

SITE AND DEVELOPMENT PLANS
FOR:
RADIANT CREDIT UNION
LAKE CITY, FLORIDA

SECTION 31, TOWNSHIP 3 SOUTH, RANGE 11 EAST

SUBMITTED TO:
CITY OF LAKE CITY
SUWANNEE RIVER WATER MANAGEMENT DISTRICT
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FLORIDA DEPARTMENT OF TRANSPORTATION

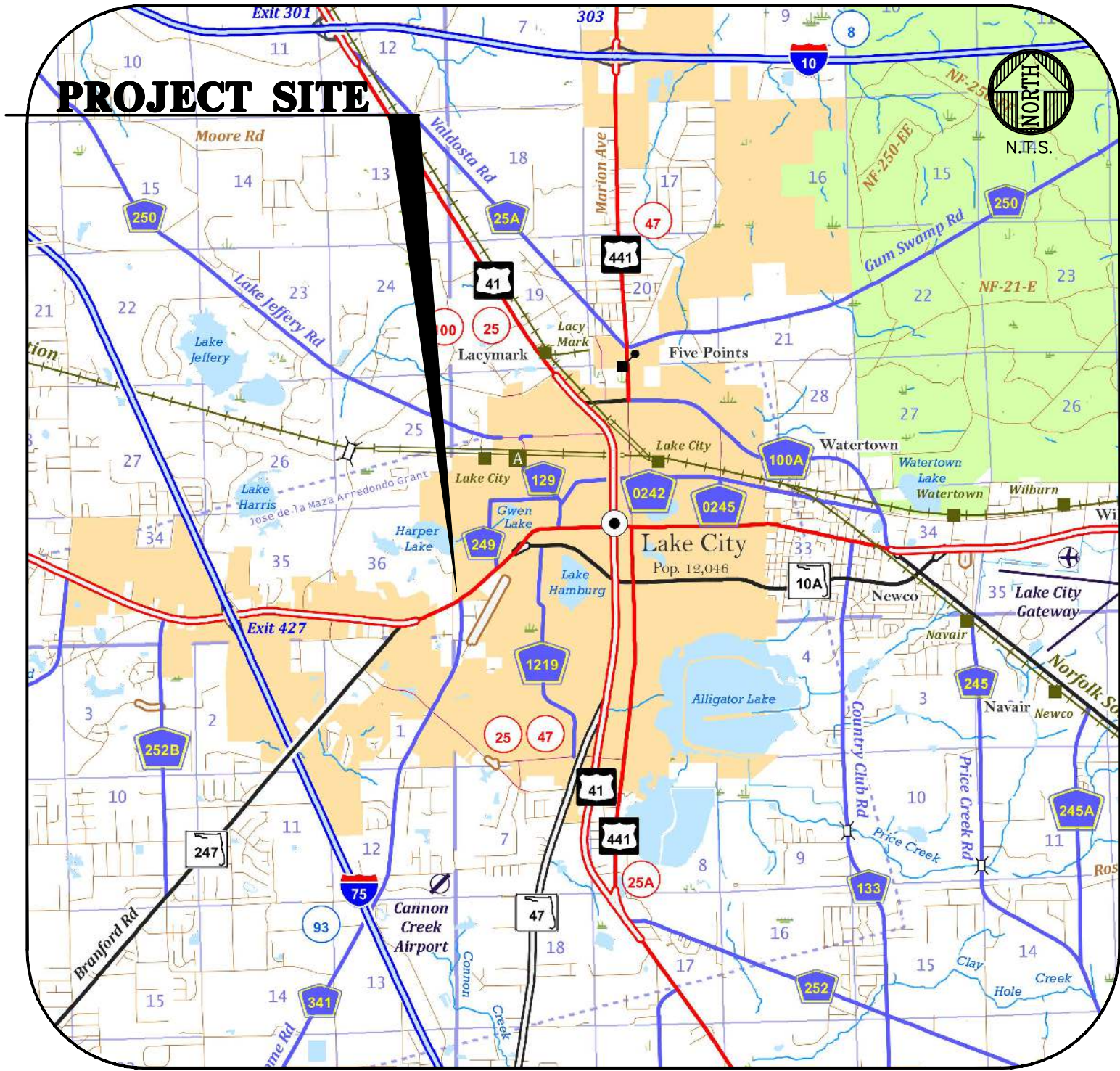
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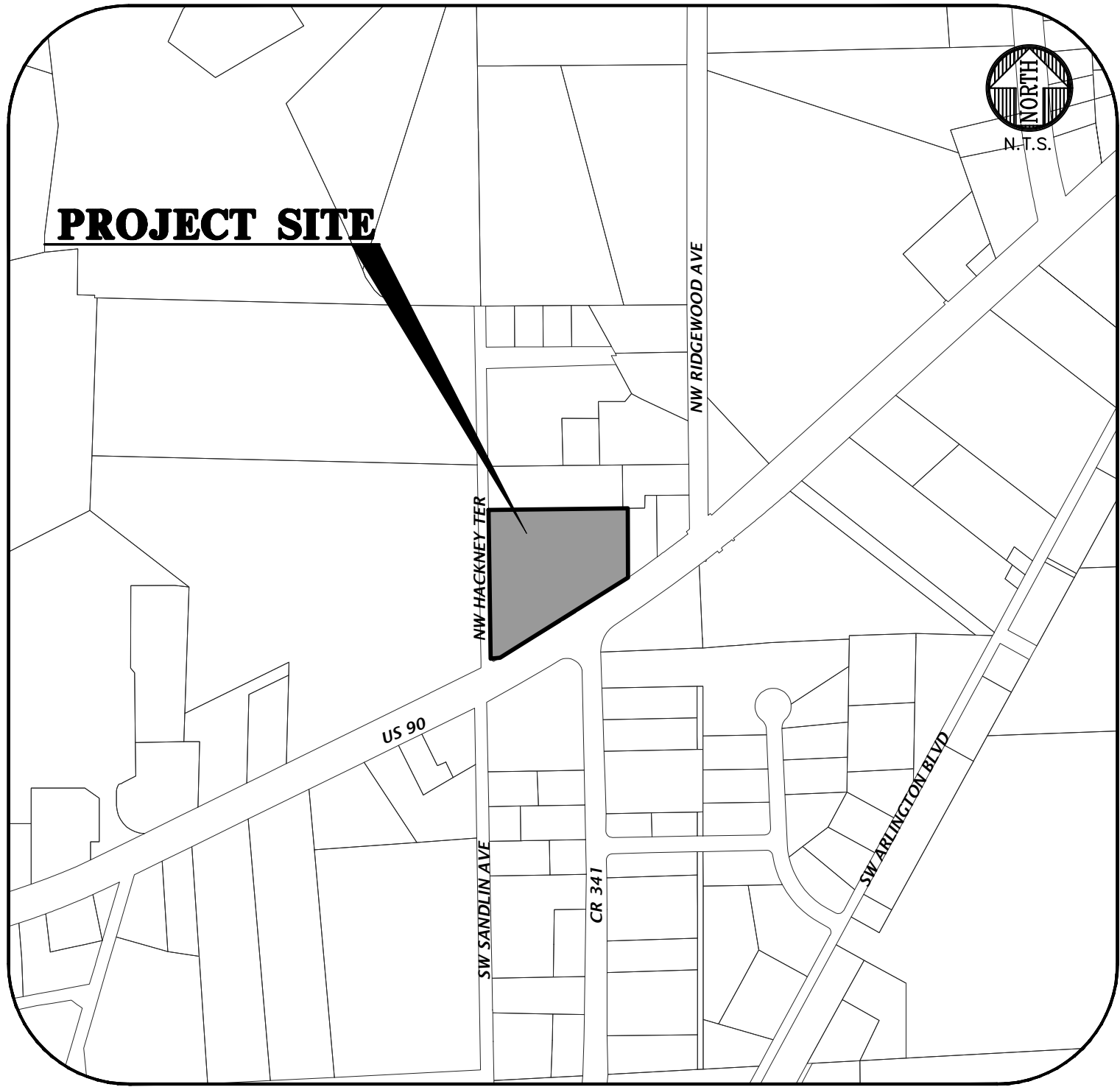
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VICINITY MAP



LOCATION MAP

SHEET INDEX	
SHEET NUMBER	DESCRIPTION
C0.00	COVER SHEET AND INDEX
1 OF 1	TOPOGRAPHIC SURVEY
C0.10	GENERAL NOTES
C0.11	LEGEND
C0.20	STORMWATER POLLUTION PREVENTION NOTES
C0.21	STORMWATER POLLUTION PREVENTION PLAN
C0.30	DEMOLITION PLAN
C1.00	MASTER SITE PLAN
C1.10	DETAILED SITE AND HORIZONTAL CONTROL PLAN
C2.10	DETAILED GRADING AND DRAINAGE PLAN
C2.20	SMF-1 AND SMF-3 PLAN AND DETAILS
C2.21	SMF-2 PLAN AND DETAILS
C2.30	CONSTRUCTION DETAILS
C3.10	DETAILED UTILITY PLAN
LS-1	TREE PRESERVATION PLAN
LS-2	LANDSCAPE PLAN FOR SITE PLAN APPROVAL
E1.1	SITE PHOTOMETRIC PLAN
E1.2	SITE ELECTRICAL PLAN
A2.10	EXTERIOR ELEVATIONS

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0' = 1" = 1' = 1" = 1' = 1"
THIS SHEET ADJUST
SCALES ACCORDINGLY

CONSTRUCTION DIVISION

DATE: 2/2/2023 - FIRST SUBMITTAL
2/2/2023 - 100% CDS
3/1/2023 - CONSTRUCTION DOCUMENTS

CENT: WALKER ARCHITECTS
PROJECT: RADIANT CREDIT UNION
LAKE CITY
SHEET TITLE: COVER SHEET AND INDEX
PROJECT NUMBER: 22-0059

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This item has been digitally
signed and sealed by Travis J.
Hastay, P.E. on the date
indicated here.
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FL PE No. 84295
SHEET NO.
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-  = ASPHALT SURFACE
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WALKER ARCHITECTS, INC.
RADIANT CREDIT UNION

REVISION (01/16/2023): ADDED INVERT OF ROOF DRAIN LINE.

10%

31

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TEC

ANNO DOMINI CMXIII

Professional Supervisor & Manager Eln | License No. 7132

This map prepared by:

This map prepared by:

SHEET NO.:

1 OF 1

GENERAL NOTES

1. THE TOPOGRAPHIC AND EXISTING INFORMATION SHOWN HEREON WERE TAKEN FROM AN ALTA/NPS LAND TITLE SURVEY PREPARED BY CHW, AND DATED JUNE 6, 2022.
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 SUNSHINE STATE ONE-CALL CENTER, INC. AT 1-800-432-4770 OR 811. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY "SUNSHINE" 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 UTILITY 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 (FY 2020-21 ROAD CONSTRUCTION), AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED JANUARY 2021, 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, JANUARY 2021 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.

DEMOLITION GENERAL NOTES

1. 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.
- NOTE: EROSION/SEDIMENTATION CONTROL SHALL BE PLACED PRIOR TO SITE EXCAVATION AND SHALL REMAIN IN PLACE UNTIL SITE VEGETATION AND LANDSCAPING IS COMPLETE.
- 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.
- 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 FILT (HAVING NO MORE THAN 3% 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.
- 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.
- E. ALL SLOPES 1:3 OR STEEPER REQUIRE LAPPED OR PEGGED SOD.
- 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.
- G. ALL SYNTHETIC BALES, SILT FENCE, AND OTHER EROSION CONTROL MEASURES SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.

3. 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 FDOT 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 LIMEROCK BASE, AND SHALL BACKFILL WITH FILL MATERIAL MEETING FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. SEE FDOT 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 OR 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 RAMPS 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 FDOT INDEX 524-001 AND FDOT 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 FDOT 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 HDPE FITTINGS AND CONNECTORS SHALL BE WATER TIGHT. SEE SPECIFICATIONS FOR MORE INFORMATION.
20. COMPACTION OF ALL MATERIALS SHALL BE LIMITED TO STATIC MOOD ONLY, UNLESS DIRECTED OTHERWISE BY THE ENGINEER OF RECORD.
21. ALL RCP PIPE JOINTS SHALL BE WRAPPED WITH FILTER FABRIC IN ACCORDANCE WITH FDOT 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 US 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. 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 GRAVITY 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 OTHERS.

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 2020).
 - B. FDOT STANDARD PLANS (FY 2019-20 ROAD CONSTRUCTION)
 - C. FDOT DESIGN MANUAL (2020)
 - D. FDOT FLEXIBLE PAVEMENT DESIGN MANUAL FOR NEW CONSTRUCTION AND PAVEMENT REHABILITATION
2. 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.
3. 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 RESTORED TO ORIGINAL OR BETTER CONDITION BY GRADING AND SODDING THE AREA DISTURBED (BERMUDA IN RURAL, CENTPEEDE IN UTILITY STRIPS).

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 AND COLUMBIA COUNTY.
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.

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	ACRES	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	PROP	PROPOSED
BMP	BEST MANAGEMENT PRACTICE	PT	POINT OF TANGENCY
BOS	BACK OF CURB	PVC	POLYVINYL CHLORIDE
BVCS	BEGIN VERTICAL CURVE STATION	PUE	PUBLIC UTILITY EASEMENT
BVCE	BEGIN VERTICAL CURVE ELEVATION	PVI	POINT OF VERTICAL INTERSECTION
BW	BOTTOM OF WALL	R	
BSL	BUILDING SETBACK LINE	R	RADIUS
C		RCP	REINFORCED CONCRETE PIPE
CATV	CABLE TELEVISION	RPM	RAISED REFLECTIVE PAVEMENT MARKER
CI	CURB INLET	RPZ	REDUCED PRESSURE ZONE
CP	CAST IRON PIPE	RT	RIGHT
CLDIP	CEMENT LINE DUCTILE IRON PIPE	RWM	RECLAIMED WATER MAIN
CMP	CORRUGATED METAL PIPE	R/W	RIGHT-OF-WAY
CO	CLEANOUT	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	TOB	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
L	LENGTH	LBR	LIMEROCK BEARING RATIO
LA	LANDSCAPE ARCHITECT	LDR	LAND DEVELOPMENT REGULATION
LBR	LIMEROCK BEARING RATIO	LF	LINEAR FEET
LDR	LAND DEVELOPMENT REGULATION	LP	LOW POINT
LF	LINEAR FEET	LT	LEFT
LP	LOW POINT	M	
LT	LEFT	MAX	MAXIMUM
M		ME	MATCH EXISTING
MAX	MAXIMUM	MH	MANHOLE
ME	MATCH EXISTING	MIN	MINIMUM
MH	MANHOLE	MISC	MISCELLANEOUS
MIN	MINIMUM	MJ	MECHANICAL JOINT
MISC	MISCELLANEOUS	MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
MJ	MECHANICAL JOINT	S	
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES	S	SOUTH

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.

