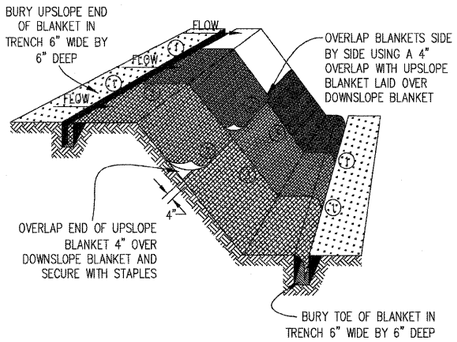
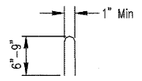
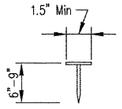
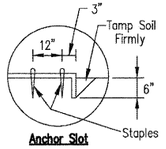




STAPLE DETAIL

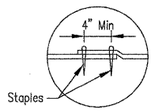


PUSH PIN DETAIL



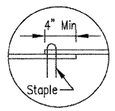
Anchor Slot

DETAIL 1



Single Joint

DETAIL 2



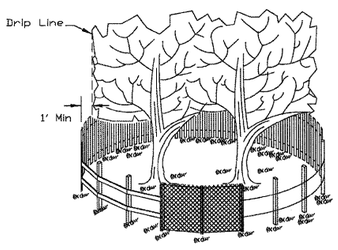
Parallel Overlaps

DETAIL 3

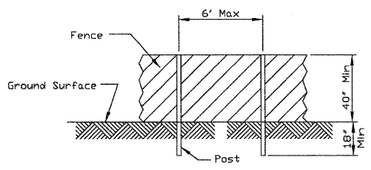
NOTES:

1. STAPLES SHALL BE PLACED IN A DIAMOND PATTERN AT 2 PER S.Y. FOR STITCHED BLANKETS. NON-STICHED SHALL USE 4 STAPLES PER S.Y. OF MATERIAL. THIS EQUATES TO 200 STAPLES WITH STITCHED BLANKET AND 400 STAPLES WITH NON-STICHED BLANKET PER 100 S.Y. OF MATERIAL
2. STAPLE OR PUSH PIN LENGTHS SHALL BE SELECTED BASED ON SOIL TYPE AND CONDITIONS. (MINIMUM STAPLE LENGTH IS 6")
3. EROSION CONTROL MATERIAL SHALL BE PLACED IN CONTACT WITH THE SOIL OVER A PREPARED SEEDBED.
4. ALL ANCHOR SLOTS SHALL BE STAPLED AT APPROXIMATELY 12" INTERVALS.

EROSION CONTROL BLANKET INSTALLATION DETAILS



SIDE VIEW

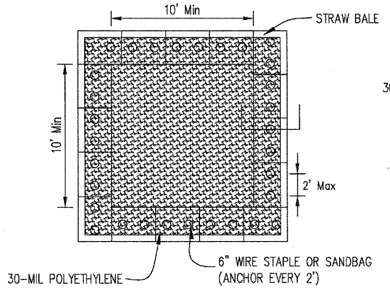


POST AND FENCE DETAIL

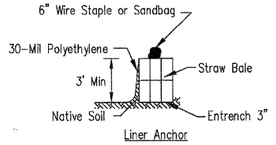
NOTES:

1. THE FENCE SHALL BE LOCATED A MINIMUM OF 1 FOOT OUTSIDE THE DRIP LINE OF THE TREE TO BE SAVED AND IN NO CASE CLOSER THAN 5 FEET TO THE TRUNK OF ANY TREE.
2. FENCE POSTS SHALL BE EITHER STANDARD STEEL POSTS OR WOOD POSTS WITH A MINIMUM CROSS SECTIONAL AREA OF 3.0 SQ. IN.
3. THE FENCE MAY BE EITHER 40" HIGH SNOW FENCE, 40" PLASTIC WEB FENCING OR ANY OTHER MATERIAL AS APPROVED BY THE ENGINEER/INSPECTOR.
4. TO BE PAID FOR AS "TREE TRUNK PROTECTION."

