

- EROSION CONTROL NOTES:**
- CONTRACTOR TO INSTALL PIPE SEDIMENT FILTER AT END OF EACH WORK DAY TO PREVENT ENTRY OF SEDIMENT INTO PROPOSED STORM SEWERS DURING CONSTRUCTION.
 - ALL STAGING AREAS, VEHICLE PARKING AREAS, STOCKPILES, SPOILS, ETC. SHALL BE LOCATED SUCH THAT THEY DO NOT ADVERSELY AFFECT THE STORM WATER QUALITY.
 - ONSITE FUEL STORAGE TANKS SHALL BE PROTECTED BY A BERMED OR OTHERWISE SPILL PROTECTED AREA.
 - A CENTRAL PIT/WASH BASIN SHOULD BE CONSTRUCTED ON SITE FOR THE PURPOSE OF TRUCK WASHING.
 - A MAINTENANCE PROGRAM SHALL BE DEVELOPED USING BEST MANAGEMENT PRACTICES FOR THIS PROJECT.
 - IN ORDER TO KEEP DISTURBANCE TO A MINIMUM, VEGETATION SHOULD BE RE-ESTABLISHED ON ALL DENUDED AREAS IN A TIMELY MANNER.
 - GENERAL CONTRACTOR AND OWNER/DEVELOPER ARE RESPONSIBLE FOR PREVENTING SEDIMENT OR OTHER POLLUTANTS FROM LEAVING THE SITE. CARE SHALL BE EXERCISED TO PREVENT THE FLOW OR OFF-SITE TRACKING OF SEDIMENT OR OTHER POLLUTANT TO ADJACENT ROADWAYS, INLETS, STORM SEWERS AND DRAINAGE DITCHES.
 - ALL SURFACE AREAS DISTURBED WITHIN OR ADJACENT TO CONSTRUCTION LIMITS MUST BE PERMANENTLY STABILIZED. STABILIZATION IS OBTAINED WHEN THE SITE IS COVERED WITH IMPERVIOUS STRUCTURES, PAVING OR A UNIFORM PERENNIAL VEGETATION COVER. THE PERENNIAL VEGETATION MUST HAVE A COVERAGE DENSITY OF AT LEAST 70 PERCENT. STABILIZATION IS REQUIRED BEFORE TERMINATING MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES.
 - ALL PERIMETER EROSION CONTROL MEASURES AND ROCK STABILIZED EXIT MUST BE IN PLACE BEFORE STARTING SOIL DISTURBING ACTIVITIES.
 - THE GENERAL CONTRACTOR OR OWNER SHALL INSPECT EROSION CONTROL MEASURES AT LEAST ONCE EACH WEEK AND WITHIN 24 HOURS AFTER A STORM EVENT OF 1/2 INCH OR GREATER. RECORDS OF EACH INSPECTION SHOULD BE RETAINED ON SITE WITH THE SWPPP. CONTRACTOR TO REPLACE OR REPAIR DAMAGED MEASURES AS NECESSARY. EROSION CONTROL MEASURES THAT PROVE TO BE INEFFECTIVE SHALL BE REPLACED WITH MORE EFFECTIVE MEASURES OR ADDITIONAL MEASURES WITHIN SEVEN (7) CALENDAR DAYS.
 - GENERAL CONTRACTOR AND OWNER/DEVELOPER SHALL SUBMIT NOTICE OF INTENT (NOI) AND NOTICE OF TERMINATION (NOT) FORMS TO THE EPA AND COPIES TO THE TOWN OF ADDISON, P.O. BOX 9010 ADDISON, TX 75001. ALL EPA ASSIGNED PERMIT NUMBERS (TXR100000) SHALL BE COPIED TO THE CITY WHEN THEY ARE AVAILABLE.
 - FOR ALTERNATIVE STABILIZATION AND EROSION CONTROL MEASURES, REFER TO THE CONSTRUCTION BEST MANAGEMENT PRACTICES (BMP) MANUAL PUBLISHED BY NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS.
 - IF "SUMP" PUMPS ARE USED TO REMOVE WATER FROM EXCAVATED AREAS, CONTRACTOR TO FILTER THE DISCHARGE TO REMOVE SEDIMENT AND OTHER POLLUTANTS BEFORE THE WATER ENTERS STORM DRAIN FACILITIES OR LEAVES THE SITE.
 - ROCK STABILIZED ACCESS SHALL BE CONSTRUCTED AT ALL POINTS USED AS AN EXIT FROM THE CONSTRUCTION SITE.
 - CONTRACTOR TO LIMIT ANY PROPOSED LIME STABILIZATION OPERATIONS TO THAT WHICH CAN BE MIXED AND COMPACTED BY THE END OF EACH WORK DAY. SILT FENCE IS NOT EFFECTIVE IN FILTERING LIME SINCE THE GRAIN SIZE IS SIGNIFICANTLY SMALLER THAN THE OPENING IN THE FABRIC.
 - STORE ALL TRASH AND BUILDING MATERIAL IN AN ENCLOSURE UNTIL PROPER DISPOSAL AT OFFSITE FACILITIES.
 - SURFACE STABILIZATION MEASURES MUST BE INITIATED 14 DAYS IN ANY AREA WHERE CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES FOR A PERIOD OF 21 DAYS OR MORE.
 - CONTRACTOR TO CONTROL POLLUTANTS OCCURRING IN STORM WATER DISCHARGES AFTER CONSTRUCTION ACTIVITIES ARE COMPLETE.