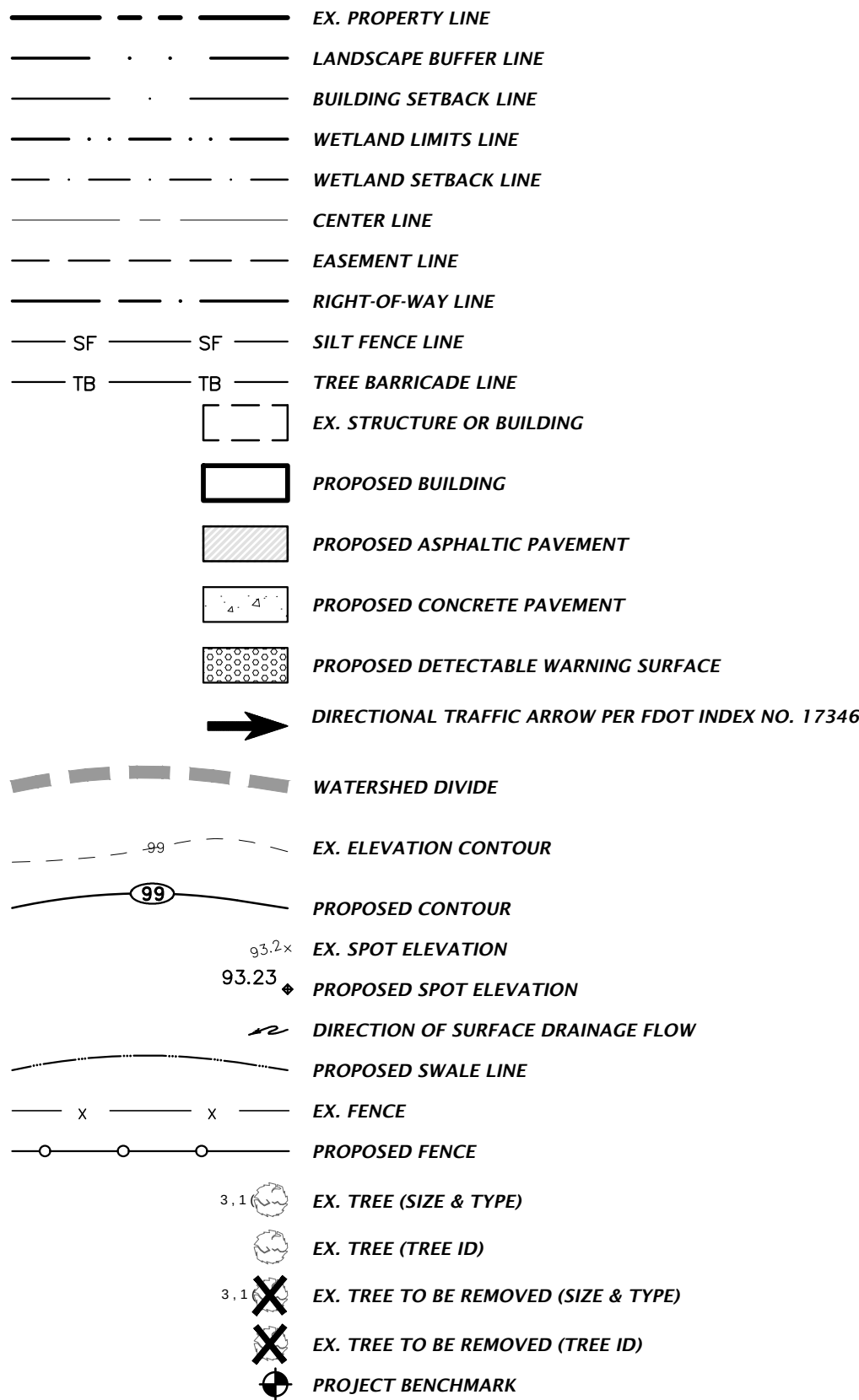


FTP-20-06 (12" X 18") PER FDOT INDEX NO. 700-102



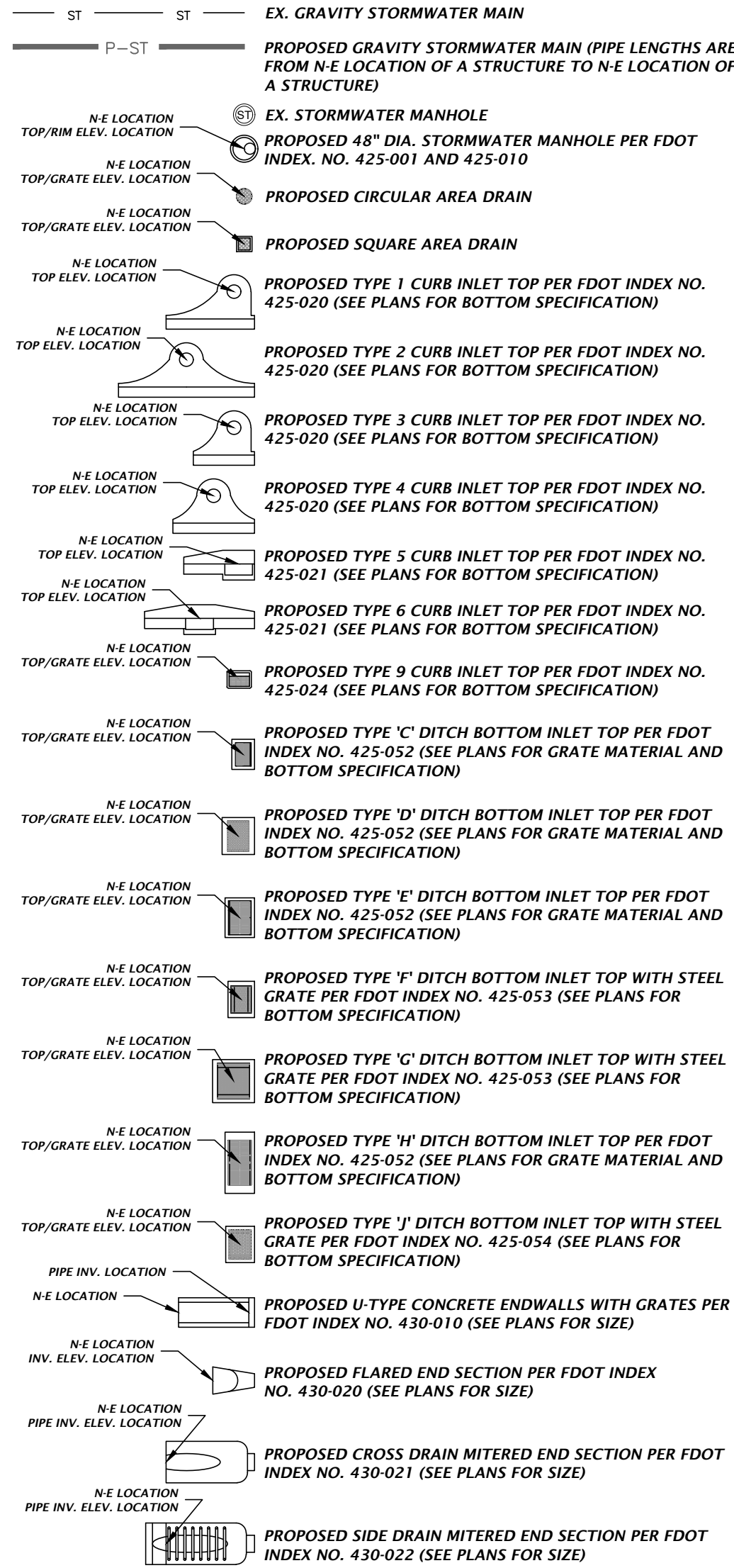
R1-1 "STOP" - SEE PLANS FOR SIZE

SITE INFORMATION



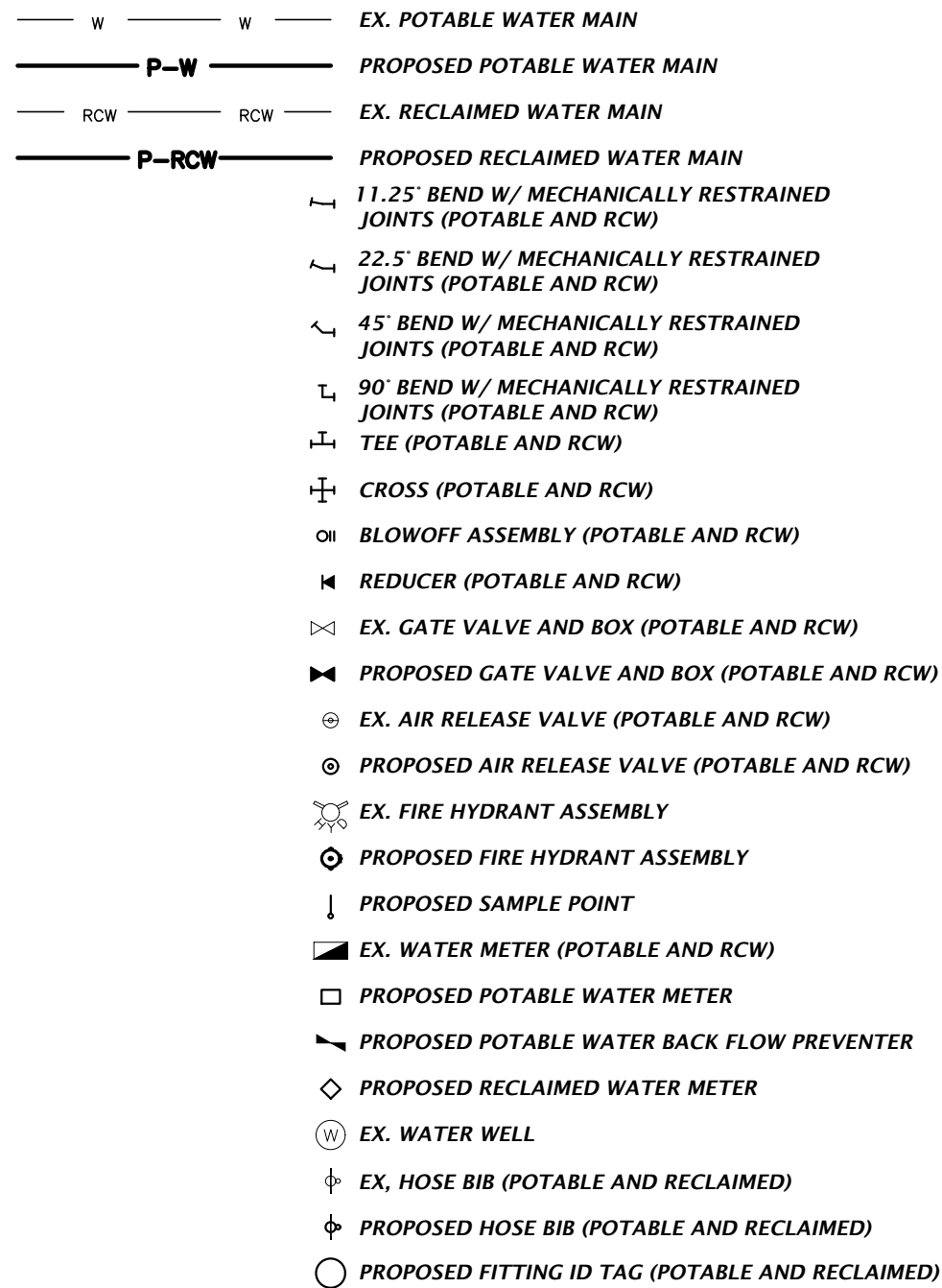
STORMWATER

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

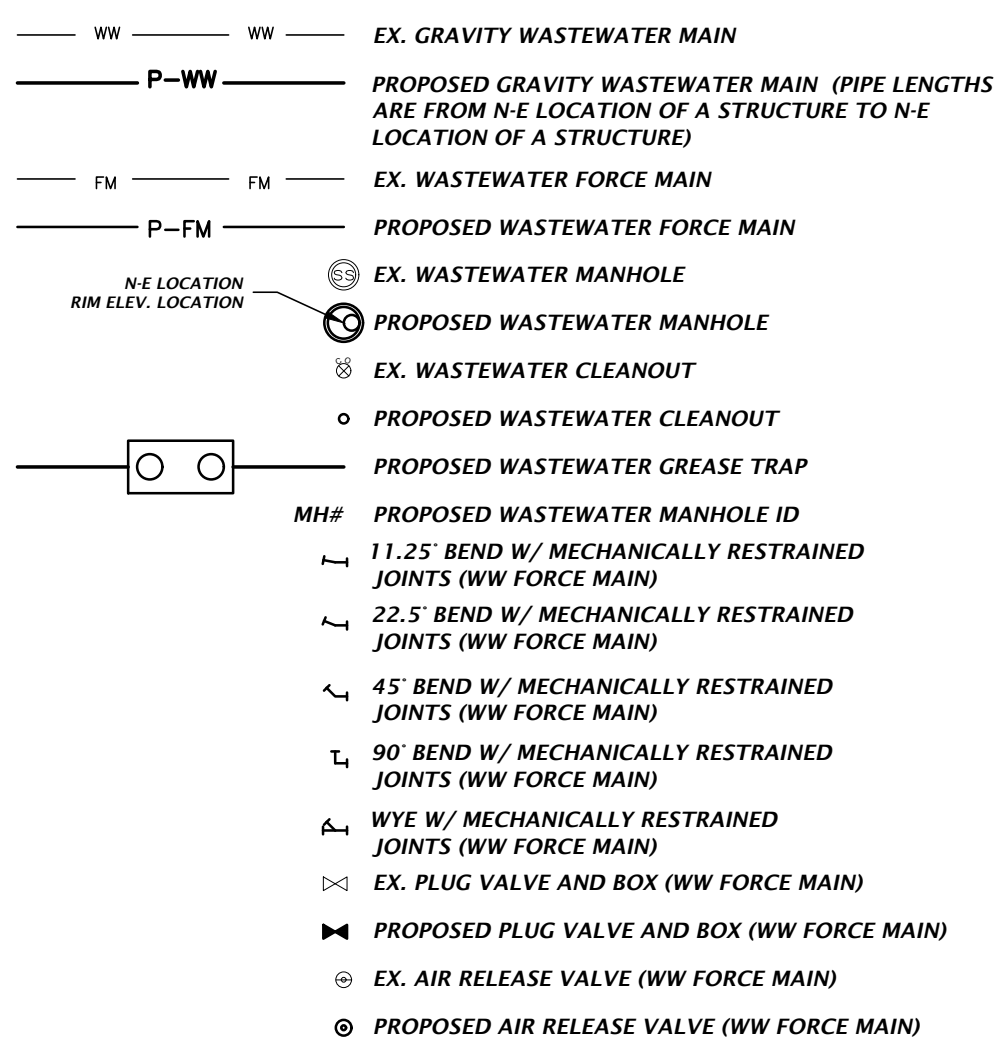


S-10 PROPOSED STORMWATER STRUCTURE ID TAG

POTABLE AND RECLAIMED WATER

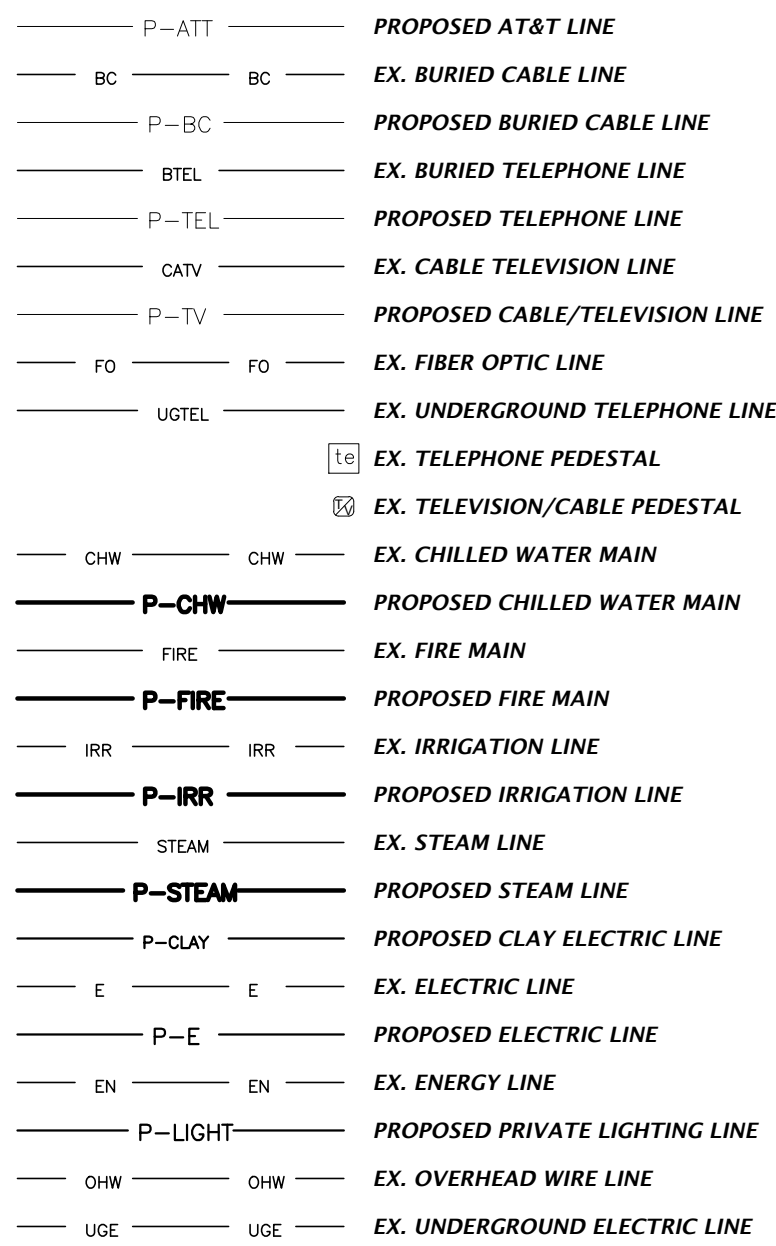


WASTEWATER



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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CA-5075

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VERIFY SCALE
BASED ON
ORIGINAL DRAWING
0" = 10' SEE NOTES
THIS SHEET ADJUST
SCALES ACCORDINGLY

SCALE

N/A

CONSTRUCTION AND REVISIONS

DATE

DESCRIPTION

BY

CHECKED

DATE

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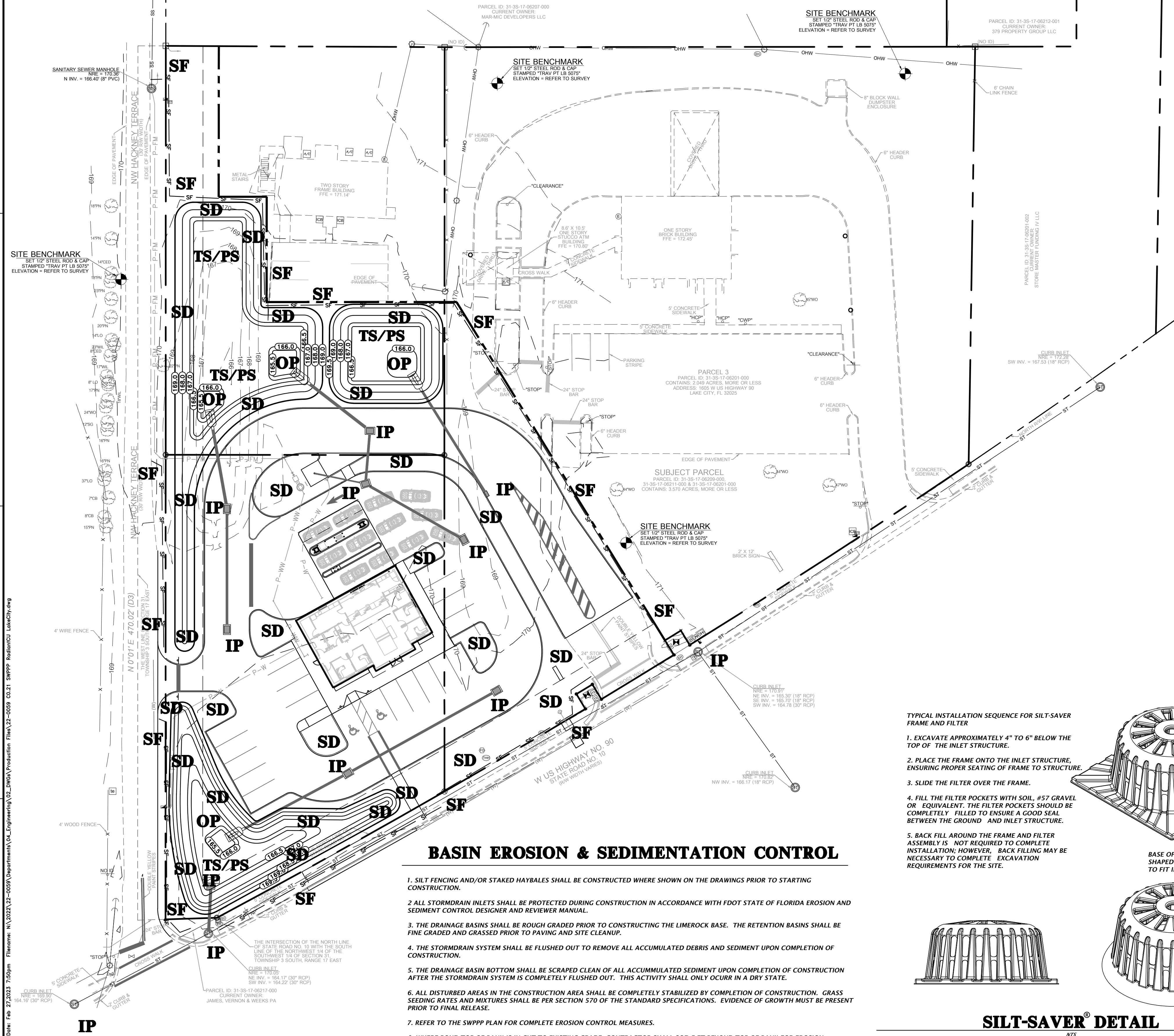
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DESCRIPTION

BY

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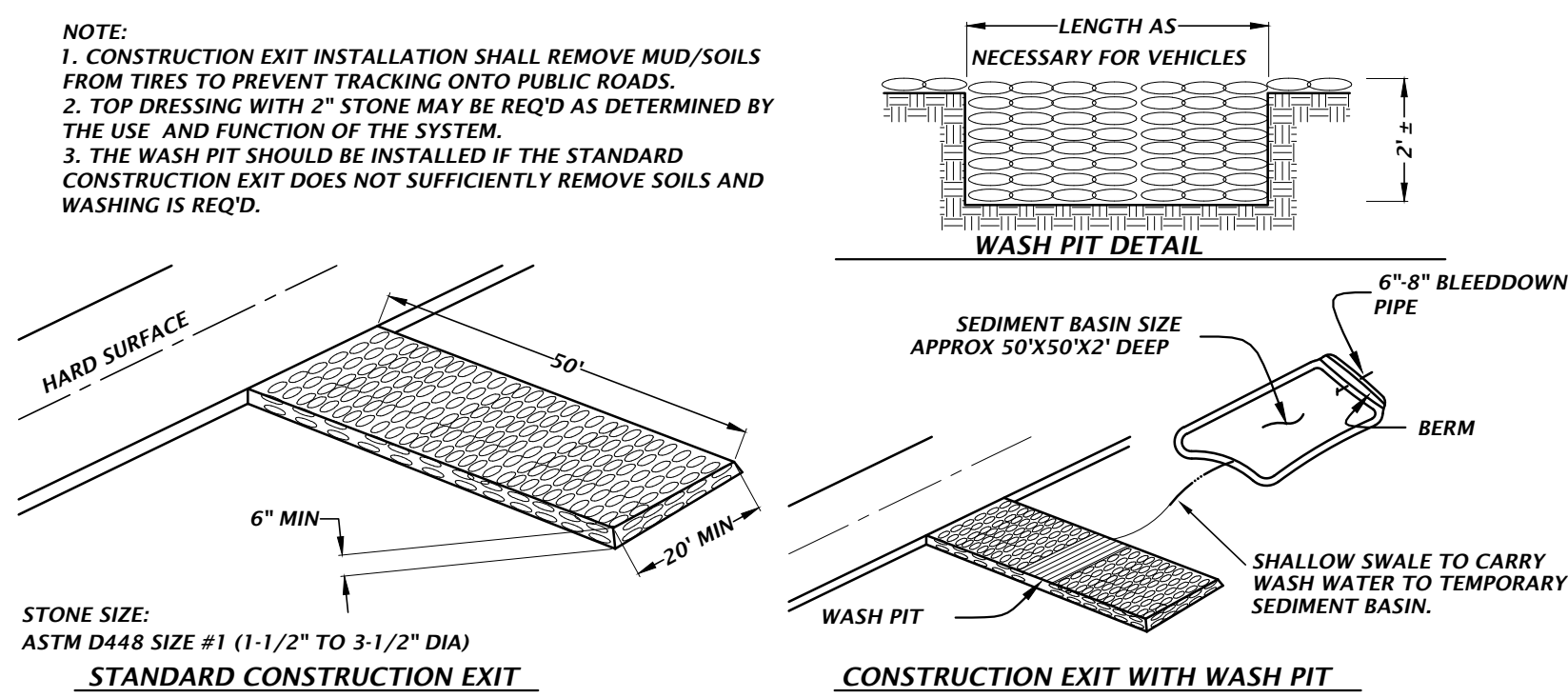
BASIN EROSION & SEDIMENTATION CONTROL

1. SILT FENCING AND/OR STAKED HAYBALES SHALL BE CONSTRUCTED WHERE SHOWN ON THE DRAWINGS PRIOR TO STARTING CONSTRUCTION.
2. ALL STORMDRAIN INLETS SHALL BE PROTECTED DURING CONSTRUCTION IN ACCORDANCE WITH FDOT STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL.
3. THE DRAINAGE BASINS SHALL BE ROUGH GRADED PRIOR TO CONSTRUCTING THE LIMESTONE BASE. THE RETENTION BASINS SHALL BE FINE GRADED AND GRASSED PRIOR TO PAVING AND SITE CLEANUP.
4. THE STORMDRAIN SYSTEM SHALL BE FLUSHED OUT TO REMOVE ALL ACCUMULATED DEBRIS AND SEDIMENT UPON COMPLETION OF CONSTRUCTION.
5. THE DRAINAGE BASIN BOTTOM SHALL BE SCRAPED CLEAN OF ALL ACCUMULATED SEDIMENT UPON COMPLETION OF CONSTRUCTION AFTER THE STORMDRAIN SYSTEM IS COMPLETELY FLUSHED OUT. THIS ACTIVITY SHALL ONLY OCCUR IN A DRY STATE.
6. ALL DISTURBED AREAS IN THE CONSTRUCTION AREA SHALL BE COMPLETELY STABILIZED BY COMPLETION OF CONSTRUCTION. GRASS SEEDING RATES AND MIXTURES SHALL BE PER SECTION 570 OF THE STANDARD SPECIFICATIONS. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO FINAL RELEASE.
7. REFER TO THE SWPPP PLAN FOR COMPLETE EROSION CONTROL MEASURES.
8. WHERE POND TOP OF BANK IS IN CUT TO EXISTING GRADE, CONTRACTOR SHALL SOD 5-FT BEYOND TOP OF BANK FOR EROSION PROTECTION.

STORMWATER POLLUTION PREVENTION LEGEND

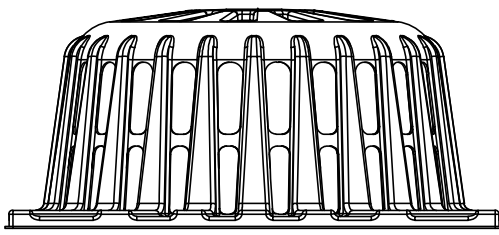
- TS** = TEMPORARY SEEDING
PS = PERMANENT SEEDING
ML = MULCHING
SD = SOD STABILIZATION
SF = SILT BARRIER
TB = TREE BARRIER
IP = INLET PROTECTION
OP = OUTLET PROTECTION
CO = CONSTRUCTION ENTRANCE/EXIT

- 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.

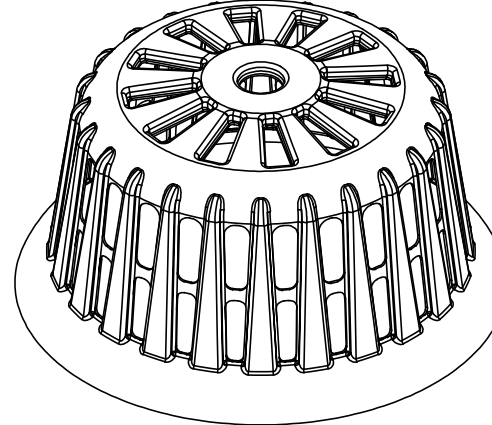


TEMPORARY CONSTRUCTION EXIT DETAIL

- TYPICAL INSTALLATION SEQUENCE FOR SILT-SAVER FRAME AND FILTER
1. EXCAVATE APPROXIMATELY 4" TO 6" BELOW THE TOP OF THE INLET STRUCTURE.
 2. PLACE THE FRAME ONTO THE INLET STRUCTURE, ENSURING PROPER SEATING OF FRAME TO STRUCTURE.
 3. SLIDE THE FILTER OVER THE FRAME.
 4. 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.
 5. 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.

