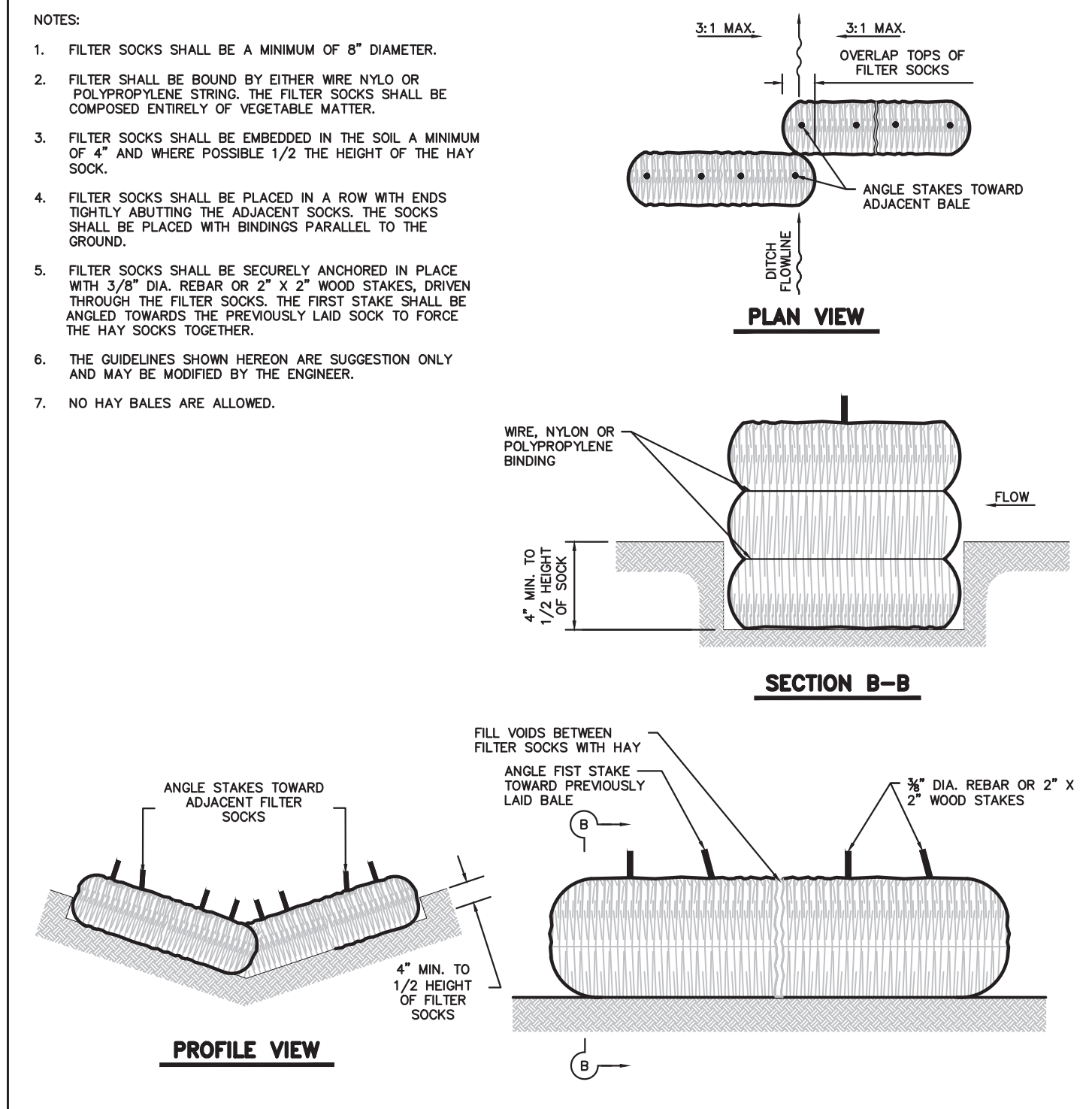
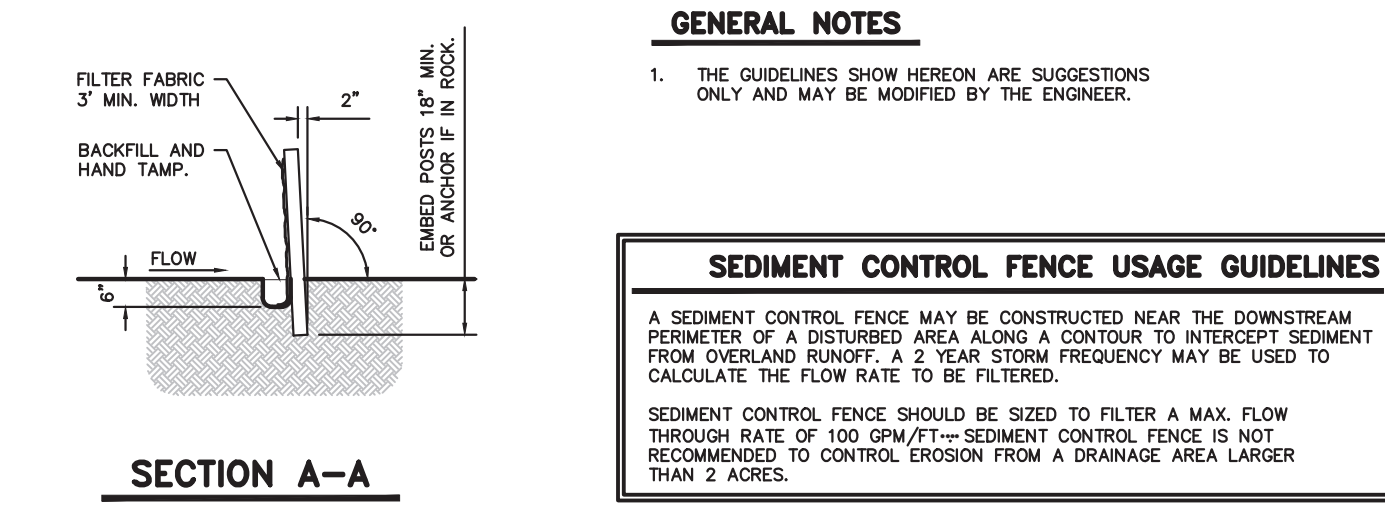


