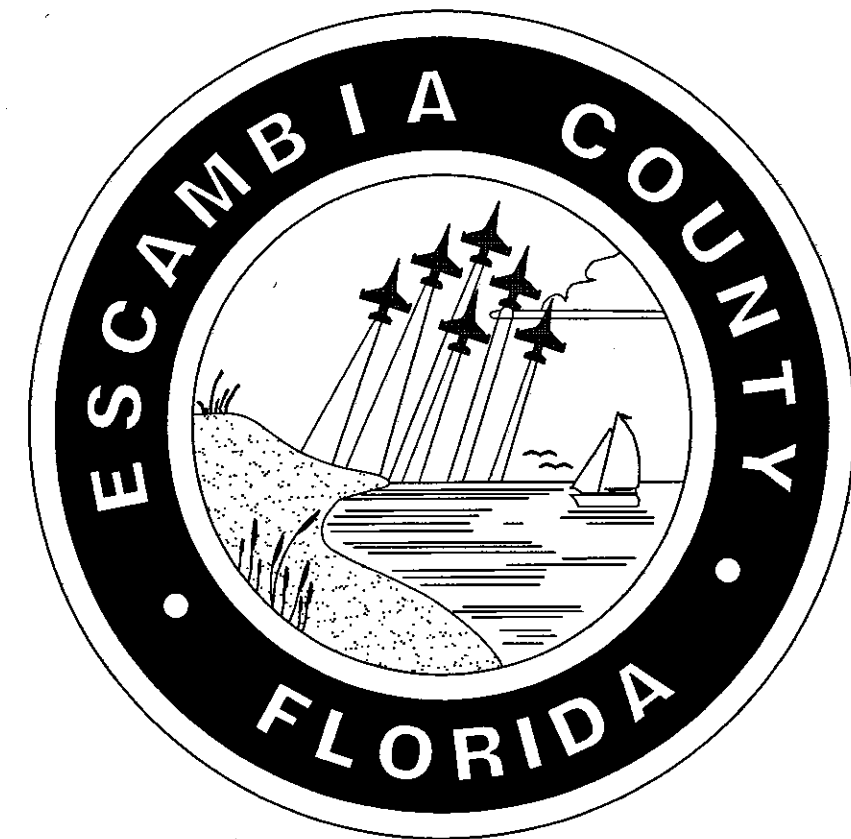




BOARD OF COUNTY COMMISSIONERS
ESCAMBIA COUNTY, FLORIDA
WATER QUALITY AND
LAND MANAGEMENT DIVISION

INDEX OF ROADWAY PLANS

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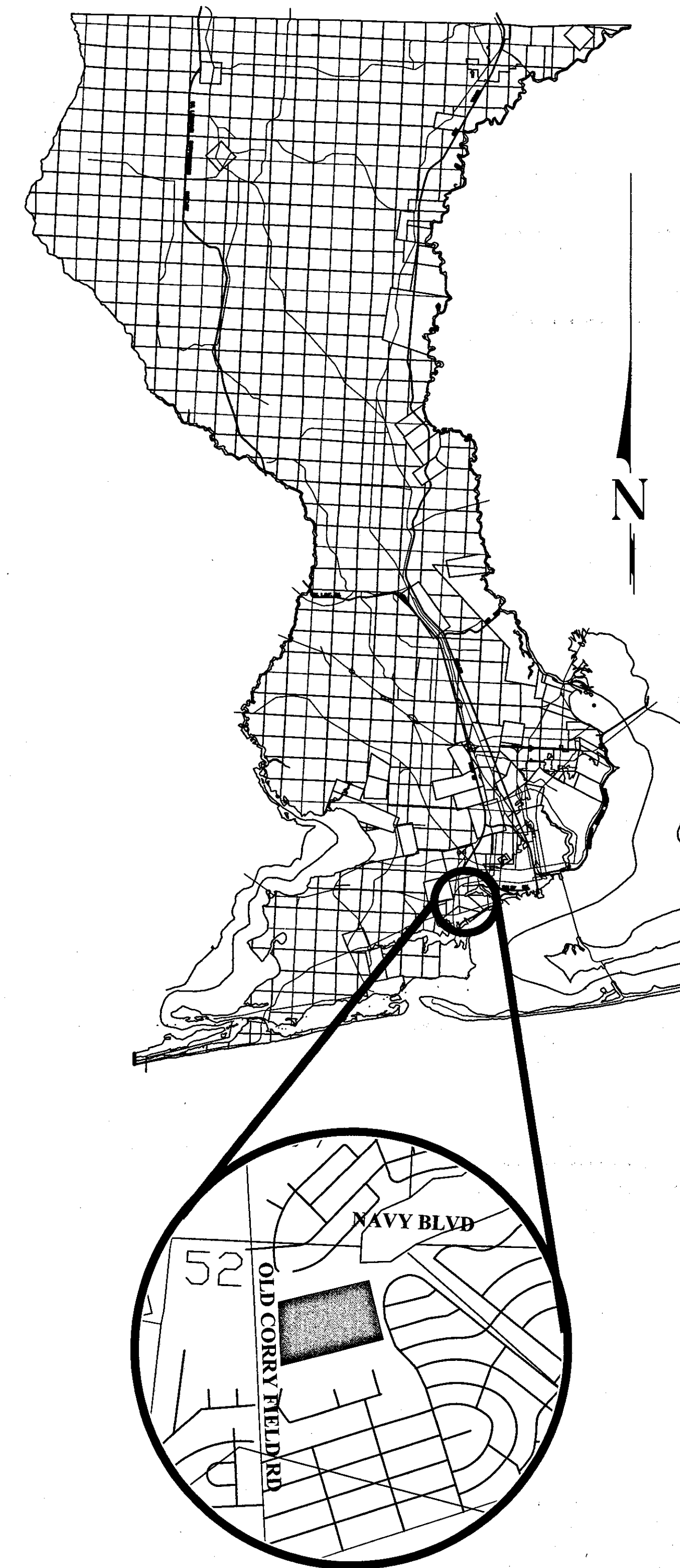
PLANS PROPOSED FOR
**THE LEXINGTON
TERRACE PARK**

**STORMWATER RETROFIT
PROJECT**

100% PLANS SUBMITTAL
NOT FOR CONSTRUCTION
NOVEMBER 11, 2011
F.E.I. PROJECT #100116

COMMISSIONERS

DISTRICT ONE	WILSON ROBERTSON
DISTRICT TWO	GENE VALENTINO
DISTRICT THREE	MARIE YOUNG
DISTRICT FOUR	GROVER ROBINSON
DISTRICT FIVE	KEVIN WHITE



VICINITY MAP

1. THE OWNER INTENDS THAT THE CONTRACT DOCUMENTS WILL PROVIDE A COMPLETE AND FULLY FUNCTIONAL PROJECT. WHERE LABOR AND MATERIAL MAY BE REQUIRED TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL PROJECT BUT IS NOT FULLY SPECIFIED, DETAILED, OR SHOWN AS A CONSTRUCTION ITEM, THE CONTRACTOR SHALL PROVIDE THE REQUIRED MATERIAL OR LABOR TO MEET THE INTENT OF THE CONTRACT DOCUMENTS. THIS REQUIREMENT MAY ONLY BE CONSTRUED AS A REQUIREMENT TO COMPLETE OR MAKE FUNCTIONAL CONSTRUCTION ITEMS SHOWN IN OR ON THE CONTRACT DOCUMENTS.
2. PRIOR TO COMMENCING CONSTRUCTION ON-SITE, THE CONTRACTOR SHALL VIDEO TAPE EXISTING CONDITIONS ON-SITE AND AT OFF-SITE CONSTRUCTION AREAS. THE CONTRACTOR SHALL KEEP ONE COPY AND PROVIDE ONE COPY EACH TO THE OWNER AND OWNERS CONSTRUCTION INSPECTION/ ADMINISTRATION REPRESENTATIVE.
3. ALL FINAL CONSTRUCTION AND CONSTRUCTION WORK SHALL BE IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL BUILDING AND/OR CONSTRUCTION CODES, RULES OR REQUIREMENTS AS APPLICABLE.
4. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL CODES, RULES AND REGULATIONS REGARDING UTILITY LOCATIONS. THE CONTRACTOR IS COMPLETELY AND SOLELY RESPONSIBLE FOR ALL DAMAGES TO ANY UTILITIES CAUSED AS A RESULT OF, OR BY, THE CONSTRUCTION. THE LOCATION OF EXISTING UTILITIES ON THESE PLANS IS SHOWN IN AN APPROXIMATE WAY ONLY AND WAS TAKEN FROM LIMITED FIELD LOCATES AND THE BEST INFORMATION AVAILABLE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION, SIZE AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY WHEN ANY UNDERGROUND CONFLICT IS ENCOUNTERED. THE CONTRACTOR SHALL CONTACT GULF POWER AND BELL SOUTH TO SUPPORT OR RELOCATE EXISTING POLES DURING CONSTRUCTION IF NECESSARY. THE CONTRACTOR SHALL PAY THE RESPECTIVE COMPANY FOR THIS WORK. THE CONTRACTOR SHALL COORDINATE ALL OTHER UTILITY WORK OR CONNECTIONS WITH THE APPROPRIATE UTILITY COMPANIES. NOTIFY SUNSHINE UTILITIES AT 811, 48 HOURS PRIOR TO DIGGING WITHIN THE RIGHT-OF-WAY. UNDERGROUND UTILITIES MAY EXIST THAT ARE NOT SHOWN. NO RECORDS EXIST OR HAVE BEEN PROVIDED.
5. ABOVE GROUND FEATURES SHOWN WHICH MAY AFFECT CONSTRUCTION WERE TAKEN FROM THE BEST AVAILABLE INFORMATION AND FIELD SURVEYS. THE OWNER DOES NOT GUARANTEE THAT ALL PHYSICAL FEATURES OR ABOVE GROUND OBSTRUCTIONS AFFECTING CONSTRUCTION ARE SHOWN. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF/HERSELF WITH THE EXISTING CONDITIONS PRIOR TO SUBMITTING HIS/HER BID. THERE SHALL BE NO ADJUSTMENT OF THE CONTRACT PRICE FOR VISIBLE FEATURES AFFECTING CONSTRUCTION.
6. THE CONTRACT DOCUMENTS, SPECIFICATIONS, AND GEOTECHNICAL INVESTIGATION REPORT FOR THIS PROJECT ARE AN INTEGRAL PART OF THE CONSTRUCTION. THE CONTRACTOR SHALL FULLY REVIEW AND FOLLOW ALL REQUIREMENTS OF THESE DOCUMENTS IN THE COMPLETION OF THE WORK. ALL CONSTRUCTION SHALL BE IN STRICT COMPLIANCE WITH THE CONTRACT DOCUMENTS UNLESS OTHERWISE APPROVED IN WRITING BY THE OWNER OR OWNERS AUTHORIZED REPRESENTATIVE.
7. ALL EXISTING FENCES, STORM DRAINS, PROPERTY CORNERS, SURVEY MONUMENTS, PAVEMENT, ROADS, SIDEWALKS, SIGNS OR ANY OTHER EXISTING OBJECTS OR STRUCTURES WHICH ARE NOT DESIGNATED FOR REMOVAL BUT ARE DAMAGED OR DESTROYED BY THE CONTRACTOR OR BY ANYONE FOR WHOM THE CONTRACTOR IS RESPONSIBLE ARE TO BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING IN KIND OR REPAIRING TO ORIGINAL CONDITION; MAILBOXES, DRIVEWAYS, DRIVEWAY CULVERTS, RETAINING WALLS, LANDSCAPING, ETC. THAT ARE DISTURBED, DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES.
8. ELEVATIONS ARE BASED ON BENCHMARK INFORMATION PROVIDED BY FABRE ENGINEERING & SURVEYING. BENCHMARKS ARE SHOWN ON THE DRAWINGS AND CONTRACTOR SHALL CHECK ELEVATIONS BETWEEN BENCHMARKS DURING CONSTRUCTION. ALL DIMENSIONS AND GRADES ON THESE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
9. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE ENGINEER OF RECORD AND THE OWNER.
10. THE LEGEND IS TYPICAL FOR ALL SHEETS. SOME ITEMS MAY NOT APPLY TO EACH SHEET.
11. THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS AT (850)595-3434. "RECORD" CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL APPROVAL.

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL PERMITS AND LICENSES NECESSARY TO WORK IN THE ESCAMBIA COUNTY RIGHT-OF-WAY. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE ENGINEER OF RECORD AND ESCAMBIA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A CERTIFICATE OF OCCUPANCY.

1. HAZARDOUS MATERIAL MEANS ANY SUBSTANCE: (A) THE PRESENCE OF WHICH REQUIRES INVESTIGATION OR REMEDIATION UNDER ANY PRESENT FEDERAL, STATE OR LOCAL STATUTE, REGULATION, ORDINANCE, RULE, CODE, ACTION, POLICY OR COMMON LAW, OR (B) WHICH IS OR BECOMES DEFINED AS A "HAZARDOUS WASTE" "HAZARDOUS SUBSTANCE," POLLUTANT OR CONTAMINANT UNDER ANY PRESENT FEDERAL, STATE OR LOCAL STATUTE, REGULATION, RULE OR ORDINANCE OR AMENDMENTS THERETO INCLUDING, WITHOUT LIMITATION, THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (42 U.S.C. SECTIONS 9601 ET SEQ.) AND/OR THE RESOURCE CONSERVATION AND RECOVERY ACT (42 U.S.C. SECTIONS 6901 ET SEQ.), OR (C) WHICH IS TOXIC, EXPLOSIVE, CORROSIVE, FLAMMABLE, INFECTIOUS, RADIOACTIVE, CARCINOGENIC, MUTAGENIC, OR OTHERWISE HAZARDOUS AND IS REGULATED BY ANY GOVERNMENTAL AUTHORITY, AGENCY, DEPARTMENT, COMMISSION, BOARD, AGENCY OR INSTRUMENTALITY OF THE UNITED STATES, THE STATE IN WHICH THE PREMISES ARE LOCATED OR ANY POLITICAL SUBDIVISION THEREOF, OR (D) THE PRESENCE OF WHICH ON THE PREMISES CAUSES OR THREATENS TO CAUSE A NUISANCE UPON THE PREMISES OR TO ADJACENT PROPERTIES OR POSES OR THREATENS TO POSE A HAZARD TO THE HEALTH OR SAFETY OF PERSONS ON OR ABOUT THE PREMISES, OR (E) WHICH CONTAINS GASOLINE, DIESEL FUEL, OR OTHER PETROLEUM HYDROCARBONS, OR (F) WHICH CONTAINS POLYCHLORINATED BIPHENYL (PCBS), ASBESTOS, LEAD OR UREA FORMALDEHYDE FOAM INSULATION.
2. CONTRACTOR AND ITS SUBCONTRACTORS SHALL USE, HANDLE, TRANSPORT, AND DISPOSE OF ALL HAZARDOUS MATERIALS (AS DEFINED HEREIN) IN COMPLIANCE WITH ALL PRESENT FEDERAL, STATE AND LOCAL ENVIRONMENTAL, HEALTH OR SAFETY LAW, INCLUDING, BUT NOT LIMITED TO, ALL SUCH STATUTES, REGULATIONS, RULES, ORDINANCES, CODES, AND RULES OF COMMON LAW.

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| REVISIONS | DATE | APPROVED BY |
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| NUMBER | | |
| DRAWING NUMBER G-102 | | |
| PROJECT NUMBER 100116 | | |
| SURVEY NUMBER 050003-02 | | |
| SHEET 01 OF 17 | | |

NUMBER	REVISIONS	DATE	APPROVED BY
DRAWING NUMBER	C-101		
PROJECT NUMBER	100116		
SURVEY NUMBER	050003-02		
SHEET	03	OF	17



17. IN AREAS REQUIRING FILL MATERIAL, THE CONTRACTOR SHALL STRIP OR OTHERWISE REMOVE ALL VEGETATION SUCH AS BRUSH, HEAVY SODS, HEAVY GROWTH OF GRASS, DECAYED VEGETATION MATTER, RUBBISH AND ANY OTHER DELETERIOUS MATERIAL BEFORE EMBANKMENT IS PLACED. IMMEDIATELY PRIOR TO THE PLACING OF FILL MATERIAL, THE ENTIRE AREA UPON WHICH FILL IS TO BE PLACED, SHALL BE SCARIFIED IN A DIRECTION APPROXIMATELY PARALLEL TO THE AXIS OF FILL. THE GEOTECHNICAL ENGINEER SHALL APPROVE THE AREA PRIOR TO THE PLACEMENT OF FILL.
18. ALL DEMOLISHED MATERIALS SHALL BE REMOVED FROM THE SITE AT THE CONTRACTOR'S EXPENSE. DEBRIS SHALL BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. ESCAMBIA COUNTY MAY ALLOW DISPOSAL OF CONCRETE PIPE AND STRUCTURES AT PENSACOLA SHIPYARD. SEE BID FORM.
19. ALL ASPHALT AND CONCRETE SHALL BE SAW CUT AT EDGES TO REMAIN. REMAINING EDGES SHALL BE PROTECTED AT THE CONTRACTOR'S EXPENSE.
20. CONTRACTOR SHALL ACCESS SITE FROM LOCATION SHOWN ABOVE ONLY.
21. TREES WILL BE BARRICADED IN GROUPS.
22. PIPE DEMOLITION ADDITIVE ALTERNATE - IF OWNER SELECTS PIPE DEMOLITION ADDITIVE ALTERNATE CONTRACTOR WILL TRANSPORT DEMOLISHED PIPE TO COUNTY STAGING AREA AT NINE MILE ROAD AND MOBILE HIGHWAY. PIPE WILL BE EXCAVATED, LOADED, UNLOADED, AND TRANSPORTED USING SAFEGUARDS TO ASSURE CONCRETE IS GENERALLY INTACT FOR USE AS A FUTURE ARTIFICIAL REEF PROJECT.

EROSION AND SEDIMENT CONTROL NOTES:

1.

AN NPDES STORMWATER POLLUTION PREVENTION PLAN AND ASSOCIATED NOI (NOTICE OF INTENT) IS REQUIRED FOR THIS SITE.
2.

THE CONTRACTOR SHALL DEVELOP AND IMPLEMENT A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) ACCORDING TO EPA/FDEP NPDES CRITERIA TO MINIMIZE EROSION AND INSURE PROPER FUNCTIONING OF STORM WATER MANAGEMENT SYSTEM UPON COMPLETION OF CONSTRUCTION. IN ADDITION TO MEETING EPA/FDEP NPDES CRITERIA, THE SWPPP SHALL BE SUBMITTED TO AND COMPLY WITH LOCAL OR STATE AGENCY HAVING JURISDICTION'S MINIMUM EROSION CONTROL CRITERIA.
3.

THE CONTRACTOR SHALL PROVIDE A NOTICE OF INTENT IN ACCORDANCE WITH CRITERIA SET FORTH IN THE NPDES PERMIT REQUIREMENTS 48 HOURS PRIOR TO BEGINNING CONSTRUCTION, CLEARING, OR DEMOLITION.
4.

THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS AND ALL REGULATIONS CONTROLLING POLLUTION OF THE ENVIRONMENT.
5.

CONTRACTOR SHALL EXECUTE ALL MEASURES NECESSARY TO LIMIT THE TRANSPORTATION OF SEDIMENTS OUTSIDE THE LIMITS OF THE PROJECT TO THE VOLUME AND AMOUNT AS THOSE THAT EXIST PRIOR TO COMMENCEMENT OF CONSTRUCTION. THIS CONDITION MUST BE SATISFIED UNTIL PROJECT IS FULLY COMPLETED AND ACCEPTED. CONTRACTOR SHALL PROVIDE ROUTINE MAINTENANCE ON TEMPORARY EROSION CONTROL FEATURES AT HIS EXPENSE. PROVISION MUST BE MADE TO PRESERVE THE INTEGRITY AND CAPACITY OF CHECK WEIRS, SEDIMENT BASINS, SLOPE DRAINS, GRADING PATTERNS, ETC. REQUIRED TO MEET THIS PROVISION THROUGH OUT THE LIFE OF CONSTRUCTION. CONTRACTOR SHALL PROVIDE HAY BALES, SILT BARRIERS, MURAFI FILTERS, TEMPORARY GRASSING, ETC., AS REQUIRED TO FULLY COMPLY WITH THE INTENT OF THIS SPECIFICATION. CONTRACTOR SHALL PROVIDE CONTINUOUS MONITORING OF EROSION AND SEDIMENT CONTROLS TAKEN AND SHALL DOCUMENT ALL CORRECTIVE MEASURES. A COPY OF THE APPROVED SWPPP SHALL BE KEPT ON SITE AT ALL TIMES FOR REVIEW BY OWNER'S REPRESENTATIVES AND BY NPDES INSPECTORS.
6.

PROVIDE EFFECTIVE TEMPORARY AND PERMANENT EROSION CONTROL FOLLOWING THE REQUIREMENTS IN SECTION 104 OF THE STATE DEPARTMENT OF TRANSPORTATION STANDARDS SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. (F.D.O.T. SECTION 104)
7.

INLETS AND CATCH BASINS SHALL BE PROTECTED FROM SEDIMENTATION RESULTING FROM SURFACE RUNOFF UNTIL COMPLETION OF ALL CONSTRUCTION OPERATION THAT MAY CAUSE SEDIMENT RUNOFF. FILTER FABRIC SHALL BE PLACED AND MAINTAINED UNDER THE GRATE AND FILTER SOCKS PLACED IN FRONT OF THE THROAT OF CURB INLETS, DURING CONSTRUCTION.
8.

TURBIDITY BARRIERS MUST BE INSTALLED AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SEDIMENTS AND SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTING DUE TO CONSTRUCTION. TURBIDITY BARRIERS SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED, SOILS ARE STABILIZED AND VEGETATION HAS BEEN ESTABLISHED.
9.

THE EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THESE CONTROLS UNTIL VEGETATION IS CAPABLE OF PROVIDING EROSION & SILTATION CONTROL.
10.

ALL DISTURBED AREAS ARE TO BE SEEDED, FERTILIZED, MULCHED, HYDROSEEDED, OR SODDED AS NECESSARY, UNLESS NOTED OTHERWISE. SOD PINS SHALL BE USED WHERE SLOPES ARE STEEPER THAN 3:1.
11.

GRASSING SHALL BE INSTALLED AND MAINTAINED ON ALL EXPOSED SLOPES AND DISTURBED AREAS WITHIN 48 HOURS OF COMPLETING FINAL GRADE, AND AT ANY OTHER TIME AS NECESSARY, TO PREVENT EROSION, SEDIMENTATION OR TURBID DISCHARGES INTO THE WATER OF THE STATE OR ADJACENT WETLANDS. A VEGETATIVE COVER THAT STABILIZES AND PREVENTS EROSION OF THE FILL MATERIAL SHALL BE ESTABLISHED WITHIN 60 DAYS OF SODDING. UPON ESTABLISHMENT OF A SUBSTANTIAL VEGETATIVE COVER, ALL TURBIDITY BARRIERS AND EROSION CONTROL DEVICES SHALL BE REMOVED.
12.

TREES SLATED FOR PROTECTION SHALL BE MARKED AND TREE PROTECTION BARRICADES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY LAND DISTURBING ACTIVITIES. NO PROTECTED TREES SHALL BE REMOVED, DESTRUCTIVELY DAMAGED, MUTILATED, RELOCATED, DISFIGURED, DESTROYED, CUT DOWN, OR EXCESSIVELY PRUNED DURING CONSTRUCTION ACTIVITIES.
13.

NO GRADING OR CLEARING BY OR STORAGE OF HEAVY EQUIPMENT SHALL OCCUR WITHIN THE DRIPLINE OF PROTECTED TREES OR WITHIN ENVIRONMENTALLY SENSITIVE AREAS.

14.

ALL EROSION & SEDIMENT CONTROLS SHALL BE CONSISTENT WITH PERFORMANCE STANDARDS FOR EROSION AND SEDIMENT CONTROL AND STORMWATER TREATMENT SET FORTH IN SECTION 62-40.432, FLORIDA ADMINISTRATIVE CODE, THE APPLICABLE STORMWATER OR ENVIRONMENTAL RESOURCE PERMITTING REQUIREMENTS OF FDEP OR A WATER MANAGEMENT DISTRICT, AND THE GUIDELINES CONTAINED IN THE FLORIDA DEVELOPMENT MANUAL: A GUIDE TO SOUND LAND AND WATER MANAGEMENT (DEP) 1988 AND ANY SUBSEQUENT AMENDMENTS.
15.

TEMPORARY SEDIMENT CONTROL MEASURES INCLUDE, BUT ARE NOT LIMITED TO: SILT FENCING, HAY BALE BARRIERS, CONSTRUCTION OF TEMPORARY SEDIMENT CHECK DAMS, AND TEMPORARY SEEDING. PERMANENT SEDIMENT CONTROL MEASURES INCLUDE BUT ARE NOT LIMITED TO SODDING, RIP-RAP STABILIZATION, THE STORMWATER CONVEYANCE SYSTEM, AND PERMANENT SODDING AND SEEDING. STABILIZATION PRACTICES ARE DETAILED ON THE CONSTRUCTION PLANS, BUT SHALL INCLUDE ANY MEASURES NECESSARY TO PREVENT SEDIMENT FROM ESCAPING THE SITE AND TO COMPLY WITH ALL APPLICABLE FDEP STANDARDS.
16.

WHEN NECESSARY EARTHEN BERMS WILL BE PROVIDED TO PREVENT STORMWATER RUNOFF FROM DISCHARGING WITHOUT BEING ROUTED TO THE DRAINAGE SWALES AND THROUGH THE STORMWATER SYSTEM.
17.

CONSTRUCTION OPERATIONS SHALL BE SCHEDULED AND PERFORMED SO THAT PREVENTATIVE EROSION CONTROL MEASURES ARE IN PLACE PRIOR TO EXCAVATION AND TEMPORARY STABILIZATION MEASURES ARE IN PLACE IMMEDIATELY FOLLOWING BACKFILLING AND/OR GRADING OPERATIONS.
18.

SPECIAL PRECAUTIONS WILL BE TAKEN IN THE USE OF CONSTRUCTION EQUIPMENT TO PREVENT SITUATIONS THAT PROMOTE EROSION.
19.

CLEANUP WILL BE DONE IN A MANNER TO INSURE THAT EROSION CONTROL MEASURES ARE NOT DISTURBED.
20.

THE PROJECT WILL CONTINUALLY BE INSPECTED FOR SOIL EROSION AND SEDIMENT CONTROL COMPLIANCE. DEFICIENCIES WILL BE CORRECTED BY THE CONTRACTOR WITHIN 24 HOURS.
21.

TEMPORARY EROSION CONTROL MEASURES SHALL BE COMPLETELY REMOVED BY THE CONTRACTOR UPON ESTABLISHMENT OF PERMANENT CONTROL MEASURES OR WHEN DIRECTED BY THE OWNER.
22.

THE CONTRACTOR SHALL RESTORE ALL DISTURBED RIGHTS-OF-WAY IN ACCORDANCE WITH THE LATEST EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
23.

THE CONTRACTOR SHALL COMPLETE SITE RESTORATION AS THE PROJECT PROGRESSES.
24.

THE CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO CONTROL TURBIDITY IN SURROUNDING WATERS INCLUDING, BUT NOT LIMITED TO, THE INSTALLATION OF TURBIDITY BARRIERS AT ALL LOCATIONS WHERE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS AND THE RECEIVING WATER BODY EXISTS DUE TO PROPOSED WORK. TURBIDITY BARRIERS MUST BE MAINTAINED AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REMOVING THE BARRIERS; AT NO TIME SHALL THERE BE ANY OFF SITE DISCHARGE WHICH VIOLATES THE WATER QUALITY STANDARDS OF THE FLORIDA ADMINISTRATIVE CODE.
25.

ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 30 DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVED A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO STATE STANDARDS.
26.

PERMANENT VEGETATION TO BE SEEDED OR SODDED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER GRADING. MULCH TO BE USED AS NECESSARY FOR PROTECTION UNTIL SEEDING IS ESTABLISHED.
27.

IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E. STEEP SLOPES AND ROADWAY EMBANKMENTS) WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT. AT A THICKNESS OF TWO (2) TO FOUR (4) INCHES MIXED WITH THE TOP TWO (2) INCHES OF SOIL. ACCORDING TO STATE STANDARDS.
28.

ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS (I.E. SLOPES GREATER THAN 3:1).

29.

UNFILTERED DEWATERING IS NOT PERMITTED. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS DURING ALL DEWATERING OPERATIONS TO MINIMIZE SEDIMENT TRANSFER.
30.

SHOULD THE CONTROL OF DUST AT THE SITE BE NECESSARY, THE SITE WILL BE SPRINKLED UNTIL THE SURFACE IS WET, TEMPORARY VEGETATION COVER SHALL BE ESTABLISHED OR MULCH SHALL BE APPLIED IN ACCORDANCE WITH STATE STANDARDS FOR EROSION CONTROL.
31.

ALL SOIL WASHED, DROPPED, SPILLED OR TRACKED OUTSIDE THE LIMIT OF DISTURBANCE OR ONTO PUBLIC RIGHTS-OF-WAY WILL BE REMOVED IMMEDIATELY.
32.

ALL SOIL STOCKPILES ARE TO BE TEMPORARILY STABILIZED IN ACCORDANCE WITH SOIL EROSION AND SEDIMENT CONTROL NOTE NUMBER 15 (ABOVE).
33.

ANY AREAS USED FOR THE CONTRACTOR'S STAGING, INCLUDING, BUT NOT LIMITED TO, TEMPORARY STORAGE OF STOCKPILED MATERIALS (E.G. CRUSHED STONE, QUARRY PROCESS STONE, SELECT FILL, EXCAVATED MATERIALS, ETC.), SHALL BE ENTIRELY PROTECTED BY A SILT FENCE ALONG THE LOW ELEVATION SIDE TO CONTROL SEDIMENT RUNOFF.
34.

EROSION CONTROL MEASURES SHOWN ARE MINIMUM REQUIREMENTS ONLY. THE CONTRACTOR SHALL REINFORCE AND/OR ADD ADDITIONAL MEASURES AS CONDITIONS WARRANT AND/OR DIRECTED BY THE PROPER REGULATORY AUTHORITY.
35.

CONTRACTOR SHALL NOT TEMPORARILY STORE ANY STOCKPILED EXCAVATED MATERIAL WITHIN 50FT OR UPLAND OF ANY WETLAND AREAS.

DUST CONTROL

1.

ALL AREAS OF CLEARING AND EMBANKMENT AS WELL AS CONSTRUCTION HAUL ROADS SHALL BE TREATED AND MAINTAINED IN SUCH A MANNER AS TO MINIMIZE ANY DUST GENERATION.
2.

DISTURBED AREAS SHALL BE MAINTAINED IN A ROUGH GRADED CONDITION AND TEMPORARILY SEEDED AND/OR MULCHED UNTIL PROPER WEATHER CONDITIONS EXIST FOR THE ESTABLISHMENT OF PERMANENT VEGETATION CONVERT.
3.

IN EVENT OF EMERGENCY CONDITIONS, TILLAGE WILL BE SATISFACTORY FREE BEFORE SOIL BLOWING STARTS.
4.

CALCIUM CHLORIDE MAY BE APPLIED TO UNPAVED ROADWAY AREAS, ONLY, SUBJECT TO THE ENGINEER'S APPROVAL AND CONFORMANCE WITH F.D.O.T. STANDARD SPECIFICATIONS, SECTION 102-5, LATEST EDITION.

PROPOSED SEQUENCE OF CONSTRUCTION

CONSTRUCTION SHOULD PROCEED IN THE FOLLOWING MANNER:

1.

INSTALLATION OF ALL SEDIMENT AND EROSION CONTROL DEVICES THAT CAN BE PLACED PRIOR TO ANY MAJOR SOIL DISTURBANCES
2.

CLEAR AND REMOVE ALL EXISTING VEGETATION IN THOSE AREAS WHERE NECESSARY. ALL REMAINING VEGETATION TO BE PROPERLY PROTECTED AND TO REMAIN IN ITS NATURAL STATE.
3.

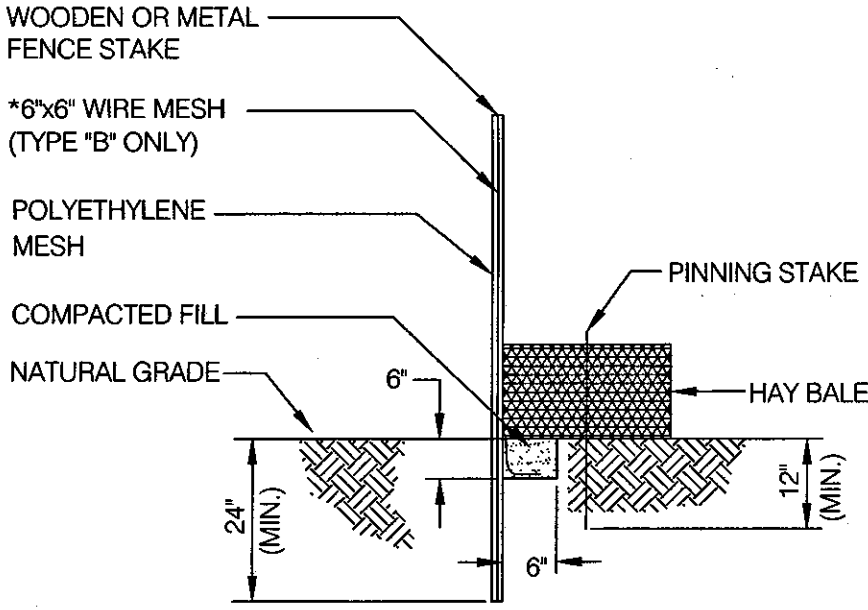
IMMEDIATE INSTALLATION OF ALL REMAINING SEDIMENT AND EROSION CONTROL DEVICES.
4.

INITIATE CONSTRUCTION.
5.

INSTALL TEMPORARY MEASURES DURING CONSTRUCTION ACTIVITIES AS REQUIRED.
6.

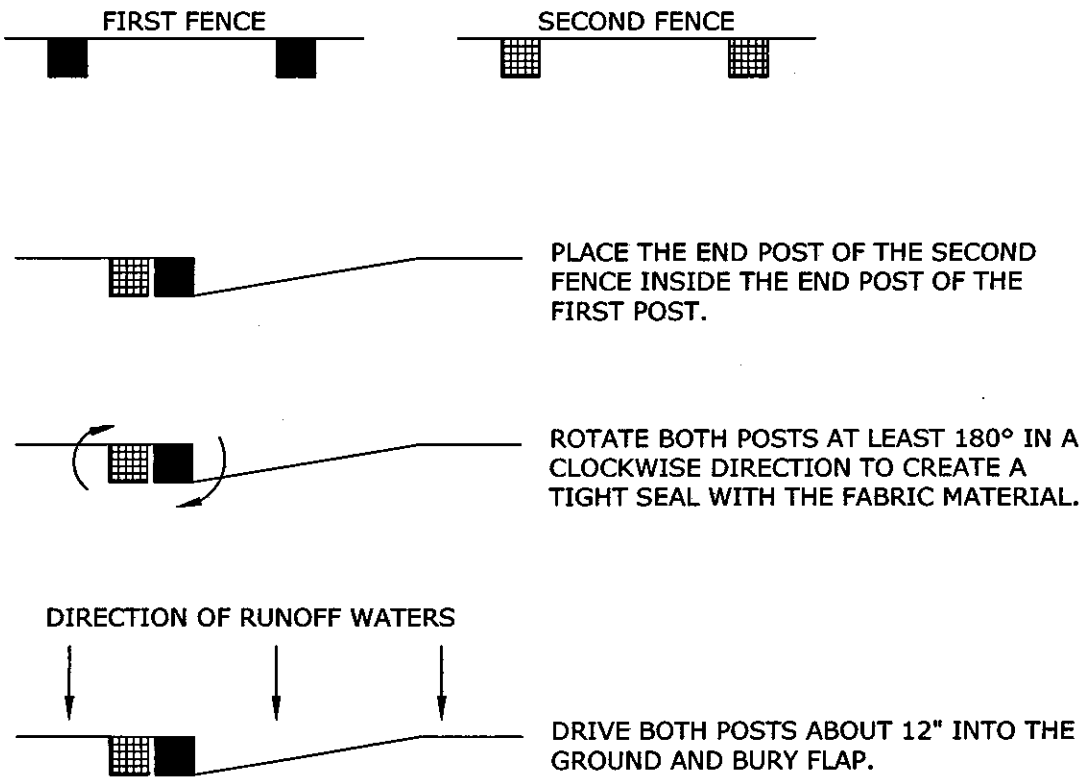
UPON COMPLETION OF CONSTRUCTION ACTIVITIES, PROVIDE RESTORATION, FINE GRADE REMAINDER OF SITE, AND STABILIZE WITH TEMPORARY SEEDING.
7.

REMOVAL OF APPROPRIATE TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES.

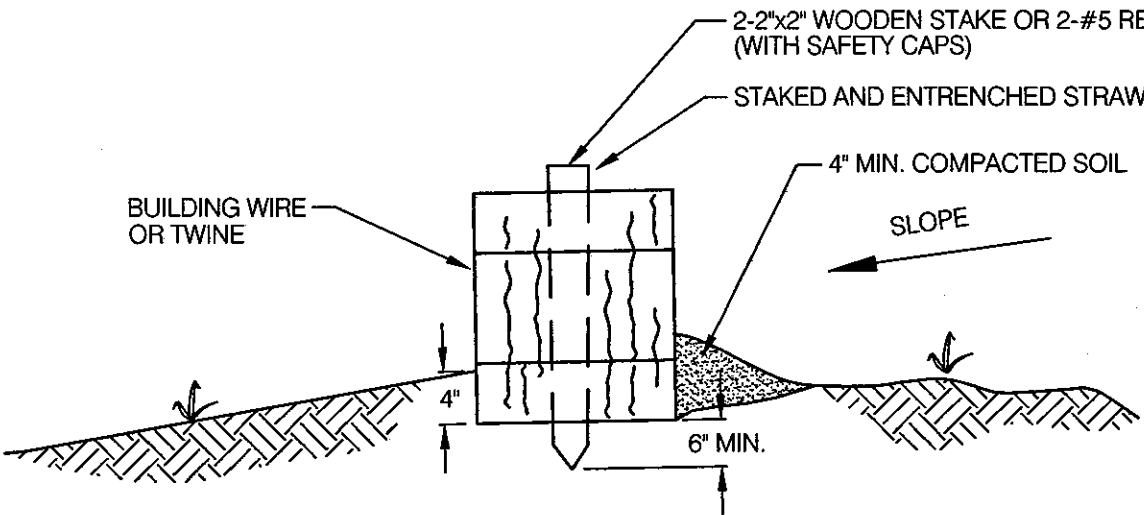


* ALL SILT FENCING THAT PROTECTS JURISDICTIONAL WETLANDS MUST BE TYPE 'B' SILT FENCING. ALL OTHER AREAS MUST USE POLYETHYLENE MESH SILT FENCING.

SILT FENCE DETAIL
NOT TO SCALE



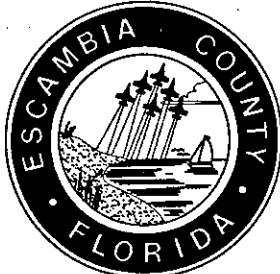
BUTTING SILT FENCE DETAIL
NOT TO SCALE



STRAW BALE BARRIER CONSTRUCTION

BALES SHALL BE PLACED IN A SINGLE ROW, LENGTHWISE, WITH ENDS OF ADJACENT BALES TIGHTLY ABUTTING ONE ANOTHER. ALL BALES SHALL BE SECURELY ANCHORED BY AT LEAST TWO STAKES OR REBARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALES TO FORCE THE BALES TOGETHER. CONTRACTOR SHALL WEDGE OR CHINK LOOSE STRAW BETWEEN BALES. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE AS PROMPTLY AS NEEDED. STRAW BALE BARRIERS SHALL BE REMOVED AFTER THEY HAVE SERVED THEIR USEFULNESS, BUT NOT BEFORE THE UPSLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED. STRAW BALE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES.

HAY BALE DETAIL
NOT TO SCALE



FABRE ENGINEERING, INC.

ENGINEERS

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DRAWN BY: E. DORMAN

DATE: 11-11-11

DESIGNED BY: W.J. PHILLIPS

PROJECT MANAGER: M. MORTARA

CHECKED BY: D. LONG

DISTRICT: 2

SUBMITTAL NUMBER: 7084

SECTION NUMBER: 20 OF 30

REVISIONS

DATE

APPROVED BY

NUMBER

1

2

3

4

5

6

7

8

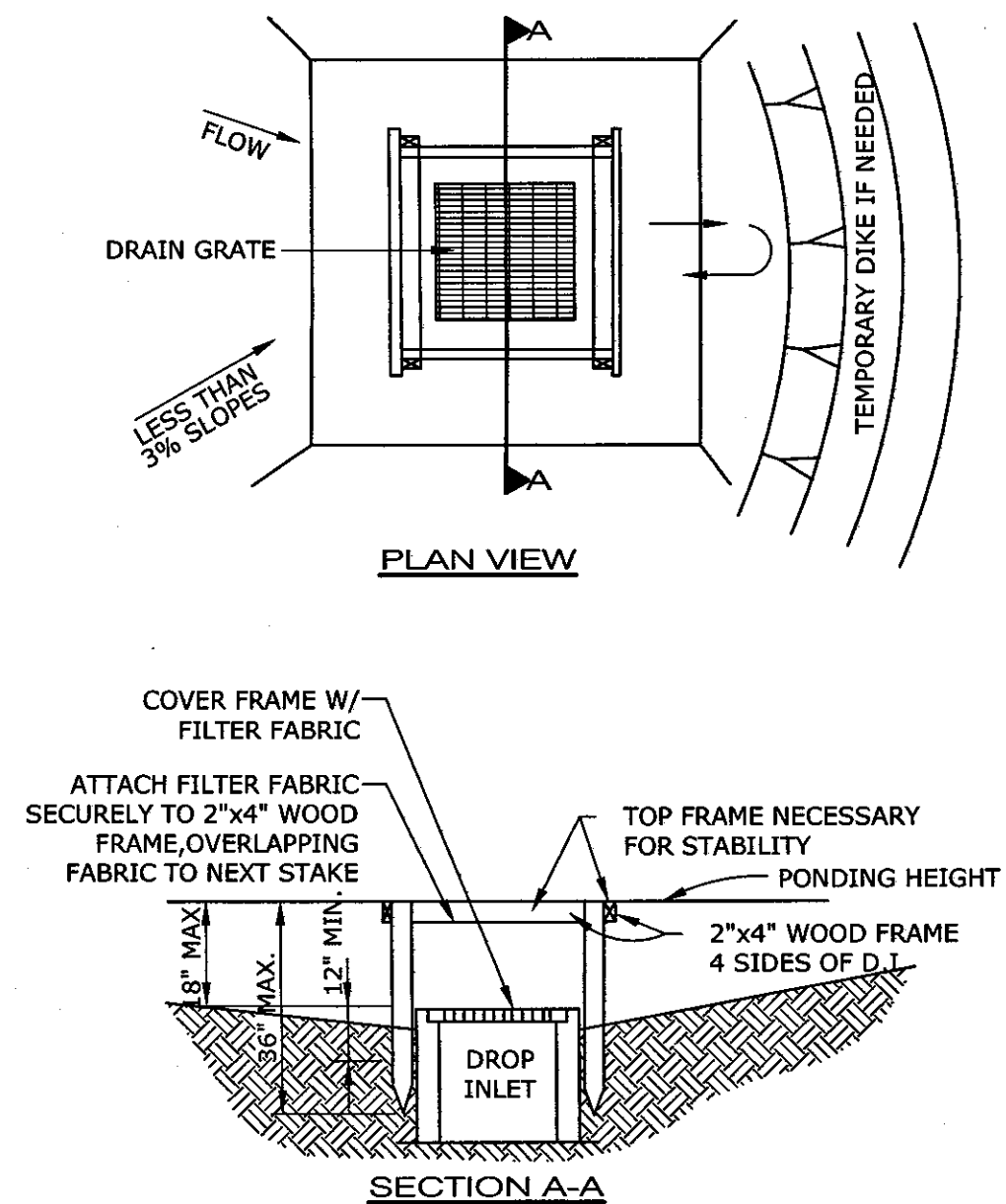
9

10

- GENERAL NOTES
1. A Soil Tracking Prevention Device (STPD) shall be constructed at locations designated by the engineer for points of egress from unstabilized areas of the project to public roads where offsite tracking of mud could occur. Traffic from unstabilized areas of the construction project shall be directed thru a STPD. Barriers, flagging, or other positive means shall be used as required to limit and direct vehicular access across the STPD.
 2. The Contractor may propose an alternative technique to minimize offsite tracking of sediment. The alternative must be reviewed and approved by the Engineer prior to its use.
 3. All materials spilled, dropped, or tracked onto public roads (including the STPD aggregate and construction mud) shall be removed daily, or more frequently if so directed by the Engineer.
 4. Aggregates shall be as described in Section 901 excluding 901-2.3. Aggregates shall be FDOT size #1. If this size is not available, the next available smaller size aggregate may be substituted with the approval of the Engineer. Sizes containing excessive small aggregate will track off the project and are unsuitable.
 5. The sediment pit should provide a retention volume of 3600 cubic feet/acre of surface area draining to the pit. When the STPD is isolated from other drainage areas, the following pit volumes will satisfy this requirement:
 $15' \times 50' \times 100' \text{ ft}^3$ $30' \times 50' \times 200' \text{ ft}^3$
As an option to the sediment pit, the width of the swale bottom can be increased to obtain the volume. When the sediment pit or swale volume has been reduced to one half, it shall be cleaned. When a swale is used, hay bales or silt fence shall be placed along the entire length.
 6. The swale ditch draining the STPD shall have a 0.2% minimum and a 1.0% maximum grade along the STPD and to the sediment pit.
 7. Mitered end sections are not required when the siltedrain pipe satisfies the clear zone requirements.
 8. The STPD shall be maintained in a condition that will allow it to perform its function. To prevent offsite tracking, the STPD shall be rinsed (daily when in use) to move accumulated mud downward thru the stone. Additional stabilization of the vehicular route leading to the STPD may be required to limit the mud tracked.
 9. A STPD shall be paid for under the contract unit price for Soil Tracking Prevention Device, EA. The unit price shall constitute full compensation for construction, maintenance, replacement of materials, removal, and restoration of the area utilized for the STPD, including but not limited to excavation, grading, temporary pipe (including MES when required), filter fabric, aggregate, paved turnout (including asphalt and base construction), ditch stabilization, approach route stabilization, sediment removal and disposal, water, rinsing and cleaning of the STPD and cleaning of public roads, grassing and sod. Hay bales shall be paid for under the contract unit price for Hay or Straw Baled, EA. Silt Fence shall be paid for under the contract unit price for Staked Silt Fence, LF.
 10. The nominal size of a standard STPD is 15' x 50' unless otherwise shown in the plans. If the volume of entering and exiting vehicles warrant, a 30' width STPD may be used if approved by the Engineer. When a double width (30') STPD is used, the pay quantity shall be 2 for each location.

SOIL TRACKING PREVENTION DEVICE TYPE "A"

F.D.O.T. INDEX #106, SHEET 1 OF 1
NOT TO SCALE

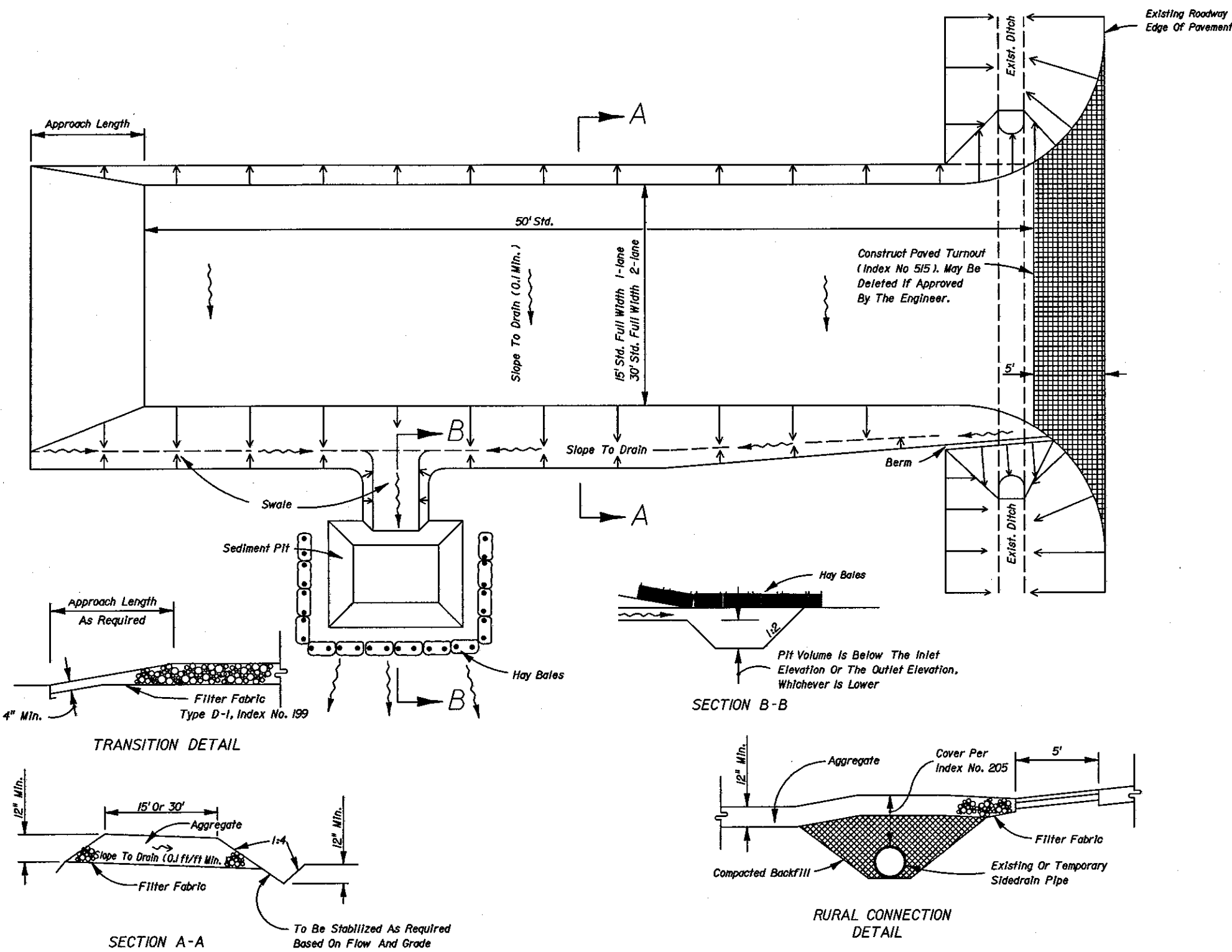


NOTES

1. DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SMALL NEARLY LEVEL DRAINAGE AREAS. (LESS THAN 5.0%)
2. USE 2"x4" WOOD OR EQUIVALENT METAL STAKES (3 FT. MIN. LENGTH).
3. INSTALL 2"x4" WOOD TOP FRAME TO INSURE STABILITY.
4. THE TOP OF THE FRAME (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BY-PASSING THE INLET. THE TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.

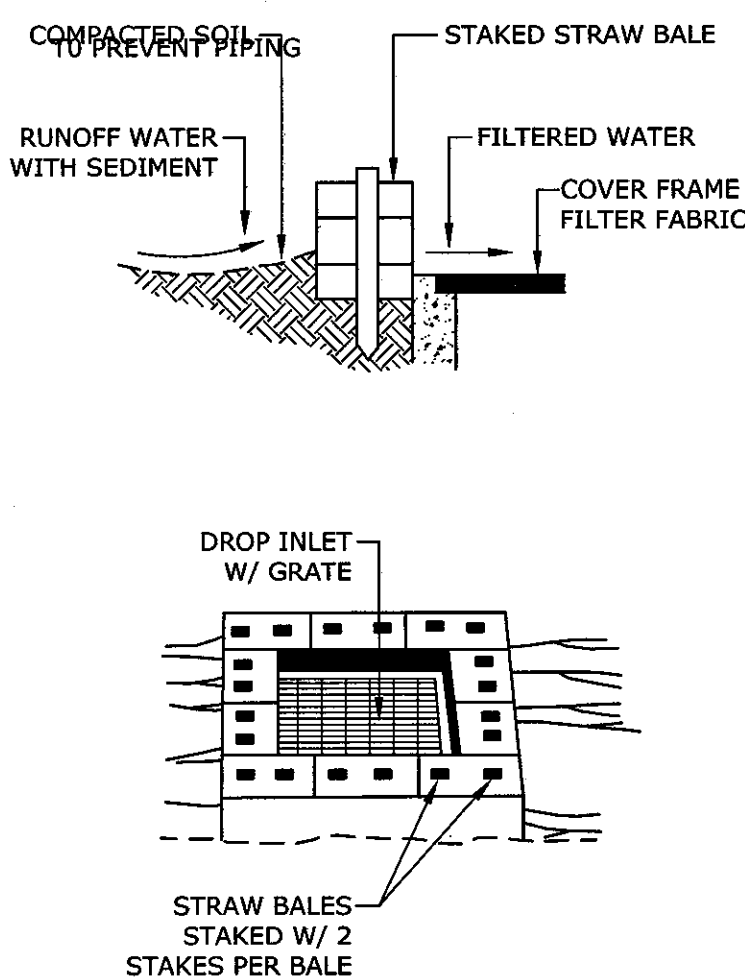
SILT FENCE DROP INLET SEDIMENT BARRIER

NOT TO SCALE



SOIL TRACKING PREVENTION DEVICE TYPE "A"

F.D.O.T. INDEX #106, SHEET 1 OF 1
NOT TO SCALE

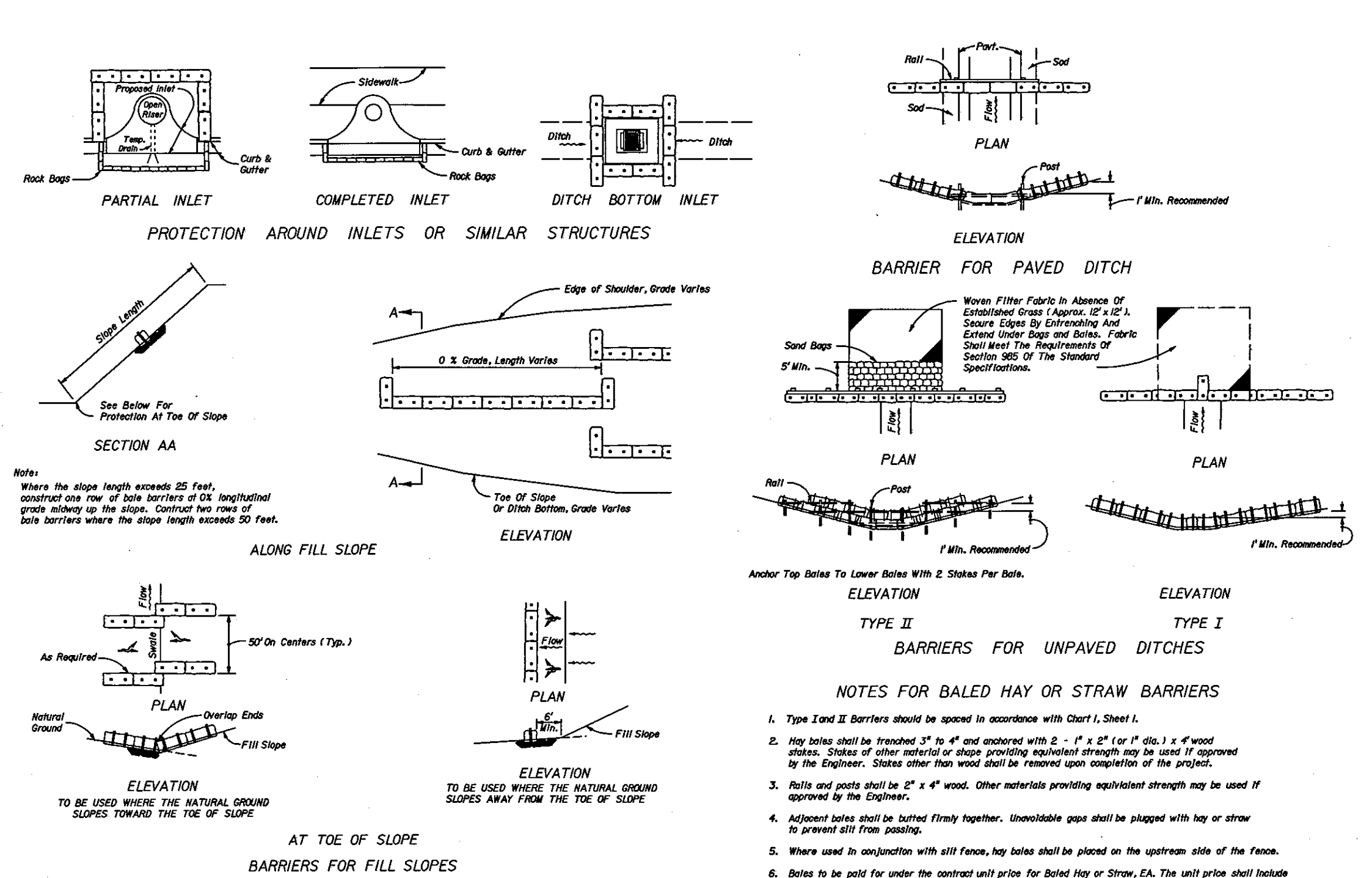


NOTES

1. DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SMALL NEARLY LEVEL DRAINAGE AREAS. (LESS THAN 5.0%)
2. EMBED THE BALES 4" INTO THE SOIL AND OFFSET CORNERS OR PLACE BALES WITH ENDS ABUTTING. GRAVEL BACKFILL WILL PREVENT EROSION OR FLOW AROUND THE BALES.
3. THE TOP OF THE FRAME (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BY-PASSING THE INLET. THE TEMPORARY DIKE MAY BE NECESSARY.

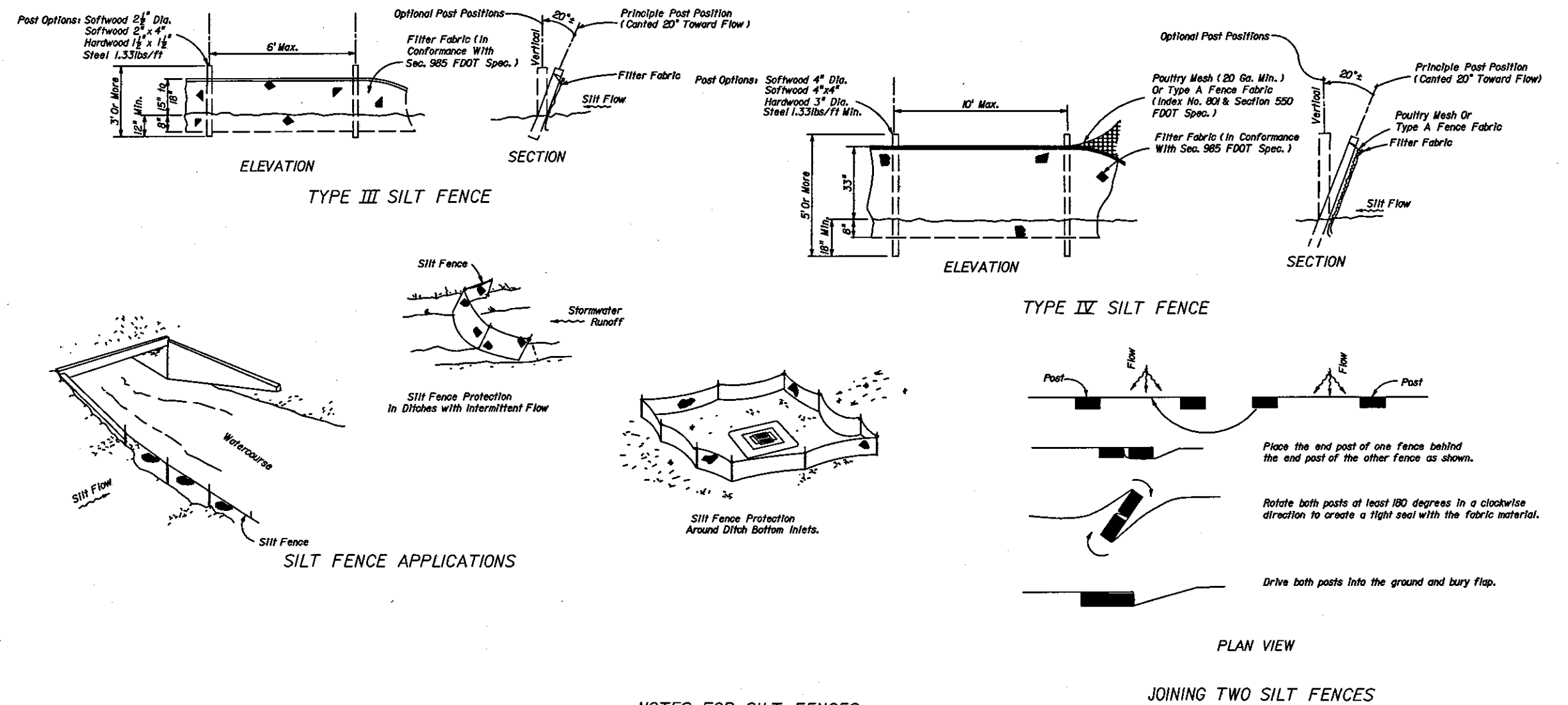
STRAW BALE DROP INLET SEDIMENT FILTER

NOT TO SCALE



TEMPORARY EROSION AND SEDIMENT CONTROL

F.D.O.T. INDEX #102, SHEET 2 OF 3
NOT TO SCALE

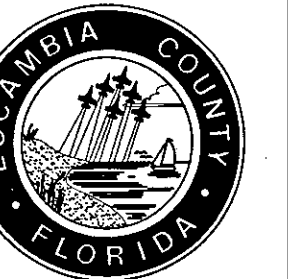


NOTES FOR SILT FENCES

1. Type III Silt Fence to be used at most locations. Where used in ditches, the spacing for Type III Silt Fence shall be in accordance with Chart 1, Sheet 1.
2. Type IV Silt Fence to be used where large sediment loads are anticipated. Suggested use is where fill slope is 1:2 or greater and length of slope exceeds 25 feet. Avoid use where the detached water may back into travel lanes or off the right of way.
3. Do not construct silt fences across permanent flowing watercourses. Silt fences are to be of upland locations and durability barriers used at permanent bodies of water.
4. Where used as slope protection, Silt Fence is to be constructed on 0% longitudinal grade to avoid channelizing runoff along the length of the fence.
5. Silt Fence to be paid for under the contract unit price for Staked Silt Fence, 1 LF.

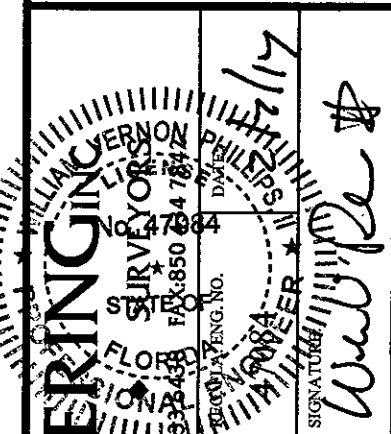
TEMPORARY EROSION AND SEDIMENT CONTROL

F.D.O.T. INDEX #102, SHEET 3 OF 3
NOT TO SCALE



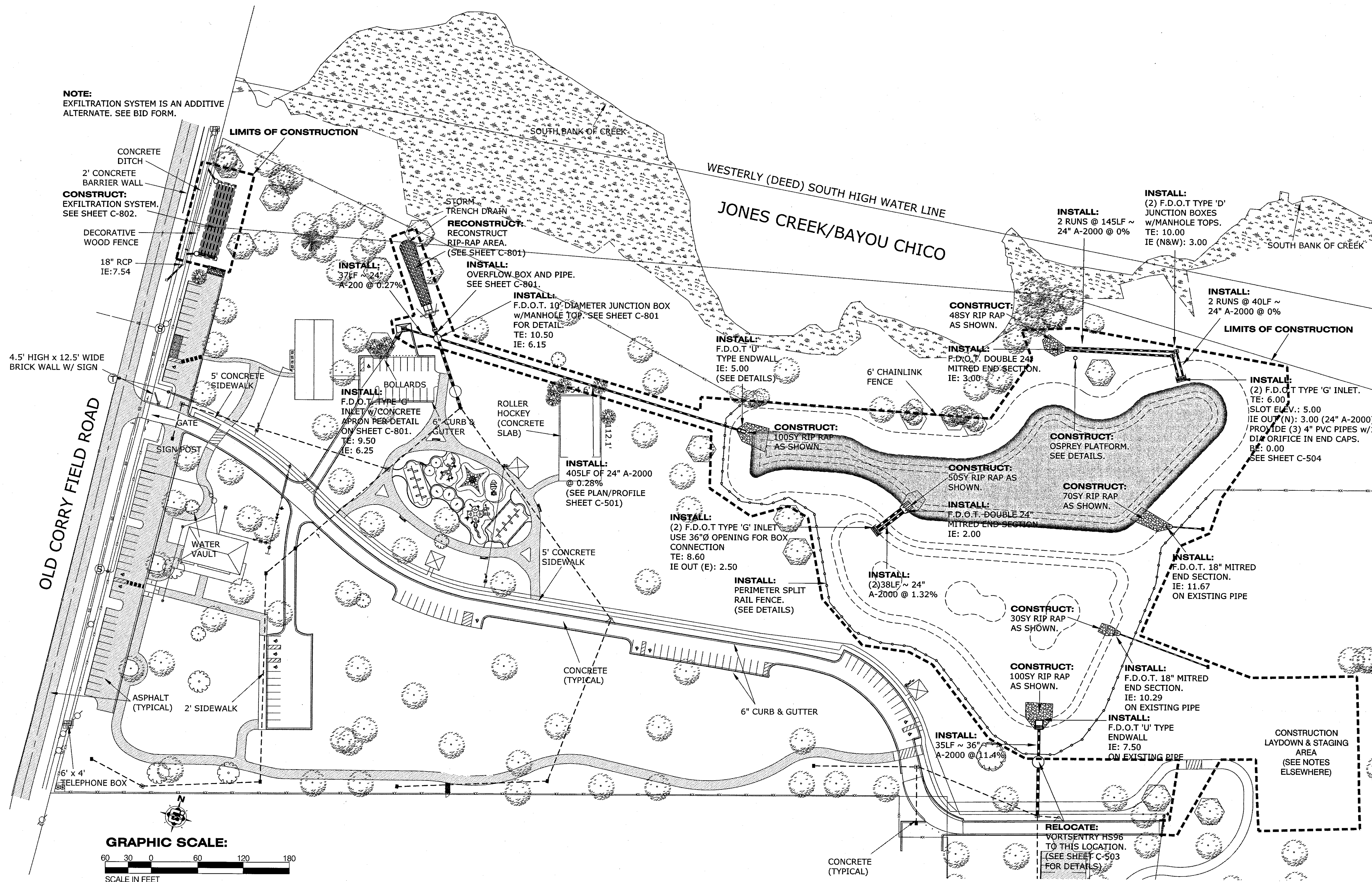
FABRE ENGINEERING, INC.		PLANNERS		DESIGNED BY: W.V. PHILLIPS		CHECKED BY: D. LONG		DATE: 11-11-11		PROJECT MANAGER: M. MORTARA		DISTRICT: 2		SHEET: 05 OF 17	
119 GREGORY SQUARE, PENSACOLA, FLORIDA 32502		TELEPHONE: 904-850-8474		FAX: 904-850-8474		E-MAIL: info@fabre-engineering.com		WWW: www.fabre-engineering.com		PROJECT: 100116		SURVEY: 050003-02		SHEET: 05 OF 17	
DRAWN BY: E. DORMAN		DATE: 11-11-11		PROJECT: 100116		SURVEY: 050003-02		SHEET: 05 OF 17		PROJECT: 100116		SURVEY: 050003-02		SHEET: 05 OF 17	
APPROVED BY:		DATE:		REVISIONS:		NUMBER:		DRAWING NUMBER: C-103		PROJECT NUMBER: 100116		SURVEY NUMBER: 050003-02		SHEET: 05 OF 17	

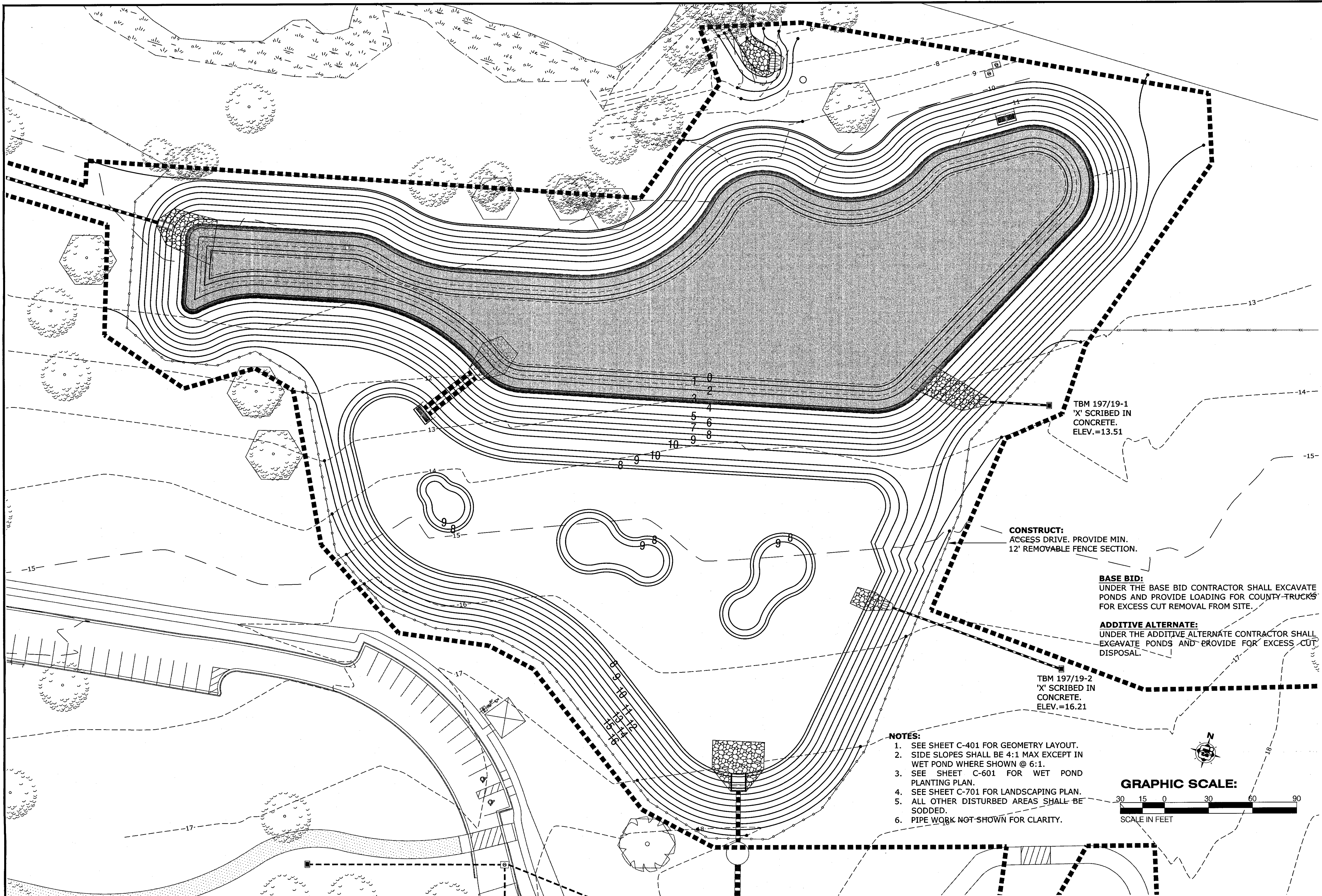
SITE PLAN



 GRECO ENGINEERS ♦ PLANNERS 11119 GREGORY SQUARE PENSACOLA, FLORIDA 32502 TEL-850-437-1119	
DESIGNED BY:	CHECKED BY:
W. V. PHILLIPS	D. LONG
PROJECT MANAGER:	DISTRICT:
M. MORTARA	2
SECTION/TOWNSHIP/RANGE	
50° 2' S / 30° W	
SHEET / PAGES	
48 / 71-74	

					APPROVED BY
DRAWING NUMBER	C-201				
PROJECT NUMBER	I00116				
SURVEY NUMBER	0500003-02				
SHEET	06 OF 17				





TBM 197/19-1
'X' SCRIBED IN
CONCRETE.
ELEV.=13.51

CONSTRUCT:
ACCESS DRIVE. PROVIDE MIN.
12' REMOVABLE FENCE SECTION.

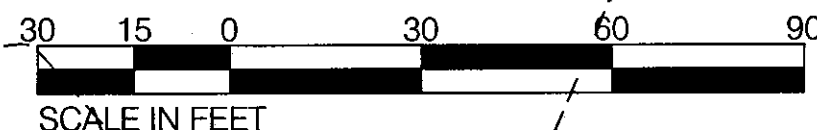
BASE BID:
UNDER THE BASE BID CONTRACTOR SHALL EXCAVATE
PONDS AND PROVIDE LOADING FOR COUNTY TRUCKS
FOR EXCESS CUT REMOVAL FROM SITE.

ADDITIVE ALTERNATE:
UNDER THE ADDITIVE ALTERNATE CONTRACTOR SHALL
EXCAVATE PONDS AND PROVIDE FOR EXCESS CUT
DISPOSAL.

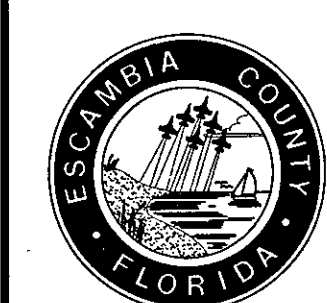
TBM 197/19-2
'X' SCRIBED IN
CONCRETE.
ELEV.=16.21

- NOTES:**
1. SEE SHEET C-401 FOR GEOMETRY LAYOUT.
 2. SIDE SLOPES SHALL BE 4:1 MAX EXCEPT IN
WET POND WHERE SHOWN @ 6:1.
 3. SEE SHEET C-601 FOR WET POND
PLANTING PLAN.
 4. SEE SHEET C-701 FOR LANDSCAPING PLAN.
 5. ALL OTHER DISTURBED AREAS SHALL BE
SODDED.
 6. PIPE WORK NOT SHOWN FOR CLARITY.

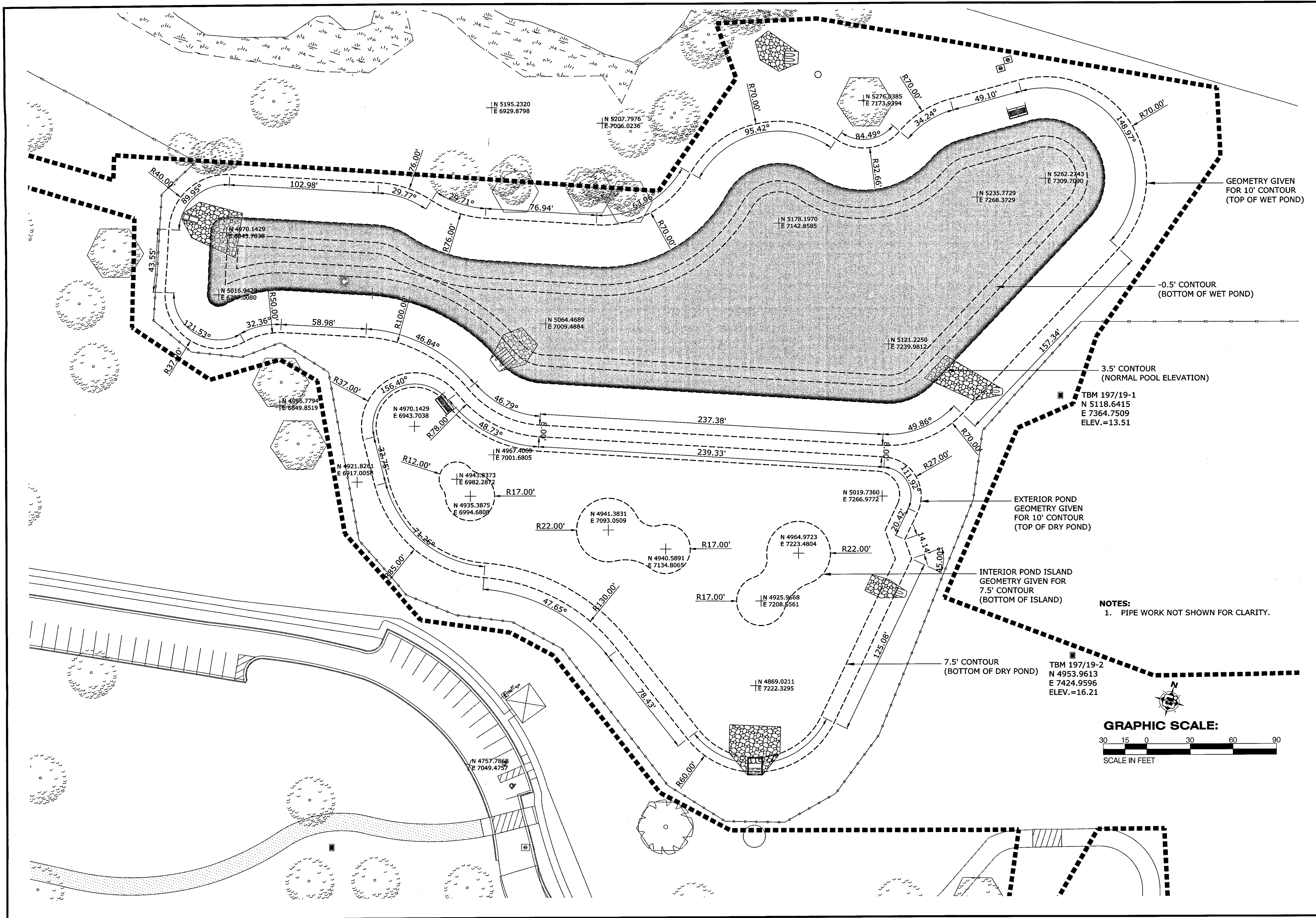
GRAPHIC SCALE:



THE LEXINGTON TERRACE PARK
STORMWATER RETROFIT
SITE GRADING PLAN



FABRE ENGINEERING INC.	PLANNERS	DESIGNED BY:	W.V. PHILLIPS	CHECKED BY:	D. LONG	DISTRICT:	2
	ENGINEERS	119 GREGORY SQUARE, PENSACOLA, FLORIDA 32502 TEL: 850-434-7822 FAX: 850-434-7822	PROJECT MANAGER:	M. MORTARA	SECTION:	STORMWATER RETROFIT	
DRAWN BY:		E. DORMAN	DATE:	11-11-11	SHEET 07 OF 17		
PROJECT NUMBER		C-301					
SURVEY NUMBER		100116					
SURVEY NUMBER		050003-02					

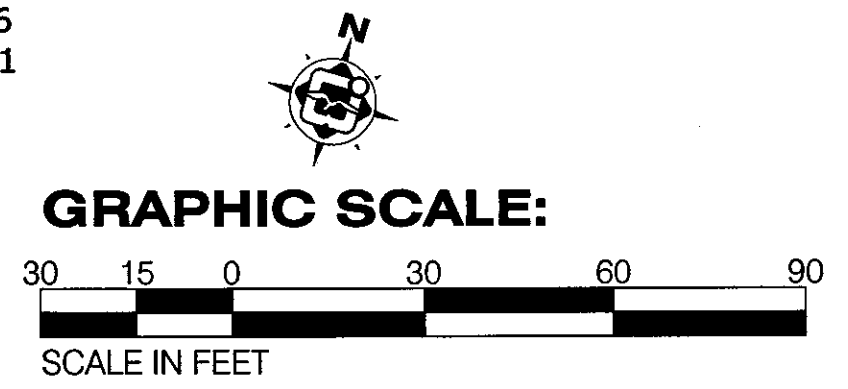


THE LEXINGTON TERRACE PARK
STORMWATER RETROFIT
POND GEOMETRY PLAN



FABRE ENGINEERING, INC.		ENGINEERS & PLANNERS		119 GREGORY SQUARE, PENSACOLA, FLORIDA 32502		TEL: 904.434.4444		FAX: 904.434.4444	
DRAWN BY:		E. DORMAN		CHECKED BY:		D. LONG		DATE:	
PROJECT NUMBER:		100116		PROJECT MANAGER:		M. MORTARA		DISTRICT:	
SURVEY NUMBER:		050003-02		SECTION/TOWNSHIP/RANGE:		201/25/30-N		SHEET:	
SHEET:		08		OF		17			

NOTES:
1. PIPE WORK NOT SHOWN FOR CLARITY.



INSTALL: _____
2 RUNS @ 40LF ~
24" A-2000 @ 0%

INSTALL: _____
2 RUNS @ 40LF ~
24" A-2000 @ 0%

INSTALL:
(2) F.D.O.T TYPE "D"
JUNCTION BOXES
w/MANHOLE TOPS.
E: 10.00
E (N&W): 3.00

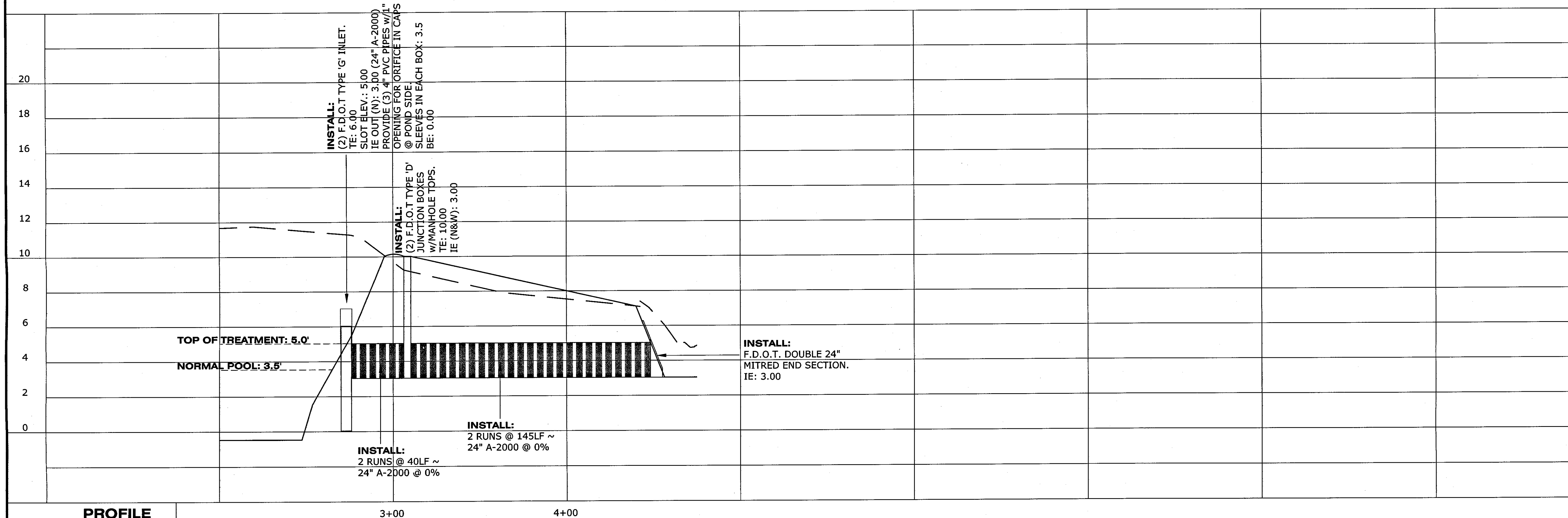
INSTALL:
2 RUNS @ 145LF ~
24" A-2000 @ 0%

INSTALL F.D.O.T. DOUBLE 24" MITRED END SECTION

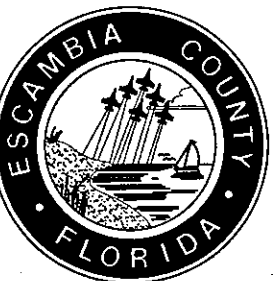


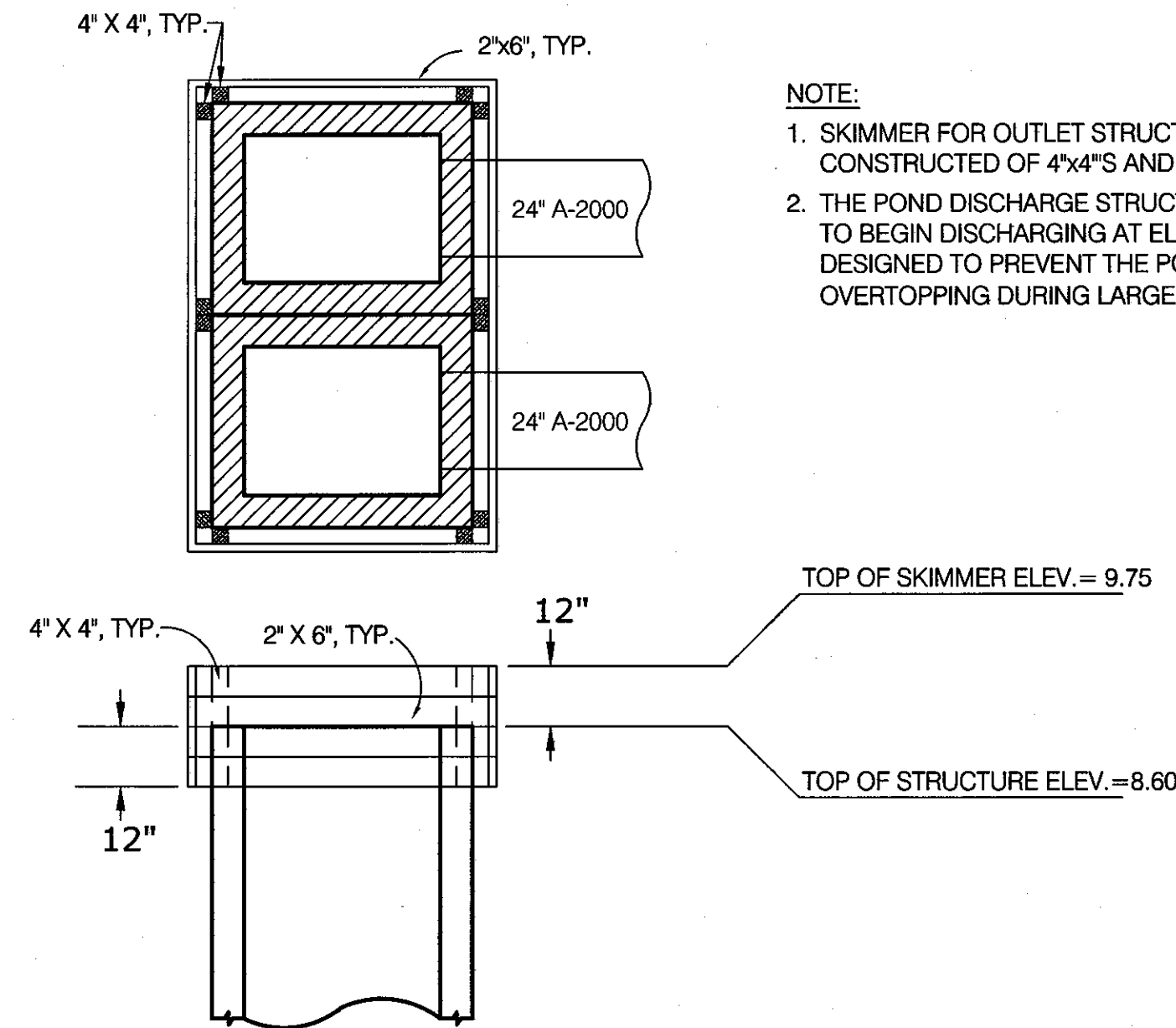
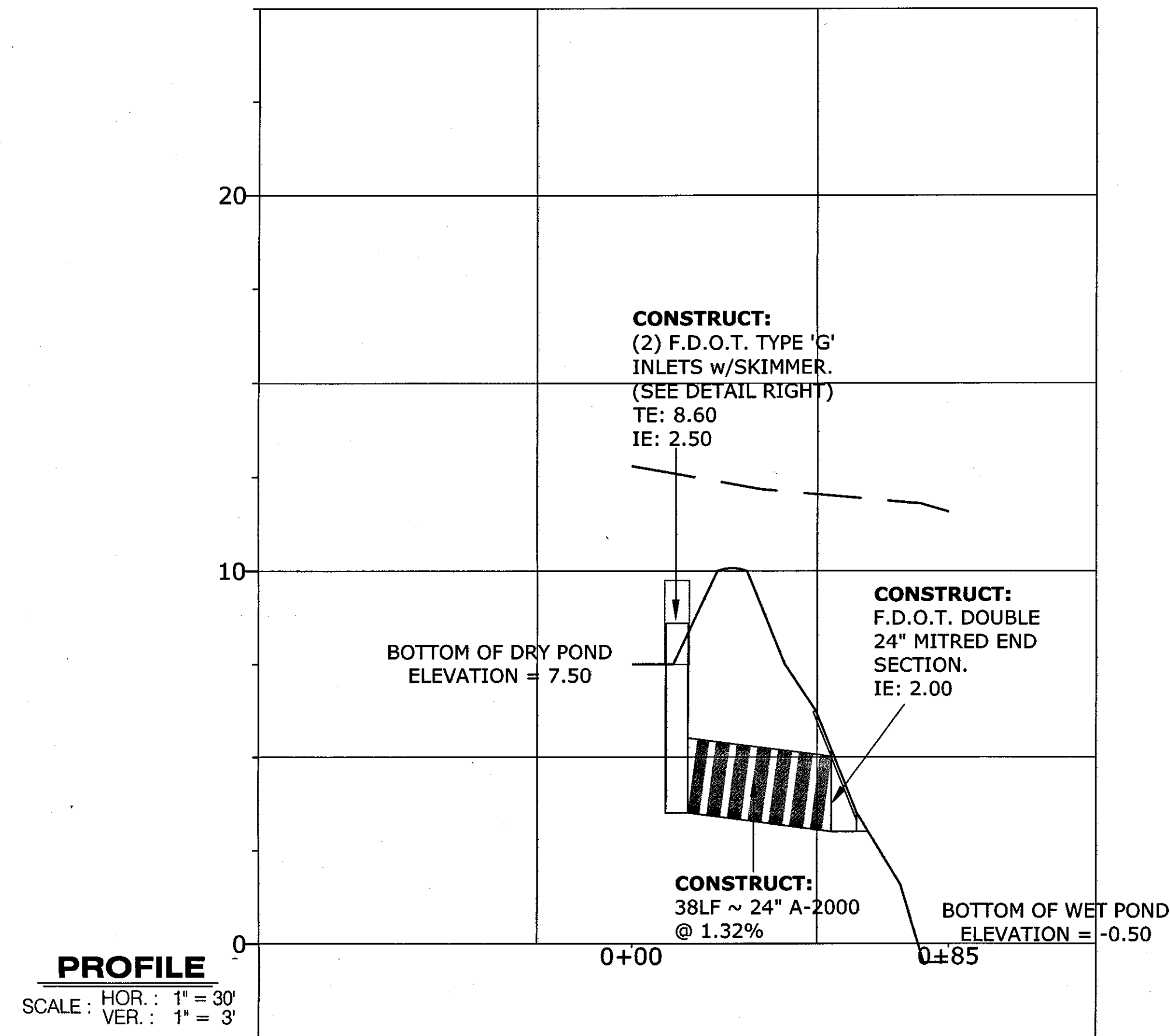
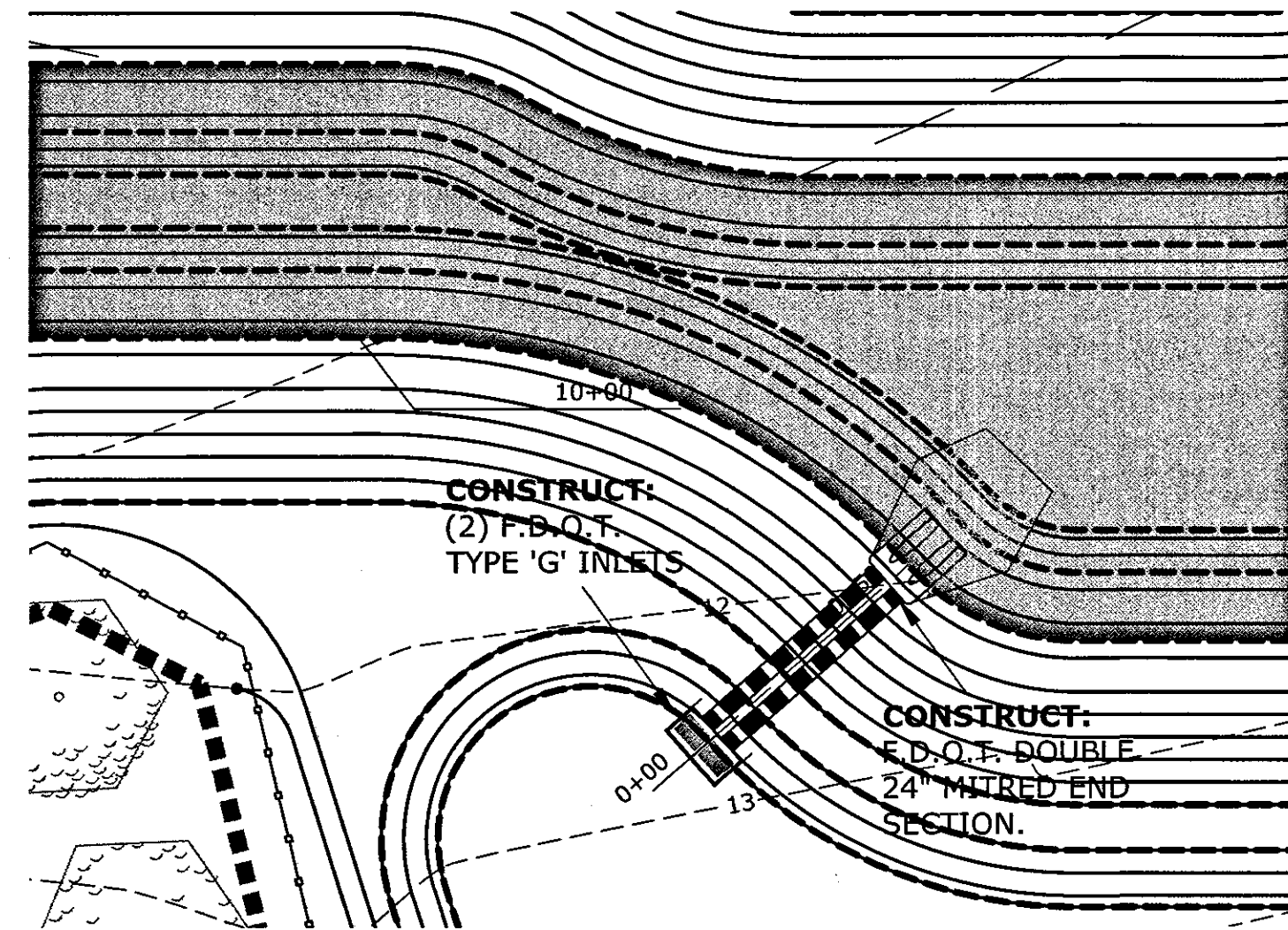
30 15 0 30 60 90

SCALE IN FEET

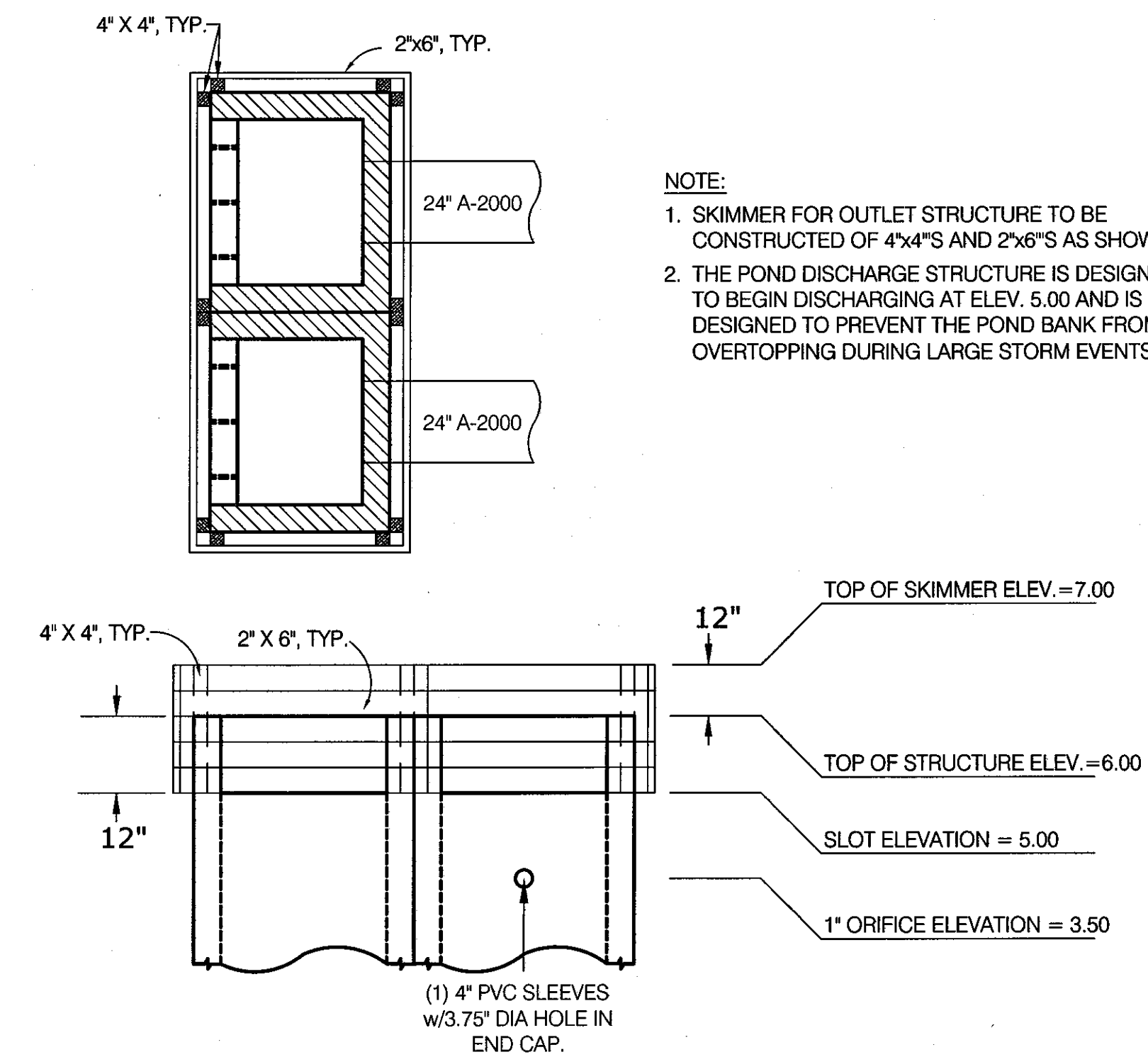


SCALE: HOR.: 1" = 30'
VER.: 1" = 3'

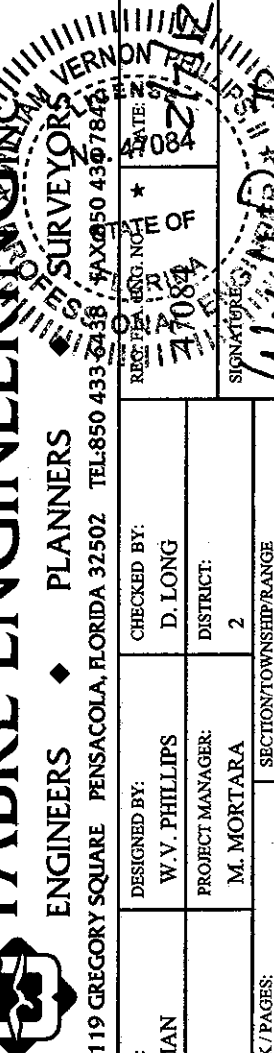
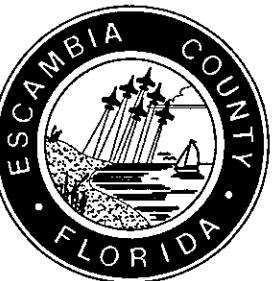




**DRY POND
OVERFLOW & SKIMMER DETAIL**
NOT TO SCALE



**WET POND
ORIFICE & SKIMMER DETAIL**
NOT TO SCALE



DESIGNED BY: E. DORRAN	CHECKED BY: W. T. PHILLIPS	DATE: 11/11/18	PROJECT MANAGER: MR. MOFFETT	DISTRICT: 50/25/70W
DRAWING NUMBER C-504	PROJECT NUMBER 100116	SURVEY NUMBER 050003-02	SHEET 12	OF 17

- PLANT AND NURSERY SPECIFICATIONS

A. THE PLANTING CONTRACTOR SHALL PROVIDE NATIVE FLORIDA NURSERY GROWN STOCK SUPPLIED BY A FLORIDA NATIVE PLANT SUPPLIER OR IF BARE ROOT MATERIAL IS SELECTED IT WILL BE COLLECTED FROM A STATE APPROVED COLLECTION SITE.

B. PLANT MATERIAL SHALL BE CONTAINER GROWN OR BARE ROOT STOCK. IF THE PLANT MATERIALS ARE BARE ROOT, THE PLANT MATERIAL (PARTICULARLY THE ROOT SYSTEM) SHALL BE KEPT SUFFICIENTLY MOIST AND THOROUGHLY WRAPPED IN CLOTH, BURLAP OR NEWSPAPER FROM THE TIME THE PLANTS ARE HARVESTED FROM THE NURSERY UNTIL THE TIME THE PLANTS ARE TRANSPORTED TO THE PROJECT SITE AND REPLANTED.
2. DELIVERY, STORAGE AND HANDLING

A. THE PLANTING CONTRACTOR IS RESPONSIBLE FOR DELIVERY OF PLANT MATERIALS TO THE PROJECT SITE. MATERIALS SHALL BE PROTECTED FROM DETERIORATION DURING DELIVERY FROM THE NURSERY AND DURING STORAGE ON THE PROJECT SITE PRIOR TO INSTALLATION.

B. PLANTS SHOULD BE INSTALLED IMMEDIATELY FOLLOWING DELIVERY TO THE PROJECT SITE. IF PLANTING IS DELAYED FOR MORE THAN THREE (3) HOURS AFTER DELIVERY TO THE PROJECT SITE, PLANTINGS ARE TO BE PLACED IN THE SHADE AND PROTECTED FROM ADVERSE WEATHER AND MECHANICAL DAMAGE. ROOTS ARE TO BE KEPT MOIST BY COVERING WITH BURLAP, MULCH, OR OTHER ACCEPTABLE MEANS OF RETAINING MOISTURE.

C. CONTAINER GROWN STOCK SHALL NOT BE REMOVED FROM CONTAINERS UNTIL PLANTING TIME.
3. TEMPORARY ENVIRONMENTAL CONTROLS

A. THE PLANTING CONTRACTOR SHALL KEEP THE PROJECT SITE CLEAN AND FREE OF ACCUMULATED SURPLUS AND DISCARDED PLANT MATERIAL DURING THE PROGRESS OF PLANTING.
4. SUCCESS CRITERIA AND NUISANCE/EXOTIC SPECIES REMOVAL

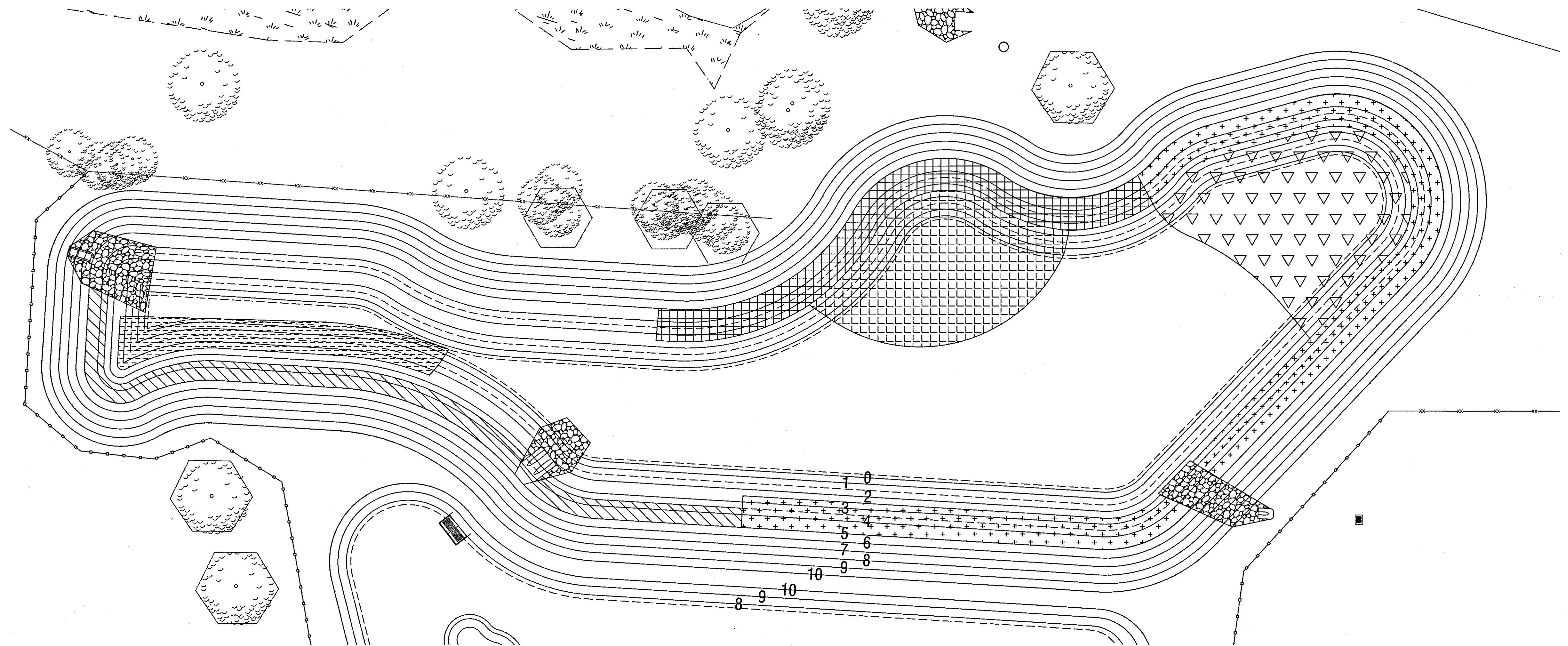
A. THE CONTRACTOR SHALL PHASE HIS CONSTRUCTION OPERATIONS SO THAT AREAS THAT REQUIRE PLANTING WILL BE READY FOR INSTALLATION OF PLANTS AS EARLY AS POSSIBLE IN THE FIRST OPTIMUM PLANTING SEASON. PLANTING WILL COMMENCE IMMEDIATELY UPON COMPLETION AND UPON APPROVAL OF THE PRE-PLANTING GRADING OF THE AREA BY THE PLANTING CONTRACTOR AND THE PROJECT ENGINEER.

B. PLANT MATERIAL SHALL BE INSTALLED WITHIN 24 HOURS AFTER DELIVERY TO THE SITE. IF NECESSARY, PLANT MATERIAL CAN BE TEMPORARILY STORED ON SITE, BUT ALL PLANT MATERIALS SHALL BE KEPT WATERED AND SHADED.

C. A MINIMUM SURVIVORSHIP AND NUISANCE/EXOTIC SPECIES REMOVAL IS REQUIRED PER THE NFWFWD PERMIT. ADDITIONALLY, CONTRACTOR SHALL GUARANTEE 80% SURVIVABILITY FOR 2 YEARS.

D. THE CONTRACTOR SHALL ASSURE THAT ALL WORKMEN EMPLOYED BY HIM ARE COMPETENT, CAREFUL, RELIABLE, AND MUST HAVE SUFFICIENT SKILL AND EXPERIENCE TO PROPERLY PERFORM THE WORK ASSIGNED TO THEM. ALL WORKMEN ASSIGNED TO MITIGATION WORK, SUCH AS OBTAINING DESIGN ELEVATIONS, INSTALLING PLANT MATERIAL ACCORDING TO DESIGN, AND IDENTIFYING NUISANCE/EXOTIC VEGETATION, SHALL HAVE HAD SUFFICIENT EXPERIENCE AND LICENSURE (WHERE APPLICABLE) IN SUCH WORK TO PERFORM IT PROPERLY AND SATISFACTORILY, AND TO OPERATE EQUIPMENT INVOLVED, AND SHALL MAKE DUE AND PROPER EFFORT TO EXECUTE THE WORK IN THE MANNER PRESCRIBED IN THE SPECIFICATIONS, OR THE ENVIRONMENTAL PERMITS.
5. SODDING/GRASSING

A. ALL POND SLOPES NOT OTHERWISE PLANTED, SHALL BE SODDED.
6. SEE SHEET C-701 FOR TREE PLANTING NOTES.



(NORMAL POND ELEVATION = 3.5)

PLANT	ZONE	ELEVATION
= CN	2	2.5 - 4.0
= SA	2	2.5 - 4.0
= CJ	1-2	2.5 ↑
= NL	3-4	(-1.5) - 2.5
= NM	3-4	(-1.5) - 2.5
= NO	4	(-1.5) - 0.5

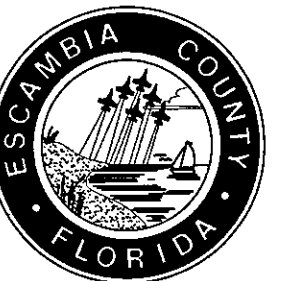
WETLAND PLANTS					MIN. PLANTS
CJ	CLADIUM JAMAICENSE	SAW-GRASS	PLUGS	PLANT 18" O.C.	3515
CN	COREOPSIS NUDATA	TICKSEED	PLUGS	PLANT 18" O.C.	1680
NL	NEBUNBO LUTEA	AMERICAN LOTUS	PLUGS	PLANT 25" O.C.	280
NM	NUPHAR LUTEUM	SPATTERDOCK	PLUGS	PLANT 18" O.C.	2520
NO	NYMPHAEA ODORATA	FRAGRANT WATER LILY	PLUGS	PLANT 25" O.C., CLUSTERS OF 3 TO 5	93 CLUSTERS
SA	SPARTINA ALTERNAFORMA	SMOOTH CORDGRASS	*	PLANT 18" O.C.	1460

GRAPHIC SCALE:



30 15 0 30 60 90

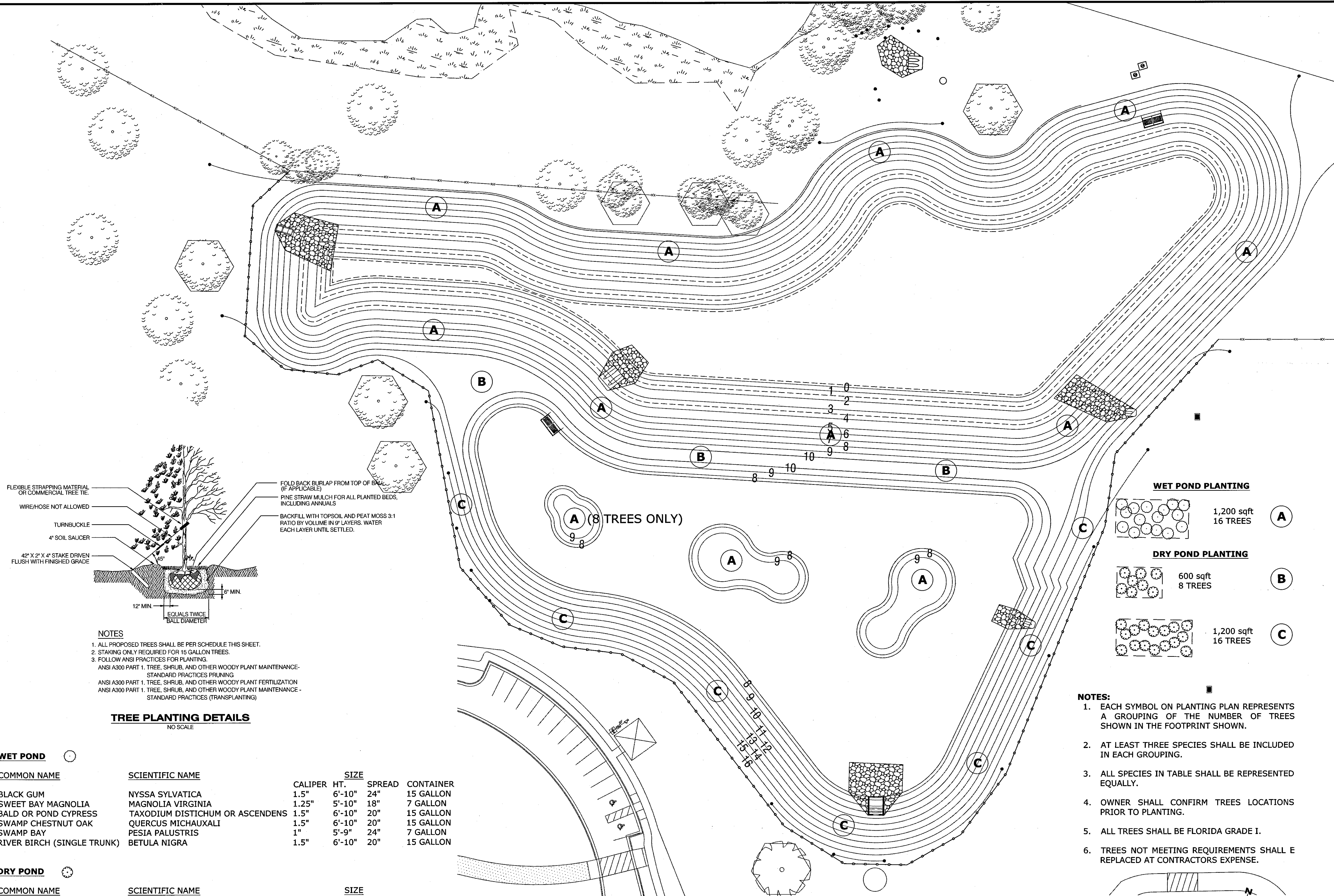
SCALE IN FEET



SHEET	13	OF	17	SURVEY NUMBER	0500003-02	PROJECT NUMBER	100116	DRAWING NUMBER	C-601	NUMBER	REVISIONS	DATE	APPROVED BY				
														FABRE ENGINEERING, INC. ENGINEERS ♦ PLANNERS 119 GREGORY SQUARE PENSACOLA, FLORIDA 32502 TEL: 904-433-8811 FAX: 904-433-8812			
DRAWN BY: E. DORMAN CHECKED BY: D. LONG PROJECT NO.: 11-11-11 CONTRACT NO.: 2 DESIGNER: M. MORFAS																	
FIELD BOOK, PAGES: 128/14-15 & 71-74 SECTION TOWNSHIP RANGE: 50 / 2-S / 50-W																	

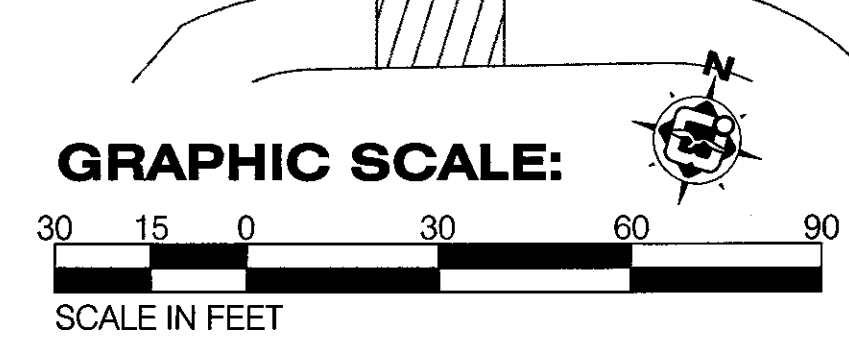
 FABRE ENGINEERING ENGINEERS ♦ PLANNERS		119 GREGORY SQUARE • PENSACOLA, FLORIDA 32502 • TEL. 981-2721	
DESIGNED BY:	W.V. PHILLIPS	CHECKED BY:	W.V. PHILLIPS
PROJECT MANAGER:	M. MORTARA	DISTRICT:	D. LONG
DATE: 8/12/54		SCALE: 1/8" = 1'-0"	

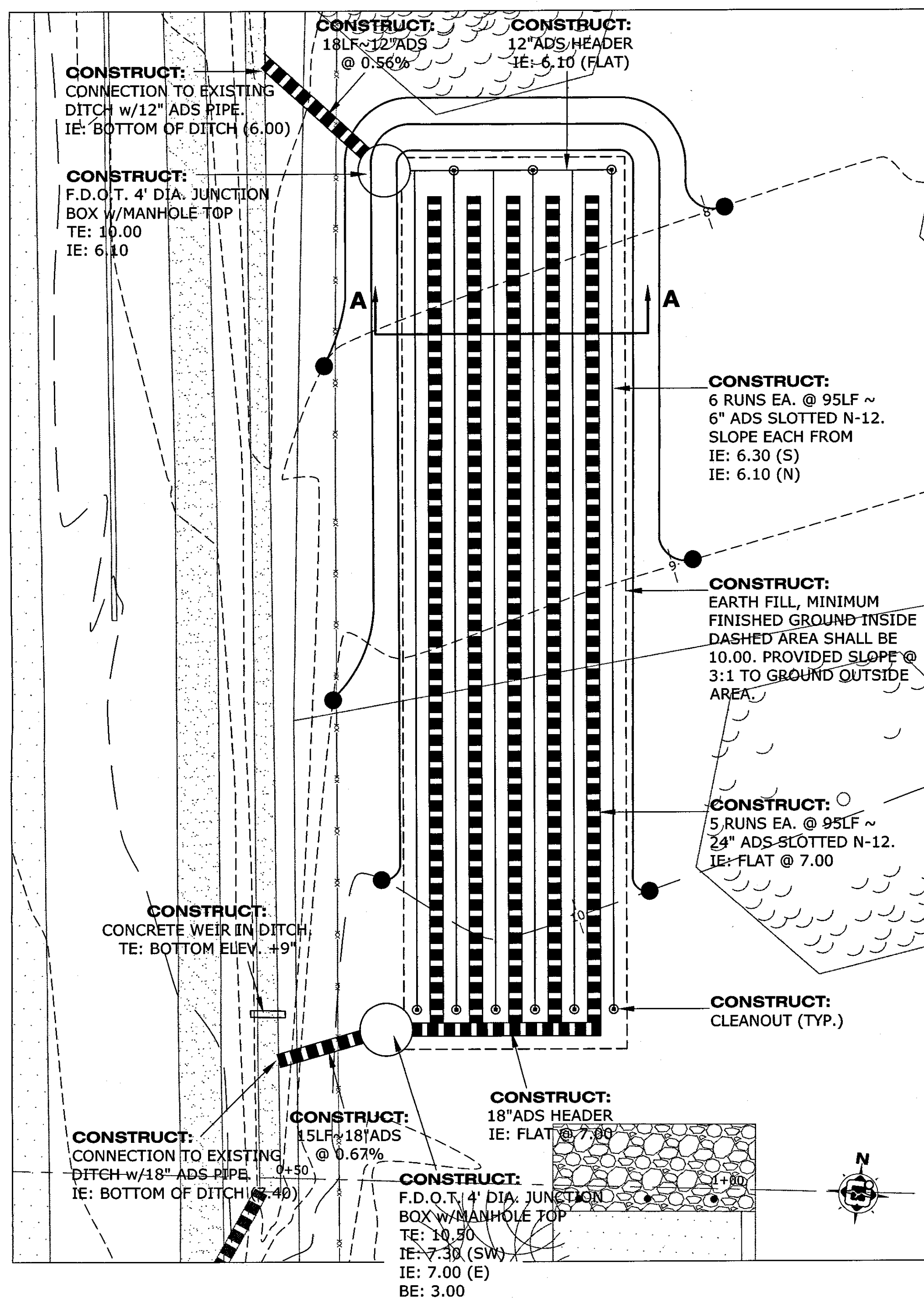
APPROVED BY	DATE	REVISIONS	NUMBER
DRAWING NUMBER C-701			
PROJECT NUMBER 100116			
SURVEY NUMBER 050003-02			
SHEET 14 OF 17			



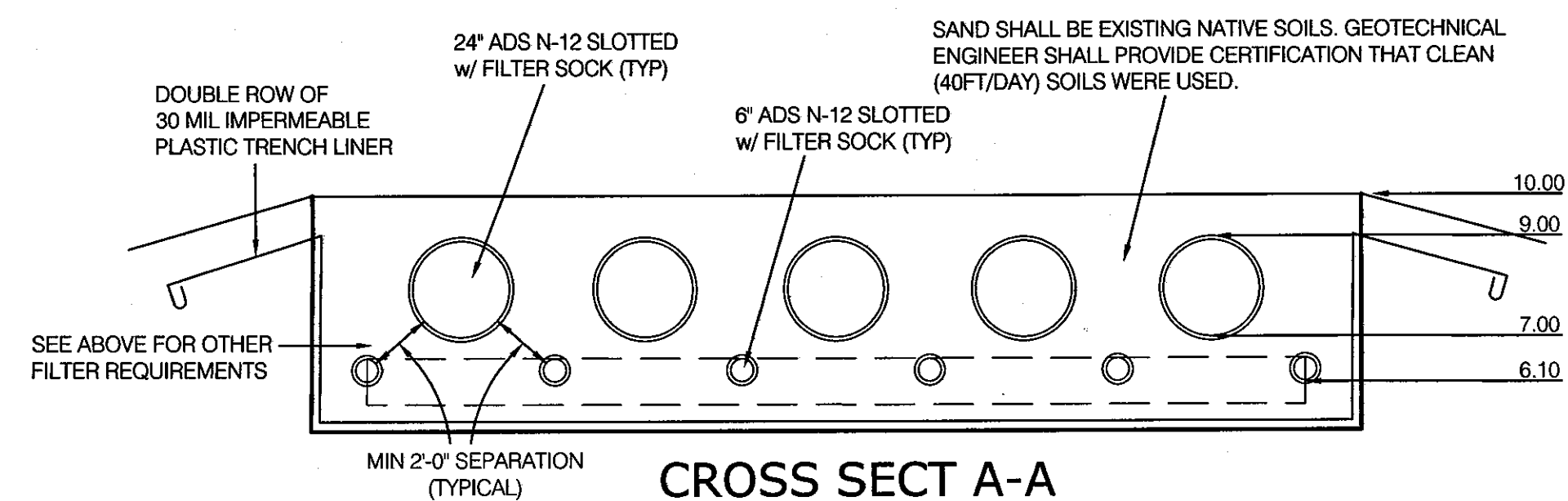
NOTES:

1. EACH SYMBOL ON PLANTING PLAN REPRESENTS A GROUPING OF THE NUMBER OF TREES SHOWN IN THE FOOTPRINT SHOWN.
2. AT LEAST THREE SPECIES SHALL BE INCLUDED IN EACH GROUPING.
3. ALL SPECIES IN TABLE SHALL BE REPRESENTED EQUALLY.
4. OWNER SHALL CONFIRM TREES LOCATIONS PRIOR TO PLANTING.
5. ALL TREES SHALL BE FLORIDA GRADE I.
6. TREES NOT MEETING REQUIREMENTS SHALL BE REPLACED AT CONTRACTORS EXPENSE.

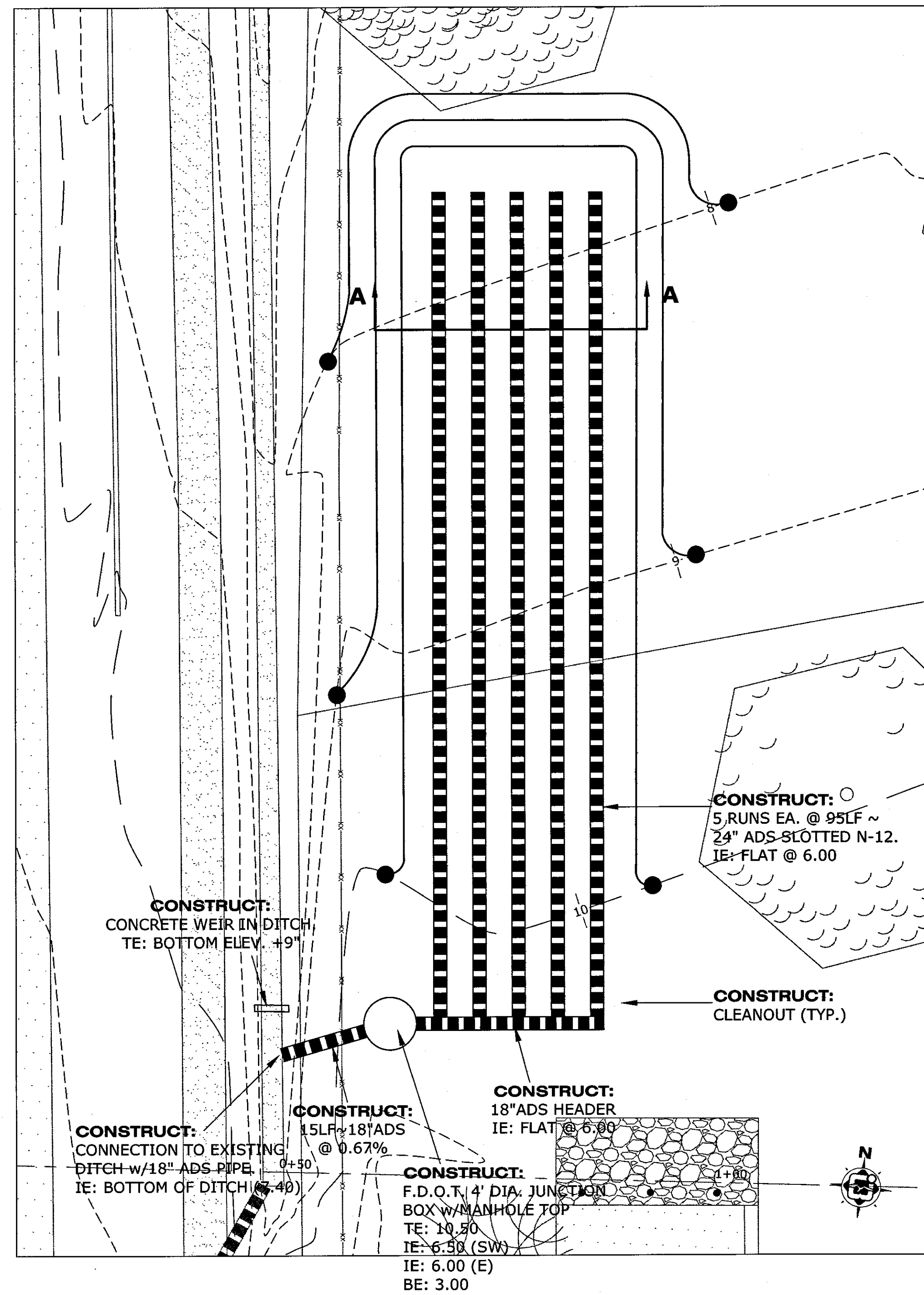




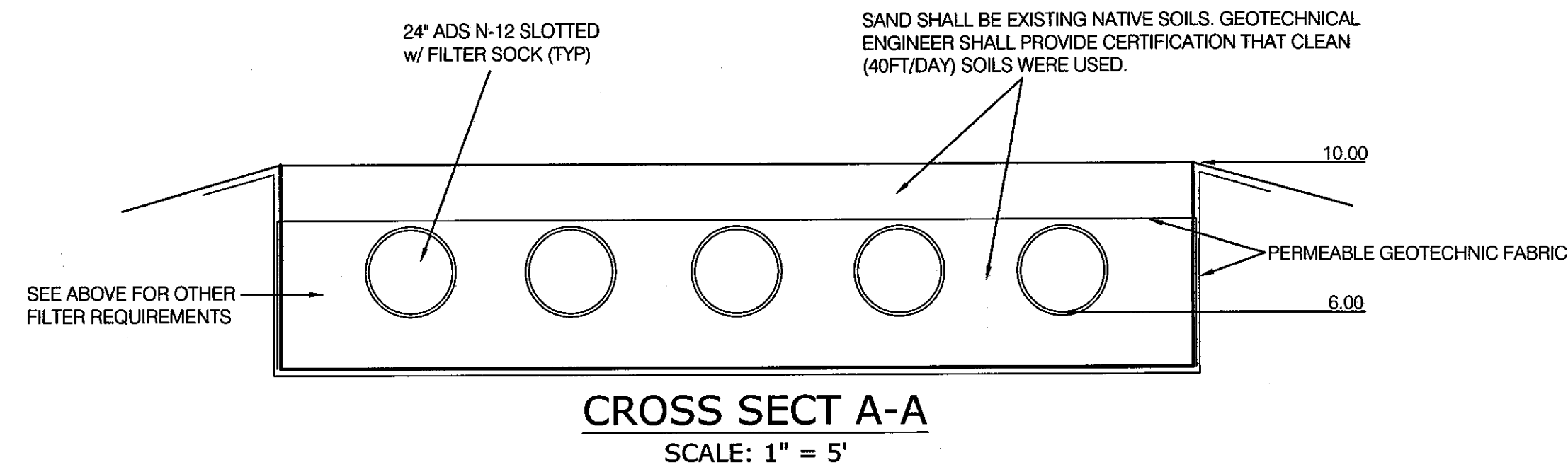
CONCRETE SWALE CONNECTION DETAIL



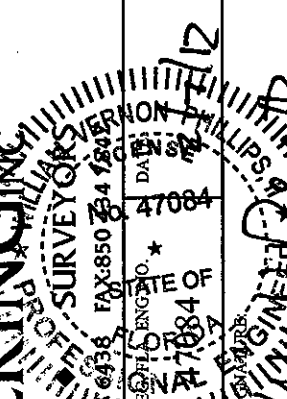
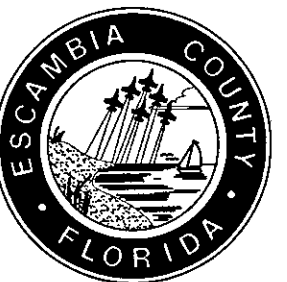
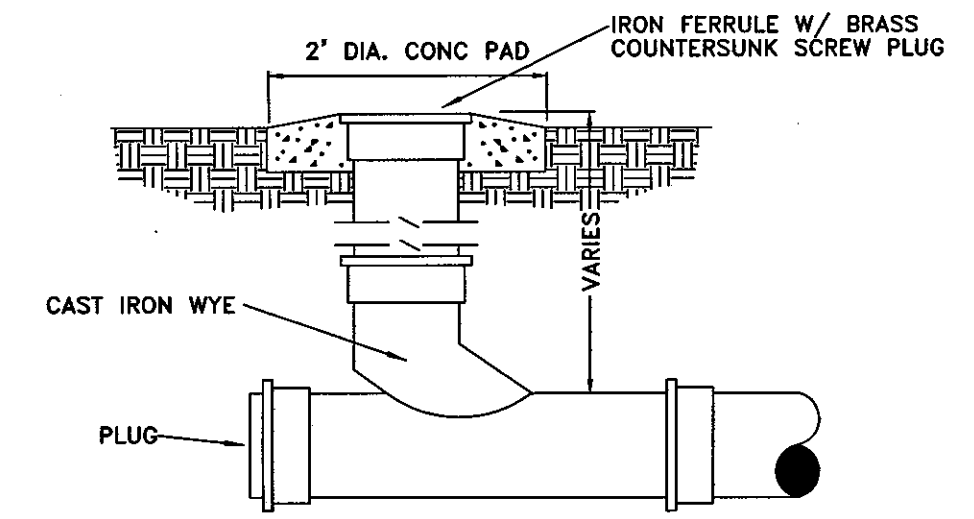
UNDERGROUND DETENTION SYSTEM w/UNDERDRAIN



**UNDERGROUND DETENTION
SYSTEM w/o UNDERDRAIN**
SCALE: 1" = 10'



UNDERGROUND DETENTION SYSTEM

[illegible]

