PERMIT DOCUMENTS

FOR

TIMBERLAKE STORMWATER ENHANCEMENT PROJECT

PREPARED FOR

LEON COUNTY
PUBLIC WORKS
2280 Miccosukee Road
Tallahassee, Fl 32308
Ph: 850-606-1500 Fax: 850-606-1501

GENERAL NOTES

1. ELEVATIONS WITHIN THE ROADWAY RIGHT-OF-WAY SHOWN ON THESE PLANS ARE BASED ON A FIELD SURVEY BY HSA CONSULTING GROUP, INC. DATED OCTOBER 01, 2010.
2. VERTICAL SURVEY DATUM-NAVD 88.
3. ALL ROADWAY AND DRAINAGE CONSTRUCTION SHALL BE IN ACCORDANCE WITH F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2010, DIVISIONS II AND III.
4. AT THE PRECONSTRUCTION MEETING THE CONTRACTOR SHALL DESIGNATE A REPRESENTATIVE WHO IS CERTIFIED IN EROSION AND SEDIMENTATION CONTROL AND SHALL BE CAPABLE OF BEING REACHED 24 HOURS A DAY, 7 DAYS A WEEK.
5. THE CONTRACTOR WILL DESIGNATE A STORMWATER MANAGEMENT CONTROL OFFICER PRIOR TO THE PRECONSTRUCTION MEETING, AND WILL INFORM THE ENVIRONMENTAL INSPECTOR.
6. EXISTING UTILITIES HAVE BEEN LOCATED USING THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES AND PROVIDE FOR PROTECTION OF EXISTING UTILITIES DURING CONSTRUCTION.THE CONTRACTOR SHALL NOTIFY SUNSHINE ONE CALL (1-800-432-4770), 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
7. HORIZONTAL AND VERTICAL CONTROL SHALL BE PROVIDED FOR THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CONTROLS THROUGHOUT THE DURATION OF CONSTRUCTION.
8. ALL DISTURBED AREAS SHALL BE SODDED. PROBLEM AREAS SHALL BE SODDED AS DIRECTED BY THE LEON COUNTY ENVIRONMENTAL INSPECTOR. ALL DISTURBED AREAS WITH SLOPES 4:1 AND STEEPER SHALL HAVE A PLASTIC EROSION MAT FROM THE TOP OF THE EMBANKMENT TO THE BOTTOM OF THE EMBANKMENT FACE, PINNING THE EROSION MAT IN PLACE USING STAKES OR PINS SPACED THREE (3) FEET APART IN A STAGGERED PATTERN. THE EROSION MAT SHALL CONFORM TO FDOT STANDARD SPECIFICATION 501. IF THE EROSION MAT DOES NOT COME WITH FERTILIZER ALREADY PLACED IN THE MAT, THEN FERTILIZER SHOULD BE ADDED PRIOR TO PLACING THE SOD TO ENHANCE QUICK ROOT DEVELOPMENT OF THE SOD AND AFTER THE EROSION MAT IS INSTALLED, PLACE AND STAKE/PIN THE SOD IN PLACE.
9. THE CONTRACTOR SHALL SUBMIT A POST-CONSTRUCTION CERTIFICATION, REPRODUCIBLE RECORD DRAWINGS, AND ELECTRONIC FILE (CADD 2007) TO THE ENGINEER PRIOR TO INSPECTION AND ACCEPTANCE. THE RECORD DRAWINGS SHALL BE PREPARED AND CERTIFIED BY A PROFESSIONAL LAND SURVEYOR.
10. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE LEON COUNTY ENVIRONMENTAL MANAGEMENT PERMIT.
11. 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 COUNTY ENGINEER OR THE COUNTY ENGINEER'S DESIGNATED FIELD REPRESENTATIVE.
12. EXCAVATED MATERIAL MAY NEED TO BE STOCKPILED FOR DRYING PRIOR TO BEING HAULED OFFSITE. CONTRACTOR MUST STAY WITHIN THE PROJECT AREA OR ACQUIRE THE PROPERTY AND PERMITTING RIGHTS FOR A STOCKPILE/LAYDOWN AREA. THE LEON COUNTY SOLID WASTE FACILITY IS THE DESIGNATED HAUL LOCATION IF THE CONTRACTOR CHOOSES NOT TO TAKE OWNERSHIP OF THE EXCAVATED SOIL.
13. SHOULD DEWATERING BE REQUIRED FOR CONSTRUCTION, ALL WATER IS TO REMAIN ON SITE.
14. ANTICIPATED START AND END OF CONSTRUCTION ARE JUNE 2011 AND MARCH 2012, RESPECTIVELY.
15. IF DURING CONSTRUCTION OR OPERATION OF THE STORMWATER MANAGEMENT SYSTEM, A KARST FEATURE IS OBSERVED THAT HAS THE POTENTIAL TO CAUSE THE DIRECT DISCHARGE OF SURFACE WATER INTO THE FLORIDIAN AQUIFER SYSTEM, CORRECTIVE ACTIONS DESIGNED OR APPROVED BY A REGISTERED PROFESSIONAL SHALL BE TAKEN AS SOON AS PRACTICAL TO CORRECT THE KARST FEATURE. A REPORT PREPARED BY A REGISTERED PROFESSIONAL WILL BE PROVIDED AS SOON AS PRACTICAL TO THE DEPARTMENT FOR REVIEW AND APPROVAL THAT PROVIDES REASONABLE ASSURANCE THAT THE KARST FEATURE WILL BE PERMANENTLY CORRECTED.
16. A COPY OF THE PERMIT WILL BE KEPT ON SITE, ALSO AN 8 ½ BY 11 WEATHER RESISTANT SIGN, INCLUDING THE PERMIT NUMBER SHALL BE PLACED ON THE PROPERTY FACING THE ROAD. THE CONTRACTOR IS REQUIRED TO REVIEW THE COMPLETE PERMIT PRIOR TO CONSTRUCTION COMMENCEMENT.
17. AT THE PRELIMINARY CONSTRUCTION MEETING, THE CONTRACTOR SHALL COORDINATE WITH LEON COUNTY ON THE LOCATION OF THE STAGING AREA. THE STAGING AREA MUST BE LOCATED SO THAT NO CONTAMINATES FROM THE CONSTRUCTION EQUIPMENT IS RELEASED IN WETLANDS, SURFACE WATERS, AND GROUND WATER. IF NO SUCH LOCATION EXISTS THE CONTRACTOR WILL COORDINATE WITH LEON COUNTY AND NWFWMD ON PREVENTATIVE CONTROL MEASURES FOR CONTAINING CONTAMINATES.

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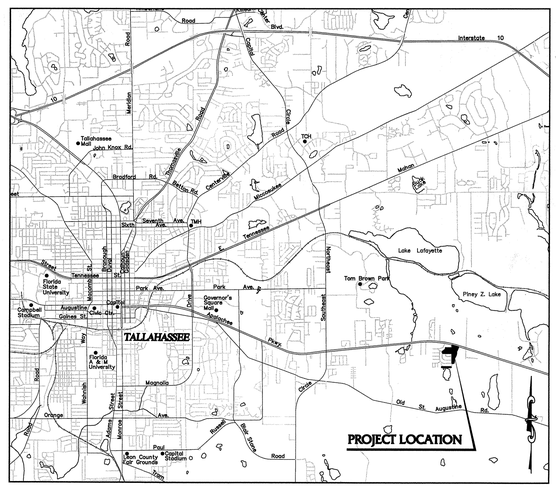
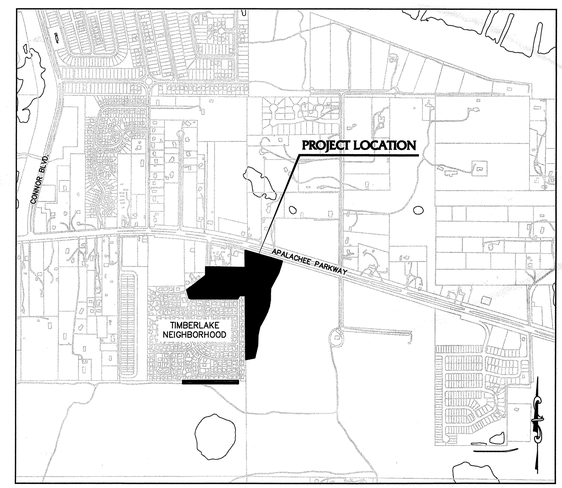


VICINITY MAP
N.T.S.



LOCATION MAP
N.T.S.

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INCLUDED IN PLANS BY REFERENCE:
DESIGN STANDARDS (BOOKLET DATED 2010)
FLORIDA DEPARTMENT OF TRANSPORTATION

REVISIONS

APPROVED
PERMIT # LEM11-00029 a JPK
DATE 05-27-2011
☑ Special Conditions Exist For This Permit. Refer to Exhibit(s):
Attachment A
Exhibit B
Exhibit C

EXHIBIT A

PREPARED BY:

ATKINS
2639 N. Monroe St. Building C - Tallahassee, Florida 32303 - 850.575.1800
FBPR Certificate of Authorization No. 24

ENGINEER OF RECORD:
ATKINS
NORMAN F. ROBERTSON
P.E. NO. 69785

SURVEYOR OF RECORD:
JOHN E. MATTHEWS, PLC
P.S.M. NO. 4494
HSA CONSULTING GROUP, INC.
1648 METROPOLITAN CIRCLE, SUITE A
TALLAHASSEE, FL 32308
(850) 309-7510

APPLICANT'S COPY

MAY 2011

TIMBERLAKE STORMWATER ENHANCEMENT - 100017411

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JOB NO. 100016676
DRAWN MR/WD
DESIGNED JF
CHECKED KB
QC
SHEET 2

NORMAN F. ROBERTSON
P.E. NO. 69785
5/26/11
Signature Date
NOT VALID FOR CONSTRUCTION UNLESS SIGNED IN RED INK

ORIGINAL MAY 2011
REVISIONS:
1
2
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5

TASK
EXISTING CONDITIONS

PROJECT
TIMBERLAKE STORMWATER ENHANCEMENT PROJECT

CLIENT
LEON COUNTY
FLORIDA'S CAPITAL COUNTY

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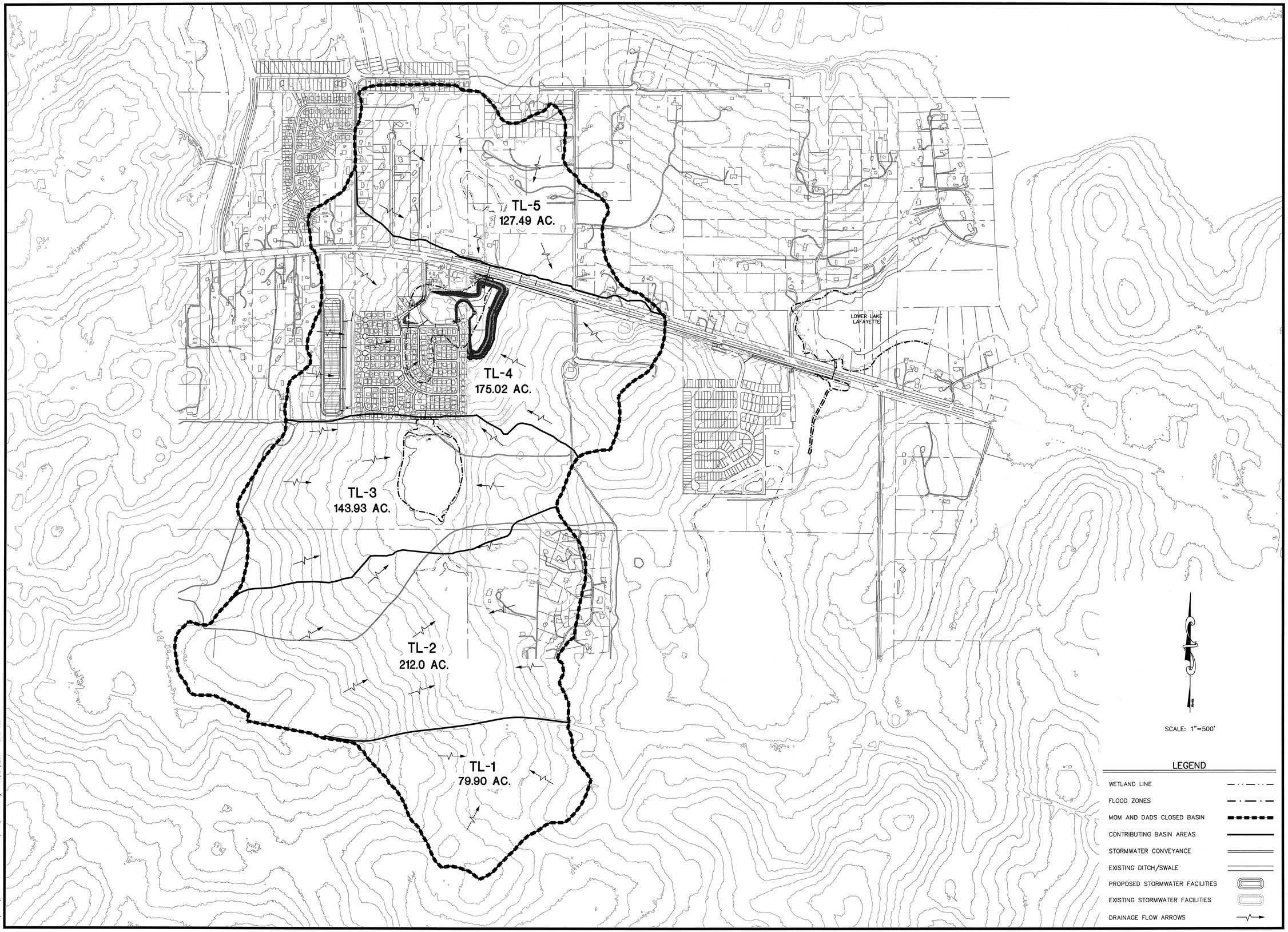

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SHEET 3

NORMAN F. ROBERTSON
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TASK
DRAINAGE BASIN MAP

PROJECT
TIMBERLAKE STORMWATER ENHANCEMENT PROJECT

CLIENT
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FLORIDA'S CAPITAL COUNTY

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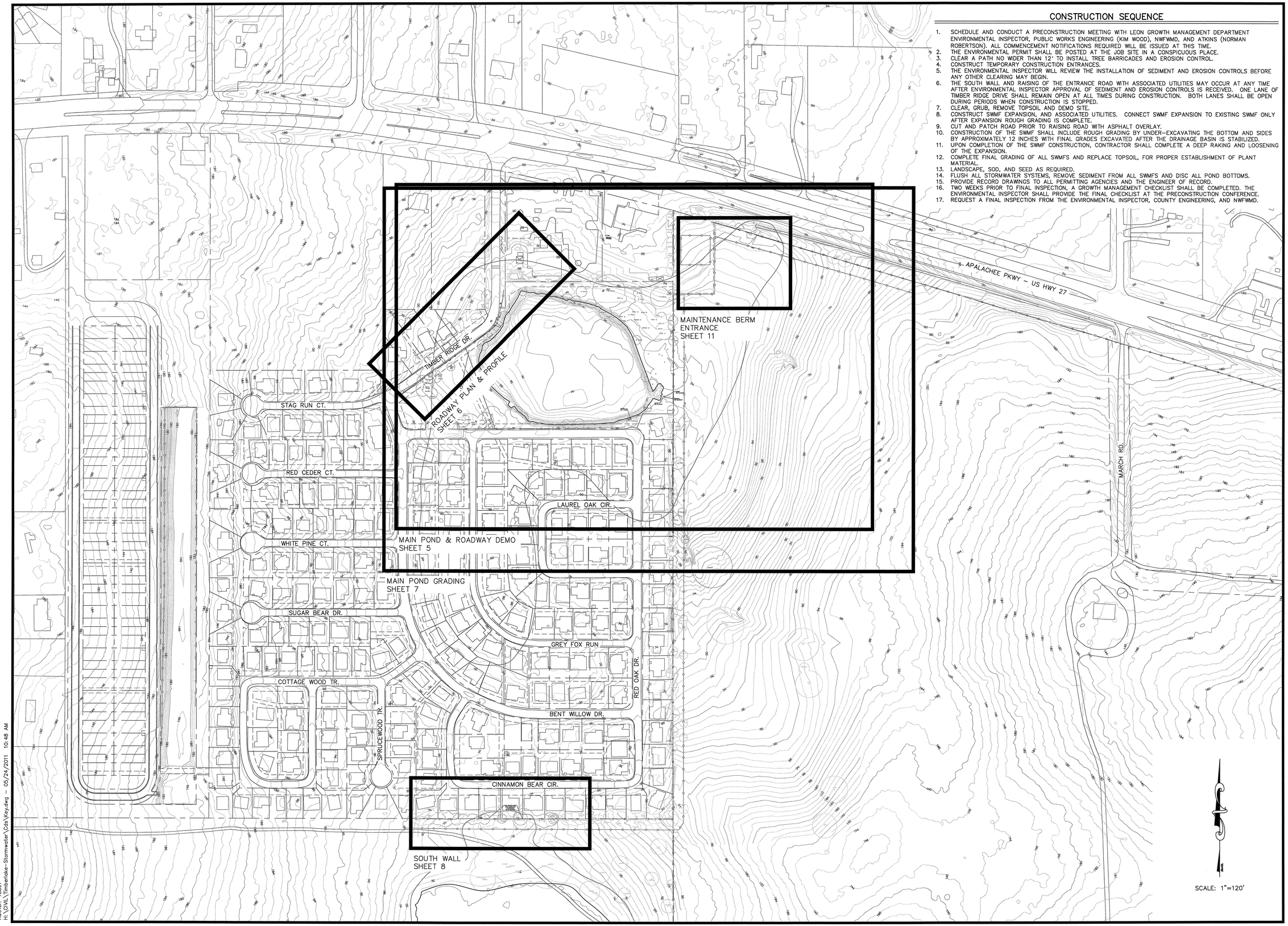
CONSTRUCTION SEQUENCE

1. SCHEDULE AND CONDUCT A PRECONSTRUCTION MEETING WITH LEON GROWTH MANAGEMENT DEPARTMENT ENVIRONMENTAL INSPECTOR, PUBLIC WORKS ENGINEERING (KIM WOOD), NWFWMD, AND ATKINS (NORMAN ROBERTSON). ALL COMMENCEMENT NOTIFICATIONS REQUIRED WILL BE ISSUED AT THIS TIME.
2. THE ENVIRONMENTAL PERMIT SHALL BE POSTED AT THE JOB SITE IN A CONSPICUOUS PLACE.
3. CLEAR A PATH NO WIDER THAN 12' TO INSTALL TREE BARRICADES AND EROSION CONTROL.
4. CONSTRUCT TEMPORARY CONSTRUCTION ENTRANCES.
5. THE ENVIRONMENTAL INSPECTOR WILL REVIEW THE INSTALLATION OF SEDIMENT AND EROSION CONTROLS BEFORE ANY OTHER CLEARING MAY BEGIN.
6. THE SOUTH WALL AND RAISING OF THE ENTRANCE ROAD WITH ASSOCIATED UTILITIES MAY OCCUR AT ANY TIME AFTER ENVIRONMENTAL INSPECTOR APPROVAL OF SEDIMENT AND EROSION CONTROLS IS RECEIVED. ONE LANE OF TIMBER RIDGE DRIVE SHALL REMAIN OPEN AT ALL TIMES DURING CONSTRUCTION. BOTH LANES SHALL BE OPEN DURING PERIODS WHEN CONSTRUCTION IS STOPPED.
7. CLEAR, GRUB, REMOVE TOPSOIL AND DEMO SITE.
8. CONSTRUCT SWMF EXPANSION, AND ASSOCIATED UTILITIES. CONNECT SWMF EXPANSION TO EXISTING SWMF ONLY AFTER EXPANSION ROUGH GRADING IS COMPLETE.
9. CUT AND PATCH ROAD PRIOR TO RAISING ROAD WITH ASPHALT OVERLAY.
10. CONSTRUCTION OF THE SWMF SHALL INCLUDE ROUGH GRADING BY UNDER-EXCAVATING THE BOTTOM AND SIDES BY APPROXIMATELY 12 INCHES WITH FINAL GRADES EXCAVATED AFTER THE DRAINAGE BASIN IS STABILIZED.
11. UPON COMPLETION OF THE SWMF CONSTRUCTION, CONTRACTOR SHALL COMPLETE A DEEP RAKING AND LOOSENING OF THE EXPANSION.
12. COMPLETE FINAL GRADING OF ALL SWMFS AND REPLACE TOPSOIL, FOR PROPER ESTABLISHMENT OF PLANT MATERIAL.
13. LANDSCAPE, SOD, AND SEED AS REQUIRED.
14. FLUSH ALL STORMWATER SYSTEMS, REMOVE SEDIMENT FROM ALL SWMFS AND DISC ALL POND BOTTOMS.
15. PROVIDE RECORD DRAWINGS TO ALL PERMITTING AGENCIES AND THE ENGINEER OF RECORD.
16. TWO WEEKS PRIOR TO FINAL INSPECTION, A GROWTH MANAGEMENT CHECKLIST SHALL BE COMPLETED. THE ENVIRONMENTAL INSPECTOR SHALL PROVIDE THE FINAL CHECKLIST AT THE PRECONSTRUCTION CONFERENCE.
17. REQUEST A FINAL INSPECTION FROM THE ENVIRONMENTAL INSPECTOR, COUNTY ENGINEERING, AND NWFWMD.



JOB NO. 100016676
DRAWN MR/WD
DESIGNED JF
CHECKED KB
QC
SHEET 4

NORMAN F. ROBERTSON
P.E. NO. 69785
Signature
Date
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ORIGINAL MAY 2011
REVISIONS:
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TASK

KEY MAP

PROJECT

TIMBERLAKE STORMWATER ENHANCEMENT PROJECT

CLIENT

LEON COUNTY FLORIDA'S CAPITAL COUNTY

ATKINS
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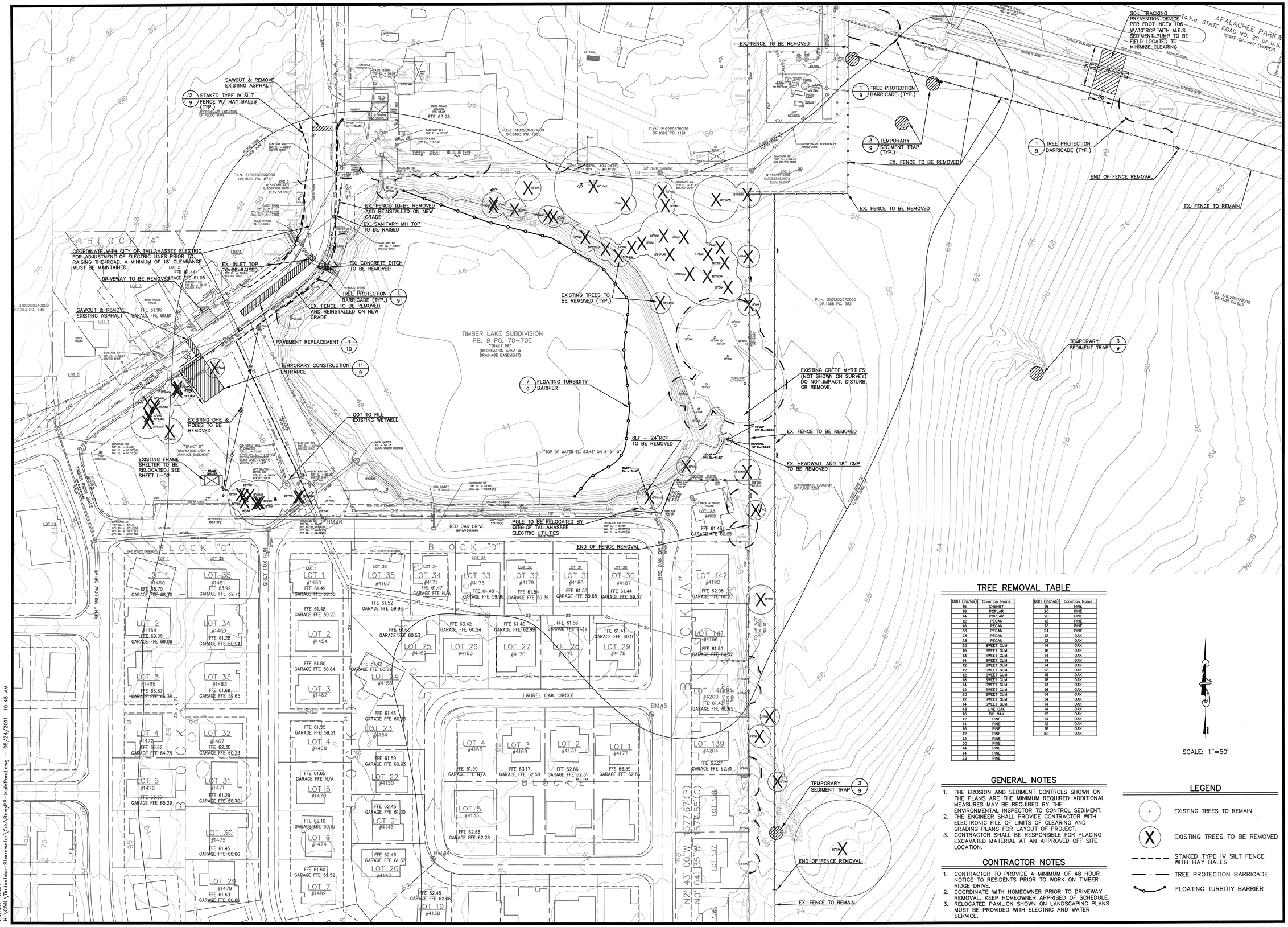

TREE REMOVAL TABLE

DBH (inches)	Common Name
16	CHERRY
18	POPLAR
14	POPLAR
12	PECAN
16	PECAN
36	PECAN
28	PECAN
28	PECAN
20	SWEET GUM
16	SWEET GUM
13	SWEET GUM
14	SWEET GUM
12	SWEET GUM
12	SWEET GUM
12	SWEET GUM
18	SWEET GUM
14	SWEET GUM
12	SWEET GUM
20	SWEET GUM
12	SWEET GUM
14	SWEET GUM
48	LIVE OAK
16	TW. OAK
12	PINE
14	PINE
16	PINE
12	PINE
12	PINE
30	PINE
14	PINE
14	PINE
22	PINE

DBH (inches)	Common Name
18	PINE
20	PINE
20	PINE
12	PINE
28	PINE
24	PINE
12	OAK
12	OAK
14	OAK
18	OAK
14	OAK
14	OAK
14	OAK
28	OAK
15	OAK
18	OAK
13	OAK
16	OAK
14	OAK
14	OAK
14	OAK
12	OAK
14	OAK
12	OAK
18	OAK
60	OAK

SCALE: 1"=50'

GENERAL NOTES

1. THE EROSION AND SEDIMENT CONTROLS SHOWN ON THE PLANS ARE THE MINIMUM REQUIRED ADDITIONAL MEASURES MAY BE REQUIRED BY THE ENVIRONMENTAL INSPECTOR TO CONTROL SEDIMENT.
2. THE ENGINEER SHALL PROVIDE CONTRACTOR WITH ELECTRONIC FILE OF LIMITS OF CLEARING AND GRADING PLANS FOR LAYOUT OF PROJECT.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING EXCAVATED MATERIAL AT AN APPROVED OFF SITE LOCATION.

CONTRACTOR NOTES

1. CONTRACTOR TO PROVIDE A MINIMUM OF 48 HOUR NOTICE TO RESIDENTS PRIOR TO WORK ON TIMBER RIDGE DRIVE.
2. COORDINATE WITH HOMEOWNER PRIOR TO DRIVEWAY REMOVAL. KEEP HOMEOWNER APPRISED OF SCHEDULE.
3. RELOCATED PAVILION SHOWN ON LANDSCAPING PLANS MUST BE PROVIDED WITH ELECTRIC AND WATER SERVICE.

LEGEND

- EXISTING TREES TO REMAIN
- EXISTING TREES TO BE REMOVED
- STAKED TYPE IV SILT FENCE WITH HAY BALES
- TREE PROTECTION BARRICADE
- FLOATING TURBITIY BARRIER

JOB NO. 100016676
DRAWN MR/WD
DESIGNED JF
CHECKED KB
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SHEET 5

NORMAN F. ROBERTSON
P.E. NO. 69785
5/26/11
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TASK
TIMBER RIDGE DRIVE & MAIN POND DEMOLITION & EROSION CONTROL PLAN

PROJECT
TIMBERLAKE STORMWATER ENHANCEMENT PROJECT

CLIENT
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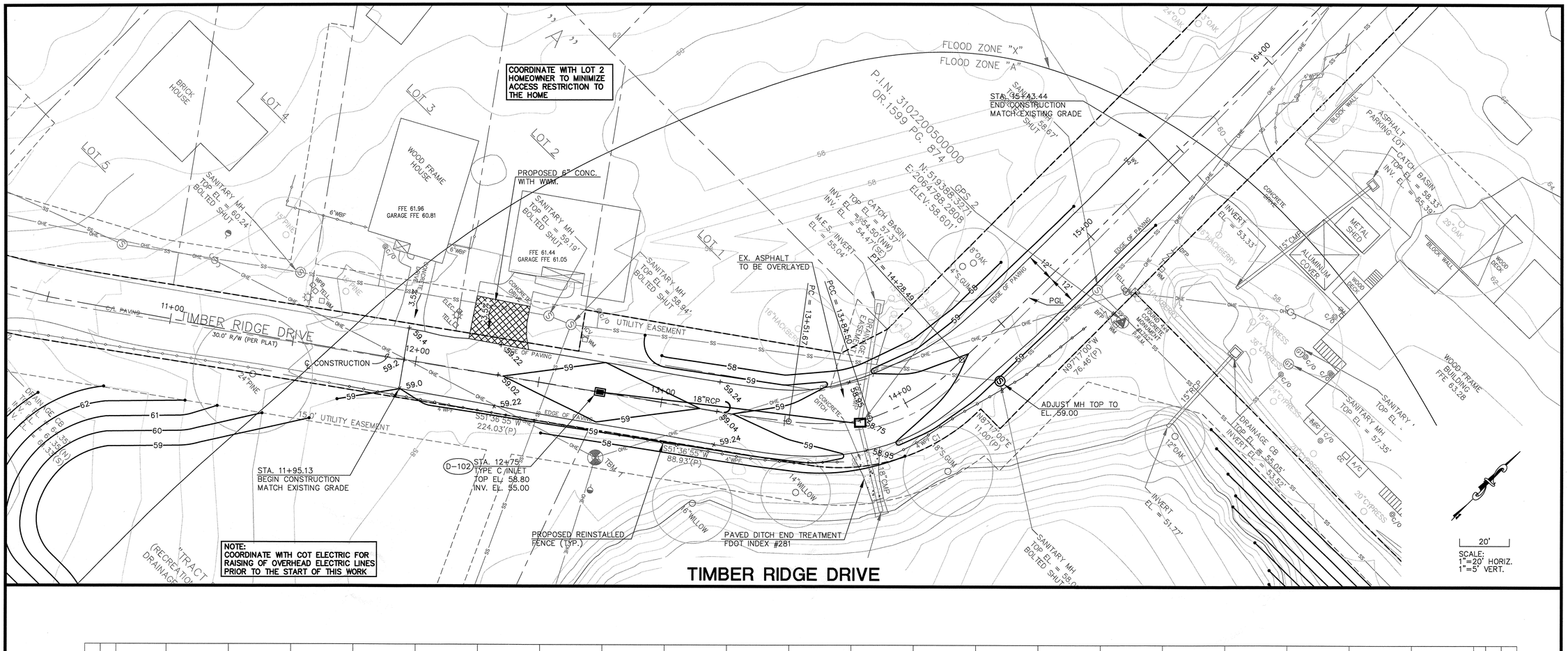

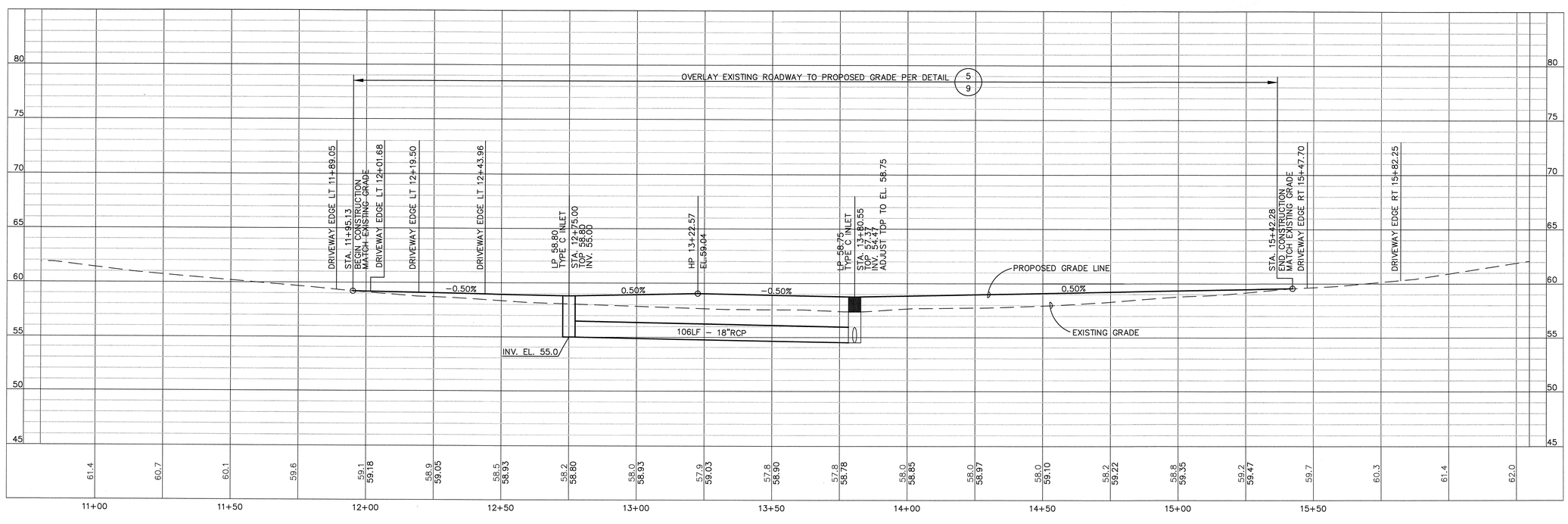

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SHEET 6

NORMAN F. ROBERTSON
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TASK
TIMBER RIDGE DRIVE PLAN AND PROFILE

PROJECT
TIMBERLAKE STORMWATER ENHANCEMENT PROJECT

CLIENT
LEON COUNTY FLORIDA'S CAPITAL COUNTY

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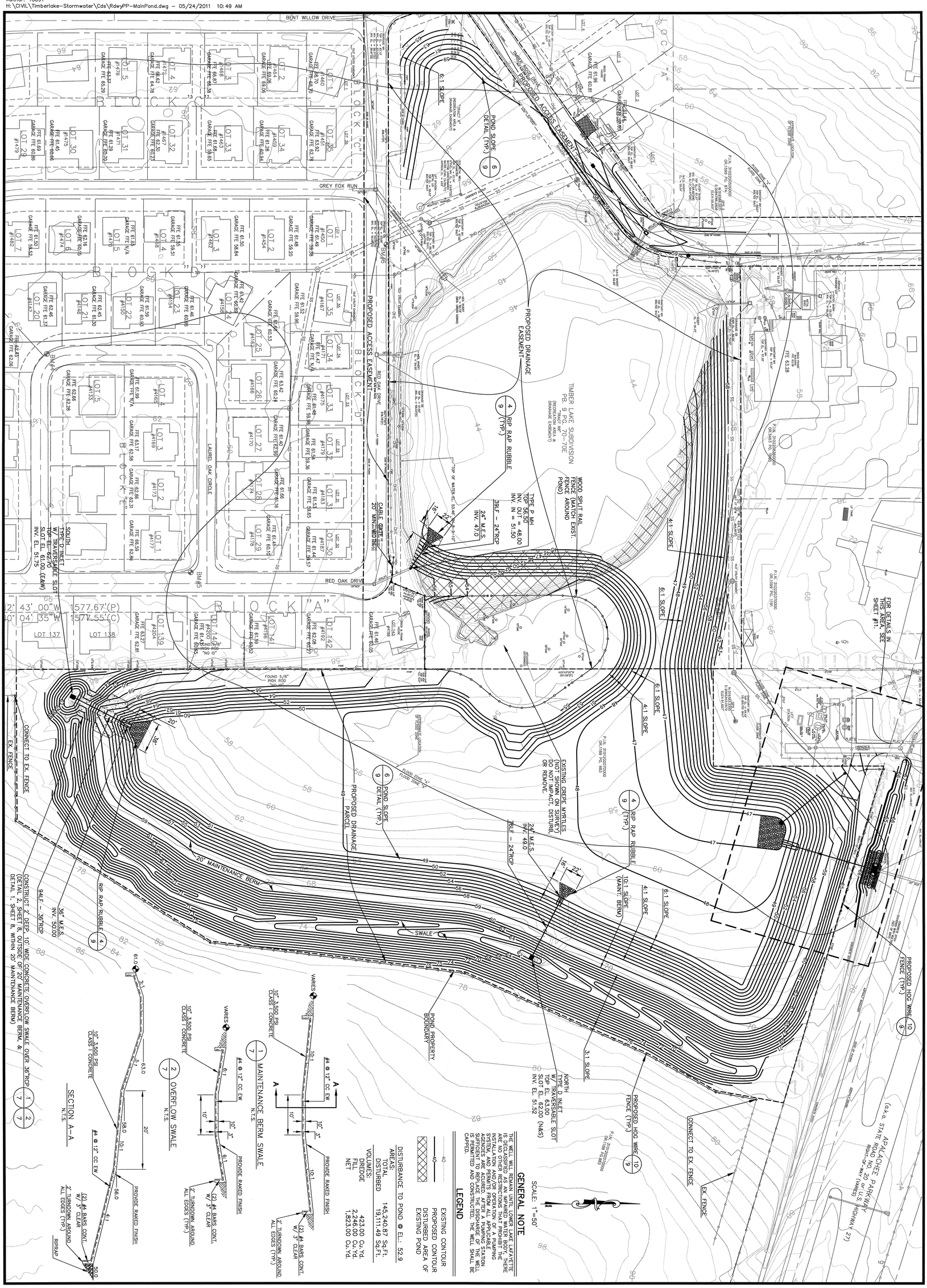

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PROJECT
TIMBERLAKE STORMWATER ENHANCEMENT PROJECT

TASK
MAIN POND GRADING PLAN

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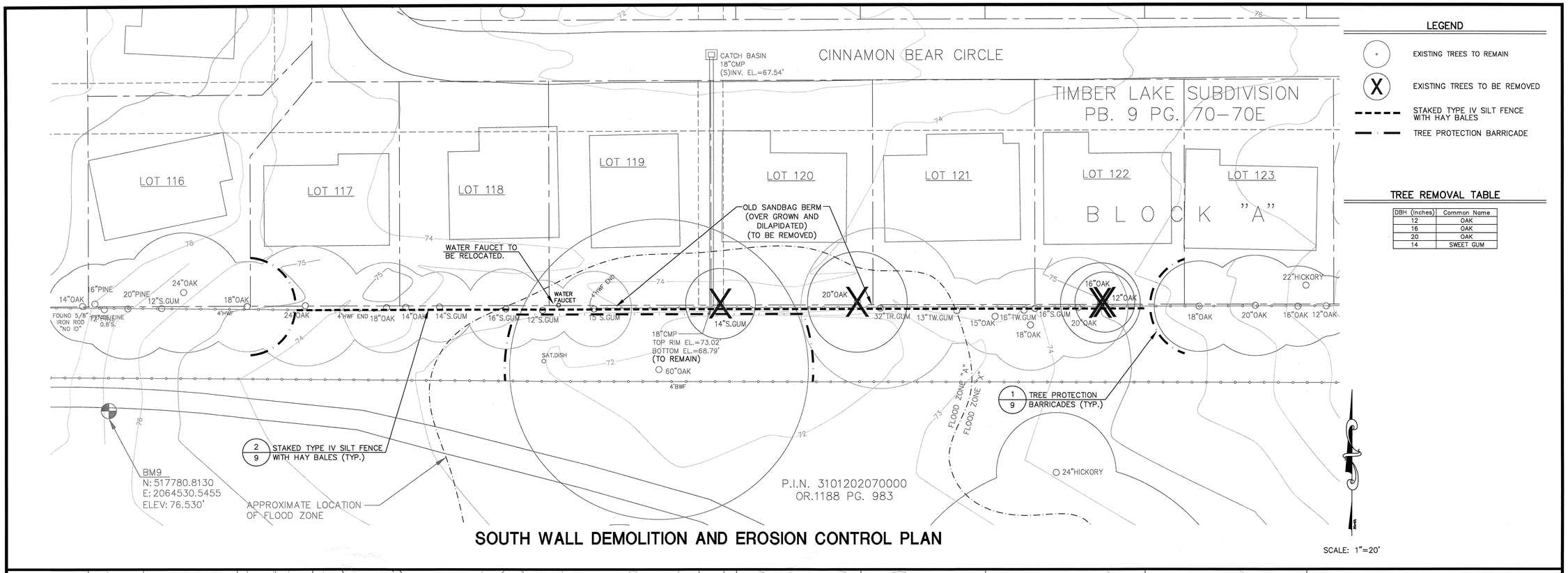


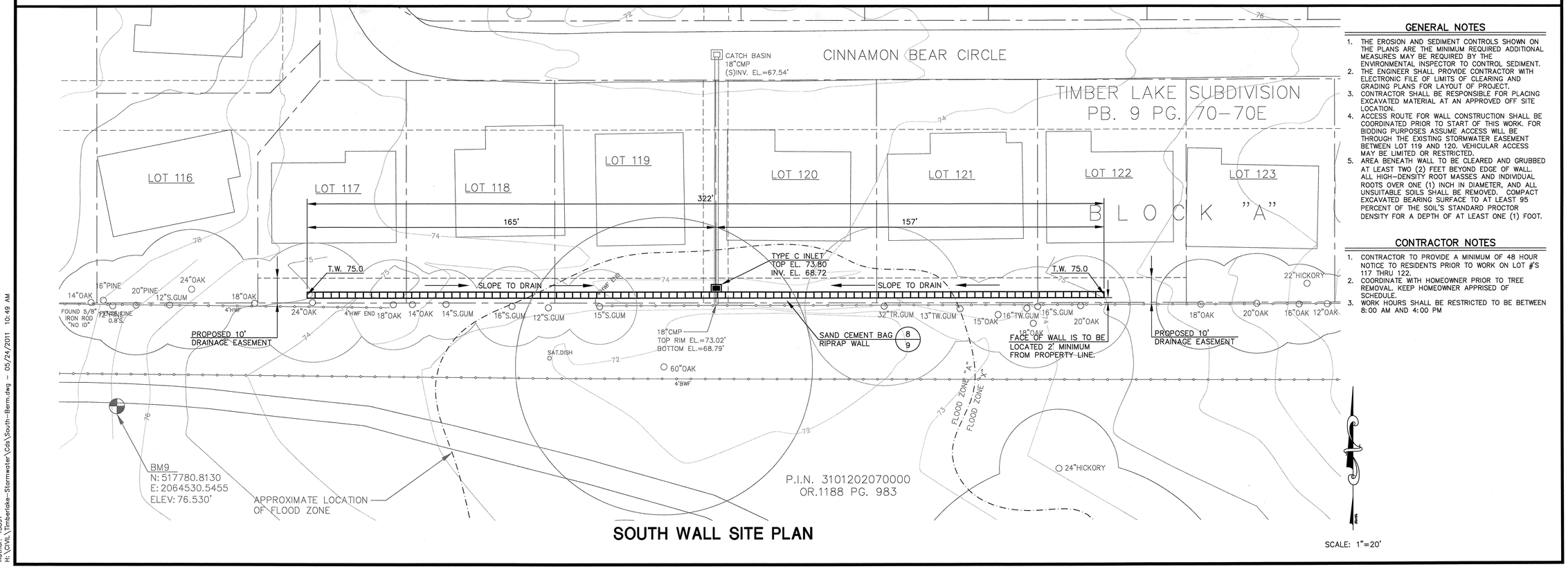
SOUTH WALL DEMOLITION AND EROSION CONTROL PLAN

LEGEND

- EXISTING TREES TO REMAIN
- EXISTING TREES TO BE REMOVED
- STAKED TYPE IV SILT FENCE WITH HAY BALES
- TREE PROTECTION BARRICADE

TREE REMOVAL TABLE

DBH (Inches)	Common Name
12	OAK
16	OAK
20	OAK
14	SWEET GUM



SOUTH WALL SITE PLAN

GENERAL NOTES

1. THE EROSION AND SEDIMENT CONTROLS SHOWN ON THE PLANS ARE THE MINIMUM REQUIRED ADDITIONAL MEASURES MAY BE REQUIRED BY THE ENVIRONMENTAL INSPECTOR TO CONTROL SEDIMENT.
2. THE ENGINEER SHALL PROVIDE CONTRACTOR WITH ELECTRONIC FILE OF LIMITS OF CLEARING AND GRADING PLANS FOR LAYOUT OF PROJECT.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING EXCAVATED MATERIAL AT AN APPROVED OFF SITE LOCATION.
4. ACCESS ROUTE FOR WALL CONSTRUCTION SHALL BE COORDINATED PRIOR TO START OF THIS WORK. FOR BIDDING PURPOSES ASSUME ACCESS WILL BE THROUGH THE EXISTING STORMWATER EASEMENT BETWEEN LOT 119 AND 120. VEHICULAR ACCESS MAY BE LIMITED OR RESTRICTED.
5. AREA BENEATH WALL TO BE CLEARED AND GRUBBED AT LEAST TWO (2) FEET BEYOND EDGE OF WALL. ALL HIGH-DENSITY ROOT MASSES AND INDIVIDUAL ROOTS OVER ONE (1) INCH IN DIAMETER, AND ALL UNSUITABLE SOILS SHALL BE REMOVED. COMPACT EXCAVATED BEARING SURFACE TO AT LEAST 95 PERCENT OF THE SOIL'S STANDARD PROCTOR DENSITY FOR A DEPTH OF AT LEAST ONE (1) FOOT.

CONTRACTOR NOTES

1. CONTRACTOR TO PROVIDE A MINIMUM OF 48 HOUR NOTICE TO RESIDENTS PRIOR TO WORK ON LOT #'S 117 THRU 122.
2. COORDINATE WITH HOMEOWNER PRIOR TO TREE REMOVAL. KEEP HOMEOWNER APPRISED OF SCHEDULE.
3. WORK HOURS SHALL BE RESTRICTED TO BE BETWEEN 8:00 AM AND 4:00 PM

JOB NO. 100016676
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SHEET 8

NORMAN F. ROBERTSON
P.E. NO. 69785
5/25/11
Signature Date
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ORIGINAL REVISIONS: MAY 2011
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TASK SOUTH WALL PLANS

PROJECT TIMBERLAKE STORMWATER ENHANCEMENT PROJECT

CLIENT LEON COUNTY FLORIDA'S CAPITAL COUNTY

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Author: 13891
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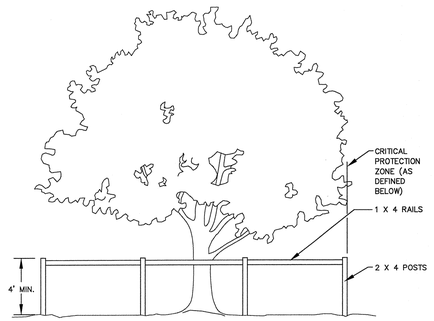


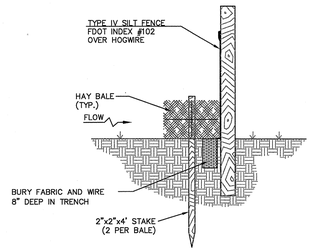
NOTES:

THE TREE PROTECTION BARRICADE IS TO PREVENT DISTURBANCE OF THE CRITICAL PROTECTION ZONE (CPZ). C.P.Z. IS THAT AREA SURROUNDING A TREE WITH A CIRCLE DESCRIBED BY A RADIUS OF ONE FOOT FOR EACH INCH OF THE TREE'S DIAMETER AT BREAST HEIGHT.

THE AREA WITHIN BARRICADE IS NOT TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT.

1/9 TREE PROTECTION BARRICADE

NTS



MAINTENANCE NOTES:

1. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
2. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
3. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
4. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.
5. NO TRENCHING SHALL OCCUR WITHIN THE CRITICAL PROTECTION ZONE OF ANY PROTECTED OR DESIRABLE TREE.

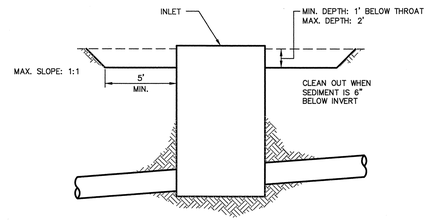
SHEET FLOW APPLICATION: SILT FENCE

GENERAL NOTES

1. THE HEIGHT OF A SILT FENCE SHALL NOT EXCEED 36 INCHES. HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE.
2. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED AS DESCRIBED IN ITEM NO. 8 BELOW.
3. POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 12 INCHES. WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6 FEET.
4. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER. TRENCHING SHALL NOT BE ALLOWED WITHIN THE CPZ OF TREES TO REMAIN.
5. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH LONG, TIE WIRES, OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2 INCHES AND SHALL NOT EXTEND MORE THEN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
6. THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 8 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
7. WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS WITH ALL OTHER PROVISIONS OF ITEM NO. 6 APPLYING.
8. WHEN ATTACHING TWO SILT FENCES TOGETHER, PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE. ROTATE BOTH POSTS AT LEAST 180 DEGREES ON A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FILTER FABRIC. DRIVE BOTH POSTS INTO THE GROUND AND BURY THE FLAP.
9. THE TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC.
10. WHEN USED TO CONTROL SEDIMENTS FROM A STEEP SLOPE, SILT FENCES SHOULD BE PLACED AWAY FROM THE TOE OF THE SLOPE FOR INCREASED HOLDING CAPACITY.
11. SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.

2/9 STAKED TYPE IV SILT FENCE WITH HAY BALES

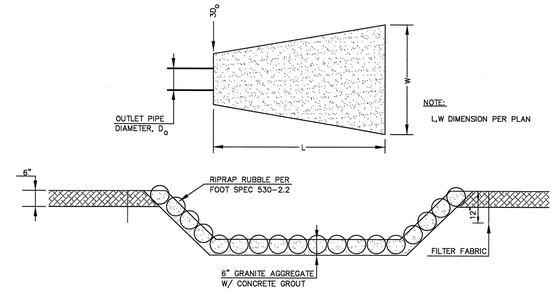
NTS



NOTES:
1. AFTER THROAT IS PLACED & BEFORE TOP IS PLACED, RING WITH STAKED HAY BALES.
2. AFTER PLACING TOP ON CURB INLET, CONTRACTOR SHALL PLACE FABRIC WRAPPED CONCRETE BLOCK IN INLET THROAT. BASIN UNDERCUT SHALL REMAIN IN FRONT OF INLET UNTIL PLACEMENT OF BASE.

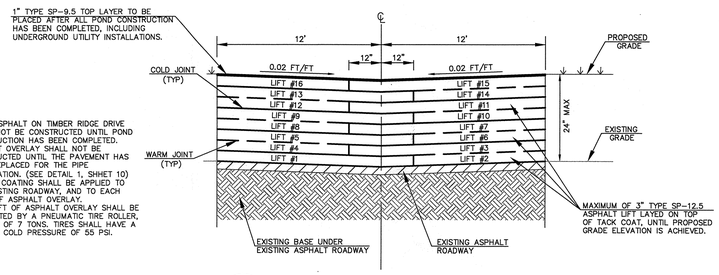
3/9 TEMPORARY SEDIMENT TRAP

NTS



4/9 RIPRAP RUBBLE

NTS

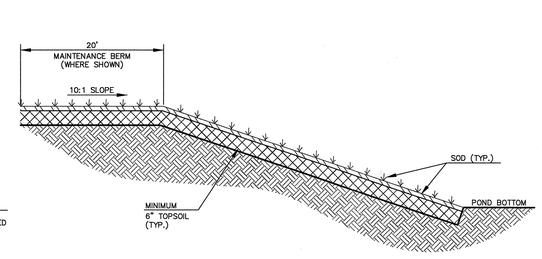


NOTES:

1. FINAL ASPHALT ON TIMBER RIDGE DRIVE SHALL NOT BE CONSTRUCTED UNTIL POND CONSTRUCTION HAS BEEN COMPLETED.
2. ASPHALT OVERLAY SHALL NOT BE CONSTRUCTED UNTIL THE PAVEMENT HAS BEEN REPLACED FOR THE PIPE INSTALLATION. (SEE DETAIL 1, SHHET 10)
3. A TACK COATING SHALL BE APPLIED TO THE EXISTING ROADWAY, AND TO EACH LEVEL OF ASPHALT OVERLAY.
4. EACH LIFT OF ASPHALT OVERLAY SHALL BE COMPACTED BY A PNEUMATIC TIRE ROLLER, MINIMUM OF 7 TONS. TIRES SHALL HAVE A MINIMUM COLD PRESSURE OF 55 PSI.

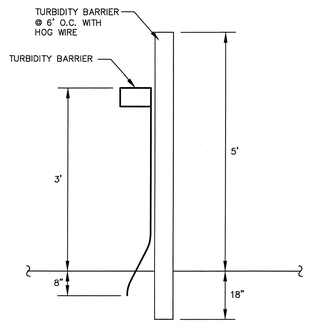
5/9 ASPHALT OVERLAY

NTS



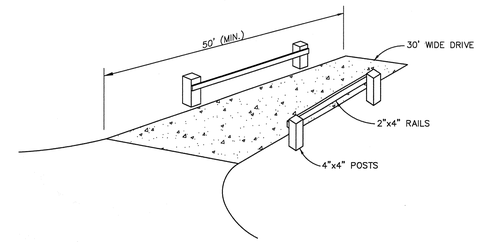
6/9 POND SLOPE DETAIL

NTS



7/9 FLOATING TURBIDITY BARRIER

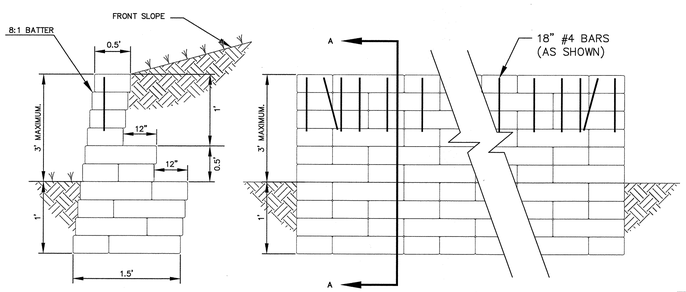
NTS



NOTES:
STONE SIZE: ASTM D448 SIZE#1(1 1/2" TO 3 1/2" DIAMETER)
PAD THICKNESS >= 6"
IF NECESSARY, INCLUDE WASHING
MAY REQUIRE PERIODIC TOP DRESSING WITH 2" STONE
ALL STONE SHALL BE DUST-FREE.

11/9 TEMPORARY CONSTRUCTION ENTRANCE

NTS



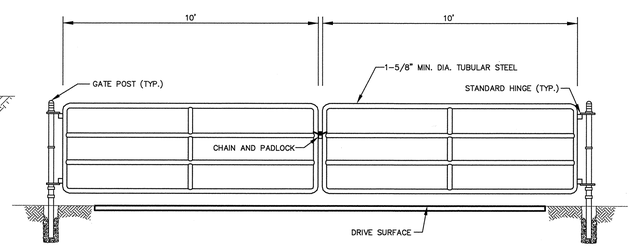
NOTE:
1. THE TOP ROW OF RIPRAP BAGS SHALL BE SECURED BY PINNING, USING #4 REINFORCING BARS 18 INCHES IN LENGTH; AS FOLLOWS:
   a. THE END BAGS SHALL BE SECURED USING TWO BARS PER BAG, ON VERTICLE AND ONE DIAGONALLY AS SHOWN.
   b. THE NEXT TO LAST BAG ON EACH END SHALL BE SECURED WITH TWO BARS VERTICALLY.
   c. INTERMEDIATE BAGS SHALL BE SECURED WITH A SINGLE BAR.

BARS SHALL BE DRIVEN TO ONE INCH BELOW THE SURFACE OF THE BAG. THE COST OF FURNISHING AND INSTALLING THE BARS SHALL BE INCLUDED IN THE COSAT OF RIPRAP.

FOR SAND-CEMENT WALL OVER PIPE, PLEASE REFER TO 2010 FDOT INDEX #258.

8/9 SAND-CEMENT WALL

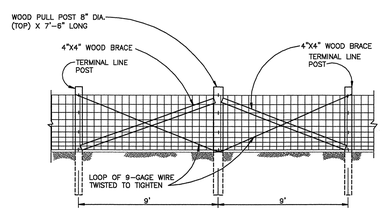
NTS



1. GATE HINGES AND FITTINGS SHALL BE HEAVY PATTERN AND EASILY OPERATED BY ONE PERSON. BOTTOM HINGE SHALL BE BALL AND SOCKET, OR EQUAL, CAPABLE OF SUPPORTING ENTIRE WEIGHT OF GATE LEAF.
2. GATE LEAFS SHALL BE INSTALLED AS DETAILED ON THE CONTRACT PLANS.
3. WELDS ON STEEL FRAMES SHALL BE GROUND SMOOTH THROUGHLY CLEANED AND COVERED WITH ALUMINUM OR ZINC BASE PAINT.
4. GATES AND FITTINGS SHALL MEET FAA SPEC.
5. F-162 INSTALLATION SHALL MEET FAA SPEC. F-162

9/9 GATE DETAIL

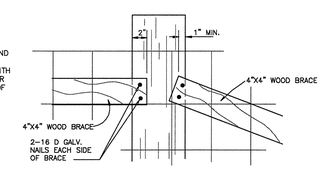
N.T.S.



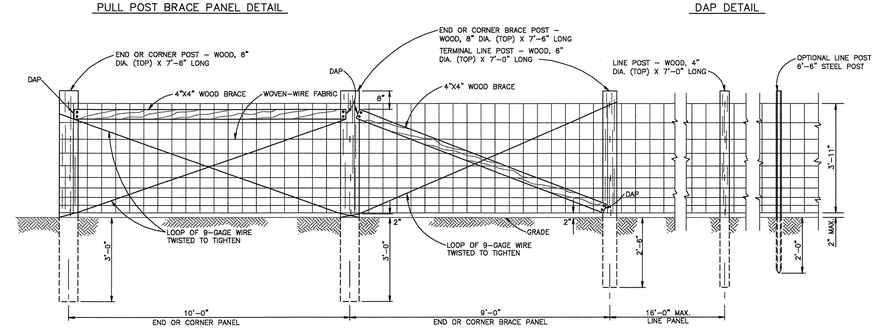
PULL POST BRACE PANEL DETAIL

NOTE:

THE SPACING OF END OR CORNER PANEL AND BRACE PANEL OF 10' AND 9' IS MAXIMUM. WHEN CORNER OR END PANEL CONFLICTS WITH A GATE OR BRACE PANELS, OR TWO CORNER PANELS CONFLICT, BRACING AND SPACING OF POSTS SHALL BE ALTERED TO PROVIDE ADEQUATE BRACING AS REQUIRED.



DAP DETAIL



TYPICAL LAYOUT-WOVEN-WIRE FENCE

10/9 HOGWIRE FENCE DETAIL

N.T.S.

JOB NO. 100016676
DRAWN MR/WD
DESIGNED JF
CHECKED KB
QC
SHEET 9

NORMAN F. ROBERTSON
P.E. NO. 69785
6/25/11
Date
NOT VALID FOR CONSTRUCTION UNLESS SIGNED & THIS BLOCK

ORIGINAL MAY 2011
REVISIONS:
1
2
3
4
5

TASK CONSTRUCTION DETAILS

PROJECT TIMBERLAKE STORMWATER ENHANCEMENT PROJECT

CLIENT LEON COUNTY FLORIDA'S CAPITAL COUNTY

ATKINS
2639 N. Monroe St. Building C
Tallahassee, Florida 32303
850.575.1800
FBPR Certificate of Authorization No. 24

Author: 13891
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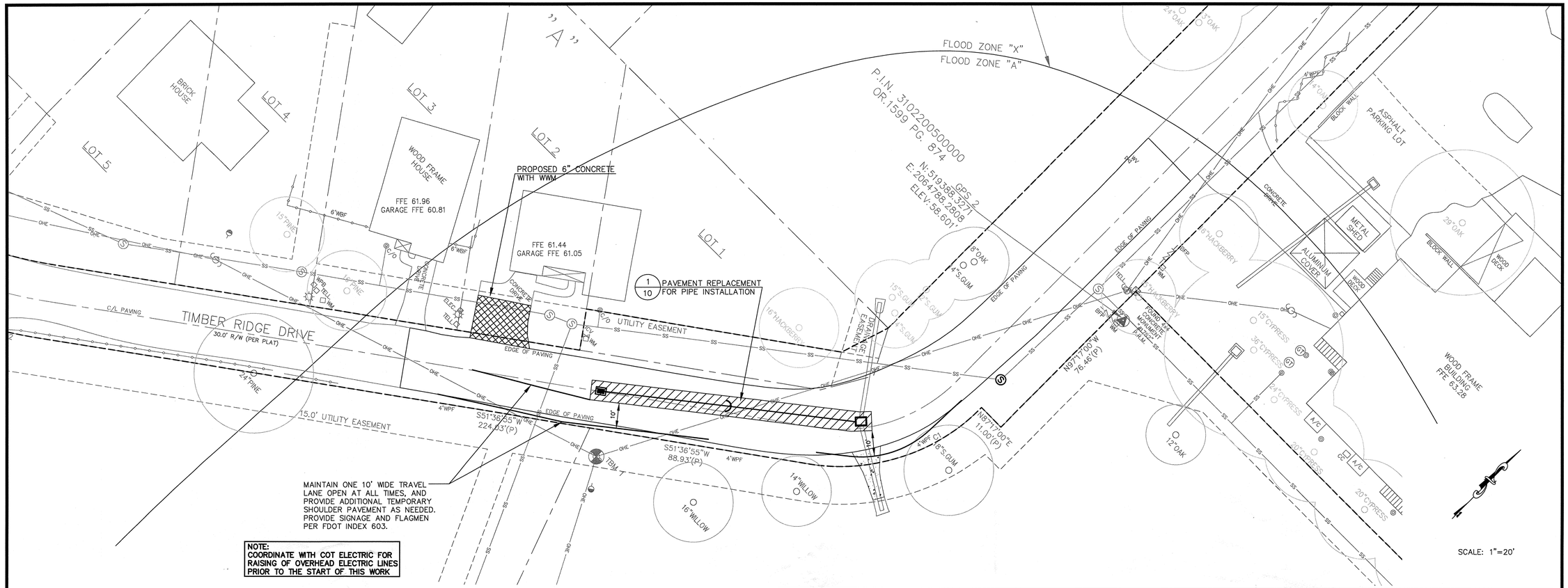
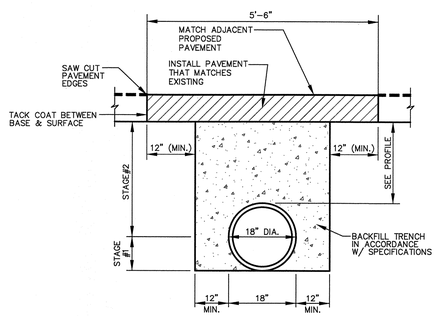




DENSITY PROCEDURES:

THE BACKFILL FOR THE FIRST AND SECOND STAGES SHALL BE PLACED IN 6" LAYERS (COMPACTED THICKNESS) AND SHALL BE COMPACTED TO 100% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99.

NOTE:

PAVEMENT MUST BE INSTALLED PRIOR TO RAISING THE ROAD WITH ASPHALT OVERLAY.

STAGE #1

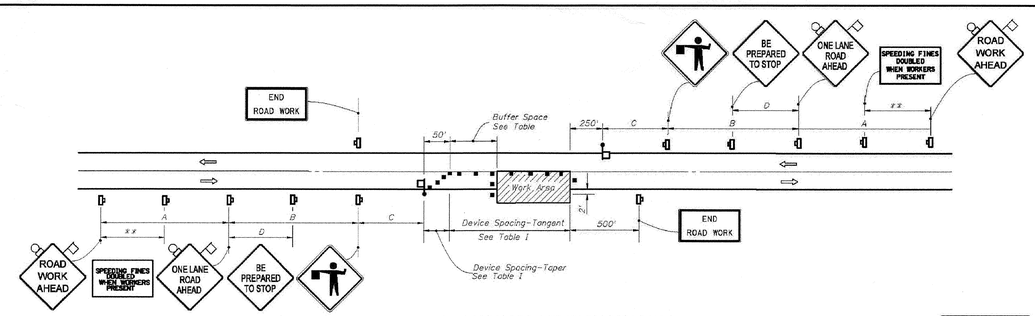
THE CONTRACTOR SHALL PROVIDE ADEQUATE COMPACTED FILL BENEATH THE HAUNCHES OF THE PIPE, USING MECHANICAL TAMPS SUITABLE FOR THIS PURPOSE. THIS COMPACTION APPLIES TO THE MATERIAL PLACED BENEATH THE HAUNCHES OF THE PIPE AND ABOVE ANY BEDDING REQUIRED.

STAGE #2

THE CONTRACTOR SHALL OBTAIN A WELL-COMPACTED BED AND FILL ALONG THE SIDES OF THE PIPE AND TO A POINT INDICATING THE TOP OF SUB-GRADE MATERIAL.

1/10 PAVEMENT REPLACEMENT FOR PIPE INSTALLATION

NTS



DISTANCE BETWEEN SIGNS				
Speed (mph)	Spacing (ft.)			
	A	B	C	D
40 or less	200	200	200	100
45	350	350	350	175
50	500	500	500	250
55 or greater	2640	1640	1000	500

* The ROAD WORK 1 MILE sign may be used as an alternate to the ROAD WORK AHEAD sign.

** 500' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.

*** BE PREPARED TO STOP sign may be omitted for speeds of 45 MPH or less.

TABLE I DEVICE SPACING				
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 to 45	20	50	20	50
50 to 70	20	50	20	100

BUFFER SPACE	
Speed (mph)	Dist. (ft.)
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730

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

SYMBOLS

- Work Area
- Sign With 18" x 18" (Min.) Orange Flag And Type B Light
- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Flagger
- Automated Flagger Assistance Devices (AFAD), With Gate
- Lane Identification + Direction of Traffic

GENERAL NOTES

1. Work operations shall be confined to one traffic lane, leaving the opposite lane open to traffic.
2. Additional one-way control may be effected by the following means:
   (1) Flag-carrying vehicles (2) Official vehicles
   (3) Pilot vehicles (4) Traffic signals.

   When flaggers are the sole means of one-way control, the flaggers shall be in sight of each other or in direct communication at all times.
3. The ONE-LANE ROAD signs are to be fully covered and the FLAGGER signs either removed or fully covered when no work is being performed and the highway is open to two-way traffic.
4. When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.
5. The two channelizing devices directly in front of the work area and the one channelizing device directly at the end of the work area may be omitted provided vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.
6. For general TCZ requirements and additional information, refer to Index No. 600.

DURATION NOTES

1. ROAD WORK AHEAD and the BE PREPARED TO STOP signs may be omitted if all of the following conditions are met:
   a) Work operations are 60 minutes or less.
   b) Speed limit is 45 mph or less.
   c) No sight obstructions to vehicles approaching the work area for a distance equal to the buffer space.
   d) Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.
   e) Volume and complexity of the roadway has been considered.

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH THE AREA BETWEEN THE CENTERLINE AND A LINE 2' OUTSIDE THE EDGE OF TRAVEL WAY.

