

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**DRIVEWAY CONNECTION PERMIT
FOR ALL CATEGORIES****PART 1: PERMIT INFORMATION**APPLICATION NUMBER: 2023-A-292-00034Permit Category: C - 601 to 1,200 VTPD Access Classification: _____Project: Dollar General US 27 in Fort WhitePermittee: Matt CasonSection/Mile Post: / State Road: _____Section/Mile Post: / State Road: _____**PART 2: PERMITTEE INFORMATION**Permittee Name: Matt CasonPermittee Mailing Address: 1449 SW 74th Drive, Suite 200City, State, Zip: Gainesville, Florida 32607Telephone: (523) 333-3233 ext. _____

Engineer/Consultant/or Project Manager: _____

Engineer responsible for construction inspection: _____
NAME P.E. #

Mailing Address: _____

City, State, Zip: _____

Telephone: _____ FAX, Mobile Phone, etc. Fax: / Mobile: _____

PART 3: PERMIT APPROVAL

The above application has been reviewed and is hereby approved subject to all Provisions as attached.

Permit Number: 2023-A-292-00034
Department of TransportationSignature: Dan Morgan Title: PERMITS COORDINATOR IIDepartment Representative's Printed Name Dan MorganTemporary Permit ☐ YES ☒ NO (If temporary, this permit is only valid for 6 months)Special provisions attached ☐ YES ☒ NODate of Issuance: 3/6/2024

If this is a normal (non-temporary) permit it authorizes construction for one year from the date of issuance. This can only be extended by the Department as specified in 14-96.007(6).

See following pages for General and Special ProvisionsApproved
2023-A-292-00034
Dan Morgan
3/6/2024

PART 4: GENERAL PROVISIONS

1. Notify the Department of Transportation Maintenance Office at least 48 hours in advance of starting proposed work.
Phone: 3869617066 , Attention: Dan Morgan
2. A copy of the approved permit must be displayed in a prominent location in the immediate vicinity of the connection construction.
3. Comply with Rule 14-96.008(1), F.A.C., Disruption of Traffic.
4. Comply with Rule 14-96.008(7), F.A.C., on Utility Notification Requirements.
5. All work performed in the Department's right of way shall be done in accordance with the most current Department standards, specifications and the permit provisions.
6. The permittee shall not commence use of the connection prior to a final inspection and acceptance by the Department.
7. Comply with Rule 14-96.003(3)(a), F.A.C., Cost of Construction.
8. If a Significant Change of the permittee's land use, as defined in Section 335.182, Florida Statutes, occurs, the Permittee must contact the Department.
9. Medians may be added and median openings may be changed by the Department as part of a Construction Project or Safety Project. The provision for a median might change the operation of the connection to be for right turns only.
10. All conditions in NOTICE OF INTENT WILL APPLY unless specifically changed by the Department.
11. All approved connection(s) and turning movements are subject to the Department's continuing authority to modify such connection(s) or turning movements in order to protect safety and traffic operations on the state highway or State Highway System.
12. **Transportation Control Features and Devices in the State Right of Way.** Transportation control features and devices in the Department's right of way, including, but not limited to, traffic signals, medians, median openings, or any other transportation control features or devices in the state right of way, are operational and safety characteristics of the State Highway and are not means of access. The Department may install, remove or modify any present or future transportation control feature or device in the state right of way to make changes to promote safety in the right of way or efficient traffic operations on the highway.
13. The Permittee for him/herself, his/her heirs, his/her assigns and successors in interest, binds and is bound and obligated to save and hold the State of Florida, and the Department, its agents and employees harmless from any and all damages, claims, expense, or injuries arising out of any act, neglect, or omission by the applicant, his/her heirs, assigns and successors in interest that may occur by reason of this facility design, construction, maintenance, or continuing existence of the connection facility, except that the applicant shall not be liable under this provision for damages arising from the sole negligence of the Department.
14. The Permittee shall be responsible for determining and notify all other users of the right of way.
15. Starting work on the State Right of Way means that I am accepting all conditions on the Permit.

Approved
2023-A-292-00034
Dan Morgan
3/6/2024

PART 5: SPECIAL PROVISIONS**NON-CONFORMING CONNECTIONS:**☐ YES☒ NO

If this is a non-conforming connection permit, as defined in Rule Chapters 14-96 and 14-97, then the following shall be a part of this permit.

1. The non-conforming connection(s) described in this permit is (are) not permitted for traffic volumes exceeding the Permit Category on page 1 of this permit, or as specified in "Other Special Provisions" below.
2. All non-conforming connections will be subject to closure or relocation when reasonable access becomes available in the future.

OTHER SPECIAL PROVISIONS:

Pre construction meeting required. 48hr minimum notification required before work begins in FDOT R/W.

PART 6: APPEAL PROCEDURES

You may petition for an administrative hearing pursuant to sections 120.569 and 120.57, Florida Statutes. If you dispute the facts stated in the foregoing Notice of Intended Department Action (hereinafter Notice), you may petition for a formal administrative hearing pursuant to section 120.57 (1), Florida Statutes. If you agree with the facts stated in the Notice, you may petition for an informal administrative hearing pursuant to section 120.57(2), Florida Statutes. You must file the petition with:

Clerk of Agency Proceedings
Department of Transportation
Haydon Burns Building
605 Suwannee Street, M.S. 58
Tallahassee, Florida 32399-0458

The petition for an administrative hearing must conform to the requirements of Rule 28-106.201(2) or Rule 28-106.301(2), Florida Administrative Code, and be filed with the Clerk of Agency Proceedings by 5:00 p.m. no later than 21 days after you received the Notice. The petition must include a copy of the Notice, be legible, on 8 1/2 by 11 inch white paper, and contain:

1. Your name, address, telephone number, any Department of Transportation identifying number on the Notice, if known, the name and identification number of each agency affected, if known, and the name, address, and telephone number of your representative, if any, which shall be the address for service purposes during the course of the proceeding.
2. An explanation of how your substantial interests will be affected by the action described in the Notice;
3. A statement of when and how you received the Notice;
4. A statement of all disputed issues of material fact. If there are none, you must so indicate;
5. A concise statement of the ultimate facts alleged, including the specific facts you contend warrant reversal or modification of the agency's proposed action, as well as an explanation of how the alleged facts relate to the specific rules and statutes you contend require reversal or modification of the agency's proposed action;
6. A statement of the relief sought, stating precisely the desired action you wish the agency to take in respect to the agency's proposed action.

If there are disputed issues of material fact a formal hearing will be held, where you may present evidence and argument on all issues involved and conduct cross-examination. If there are no disputed issues of material fact an informal hearing will be held, where you may present evidence or a written statement for consideration by the Department.

Mediation, pursuant to section 120.573, Florida Statutes, may be available if agreed to by all parties, and on such terms as may be agreed upon by all parties. The right to an administrative hearing is not affected when mediation does not result in a settlement.

Your petition for an administrative hearing shall be dismissed if it is not in substantial compliance with the above requirements of Rule 28-106.201(2) or Rule 28-106.301(2), Florida Administrative Code. If you fail to timely file your petition in accordance with the above requirements, you will have waived your right to have the intended action reviewed pursuant to chapter 120, Florida Statutes, and the action set forth in the Notice shall be conclusive and final.

Approved
3/6/2024
Dan Morgan
0034

CONSTRUCTION PLANS
FOR:
COMMERCIAL RETAIL STORE
FORT WHITE
COLUMBIA COUNTY, FLORIDA

SECTION 33, TOWNSHIP 6 SOUTH, RANGE 16 EAST

SUBMITTED TO:
CITY OF FORT WHITE
FLORIDA DEPARTMENT OF TRANSPORTATION
SUWANNEE RIVER WATER MANAGEMENT DISTRICT

DEVELOPMENT DATA

ZONING: CG (GENERAL COMMERCIAL)			
FLU: COMM (GENERAL COMMERCIAL)			
DEVELOPMENT AREA:	88255 S.F.	2.03 AC	100.0%
IMPERVIOUS AREA:	35325 S.F.	0.81 AC	40.0%
BUILDING AREA:	10640 S.F.	0.24 AC	12.1%
ROADS/CURB/CONCRETE/DUMPSTER PAD:	25127 S.F.	0.58 AC	28.5%
SMF:	15562 S.F.	0.36 AC	17.6%
OPEN SPACE:	37343 S.F.	0.86 AC	42.4%
FLOOR AREA:	10213 S.F.	0.23 AC	11.6%
FAR:	11.6%		
LOT COVERAGE:	40.0%		
MAX BUILDING HEIGHT:	19.5 FT		
TAX PARCEL:	PORTION OF #00-00-00-14305-000		
PARKING:	1 SPACE PER 150 SQ FT OF GROSS FLOOR AREA PARKING SPACES REQUIRED: 84 PARKING SPACES PROVIDED: 35 A PARKING REDUCTION WAS SUBMITTED		
HANDICAP PARKING:	1 SPACE PER 25 REGULAR PARKING SPACES HANDICAP SPACES REQUIRED: 2 HANDICAP SPACES PROVIDED: 2		
BICYCLE PARKING:	2 SPACES PER 20 REQUIRED REGULAR PARKING SPACES BICYCLE SPACES REQUIRED: 2 BICYCLE SPACES PROVIDED: 2		
MOTORCYCLE SPACES REQUIRED:	1 SPACE PER 10 REGULAR PARKING SPACES MOTORCYCLE SPACES REQUIRED: 4 MOTORCYCLE SPACES PROVIDED: 4		

SHEET INDEX

SHEET NUMBER	DESCRIPTION
C0.00	COVER SHEET AND INDEX
C0.10	GENERAL NOTES
C0.11	LEGEND
1-2 OF 2	SURVEY(S)
C0.20	STORMWATER POLLUTION PREVENTION NOTES
C0.21 - C0.22	STORMWATER POLLUTION PREVENTION PLAN(S) AND DETAILS
C0.30	DEMOLITION AND TREE PROTECTION PLAN(S)
C1.00	HORIZONTAL CONTROL AND SITE PLAN
C2.00	GRADING AND DRAINAGE PLAN
C2.20 - C2.21	STORMWATER MANAGEMENT FACILITY PLAN AND DETAILS
C2.30	CONSTRUCTION DETAILS
C3.00	UTILITY PLAN
LS-01 - LS-03	LANDSCAPE PLAN(S)
E-1	SITE PHOTOMETRIC PLAN
E-2	FIXTURE INFORMATION
A2	EXTERIOR ELEVATIONS AND EXTERIOR FINISH SCHEDULE
C1	DUMPSTER ENCLOSURE DETAILS

SURVEYOR OF RECORD

CHAD A. COLSON P.L.S.
CHW
11801 RESEARCH DRIVE
ALACHUA, FL 32615
(352) 331-1976

LANDSCAPE ARCHITECT

BRIAN D. BORTON
BORTON DESIGN, INC.
1354 N. KYLE WAY
ST. JOHNS, FL 32259
(904) 234-6510

DEVELOPER

MATT CASON, PRESIDENT
CONCEPT DEVELOPMENT, INC
5200 NW 43RD STREET
SUITE 102-381
GAINESVILLE, FL 32606
(352) 333-3233

PROPERTY OWNER

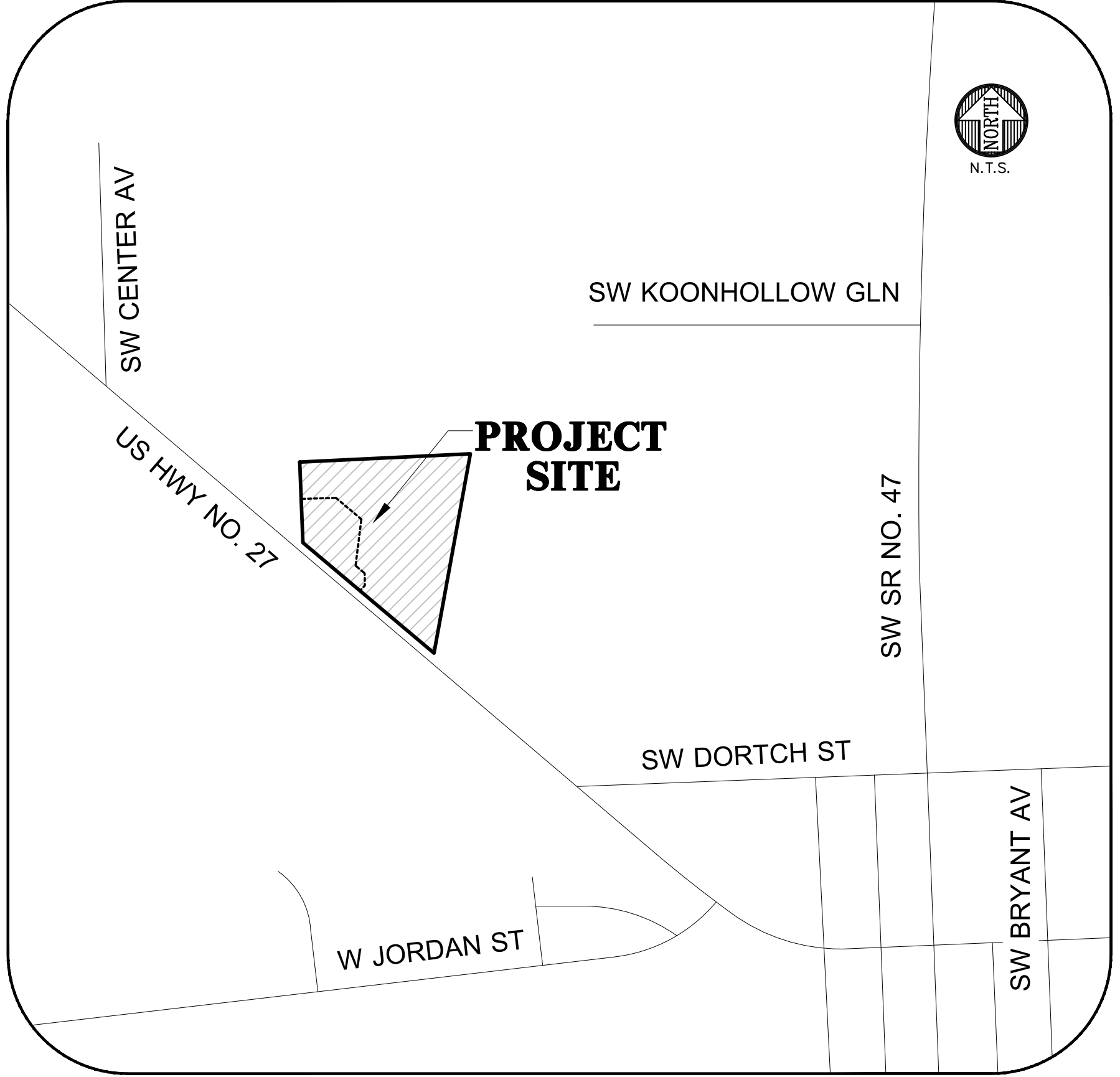
BLUEBERRY HILL PROPERTIES, LLC
2927 SW TUSTENUGGEE AVE
LAKE CITY, FL 32025

PHOTOMETRIC

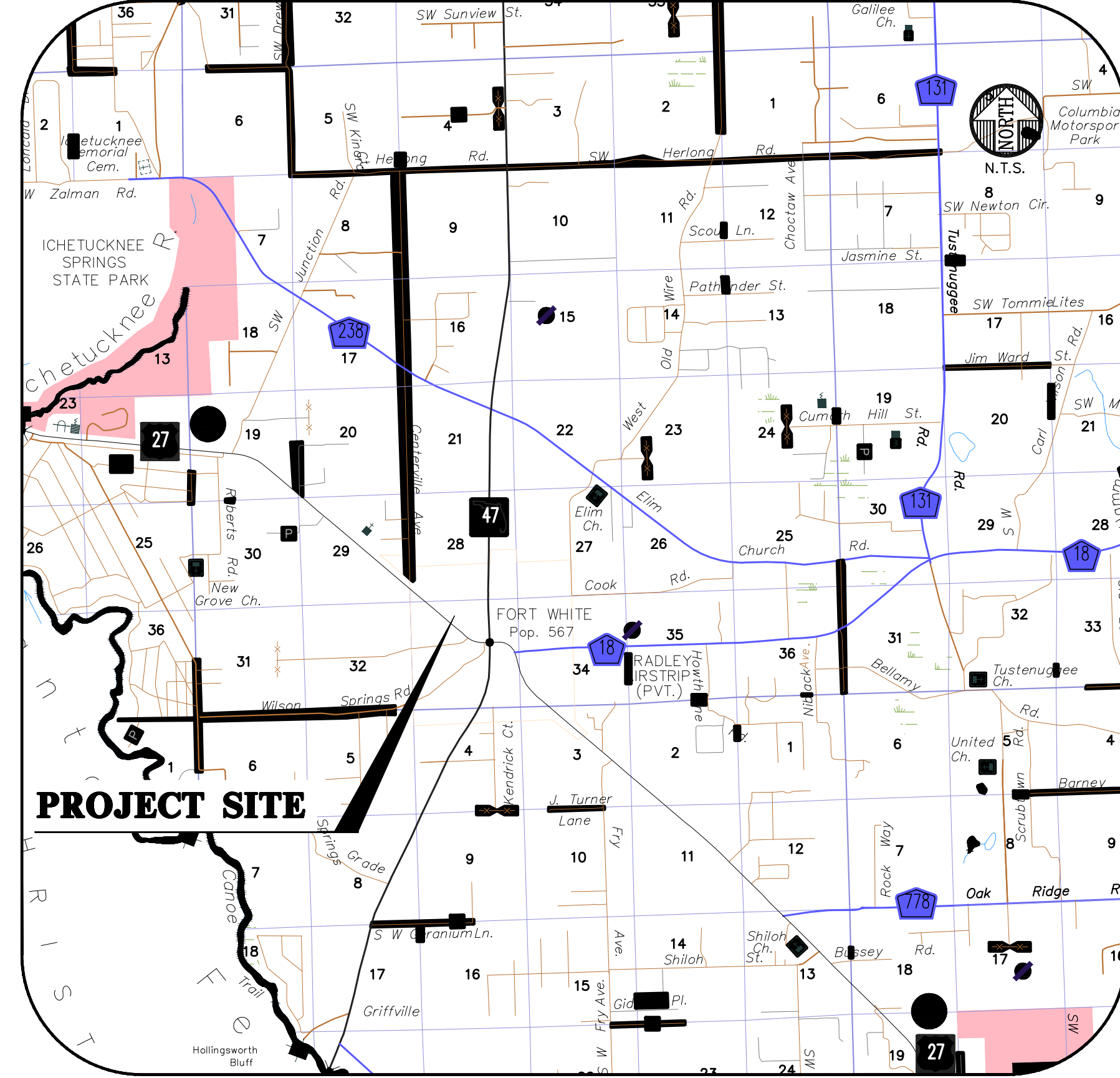
KENNETH HUNTER
HUNTER DESIGN AND CONSULTING, INC.
696 1ST AVE N, STE 200
ST. PETERSBURG, FL 33701
(352) 238-6366

ENGINEER OF RECORD

Nicola R. Cowap, P.E.
CHW
11801 RESEARCH DRIVE
ALACHUA, FL 32615
(352) 331-1976



VICINITY MAP



LOCATION MAP

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811

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Alachua, Florida 32615
(352) 331-1976
www.chw-inc.com

CHW
Professional Consultants

N/A
VERIFY SCALE
BASE IS ONE INCH ON
GROUND
IF NOT ONE INCH ON
GROUND, SCALE ACCORDINGLY

CONSTRUCTION NOTATIONS

SUBMITTALS
08-23-23 CITY OF FORT WHITE, FDOT, SRWD
11-03-23 CITY OF FORT WHITE COMMENTS
12-12-23 CITY OF FORT WHITE & FDOT COMMENTS

CLIENT: CONCEPT DEVELOPMENT, INC.
PROJECT: COMMERCIAL RETAIL STORE
FORT WHITE
SHEET TITLE: COVER SHEET AND INDEX

TECHNICIAN: G. WADZINSKI
DESIGNER: N. COWAP, P.E.
QUALITY CONTROL: T. HASTAY, P.E.
PROJECT NUMBER: 23-0250

Nicola R. Cowap, P.E.
State of Florida, Professional
Engineer, License No. 91233
This item has been digitally
signed and sealed by Nicola
R. Cowap, P.E. on the date
indicated here: 12/15/2023
Printed copies of this
document are not considered
signed and sealed and the
signature must be verified on
any electronic copies.

FL PE No. 91233
SHEET NO. C0.00

GENERAL NOTES

- THE TOPOGRAPHIC AND EXISTING INFORMATION SHOWN HEREON WERE TAKEN FROM A TOPOGRAPHIC SURVEY PREPARED BY CHW, AND DATED JULY 27, 2023.
2. THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAS BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ACCURACY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE NECESSARY ARRANGEMENTS FOR ANY RELOCATION OF THESE UTILITIES WITH THE OWNER OF THE UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING ANY UNDERGROUND UTILITY, WHETHER SHOWN ON THE PLANS OR LOCATED BY THE UTILITY COMPANY. THE RESPECTIVE UTILITY COMPANIES SHALL RELOCATE ALL UTILITIES THAT INTERFERE WITH THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY COMPANIES DURING THE RELOCATION OPERATIONS. ANY DELAY OR INCONVENIENCE CAUSED TO THE CONTRACTOR BY THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED.
3. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE APPROPRIATE UTILITY COMPANIES IN ORDER TO ALLOW MARKING OF THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES IN ADVANCE OF CONSTRUCTION BY CALLING THE FLORIDA SHOSHINE STATE ONE-CALL CENTER, INC. AT 1-800-432-4770 OR 811. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY "SHOSHINE" 48 HOURS PRIOR TO ANY CLEARING OF CONSTRUCTION TO IDENTIFY ALL UTILITY LOCATIONS. NO CONSTRUCTION ACTIVITY MAY OCCUR UNTIL THE UTILITIES HAVE BEEN PROPERLY MARKED.
4. THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL LOCATION AND VERTICAL LOCATION OF ALL EXISTING UTILITIES WITHIN THE LIMITS OF THE PROJECT ENVELOPE SHOWN PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL CALL ALL UTILITY COMPANIES TO HAVE THE LOCATIONS OF ALL UTILITIES FIELD MARKED PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONTINUING CONSTRUCTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR.
6. ALL PRIVATE AND PUBLIC PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITIONS BEFORE COMMENCING CONSTRUCTION WORK, UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. ADDITIONAL COSTS ARE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION WILL BE ALLOWED.
7. ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK INCLUDING LANDSCAPING.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS OF THE VARIOUS GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY AND/OR MUNICIPALITY INSTRUCTIONS.
9. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND SHALL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. TRENCHES SHALL BE KEPT DRY WHILE PIPES ARE BEING PLACED. DEWATERING SHALL BE USED AS REQUIRED, AND PERMITTED THROUGH LOCAL GOVERNMENTAL AGENCIES AND WATER MANAGEMENT DISTRICT PER CURRENT REGULATIONS AT THE SOLE COST OF THE CONTRACTOR.
11. CONTRACTOR TO REVIEW GEOTECHNICAL REPORT AND BORINGS PRIOR TO BIDDING THE PROJECT AND FOLLOW OUTLINED CONSTRUCTION TECHNIQUES.
12. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE TESTING WITH THE SERVICES OF AN APPROVED TESTING LABORATORY AND/OR SOILS ENGINEER, APPLICABLE REGULATORY AGENCIES, AND AS MAY BE FOUND IN THE ENGINEERING CONSTRUCTION DRAWINGS OR SPECIFICATIONS. CONTRACTOR TO VERIFY ALL TESTING WITH THE OWNER PRIOR TO COMMENCING CONSTRUCTION. UPON COMPLETION OF THE WORK, THE TESTING LABORATORY AND/OR SOILS ENGINEER MUST SUBMIT TO THE OWNER'S ENGINEER CERTIFICATIONS STATING THAT ALL REQUIREMENTS HAVE BEEN MET.
13. INSTALL SILT FENCE PRIOR TO SITE DEMOLITION OR NEW SITE CONSTRUCTION. INSTALL SILT FENCE PER FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL AND PROVIDE TOE-IN. THE CONTRACTOR SHALL MAINTAIN THE SILT FENCE IN WORKING ORDER THROUGHOUT THE CONSTRUCTION PHASE. THE PROJECT SILT FENCE SHALL BE INSPECTED DAILY AND ANY CORRECTIVE MEASURES SHALL BE COMPLETED WITHIN 24 HOURS.
14. ALL TREE BARRICADES AND SILT FENCING SHALL BE INSTALLED AND INSPECTED BY COLUMBIA COUNTY ENVIRONMENTAL HEALTH DEPARTMENT PRIOR TO COMMENCEMENT OF ANY DEMOLITION OR CONSTRUCTION ACTIVITIES.
15. THE CONTRACTOR IS TO PREPARE THE SITE PRIOR TO BEGINNING ACTUAL CONSTRUCTION IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
16. ALL DELETERIOUS MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS) IS TO BE EXCAVATED IN ACCORDANCE WITH THESE PLANS OR AS DIRECTED BY THE OWNER'S ENGINEER OR OWNER'S SOIL TESTING COMPANY. DELETERIOUS MATERIAL IS TO BE STOCKPILED AND REMOVED FROM THE SITE. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE AREAS.
17. CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION. DISTURBED AREAS SHALL BE SODDED, SEED, MULCHED, OR PLANTED WITH OTHER APPROVED LANDSCAPE MATERIAL, AS DIRECTED BY THESE PLANS, IMMEDIATELY FOLLOWING CONSTRUCTION PER LOCAL INSPECTOR.
18. WORK BEING PERFORMED UNDER THIS CONTRACT SHALL INTERFACE SMOOTHLY WITH OTHER WORK BEING PERFORMED ON THE SITE BY OTHER CONTRACTORS AND/OR UTILITY COMPANIES. IT WILL BE NECESSARY FOR THE CONTRACTOR TO COORDINATE AND SCHEDULE HIS ACTIVITIES, WHERE NECESSARY, WITH OTHER CONTRACTORS AND UTILITY COMPANIES.
19. ALL PAVEMENT DIMENSIONS SHOWN ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
20. THE GOVERNING STANDARDS AND SPECIFICATIONS, UNLESS STATED OTHERWISE SHALL BE PER FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS (PS 2023-24 ROAD CONSTRUCTION), AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED JULY 2023, AS AMENDED BY CONTRACT DOCUMENTS. ALL MATERIALS AND METHODS SHALL MEET FDOT SPECIFICATIONS AND SHALL BE PRODUCED OR OBTAINED FROM AN FDOT APPROVED SOURCE.
21. ALL NEW TRAFFIC CONTROL DEVICES (SIGNS AND PAVEMENT MARKINGS) SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND FDOT STANDARDS.
22. ALL STRIPING WITHIN THE FDOT RIGHT OF WAY SHALL BE PLACED FIRST AS TEMPORARY STRIPING FOLLOWED BY APPLICATION OF THERMOPLASTIC STRIPING 30 DAYS LATER.
23. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PROPER BENCHMARKS ON-SITE. EXISTING BENCH MARKS SCHEDULED FOR REMOVAL SHALL BE RELOCATED AT CONTRACTORS EXPENSE AND RE-ESTABLISHED BY A LICENSED SURVEYOR.
24. ALL HANDICAP RAMPS SHALL COMPLY WITH THE FLORIDA ACCESSIBILITY CODE AND AMERICANS WITH DISABILITIES ACT.
25. A PRE-CONSTRUCTION CONFERENCE SHALL BE REQUIRED. THE CONTRACTOR, ENGINEER OF RECORD, AND THE OWNER SHALL MEET WITH THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT PRIOR TO INITIATION OF SITE CONSTRUCTION.
26. ANY CHANGE ORDER REQUESTS, SITE REVISIONS, AND PAY REQUESTS MUST BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD.
27. CONTRACTOR IS RESPONSIBLE FOR ALL DEWATERING AS NEEDED THROUGHOUT ALL CONSTRUCTION ACTIVITIES COVERED BY THESE PLANS. DEWATERING SHALL BE DONE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS, 2018 EDITION, SECTION 120.
28. THE CONTRACTOR IS RESPONSIBLE FOR THE PERFORMANCE AND COST OF ALL CLEARING AND GRUBBING AND ALL WORK OF REMOVAL, DISPOSAL, AND REPAIR OR REPLACEMENT OF EXISTING IMPROVEMENTS WHERE SHOWN IN THE PLANS, OR ORDERED BY THE ENGINEER TO BE REMOVED, OR WHERE REQUIRED BECAUSE OF THE CONSTRUCTION OPERATIONS, IN ORDER TO CONSTRUCT THE PROPOSED IMPROVEMENTS (THIS INCLUDES BUT IS NOT LIMITED TO PROPOSED PIPING, STRUCTURES, UTILITIES, PAVING, CURBING, ETC.).
29. AN AS-BUILT SURVEY MAY BE REQUIRED BY REGULATORY AGENCIES. CONTRACTOR TO COORDINATE WITH PROJECT OWNER FOR COMPLETION OF AS-BUILT SURVEYS PRIOR TO PROJECT / PERMIT CLOSE-OUT.

