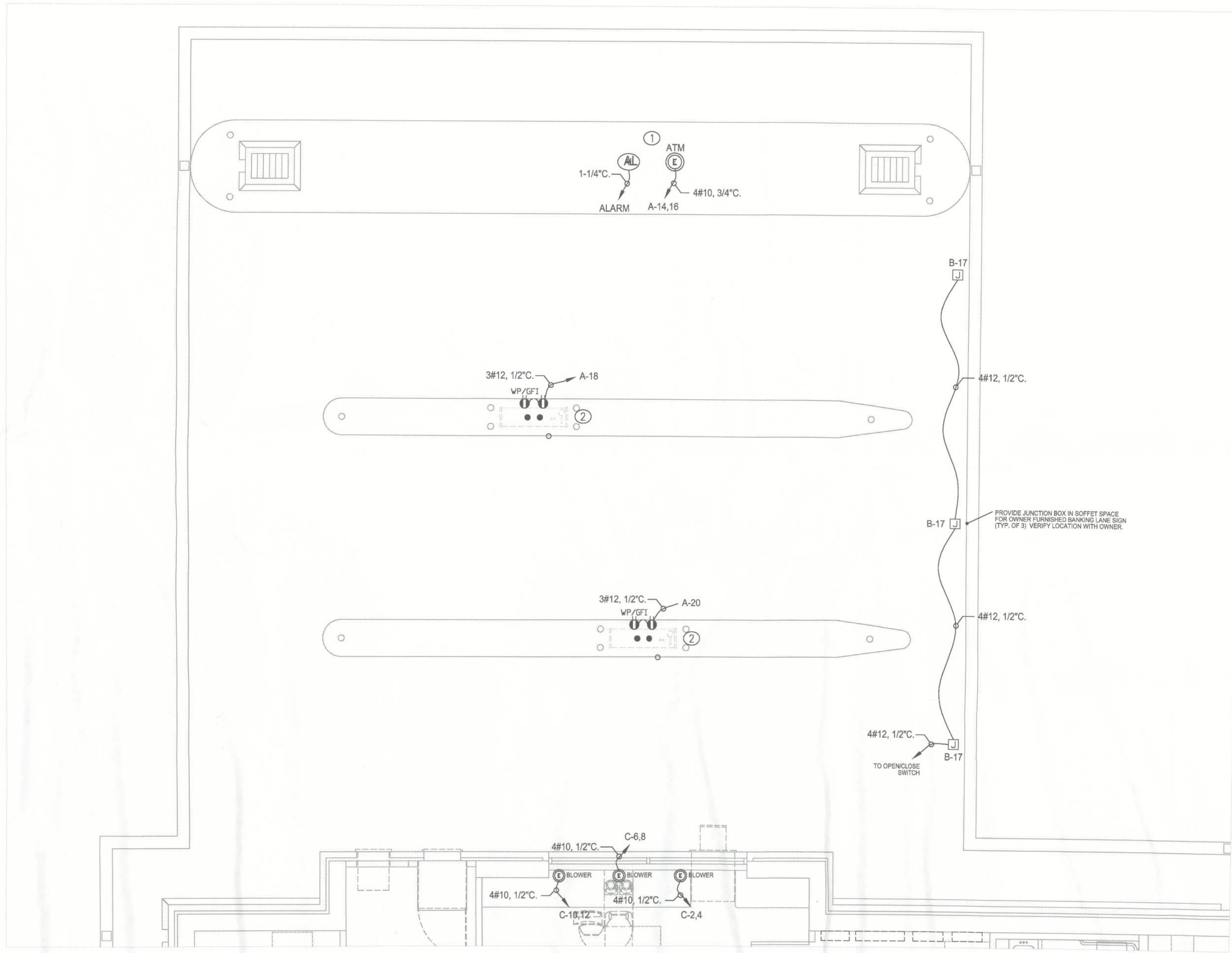


GENERAL NOTES

1. COORDINATE COMMUNICATION AND POWER REQUIREMENTS WITH OWNER.

PLAN NOTES

- ① FUTURE, INSTALLED OVERHEAD.  
② INSTALLED OVERHEAD.



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

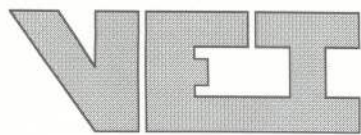
1 POWER - CANOPY  
SCALE: 1/4"=1'0"

3				
2				
1				
REV	DATE	REVISION NOTES	BY	APPRV BY

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

DRAWN BY: SM DATE: 05/07/13 CHK BY: MM DATE: 05/08/13 SHT: 8 OF 11 SCALE: AS NOTED

PROJECT CODE: CUSA SITE: LAKE CITY DEPARTMENT: ENGINEERING DWG. E08



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

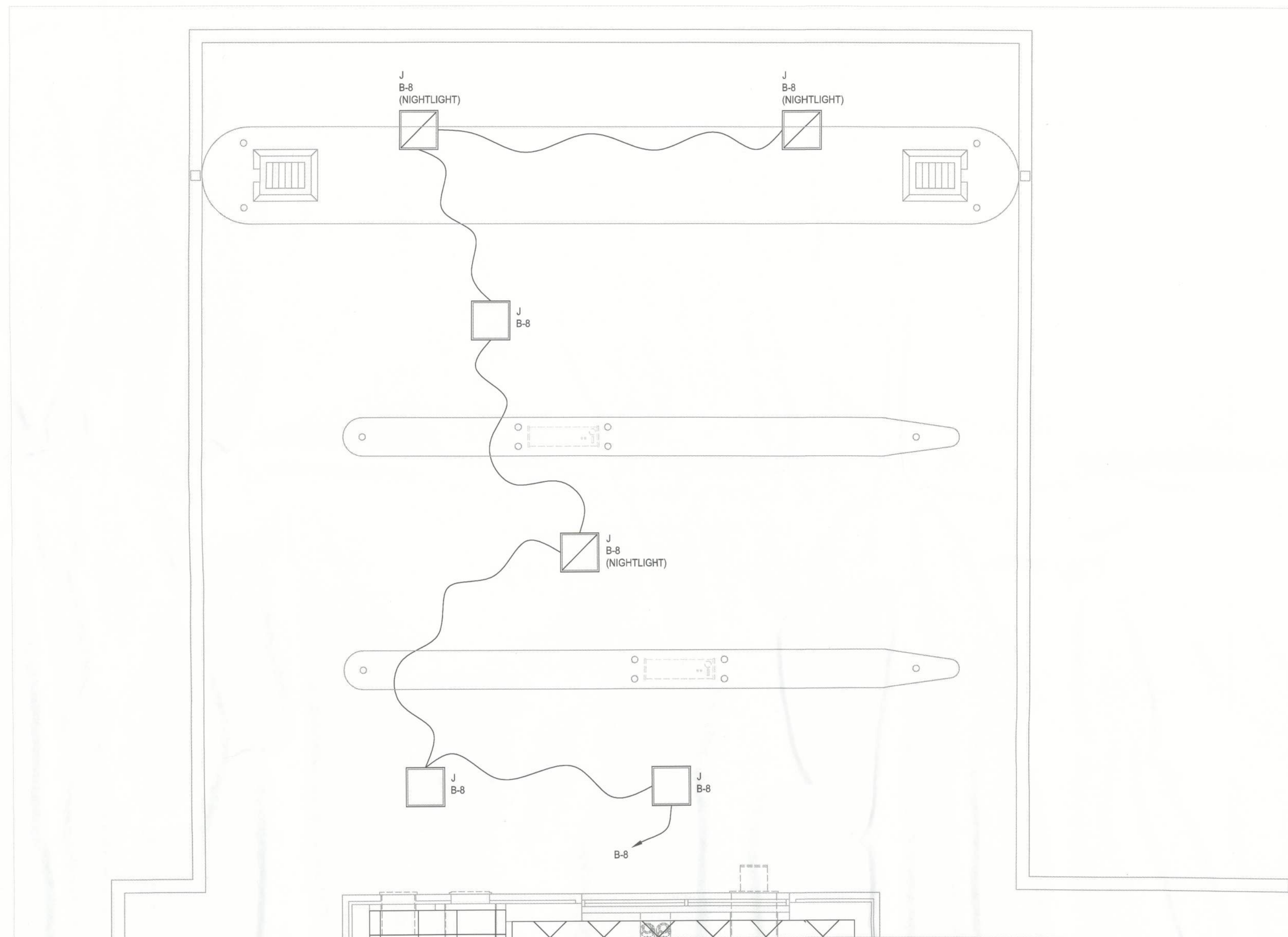
STATE CERTIFICATION  
EC-1198



PROPRIETARY AND CONFIDENTIAL

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THAN TO PERSONS FOR WHICH IT IS REQUIRED TO  
PERFORM WORK FOR VEI IS NOT AUTHORIZED.





**1 LIGHTING - CANOPY**  
SCALE: 1/4"=1'0"

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

3				
2				
1				
REV	DATE	REVISION NOTES	BY	APPROV BY

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

DRAWN BY: SM	DATE: 05/07/13	CHK BY: MM	DATE: 05/08/13	SHT: 9 of 11	SCALE: AS NOTED
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PROJECT CODE: CUSA	SITE: LAKE CITY	DEPARTMENT: ENGINEERING	DWG: E09
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VINTAGE ELECTRIC INC.  
2421 NW 71ST PL.  
GAINESVILLE, FL 32618  
PHONE: 352.371.8021 FAX: 352.371.8084

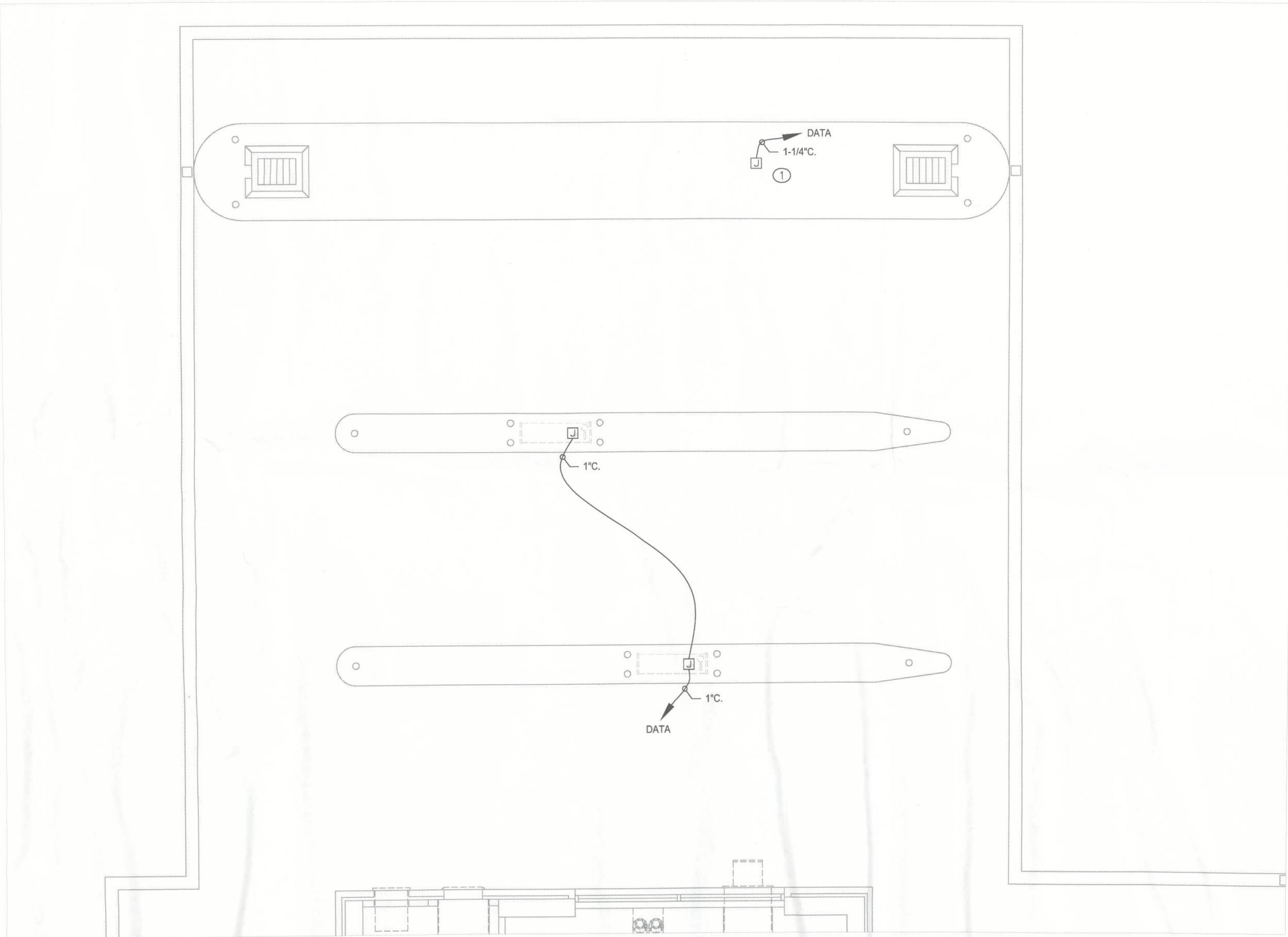
STATE CERTIFICATION  
EC-1198

D



PLAN NOTES

① FUTURE, INSTALLED OVERHEAD.



① DATA - CANOPY  
SCALE: 1/4"=1'0"



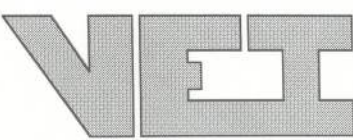
PLAN NORTH  
SCALE 1/4"=1'0"

3				
2				
1				
REV	DATE	REVISION NOTES	BY	APPRV BY

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

DRAWN BY: SM DATE: 05/07/13 CHK BY: MM DATE: 05/08/13 SHT: 10 of 11 SCALE: AS NOTED

PROJECT CODE: CUSA SITE: LAKE CITY DEPARTMENT: ENGINEERING DWG. E10



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

STATE CERTIFICATION  
EC-1198

D

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THAN TO PERSONS FOR WHICH IT IS REQUIRED TO  
PERFORM WORK FOR VEI IS NOT AUTHORIZED.



REFERENCE ONLY

GENERAL NOTES

- 1. CONFIRM RACEWAY AND BOX REQUIREMENTS WITH ALARM SYSTEM PROVIDER.
- 2. WORK ON THIS SHEET SHALL BE PERFORMED BY ALARM SYSTEM PROVIDER.
- 3. BOXES AND RACEWAY WILL BE PROVIDED BY ELECTRICAL CONTRACTOR. ALL INSTALLATION REQUIREMENTS MUST BE COORDINATED WITH OWNER AND SECURITY SYSTEM INSTALLER.

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

1 SECURITY  
SCALE: 1/4"=1'0"

PROPRIETARY AND CONFIDENTIAL  
INFORMATION IN THIS DOCUMENT IS  
CONSIDERED PROPRIETARY BY VEI. RELEASE OTHER  
THAN TO PERSONS FOR WHICH IT IS REQUIRED TO  
PERFORM WORK FOR VEI IS NOT AUTHORIZED.

3					
2					
1					
REV	DATE	REVISION NOTES	BY	APPRV	BY
TITLE: CAMPUS USA CREDIT UNION LAKE CITY BRANCH - BANKING LANE SECURITY PLAN					
DRAWN BY: SM	DATE: 05/07/13	CHK BY: MM	DATE: 05/08/13	SHT: 11 of 11	SCALE: AS NOTED
PROJECT CODE: CUSA	SITE: LAKE CITY	DEPARTMENT: ENGINEERING	DWG. E11		
VEI		VINTAGE ELECTRIC INC. 2421 NW 71ST PL. GAINESVILLE, FL. 32618 PHONE: 352.371.8021 FAX: 352.371.8084		STATE CERTIFICATION EC-1198 D	



# SITE PLAN

FOR

## CAMPUS USA CREDIT UNION

COLUMBIA COUNTY, FLORIDA

SECTION 31, TOWNSHIP 3 SOUTH, RANGE 17 EAST

SUBMITTED TO

LAKE CITY

COLUMBIA COUNTY

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

FLORIDA DEPARTMENT OF TRANSPORTATION

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

### DEVELOPER/OWNER

JERRY BENTON  
CAMPUS USA CREDIT UNION  
2511 NW 41ST STREET  
GAINESVILLE, FL 32606  
(352) 335-9090

### SURVEYOR OF RECORD

MARK D. DUREN AND ASSOCIATES, INC.  
1604 SW SISTERS WELCOME ROAD  
LAKE CITY, FL 32025  
(386) 758-9831

### ENGINEER OF RECORD

DANIEL H. YOUNG, P.E.  
FL. PE NO. 70780  
CAUSSEUX, HEWETT, & WALPOLE, INC.  
132 NW 76TH DRIVE  
GAINESVILLE, FL 32607  
(352) 331-1976

### LANDSCAPE

BUFORD DAVIS & ASSOCIATES  
2406 NW 43RD STREET  
GAINESVILLE, FL 32606  
(352) 335-1896

### DEVELOPMENT DATA

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

1. INTENDED USE: 4,745 SF FINANCIAL INSTITUTION WITH ASSOCIATED PARKING, STORMWATER MANAGEMENT FACILITIES, AND UTILITIES.

2. NUMBER OF STORIES: 1 PROPOSED

3. NO. OF EMPLOYEES: < 10

PARKING REQUIREMENT: 1 SPACE PER 150 SF OF BUILDING

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

PARKING PROVIDED: 52 SPACES

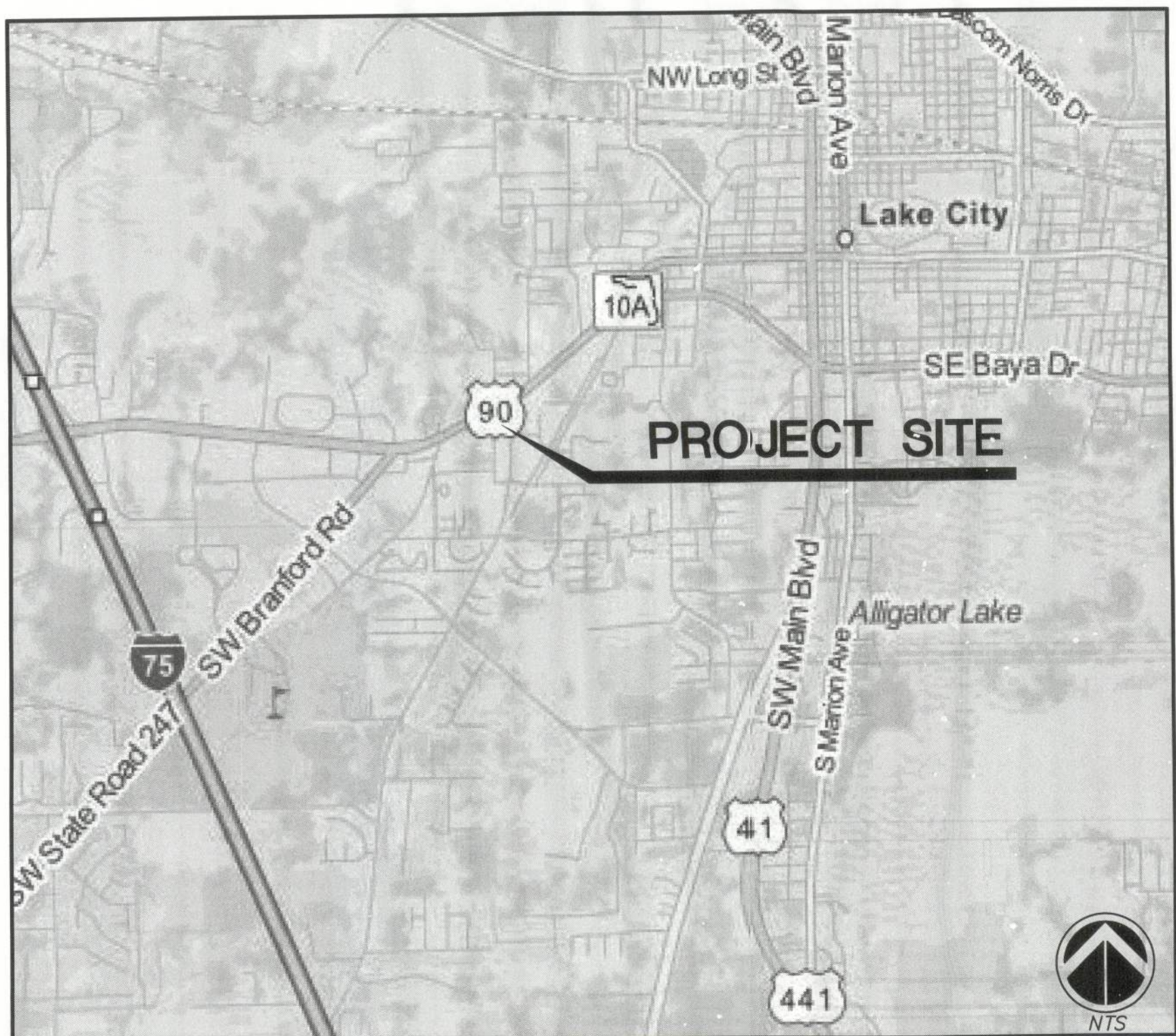
HANDICAP PARKING REQUIRED: 2 SPACES

HANDICAP PARKING PROVIDED: 3 SPACES

### 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	CONSTRUCTION DETAILS
C3.10-C3.11	DETAILED UTILITY PLAN
C3.20	UTILITY DETAILS
LS-1	LANDSCAPE PLAN

LEGAL DESCRIPTION:  
SEE SURVEY



VICINITY MAP



LOCATION MAP

Causseaux, Hewett, & Walpole, Inc.  
Engineering • Surveying • Planning  
Construction Engineering Inspection  
132 NW 76th Drive, Gainesville, Florida 32607  
Phone: (352) 331-1976 • Fax: (352) 331-5476 • www.chw-inc.com  
CA-0075



SCALE:  
N/A  
VERIFY SCALE  
BAR IS ONE INCH ON  
ORIGINAL DRAWING  
IF NOT ONE INCH ON  
ORIGINAL DRAWING,  
SCALE ACCORDINGLY.

REVISIONS:

SUBMITTALS:  
04/10/13-INITIAL SUBMITTAL TO COLUMBIA COUNTY,  
LAKE CITY & FDOT

CLIENT: CAMPUS USA CREDIT UNION  
PROJECT: CAMPUS USA CREDIT UNION  
LAKE CITY  
SHEET TITLE: COVER SHEET AND INDEX  
PROJECT NUMBER: 13-0055

TECHNICAL:  
T.F. COWART  
D.H. YOUNG, P.E.  
QUALITY CONTROL:  
A.S. ROBERTS, P.E.  
PROJECT NUMBER: 13-0055



FL PE No. 70780  
SHEET NO.:  
C0.00



BOUNDARY SURVEY  
IN SECTION 31,  
TOWNSHIP 3 SOUTH,  
RANGE 17 EAST,  
COLUMBIA COUNTY, FLA.

Curve number 2  
Radius= 4633.66'  
Delta= 00°21'08"  
Arc= 28.49'  
Tangent= 14.24'  
Chord= 28.49'  
Chord Brg.= S.60°04'58"W.  
Curve number 3  
Radius= 4633.66'  
Delta= 01°24'41"  
Arc= 114.14'  
Tangent= 57.07'  
Chord= 114.14'  
Chord Brg.= S.60°57'52"W.  
Curve number 4  
Radius= 4633.66'  
Delta= 01°23'34"  
Arc= 112.64'  
Tangent= 56.32'  
Chord= 112.64'  
Chord Brg.= S.62°22'00"W.

Curve number 5  
Radius= 4633.66'  
Delta= 01°50'41"  
Arc= 149.19'  
Tangent= 74.60'  
Chord= 149.19'  
Chord Brg.= S.63°59'07"W.

DESCRIPTION:  
LOTS 2, 3 & 4, OF "RIDGEWOOD MANOR" A SUBDIVISION AS PER PLAT THEREOF ON RECORD IN THE OFFICE OF THE CLERK OF THE COURT, COLUMBIA COUNTY, FLORIDA, PLAT BOOK 2, PAGE 105, OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA, LESS AND EXCEPT ROAD RIGHT-OF-WAYS.

- SURVEYOR'S NOTES:
1. BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF THE ORIGINAL SURVEY FOR SAID PLAT OF RECORD.
  2. BEARINGS BASED ON DEED OF RECORD USING MONUMENTS FOUND ON THE WEST LINE OF SAID LOT 2.
  3. THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD INSURANCE RATE MAP, DATED FEBRUARY 4, 2009, COMMUNITY PANEL NO. 12023C0291C.
  4. NO EASEMENT FOR DRAINAGE IS SHOWN ON THIS LOT IN RECORDS IN THE POSSESSION OF THIS OFFICE.
  5. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
  6. IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
  7. "NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER."
  8. CLOSURE OF FIELD SURVEY IS 1/102,202.
  9. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OR TITLE POLICY. THEREFORE EXCEPTION IS MADE HEREON REGARDING EASEMENTS, RESERVATIONS, RESTRICTIONS, AND/OR TITLE CONFLICTS OF RECORD, IF ANY, NOT PROVIDED BY THE CLIENT OR HIS AGENTS.
  10. CERTIFIED TO:


ROBERT P. MARTIN AND SHIRLEY E. MARTIN  
CAMPUS USA CREDIT UNION  
FEAGLE AND FEAGLE, ATTORNEYS, P.A.  
ATTORNEYS' TITLE FUND SERVICES, LLC  
OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY

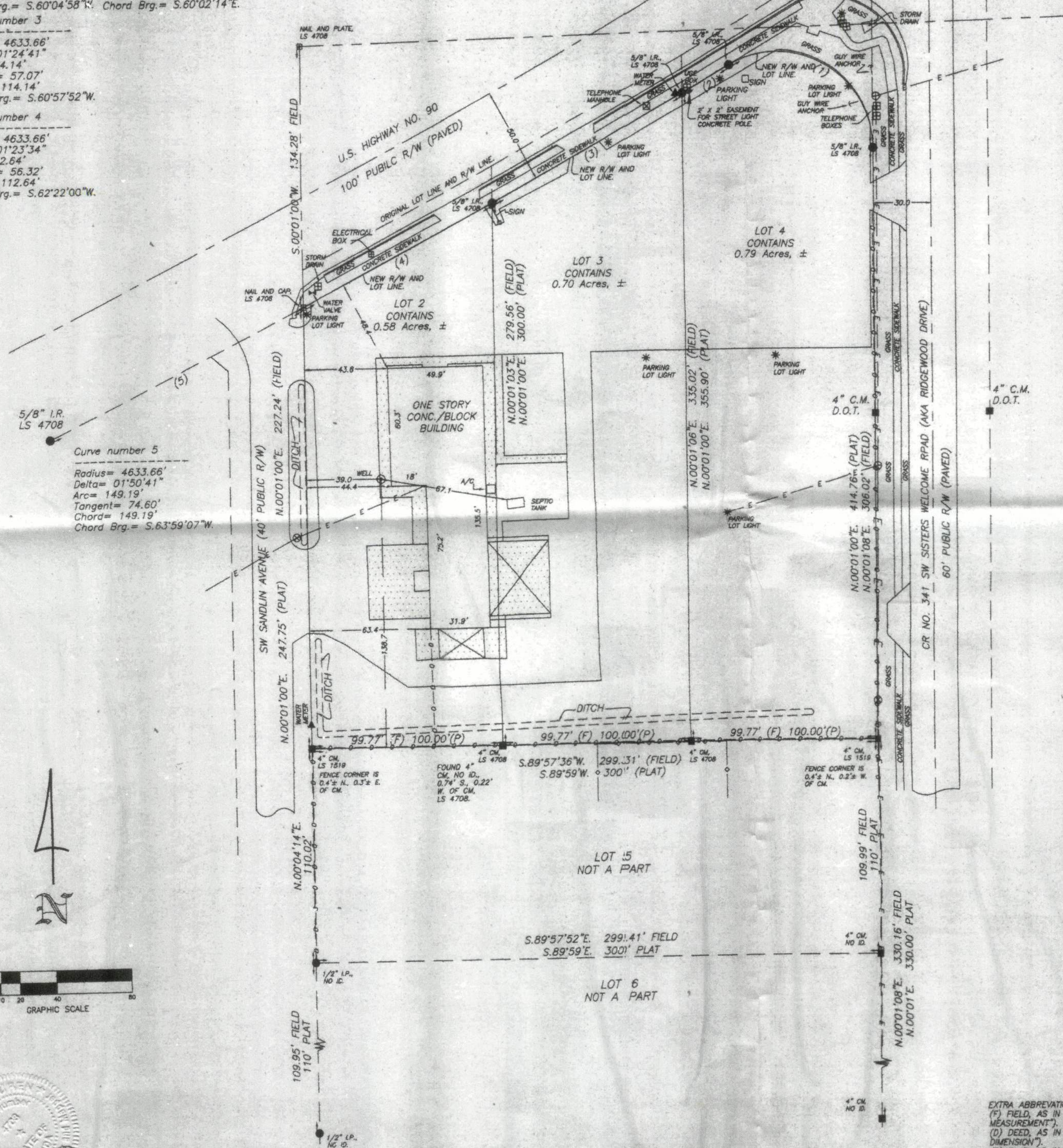
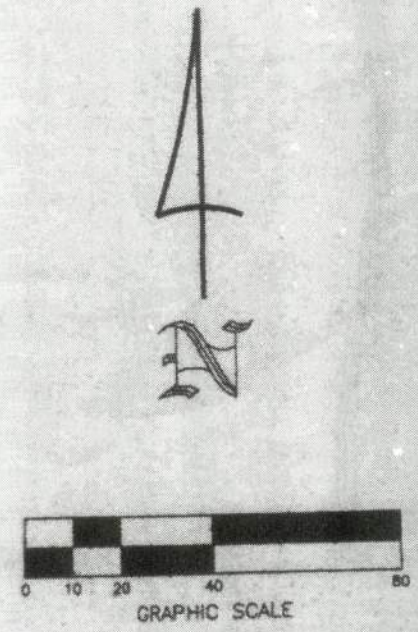
- SYMBOL LEGEND
- O.R.I. OFFICIAL RECORD INSTRUMENT
  - CONCRETE MONUMENT FOUND
  - CONCRETE MONUMENT SET, LS 4708
  - IRON PIN OR PIPE FOUND
  - 5/8" IRON ROD SET, LS 4708
  - WIRE FENCE
  - ELECTRIC UTILITY LINE (OVERHEAD)
  - UNDERGROUND ELECTRIC SERVICE
  - CABLE TV LINE (OVERHEAD)
  - CHAIN LINK FENCE
  - WOODEN FENCE
  - CORRUGATED METAL ROOF
  - REINFORCED CONCRETE PIPE
  - LAND SURVEYOR
  - L.S. LICENSED BUSINESS
  - O.R.B. OFFICIAL RECORD BOOK
  - P.R.M. PERMANENT REFERENCE MONUMENT
  - P.C.P. PERMANENT CONTROL POINT
  - UTILITY POLE
  - R/W RIGHT-OF-WAY
  - NO ID. NO IDENTIFICATION
  - FLA. D.P.T. FLA. DEPT. OF TRANSPORTATION
  - C.M. CENTERLINE
  - I.R. IRON ROD
  - I.P. IRON PIPE

MARK D. DUREN AND ASSOCIATES, INC.  
LB 7820  
1604 SW SISTERS WELCOME ROAD  
LAKE CITY, FLA. 32025  
(386) 758-9831 OFFICE  
(386) 758-8010 FAX

FIELD SURVEY DATE: DECEMBER 8, 2012  
DATE DRAWN: DECEMBER 7, 2012  
FOR: MARTIN  
FIELD BOOK SET FILE NAME: 12-267  
DRAWN BY: M. DUREN  
W.D. 12-267  
REV 00-181

EXTRA ABBREVIATION:  
(F) FIELD, AS IN "FIELD MEASUREMENTS"  
(D) DEED, AS IN "DEED DIMENSION"  
(P) PLAT, AS IN "PLAT DIMENSION"  
(R) RECORD, AS IN "RECORD DIMENSION"

SIGNED:   
MARK D. DUREN, LS 4708





GENERAL NOTES

1. THE EXISTING INFORMATION SHOWN HEREON WERE TAKEN FROM A BOUNDARY SURVEY PREPARED BY MARK D. DUREN AND ASSOCIATES, INC., AND DATED DECEMBER 7, 2012. THE EXISTING TOPOGRAPHIC INFORMATION SHOWN HEREON WERE TAKEN FROM A TOPOGRAPHIC SURVEY PREPARED BY CAUSSEAU, HEWETT, & WALPOLE, INC., AND DATED MARCH 8, 2013.
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. 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 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 PILES 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, SEEDDED, 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 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 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. 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 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 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, BACKFILLED WITH ARCHER FILL (HAVING NO MORE THAN 5% PASSING NO. 200 SIEVE), AND GRADED TO FINAL DESIGN GRADES. EXCESS AND UNSUITABLE SOILS SHALL BE REMOVED FROM THE BASIN (REMOVE ALL ACCUMULATED SILTS, CLAYS, ORGANIC, AND DEBRIS). FINALLY, SCARIFY AND RAKE BOTTOM AND VEGETATE.
- 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.