2010 FDOT Design Standards

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

Last Revision 07/01/09 | Sheet No. 1 of 2 | Index No. 603

JOB NO. 100016676
DRAWN MR/WD
DESIGNED JF
CHECKED KB
QC
SHEET 10

NORMAN F. ROBERTSON
P.E. NO. 69795
5/25/11
Signature Date
NOT VALID FOR CONSTRUCTION UNLESS SIGNED AN SEALED

ORIGINAL MAY 2011
REVISIONS:
1
2
3
4
5

TASK
TIMBER RIDGE DRIVE MAINTENANCE OF TRAFFIC PLAN

PROJECT
TIMBERLAKE STORMWATER ENHANCEMENT PROJECT

CLIENT
LEON COUNTY FLORIDA'S CAPITAL COUNTY

ATKINS
2639 N. Monroe St. Building C
Tallahassee, Florida 32303
850.575.1800
FBPR Certificate of Authorization No. 24

Author: 13891
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Author: 13891
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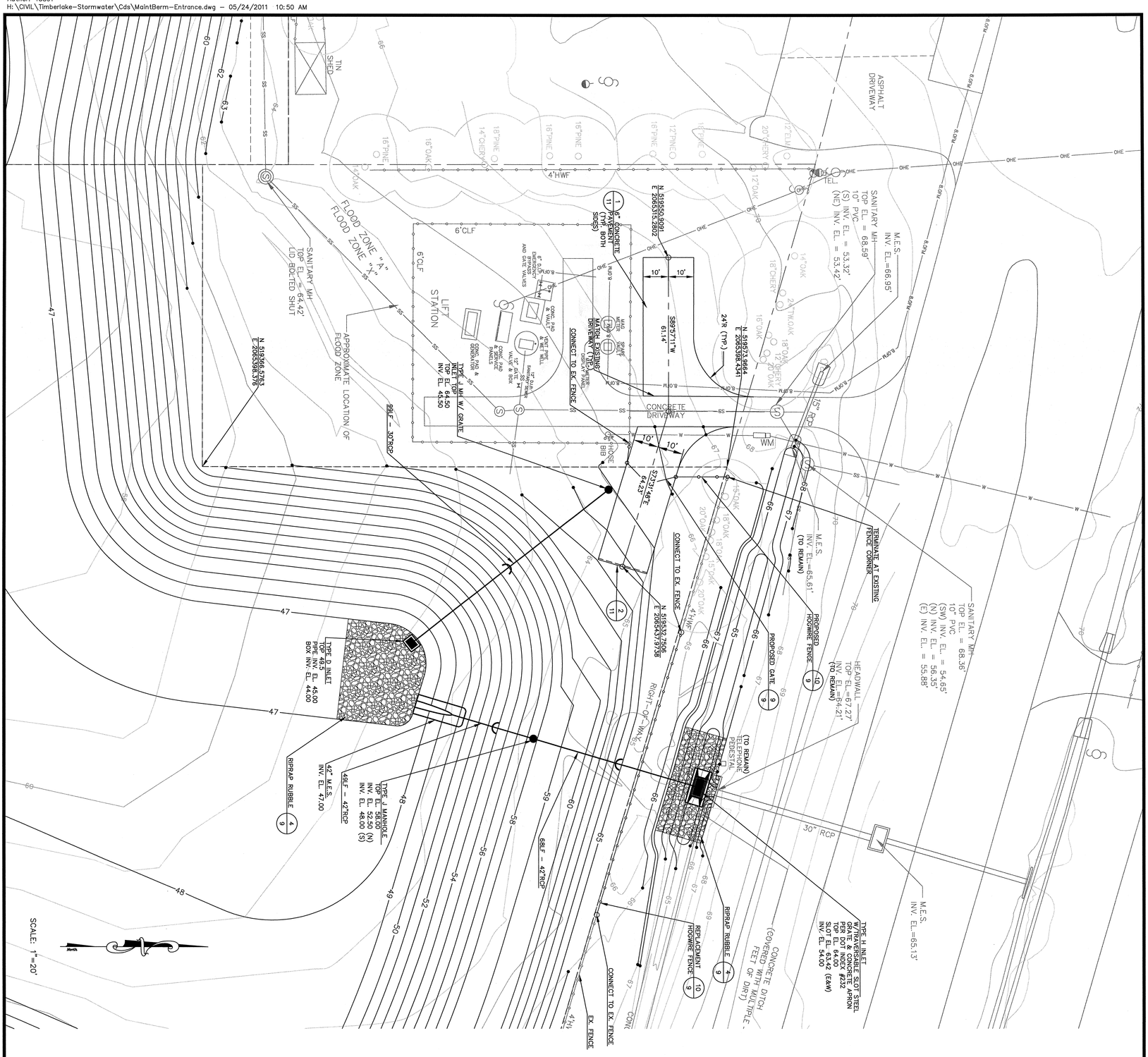
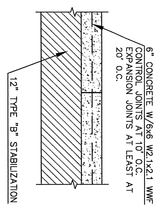
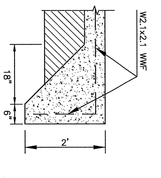




1/11 6" CONCRETE PAVEMENT
NTS



2/11 TURNDOWN
NTS

ATKINS
2639 N. Monroe St. Building C
Tallahassee, Florida 32303
850.575.1800
FBPR Certificate of Authorization No. 24

CLIENT
LEON FLORIDA'S CAPITAL COUNTY

PROJECT
TIMBERLAKE STORMWATER ENHANCEMENT PROJECT

TASK
MAINTENANCE BERM ENTRANCE

ORIGINAL MAY 2011
REVISIONS:
1
2
3
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NORMAN F. ROBERTSON
P.E. NO. 69785
5/25/11
Signature Date
NOT VALID FOR CONSTRUCTION UNLESS SIGNED IN THIS BLOCK

JOB NO. 100016676
DRAWN MR/WD
DESIGNED JF
CHECKED KB
QC
SHEET 11

GENERAL NOTES

1) THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL GUIDELINES AND BUILDING CODES.

2) THE CONTRACTOR SHALL APPLY FOR, OBTAIN AND PAY FOR ALL REQUIRED PERMITS. PERMITS SHALL BE POSTED IN AGREEMENT WITH LOCAL, STATE AND FEDERAL REGULATIONS.

3) ALL WORK, MATERIAL AND EQUIPMENT UTILIZED SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.

4) ALL WORK FOR THIS PROJECT SHALL CONFORM TO STANDARDS PUBLISHED BY RECOGNIZED PROFESSIONAL AND INDUSTRY ORGANIZATIONS.

5) THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO BIDDING AND SHALL FAMILIARIZE THEMSELVES WITH ALL EXISTING CONDITIONS AFFECTING THE WORK.

6) THE CONTRACTOR SHALL SUBMIT UNIT PRICES FOR ALL LINE ITEMS IN THEIR BID.

7) THE CONTRACTOR SHALL SEEK CLARIFICATION PRIOR TO BIDDING FROM THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE LANDSCAPE ARCHITECTURE, ARCHITECTURAL, CIVIL, ET ALL DRAWINGS. THE MOST STRINGENT REQUIREMENTS SHALL APPLY.

8) THE CONTRACTOR SHALL SEEK CLARIFICATION PRIOR TO BIDDING OF ANY QUESTIONS CONCERNING CONDITIONS, DRAWINGS, DETAILS AND SPECIFICATIONS THAT WILL AFFECT SUBMISSION OF A COMPLETE AND ACCURATE BID.

9) THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECT AND OWNER FOR ANY DEVIATION FROM THE CONTRACT DOCUMENTS.

10) ALL REQUESTS FOR INFORMATION, CLARIFICATION, DEVIATION OR SUBSTITUTION FOR ITEMS IN THE CONTRACT DOCUMENTS SHALL BE MADE IN WRITING THROUGH THE OWNER'S REPRESENTATIVE. THE LANDSCAPE ARCHITECT SHALL HAVE SEVEN (7) WORKING DAYS IN WHICH TO RESPOND.

11) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND MAINTAINING ALL CONSTRUCTION AREAS FREE OF DEBRIS AND HAZARDOUS MATERIALS THROUGHOUT THE CONSTRUCTION PROCESS.

12) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND/OR REPLACEMENT OF ANY ITEMS/AREAS DAMAGED DURING THE CONSTRUCTION PROCESS.

13) THE CONTRACTOR SHALL LAYOUT AND VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE LANDSCAPE ARCHITECT.

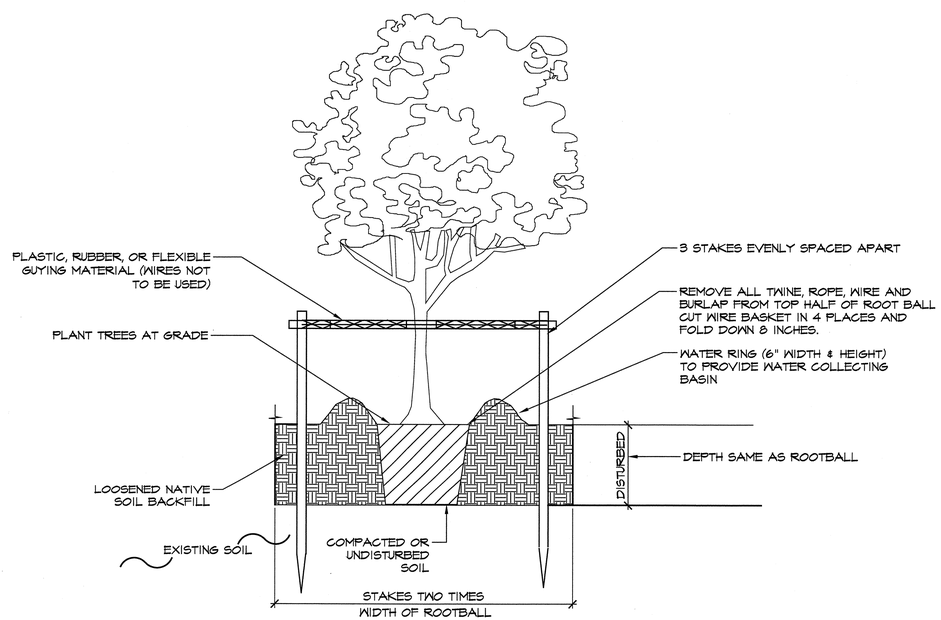
14) DIMENSIONS SHALL NOT BE SCALED FROM THE CONTRACT DOCUMENTS. DIMENSIONS SHOWN ON THE PLANS SHALL RULE. IN THE CASE OF AMBIGUITY THE CONTRACTOR SHALL REQUEST A CLARIFICATION OF DIMENSIONS FROM THE LANDSCAPE ARCHITECT.

15) WHERE THERE IS A DISCREPANCY BETWEEN THE QUANTITY SHOWN ON THE MATERIAL LIST AND THE QUANTITY OF ITEMS SHOWN ON THE PLANS, THE PLANS SHALL RULE.

16) ALL DIMENSIONS SHOWN ARE FROM FINISH FACE TO FINISH FACE UNLESS OTHERWISE NOTED.

17) ALL ANGLES ARE ASSUMED TO BE 90 DEGREES OR 45 DEGREES UNLESS OTHERWISE NOTED.

18) THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO THE START OF FABRICATION FOR ALL APPLICABLE ITEMS, INCLUDING RELOCATION OF EXISTING SHELTER AND INSTALLATION OF NEW CONCRETE SLAB. THE CONTRACTOR SHALL SUBMIT FIVE (5) SETS OF SHOP DRAWINGS TO THE LANDSCAPE ARCHITECT. THE LANDSCAPE ARCHITECT SHALL HAVE SEVEN (7) WORKING DAYS IN WHICH TO RESPOND.



TREE STAKING

N.T.S.

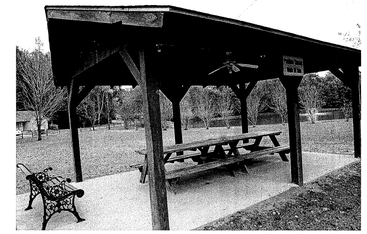
NOTES:

1. QUANTITIES AND MATERIALS PROVIDED ON THE MATERIAL SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. ALL QUANTITIES AND MATERIALS SHALL BE VERIFIED WITH THE PLANS. THE CONTRACTOR IS OBLIGATED TO PROVIDE ALL ITEMS/MATERIALS IN THE QUANTITIES SHOWN ON THE PLANS REGARDLESS OF WHETHER THEY ARE LISTED ON THE MATERIAL LIST.
2. INSTALL ALL ITEMS PER MANUFACTURER'S RECOMMENDATIONS.