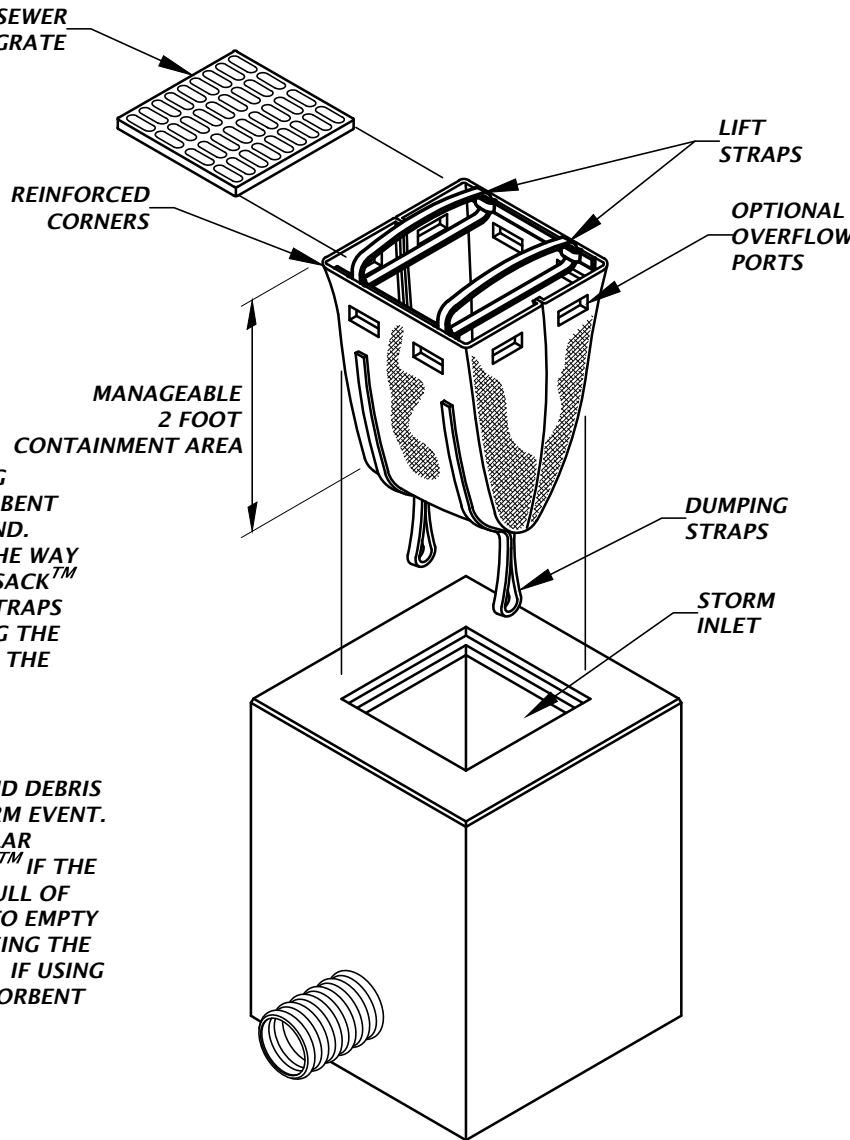


SILT-SAVER® DETAIL



- INSTALLATION:
REMOVE THE GRATE FROM INLET. IF USING OPTIONAL OIL ABSORBENTS, PLACE ABSORBENT PILLLOW 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



INLET PROTECTION OPTIONS DETAIL

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CA-5075

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SCALE: 1"=30'
VERIFY SCALE ON ORIGINAL DRAWING
0"=NOT TO SCALE
THIS SHEET ADJUST SCALES ACCORDINGLY

CONSTRUCTION TO EXISTENCE

DATE: 2/22/2023 - FIRST SUBMITTAL
2/21/2023 - 100% CDS
3/1/2023 - CONSTRUCTION DOCUMENTS

CLIENT: WALKER ARCHITECTS
PROJECT: RADIANT CREDIT UNION
LAKE CITY

DESIGNER: K. MERRITT
CHECKER: C. LEFFORD
QUALITY CONTROL: T. HASTAY
PROJECT NUMBER: 22-0059

TRAVIS J. HASTAY
State of Florida
Professional Engineer, License
No. 84295
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signed and sealed by Travis J.
Hastay, P.E. on the date
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FL PE No. 84295
SHEET NO.
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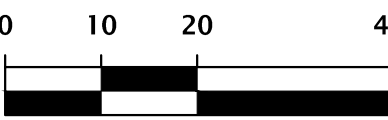
SITE BENCHMARK
SET 1/2" STEEL ROD & CAP
STAMPED "TRAV PT LB 5075"
ELEVATION = REFER TO SURVEY

POINT OF COMMENCEMENT
(PARCELS 1, 2 & 3)
THE SOUTHWEST CORNER OF THE NORTHWEST
1/4 OF THE SOUTHWEST 1/4 OF SECTION 31,
TOWNSHIP 3 SOUTH, RANGE 17 EAST

THE SOUTH LINE OF THE NORTHWEST 1/4
OF THE SOUTHWEST 1/4 OF SECTION 31,
TOWNSHIP 3 SOUTH, RANGE 17 EAST

THE INTERSECTION OF THE NORTH LINE
OF STATE ROAD NO. 10 WITH THE SOUTH
LINE OF THE NORTHWEST 1/4 OF THE
SOUTHWEST 1/4 OF SECTION 31,
TOWNSHIP 3 SOUTH, RANGE 17 EAST

GRAPHIC SCALE



LEGEND

- EXISTING TREE TO BE REMOVED
- EXISTING FEATURES TO BE REMOVED
- TB TREE BARRICADE
- SF SILT FENCE

NOTES:

- CONTRACTOR SHALL HAVE ALL SILT FENCE & TREE BARRICADES INSTALLED PRIOR TO ANY SITE WORK.
- CONTRACTOR SHALL REPAIR/RESTORE ANY DISTURBED AREAS TO EXISTING OR BETTER CONDITION.
- CONTRACTOR TO COORDINATE WITH DOH OR FDEP FOR PROPER REMOVAL AND DISPOSAL OF ANY EX. ONSITE SEPTIC SYSTEMS OR WELL SYSTEMS.
- CONTRACTOR TO USE EXTREME CAUTION WHEN WORKING AROUND EXISTING ABOVE AND UNDERGROUND UTILITIES.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH UTILITY COMPANY AS NEEDED TO SUPPORT POLES DURING CONSTRUCTION.

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CONSTRUCTION DIVISION

DATE: 2/2/2023 - FIRST SUBMITTAL
2/15/2023 - 100% CDs
3/1/2023 - CONSTRUCTION DOCUMENTS

CLIENT: WALKER ARCHITECTS
PROJECT: RADIANT CREDIT UNION
SHEET TITLE: DEMOLITION PLAN

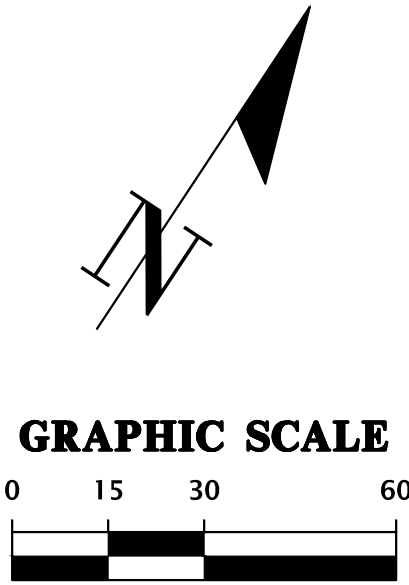
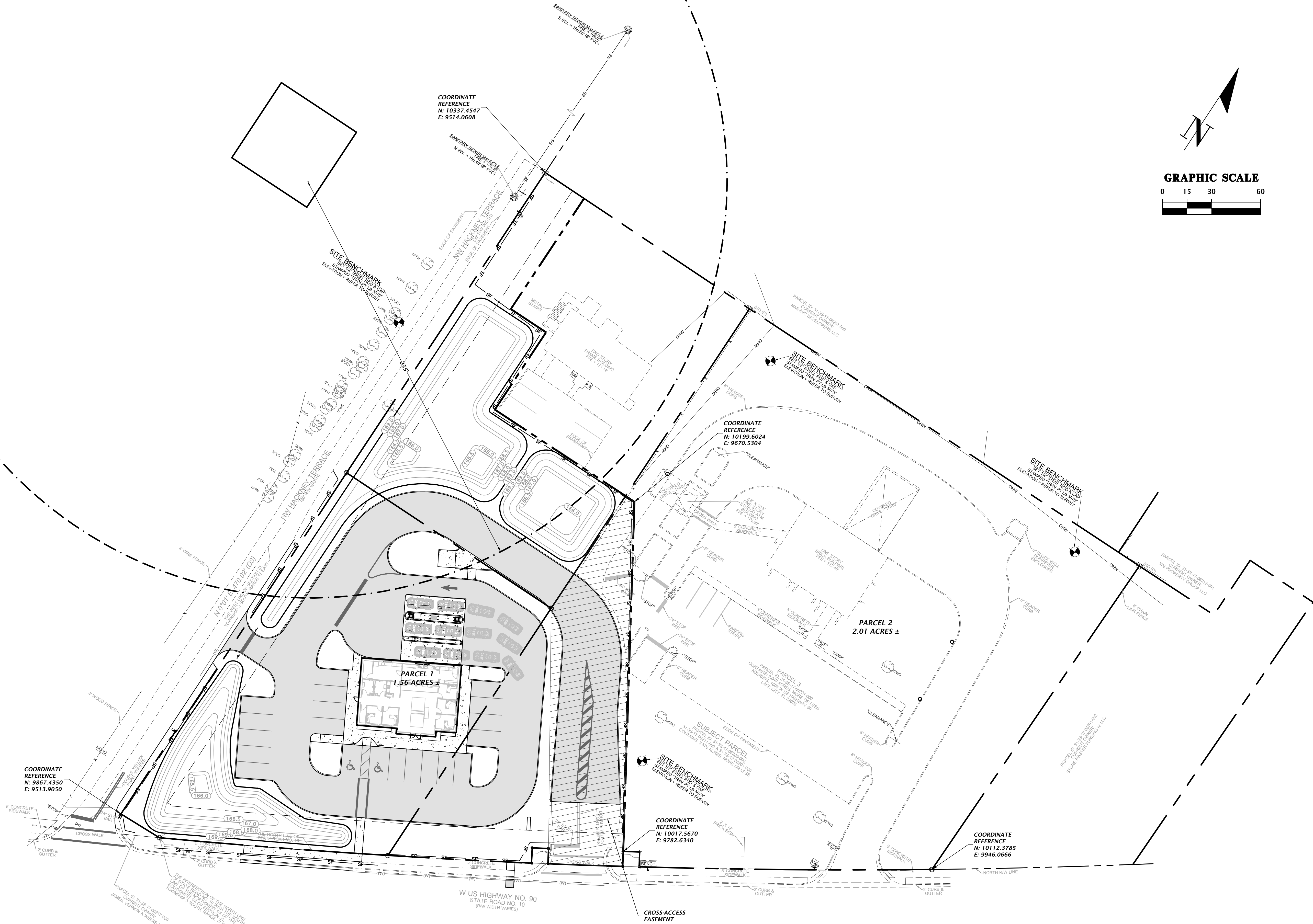
DESIGNER: K. MERRITT
CHECKER: C. LEDFORD
QUALITY CONTROL: T. HASTAY
PROJECT NUMBER: 22-0059

Travis J. Hastay
State of Florida
Professional Engineer, License
No. 84295
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Hastay, P.E. on the date
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SHEET NO. **C0.30**

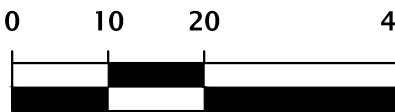
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Title: RadiantCU Plot Date: Feb 27, 2023 7:51 pm



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SCALE 1"=30'		VERTICAL SCALE BASED ON ORIGINAL DRAWING 0' 15' 30' 45' 60' THIS SHEET ADJUST SCALES ACCORDINGLY	
CONSTRUCTION DIVISIONS		CONSTRUCTION DIVISIONS	
SUBMITTAL 2/2/2023 - FIRST SUBMITTAL 2/15/2023 - 100% CDs 3/1/2023 - CONSTRUCTION DOCUMENTS		SUBMITTAL 2/2/2023 - FIRST SUBMITTAL 2/15/2023 - 100% CDs 3/1/2023 - CONSTRUCTION DOCUMENTS	
CLIENT WALKER ARCHITECTS RADIANT CREDIT UNION LAKE CITY		CLIENT WALKER ARCHITECTS RADIANT CREDIT UNION LAKE CITY	
DESIGNER K. MERRITT C. LEDFORD T. HASTAY		DESIGNER K. MERRITT C. LEDFORD T. HASTAY	
PROJECT NUMBER 22-0059		PROJECT NUMBER 22-0059	
SHEET TITLE MASTER SITE PLAN		SHEET TITLE MASTER SITE PLAN	
TRAVIS J. HASTAY State of Florida Professional Engineer, License No. 84295		TRAVIS J. HASTAY State of Florida Professional Engineer, License No. 84295	
This item has been digitally signed and sealed by Travis J. Hastay, P.E. on the date indicated here.		This item has been digitally signed and sealed by Travis J. Hastay, P.E. on the date indicated here.	
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FL PE No. 84295		FL PE No. 84295	
SHEET NO. C1.00		SHEET NO. C1.00	

SITE BENCHMARK
SET 1/2" STEEL ROD & CAP
STAMPED "TRAV PT LB 5075"
ELEVATION = REFER TO SURVEY

GRAPHIC SCALE



REFER TO SHEET C1.00 FOR COORDINATE
REFERENCE LOCATIONS.

STORMWATER STRUCTURE TABLE

STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
EX-1	EXISTING CURB INLET	170.05	164.25 N 164.17 NE 164.22 SW	18" (EX) 30" (EX)	N: 9859.80 E: 9537.03
S-1	TYPE 9 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-024 AND 425-010	169.50	166.25 NW	15"	N: 10096.28 E: 9686.50
S-2	SIDE DRAIN MES PER FDOT INDEX 430-022	N/A	166.00 SE	15"	N: 10158.67 E: 9647.65
S-3	TYPE F INLET PER FDOT INDEX 425-053 AND 425-010	169.50	166.25 SW	15"	N: 9990.46 E: 9692.07
S-4	TYPE F INLET PER FDOT INDEX 425-053 AND 425-010	169.50	165.79 NE 165.79 SW	15"	N: 9946.01 E: 9612.02
S-5	SIDE DRAIN MES PER FDOT INDEX 430-022	N/A	165.50 NE	15"	N: 9912.57 E: 9549.50
S-6	TYPE F INLET PER FDOT INDEX 425-053 AND 425-010	169.50	166.25 N	15"	N: 10023.34 E: 9546.96
S-8	SIDE DRAIN MES PER FDOT INDEX 430-022	N/A	165.50 S	18"	N: 10138.75 E: 9538.03
S-9	TYPE F INLET PER FDOT INDEX 425-053 AND 425-010	169.50	166.25 NW	15"	N: 10071.76 E: 9674.38
S-10	TYPE F INLET PER FDOT INDEX 425-053 AND 425-010	169.50	165.80 NW 165.80 S	15"	N: 10130.30 E: 9623.91
S-11	SIDE DRAIN MES PER FDOT INDEX 430-022	N/A	165.50 SE	18"	N: 10160.82 E: 9584.61
S-12	TYPE F INLET PER FDOT INDEX 425-053 AND 425-010	169.70	165.95 N 165.95 SE 165.95 W	15" 15" 8"	N: 10101.83 E: 9621.52
S-13	OUTFALL STRUCTURE REFER TO DETAIL ON THIS SHEET	168.85	164.44 S	18"	N: 9885.29 E: 9538.36
S-14	8" AREA DRAIN WITH H-20 RATED TRAFFIC BEARING TOP	170.07	166.24 E	8"	N: 10107.44 E: 9594.04

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VERTICAL SCALE
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0" = 10' VERTICAL
THIS SHEET ADJUST
SCALES ACCORDINGLY

SCALE 1"=20'

CONSTRUCTION AND REVISIONS

DATE: 2/2/2023 - FIRST SUBMITTAL
2/15/2023 - 100% CDS
3/1/2023 - CONSTRUCTION DOCUMENTS

CLIENT: WALKER ARCHITECTS
PROJECT: RADIANT CREDIT UNION
LAKE CITY

DESIGNER: K. MERRITT
CHECKER: C. LEFFORD
QUALITY CONTROL: T. HASTAY
PROJECT NUMBER: 22-0059

TRAVIS J. HASTAY
State of Florida
Professional Engineer, License
No. 84295

This item has been digitally
signed and sealed by Travis J.
Hastay, P.E. on the date
indicated here.

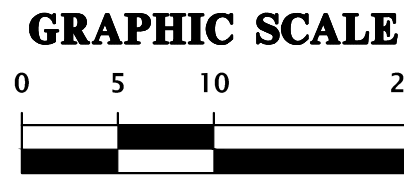
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FL PE No. 84295

SHEET NO.

C2.10

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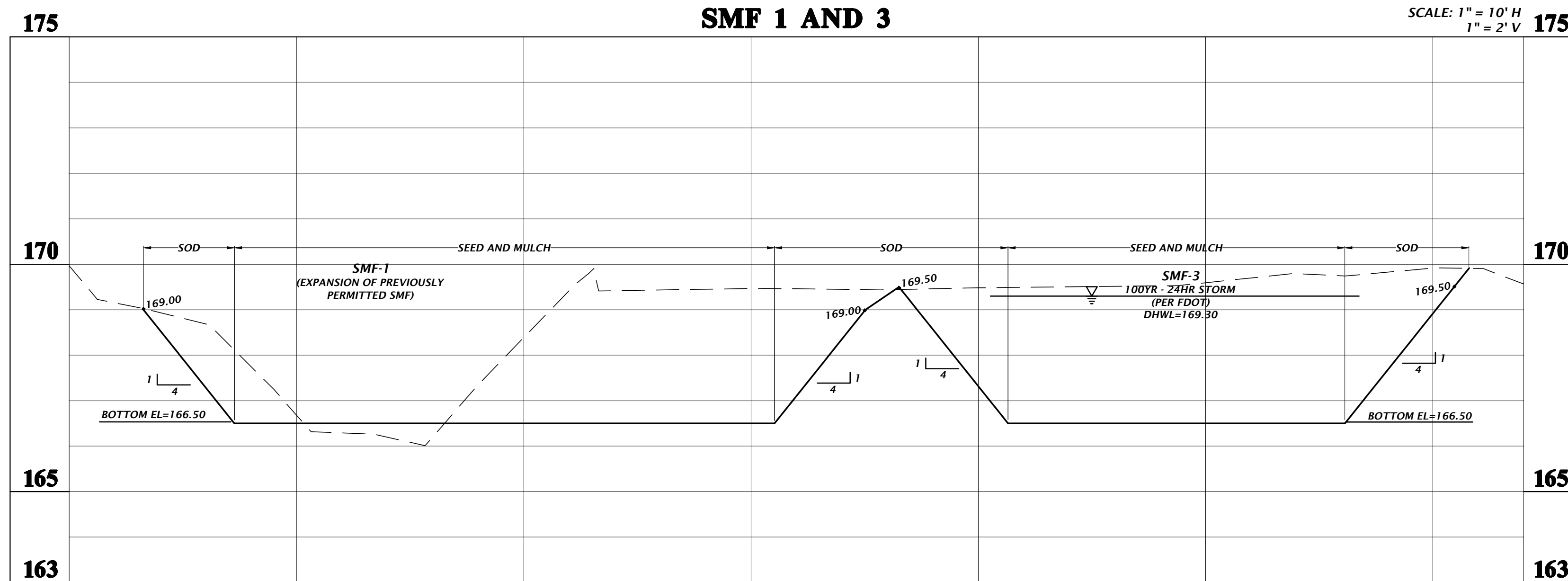
REFER TO SHEET C1.00 FOR COORDINATE
REFERENCE LOCATIONS.

THE WEST LINE OF SECTION 31,
TOWNSHIP 3 SOUTH, RANGE 17 EAST

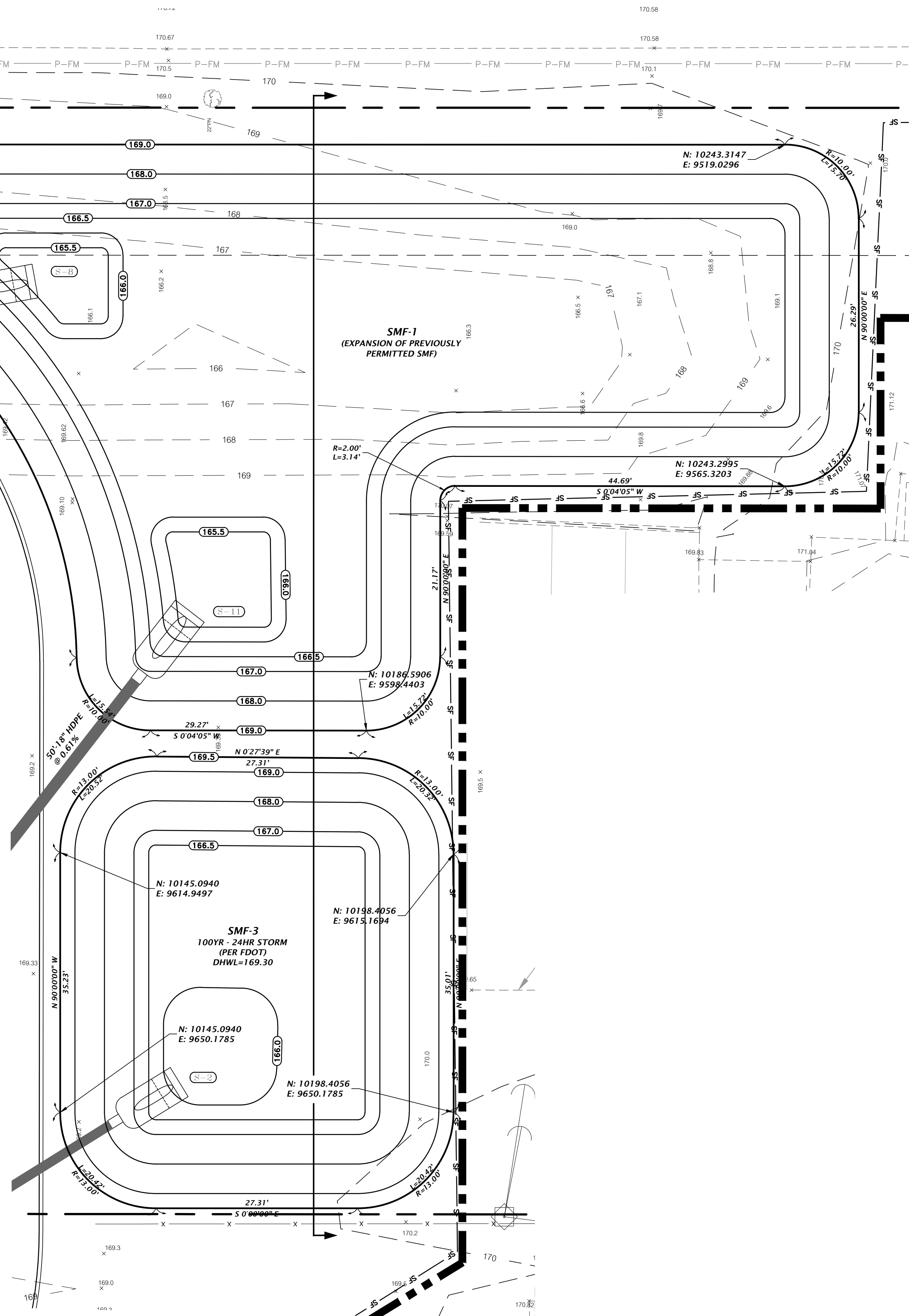
STORMWATER STRUCTURE TABLE					
STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
S-2	SIDE DRAIN MES PER FDOT INDEX 430-022	N/A	166.00 SE	15"	N: 10158.67 E: 9647.65
S-6	TYPE F INLET PER FDOT INDEX 425-053 AND 425-010	169.50	166.25 N	15"	N: 10023.34 E: 9546.96
S-7	TYPE F INLET PER FDOT INDEX 425-053 AND 425-010	169.50	165.92 S 165.92 N	15" 18"	N: 10088.36 E: 9546.98
S-8	SIDE DRAIN MES PER FDOT INDEX 430-022	N/A	165.50 S	18"	N: 10138.75 E: 9538.03
S-10	TYPE F INLET PER FDOT INDEX 425-053 AND 425-010	169.50	165.80 NW 165.80 S	18" 15"	N: 10130.30 E: 9623.91
S-11	SIDE DRAIN MES PER FDOT INDEX 430-022	N/A	165.50 SE	18"	N: 10160.82 E: 9584.61

SMF 1 AND 3

SCALE: 1" = 10' H
1" = 2' V



- 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.
- IN AREAS WHERE CLAY-RICH SOILS ARE PRESENT AT THE BASIN BOTTOM, THESE SOILS SHALL BE UNDERCUT A MINIMUM OF 2 FEET ON THE BOTTOM AND BACKFILLED WITH ON-SITE SANDS AND SANDS WITH SILT (SP, SP-SM) HAVING A MAXIMUM OF 10 PERCENT OF FINES PASSING THE NO. 200 SIEVE. REFER TO GSE ENGINEERING AND CONSULTING INC.'S SUMMARY REPORT OF GEOTECHNICAL SITE EXPLORATION (DATED NOVEMBER 2018)
- 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.
- THE INSTANT MATERIAL FOR ALL DRY RETENTION PONDS WILL BE TESTED BY A GEOTECHNICAL ENGINEER USING APPROPRIATE METHODOLOGIES SUCH AS ON-SITE TESTING WITH A DOUBLE-RING INFILTRMETER OR TRENCH TEST, OR COLLECTION OF AN UNDISTURBED SAMPLE FOR TESTING SUCH AS A SHELBY TUBE TO DEMONSTRATE THAT IT IS NOT LESS THAN THE DESIGN INFILTRATION. TEST RESULTS SHALL BE SUBMITTED TO THE CITY FOR APPROVAL. THE COST SHALL BE BORNE BY THE CONTRACTOR



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ORIGINAL DRAWING
0" = 10' HORIZONTAL
1" = 2' VERTICAL
THIS SHEET ADJUST
SCALES ACCORDINGLY.

SCALE: 1" = 10'
CONSTRUCTION AND REVISIONS

DATE: 2/2/2023
SUBMITTAL
2/2/2023 - FIRST SUBMITTAL
2/15/2023 - 100% CDs
3/1/2023 - CONSTRUCTION DOCUMENTS

CLIENT: WALKER ARCHITECTS
PROJECT: RADIANT CREDIT UNION
LAKE CITY

DESIGNER: K. MERRITT
CHECKER: C. LEDFORD
QUALITY CONTROL: T. HASTAY
PROJECT NUMBER: 22-0059

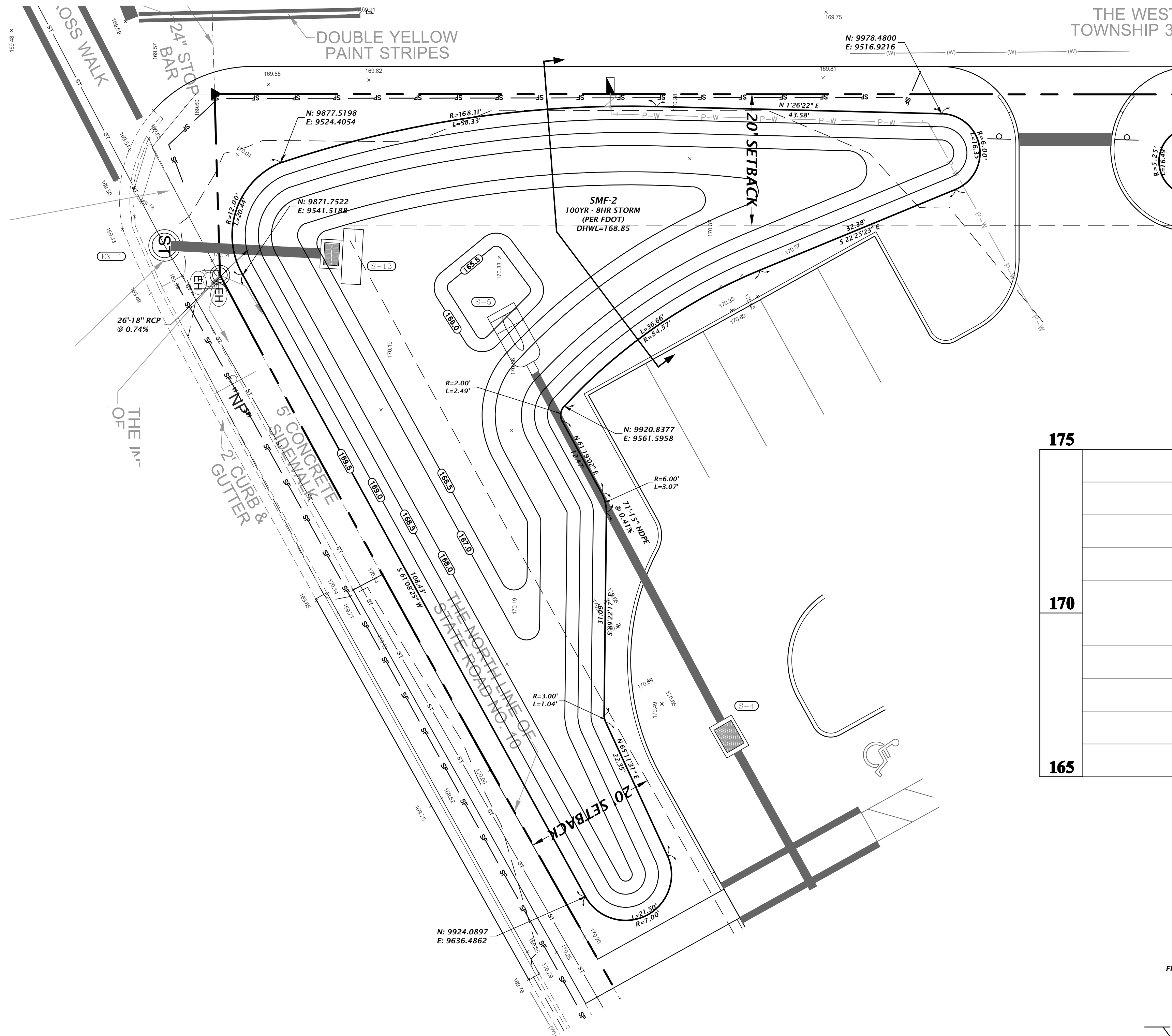
TRAVIS J. HASTAY
State of Florida
Professional Engineer, License
No. 84295

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signed and sealed by Travis J.
Hastay, P.E. on the date
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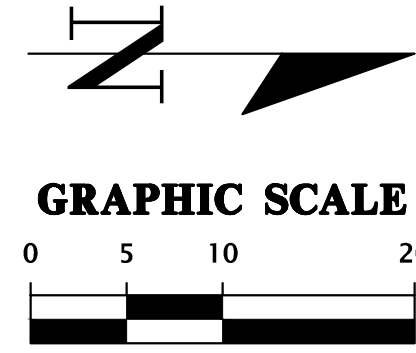
FL PE No. 84295
SHEET NO.
C2.20

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Title: SMF Retention Pond
Date: Feb 27, 2023 7:54pm
User: kurtm



