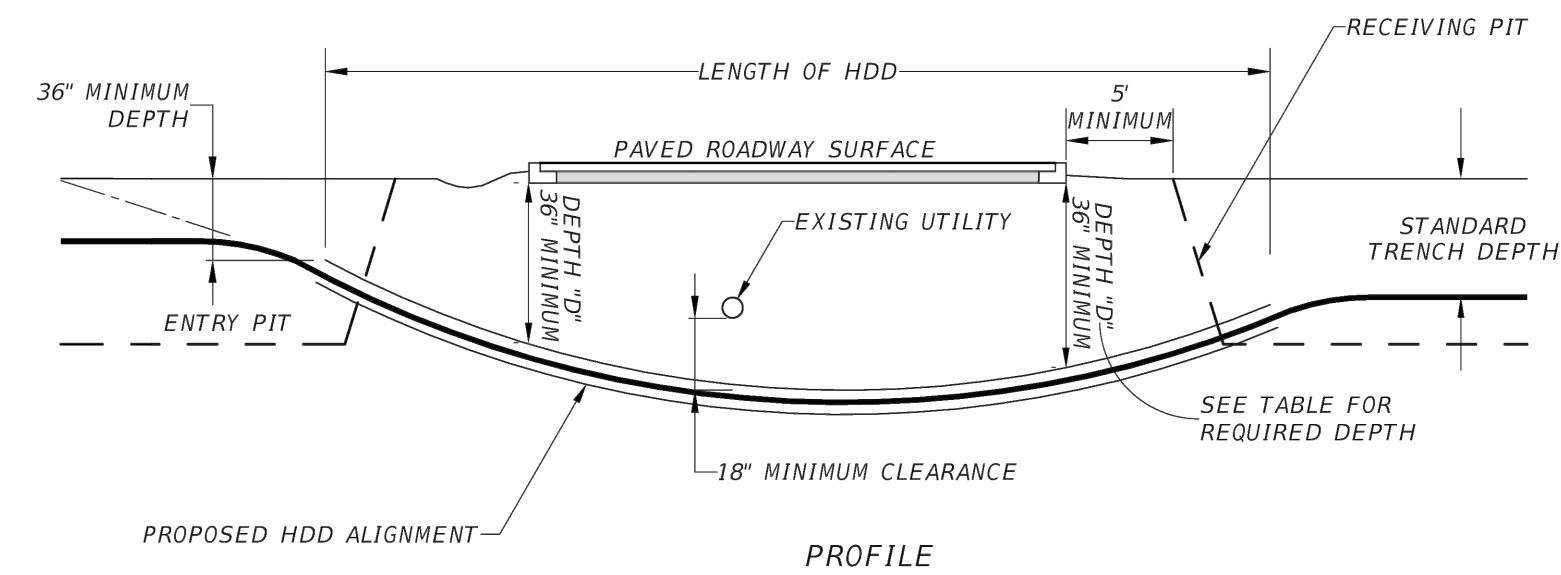
City of Tavares Utility Department
1000 Captain Haynes Road Tavares, FL 32778
Phone (352)742-6485 Fax (352)742-6110

DATE: APRIL 2018

DETAIL WW-15



HORIZONTAL MINIMUM CLEARANCES



VERTICAL MINIMUM CLEARANCES

HDD INSTALLATION NOTES:

1. ANY WORK WITHIN PUBLIC RIGHT-OF-WAY REQUIRES AN APPROVED RIGHT-OF-WAY UTILIZATION PERMIT.
2. ALL HDD INSTALLATION ACTIVITIES SHALL BE IN ACCORDANCE WITH THE FLORIDA D.O.T. UTILITY ACCOMMODATIONS MANUAL UNLESS APPROVED OTHERWISE.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION OF AFFECTED AGENCIES AND COORDINATION WITH ALL UTILITIES PRIOR TO CONSTRUCTION.
4. ALL CONSTRUCTION MATERIALS, INCLUDING DRILLING FLUID, SHALL BE REMOVED FROM THE SITE PRIOR TO RESTORATION OF DISTURBED AREAS.
5. ALL RESTORATION WORK SHALL BE IN ACCORDANCE WITH LAKE COUNTY STANDARDS AND PERMIT REQUIREMENTS.
6. FOR PIPE DIAMETER GREATER THAN 18\", DEPTH \"D\" WILL BE AS APPROVED BY LCPW.
7. ALL DIRECTIONAL DRILL SHALL BE INSTALLED MONDAY THROUGH THURSDAY ONLY. NO WORK PERMITTED FRIDAY, SATURDAY OR SUNDAY.
8. NO EXCAVATION IS PERMITTED WITHIN 5' OF EDGE-OF-PAVEMENT (EOP). IF NECESSARY WITHIN 5', NEED APPROVAL BY THE COUNTY & TRENCH SHEETING WITH ASSOCIATED M.O.T. PLAN REQUIRED. EXCAVATION WITHIN 2' OF EOP IS NOT PERMITTED.

DEPTH \"D\" (5 X REAMER DIAMETER)					
\"D\"	3'	4'	5'	6'	7'
PIPE DIAMETER	<6\"	6\"	8\"	10\"	12\"

