

INSPECTOR/REVIEWER: CONTRACTOR/SUBCONTRACTOR: TIER II CERTIFIED DESIGNER:

NAME ADDRESS PHONE EMAIL: JACOBS ENGINEERING GROUP INC. 10701 STREET HWY, SUITE 1400 ATLANTA, GA 30309 PHONE: (404) 978-7800 CONTACT NAME: TIER II CERT #:

EROSION CONTROL NARRATIVE:

PROJECT DESCRIPTION: THE PARAKEET - GUMBO PROJECT CONSISTS OF THE CONSTRUCTION OF A SECURE DATA FACILITY INCLUDING THE PAVED DRIVEWAY, PARKING AREA, AND DRIVE AISLES SURROUNDING THE BUILDING. CONSTRUCTION INVOLVES THE INSTALLATION OF UTILITIES TO SUPPORT SITE FUNCTION INCLUDING DOMESTIC WATER, SEWER COLLECTION, SANITARY SEWER AND A STORM WATER MANAGEMENT SYSTEM. ADDITIONAL UNDERGROUND SITE FEATURES INCLUDE ELECTRICAL AND TELECOMMUNICATIONS DUCTBANKS THE SITE IS 67.95 ACRES. THE TOTAL LAND DISTURBANCE FOR THIS PROJECT IS APPROXIMATELY 6.27 ACRES.

EXISTING SITE CONDITIONS: THE SITE IS A PREVIOUSLY CLEARED VACANT AREA ZONED FOR COMMERCIAL USE. ADJACENT AREAS: THE SITE IS BORDERED BY A WOODED AREA TO THE NORTH AND A PAVED ROAD TO THE EAST. THE REMAINING SURROUNDINGS ARE GRASSSED, VACANT AREA. A DIRT ROAD RUNS NORTH-SOUTH TO THE WEST OF THE SITE.

OFF-SITE AREAS: NO OFF-SITE LAND DISTURBING ACTIVITIES ARE PLANNED ANY OFF-SITE LAND DISTURBANCE ACTIVITIES WILL REQUIRE A SEPARATE PERMIT BY THE CONTRACTOR.

SOILS: SOILS WITHIN THE PROJECT AREA ARE CLASSIFIED BY NRCS' WEB SOIL SURVEY AND ARE LISTED BELOW. ADDITIONAL SOIL CHARACTERISTICS FOR EACH TYPE CAN BE FOUND ON NRCS' WEB SOIL SURVEY.

Table with 2 columns: SOIL TYPES-DESCRIPTION and SYMBOL. Rows include VALKARIA FINE SAND, O TO 2 PERCENT SLOPES (19), MYAKKA-MYAKKA, WET, FINE SANDS, 0 TO 2 PERCENT SLOPES (11), and SMYRNA FINE SAND, 0 TO 2 PERCENT SLOPES (21).

CRITICAL EROSION AREAS: NO AREAS WITHIN THE PROJECT SITE ARE CONSIDERED CRITICAL AREAS.

EROSION AND SEDIMENT CONTROL MEASURES: THE FOLLOWING CONTROLS TO BE USED INCLUDE: CONSTRUCTION ENTRANCE MATS (C302), CONCRETE WASH AREA PER DWGS C-300, C-301, C302, SILT FENCE PER DWGS C-300, C-301, C302, ROCK CHECK DAM PER DWGS C-300, C-301, C302, STORM DRAIN INLET PROTECTION PER DWGS C-301, C302, MULCH PROTECTION PER DWGS C-300, C-301, C302, SEEDING PER DWGS C-300, C-301, C302, MULCHING PER DWGS C-300, C-301, C302.

PERMANENT STABILIZATION: DISTURBED AREAS OF THE SITE WILL BE SEEDED, MULCHED AND STABILIZED ACCORDING TO THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL. EROSION IS ATTAINED.

STORMWATER RUNOFF CONSIDERATIONS: RUNOFF ULTIMATELY DISCHARGES TO THE EXISTING POND SOUTH OF THE SITE OR IS RETAINED IN THE PROPOSED BORROW AREA ON SITE. RUNOFF FROM THE PROPOSED AREAS WITHIN THE PAVED AREAS AND DIRECTED TO THE PONDS OR SHEET FLOWS DIRECTLY TO THE PROPOSED POND.

EROSION AND SEDIMENT CONTROL MAINTENANCE NOTES: ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED THROUGHOUT THE CONSTRUCTION PROCESS TO ENSURE THE OVERALL EFFECTIVENESS OF THE EROSION AND SEDIMENT CONTROL PLAN. AT A MINIMUM, INSPECTIONS MUST OCCUR AT LEAST ONCE A WEEK AND WITHIN TWENTY-FOUR (24) HOURS AFTER A STORM EVENT PRODUCING 1/2" OR MORE OF PRECIPITATION.

1. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED REGULARLY FOR UNDERMINING OR DETERIORATION AND BUILDUP OR CLOGGING WITH SEDIMENT. CORRECTIVE ACTION SHALL BE TAKEN IMMEDIATELY.

2. FREQUENT INSPECTIONS AND CLEANING OF MUD AND DEBRIS FOUND OUTSIDE OF THE LIMITS OF DISTURBANCE IS REQUIRED, ALONG WITH ANY OTHER REMEDIES REQUIRED BY THE CITY.

3. ALL SEEDED AREAS WILL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND OF GRASS IS MAINTAINED. AREAS SHALL BE RESEED AS NEEDED. TEMPORARY STABILIZATION WILL BE USED AS REQUIRED BY THE CITY.

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SEQUENCE OF CONSTRUCTION:

PHASE 1: MOBILIZATION AND SITE PREPARATION (30 DAYS)

