

Commissioners:

- Bill Proctor
District 1
- Jane G. Sauls
District 2
- John E. Dailey
District 3
- Bryan Desloge
District 4
- Kristen Dozier
District 5
- Nick Maddox
At-Large
- Mary Ann Lindley
At-Large



Vicent S. Long
County Administrator

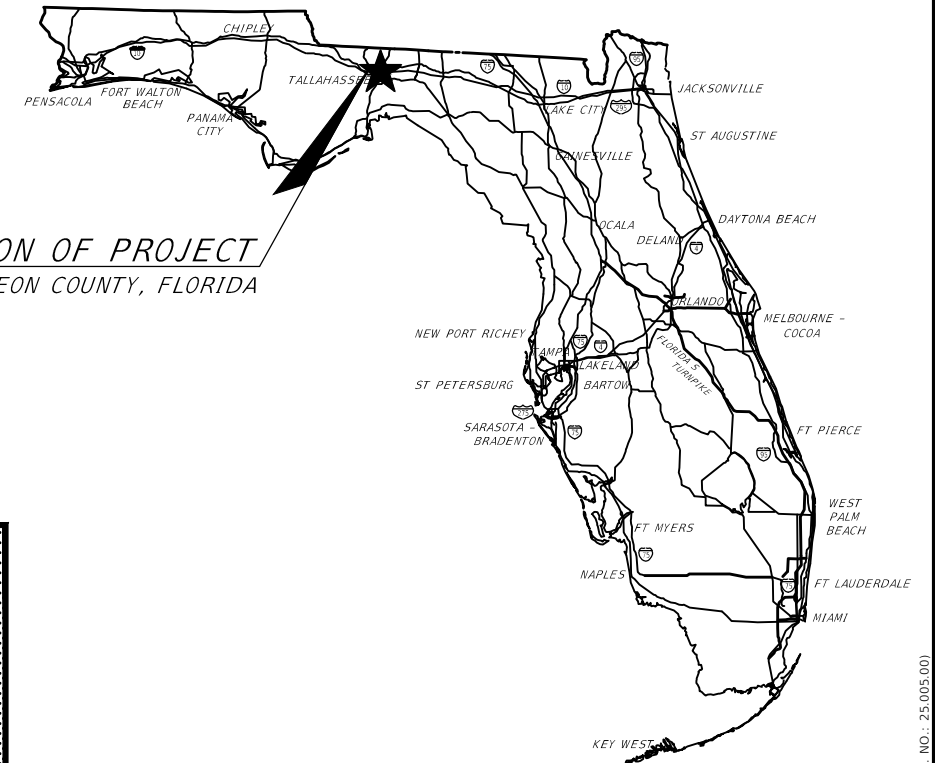
Herbert W. A. Thiele
County Attorney

Tony Park, P.E.
Director of Public
Works and Community
Development

EDINBURGH ESTATES DRAINAGE IMPROVEMENTS

PREPARED FOR:

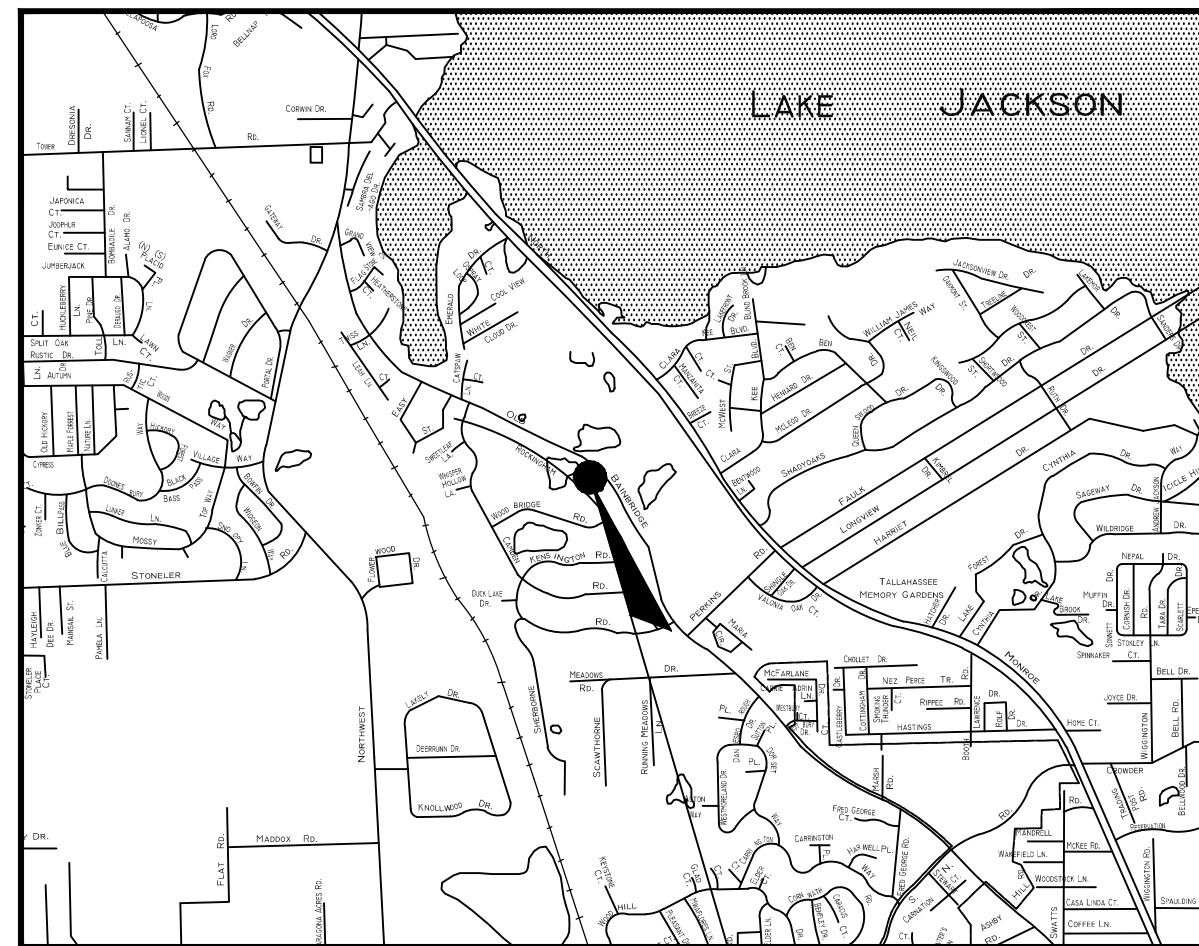
LEON COUNTY PUBLIC WORKS



*LOCATION OF PROJECT
LEON COUNTY, FLORIDA*

INDEX OF PLANS

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*LOCATION OF PROJECT
NTS*

ENGINEER OF RECORD:



INOVIA CONSULTING GROUP
1983 CENTRE POINTE BLVD., SUITE 103
TALLAHASSEE, FLORIDA 32308
MR. RICHARD A. JENKINS, P.E. No. 68365
850.298.4213
CA8225

SURVEYOR OF RECORD:



NOBLES CONSULTING GROUP, INC.
2844 PABLO AVENUE
TALLAHASSEE, FLORIDA 32308
PAUL WILLIAMSON RLS No.3208
850.385.1179
LB#3293 ER#7990

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN
STANDARDS DATED JANUARY 2010, AND SPECIFICATIONS
FOR ROAD AND BRIDGE CONSTRUCTION DATED JANUARY
2010 AS AMENDED BY CONTRACT DOCUMENTS AND LEON
SUPPLEMENTAL SPECIFICATIONS.

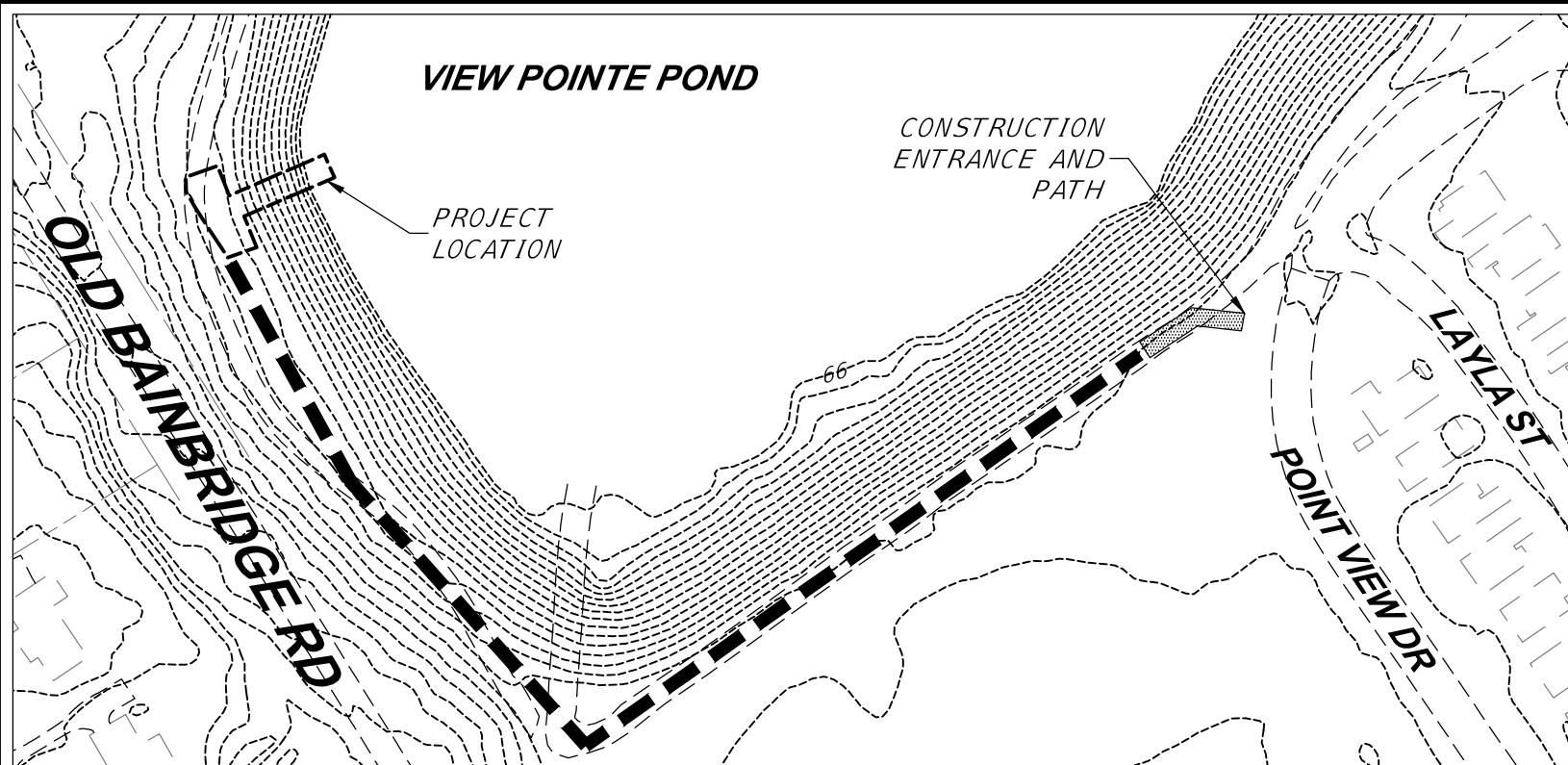
PLAN RELEASE STATUS	
<input type="checkbox"/>	PROGRESS PRINT
<input type="checkbox"/>	PERMIT RELEASE
<input type="checkbox"/>	BID RELEASE
<input checked="" type="checkbox"/>	CONSTRUCTION RELEASE
RELEASE DATE: 28 FEB 13	RICHARD A. JENKINS PE No.: 68365 DATE: 28 FEB 13

NO.	BY	REVISIONS	DATE

**DIVISION OF ENGINEERING SERVICES
LEON COUNTY PUBLIC WORKS
2280 MICCOSUKEE ROAD
TALLAHASSEE, FL. 32308
PHONE (850) 606-1500**

PROJECT MANAGER: CHRIS MUEHLEMANN, P.E.

PROJECT NAME: EDINBURGH ESTATES DRAINAGE IMPROVEMENTS (INOVIA PROJ. NO.: 25-005-00)

