

GENERAL PROVISIONS

1. THE GENERAL NOTES PRESENTED HEREIN ARE INTENDED TO SERVE AS A GUIDE TO THE CONTRACTOR AND ARE NOT INTENDED TO SUPERCEDE GOVERNING JURISDICTIONAL CRITERIA THAT MAY APPLY. FOR SPECIFIC ITEMS NOT IDENTIFIED ON THE CONSTRUCTION PLANS, THE CONTRACTOR SHALL REQUEST INFORMATION FROM THE ENGINEER AND JURISDICTIONAL INSPECTOR PRIOR TO COMMENCEMENT OF WORK AND ORDERING OF APPLICABLE MATERIALS.
2. PRIOR TO CONSTRUCTION WORK, THE CONTRACTOR SHALL COORDINATE CLOSELY WITH THE DEVELOPER FOR TIMING OF CONSTRUCTION TASKS THAT MAY AFFECT ADJACENT PROPERTY USERS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION OF ALL WORK SHOWN OR IMPLIED ON THE CONSTRUCTION PLANS AND SHALL INCLUDE COST TO PERFORM AND INSTALL WORK ITEMS ON BID.
4. THE CONTRACTOR SHALL OBTAIN FROM THE DEVELOPER COPIES OF ALL AVAILABLE REGULATORY AGENCY PERMITS.
5. CONSTRUCTION ACTIVITIES THAT WILL RESULT IN THE DISTURBANCE OF ONE (1) OR MORE ACRES OF LAND ARE REQUIRED TO OBTAIN COVERAGE UNDER THE U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) AND FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES (GPP) IF STORMWATER FROM THE ACTIVITY HAS THE POTENTIAL TO ENTER A SURFACE WATER OF THE STATE OR A MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4). A GCP NOTICE OF INTENT (NOI) FORM MUST BE FILED WITH THE AGENCY HAVING JURISDICTION OVER THE NPDES PROGRAM AT LEAST 2 DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION. COVERAGE WILL BE EFFECTIVE 48 HOURS AFTER THE POST-MARKED DATE OF THE COMPLETE NOI SUBMITTAL. THE OPERATOR OF THE PROJECT IS REQUIRED TO SIGN AND FILE THE NOI. THE OPERATOR IS THE ENTITY THAT OWNS OR OPERATES THE PROJECT AND HAS SUFFICIENT AUTHORITY TO ASSURE COMPLIANCE WITH THE PERMIT REQUIREMENTS. TYPICALLY, THE OPERATOR WILL BE THE OWNER, DEVELOPER, OR GENERAL CONTRACTOR. THE ARCHITECT/ENGINEER SHOULD NOT BE INDICATED AS THE OPERATOR AND SIGN THE NOI UNLESS THEY HAVE OPERATIONAL CONTROL OVER THE PROJECT. THE RESPONSIBLE AUTHORITY IS THE PERSON THAT HAS AUTHORITY TO SIGN THE NOI FOR THE OPERATOR. TO TERMINATE PERMIT COVERAGE, THE OPERATOR SHALL FILE A NOTICE OF TERMINATION (NOT) WITHIN 14 DAYS OF FINAL STABILIZATION OF THE SITE. THE CONTRACTOR SHALL KEEP ON SITE A COPY OF THE SWPPP, NOI, AND WATER MANAGEMENT DISTRICT PERMITS ISSUED, TOGETHER WITH THE INSPECTION REPORTS AND CURRENT PLANS, INCLUDING ANY MODIFICATIONS REQUIRED.
6. UNLESS OTHERWISE NOTED ON THE PLANS, THE CONTRACTOR SHALL USE THE GEOMETRY PROVIDED ON THE CONSTRUCTION PLANS. BENCHMARK INFORMATION SHALL BE PROVIDED TO THE CONTRACTOR BY THE DEVELOPER OR DEVELOPER'S SURVEYOR. ANY DISCREPANCIES BETWEEN FIELD MEASUREMENTS AND CONSTRUCTION PLAN INFORMATION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
7. THIS SET OF PLANS MAY CONTAIN DRAWINGS PREPARED BY OTHER PROFESSIONALS, WHICH CONTAIN THE NAME, ADDRESS, AND LOGO OF THE PROFESSIONAL. FORESITE GROUP, INC. IS NOT RESPONSIBLE FOR DRAWINGS PREPARED BY OTHER PROFESSIONALS.
8. THE CONTRACTOR SHALL SUBMIT A COPY OF THE SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING THE MATERIALS REQUIRED FOR CONSTRUCTION. PRIOR TO SUBMISSION, THE CONTRACTOR SHALL THOROUGHLY CHECK SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES FOR COMPLETENESS AND FOR COMPLIANCE WITH THE CONSTRUCTION PLANS. THE CONTRACTOR SHALL ALSO VERIFY ALL DIMENSIONS AND FIELD CONDITIONS PERTAINING TO THE SHOP DRAWINGS AND SHALL COORDINATE ANY RELATED WORK. AT THE TIME OF SUBMISSION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF DEVIATIONS IN SUBMITTALS FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. THE CONTRACTOR'S RESPONSIBILITY FOR ERRORS AND OMISSIONS IN SUBMITTALS IS NOT RELIEVED BY THE ENGINEER'S REVIEW OF SUBMITTALS.
9. THE CONTRACTOR SHALL PROTECT BENCHMARKS, PROPERTY CORNERS, AND OTHER SURVEY MONUMENTS FROM DAMAGE OR DISPLACEMENT. IF A MARKER NEEDS TO BE REMOVED, IT SHALL BE REFERENCED BY A LICENSED LAND SURVEYOR AND REPLACED, AS NECESSARY, BY SAME.
10. THE CONTRACTOR IS RESPONSIBLE FOR ALL QUALITY CONTROL TESTING. MINIMUM TESTING SHALL INCLUDE, BUT NOT BE LIMITED TO: A) PIPING AND STRUCTURAL EXCAVATION, BEDDING, BACKFILL MATERIALS AND DENSITY TESTS; B) DETERMINATION OF COMPACTIVE EFFORT NEEDED FOR COMPLIANCE WITH THE DENSITY REQUIREMENTS; C) CONCRETE AND ASPHALT QUALITY CONTROL TESTING INCLUDING DESIGN MIX REVIEW, MATERIALS, FIELD SLUMP AND AIR CONTENT, AND FIELD- AND LAB-CURED STRENGTH SAMPLES AND TESTING.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REQUIRED TESTING OR APPROVALS FOR ANY WORK (OR ANY PART THEREOF) IF LAWS OR REGULATIONS OF ANY REGULATORY AGENCY SPECIFICALLY REQUIRE TESTING, INSPECTIONS OR APPROVAL. THE CONTRACTOR SHALL PAY ALL ASSOCIATED COSTS AND SHALL FURNISH THE DEVELOPER AND ENGINEER THE REQUIRED CERTIFICATES OF INSPECTION, TESTING OR APPROVAL.
12. ANY DESIGN OR TESTING LABORATORY UTILIZED BY THE CONTRACTOR SHALL BE AN INDEPENDENT LABORATORY ACCEPTABLE TO THE DEVELOPER AND THE ENGINEER, APPROVED IN WRITING, AND COMPLYING WITH THE LATEST EDITION OF THE "RECOMMENDED REQUIREMENTS FOR INDEPENDENT LABORATORY QUALIFICATION," PUBLISHED BY THE AMERICAN COUNCIL OF INDEPENDENT LABORATORIES.
13. ALL TEST RESULTS SHALL BE PROVIDED (PASSING AND FAILING) ON A REGULAR AND IMMEDIATE BASIS TO THE DEVELOPER AND ENGINEER.
14. THE ENTIRE PROJECT SITE SHALL BE THOROUGHLY CLEANED AT THE COMPLETION OF THE WORK. CLEAN ALL INSTALLED PIPELINES, STRUCTURES, SIDEWALKS, PAVED AREAS, ACCUMULATED SILT IN PONDS, AND ALL ADJACENT AREAS AFFECTED BY WORK. EQUIPMENT TO CLEAN THESE SURFACES SHALL BE SUBJECT TO APPROVAL BY THE DEVELOPER.