- NOTE:**
- A. ANY PIPE DIAMETER GREATER THAN 12\"/>

TYPICAL HORIZONTAL DIRECTIONAL DRILL (HDD) UNDER A ROADWAY

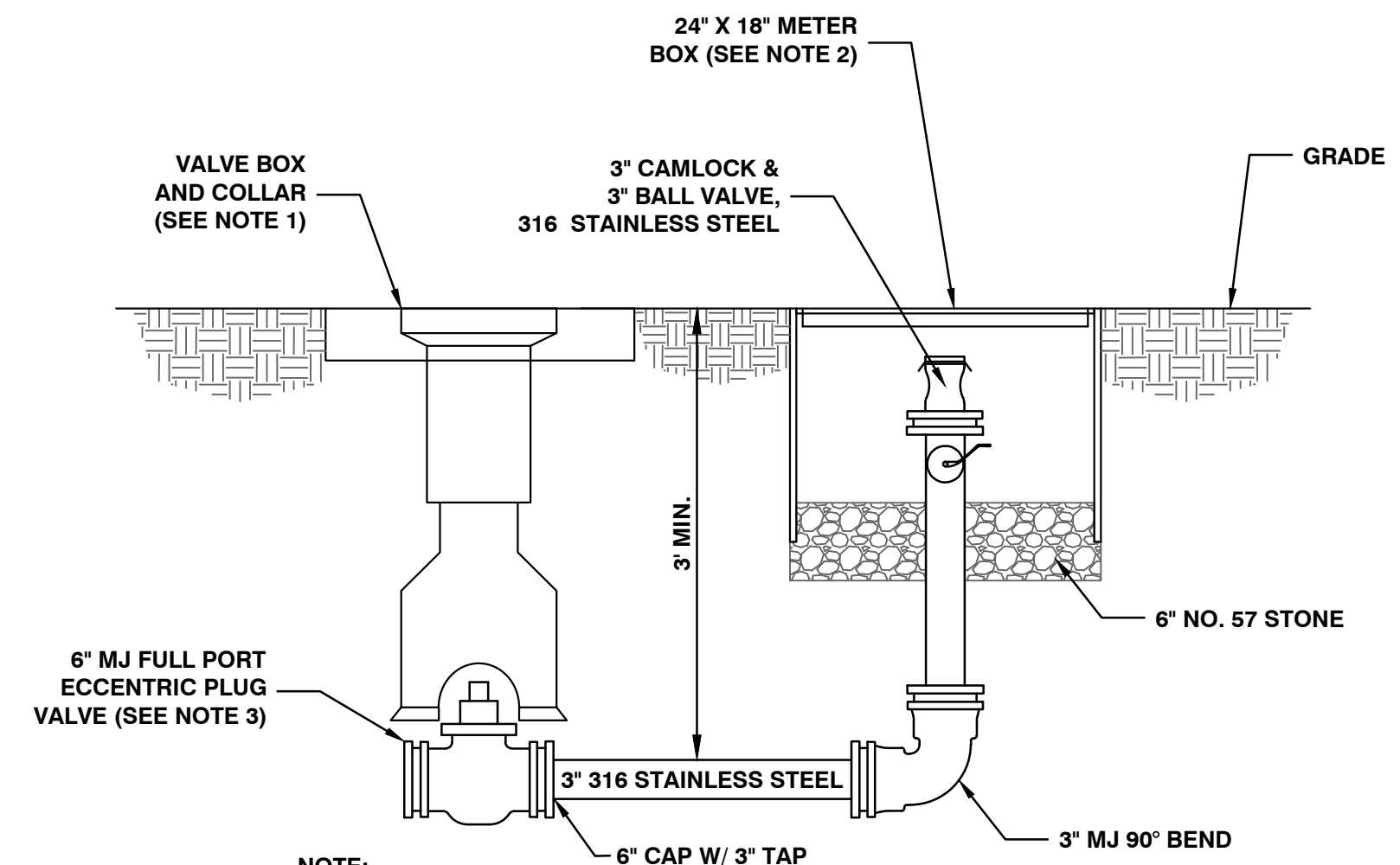
NOT TO SCALE
REV. JAN 2019

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

350 N. SINCLAIR AVE. - TAVARES, FLORIDA 32778

LAKE COUNTY STANDARD
DIRECTIONAL DRILL
DETAIL

101



- NOTE:**
1. VALVE BOX SHALL HAVE A GREEN LOCKING LID LABELED \"SEWER\" AND BE A SIGMA CORP., STAR PIPE PRODUCTS, TYLER UNION, OR APPROVED EQUAL FROM THE CITY OF TAVARES APPROVED MANUFACTURER LIST IN THE CONSTRUCTION SPECIFICATION MANUAL.
 2. METER BOX SHALL HAVE A GREEN LOCKING LID LABELED \"SEWER\". (SEE THE APPROVED MANUFACTURER LIST)
 3. PLUG VALVE SHALL BE CLOW, DEZURIK, MILLIKEN/PRATT, OR APPROVED EQUAL FROM THE CITY OF TAVARES APPROVED MANUFACTURER LIST IN THE CONSTRUCTION SPECIFICATION MANUAL.

FORCE MAIN FLUSH PORT DETAIL

NOT TO SCALE

FILE NAME: A:\43000s\43862\02\DW\CADD\Sheets\C-PLAN-SITE-43862-082.dwg DATE: February 23, 2026, TIME: 9:39 AM, USER: ah4855

MULTI-FAMILY DETACHED HOUSING
TAVARES, FL

REAL FLORIDA • REAL CLOSE

HALFF ASSOCIATES, INC.
RICHMOND, TX 75281
TEL: (214) 346-6020

REVISION NO.	DATE	DESCRIPTION

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CHARLES C. HOITT 54813
NAME PE LICENSE NO.
2/23/2026
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FLA. CA. 33380 & FL. LC 26000645
FIRM / BUSINESS NO. STATE

PROJECT NO.: 043862.082
ISSUED: MAY 2025
DRAWN BY: KH
CHECKED BY: CH
SCALE:
SHEET TITLE:
WASTE WATER DETAILS (02)

C-901

REVISION NO.	DATE	DESCRIPTION

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PROJECT NO.: 043862.082
ISSUED: MAY 2025
DRAWN BY: KH
CHECKED BY: CH
SCALE:
SHEET TITLE:

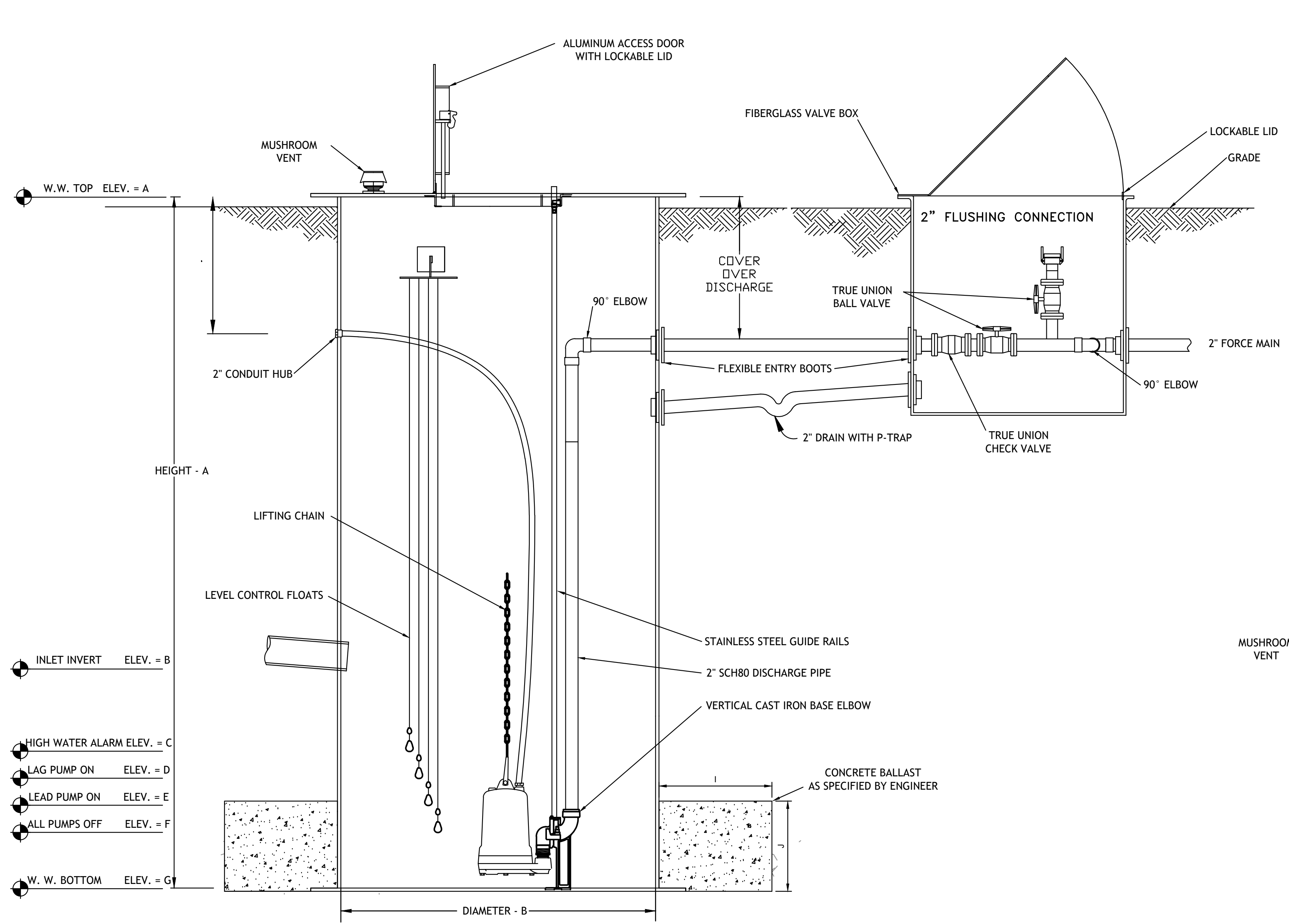
LIFT STATION DETAILS

A	TOP OF BASIN	79.50'
B	INLET INVERT	74.41'
C	HIGH WATER LEVEL ALARM	73.91'
D	LAG PUMP ON	73.41'
E	LEAD PUMP ON	72.91'
F	PUMPS OFF	71.91'
G	BOTTOM OF BASIN	69.00'
H	INLET SIZE AND TYPE	8" SDR-26 PVC
I	BALLAST LIP	12"
J	BALLAST THICKNESS	12"
K	BALLAST CONC. VOLUME	1.716 yd ³

