

UTILITY PERMIT**PERMIT NO:** 2025-H-194-00313**STATE ROAD INFORMATION**

County: Sarasota	Section: 17075000	State Road No: SR 93	Beginning Mile Post: 36.162	Ending Mile Post: 36.181
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APPLICANT INFORMATION

The Utility Agency Owner (UAO) shall be identified in this Applicant Information Box. When the UAO is a City or County and desires to have the Utility Builder make a joint permit applicant, as prescribed in Section 2.1(4) of the 2017 Utility Accommodation Manual (UAM), the Utility Builder shall also be identified in this Applicant Information Box. A Utility Builder alone cannot apply for a utility permit without the City or County adding them as a joint applicant.

<u>Utility Agency/Owner (UAO)</u>		<u>Utility Builder (only applicable when the UAO is a City or County)</u>	
Name:	<u>Sarasota County Capital Project</u>	Name:	_____
Contact Person:	<u>Sarasota County Capital Project</u>	Contact Person:	_____
Address:	<u>1001 Sarasota Center Blvd.</u>	Address:	_____
City:	<u>Sarasota</u>	City:	_____
State:	<u>Florida</u>	State:	_____
Zip:	<u>34240</u>	Zip:	_____
Telephone:	<u>(941) 861-0890 ext. _____</u>	Telephone:	_____
Email:	<u>ceastwoo@scgov.net</u>	Email:	_____

WORK DESCRIPTION

The Applicant(s) requests permission from the Florida Department of Transportation (FDOT) to construct, operate, and maintain the utilities as described below and as depicted in the incorporated documentation.

The force main work is located in Sarasota County, and extends from the Home Depot Master Pump Station proceeding east under I-75, north on Hawaii Drive, east on Bikini Road crossing Phillippi Creek Branch AA, and north on Maui Way to the intersection on Bee Ridge Road. The pipeline under the I-75 will be 18" Dr 11 HDPE Pipe. The depth of directional drill under the I-75 right-of-way is 25'. The directional drill pits are approximately 400 LF outside the FDOT right-of-way ... (see work description cont. page)

Utility Work No: _____

Additional sheets are attached and are incorporated into this permit Yes ☒ No ☐For FDEP certification, the FDOT agency report is attached in accordance with UAM Section 2.4.1 (13) Yes ☐ No ☒**TRAFFIC CONTROL (TCP)**

- ☒ The TCP will comply with the following 600 series index(es) 611
- ☒ A TCP has been attached and incorporated into this permit application in compliance with UAM Section 2.4.2.

MOT Technician's contact information (may be supplied at the two (2) business day notification to FDOT):

Name: _____ Telephone: _____ Email: _____

COMMENCEMENT OF WORK

The UAO and/or Utility Builder shall commence actual construction in good faith within sixty (60) calendar days after approval of the permit application. If the beginning date is more than sixty (60) calendar days from the date of approval, the UAO and/or Utility Builder must review the permit with the FDOT Approving Engineer listed to make sure no changes have occurred to the transportation facility that would affect the permit's continued approval. The UAO and/or Utility Builder shall make good faith efforts to expedite the work and complete the work within the calendar days indicated.

Anticipated Start Date: 3/30/2026Calendar days needed to completed: 549

Approved
2025-H-194-00313
Mark A. Brown
10/30/2025

UTILITY PERMIT

PERMIT NO: 2025-H-194-00313

APPLICANT SIGNATURE

By the below signature(s) the UAO and/or Utility Builder agree(s) to construct, operate, and maintain the work as noted in the above Work Description, shown in plans and incorporated documents, in compliance with the UAM, all instructions noted in the FDOT Special Instructions Box, and special instructions incorporated into this permit. The UAO and/or Utility Builder declares, the location of all existing utilities that it owns or has an interest in, both aerial and underground, are accurately shown on the plans of the work areas. In accordance with UAM Section 2.8, the UAO and/or Utility Builder further declares that a letter of notification was delivered to the owners of other facilities within the work areas and that those listed below are the only facility owners known to be involved or potentially impacted by the proposed work.

Date Notified: _____ Name of other facility owners (attach additional sheets if necessary). _____

Utility Agency/Owner

Utility Builder (when applicable)

Signature: CAROLYN EASTWOOD (digital signature) Date: 10/22/2025

Signature: _____ Date: _____

Name (printed): CAROLYN EASTWOOD

Name (printed): _____

Title: _____

Title: _____

FDOT PROJECT INFORMATION

Pursuant to UAM Section 2.1(10), the utility work is within FDOT projects listed below and must have a Utility Work Schedule for each project approved prior to commencement of work within the FDOT project limits:

FDOT construction is proposed or underway. Refer to Financial Project Id: 201277-5., 449188-1, 442521-1, 417733-2

This work is NOT related to an approved Utility work schedule.

FDOT SPECIAL INSTRUCTIONS

In accordance with UAM Section 2.7, FDOT incorporates the below and attached special instructions into this permit.

1. There will be no access or exit from LA/ROW to or from private property.

2. The permit shall be rendered void if the Manatee Ops Permits Office (MOPO) and DeAngelo Contracting Services LLC (DCS) are not notified (i.e. Phone (MOPO and DCS) and/or Email (MOPO only)) a minimum of TWO (2) BUSINESS DAYS PRIOR TO STARTING WORK and again immediately upon COMPLETION OF WORK. MOPO Phone No: 941-708-4400, Email: curtis.vilt@dot.state.fl.us, DCS Phone No: 239-48 ... (see

Additional FDOT Special Instructions are attached and incorporated into this permit. Yes ☐ No ☒

PERMIT APPROVAL

By signature below, FDOT gives permission to the UAO and/or Utility Builder to construct, operate, and maintain the utilities indicated in this Utility Permit in compliance with the UAM, all incorporated documents, and special instructions. Any changes to the approved work must be approved by the FDOT's Approving Engineer and attached and incorporated into this permit in accordance with UAM Section 2.11.

Approving Engineer: Mark A. Brown (digital signature) Date: 10/30/2025

Name: Mark A. Brown

Title: PERMITS COORDINATOR I

Notification of Utility Work to be provided to: _____ Telephone (941) 708-4447 ext. _____ or Email: curtis.vilt@dot.state.fl.us

An FDOT Representative is required to be present on the worksite prior to commencement of work. Yes ☐ No ☐

Rep. Name: _____ Telephone _____ Email: _____

Approved
2025-H-194-00313
Mark A. Brown
10/30/2025

Florida Department of Transportation
UTILITY PERMIT

December 14, 2016

PERMIT NO: 2025-H-194-00313

CERTIFICATION

I, the undersigned UAO and/or Utility Builder, hereby CERTIFY that the utilities were constructed and inspected in compliance with the UAM all incorporated documents, and special instructions. Pursuant to UAM Section 2.11, all changes have been approved by the FDOT's Approving Engineer and incorporated into this permit along with all other material certifications, test results, bore logs, approved plans changes, as-built plans or other required documentation.

I also CERTIFY that work began on _____ and was completed on _____ and that the area was left in as good or better condition than when the work began.

Utility Agency/Owner

Utility Builder (when applicable)

Signature: _____ Date _____

Signature: _____ Date _____

Name (printed): _____

Name (printed): _____

Title: _____

Title: _____

FINAL INSPECTION OF WORK

☐ The work was inspected and found to be in non-compliance as noted below:

☐ All issues of non-compliance listed above have been brought into compliance and/or FDOT has no outstanding issues that need to be addressed by the UAO and/or Utility Builder. However, this final inspection does not release the UAO and/or Utility Builder of their continuing responsibilities pursuant to Rule 14-46.001, the UAM, all incorporated documents, and special instructions.

FDOT Inspector: _____ Date: _____

Name: _____

Title: _____

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10/30/2025

PERMIT NO.: 2025-H-194-00313

The complete Work Description could not fit in the space allotted on Page 1 of the Utility Permit so it is displayed below.

Work Description

The force main work is located in Sarasota County, and extends from the Home Depot Master Pump Station proceeding east under I-75, north on Hawaii Drive, east on Bikini Road crossing Phillippi Creek Branch AA, and north on Maui Way to the intersection on Bee Ridge Road. The pipeline under the I-75 will be 18" Dr 11 HDPE Pipe. The depth of directional drill under the I-75 right-of-way is 25'. The directional drill pits are approximately 400 LF outside the FDOT right-of-way. The pipeline goes through only under the I-75 FDOT right-of-way. No other FDOT right-of-way will be used under this work.

Approved
2025-H-194-00313
Mark A. Brown
10/30/2025

The complete special instructions could not fit in the space allotted on Page 2 of the Utility Permit so they are displayed below.

Special FDOT Instructions

1. There will be no access or exit from LA/ROW to or from private property.
2. The permit shall be rendered void if the Manatee Ops Permits Office (MOPO) and DeAngelo Contracting Services LLC (DCS) are not notified (i.e. Phone (MOPO and DCS) and/or Email (MOPO only)) a minimum of TWO (2) BUSINESS DAYS PRIOR TO STARTING WORK and again immediately upon COMPLETION OF WORK. MOPO Phone No: 941-708-4400, Email: curtis.vilt@dot.state.fl.us, DCS Phone No: 239-488-3100. (Upon notifying provide: Permit Number, Contact Information, Location, General Scope and Timeframe of the Work) curtis.vilt@dot.state.fl.us
3. If LANE CLOSURE(S) for this Permit are required, the Permittee MUST notify the Department (Valerie Everts, Phone No: 941-708-4433, Email: valerie.everts@dot.state.fl.us) two (2) weeks prior to starting the LANE CLOSURE(S) to inform the motoring public. FAILURE TO COMPLY WILL RESULT IN DELAY TO START WORK.
4. If Permit work is being proposed during a FDOT Construction project, it will be the RESPONSIBILITY OF THE PERMITTEE TO COORDINATE with and defer to the FDOT's contractor.
5. All portions of disturbed ROW shall be restored with sod within seventy-two (72) hours of completion of work.
6. Your project falls within the limits of the Sarasota County Advanced Traffic Management System (ATMS). The Sarasota County ATMS is owned by the FDOT while the County operates and maintains the system as part of the Traffic Signal Maintenance and Compensation Agreement. The ATMS infrastructure within this project's limits includes underground fiber optic communication infrastructure along SR 93. I have attached the as-built plans to this comment for your information. Based on the permit plans, it appears this project will be installing underground infrastructure near the existing ATMS infrastructure. It is the responsibility of this project's contractor to avoid conflicts with the existing underground ATMS infrastructure by, at minimum, locating the facilities prior to installing the new underground infrastructure. Any impacts to the existing ATMS infrastructure that were not identified in this review are the responsibility of the permittee to resolve within this project.

Approved
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Mark A. Brown
10/30/2025

User: JOSH4656 Spec: AUS-NSW03D File: C:\USERS\JOSH4656\Documents\ARCADIS\AUS-30036073-HOME DEPOT LS AND FM\PROJECT FILES\0-WIP\GENERAL\G-02.DWG Scale: 1:1 Saved Date: 10/29/2025 Time: 16:19 Plot Date: Joshy, Chaitra, 10/29/2025, 18:19 : Layout: G-02

GENERAL NOTES:

- LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES AND STRUCTURES ARE APPROXIMATE. WHILE CONSIDERABLE EFFORT HAS BEEN MADE TO ACCURATELY LOCATE EXISTING WATER LINES AND APPURTENANCES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY UTILITY LOCATIONS, ELEVATIONS AND DIMENSIONS BY UTILIZING EXPLORATORY EXCAVATION, WHICH SHALL BE MADE NO LESS THAN SEVEN (7) DAYS OR 1,000 FEET IN ADVANCE OF WORK, WHICHEVER IS GREATER. IF THERE IS A POTENTIAL CONFLICT, THE CONTRACTOR IS TO NOTIFY THE ENGINEER IMMEDIATELY. ANY DAMAGE TO UTILITIES, STRUCTURES AND/OR SERVICES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, IN A MANNER APPROVED AND COORDINATED WITH THE UTILITY OWNER.
- THE CONTRACTOR SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO EACH UTILITY COMPANY IN ORDER TO PERMIT THE LOCATION OF EXISTING UNDERGROUND UTILITIES IN ADVANCE OF BORING & CONSTRUCTION. CONTRACTOR SHALL CONTACT THE SUNSHINE 811 UTILITIES NOTIFICATION CENTER AT 1-800-432-4770. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY & ALL DAMAGES TO THE EXISTING UTILITIES AS A RESULT OF BORING AND CONSTRUCTION ACTIVITIES.
- UTILITY SERVICE LINES AND CONNECTIONS AND RESIDENTIAL IRRIGATION SYSTEMS HAVE NOT BEEN LOCATED ON THE DRAWINGS. AS THESE SERVICES AND SYSTEMS ARE ENCOUNTERED DURING THE PROCESS OF WORK, THE CONTRACTOR SHALL PROTECT AND SUPPORT THE LINES IN A MANNER SUCH THAT SERVICE WILL NOT BE INTERRUPTED AT ANY TIME. ALL WORK RELATED TO THIS ACTIVITY SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION OF ANY KIND WILL BE ALLOWED.
- ALL EXCAVATIONS SHALL CONFORM TO THE REQUIREMENTS OF THE TRENCH SAFETY ACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER DISPOSAL OF ALL EXCESS OR UNSUITABLE EXCAVATED MATERIAL.
- USE TEMPORARY SHEETING OR TRENCH BOXES TO MINIMIZE THE SIZE OF THE EXCAVATIONS AND TO PROTECT ADJACENT EXISTING ROADWAYS, UTILITIES AND OTHER FACILITIES. THERE SHALL BE NO ADDITIONAL COST TO THE OWNER UNLESS THE CONTRACTOR IS DIRECTED TO LEAVE THE SHEETING IN PLACE.
- ALL PROPOSED PIPING SHALL HAVE A MINIMUM OF 36" COVER OVER THE TOP OF PIPE. COVER SHALL VARY TO PROVIDE UNIFORM GRADIENT OR SLOPE TO PIPE.
- IT IS RESPONSIBILITY OF THE CONTRACTOR TO USE NECESSARY MEANS TO CONTROL AND PREVENT EROSION AND THE TRANSPORT OF SEDIMENT TO STORM DRAINS AND SURFACE WATERS DURING CONSTRUCTION.
- THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH THE PLANS, U. S. DEPARTMENT OF TRANSPORTATION'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" AND THE FLORIDA DEPARTMENT OF TRANSPORTATION'S "DESIGN STANDARDS" (ALL LATEST EDITIONS). CONTRACTOR SHALL SUBMIT A DETAILED TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL.
- CONTRACTOR SHALL MAINTAIN A SET OF PLANS WITH CURRENT FIELD CHANGES MARKED AS COMPLETE. A RECORD DRAWING SURVEY SHALL BE PREPARED AND SUBMITTED TO THE OWNER AS PER COUNTY REQUIREMENTS AS PROVIDED IN THE SPECIFICATIONS.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY WHEN CONFLICTS BETWEEN DRAWINGS AND ACTUAL CONDITIONS ARE DISCOVERED.
- ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK.
- THE CONTRACTOR SHALL PROVIDE SURVEY SERVICES FOR CONSTRUCTION STAKE-OUTS, RECORD DRAWINGS, AND ALL OTHER NECESSARY SURVEY WORK TO COMPLETE THE PROTECT. ALL SURVEY WORK SHALL BE PERFORMED BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF FLORIDA.
- ALL PROPERTY MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF ANY OF THESE MONUMENTS ARE DISTURBED, THEY SHALL BE RE-ESTABLISHED AT THE EXPENSE OF THE CONTRACTOR BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF FLORIDA.
- OVERALL CLEAN-UP SHALL BE ACCOMPLISHED BY THE CONTRACTOR IN ACCORDANCE WITH COUNTY STANDARDS AND THE SPECIFICATIONS OR AS DIRECTED BY THE COUNTY. ANY AND ALL EXPENSES INCURRED FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS.
- THE CONTRACTOR SHALL PROTECT PRIVATE PROPERTY, FACILITIES AND UTILITIES AT ALL TIMES DURING WORK. ANY DAMAGE CAUSED BY THE CONTRACTOR IN THE PERFORMANCE OF HIS WORK SHALL BE CORRECTED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITIONS. NO PAYMENT SHALL BE MADE FOR THIS WORK. ALL RESTORATION WORK SHALL BE IN CONFORMANCE WITH COUNTY STANDARDS AND THE SPECIFICATIONS.
- ALL VALVE BOXES SHALL BE KEPT ACCESSIBLE THROUGHOUT CONSTRUCTION.
- ANY AND ALL CONSTRUCTION MATERIALS, METHODS AND INSTALLATION SHALL BE IN FULL COMPLIANCE WITH THE PLANS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES AT ALL TIMES DURING WORK PERFORMANCE.
- PAYMENT FOR INCIDENTAL ITEMS AND WORK, NOT SPECIFICALLY LISTED OR INDICATED ON THE PLANS, SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR OTHER ITEMS.
- CONTRACTOR SHALL NOTIFY THE COUNTY OF ANY EXISTING STREET SIGNS NEEDING TO BE ADJUSTED OR RELOCATED TO FACILITATE CONSTRUCTION. ONLY THE COUNTY SHALL BE ALLOWED TO PERFORM THIS WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND SHALL PROVIDE BRACING, SHEETING AND SHORING AS NECESSARY.
- DEWATERING SHALL BE UTILIZED AS REQUIRED TO KEEP TRENCHES AND EXCAVATIONS DRY THROUGHOUT CONSTRUCTION.
- ALL SUBSURFACE CONSTRUCTION SHALL COMPLY WITH THE "FLORIDA TRENCH SAFETY ACT". THE CONTRACTOR SHALL ENSURE THAT THE METHOD OF TRENCH PROTECTION AND CONSTRUCTION IS IN COMPLIANCE WITH ALL OSHA REGULATIONS.
- THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY OWNER FOR ANY POWER POLE REMOVAL, BRACING OR GUY WIRE RELOCATION THAT MAY BE REQUIRED TO PERFORM WORK.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PRODUCE A "STORM WATER POLLUTION PREVENTION PLAN" (SWPPP) AND OBTAIN COVERAGE UNDER THE "NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM" (NPDES) PERMIT BEFORE CONSTRUCTION PROCEEDS. A CONSTRUCTION GENERAL PERMIT (GP) NOTICE OF INTENT (NOI) SHALL BE COMPLETED AND SUBMITTED TO THE FLORIDA, DEPARTMENT OF ENVIRONMENTAL PROTECTION BY THE CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE AN EROSION PREVENTION AND SEDIMENT CONTROL PLAN AND A DEWATERING PLAN TO THE COUNTY AND ENGINEER FOR REVIEW AND APPROVAL PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL NOTE THAT DEWATERING MAY BE REQUIRED AS PART OF THIS PROJECT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL NECESSARY DEWATERING PERMITS FROM STATE AND LOCAL AGENCIES HAVING JURISDICTION OVER THE WORK.
- THE CONTRACTOR IS RESPONSIBLE TO SECURE AN AREA FOR STAGING AND/OR STORING OF MATERIALS FOR THIS PROJECT.
- THE CONTRACTOR SHALL SUBMIT TO THE COUNTY FOR APPROVAL, A "MAINTENANCE OF TRAFFIC PLAN (MOT)" OUTLINING AND ADDRESSING PROPOSED CONSTRUCTION ON "RIGHTS OF WAY".

