

Drawing name: k:\SIP\_Civil\145062 - Morgan Group\001 - Tarpon\CADD\PlanSheets\OFFSITE COVER SHEET.dwg Sep 13, 2021 11:54am  
 User: ShelbyBrodie  
 Description: C-000 COVER SHEET  
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US HIGHWAY 19 N

BUILDING CODES IN EFFECT:

NFPA 241 Standard for Safeguarding Construction, Alteration, and Demolition Operations  
City Of Clearwater Municipal Code, Current Edition  
ADA Standards For Accessible Design, 2010 Edition

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LANDSCAPE  
XXX

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## GROUNDWATER REMEDIATION

**GROUNDWATER / DEWATERING NOTE:**  
 THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.



MORGAN		FLORIDA	
ANCLOTE HARBOR		TARPON SPRINGS	
DATE 09/14/2021			
PROJECT NO. 145062001			
SHEET NUMBER C-000			
COVER SHEET			
SCALE		DESIGN ENGINEER: JORDAN W. WALKER, P.E.	
DESIGNED BY JWW		FLORIDA REGISTRATION NUMBER:	
DRAWN BY SLB		78652	
CHECKED BY WEW		DATE:	
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		No.	
		REVISIONS	
		DATE	
		BY	



APP	APPARENT
APPROX	APPROXIMATE
ASPH	ASPHALT
ASSY	ASSEMBLY
AVE	AVENUE
B OR BL	BASILINE
BV	BALL VALVE
BE	BURIED ELECTRIC
BF	BLIND FLANGE
BFD	BACK FLOW PREVENTOR DEVICE
BFV	BUTTERFLY VALVE
BIT	BITUMINOUS
BLDG	BUILDING
BLK	BLACK
BLVD	BULEVARD
BM	BENCH MARK
BT	BURIED TELEPHONE
(A)	CALCULATED
CAT	CATALOG
CB	CATCH BASIN
CF	CUBIC FEET
CHKD	CHECKERED
CI	CAST IRON
CL2	CHLORINE
CL OR C L	CENTER LINE
CLKG	CAULKING
CLR	CLEAR OR CLEARANCE
CM	CONCRETE MASONRY
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CORP	CORPORATION
CORR	CORRUGATED
CPG	COUPLING
CV	CHECK VALVE
CY	CUBIC YARD
DBL	DOUBLE
DEPT	DEPARTMENT
DET	DETAIL
DI	DUCTILE IRON
DIA	DIAMETER
DIM	DIMENSION
DIP	DUCTILE IRON PIPE
DWG	DRAWING
E	EAST OR EASTING
EA	EACH
ECC	ECCENTRIC
ED	EQUIPMENT DRAIN
ELEC	ELECTRIC OR ELECTRICAL
EL OR ELEV	ELEVATION
EOP	EDGE OF PAVEMENT
EQUIP	EQUIPMENT
EX OR EXIST	EXISTING
EXP	EXPANSION
FD	FLOOR DRAIN
FDOT	FLORIDA DEPT. OF TRANSPORTATION
FHA	FIRE HYDRANT ASSEMBLY
FIR	FINISH
FIR	FOUND IRON ROD
FIRC	FOUND IRON ROD WITH CAP
FLEX	FLEXIBLE
FLG	FLANGE
FLR	FLOOR
FM	FORCE MAIN
FND, FN&D	FOR NAIL & DISK
FPC	FIBER ELECTRICAL CABLE
FRF	FIBERGLASS REINFORCED PIPE
	FEET
FT	FITTING OR FOOTING
FTG	GAUGE OR GAGE
GA	GALLON
GAL	GALVANIZED
GALV	GALLONS PER DAY
GDP	GRATE ELEVATION
GE	GALLONS PER MINUTE
GPM	GRADE
GRD	GRATING
GRT'G	GROUND SHOT
GS	GALVANIZED STEEL PIPE
GSP	GATE VALVE
GV	HIGH DENSITY POLYETHYLENE
HDPE	HEADWALL
	HORIZONTAL
HDWL	
HORIZ	

1. ALL EXISTING PIPES THAT ARE TO REMAIN IN SERVICE WITHIN THE RIGHT-OF-WAY CORRIDOR ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED IN THE PLANS.
2. STORM DRAIN INLET AND MANHOLE STATION LOCATIONS REFERENCE THE CENTER OF THE SPECIFIED STRUCTURE BOTTOM.
3. ALL DISTURBED AREAS, INCLUDING AREAS OUTSIDE THE CONSTRUCTION LIMITS, MUST BE RETURNED TO THEIR PRE-CONSTRUCTION CONDITION AT NO ADDITIONAL EXPENSE TO THE COUNTY. SEEDING MUST NOT BE USED AS FINAL GROUND COVER EXCEPT WHERE SPECIFICALLY SHOWN IN THE PLANS OR DIRECTED BY THE ENGINEER.
4. SHEETING, SHORING, AND BRACING MUST BE PROVIDED TO PROTECT ADJACENT STRUCTURES AND UTILITIES, OR TO MINIMIZE TRENCH WIDTH. THE COST OF ALL SHEETING, SHORING, AND BRACING REQUIRED IS INCLUDED IN THE UNIT PRICE BID FOR THE ITEM OF WORK FOR WHICH SHEETING, SHORING, AND BRACING IS REQUIRED, UNLESS OTHERWISE PROVIDED FOR SEPARATELY IN THE BID SUBMITTAL SHEETS.
5. THE ENGINEER MUST RECEIVE PERMISSION FROM THE PROPERTY OWNER THROUGH A RIGHT OF ENTRY AGREEMENT AND/OR A SIDEWALK, UTILITY, OR DRAINAGE EASEMENT PRIOR TO ANY GRADING OR CONSTRUCTION BEYOND THE RIGHT-OF-WAY..
6. ANY AND ALL EXISTING CONDITIONS MUST BE FIELD VERIFIED PRIOR TO COMMENCING CONSTRUCTION. THE ENGINEER MUST BE PROMPTLY NOTIFIED OF ANY DISCREPANCIES.
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. SURFACING MUST NOT BE APPLIED TO ANY MANHOLE COVERS, FRAMES, VALVE BOXES, GAS DROPS, ETC.
9. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS MUST REMAIN UNLESS OTHERWISE NOTED IN THE PLANS, OR AS DIRECTED BY THE ENGINEER. PROPOSED SIGN LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT, AS DIRECTED BY THE ENGINEER.

1. NO PEDESTRIAN PATHWAY IS TO BE REMOVED, BLOCKED, OR DISTURBED WITHOUT HAVING A SUFFICIENT DESIGNATED TEMPORARY PEDESTRIAN PATHWAY WITH ALL APPROPRIATE PEDESTRIAN MAINTENANCE OF TRAFFIC SIGNS (FDOT STANDARD PLANS INDEX 102-660) IN-PLACE PRIOR TO PATHWAY BEING AFFECTED.
2. ALL TEMPORARY PEDESTRIAN PATHWAYS MUST BE FIRM AND UNYIELDING.
3. ANY SIDEWALK DISTURBED WILL BE REPLACED BY SECTION WITHIN 72 HOURS TO FDOT SPECIFICATIONS.
4. ALL CONSTRUCTION AND/OR MAINTENANCE IN THE FDOT RIGHT-OF-WAY SHALL CONFORM TO THE FEDERAL MANUAL ON UNIFORM TRAFFIC DEVICES (MUTCD), THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE FLORIDA DESIGN MANUAL, AND THE DRAINAGE MANUAL.

D-1 U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION (FHWA) "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", LATEST EDITION.

D-2 FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" DIVISION II & III LATEST EDITION AND ALL SUPPLEMENTAL STANDARDS THERETO.

D-3 STATE OF FLORIDA "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS" ("GREEN BOOK"), LATEST EDITION.

D-4 FLORIDA DEPARTMENT OF TRANSPORTATION "DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM", LATEST EDITION.

D-5 FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL, LATEST EDITION.

D-6 STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL, LATEST EDITION.

D-7 CITY OF TARPON SPRINGS "STANDARD TECHNICAL SPECIFICATIONS", LATEST EDITION AVAILABLE ONLINE (<https://www.ctsfi.us/wp-content/uploads/2020/02/Standard-Technical-Specifications.pdf>).

D-8 CITY OF TARPON SPRINGS "STANDARD DETAILS", LATEST EDITION AVAILABLE ONLINE (<https://www.ctsfi.us/wp-content/uploads/2020/10/Standard-Details-Updated-October-2020.pdf>).

## ATION FEDERAL

4. ALL SUB-BASES SHALL BE GOOD, CLEAN, ACCEPTABLE MATERIAL COMPACTED TO MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99, IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
5. FINAL GROUND COVER FOR ALL AREAS OF EXPOSED EARTH RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE SODDED AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. SEEDING SHALL NOT BE USED AS FINAL GROUND COVER EXCEPT WHERE SPECIFICALLY SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
6. THE CONTRACTOR SHALL BACKFILL AREAS TO BE SODDED WITH CLEAN FILL TO MAINTAIN PROPER GRADE OF PLANTING AREAS, AND THE SOD SHALL BE PROPERLY CUT-IN AND TAMPED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR SODDING (SY).
7. SOD STABILIZATION SHALL OCCUR IMMEDIATELY AFTER ACHIEVING FINAL GRADE. ALL SLOPES STEEPER THAN 3:1 SHALL INCLUDE SOD STAPLING OR STAKING, THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR SODDING (SY).
8. THE CONTRACTOR SHALL PROVIDE ALL SHEETING, SHORING, AND BRACING REQUIRED TO PROTECT ADJACENT STRUCTURES AND UTILITIES, OR TO MINIMIZE TRENCH WIDTH. THE COST OF ALL SHEETING, SHORING, AND BRACING REQUIRED SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE ITEM OF WORK FOR WHICH SHEETING, SHORING, AND BRACING IS REQUIRED.
9. UNSUITABLE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF-SITE, AT A SUITABLE SITE PROVIDED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL PERMITS AND PERMITTING FEES REQUIRED FOR THE TRANSPORT AND DISPOSAL OF UNSUITABLE MATERIAL. NO ADDITIONAL PAYMENT WILL BE MADE FOR UNSUITABLE MATERIAL UNLESS A SPECIFIC PAY ITEM IS PROVIDED IN THE CONTRACT.
10. ALL EXCESS EXCAVATED SUITABLE AND UNSUITABLE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY THE CONTRACTOR. THE COST FOR DISPOSAL, HAULING, AND OTHER COSTS INCURRED SHALL BE INCLUDED IN THE UNIT PRICE BID FOR GRADING (LUMP SUM).
11. BORROW MATERIAL REQUIRED FOR CONSTRUCTION SHALL BE PROVIDED BY THE CONTRACTOR FROM BORROW AREAS PROVIDED BY THE CONTRACTOR.
12. EXCEPT FOR THE COST OF EXCAVATING UNSUITABLE MATERIAL AND THE COST OF FURNISHING, PLACING, AND COMPACTING FILL TO REPLACE UNSUITABLE MATERIAL, THE CONTRACT PRICE FOR GRADING SHALL INCLUDE THE COST OF ALL EMBANKMENT AND EXCAVATION, GRADED CONNECTIONS, FINAL DRESSING, AND SIMILAR EARTHWORK OPERATIONS REQUIRED FOR THE COMPLETION OF THE PROJECT, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
13. ANY GRADING OR CONSTRUCTION DEPICTED ON THE PLANS BEYOND THE RIGHT-OF-WAY AND WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PERFORMED ONLY AFTER RECEIPT OF PERMISSION FROM THE PROPERTY OWNER THROUGH A RIGHT OF ENTRY AGREEMENT AND/OR A SIDEWALK, UTILITY, OR DRAINAGE EASEMENT. ONLY AFTER NOTIFICATION BY THE ENGINEER THAT THE AGREEMENT/EASEMENT HAS BEEN OBTAINED SHALL THE CONTRACTOR CONSTRUCT WITHIN THIS AREA. SHOULD THE ENGINEER FAIL TO OBTAIN THE PROPER AUTHORIZATION THE CONTRACTOR SHALL MODIFY THE CONSTRUCTION LIMITS, AS DIRECTED BY THE ENGINEER, IN ORDER TO KEEP WITHIN THE EXISTING RIGHT-OF-WAY.

3. ALL EXISTING AND PROPOSED UTILITY AND STORM SEWER STRUCTURE TOPS THAT WILL BE EXPOSED WITHIN ANY SIDEWALK OR PAVED AREA SHALL BE ADJUSTED SO THAT THE TOP SURFACE OF COVERS OR FRAMES SHALL BE FLUSH WITH THE SIDEWALK OR PAVEMENT SURFACE. ALL EXISTING AND PROPOSED UTILITY AND STORM SEWER STRUCTURE TOPS THAT WILL BE EXPOSED WITHIN UNPAVED AREAS SUBJECT TO VEHICULAR BICYCLE, OR PEDESTRIAN TRAFFIC SHALL BE ADJUSTED SO THAT THE TOP SURFACE OF COVERS OR FRAMES SHALL BE NO MORE THAN ONE INCH ABOVE THE FINISHED GRADE. WHERE SODDING IS APPLIED, "FINISHED GRADE" SHALL BE THE NOMINAL HEIGHT OF GRASS AFTER THE SOD IS FIRMLY PLACED.
2. ANY PRIVATELY OWNED FEATURES LOCATED ON PRIVATE PROPERTY AND OUTSIDE THE DESIGNATED AREA OF CONSTRUCTION DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPAIRED IN A TIMELY MANNER, AT THE EXPENSE OF THE CONTRACTOR.
3. THE CONTRACTOR SHALL DISTURB NO MORE GROUND THAN WHAT IS NECESSARY FOR CONSTRUCTION. NO OPEN EXCAVATED TRENCH, OR OTHER UNSAFE CONDITION, WILL BE LEFT OVERNIGHT. ALL WORK SITES WILL BE COMPLETELY RESTORED WITHIN SEVEN (7) CALENDAR DAYS OF THE CONCRETE POUR FOR SIDEWALK. THE INTENT OF THIS PROVISION IS TO "SAFE UP" THE PROJECT SITE AS WORK PROGRESSES, AND SHALL INCLUDE REMOVING FORMS, FILLING HOLES, GRADING, AND REMOVAL OF DEBRIS.
4. SIDEWALK SHALL BE CONSTRUCTED ACCORDING TO FDOT STANDARD PLAN INDEX 522--001, AND SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO FDOT STANDARD PLAN INDEX 522--002, UNLESS A SEPARATE DETAIL IS PROVIDED. SIDEWALK RAMPS SHALL BE CONSTRUCTED TO A MINIMUM THICKNESS OF SIX (6) INCHES AND SHALL BE REINFORCED WITH EITHER WELDED WIRE FABRIC OR REINFORCING STEEL BARS, AS SHOWN ON THE PLANS OR AS APPROVED BY THE ENGINEER. THE CONTRACTOR WILL INSTALL AN EXPANSION JOINT AT EACH END OF A CURB CUT.
5. THE CONTRACTOR SHALL REMOVE AND DISPOSE, IN AREAS PROVIDED BY THE CONTRACTOR, ALL EXCESS CONCRETE BYPRODUCTS (CURB, SIDEWALK, ETC.)
6. ALL SIDEWALK DAMAGED BY THE CONTRACTOR OR SUBCONTRACTORS SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR, AT THE DIRECTION OF THE ENGINEER.

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PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTROL AND PREVENT EROSION AND THE TRANSPORTATION OF SEDIMENT TO SURFACE DRAINS AND OUTFALLS USING BEST MANAGEMENT PRACTICES. REFER TO CONSTRUCTION PLANS, DETAILS, SPECIFICATIONS AND APPROVED PERMITS FOR DETAILS. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN THEY REACH ONE HALF THE HEIGHT ON AN EROSION DEVICE OR AS DIRECTED BY THE ENGINEER.
- DURING THE CONSTRUCTION OF DRAINAGE STRUCTURES, AND OTHER STRUCTURES REQUIRING EXCAVATION, THE CONTRACTOR SHALL PLACE APPROVED BARRIERS OR OTHER APPROVED DEVICES AROUND SUCH STRUCTURES TO PREVENT EROSION AND THE MIGRATION OF SEDIMENT TO POINTS OUTSIDE THE CONSTRUCTION AREA. THE APPROVED BARRIERS OR OTHER APPROVED DEVICES SHALL BE PLACED IN ACCORDANCE WITH REQUIREMENTS OF FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL, 2008, STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL, LATEST EDITION OR AS DIRECTED BY THE ENGINEER.
- REQUIRED EROSION CONTROL MEASURES MUST REMAIN INTACT THROUGHOUT CONSTRUCTION.FAILURE TO INSTALL OR PROPERLY MAINTAIN REQUIRED EROSION CONTROL WILL RESULT IN ENFORCEMENT ACTION. ALL EROSION CONTROL MEASURES, SAND, SILT, AND DEBRIS SHALL BE REMOVED FROM ALL DRAINAGE PIPES AND STRUCTURES AFTER CONSTRUCTION HAS BEEN COMPLETED.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SILT/TURBIDITY BARRIERS TO CONTROL EROSION AND SEDIMENT FROM TAKING PLACE OUTSIDE THE PROJECT LIMITS. THE SILT/TURBIDITY BARRIERS SHALL BE PLACED IN ACCORDANCE WITH REQUIREMENTS OF FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL, CURRENT EDITION, STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL, CURRENT EDITION, THROUGHOUT THE DURATION OF THE PROJECT AND ALL ASPECTS OF CONSTRUCTION. ALL DAMAGED OR INEFFECTIVE EROSION CONTROL DEVICES SHALL BE REPLACED AT NO ADDITIONAL COST TO THE COUNTY.
- OUTFALL PROTECTION - PROJECT PIPE OR DITCH DISCHARGES INTO OFF-SITE OUTFALLS SHALL BE INSPECTED DAILY FOR POSSIBLE SEDIMENT BUILDUP OR TRANSPORT. OUTFALLS SHALL BE PROTECTED THROUGH USE OF EROSION CONTROL FEATURES AS NECESSARY TO CONTAIN ANY SEDIMENT LOSS TO THE IMMEDIATE AREA OF THE PROJECT. ANY SEDIMENT BUILDUP OR TRANSPORT OFF-SITE SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REMEDY. THE CONTRACTOR SHALL USE APPROPRIATE MEASURES AS DIRECTED BY THE PROJECT ENGINEER FOR OUTFALL PROTECTION.
- APPROVED BARRIERS (OR OTHER APPROVED SEDIMENT CONTROL DEVICES) - THESE SHALL BE PLACED AT THE BASE OF ANY SLOPE WHERE A RAINFALL EVENT COULD ERODE A SLOPE AND TRANSPORT SEDIMENTS OFF-SITE. APPROVED BARRIERS SHALL BE DOUBLE STAKED IN ACCORDANCE WITH FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL, 2008, AND STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL, LATEST EDITION. ANY DAMAGED OR INEFFECTIVE APPROVED BARRIERS ARE TO BE REPLACED WITH NEW ONES. THE LOCATION AND INSTALLATION OF APPROVED BARRIERS SHALL BE AS DIRECTED BY THE PROJECT ENGINEER.
- BACK OF SIDEWALK INLETS OR MEDIAN INLETS - THESE SHALL BE PROTECTED FROM SEDIMENT INTAKE UNTIL PROJECT IS COMPLETE. ELEVATION OF GROUND OUTSIDE INLET TOP SHALL NOT BE HIGHER THAN INLET TOP WITHOUT EROSION PROTECTION. APPROVED BARRIERS OR OTHER APPROVED SEDIMENT CONTROL DEVICES SHALL BE INSTALLED AROUND INLET TOP. A SECOND ROW OF APPROVED BARRIERS OR OTHER APPROVED SEDIMENT CONTROL DEVICES SHALL BE PLACED AROUND INLET APPROXIMATELY 24" OUTSIDE FIRST ROW. BETWEEN ROWS THERE SHALL BE A DEPRESSION TO ACT AS A SEDIMENT BASIN. COMPLETED INLETS IN PAVED AREAS SHALL ALSO BE PROTECTED WITH A SINGLE LINE OF APPROVED BARRIERS OR OTHER APPROVED SEDIMENT CONTROL DEVICES TO PREVENT SEDIMENT INTAKE FROM OTHER AREAS.
- STOCKPILED MATERIALS SHALL BE PROTECTED BY COVER, APPROVED BARRIERS OR OTHER APPROVED SEDIMENT CONTROL DEVICES.
- ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 3 DAYS AFTER ½" RAIN EVENT DISTURBANCE.
- SEDIMENT TRAPPING MEASURES: SEDIMENT BASINS AND TRAPS, PERIMETER BERMS, FILTER FENCES, BERMS, SEDIMENT BARRIERS, VEGETATIVE BUFFERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT AND/OR PREVENT THE TRANSPORT OF SEDIMENT INTO WATERS OF THE STATE OR NEIGHBORING PROPERTIES SHALL BE INSTALLED, CONSTRUCTED OR, IN THE CASE OF VEGETATIVE BUFFERS, PROTECTED FROM DISTURBANCE, AS A FIRST STEP IN THE LAND ALTERATION PROCESS.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE NECESSARY DEWATERING PERMITS FROM THE LOCAL WATER MANAGEMENT DISTRICT OR OTHER REGULATORY AGENCY.
- WHERE PUMPS ARE TO BE USED TO REMOVE TURBID WATER FROM THE CONSTRUCTION AREA, THE WATER SHALL BE TREATED TO REDUCE TURBIDITY TO STATE WATER QUALITY STANDARDS PRIOR TO DISCHARGE. TREATMENT METHODS INCLUDE, FOR EXAMPLE, TURBID WATER BEING PUMPED INTO GRASSED SWALES OR APPROPRIATE VEGETATED AREAS (OTHER THAN UPLAND PRESERVATION AREAS AND WETLAND BUFFERS), SEDIMENTS BASINS, FILTER BAGS, OR AREAS CONFINED BY AN APPROPRIATE ENCLOSURE SUCH AS TURBIDITY BARRIERS, AND KEPT CONFINED UNTIL ITS TURBIDITY LEVEL MEETS STATE WATER QUALITY STANDARDS.
- IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION, OR OTHER ACCEPTABLE METHODS.
- WHERE APPLICABLE, SOIL TRACKING PREVENTION DEVICES SHALL BE PROVIDED AND MAINTAINED PER PINELLAS COUNTY EROSION & SEDIMENT CONTROL DETAILS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SPECIFY ACTUAL QUANTITIES AND COSTS ASSOCIATED WITH THIS SPECIFIC EROSION CONTROL IMPLEMENTATION SCHEDULE. EROSION CONTROL ITEMS MAY BE ADDED OR DELETED FROM THE PAY ITEM LIST AS THE EROSION CONTROL IMPLEMENTATION SCHEDULE PROVIDED BY THE CONTRACTOR IS MODIFIED TO MEET SITE SPECIFIC CONDITIONS.
- ALL EROSION CONTROL FENCES, BARRIERS, AND SILTATION DEVICES SHALL BE ERECTED PRIOR TO ANY LAND ALTERATIONS, SHALL BE MAINTAINED IN GOOD WORKING ORDER DURING CONSTRUCTION, AND REMOVED FOLLOWING SOIL STABILIZATION AND FINAL DRESSING. STOCKPILE AREAS SHALL INCLUDE SILT FENCING AROUND THE PERIMETER.
- THE CONTRACTOR SHALL NOT RESTRICT OR BLOCK THE EXISTING DRAINAGE FLOW OVERLAND OR WITHIN RESHAPED SWALES. FLOW WITHIN EXISTING DRAINAGE PIPES SHALL BE MAINTAINED AT ALL TIMES. STORMWATER WILL BE CONVEYED VIA EXISTING SWALES, DITCHES, OR PROPOSED DITCHES, EXISTING AND PROPOSED STORM SEWERS.
- THERE IS TO BE NO DISCHARGE (I.E. PUMPING, SHEET FLOW, SWALE, DITCH, ETC.) INTO EXISTING DITCHES OR CANALS WITHOUT THE USE OF SETTLING PONDS. IF THE CONTRACTOR DESIRES TO DISCHARGE INTO EXISTING DITCHES OR CANALS A SETTLING POND PLAN PREPARED BY THE CONTRACTOR MUST BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD PRIOR TO CONSTRUCTION.
- DURING DEWATERING OPERATIONS, THE CONTRACTOR SHALL NOT DISCHARGE DIRECTLY TO RECEIVING WATERS, EXISTING CONVEYANCES TO RECEIVING WATERS, OR WETLAND SYSTEMS. TEMPORARY SEDIMENT BASINS, TRAPS, OR SILTATION REDUCTION DEVICES SHALL BE UTILIZED TO COLLECT THE DISCHARGE FROM DEWATERING ACTIVITIES TO ELIMINATE THE POTENTIAL FOR OFF-SITE SEDIMENT TRANSPORT AND TO INSURE THAT DIRECT DISCHARGE DOES NOT OCCUR.
- BANKS SHALL BE PROTECTED FROM EROSION OR COLLAPSE DURING CONSTRUCTION. BANK PROTECTION MATERIAL SHALL BE CAREFULLY PLACED FROM THE BANK AND NOT DUMPED FROM ABOVE IN AN UNCONTROLLED MANNER. EROSION CONTROL FABRIC SHALL BE USED FOR EROSION PROTECTION WHERE SOD WILL NOT HOLD OR BECOME ESTABLISHED IN TIME TO PROTECT THE BANKS. UNLESS OTHERWISE SPECIFIED IN THE PLANS, UPON COMPLETION OF CONSTRUCTION, ALL BANKS AND WATERWAYS SHALL BE RESTORED TO THEIR PRE-CONSTRUCTION CONFIGURATION AND PROTECTED FROM EROSION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING POND FILTRATION SYSTEMS FROM BEING CLOGGED. IF FILTER MATERIAL IS CONTAMINATED, IT SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

UTILITIES

- EXCEPT WHERE THE PLANS AND SPECIFICATIONS PROVIDE THAT SUCH WORK SHALL BE PERFORMED UNDER THE CONTRACT FOR THIS PROJECT, ALL UTILITIES INTERFERING WITH CONSTRUCTION SHALL BE REMOVED, RELOCATED, OR ADJUSTED BY THEIR OWNERS, AT THEIR EXPENSE. THE CONTRACTOR SHALL ARRANGE THEIR SCHEDULE TO ALLOW UTILITY OWNERS TIME FOR THE NECESSARY RELOCATION AND ADJUSTMENT OF UTILITIES AND RELATED STRUCTURES. THE OWNERS HAVING LINES AND FACILITIES ARE INCLUDED BUT NOT LIMITED TO THE FOLLOWING:  
  
CLEARWATER GAS  
DUKE ENERGY  
FRONTIER COMMUNICATIONS  
KNOLOGY BROADBAND OF FL  
CHARTER COMMUNICATIONS  
CITY OF TARPON SPRINGS  
PINELLAS COUNTY UTILITIES  
PINELLAS COUNTY HIGHWAY ENGINEERING  
MCI
- ABOVE GROUND AND/OR UNDERGROUND UTILITIES MAY BE IN THE AREA OF THIS PROJECT - PROCEED WITH CAUTION - THE CONTRACTOR SHALL CALL "SUNSHINE STATE ONE CALL" AND THE UTILITY OWNERS IN ADVANCE OF BEGINNING WORK, IN ACCORDANCE WITH CHAPTER 556, FLORIDA STATUTES, UNDERGROUND FACILITY DAMAGE PREVENTION & SAFETY. ALL UTILITY OWNERS MAY NOT BE A MEMBER, REQUIRING DIRECT CONTACT. THE CONTRACTOR SHALL FURTHER COORDINATE WITH UTILITY OWNERS TO RESOLVE CONFLICTS THAT MAY ARISE IN THE FIELD DURING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY UTILITIES DAMAGED AS A RESULT OF THE CONTRACTOR'S FAILURE TO CALL "SUNSHINE STATE ONE CALL" AND THE UTILITY OWNERS.
- THE CONTRACTOR IS REQUIRED TO COORDINATE AND/OR PROVIDE FOR THE BRACING/SUPPORT OF EXISTING UTILITY POLES WITH THE UTILITY OWNERS, PRIOR TO THE COMMENCEMENT OF EXCAVATION/CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY FACILITIES AS REQUIRED TO ISOLATE PIPELINES INSTALLED UNDER THIS CONTRACT FOR THE PERFORMANCE OF TESTING UNDER THIS CONTRACT. LIKEWISE, PROVIDE TEMPORARY FACILITIES AS REQUIRED TO MAINTAIN WASTEWATER SERVICE THROUGHOUT THE CONSTRUCTION PERIOD.
- ALL CONSTRUCTION WITHIN THE RIGHT-OF-WAY WILL BE IN ACCORDANCE WITH THE PRACTICES REQUIRED BY CITY OF TARPON SPRINGS LAND DEVELOPMENT CODE, ALONG WITH THE FDOT UTILITY ACCOMMODATION MANUAL.
- CONTRACTOR WILL NOTIFY THE RESPONSIBLE UTILITY FOR RELOCATION OF METER BOXES FOR DRINKING WATER AND RECLAIMED WATER SERVICES.

MAINTENANCE OF TRAFFIC

- CONTRACTOR SHALL MAINTAIN MAINTENANCE OF TRAFFIC USING THE LATEST EDITION OF THE FDOT STANDARD PLANS DESIGN STANDARDS INDEX 102-600, 102-601, 102-602, 102-603, 102-604, 102-605, 102-625, AND 102-660.

SUPPLEMENTARY GENERAL NOTES:

- THE INFORMATION PROVIDED IN THESE PLANS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF CONDITIONS WHICH WILL BE ENCOUNTERED DURING THE COURSE OF THE WORK. THE CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING TO CONDUCT WHATEVER INVESTIGATIONS THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSION REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH THEIR BIDS WILL BE BASED.
- THE CONTRACTOR SHALL NOTIFY THE CLIENT AND ENGINEER IMMEDIATELY TO REPORT ANY CONFLICTS BETWEEN WHAT IS SHOWN HEREIN AND ACTUAL CONDITIONS DISCOVERED DURING CONSTRUCTION.
- THE CONTRACTOR, WORKING WITH THE CITY OF TARPON SPRINGS, SHALL COORDINATE THE SHUTDOWN, STARTUP AND/OR PARTIAL INTERFERENCE WITH ONGOING SYSTEM OPERATIONS. SEE THE CONTRACT SPECIAL PROJECT PROCEDURES FOR SPECIFIC REQUIREMENTS.
- THE CONTRACTOR IS FULLY RESPONSIBLE FOR ALL SAFETY PROCEDURES AND REQUIREMENTS. SPECIAL ATTENTION SHALL BE PAID TO OSHA CONFINED SPACE ENTRY REQUIREMENTS.
- THE MINIMUM HORIZONTAL SEPARATION BETWEEN POTABLE WATER MAINS AND SANITARY SEWERS SHALL BE 6- FEET FACE-TO-FACE UNLESS OTHERWISE SPECIFICALLY CALLED OUT ON THE DRAWINGS OR ALLOWED BY THE PROJECT PERMITS. ALTERNATE PIPE MATERIAL OR CONCRETE ENCASEMENT SHALL BE UTILIZED AS SHOWN ON THE DRAWINGS OR DIRECTED BY THE ENGINEER.
- THE MINIMUM VERTICAL SEPARATION BETWEEN THE PROPOSED MAINS AND ALL OTHER UTILITY CROSSINGS SHALL BE 12 INCHES FACE-TO-FACE UNLESS OTHERWISE SPECIFICALLY CALLED OUT ON THE DRAWINGS.
- WHERE THE MINIMUM REQUIRED VERTICAL SEPARATION CANNOT BE MAINTAINED, THE CROSSING SHALL BE ARRANGED SUCH THAT THE NEW MAIN JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING.
- A 36" MINIMUM DEPTH OF COVER SHALL BE PROVIDED UNLESS OTHERWISE SHOWN ON THE DRAWINGS OR DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE SUPPORT FOR UTILITY POLES WHERE CONSTRUCTION MAY CAUSE THE POLE TO LOSE ITS SUPPORT. CONTRACTOR SHALL COORDINATE WITH THE POWER COMPANY TO SUPPORT POLES AS NECESSARY FOR CONSTRUCTION OF FACILITIES.