MAINTENANCE OF TRAFFIC (MOT) NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR CREATING A MAINTENANCE OF TRAFFIC (MOT) PLAN FOR CONSTRUCTION ACTIVITY THAT OCCURS WITHIN THE PUBLIC RIGHT-OF-WAY, INCLUDING BUT NOT LIMITED TO SIDEWALK WORK AND ACTIVITIES THAT REQUIRE A LANE (OR ROAD) CLOSURE, SUCH AS CONNECTION TO SEWER MANHOLES AND WATER MAINS. THE MOT PLAN MUST BE CREATED BY A REGISTERED PROFESSIONAL ENGINEER WHO IS CERTIFIED TO DO SO BY THE FDOT MOT CERTIFICATION TRAINING. THE MOT PLAN MUST ALSO BE IN ACCORDANCE WITH FDOT STANDARDS PLANS AND FDOT STANDARD SPECIFICATIONS REQUIREMENTS AND MUST BE REVIEWED AND APPROVED BY THE FDOT.
2. THE CONTRACTOR SHALL SUBMIT THE MOT TO THE APPROPRIATE REGULATORY AUTHORITY PRIOR TO WORK REQUIRING THE MOT FOR APPROVAL. NO WORK IN THE ROW SHALL OCCUR UNTIL THE MOT IS APPROVED.

DEMOLITION GENERAL NOTES

3. THE CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ALL DEMOLITION MATERIALS IN A SAFE AND LAWFUL MANNER. THE CONTRACTOR SHALL SALVAGE TO THE OWNER ANY ITEM AS DETERMINED BY THE OWNER. ONCE DEMOLISHED, MATERIAL SHALL BE DISPOSED OF PROPERLY AND IMMEDIATELY.
 2. REMOVE ALL IMPROVEMENTS DEFINED ON THE DEMOLITION PLAN. SALVAGE ITEMS TO OWNER AS DEFINED BY THE OWNER'S REPRESENTATIVE AND CONSTRUCTION DOCUMENT SPECIFICATIONS.
 3. EXISTING PAVEMENT AND SIDEWALK EDGES THAT BORDER NEW CONSTRUCTION OR DEMOLITION ARE TO BE SAW-CUT TO PROVIDE A SMOOTH TRANSITION.
 4. ALL EXISTING TREES ARE TO REMAIN UNLESS OTHERWISE NOTED.
 5. ROOTS LARGER THAN 1 INCH IN DIAMETER ON TREES TO BE PRESERVED THAT ARE ENCOUNTERED DURING CONSTRUCTION MUST BE CUT CLEANLY AND COVERED OVER WITH SOIL BY THE END OF THE WORKING DAY.
 6. ALL ASPHALT AND LIMEROCK WILL BE COMPLETELY REMOVED FROM AREAS THAT WILL BE LANDSCAPED. IN PARTICULAR, AREAS WHERE ASPHALT WILL BE REMOVED MUST HAVE THE TOP HARD SURFACE, LIMEROCK, AND COMPACTED SOIL REMOVED. REPLACEMENT SOIL SHALL BE CLEAN DEEP FILL OF PH 5.5 - 6.5. THE DEPTH OF UNCOMPACTED SOIL PRIOR TO PLANTING MUST BE AT LEAST 3 FEET TO ACCOMMODATE FUTURE TREE ROOT GROWTH. NO LIMEROCK, LARGE STONES, OR OTHER CONSTRUCTION DEBRIS CAN REMAIN IN AREAS TO BE LANDSCAPED.
- ## **PAVING, GRADING, AND DRAINAGE GENERAL NOTES**
1. THE CONTRACTOR IS RESPONSIBLE FOR EROSION/SEDIMENTATION CONTROL PRACTICES DURING CONSTRUCTION TO MINIMIZE ON-SITE EROSION/SEDIMENTATION AND TO PROTECT AGAINST DAMAGE TO OFF SITE PROPERTY. THE FOLLOWING PRACTICES SHALL BE EMPLOYED:
 - A. EROSION AND SEDIMENTATION CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. AREAS OF OFF-SITE DISCHARGE DURING CONSTRUCTION SHALL BE PROTECTED WITH A SEDIMENT BARRIER PER FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL TO PREVENT OFF-SITE DISCHARGE OF SEDIMENTS. A SILT BARRIER SHALL SPECIFICALLY BE REQUIRED, CONSTRUCTED, AND MAINTAINED AS INDICATED ON THIS SHEET. TEMPORARY SEED AND MULCH SHOULD BE USED TO CONTROL ON-SITE EROSION WHEN IT IS NOT PRACTICAL TO ESTABLISH PERMANENT VEGETATION. SOD SHALL BE PLACED AS EARLY AS POSSIBLE ON ALL SLOPES STEEPER THAN 5 (FT) HORIZONTAL TO 1 (FT) VERTICAL. SOD SHALL BE PINNED AS REQUIRED. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED IN WORKING ORDER THROUGHOUT THE CONSTRUCTION PHASE. THE CONTRACTOR SHALL INSPECT AND REPAIR AS NECESSARY THE EROSION/SEDIMENTATION PROTECTION AT THE END OF EACH WORKING DAY.
 - B. NOTE: EROSION/SEDIMENTATION CONTROL SHALL BE PLACED PRIOR TO SITE EXCAVATION AND SHALL REMAIN IN PLACE UNTIL SITE VEGETATION AND LANDSCAPING IS COMPLETE.
 - C. B. ALL INLET STRUCTURES AND PIPE SHALL BE PROTECTED FROM SILTATION BY CONSTRUCTING INLET PROTECTION AS DEFINED BY THESE PLANS OR IN THE FDOT STANDARDS. IF SILTATION OCCURS, THE CONTRACTOR IS RESPONSIBLE TO REMOVE SILTATION AS PART OF THE BASE CONTRACT AT NO ADDITIONAL COST TO THE OWNER.
 - D. C. EXCAVATED STORMWATER FACILITIES SHALL BE CONSTRUCTED AS PART OF THE INITIAL CONSTRUCTION. THE FACILITIES SHALL BE ROUGH GRADED TO THE DESIGN ELEVATIONS. AFTER THE CONTRIBUTING DRAINAGE AREA IS STABILIZED, THE FACILITIES BOTTOM SHALL BE OVER-EXCAVATED BY SIX INCHES, SCARIFIED, BACKFILLED WITH ARCHER FILL (HAVING NO MORE THAN 5% PASSING NO. 200 SIEVE), AND GRADED TO FINAL DESIGN GRADES. EXCESS AND UNSUITABLE SOILS SHALL BE REMOVED FROM THE BASIN (REMOVE ALL ACCUMULATED SILTS, CLAYS, ORGANIC, AND DEBRIS). FINALLY, SCARIFY AND RAKE BOTTOM AND VEGETATE.
 - E. D. PERMANENT VEGETATIVE STABILIZATION SHALL BE APPLIED ON FINE GRADED SITES AS SOON AS PRACTICAL. TEMPORARY SEEDING SHOULD BE EMPLOYED TO PREVENT EXPOSURE OF BARREN SOILS UNTIL PERMANENT VEGETATION CAN BE APPLIED.
 - F. E. ALL SLOPES 1:3 OR STEEPER REQUIRE LAPPED OR PEGGED SOD.
 - G. F. EROSION, SEDIMENT AND TURBIDITY CONTROL ARE THE RESPONSIBILITY OF THE CONTRACTOR. THESE DELINEATED MEASURES ARE THE MINIMUM REQUIRED, WITH ADDITIONAL CONTROLS TO BE UTILIZED AS NEEDED, DEPENDENT UPON ACTUAL SITE CONDITIONS AND CONSTRUCTION OPERATION.
 - H. G. ALL SYNTHETIC BALES, SILT FENCE, AND OTHER EROSION CONTROL MEASURES SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.

PAVING, GRADING, AND DRAINAGE GENERAL NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR EROSION/SEDIMENTATION CONTROL PRACTICES DURING CONSTRUCTION TO MINIMIZE ON-SITE EROSION/SEDIMENTATION AND TO PROTECT AGAINST DAMAGE TO OFF SITE PROPERTY. THE FOLLOWING PRACTICES SHALL BE EMPLOYED:
- A. EROSION AND SEDIMENTATION CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. AREAS OF OFF-SITE DISCHARGE DURING CONSTRUCTION SHALL BE PROTECTED WITH A SEDIMENT BARRIER PER FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL TO PREVENT OFF-SITE DISCHARGE OF SEDIMENTS. A SILT BARRIER SHALL SPECIFICALLY BE REQUIRED, CONSTRUCTED, AND MAINTAINED AS INDICATED ON THIS SHEET. TEMPORARY SEED AND MULCH SHOULD BE USED TO CONTROL ON-SITE EROSION WHEN IT IS NOT PRACTICAL TO ESTABLISH PERMANENT VEGETATION. SOD SHALL BE PLACED AS EARLY AS POSSIBLE ON ALL SLOPES STEEPER THAN 5 (FT) HORIZONTAL TO 1 (FT) VERTICAL. SOD SHALL BE PINNED AS REQUIRED. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED IN WORKING ORDER THROUGHOUT THE CONSTRUCTION PHASE. THE CONTRACTOR SHALL INSPECT AND REPAIR AS NECESSARY THE EROSION/SEDIMENTATION PROTECTION AT THE END OF EACH WORKING DAY.
 - B. NOTE: EROSION/SEDIMENTATION CONTROL SHALL BE PLACED PRIOR TO SITE EXCAVATION AND SHALL REMAIN IN PLACE UNTIL SITE VEGETATION AND LANDSCAPING IS COMPLETE.
 - C. B. ALL INLET STRUCTURES AND PIPE SHALL BE PROTECTED FROM SILTATION BY CONSTRUCTING INLET PROTECTION AS DEFINED BY THESE PLANS OR IN THE FOOT STANDARDS. IF SILTATION OCCURS, THE CONTRACTOR IS RESPONSIBLE TO REMOVE SILTATION AS PART OF THE BASE CONTRACT AT NO ADDITIONAL COST TO THE OWNER.
 - D. C. EXCAVATED STORMWATER FACILITIES SHALL BE CONSTRUCTED AS PART OF THE INITIAL CONSTRUCTION. THE FACILITIES SHALL BE ROUGH GRADED TO THE DESIGN ELEVATIONS. AFTER THE CONTRIBUTING DRAINAGE AREA IS STABILIZED, THE FACILITIES BOTTOM SHALL BE OVER-EXCAVATED BY SIX INCHES, SCARIFIED, BACKFILLED WITH ARCHER FILL (HAVING NO MORE THAN 5% PASSING NO. 200 SIEVE), AND GRADED TO FINAL DESIGN GRADES. EXCESS AND UNSUITABLE SOILS SHALL BE REMOVED FROM THE BASIN (REMOVE ALL ACCUMULATED SILTS, CLAYS, ORGANIC, AND DEBRIS). FINALLY, SCARIFY AND RAKE BOTTOM AND VEGETATE.
 - E. D. PERMANENT VEGETATIVE STABILIZATION SHALL BE APPLIED ON FINE GRADED SITES AS SOON AS PRACTICAL. TEMPORARY SEEDING SHOULD BE EMPLOYED TO PREVENT EXPOSURE OF BARREN SOILS UNTIL PERMANENT VEGETATION CAN BE APPLIED.
 - F. E. ALL SLOPES 1:3 OR STEEPER REQUIRE LAPPED OR PEGGED SOD.
 - G. F. EROSION, SEDIMENT AND TURBIDITY CONTROL ARE THE RESPONSIBILITY OF THE CONTRACTOR. THESE DELINEATED MEASURES ARE THE MINIMUM REQUIRED, WITH ADDITIONAL CONTROLS TO BE UTILIZED AS NEEDED, DEPENDENT UPON ACTUAL SITE CONDITIONS AND CONSTRUCTION OPERATION.
 - H. G. ALL SYNTHETIC BALES, SILT FENCE, AND OTHER EROSION CONTROL MEASURES SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.
2. THE CONTRACTOR SHALL MAINTAIN IN HIS POSSESSION A COPY OF THE WATER MANAGEMENT DISTRICT CONSTRUCTION PERMIT. HE SHALL BE RESPONSIBLE FOR ADHERENCE TO ALL CONDITIONS CONTAINED IN THE PERMIT.
 3. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON DRAWINGS.
 4. CONTRACTOR SHALL SUBMIT FOR REVIEW TO THE OWNER AND OWNER'S ENGINEER SHOP DRAWINGS ON ALL PRECAST AND MANUFACTURED ITEMS TO BE USED ON THIS SITE. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE. ENGINEER'S APPROVAL OF A SHOP DRAWING DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR THE PERFORMANCE OF THE ITEM.
 5. THE COST OF ALL TESTING OF COMPACTION AND OTHER REQUIRED TESTS SHALL BE PAID BY THE CONTRACTOR AND MADE AVAILABLE TO THE ENGINEER OF RECORD DURING SITE INSPECTIONS.
 6. GENERAL CONTRACTOR TO CONTACT ENGINEER OF RECORD AND THE OWNER REPRESENTATIVE 48 HOURS IN ADVANCE PRIOR TO BACKFILLING TRENCHES FOR FIELD INSPECTION AND PRIOR TO LAYING ASPHALT FOR FIELD INSPECTION.
 7. CONTRACTOR IS TO SUBMIT FOOT APPROVED ASPHALT DESIGN MIXES TO THE OWNER'S REPRESENTATIVE AND ENGINEER OF RECORD BEFORE ANY WORK IS TO COMMENCE ON PROJECT. THE MIXTURE AT THE PLANT OR ON THE ROAD SHALL NOT EXCEED 335 DEGREES. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE AND PROVIDE TEMPERATURE READINGS PRIOR TO LAYING ASPHALT.
 8. AS DETERMINED NECESSARY AND DIRECTED BY COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT OR ENGINEER OF RECORD, THE CONTRACTOR SHALL UNDERCUT ALL UNSUITABLE MATERIAL 24 INCHES BELOW THE BOTTOM OF ANY PROPOSED LIMESTONE BASE, AND SHALL BACKFILL WITH FILL MATERIAL MEETING FOOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. SEE FOOT INDEX 120-001 AND 120-002.
 9. PROVIDE LEVEL PLATFORM IN FRONT OF ALL EGRESS DOORS. THE FLOOR SURFACE ON BOTH SIDES OF A DOOR SHALL BE AT THE SAME ELEVATION. THE FLOOR SURFACE LANDING ON EACH SIDE OF THE DOOR SHALL EXTEND FROM THE DOOR IN THE CLOSED POSITION A DISTANCE EQUAL TO THE DOOR WIDTH AND SHALL COMPLY WITH SECTION 4.13.6 MANEUVERING CLEARANCES AT DOORS OF THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION.
 10. RAMPS SHALL HAVE LEVEL LANDINGS AT THE BOTTOM AND TOP OF EACH RAMP RUN. CURB RAMP ARE NOT REQUIRED TO HAVE LANDINGS. LANDINGS SHALL HAVE THE FOLLOWING FEATURES:
 - A. THE LANDING SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT.
 - B. ALL LANDINGS ON RAMPS SHALL BE NOT LESS THAN 60" CLEAR, AND THE BOTTOM OF EACH RAMP SHALL HAVE NOT LESS THAN 72" OF STRAIGHT AND LEVEL CLEARANCE.
 - C. IF RAMPS CHANGE DIRECTION AT LANDINGS, THE MINIMUM LANDING SIZE SHALL BE 60"x60". IF A RAMP RUN HAS A RISE GREATER THAN 6" OR A HORIZONTAL PROJECTION GREATER THAN 72" THEN IT SHALL HAVE HANDRAILS ON BOTH SIDES. HANDRAILS ARE NOT REQUIRED ON CURB RAMPS. HANDRAILS SHALL BE SHOWN ON THE SITE PLAN.
 11. THE CONTRACTOR SHALL STOCKPILE TOPSOIL AND CONSTRUCTION MATERIALS IN AREAS DESIGNATED BY THE OWNER.
 12. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING RECORD DRAWINGS AS NOTED IN NOTE #29 UNDER SITE GENERAL NOTES.
 13. ALL CONCRETE USED SHALL BE 2,500 PSI MINIMUM.
 14. ALL WELLS, CLEANOUTS, MANHOLE TOPS, PULL BOX COVERS AND OTHER UTILITY APPURTENANCES IN THE AREA OF REDEVELOPMENT SHALL BE PROTECTED AND TOPS ADJUSTED TO MATCH PROPOSED GRADES.
 15. CONTRACTOR SHALL SAW CUT, TACK, AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS ANY EXISTING PAVEMENT.
 16. SOD SHALL BE PLACED AROUND ALL STRUCTURES AS DIRECTED BY THE FOOT INDEX 524-001 AND FOOT INDEX 425- AND 430- SERIES AS APPROPRIATE. ALL OTHER DISTURBED AREAS SHALL BE SEEDED AND MULCHED.
 17. ALL STORM SEWER CURB AND DITCH BOTTOM INLETS SHALL CONFORM TO THE APPLICABLE FOOT INDEX. ALL DRAINAGE STRUCTURES WITH GRATES THAT ARE LOCATED IN GRASSED AREAS SHALL HAVE THE GRATE CHAINED TO THE STRUCTURE USING AN EYE BOLT AND CHAIN.
 18. ALL CONCRETE STRUCTURES SHALL HAVE ALL EXPOSED EDGES CHAMFERED 3/4" AND CLASS 1 SURFACE FINISH.
 19. ALL HOPE FITTINGS AND CONNECTORS SHALL BE WINTER TIGHT. SEE SPECIFICATIONS FOR MORE INFORMATION.
 20. COMPACTION OF ALL MATERIALS SHALL BE LIMITED TO STATIC MOUD ONLY, UNLESS DIRECTED OTHERWISE BY THE ENGINEER OF RECORD.
 21. ALL RCP PIPE JOINTS SHALL BE WRAPPED WITH FILTER FABRIC IN ACCORDANCE WITH FOOT STANDARD SPECIFICATION SECTION 430.

WATER AND WASTEWATER GENERAL NOTES


1. MATERIALS AND CONSTRUCTION METHODS FOR WATER AND WASTEWATER SYSTEMS SHALL BE IN ACCORDANCE WITH THE LOCAL REGULATORY AGENCY CODES, PLANS, AND SPECIFICATIONS FOR CONSTRUCTION, LATEST REVISION THEREOF AND SUPPLEMENTAL SPECIFICATIONS THERETO. APPROVAL AND CONSTRUCTION OF ALL UTILITY EXTENSIONS AND CONNECTIONS MUST BE COORDINATED THROUGH THE REGULATORY AGENCY DEPARTMENT FOR PUBLIC UTILITIES.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL UTILITY COMPANIES TO DISCONNECT OR REMOVE THEIR FACILITIES PRIOR TO REMOVING OR DEMOLISHING ANY EXISTING STRUCTURES FROM THE SITE.
3. THE CONTRACTOR IS RESPONSIBLE FOR ANY NECESSARY UTILITY FIELD LOCATION AND RELOCATION AS REQUIRED.
4. THE COST OF ALL TESTING OF COMPACTION AND OTHER REQUIRED TESTS SHALL BE PAID BY THE CONTRACTOR AND MADE AVAILABLE TO THE ENGINEER OF RECORD DURING SITE INSPECTIONS.
5. THE CONTRACTOR SHALL PERFORM AN INFILTRATION/EXFILTRATION TEST ON GRAVITY SEWERS IN ACCORDANCE WITH THE REGULATORY JURISDICTION. SAID TESTS ARE TO BE CERTIFIED BY THE ENGINEER AND SUBMITTED TO THE REGULATORY AGENCY FOR APPROVAL. COORDINATION AND NOTIFICATION OF PARTIES IS THE CONTRACTOR'S RESPONSIBILITY.
6. ALL FORCE MAINS SHALL BE SUBJECT TO A HYDROSTATIC PRESSURE TEST IN ACCORDANCE WITH THE REGULATORY AGENCY HAVING JURISDICTION. SAID TESTS ARE TO BE CERTIFIED BY THE ENGINEER AND SUBMITTED TO THE REGULATORY AGENCY FOR APPROVAL. COORDINATION AND NOTIFICATION OF PARTIES IS THE CONTRACTOR'S RESPONSIBILITY.
7. THE CONTRACTOR SHALL SUBMIT FOR REVIEW TO THE OWNER AND OWNER'S ENGINEER SHOP DRAWINGS ON ALL PRECAST AND MANUFACTURED ITEMS TO BE USED ON THIS SITE. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE. THE ENGINEER'S APPROVAL OF A SHOP DRAWING DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR THE PERFORMANCE OF THE ITEM.
8. A HORIZONTAL SEPARATION OF TEN FEET PREFERRED, BUT NO LESS THAN SIX FEET, SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND CITY OR PRESSURE WASTEWATER MAINS. WASTEWATER FORCE MAINS, AND RECLAIMED WATER MAINS NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. A HORIZONTAL SEPARATION OF TEN FEET PREFERRED, BUT NO LESS THAN THREE FEET, SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND VACUUM WASTEWATER MAINS. A HORIZONTAL SEPARATION OF THREE FEET SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND STORM SEWERS, STORMWATER FORCE MAINS, AND RECLAIMED WATER MAINS REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
9. WHEN POTABLE WATER MAINS CROSS OTHER PIPES, THE TWO PIPES SHALL HAVE JOINTS A MINIMUM OF SIX FEET FROM THE CROSSING. WHEN POTABLE WATER MAINS CROSS UNDERNEATH OTHER PIPES, THE MINIMUM VERTICAL SEPARATION IS TWELVE INCHES. WHEN POTABLE WATER MAINS CROSS ABOVE PRESSURE WASTEWATER MAINS, WASTEWATER FORCE MAINS, AND RECLAIMED WATER MAINS, THE MINIMUM VERTICAL SEPARATION IS TWELVE INCHES. WHEN POTABLE WATER MAINS CROSS ABOVE GRAVITY AND VACUUM WASTEWATER MAINS, STORM SEWERS, AND STORMWATER FORCE MAINS, THE PREFERRED VERTICAL SEPARATION IS TWELVE INCHES AND THE MINIMUM VERTICAL SEPARATION IS SIX INCHES.
10. ALL WATER MAINS SHALL HAVE A MINIMUM OF 36 INCHES OF COVER.
11. RESTRAINED JOINTS SHALL BE PROVIDED AT ALL FITTINGS AND HYDRANTS IN ACCORDANCE WITH AWWA STANDARDS.
12. ALL PVC WATER SERVICE LINES SHALL BE SCH 40 PVC.
13. THE SITE WORK CONTRACTOR SHALL ENGAGE THE SERVICES OF A LICENSED UNDERGROUND UTILITY AND EXCAVATION CONTRACTOR TO INSTALL THE NEW WATER SERVICE LINE.
14. ALL SANITARY SEWER SERVICE LATERALS SHALL BE 4" PVC SDR 35 OR 6" PVC SDR 35 WITH A CLEAN-OUT LOCATED PER THE PLANS. MINIMUM SLOPE FOR 4" LATERALS SHALL BE 1.0% AND A MINIMUM CLEAN-OUT SPACING OF 75 FEET ON-CENTER AND MINIMUM SLOPE FOR 6" LATERALS SHALL BE 0.6% AND A MINIMUM CLEAN-OUT SPACING OF 100 FEET ON-CENTER.
15. PUBLIC UTILITY EASEMENTS WILL BE PROVIDED AS REQUIRED FOR ALL UTILITIES SHOWN HEREON BY METES AND BOUND DESCRIPTION AND IN ACCORDANCE WITH THE REGULATORY AGENCY DEPARTMENT FOR PUBLIC UTILITIES.

