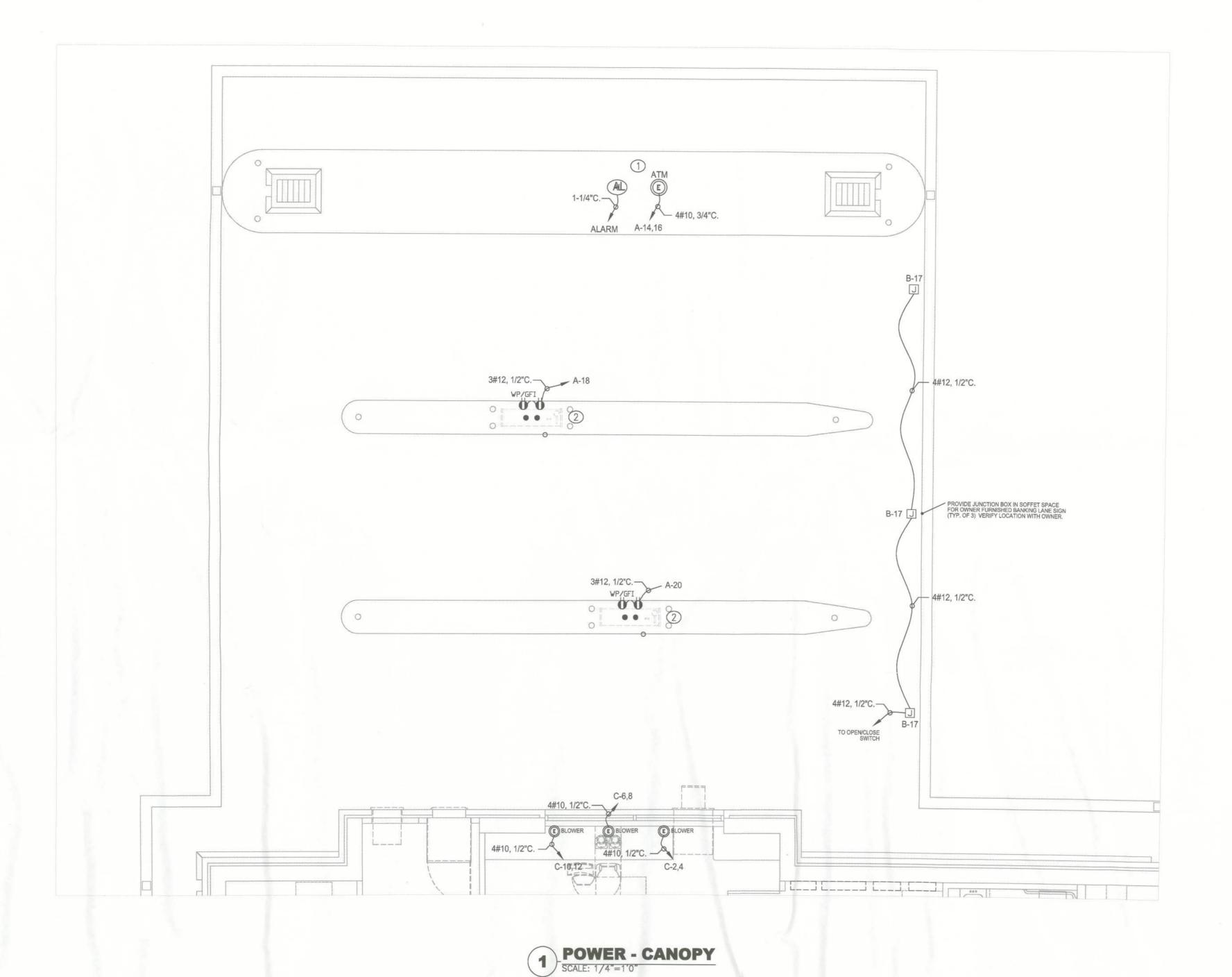
## **GENERAL NOTES**

**PLAN NOTES** 

2 INSTALLED OVERHEAD.

1) FUTURE, INSTALLED OVERHEAD.

COORDINATE COMMUNICATION AND POWER REQUIREMENTS WITH OWNER.





REV DATE REVISION NOTES

TITLE: CAMPUS USA CREDIT UNION LAKE CITY BRANCH - BANKING LANE POWER PLAN DRAWN BY: DATE: CHK BY: MM

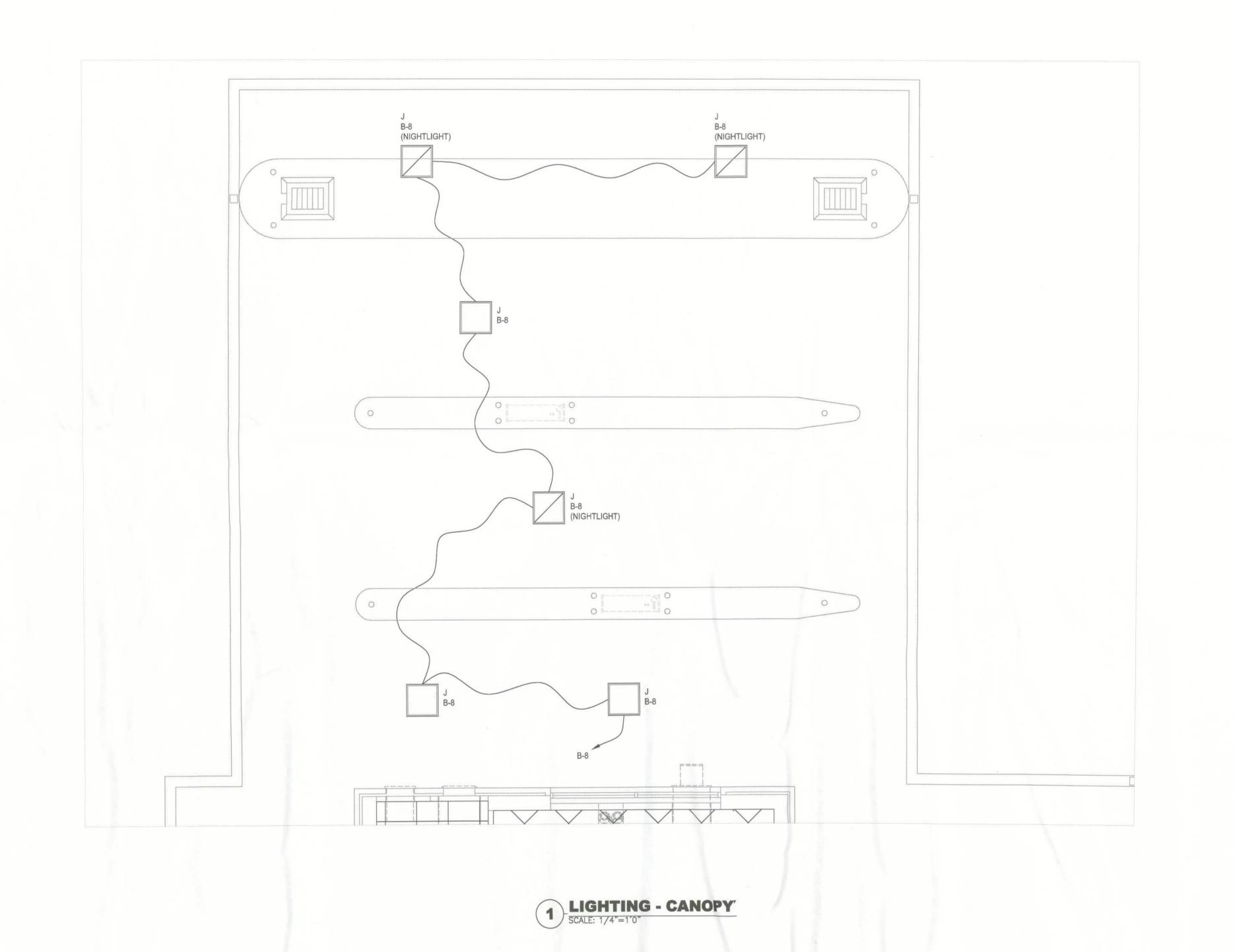
PROPRIETARY AND CONFIDENTIAL PROJECT CODE: CUSA

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MM 05/08/13 8 of 11

E: DEPARTMENT: DWG, ENGINEERING VINTAGE ELECTRIC INC. STATE CERTIFICATION 2421 NW 71ST PL. EC 1198 GAINESVILLE, FL 32618 PHONE: 352.371.8021 FAX: 352.371.8084

AS NOTED





PLAN NORTH SCALE 1/4"=1'0"

TITLE: CAMPUS USA CREDIT UNION LAKE CITY BRANCH - BANKING LANE LIGHTING PLAN

DRAWN BY: DATE: CHK BY: DATE: SHT:

SM 05/07/13 MM 05/08/13 9 of 11 AS NOTED

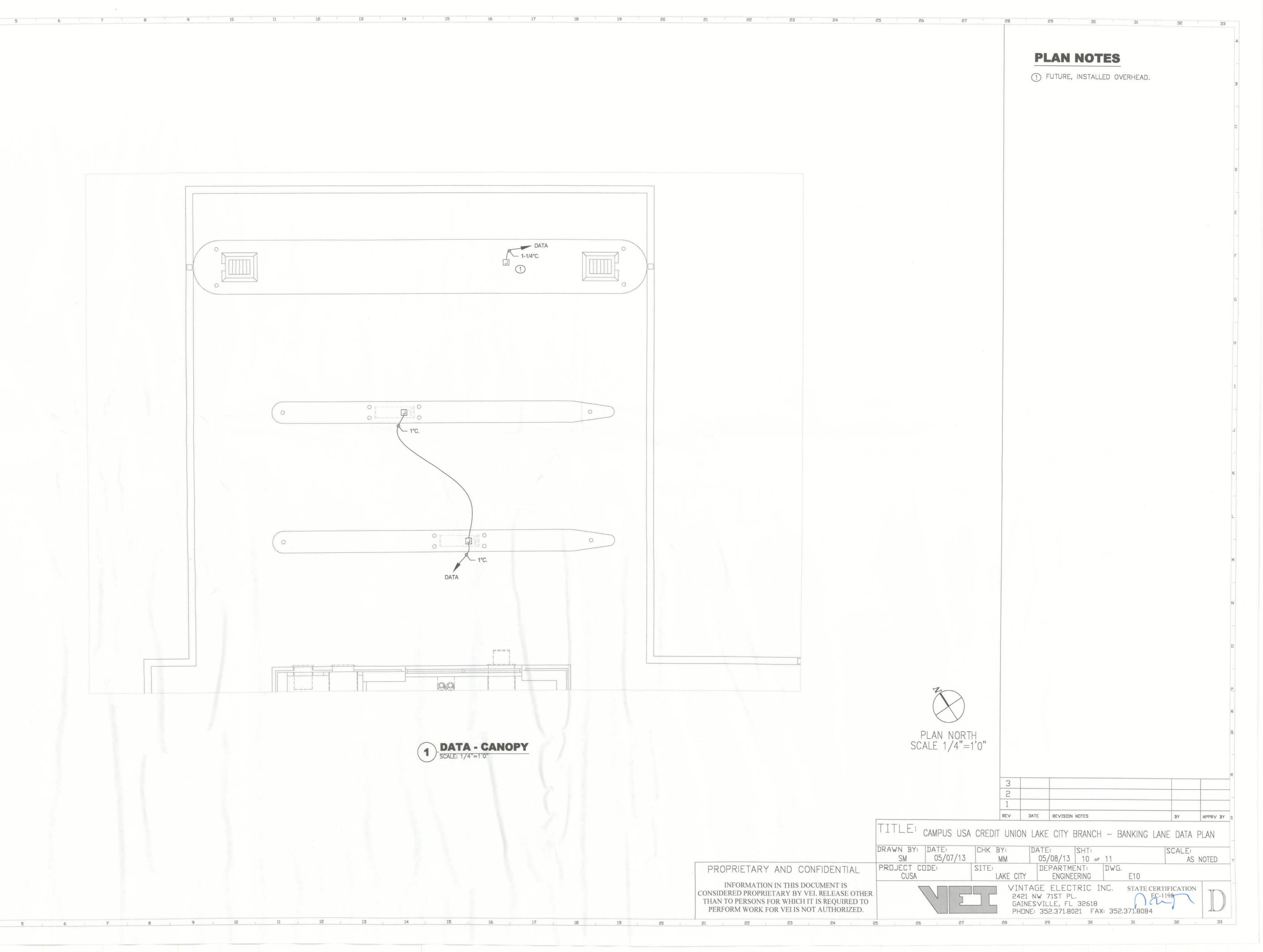
PROJECT CODE: SITE: DEPARTMENT: DWG.

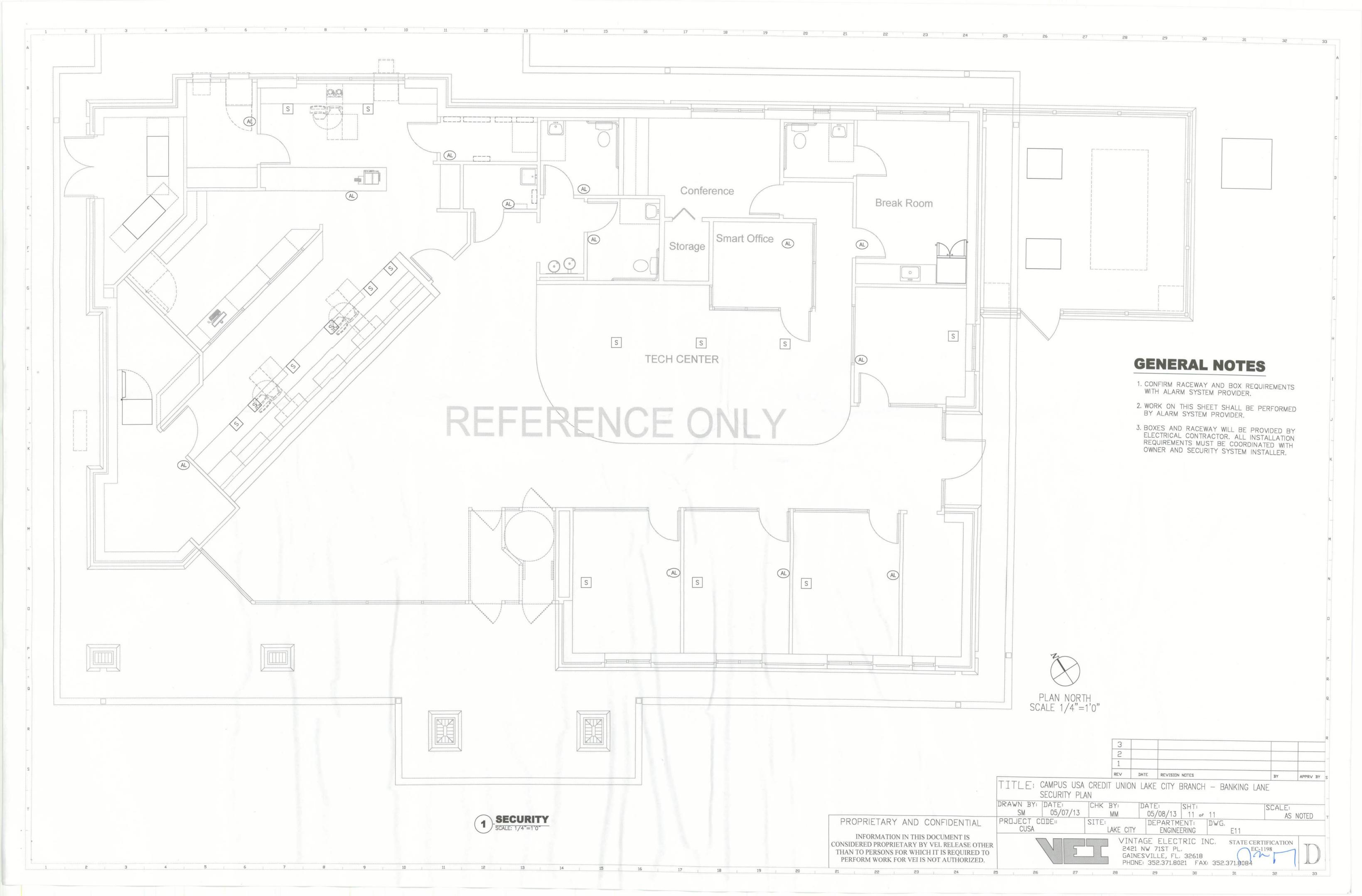
CUSA LAKE CITY ENGINEERING E09

VINTAGE ELECTRIC INC. STATE CERTIFICATION
2421 NW 71ST PL.
GAINESVILLE, FL 32618
PHONE: 352.371.8021 FAX: 352.371.8084

PROPRIETARY AND CONFIDENTIAL

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## SITE PLAN

# CAMPUS USA CREDIT UNION

COLUMBIA COUNTY, FLORIDA

**SUBMITTED TO** 

## LAKE CITY COLUMBIA COUNTY SUWANNEE RIVER WATER MANAGEMENT DISTRICT FLORIDA DEPARTMENT OF TRANSPORTATION FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## **DEVELOPMENT DATA**

	ON-SITE			
DEVELOPMENT AREA:	90,473 S.F.	±2.07 AC		
BUILDING AREA	4,795 S.F.	5.3% 43.6%		
ROADS/CURB/CONCRETE:	39,478 S.F.			
SMF	9,937 S.F.	11.0%		
IMPERVIOUS AREA:	44,273 S.F.	48.9% 51.1%		
OPEN SPACE:	46,200 S.F.			
PARKING SPACES:	52			
TAX PARCEL NO: 31-3S-17- 31-3S-17-06220-000	06219-000, 31-35	S-17-06219-001		

STORMWATER MANAGEMENT FACILITIES, AND UTILITIES.

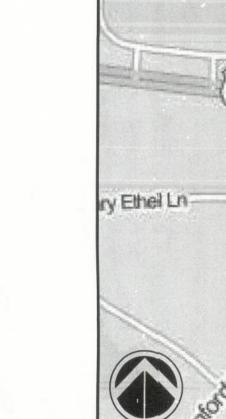
3. NO. OF EMPLOYEES: < 10

## **INDEX**

C0.00	COVER SHEET AND INDEX		
1 OF 1	BOUNDARY SURVEY		
C0.10	GENERAL NOTES		
C0.11	LEGEND		
C0.20	STORMWATER POLLUTION PREVENTION NOTES		
C0.21	STORMWATER POLLUTION PREVENTION PLAN		
C0.30	DEMOLITION PLAN		
C1.10	DETAILED HORIZONTAL CONTROL AND SITE PLAN		
C1.20	ACCESSIBILITY SITE PLAN		
C2.10	DETAILED GRADING AND DRAINAGE PLAN		
C2.30-C2.31	COINSTRUCTION DETAILS		
C3.10-C3.11	DETAILED UTILITY PLAN		
C3.20	UTILITY DETAILS		
LS-1	LANDSCAPE PLAN		

LEGAL DESCRIPTION: SEE SURVEY





PARKING REQUIREMENT: 1 SPACE PER 150 SF OF BUILDING

PARKING REQUIRED: 4,795 SF / 150 = 32 SPACES

PARKING PROVIDED: 52 SPACES

HANDICAP PARKING REQUIRED: 2 SPACES

HANDICAP PARKING PROVIDED: 3 SPACES

PROJECT SITE SW Grouse Pl

**LOCATION MAP** 

SW Grandview St.

## DEVELOPER/OWNER

## SURVEYOR OF RECORD

## ENGINEER OF RECORD

DANIEL H. YOUNG, P.E. FL. PE NO. 70780 CAUSSEAUX, HEWETT, & WALPOLE, INC.

## LANDSCAPE

GAINESVILLE, FL 32606

VICINITY MAP

Lake City

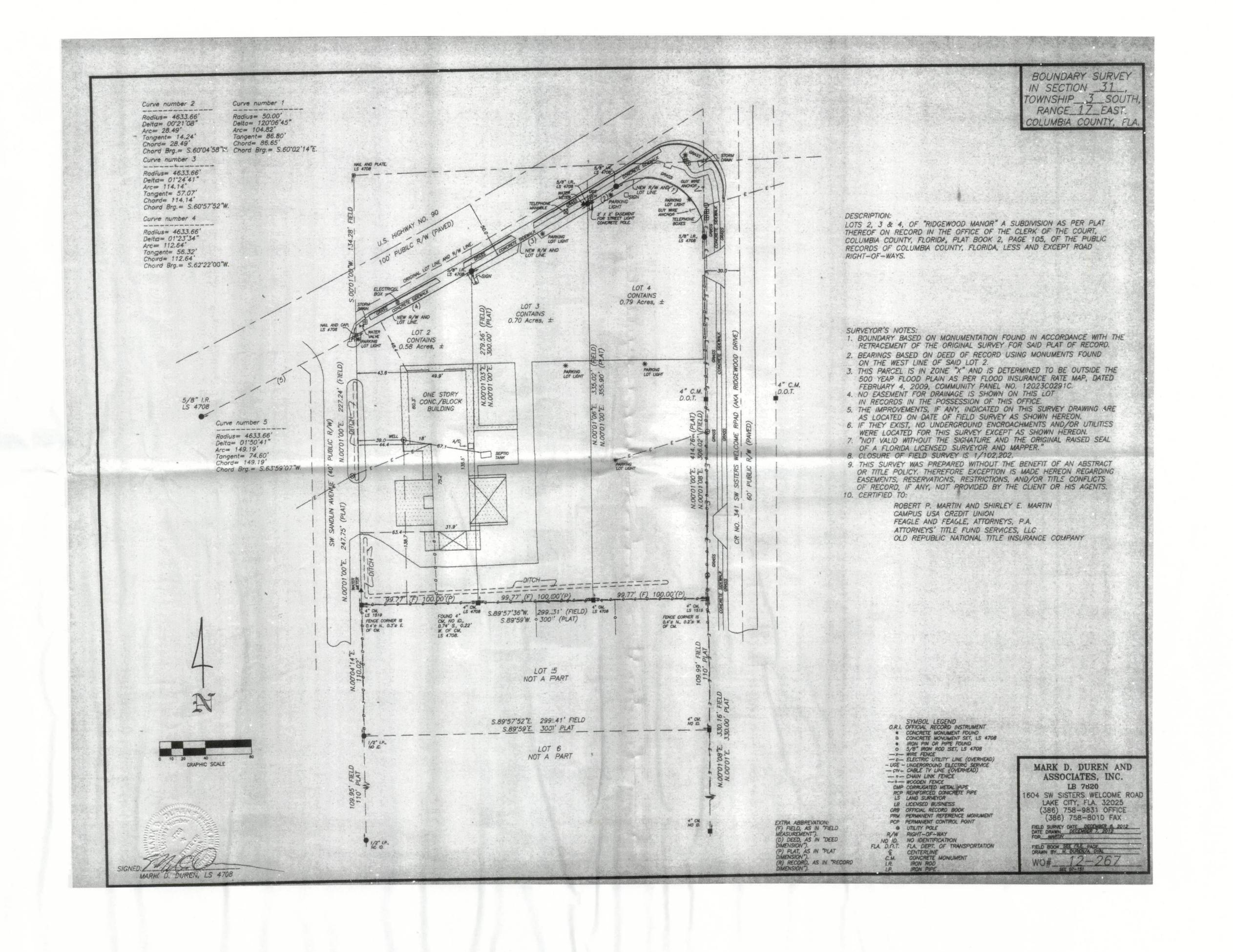
SE Baya Dr.

**FOR** 

SECTION 31, TOWNSHIP 3 SOUTH, RANGE 17 EAST

1. INTENDED USE: 4,745 SF FINANCIAL INSTITUTION WITH ASSOCIATED PARKING,

2. NUMBER OF STORIES: 1 PROPOSED



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 EXTRACOMPENSATION 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. REPAIR AND REPLACEMENT OF 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 ORDINANICES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK INCLUDING LANDSCAPING.

8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PEIRMIT 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 FDOT INDEX No. 102 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 PROTECTION 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, SEEDED, 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.

RECORD.

20. THE GOVERNING STANDARDS AND SPECIFICATIONS, UNLESS STATED OTHERWISE SHALL BE PER FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS DATED 2013, AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2013, 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 DISABILITY'S ACT.

25. A PRE-CONSTRUCTION CONFERENCE SHALL BE REQUIRED. THE CONTRACTIOR, 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

27. 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 DESIGN STANDARDS 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.

#### **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 D'AMAGE 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 FDOT INDEX NUMBER 102 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, BACIKFILLED 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.

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 BIE 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.

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 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 COILUMBIA 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 FOOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. SEE FOOT INDEX NO. 500 AND 505.

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 FÆATURES:

A. THE LANDING SHALL BE AT LEAST AS WIDE AS THIE 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 STHOWN 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 #14 UNDER SITE GENERAL NOTES.

13. ALL CONCRETE USED SHALL BE 2,500 PSI MINIMUIM.

14. ALL WELLS, CLEANOUTS, MANHOLE TOPS, PULL BIOX 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 MATCHI 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 NO. 281. 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 I SURFACE FINISH.

19. ALL HDPE FITTINGS AND CONNECTORS SHALL BE SOIL TIGHT. SEE SPECIFICATIONS FOR MORE INFORMATION.

## 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. 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, 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 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 CONSTRACTOR 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 CLEANOUT SPACING OF 75 FEET ON—CENTER AND MINIMUM SLOPE FOR 6" LATERALS SHALL BE 0.6% AND A MINIMUM CLEANOUT 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 (2013 ENGLISH).

B. FDOT DESIGN STANDARDS INDEX (2013 ENGLISH)
C. FDOT PLANS PREP MANUAL (REVISED JANUARY 2012)

D. FOOT 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 THAT 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 RESTORED TO ORIGINAL OR BETTER CONDITION BY GRADING AND SODDING THE AREA DISTURBED (BERMUDA IN RURAL, CENTIPEDE IN UTILITY STRIPS).

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VERIFY SCALE

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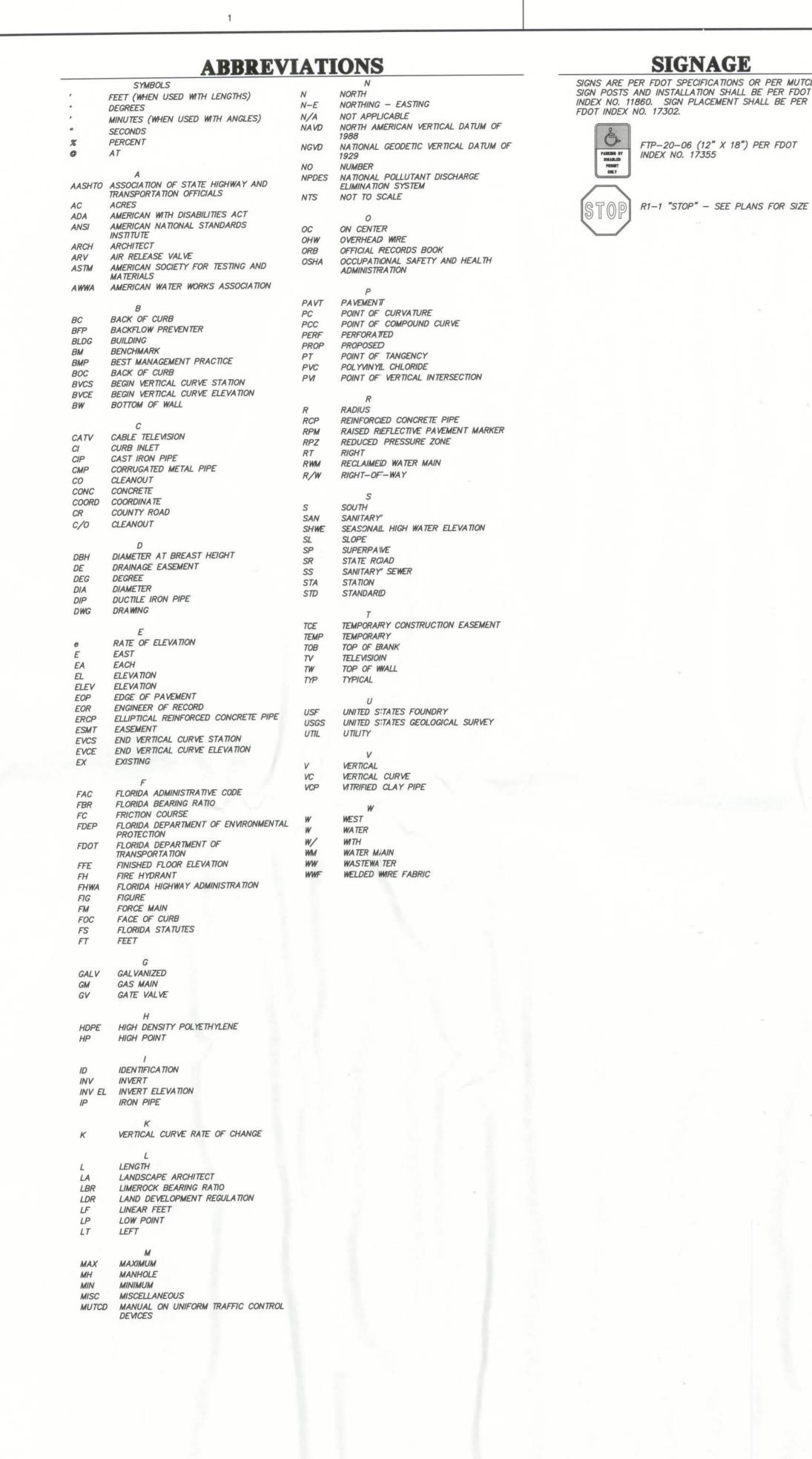
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SMITTAL TO COLUMBIA COUNTY,
TY & FDOT

US USA CREDIT UNION
LAKE CITY
GENERAL NOTES

T.F. COWART
DESIGNER:
THE D.H. YOUNG, P.E.
THE QUALITY CONTROL:
A.S. ROBERTS, P.E.
SHEE

FL PE No. 70780
SHEET NO.:



**SIGNAGE** 

SIGNS ARE PER FDOT SPECIFICATIONS OR PER MUTCD.

