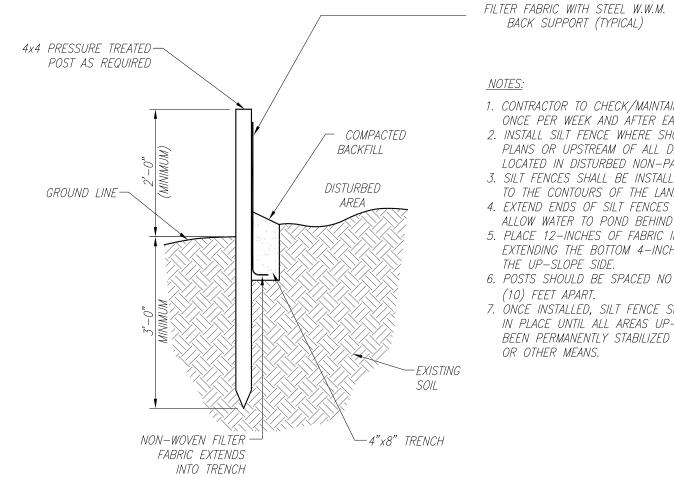
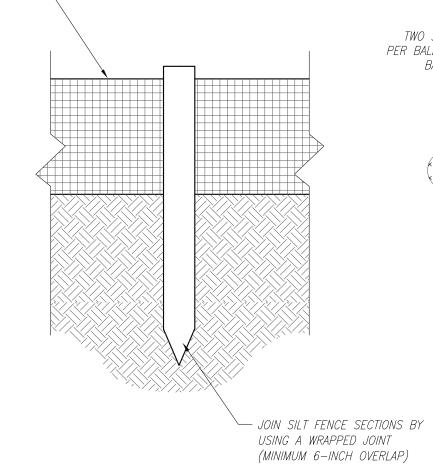
- 1. THE CONTRACTOR SHALL PROVIDE EROSION CONTROL IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD. ALL EROSION CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE "INDIANA HANDBOOK FOR EROSION CONTROL IN
- DEVELOPING AREAS", LATEST VERSION AND THE HAMILTON COUNTY STANDARDS. 2. SEDIMENT DEPOSITS SHALL BE DISPOSED OF IN LOCATIONS WHICH DO NOT CAUSE SEDIMENTATION ELSEWHERE.
- 3. ALL STOCKPILE MATERIAL SHALL BE PROTECTED TO PREVENT EROSION. 4. THE COST OF FURNISHING, INSTALLING, MAINTAINING AND REMOVING ALL SILT FENCE, TEMPORARY DITCH CHECKS, TEMPORARY SWALES AND DIVERSION SEDIMENT TRAPS, TEMPORARY SEEDING AND OTHER TEMPORARY MEASURES USED TO CONTROL EROSION SHALL BE INCLUDED IN THE EROSION CONTROL ITEM IN THE CONTRACTOR'S BID
- 5. THE CONTRACTOR SHALL STRIP ALL TOPSOIL, SAVE FOR REUSE AND HAUL AWAY ANY REMAINDER, UPON APPROVAL OF THE ENGINEER. DURING FINAL GRADING THE CONTRACTOR SHALL REUSE THE STRIPPED TOPSOIL.
- 6. THE CONTRACTOR SHALL PLACE A MINIMUM OF 3" OF TOPSOIL IN ALL DISTURBED AREAS, SEED, FERTILIZE, MULCH AND MAINTAIN UNTIL GROWTH
- IS ESTABLISHED. 7. THE CONTRACTOR SHALL MINIMIZE CLEARING ACTIVITIES: THEREBY MINIMIZING THE AMOUNT OF EXPOSED SOIL.
- 8. THE CONTRACTOR SHALL SEQUENCE CONSTRUCTION ACTIVITIES SO THAT THE SOIL IS NOT EXPOSED FOR LONG PERIODS OF TIME.
- 9. THE CONTRACTOR SHALL REMOVE MUD AND DIRT FROM THE TIRES OF CONSTRUCTION VEHICLES BEFORE THEY ENTER PAVED ROADS. IF NECESSARY, CONTRACTOR SHALL CONSTRUCT A GRAVEL CONSTRUCTION ENTRANCE TO ACCOMMODATE AT LEAST TWO TIRE REVOLUTIONS OF LARGE CONSTRUCTION VEHICLES.
- 10. REFERENCE SPECIFICATIONS FOR RESTORATION DETAILS. 11. ALL TEMPORARY AND PERMANENT BMP'S TO BE IN ACCORDANCE WITH THE HAMILTON
- COUNTY STANDARDS AND OTHER REVIEW AUTHORITY REQUIREMENTS. 12. DEVELOPER TO FILE ALL REQUIRED PERMIT REQUIREMENTS AS WELL AS CONSTRUCTION AND POST-CONSTRUCTION REQUIREMENTS.