ELECTRIC SERVICE GENERAL NOTES

1. ALL ELECTRICAL UTILITIES AND INFORMATION SHOWN ON THE CIVIL PLANS ARE FOR LOCATION AND COORDINATION PURPOSES ONLY. REFER TO ELECTRICAL PLANS BY OTHERS FOR THE ELECTRICAL DESIGN AND DETAILS.
2. ELECTRIC DESIGN PROVIDED BY CLAY ELECTRIC.

FDOT GENERAL NOTES

1. ALL WORK PERFORMED WITHIN THE FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY SHALL CONFORM TO THE FOLLOWING:
 - A. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (JULY 2023).
 - B. FDOT STANDARD PLANS (FY 2023-2024 ROAD CONSTRUCTION)
 - C. FDOT DESIGN MANUAL (2023)
 - D. FDOT FLEXIBLE PAVEMENT DESIGN MANUAL FOR NEW CONSTRUCTION AND PAVEMENT REHABILITATION
- SHOULD A CONFLICT ARISE BETWEEN THE DETAILS SHOWN IN THE PLANS AND THE DEPARTMENT OF TRANSPORTATION STANDARDS THE ENGINEER/ PERMITTEE SHALL IMMEDIATELY CONFER WITH THE DEPARTMENT'S ENGINEER IN ORDER TO RESOLVE THE DISCREPANCY. IN NO CASE WILL ANYTHING LESS THAN THE DEPARTMENT'S MINIMUM STANDARD BE ALLOWED.
2. ALL TRAFFIC STRIPING AND MARKINGS ARE TO BE LEAD-FREE, NON-SOLVENT BASED THERMOPLASTIC.
3. REMOVAL OF EXISTING STRIPING SHALL BE ACCOMPLISHED USING THE "HYDRO-BLAST" METHOD.
4. ALL CURB AND GUTTER AND SIDEWALK WILL BE REMOVED AND REPLACED JOINT TO JOINT.
5. ALL DISTURBED AREA WITH THE DEPARTMENT OF TRANSPORTATION RIGHT OF WAY WILL BE RESTORED TO ORIGINAL OR BETTER CONDITION BY GRADING AND SODDING THE AREA DISTURBED (BERMUDA IN RURAL, CENTIPEDE IN UTILITY STRIPS).

<div>FL/PE No. 91233</div> <div>C0.10</div>		<div>PROJECT NUMBER: 23-0250</div> <div>SHEET TITLE: GENERAL NOTES</div>		<div>TECHNICIAN: NICOLA R. COWAP</div> <div>DESIGNER: N. COWAP, P.E.</div> <div>QUALITY CONTROL: T. HASTAY, P.E.</div>		<div>CLIENT: CONCEPT DEVELOPMENT, INC.</div> <div>PROJECT: COMMERCIAL RETAIL STORE PORT WHITE</div>		<div>SUBMITTALS: 08-23-23 CITY OF FORT WHITE, FDOT, SRWMD 09-05-23 CITY OF FORT WHITE COMMENTS 10-25-23 CITY OF FORT WHITE COMMENTS 12-12-23 CITY OF FORT WHITE COMMENTS</div>		<div>CONSTRUCTION/REVISIONS:</div>		<div>SCALE: N/A</div> <div>VERIFY SCALE: BAR IS ONE INCH ON ORIGINAL DRAWING. 1" = 0'.</div> <div>IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE ACCORDINGLY.</div>		<div> Professional Consultants</div> <div>18001 Research Drive Altachua, Florida 32615 (352) 331-1976 www.clin-inc.com</div> <div>est. 1988 FLORIDA CA-5075</div>	
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ABBREVIATIONS

SYMBOLS		N	
·	FEET (WHEN USED WITH LENGTHS)	N	NORTH
°	DEGREES	N-E	NORTHING - EASTING
'	MINUTES (WHEN USED WITH ANGLES)	N/A	NOT APPLICABLE
"	SECONDS	NAVD	NORTH AMERICAN VERTICAL DATUM OF 1988
%	PERCENT	NGVD	NATIONAL GEODETIC VERTICAL DATUM OF 1929
@	AT	NO	NUMBER
A		NPDES	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
AASHTO	ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS	NTS	NOT TO SCALE
AC		O	
ADA	AMERICAN WITH DISABILITIES ACT	OC	ON CENTER
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	OHW	OVERHEAD WIRE
ARCH	ARCHITECT	ORB	OFFICIAL RECORDS BOOK
ARV	AIR RELEASE VALVE	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	P	
AWWA	AMERICAN WATER WORKS ASSOCIATION	PAVT	PAVEMENT
B		PC	POINT OF CURVATURE
BC	BACK OF CURB	PCC	POINT OF COMPOUND CURVE
BFP	BACKFLOW PREVENTER	PE	POLYETHYLENE
BLDG	BUILDING	PERF	PERFORATED
BM	BENCHMARK	PV	POST INDICATOR VALVE
BMP	BEST MANAGEMENT PRACTICE	PROP	PROPOSED
BOS	BACK OF CURB	PT	POINT OF TANGENCY
BVCS	BEGIN VERTICAL CURVE STATION	PVC	POLYVINYL CHLORIDE
BVCE	BEGIN VERTICAL CURVE ELEVATION	PUE	PUBLIC UTILITY EASEMENT
BW	BOTTOM OF WALL	PVI	POINT OF VERTICAL INTERSECTION
BSL	BUILDING SETBACK LINE	R	
C		R	RADIUS
CATV	CABLE TELEVISION	RCP	REINFORCED CONCRETE PIPE
CI	CURB INLET	RPM	RAISED REFLECTIVE PAVEMENT MARKER
CP	CAST IRON PIPE	RPS	REDUCED PRESSURE ZONE
CLDIP	CEMENT LINE DUCTILE IRON PIPE	RT	RIGHT
CMP	CORRUGATED METAL PIPE	RWM	RECLAIMED WATER MAIN
CO	CLEANOUT	R/W	RIGHT-OF-WAY
COA	CITY OF ALACHUA	S	
CONC	CONCRETE	S	SOUTH
COORD	COORDINATE	SAN	SANITARY
CR	COUNTY ROAD	SHWE	SEASONAL HIGH WATER ELEVATION
C/O	CLEANOUT	SF	SILT FENCE
D		SL	SLOPE
DBH	DIAMETER AT BREAST HEIGHT	SP	SUPERPAVE
DE	DRAINAGE EASEMENT	SR	STATE ROAD
DEG	DEGREE	SS	SANITARY SEWER
DIA	DIAMETER	ST	STORM
DIP	DUCTILE IRON PIPE	STA	STATION
DWG	DRAWING	STD	STANDARD
E		T	
e	RATE OF ELEVATION	TB	TREE BARRICADE
E	EAST	TCE	TEMPORARY CONSTRUCTION EASEMENT
EA	EACH	TEMP	TEMPORARY
EL	ELEVATION	TOR	TOP OF BANK
ELEV	ELEVATION	TV	TELEVISION
EOP	EDGE OF PAVEMENT	TW	TOP OF WALL
EOR	ENGINEER OF RECORD	TYP	TYPICAL
ERCP	ELLIPTICAL REINFORCED CONCRETE PIPE	U	
ESMT	EASEMENT	USF	UNITED STATES FOUNDRY
EVCS	END VERTICAL CURVE STATION	USGS	UNITED STATES GEOLOGICAL SURVEY
EVCE	END VERTICAL CURVE ELEVATION	UTIL	UTILITY
EX	EXISTING	V	
F		V	VERTICAL
FAC	FLORIDA ADMINISTRATIVE CODE	VC	VERTICAL CURVE
FBR	FLORIDA BEARING RATIO	VCP	VITRIFIED CLAY PIPE
FC	FRICTION COURSE	W	
FDEP	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	W	WEST
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION	W	WATER
FFE	FINISHED FLOOR ELEVATION	W/	WITH
FH	FIRE HYDRANT	WM	WATER MAIN
FWHA	FLORIDA HIGHWAY ADMINISTRATION	WW	WASTEWATER
FIG	FIGURE	WWF	WELDED WIRE FABRIC
FM	FORCE MAIN	G	
FOC	FACE OF CURB	GALV	GALVANIZED
FS	FLORIDA STATUTES	GM	GAS MAIN
FT	FEET	GV	GATE VALVE
H		I	
HDPE	HIGH DENSITY POLYETHYLENE	ID	IDENTIFICATION
HP	HIGH POINT	INV	INVERT
I		INV EL	INVERT ELEVATION
ID	IDENTIFICATION	IP	IRON PIPE
K		L	
K	VERTICAL CURVE RATE OF CHANGE	L	LENGTH
L		LA	LANDSCAPE ARCHITECT
LBR	LIMEROCK BEARING RATIO	LDR	LAND DEVELOPMENT REGULATION
LDR	LAND DEVELOPMENT REGULATION	LF	LINEAR FEET
LP	LOW POINT	LT	LEFT
M		N	
MAX	MAXIMUM	N	NORTH
ME	MATCH EXISTING	N-E	NORTHING - EASTING
MH	MANHOLE	N/A	NOT APPLICABLE
MIN	MINIMUM	NAVD	NORTH AMERICAN VERTICAL DATUM OF 1988
MISC	MISCELLANEOUS	NGVD	NATIONAL GEODETIC VERTICAL DATUM OF 1929
MJ	MECHANICAL JOINT	NO	NUMBER
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES	NPDES	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

SIGNAGE

SIGNS ARE PER FDOT SPECIFICATIONS OR PER MUTCD. SIGN POSTS AND INSTALLATION SHALL BE PER FDOT INDEX NO. 700-010. SIGN PLACEMENT SHALL BE PER FDOT INDEX NO. 700-101.

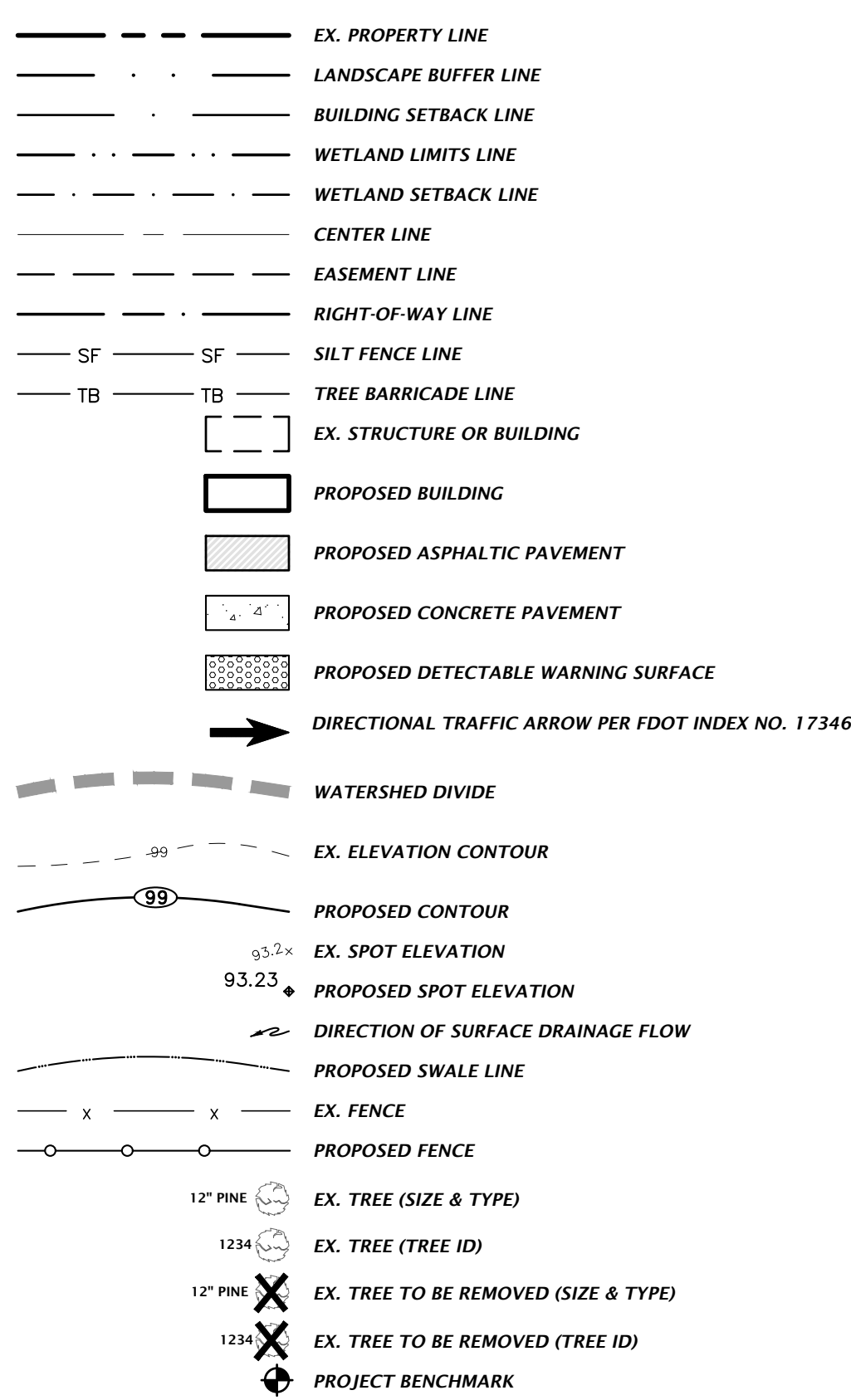


FTP-20-06 (12" X 18") PER FDOT INDEX NO. 700-102



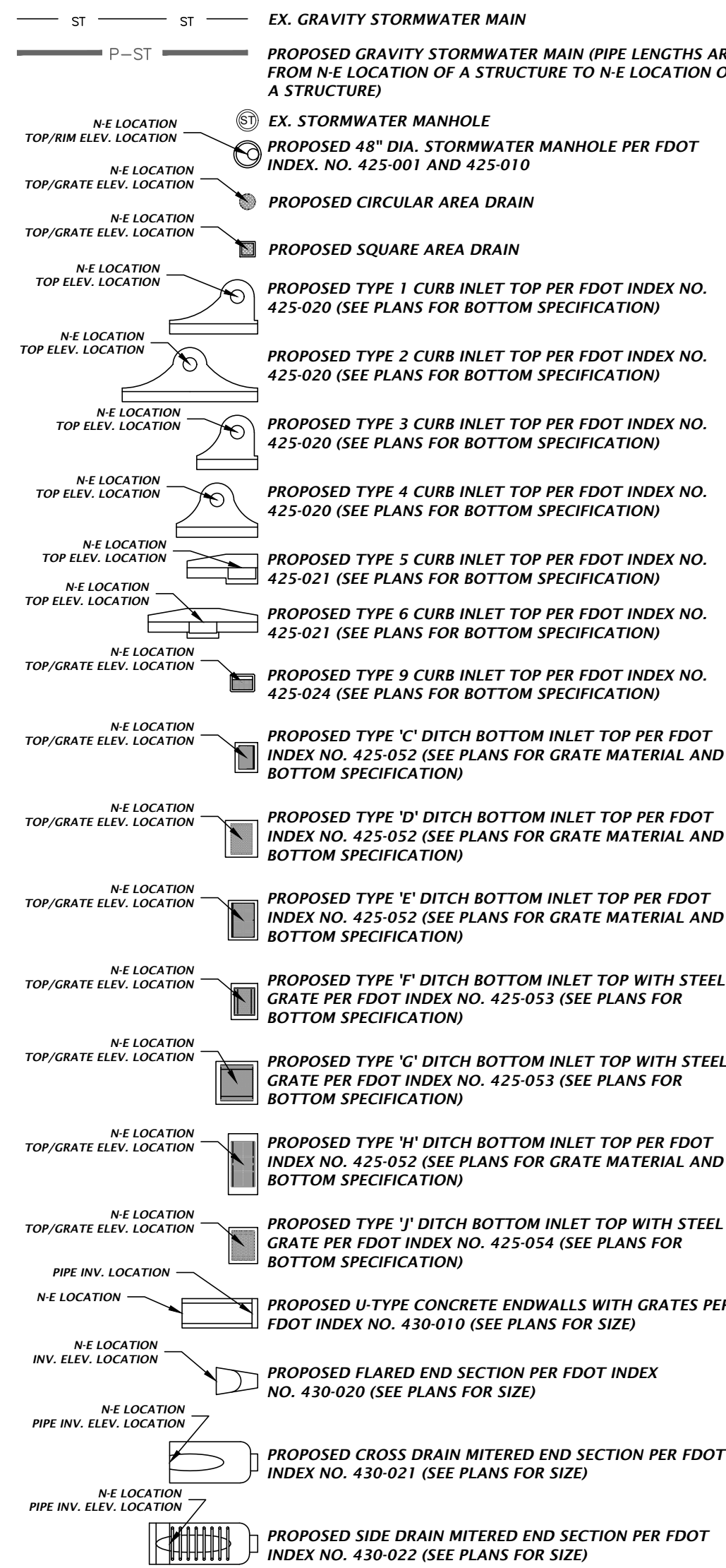
R1-1 "STOP" - SEE PLANS FOR SIZE

SITE INFORMATION



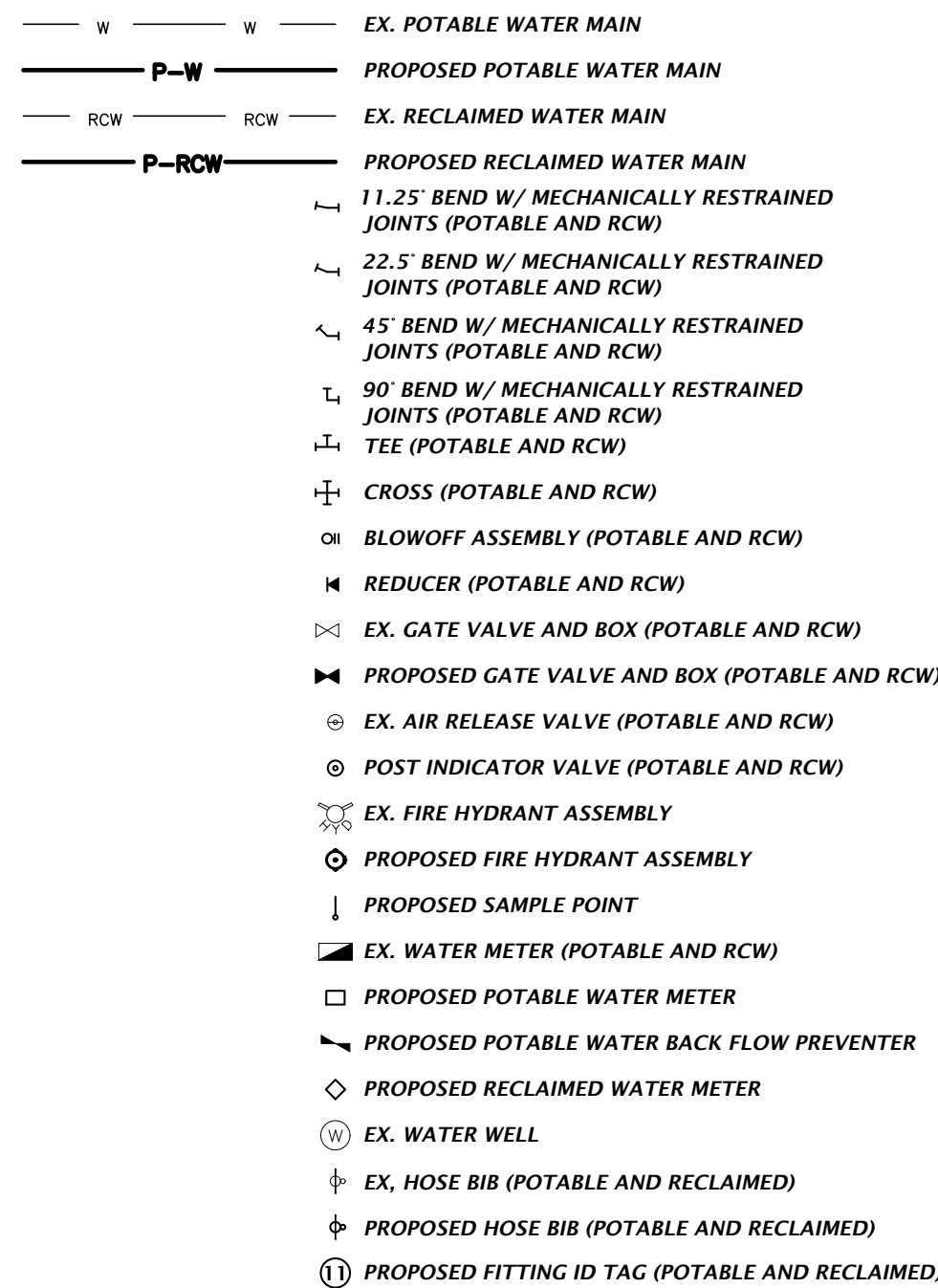
STORMWATER

THE PROPOSED STORMWATER STRUCTURES DEPICTED BELOW ARE DRAWN PER FDOT SPECIFICATIONS AND TO SCALE WHEN SHOWN ON THE PLAN SHEETS.

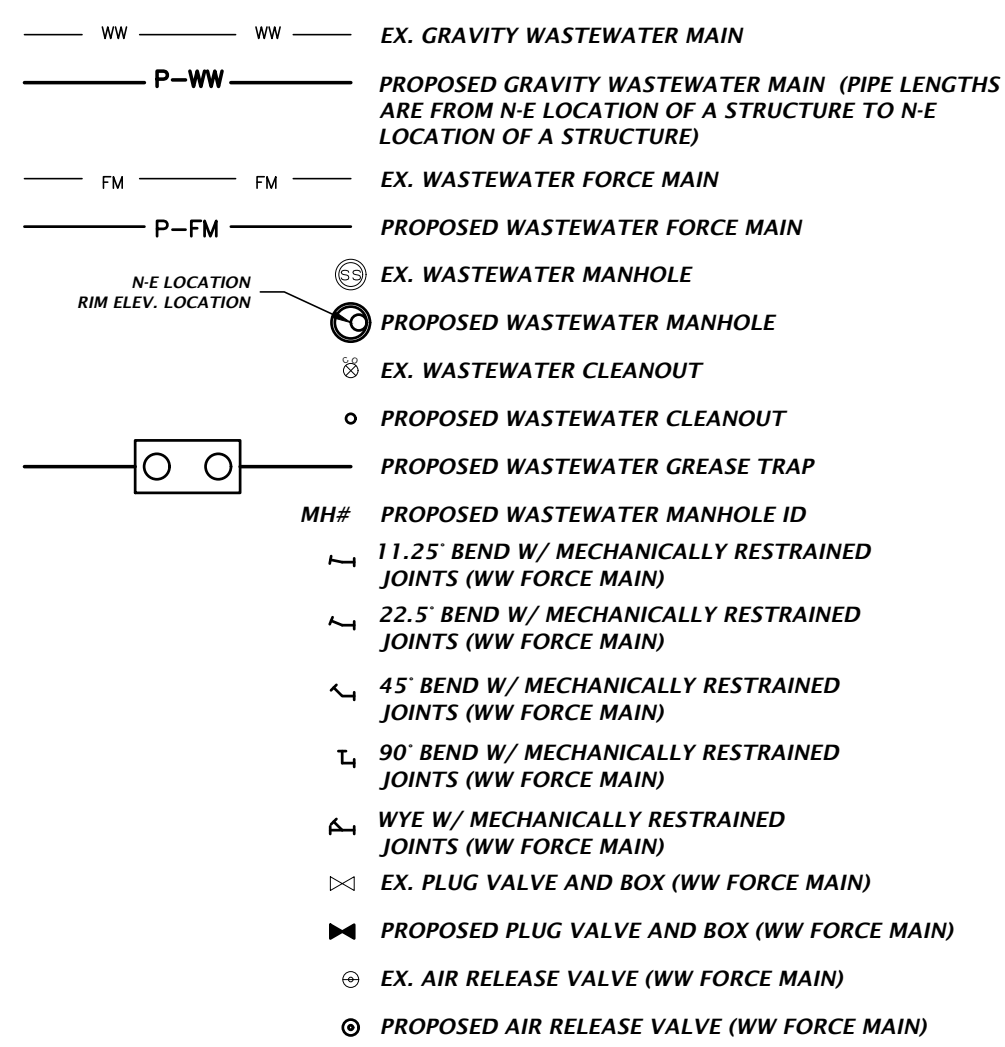


S-10 PROPOSED STORMWATER STRUCTURE ID TAG

POTABLE AND RECLAIMED WATER

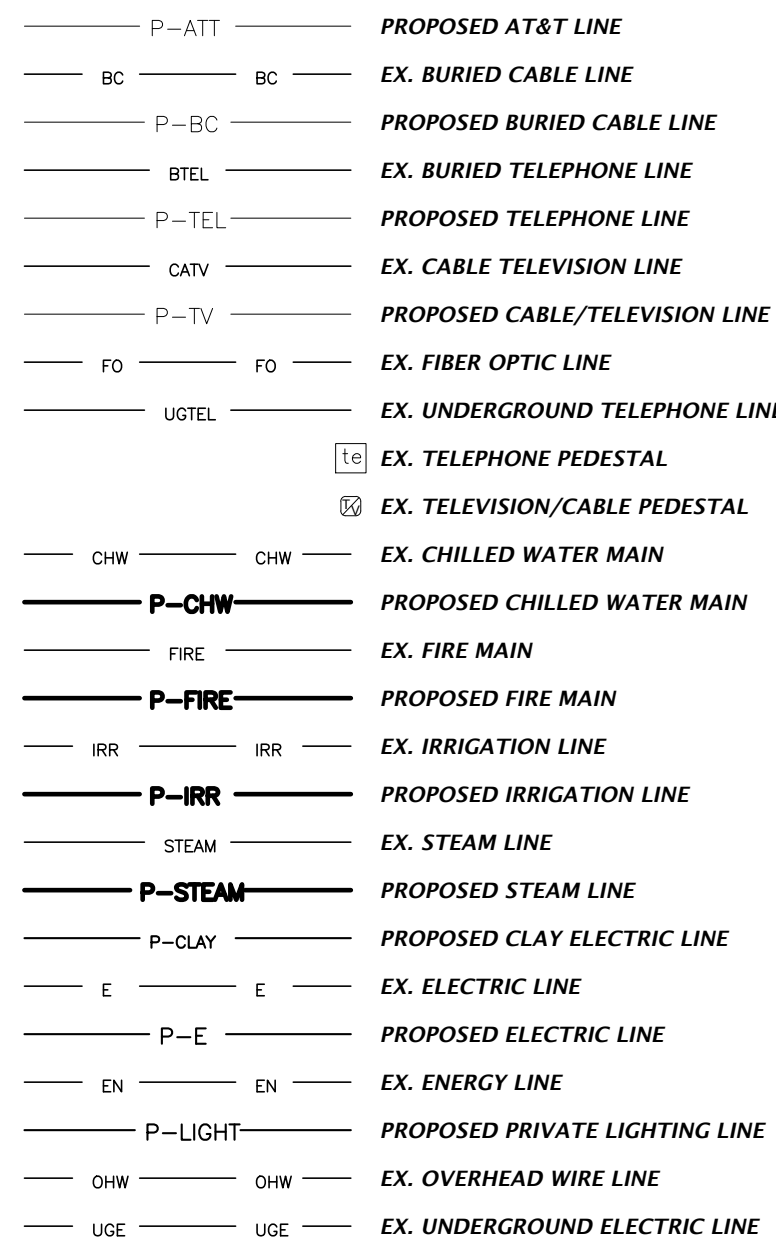


WASTEWATER



MISCELLANEOUS UTILITIES

THE PROPOSED UTILITIES BELOW ARE DESIGN BY OTHERS AND ARE DEPICTED FOR COORDINATION PURPOSES ONLY. REFER TO PLANS BY OTHERS FOR EXACT LOCATIONS, DIMENSION, AND DETAILS.



NOTES:
1. THIS LEGEND IS ALL INCLUSIVE AND MAY INCLUDE ITEMS NOT A PART OF THIS PLAN SET.
2. SYMBOLS SHOWN ON THIS SHEET ARE FOR ILLUSTRATIVE PURPOSES ONLY. UNLESS NOTED OTHERWISE, SYMBOLS IN THESE PLANS MAY NOT BE REPRESENTATIVE OF SIZE.

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CHW
Professional Consultants

N/A
VERIFY SCALE
SHEET IS ONE INCH ON
A STANDARD 11" X 17" SHEET
IF NOT ONE INCH ON
A STANDARD 11" X 17" SHEET
SIZES ACCORDINGLY.

CONSTRUCTION AND REVISIONS

SUBMITTALS
08-23-23 CITY OF FORT WHITE, FDOT, SRWMD
11-03-23 CITY OF FORT WHITE COMMENTS
12-12-23 CITY OF FORT WHITE & FDOT COMMENTS

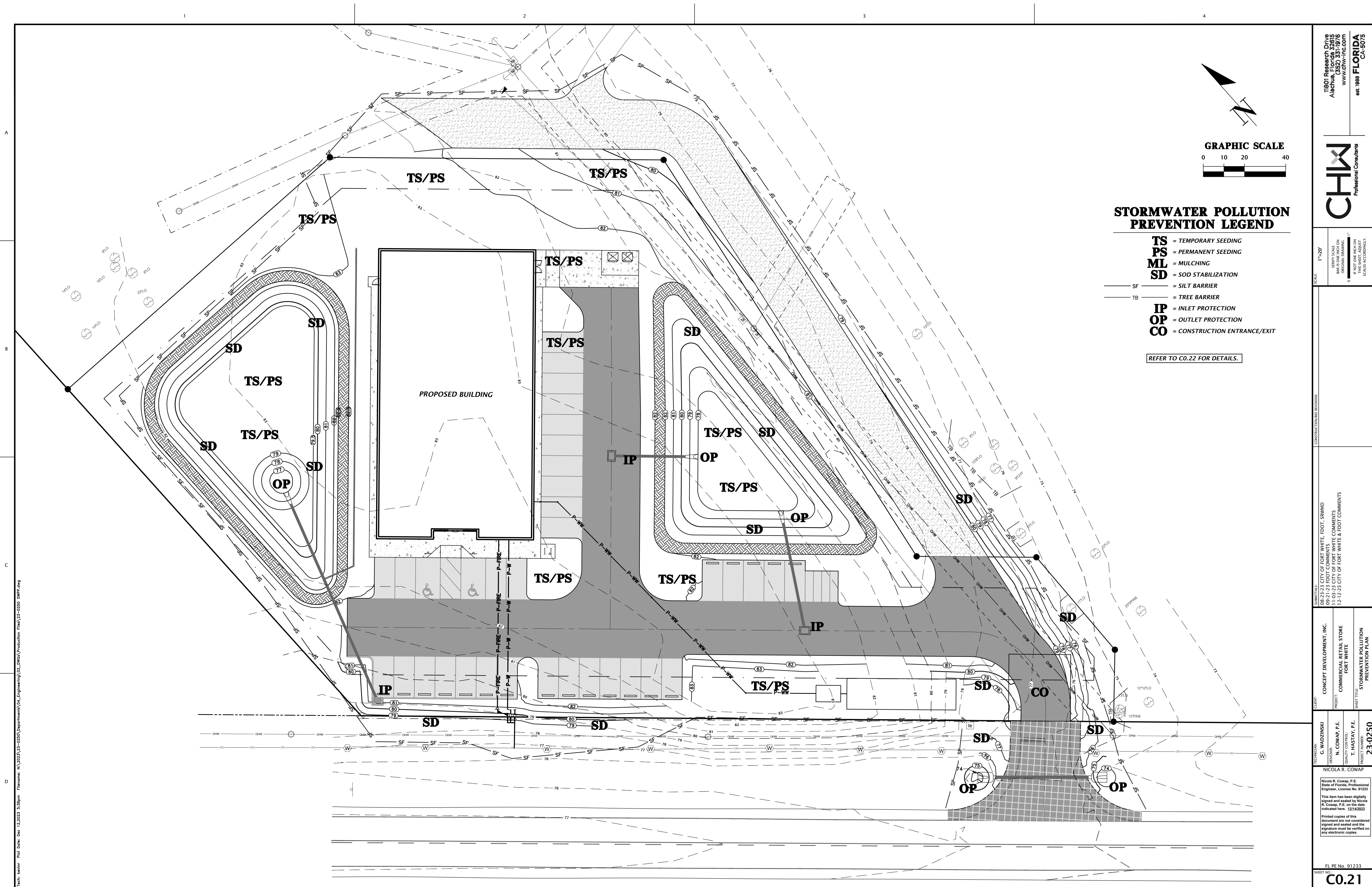
CLIENT
CONCEPT DEVELOPMENT, INC.
PROJECT
COMMERCIAL RETAIL STORE
FORT WHITE
SHEET TITLE
LEGEND

TECHNICIAN
G. WADZINSKI
DESIGNER
N. COWAP, P.E.
QUALITY CONTROL
T. HASTAY, P.E.
PROJECT NUMBER
23-0250

Nicola R. Cowap, P.E.
State of Florida, Professional
Engineer, License No. 91233
This item has been digitally
signed and sealed by Nicola
R. Cowap, P.E. on the date
indicated here: 12/15/2023
Printed copies of this
document are not considered
signed and sealed and the
signature must be verified on
any electronic copies.

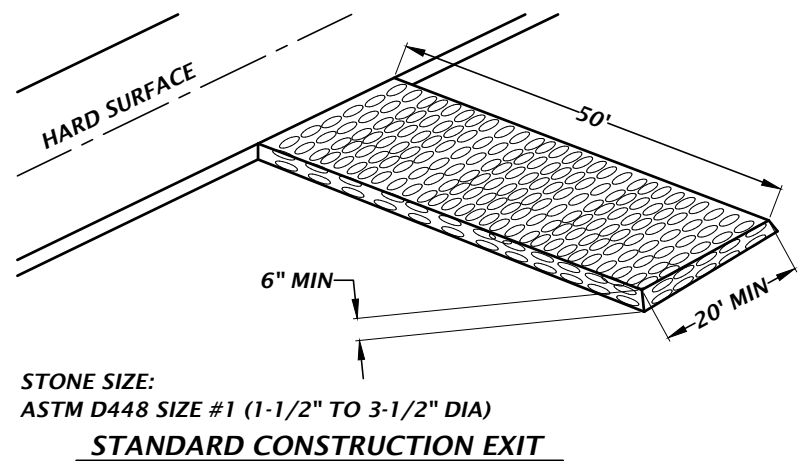
FL PE No. 91233
SHEET NO.
C0.11

Approved
2023-A-292-00034
Dan Morgan
3/6/2024



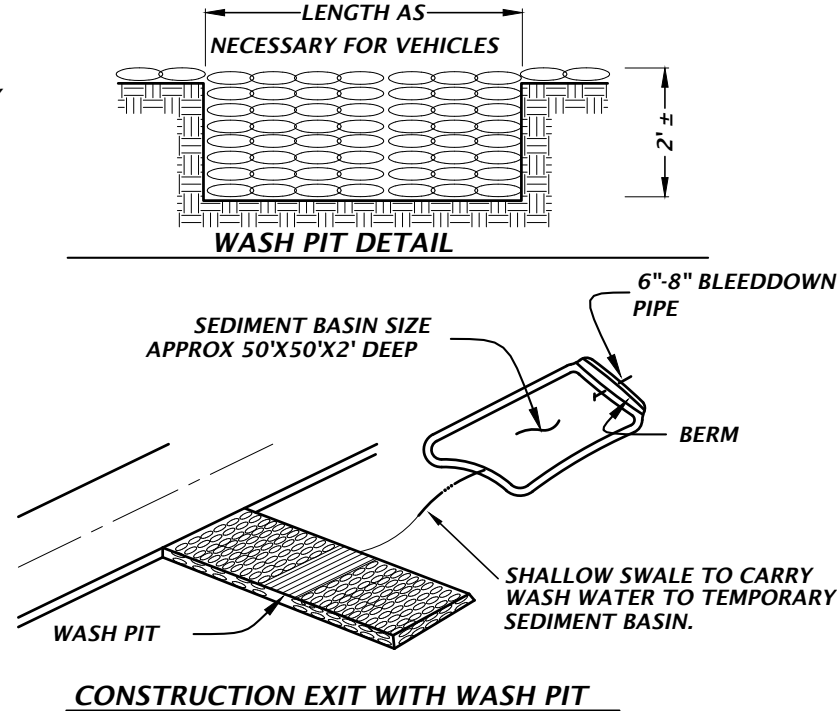
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NOTE:
1. CONSTRUCTION EXIT INSTALLATION SHALL REMOVE MUD/SOILS FROM TIRES TO PREVENT TRACKING ONTO PUBLIC ROADS.
2. TOP DRESSING WITH 2" STONE MAY BE REQ'D AS DETERMINED BY THE USE AND FUNCTION OF THE SYSTEM.
3. THE WASH PIT SHOULD BE INSTALLED IF THE STANDARD CONSTRUCTION EXIT DOES NOT SUFFICIENTLY REMOVE SOILS AND WASHING IS REQ'D.



STANDARD CONSTRUCTION EXIT

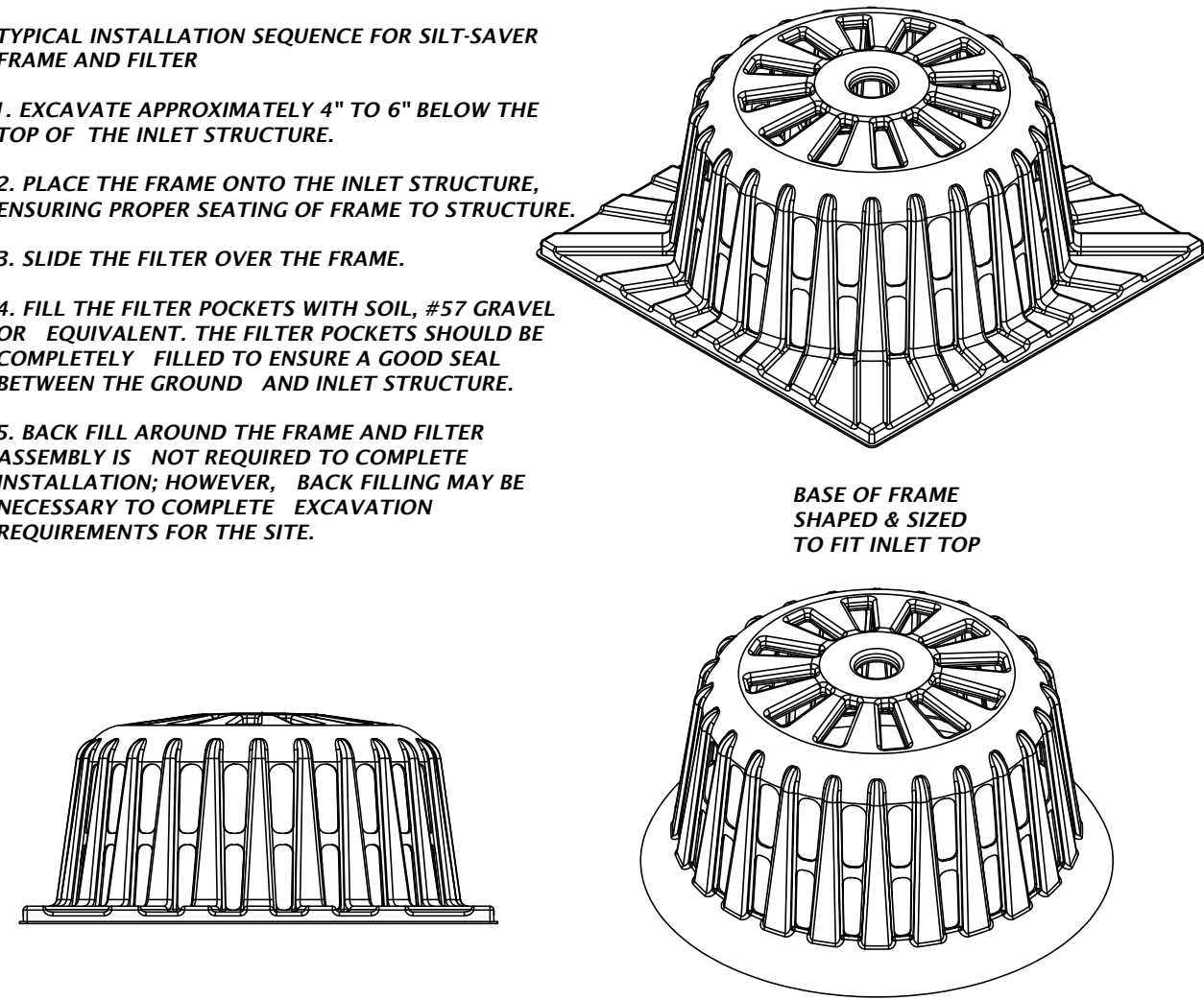
TEMPORARY CONSTRUCTION EXIT DETAIL



CONSTRUCTION EXIT WITH WASH PIT

TYPICAL INSTALLATION SEQUENCE FOR SILT-SAVER FRAME AND FILTER

- EXCAVATE APPROXIMATELY 4" TO 6" BELOW THE TOP OF THE INLET STRUCTURE.
- PLACE THE FRAME ONTO THE INLET STRUCTURE, ENSURING PROPER SEATING OF FRAME TO STRUCTURE.
- SLIDE THE FILTER OVER THE FRAME.
- FILL THE FILTER POCKETS WITH SOIL, #57 GRAVEL OR EQUIVALENT. THE FILTER POCKETS SHOULD BE COMPLETELY FILLED TO ENSURE A GOOD SEAL BETWEEN THE GROUND AND INLET STRUCTURE.
- BACK FILL AROUND THE FRAME AND FILTER ASSEMBLY IS NOT REQUIRED TO COMPLETE INSTALLATION; HOWEVER, BACK FILLING MAY BE NECESSARY TO COMPLETE EXCAVATION REQUIREMENTS FOR THE SITE.



SILT-SAVER® DETAIL

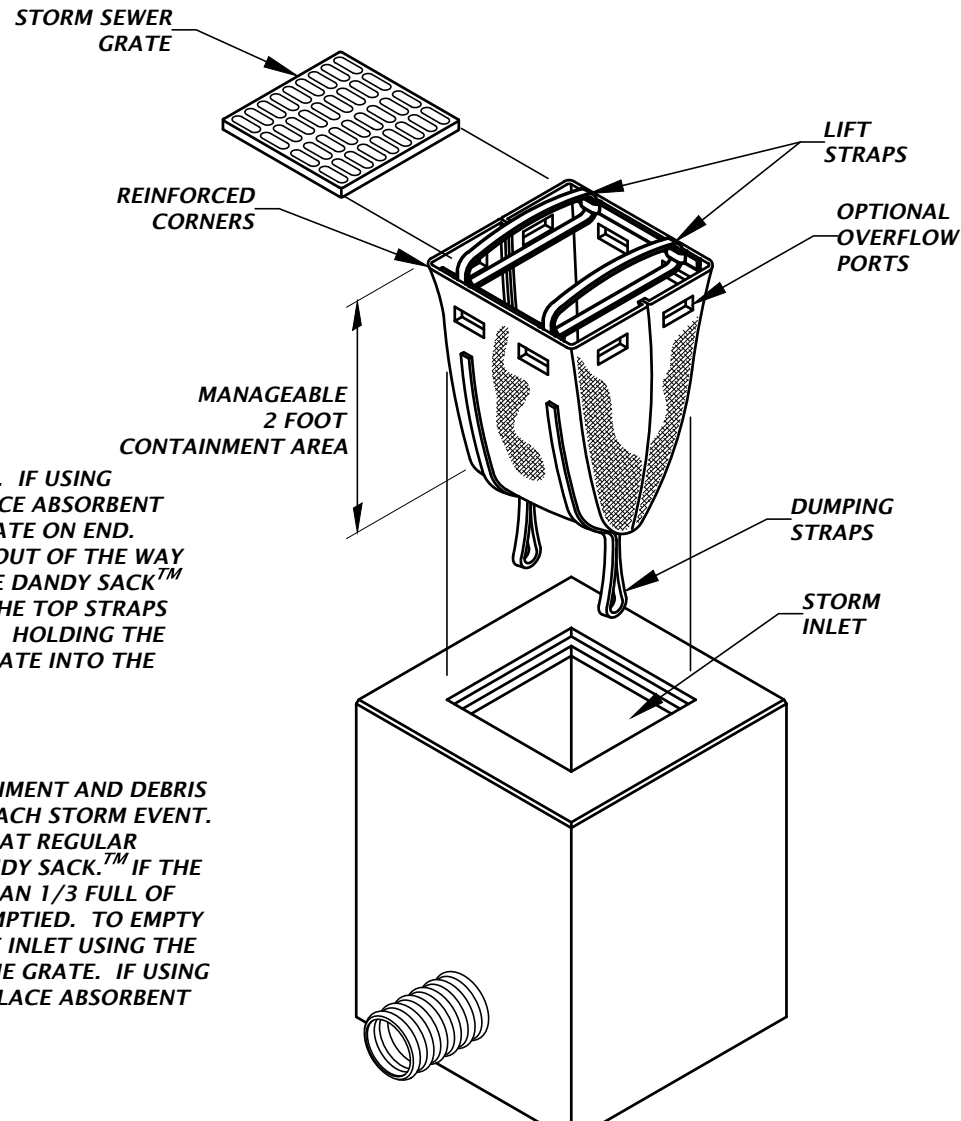
NTS

INSTALLATION:

REMOVE THE GRATE FROM INLET. IF USING OPTIONAL OIL ABSORBENTS, PLACE ABSORBENT PILLOW IN UNIT. STAND THE GRATE ON END. MOVE THE TOP LIFTING STRAPS OUT OF THE WAY AND PLACE THE GRATE INTO THE DANDY SACK™ SO THAT THE GRATE IS BELOW THE TOP STRAPS AND ABOVE THE LOWER STRAPS. HOLDING THE LIFTING DEVICES, INSERT THE GRATE INTO THE INLET.

MAINTENANCE:

REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM VICINITY OF UNIT AFTER EACH STORM EVENT. AFTER EACH STORM EVENT AND AT REGULAR INTERVALS, LOOK INTO THE DANDY SACK™. IF THE CONTAINMENT AREA IS MORE THAN 1/3 FULL OF SEDIMENT, THE UNIT MUST BE EMPTIED. TO EMPTY UNIT, LIFT THE UNIT OUT OF THE INLET USING THE LIFTING STRAPS AND REMOVE THE GRATE. IF USING OPTIONAL OIL ABSORBENTS, REPLACE ABSORBENT WHEN NEAR SATURATION.

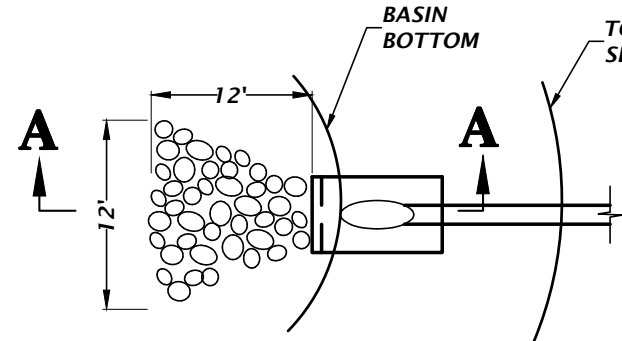


DANDY SACK™ DETAIL

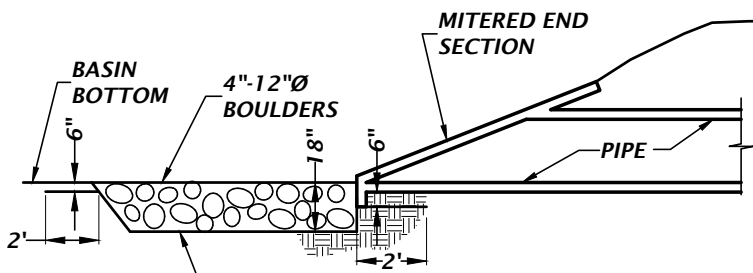
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INLET PROTECTION OPTIONS DETAIL

NTS



PLAN



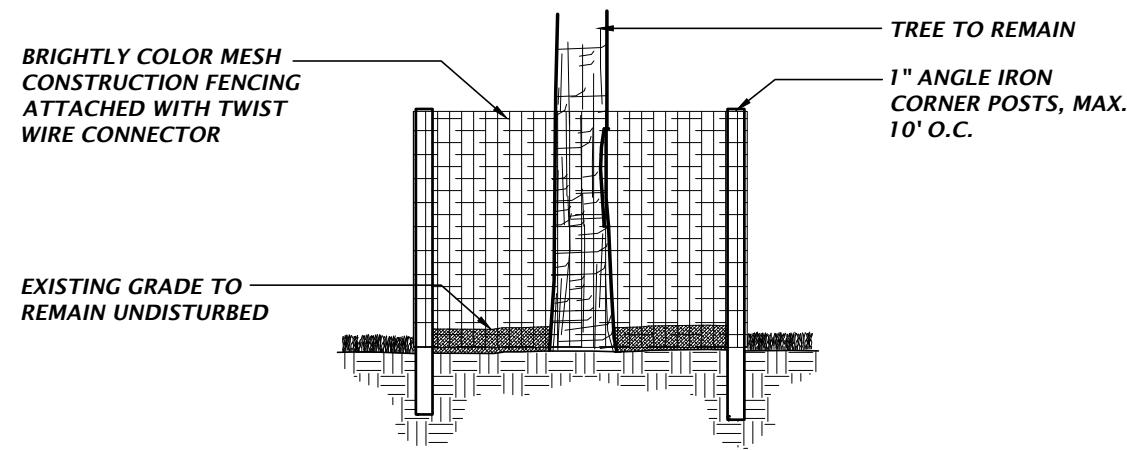
SECTION A-A

NOTES:

- ANCHOR FILTER FABRIC BY EXTENDING BEYOND RIPRAP AND BACKFILLING AS SHOWN ON DETAIL.
- RIPRAP SHALL NOT EXTEND ONTO SIDE SLOPES.
- ADJUST SHAPE OF APRON WHERE REQUIRED TO MATCH TOE OF SLOPE.
- BROKEN SLOPE IS NOT ACCEPTABLE.

RIP-RAP EROSION PROTECTION

NTS

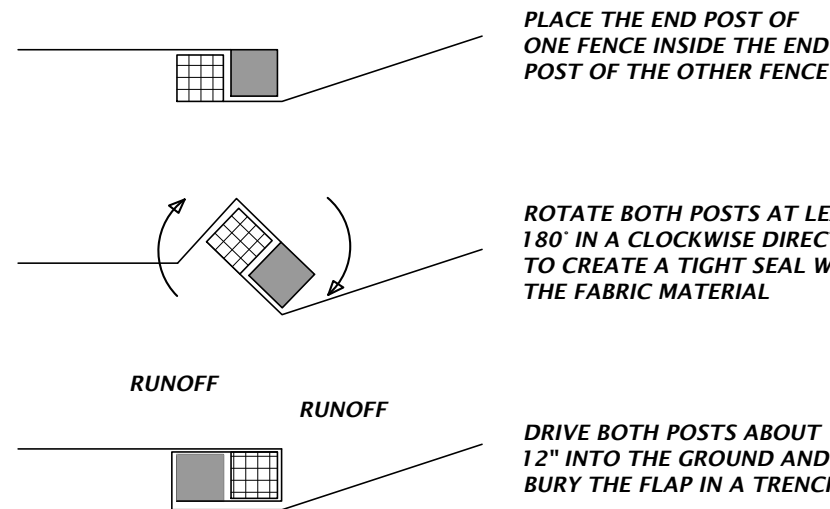


TREE PROTECTION DETAIL

NTS

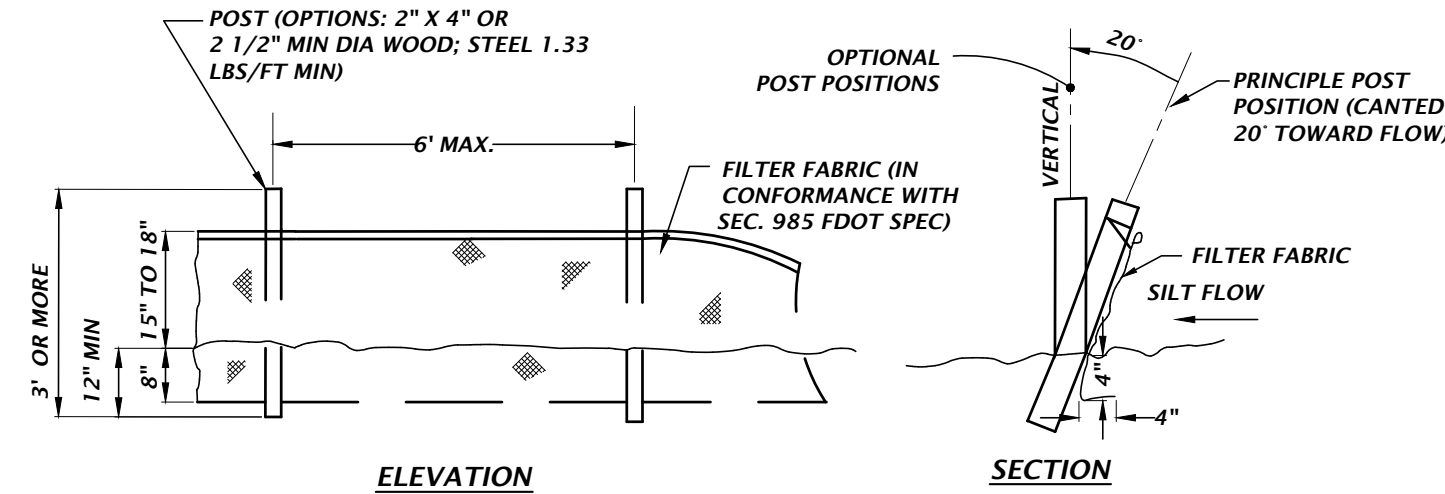
TREE PROTECTION NOTES

- PROTECTIVE BARRIERS SHALL BE CONSTRUCTED, AS NECESSARY, TO PREVENT THE DESTRUCTION OR DAMAGING OF REGULATED TREES THAT ARE LOCATED WITHIN 50 FEET OF ANY CONSTRUCTION ACTIVITY OR STORAGE OF EQUIPMENT AND MATERIALS.
- PROTECTIVE BARRIERS SHALL BE PLAINLY VISIBLE AND SHALL CREATE A CONTINUOUS BOUNDARY AROUND TREES OR VEGETATION CLUSTERS IN ORDER TO PREVENT ENCROACHMENT BY MACHINERY, VEHICLES OR STORED MATERIALS.
- NO TRENCHING ALLOWED WITHIN THE PROTECTIVE BARRIER ZONE. HAND DIG TO INSTALL UTILITY IF APPROVED BY CITY MANAGER OR DESIGNEE. WHERE ROOTS GREATER THAN ONE INCH IN DIAMETER ARE DAMAGED OR EXPOSED, THEY SHALL BE CUT CLEANLY AND RECOVERED WITH SOIL WITHIN ONE HOUR OF DAMAGE OR EXPOSURE.
- PROTECTIVE BARRIERS SHALL REMAIN IN PLACE AND INTACT UNTIL SUCH TIME AS LANDSCAPE OPERATIONS BEGIN.
- LANDSCAPE PREPARATION IN THE PROTECTED AREA SHALL BE LIMITED TO SHALLOW DISCING OF THE AREA. DISCING SHALL BE LIMITED TO A DEPTH OF 4 INCHES.
- NO BUILDING MATERIALS, MACHINERY OR HARMFUL CHEMICALS SHALL BE PLACED WITHIN PROTECTIVE BARRIERS.
- THE AMERICAN NATIONAL STANDARDS INSTITUTE A-300 PART V: MANAGEMENT OF TREES AND SHRUBS DURING SITE PLANNING, SITE DEVELOPMENT, AND SITE CONSTRUCTION OR OTHER NATIONALLY RECOGNIZED ARBORICULTURAL STANDARDS SHALL BE USED AS GUIDELINES FOR TREE PROTECTION, PLANTING, PRUNING AND CARE DURING DEVELOPMENT AND CONSTRUCTION.



TYPE III SILT FENCE WRAPPING DETAIL

NTS

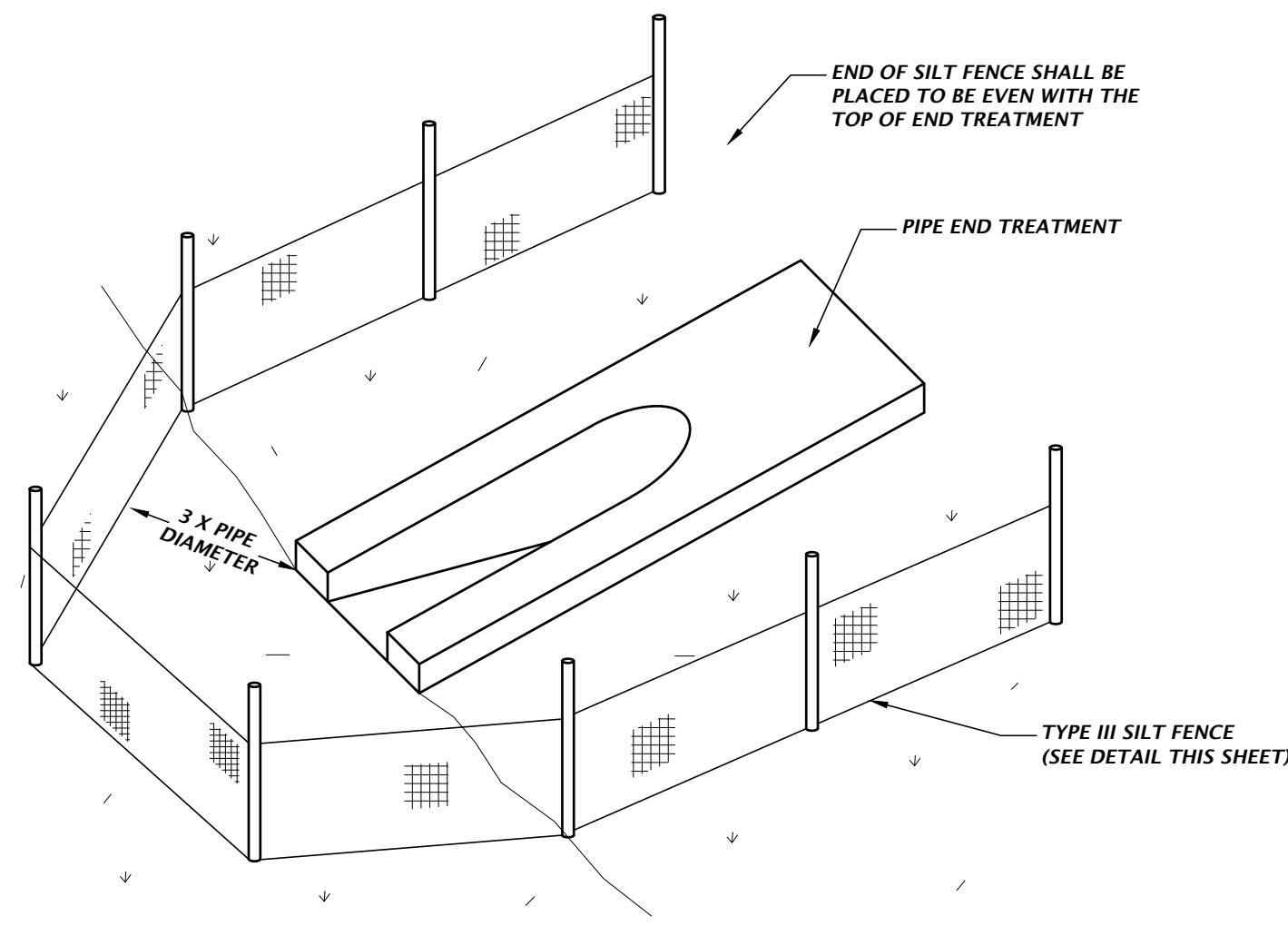


ELEVATION

SECTION

TYPE III SILT FENCE DETAIL

NTS



OUTFALL PROTECTION DETAIL

NTS

11801 Research Drive
Alachua, Florida 32615
(352) 331-1976
www.chw-inc.com
est. 1988 FLORIDA
CA-5075

CHW
Professional Consultants

SCALE
VERIFY SCALE
BASE IS ONE INCH ON
DRAWING EQUALS 1'
IF NOT ONE INCH ON
DRAWING, ALL DIMENSIONS
SHALL BE ACCORDINGLY
0

CONSTRUCTION NOTATIONS

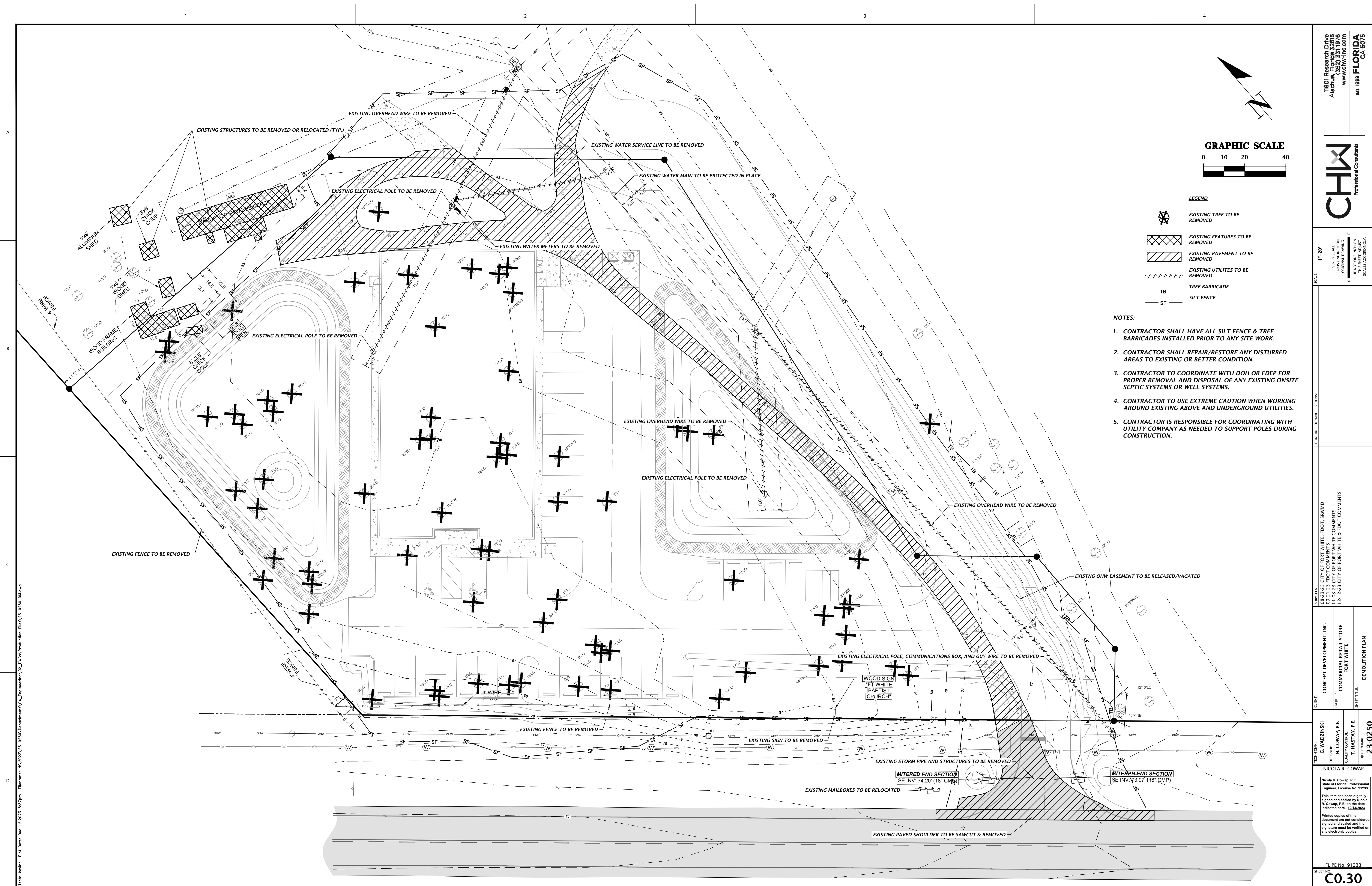
SUBMITTALS
08-23-23 CITY OF FORT WHITE, FDOT SRWID
11-03-23 CITY OF FORT WHITE COMMENTS
12-12-23 CITY OF FORT WHITE & FDOT COMMENTS

CLIENT
CONCEPT DEVELOPMENT, INC.
PROJECT
COMMERCIAL RETAIL STORE
FORT WHITE

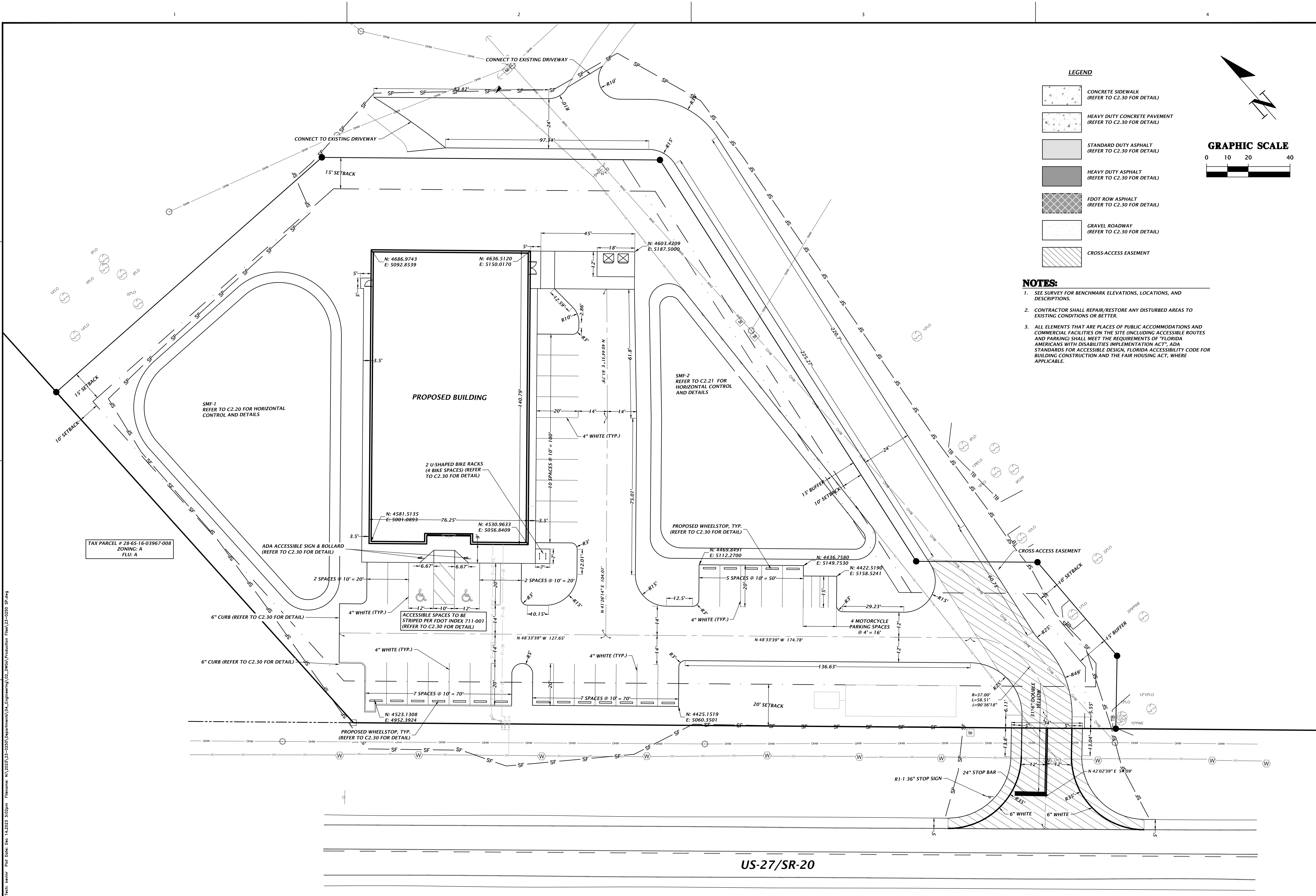
TECHNICIAN
G. WADZINSKI
DESIGNER
N. COWAP, P.E.
QUALITY CONTROL
T. HASTAY, P.E.
PROJECT NUMBER
23-0250

Nicola R. Cowap, P.E.
State of Florida, Professional
Engineer, License No. 91233
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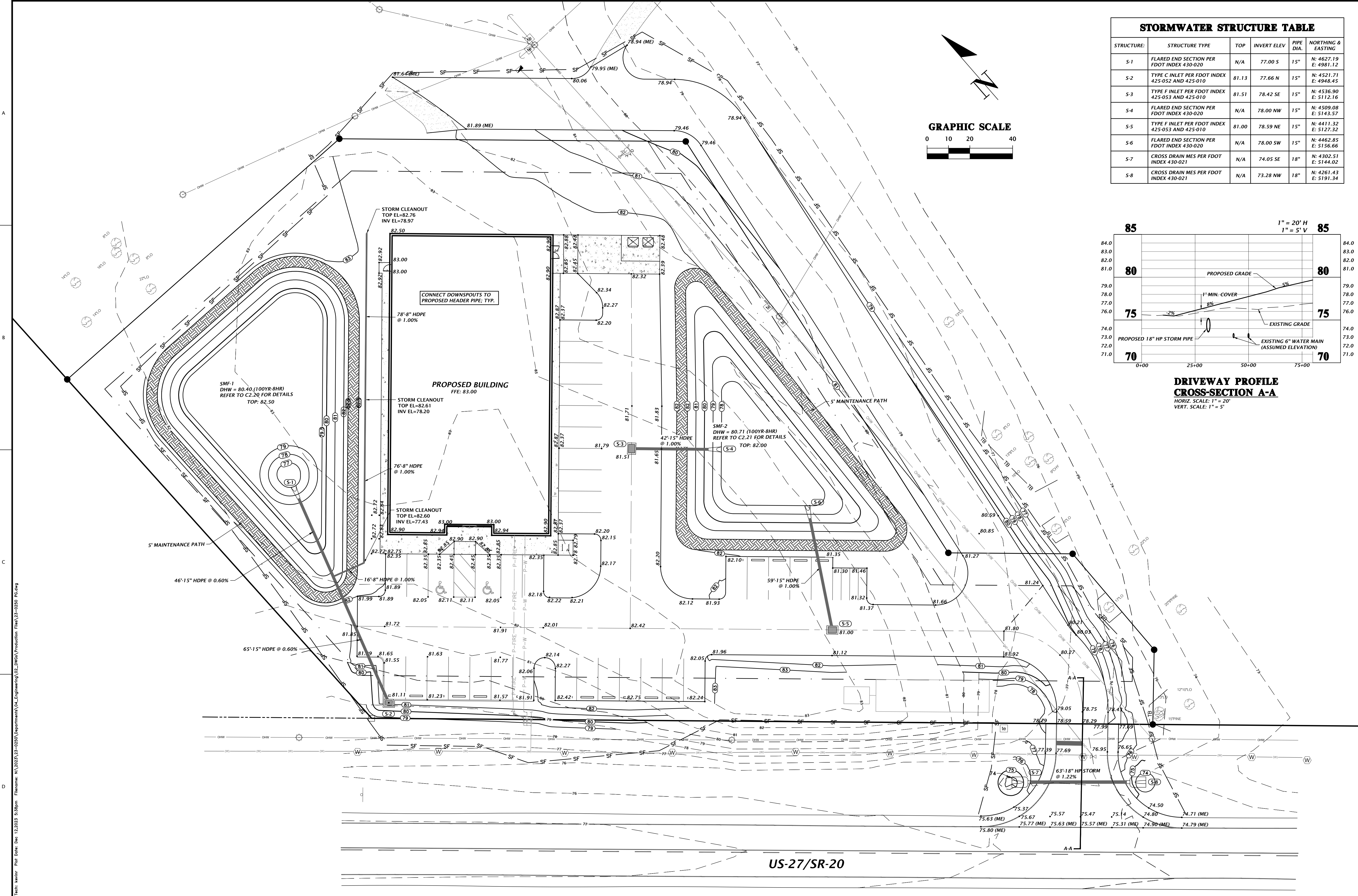
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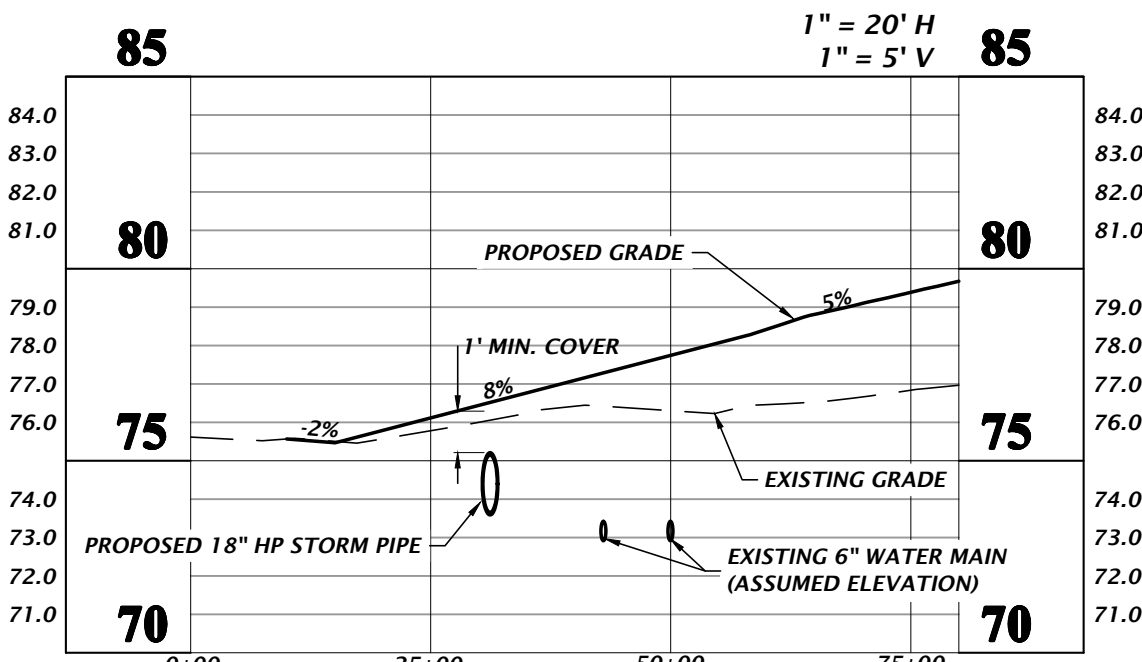
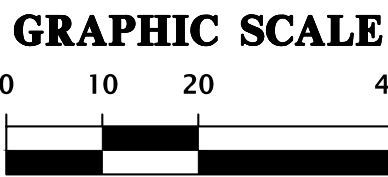
US-27/SR-20

11801 Research Drive Alachua, Florida 32615 (352) 331-1976 www.chw-inc.com est. 1988 FLORIDA CA-5075	
CHW Professional Consultants	
SCALE 1"=20' VERIFY SCALE BAR IS ONE INCH ON DRAWING IF NOT ONE INCH ON DRAWING, ALL DIMENSIONS SHALL BE ACCORDING TO SCALES INDICATED.	CONSTRUCTION DIVISIONS
SUBMITTALS 08-23-23 CITY OF FORT WHITE, FDOT, SRWD 11-03-23 CITY OF FORT WHITE COMMENTS 12-12-23 CITY OF FORT WHITE & FDOT COMMENTS	
CLIENT CONCEPT DEVELOPMENT, INC.	PROJECT COMMERCIAL RETAIL STORE FOR WHITE
TECHNICIAN G. WADZINSKI	DESIGNER N. COWAP, P.E.
QUALITY CONTROL T. HASTAY, P.E.	PROJECT NUMBER 23-0250
SHEET TITLE HORIZONTAL CONTROL AND SITE PLAN	
Nicola R. Cowap, P.E. State of Florida, Professional Engineer, License No. 91233 This item has been digitally signed and sealed by Nicola R. Cowap, P.E. on the date indicated here: 12/15/2023 Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.	
FL PE No. 91233 SHEET NO. C1.00	