- 1. PROVIDE THE CITY INSPECTOR 48 HOURS NOTIFICATION TO SCHEDULE AN ON-SITE PRE-CONSTRUCTION MEETING FOR THE ISSUANCE OF THE LAND DISTURBANCE PERMIT. THE PRE-CONSTRUCTION MEETING MUST INCLUDE THE CONTRACTOR'S CERTIFIED RESPONSIBLE LAND DISTURBER (CRLD), OWNER, ENGINEER, VSPM CONSTRUCTION ACTIVITY OPERATOR, AND ENVIRONMENTAL INSPECTOR (OR AUTHORIZED REPRESENTATIVE).
2. PRIOR TO THE PRE-CONSTRUCTION MEETING, THE CONTRACTOR IS TO HAVE ALL LIMITS OF DISTURBANCE (LOD), ACCESS ROADS, TREES EARMARKED FOR STREAM STRUCTURES AND SEDIMENT AND EROSION CONTROL DEVICE LOCATIONS STAKED OUT IN THE FIELD FOR REVIEW AND APPROVAL BY THE CITY INSPECTOR AND ENGINEER.
3. AT THE TIME OF THE PRE-CONSTRUCTION MEETING, TWO STANDARD SIGNS MUST BE INSTALLED ON EACH SIDE OF THE CONSTRUCTION ACCESS. THESE SIGNS SHOULD STATE EITHER "CONSTRUCTION ENTRANCE AHEAD" OR "TRUCKS ENTERING HIGHWAY".
4. THE CONTRACTOR SHALL CONTACT SUNSHINE 811 AT PHONE NUMBER 811 OR 1-800-432-4770 TO REQUEST UNDERGROUND UTILITY LOCATION MARK-OUT AT LEAST THREE (3) WORKING DAYS BUT NO MORE THAN TEN (10) WORKING DAYS PRIOR TO BEGINNING EXCAVATION. THE CONTRACTOR SHALL ALSO CONTACT AND REQUEST UTILITY LOCATION MARK-OUT FROM BURIED UTILITY OWNERS WITH UTILITIES ON THE PROJECT SITE THAT ARE NOT PARTICIPANTS OF SUNSHINE 811.
5. INSTALL THE TEMPORARY CONSTRUCTION ENTRANCE AS SHOWN ON THE DRAWINGS.
6. INSTALL EROSION AND SEDIMENT CONTROL (ESC) MEASURES AS SHOWN ON THE DRAWINGS IN ACCORDANCE WITH THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL.
7. THE CITY ENVIRONMENTAL ENGINEERING INSPECTOR MUST APPROVE PHASE 1 PRIOR TO CONTINUING TO THE NEXT PHASE OF CONSTRUCTION.

PHASE 2: CONSTRUCTION (60 DAYS)

- 8. DEMOLISH EXISTING FEATURES AS SHOWN ON THE DRAWINGS AND COMPLETE SITE PREPARATION.
9. INSTALL EROSION AND SEDIMENT CONTROL (ESC) MEASURES AS SHOWN ON THE DRAWINGS IN ACCORDANCE WITH THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL.
10. THE CITY INSPECTOR MUST APPROVE EACH PHASE PRIOR TO CONTINUING TO THE NEXT PHASE OF CONSTRUCTION.

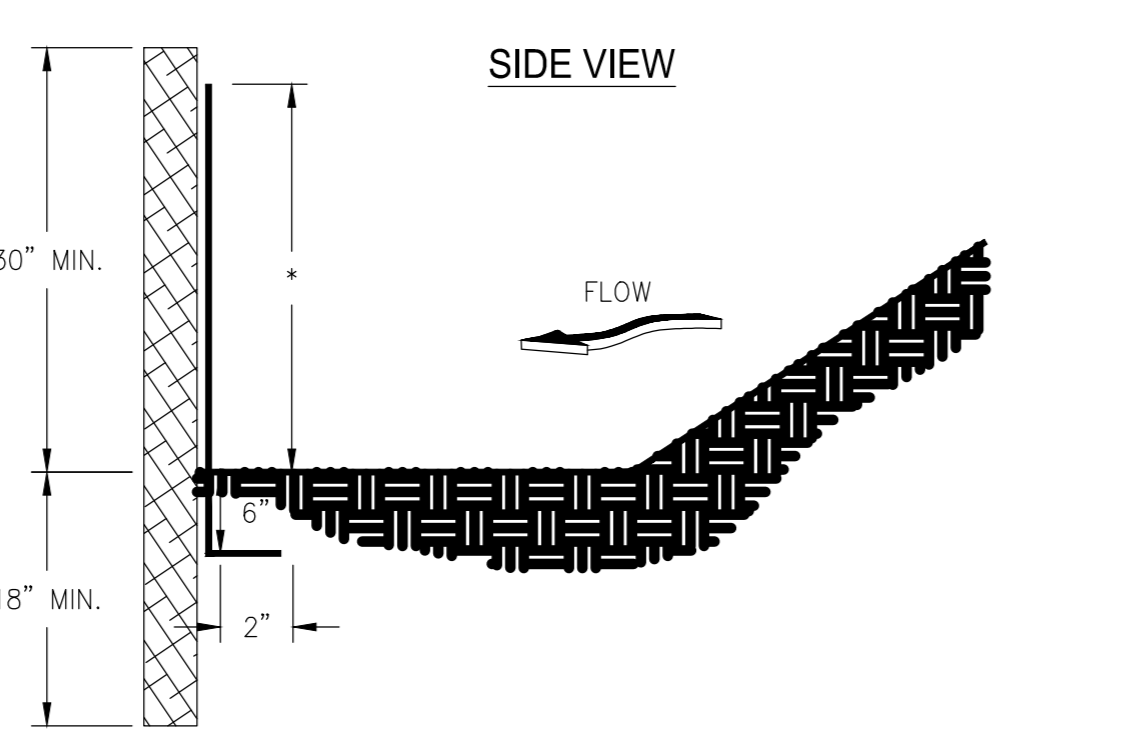
PHASE 3: PLANTING, PUNCH LIST AND DEMOBILIZATION (45 DAYS)

- 11. UPON COMPLETION OF CONSTRUCTION, ALL DISTURBED AREAS SHALL BE FINE GRADED AND PERMANENTLY STABILIZED PER THE VESCH AND PLANTING PLANS, AS APPROPRIATE, PRIOR TO SCHEDULING FINAL INSPECTION.
12. SCHEDULE AND CONDUCT A PRE-PLANTING MEETING. SEE PLANTING PLAN.
13. PLANT AREAS DURING THE SPRING OR FALL GROWING SEASONS PER THE PLANTING PLANS, EXCEPT FOR LIVE STAKES WHICH CAN ONLY BE INSTALLED DURING THEIR DOMINANT (NUMBER 1 TO MARCH 30). SOME PLANTINGS (E.G. PERMANENT SEEDING) WILL NEED TO OCCUR DURING EARLIER PHASES AS CONSTRUCTION AND STABILIZATION IS COMPLETED IN EACH AREA.
14. SCHEDULE AND CONDUCT AN ON-SITE PUNCHLIST WALK THROUGH MEETING AND CORRECT ANY OUTSTANDING ITEMS. ESC MEASURES SHALL NOT BE REMOVED UNTIL CONSTRUCTION IS COMPLETE AND APPROVAL IS OBTAINED FROM THE CITY INSPECTOR.
15. ONCE APPROVAL IS OBTAINED, REMOVE SEDIMENT CONTROL DEVICES INCLUDING TREE PROTECTION FENCE, PLANKING AND ANY MULCH USED IN THE ACCESS PATHS DOWN TO 4 INCHES WITHIN FOREST AREAS.
16. SCHEDULE AND CONDUCT A FINAL PUNCH LIST WALK.

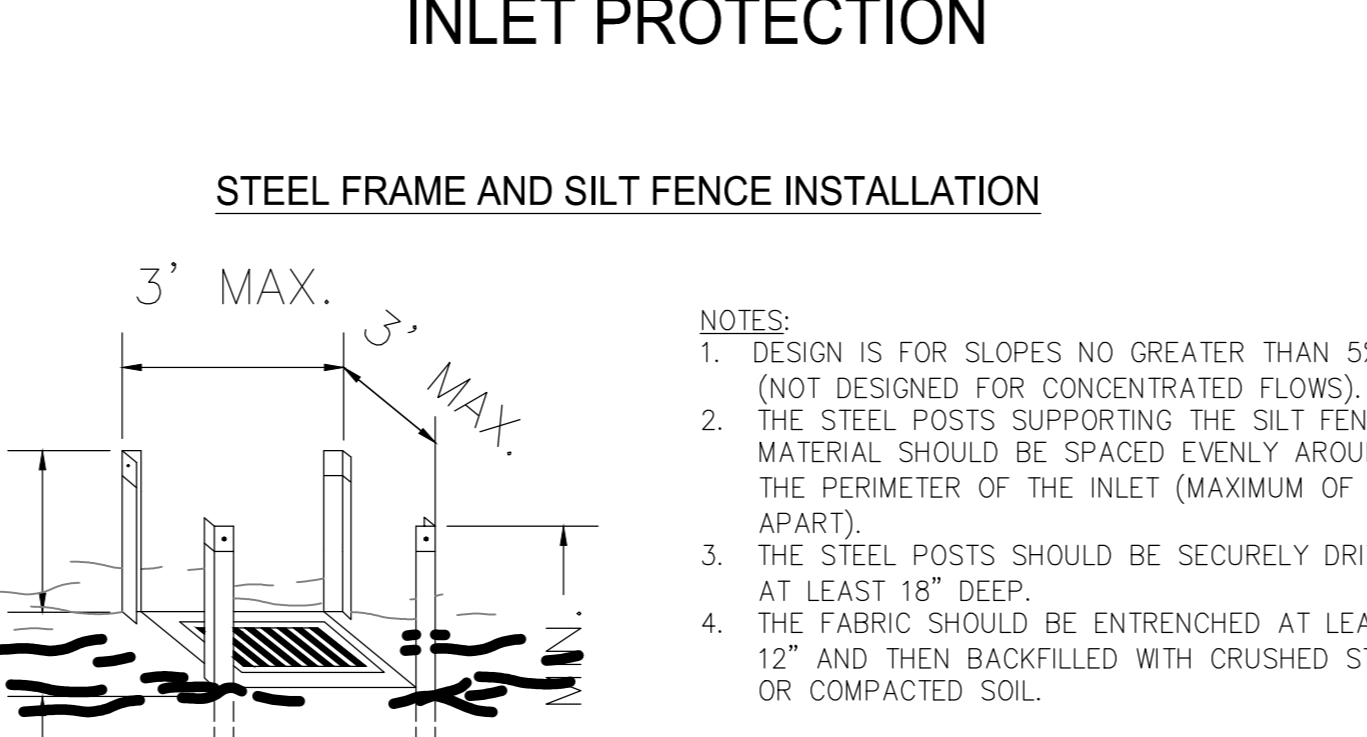
TOTAL ESTIMATED WORKING DAYS: 135 DAYS

SCHEDULE OF MAJOR ACTIVITIES table with columns: BEGIN CONSTRUCTION, DESCRIPTION, and months 1-6. Rows include maintenance of all erosion control measures, installation of pre-grading erosion control measures, install during grading erosion control measures, utilities installation, mass grading, install after grading erosion control measures, building and pavement construction, and remove temporary erosion measures.

