

GENERAL CONSTRUCTION NOTES

- 1. ALL ELEVATIONS SHOWN REFER TO THE NATIONAL GEODETIC SURVEY, NORTH AMERICAN VERTICAL DATUM (NAVD), 1988 ADJUSTMENTS (NAVD 88). SEE DAVIS TOPOGRAPHIC AND BOUNDARY SURVEY FOR DETAILS (DATE: 01/20/13).
- 2. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES AFFECTING THIS WORK PRIOR TO CONSTRUCTION.
- 3. THE CONTRACTOR SHALL CHECK PLANS FOR CONFLICTS AND DISCREPANCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE OWNER'S ENGINEER OF ANY CONFLICT BEFORE PERFORMING ANY WORK IN THE AFFECTED AREA.
- 4. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE VARIOUS UTILITY COMPANIES IN ORDER TO PERMIT MARKING THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES IN ADVANCE OF CONSTRUCTION, BY CALLING FLORIDA SUNSHINE STATE ONE CALL CENTER OF FLORIDA, INC. AT 1-800-432-4770.
- 5. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND, THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR.
- 6. ALL UNDERGROUND UTILITIES MUST BE IN PLACE AND TESTED OR INSPECTED PRIOR TO ROADWAY BASE AND SURFACE CONSTRUCTION.
- 7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS OF THE VARIOUS GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION, AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY INSTRUCTION.
- 8. ALL SPECIFICATIONS AND DOCUMENTS REFERRED TO SHALL BE OF LATEST REVISIONS AND/OR LATEST EDITION.
- 9. ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK.
- 10. CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE OWNER'S ENGINEER SHOP DRAWINGS ON ALL PRECAST AND MANUFACTURED ITEMS. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE.
- 11. AT LEAST 3 WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND APPROPRIATE AGENCIES AND SUPPLY THEM WITH ALL APPROVED SHOP DRAWINGS, THE CONTRACTOR'S NAME, STARTING DATE, PROJECTED SCHEDULE, AND OTHER INFORMATION AS REQUIRED. ANY WORK PERFORMED PRIOR TO NOTIFYING THE ENGINEER OR WITHOUT AGENCY INSPECTOR PRESENT MAY BE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
- 12. WORK PERFORMED UNDER THIS CONTRACT SHALL INTERFACE SMOOTHLY WITH OTHER WORK BEING PERFORMED ON SITE BY OTHER CONTRACTORS AND UTILITY COMPANIES. IT WILL BE NECESSARY FOR THE CONTRACTOR TO COORDINATE AND COORDINATE HIS ACTIVITIES, WHERE NECESSARY WITH OTHER CONTRACTOR AND UTILITY COMPANIES.
- 13. ALL PVIOUSLY DISTURBED AREAS WITHIN PUBLIC RIGHT-OF-WAY, AND ON-SITE OUTSIDE PLANTING BEDS SHALL BE SODED WITH ST. AUGUSTINE SAND GROWN SOD.
- 14. ALL DISTURBED AREAS WHICH ARE NOT PAVED OR WITHIN PLANTING AREA TO BE SODED TO FDOT STANDARDS AND MAINTAINED UNTIL A SATISFACTORY STAND OF GRASS ACCEPTABLE TO THE REGULATORY AGENCY AND ENGINEER OF RECORD HAVE BEEN OBTAINED. ANY WASHOUTS, REGRADING, RESEEDING, AND GRASSING WORK, AND OTHER EROSION WORK REQUIRED, WILL BE PERFORMED BY THE CONTRACTOR/SUBCONTRACTOR UNTIL THE SYSTEM IS ACCEPTED FOR MAINTENANCE BY THE REGULATORY AGENCY AND ENGINEER OF RECORD.
- 15. CHAPTER 77-153 OF THE FLORIDA STATUTES REQUIRES THAT AN EXCAVATOR NOTIFY ALL GAS UTILITIES A MINIMUM OF TWO WORKING DAYS PRIOR TO EXCAVATING. MAPS SHOW ONLY THE APPROXIMATE LOCATION OF GAS MAINS AND DO NOT SHOW SERVICE LINES. THE ONLY SAFE AND PROPER WAY TO LOCATE EITHER MAINS OR SERVICE LINES IS BY AN ON-SITE INSPECTION BY THE RESPECTIVE GAS PERSONNEL. THEREFORE, EXCAVATORS ARE INSTRUCTED TO TELEPHONE THE RESPECTIVE GAS COMPANY TWO WORKING DAYS BEFORE ENTERING A CONSTRUCTION AREA.
- 16. RECORD DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING INFORMATION ON A SET OF THE APPROVED PLANS CONCURRENTLY WITH CONSTRUCTION PROGRESS. WITHIN TWO (2) WEEKS FOLLOWING FINAL INSPECTION THE CONTRACTOR SHALL SUBMIT ONE (1) SET OF RECORD DRAWINGS TO THE ENGINEER. THE FINAL RECORD DRAWINGS SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

- 1. DRAWINGS TO BE LEGIBLY MARKED TO RECORD ACTUAL CONSTRUCTION.
- 2. DRAWINGS SHALL SHOW ACTUAL LOCATION OF ALL WATER AND WASTEWATER PIPING AND RELATED APPURTENANCES, BOTH ABOVE AND BELOW GROUND. ALL CHANGES TO PIPING LOCATION INCLUDING HORIZONTAL & VERTICAL LOCATIONS OF UTILITIES & APPURTENANCES SHALL BE CLEARLY SHOWN AND REFERENCED TO PERMANENT SURFACE IMPROVEMENTS. DRAWINGS SHALL ALSO SHOW ACTUAL INSTALLED PIPE MATERIAL, CLASS, ETC.
- 3. DRAWINGS SHALL CLEARLY SHOW ALL FIELD CHANGES OF DIMENSION AND DETAIL INCLUDING CHANGES MADE BY FIELD ORDER OR BY CHANGE ORDER.
- 4. DRAWINGS SHALL CLEARLY SHOW ALL DETAILS NOT ON ORIGINAL CONTRACT DRAWINGS BUT CONSTRUCTED IN THE FIELD. ALL EQUIPMENT AND PIPING RELOCATION SHALL BE CLEARLY SHOWN.
- 5. LOCATIONS OF ALL MANHOLES, HYDRANTS, VALVES, & VALVE BOXES SHALL BE SHOWN. ALL VALVES SHALL BE REFERENCED FROM AT LEAST TWO (2) AND PREFERABLY THREE (3) PERMANENT POINTS.
- 17. CONTRACTOR SHALL REMOVE, REPLACE AND REPAIR ALL SIDEWALKS AS DIRECTED BY: FOOT OR ANY GOVERNING AGENCY HAVING JURISDICTION OVER THE PROJECT.

PAVING & GRADING TESTING AND INSPECTION REQUIREMENTS

- 1. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE TESTING DURING CONSTRUCTION.
- 2. CONTRACTOR TO SUPPLY THE ENGINEER WITH A PHOTOCOPIY OF ALL COMPACTION TESTS AND ASPHALT TEST RESULTS. THE SOILS ENGINEER IS TO CERTIFY TO THE ENGINEER OF RECORD IN WRITING THAT ALL TESTING REQUIREMENTS REQUIRED BY THE LOCAL REGULATORY AGENCY AND THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) FOR THE IMPROVEMENTS AS REQUIRED BY THE CONSTRUCTION DRAWINGS HAVE BEEN SATISFIED.
- 3. CONTRACTOR TO REVIEW SOIL REPORTS AND BORINGS PRIOR TO BIDDING THE PROJECT AND COMMENCING CONSTRUCTION.
- 4. CONTRACTOR SHALL PROVIDE ENGINEER WITH PROJECT AS-BUILTS AND RECORD DRAWINGS PREPARED BY A LICENSED SURVEYOR.

