10. EROSION CONTROL ITEMS ARE ESTIMATED FOR PREVENTION, CONTROL, ABATEMENT OF EROSION, SEDIMENTATION, AND WATER POLLUTION. THESE ITEMS ARE TO BE USED AT LOCATIONS DESCRIBED IN THE APPROVED
PROJECT CONSTRUCTION SCHEDULE.

11. A STORMWATER CONTROL OFFICER WILL BE DESIGNATED IN WRITING BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. A 24-HOUR CONTACT NUMBER IS REQUIRED FOR THE STORMWATER CONTROL
OFFICER. PRIOR TO THE COMMENCEMENT OF ANY PHASE CONSTRUCTION ACTIVITIES, AN INSPECTION REPORT SHOULD BE SUBMITTED TO THE LEON COUNTY PUBLIC WORKS AND DEVELOPMENT SUPPORT & ENVIRONMENTAL MANAGEMENT DEPARTMENT. THE REPORT
MUST INCLUDE INFORMATION SUCH AS NAME OF STORMWATER CONTROL OFFICER, 24-HOUR CONTACT NUMBER, ADDRESS, PHONE NUMBER, AND EMAIL ADDRESS.

12. CROSS DRAIN END SECTION PROTECTION WILL BE USED THROUGHOUT THE PROJECT WHEREVER THERE ARE EXISTING CROSS DRAINS.


14. THE HEIGHT OF SILT FENCE SHALL NOT EXCEED 36 IN.


16. TEMPOrary erosion and sediment control devices shall be placed adjacent to any waterway or drainage feature prior to construction and remain in place until construction of the project is completed. Exemptions include temporary work areas and staging areas that are designed for temporary use only. The installation and maintenance of erosion control devices shall be the responsibility of the contractor. Erosion control technology shall include measures to prevent erosion, erosion control devices, and erosion control measures.

17. DUST CONTROL TECHNIQUES SHALL BE USED DURING DEMOLITION WHERE LARGE AMOUNTS OF DUST ARE GENERATED. IF WATER OR SLURRY IS USED TO CONTROL DUST, IT SHALL BE RETAINED ON THE SITE AND NOT ALLOWED TO ENTER THE STORMWATER CONVEYANCE OR COLLECTION SYSTEM.

18. DUMP TRUCKS, CONCRETE TRUCKS AND OTHER CONSTRUCTION EQUIPMENT SHALL NOT BE WASHED AT LOCATIONS WHERE RUNOFF WILL FLOW DIRECTLY INTO THE STORMWATER CONVEYANCE SYSTEM. AN AREA SHALL BE PROVIDED TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF-SITE, INTO THE STORMWATER CONVEYANCE OR COLLECTION SYSTEM. IF WASHING IS USED, PROVISIONS SHALL BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF-SITE, INTO THE STORMWATER CONVEYANCE OR COLLECTION SYSTEM.

19. THE project WILL BE CONSTRUCTED IN MULTIPLE PHASES (ILLUSTRATED ON SHEET G-104); AND DRAINAGE IMPROVEMENTS TO THE WEST SUMP AND PROVIDE FOR SUBSTANTIALLY COMPLETION AND THE OPENING OF MERIDIAN ROAD ON AUGUST 6, 2020.

20.编程的工具和方法是根据可接受的标准。然而，由于算法和方法在实施时可能受到不同的影响，因此可能产生偏差。这种差异是普遍存在的，而不仅仅受语言的影响。编程的工具和方法也可能会因为不同语言的影响而不同。因此，所有语言的偏差必须通过改进和优化来解决。
1. PRIOR TO LAYING SOD, THE SOIL SURFACE SHALL BE CLEAR OF TRASH, DEBRIS, ROOTS, BRANCHES, STONES, AND CLODS IN EXCESS OF 2 IN. IN LENGTH OR DIAMETER. SOD SHALL NOT BE APPLIED TO GRAVEL OR OTHER 
RATES SHALL BE CONTROLLED TO PREVENT RUNOFF.

2. SOIL TESTS SHALL BE MADE TO DETERMINE THE EXACT REQUIREMENTS FOR LIME AND FERTILIZER. THESE AMENDMENTS SHALL BE SPREAD EVENLY OVER THE AREA TO BE SODDED AND INCORPORATED INTO THE TOP 3 
THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE.

3. REQUIRED TREE BARRICADES MUST REMAIN INTACT THROUGHOUT CONSTRUCTION, ENCROACHMENT INTO OR FAILURE TO MAINTAIN TREE BARRICADES WILL RESULT IN ENFORCEMENT ACTION.

4. JUNE-AUGUST PLANTING: MIX 50% RYE GRAIN AND 60% WINTER WHEAT AT A RATE OF 10 POUNDS PER 1000 SF.

5. ALL WORK ASSOCIATED WITH TREE PRESERVATION ACTIVITIES ON THE SITE AND FOR THE DURATION OF THE PROJECT SHALL INCLUDE SAFETY STANDARDS AS OUTLINED IN ANSI Z133.

6. ALL FINES AND MITIGATION ASSOCIATED WITH ANY VIOLATION NOT ADHERING TO THE TREE PROTECTION PLAN AS INDICATED IN THE LEON COUNTY ENVIRONMENTAL MANAGEMENT PERMIT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

7. FOR FULL ROAD CLOSURES EQUAL TO OR GREATER THAN 24 HOURS, A ROAD CLOSURE APPLICATION MUST BE SUBMITTED TO LEON COUNTY PUBLIC WORKS DEPARTMENT FOR REVIEW AND APPROVAL 21 CALENDAR DAYS PRIOR TO THE PROPOSED CLOSURE.

8. CHIPPING OF THE REMOVED INVASIVE SPECIES IS FORBIDDEN DUE TO THE PROPAGATION POTENTIAL FROM THE CHIPPED PRODUCT.

11. WHEN HYDROSEEDING, IF A MACHINERY BREAKDOWN OF 30 MINUTES TO 2 HOURS OCCURS, 50% MORE SEED SHALL BE ADDED TO THE TANK, BASED ON THE PROPORTION OF THE SLURRY REMAINING IN THE TANKS.

12. ALL WORKING WITHIN 10 FEET OF LEAD OR HISTORICALLY SIGNIFICANT MATERIALS SHALL BE CONDUCTED BY A CERTIFIED DESIGNATED REPRESENTATIVE OF THE OWNERSHIP GROUP.

13. NEW SEEDLINGS SHALL BE SUPPLIED WITH ADEQUATE MOISTURE. SUPPLY WATER AS NEEDED, ESPECIALLY LATE IN THE SEASON, IN ABNORMALLY HOT OR DRY WEATHER, OR ON ADVERSE SITES. WATER APPLICATION 
BEYOND 2 HOURS, A FULL RATE OF NEW SEED SHALL BE NECESSARY.

14. THE CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL OFFICER DURING ROADWAY CLOSURE OPERATIONS FOR THE FIRST 7 DAYS OF CLOSURE BETWEEN THE HOURS OF 6:00 AM AND 6:00 PM EST. THE COST TO FURNISH 
15. UNLESS OTHERWISE NOTED IN THE PLANS, THE EXISTING SPEED LIMITS ON ALL ROADWAYS SHALL BE MAINTAINED DURING CONSTRUCTION.

16. ACCESS TO THE GOODWILL DONATION STATION SHALL REMAIN OPEN DURING ROADWAY CLOSURES (PHASES C1 & C2).

17. NEIGHBORHOOD STREETS SHALL NOT BE UTILIZED AS HAUL ROUTES OR CONSTRUCTION TRAFFIC.

18. THE TRAFFIC AND TRAFFIC SHOP WILL NOT ACT ONCE A SOD ZONE IS CLEARED AND IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DISPOSE OF SUCH ITEMS OFF SITE.

19. MULCHING OF REMOVED INVASIVE SPECIES IS FORBIDDEN DUE TO THE PROPAGATION POTENTIAL FROM THE MULCHED PRODUCT.

20. THE MAINTENANCE OF TRAFFIC CONTROL MUST BE CERTIFIED BY A PROFESSIONAL ENGINEER AS REQUIRED IN THE STATE OR FEDERAL TOLLING REGULATIONS.

21. ACCESS TO THE PRECINCT PREPARATION PERMIT IS PRIOR TO EACH HOLIDAY, SPECIAL EVENT OR CIVIC PROJECT, TO ENSURE THAT THE TOTAL NUMBER OF HOURS DURING WHICH ACCESS IS GRANTED IS NOT IN EXCESS OF THE TOTAL HOURS PERMITTED UNDER THE PRECINCT PREPARATION PERMIT.
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**LEGEND**

- PHASE A
- PHASE B
- PHASE C

**Projects:***

- **Lexington Road Culvert and Swale Improvements (Phase B)**
- **Lexington Road Culvert and Swale Improvements (Phase B)**
- **West Sump Improvements (Phase B)**
- **East Sump Improvements (Phase A)**
- **Meridian Road Culvert & West Swale Improvements (Phase C2)**
- **North Meridian Cross Drainage Culvert Improvements (Phase C1)**
- **Water Main Replacement (Phase C2)**
- **Meridian Road Culvert & West Swale Improvements (Phase C2)**
- **John Hancock Road**
- **Cloverdale Drive**
- **Argonaut Drive**
- **Skate Drive**
- **Ivernia Loop**
- **Ivernia Loop**
- **John Hancock Road**
- **Merrimac Drive**
- **Merrimac Drive**
- **Cloyda Drive**
- **Audubon Drive**
- **Cr155 (North Meridian Road)**
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**Note:** The table above is a placeholder for actual data. The content of the table is not provided in the image.
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**NOTE:**

HIGH PRESSURE GAS MAINS ARE LOCATED WITHIN LIMITS OF CONSTRUCTION. VERIFY ALL UTILITIES NOTED FOR DEMOLITION HAVE BEEN SHUT OFF AND ABANDONED PRIOR TO ANY WORK. CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES. COORDINATE WITH LEON COUNTY AND UTILITY CONTACTS AND NOTIFY IMMEDIATELY OF ANY DISCREPANCY WITH UTILITY LOCATIONS. CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL DAMAGE TO UTILITIES CAUSED BY THEIR CONSTRUCTION ACTIVITIES.

CONTRACTOR SHALL PROVIDE A MAINTENANCE OF TRAFFIC PLAN FOR APPROVAL BY LEON COUNTY.

---

**LEGEND**

DEMOLITION NOTES:
1. CONTRACTOR SHALL COORDINATE UTILITY DEMOLITION WITH LEON COUNTY PUBLIC WORKS DEPARTMENT. VERIFY ALL UTILITIES NOTED FOR DEMOLITION HAVE BEEN SHUT OFF AND ABANDONED PRIOR TO ANY WORK.
2. CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES. COORDINATE WITH UTILITY CONTACTS AND NOTIFY IMMEDIATELY OF ANY DISCREPANCY WITH UTILITY LOCATIONS. CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL DAMAGE TO UTILITIES CAUSED BY THEIR CONSTRUCTION ACTIVITIES.
3. CONTRACTOR SHALL PROVIDE A MAINTENANCE OF TRAFFIC PLAN FOR APPROVAL BY LEON COUNTY.

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**BASELINE OF CONSTRUCTION NORTH MERIDIAN**

FOR HORIZONTAL CONTROL INFORMATION REFER TO PLAN SHEET C-201

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**END CONSTRUCTION**

STA. 28+22.64

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**BEGIN CONSTRUCTION**

STA. 26+95.75

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**DRAWING NO.**

215613796-C102-Demo

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**FILE NAME:**

215613796-C102-Demo.dwg

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**DATE:**

20.01.06

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**ISOSTECK:**

TALLAHASSEE, FL 32309

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**PROJECT NUMBER:**

215613796

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**PROJECT:**

LEON COUNTY PUBLIC WORKS DEPARTMENT

MERIDIAN ROAD DRAINAGE IMPROVEMENTS

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**FILE NAME:**

215613796-C102-Demo.dwg

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**DATE:**

20.01.06

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**ISSUED BY:**

Gerth, James

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**CONTRACTOR RESPONSIBILITY:**

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DEMOLITION NOTES:

1. CONTRACTOR SHALL COORDINATE UTILITY DEMOLITION WITH LEON COUNTY PUBLIC WORKS DEPARTMENT AND ADJACENT PROPERTY OWNERS. VERIFY ALL UTILITIES NOTED FOR DEMOLITION HAVE BEEN SHUT OFF AND ABANDONED PRIOR TO ANY WORK.

2. CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES. COORDINATE WITH LEON COUNTY AND UTILITY CONTACTS, AND NOTIFY IMMEDIATELY OF ANY DISCREPANCY WITH UTILITY LOCATIONS. CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL DAMAGE TO UTILITIES CAUSED BY CONSTRUCTION ACTIVITIES.

3. CONTRACTOR SHALL PROVIDE A MAINTENANCE OF TRAFFIC PLAN FOR APPROVAL BY LEON COUNTY. SEE SHEET C-102.

CANOPY ROAD TREE PROTECTION ZONE

EXISTING ROADWAY RIGHT OF WAY

BASELINE OF SURVEY

MATCHLINE (SHEET C-103)

BEGIN CONSTRUCTION STA. 21+36.33

END CONSTRUCTION STA. 22+07.00

CONTRACTOR SHALL PROVIDE PASSAGE OF STORMWATER RUNOFF / FLOW THROUGH THE SITE DURING CONSTRUCTION ACTIVITIES AND PROVIDE APPROPRIATE EROSION CONTROL MEASURES.

50' FGT GAS EASEMENT

TREE TO BE REMOVED EXISTING TREE MISSING OR DEAD AREA TO BE CLEARED EXISTING PAVEMENT TO BE REMOVED EXISTING TREE TO BE MITIGATED

REMOVE EXISTING 14"x23" ERCP (DUAL) REMOVE EXISTING 29"x45" ERCP REMOVE EXISTING CURB AND GUTTER REMOVE EXISTING PAVEMENT REMOVE EXISTING RETAINING WALL

BASELINE OF CONSTRUCTION "WB" (FOR HORIZONTAL CONTROL INFORMATION REFER PLAN SHEET TO C-206)

LEGEND

OSW

NOTICE:

HIGH PRESSURE GAS MAINS ARE LOCATED WITHIN LIMITS OF CONSTRUCTION.

Attachment I

Furthermore, the Contractor shall prepare a plan for the demolition and removal of existing paved surfaces and utilities as necessary for the construction of new infrastructure. Additionally, the Contractor shall ensure that all existing vegetation and trees are protected and mitigated as per the approved tree protection zones. Following the completion of the construction work, the Contractor shall provide a maintenance-of-traffic plan for the approval of Leon County. The plan shall outline the temporary detours and traffic management necessary to keep public access safe during the demolition and construction phases. The Contractor shall also coordinate utility demolition with Leon County Public Works and adjacent property owners to ensure the safe and proper disposal of existing utilities. This includes shutting off and abandoning all utilities noted for demolition prior to any work commencing.
MATCHLINE C-102

MATCHLINE C-103

REMARKS

CONSTRUCTION SHALL COORDINATE UTILITY DEMOLITION WITH LEON COUNTY PUBLIC WORKS DEPARTMENT. DETAILED UTILIZATION NOTES FOR DEMOLITION WORK ARE BUILT OFF AND ABANDONED PRIOR TO ANY WORK.

CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.

NOTE: CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL DAMAGE TO UTILITIES CAUSED BY THEIR CONSTRUCTION ACTIVITIES.

CONSTRUCTION SHALL PROVIDE A MAINTENANCE OF TRAFFIC PLAN FOR APPROVAL BY LEON COUNTY. SEE SHEET G-102.

NOTE: CONTRACTOR SHALL PROVIDE A MAINTENANCE OF TRAFFIC PLAN FOR APPROVAL BY LEON COUNTY. SEE SHEET G-102.

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CONSTRUCT
DEMOLITION NOTES:
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3. CONTRACTOR SHALL PROVIDE A MAINTENANCE OF TRAFFIC PLAN FOR APPROVAL BY LEON COUNTY.

EXISTING 50' GAS EASEMENT

BASELINE OF CONSTRUCTION *WB*

(REFER TO PLAN SHEET C-206)
THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING - ANY ERRORS OR OMISSIONS SHALL BE REPORTED TO STANTEC WITHOUT DELAY.

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3. CONTRACTOR SHALL PROVIDE A MAINTENANCE OF TRAFFIC PLAN FOR APPROVAL BY LEON COUNTY.

EXISTING DRAINAGE EASEMENT
EXISTING ROADWAY RIGHT OF WAY

END CONSTRUCTION STA. 303+14

MATCHLINE C-106

MATCHLINE C-104

MATCHLINE C-103

MATCHLINE C-102

MATCHLINE C-101

MATCHLINE C-100

MATCHLINE C-99

MATCHLINE C-98

MATCHLINE C-97

MATCHLINE C-96

MATCHLINE C-95

MATCHLINE C-94

MATCHLINE C-93

MATCHLINE C-92

MATCHLINE C-91

MATCHLINE C-90

MATCHLINE C-89

MATCHLINE C-88

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MATCHLINE C-74

MATCHLINE C-73

MATCHLINE C-72

MATCHLINE C-71

MATCHLINE C-70

MATCHLINE C-69

MATCHLINE C-68

MATCHLINE C-67

MATCHLINE C-66

MATCHLINE C-65

MATCHLINE C-64

MATCHLINE C-63

MATCHLINE C-62

MATCHLINE C-61
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END PAVEMENT CONSTRUCTION

STA. 22+93.00
ELEV. +108.71

BEGIN PAVEMENT CONSTRUCTION

STA. 21+36.33
ELEV. +108.93

REFERENCES:

1. FOR GUARDRAIL AND PAVEMENT MARKING LIMITS REFER TO PLAN SHEET C-402.
NOTES:

1. CONTRACTOR SHALL EXCAVATE THE EXISTING SOILS AT THE PROPOSED LOCATION FOR THE THREE 5' X 10' CONCRETE CULVERTS TO A MINIMUM DEPTH OF TWO (2) FEET BELOW THE CULVERT BEARING SURFACE. THE EXCAVATION SHALL EXTEND TO AT LEAST TWO (2) FEET BEYOND THE LIMITS OF THE PROPOSED HEADWALL LOCATION IN EACH DIRECTION.

2. CONTRACTOR SHALL BACKFILL AND COMPACT THE CULVERT BEDDING IN ACCORDANCE TO FDOT STANDARD SPECIFICATION 125.

3. WEST BASIN EXCAVATION REQUIREMENTS:
   a. EXCAVATE TO A MINIMUM DEPTH OF TWO (2) FEET BELOW THE BOTTOM OF THE SUMP.
   b. INSTALL A TYPE D-5 GEOTEXTILE (SEPARATION FABRIC) IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION 514.
   c. BACKFILL WITH CLEAN SAND HAVING A FINES CONTENT (% PASSING -200 SIEVE) LESS THAN 15% FREE OF ORGANICS AND DEBRIS.
   d. PLACE BACKFILL IN 12-INCHES OF LOOSE SOIL OR LESS AND COMPACT MAKING AT LEAST FOUR (4) PASSES WITH A 5-TON ROLLER USING NO VIBRATORY ACTION.

Attachment I
SECTION @ STA: 201+50 (C-206)

SECTION @ STA: 202+00 (C-206)

SECTION @ STA: 202+50 (C-206)

SECTION @ STA: 203+00 (C-206)
Note: Contractor shall support and protect water mains, sanitary and gas mains during all construction operations.
NOTES:
1. FOR GUARDRAIL AND PAVEMENT MARKING INFORMATION REFER TO C-433.
2. FOR BENCHMARK INFORMATION REFER TO V107 FOR LEXINGTON ROAD.

CONTRACTOR SHALL SECURE PERMIT AND RELOCATE EXISTING SHED TO BACKYARD PER OWNER’S DIRECTION.

RELOCATE 60 LF OF WOOD PRIVACY FENCE

CONTRACT BASELINE "L"
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NOTE:
CONTRACTOR SHALL COORDINATE WITH ADJACENT PROPERTY OWNER TO PROVIDE CONTINUOUS SANITARY SEWER SERVICE.
**LEGEND**

- PROPOSED ROCK RUBBLE EASEMENT
- PROPOSED ASPHALT PAVING
- PROPOSED CONCRETE
- EXISTING ASPHALT PAVING
- SCOURLOK SYSTEM RETAINING WALLS
- GEOWEB SYSTEM FOR HEAVY WHEEL LOADS
- EXISTING GRADE CONTOUR LINE

**UTILITY ADJUSTMENT STA 25+50 TO 27+94**

- INSTALL 726 LF OF 12" HDPE WATER MAIN
- INSTALL 10" ACP TO 12" HDPE TRANSITION ADAPTER AT PROPOSED CONNECTION

**EXISTING 10" ACP WATER MAIN**

- NOTE: CONTRACTOR SHALL COORDINATE WITH ADJACENT PROPERTY OWNER TO PROVIDE CONTINUOUS SANITARY SEWER SERVICE.

**EXISTING FORCE MAIN**

- PROPOSED 517 L.F. OF 6" STEEL HIGH PRESSURE GAS MAIN (DIRECTIONAL DRILL)
- END DIRECTIONAL DRILL INSTALLATION BEGIN OPEN TRENCH PROPOSED 73 L.F. OF 6" STEEL HIGH PRESSURE GAS MAIN (OPEN TRENCH)
- END OPEN TRENCH CONNECT PROPOSED 6" STEEL HIGH PRESSURE GAS MAIN TO EXISTING GAS MAIN

**EXISTING GAS MAIN IN PLACE**

- ABANDON EXISTING 6" GAS MAIN

**PROPOSED ROCK RUBBLE RIP-RAP**

- PROPOSED ASPHALT PAVING EXISTING ASPHALT PAVING
- PROPOSED CONCRETE SCOURLOK SYSTEM RETAINING WALLS GEOWEB SYSTEM FOR HEAVY WHEEL LOADS EXISTING GRADE CONTOUR LINE

**EXISTING GRADE CONTOUR LINE**

- NORTH MERIDIAN ROAD

**NOTE:** CONTRACTOR SHALL COORDINATE WITH ADJACENT PROPERTY OWNER TO PROVIDE CONTINUOUS SANITARY SEWER SERVICE.
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BEGIN PAVEMENT CONSTRUCTION
STA. 26+87.00

TL-3 GUARDRAIL (CORTEN FINISH) PER FDOT INDEX 536-001
WITH 3' WIDE MISCELLANEOUS ASPHALT PAVEMENT

PROPOSED ROCK RUBBLE
RIP-RAP

EXISTING ASPHALT PAVING

PROPOSED CONCRETE PAVING

SCOURLOCK SYSTEM
RETAINING WALLS

GEOWEB SYSTEM FOR
HEAVY WHEEL LOADS

NOTES:
1. AT LOCATIONS WHERE THE PROJECT CONSTRUCTION OPERATIONS ARE WITHIN THE AREA OF INFLUENCE OF A UTILITY, THE CONTRACTOR SHALL EXERCISE CARE SO AS NOT TO DAMAGE THE EXISTING UTILITY DURING GUARDRAIL INSTALLATION ACTIVITIES.

2. FOR ANY GUARDRAIL POST LOCATED WITHIN A UTILITY EASEMENT NORTH/EAST/WEST OR SOUTH SIDE OF N. MERIDIAN ROAD DRAINAGE IMPROVEMENTS THE CONTRACTOR SHALL INSTALL GUARDRAIL USING A STATIC MANUAL OR SIMILAR EQUIPMENT THAT WILL NOT USE VIBRATION OR IMPACT AS A MEANS OF FOR THE ROADSIDE BARRIER POST INSTALLATION METHOD.

3. DAMAGES SUFFERED TO THE EXISTING GAS MAIN, SCHEDULE DELAYS, AND ADDITIONAL COSTS INCURRED BY THE CONTRACTOR, AS A RESULT OF THE FAILURE TO CONFORM TO THE REQUIREMENTS OF THIS SECTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

4. GUARDRAIL SHALL HAVE A 3' WIDE MISCELLANEOUS ASPHALT PAVEMENT, SEE FOOT GUARDRAIL DETAILS

LEGEND

PROPOSED ROCK RUBBLE
RIP-RAP

RIGHT-OF-WAY

EXISTING ASPHALT PAVING

PROPOSED CONCRETE PAVING

SCOURLOCK SYSTEM
RETAINING WALLS

GEOWEB SYSTEM FOR
HEAVY WHEEL LOADS

REPLACE 127 LF OF 6" WHITE STRIPING WITH THERMOPLASTIC PAVEMENT MARKINGS IN ACCORDANCE WITH FDOT INDEX 711-001

REPLACE 127 LF OF 6" DOUBLE YELLOW CENTER STRIPING WITH THERMOPLASTIC PAVEMENT MARKINGS IN ACCORDANCE WITH FDOT INDEX 711-001

BASELINE OF SURVEY
ROADWAY
RIGHT OF WAY LINE
ROADWAY
RIGHT OF WAY LINE
BASELINE OF SURVEY
ROADWAY
RIGHT OF WAY LINE
BASELINE OF SURVEY
ROADWAY
RIGHT OF WAY LINE
ROADWAY
RIGHT OF WAY LINE
BASELINE OF SURVEY
ROADWAY
RIGHT OF WAY LINE
BASELINE OF SURVEY
ROADWAY
RIGHT OF WAY LINE
BASELINE OF CONSTRUCTION
**Legend**

- **PROPOSED ROCK RUBBLE**: RP-8AP
- **PROPOSED ASPHALT PAVING**
- **DISTING ASPHALT PAVING**
- **PROPOSED CONCRETE PAVING**
- **SCOURROD SYSTEM**: RETAINING WALLS
- **GEOWEB SYSTEM FOR HEAVY WHEEL LOADS**

**Notes:**

1. At locations where the project construction operations are within the area of influence of a utility, the contractor shall exercise care so as not to damage the existing utility during guardrail installation activities.

2. For any guardrail post located within a utility easement north/east/west/south of the existing roadway, the contractor shall be responsible for the installation method. The contractor shall consult with the utility owner to determine the installation method or impact as a means of preventing any damage to the utility. The contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.

3. The copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

4. Damages suffered to the existing gas main, schedule delays, and additional costs incurred by the contractor, as a result of the failure to conform to the requirements of this section, shall be the sole responsibility of the contractor.

5. Guardrails shall have a Corten finish.

6. Guardrails shall have a 3 ft wide miscellaneous asphalt pavement, see foot guardrail detail.
BEGIN TL-3 GUARDRAIL (CORTEN FINISH) WITH PARALLEL END TREATMENT APPROACH TERMINAL WITH IMPACT HEAD PER FDOT INDEX 536-001 STA: 600+31.20

10' LATERAL OFFSET
11'
13'
19'
11'
39'

BEGIN TL-3 GUARDRAIL (CORTEN FINISH) WITH PARALLEL END TREATMENT APPROACH TERMINAL WITH IMPACT HEAD PER FDOT INDEX 536-001 STA: 600+88.40

NOTES:

1. AT LOCATIONS WHERE THE PROJECT CONSTRUCTION OPERATIONS ARE WITHIN THE AREA OF INFLUENCE OF A UTILITY, THE CONTRACTOR SHALL EXERCISE CARE SO AS NOT TO DAMAGE THE EXISTING UTILITY DURING GUARDRAIL INSTALLATION ACTIVITIES.
2. DAMAGES SUFFERED TO ANY EXISTING UTILITIES OR OBJECTS, CONSEQUENTIAL DAMAGES, AND ADDITIONAL COSTS INCURRED BY THE CONTRACTOR AS A RESULT OF THE FAILURE TO PROTECT EXISTING TURF OR TO REMAIN IN PLACE, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
3. GUARDRAIL SHALL HAVE A CORTEN FINISH.
4. GUARDRAIL SHALL HAVE A 3' WIDE MISCELLANEOUS ASPHALT PAVEMENT, SEE FDOT GUARDRAIL DETAILS.
5. FOR LEXINGTON ROAD BENCHMARK INFORMATION REFER TO SURVEY SHEET V107.
6. FOR DRAINAGE CONVEYANCE DITCH BASELINE OF CONSTRUCTION "L" HORIZONTAL CONTROL DATA, REFER TO C-209.

END PAVEMENT CONSTRUCTION STA: 601+00.48

BASELINE OF CONSTRUCTION "C"
TYPICAL ATRA ANCHOR SYSTEM

THE TOP EDGES OF ADJACENT CELL WALLS SHALL BE FLUSH WHEN CONNECTING.

AM

10'

GEOWEB CELL SIZE (GW 20V)

THE GEOWEB PANELS SHALL BE CONNECTED WITH ATRA KEYS AT EACH

ATRA KEY CONNECTION DETAILS

CONCRETE CURB TAPER

NOTES:
1. COVER OVER GAS TRANSMISSION PIPELINE
2. A TACK COAT WILL BE REQUIRED FOR ASPHALT PAVEMENT BETWEEN EXISTING PAVEMENT SURFACES, LAYERS OF LIFT OR HOT MIX ASPHALT OR NEW ASPHALT PAVEMENT SECTION FOR MULTIPLE LAYERS.
3. A TACK COAT SHALL BE APPLIED TO THE STABILIZED LIMEROCK BASE.
4. A TACK COAT WILL BE REQUIRED FOR ASPHALT PAVEMENT BETWEEN PAVEMENT SURFACES.
5. PLACE A GEOWEB (PRESTO GW20V 8-INCH OR APPROVED EQUIVALENT) OVER THE GEOTEXTILE AND SECURE THE OVERLAP MATERIAL AND EDGES BY AT LEAST THREE (3) FEET.
6. AFTER THE GEOWEB HAS BEEN PLACED AND SECURED, REMOVE ALL MUD, DIRT, AND MESS. THE GEOWEB PANELS SHALL BE CONNECTED WITH ATRA KEYS AND ATRA ANCHOR ARMS CONNECTED TO I-SLOTS (TYP).
7. THE COARSE AGGREGATE SHALL EXTEND ABOVE THE GEOWEB.
8. WHEN ATRA ANCHORS ARE USED FOR ANCHORAGE, ENSURE THAT THE ATRA ANCHOR BEARS AGAINST CELL WALL AND ARM IS ENGAGED A MINIMUM OF ONE (1) INCH.