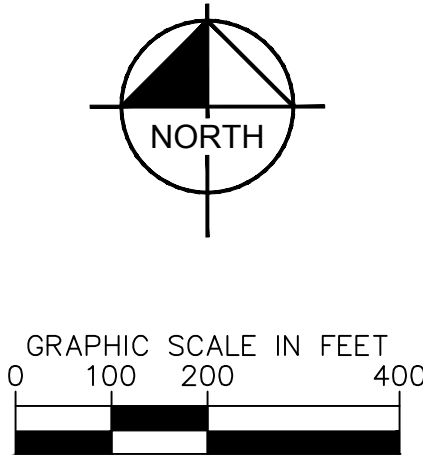
- THE CONTRACTOR SHALL PROVIDE ALL REQUIRED SHEETING AND TRENCH SHORING REQUIRED TO PROTECT EXISTING UTILITIES, ROADS, AND OTHER FACILITIES INTENDED TO REMAIN IN SERVICE.
- THE CONTRACTOR SHALL EMPLOY THE SERVICES OF A SURVEYOR REGISTERED IN THE STATE OF FLORIDA TO ESTABLISH THE PROPOSED, RIGHT-OF-WAY LINES, BASE LINES, BENCH MARKS (ELEVATION), CENTER LINES, AND STATIONING AS REQUIRED TO CONSTRUCT THIS PROJECT.
- THE CONTRACTOR SHALL COMPLY WITH THE "TRENCH SAFETY ACT", CHAPTER 90-96 STATUTES. THE CONTRACTOR SHALL INSTALL BARRIER WALLS, SHEETING, SHORING, ETC. THAT COMPLIES WITH THE LATEST FDOT STANDARDS AND OSHA REQUIREMENTS AROUND ALL HDD ENTRY/EXIT PITS AND EQUIPMENT PITS.
- SPECIAL PIPE FOUNDATIONS, IF REQUIRED, SHALL BE DETERMINED IN THE FIELD AND THE TYPE REQUIRED WILL BE AS DIRECTED BY THE COUNTY'S REPRESENTATIVE.
- FINISHED GRADE FOR FOUND ELEVATIONS ON DRAWINGS REFER TO GRADE AFTER SODDING.
- ALL WORK SHOWN ON THESE DRAWINGS IS TO BE CONSTRUCTED WITHIN PUBLIC RIGHT-OF-WAY OR EASEMENTS OF RECORD. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR ENCR OACH ON LAND OR CONSTRUCT ANY PART OF THE PROJECT OUTSIDE PUBLIC RIGHT-OF-WAY. EASEMENTS OF RECORD, OR PINELLAS COUNTY OWNED PROPERTY, UNLESS OTHERWISE SHOWN ON THE DRAWINGS. ANY CONFLICT BETWEEN PUBLIC RIGHT-OF-WAY, EASEMENTS OF RECORD, OR PINELLAS COUNTY OWNED PROPERTY AS SHOWN ON THE DRAWINGS AND THOSE ESTABLISHED IN THE FIELD SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE COUNTY'S REPRESENTATIVE FOR RESOLUTION.
- ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.
- THE CONTRACTOR SHALL FIELD VERIFY ANY AND ALL EXISTING CONDITIONS PRIOR TO COMMENCING CONSTRUCTION, AND SHALL NOTIFY THE ENGINEER PROMPTLY OF ANY DISCREPANCIES.
- THE CONTRACTOR MUST COORDINATE THE RELOCATION OF ALL WATER, SANITARY SEWER, OR OTHER UTILITIES WITH THE OWNER.
- THE CONTRACTOR MUST USE EXTREME CARE IN THE INSTALLATION OF STRUCTURES AND PIPING, DUE TO THE CLOSE PROXIMITY OF OVERHEAD AND UNDERGROUND POWER LINES.
- SEPARATE PAYMENT SHALL BE MADE ONLY FOR THE ITEMS OF WORK LISTED AND IDENTIFIED BY THE APPROPRIATE PAY ITEM ON THE BID FORM. THE COST OF ANY RELATED WORK NOT SPECIFICALLY IDENTIFIED, BUT WHICH IS REQUIRED FOR SATISFACTORY COMPLETION OF THE WORK, SHALL BE CONSIDERED TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPROPRIATE BID ITEM.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT ALL CONSTRUCTION ACTIVITIES SHALL CONFORM TO PINELLAS COUNTY CODE, CHAPTER 58, ENVIRONMENT, ARTICLE XII - NOISE, SECTION 58-441 THROUGH 58-454.
- THE CONTRACTOR IS RESPONSIBLE TO PRACTICE AND ENFORCE ALL LOCAL AND STATE JOB AND CONSTRUCTION SAFETY LAWS AND REGULATIONS, ESPECIALLY OSHA, WITH REGARDS TO CONSTRUCTION PRACTICES AND PROCEDURES. ANY VIOLATION OF THESE LAWS WILL BE REPORTED TO THE AUTHORITIES.

GROUNDWATER / DEWATERING NOTE:  
THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.



SCALE		DESIGNED BY	JWW	DRAWN BY	SLB	CHECKED BY	NEW	DATE	09/14/2021	PROJECT NO.	145062001	SHEET NUMBER	C-002
DESIGN ENGINEER		JORDAN W. WALKER, P.E.		FLORIDA REGISTRATION NUMBER		78652		DATE		NEW		REVISIONS	
Kimley»Horn		© 2021 KIMLEY-HORN AND ASSOCIATES, INC.		605 NORTH FRANKLIN STREET, SUITE 150, TAMPA, FL 33602		PHONE: 813-620-1460		WWW.KIMLEY-HORN.COM		REGISTRY NO. 698		No.	
MORGAN		ANCLOTE HARBOR		TARPON SPRINGS		FLORIDA		OFFSITE UTILITY GENERAL NOTES		DATE		BY	



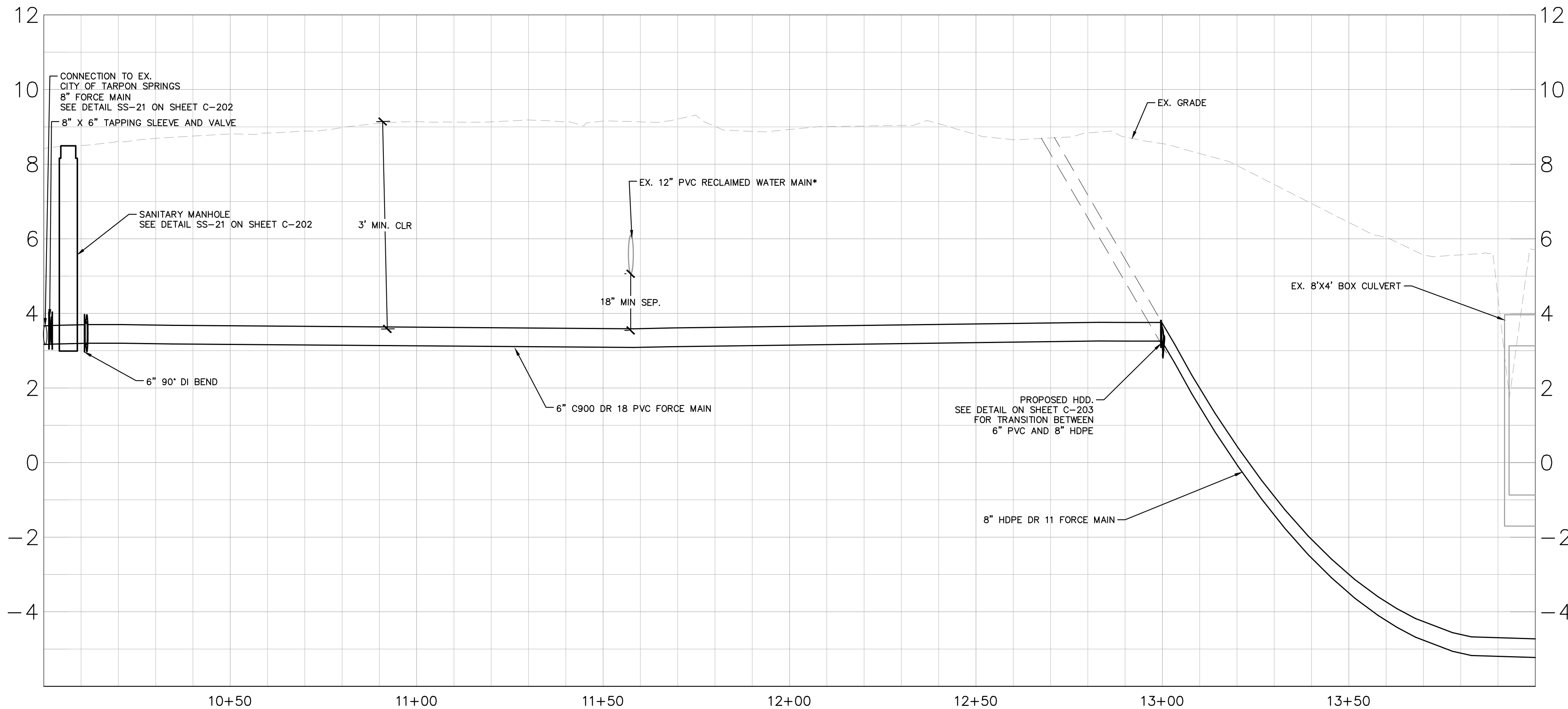
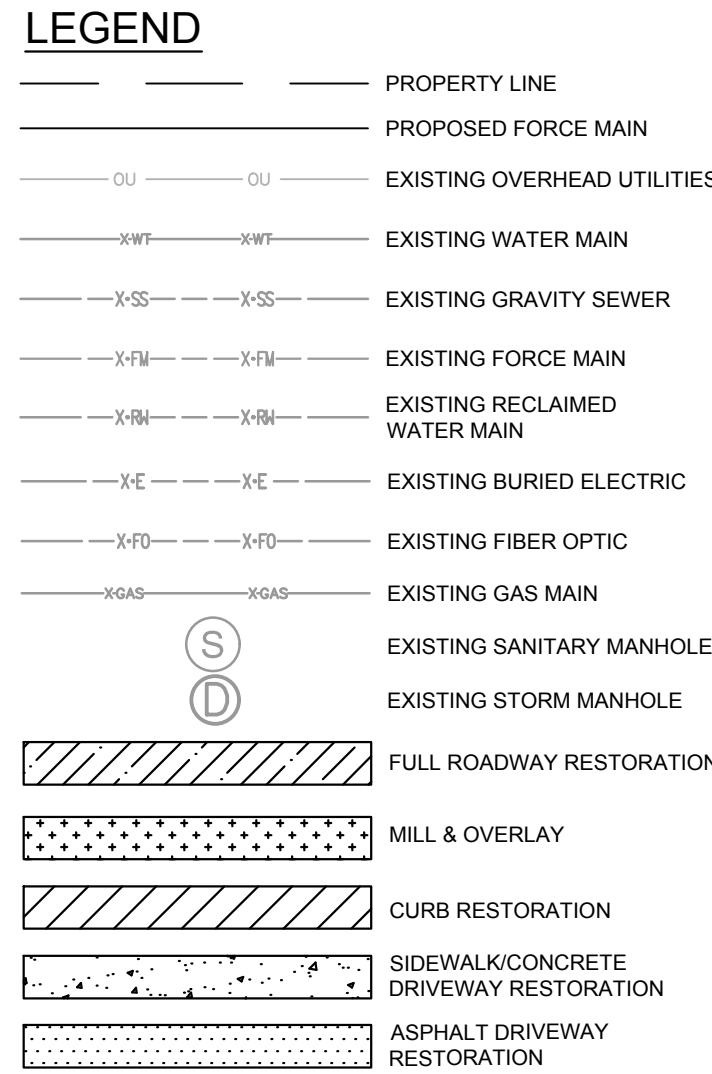
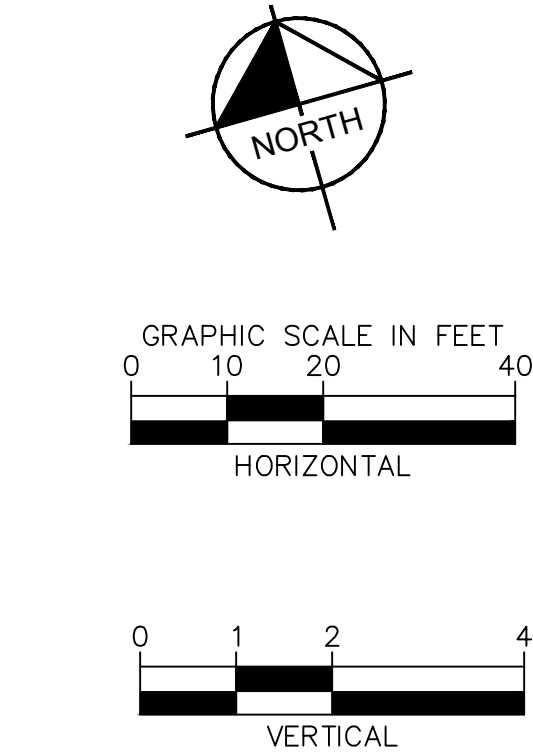
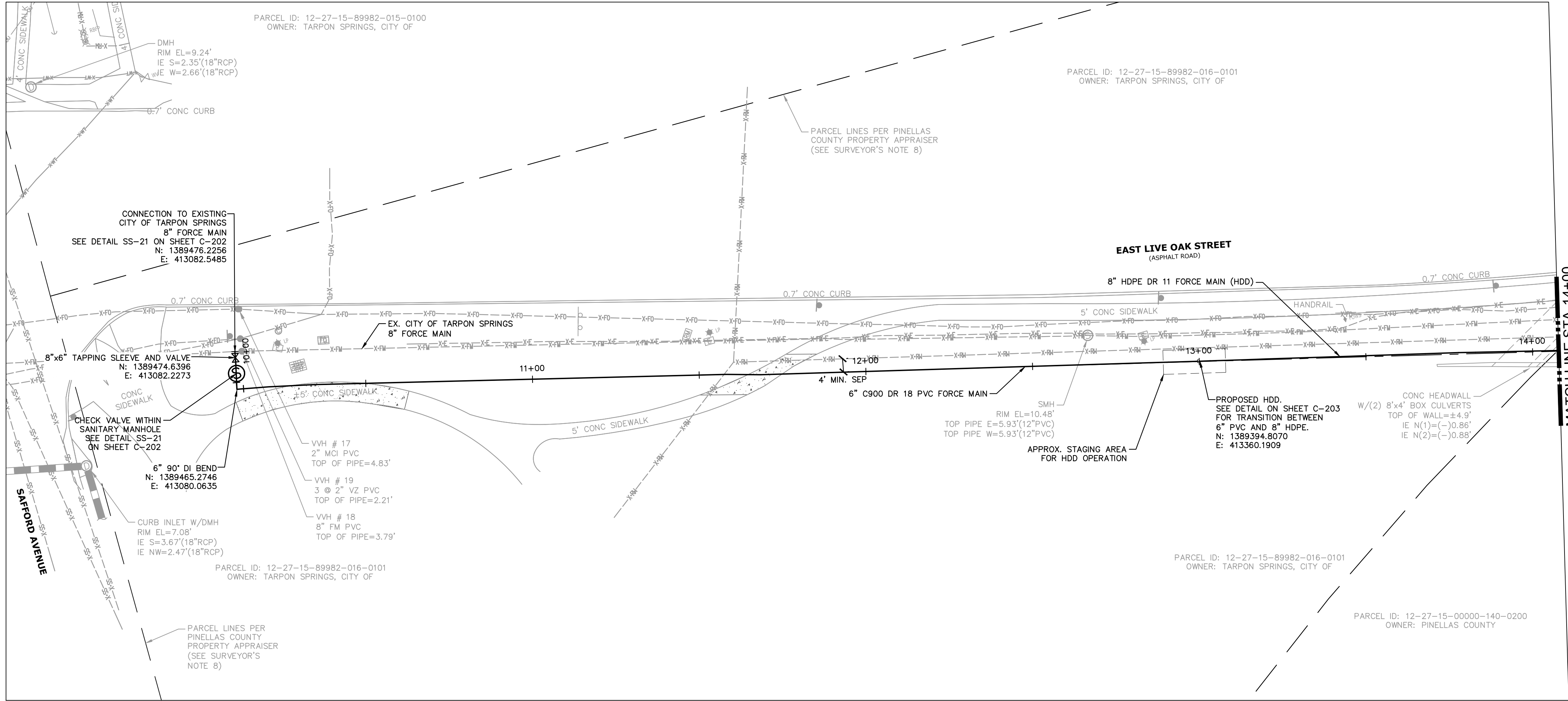


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MORGAN ANCLOTE HARBOR				FLORIDA	
DATE 09/14/2021					
PROJECT NO. 145062001					
SHEET NUMBER C-100					
TARPON SPRINGS					
OFFSITE FORCE MAIN KEY SHEET					
SCALE	DESIGNED BY JWW	FLORIDA REGISTRATION NUMBER: 78652		DESIGN ENGINEER: JORDAN W. WALKER, P.E.	
DRAWN BY SLB	CHECKED BY WEW	DATE:		Kimley»Horn © 2021 KIMLEY-HORN AND ASSOCIATES, INC. 655 NORTH FRANKLIN STREET, SUITE 150, TAMPA, FL 33602 PHONE: 813-620-1460 WWW.KIMLEY-HORN.COM    REGISTRY No. 696	
				No.	
				DATE	
				BY	
				REVISIONS	





\*NOTES:

THE ELEVATIONS OF THE UTILITIES MARKED WITH AN ASTERISK (\*) HAVE BEEN ASSUMED ON THE BASIS OF TYPICAL ANTICIPATED SOIL COVERAGE. CONTRACTOR SHALL NOT RELY ON THIS INFORMATION FOR CONSTRUCTION, BUT SHALL BE RESPONSIBLE FOR FIELD LOCATIONS (HORIZONTAL AND VERTICAL) OF ALL UTILITIES CROSSING THE PROPOSED UTILITY MAINS. CONTRACTOR SHALL INCLUDE IN THE UNIT COST OF THE SUBJECT CONSTRUCTION, THE COST OF UTILITY ADJUSTMENTS NECESSARY TO ATTAIN DESIGN MINIMUM SEPARATION FOR UTILITIES CONFLICTING WITH THE CONSTRUCTION OF THE PROPOSED UTILITY MAINS. INTERRUPTIONS OF ANY EXISTING UTILITY SERVICES SHALL BE NOTICED TO EFFECTED CUSTOMERS A MINIMUM OF 48 HOURS IN ADVANCE AND SHALL NOT EXCEED 4 HOURS IN DURATION.

WHERE CONCRETE REPAIRS ARE NECESSARY AND EXPANSION JOINTS ARE PRESENT, CONTRACTOR TO REMOVE AND REPLACE CONCRETE UP TO THE NEXT EXPANSION JOINT; OTHERWISE, REPLACE CONCRETE AS NECESSARY.

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OFFSITE FORCE MAIN  
EXTENSION

MORGAN  
ANCLOTE HARBOR  
FLORIDA  
TARPON SPRINGS

DATE  
09/14/2021  
PROJECT NO.  
145062001  
SHEET NUMBER  
C-101

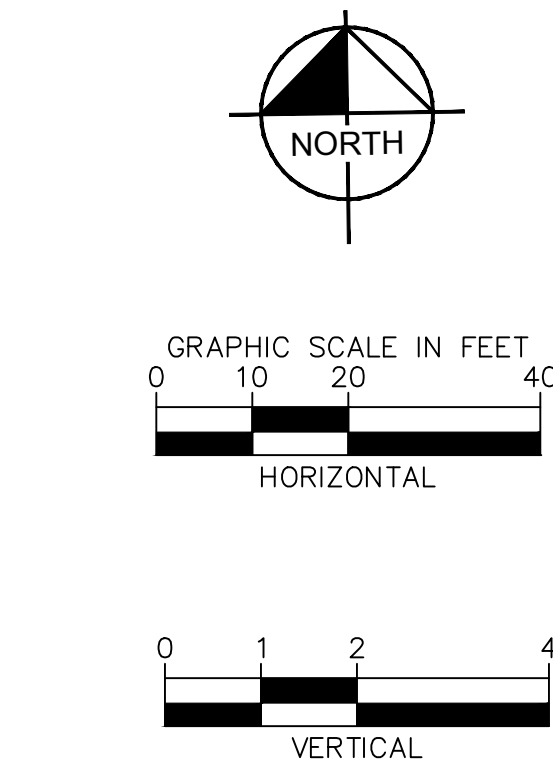
DESIGN ENGINEER:  
JORDAN W. WALKER, P.E.  
FLORIDA REGISTRATION NUMBER  
78652  
DATE:













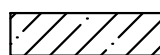
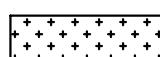
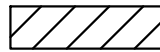
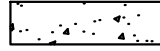
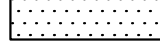
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JWW  
DRAWN BY  
SLB  
CHECKED BY  
VEW

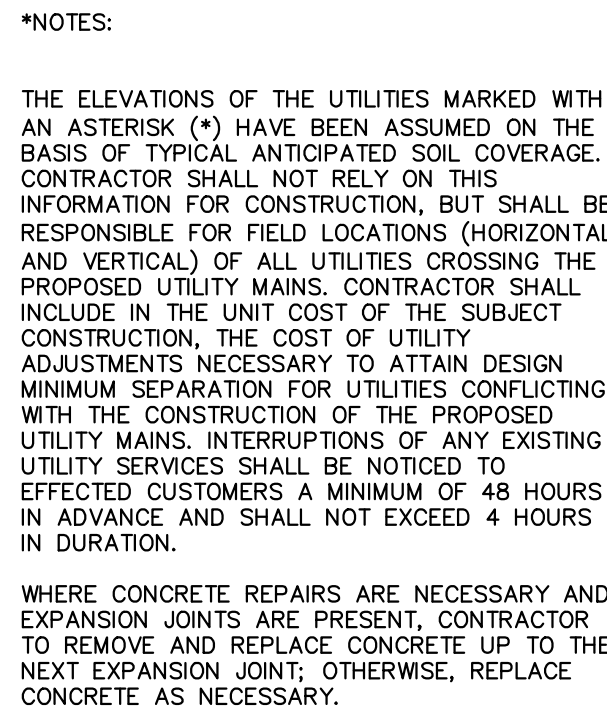
REVISIONS  
No. DATE BY

Kimley-Horn  
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PHONE: 813-620-1460  
WWW.KIMLEY-HORN.COM  
REGISTRY No. 696





- # LEGEND
- |   |  |
|---|--|
|    | PROPERTY LINE                          |
|    | PROPOSED FORCE MAIN                    |
|    | EXISTING OVERHEAD UTILITIES            |
|    | EXISTING WATER MAIN                    |
|    | EXISTING GRAVITY SEWER                 |
|    | EXISTING FORCE MAIN                    |
|    | EXISTING RECLAIMED WATER MAIN          |
|    | EXISTING BURIED ELECTRIC               |
|    | EXISTING FIBER OPTIC                   |
|    | EXISTING GAS MAIN                      |
|    | EXISTING SANITARY MANHOLE              |
|    | EXISTING STORM MANHOLE                 |
|    | FULL ROADWAY RESTORATION               |
|    | MILL & OVERLAY                         |
|    | CURB RESTORATION                       |
|   | SIDEWALK/CONCRETE DRIVEWAY RESTORATION |
|  | ASPHALT DRIVEWAY RESTORATION           |

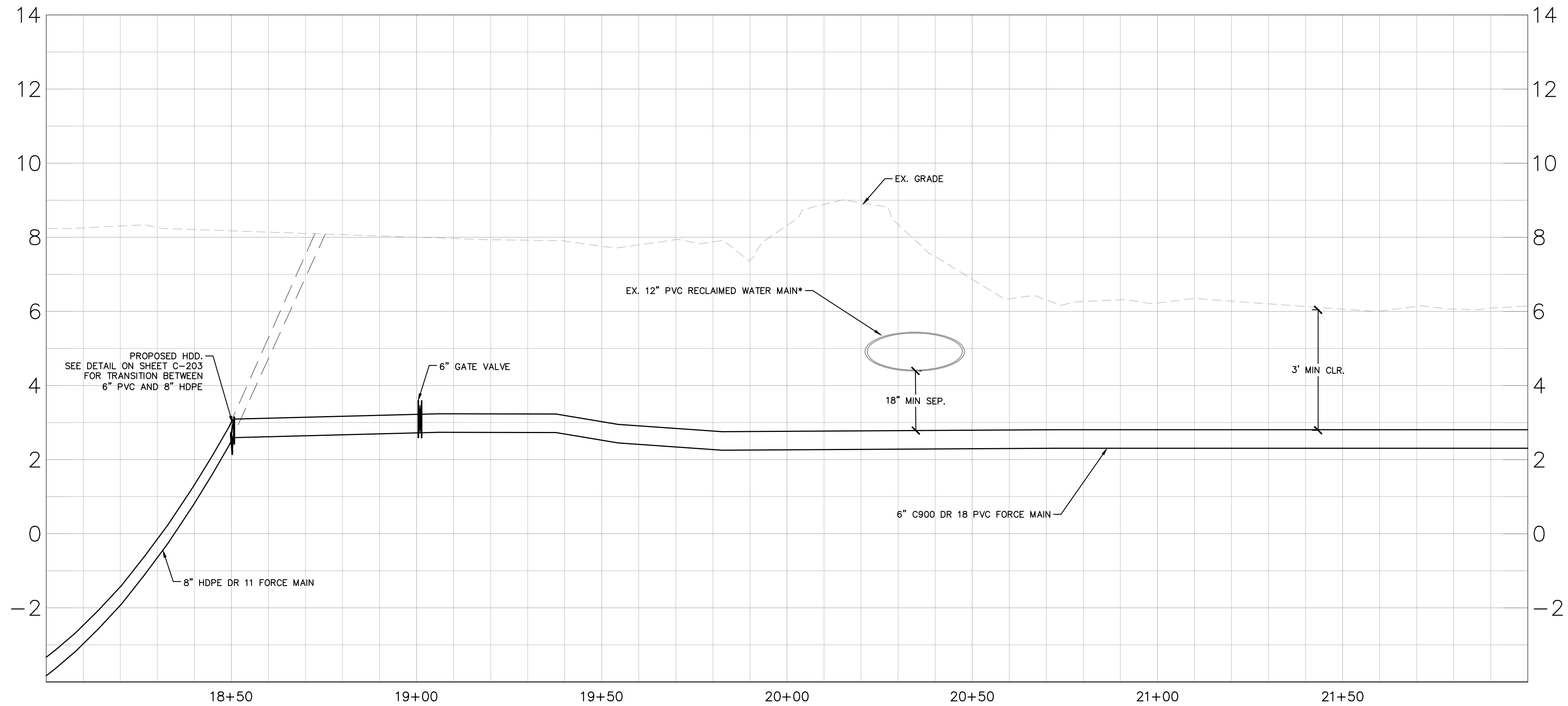
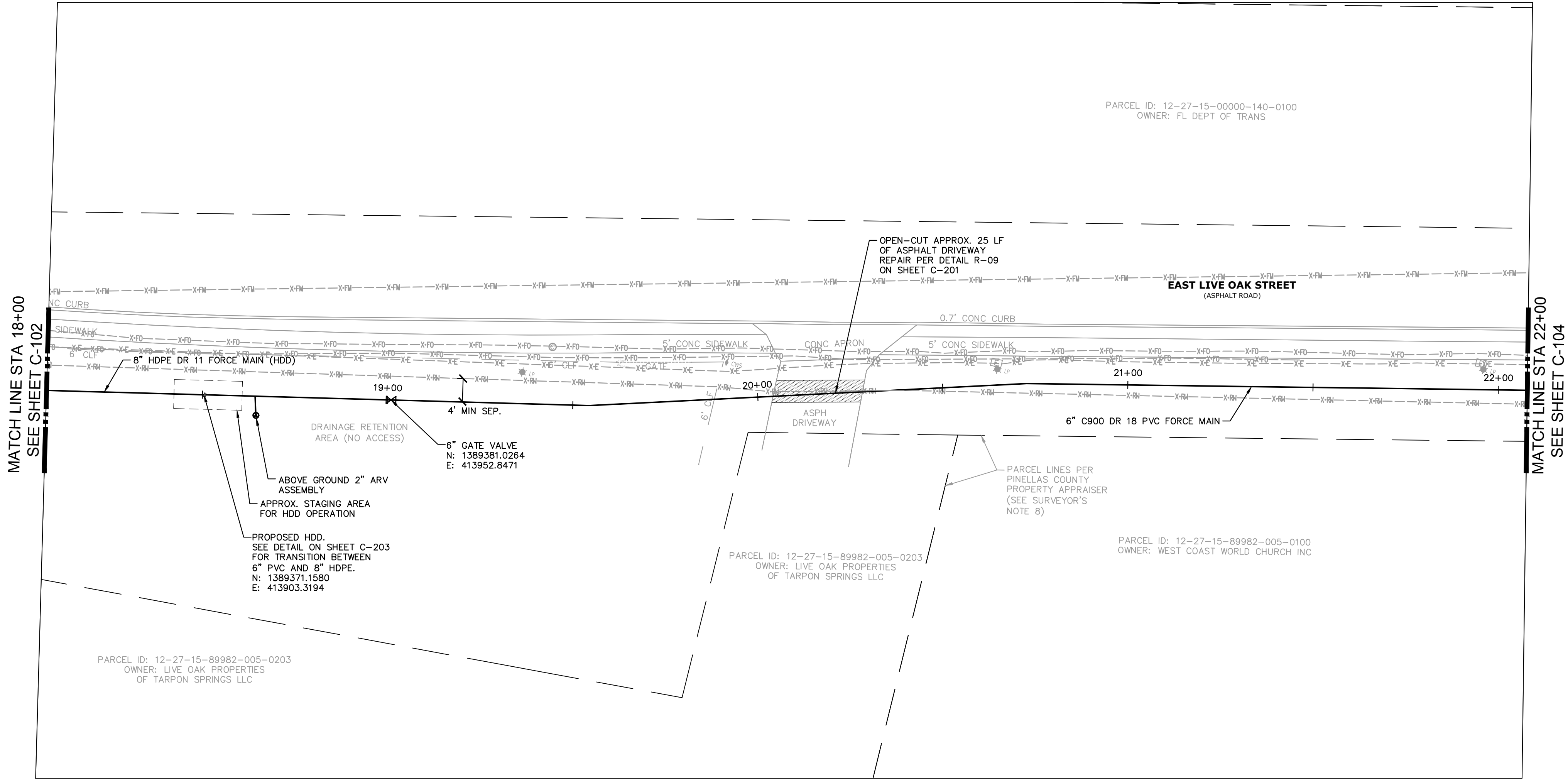


## GROUNDWATER / DEWATERING NOTE

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**GROUNDWATER / DEWATERING NOTE:**