SANITARY SEWER NOTES

- 1. A HORIZONTAL SEPARATION OF 10 FEET SHALL BE MAINTAINED BETWEEN WATER MAINS AND SANITARY SEWER.
- 2. ALL SANITARY SEWER WORK SHALL CONFORM WITH LOCAL REGULATORY STANDARDS AND SPECIFICATIONS.
- 3. SANITARY SEWER MAINS AND LATERALS SHALL HAVE A MINIMUM COVER OF THREE (3) FEET AND SHALL BE INSTALLED ACCOMPANIED BY A METAL TAPE SIMILAR TO "TERRATAPE" COLORED GREEN AND LAID ONE FOOT ABOVE THE PIPE.

SANITARY SEWER TESTING AND INSPECTION REQUIREMENT NOTES

- 1. ALL GRAVITY SEWER PIPING SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER. CONTRACTOR TO NOTIFY THE ENGINEER 48 HOURS IN ADVANCE TO SCHEDULE INSPECTION.

SAFETY NOTES

- 1. DURING THE CONSTRUCTION AND/OR MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF THE TRAVELING PUBLIC AND THE SAFETY OF HIS PERSONNEL. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OSHA IN THE FEDERAL REGISTER OF THE DEPARTMENT OF TRANSPORTATION.
- 2. THE MINIMUM STANDARDS AS SET FORTH IN THE CURRENT EDITION OF THE STATE OF FLORIDA, MANUAL ON TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS SHALL BE FOLLOWED IN THE DESIGN APPLICATION, INSTALLATION, MAINTENANCE, AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES, AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND WORKMEN FROM HAZARDS WITHIN THE PROJECT LIMITS.
- 3. ALL TRAFFIC CONTROL MARKINGS AND DEVICES SHALL CONFORM TO THE PROVISIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES PREPARED BY THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION.
- 4. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THE ABOVE INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY AND DOES NOT IMPLY THAT THE OWNER OR ENGINEER WILL INSPECT AND/OR ENFORCE SAFETY REGULATIONS.

CLEARING AND SITE PREPARATION NOTES

- 1. PRIOR TO ANY SITE CLEARING, ALL TREES SHOWN TO REMAIN ON THE CONSTRUCTION PLANS SHALL BE PROTECTED IN ACCORDANCE WITH THE LOCAL REGULATORY AGENCY'S TREE ORDINANCE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THESE TREES IN GOOD CONDITION. NO TREES SHOWN TO REMAIN SHALL BE REMOVED WITHOUT WRITTEN APPROVAL FROM THE OWNER. ONLY "GRADINGS BY HAND" IS PERMITTED WITHIN THE CANOPY LINE OF TREES THAT ARE TO REMAIN.
- 2. THE CONTRACTOR IS TO PREPARE THE SITE PRIOR TO BEGINNING ACTUAL CONSTRUCTION IN ACCORDANCE WITH THE SOILS TESTING REPORT. COPIES OF THE SOILS REPORT ARE AVAILABLE THROUGH THE OWNER OR THE SOILS TESTING COMPANY. QUESTIONS REGARDING SITE PREPARATION REQUIREMENTS DESCRIBED IN THE SOILS REPORT ARE TO BE DIRECTED TO THE SOILS TESTING COMPANY.
- 3. CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION. DISTURBED AREAS WILL BE SEEDED, MULCHED, OR PLANTED WITH OTHER APPROVED LANDSCAPE MATERIAL IMMEDIATELY FOLLOWING CONSTRUCTION.
- 4. THE TOP 4" TO 6" OF GROUND REMOVED DURING CLEARING AND GRUBBING SHALL BE STOCKPILED AT A SITE DESIGNATED BY THE OWNER TO BE USED FOR LANDSCAPING PURPOSES, UNLESS OTHERWISE DIRECTED BY THE OWNER.
- 5. ALL CONSTRUCTION DEBRIS AND OTHER WASTE MATERIAL SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH APPLICABLE REGULATIONS.
- 6. CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS AND APPROVALS PRIOR TO REMOVING ANY EXISTING STRUCTURES.
- 7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL UTILITY COMPANIES TO DISCONNECT OR REMOVE THEIR FACILITIES PRIOR TO REMOVING OR DEMOLISHING ANY EXISTING STRUCTURES FROM THE SITE.
- 8. THE LOCATION 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/SUBCONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ACCURACY PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY. IT SHALL BE THE CONTRACTOR/SUBCONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATIONS OF THESE EXERCISE CAUTION UTILITIES. THE CONTRACTOR/SUBCONTRACTOR SHALL WHEN CROSSING ANY UNDERGROUND UTILITY, WHETHER SHOWN ON THE PLANS OR LOCATED BY THE UTILITY COMPANY. ALL UTILITIES WHICH INTERFACE WITH THE PROPOSED CONSTRUCTION SHALL BE RELOCATED BY THE AND THE CONTRACTOR/SUBCONTRACTOR AND SHALL COOPERATE WITH THE UTILITY COMPANIES DURING RELOCATION OPERATIONS. ANY DELAY OR INCONVENIENCE CAUSED TO THE CONTRACTOR/SUBCONTRACTOR BY THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED.

PAVING AND GRADING NOTES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND WILL PROVIDE BRACING SHEETING OR SHORING AS NECESSARY. TRENCHES SHALL BE KEPT DRY WHILE PIPE AND APPURTENANCES ARE BEING PLACED. DEWATERING SHALL BE USED AS REQUIRED.
- 2. CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE NECESSARY DEWATERING PERMITS FROM THE LOCAL WATER MANAGEMENT DISTRICT OR OTHER REGULATORY AGENCY.
- 3. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON DRAWINGS.
- 4. IT MAY BE NECESSARY TO FIELD ADJUST PAVEMENT ELEVATIONS TO PRESERVE THE ROOT SYSTEMS OF TREES SHOWN TO BE SAVED. CONTRACTOR TO COORDINATE WITH OWNER'S ENGINEER PRIOR TO ANY ELEVATION CHANGES.
- 5. CONTRACTOR TO PROVIDE A 1/2" BITUMINOUS EXPANSION JOINT MATERIAL WITH SEALER AT ABUTMENT OF CONCRETE AND ANY STRUCTURE.
- 6. ALL PAVEMENT MARKINGS SHALL CONFORM TO FDOT STANDARD INDEX NO. 17346, SHEETS 1-7.
- 7. CONTRACTOR SHALL TRIM, TACK, AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT.
- 8. CONTRACTOR IS TO PROVIDE EROSION CONTROL/SEDIMENTATION BARRIER (HAY BALES OR SILTATION CURTAIN) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, AND STORM SEWERS. IN ADDITION, CONTRACTOR SHALL PLACE STRAW, MULCH, OR OTHER SUITABLE MATERIAL ON GROUND IN AREAS WHERE CONSTRUCTION RELATED TRAFFIC IS TO ENTER AND EXIT THE SITE. IF, IN THE OPINION OF THE ENGINEER AND/OR LOCAL AUTHORITIES, EXCESSIVE QUANTITIES OF EARTH ARE TRANSPORTED OFF-SITE EITHER BY NATURAL DRAINAGE OR BY VEHICULAR TRAFFIC, THE CONTRACTOR IS TO REMOVE SAID EARTH TO THE SATISFACTION OF THE ENGINEER AND/OR AUTHORITIES.
- 9. FUGITIVE DUST CONTROL: IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION, OR OTHER ACCEPTABLE METHODS.
- 10. THERE IS TO BE NO DISCHARGE (I.E. PUMPING, SHEET FLOW, SWALE, DITCH, ETC.) INTO EXISTING DITCHES OR CANALS WITHOUT THE USE OF SETTLING PONDS. IF THE CONTRACTOR DESIRES TO DISCHARGE INTO THE EXISTING DITCHES OR CANALS A SETTLING POND PLAN PREPARED BY THE CONTRACTOR MUST BE SUBMITTED TO AND APPROVED BY THE ENGINEER OR RECORD AND LOCAL REGULATORY AGENCY PRIOR TO CONSTRUCTION.

