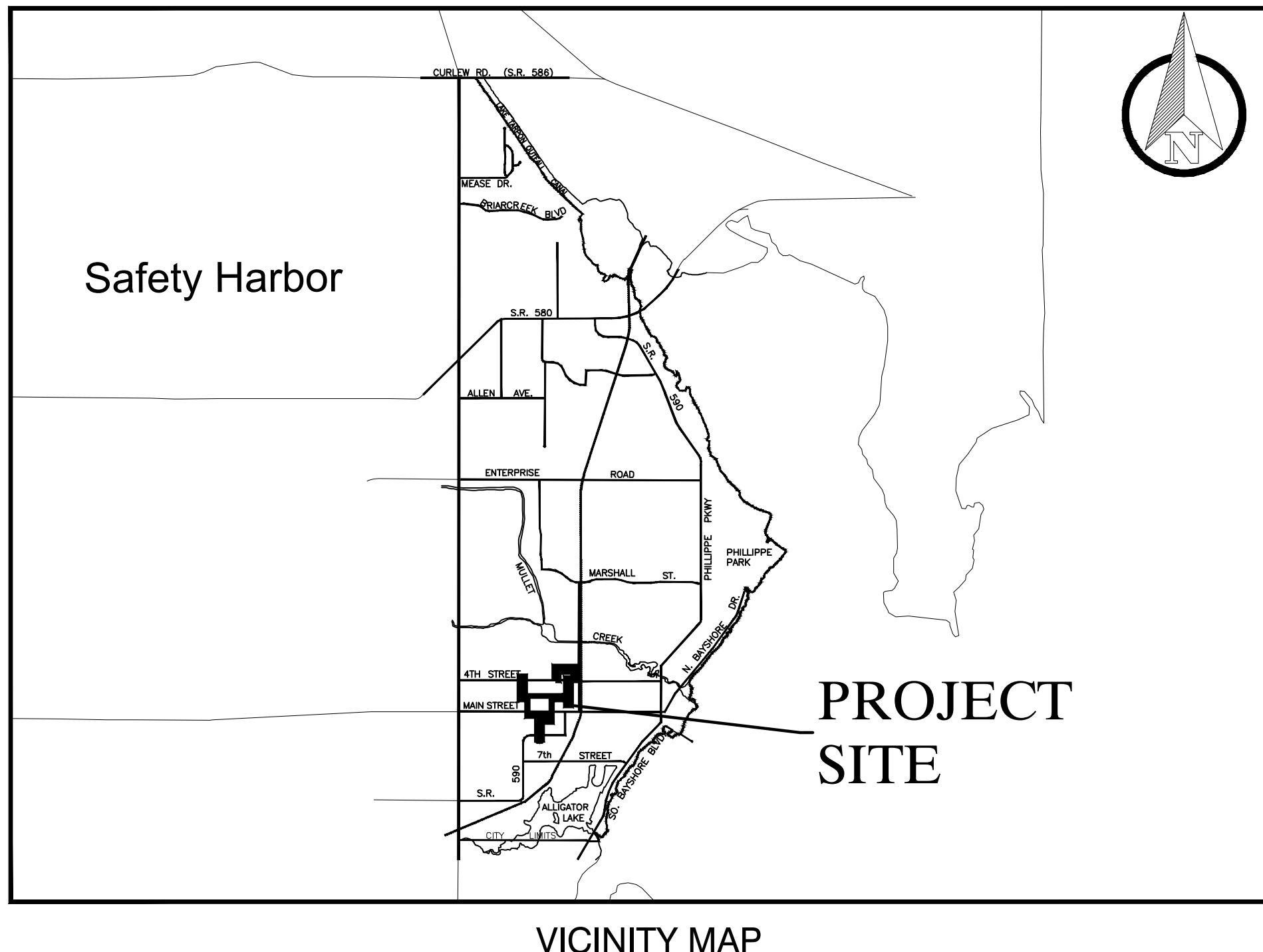
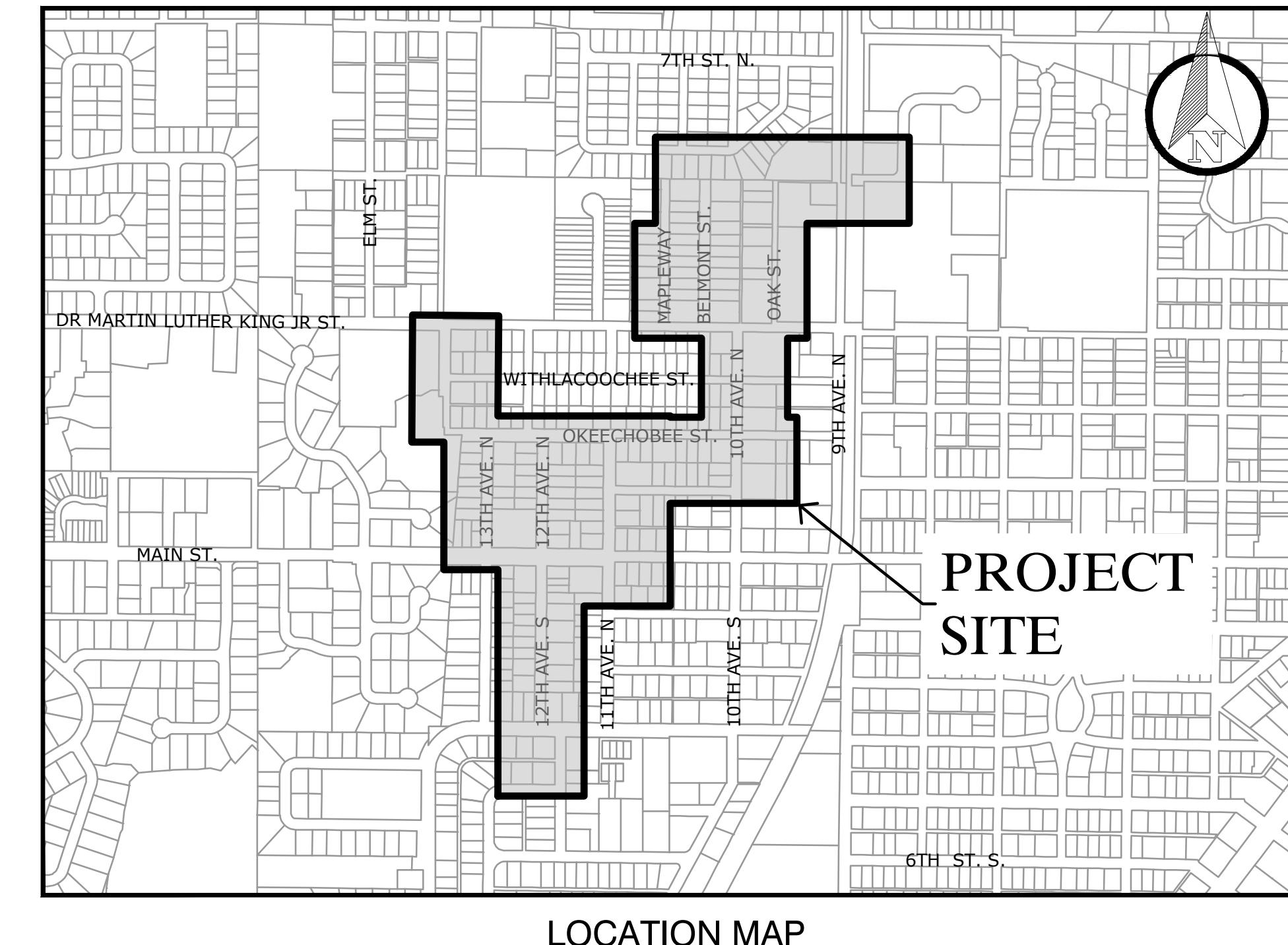


SEMINOLE PARK AND MAPLEWAY WATER MAIN REPLACEMENT (UT0096)

SECTION 04, TOWNSHIP 29 S, RANGE 16 E
CITY OF SAFETY HARBOR



VICINITY MAP



LOCATION MAP

CITY COMMISSION

Joe Ayoub
Carlos Diaz
Andy Steingold
Nancy Besore
Jacob Burnett
Josh Stefancic

Mayor
Vice Mayor
Commissioner
Commissioner
Commissioner
City Manager

CITY OF SAFETY HARBOR

750 MAIN STREET
SAFETY HARBOR, FL. 34695
PHONE: (727) 724-1555

FOR:

BY:

4921 Memorial Highway
One Memorial Center, Suite 300
Tampa, Florida 33634
Phone: (813) 880-8881
www.Ardurra.com
License #2610



S.S.O.C.O.F. TICKET No. 109101359
DATE: 04/15/2021



BID DOCUMENTS

NO.	DATE	REVISION	BY
			G0.00

BID DOCUMENTS
06/25/2025

JOB NO: 0279-00026-2022-0998
DATE: JUNE 2022
SCALE: AS SHOWN

G0.00

BID DOCUMENTS
06/25/2025

ABBREVIATIONS

ABN	ABANDONED	JT	JOINT
AC	ASBESTOS CEMENT	LB#	LICENSED BUSINESS NUMBER
APP	APPARENT	LS	LONG SIDE
APPROX	APPROXIMATE	LT	LEFT
ASPH	ASPHALT	MDPE	MEDIUM DENSITY POLYETHYLENE
ASSY	ASSEMBLY	MH	MANHOLE
AVE	AVENUE	MFR	MANUFACTURER
B OR BL	BASELINE	MAX	MATRIX
BAV	BALL VALVE	MECH	MECHANICAL
BE	BURIED ELECTRIC	MJ	MECHANICAL JOINT
BF	BLIND FLANGE	MIN	MINIMUM
BFD	BACK FLOW PREVENTOR DEVICE	MOD	MODIFIED
BFV	BUTTERFLY VALVE	N	NORTH OR NORTHING
BLDG	BUILDING	NIC	NOT IN CONTRACT
BLK	BLOCK	NTS	NOT TO SCALE
BLVD	BOULEVARD	NO OR #	NUMBER
BM	BENCH MARK	NPT	NATIONAL PIPE TAPER
BOC	BACK OF CURB	O/S	OFFSET
BT	BURIED TELEPHONE	OD	OUTSIDE DIAMETER
(C)	CALCULATED	O R BOOK	OFFICIAL RECORD BOOK
CAT	CATALOG	PVMT	PAVEMENT
CB	CATCH BASIN	PL	PLATE OR PLACE OR PROPERTY LINE
CF	CUBIC FEET	PNT OR PT	POINT
CI	CAST IRON	PC	POINT OF CURVATURE
CL2	CHLORINE	PI	POINT OF INTERSECTION
CL OR C L	CENTER LINE	PSM	PROFESSIONAL SURVEYOR & MAPPER
CLR	CLEAR OR CLEARANCE	PVI	POINT OF VERTICAL INTERSECTION
CM	CONCRETE MONUMENT	PT	POINT OF TANGENCY
CMP	CORRUGATED METAL PIPE	PVC	POLYVINYL CHLORIDE
CMU	CONCRETE MASONRY UNIT	LB. OR #	POUND
CO	CLEANOUT	PSI	POUNDS PER SQUARE INCH
CONC	CONCRETE	PP	POWER POLE
CONN	CONNECTION	PROP	PROPOSED
CONST	CONSTRUCTION	PS	PUMP STATION
CONT	CONTINUOUS	R	RADIUS
CORP	CORPORATION	RWM	RAW WATER MAIN
CORR	CORRUGATED	RCW	RECLAIMED WATER
CPLG	COUPLING	RD	ROAD
CV	CHECK VALVE	RP	RADIUS POINT
CY	CUBIC YARDS	RED	REDUCER
DBL	DOUBLE	REINF	REINFORCE(ING)
DEPT	DEPARTMENT	RCP	REINFORCED CONCRETE PIPE
DET	DETAIL	REQD	REQUIRED
DI	DUCTILE IRON	ROT	ROTATE
DIA	DIAMETER	RT	RIGHT
DIM	DIMENSION	RWGV	RESILIENT WEDGE GATE VALVE
DIP	DUCTILE IRON PIPE	R/W	RIGHT-OF-WAY
DWG	DRAWING	SAN OR SSWR	SANITARY (SEWER)
E	EAST OR EASTING	SCH	SCHEDULE
EA	EACH	SCO	SANITARY CLEANOUT
ECC	ECCENTRIC	SCP	SURVEY CONTROL POINT
ELEC	ELECTRIC OR ELECTRICAL	SHT	SHEET
EL OR ELEV	ELEVATION	SIR	SET IRON ROD
EOB	EDGE OF BRICK	SIRC	SET IRON ROD AND CAP
EOP	EDGE OF PAVEMENT	SMH	SANITARY MANHOLE
EQUIP	EQUIPMENT	S/W	SIDEWALK
EX OR EXIST	EXISTING	SL	SANITARY SEWER LATERAL
EXP	EXPANSION	SPECS	SPECIFICATIONS
FDOT	FLORIDA DEPT. OF TRANSPORTATION	SS	STAINLESS STEEL OR SHORT SIDE
FHA	FIRE HYDRANT ASSEMBLY	ST	STREET
FIR	FOUND IRON ROD	STD	STANDARD
FIRC	FOUND IRON ROD WITH CAP	STA	STATION
FLEX	FLEXIBLE	STM	STORM
FLG	FLANGE	SQ	SQUARE
FLR	FLOOR	TEL	TELEPHONE
FM	FORCE MAIN	TEMP	TEMPORARY
FND, FN&D	FOUND NAIL & DISK	THD	THREADED
FOC	FIBER OPTIC CABLE	THK	THICK
FOW	FACE OF WALK	TOC	TOP OF CONCRETE
FT	FEET	TRV	SURVEY TRAVERSE POINT
FTG	FITTING OR FOOTING	TS	TRAFFIC SIGN
GA	GAUGE OR GAGE	TS&V	TAPPING SLEEVE AND VALVE
GAL	GALLON	TYP	TYPICAL
GALV	GALVANIZED	UD	UNDERDRAIN
GE	GRATE ELEVATION	UG	UNDERGROUND
GPM	GALLONS PER MINUTE	VCP	VITRIFIED CLAY PIPE
GRD	GRADE	WSC	WATER SERVICE CONNECTION
GS	GROUND SHOT	WM	WATER MAIN
GSP	GALVANIZED STEEL PIPE	WV	WATER VALVE
GV	GATE VALVE		
HDD	HORIZONTAL DIRECTIONAL DRILL		
HDPE	HIGH DENSITY POLYETHYLENE		
HDWL	HEADWALL		
HORIZ	HORIZONTAL		
HWY	HIGHWAY		
ID	INSIDE DIAMETER		
IN	INCH		
INV OR IE	INVERT (ELEVATION)		
IR	IRON ROD		
IV	IRRIGATION VALVE		

LEGEND

T.U.B.	= TELEPHONE UTILITY BOX
F.H.	= EXISTING FIRE HYDRANT
F.D.C.	= FIRE DEPARTMENT CONNECTION
U.P.	= UTILITY POLE
L.P.	= LIGHT POLE
U.L.P.	= UTILITY & LIGHT POLE
G.P.	= GUY POLE
	= GUY WIRE
H.H.	= ELECTRIC HAND-HOLE
U.G.G.	= UNDERGROUND GAS LINE MARKER
T.S.B.	= TRAFFIC SIGNAL UTILITY BOX
T.S.P.	= TRAFFIC SIGNAL POLE
	= CONC.
	= EX. WATER SERVICE CONNECTION
	= D.C.O.
	= STORM SEWER CLEANOUT, PIPE & MANHOLE
FIR	= FOUND IRON ROD (SIZE AND IDENTIFICATION IF SHOWN)
FCR	= FOUND IRON ROD WITH CAP (SIZE AND IDENTIFICATION IF SHOWN)
FND	= FOUND NAIL & DISK (TYPE AND IDENTIFICATION IF SHOWN)
FOP	= FOUND IRON PIPE (SIZE AND IDENTIFICATION IF SHOWN)
SIR	= SET 1/2" IRON ROD & CAP L.B.#2610
	= HAND AUGER BORING
	= SPT BORING
	= SIGN
	= RIGHT OF WAY LINE
	= PROPERTY LINE
	= JURISDICTIONAL LINE
	= EDGE OF PAVEMENT
	= FENCE
	= EXISTING WATER MAIN
	= EXISTING FORCE MAIN
	= EXISTING SANITARY SEWER
	= EXISTING STORM SEWER
	= EXISTING UNDERDRAIN
	= EXISTING BURIED TELEPHONE
	= EXISTING BURIED FIBER OPTIC CABLE
	= EXISTING BURIED ELECTRIC
	= EXISTING BURIED CABLE TV
	= EXISTING GAS MAIN
	= EXISTING OVERHEAD UTILITY LINE
	= PROPOSED WATER MAIN
	= PROPOSED FH4
	= EXISTING MAILBOX
	= EXISTING WATER METER BOX
	= NEW 11"x32" GLASMASTERS METER BOX #S113212F2N08-1 LID #S1132RN08-1-WA
	= CHLORINATION POINT
	= COMM MANHOLE
	= SANITARY MANHOLE
	= STORM MANHOLE
	= SAMPLE POINT
	= TEMPORARY BLOW OFF
	= LOCATE STATION
	= RESTRAINED PIPE SLEEVE
	= DEADMAN
	= HDD PIT
	= GROUT FILLED & ABANDONED IN PLACE
	= REMOVED

TREE LEGEND

	= 12" UNKNOWN TYPE TREE
	= 12" CHERRY LAUREL
	= 12" WILLOW TREE
	= 12" HOLLY TREE
	= 12" DEAD TREE
	= 12" CHINESE TALLOW TREE
	= 12" JACARANDA TREE
	= 12" MULBERRY TREE
	= 12" PALM TREE
	= 12" BAY TREE
	= 12" MAGNOLIA TREE
	= 12" CITRUS TREE
	= 12" BIRCH
	= 12" EUCALEYPTUS TREE
	= 12" CAMPHOR TREE
	= 12" SYCAMORE TREE
	= 12" PINE TREE
	= 12" AUSTRALIAN PINE
	= 12" CHINABERRY TREE
	= 12" CEDAR TREE
	= 12" ELM TREE
	= 12" MAPLE TREE
	= 12" WAX MYRTLE TREE
	= 12" PUNK TREE
	= 12" CYPRESS TREE
	= 12" EAR TREE
	= 12" SWEET GUM TREE

FDOT CONSTRUCTION NOTES

- WHEN DIRECTIONAL BORE IS THE METHOD OF INSTALLATION, A MINIMUM 24-INCH SEPARATION SHALL BE MAINTAINED FROM ALL EXISTING UTILITIES, ITS/ATMS LINES, AND STORM DRAIN SYSTEMS WHILE MAINTAINING THE MINIMUM REQUIRED DEPTH UNDER PAVEMENT OR NON-PAVED GROUND.
- IF THE PROPOSED UTILITY CANNOT BE INSTALLED PER THE APPROVED PERMITTED PLAN AND BY FDOT SPECIFICATIONS, A REVISED PLAN MUST BE PROVIDED TO THE DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE INSTALLATION OF PRODUCTS OR MATERIALS AT THE GIVEN LOCATIONS WHERE CONFLICTS OCCUR.
- ANY NEW PROPOSED PLAN SHALL INCLUDE CROSS SECTIONS, PLAN VIEWS AND PROFILES OF THE STATE ROAD ADEQUATELY REFLECTING ALL RIGHT-OF-WAY FEATURES INCLUDING BUT NOT LIMITED TO EXISTING UTILITIES, STORM DRAIN SYSTEMS AND ANY ABOVE OR BELOW GROUND APPURTENANCES WHERE APPLICABLE.
- 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 (INDEX 660) IN-PLACE PRIOR TO PATHWAY BEING AFFECTED.
- ALL TEMPORARY PEDESTRIAN PATHWAYS MUST BE FIRM AND UNYIELDING.
- ANY SIDEWALK DISTURBED WILL BE REPLACED BY SECTION WITHIN 72 HOURS TO FDOT SPECIFICATIONS.
- ALL CONCRETE PLACED WITHIN FDOT RIGHT-OF-WAY FOR DRIVEWAYS AND SIDEWALKS SHALL BE A MINIMUM OF 6 INCHES THICK AND BE AN FDOT-APPROVED MIX, CLASS 1 NON-STRUCTURAL, 2,500 PSI WITH FIBER MESH.
- FDOT RESERVES THE RIGHT TO MAKE ADJUSTMENTS TO ANY PERMITTED METHOD OF INSTALLATION, SCOPE OF WORK, AND RESTORATION THAT MAY BE REQUIRED TO POSITIVELY SUPPORT LIFE, SAFETY, AND ENVIRONMENTAL WELL-BEING OF ALL USERS OF THE TRANSPORTATION SYSTEM.
- THE PERMITTEE SHALL NOTIFY THE FDOT OF DATE OF COMPLETION, REQUEST A FINAL INSPECTION, AND A NOTICE OF FINAL ACCEPTANCE.
- ALL CONSTRUCTION AND/OR MAINTENANCE IN THE FDOT RIGHT-OF-WAY SHALL CONFORM TO THE FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL 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, (LATEST EDITION).
- PRIOR TO REMOVAL OF EXISTING CURB OR DRIVEWAY, THE EDGE OF TRAVEL SHALL BE SAWCUT TO AVOID DAMAGING THE EXISTING ROADWAY ASPHALT. ALL CONCRETE TO BE REMOVED IN FDOT RIGHT-OF-WAY SHALL BE SAWCUT AND REMOVED FROM THE NEAREST JOINT. (LATEST EDITION)
- NO LANE CLOSURE OF ANY STATE ROADWAY IS ALLOWED WITHOUT A MINIMUM OF TWO (2) BUSINESS DAYS ADVANCE NOTIFICATION AND APPROVAL FROM FDOT.
- LANE CLOSURES MUST BE LIMITED TO SUNDAY THROUGH THURSDAY 8:00 PM TO 5:30 AM UNLESS OTHERWISE APPROVED BY FDOT.
- ANY SIDEWALK DAMAGED BECAUSE OF WORK BEING PERFORMED IN ASSOCIATION WITH THE PERMITTEE AND CONTRACTOR SHALL BE REMOVED AND REPLACED WITH 6-INCH THICK CLASS 1 NON-STRUCTURAL, 2,500 PSI WITH FIBER MESH.
- OPEN CUTTING OF ANY ROADWAY, DRIVEWAY OR SIDEWALK OUTSIDE THOSE LIMITS IDENTIFIED WITHIN THE PERMIT ARE NOT ALLOWED WITHOUT PRIOR APPROVAL OF FDOT.
- THE CONTRACTOR SHALL HAVE AN AUTHORIZED PERSON AVAILABLE AT/OR NEAR THE WORK SITE ON A 24-HOUR BASIS, 7 DAYS A WEEK IN ORDER TO ADDRESS EMERGENCY ISSUES ASSOCIATED WITH THE PROJECT.
- NO STOCKPILING, STORING OR SEMI-PERMANENT USE OF THE RIGHT-OF-WAY IS AUTHORIZED UNLESS SPECIFICALLY IDENTIFIED WITHIN THE PERMIT.
- NO WORK SHALL BE PERFORMED DURING THE WEEKS OF ANY STATE OR FEDERAL HOLIDAY UNLESS OTHERWISE APPROVED IN WRITING BY FDOT.
- THE PERMITTED WORK SCHEDULE IS DEFINED AS MONDAY THROUGH FRIDAY 7:00 AM TO 5:30 PM UNLESS OTHERWISE NOTED WITHIN THE PERMIT. ANY WORK DESIRED OUTSIDE OF THIS PERIOD MUST BE REQUESTED IN ADVANCE AND APPROVED BEFORE WORKING THE ALTERNATE SCHEDULE.
- WHEN WORK IS ASSOCIATED WITH ROADWAY MODIFICATIONS AND/OR SITE DEVELOPMENT, THE CONTRACTOR IS REQUIRED TO HAVE A PRECONSTRUCTION MEETING WITH THE FDOT INSPECTOR TWO WEEKS PRIOR TO ANY

REPORT OF SURVEY

- TYPE OF SURVEY: TOPOGRAPHIC SURVEY. ANY USE OF THIS SURVEY FOR PURPOSES OTHER THAN WHICH IT WAS INTENDED, WITHOUT WRITTEN VERIFICATION, WILL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO THE SURVEYOR. NOTHING HEREIN SHALL BE CONSTRUED TO GIVE ANY RIGHTS OR BENEFITS TO ANYONE OTHER THAN THOSE CERTIFIED TO.
- NO INSTRUMENTS OF RECORD REFLECTING EASEMENTS, RIGHTS-OF-WAY, AND/OR OWNERSHIP WERE FURNISHED TO OR PURCHASED BY THE UNDERSIGNED OTHER THAN THOSE SHOWN HEREON. EASEMENTS OR RESTRICTIONS OF RECORD OTHER THAN THOSE SHOWN HEREON MAY EXIST.
- NO EXCAVATION WAS PERFORMED TO VERIFY THE LOCATION OR EXISTENCE OF ANY UNDERGROUND IMPROVEMENTS, STRUCTURES, OR FOUNDATIONS. UNDERGROUND UTILITIES SHOWN HEREON ARE SHOWN PER ABOVE GROUND EVIDENCE AND/OR RECORD DRAWINGS OR MUNICIPAL ATLAS INFORMATION AND THE LOCATION OF ALL UNDERGROUND UTILITY LINES ARE APPROXIMATE ONLY. THIS DOCUMENT SHOULD NOT BE RELIED UPON FOR EXCAVATION OR CRITICAL DESIGN FUNCTIONS WITHOUT FIELD VERIFICATION OF UNDERGROUND UTILITY LOCATIONS. UTILITIES OTHER THAN THOSE SHOWN HEREON MAY EXIST.
- UNLESS IT BEARS THE ORIGINAL SIGNATURE AND SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP AND REPORT IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.
- ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
- ADJOINING PROPERTY SHOWN HEREON ARE BASED ON INFORMATION OBTAINED FROM THE COUNTY PROPERTY APPRAISER WEB SITE AND IS FOR INFORMATIONAL PURPOSES ONLY.
- SEE MAP OF SURVEY FOR ON SITE TEMPORARY BENCHMARKS (TBM).
- ELEVATIONS SHOWN HEREON ARE IN FEET AND ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). CONTROL MONUMENTS UTILIZED ARE DESIGNATED AS "BOOTH J" (PID = AL0128), HAVING A PUBLISHED ELEVATION OF 13.16 FEET, AND AS "BOOTH H" (PID = AL0127), HAVING A PUBLISHED ELEVATIONS OF 9.69 FEET, PUBLISHED BY THE NATIONAL GEODETIC SURVEY.
- BEARINGS AND DISTANCES SHOWN HEREON ARE MEASURED UNLESS QUALIFIED OTHERWISE.
- BEARINGS SHOWN HEREON ARE MEASURED UNLESS OTHERWISE NOTED AND ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD 83 (2011) AND WERE DERIVED BY REDUNDANT GLOBAL POSITIONING SYSTEM (GPS) OBSERVATIONS UTILIZING A VIRTUAL REFERENCE STATION REAL TIME NETWORK (RTN) SOLUTION. BEARINGS SHOWN HEREON, AND QUALIFIED AS (D) FOR DEED, (P) FOR PLAT ARE A MEANS TO REFERENCE THE SURVEYED PARCEL TO THE DEED OR PLAT OF RECORD. MORE SPECIFICALLY THE CONTROL LINE AS SHOWN HEREON, AS BEING NORTH 19°07'12" WEST.
- BY SCALED DETERMINATION THE SUBJECT PROPERTY APPEARS TO LIE IN FLOOD ZONE X (MINIMAL FLOOD HAZARD), PER FLOOD INSURANCE RATE MAP, MAP NUMBERS 12103C0089G, MAP EFFECTIVE DATES 9-03-2003. AN ACCURATE ZONE DETERMINATION SHOULD BE MADE BY THE PREPARER OF THE MAP, THE FEDERAL EMERGENCY MANAGEMENT AGENCY, OR THE LOCAL GOVERNMENT AGENCY HAVING JURISDICTION OVER SUCH MATTERS PRIOR TO ANY JUDGMENTS BEING MADE FROM THE ZONE AS NOTED.
- DISTANCES SHOWN HEREON ARE IN U.S. SURVEY FEET.
- LAST DATE OF FIELD SURVEY: 02/01/2021
- AERIAL IMAGERY SHOWN HEREON WAS OBTAINED FROM PINELLAS COUNTY. THE AERIAL IMAGE IS USED AS A BACKGROUND FOR LOCATION PURPOSES ONLY AND IS NOT TO BE CONSIDERED SURVEYED DATA FOR THIS SURVEY.

FLORIDA ONE CALL (IRTH ONE CALL)

- EXISTING UTILITY INFORMATION WAS PROVIDED VIA IRTH ONE CALL, FIELD TICKET #109101359-000. PER THE DESIGN TICKET, THE FOLLOWING ARE THE UTILITY CONTACTS:
 - CITY OF SAFETY HARBOR PUBLIC WORKS - JAMIE AHRENS - (727) 724-1550 EXT. 2008
 - CHARTER COMMUNICATIONS - JEREMY CORNETTE - (863) 581-5734
 - CLEARWATER GAS - JACINTA CORCOBA - (727) 422-9998
 - DUKE ENERGY-ST. PETERSBURG - STEPHANIE OLMO - (407) 905-3376
 - FRONTIER COMMUNICATIONS - TONI CANNON - (813) 875 - 1014
 - KNOLOGY (WIDE OPEN WEST) - RICHARD LAGANGA - (727) 422 - 8040
 - PINELLAS COUNTY HWY/ENG - TREVOR SINGH - (727) 464-8880
 - MCI VERIZON - TIMOTHY COLE - (800) 624-9675 EXT. 2
 - UNITI FIBER - CHARLIE CROFT - (251) 214-7059
- EXISTING UTILITY INFORMATION IS FOR INFORMATIONAL PURPOSES ONLY. EXISTING UTILITIES SHOWN ARE ILLUSTRATED FROM DRAWINGS PROVIDED BY THE UTILITY COMPANIES, COMBINED WITH VISUAL ABOVE GROUND APPURTENANCES AND MARKINGS PLACED BY THE UTILITIES.
- THE CONTRACTOR SHALL PROVIDE AT LEAST FORTY EIGHT (48) HOURS NOTICE TO ALL EXISTING UTILITY COMPANIES IN ORDER TO ALLOW FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES IN ADVANCE OF CONSTRUCTION. THE CONTRACTOR SHALL CONTACT "SUNSHINE STATE ONE CALL" 48 HOURS PRIOR TO OPERATIONS AT 1-800-432-4770.

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 CONCLUSIONS REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH THEIR BIDS WILL BE BASED.
- THE CONTRACTOR SHALL EMPLOY THE SERVICES OF A FLORIDA REGISTERED SURVEYOR AND MAPPER TO ESTABLISH THE PROPOSED PIPELINE, PROPERTY LINES, RIGHT-OF-WAY LINES, EASEMENTS, BASELINES, BENCH MARKS (ELEVATION), CENTER LINES AND STATIONING AS REQUIRED TO CONSTRUCT THIS PROJECT.
- LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, OTHER FEATURES AND PROPOSED FUTURE WORK ARE SHOWN BASED ON THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THERE MAY BE OTHER IMPROVEMENTS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXACT LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES (WHETHER OR NOT SHOWN ON THESE PLANS) AFFECTING HIS WORK. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR RE-WORK RESULTING FROM FAILURE TO COMPLY WITH THESE INSTRUCTIONS.
- THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER IMMEDIATELY TO REPORT ANY CONFLICTS BETWEEN WHAT IS SHOWN HEREIN AND ACTUAL CONDITIONS DISCOVERED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES TO RESOLVE CONFLICTS THAT MAY ARISE IN THE FIELD DURING CONSTRUCTION.
- THE CONTRACTOR SHALL COORDINATE WITH THE POWER COMPANY AND OTHER UTILITIES TO OBTAIN SUPPORT FOR UTILITY POLES WHERE CONSTRUCTION MAY CAUSE THE POLE TO LOSE ITS SUPPORT.
- FIELD CONDITIONS MAY NECESSITATE ALIGNMENT AND GRADE DEVIATION OF THE PROPOSED UTILITIES TO AVOID OBSTACLES, AS APPROVED BY THE ENGINEER OR THE OWNER'S REPRESENTATIVE.
- EXISTING SANITARY SEWER LATERALS SHOWN ARE FOR INFORMATION PURPOSES ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD LOCATE ALL SERVICE LATERALS PRIOR TO CONSTRUCTION.
- UTILITY SERVICES SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. EXCEPT FOR MINOR SHUT-DOWNS AS AUTHORIZED BY THE CITY.
- THE CONTRACTOR, WORKING WITH THE ENGINEER AND THE OWNER, SHALL COORDINATE THE SHUTDOWN, STARTUP AND/OR PARTIAL INTERFERENCE WITH ONGOING SYSTEM OPERATIONS. INSTALLATION AND WORK ON THE EXISTING SYSTEMS ARE NOT TO BE MADE DURING TIMES OF PEAK FLOWS. WRITTEN REQUEST SHALL BE PROVIDED 48 HOURS PRIOR TO SHUTTING DOWN ANY WATER MAIN.
- CONSTRUCTION OF PORTIONS OF THE PROJECT, AUTHORIZED BY PERMIT OR LICENSE AGREEMENT, ARE SUBJECT TO INSPECTION AND TESTS AS MAY BE NECESSARY BY THE PERMIT GRANTING AUTHORITY. ALL CONTRACTOR SUPERVISORY

PERSONNEL SHALL FURNISH INFORMATION TO AND COOPERATE WITH THESE AUTHORITIES IN CONDUCTING THEIR TESTING AND INSPECTION PROGRAM.

- WORK SHALL BE IN ACCORDANCE WITH THE LATEST APPLICABLE FEDERAL, STATE AND LOCAL AGENCY'S REGULATIONS AND STANDARDS.
- ALL MATERIALS, INSTALLATION, AND TESTING SHALL BE PERFORMED IN COMPLIANCE WITH THE FDEP "NOTICE OF INTENT TO USE THE GENERAL PERMIT FOR CONSTRUCTION OF WATER MAIN EXTENSIONS FOR PWS'S", WHICH HAVE BEEN OBTAINED FOR THIS PROJECT.
- CONTRACTOR SHALL COMPLY WITH THE "TRENCH SAFETY ACT", CHAPTER 90-96, FLORIDA STATUTES.
- SIGNS & BARRICADES SHALL BE IN ACCORDANCE WITH LATEST F.D.O.T. MANUAL OF SAFE PRACTICES; REFERENCE F.D.O.T. INDEXES 600 THROUGH 670 AND 17349 PER ROADWAY AND TRAFFIC DESIGN STANDARDS LATEST EDITION.
- THE CONTRACTOR SHALL NOT ENTER UPON OR IN ANY WAY ALTER ANY WETLAND AREAS THAT MAY BE ENCOUNTERED. ALL WORK IN THE VICINITY OF OPEN WATER AND/OR WETLANDS IS TO BE PERFORMED IN COMPLIANCE WITH THE ENVIRONMENTAL REGULATIONS AND/OR PERMITS FOR THE PROJECT. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY FINE RESULTING FROM HIS VIOLATION OF ANY REGULATIONS OR PERMIT CONDITIONS.
- SPECIAL PIPE FOUNDATIONS, IF REQUIRED, SHALL BE DETERMINED IN THE FIELD AND THE TYPE REQUIRED WILL BE AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE ALL REQUIRED SHEETING AND TRENCH SHORING REQUIRED TO PROTECT EXISTING UTILITIES AND OTHER FACILITIES INTENDED TO REMAIN IN SERVICE.
- ALL VALVES SHALL BE APPROPRIATELY TAGGED OR LABELED. ALL PIPING, PIPELINES, VALVES, AND OUTLETS SHALL BE COLOR-CODED BLUE, OR OTHERWISE MARKED, ALL VALVE BOX COVERS SHALL BE MARKED "WATER".
- JOINT RESTRAINT SHALL BE PROVIDED AT ALL FITTINGS UNLESS NOTED OTHERWISE ON PLANS. THE MINIMUM LINEAR FEET RESTRAINED ON BOTH SIDES OF FITTINGS OR VALVES FOR DUCTILE IRON PIPE SHALL BE AS SHOWN ON THE DETAILS PROVIDED IN THESE DRAWINGS.
- THE CONTRACTOR SHALL LOCATE ANY POTENTIAL UTILITY CONFLICTS AND PROVIDE FITTINGS AND RESTRAINTS AS NECESSARY AHEAD OF PIPE LAYING OPERATIONS.
- CONTRACTOR SHALL USE TRENCH BOXES, SHEETING AND OTHER MEANS TO LIMIT THE WIDTH OF THE TRENCH AND AVOID ENCROACHMENT AND DAMAGE TO ADJACENT PROPERTY.
- CONTRACTOR SHALL PROVIDE A DECHLORINATION PLAN AND DESCRIPTION OF THE METHODS FOR DISPOSAL TO THE ENGINEER OF RECORD AND CITY OF SAFETY HARBOR FOR APPROVAL.
- CONTRACTOR SHALL PROVIDE THE CITY OF SAFETY HARBOR WITH 24 HOUR NOTICE PRIOR TO COMMENCING WORK WITHIN THE CITY LIMITS AND 48 HOUR NOTICE PRIOR TO PERFORMING ANY WET TAP TO THE CITY'S WATER DISTRIBUTION SYSTEM. WET TAPS ARE ONLY PERMITTED TO BE PERFORMED ON MONDAY OR TUESDAY AND BETWEEN THE HOURS OF 9:30AM-1:00PM.
- ANY DIGGING AND/OR DISTURBANCE TO THE ROADSIDE SWALES WITHIN THE RIGHT-OF-WAY OF THE CITY OF SAFETY HARBOR SHALL BE PROPERLY GRADED, SODDED AND RESTORED. CONTACT THE CITY OF SAFETY HARBOR PUBLIC WORKS DEPARTMENT. HYDROSEED SHALL NOT BE ACCEPTABLE.
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING PINELLAS COUNTY & CITY OF SAFETY HARBOR AGENCIES A MINIMUM OF 2 WEEKS IN ADVANCE IN WRITING, OF ANY ROAD CLOSURES, DETOURS AND CONSTRUCTION ACTIVITIES PRIOR TO CONSTRUCTION. THE NOTICE SHALL BE ACCOMPANIED WITH A SCHEDULE OF ROAD CLOSURES AND ANTICIPATED INTERRUPTIONS IN TRAFFIC.

SCHOOL BOARD OF PINELLAS COUNTY
ATTN: CAMMIE WEEKS
TRANSPORTATION DIVISION
CLERK OF ROAD CLOSURES
11111 SOUTH BELCHER ROAD
LARGO, FLORIDA 33773
PHONE: 727-587-2020
E-MAIL: weeksc@pcsb.org

SAFETY HARBOR FIRE DEPARTMENT
ATTN: ANDREW HAWKINS
FIRE CHIEF
700 MAIN STREET
SAFETY HARBOR, FLORIDA 34695
PHONE: 727-724-1535
E-MAIL: ahawkins@cityofsafetyharbor.com

UNITED STATES POST OFFICE
SAFETY HARBOR
ATTN: CRAIG HAUMANN
POST MASTER
303 MAIN STREET
SAFETY HARBOR, FLORIDA 34695
PHONE: 727-669-0253
E-MAIL: craig.haumann@usps.gov

CITY OF SAFETY HARBOR PUBLIC WORKS
ATTN: JAMIE AHRENS
ASSISTANT PUBLIC WORKS DIRECTOR
1200 RAILROAD AVENUE
SAFETY HARBOR, FLORIDA 34695
PHONE: 727-724-1550 EXT 2008
E-MAIL: cahrens@cityofsafetyharbor.com

PINELLAS COUNTY SHERIFF'S DEPARTMENT
ATTN: COMMUNICATIONS CENTER
10750 ULMERTON ROAD
LARGO, FLORIDA 33778
PHONE: 727-582-6200
FAX: 727-582-6432
E-MAIL: ssommer@pcsonet.com

THROUGHOUT CONSTRUCTION THE CONTRACTOR SHALL MAINTAIN ALL WEATHER EMERGENCY ACCESS AT ALL ROAD CROSSINGS. THE ACCESS MUST WITHSTAND THE WEIGHT OF A 32 TON FIRE TRUCK.