SITE DESCRIPTION

SOURCES OF POLLUTION: THE POTENTIAL SOURCES OF POLLUTION IDENTIFIED CONSIST OF STORM WATER RUNOFF FROM CONSTRUCTION ACTIVITIES. THERE ARE NO NON-STORM WATER DISCHARGES THAT ARE KNOWN TO EXIST AT THIS SITE. A SELF CONTAINED PORTABLE FACILITY WILL BE KEPT ON-SITE DURING CONSTRUCTION FOR HUMAN WASTE. CONSTRUCTION FUEL STORAGE IS NOT ANTICIPATED TO BE PROVIDED AT THE SITE. IF FUEL IS STORED AT THE SITE A BERM WILL BE PLACED AROUND THE FUEL TANK.

NATURE OF THE CONSTRUCTION ACTIVITY: THE CONSTRUCTION ACTIVITY CONSISTS OF GRADING, PAVING, AND UTILITIES TO SERVE THE SITE FOR CONSTRUCTION OF AN OFFICE/COMMERCIAL BUILDING.

SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES: REFER TO STORM WATER MANAGEMENT AND EROSION CONTROL SITE NOTES ON THIS SHEET AND OTHER PLAN SHEETS.

AREA ESTIMATES:
 TOTAL AREA ON-SITE 1.067 ACRES
 ESTIMATED DISTURBED AREA ON-SITE 1.067 ACRES
 ESTIMATED DISTURBED AREA OFF-SITE 0.363 ACRES

ESTIMATED RUNOFF COEFFICIENT AFTER CONSTRUCTION IS COMPLETED:
 UNDEVELOPED C = 0.40
 DEVELOPED C = 0.90

QUALITY OF STORM WATER DISCHARGE DATA: THERE IS NO DATA AVAILABLE

RECEIVING WATER: WHITE ROCK CREEK

WETLANDS ACREAGE: THERE ARE NO KNOWN WETLANDS ON THE SITE.

SOIL TYPE AT SITE: DARK BROWN AND REDDISH BROWN STIFF TO HARD MODERATELY TO HIGHLY PLASTIC CLAY SOILS OVERLYING WEATHERED TAN LIMESTONE.

ENDANGERED OR THREATENED SPECIES: THERE ARE NO KNOWN ENDANGERED OR THREATENED SPECIES OR CRITICAL HABITAT IMPACTED BY CONSTRUCTION ACTIVITIES FROM THIS SITE.

HISTORIC PLACES: THERE ARE NO KNOWN HISTORIC PLACES LISTED OR PLACES ELIGIBLE FOR LISTING ON THE NATIONAL REGISTER OF HISTORIC PLACES WHICH ARE IMPACTED BY THIS SITE.

B.M.P. CALCULATIONS

SILT FENCE:
 REINFORCED:
 DRAINAGE AREA PER 100 LINEAR FEET OF FENCE = 0.01 ACRES (0.25 ACRES ALLOWED)

CURB INLET PROTECTION:
 DRAINAGE AREA PER CURB INLET = 0.70 ACRES
 DRAINAGE AREA ALLOWED = 2.0 ACRES OR LESS

BLOCK/GRAVEL DROP INLET PROTECTION:
 DRAINAGE AREA PER DROP INLET = 1.6 DISTURBED ACRES
 DRAINAGE AREA ALLOWED = 1.0 ACRES OR LESS

STONE OVERFLOW STRUCTURE:
 INSTALL AT ALL LOW POINTS ALONG THE SILT FENCE OR EVERY 300 FEET IF THERE IS NO APPARENT LOW POINT.

