GENERAL NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR RENEWING DEPARTMENT ISSUED FLAT SPREAD, ROOT BANK PROTECTION AND ROW PLOWING PERMITS ON AN AD HOC BASIS AS REQUIRED BY THE FDEP, WATER MANAGEMENT DISTRICT, COUNTY, OWNER AND ENGINEER.

2. CONTRACTOR SHALL OBTAIN PERMITS FOR ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION COMMENCEMENT.

3. CONTRACTOR SHALL BIND TO THE ELEVATIONS, ELEVATIONS OF PIPES WHERE DEPTH OF COVER VARIES FROM TEN TO TWENTY (10-20) INCHES. ELEVATIONS ARE REFERRED TO IN THE APPROPRIATE SWPPP OR PLAN FILE.

4. CONTRACTOR SHALL TAKE PRECEDENCE OVER THE SIGN SPECIFIED IN THE CONSTRUCTION SIGN INDEX. SIGNS SPECIFIED IN THE INDEXES THAT ARE REFERRED TO IN THE TRAFFIC CONTROL PLAN SHALL BE PLACED IN ADDITION TO THE SIGN SPECIFIED IN THE TRAFFIC CONTROL PLAN.

5. THE IMPLEMENTATION OF THE TRAFFIC CONTROL PLAN FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.

6. GENERAL TRAFFIC CONTROL NOTES:

1. NE 3RD AVE. TO HAVE A MINIMUM OF 2 FUNCTIONAL DRIVING LANES OPEN DURING CONSTRUCTION.

2. RESIDENTIAL ROADS MAY HAVE A MINIMUM OF 1 FUNCTIONAL DRIVING LANES OPEN DURING CONSTRUCTION.

3. STAKED OR FLOATING SILT SCREENS OR FIBER ROLLS SHALL BE UTILIZED AS SILT BARRIERS AND PLACED IN LOCATIONS SHOWN ON THE APPROVED SWPPP AND AT BARRIERS AND PROTECTED FROM EROSION. ADDITIONALLY, SEDIMENTATION FROM STOCKPILES MAY CAUSE DAMAGE TO WETLAND. ADDITIONALLY, WETLAND JURISDICTIONAL AREAS WITHIN OR ADJACENT TO JURISDICTIONAL AREAS. WETLAND JURISDICTIONAL AREAS AND/OR MITIGATION PLAN, SUBMITTING PLAN TO AND OBTAINING APPROVAL FROM FDEP, WATER MANAGEMENT DISTRICT, COUNTY, OWNER AND ENGINEER, AND MAY BE OBTAINED AT THE COST OF REPRODUCTION.

7. UTILITY NOTIFICATION PROGRAM, COMMONLY REFERRED TO AS "ONE CALL", BUT DOES NOT INCLUDE ALL PUBLIC WATER & WASTEWATER UTILITIES THAT ARE LOCATED OUTSIDE THE PUBLIC RIGHT-OF-WAY IN THE AREA OF THE PROJECT.

8. OTHER FEATURES ARE BASED UPON BEST AVAILABLE INFORMATION REVIEWED AT THE MATERIALS TESTING LABORATORY FOR COMPLIANCE TESTING. INSPECTIONS OR OTHER REPORTED TO ENGINEER IMMEDIATELY.

9. THE CONTRACTOR SHALL REPLACE ALL PAVING, STABILIZED EARTH DRIVEWAYS, WATERWAYS SHALL BE RESTORED TO THEIR PRE-CONSTRUCTION CONFIGURATION UNLESS OTHERWISE NOTED, IF APPLICABLE.

10. THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE OWNER'S REPRESENTATIVE IF ANY TREES ARE REMOVED IN WETLAND BARRIERS AND FENCING SHALL CONTINUOUSLY AND FULLY ENCIRCLE ALL WITH FDEP, WATER MANAGEMENT DISTRICT, COUNTY, OWNER AND ENGINEER, AND MAY BE OBTAINED AT THE COST OF REPRODUCTION.

11. TEMPORARY TREES REMOVED IN WETLAND ARE LOCATED WITHIN THE PUBLIC RIGHT-OF-WAY, AND MAY REQUIRE REPLANTING.

12. THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE OWNER'S REPRESENTATIVE IF ANY TREES ARE REMOVED IN WETLAND AND/OR MITIGATION PLAN, SUBMITTING PLAN TO AND OBTAINING APPROVAL FROM FDEP, WATER MANAGEMENT DISTRICT, COUNTY, OWNER AND ENGINEER, AND MAY BE OBTAINED AT THE COST OF REPRODUCTION.

