

GENERAL NOTES

SEQUENCE AND TIMING OF EROSION AND SEDIMENT CONTROLS MEASURES

1. EXCAVATION OF WATER MANAGEMENT FACILITIES SHOULD OCCUR IMMEDIATELY AFTER CLEARING AND GRUBBING TO SERVE AS A SEDIMENT TRAP OR CATCHMENT FOR STORMWATER RUNOFF FROM EXPOSED SOILS.
2. CONSTRUCTION OF PERIMETER BERM OR SITE GRADING TO PREVENT OFF-SITE DISCHARGE OF STORMWATER RUNOFF.
3. PLACEMENT OF SILT FENCES AND OR HAY BALES, PROPERLY ANCHORED, TO CONTAIN EROSION IN AREAS PRONE TO STORMWATER RUNOFF EROSION VELOCITIES.
4. PERMANENT STABILIZATION WILL BE PROVIDED TO PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE CEASED BY LAYING SOD.
5. INLET PROTECTION WILL BE PROVIDED FOR EACH INLET EITHER BY SILT FENCE/FILTER FABRIC STAKED IN PLACE OR HAY BALES.
6. OUTLET PROTECTION WILL BE PROVIDED BY TURBIDITY SCREENS WITHIN THE RECEIVING BODY.

STORMWATER MANAGEMENT

1. THE STORMWATER MANAGEMENT SYSTEM WILL CONSIST OF CONVEYANCE SYSTEM INCLUDING INLETS AND CULVERTS DIRECTING STORMWATER RUNOFF INTO THE DETENTION FACILITY FOR TREATMENT AND ATTENUATION, PRIOR TO DISCHARGE TO OFF-SITE RECEIVING BODIES. WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM IN AND AROUND ALL INLETS AND CATCH BASINS.