EROSION AND SEDIMENT CONTROL

1. EROSION AND SEDIMENT CONTROL MEASURES AS DESCRIBED ON THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE PROVIDED AND INSTALLED PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK. MINIMUM SEDIMENT CONTROL CONSISTS OF SILT FENCING, HAY BALES, AND FLOATING TURBIDITY BARRIERS PER FOOT INDEX NO. 102 AND 103. MINIMUM EROSION CONTROL CONSISTS OF SEEDING AND MULCHING, SODDING, WETTING SURFACES, PLACEMENT OF COARSE AGGREGATE, AND TEMPORARY PAVING.
2. MAINTAIN TEMPORARY EROSION CONTROL SYSTEMS AS DIRECTED BY OWNER, OR GOVERNING AUTHORITIES TO CONTROL EROSION AND SILTATION DURING CONSTRUCTION PERIOD. OWNER HAS AUTHORITY TO LIMIT SURFACE AREA OF ERODIBLE EARTH MATERIAL EXPOSED BY CLEARING AND GRUBBING, EXCAVATION, TRENCHING, BORROW AND EMBANKMENT OPERATIONS. OWNER ALSO HAS AUTHORITY TO DIRECT CONTRACTOR TO PROVIDE IMMEDIATE PERMANENT OR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES.
3. CONTRACTOR SHALL RESPOND TO EROSION AND SEDIMENT CONTROL MAINTENANCE REQUIREMENTS AS SITE CONDITIONS WARRANT, AND IMPLEMENT ADDITIONAL MEASURES TO CONTROL EROSION ORDERED BY OWNER OR GOVERNING AUTHORITIES WITHIN FORTY-EIGHT (48) HOURS OR SOONER IF REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
4. CONTRACTOR WILL BE REQUIRED TO INCORPORATE PERMANENT EROSION CONTROL FEATURES INTO PROJECT AT EARLIEST PRACTICAL TIME TO MINIMIZE NEED FOR TEMPORARY CONTROLS.
5. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS REPRESENT A MINIMUM REQUIREMENT. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES NEEDED IN ORDER TO PREVENT THE TRANSFER OF SEDIMENT FROM THE PROJECT AREA AND PREVENT THE EROSION OF SURFACES DURING CONSTRUCTION, AS NEEDED TO PROTECT ADJACENT PROPERTIES AND WATER BODIES.
6. GRASS ALL DISTURBED AREAS WITHIN SEVEN (7) DAYS OF INITIAL DISTURBANCE. TYPE OF GRASS SHALL BE AS FOLLOWS: TEMPORARY GRASSING TO BE SODDING AT ALL DRAINAGE STRUCTURES, RETENTION AREAS, SWALES AND DITCHES, AND WHERE SLOPES ARE STEEPER THAN 5:1. TEMPORARY GRASSING CAN BE SEED AND MULCH AT ALL OTHER LOCATIONS UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR SPECIFICATIONS.
7. CONTRACTOR SHALL INSPECT EVERY TWO (2) WEEKS DURING CONSTRUCTION, REMOVE ANY SEDIMENT BUILD-UP, AND REPAIR AND REINSTALL ANY DAMAGED OR MISSING SEDIMENT CONTROL MEASURES. INSTALL ADDITIONAL MEASURES IF INSPECTION REVEALS ADDITIONAL SEDIMENTATION WHICH IS NECESSARY.
8. AREAS TO BE PAVED SHALL BE TREATED WITH A BITUMINOUS PRIME COAT AND SANDED TO MINIMIZE EROSION, WHERE PAVING IS SCHEDULED TO OCCUR MORE THAN FORTY-EIGHT (48) HOURS AFTER INSTALLATION OF BASE COURSE. AREAS TO BE PAVED WITH CONCRETE SHALL BE EITHER PROTECTED WITH A LAYER OF FOOT COARSE AGGREGATE MATERIAL OR SHALL BE PAVED WITHIN FORTY-EIGHT (48) HOURS OF INSTALLATION OF THE SUBGRADE. INSTALL FINAL SURFACE COURSES WITHIN FORTY-EIGHT (48) DAYS AFTER REMOVAL OF EXISTING PAVEMENT.