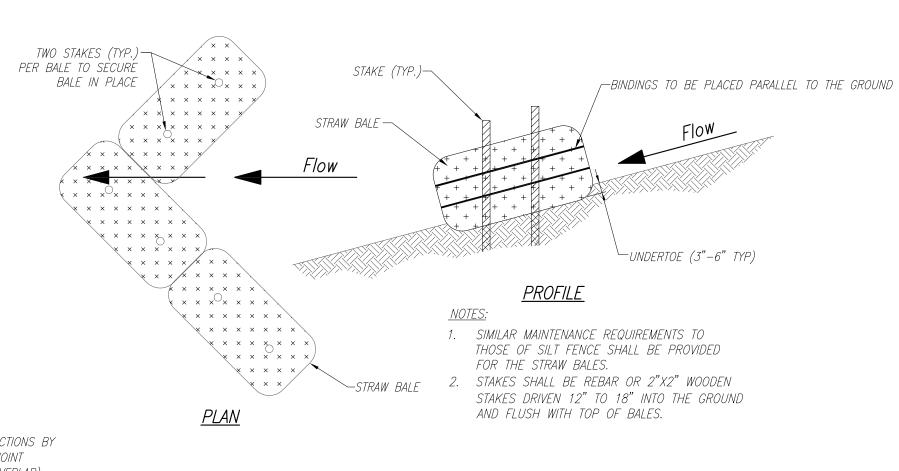
EROSION CONTROL CONSTRUCTION SEQUENCING	
EROSION CONTROL MEASURE	CONSTRUCTION SEQUENCE
STRAW BALE / SEDIMENT FILTER DETAIL	CONTRACTOR SHALL INSTALL STRAW BALES AS INDICATED, IMMEDIATELY FOLLOWING LAND DISTURBING ACTIVITIES IN THE SAME AREA.
SILT FENCE DETAIL	CONTRACTOR SHALL INSTALL SILT FENCE, PRIOR TO LAND DISTURBING ACTIVITIES IN THE SAME AREAS.
DROP INLET PROTECTION DETAIL	CONTRACTOR SHALL INSTALL DROP INLET PROTECTION, PRIOR TO LAND DISTURBING ACTIVITIES IN THE SAME AREAS.
GRAVEL CONSTRUCTION ENTRANCE DETAIL	CONTRACTOR SHALL INSTALL GRAVEL CONSTRUCTION ENTRANCE, PRIOR TO ANY EARTH DISTURBING ACTIVITIES.
TEMPORARY SEED	CONTRACTOR SHALL TEMPORARY SEED ALL EXPOSED AREAS WITHIN 7—DAYS OF LAST LAND DISTURBING ACTIVITY.
OTHER	AS NECESSARY FOR SITE SPECIFIC REQUIREMENTS.



SLOPE CHECK

BACK SUPPORT (TYPICAL) 1. CONTRACTOR TO CHECK/MAINTAIN SILT FENCE ONCE PER WEEK AND AFTER EACH RAIN EVENT. 2. INSTALL SILT FENCE WHERE SHOWN ON THE PLANS OR UPSTREAM OF ALL DRIVE CULVERTS LOCATED IN DISTURBED NON-PAVED AREAS. 3. SILT FENCES SHALL BE INSTALLED PARALLEL TO THE CONTOURS OF THE LAND. 4. EXTEND ENDS OF SILT FENCES UP-SLOPE TO ALLOW WATER TO POND BEHIND FENCE. 5. PLACE 12-INCHES OF FABRIC IN THE TRENCH, EXTENDING THE BOTTOM 4-INCHES TOWARDS THE UP-SLOPE SIDE. 6. POSTS SHOULD BE SPACED NO MORE THAN TEN (10) FEET APART. 7. ONCE INSTALLED, SILT FENCE SHALL REMAIN IN PLACE UNTIL ALL AREAS UP-SLOPE HAVE BEEN PERMANENTLY STABILIZED BY VEGETATION OR OTHER MEANS.