NO.	DATE	ISSUE/REVISION	APP.

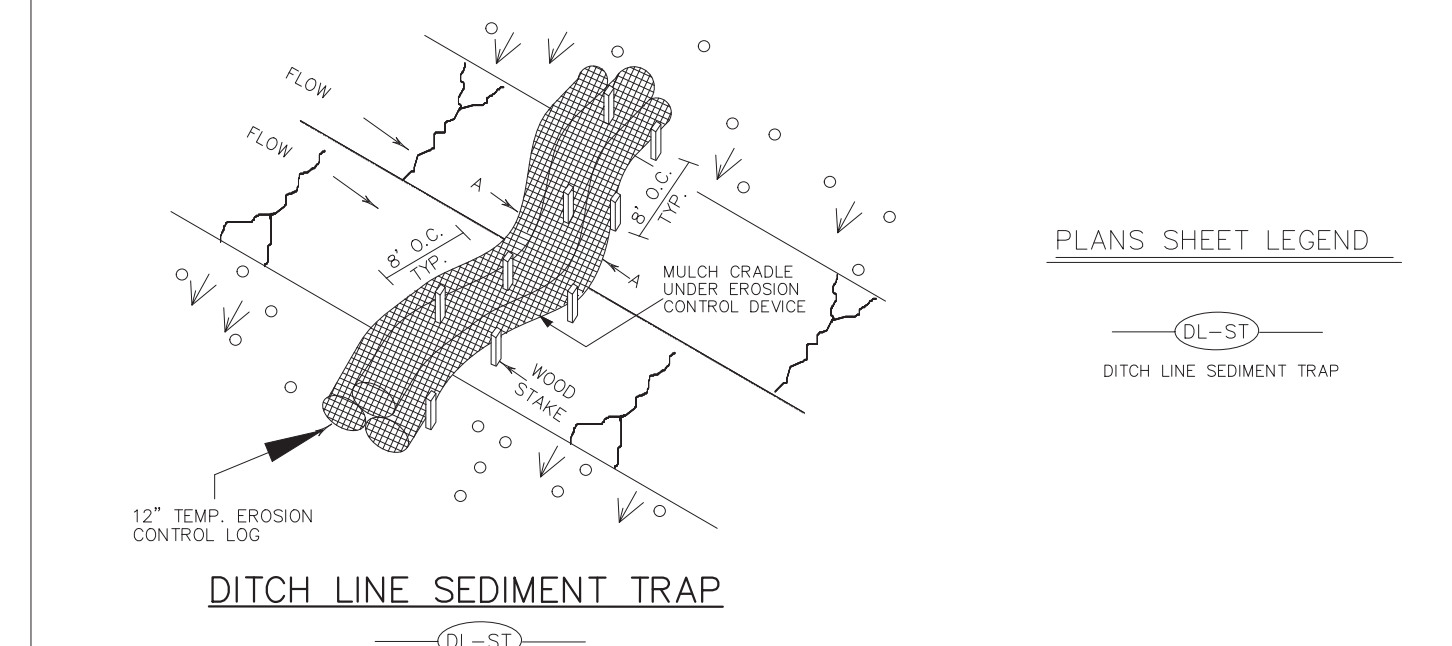
- NOTES:**
1. FILTER SOCKS SHALL BE A MINIMUM OF 8" DIAMETER.
 2. FILTER SOCKS SHALL BE BOUND BY EITHER WIRE NYLO OR POLYPROPYLENE STRING. THE FILTER SOCKS SHALL BE COMPOSED ENTIRELY OF VEGETABLE MATTER.
 3. FILTER SOCKS SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4" AND WHERE POSSIBLE 1/2 THE HEIGHT OF THE HAY SOCK.
 4. FILTER SOCKS SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ADJUTING THE ADJACENT SOCKS. THE SOCKS SHALL BE PLACED WITH BINDINGS PARALLEL TO THE GROUND.
 5. FILTER SOCKS SHALL BE SECURELY ANCHORED IN PLACE WITH 3/8" DIA REBAR OR 2" X 2" WOOD STAKES, DRIVEN THROUGH THE FILTER SOCKS. THE FIRST STAKE SHALL BE ANGLED TOWARDS THE PREVIOUSLY LAD SOCK TO FORCE THE HAY SOCKS TOGETHER.
 6. THE GUIDELINES SHOWN HEREON ARE SUGGESTION ONLY AND MAY BE MODIFIED BY THE ENGINEER.
 7. NO HAY BALES ARE ALLOWED.