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STORMWATER STRUCTURE TABLE					
STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
S-1	FLARED END SECTION PER FDOT INDEX 430-020	N/A	77.00 S	15"	N: 4627.19 E: 4981.12
S-2	TYPE C INLET PER FDOT INDEX 425-052 AND 425-010	81.13	77.66 N	15"	N: 4521.71 E: 4948.45
S-3	TYPE F INLET PER FDOT INDEX 425-053 AND 425-010	81.51	78.42 SE	15"	N: 4536.90 E: 5112.16
S-4	FLARED END SECTION PER FDOT INDEX 430-020	N/A	78.00 NW	15"	N: 4509.08 E: 5143.57
S-5	TYPE F INLET PER FDOT INDEX 425-053 AND 425-010	81.00	78.59 NE	15"	N: 4411.32 E: 5127.32
S-6	FLARED END SECTION PER FDOT INDEX 430-020	N/A	78.00 SW	15"	N: 4462.85 E: 5156.66
S-7	CROSS DRAIN MES PER FDOT INDEX 430-021	N/A	74.05 SE	18"	N: 4302.51 E: 5144.02
S-8	CROSS DRAIN MES PER FDOT INDEX 430-021	N/A	73.28 NW	18"	N: 4261.43 E: 5191.34



DRIVEWAY PROFILE
CROSS-SECTION A-A
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 5'

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CA-5075

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1" = 20'
VERIFY SCALE
BASE IS ONE INCH ON
HORIZONTAL DISTANCE
IF NOT ONE INCH ON
HORIZONTAL DISTANCE
SCALE IS ACCORDINGLY

CONSTRUCTION NOTATIONS

SUBMITTALS
08-23-23 CITY OF FORT WHITE, FDOT, SRWD
11-03-23 CITY OF FORT WHITE COMMENTS
12-12-23 CITY OF FORT WHITE & FDOT COMMENTS

CLIENT
CONCEPT DEVELOPMENT, INC.
PROJECT
COMMERCIAL RETAIL STORE
FORT WHITE
SHEET TITLE
GRADING AND DRAINAGE PLAN

TECHNICIAN
G. WADZINSKI
DESIGNER
N. COWAP, P.E.
QUALITY CONTROL
T. HASTAY, P.E.
PROJECT NUMBER
23-0250

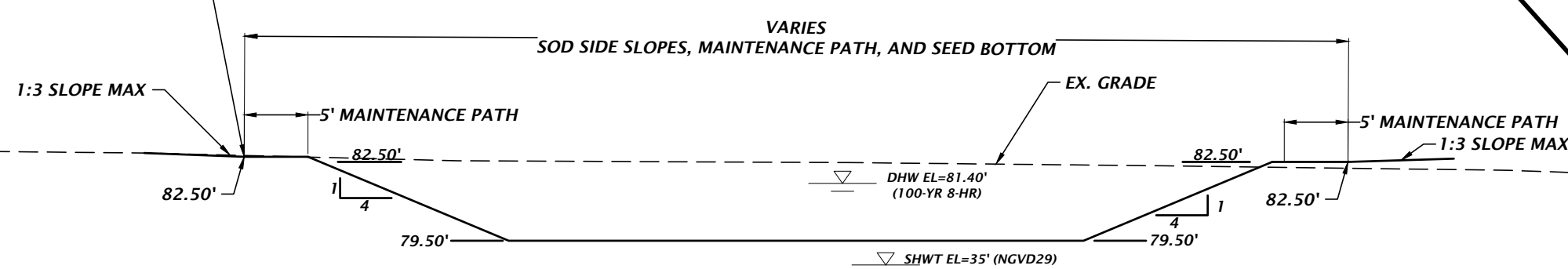
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State of Florida, Professional
Engineer, License No. 91233
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SHEET NO.
C2.00

Approved
2023-A-292-00034
Dan Morgan
3/6/2024

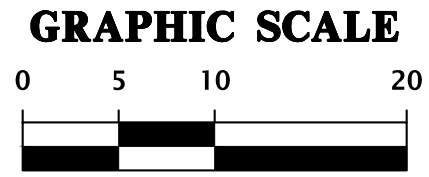
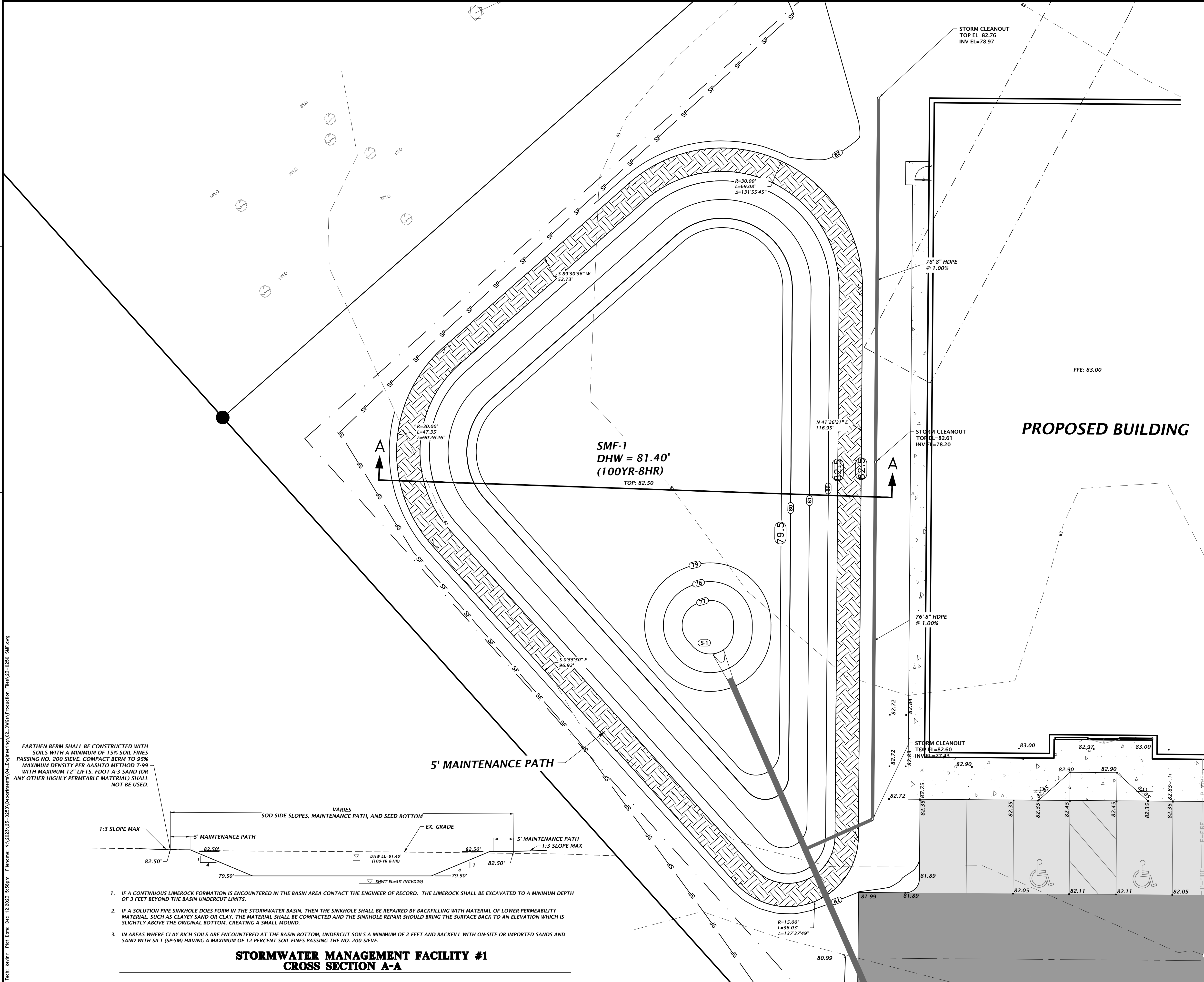
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EARTHEN BERM SHALL BE CONSTRUCTED WITH SOILS WITH A MINIMUM OF 15% SOIL FINES PASSING NO. 200 SIEVE. COMPACT BERM TO 95% MAXIMUM DENSITY PER AASHTO METHOD T-99 WITH MAXIMUM 12" LIFTS. FDOT A-3 SAND (OR ANY OTHER HIGHLY PERMEABLE MATERIAL) SHALL NOT BE USED.



- IF A CONTINUOUS LIMEROCK FORMATION IS ENCOUNTERED IN THE BASIN AREA CONTACT THE ENGINEER OF RECORD. THE LIMEROCK SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 3 FEET BEYOND THE BASIN UNDERCUT LIMITS.
- IF A SOLUTION PIPE SINKHOLE DOES FORM IN THE STORMWATER BASIN, THEN THE SINKHOLE SHALL BE REPAIRED BY BACKFILLING WITH MATERIAL OF LOWER PERMEABILITY MATERIAL, SUCH AS CLAYEY SAND OR CLAY. THE MATERIAL SHALL BE COMPACTED AND THE SINKHOLE REPAIR SHOULD BRING THE SURFACE BACK TO AN ELEVATION WHICH IS SLIGHTLY ABOVE THE ORIGINAL BOTTOM, CREATING A SMALL MOUND.
- IN AREAS WHERE CLAY RICH SOILS ARE ENCOUNTERED AT THE BASIN BOTTOM, UNDERCUT SOILS A MINIMUM OF 2 FEET AND BACKFILL WITH ON-SITE OR IMPORTED SANDS AND SAND WITH SILT (SP-SM) HAVING A MAXIMUM OF 12 PERCENT SOIL FINES PASSING THE NO. 200 SIEVE.

STORMWATER MANAGEMENT FACILITY #1 CROSS SECTION A-A



STORMWATER STRUCTURE TABLE					
STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
S-1	FLARED END SECTION PER FDOT INDEX 430-020	N/A	77.00 S	15"	N: 4627.19 E: 4981.12
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S-8	CROSS DRAIN MES PER FDOT INDEX 430-021	N/A	73.28 NW	18"	N: 4261.43 E: 5191.34

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SCALE
1"=10'
VERIFY SCALE
BASE IS ONE INCH ON
ORIGINAL DRAWING
IF NOT ONE INCH ON
ORIGINAL DRAWING
SIZES ACCORDINGLY

SUBMITTALS
08-23-23 CITY OF FORT WHITE, FDOT, SRWD
11-03-23 CITY OF FORT WHITE COMMENTS
12-12-23 CITY OF FORT WHITE & FDOT COMMENTS

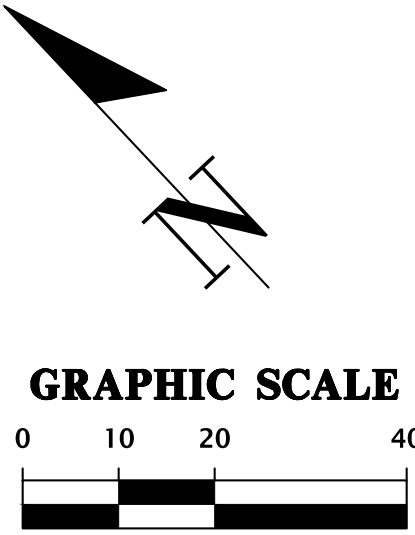
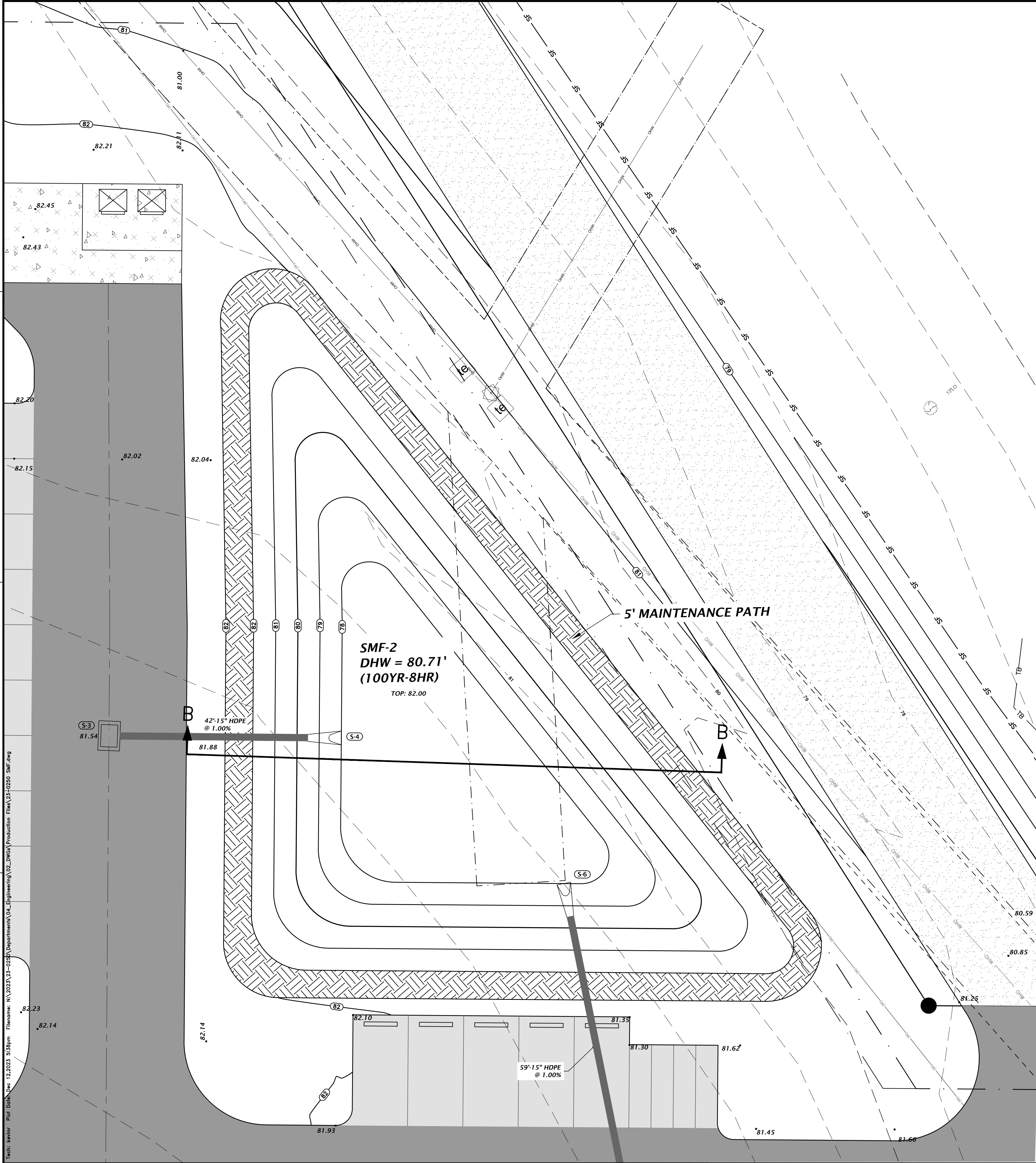
CLIENT
CONCEPT DEVELOPMENT, INC.
PROJECT
COMMERCIAL RETAIL STORE
FOR FORT WHITE
SHEET TITLE
STORMWATER MANAGEMENT
FACILITY PLAN AND DETAILS

TECHNICIAN
G. WADZINSKI
DESIGNER
N. COWAP, P.E.
QUALITY CONTROL
T. HASTAY, P.E.
PROJECT NUMBER
23-0250

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State of Florida, Professional
Engineer, License No. 91233
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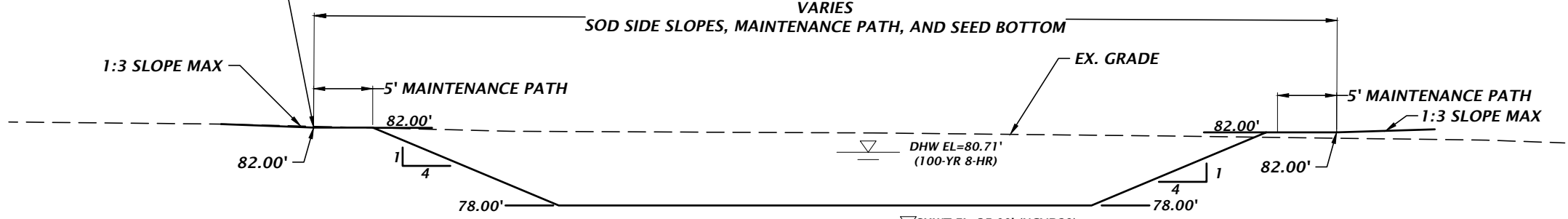
FL PE No. 91233
SHEET NO.
C2.20

Approved
2023-A-292-00034
Dan Morgan
3/6/2024



STORMWATER STRUCTURE TABLE						
STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING	
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S-8	CROSS DRAIN MES PER FDOT INDEX 430-021	N/A	73.28 NW	18"	N: 4261.43 E: 5191.34	

EARTHEN BERM SHALL BE CONSTRUCTED WITH SOILS WITH A MINIMUM OF 15% SOIL FINES PASSING NO. 200 SIEVE. COMPACT BERM TO 95% MAXIMUM DENSITY PER AASHTO METHOD T-99 WITH MAXIMUM 12" LIFTS. FDOT A-3 SAND (OR ANY OTHER HIGHLY PERMEABLE MATERIAL) SHALL NOT BE USED.



- IF A CONTINUOUS LIMESTONE FORMATION IS ENCOUNTERED IN THE BASIN AREA CONTACT THE ENGINEER OF RECORD. THE LIMESTONE SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 3 FEET BEYOND THE BASIN UNDERCUT LIMITS.
- IF A SOLUTION PIPE SINKHOLE DOES FORM IN THE STORMWATER BASIN, THEN THE SINKHOLE SHALL BE REPAIRED BY BACKFILLING WITH MATERIAL OF LOWER PERMEABILITY MATERIAL, SUCH AS CLAYEY SAND OR CLAY. THE MATERIAL SHALL BE COMPACTED AND THE SINKHOLE REPAIR SHOULD BRING THE SURFACE BACK TO AN ELEVATION WHICH IS SLIGHTLY ABOVE THE ORIGINAL BOTTOM, CREATING A SMALL MOUND.
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STORMWATER MANAGEMENT FACILITY #2 CROSS SECTION B-B

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Alachua, Florida 32615
(352) 331-1976
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1"=20'

VERIFY SCALE
BARS ARE ONE INCH ON
DRAWING
IF NOT ONE INCH ON
DRAWING, ALL DIMENSIONS
SHALL BE ACCORDING TO
SCALE

08-23-23 CITY OF FORT WHITE, FDOT SRWD
11-03-23 CITY OF FORT WHITE COMMENTS
12-12-23 CITY OF FORT WHITE & FDOT COMMENTS

CONCEPT DEVELOPMENT, INC.
COMMERCIAL RETAIL STORE
FORT WHITE

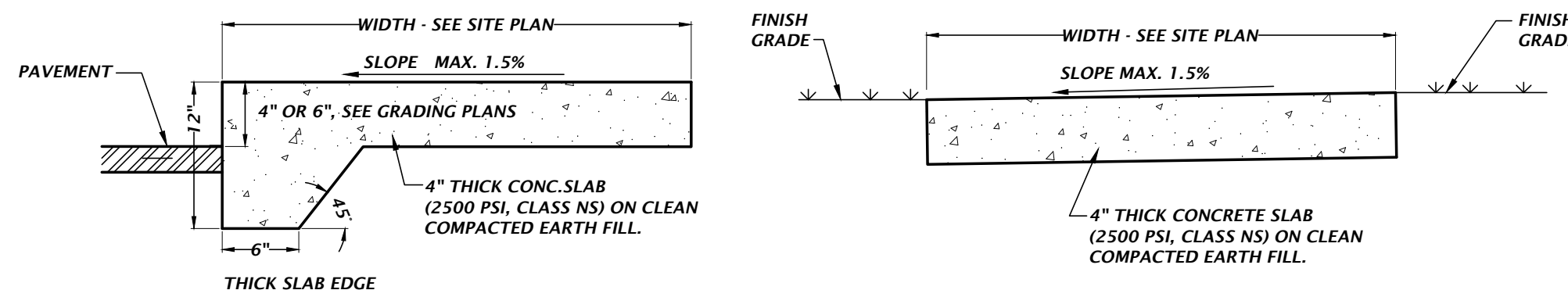
STORMWATER MANAGEMENT
FACILITY PLAN AND DETAILS

TECHNICIAN: G. WADZINSKI
DESIGNER: N. COWAP, P.E.
QUALITY CONTROL: T. HASTAY, P.E.
PROJECT NUMBER: 23-0250

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State of Florida, Professional
Engineer, License No. 91233
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SHEET NO. **C2.21**

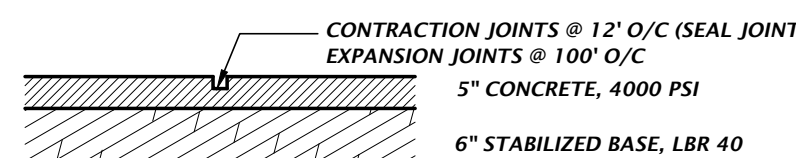
Approved
2023-A-292-00034
Dan Morgan
3/6/2024



- NOTES:
1. SAWCUT CONTROL JOINTS SHALL BE CONSTRUCTED 5 FEET ON CENTER
 2. EXPANSION JOINTS WITH PREFORMED JOINT FILLER SHALL BE CONSTRUCTED BETWEEN ALL FIXED OBJECTS AND WALK AND AT CONSTRUCTION JOINTS.

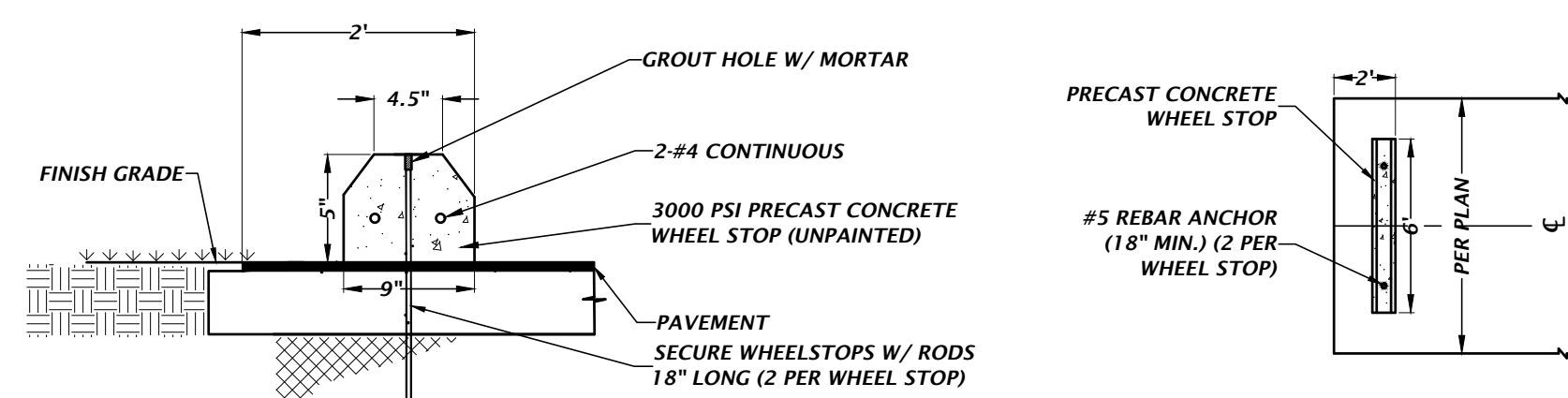
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CONCRETE SIDEWALK DETAILS

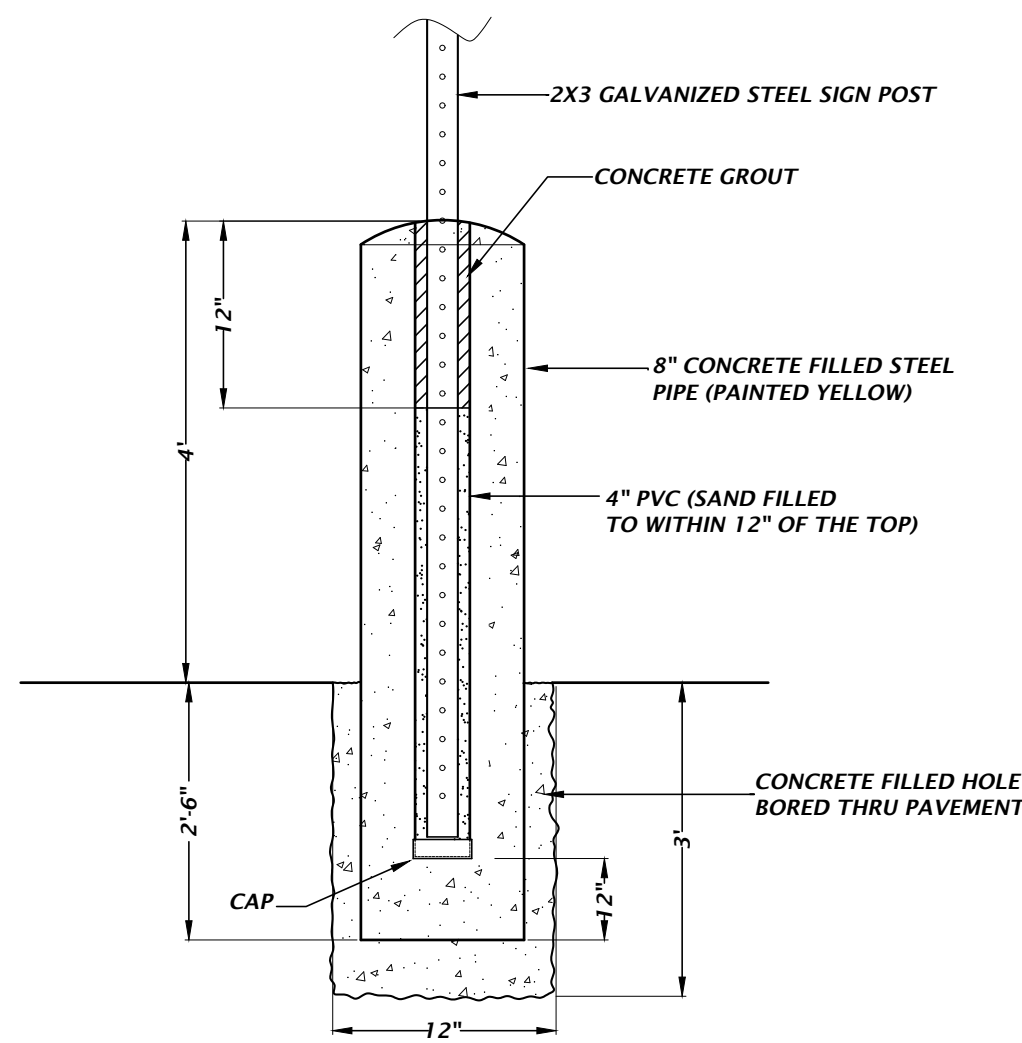


NOTE: CONCRETE PAVEMENT & JOINTS SHALL BE CONSTRUCTED TO FC & PA STANDARDS.