- 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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- THE INSITU MATERIAL FOR ALL DRY RETENTION PONDS WILL BE TESTED BY A GEOTECHNICAL ENGINEER USING APPROPRIATE METHODOLOGIES SUCH AS ONSITE TESTING WITH A DOUBLING INFILTRMETER OR TRENCH TEST, OR COLLECTION OF AN UNDISTURBED SAMPLE FOR TESTING SUCH AS A SHELBY TUBE TO DEMONSTRATE THAT IT IS NOT LESS THAN THE DESIGN INFILTRATION. TEST RESULTS SHALL BE SUBMITTED TO THE CITY FOR APPROVAL. THE COST SHALL BE BORNE BY THE CONTRACTOR

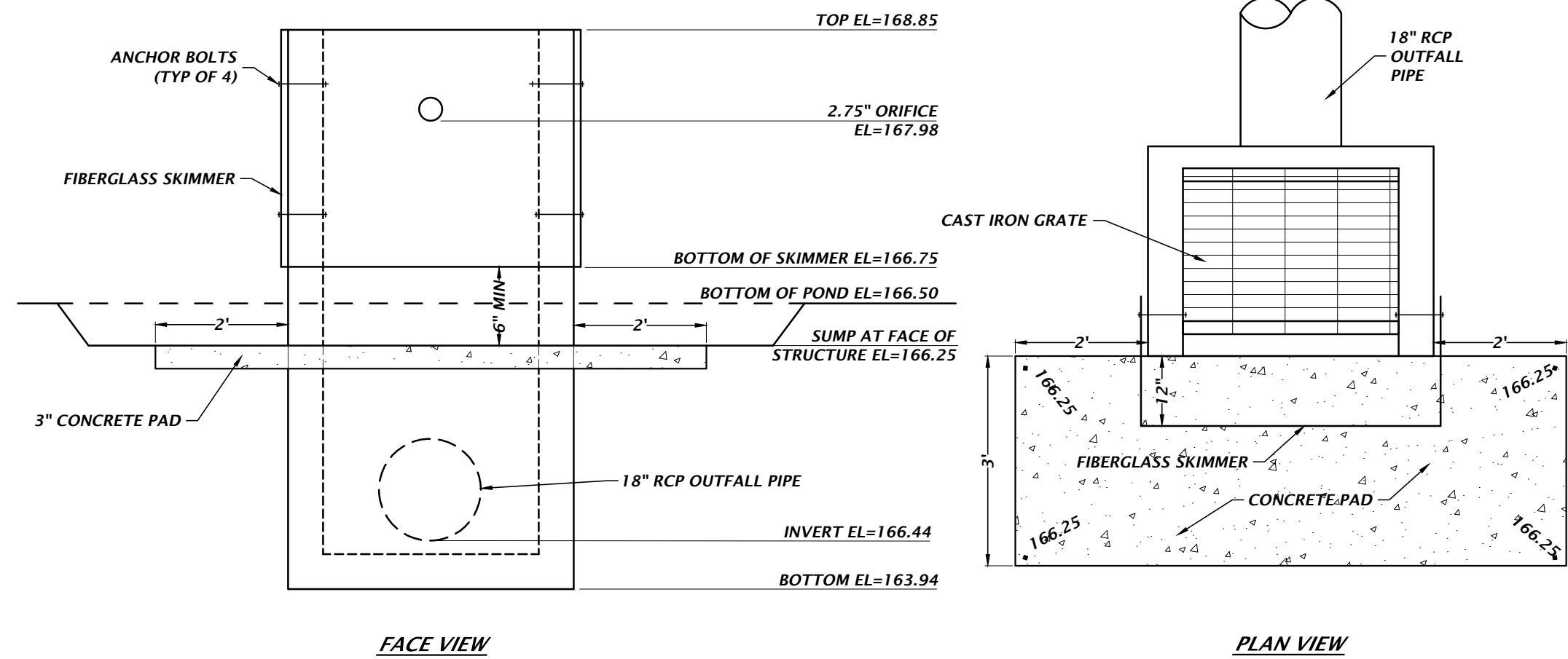
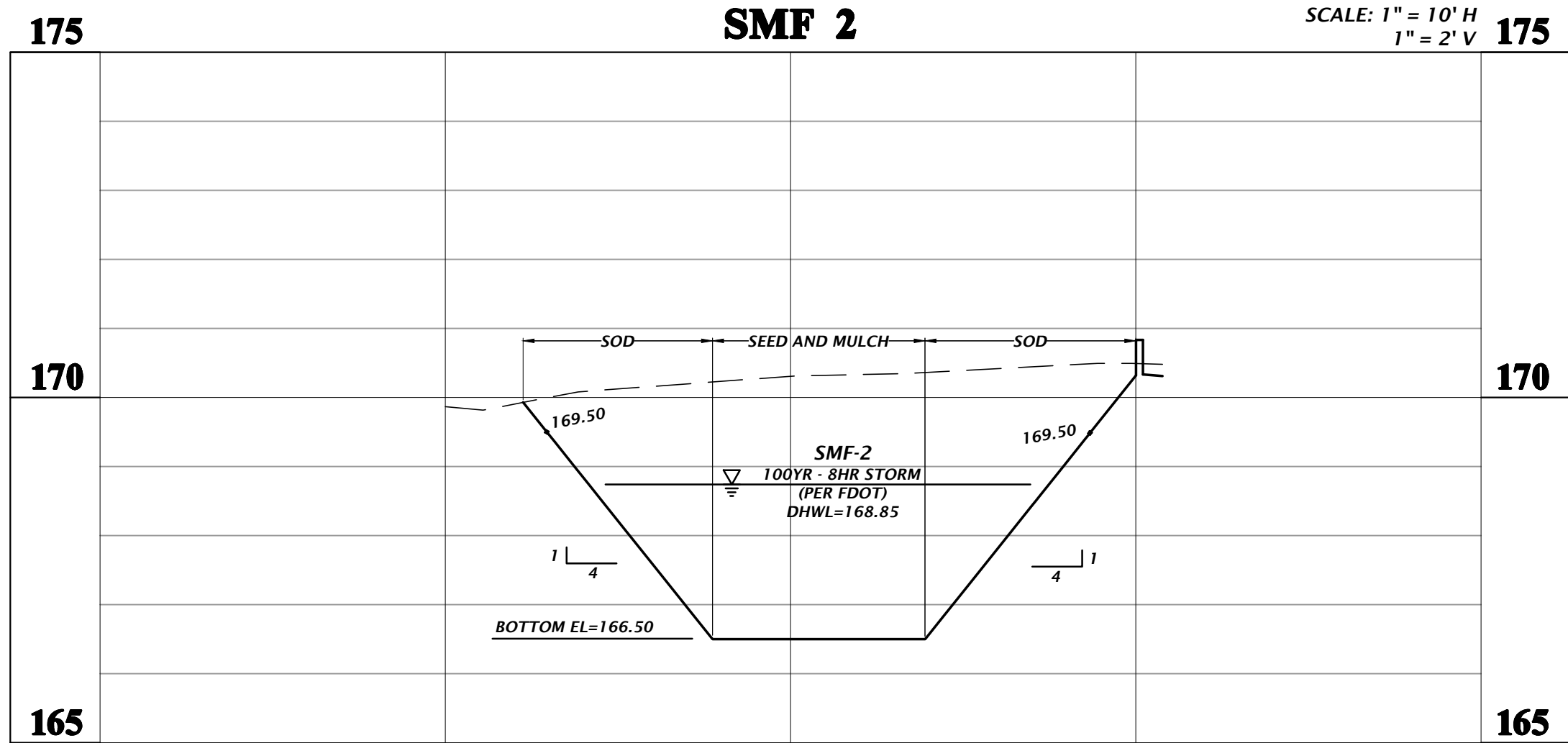
THE WEST
TOWNSHIP 3



REFER TO SHEET C1.00 FOR COORDINATE
REFERENCE LOCATIONS.

STORMWATER STRUCTURE TABLE

STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
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S-5	SIDE DRAIN MES PER FDOT INDEX 430-022	N/A	165.50 NE	15" (30) (EX)	N: 9912.57 E: 9549.50
S-13	OUTFALL STRUCTURE REFER TO DETAIL ON THIS SHEET	168.85	164.44 S	18" (30) (EX)	N: 9885.29 E: 9538.36



NOTE:
PROVIDE A MINIMUM OF 9\"/>

MODIFIED TYPE C INLET
STRUCTURE S-13

NTS

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SCALE
1\"/>

CONSTRUCTION REVISIONS

DATE
2/27/2023 - FIRST SUBMITTAL
2/27/2023 - 100% CDS
3/1/2023 - CONSTRUCTION DOCUMENTS

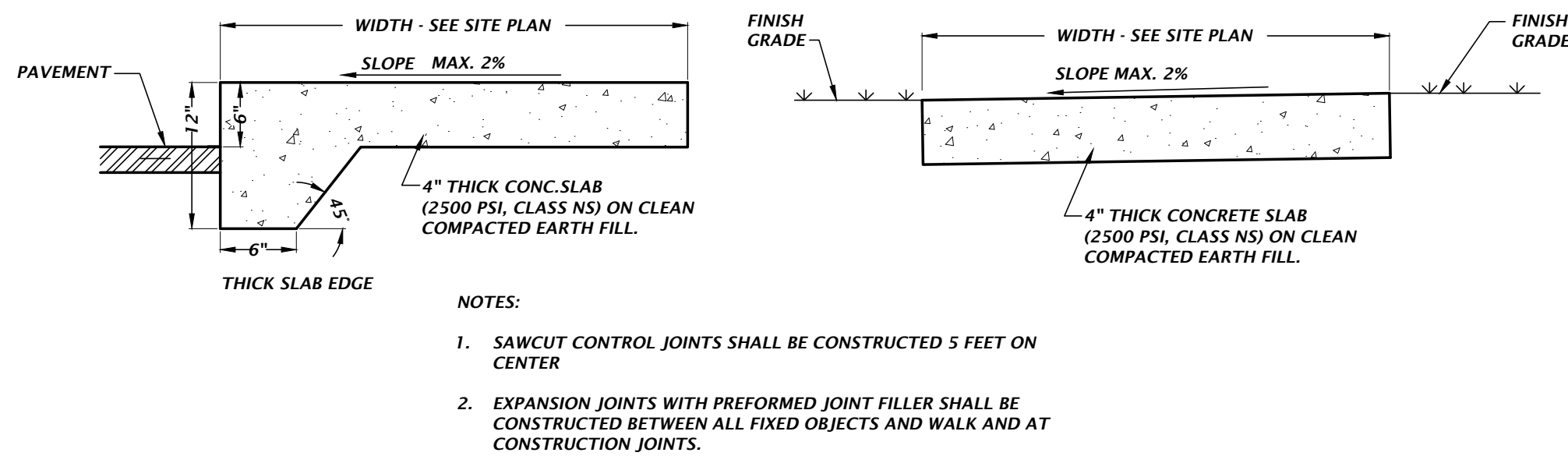
CLIENT
WALKER ARCHITECTS
PROJECT
RADIANT CREDIT UNION
LAKE CITY

DESIGNER
K. MERRITT
DESIGNER
C. LEDFORD
QUALITY CONTROL
T. HASTAY
PROJECT NUMBER
22-0059

TRAVIS J. HASTAY
State of Florida
Professional Engineer, License
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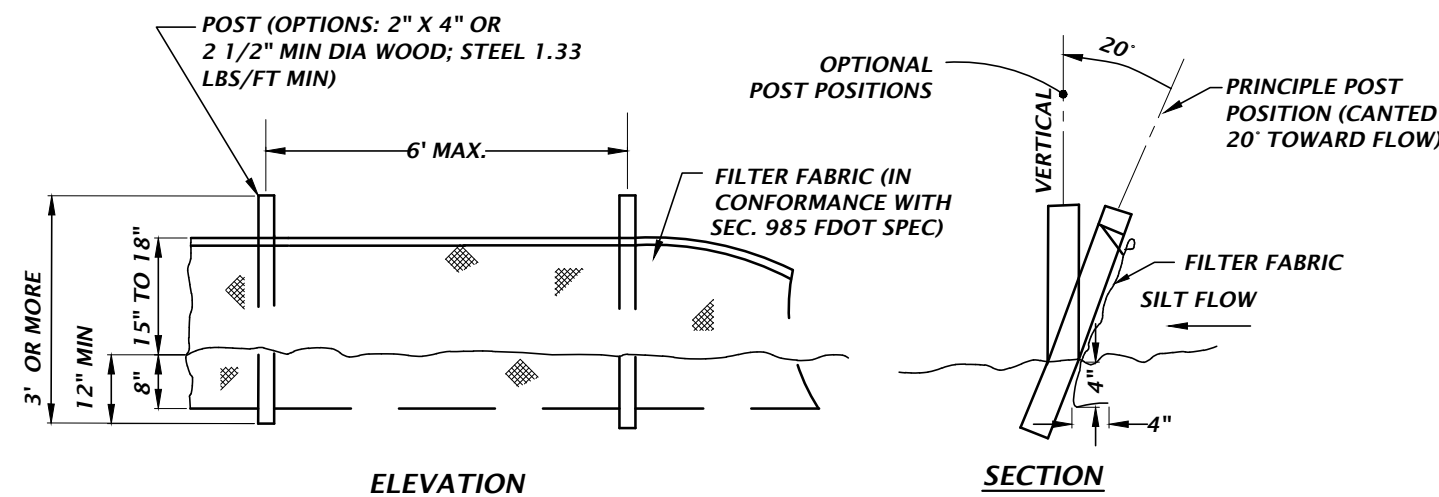
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C2.21



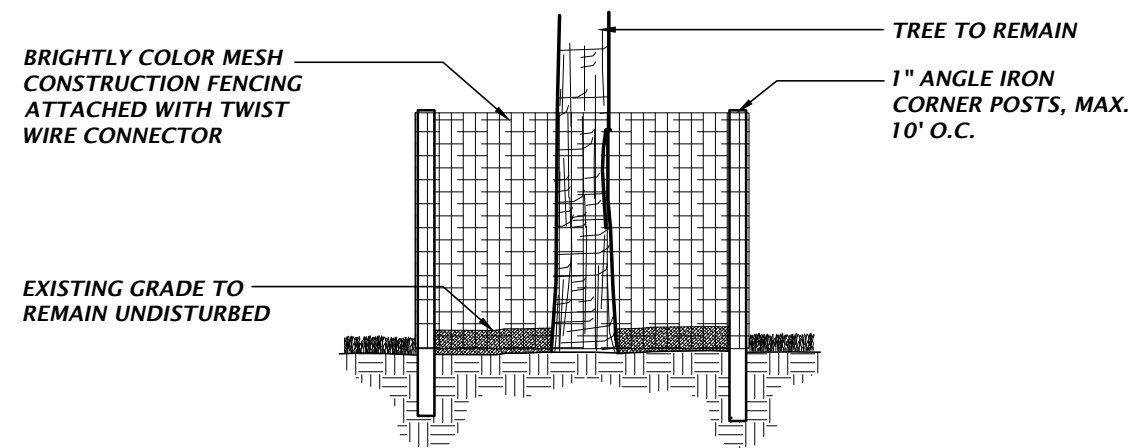
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NOT ADJACENT TO PAVEMENT