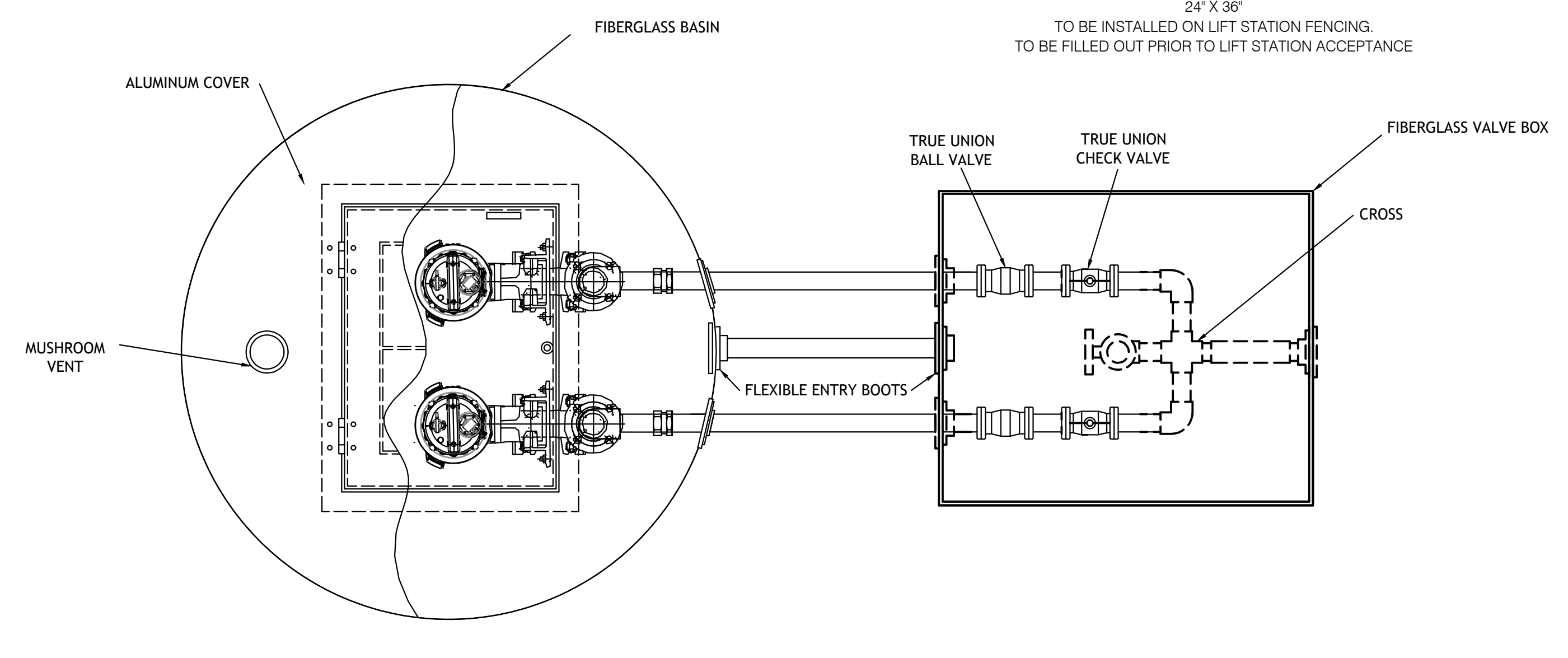


MANUFACTURER	ZOELLER
MODEL	7013
HORSEPOWER	2
IMPELLER (INCHES)	6.19
SPEED (RPM)	3450
VOLTAGE / PHASE	230/1
DESIGN FLOW (GPM)	26
DESIGN HEAD (FEET)	92