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 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 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 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 #14 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 NO. 281. ALL OTHER DISTURBED AREAS SHALL BE SEEDDED 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 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 CONSTRUCTOR 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. FDOT FLEXIBLE PAVEMENT DESIGN MANUAL FOR NEW CONSTRUCTION AND PAVEMENT REHABILITATION
- SHOULD A CONFLICT ARISE BETWEEN THE DETAILS SHOWN IN THE PLANS AND THE DEPARTMENT OF TRANSPORTATION STANDARDS THE ENGINEER/ PERMITTEE SHALL IMMEDIATELY CONFER WITH THE DEPARTMENT'S ENGINEER IN ORDER TO RESOLVE THE DISCREPANCY. IN NO CASE WILL ANYTHING LESS THAN THE DEPARTMENT'S MINIMUM STANDARD BE ALLOWED.
2. ALL TRAFFIC STRIPING AND MARKINGS ARE TO BE LEAD-FREE, NON-SOLVENT BASED THERMOPLASTIC.
3. REMOVAL OF EXISTING STRIPING SHALL BE ACCOMPLISHED USING THE "HYDRO-BLAST" METHOD.
4. ALL CURB AND GUTTER AND SIDEWALK WILL BE REMOVED AND REPLACED JOINT TO JOINT.
5. ALL DISTURBED AREA WITH THE DEPARTMENT OF TRANSPORTATION RIGHT OF WAY WILL RESTORED TO ORIGINAL OR BETTER CONDITION BY GRADING AND SODDING THE AREA DISTURBED (BERMUDA IN RURAL, CENTIPEDE IN UTILITY STRIPS).

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SCALE: N/A  
VERIFY SCALE  
BARS IS ONE INCH ON ORIGINAL DRAWING  
IF NOT ONE INCH ON ORIGINAL DRAWING, DIMENSIONS SHALL BE IN ACCORDANCE WITH DIMENSIONS SHOWN ON DRAWING.

REVISIONS

SUBMITTALS: 04/10/13=INITIAL SUBMITTAL TO COLUMBIA COUNTY, LAKE CITY & FDOT

CLIENT: CAMPUS USA CREDIT UNION  
PROJECT: CAMPUS USA CREDIT UNION  
SHEET TITLE: GENERAL NOTES

DESIGNED BY: D.F. COVART  
CHECKED BY: D.H. YOUNG, P.E.  
QUALITY CONTROL: A.S. ROBERTS, P.E.  
PROJECT NUMBER: 13-0055

DANIEL H. YOUNG  
FL PE No. 70780  
SHEET NO. C0.10











STORMWATER POLLUTION PREVENTION LEGEND

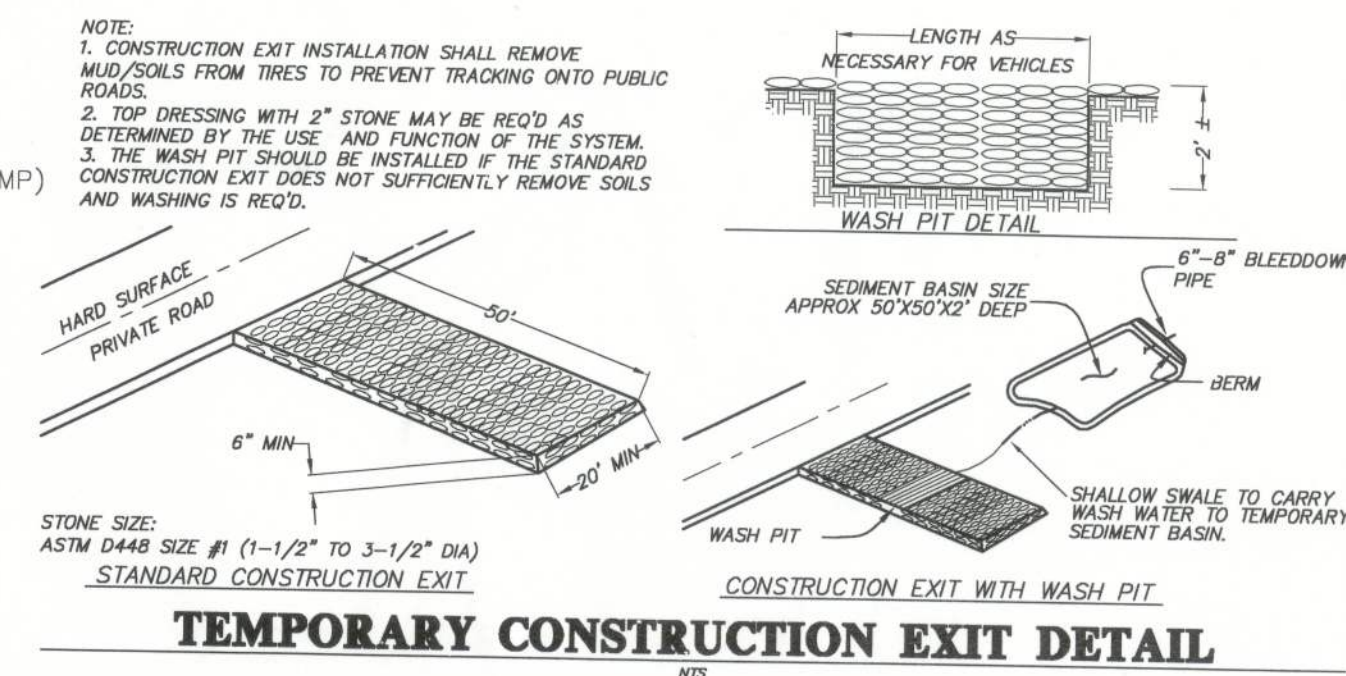
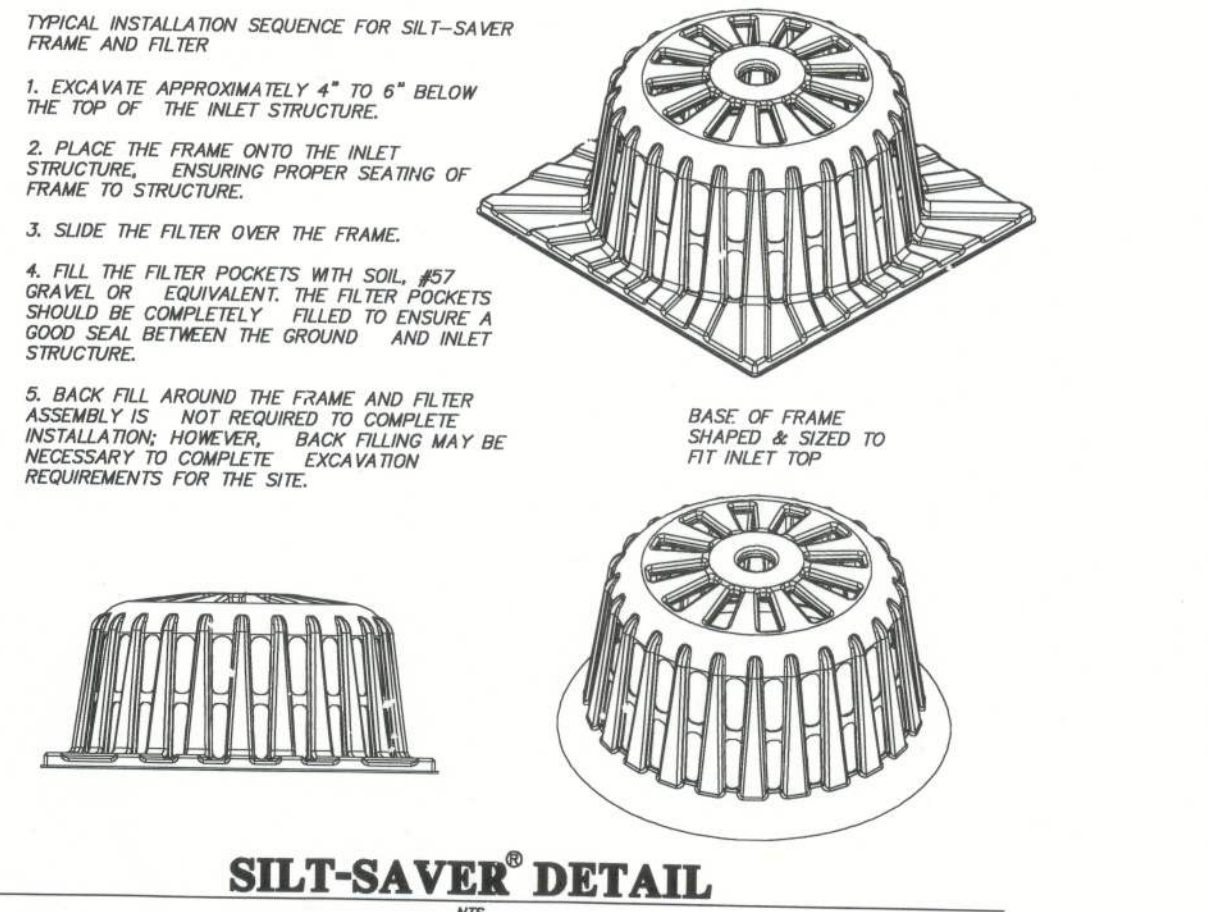
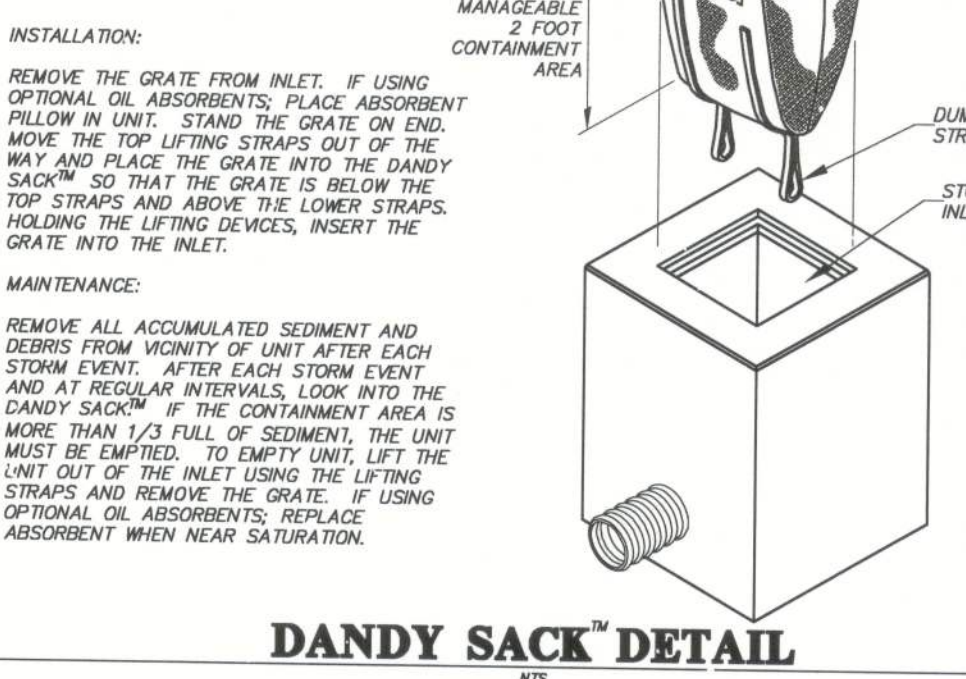
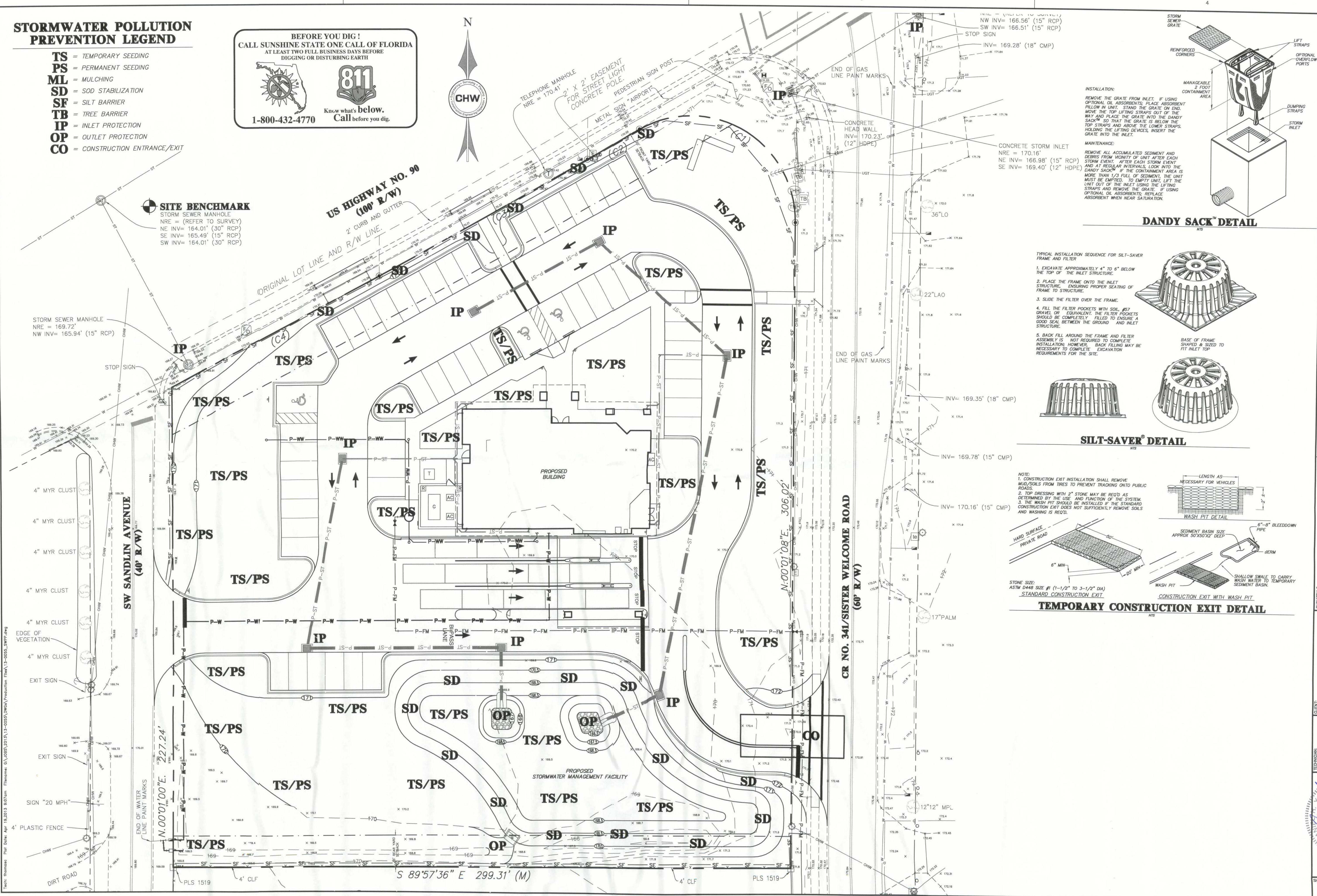
- TS = TEMPORARY SEEDING
- PS = PERMANENT SEEDING
- ML = MULCHING
- SD = SOD STABILIZATION
- SF = SILT BARRIER
- TB = TREE BARRIER
- IP = INLET PROTECTION
- OP = OUTLET PROTECTION
- CO = CONSTRUCTION ENTRANCE/EXIT

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REVIEW TYPE	DATE	INITIALS	DATE	INITIALS
DESIGNED				
CHECKED				
IN CHARGE				
APPROVED				

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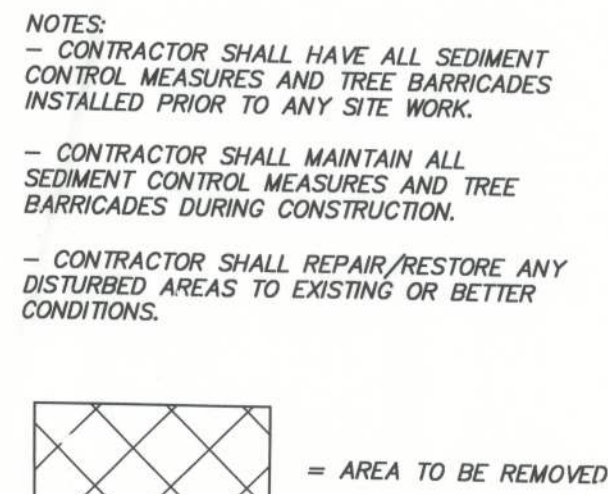
CHW  
Professional Engineer  
No. 13-0055

FL PE No. 70780  
SHEET NO. 13-0055

DATE: 04/10/13  
SUBMITTAL: 04/10/13  
REVISIONS: 04/10/13  
PROJECT: CAMPUS USA CREDIT UNION  
SHEET TITLE: STORMWATER POLLUTION PREVENTION PLAN



Tech: thomasc Plot Date: Apr 17, 2013 10:52am Filename: G:\JOBS\2013\13-0055\DWG\Production Files\13-0055\_DM.dwg



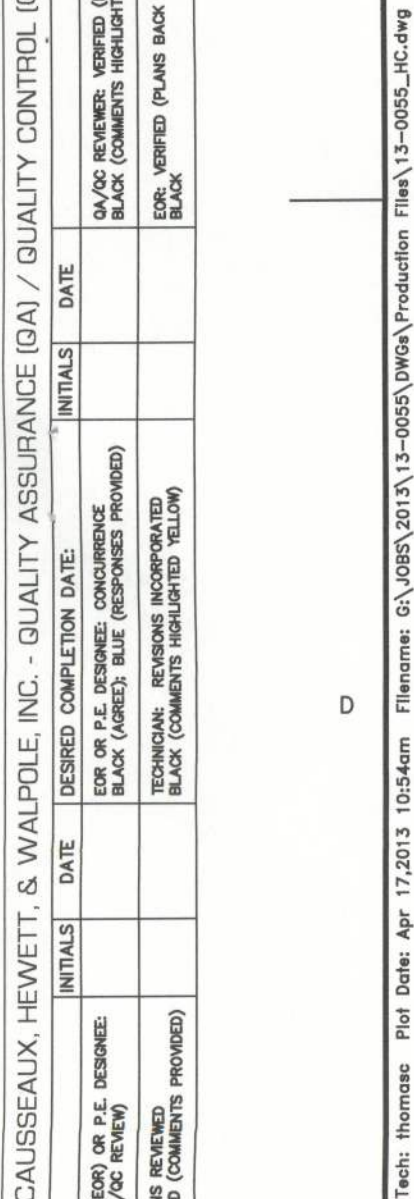
REVISIONS	SUBMITTALS
	04/10/13 INITIAL SUBMITTAL TO COLUMBIA COUNTY, LAKE CITY & FDOT

CAMPUS USA CREDIT UNION		DENOMINATION PLAN
PROJECT:	CAMPUS USA CREDIT UNION LAKE CITY	
SHEET TITLE:	PROJECT NUMBER: <b>13-0055</b>	
T.F. COWART DESIGNER: D.H. YOUNG, P.E. QUALITY CONTROL: A.S. ROBERTS, P.E.	DANIEL YOUNG APR 3 1983	
FL PE No. 70780		
SHEET NO.	<b>C0.30</b>	







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### H.C. PARKING SIGN DETAIL

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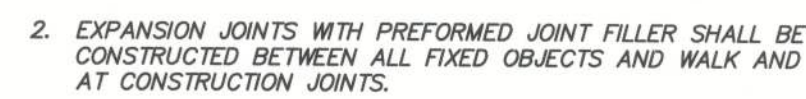
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7. "PRE-CUT" ROOTS AT LIMITS OF CONSTRUCTION TO PREVENT TEARING BY EQUIPMENT.



## NTS

## NTS

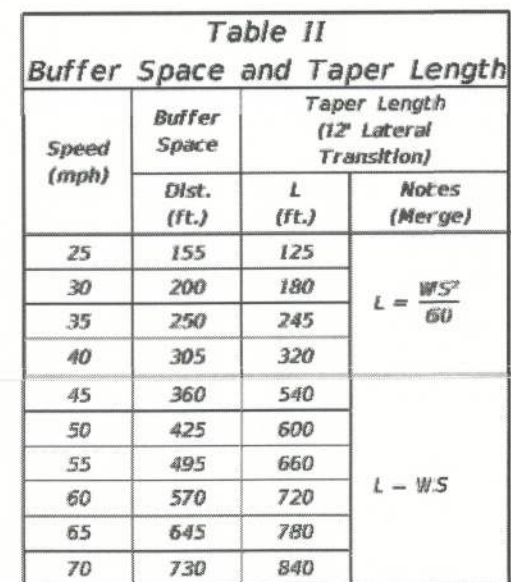
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Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
50 to 70	25	50	50	100

*When Buffer Space cannot be attained due to geometric constraints, the greatest attainable length shall be used, but not less than 200 ft.*

For lateral transitions other than 12', use  
Where:

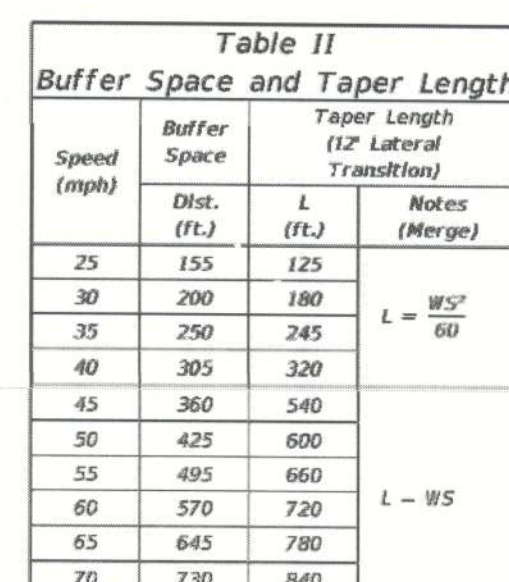
*L* = Length of taper in feet  
*W* = Width of lateral transition in feet  
*S* = Posted speed limit (mph)

**DURATION NOTES**

1. Temporary vehicle pileup may be omitted for work operations less than 3 consecutive calendar days.
2. For work operations up to approximately 15 minutes, slips, channelizing devices, arrow board, and buffer space may be omitted if all of the following conditions are met:
  - a. Speed limit is 45 mph or less.
  - b. No slope obstructions to vehicle approaching the work area for a distance equal to the buffer space and the taper length combined.
  - c. Volume and complexity of the roadway has been considered.
  - d. The work area is controlled by a class 5 or larger, medium duty truck(s) with a minimum gross weight vehicle rating (GWRV) of 16,001 lb with high-intensity, rotating, flashing, oscillating, or strobe lights mounted above the cab height and operating.
3. For work operations up to 60 minutes, arrow board and buffer space may be omitted if conditions a, b, and c in DURATION NOTE 2 are met, and vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

### CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT,  
WORKERS OR THEIR ACTIVITIES  
ENCROACH ON THE LANE ADJACENT  
TO EITHER SHOULDER AND THE  
AREA 2' OUTSIDE THE EDGE OF  
TRAVEL WAY,



Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
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When Buffer Space cannot be attained due to geometric constraints, the greatest attainable length shall be used, but not less than 200 ft.

For lateral transitions other than 12', use  
Where:

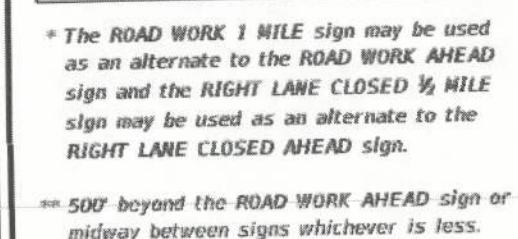
*L* = Length of taper in feet  
*W* = Width of lateral transition in feet  
*S* = Posted speed limit (mph)

**DURATION NOTES**






- ## DURATION NOTES
1. Temporary work activities may be omitted for work operations less than 3 consecutive calendar days.
  2. For work operations up to approximately 15 minutes, signs, channelizing devices, arrow board, and buffer space may be omitted if all of the following conditions are met:
    - a. Speed limit is 45 mph or less.
    - b. No sight obstruction exists for approaching the work area for a distance equal to the buffer space and the taper length combined.
    - c. Volume and complexity of the roadway has been considered.
  3. The closing lane is occupied by a class 5 or larger, medium duty truck(s) with a minimum gross weight vehicle rating (GVWR) of 16,001 with high-intensity, rotating, flashing, oscillating, or strobe lights mounted above the cab height and operating.
  3. For work operations up to 60 minutes, arrow board and buffer space may be omitted if conditions a, b, and c in DURATION NOTE 2 are met, and vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights mounted above the cab height and operating.

### CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT,  
WORKERS OR THEIR ACTIVITIES  
ENCROACH ON THE LANE ADJACENT  
TO EITHER SHOULDER AND THE  
AREA 2' OUTSIDE THE EDGE OF  
TRAVEL WAY.



## SYMBOLS

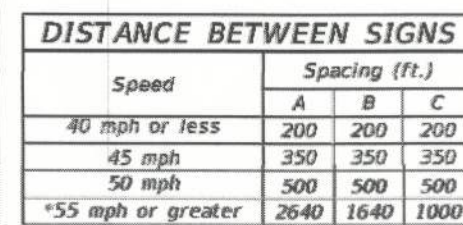
-  **Work Area**
-  **Sign With 18"x 18" (Min.) Orange Flag And Type B Light**
-  **Channelizing Device (See Index No. 600)**
-  **Work Zone Sign**
-  **Advance Warning Arrow Board**

LAST REVISION	REVISION	DESCRIPTION:
07/01/09		






FDOT DESIGN STANDARDS  
2013

**MULTILANE, WORK WITHIN TRAVEL WAY  
MEDIAN OR OUTSIDE LANE**

INDEX NO.	SHE NO.
613	1



## SYMBOLS

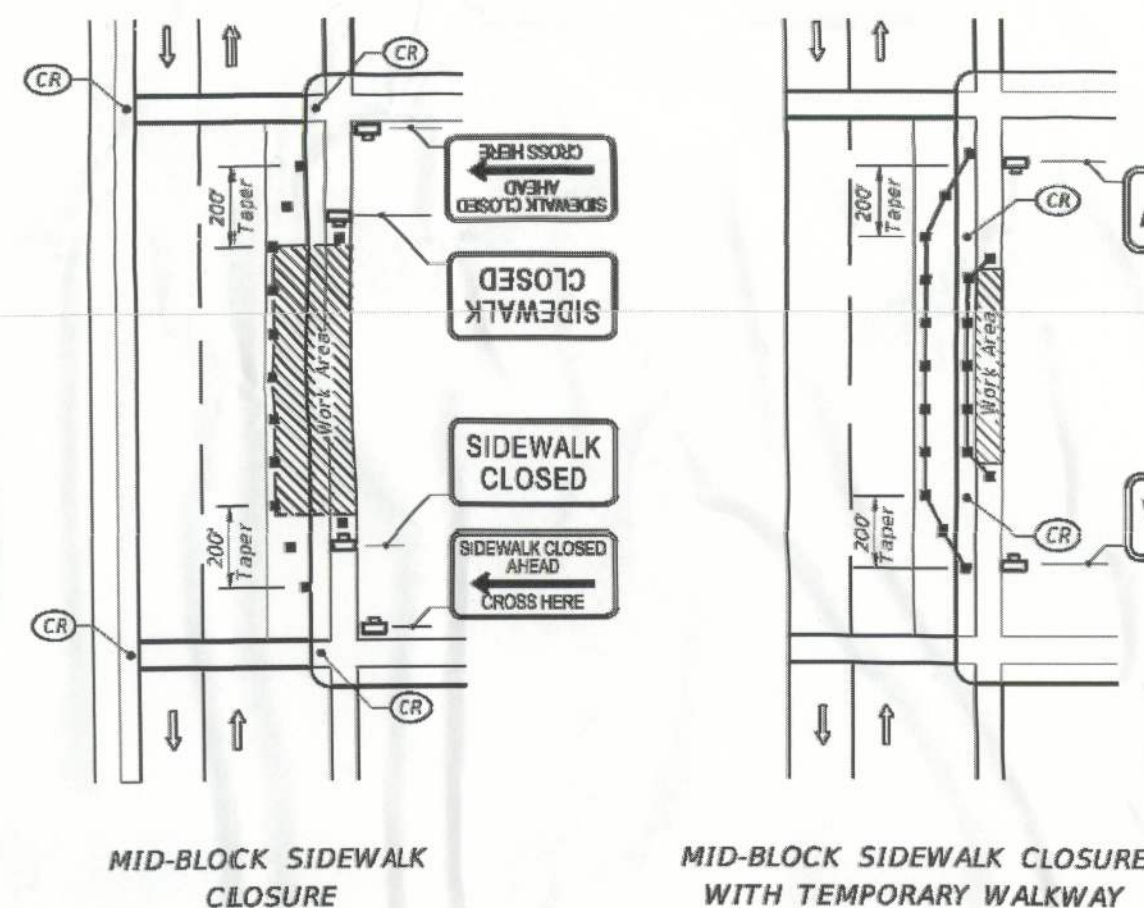
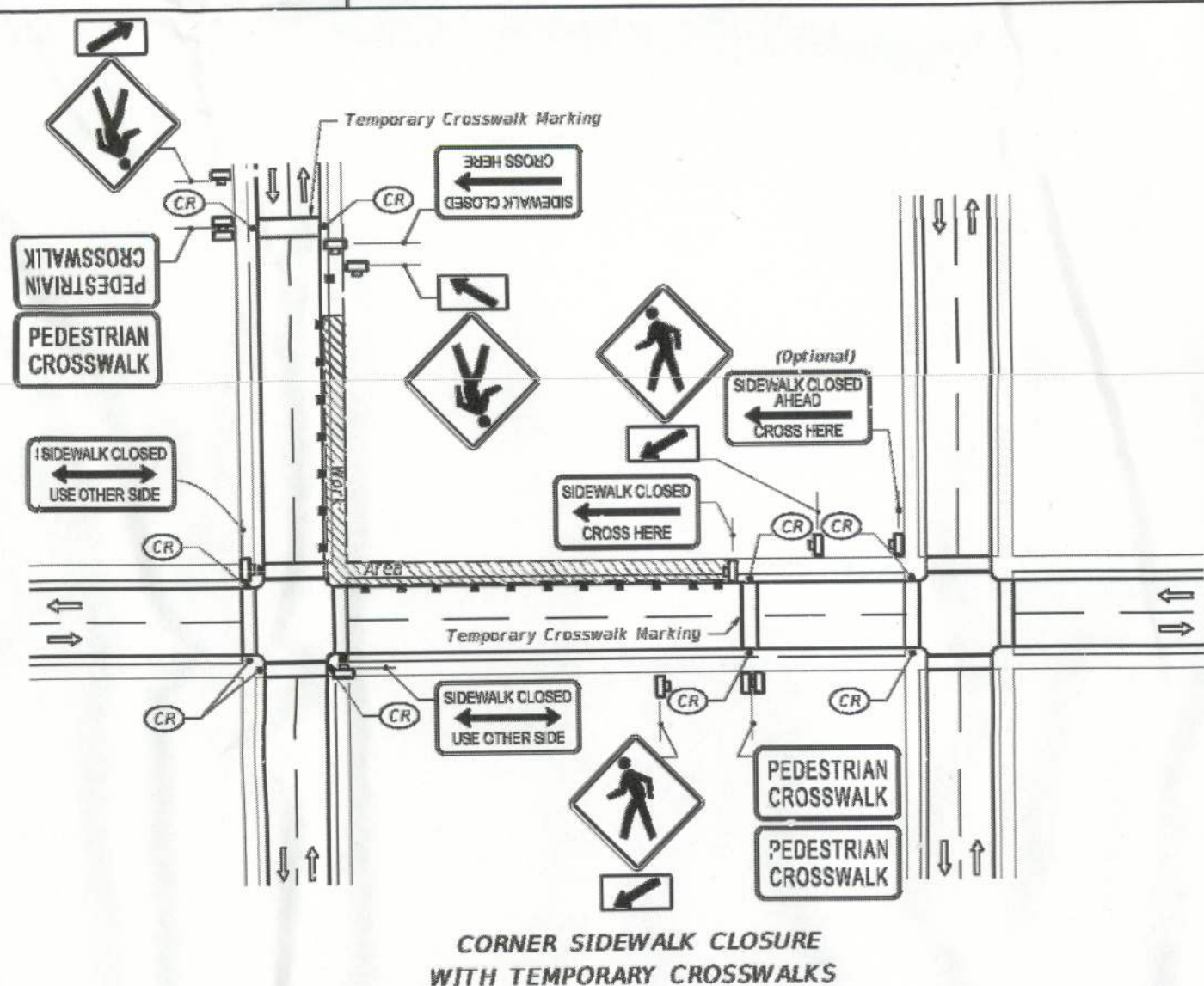
- |   |   |
|---|---|
|  | <b>Work Area</b>  |
|  | <i>Sign With 18"x 16" (Min.)<br/>Orange Flag And Type B Light</i> |
|  | <b>Channelizing Device (See Index No. 600)</b>                    |
|  | <b>Work Zone Sign</b>   |
|  | <b>Advance Warning Arrow Board</b>                                |

LAST REVISION	REVISION	DESCRIPTION:
07/01/09		

FDOT DESIGN STANDARDS  
2013

**MULTILANE, WORK WITHIN TRAVEL WAY  
MEDIAN OR OUTSIDE LANE**

INDEX NO.	SHE NO.
612	1

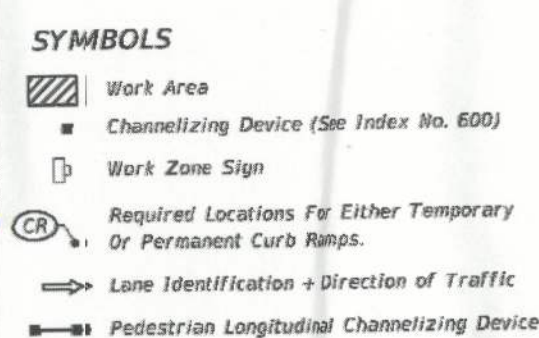


## GENERAL NOTES

1. Only the signs controlling pedestrian flows are shown. Other work zone signs will be needed to control traffic on the streets.
2. For spacing of traffic control devices and general TC2 requirements refer to Index No. 600. Maximum spacing between barricades, vertical panels, drums or tubular markers shall not be greater than 25'.
3. Street lighting should be considered.
4. For nighttime closures use Type A flashing warning lights on barricades supporting signs and closing sidewalks. Use Type C steady-bare lights on channelizing devices separating the work area from vehicular traffic.
5. Pedestrian traffic signal display controlling closed crosswalks shall be covered or deactivated.
6. Post Mounted Signs located near or adjacent to a sidewalk shall have a minimum clearance from the bottom of sign to the sidewalk.
7. When construction activities involve sidewalks on both sides of the street, efforts should be made to stage the construction so that both sidewalks are not out of service at the same time.
8. In the event that sidewalks on both sides of the street are closed, pedestrians shall be guided around the construction zone.
9. Temporary walkways shall be a minimum 4' wide with a maximum 0.02 cross slope and a maximum 0.05 running slope between ramps. Temporary walkways less than 12' in width shall provide for a 5' x 5' passing space at intervals not to exceed 50'. Temporary ramps shall meet the requirements for curb ramps specified in Index No. 600. Temporary walkway surfaces and ramps shall be stable, firm, slip resistant, and keep free of any obstructions and hazards such as holes, debris, mud, construction equipment, stored materials, etc.
10. Temporary ramps and temporary crosswalk markings shall be removed with reopening of the sidewalk, unless otherwise noted in the plans. All work and materials associated with constructing temporary curb ramps and temporary crosswalks, markings, removal and disposal of temporary curb ramps and temporary crosswalk markings, and restoration to original condition shall be paid for as Maintenance of Traffic, Lamp Sum.

### CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT  
WORKERS OR THEIR ACTIVITIES  
ENCROACH ON THE SIDEWALK FOR A  
PERIOD OF MORE THAN 60 MINUTES



LAST REVISION	REVISION	DESCRIPTION:
07/01/12		


**FDOT DESIGN STANDARDS**  
**2013**

## PEDESTRIAN CONTROL FOR CLOSURE OF SIDEWALKS

INDEX NO. 660	SHEET NO. 1
---------------------	-------------------

**BEFORE YOU DIG !**  
**CALL SUNSHINE STATE ONE CALL OF FLORIDA**  
 AT LEAST TWO FULL BUSINESS DAYS BEFORE  
 DIGGING OR DISTURBING EARTH





**Know what's below.**  
**Call before you dig.**

**1-800-432-4770**

SUBMITTALS:  
04/10/13-INITIAL SUBMITTAL TO COLUMBIA COUNTY,  
LAKE CITY & FDOT

ENGINEER:	CAMPUS USA CREDIT UNION
DRAWN BY:	CAMPUS USA CREDIT UNION
DESIGNED BY:	CAMPUS USA CREDIT UNION
CHECKED BY:	CAMPUS USA CREDIT UNION
PROJECT:	CAMPUS USA CREDIT UNION LAKE CITY
PROJECT NUMBER:	CONSTRUCTION DETAILS
SHEET NUMBER:	

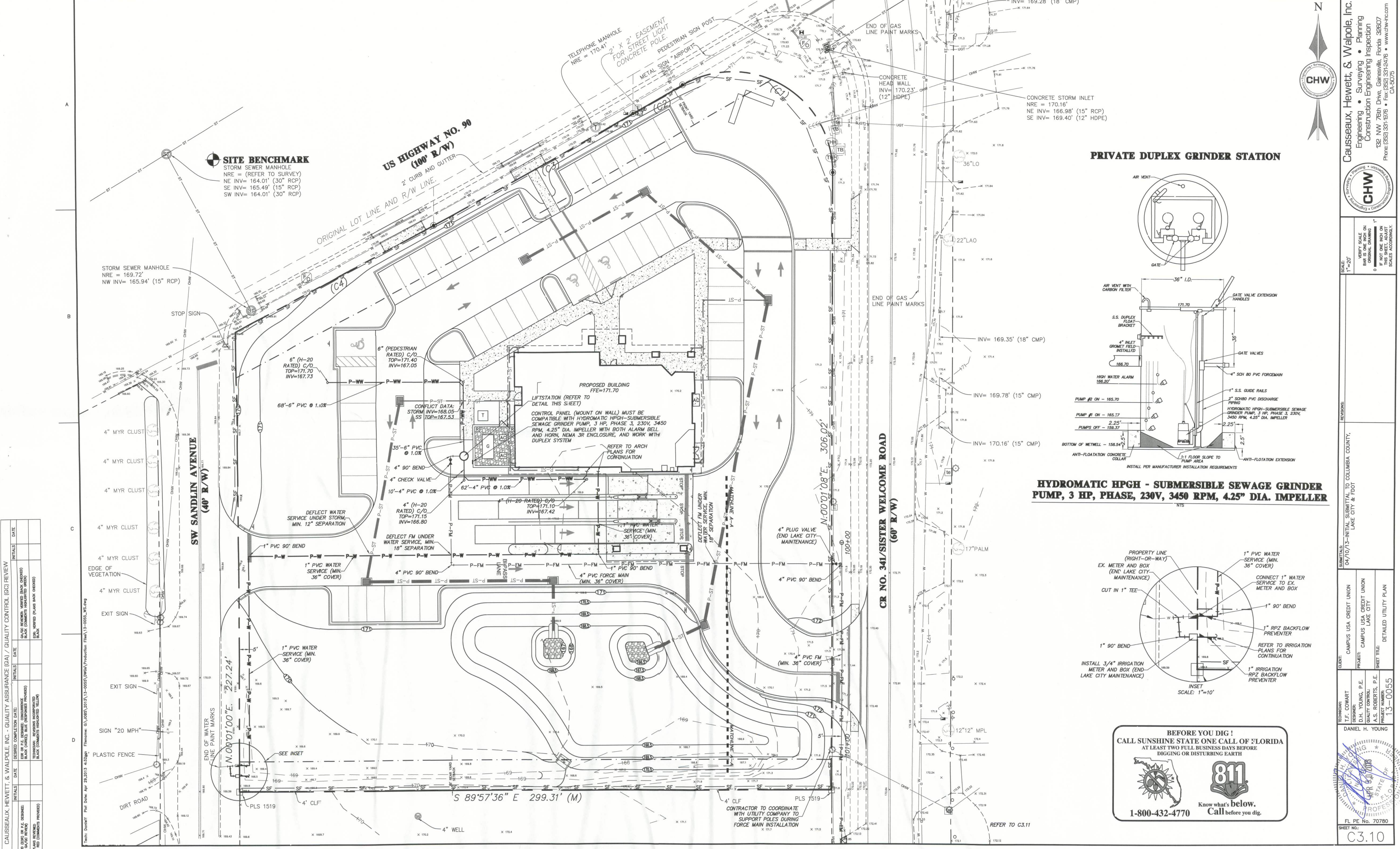
NAME	DATE	SCORE	GRADE
DANIEL H. YOUNG			

FL PE No. 70780

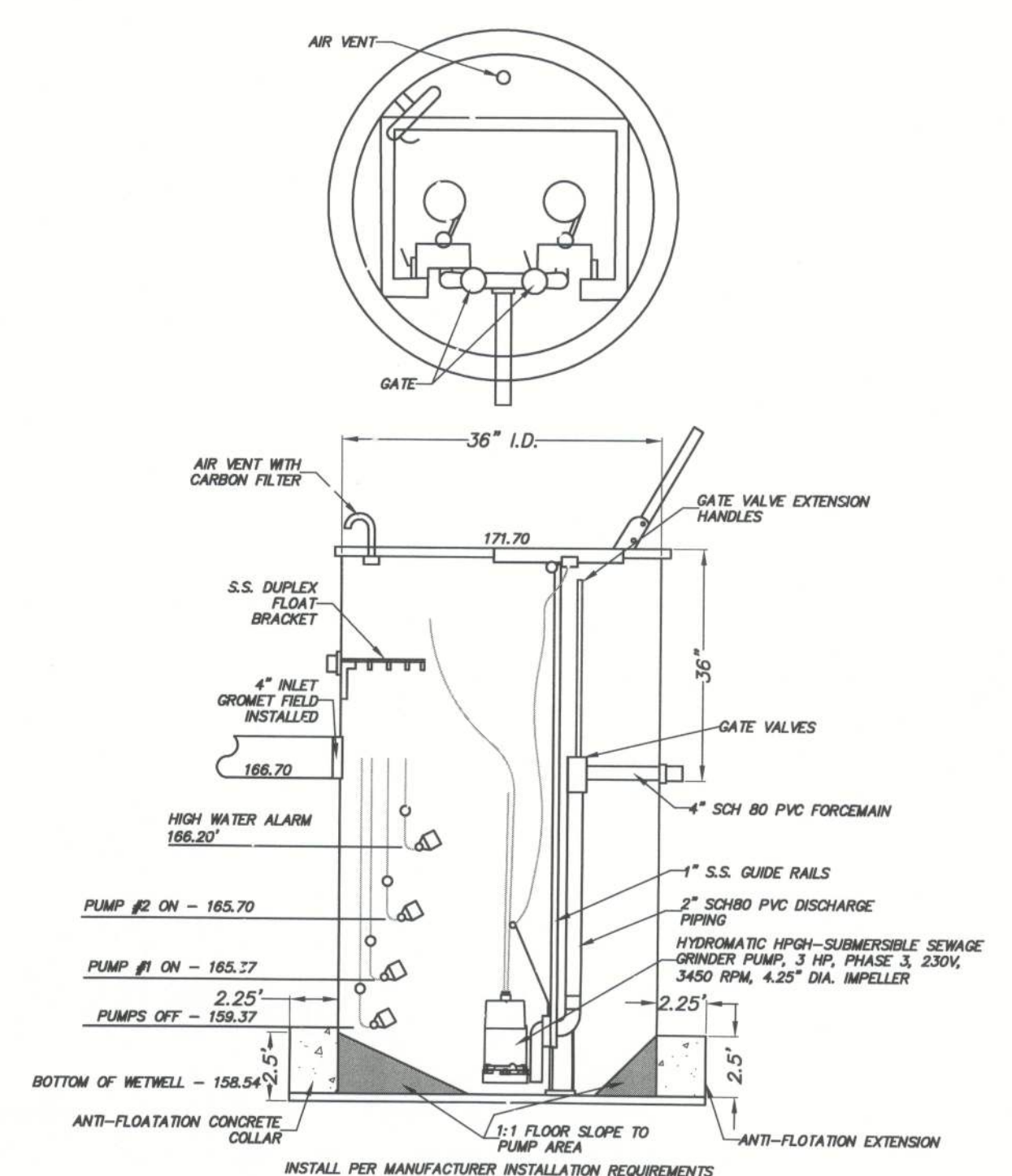
SHEET NO.:  
C2.31



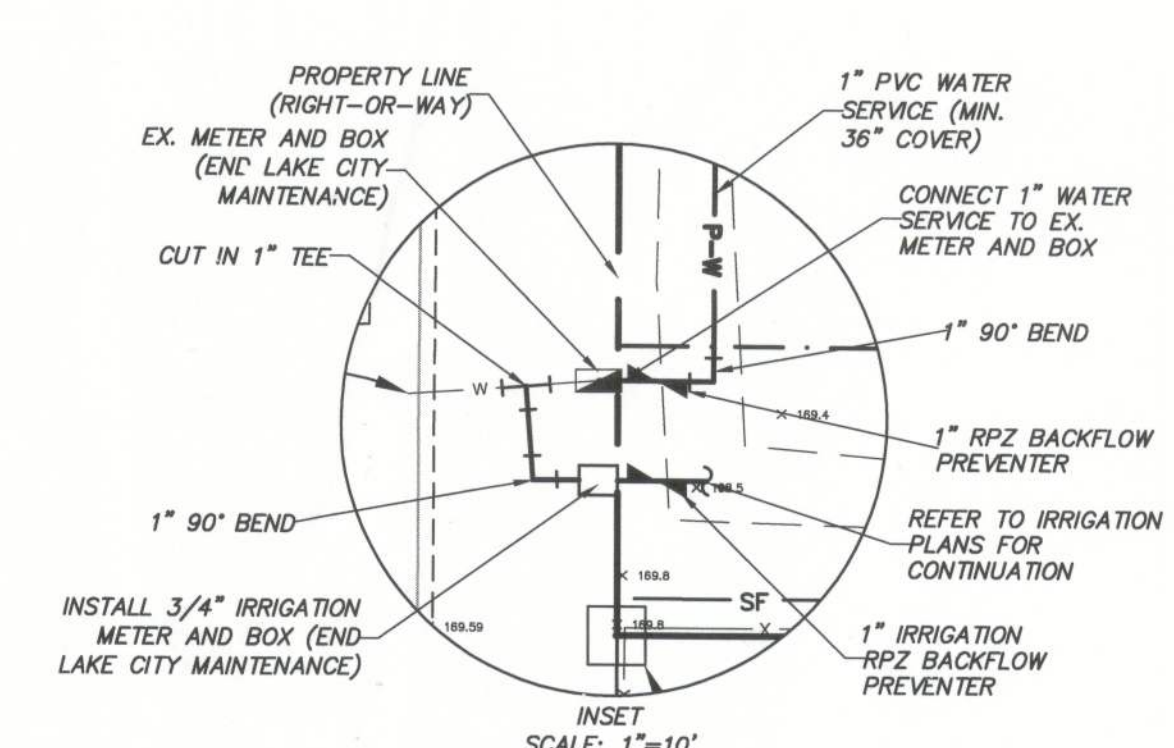
REVIEW TYPE	DATE	INITIALS	DATE	INITIALS
DESIGNED				
CHECKED				
IN CHARGE				
QUALITY CONTROL				
CONSTRUCTION				



**PRIVATE DUPLEX GRINDER STATION**



**HYDROMATIC HPGH - SUBMERSIBLE SEWAGE GRINDER PUMP, 3 HP, PHASE, 230V, 3450 RPM, 4.25\"/>**



**BEFORE YOU DIG!**  
**CALL SUNSHINE STATE ONE CALL OF FLORIDA**  
 AT LEAST TWO FULL BUSINESS DAYS BEFORE  
 DIGGING OR DISTURBING EARTH

**811**  
 Know what's below.  
 Call before you dig.

1-800-432-4770

**Causseaux, Hewett, & Walpole, Inc.**  
 Engineering • Planning  
 Construction Engineering Inspection  
 132 NW 76th Drive, Gainesville, Florida 32607  
 Phone: (352) 331-1576 • Fax: (352) 331-1576 • www.chw-inc.com  
 CA-5075

**CHW**

Surveying • Engineering • Construction

SCALE: 1"=20'

VERIFY SCALE  
 BAR IS ONE INCH ON  
 ORIGINAL DRAWING  
 IF NOT ONE INCH ON  
 THIS SHEET, ADJUST  
 SCALES ACCORDINGLY

SUBMITTALS: 04/10/13-INITIAL SUBMITTAL TO COLUMBIA COUNTY, LAKE CITY & FDOT

CLIENT: CAMPUS USA CREDIT UNION

PROJECT: CAMPUS USA CREDIT UNION LAKE CITY

TECHNICAL: T.F. COWART

DESIGNER: DANIEL H. YOUNG

QUALITY CONTROL: A.S. ROBERTS, P.E.

PROJECT NUMBER: 13-0055

DRAWING NUMBER: 13-0055

FL PE No. 70780

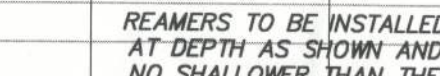
SHEET NO.: C3.10



CONTRACTOR TO RESTORE  
EXISTING RIGHT-OF-WAY TO  
EXISTING OR BETTER CONDITION;  
SOD ALL DISTURBED AREA



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

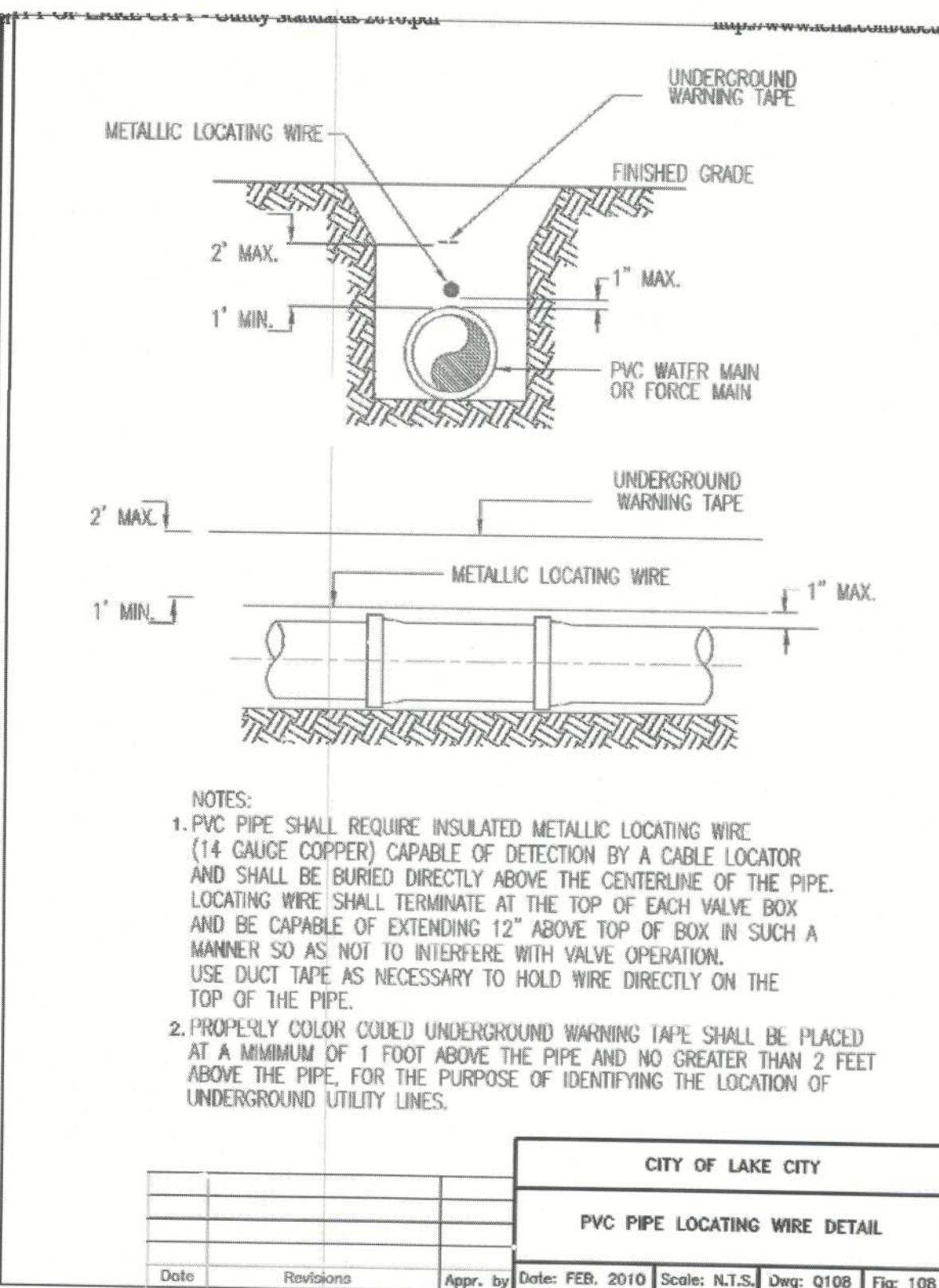