MAINTENANCE/INSPECTIONS PROCEDURES EROSION AND SEDIMENT CONTROL AND MAINTENANCE PRACTICES

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

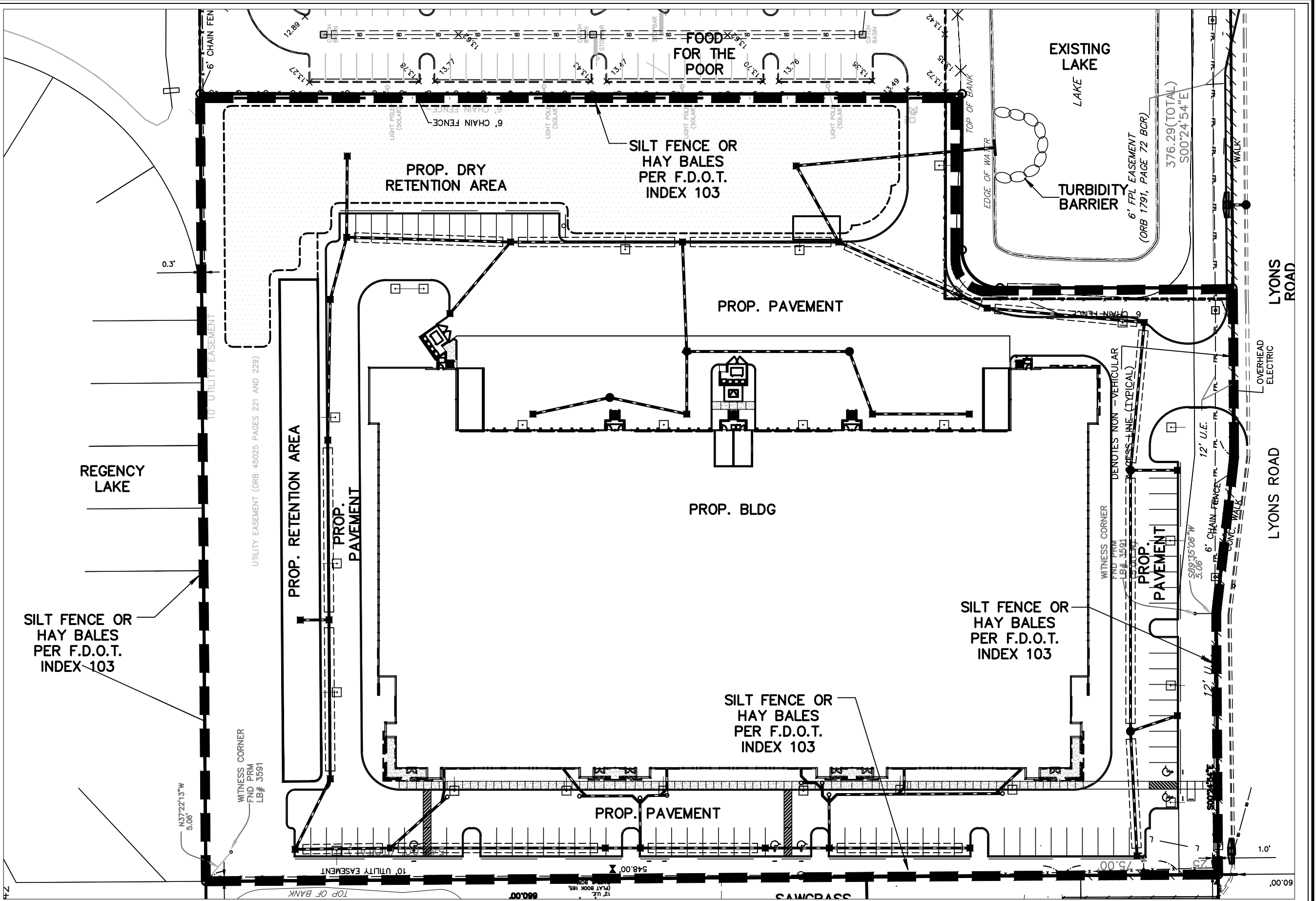
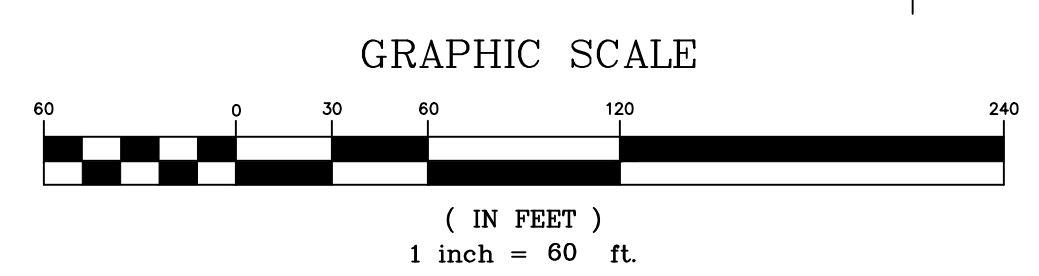
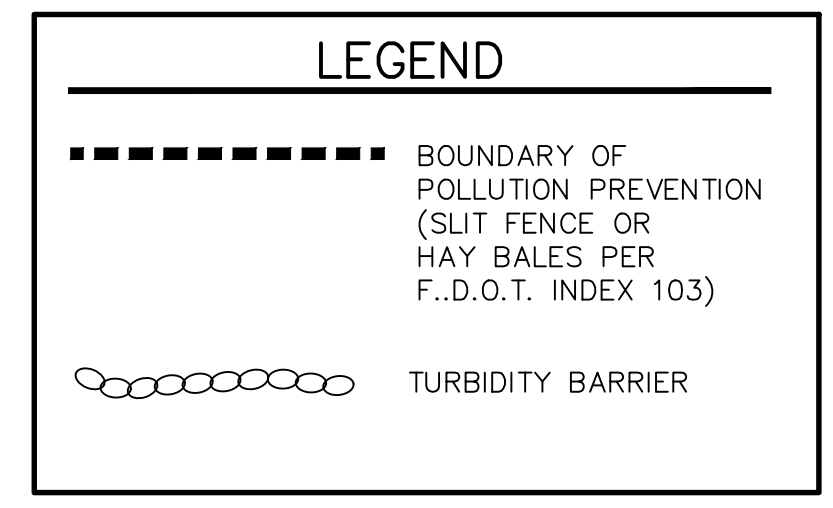
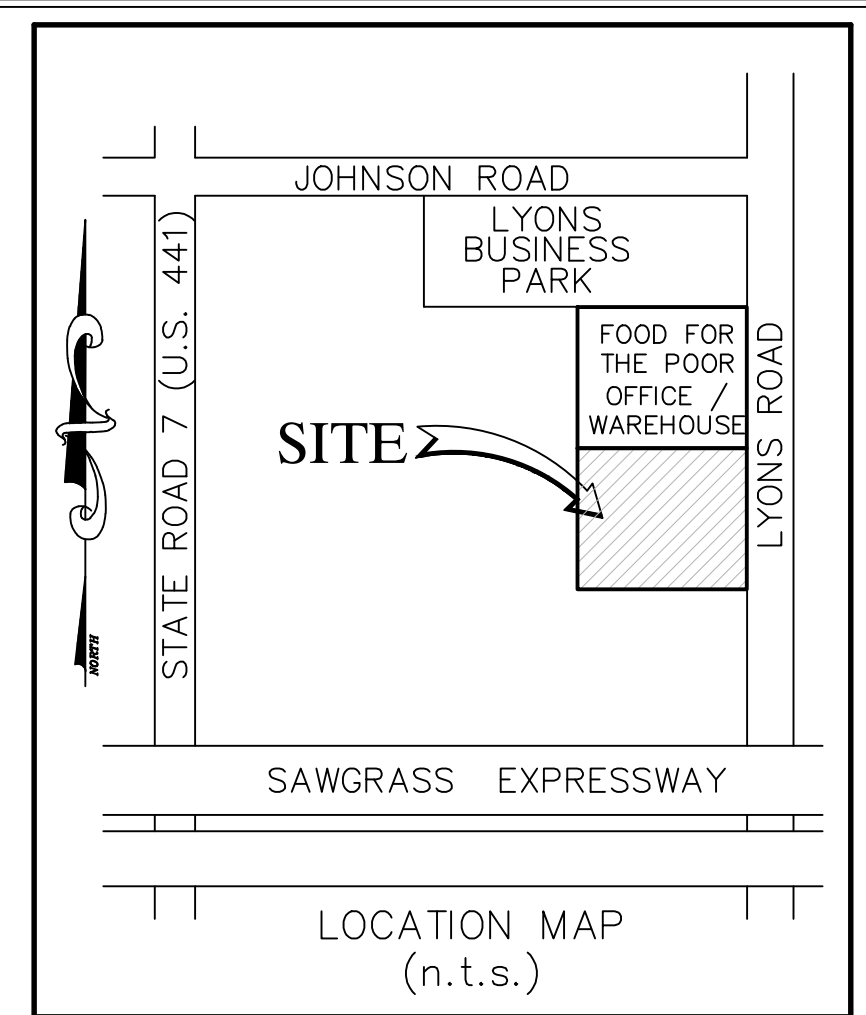
1. ALL CONTROL MEASURES WILL BE INSPECTED AT LEAST ONCE EACH WEEK AND FOLLOWING ANY STORM EVENT OF 0.5 INCHES OR GREATER. RAINFALL AMOUNT SHOULD BE BASED ON AN ONSITE RAIN GAUGE.
2. ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF ONSITE INSPECTION REPORT.
3. BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.
4. 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.
5. A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. A COPY OF THE REPORT FORM TO BE COMPLETED BY THE INSPECTOR IS ATTACHED.
6. THE SITE SUPERINTENDENT WILL DESIGNATE A QUALIFIED EMPLOYEE WHO WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND COMPLETING THE INSPECTION AND MAINTENANCE REPORTS.