DIAMETER - B		HEIGHT - A	
<input type="checkbox"/> 24"	<input type="checkbox"/> 84"	<input type="checkbox"/> 84"	<input type="checkbox"/> 96"
<input type="checkbox"/> 36"	<input type="checkbox"/> 96"	<input checked="" type="checkbox"/> 120"	<input type="checkbox"/> 144"
<input checked="" type="checkbox"/> 48"	<input type="checkbox"/> 144"	<input type="checkbox"/> OTHER	<input type="checkbox"/> OTHER
<input type="checkbox"/> 60"	<input type="checkbox"/> 144"		
<input type="checkbox"/> OTHER	<input type="checkbox"/> OTHER		
VALVE BOX DIMENSIONS			
<input type="checkbox"/> 32" X 30" 25"	<input type="checkbox"/> 36" X 40" 36"		



LIFT STATION SECTION VIEW



LIFT STATION PLAN VIEW

EXAGGERATED FOR DETAIL - N.T.S.

DUPLEX CONTROL PANEL:
CONTROL PANEL SHALL BE ASSEMBLED AND BUILT BY A UL508A CERTIFIED MANUFACTURE FACILITY.
THE ENCLOSURE SHALL BE NEMA 4X FIBERGLASS WITH PADLOCKABLE DRAW LATCHES.
THE ENCLOSURE SHALL BE ABLE TO BE WALL MOUNTED.
THE FOLLOWING COMPONENTS SHALL BE MOUNTED THROUGH THE ENCLOSURE:
• RED ALARM BEACON (LIGHT)
• ALARM HORN
• GENERATOR RECEPTACLE WITH WEATHERPROOF COVER
• ALARM SILENCE PUSHBUTTON
• SURGE PROTECTOR
• LIGHTNING ARRESTOR

THE FOLLOWING COMPONENTS SHALL BE MOUNTED THROUGH THE INNERDOOR:
• MAIN CIRCUIT BREAKER
• EMERGENCY CIRCUIT BREAKER
• MECHANICAL INTERLOCK FOR EMERGENCY AND MAIN BREAKERS
• SHORT CIRCUIT PROTECTORS
• CONTROL CIRCUIT BREAKER
• SEAL FAILURE INDICATOR LIGHTS
• HAND-OFF-AUTO SELECTOR SWITCHES
• PUMP RUN PILOT LIGHTS
• POWER ON PILOT LIGHT
• ELAPSE TIME METERS (NON-RESETABLE)
• GFI DUPLEX CONVENIENCE OUTLET
MISCELLANEOUS: ALL WIRING ON THE BACKPANEL SHALL BE CONTAINED WITHIN THE WIRING DUCT. ALL WIRING BETWEEN THE INNERDOOR AND THE BACKPANEL SHALL BE CONTAINED WITH A PLASTIC SPIRAL WRAP.
EACH WIRE SHALL HAVE A WIRE NUMBER AT EACH END TO CORRESPOND TO THE AS BUILD DRAWING FOR FIELD TROUBLESHOOTING.
THE CONTROL PANEL SHALL BE ASSEMBLED BY A UL508A CERTIFIED MANUFACTURING FACILITY.