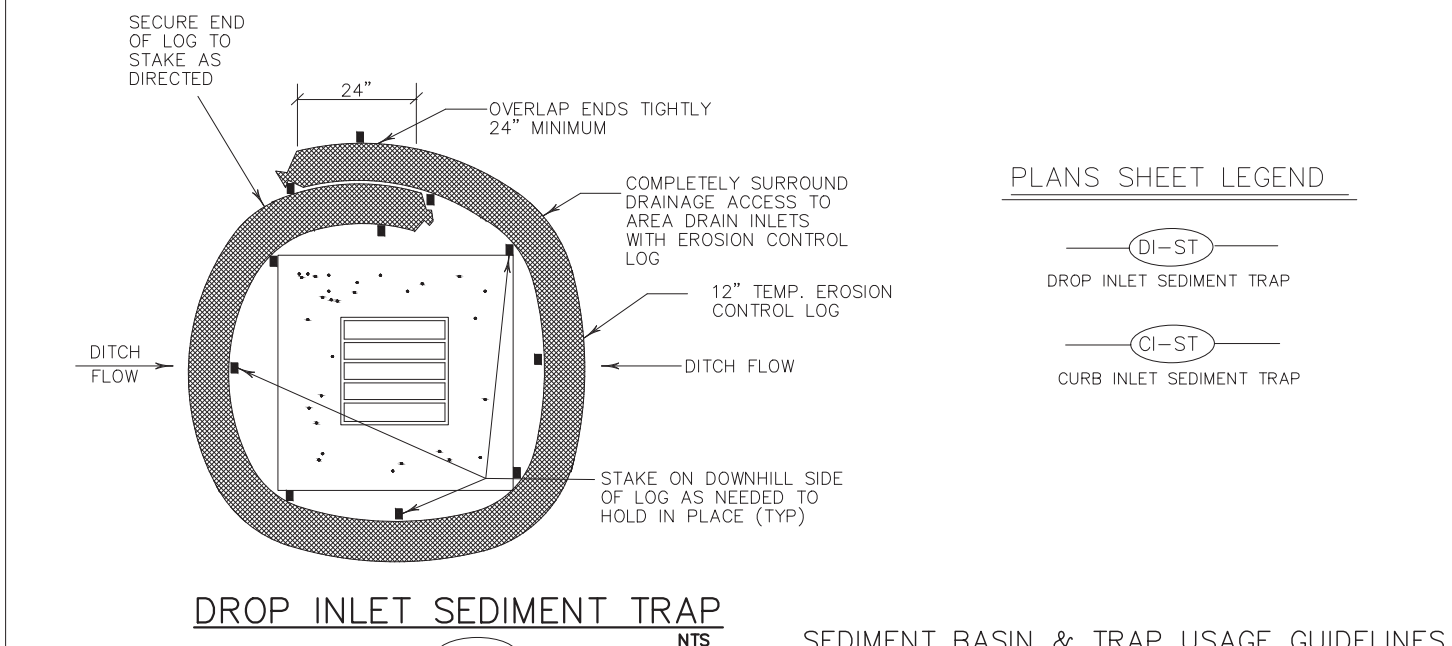
STW-1 EROSION CONTROL DETAIL



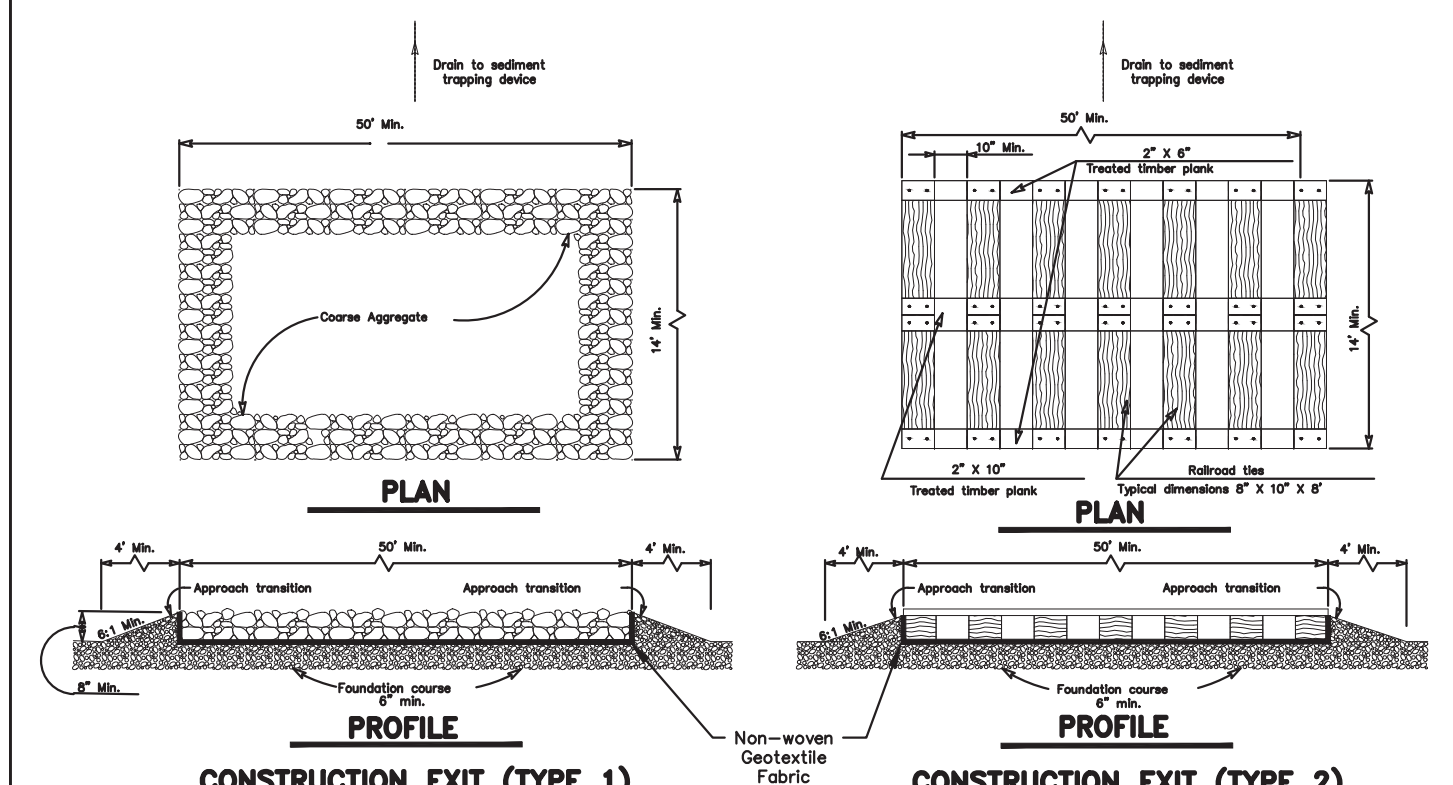