NON-STORMWATER DISCHARGES

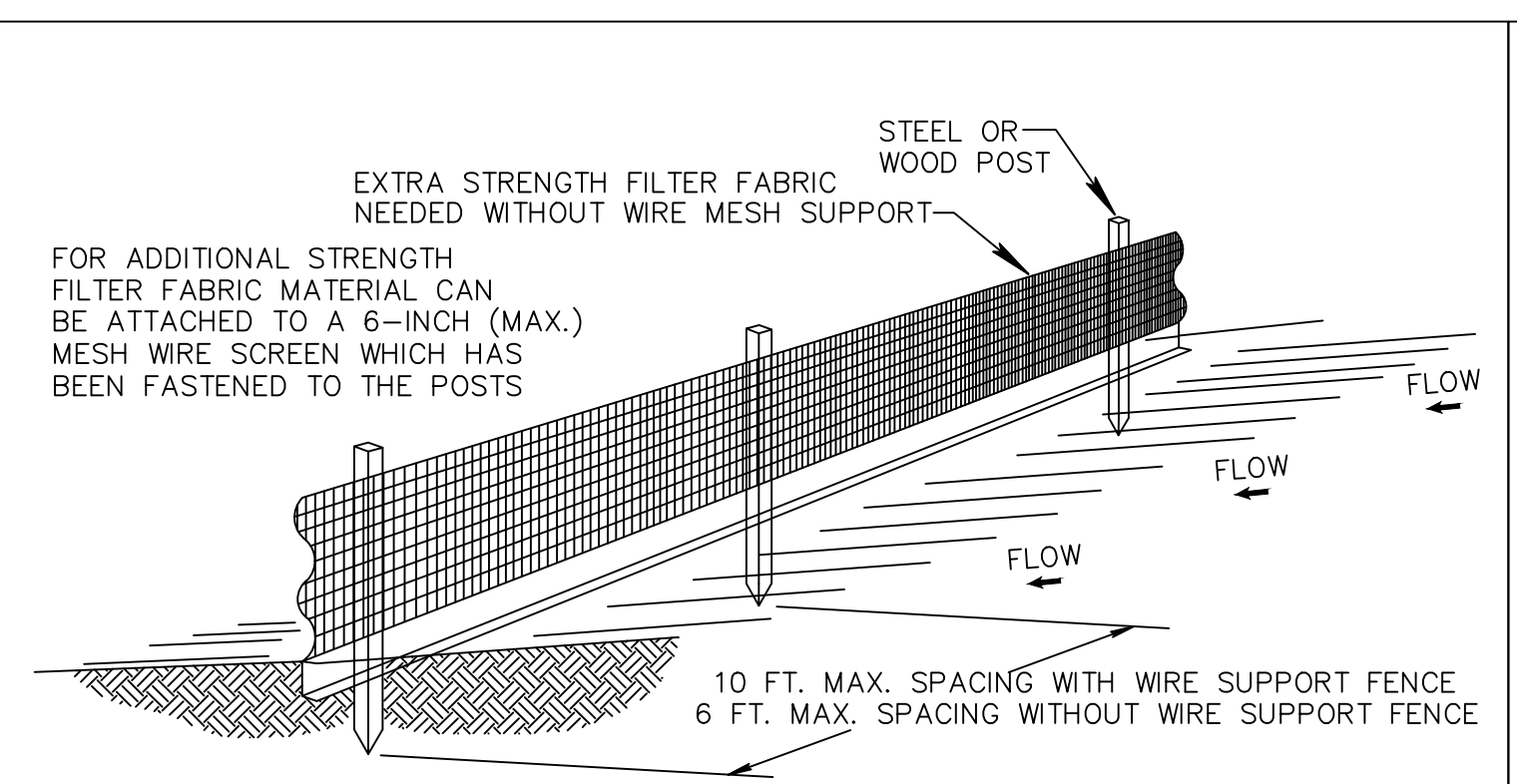
1. NON-STORMWATER DISCHARGES (AS PROVIDED IN PART IV.A.3 DEP DOCUMENT NO. 62-621.300(4)(A)) ARE PERMISSIBLE PROVIDED THAT DISCHARGE DOES NOT CAUSE EROSION OR CREATE TURBIDITY WITHIN THE RECEIVING BODY AND ARE IN COMPLIANCE WITH REGULATORY REQUIREMENTS. THESE DISCHARGES MAY INCLUDE WATER LINE FLUSHING, FIRE FIGHTING ACTIVITIES, FIRE HYDRANT FLUSHING, DUST CONTROL, IRRIGATION DRAINAGE AND AIR CONDITIONING CONDENSATE AND WATER USED TO SPRAY OFF LOOSE SOLIDS FROM VEHICLES (WASTEWATER FROM A MORE THOROUGH CLEANING, INCLUDING THE USE OF DETERGENTS OR OTHER CLEANERS IS NOT PERMITTED).