MAINTENANCE OF TRAFFIC

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A MAINTENANCE OF TRAFFIC (M.O.T.) PLAN PRIOR TO CONSTRUCTION. THE M.O.T. PLAN SHALL SHOW ALL PROPOSED TRAFFIC CONTROL SIGNS, PAVEMENT MARKINGS, BARRICADES, AND OTHER DEVICES AND SHALL DETAIL ALL PROPOSED CONSTRUCTION SEQUENCING. THE M.O.T. PLAN SHALL BE APPROVED BY THE ENGINEER, OWNER, AND ROADWAY JURISDICTIONAL AGENCY PRIOR TO CONSTRUCTION. ALL PROPOSED ROADWAY AND DRIVEWAY LANE CLOSURES AND TIMING SHALL BE CLOSELY COORDINATED WITH THE ROADWAY JURISDICTIONAL AGENCY PRIOR TO CONSTRUCTION.
2. ALL CONSTRUCTION SIGNING AND MARKINGS SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND MAINTAINED DURING CONSTRUCTION IN ACCORDANCE WITH FDOT INDEX NO. 600 AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE PLACEMENT OF THE SIGNING AND MARKINGS SHALL BE APPROVED IN THE FIELD BY THE ENGINEER PRIOR TO CONSTRUCTION.
3. INSPECT TRAFFIC CONTROL DEVICES ON A DAILY BASIS TO ENSURE PLACEMENT OF BARRICADES AND FUNCTION OF LIGHTS IS MAINTAINED THROUGHOUT CONSTRUCTION.
4. CONTRACTOR SHALL CONTACT PROPERTY OWNERS TO BE AFFECTED BY CONSTRUCTION AND SHALL COORDINATE TEMPORARY DRIVEWAY CLOSURES AND SEQUENCING. MAINTAIN ACCESS FOR ALL PROPERTY OWNERS DURING CONSTRUCTION.
5. WET UNSTABILIZED AREAS AS NECESSARY TO CONTROL DUST.
6. ADJUST TRAFFIC CONTROL DEVICES AS REQUIRED UNDER EMERGENCY CONDITIONS.
7. THE CONTRACTOR SHALL COORDINATE ACTIVITIES WITH OTHER CONTRACTORS WHO MAY BE WORKING IN THE IMMEDIATE VICINITY.
8. IF WORK OCCURS WITHIN FIFTEEN (15) FEET OF ACTIVE ROAD TRAVEL LANES BUT NO CLOSER THAN TWO (2) FEET FROM THE EDGE OF PAVEMENT, SIGNAGE AND WARNING DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH FDOT INDEX NO. 600 AND 602.
9. TYPE I OR TYPE II BARRICADES AT 20-FOOT CENTERS SHALL BE PLACED AND MAINTAINED ALONG THE EDGE OF THE ROAD WHEREVER DROP-OFFS OR OTHER HAZARDS EXIST, AND TO BLOCK ENTRANCE INTO COMPLETED OR PARTIALLY-COMPLETED PAVEMENTS UNTIL SUCH PAVEMENTS ARE OPEN TO PUBLIC USE.

SITE PREPARATION

1. UNLESS OTHERWISE DIRECTED BY THE DEVELOPER OR ENGINEER, THE CONTRACTOR SHALL CONTAIN ALL CONSTRUCTION ACTIVITIES WITHIN THE PROPERTY, RIGHT-OF-WAY (R.O.W.), AND EASEMENTS AS INDICATED ON THE DRAWINGS. AT NO TIME SHALL THE CONTRACTOR DISTURB SURROUNDING PROPERTIES OR TRAVEL ON SURROUNDING PROPERTIES WITHOUT WRITTEN CONSENT FROM THE PROPERTY OWNER. ANY REPAIR OR RECONSTRUCTION OF DAMAGED AREAS IN SURROUNDING PROPERTIES SHALL BE REPAIRED BY THE CONTRACTOR ON AN IMMEDIATE BASIS. ALL COSTS FOR REPAIRS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. STAKE OUT THE CONSTRUCTION AREA, ESTABLISH LINES AND LEVELS, TEMPORARY BENCH MARKS, BATTER BOARDS, CENTERLINES, BASELINES, AND REFERENCE POINTS FOR THE WORK, AND VERIFY ALL DIMENSIONS RELATING TO INTERCONNECTION WITH EXISTING FEATURES. REPORT ANY INCONSISTENCIES IN THE PROPOSED GRADES, LINES AND LEVELS, DIMENSIONS AND LOCATIONS TO THE ENGINEER BEFORE COMMENCING WORK.

3. PROTECT ALL TREES AND SHRUBS LOCATED OUTSIDE THE R.O.W., EASEMENTS, AND OWNER-SECURED PROPERTY, PARTICULARLY THOSE TREES AND SHRUBS LOCATED ADJACENT TO WORK AREAS.
4. WITHIN THE R.O.W., EASEMENTS, AND OWNER-SECURED PROPERTY, TREES AND SHRUBS SHALL REMAIN IN ACCORDANCE WITH THE FOLLOWING SCHEDULE: NEW ROADWAY CONSTRUCTION - TREES AND SHRUBS TO REMAIN WHERE LOCATED MORE THAN FIFTEEN (15) FEET FROM THE BACK OF CURB, OR OUTSIDE THE LIMITS OF EXCAVATION OR FILL AREAS, WHICHEVER IS FURTHER. UTILITY PIPELINE CONSTRUCTION - TREES AND SHRUBS TO REMAIN OUTSIDE A 16-FEET WIDE PATH, CENTERED ON THE PIPELINE.
5. TREES TO REMAIN IN THE CONSTRUCTION AREA SHALL BE BOXED, FENCED OR OTHERWISE PROTECTED IN ACCORDANCE WITH DETAILS ON THE DRAWINGS. DO NOT PERMIT HEAVY EQUIPMENT OR STOCKPILES WITHIN BRANCH SPREAD AREA.
6. EXERCISE EXTREME CARE DURING THE CLEARING AND GRUBBING OPERATIONS. DO NOT DAMAGE EXISTING STRUCTURES, PIPES OR UTILITIES.
7. CLEARING SHALL CONSIST OF REMOVING TREES AND BRUSH AND DISPOSAL OF OTHER MATERIALS THAT ENCROACH UPON OR OTHERWISE OBSTRUCT THE WORK.
8. GRUBBING SHALL CONSIST OF REMOVING AND DISPOSING OF STUMPS, ROOTS LARGER THAN TWO (2) INCHES IN DIAMETER, AND MATTED ROOTS. REMOVE TO A DEPTH OF NOT LESS THAN EIGHTEEN (18) INCHES BELOW THE ORIGINAL SURFACE LEVEL OF THE GROUND.
9. ALL COMBUSTIBLE DEBRIS AND REFUSE FROM SITE PREPARATION OPERATIONS SHALL BE PROPERLY REMOVED TO LEGAL OFF-SITE DISPOSAL AREAS.
10. DAMAGED AREAS SHALL BE REPLACED TO A CONDITION EQUAL TO OR BETTER THAN THE CONDITION PRIOR TO DISTURBANCE.