- THE CONTRACTOR SHALL NOTE THAT THERE ARE SIDEWALKS ADJACENT TO PORTIONS OF THIS PROJECT AND IS RESPONSIBLE TO ENSURE THAT ALL PEDESTRIAN TRAFFIC ON THESE SIDEWALKS ARE SAFELY MAINTAINED.
- THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN EFFECTIVE BARRICADES, DANGER SIGNALS, SIGNS AND PEDESTRIAN DETOURS IN ALL AREAS WHERE REQUIRED FOR THE PROTECTION OF THE WORK AND SAFETY OF THE PUBLIC.
- THE CONTRACTOR IS RESPONSIBLE TO COORDINATE AND OBTAIN ANY AND ALL TEMPORARY ACCESS TO THE PROJECT SITE IF REQUIRED.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT ALL CONSTRUCTION ACTIVITIES MUST CONFORM WITH LOCAL NOISE ORDINANCES.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION SAFETY INCLUDING ALL SPECIAL PRECAUTIONS THAT MAY BE REQUIRED IN THE VICINITY OF POWER LINES AND OTHER ABOVE AND BELOW GROUND UTILITIES.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL UNSUITABLE MATERIAL, (INCLUDING CONSTRUCTION DEBRIS AND OR OTHER WASTE MATERIALS) IN ACCORDANCE WITH ALL APPLICABLE REGULATORY AGENCY REQUIREMENTS AT THE CONTRACTOR'S EXPENSE. ALL BACKFILL UTILIZED ON THE PROJECT SHALL BE CLEAN AND FREE OF UNSUITABLE MATERIALS.
- UNDER NO CIRCUMSTANCES SHALL PIPE BE LAID IN A WET TRENCH.
- THE CONTRACTOR SHALL PROVIDE THRUST BLOCKING AND/OR JOINT RESTRAINTS TO FULLY RESTRAIN PIPE AGAINST FAILURE UP TO A TEST PRESSURE OF 150 PSI. RESTRAINED JOINTS SHALL CONFORM TO SARASOTA COUNTY REQUIREMENTS.
- FORCE MAINS SHALL BE INSTALLED TO MINIMIZE VERTICAL TRANSITIONS RESULTING IN LOW SPOTS WITHIN THE FORCE MAIN. HORIZONTAL DRILLING SHALL BE DESIGNED TO MINIMIZE VERTICAL TRANSITIONS RESULTING IN THE POTENTIAL FOR CLOGGING. ONCE THE DESIRED DEPTH HAS BEEN ACHIEVED, PIPE MUST MAINTAIN A CONSISTENT DEPTH AND SHALL NOT EXCEED A VERTICAL DIFFERENTIAL OF MORE THAN ONE PIPE SIZE.
- SANITARY SEWERS, FORCE MAINS AND STORM SEWERS SHOULD CROSS UNDER WATER MAINS AND SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL CLEARANCE DISTANCE OF 12 INCHES BETWEEN THE BOTTOM OF THE UPPER PIPE AND THE TOP OF THE LOWER PIPE, WHENEVER POSSIBLE, UNLESS OTHERWISE SHOWN. THE CROSSING SHALL BE ARRANGED SO THAT THE WASTEWATER JOINTS AND WATER JOINTS WILL BE EQUIDISTANT FROM THE POINT OF CROSSING, USING A FULL LENGTH OF PIPE BETWEEN THE TWO JOINTS.
- WHERE THERE IS NO ALTERNATIVE TO SEWER PIPES CROSSING OVER A WATER MAIN, DR-14 PVC SHALL BE USED TO CONSTRUCT THE WASTEWATER LINE.
- TYPICAL WORK INCLUDES THE INSTALLATION OF 16-INCH DR 18 PVC FORCE MAIN PIPING AND 18-INCH DR 11 HDPE FORCE MAIN PIPING THAT SHALL CONFORM TO THE REQUIREMENTS OF SARASOTA COUNTY.
- ALL FITTINGS SHALL BE DUCTILE IRON LINED WITH PROTECTOR 401 AND POLYETHYLENE ENCASED.
- PROTECTIVE CONCRETE SLABS SHALL BE INSTALLED AT DITCH CROSSINGS AND WHEN THREE FEET (3') MINIMUM COVER OVER THE TOP OF THE WASTEWATER LINE CANNOT BE ACHIEVED, UNLESS APPROVED BY THE COUNTY.
- A MINIMUM CONCRETE THICKNESS OF SIX INCHES (6") SHALL BE REQUIRED ON ALL PROTECTIVE SLABS INSTALLED WITHIN ROADWAYS, ROAD SHOULDERS OR RIGHTS OF WAYS THAT WILL BE SUBJECT TO VEHICULAR TRAFFIC.
- THE SLAB WIDTH SHALL BE THE ACTUAL EXCAVATED TRENCH WIDTH BY TWO FEET (2') HORIZONTALLY ON BOTH SIDES OF THE TRENCH.
- A MINIMUM CONCRETE THICKNESS OF FOUR INCHES MAY BE USED IN AREAS NOT SUBJECT OF SIGNIFICANT LOAD BEARING TRAFFIC OR AS OTHERWISE APPROVED BY COUNTY.
- AUTOMATIC AIR/VACUUM RELEASE VALVES SHALL BE USED ONLY WHERE SPECIFIED ON THE DRAWINGS AND APPROVED BY THE COUNTY.
- DEFLECTIONS AT PIPE JOINTS SHALL NOT BE ACCEPTABLE. CONTRACTOR MUST USE FITTINGS TO ACCOMPLISH INTENDED ALIGNMENT DEFLECTIONS.
- THE CONTRACTOR SHALL ADHERE TO THE REQUIREMENTS OF THE "SARASOTA COUNTY UTILITIES MANUAL" LATEST EDITION, LOCATED AT- [HTTPS://WWW.SCGOV.NET/HOME/SHOWDOCUMENT?ID=50402&T=637604835919355247](https://www.scgov.net/home/showdocument?id=50402&t=637604835919355247)
- HORIZONTAL DIRECTIONAL DRILL BORE DEPTH SHOULD BE RECORDED AT EVERY 25' IN RECORD DRAWINGS.
- ALL WORK AROUND THE EXISTING UTILITIES AND UTILITY STRUCTURES, WHETHER ABOVE OR BELOW GROUND, SHALL BE PERFORMED IN A MANNER THAT WILL AVOID DAMAGE TO THE UTILITIES AND STRUCTURES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL ACCURATELY LOCATE ABOVE AND BELOW GRADE UTILITIES WHICH MAY BE AFFECTED BY THE WORK AND PROTECT ALL UTILITIES NOT DESIGNATED FOR REMOVAL, RESTORATION, OR REPLACEMENT IN THE COURSE OF CONSTRUCTION. PROVIDE 72 HRS OF ADVANCE NOTICE TO THE UTILITY OWNER AND SARASOTA COUNTY PRIOR TO BEGINNING CONSTRUCTION IN THE VICINITY OF THE EXISTING UTILITIES.
- ANY DAMAGE TO EXISTING UTILITIES CAUSED BY THE CONTRACTOR, CONTRACTOR'S CREW AND/OR EQUIPMENT SHALL BE AT THE CONTRACTOR'S COST AND RESPONSIBILITY TO REPLACE PER OWNER'S STANDARDS AND SPECIFICATIONS.
- ANY WELLS DISCOVERED DURING EXCAVATION, EARTHMOVING OR CONSTRUCTION MUST BE REPORTED TO SARASOTA COUNTY HEALTH DEPARTMENT, OFFICE OF ENVIRONMENTAL HEALTH 941-861-6133 WITHIN 24 HOURS OF DISCOVERY.
- ANY WELLS ON SITE THAT WILL HAVE NO USE MUST BE PLUGGED BY A FLORIDA LICENSED WELL DRILLING CONTRACTOR IN AN APPROVED MANNER.

POLLUTION PREVENTION NOTES:

- THE SEQUENCE OF CONSTRUCTION SHOWN ON PLANS IS A GENERAL OVERVIEW AND IS INTENDED TO CONVEY THE GENERAL CONCEPTS OF THE EROSION CONTROL DESIGN AND SHOULD NOT BE RELIED UPON FOR CONSTRUCTION PURPOSES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETAILED PHASING AND CONSTRUCTION SEQUENCING NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS INCLUDED IN THESE PLANS. THE CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING IMMEDIATELY, PRIOR TO AND/OR DURING CONSTRUCTION IF ANY ADDITIONAL INFORMATION ON THE CONSTRUCTION IS NECESSARY. CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLYING WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND ALL OTHER APPLICABLE LAWS.
- EROSION AND SEDIMENT CONTROL BMPs SHALL BE IMPLEMENTED AS NECESSARY TO PREVENT TURBID DISCHARGES FROM FLOWING ONTO ADJACENT PROPERTIES OR ROADWAYS, OFF SITE STORMWATER CONVEYANCES OR RECEIVING WATERS, OR ON-SITE WETLANDS AND SURFACE WATERS. BMPs SHALL BE DESIGNED, INSTALLED, AND MAINTAINED BY THE SITE OPERATOR TO ENSURE THAT OFF SITE SURFACE WATER QUALITY REMAINS CONSISTENT WITH STATE AND LOCAL REGULATIONS. (THE OPERATOR IS THE ENTITY THAT OWNS OR OPERATES THE CONSTRUCTION ACTIVITY AND HAS AUTHORITY TO CONTROL THOSE ACTIVITIES AT THE PROJECT NECESSARY TO ENSURE COMPLIANCE. IF BMPs ARE NECESSARY OUTSIDE THE EASEMENTS PROCURED FOR THIS PROJECT, THEN IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADDITIONAL TEMPORARY EASEMENTS OR RIGHT-OF ENTRY BEFORE WORK CAN BEGIN ON PRIVATE PROPERTY.
- OFF SITE SURFACE WATER DISCHARGES, DISCHARGES TO THE MS4, OR DISCHARGES TO ONSITE WETLANDS OR SURFACE WATERS WITH TURBIDITY IN EXCESS OF 29 NEPHELOMETRIC TURBIDITY UNITS (NTUS) ABOVE BACKGROUND LEVEL SHALL BE IMMEDIATELY CORRECTED. SUCH INCIDENTS SHALL BE REPORTED TO SARASOTA COUNTY WITHIN 24 HOURS OF THE OCCURRENCE (PH: 941.861.5000; EMAIL: REPORTPOLLUTION@SCGOV.NET). THE REPORT SHALL INCLUDE THE CAUSE OF THE DISCHARGE AND CORRECTIVE ACTIONS TAKEN.
- THE OPERATOR SHALL ENSURE THAT ADJACENT PROPERTIES ARE NOT IMPACTED BY WIND EROSION, OR EMISSIONS OF UNCONFINED PARTICULATE MATTER IN ACCORDANCE WITH RULE 62 296.320(4)(C)1, F.A.C., BY TAKING APPROPRIATE MEASURES TO STABILIZE AFFECTED AREAS.
- FUEL AND OTHER PETROLEUM PRODUCT SPILLS THAT ENTER STORMWATER DRAINS OR WATER BODIES, OR FUEL AND OTHER PETROLEUM PRODUCT SPILLS THAT ARE IN EXCESS OF 25 GALLONS SHALL BE CONTAINED, CLEANED UP, AND IMMEDIATELY REPORTED TO SARASOTA COUNTY (PH: 941.861.5000; EMAIL: REPORTPOLLUTION@SCGOV.NET). SMALLER GROUND SURFACE SPILLS SHALL BE CLEANED UP AS SOON AS PRACTICAL.
- IF PREVIOUSLY UNKNOWN RECOGNIZED ENVIRONMENTAL CONDITIONS (E.G. CONTAMINATED SOIL AND/OR GROUNDWATER, BURIED WASTES, ETC.) ARE DISCOVERED DURING DEVELOPMENT OF THE SITE, ALL ACTIVITY IN THE IMMEDIATE VICINITY SHALL CEASE, AND SARASOTA COUNTY SHALL BE CONTACTED (PH: 941.861.5000; EMAIL: REPORTPOLLUTION@SCGOV.NET).
- PRIOR TO RENOVATION OR DEMOLITION OF EXISTING ON-SITE STRUCTURES AN ASBESTOS SURVEY AND/OR ASBESTOS NOTIFICATION MAY BE REQUIRED.
- FERTILIZER APPLICATION SHALL BE CONSISTENT WITH CHAPTER 54, ARTICLE XXXII (FERTILIZER AND LANDSCAPE MANAGEMENT) OF THE SARASOTA COUNTY CODE.
- NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM – DEWATERING: IF NOT OTHERWISE COVERED AS OUTLINED UNDER PART 3.4 OF THE GENERIC PERMIT, THE DISCHARGE OF GROUNDWATER PRODUCED THROUGH DEWATERING, TO SURFACE WATERS, OR TO ANY PORTION OF THE MS4 WILL REQUIRE SEPARATE PERMITTING FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP). PERMIT(S) SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF DEWATERING. ANALYTICAL RESULTS FROM PRE DISCHARGE TESTING SHALL BE PROVIDED TO SARASOTA COUNTY PURSUANT TO CHAPTER 54, ARTICLE VII (WATER POLLUTION CONTROL) OF THE COUNTY CODE.

SARASOTA'S NOTES:

- THE FOLLOWING NGS VERTICAL CONTROL POINT WAS RECOVERED AND UTILIZED FOR THE ELEVATIONS HEREIN : "175 83 A51" NAVD 1988 ELEVATION 48.20'.
- THIS SURVEY IS REFERENCED TO A GRID PROJECTION OF THE FLORIDA STATE PLANE COORDINATE SYSTEM (NAD 83/2011 ADJUSTMENT).
- THIS SURVEY IS SUBJECT TO ADDITIONAL PERTINENT EASEMENTS, RIGHTS-OF-WAY AND RESTRICTIONS OF RECORD, IF ANY.
- TITLE WORK WAS NOT SUPPLIED FOR THIS SURVEY.
- THIS SURVEY DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF THE PARTY OR PARTIES CERTIFIED TO FOR THE EXPRESS PURPOSE STATED HEREON AND/OR CONTAINED IN THE CONTRACT BETWEEN HYATT SURVEY SERVICES, INC. AND THE CLIENT FOR THIS PROJECT. COPYING, DISTRIBUTING AND/OR USING THIS DRAWING IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN ORIGINALLY INTENDED WITHOUT WRITTEN CONSENT FROM HYATT SURVEY SERVICES, INC. IS STRICTLY PROHIBITED AND RENDERS THE SURVEYOR'S CERTIFICATION, SIGNATURE AND SEAL NULL AND VOID. ANY QUESTIONS CONCERNING THE CONTENT OR PURPOSE OF THIS DRAWING SHOULD BE DIRECTED TO HYATT SURVEY SERVICES, INC.

SARASOTA COUNTY NOTES:

- ALL PIPING AND ASSOCIATED APPURTENANCES, INCLUDING JOINT RESTRAINTS, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST SARASOTA COUNTY UTILITY CODE AND UTILITY MANUAL, AND ALL APPLICABLE STATE AND LOCAL REGULATIONS.
- MINIMUM HORIZONTAL AND VERTICAL SEPARATION SHALL CONFORM TO THE LATEST FDEP RULES.
- FOR TREES, A MINIMUM HORIZONTAL SEPARATION SHALL BE PROVIDED TO PROTECT THE UTILITIES AND THE TREES. NO UTILITIES ARE TO BE INSTALLED WITHIN THE "DRIP LINE" OF A PROTECTED TREE UNLESS THE PIPELINE IS INSTALLED BY DIRECTIONAL BORE OR JACK AND CORE CONSTRUCTION METHODS.
- A MINIMUM DISTANCE OF A TEN FEET (10') OR TWO TIMES THE DEPTH OVER THE MAIN, WHICHEVER IS GREATER, MUST BE MAINTAINED FROM ALL BUILDINGS, FOUNDATIONS, AND THE TOP OF BANK OF ALL PONDS.
- POTABLE WATER, RECLAIMED WATER, AND WASTEWATER PIPES SHALL BE CONSTRUCTED WITH A MINIMUM THIRTY-SIX INCHES (36") OF COVER UNLESS OTHERWISE APPROVED BY COUNTY UTILITIES.
- PRESSURE AND LEAKAGE TESTING WILL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THIS UTILITY MANUAL.
- DISINFECTION OF THE WATER MAIN SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THIS UTILITY MANUAL.
- IN THE CASE WHERE CONTAMINATED SOIL IS FOUND WITHIN THE UTILITY WORK ZONE, WORK WILL BE STOPPED AND THE PROPER AUTHORITIES NOTIFIED. WITH THE APPROVAL OF SARASOTA COUNTY AND/OR THE FDEP, ALL WATER MAINS AND SERVICE LINES (FROM MAIN TO THE CROSS-CONNECTION DEVICE) WITHIN THE CONTAMINATED AREA SHALL BE DUCTILE IRON PIPE AND FITTINGS WITH APPROVED SOLVENT RESISTANT GASKET MATERIAL. THE DUCTILE IRON PIPE WILL EXTEND ATLEAST ONE HUNDRED FEET (100') BEYOND THE CONTAMINATED AREA.
- WATER METERS WILL NOT BE INSTALLED PRIOR TO ISSUANCE OF THE AUTHORIZATION TO PLACE INTO SERVICE, FOR THE WATER AND WASTEWATER SYSTEM. IRRIGATION METERS MAY BE USED AT THE TIME OF WATER SYSTEM CLEARANCE.
- ALL TAPS, TO BE MADE BY THE CONTRACTOR, SHALL BE NOTED ON THE PLANS, AND COORDINATED WITH THE COUNTY UTILITIES INSPECTOR A MINIMUM OF FORTY-EIGHT (48 HOURS) PRIOR TO CONSTRUCTION.

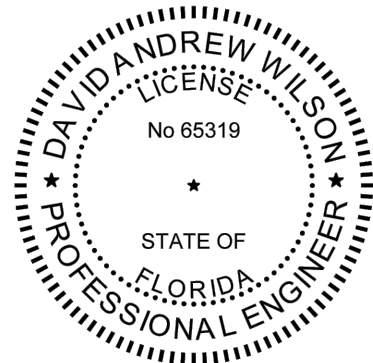


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SARASOTA COUNTY, FLORIDA
SARASOTA COUNTY
PUBLIC UTILITES
DEPARTMENT

HOME DEPOT MPS
AND FM

100% BID SUBMITTAL

NO.	DATE	ISSUED FOR	BY

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2024

DATE: OCTOBER 2025

PROJECT NO.: 30036073

FILE NAME: G-02

DESIGNED BY: ARPITA MEHER

DRAWN BY: SHIVAKUMAR

CHECKED BY: DAVID WILSON

SHEET TITLE

GENERAL

GENERAL NOTES

SCALE: AS SHOWN

G-02

SHEET

02

OF

98

2024-H-104-00313

Mark A. Brown

10/30/2025

User: J05HYC4656 Spec: AUS-NCSMOD File: C:\USERS\J05HYC4656\Documents\ARCADIS\AUS-30036073-HOME DEPOT-LS AND FM\PROJECT FILES\0-WIP\GENERAL\G-03.DWG Scale: 1:1 Saved Date: 10/29/2025 Time: 16:20 Plot Date: Joshy, Chothira, 10/29/2025, 18:24 : Layout: G-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.

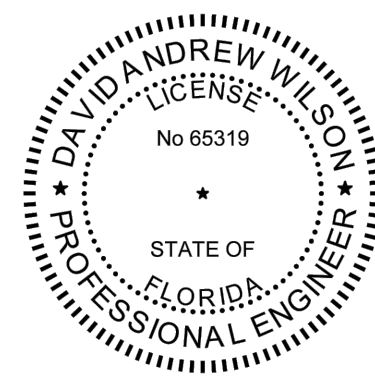


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DEPARTMENT

HOME DEPOT MPS
AND FM

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NO.	DATE	ISSUED FOR	BY

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2024

DATE:	OCTOBER 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

User: J05HYC4656 Spec: AUS-NCSMOD File: C:\USERS\J05HYC4656\Documents\ARCADIS\AUS-30036073-HOME DEPOT LS AND FM\PROJECT FILES\0_WIP\CIVIL\XC-01.DWG Scale: 1:1 Saved Date: 10/29/2025 Time: 8:11 Plot Date: Jeshy, Chaitra: 10/29/2025; 18:28 ; Layout: C-01



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

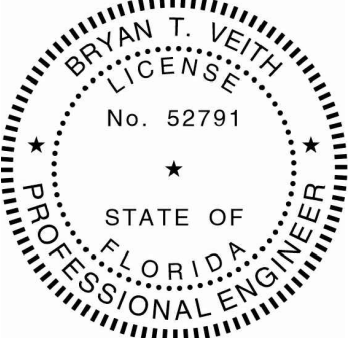


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PROJECT NO.:	30036073
FILE NAME:	C-01
DESIGNED BY:	ALEX SPEKTOR
DRAWN BY:	SHIVAKUMAR
CHECKED BY:	TIM WARE

SHEET TITLE

CIVIL

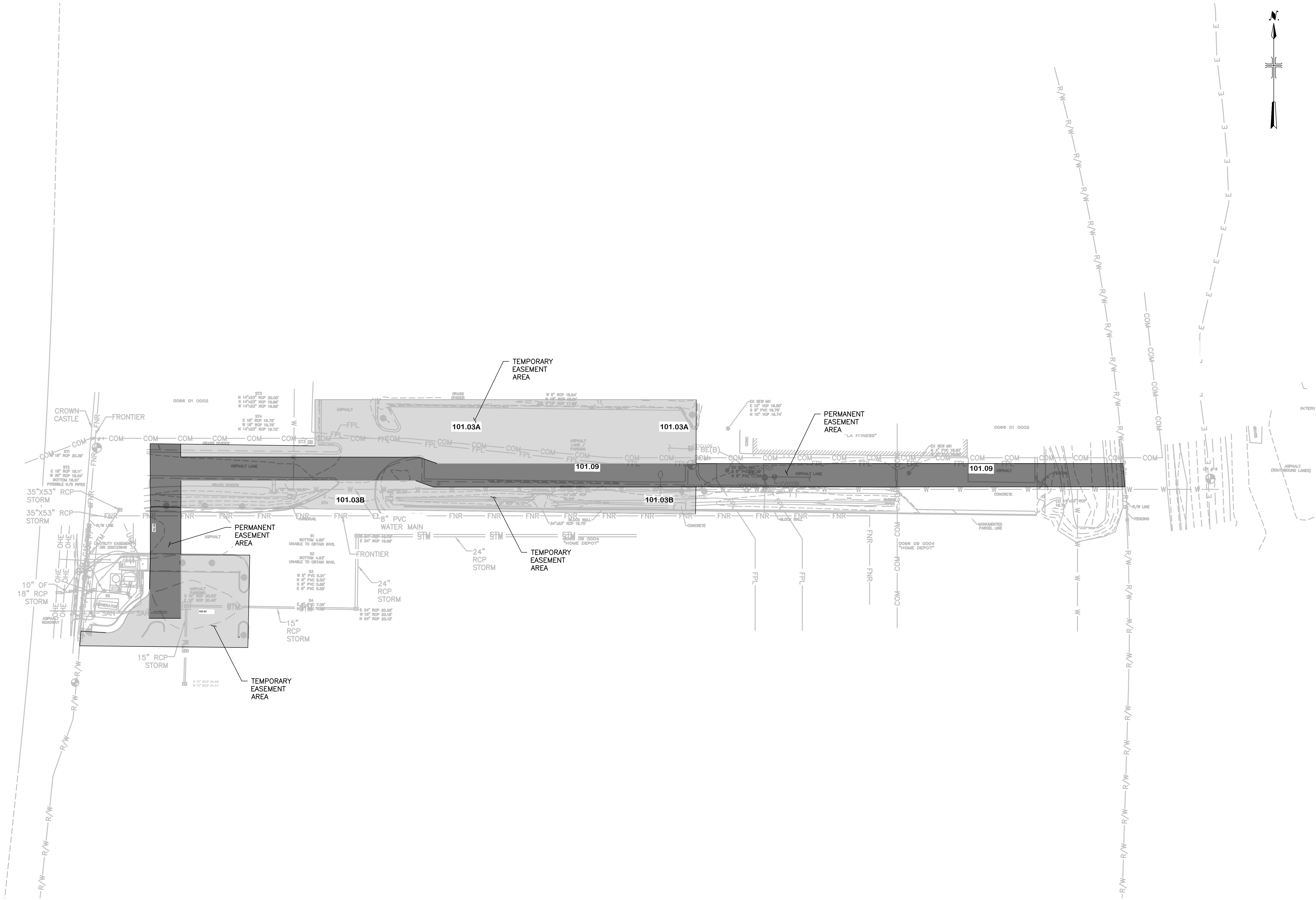
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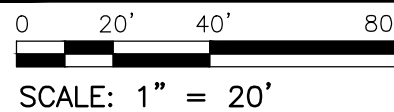
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SHEET 04 OF 58
2025-H-104-00313
Mark A. Brown
10/30/2025

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SITE PLAN



LEGEND

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

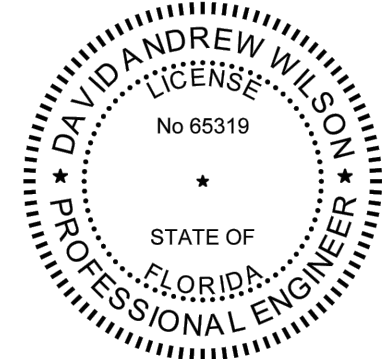


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PROJECT NO.: 30036073
FILE NAME: C-02
DESIGNED BY: ARPITA MEHER
DRAWN BY: SHIVAKUMAR
CHECKED BY: DAVID WILSON

SHEET TITLE

CIVIL

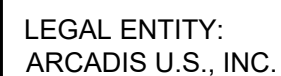
EASEMENT AND
LAYDOWN AREAS
OVERVIEW

SCALE: AS SHOWN

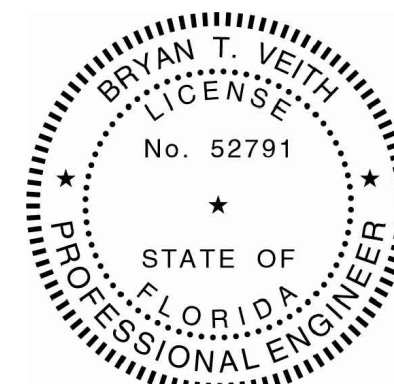
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SHEET 05 OF 58

Approved
Mark A. Brown
10/30/2025



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DATE:	OCTOBER 2025
PROJECT NO.:	30036073
FILE NAME:	C-03
DESIGNED BY:	ALEX SPEKTOR
DRAWN BY:	SHIVAKUMAR
CHECKED BY:	TIM WARE

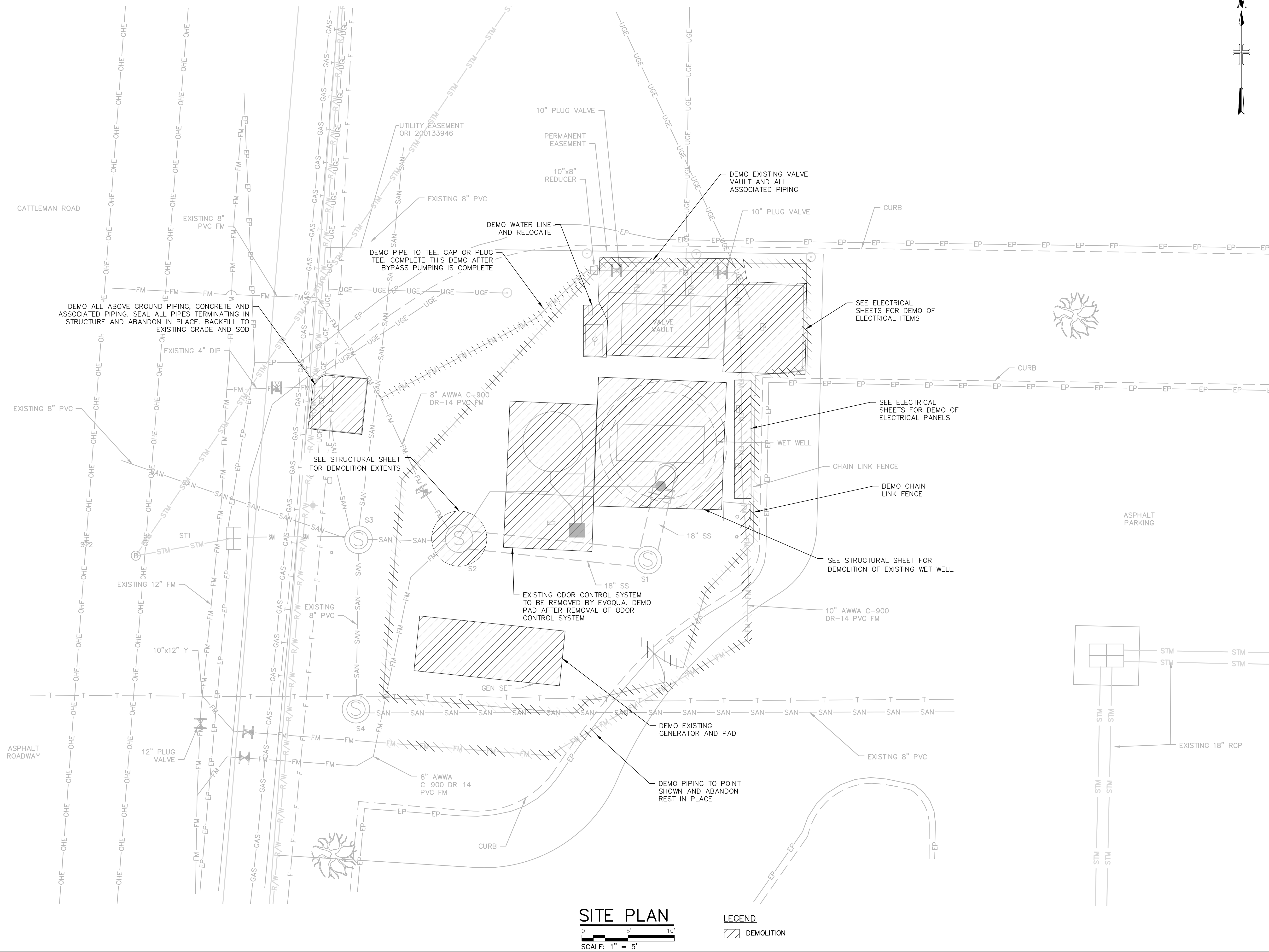
SHEET TITLE

CIV

DEMOLITION SITE PLAN

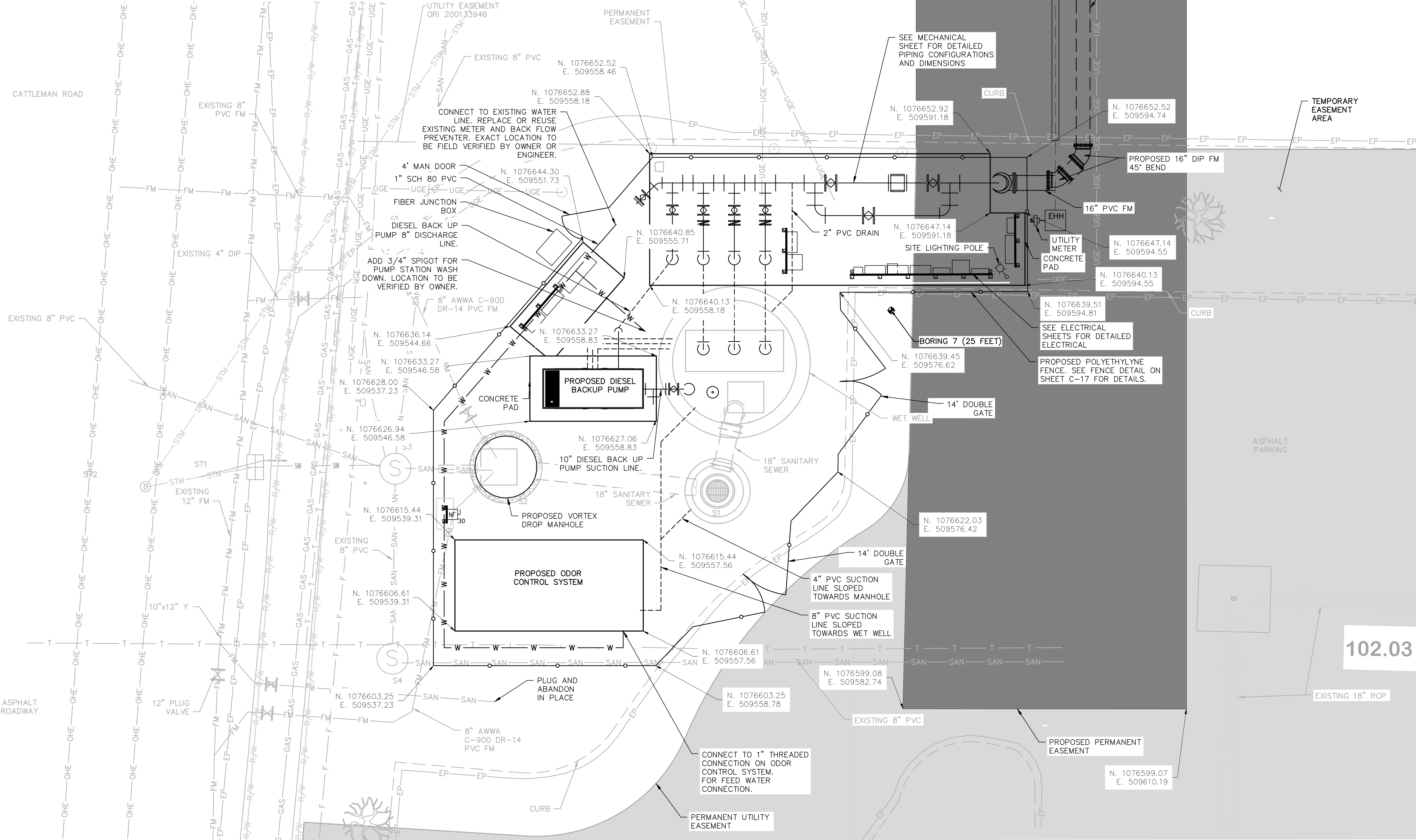
SCALE: AS SHOWN

C-03
SHEET 06 OF 58
Approved
2025-H-124-003
Mark A. Brown
10/30/2025

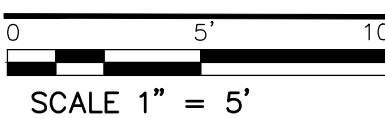


NOTES:

- 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 MIRASCAPE 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 WILL. 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.



SITE PLAN



SCALE 1" = 5'

LEGEND

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

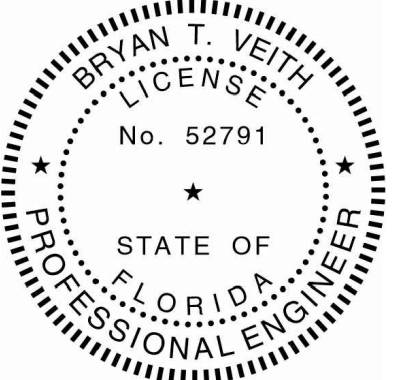


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DEPARTMENT

HOME DEPOT MPS
AND FM

100% BID SUBMITTAL

NO.	DATE	ISSUED FOR	BY

COPYRIGHT: ARCADIS U.S., INC.
2024

DATE: OCTOBER 2025
PROJECT NO.: 30036073
FILE NAME: C-04
DESIGNED BY: ALEX SPEKTOR
DRAWN BY: SHIVAKUMAR
CHECKED BY: TIM WARE

SHEET TITLE

CIVIL

PROPOSED
SITE PLAN

SCALE:
AS SHOWN

C-04

07 OF 58

10/30/2025

Mark A. Brown

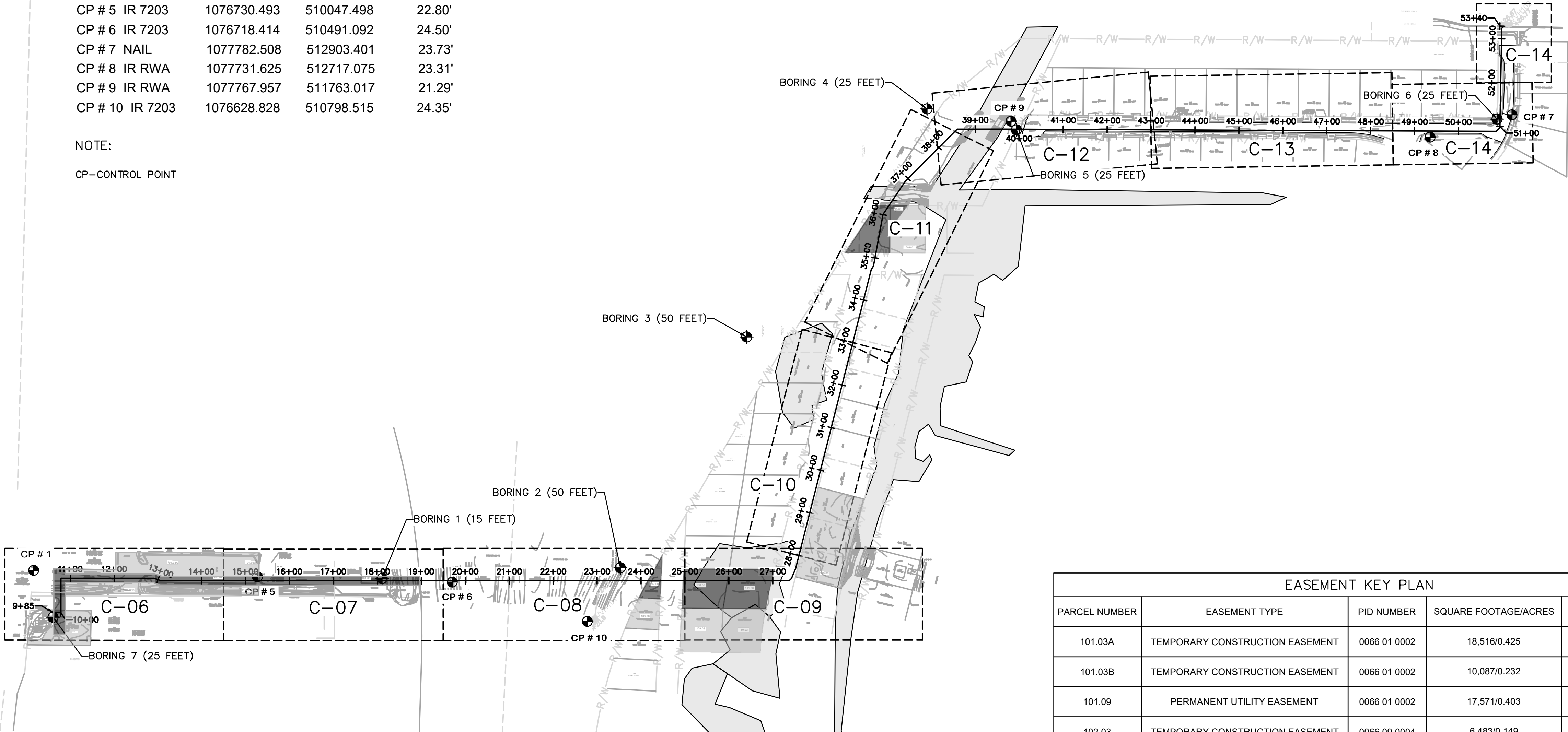
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SITE CONTROL

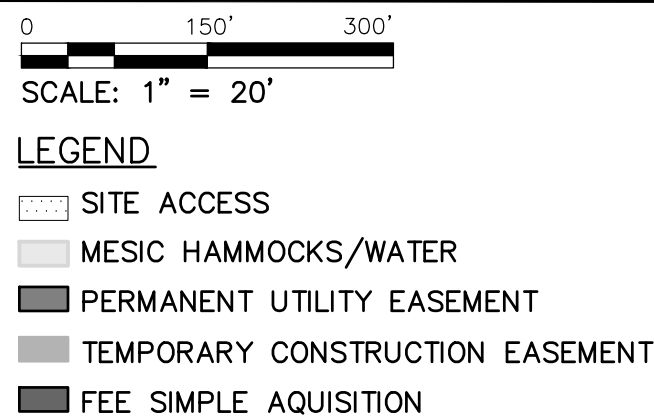
DESIGNATION	NORTHING	EASTING	ELEVATION
CP # 1 IR 7203	1076745.005	509538.275	23.45'
CP # 5 IR 7203	1076730.493	510047.498	22.80'
CP # 6 IR 7203	1076718.414	510491.092	24.50'
CP # 7 NAIL	1077782.508	512903.401	23.73'
CP # 8 IR RWA	1077731.625	512717.075	23.31'
CP # 9 IR RWA	1077767.957	511763.017	21.29'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

NOTE:

CP—CONTROL POINT

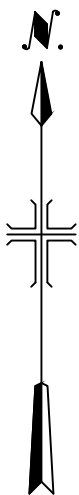


OVERALL KEY PLAN



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. CONTACTOR 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.

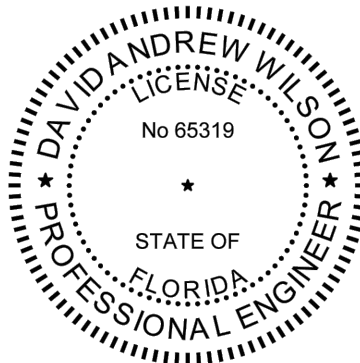


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DEPARTMENT

HOME DEPOT MPS
AND FM

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NO.	DATE	ISSUED FOR	BY
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2024

DATE: OCTOBER 2025
PROJECT NO.: 30036073
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

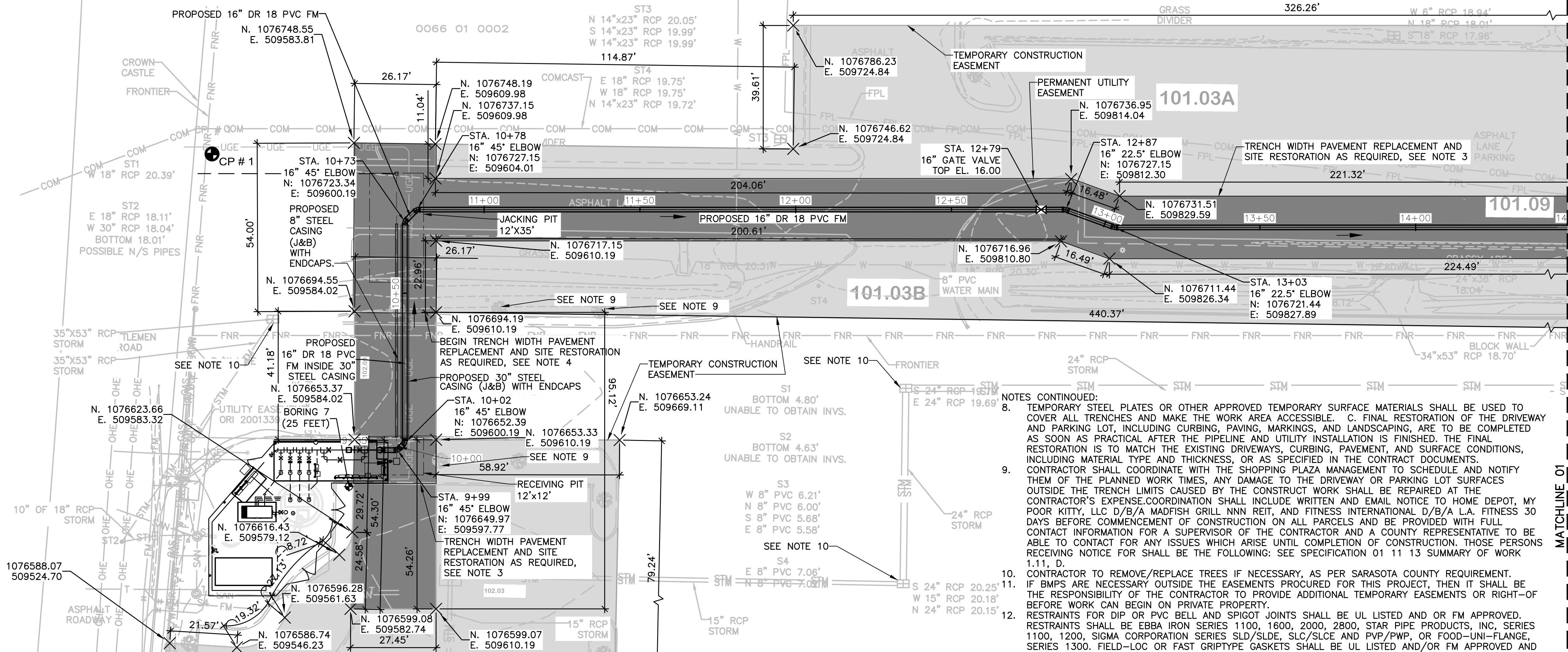
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C-05

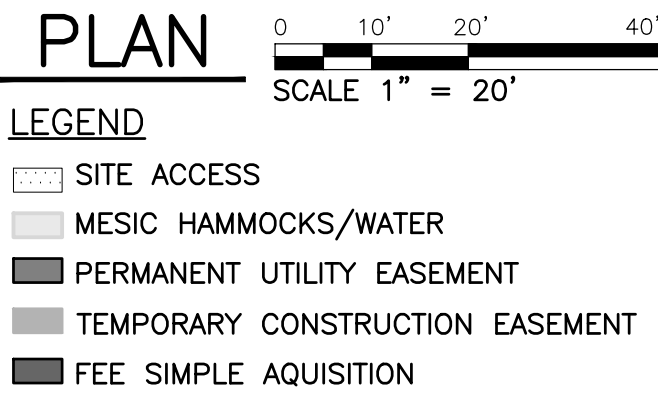
SHEET 08 OF 08

Approved
Mark A. Brown
10/30/2025

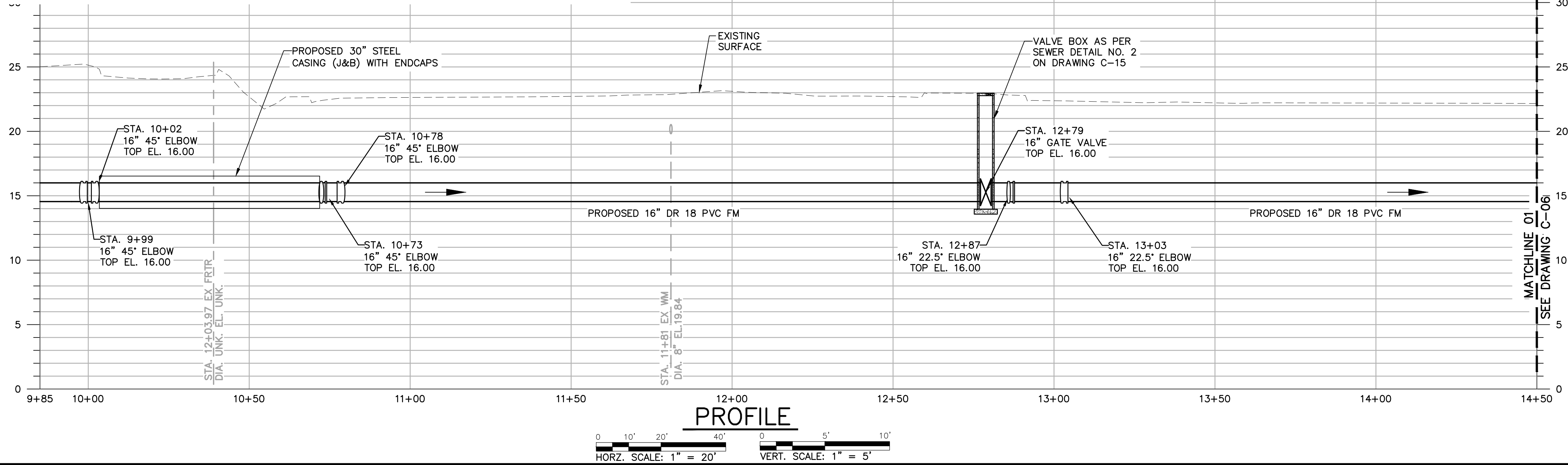
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- NOTES:
- CONTRACTOR TO ENSURE THAT A NEUTRAL OR NEGATIVE UPHILL GRADE IS MAINTAINED AND PROVIDE AN AIR RELEASE OR A COMBINATION OF AIR VACUUM RELEASE VALVES INSIDE THE VAULTS AT ALL HIGH POINTS, AS APPROPRIATE.
 - FORCE MAIN SHALL BE INSTALLED WITH 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.
 - PAVEMENT RESTORATION SHALL BE IN ACCORDANCE WITH UDC, ARTICLE 18, APPENDIX F.
 - ALL WORK RELATED TO THE DRIVEWAY CROSSING AND IN THE PARKING LOTS MUST BE PERFORMED DURING NIGHTTIME HOURS ON WEEKENDS (SATURDAY NIGHT AFTER 11 P.M. AND SUNDAY NIGHT AFTER 9 P.M.) TO MINIMIZE TRAFFIC AND BUSINESS DISRUPTIONS. THE WORK SITE IS TO BE SECURED AND TRAFFIC CONTROL MEASURES TO BE INSTALLED PER CONTRACT REQUIREMENTS. EXCEPT FOR SATURDAY AND SUNDAY NIGHTS AS DESCRIBED IN THIS PARAGRAPH, NO VEHICLES, EQUIPMENT AND/OR MATERIALS SHALL BE PARKED OR STORED WITHIN THE NORTH-SOUTH ACCESS DRIVEWAY. THE AFFECTED DRIVEWAY AND PARKING LOTS ARE TO BE OPERABLE FOR SAFE PEDESTRIAN AND VEHICULAR TRAFFIC BY 5 A.M. ON SATURDAY AND SUNDAY MORNINGS AND BY 4 A.M. ON MONDAY MORNINGS LOCAL TIME. ADDITIONALLY, THERE WILL BE A PERIOD OF EIGHT WEEKS WHERE THE AREA OF THE L.A. FITNESS PARKING LOT WITHIN THE SUBJECT EASEMENT AREA WILL NOT BE AVAILABLE WHILE THE CONTRACTOR CONDUCTS OPEN CUT PIPE INSTALLATION AND DIRECTIONAL DRILLING.



- NOTES CONTINUED:
- 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 CONSTRUCT WORK SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. COORDINATION SHALL INCLUDE WRITTEN AND EMAIL NOTICE TO HOME DEPOT, MY POOR KITTY, LLC D/B/A MADFISH GRILL NNN REIT, AND FITNESS INTERNATIONAL D/B/A L.A. FITNESS 30 DAYS BEFORE COMMENCEMENT OF CONSTRUCTION ON ALL PARCELS AND BE PROVIDED WITH FULL CONTACT INFORMATION FOR A SUPERVISOR OF THE CONTRACTOR AND A COUNTY REPRESENTATIVE TO BE ABLE TO CONTACT FOR ANY ISSUES WHICH ARISE UNTIL COMPLETION OF CONSTRUCTION. THOSE PERSONS RECEIVING NOTICE FOR SHALL BE THE FOLLOWING: SEE SPECIFICATION 01 11 13 SUMMARY OF WORK 1.11, D.
 - CONTRACTOR TO REMOVE/REPLACE TREES IF NECESSARY, AS PER SARASOTA COUNTY REQUIREMENT. IF BMPs ARE NECESSARY OUTSIDE THE EASEMENTS PROCURED FOR THIS PROJECT, THEN IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADDITIONAL TEMPORARY EASEMENTS OR RIGHT-OF-BEFORE WORK CAN BEGIN ON PRIVATE PROPERTY.
 - 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 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.
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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.



MATCHLINE 01
SEE DRAWING C-07

MATCHLINE 01
SEE DRAWING C-06

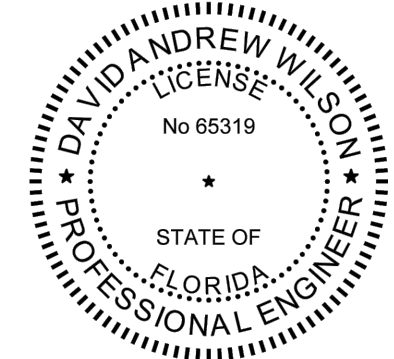


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HOME DEPOT MPS
AND FM

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DATE: OCTOBER 2025
PROJECT NO.: 30036073
FILE NAME: C-06
DESIGNED BY: ARPITA MEHER
DRAWN BY: SHIVAKUMAR
CHECKED BY: DAVID WILSON

SHEET TITLE

CIVIL

PLAN AND PROFILE

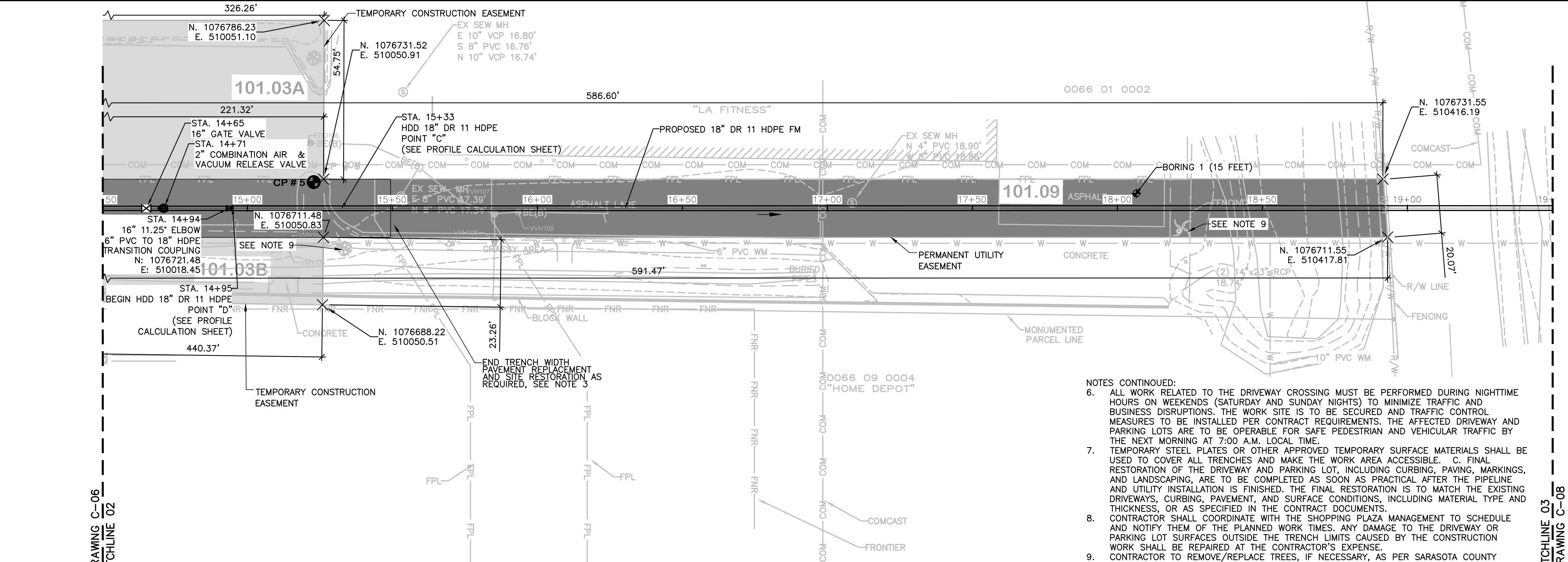
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C-06

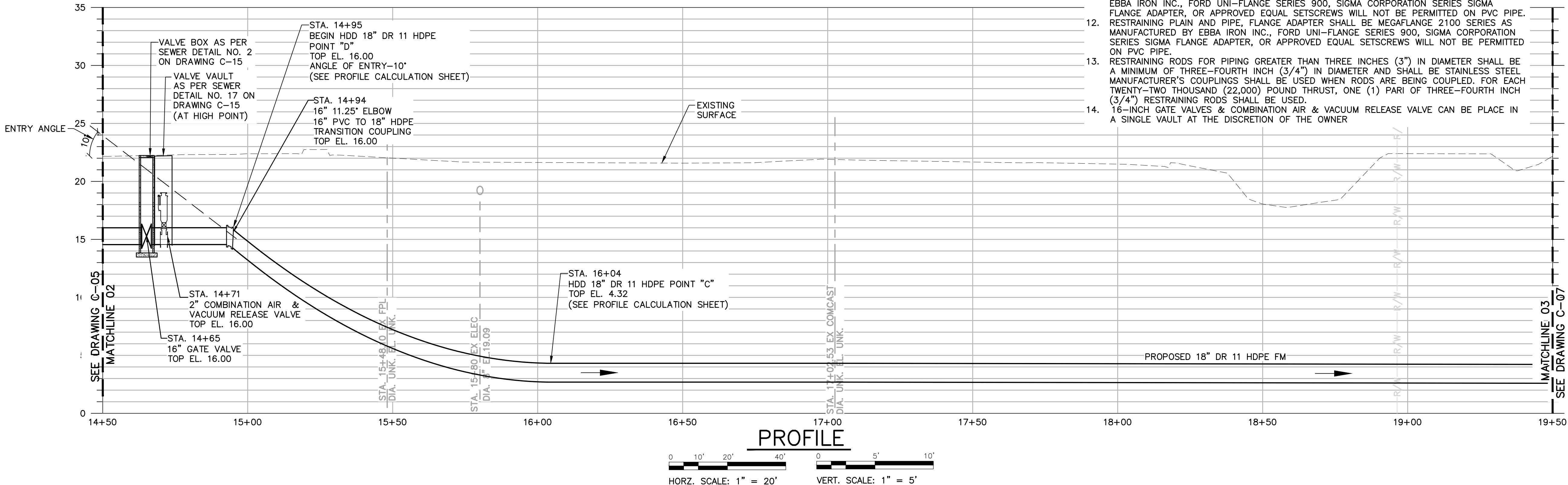
SHEET 09 OF 58

Approved
Mark A. Brown
10/30/2025

User: JOSH4656 Spec: AUS-NC5MOD File: C:\Users\JOSH4656\Documents\ARCADIS\AUS-30036073-HOME DEPOT-LS AND FM\PROJECT FILES\0_WIP\GV\VC-07.DWG Scale: 1:1 Saved Date: 10/29/2025 Time: 16:30 Plot Date: Jobby, Chathra: 10/29/2025; 18:23 : Layout: C-07



- 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.
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 - 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 MEGAFANGE 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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 - 16-INCH GATE VALVES & COMBINATION AIR & VACUUM RELEASE VALVE CAN BE PLACE IN A SINGLE VAULT AT THE DISCRETION OF THE OWNER

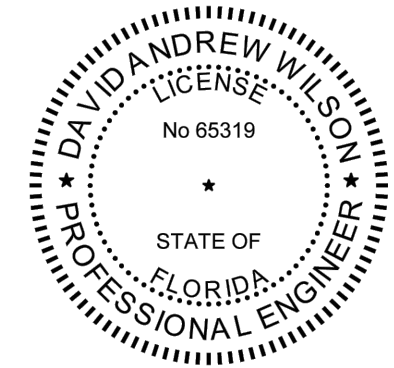


CONSULTANTS



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DEPARTMENT

HOME DEPOT MPS
AND FM

100% BID SUBMITTAL

NO.	DATE	ISSUED FOR	BY

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DATE: OCTOBER 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

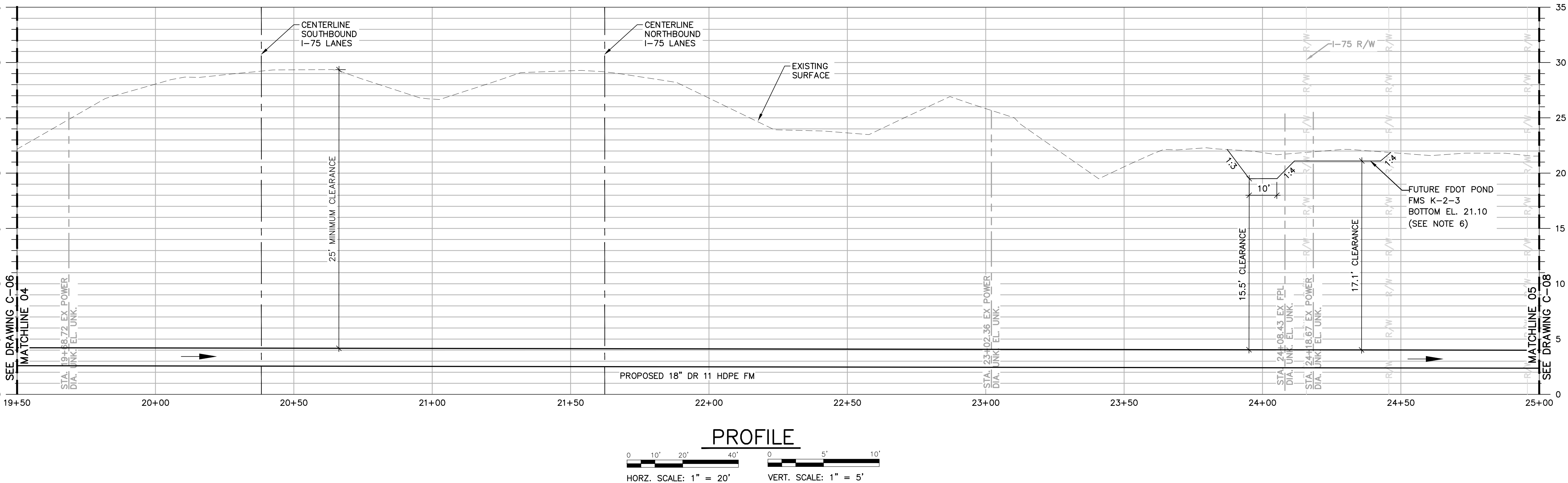
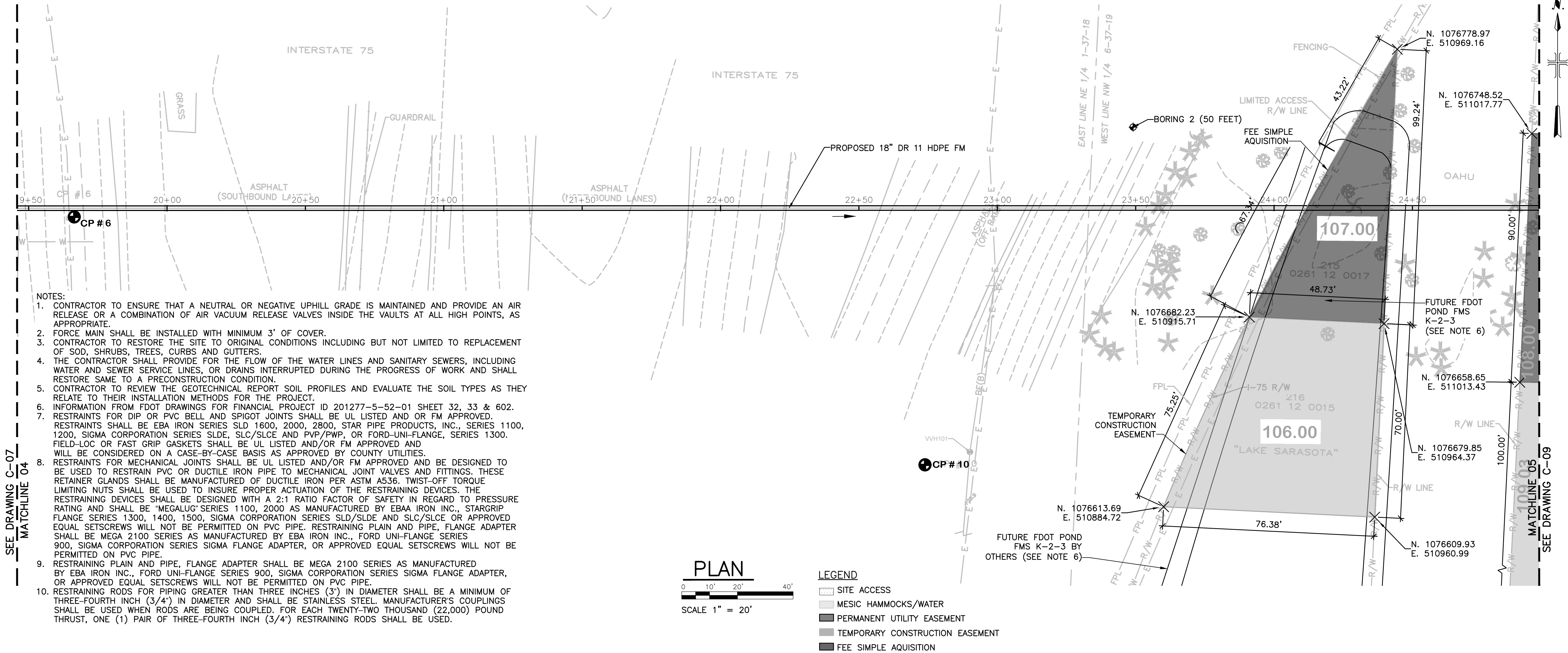
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C-07 Approved

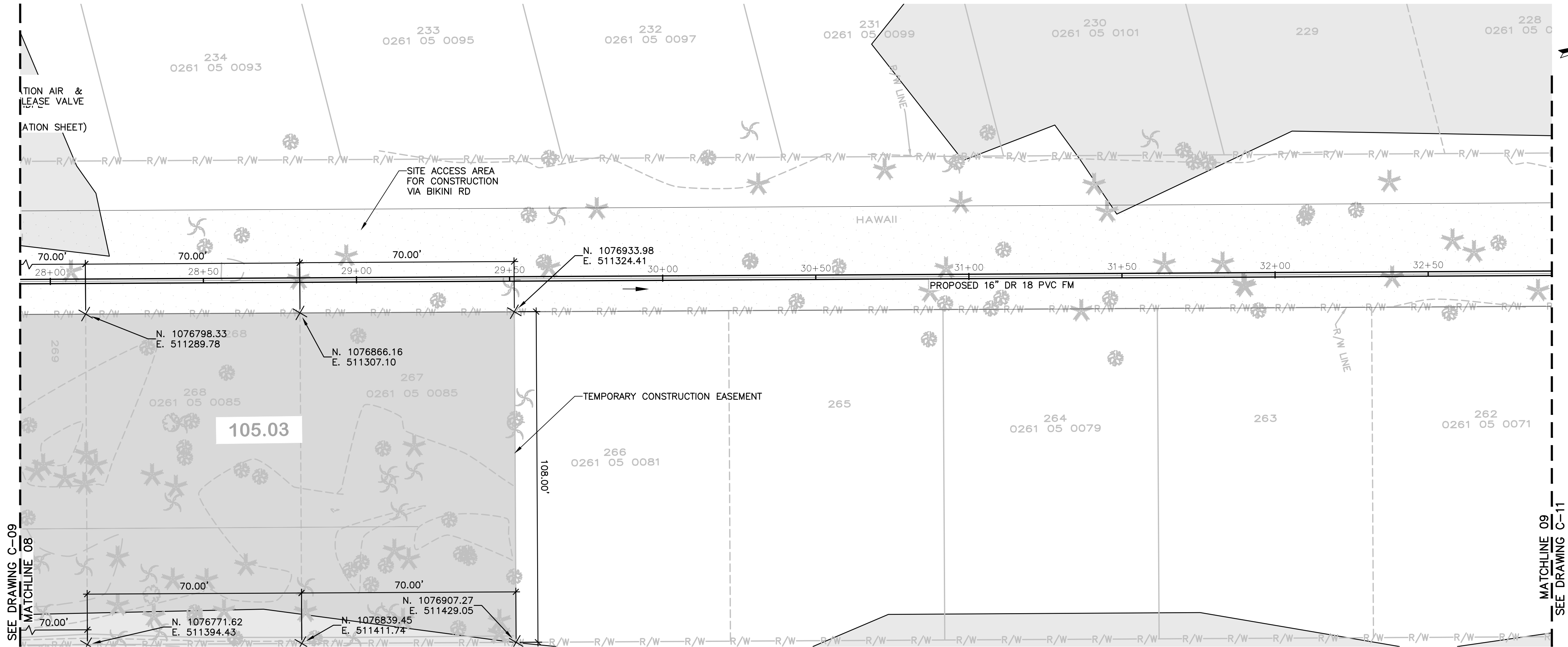
SHEET 10 OF 58

Mark A. Brown
10/30/2025

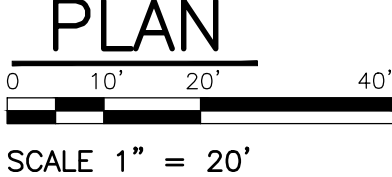
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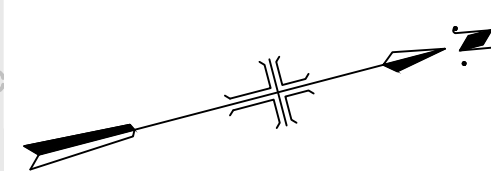
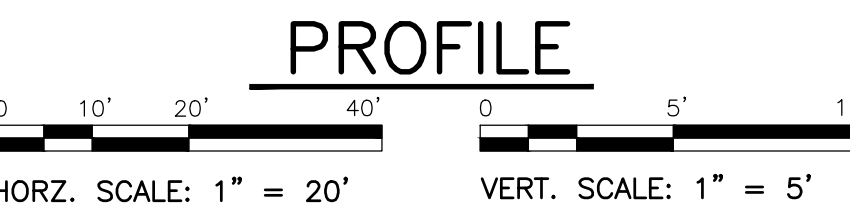
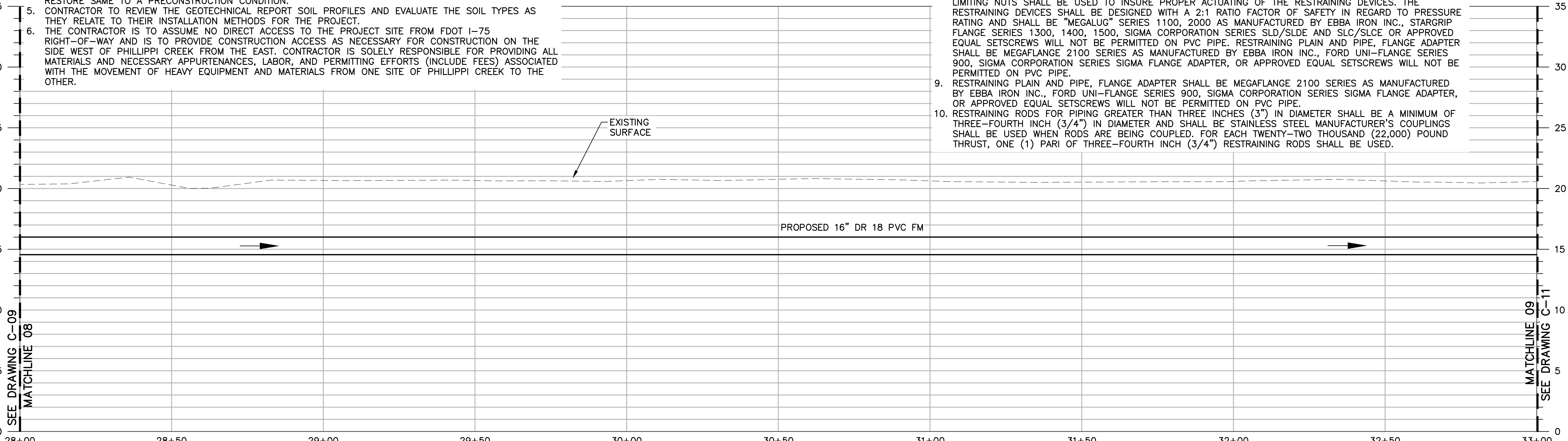


- NOTES:
- CONTRACTOR TO ENSURE THAT A NEUTRAL OR NEGATIVE UPHILL GRADE IS MAINTAINED AND PROVIDE AN AIR RELEASE OR A COMBINATION OF AIR VACUUM RELEASE VALVES INSIDE THE VAULTS AT ALL HIGH POINTS, AS APPROPRIATE.
 - FORCE MAIN SHALL BE INSTALLED WITH MINIMUM 3' OF COVER.
 - CONTRACTOR TO RESTORE THE 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.



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

- 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, SLG/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 SLG/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 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 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) PARI OF THREE-FOURTH INCH (3/4") RESTRAINING RODS SHALL BE USED.

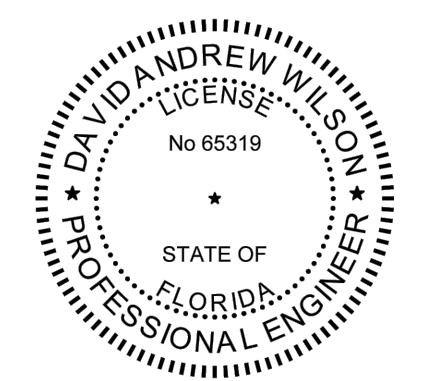


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SARASOTA COUNTY
PUBLIC UTILITES
DEPARTMENT

HOME DEPOT MPS
AND FM

100% BID SUBMITTAL

NO.	DATE	ISSUED FOR	BY

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2024

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

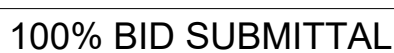
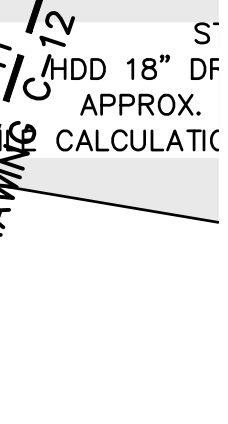
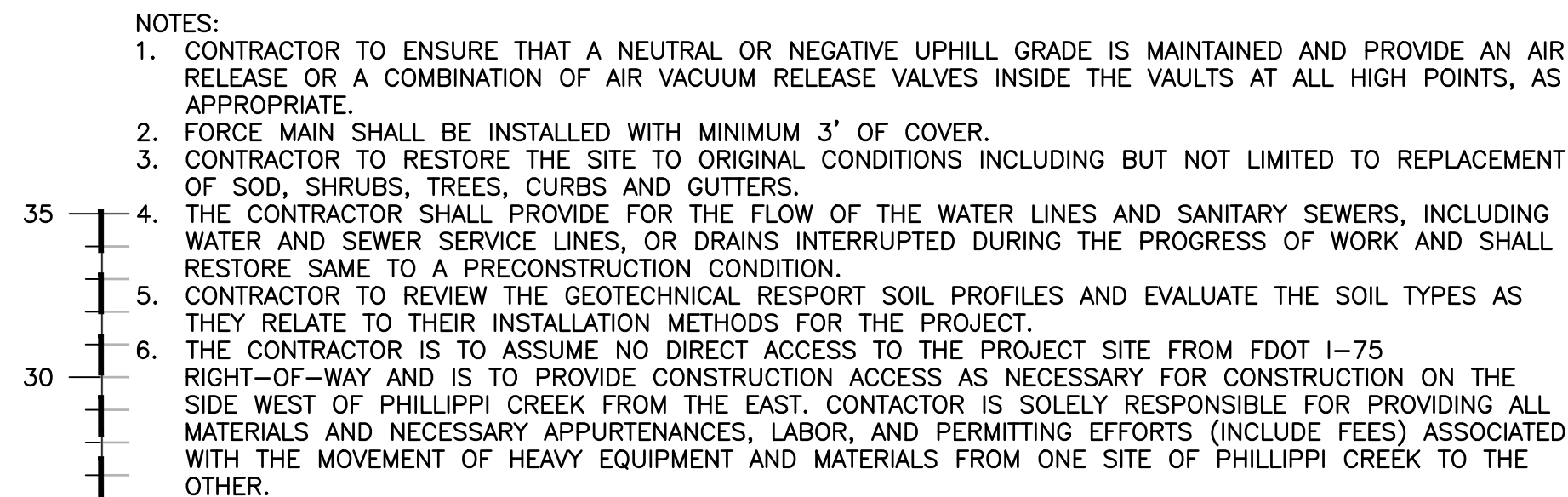
SHEET TITLE

CIVIL

PLAN AND PROFILE

SCALE: AS SHOWN

C-10
SHEET 13 OF 18
Approved
Mark A. Brown
10/30/2025

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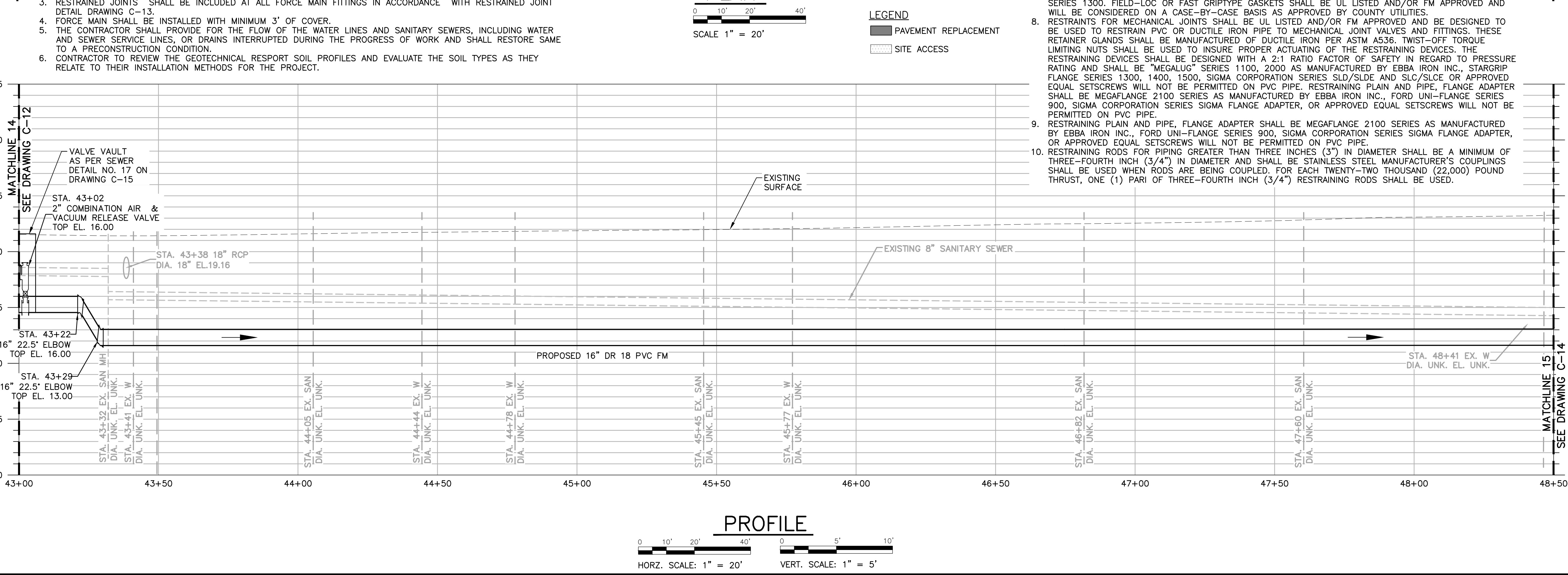
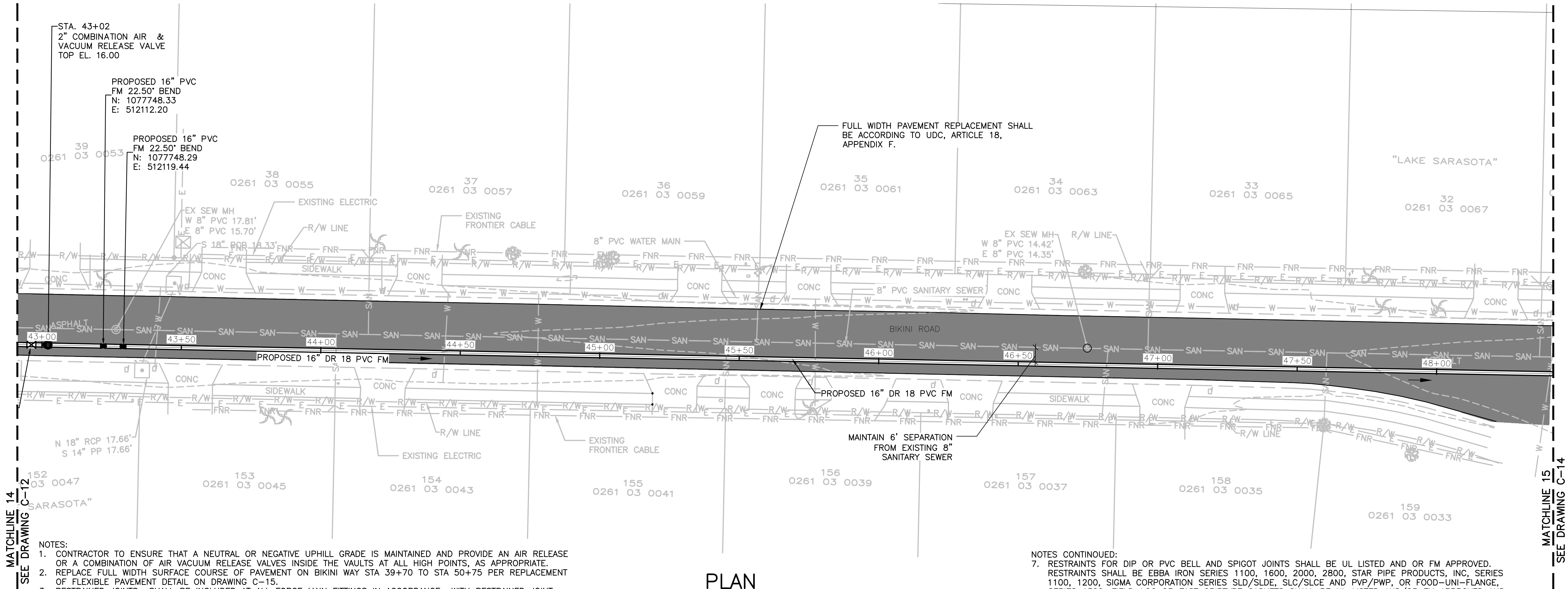
CHECKED BY: DAVID WILSON

CIN

C-11 Approved

SHEET 14 OF 58

User: JOSH4656 Spec: AUS-NSM000 File: C:\USERS\JOSH4656\Documents\ARCADIS\AUS-30036073-HOME DEPOT LS AND FM\PROJECT FILES\0_WIP\CVL\C-13.DWG Scale: 1:1 Saved Date: 10/29/2025 Time: 16:50 Plot Date: Jeshy Chaitra: 10/29/2025; 19:27 ; Layout: C-13



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HOME DEPOT MPS
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DATE: OCTOBER 2025

PROJECT NO.: 30036073

FILE NAME: C-13

DESIGNED BY: STEVE TOPOVSKI

DRAWN BY: SHIVAKUMAR

CHECKED BY: BRYAN VEITH

SHEET TITLE

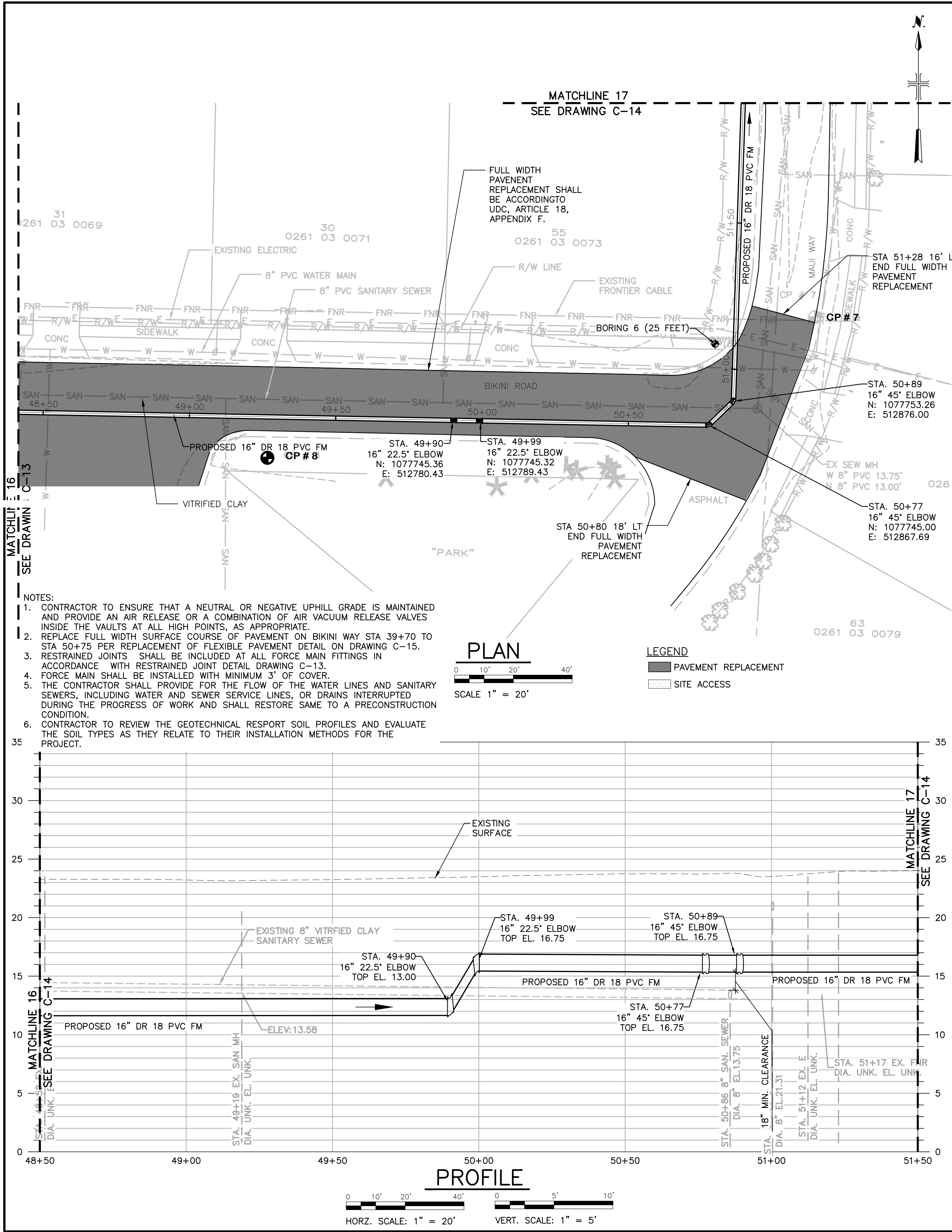
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PLAN AND PROFILE

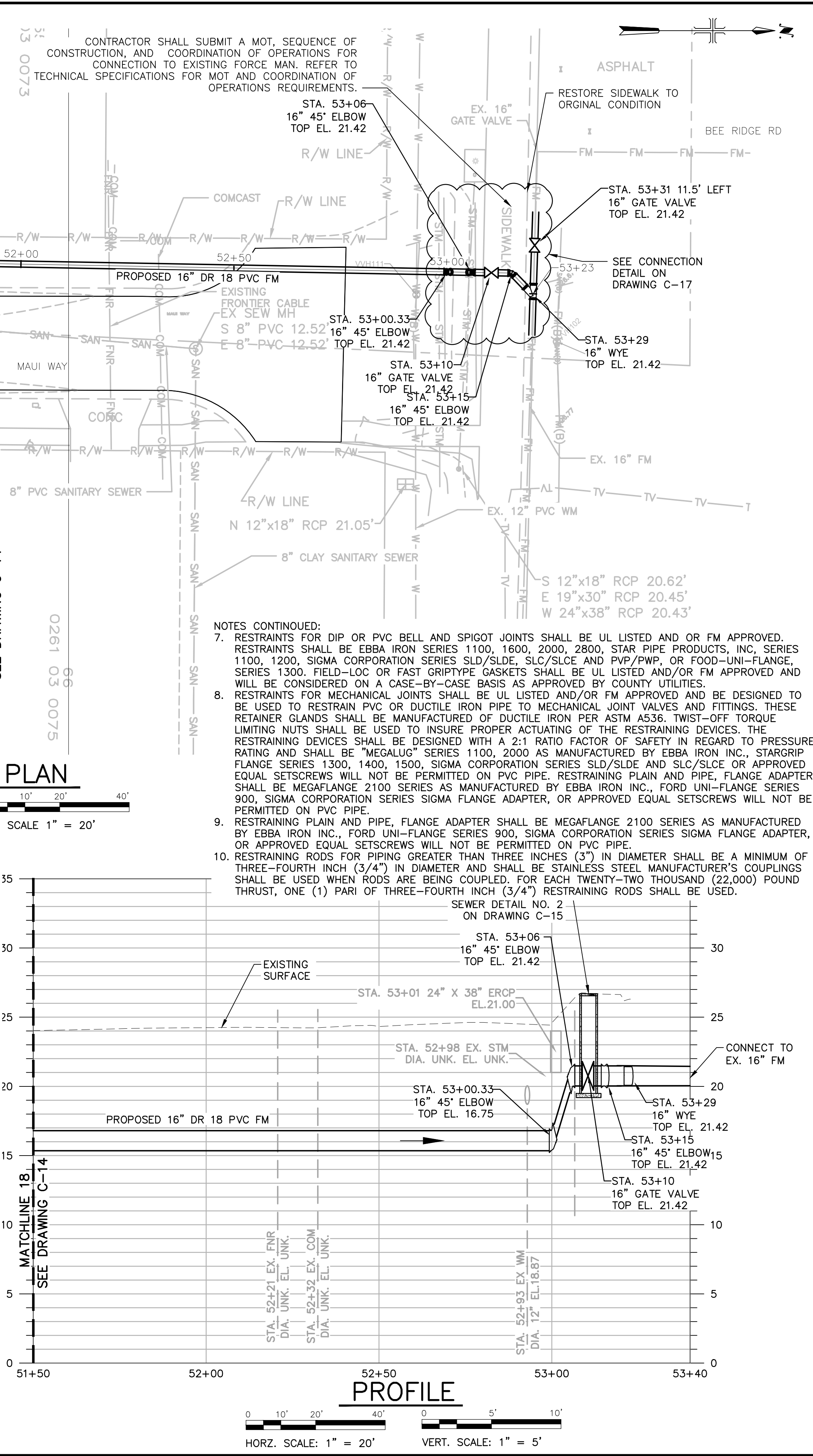
SCALE: AS SHOWN

C-13 Approved
2025-H-114-00313
Mark A. Brown
10/30/2025

SHEET 16 OF 58



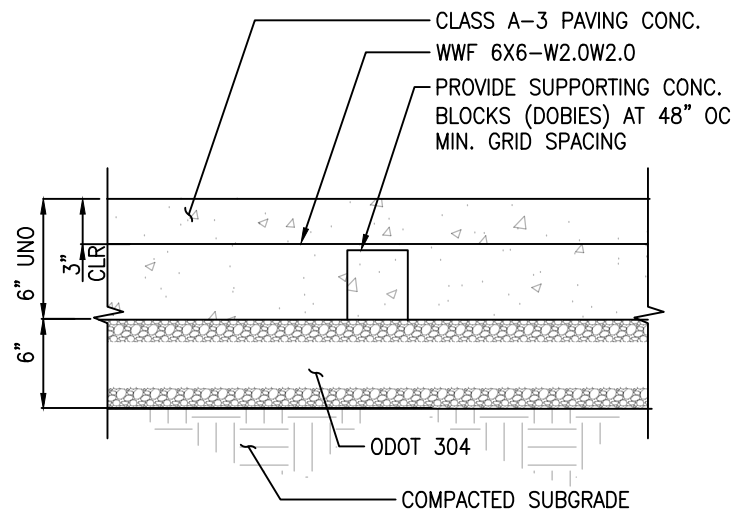
MATCHLINE 18
 SEE DRAWING C-14

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NOTES:

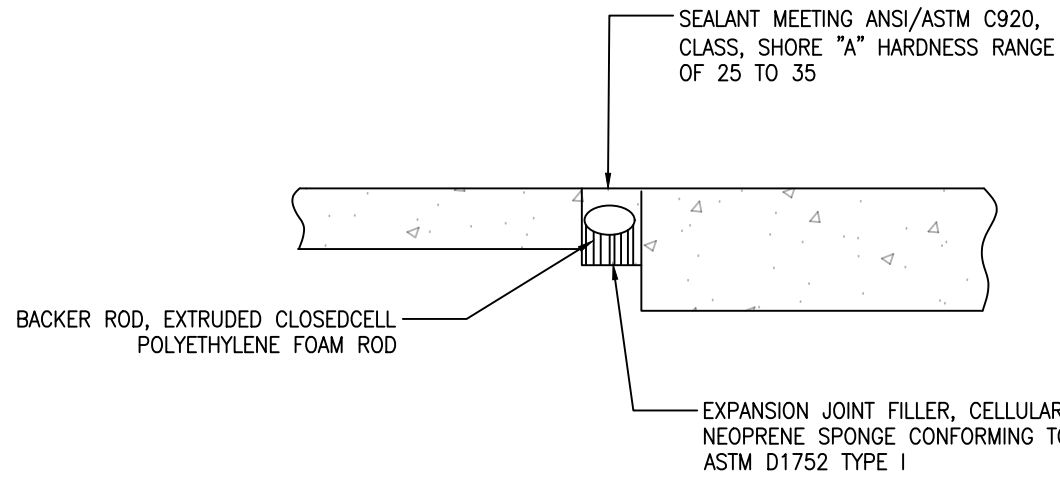
1. SIDEWALKS:
- A. ALL SIDEWALKS SHALL COMPLY WITH FDOT INDICES 522-001 AND 522-002 AND BE A MINIMUM OF 5 FEET IN WIDTH AND 4 INCHES IN DEPTH WHEN NOT AT A DRIVEWAY OR WITHIN 2 FEET OF THE FACE OF CURB.
- B. SIDEWALKS WITH LESS THAN 2 FEET FROM THE FACE OF A HIGH-BACK SHALL BE A MINIMUM OF 6 FEET IN WIDTH.
- C. SIDEWALKS TRANSVERSING DRIVEWAYS SHALL BE A MINIMUM OF 6 INCHES IN DEPTH.
- D. SIDEWALKS AND DRIVEWAYS WITHIN THE RIGHT OF WAY SERVING COMMERCIAL SITES SHALL BE A MIN. 6 INCHED IN DEPTH AND INCLUDE 6X6 #10 WIRE MESH OR #3 REBAR AT 6 INCHES ON CENTER.
- E. SIDEWALK CROSS SLOPES SHALL BE DESIGNED AT 1.5% WITH A MAXIMUM CONSTRUCTED SLOPE OF 2.0%.
- F. OBSTRUCTIONS SUCH AS LIGHT POLES SHALL NOT BE PERMITTED WITHIN THE SIDEWALK.
- G. LINEAR SLOPES, RAMPS, ETC. SHALL COMPLY WITH CURRENT ADA STANDARDS.
- H. SIDEWALK CONCRETE SHALL BE A MIN. 3,000 PSI.
2. DRAINAGE DITCHES:
- A. ALL DRAINAGE DITCH SLOPES SHALL BE DESIGNED WITH A SLOPE OF 1 TO 4 (V TO H) EXCEPT AS NOTED BELOW.
- B. DRAINAGE DITCH SHALL HAVE A MAXIMUM SLOPE OF 1 TO 2.5 (V TO H) WHEN 1 TO 4 CANNOT BE ACHIEVED DUE TO RIGHT OF WAY LIMITS.
- C. DITCH BOTTOM WIDTH SHALL BE A MIN. 3 FEET WIDE UNLESS DESIGN CALCULATIONS REQUIRE WIDER.
3. UTILITY/DRAINAGE CUTS AND ROAD REPAIRS:
- A. MAXIMUM SIZE OF TEMPORARY REPAIR PATCHES WITHOUT MILL AND RESURFACE SHALL NOT EXCEED:
- I. 7 FEET IN ANY DIRECTION, OR
- II. 15 SQUARE FEET IN AREA.
- B. WHEN THE PAVEMENT REPLACEMENT SIZE EXCEEDS 3.A ABOVE, THE RECONSTRUCTION MAY BE DONE IN TWO PHASES.
- I. PHASE 1 CUT PAVEMENT AT TRENCH WIDTH PLUS ONE FOOT EACH SIDE. COMPACT BACKFILL AND ROAD BASE. PATCH WITH ASPHALT.
- II. PHASE 2 WITHIN 3 MONTHS (OR PRIOR TO END OF THE CURRENT PHASE OF DEVELOPMENT) MILL AND RESURFACE PER TECHNICAL DETAIL AND NOTES.
- C. PAVED ROAD CUTS LESS THAN 100 FEET APART (CENTER TO CENTER) SHALL BE RESURFACED AS ONE.
- D. A MAXIMUM OF FOUR (4) PAVEMENT CUTS WITHIN ANY 1,000 FOOT LENGTH IS PERMITTED WITHOUT FULL LENGTH RESURFACING. GREATER THAN FOUR CUTS WILL REQUIRE CONTINUOUS MILL AND RESURFACE FOR ALL TRAVEL IMPACTED.
- E. ANY PAVEMENT CUT GREATER THAN A PATCH SIZE NOTED IN 4.A ABOVE SHALL BE MILLED AND RESURFACED THE FULL WIDTH OF THE TRAVEL LANE. (SEE UTILITY CUT DETAIL)
- F. NO PAVEMENT SHALL BE ADDED TO EXISTING PAVEMENT WITHOUT A FULL RESURFACING OF THE TRAVEL LANE WHERE PAVEMENT IS ADDED.
- G. TEMPORARY REPAIR PATCHES ARE PERMITTED AS NOTED ON THE "UTILITY/DRAINAGE CUT DETAIL" SHEETS PROVIDED THAT THE FINAL MILLING AND RESURFACING OF THE LANE(S) IS COMPLETED WITHIN 3 MONTHS OF CONSTRUCTION.
- H. REPLACE ALL PAVEMENT MARKINGS

4. PAVEMENT MARKINGS AND TRAFFIC SIGNS SHALL COMPLY WITH CURRENT MUTCD AND FDOT STANDARDS. ALL SIGN PANELS SHALL UTILIZE 3M™ REFLECTIVE SHEETING 3930 SERIES HIP HI INTENSITY OR 4090 SERIES DG® DIAMOND GRADE CUBED OR APPROVED EQUAL.
5. ASPHALT MIX SHALL BE SUPERPAVE PER SECTION 334 (OR AS REVISED) FDOT STANDARDS.
6. ROADWAY BASE AND SUB-BASE MATERIAL SHALL COMPLY WITH FDOT STANDARDS OR AS APPROVED BY SARASOTA COUNTY ENGINEER PRIOR TO PLANS APPROVAL.
7. ALL ROADWAY AND ASSOCIATED ELEMENTS WITHIN THE RIGHT OF WAY SHALL BE DESIGNED AND CONSTRUCTED PER FDOT CURRENT STANDARDS AND SPECIFICATIONS EXCEPT AS NOTED WITHIN THIS COUNTY TECHNICAL STANDARD.
8. NO WORK MAY BE PERFORMED IN COUNTY RIGHT OF WAY WITHOUT FIRST SECURING A COUNTY RIGHT OF WAY USE PERMIT. A TEMPORARY TRAFFIC CONTROL PLAN (TTCP) MUST ALSO BE SUBMITTED WITH DESIGN PLANS WHEN THE WORK IS WITHIN THE PAVEMENT OR SHOULDERS OF THE ROAD OR MAY DISRUPT TRAFFIC. A TTCP IS REQUIRED TO BE SUBMITTED TO THE COUNTY WITH OR WITHOUT CONSTRUCTION PLANS FOR OPEN CUTTING OF A ROAD. NO CONSTRUCTION MAY BE STARTED UNTIL THE TTCP IS APPROVED BY APPROPRIATE STAFF OF THE PUBLIC WORKS DEPT. OR PLANNING AND DEVELOPMENT SERVICES DEPT.
9. ALL CONSTRUCTION WITHIN THE COUNTY RIGHT OF WAY SHALL BE DOCUMENTED WITH AS-BUILT DRAWINGS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER OR SURVEYOR. AS-BUILT DRAWINGS DETAILS SHALL BE PER COUNTY STANDARDS. PRIVATE DRIVEWAYS, SIDEWALKS, BUS PADS AND OTHER MINOR ITEMS SHALL BE EXEMPT FROM THIS REQUIREMENT.
10. ALL UTILITY RELATED WORK SHALL COMPLY WITH THE FDOT UTILITY ACCOMMODATION MANUAL (UAM) - CURRENT VERSION.



CONCRETE ACCESS DRIVEWAY

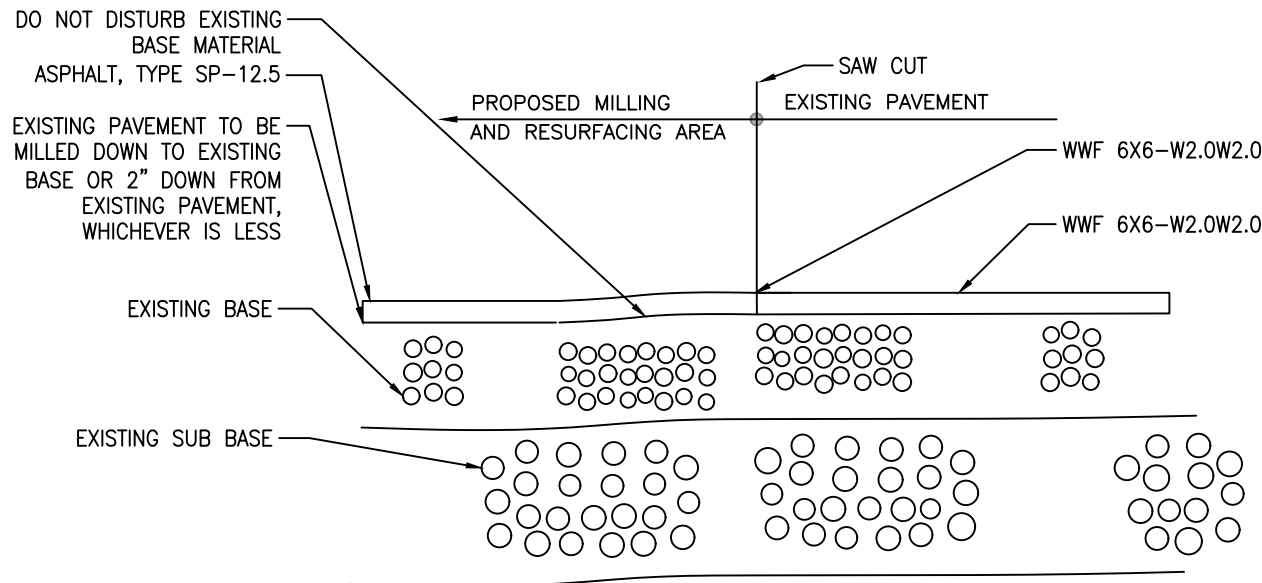
N.T.S.



- NOTES:
- CONTRACTOR SHALL SUBMIT EXPANSION JOINT PRODUCT DATA SHEETS FOR REVIEW AND APPROVAL.

EXPANSION JOINT DETAIL

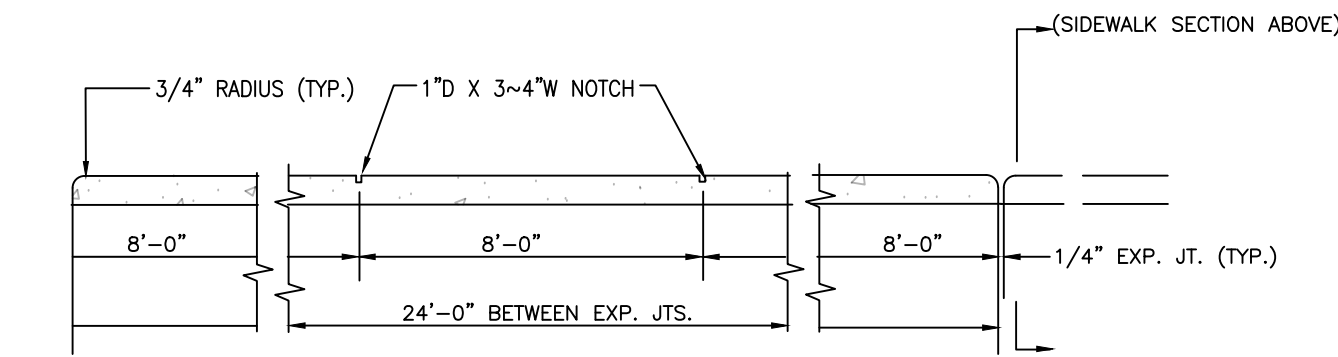
N.T.S.



- NOTES:
1. TYPICAL DETAIL FOR AREAS TO BE MILLED AND RE-SURFACED.
2. AT LOCATIONS WHERE OVERLAY WILL TIE-IN TO EXISTING PAVEMENT, CONTRACTOR SHALL SAW-CUT OR MILL A CLEAN STRAIGHT EDGE OF THE EXISTING PAVEMENT (TYP) ALONG THE PROPOSED RESURFACE AREA, AND MATCH THE EXISTING PAVEMENT..

TYPICAL PAVEMENT MILLING AND RESURFACING

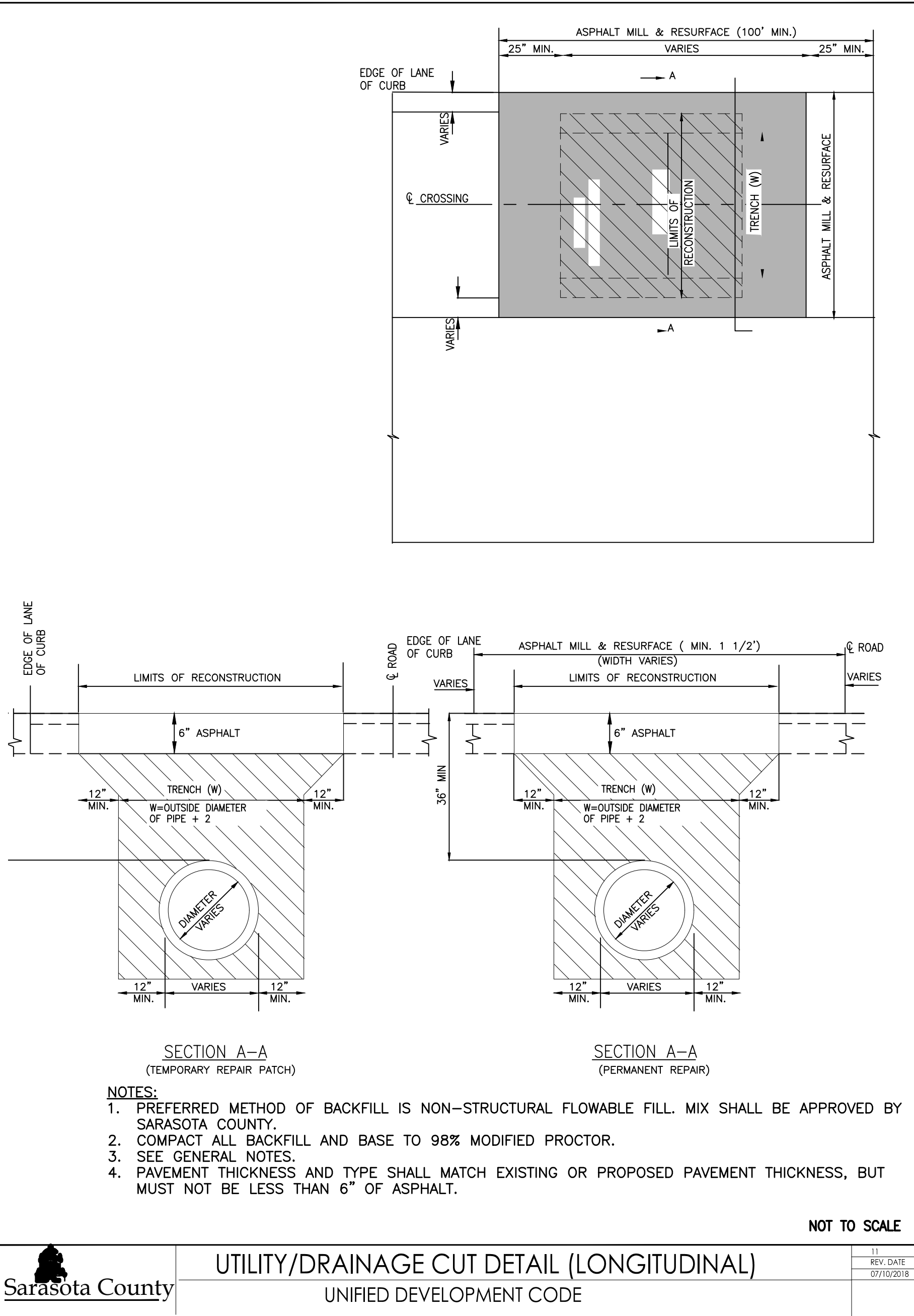
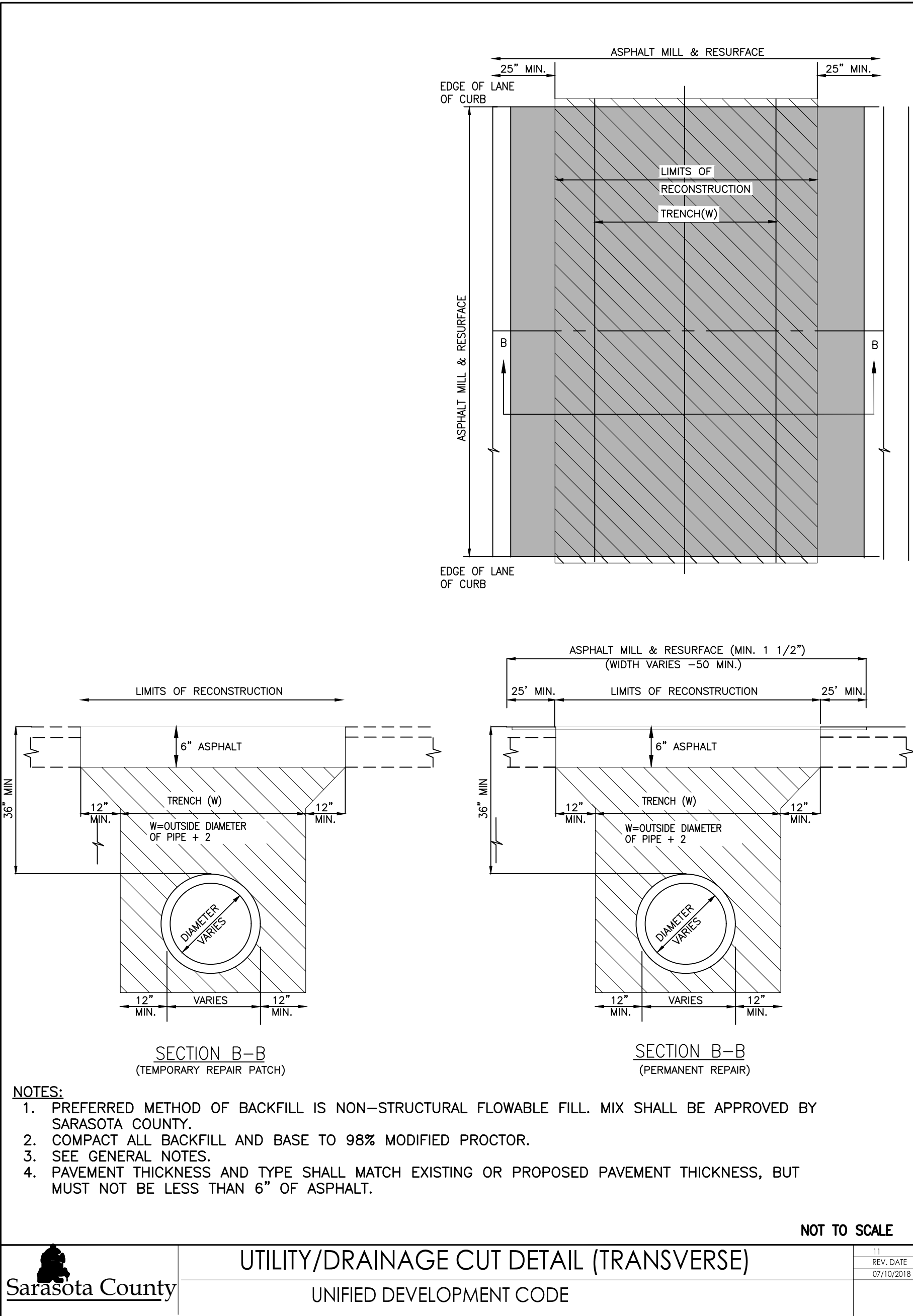
N.T.S.



- NOTES:
- THE CONTRACTOR SHALL CONSTRUCT AN EXPANSION JOINT - AT SPACINGS SHOWN ABOVE, AT THE END OF DAYS WORK, POINTS OF CURVATURE, AND AT ADJOINING STRUCTURES.

SIDEWALK DETAIL

N.T.S.



Sarasota County

CONSULTANTS

ARCADIS

LEGAL ENTITY:
ARCADIS U.S., INC.

VEITH ENGINEERING & BUSINESS SOLUTIONS

SEALS

BRYAN T. VEITH
LICENSE
No. 52791
STATE OF FLORIDA
PROFESSIONAL ENGINEER

DIVID ANDREW WILSON
LICENSE
No. 65319
STATE OF FLORIDA
PROFESSIONAL ENGINEER

NON-SARASOTA COUNTY DETAILS ONLY

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HOME DEPOT MPS
AND FM

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DATE: OCTOBER 2025

PROJECT NO.: 30036073

FILE NAME: C-17

DESIGNED BY: A MEHER, S TOPOVSKI

DRAWN BY: SHIVAKUMAR

CHECKED BY: D WILSON, B VEITH

SHEET TITLE

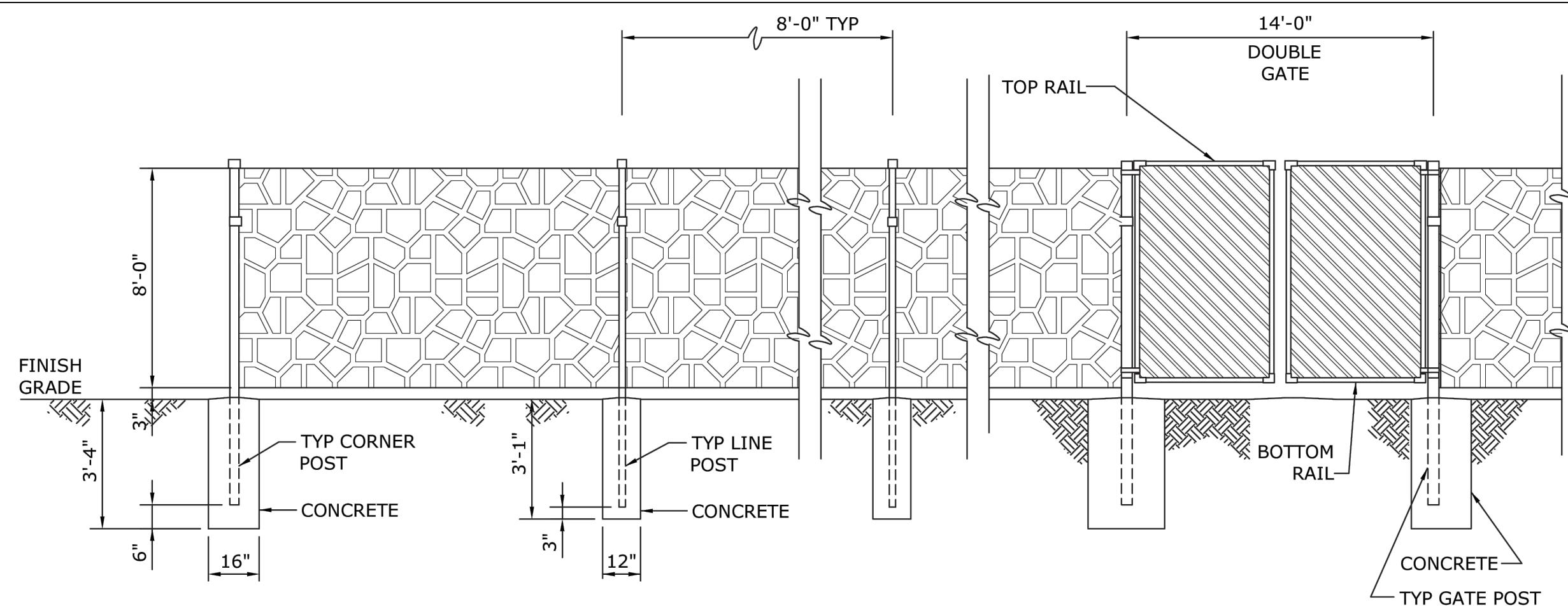
CIVIL

DETAILS-3

SCALE: AS SHOWN

C-17

SHEET 20 OF 58

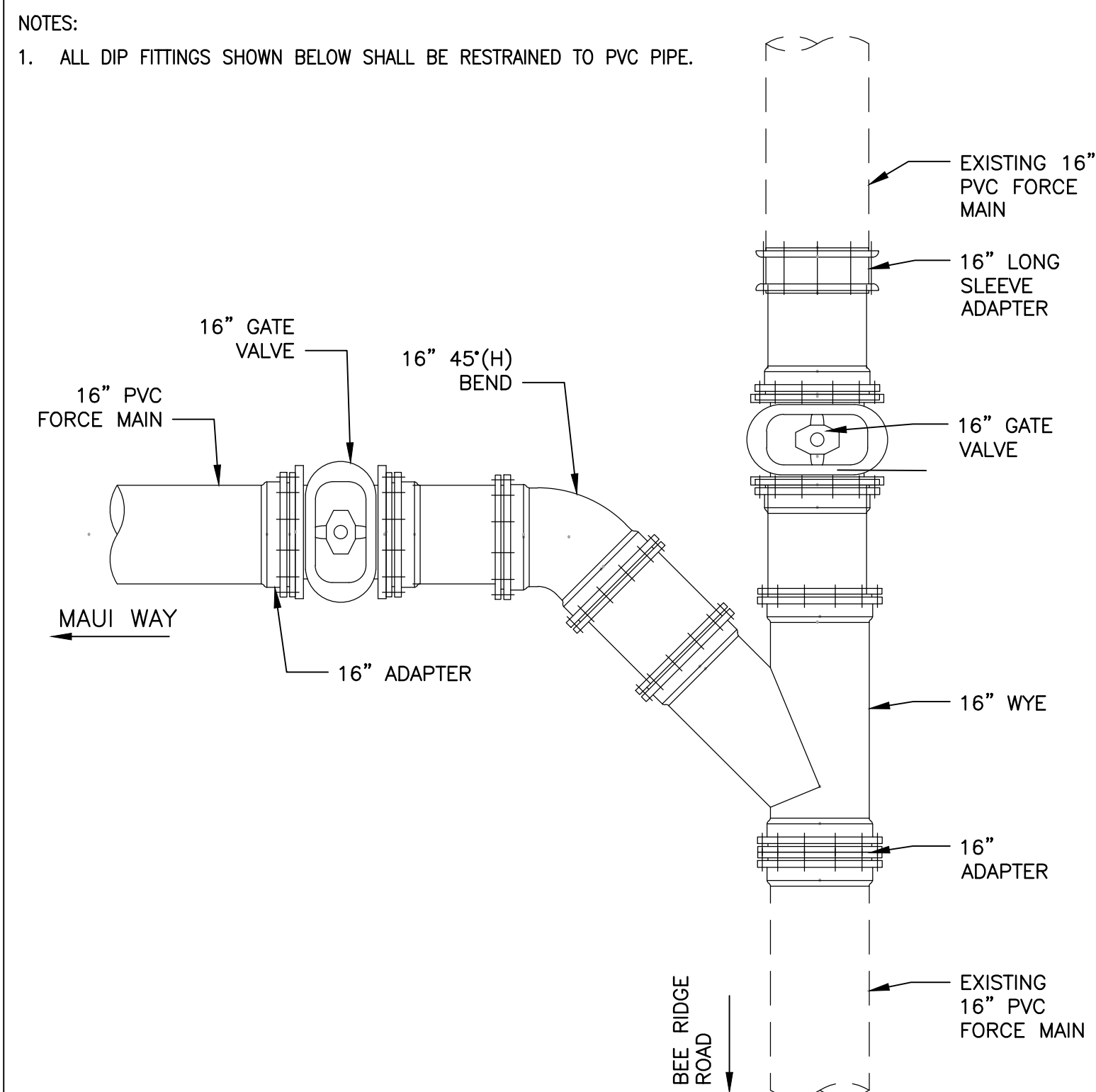


NOTES:

1. PROVIDE LATCHING DEVICES TO HOLD GATES IN OPEN POSITION.
2. FENCING SYSTEM SHALL BE LOW DENSITY POLYETHYLENE, REINFORCED WITH GALVANIZED STEEL WITH LIFETIME WARRANTY AGAINST FADING, CRACKING AND WARPING.
3. FENCE SYSTEM SHALL BE CERTIFIED TO DADE COUNTY, FLORIDA HURRICANE REQUIREMENTS.
4. FENCE SYSTEM SHALL PROVIDE A SOUND TRANSMISSION CLASS RATING (STC) OF 26.
5. FENCE SYSTEM SHALL BE ECO STONE PLUS FENCE BY SIM TEK FENCE, OR APPROVED EQUAL.
6. FENCE SYSTEM SHALL BE INSTALLED PER THE FENCE MANUFACTURER'S RECOMMENDATIONS, CONCRETE DIMENSIONS SHOWN IN THE DETAIL ARE A MINIMUM AND ADDITIONAL CONCRETE SHALL BE USED PER THE FENCE MANUFACTURER'S RECOMMENDATIONS.
7. GATES SHALL BE VINYL-COATED CHAIN-LINK TYPE WITH PRIVACY SLATS. FENCE SHALL BE GALVANIZED CHAIN LINK (ASTM A392) 9 GAUGE WITH 2" MESH AND COATED POLYMER ACCORDING TO ASTM F668 CLASS 2b.
8. GATES SHALL SWING INWARDS A MINIMUM OF 120 DEGREES. THE GATES WILL REQUIRE ALUMINUM FRAMES AND BRACING TO ACCOMMODATE THE SPANS WITH CENTERING CANE BOLTS TO SECURE.