GEOWEB PRODUCT CODE FORMAT

APPLICATION NOTES:
1. THE FOLLOWING COMPONENTS OF THE GEOWEB SYSTEM ARE FOR USE WITH FDOT STANDARD SPECIFICATION gehören.
2. THE GEOWEB PANELS SHALL BE CONNECTED WITH ATRA KEYS AT EACH ATRA KEY CONNECTION.
3. THE GEOWEB PANELS SHALL BE CONNECTED WITH ATRA KEYS AT EACH ATRA KEY CONNECTION.
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

**OUTFALL WEIR DETAIL**

**CONCRETE DRIVEWAY EAST SUMP**

**WEIR PLAN**

**WEIR SECTION A-A**

**WEIR SECTION B-B**

**NOTE:** CONTRACTOR TO SUBMIT JOINT PLAN LAYOUT WITH CONCRETE SUBMITTAL (ACI REQUIREMENTS)

**10" STABILIZED SUBBASE (LBR 40)**

**3,000 PSI CONCRETE WITH #4 REBAR @ 12" O.C., EACH WAY**

**COMPACTED SUBGRADE**

**3,000 PSI CONCRETE WITH #4 REBAR @ 12" O.C., EACH WAY**

**CONCRETE DRIVEWAY EAST SUMP**

**EAST SUMP**

**CONTRACTOR TO SUBMIT JOINT PLAN LAYOUT WITH CONCRETE SUBMITTAL (ACI REQUIREMENTS)**
**PERPENDICULAR INSTALLATION OF ARMORMAX 75 IN A CHANNEL**

**ENGINEERED EARTH ANCHOR**

**VEGETATION ESTABLISHMENT**

**INITIAL CHANNEL (IC) TRENCH (DOWNSTREAM)**

**TERMINAL CHANNEL (TC) TRENCH (UPSTREAM)**

**OVERLAP AT ROLL END DETAIL**

**SIMULATED CHECK SLOT DETAIL**

**SLOPE STABILIZATION SYSTEM GENERAL INSTALLATION GUIDELINES / NOTES**

1. Contractor shall provide ARMORMAX® 75, or approved equal for permanent erosion protection and surficial slope stability applications. ARMORMAX® 75 shall be provided in green (match color).

2. Contractor shall provide PYRAMAT® 75 HPTRM, or approved equal in green for erosion control applications on steep slopes and vegetated waterways. PYRAMAT® 75 HPTRM is composed of two components: ARMORMAX® 75 High Performance Turf Reinforcement Mat (HPTRM) and Engineered Earth Anchors.

3. The Type B2 anchor model, or approved equal, is used for surficial slope stability applications and has a working load of up to 1,500 lbs. The Type B2 anchor consists of a die cast steel anchor head, 3/8 in. by 3/8 in. U-shaped staples with a frequency of 2.0 staples per square meter (1.7 staples per square yard). The blanket shall be homogeneously blended and evenly distributed throughout the blanket. The netting shall be photodegradable polypropylene with mesh openings of approximately 2.5 in. by 2.5 in. The straw shall be scarified surface prior to installation of the ARMORMAX® 75.

4. Select and apply soil amendments and fertilizer to scarified surface prior to installation of the ARMORMAX® 75. A site specific soil test should be performed to help determine what soil amendments, such as lime and fertilizer, need to be incorporated into the soil to promote native vegetation.

5. To ensure proper drainage, ARMORMAX® 75 should be shingled in 1' MIN over each other and have a minimum end distance of 6.0 FT.

6. Prepare seedbed by loosening 2 to 3 in of soil above final grade. Apply seed in an amount equivalent to 60% of the total mixture required to be installed on the soil surface, to the seed layer. LANDLOK S2 Erosion Control Blanket atop the seed layer. LANDLOK S2 is to be secured using 6" long, galvanized steel pins with a spacing of 12".

7. Surficial protection should be accomplished by installing LANDLOK S2 Erosion Control Blanket atop the seed layer. LANDLOK S2 is to be secured using 6" long, galvanized steel pins with a spacing of 12".

8. The flow of water or direction of prevailing wind should be considered when installing the ARMORMAX® 75. The pullout strength of the ANCHOR on horizontal spacing should be considered when installing the ARMORMAX® 75.

9. To achieve the required pullout strength, additional anchors length or sizes may be needed and comply with manufacturer recommendations.

10.ARMORMAX® 75 shall be provided in green (match color).

11.陸前 slope shall be provided in green (match color).

12. Landloks shall be provided in green (match color).

13. Prior to installation, all materials shall be free of moisture and shall be properly handled and transported to prevent damage. All materials shall be properly stored to prevent damage. All materials shall be properly installed to prevent damage.

14. All materials shall be properly handled and transported to prevent damage. All materials shall be properly stored to prevent damage. All materials shall be properly installed to prevent damage.

15. All materials shall be properly handled and transported to prevent damage. All materials shall be properly stored to prevent damage. All materials shall be properly installed to prevent damage.
SCOURLOK™ SDS STACKING

SECTION A-A

1. CONTRACTOR SHALL PROVIDE SCOURLOK™ SCOURLOCK DEFENSE SYSTEM (SDS), OR APPROVED EQUAL. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL OR EQUAL PRODUCTS AS PART OF THE BID SUBMITTAL.

2. CONTRACTOR SHALL PROVIDE ARMORMAX 75, OR APPROVED EQUAL FOR PERMANENT EROSION PROTECTION AND SURFICIAL SLOPE STABILITY. ARMORMAX 75 IS MANUFACTURED IN 4" X 4" X 8' PIECES.

3. CONTRACTOR SHALL PROVIDE SCOURLOK™ HYPPM, OR APPROVED EQUAL IN ORDER FOR BOND CONTROL APPLICATIONS ON STEEP SLOPES AND UNSTABILIZED SLOPES.

4. THE TYPE A2 ANCHOR MODEL, OR APPROVED EQUAL, IS USED FOR SLOPE STABILITY APPLICATIONS AND HAS A WORKING LOAD OF UP TO 2 TON. THE TYPE A2 ANCHOR CONSISTS OF A 6 S x 3" x 36" ARMOR MAX 75 HARDENED STEEL ANCHOR COIL, A FORGE CAST ZINC LOAD-LOCKING MECHANISM WITH A CERAMIC ROLLER, AND A TWO TON ARMOR MAX 75 HARDENED STEEL ANCHOR COIL TO BE PLACED AT THE TOP OF THE ANCHOR COILS TO RETAIN THE SUPERFACIAL PROTECTION.

5. THE TYPE B2 ANCHOR MODEL, OR APPROVED EQUAL, IS USED FOR EROSION CONTROL APPLICATIONS TO THE INDUSTRY STANDARD FOR BOND CONTROL, PIPES OF ANY DIAMETER.

6. CONNECTING SCOURLOCK SDS UNITS

7. SECURING BOLT TO BE 5" LONG, 3/4" DIAMETER GALVANIZED STEEL BOLT OR APPROVED EQUIVALENT TO BE EMBEDDED 3" MINIMUM INTO CONCRETE STRUCTURE AT A PERIODIC INTERVAL FOR ATTACHMENT OF ARMOR MAX 75 OR APPROVED EQUAL, BY GALVANIZED STEEL NUT AND WASHER.

8. PREPARE SEEDBED BY LOOSENING 2 TO 3 IN OF SOIL ABOVE FINAL GRADE. APPLY SEED IN AN AMOUNT EQUIVALENT TO 60% OF THE TOTAL SOWN SEEDS ON THE SOIL SURFACE. TO SCOURLOK SURFACE PRIOR TO INSTALLATION OF THE ARMOR MAX 75, APPLY 10% AMMENDMENTS AND FERTILIZER TO SCOURLOK SURFACE PRIOR TO INSTALLATION OF THE ARMOR MAX 75. THE 12", 18", AND 24" SECURING PINS ARE COMPOSED OF A WIRE, MUSHROOMED AT THE TOP. THESE PINS SHALL CONFORM TO INDUSTRY SPECIFICATIONS.

9. CONNECT SCOURLOCK SDS UNITS

10. IRRIGATE TO ESTABLISH AND MAINTAIN VEGETATION. FREQUENT, LIGHT IRRIGATION WILL NEED TO BE APPLIED TO SEEDED AREAS IF NATURAL VEGETATION IS NOT ESTABLISHED. IRRIGATE IF NEEDED TO MAINTAIN VEGETATION. IRRIGATE THE VEGETATION TO MAINTAIN VEGETATION.

11. SEE LANDSCAPING PLANS FOR PLANTING MATERIALS INSIDE SCOURLOCK UNITS.

12. THE BASE ROW OF SCOURLOCK SHALL BE PLACED ON A ROCK LEVELING COURSE WITH A MINIMUM THICKNESS OF 1 FT. FREE DRAINING, TEST SHOULD BE PERFORMED TO HELP DETERMINE WHAT SOIL AMENDMENTS, SUCH AS LIME AND FERTILIZER, NEED TO BE INCORPORATED WITH A FREQUENCY OF 2.0 STAPLES PER SQUARE METER (1.7 STAPLES PER SQUARE YARD). GRANULAR, SELF-CONSOLIDATING FILL SHALL BE USED TO FILL THE BASE ROW OF SCOURLOCK AND TO BACKFILL BEHIND THE FIRST ROW TO BACKFILL THE SOIL TO FILL THE BASE ROW OF SCOURLOCK.

13. THE 12", 18", AND 24" SECURING PINS ARE COMPOSED OF A WIRE, MUSHROOMED AT THE TOP. THESE PINS SHALL CONFORM TO INDUSTRY SPECIFICATIONS.

14. FILL MATERIAL PLACED INSIDE UPPER ROW OF SCOURLOCK AND BEHIND SCOURLOCK TO BE ONSITE SOILS COMPACTED TO A MINIMUM OF 90% STANDARD PROCTOR AND FREE OF ORGANIC MATERIAL.

15. SCOURLOCK POCKETS TO CONTAIN PLANTINGS SHALL BE FILLED WITH A GROWTH MEDIUM (SOIL, MULCH, ETC.) AND PLANTED WITH containers.

16. THE 12", 18", AND 24" SECURING PINS ARE COMPOSED OF A WIRE, MUSHROOMED AT THE TOP. THESE PINS SHALL CONFORM TO INDUSTRY SPECIFICATIONS.

17. FILL MATERIAL PLACED INSIDE BASE ROW OF SCOURLOCK AND TO BACKFILL BEHIND THE FIRST ROW TO BACKFILL THE SOIL TO FILL THE BASE ROW OF SCOURLOCK.

18. THE BASE ROW OF SCOURLOCK SHALL BE PLACED ON A ROCK LEVELING COURSE WITH A MINIMUM THICKNESS OF 1 FT. FREE DRAINING, TEST SHOULD BE PERFORMED TO HELP DETERMINE WHAT SOIL AMENDMENTS, SUCH AS LIME AND FERTILIZER, NEED TO BE INCORPORATED WITH A FREQUENCY OF 2.0 STAPLES PER SQUARE METER (1.7 STAPLES PER SQUARE YARD). GRANULAR, SELF-CONSOLIDATING FILL SHALL BE USED TO FILL THE BASE ROW OF SCOURLOCK AND TO BACKFILL BEHIND THE FIRST ROW TO BACKFILL THE SOIL TO FILL THE BASE ROW OF SCOURLOCK.

19. THE BASE ROW OF SCOURLOCK SHALL BE PLACED ON A ROCK LEVELING COURSE WITH A MINIMUM THICKNESS OF 1 FT. FREE DRAINING, TEST SHOULD BE PERFORMED TO HELP DETERMINE WHAT SOIL AMENDMENTS, SUCH AS LIME AND FERTILIZER, NEED TO BE INCORPORATED WITH A FREQUENCY OF 2.0 STAPLES PER SQUARE METER (1.7 STAPLES PER SQUARE YARD). GRANULAR, SELF-CONSOLIDATING FILL SHALL BE USED TO FILL THE BASE ROW OF SCOURLOCK AND TO BACKFILL BEHIND THE FIRST ROW TO BACKFILL THE SOIL TO FILL THE BASE ROW OF SCOURLOCK.

20. THE BASE ROW OF SCOURLOCK SHALL BE PLACED ON A ROCK LEVELING COURSE WITH A MINIMUM THICKNESS OF 1 FT. FREE DRAINING, TEST SHOULD BE PERFORMED TO HELP DETERMINE WHAT SOIL AMENDMENTS, SUCH AS LIME AND FERTILIZER, NEED TO BE INCORPORATED WITH A FREQUENCY OF 2.0 STAPLES PER SQUARE METER (1.7 STAPLES PER SQUARE YARD). GRANULAR, SELF-CONSOLIDATING FILL SHALL BE USED TO FILL THE BASE ROW OF SCOURLOCK AND TO BACKFILL BEHIND THE FIRST ROW TO BACKFILL THE SOIL TO FILL THE BASE ROW OF SCOURLOCK.

21. THE BASE ROW OF SCOURLOCK SHALL BE PLACED ON A ROCK LEVELING COURSE WITH A MINIMUM THICKNESS OF 1 FT. FREE DRAINING, TEST SHOULD BE PERFORMED TO HELP DETERMINE WHAT SOIL AMENDMENTS, SUCH AS LIME AND FERTILIZER, NEED TO BE INCORPORATED WITH A FREQUENCY OF 2.0 STAPLES PER SQUARE METER (1.7 STAPLES PER SQUARE YARD). GRANULAR, SELF-CONSOLIDATING FILL SHALL BE USED TO FILL THE BASE ROW OF SCOURLOCK AND TO BACKFILL BEHIND THE FIRST ROW TO BACKFILL THE SOIL TO FILL THE BASE ROW OF SCOURLOCK.
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NOTE: Sheet Sizes Are Required On Title Blocks Per The SIMS (Standard Information On Sheet) Within Each Set, Where Required By Fl-S characterize.
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Original Sheet - ANSI D

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FDOT DRAINAGE DETAILS
Attachment I

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FDOT DRAINAGE DETAILS
Attachment I

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FDOT DRAINAGE DETAILS
Attachment I
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GENERAL NOTES:

1. The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.

2. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

3. Fences and gates should be designed to prevent access to storm drains, storm sewer inlets, and sanitary sewers. All requirements for safety and protection of the public and property should be met.

4. The Soil Report provided with the plans shall specify the minimum depth to slice line where applicable to the project. A minimum design frost depth of 50 inches is required in Leon County to prevent frost heave.

5. Fences and gates shall be fabricated and installed in accordance with the American Fence Association (AFA) Standard for Vertical Steel Fences, American National Standard. (The latest version available to the Contractor prior to the start of construction shall be used.)

6. A minimum frost depth of 50 inches shall be used in Leon County to prevent frost heave.
GENERAL NOTES:

1. DEFINITION: Unless noted, all distances are measured in accordance with Standard Plans.(SB)

2. The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.

3. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

4. ELEVATED TABLES: Square brackets [ ] indicate text that is required to be placed in tables within the project.

5. SF-1 TYPICAL: Unless noted, all distances are measured in accordance with Standard Plans.

6. MEASUREMENT: Measured points and permanent control points as shown in the Project and Sub-Area Plans.

7. M-CURVE NOTES: All measurements are along the centerline of the roadway.

8. NOTES: All notes and dimensions are shown in standard units.

9. TYPICAL NOTES: Unless noted, all distances are measured in accordance with Standard Plans.

10. UNIT NOTES: Unless noted, all distances are measured in accordance with Standard Plans.
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GENERAL TREE PROTECTION NOTES

1. ANY PREPARED CONSTRUCTION ACTIVITY WITHIN THE CPZ WILL REQUIRE THE TREE TO BE REMOVED UNLESS A LICENSED/CERTIFIED ARBORIST WORKING IN CONJUNCTION WITH LEON COUNTY AERIAL SERVICES CAN MINIMIZE ANY IMPACTS TO THE TREE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TREE MITIGATION REPLACEMENTS REQUIRED BY LEON COUNTY.

2. IN THE EVENT A抜けた TREE HAS BEEN RECOMMENDED TO BE SAVED BY A LICENSED/CERTIFIED ARBORIST, AND THE TREE AREAS ARE NOT SHOWN ON THE PLANS TO BE REMOVED, THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL TREES AND LANDSCAPING ON ADJACENT PROPERTIES, AND WILL BE SOLELY LIABLE FOR DAMAGES TO THE PROPERTY AND TREE AND CONSTRUCTION ACTIVITY STARTED ON THE PROPERTY.

3. ALL TREE ROOTS OF DIAMETER AND LARGER EXPOSED DURING TRENCHING AND EXCAVATION SHALL BE CLEANLY CUT WITH A HANDSAW AND COVERED IMMEDIATELY WITH A SOIL MOUND OR COATED WITH A WET BURLAP OR PEAT MOSS UNTIL THE TRENCH CAN BE FILLED.

4. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL TREES AND LANDSCAPING ON ADJACENT PROPERTIES, AND WILL BE SOLELY LIABLE FOR DAMAGES TO THE PROPERTY AND TREE AND CONSTRUCTION ACTIVITY STARTED ON THE PROPERTY.

5. THE LEON COUNTY DEPARTMENT OF DEVELOPMENT SUPPORT AND ENVIRONMENTAL MANAGEMENT (850) 606-1300 WILL BE NOTIFIED 48 HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITY STARTED ON THE PROPERTY.

6. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE OR USE FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC.

7. THE TREE PROTECTION BARRICADE SHALL BE CONSTRUCTED TO PROTECT THE CPZ TO THE GREATEST EXTENT POSSIBLE TO PREVENT ENCROACHMENT BY CONSTRUCTION ACTIVITY AND TO MITIGATE ANY IMPACTS TO THE TREE.

8. THE LEON COUNTY DEPARTMENT OF DEVELOPMENT SUPPORT AND ENVIRONMENTAL MANAGEMENT (850) 606-1300 WILL BE NOTIFIED 48 HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITY STARTED ON THE PROPERTY.

9. THE CONTRACTOR SHALL NOT PERFORM ANY WORK IN THE CPZ UNLESS APPROVED MITIGATION METHODS ARE FOLLOWED.

10. THE CONTRACTOR SHALL NOT PERFORM ANY WORK IN THE CPZ UNLESS APPROVED MITIGATION METHODS ARE FOLLOWED.

NOTES:

1. THIS DETAIL IS FOR USE WITH SEDIMENT CONTROL LOGS THAT ARE A MINIMUM 8 LB/FT.

2. PLACE LOG AGAINST SIDEWALK OR BACK OF CURB WHEN ADJACENT TO THESE FEATURES.

3. BLOWN/PLACED FILTER MEDIA OR SOIL SHALL BE FREE OF ANY NOXIOUS WEED SEEDS OR DEFECTS INCLUDING RIPS, HOLES OR OBVIOUS WEAR.

4. SPACING, STAKES SHALL BE PLACED ON 4' CENTERS AND EMBEDDED A MINIMUM OF 6" INTO THE GROUND.

5. INSTALLATION BE REPLACED. COMPOST LOGS SHOULD BE STAKED 10' ON CENTER MAX.

6. IF THE SAW CUT IS WITHIN 5 FEET OF THE TRUNK COLLAR OR REMOVED ROOTS ARE GREATER THAN 6 INCHES IN DIAMETER, CALL IN AN URBAN FORESTER IN ANTICIPATION OF TREE REMOVAL.

7. THE SOIL SHALL BE TIGHTLY COMPACTED INTO THE SHAPE OF A RIGHT TRIANGLE USING A SHOVEL OR WEIGHTED LAWN ROLLER OR BLOWN IN PLACE.

8. THE SOIL SHALL BE TIGHTLY COMPACTED INTO THE SHAPE OF A RIGHT TRIANGLE USING A SHOVEL OR WEIGHTED LAWN ROLLER OR BLOWN IN PLACE.
1. Contractor shall be responsible for obtaining an NPDES Construction Permit prior to construction activities and for complying with all state, local, and federal permits related to this project.

2. The erosion control measures set forth in these plans are intended as minimum standards. All erosion control measures shall be designed within the context of applicable law and the Contractor shall be responsible for their design, installation, implementation, and maintenance.

3. At the required pre-construction meeting, contractor shall provide in writing the name and telephone number of the stormwater control officer. The stormwater control officer shall be responsible for maintaining adequate stormwater control measures and for ensuring that all contractor personnel are properly trained and certified.

4. Contractor shall be responsible for maintaining the Stormwater Control Officer's name and contact information in their office and shall be available upon request by phone at all times during construction.

5. The Stormwater Control Officer shall be responsible for continually monitoring weather conditions and evaluating conditions to determine if additional erosion control measures are required.

6. At the construction site, the Stormwater Control Officer shall maintain permanent signs describing the responsibilities of the Stormwater Control Officer.

7. Contractor shall be responsible for developing and implementing the BMPs. The Contractor shall ensure that all subcontractors and suppliers are familiar with the BMPs and that they comply with the stormwater control measures set forth in the SWPP Plan.

8. The Contractor shall be responsible for ensuring that all personnel are properly trained and certified in the use and application of the BMPs.

9. Erosion control items are estimated for prevention, control, abatement of erosion, sedimentation and water pollution. These items are to be used at locations described in the approved SWPP or as directed by the Owner or Owner's Designated Representative.

10. All disturbed areas untouchable longer than 14 days must be stabilized with quick growth grass seed and mulch.

11. Contractor shall not bring any hazardous materials onto the project site. Should contractor require such for performing the contracted work, contractor shall request, in writing, written permission from the owner or owner's designated representative. Contractor shall provide the owner or owner's designated representative with a copy of the material safety data sheet (MSDS) for each hazardous material proposed for use. Since state law does not require contractors to provide the owner or owner's designated representative with a copy of the MSDS for each hazardous material, contractor shall provide the owner or owner's designated representative with the written permission for each hazardous material proposed for use.

12. All hazardous materials shall be subject to inspection prior to placement. Any hazardous materials are subject to use for use on the project. Contractor shall provide to the owner or owner's designated representative any materials to be used on the project. Materials shall be properly stored and used. Contractor shall provide to the owner or owner's designated representative any materials to be used on the project.

13. Waste collection and disposal. A sufficient amount of waste and trash receptacles shall be provided at all times.

14. Waste shall be properly disposed of in accordance with the SWPP Plan. Waste shall not be disposed of in violation of any applicable law or regulation.

15. Water, sediment, and debris control. The Contractor shall take all necessary precautions to prevent the discharge of pollutants and water quality exceedances, as defined by the EPA, or the BMPs into the stormwater conveyance systems.

16. The Contractor shall be responsible for all dimensions. DO NOT SCALE THE DRAWING - any errors or omissions shall be reported to Stantec without delay.
Typical Stepped Footing at Detail

**GENERAL NOTES**

1. Reference geotechnical report for all fill requirements if available for the project. Report shall govern over fill requirements shown in detail.

2. Backfilling shall not be permitted until 7 days after placing grout in cores.

3. Heavy equipment shall maintain a distance away from the wall equal to the wall’s height.

**GENERAL NOTES**

1. Control joints shall be placed at 20 ft. on center max. and within 3 ft. of corners.

2. Expansion joints shall be placed at every 4 ft. control joint.

**VERTICAL JOINT REQUIREMENTS**

VERTICAL JOINTS

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SOD DISTURBED AREAS
NOT PLANTED WITH SHRUBS
/ GROUNDCOVER OR
PERMANENTLY STABILIZED
WITH ROCK (TYP.)

LAP SOD & PIN ALL SIDE-SLOPES STEEPER THAN 3:1
(TYP.)

1 inch =          ft.

GRAPHIC SCALE
0 10 20

LEGEND

VIRGINIA SWEETSPIRE
OCALA ANISE
DWARF FAKAHATCHEE GRASS
FAKAHATCHEE GRASS
CONFEDERATE JASMINE
FL LEUCOTHOE
NATIVE YAUPON
DWARF WALTER’S VIBURNUM
LIVE OAK

CENTIPEDE SOD
CENTIPEDE SOD & STABILIZATION
PINE STRAW MULCH

SHEET
JOHN HANCOCK  DRIVE

SOD DISTURBED AREAS NOT PLANTED WITH SHRUBS / GROUNDCOVER OR PERMANENTLY STABILIZED WITH ROCK (TYP.)

SEE CIVIL PLANS FOR STABILIZATION METHODS IN ADDITION TO SODDING (TYP.)

EXISTING GAS EASEMENT BOUNDARY

1 inch =          ft.

GRAPHIC SCALE

LEGEND

VIRGINIA SWEETSPIRE
OCALA ANISE
DWARF FAKAHATCHEE GRASS
FAKAHATCHEE GRASS
CONFEDERATE JASMINE
FL LEUCOTHOE
NATIVE YAUPON
DWARF WALTER'S VIBURNUM
LIVE OAK
CENTIPEDE SOD
CENTIPEDE SOD & STABILIZATION
PINE STRAW MULCH

COWLES LANDSCAPE ARCHITECTURE
www.cowlesLA.com / (850) 545-7035 / TALLAHASSEE, FL

PROJECT NAME
CLIENT NAME
REVISIONS
DATE:
DRAWN BY:

COWLES LANDSCAPE ARCHITECTURE
www.cowlesLA.com / (850) 545-7035 / TALLAHASSEE, FL
LEXINGTON ROAD

SOD ALL SIDE-SLOPES
SOD WITH 10% GRASS SEED AND COVER
SOD & PIN ALL SIDE-SLOPES STEEPER THAN 3:1
LAP SOD & PIN ALL SIDE-SLOPES STEEPER THAN 3:1

SOD DISTURBED AREAS NOT PLANTED WITH
SHRUBS / GROUNDCOVER
OR PERMANENTLY
STABILIZED WITH ROCK

GRAPHIC SCALE

LEGEND

VIRGINIA SWEETSPIRE
OCALA ANISE
DWARF FAKAHATCHEE GRASS
FAKAHATCHEE GRASS
CONFEDERATE JASMINE
FL LEUCOTHOE
NATIVE YAUPON
DWARF WALTER'S VIBURNUM
LIVE OAK
CENTIPEDE SOD
CENTIPEDE SOD & STABILIZATION
PINE STRAW MULCH

COWLES   LANDSCAPE   ARCHITECTURE
www.cowlesLA.com  /  (850) 545-7035  /  TALLAHASSEE, FL
**PLANTING SCHEDULE**

<table>
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<th>SYMBOL</th>
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<td>FAKAHATCHEE GRASS</td>
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<td>SOD</td>
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<td>H</td>
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<td>P</td>
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<td>DARD WALTER'S VIBURNUM</td>
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</table>

**GENERAL NOTES:**

1. Tree Planting:
   - Trees shall be planted at the specified planting depth and within the specified area.
   - Trees shall be staked and supported as required by the engineer.
   - Trees shall be watered for the first year to establish root systems.

2. Shrub Planting:
   - Shrubs shall be planted at the specified planting depth and within the specified area.
   - Shrubs shall be staked and supported as required by the engineer.

3. Groundcover:
   - Groundcover shall be planted within the specified area.
   - Groundcover shall be watered for the first year to establish root systems.

4. Sod:
   - Sod shall be laid in a continuous seam along the line of flow.
   - Sod shall be installed so that they hold the sod firmly in place yet allow for contouring.

5. Mulch:
   - Mulch shall be installed around the base of each plant as specified.
   - Mulch shall be watered for the first year to establish root systems.

6. Landscaping:
   - Landscaping shall meet the approval of the engineer or landscape architect.

7. Drainage:
   - Drainage shall be installed as specified.
   - Drainage shall be connected to existing stormwater systems.

8. Erosion Control:
   - Erosion control measures shall be installed as specified.
   - Erosion control measures shall be inspected by the engineer or landscape architect.

9. Maintenance:
   - Maintenance shall be performed as specified.
   - Maintenance shall be performed by the contractor.

10. Acceptance:
    - Acceptance shall be performed by the owner and the engineer or landscape architect.
    - Acceptance shall be performed within 30 days of completion.

11. Certification:
    - Certification shall be provided by the contractor.
    - Certification shall be submitted to the owner and the engineer or landscape architect.

12. Contract:
    - The contract shall be in accordance with the specifications and the plans.
    - The contract shall be signed by the owner and the contractor.

**NOTES:**

- All materials shall be installed in accordance with the plans.
- All materials shall be installed in a workmanlike manner.
- All materials shall be installed in accordance with the specifications.

**REFERENCES:**

- Reference shall be made to the applicable sections of the drawings and specifications.
- Reference shall be made to the applicable sections of the plans.
- Reference shall be made to the applicable sections of the specifications.

**PROJECT NAME:**

**LANDSCAPE PLAN**

**DATE:**

**DRAWN BY:**

**REVISIONS:**

**CHECKED BY:**

**APPROVED BY:**

**SCALE:**

**INCHES =**

**Ft.**

**TYPICAL SOIL AMENDMENT SECTION**

**GROUND COVER DETAILS**

**TURF GRASS/LAWN**

**SWALE**
GENERAL CONTRACTOR. INSTALL RAIN SENSOR IN AN OPEN (UNCOVERED) APPROXIMATE LOCATION OF IRRIGATION CONTROLLER AND RAIN SENSOR. IRRIGATION CONTRACTOR SHALL COORDINATE EXACT LOCATION WITH GENERAL CONTRACTOR. APPOINTMENT OF IRRIGATION CONSTRUCTION AND INSTALLATION.

IRRIGATION SCHEDULE

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<tr>
<th>ZONE</th>
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NOTE:
- IRRIGATION PIPING LOCATIONS MAY BE DRAWN FOR GRAPHIC CLARITY ONLY. WHENEVER POSSIBLE AND MINIMIZE TRENCHING UNDER EXISTING TREES.
- PLACE IRRIGATION PIPING ALONG THE EDGE OF PAVEMENT IF POSSIBLE AND MINIMIZE TRAFFIC HAZARDS DUE TO EXISTING TRAFFIC.
NOTE:
IRRIGATION PIPING LOCATIONS MAY BE DRAWN FOR GRAPHIC CLARITY ONLY. WHENEVER POSSIBLE, PIPING IS TO BE INSTALLED IN SOIL AREAS & MAINLINE AND LATERAL LINES SHALL BE PLACED IN SAME TRENCH. PLACE IRRIGATION PIPING ALONG THE EDGE OF PAVEMENT IF POSSIBLE AND MINIMIZE TRENCHING UNDER EXISTING TREES.

**IRRIGATION PIPING LOCATIONS**

1. **1" IRRIGATION BACKFLOW PREVENTER**
   - BURIED IRRIGATION LINE (PVC SCH 40)

2. **RAIN SENSOR: HUNTER MINI-CLIK**

3. **1" ELECTRIC VALVE: HUNTER PGV 101**
   - HUNTER PRO-C 12 STATIONS CONTROLLER: PCC-12
   - 1" IRRIGATION METER

**SCHEDULE OF IRRIGATION ZONES**

<table>
<thead>
<tr>
<th>ZONE NUMBER</th>
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**IRRIGATION SCHEDULE**

- PROJECT NUMBER: IR3.0

**IRRIGATION PLAN**

**KEY MAP**

- SHEET IR3.0

**COORDINATE EXACT LOCATION**

- OPEN (UNCOVERED) LOCATION.