MATERIAL MANAGEMENT PRACTICES

1. WASTE MATERIALS: ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY COVERED METAL DUMPSTER PROVIDED BY A LICENSED SOLID WASTE MANAGEMENT COMPANY IN BROWARD COUNTY. THE DUMPSTER WILL MEET ALL BROWARD COUNTY AND STATE SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED AS NEEDED SO THERE IS NO OVERFLOW. TRASH WILL BE HAULLED TO AN AUTHORIZED/PERMITTED LANDFILL FACILITY. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE OF WASTE DISPOSAL.
2. HAZARDOUS WASTE: ALL HAZARDOUS WASTE MATERIAL WILL BE DISPOSED OF IN A MANNER SPECIFIED BY LOCAL OR STATE REGULATIONS. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES.
3. SANITARY WASTE: ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF TWICE PER WEEK BY THE LICENSED SANITARY COMPANY, AS REQUIRED BY LOCAL REGULATIONS.
4. PETROLEUM PRODUCTS: ALL ON-SITE VEHICLES AND TANKS WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE 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 ACCORDINGLY TO THE MANUFACTURER'S RECOMMENDATIONS. ALL ABOVE GROUND TANKS FOR FUELING WILL BE SECONDARILY CONTAINED.
5. PESTICIDES AND HERBICIDES: ANY PESTICIDE AND HERBICIDE USAGE WILL BE BY STATE LICENSED APPLICATORS.
6. FERTILIZERS: FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNT RECOMMENDED BY THE MANUFACTURER. IF STORED ON-SITE, COVERED STORAGE WILL BE PROVIDED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZERS WILL BE TRANSFERRED TO A SEALABLE CONTAINER TO AVOID SPILLS.
7. PAINTS: ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS' INSTRUCTIONS OR STATE OR LOCAL REGULATIONS.
8. OFFSITE VEHICLE TRACKING: A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO REDUCE VEHICLE TRACKING OF SEDIMENTS. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPULIN, AS REQUIRED BY STATE LAW.