STW-2 TEMPORARY SEDIMENT CONTROL FENCE - DETAILS



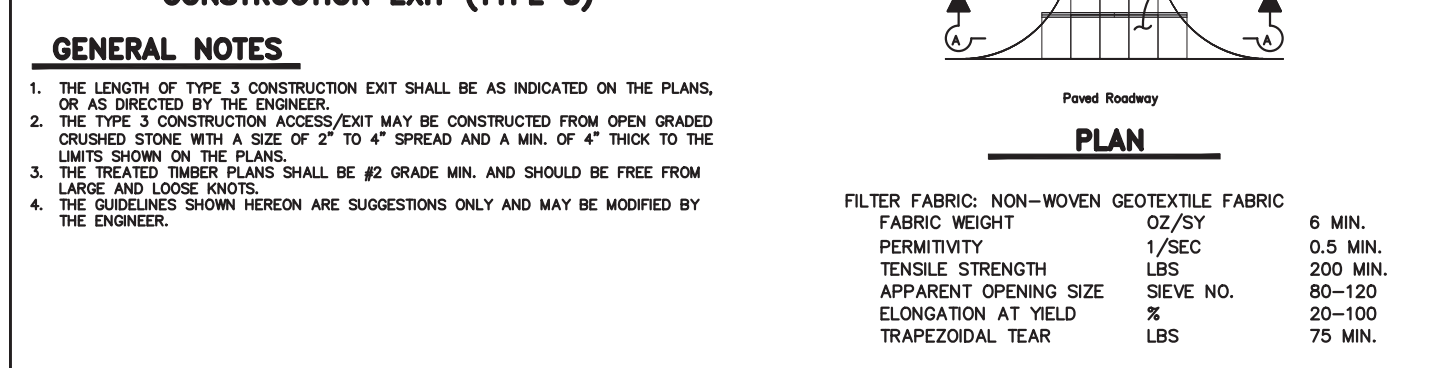
STW-3 TEMPORARY EROSION CONTROL LOGS - 1