INDEX NO. 17355

FTP-20-06 (12" X 18") PER FDOT

R1-1 "STOP" - SEE PLANS FOR SIZE

SITE INFORMATION ----- EX. PROPERTY LINE ---- LANDSCAPE BUFFER LINE — BUILDING SETBACK LINE · --- WETLAND LIMITS LINE --- WETLAND SETBACK LINE N-E LOCATION TOP/RIM ELEV. LOCATION ---- CENTER LINE N-E LOCATION TOP/GRATE ELEV. LOCATION --- --- EASEMENT LINE N-E LOCATION ----- RIGHT-OF-WAY LINE TOP/GRATE ELEV. LOCATION TOP ELEV. LOCATION ---- TB ----- TB ---- TREE BARRICADE LINE EX. STRUCTURE OR BUILDING TOP ELEV. LOCATION PROPOSED BUILDING PROPOSED ASPHALTIC PAVEMENT PROPOSED CONCRETE PAVEMENT PROPOSED DETECTABLE WARNING SURFACE TOP ELEV. LOCATION DIRECTIONAL TRAFFIC ARROW PER FDOT INDEX NO. TOP ELEV. LOCATION WATERSHED DIVIDE N-E LOCATION TOP/GRATE ELEV. LOCATION - EX. ELEVATION CONTOUR N-E LOCATION PROPOSED CONTOUR TOP/GRATE ELEV. LOCATION 93.2× EX. SPOT ELEVATION 93.23 → PROPOSED SPOT ELEVATION DIRECTION OF SURFACE DRAINAGE FLOW PROPOSED SWALE LINE N-E LOCATION — x — x — EX. FENCE TOP/GRATE ELEV. LOCATION —O—O—O—PROPOSED FENCE N-E LOCATION 12" PINE EX. TREE (SIZE & TYPE) TOP/GRATE ELEV. LOCATION 1:234 EX. TREE (TREE ID) N-E LOCATION 12" PINE EX. TREE TO BE REMOVED (SIZE & TYPE) TOP/GRATE ELEV. LOCATION 1234 EX. TREE TO BE REMOVED (TREE ID) PROJECT BENCHMARK N-E LOCATION N-E LOCATION TOP/GRATE ELEV. LOCATION PIPE INV. LOCATION -N-E LOCATION PIPE INV. ELEV. LOCATION PIPE INV. ELEV. LOCATION

**STORMWATER** WASTEWATER THE PROPOSED STORMWATER STRUCTURES DEPICTED BELOW ARE DRAWN PER ---- WW ----- WW ---- EX. GRAVITY WASTEWATER MAIN FDOT SPECIFICATIONS AND TO SCALE WHEN SHOWN ON THE PLAN SHEETS. P-WW PROPOSED GRAVITY WASTEWATER MAIN (PIPE LENGTHS ST ST EX. GRAVITY STORMWATER MAIN ARE FROM N-E LOCATION OF A STRUCTURE TO N-E P-ST PROPOSED GRAVITY STORMWATER MAIN (PIPE LENGTHS LOCATION OF A STRUCTURE) ARE FROM N-E LOCATION OF A STRUCTURE TO N-E LOCATION OF A STRUCTURE) FM FM EX. WASTEWATER FORCE MAIN (ST) EX. STORMWATER MANHOLE P-FM PROPOSED WASTEWATER FORCE MAIN PROPOSED 48" DIA. STORMWATER MANHOLE PER FDOT S EX. WASTEWATER MANHOLE INDEX. NO. 2001 AND 201 PROPOSED WASTEWATER MANHOLE PROPOSED CIRCULAR AREA DRAIN **⊗** EX. WASTEWATER CLEANOUT PROPOSED SQUARE AREA DRAIN PROPOSED WASTEWATER CLEANOUT PROPOSED TYPE 1 CURB INLET TOP PER FDOT INDEX - PROPOSED WASTEWATER GREASE TRAP NO. 210 (SEE PLANS FOR BOTTOM SPECIFICATION) MH# PROPOSED WASTEWATER MANHOLE ID 11.25° BEND W/ MECHANICALLY RESTRAINED PROPOSED TYPE 2 CURB INLET TOP PER FDOT INDEX NO. 210 (SEE PLANS FOR BOTTOM SPECIFICATION) JOINTS (WW FORCE MAIN) 22.5° BEND W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN) PROPOSED TYPE 3 CURB INLET TOP PER FDOT INDEX NO. 210 (SEE PLANS FOR BOTTOM SPECIFICATION) 45° BEND W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN) PROPOSED TYPE 4 CURB INLET TOP PER FDOT INDEX L 90° BEND W/ MECHANICALLY RESTRAINED NO. 210 (SEE PLANS FOR BOTTOM SPECIFICATION) JOINTS (WW FORCE MAIN) WYE W/ MECHANICALLY RESTRAINED PROPOSED TYPE 5 CURB INLET TOP PER FDOT INDEX JOINTS (WW FORCE MAIN) NO. 211 (SEE PLANS FOR BOTTOM SPECIFICATION) MEX. PLUG VALVE AND BOX (WW FORCE MAIN) PROPOSED TYPE 6 CURB INLET TOP PER FDOT INDEX ► PROPOSED PLUG VALVE AND BOX (WW FORCE MAIN) NO. 211 (SEE PLANS FOR BOTTOM SPECIFICATION) ⊕ EX. AIR RELEASE VALVE (WW FORCE MAIN) PROPOSED TYPE 9 CURB INLET TOP PER FDOT INDEX ○ PROPOSED AIR RELEASE VALVE (WW FORCE MAIN) NO. 214 (SEE PLANS FOR BOTTOM SPECIFICATION) **MISCELLANEOUS UTILITIES** PROPOSED TYPE 'C' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 232 (SEE PLANS FOR GRATE MATERIAL THE PROPOSED UTILITIES BELOW ARE DESIGN BY OTHERS AND ARE DEPICTED AND BOTTOM SPECIFICATION) FOR COORDINATION PURPOSES ONLY. REFER TO PLANS BY OTHERS FOR EXACT LOCATIONS, DIMENSION, AND DETAILS. TOP/GRATE ELEV. LOCATION PROPOSED TYPE 'D' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 232 (SEE PLANS FOR GRATE MATERIAL P-ATT PROPOSED AT&T LINE AND BOTTOM SPECIFICATION) BC BC EX. BURIED CABLE LINE PROPOSED TYPE 'E' DITCH BOTTOM INLET TOP PER P-BC PROPOSED BURIED CABLE LINE FDOT INDEX NO. 232 (SEE PLANS FOR GRATE MATERIAL BTEL EX. BURIED TELEPHONE LINE AND BOTTOM SPECIFICATION) P-TEL PROPOSED TELEPHONE LINE PROPOSED TYPE 'F' DITCH BOTTOM INLET TOP WITH STEEL GRATE PER FDOT INDEX NO. 233 (SEE PLANS CATV — EX. CABLE TELEVISION LINE FOR BOTTOM SPECIFICATION) P-TV PROPOSED CABLE/TELEVISION LINE PROPOSED TYPE 'G' DITCH BOTTOM INLET TOP WITH FO FO FO EX. FIBER OPTIC LINE STEEL GRATE PER FDOT INDEX NO. 233 (SEE PLANS FOR BOTTOM SPECIFICATION) UGTEL — EX. UNDERGROUND TELEPHONE LINE TOP/GRATE ELEV. LOCATION PROPOSED TYPE 'H' DITCH BOTTOM INLET TOP PER te EX. TELEPHONE PEDESTAL FDOT INDEX NO. 232 (SEE PLANS FOR GRATE MATERIAL M EX. TELEVISION/CABLE PEDESTAL AND BOTTOM SPECIFICATION) --- CHW --- CHW --- EX. CHILLED WATER MAIN PROPOSED TYPE 'J' DITCH BOTTOM INLET TOP WITH STEEL GRATE PER FDOT INDEX NO. 234 (SEE PLANS P-CHW PROPOSED CHILLED WATER MAIN FOR BOTTOM SPECIFICATION) FIRE EX. FIRE MAIN PROPOSED U-TYPE CONCRETE ENDWALLS WITH GRATES P-FIRE PROPOSED FIRE MAIN PER FDOT INDEX NO. 260 (SEE PLANS FOR SIZE) --- IRR --- IRR --- EX. IRRIGATION LINE PROPOSED FLARED END SECTION PER FDOT INDEX NO. P-IRR PROPOSED IRRIGATION LINE 270 (SEE PLANS FOR SIZE) STEAM EX. STEAM LINE P-STEAM PROPOSED STEAM LINE PROPOSED CROSS DRAIN MITERED END SECTION PER FDOT INDEX NO. 272 (SEE PLANS FOR SIZE) P-CLAY PROPOSED CLAY ELECTRIC LINE E EX. ELECTRIC LINE PROPOSED SIDE DRAIN MITERED END SECTION PER P-E PROPOSED ELECTRIC LINE FDOT INDEX NO. 273 (SEE PLANS FOR SIZE) --- EN --- EX. ENERGY LINE (S-10) PROPOSED STORMWATER STRUCTURE ID TAG P-LIGHT------ PROPOSED PRIVATE LIGHTING LINE --- OHW --- OHW --- EX. OVERHEAD WIRE LINE POTABLE AND RECLAIMED UGE UGE EX. UNDERGROUND ELECTRIC LINE WATER P-UGE PROPOSED UNDERGROUND ELECTRIC LINE C EX. LIGHT W --- W --- EX. POTABLE WATER MAIN EX. UTILITY POLE P-W PROPOSED POTABLE WATER MAIIN EX. UTILITY POLE RCW RCW EX. RECLAIMED WATER MAIN O EX. WOOD POWER POLE P-RCW PROPOSED RECLAIMED WATER MIAIN 11.25" BEND W/ MECHANICALLY RESTRAINED - EX. GUY ANCHOR JOINTS (POTABLE AND RCW) T PROPOSED TRANSFOMER 22.5° BEND W/ MECHANICALLY IRESTRAINED --- GAS --- GAS --- EX. GAS LINE JOINTS (POTABLE AND RCW) 45° BEND W/ MECHANICALLY RESTRAINED P-GAS PROPOSED GAS LINE JOINTS (POTABLE AND RCW) © EX. GAS MARKER L 90° BEND W/ MECHANICALLY RESTRAINED JOINTS (POTABLE AND RCW) G EX. GAS MARKER TEE (POTABLE AND RCW) H CROSS (POTABLE AND RCW) OI BLOWOFF ASSEMBLY (POTABLE AND RCW) **BEFORE YOU DIG!** ₩ REDUCER (POTABLE AND RCW) CALL SUNSHINE STATE ONE CALL OF FLORIDA M EX. GATE VALVE AND BOX (POTABLE AND RCW) AT LEAST TWO FULL BUSINESS DAYS EEFORE DIGGING OR DISTURBING EARTH PROPOSED GATE VALVE AND BOX (POTABLE AND RCW) ⊕ EX. AIR RELEASE VALVE (POTABLE AND RCW) • PROPOSED AIR RELEASE VALVE (POTABLE AND RCW) EX. FIRE HYDRANT ASSEMBLY O PROPOSED FIRE HYDRANT ASSEMBLY Know what's below. PROPOSED SAMPLE POINT

EX. WATER METER (POTABLE ANID RCW)

PROPOSED POTABLE WATER BACK FLOW PREVENTER

☐ PROPOSED POTABLE WATER METER

♦ PROPOSED RECLAIMED WATER MIETER

• EX, HOSE BIB (POTABLE AND RECLAIMED)

PROPOSED HOSE BIB (POTABLE AND RECLAIMED)

(1) PROPOSED FITTING ID TAG (POTABLE AND RECLAIMED)

(W) EX. WATER WELL

O DANIEL H. YOUNG 1. THIS LEGEND IS ALL INCLUSIVE AND MAY INCLUDE ITEMS

FL PE No. 70780

SHEET NO .:

Call before you dig.

2. SYMBOLS SHOWN ON THIS SHEET ARE FOR ILLUSTRATIVE

PURPOSES ONLY. UNLESS NOTED OTHERWISE, SYMBOLS IN

THESE PLANS MAY NOT BE REPRESENTATIVE OF SIZE.

NOT A PART OF THIS PLAN SET.

THIS DOCUMENT WAS PREPARED IN ORDER TO ILLUSTRATE COMPLIANCE WITH CHAPTER 62-621.300 (4) OF THE FLORIDA ADMINISTRATIVE CODE, WHICH PERTAINS TO THE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. THE ADMINISTRATIVE CODE GRANTS THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) THE AUTHORITY TO REGULATE POINT SOURCE DISCHARGE OF STORMWATER FROM CONSTRUCTION SITES. THIS DOCUMENT ESTABLISHES A STORMWATER POLLUTION PREVENTION PLAN FOR THE SITE AND IS ORGANIZED TO CORRESPOND TO PART V OF FDEP DOCUMENT NO. 62-621.300(4)(a). FDEP FORM 62-621.300(4)(b) IS TO BE SUBMITTED IN CONJUNCTION WITH THIS DOCUMENT.