JOINING FENCES

### SILT FENCE DETAIL NOT TO SCALE

 $-\frac{3}{8}$ " TREATED PLYWOOD 48"x24"

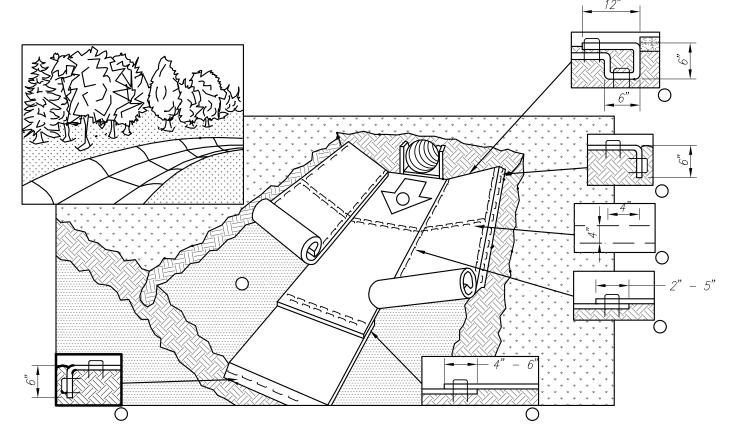
— BLACK LETTERING 6"

//2" LAG SCREWS

— WOOD POST 3"X3"X8'

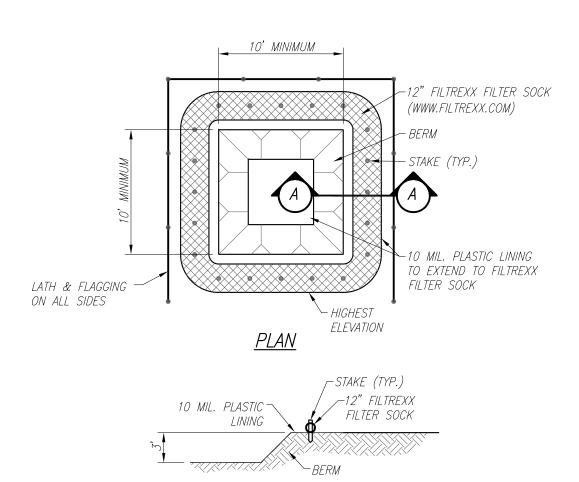
PAINTED WHITE

STRAW BALE / SEDIMENT FILTER DETAIL



CONCRETE WASHOUT SIGN

CONCRETE



## SECTION A-A

1. CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT

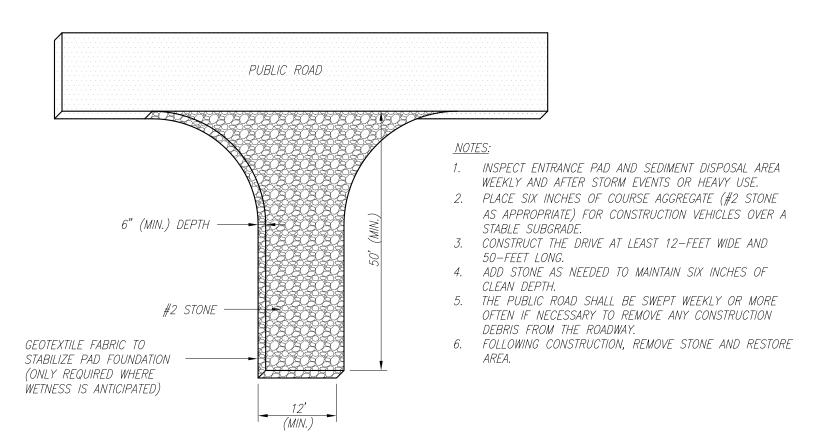
- ON SITE. 2. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA
- AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
- 3. THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE.
- 4. AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE SITE. 5. WHEN CONCRETE WASHOUT AREA IS REMOVED. THE DISTURBED AREA SHALL BE SEEDED
- AND MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE INSPECTOR.

