

#### NOTES:

- 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")
- 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.

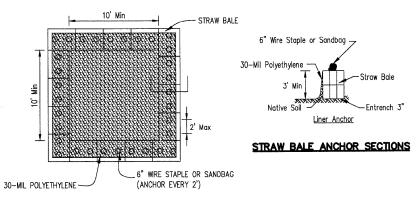
# **EROSION CONTROL BLANKET INSTALLATION DETAILS**

USER NAME = \$USER

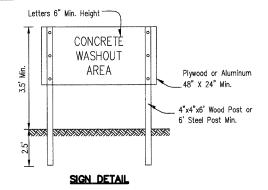
PLOT SCALE = PLOT DATE = 10/21/2

WILLS BURKE KELSEY ASSOCIATES LTD

WBK 116 West Main Street, Suite 201 St. Charles, Illinois 60174



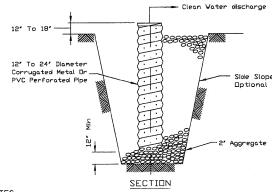
#### PLAN VIEW



#### NOTES:

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

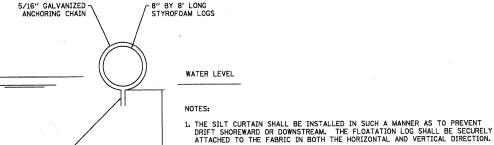
# TEMPORARY CONCRETE WASHOUT FACILITY - STRAW BALE



### NOTES:

- PIT DIMENSIONS ARE OPTIONAL.
- THE STANDPIPE WILL BE CONSTRUCTED BY PERFORATING A 12"-24" DIAMETER 2. CORRUGATED METAL OR PVC PIPE.
- A BASE OF 2" AGGREGATED WILL BE PLACED IN THE PIT TO A MINIMUM DEPTH OF 12". AFTER INSTALLING THE STANDPIPE, THE PIT SURROUNDING THE STANDPIPE WILL THEN BE BACKFILLED WITH 2" AGGREGATE.
- THE STANDPIPE WILL EXTEND 12" TO 18" ABOVE THE LIP OF THE PIT. IF DISCHARGE WILL BE PUMPED DIRECTLY TO A STORM DRAINAGE SYSTEM, THE STANDPIPE WILL BE WRAPPED WITH FILTER FABRIC BEFORE INSTALLATION.
- IF DESIRED, 1/4"-1/2" HARDWARE CLOTH MAY BE PLACED AROUND THE STANDPIPE PRIOR TO ATTACHING THE FILTER FABRIC. THIS WILL INCREASE THE RATE OF WATER SEEPAGE INTO THE PIPE.

## SUMP PIT PLAN



FACTORY SEAMS

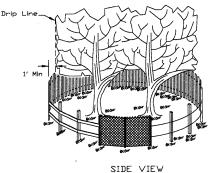
5/16" BALLAST CHAIN

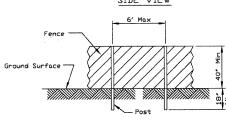
- 2. THE 5/16-INCH CABLE SHALL BE ATTACHED ABOVE THE FLOATATION MEMBERS AND EXTEND THE ENTIRE LENGTH OF EACH SECTION OF SILT CURTAIN. A 5/16-INCH CHAIN SHALL BE SEALED ON THE LOWER HEM FOR BALLAST.
  - 3. CONNECTORS SHALL JOIN THE MAIN LOAD LINE AND BALLAST CHAIN TO CARRY ALL TENSILE PRESSURE. THE FABRIC SHALL BE JOINTED FOR ITS ENTIRE
  - 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
  - 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** TRIBIDITY CURTAIN (FLOATING SILT CURTAIN)

8

### N.T.S





POST AND FENCE DETAIL

### NOTES:

- 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
- FENCE POSTS SHALL BE EITHER STANDARD STEEL POSTS OR WOOD POSTS WITH A MINIMUM CROSS SECTIONAL AREA OF 3.0 SQ. IN.
  THE FENCE MAY BE EITHER 40" HIGH SNOW FENCE, 40" PLASTIC WEB FENCING OR
- ANY OTHER MATERIAL AS APPROVED BY THE ENGINEER/INSPECTOR.
- TO BE PAID FOR AS "TEMPORARY FENCE."

# TREE PROTECTION FENCING

SER#	DESIGNED -	REVISED -		EROSION CONTROL	F.A.U. SECTION C	COUNTY TOTAL SHEET SHEET NO.
	DRAWN ~	REVISED -	STATE OF ILLINOIS	DETAILS	2332 03-14185-02-BR	KANE 73 24
	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		co	NTRACT NO.63521
21/2010	DATE - 10/22/10	REVISED -		SCALE: SHEET NO. 24 OF 73 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PR	OJECT