STW-4 TEMPORARY EROSION CONTROL LOGS - 2

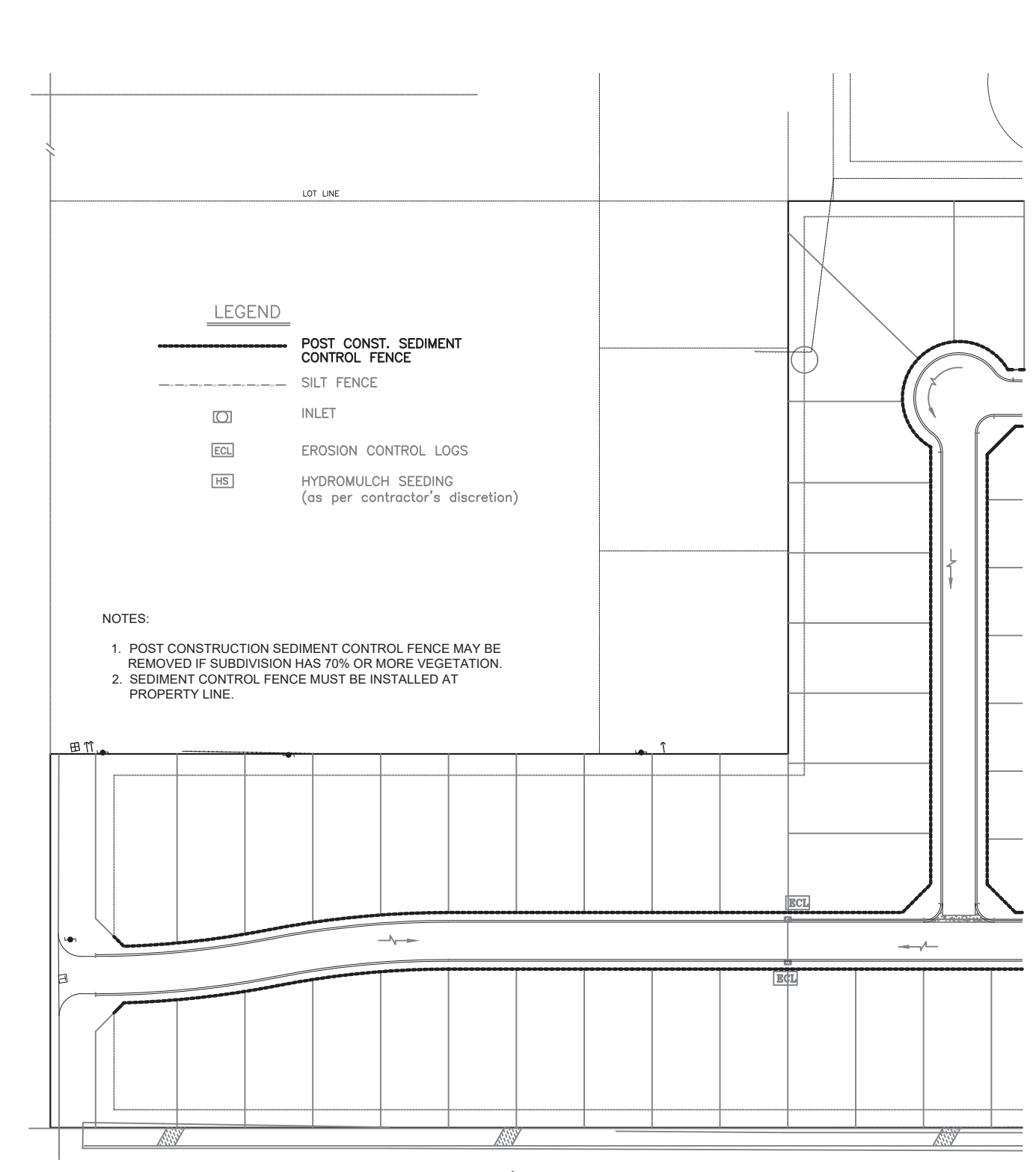


- GENERAL NOTES**
1. THE LENGTH OF TYPE 1 CONSTRUCTION EXIT SHALL BE AS INDICATED ON THE PLANS, BUT NOT LESS THAN 50.
 2. THE COURSE AGGREGATE SHOULD BE OPEN GRADED WITH A SIZE OF 4" TO 8", BUT NOT LESS THAN 50.
 3. THE APPROACH TRANSITION SHOULD BE OPEN GRADED WITH A SIZE OF 4" TO 8", BUT NOT LESS THAN 50.
 4. THE APPROACH TRANSITION COURSE SHALL BE FLEXIBLE BASE, BITUMINOUS CONCRETE, PORTLAND CEMENT CONCRETE OR OTHER MATERIAL AS APPROVED BY THE ENGINEER.
 5. THE CONSTRUCTION EXIT SHALL BE GRADED TO ALLOW DRAINAGE TO A SEDIMENT TRAPPING DEVICE.
 6. THE GUIDELINES SHOWN HEREON ARE SUGGESTIONS ONLY AND MAY BE MODIFIED BY THE ENGINEER.
- GENERAL NOTES**
1. THE LENGTH OF TYPE 2 CONSTRUCTION EXIT SHALL BE AS INDICATED ON THE PLANS, BUT NOT LESS THAN 50.
 2. THE TREATED TIMBER PLANS SHALL BE ATTACHED TO THE RAILROAD TIES WITH 1/2 X 4" MIN. LAG BOLTS. OTHER FASTENERS MAY BE USED AS APPROVED BY THE ENGINEER.
 3. THE TREATED TIMBER PLANS SHALL BE #2 GRADE MIN. AND SHOULD BE FREE FROM LARGE AND LOOSE KNOTS.
 4. THE APPROACH TRANSITION COURSE SHALL BE FLEXIBLE BASE, BITUMINOUS CONCRETE, PORTLAND CEMENT CONCRETE OR OTHER MATERIAL AS APPROVED BY THE ENGINEER.
 5. THE CONSTRUCTION EXIT FOUNDATION COURSE SHALL BE FLEXIBLE BASE, BITUMINOUS CONCRETE, PORTLAND CEMENT CONCRETE OR OTHER MATERIAL AS APPROVED BY THE ENGINEER.
 6. THE CONSTRUCTION EXIT SHALL BE GRADED TO ALLOW DRAINAGE TO A SEDIMENT TRAPPING DEVICE.
 7. THE GUIDELINES SHOWN HEREON ARE SUGGESTIONS ONLY AND MAY BE MODIFIED BY THE ENGINEER.