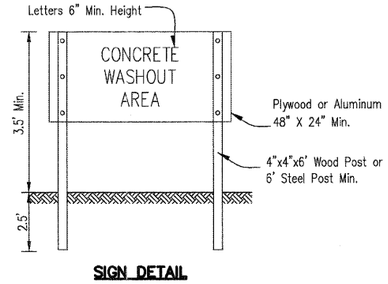
TREE PROTECTION FENCING



PLAN VIEW



STRAW BALE ANCHOR SECTIONS

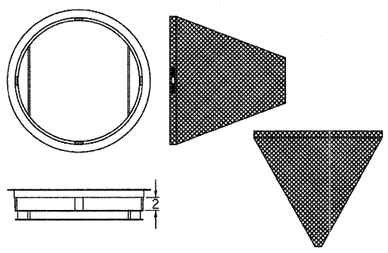


SIGN DETAIL

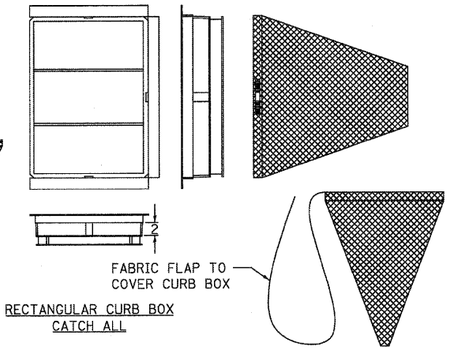
NOTES:

1. MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDENED CONCRETE AND/OR SLURRY AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION.
2. FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO-THIRDS FULL.
3. EACH STRAW BALE IS TO BE STAKED IN PLACE USING (2) 2"X2"X4' WOODEN STAKES.

TEMPORARY CONCRETE WASHOUT FACILITY - STRAW BALE



ROUND CATCH ALL



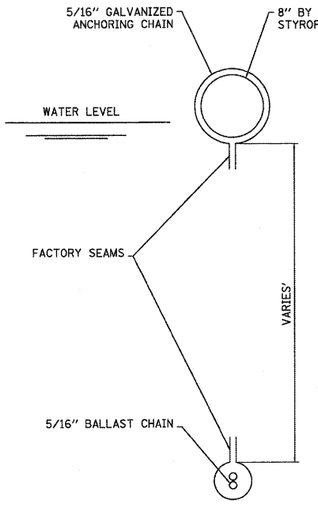
RECTANGULAR CURB BOX CATCH ALL

GENERAL NOTES

FRAME: TOP FLANGE FABRICATED FROM 1¼"x1¼"x⅛" ANGLE. BASE RIM FABRICATED FROM 1½"x½"x⅛" CHANNEL. HANDELS AND SUSPENSION BRACKETS FABRICATED FROM 1¼"x¼" FLAT STOCK. ALL STEEL CONFORMING TO ASTM-A36.

SEDIMENT BAG: BAG FABRICATED FROM 4 OZ./SQ.YD. NON-WOVEN POLYPROPYLENE GEOTEXTILE REINFORCED WITH POLYESTER MESH. BAG SECURED TO BASE RIM WITH A STAINLESS STEEL BAND AND LOCK.

INLET PROTECTION DETAIL

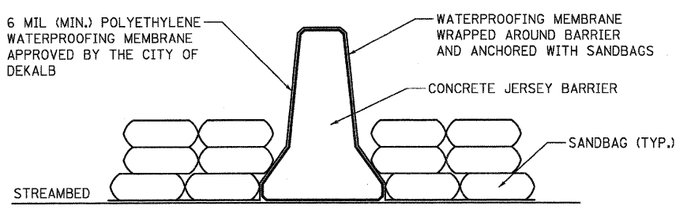


NOTES:

1. THE SILT CURTAIN SHALL BE INSTALLED IN SUCH A MANNER AS TO PREVENT DRIFT SHOREWARD OR DOWNSTREAM. THE FLOATATION LOG SHALL BE SECURELY ATTACHED TO THE FABRIC IN BOTH THE HORIZONTAL AND VERTICAL DIRECTION.
2. THE 5/16-INCH CABLE SHALL BE ATTACHED ABOVE THE FLOATATION MEMBERS AND EXTEND THE ENTIRE LENGTH OF EACH SECTION OF SILT CURTAIN. A 5/16-INCH CHAIN SHALL BE SEALED ON THE LOWER HEM FOR BALLAST.
3. CONNECTORS SHALL JOIN THE MAIN LOAD LINE AND BALLAST CHAIN TO CARRY ALL TENSILE PRESSURE. THE FABRIC SHALL BE JOINTED FOR ITS ENTIRE HEIGHT.
4. ANCHORAGE'S SHALL BE INSTALLED ON BOTH SHORE AND STREAM SIDE TO MAXIMUM STABILITY. SHORE ANCHORS SHALL CONSIST OF A POST WITH DEADMAN OR APPROVED EQUAL. STREAM ANCHORS SHALL BE OF SUFFICIENT SIZE, TYPE AN STRENGTH TO STABILIZE THE BARRIER BEYOND THE CONSTRUCTION AREA.
5. ANCHORS SHALL BE BUOYED TO PREVENT THE SILT CURTAIN FROM BEING PULLED UNDER WATER. DANFORTH-TYPE ANCHORS SHALL BE USED IN SANDY BOTTOM AND HEAVY KEDGE TYPE OR MUSHROOM ANCHORS ON MUD BOTTOMS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE SILT CURTAIN THROUGHOUT CONSTRUCTION OPERATIONS.
7. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL REMOVE THE SILT CURTAIN IN A MANNER THAT WILL PREVENT SILTATION OF THE RIVER/CREEK.

SECTION TURBIDITY CURTAIN (FLOATING SILT CURTAIN)

N.T.S.



JERSEY BARRIER COFFERDAM

NOTES

1. THE JERSEY BARRIER COFFERDAM IS AN APPROVED SYSTEM FOR PROVIDING PROTECTION OF THE EXCAVATION FROM FLOWING WATER. THE CONTRACTOR MAY ELECT TO USE THIS SYSTEM FOR DEWATERING OR MAY PROPOSE AN ALTERNATE SYSTEM.

IN EITHER CASE, THE CONTRACTOR SHALL SUBMIT A PLAN FOR THE SUBJECT PROTECTION WHICH SHALL ADDRESS THE SIZE AND LENGTH OF THE DEWATERING AREA, PROPOSED CONSTRUCTION SEQUENCE, INCLUDING WATER DIVERSION AND/OR DEWATERING METHODS, EROSION AND SEDIMENT CONTROL MEASURES, SEDIMENT TRAPS, DISPOSAL OF EXCAVATED MATERIAL, EFFLUENT WATER, ALONG WITH BEST MANAGEMENT PROCTICES TO PREVENT REINTRODUCTION OF EXCAVATED MATERIAL INTO FLOWING WATER. THE PLAN SHALL BE SUBMITTED TO AND APPROVED BY THE CITY OF DEKALB BEFORE EXCAVATION PROTECTION AND CONSTRUCTION BEGIN.

2. THE COST FOR THE ISOLATION AND PROTECTION OF THE EXCAVATION AND CONSTRUCTION SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR REMOVAL OF EXISTING STRUCTURES.

3. THE COFFERDAM SHALL REMAIN IN PLACE FOR REMOVAL OF THE EXISTING PIER AND CONSTRUCTION OF THE NEW PIER.

4. WHEN THE EXCAVATION PROTECTION IS NO LONGER REQUIRED, IT SHALL BE REMOVED ACCORDING TO THE CONTRACTOR'S PLAN UNLESS OTHERWISE SPECIFIED BY THE CITY OF DEKALB. THE DISTRICT SHALL BE NOTIFIED WHEN THE PROTECTION IS TO BE REMOVED. ALL MATERIALS REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

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116 West Main Street, Suite 201
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USER NAME = nparris	DESIGNED - DPB	REVISED -	
	DRAWN - NDP	REVISED -	
PLOT SCALE =	CHECKED - SBP	REVISED -	
PLOT DATE = 7/6/2011	DATE - 7/8/11	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS

SCALE: | SHEET NO. 40 OF 88 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5355	04-00167-00-BR	DEKALB	88	40
		CONTRACT NO.87491		
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT		