

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Aleksandr Spektor
 License No. 95174
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

ON THE DATE ADJACENT TO THE SEAL

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THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH 61G15-23.004 F.A.C.

SHEET G-01 COVER SHEET AND MAP LOCATION, SEALS & SIGNATURES
 SHEET C-04 PROPOSED SITE PLAN (ITEMS ASSOCIATED WITH DIESEL BACK UP PUMP AND ODOR CONTROL DUCTWORK, AND THE VORTEX DROP MANHOLE)

MECHANICAL SHEET (ALL ITEMS RELATED TO DIESEL PUMP AND ASSOCIATED PIPING, PIPING RELATED TO THE ODOR CONTROL SYSTEM, THE CONDITIONING PUMP AND ASSOCIATED PIPING, AND THE VORTEX DROP MANHOLE)

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF THE DESIGN OF THE ABOVE MENTIONED PORTION OF THIS PROJECT, AS PREPARED UNDER MY PERSONAL DIRECTION AND CONTROL, COMPLIES WITH ALL APPLICABLE STANDARDS, INCLUDING THE "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS" AS ADOPTED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION PURSUANT TO SUBSECTIONS 335.075(1) AND (4), FLORIDA STATUTES AND THE SARASOTA COUNTY UDC.

SARASOTA COUNTY PUBLIC UTILITIES DEPARTMENT

SARASOTA COUNTY, FLORIDA

UTILITY CONSTRUCTION PLANS FOR HOME DEPOT MASTER PUMP STATION AND FORCE MAIN

INDEX OF DRAWINGS

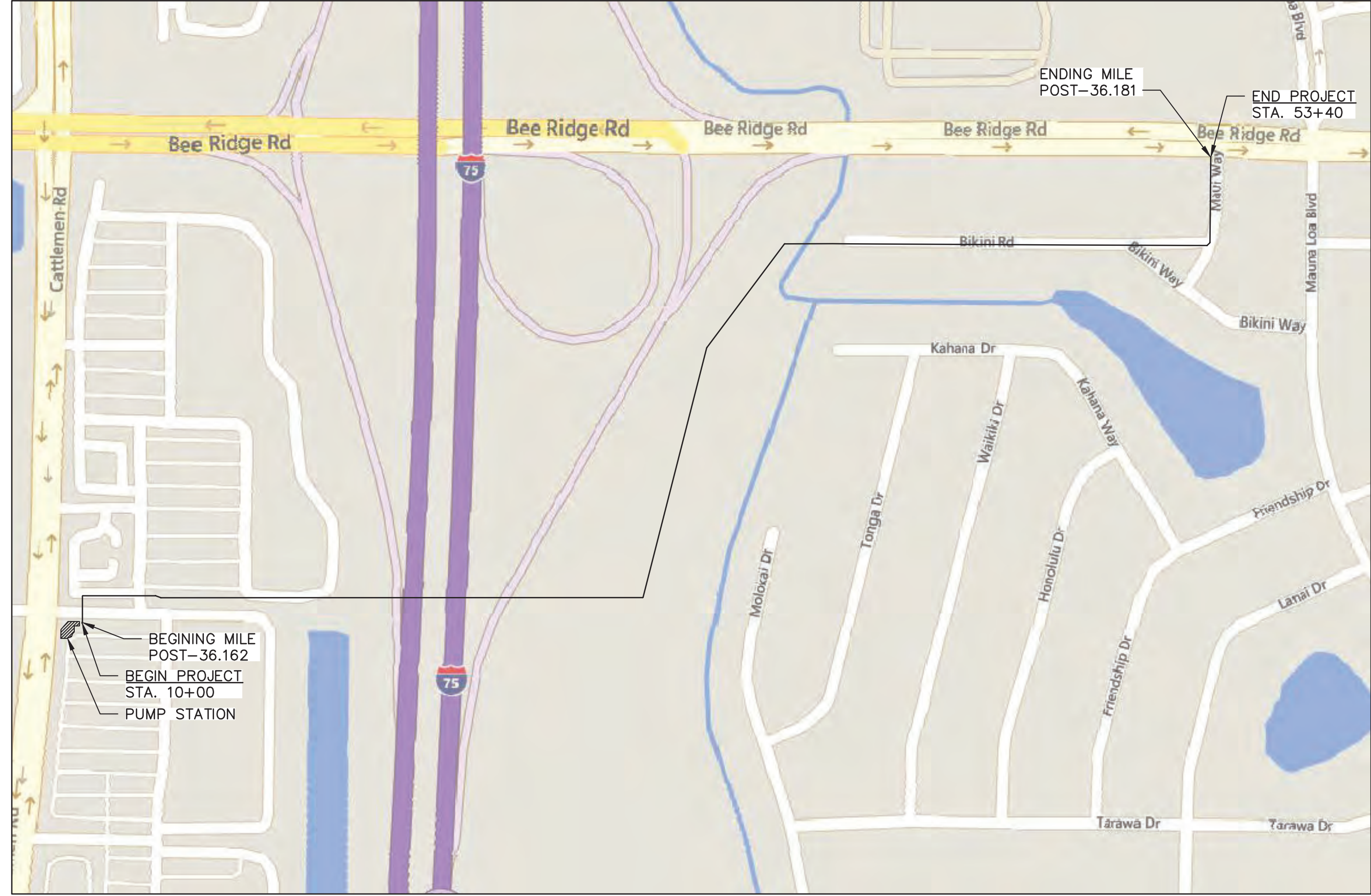
Sarasota County

CONSULTANTS

ARCADIS

LEGAL ENTITY:
ARCADIS U.S., INC.

User: JSHY4656 Spec: AUS - NSI/MD File: C:\USERS\JSHY4656\Documents\ARCADIS\AUS-30036073-HOME DEPOT-LS AND FM\PROJECT FILES\0_MIP\GENERAL\0-DI.DWG Scale: 1:1 Saved Date: 12/22/2025 Time: 12:38 Plot Date: 12/22/2025 Plotter: Joby, Chaitira, 12/22/2025



FDOT PERMIT #2025-H-194-00313

100% BID PLANS
DATED: DECEMBER 2025



PREPARED BY:

ARCADIS

LEGAL ENTITY:
ARCADIS U.S., INC.
1990 MAIN ST, SUITE 750,
SARASOTA, FL. 34236

VEITH ENGINEERING & BUSINESS SOLUTIONS

VEITH ENGINEERING & BUSINESS SOLUTIONS, LLC
2201 CANTU CT., SUITE 118
SARASOTA, FL 34232

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SEALS

Aleksandr Spektor
 License No. 95174
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

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SARASOTA COUNTY, FLORIDA
 SARASOTA COUNTY
 PUBLIC UTILITIES
 DEPARTMENT

HOME DEPOT MPS
 AND FM

100% BID SUBMITTAL

1	DEC 2025	100% BID PLANS	AS
NO.	DATE	ISSUED FOR	BY

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DATE: DECEMBER 2025
 PROJECT NO.: 30036073
 FILE NAME: G-01
 DESIGNED BY: ALEX SPEKTOR
 DRAWN BY: SHIVAKUMAR
 CHECKED BY: DIEGO BARRIOS

SHEET TITLE

GENERAL

COVER SHEET AND MAP LOCATIONS, SEALS & SIGNATURE

SCALE: AS SHOWN

G-01

SHEET 01 OF 60

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

David A Wilson
 License No. 65319
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

ON THE DATE ADJACENT TO THE SEAL

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 SHEET C-20 HDD CALCULATIONS-CROSS CREEK DRILL

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF THE DESIGN OF THE ABOVE MENTIONED PORTION OF THIS PROJECT, AS PREPARED UNDER MY PERSONAL DIRECTION AND CONTROL, COMPLIES WITH ALL APPLICABLE STANDARDS, INCLUDING THE "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS" AS ADOPTED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION PURSUANT TO SUBSECTIONS 335.075(1) AND (4), FLORIDA STATUTES AND THE SARASOTA COUNTY UDC.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Bryan T Veith
 License No. 52791
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

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 SHEET C-18 DETAIL-4 (NON-SARASOTA COUNTY DETAILS ONLY)
 ALL MECHANICAL SHEETS

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF THE DESIGN OF THE ABOVE MENTIONED PORTION OF THIS PROJECT, AS PREPARED UNDER MY PERSONAL DIRECTION AND CONTROL, COMPLIES WITH ALL APPLICABLE STANDARDS, INCLUDING THE "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS" AS ADOPTED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION PURSUANT TO SUBSECTIONS 335.075(1) AND (4), FLORIDA STATUTES AND THE SARASOTA COUNTY UDC.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Donnell Duncan
 License No. 79163
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 PROFESSIONAL ENGINEER

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SHEET G-01 COVER SHEET AND MAP LOCATION, SEALS & SIGNATURES
 ALL STRUCTURAL SHEETS

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF THE DESIGN OF THE ABOVE MENTIONED PORTION OF THIS PROJECT, AS PREPARED UNDER MY PERSONAL DIRECTION AND CONTROL, COMPLIES WITH ALL APPLICABLE STANDARDS, INCLUDING THE "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS" AS ADOPTED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION PURSUANT TO SUBSECTIONS 335.075(1) AND (4), FLORIDA STATUTES AND THE SARASOTA COUNTY UDC.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Eric B Battle II
 License No. 81285
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

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SHEET G-01 COVER SHEET AND MAP LOCATION, SEALS & SIGNATURES
 ALL ELECTRICAL SHEETS
 ALL INSTRUMENTATION SHEETS

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF THE DESIGN OF THE ABOVE MENTIONED PORTION OF THIS PROJECT, AS PREPARED UNDER MY PERSONAL DIRECTION AND CONTROL, COMPLIES WITH ALL APPLICABLE STANDARDS, INCLUDING THE "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS" AS ADOPTED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION PURSUANT TO SUBSECTIONS 335.075(1) AND (4), FLORIDA STATUTES AND THE SARASOTA COUNTY UDC.

User: J05HYC4656 Spec: AUS-NSMOD File: C:\USERS\J05HYC4656\Documents\ARCADIS\AUS-30036073-HOME DEPOT_LS AND_FM\PROJECT FILES\0-GENERAL\0-03.DWG Scale: 1:1 SavedDate: 12/22/2025 Time: 12:33 Plot Date: Jeffrey, Chathro, 12/22/2025, 12:34 : Layout: 0-03

LEGEND:

- | | | | |
|--|--|--|---------------------|
| | CONTROL POINT | | BOLLARD |
| | IRON ROD FOUND | | CONTROL PANEL |
| | CONCRETE MONUMENT FOUND | | TRANSFORMER |
| | NAIL W/DISC FOUND | | TRAFFIC SIGNAL POLE |
| | RIGHT-OF-WAY | | ANTENNA |
| | OFFICIAL RECORDS INSTRUMENT | | UTILITY RISER |
| | PALM | | UTILITY BOX |
| | PINE | | LIGHT POLE |
| | OAK | | UTILITY POLE |
| | TREE | | MAILBOX |
| | STORM MANHOLE | | AIR RELEASE VALVE |
| | GRATE INLET | | R/W LINES |
| | MITERED END SECTION | | FENCE |
| | SANITARY MANHOLE | | COMCAST |
| | SANITARY VALVE | | FRONTIER |
| | FIRE HYDRANT | | SANITARY |
| | GATE VALVE | | STORM |
| | WATER METER | | OVERHEAD ELECTRICAL |
| | BACKFLOW PREVENTER | | WATER MAIN |
| | UTILITY MANHOLE | | FORCE MAIN |
| | SIGN | | FPL |
| | UTILITY SERVICE BOX | | ELECTRICAL |
| | PROPOSED GATE VALVE | | MESIC HAMMOCK AREA |
| | COMBINATION AIR RELEASE & VACUUM VALVE | | |
| | PROPOSED FORCE MAIN | | |
| | PROPOSED PLUG VALVE | | |
| | PROPOSED CHECK VALVE | | |
| | PROPOSED 90° BEND | | |
| | BORING LOCATION | | |
| | CONCRETE ENCASEMENT | | |
| | EASEMENT AREA | | |
| | FUTURE EASEMENT | | |
| | PAVEMENT REPLACEMENT/RESTORATION | | |
| | LIMITS OF DISTURBANCE | | |
| | COMPOSITE SOCK FILTER | | |
| | SILT FENCE | | |
| | WATERWAY | | |
| | PAVEMENT REPLACEMENT | | |

ENVIRONMENTAL

- WHEN A BENTONITE SPILL OR FRACK-OUT OCCURS OR THERE IS A LOSS OF RETURN INDICATING EXCESSIVE SEEPAGE OR LOSS OF DRILLING FLUID, DRILLING MUST BE STOPPED UNTIL THE LOCATION OF THE SPILL IS IDENTIFIED. UNDER NO CIRCUMSTANCES WILL DRILLING CONTINUE WHEN A SPILL IS APPARENT.
- ONCE THE SPILL OR FRACK-OUT IS LOCATED, BENTONITE SHALL BE ISOLATED AND SEEPAGE INTO ANY NEARBY WATER BODIES WILL BE BLOCKED. DEPENDING ON THE DEGREE OF THE SPILL, THE ISOLATED SEDIMENT MUST BE REMOVED MANUALLY OR MECHANICALLY AND DISPOSED OF BY APPROPRIATE MEANS OR REUSED.
- THE CONTRACTOR SHALL PREPARE A SEDIMENT AND EROSION CONTROL PLAN, A STORMWATER POLLUTION PREVENTION PLAN, AND ACQUIRE A NATIONAL POLLUTANT DISCHARGE ELIMINATION (NPDES) PERMIT FOR THE PROJECT AS REQUIRED BY FLORIDA ADMINISTRATIVE CODE (F.A.C.) AND SUBMIT IT TO THE COUNTY FOR REVIEW AND ACCEPTANCE A MINIMUM OF 60 BUSINESS DAYS PRIOR TO BREAKING GROUND. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY STORMWATER, EROSION, AND SEDIMENTATION MEASURES IN ACCORDANCE WITH THE FDEP "FLORIDA STORM WATER, EROSION, AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL." IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTROL AND PREVENT EROSION AND TRANSPORT OF SEDIMENT TO SURFACE DRAINS AND TO DITCHES DURING CONSTRUCTION.
- STOCKPILES SHALL BE PROTECTED AT ALL TIMES BY ONSITE CONTROLS WHICH PREVENT EROSION OF THE STOCKPILED MATERIAL. CONTROL OF DUST FROM SUCH STOCKPILES IS REQUIRED, DEPENDING UPON THEIR LOCATION AND THE EXPECTED LENGTH OF TIME THE STOCKPILES WILL BE PRESENT. IN NO CASE SHALL ANY STOCKPILED MATERIAL REMAIN AFTER THIRTY (30) CALENDAR DAYS.
- STORMWATER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY SEDIMENT TRAPS, SUCH AS SECURED ARTIFICIAL HAY BALES, WHICH SHALL BE MAINTAINED AND MODIFIED AS REQUIRED BY THE CONTRACTOR, AND WHICH MUST BE APPROVED BY THE ENGINEER BEFORE INSTALLATION. THIS WILL BE MAINTAINED TO PREVENT DEBRIS FROM ENTERING THE WATERS OF THE COUNTY AND STATE.
- SEDIMENT BASINS AND TRAPS, PERIMETER BERMS, SEDIMENT BARRIERS, BUFFERS, AND OTHER MEASURES INTENDED TO TRAP SEDIMENT AND/OR PREVENT THE TRANSPORT OF SEDIMENT FROM EXCAVATED AREAS OR INTO EXISTING BODIES OF WATER, MUST BE INSTALLED, CONSTRUCTED, OR IN THE CASE OF VEGETATIVE BUFFERS, PROTECTED FROM DISTURBANCE AS A FIRST STEP IN THE LAND ALTERATION PROCESS. SUCH SYSTEMS SHALL BE FULLY OPERABLE BEFORE ANY OTHER DISTURBANCE OF THE SITE. EARTHEN STRUCTURES, INCLUDING BUT NOT LIMITED TO BERMS, EARTH FILTERS, DAMS, OR DIKES, SHALL BE STABILIZED AND PROTECTED FROM DRAINAGE DAMAGE OR EROSION WITHIN ONE (1) WEEK OF INSTALLATION.
- ALL SWALES, DITCHES, AND CHANNELS LEADING FROM THE SITE SHALL BE PROTECTED FROM SILTATION AND EROSION DURING CONSTRUCTION AND BE SODDED WITHIN THREE (3) DAYS OF EXCAVATION. SOD SHALL BE MAINTAINED ONSITE OVER THE COURSE OF EXCAVATION.
- SOIL DISPLACED BY CONSTRUCTION WILL BE REMOVED. EROSION CONTROL WILL BE IMPLEMENTED IN AREAS WHICH ARE CONSIDERED ENVIRONMENTALLY SENSITIVE. EROSION CONTROL SYSTEMS SHALL BE REQUIRED FOR PROJECTS WITHIN JURISDICTIONAL AREAS. THESE SYSTEMS MAY INCLUDE STAKED HAY BALES, SILT SCREENS, FILTER FABRIC, AND TURBIDITY SCREENS.
- ALL EROSION AND POLLUTION CONTROL DEVICES SHALL BE INSPECTED REGULARLY AFTER EACH RAINFALL AND SHALL BE CLEANED OUT AND/OR REPAIRED AS REQUIRED.
- THE CONTRACTOR SHALL NOT ENTER UPON OR IN ANY WAY ALTER WETLAND AREAS THAT MAY BE ON OR NEAR THE CONSTRUCTION SITE. 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 SITE. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY RESULTING VIOLATION OF ANY REGULATIONS OR PERMIT CONDITIONS.
- THE CONTRACTOR SHALL NOT STOCKPILE OR STAGE MATERIAL OR EQUIPMENT WITHIN THE WETLAND LIMITS.
- ALL WETLANDS SHALL BE RESTORED TO EXISTING CONDITIONS.
- CONTRACTOR SHALL PROVIDE PROTECTIVE MATTING, FENCING, OR OTHER TEMPORARY MATERIALS, EQUIPMENT, AND LABOR TO PROTECT THE STAGING AREA DURING CONSTRUCTION
- CONTRACTOR SHALL POST SIGNAGE PRIOR TO BEGINNING CONSTRUCTION, STATING A SPILL PREVENTION PLAN THAT SHALL CLEARLY INDICATE HOW FUEL SPILLS WILL BE PREVENTED WHEN FUELING BOTH WITHIN AND OUTSIDE OF THE STAGING AREA.
- IMPACTS TO STATE AND FEDERALLY PROTECTED SPECIES AS LISTED IN THE MOST CURRENT VERSION OF "FLORIDA'S ENDANGERED SPECIES, THREATENED SPECIES, AND SPECIES OF SPECIAL CONCERN: OFFICIAL LISTS" PREPARED BY THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION (FWC) ARE NOT AUTHORIZED BY THIS PERMIT. THESE SPECIES MAY INCLUDE, BUT ARE NOT LIMITED TO, FLORIDA SCRUB JAY, AMERICAN BALD EAGLE, SHERMAN'S FOX SQUIRREL, BURROWING OWL, GOPHER TORTOISE, GOPHER FROG, EASTERN INDIGO SNAKE, PROTECTION EXTENDS TO THE NESTS, BURROWS, AND HABITAT UTILIZED BY THESE SPECIES. IF A LISTED SPECIES OR ITS EVIDENCE (SUCH AS BURROWS, NESTS, SCAT, TRACKS) THAT WAS NOT ADDRESSED IN THIS PERMIT IS OBSERVED PRIOR TO OR DURING CONSTRUCTION, ALL CLEARING AND EARTHMOVING ON-SITE SHALL CEASE. THE PERMITTEE SHALL CONSULT WITH THE FWC REGIONAL OFFICE AND/OR THE U.S. FISH AND WILDLIFE SERVICE REGIONAL OFFICE REGARDING NECESSARY PROTECTION MEASURES AND PROVIDE EVIDENCE OF SUCH CONSULTATION TO ENVIRONMENTAL PROTECTION DIVISION (EPD) STAFF PRIOR TO RESUMING WORK.
- IF ANY TYPE A FILL (CLEAN EARTHEN MATERIAL) IS TO BE HAULED OFF-SITE, AN EARTHMOVING PERMIT OR LETTER OF EXEMPTION IS REQUIRED FROM THE ENVIRONMENTAL PROTECTION DIVISION. IF ANY TYPE A FILL HAULED OFF-SITE IS TO BE STOCKPILED OR FILLED UPON PRIVATE PROPERTIES WITHIN THE UNINCORPORATED AREAS OF SARASOTA COUNTY, THE RECEIVING PROPERTY(S) SHALL POSSESS AUTHORIZATION IN THE FORM OF AN EARTHMOVING PERMIT, A WRITTEN EARTHMOVING EXEMPTION, A BUILDING PERMIT, OR CONSTRUCTION PLAN APPROVAL PRIOR TO RECEIVING SAID FILL. NO TYPE B (CONCRETE, BROKEN ASPHALT, ROCKS), TYPE C (VEGETATIVE LAND CLEARING DEBRIS), OR TYPE D (GARBAGE, REFUSE, WOOD, METAL, PLASTIC, ETC.) FILL MAY BE BURIED ON-SITE OR OUTSIDE APPROVED CONSTRUCTION LIMITS. TYPE D FILL MUST BE DISPOSED OF AT AN APPROVED LANDFILL OR RECYCLING FACILITY. TYPE B, C, AND D FILLS GENERATED ON-SITE SHALL NOT BE STOCKPILED ON-SITE FOR GREATER THAN SIX MONTHS. TYPE B, C, AND D FILLS SHALL NOT BE HAULED TO THE SITE FROM OFF-SITE SOURCES. FOR INFORMATION ABOUT EARTHMOVING PERMITS OR EXEMPTIONS, CONTACT ENVIRONMENTAL PROTECTION DIVISION AT 941-861-5000. IF FILL MATERIAL IS TO BE STOCKPILED WITHIN THE APPROVED CONSTRUCTION LIMITS, THE PROJECT ENGINEER MUST PROVIDE DETAILED DRAWINGS TO LAND DEVELOPMENT SERVICES FOR REVIEW AND APPROVAL.
- THE WETLANDS AND ASSOCIATED UPLAND VEGETATIVE BUFFERS, AND OTHER NATIVE HABITATS, SHALL BE MAINTAINED IN ACCORDANCE WITH MANAGEMENT GUIDELINES CONTAINED WITHIN THE COMPREHENSIVE PLAN AS PRESERVES AND LABELED PRESERVES ON ALL PLANS. ALL ACTIVITIES INVOLVING BUT NOT LIMITED TO FILLING, EXCAVATING, WELL DRILLING, ALTERING VEGETATION (INCLUDING TRIMMING OF BOTH TREES AND UNDERSTORY) AND STORING OF MATERIALS SHALL BE PROHIBITED WITHIN PRESERVATION AREAS, UNLESS WRITTEN APPROVAL IS FIRST OBTAINED BY ENVIRONMENTAL PROTECTION DIVISION. EXCEPTION MAY BE GRANTED BY ENVIRONMENTAL PROTECTION DIVISION TO FACILITATE IMPLEMENTATION OF APPROVED HABITAT MANAGEMENT PLANS OR THE HAND REMOVAL OF NUISANCE/INVASIVE VEGETATION

TRAFFIC ENGINEERING -- TTCP NOTE

- THE CONTRACTOR SHALL SUBMIT A ROAD AND LANE CLOSURE REQUEST PERMIT AND A SIGNED AND SEALED TTCP TO TRAFFIC ENGINEERING FOR REVIEW AND APPROVAL AT LEAST 21 DAYS PRIOR TO THE REQUESTED DATE. LANE CLOSURE AT NIGHT WILL BE ALLOWED BETWEEN 9:00 PM TO 5:00 AM. NO LANE CLOSURES WILL BE CONSIDERED DURING DAYTIME UNLESS SUPPORTED BY BOTH A DOCUMENTED HARDSHIP AND A LANE CLOSURE ANALYSIS. IF THE PROJECT DOES NOT PASS INSPECTION AND THE CONTRACTOR MUST CONTINUE TO WORK WITHIN THE COUNTY RIGHT-OF-WAY, A NEW ROAD AND LANE CLOSURE REQUEST PERMIT MUST BE SUBMITTED TO TRAFFIC ENGINEERING FOR REVIEW AND APPROVAL. FIND THE ROAD AND LANE CLOSURE REQUEST FORM HERE: TRAFFIC REPORTS LIBRARY | SARASOTA COUNTY, FL (SCGOV.NET)

FORTUITOUS FINDS STATEMENT

THE FOLLOWING REQUIREMENTS APPLY TO ALL BUILDING CONSTRUCTION OR ALTERATION OR LAND ALTERATION ACTIVITIES:

- IF EVIDENCE OF THE EXISTENCE OF HISTORIC RESOURCES IS DISCOVERED OR OBSERVED AT DEVELOPMENT SITES OR DURING DEVELOPMENT ACTIVITIES AFTER FINAL APPROVAL, ALL SUCH SHALL CEASE IN THE AREA OF EVIDENCE IDENTIFIED BY THE DIRECTOR. THE DEVELOPER, OWNER, CONTRACTOR OR AGENT THEREOF SHALL NOTIFY THE DIRECTOR WITHIN TWO WORKING DAYS. EXAMPLES OF SUCH EVIDENCE INCLUDE WHOLE OR FRAGMENTARY HUMAN BONES, SHELL TOOLS, ABORIGINAL OR HISTORIC POTTERY, HISTORIC GLASS, HISTORIC BOTTLES, BONE TOOLS, HISTORIC BUILDING FOUNDATIONS, SHELL MOUNDS, SHELL MIDDENS OR SAND MOUNDS. THE DIRECTOR SHALL ASSESS THE SIGNIFICANCE OF THE FINDS WITHIN FIVE WORKING DAYS OF NOTIFICATION SO AS TO DETERMINE THE APPROPRIATE ACTIVITIES.
- IF ANY HUMAN SKELETAL REMAINS OR ASSOCIATED BURIAL ARTIFACTS ARE ENCOUNTERED DURING PERMITTED SITES OR DURING DEVELOPMENT ACTIVITY, ALL WORK IN THE IMMEDIATE VICINITY OF THE DISCOVERY SHALL STOP IMMEDIATELY. NOTIFY THE NEAREST LAW ENFORCEMENT AGENCY, MEDICAL EXAMINER, AND THE COUNTY MANAGER OF HISTORICAL RESOURCES WITHIN TWO WORKING DAYS.

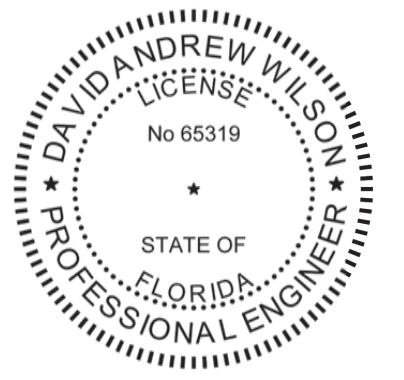


CONSULTANTS



LEGAL ENTITY:
ARCADIS U.S., INC.

SEALS



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SARASOTA COUNTY, FLORIDA
SARASOTA COUNTY
PUBLIC UTILITIES
DEPARTMENT

HOME DEPOT MPS
AND FM

100% BID SUBMITTAL

NO.	DATE	ISSUED FOR	BY
1	DEC 2025	100% BID PLANS	DW

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2024

DATE: DECEMBER 2025
PROJECT NO.: 30036073
FILE NAME: G-03
DESIGNED BY: ARPITA MEHER
DRAWN BY: SHIVAKUMAR
CHECKED BY: DAVID WILSON

SHEET TITLE

GENERAL

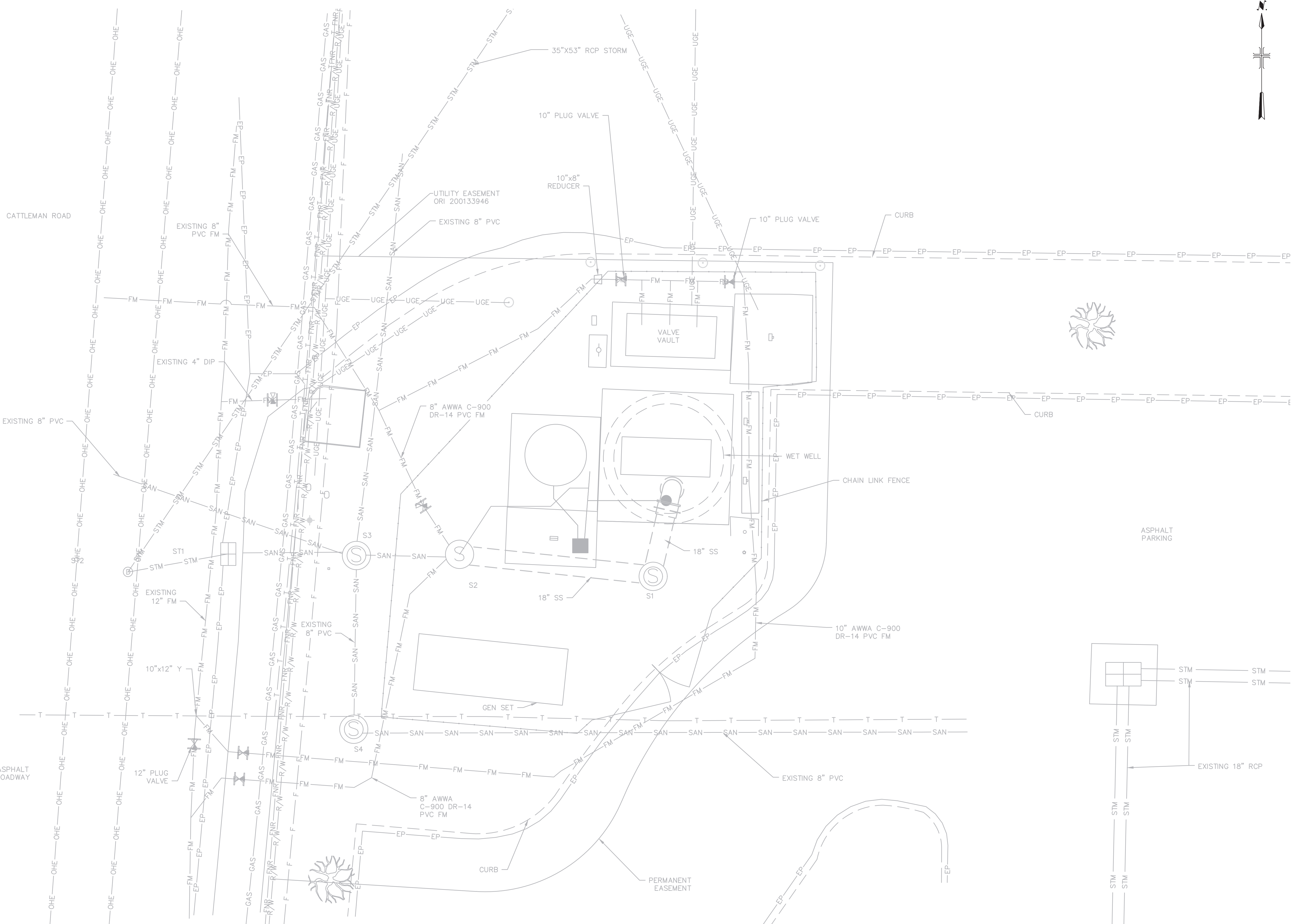
LEGEND

SCALE: AS SHOWN

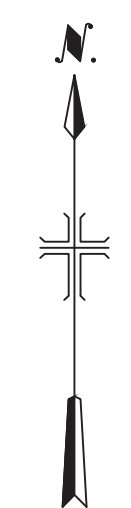
G-03

SHEET 03 OF 60

User: J05HYC4656 Spec: AUS-NSW00B File: C:\USERS\J05HYC4656\Documents\ARCADIS\AUS-30036073-HOME DEPOT LS AND FM\PROJECT FILES\DWG\01\DWG Scale: 1:1 SavedDate: 12/22/2025 Time: 14:03 Plot Date: J05HYC4656 ; Layout: C-01



SITE PLAN
 0 5' 10'
 SCALE: 1" = 5'



SEALS



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SARASOTA COUNTY, FLORIDA
SARASOTA COUNTY PUBLIC UTILITIES DEPARTMENT

HOME DEPOT MPS AND FM

100% BID SUBMITTAL

NO.	DATE	ISSUED FOR	BY
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 FILE NAME: C-01
 DESIGNED BY: ALEX SPEKTOR
 DRAWN BY: SHIVAKUMAR
 CHECKED BY: BRYAN VEITH

SHEET TITLE

CIVIL

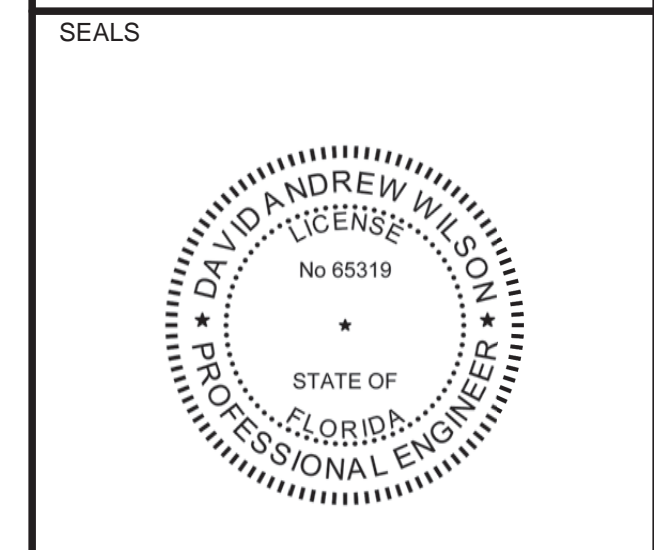
EXISTING SITE PLAN

SCALE: AS SHOWN

C-01

SHEET 04 OF 60

User: J05HYC4656 Spec: AUS-NSM001 File: C:\USERS\J05HYC4656\DC\ACCDCCS\ARCADIS\AUS-30036073-HOME DEPOT LS AND FM PROJECT FILES\0_MIP\CIVIL\C-02.DWG Scale: 1:1 SaveDate: 12/22/2025 Time: 12:29 Plot Date: Jobby, Chaitra: 12/22/2025; 12:36 Layout: C-02



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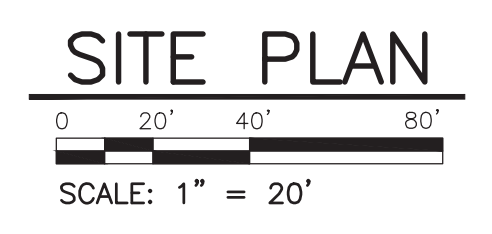
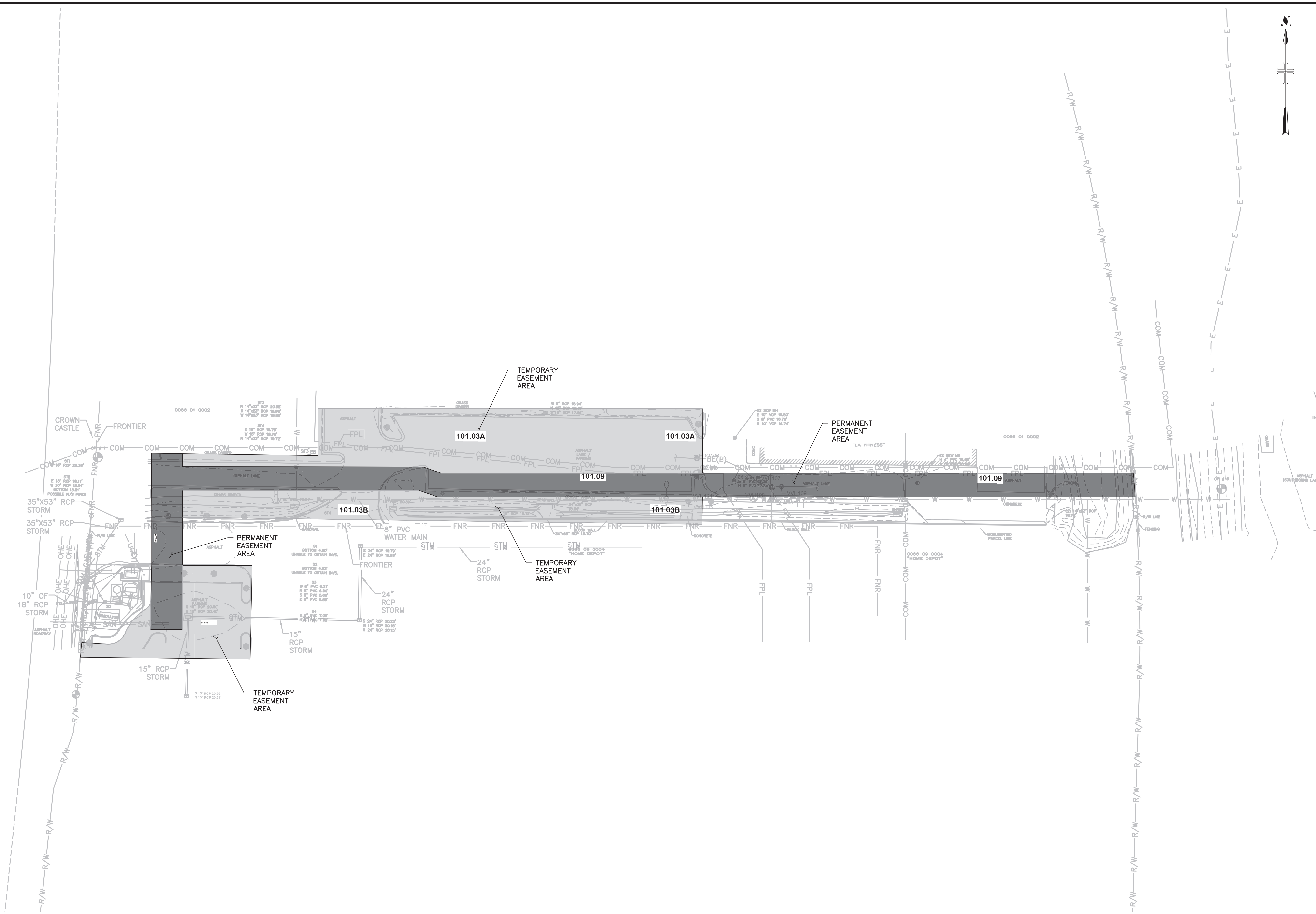
DATE: DECEMBER 2025
 PROJECT NO.: 30036073
 FILE NAME: C-02
 DESIGNED BY: ARPITA MEHER
 DRAWN BY: SHIVAKUMAR
 CHECKED BY: DAVID WILSON

SHEET TITLE

CIVIL
**EASEMENT AND
 LAYDOWN AREAS
 OVERVIEW**

SCALE: AS SHOWN

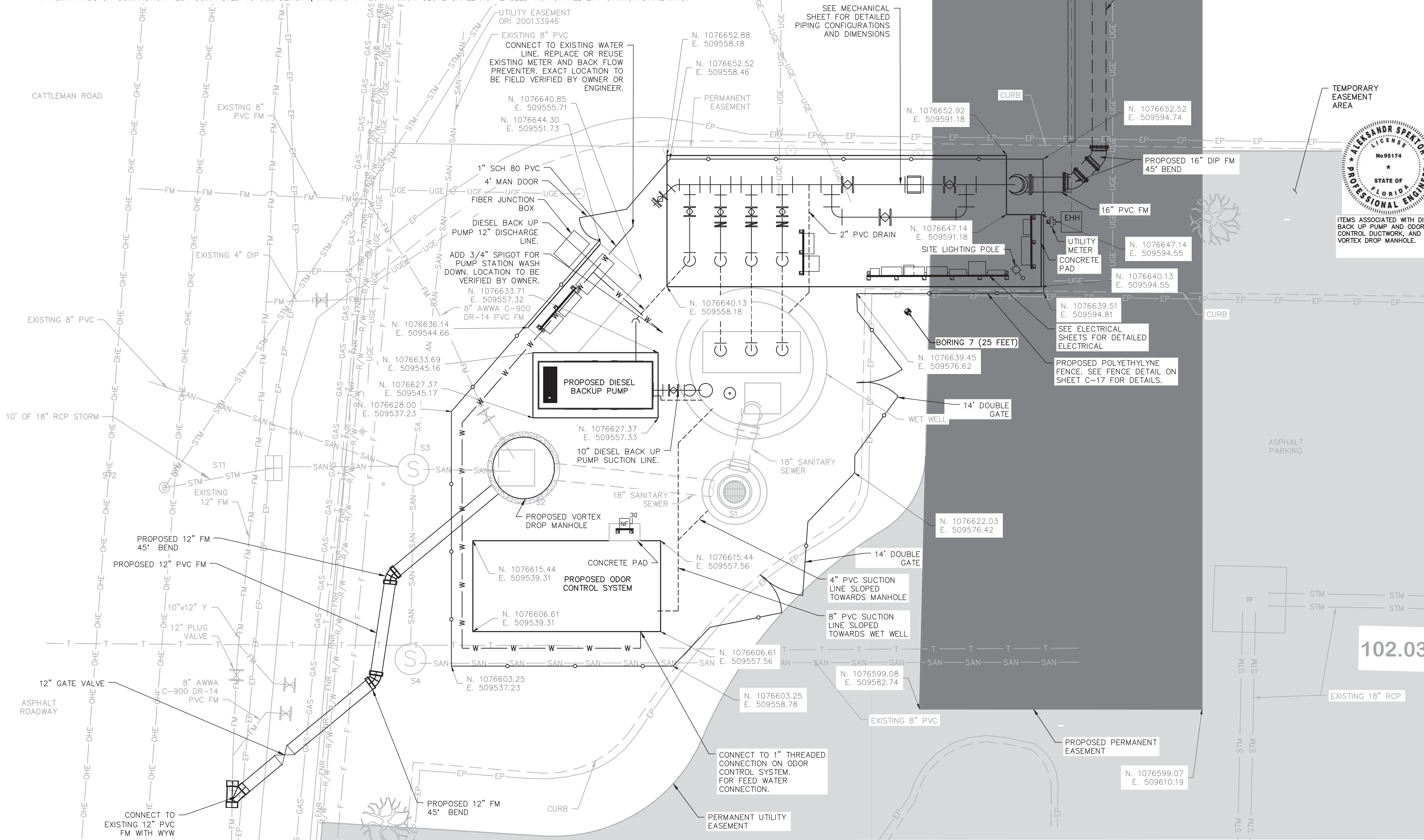
C-02
 SHEET 05 OF 60



- LEGEND**
- SITE ACCESS
 - MESIC HAMMOCKS/WATER
 - PERMANENT UTILITY EASEMENT
 - TEMPORARY CONSTRUCTION EASEMENT
 - FEE SIMPLE ACQUISITION

NOTES:

- INSTALL 6 INCHES OF COMPACTED 1 INCH, WASHED, CRUSHED SHELL OVER ONE LAYER OF WEED BARRIER OVER ALL EXPOSED GROUND SURFACES. ONE LAYER OF WEED BARRIER IS TO BE LAID AND EXTEND 4 FEET OUTSIDE OF THE FENCE LINE. THE WEED BARRIER SHALL BE MIRASCAP MANUFACTURED BY MIRAFI OR APPROVED EQUAL. ALL FINISHED GRADE SURFACES SHALL SLOPE AWAY FROM THE CONCRETE SLABS AT A MINIMUM SLOPE OF 2% EXTENDING 4 FEET OUTSIDE OF THE FENCE LINE. PRIOR TO INSTALLING THE WEED BARRIER. ALL DISTURBED GROUND SHALL BE COMPACTED TO 95% MAX DENSITY, AASHTO T-180, WITH A 4-POINT PROCTOR COMPACTION TEST TO BE PERFORMED WITHIN THE 4 FOOT AREA OUTSIDE THE FENCE LINE.
- ALL LIFT STATION DRIVEWAYS SHALL BE 6 INCH THICK CLASS 1, MINIMUM 3000 PSI, FIBERMESH REINFORCED CONCRETE WITH 3LBS/CY OF 100% VIRGIN POLYPROPYLENE COLLATED, FIBRILLATED FIBERS FROM FIBERMESH CO. OR EQUAL, EXTENDING FROM THE BACK OF THE CURB TO LESS THAN 1 FOOT (<1') INSIDE THE FENCE GATE OPENING. THE 14 FOOT WIDE DRIVEWAY SHALL ALIGN WITH THE CENTER OF THE FENCE GATE AND THE WET WELL. THE TOP 12 INCHES OF THE DRIVEWAY SUBGRADE SHALL BE SUBJECT TO A 4-POINT PROCTOR COMPACTION TEST COMPACTED TO 98% DENSITY, AASHTO T-180 MAXIMUM SLOPE SHALL NOT EXCEED 7% FOR ALL LIFT STATION DRIVEWAYS.



ITEMS ASSOCIATED WITH DIESEL BACK UP PUMP AND ODOR CONTROL DUCTWORK, AND THE VORTEX DROP MANHOLE.

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SARASOTA COUNTY, FLORIDA
SARASOTA COUNTY PUBLIC UTILITIES DEPARTMENT

HOME DEPOT MPS AND FM

100% BID SUBMITTAL

NO.	DATE	ISSUED FOR	BY
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DATE: DECEMBER 2025
PROJECT NO.: 30036073
FILE NAME: C-04
DESIGNED BY: ALEX SPEKTOR
DRAWN BY: SHIVAKUMAR
CHECKED BY: BRYAN VEITH

SHEET TITLE

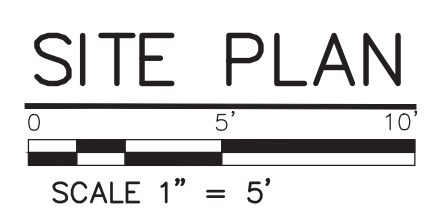
CIVIL

PROPOSED SITE PLAN

SCALE: AS SHOWN

C-04

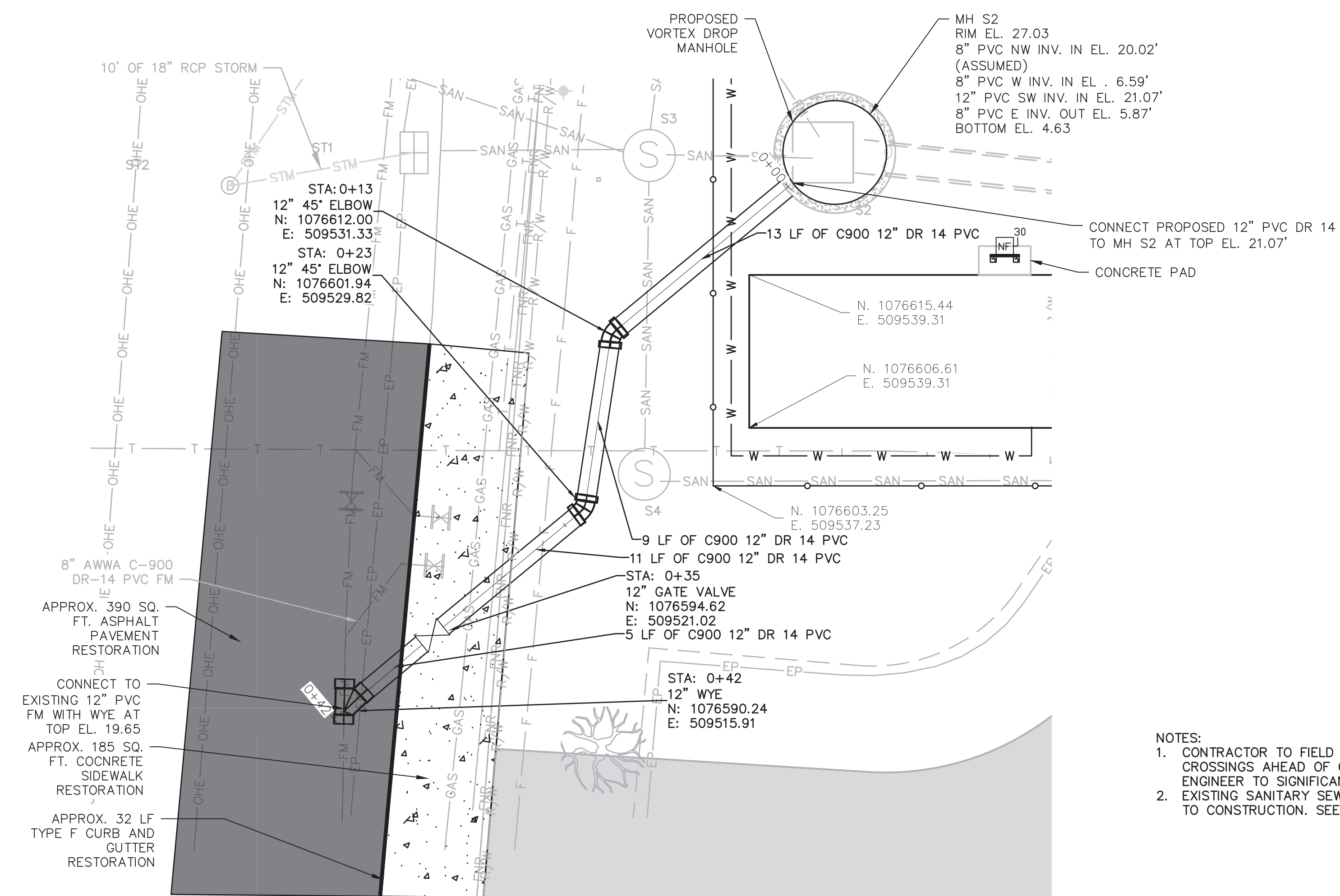
SHEET 07 OF 60



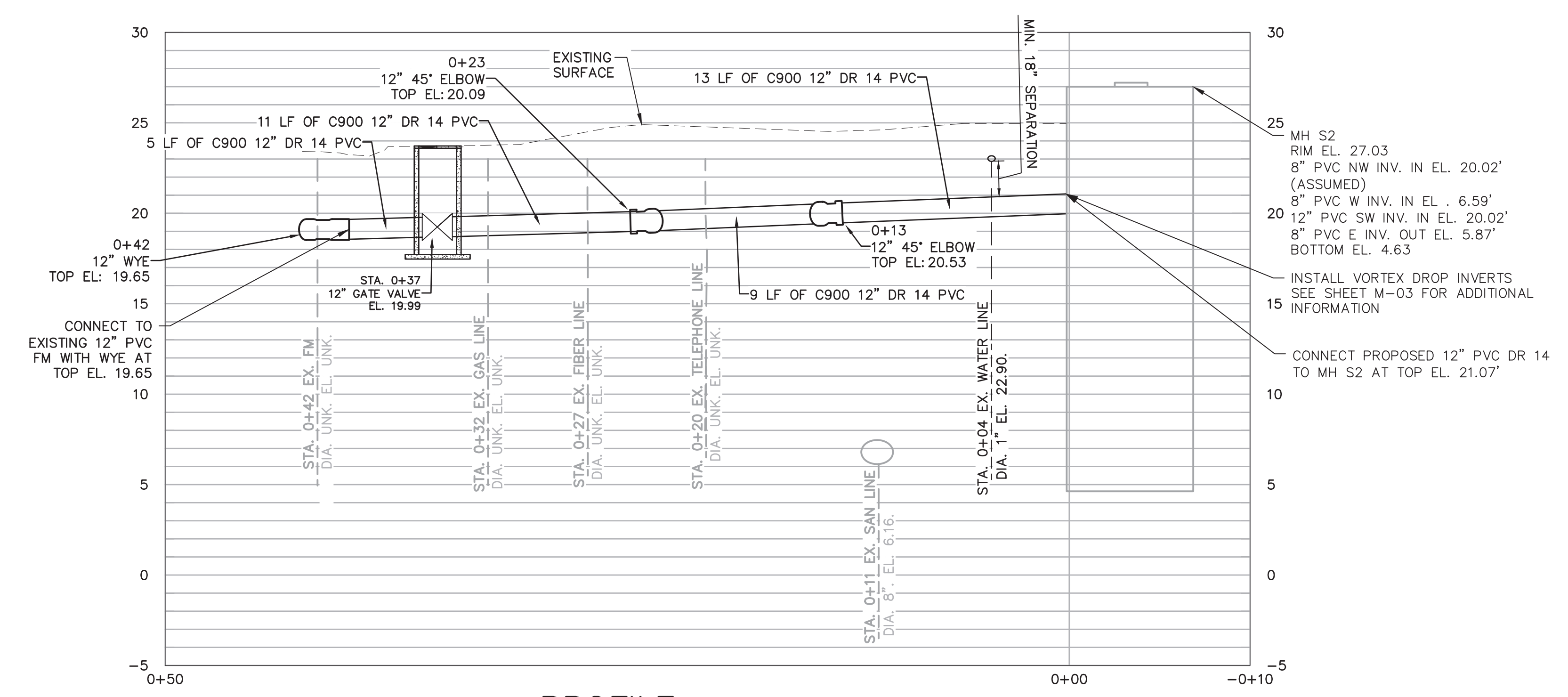
- LEGEND**
- SITE ACCESS
 - MESIC HAMMOCKS/WATER
 - PERMANENT UTILITY EASEMENT
 - TEMPORARY CONSTRUCTION EASEMENT
 - FEE SIMPLE ACQUISITION

User: J05HYC4656 Spec: AUS-NOSMOD File: C:\USERS\J05HYC4656\Documents\ARCADIS\AUS-30036073-HOME DEPOT_LS AND FM\PROJECT FILES\DWG\CIVIL\C-04.DWG Scale: 1:1 SaveDate: 12/22/2025 Time: 11:56 Plot Date: Jobby, Chaitra: 12/22/2025 12:37 : Layout: C-04

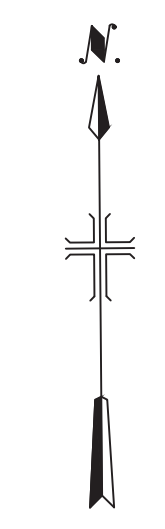
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PLAN
 0 5' 10'
 SCALE 1" = 5'-0"



PROFILE
 0 5' 10' 0 5' 10'
 HORZ. SCALE: 1" = 5' VERT. SCALE: 1" = 5'



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HOME DEPOT MPS
 AND FM

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 FILE NAME: C-04 A
 DESIGNED BY: ARPITA MEHER
 DRAWN BY: SHIVAKUMAR
 CHECKED BY: DAVID WILSON

SHEET TITLE

CIVIL

PLAN AND PROFILE

SCALE: AS SHOWN

C-04A

SHEET 08 OF 60



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FILE NAME: C-05
DESIGNED BY: ARPITA MEHER
DRAWN BY: SHIVAKUMAR
CHECKED BY: DAVID WILSON

SHEET TITLE

CIVIL

OVERALL KEY PLAN,
BORING LOCATIONS,
SITE CONTROL,
& EASEMENTS

SCALE: AS SHOWN

C-05

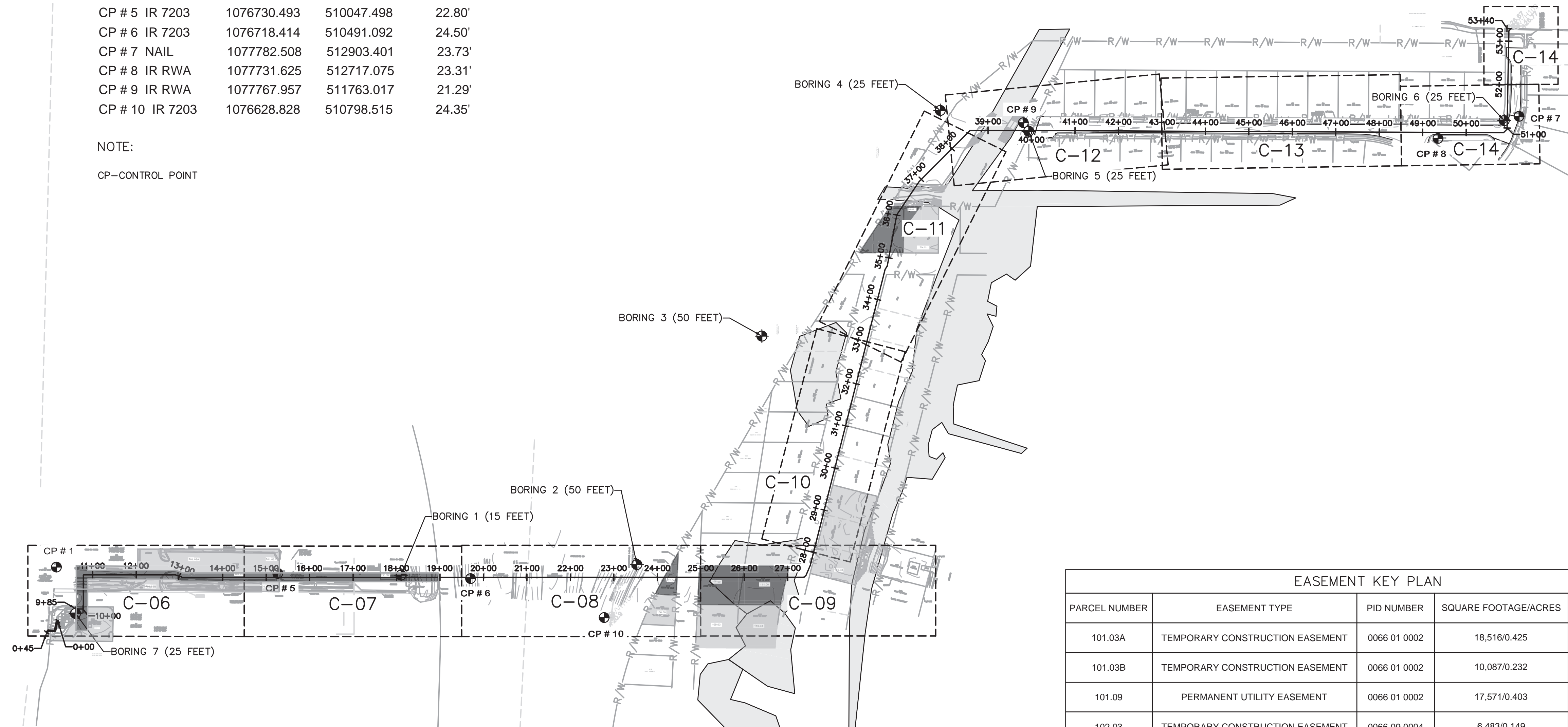
SHEET 09 OF 60

SITE CONTROL

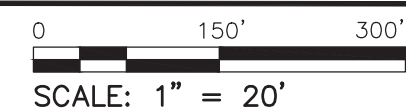
DESIGNATION	NORTHING	EASTING	ELEVATION
CP # 1 IR 7203	1076745.005	509538.275	23.45'
CP # 5 IR 7203	1076730.493	510047.498	22.80'
CP # 6 IR 7203	1076718.414	510491.092	24.50'
CP # 7 NAIL	1077782.508	512903.401	23.73'
CP # 8 IR RWA	1077731.625	512717.075	23.31'
CP # 9 IR RWA	1077767.957	511763.017	21.29'
CP # 10 IR 7203	1076628.828	510798.515	24.35'

NOTE:

CP—CONTROL POINT



OVERALL KEY PLAN



LEGEND

- SITE ACCESS
- MESIC HAMMOCKS/WATER
- PERMANENT UTILITY EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT
- FEE SIMPLE ACQUISITION

EASEMENT KEY PLAN

PARCEL NUMBER	EASEMENT TYPE	PID NUMBER	SQUARE FOOTAGE/ACRES	SHEET NUMBER
101.03A	TEMPORARY CONSTRUCTION EASEMENT	0066 01 0002	18,516/0.425	C-02, C-06, C-07
101.03B	TEMPORARY CONSTRUCTION EASEMENT	0066 01 0002	10,087/0.232	C-02, C-06, C-07
101.09	PERMANENT UTILITY EASEMENT	0066 01 0002	17,571/0.403	C-06, C-07
102.03	TEMPORARY CONSTRUCTION EASEMENT	0066 09 0004	6,483/0.149	C-02, C-06
102.09	PERMANENT UTILITY EASEMENT	0066 09 0004	2,529/0.058	C-02, C-06
103.00	FEE SIMPLE ACQUISITION	0261 04 0001	7,175/0.164	C-11
104.03	TEMPORARY CONSTRUCTION EASEMENT	0261 04 0003	7,540/0.17	C-11
104.09	PERMANENT UTILITY EASEMENT	0261 04 0003	1,100/0.03	C-11
105.03	TEMPORARY CONSTRUCTION EASEMENT	0261 05 0085	22,680/0.52	C-09, C-10
106.00	FEE SIMPLE ACQUISITION	0261 12 0015	4,413/0.101	C-08
107.00	FEE SIMPLE ACQUISITION	0261 12 0017	2,489/0.057	C-08
108.00	FEE SIMPLE ACQUISITION	0261 12 0019	8,888/0.204	C-08, C-09
109.03	TEMPORARY CONSTRUCTION EASEMENT	0261 12 0021	9,392/0.22	C-08, C-09
110.03	TEMPORARY CONSTRUCTION EASEMENT	0261 12 0047	9,210/0.21	C-09
111.00	FEE SIMPLE ACQUISITION	0261 12 0049	8,958/0.205	C-09

NOTES:

- THE CONTRACTOR IS TO ASSUME NO DIRECT ACCESS TO THE PROJECT SITE FROM FDOT I-75 RIGHT-OF-WAY AND IS TO PROVIDE CONSTRUCTION ACCESS AS NECESSARY FOR CONSTRUCTION ON THE SIDE WEST OF PHILLIPPI CREEK FROM THE EAST. CONTRACTOR IS SOLELY RESPONSIBLE FOR PROVIDING ALL MATERIALS AND NECESSARY APPURTENANCES, LABOR, AND PERMITTING EFFORTS (INCLUDE FEES) ASSOCIATED WITH THE MOVEMENT OF HEAVY EQUIPMENT AND MATERIALS FROM ONE SITE OF PHILLIPPI CREEK TO THE OTHER.

User: J05HYC4656 Spec: AUS-N53MOD File: C:\USERS\J05HYC4656\Documents\ARCADIS\AUS-30036073-HOME DEPOT_LS AND FM\PROJECT FILES\01\WIP\CIVIL\C-07.DWG Scale: 1:1 SaveDate: 12/22/2025 Time: 12:00 Plot Date: Jobhy, Chaitra: 12/22/2025 Layout: C-07

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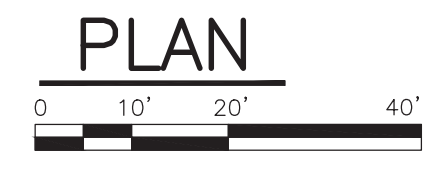
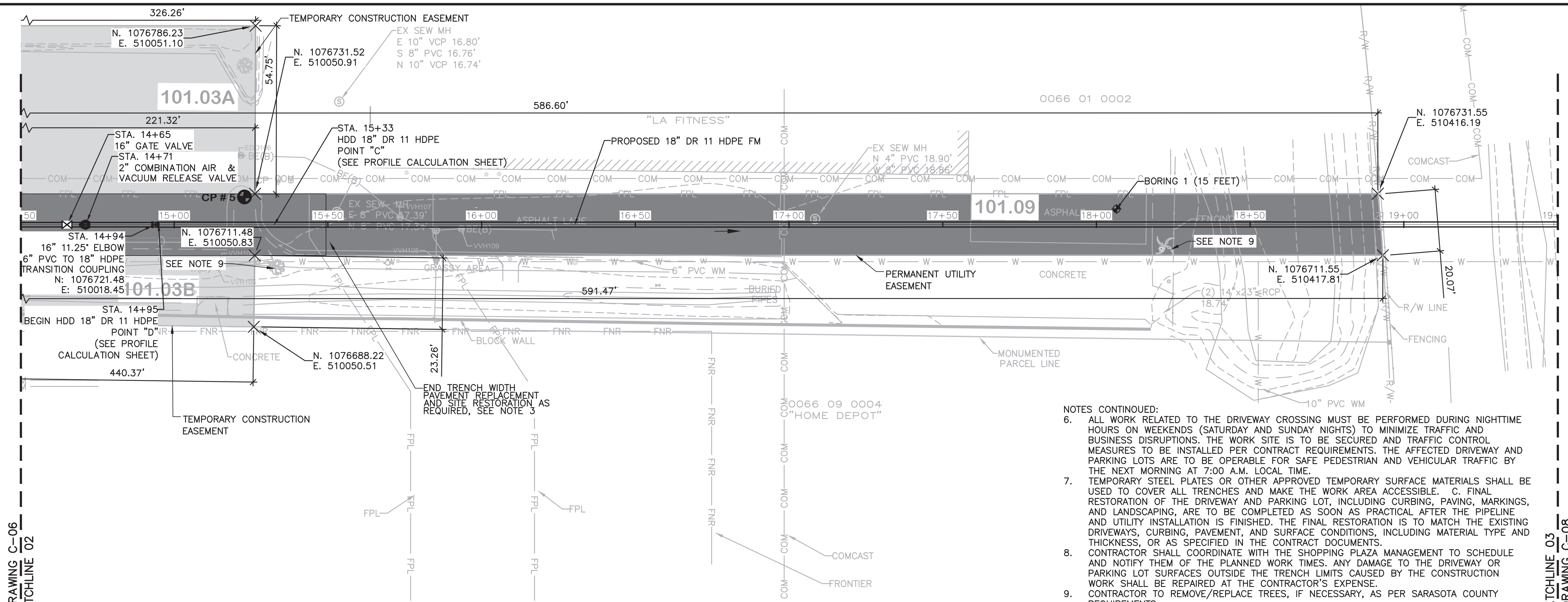
DATE: DECEMBER 2025
PROJECT NO.: 30036073
FILE NAME: C-07
DESIGNED BY: ARPITA MEHER
DRAWN BY: SHIVAKUMAR
CHECKED BY: DAVID WILSON

SHEET TITLE

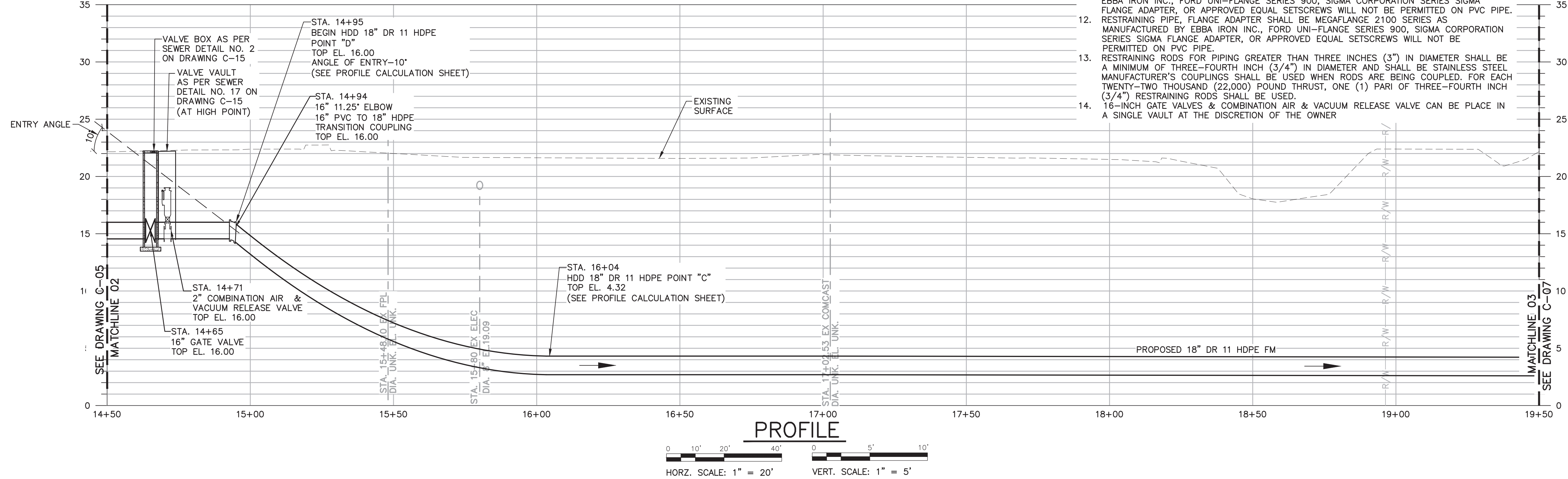
CIVIL

PLAN AND PROFILE

SCALE: AS SHOWN

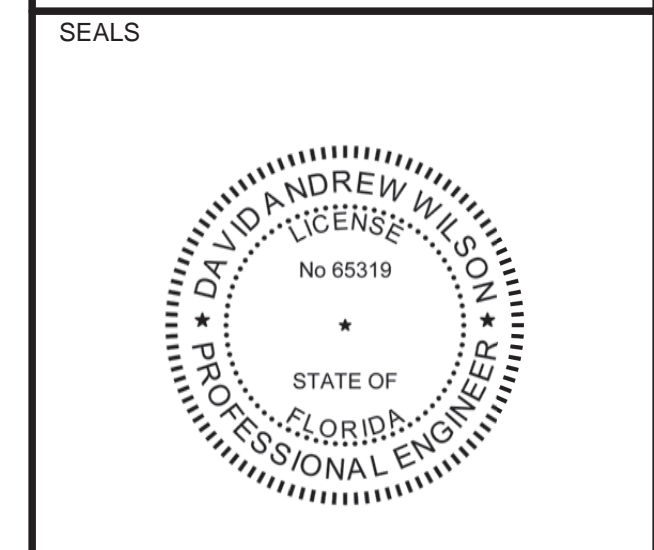


- NOTES:
- CONTRACTOR TO ENSURE THAT A NEUTRAL OR NEGATIVE UPHILL GRADE IS MAINTAINED AND PROVIDE AN AIR RELEASE OR A COMBINATION OF AIR VACUUM RELEASE VALVES INSIDE THE VAULTS AT ALL HIGH POINTS, AS APPROPRIATE.
 - FORCE MAIN SHALL BE INSTALLED WITH MINIMUM 3' OF COVER.
 - CONTRACTOR TO RESTORE THE SITE TO ORIGINAL CONDITIONS INCLUDING BUT NOT LIMITED TO REPLACEMENT OF SOD, SHRUBS, TREES, CURBS AND GUTTERS.
 - THE CONTRACTOR SHALL PROVIDE FOR THE FLOW OF THE WATER LINES AND SANITARY SEWERS, INCLUDING WATER AND SEWER SERVICE LINES, OR DRAINS INTERRUPTED DURING THE PROGRESS OF WORK AND SHALL RESTORE SAME TO A PRECONSTRUCTION CONDITION.
 - CONTRACTOR TO REVIEW THE GEOTECHNICAL REPORT SOIL PROFILES AND EVALUATE THE SOIL TYPES AS THEY RELATE TO THEIR INSTALLATION METHODS FOR THE PROJECT.



- NOTES CONTINUED:
- ALL WORK RELATED TO THE DRIVEWAY CROSSING MUST BE PERFORMED DURING NIGHTTIME HOURS ON WEEKENDS (SATURDAY AND SUNDAY NIGHTS) TO MINIMIZE TRAFFIC AND BUSINESS DISRUPTIONS. THE WORK SITE IS TO BE SECURED AND TRAFFIC CONTROL MEASURES TO BE INSTALLED PER CONTRACT REQUIREMENTS. THE AFFECTED DRIVEWAY AND PARKING LOTS ARE TO BE OPERABLE FOR SAFE PEDESTRIAN AND VEHICULAR TRAFFIC BY THE NEXT MORNING AT 7:00 A.M. LOCAL TIME.
 - TEMPORARY STEEL PLATES OR OTHER APPROVED TEMPORARY SURFACE MATERIALS SHALL BE USED TO COVER ALL TRENCHES AND MAKE THE WORK AREA ACCESSIBLE. C. FINAL RESTORATION OF THE DRIVEWAY AND PARKING LOT, INCLUDING CURBING, PAVING, MARKINGS, AND LANDSCAPING, ARE TO BE COMPLETED AS SOON AS PRACTICAL AFTER THE PIPELINE AND UTILITY INSTALLATION IS FINISHED. THE FINAL RESTORATION IS TO MATCH THE EXISTING DRIVEWAYS, CURBING, PAVEMENT, AND SURFACE CONDITIONS, INCLUDING MATERIAL TYPE AND THICKNESS, OR AS SPECIFIED IN THE CONTRACT DOCUMENTS.
 - CONTRACTOR SHALL COORDINATE WITH THE SHOPPING PLAZA MANAGEMENT TO SCHEDULE AND NOTIFY THEM OF THE PLANNED WORK TIMES. ANY DAMAGE TO THE DRIVEWAY OR PARKING LOT SURFACES OUTSIDE THE TRENCH LIMITS CAUSED BY THE CONSTRUCTION WORK SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
 - CONTRACTOR TO REMOVE/REPLACE TREES, IF NECESSARY, AS PER SARASOTA COUNTY REQUIREMENTS.
 - RESTRAINTS FOR DIP OR PVC BELL AND SPIGOT JOINTS SHALL BE UL LISTED AND OR FM APPROVED. RESTRAINTS SHALL BE EBBA IRON SERIES 1100, 1600, 2000, 2800, STAR PIPE PRODUCTS, INC, SERIES 1100, 1200, SIGMA CORPORATION SERIES SLD/SLDE, SLC/SLCE AND PVP/PWP, OR FOOD-UNI-FLANGE, SERIES 1300. FIELD-LOC OR FAST GRIP TYPE GASKETS SHALL BE UL LISTED AND/OR FM APPROVED AND WILL BE CONSIDERED ON A CASE-BY-CASE BASIS AS APPROVED BY COUNTY UTILITIES.
 - RESTRAINTS FOR MECHANICAL JOINTS SHALL BE UL LISTED AND/OR FM APPROVED AND BE DESIGNED TO BE USED TO RESTRAIN PVC OR DUCTILE IRON PIPE TO MECHANICAL JOINT VALVES AND FITTINGS. THESE RESTRAINER GLANDS SHALL BE MANUFACTURED OF DUCTILE IRON PER ASTM A536. TWIST-OFF TORQUE LIMITING NUTS SHALL BE USED TO INSURE PROPER ACTUATING OF THE RESTRAINING DEVICES. THE RESTRAINING DEVICES SHALL BE DESIGNED WITH A 2:1 RATIO FACTOR OF SAFETY IN REGARD TO PRESSURE RATING AND SHALL BE "MEGALUG" SERIES 1100, 2000 AS MANUFACTURED BY EBBA IRON INC., STARGRIP FLANGE SERIES 1300, 1400, 1500, SIGMA CORPORATION SERIES SLD/SLDE AND SLC/SLCE OR APPROVED EQUAL SETSCREWS WILL NOT BE PERMITTED ON PVC PIPE. RESTRAINING PLAIN AND PIPE, FLANGE ADAPTER SHALL BE MEGAFLANGE 2100 SERIES AS MANUFACTURED BY EBBA IRON INC., FORD UNI-FLANGE SERIES 900, SIGMA CORPORATION SERIES SIGMA FLANGE ADAPTER, OR APPROVED EQUAL SETSCREWS WILL NOT BE PERMITTED ON PVC PIPE.
 - RESTRAINING PIPE, FLANGE ADAPTER SHALL BE MEGAFLANGE 2100 SERIES AS MANUFACTURED BY EBBA IRON INC., FORD UNI-FLANGE SERIES 900, SIGMA CORPORATION SERIES SIGMA FLANGE ADAPTER, OR APPROVED EQUAL SETSCREWS WILL NOT BE PERMITTED ON PVC PIPE.
 - RESTRAINING RODS FOR PIPING GREATER THAN THREE INCHES (3") IN DIAMETER SHALL BE A MINIMUM OF THREE-FOURTH INCH (3/4") IN DIAMETER AND SHALL BE STAINLESS STEEL MANUFACTURER'S COUPLINGS SHALL BE USED WHEN RODS ARE BEING COUPLED. FOR EACH TWENTY-TWO THOUSAND (22,000) POUND THRUST, ONE (1) PAIR OF THREE-FOURTH INCH (3/4") RESTRAINING RODS SHALL BE USED.
 - 16-INCH GATE VALVES & COMBINATION AIR & VACUUM RELEASE VALVE CAN BE PLACE IN A SINGLE VAULT AT THE DISCRETION OF THE OWNER

User: J05HYC4656 Spec: AUS-NCSMOD File: C:\USERS\J05HYC4656\DC\PROJECTS\ARCADIS\AUS-30036073-HOME DEPOT_LS AND FM\PROJECT FILES\0_WIP\CIVIL\C-08.DWG Scale: 1:1 SaveDate: 12/22/2025 Time: 12:01 Plot Date: Jobby, Chaitra: 12/22/2025 12:38 : Layout: C-08



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SARASOTA COUNTY PUBLIC UTILITIES DEPARTMENT

HOME DEPOT MPS AND FM

100% BID SUBMITTAL

1	DEC 2025	100% BID PLANS	DW
NO.	DATE	ISSUED FOR	BY

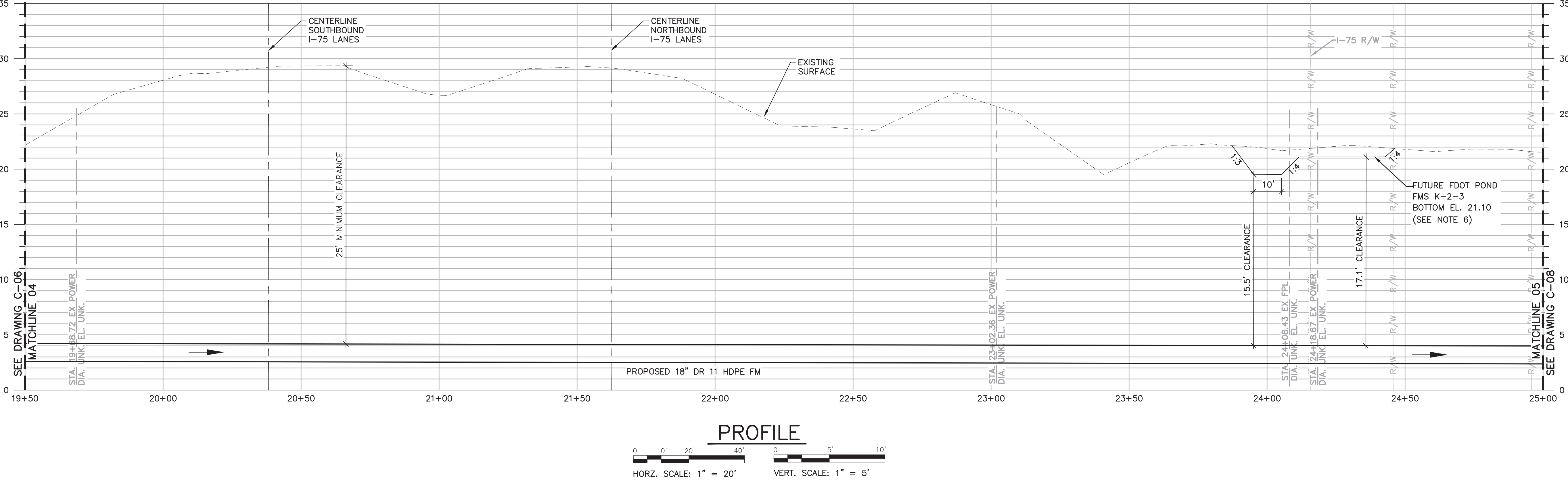
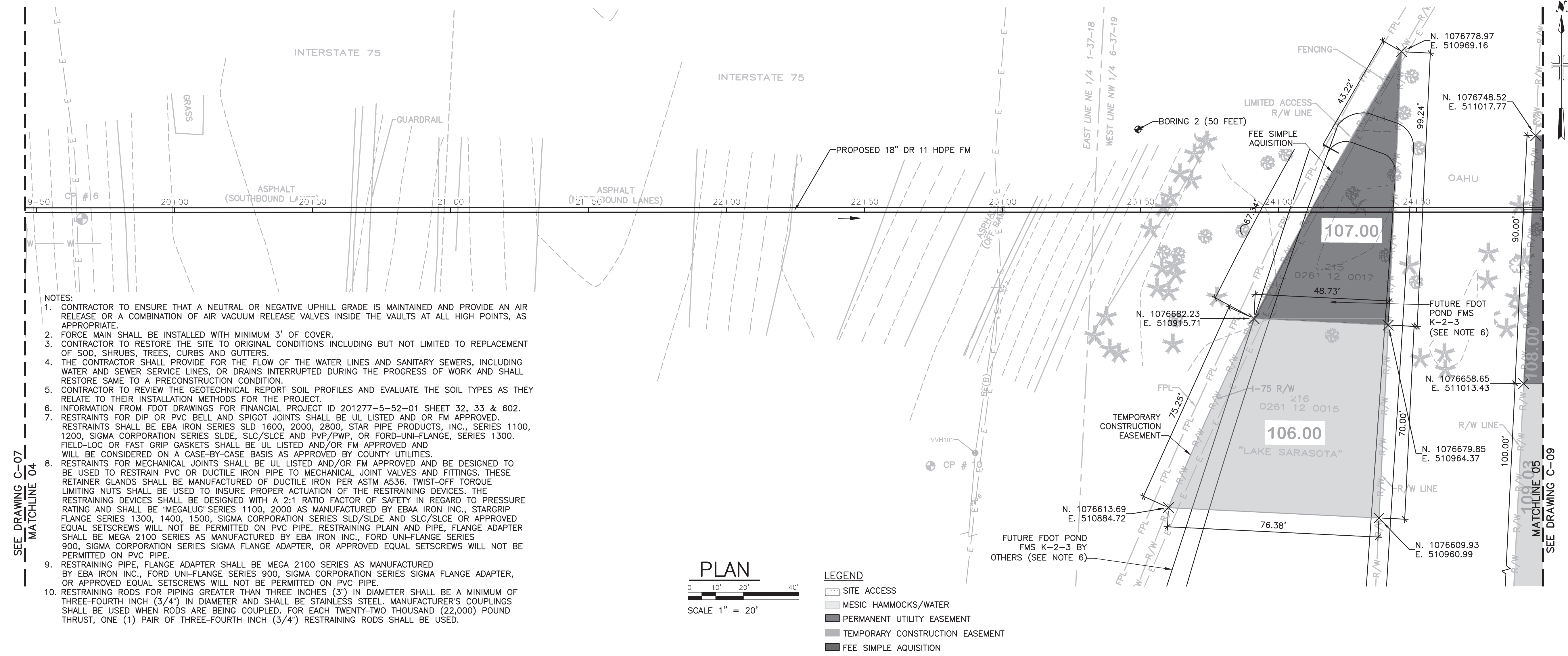
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DATE:	DECEMBER 2025
PROJECT NO.:	30036073
FILE NAME:	C-08
DESIGNED BY:	ARPIA MEHER
DRAWN BY:	SHIVAKUMAR
CHECKED BY:	DAVID WILSON

SHEET TITLE
CIVIL

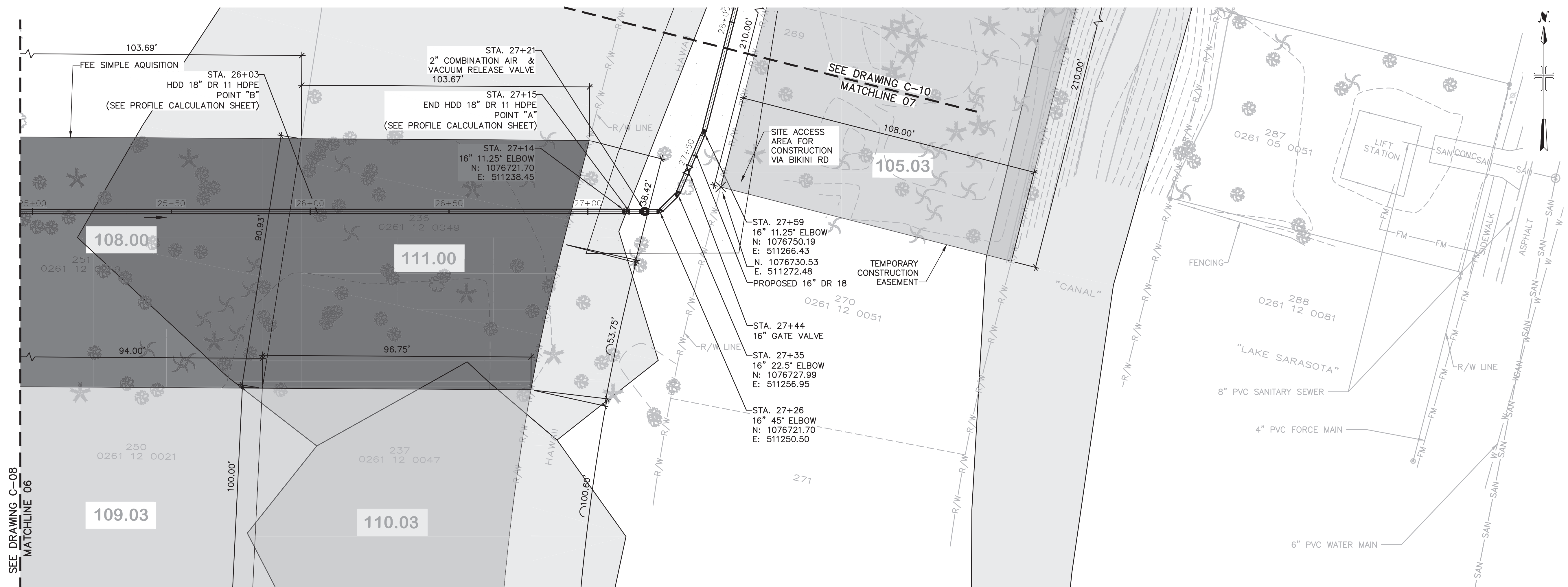
PLAN AND PROFILE

SCALE: AS SHOWN



- NOTES:
- CONTRACTOR TO ENSURE THAT A NEUTRAL OR NEGATIVE UPHILL GRADE IS MAINTAINED AND PROVIDE AN AIR RELEASE OR A COMBINATION OF AIR VACUUM RELEASE VALVES INSIDE THE VAULTS AT ALL HIGH POINTS, AS APPROPRIATE.
 - FORCE MAIN SHALL BE INSTALLED WITH MINIMUM 3' OF COVER.
 - CONTRACTOR TO RESTORE THE SITE TO ORIGINAL CONDITIONS INCLUDING BUT NOT LIMITED TO REPLACEMENT OF SOD, SHRUBS, TREES, CURBS AND GUTTERS.
 - THE CONTRACTOR SHALL PROVIDE FOR THE FLOW OF THE WATER LINES AND SANITARY SEWERS, INCLUDING WATER AND SEWER SERVICE LINES, OR DRAINS INTERRUPTED DURING THE PROGRESS OF WORK AND SHALL RESTORE SAME TO A PRECONSTRUCTION CONDITION.
 - CONTRACTOR TO REVIEW THE GEOTECHNICAL REPORT SOIL PROFILES AND EVALUATE THE SOIL TYPES AS THEY RELATE TO THEIR INSTALLATION METHODS FOR THE PROJECT.
 - INFORMATION FROM FDOT DRAWINGS FOR FINANCIAL PROJECT ID 201277-5-52-01 SHEET 32, 33 & 602.
 - RESTRAINTS FOR DIP OR PVC BELL AND SPIGOT JOINTS SHALL BE UL LISTED AND OR FM APPROVED. RESTRAINTS SHALL BE EBA IRON SERIES SLD 1600, 2000, 2800, STAR PIPE PRODUCTS, INC., SERIES 1100, 1200, SIGMA CORPORATION SERIES SLDE, SLC/SLCE AND PVP/PWP, OR FORD-UNI-FLANGE, SERIES 1300. FIELD-LOC OR FAST GRIP GASKETS SHALL BE UL LISTED AND/OR FM APPROVED AND WILL BE CONSIDERED ON A CASE-BY-CASE BASIS AS APPROVED BY COUNTY UTILITIES.
 - RESTRAINTS FOR MECHANICAL JOINTS SHALL BE UL LISTED AND/OR FM APPROVED AND BE DESIGNED TO BE USED TO RESTRAIN PVC OR DUCTILE IRON PIPE TO MECHANICAL JOINT VALVES AND FITTINGS. THESE RETAINER GLANDS SHALL BE MANUFACTURED OF DUCTILE IRON PER ASTM A536. TWIST-OFF TORQUE LIMITING NUTS SHALL BE USED TO INSURE PROPER ACTUATION OF THE RESTRAINING DEVICES. THE RESTRAINING DEVICES SHALL BE DESIGNED WITH A 2:1 RATIO FACTOR OF SAFETY IN REGARD TO PRESSURE RATING AND SHALL BE "MEGALUG" SERIES 1100, 2000 AS MANUFACTURED BY EBAA IRON INC., STARGRIP FLANGE SERIES 1300, 1400, 1500, SIGMA CORPORATION SERIES SLD/SLDE AND SLC/SLCE OR APPROVED EQUAL SETSCREWS WILL NOT BE PERMITTED ON PVC PIPE. RESTRAINING PLAIN AND PIPE, FLANGE ADAPTER SHALL BE MEGA 2100 SERIES AS MANUFACTURED BY EBA IRON INC., FORD UNI-FLANGE SERIES 900, SIGMA CORPORATION SERIES SIGMA FLANGE ADAPTER, OR APPROVED EQUAL SETSCREWS WILL NOT BE PERMITTED ON PVC PIPE.
 - RESTRAINING PIPE, FLANGE ADAPTER SHALL BE MEGA 2100 SERIES AS MANUFACTURED BY EBA IRON INC., FORD UNI-FLANGE SERIES 900, SIGMA CORPORATION SERIES SIGMA FLANGE ADAPTER, OR APPROVED EQUAL SETSCREWS WILL NOT BE PERMITTED ON PVC PIPE.
 - RESTRAINING RODS FOR PIPING GREATER THAN THREE INCHES (3") IN DIAMETER SHALL BE A MINIMUM OF THREE-FOURTH INCH (3/4") IN DIAMETER AND SHALL BE STAINLESS STEEL. MANUFACTURER'S COUPLINGS SHALL BE USED WHEN RODS ARE BEING COUPLED. FOR EACH TWENTY-TWO THOUSAND (22,000) POUND THRUST, ONE (1) PAIR OF THREE-FOURTH INCH (3/4") RESTRAINING RODS SHALL BE USED.

User: 05HYC4656 Spec: AUS-NSM000 File: C:\USERS\05HYC4656\DC\PROJECTS\ARCADIS\AUS-30036073-HOME DEPOT_LS AND FM\PROJECT FILES\05HYC4656-DWG Scale: 1:1 SaveDate: 12/22/2025 Time: 12:38 Layout: C-09



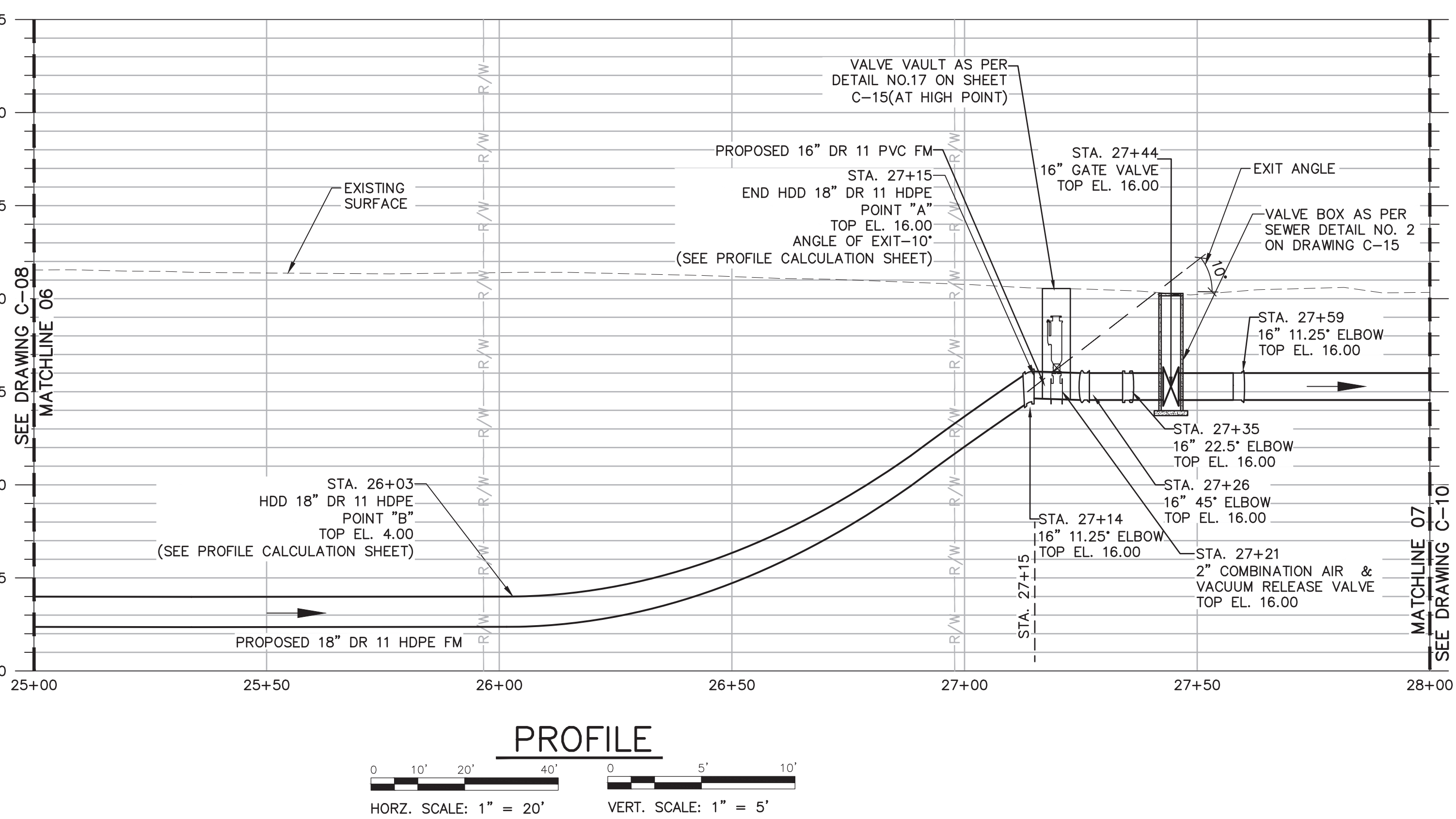
PLAN

0 10' 20' 40'

SCALE 1" = 20'-0"

LEGEND

- SITE ACCESS
- MESIC HAMMOCKS/WATER
- PERMANENT UTILITY EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT
- FEE SIMPLE ACQUISITION



PROFILE

0 10' 20' 40' 0 5' 10'

HORZ. SCALE: 1" = 20' VERT. SCALE: 1" = 5'

- NOTES:**
- CONTRACTOR TO ENSURE THAT A NEUTRAL OR NEGATIVE UPHILL GRADE IS MAINTAINED AND PROVIDE AN AIR RELEASE OR A COMBINATION OF AIR VACUUM RELEASE VALVES INSIDE THE VAULTS AT ALL HIGH POINTS, AS APPROPRIATE.
 - FORCE MAIN SHALL BE INSTALLED WITH MINIMUM 3' OF COVER.
 - CONTRACTOR TO RESTORE THE SITE TO ORIGINAL CONDITIONS INCLUDING BUT NOT LIMITED TO REPLACEMENT OF SOD, SHRUBS, TREES, CURBS AND GUTTERS.
 - THE CONTRACTOR SHALL PROVIDE FOR THE FLOW OF THE WATER LINES AND SANITARY SEWERS, INCLUDING WATER AND SEWER SERVICE LINES, OR DRAINS INTERRUPTED DURING THE PROGRESS OF WORK AND SHALL RESTORE SAME TO A PRECONSTRUCTION CONDITION.
 - CONTRACTOR TO REVIEW THE GEOTECHNICAL REPORT SOIL PROFILES AND EVALUATE THE SOIL TYPES AS THEY RELATE TO THEIR INSTALLATION METHODS FOR THE PROJECT.
 - THE CONTRACTOR IS TO ASSUME NO DIRECT ACCESS TO THE PROJECT SITE FROM FDOT I-75 RIGHT-OF-WAY AND IS TO PROVIDE CONSTRUCTION ACCESS AS NECESSARY FOR CONSTRUCTION ON THE SIDE WEST OF PHILLIPPI CREEK FROM THE EAST. CONTRACTOR IS SOLELY RESPONSIBLE FOR PROVIDING ALL MATERIALS AND NECESSARY APPURTENANCES, LABOR, AND PERMITTING EFFORTS (INCLUDE FEES) ASSOCIATED WITH THE MOVEMENT OF HEAVY EQUIPMENT AND MATERIALS FROM ONE SITE OF PHILLIPPI CREEK TO THE OTHER.
 - RESTRAINTS FOR DIP OR PVC BELL AND SPIGOT JOINTS SHALL BE UL LISTED AND OR FM APPROVED. RESTRAINTS SHALL BE EBBA IRON SERIES 1100, 1600, 2000, 2800, STAR PIPE PRODUCTS, INC, SERIES 1100, 1200, SIGMA CORPORATION SERIES SLD/SLDE, SLC/SLCE AND PVP/PWP, OR FOOD-UNI-FLANGE, SERIES 1300. FIELD-LOC OR FAST GRIPTYPE GASKETS SHALL BE UL LISTED AND/OR FM APPROVED AND WILL BE CONSIDERED ON A CASE-BY-CASE BASIS AS APPROVED BY COUNTY UTILITIES.
 - RESTRAINTS FOR MECHANICAL JOINTS SHALL BE UL LISTED AND/OR FM APPROVED AND BE DESIGNED TO BE USED TO RESTRAIN PVC OR DUCTILE IRON PIPE TO MECHANICAL JOINT VALVES AND FITTINGS. THESE RETAINER GLANDS SHALL BE MANUFACTURED OF DUCTILE IRON PER ASTM A536. TWIST-OFF TORQUE LIMITING NUTS SHALL BE USED TO INSURE PROPER ACTUATING OF THE RESTRAINING DEVICES. THE RESTRAINING DEVICES SHALL BE DESIGNED WITH A 2:1 RATIO FACTOR OF SAFETY IN REGARD TO PRESSURE RATING AND SHALL BE "MEGALUG" SERIES 1100, 2000 AS MANUFACTURED BY EBBA IRON INC., STARGRIP FLANGE SERIES 1300, 1400, 1500, SIGMA CORPORATION SERIES SLD/SLDE AND SLC/SLCE OR APPROVED EQUAL SETSCREWS WILL NOT BE PERMITTED ON PVC PIPE. RESTRAINING PLAIN AND PIPE, FLANGE ADAPTER SHALL BE MEGAFRANGE 2100 SERIES AS MANUFACTURED BY EBBA IRON INC., FORD UNI-FLANGE SERIES 900, SIGMA CORPORATION SERIES SIGMA FLANGE ADAPTER, OR APPROVED EQUAL SETSCREWS WILL NOT BE PERMITTED ON PVC PIPE.
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Sarasota County

CONSULTANTS

ARCADIS

LEGAL ENTITY:
ARCADIS U.S., INC.

SEALS

DAVID ANDREW WILSON
LICENSE
No 65319
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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SARASOTA COUNTY, FLORIDA
SARASOTA COUNTY
PUBLIC UTILITIES
DEPARTMENT

HOME DEPOT MPS
AND FM

100% BID SUBMITTAL

1	DEC 2025	100% BID PLANS	DW
NO.	DATE	ISSUED FOR	BY

COPYRIGHT: ARCADIS U.S., INC. 2024

DATE: DECEMBER 2025

PROJECT NO.: 30036073

FILE NAME: C-09

DESIGNED BY: ARPITA MEHER

DRAWN BY: SHIVAKUMAR

CHECKED BY: DAVID WILSON

SHEET TITLE
CIVIL

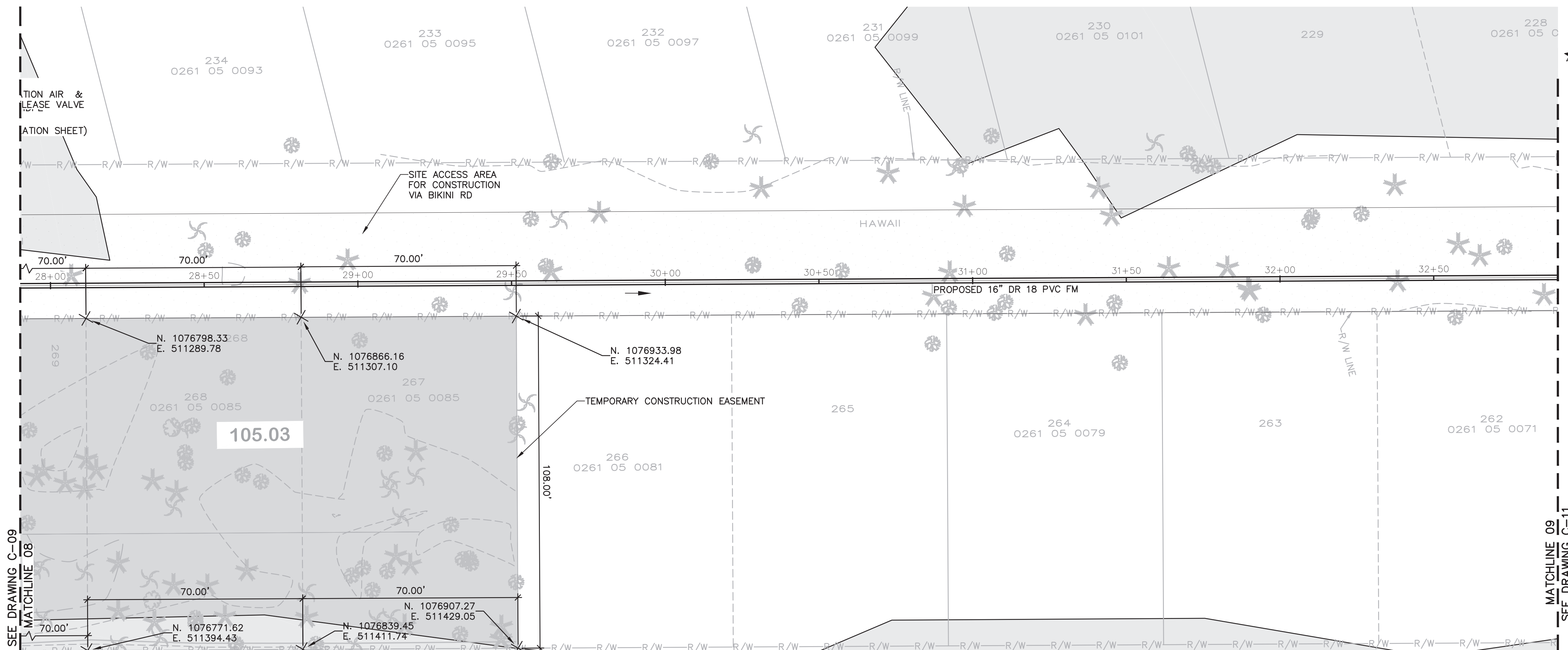
PLAN AND PROFILE

SCALE: AS SHOWN

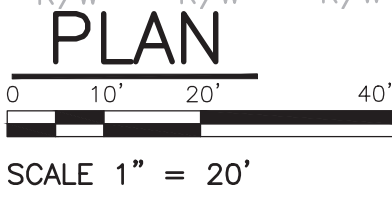
C-09

SHEET 13 OF 60

User: 05HYC4656 Spec: AUS-NSM001 File: C:\USERS\05HYC4656\DC\A0000000\ARCADIS\AUS-30036073-HOME DEPOT_LS AND FM\PROJECT FILES\05HYC4656\10.DWG Scale: 1:1 Saved Date: 12/22/2025 Time: 12:03 Plot Date: Jobby, Chaitra; 12/22/2025; 12:39; Layout: C-10

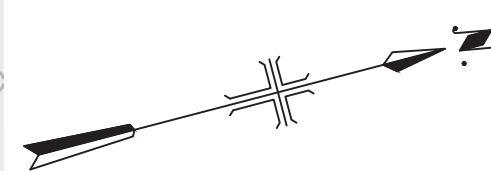
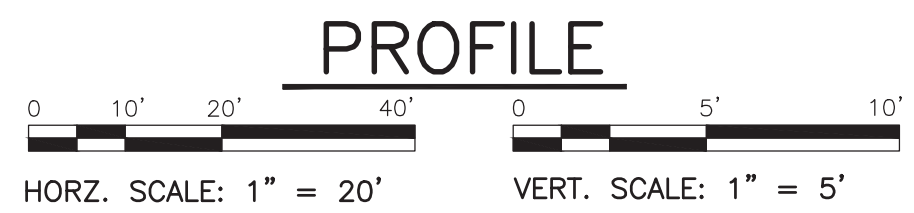
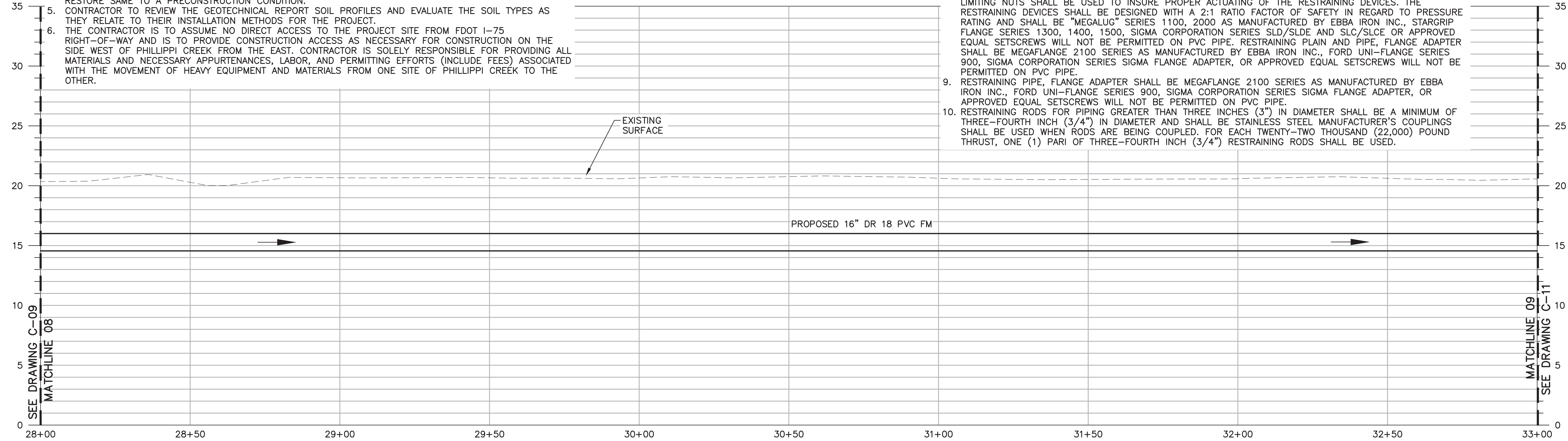


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- LEGEND**
- [Symbol] SITE ACCESS
 - [Symbol] MESIC HAMMOCKS/WATER
 - [Symbol] PERMANENT UTILITY EASEMENT
 - [Symbol] TEMPORARY CONSTRUCTION EASEMENT
 - [Symbol] FEE SIMPLE ACQUISITION

- NOTES CONTINUED:**
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SARASOTA COUNTY, FLORIDA
SARASOTA COUNTY
PUBLIC UTILITIES
DEPARTMENT

HOME DEPOT MPS
AND FM

100% BID SUBMITTAL

NO.	DATE	ISSUED FOR	BY
1	DEC 2025	100% BID PLANS	DW

COPYRIGHT: ARCADIS U.S., INC. 2024

DATE: DECEMBER 2025
PROJECT NO.: 30036073
FILE NAME: C-10
DESIGNED BY: ARPITA MEHER
DRAWN BY: SHIVAKUMAR
CHECKED BY: DAVID WILSON

SHEET TITLE

CIVIL

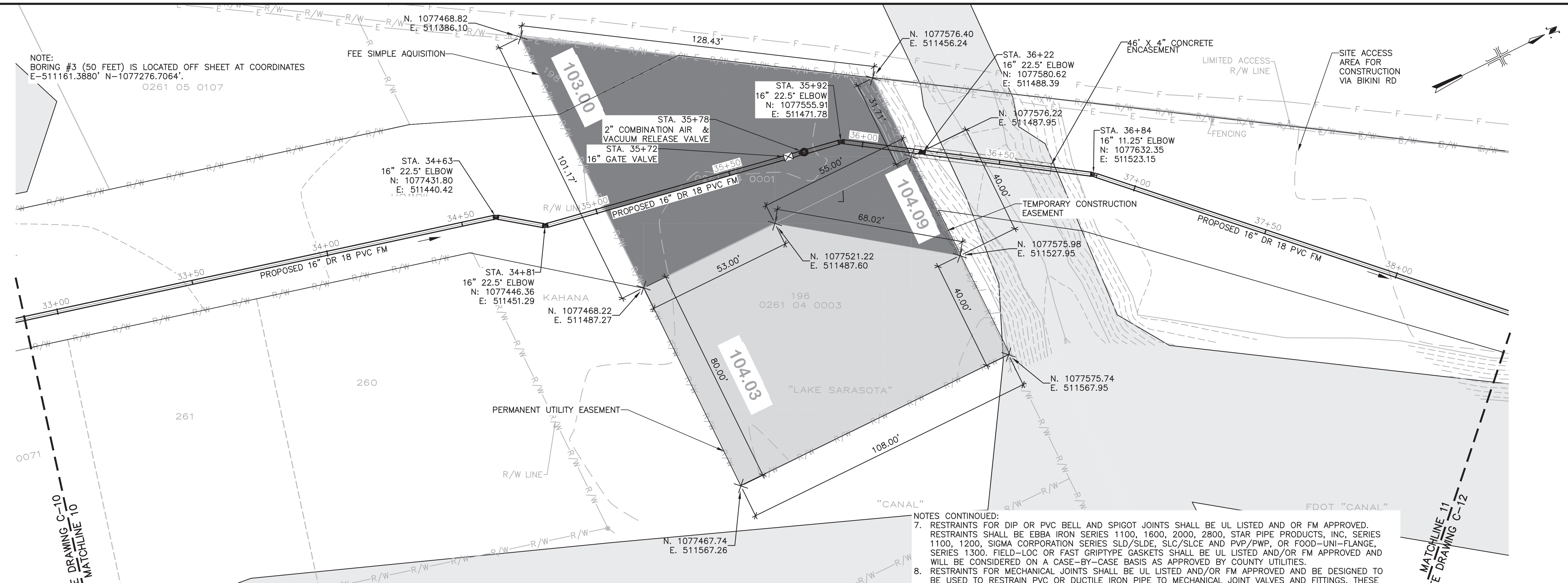
PLAN AND PROFILE

SCALE: AS SHOWN

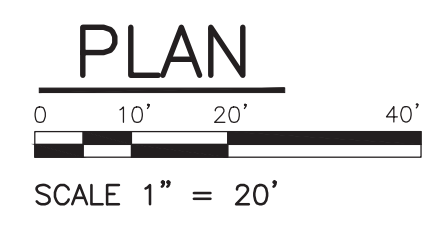
C-10
SHEET 14 OF 60

User: JOSH4656 Spec: AUS-N55MOD File: C:\USERS\JOSH4656\Documents\ARCADIS\AUS-30036073-HOME DEPOT_LS AND FM\PROJECT FILES\DWG\CIVIL\C-11.DWG Scale: 1:1 SavedDate: 12/22/2025 Time: 12:38 Plot Date: Joshy, Chaitra; 12/22/2025; 13:02; Layout: C-11

NOTE:
BORING #3 (50 FEET) IS LOCATED OFF SHEET AT COORDINATES
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0261 05 0107

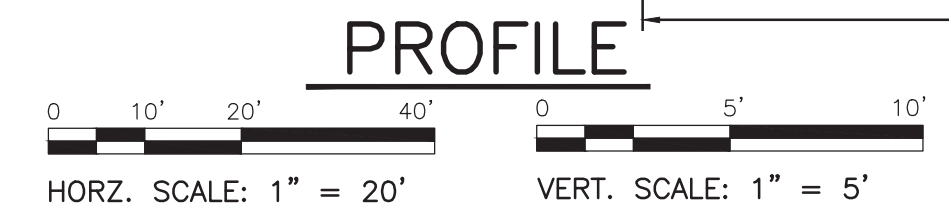
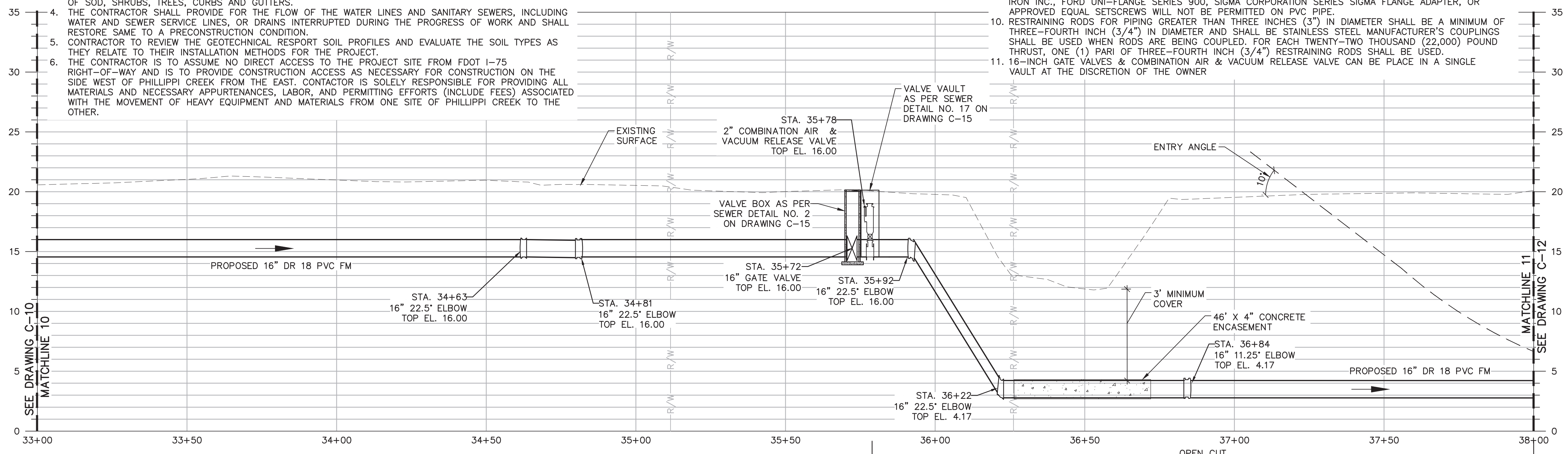


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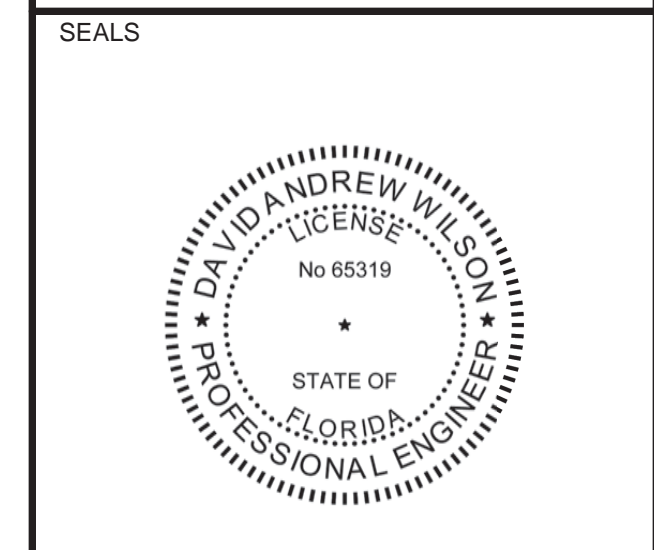


- LEGEND**
- MESIC HAMMOCKS/WATER
 - PERMANENT UTILITY EASEMENT
 - TEMPORARY CONSTRUCTION EASEMENT
 - FEE SIMPLE ACQUISITION

- NOTES CONTINUED:**
- RESTRAINTS FOR DIP OR PVC BELL AND SPIGOT JOINTS SHALL BE UL LISTED AND OR FM APPROVED. RESTRAINTS SHALL BE EBBA IRON SERIES 1100, 1600, 2000, 2800, STAR PIPE PRODUCTS, INC, SERIES 1100, 1200, SIGMA CORPORATION SERIES SLD/SLDE, SLC/SLCE AND PVP/PWP, OR FOOD-UNI-FLANGE, SERIES 1300. FIELD-LOC OR FAST GRIPTYPE GASKETS SHALL BE UL LISTED AND/OR FM APPROVED AND WILL BE CONSIDERED ON A CASE-BY-CASE BASIS AS APPROVED BY COUNTY UTILITIES.
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 - 16-INCH GATE VALVES & COMBINATION AIR & VACUUM RELEASE VALVE CAN BE PLACE IN A SINGLE VAULT AT THE DISCRETION OF THE OWNER



CONSULTANTS
ARCADIS
LEGAL ENTITY:
ARCADIS U.S., INC.



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SARASOTA COUNTY
PUBLIC UTILITIES
DEPARTMENT

HOME DEPOT MPS
AND FM

100% BID SUBMITTAL

NO.	DATE	ISSUED FOR	BY
1	DEC 2025	100% BID PLANS	DW

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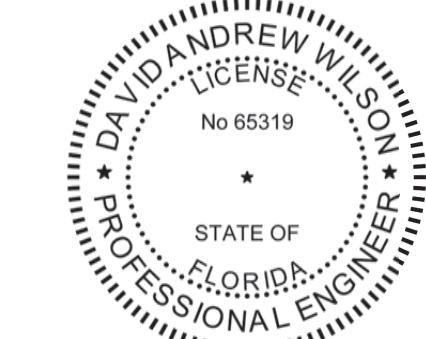
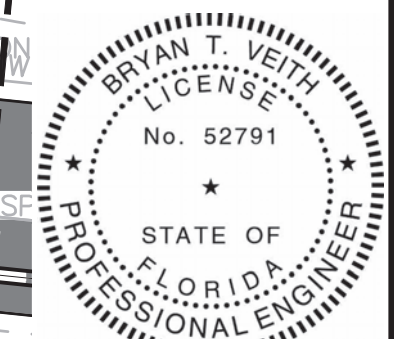
DATE: DECEMBER 2025
PROJECT NO.: 30036073
FILE NAME: C-11
DESIGNED BY: ARPITA MEHER
DRAWN BY: SHIVAKUMAR
CHECKED BY: DAVID WILSON

SHEET TITLE
CIVIL

PLAN AND PROFILE

SCALE: AS SHOWN

C-11
SHEET 15 OF 60



SIGNING FOR WORK FROM STATION 38+00 TO 40+19.

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AND FM

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NO.	DATE	ISSUED FOR	BY
1	DEC 2025	100% BID PLANS	DW,BV

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DATE: DECEMBER 2025
PROJECT NO.: 30036073
FILE NAME: C-12
DESIGNED BY: A MEHER, S TOPOVSKI
DRAWN BY: SHIVAKUMAR
CHECKED BY: D WILSON, B VEITH

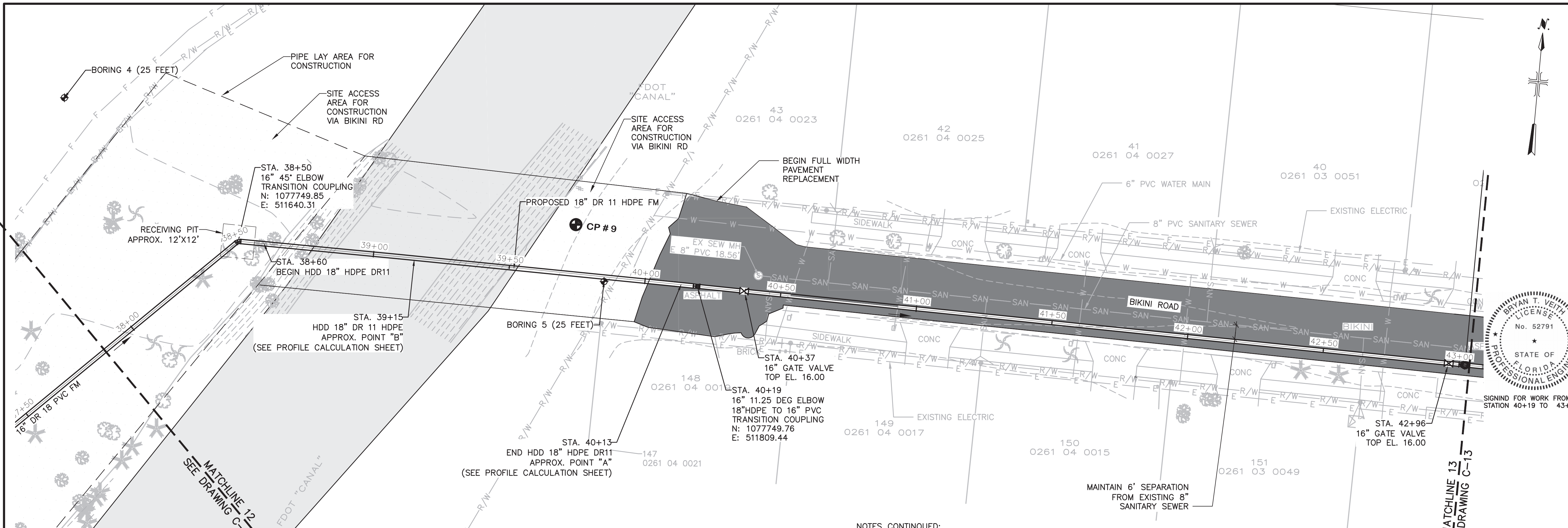
SHEET TITLE
CIVIL

PLAN AND PROFILE

SCALE: AS SHOWN

C-12

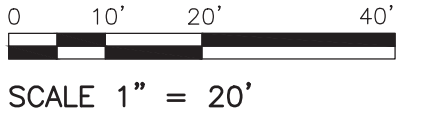
SHEET 16 OF 60



NOTES:

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- REPLACE FULL WIDTH SURFACE COURSE OF PAVEMENT ON BIKINI WAY STA 39+70 TO STA 50+75 PER REPLACEMENT OF FLEXIBLE PAVEMENT DETAIL ON DRAWING C-15.
- RESTRAINED JOINTS SHALL BE INCLUDED AT ALL FORCE MAIN FITTINGS IN ACCORDANCE WITH RESTRAINED JOINT DETAIL DRAWING C-13.
- FORCE MAIN SHALL BE INSTALLED WITH MINIMUM 3' OF COVER.
- THE CONTRACTOR SHALL PROVIDE FOR THE FLOW OF THE WATER LINES AND SANITARY SEWERS, INCLUDING WATER AND SEWER SERVICE LINES, OR DRAINS INTERRUPTED DURING THE PROGRESS OF WORK AND SHALL RESTORE SAME TO A PRECONSTRUCTION CONDITION.
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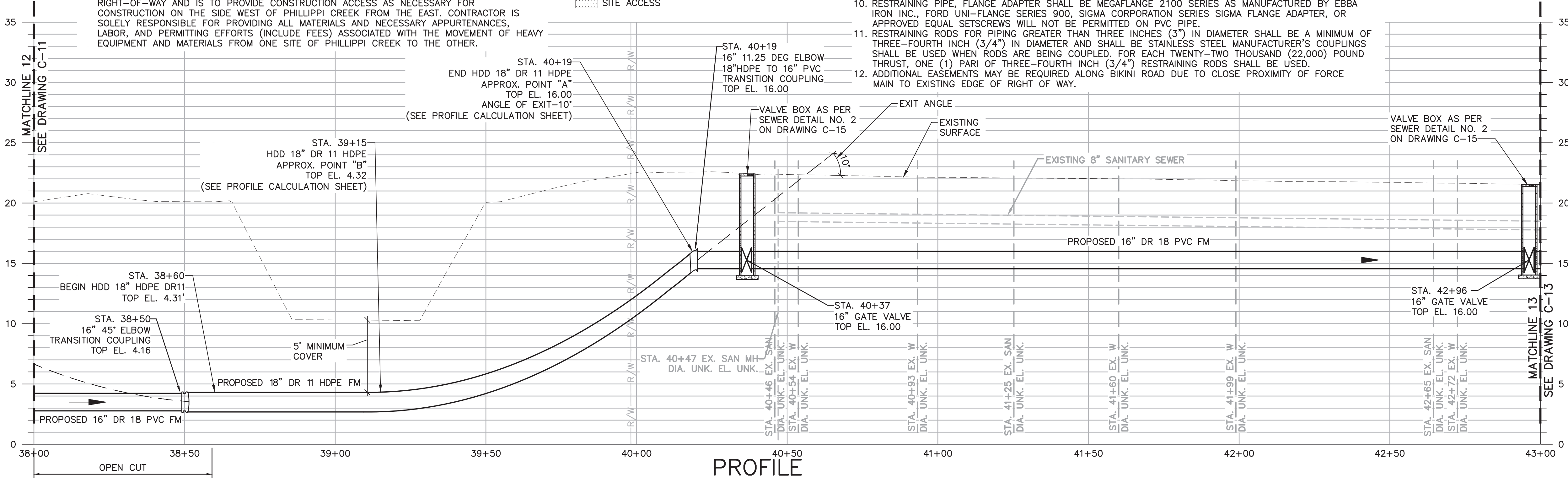
PLAN



- LEGEND
- WATERWAY
 - PAVEMENT REPLACEMENT
 - SITE ACCESS

NOTES CONTINUED:

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- ADDITIONAL EASEMENTS MAY BE REQUIRED ALONG BIKINI ROAD DUE TO CLOSE PROXIMITY OF FORCE MAIN TO EXISTING EDGE OF RIGHT OF WAY.



PROFILE





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SARASOTA COUNTY, FLORIDA
SARASOTA COUNTY
PUBLIC UTILITIES
DEPARTMENT

HOME DEPOT MPS
AND FM

100% BID SUBMITTAL

NO.	DATE	ISSUED FOR	BY
1	DEC 2025	100% BID PLANS	BY
			BY

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2024

DATE: DECEMBER 2025
PROJECT NO.: 30036073
FILE NAME: C-13
DESIGNED BY: STEVE TOPOVSKI
DRAWN BY: SHIVAKUMAR
CHECKED BY: BRYAN VEITH

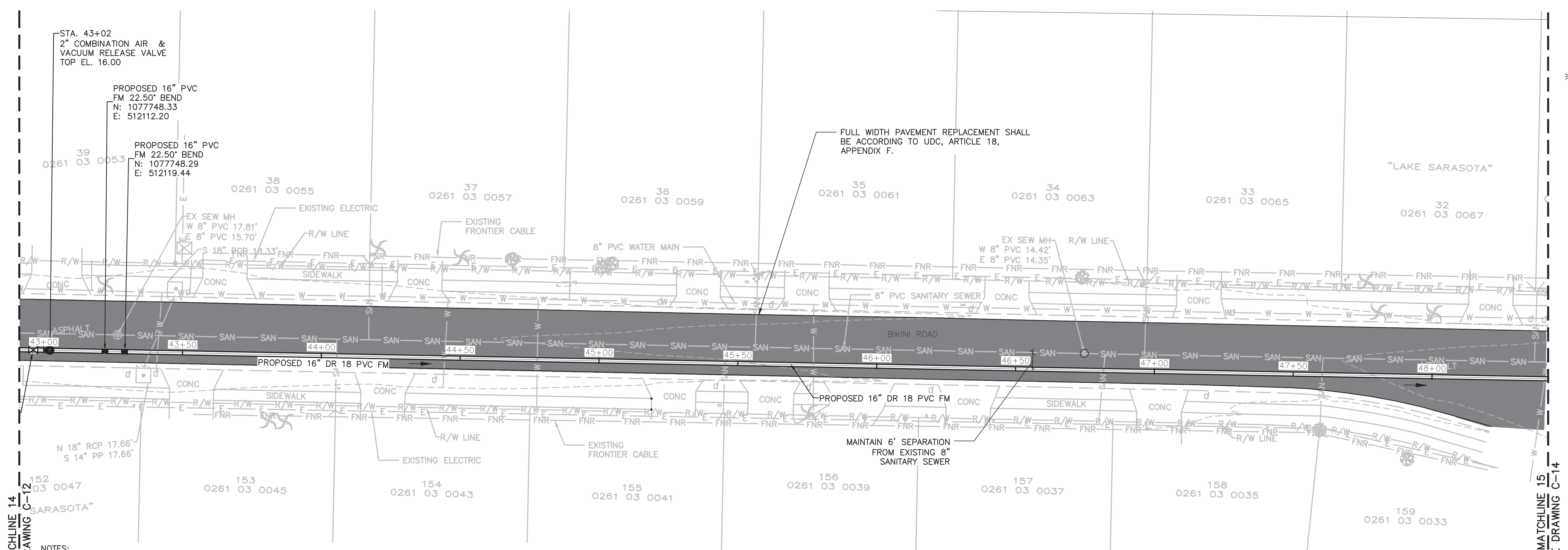
SHEET TITLE
CIVIL

PLAN AND PROFILE

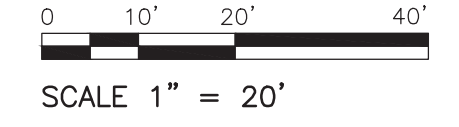
SCALE: AS SHOWN

C-13

SHEET 17 OF 60



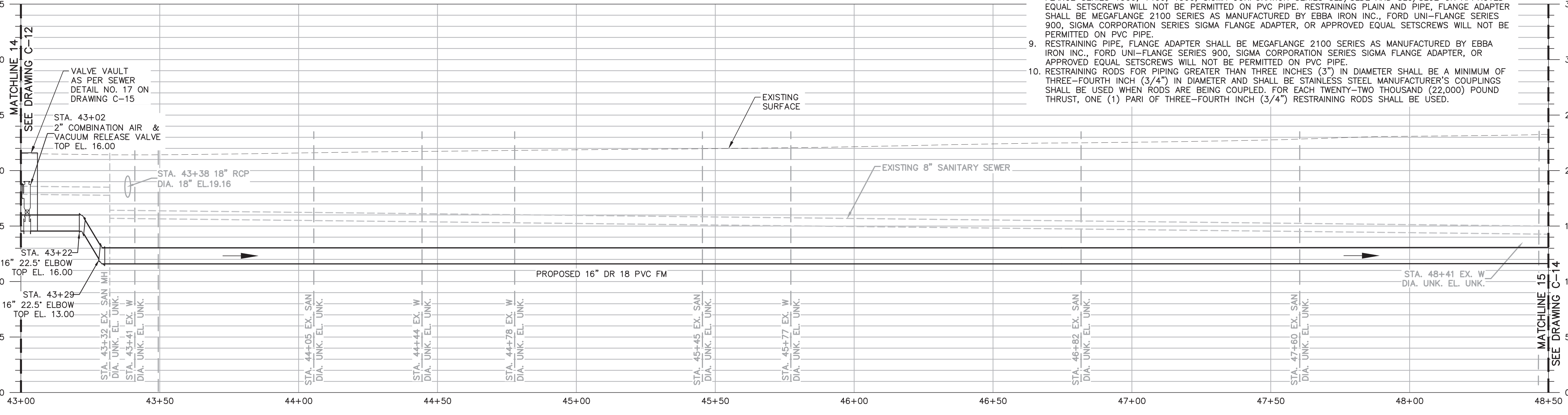
PLAN



LEGEND
 PAVEMENT REPLACEMENT
 SITE ACCESS

- NOTES:
- CONTRACTOR TO ENSURE THAT A NEUTRAL OR NEGATIVE UPHILL GRADE IS MAINTAINED AND PROVIDE AN AIR RELEASE OR A COMBINATION OF AIR VACUUM RELEASE VALVES INSIDE THE VAULTS AT ALL HIGH POINTS, AS APPROPRIATE.
 - REPLACE FULL WIDTH SURFACE COURSE OF PAVEMENT ON BIKINI WAY STA 39+70 TO STA 50+75 PER REPLACEMENT OF FLEXIBLE PAVEMENT DETAIL ON DRAWING C-15.
 - RESTRAINED JOINTS SHALL BE INCLUDED AT ALL FORCE MAIN FITTINGS IN ACCORDANCE WITH RESTRAINED JOINT DETAIL DRAWING C-13.
 - FORCE MAIN SHALL BE INSTALLED WITH MINIMUM 3' OF COVER.
 - THE CONTRACTOR SHALL PROVIDE FOR THE FLOW OF THE WATER LINES AND SANITARY SEWERS, INCLUDING WATER AND SEWER SERVICE LINES, OR DRAINS INTERRUPTED DURING THE PROGRESS OF WORK AND SHALL RESTORE SAME TO A PRECONSTRUCTION CONDITION.
 - CONTRACTOR TO REVIEW THE GEOTECHNICAL RESPORT SOIL PROFILES AND EVALUATE THE SOIL TYPES AS THEY RELATE TO THEIR INSTALLATION METHODS FOR THE PROJECT.

- NOTES CONTINUED:
- RESTRAINTS FOR DIP OR PVC BELL AND SPIGOT JOINTS SHALL BE UL LISTED AND OR FM APPROVED. RESTRAINTS SHALL BE EBBA IRON SERIES 1100, 1600, 2000, 2800, STAR PIPE PRODUCTS, INC. SERIES 1100, 1200, SIGMA CORPORATION SERIES SLD/SLDE, SLC/SLCE AND PVP/PWP, OR FOOD-UNI-FLANGE, SERIES 1300. FIELD-LOC OR FAST GRIPTYPE GASKETS SHALL BE UL LISTED AND/OR FM APPROVED AND WILL BE CONSIDERED ON A CASE-BY-CASE BASIS AS APPROVED BY COUNTY UTILITIES.
 - RESTRAINTS FOR MECHANICAL JOINTS SHALL BE UL LISTED AND/OR FM APPROVED AND BE DESIGNED TO BE USED TO RESTRAIN PVC OR DUCTILE IRON PIPE TO MECHANICAL JOINT VALVES AND FITTINGS. THESE RETAINER GLANDS SHALL BE MANUFACTURED OF DUCTILE IRON PER ASTM A536. TWIST-OFF TORQUE LIMITING NUTS SHALL BE USED TO INSURE PROPER ACTUATING OF THE RESTRAINING DEVICES. THE RESTRAINING DEVICES SHALL BE DESIGNED WITH A 2:1 RATIO FACTOR OF SAFETY IN REGARD TO PRESSURE RATING AND SHALL BE "MEGALUG" SERIES 1100, 2000 AS MANUFACTURED BY EBBA IRON INC., STARGRIP FLANGE SERIES 1300, 1400, 1500, SIGMA CORPORATION SERIES SLD/SLDE AND SLC/SLCE OR APPROVED EQUAL SETSCREWS WILL NOT BE PERMITTED ON PVC PIPE. RESTRAINING PLAIN AND PIPE, FLANGE ADAPTER SHALL BE MEGAFLLANGE 2100 SERIES AS MANUFACTURED BY EBBA IRON INC., FORD UNI-FLANGE SERIES 900, SIGMA CORPORATION SERIES SIGMA FLANGE ADAPTER, OR APPROVED EQUAL SETSCREWS WILL NOT BE PERMITTED ON PVC PIPE.
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 - RESTRAINING RODS FOR PIPING GREATER THAN THREE INCHES (3") IN DIAMETER SHALL BE A MINIMUM OF THREE-FOURTH INCH (3/4") IN DIAMETER AND SHALL BE STAINLESS STEEL MANUFACTURER'S COUPLINGS SHALL BE USED WHEN RODS ARE BEING COUPLED. FOR EACH TWENTY-TWO THOUSAND (22,000) POUND THRUST, ONE (1) PAIR OF THREE-FOURTH INCH (3/4") RESTRAINING RODS SHALL BE USED.

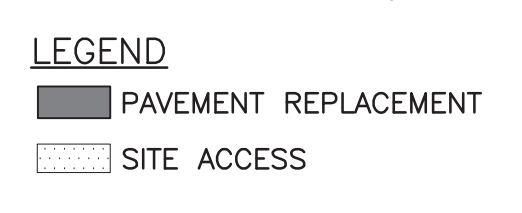
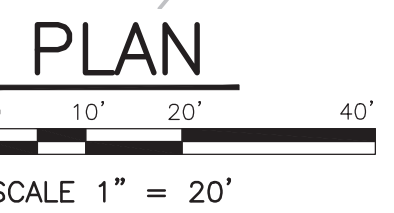
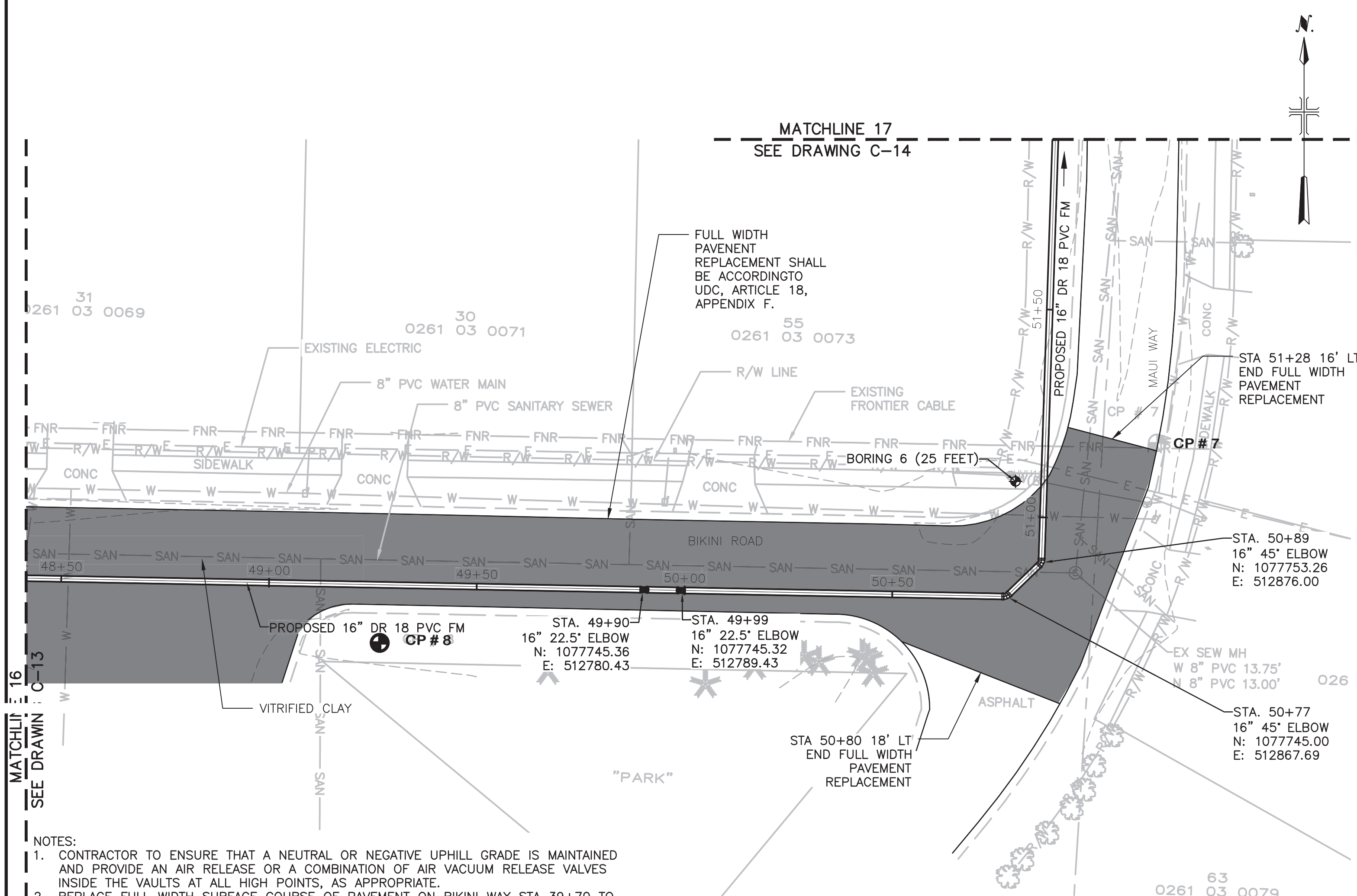


PROFILE

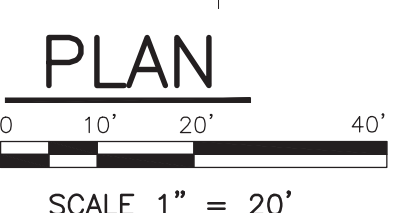
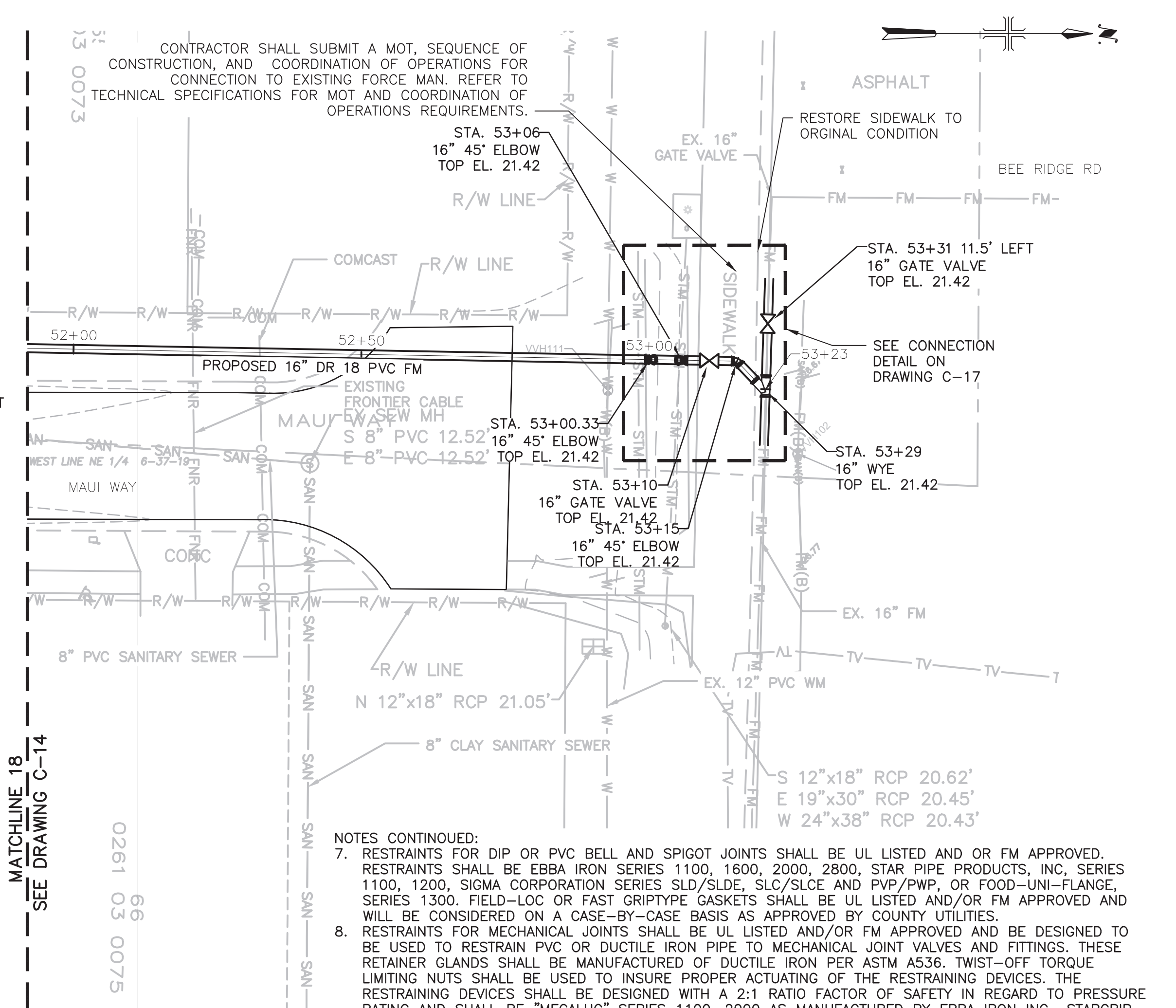
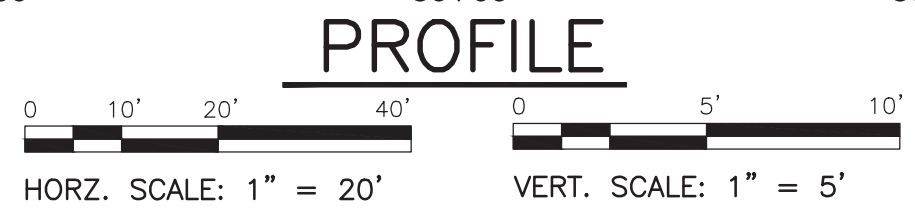
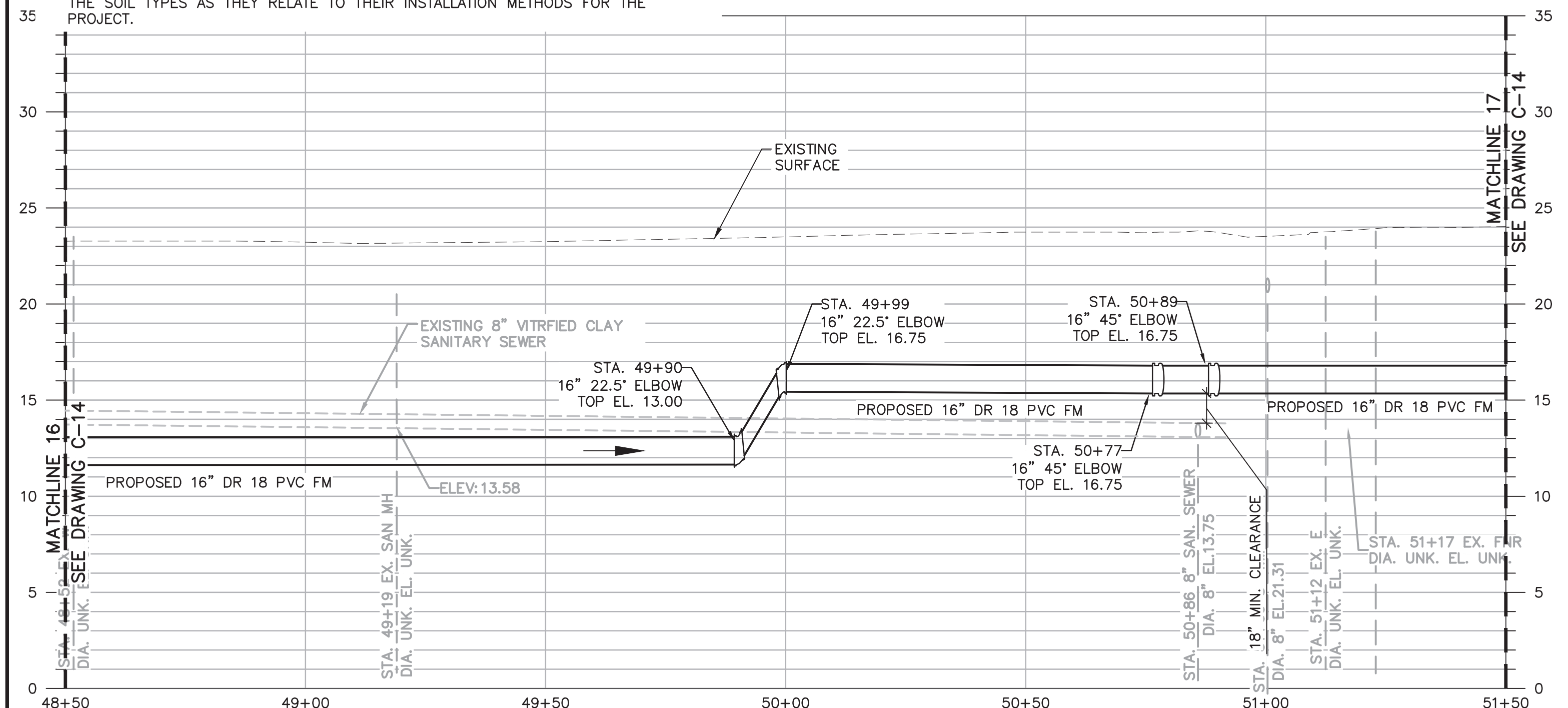


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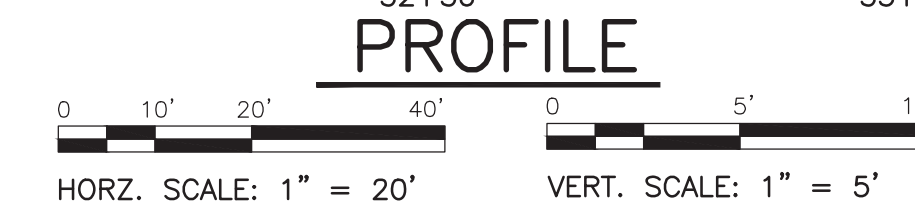
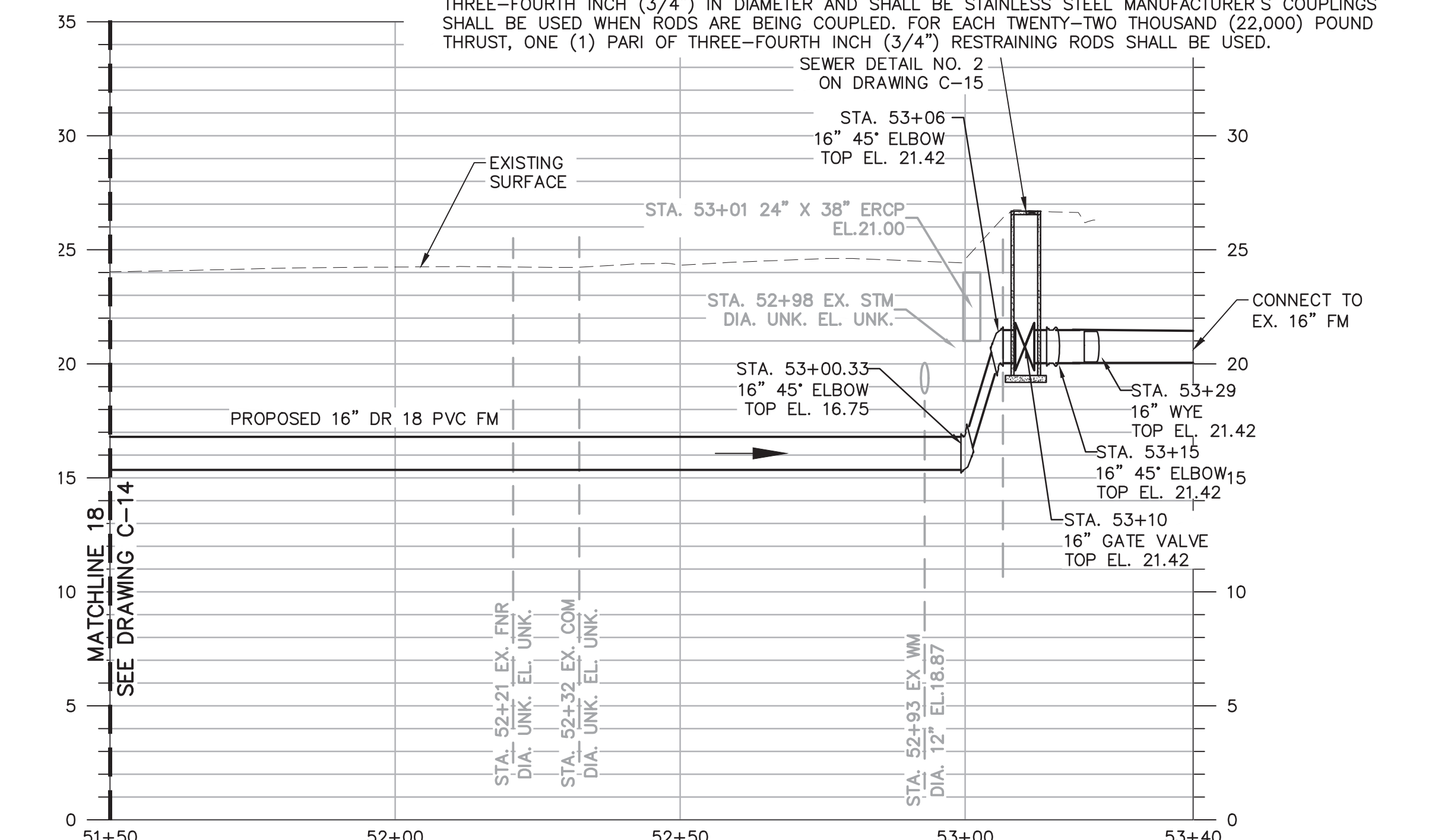
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- NOTES:**
- CONTRACTOR TO ENSURE THAT A NEUTRAL OR NEGATIVE UPHILL GRADE IS MAINTAINED AND PROVIDE AN AIR RELEASE OR A COMBINATION OF AIR VACUUM RELEASE VALVES INSIDE THE VAULTS AT ALL HIGH POINTS, AS APPROPRIATE.
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- NOTES CONTINUED:**
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Sarasota County

CONSULTANTS



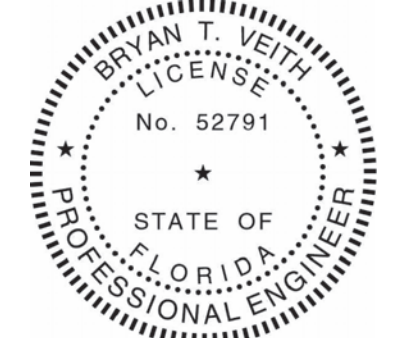
ARCADIS

LEGAL ENTITY:
ARCADIS U.S., INC.



VEITH ENGINEERING & BUSINESS SOLUTIONS

SEALS



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SARASOTA COUNTY, FLORIDA
SARASOTA COUNTY
PUBLIC UTILITIES
DEPARTMENT

HOME DEPOT MPS
AND FM

100% BID SUBMITTAL

1	DEC 2025	100% BID PLANS	BY
NO.	DATE	ISSUED FOR	BY

COPYRIGHT: ARCADIS U.S., INC. 2024

DATE: DECEMBER 2025

PROJECT NO.: 30036073

FILE NAME: C-14

DESIGNED BY: STEVE TOPOVSKI

DRAWN BY: SHIVAKUMAR

CHECKED BY: BRYAN VEITH

SHEET TITLE

CIVIL

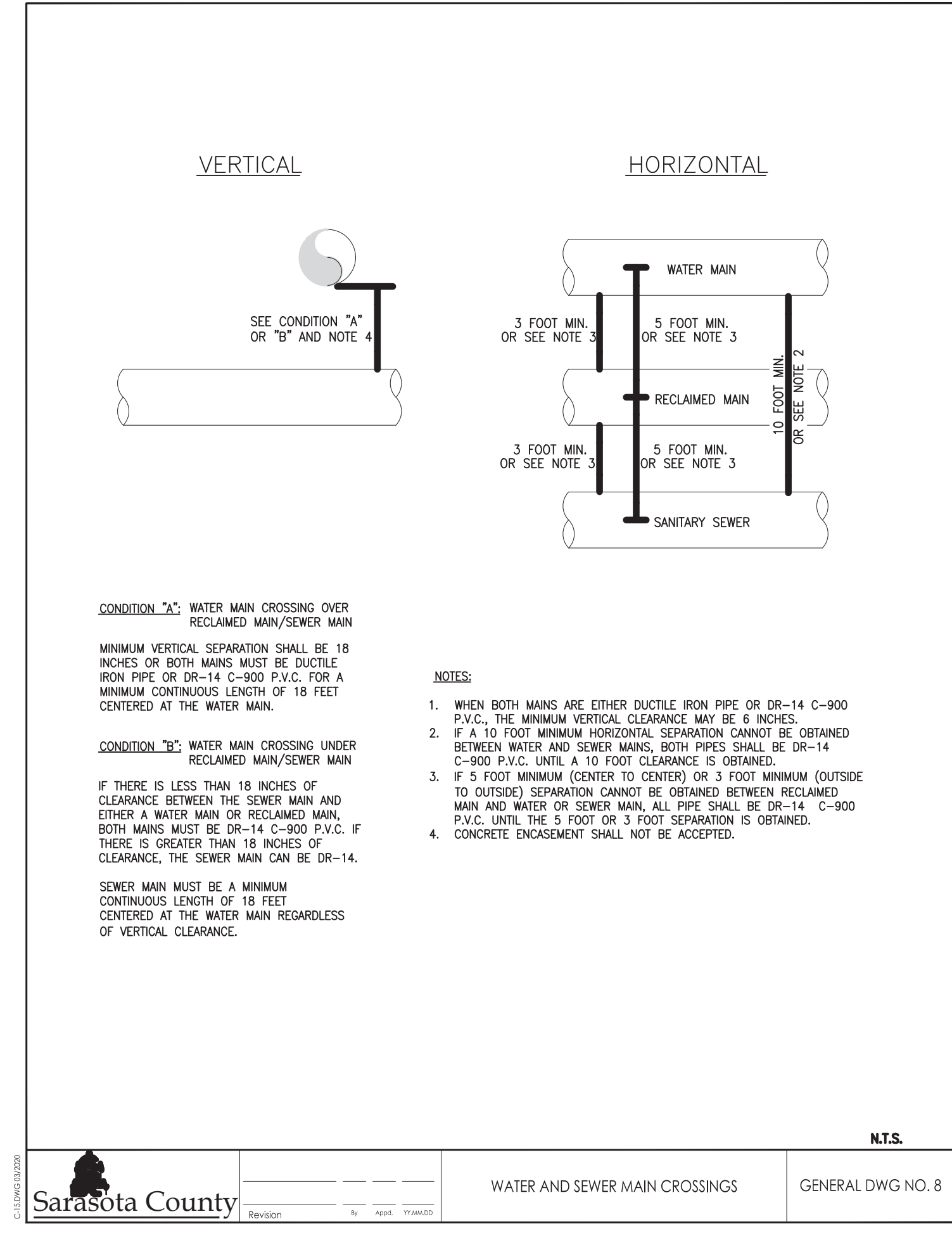
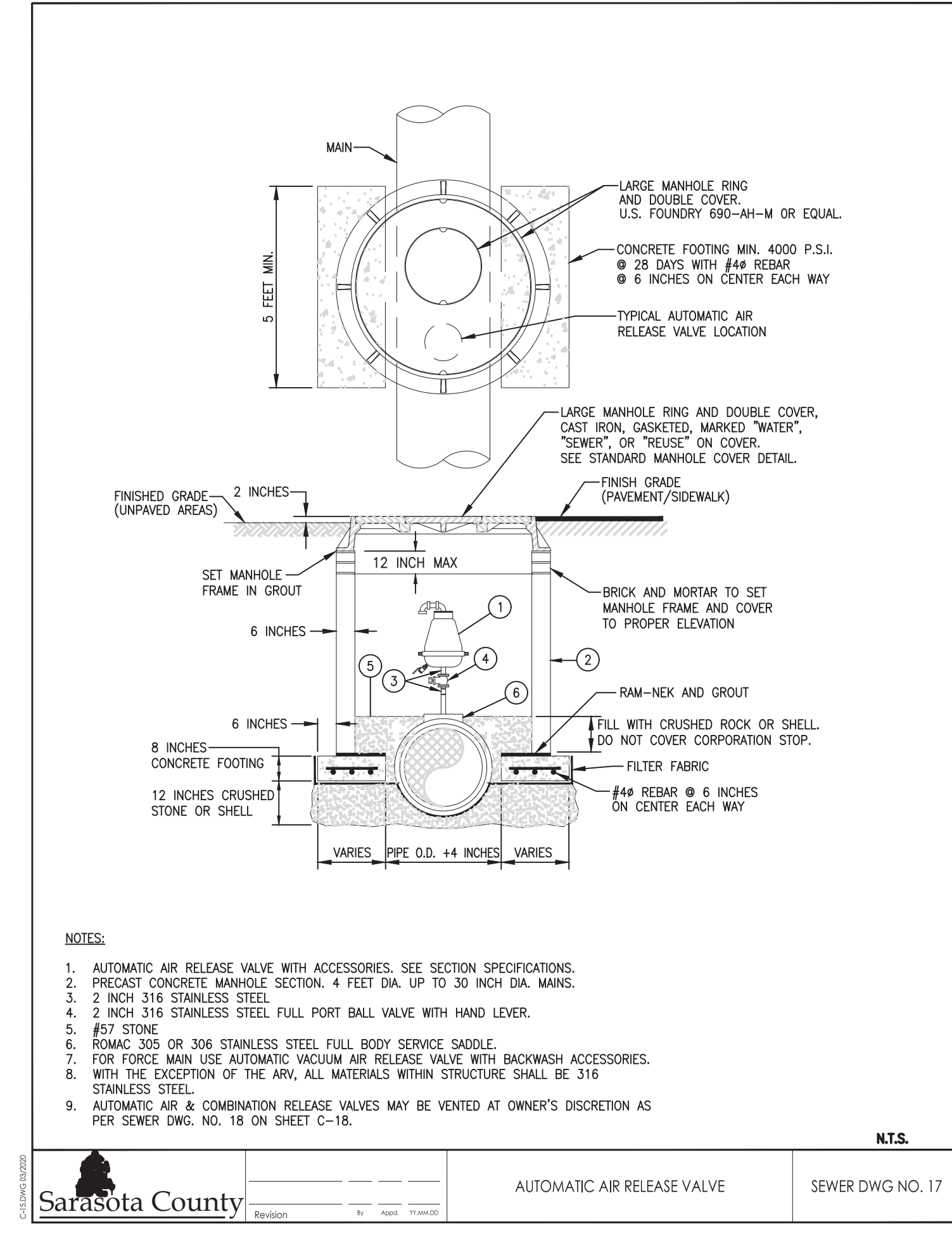
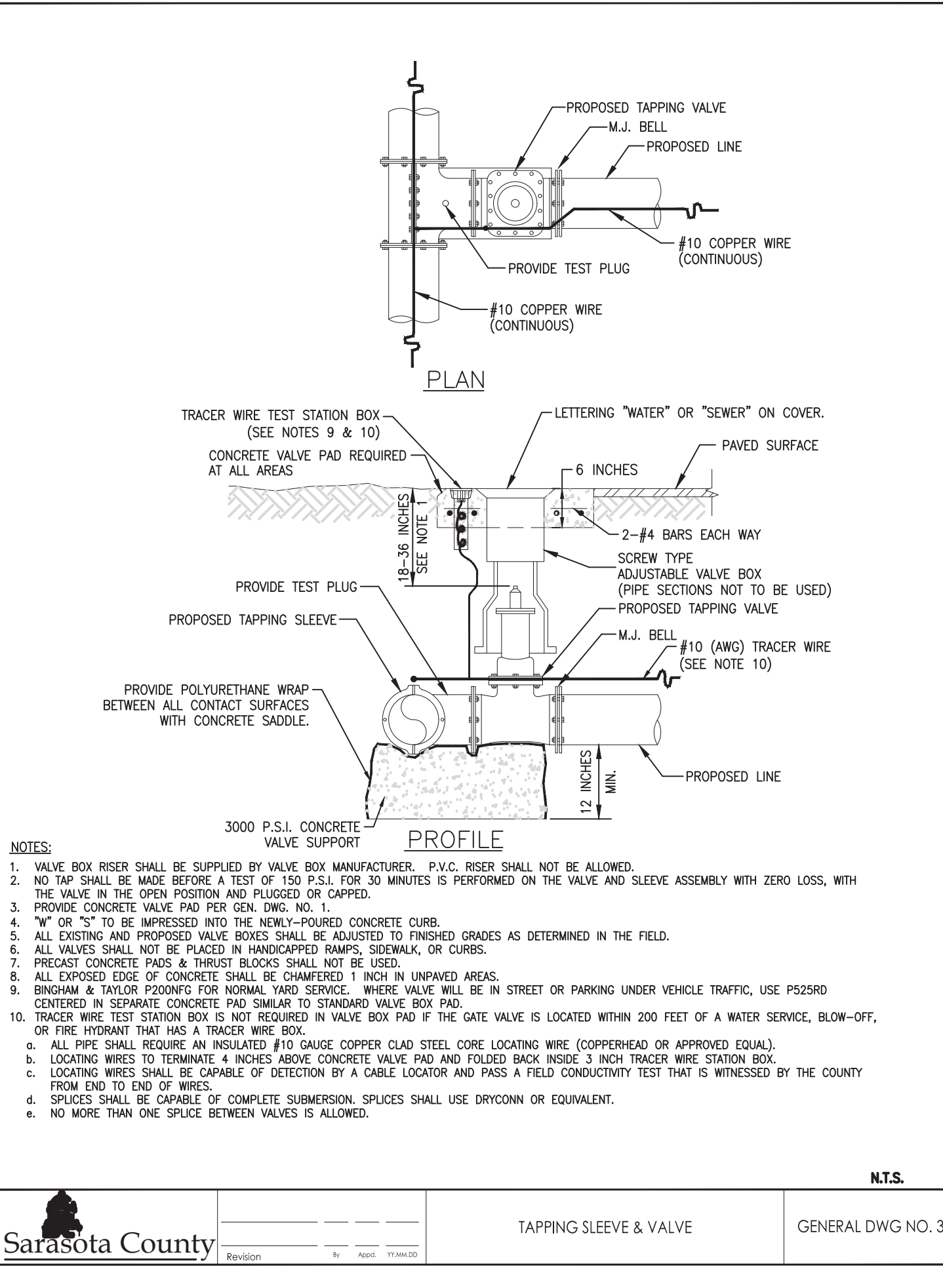
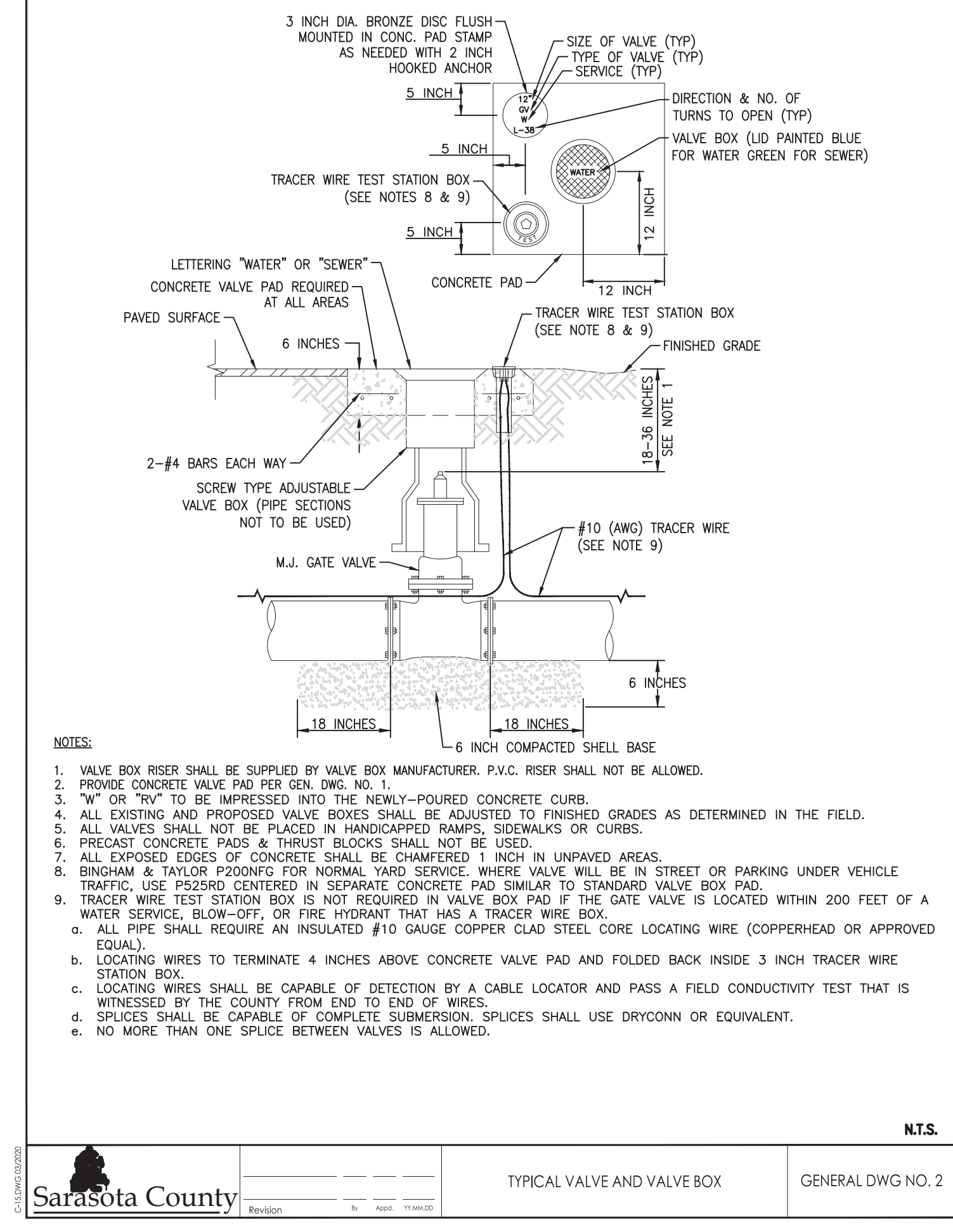
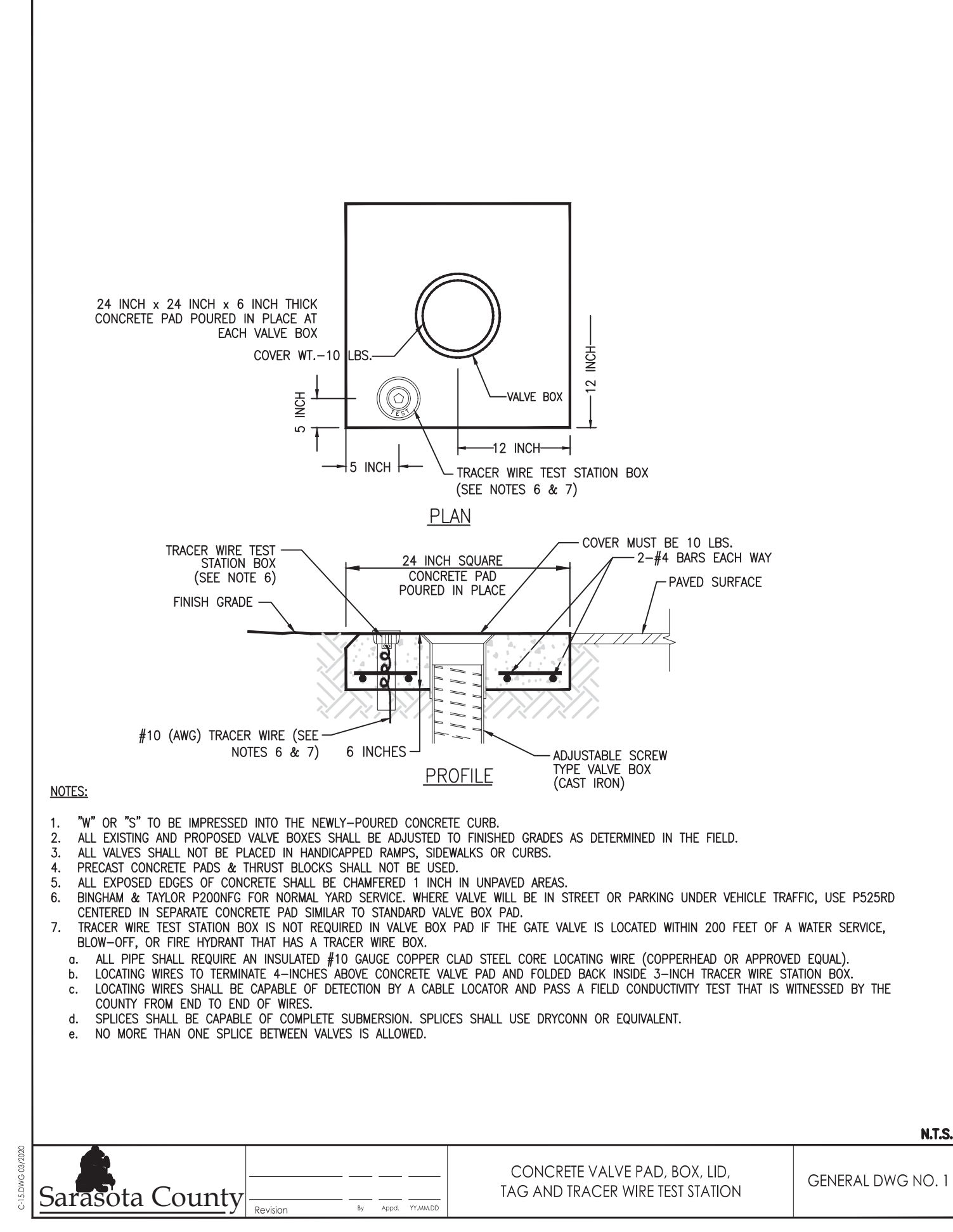
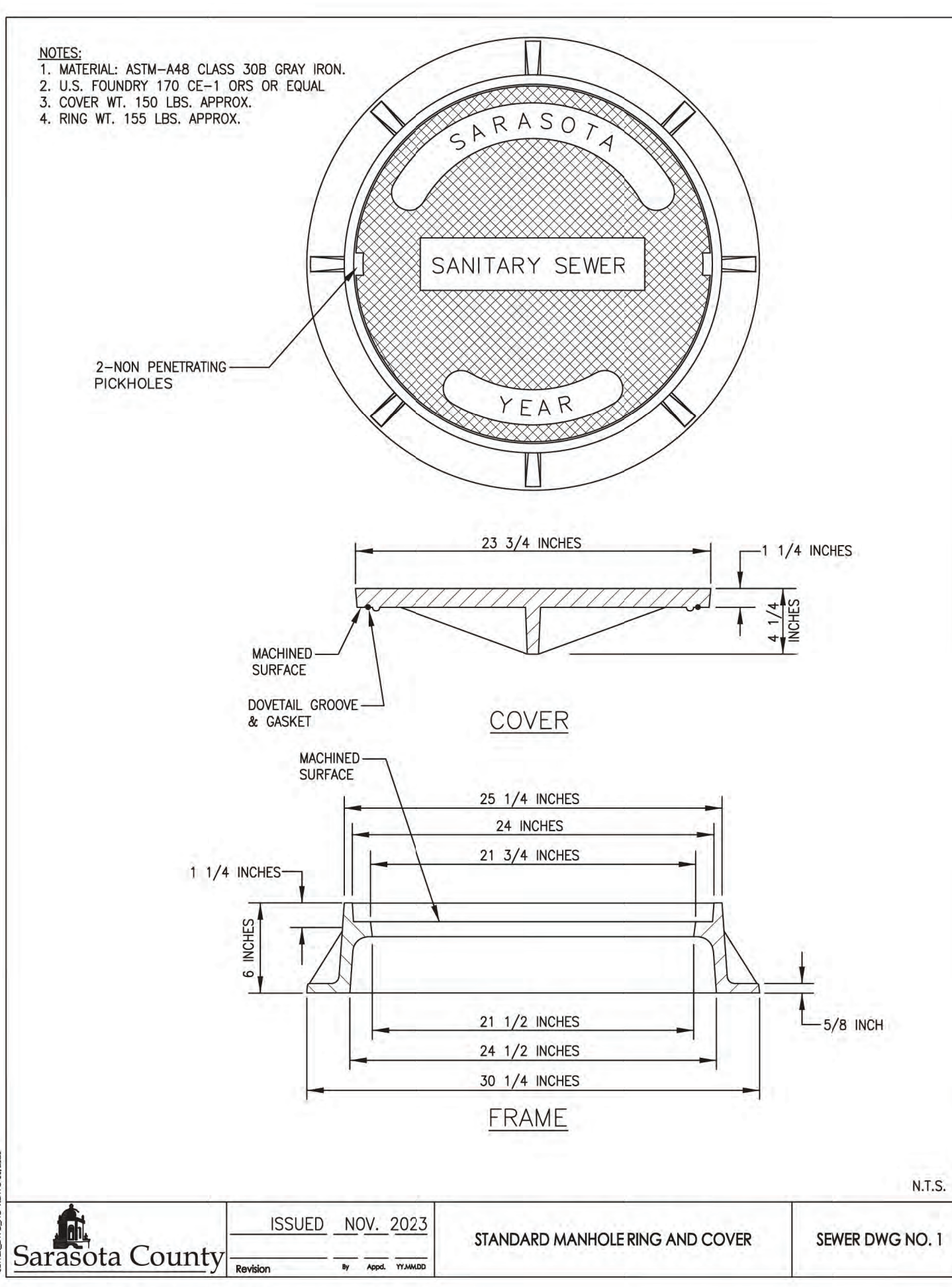
PLAN AND PROFILE