EARTHWORK

GRADING:

1. GRADING SHOWN ON THESE PLANS ARE PROVIDED TO THE CONTRACTOR FOR GENERAL GRADING INTENT OF THE PROJECT. THE CONTRACTOR SHALL GRADE THE ENTIRE SITE TO PROVIDE POSITIVE DRAINAGE IN ALL AREAS THROUGHOUT THE SITE. SMOOTH TRANSITIONS SHALL BE PROVIDED BETWEEN CONTOURS OR SPOT ELEVATIONS AS SHOWN ON THE PLANS TO ACCOMPLISH THE GRADING INTENT. ALL SLOPES SHALL BE STABILIZED IMMEDIATELY AFTER FINAL GRADING HAS BEEN COMPLETED. CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER PRIOR TO DEMOBILIZATION OF GRADING EQUIPMENT TO DETERMINE THAT THE GRADING INTENT HAS BEEN ACHIEVED.
2. ALL PAVING SURFACES IN INTERSECTIONS AND ADJACENT SECTIONS SHALL BE GRADED TO DRAIN POSITIVELY AND TO PROVIDE A SMOOTH TRANSITION OF DRIVING SURFACE FOR VEHICLES WITH NO SHARP BREAKS IN GRADE, AND NO UNUSUALLY STEEP OR REVERSE CROSS SLOPES. THE STANDARD CROWN MAY BE CHANGED TO DRAIN POSITIVELY IN THE AREA OF INTERSECTIONS. THE CONTRACTOR SHALL ACCOMPLISH THE ABOVE AND CONSULT THE ENGINEER SO THAT THE ENGINEER MAY MAKE ANY AND ALL REQUIRED INTERPRETATIONS OF THE PLANS OR GIVE SUPPLEMENTARY INSTRUCTIONS TO ACCOMPLISH THE INTENT OF THE PLANS.
3. UNIFORMLY SMOOTH GRADE THE SITE. DEPRESSIONS FROM SETTLEMENT SHALL BE FILLED AND COMPACTED. TOPS OF EMBANKMENTS AND BREAKS IN GRADE SHALL BE ROUNDED. FINISHED SURFACES SHALL BE REASONABLY SMOOTH, COMPACTED, FREE FROM IRREGULAR SURFACE CHANGES, AND COMPARABLE TO THE SMOOTHNESS OBTAINED BY BLADE GRADER OPERATIONS.
4. SLOPE GRADES TO DRAIN AWAY FROM STRUCTURES AT A MINIMUM OF 1/4-INCH PER FOOT FOR TEN (10) FEET. FINISHED SURFACES ADJACENT TO PAVED AREAS AND WITHIN TEN (10) FEET OF STRUCTURES SHALL BE WITHIN ONE (1) INCH OF THE PROPOSED GRADE. ALL OTHER AREAS SHALL BE WITHIN THREE (3) INCHES OF THE PROPOSED GRADE.
5. NEWLY-GRADED AREAS SHALL BE PROTECTED FROM TRAFFIC AND EROSION. ALL SETTLEMENT OR WASHING AWAY THAT MAY OCCUR PRIOR TO SEEDING OR ACCEPTANCE SHALL BE REPAIRED AND GRADES AND SLOPES RE-ESTABLISHED TO THE REQUIRED ELEVATIONS AT NO ADDITIONAL COST TO THE DEVELOPER.
6. THE CONTRACTOR SHALL NOTE THAT FILL AND COMPACTION REQUIREMENTS FOR EACH AREA OF THE SITE MAY DIFFER PER THE IMPROVEMENTS PROPOSED UPON THE RESPECTIVE SURFACE. PROPER FILL AND COMPACTION SHALL BE UTILIZED PER THE PLANS AND GEOTECHNICAL ANALYSIS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD FOR CLARIFICATION IF NECESSARY.
7. THE CONTRACTOR SHALL ENSURE THAT AREAS DESIGNATED FOR COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) ARE CONSTRUCTED PER CURRENT GUIDELINES.

EXCAVATION, TRENCHING, AND FILL:

1. THE CONTRACTOR SHALL RECOGNIZE AND ABIDE BY ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) EXCAVATION SAFETY STANDARDS, INCLUDING THE FLORIDA TRENCH SAFETY ACT (FS 553.60-553.64). ANY MATERIAL, CONSTRUCTION METHODS, OR MATERIAL COST REQUIRED TO COMPLY WITH THESE LAWS SHALL BE INCIDENTAL TO THE CONTRACT AND THE RESPONSIBILITY OF THE CONTRACTOR.
2. THE CONTRACTOR SHALL CONSULT THE GEOECHANICAL REPORT FOR SOIL PREPARATION AND GENERAL EARTHWORK REQUIREMENTS.
3. ROUGH EXCAVATE AND GRADE ANY PROPOSED STORMWATER PONDS AT THE BEGINNING OF SITE GRADING ACTIVITIES. DIRECT SITE RUNOFF TO THE PONDS TO MINIMIZE RUNOFF TO OFF-SITE AREAS.
4. FIELD DENSITY TESTING FREQUENCIES: A) ONE (1) TEST FOR EACH 10,000 SQUARE FEET OR FRACTION THEREOF PER LIFT OF GENERAL BACKFILLING, WITH A MINIMUM OF TWO (2) TESTS FOR EACH LAYER; B) ONE (1) TEST FOR EACH 100 SQUARE FEET OR FRACTION THEREOF OF BACKFILL AROUND AND UNDER STRUCTURES; C) ONE (1) TEST FOR EACH 300 LINEAL FEET OR FRACTION THEREOF PER LIFT OF GENERAL BACKFILLING IN THE PIPELINE TRENCH; D) ONE (1) TEST PER LIFT PER EACH CHANGE IN TYPE OF FILL; E) ONE (1) TEST PER 1000 SQUARE FEET OF PAVEMENT SUBGRADE, WITH A MINIMUM OF TWO (2) TESTS.
5. PREVIOUSLY-EXCAVATED MATERIALS CONFORMING TO THE FOLLOWING REQUIREMENTS SHALL BE UTILIZED WHEREVER POSSIBLE, UNLESS OTHERWISE DIRECTED BY GEOTECHNICAL REPORT:
 - A. ACCEPTABLE MATERIALS: AASHTO M145 CLASSIFICATION A-1, A-3, A-2-4, A-2-6; ASTM D2487 CLASSIFICATION GW, GP, GM, SM, SW, SP; UNLESS OTHERWISE DISAPPROVED WITHIN THE SOIL AND SUBSURFACE INVESTIGATION REPORTS. NO MORE THAN 12% OF ACCEPTABLE MATERIALS SHALL PASS THE NUMBER 200 SIEVE.
 - B. UNACCEPTABLE MATERIALS: AASHTO M145 CLASSIFICATION A-2-5, A-2-7, A-4, A-5, A-6, A-7, A-8; ASTM D2487 CLASSIFICATION GC, SC, ML, MH, CL, CH, OL, OH, PT; UNLESS OTHERWISE APPROVED WITHIN THE SOIL AND SUBSURFACE INVESTIGATION REPORTS.
6. PROVIDE BARRIERS, WARNING LIGHTS AND OTHER PROTECTIVE DEVICES AT ALL EXCAVATIONS.
6. SIDEWALKS, ROADS, STREETS, AND PAVEMENTS SHALL NOT BE BLOCKED OR OBSTRUCTED BY EXCAVATED MATERIALS, EXCEPT AS AUTHORIZED BY THE ENGINEER, IN WHICH CASE ADEQUATE TEMPORARY PROVISIONS MUST BE MADE FOR SATISFACTORY TEMPORARY SAFE PASSAGE OF PEDESTRIANS AND VEHICLES. MINIMIZE INCONVENIENCE TO PUBLIC TRAVEL OR TO ADJOINING PROPERTY USERS.
7. FURNISH, INSTALL, AND MAINTAIN, WITHOUT ADDITIONAL COMPENSATION, SHEETING, BRACING, AND SHORING SUPPORT REQUIRED TO KEEP EXCAVATIONS WITHIN THE PROPERTY OR EASEMENTS PROVIDED, TO SUPPORT THE SIDES OF THE EXCAVATION, AND TO PREVENT ANY MOVEMENT WHICH MAY DAMAGE ADJACENT PAVEMENTS OR STRUCTURES, DELAY THE WORK, OR ENDANGER LIFE AND HEALTH. VOIDS OUTSIDE THE SUPPORTS SHALL BE IMMEDIATELY FILLED AND COMPACTED.
8. ALL EXCAVATIONS SHALL BE MADE BY OPEN CUT UNLESS OTHERWISE INDICATED. SLOPE SIDES OF TRENCHES SHALL BE IN ACCORDANCE WITH OSHA REQUIREMENTS AND THE RECOMMENDATIONS CONTAINED WITHIN THE GEOTECHNICAL REPORT.
9. EXCAVATE TRENCHES TO DEPTH INDICATED OR REQUIRED FOR FLOW LINES AND INVERT ELEVATIONS. OVER EXCAVATE TRENCHES A MINIMUM OF TWO (2) FEET WHERE EXCAVATIONS OCCUR WITHIN UNSUITABLE SOILS, AND REPLACE OVER-EXCAVATED MATERIAL WITH SUITABLE SOILS.
10. EXCEPT AS OTHERWISE INDICATED ON PLANS OR SPECIFICATIONS, EXCAVATE FOR PRESSURE PIPING SO TOP OF PIPING IS A MINIMUM OF THREE (3) FEET BELOW FINISHED GRADE.
11. TRENCH BOTTOMS AND THE BOTTOMS OF ALL STRUCTURES SHALL BE KEPT DRY, COMPACTED, AND STABLE TO A DEPTH TWO (2) FEET BELOW THE BOTTOM OF THE TRENCH OR STRUCTURE.
12. ALL BEDDING, FILL, AND BACKFILL MATERIAL SHALL BE SUITABLE SOILS OR FLOWABLE FILL. WHERE TRENCH OR EXCAVATION IS WITHIN THE INFLUENCE AREA OF ROADWAYS, STRUCTURES, FOUNDATIONS, OR SLABS, PLACE BACKFILL IN LAYERS OF 8-INCH LOOSE DEPTH. IN ALL OTHER AREAS, PLACE FILL AND BACKFILL IN LAYERS OF 12-INCH LOOSE DEPTH.
13. MINIMUM DENSITY REQUIREMENT (ASTM D1557 OR AASHTO T180): FILL UNDER AND WITHIN THE INFLUENCE AREA OF ROADWAYS, STRUCTURES, SLABS, FOUNDATIONS = 98 PERCENT; POND AND ROAD EMBANKMENT FILL = 95 PERCENT; ALL OTHER AREAS = 90 PERCENT.

DEWATERING

1. DESIGN AND PROVIDE DEWATERING SYSTEM USING ACCEPTED AND PROFESSIONAL METHODS CONSISTENT WITH CURRENT INDUSTRY PRACTICE. PROVIDE DEWATERING SYSTEM OF SUFFICIENT SIZE AND CAPACITY TO CONTROL GROUNDWATER IN A MANNER THAT PRESERVES STRENGTH OF FOUNDATION SOILS, DOES NOT CAUSE INSTABILITY OR RAVELING OF EXCAVATION SLOPES, AND DOES NOT RESULT IN DAMAGE TO EXISTING STRUCTURES. LOWER WATER LEVEL, IN ADVANCE OF EXCAVATION BY UTILIZING WELLS, WELLPOINTS, OR SIMILAR POSITIVE CONTROL METHODS, MAINTAIN THE GROUNDWATER LEVEL TO A MINIMUM OF TWO (2) FEET BELOW EXCAVATIONS. PROVIDE PIEZOMETERS IF DIRECTED BY THE ENGINEER TO DOCUMENT THAT THE GROUNDWATER LEVEL IS BEING MAINTAINED.
2. BY ACCEPTABLE MEANS, CONTRACTOR SHALL CONTROL ALL WATER REGARDLESS OF SOURCE AND IS RESPONSIBLE FOR DISPOSAL OF THE WATER. NO ADDITIONAL PAYMENT WILL BE MADE FOR ANY SUPPLEMENTAL MEASURES TO CONTROL SEEPAGE, GROUNDWATER, OR ARTESIAN HEAD.
3. OPEN PUMPING WITH SUMPS AND DITCHES SHALL BE ALLOWED, PROVIDED IT DOES NOT RESULT IN BOILS, LOSS OF FINES, SOFTENING OF THE GROUND, OR INSTABILITY OF SLOPES. SUMPS SHALL BE LOCATED OUTSIDE OF LOAD BEARING AREAS SO THE BEARING SURFACES WILL NOT BE DISTURBED. WATER CONTAINING SILT IN SUSPENSION SHALL NOT BE PUMPED INTO SEWER LINES OR ADJACENT WATER BODIES. DURING NORMAL PUMPING AND UPON DEVELOPMENT OF WELL(S), LEVELS OF FINE SAND OR SILT IN THE DISCHARGE WATER SHALL NOT EXCEED FIVE (5) PPM.
4. IF DEWATERING EQUIPMENT EXCEEDS ANY OF THE FOLLOWING: (1) 6-INCH PUMP VOLUTE, (2) 100,000 GPD TOTAL FOR 24-HOUR DEWATERING, AND (3) 1,000,000 GPD PUMP CAPACITY, THEN THE CONTRACTOR SHALL BE REQUIRED TO PERMIT THE DEWATERING SYSTEM WITH THE WATER MANAGEMENT DISTRICT.
5. CONTINUOUSLY MAINTAIN EXCAVATIONS IN A DRY CONDITION WITH POSITIVE DEWATERING METHODS DURING PREPARATION OF SUBGRADE, INSTALLATION OF PIPE, AND CONSTRUCTION OF STRUCTURES UNTIL THE CRITICAL PERIOD OF CONSTRUCTION AND/OR BACKFILL IS COMPLETED TO PREVENT DAMAGE OF SUBGRADE SUPPORT, PIPING, STRUCTURE, SIDE SLOPES, OR ADJACENT FACILITIES FROM FLOTATION OR OTHER HYDROSTATIC PRESSURE IMBALANCE.
6. WHEN CONSTRUCTION IS COMPLETE, PROPERLY REMOVE ALL DEWATERING EQUIPMENT FROM THE SITE, INCLUDING WELLS AND RELATED TEMPORARY ELECTRICAL SERVICE.

STORM SEWER SYSTEMS

1. ALL STORM SEWER PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP) UNLESS OTHERWISE INDICATED ON THE DRAWINGS. ROUND RCP SHALL COMPLY WITH ASTM C76. ELLIPTICAL RCP SHALL COMPLY WITH ASTM C507. PIPE JOINTS AND O-RING GASKETS SHALL COMPLY WITH ASTM C443.
2. RCP SHALL NOT BE SHIPPED FROM MANUFACTURER UNTIL THE COMPRESSIVE STRENGTH OF THE PIPE HAS REACHED 4000 PSI AND A MINIMUM OF FIVE (5) DAYS HAVE PASSED SINCE THE MANUFACTURING OR REPAIR OF THE PIPE HAS BEEN COMPLETED.
3. CORRUGATED POLYETHYLENE (PE) PIPE AND FITTINGS SHALL BE HIGH DENSITY, IN ACCORDANCE WITH ASTM D3350. CELL CLASSIFICATION 324420C (4 INCHES - 10 INCHES) OR CELL CLASSIFICATION 335420C (12 INCHES - 36 INCHES). PIPE 4 INCHES - 10 INCHES SHALL COMPLY WITH AASHTO M252, TYPE S. PIPE 12 INCHES - 36 INCHES SHALL COMPLY WITH AASHTO M294, TYPE S. BELL JOINTS FOR 4 INCHES - 10 INCHES PIPE SHALL BE PUSH-ON SLEEVE. BELL JOINTS FOR 12 INCHES - 36 INCHES PIPE SHALL BE INTEGRALLY FORMED ON PIPE. GASKETS SHALL BE INSTALLED BY PIPE MANUFACTURER AND SHALL COMPLY WITH ASTM D1056, GRADE 2A2. FITTINGS SHALL COMPLY WITH AASHTO M294.
4. UNDERDRAIN PIPE SHALL BE PERFORATED POLYVINYL CHLORIDE PIPE IN ACCORDANCE WITH ASTM F758. FILTER FABRIC UNDERDRAIN SOCK SHALL BE TYPE D-3 IN ACCORDANCE WITH FDOT INDEX NO. 199.
5. ALL PIPE JOINTS SHALL BE WRAPPED WITH FILTER FABRIC. FILTER FABRIC SHALL BE IN ACCORDANCE WITH FDOT INDEX NO. 199, TYPE D-3, A.O.S. 70-100. INSTALL IN ACCORDANCE WITH FDOT INDEX NO. 280. PROVIDE MINIMUM 12-INCH OVERLAP.
6. INSTALL POLYETHYLENE PIPE IN ACCORDANCE WITH ASTM D2321. BACKFILL AND COMPACT EVENLY ON EACH SIDE TO PREVENT DISPLACEMENT.
7. INSTALL UNDERDRAINS IN ACCORDANCE WITH FDOT SPECIFICATION SECTION 440. INSTALL CLEANOUTS AS SHOWN ON THE DRAWINGS.
8. PRIOR TO INSPECTIONS AND TESTING, CLEAN ALL INSTALLED LINES AND STRUCTURES.
9. ALL STORM PIPE SHALL BE SUBJECTED TO LEAKAGE TESTING. WHEN THE GROUND WATER LEVEL IS ABOVE THE TOP OF THE PIPE, AN INFILTRATION TEST SHALL BE PERFORMED BY SEALING OFF A LENGTH OF PIPE AND MEASURING THE DEPTH OF FLOW OVER A MEASURING WEIR, OR BY PUMPING THE INFILTRATED WATER INTO CONTAINERS FOR MEASUREMENT. TESTS SHALL BE CONDUCTED FOR A MINIMUM OF FOUR (4) HOURS. INFILTRATION LEAKAGE SHALL NOT EXCEED 150 GALLONS PER 24 HOURS, PER INCH DIAMETER, PER MILE OF PIPE. WHEN THE GROUND WATER LEVEL IS BELOW THE TOP OF THE PIPE, THE PIPE SHALL BE TESTED FOR LEAKAGE BY EXFILTRATION. EXFILTRATION LEAKAGE TEST SHALL CONSIST OF ISOLATING THE PARTICULAR SECTION, FILLING WITH WATER TO A POINT FOUR (4) FEET ABOVE THE TOP OF THE PIPE AT THE UPPER MANHOLE OR INLET, AND ALLOWING IT TO STAND NOT LESS THAN FOUR (4) HOURS. THE SECTION SHALL THEN BE REFILLED WITH WATER UP TO THE ORIGINAL LEVEL AND AFTER TWO (2) HOURS THE DROP IN WATER SURFACE SHALL BE MEASURED. THE COMPUTED LEAKAGE SHALL NOT EXCEED 150 GALLONS PER INCH DIAMETER, PER 24 HOURS, PER MILE OF PIPE.

PRECAST STRUCTURES AND APPURTENANCES

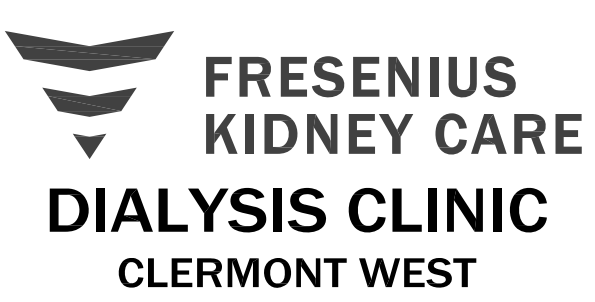
1. ALL MANHOLES SHALL BE PRECAST CONSTRUCTION. THE MINIMUM SIZE DIAMETER OF MANHOLES SHALL BE 48 INCHES FOR SEWER LINES 21 INCHES IN DIAMETER OR LESS. INTEGRALLY CAST STEPS WITHIN PRECAST STRUCTURES ARE NOT ALLOWED.
2. BASES SHALL BE ONE-PIECE PRECAST BASE SECTIONS CONSISTING OF INTEGRALLY CAST SLAB, BOTTOM RING SECTION AND CONCRETE FLOW CHANNELS. BASE SECTIONS SHALL HAVE INTEGRAL INVERTS WITH GASKETS TO MATCH THE PIPE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ALL INVERT ANGLES. PROVIDE OUTLET STUBS WITH JOINTS TO MATCH THE PIPE.
3. RISERS SHALL BE PRECAST REINFORCED CONCRETE PER ASTM C478, MANUFACTURED USING SULFATE RESISTANT CEMENT (ASTM C150, TYPE III). RISERS SHALL BE 48-INCH DIAMETER UNLESS OTHERWISE INDICATED AND SHALL HAVE A MINIMUM WALL THICKNESS OF FIVE (5) INCHES.
4. GASKETS FOR SEATING PRECAST SECTIONS SHALL BE COLD ADHESIVE PREFORMED PLASTIC GASKETS CONFORMING TO FDOT SPECIFICATION 942-2 UNLESS OTHERWISE INDICATED.
5. UNLESS OTHERWISE INDICATED, CONE TOP SECTIONS SHALL BE PRECAST, ECCENTRIC TYPE WITH 24-INCH DIAMETER TOP OPENING CONFORMING TO ASTM C478. PROVIDE 8-INCH MINIMUM THICKNESS FLAT SLAB TOPS WITH ECCENTRIC 24-INCH DIAMETER OPENING, UNLESS OTHERWISE INDICATED.
6. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE TO PROVIDE A FLEXIBLE WATERTIGHT SEAL OF THE PIPE TO THE MANHOLE. NO ADHESIVES OR LUBRICANTS SHALL BE EMPLOYED IN THE INSTALLATION OF THE CONNECTOR INTO THE MANHOLE. THE RUBBER CONNECTOR SHALL COMPLY WITH ASTM C443 AND ASTM C923. ALL STAINLESS STEEL ELEMENTS OF THE CONNECTOR SHALL BE TOTALLY NON-MAGNETIC SERIES 316 STAINLESS, EXCLUDING THE NUT SCREW FOR TIGHTENING THE STEEL BAND AROUND THE PIPE WHICH SHALL BE TORQUED BY A BREAKAWAY TORQUE WRENCH AVAILABLE FROM THE PRECAST MANHOLE SUPPLIER, AND SET FOR 60-70 INCH.LBS. THE CONNECTOR SHALL BE INSTALLED IN THE MANHOLE WALL BY ACTIVATING THE EXPANDING MECHANISM IN STRICT ACCORDANCE WITH THE RECOMMENDATION OF THE CONNECTOR MANUFACTURER.
7. FRAMES AND COVERS SHALL BE GREY IRON PER ASTM A48, CLASS 30B AND SHALL BE U.S. FOUNDRY TYPE 227AS, TRAFFIC BEARING (AASHTO H-20 LOADING), OR EQUAL OR OTHERWISE NOTED ON THE DRAWINGS. CASTINGS SHALL BE SMOOTH, CLEAN, FREE FROM BLISTERS, BLOWHOLES, AND SHRINKAGE. RAISED LETTERING ON COVERS SHALL BE "STORM" OR "SEWER", OR AS DETAILED ON THE DRAWINGS.
8. PROVIDE CAST IRON INLETS, FRAMES, AND GRATES IN ACCORDANCE WITH DETAILS ON THE DRAWINGS. ALL FRAMES AND INLET GRATES SHALL BE PRODUCTS OF U.S. FOUNDRY & MANUFACTURING CORPORATION, OR EQUAL.
9. ALL INLET GRATES SHALL BE SECURED BY CHAIN AND EYEBOLT TO THE TOP OF THE STRUCTURE.
10. MANHOLE COATINGS AND FINISHES SHALL BE:
 - A. INTERIOR - BITUMINOUS EPOXY COATING, MINIMUM DRY FILM THICKNESS = 16 MILS.
 - B. INTERIOR OF MANHOLES WHICH RECEIVE FLOW MAIN DISCHARGE - INTEGRALLY ATTACHED INTERIOR LINER, FULL HEIGHT, FIBERGLASS LINER.
 - C. EXTERIOR - BITUMINOUS EPOXY COATING, MINIMUM DRY FILM THICKNESS = 16 MILS.
11. AS-BUILT INFORMATION SHALL INCLUDE ALL RIM, TOP AND INVERT ELEVATIONS FOR ALL PRECAST STRUCTURES.

UTILITIES

GENERAL:

1. THE UTILITY DATA SHOWN ON THESE PLANS WAS LOCATED SOLELY BY OR IN COMBINATION WITH THE SURVEYOR, RESPECTIVE UTILITY PROVIDER, HISTORIC UTILITY DRAWINGS, MAPS, OR FIELD RECONNAISSANCE.
2. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE VARIOUS UTILITIES AND TO COORDINATE PROTECTION AND ANY RELOCATIONS OF THESE UTILITIES. THE CONTRACTOR ASSUMES ALL COSTS ASSOCIATED WITH PROTECTION OR RELOCATION OF THE UTILITIES.
3. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING AN UNDERGROUND UTILITY, WHETHER SHOWN ON THE PLANS OR LOCATED BY THE UTILITY COMPANY. ANY UTILITIES, WHETHER SHOWN ON THESE PLANS OR NOT, THAT INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE CLOSELY COORDINATED WITH THE ENGINEER AND THE RESPECTIVE UTILITY OWNER FOR PROPER INSTRUCTION.
4. A UTILITY IDENTIFICATION SERVICE HAS BEEN CREATED FOR EXISTING UTILITIES. THE CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE CALL OF FLORIDA AT (800-432-4770) OR 811 AT LEAST TWO (2) AND NO MORE THAN FIVE (5) WORKING DAYS PRIOR TO THE SPECIFIC CONSTRUCTION ACTIVITY FOR FIELD LOCATION. NOTE THAT NOT ALL UTILITIES PARTICIPATE IN THIS PROGRAM. THE CONTRACTOR SHALL ALSO CONTACT ALL NON-PARTICIPATING UTILITIES FOR FIELD LOCATION OF THEIR FACILITIES AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION. PER FLORIDA STATUTE 553.851, THE CONTRACTOR OR EXCAVATOR IS REQUIRED TO NOTIFY THE GAS COMPANY TWO (2) WORKING DAYS PRIOR TO STARTING EXCAVATION.
5. REFER TO THE COVER SHEET OF THE CONSTRUCTION PLANS SET FOR UTILITIES THAT HAVE INDICATED THEIR FACILITIES MAY EXIST IN THE VICINITY OF THE CONSTRUCTION AREA.
6. THE CONTRACTOR SHALL KEEP LOCATE TICKETS CURRENT AT ALL TIMES.
7. ALL EXISTING PIPING ENCOUNTERED DURING CONSTRUCTION SHALL BE MAINTAINED IN SERVICE UNLESS OTHERWISE INDICATED ON THE DRAWINGS. IF PIPE WORK REQUIRES INTERRUPTION OF SERVICE, THE CONTRACTOR SHALL FIRST COORDINATE WITH UTILITY OWNER, REGULATORY AGENCY, AND ANY AFFECTED USER OF THE UTILITY, AS APPROPRIATE.
8. TYPICAL DETAILS AND SPECIFICATIONS ARE SHOWN TO ILLUSTRATE THE ENGINEER'S INTENT AND ARE NOT PRESENTED AS A SOLUTION TO ALL CONSTRUCTION PROBLEMS ENCOUNTERED IN THE FIELD. THE CONTRACTOR MAY ALTER THE METHOD OF CONSTRUCTION TO SUIT FIELD CONDITIONS, PROVIDED THE CONTRACTOR OBTAINS FROM THE ENGINEER AND THE REGULATORY AGENCY, IF APPLICABLE, APPROVAL FOR AN ALTERNATE METHOD.
9. FOR EACH RESPECTIVE PIPELINE CONSTRUCTION REQUIRED, THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION, DEPTH, AND ALIGNMENT OF ALL EXISTING PIPES, CABLES, ETC., TO BE CROSSED OR CONNECTED. IF THE CONTRACTOR DEEMS NECESSARY (A) A CHANGE IN ALIGNMENT OR DEPTH, OR (B) A NEED FOR ADDITIONAL FITTINGS, BENDS, OR COUPLINGS, WHICH REPRESENT A DEPARTURE FROM THE APPROVED DRAWINGS, OR (B) A NEED FOR RELOCATION OF EXISTING UTILITIES, THEN DETAILS OF SUCH DEPARTURES AND RELOCATIONS, INCLUDING CHANGES IN RELATED PORTIONS OF THE PROJECT, SHALL BE SUBMITTED WITH SHOP DRAWINGS. APPROVED DEPARTURES FOR THE CONTRACTOR'S CONVENIENCE SHALL BE MADE AT NO ADDITIONAL COST TO THE DEVELOPER.
10. THE CONTRACTOR SHALL PROVIDE AT HIS OWN EXPENSE ALL NECESSARY TEST PUMPING EQUIPMENT, WATER, WATER METERS, PRESSURE GAUGES, AND OTHER EQUIPMENT, MATERIAL AND FACILITIES REQUIRED FOR ALL HYDROSTATIC, LEAKAGE, AND PRESSURE TESTING. THE CONTRACTOR SHALL CONTACT THE ENGINEER AND DEVELOPER IN WRITING AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE OF PROPOSED TESTING. THE CONTRACTOR SHALL PERFORM SATISFACTORY PRETESTING PRIOR TO NOTIFICATION.

PROJECT:



LOCATION:

(ADDRESS TO BE ASSIGNED)
N.W.Q. OF C.R. 565A & S.R. 50
GROVELAND
LAKE COUNTY, FL 34736

DEVELOPER:

DOUGLAS C. McNAB,
ARCHITECT

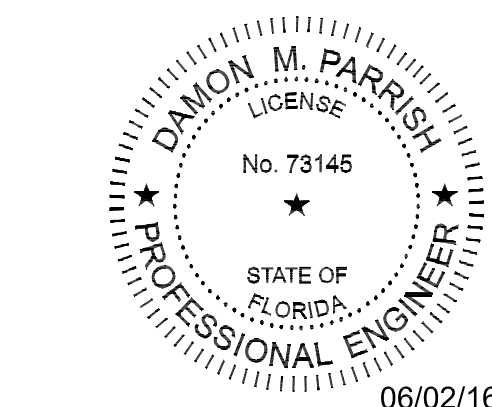
8148 OLD FEDERAL ROAD
MONTGOMERY, AL 36117
TEL (334) 271-3015

ENGINEER:

FORESITE
group

FL CA 26115
Foresite Group, Inc.
10150 Highland Manor Dr. o | 813.549.3250
Suite 210 f | 813.621.3580
Tampa, FL 33610 w | www.fg-inc.net

SEAL:



REVISIONS

DATE

REVISIONS	DATE

PROJECT MANAGER:

BK

DRAWING BY:

JEC

JURISDICTION:

CITY OF GROVELAND, FL

DATE:

19 MAY 2016

TITLE:

GENERAL NOTES

SHEET NUMBER:

C-2.0

SCALE:

JOB/FILE NUMBER:

865.001

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