WATER SYSTEM NOTES

- 1. A VERTICAL CLEARANCE OF 18 INCHES SHALL BE MAINTAINED BETWEEN SANITARY SEWERS AND WATER MAINS. IF CLEARANCE CANNOT BE MAINTAINED BY ADJUSTING WATER MAINS THE SANITARY SEWER SHALL BE CONSTRUCTED OF DUCTILE IRON CLASS 54 A MINIMUM OF 10 FEET ON BOTH SIDES OF THE CONFLICT POINT. AS AN ALTERNATIVE THE SANITARY SEWER MAY BE PLACED IN A SLEEVE OR ENCASED IN CONCRETE FOR THE REQUIRED 10 FEET ON EACH SIDE OF THE CONFLICT POINT.
- 2. A HORIZONTAL SEPARATION OF 10 FEET SHALL BE MAINTAINED BETWEEN WATER MAINS AND SANITARY SEWER.
- 3. ALL WATER MAINS SHALL HAVE A MINIMUM OF 30 INCHES AND A MAXIMUM OF 42" BELOW FINISHED GRADE.
- 4. ALL WATER SYSTEM WORK SHALL CONFORM WITH PASCO COUNTY PUBLIC ENGINEERING AND PUBLIC WORK DESIGN STANDARDS AND SPECIFICATIONS.
- 5. CONFLICTS BETWEEN WATER AND STORM OR SANITARY SEWER TO BE RESOLVED BY ADJUSTING THE WATER LINES AS NECESSARY.
- 6. CONTRACTOR TO INSTALL TEMPORARY BLOW-OFFS AT THE END OF WATER SERVICE LATERALS TO ASSURE ADEQUATE FLUSHING AND DISINFECTION.
- 7. RESTRAINING JOINTS SHALL BE PROVIDED AT ALL FITTINGS AND HYDRANTS AS SHOWN ON DETAILS.
- 8. MATERIALS AND CONSTRUCTION METHODS FOR WATER DISTRIBUTION SYSTEM SHALL BE IN ACCORDANCE WITH THE LOCAL REGULATORY AGENCY CODES, PLANS, AND SPECIFICATIONS SET FOR CONSTRUCTION, LATEST REVISION THEREOF AND SUPPLEMENTAL SPECIFICATIONS THERETO. APPROVAL AND CONSTRUCTION OF ALL POTABLE WATER SERVICE MAIN EXTENSIONS AND CONNECTIONS MUST BE COORDINATED THROUGH THE FGUA.
- 9. ALL UNDERGROUND WATER SERVICES SHALL BE HDPE SDR-18 FOR POTABLE WATER AND IRRIGATION. ALL UNDERGROUND FIRE SERVICES SHALL BE HDPE SDR-14 UNLESS INDICATED ON PLANS. ALL DIRECTIONAL DRILLS SHALL BE HDPE SDR-11 UNLESS INDICATED ON PLANS.

WATER SYSTEM TESTING AND INSPECTION REQUIREMENT NOTES

- 1. ALL COMPONENTS OF THE WATER SYSTEM, INCLUDING FITTINGS, THRUST BLOCKING, HYDRANTS, CONNECTIONS, AND VALVES SHALL REMAIN UNCOVERED UNTIL PROPERLY PRESSURE TESTED AND ACCEPTED BY THE OWNER'S ENGINEER. PRESSURE TESTS TO BE IN ACCORDANCE WITH WATER DEPARTMENT SPECIFICATIONS. CONTRACTOR TO NOTIFY OWNER'S ENGINEER AND COUNTY INSPECTORS 48 HOURS IN ADVANCE OF PERFORMING TESTS.
- 2. CONTRACTOR TO PERFORM CHLORINATION AND BACTERIOLOGICAL SAMPLING AND OBTAIN CLEARANCE OF DISTRIBUTION SYSTEM. COPIES OF ALL BACTERIOLOGICAL TESTS TO BE SUBMITTED TO OWNER'S ENGINEER.

DRAINAGE SYSTEM CONSTRUCTION NOTES

- 1. STANDARD INDEXES REFER TO THE LATEST EDITION OF FDOT "ROADWAY AND TRAFFIC DESIGN STANDARDS".
- 2. ALL STORM SEWER PIPE SHALL BE REINFORCED CONCRETE CLASS III (ASTM C-76) WITH RUBBER GASKET JOINTS UNLESS OTHERWISE NOTED ON PLANS. ALL DRAINAGE STRUCTURES SHALL BE IN ACCORDANCE WITH FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS UNLESS OTHERWISE NOTED ON PLANS.
- 3. PIPE LENGTHS SHOWN ARE APPROXIMATE AND TO THE CENTER OF DRAINAGE STRUCTURES WITH THE EXCEPTION OF MITERED END AND FLARED END SECTIONS WHICH ARE INCLUDED IN LENGTHS.
- 4. ALL DRAINAGE STRUCTURE GRATES AND COVERS WITHIN TRAFFIC AREAS SHALL BE TRAFFIC RATED FOR H-20 LOADINGS.
- 5. CONTRACTOR TO SOD THE DETENTION POND AS INDICATED ON PLANS WITHIN ONE WEEK FOLLOWING CONSTRUCTION OF THE POND.
- 6. ALL STORM DRAINAGE STRUCTURES DEEPER THAN TEN (10) FEET TO HAVE LADDER BARS.
- 7. CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE NECESSARY DEWATERING PERMITS FROM THE LOCAL WATER MANAGEMENT DISTRICT OR OTHER REGULATORY AGENCY.
- 8. PROTECTION OF EXISTING STORM SEWERS SYSTEMS: DURING CONSTRUCTION, ALL STORM SEWER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY SEDIMENT TRAPS SUCH AS SECURED HAY BALES, SOD, STONE, ETC., WHICH SHALL BE MAINTAINED AND MODIFIED AS REQUIRED BY CONSTRUCTION PROGRESS.
- 9. MATERIALS AND CONSTRUCTION METHODS FOR STREETS AND STORM DRAINAGE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LOCAL REGULATORY AGENCY AND THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 1996, OR LATEST REVISION THEREOF AND SUPPLEMENTAL SPECIFICATIONS THERETO.
- 10. CLASS "B" TYPE I BEDDING SHALL BE USED UNLESS INDICATED OTHERWISE ON THE DRAWINGS, OR BY THE ENGINEER.
- 11. ALL ROUND REINFORCED CONCRETE PIPE JOINTS UNDER PAVEMENT, DRIVEWAYS, AND SIDEWALKS WITHIN PUBLIC RIGHT-OF-WAY, AND ANY OUTFALL SYSTEM SHALL BE WRAPPED WITH MIRAFI 14 ON FILTER FABRIC OR EQUAL FABRIC TO BE A MIN. OF 30" IN WIDTH AND CENTERED ON PIPE.

TESTING AND INSPECTION REQUIREMENTS

- 1. THE STORM DRAINAGE PIPING SYSTEM SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER PRIOR TO THE PLACEMENT OF BACKFILL. CONTRACTOR TO NOTIFY THE ENGINEER 48 HOURS IN ADVANCE TO SCHEDULE INSPECTION.
- 2. THE CONTRACTOR SHALL MAINTAIN THE STORM DRAINAGE SYSTEMS UNTIL FINAL ACCEPTANCE OF THE PROJECT. THE STORM SYSTEM WILL BE INSPECTED BY THE OWNER'S ENGINEER PRIOR TO APPROVAL FOR CERTIFICATE OF OCCUPANCY PURPOSES.