SCALE: AS SHOWN

C-14

SHEET 18 OF 60

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Sarasota County

CONSULTANTS

ARCADIS

LEGAL ENTITY: ARCADIS U.S., INC.

VEITH ENGINEERING & BUSINESS SOLUTIONS

SEALS

DAVID ANDREW WILSON
 LICENSE
 No 65319
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

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SARASOTA COUNTY, FLORIDA
 SARASOTA COUNTY PUBLIC UTILITIES DEPARTMENT

HOME DEPOT MPS AND FM

100% BID SUBMITTAL

1	DEC 2025	100% BID PLANS	DW
NO.	DATE	ISSUED FOR	BY

COPYRIGHT: ARCADIS U.S., INC. 2024

DATE: DECEMBER 2025

PROJECT NO.: 30036073

FILE NAME: C-15

DESIGNED BY: A MEHER, S TOPOVSKI

DRAWN BY: SHIVAKUMAR

CHECKED BY: D WILSON, B VEITH

SHEET TITLE

CIVIL

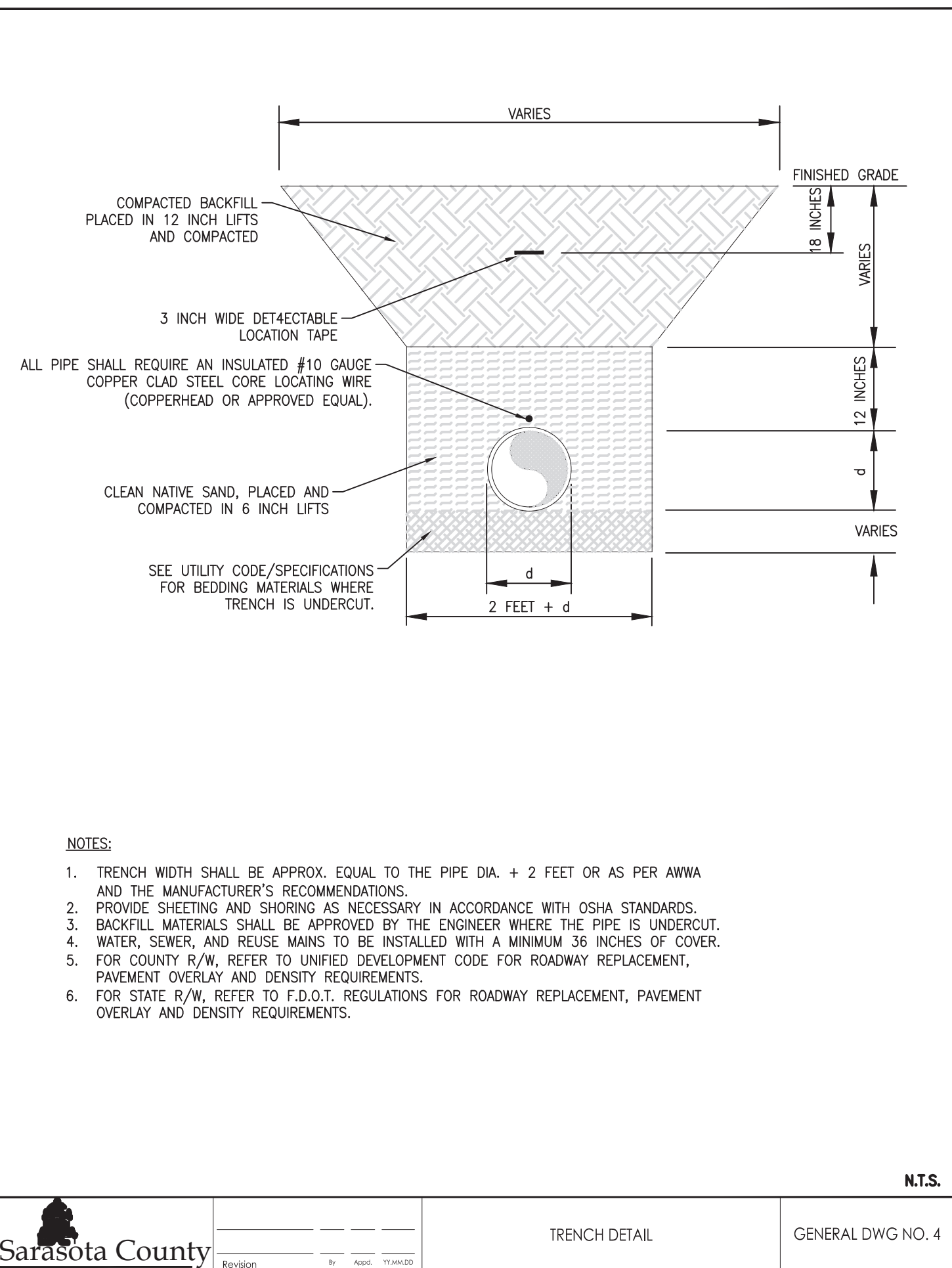
DETAILS-1

SCALE: AS SHOWN

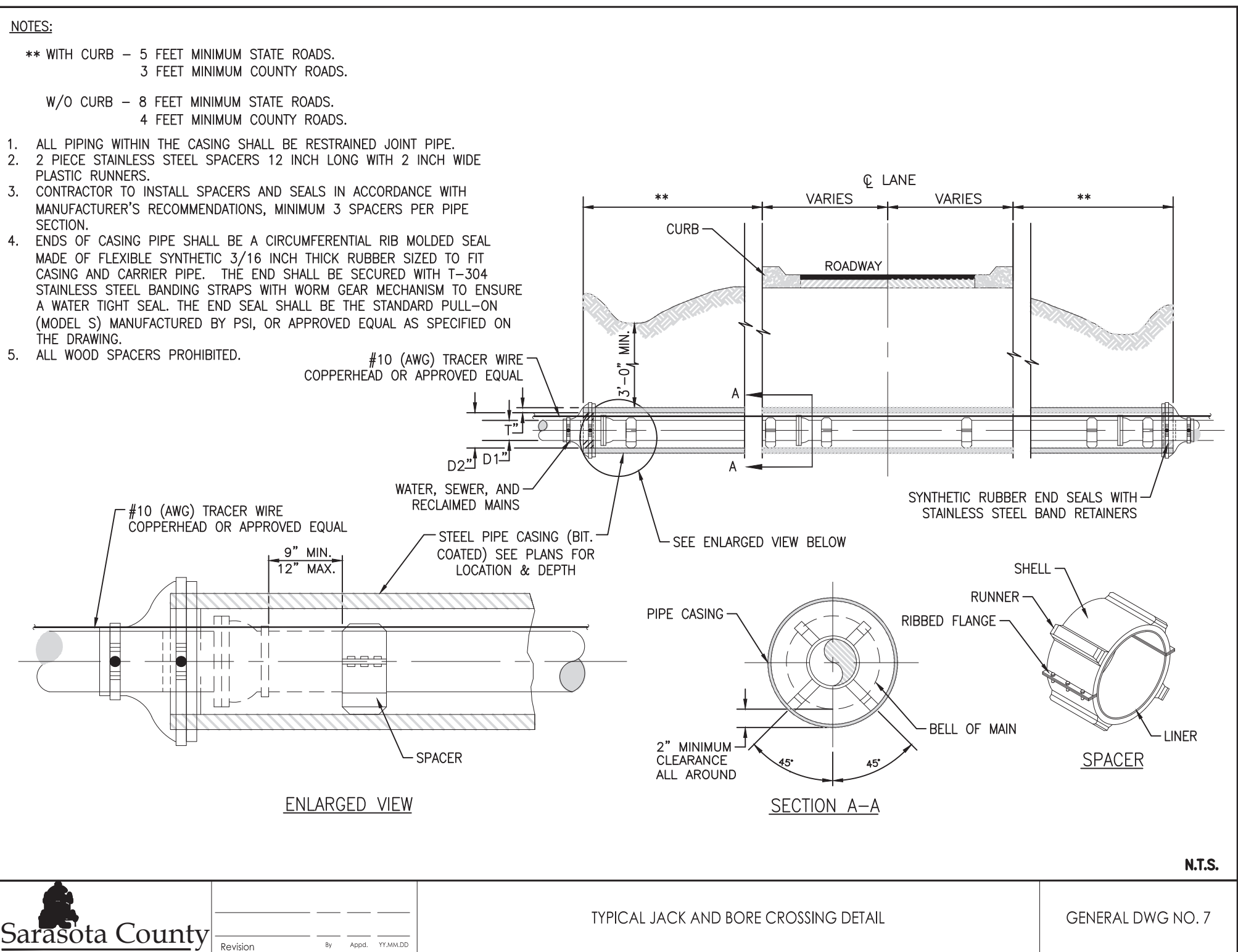
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SHEET 19 OF 60

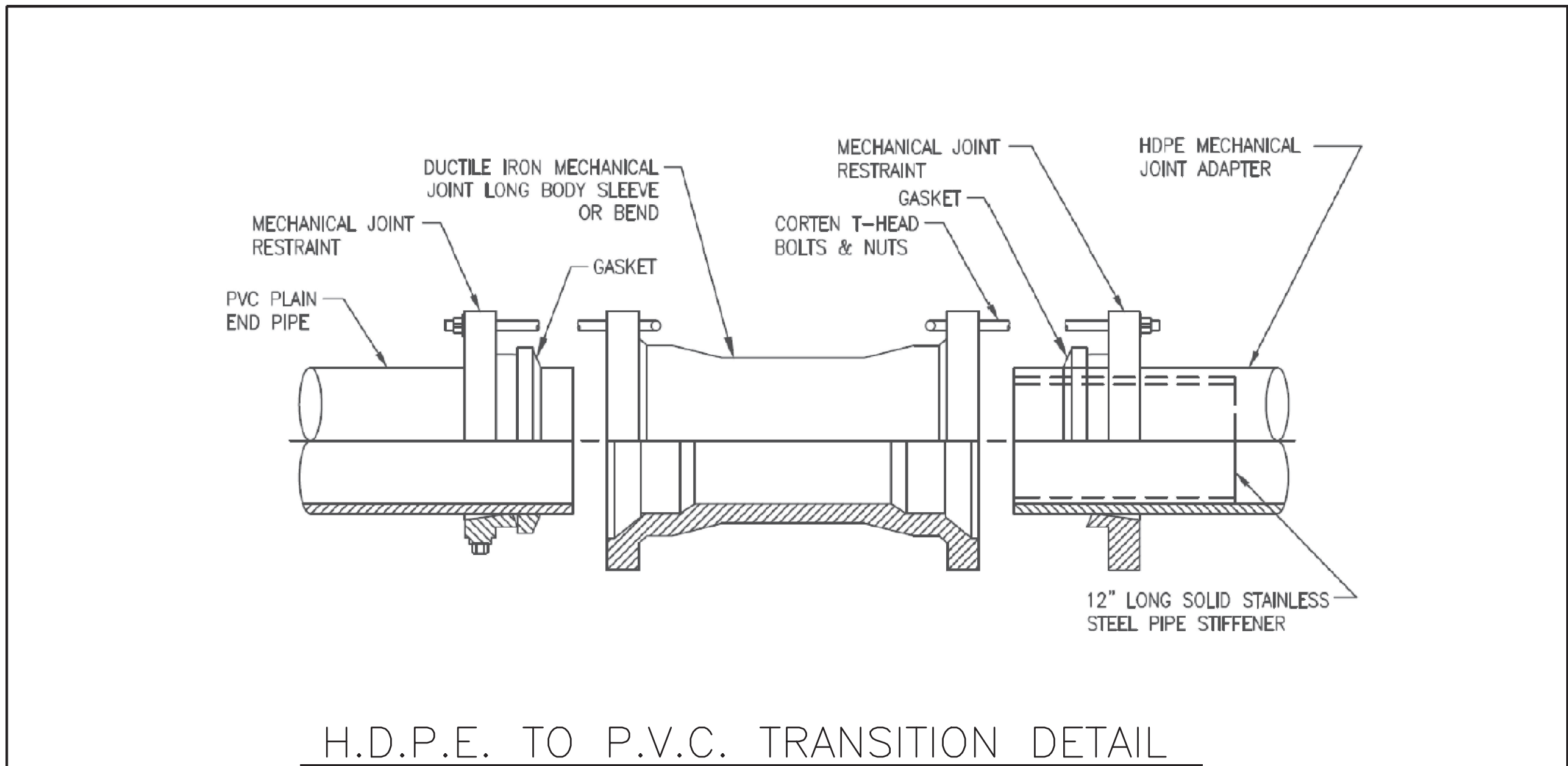
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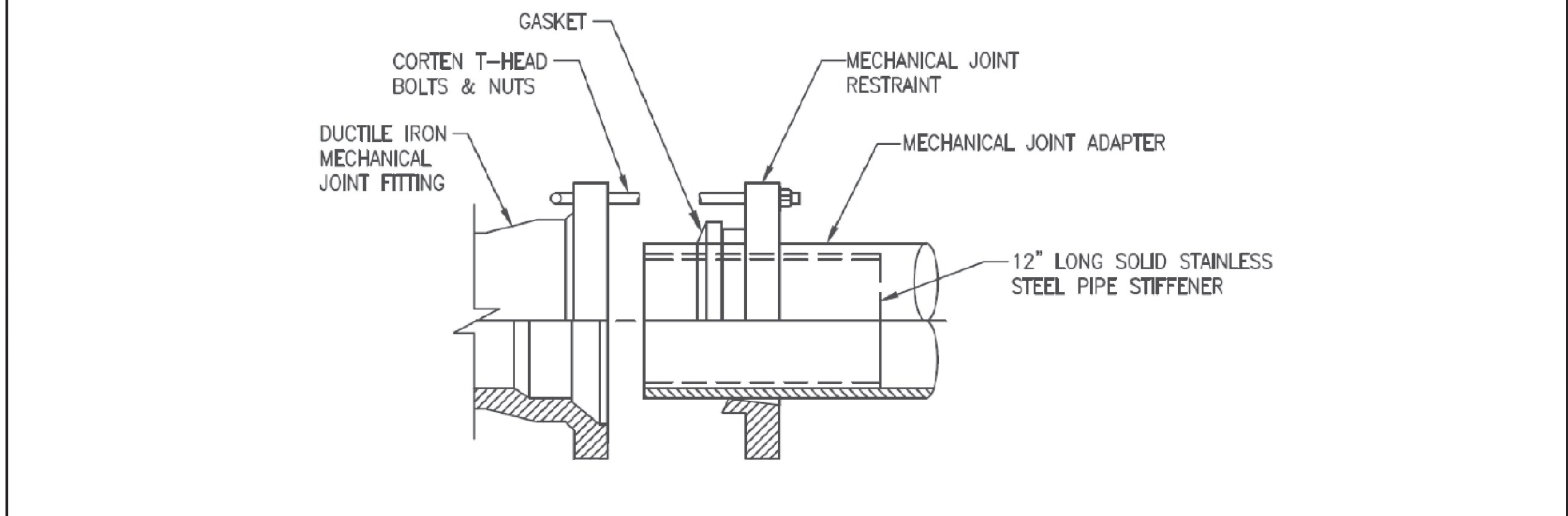
Sarasota County		TRENCH DETAIL	GENERAL DWG NO. 4
Revision	By	Appd.	YYMMDD



Sarasota County		TYPICAL JACK AND BORE CROSSING DETAIL	GENERAL DWG NO. 7
Revision	By	Appd.	YYMMDD

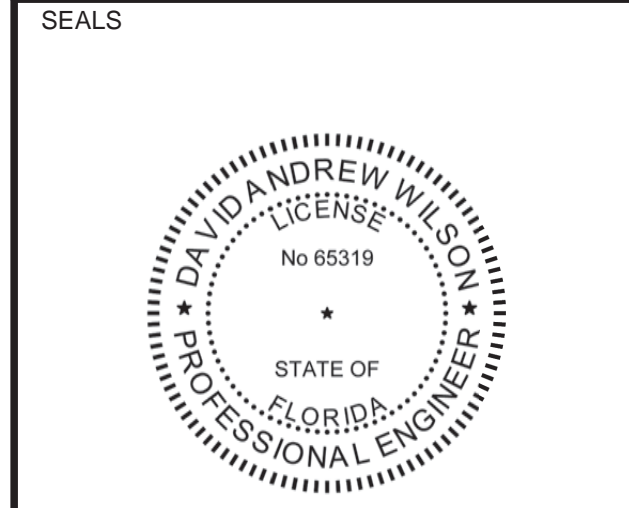


H.D.P.E. TO P.V.C. TRANSITION DETAIL



H.D.P.E. TO D.I. TRANSITION DETAIL

Sarasota County		HDPE TO PVC OR DI PIPE ADAPTER	WATER DWG NO. 10
ISSUED	NOV. 2023		
Revision	By	Appd.	YYMMDD



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SARASOTA COUNTY, FLORIDA
SARASOTA COUNTY
PUBLIC UTILITIES
DEPARTMENT

HOME DEPOT MPS
AND FM

100% BID SUBMITTAL

1	DEC 2025	100% BID PLANS	DW
NO.	DATE	ISSUED FOR	BY

COPYRIGHT: ARCADIS U.S., INC. 2024

DATE: DECEMBER 2025
PROJECT NO.: 30036073
FILE NAME: C-16
DESIGNED BY: A MEHER, S TOPOVSKI
DRAWN BY: SHIVAKUMAR
CHECKED BY: DAVID WILSON

SHEET TITLE

CIVIL

DETAILS-2

SCALE: AS SHOWN

C-16
SHEET 20 OF 60