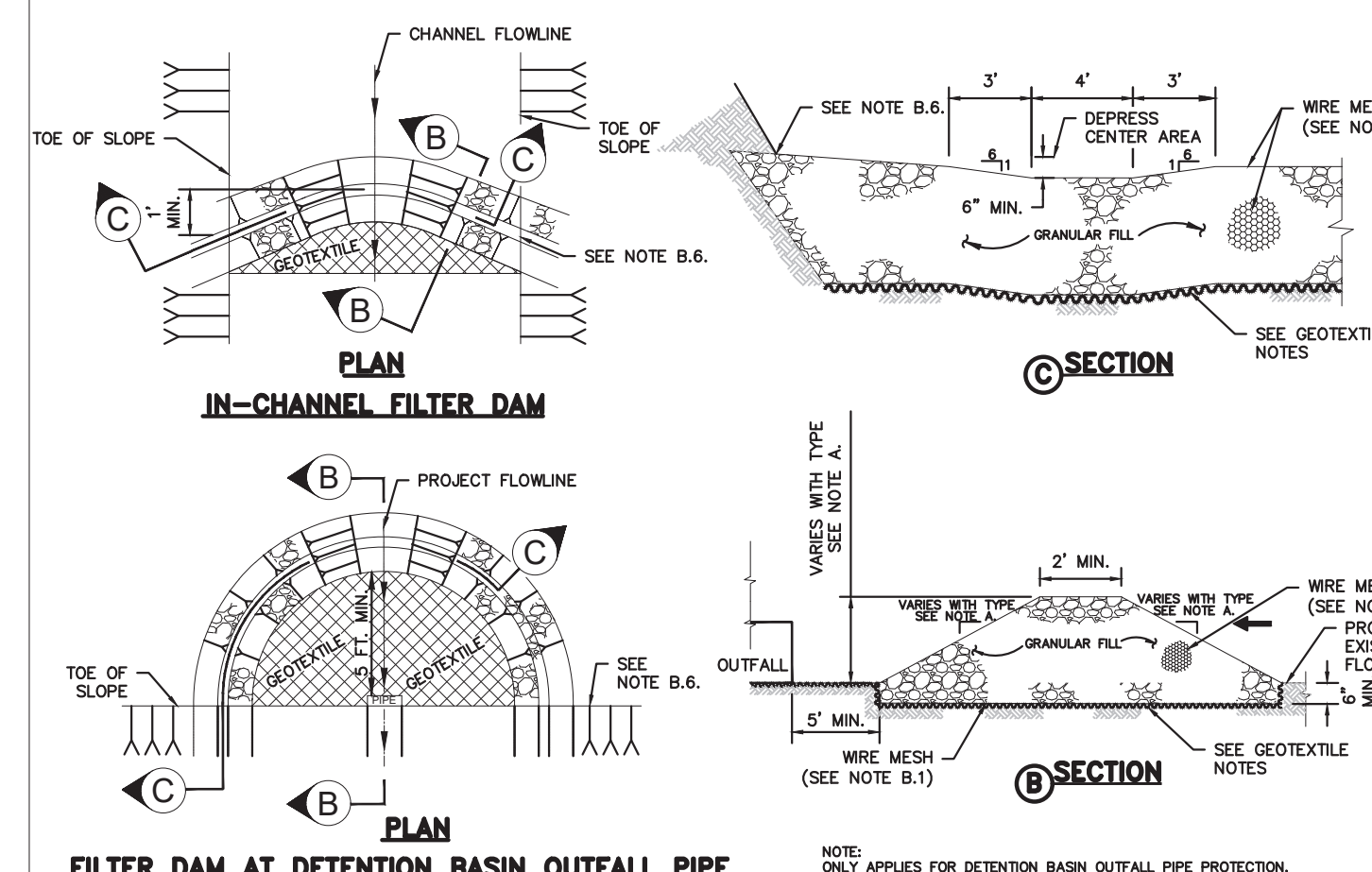
- GENERAL NOTES**
1. THE LENGTH OF TYPE 3 CONSTRUCTION EXIT SHALL BE AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
 2. THE TYPE 3 CONSTRUCTION ACCESS/EXIT MAY BE CONSTRUCTED FROM OPEN GRADED CRUSHED STONE WITH A SIZE OF 2" TO 4" SPREAD AND A MIN. OF 4" THICK TO THE LIMITS SHOWN ON THE PLANS.
 3. THE TREATED TIMBER PLANS SHALL BE #2 GRADE MIN. AND SHOULD BE FREE FROM LARGE AND LOOSE KNOTS.
 4. THE GUIDELINES SHOWN HEREON ARE SUGGESTIONS ONLY AND MAY BE MODIFIED BY THE ENGINEER.
- | FILTER FABRIC: NON-WOVEN GEOTEXTILE FABRIC | FABRIC WEIGHT | 1.0 OZ/SY | 6 MIN. |
|--|---------------|-----------|--------|
| PERMITIVITY | 1/2 SEC | 0.5 MIN. | |
| TENSILE STRENGTH | 200 LBS | 200 MIN. | |
| APPARENT OPENING SIZE | 20-100 | 20-100 | |
| ELONGATION AT YIELD | 25% | 25% | |
| TRAPEZOIDAL TEAR | 75 LBS | 75 MIN. | |