CONTRACTOR SHALL MAINTAIN POSTAL SERVICE AND SOLID WASTE PICK UP SERVICE TO ALL RESIDENTS THROUGHOUT CONSTRUCTION.

ALL MAILBOXES DISTURBED BY THE CONSTRUCTION ACTIVITIES SHALL BE REMOVED AND REPLACED. ANY DAMAGES TO THE MAILBOXES BY THE CONSTRUCTION SHALL BE REPLACED WITH A COMPARABLE STRUCTURE OR BETTER AT THE CONTRACTOR'S EXPENSE.

CONTRACTOR SHALL STORE AND PROVIDE PROTECTION FOR ALL COMBUSTIBLE PRODUCTS AND MATERIALS FROM VEHICULAR DAMAGE AND VANDALISM.

THE CONTRACTOR SHALL APPLY TO THE FDEP FOR COVERAGE UNDER THE GENERIC PERMIT FOR THE DISCHARGE OF PRODUCED GROUNDWATER FROM ANY NON-CONTAMINATED SITE ACTIVITY PURSUANT TO 62-621.300 (2), F.A.C. CONTRACTOR IS RESPONSIBLE FOR ALL ASSOCIATED SAMPLING AND TESTING. A COPY OF THE APPROVED PERMIT SHALL BE PROVIDED TO THE AUTHORITY, ENGINEER OF RECORD AND CITY OF SAFETY HARBOR.

CONTRACTOR SHALL SIGN THE STORM WATER POLLUTION PREVENTION PLAN PROVIDED AND SHALL SUBMIT THE REQUIRED NOTICE OF INTENT TO USE GENERIC PERMIT FOR STORM WATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES (FORM 62-621.300(4)(b)) TO THE FDEP.

IN ORDER TO MINIMIZE FRAC-OUTS, CONTRACTOR SHALL INSTALL 16" DIAMETER PRESSURE RELIEF WELLS @ 50FT O.C. ALONG THE CENTERLINE OF THE PROPOSED WATERMAIN OR ON EACH SIDE OF EVERY DRIVEWAY, WHICHEVER OCCURS FIRST.

PRESSURE RELIEF WELLS SHALL BE FILLED AND COMPAKTED AFTER INSTALLATION OF WATERMAIN.

UNLESS OTHERWISE NOTED, SHOWN ON THE CROSS SECTIONS TO ACCOMMODATE EXISTING UTILITIES, OR TO PROVIDE CLEARANCE WITH SERVICE LATERALS THE 6" WM INSTALLED VIA HDD SHALL BE INSTALLED AT A DEPTH OF MAXIMUM 36" BELOW GRADE. THE CONTRACTOR IS RESPONSIBLE FOR ANY RESTORATION DUE TO HDD AT NO ADDITIONAL COST TO OWNER. COST FOR RESTORATION DUE TO HDD SHALL BE INCLUDED IN HDD UNIT PRICE.

ALL OPEN ENDS OF ABANDONED WATER, SEWER AND OTHER UTILITY LINES ARE TO BE CAPPED.

CONTRACTOR SHALL INVESTIGATE EXISTING SITE CONDITION AND ENSURE THEY ARE ACCEPTABLE FOR DRILLING/BORING.

ALL DISTURBED HANDICAP CURB RAMPS SHALL BE RESTORED TO MEET ALL CURRENT ADA GUIDELINES THE WORK INCLUDES ALL MATERIALS, MIXING, PLACING, FORMING, CURING OF CONCRETE, ADA MATS IF STRIPING IS IMPACTED BY

THE CONSTRUCTION AND ASSOCIATED INCIDENTAL WORK. WHEN CROSSWALK STRIPING IS IMPACTED BY CONSTRUCTION THE ENTIRE SIDEWALK IS TO BE RESTRIPE. THESE ITEMS WILL BE PAID FOR UNDER THE RESTORATION PAY ITEM.

CONTRACTOR SHALL RESTORE ALL SIDEWALKS, DRIVEWAYS, BRICK ROADS, ASPHALT, CURB AND ETC. THAT ARE DAMAGED DUE TO CONSTRUCTION OR ABANDONMENT OF THE WATER MAIN.

ALL METER BOXES TO BE PLACED 2FT. FROM BACK OF SIDEWALK WHEN SIDEWALK IS GRATER THAT 5 FEET WIDE . IF SIDEWALK IS LESS THAT 5 FEET WIDE, METER BOXES SHALL BE PLACED 3 FEET FROM BACK OF SIDEWALK.

ALL SURVEY MONUMENTS DISTURBED BY THE CONSTRUCTION ACTIVITIES SHALL BE REMOVED AND REPLACED. ANY DAMAGES TO SURVEY MONUMENTS BY THE CONSTRUCTION SHALL BE REPLACED WITH A COMPARABLE STRUCTURE OR BETTER AT THE CONTRACTOR'S EXPENSE.

EROSION AND SEDIMENTATION CONTROL NOTES

- ALL PRACTICABLE EFFORT SHALL BE TAKEN DURING CONSTRUCTION TO CONTROL AND PREVENT EROSION AND TRANSPORT OF SEDIMENT MATERIALS TO INLETS, SURFACE DRAINS, WETLANDS AND LAKE AREAS, PER FDEP/SWFWM "BEST MANAGEMENT PRACTICES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RESTORATION EFFORTS THAT MAY BE REQUIRED.
- THE CONTRACTOR IS TO CONTROL ALL FUGITIVE DUST ORIGINATING FROM THE PROJECT BY WATERING OR OTHER METHODS AS REQUIRED.
- THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM THE SITE IF NOT REUSABLE ON-SITE AND ASSUMING PLAN ALIGNMENT AND GRADE IN ALL DITCHES AND SWALES AT COMPLETION OF CONSTRUCTION.
- ADDITIONAL PROTECTION - ON-SITE PROTECTION IN ADDITION TO THE ABOVE MUST BE PROVIDED THAT WILL NOT PERMIT SILT TO LEAVE THE PROJECT CONFINES DUE TO UNFORESEEN CONDITIONS OR ACCIDENTS.
- THE CONTRACTOR SHALL INSURE THAT ALL EXISTING DRAINAGE STRUCTURES, PIPES, ETC., ARE CLEANED OUT AND WORKING PROPERLY AT THE TIME OF PROJECT COMPLETION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING DIRT AND SEDIMENT FROM ALL CONSTRUCTION EQUIPMENT AND VEHICLES PRIOR TO ENTERING PUBLIC ROAD WAYS.
- THE CONTRACTOR SHALL CLEAN ALL ROADWAYS WITHIN OR ADJACENT TO THE PROJECT LIMITS ON A DAILY BASIS OR AS NEEDED TO PREVENT TRANSFER OF SEDIMENTATION.
- SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
- SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USEABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC OR BALES SHALL BE REPLACED PROMPTLY.
- SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN THE DEPOSITS REACH APPROXIMATELY ONE-THIRD THE HEIGHT OF THE BARRIER.
- ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH EXISTING GRADE, PREPARED AND SEDED.
- EXISTING STORM STRUCTURES SHALL BE INSPECTED AFTER EACH RAIN EVENT, REPAIRS MADE TO THE FILTER BARRIERS, AND SILT / SEDIMENT REMOVED FROM PIPES AND STRUCTURES AS NEEDED TO PROVIDE POSITIVE FLOW.
- SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO IT'S ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/3 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
- THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE BEST EROSION AND SEDIMENT CONTROL PRACTICES AS OUTLINED IN THE PLANS, SPECIFICATIONS AND SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT SPECIFICATIONS AND CRITERIA.
- FOR ADDITIONAL INFORMATION ON SEDIMENT AND EROSION CONTROL REFER TO: "THE FLORIDA DEVELOPMENT MANUAL - A GUIDE TO SOUND LAND AND WATER MANAGEMENT", FROM THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (F.D.E.P.), CHAPTER 6.
- EROSION AND SEDIMENT CONTROL BARRIERS SHALL BE PLACED ADJACENT TO ALL WETLAND AREAS WHERE THERE IS A POTENTIAL FOR DOWNSTREAM WATER QUALITY DEGRADATION.
- ALL DISTURBED AREAS SHALL BE GRASSED, FERTILIZED, MULCHED AND MAINTAINED UNTIL A PERMANENT VEGETATIVE COVER IS ESTABLISHED.
- SOD SHALL BE PLACED IN AREAS WHICH MAY REQUIRE IMMEDIATE EROSION PROTECTION TO ENSURE WATER QUALITY STANDARDS ARE MAINTAINED.
- ANY DISCHARGE FROM DEWATERING ACTIVITY SHALL BE FILTERED AND CONVEYED TO THE OUTFALL IN A MANNER THAT LIMITS THE DISCHARGE TO 29 NTU ABOVE THE BACKGROUND CONCENTRATION OF THE OUTFALL.
- DEWATERING PUMPS SHALL NOT EXCEED THE CAPACITY OF THAT WHICH REQUIRES A CONSUMPTIVE USE PERMIT FROM THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT.
- ALL DISTURBED AREAS TO BE STABILIZED THROUGH COMPACTION, SILT SCREENS, HAY BALES AND GRASSING. ALL FILL SLOPES 3:1 OR STEEPER SHALL RECEIVE STAKED SOLID SOD.
- THESE NOTES INDICATE THE MINIMUM EROSION AND SEDIMENT MEASURES REQUIRED FOR THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL APPLICABLE RULES, REGULATIONS AND WATER QUALITY GUIDELINES AND MAY NEED TO INSTALL ADDITIONAL CONTROLS.
- THE CONTRACTOR SHALL BE REQUIRED TO RESPOND TO ALL FDEP OR WATER MANAGEMENT DISTRICT INQUIRIES, RELATIVE TO THE COMPLIANCE FOR EROSION AND SEDIMENTATION CONTROL.
- THE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED.
- THE CONTRACTOR SHALL EXECUTE THE STORM WATER POLLUTION PREVENTION PLAN PROVIDED ON SHEET G1.03 PRIOR TO INITIATING CONSTRUCTION.

PINELLAS COUNTY RIGHT OF WAY CONSTRUCTION NOTES

- THE FOLLOWING NOTES SHALL APPLY TO ALL CONSTRUCTION WITHIN THE PINELLAS COUNTY RIGHT-OF-WAY:
 - ALL DESIGN AND CONSTRUCTION SHALL CONFORM TO THE MINIMUM STANDARDS SET DOWN IN PINELLAS COUNTY LAND DEVELOPMENT, ZONING AND/OR RELATED ORDINANCES, AND MINIMUM TESTING FREQUENCY REQUIREMENTS.
 - ANY SIDEWALK WHICH BECOMES UNDERMINED SHALL BE REMOVED AND REPLACED. SIDEWALKS ARE TO BE RECONSTRUCTED WITHIN THREE (3) DAYS AFTER REMOVAL. WHEN EXISTING SIDEWALK IS REMOVED, IT IS TO BE REMOVED TO THE NEAREST JOINT.
 - DISTURBED AREA WITHIN THE RIGHT OF WAY SHALL BE COMPAKTED TO 100% OF MAXIMUM DENSITY AND SODDED OR PAVED AS APPROPRIATE.
 - ANY PORTION OF THE ROADWAY THAT SUSTAINS EXCESSIVE CONSTRUCTION RELATED DAMAGE, IN THE OPINION OF PINELLAS COUNTY OPERATIONS DEPARTMENT, SHALL BE REPAVED AT THE CONTRACTOR EXPENSE IN A MANNER SPECIFIED BY PINELLAS COUNTY OPERATIONS DEPARTMENT.
 - PRIOR TO COMMENCEMENT OF WORK AND/OR PRIOR TO START OF RESTORATION, COORDINATE THROUGH A "WALK-THROUGH" WITH PINELLAS COUNTY OPERATIONS DEPARTMENT REPRESENTATIVE TO ENSURE MUTUAL AGREEMENT REGARDING SUCH MATTERS AS EXTENT OF ROADWAY TO BE OVERLAIDED AFTER PATCHING, THE EXTENT OF DRIVEWAY REPLACEMENT-ESPECIALLY CONCRETE, ETC.
 - TESTING FREQUENCIES, LIMITS AND DENSITIES COMPLETED UNDER THIS PERMIT IN ASSOCIATION WITH MILLING ARE TO BE OBSERVED BY A COUNTY INSPECTOR.



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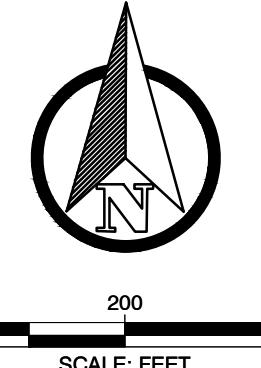
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SCALE: FEET



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750 Main Street
Safety Harbor, Florida 346
Phone (727) 724-1555

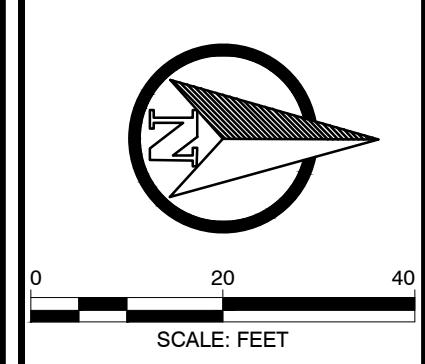
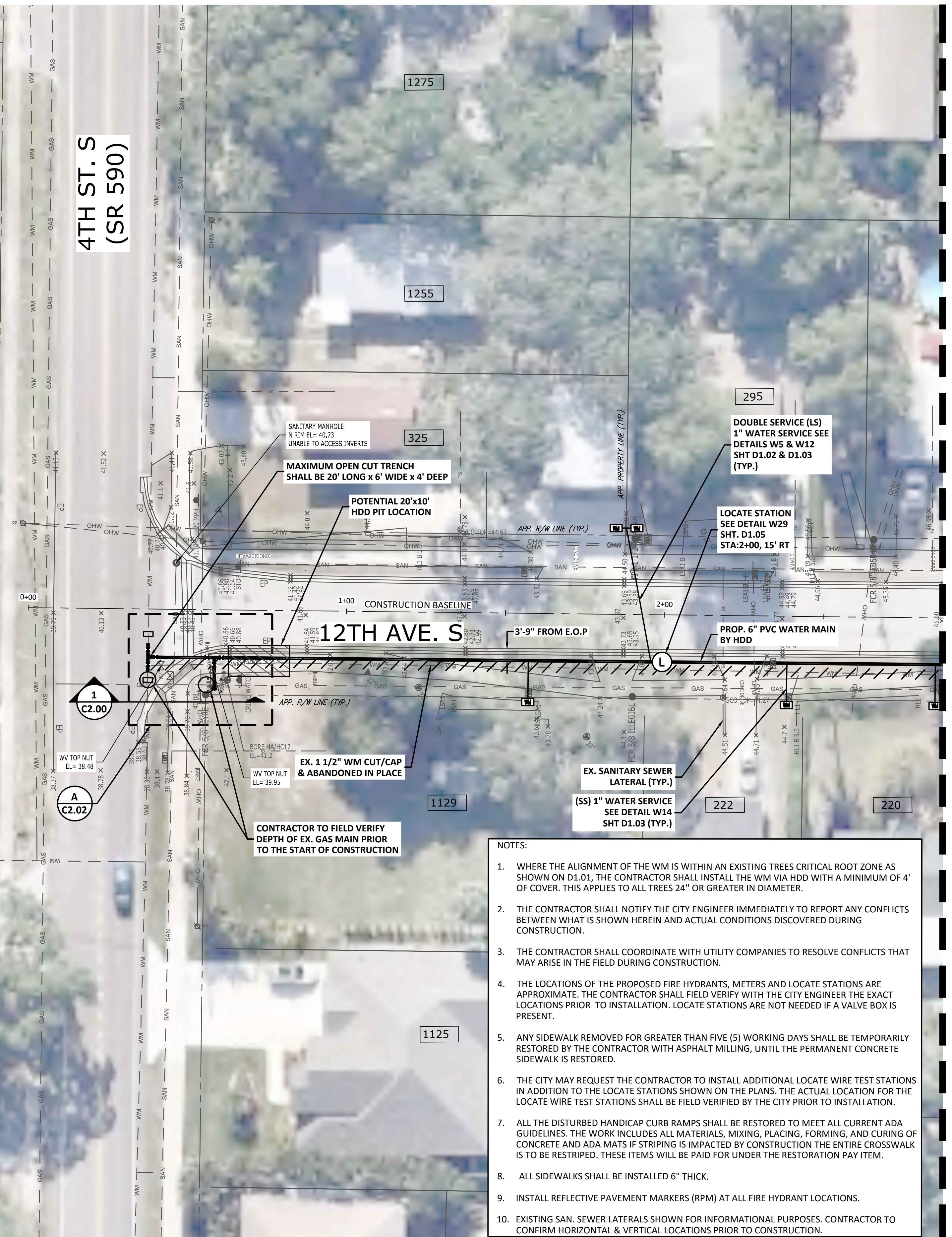
SEMINOLE PARK AND MAPLEWAY WATER MAIN REPLACEMENT (UT0096)

OVERALL PROJECT SITE PLAN AND KEY MAP

JOB NO: 0279-00026-2022-09

C1.00

BID DOCUMENTS 06/25/2025



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Phone (727) 724-1555

MATCH LINE, SEE SHEET C1.02

SEMINOLE PARK AND MAPLEWAY
WATER MAIN REPLACEMENT (U0096)
12TH AVE S PLAN
STA. 0+00 TO STA. 2+87

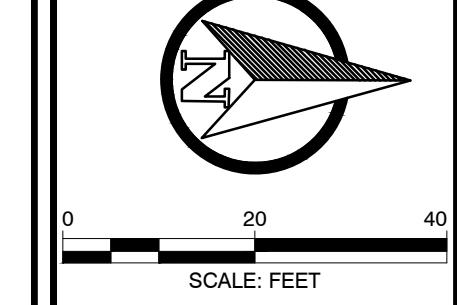
JOB NO: 0279-00026-2022-0998
DATE: JUNE 2022

C1.01

BID DOCUMENTS
06/25/2025



C1.02

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06/25/2025

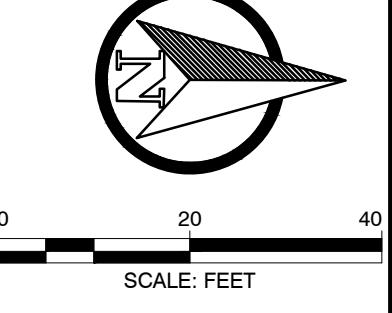
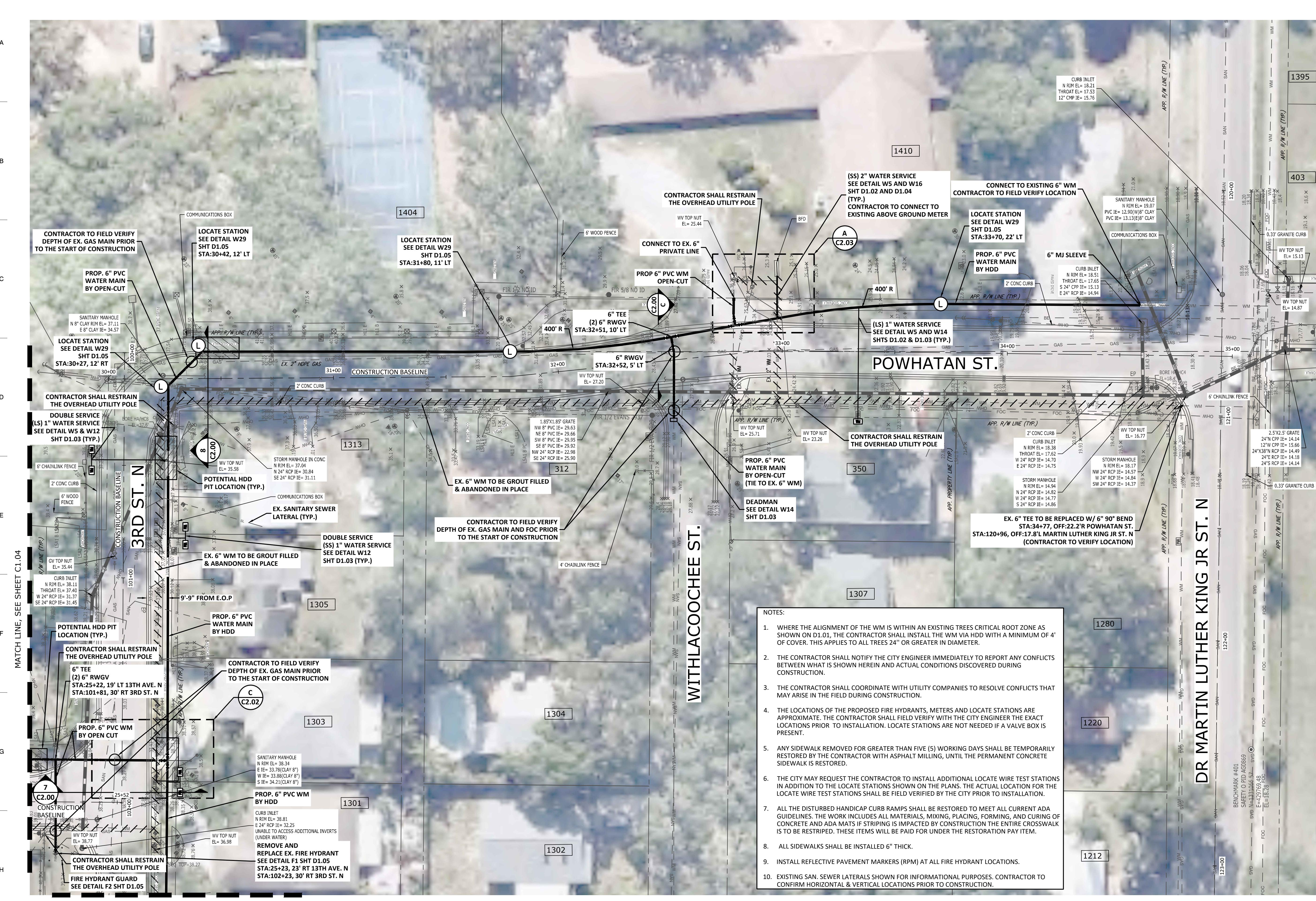
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**SEMINOLE PARK AND MAPLEWAY
WATER MAIN REPLACEMENT (UT0096)**

12TH AVE AND MAIN ST PLAN
STA. 2+87 TO STA. 8+60 AND
STA. 91+67 TO STA. 95+56

JOB NO: 0279-00026-2022-0998
DATE: JUNE 2022



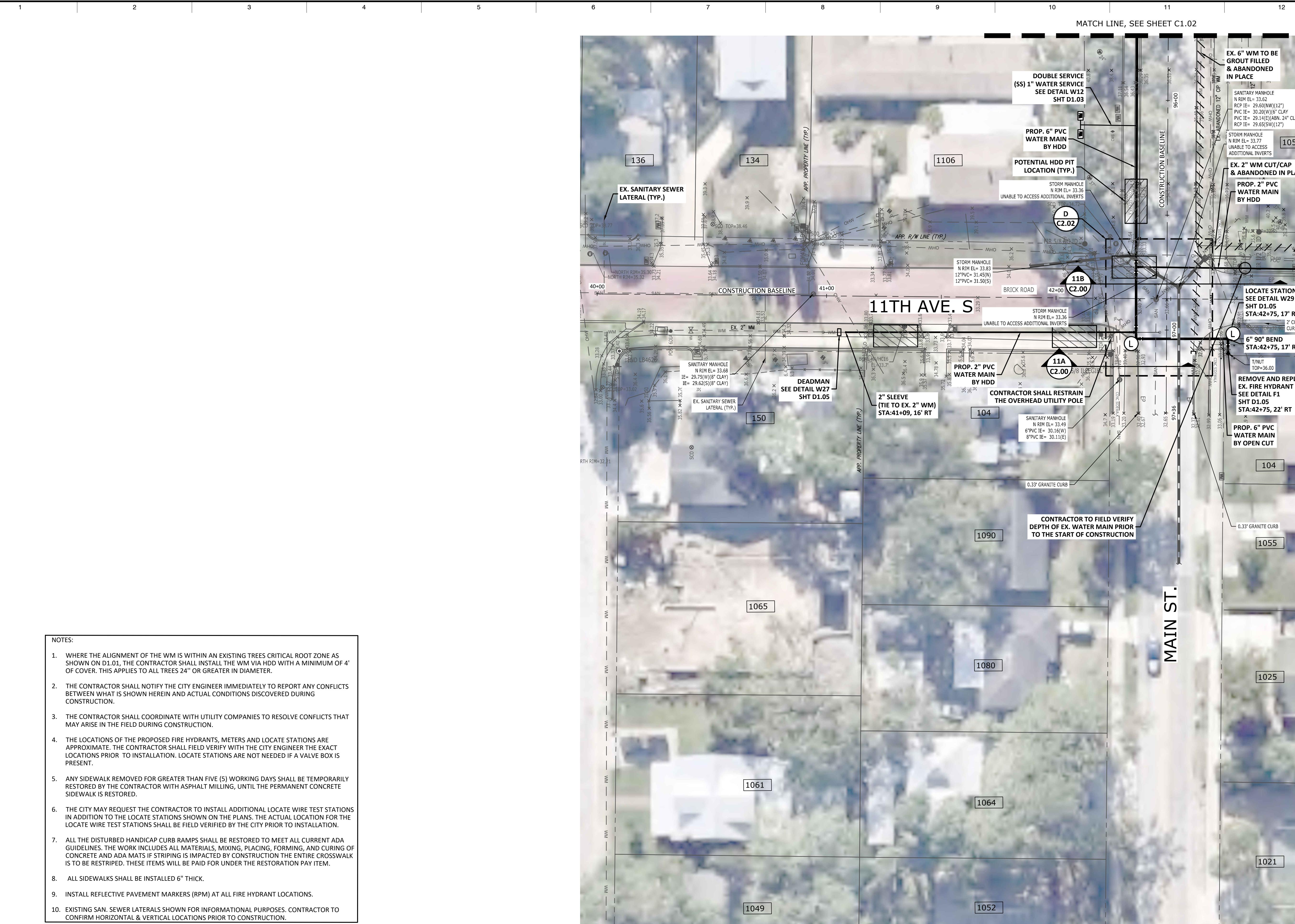
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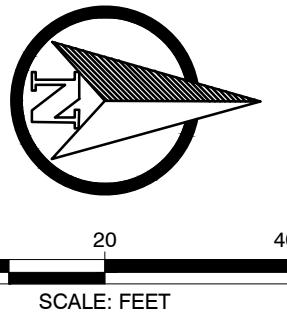
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SEMINOLE PARK AND MAPLEWAY WATER MAIN REPLACEMENT (UT0096)
POWHATAN ST, 3RD ST AND 13TH AVE N PLAN
STA. 30+00 TO STA. 35+00, STA. 100+00 TO STA. 102+41 STA. 25+11 TO STA. 25+52 AND

JOB NO: 0279-00026-2022-0998
DATE: JUNE 2022
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BID DOCUMENTS
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MATCH LINE, SEE SHEET C1.02

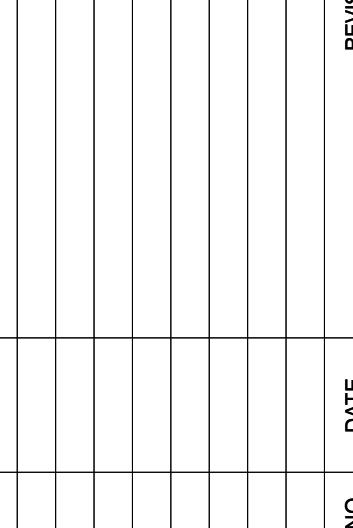


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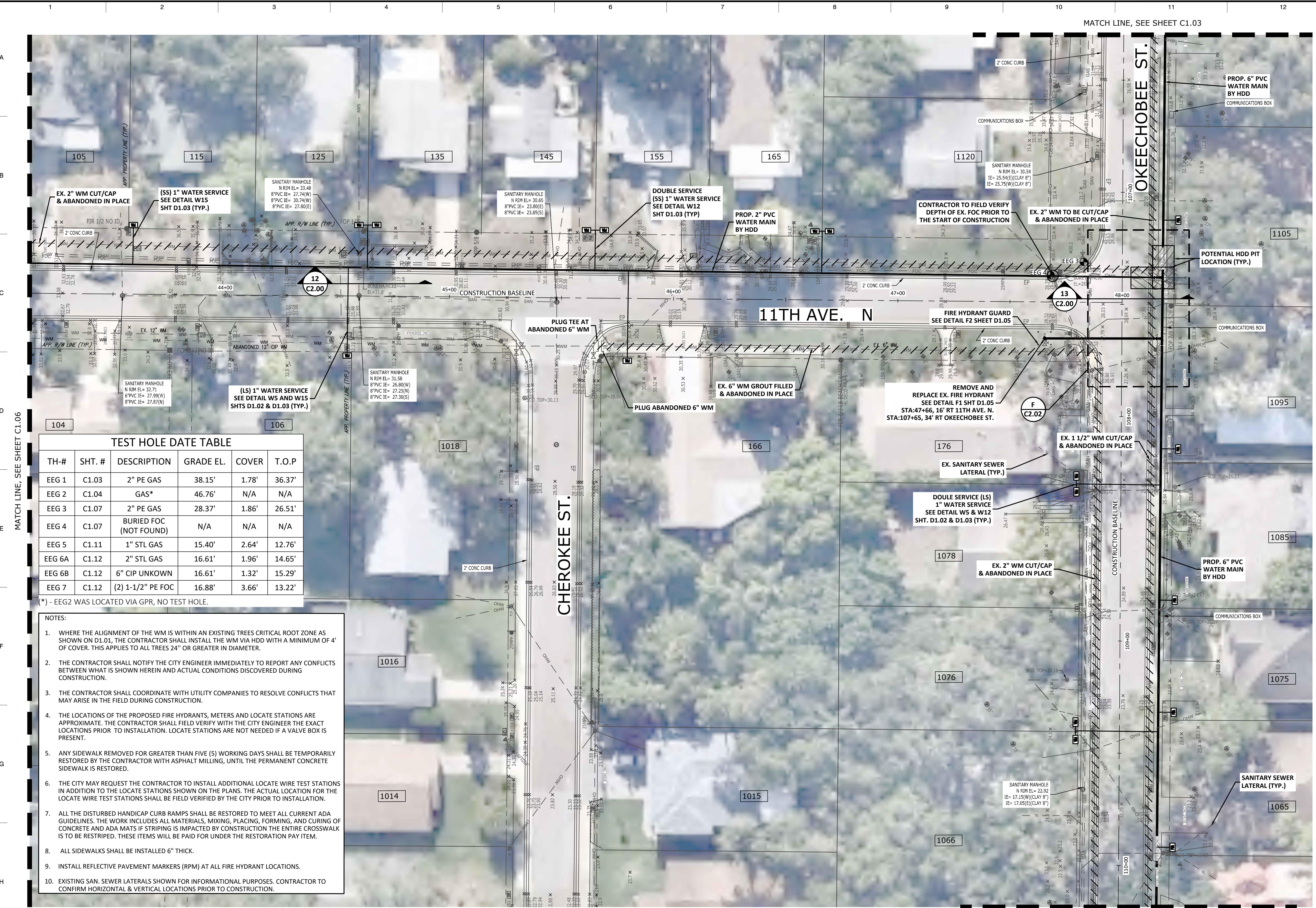
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Safety Harbor, Florida 34695
Phone (727) 724-1555



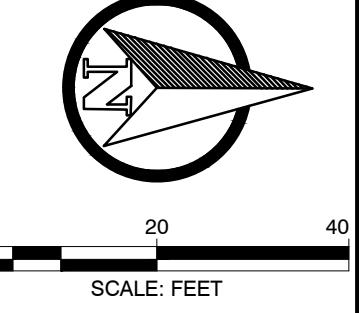
SEMINOLE PARK AND MAPLEWAY WATER MAIN REPLACEMENT (U0096)
11TH AVE S AND MAIN ST PLAN
STA. 40+25 TO STA. 43+11 AND
STA. 95+56 TO STA. 97+19

JOB NO: 0279-00026-2022-0998
DATE: JUNE 2022

C1.06
BID DOCUMENTS
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MATCH LINE, SEE SHEET C1.03



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SEMINOLE PARK AND MAPLEWAY WATER MAIN REPLACEMENT (UT0096)
11TH AVE N AND OKEECHOBEE ST PLAN
STA. 43+11 TO STA. 48+00 AND
STA. 106+30 TO STA. 110+19

JOB NO: 0279-00026-2022-0998
DATE: JUNE 2022

C1.07

BID DOCUMENTS
06/25/2025

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MATCH LINE, SEE SHEET C1.08

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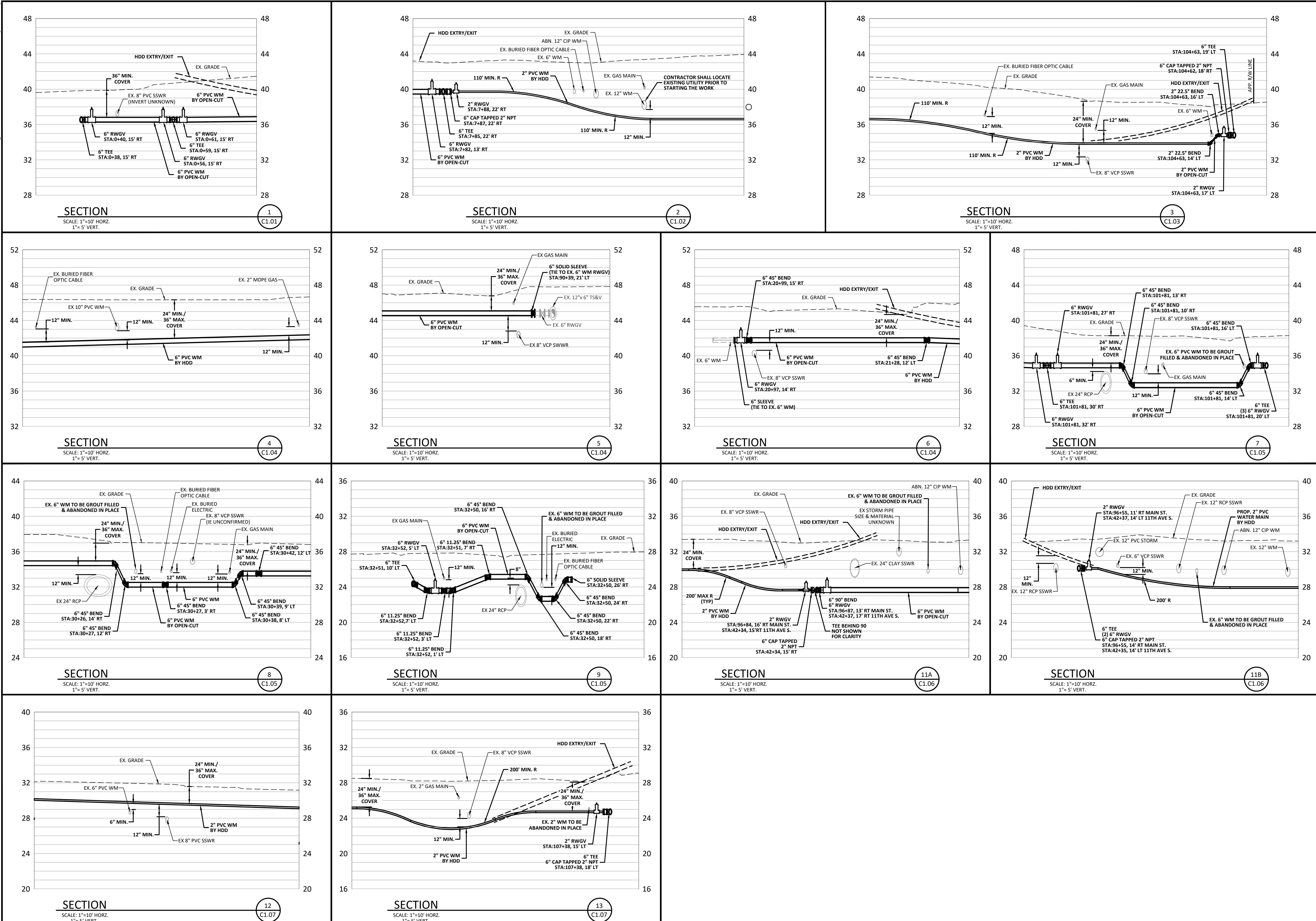
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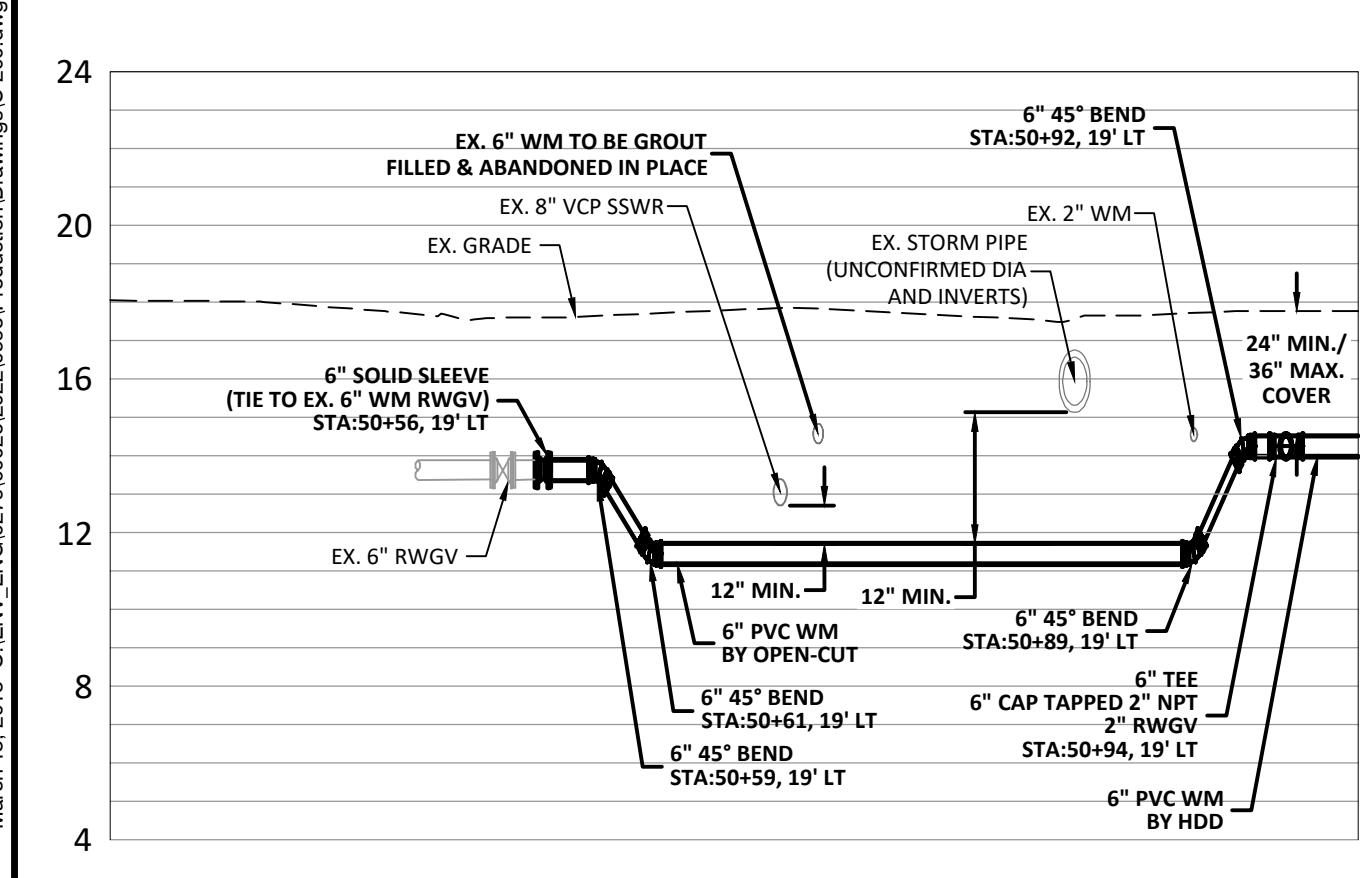
SEMINOLE PARK AND MAPLEWAY
WATER MAIN REPLACEMENT (UT0096)