#### II. SITE DESCRIPTION

COLUMBIA COUNTY, FLORIDA

SECTION 31, TOWNSHIP 3 SOUTH, RANGE 17 EAST SECTION, TOWNSHIP, RANGE: 1-3S-17-06219-000, 31-3S-17-06219-001, & 31-3S-17-06220-000 COUNTY PARCEL NO .: 1687 W. US HIGHWAY 90, LAKE CITY, FLORIDA 32055 STREET ADDRESS:

PROJECT AREA: SEE COVER SHEET OF CONSTRUCTION DRAWINGS SITE LOCATION MAP:

#### A. NATURE OF CONSTRUCTION ACTIVITY

THE PROPOSED DEVELOPMENT IS THE CONSTRUCTION OF  $\pm 4,795$  S.F. FINANCIAL INSTITUTE BUILDING AND ASSOCIATED PAVEMENT FOR DRIVEWAYS AND PARKING, SIDEWALKS, UTILITIES, AND STORMWATER MANAGEMENT FACILITY. THE PROJECT SITE IS LOCATED AT 1687 W. US HIGHWAY 90, LAKE CITY, FLORIDA. THE PROJECT SITE TOTAL AREA IS APPROXIMATELY 2.07 ACRES.

#### B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES

- 1. PRIOR TO CONSTRUCTION, SILT FENCING AND TREE PROTECTION FENCING SHALL BE INSTALLED AND ALL EXISTING STORM DRAINAGE SWALE AND INLETS SHALL BE PROTECTED IN ACCORDANCE WITH FDOT INDEX NO. 102 AND THESE PLANS.
- 2. THE CONSTRUCTION SERVICE ENTRANCE SHALL BE STABILIZED TO MINIMIZE THE CREATION OF DUST AND OFF-SITE TRACKING OF SEDIMENTS. 3. ONLY THE AREA COMPRISING THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CLEARED AND GRUBBED OF UNWANTED VEGETATION.
- 4. THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CONSTRUCTED. 5. IF SUITABLE, THE EXCAVATED SOIL FROM THE FACILITY(S) MAY BE USED AS FILL FOR ON-SITE GRADING THAT IS DEPICTED IN THESE CONSTRUCTION
- PLANS. THE CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIAL ON-SITE OR OFF-SITE TO A PERMITTED LOCATION. 6. THE REMAINING PORTION OF THE SITE THAT IS TREATED BY THE CONSTRUCTED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CLEARED AND
- 7. THE PERMANENT ROADWAYS/DRIVEWAYS SHALL BE ROUGHLY GRADED.
- 8. THE UNDERGROUND UTILITIES INFRASTRUCTURE AND STORMWATER PIPING SYSTEM SHALL BE INSTALLED. ANY DE-WATERING (PUMPED) SHALL BE DIVERTED TO THE ASSOCIATED STORMWATER MANAGEMENT FACILITY(S).
- 9. THE PERMANENT ROADWAY/DRIVEWAY SUBGRADE SHALL BE COMPACTED, A LIMEROCK BASE SHALL BE ESTABLISHED, AND THEN FOLLOWED BY AN OVERLAY OF ASPHALT. 10. UPON SIGNIFICANT COMPLETION OF CONSTRUCTION, THE STORMWATER PIPING SYSTEM SHALL BE FLUSHED OUT TO REMOVE ACCUMULATED DEBRIS
- AND SEDIMENT. 11. UPON COMPLETION OF THE DEBRIS AND SEDIMENT REMOVAL FROM THE STORMWATER PIPING SYSTEM, THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) SHALL BE FINE GRADED AND BE EXCAVATED A MINIMUM OF SIX INCHES BELOW THE DESIGN BOTTOM ELEVATION AND REPLACED WITH FILL HAVING A MINIMUM PERMEABILITY RATE OF 20 FEET/DAY WITH A MAXIMUM OF 5% SOIL FINES PASSING THE NO. 200 SIEVE. THE BOTTOM SHALL BE SCARIFIED AND STABILIZED ACCORDING TO THESE PLANS. ONE COMPLETED, NO HEAVY MACHINERY SHALL BE ALLOWED WITHIN THE
- STORMWATER MANAGEMENT FACILITY(S). 12. ALL REMAINING DISTURBED AREAS WITHIN THE CONSTRUCTION AREA SHALL BE COMPLETELY GRASSED AND/OR LANDSCAPED ACCORDING TO THESE PLANS. GRASS SEEDING RATES AND MIXTURES SHALL BE PER THE FDOT INDEX NO. 104. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO REMOVAL OF SILT FENCING AND OTHER EROSION CONTROL APPLICATIONS.

207 ACRES

#### C. SITE DEVELOPMENT DATA:

- TOTAL PROJECT SITE AREA: TOTAL SITE AREA TO BE DISTURBED:
- 2.07 ACRES TOTAL IMPERVIOUS AREA (AS SHOWN IN CONSTRUCTION DRAWINGS): 0.340 ACRE.-FEET TOTAL DETENTION VOLUME: 0.74 ACRES TOTAL OPEN AREA:

#### D. SOIL CONDITIONS AND STORMWATER QUALITY

THE NRCS DATA FOR THE SITE REVEALS THAT THE SITE SOILS ARE COMPRISED OF ALPINE FINE SAND AND CHIPLEY FINE SAND. GSE ENGINEERING AND CONSULTING, INC. CONDUCTED A GEOTECHNICAL EXPLORATION OF THE PROPOSED STORIMWATER MANAGEMENT FACILITY(S) LOCATION IN MARCH OF 2013. THE INVESTIGATION REVEALED THAT THE PROJECT SITE'S SURFACE SOILS HAVE THE FOILLOWING CHARACTERISTICS:

DEPTH TO EFFECTIVE OR MOBILIZED AQUIFER: 17 FEET DEPTH OF SEASONAL HIGH WATER TABLE: 3 FEET HORIZONTAL HYDRAULIC CONDUCTIVITY: 4 FEET/DAY UNSATURATED VERTICAL INFILTRATION:

DESIGN PERCOLATION RATES FOR THE STORMWATER MANAGEMENT FACILITY(S) WERE DETERMINED BASED ON LABORATORY PERMEABILITY TEST RESULTS FROM BORING SAMPLES TAKEN WITHIN THE LIMITS OF THE STORMWATER MANAGEMENT IFACILITY(S).

THE STORMWATER MANAGEMENT FACILITY(S) WAS DESIGNED TO PROVIDE RATE CONTROLL AND WATER QUALITY TREATMENT OF THE STORMWATER RUNOFF RESULTING FROM THE POST-DEVELOPMENT SITE UNDER 100-YEAR CRITICAL STORM EVENT RAINFALL CONDITIONS. THE STORMWATER POLLUTION PREVENTION PLAN (CO.21) DEPICTS THE POST-DEVELOPMENT WATERSHED(S) LIMITS AND THE TABLE BELOW SUMMARIZES EACH WATERSHED.

WA TERSHED ID	POST DEVELOPMENT AREA (ACRES)	POST DEVELOPMENT RUNOFF FACTOR (CN)	POST DEVELOPMENT IMPERVIOUS AREA (ACRES)	STORMWATER MANAGEMENT FACILITY TYPE	FACILITY DETENTION CAPACITY (ACRE-FEET)	100-YEAR 8-HOUR FLOOD ELEVATION (FT)
WATERSHED #1	1.80	83	1.10	DRY DETENTION!/ RETENTION	0.340	170.50

### E. SITE MAP

PLEASE SEE THE STORMWATER POLLUTION PREVENTION PLAN (CO.21) FOR DETAILS.

#### F. STORMWATER OUTFALL LOCATION AND RECEIVING WATER BODY

THE STORMWATER MANAGEMENT FACILITY #1 OUTFALL STRUCTURE IS LOCATED AT THE SOUTH PORTION OF THE PROJECT (3010'49"N, 82'30'34"W) AND THE ASSOCIATED RECEIVING WATER BODY IS THE SANTA FE RIVER.

#### III. CONTROLS TO REDUCE POLLUTION

AS OUTLINED IN THE SUWANNEE RIVER WATER MANAGEMENT DISTRICT (SRWMD) PERMIT, ALL CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED IN A MANNER AS TO NOT VIOLATE STATE WATER QUALITY STANDARDS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES REQUIRED TO RETAIN SEDIMENT ON-SITE. IF SITE CONDITIONS ARE SUCH THAT ADDITIONAL CONTROL MEASURES ARE REQUIRED OTHER THAN WHAT IS SPECIFIED IN THE EROSION AND SEDIMENTATION CONTROL PLAN, THEN THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL BEST MANAGEMENT PRACTICES. THESE MEASURES MUST BE INSPECTED AND MAINTAINED) THROUGHOUT THE CONSTRUCTION PHASE AND UNTIL AS DIRECTED BY THESE PLANS. THE STORMWATER POLLUTION PREVENTION PLAN (CO.21) AND SECTION IV BELOW PROVIDE DETAILS ON THE SPECIFIC CONTROL MEASURES TO REDUCE STORMWATER POLLUTION.

#### IV. EROSION AND SEDIMENT CONTROLS

#### A. STABILIZATION PRACTICES

EXISTING TREES AND NATURAL VEGETATION TO REMAIN ON-SITE SHALL BE PROTECTED BY TREE BARRICADE FENCING AS DEPICTED ON THE STORMWATER POLLUTION PREVENTION PLAN (CO.21). TYPE III SILT FENCING SHALL PROTECT ALL DRAINAGE STRUCTURES AND SHALL BUFFER AREAS WITH POTENTIAL TO CONTRIBUTE OFF-SITE RUNOFF AND AS SPECIFICALLY DEPICTED ON THE STORMWATER POLLUTION PREVENTION PLAN (CO.21). STABILIZATION MEASURES SHALL BE INITIATED FOR EROSION AND SEDIMENT CONTROL ON DISTURBED AREAS AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION HAS TEMPORAIRILY OR PERMANENTLY CEASED. AS SPECIFIED IN SECTION II.B. ABOVE, UPON COMPLETION OF CONSTRUCTION, ALL STORMWATER MANAGEMENT FACILITIES SHALL BE SCRAPED CLEAN OF ACCUMULATED SEDIMENT AFTER THE COMPLETION OF CONSTRUCTION. GRASS SEEDING RATES AND MIXTURES SHALL BE PER THE FDOT INDEX NO. 104. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO FINAL RELEASE.

#### B. STRUCTURE PRACTICES

AS DEPICTED IN THE STORMWATER POLLUTION PREVENTION PLAN (CO.21), A STORMWATER MANAGEMENT SYSTEM WILL BE CONSTRUCTED AND WILL BE COMPRISED OF A DRY RETENTION FACILITY AND A STORM PIPE CONVEYANCE SYSTEM. TO PREVENT EROSION DURING CONSTRUCTION, TYPE III SILT FENCING WILL BE INSTALLED IN THE LOCATIONS SHOWN ON THE PLANS. ALL EXISTING AND PROPOSED STORM DRAINS AND DRAINAGE SWALES SHALL BE PROTECTED ACCORDING TO FDOT INDEX NO. 102 OR PER DETAILS PROVIDED ON SIHEET CO.21 UNTIL CONSTRUCTION IS COMPLETE. THE STORM PIPE CONVEYANCE SYSTEM SHALL BE FLUSHED OUT TO REMOVE ALL ACCUMULATED DEBRISS AND SEDIMENT UPON COMPLETION OF CONSTRUCTION.

### C. DRAINAGE LOCATIONS THAT SERVE AREAS WITH LESS THAN 10 DISTURBED ACRES

AS SPECIFIED IN THE "SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES," THE SMF(S) WILL BE CONSTRUCTED PRIOR TO CLEARING AND GRUBBING OUTSIDE OF THE SMF(S) AREAS AND CONSTRUCTION OF THE PERMANENT PAVED AREAS. THE TOTAL CONTRIBUTING DRAINAGE AREA TO THE STORMWATER MANAGEMENT SYSTEM IS APPROXIMATELY 1.80 ACRES AND WILL CONSIST OF APPROXIMATELY 1.80 ACRES OF DISTURBED CONSTRUCTION AREA. THEREFORE, NO ADDITIONAL SEDIMENT TRAP BASINS ARE NECESSARY TO PROVIDE SEDIMENT STORAGE ON-SITE DURING CONSTRUCTION. AS SHOWN ON THE STORMWATER POLLUTION PREVENTION PLAN (CO.21), THE PROPOSED STORMWATER MANAGEMENT SYSTEM WILL PREVENT OFF-SITE EROSION DURING CONSTRUCTION. SILT FENCES OR EQUIVALENT SÉDIMENT CONTROLS SHALL BE INSTALLED AT SIDE SLOPE AND DOWN SLOPE BOUNDARIES, INLET LOCATION, OUTLET LOCATIONS, AND OTHER LOCATIONS AS SHOWN ON THE STORMWATER POLLUTION PREVENTION PLAN, AS REQUIRED. BY COMPLETION OF CONSTRUCTION, THE SIDE SLOPES, SWALES, AND ALL DISTURBED AREAS SHALL BE STABILIZED WITH GRASS AND LANDSCAPING AS SPECIFIED ON THE CONSTRUCTION DRAWINGS.

#### D. DRAINAGE LOCATIONS THAT SERVE AREAS WITH MORE THAN 10 DISTURBED ACRES

NOT APPLICABLE, SEE SECTION C, ABOVE.

#### V. STORMWATER MANAGEMENT

#### A. BEST MANAGEMENT PRACTICES

AFTER CONSTRUCTION. THE STORMWATER MANAGEMENT SYSTEM SHALL BE MAINTAINED IN ACCORDANCE WITH THE SPECIFIED STORMWATER MAINTENANCE NOTES IN THE INCLUDED CONSTRUCTION DRAWINGS AND/OR RESPECTIVE MAINTENANCE REPORTS. SPECIFICALLY, THE PROPOSED SMF(S) SHALL BE MOWED REGULARLY IN THE SPECIFIED AREAS, STORM PIPES AND STRUCTURES WILL BE INSPECTED SEMI-ANNUALLY AND CLEANED ANNUALLY, SMF(S) SIDE SLOPES SHALL BE MAINTAINED TO PREVENT EROSION, AND LANDSCAPING AND GRASS THAT PREVENTS EROSION SHALL BE MAINTAINED. ADDITIONALLY, REMEDIAL ACTIONS SHALL BE TAKEN SHOULD THE SMF(S) NOT PERFORM AS DESIGNED.

#### B. VEGETATED SWALES

WHEN VEGETATED SWALES ARE UTILIZED, SILT FENCING OR EQUIVALENT SEDIMENT CONTROLS SHALL BE INSTALLED AT ADEQUATE INTERVALS TO COLLECT SEDIMENT ALONG THE SWALE. THE SEDIMENT SHALL BE REMOVED WHEN SEDIMENT REACHES ONE—THIRD OF THE HEIGHT OF THE SILT FENCING. SEE THE STORMWATER POLLUTION PREVENTION PLAN (CO.21) FOR DETAILS AND LOCATIONS, AS REQUIRED.

#### C. VELOCITY DISSIPATION DEVICES AT DISCHARGE POINTS

WHEN DISCHARGE POINTS ARE NOT LOCATED UNDER WATER, RIP RAP PADS HAVE BEEN PROVIDED AT LOCATIONS WHERE NECESSARY DUE TO ANTICIPATED DISCHARGE VELOCITIES. PLEASE SEE THE CONSTRUCTION PLANS FOR DETAILS AND LOCATIONS, AS NEEDED.

#### VI. CONTROLS FOR OTHER POTENTIAL POLLUTANTS

#### A. WASTE DISPOSAL

THE CONTRACTOR SHALL PROVIDE LITTER COLLECTION CONTAINERS WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION. CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIALS AND CONSTRUCTION DEBRIS IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL

#### E. DUST CONTROL

TO PREVENT OFF-SITE VEHICULAR TRACKING OF SEDIMENTS AND DUST GENERATION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE ESTABLISHED BY THE SITE CONTRACTOR. PLEASE SEE THE STORMWATER POLLUTION PREVENTION PLAN (CO.21) FOR DETAILS AND LOCATION(S).

#### C. EXISTING VERSUS PROPOSED POTABLE AND SANITARY SEWER SYSTEMS

THERE ARE EXISTING SANITARY SEWER AND POTABLE WATER SYSTEMS LOCATED ON THE PROJECT SITE. EXTENSION AND UPGRADES ARE PROPOSED IF TEMPORARY SANITARY SYSTEMS ARE UTILIZED DURING CONSTRUCTION, THE CONTRACTOR SHALL PROPERLY CONTROL AND DISCHARGE ANY SANITARY WASTE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

#### D. FERTILIZER & PESTICIDES

THE USE OF FERTILIZERS, HERBICIDES, AND PESTICIDES ON THE PROJECT SITE, WILL BE DIRECTED BY THE LANDSCAPE PLAN AND THE FDOT INDEX NO. 104, TO SUPPORT THE GROWTH OF THE PROPOSED VEGETATION. ESTABLISHING THIS VEGETATION WILL AID IN THE STABILIZATION OF THE PROJECT SITE AND REDUCE EROSION. APPLICATION RATES FOR THE FERTILIZERS, HERBICIDES, AND PESTICIDES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS TO GUARD AGAINST OVER-USE, WHICH CAN LEAD TO VIOLATIONS OF STATE WATER QUALITY STANDARDS

THE CONSTRUCTION SITE WILL BE IN FULL COMPLIANCE WITH STATE AND FEDERAL REQUIREMENTS. IN ADDITION, THE SITE SHALL BE IN COMPLIANCE WITH THE MORE STRINGENT COLUMBIA COUNTY HAZARDOUS MATERIALS MANAGEMENT CODE, WHICH ADDRESSES STORAGE AND USE OF TOXIC MATERIALS LESS IN VOLUME THAN THE STATE THRESHOLD REQUIREMENTS.

#### VII. APPROVED STATE AND LOCAL PLANS

THE CONSTRUCTION DRAWINGS FOR THE PROJECT WERE APPROVED AND PERMITTED BY THE FOLLOWING AGENCIES:

- \* LAKE CITY \* COLUMBIA COUNTY
- \* SUWANNEE RIVER WATER MANAGEMENT DISTRICT
- \* FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

  \* FLORIDA DEPARTMENT OF TRANSPORTATION

#### VIII. CONSTRUCTION ACTIVITY DISCHARGES

IN ACCORDANCE WITH THIS PLAN, THERE ARE NO ANTICIPATED DISCHARGES OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES.

#### IX. CHANGES TO THE POLLUTION PREVENTION PLAN

THIS STORMWATER POLLUTION PREVENTION PLAN SHALL BE AMENDED TO REFLECT ANY APPLICABLE CHANGE IN A STATE, REGIONAL, OR LOCAL PERMIT FOR WHICH THE PERMITTEE RECEIVES WRITTEN NOTICE. WHEN WRITTEN NOTICE IS RECEIVED, THE PERMITTEE SHALL PROVIDE A RE-CERTIFICATION OF THIS POLLUTION PREVENTION PLAN, WHICH HAS BEEN REVISED TO ADDRESS SUCH CHANGES. AMENDMENTS TO THE PLAN SHALL BE PREPARED, SIGNED, DATE, AND KEPT AS ATTACHMENTS TO THE ORIGINAL PLAN.

#### X. ALTERNATIVE PERMIT REQUIREMENTS

NO ALTERNATIVE PERMIT REQUIREMENTS ARE REQUESTED

#### XI. MAINTENANCE

THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE, INSPECTION SCHEDULE, AND REPAIRS OUTLINED IN THIS PLAN. MAINTENANCE SHALL CONTINUE PROJECTOUT THE PROJECT UNTIL WORK IS COMPLETE. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TEMPORARY FROSION AND SEDIMENT CONTROL DEVICES AFTER CONSTRUCTION IS COMPLETE. IN ADDITION TO THE TIMES MENTIONED IN THE PREVIOUS SECTIONS, THE CONTRACTOR SHALL INITIATE ANY REPAIRS WITHIN 24 HOURS OF BEING REPORTED. IN THE EVENT THAT THE SMF(S) DO NOT PERFORM PROPERLY OR IF A SINKHOLE DEVELOPS, THE PROJECT ENGINEER SHALL BE NOTIFIED TO ASSIST IN COORDINATING REMEDIAL ACTION. ACCUMULATED SEDIMENT SHALL BE REMOVED FROM SILT FENCING WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE SILT FENCE. UPON FINAL COMPLETION OF CONSTRUCTION AND ACCEPTANCE BY BOTH THE COUNTY AND OWNER, THE OPERATION AND MAINTENANCE ENTITY WILL BE CAMPUS USA CREDIT UNION.

#### XII. INSPECTIONS

THE CONTRACTOR SHALL INSPECT ALL POINTS OF POTENTIAL DISCHARGE FROM THE PROJECT SITE FOR ALL DISTURBED AREAS ON THE CONSTRUCTION SITE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. FOR POINTS OF DISCHARGE INTO SURFACE WATERS OF THE STATE OR AN MS4, A QUALIFIED INSPECTOR (PROVIDED BY THE OPERATOR) SHALL PERFORM THE REQUIRED INSPECTIONS. THE CONTRACTOR SHALL INSTALL A RAIN GAUGE AT THE SITE TO MONITOR AND DOCUMENT RAINFALL ÉVENTS 0.50 INCHES OR GREATER. LOCATIONS WHERE THE SITE IS COMPLETELY CONSTRUCTED AND STABILIZED, SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE A MONTH. ALL INSPECTIONS SHALL BE RECORDED ON THE CONSTRUCTIONI INSPECTION FORM, A COPY OF WHICH IS PROVIDED ON THIS SHEET. MORE SPECIFICALLY, THE INSPECTION SHALL ENSURE THE FOLLOWING CATEGORIES.

#### A. DISTURBED AREAS

ALL DISTURBED AREAS AND AREAS USED FOR MATERIAL STORAGE SHALL BE INSPECTED FOR POLLUTANTS ENTERING THE STORMWATER SYSTEM. THE STORMWATER MANAGEMENT SYSTEM AND EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE INSPECTED TO ENSURE THEY ARE OPERATING CORRECTLY. LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT

#### B. MAINTENANCE PERFORMANCE

BASED ON THE RESULTS OF THE INSPECTION, ALL MAINTENANCE OPERATIONS NEEDED TO ASSURE PROPER COMPLIANCE WITH THIS PLAN SHALL BE DONE IN A TIMELY MANNER, BUT IN NO CASE LATER THAN 7 DAYS FOLLOWING THE INSPECTION.

#### C. REPORTING REQUIREMENTS

ALL INSPECTIONS SHALL BE RECORDED ON THE CONSTIRUCTION INSPECTION FORM, A COPY OF WHICH IS PROVIDED ON THIS SHEET. THIS FORM IS CREATED TO SUMMARIZE THE SCOPE OF THE INSPECTION, THE NAME(S) AND QUALIFICATION OF THE INSPECTOR(S), THE DATE OF INSPECTION. RAINFALL DATA, OBSERVATIONS, THE ACTIONS TAKEN TO CORRECCT INCIDENTS OF NON-COMPLIANCE WITH THE PROVISIONS OF THIS PLAN. IF NO INCIDENTS OF NON-COMPLIANTS ARE OBSERVED. THE REPORT SHALL CONTAIN A CERTIFICATION THAT THE FACILITY IS IN COMPLIANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN AND THE ASSOCIATED PLERMIT.

#### XIII. NON-STORMWATER DISCHARGES

IN ADDITION TO STORMWATER RUNOFF, THIS PLAN APPLIESS TO RUNOFF FROM IRRIGATION OPERATIONS AND CONSTRUCTION PRACTICES. THIS PLAN DOES NOT PERTAIN TO DISCHARGES FROM FIRE FIGHTING ACTIVITIES.

#### XIV. CONTRACTORS CERTIFICATION

THE CONTRACTORS OR SUB-CONTRACTORS SHALL PHOTOCOPY AND COMPLETE THE FORM ON THIS PAGE. IT SHALL BE PROVIDED TO THE OWNER AND KEPT ON FILE PURSUANT TO SECTION XV REGARDING PROJECT RECORDS.

#### XV. RETENTION OF RECORDS

THE PERMITTEE SHALL RETAIN COPIES OF STORMWATER POLLUTION PREVENTION PLANS AND ALL REPORTS REQUIRED BY THIS PERMIT, AND RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT, FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT

THE PERMITTEE SHALL RETAIN A COPY OF THE STORMWATTER POLLUTION PREVENTION PLAN AND ALL REPORTS. RECORDS. AND DOCUMENTATION REQUIRED BY THIS PERMIT AT THE CONSTRUCTION SITE, OR AN APP?ROPRIATE ALTERNATIVE LOCATION AS SPECIFIED IN THE NOTICE OF INTENT, FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION.

#### XVI. NOTICE OF TERMINATION

NOTICE OF TERMINATION:

1. WHERE A SITE HAS BEEN FINALLY STABILIZED AND ALL STORMWATER DISCHARGES AUTHORIZED BY THIS PERMIT ARE ELIMINATED, THE PERMITTEE SHALL SUBMIT A NOTICE OF TERMINATION (DEP FORM 62-621.300(6)), SIGNED IN ACCORDANCE WITH PART VII.C OF DEP DOCUMENT NO.

62-621.300(4)(a). WITHIN 14 DAYS OF FINAL STABILIZATION OF THE SITE TO TERMINATE COVERAGE UNDER THIS PERMIT 2. ELIMINATION OF STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY MEANS THAT ALL DISTURBED SOILS AT THE SITE HAVE BEEN FINALLY STABILIZED AND TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN REMOVED OR WILL BE REMOVED AT AN APPROPRIATE TIME, OR THAT ALL STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY FROM THE SITE THAT ARE AUTHORIZED BY THIS GENERIC

3. FOR CONSTRUCTION ACTIVITIES WHERE THE OPERATOR CHANGES, THE EXISTING OPERATOR SHALL FILE AN N.O.T. IN ACCORDANCE WITH THIS PART WITHIN 14 DAYS OF RELINQUISHING CONTROL OF THE PROJECT TO A NEW OPERATOR.

THE PERMITTEE SHALL SUBMIT A NOTICE OF TERMINATION TO THE FOLLOWING ADDRESS:

NPDES STORMWATER NOTICES CENTER, MS# 2510 FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Columbia County, Florida

2600 BLAIR STONE ROAD TALLAHASSEE, FLORIDA 32399-2400

PROJECTS THAT DISCHARGED STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITY TO A MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) SHALL SUBMIT A COPY OF THE N.O.T. TO THE OPERATOR OF THE MS4.

#### Responsible Authority Certification Stormwater Pollution Prevention Plan

Site: Campus USA Credit Union - Lake City Columbia County, Florida

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manages the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME (RESPONSIBLE AUTHORITY DATE

#### Contractor/Subcontractor Certification Statement Stormwater Pollution Prevention Plan

The contractor(s) or sub-contractor(s) responsible for complying with this stormwater pollution prevention plan shall sign the certification statement below. Multiple copies of this certification statement may be necessary depending on the number of sub-contractors associated with the project Site: Campus USA Credit Union- Lake City

TELEPHONE NUMBE

certify under penalty of law that I understand, and shall comply with, the terms and conditions of the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities and this Stormwater Pollution Prevention Plan prepared thereunder.

## Stormwater Pollution Prevention Plan

Amount of last rainfall: Date of last rainfall: Stabilization Measures

CONDITION ACTION REQUIRED

If no action required, mark "N.A."

Note: To be completed every 7 days and within 24 hours of a rainfall event of 0.25 inch or more. Structural Controls

LOCATION/TYPE MAINTENANCE REQUIRED

Results of Previous Recommended Actions:

If no maintenance required, mark "N.A."