CONCRETE SIDEWALK DETAILS



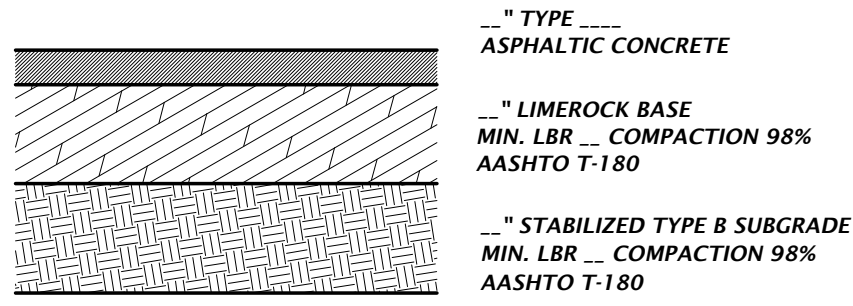
TYPE III SILT FENCE DETAIL



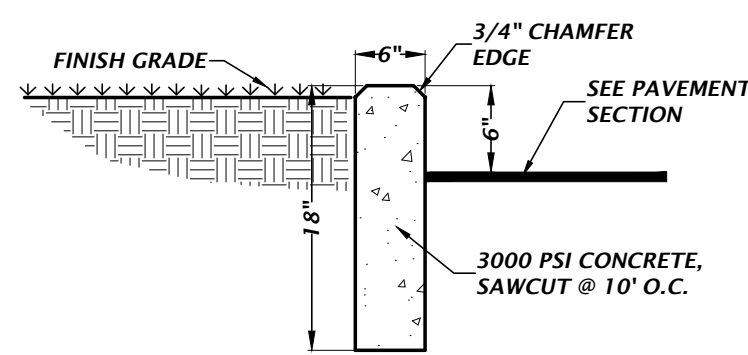
TREE PROTECTION DETAIL

TREE PROTECTION NOTES

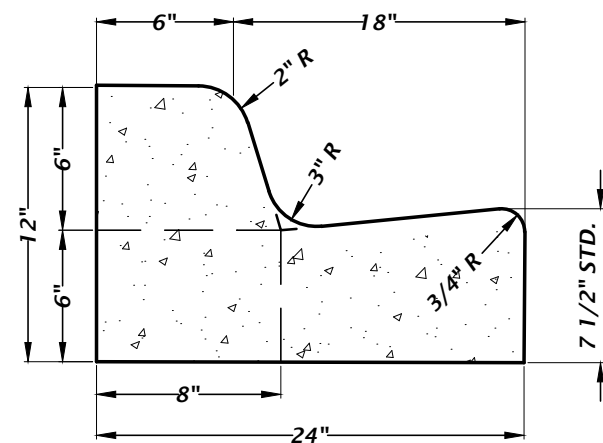
- 1) PROTECTIVE BARRIERS SHALL BE CONSTRUCTED, AS NECESSARY, TO PREVENT THE DESTRUCTION OR DAMAGING OF REGULATED TREES THAT ARE LOCATED WITHIN 50 FEET OF ANY CONSTRUCTION ACTIVITY OR STORAGE OF EQUIPMENT AND MATERIALS.
- 2) PROTECTIVE BARRIERS SHALL BE PLAINLY VISIBLE AND SHALL CREATE A CONTINUOUS BOUNDARY AROUND TREES OR VEGETATION CLUSTERS IN ORDER TO PREVENT ENCROACHMENT BY MACHINERY, VEHICLES OR STORED MATERIALS.
- 3) 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.
- 4) PROTECTIVE BARRIERS SHALL REMAIN IN PLACE AND INTACT UNTIL SUCH TIME AS LANDSCAPE OPERATIONS BEGIN.
- 5) 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.
- 6) NO BUILDING MATERIALS, MACHINERY OR HARMFUL CHEMICALS SHALL BE PLACED WITHIN PROTECTIVE BARRIERS.
- 7) 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.



TYPICAL ASPHALT PAVEMENT DETAIL



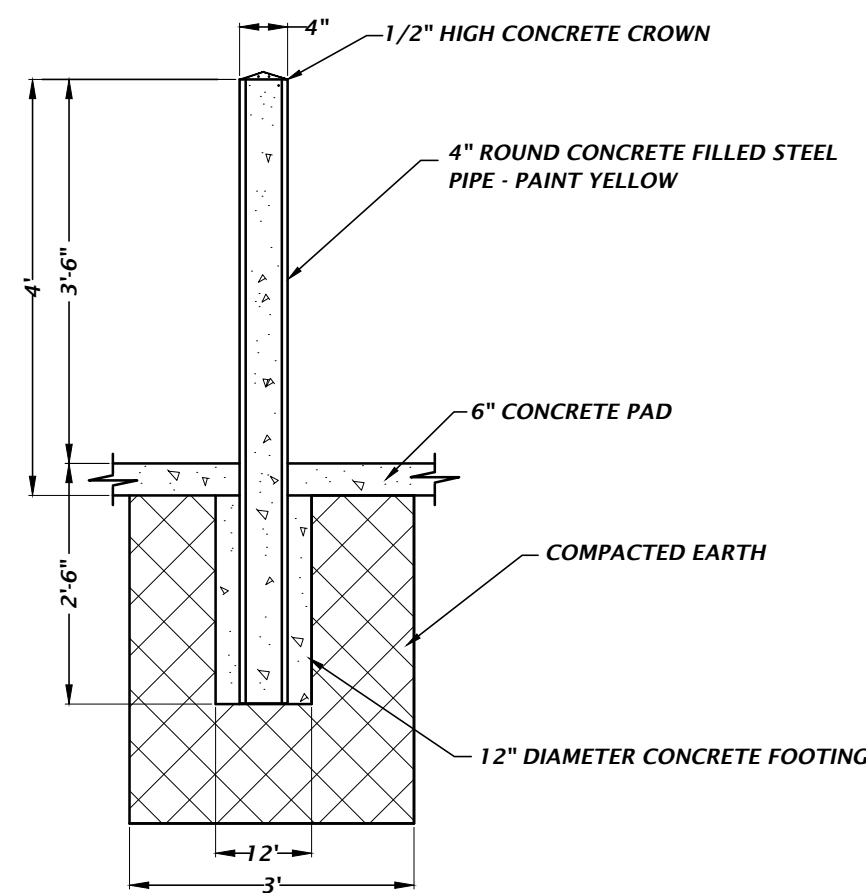
TYPICAL 6" CURB DETAIL



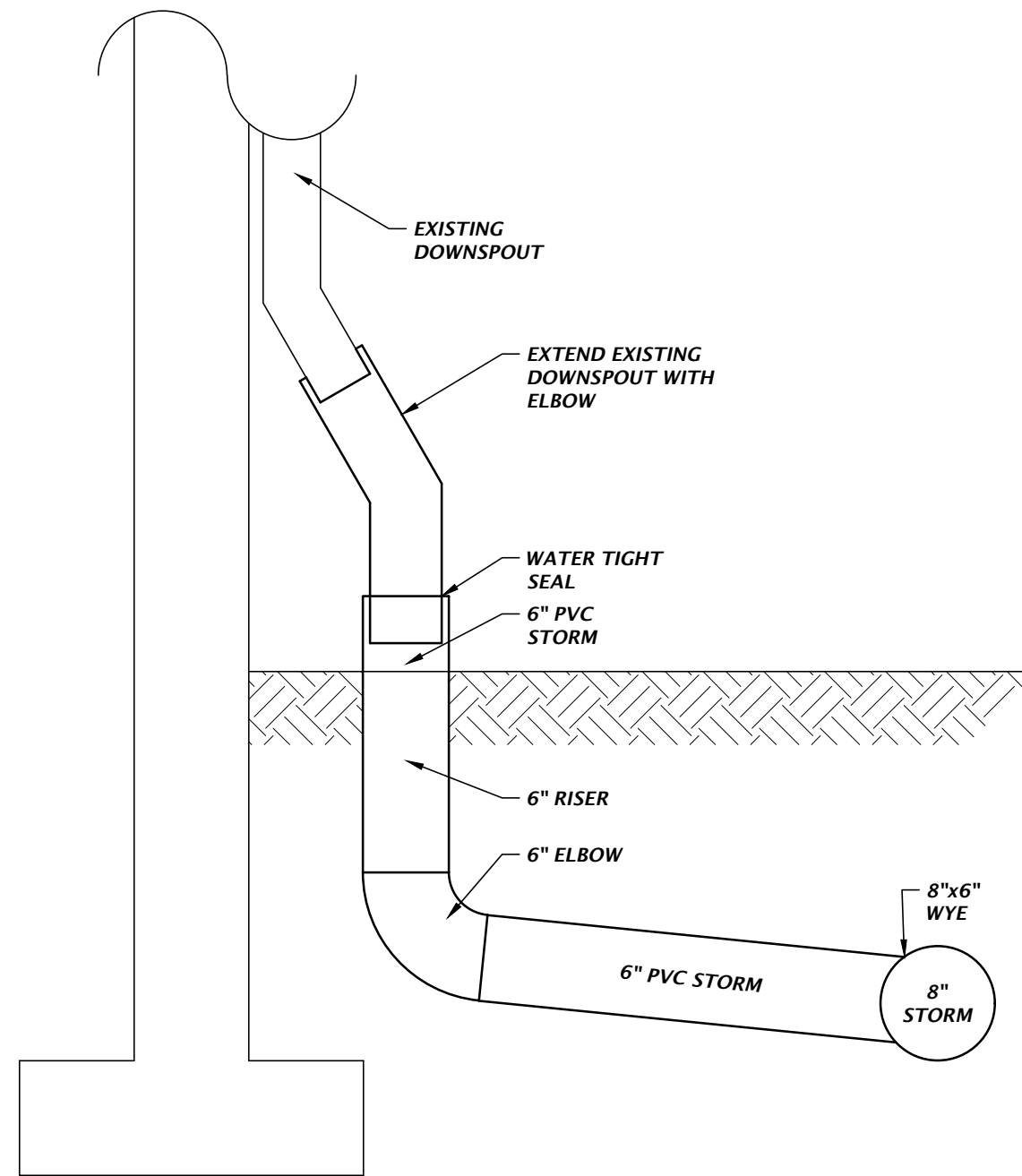
NOTE:

WHEN USED ON THE HIGH SIDE OF ROADWAY, THE CROSS-SLOPE OF THE GUTTER SHALL MATCH THE CROSS-SLOPE OF THE ADJACENT PAVEMENT AND THE THICKNESS OF THE LIP SHALL BE 1/2"

TYPE 'F' CONCRETE CURB AND GUTTER DETAIL



PIPE BOLLARD DETAIL



DOWNSPOUT CONNECTION DETAIL

Test: nullm Plot Date: Feb 27,2023 7:54pm Filename: N:\2023\22-0059\Department\A\01_Engineering\02_DWG\Production\Fla\22-0059_C2.30_D1_RadiantCU_LakeCity.dwg

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CA-5075

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VERTICAL SCALE
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SCALES ACCORDINGLY.

CONSTRUCTION DIVISIONS

DATE: 2/2/2023 - FIRST SUBMITTAL
2/15/2023 - 100% CDs
3/1/2023 - CONSTRUCTION DOCUMENTS

CLIENT: WALKER ARCHITECTS
PROJECT: RADIANT CREDIT UNION
LAKE CITY
SHEET TITLE: CONSTRUCTION DETAILS

DESIGNER: K. MERRITT
CHECKER: C. LEPORD
QUALITY CONTROL: T. HASTAY
PROJECT NUMBER: 22-0059

Travis J. Hastay
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A

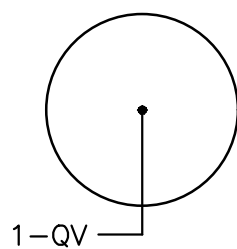
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C

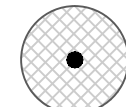
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File: H:\2023\22-0059\Department\03_Design\01_Permitting\22-0059_Design_Base.dwg
Tech: hector
Plot Date: Jan 20, 2023 6:38am

LEGEND



NEW TREES TO BE ADDED



EXISTING TREES TO REMAIN



**KNOW WHAT'S
BELOW
ALWAYS CALL 811
BEFORE YOU DIG**
It's fast, it's free, it's the law.
Call 811 two business days
before digging

GENERAL NOTES

ALL ASPHALT, LIMESTONE, AND CONSTRUCTION DEBRIS SHALL BE REMOVED FROM PLANTING BEDS AND SOD AREAS PRIOR TO LANDSCAPE INSTALLATION. IF ENCOUNTERED DURING CONSTRUCTION OR INSTALLATION, THESE SHALL BE EXCAVATED AND REMOVED FROM THE SITE. PLANTING DEPTH OF SOIL IN SUCH AREAS SHOULD BE AT LEAST 3". IF FILL MUST BE ADDED, IT MUST BE FLORIDA CLEAN DEEP FILL (FREE OF WEED SEEDS) WITH pH 6.0 - 7.5.

ALL LANDSCAPED AREAS SHALL BE MULCHED WITH 3" THICKNESS OF MULCH. PINE BARK MULCH SHALL BE USED IN ALL AREAS, EXCEPT RETENTION AREAS. PINE STRAW MULCH SHALL BE USED IN RETENTION AREAS.

NEW TREES OUTSIDE OF MULCHED LANDSCAPED BEDS WILL BE PROTECTED FROM MOWER AND STRING TRIMMER DAMAGE WITH 10" OF PLASTIC DRAIN TUBING.

LEADER SHOOTS AND MAIN STRUCTURAL LIMBS OF TREES SHALL NOT BE TOPPED OR PRUNED. TREES WILL BE STAKED AS NEEDED. GUYLINES WILL BE OF NON-SYNTHETIC BIODEGRADABLE MATERIAL.

REFER TO CIVIL PLANS FOR TREE BARRICADE DETAILS AND INFORMATION.

GRASSING

ALL DISTURBED AND UNPAVED AREAS TO BE GRASSED WITH SOD THAT IS FREE OF NOXIOUS WEEDS INCLUDING TROPICAL SODA APPLE OR SHALL BE SEEDED AND MULCHED. SEE CIVIL SITE PLANS FOR ADDITIONAL RELATED INFORMATION.