SD1-S SILT FENCE - TYPE SENSITIVE

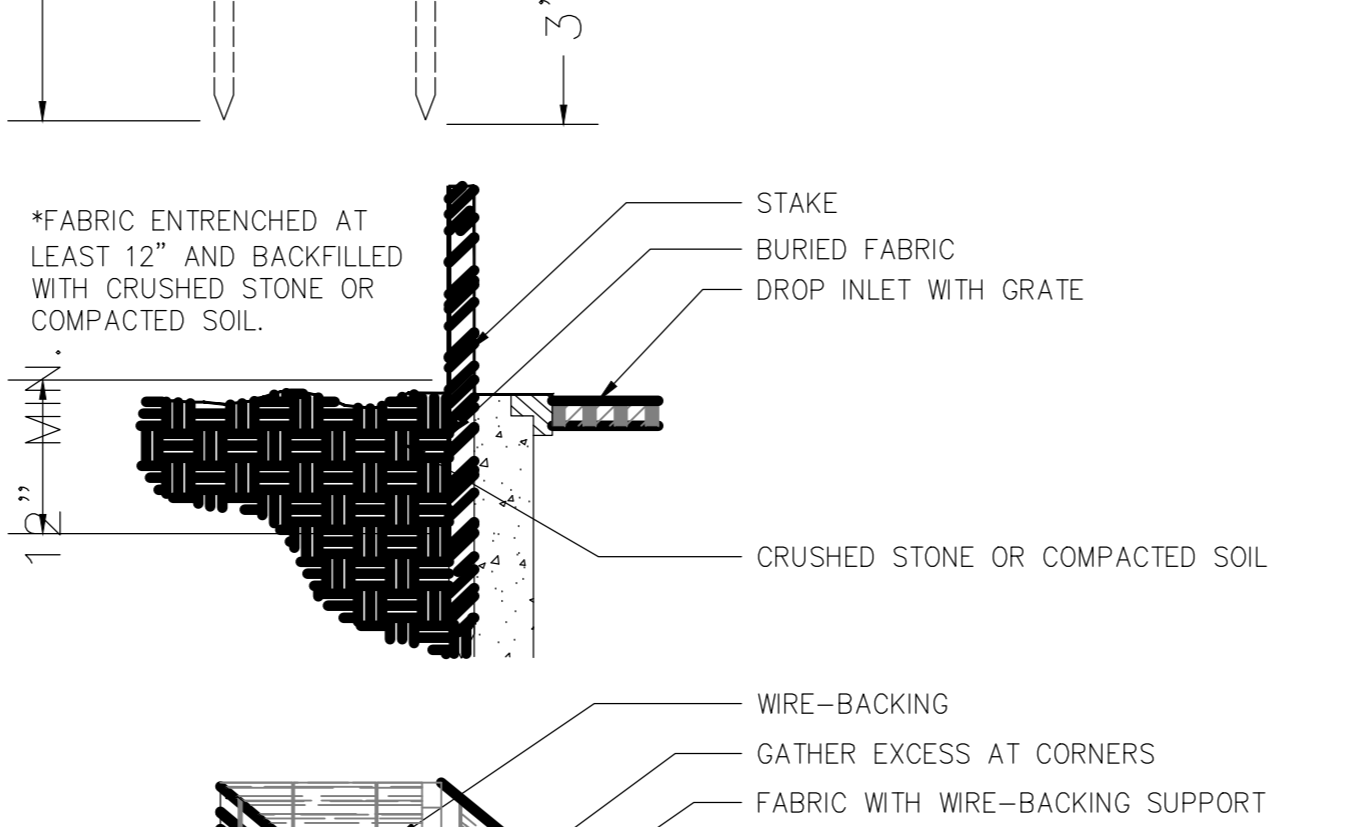
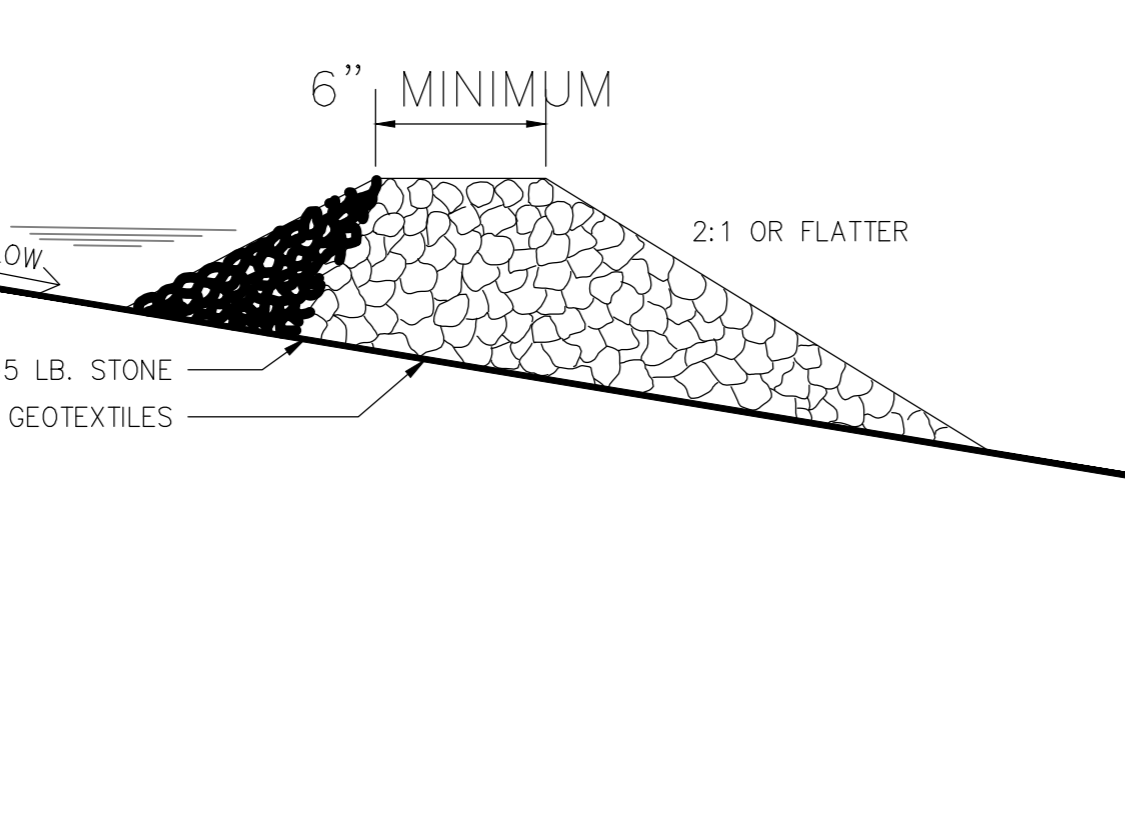