Recommended Actions:

Other Control

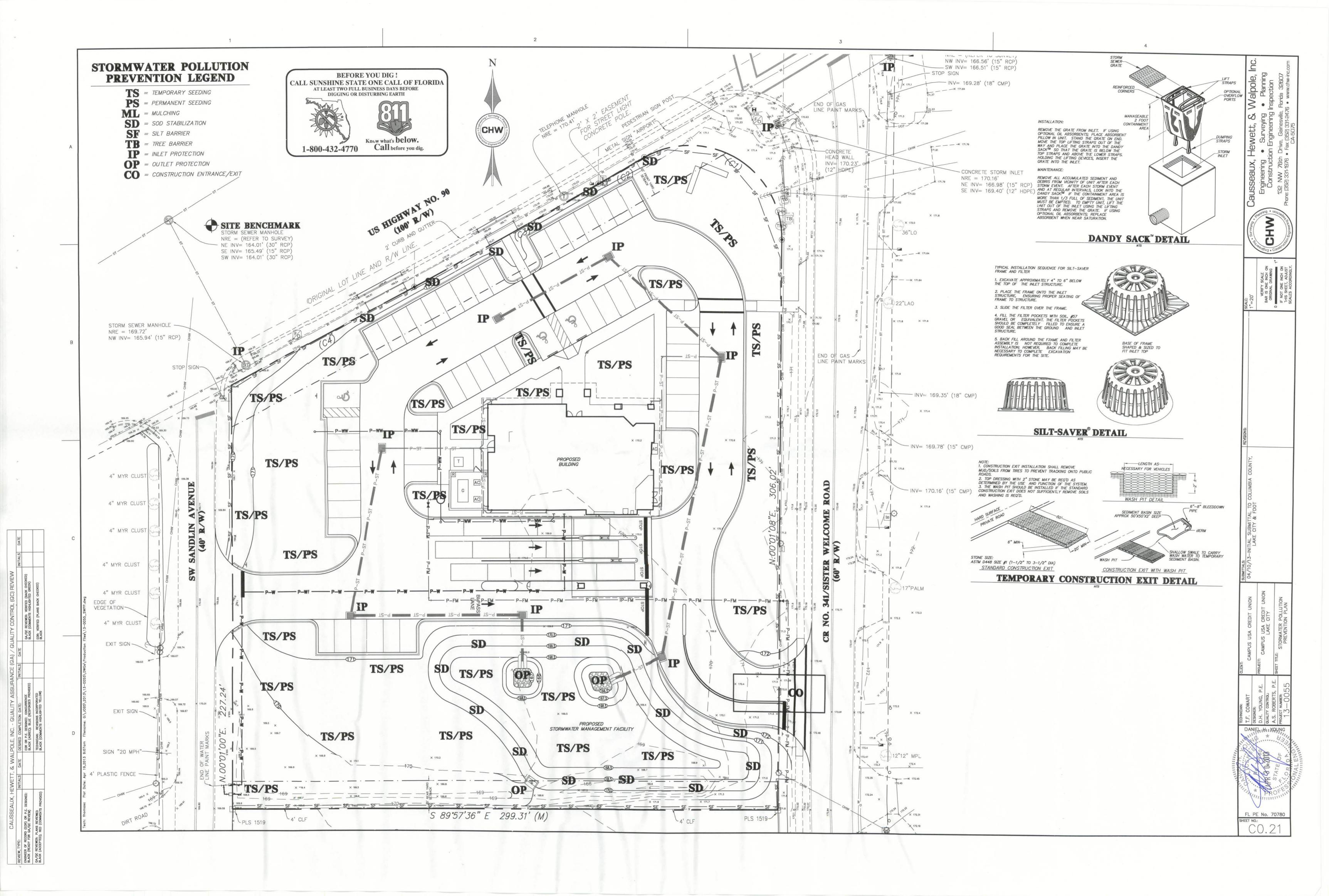
CONDITION FAIR POOR Condition of construction entrance/exit? Condition of construction access road surface? General appearance of site re: trash and debris. Appearance of portables for sanitary discharge? Materials available for emergency spill response? Paint,/cleaning compound storage areas condition? Lay-down area condition? Recommended Actions:

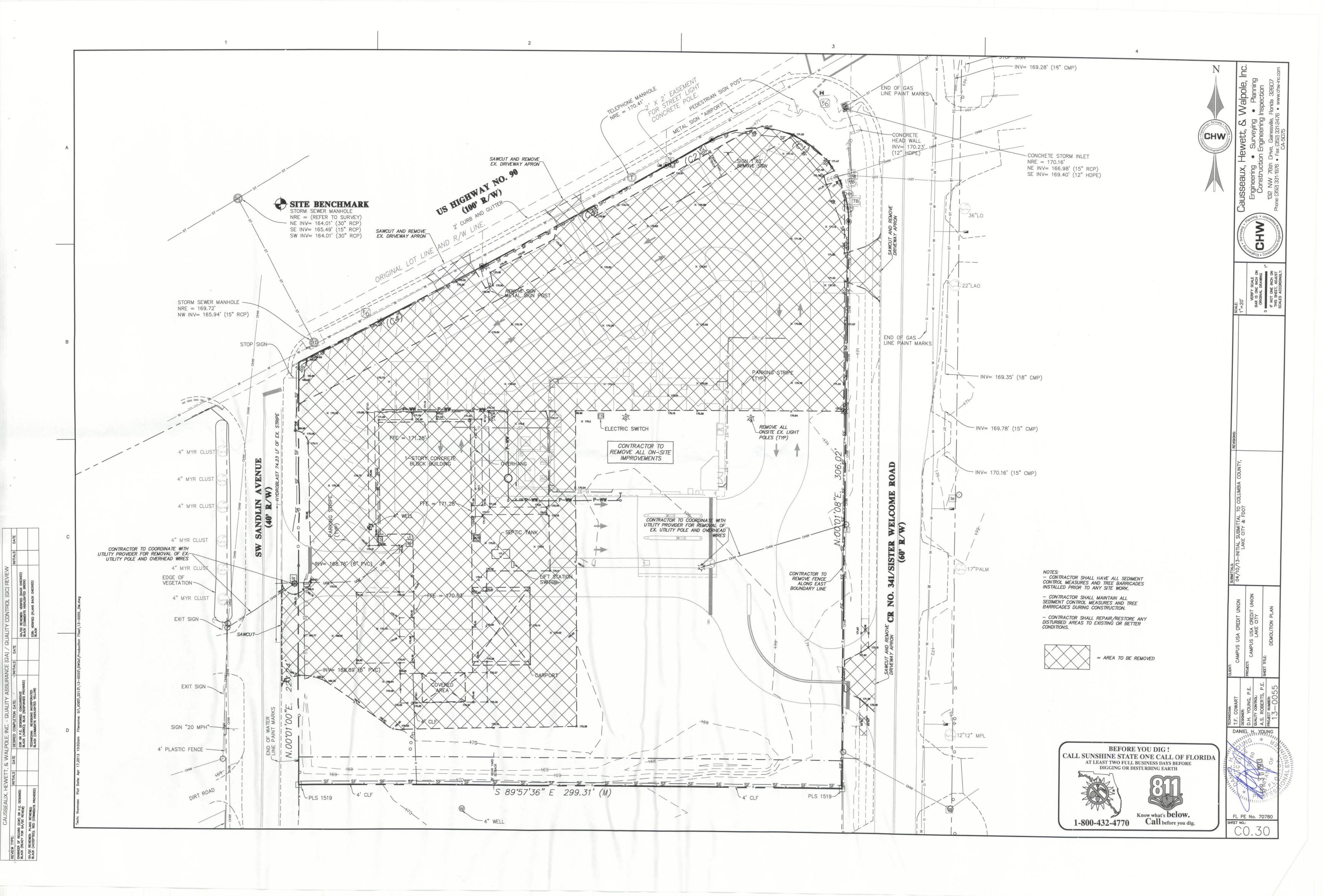
Results of Previous Recommended Actions:

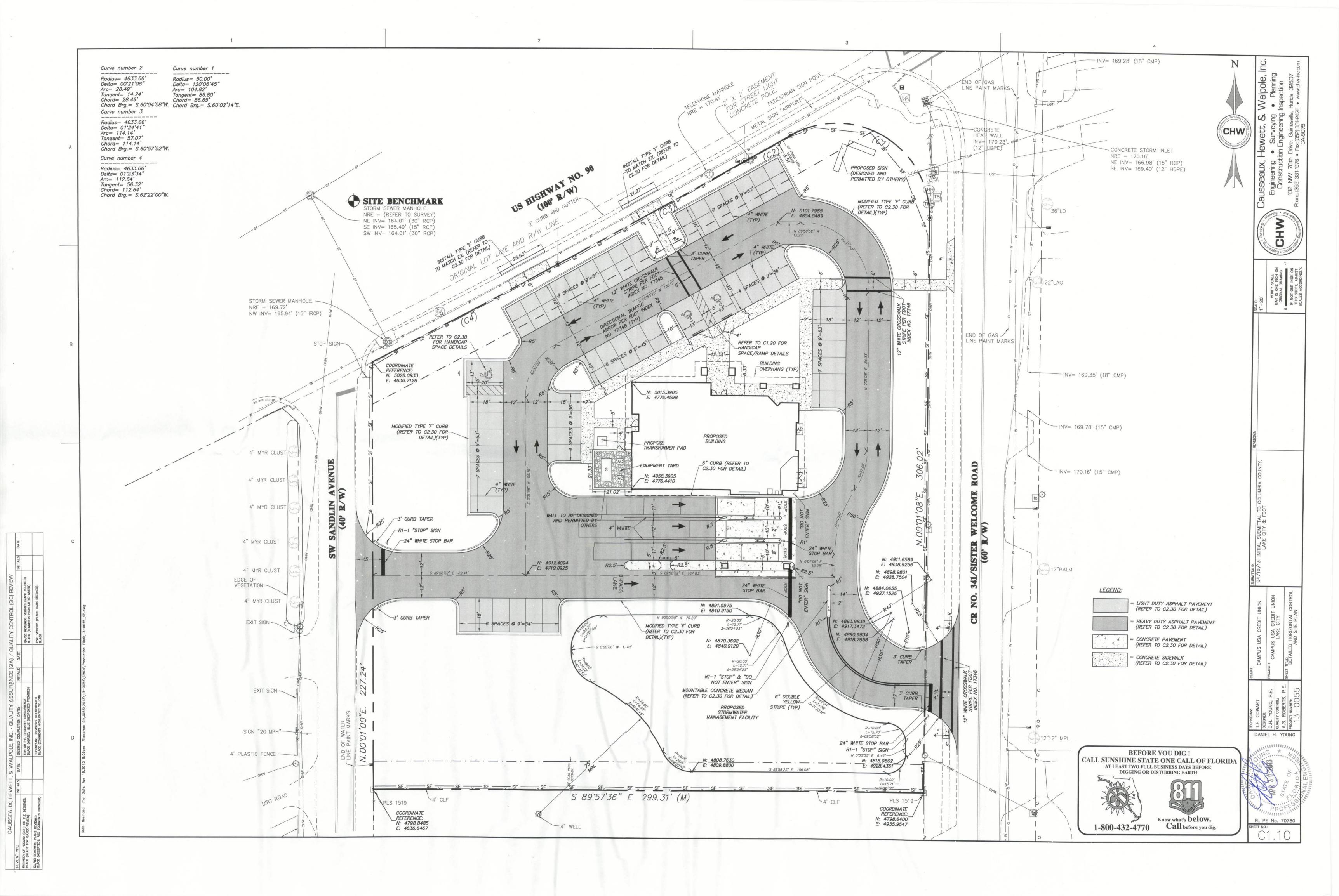
Inspector Signature: The above signature also shall certify that this facility is in compliance with the Stormwater Pollution Prevention Plan and the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities if there are not any incidents of non-compliance identified above

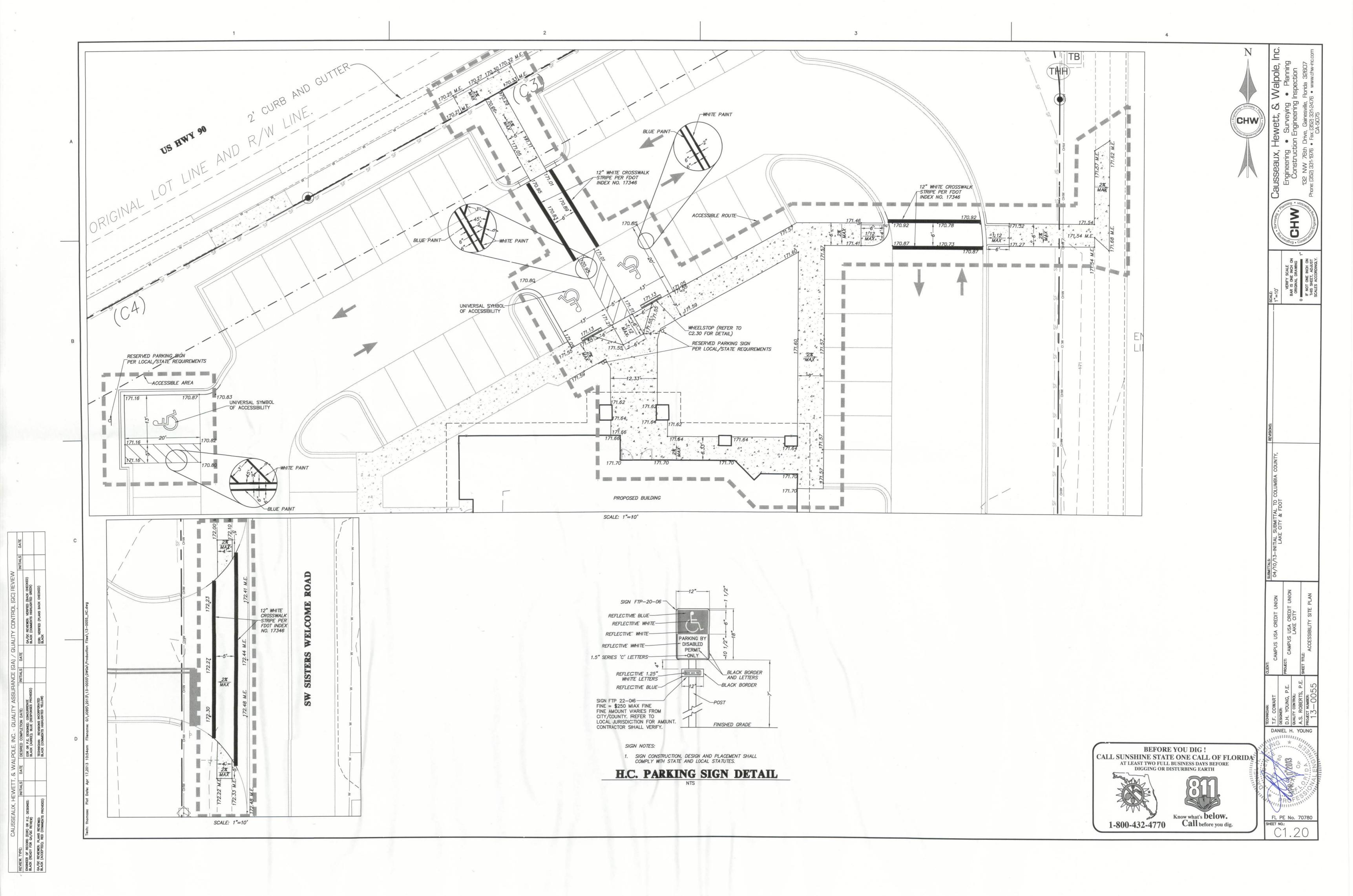
DANIEL H.