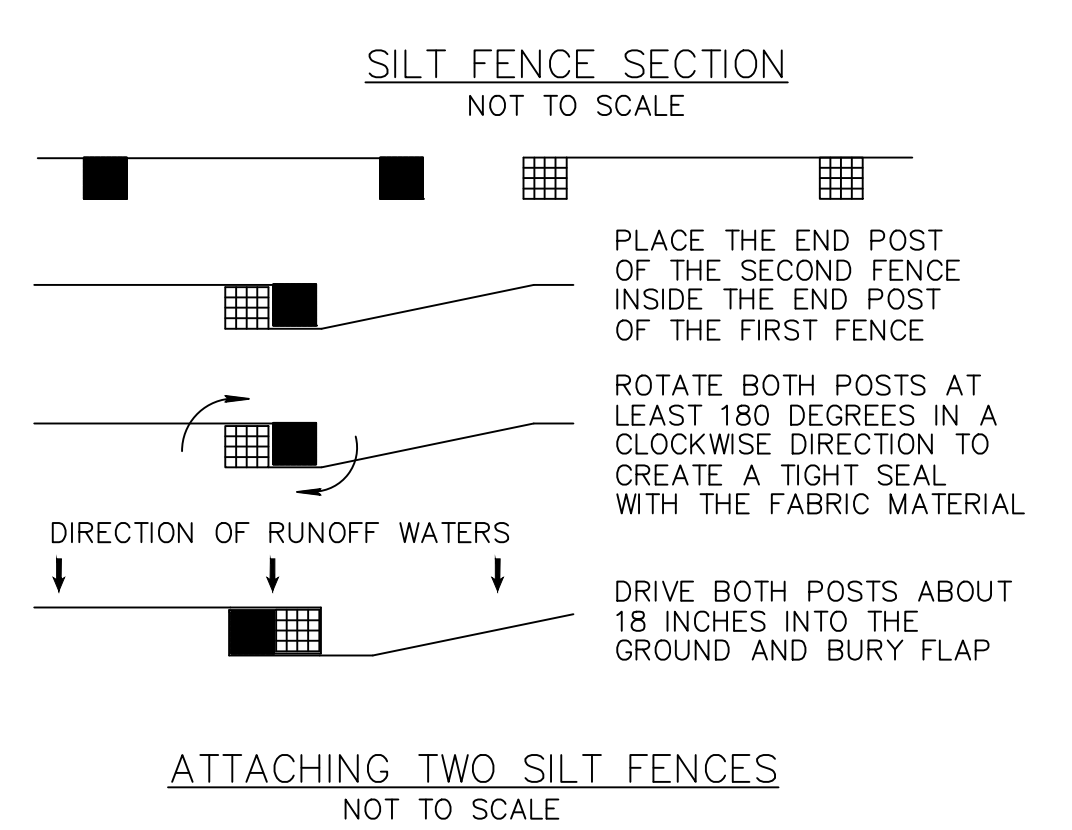
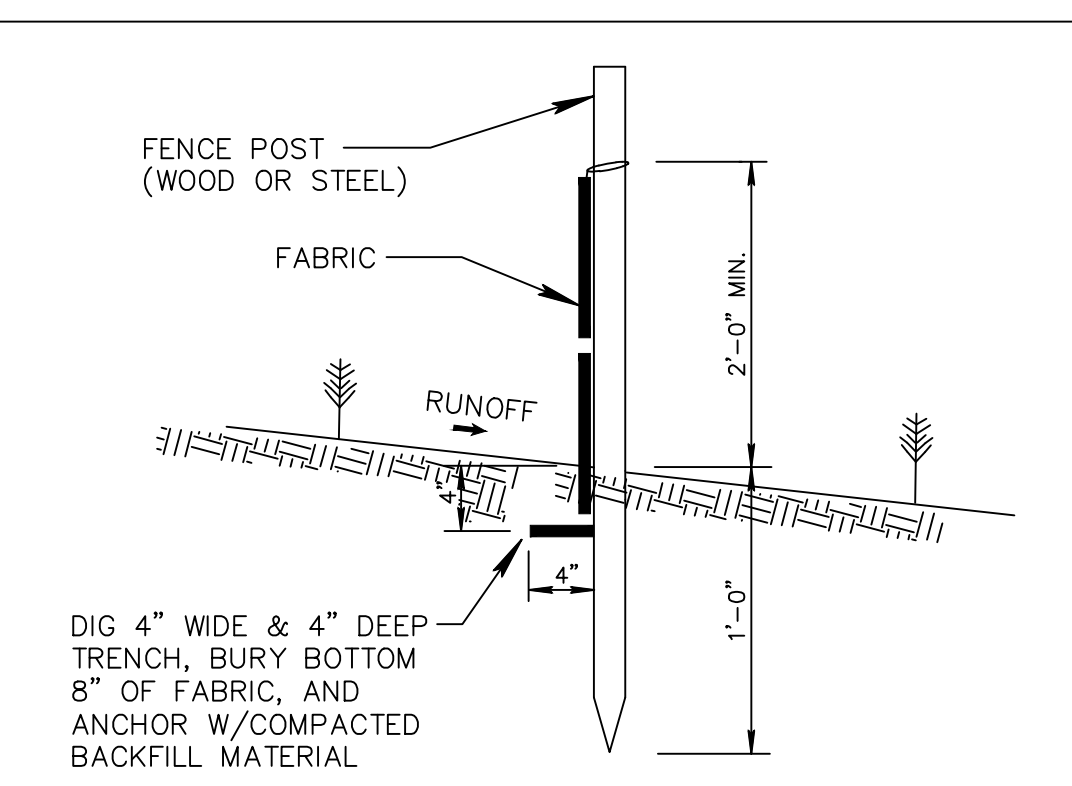