CONCRETE WASHOUT

1. PREPARE SOIL BEFORE INSTALLING EROSION CONTROL BLANKET (ECB), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. 2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE ECB IN A 6-INCH DEEP X 6-INCH WIDE TRENCH WITH APPROXIMATELY 12-INCHES OF ECB EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE ECB WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF ECB BACK OVER SEED AND COMPACTED SOIL. SECURE ECB OVER COMPACTED SOIL. SECURE ECB OVER COMPACTED SOIL WITH A

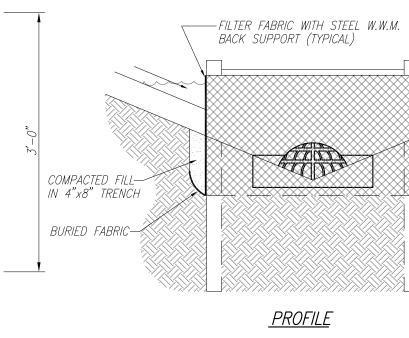
- ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" ACROSS THE WIDTH OF THE ECB. 3. ROLL CENTER ECB IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. ALL ECB MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE.
- 4. PLACE CONSECUTIVE ECB END OVER END (SHINGLE STYLE) WITH A 4" 6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE ECB. 5. FULL LENGTH EDGE OF ECB AT TOP OF SIDE SLOPES MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN 6"
- DEEP X 6" WIDE TRENCH. 6. ADJACENT ECB MUST BE OVERLAPPED APPROXIMATELY 2" - 5" (DEPENDING ON ECB TYPE) AND STAPLED. 7. THE TERMINAL END OF THE ECB MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE
- 8. IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY ANCHOR THE ECB. 9. HORIZONTAL STAPLE SPACING SHOULD BE ALTERED IF NECESSARY TO ALLOW STAPLES TO SECURE THE CRITICAL POINTS ALONG THE CHANNEL
- 10. INSTALL ECB IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

## EROSION CONTROL BLANKET



GRAVEL CONSTRUCTION ENTRANCE DETAIL NOT TO SCALE

2x2 WOOD POST (MIN.)——



A MAXIMUM OF FOUR FEET APART. 2. CUT ENOUGH FILTER FABRIC FROM A SINGLE ROLL TO MINIMIZE JOINTS.

- 3. USING LATH AND NAILS, FASTEN THE FABRIC TO THE POSTS. 4. PLACE 12-INCHES OF FABRIC IN THE TRENCH, EXTENDING THE BOTTOM FOUR INCHES TOWARD THE UP-SLOPE SIDE.
- 5. JOIN SILT FENCE SECTIONS BY USING A WRAP JOINT. 6. CROSS BRACE THE CORNERS TO PREVENT COLLAPSE. 7. INSPECT AT LEAST WEEKLY AND AFTER EACH STORM EVENT, AND REPAIR AS NEEDED, AND REMOVE, ACCUMULATED

SEDIMENTS AFTER EVERY STORM.

#### <u>MAINTENANCE NOTES:</u> 1. SPACE SUPPORT POSTS EVENLY AGAINST THE INLET PERIMETER

1. INSPECT THE FABRIC BARRIER AFTER EACH STORM EVENT, AND MAKE NEEDED REPAIRS IMMEDIATELY.

<u>PROFILE</u>

BACK SUPPORT (TYPICAL)

- 2. REMOVE SEDIMENT FROM THE POOL AREA TO PROVIDE STORAGE FOR THE NEXT STORM. AVOID DAMAGING OR UNDERCUTTING THE FABRIC DURING SEDIMENT REMOVAL.
- 3. WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE AND PROPERLY DISPOSE OF ALL CONSTRUCTION MATERIAL AND SEDIMENT, GRADE THE AREA TO THE ELEVATION OF THE TOP OF THE INLET, THEN

# DROP INLET PROTECTION DETAIL

STABILIZE.

15 of 17

CERTIFIED BY:

8/11/09

AS NOTED

UNITED

0F

REVISIONS

Pev. No. | Description | Date