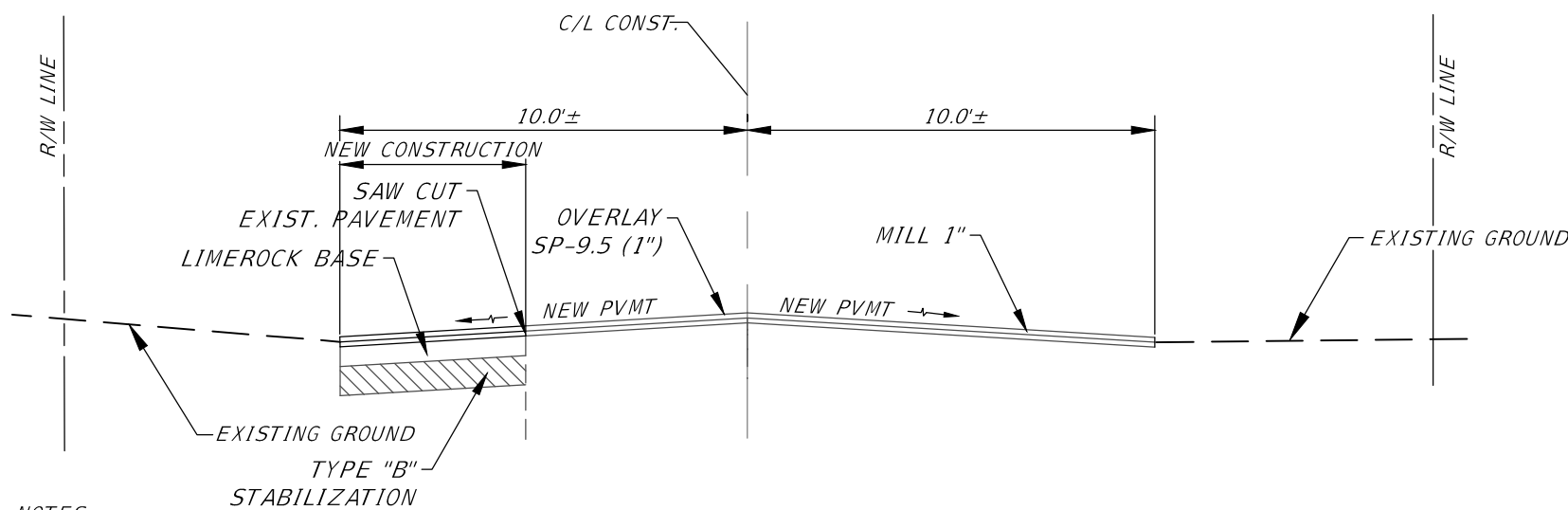


LEGEND

---	BT	EXISTING BURIED TELEPHONE WIRE	SIR = SET IRON ROD
---	OHW	EXISTING OVERHEAD WIRE	FCM = FOUND CONCRETE MONUMENT
---		LIMITED ACCESS R/W	FIP = FOUND IRON PIPE
-x-x-x-		EXISTING FENCE	FN/C = FOUND NAIL & CAP
x-x-x		PROPOSED FENCE	R = RADIUS, OR RANGE
○		HEAVY DUTY SILT FENCE	SN/C = SET NAIL & CAP
□		SILT FENCE	R.O.W. = RIGHT OF WAY
---	W	EXISTING WATER LINE	Δ = DELTA
---	W	PROPOSED WATER LINE	L = ARC LENGTH
---	85	PROPOSED CONTOUR	CH = CHORD
---	85	EXISTING CONTOUR	(P) = per PLAT PROVIDED BY CLIENT
---	G	EXISTING GAS MAIN	(D) = per DEED PROVIDED BY CLIENT
---	G	PROPOSED GAS MAIN	(M) = AS MEASURED
---	SS	EXISTING SANITARY SEWER	FF = FINISHED FLOOR ELEVATION
---		PROPERTY LINE	INV = INVERT ELEVATION
---		RIGHT-OF-WAY	RCP = REINFORCED CONCRETE PIPE
---		BUILDING SETBACKS	TCP = TERRA COTTA PIPE
---		EASEMENT	EL = ELEVATION
		EXISTING RAILROAD	PROP. = PROPOSED
---	SS	PROPOSED SANITARY SEWER	SSMH = SANITARY SEWER MANHOLE
---	W	WETLANDS	SWMH = STORMWATER MANHOLE
○		EXISTING TREES	EXIST. = EXISTING
○		TREES TO BE REMOVED	CMP = CORRUGATED METAL PIPE
○		TREES TECHNICALLY REMOVED	UE = UNDERGROUND ELECTRIC
x 85.00		EXISTING SPOT ELEVATION	CONC = CONCRETE
x 85.00		PROPOSED SPOT ELEVATION	P.O.C. = POINT OF COMMENCEMENT
⊙		BM = BENCHMARK AS NOTED	P.O.B. = POINT OF BEGINNING
⊙		WV = WATER VALVE	F.A.C. = FLORIDA ADMINISTRATIVE CODE
			C.O.T. = CITY OF TALLAHASSEE
			(TYP) = TYPICAL
			SWMF = STORMWATER MANAGEMENT FACILITY
			CMP = CORRUGATED METAL PIPE
			WM = WATER METER
			TPED = TELEPHONE PEDESTAL
			INDICATES DIRECTION OF FLOW
			GV = GAS VALVE
			PP = POWER POLE
			LP = LIGHT POLE
			AP = ANCHOR POLE

CONSTRUCTION ENTRANCE ROUTE

NOTE:
IF ALTERNATE CONSTRUCTION ENTRANCE ROUTE IS PROPOSED BY THE CONTRACTOR, THE ROUTE MUST BE APPROVED BY LEON COUNTY PUBLIC WORKS AND LEON COUNTY DEVELOPMENT SUPPORT AND ENVIRONMENTAL MANAGEMENT.



- NOTES:
1. TO THE GREATEST EXTENT POSSIBLE THE EXISTING PAVEMENT ON THE WEST SIDE OF OLD BAINBRIDGE ROAD SHALL REMAIN. IF THE RECEIVING PIT TRENCH CONSTRUCTION REQUIRES THE ROADWAY SURFACE TO BE DISTURBED, THE PAVEMENT SHALL BE SAW CUT CLEANED AND PATCHED IN ACCORDANCE WITH NEW CONSTRUCTION AS SPECIFIED IN THE TYPICAL SECTION.
 2. THE EXISTING PAVEMENT IS TO BE SAW CUT 4' FROM EDGE OF PAVEMENT OR A MINIMUM OF 1' BEYOND THE PIPE TRENCH, WHICHEVER IS THE GREATEST DISTANCE FROM THE EDGE OF PAVEMENT.
 3. EXISTING PAVEMENT SHOULD BE MILLED 1" WHERE REPAVING IS PROPOSED OUTSIDE OF THE NEW CONSTRUCTION. MILLING SHOULD TAKE PLACE BEFORE THE FINAL 1" OVERLAY SP-9.5 IS INSTALLED.
 4. THE CROSS SLOPE OF THE NEW PAVEMENT SHALL VARY AS REQUIRED FOR THE PAVEMENT TO MATCH AT THE CENTERLINE OF THE ROADWAY.

PAVEMENT SECTION (NEW CONSTRUCTION)

1" SP-9.5
1-1/4" SP-12.5
6" LIMEROCK BASE (LBR 100)
12" TYPE "B" STABILIZATION (LBR 40)
(AGGREGATE MATERIAL FOR ASPHALT SHALL BE GRANITIC)

TYPICAL SECTION - PAVEMENT RESURFACING / RECONSTRUCTION (OLD BAINBRIDGE ROAD)

NTS

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DATE							
REVISIONS							
BY							
NO.							
CLIENT	LEON COUNTY PUBLIC WORKS			PROJECT	EDINBURGH ESTATES DRAINAGE IMPROVEMENTS		
SHEET	TYPICAL SECTION AND LEGEND						
PLAN RELEASE STATUS							
<input type="checkbox"/> PROGRESS PRINT <input type="checkbox"/> PERMIT RELEASE <input type="checkbox"/> BID RELEASE <input checked="" type="checkbox"/> CONSTRUCTION RELEASE							
RELEASE DATE: 28 Feb 13							
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SCALE: AS SHOWN							
RICHARD A. JENKINS, P.E. PE NO.: 68365 DATE: 28 Feb 13							
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GENERAL NOTES:


1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES AND TO DETERMINE IF OTHER UTILITIES WILL BE ENCOUNTERED DURING THE COURSE OF THE WORK AND TAKE APPROPRIATE STEPS NECESSARY TO PROVIDE FOR THEIR PROTECTION. CONTACT SUNSHINE STATE ONE CALL AT 811.
2. ALL VALVE AND METER BOXES SHALL BE SET FLUSH WITH GRADE.
3. CONTRACTOR TO COORDINATE WITH LOCAL UTILITIES FOR REMOVAL AND/OR RELOCATION OF EXISTING UTILITY POLES, AERIAL LINES, BURIED CABLE, AND OTHER UTILITIES.
4. PROVISIONS SHALL BE MADE FOR FLOW OF SEWERS, DRAINS, AND WATER COURSES ENCOUNTERED DURING CONSTRUCTION.
5. THE CONTRACTOR SHALL PLACE AND MAINTAIN BARRICADES, CONSTRUCTION SIGNS, FLASHING LIGHTS, ETC. DURING THE PROGRESS OF CONSTRUCTION WORK AND UNTIL IT IS SAFE FOR BOTH PEDESTRIAN AND VEHICULAR TRAFFIC. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH M.U.T.C.D. AND F.D.O.T. STANDARDS.
6. CONTRACTOR IS TO RESTORE ALL DISTURBED RIGHTS-OF-WAY TO A CONDITION AS EXISTED PRIOR TO CONSTRUCTION.
7. THE CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BIDDING.
8. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS BETWEEN CONTRACT DOCUMENTS AND EXISTING CONDITIONS.
9. THESE DRAWINGS REPRESENT KNOWN STRUCTURES AND UTILITIES LOCATED IN THE PROJECT AREA. THE CONTRACTOR IS CAUTIONED THAT OTHER STRUCTURES AND UTILITIES, ABOVE OR BELOW GROUND MAY BE ENCOUNTERED DURING THE COURSE OF THE PROJECT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY UPON ENCOUNTERING ANY UNEXPECTED STRUCTURE, UTILITY LINE OR OTHER UNUSUAL CONDITION. VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
10. IF EXISTING UTILITY LINES ARE DISTURBED DUE TO CONSTRUCTION ACTIVITY THEY WILL BE COORDINATED WITH THE APPROPRIATE UTILITY PROVIDER FOR RELOCATION.
11. CONTRACTOR SHALL SOD ALL DISTURBED AREAS UNLESS NOTED OTHERWISE ON PLANS, WITH CENTIPEDE SOD.
12. ALL SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM WITH M.U.T.C.D. AND SHALL BE IN ACCORDANCE WITH FDOT AND LEON COUNTY PUBLIC WORKS SPECIFICATIONS. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
13. CONTRACTOR IS RESPONSIBLE FOR STAKEOUT.
14. CONTRACTOR TO SECURE SERVICE OF AN APPROVED TESTING LAB FOR ALL REQUIRED TESTING.
15. EROSION CONTROL MEASURES SHOWN ARE MINIMUM REQUIRED. ADDITIONAL MEASURES MAY BE REQUIRED BY THE ENGINEER OF RECORD, LEON COUNTY PUBLIC WORKS REPRESENTATIVE, OR LEON COUNTY DEVELOPMENT SUPPORT AND ENVIRONMENTAL MANAGEMENT REPRESENTATIVE.

16. THE CONTRACTOR SHALL NOT SUBSTITUTE ANY ARTICLE, DEVICE, PRODUCT, MATERIAL OR FIXTURE, OR ANY FORM OR TYPE OF CONSTRUCTION, FOR THAT WHICH IS INDICATED IN THE APPROVED PLANS WITHOUT THE EXPRESSED WRITTEN APPROVAL OF THE ENGINEER OF RECORD OR PUBLIC WORKS REPRESENTATIVE.
17. DURING THE CONSTRUCTION PHASE OF THIS PROJECT SEDIMENT MAY BE CONVEYED INTO THE STORMWATER MANAGEMENT FACILITIES THE CONTRACTOR SHALL MAKE ADEQUATE PROVISIONS TO PREVENT SUCH, AND SHALL BE REQUIRED TO REMOVE SEDIMENT BUILD UP AND REPAIR STORMWATER FACILITY AS NECESSARY AT NO ADDITIONAL COST.
18. THE CONTRACTOR SHALL ENSURE THAT A FOREMAN OR SUPERVISOR WHO HAS BEEN CERTIFIED UNDER FLORIDA STORMWATER, EROSION AND SEDIMENTATION CONTROL INSPECTOR TRAINING PROGRAM IS AVAILABLE IN PERSON OR BY PHONE AT ALL TIMES DURING THE CONSTRUCTION ACTIVITIES.
19. ALL DISTURBED AREAS TO BE LEFT IDLE LONGER THAN 14 DAYS MUST BE STABILIZED WITH QUICK GROW GRASS SEED AND MULCH.
20. THE CONTRACTOR SHALL RESTRICT PERSONNEL, THE USE OF EQUIPMENT, AND THE STORAGE OF MATERIALS TO AREAS WITHIN THE LIMITS OF CONSTRUCTION AS NOTED ON THE PLANS. ANY OFFSITE STORAGE AREA WILL REQUIRE PRIOR REVIEW AND APPROVAL BY THE ENGINEER OF RECORD, LEON COUNTY DEVELOPMENT SUPPORT AND ENVIRONMENTAL MANAGEMENT, AND LEON COUNTY PUBLIC WORKS.
21. THE CONTRACTOR SHALL REMOVE ALL SURVEY STAKES AND EROSION CONTROL ITEMS PRIOR TO THE COMPLETION OF THE PROJECT.
22. BENCHMARKS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD).
23. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL UTILITIES. THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS BASED ON INFORMATION PROVIDED BY THE UTILITY OWNERS, AVAILABLE RECORDS, AND SURVEYED FIELD INFORMATION. THE INFORMATION MAY NOT REFLECT ACTUAL CONDITIONS, INCLUDE ALL UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED, OR SHOW THE UTILITIES IN THE CORRECT HORIZONTAL OR VERTICAL LOCATIONS. THE CONTRACTOR WILL MAKE HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UTILITIES AS NECESSARY TO ESTABLISH THEIR LOCATIONS AND AVOID DAMAGE. THE FOLLOWING UTILITIES SHOULD BE CONTACTED FOR INFORMATION CONCERNING TYPE AND LOCATION OF THEIR FACILITIES. THE LIST MAY NOT INCLUDE ALL UTILITIES IN THE AREA.

SUNSHINE STATE ONE-CALL OF FLORIDA	811
(5 DAYS NOTIFICATION PRIOR TO CONSTRUCTION)	
CITY OF TALLAHASSEE/NATURAL GAS DIVISION	(850) 891-5130
TALQUIN ELECTRIC CO-OP (ELECTRIC DIVISION)	(850) 878-4414
TALQUIN ELECTRIC CO-OP (WATER DIVISION)	(850) 627-7651
AT&T (SDT, INC.)	(813) 888-8300
CENTURYLINK (OUTSOURCE, INC.)	(850) 878-8595
COMCAST CABLE	(850) 574-4067
24. THE CONTRACTOR SHALL REPLACE ALL DISTURBED SIGNING AND STRIPING WITH LEON COUNTY PUBLIC WORKS APPROVED MATERIALS.
25. NO TRENCHES WILL BE ALLOWED TO REMAIN OPEN OVERNIGHT.
26. CONTRACTOR SHALL MAINTAIN ACCESS TO SIDE STREETS, RESIDENTIAL, AND COMMERCIAL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
27. PAVEMENT OPEN CUTS FOR STORM DRAIN OR UTILITY CONSTRUCTION SHALL BE PATCHED AND REPAIRED IN ACCORDANCE WITH FDOT INDEX NO.307.
28. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL BY LEON COUNTY PUBLIC WORKS AND THE ENGINEER OF RECORD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. LANE CLOSURES SHALL BE SUBMITTED FOR APPROVAL MINIMUM 2 WEEKS PRIOR TO CLOSURE AND SHALL BE PERMITTED ON WEEKDAYS 9 A.M. TO 4 P.M. ONLY. NO ROAD CLOSURES ARE ANTICIPATED.