PLANT MATERIAL

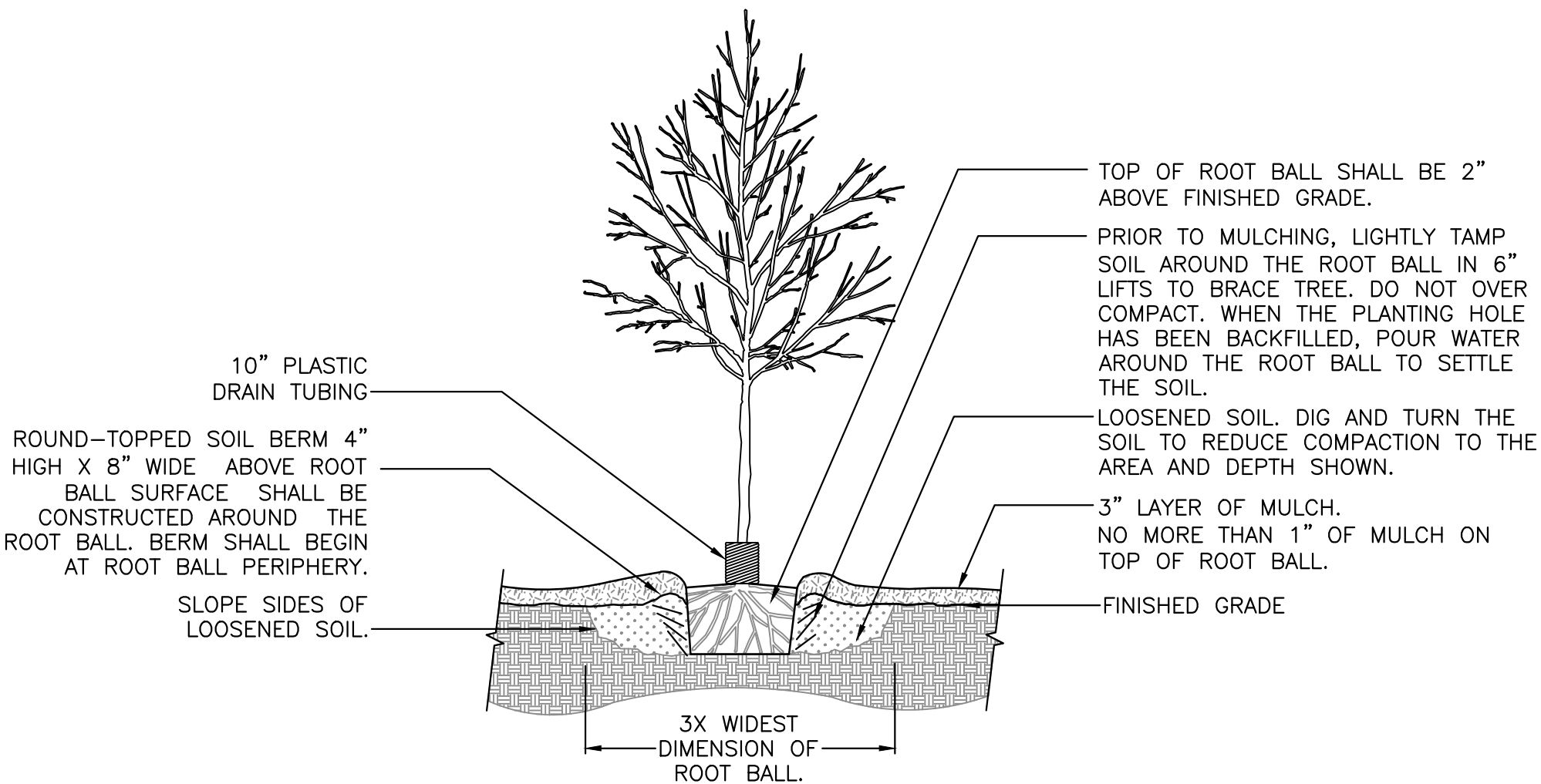
ALL PLANT MATERIAL TO BE FLORIDA NO.1 OR BETTER, GRADED IN ACCORDANCE WITH THE STATE OF FLORIDA DEPARTMENT OF AGRICULTURE, DIVISION OF PLANT INDUSTRY'S 'GRADES AND STANDARDS FOR NURSERY PLANTS', CURRENT EDITION AT THE TIME PLANS ARE ISSUED. CALL THE LANDSCAPE ARCHITECT PRIOR TO PURCHASING ANY PLANT MATERIAL FOR AN ON SITE INSPECTION AND REVIEW OF LANDSCAPE PLAN.

PLANT QUANTITIES SHOWN ARE FOR PERMITTING PURPOSES ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM ALL QUANTITIES SHOWN ON THE PLAN.

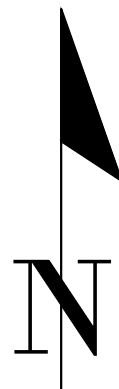
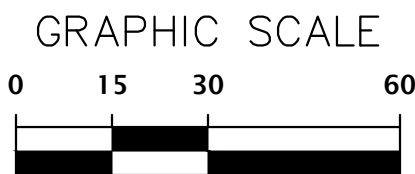
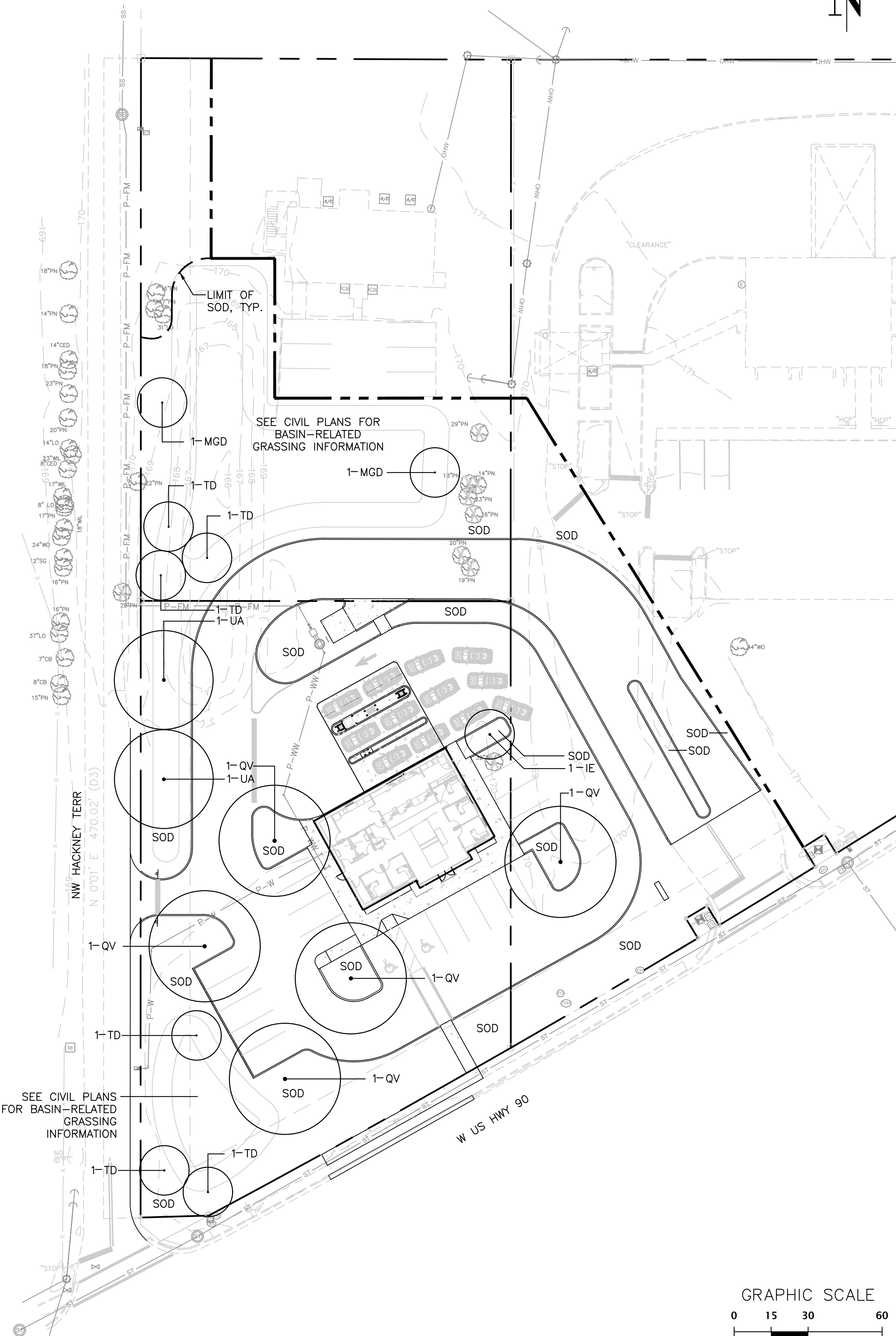
PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE
IE	1	ILEX X ATTENUATA 'EAGLESTON'	EAGLESTON HOLLY	30 GAL, 11' HT, 3' SPR, 2" CAL
MGD	1	MAGNOLIA GRANDIFLORA 'DD BLANCHARD'	DD BLANCHARD MAGNOLIA	30 GAL, 12' HT, 42" SPR, 2" CAL
QV	5	QUERCUS VIRGINIANA 'BOARDWALK'	BOARDWALK LIVE OAK	30 GAL, 12' HT, 54" SPR, 2" CAL
TD	7	TAXODIUM DISTICHUM	BALD CYPRESS	30 GAL, 12' HT, 42" SPR, 2" CAL
UA	2	ULMUS ALATA	WINGED ELM	30 GAL, 10' HT, 4' SPR, 2" CAL
SOD/SEED		BOTANICAL NAME	COMMON NAME	SIZE
SOD		PASPALLUM NOTATUM 'ARGENTINE'	BAHIA GRASS	WEED FREE AND SAND GROWN SOD

TREE MITIGATION CALCULATIONS Sec. 30-254(c)(4)	
CATEGORY	MITIGATION CALCULATIONS
2:1 REPLACEMENT	TOTAL TREES TO BE MITIGATED AT 2:1 REPLACEMENT..... 8 TREES TOTAL TREES REQUIRED FOR MITIGATION @ 2:1 REPLACEMENT..... 16 TREES TOTAL INCHES REQUIRED @ 2"/TREE..... 32"
TOTAL TREE MITIGATION	TOTAL MITIGATION INCHES REQUIRED..... 32" TOTAL MITIGATION PROVIDED..... 32" 16 TREES FOR A TOTAL OF 32" TOTAL MITIGATION INCHES DEFICIT..... 0" TOTAL MITIGATION TREES REQUIRED @ 2"/TREE..... 0 TREES



1 TREE PLANTING DETAIL
SCALE: N.T.S.



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(352) 331-1976
www.chw-inc.com
est. 1988
FLORIDA
LA000683

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SCALE: 1"=30'
VERIFY SCALE ON
BASIS OF SCALE ON
ORIGINAL DRAWING
0 15 30 60
DO NOT USE MEASUREMENT
THIS SHEET, ADJUST
SCALES ACCORDINGLY.

STATUS: 230120.SUBMITTAL TO LAKE CITY, LAKE CITY UTILITIES, FOOT

CLIENT: WALKER ARCHITECTS
PROJECT: RADIANT CREDIT UNION LAKE CITY

DESIGNER: L. ROSARIO
QUALITY CONTROL: C. TOLAR
PROJECT NUMBER: 22-0059
SHEET TITLE: LANDSCAPE SCHEDULE, DETAILS, AND PLAN

SHEET NO.: LS-1

FLOOR PLAN SHEET NOTES

1. XXXXXXXX

KEYNOTE LEGEND

ROOM SCHEDULE	
ROOM NAME	NET AREA
BREAK ROOM	190 SF
COPIER	72 SF
CORRIDOR	168 SF
ELECT / IT	66 SF
JANITOR	46 SF
LOUNGE	675 SF
OFFICE 1	100 SF
OFFICE 2	100 SF
OFFICE 3	100 SF
OFFICE 4	107 SF
OFFICE 5	100 SF
RESTROOM	62 SF
RESTROOM	62 SF
TELLER WORK AREA	116 SF
TELLERS	295 SF
Grand total: 15	2,258 SF



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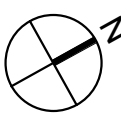
SUBMITTAL: ISSUE DATE:
CONSTRUCTION DOCUMENTS 09/09/2022

REVISION DESCRIPTION DATE

NOT FOR
CONSTRUCTION

1659 W US HIGHWAY 90
LAKE CITY, FL 32055

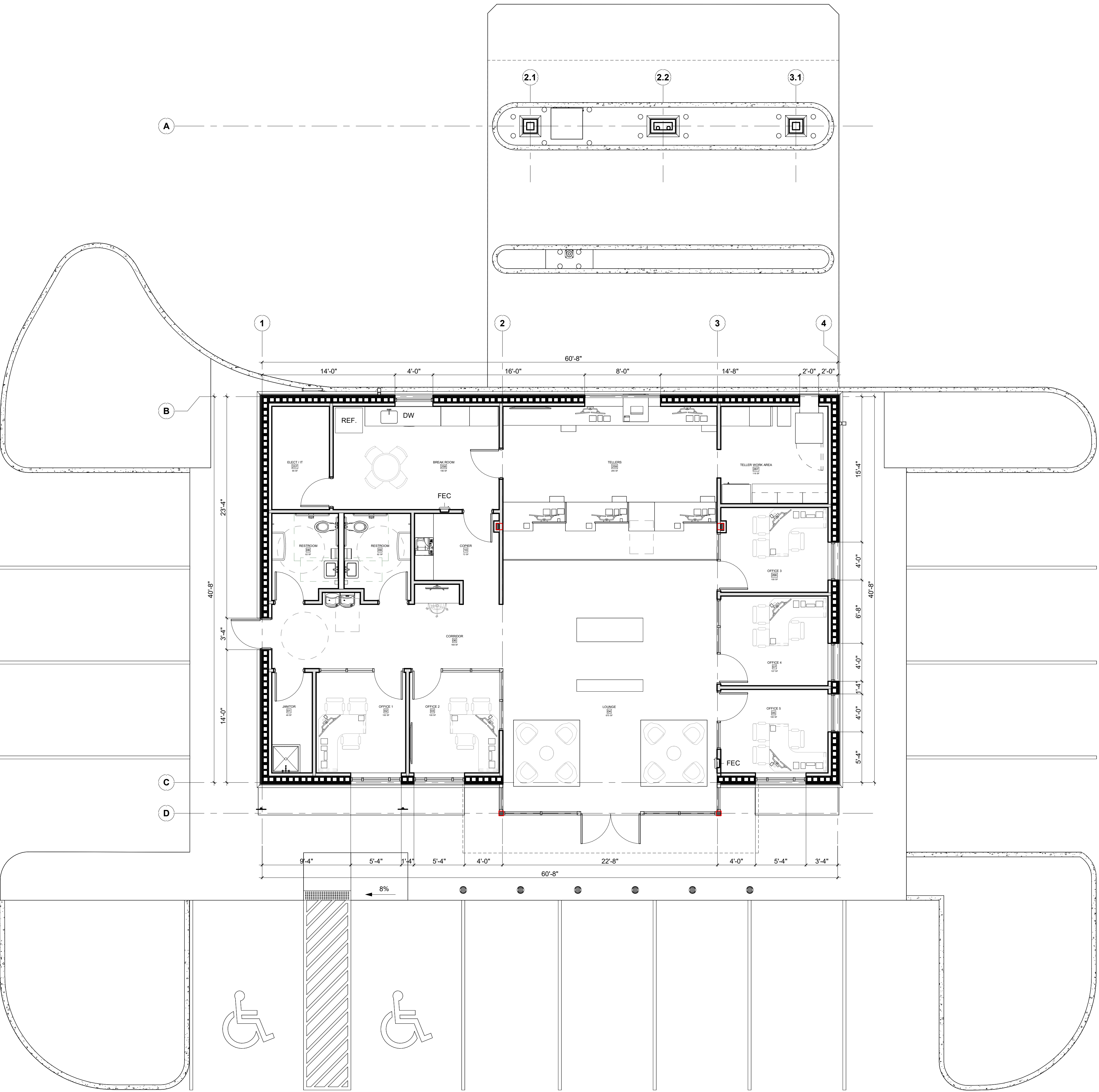
KEY PLAN



DRAWING TITLE:

LEVEL 1 FLOOR PLAN

PROJECT NO.: WA20056 DRAWN BY: AI
CHECKED BY: JW



1 LEVEL 1 FLOOR PLAN
3/16" = 1'-0"

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