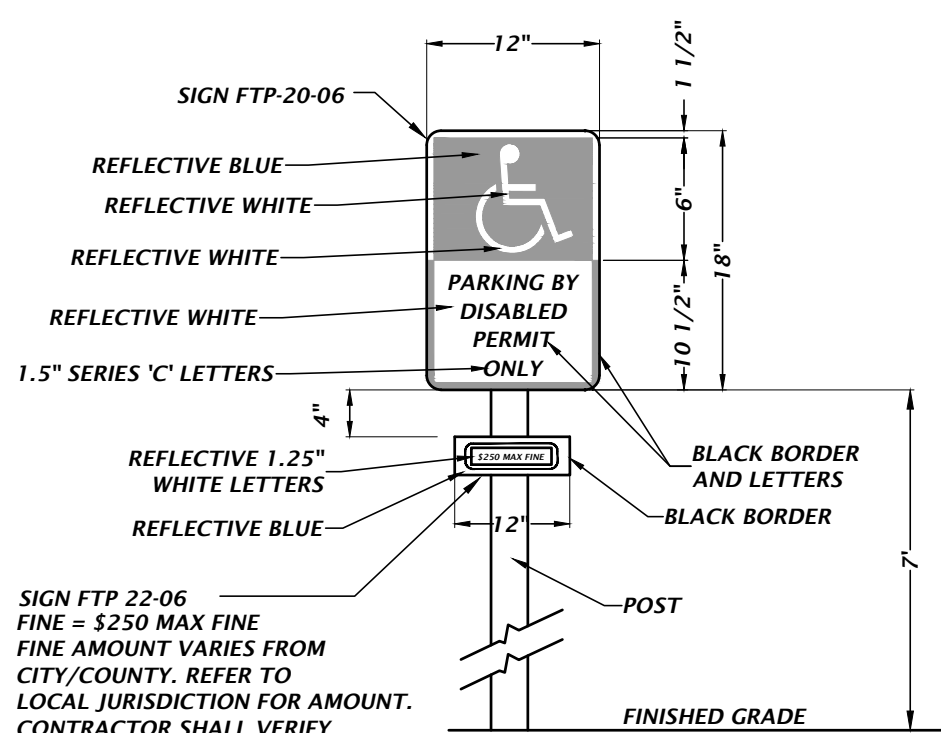
HEAVY DUTY CONCRETE DETAIL



WHEEL STOP DETAIL



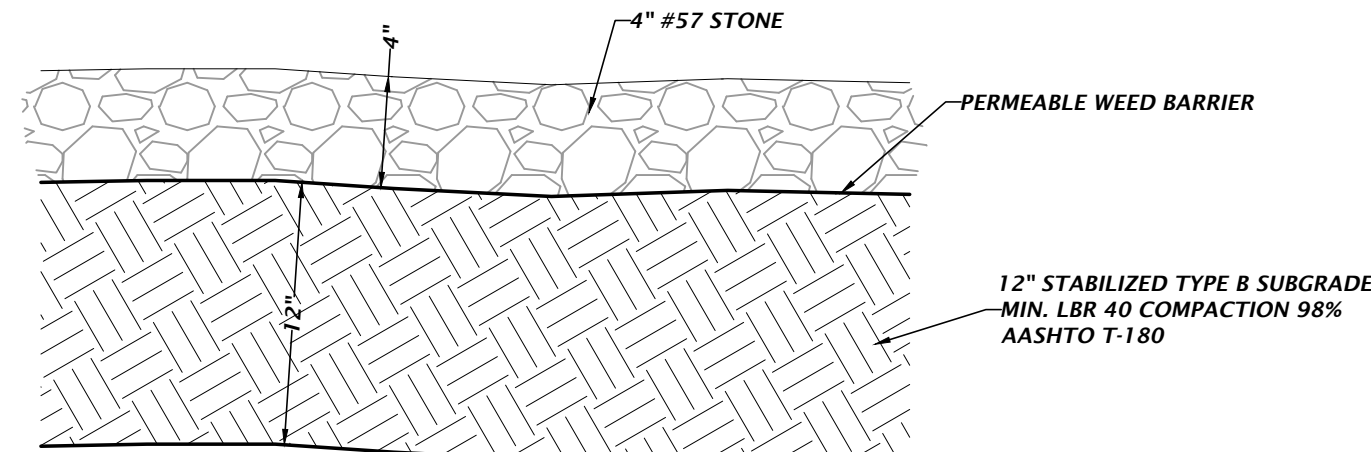
BOLLARD & ACCESSIBLE SIGN DETAIL



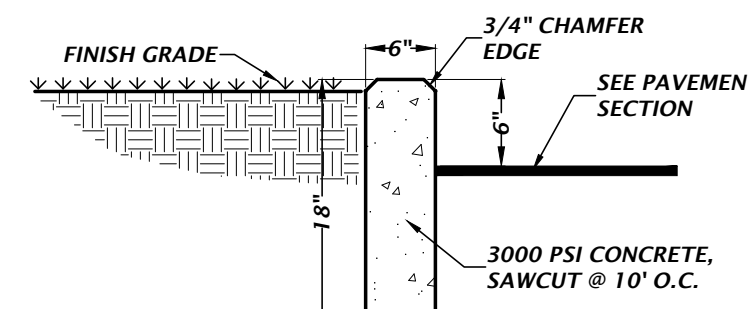
SIGN NOTES:

1. SIGN CONSTRUCTION, DESIGN AND PLACEMENT SHALL COMPLY WITH STATE AND LOCAL STATUTES.

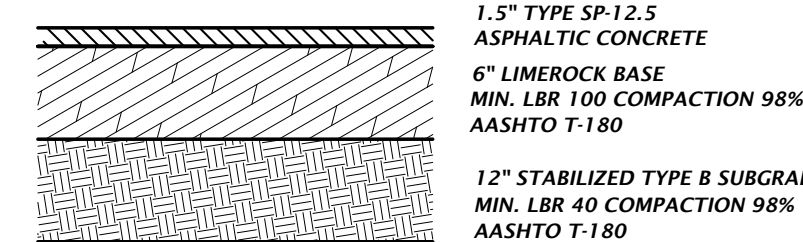
ACCESSIBLE PARKING SIGN DETAIL



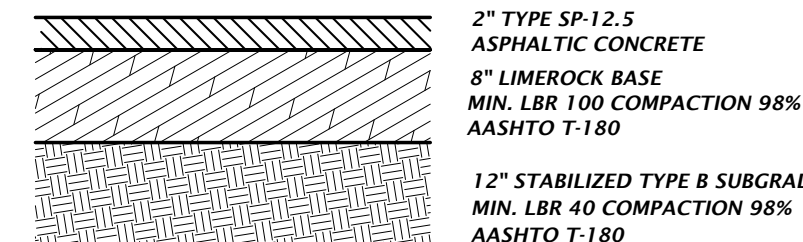
GRAVEL ROADWAY DETAIL



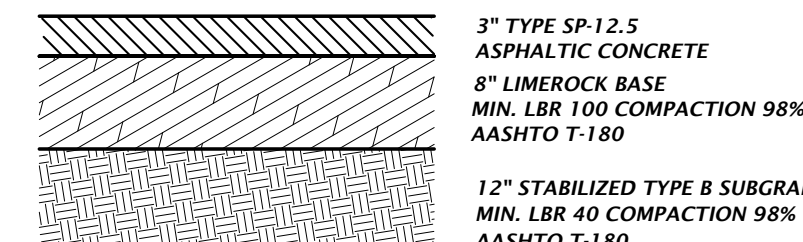
TYPICAL 6" CURB DETAIL



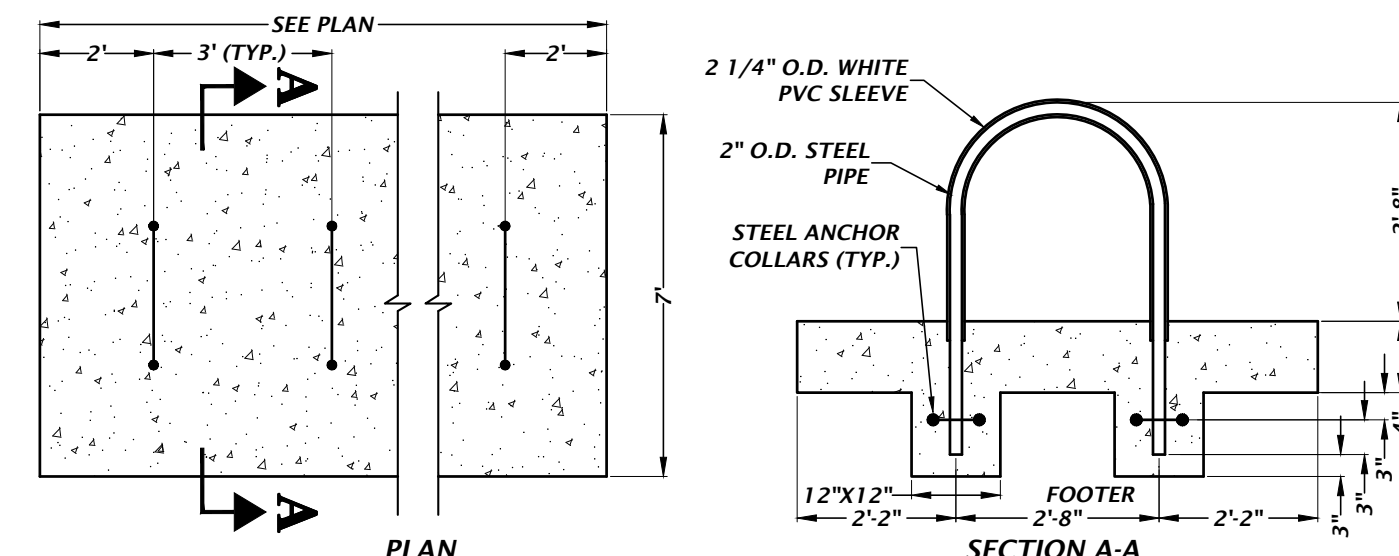
STANDARD DUTY ASPHALT DETAIL



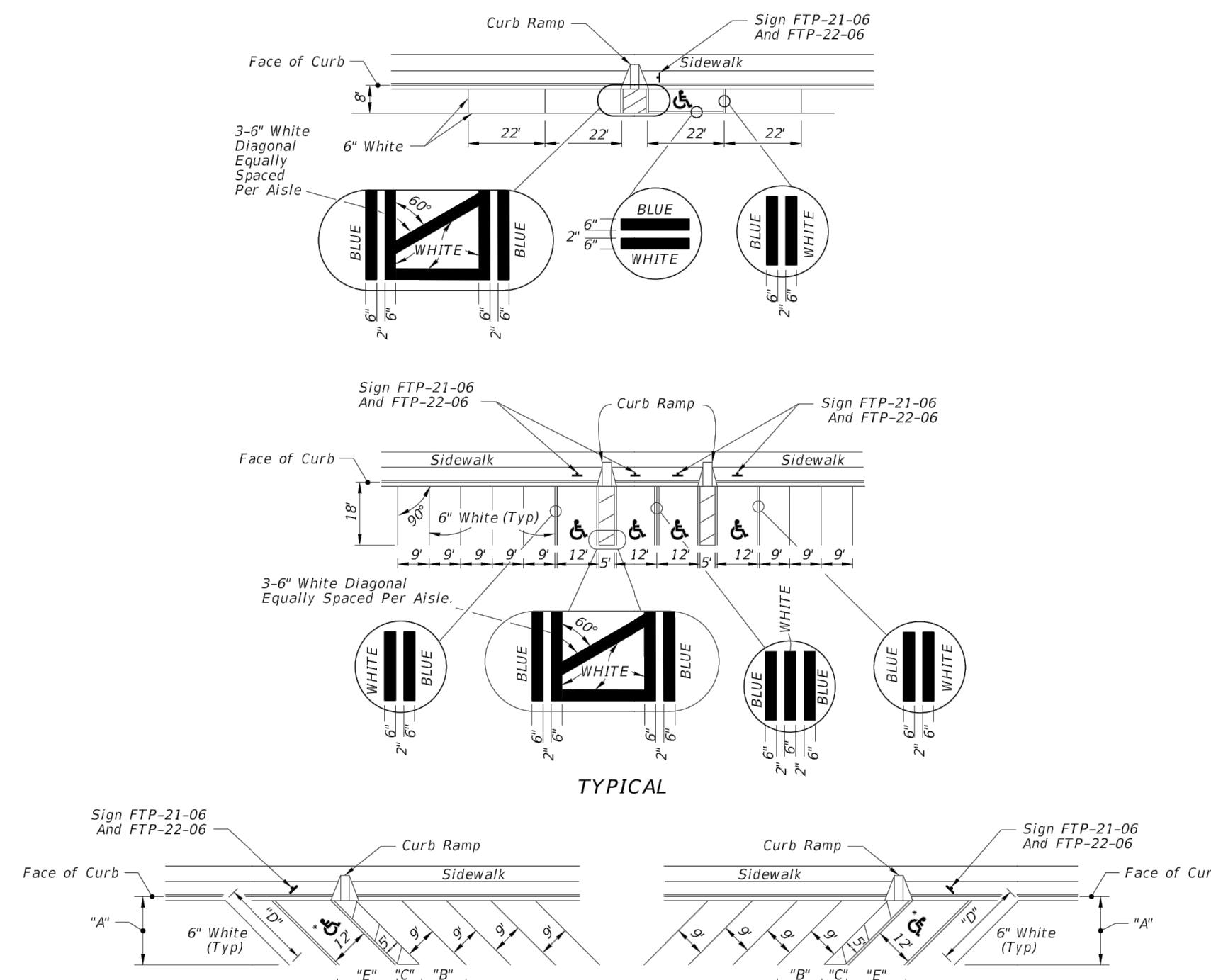
HEAVY DUTY ASPHALT DETAIL



FDOT ROW ASPHALT DETAIL



U-SHAPE BIKE RACK



*FOR ACCESSIBLE MARKINGS - SEE ABOVE

DIMENSIONS				
4'-8"	"A"	"B"	"C"	"D"
4'-5"	17'-0"	12'-9"	7'-0"	24'-0"

NOTES:

1. Dimensions are to the centerline of markings.
2. An Access Aisle is required for each accessible space when angle parking is used.
3. Criteria for pavement markings only, not public sidewalk curb ramp locations. For ramp locations refer to plans.
4. Mount FTP-22-06 sign below the FTP-21-06 sign.
5. Use of the pavement symbol in accessible parking spaces is optional. When pavement symbol is used, the symbol is either 3'-0" or 5'-0" high and white in color.

UNIVERSAL SYMBOL OF ACCESSIBILITY

LAST REVISION	DESCRIPTION	FDOT	FY 2023-24 STANDARD PLANS	INDEX	SHEET
11/01/21				711-001	11 of 13

11801 Research Drive
Alachua, Florida 32615
(352) 331-1976
www.chw-inc.com
est. 1988 FLORIDA
CA-5075

CHW
Professional Consultants

N/A
VERIFY SCALE
BARS ARE ONE INCH ON
DRAWING, UNLESS NOTED
OTHERWISE.
IF NOT ONE INCH ON
DRAWING, SCALE ACCORDINGLY.

CONSTRUCTION AND REVISIONS

SUBMITTALS
08-23-23 CITY OF FORT WHITE, FDOT, SRWD
11-03-23 CITY OF FORT WHITE COMMENTS
12-12-23 CITY OF FORT WHITE & FDOT COMMENTS

CLIENT
CONCEPT DEVELOPMENT, INC.
PROJECT
COMMERCIAL RETAIL STORE
FORT WHITE
SHEET TITLE
CONSTRUCTION DETAILS

TECHNICIAN
G. WADZINSKI
DESIGNER
N. COWAP, P.E.
QUALITY CONTROL
T. HASTAY, P.E.
PROJECT NUMBER
23-0250

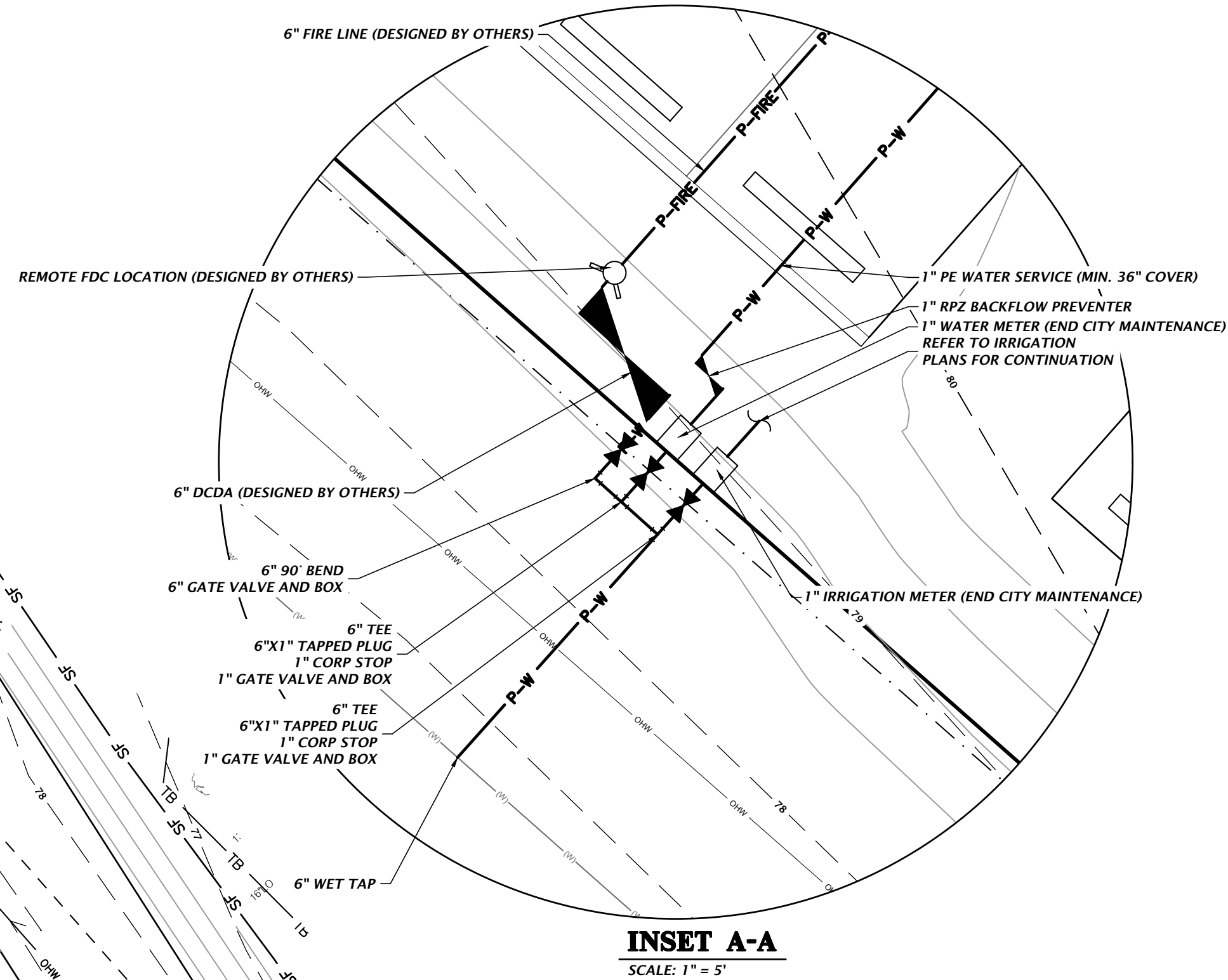
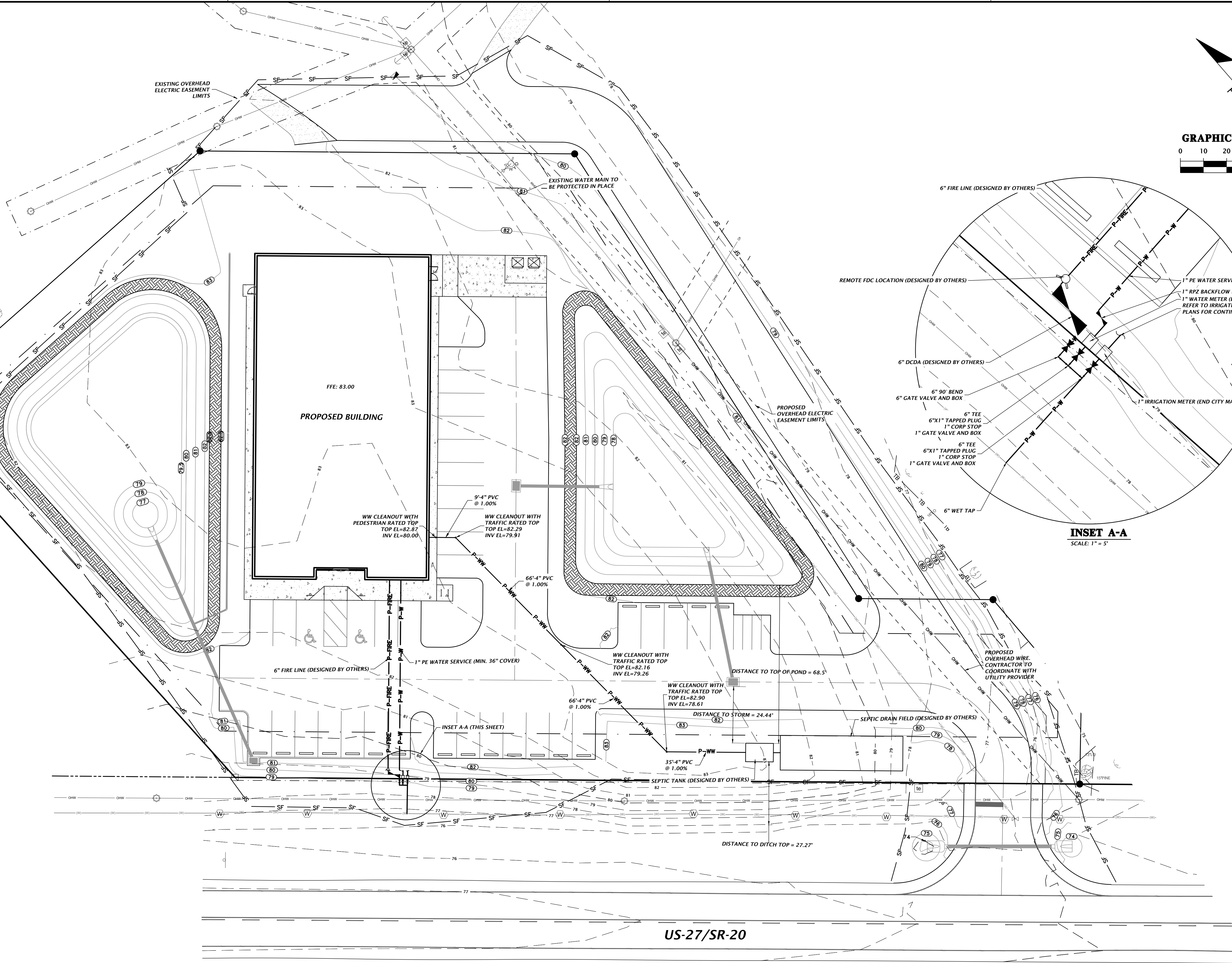
Nicola R. Cowap, P.E.
State of Florida, Professional
Engineer, License No. 91233
This item has been digitally
signed and sealed by Nicola
R. Cowap, P.E. on the date
indicated here: 12/15/2023
Printed copies of this
document are not considered
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signature must be verified on
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FL PE No. 91233
SHEET NO.
C2.30

Approved
2023-A-292-00034
Dan Morgan
3/6/2024





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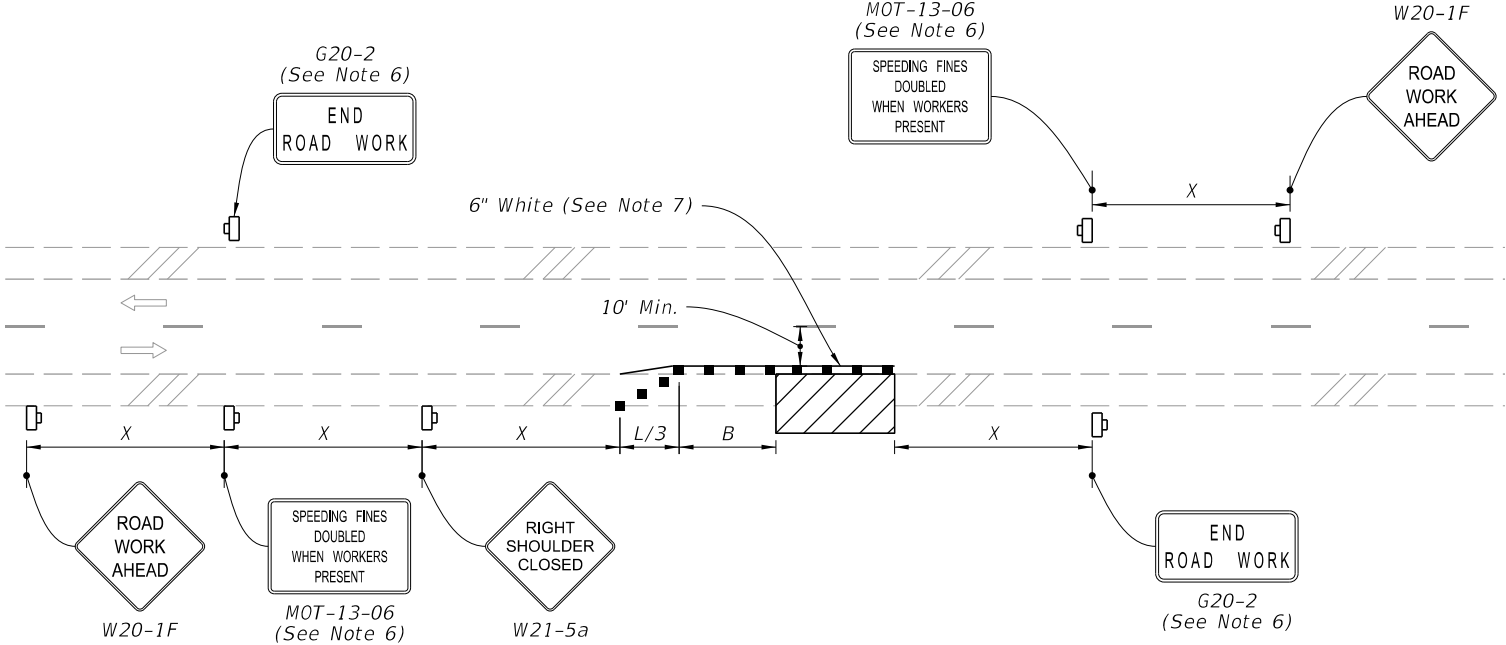
A
B
C
D