CONSTRUCTION SEQUENCE

1. THE CONTRACTOR SHALL REQUEST A PRE-CONSTRUCTION CONFERENCE WITH THE LEON COUNTY DEPARTMENT OF DEVELOPMENT SUPPORT AND ENVIRONMENTAL MANAGEMENT AND THE DEPARTMENT OF PUBLIC WORKS PRIOR TO ANY CONSTRUCTION ACTIVITY AND SHALL;
 - A: FIRST CONSTRUCT SEDIMENTATION/EROSION CONTROLS AND STAKE LIMITS OF CLEARING. CONSTRUCTION SHALL NOT COMMENCE UNTIL SEDIMENT CONTROLS HAVE BEEN INSPECTED AND APPROVED BY THE COUNTY ENVIRONMENTAL INSPECTOR.
 - B: CONSTRUCT THE PROPOSED PIPE SYSTEM BY JACK & BORE UPSTREAM OF THE VIEW POINTE STORM WATER MANAGEMENT FACILITY. STABILIZE ALL DISTURBED AREAS AS NOTED ON THE PLANS. DO NOT CLEAR ANY OTHER AREAS OF THE SITE UNTIL STABILIZATION HAS BEEN COMPLETED.
 - C: CLEAR THE REMAINING PORTION OF THE SITE AS NEEDED FOR CONSTRUCTION. DIRECT STORM WATER FLOW TO THE POND. WHERE NEEDED, CHECK DAMS SHALL BE CONSTRUCTED OF HAY BALES. DAMS SHALL BE USED TO TRAP SEDIMENT BEFORE IT REACHES THE POND.
 - D: CONSTRUCT OTHER SITE IMPROVEMENTS IN ACCORDANCE WITH THE PERMITTED PLAN SET.
 - E: PROVIDE SEALED RECORD DRAWINGS TO PUBLIC WORKS AND THE ENGINEER. THE ENGINEER WILL SUBMIT TO THE COUNTY'S ENVIRONMENTAL DIVISION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CLOSE-OUT REQUIREMENTS INCLUDING ASBUILT SURVEY AND CERTIFICATIONS, ETC.



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NO.	BY	REVISIONS	DATE

PROJECT NO.: 25-005-01
DRAWING FILE: J:\125\0025\005_01\DWG\BASE.DWG

LEON COUNTY PUBLIC WORKS	EDINBURGH ESTATES DRAINAGE IMPROVEMENTS	GENERAL NOTES
CLIENT	PROJECT	SHEET

PLAN RELEASE STATUS

<input type="checkbox"/>	PROGRESS PRINT
<input type="checkbox"/>	PERMIT RELEASE
<input type="checkbox"/>	BID RELEASE
<input type="checkbox"/>	CONSTRUCTION RELEASE

RELEASE DATE: 28 Feb 13

DRAWN BY: PMW	INITIAL DATE
CHECKED BY: RAJ	SCALE: AS SHOWN

RICHARD A. JENKINS, P.E.
PE NO.: 68365
DATE: 28 Feb 13

SHEET	3
OF	15

TREE MITIGATION NOTES

1. THE CONTRACTOR SHALL PRESERVE ALL TREES WITHIN THE LIMITS OF CONSTRUCTION. A TREE PROTECTION BARRICADE IS TO BE INSTALLED AT OR NEAR THE CRITICAL PROTECTION ZONE OF EACH TREE PRIOR TO INITIATION OF ANY CONSTRUCTION ACTIVITY AND IS TO REMAIN IN PLACE UNTIL ALL CONSTRUCTION ACTIVITY HAS BEEN COMPLETED. THE LEON COUNTY ENVIRONMENTAL INSPECTOR MUST APPROVE THE PLACEMENT OF THE TREE PROTECTION MEASURES.
2. ROOT PRUNING WILL OCCUR PRIOR TO ANY EXCAVATION WITHIN THE CPZ OF THE TREES. NO OTHER WORK SHOULD BE DONE BETWEEN THE ROOT PRUNING LINE AND THE TREE TRUNKS. ALL PRUNED/CUT ROOTS EXPOSED WILL BE COVERED AS SOON AS POSSIBLE WITH TOPSOIL, MULCH, OR OTHER ORGANIC MEDIUM. AS AN ADDED PRECAUTION, ROOT PRUNING SHOULD BE DONE WHERE POSTS ARE INSTALLED FOR THE DOT BARRIER.
3. FOLLOWING ROOT PRUNING AND THROUGH SUBSTANTIAL COMPLETION OF THE PROJECT, THE TREE WILL BE WATERED AT THE RATE EQUIVALENT TO 1" OF RAINFALL PER WEEK. WATERING WILL BE ADJUSTED AS REQUIRED BY THE WEATHER CONDITIONS. A RAIN GAUGE SHOULD BE INSTALLED ON SITE AND MONITORED WEEKLY BY THE SITE SUPERVISOR.
4. THE TREES MUST BE PRUNED ACCORDING TO ANSI A300 PRUNING STANDARDS TO ENHANCE ITS HEALTH. THIS PRUNING WILL CONSIST OF THE REMOVAL OF DEAD, DYING, DISEASED, INTERFERING (SUBORDINATE LIMBS WHICH MAY BE RESTRICTING GROWTH OF MORE DOMINANT LIMBS), OBJECTIONABLE (INCREASED RISK OF BRANCH AND STEM FAILURE, DEVELOPMENT OF LOW AGGRESSIVE LIMBS, FORMATION OF CO-DOMINANT STEMS, DEFECTS SUCH AS INCLUDED BARK AND DEAD BRANCHES, OBSTRUCTED VIEWS), AND WEAK BRANCHES ON THE MAIN TRUNK, AS WELL AS THOSE WITHIN LEAF AREA. AN OCCASIONAL BRANCH UP TO TWO INCHES IN DIAMETER MAY REMAIN WITHIN THE MAIN LEAF AREA WHERE IT IS NOT PRACTICAL TO REMOVE IT.
5. DURING AND AFTER CONSTRUCTION, THE CONTRACTOR MUST FOLLOW THE APPROVED MITIGATION PLAN FOR THE EDINBURGH ESTATES DRAINAGE IMPROVEMENTS PROVIDED BY ARMSTRONG TREE SERVICE DATED JANUARY 16,2011.
6. ANY TREE IMPACTS ENCOUNTERED THAT ARE NOT SHOWN IN THE CONSTRUCTION PLAN SET MUST FOLLOW THE REQUIREMENTS SET IN THE APPROVED MITIGATION PLAN FOR THE EDINBURGH ESTATES DRAINAGE IMPROVEMENTS PROVIDED BY ARMSTRONG TREE SERVICE DATED JANUARY 16,2011.

DEWATERING NOTES:

1. IF PUMPING IS USED FOR DEWATERING, THE CONTRACTOR SHALL USE BIODEGRADABLE FLUIDS TO PREVENT POTENTIAL POLLUTION.
2. BEST MANAGEMENT PRACTICES SHALL BE FOLLOWED, AND ALL DEWATERING MEASURES SHALL BE APPROVED BY THE COUNTY ENVIRONMENTAL INSPECTOR (SEE DETAIL).
3. CONTRACTOR SHALL CHECK WITH NWFWD FOR POTENTIAL PERMIT REQUIREMENTS AT (850) 539-5999
4. CONTRACTOR SHALL ALSO COMPLY WITH THE DIRECTIONS GIVEN BY THE COUNTY ENVIRONMENTAL INSPECTORS.

SEDIMENT AND EROSION CONTROL NOTES

1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PREVENTION, CONTROL AND ABATEMENT OF EROSION, WATER POLLUTION AND THE TRANSPORTATION OF ERODED MATERIALS OFF SITE. THE CONTRACTOR'S SELECTED MEANS, METHODS, AND CONSTRUCTION PHASING MAY REQUIRE MODIFICATION OF THE ENVIRONMENTAL CONTROLS IDENTIFIED ON THIS SEDIMENT AND EROSION CONTROL PLAN.
2. IF MODIFICATION OF THIS SEDIMENT AND EROSION CONTROL PLAN IS REQUIRED, THE CONTRACTOR SHALL PREPARE A NEW SEDIMENT AND EROSION CONTROL PLAN. THE CONTRACTOR'S SEDIMENT AND EROSION CONTROL PLAN SHALL ADDRESS THE SEQUENCE OF CONSTRUCTION AND THE INSTALLATION AND MAINTENANCE OF ALL TEMPORARY AND PERMANENT SEDIMENT AND EROSION CONTROL DEVICES TO BE USED DURING EACH PHASE OF CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT THE NEW SEDIMENT AND EROSION CONTROL PLAN TO THE ENGINEER FOR REVIEW AND APPROVAL.
3. THE CONTRACTOR IS REQUIRED TO UPDATE THE APPROVED SEDIMENT AND EROSION CONTROL PLAN TO REFLECT ANY ADDITIONAL CONTROLS NECESSARY TO PREVENT THE TRANSFER OF ERODED MATERIALS ONTO ANY OFF SITE PARCEL OR INTO ANY RECEIVING WATER, OR TO PREVENT OTHERWISE VIOLATING STATE AND/OR FEDERAL PERMIT REQUIREMENTS.
4. THE CONTRACTOR SHALL OBTAIN AN ENVIRONMENTAL MANAGEMENT PERMIT FROM THE LEON COUNTY DEVELOPMENT SUPPORT AND ENVIRONMENTAL MANAGEMENT DEPARTMENT FOR ALL STOCKPILE AND CONSTRUCTION STAGING AREAS LOCATED OUTSIDE THE LIMITS OF COUNTY RIGHT OF WAY OR COUNTY PROPERTIES.
5. THE CONTRACTOR SHALL OBTAIN A GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES (NPDES) FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING NOTICE OF CONSTRUCTION COMMENCEMENT TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION. ONCE PROVIDED BY THE CONTRACTOR, THE ENGINEER WILL SUBMIT THE AS-BUILT CERTIFICATIONS TO BOTH THE COUNTY AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION.
7. THE CONTRACTOR SHALL PREPARE AND SUBMIT A DEWATERING PLAN TO THE PROJECT ENGINEER, THE COUNTY'S GROWTH MANAGEMENT DEPARTMENT, AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION. THE DEWATERING PLAN SHALL INCLUDE DEWATERING DETAILS, METHODS FOR CONTAINMENT OF DISCHARGE, METHODS OF ISOLATING DEWATERING AREAS, AND THE PERIODS THAT DEWATERING STRUCTURES WILL BE IN PLACE AS REQUIRED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION. ALL PUMPED WATER SHALL BE FILTERED PRIOR TO ENTERING THE DOWNSTREAM STORMWATER CONVEYANCE SYSTEM. CONSTRUCTION WILL NOT BEGIN UNTIL THE PLAN HAS BEEN APPROVED.
8. EROSION AND SEDIMENT CONTROLS SHALL BE PLACED PRIOR TO OR AS THE FIRST STEP IN CONSTRUCTION. ALL SEDIMENT AND EROSION CONTROL DEVICES, AS DETAILED ON THE APPROVED PLAN SET, SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. EROSION CONTROL MEASURES SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTING AND MAINTAINING EROSION CONTROL FEATURES AT ALL CONSTRUCTION ENTRANCE/EXITS. THE FEATURES SHALL MINIMIZE THE OFF-SITE TRACKING OF DUST/DEBRIS FROM THE PROJECT SITE ONTO ROADWAYS.
10. THE AMOUNT OF AREA DISTURBED AT ONE TIME SHALL BE LIMITED TO THE MINIMUM NECESSARY TO ADEQUATELY IMPLEMENT THE WORK. CONSTRUCTION OPERATIONS SHALL BE CONTROLLED TO MINIMIZE UNPROTECTED ERODIBLE AREAS EXPOSED TO WEATHER, AND AREAS OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED.
11. EXCAVATED MATERIAL WILL NOT BE DEPOSITED IN LOCATIONS WHERE IT COULD BE WASHED AWAY BY HIGH WATER OR BY STORMWATER RUNOFF, AND STOCKPILES WILL BE COVERED OR ENCIRCLED WITH SEDIMENT CONTAINMENT DEVICES. ALL CONSTRUCTION STAGING AND STOCKPILE AREAS ARE TO BE ENCLOSED WITH TYPE IV SILT FENCE.
12. MATERIAL STOCKPILING SHALL NOT BE LOCATED WITHIN ENVIRONMENTALLY SENSITIVE AREAS. THE CONTRACTOR SHALL HAVE THE STOCKPILE LOCATION APPROVED BY THE PROJECT ENGINEER AND THE COUNTY ENVIRONMENTAL INSPECTOR PRIOR TO CONSTRUCTION. METHODS FOR CONTROLLING EROSION FROM THE STOCKPILE SHALL BE ADDRESSED BY THE CONTRACTOR AND APPROVED BY THE PROJECT ENGINEER PRIOR TO CONSTRUCTION.
13. DURING THE INSTALLATION OF STORM DRAIN OR UTILITY PIPING, HAY BALE BARRIERS SHALL BE PLACED BELOW THE WORK ZONES AT LOCATIONS DETERMINED BY THE ENGINEER OR THE COUNTY'S ENVIRONMENTAL INSPECTOR TO AID IN CONTROLLING THE TRANSFER OF ERODED MATERIAL OFF SITE.
14. NEW AND EXISTING DRAINAGE STRUCTURES SHALL BE PROTECTED FROM SILTATION DURING CONSTRUCTION. SILT FENCE, BAILED HAY OR STRAW BARRIERS SHALL BE PLACED AROUND ALL INCOMPLETE STORMWATER INLETS AND MANHOLES DURING CONSTRUCTION IN ACCORDANCE WITH STANDARD INDEX NO. 102. PERFORATED SOCK PIPE SHALL BE PLACED ACROSS THE THROATS OF ALL EXISTING AND COMPLETED INLETS.
15. ASPHALT PAVEMENT MILLINGS OR FINE TYPE SP ASPHALTIC CONCRETE (1 1/2" MINIMUM) SHALL BE PLACED IN DISTURBED PAVEMENT AREAS TO PROVIDE A STABLE NON-ERODABLE DRIVING SURFACE UNTIL THE FINAL PAVEMENT IS PLACED.
16. EXISTING FLOW CAPACITY SHALL BE MAINTAINED IN THE DRAINAGE SYSTEMS TO CONVEY RUNOFF FROM RAIN STORMS THAT OCCUR DURING CONSTRUCTION. EXISTING DRAINAGE PIPES THAT ARE NOTED TO BE PLUGGED OR REMOVED SHALL REMAIN IN SERVICE UNTIL FLOWS CAN BE DIVERTED TO THE NEW DRAINAGE SYSTEM. WHERE NEW PIPES ARE TO BE INSTALLED IN CLOSE PROXIMITY TO EXISTING PIPES THAT ARE TO BE REMOVED, PROVISIONS SHALL BE MADE TO DIVERT FLOWS FROM THE EXISTING PIPES TO THE NEW PIPES PRIOR TO RAIN STORMS. TEMPORARY PIPES SHALL BE PLACED FOR THIS PURPOSE PRIOR TO SUSPENSION OF WORK ACTIVITIES EACH DAY.
17. FIELD CONDITIONS MAY REQUIRE THE USE OF ADDITIONAL TYPES AND QUANTITIES OF SEDIMENT AND EROSION CONTROL DEVICES DURING CONSTRUCTION AS DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER, OR AS DIRECTED BY THE ENGINEER OR THE COUNTY'S ENVIRONMENTAL INSPECTOR.
18. THE CONTRACTOR SHALL INSPECT ALL SEDIMENT AND EROSION CONTROL DEVICES PRIOR TO SUSPENSION OF WORK ACTIVITIES EACH DAY AND AFTER EACH RAIN STORM TO ENSURE THAT THE DEVICES ARE PROPERLY LOCATED AND MAINTAINED FOR EFFECTIVENESS. ANY REQUIRED REMEDIAL ACTION SHALL BE PERFORMED IMMEDIATELY.
19. SEDIMENT TRAPPED BY THE EROSION CONTROL DEVICES IS TO BE REMOVED BY THE CONTRACTOR AFTER EACH RAIN STORM.
20. STABILIZATION MEASURES SHALL BE INITIATED FOR EROSION AND SEDIMENT CONTROL ON DISTURBED AREAS AS SOON AS PRACTICABLE BUT IN NO CASE NO MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THOSE PORTIONS OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
21. PERMANENT SOIL EROSION CONTROL MEASURES FOR ALL DISTURBED LAND AREAS SHALL BE COMPLETED IMMEDIATELY AFTER FINAL GRADING. WHEN IT IS NOT POSSIBLE TO PERMANENTLY PROTECT A DISTURBED AREA IMMEDIATELY AFTER GRADING OPERATIONS, TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED. ALL TEMPORARY EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION OF THE EROSION CONTROL PLAN, AND ALL MONITORING AND REPORTING REQUIRED BY ALL PERMITTING AGENCIES.
23. THE CONTRACTOR SHALL RETAIN A COPY OF THE ENVIRONMENTAL RESOURCE PERMIT ISSUED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND THE ENVIRONMENTAL MANAGEMENT PERMIT ISSUED BY LEON COUNTY DEVELOPMENT SUPPORT AND ENVIRONMENTAL MANAGEMENT ON-SITE AT ALL TIMES.
24. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL REVIEW THE COMPLETE ENVIRONMENTAL RESOURCE PERMIT AND ENVIRONMENTAL MANAGEMENT PERMIT.
25. THE CONTRACTOR SHALL PLACE AN 8.5 X 11 WEATHER RESISTANT SIGN CONTAINING THE ENVIRONMENTAL RESOURCE PERMIT NUMBER SO THAT IT CAN BE VIEWED FROM THE ROADWAY.
26. IN THE EVENT THAT A SINKHOLE SHOULD OCCUR DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, LEON COUNTY DEVELOPMENT SUPPORT AND ENVIRONMENTAL MANAGEMENT, AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION IMMEDIATELY.
27. PRIOR TO CONSTRUCTION A STORMWATER MANAGEMENT CONTROL OFFICER SHALL BE DESIGNATED BY LEON COUNTY PUBLIC WORKS.