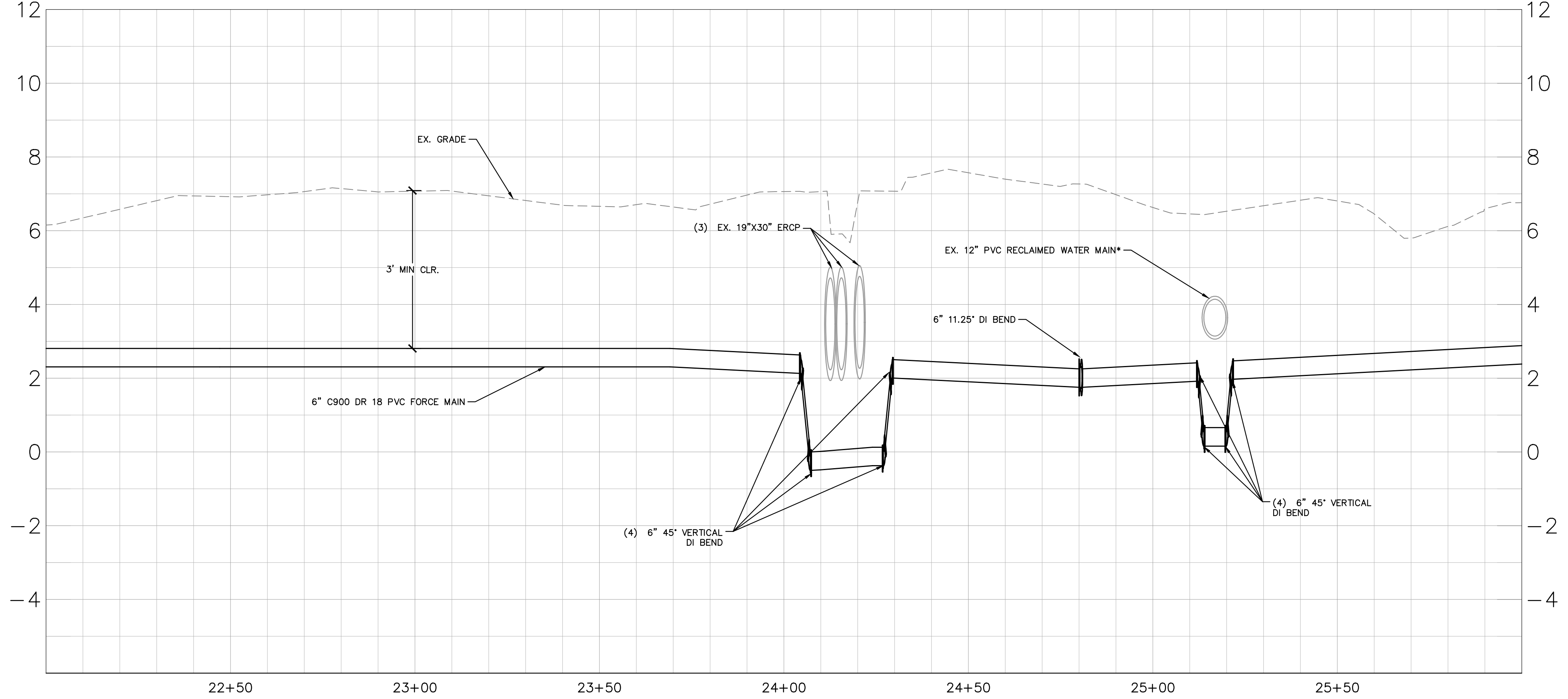
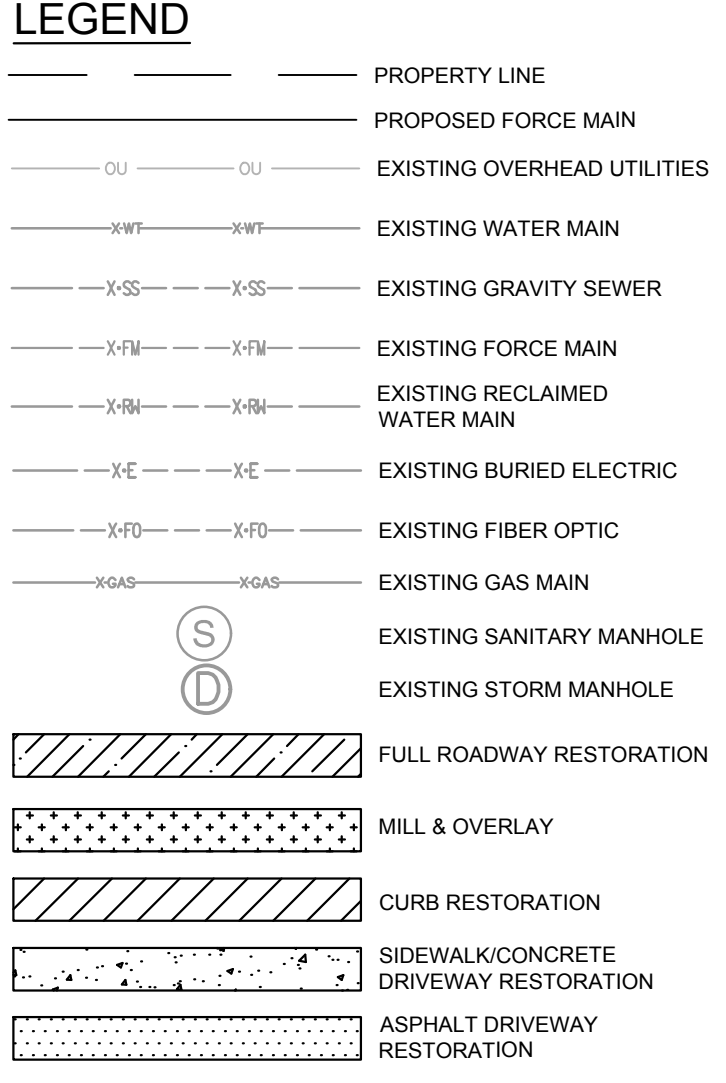
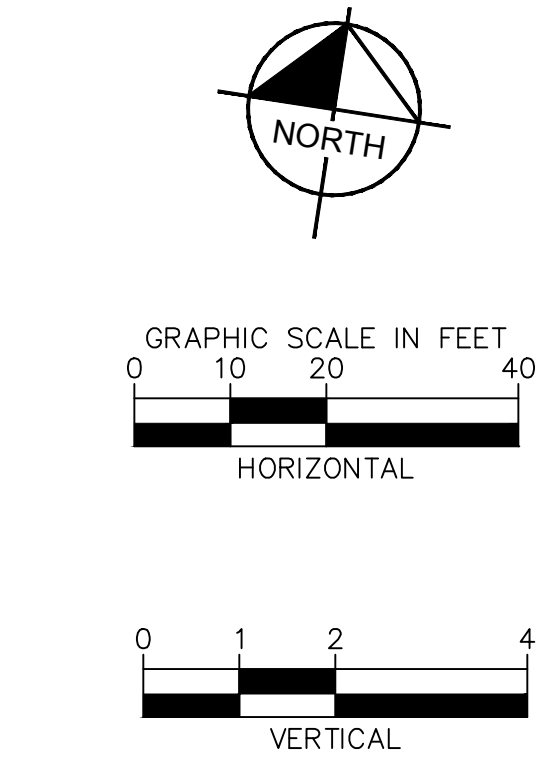
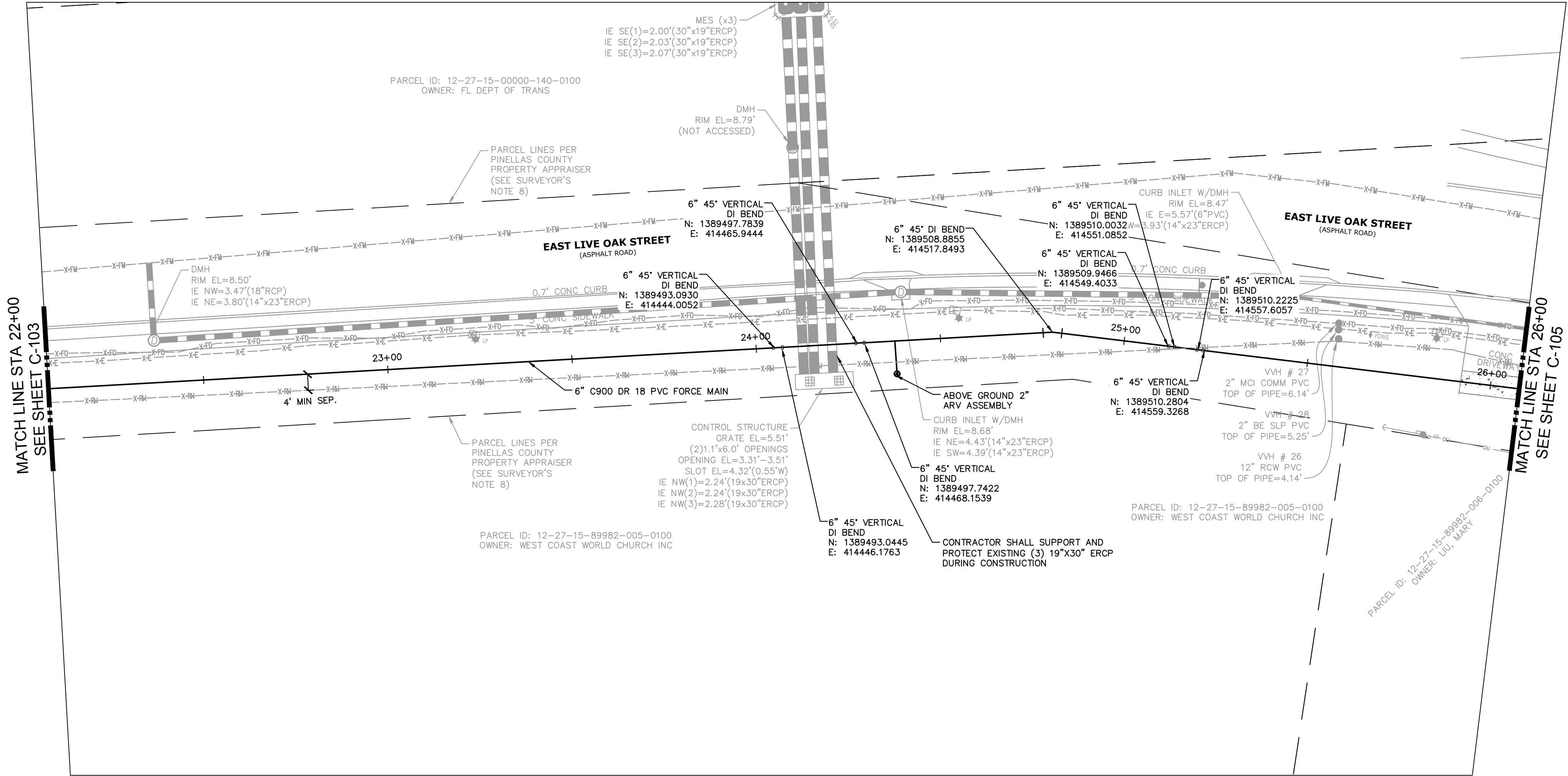
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DESIGN ENGINEER: JORDAN W. WALKER, P.E. FLORIDA REGISTRATION NUMBER 78652		DATE: 09/14/2021	
SCALE	DESIGNED BY JWW	DRAWN BY SLB	CHECKED BY VEW
MORGAN ANCLOTE HARBOR		FLORIDA TARPON SPRINGS	
PROJECT NO. 145062001		SHEET NUMBER C-103	
REVISIONS		DATE	
No.		By	

**Kimley»Horn**  
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**GROUNDWATER / DEWATERING NOTE:**

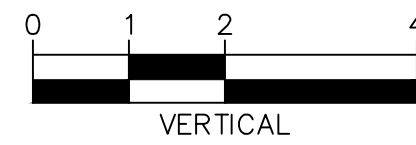
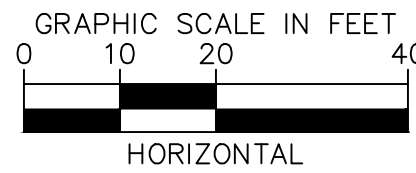
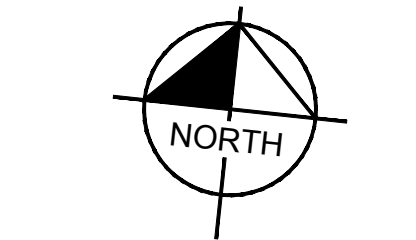
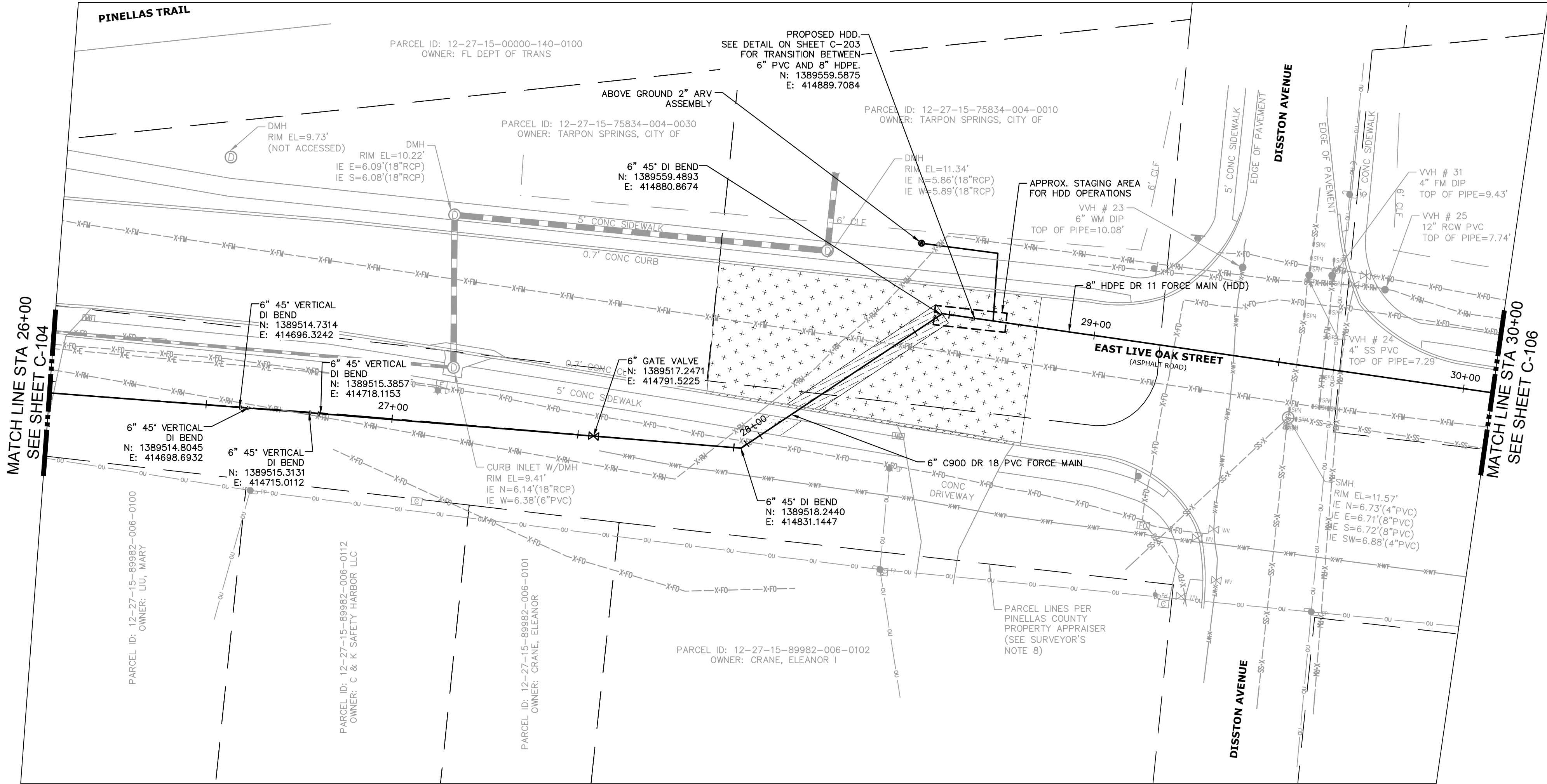
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DATE 09/14/2021		MORGAN ANCLOTE HARBOR		OFFSITE FORCE MAIN EXTENSION		DESIGN ENGINEER: JORDAN W. WALKER, P.E. FLORIDA REGISTRATION NUMBER: 78652		Kimley»Horn © 2021 KIMLEY-HORN AND ASSOCIATES, INC. 655 NORTH FRANKLIN STREET, SUITE 1500 TAMPA, FL 33602 PHONE: 813-620-1460 WWW.KIMLEY-HORN.COM    REGISTRY No. 696		No.	
SHEET NUMBER C-104		TARPON SPRINGS    FLORIDA		SCALE		DESIGNED BY JWW		DRAWN BY SLB		CHECKED BY JWW	
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										BY	





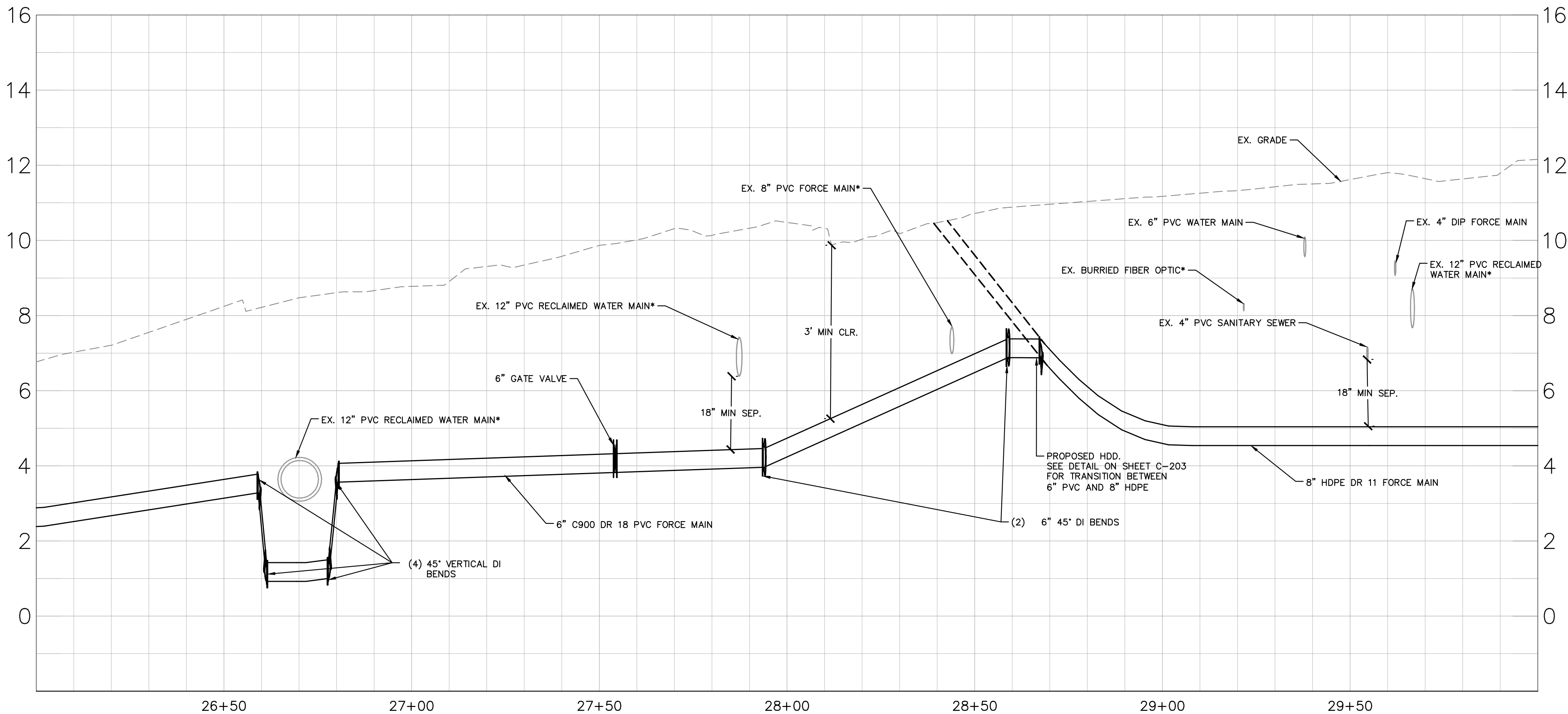
#### LEGEND

- PROPERTY LINE
- PROPOSED FORCE MAIN
- EXISTING OVERHEAD UTILITIES
- EXISTING WATER MAIN
- EXISTING GRAVITY SEWER
- EXISTING FORCE MAIN
- EXISTING RECLAIMED WATER MAIN
- EXISTING BURIED ELECTRIC
- EXISTING FIBER OPTIC
- EXISTING GAS MAIN
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- MILL & OVERLAY
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- ASPHALT DRIVEWAY RESTORATION

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**GROUNDWATER / DEWATERING NOTE:**  
THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.



## OFFSITE FORCE MAIN EXTENSION

MORGAN  
ANCLOTE HARBOR  
FLORIDA  
TARPON SPRINGS

DATE  
09/14/2021  
PROJECT NO.  
145062001  
SHEET NUMBER  
C-105

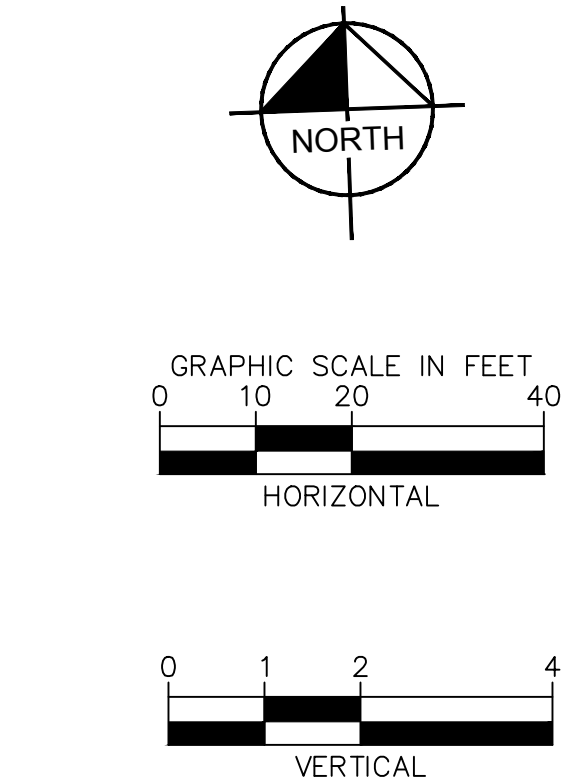
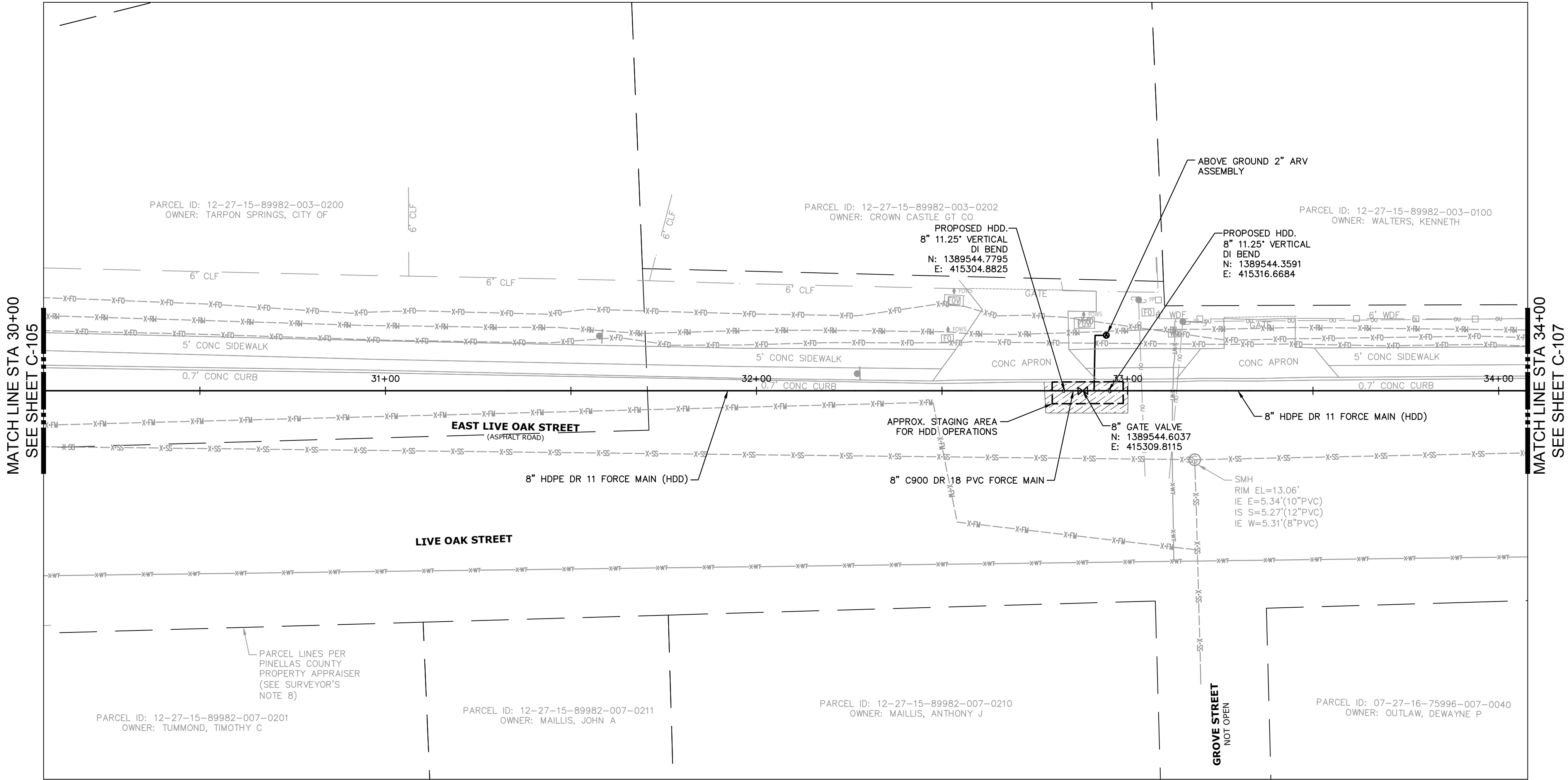
NO.	REVISIONS	DATE	BY

**Kimley»Horn**  
© 2021 KIMLEY-HORN AND ASSOCIATES, INC.  
655 NORTH FRANKLIN STREET, SUITE 500, TAMPA, FL 33602  
PHONE: 813-620-1460  
WWW.KIMLEY-HORN.COM REGISTRY No. 696

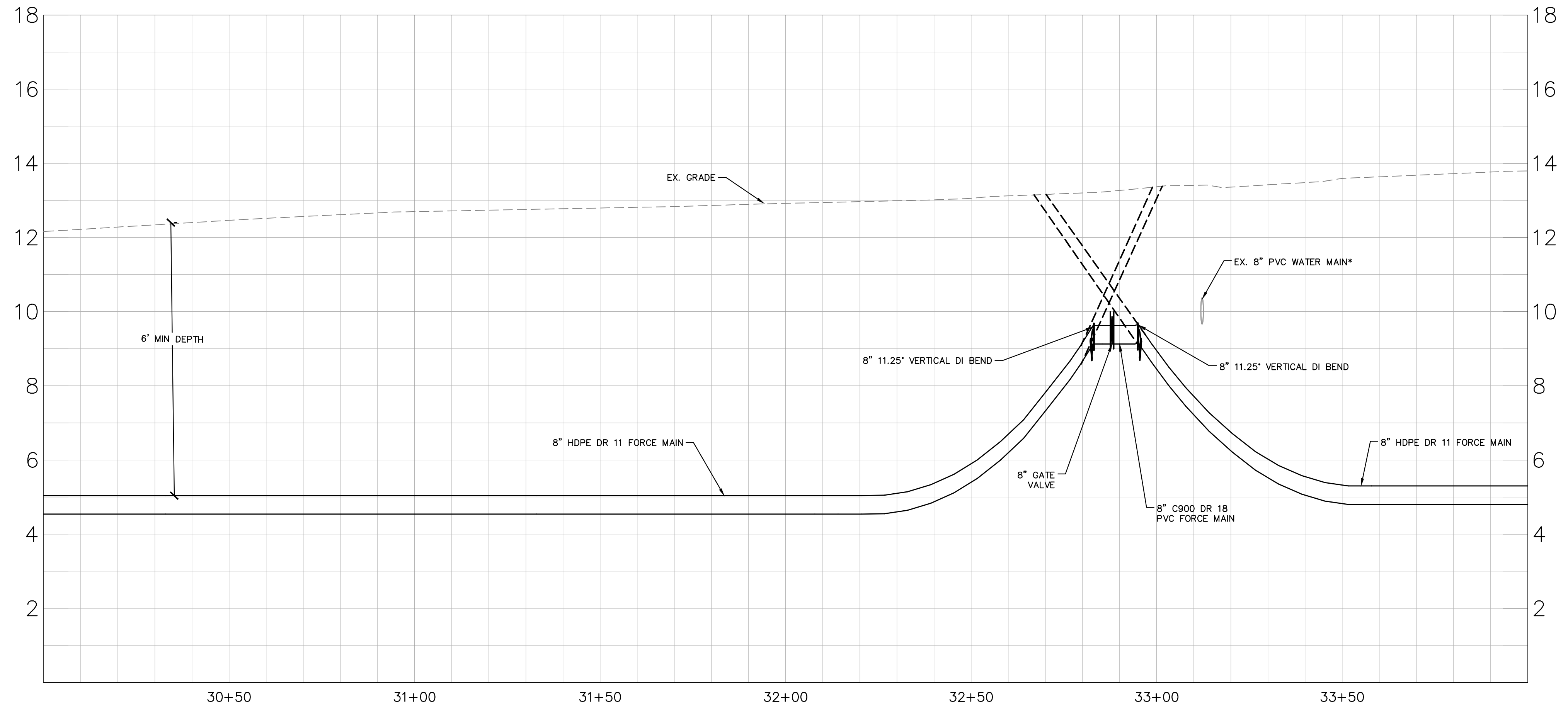
DESIGN ENGINEER:  
JORDAN W. WALKER, P.E.  
FLORIDA REGISTRATION NUMBER  
78652

SCALE  
DESIGNED BY: JWW  
DRAWN BY: SLB  
CHECKED BY: VEW  
DATE:





- LEGEND**
- PROPERTY LINE
  - PROPOSED FORCE MAIN
  - EXISTING OVERHEAD UTILITIES
  - EXISTING WATER MAIN
  - EXISTING GRAVITY SEWER
  - EXISTING FORCE MAIN
  - EXISTING RECLAIMED WATER MAIN
  - EXISTING BURIED ELECTRIC
  - EXISTING FIBER OPTIC
  - EXISTING GAS MAIN
  - EXISTING SANITARY MANHOLE
  - EXISTING STORM MANHOLE
  - FULL ROADWAY RESTORATION
  - MILL & OVERLAY
  - CURB RESTORATION
  - SIDEWALK/CONCRETE DRIVEWAY RESTORATION
  - ASPHALT DRIVEWAY RESTORATION