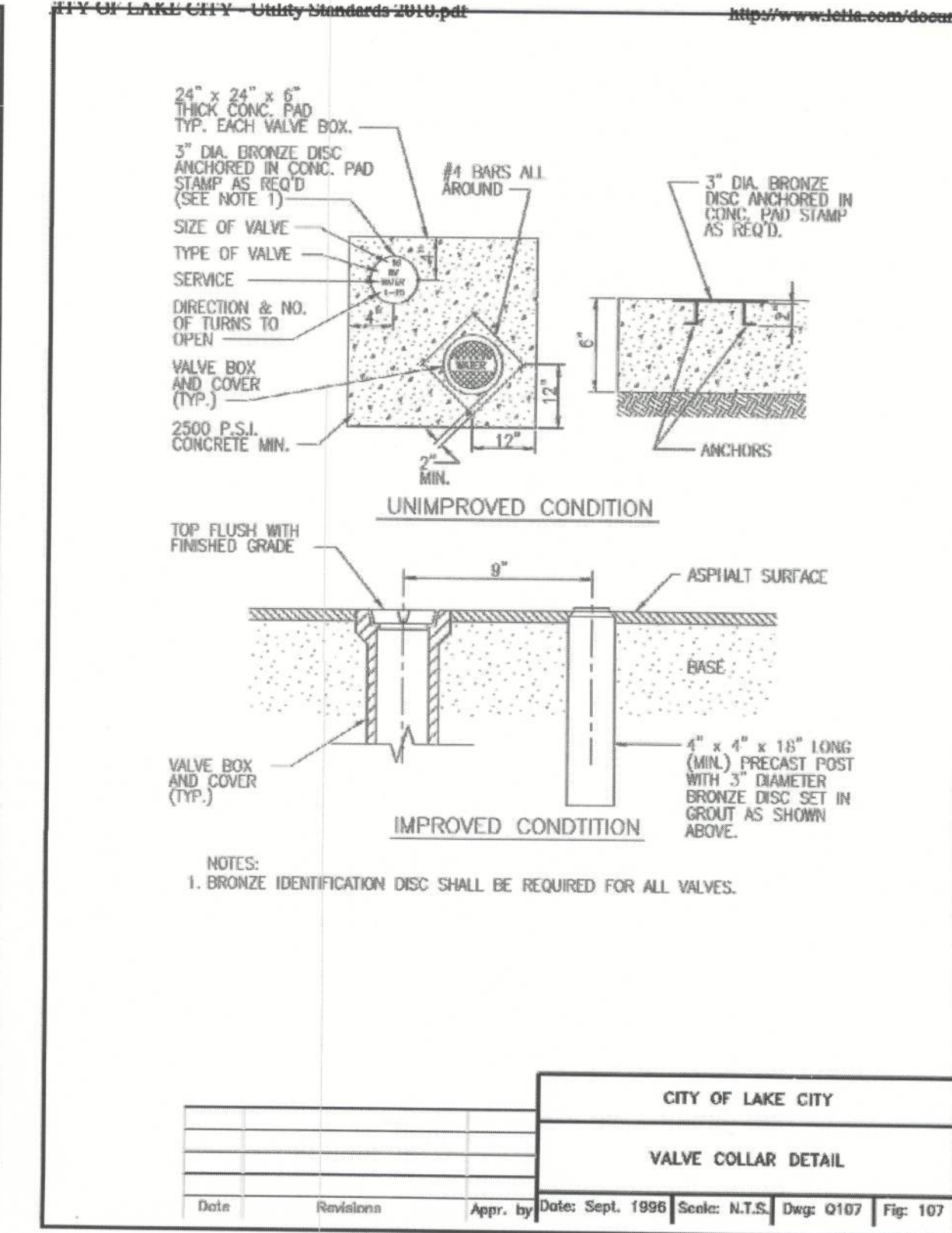
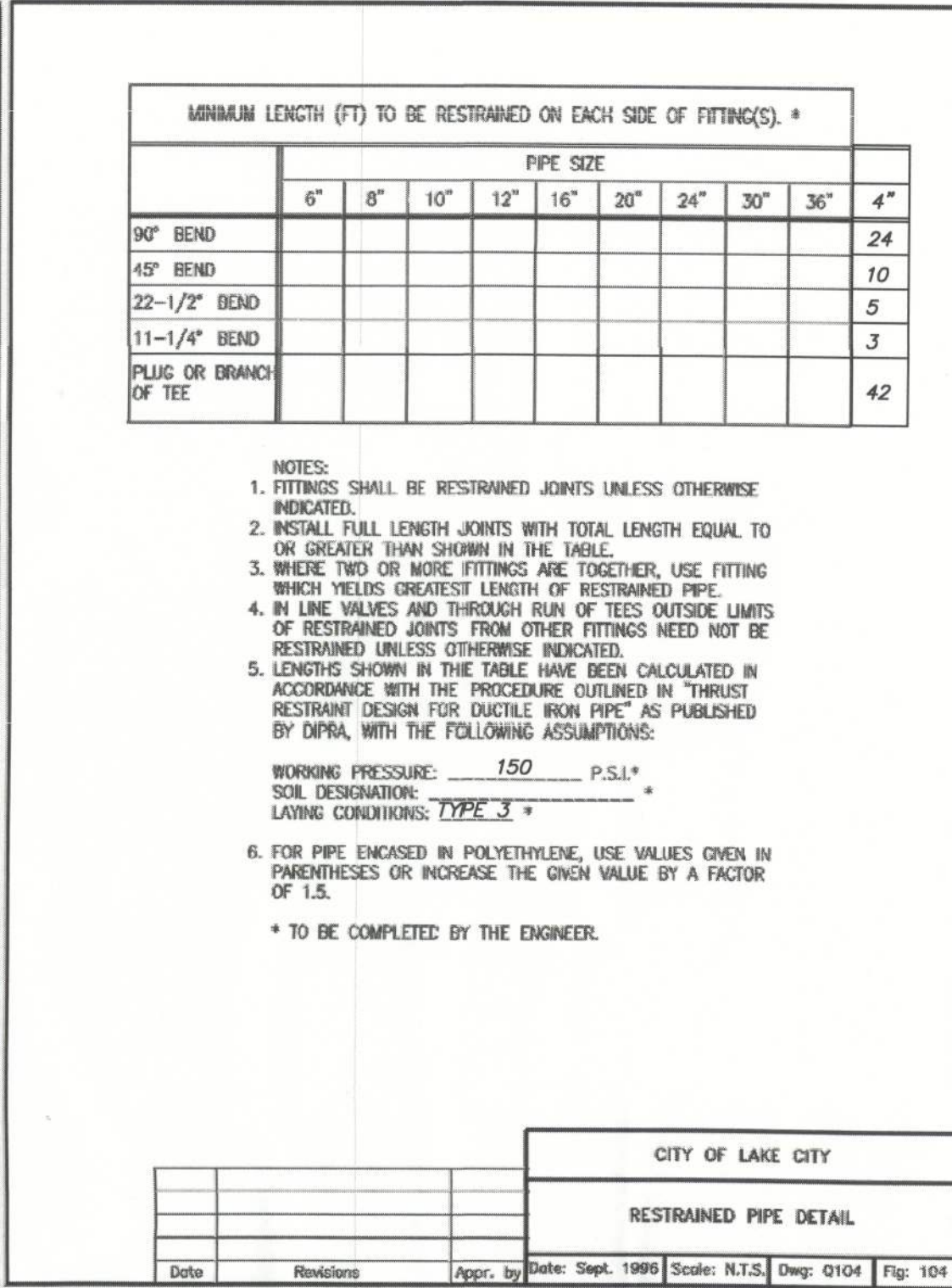
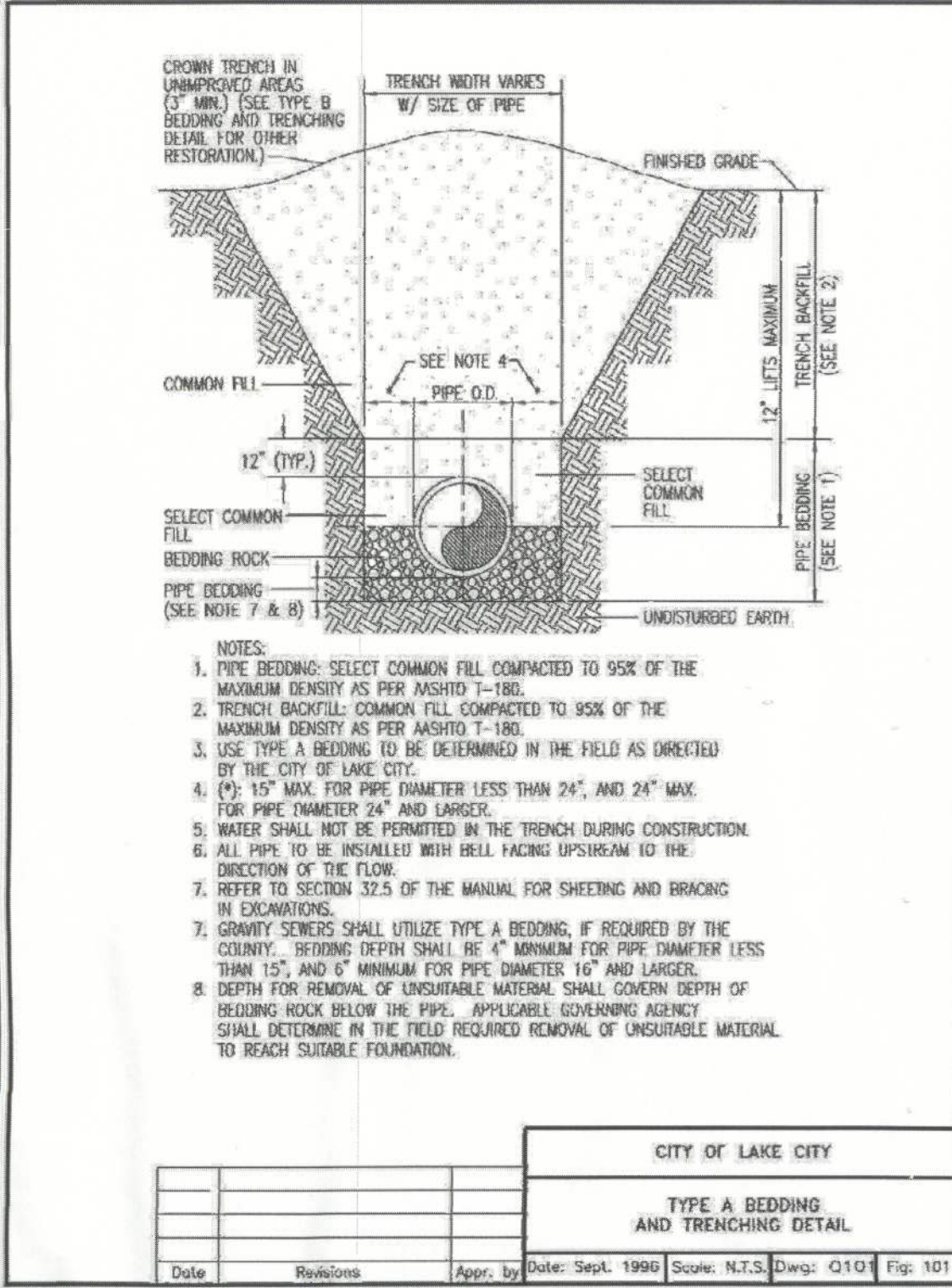
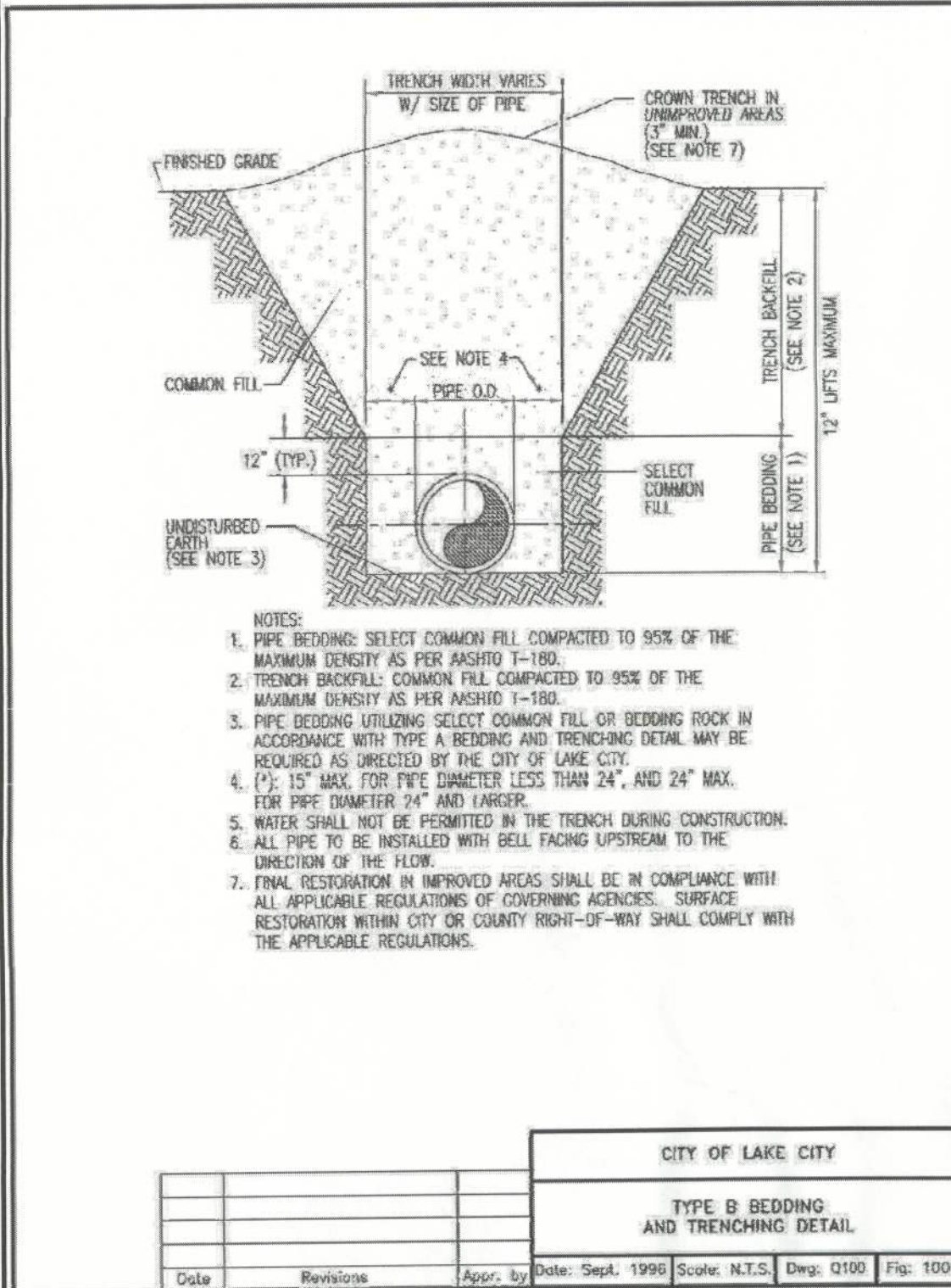
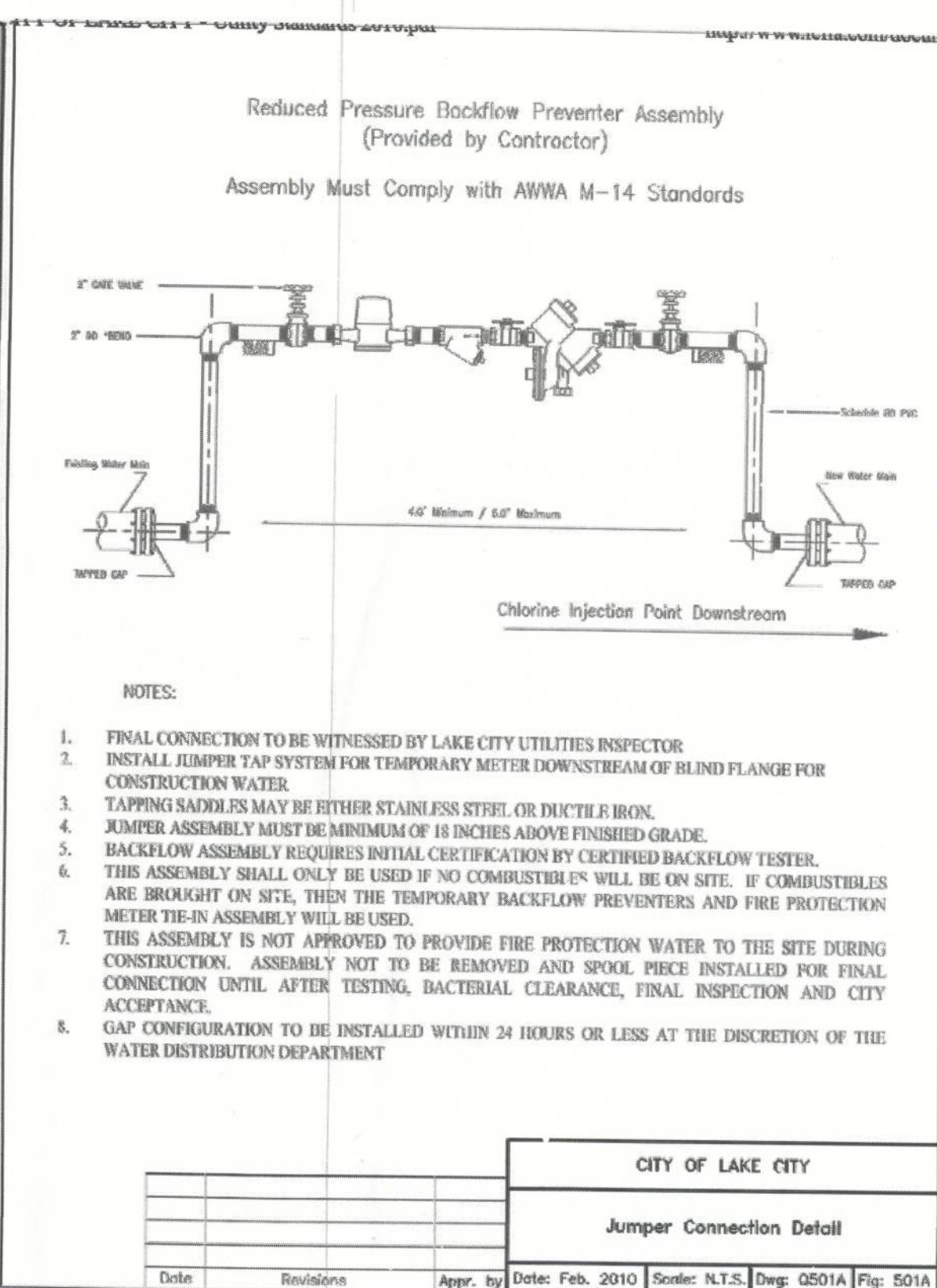
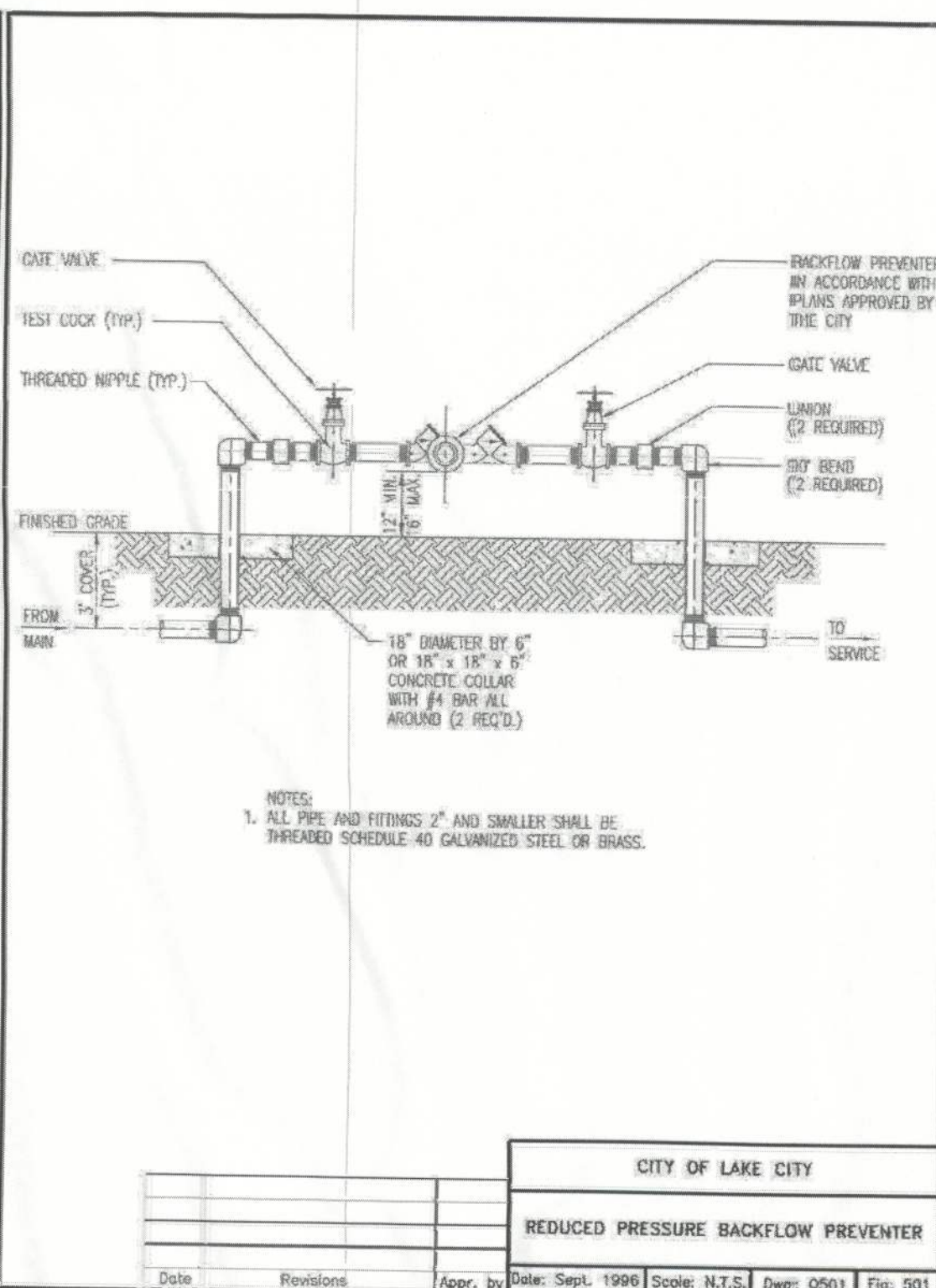
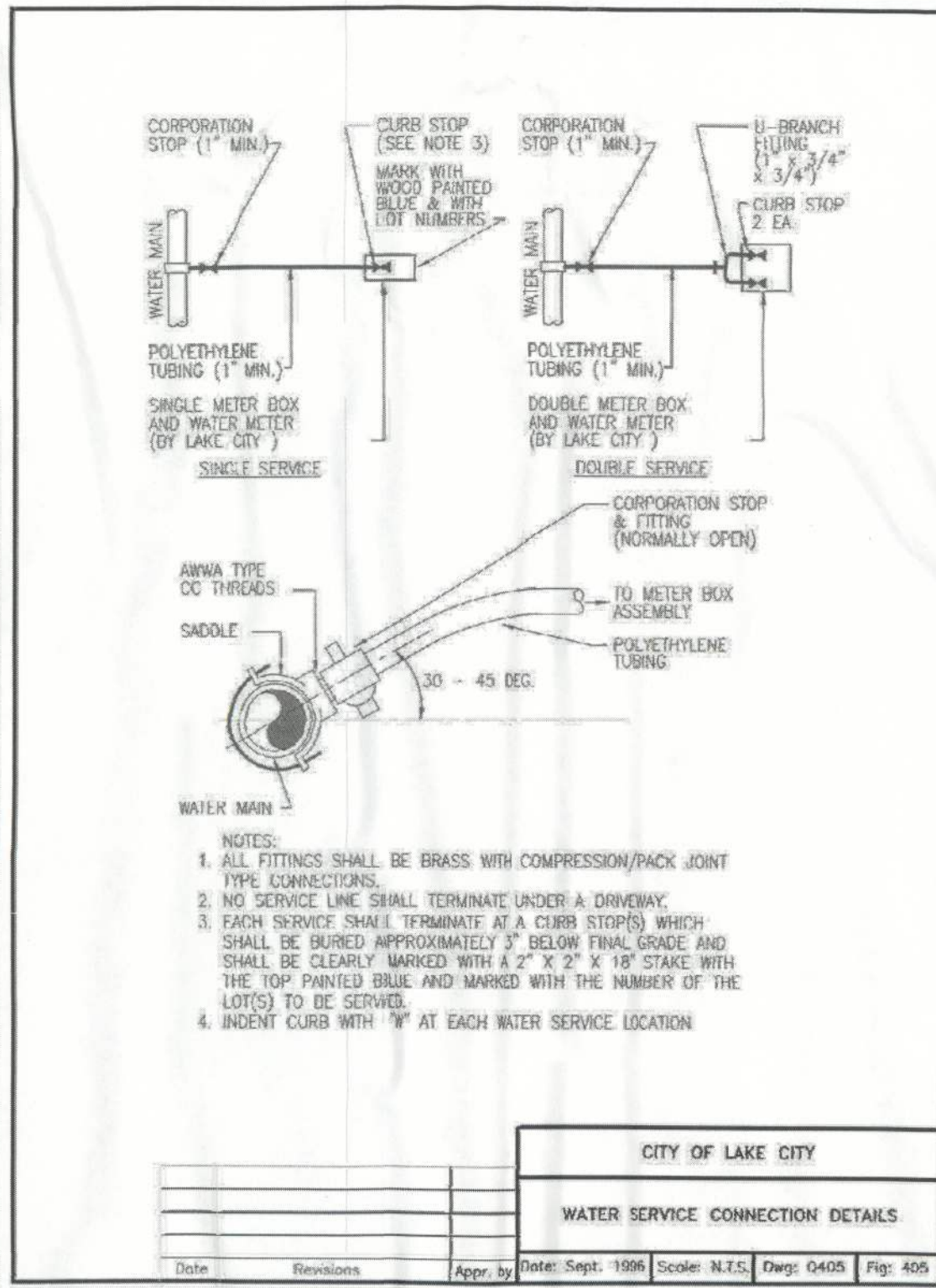
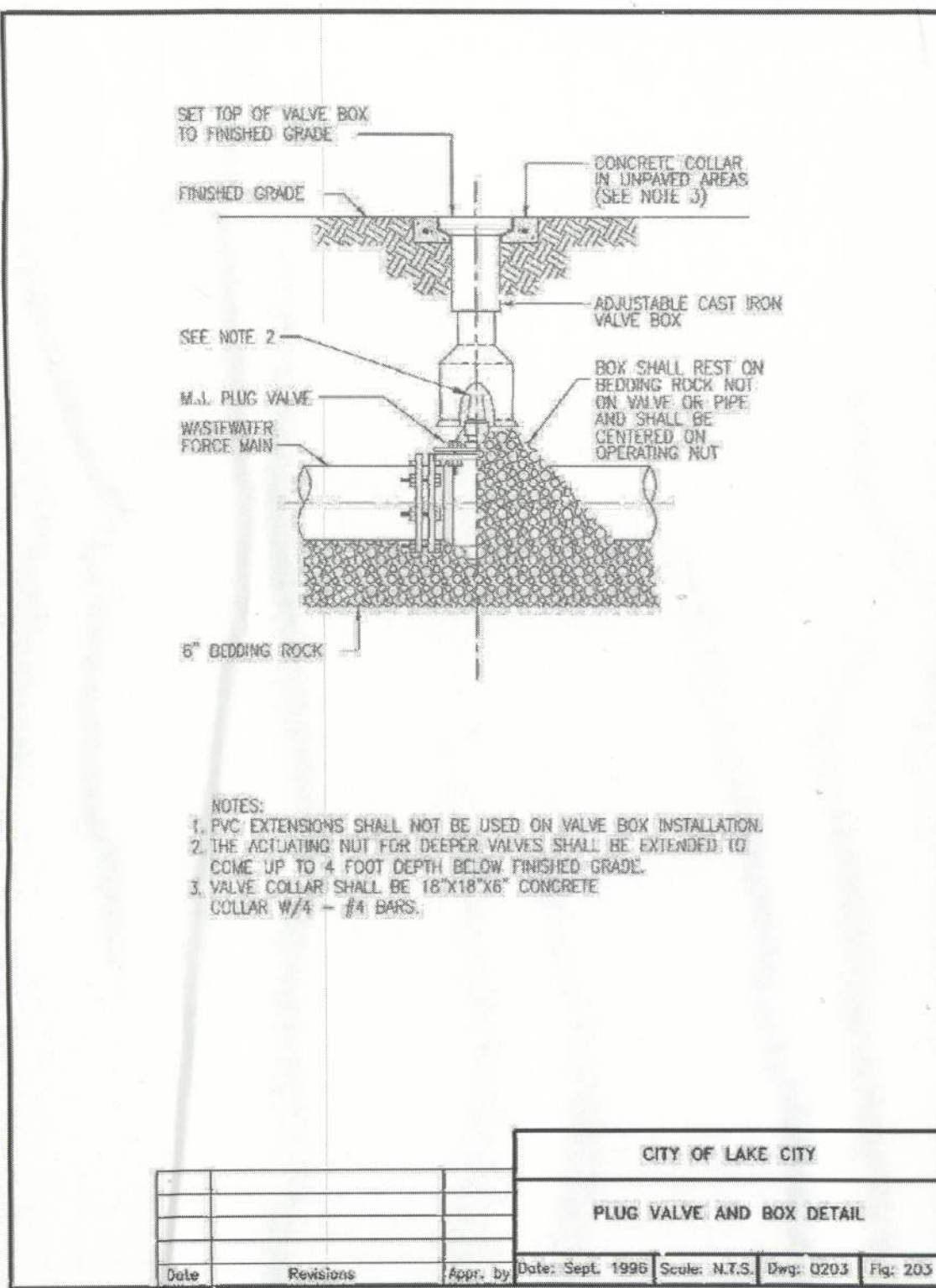
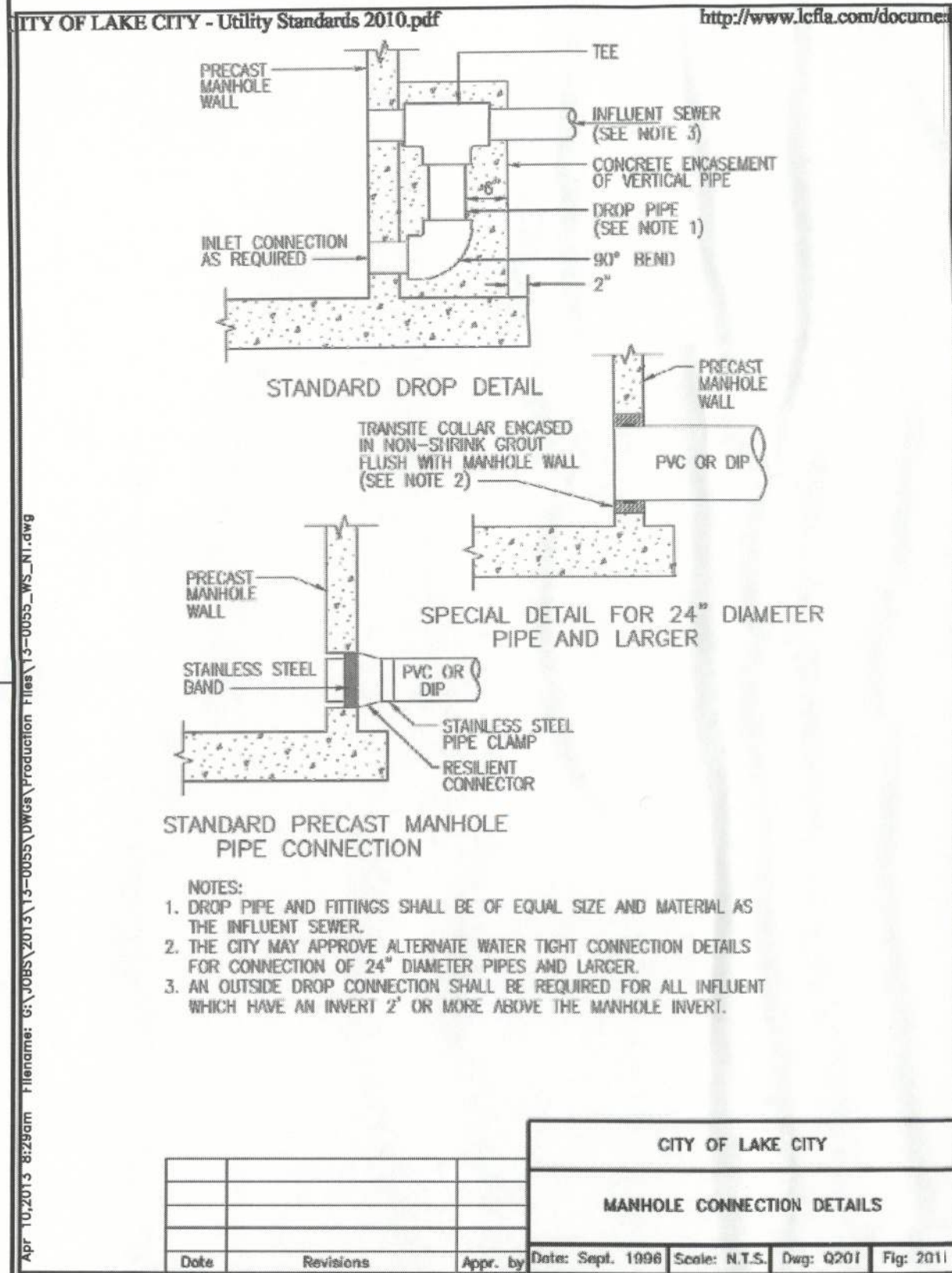