PASCO COUNTY DEVELOPMENT REVIEW - STANDARD SITE PLAN NOTES

- 1. ALL WASTEWATER UTILITY CONSTRUCTION SHALL COMPLY WITH THE PASCO COUNTY STANDARDS FOR DESIGN AND CONSTRUCTION OF WATER AND WASTEWATER FACILITIES SPECIFICATIONS, LATEST EDITION.
- 2. ALL ON-SITE SEWER FACILITIES SHALL BE OWNED AND MAINTAINED BY THE OWNER-DEVELOPER.
- 3. INSTALLATION OF FUEL STORAGE TANKS REQUIRE REVIEW AND APPROVAL BY THE FIRE MARSHAL AND THE ISSUANCE OF A SEPARATE BUILDING PERMIT. APPROVAL OF THE SITE PLAN DOES NOT CONSTITUTE APPROVAL OF THE LOCATION OF FUEL TANKS.
- 4. ALL PROPOSED SIGNS MUST BE APPLIED FOR, APPROVED, AND PERMITTED ON AN INDIVIDUAL BASIS APART FROM ANY ULTIMATELY APPROVED SITE PLAN. APPROVAL OF THIS SITE PLAN DOES NOT CONSTITUTE APPROVAL OF SIGNAGE.
- 5. HANDICAP PARKING SPACES WILL BE PROPERLY SIGNED AND STRIPPED IN ACCORDANCE WITH FLORIDA STATUE 316, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, OR OTHER OTHER APPLICABLE STANDARDS.
- 6. THE ARCHITECT/ENGINEER CERTIFIES THAT THE SITE HAS BEEN DESIGNED IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT.
- 7. ALL ON-SITE PARKING SPACES WILL BE STRIPED AND SIGNED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION. PARKING SPACES, DIRECTIONAL ARROWS, AND STOP BARS SHALL BE STRIPED IN WHITE. IT SHALL BE THE OWNER/DEVELOPER'S RESPONSIBILITY TO PROPERLY SIGN AND STRIPE THE SITE IN ACCORDANCE WITH APPLICABLE STANDARDS.
- 8. THE OWNER/DEVELOPER ACKNOWLEDGES THAT THIS APPROVAL DOES NOT INCLUDE ANY WORK IN COUNTY RIGHT-OF-WAY. ALL RIGHT-OF-WAY WORK SHALL BE A FUNCTION OF AN APPROVED PASCO COUNTY RIGHT-OF-WAY USE PERMIT.
- 9. ALL CLEAR-SITE AREAS SHALL BE KEPT FREE OF ANY SIGNAGE, PLANTINGS, TREES, ETC. IN EXCESS OF THREE-AND-A-HALF (3-1/2) FEET IN HEIGHT.
- 10. NO IRRIGATION SYSTEM OR LANDSCAPING SHALL BE INSTALLED IN ANY COUNTY OR STATE RIGHT-OF-WAY WITHOUT ISSUANCE OF APPROPRIATE RIGHT-OF-WAY USE PERMIT.
- 11. THE OWNER/DEVELOPER ACKNOWLEDGES THAT THE SITE AND ITS SUBSEQUENT BUILDING PERMITS SHALL COMPLY WITH ALL ZONING/MPUD/PUD CONDITIONS.
- 12. ALL STRUCTURES, INCLUDING BUFFER WALLS, RETAINING WALLS, SIGNAGE, ETC. REQUIRES SEPARATE BUILDING PERMITS.

SANITARY SEWER NOTES

- 1. A HORIZONTAL SEPARATION OF 10 FEET SHALL BE MAINTAINED BETWEEN WATER MAINS AND SANITARY SEWER.
- 2. ALL SANITARY SEWER WORK SHALL CONFORM WITH LOCAL REGULATORY STANDARDS AND SPECIFICATIONS.
- 3. SANITARY SEWER MAINS AND LATERALS SHALL HAVE A MINIMUM COVER OF THREE (3) FEET AND SHALL BE INSTALLED ACCOMPANIED BY A METAL TAPE SIMILAR TO "TERRATAPE" COLORED GREEN AND LAID ONE FOOT ABOVE THE PIPE.
- 4. ALL GRAVITY SEWER MAINS SHALL BE A MINIMUM OF EIGHT-INCHES IN DIAMETER.

SANITARY SEWER TESTING AND INSPECTION REQUIREMENT NOTES

- 1. ALL GRAVITY SEWER PIPING SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER. CONTRACTOR TO NOTIFY THE ENGINEER 48 HOURS IN ADVANCE TO SCHEDULE INSPECTION.
- 2. ALL GRAVITY SEWER SYSTEMS ARE REQUIRED TO HAVE TV VIDEO INSPECTION TO BE SUPPLIED TO THE PASCO COUNTY FOR REVIEW AND APPROVAL AT THE CONTRACTOR'S EXPENSE. COUNTY INSPECTION PERSONNEL SHALL BE ON SITE DURING THE VIDEO IN SECTION WORK. CONTACT PASCO COUNTY A MINIMUM OF 48 HOURS IN ADVANCE PRIOR TO INSPECTION.

SAFETY NOTES

- 1. DURING THE CONSTRUCTION AND/OR MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF THE TRAVELING PUBLIC AND THE SAFETY OF HIS PERSONNEL. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OSHA IN THE FEDERAL REGISTER OF THE DEPARTMENT OF TRANSPORTATION.
- 2. THE MINIMUM STANDARDS AS SET FORTH IN THE CURRENT EDITION OF THE STATE OF FLORIDA, MANUAL ON TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS SHALL BE FOLLOWED IN THE DESIGN APPLICATION, INSTALLATION, MAINTENANCE, AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES, AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND WORKMEN FROM HAZARDS WITHIN THE PROJECT LIMITS.
- 3. ALL TRAFFIC CONTROL MARKINGS AND DEVICES SHALL CONFORM TO THE PROVISIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES PREPARED BY THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION.
- 4. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THE ABOVE INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY AND DOES NOT IMPLY THAT THE OWNER OR ENGINEER WILL INSPECT AND/OR ENFORCE SAFETY REGULATIONS.

PASCO COUNTY STANDARD NOTES

- 1. THE SOIL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED PRIOR TO CONSTRUCTION, MAINTAINED THROUGHOUT CONSTRUCTION AND UNTIL THE SITE IS PERMANENTLY STABILIZED. (LDC 604.)
- 2. IT IS THE OWNER'S RESPONSIBILITY OR (NAME OF RESPONSIBLE ENTITY) TO INSPECT AND MAINTAIN THE WATER RETENTION SYSTEM ON A REGULAR BASIS. (LDC 605.4, 606.)
- 3. AS APPLICABLE, THE OWNER/DEVELOPER WILL PROVIDE COPIES OF THE REQUIRED PERMITS FROM THE RESPECTIVE GOVERNING AGENCIES, PRIOR TO ISSUANCE OF THE SITE DEVELOPMENT PERMIT. (LDC 605.3.CC.)
- 4. ALL WORK WITHIN THE PASCO COUNTY ROW WILL REQUIRE A ROW USE PERMIT FOR ANY WORK WITHIN THE RIGHT OF WAYS. PER LDC 311 & 618.13.
- 5. SIGNAGE IS NOT BEING REVIEWED OR APPROVED AS PART OF THE CIVIL ENGINEERING SITE PLAN REVIEW PROCESS. A SEPARATE SIGN PERMIT WILL BE REQUIRED. A SEPARATE PERMIT FOR SIGNAGE IS REQUIRED.
- 6. STRUCTURES ARE NOT BEING REVIEWED OR APPROVED AS PART OF THE CIVIL ENGINEERING SITE PLAN REVIEW PROCESS. SEPARATE BUILDING PERMITS(S) WILL BE REQUIRED.
- 7. SLOPES OVER 3:1 REQUIRE HAVING SUPERCEDE MATS, RETAINING WALLS OR AN APPROVED EQUAL.