STW-5 TEMPORARY EROSION CONTROL CONSTRUCTION ACCESS / EXIT



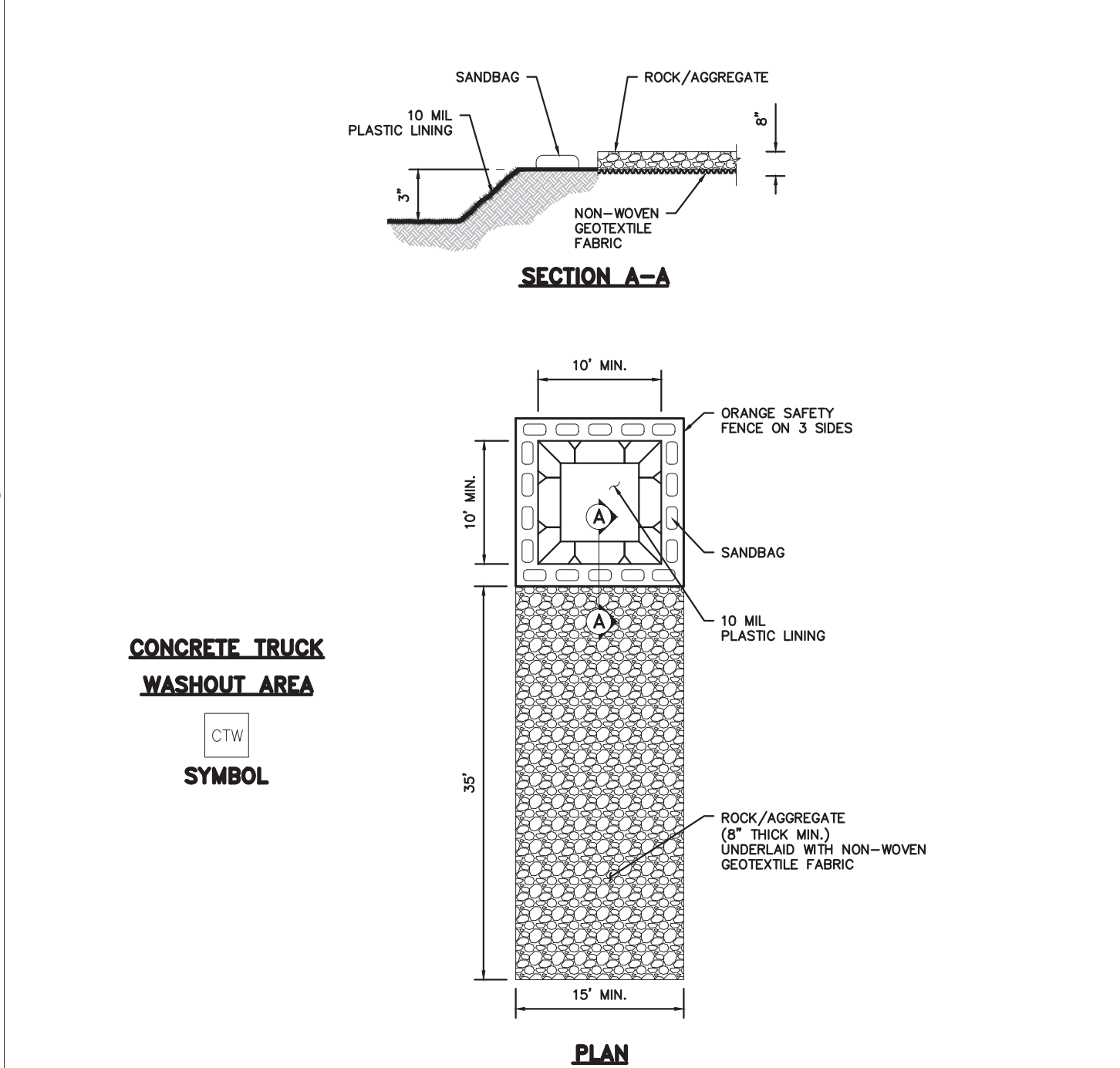
- LEGEND**
- POST CONST. SEDIMENT CONTROL FENCE
 - SILT FENCE
 - EROSION CONTROL LOGS
 - HYDROMULCH SEEDING (as per contractor's discretion)
- NOTES:**
1. POST CONSTRUCTION SEDIMENT CONTROL FENCE MAY BE REMOVED IF SUBDIVISION HAS 70% OR MORE VEGETATION.
 2. SEDIMENT CONTROL FENCE MUST BE INSTALLED AT PROPERTY LINE.