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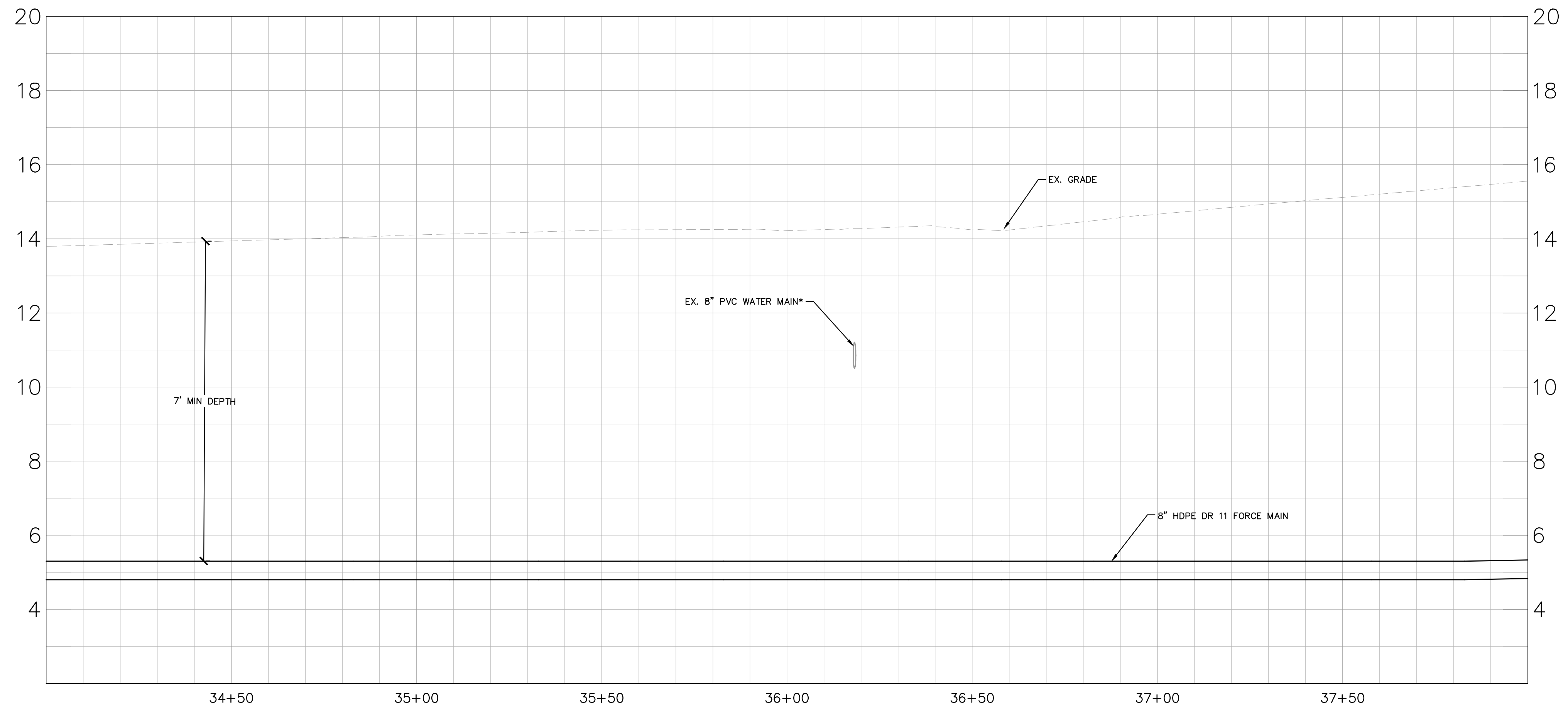
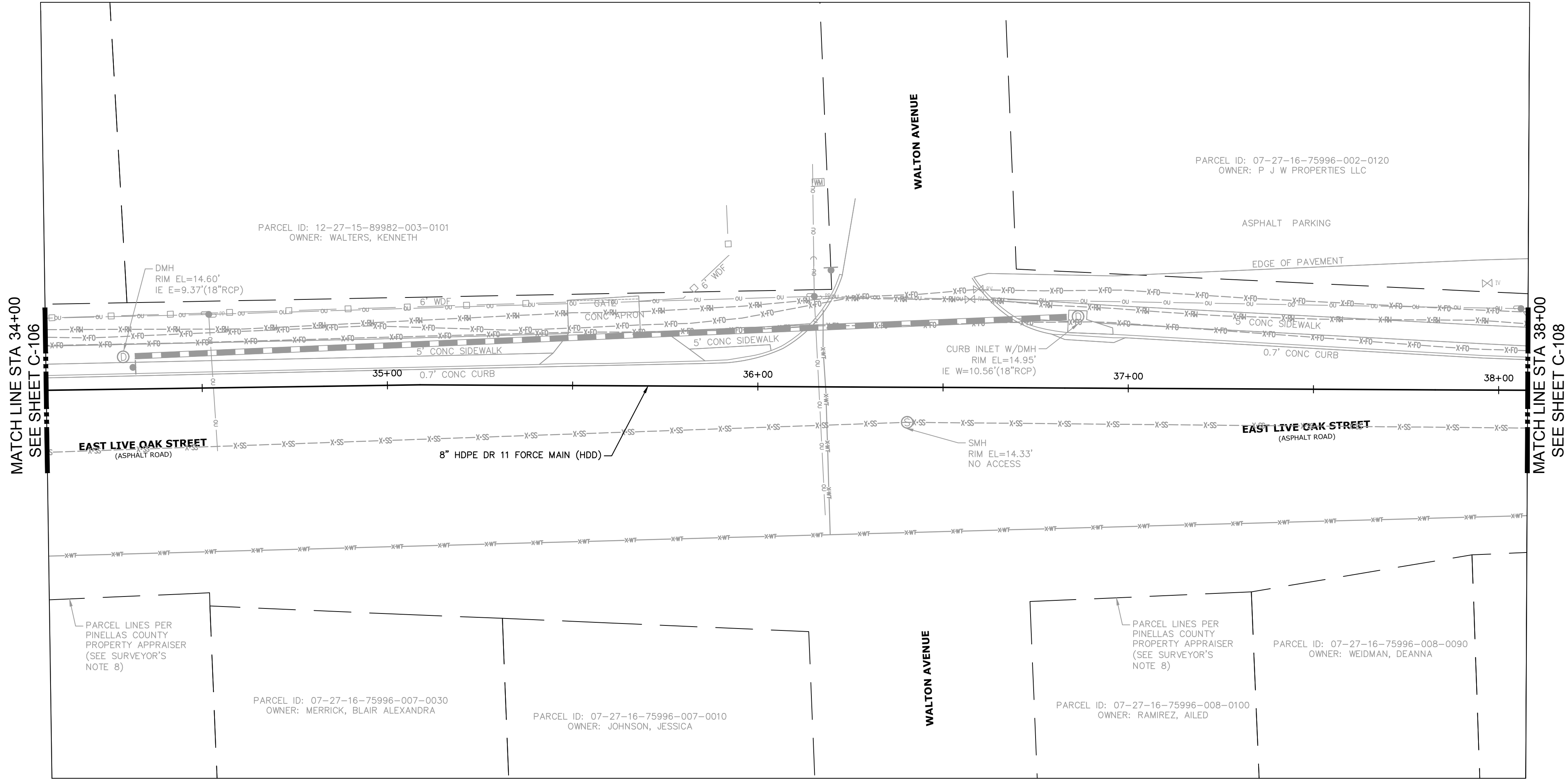
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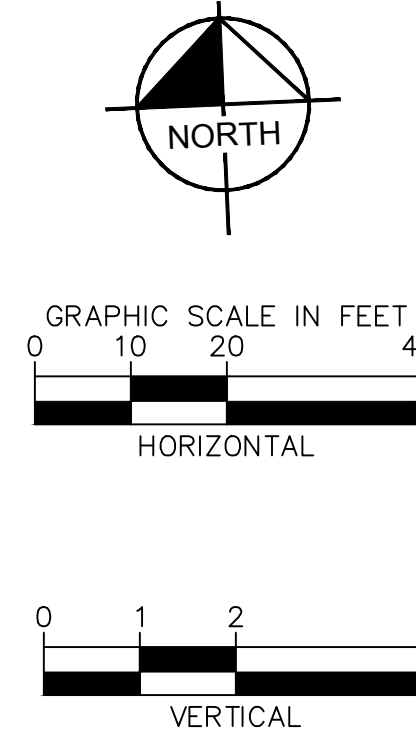
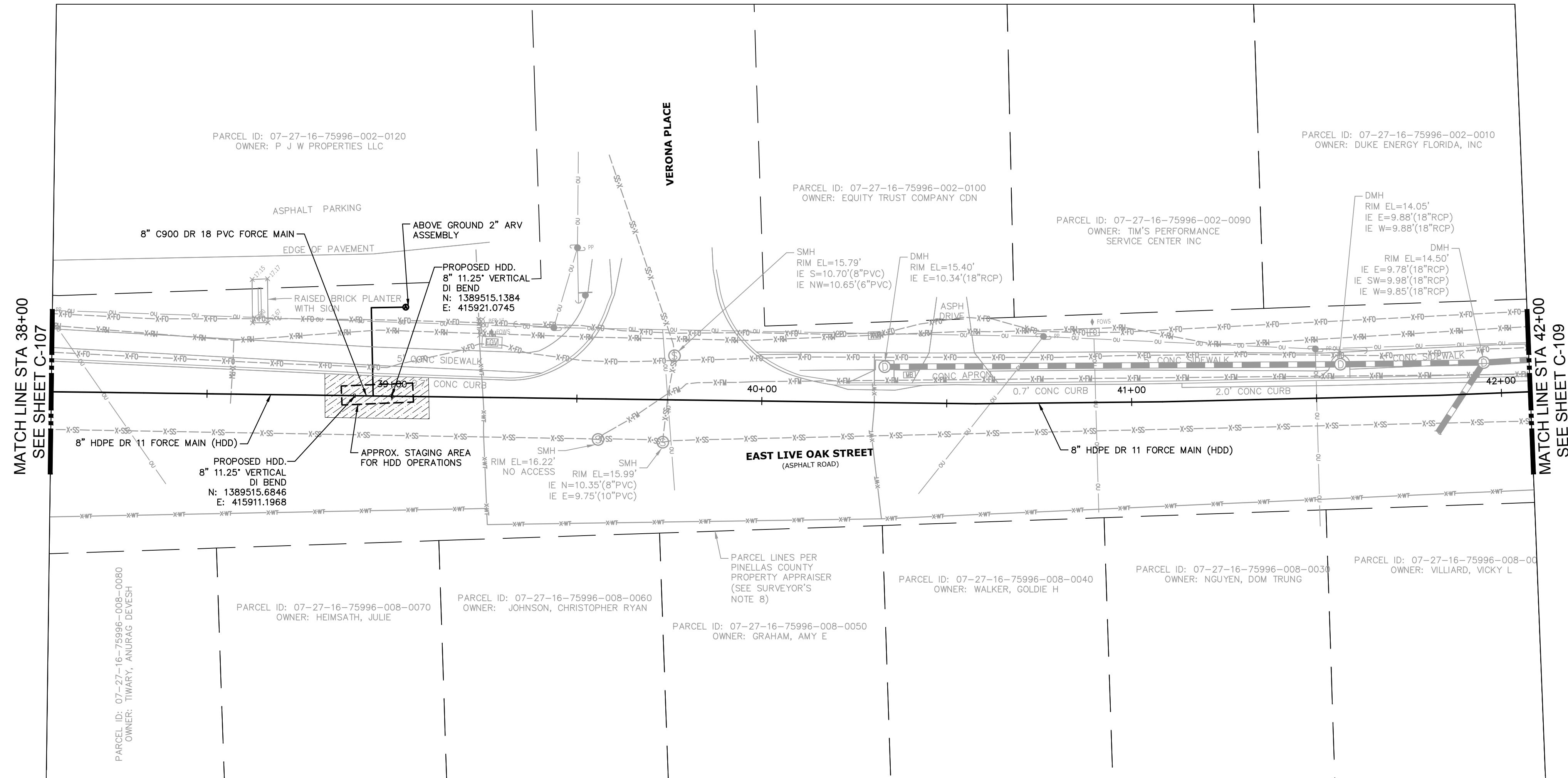
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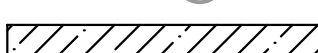
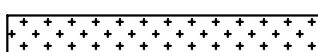

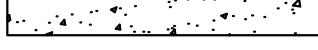



DESIGN ENGINEER: <b>JORDAN W. WALKER, P.E.</b> FLORIDA REGISTRATION NUMBER <b>78652</b>		DATE: <b>09/14/2021</b>	
SCALE	DESIGNED BY <b>JWW</b>	DRAWN BY <b>SLB</b>	CHECKED BY <b>VEW</b>
PROJECT NO. <b>145062001</b>		SHEET NUMBER <b>C-107</b>	
MORGAN ANCLOTE HARBOR FLORIDA		TARPON SPRINGS	
OFFSITE FORCE MAIN EXTENSION		REVISIONS	
DATE		BY	





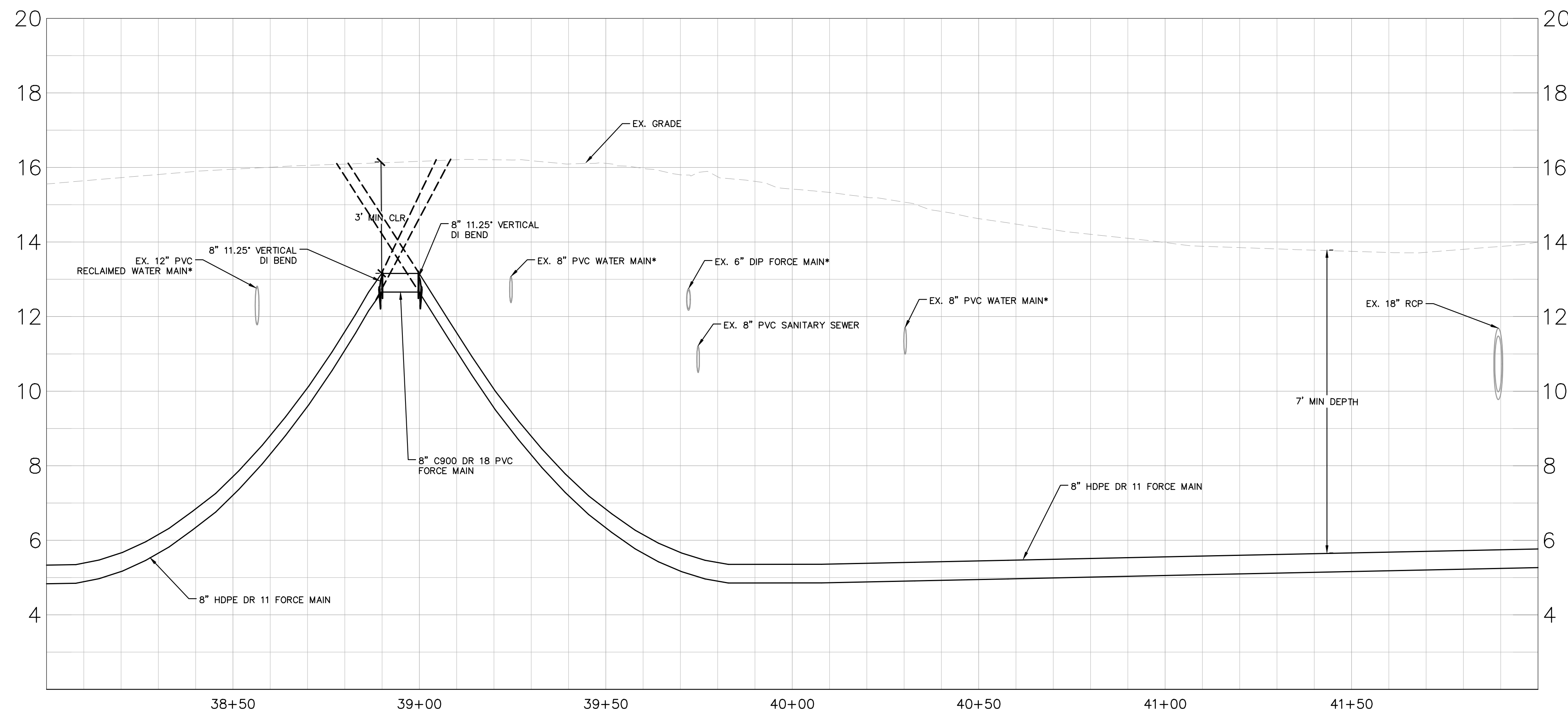
LEGEND

- |   |  |
|---|--|
|    | PROPERTY LINE                          |
|    | PROPOSED FORCE MAIN                    |
|    | EXISTING OVERHEAD UTILITIES            |
|    | EXISTING WATER MAIN                    |
|    | EXISTING GRAVITY SEWER                 |
|    | EXISTING FORCE MAIN                    |
|    | EXISTING RECLAIMED WATER MAIN          |
|    | EXISTING BURIED ELECTRIC               |
|    | EXISTING FIBER OPTIC                   |
|    | EXISTING GAS MAIN                      |
|    | EXISTING SANITARY MANHOLE              |
|    | EXISTING STORM MANHOLE                 |
|    | FULL ROADWAY RESTORATION               |
|    | MILL & OVERLAY                         |
|    | CURB RESTORATION                       |
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|  | ASPHALT DRIVEWAY RESTORATION           |

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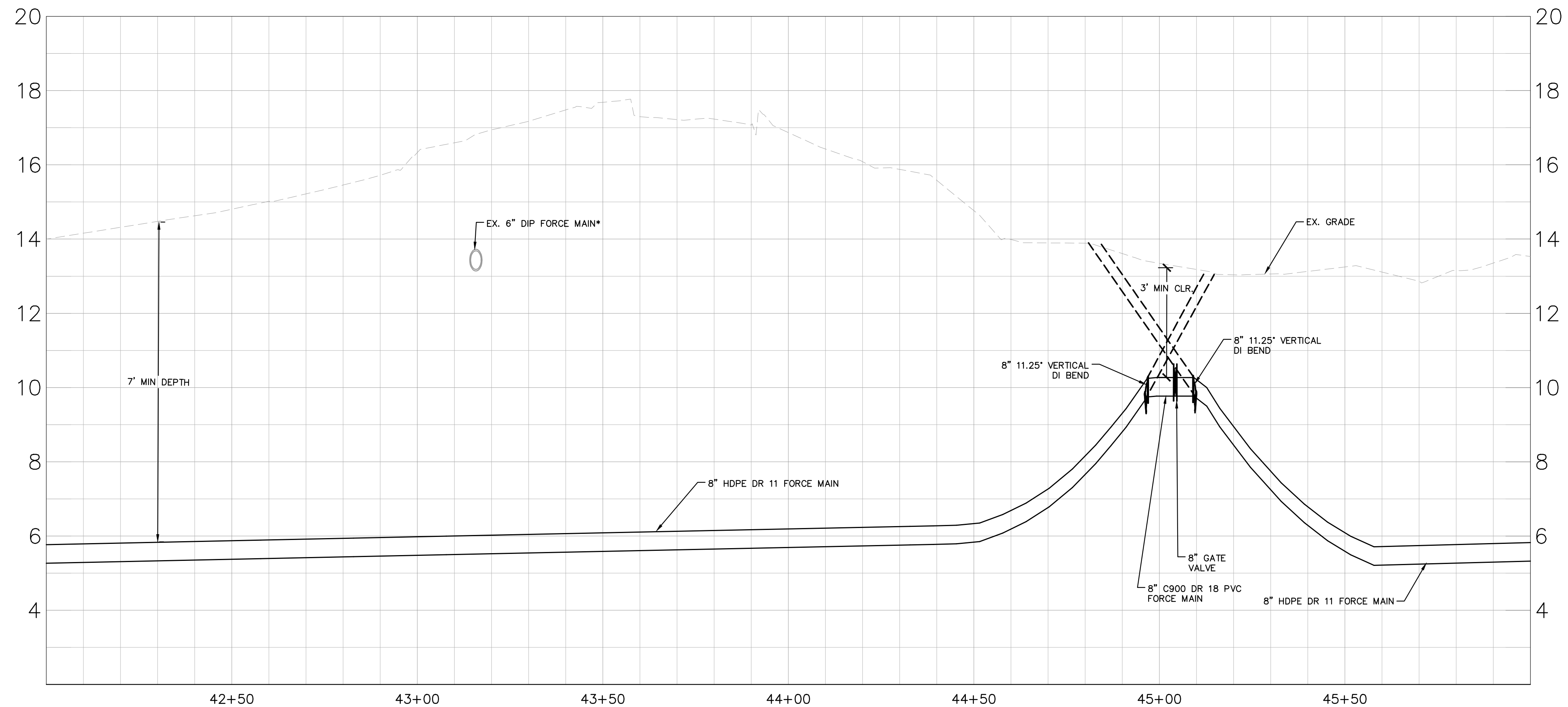
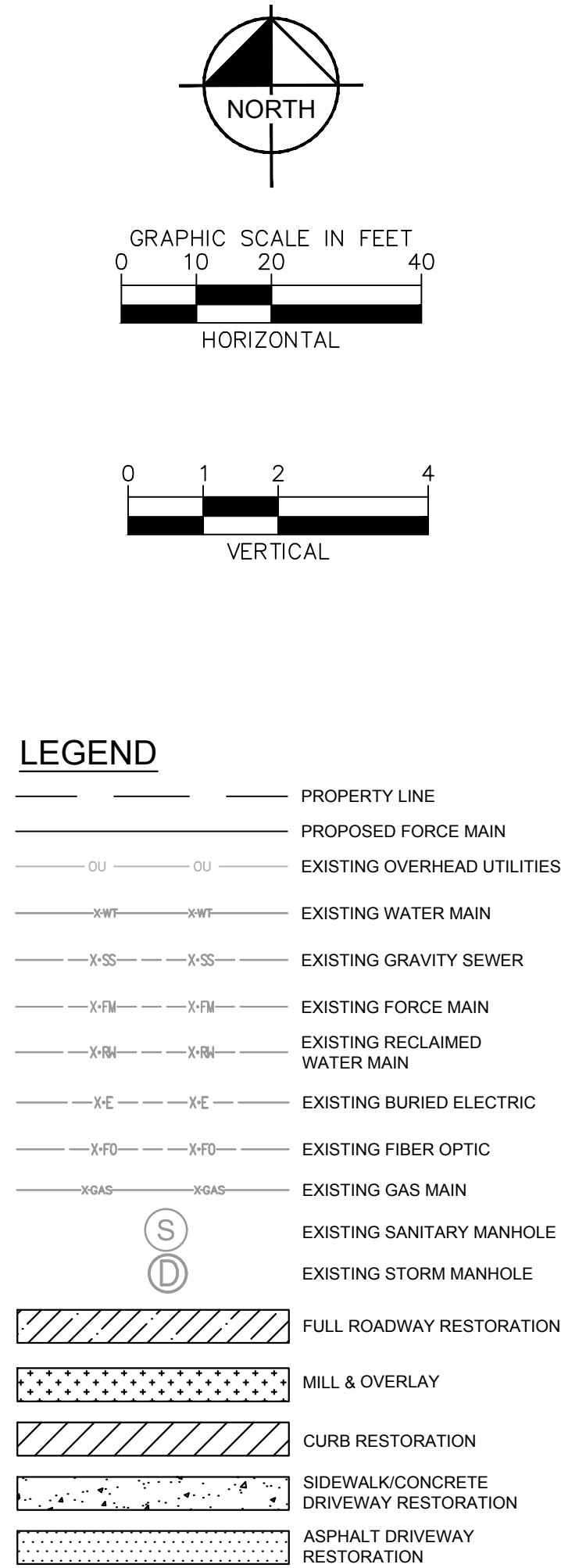
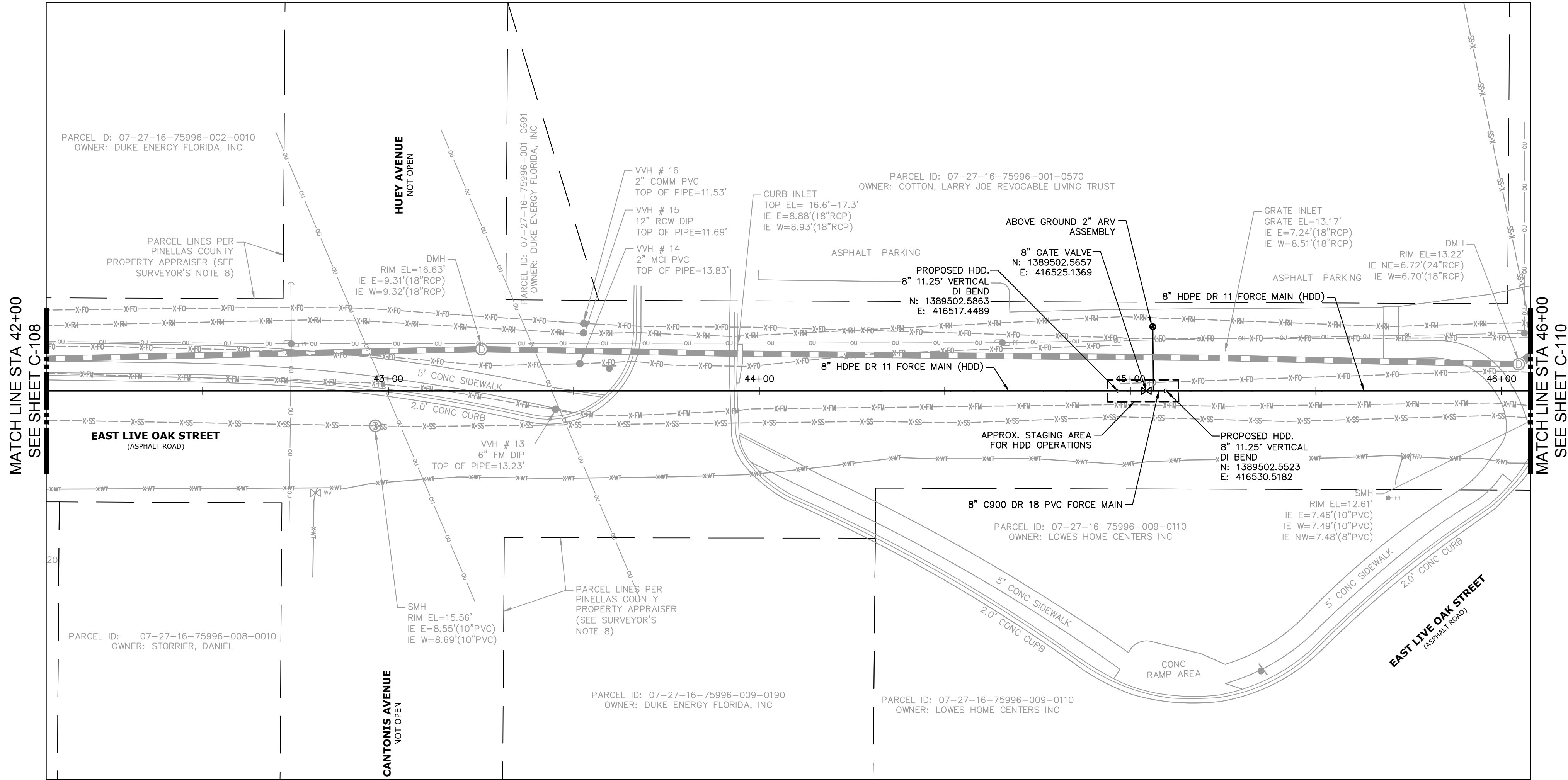
## OFFSITE FORCE MAIN EXTENSION

MORGAN  
ANCLOTE HARBOR  
CORPON SPRINGS FLORIDA

DATE  
09/14/2021  
PROJECT NO.  
45062001  
SHEET NUMBER  
C-108

[illegible]





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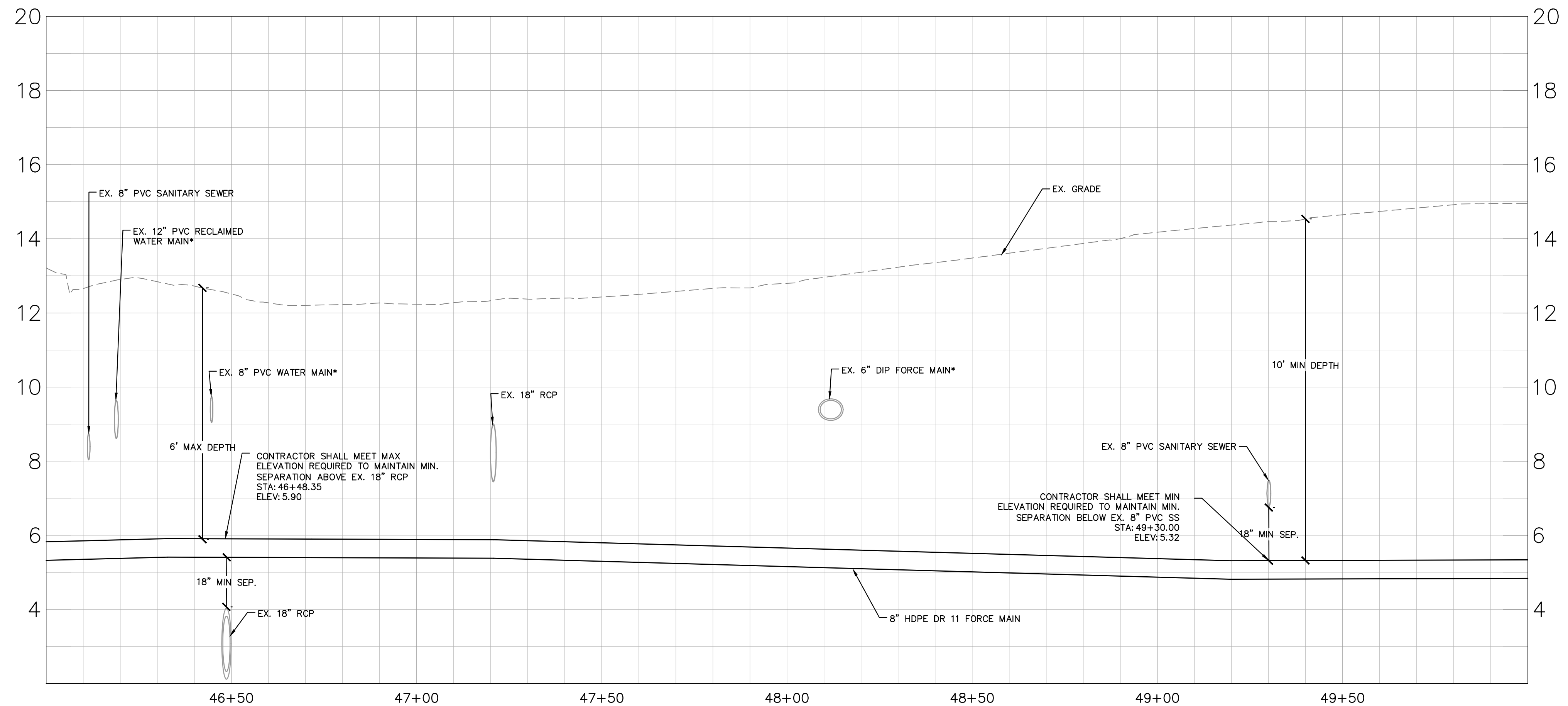
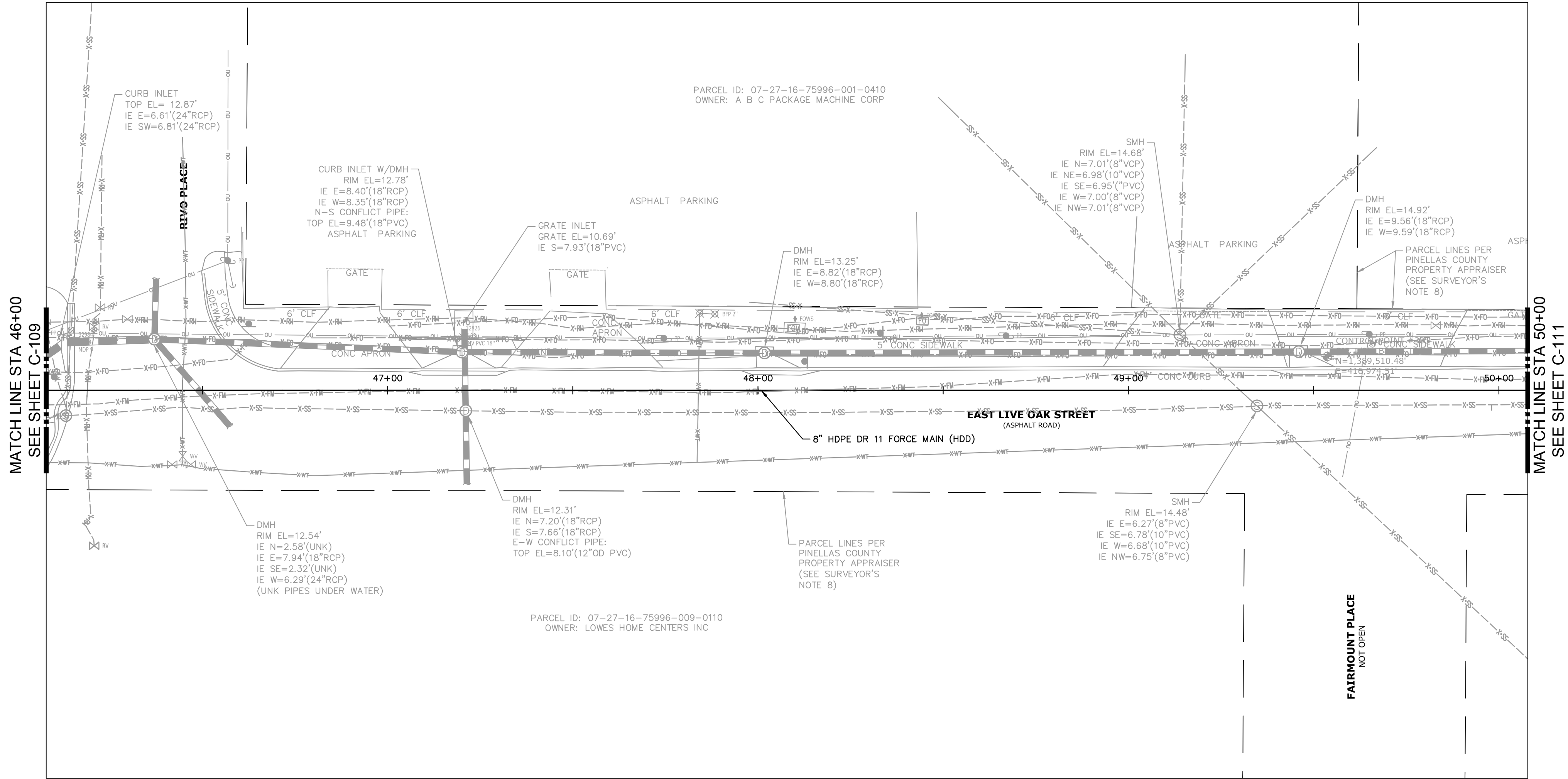
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C-109		DATE 09/14/2021		MORGAN		OFFSITE FORCE MAIN EXTENSION		SCALE		DESIGN ENGINEER: JORDAN W. WALKER, P.E.		Kimley»»Horn			
PROJECT NO. 145062001				ANCLOTE HARBOR				DESIGNED BY JWW		FLORIDA REGISTRATION NUMBER:		(C) 2021 KIMLEY-HORN AND ASSOCIATES, INC. 655 NORTH KIMLEY STREET, SUITE 150, TAMPA, FL 33602			
SHEET NUMBER								DRAWN BY SLB		78652		PHONE: 813-620-1450 WWW.KIMLEY-HORN.COM			
				TARPON SPRINGS		FLORIDA		CHECKED BY WFW		DATE:		REGISTRY No. 696		BY	
												No.		REVISIONS	





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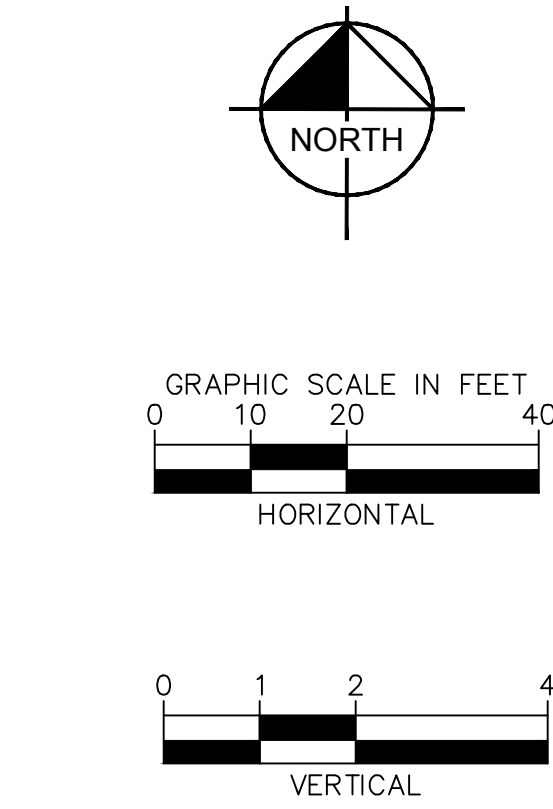
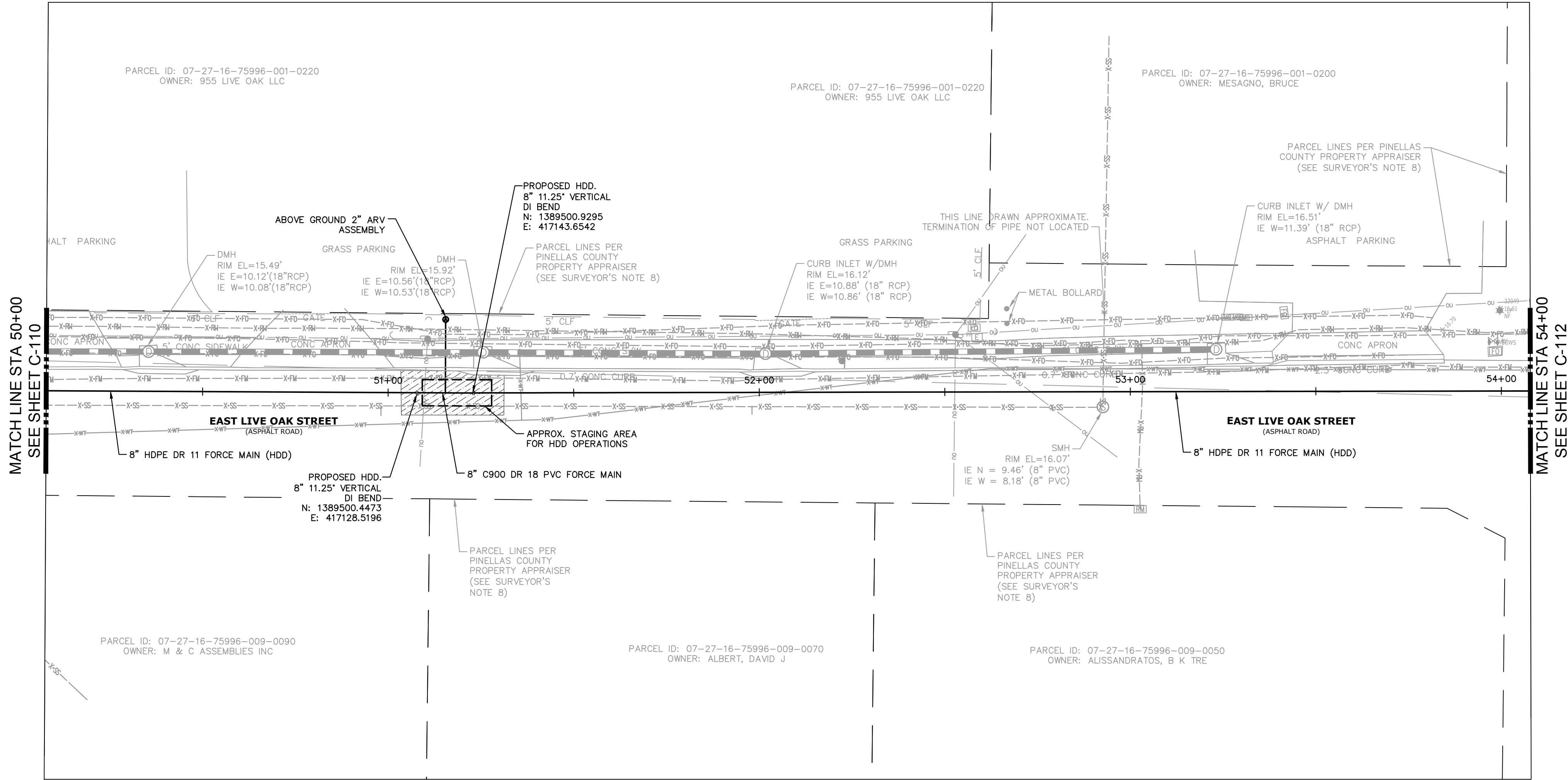
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DESIGN ENGINEER: JORDAN W. WALKER, P.E. FLORIDA REGISTRATION NUMBER 78652		DATE: 09/14/2021	
SCALE: DESIGNED BY: JWW DRAWN BY: SLB CHECKED BY: JWW		PROJECT NO. 145062001	
MORGAN ANCLOTE HARBOR FLORIDA TARPON SPRINGS		SHEET NUMBER C-110	
OFFSITE FORCE MAIN EXTENSION		REVISIONS	
		No.	DATE BY



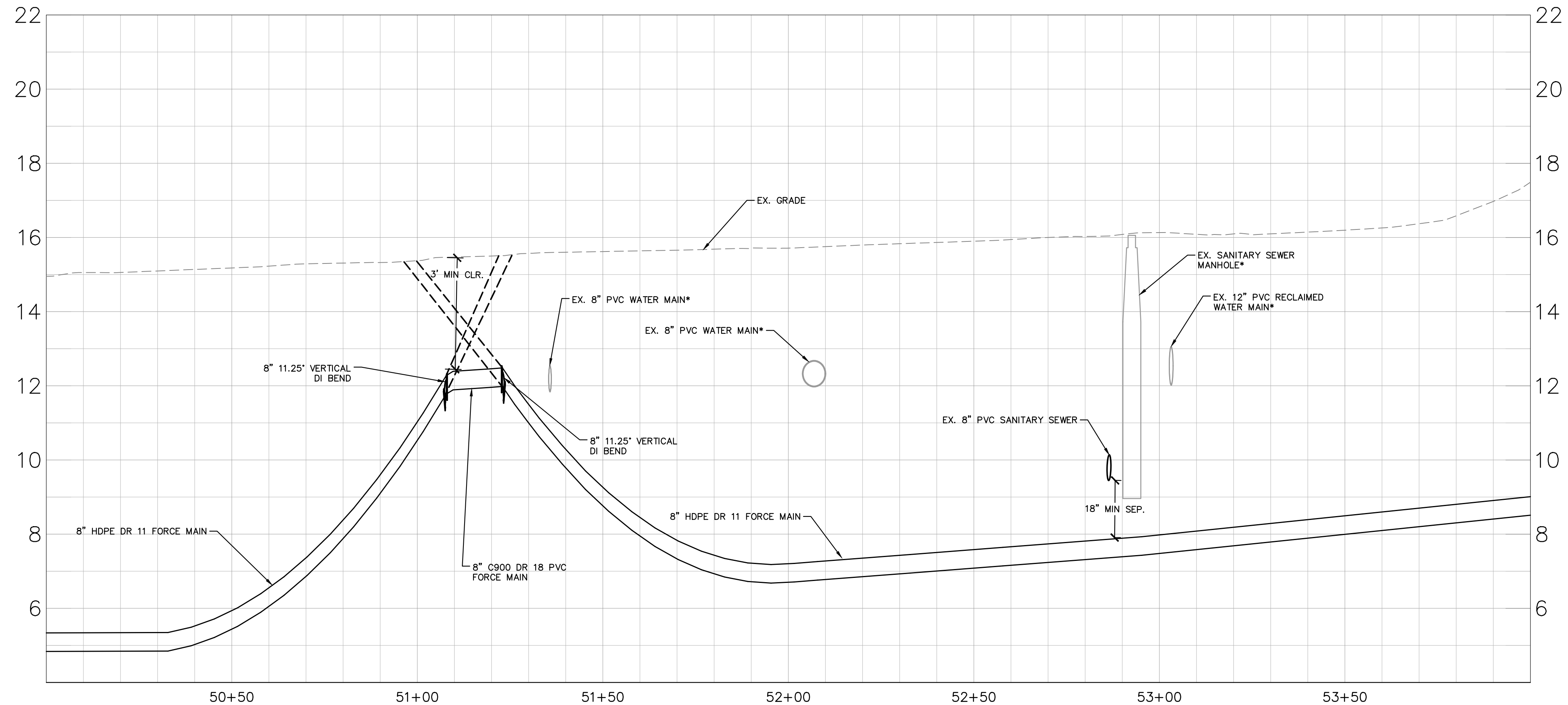


- LEGEND**
- PROPERTY LINE
  - PROPOSED FORCE MAIN
  - EXISTING OVERHEAD UTILITIES
  - EXISTING WATER MAIN
  - EXISTING GRAVITY SEWER
  - EXISTING RECLAIMED WATER MAIN
  - EXISTING BURIED ELECTRIC
  - EXISTING FIBER OPTIC
  - EXISTING GAS MAIN
  - EXISTING SANITARY MANHOLE
  - EXISTING STORM MANHOLE
  - FULL ROADWAY RESTORATION
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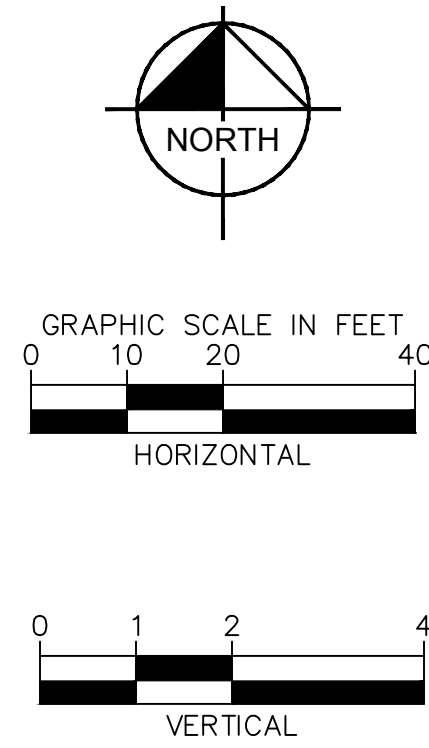
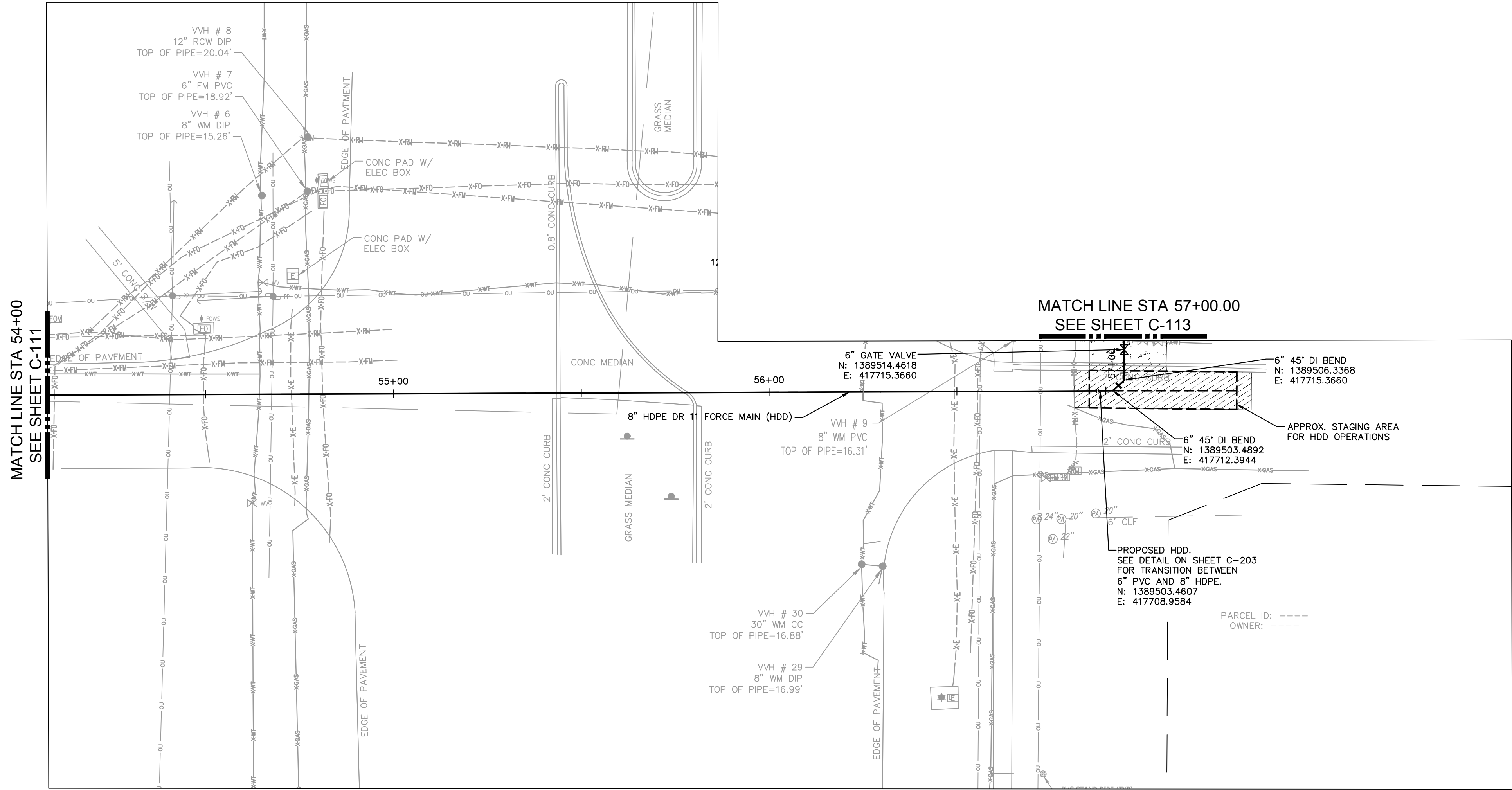
**GROUNDWATER / DEWATERING NOTE:**

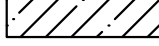
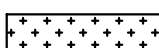
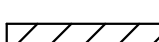
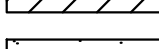
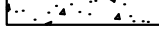
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DESIGN ENGINEER: JORDAN W. WALKER, P.E. FLORIDA REGISTRATION NUMBER 78652		DATE: 09/14/2021	
SCALE DESIGNED BY JWW	DRAWN BY SLB	CHECKED BY JWW	PROJECT NO. 145062001
OFFSITE FORCE MAIN EXTENSION		MORGAN ANCLOTE HARBOR FLORIDA TARPON SPRINGS	
NO.		REVISIONS	DATE
BY			





- # LEGEND
- |  |  |
|--|--|
| ---  | RIGHT OF WAY                           |
| ---  | PROPERTY LINE                          |
| ---  | PROPOSED FORCE MAIN                    |
| OU   | EXISTING OVERHEAD UTILITIES            |
| -XWT   | EXISTING WATER MAIN                    |
| -YSS   | EXISTING GRAVITY SEWER                 |
| -YFM   | EXISTING FORCE MAIN                    |
| -XRM   | EXISTING RECLAIMED WATER MAIN          |
| -XE  | EXISTING BURIED ELECTRIC               |
| -XFD   | EXISTING FIBER OPTIC                   |
| -XGAS  | EXISTING GAS MAIN                      |
| (S)  | EXISTING SANITARY MANHOLE              |
| (D)  | EXISTING STORM MANHOLE                 |
|   | FULL ROADWAY RESTORATION               |
|   | MILL & OVERLAY                         |
|   | CURB RESTORATION                       |
|   | SIDEWALK/CONCRETE DRIVEWAY RESTORATION |
|  | ASPHALT DRIVEWAY RESTORATION           |

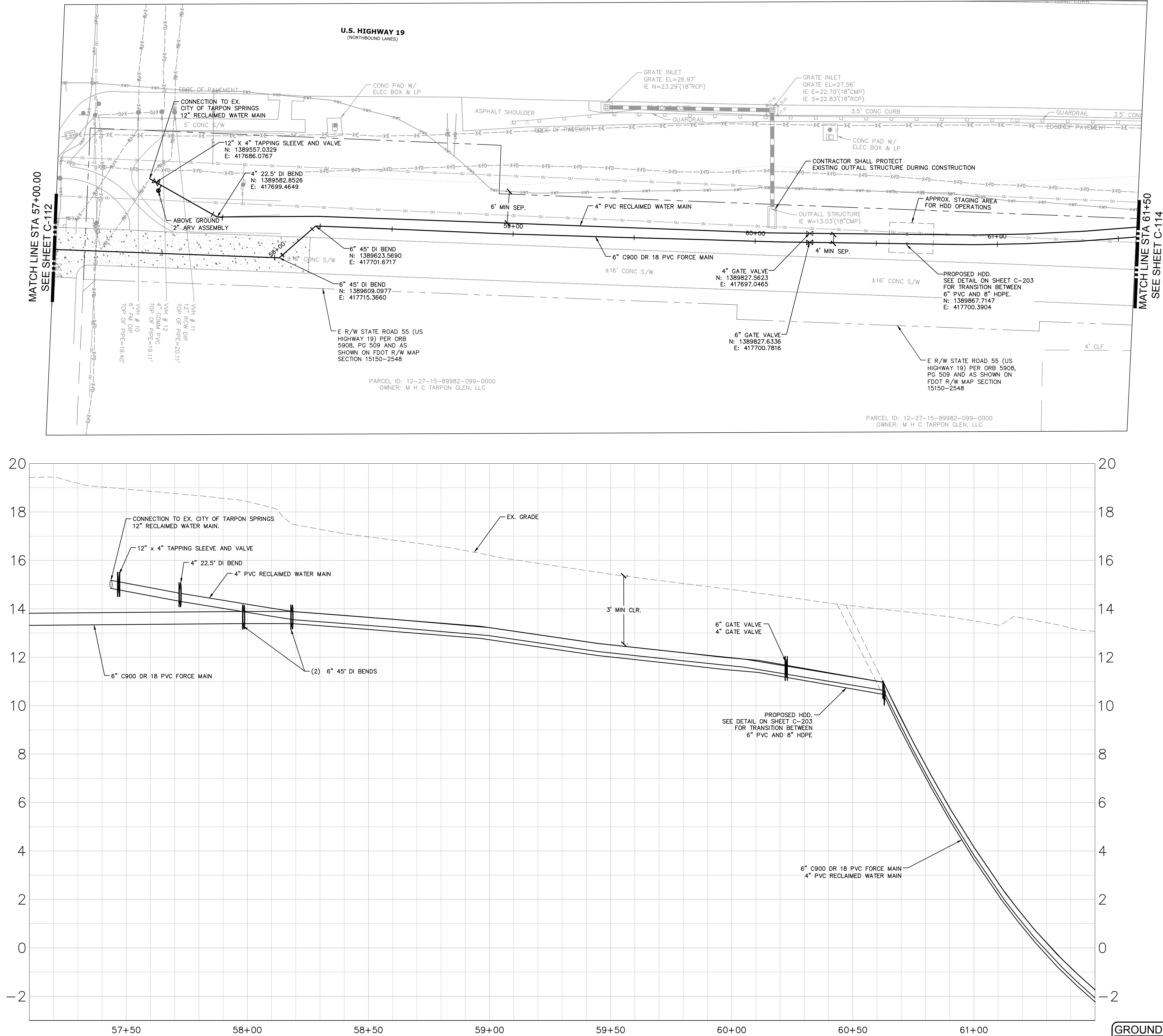
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**OFFSITE FORCE MAIN  
EXTENSION**

**MORGAN  
ANCLOTE HARBOR**

FLORIDA

TARPON SPRINGS

DESIGN ENGINEER:  
**JORDAN W. WALKER, P.E.**

FLORIDA REGISTRATION NUMBER  
**78652**

DATE:  
**09/14/2021**

SCALE

DESIGNED BY  
**JWW**

DRAWN BY  
**SLB**

CHECKED BY  
**VEW**

**Kimley»Horn**

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655 NORTH FRANKLIN STREET, SUITE 500, TAMPA, FL 33602  
PHONE: 813-620-1460  
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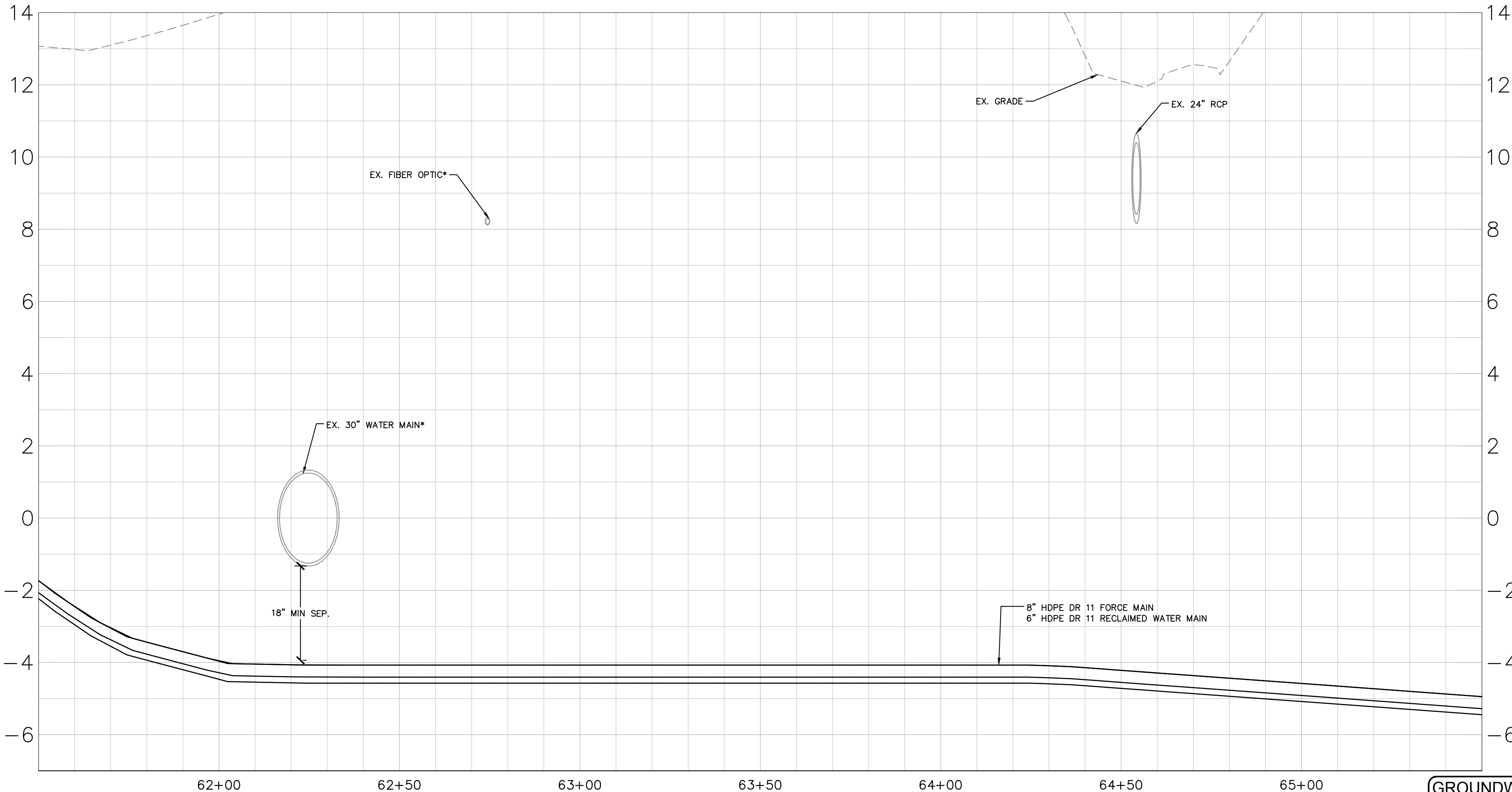
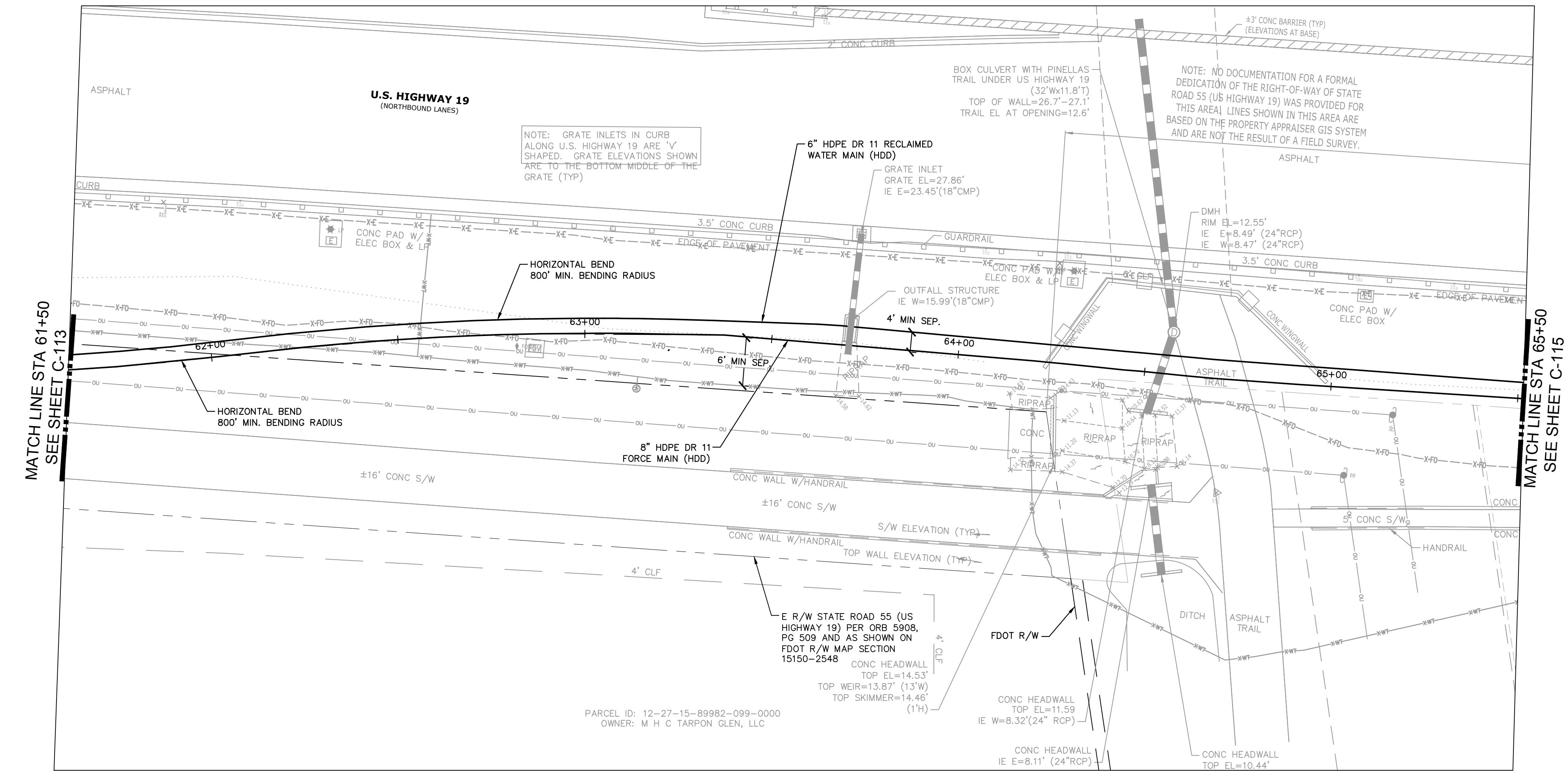
REGISTRY No. 696

REVISIONS

DATE

BY





**\*NOTES:**

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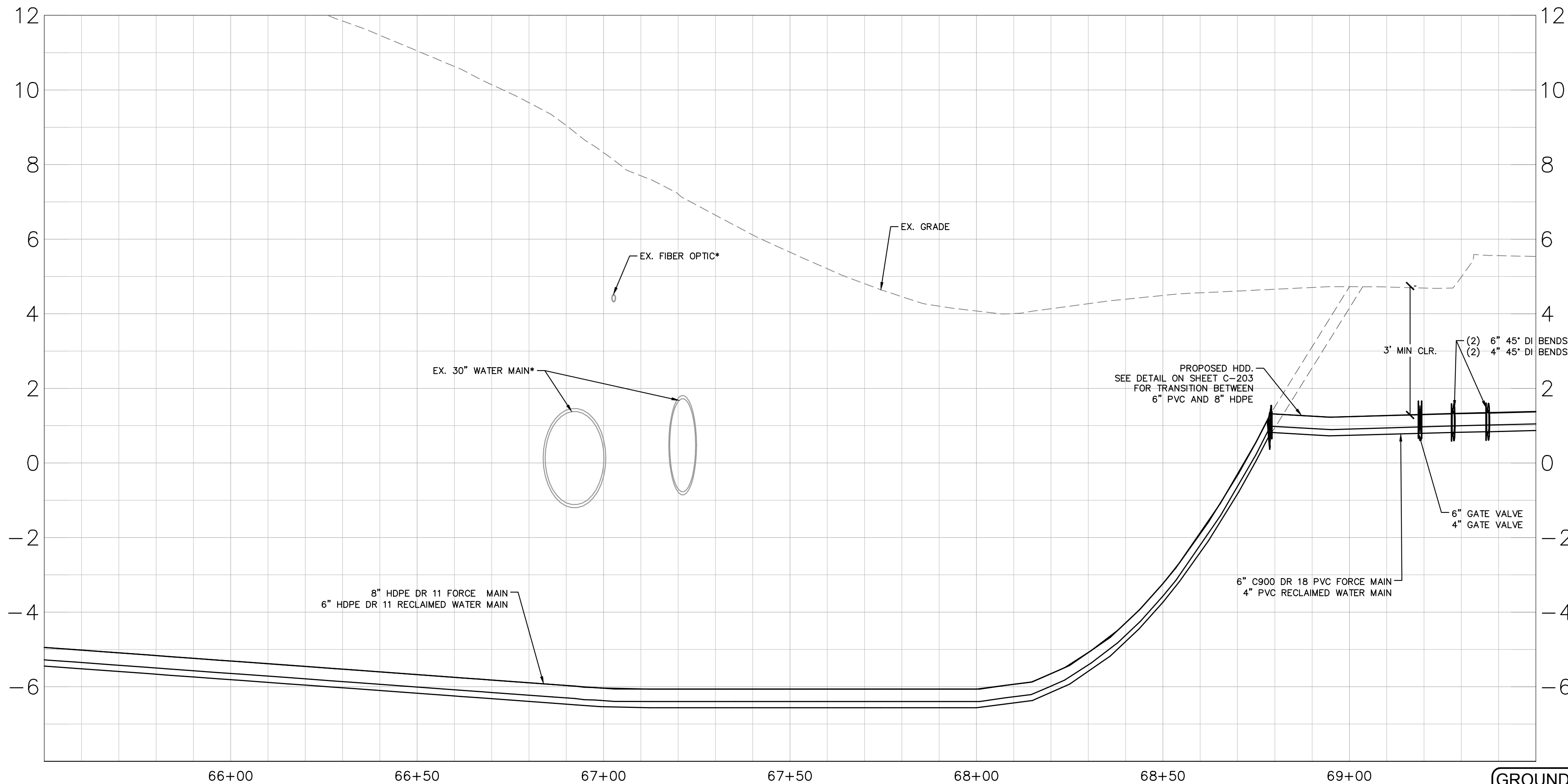
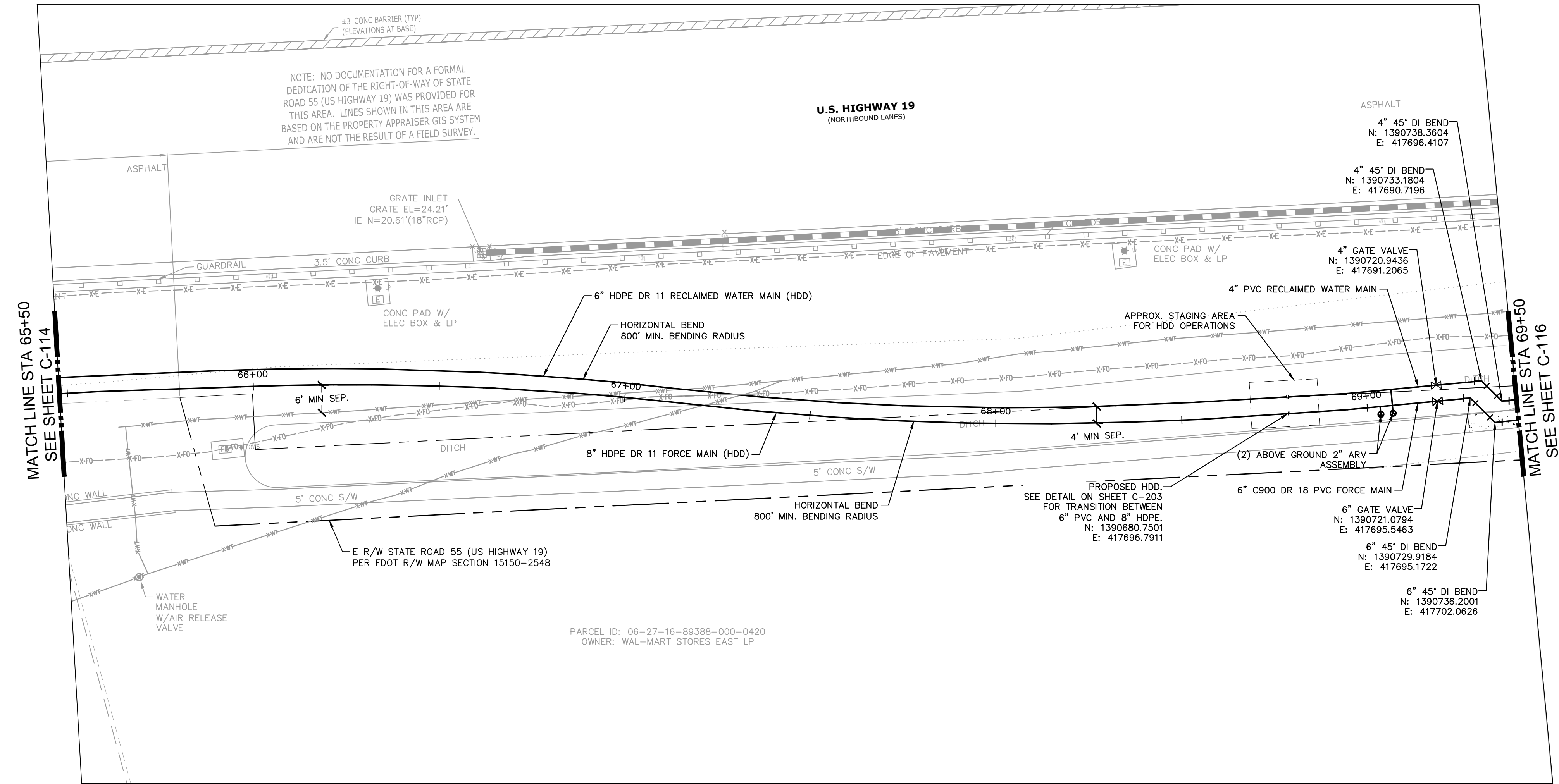
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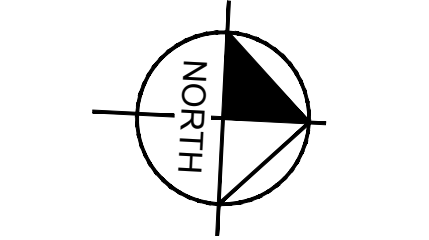
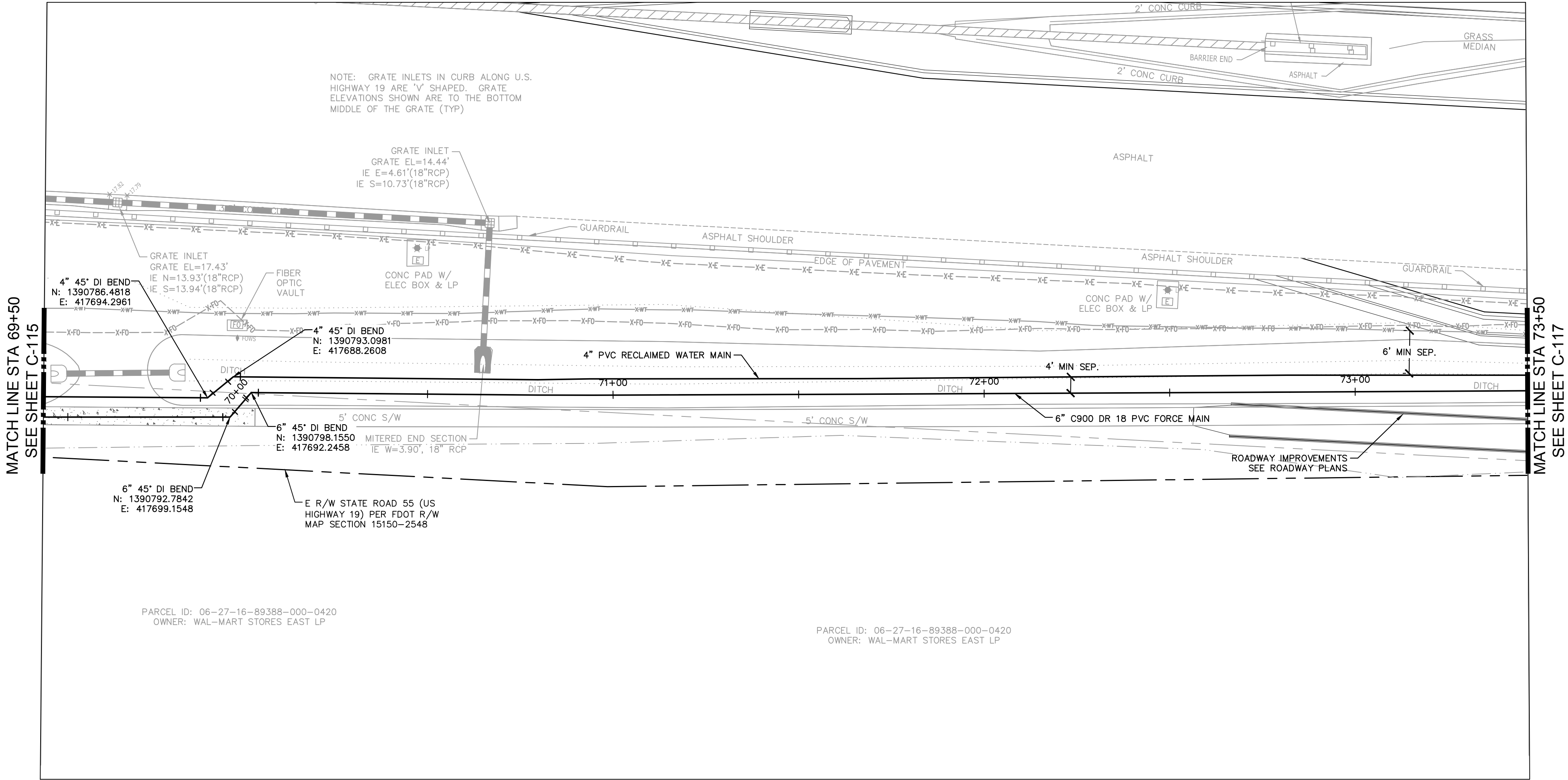
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DESIGN ENGINEER: JORDAN W. WALKER, P.E. FLORIDA REGISTRATION NUMBER 78652		DATE: 09/14/2021	
SCALE DESIGNED BY JWW	DRAWN BY SLB	CHECKED BY JWW	PROJECT NO. 145062001
MORGAN ANCLOTE HARBOR FLORIDA		SHEET NUMBER C-115	
OFFSITE FORCE MAIN EXTENSION		REVISIONS	
		DATE	
		BY	



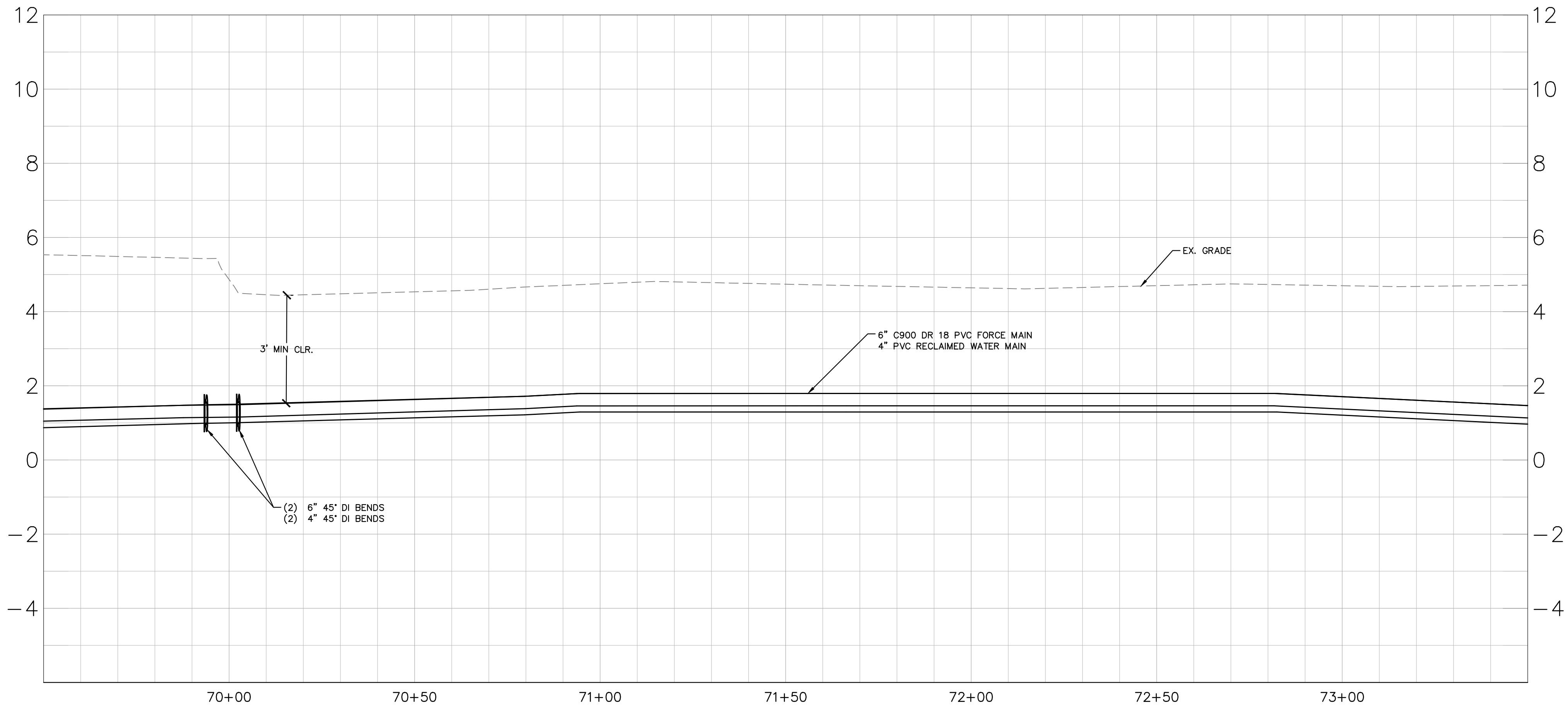


GRAPHIC SCALE IN FEET  
0 10 20 40  
HORIZONTAL

0 1 2 4  
VERTICAL

#### LEGEND

- RIGHT OF WAY
- PROPOSED FORCE MAIN
- PROPOSED RECLAIMED WATER MAIN
- EXISTING OVERHEAD UTILITIES
- EXISTING WATER MAIN
- EXISTING GRAVITY SEWER
- EXISTING FORCE MAIN
- EXISTING RECLAIMED WATER MAIN
- EXISTING BURIED ELECTRIC
- EXISTING FIBER OPTIC
- EXISTING GAS MAIN
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- FULL ROADWAY RESTORATION
- MILL & OVERLAY
- CURB RESTORATION
- SIDEWALK/CONCRETE DRIVEWAY RESTORATION
- ASPHALT DRIVEWAY RESTORATION



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OFFSITE FORCE MAIN  
EXTENSION

MORGAN  
ANCLOTE HARBOR  
FLORIDA  
TARPON SPRINGS

DATE  
09/14/2021  
PROJECT NO.  
145062001  
SHEET NUMBER  
C-116

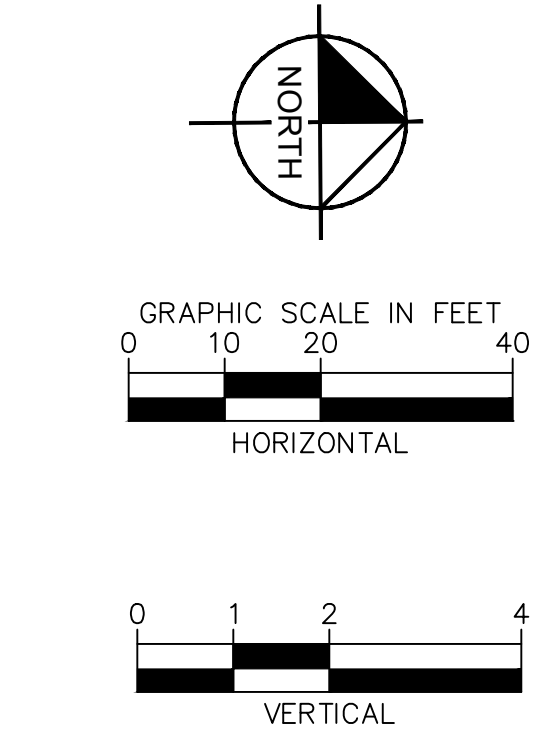
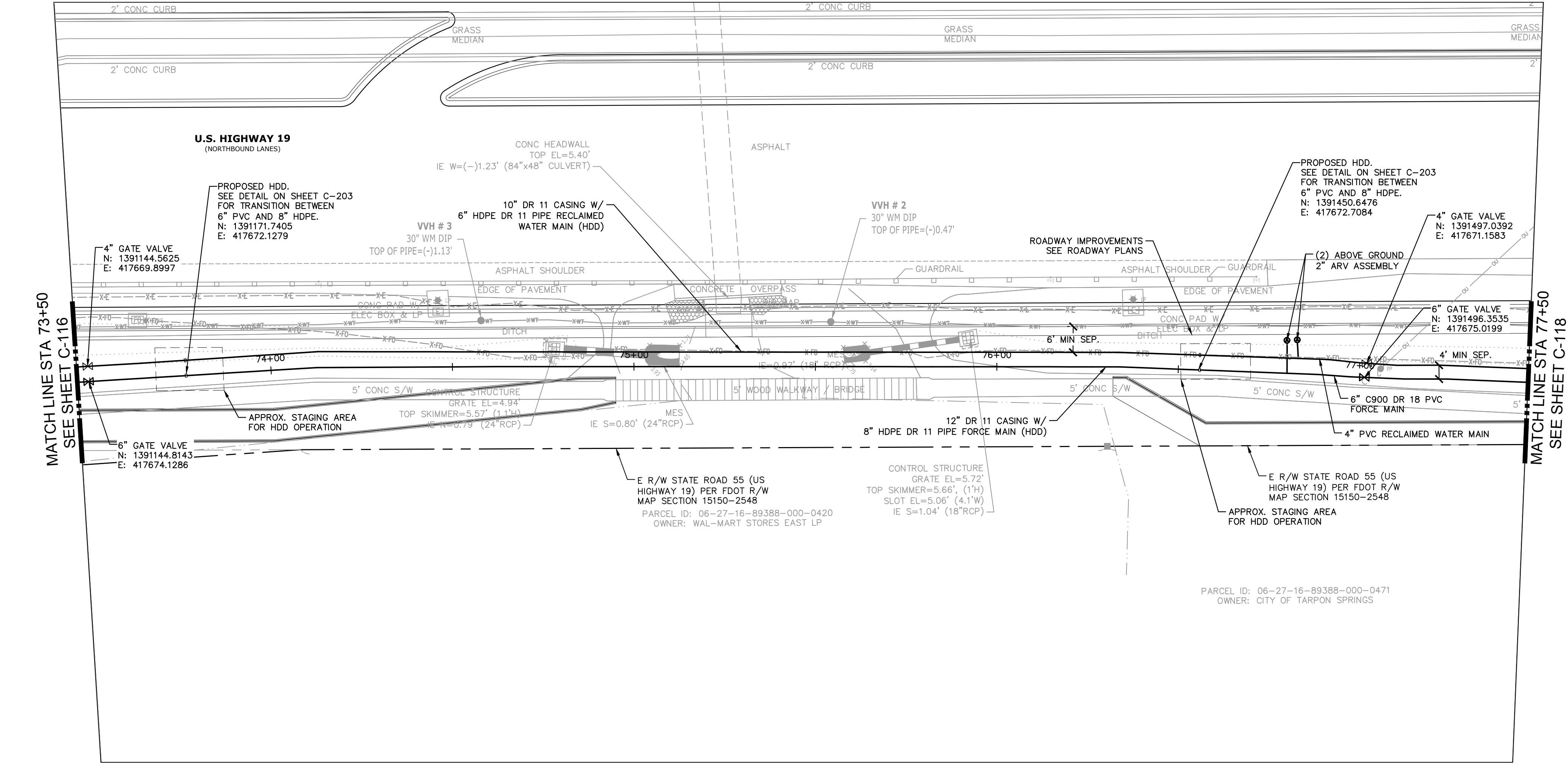
NO.	REVISIONS	DATE	BY

**Kimley»Horn**  
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655 NORTH FRANKLIN STREET, SUITE 150, TAMPA, FL 33602  
PHONE: 813-620-1460  
WWW.KIMLEY-HORN.COM REGISTRY No. 646

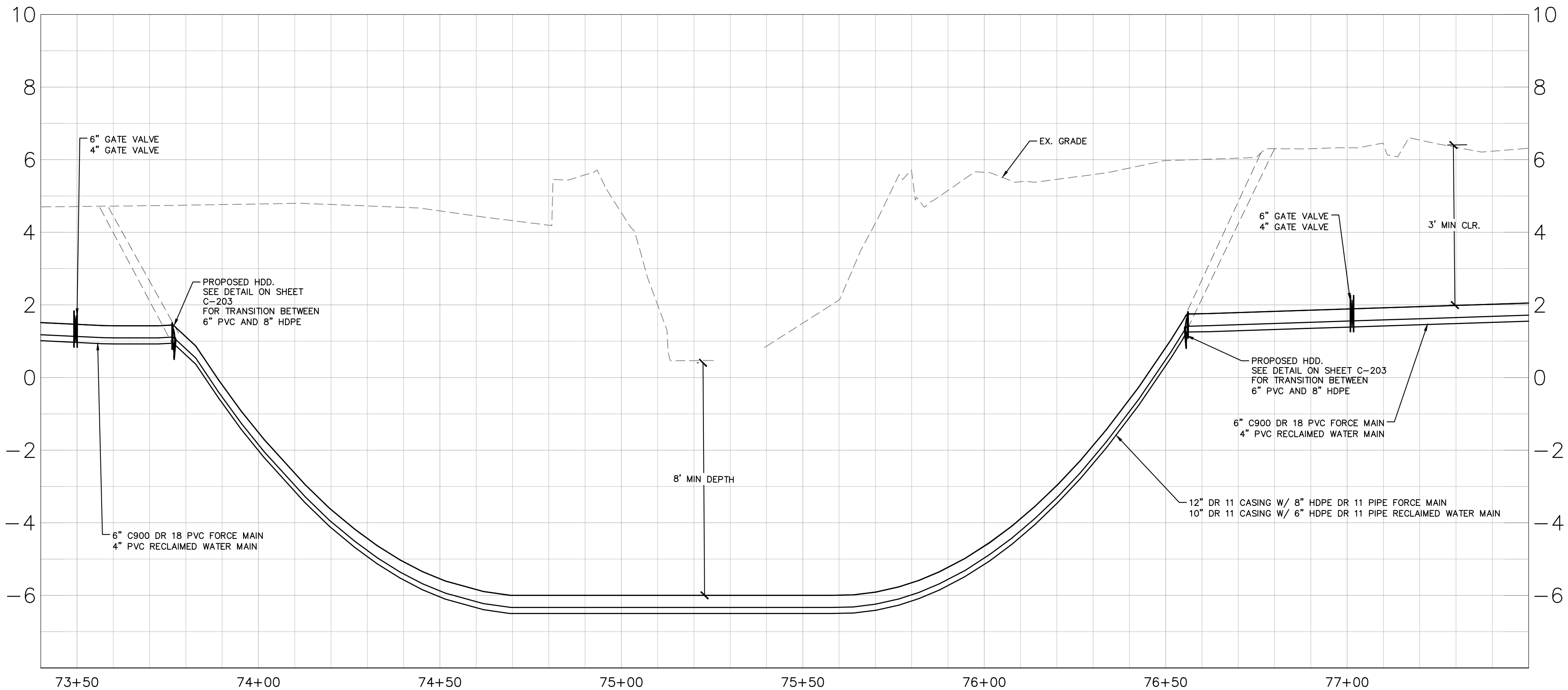
DESIGN ENGINEER:  
JORDAN W. WALKER, P.E.  
FLORIDA REGISTRATION NUMBER  
78652  
DATE:

SCALE  
DESIGNED BY JWW  
DRAWN BY SLB  
CHECKED BY VEW





- LEGEND**
- RIGHT OF WAY
  - PROPOSED FORCE MAIN
  - PROPOSED RECLAIMED WATER MAIN
  - EXISTING OVERHEAD UTILITIES
  - EXISTING WATER MAIN
  - EXISTING GRAVITY SEWER
  - EXISTING FORCE MAIN
  - EXISTING RECLAIMED WATER MAIN
  - EXISTING BURIED ELECTRIC
  - EXISTING FIBER OPTIC
  - EXISTING GAS MAIN
  - (S) EXISTING SANITARY MANHOLE
  - (D) EXISTING STORM MANHOLE
  - [Hatched Box] FULL ROADWAY RESTORATION
  - [Dotted Box] MILL & OVERLAY
  - [Hatched Box] CURB RESTORATION
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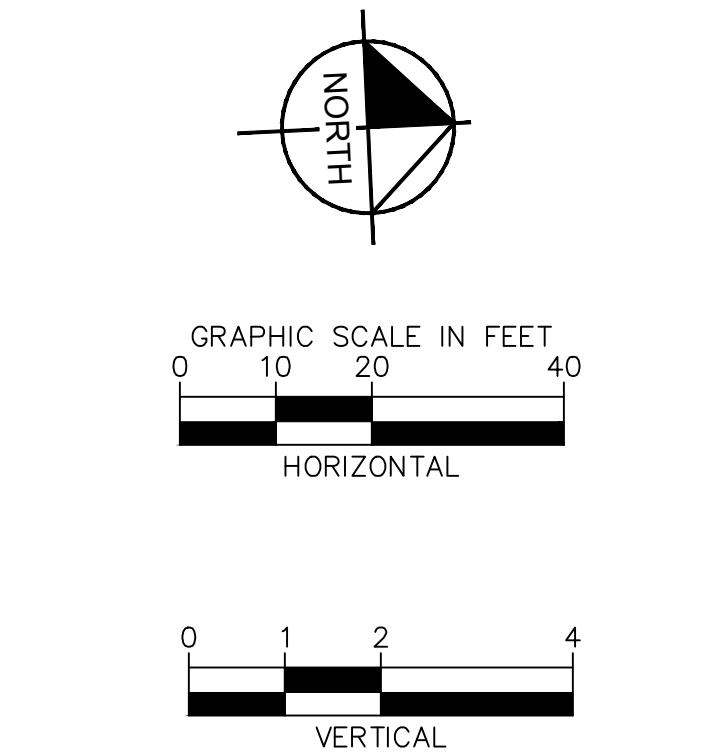
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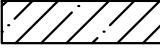
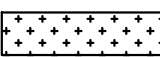
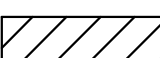
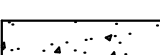
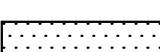
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		SHEET NUMBER C-117	
		REVISIONS	
		No.	DATE