PLANS SHALL SUPERCEDE SPEC BOOKS IF A DISCREPANCY OCCURS CHECK PLANS AND CONTACT ENGINEER IN WRITING

PROJECT MANAGEMENT, PLANNING, SUSTAINABLE, CIVIL AND LANDSCAPE DESIGN

The Sustainabilty Group, LLC logo and contact information: 6320 Rowan Road, New Port Richey, FL 34656. Phone/Fax: (727) 645-5105. Website: www.SGroupfl.com. Includes a disclaimer about the firm's liability and a certificate of authorization #29400.

WEB 54, LLC 11155 SUNSHINE GROVE ROAD BROOKSVILLE, FL 34614

PROJECT NAME: THE PALMS CARWASH PROJECT LOCATION: STATE ROAD 54 & POST OAK WESLEY CHAPEL, FL 33544 SHEET NAME: GENERAL NOTES

Table with 4 columns: NO, DATE, DESCRIPTION, BY. The table is currently empty.

Professional Engineer seal for Jason D. Boyd, License No. 68978, State of Florida. The seal is circular and includes the text 'JASON D. BOYD', 'LICENSED PROFESSIONAL ENGINEER', 'STATE OF FLORIDA', and 'PE #68978'. The date 'MAY 12, 2014' is stamped over the seal.

PROJECT #: 15013 ORIGINAL DATE: 08.16.13 CHECKED BY: RM DESIGNED BY: RM SHEET NO. C2 of C12

THE GENERAL CONTRACTOR WILL FILL IN THE BLANKS AS THE REQUIRED INFORMATION IS KNOWN. THE GENERAL CONTRACTOR WILL ENSURE ALL SUBCONTRACTORS SIGN THIS SWPPP AND THAT THEY UNDERSTAND AND COMPLY WITH THIS PLAN.

GENERAL NOTES:

- FEDERAL LAW PROHIBITS THE POINT SOURCE DISCHARGE OF POLLUTANTS, INCLUDING THE DISCHARGE OF STORMWATER ASSOCIATED WITH LARGE OR SMALL CONSTRUCTION ACTIVITIES TO WATER OF THE UNITED STATES WITHOUT A NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT. UNDER THE STATE OF FLORIDA'S AUTHORITY TO ADMINISTER THE NPDES STORMWATER PROGRAM, OPERATORS THAT HAVE STORMWATER DISCHARGE ASSOCIATED WITH LARGE OR SMALL CONSTRUCTION ACTIVITIES TO SURFACE WATERS OF THE STATE, INCLUDING THROUGH A MUNICIPAL SEPARATE STORM SEWER SYSTEM (MSS), MUST OBTAIN COVERAGE EITHER UNDER THE GENERIC PERMIT OR AN INDIVIDUAL PERMIT.
- THERE IS A SPECIFIC ELIGIBILITY CRITERIA AND LIMITATIONS ON COVERAGE THAT CAN BE REVIEWED IN THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES DATED MAY 2003 (HEREAFTER REFERRED TO AS "THE GENERIC PERMIT"). ACTIVITIES SPECIFICALLY DESCRIBED IN THIS STORMWATER POLLUTION PREVENTION PLAN (SWPPP) ARE COVERED. ANY ACTIVITY NOT SPECIFICALLY DISCUSSED IN THIS SWPPP MAY NOT BE COVERED AND SHOULD BE IMMEDIATELY IDENTIFIED TO THE SIGNATURE AUTHORITY (OWNER AND GENERAL CONTRACTOR) ON THE POSTED NOTICE OF INTENT (NOI).
- OPERATORS SEEKING COVERAGE UNDER THIS GENERIC PERMIT TO AUTHORIZE STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY FOR NEW LARGE OR SMALL CONSTRUCTION ACTIVITIES SHALL FILE AN NOI FOR COVERAGE UNDER THIS PERMIT AT LEAST TWO (2) DAYS BEFORE COMMENCEMENT OF CONSTRUCTION. SHOULD THE OPERATOR CHANGE DURING CONSTRUCTION, THE NEW OPERATOR SHALL FILE AN NOI FOR COVERAGE UNDER THIS PERMIT AT LEAST TWO (2) DAYS BEFORE ASSUMING CONTROL OF THE PROJECT AND THE PREVIOUS OPERATOR SHALL FILE A NOTICE OF TERMINATION (NOT) TO TERMINATE PERMIT COVERAGE.
- A COPY OF THE NOI CONFIRMING COVERAGE UNDER THIS GENERIC PERMIT SHALL BE POSTED AT THE CONSTRUCTION SITE IN A PROMINENT PLACE FOR PUBLIC VIEWING (SUCH AS ALONGSIDE A BUILDING PERMIT).
- THE PERIOD OF COVERAGE UNDER THIS GENERIC PERMIT IS EFFECTIVE TWO (2) DAYS AFTER THE DATE OF SUBMITTAL OF THE COMPLETE NOI TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP). COVERAGE UNDER THIS GENERIC PERMIT IS LIMITED TO A TERM NOT TO EXCEED FIVE (5) YEARS FROM THE EFFECTIVE DATE OF COVERAGE.
- EXCEPT AS NOTED IN THE GENERIC PERMIT, ALL DISCHARGES COVERED BY THIS PERMIT SHALL BE COMPOSED ENTIRELY OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITY AND DISCHARGES OF MATERIAL OTHER THAN STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITY MUST BE IN COMPLIANCE WITH AN FDEP PERMIT (OTHER THAN THIS PERMIT) ISSUED FOR THE DISCHARGE OR BE EXEMPT FROM PERMITTING.
- THE FOLLOWING NON-STORMWATER DISCHARGES MAY BE AUTHORIZED BY THIS PERMIT PROVIDED THE NON-STORMWATER COMPONENT OF THE DISCHARGE IS IN COMPLIANCE WITH THE GENERIC PERMIT AND THE DISCHARGE ACTIVITIES ARE LISTED AND DESCRIBED IN THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PROVIDED BELOW: DISCHARGES FROM FIRE FIGHTING ACTIVITIES; FIRE HYDRANT FLUSHING; WATERS USED TO SPRAY OFF LOOSE SOLIDS FROM VEHICLES; (WASTEWATERS FROM A MORE THOROUGH CLEANING, INCLUDING THE USE OF DETERGENTS OR OTHER CLEANERS, IS NOT AUTHORIZED BY THIS PERMIT); OR CONTROL DUST; POTABLE WATER SOURCES INCLUDING WATERLINE FLUSHING, IRRIGATION DRAINAGE, ROUTING EXTERNAL BUILDING WASHWATER WHICH DOES NOT USE DETERGENTS; PAVEMENT WASTEWATER WHERE SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED (UNLESS ALL SPILL MATERIAL HAS BEEN REMOVED) AND WHERE DETERGENTS ARE NOT USED, AIR CONDITIONING CONDENSATE, SPRINGS, AND FOUNDATION OR COOLING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH PROCESS MATERIALS SUCH AS SOLVENTS.
- DISCHARGES RESULTING FROM GROUND WATER DEWATERING ACTIVITIES AT CONSTRUCTION SITES ARE NOT COVERED BY THIS PERMIT. APPLICANTS FOR THESE DISCHARGES MUST OBTAIN COVERAGE UNDER FDEP'S GENERIC PERMIT FOR THE DISCHARGE OF GROUND WATER FROM ANY NON-CONTAMINATED SITE.
- THE DISCHARGE OF HAZARDOUS SUBSTANCES OR OIL IN THE STORMWATER DISCHARGE(S) FROM A FACILITY OR ACTIVITY SHALL BE PREVENTED OR MINIMIZED IN ACCORDANCE WITH THE APPLICABLE STORMWATER POLLUTION PREVENTION PLAN FOR THE FACILITY OR ACTIVITY. THIS PERMIT DOES NOT RELIEVE THE OPERATOR OF THE REPORTING REQUIREMENTS OF 40 CFR PART 117 AND 40 CFR PART 302. WHERE A RELEASE CONTAINING A HAZARDOUS SUBSTANCE IN AN AMOUNT EQUAL TO OR IN EXCESS OF A REPORTING QUANTITY ESTABLISHED UNDER EITHER 40 CFR 117 OR 40 CFR 302, OCCURS DURING A 24 HOUR PERIOD:
 - THE OPERATOR IS REQUIRED TO NOTIFY THE STATE WARNING POINT (800.320.0519 OR 850.413.9911) AS SOON AS HE OR SHE HAS KNOWLEDGE OF THE DISCHARGE.
 - THE OPERATOR SHALL SUBMIT WITHIN 14 CALENDAR DAYS OF KNOWLEDGE OF THE RELEASE A WRITTEN DESCRIPTION OF THE RELEASE (INCLUDING THE TYPE AND ESTIMATE OF THE AMOUNT OF MATERIAL RELEASED), THE DATE THAT SUCH RELEASE OCCURRED, THE CIRCUMSTANCES LEADING TO THE RELEASE, AND REMEDIAL STEPS TO BE TAKEN, TO FDEP, NPDES STORMWATER SECTION, MAIL STATIO 2800 BLAIR STONE ROAD, TALLAHASSEE, FLORIDA 32309-2800.
 - THE SWPPP BELOW MUST BE MODIFIED WITHIN 14 CALENDAR DAYS OF THE KNOWLEDGE OF THE RELEASE TO PROVIDE A DESCRIPTION OF THE RELEASE, THE CIRCUMSTANCES LEADING TO THE RELEASE, AND THE DATE OF THE RELEASE. IN ADDITION, THE PLAN MUST BE REVIEWED TO IDENTIFY MEASURES TO PREVENT THE REOCCURRENCE OF SUCH RELEASES AND TO RESPOND TO SUCH RELEASES, AND THE PLAN MUST BE MODIFIED WHERE APPROPRIATE.
- THIS PERMIT DOES NOT AUTHORIZE THE DISCHARGE OF HAZARDOUS SUBSTANCES OR OIL RESULTING FROM AN ON-SITE SPILL.

STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

- A STORMWATER POLLUTION PREVENTION PLAN SHALL BE DEVELOPED AND IMPLEMENTED FOR EACH CONSTRUCTION SITE COVERED BY THIS PERMIT. THE PLAN SHALL IDENTIFY POTENTIAL SOURCES OF POLLUTION THAT MAY REASONABLY BE EXPECTED TO AFFECT THE QUALITY OF STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY. IN ADDITION, THE PLAN SHALL DESCRIBE AND ENSURE THE IMPLEMENTATION OF BEST MANAGEMENT PRACTICES WHICH WILL BE USED TO REDUCE THE POLLUTANTS IN STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY AND TO ASSURE COMPLIANCE WITH THE TERMS AND CONDITIONS OF THIS PERMIT. FACILITIES MUST IMPLEMENT THE PROVISIONS OF THE STORMWATER POLLUTION PREVENTION PLAN REQUIRED UNDER THIS PART AS A CONDITION OF THIS PERMIT. FAILURE TO DEVELOP AND IMPLEMENT A STORMWATER POLLUTION PREVENTION PLAN IN ACCORDANCE WITH THE REQUIREMENTS OF THIS PART SHALL BE DEEMED A VIOLATION OF THIS PERMIT AND MAY RESULT IN ENFORCEMENT ACTION.
- THE PERMITTEE SHALL AMEND THE PLAN WHENEVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION OR MAINTENANCE, WHICH HAS A SIGNIFICANT EFFECT ON THE POTENTIAL FOR THE DISCHARGE OF POLLUTANTS TO SURFACE WATERS OF THE STATE OR AN OCEAN, INCLUDING THE ADDITION OF OR CHANGE IN LOCATION OF STORMWATER DISCHARGE POINTS, AND WHICH HAS NOT OTHERWISE BEEN ADDRESSED IN THE PLAN. THE PERMITTEE ALSO SHALL AMEND THE PLAN IF IT PROVES TO BE INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANTS FROM SOURCES IDENTIFIED IN THE GENERIC PERMIT OR IN OTHERWISE ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY. IN ADDITION, THE PLAN SHALL BE AMENDED TO IDENTIFY ANY NEW CONTRACTOR AND/OR SUBCONTRACTOR THAT WILL IMPLEMENT A MEASURE OF THIS SWPPP.
- AMENDMENTS TO THE PLAN SHALL BE PREPARED, SIGNED, DATED AND KEPT AS ATTACHMENTS TO THE ORIGINAL PLAN. THE GENERAL CONTRACTOR'S ON-SITE PROJECT FOREMAN WILL ENSURE COMPLIANCE WITH ALL PROCEDURES OUTLINED IN THIS PLAN.

SITE DESCRIPTION:

- DEVELOPMENT OF A MASTER-PLANNED VACANT PARCEL CONSISTING OF 1.01 ACRES FOR THE PROJECT AREA. ADDITION OF A 2,900 SF TUNNEL CARWASH FACILITY.
- SEQUENCE OF MAJOR ACTIVITIES - (SPECIFIC DATES FOR MAJOR ACTIVITIES LISTED BELOW WILL BE POSTED WITH THIS PLAN) SEE TABLE IN NEXT COLUMN.
- AREA OF SITE - 1.01 ACRES
AREA TO BE DISTURBED - 1.01 ACRES
- SOIL DATA:
A. PREDOMINANT SOIL TYPE - PHOMONA FINE SAND & EAUGALLIE FINE SAND
B. RUNOFF COEFFICIENT POST-CONSTRUCTION (CN) - 81
- DISCHARGE INFORMATION:
A. DISCHARGE POINT LATITUDE/LONGITUDE: 28° 15' 15" N 82° 22' 4" W
B. NAME OF RECEIVING WATER: UNKNOWN

STORMWATER POLLUTION PREVENTION PLAN INSPECTION REPORT FORM

INSPECTIONS MUST OCCUR AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM EVENT THAT IS 0.5 INCHES OR GREATER

PROJECT NAME: _____ FDEP NPDES STORMWATER IDENTIFICATION NUMBER: FLR10- _____

LOCATION	RAIN DATA	TYPE OF CONTROL (SEE BELOW)	DATE INSTALLED/ MODIFIED	CURRENT CONDITION (SEE BELOW)	CORRECTIVE ACTION/OTHER REMARKS
CONDITION CODE:		G = GOOD C = NEEDS TO BE CLEANED	M = MARGINAL, NEEDS MAINTENANCE OR REPLACEMENT SOON O = OTHER	P = POOR, NEEDS IMMEDIATE MAINTENANCE OR REPLACEMENT	
LOCATION					
1. SILT FENCE	10	STORM DRAIN INLET PROTECTION	19.	REINFORCED SOIL RETAINING SYSTEM	28. TREE PROTECTION
2. EARTH DIKES	11.	VEGETATIVE BUFFER STRIP	20.	GABION	29. DETENTION POND
3. STRUCTURAL DIVERSION	12.	VEGETATIVE PRESERVATION AREA	21.	SEDIMENT BASIN	30. RETENTION POND
4. SWALE	13.	RETENTION POND	22.	TEMPORARY SEED / SOD	31. WASTE DISPOSAL / HOUSEKEEPING
5. SEDIMENT TRAP	14.	CONSTRUCTION ENTRANCE STABILIZATION	23.	PERMANENT SEED / SOD	32. DAM
6. CHECK DAM	15.	PERIMETER DITCH	24.	MULCH	33. SAND BAG
7. SUBSURFACE DRAIN	16.	CURB AND GUTTER	25.	HAY BALES	34. OTHER
8. PIPE SLOPE DRAIN	17.	PAVED ROAD SURFACE	26.	GEOTEXTILE	
9. LEVEL SPREADERS	18.	ROCK OUTLET PROTECTION	27.	RIP-RAP	

INSPECTOR INFORMATION: _____ QUALIFICATION _____ DATE _____

THE ABOVE SIGNATURE ALSO SHALL CERTIFY THAT THIS FACILITY IS IN COMPLIANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN AND THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES IF THERE ARE NOT ANY INCIDENTS OF NON-COMPLIANCE IDENTIFIED ABOVE.