STW-6 POST CONSTRUCTION SEDIMENT CONTROL FENCE



- NOTES:**
- A. TYPES OF FILTER DAMS
1. TYPE 1 (NON-REINFORCED)
 - a. HEIGHT - 18-24 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
 - b. TOP WIDTH - 2 FEET (MAXIMUM).
 - c. SLOPES - 2:1 (MAXIMUM).
 2. TYPE 2 (REINFORCED)
 - a. HEIGHT - 18-26 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
 - b. TOP WIDTH - 2 FEET (MAXIMUM).
 - c. SLOPES - 2:1 (MAXIMUM).
 3. TYPE 3 (REINFORCED)
 - a. HEIGHT - 36-48 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
 - b. TOP WIDTH - 2 FEET (MAXIMUM).
 - c. SLOPES - 3:1 (MAXIMUM).
 4. TYPE 4 (GABION)
 - a. HEIGHT - 30 INCHES (MINIMUM). MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
 - b. TOP WIDTH - 2 FEET (MINIMUM).
- B. CONSTRUCT FILTER DAMS ACCORDING TO THE FOLLOWING CRITERIA UNLESS SHOWN OTHERWISE ON THE PLANS.
1. TYPE 2 AND TYPE 3 FILTER DAMS: SECURE WITH 20 GAUGE GALVANIZED WOVEN WIRE MESH WITH 1 INCHES DIAMETER HEXAGONAL OPENINGS.
 2. PLACE GRANULAR FILL ON THE WIRE MESH TO HEIGHT AND SLOPES SHOWN ON PLANS OR AS SPECIFIED BY THE ENGINEER. REFER TO GRANULAR FILL IN SPECIFICATION FOR RRPP AND GRANULAR FILL.
 3. PLACE 3 INCH TO 5 INCH GRANULAR FILL WITH NO MATERIAL DIAMETER LESS THAN 3 INCHES AND NO MATERIAL DIAMETER GREATER THAN 6 INCHES.
 4. IN STREAMS: SECURE OR STAKE MESH TO STREAM BED PRIOR TO AGGREGATE PLACEMENT.
 5. DIMED ONE FOOT MINIMUM INTO SLOPE AND RAISE ONE FOOT HIGHER THAN CENTER OF DEPRESSED AREA AT SLOPE.
- C. FILTER FABRIC: NON-WOVEN GEOTEXTILE FABRIC WEIGHT 1.0 OZ/SY PERMITIVITY 1/2 SEC TENSILE STRENGTH 200 LBS APPARENT OPENING SIZE 20-100 ELONGATION AT YIELD 25% TRAPEZOIDAL TEAR 75 MIN.
- D. GRANULAR FILL
1. PROVIDE GRANULAR FILL CONSISTING OF CONCRETE OR STONE. PROVIDE GRANULAR FILL THAT IS SENSITIVE, DURABLE AND HARD MATERIAL.
 2. PROVIDE GRANULAR FILL WITH THE FOLLOWING DIMENSIONS:
 - a. PROVIDE 3 INCH TO 5 INCH GRANULAR FILL WITH NO MATERIAL DIAMETER LESS THAN 3 INCHES AND NO MATERIAL DIAMETER GREATER THAN 6 INCHES.
 - b. PROVIDE 4 INCH TO 6 INCH GRANULAR FILL WITH NO MATERIAL DIAMETER LESS THAN 4 INCHES AND NO MATERIAL DIAMETER GREATER THAN 8 INCHES.
 - c. PROVIDE RRPP GRADATION NO. 1 AND GRADATION NO. 2 AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

STW-7 TEMPORARY ROCK FILTER DAM



- NOTES:**
1. VERBALLY INSTRUCT THE CONCRETE TRUCK DRIVERS WHERE THE PIT IS AND TO WASHOUT THEIR TRUCKS IN THE PIT AND NOWHERE ELSE.
 2. UPON THE CONCRETE SETTING UP (CURING, DRYING OUT), THE CONCRETE WASTE SHALL BE REMOVED FROM THE PROJECT SITE AND DISPOSED OF PROPERLY BY THE CONTRACTOR. AFTER REMOVAL OF THE CONCRETE WASTE, THE WASHOUT PIT SHALL BE FILLED WITH CLEAN FILL MATERIAL AND COMPACTED TO IN-SITU CONDITIONS, OR AS DIRECTED BY THE PROJECT SPECIFICATIONS.
 3. CONCRETE WASHOUT PITS SHALL NOT BE LOCATED DIRECTLY ADJACENT TO, NOR AT ANY TIME DRAIN INTO THE STORM SEWER SYSTEM OR ANY OTHER SMALLER DITCH OR WATERWAY.
 4. CONSTRUCT ENTRY ROAD AND BOTTOM OF WASHOUT AREA TO SUPPORT EXPECTED LOADINGS FROM TRUCKS EQUIPMENT.
 5. FILTER FABRIC: NON-WOVEN GEOTEXTILE FABRIC WEIGHT 1.0 OZ/SY PERMITIVITY 1/2 SEC TENSILE STRENGTH 200 LBS APPARENT OPENING SIZE 20-100 ELONGATION AT YIELD 25% TRAPEZOIDAL TEAR 75 MIN.

STW-8 CONCRETE TRUCK WASH AREA

PROJECT NAME:

SHEET NAME: STORMWATER DETAILS

DATE: SEPTEMBER 2022

CREATED BY: CITY OF EDINBURG ENGINEERING DEPARTMENT

DRAWING SCALE: N.T.S.

SHEET **OF**