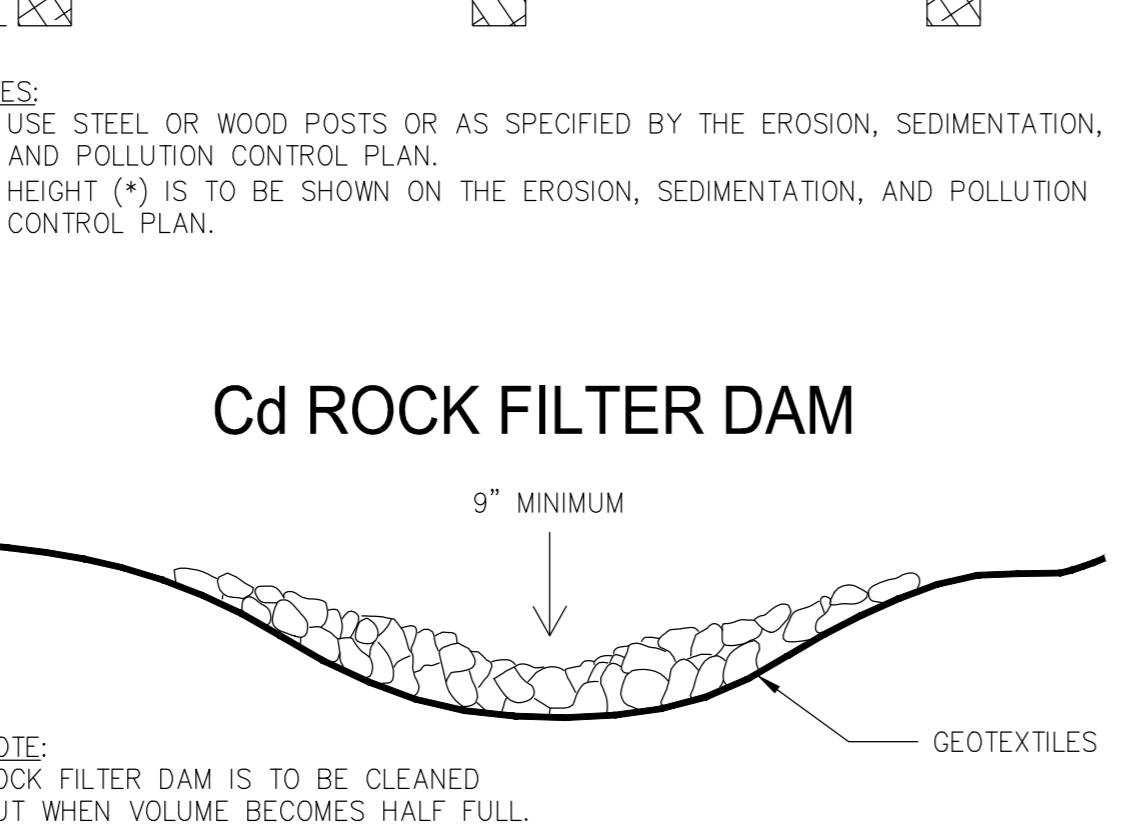
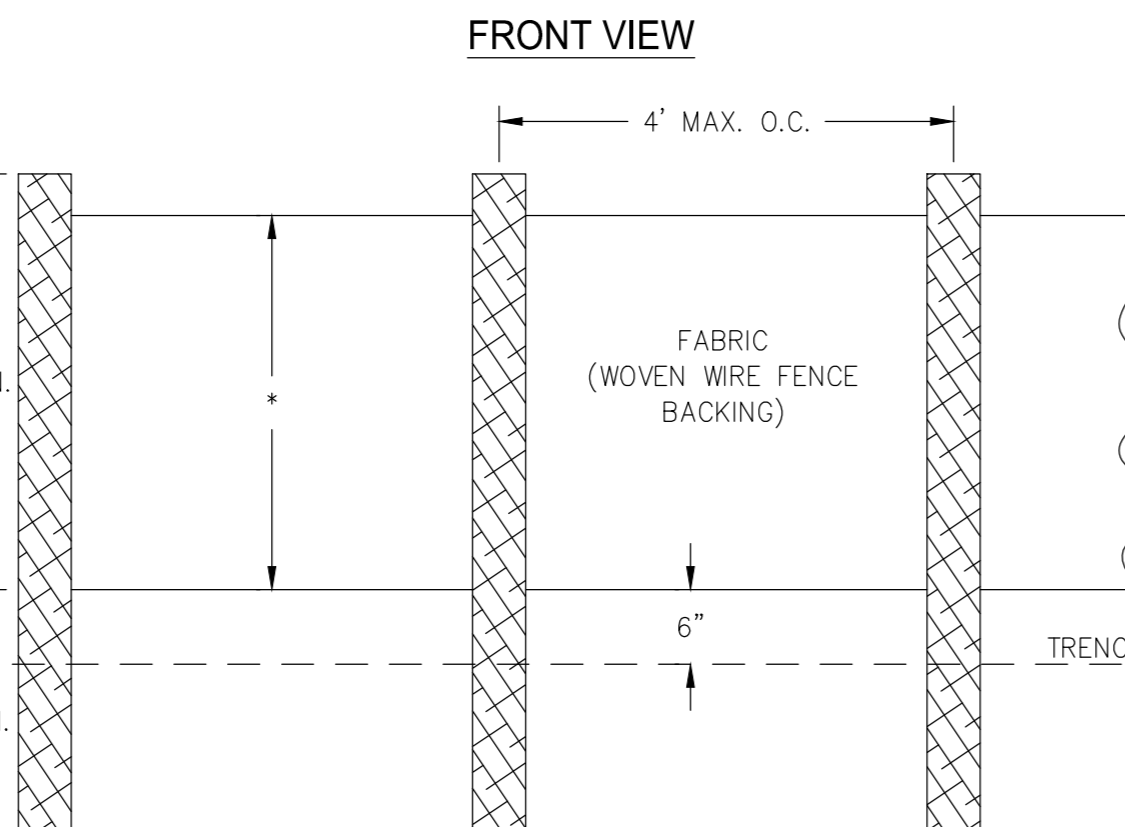