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NO.	BY	REVISIONS	DATE

PROJECT: LEON COUNTY PUBLIC WORKS
EDINBURGH ESTATES DRAINAGE IMPROVEMENTS
SHEET: EROSION CONTROL AND TREE MITIGATION NOTES

PLAN RELEASE STATUS

<input type="checkbox"/>	PROGRESS PRINT
<input type="checkbox"/>	PERMIT RELEASE
<input type="checkbox"/>	BID RELEASE
<input type="checkbox"/>	CONSTRUCTION RELEASE

RELEASE DATE: 28 Feb 13

DRAWN BY	PMW
CHECKED BY	RAJ
SCALE	AS SHOWN

RICHARD A. JENKINS, P.E.
PE NO.: 68365
DATE: 28 Feb 13

SHEET **4**
OF **15**

PAY ITEM NOTES:

GENERAL:

1. NO SEPARATE PAYMENT WILL BE MADE FOR DEWATERING. THE COSTS FOR DEWATERING ARE INCLUDED IN THE UNIT PRICES FOR CONCRETE PIPE CULVERT AND OTHER ITEMS AS DESCRIBED IN THE PAY ITEM NOTES.
2. NO SEPARATE PAYMENT WILL BE MADE FOR FILTER FABRIC. THE COSTS FOR FILTER FABRIC ARE INCLUDED IN THE UNIT PRICES FOR CONCRETE PIPE CULVERT, HEADWALLS, MITERED END SECTIONS AND OTHER ITEMS AS DESCRIBED IN THE PAY ITEM NOTES.
3. ADDITIONAL QUANTITIES OF EROSION CONTROL AND/OR TREE PROTECTION ITEMS MAY BE NECESSARY AS DETERMINED DURING CONSTRUCTION BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.

PAY ITEMS:

101-1 MOBILIZATION:

THE UNIT PRICE ALSO INCLUDES ALL COSTS FOR PREPARATION OF AN APPROVED CONSTRUCTION PROGRESS SCHEDULE, AN APPROVED PRECONSTRUCTION SURVEY, AN APPROVED TRAFFIC CONTROL PLAN, AN APPROVED DEWATERING PLAN, AN APPROVED SEDIMENT AND EROSION CONTROL PLAN, AND FURNISHING, INSTALLING AND REMOVING THE PROJECT SIGNS.

102-1 MAINTENANCE OF TRAFFIC:

THE UNIT PRICE CONSTITUTES FULL COMPENSATION FOR ALL LABOR AND MATERIALS REQUIRED TO SAFELY MAINTAIN TRAFFIC AROUND OR THROUGH THE WORK ZONE NOT INCLUDED FOR PAYMENT UNDER OTHER RELATED PAY ITEMS, INCLUDING WARNING AND REGULATORY SIGNS, MESSAGE BOARDS, DRUMS, BARRICADES, CHANNELIZING DEVICES, TEMPORARY CONCRETE BARRIER, WARNING LIGHTS, FLAGGERS, AND FOR THE MAINTENANCE OF EXISTING DRIVEWAYS, TEMPORARY PAVEMENT, AND REMOVAL AND REINSTALLATION OF EXISTING SIGNS IN CONFLICT WITH CONSTRUCTION AS DIRECTED BY THE ENGINEER.

104-18 RUBBLE RIPRAP INCLUDING CEMENT AND FILTER FABRIC UNDERLAY.

THE UNIT PRICE CONSTITUTES FULL COMPENSATION FOR ALL LABOR AND MATERIALS NECESSARY FOR THE INSTALLATION AND MAINTENANCE OF RUBBLE RIPRAP.

110-1-1 CLEARING AND GRUBBING:

THE UNIT PRICE ALSO INCLUDES REMOVAL AND DISPOSAL OF CURBS, SIDEWALKS, DRIVEWAYS, DRAINAGE STRUCTURES, PIPES, SIGNING AND STRIPING AND ALL OTHER STRUCTURES AND OBSTRUCTIONS NECESSARY TO BE REMOVED AND FOR WHICH OTHER ITEMS OF THE CONTRACT DO NOT SPECIFY THE REMOVAL THEREOF. PARTIAL PAYMENTS WILL BE BASED UPON THE ESTIMATED TOTAL VALUE OF WORK COMPLETED TO THE DATE OF THE ESTIMATE AS DETERMINED BY THE ENGINEER. ALL PARTIAL ESTIMATES AND PAYMENTS ARE SUBJECT TO CORRECTION IN SUBSEQUENT ESTIMATES AND PAYMENT.

4430-175-130 CONCRETE PIPE CULVERT (CLASS III):

THE UNIT PRICE ALSO INCLUDES PAYMENT FOR SHEETING AND/OR SHORING, DEWATERING, FILTER FABRIC, PLACING, AND COMPACTING SELECT BEDDING MATERIAL TO THE LIMITS AND DENSITIES SHOWN ON THE PLANS, AND FURNISHING SELECT MATERIAL FOR BACKFILL WHEN SUITABLE MATERIAL IS NOT AVAILABLE ON SITE.

334-1-13 SUPERPAVE ASPHALTIC CONCRETE

THE UNIT PRICE ALSO INCLUDES ADJUSTMENT OF ALL EXISTING UTILITY FRAMES AND COVERS AND ALL WATER AND GAS VALVES WITHIN THE LIMITS OF CONSTRUCTION TO BE FLUSH WITH FINISHED PAVEMENT AND ALL REQUIRED SIGNING AND STRIPING.

425-1-552 DITCH BOTTOM INLET, TYPE E

THE UNIT PRICE CONSTITUTES FULL COMPENSATION FOR ALL LABOR AND MATERIALS NECESSARY TO FURNISH AND INSTALL DITCH BOTTOM INLET, TYPE E INCLUDING TRASH RACK TO BE INSTALLED ON THE TOP OF STRUCTURE, REINFORCING STEEL, SHEETING AND/OR SHORING, DEWATERING, FILTER FABRIC, FURNISHING SELECT MATERIAL FOR BACKFILL WHEN SUITABLE MATERIAL IS NOT AVAILABLE ON-SITE.

4570-1-2: PERFORMANCE TURF (SODDING)

THE UNIT PRICE CONSTITUTES FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND INCIDENTALS REQUIRED FOR ESTABLISHING A STAND OF GRASS BY SODDING, INCLUDING FURNISHING AND PLACING SOD, FERTILIZER, WATER, AND MAINTENANCE.

580-340-1: TREE PROTECTION

THE UNIT PRICE CONSTITUTES FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND INCIDENTALS NECESSARY FOR THE INSTALLATION AND MAINTENANCE OF TREE PROTECTION BATTER BOARDS, INCLUDING MATERIAL AND POSTS, AND REMOVAL AND DISPOSAL OFF SITE OF TREE PROTECTION BATTER BOARDS UPON COMPLETION OF CONSTRUCTION.

999-1-1: SPECIAL DRAINAGE STRUCTURE AT ROCKINGHAM ROAD

THE UNIT PRICE CONSTITUTES FULL COMPENSATION FOR ALL LABOR AND MATERIALS NECESSARY TO FURNISH AND INSTALL THE SPECIAL DRAINAGE STRUCTURE INCLUDING REINFORCING STEEL, SHEETING AND/OR SHORING, DEWATERING, FILTER FABRIC, FURNISHING SELECT MATERIAL FOR BACKFILL WHEN SUITABLE MATERIAL IS NOT AVAILABLE ON-SITE.

999-1-2 ASBUILT SURVEY

THE UNIT PRICE CONSTITUTES FULL COMPENSATION FOR ALL LABOR AND MATERIALS FOR ASBUILT SURVEY OF ALL IMPROVEMENTS AND VIDEO DOCUMENTATION OF ALL NEW PIPE CONSTRUCTED.



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DATE	REVISIONS	BY	NO.

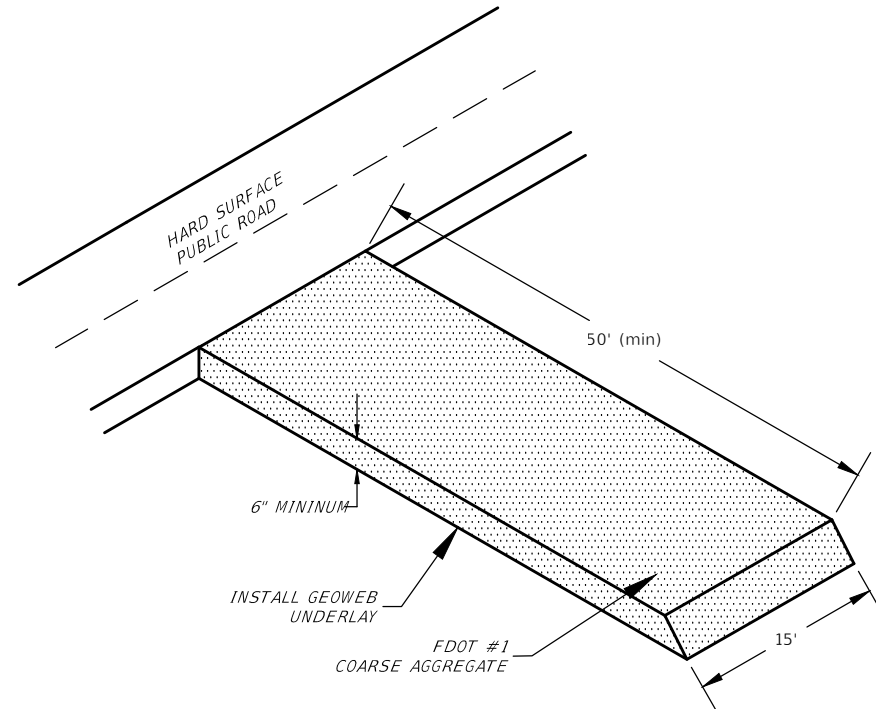
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CLIENT	LEON COUNTY PUBLIC WORKS
PROJECT	EDINBURGH ESTATES DRAINAGE IMPROVEMENTS
SHEET	PAY ITEM NOTES

PLAN RELEASE STATUS	
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<input type="checkbox"/>	PERMIT RELEASE
<input type="checkbox"/>	BID RELEASE
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RELEASE DATE: 28 FEB 13	
DRAWN BY	INITIAL DATE
CHECKED BY	RAJ
SCALE: AS SHOWN	

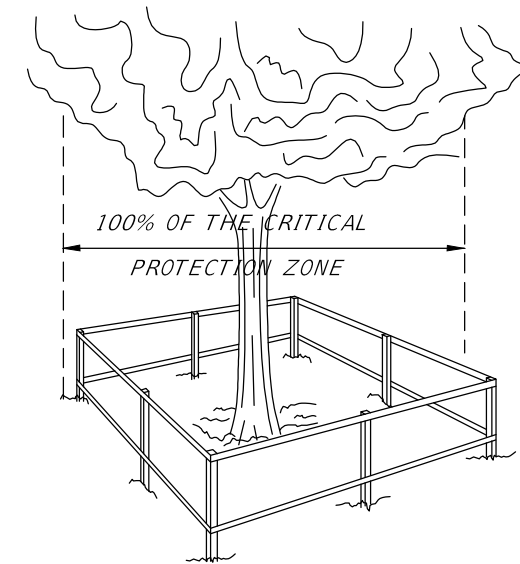
RICHARD A. JENKINS, P.E.
PE NO.: 68365
DATE: 28 Feb 13