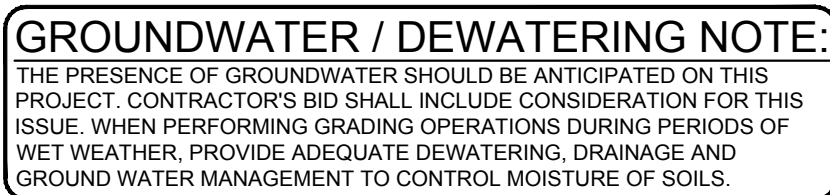




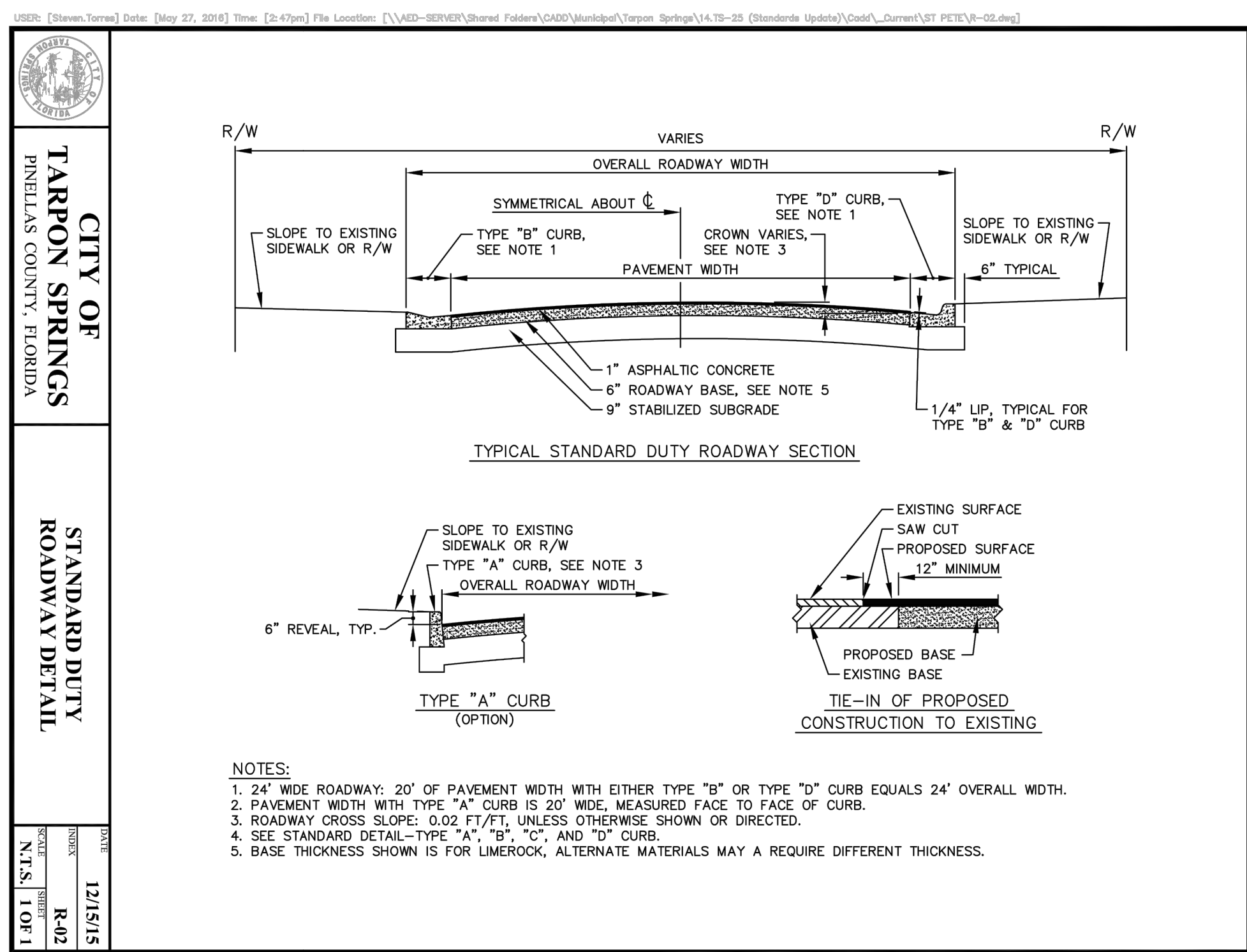
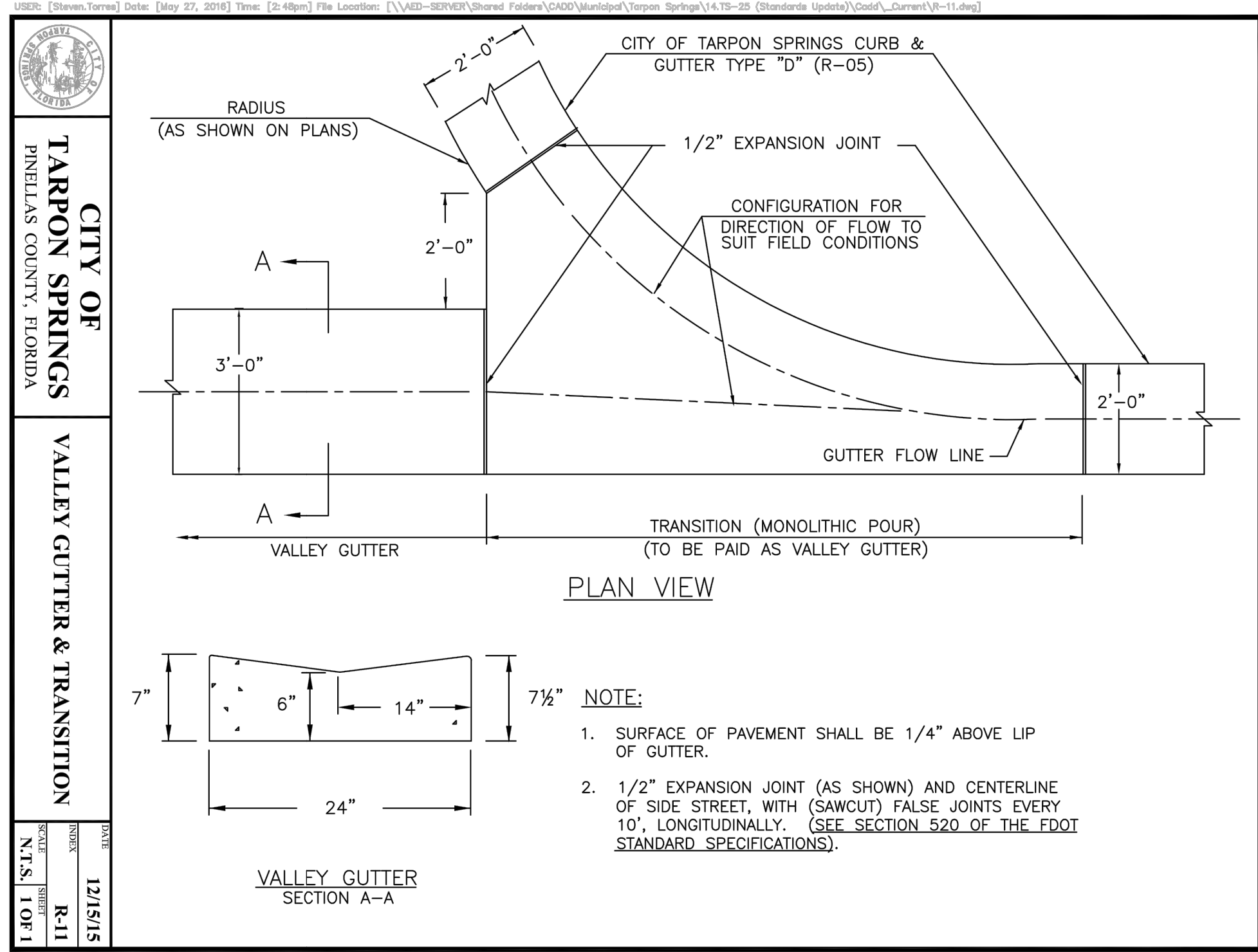
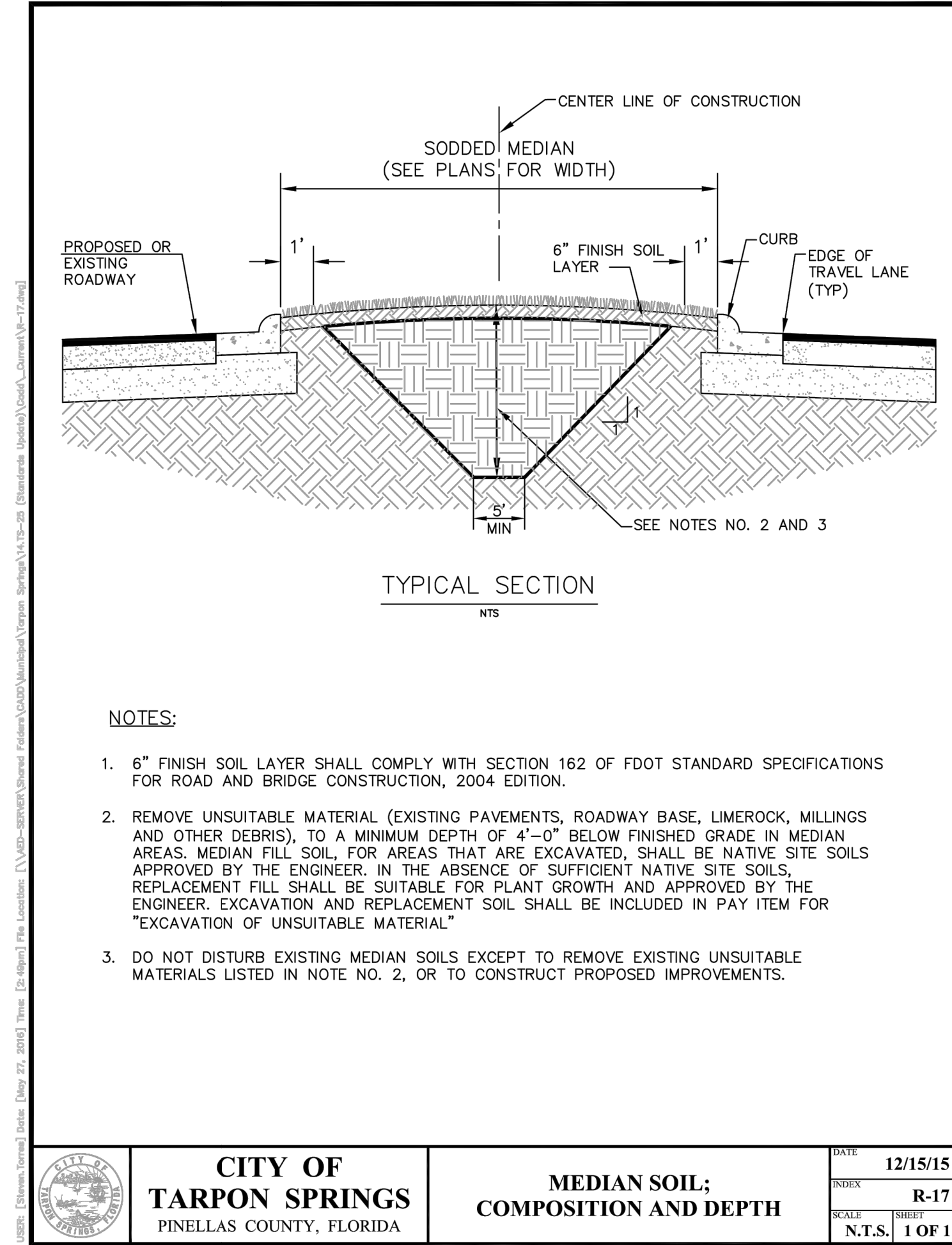
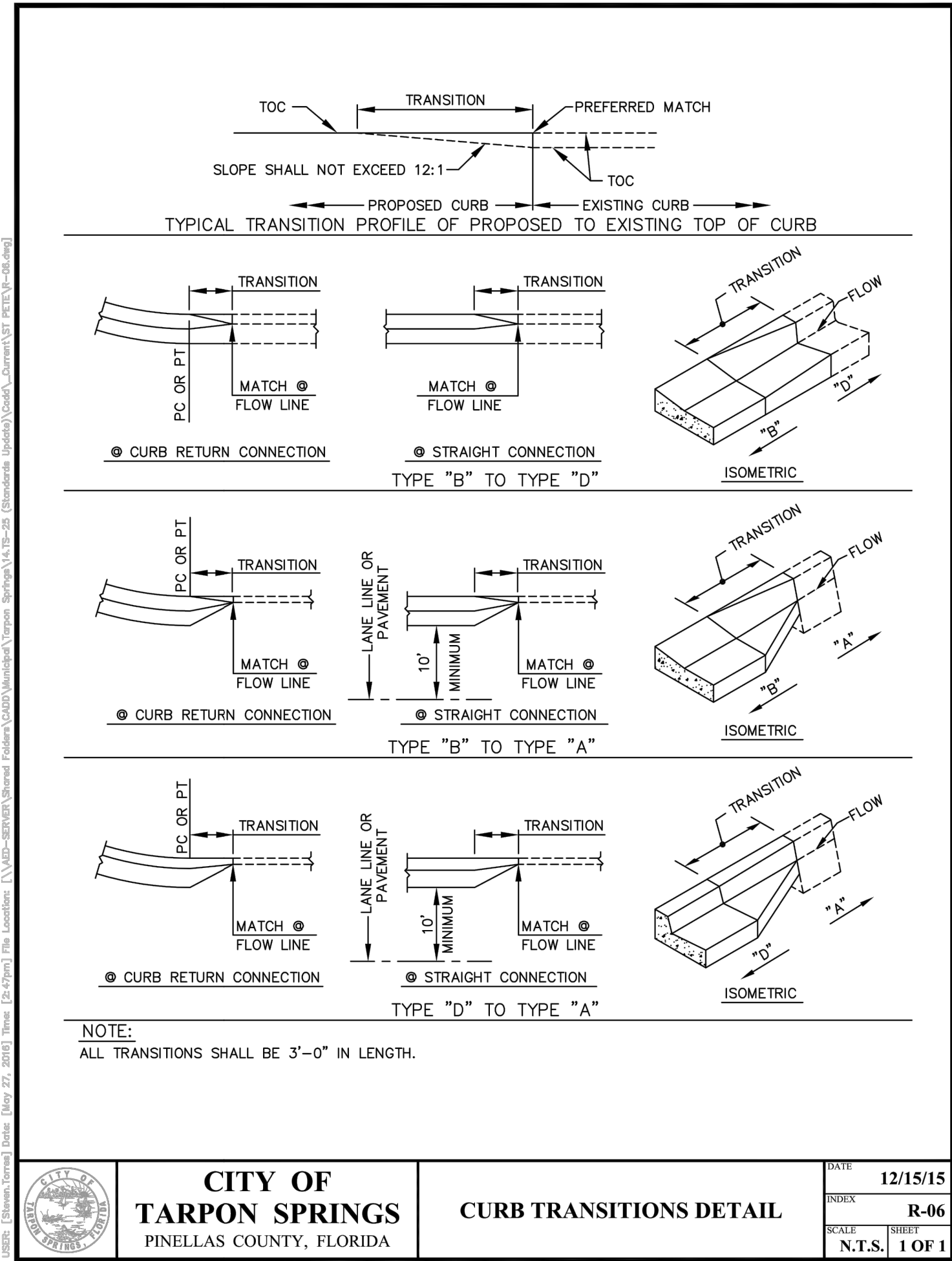
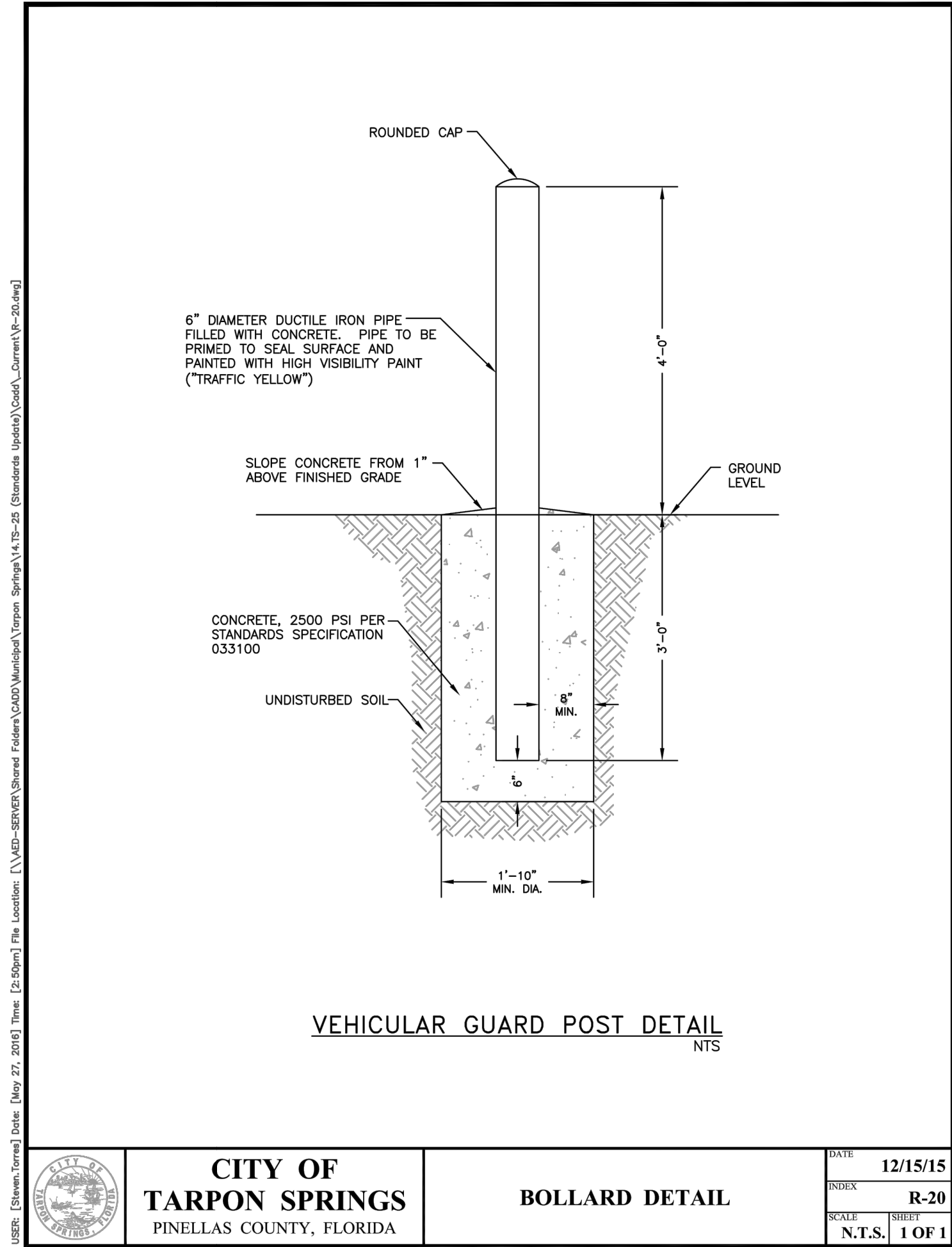
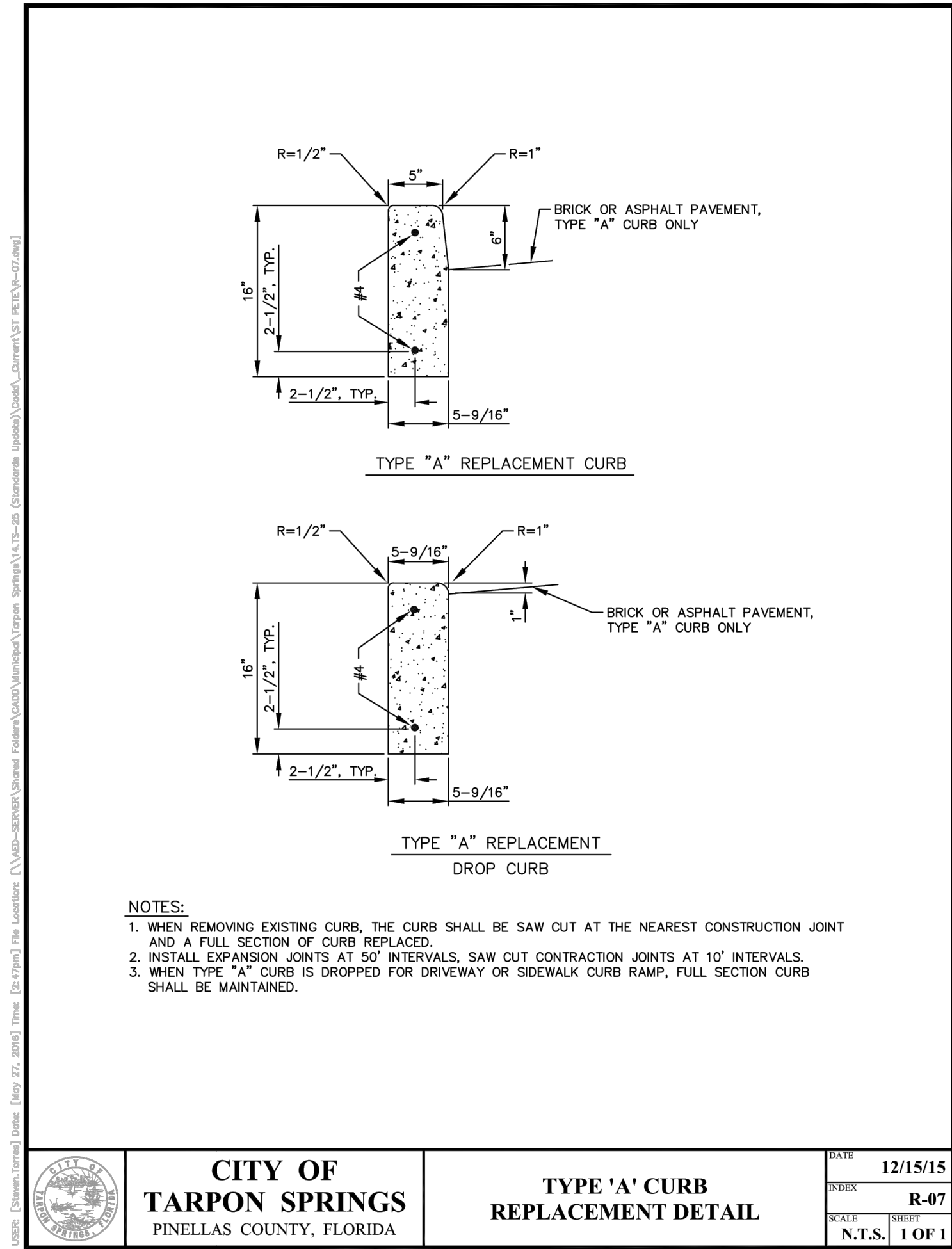
-----	RIGHT OF WAY
=====	PROPOSED FORCE MAIN
=====	PROPOSED RECLAIMED WATER MAIN
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-----X-WT-----X-WT-----	EXISTING WATER MAIN
-----X-SS-----X-SS-----	EXISTING GRAVITY SEWER
-----X-FM-----X-FM-----	EXISTING FORCE MAIN
-----X-RM-----X-RM-----	EXISTING RECLAIMED WATER MAIN
-----X-E-----X-E-----	EXISTING BURIED ELECTRIC
-----X-FD-----X-FD-----	EXISTING FIBER OPTIC
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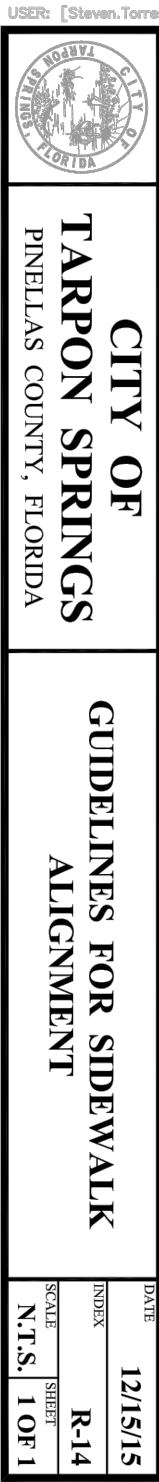