FASTENERS AND APPURTENANCES: ALL FASTENERS, LIFTING CABLES, FLOAT CABLE BRACKET, HINGES, AND APPURTENANCES SHALL BE MADE OF 304SS MINIMUM.
• A 304SS SLIDE/LATCH ASSEMBLY SHALL BE PROVIDED FOR HOLDING THE DOORS OPEN ON THE WET WELL AND VALVE BOX.
• SLIDE RAILS SHALL BE MADE OF SCH 40 304SS PIPE.
• PUMP LIFTING CABLES/CHAINS SHALL BE 304SS.
• PUMP LIFTING BALES SHALL BE MADE OF 304SS.
EXECUTION:
INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH THE MANUFACTURE'S RECOMMENDATIONS IN THE THE LOCATIONS SHOWN ON THE DRAWINGS.
CERTIFIED ELECTRICIAN SHALL MOUNT CONTROL PANEL AND CONNECT POWER SERVICE TO PANEL PRIOR TO STARTUP AND FACTORY REP SITE VISIT.
THE PUMP CONTROLS AND PUMPS SHALL BE CHECKED FOR PROPER OPERATION AND ENSURE THAT ALL LEVEL CONTROLS ARE IN ACCORDANCE WITH THE PLANS AND FULLY FUNCTIONING.
PUMP STATION SHALL BE VENTED PER MANUFACTURER'S RECOMMENDATIONS.
SHOP DRAWINGS FOR THE PUMP STATION SHALL BE PROVIDED TO THE E.O.R.

BASIN INSTALLATION INSTRUCTIONS:
1. INSPECT ALL MATERIALS SUPPLIED TO ENSURE THERE ARE NO DAMAGES DUE TO SHIPPING PRIOR TO INSTALLATION.
2. EXCAVATE HOLE LARGE ENOUGH TO ACCOMMODATE BASIN, UNDERGROUND PIPING, BACKFILL MATERIAL, AND ADEQUATE WORKING SPACE.
3. PREPARE THE BOTTOM OF THE EXCAVATED HOLE WITH 6" OF BACKFILL MATERIAL OR CONCRETE PAD. CHECK BASE TO INSURE IT IS LEVEL AND SMOOTH.
4. INSTALL BASIN ON GRAVEL BASE OR CONCRETE PAD, ANCHOR IF NECESSARY.
5. CONCRETE MAY BE PORED AROUND BASIN BOTTOM IF BALLAST IS REQUIRED FOR BUOYANCY.
6. BACKFILL WITH PEA GRAVEL 4" TO 6" AROUND THE ENTIRE PERIPHERY OF THE BASIN/COMPACTED BACKFILL MATERIAL IN 12" LIFTS. STOP AND CONNECT PIPING AS REQUIRED.
RECOMMENDED BACKFILL MATERIAL:
GRAVEL OR STONE TO BE FREE FLOWING, NATURALLY ROUNDED AGGREGATE WITH A PARTICLE SIZE OF NOT LESS THAN 3/8" OR LARGER THAN 3/4" IN DIAMETER.

ELECTRICAL NOTES:
1. DISCONNECT IS REQUIRED WITHIN SIGHT OR 50' MAX FROM PANEL LOCATION.
2. COORDINATE ALL ELECTRICAL WORK PRIOR TO CONSTRUCTION.
3. PANEL SHALL BE MANUFACTURED TO UNDERWRITERS'S LABORATORIES STANDARDS AND LABELED ACCORDINGLY.
4. EACH FLEXIBLE CABLE SHALL BE PROVIDED WITH A WATERTIGHT SEAL AND SEPARATE STRAIN RELIEF.
5. ELECTRICAL EQUIPMENT EXPOSED TO WEATHER SHALL MEET THE REQUIREMENTS OF WEATHERPROOF EQUIPMENT NEMA 4X.
6. A 110VOLT POWER RECEPTACLE WITH GROUND FAULT INTERRUPTION (GFI) PROTECTION SHALL BE AVAILABLE TO FACILITATE MAINTENANCE EITHER INSIDE THE CONTROL PANEL OR WITHIN 25 FEET OF CONTROL PANEL.
7. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES.
8. ELECTRICIAN SHALL SEAL OFF CONDUIT RUNS WITH APPROPRIATE MATERIAL.
9. CONTRACTOR SHALL VERIFY POWER SOURCE PRIOR TO ORDERING EQUIPMENT.
10. NEUTRAL IS TO BE SUPPLIED FOR SINGLE PHASE AND THREE PHASE POWER.
11. ELECTRICAL EQUIPMENT SHALL BE INSTALLED ABOVE THE 100-YEAR FLOOD ELEVATION (WHERE APPLICABLE).