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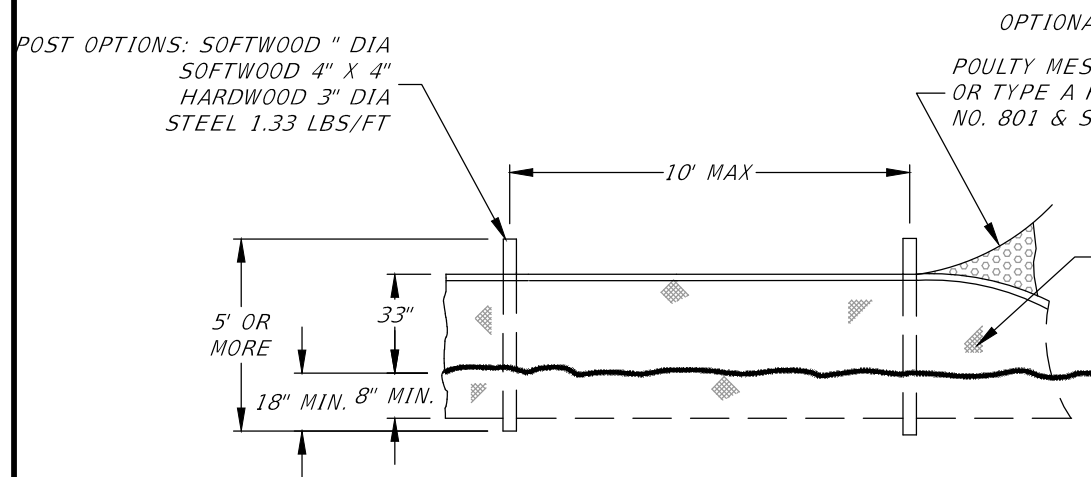
GRAVEL CONSTRUCTION ENTRANCE DETAIL
NTS

"CRITICAL PROTECTION ZONE" IS THE AREA SURROUNDING A TREE WITHIN A CIRCLE DESCRIBED BY A RADIUS OF ONE FOOT FOR EACH INCH OF THE TREE'S DIAMETER (DBH)

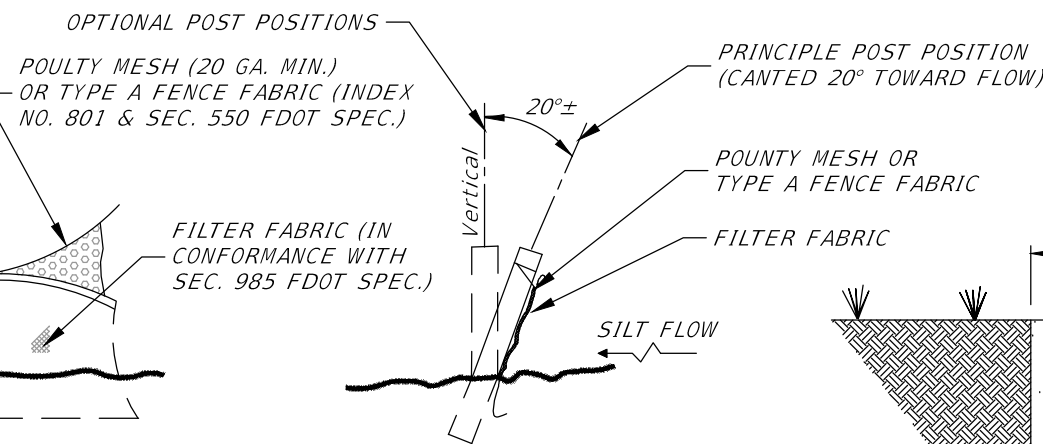


TREE PROTECTION BARRICADE
NTS

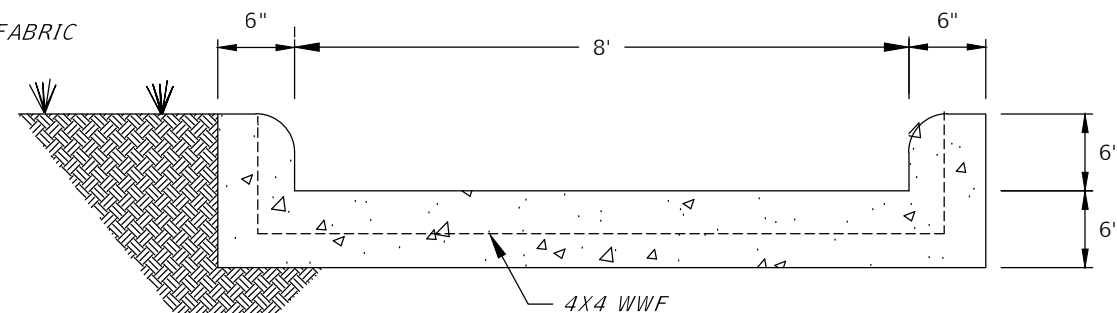
NOTE:
ADDITIONAL TREE PROTECTION BARRICADES OR MEASURES MAY BE REQUIRED FOR TREES NOT ADEQUATELY PROTECTED OR TREES NOT SHOWN ON PLANS.



ELEVATION
TYPE IV SILT FENCE
NTS



SECTION



CONCRETE FLUME DETAIL (SHEET 13)
NTS

NOTE: SILT FENCE TO BE CONSTRUCTED IN ACCORDANCE WITH FDOT INDEX 102.



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NO.	BY	DATE	REVISIONS

CLIENT	LEON COUNTY PUBLIC WORKS
PROJECT	EDINBURGH ESTATES DRAINAGE IMPROVEMENTS
SHEET	SPECIAL DETAILS

PROGRESS PRINT	
PERMIT RELEASE	
BID RELEASE	
CONSTRUCTION RELEASE	
RELEASE DATE:	28 FEB 13
DRAWN BY:	PMW
CHECKED BY:	RAJ
SCALE:	AS SHOWN

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DATE: 28 Feb 13

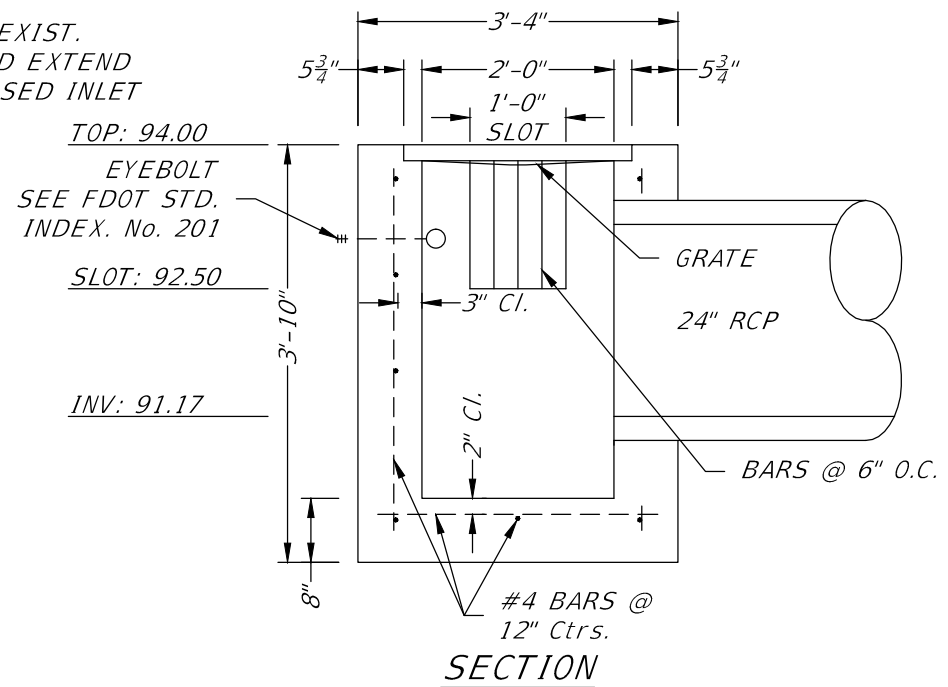
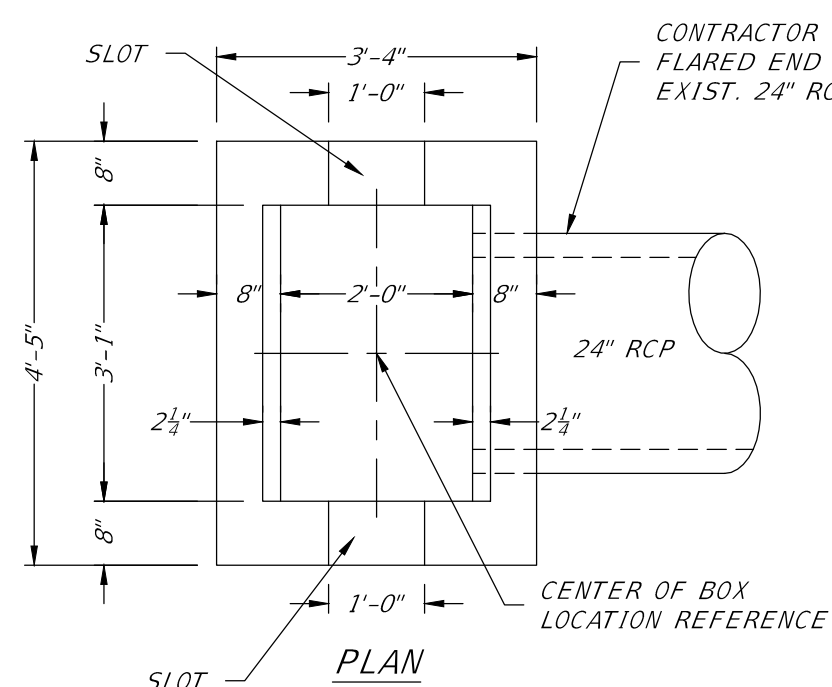
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PROJECT	EDINBURGH ESTATES DRAINAGE IMPROVEMENTS
SHEET	SPECIAL DETAILS

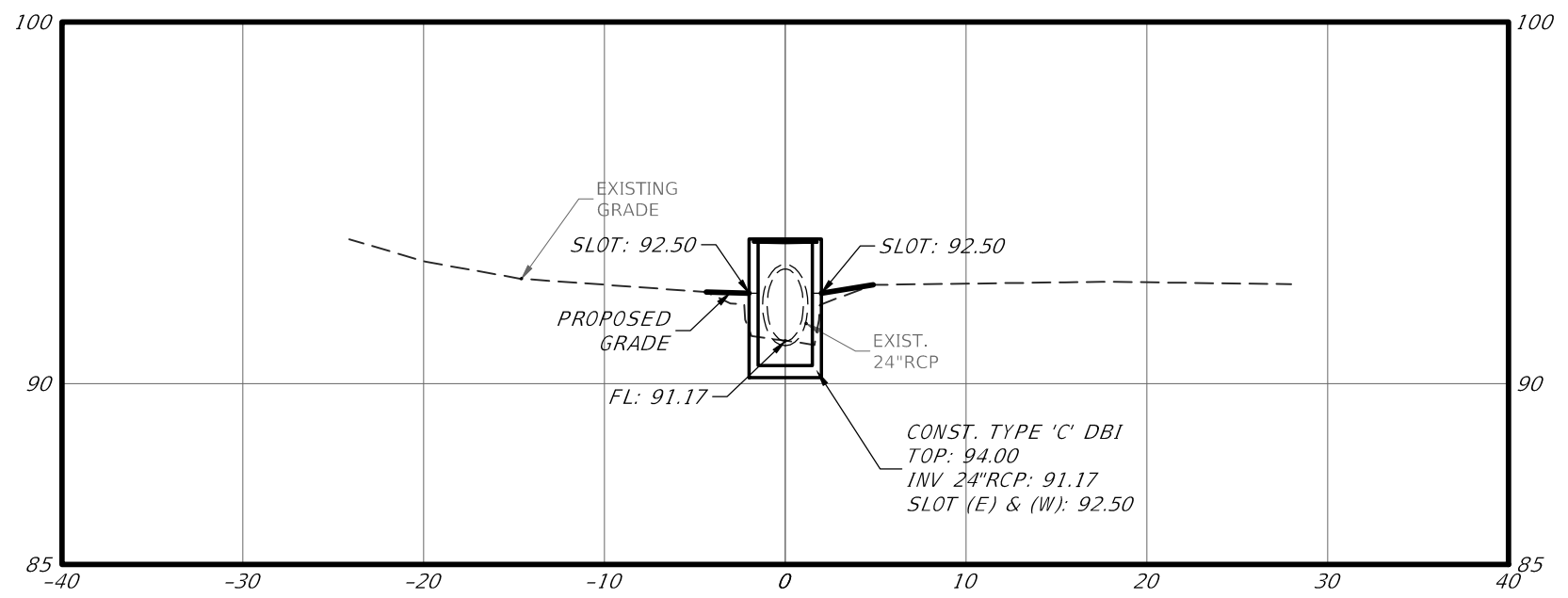
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PERMIT RELEASE	<input type="checkbox"/>
BID RELEASE	<input type="checkbox"/>
CONSTRUCTION RELEASE	<input type="checkbox"/>

RELEASE DATE:	28 FEB 13
DRAWN BY:	PMW
CHECKED BY:	RAJ
SCALE:	AS SHOWN

RICHARD A. JENKINS, P.E.
PE NO.: 68365
DATE: 28 Feb 13



TYPE 'C' DITCH BOTTOM INLET (MOD.) (SHEET 12)
LOCATED ON ROCKINGHAM ROAD
NTS



SECTION C-C (SHEET 12)
SCALE: 1"=10' HOR.
1"=5' VER.

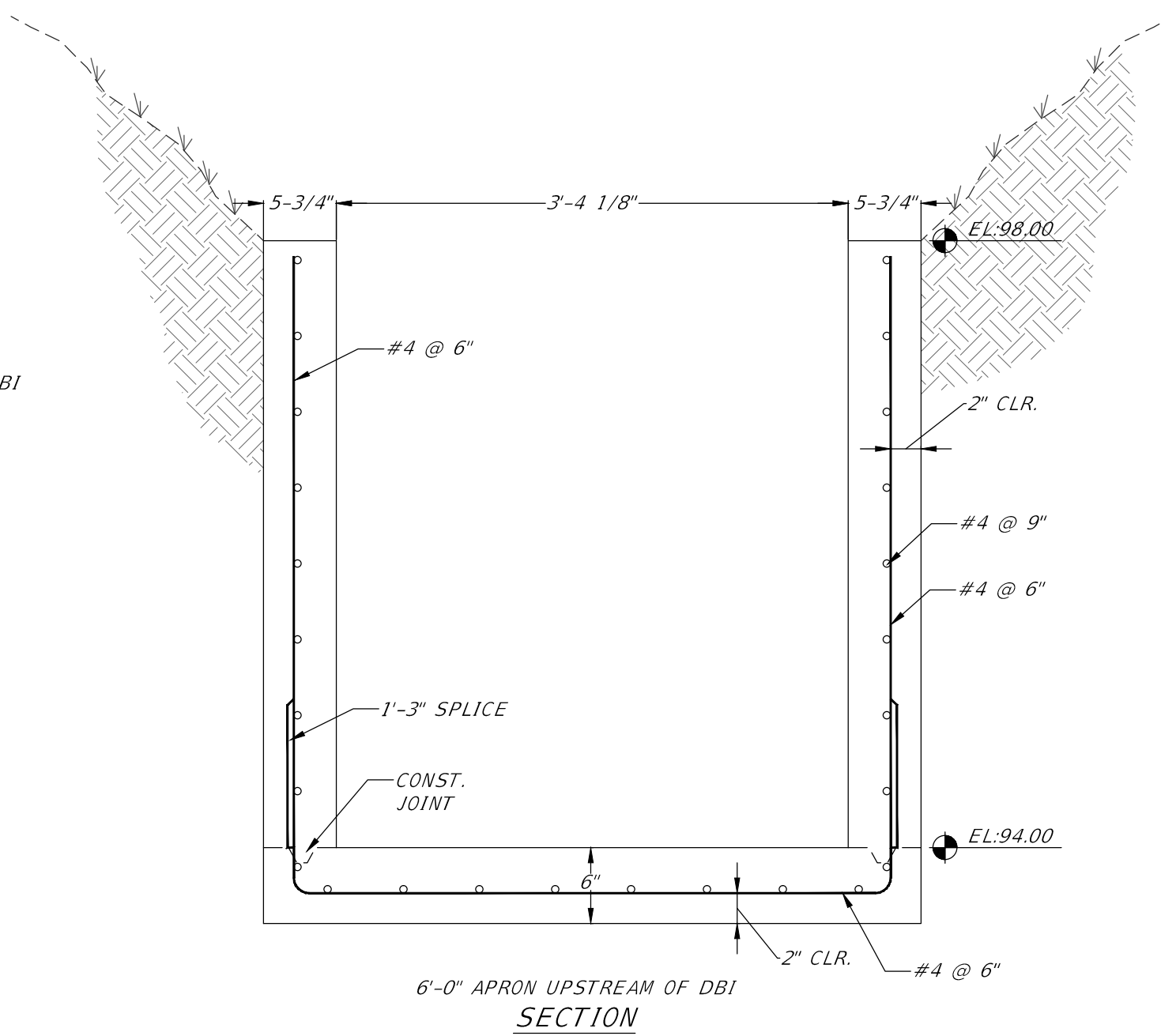
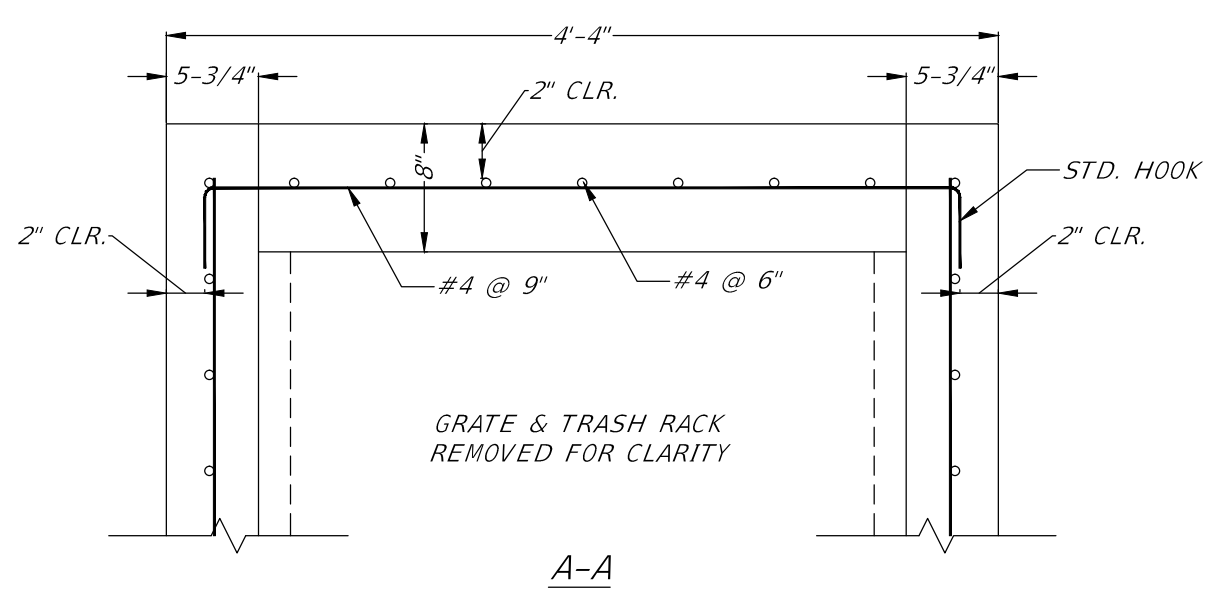
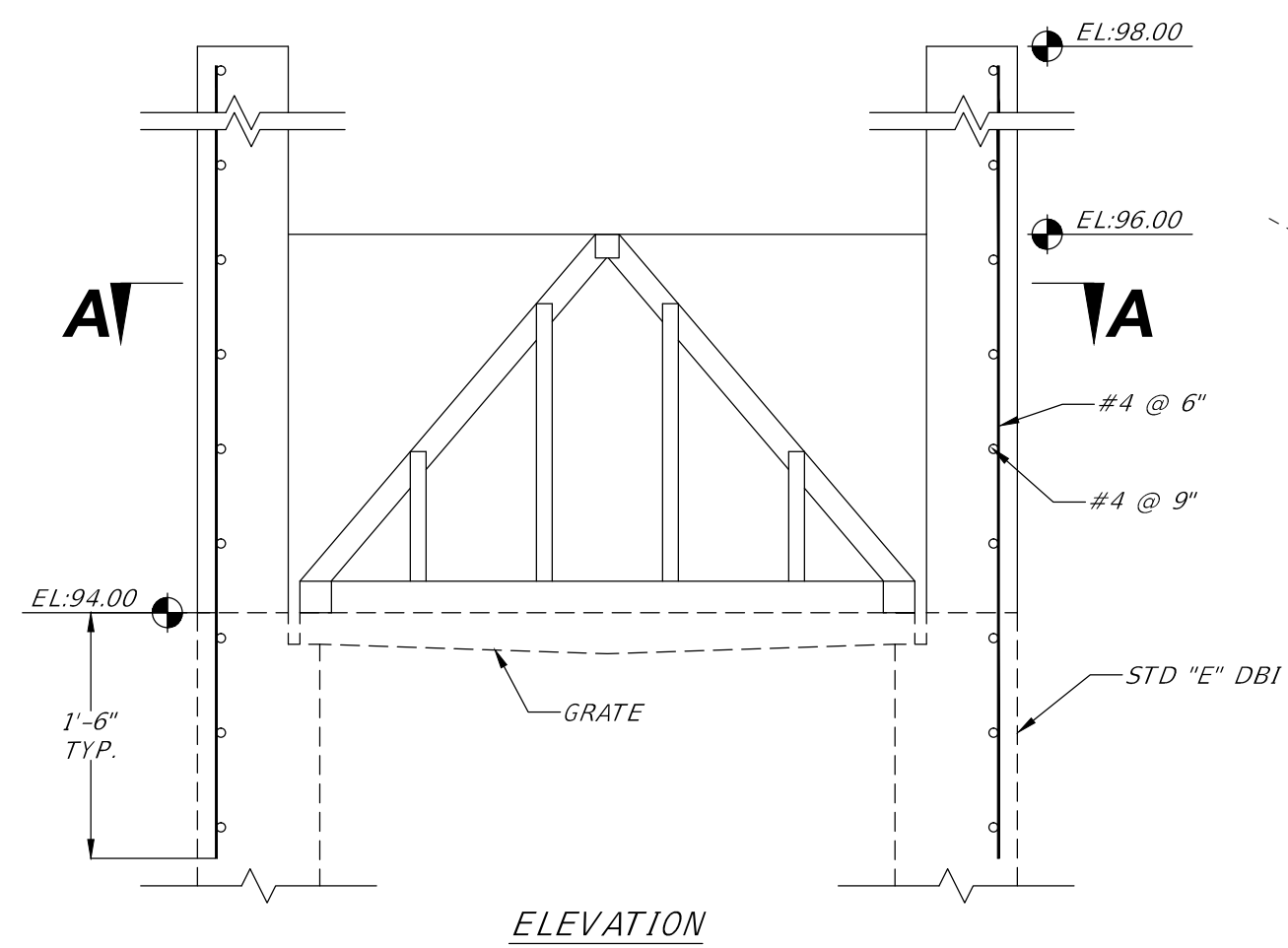
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NO.	BY	REVISIONS	DATE

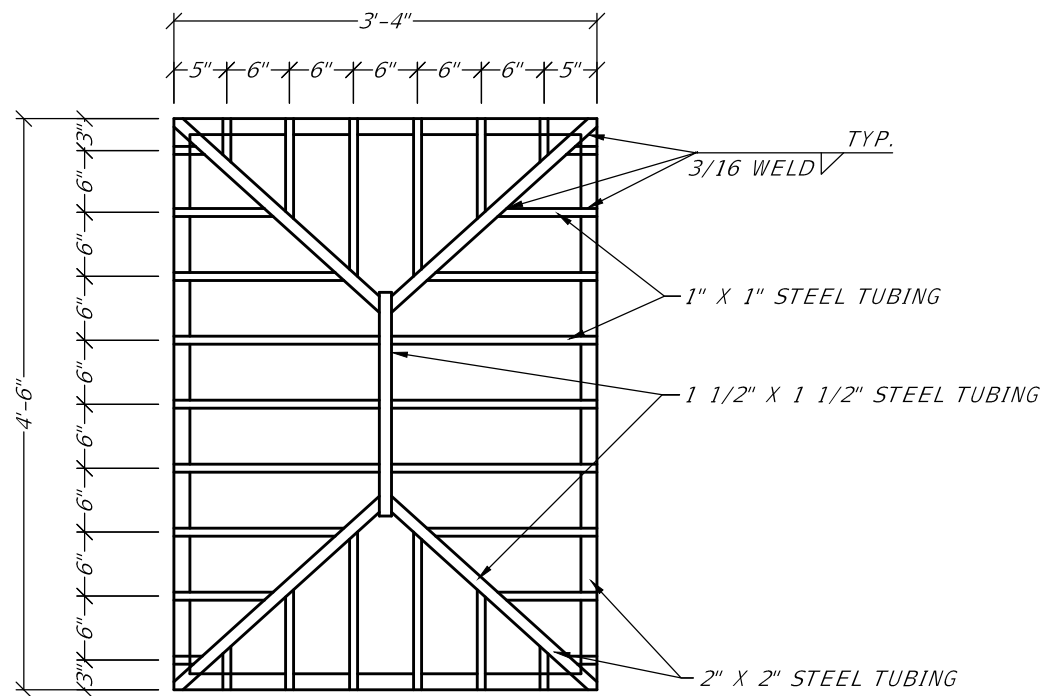
CLIENT	LEON COUNTY PUBLIC WORKS
PROJECT	EDINBURGH ESTATES DRAINAGE IMPROVEMENTS
SHEET	SPECIAL DETAILS

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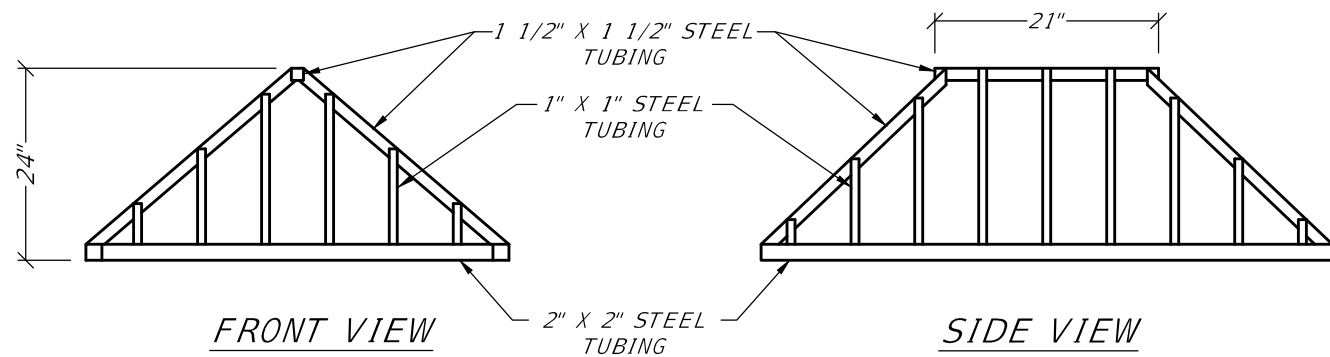
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PE NO.: 68365
DATE: 28 Feb 13



CONCRETE WALL & CONCRETE DITCH BOTTOM SPECIAL DETAIL (SHEET 14)
NTS



PLAN



FRONT VIEW

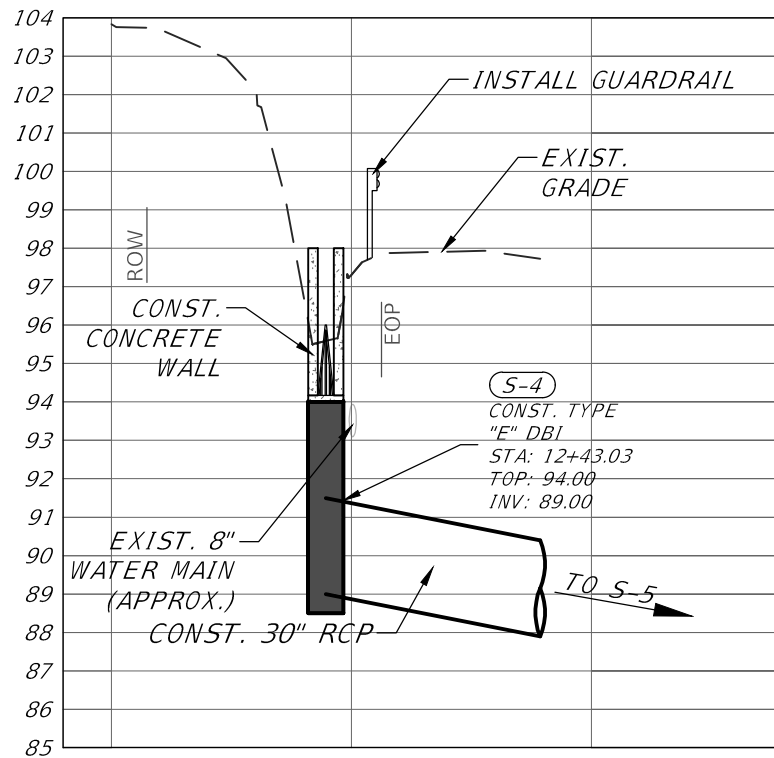
SIDE VIEW

TRASH RACK NOTES

1. TRASH RACK IS TO BE ASSEMBLED USING SQUARE STEEL TUBING.
2. ALL CONNECTIONS ARE TO BE WELDED.
3. EXPOSED ENDS OF TUBING ARE TO BE SEALED WITH FABRICATED STEEL CAPS WELDED IN PLACE.
4. TRASH RACK IS TO BE BLACK POWDER COATED AFTER FABRICATION.
5. TRASH RACK SHALL BE TETHERED TO CONCRETE STRUCTURE BY HEAVY CHAIN.

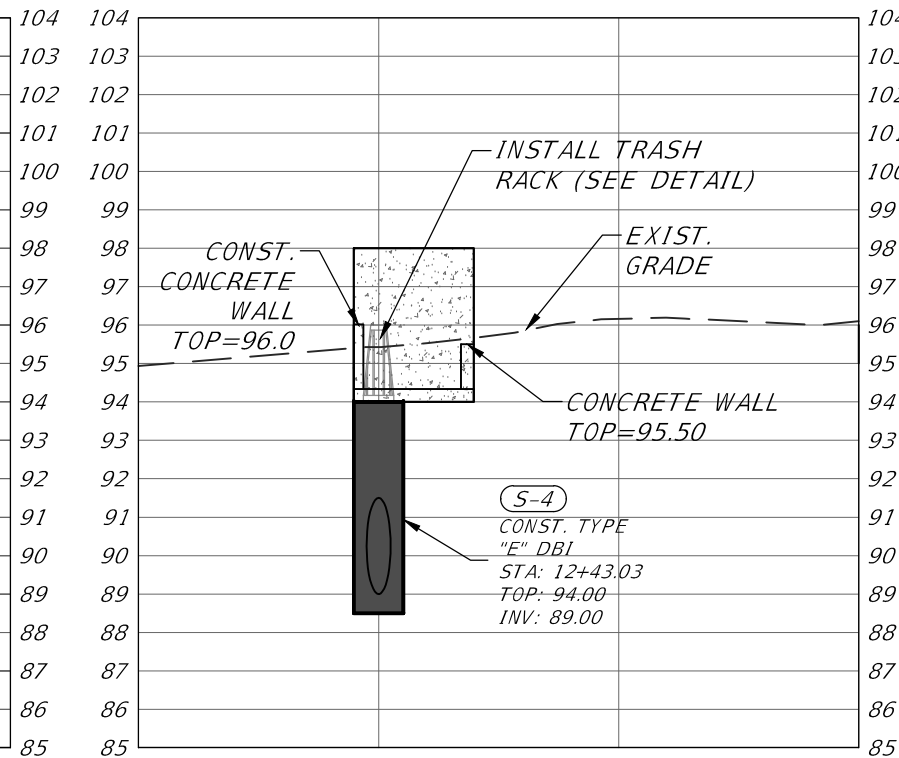
TRASH RACK DETAILS (SHEET 13 & 14)

N.T.S.



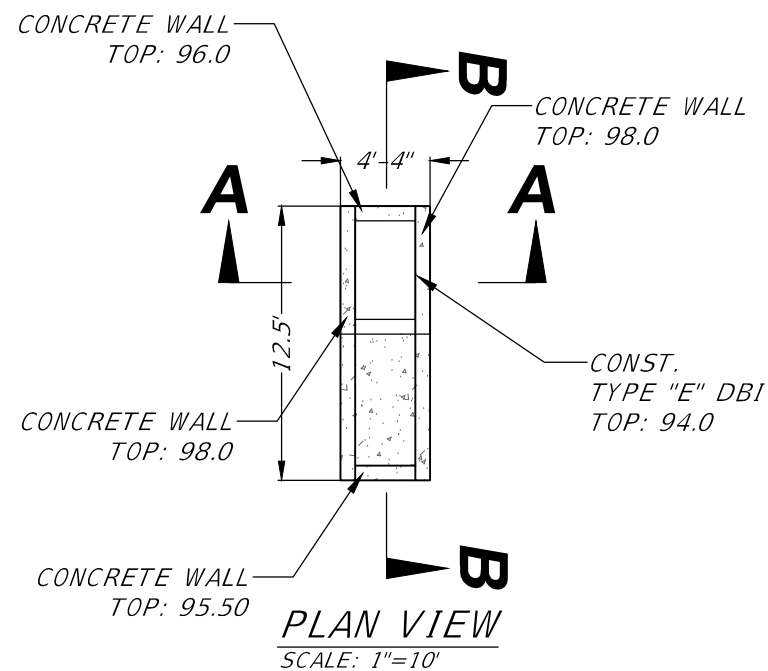
SECTION A-A

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



SECTION B-B

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



PLAN VIEW

SCALE: 1"=10'

SPECIAL DETAIL (SHEET 13 & 14)



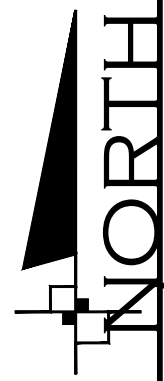
1983 CENTRE POINTE BLVD
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NO.	BY	DATE	REVISIONS

CLIENT	LEON COUNTY PUBLIC WORKS
PROJECT	EDINBURGH ESTATES DRAINAGE IMPROVEMENTS
SHEET	SPECIAL DETAILS

PROGRESS PRINT	
PERMIT RELEASE	
BID RELEASE	
CONSTRUCTION RELEASE	
RELEASE DATE:	28 FEB 13
DRAWN BY:	PMW
CHECKED BY:	RAJ
SCALE:	AS SHOWN

RICHARD A. JENKINS, P.E.
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DATE: 28 Feb 13



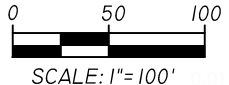
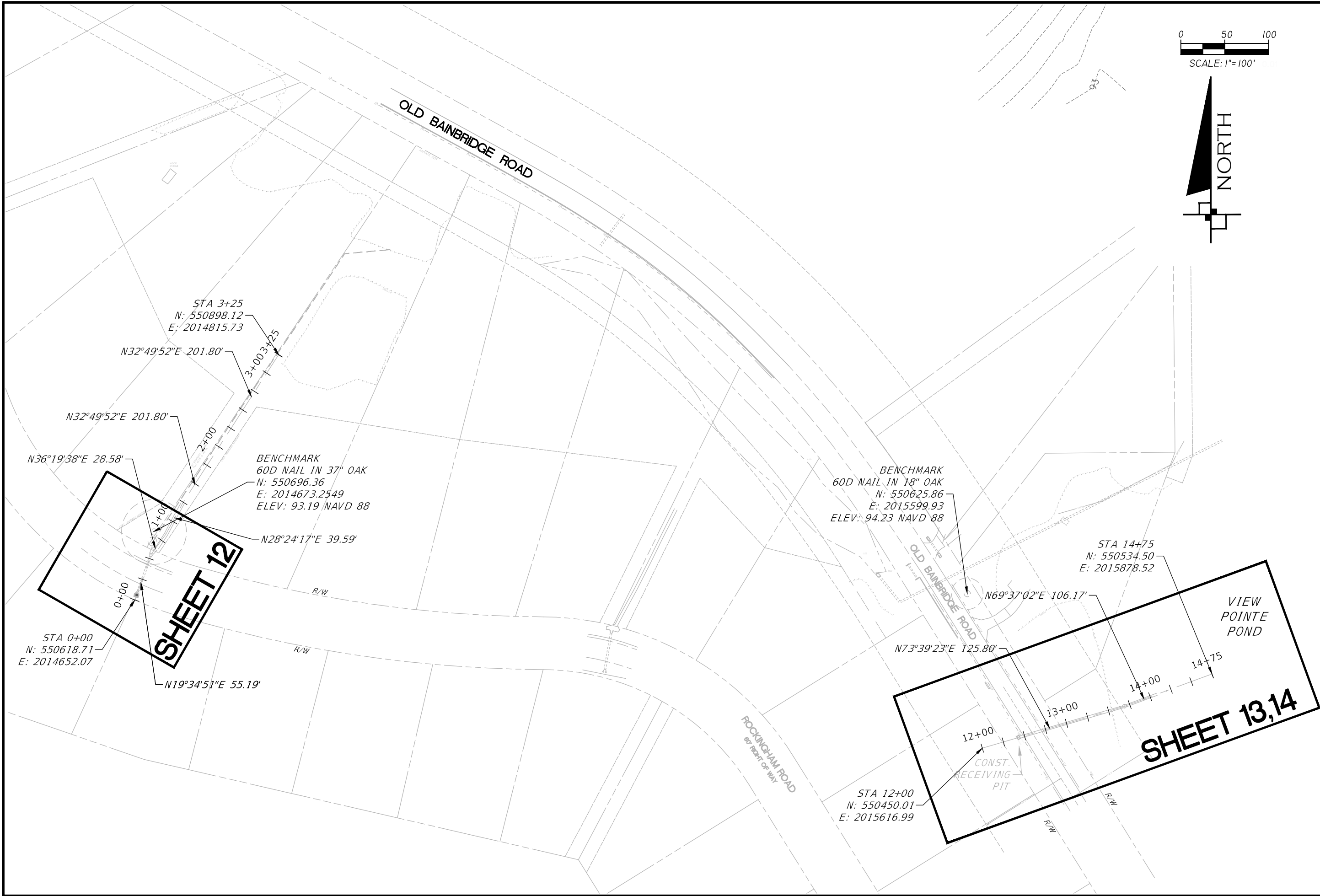
1983 CENTRE POINTE BLVD
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NO.	BY	REVISIONS	DATE

CLIENT	LEON COUNTY PUBLIC WORKS
PROJECT	EDINBURGH ESTATES INFRASTRUCTURE IMPROVEMENTS
SHEET	BASIN MAP

PLAN RELEASE STATUS	
<input type="checkbox"/>	PROGRESS PRINT
<input type="checkbox"/>	PERMIT RELEASE
<input type="checkbox"/>	BID RELEASE
<input type="checkbox"/>	CONSTRUCTION RELEASE
RELEASE DATE:	28 FEB 13
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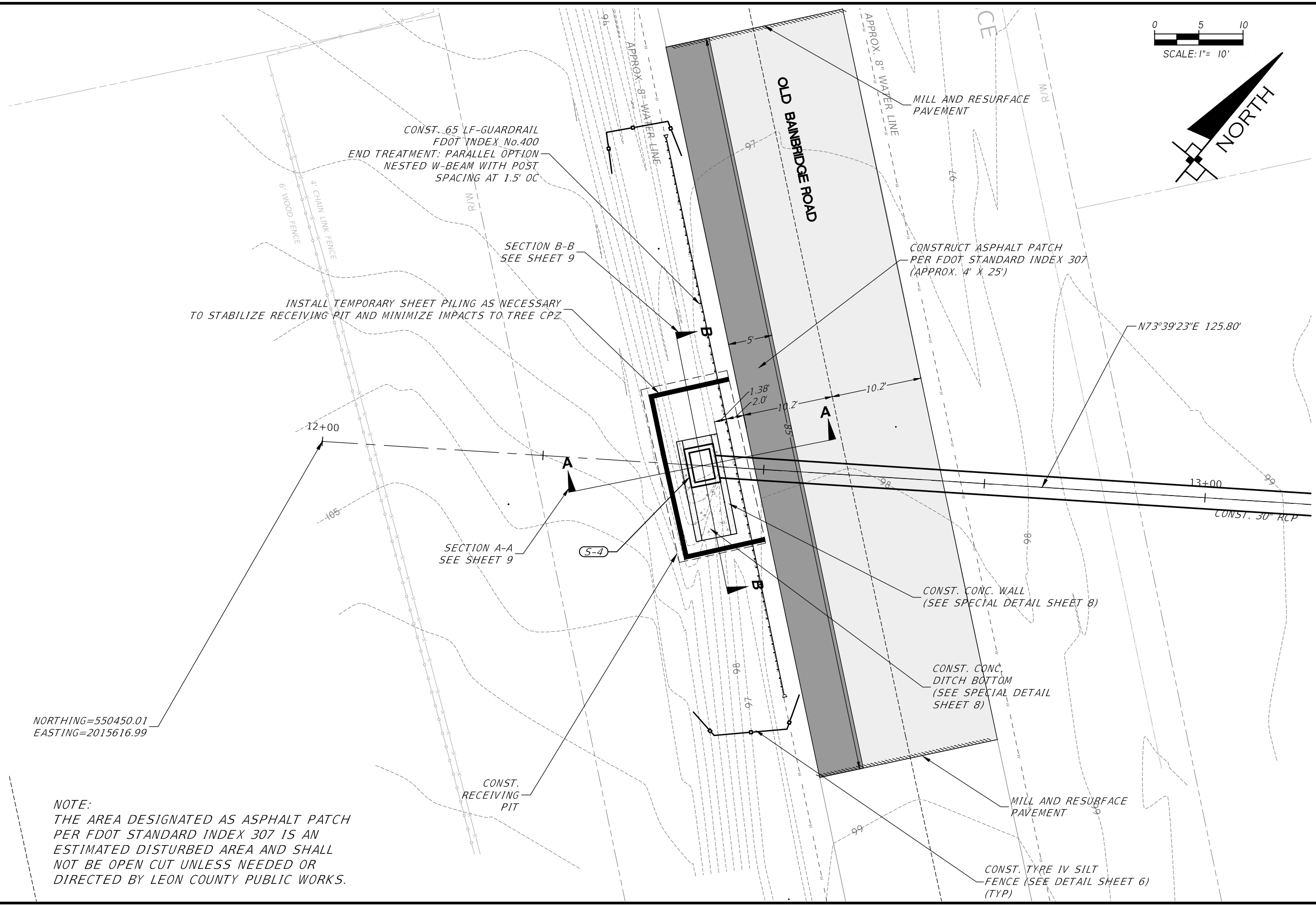
NO.	BY	REVISIONS	DATE

CLIENT	LEON COUNTY
PROJECT	PUBLIC WORKS
SHEET	EDINBURGH ESTATES DRAINAGE IMPROVEMENTS PROJECT LAYOUT

PLAN RELEASE STATUS	
<input type="checkbox"/>	PROGRESS PRINT
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<input type="checkbox"/>	BID RELEASE
<input type="checkbox"/>	CONSTRUCTION RELEASE
RELEASE DATE: 28 FEB 13	
DRAWN BY	PMW
CHECKED BY	RAJ
SCALE: AS SHOWN	

RICHARD A. JENKINS, P.E.
 PE NO.: 68365
 DATE: 28 Feb 13

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NORTHING=550450.01
EASTING=2015616.99

NOTE:
THE AREA DESIGNATED AS ASPHALT PATCH
PER FDOT STANDARD INDEX 307 IS AN
ESTIMATED DISTURBED AREA AND SHALL
NOT BE OPEN CUT UNLESS NEEDED OR
DIRECTED BY LEON COUNTY PUBLIC WORKS.