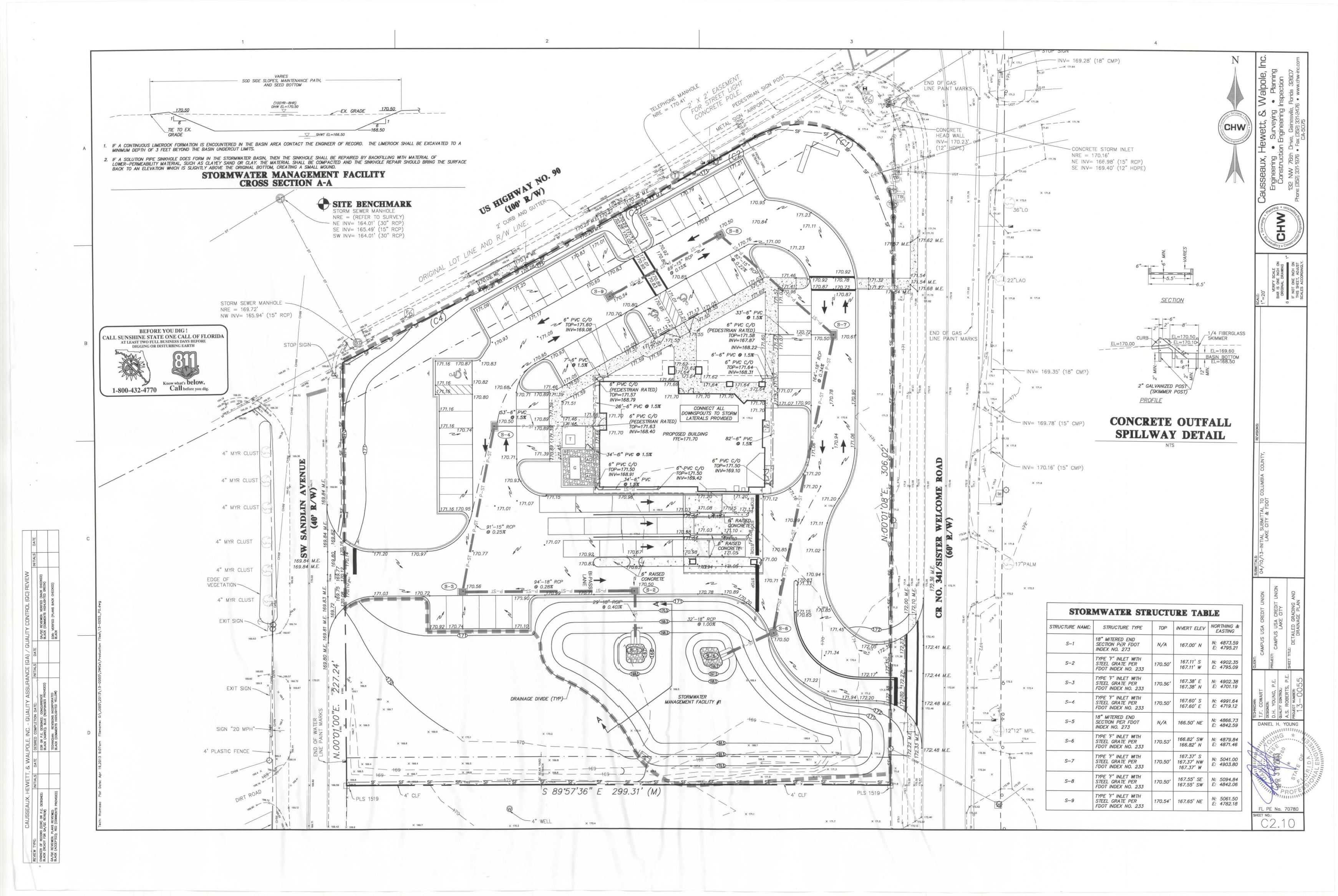
FL PE No. 70780

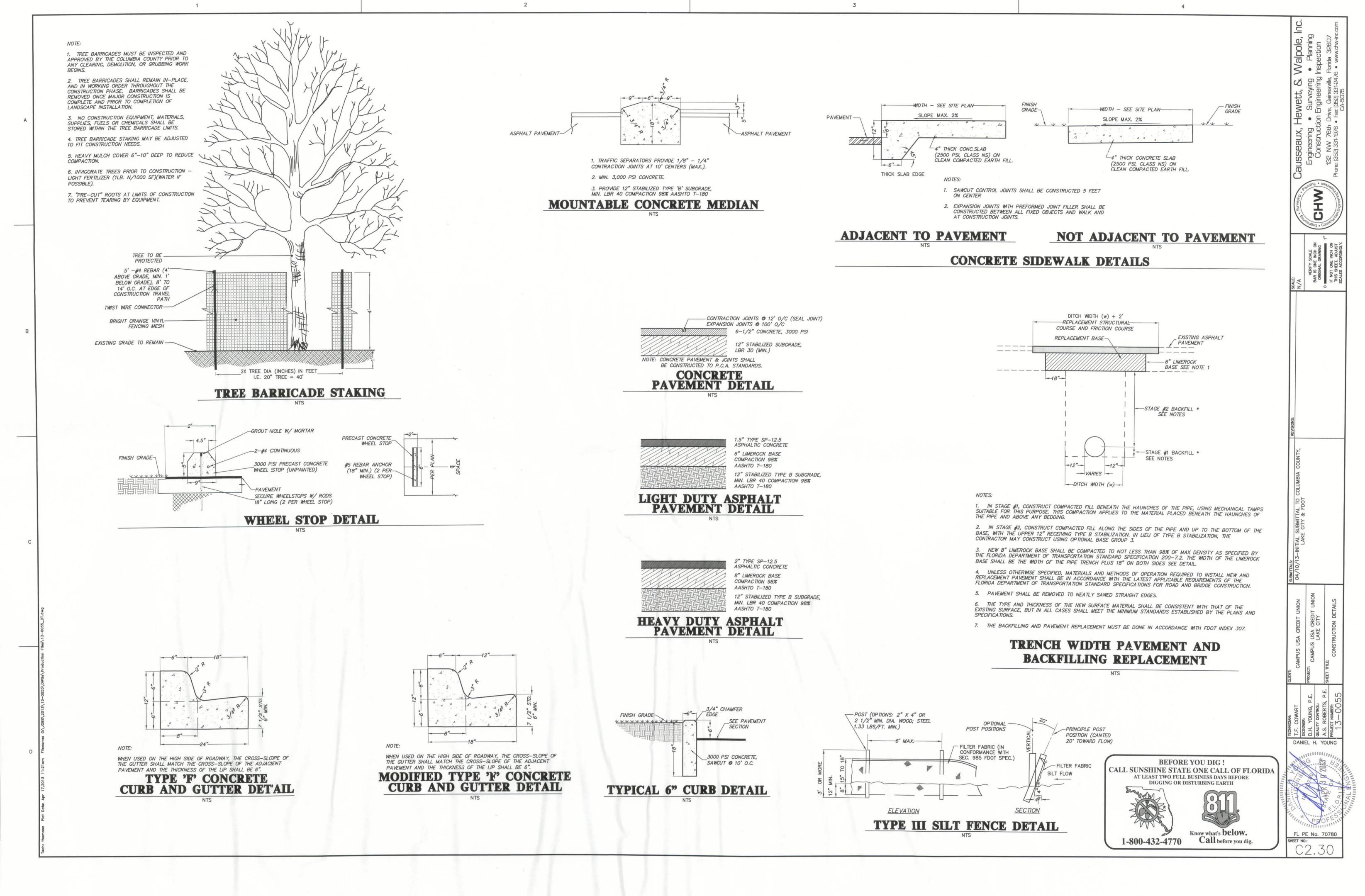


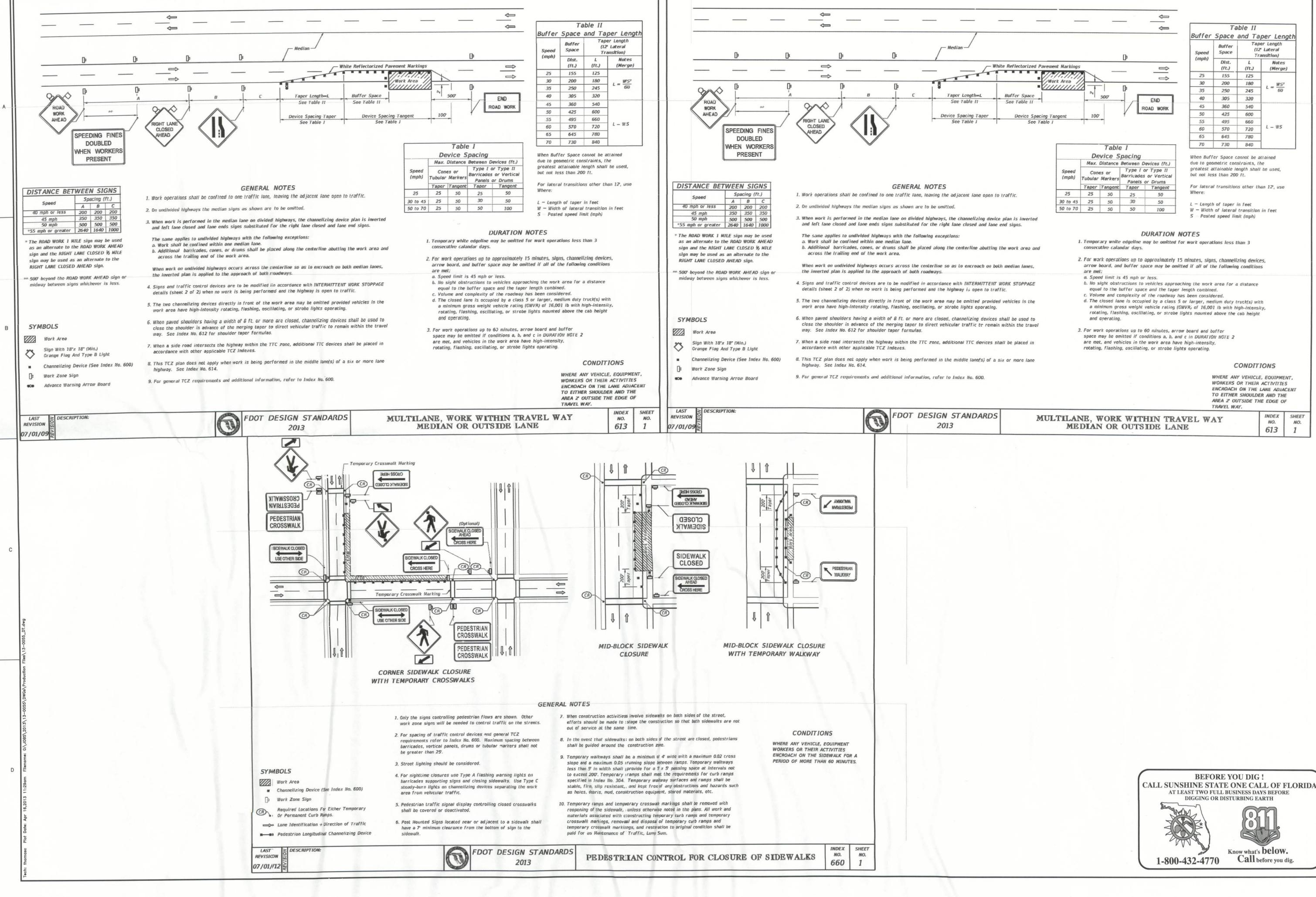












INDEX SHEET

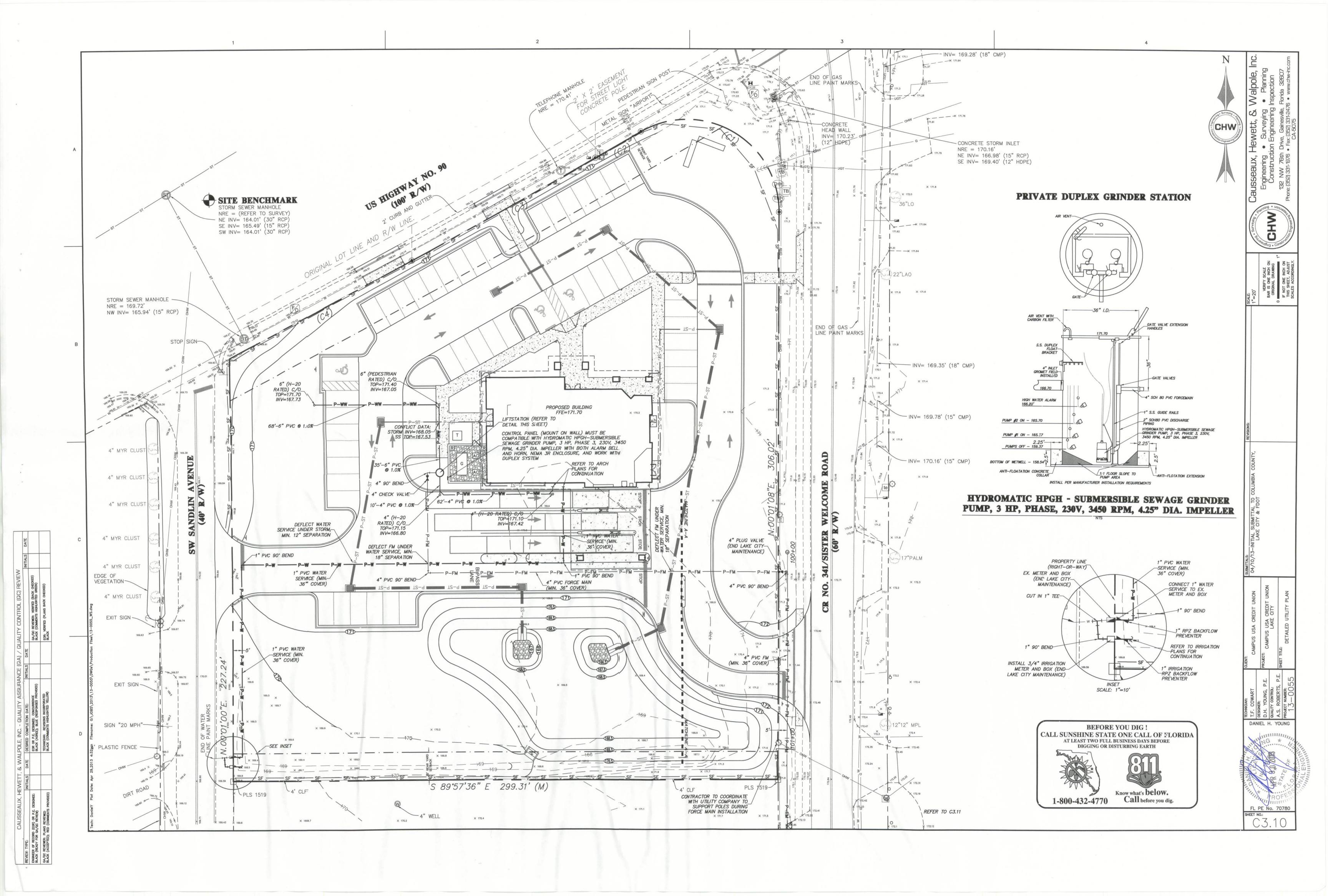
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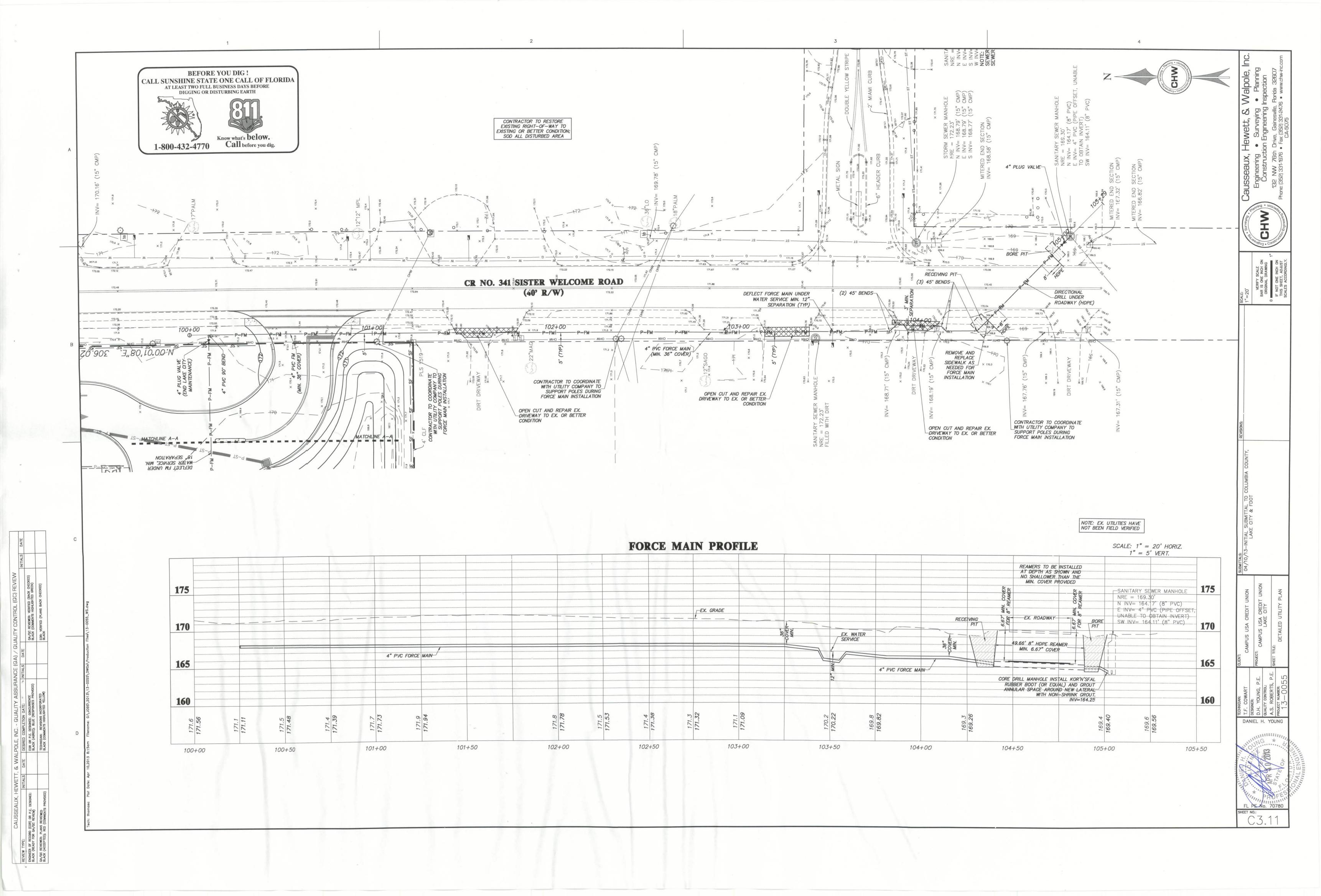
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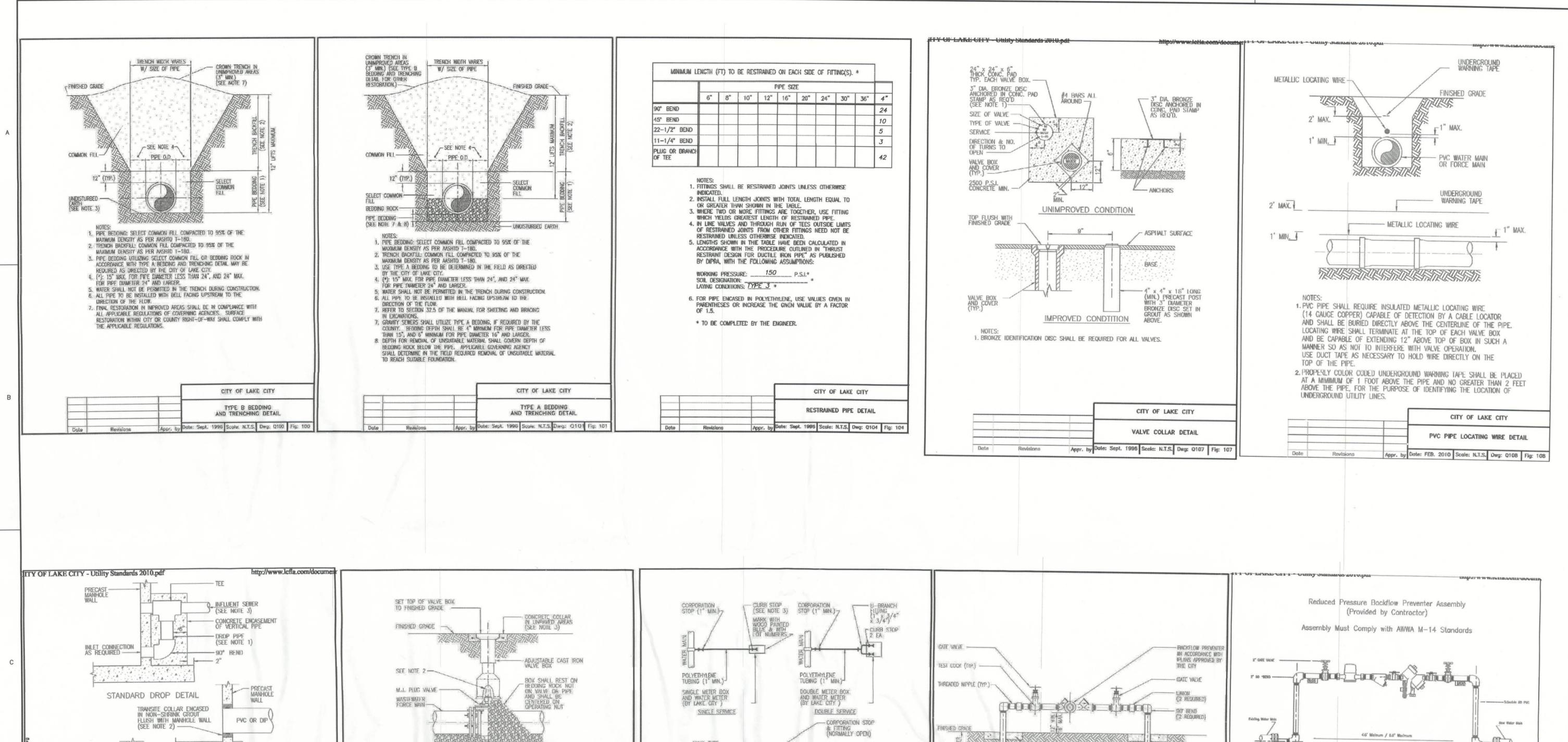
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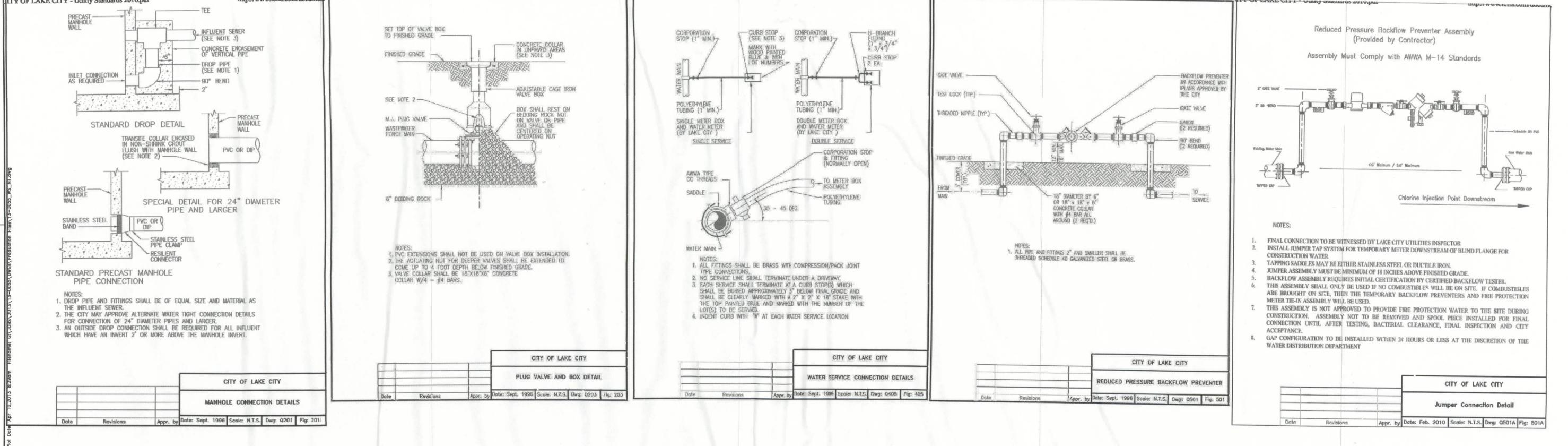
613

FL PE No. 70780









REVIEW TYPE:

INITIALS DATE DESIRED COMPLETION DATE: INITIALS DATE

ENGINEER OF RECORD (READY FOR DA/OC REVIEW)

BLACK (READY FOR DA/OC REVIEW)