TEMPORARY CONSTRUCTION ENTRANCE:
 AVOID GRADES STEEPER THAN 5% AND GRADE TO DRAIN BACK ON TO THE SITE OR TO ANOTHER BMP TO CONTROL OFF-SITE SEDIMENTATION.

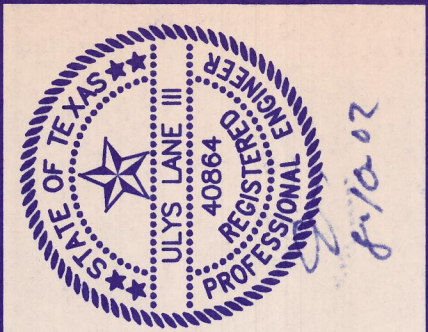
FILTER FABRIC SHALL BE USED FOR INSTALLATIONS WITH A CONSTRUCTION PERIOD OF MORE THAN 6 MONTHS, WHERE HEAVY TRUCK TRAFFIC IS ANTICIPATED DAILY, OR VERY WEAK SUB-GRADE SOILS ARE PRESENT.

- B.M.P. MAINTENANCE SCHEDULE**
- TEMPORARY STONE CONSTRUCTION ENTRANCE / EXIT: INSPECTIONS SHALL BE MADE WEEKLY AND AFTER RAIN STORM EVENTS TO ENSURE THAT THE FACILITY IS FUNCTIONING PROPERLY. AGGREGATE PAD SHALL BE WASHED DOWN OR REPLACED WHEN SEDIMENT OR MUD HAS CLOGGED THE VOID SPACES BETWEEN THE STONES OR MUD IS BEING TRACKED ONTO THE PUBLIC ROADWAY. RUNOFF FROM WASHDOWN OPERATION SHALL BE FILTERED THROUGH ANOTHER B.M.P. PRIOR TO DRAINING OFF-SITE.
 - SILT FENCE: INSPECTIONS SHALL BE MADE WEEKLY AND AFTER RAIN STORM EVENTS. SEDIMENT SHALL BE REMOVED FROM BEHIND FENCE WHEN DEPTH OF SEDIMENT HAS BUILT UP TO ONE-THIRD THE HEIGHT OF THE FENCE ABOVE GRADE. FENCE SHALL BE INSPECTED FOR GAPS AT BASE, INSPECT SUPPORTING POSTS AND FILTER FABRIC. REPLACE IF REQUIRED.
 - STONE OVERFLOW STRUCTURE: INSPECTIONS SHALL BE MADE WEEKLY AND AFTER RAIN STORM EVENTS TO ENSURE THAT THE FACILITY IS FUNCTIONING PROPERLY. SEDIMENT SHALL BE REMOVED FROM THE STORAGE AREA WHEN SEDIMENT DEPTH HAS BUILT UP TO ONE-HALF THE HEIGHT OF THE STONE OUTLET. REPAIR DISLODGED OR MISSING STONE RIP-RAP AND REPAIR ANY DOWNSTREAM EROSION.
 - BLOCK/GRAVEL DROP INLET PROTECTION: INSPECTIONS SHALL BE MADE WEEKLY AND AFTER RAIN STORM EVENTS. REMOVE SEDIMENT FROM STORAGE AREA WHEN DEPTH HAS BUILT UP TO ONE-HALF STORAGE DEPTH. IF DE-WATERING OF STORAGE VOLUME IS NOT OCCURRING, CLEAN OR REPLACE FILTER STONE (GRAVEL). CLEAN FILTER SURFACE STONE THE FIRST FEW TIMES BY RAKING. REPEATED SEDIMENT BUILDUP WILL REQUIRE FILTER FABRIC. REPLACE IF REQUIRED.
 - TYPE A OR B CURB INLET PROTECTION: INSPECTION SHALL BE MADE WEEKLY AND AFTER ALL RAIN EVENTS. REMOVE SEDIMENT FROM THE STORAGE AREA WHEN THE DEPTH OF SEDIMENT HAS BUILT UP TO ONE-HALF OF THE STORAGE AREA. IF DE-WATERING OF STORAGE VOLUME IS NOT OCCURRING, CLEAN OR REPLACE FILTER STONE (GRAVEL). CLEAN FILTER SURFACE STONE THE FIRST FEW TIMES BY RAKING. REPEATED SEDIMENT BUILDUP WILL REQUIRE FILTER FABRIC. REPLACE IF REQUIRED.

NO.	DATE	DESCRIPTION	BY

START INTERNATIONAL
 SOJOURN PLAZA
 ADDITION
 LOT 3R, BLOCK A

EROSION CONTROL
 NOTES



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