POLLUTION PREVENTION DETAIL

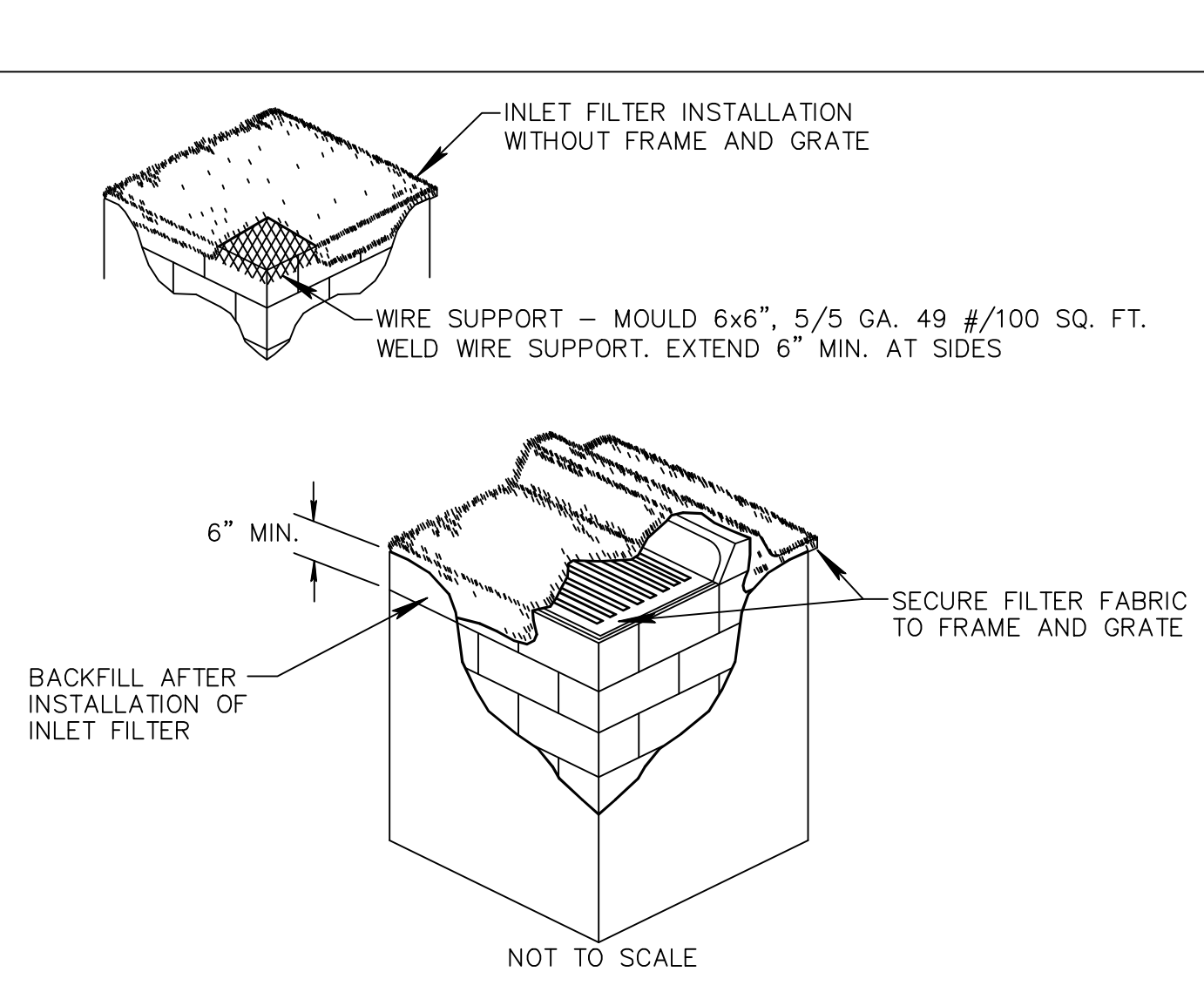


- NOTES:
1. THE HEIGHT OF A SILT FENCE SHALL NOT EXCEED 36 INCHES (90 CM).
 2. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS.
 3. POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET (3 M) APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 12 INCHES (30 CM). WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6 FEET (1.8 M).
 4. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES (10 CM) WIDE AND 4 INCHES (10 CM) DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
 5. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH (25 MM) LONG, THE WIRES, OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2 INCHES (5 CM) AND SHALL NOT EXTEND MORE THAN 36 INCHES (90 CM) ABOVE THE ORIGINAL GROUND SURFACE.
 6. THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 8 INCHES (20 CM) OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES (90 CM) ABOVE THE ORIGINAL GROUND SURFACE.
 7. THE TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC.