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NO.	BY	REVISIONS	DATE

PROJECT NO.: 25.005.01
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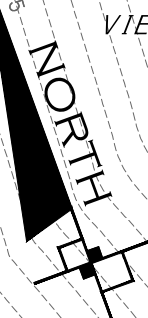
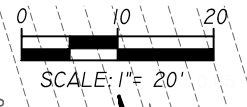
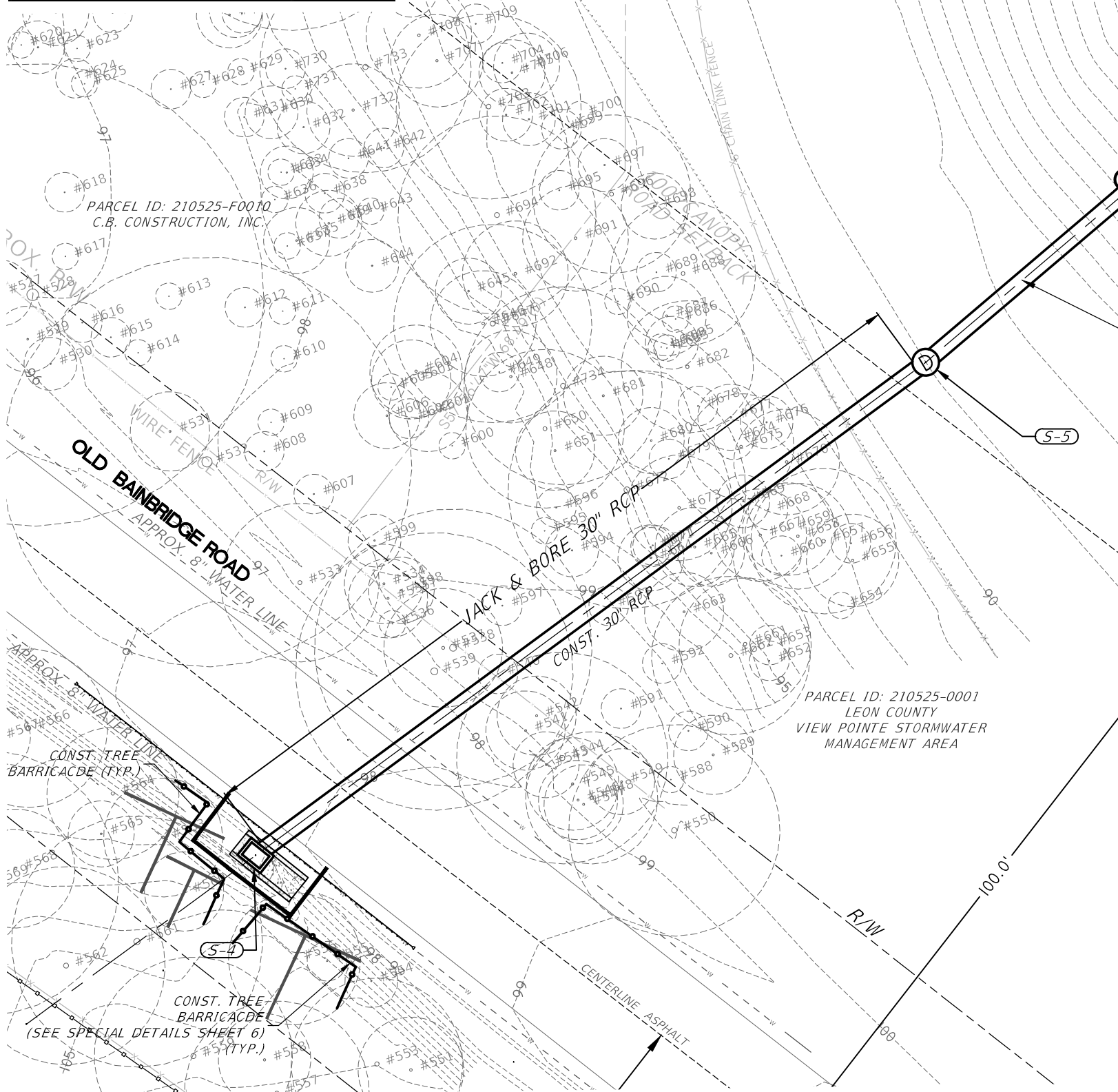
CLIENT	LEON COUNTY PUBLIC WORKS
PROJECT	EDINBURGH ESTATES DRAINAGE IMPROVEMENTS
SHEET	SPECIAL DETAIL PLAN

PLAN RELEASE STATUS	
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RELEASE DATE: 28 FEB 13	
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SCALE: AS SHOWN	

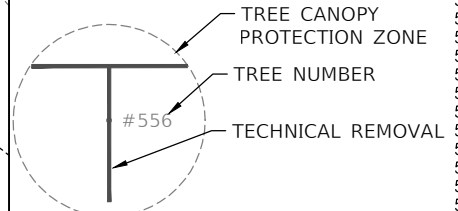
RICHARD A. JENKINS, P.E.
PE NO.: 68365
DATE: 28 Feb 13

NOTE: TECHNICALLY REMOVED TREES WILL BE PROTECTED AND MITIGATED FOR DURING CONSTRUCTION. TREES WILL NOT BE PHYSICALLY REMOVED

TREES TO BE TECHNICALLY REMOVED		
Number	Tree Size & Type	Debits
556	10" SWEET GUM	4
560	6" BLACK CHERRY	2
561	19" WATER OAK	8
563	9" SWEET GUM	4
TOTAL		18



TREE TABLE					
NO.	SIZE(IN)	TYPE	NO.	SIZE(IN)	TYPE
501	9	BLACK CHERRY	601	6	HACKBERRY
502	46	LIVE OAK	602	3	LAUREL OAK
503	14	WATER OAK	603	6	HACKBERRY
504	3	SWEETGUM	604	7	HACKBERRY
505	3	SWEETGUM	605	2	LAUREL OAK
506	3	SWEETGUM	606	5	HACKBERRY
507	10	WATER OAK	607	3	LAUREL OAK
508	18	WATER OAK	608	3	CEDAR
509	14	WATER OAK	609	2	WATER OAK
510	18	WATER OAK	610	2	WATER OAK
511	5	HICKORY	611	2	WATER OAK
512	17	WATER OAK	612	3	WATER OAK
513	9	BLACK CHERRY	613	2	LAUREL OAK
514	6	HICKORY	614	2	WATER OAK
515	11	LIVE OAK	615	3	WATER OAK
516	14	BLACK CHERRY	616	3	WATER OAK
517	3	CEDAR	617	2	WATER OAK
518	3	WATER OAK	618	3	WATER OAK
519	9	PECAN	619	3	SWEETGUM
520	12	PECAN	620	2	SWEETGUM
521	8	HACKBERRY	621	4	WATER OAK
522	8	HACKBERRY	622	5	WATER OAK
523	3	LIVE OAK	623	2	WATER OAK
524	14	WATER OAK	624	3	WATER OAK
525	16	WATER OAK	625	2	BLACK CHERRY
526	5	HICKORY	626	3	WATER OAK
527	5	WATER OAK	627	3	HICKORY
528	35	HACKBERRY	628	2	WATER OAK
529	5	WATER OAK	629	2	WATER OAK
530	4	LIVE OAK	630	4	WATER OAK
531	6	HICKORY	631	3	WATER OAK
532	31	WATER OAK	632	4	WATER OAK
533	12	BLACK CHERRY	633	2	HICKORY
534	6	HACKBERRY	634	4	WATER OAK
535	6	WATER OAK	635	5	HACKBERRY
536	2	MAGNOLIA	636	2	WATER OAK
537	9	HACKBERRY	637	2	WATER OAK
538	21	WATER OAK	638	3	LAUREL OAK
539	21	WATER OAK	639	5	HACKBERRY
540	3	HACKBERRY	640	3	LAUREL OAK
541	6	WATER OAK	641	3	WATER OAK
542	6	HACKBERRY	642	3	CEDAR
543	5	PECAN	643	2	WATER OAK
544	16	WATER OAK	644	4	HACKBERRY
545	7	PECAN	645	5	HACKBERRY
546	6	SWEETGUM (POOR)	646	8	SWEETGUM
547	6	SWEETGUM	647	15	SWEETGUM
548	10	SWEETGUM	648	7	HACKBERRY
549	5	HACKBERRY	649	3	WATER OAK
550	16	BLACK CHERRY	650	12	PECAN
551	8	HICKORY	651	6	SWEETGUM
552	5	HACKBERRY	652	3	WATER OAK
553	13	POST OAK	653	3	WATER OAK
554	4	SWEETGUM	654	2	WATER OAK
555	3	HICKORY	655	7	WATER OAK
556	10	SWEETGUM	656	3	LAUREL OAK
557	14	SWEETGUM	657	11	WATER OAK
558	7	SWEETGUM	658	8	WATER OAK
559	15	WATER OAK	659	7	WATER OAK
560	6	BLACK CHERRY	660	3	WATER OAK (POOR)
561	19	WATER OAK	661	10	HACKBERRY
562	15	SWEETGUM	662	12	HACKBERRY
563	9	SWEETGUM	663	6	HACKBERRY
564	10	SWEETGUM	664	5	HACKBERRY
565	5	BLACK CHERRY	665	6	LAUREL OAK
566	12	SWEETGUM	666	5	HACKBERRY
567	5	HACKBERRY	667	7	WATER OAK
568	9	WATER OAK	668	3	PECAN
569	20	WATER OAK	669	4	WATER OAK
570	24	WATER OAK	670	8	WATER OAK
571	11	SWEETGUM	671	3	HACKBERRY
572	11	SWEETGUM	672	3	HACKBERRY
573	22	LIVE OAK	673	18	SWEETGUM
574	3	WATER OAK	674	8	HACKBERRY
575	4	WATER OAK	675	3	WATER OAK
576	3	HICKORY	676	8	WATER OAK
577	13	WATER OAK	677	4	WATER OAK
578	18	SWEETGUM	678	5	WATER OAK
579	7	PECAN	679	3	WATER OAK
580	6	SWEETGUM	680	3	HACKBERRY
581	8	PECAN	681	5	HACKBERRY
582	18	WATER OAK	682	6	HACKBERRY
583	4	SWEETGUM	683	10	WATER OAK
584	6	HACKBERRY	684	2	WATER OAK
585	2	HACKBERRY	685	2	WATER OAK
586	4	HACKBERRY	686	4	WATER OAK
587	22	HICKORY	687	2	PECAN
588	2	WATER OAK	688	6	WATER OAK
589	6	HACKBERRY	689	11	WATER OAK
590	3	HACKBERRY	690	3	WATER OAK
591	3	HACKBERRY	691	2	WATER OAK
592	3	HACKBERRY	692	8	WATER OAK
593	3	LAUREL OAK	693	8	HACKBERRY
594	4	CEDAR	694	15	HACKBERRY
595	2	LAUREL OAK	695	3	WATER OAK
596	3	WATER OAK	696	12	WATER OAK
597	3	LAUREL OAK	697	4	WATER OAK
598	5	SWEETGUM	698	5	WATER OAK
599	4	HACKBERRY	699	3	BLACK CHERRY
600	2	LAUREL OAK	700	2	WATER OAK



NO.	SIZE(IN)	TYPE
701	4	WATER OAK
702	4	BLACK CHERRY
703	14	WATER OAK
704	3	WATER OAK
705	5	WATER OAK
706	5	BLACK CHERRY
707	7	WATER OAK
708	8	WATER OAK
709	3	PECAN
710	14	CEDAR
711	21	PECAN
712	4	WATER OAK
713	2	HACKBERRY
714	2	MAGNOLIA
715	14	CEDAR
716	2	HACKBERRY
717	2	HACKBERRY
718	4	WATER OAK
720	5	HACKBERRY
721	6	HACKBERRY
722	8	HACKBERRY
723	4	WATER OAK
724	2	LAUREL OAK
725	3	WATER OAK
726	9	HACKBERRY
727	3	LAUREL OAK
728	4	HACKBERRY
729	5	WATER OAK
730	3	WATER OAK
731	2	LIVE OAK
732	7	PECAN
733	16	HACKBERRY
734	15	SWEETGUM

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DATE	REVISIONS	BY	NO.	PROJECT NO.: 25.005.01
CLIENT	PROJECT	SHEET	DRAWING FILE: J:\125\0025.005.01\DWG\BASE.DWG	
LEON COUNTY	PUBLIC WORKS	EDINBURGH ESTATES	TREE INVENTORY PLAN	
PLAN RELEASE STATUS				
<input type="checkbox"/> PROGRESS PRINT <input type="checkbox"/> PERMIT RELEASE <input type="checkbox"/> BID RELEASE <input type="checkbox"/> CONSTRUCTION RELEASE				
RELEASE DATE: 28 FEB 13				
DRAWN BY	CHECKED BY	SCALE	INITIAL	DATE
RAJ	RAJ	AS SHOWN	PMW	28 FEB 13
RICHARD A. JENKINS, P.E. PE NO.: 68365 DATE: 28 FEB 13				
SHEET	15			OF
				15