* I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECT SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL HAVE GATHERED AND EVALUATED THE INFORMATION SUBMITTED UPON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION. THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING.

NAME (RESPONSIBLE AUTHORITY) _____ DATE _____

SEQUENCE OF MAJOR ACTIVITY	RESPONSIBLE CONTRACTOR/SUBCONTRACTOR	START DATE
A) INSTALL TEMPORARY PERIMETER EROSION AND SEDIMENT CONTROL - SILT FENCE		
B) INSTALL STABILIZED CONSTRUCTION ENTRANCE		
C) SELECTIVELY CLEAR & GRUB SITE WITHIN SILT FENCE		
D) FILL AND REMOVE EXCESS TOP SOIL		
E) EXCAVATE STORMWATER MANAGEMENT POND		
F) STABILIZE DENIED AREAS AND STOCKPILES WITHIN 14 CALENDAR DAYS OF LAST CONSTRUCTION ACTIVITY AT A SPECIFIC AREA		
G) INSTALL STORMWATER MANAGEMENT SYSTEM ALONG WITH TEMPORARY DRAIN SEDIMENT CONTROL		
H) ADD FILL, GRADE AND STABILIZE AREA UNDER BUILDING FOOTPRINTS AND PAVEMENT		
I) CONSTRUCT BUILDINGS		
J) INSTALL UTILITIES		
K) INSTALL CURBING AND GUTTERS		
L) INSTALL IRRIGATION SYSTEM		
M) COMPLETE FINAL GRADING AND INSTALL LAST OF SOIL AND PLANTINGS		
N) COMPLETE PAVING (IF APPLICABLE)		
O) WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND SITE IS STABILIZED, REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL, RE-GRADE AND RE-SOD ANY AREAS DISTURBED BY REMOVAL ACTIVITIES		

CONTROLS:

- EROSION AND SEDIMENT CONTROLS - STABILIZATION
- TEMPORARY STABILIZATION - SOIL AND BASE MATERIALS STAGED, STOCKPILED, OR STORED ON-SITE ALONG WITH ANY DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 21 DAYS WILL BE STABILIZED WITH TEMPORARY SEED AND STRAW MULCH NOT LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY IN THAT AREA. THE TEMPORARY SEED SHALL BE APPLIED AT A RATE TO ENSURE APPROPRIATE COVERAGE TO PREVENT EROSION. FERTILIZATION WILL BE PROVIDED PRIOR TO SEEDING. AFTER SEEDING, STRAW MULCH OR MATING MATERIAL WILL BE APPLIED IN ORDER TO PREVENT EROSION AND HOLD THE SEED UNTIL IT GERMINATES AND IS ESTABLISHED. APPLICATION RATES AND THE CHOICES OF STRAW OR MATING IS SLOPE DEPENDENT. SUB-BASE AND BASE MATERIALS WILL BE APPLIED TO PAVED AREAS AND COMPACTED TO TEMPORARILY STABILIZE THEM UNTIL PAYMENT IS APPLIED. TEMPORARY STABILIZATION STRUCTURES AND MATERIALS WILL BE MAINTAINED UNTIL CONSTRUCTION ACTIVITIES ARE COMPLETE.
 - PERMANENT STABILIZATION - DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASE SHALL BE STABILIZED WITH SOIL OR OTHER GROUND COVER AS DESCRIBED IN THE LANDSCAPE PLANS NOT LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY. THE SOIL AND OTHER PLANTINGS SHALL BE MAINTAINED IN A MANNER TO PRESERVE AND MAINTAIN HEALTHY GROWTH.

- STRUCTURAL PRACTICES
- THE SILT FENCE SURROUNDING THE CONSTRUCTION SITE WILL BE THE PRIMARY METHOD TO CONTROL THE QUALITY OF RUNOFF UNTIL THE STORMWATER MANAGEMENT SYSTEM IS INSTALLED AND OPERATIONAL. TEMPORARY SILT BARRIERS USING EITHER HAY BALES OR SUPPLIER SPECIFIC ATTACHMENTS MAY BE INSTALLED TO PROTECT THE NEWLY INSTALLED STORMWATER MANAGEMENT SYSTEM UNTIL THE DRAINAGE AREAS ARE STABILIZED. THE CONTRACTOR WILL PROTECT ALL STORMWATER INLETS WITHIN AFFECTED AREAS TO PREVENT SILT OR SEDIMENT FROM ENTERING THE PUBLIC STORMWATER MANAGEMENT SYSTEM. THIS CAN BE ACCOMPLISHED THROUGH SEVERAL COMMONLY ACCEPTED PRACTICES SUCH AS SAND BAGS, INFILTRATION PIPE WRAPPED IN GEOTEXTILE, ETC.
 - SEDIMENT BASINS - ARE NOT REQUIRED FOR SITES UNDER 10 ACRES BUT ARE RECOMMENDED DEPENDING UPON THE EXPECTED PRECIPITATION DURING THE CONSTRUCTION PERIOD. SEDIMENT BASINS OR TRAPS SHOULD NOT BE CONSTRUCTED IN THE STORMWATER MANAGEMENT POND AREAS UNLESS ACCUMULATED SEDIMENT AND SILT ARE REMOVED FROM THE SITE ONCE CONSTRUCTION IS COMPLETE AND AS LONG AS THE CONSTRUCTION EQUIPMENT REMOVING THE ACCUMULATED SEDIMENT AND SILT WILL NOT EXCESSIVELY COMPACT THE AREA WITHIN THE POND HINDERING INFILTRATION OF THE SOILS.

- PERMANENT STORMWATER MANAGEMENT
- STORMWATER DRAINAGE FOR THE PROPOSED RETAIL BUILDINGS WILL SHEET FLOW TOWARDS THE PROPOSED INLETS AND INTO THE EXISTING STORMWATER SYSTEM. THE EXISTING SYSTEM DRAINS TO THE PROPOSED UNDERGROUND CHAMBER SYSTEM LOCATED ON THE NORTH AND EAST SIDES OF THE PROPERTY AS SHOWN ON GRADING AND DRAINAGE PLANS.

CONTROLS FOR OTHER POTENTIAL POLLUTANTS:

- WASTE MATERIALS - ALL WASTE MATERIALS WILL BE COLLECTED AND STORED SECURELY IN DUMPSTERS. SEPARATE DUMPSTERS WILL BE MAINTAINED FOR COMMON TRASH AND CONSTRUCTION DEBRIS IN THAT THESE ARE DISPOSED OF AT DIFFERENT LOCATIONS. COMMON TRASH WILL BE COLLECTED AND STORED IN A LIDDED DUMPSTER TO PREVENT WIND BLOWN DISTRIBUTION AND ACCESS BY PETS OR ANIMALS. THE DUMPSTERS WILL MEET LOCAL GOVERNING AGENCY'S SOLID WASTE REGULATIONS AND WILL BE DUMPED A MINIMUM OF ONCE A WEEK OR MORE OFTEN AS REQUIRED. NO WASTE MATERIALS WILL BE BURIED ON-SITE. ALL PERSONNEL WILL BE INSTRUCTED ON PROPER WASTE HANDLING AND DISPOSAL PROCEDURES.
- HAZARDOUS WASTE - ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY THE LOCAL GOVERNING AGENCY, THE STATE OF FLORIDA, FEDERAL GOVERNMENT, OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THE PRACTICES.
- SANITARY WASTE - ALL SANITARY WASTE WILL BE COLLECTED FROM PORTABLE UNITS A MINIMUM OF THREE TIMES PER WEEK BY A COMPANY, LICENSED IN THE GOVERNING JURISDICTION AS A SANITARY WASTE MANAGEMENT CONTRACTOR.