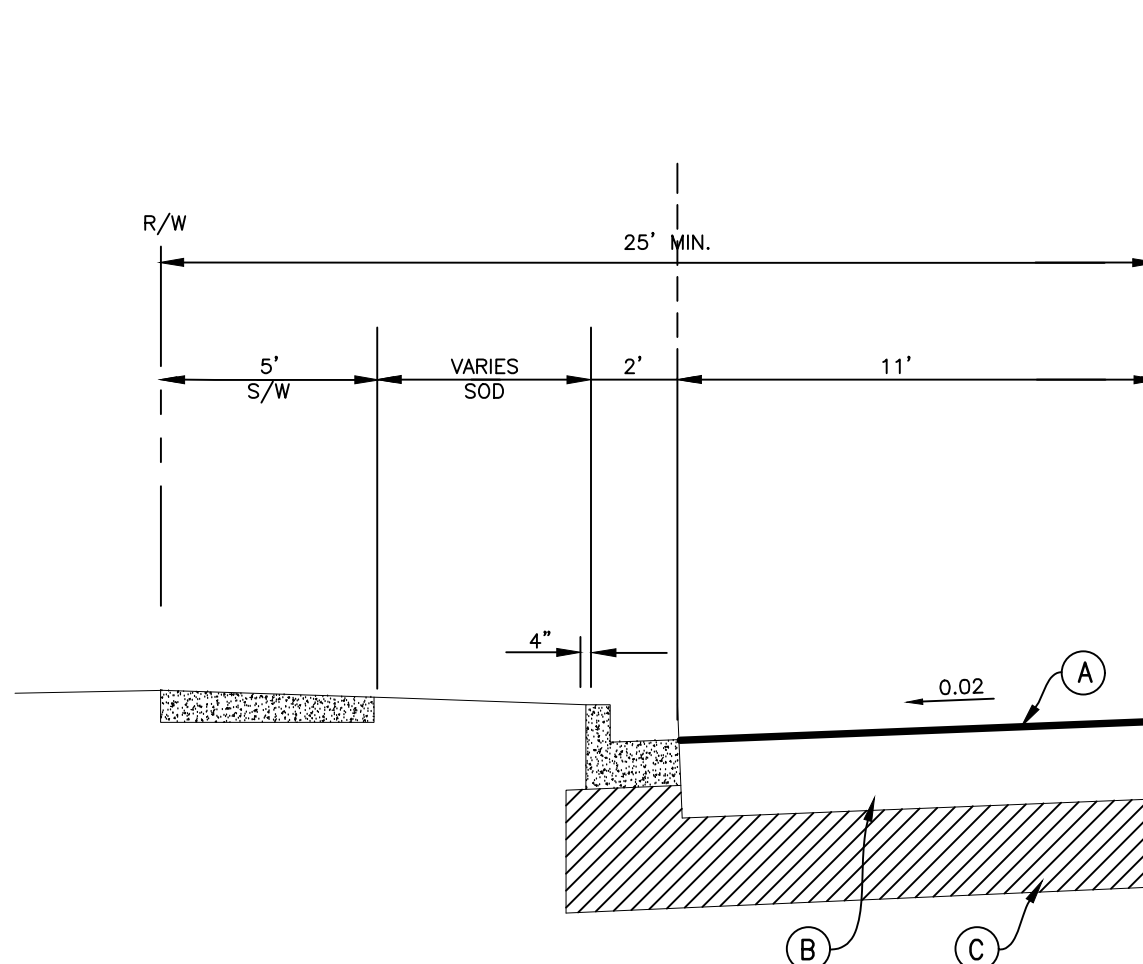
POLYETHYLEYNE FENCE DETAILS

N.T.S.



16" FORCE MAIN TIE-IN MAUI
WAY AT BEE RIDGE ROAD

N.T.S.



NOTES:

1. PAVEMENT REPLACEMENT SHALL BE 1.5" SUPERPAVE (TRAVEL LEVEL B)
2. BASE GROUP #6 MIN. (SEE FDOT FLEXIBLE PAVEMENT DESIGN MANUAL, CURRENT EDITION)
3. 12" TYPE B STABILIZATION (LBR 40)

TYPICAL ROADWAY SECTION
(BIKINI RD. & MAUI WAY)

N.T.S.



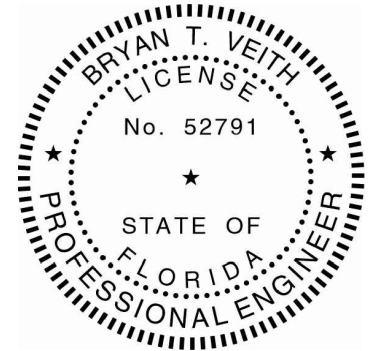
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DATE:	OCTOBER 2025
PROJECT NO.:	30036073
FILE NAME:	C-18
DESIGNED BY:	A MEHER, S TOPOVSKI
DRAWN BY:	SHIVAKUMAR
CHECKED BY:	D WILSON, B VEITH

SHEET TITLE

CIVIL

DETAILS-4

SCALE: AS SHOWN

C-18

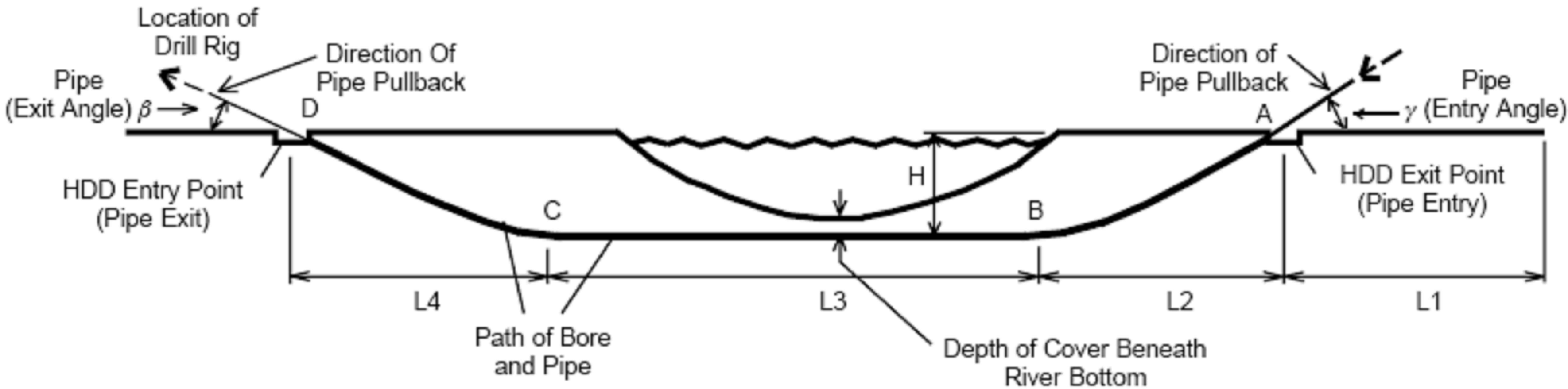
SHEET 21 OF 58

21 OF 58

Mark A. Brown
10/30/2025

HOME DEPOT FORCE MAIN
100% I-75 DRILL CALCULATIONS

HDD DESIGN CALCULATIONS (SLAVIN'S METHOD)



Pipe Properties:

Outside Diameter, OD = 18.000 in
Standard Dimension Ratio, DR = 11
Minimum Wall Thickness, t = 1.582 in
Long-term Modulus, Elong = 28,250 psi
24 hr Modulus, E24hr = 56,500 psi
Poisson's Ratio (long term), μ = 0.45
Safe Pull Stress (24 hr), σpb = 1,100 psi

Path Profile:

Depth of Bore, H = 16.0 ft
Pipe Entry Angle, αin = 10.0 deg = 0.1745 radians
Pipe Exit Angle, αex = 10.0 deg = 0.1745 radians
Pipe Drag on Surface, L1 = 415.0 ft
Length of Drill (L2+L3+L4), Lcross = 1,100.00 ft

Path Length (Determine L2 and L4):

Average Radius of Curvature for Path at Pipe Entry (α in radians)

$$R_{avgin} = 2H/\alpha_{in}^2 = 1,050.5 \text{ ft}$$

Average Radius of Curvature for Path at Pipe Exit (α in radians)

$$R_{avgex} = 2H/\alpha_{ex}^2 = 1,050.5 \text{ ft}$$

Horizontal Distance Required to Achieve Depth or Rise to the Surface at Pipe Entry

$$L2 = 2H/\alpha_{in} = 183.3 \text{ ft}$$

Horizontal Distance Required to Achieve Depth or Rise to the Surface at Pipe Exit

$$L4 = 2H/\alpha_{ex} = 183.3 \text{ ft}$$

Where: L2 & L4 = Horizontal Transition Distance at Bore Entry and Exit, Respectively

Axial Bending Stress:

Minimum Radius for Drill Path, R = 1,050.5 ft
Pipe OD = 17.400 in
Radius of Curvature Should Exceed 40 x Pipe OD to Prevent Ring Collapse
40 x Pipe OD, r = 58.0 ft
check R > r: OK!

Bending Strain, ea=OD/2R = 0.000690 in/in
Bending Stress, sa = E24hrea = 39.0 psi

Horizontal Length To Cross FDOT Right-Of-Way, L3:

L1 = 340.00 ft
L2 = 183.35 ft
L4 = 183.35 ft
L3 = Lcross - L2 - L4 = 733.31 ft

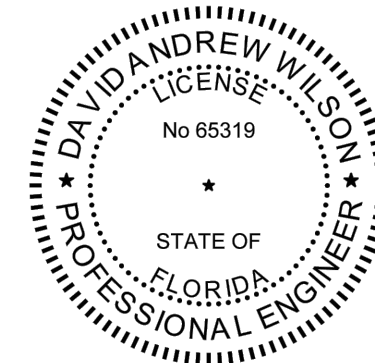


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HOME DEPOT MPS
AND FM

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DATE: OCTOBER 2025
PROJECT NO.: 30036073
FILE NAME: C-19
DESIGNED BY: ARPITA MEHER
DRAWN BY: SHIVAKUMAR
CHECKED BY: DAVID WILSON

SHEET TITLE

CIVIL

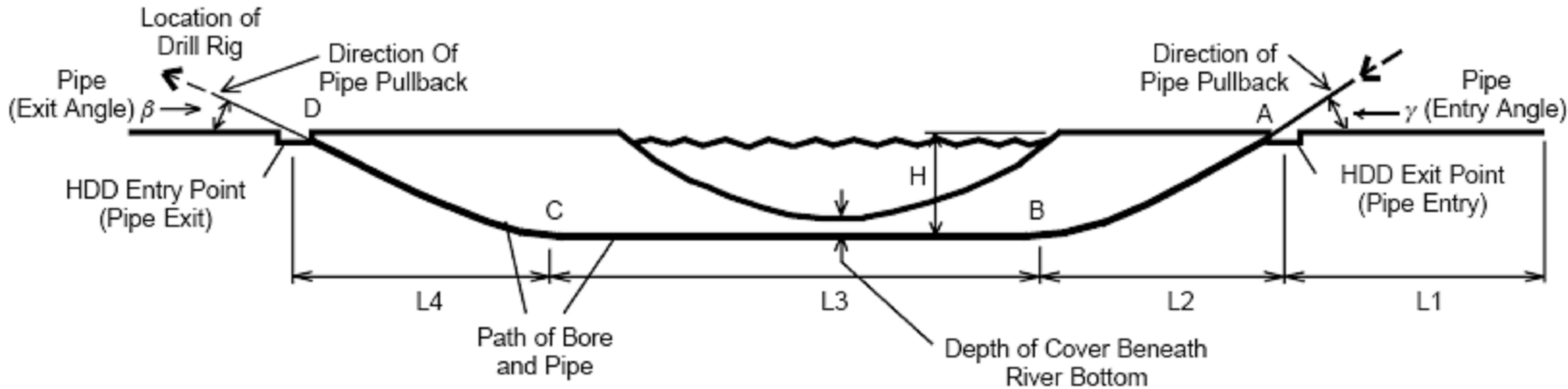
HDD CALCULATIONS
I-75 DRILL

SCALE: AS SHOWN

C-19 Approved
SHEET 22 OF 58
2024-H-104-00313
Mark A. Brown
10/30/2025

HOME DEPOT FORCE MAIN
CROSS CREEK DRILL CALCULATIONS

HDD DESIGN CALCULATIONS (SLAVIN'S METHOD)



Pipe Properties:

Outside Diameter, OD = 18.000 in
Standard Dimension Ratio, DR = 11
Minimum Wall Thickness, t = 1.582 in
Long-term Modulus, Elong = 28,250 psi
24 hr Modulus, E24hr = 56,500 psi
Poisson's Ratio (long term), μ = 0.45
Safe Pull Stress (24 hr), σpb = 1,100 psi

Path Profile:

Depth of Bore, H = 10.0 ft
Pipe Entry Angle, αin = 10.0 deg = 0.1745 radians
Pipe Exit Angle, αex = 10.0 deg = 0.1745 radians
Pipe Drag on Surface, L1 = 150.0 ft
Length of Drill (L2+L3+L4), Lcross = 275.0 ft

Path Length (Determine L2 and L4):

Average Radius of Curvature for Path at Pipe Entry (α in radians)

$$R_{avgin} = 2H/\alpha_{in}^2 = 656.6 \text{ ft}$$

Average Radius of Curvature for Path at Pipe Exit (α in radians)

$$R_{avgex} = 2H/\alpha_{ex}^2 = 656.6 \text{ ft}$$

Horizontal Distance Required to Achieve Depth or Rise to the Surface at Pipe Entry

$$L2 = 2H/\alpha_{in} = 114.6 \text{ ft}$$

Horizontal Distance Required to Achieve Depth or Rise to the Surface at Pipe Exit

$$L4 = 2H/\alpha_{ex} = 114.6 \text{ ft}$$

Where: L2 & L4 = Horizontal Transition Distance at Bore Entry and Exit, Respectively

Axial Bending Stress:

Minimum Radius for Drill Path, R = 656.6 ft
Pipe OD = 17.400 in
Radius of Curvature Should Exceed 40 x Pipe OD to Prevent Ring Collapse
40 x Pipe OD, r = 58.0 ft
check R > r: OK!

Bending Strain, ea=OD/2R = 0.001104 in/in
Bending Stress, sa = E24hrea = 62.4 psi

Horizontal Length To Cross FDOT Right-Of-Way, L3:

L1 = 150.00 ft
L2 = 114.59 ft
L4 = 45.82 ft
L3 = Lcross - L2 - L4 = 114.59 ft

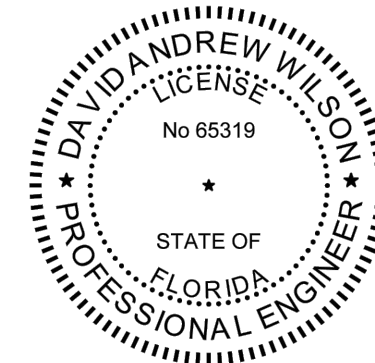


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SARASOTA COUNTY, FLORIDA
SARASOTA COUNTY
PUBLIC UTILITIES
DEPARTMENT

HOME DEPOT MPS
AND FM

100% BID SUBMITTAL

NO.	DATE	ISSUED FOR	BY
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2024

DATE: OCTOBER 2025
PROJECT NO.: 30036073
FILE NAME: C-20
DESIGNED BY: ARPITA MEHER
DRAWN BY: SHIVAKUMAR
CHECKED BY: DAVID WILSON

SHEET TITLE

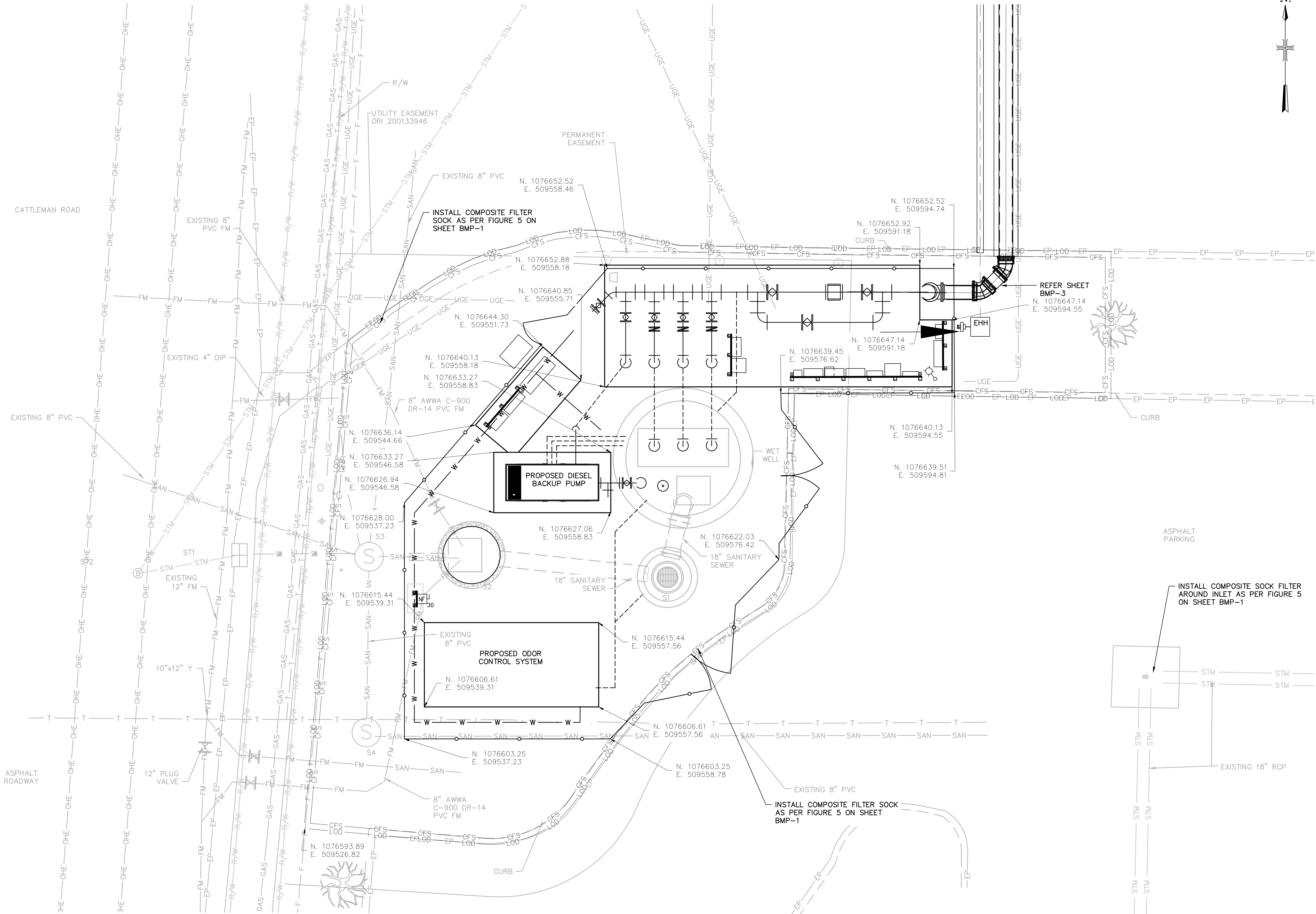
CIVIL

HDD CALCULATIONS
CROSS CREEK DRILL

SCALE:
AS SHOWN

C-20 Approved
2025-H-104-00313
SHEET 23 OF 58
Mark A. Brown
10/30/2025

User: JOSH4656 Spec: AUS-NC5MOD File: C:\USERS\JOSH4656\Documents\ARCADIS\AUS-30036073-HOME DEPOT LS AND FM\PROJECT FILES\0_WIP\CIVIL\BMP SHEETS\BMP-02.DWG Scale: 1:1 Saved: 10/29/2025 17:15 Plot Date: Jeshy, Chaitra; 10/29/2025; 18:46 ; Layout: BMP-02



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

LEGEND

- LOD LIMITS OF DISTURBANCE
- CFS COMPOSITE SOCK FILTER
- SF SILT FENCE

NOTES:

- PROVIDE INLET PROTECTION FOR ALL STORMWATER INLETS AFFECTED NOT SHOW ON DRAWINGS

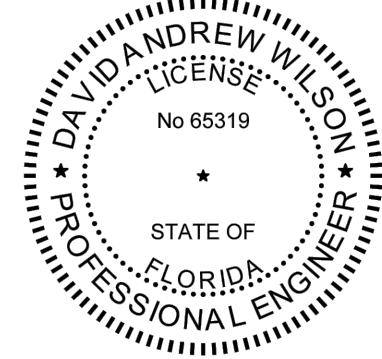


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DATE: OCTOBER 2025
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FILE NAME: BMP-02
DESIGNED BY: ARPITA MEHER
DRAWN BY: SHIVAKUMAR
CHECKED BY: DAVID WILSON

SHEET TITLE

CIVIL

**BEST MANAGEMENT
PRACTICES PUMP
STATION**

SCALE: AS SHOWN

BMP-02

SHEET 25 OF 58

Approved
Mark A. Brown
10/30/2025