SILT FENCE INSTALLATION DETAIL D 9.1a Sheet 1 of 2

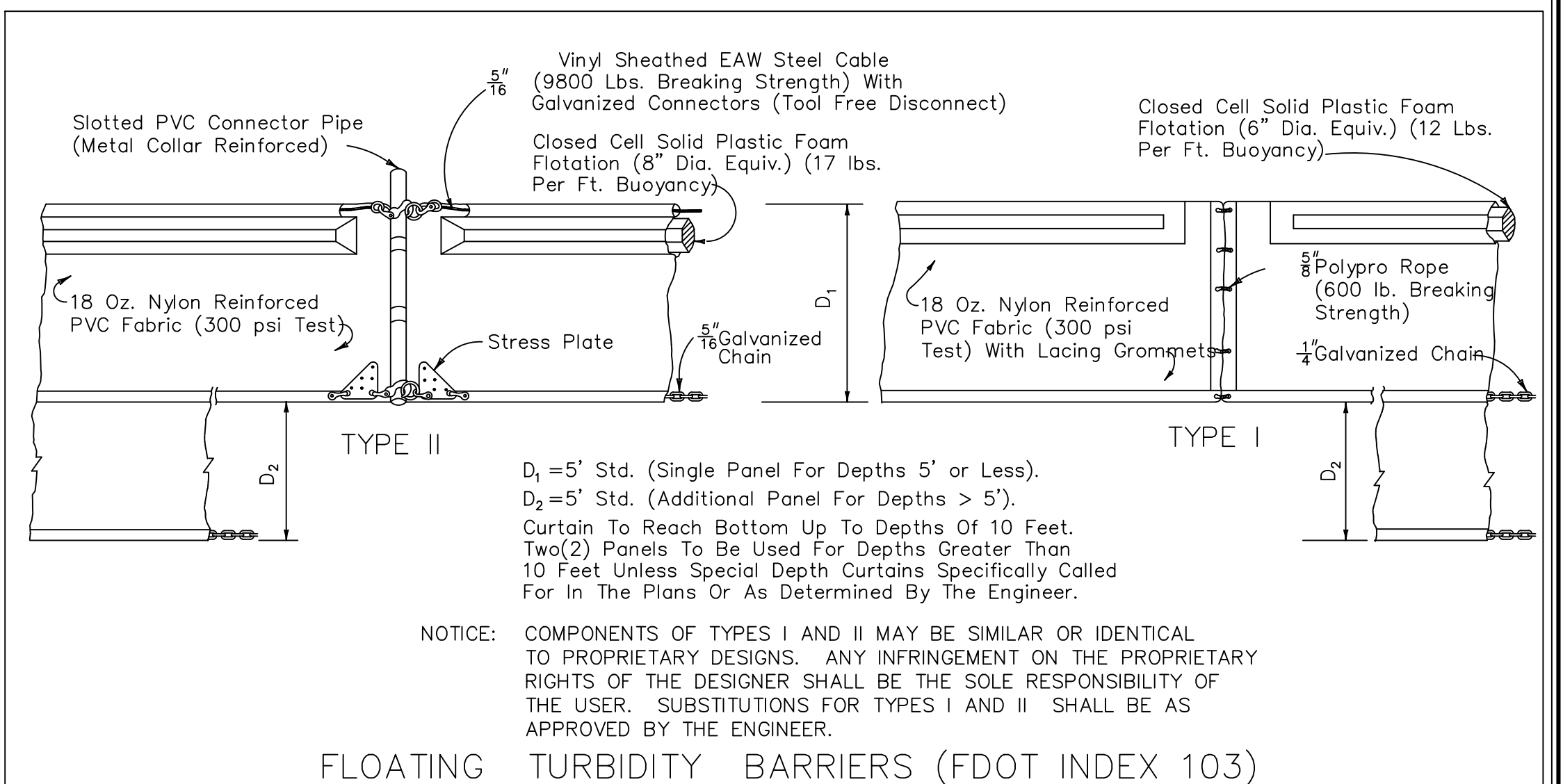


SILT FENCE INSTALLATION DETAIL D 9.1b Sheet 2 of 2

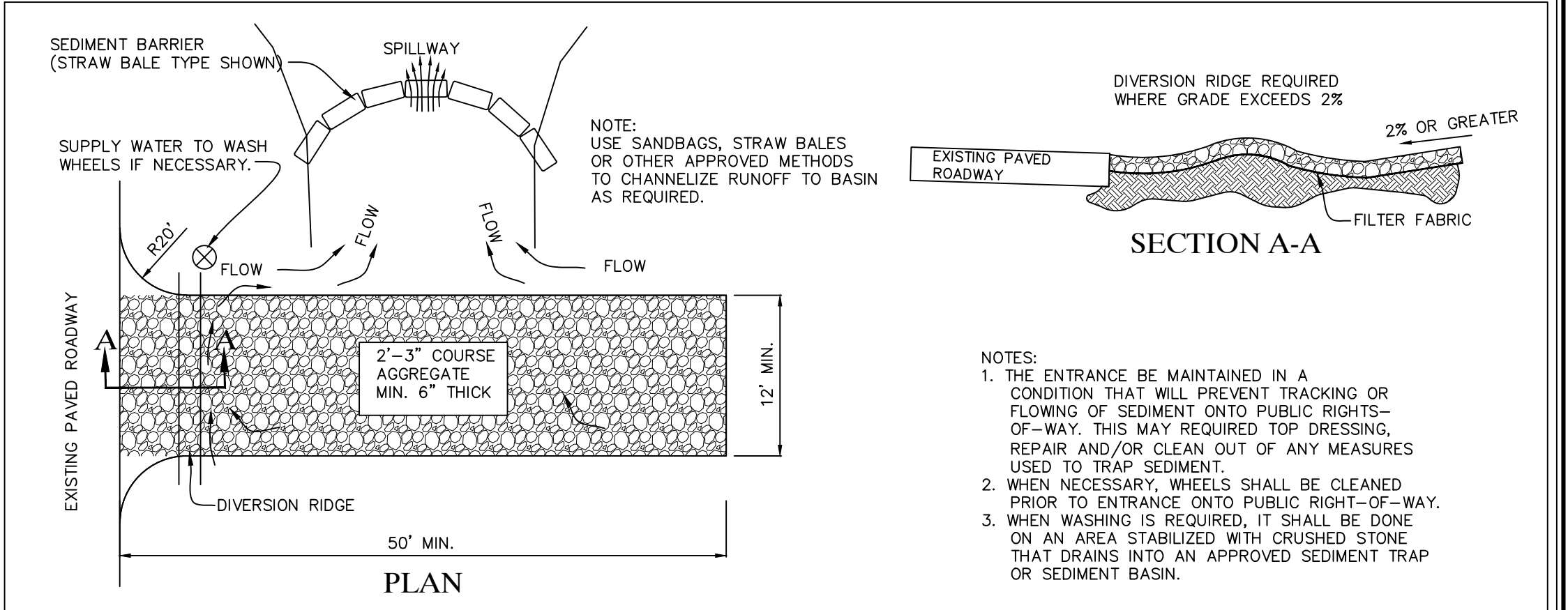


- NOTES:
1. CONTRACTOR IS TO CLEAN INLET FILTER AFTER EVERY STORM.
 2. CONTRACTOR TO REMOVE FABRIC JUST PRIOR TO PAVING.
- A SEDIMENT TRAP WILL BE EXCAVATED BEHIND THE CURB AT THE INLET. THE BASIN SHALL BE AT LEAST 12 TO 14 INCHES IN DEPTH, APPROXIMATELY 36 INCHES IN WIDTH, AND APPROXIMATELY 7 TO 10 FEET IN LENGTH PARALLEL TO THE CURB.
- STORM WATER WILL REACH THE SEDIMENT TRAP VIA CURB CUTS ADJACENT TO EACH SIDE OF THE INLET STRUCTURE. THESE OPENINGS SHALL BE AT LEAST 12 INCHES IN LENGTH. STORM WATER MAY ALSO REACH THE BASIN VIA OVERLAND FLOW LAND AREA BEHIND THE CURB. THE CURB CUTS SHALL BE REPAIRED WHEN THE SEDIMENT TRAP IS REMOVED.

INLET FILTER DETAIL



TEMPORARY GRAVEL CONSTRUCTION ENTRANCE



TEMPORARY GRAVEL CONSTRUCTION ENTRANCE PLAT 4.03a SOURCE: EROSION DRAW

REV PER CITY	05/13/19	BAH	DATE
REV PER COUNTY	04/04/19	N/A	DATE
REVISIONS			
FILE NAME	ER2BENJING		

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 CIVIL ENGINEERING - LAND PLANNING
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 7900 GLADES ROAD - SUITE 100
 BOCA RATON, FLORIDA 33434
 PHONE (561) 392-1991 / FAX (561) 750-1452

**LYONS EXCHANGE CENTER
 COCONUT CREEK, FLORIDA
 POLLUTION PREVENTION PLAN**

DATE	6/26/18
DRAWN BY	BAH
F.B./PG.	N/A
SCALE	AS SHOWN

JOHN F. WHEELER
 PROFESSIONAL ENGINEER
 LICENSE NO. 25478
 STATE OF FLORIDA
 ENG. NO. EB-0003591
 DATE

JOB # 8281
 SHT. NO.
PP-1
 OF 15 SHEETS