BLACK (AGREE); BLUE (RESPONSES PROWDED)

FL PE No. 7078
HEET NO.:

C3.20

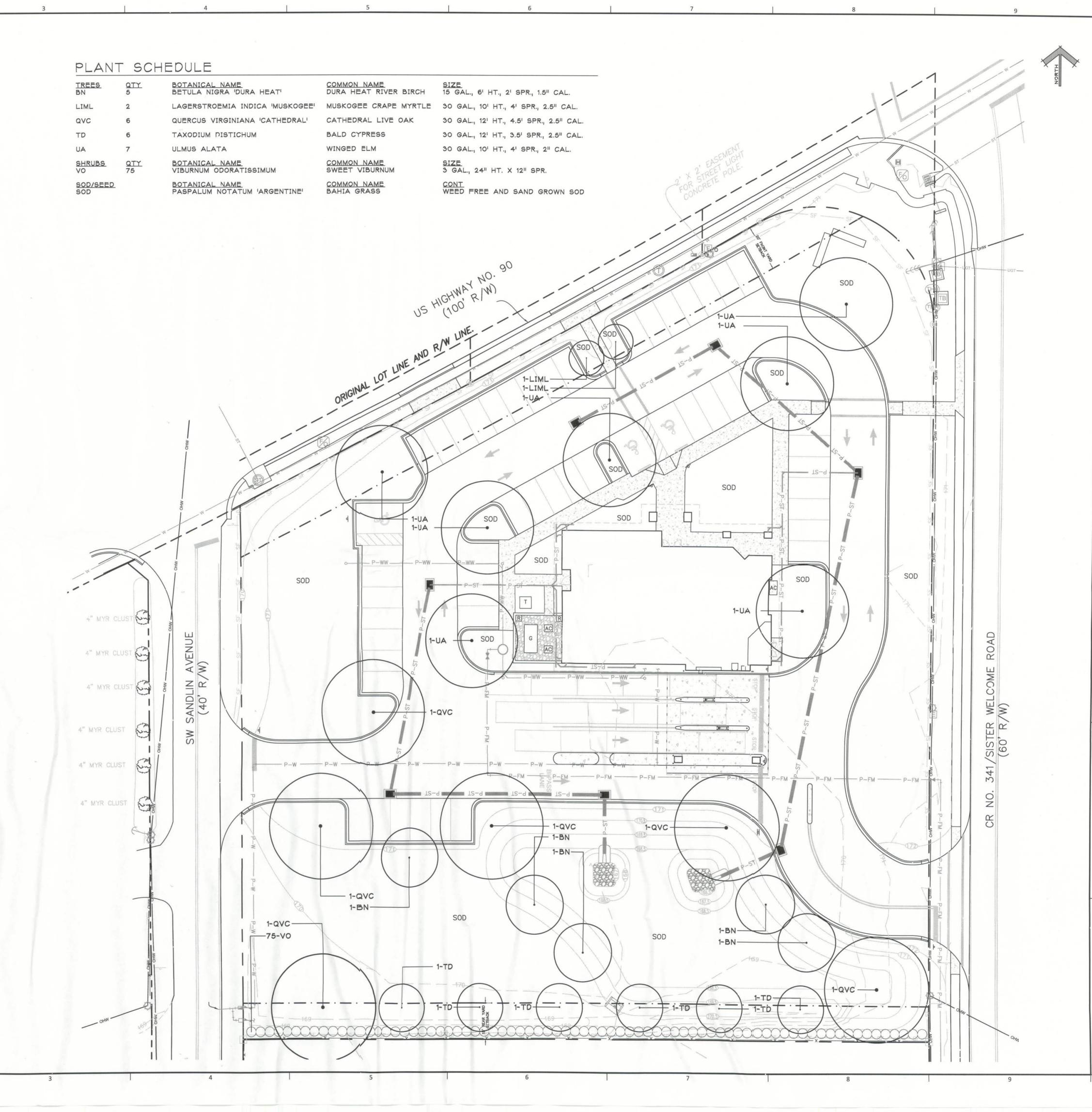
DANIEL H. YOUNG

CHW

GENERAL NOTES

NO ASPHALT, LIMEROCK OR CONSTRUCTION DEBRIS

IS ALLOWED IN PLANTING BEDS. IF ENCOUNTERED DURING CONSTRUCTION OR



boda

Buford Davis + Associates
landscape architects site planners
...
2406 NW 43rd Street

Gainesville, Florida 32606 352.335.1896 tel 352.373.6407 fax

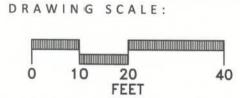
CAMPUS USA
US HIGHWAY 90

CONSULTANT:

SEAL:



PROJECT NO: 13-020
DRAWN BY: KCM
CHECKED BY: LFH
DATE: 10 APRIL 2013
REVISIONS:



LANDSCAPE PLAN

ISSUED FOR:
SITE PLAN APPROVAL

DRAWING NUMBER:

LS-1

SHEET: 1 OF 1