13. ALL DUST SHALL BE CONTROLLED ON SITE. ONLY AREAS SCHEDULED FOR IMMEDIATE WATERING, APPLICATION OF CALCIUM CHLORIDE OR OTHER PRIOR APPROVED MEANS SHALL BE INCLUDED IN THE LUMP SUM COSTS.

14. ALL BURIED PIPELINES, CONDUITS, CABLES, ETC. SHALL HAVE A MINIMUM COVER OF 36 INCHES OF SURFICIAL SOILS FROM THE FULL WIDTH OF THE AREA TO BE DISTURBED.

15. SUBSURFACE INFORMATION, WHEN AVAILABLE, MAY BE REVIEWED IN THE OFFICE OF THE市のENGINEER AND MAY BE OBTAINED AT THE COST OF REPRODUCTION.

16. ALL CONSTRUCTION ACTIVITIES WITH ALL AFFECTED PERSONS, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR USE BY THE CONTRACTOR OR ITS AGENTS.

17. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH ALL AFFECTED PERSONS.

18. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR CONTROL OF GROUND OR SURFACE WATER OR FOR ADDITIONAL MATERIALS OR TIME REQUIRED AS A RESULT OF THE ENGINEER, AND MAY BE OBTAINED AT THE COST OF REPRODUCTION.

19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC AND USAGE OF THE ENGINEER, AND MAY BE OBTAINED AT THE COST OF REPRODUCTION.

20. THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE OWNER'S REPRESENTATIVE IF ANY TREES ARE REMOVED IN WETLAND ARE LOCATED OUTSIDE THE PUBLIC RIGHT-OF-WAY, AND MAY REQUIRE REPLANTING.

21. ALL BURIED PIPELINES, CONDUITS, CABLES, ETC. SHALL HAVE A MINIMUM COVER OF 36 INCHES OF SURFICIAL SOILS FROM THE FULL WIDTH OF THE AREA TO BE DISTURBED.

22. ALL DUST SHALL BE CONTROLLED ON SITE. ONLY AREAS SCHEDULED FOR IMMEDIATE WATERING, APPLICATION OF CALCIUM CHLORIDE OR OTHER PRIOR APPROVED MEANS SHALL BE INCLUDED IN THE LUMP SUM COSTS.

23. CONSTRUCTION SHALL BE CARRIED OUT 'IN THE DRY'. THE CONTRACTOR SHALL REVIEW AND ACCURACY OR CORRECTNESS FOR THE CONTRACTOR'S CONSTRUCTION NEEDS.

24. DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE AS REQUIRED BEFORE CONSTRUCTION COMMENCEMENT.

THREE SISTERS SPRINGS TRAIL
S.E. 2ND COURT
8" PVC
(3) 12" DIP
(2) 28" RCP
N.E. 2ND STREET
N.E. 1ST STREET
18" RCP
GAS LINE
GAS LINE
GAS LINE
8" PVC
8" PVC
8" PVC
EXISTING CONCRETE OVERFLOW WEIR (OVERFLOW CREST ELEV. = 2.82)
EXISTING CONCRETE OVERFLOW WEIR (OVERFLOW CREST ELEV. = 2.82)
NOTE: ALL STRUCTURES FULL OF CONCRETE
INV: 0.85 (24"x30" ERCP W)
INV: 0.63 (24"x30" ERCP W)
INV: 0.13 (24"x30" ERCP W)
INV: 0.56 (24"x30" ERCP W)
NOTE: ALL STRUCTURES FULL OF CONCRETE
INV: 0.73 (24"x30" ERCP E)
INV: 0.58 (24"x30" ERCP E)
INV: 0.54 (24"x30" ERCP E)
INV: 0.67 (24"x30" ERCP E)
NOTE: ALL STRUCTURES FULL OF CONCRETE
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INVERTS "A"

INV: 0.85 (19"x30" ERCP W)
INV: 0.63 (19"x30" ERCP W)
INV: 0.13 (19"x30" ERCP W)
INV: 0.56 (19"x30" ERCP W)

NOTE: ALL STRUCTURES FULL OF CONCRETE

INVERTS "B"