CROSS SECTIONS (1)

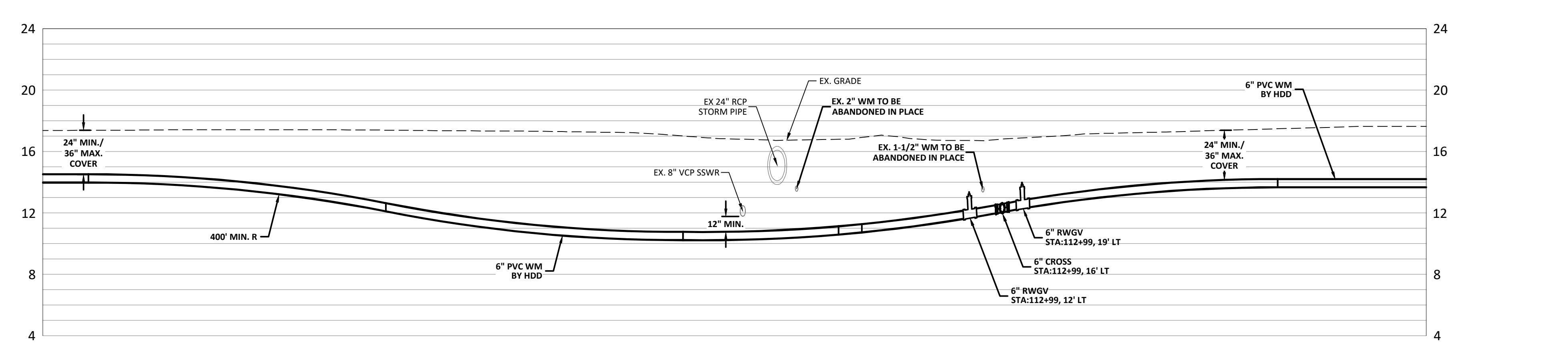
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DATE: JUNE 2022

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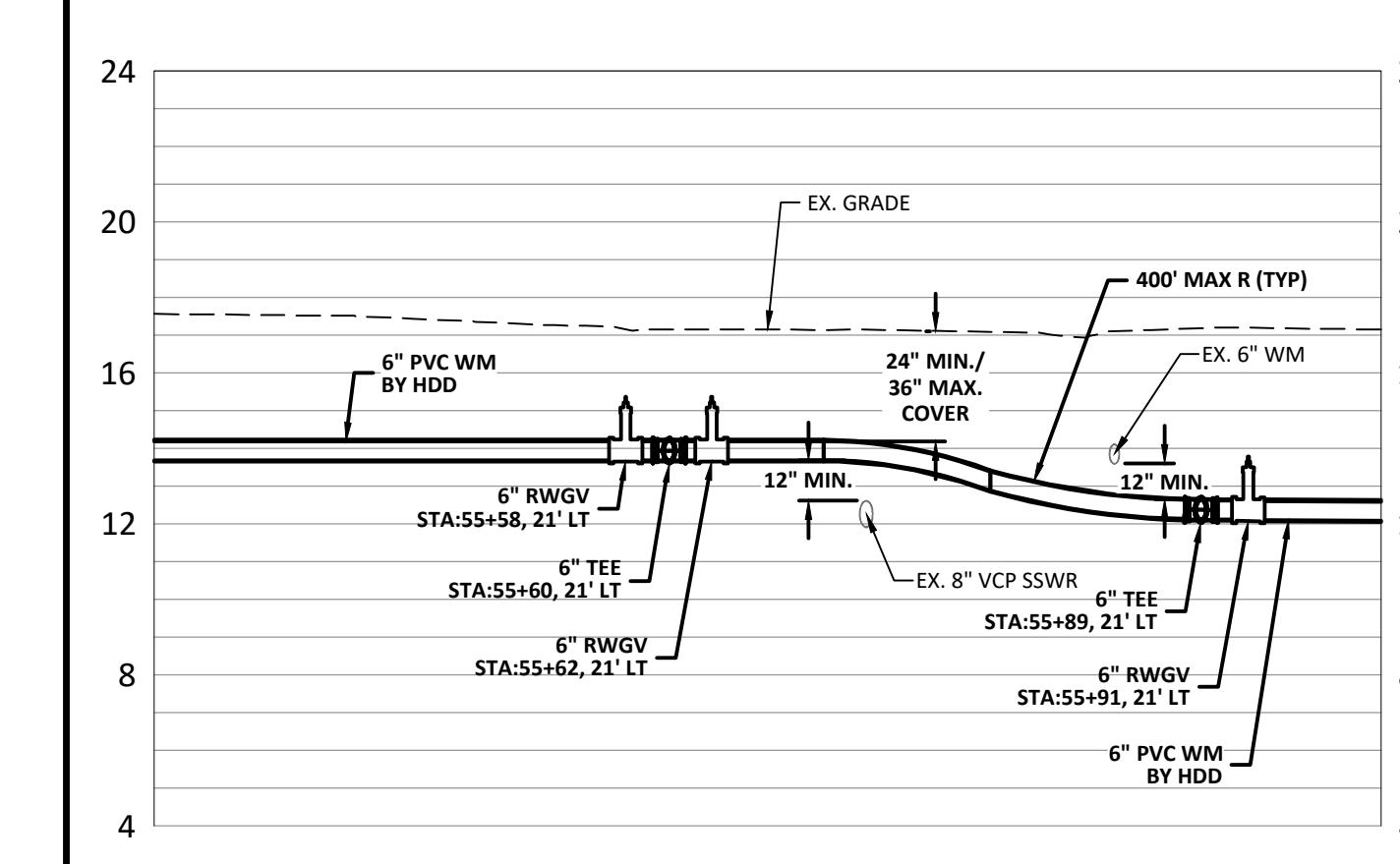
BID DOCUMENTS
06/25/2025



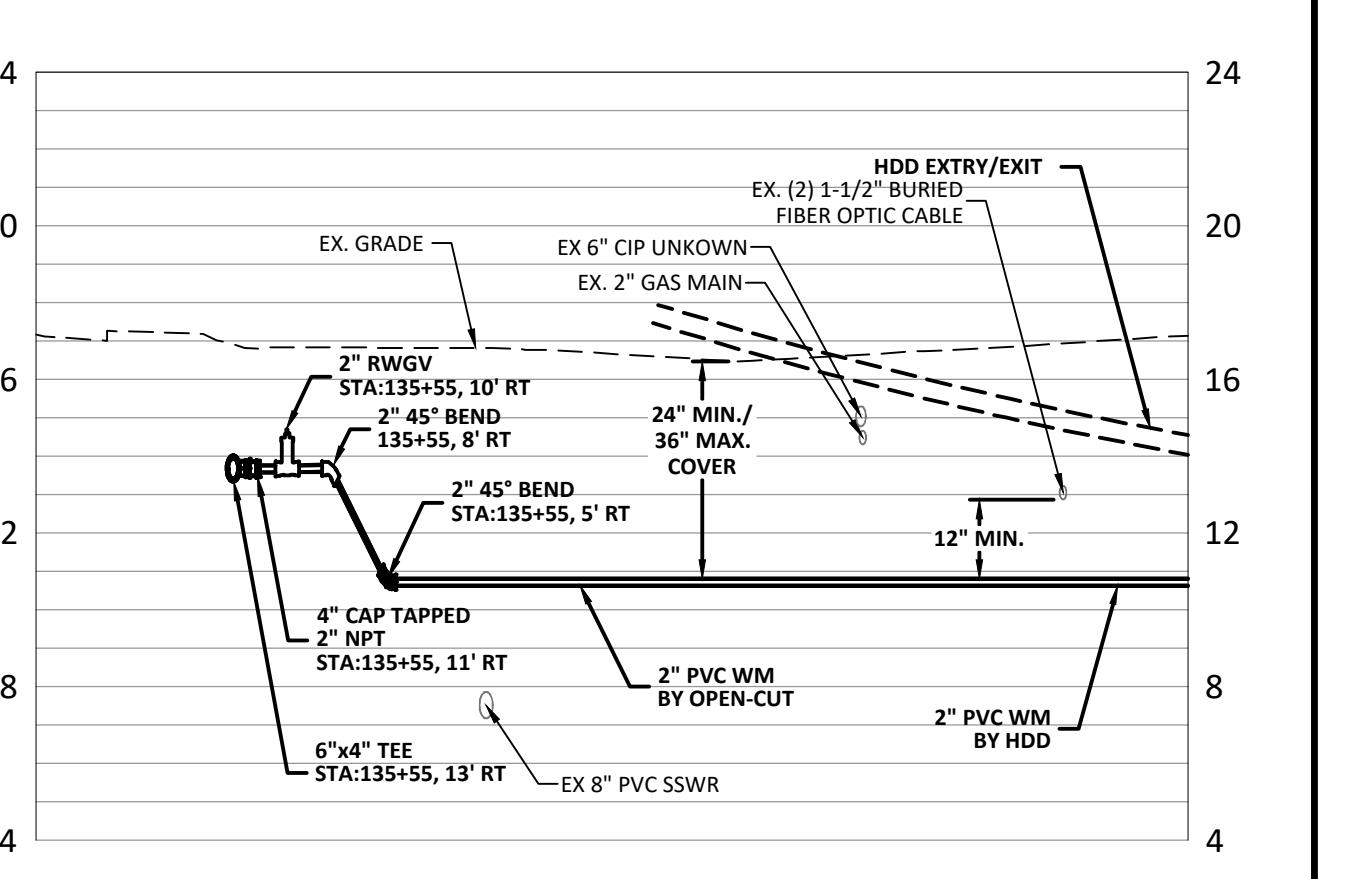
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1"= 5' VERT.



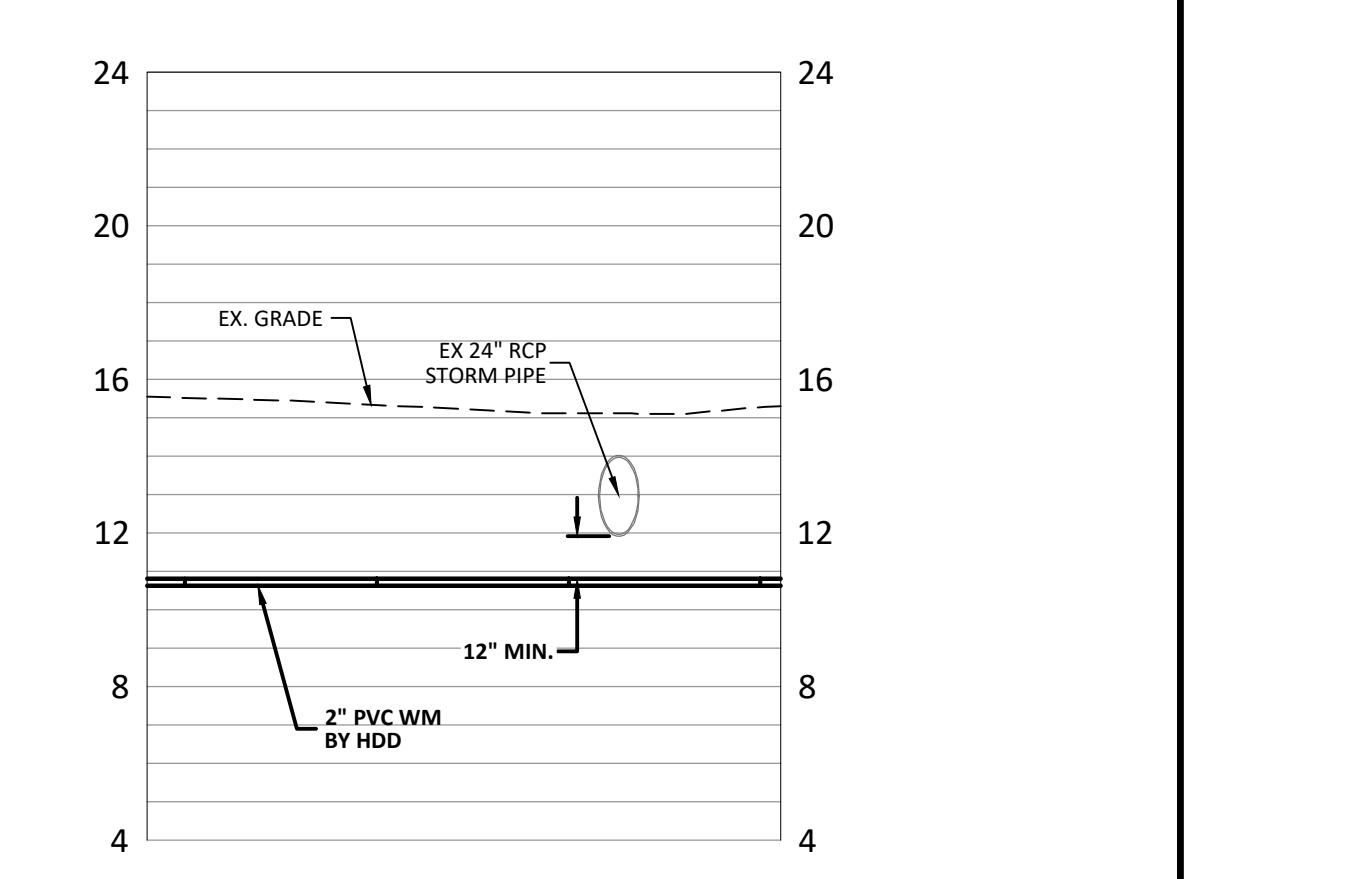
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BY

NO. DATE

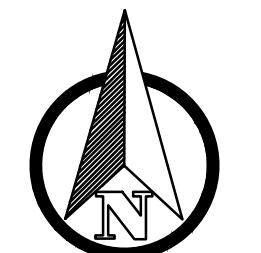
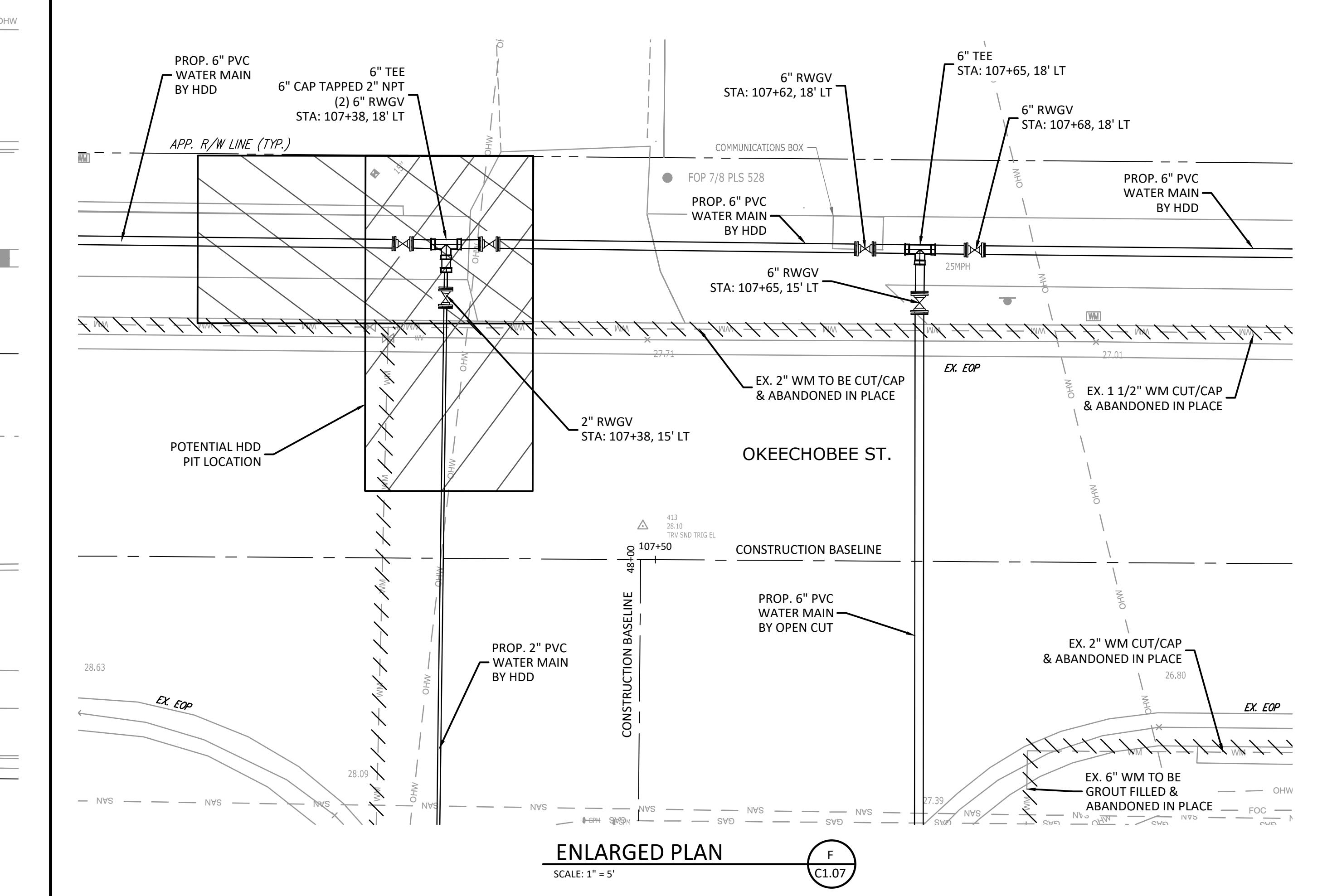
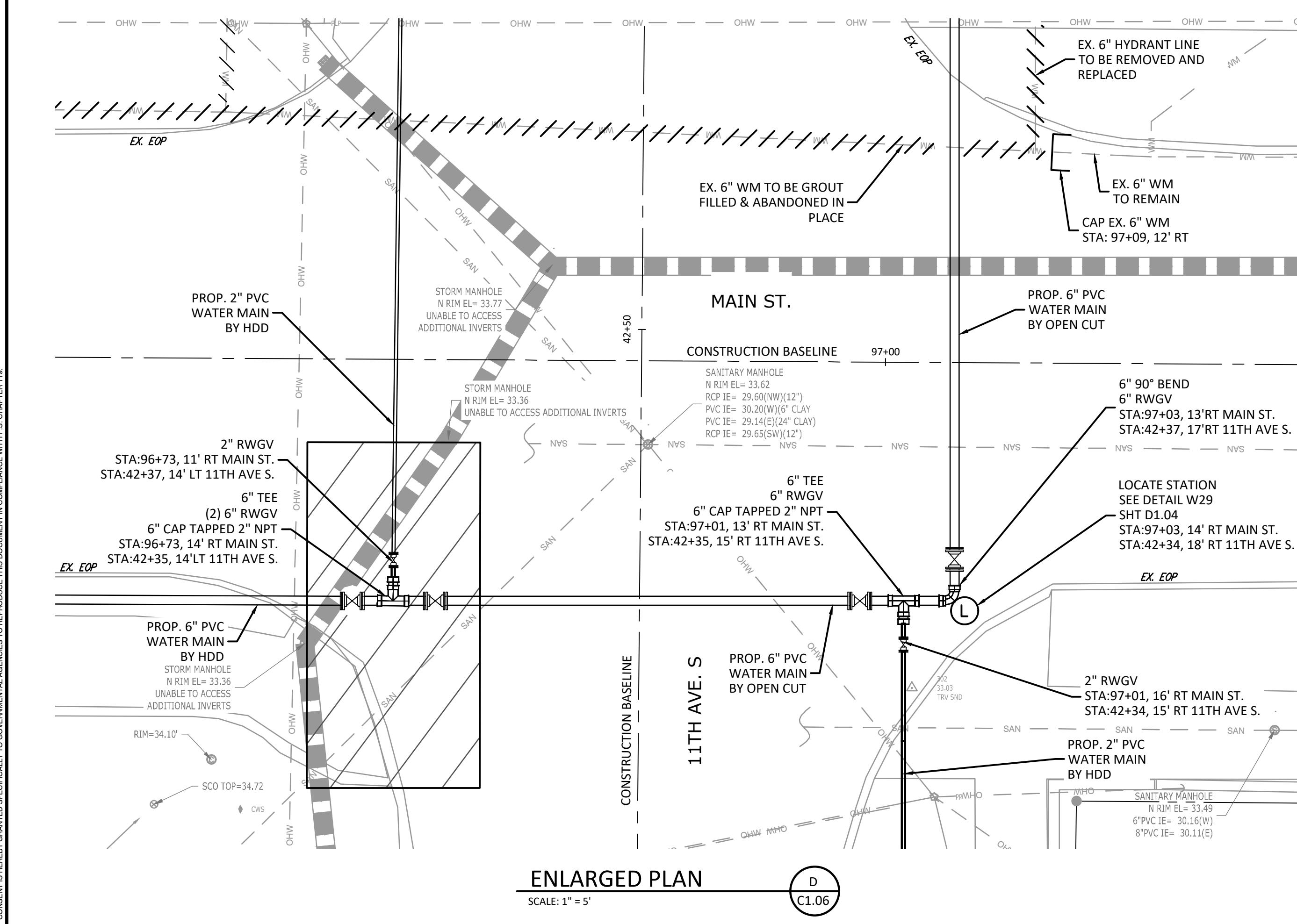
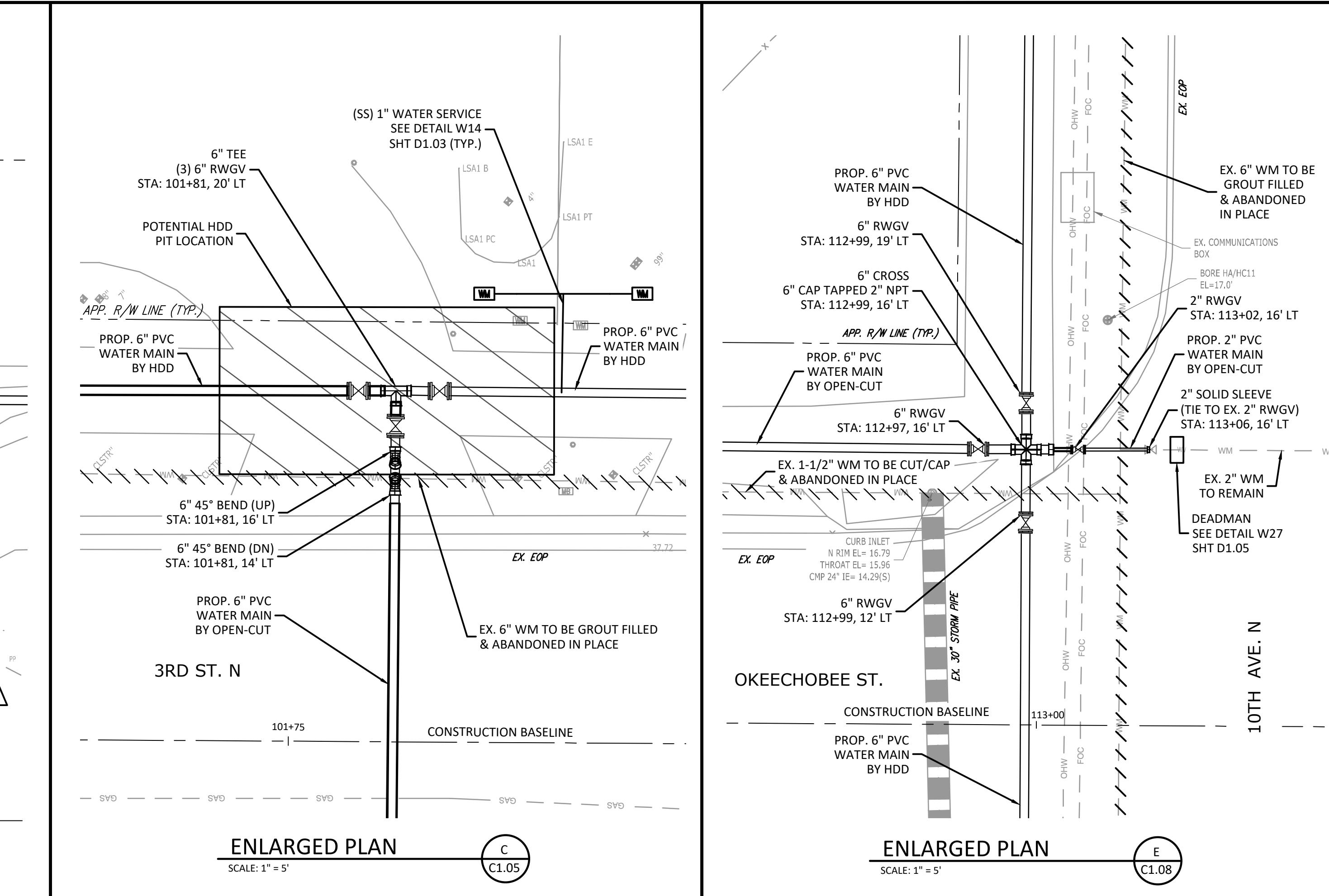
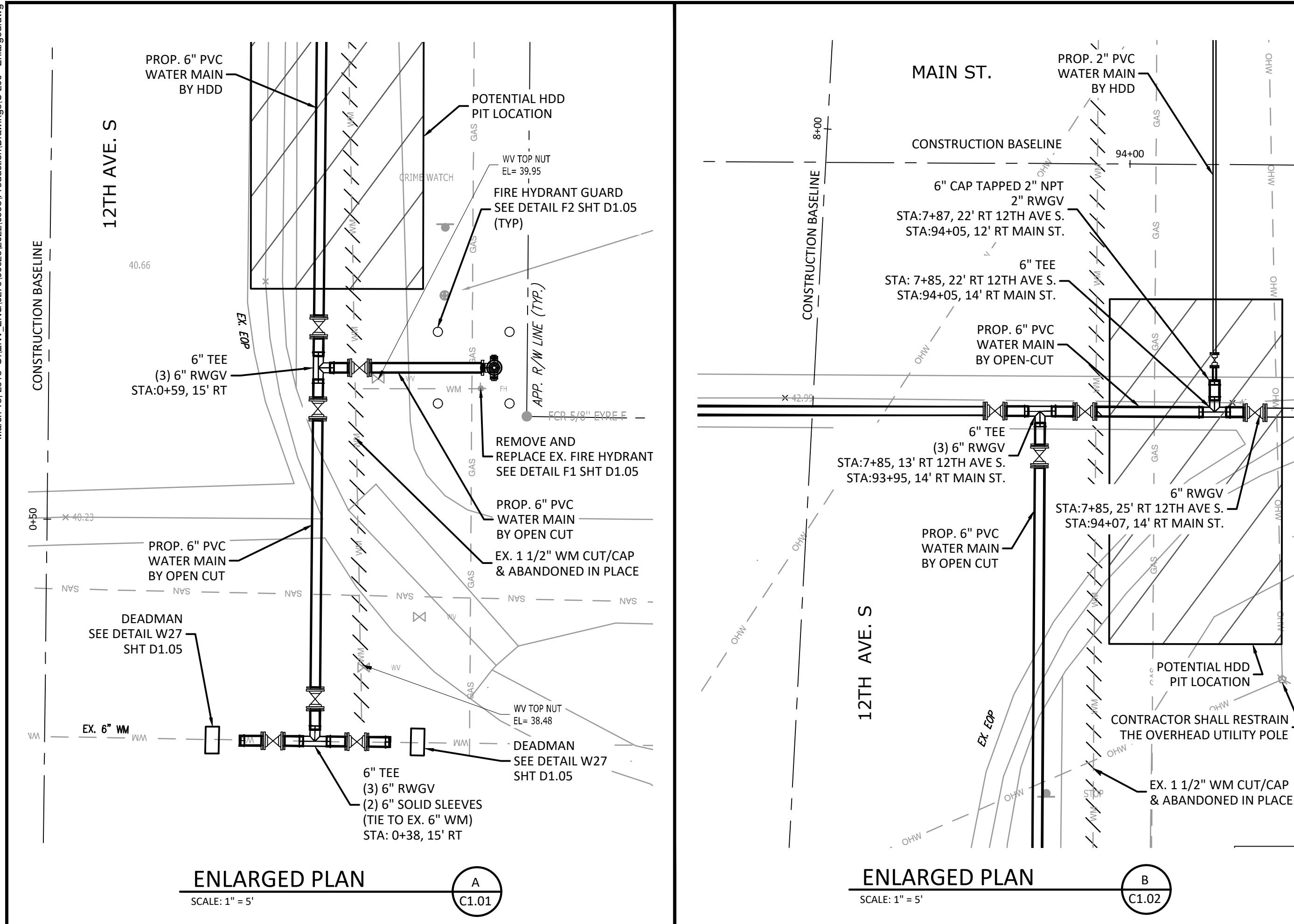
**SEMINOLE PARK AND MAPLEWAY
WATER MAIN REPLACEMENT (U0096)**

CROSS SECTIONS (2)

JOB NO: 0279-00026-2022-0998
DATE: JUNE 2022

C2.01

BID DOCUMENTS
06/25/2025



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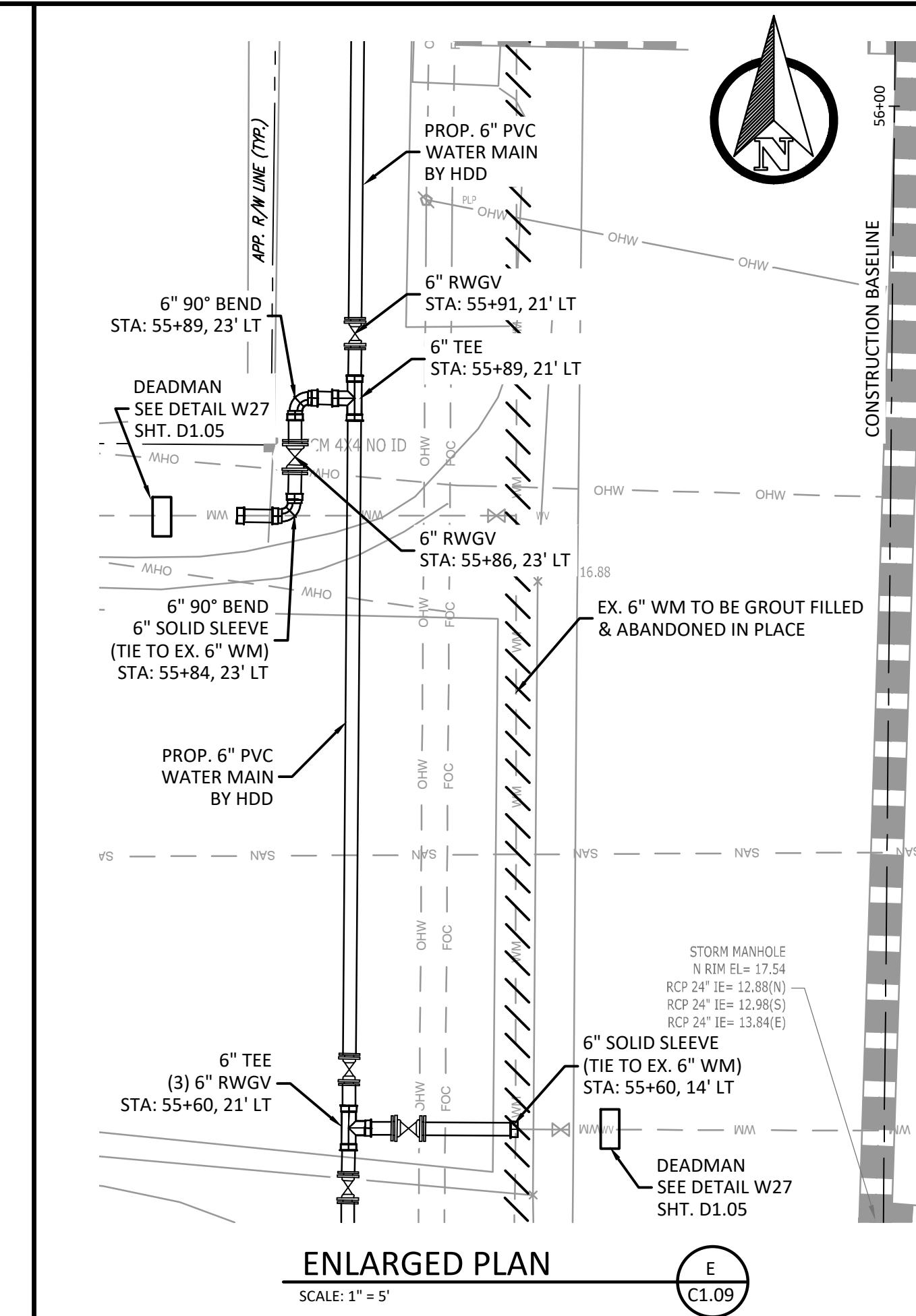
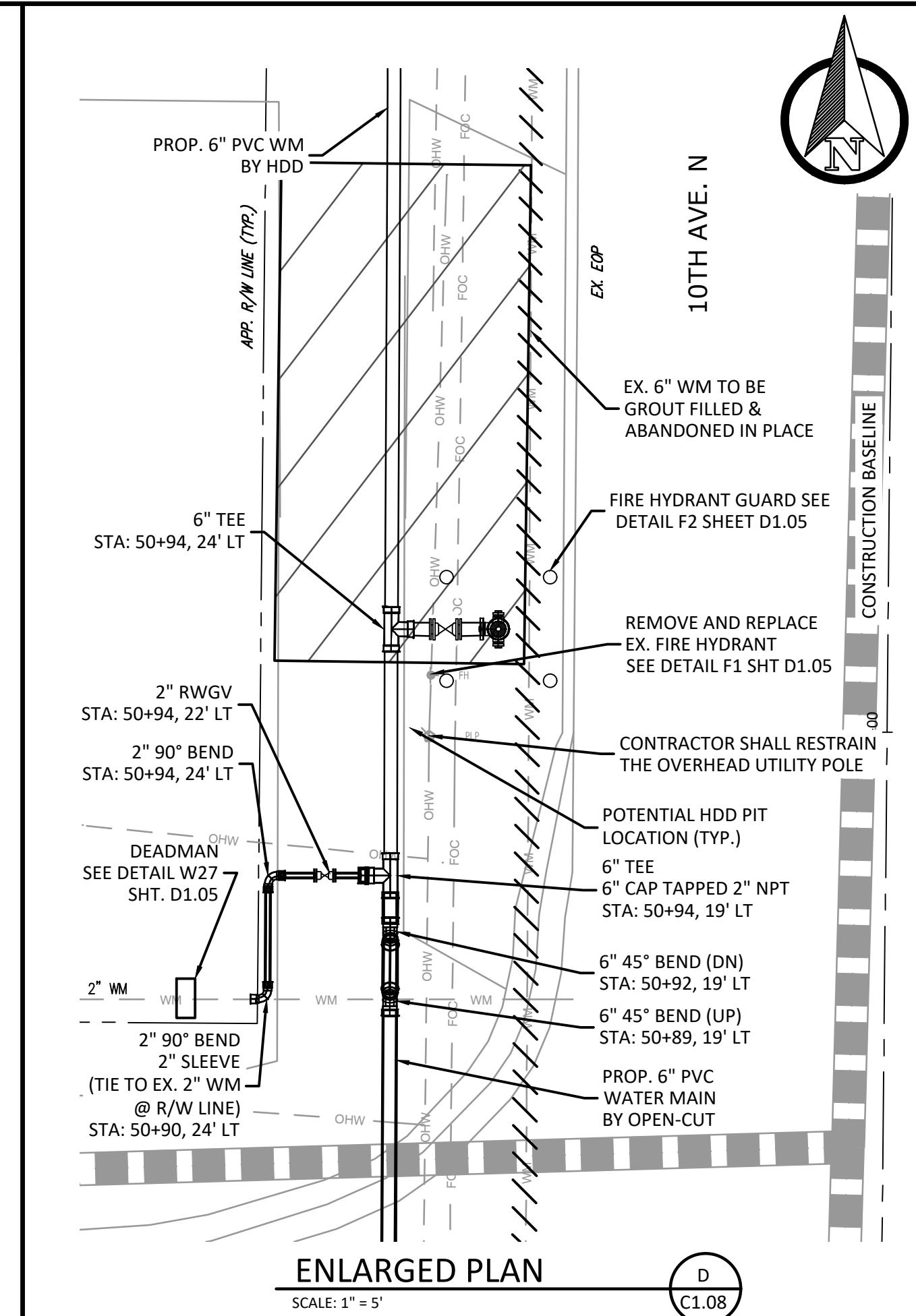
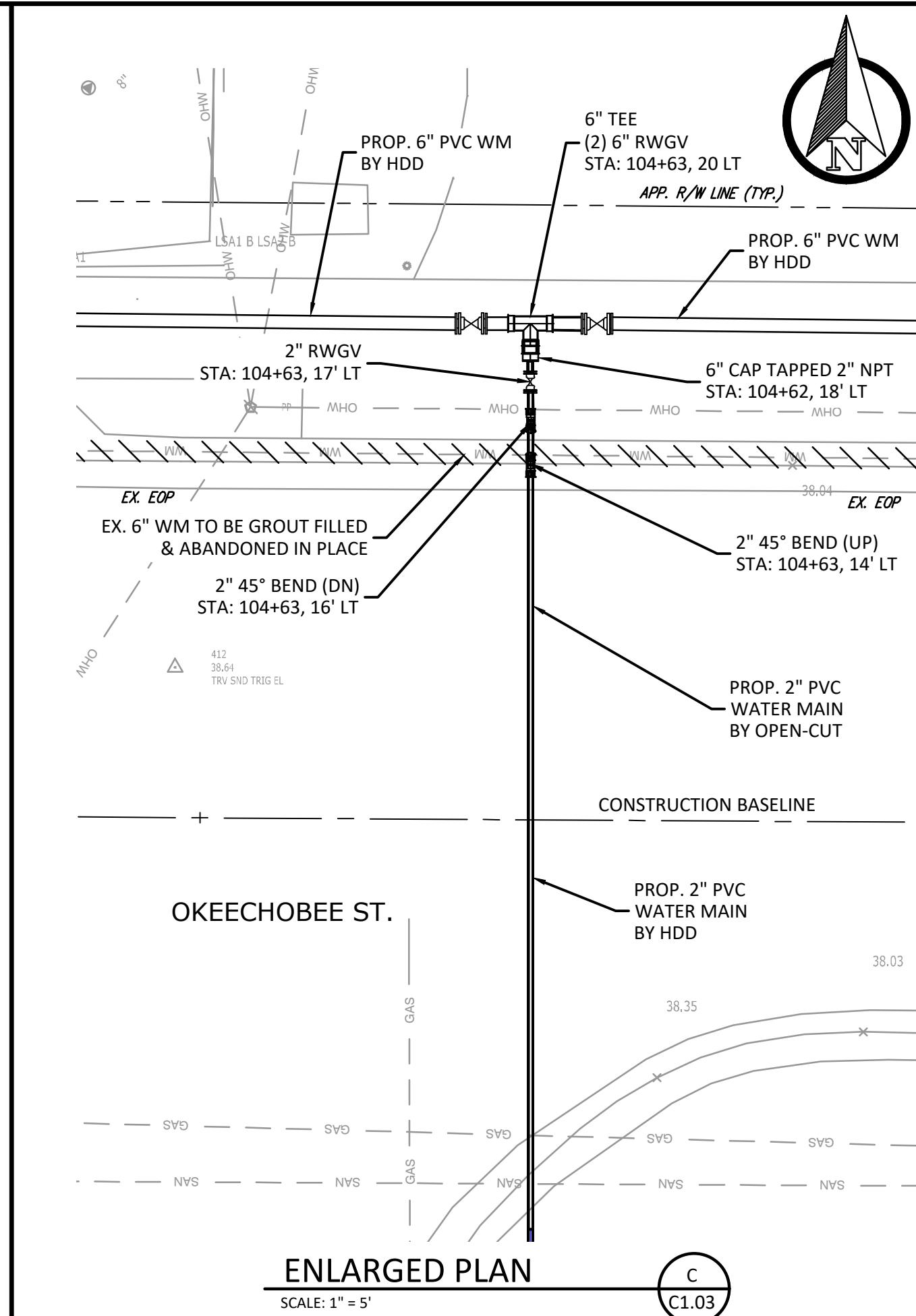
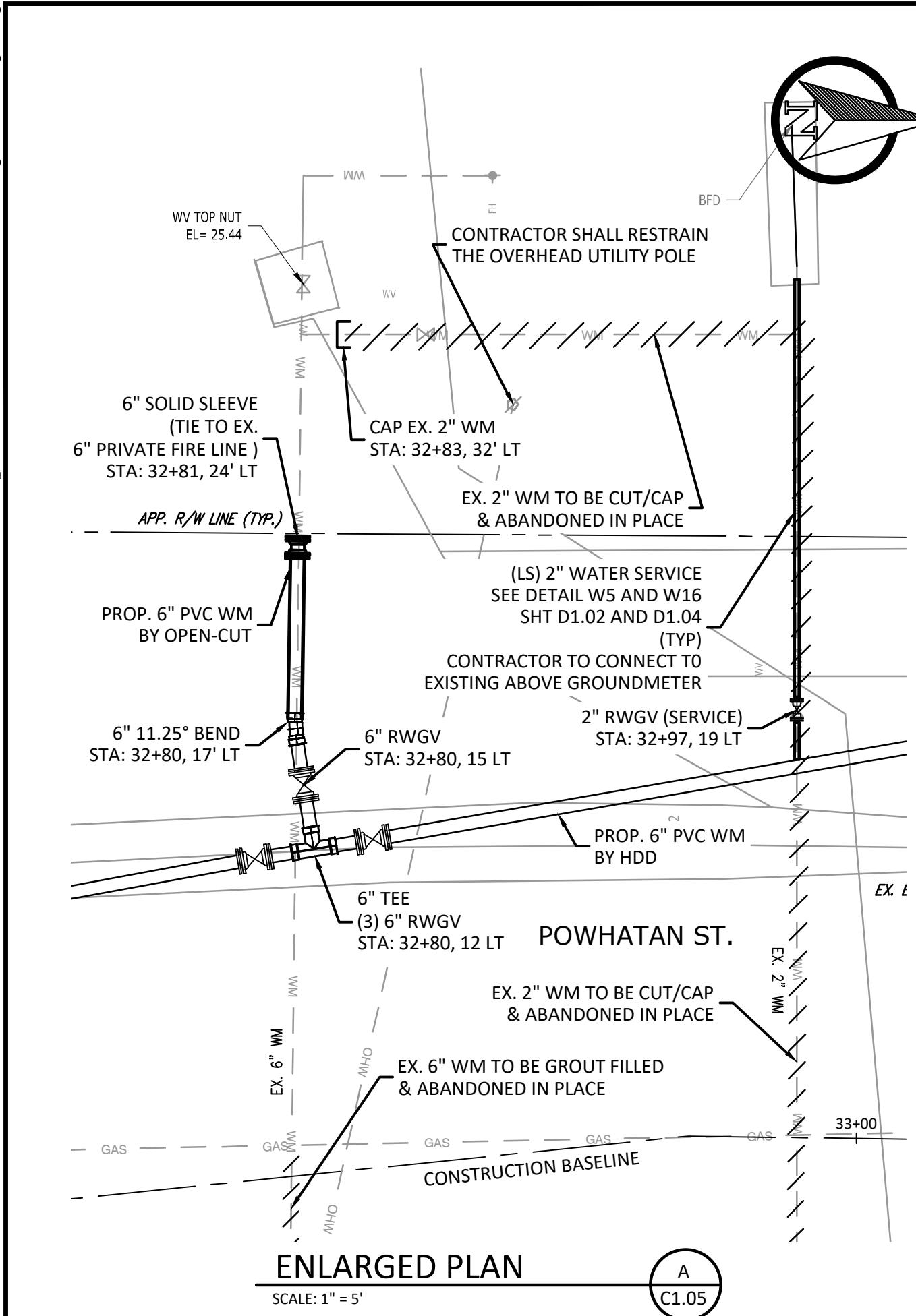
**SEMINOLE PARK AND MAPLEWAY
WATER MAIN REPLACEMENT (UT0096)**

**PARK AND MAPLEWAY
REPLACEMENT (UT009)**

**ENLARGED CONNECTION
DETAILS (1)**

DB NO: 0279-00026-2022-0998
DATE: JUNE 2022

**BID DOCUMENTS
06/25/2025**



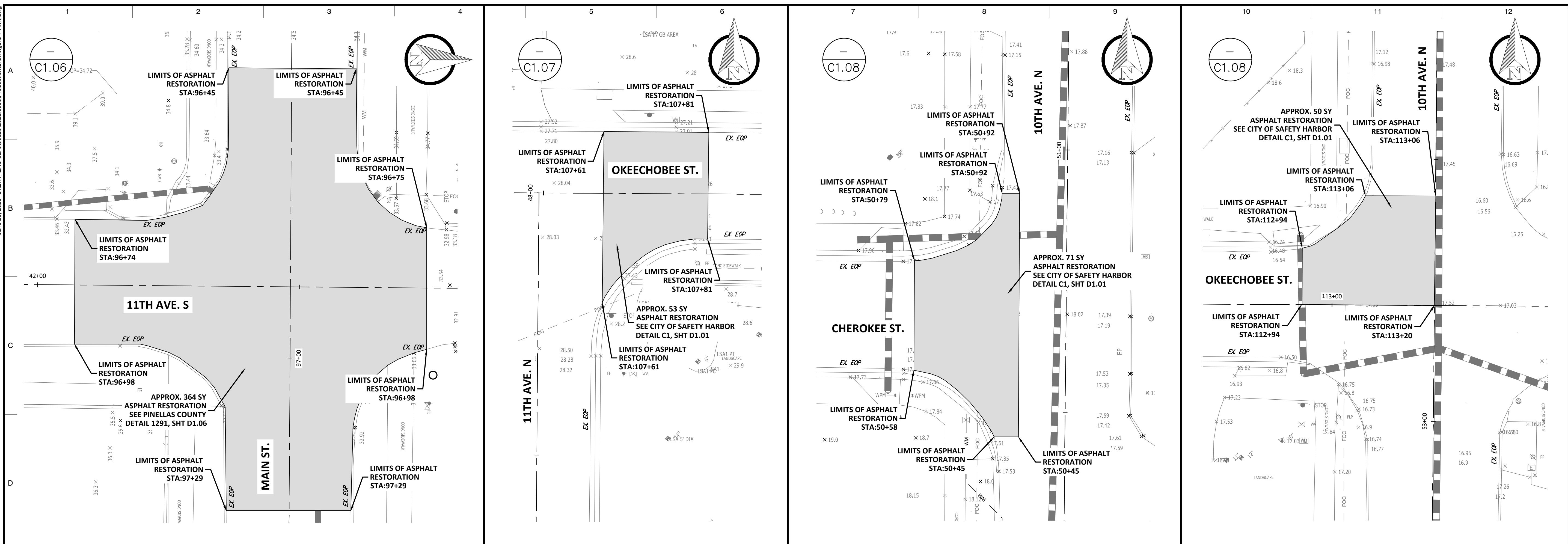
SEMINOLE PARK AND MAPLEWAY
WATER MAIN REPLACEMENT (UT0096)
WATER MAIN ENLARGED CONNECTION
DETAILS (2)

NO. DATE

JOB NO: 0279-00026-2022-0998
DATE: JUNE 2022

C2.03

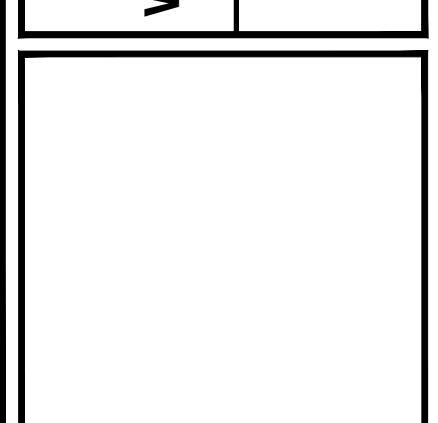
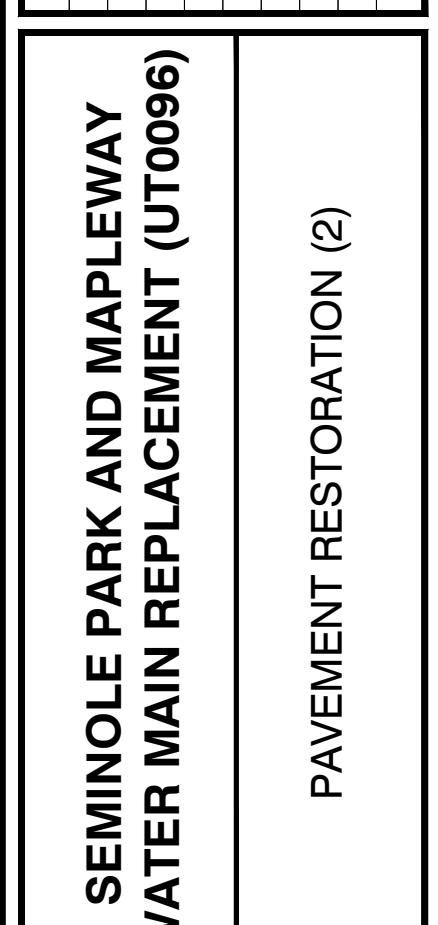
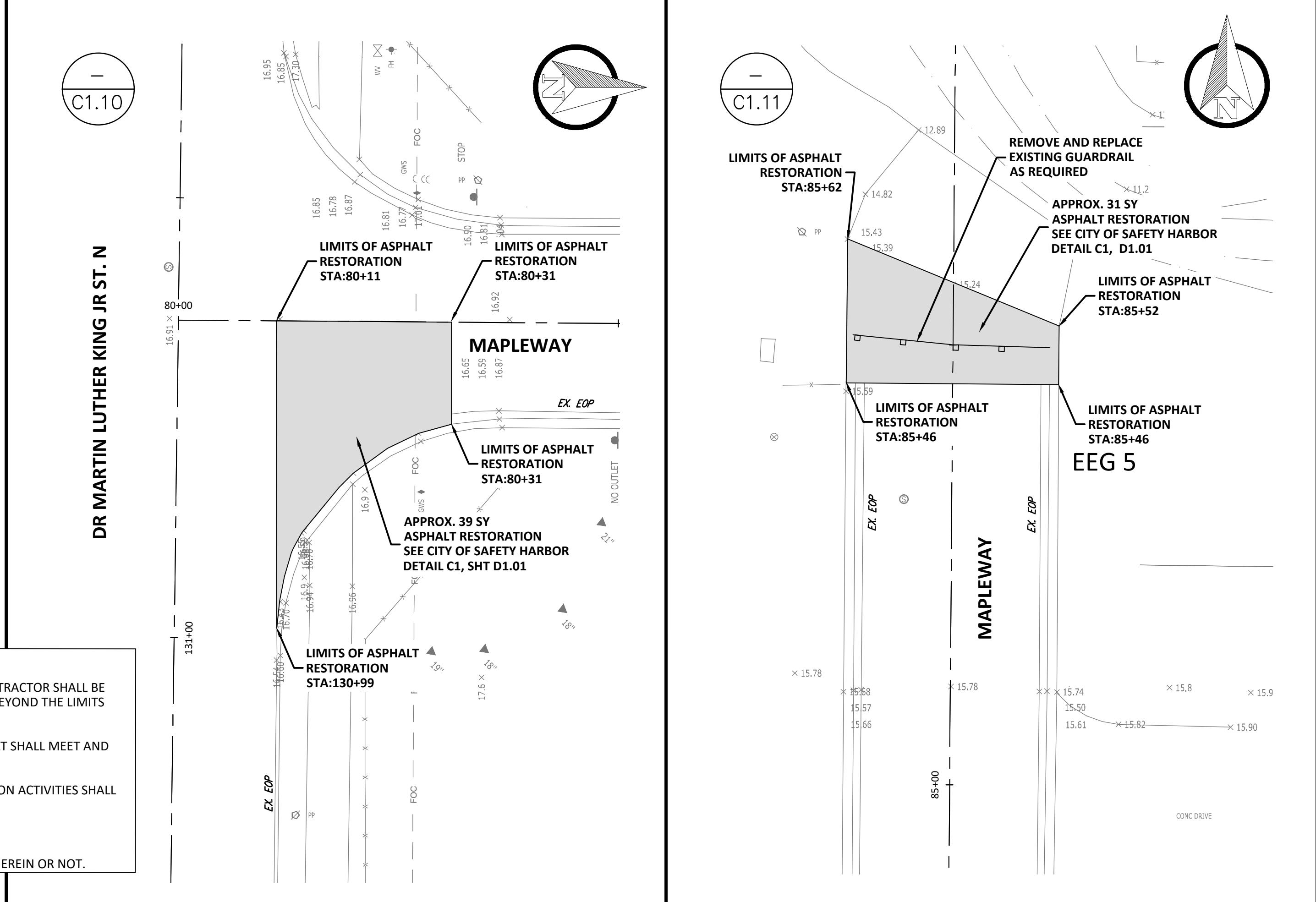
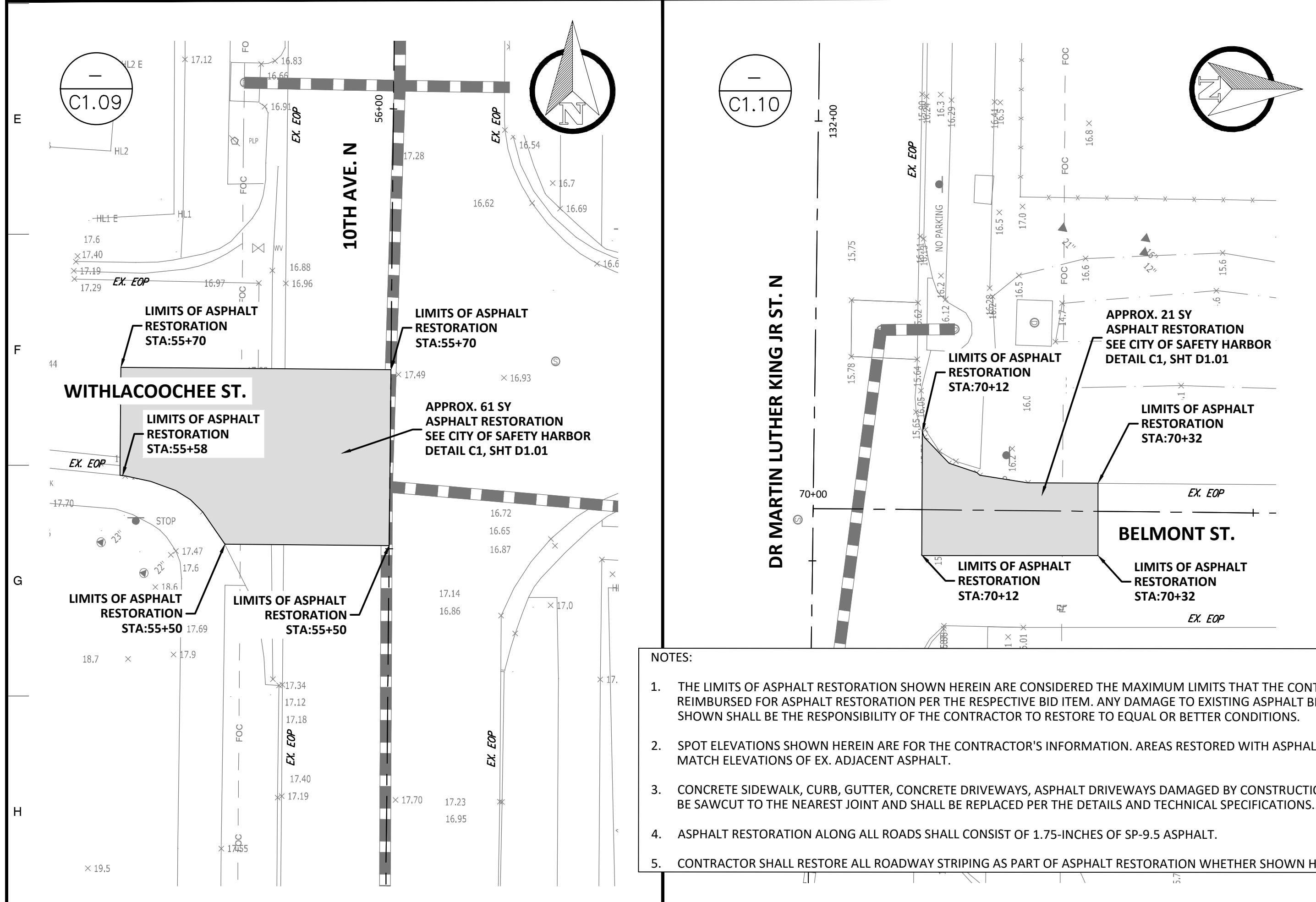
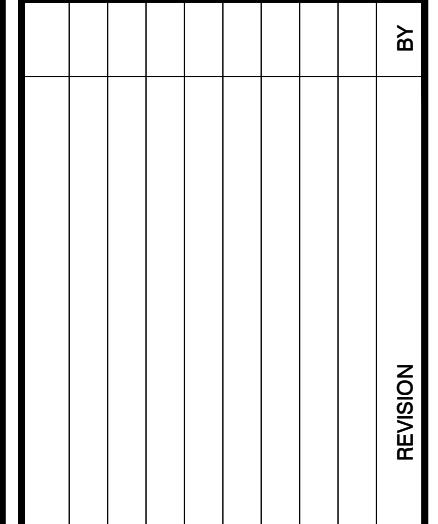
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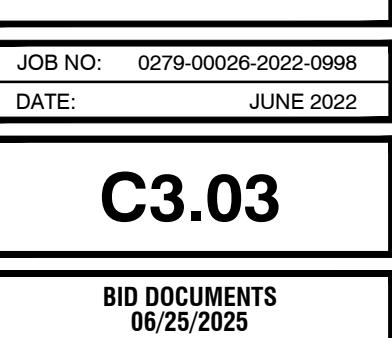
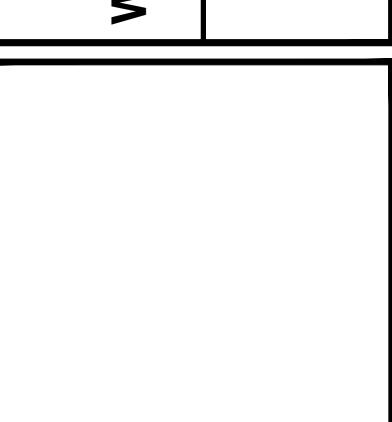
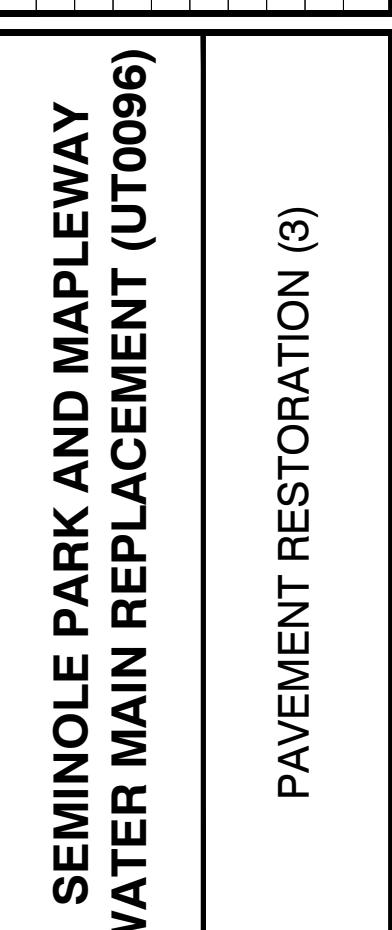
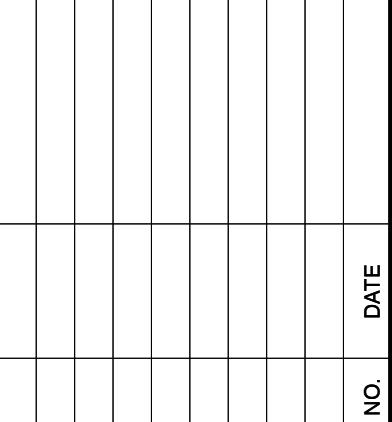
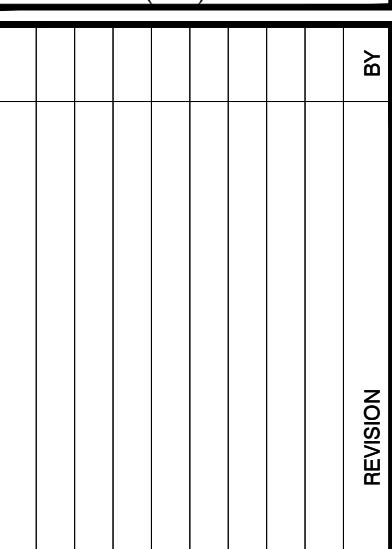
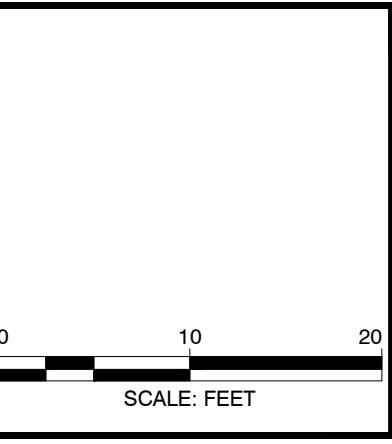
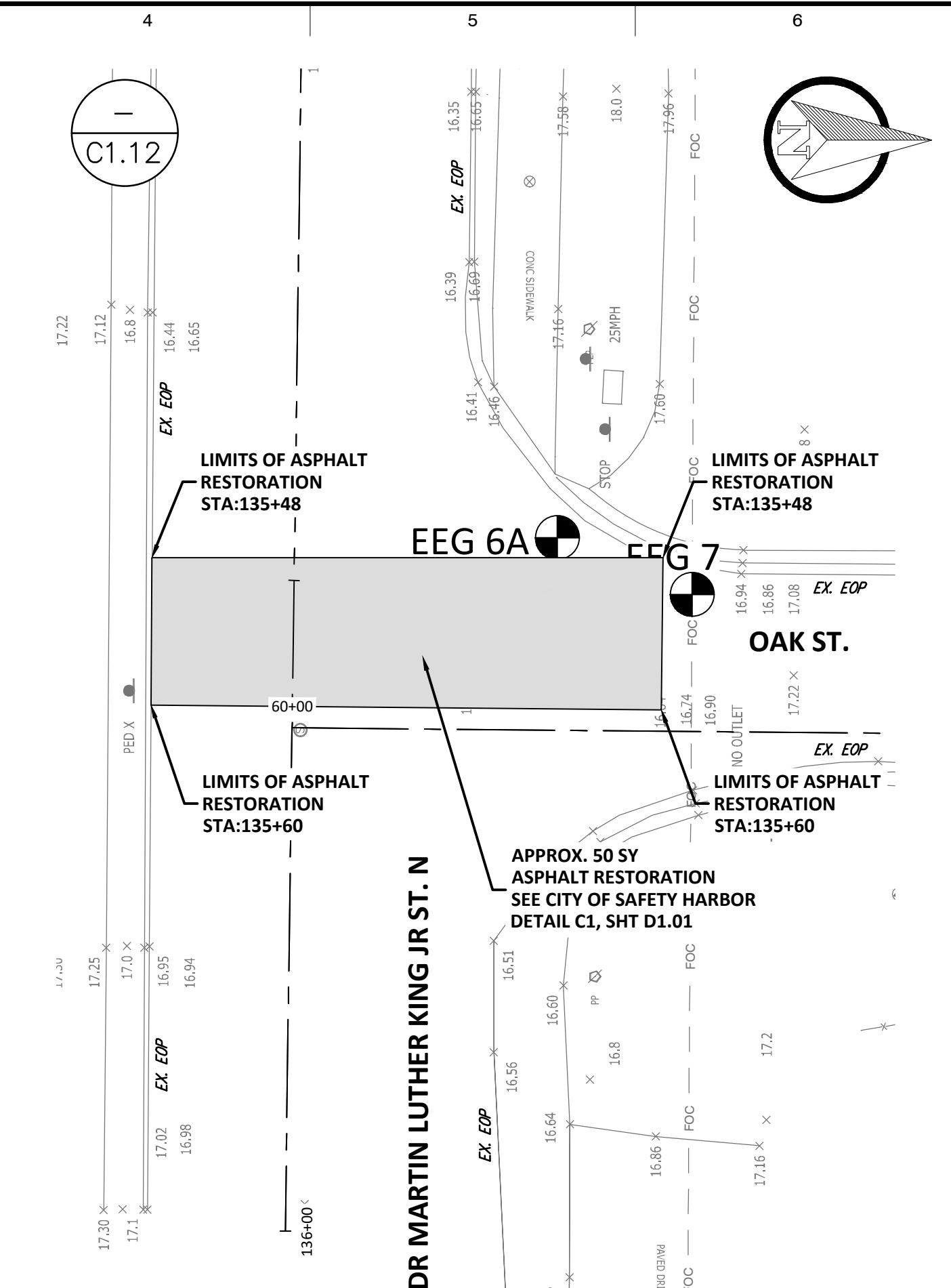
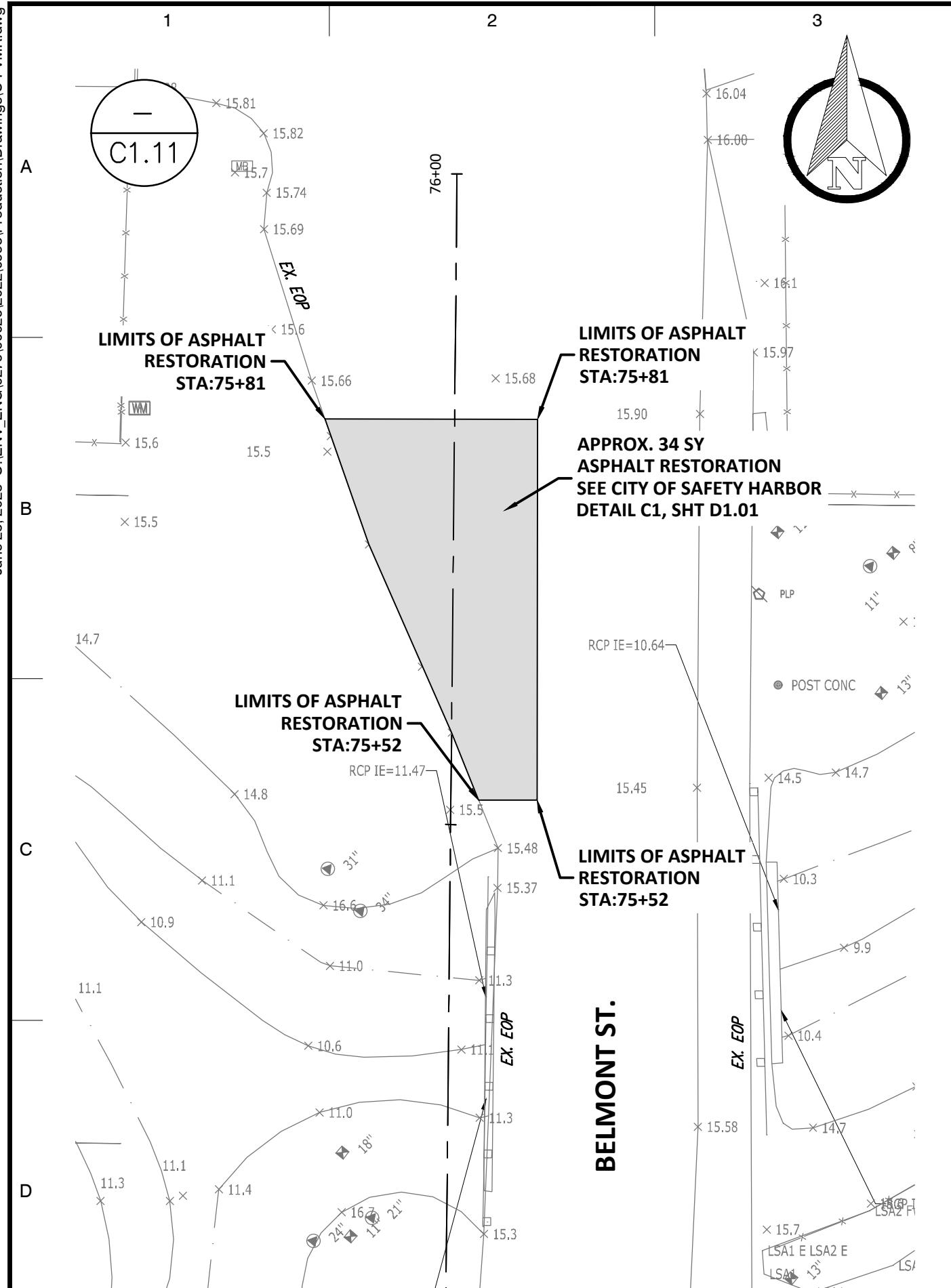
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JOB NO: 0279-00026-2022-0998
DATE: JUNE 2022

C3.02

BID DOCUMENTS
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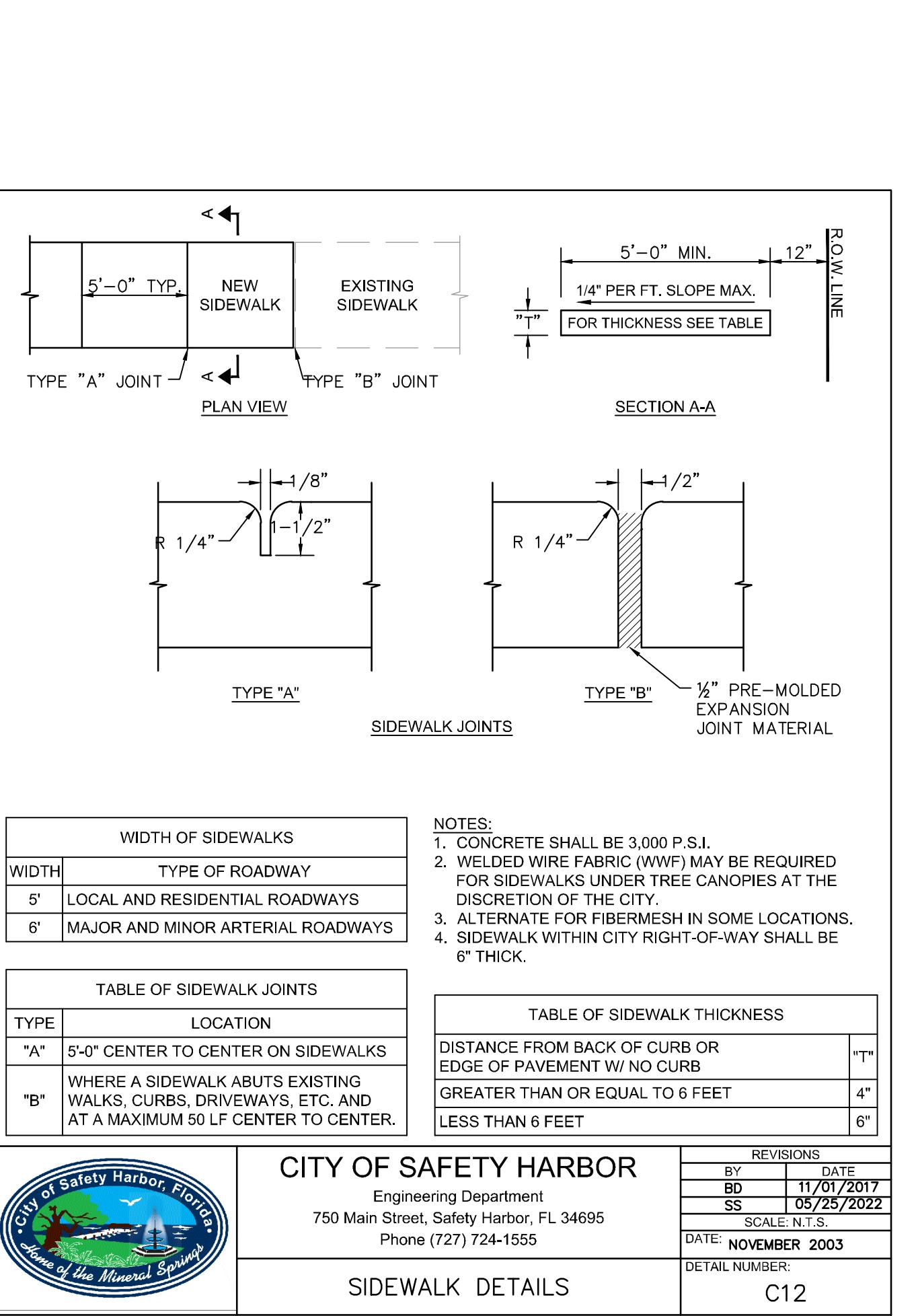
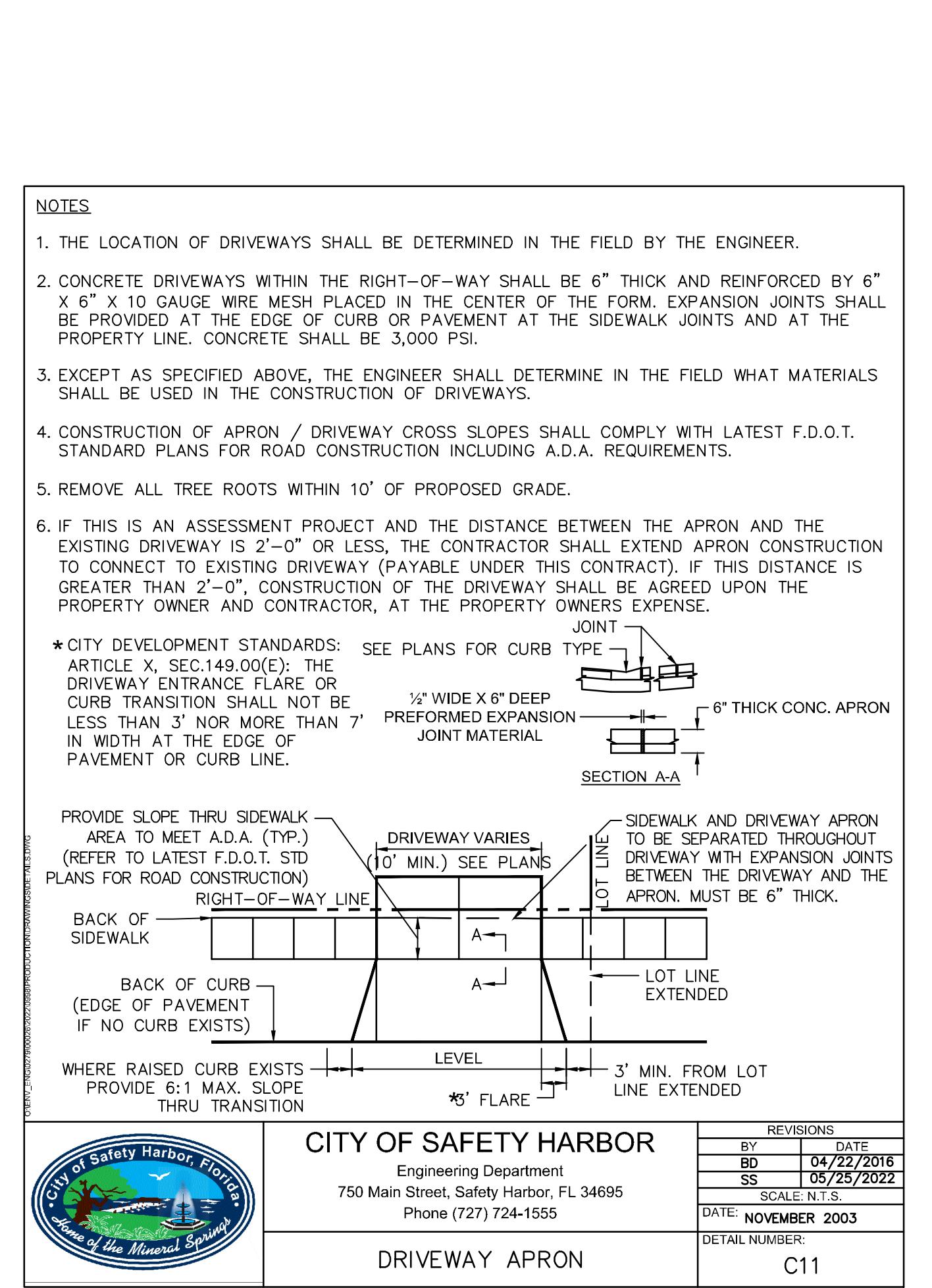
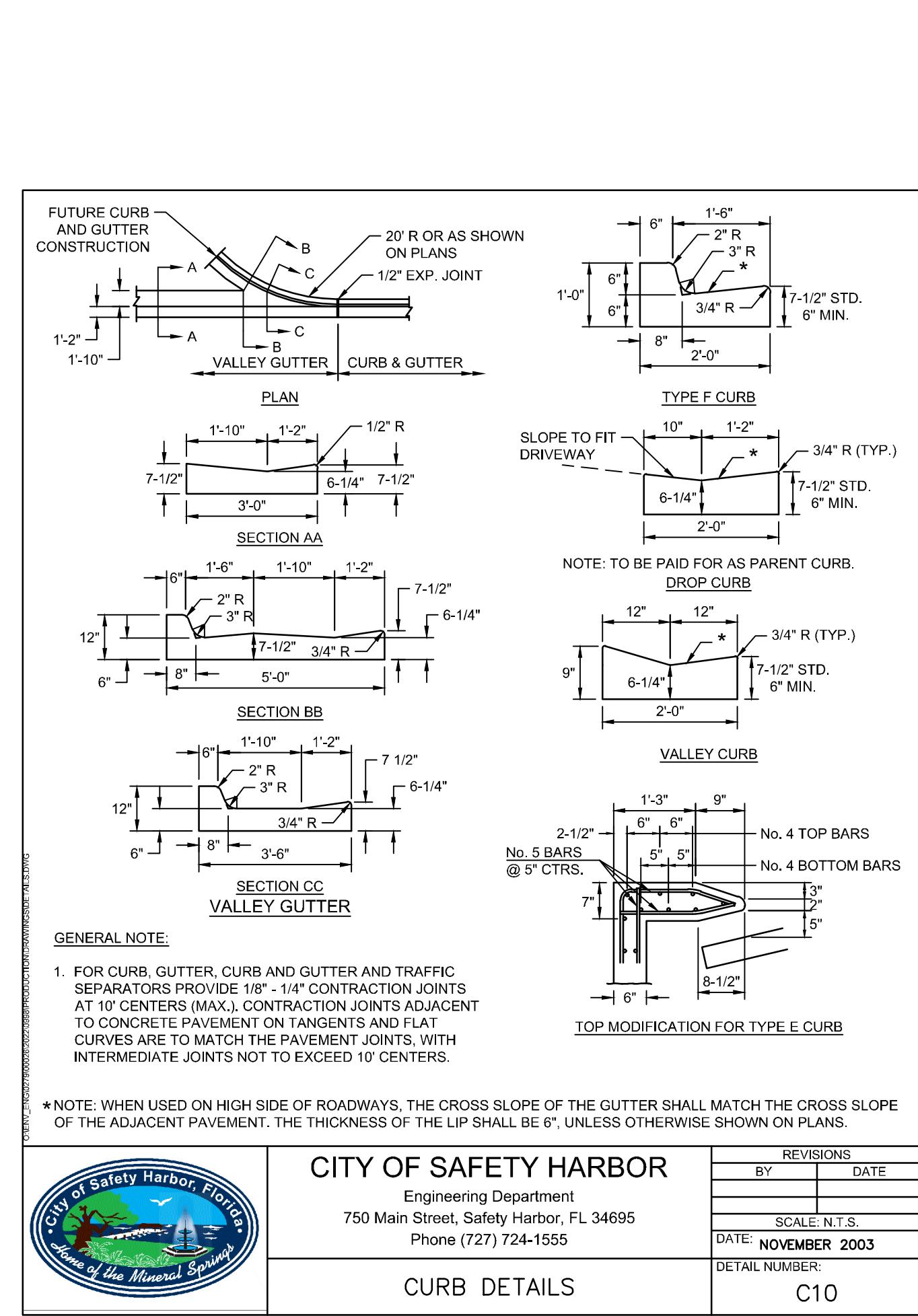
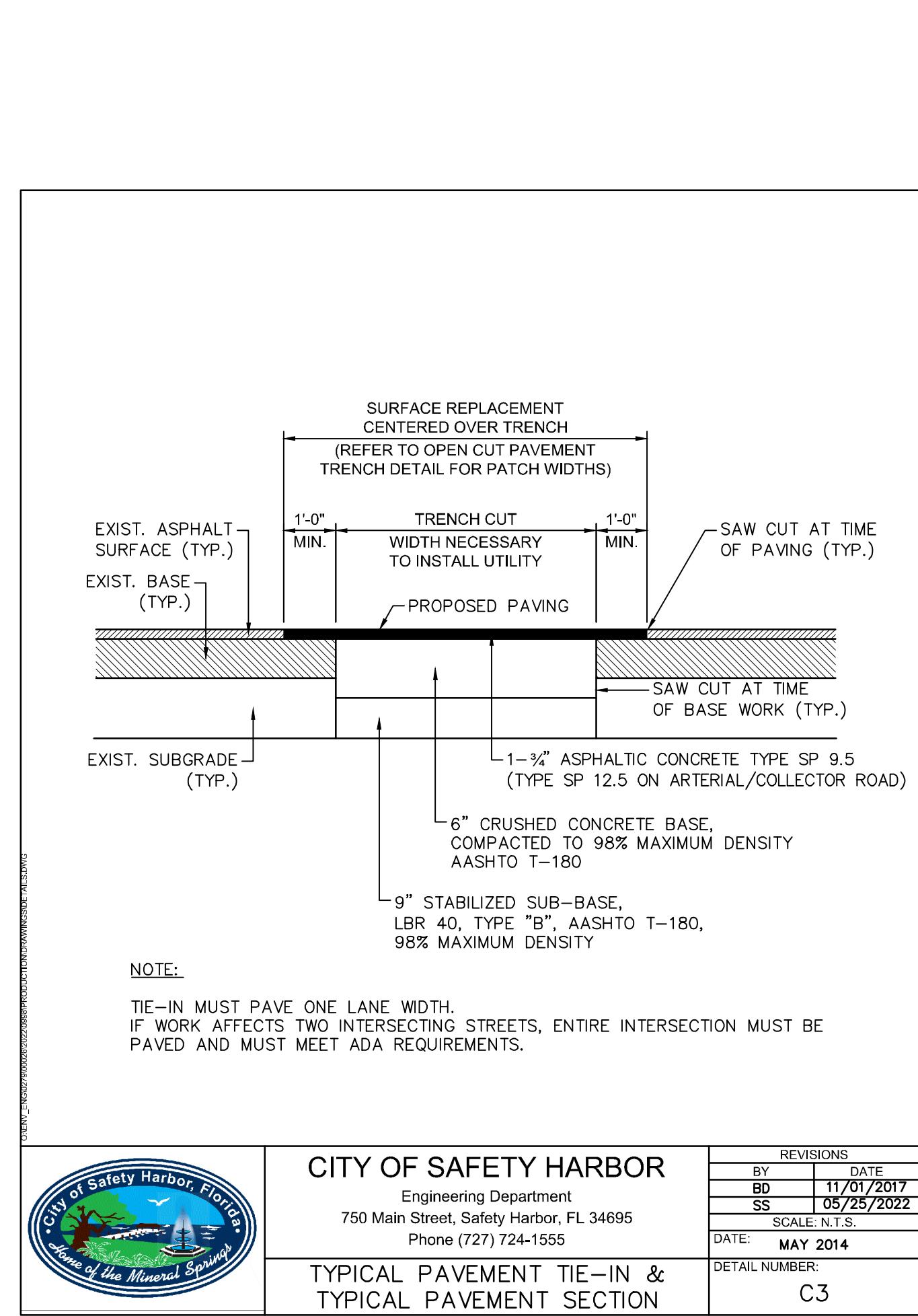


NOTES

1. THE LIMITS OF ASPHALT RESTORATION SHOWN HEREIN ARE CONSIDERED THE MAXIMUM LIMITS THAT THE CONTRACTOR SHALL BE REIMBURSED FOR ASPHALT RESTORATION PER THE RESPECTIVE BID ITEM. ANY DAMAGE TO EXISTING ASPHALT BEYOND THE LIMITS SHOWN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESTORE TO EQUAL OR BETTER CONDITIONS.
2. SPOT ELEVATIONS SHOWN HEREIN ARE FOR THE CONTRACTOR'S INFORMATION. AREAS RESTORED WITH ASPHALT SHALL MEET AND MATCH ELEVATIONS OF EX. ADJACENT ASPHALT.
3. CONCRETE SIDEWALK, CURB, GUTTER, CONCRETE DRIVEWAYS, ASPHALT DRIVEWAYS DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE SAWCUT TO THE NEAREST JOINT AND SHALL BE REPLACED PER THE DETAILS AND TECHNICAL SPECIFICATIONS.
4. ASPHALT RESTORATION ALONG ALL ROADS SHALL CONSIST OF 1.75-INCHES OF SP-9.5 ASPHALT.
5. CONTRACTOR SHALL RESTORE ALL ROADWAY STRIPING AS PART OF ASPHALT RESTORATION WHETHER SHOWN HEREIN OR NOT.

JOB NO: 0279-00026-2022-09
DATE: JUNE 2022

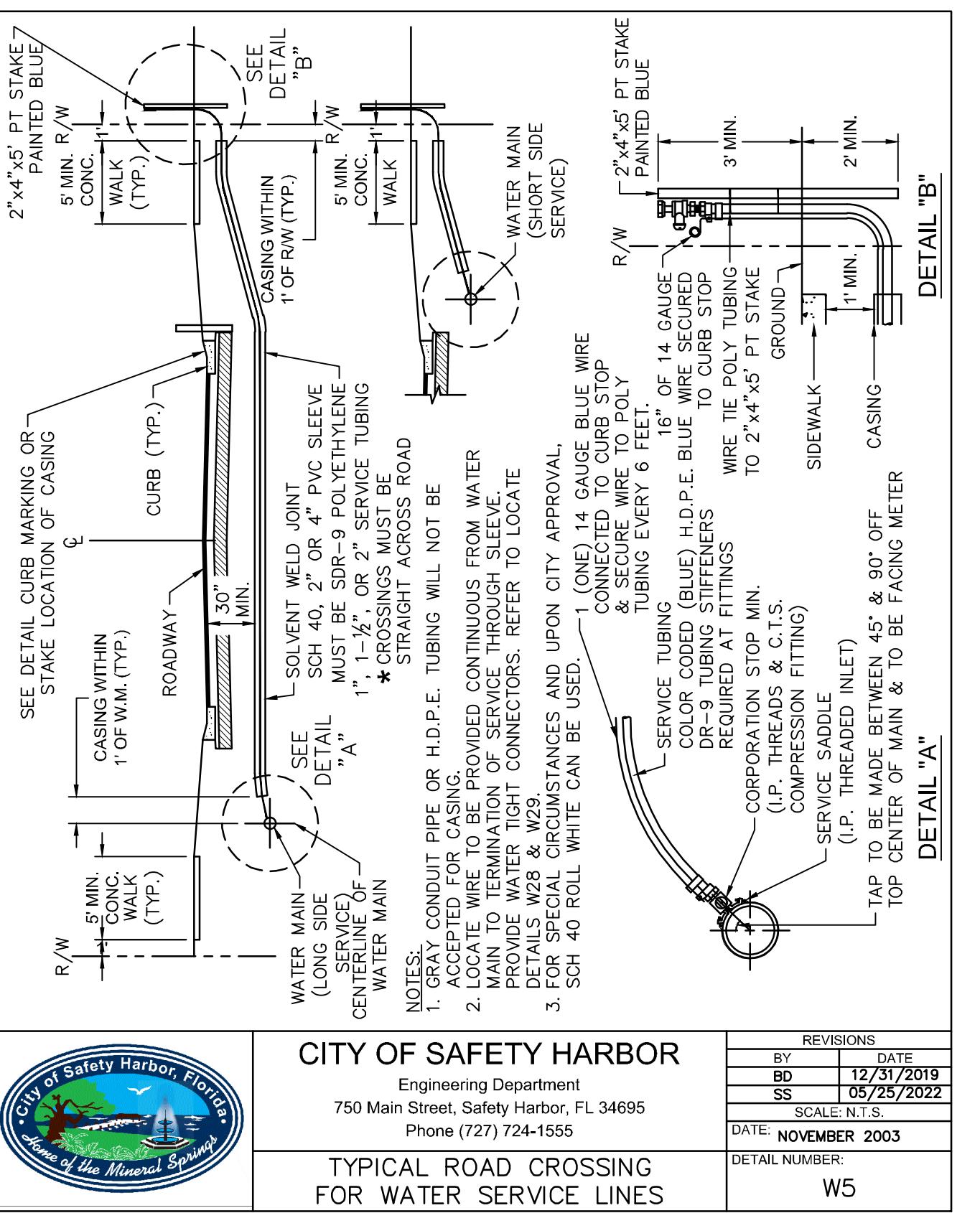
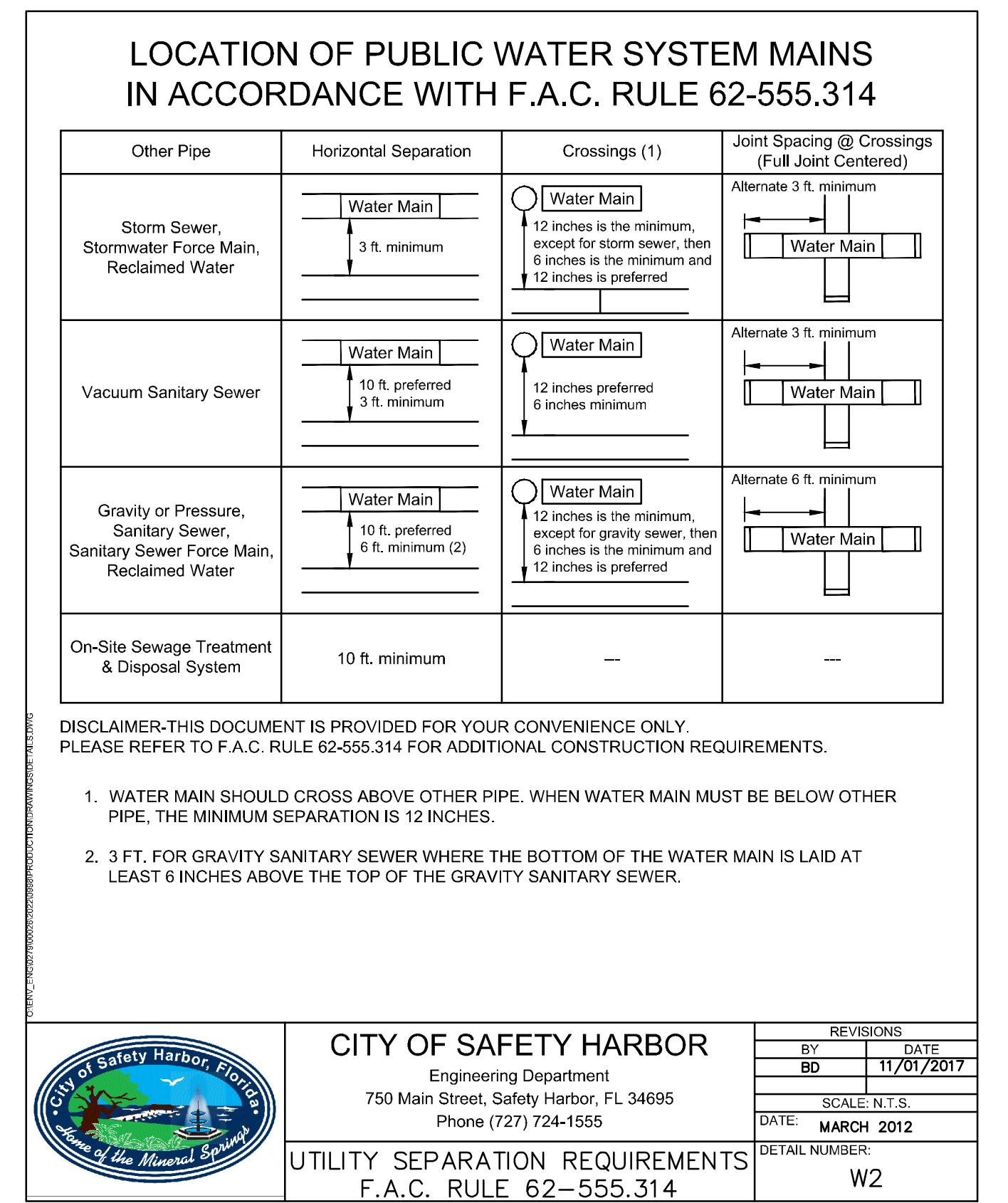
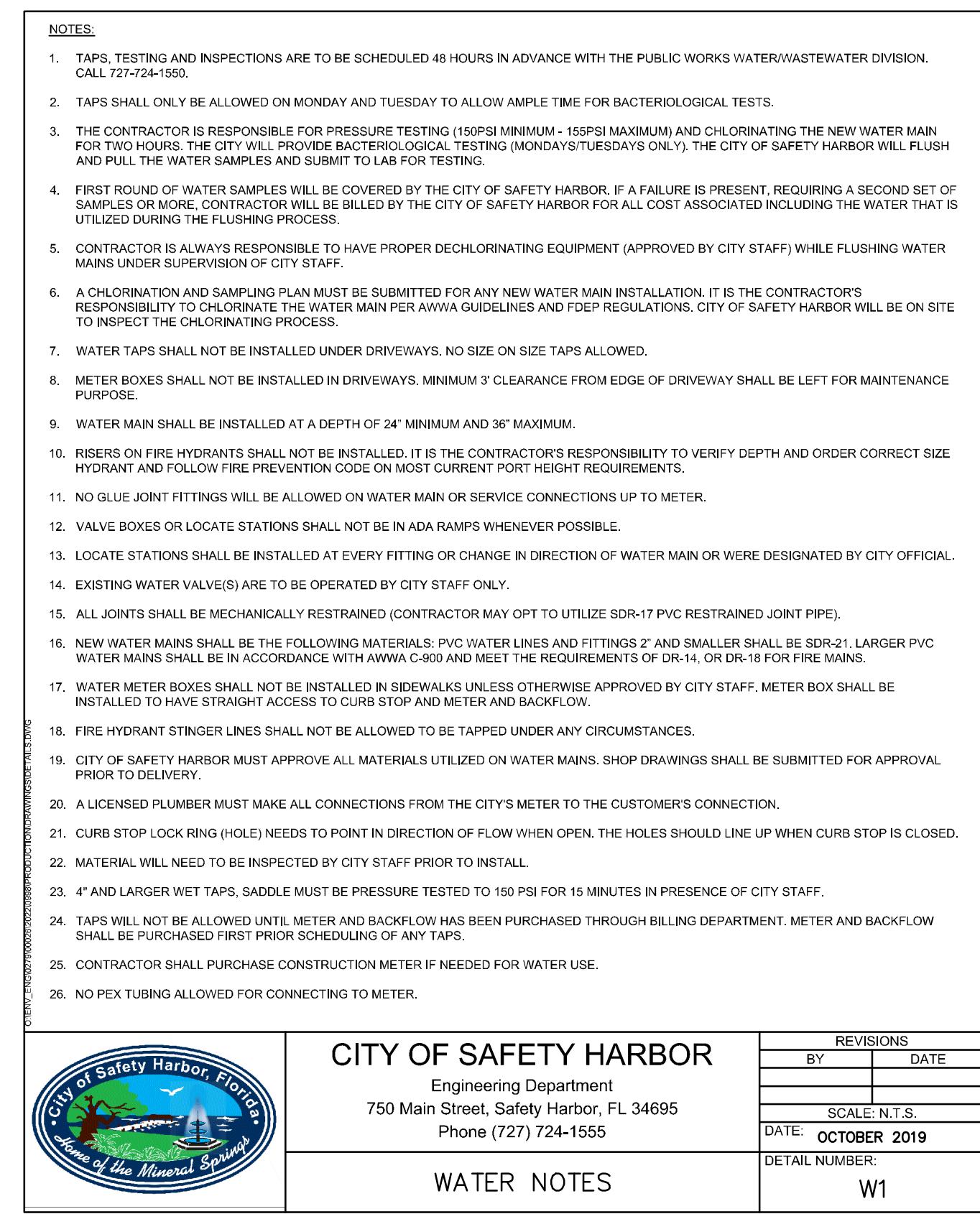
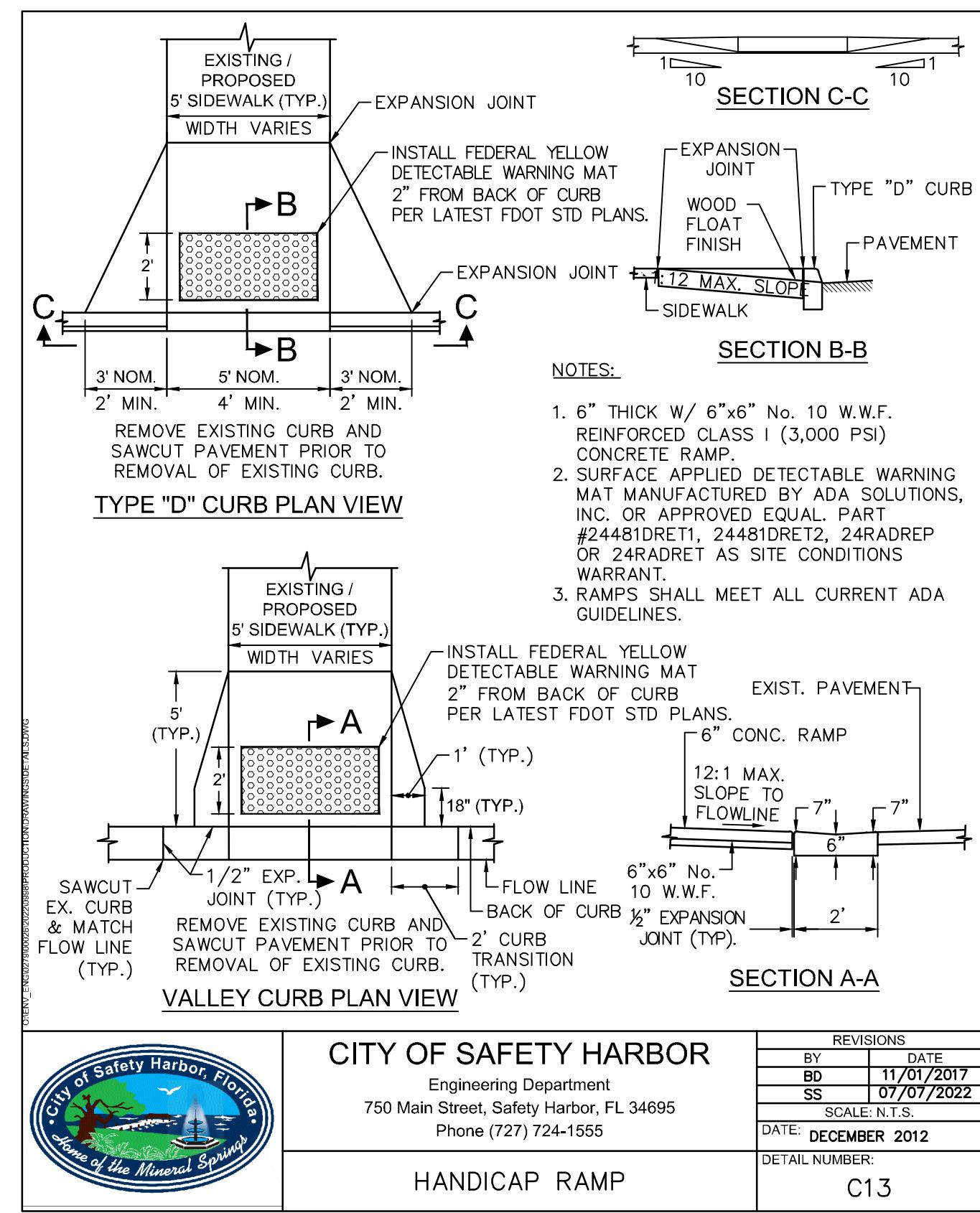
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SEMINOLE PARK AND MAPLEWAY WATER MAIN REPLACEMENT (UT0096)
MISCELLANEOUS DETAILS (2)

D1.02

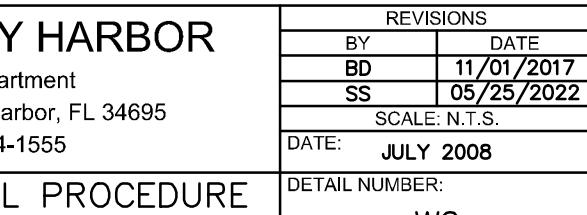
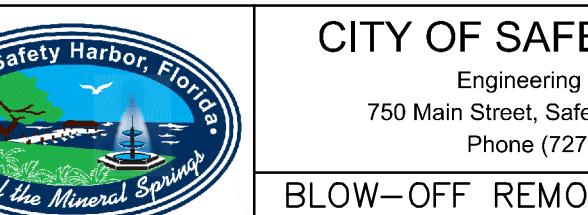
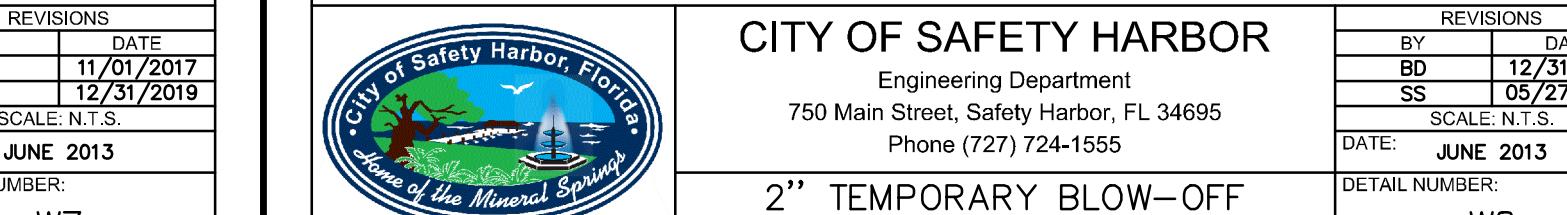
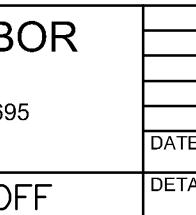
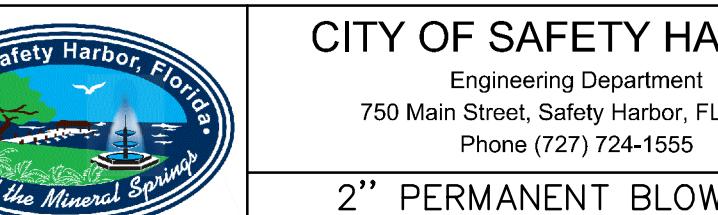
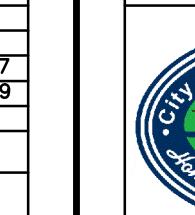
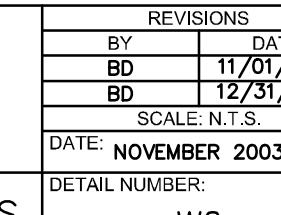
BID DOCUMENTS
06/25/2025

PIPE SIZE	FITTING TYPE						
	90°	45°	22-1/2°	11-1/4°	DEAD END	TEE	VALVE
2"	3	1	1	1	4	3	3
4"	3	1	1	1	4	3	3
6"	4	2	1	1	6	4	4
8"	5	2	1	1	9	5	5
10"	6	3	1	1	10	6	6
12"	7	3	2	1	11	7	7
16"	8	4	2	1	14	8	8
20"	9	4	2	1	18	11	11
24"	10	4	2	1	22	13	13

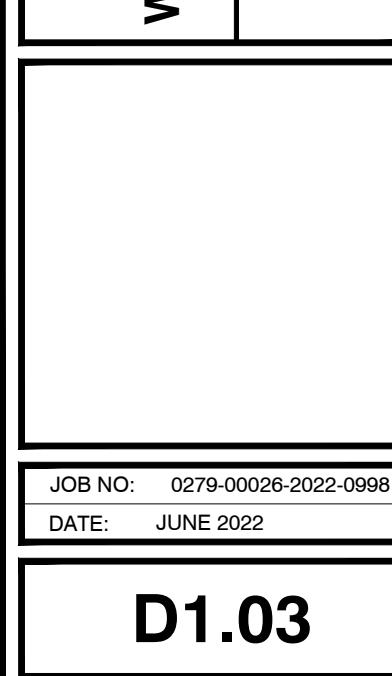
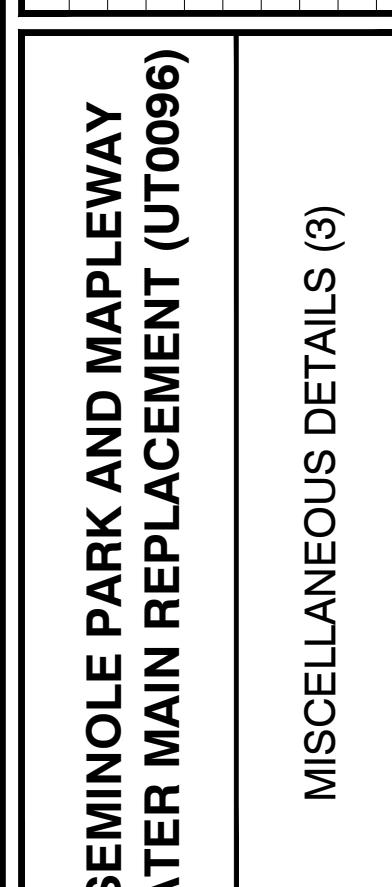
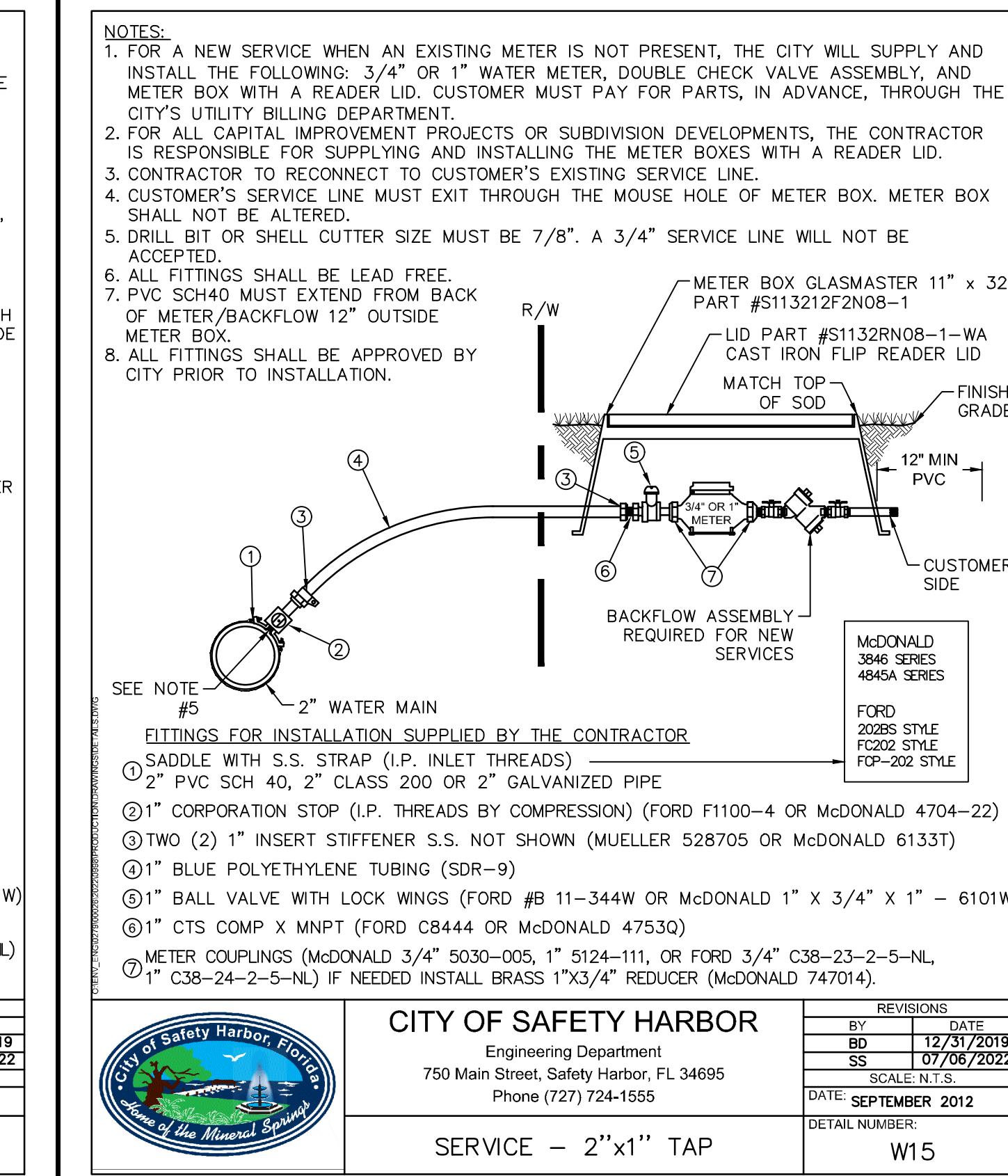
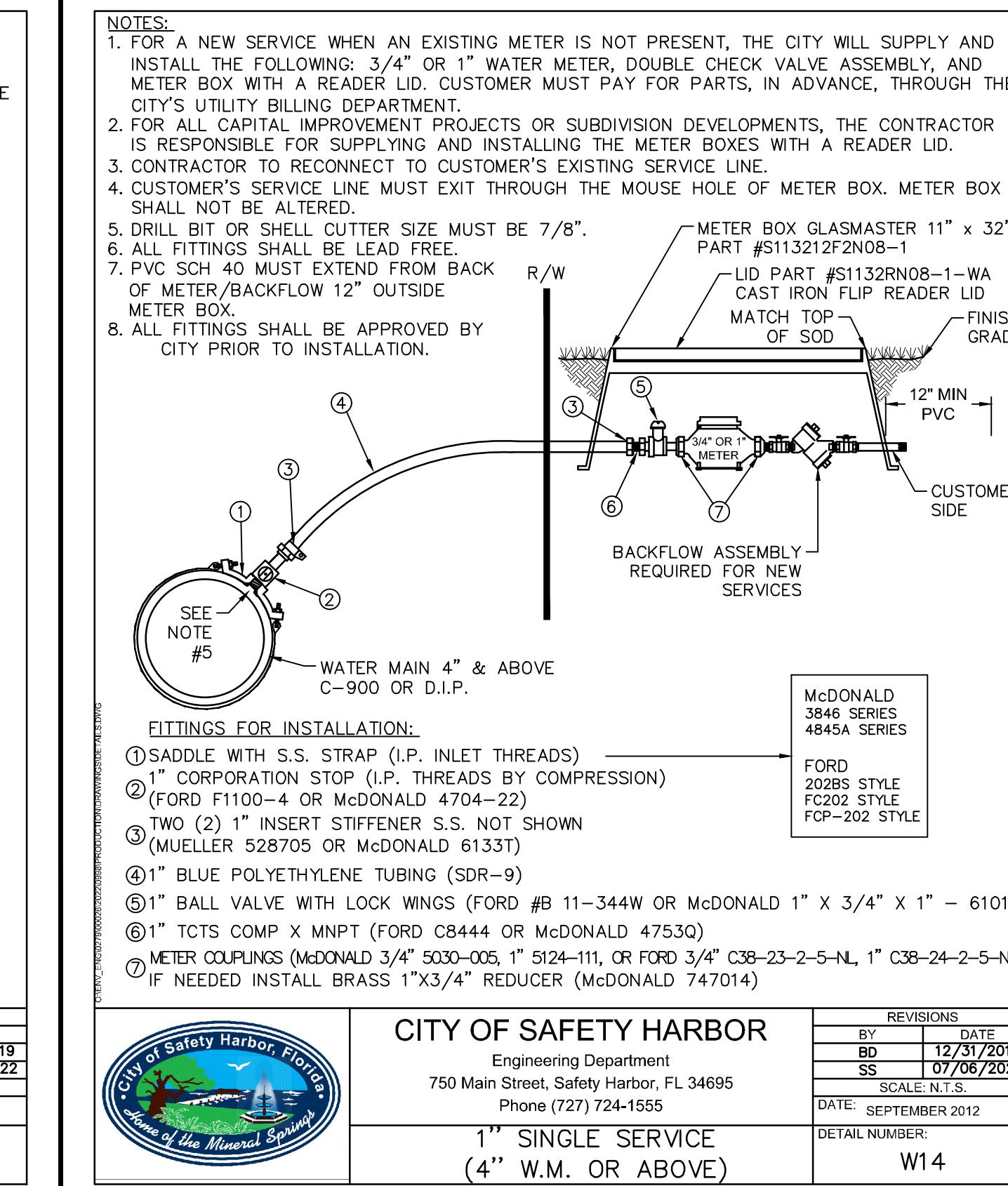
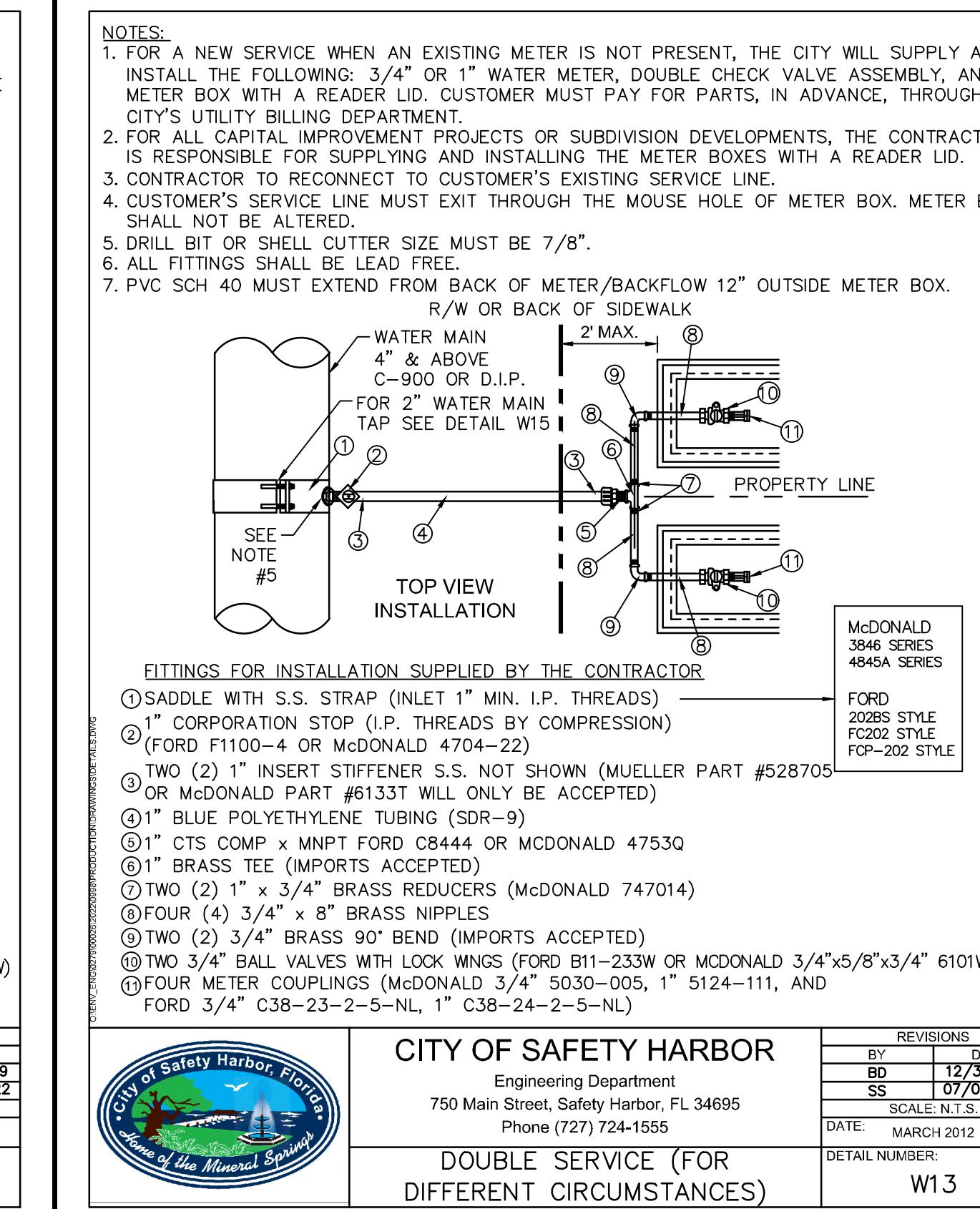
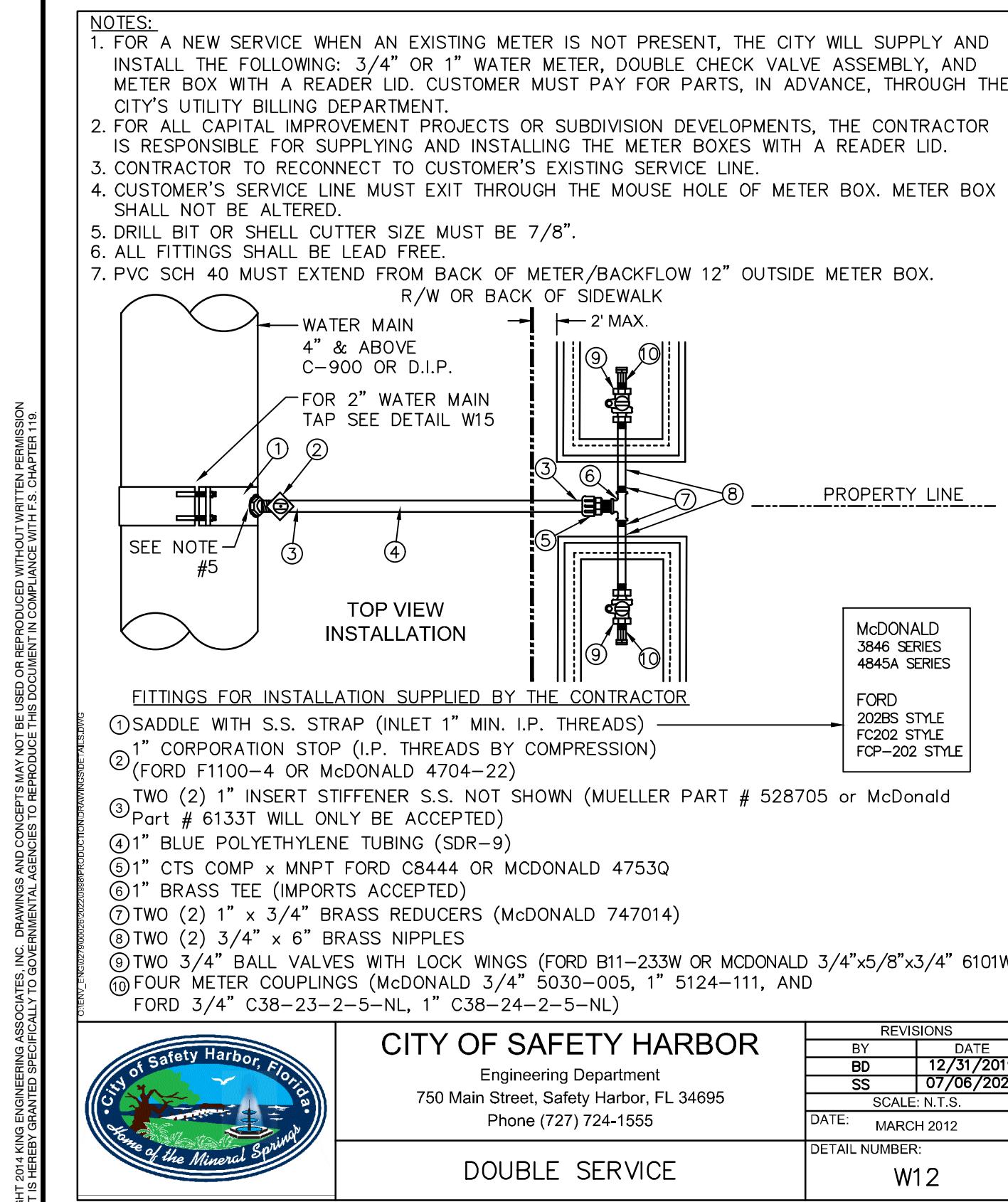
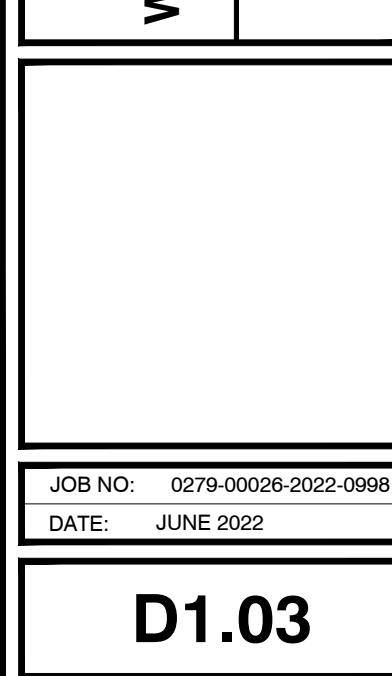
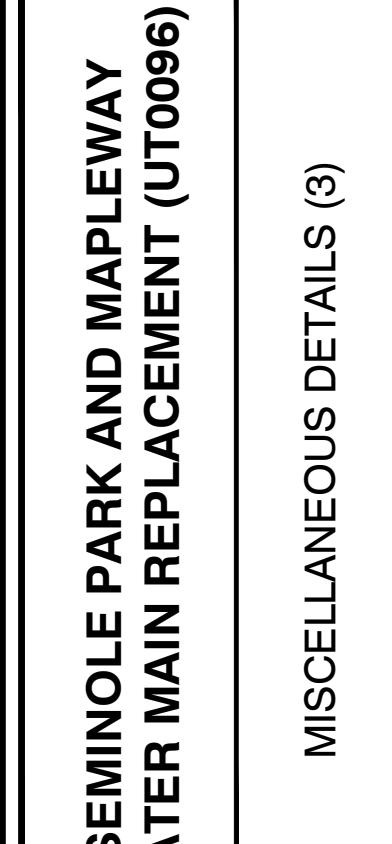
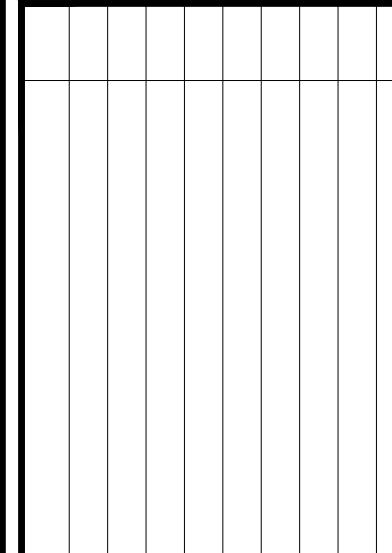
TABLE APPLIES TO 20 FOOT PIPE LENGTHS @ 150 P.S.I.G. FOR 2 HOURS. (PER AWWA SPECIFICATIONS). TEST PRESSURE WITH 24" MIN., 36" MAX. OF COVER OVER PIPE. NUMBERS SHOWN IN TABLE ARE THE NUMBER OF BELL JOINTS FOR EACH SIDE OF FITTING. CONTINUE TO PLACE THE NEXT PIPE WITH NUMBER OF RESTRAINED BELL JOINTS AS CALLED OUT IN THE TABLE.

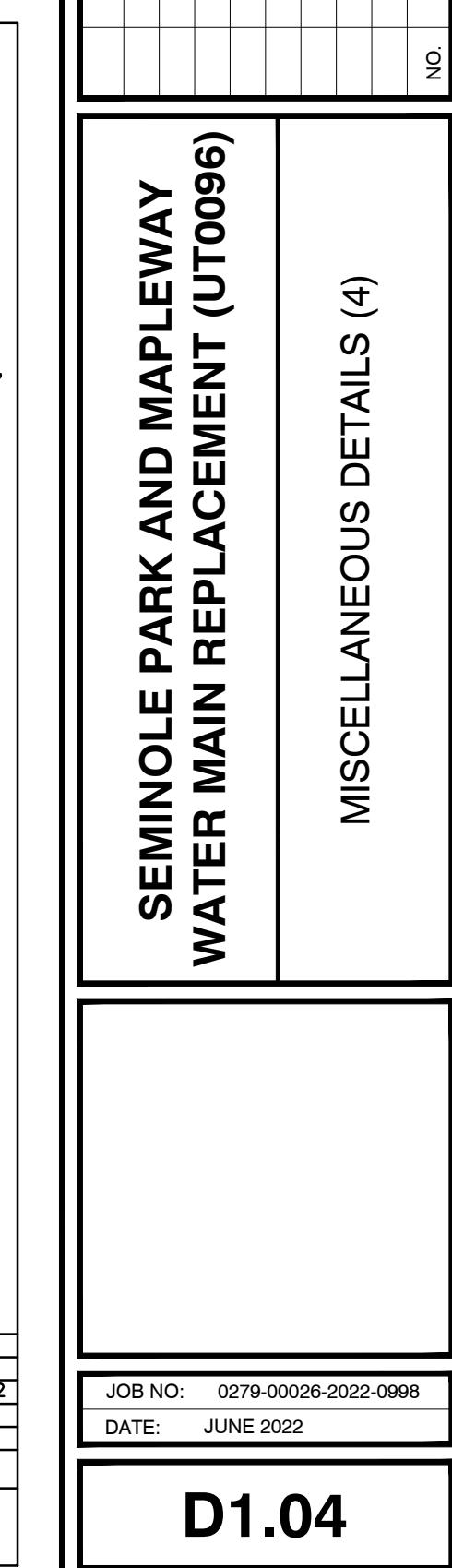
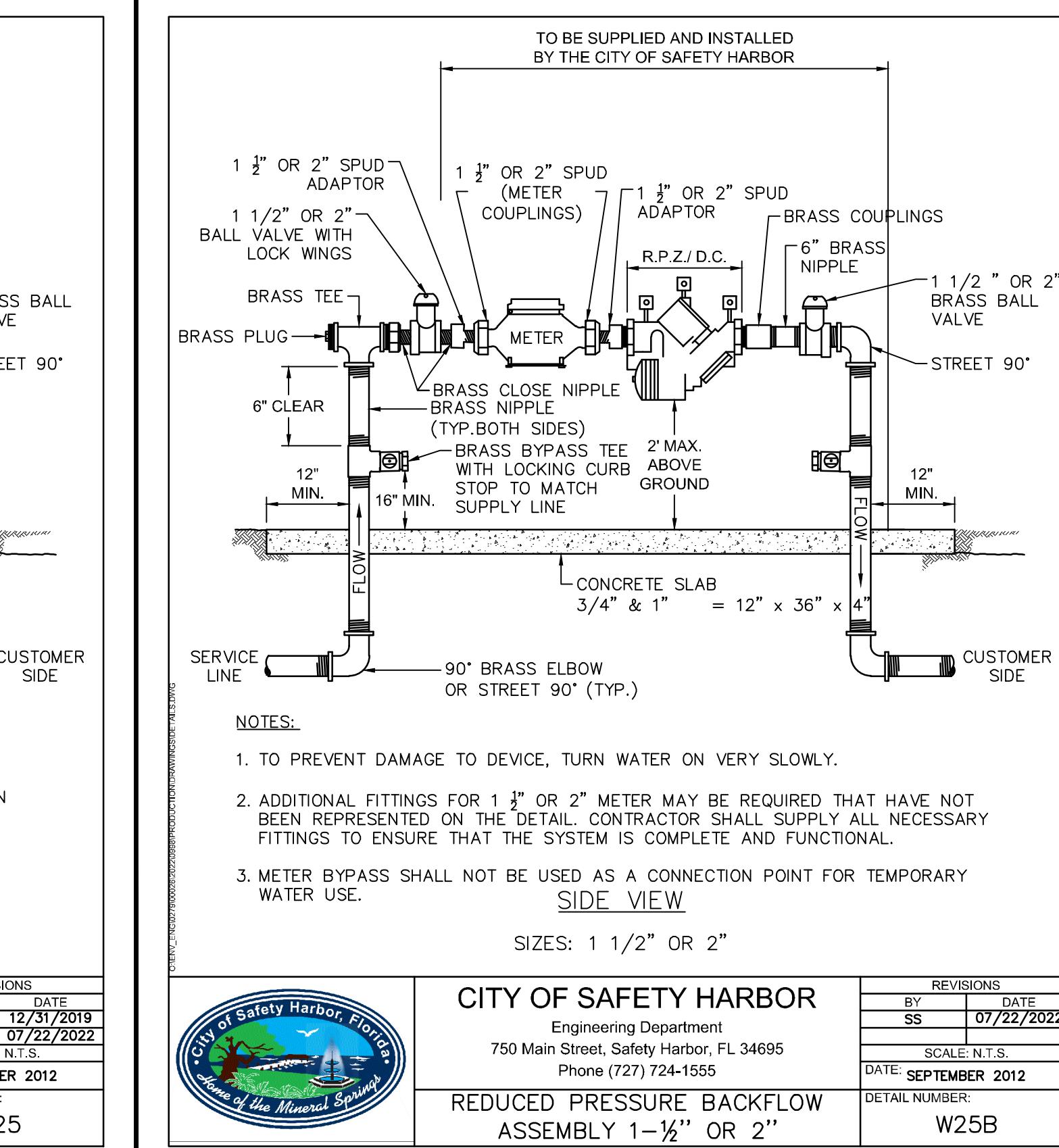
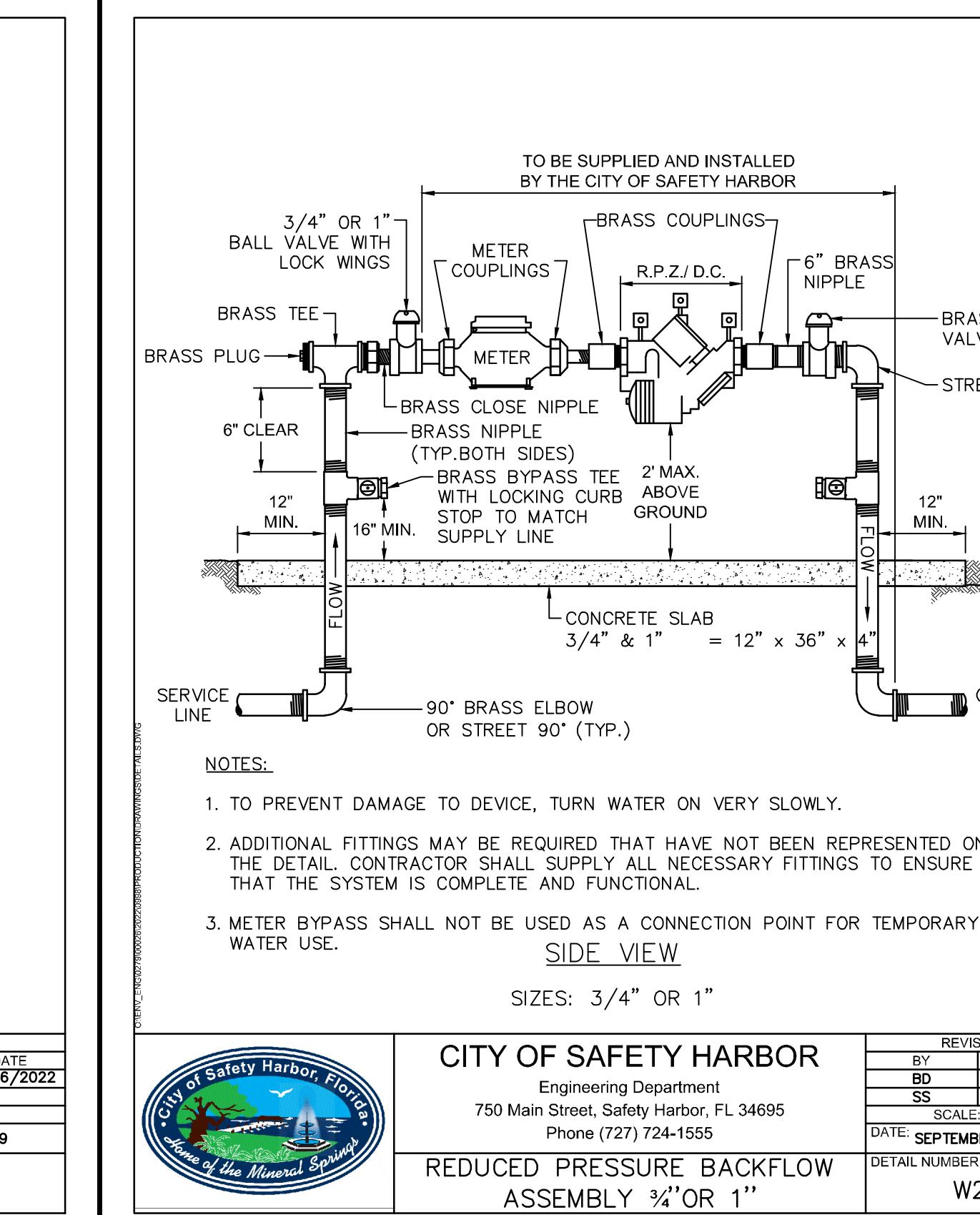
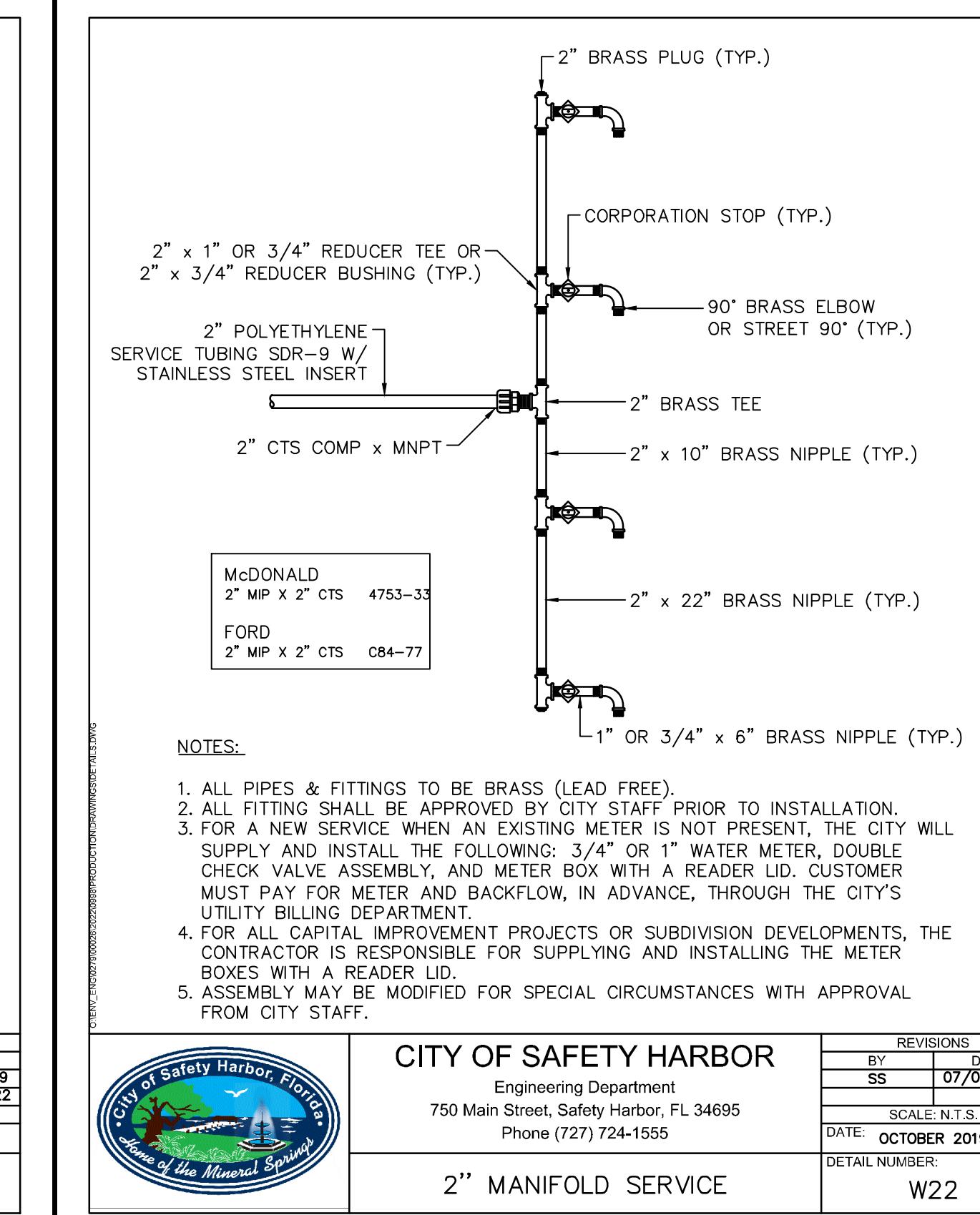
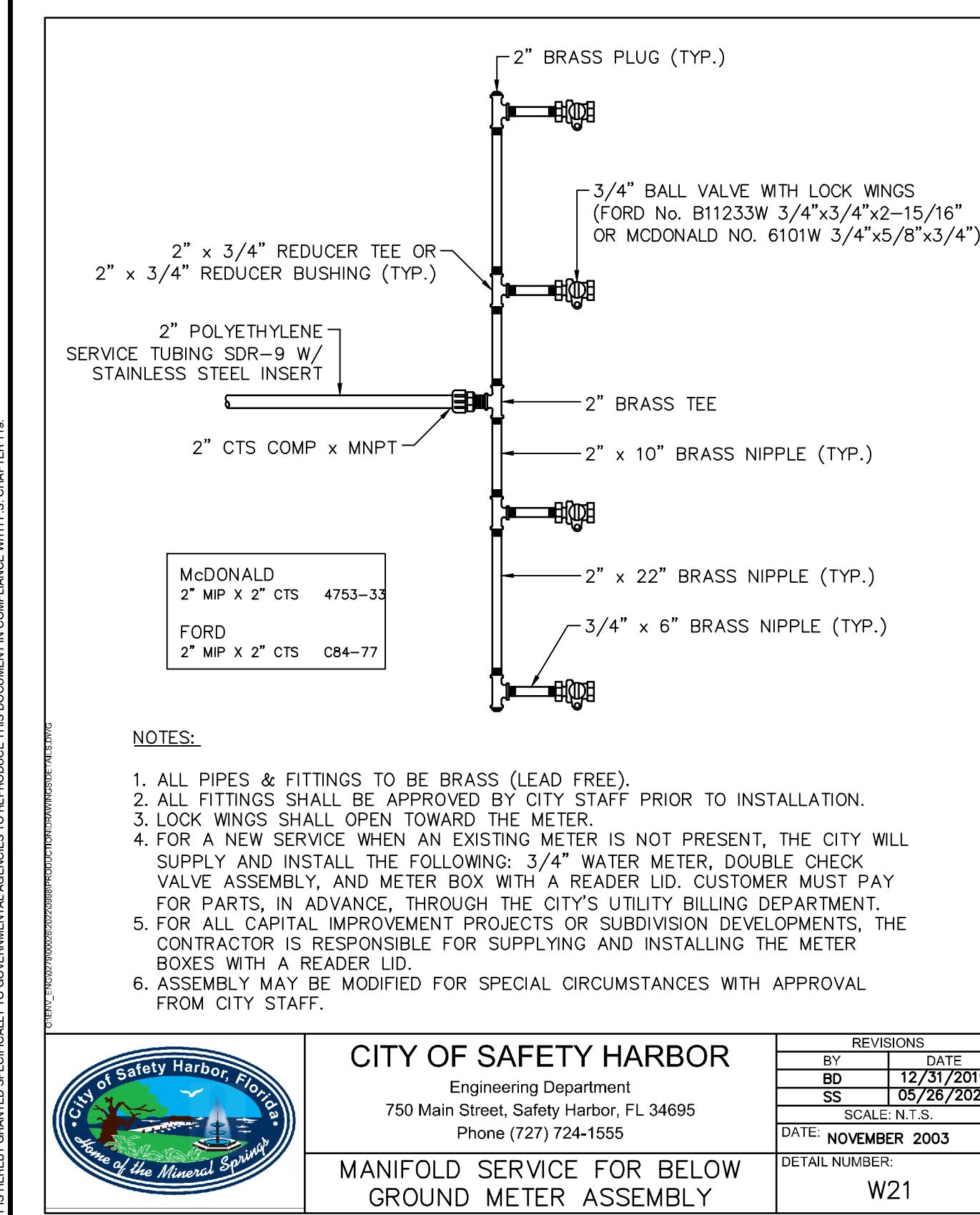
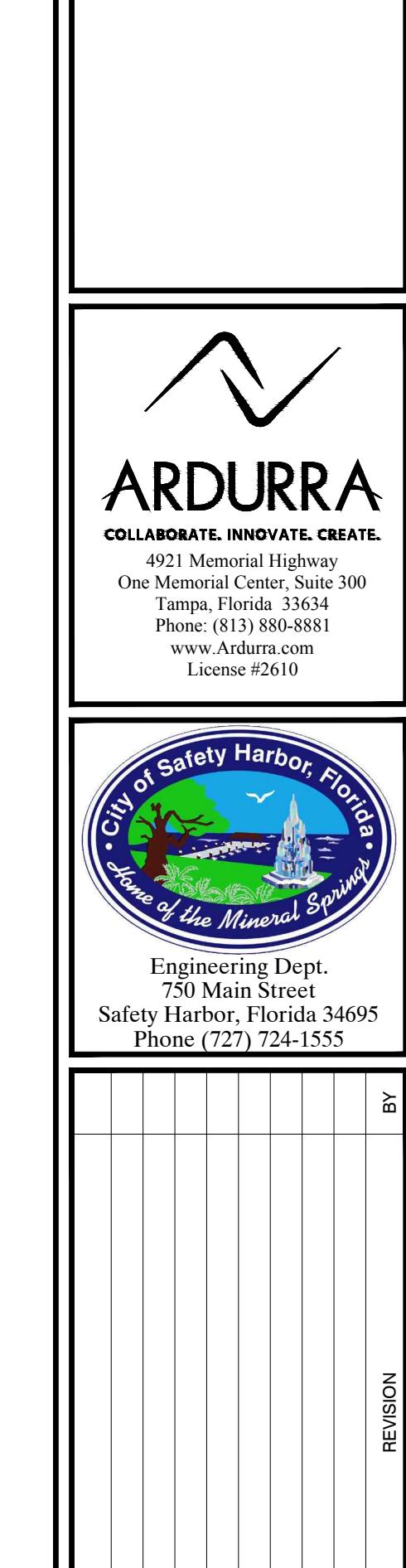
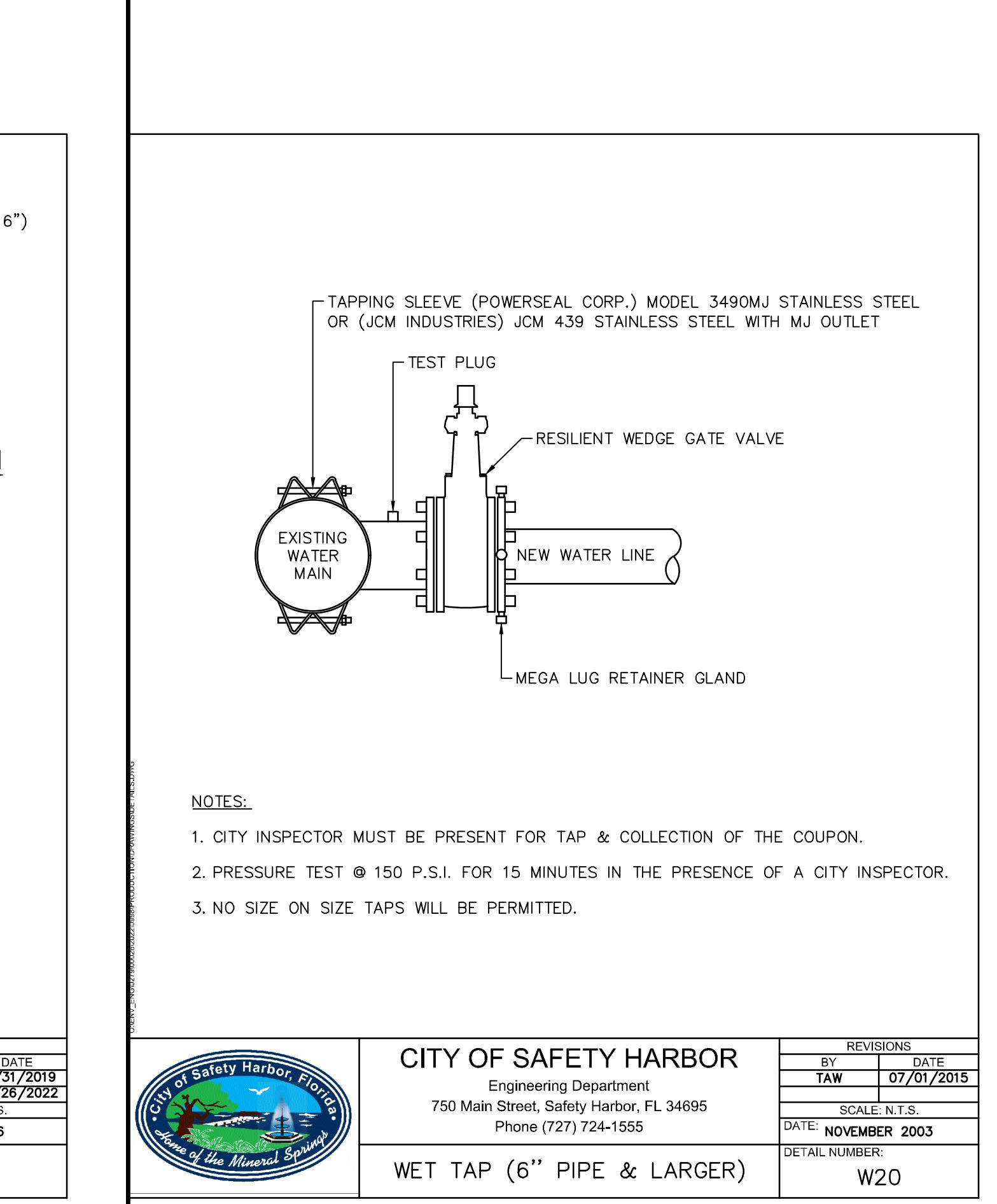
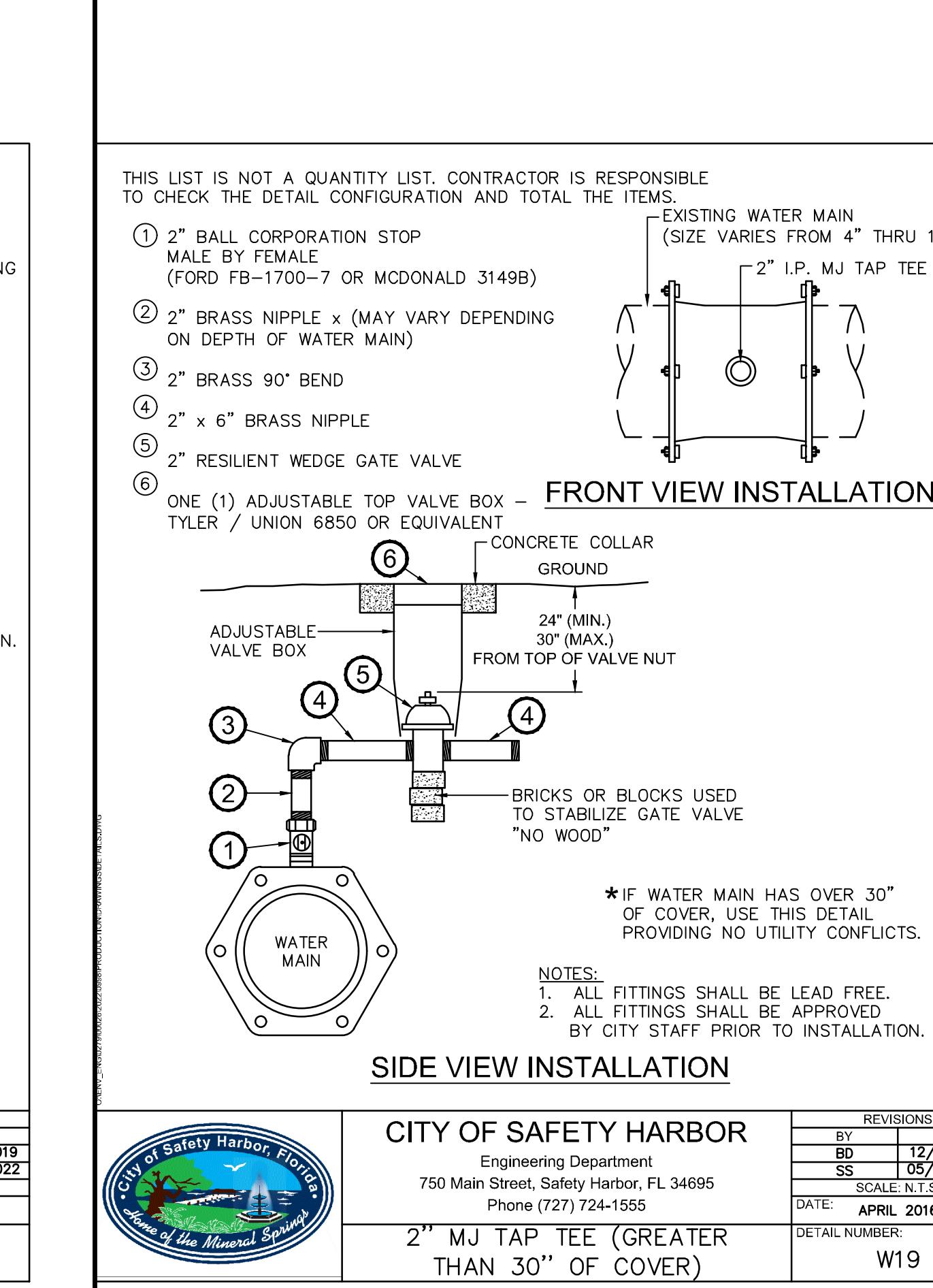
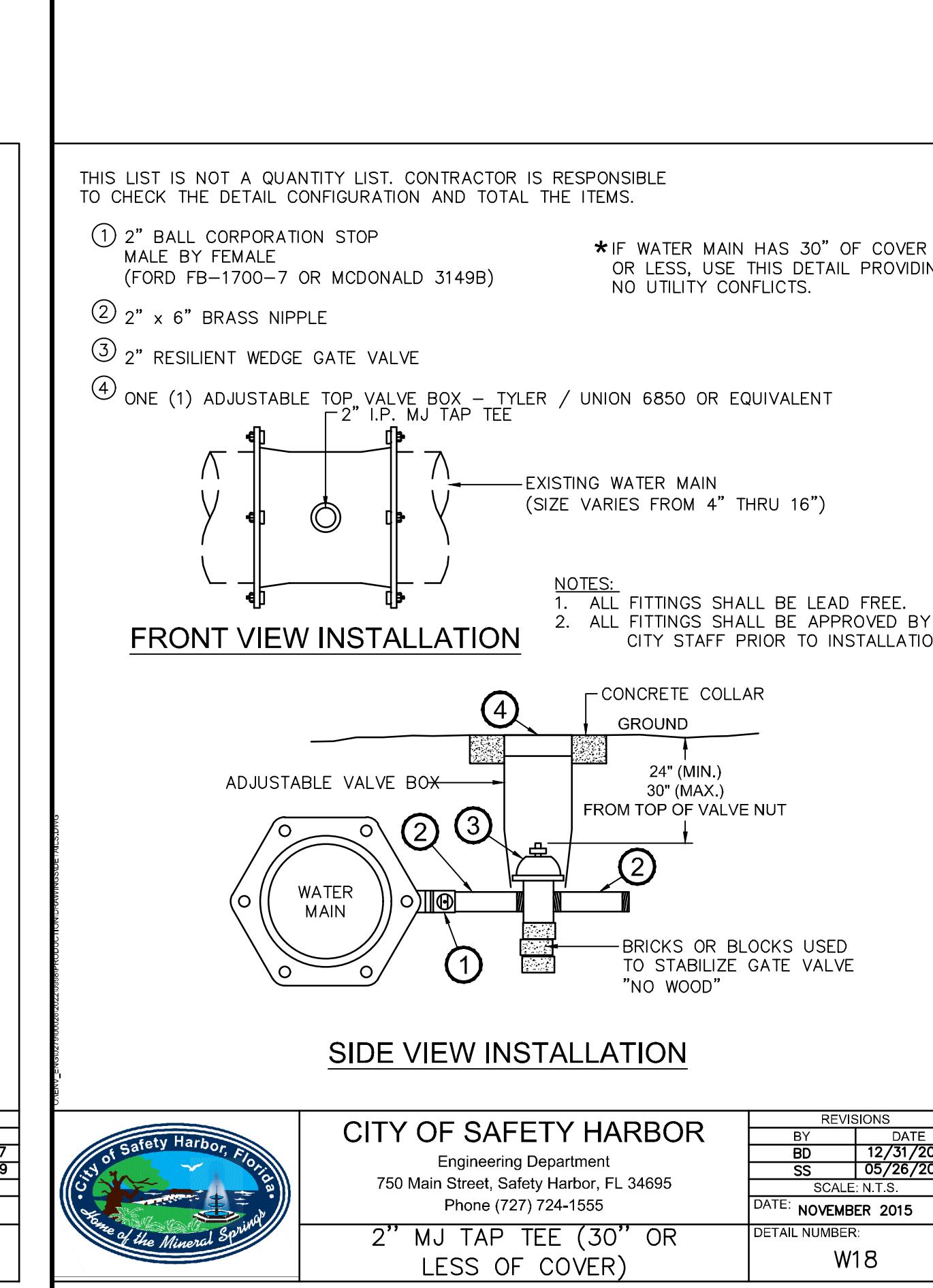
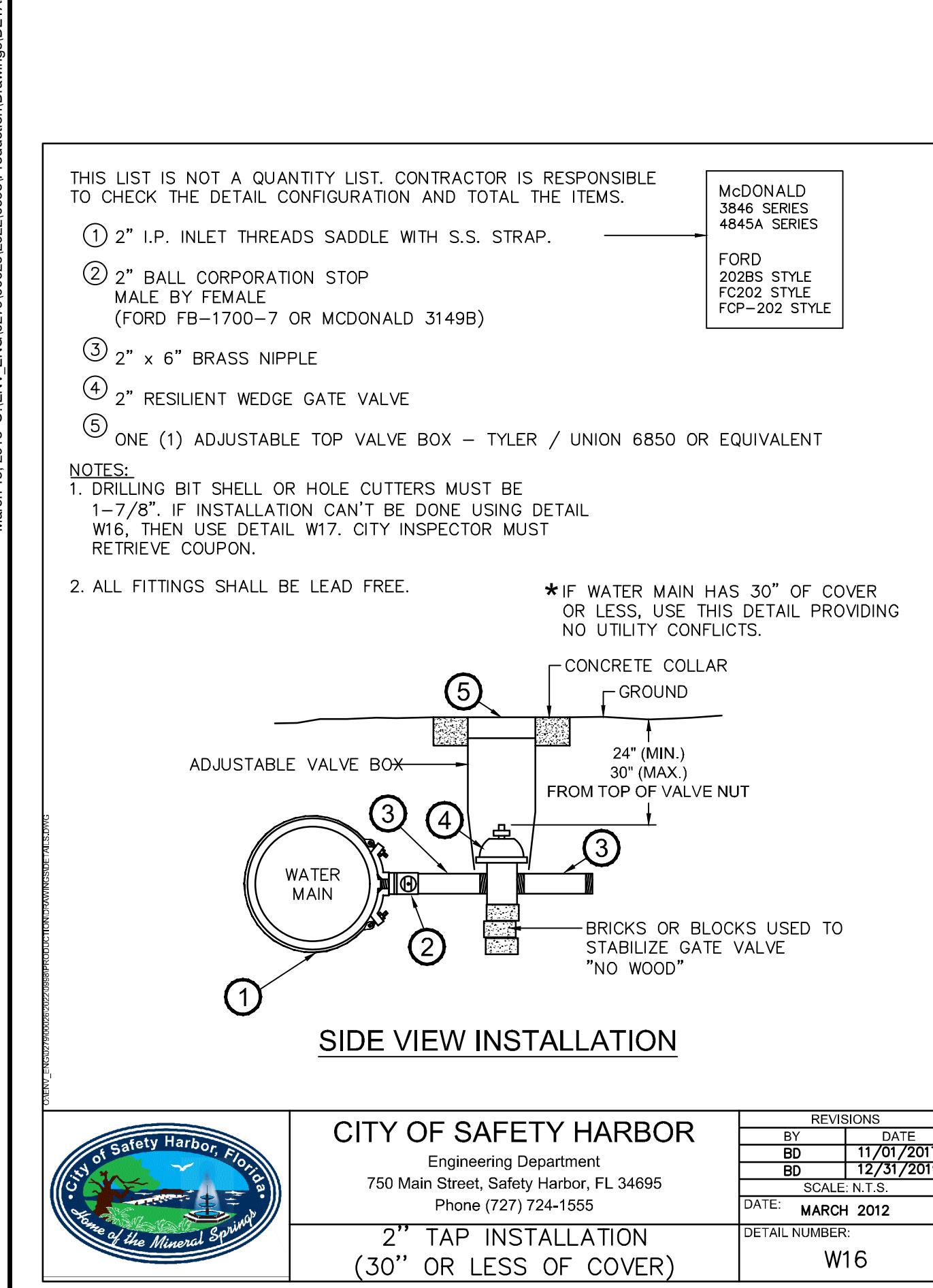
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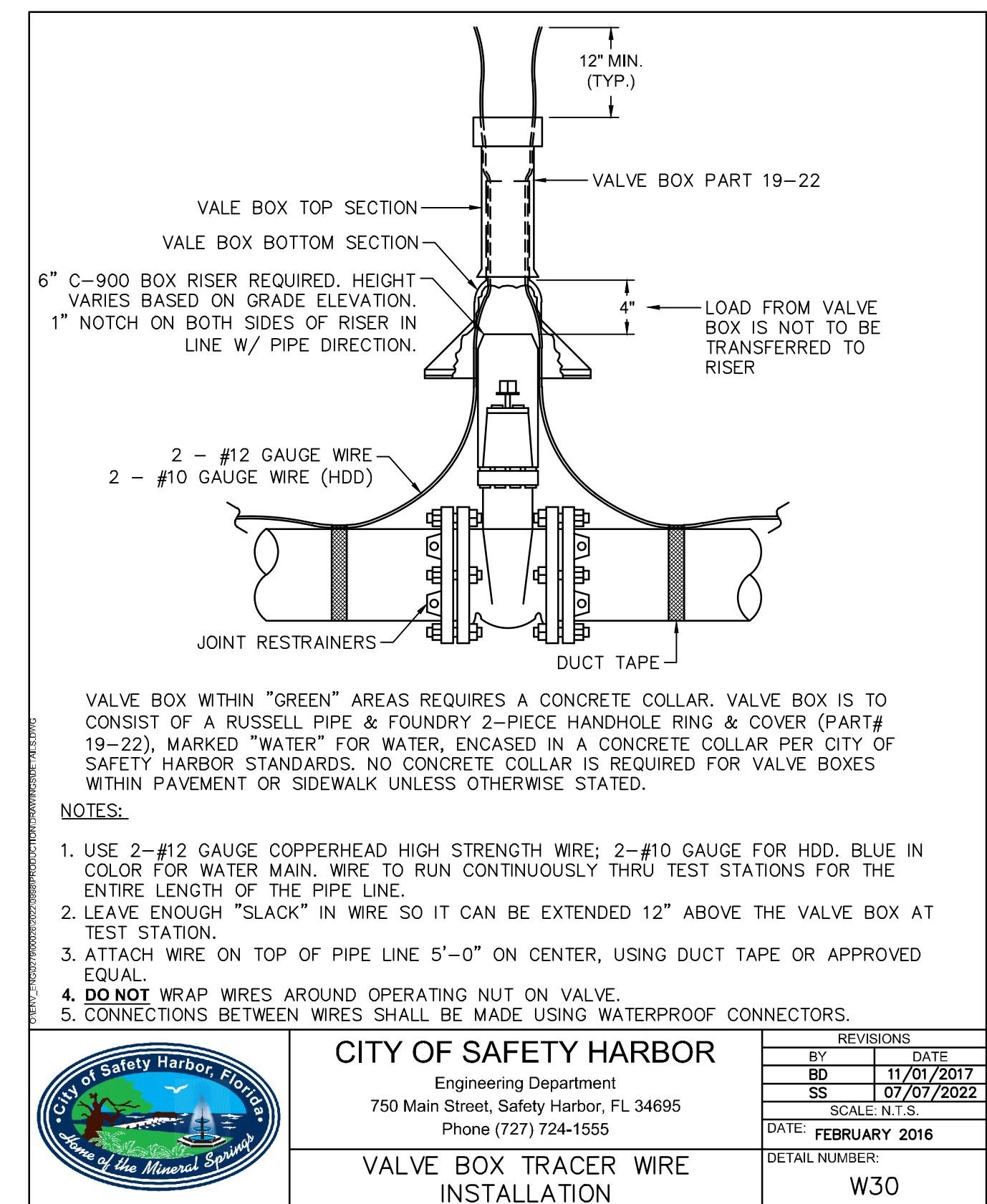
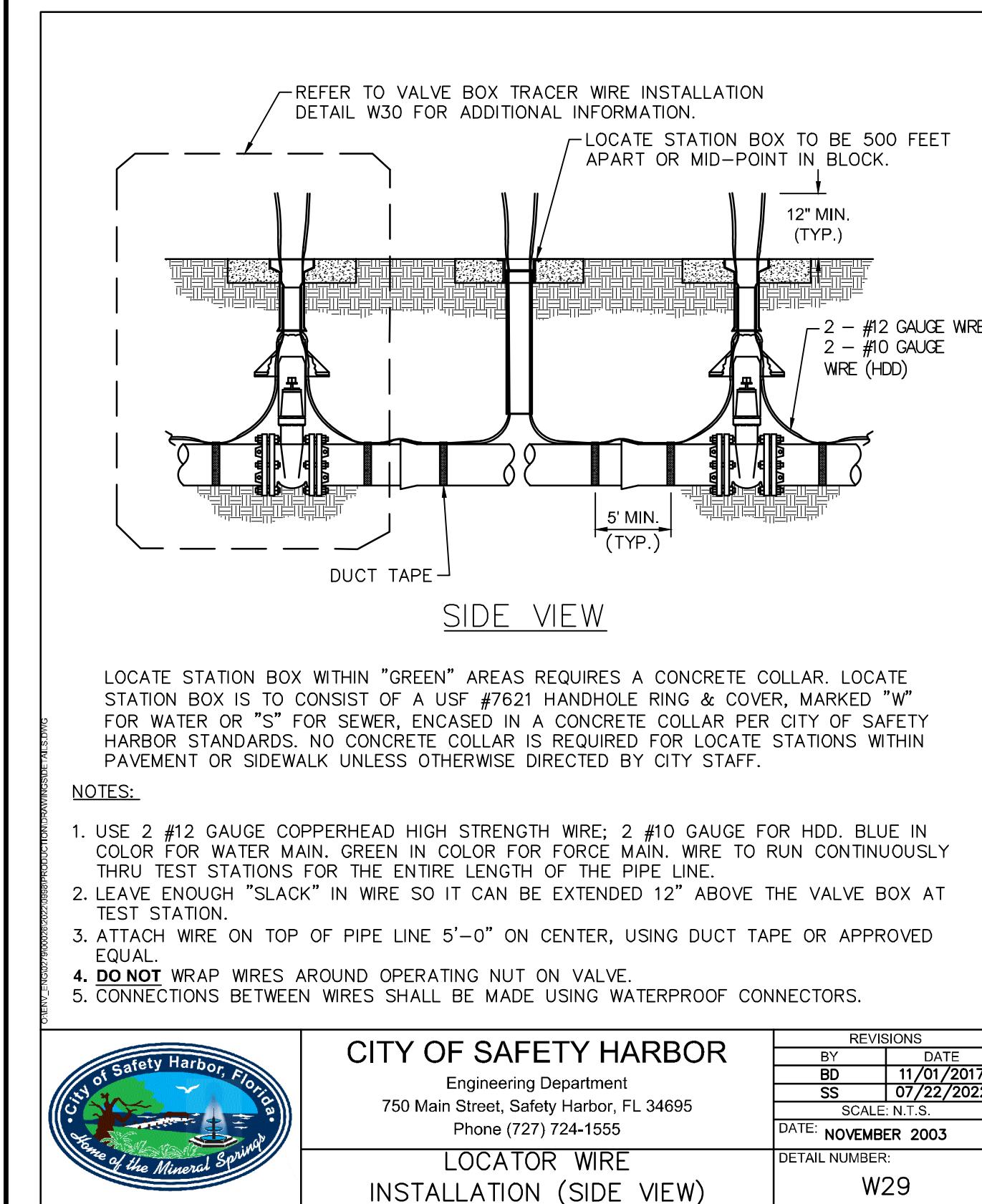
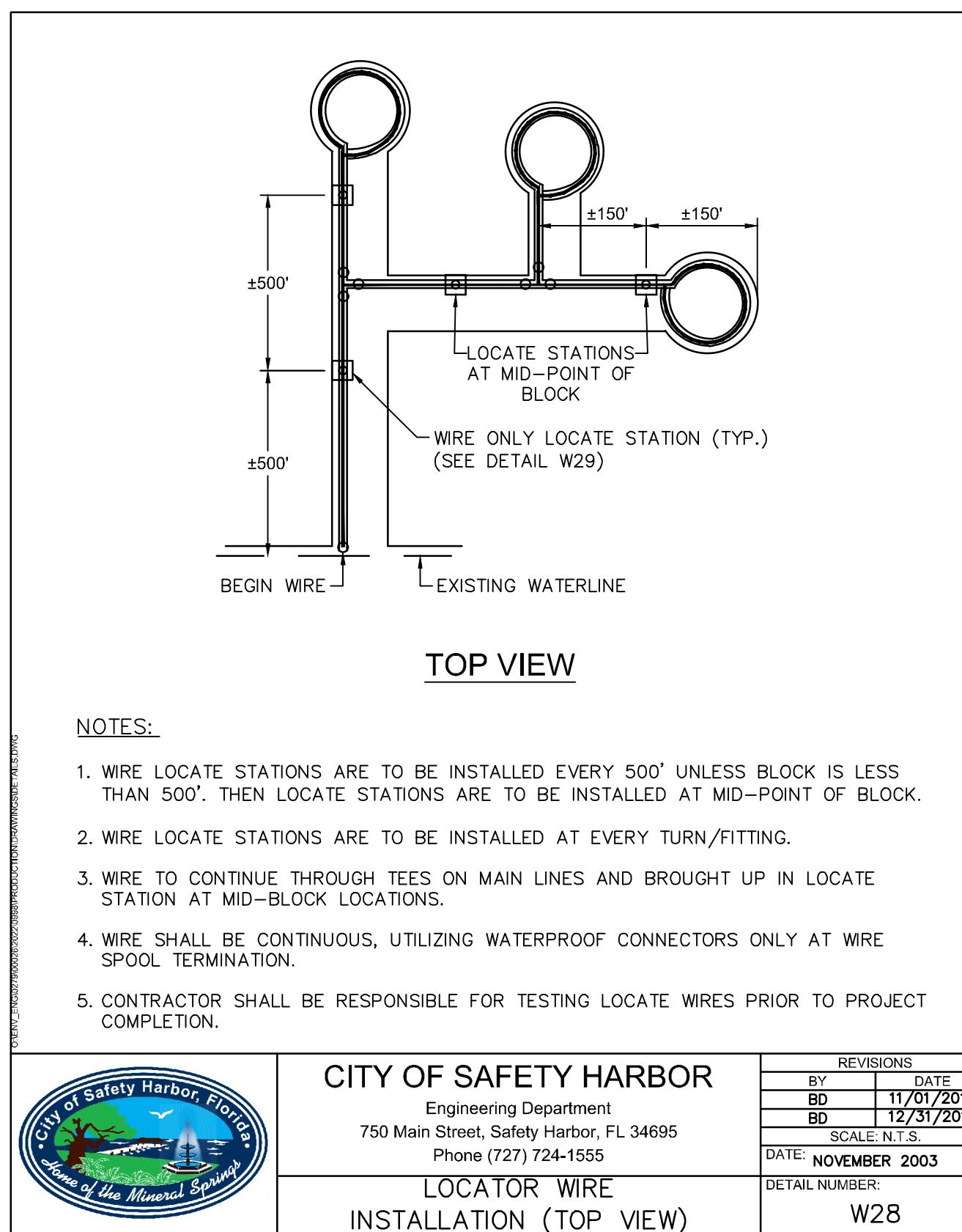
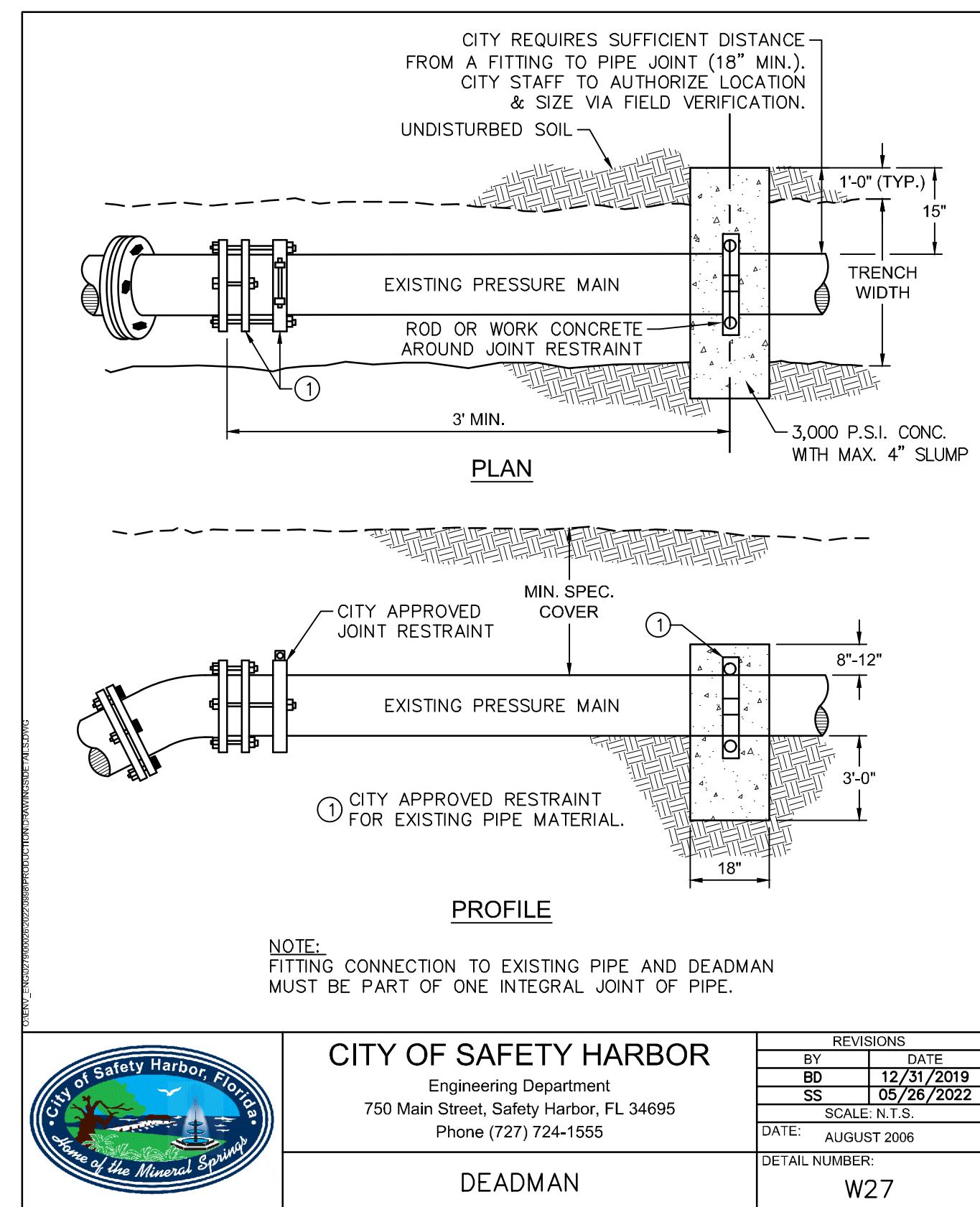
1. NO GLUED JOINTS WILL BE ALLOWED. RESTRAINERS ARE THE ONLY ACCEPTABLE METHOD OF RESTRAINT.
2. APPLIED TO WATER AND FORCE MAIN INSTALLATIONS.
3. EBAA IRON WORKS MEGALUG ONLY (HAND TORQUED TO MANUFACTURERS SPECIFICATIONS).
4. APPLY TO EXISTING PIPE IN GROUND. ALL NEW INSTALLS ARE REQUIRED TO BE RESTRAINED.



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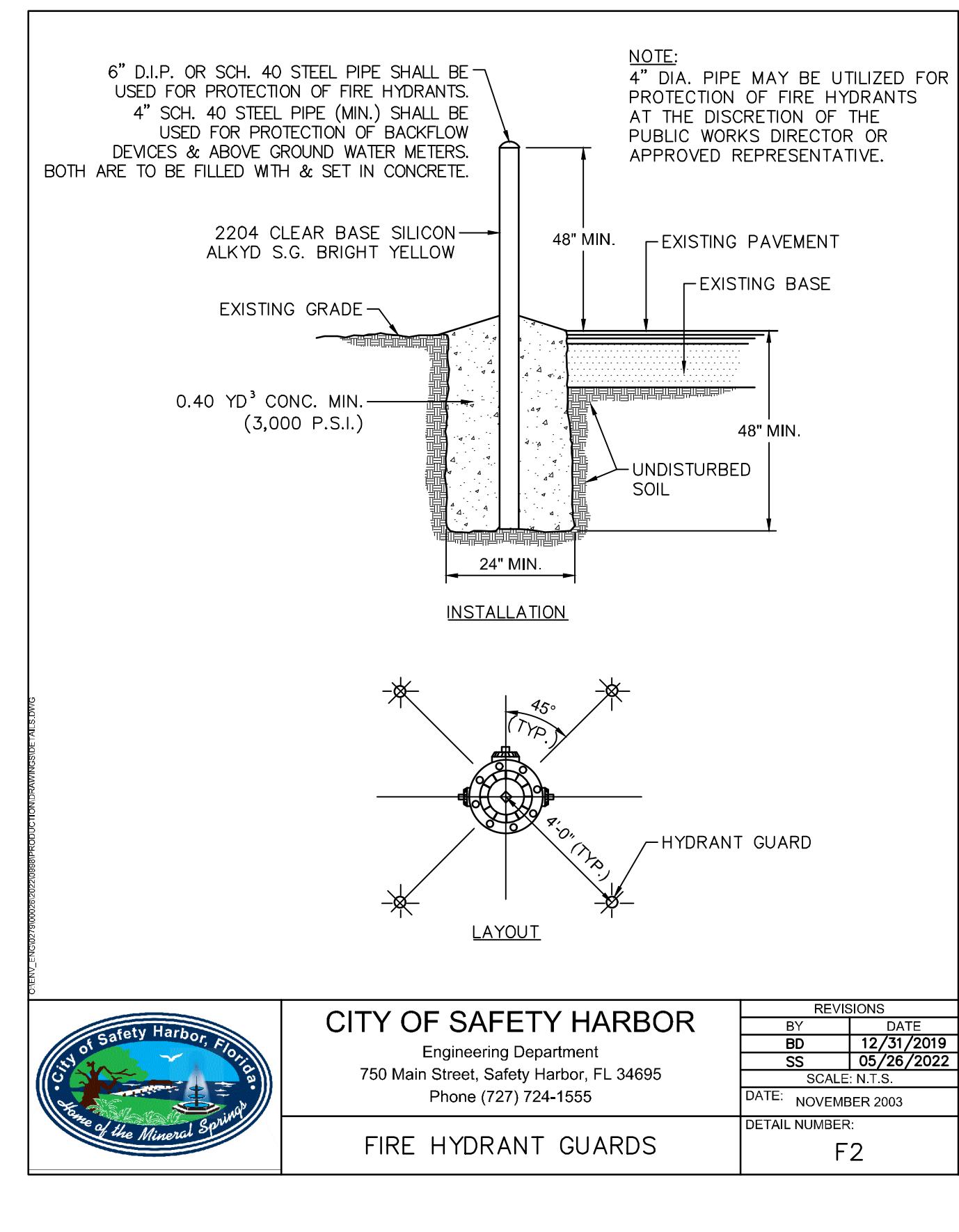
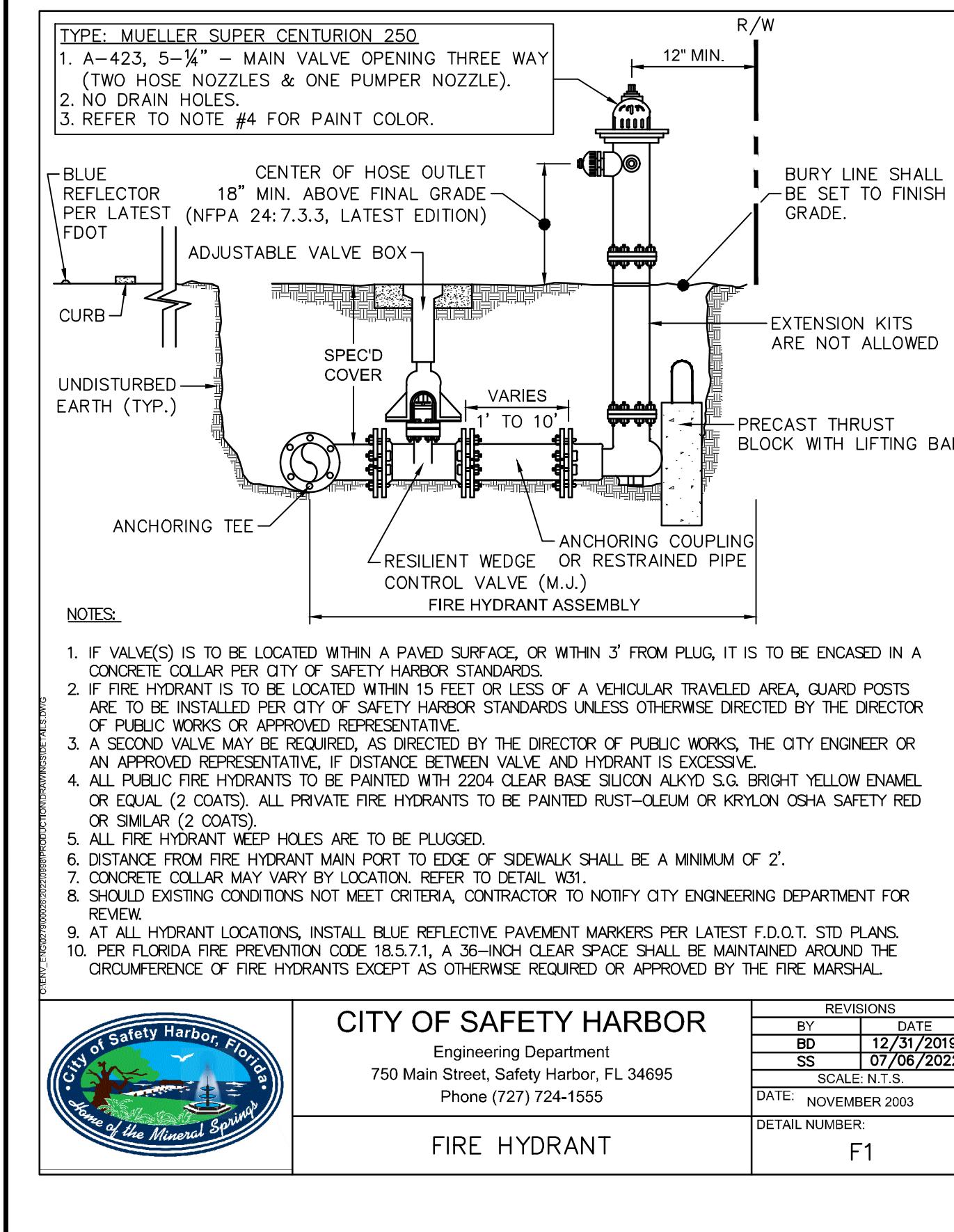
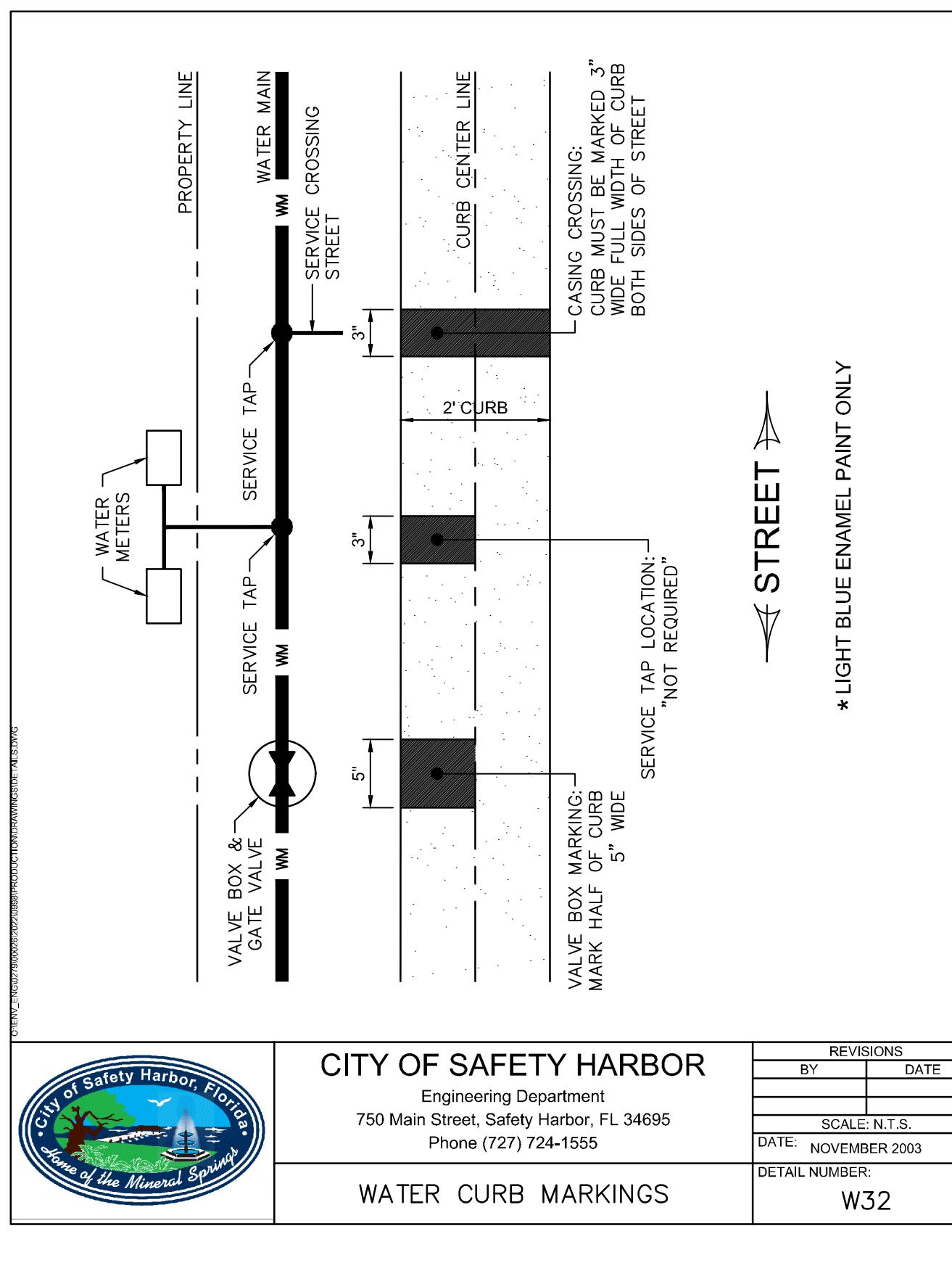
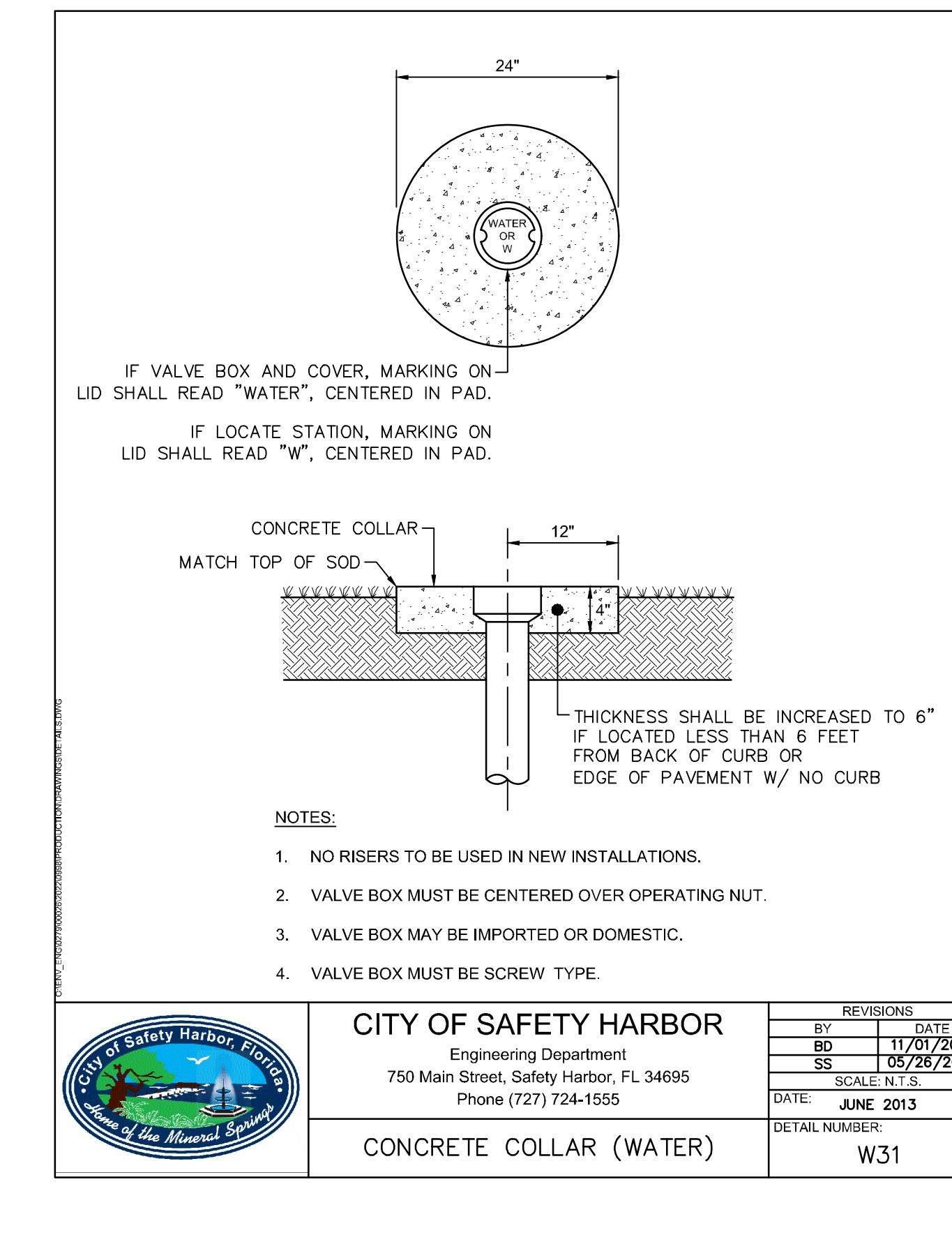
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REVISIONS	BY	DATE
BD 11/01/2017	SS 07/22/2022	SCALE: N.T.S.
DATE: NOVEMBER 2003		
LOCATOR WIRE	DEADMAN	W28
VALVE BOX TRACER WIRE	DEADMAN	W30

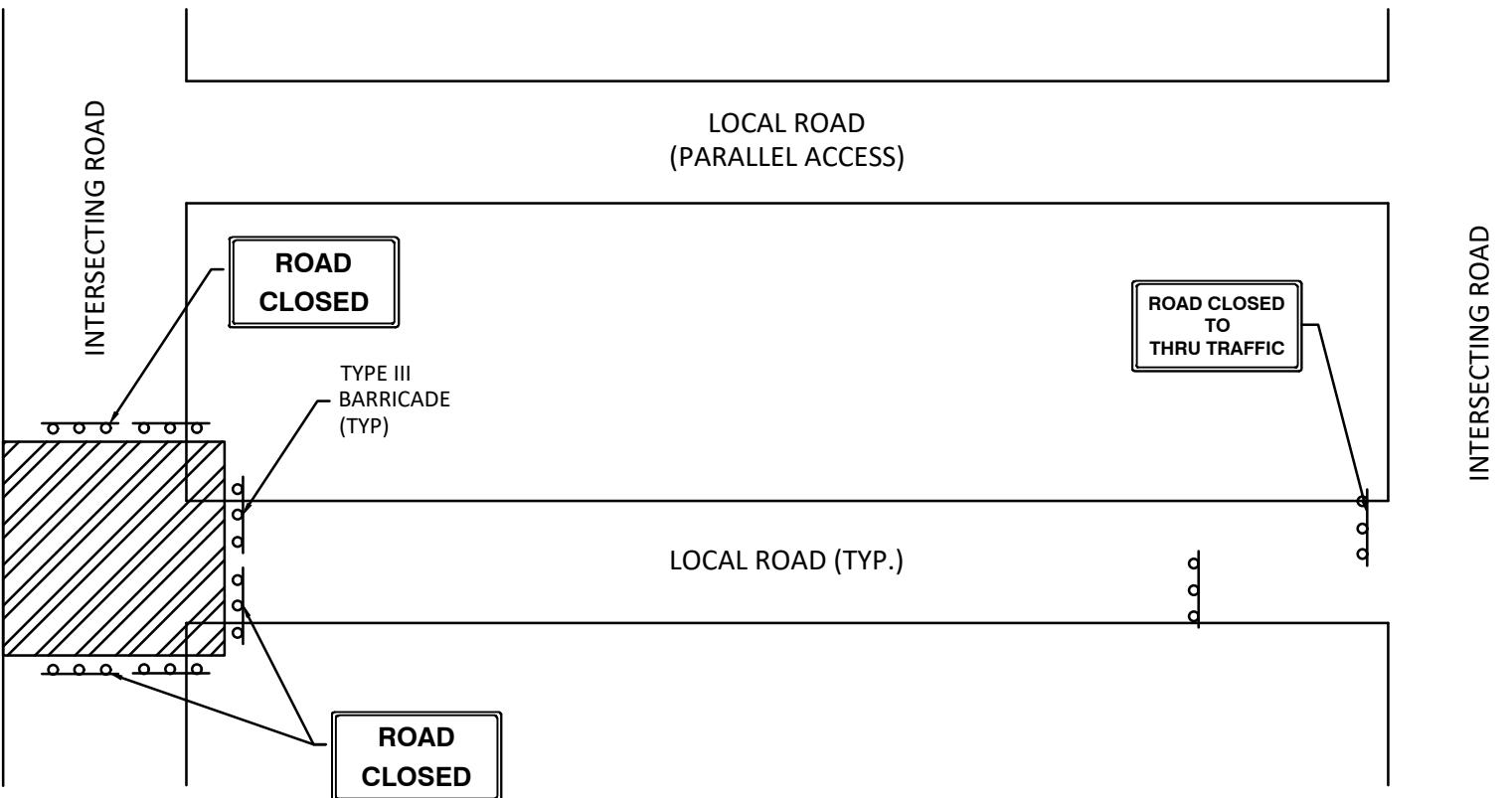
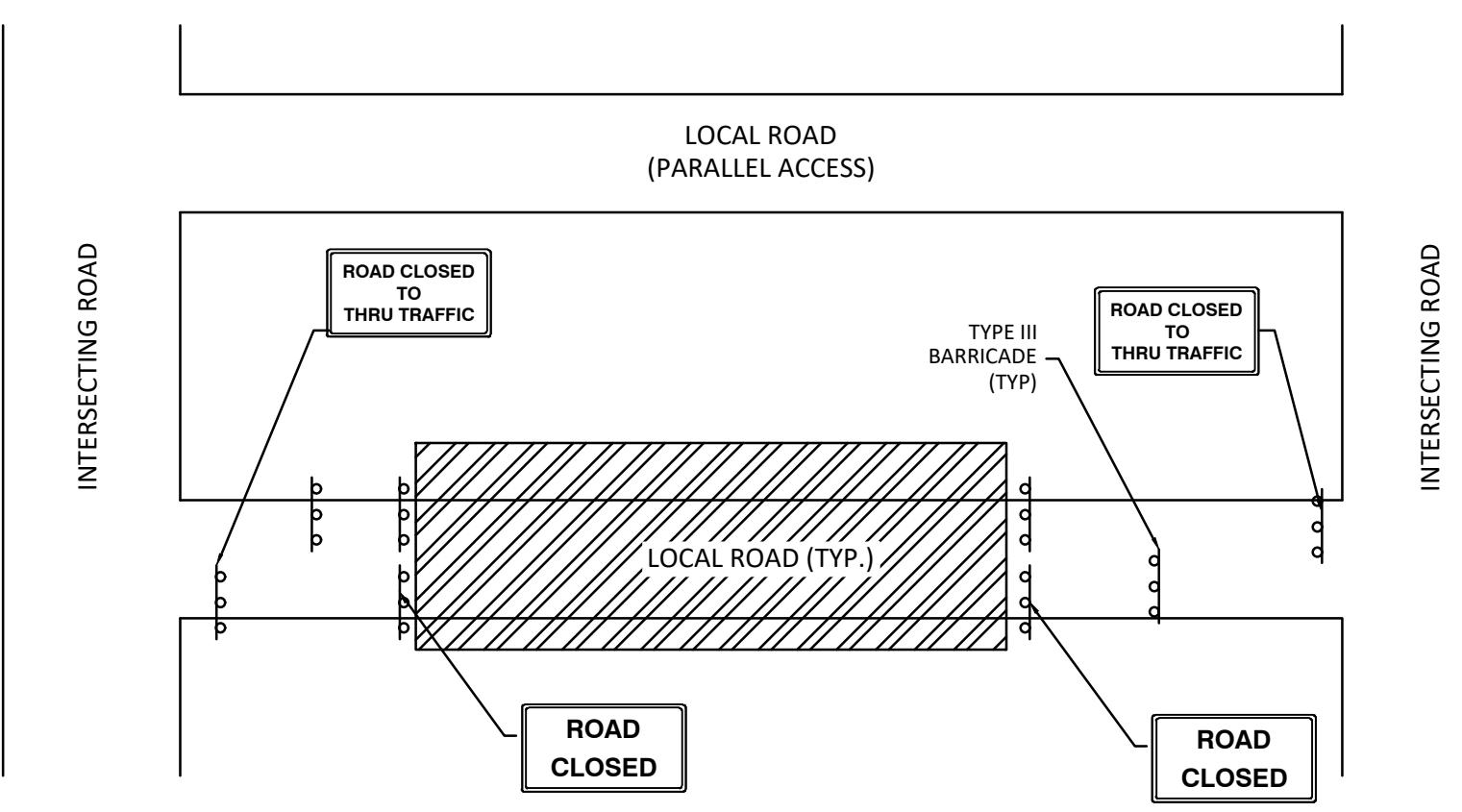
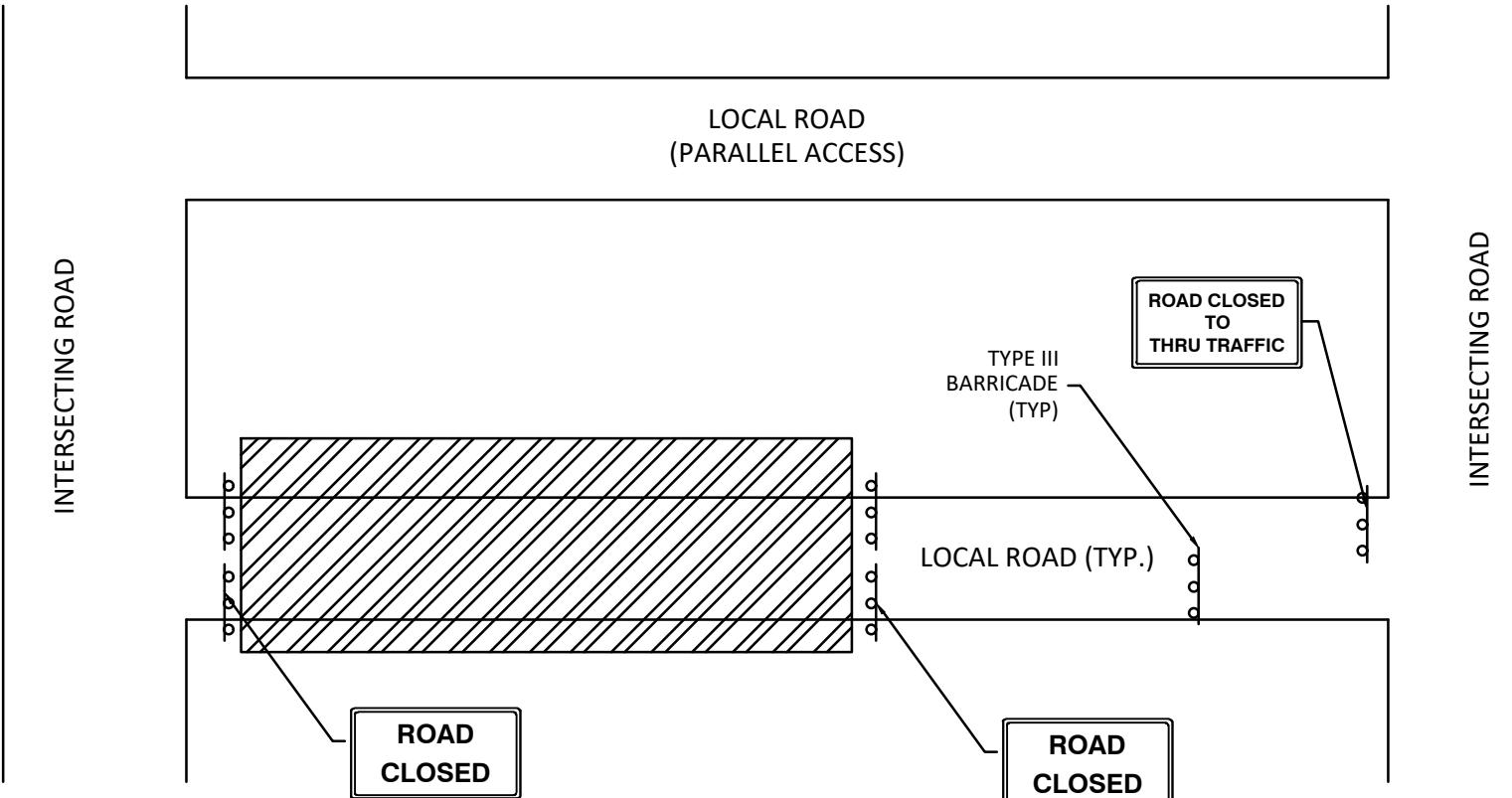
REVISIONS	BY	DATE
BD 11/01/2017	SS 07/07/2022	SCALE: N.T.S.
DATE: FEBRUARY 2016		
LOCATOR WIRE	DEADMAN	W29
VALVE BOX TRACER WIRE	DEADMAN	W30

REVISIONS	BY	DATE
BD 12/31/2019	SS 05/26/2022	SCALE: N.T.S.
DATE: JUNE 2022		
CONCRETE COLLAR (WATER)	DEADMAN	W31
WATER CURB MARKINGS	DEADMAN	W32
FIRE HYDRANT	DEADMAN	F1
FIRE HYDRANT GUARDS	DEADMAN	F2



WORK ZONE TRAFFIC CONTROL GENERAL NOTES:

- ALL WORK ZONE TRAFFIC CONTROL (WZTC) DEVICES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL BE PROPERLY MAINTAINED AND OPERATED THROUGHOUT THE PERIOD OF EACH PHASE / STAGE CONSTRUCTION. ALL TEMPORARY SIGNS, PAVEMENT MARKINGS, WARNING DEVICES, WARNING LIGHTS, ETC. NECESSARY FOR THE WZTC SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION) AND THE FDOT DESIGN STANDARDS (FY 2022-23).
- THE EXISTING POSTED SPEED LIMITS WILL BE MAINTAINED UNLESS OTHERWISE NOTED IN THE PLANS.
- THE CONTRACTOR SHALL MAINTAIN ALL EXISTING PEDESTRIAN OR BICYCLIST TRAFFIC, WHEN AN EXISTING PATH IS LOCATED WITHIN THE WZTC PROJECT LIMITS AT ALL TIMES DURING THE CONSTRUCTION PROCESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT A SAFE AND UNOBSTRUCTED ACCESSIBLE PATH EXISTS FOR PEDESTRIANS OR BICYCLISTS. REFER TO STANDARD INDEX 102-600, AND MUTCD LATEST EDITION. ALL TEMPORARY PEDESTRIAN WAYS OR CURB RAMPS TO BE AMERICAN WITH DISABILITIES (ADA) COMPLIANT.
- A DISCUSSION OF ANY PROPOSED LANE CLOSURE OPERATIONS WILL BE MADE PART OF ALL PRECONSTRUCTION CONFERENCES. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT A WRITTEN PLAN WHICH DETAILS EACH ACTIVITY INVOLVED IN THE LANE CLOSURE. THE PLAN SHALL INCLUDE BACK-UP PLANS FOR ACTIVITIES CRITICAL TO REOPENING LANES TO TRAFFIC. THE BACK-UP PLAN SHALL INCLUDE PROVISIONS FOR ALL SUBCONTRACTOR OPERATIONS AS WELL AS THE PRIME CONTRACTOR'S. NO LANE CLOSURE WILL BE ALLOWED WITHOUT A PLAN TO ACHIEVE REOPENING ACCORDING TO THE CONTRACT. AN EXAMPLE OF AN ACCEPTABLE BACK-UP PLAN WOULD INCLUDE THE CONTRACTOR CHOOSING TO HAVE TEMPORARY TAPE ON HAND, TIMELY REOPENING OF ANY CLOSED LANE(S) IS CRITICAL FOR THIS PROJECT AND THE CONTRACTOR SHALL TAKE ALL ACTIONS POSSIBLE TO ENSURE REOPENING TAKES PLACE AS STIPULATED.
- THE CONTRACTOR SHALL PLACE A PORTABLE CHANGEABLE MESSAGE SIGN FOR ALL LANE CLOSURES. REFER TO STANDARD INDEX 102-600.
- EXISTING SIGNS SHALL BE MAINTAINED AT ALL TIMES. DURABLE OPAQUE SHEET OVERLAY PANELS SHALL BE USED TO COVER INAPPROPRIATE INFORMATION ON NEW OR EXISTING SIGNS WHERE REQUIRED BY THE ENGINEER. THE PANEL SHALL BE PLACED IN A MANNER THAT DOES NOT DAMAGE THE EXISTING SIGN. NO FABRIC OR PLASTIC FILM WILL BE ALLOWED.
- ALL REFLECTIVE PAVEMENT MARKINGS, EXISTING AND TEMPORARY, SHALL BE MAINTAINED DURING CONSTRUCTION UNLESS NOTED OTHERWISE.
- FOR DROP-OFFS IN WORK ZONES THE CONTRACTOR IS DIRECTED TO THE REQUIREMENTS OF STANDARD INDEX NO. 102-600. THE CONTRACTOR SHALL ONLY EXCAVATE OR MILL AN AREA THAT CAN BE BROUGHT BACK WITHIN THE DROP-OFF CRITERIA OF INDEX NO. 102-600 WITHIN THE SAME DAY / NIGHT OPERATION. FOR CLEAR ZONE WIDTHS FOR WORK ZONES, SEE FDOT INDEX NO. 102-600. ALL TRENCHES SHALL BE BACKFILLED COMPLETELY TO PROVIDE SAFE CROSSING BY THE END OF EACH WORK DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE.
- WHENEVER CONSTRUCTION EQUIPMENT IS BEING DRIVEN OR TRANSPORTED ON THE OPEN TRAVEL LANES, THE CONTRACTOR SHALL UTILIZE INDEX NO. 102-607.
- THE CONTRACTOR SHALL MAINTAIN PROPER DRAINAGE FOR ALL PHASES OF CONSTRUCTION. ADDITIONAL DETAILS AND STRUCTURES NOT SHOWN IN THE WZTC PLANS MAY BE NECESSARY DEPENDING UPON CONTRACTOR METHODS OF CONSTRUCTION.
- ALL SIGNS, WITH THE EXCEPTION OF FLAGGING, SHALL BE POST MOUNTED.
- CONTRACTOR SHALL PROVIDE AT LEAST ONE WEEK OF NOTICE THROUGH THE USE OF MESSAGE BOARDS FOR THE WORK SCHEDULED.
- FOR ALL STREETS WITH POSTED SPEED LIMITS OF 45 MPH OR LESS, CONTRACTOR SHALL UTILIZE ONLY LOW PROFILE BARRIER WHEN USE OF BARRIER IS REQUIRED FOR DROP-OFFS.
- MAINTAIN/REROUTE PEDESTRIAN TRAFFIC PER FDOT INDEX 102-600 AND MUTCD, LATEST EDITION. ALL TEMPORARY PEDESTRIAN WAYS OR CURB RAMPS SHOULD BE AMERICANS WITH DISABILITIES (ADA) COMPLIANT.
- ALL CONSTRUCTION ACTIVITIES, INCLUDING EQUIPMENT AND/OR MATERIAL STAGING MUST BE DONE IN THE WORK ZONE. PROTECT WORK ZONE FROM VEHICULAR AND PEDESTRIAN INTRUSION. UTILIZE TYPE III BARRICADES AND TEMPORARY BARRIER TO PREVENT VEHICULAR INTRUSION AND LONGITUDINAL CHANNELIZATION DEVICES TO PREVENT PEDESTRIAN INTRUSION. ALL APPLICABLE DEVICES SHOULD BE LISTED ON THE FDOT APL.
- FOR ANY WORK ACTIVITIES WITHIN THE EXISTING ROADWAY RIGHT-OF-WAY BUT NO CLOSER THAN 2' TO THE EDGE OF TRAVEL, FDOT INDICES 102-601 AND 102-602 SHALL APPLY.
- ROAD CLOSURES SHALL NOT OCCUR OVER CONSECUTIVE INTERSECTIONS.
- PERMITTED WORK SCHEDULE SHALL BE LIMITED TO OCCUR BETWEEN MONDAY TO FRIDAY AND FROM 8:00 AM TO 5:00 PM
- LANE CLOSURES ALONG MAIN ST ARE NOT PERMITTED BETWEEN THE HOURS OF 7:00 AM TO 9:00 AM AND 4:00 PM TO 6:00 PM.
- PLACE AN ADVANCE WARNING, INCLUDING AT LEAST ONE CHANGEABLE MESSAGE SIGN (CMS), A MINIMUM OF TWO WEEKS BEFORE THE ROAD CLOSURE. THE CMS MUST DISPLAY THE CLOSURE TIMEFRAME. COORDINATE WITH THE CONSTRUCTION MANAGER TO FINALIZE THE MESSAGE CONTENT.



LEGEND

WORK ZONE TYPE III BARRICADE

LOCAL ROAD CLOSURE DETAIL
(N.T.S.)

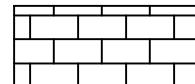
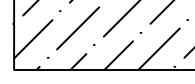
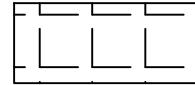
SEMINOLE PARK AND MAPLEWAY
WATER MAIN REPLACEMENT (UT0096)

TRAFFIC CONTROL PLAN 1

JOB NO: 0279-00026-2022-0998

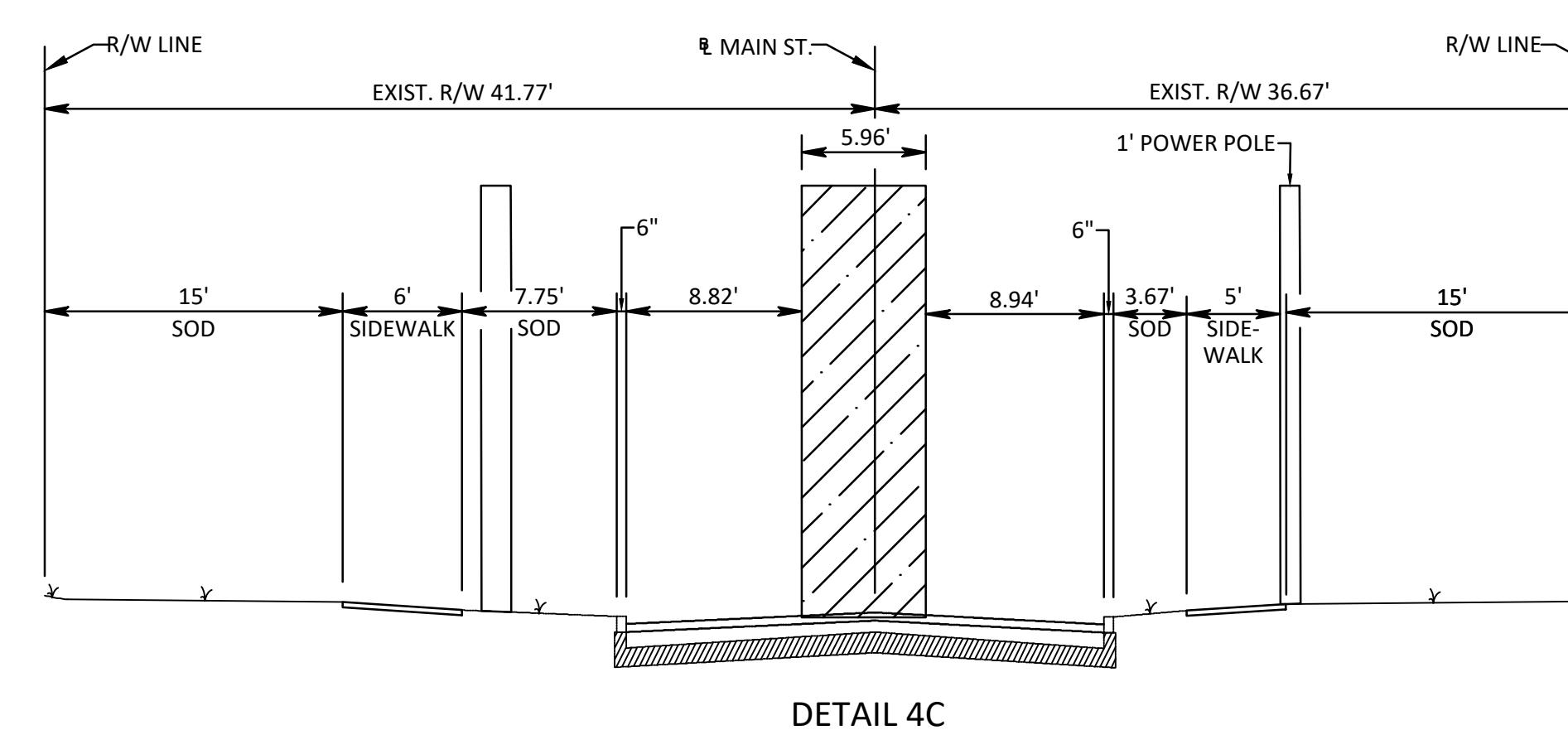
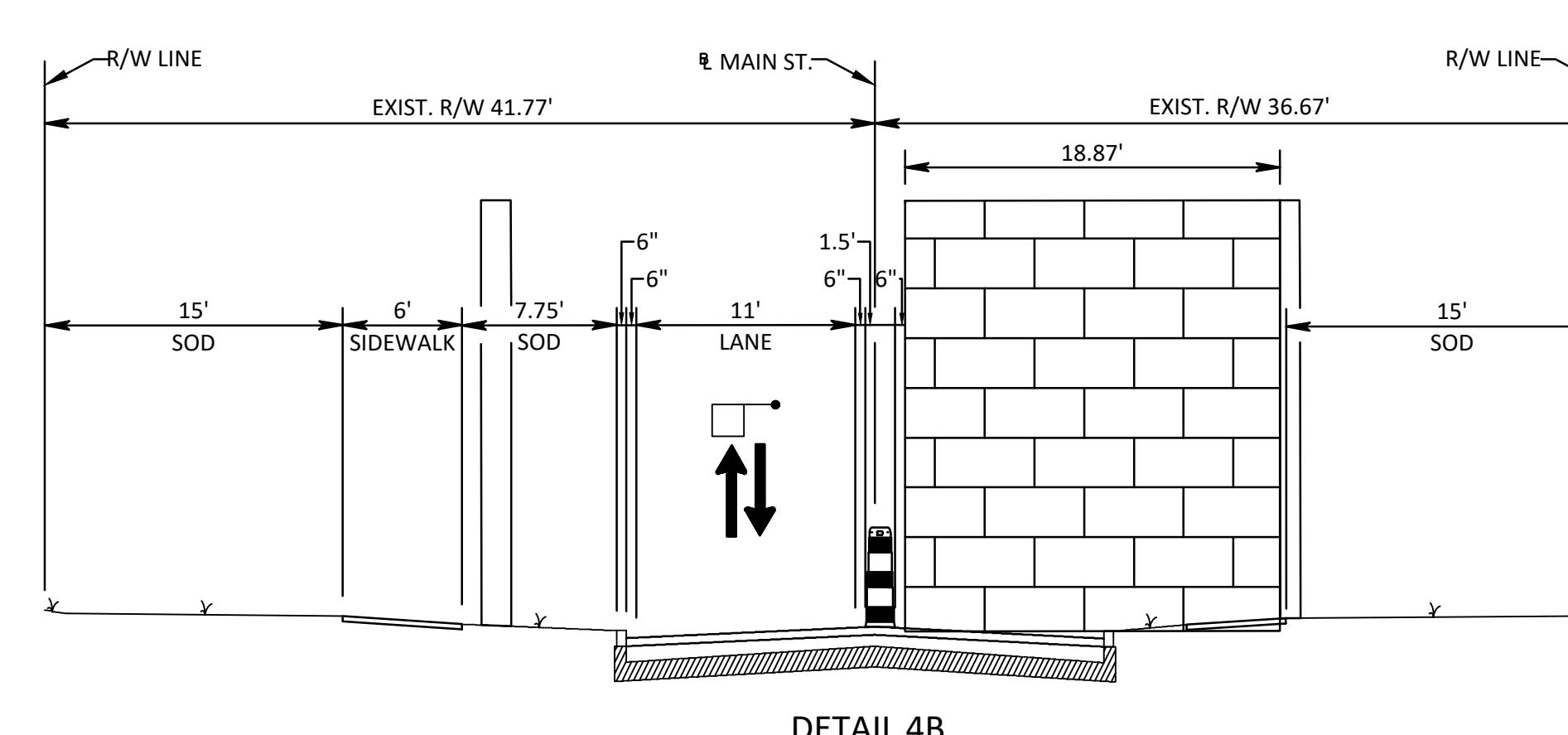
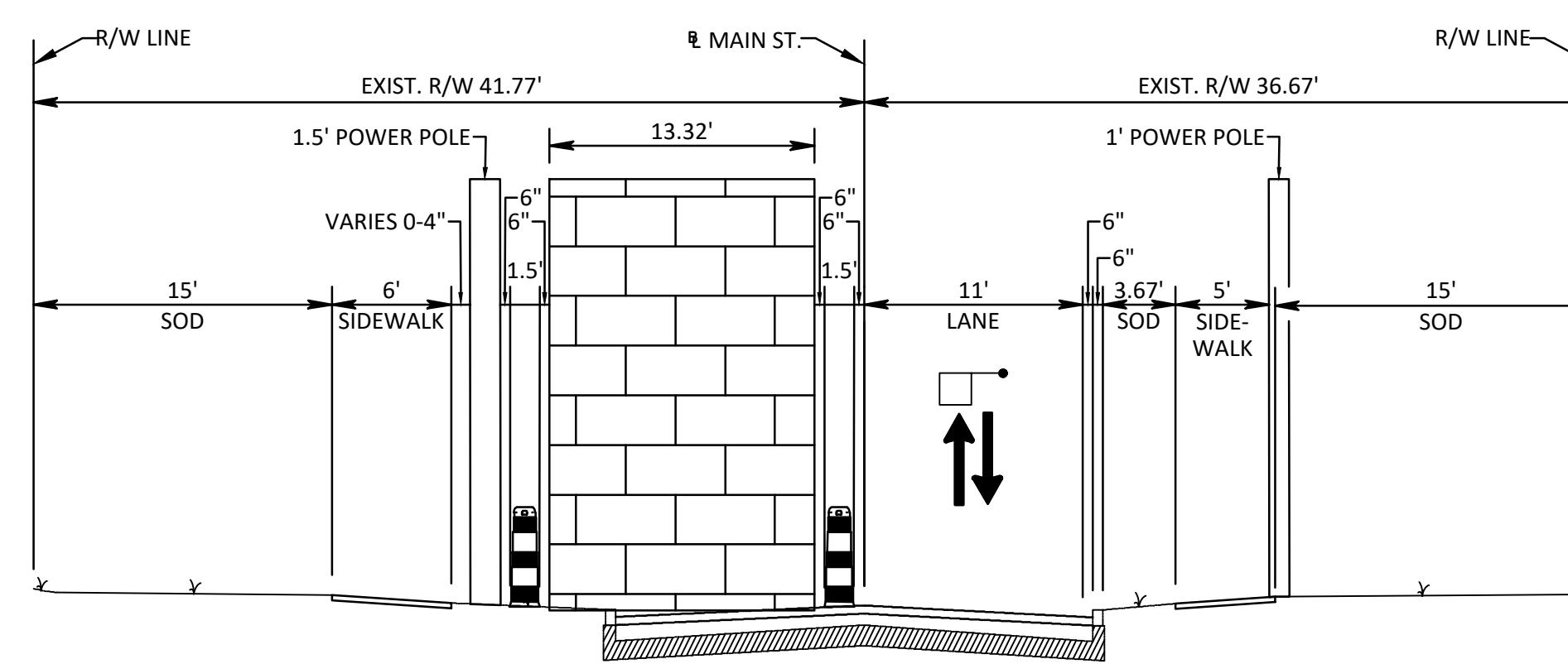
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BID DOCUMENTS
06/25/2025

	1	2	3	4	5	6	7	8	9	10	11	12
A												
		WORK ZONE A - LONG-TERM SHOULDER CLOSURE										
		1. MAINTAIN EXISTING TRAVEL LANES UNLESS OTHERWISE SHOWN. MAINTAIN POSTED SPEED LIMITS FOR TRAVEL LANES.										
		2. INSTALL SHOULDER CLOSURE PER FDOT STANDARD PLANS INDEX 102-602.										
		3. DIRECTLY ADJACENT TEMPORARY WORK ZONES MAY BE UTILIZED DURING ACTIVE WORK TIMES.										
		4. CONSTRUCT UTILITY IMPROVEMENTS.										
		5. RESTORE DISTURBED AREA.										
		6. REMOVE TRAFFIC CONTROL DEVICES.										
		7. UTILIZE FDOT STANDARD PLANS INDEX 102-607 DURING PAVEMENT MILLING AND RESURFACING OPERATIONS.										
B												
		WORK ZONE B - LONG-TERM ROAD CLOSURE										
		1. REFER TO PLAN WORKZONE CALLOUT FOR APPLICABLE CONDITION (A OR B) OR DETOUR. CONDITIONS ARE ONLY APPLICABLE FOR LOCAL ROADS AND DO NOT REQUIRE DETOURS. DETOURS ARE ONLY APPLICABLE FOR NON-LOCAL ROADS (MAIN ST.). ROAD CLOSURE SHALL BE PER MUTCD PART 6 FIGURE 6H-20, DETOUR FOR A CLOSED STREET.										
		2. INSTALL ROAD CLOSURE.										
		3. DIRECTLY ADJACENT TEMPORARY WORK ZONES MAY BE UTILIZED DURING ACTIVE WORK TIMES.										
		4. CONSTRUCT UTILITY IMPROVEMENTS.										
		5. RESTORE DISTURBED TRAVEL LANES.										
		6. REMOVE TRAFFIC CONTROL DEVICES TO ALLOW TRAFFIC TO UTILIZE RESTORED TRAVEL LANES.										
		7. UTILIZE FDOT STANDARD PLANS INDEX 102-607 DURING PAVEMENT MILLING AND RESURFACING OPERATIONS.										
C												
		WORK ZONE C - LONG-TERM INTERSECTION CLOSURE										
		1. REFER TO PLAN WORKZONE CALLOUT FOR APPLICABLE CONDITION (C) OR DETOUR. CONDITIONS ARE ONLY APPLICABLE FOR LOCAL ROADS AND DO NOT REQUIRE DETOURS. DETOURS ARE ONLY APPLICABLE FOR NON-LOCAL ROADS (MAIN ST.). ROAD CLOSURE SHALL BE PER MUTCD PART 6 FIGURE 6H-20, DETOUR FOR A CLOSED STREET.										
		2. INSTALL ROAD CLOSURE.										
		3. DIRECTLY ADJACENT TEMPORARY WORK ZONES MAY BE UTILIZED DURING ACTIVE WORK TIMES.										
		4. CONSTRUCT UTILITY IMPROVEMENTS.										
		5. RESTORE DISTURBED TRAVEL LANES.										
		6. REMOVE TRAFFIC CONTROL DEVICES TO ALLOW TRAFFIC TO UTILIZE RESTORED TRAVEL LANES.										
		7. UTILIZE FDOT STANDARD PLANS INDEX 102-607 DURING PAVEMENT MILLING AND RESURFACING OPERATIONS.										
D												
		WORK ZONE D - TEMPORARY SINGLE LANE CLOSURE										
		1. CLOSE SINGLE LANE WITH FLAGGER OPERATION AS PER FDOT STANDARD PLANS INDEX 102-603.										
		2. DIRECTLY ADJACENT TEMPORARY WORK ZONES MAY BE UTILIZED DURING ACTIVE WORK TIMES.										
		3. CONSTRUCT UTILITY IMPROVEMENTS.										
		4. RESTORE DISTURBED TRAVEL LANES. IF NOT SUFFICIENT TO ALLOW TRAFFIC TO UTILIZE THE LANES AT THE END OF THE WORK PERIOD, STEEL PLATES MAY BE UTILIZED TO REOPEN TRAVEL LANES. COMPLETE RESTORATION.										
		5. REMOVE TRAFFIC CONTROL DEVICES TO ALLOW TRAFFIC TO UTILIZE RESTORED TRAVEL LANES.										
		6. UTILIZE FDOT STANDARD PLANS INDEX 102-607 DURING PAVEMENT MILLING AND RESURFACING OPERATIONS.										
E												
		WORK ZONE E - TEMPORARY ROAD CLOSURE										
		1. REFER TO PLAN WORKZONE CALLOUT FOR APPLICABLE CONDITION (A OR B), DETOUR OR DETAIL. CONDITIONS ARE ONLY APPLICABLE FOR LOCAL ROADS AND DO NOT REQUIRE DETOURS. DETOURS ARE ONLY APPLICABLE FOR NON-LOCAL ROADS (MAIN ST.). ROAD CLOSURE SHALL BE PER MUTCD PART 6 FIGURE 6H-20, DETOUR FOR A CLOSED STREET.										
		2. INSTALL ROAD CLOSURE.										
		3. CONSTRUCT UTILITY IMPROVEMENTS.										
		4. RESTORE DISTURBED TRAVEL LANES. IF NOT SUFFICIENT TO ALLOW TRAFFIC TO UTILIZE THE LANES AT THE END OF THE WORK PERIOD, STEEL PLATES MAY BE UTILIZED TO REOPEN TRAVEL LANES. COMPLETE RESTORATION.										
		5. REMOVE TRAFFIC CONTROL DEVICES TO ALLOW TRAFFIC TO UTILIZE RESTORED TRAVEL LANES.										
		6. UTILIZE FDOT STANDARD PLANS INDEX 102-607 DURING PAVEMENT MILLING AND RESURFACING OPERATIONS.										
F												
		WORK ZONE F - TEMPORARY INTERSECTION CLOSURE										
		1. REFER TO PLAN WORKZONE CALLOUT FOR APPLICABLE CONDITION (C) OR DETOUR. CONDITIONS ARE ONLY APPLICABLE FOR LOCAL ROADS AND DO NOT REQUIRE DETOURS. DETOURS ARE ONLY APPLICABLE FOR NON-LOCAL ROADS (MAIN ST.). ROAD CLOSURE SHALL BE PER MUTCD PART 6 FIGURE 6H-20, DETOUR FOR A CLOSED STREET.										
		2. INSTALL ROAD CLOSURE.										
		3. DIRECTLY ADJACENT TEMPORARY WORK ZONES MAY BE UTILIZED.										
		4. CONSTRUCT UTILITY IMPROVEMENTS.										
		5. RESTORE DISTURBED TRAVEL LANES. IF NOT SUFFICIENT TO ALLOW TRAFFIC TO UTILIZE THE LANES AT THE END OF THE WORK PERIOD, STEEL PLATES MAY BE UTILIZED TO REOPEN TRAVEL LANES. COMPLETE RESTORATION.										
		6. REMOVE TRAFFIC CONTROL DEVICES TO ALLOW TRAFFIC TO UTILIZE RESTORED TRAVEL LANES.										
		7. UTILIZE FDOT STANDARD PLANS INDEX 102-607 DURING PAVEMENT MILLING AND RESURFACING OPERATIONS.										
G												
		WORK ZONE G - TEMPORARY SHOULDER CLOSURE										
		1. MAINTAIN EXISTING TRAVEL LANES UNLESS OTHERWISE SHOWN. MAINTAIN POSTED SPEED LIMITS FOR TRAVEL LANES.										
		2. INSTALL SHOULDER CLOSURE PER FDOT STANDARD PLANS INDEX 102-602.										
		3. DIRECTLY ADJACENT TEMPORARY WORK ZONES MAY BE UTILIZED DURING ACTIVE WORK TIMES.										
		4. CONSTRUCT UTILITY IMPROVEMENTS.										
		5. RESTORE DISTURBED AREA.										
		6. REMOVE TRAFFIC CONTROL DEVICES.										
		7. UTILIZE FDOT STANDARD PLANS INDEX 102-607 DURING PAVEMENT MILLING AND RESURFACING OPERATIONS.										
H												

 WORK ZONE G - TEMPORARY SHOULDER CLOSURE

1. MAINTAIN EXISTING TRAVEL LANES UNLESS OTHERWISE SHOWN. MAINTAIN POSTED SPEED LIMITS FOR TRAVEL LANES.
2. INSTALL SHOULDER CLOSURE PER FDOT STANDARD PLANS INDEX 102-602.
3. DIRECTLY ADJACENT TEMPORARY WORK ZONES MAY BE UTILIZED DURING ACTIVE WORK TIMES.
4. CONSTRUCT UTILITY IMPROVEMENTS.
5. RESTORE DISTURBED AREA.
6. REMOVE TRAFFIC CONTROL DEVICES.
7. UTILIZE FDOT STANDARD PLANS INDEX 102-607 DURING PAVEMENT MILLING AND RESURFACING OPERATIONS.



NOTE:

1. DETAILS 1A, 1B, AND 1C REPRESENT SUGGESTED INSTALLATION PHASES. THE SEQUENCE MAY BE MODIFIED AT THE CONTRACTOR'S DISCRETION TO ACCOMMODATE CONSTRUCTION PHASING, PROVIDED ALL COMPONENTS ARE INSTALLED AS SHOWN.
2. WORK ZONE IN DETAIL 1C APPLIES TO REMAINING PIPE SECTION NOT INSTALLED BY PRIOR PHASES.



Engineering Dept.
750 Main Street
Safety Harbor, Florida 34695
Phone: (727) 724-1555

REVISION	DATE

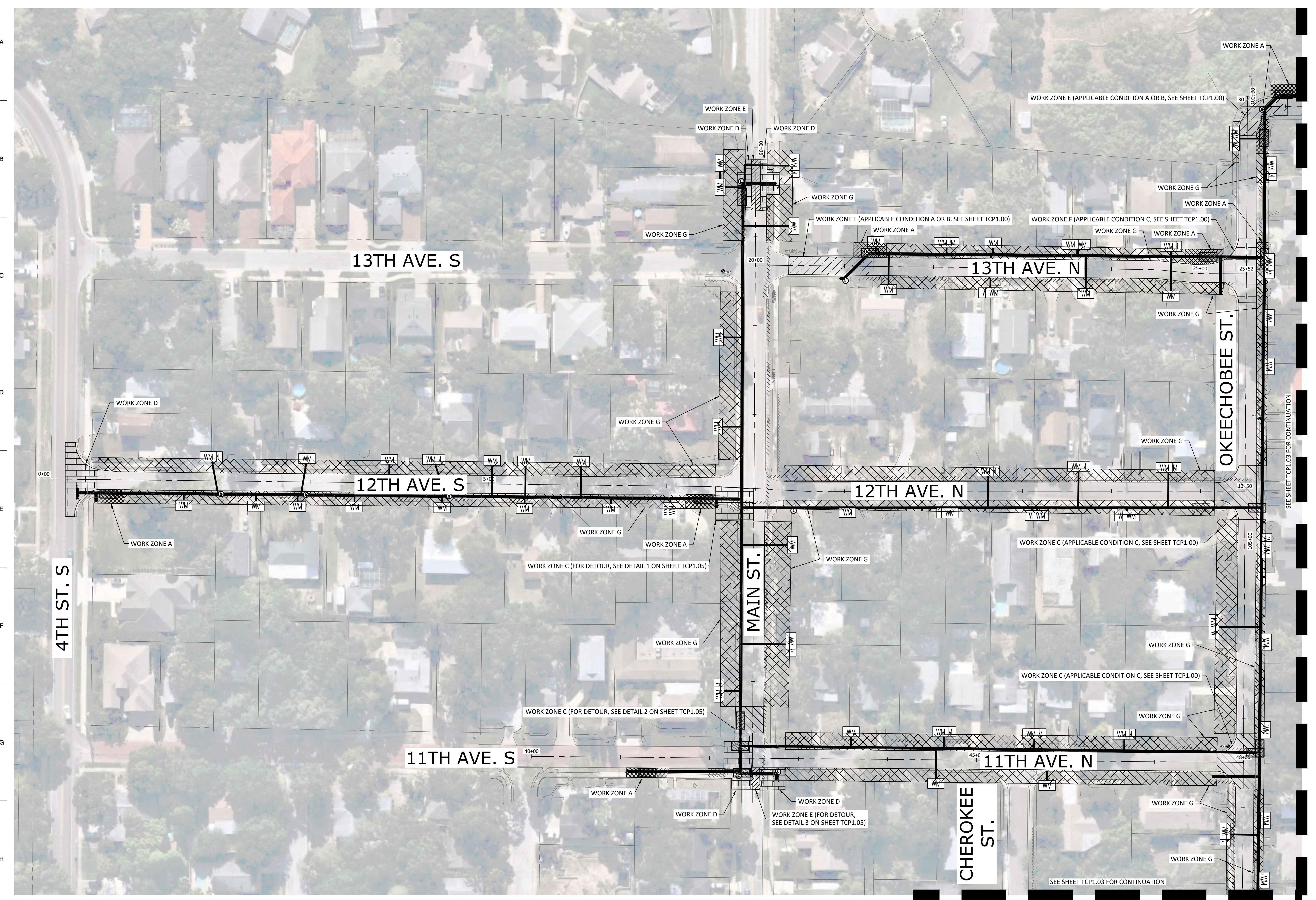
SEMINOLE PARK AND MAPLEWAY
WATER MAIN REPLACEMENT (UT0096)

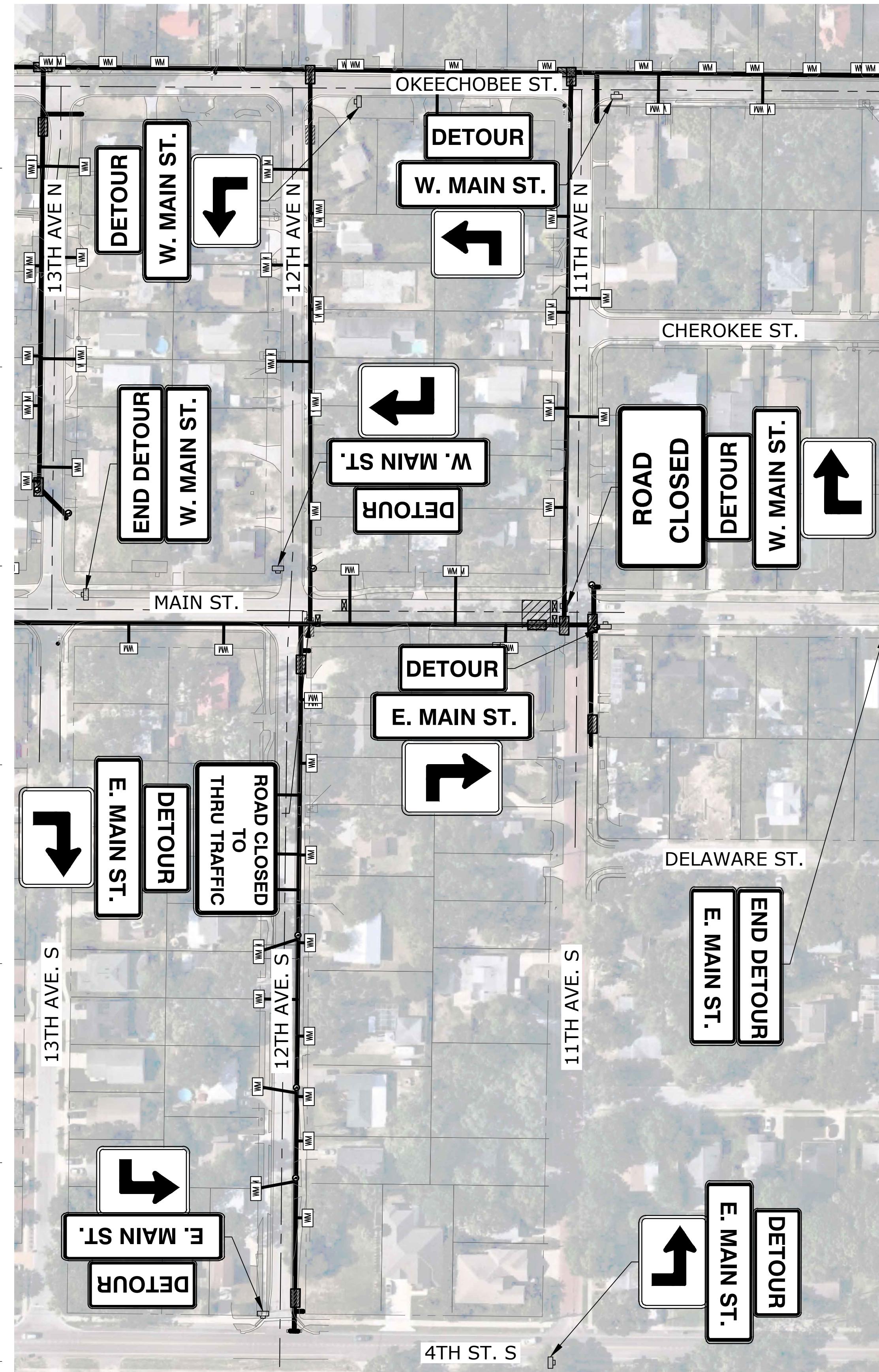
TRAFFIC CONTROL PLAN 2

JOB NO: 0279-00026-2022-0998

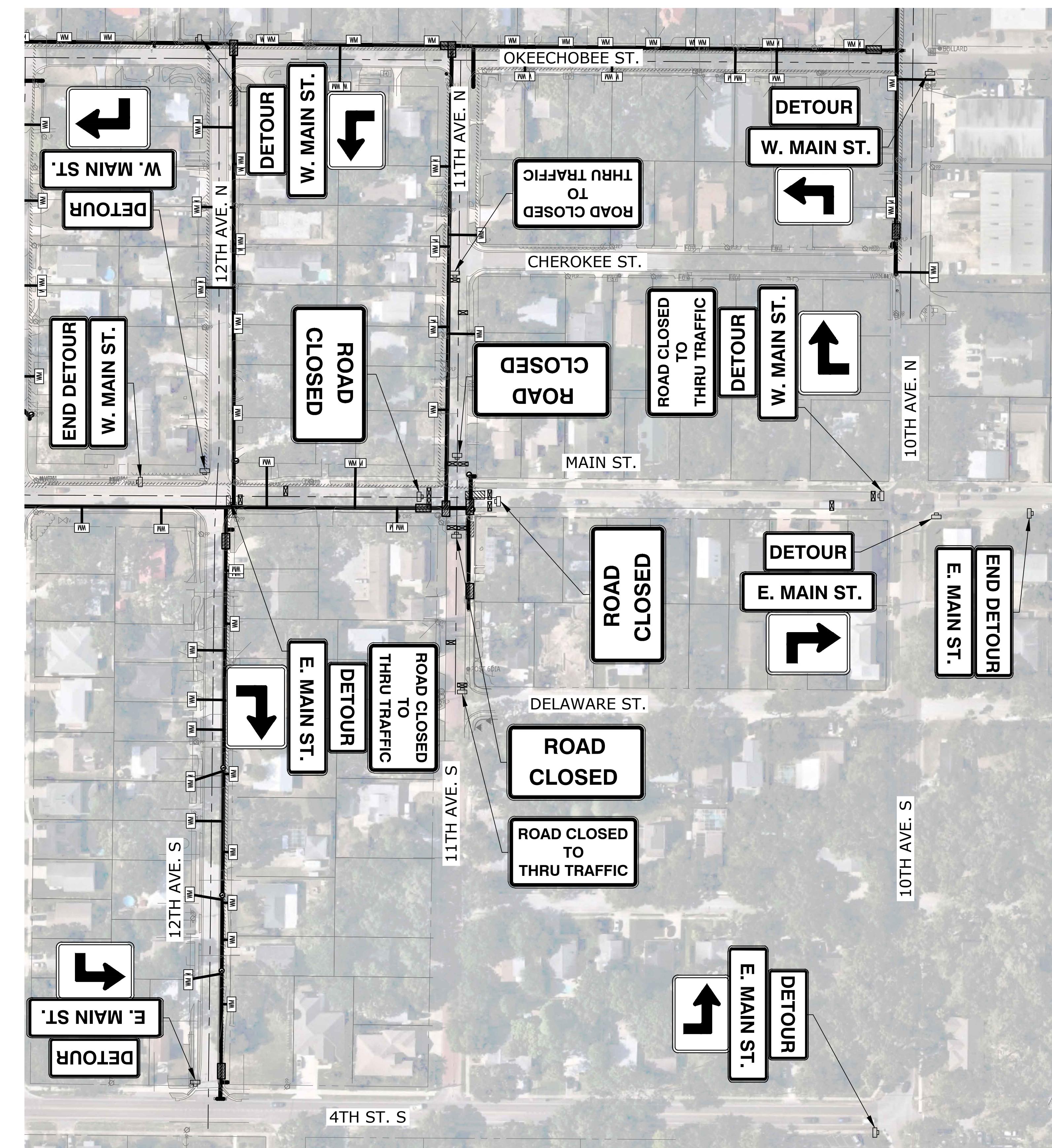
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DETAIL 2 - MAIN STREET DETOUR 1

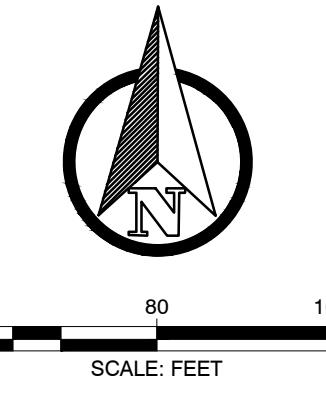


DETAIL 3 - MAIN STREET DETOUR 2

JOB NO: 0279-00026-2022-0998
DATE: JUNE 2022

TCP1.06

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ARDURRA
COLLABORATE. INNOVATE. CREATE.
9211 Memorial Highway
One Memorial Center, Suite 300
Tampa, Florida 33634
Phone: (813) 880-8881
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Engineering Dept.
750 Main Street
Safety Harbor, Florida 34695
Phone (727) 724-1555

BY	REVISION
NO.	DATE

SEMINOLE PARK AND MAPLEWAY
WATER MAIN REPLACEMENT (UT0096)
TRAFFIC CONTROL PLAN DETAILS