6.57'	MIN. COVER FOR 8" REAMER	EX. ROADWAY 6.57' MIN. COVER FOR 8" REAMER BORE	SANITARY SEWER MANHOLE NRE = 169.30' N INV= 164.17' (8" PVC) E INV= 4" PVC (PIPE OFFSET) UNABLE TO OBTAIN INVERT) SW INV= 164.11' (8" PVC)

CORE DRILL MANHOLE INSTALL KOR'N'SFAL  
RUBBER BOOT (OR EQUAL) AND GROUT  
ANNULAR SPACE AROUND NEW LATERAL

SHEET NO.: C3.11







<u>TREES</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>SIZE</u>
BN	5	BETULA NIGRA 'DURA HEAT'	DURA HEAT RIVER BIRCH	15 GAL., 6' HT., 2' SPR., 1.5" CAL.
LIML	2	LAGERSTROEMIA INDICA 'MUSKOGEE'	MUSKOGEE CRAPE MYRTLE	30 GAL., 10' HT., 4' SPR., 2.5" CAL.
QVC	6	QUERCUS VIRGINIANA 'CATHEDRAL'	CATHEDRAL LIVE OAK	30 GAL., 12' HT., 4.5' SPR., 2.5" CAL.
TD	6	TAXODIUM DISTICHUM	BALD CYPRESS	30 GAL., 12' HT., 3.5' SPR., 2.5" CAL.
UA	7	ULMUS ALATA	WINGED ELM	30 GAL., 10' HT., 4' SPR., 2" CAL.
<u>SHRUBS</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>SIZE</u>
VO	75	VIBURNUM ODORATISSIMUM	SWEET VIBURNUM	3 GAL., 24" HT. X 12" SPR.
<u>SOD/SEED</u>		<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>CONT.</u>
SOD		PASPALUM NOTATUM 'ARGENTINE'	BAHIA GRASS	WEED FREE AND SAND GROWN SOD

NO ASPHALT, LIMEROCK OR CONSTRUCTION DEBRIS IS ALLOWED IN PLANTING BEDS. IF ENCOUNTERED DURING CONSTRUCTION OR INSTALLATION, THESE WILL BE EXCAVATED AND REPLACED.

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.

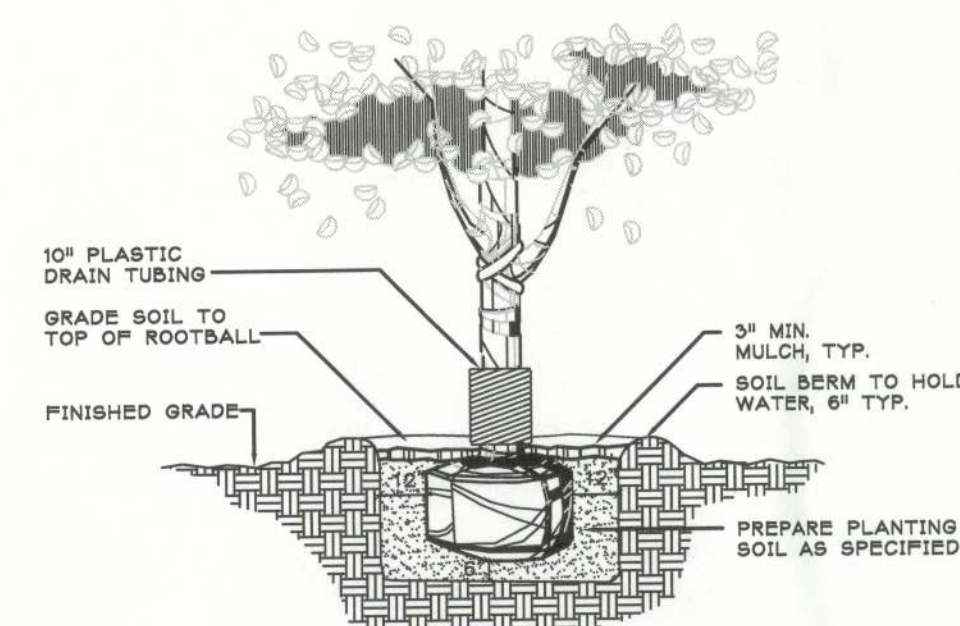
LEADER SHOOTS AND MAIN STRUCTURAL LIMBS OF TREES WILL NOT BE TOPPED OR PRUNED TREES WILL BE STAKED AS NEEDED; GUYLINES WILL BE OF NON-SYNTHETIC BIODEGRADABLE CORDAGE.

ALL PLANT MATERIAL TO BE FLORIDA NO.1 OR BETTER, GRADED IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS PUBLISHED BY THE STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE.

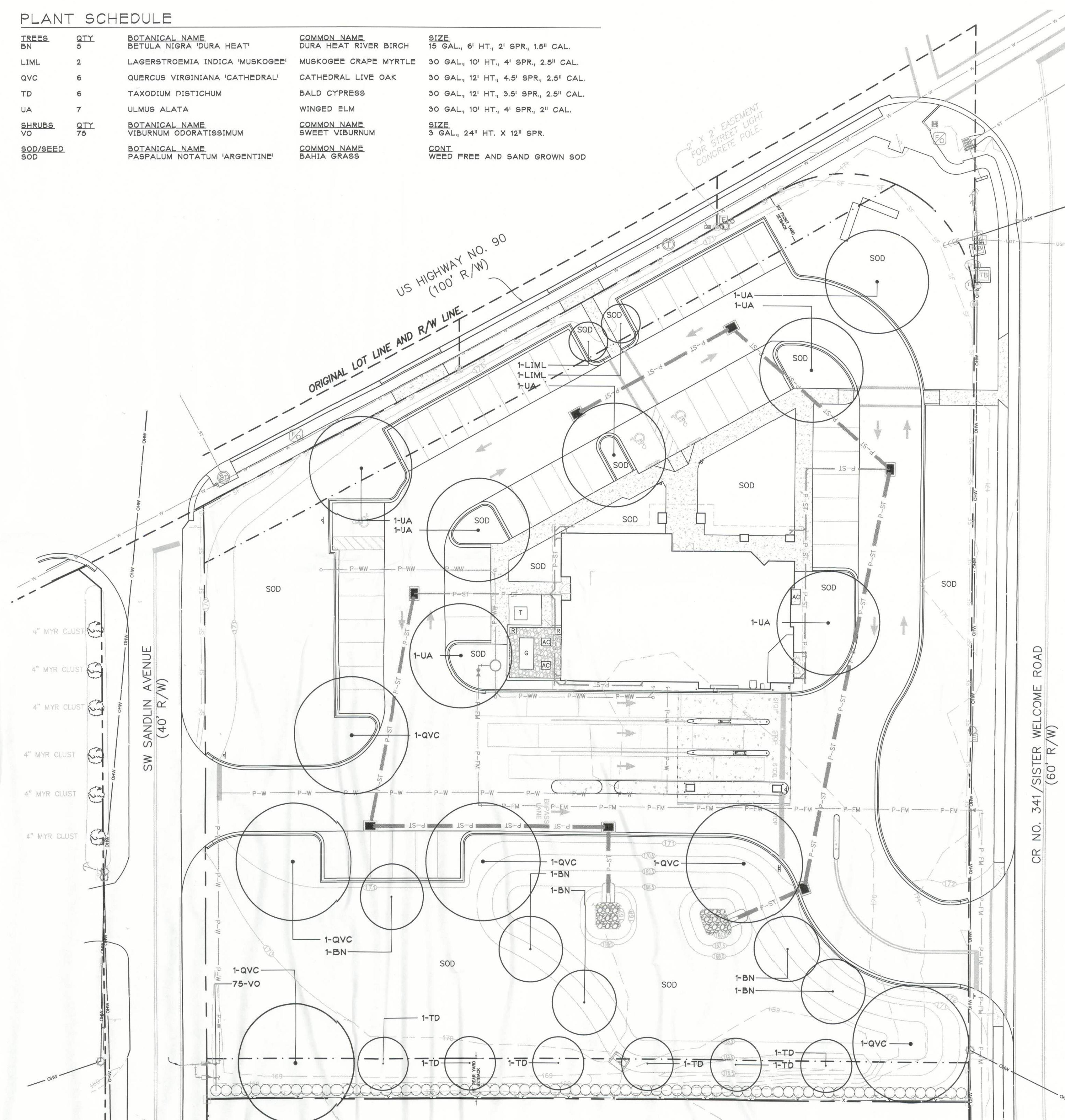
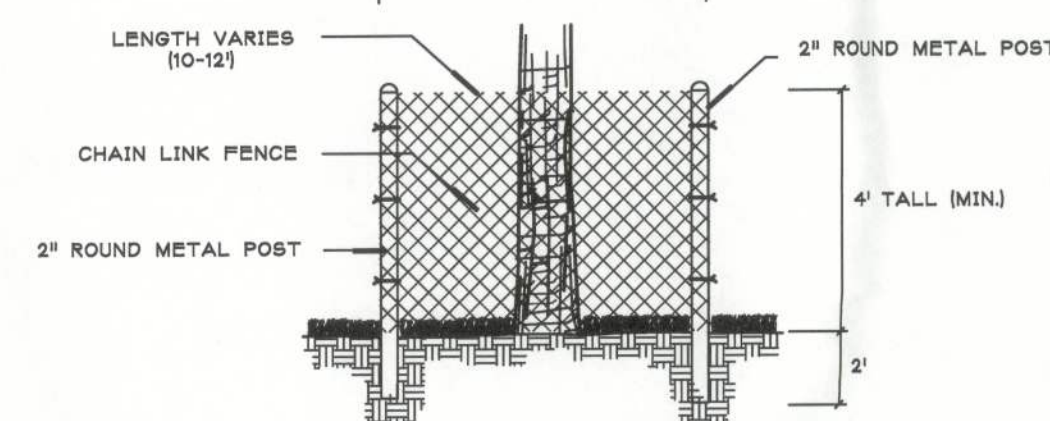
ALL DISTURBED AND UNPAVED AREAS TO BE GRASSSED WITH NOXIOUS WEED AND TROPICAL SODA APPLE FREE SOD OR SEEDED AND MULCHED SEE CIVIL SITE PLANS FOR ADDITIONAL RELATED INFORMATION.

1-QV

NEW TREES TO BE ADDED



DISTANCE VARIES. POSTS TO BE  
LOCATED AT DRIPLINE OF TREE  
UNLESS OTHERWISE APPROVED BY  
LANDSCAPE ARCHITECT



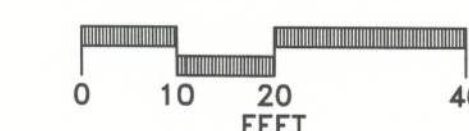
CONSULTANT:

SEAL

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

REVISIONS:

DRAWING SCALE:



DRAWING TITLE:

LANDSCAPE  
PLAN

ISSUED FOR:  
SITE PLAN APPROVAL

DRAWING NUMBER:

LS-1

SHEET: 1 OF 1