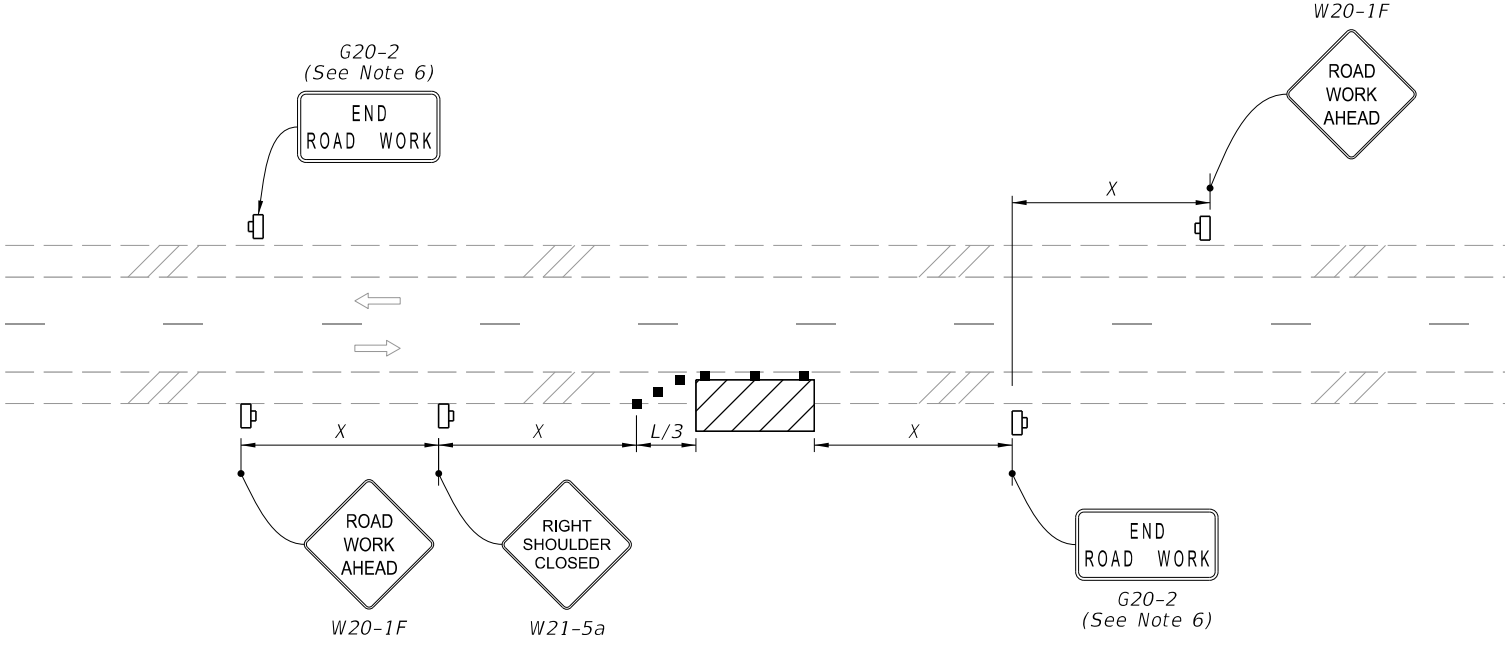
11801 Research Drive Alachua, Florida 32615 (352) 331-1976 www.chw-inc.com est. 1988 FLORIDA CA-5075	
CHW Professional Consultants	
SCALE 1"=20' VERIFY SCALE BARS ARE ONE INCH ON DRAWING IF NOT ONE INCH ON DRAWING, VERIFY SIZES ACCORDINGLY	
SUBMITTALS 08-23-23 CITY OF FORT WHITE, FDOT, SRWD 11-03-23 CITY OF FORT WHITE COMMENTS 12-12-23 CITY OF FORT WHITE & FDOT COMMENTS	
CLIENT CONCEPT DEVELOPMENT, INC.	PROJECT COMMERCIAL RETAIL STORE FORT WHITE
TECHNICIAN G. WADZINSKI	DESIGNER N. COWAP, P.E.
QUALITY CONTROL T. HASTAY, P.E.	PROJECT NUMBER 23-0250
NICOLA R. COWAP Nicola R. Cowap, P.E. State of Florida, Professional Engineer, License No. 91233 This item has been digitally signed and sealed by Nicola R. Cowap, P.E. on the date indicated here: 12/15/2023 Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.	
FL PE No. 91233 SHEET NO. C3.00	

- NOTE:**
1. This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work on the shoulder.
 2. L = Taper Length
 X = Work Zone Sign Spacing
 B = Buffer Length
See Index 102-600 for "L", "X", "B", and channelizing device spacing values.
 3. Where work activities are between 2' and 15' from the edge of traveled way, the Engineer may omit signs and channelizing devices for work operations 60 minutes or less.
 4. When four or more work vehicles enter the through traffic lanes in a one hour period (excluding establishing and terminating the work area), use a flagger or lane closure to accommodate work vehicle ingress and egress.
 5. For work less than 2' from the traveled way and work zone speed is greater than 45 MPH, use a lane closure.
 6. The "Speeding Fines Doubled When Workers Present" signs (M0T-13-06) and "End Road Work" Signs (G20-2) along with the associated work zone sign spacing distances may be omitted when the work operation is in place for 24 hours or less.
 7. Temporary pavement markings may be omitted when the work operation is in place for 3 days or less.
 8. Omit "Shoulder Closed" signs (W21-5a) along with associated work zone sign spacing distances for work on the median.
 9. When there is no paved shoulder, the "Worker" sign (W21-1) may be used instead of the "Shoulder Closed" sign (W21-5a).

- SYMBOLS:**
-  Work Area
 -  Channelizing Device (See Index 102-600)
 -  Work Zone Sign
 -  Lane Identification and Direction of Traffic



TWO-LANE ROADWAY
SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY
WITH WORK ZONE SPEED OF 45 MPH OR LESS



TWO-LANE ROADWAY
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY

2/2/2023 10:33:35 AM

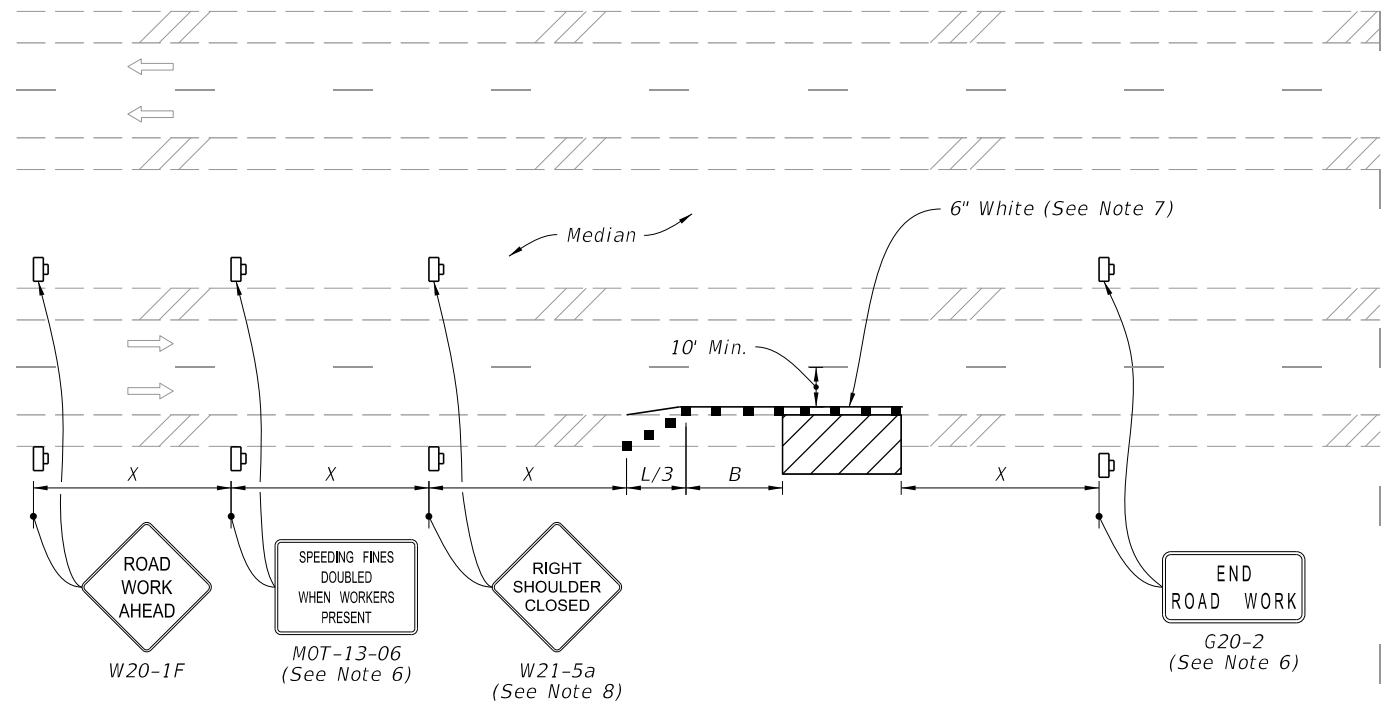


FY 2023-24
STANDARD PLANS

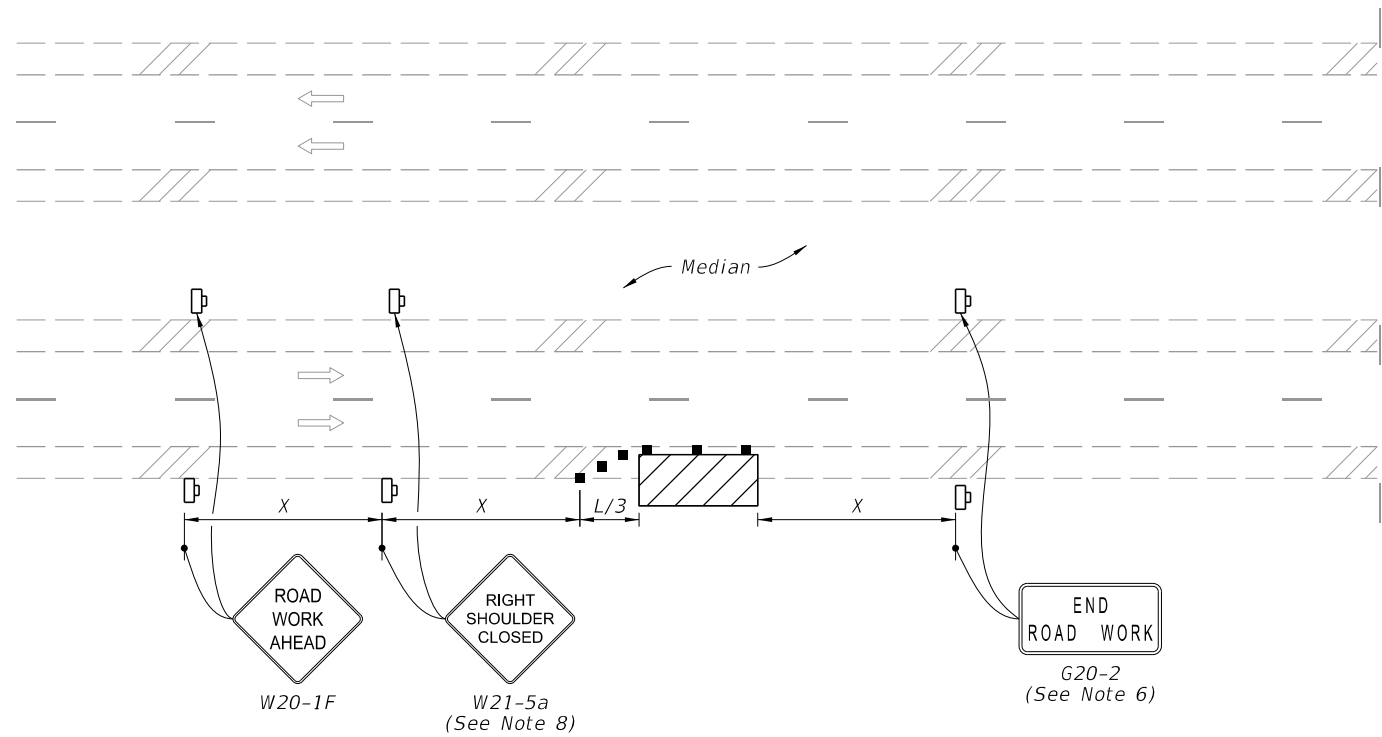
TWO-LANE AND MULTILANE, WORK ON SHOULDER

Approved
2023-A-292-00034
Dan Morgan
3/6/2024
INDEX
102-602
SHEET
1 of 2

2/2/2023 10:33:38 AM







MULTILANE ROADWAY
SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY
WITH WORK ZONE SPEED OF 45 MPH OR LESS



MULTILANE ROADWAY
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY

SYMBOLS:

-  Work Area
-  Channelizing Device (See Index 102-600)
-  Work Zone Sign
-  Lane Identification and Direction of Traffic

LAST
REVISION
11/01/20

REVISION

DESCRIPTION:



FY 2023-24
STANDARD PLANS

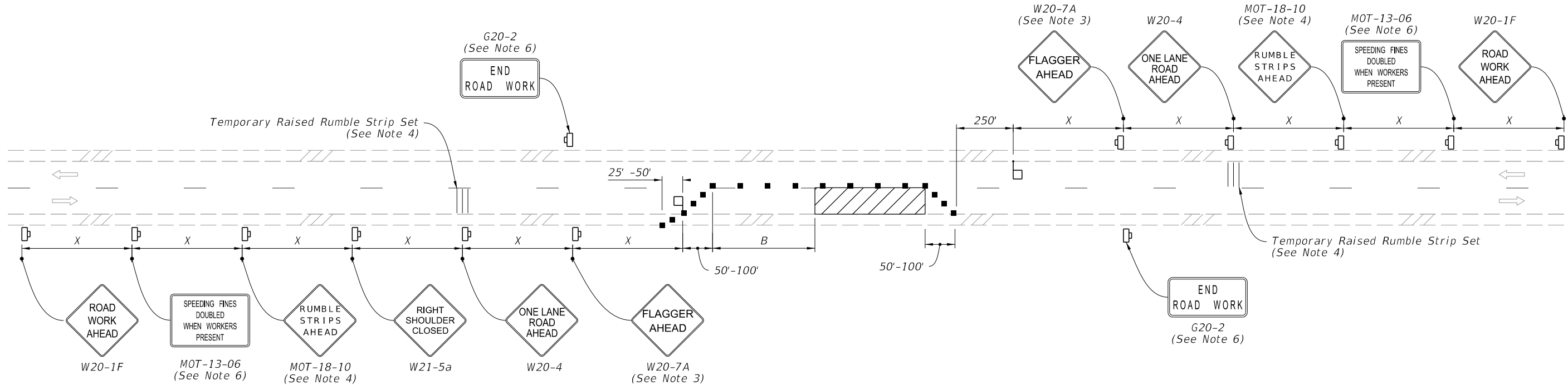
TWO-LANE AND MULTILANE, WORK ON SHOULDER

INDEX
102-602

SHEET
2 of 2

Approved
2023-A-292-00034
Dan Morgan
3/6/2024

10/6/2022 1:24:30 PM



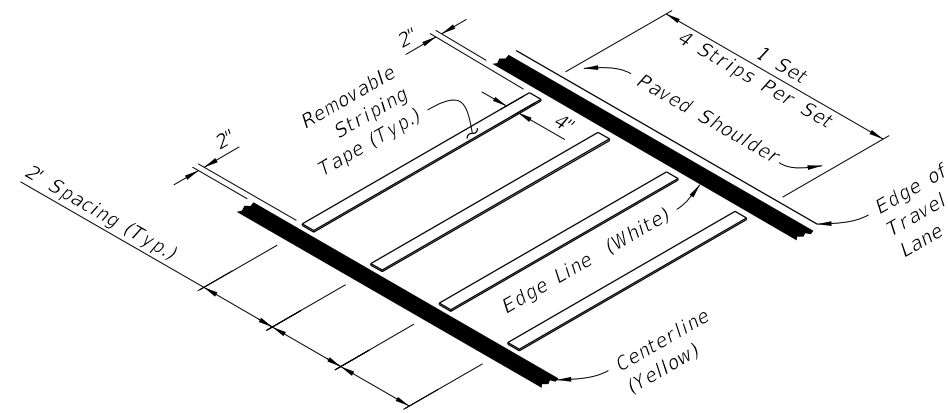
NOTES:

1. This Index applies to Two-Lane, Two-Way Roadways with work within the traveled way.
2. L = Taper Length
B = Buffer Length
X = Work Zone Sign Spacing
See Index 102-600 for "L", "B", "X" and channelizing device spacing values.
3. Optionally, use "Flagger Ahead" sign with symbol (W20-7) instead of "Flagger Ahead" sign with text (W20-7A).
4. Use temporary raised rumble strips when the existing posted speed is 55 mph or greater and the work duration is greater than 60 minutes. If temporary raised rumble strips are not used, omit "Rumble Strips Ahead" signs (MOT-18-10) and associated work zone sign spacing.
5. Additional one-way control may be provided by the following means:
 - a. Flag-carrying vehicle
 - b. Official vehicle
 - c. Pilot vehicles
 - d. Traffic signals
6. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" signs (G20-2), along with associated work zone sign spacing, may be omitted when the work operation will be in place for 24 hours or less.
7. Automated Flagger Assistance Devices (AFADs) may be used in accordance with Specification Sections 102, 990 and the APL vendor drawings.
8. Railroad Crossings:
 - a. If an active railroad crossing is located closer to the Work Area than the queue length plus 300 feet, extend the Buffer Space as shown on Sheet 2.
 - b. If the queuing of vehicles across an active railroad crossing cannot be avoided, provide a uniformed traffic control officer or flagger at the highway-rail grade crossing to prevent vehicles from stopping within the highway-rail grade crossing, even if automatic train warning devices are in place.

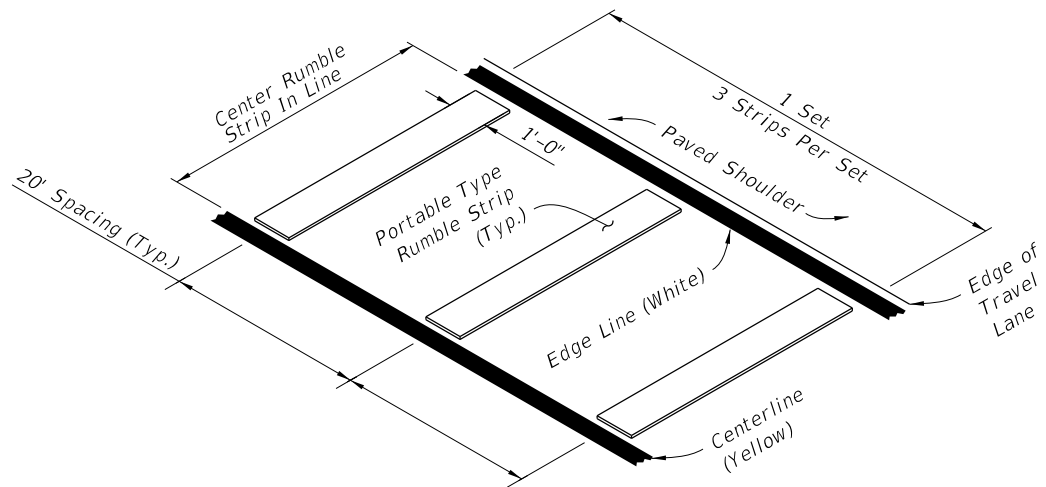
When flaggers are the sole means of one-way control, the flaggers must be in sight of each other or in direct communication at all times.

SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Flagger
- Lane Identification and Direction of Traffic



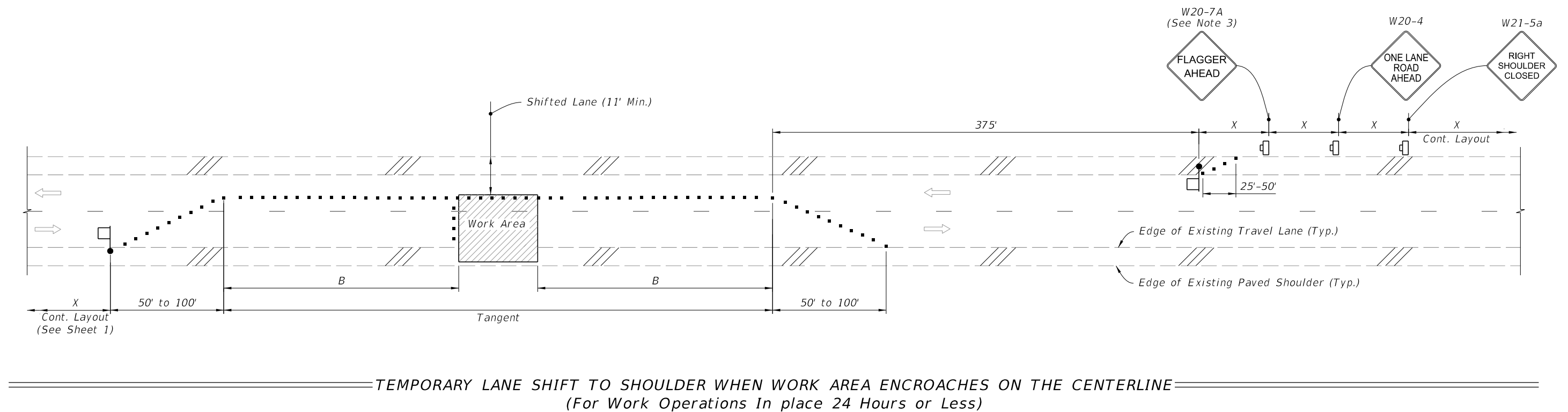
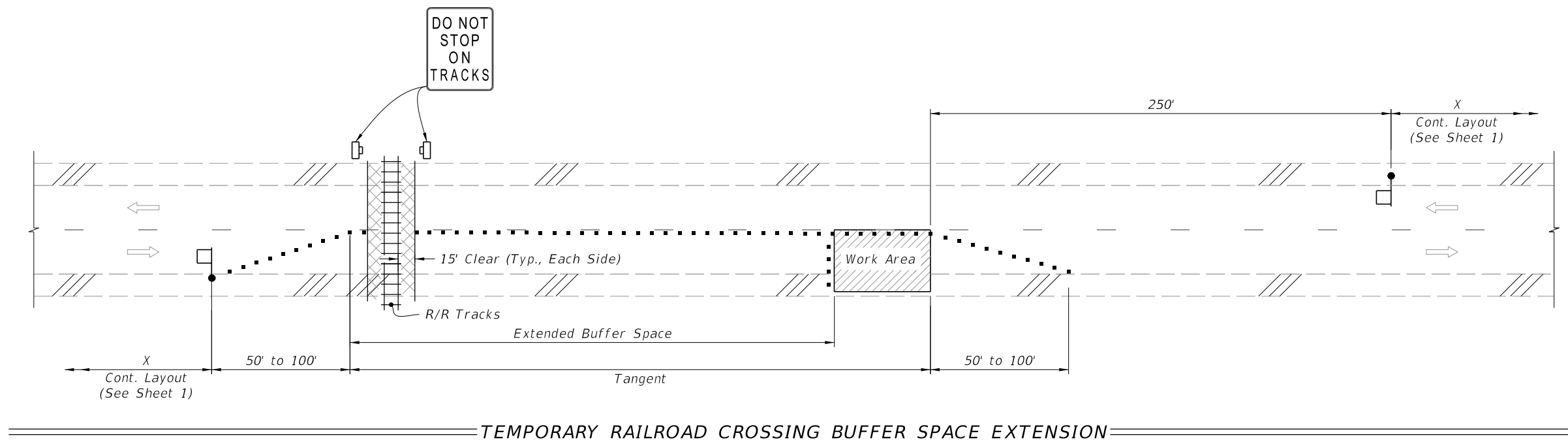
**OPTION - 1
REMOVABLE STRIPING TYPE**



**OPTION - 2
PORTABLE TYPE**

RUMBLE STRIP SETS

Approved
2023-A-292-00034
Dan Morgan
3/6/2024



SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Flagger
- Lane Identification and Direction of Traffic



FY 2023-24
STANDARD PLANS

TWO-LANE, TWO-WAY
WORK WITHIN THE TRAVEL WAY

INDEX
102-603

SHEET
2 of 2

Approved
SPECIAL CONDITIONS
3/6/2024