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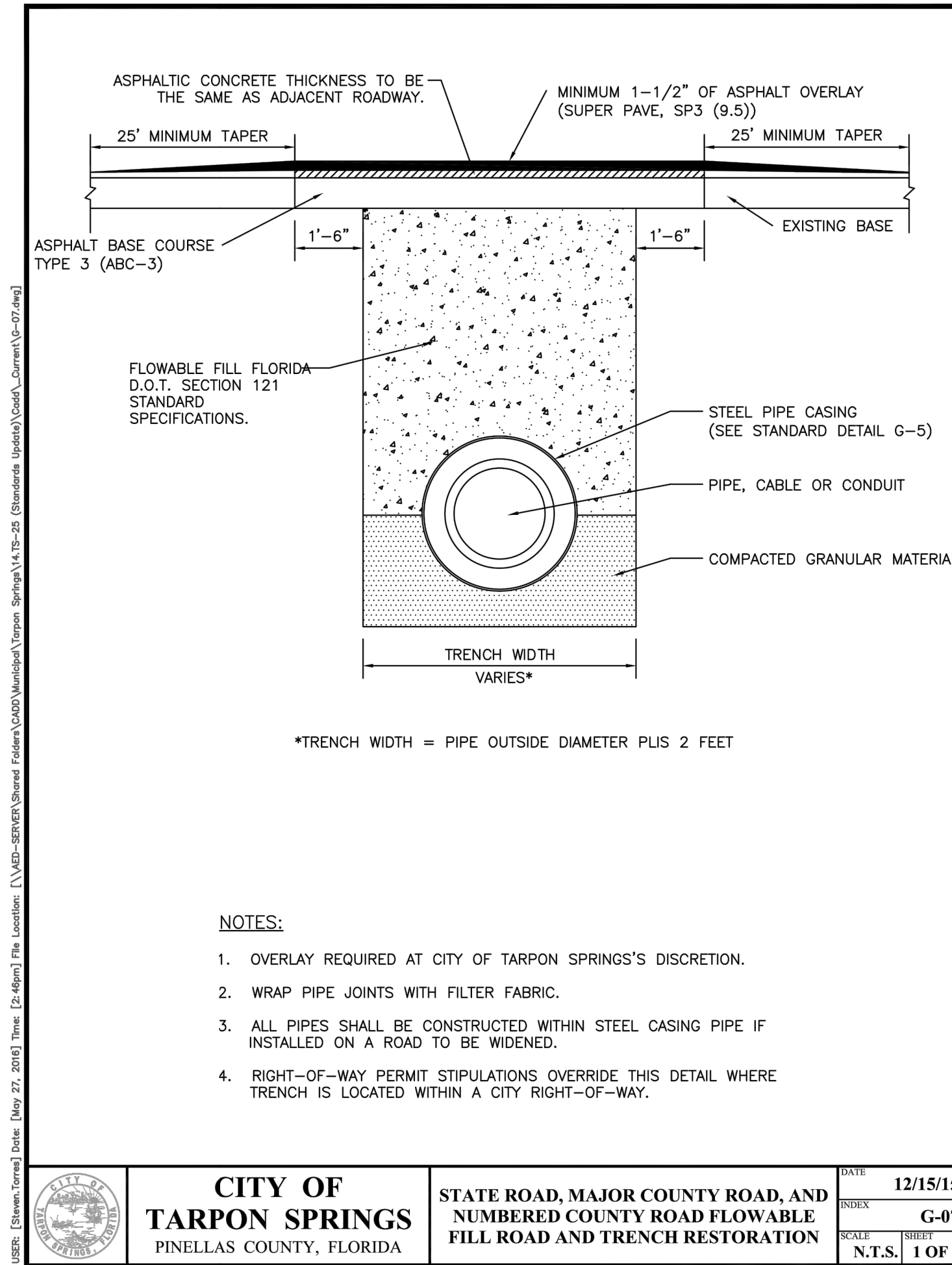
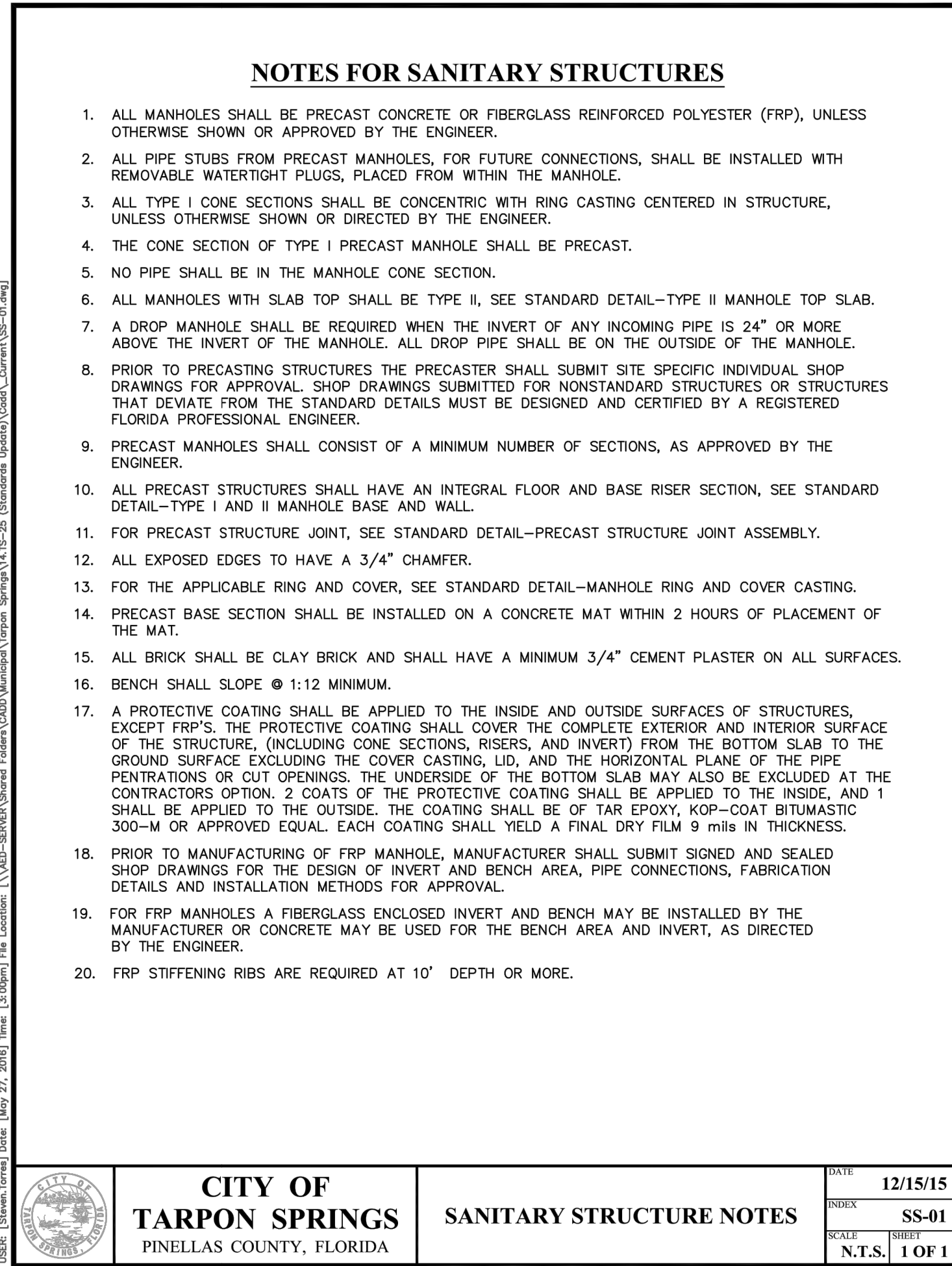
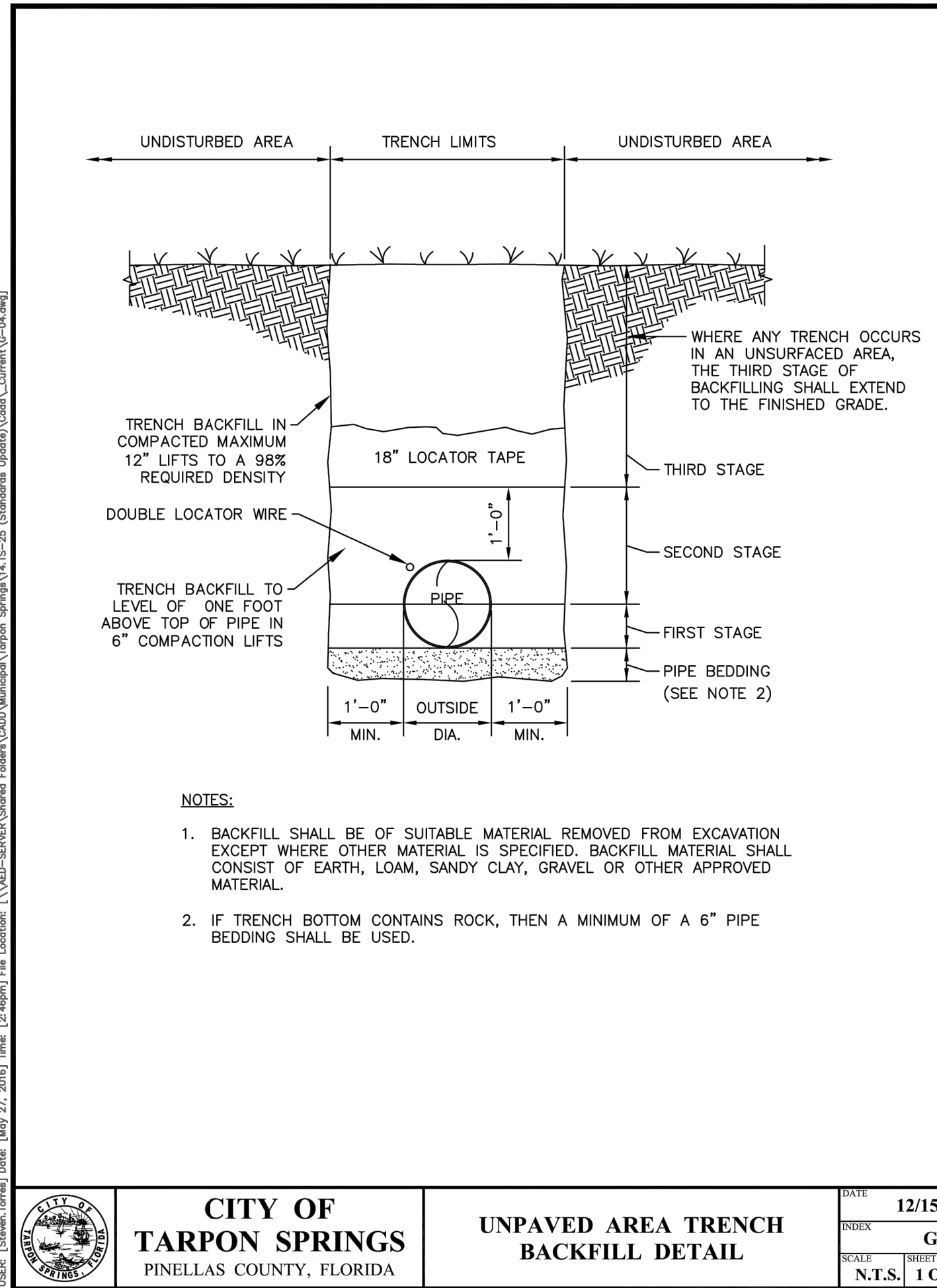
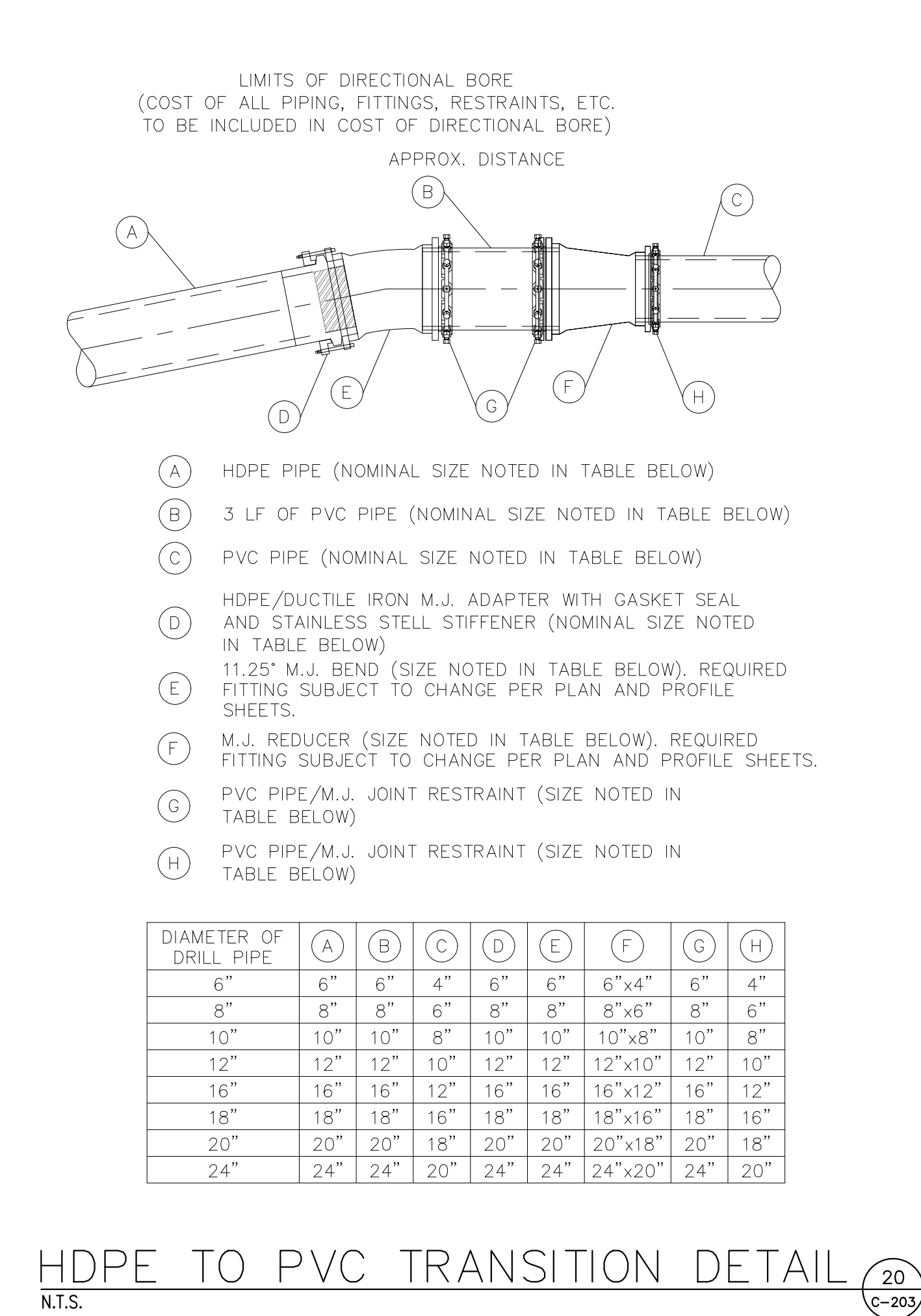
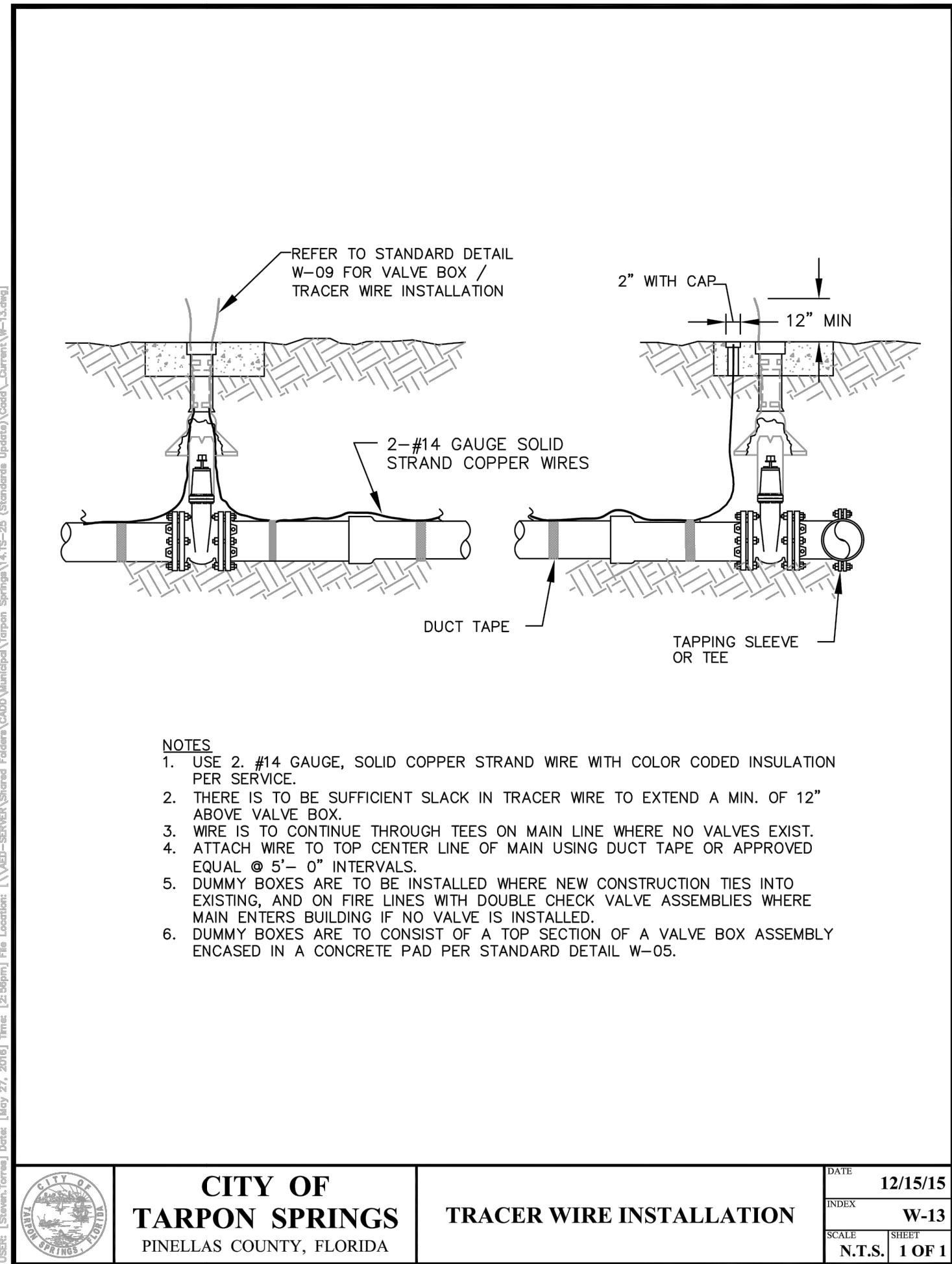
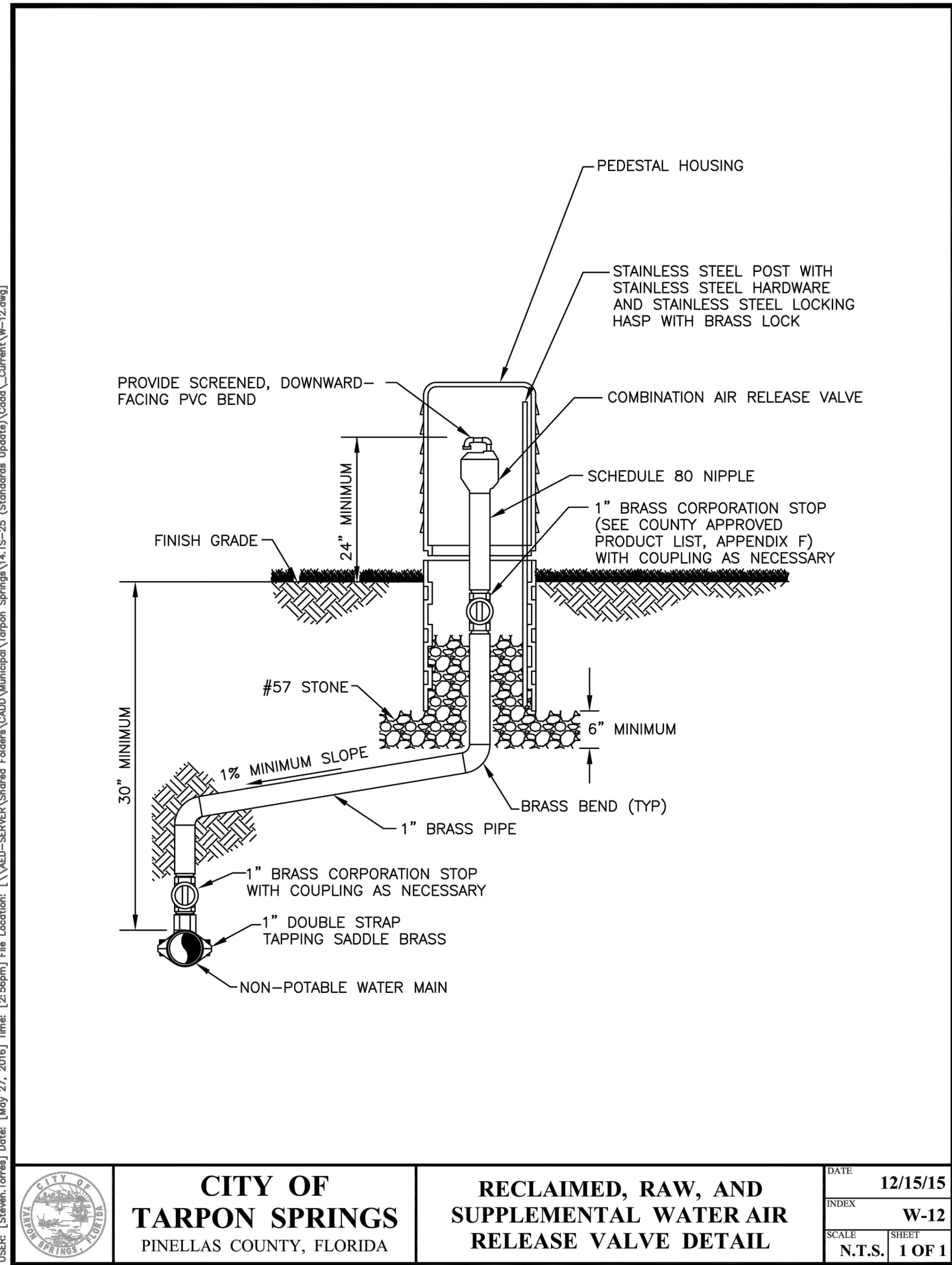
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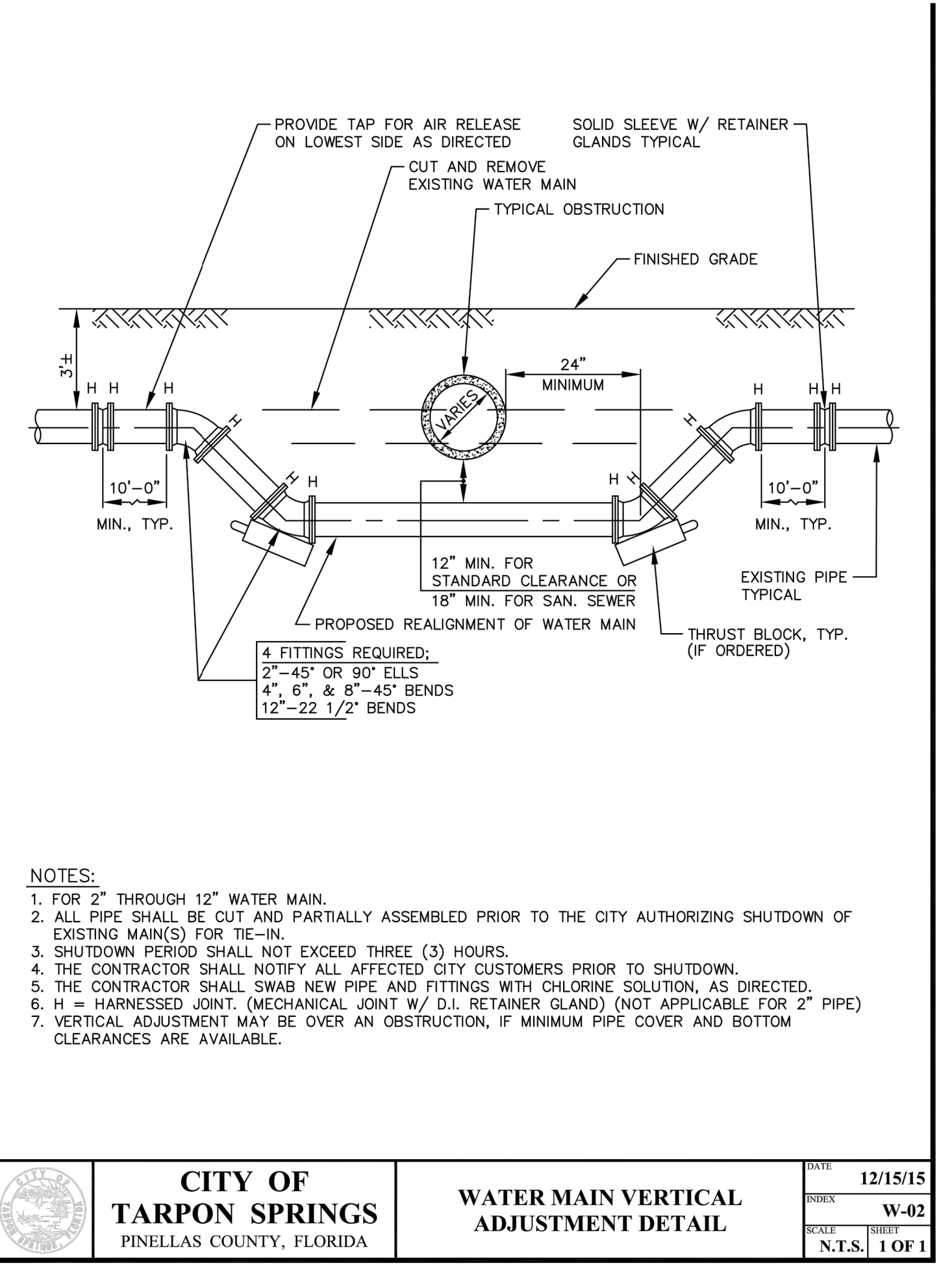
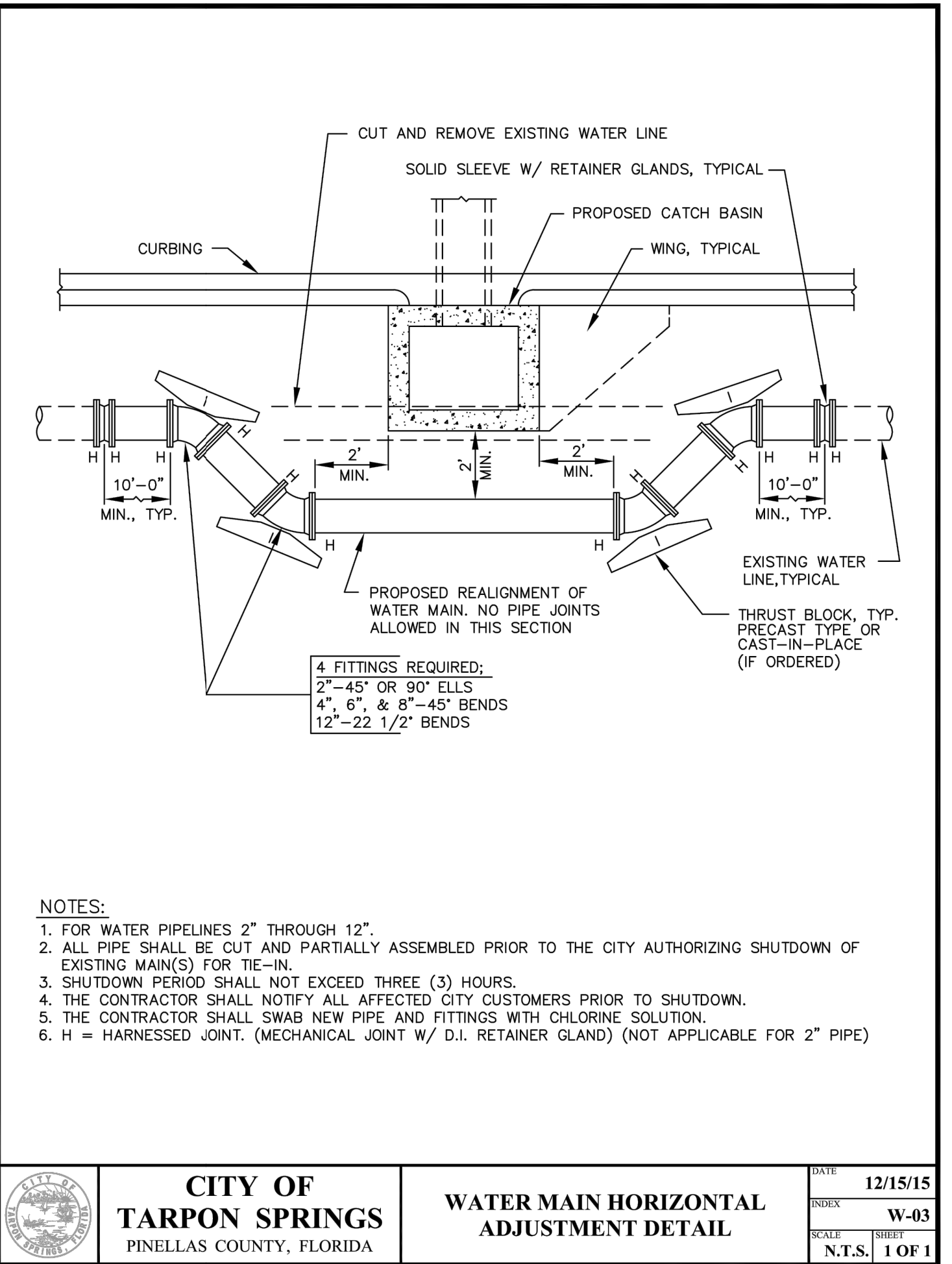
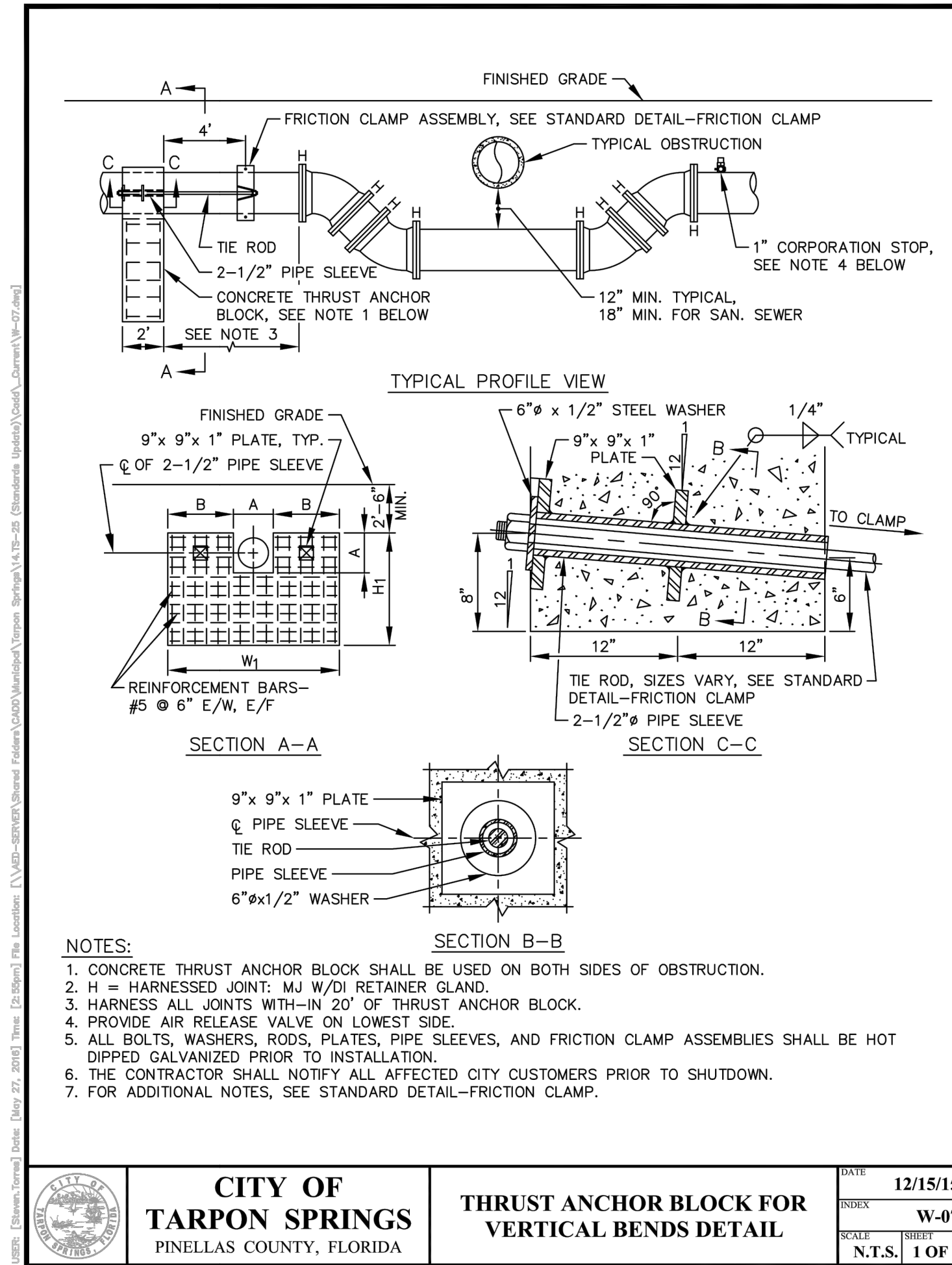
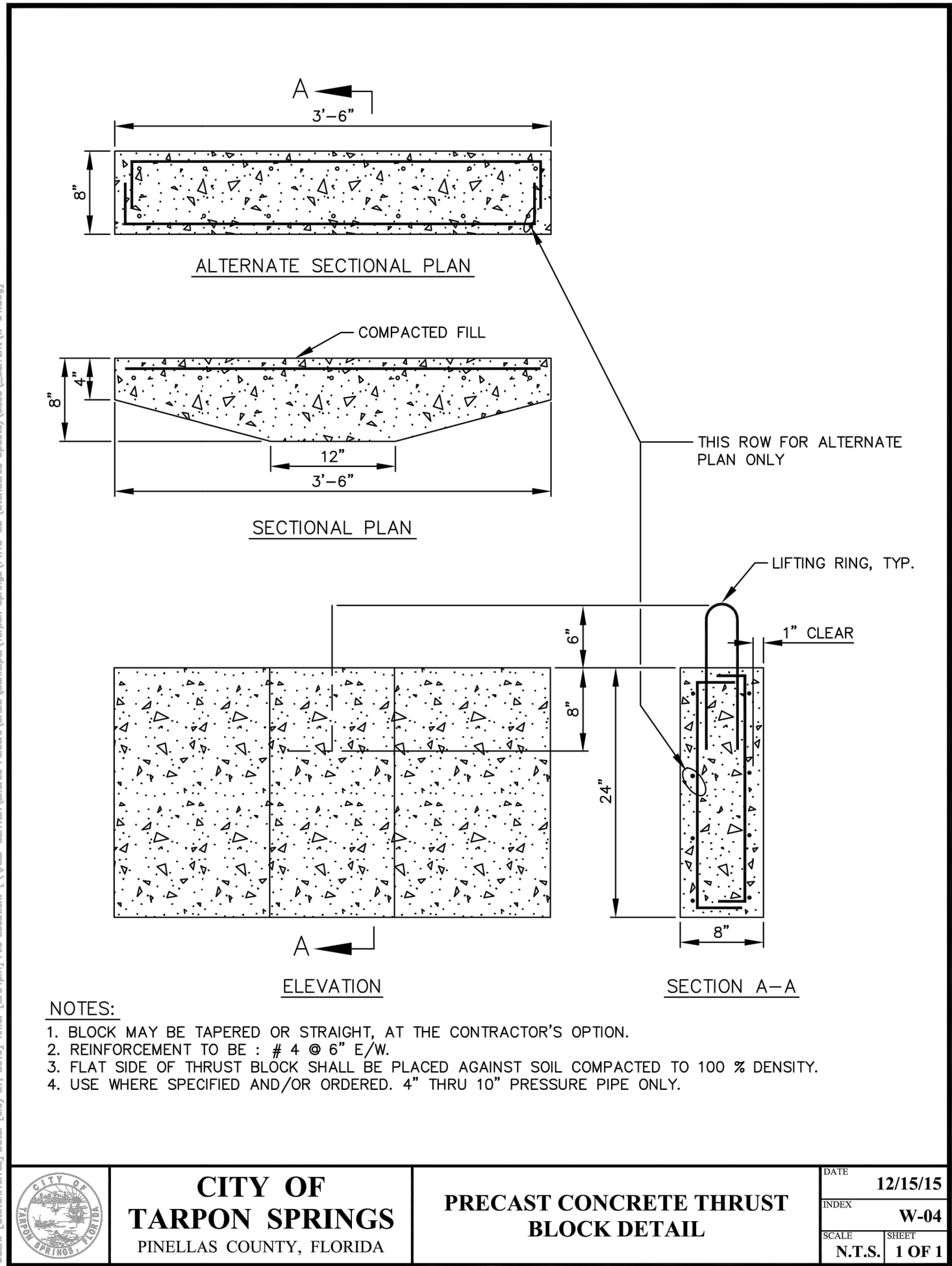
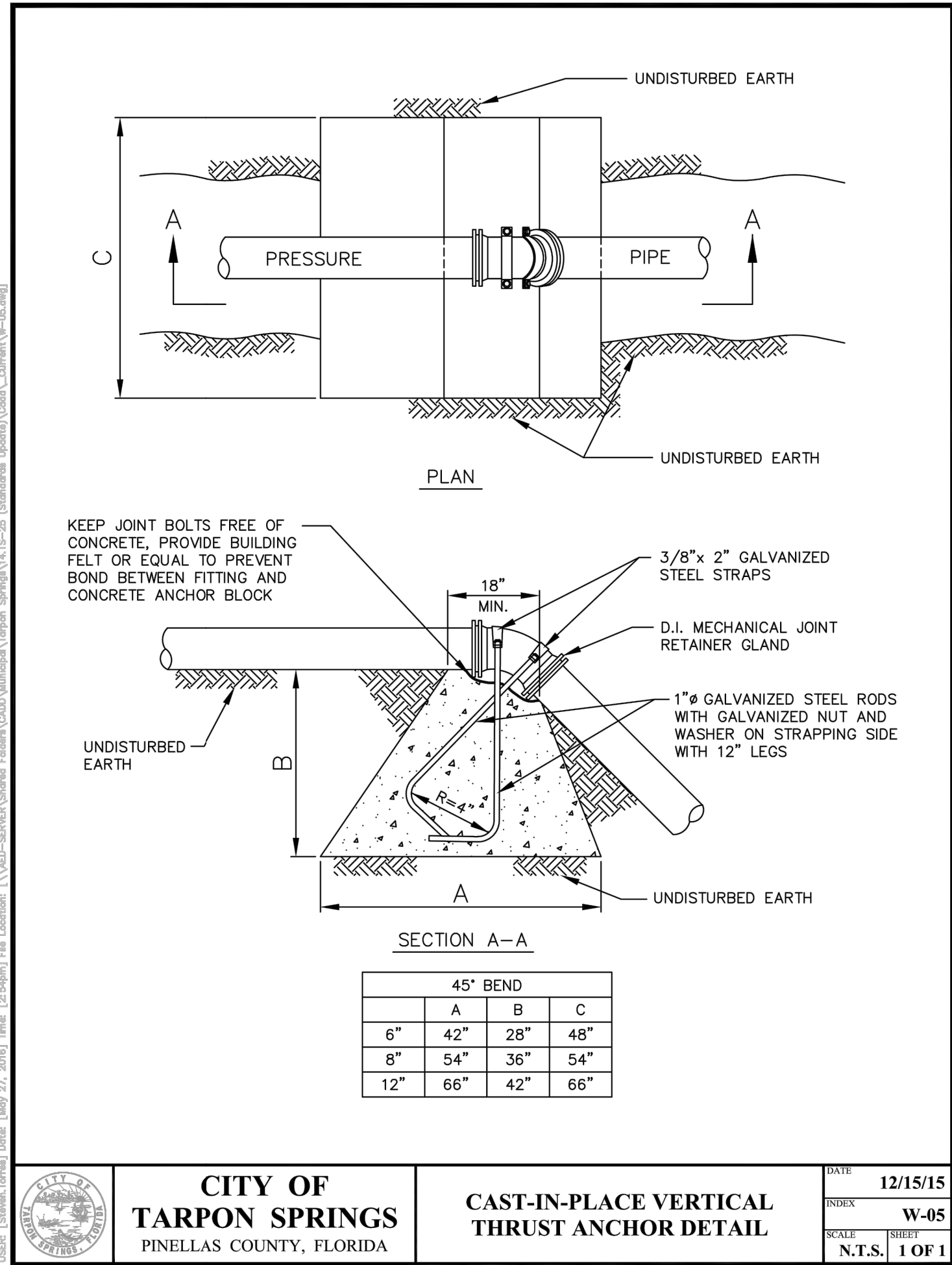
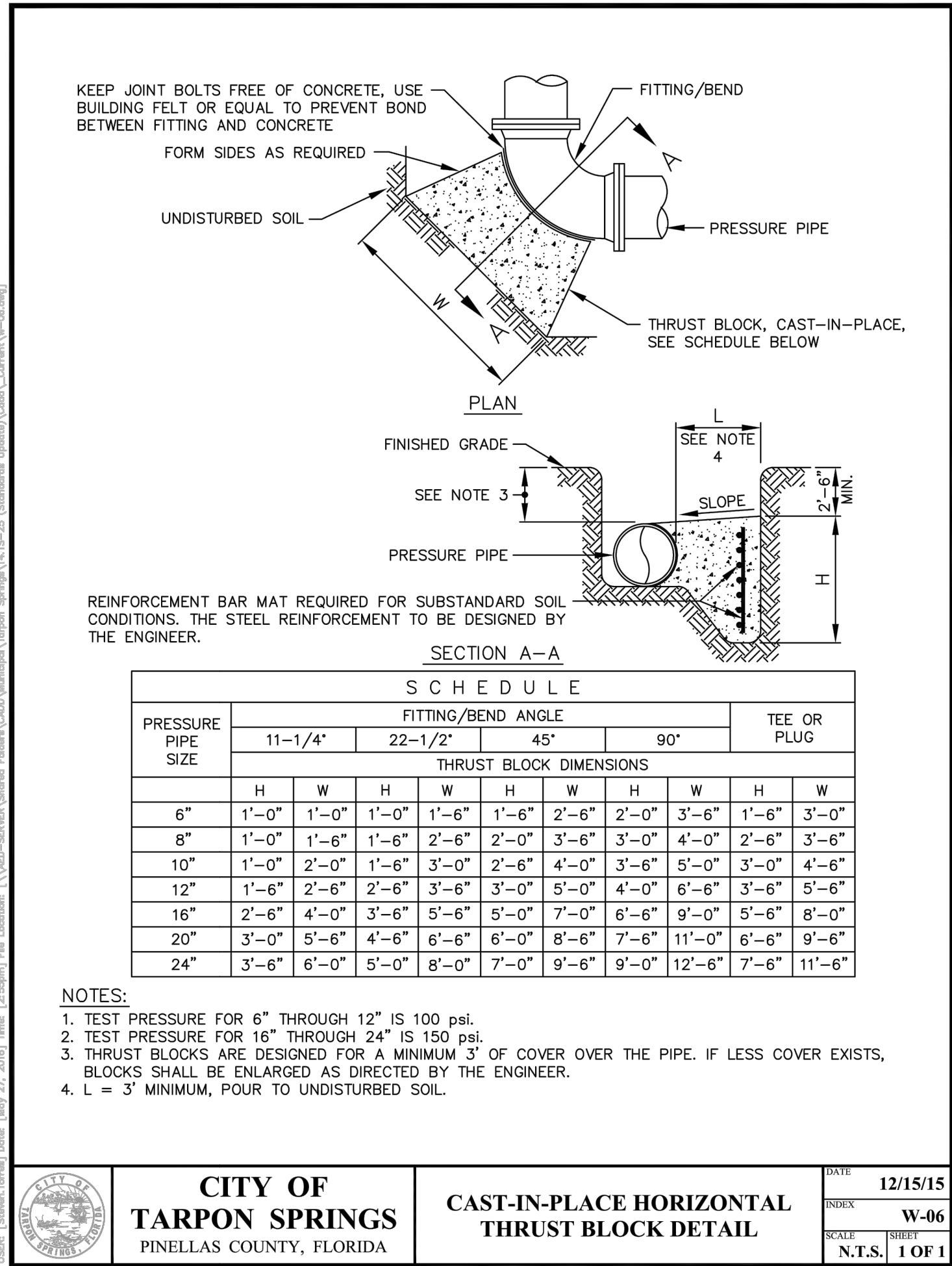












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