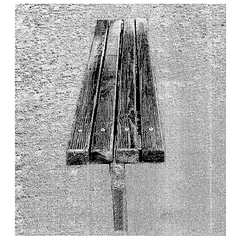
MATERIAL SCHEDULE

MATERIAL SCHEDULE

ITEM	QTY	SPECIFICATIONS	CONTACT	COST
SHELTER	1	MATCH EXISTING	Southeast Construction of Tallahassee, LLC 850.562.4010 Michael Flemming southeastconstruction1@gmail.com	
BENCHES	3	6' RECYCLED PLASTIC (in ground) Product # 14167801	PRIDE Enterprises 12425-28th Street, N. Ste 300 St. Petersburg, FL 33716 866.730.3821 www.pride-enterprises.org	$ 215.00



EXISTING SHELTER



BENCH - PRODUCT # 14167801

EXISTING SIGNAGE

LANDSCAPE NOTES:

1. LANDSCAPE CONTRACTOR SHALL VERIFY ALL QUANTITIES AND SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.

2. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE EXISTENCE OF AND STAKE ALL UTILITIES PRIOR TO CONSTRUCTION. EXCAVATION OF PLANT PITS LOCATED WITHIN 5' OF UTILITIES SHALL BE PERFORMED BY HAND. ANY UTILITY/PLANT MATERIAL CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OR ANY FIELD ADJUSTMENTS.

3. THE LANDSCAPE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTINGS SHOWN ON ALL DRAWINGS. ALL PLANTS SHALL MEET SIZE, CONTAINER, AND SPACING SPECIFICATIONS AS SHOWN IN THE PLANT SCHEDULE. THE CONTRACTOR SHALL GUARANTEE PLANT HEALTH AND SURVIVABILITY FOR ONE YEAR FROM DATE OF PROJECT ACCEPTANCE. ANY MATERIAL NOT MEETING SPECIFICATIONS OR DISPLAYING POOR HEALTH SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.

4. ALL PLANT MATERIAL SHALL BE FLORIDA NO. 1 OR BETTER AS SET FORTH IN "GRADES AND STANDARDS FOR NURSERY PLANTS, SECOND EDITION" STANDARDS AND DESIGNATIONS. NOTIFY LANDSCAPE ARCHITECT A MINIMUM OF ONE WEEK PRIOR TO PLANT DELIVERY TO SCHEDULE ON-SITE INSPECTION UPON DELIVERY. INSTALLED PLANT MATERIAL NOT MEETING SPECIFICATIONS SHALL BE REMOVED AND REPLACED AT CONTRACTOR'S EXPENSE.

5. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO MAKE PLANTING BED FIELD CHANGES TO ACCOMMODATE SITE CONDITIONS AND TO ACHIEVE THE DESIGN INTENT. THE LANDSCAPE CONTRACTOR SHALL FLAG ALL TREE AND BEDLINE LOCATIONS FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO ANY INSTALLATION.

6. PLANTS AWAY FROM POND EDGE SHALL RECEIVE A 3" LAYER OF PINE STRAW MULCH. NO PLANTS BELOW ELEVATION 58 SHALL RECEIVE MULCH.

7. THE LANDSCAPE CONTRACTOR SHALL CONDUCT REPRESENTATIVE SOIL ANALYSIS PRIOR TO THE INSTALLATION OF ANY PLANT MATERIAL. THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE DESIGNER OF ANY IMPROPER SOIL CONDITION (NUTRITIONAL DEFICIENCIES, WETNESS, MUCK, DEBRIS, ETC.) AND SHALL RECOMMEND FOR APPROVAL, PRIOR TO INSTALLATION, ALL SOIL AMENDMENTS THAT MAY BE NECESSARY TO PROMOTE HEALTHY, VIGOROUS PLANT GROWTH.

8. THE LANDSCAPE CONTRACTOR SHALL REPAIR OR REPLACE ANY EXISTING VEGETATION DISTURBED BY PLANT MATERIAL INSTALLATION ACTIVITIES. THIS REPAIR/REPLACEMENT SHALL BLEND SEAMLESSLY WITH THE EXISTING LANDSCAPE. ALL DISTURBED AREAS WILL BE SODDED.

9. LANDSCAPE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT A MINIMUM OF 48 HOURS PRIOR TO COMPLETION TO SCHEDULE FINAL WALK THROUGH. A FINAL WALK THROUGH SHALL NOT BE PERFORMED IF PREVIOUS PUNCH LISTS ARE NOT COMPLETED.

TREE REMOVAL TABLE

DBH (inches)	Common Name	Debits
48	LIVE OAK	24
18	OAK	6
28	OAK	10
18	OAK	6
18	OAK	6
60	OAK	28
18	OAK	6
18	OAK	6
20	OAK	8
20	OAK	8
24	OAK	8
36	PECAN	16
28	PECAN	10
28	PECAN	10
30	PINE	10
22	PINE	8
18	PINE	6
20	PINE	8
20	PINE	8
28	PINE	8
24	PINE	8
18	POPLAR	6
20	SWEET GUM	8
18	SWEET GUM	6
20	SWEET GUM	8
32	TR. SWEET GUM	16
	TOTAL DEBITS	**252**

TREE PRESERVATION TABLE

DBH (inches)	Common Name	Credits
48	COTTONWOOD	24
45	OAK	24
26	OAK	10
28	OAK	10
32	OAK	16
20	OAK	8
24	PINE	8
24	PINE	8
24	PINE	8
18	SWEET GUM	6
18	SWEET GUM	6
	TOTAL CREDITS	**128**

TREE REPLACEMENT TABLE

DBH (inches)	Common Name	Credits	Qty.	Total Credits
3	Red Maple	2	7	14
3	Sweet Bay Magnolia	2	23	46
3	Shumard Oak	2	7	14
3	Pond Cypress	2	25	50
		CREDITS		**124**

DEBIT/CREDIT TOTAL

DEBITS (Trees Removed)	-252
CREDITS (Trees Preserved)	128
CREDITS BALANCE	-124
CREDITS (Trees Planted)	124
TOTAL DEBITS/CREDITS	**0**

PLANT LIST

	Qty.	Botanical Name	Common Name	Size/Specification	Maintenance
TREES					
AR	7	Acer rubrum	Red Maple	FG; 3" Cal.; 14' ht. min.	Minimal maintenance; prune only dead or diseased branches
MV	23	Magnolia virginiana	Sweet Bay Magnolia	FG; Multi-trunk; 3" Cal.; 14' ht. min.	Minimal maintenance; prune only dead or diseased branches
QS	7	Quercus shumardii	Shumard Oak	FG; 3" Cal.; 14' ht. min.	Minimal maintenance; prune only dead or diseased branches
TA	25	Taxodium ascendens	Pond Cypress	FG; 3" Cal.; 14' ht. min.	Minimal maintenance; prune only dead or diseased branches

JOB NO. 100016676
DRAWN PF
DESIGNED PF
CHECKED BF
QC SW
SHEET L-01

ROBERT L. FARLEY, R.L.A.
FL. LICENSE NO. LA0666984
5/26/11
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ORIGINAL MARCH 2011
REVISIONS:
1
2
3
4
5

TASK
LANDSCAPE NOTES, DETAILS, AND PLANT LIST

PROJECT
TIMBERLAKE STORMWATER ENHANCEMENT PROJECT

CLIENT
LEON COUNTY FLORIDA'S CAPITAL COUNTY

ATKINS
2639 N. Monroe St. Building C
Tallahassee, Florida 32303
850.575.1800
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Author: 16546
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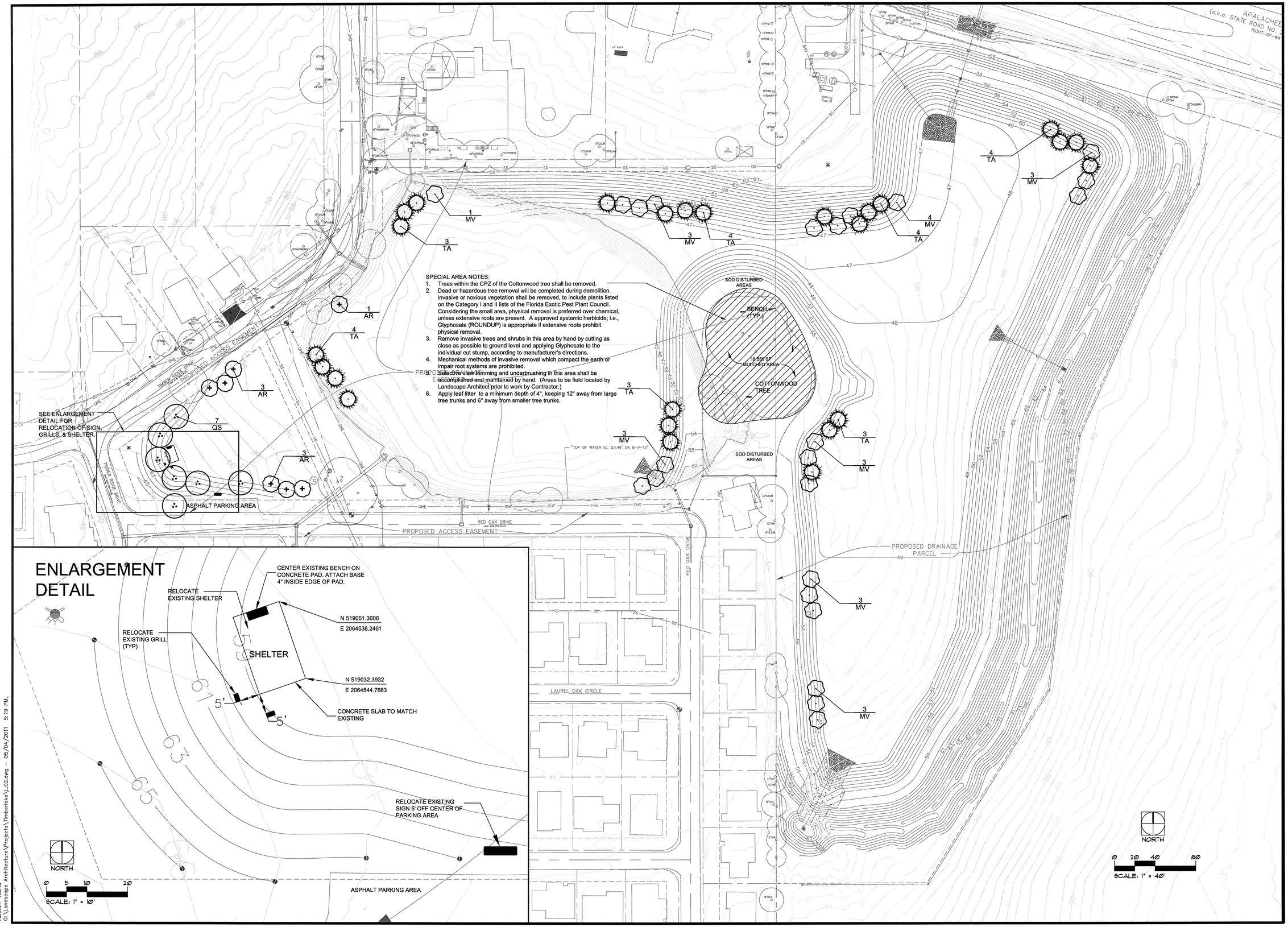

Author: 16546
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JOB NO. 100016676
DRAWN PF
DESIGNED PF
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QC SW
SHEET L-02

ROBERT L. FARLEY, R.L.A.
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REVISIONS:
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TASK
LANDSCAPE PLAN

PROJECT
TIMBERLAKE STORMWATER ENHANCEMENT PROJECT

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