SD2-F FABRIC AND SUPPORTING FRAME FOR INLET PROTECTION



EROSION AND SEDIMENT CONTROL NOTES:

- 1. DUE TO THE NATURE OF THE WORK REQUIRED BY THIS CONTRACT, IT IS ANTICIPATED THE LOCATION AND NATURE OF EROSION AND SEDIMENT CONTROL MEASURES WILL BE ADJUSTED AS CONSTRUCTION PROGRESSES TO REFLECT THE CURRENT PHASE OF WORK. THE CONSTRUCTION SCHEDULE ADOPTED BY THE CONTRACTOR WILL IMPACT THE PLACEMENT AND NEEDED FREQUENCY OF THE CONTROL OF EROSION. THE LOCATION AND NATURE OF EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REVISED AT EACH PHASE OF CONSTRUCTION RESULTING IN A CHANGE IN LOCATION OR DIRECTION OF THE CONSTRUCTION AREAS. EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE AT THE CONCLUSION OF THE PROJECT.
2. CONTRACTOR SHALL OBTAIN PRIOR APPROVAL FROM THE ENGINEER, OWNER, AND REGULATORY AGENCIES FOR DEVIATIONS FROM THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
3. NO LAND DISTURBANCE, DETERIORATION OR CONSTRUCTION ACTIVITIES SHALL BEGIN UNTIL ALL PERMITTER EROSION AND SEDIMENT CONTROL MEASURES, INCLUDING, BUT NOT LIMITED TO, SILT FENCING, INLET PROTECTION, TEMPORARY DIVERSIONS, AND CONSTRUCTION ENTRANCE HAVE BEEN INSTALLED AS SHOWN ON THE CONTRACT DRAWINGS. IF CLEARING IS REQUIRED FOR INSTALLATION OF A PART OF THE EROSION AND SEDIMENT CONTROL MEASURES, CLEARING SHALL BE INSTALLED FIRST. CLEARING OF THE NECESSARY LAND FOR INSTALLATION OF THE PARTICULAR MEASURES SHALL BE INSTALLED FIRST. CLEARING OF THE NECESSARY LAND FOR INSTALLATION OF THE PARTICULAR MEASURES SHALL BE INSTALLED FIRST. CLEARING OF THE NECESSARY LAND FOR INSTALLATION OF THE PARTICULAR MEASURES SHALL BE INSTALLED FIRST.
4. CLEARING SHALL BE LIMITED AS MUCH AS POSSIBLE TO AREAS REQUIRED FOR CURRENT CONSTRUCTION ACTIVITIES. MASS CLEARING AND GRADING SHALL BE AVOIDED.
5. ALL EROSION CONTROL MEASURES SHALL BE INSPECTED WITHIN 24 HOURS FOLLOWING EVERY RAINFALL, BUT IN NO CASE LESS THAN ONCE EVERY SEVEN CALENDAR DAYS.
6. CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES AS SHOWN ON THE CONTRACT DRAWINGS. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REPAIRED OR REPLACED IMMEDIATELY AS REQUIRED TO MAINTAIN PERFORMANCE OF MEASURE. MEASURES SHALL BE CLEANED WHEN SEDIMENT VOLUME REACHES 1/2 OF TOTAL VOLUME OF MEASURE. SEDIMENT SHALL BE DISPOSED OF IN SUCH A MANNER AND LOCATION AS TO INSURE FURTHER SEDIMENT TRANSPORT DOES NOT OCCUR.
7. CONTRACTOR SHALL INITIATE STABILIZATION MEASURES AS SOON AS PRACTICABLE ON STOCKPILES AND IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. THIS REQUIREMENT DOES NOT APPLY IN THE FOLLOWING INSTANCES:
A. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 7TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASED IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.
B. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN FOURTEEN (14) DAYS. TEMPORARY STABILIZATION MEASURES DO NOT BE INITIATED ON THAT PORTION OF THE SITE.
8. ALL DISTURBED AREAS SHALL DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBANCE ACTIVITIES AND UNTIL FINAL STABILIZATION IS ACHIEVED. SEDIMENT-LADEN GROUNDWATER ENCOUNTERED DURING TRENCHING, BORING, OR OTHER ACTIVITIES SHALL BE PUMPED INTO A SEDIMENT TRAPPING DEVICE PRIOR TO BEING DISCHARGED INTO A STREAM, POND, SWALE, OR CATCH BASIN.
9. SOIL STOCKPILE AND LAYDOWN AREAS SHALL HAVE PERMITTER SEDIMENT CONTROL MEASURES AND TEMPORARY OR PERMANENT STABILIZATION MEASURES INSTALLED AS SOON AS POSSIBLE AND AT COMPLETION OF STOCKPILING AND LAYDOWN ACTIVITIES. STOCKPILE SIDE SLOPES SHALL NOT EXCEED 3H: 1V UNLESS APPROVED BY ENGINEER. TOP OF STOCKPILE SHALL BE GRADED WITH A MINIMUM 5% SLOPE TO INSURE PROPER DRAINAGE.
10. ALL DISTURBED AREAS, EXCEPT FOR CONCRETE AND PAVED AREAS, SHALL BE FERTILIZED, SEEDED AND MULCHED IN ACCORDANCE WITH THE SPECIFICATIONS AND THE SEEDING SCHEDULE, AND RE-SEEDED AS NECESSARY. TO ESTABLISH AND MAINTAIN A WOODED, DENSE VEGETATIVE COVER.
11. ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS SHALL BE PROTECTED TO PREVENT THE DEPOSITION OF MATERIALS ONTO TRAVELING OFFSITE ROADWAYS. IF MATERIAL IS TRACKED ONTO OFFSITE ROADWAYS, IT SHALL BE REMOVED IMMEDIATELY. DO NOT UTILIZE A WATER HOSE TO CLEAN ROADS UNLESS THE RUNOFF IS DIRECTED TO A PROPERLY DESIGNED AND FUNCTIONING SEDIMENT CONTROL DEVICE. PROPER PRECAUTIONS SHALL BE TAKEN TO ENSURE THAT MATERIAL DEPOSITED ONTO OFFSITE ROADWAYS ARE REMOVED IMMEDIATELY. DO NOT ENTER YARD INLETS, CATCH BASINS, SEWERS, WETLANDS, SURFACE WATER BODIES, OR ROADSIDE SWALES.
12. WHERE CONCRETE EQUIPMENT WASHING IS REQUIRED, THIS MUST BE DONE IN AN APPROVED CONCRETE CONTAINMENT AREA. CONTRACTOR SHALL NOT DISCHARGE ANY CONCRETE WASHOUT WATER INTO SEWERS. SURFACE WATER BODIES OR ONTO THE GROUND. ALL WASHOUT WATER MUST BE REMOVED FROM THE SITE(S) DAILY. EXISTING MATERIAL STOCKPILES MUST BE LOCATED A MINIMUM OF 50' FROM STORM DRAINS AND STREAMS UNLESS NO REASONABLE ALTERNATIVES ARE AVAILABLE. STOCKPILES SHALL BE LOCATED OUTSIDE OF CONTRACT DOCUMENT DEFINED FLOOD ZONES.
13. ALL EARTHEN STOCKPILES AND SURCHARGE MOUNDS GREATER THAN 10' IN HEIGHT OR HAVING SIDE SLOPES GREATER THAN 3:1 MUST BE ENCAPSULATED BY A CHAIN-LINK BACKED SILT FENCE OR APPROVED ALTERNATIVE. THE FIRST ROW OF SILT FENCE SHALL BE SPACED 10' FROM THE TOE OF THE MOUND. THE SECOND ROW OF SILT FENCE SHALL BE SPACED 5' FROM THE FIRST ROW. IN THE EVENT THE SITE DOES NOT HAVE PERMITTER EROSION AND SEDIMENT CONTROL MEASURES INSTALLED, THEN DOUBLE ROW SILT FENCING IS REQUIRED REGARDLESS OF THE STOCKPILE OR SURCHARGE HEIGHT.
14. DEDICATED AREAS FOR DEMOLITION, CONSTRUCTION, AND OTHER WASTES MUST BE LOCATED A MINIMUM OF 50' FROM STORM DRAINS AND STREAMS UNLESS NO REASONABLE ALTERNATIVES ARE AVAILABLE.
15. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES. WATER SHALL NOT BE USED TO CLEAN ROADS UNLESS THE RUNOFF IS DIRECTED TO A PROPERLY DESIGNED AND FUNCTIONING SEDIMENT CONTROL DEVICE.
16. RUNOFF FROM THE EXCAVATED AREAS CONTAINS SEDIMENTS THAT MUST BE REMOVED PRIOR TO DISCHARGING TO RECEIVING BODIES OF WATER USING REMOVABLE PUMPING STATIONS, SUMP PITS, PORTABLE SEDIMENTATION TANKS AND/OR SILT CONTROL BAGS.
17. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE. PERMANENT VEGETATION SHALL BE ESTABLISHED ON ALL DISTURBED AREAS, AND LOCAL AUTHORITIES HAVE GIVEN PERMISSION FOR REMOVAL.
18. MATERIALS REUSED ON-SITE DURING CONSTRUCTION SHALL BE STORED BEHIND FLOOD PRONE AREAS UNTIL INSTALLED AND ACCEPTED IN PLACE.



NON-STORM WATER DISCHARGES

ALL NON-STORM WATER DISCHARGES WILL BE ROUTED THROUGH ON SITE BMPs AND THE STORM WATER MANAGEMENT SYSTEM WHERE POSSIBLE. THESE DISCHARGES INCLUDE FLUSHING OF WATER AND FIRE LINES, IRRIGATION WATER, GROUND WATER DEWATERING OF PITS OR DEPRESSIONS WITHIN THE CONSTRUCTION SITE AND RINSE OFF WATER OF NON-TOXIC MATERIALS.

OTHER CONTROLS

WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

WASTE MATERIALS

ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED A MINIMUM OF ONCE PER WEEK OR MORE OFTEN IF NECESSARY AND TRASH WILL BE HAULED AS REQUIRED BY LOCAL REGULATIONS. NO CONSTRUCTION WASTE WILL BE BURIED ON-SITE. ALL PERSONNEL WILL BE INSTRUCTED ON PROPER PROCEDURES FOR WASTE DISPOSAL. A NOTICE STATING THESE PRACTICES WILL BE POSTED AT THE JOBSITE AND THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

HAZARDOUS WASTES

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL STATE AND/OR FEDERAL REGULATIONS AND BY THE MANUFACTURER OF SUCH PRODUCTS. THE JOB SITE SUPERINTENDENT, WHO WILL ALSO BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED, WILL INSTRUCT SITE PERSONNEL IN THESE PRACTICES. MATERIAL SAFETY DATA SHEETS (MSDS) FOR EACH PRODUCT WITH HAZARDOUS PROPERTIES THAT IS USED ON THE JOB SITE WILL BE OBTAINED AND USED FOR THE PROPER MANAGEMENT OF POTENTIAL WASTES THAT MAY RESULT FROM THESE PRODUCTS. AN MSDS WILL BE POSTED IN THE IMMEDIATE AREA WHERE SUCH PRODUCT IS STORED AND/OR USED AND ANOTHER COPY OF EACH MSDS WILL BE MAINTAINED IN THE ESOPF FILE AT THE JOB SITE CONSTRUCTION TRAILER OFFICE. EACH EMPLOYEE WHO MUST HANDLE A SUBSTANCE WITH HAZARDOUS PROPERTIES WILL BE INSTRUCTED ON THE USE OF MSDS SHEETS AND THE SPECIFIC INFORMATION IN THE APPLICABLE MSDS FOR THE PRODUCT HE/SHE IS USING. PARTICULARLY REGARDING SPILL CONTAINMENT TECHNIQUES.

THE CONTRACTOR WILL IMPLEMENT THE SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) PLAN FOUND WITHIN THIS ESOPF AND WILL TRAIN ALL PERSONNEL IN THE PROPER CLEANUP AND HANDLING OF SPILLED MATERIALS. NO SPILLED HAZARDOUS MATERIALS OR HAZARDOUS WASTES WILL BE ALLOWED TO COME IN CONTACT WITH STORM WATER DISCHARGES. IF SUCH CONTACT OCCURS, THE STORM WATER DISCHARGE WILL BE CONTAINED ON SITE UNTIL APPROPRIATE MEASURES IN COMPLIANCE WITH STATE AND FEDERAL REGULATIONS ARE TAKEN TO DISPOSE OF SUCH CONTAMINATED STORMWATER. IT SHALL BE THE RESPONSIBILITY OF THE JOB SITE SUPERINTENDENT TO PROPERLY TRAIN ALL PERSONNEL IN THE USE OF THE SPCC PLAN.

SANITARY WASTES

A MINIMUM OF ONE PORTABLE SANITARY UNIT WILL BE PROVIDED FOR EVERY TEN (10) WORKERS ON THE SITE. ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF ONE TIME PER WEEK BY A LICENSED PORTABLE FACILITY PROVIDER IN COMPLETE COMPLIANCE WITH LOCAL AND STATE REGULATIONS. ALL SANITARY WASTE UNITS WILL BE LOCATED IN AN AREA WHERE THE LIKELIHOOD OF THE UNIT CONTRIBUTING TO STORM WATER DISCHARGE IS NEGIGIBLE. ADDITIONAL CONTAINMENT BMPs MUST BE IMPLEMENTED SUCH AS GRAVEL BAGS OR SPECIALLY DESIGNED PLASTIC SKID CONTAINERS AROUND THE BASE TO PREVENT WASTES FROM CONTRIBUTING TO STORM WATER DISCHARGES. THE LOCATION OF SANITARY WASTE UNITS MUST BE IDENTIFIED ON THE EROSION CONTROL PLAN INTERMEDIATE PHASE SHEET(S) BY THE CONTRACTOR ONCE THE LOCATIONS HAVE BEEN DETERMINED.

OFFSITE VEHICLE TRACKING

A STABILIZED CONSTRUCTION EXIT HAS BEEN PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENT. SEE INCLUDED PAGES FOR CONSTRUCTION EXIT LOCATION AND DETAILS. THE PAVED STREET ADJACENT TO WILL BE INSPECTED DAILY FOR TRACKING OF MUD, DIRT OR ROCK. DUMP TRUCKS HAULING MATERIAL FROM CONSTRUCTION SITE WILL BE COVERED WITH A TARPALIN.

SPILL PREVENTION

PRACTICES SUCH AS GOOD HOUSEKEEPING, PROPER HANDLING OF HAZARDOUS PRODUCTS, AND PROPER SPILL CONTROL PROCEDURES WILL BE FOLLOWED TO REDUCE THE RISK OF SPILLS AND SPILLS FROM DISCHARGING INTO STORM WATER RUNOFF.

GOOD HOUSEKEEPING

- 1. QUANTITIES OF PRODUCTS STORED ON-SITE WILL BE LIMITED TO THE AMOUNT NEEDED FOR THE JOB.
2. PRODUCTS AND MATERIALS WILL BE STORED IN A NEAT, ORDERLY MANNER IN APPROPRIATE CONTAINERS PROTECTED FROM RAINFALL, WHERE POSSIBLE.
3. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH MANUFACTURER LABELS LEGIBLE AND VISIBLE.
4. PRODUCT MIXING, DISPOSAL, AND DISPOSAL OF PRODUCT CONTAINERS WILL BE ACCORDING TO THE MANUFACTURERS RECOMMENDATIONS.
5. THE CONTRACTOR WILL INSPECT SUCH MATERIALS TO ENSURE PROPER USE, STORAGE AND DISPOSAL.

PRODUCT SPECIFIC PRACTICES

PETROLEUM BASED PRODUCTS: CONTAINERS FOR PRODUCTS SUCH AS FUELS, LUBRICANTS AND TARS WILL BE INSPECTED DAILY FOR LEAKS AND SPILLS. THIS INCLUDES ON-SITE VEHICLE AND MACHINERY DAILY INSPECTIONS AND REGULAR PREVENTATIVE MAINTENANCE OF SUCH EQUIPMENT. EQUIPMENT MAINTENANCE AREAS WILL BE LOCATED AWAY FROM STATE WATER, NATURAL DRAINS, AND STORM WATER DRAINAGE WAYS. IN ADDITION, TEMPORARY FUELING TANKS SHALL HAVE A SECONDARY CONTAINMENT LINER TO PREVENT MINIMIZE SITE CONTAMINATION. DISCHARGE OF OILS, FUELS, AND LUBRICANTS IS PROHIBITED. PROPER DISPOSAL METHODS WILL INCLUDE COLLECTION IN A SUITABLE CONTAINER AND DISPOSAL AS REQUIRED BY LOCAL AND STATE REGULATIONS. ALL PRODUCTS WILL BE STORED IN TIGHTLY SEALED ORIGINAL CONTAINERS WHEN NOT IN USE. EXCESS PRODUCT WILL NOT BE DISCHARGED TO THE STORM WATER COLLECTION SYSTEM. EXCESS PRODUCT, MATERIALS USED WITH THESE PRODUCTS, AND PRODUCT CONTAINERS WILL BE DISPOSED OF ACCORDING TO MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS. CONCRETE TRUCK WASHING: THE PLAN INCLUDES BEST MANAGEMENT PRACTICES FOR CONCRETE WASHDOWN OF TOOLS, CONCRETE MIXER, CHUTES, HOPPER AND REAR OF THE TRUCKS. WASH DOWN OF CONCRETE TRUCK DRUM AT THE CONSTRUCTION SITE IS PROHIBITED.

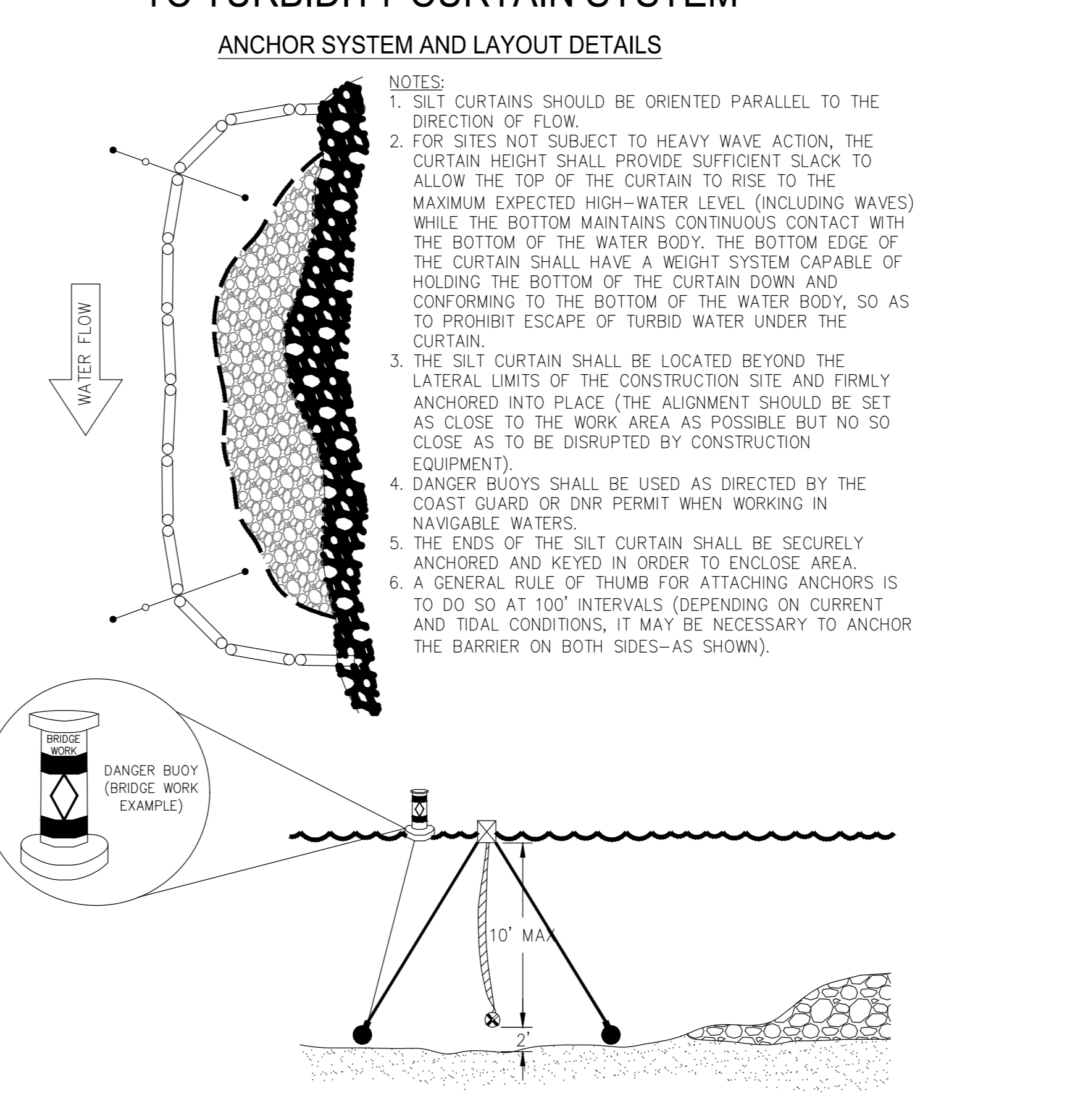
FERTILIZER/HERBICIDES: THESE PRODUCTS WILL BE APPLIED AT RATES THAT DO NOT EXCEED THE MANUFACTURERS RECOMMENDATIONS OR ABOVE, SEE GUIDELINES SET FORTH IN THE CROP ESTABLISHMENT OR IN THE GSWC MANUAL. FERTILIZER AND SEDIMENT CONTROL IN FLORIDA. ANY STORAGE OF THESE MATERIALS WILL BE UNDER ROOF IN SEALED CONTAINERS.

BUILDING MATERIALS: NO BUILDING OR CONSTRUCTION MATERIALS WILL BE BURIED OR DISPOSED OF ON-SITE. ALL SUCH MATERIAL WILL BE DISPOSED OF USING PROPER WASTE DISPOSAL PROCEDURES.

SPILL CLEANUP AND CONTROL PRACTICES:

- 1. LOCAL STATE AND MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND PROCEDURES WILL BE MADE AVAILABLE TO SITE PERSONNEL.
2. SPILL PREVENTION PRODUCTS AND PROCEDURES WILL BE KEPT IN THE MATERIAL STORAGE AREAS. TYPICAL MATERIALS AND EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SAWDUST AND PROPERLY LABELED PLASTIC AND METAL WASTE CONTAINERS.
3. SPILL PREVENTION PRODUCTS AND PROCEDURES WILL BE REVIEWED AFTER A SPILL AND ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS.
4. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. ALL SPILLS WILL BE REPORTED AS REQUIRED BY LOCAL, STATE AND FEDERAL REGULATIONS.
5. FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER), THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-424-8802 OR 1-202-426-2675.
6. FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-424-8802 OR 1-202-426-2675.
7. FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE FLORIDA EPD WILL BE CONTACTED WITHIN 24 HOURS.
8. FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE SPILL WILL BE CLEANED UP AND LOCAL AGENCIES WILL BE CONTACTED AS REQUIRED.
9. THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 1320 GALLONS OF PETROLEUM IS STORED ON-SITE (THIS INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 660 GALLONS. THE CONTRACTOR WILL NEED A SPILL PREVENTION CONTAINMENT AND COUNTERMEASURES PLAN PREPARED BY THAT LICENSED PROFESSIONAL.

TC TURBIDITY CURTAIN SYSTEM



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MULCH STORAGE REQUIREMENT:

MULCH STORAGE MUST COMPLY WITH THE FOLLOWING SECTION OF THE STANDARD FIRE PREVENTION CODE, SECTION 502.3.1. NO PERSON SHALL STORE IN ANY BUILDING OR UPON ANY PREMISES IN EXCESS OF 2,500 CUFT. GROSS VOLUME OF COMBUSTIBLE EMPTY PACKING CASES, BOXES, BARRELS OR SIMILAR CONTAINERS, OR RUBBER TIRES, RUBBER OR CORK OR OTHER SIMILAR COMBUSTIBLE MATERIALS WITHOUT A PERMIT.