INV: 0.73 (19"x30" ERCP E)
INV: 0.58 (19"x30" ERCP E)
INV: 0.54 (19"x30" ERCP E)
INV: 0.67 (19"x30" ERCP E)

NOTE: ALL STRUCTURES FULL OF CONCRETE

EXISTING CONCRETE OVERFLOW WEIR (OVERFLOW CREST ELEV. = 2.82)
SHOULD ANY NOTICEABLE SOIL SLUMPING OR SINKHOLE FORMATION BECOME EVIDENT, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CITY AND RESPOND AND PERFORM ONE OR MORE OF THE FOLLOWING PROCEDURES, AS APPROPRIATE:

a. IF THE SLUMPING OR SINKHOLE FORMATION BECOMES EVIDENT BEFORE OR DURING CONSTRUCTION ACTIVITIES, ALL WORK (EXCEPT FOR MITIGATION ACTIVITIES) SHALL STOP IN THE AFFECTED AREA;

b. THE CONTRACTOR SHALL TAKE IMMEDIATE MEASURES TO ENSURE NO SURFACE WATER DRAINS INTO THE AFFECTED AREA;

c. THE CONTRACTOR SHALL VISUALLY INSPECT THE AFFECTED AREA;

d. THE CONTRACTOR SHALL EXCAVATE AND BACK FILL AS REQUIRED TO FILL THE AFFECTED AREA AND PREVENT FURTHER SUBSIDENCE. THE CONTRACTOR SHALL USE GEOTEXTILE MATERIALS IN THE BACK FILLING OPERATION, WHEN APPROPRIATE;

e. THE CONTRACTOR SHALL MAINTAIN A MINIMUM DISTANCE OF FIVE (5) FEET FROM THE SURFACE OF THE AFFECTED AREA TO POTENTIAL LIME ROCK, CLAY, OR KARST CONNECTION;

f. IF THE AFFECTED AREA IS IN THE VICINITY OF A WATER RETENTION AREA, THE CONTRACTOR SHALL RELOCATE THE RETENTION AREA IF THE ABOVE METHODS DO NOT STABILIZE THE COLLAPSE.

BACKFILL W/ LIMEROCK BOULDERS (APPROX. SIZE @ 1/2 TO 1/3 SINK DIA.) 24" 24"

SECTION B-B

SECTION A-A

SECTION H-R
1. PIPE BEDDING: SELECT COMMON FILL COMPARED TO MATCH EXISTING SOIL DENSITY.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO MATCH EXISTING SOIL DENSITY.
3. USE TYPE A BEDDING TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CITY.
4. MIN. 12” WALL FOR THE CHAMBER LESS THAN 24”, AND 24” WALL FOR THE CHAMBER 24” AND LARGER.
5. PIPE DIA. TO BE DETERMINED BY THE CITY DURING CONSTRUCTION.
6. ALL FVE TO THE FNURED IN THE FIELD TO THE DIRECTION OF THE FLOW.
7. PIPE DIA. TO BE DETERMINED IN THE FIELD.
8. MIN. 12” WALL FOR THE CHAMBER 24” AND LARGER.
9. PIPE DIA. TO BE DETERMINED IN THE FIELD.
10. PIPE DIA. TO BE DETERMINED IN THE FIELD.
11. USE 4” (3000 PSI) CONCRETE FOR PIPE BEDDING.
12. USE 1/2” REBAR FOR PIPE BEDDING.
13. USE 1/4” REBAR FOR PIPE BEDDING.
14. USE 20’ MIN. PIPE WALL.
15. USE 2” MIN. PIPE WALL.
16. LEAN NO FLOODING IN THE TRENCH DURING CONSTRUCTION.
17. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF FLOW.
18. SHEETING AND BRACING IN EXCAVATION AS REQUIRED BY OSHA.
19. BEDDING DEPTH SHALL BE 6” MIN.
20. DEPTH FOR REMOVAL OF UNSUITABLE MATERIAL SHALL GOVERN DEPTH OF BEDDING ROCK BELOW THE PIPE. CITY SHALL DETERMINE IN THE FIELD REQUIRED REMOVAL OF UNSUITABLE MATERIAL TO REACH SUITABLE FOUNDATION.
TREATMENT OF SEDIMENT CONTROL PRACTICES:

Sediment control practices shall be functional throughout earth-disturbing activity.

1. DITCH BARRIERS:

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STOCKPILES:

Temporary erosion control features shall be acceptably maintained and shall be removed or replaced when directed by the engineer at no cost to the owner. All work shall be performed in accordance with the specifications.

INLET PROTECTION:

Sediment barriers such as sediment fence or diversion to settling sediment barriers. Sheet flow runoff from denuded areas shall be intercepted by sediment barriers.

CONTROL PRACTICES SHALL PRESERVE EXISTING VEGETATION WHERE ATTAINABLE AND DISTURBED AREAS SHALL BE RE-VEGETATED AS SOON AS PRACTICAL AFTER GRADING OR CONSTRUCTION.

SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL THROUGHOUT EARTH-DISTURBING ACTIVITY.

REPLANT AS REQUIRED. MAINTAIN ESTABLISHED COVER AT MAXIMUM 6" HEIGHT. BARE AREAS. INSPECT ESTABLISHED COVER EVERY 15 DAYS FOR DAMAGE;

WATER FLOW IS RESTRICTED BY SEDIMENT.

2. INSPECTION SCHEDULE:

5. PERFORM FINAL GRADING.

4. INSTALL (2) 19"x30" ERCP AND (4) MES.

2. PERFORM DEMOLITION ACTIVITIES.

VEGETATIVE PLANTING - INSPECT AFTER SPROUTING OCCURS AND REPLANT

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY.

BENEATH BALES. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING PROLONGED RAINFALL.

STRAW BALES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING A RAINY PERIOD.

APPLICATIONS APPLY HERE, WITH THE FOLLOWING ADDITION. THE STRAW BALES THE REMAINING STEPS FOR INSTALLING A STRAW BALE BARRIER FOR SHEET FLOW

1. THIS SEDIMENT BARRIER UTILIZES STANDARD STRENGTH OR EXTRA STRENGTH FABRIC. USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED IN SUCH A CASE, THE

THE TRENCH SHALL BE BACKFILLED AND SOIL COMPACTED OVER THE FILTER STRUCTURE.

123 NW HWY 19, CITY OF CRYSTAL RIVER

1. PERFORM INITIAL GROUNDWORK.

CONSTRUCTION ACCESS ROUTES:

WEIGHTS SHALL BE USED TO PREVENT SIDE TUNNELS FORMING ON SURFACES OF PUBLIC ROADS WHERE FEET ARE NOT CENTRALIZED.

INSPECTION SCHEDULE:

1. INSTRUCTION SMALL AND STRUCTURAL PROTECT - PERFORM EVERY 7 DAYS OR AFTER EACH CONSTRUCTION WORKING INTERVAL AS REQUIRED.

2. PERFORM EROSION CONTROL ACCORDING TO INITIAL SETTLEMENTS AND TIME INTERVALS SHOWN ON THE BLUEPRINTS.

3. USE TYPICAL PLANNED FOR PROJECT APPROACHING OPTIONS AND INSTALL BARRIERS TO PROTECT TYPICAL IMPLEMENTS TO BE DETERMINED ACCORDING TO MANAGEMENT SHOWN ON THE DRAWINGS.

CONSTRUCTION SEQUENCE:

1. INITIAL EROSION CONTROL MEASURES

2. PERFORM SETTLEMENT ACTIVITIES

3. COMPLETE PAVING

4. BARRIER OF RPM AND (4) MES

5. PERFORM FINAL DRAG

6. PERFORM TECHNOLOGY SPECIFICATION

7. PERFORM CONSTRUCTION MAINTENANCE UNDERTAKE ALL CONSTRUCTION OPERATIONS.

ADDITIONAL MEASURES:

THE PLAN AND NARRATIVE CREATE THE DESIGN OF EROSION AND SEDIMENT CONTROL MEASURES. IN THE OPINION OF THE ENGINEER, THE MASTER PLAN IS REASONABLE AND ACCEPTABLE TO FULLY COMPLY WITH ALL GOVERNMENTAL RULES AND/OR PERMIT REQUIREMENTS.

EROSION AND SEDIMENT CONTROL NARRATIVE:

PLAN IDENTIFICATION AND APPROVAL:

EROSION AND SEDIMENT CONTROL NARRATIVE:

SOUTH:

EAST:

NORTH:

WEST:

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CITY OF CRYSTAL RIVER

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4. BARRIER OF RPM AND (4) MES

5. PERFORM FINAL DRAG

6. PERFORM TECHNOLOGY SPECIFICATION

7. PERFORM CONSTRUCTION MAINTENANCE UNDERTAKE ALL CONSTRUCTION OPERATIONS.
1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.

2. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.

3. STEEL 1.33 LBS/FT. MIN. OR 3" MIN. DIA. WOOD, POST (OPTIONS 2"x2"x4 1/2" HIGH WITH SEC. 985 FDOT SPECIFICATIONS) (IN CONFORMANCE FILTER FABRIC EXISTING GROUND 10' MAX.)

5. ALLOWANCE OF EQUIPMENT OR STORAGE OF EQUIPMENT, MATERIALS, DEBRIS, OR FILL WITHIN THE TREE PROTECTION ZONE (TPZ) OF ANY TREE IS NOT ALLOWED.

6. AS REQUIRED.

1. TREE PROTECTION NOTES: THE MOVEMENT OF EQUIPMENT OR STORAGE OF EQUIPMENT, MATERIALS, DEBRIS, OR FILL WITHIN THE TPZ OF ANY TREE IS NOT ALLOWED. CLEANING OF EQUIPMENT OR MATERIAL OR THE DISPOSAL OF WASTE MATERIALS, INCLUDING BUT NOT LIMITED TO, BARRICADES SHALL BE INSPECTED WEEKLY DURING THE DURATION OF CONSTRUCTION AND REPAIRED/REINSTALLED. BARRICADES SHALL BE MADE OF RIGID MATERIAL CAPABLE OF SURVIVING FOR THE DURATION OF THE CONSTRUCTION. FOR LARGE GROUPS OF TREES, BARRICADES MAY BE PLACED BETWEEN THE PROTECTED TREES AND THE TREE PROTECTION BARRICADES SHALL BE INSTALLED AROUND ALL PROTECTED TREES AND GROUPS OF TREES PRIOR TO ANY CLEARING OR GRADING OPERATIONS, INCLUDING THE REMOVAL OF OTHER TREES.

3. TYPICAL DITCH BARRIER

SOD TO BE PLACED 2' (MIN.) BEYOND TOP OF SWALE SLOPE PER PLANS.

4. TYPICAL SWALE SECTION

PVC FABRIC (300 PSI TEST) WITH VACUUM FILTER FABRIC WITHIN THE TREE PROTECTION ZONE

5. TYPICAL RETENTION/DETENTION POND SECTION

SOD TO BE PLACED 2' (MIN.) BEYOND TOP OF BANK PER PLANS.

6. TYPICAL DITCH BARRIER

FLOATATION (8" DIA. EQUIV.) 17 LBS.

7. TYPICAL DITCH BARRIER

SILT FLOW PAVEMENT EXISTING CAST STEEL 5/16" GALVANIZED CHAIN 5/8" POLYPRO ROPE (600 lb. BREAKING STRENGTH)

8. TYPICAL DITCH BARRIER

PVC FABRIC (300 PSI TEST) 1/4" GALVANIZED CHAIN 5/16" GALVANIZED STEEL CABLE (9800 LBS. BREAKING STRENGTH) WITH GALVANIZED CONNECTORS (TOOL FREE DISCONNECT) 6" MIN. DIA. WOOD, POST (OPTIONS 2"x2"x4 1/2" HIGH WITH SEC. 985 FDOT SPECIFICATIONS) (IN CONFORMANCE FILTER FABRIC EXISTING GROUND 10' MAX.)

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SILT FLOW PAVEMENT EXISTING CAST STEEL 5/16" GALVANIZED CHAIN 5/8" POLYPRO ROPE (600 lb. BREAKING STRENGTH)

11. TYPICAL DITCH BARRIER

PVC FABRIC (300 PSI TEST) 1/4" GALVANIZED CHAIN 5/16" GALVANIZED STEEL CABLE (9800 LBS. BREAKING STRENGTH) WITH GALVANIZED CONNECTORS (TOOL FREE DISCONNECT) 6" MIN. DIA. WOOD, POST (OPTIONS 2"x2"x4 1/2" HIGH WITH SEC. 985 FDOT SPECIFICATIONS) (IN CONFORMANCE FILTER FABRIC EXISTING GROUND 10' MAX.)

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