OFF-SITE VEHICLE TRACKING AND DUST CONTROL:

- STABILIZED CONSTRUCTION ENTRANCES WILL BE PROVIDED AND MAINTAINED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. ALL STREETS WITH CONSTRUCTION ENTRANCES WILL BE SWEEPED DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPULIN. BASED UPON SITE CONDITIONS, WATER WILL BE SPRAYED BY MECHANICAL MEANS TO CONTROL FUGITIVE DUST EMISSIONS PREVENTING THE FROM LEAVING THE CONSTRUCTION SITE.

MAINTENANCE/INSPECTION PROCEDURES:

EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES THESE ARE THE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS.

- ALL CONTROL MEASURES WILL BE INSPECTED AT LEAST ONCE EACH WEEK AND WITHIN 24 HOURS OF THE END OF ANY STORM EVENT OF 0.5 INCHES OR GREATER AS FOLLOWS: DISTURBED AREA AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR POTENTIAL FOR, POLLUTANTS ENTERING THE STORMWATER SYSTEM. THE STORMWATER MANAGEMENT SYSTEM AND EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. DISCHARGE LOCATIONS OR POINTS SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION AND SEDIMENT CONTROL AND STORMWATER TREATMENT MEASURES ARE EFFECTIVE IN PREVENTING OR MINIMIZING THE DISCHARGE OF POLLUTANTS INCLUDING RETAINING SEDIMENT ON-SITE. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING.
- ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF THE REPORT AND SHALL BE COMPLETE WITHIN 7 CALENDAR DAYS FOLLOWING THE INSPECTION.
- BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.
- SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND.
- THE SEDIMENT BASIN WILL BE INSPECTED FOR THE DEPTH OF SEDIMENT AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES 10 PERCENT OF THE DESIGN CAPACITY OR AT THE END OF THE JOB.
- ANY DRAINAGE DIKE WILL BE INSPECTED AND BREACHES PROMPTLY REPAIRED.
- TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
- A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. A COPY OF THE REPORT FORM TO BE COMPLETED BY THE INSPECTOR IS SHOWN ON THIS SHEET.
- THE GENERAL CONTRACTOR'S ON-SITE FOREMAN WILL SELECT THREE INDIVIDUALS WHO WILL BE RESPONSIBLE FOR INSPECTION, MAINTENANCE, AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION AND MAINTENANCE REPORT.
- PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING THROUGH THE GENERAL CONTRACTOR. THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROL INSPECTION TRAINING PROGRAM HAS SUCCESSFULLY COMPLETED.
- A QUALIFIED INSPECTOR IS DEFINED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AS A PERSON THAT HAS SUCCESSFULLY COMPLETED AND MET ALL REQUIREMENTS NECESSARY TO BE FULLY CERTIFIED THROUGH THE FDEP STORMWATER EROSION AND SEDIMENT CONTROL INSPECTION TRAINING PROGRAM. HAS SUCCESSFULLY COMPLETED AN EQUIVALENT FORMAL TRAINING PROGRAM; OR THAT IS QUALIFIED BY OTHER TRAINING OR PRACTICAL EXPERIENCE IN THE FIELD OF STORMWATER POLLUTION PREVENTION AND EROSION AND SEDIMENT CONTROL.

RETENTION OF RECORDS

- THE PERMITTEE OWNER SHALL RETAIN COPIES OF THE STORMWATER POLLUTION PREVENTION PLANS AND ALL REPORTS REQUIRED BY THIS PERMIT, AND RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT, FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED.
- THE PERMITTEE GENERAL CONTRACTOR SHALL RETAIN A COPY OF THE STORMWATER POLLUTION PREVENTION PLAN AND ALL REPORTS, RECORDS AND DOCUMENTS REQUIRED BY THIS PERMIT AT THE CONSTRUCTION SITE, OR AN APPROPRIATE ALTERNATIVE LOCATION AS SPECIFIED IN THE NOI, FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION. ALL OF THESE RECORDS, DOCUMENTS, ETC. WILL BE PRESENTED TO THE OWNER TO BE RETAINED FOR THE PERIOD SPECIFIED ABOVE.

NON-STORMWATER DISCHARGES

IT IS EXPECTED THAT THE FOLLOWING NON-STORMWATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD. ALL NON-STORMWATER DISCHARGES WILL BE DIRECTED INTO A SEDIMENT BASIN PRIOR TO DISCHARGE IF THE DISCHARGE IS NOT CAPTURED BY THE STORMWATER MANAGEMENT SYSTEM OR CONSTRUCTION OF THE ON-SITE STORMWATER MANAGEMENT SYSTEM OR ENTERS THE ON-SITE STORMWATER MANAGEMENT SYSTEM.

- WATER FROM WATER LINE FLUSHING.
- UNCONTAMINATED WASH WATERS WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED.
- PUNCTURED GROUNDWATER FROM DE-WATERING EXCAVATION.
- WATER FROM FIRE FIGHTING ACTIVITIES.

SPILL PREVENTION

MATERIAL MANAGEMENT PRACTICES

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORMWATER RUNOFF:

GOOD HOUSEKEEPING

THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ON-SITE DURING THE CONSTRUCTION PROJECT:

- AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.
- ALL MATERIALS STORED ON-SITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.
- PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.
- SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
- WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED BEFORE DISPOSING OF THE CONTAINER.
- MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.
- THE GENERAL CONTRACTOR'S ON-SITE PROJECT FOREMAN WILL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS.

HAZARDOUS PRODUCTS

- THESE SERVICES WILL BE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS:
- PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY CANNOT BE RESEALED.
 - ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION.
 - IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S OR LOCAL/STATE/FEDERAL RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

PRODUCT SPECIFIC PRACTICES

THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ON-SITE:

PETROLEUM PRODUCTS - ALL ON-SITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ON-SITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

FERTILIZER - FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORMWATER. STORAGE WILL BE IN A COVERED SHED. THE CONTENT OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

PAINTS - ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO ON-SITE OR COUNTY STORMWATER MANAGEMENT SYSTEMS, BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS OR LOCAL, STATE, FEDERAL REGULATIONS.

CONCRETE TRUCKS - CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISPOSE OF SURPLUS CONCRETE OR DRUM WASH WATER ON THIS SITE.

SPILL PRACTICES

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION CLEANUP:

- MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.
- MATERIAL AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ON-SITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, SHOVELS, RAGS, GLOVES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.
- ALL SPILLS WILL BE CLEANED UP AFTER DISCOVERY.
- THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
- SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE STATE WARNING POINT AS EARLIER DESCRIBED REGARDLESS OF SIZE.
- THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.
- THE GENERAL CONTRACTOR'S ON-SITE PROJECT FOREMAN RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. THE PROJECT FOREMAN WILL DESIGNATE AT LEAST THREE OTHER, SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF THE RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA, IN THE OFFICE TRAILER ON-SITE AND NEAR THIS PLAN.

STORMWATER POLLUTION PREVENTION PLAN CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING.

SIGNED: _____ DATE: _____

PRINTED NAME: _____

NOTE: THE INDIVIDUAL SIGNING HIS THE SAME INDIVIDUAL WHO SIGNED THE NOTICE OF INTENT (NOI) SECTION VI CERTIFICATION

CONTRACTOR'S CERTIFICATION:

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

GENERAL CONTRACTOR: _____ CONTRACTING FIRM

SIGNATURE _____ TITLE _____

PRINTED NAME FOR ABOVE SIGNATURE _____ TELEPHONE # _____

ADDRESS _____ RESPONSIBLE FOR _____

SUBCONTRACTOR: _____ CONTRACTING FIRM

SIGNATURE _____ TITLE _____

PRINTED NAME FOR ABOVE SIGNATURE _____ TELEPHONE # _____

ADDRESS _____ RESPONSIBLE FOR _____

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