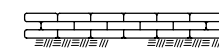
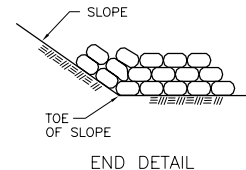


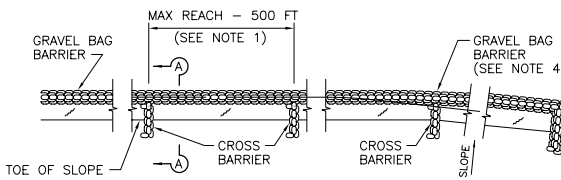
SECTION A-A



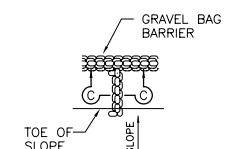
SECTION B-B



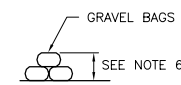
END DETAIL



PLAN



CROSS BARRIER DETAIL



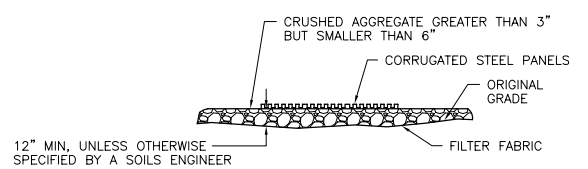
SECTION C-C

- NOTES:**
1. CONSTRUCT THE LENGTH OF EACH REACH SO THAT THE CHANGE IN BASE ELEVATION ALONG THE REACH DOES NOT EXCEED 1/2 THE HEIGHT OF THE LINEAR BARRIER. IN NO CASE SHALL THE REACH LENGTH EXCEED 500 FT.
 2. PLACE GRAVEL BAGS TIGHTLY.
 3. DIMENSIONS MAY VARY TO FIT FIELD CONDITIONS.
 4. GRAVEL BAG BARRIER SHALL BE A MINIMUM OF 3 BAGS HIGH.
 5. THE END OF THE BARRIER SHALL BE TURNED UP SLOPE.
 6. CROSS BARRIERS SHALL BE A MINIMUM OF 1/2 AND A MAXIMUM OF 2/3 THE HEIGHT OF THE LINEAR BARRIER.
 7. GRAVEL BAG ROWS AND LAYERS SHALL BE STAGGERED TO ELIMINATE GAPS.

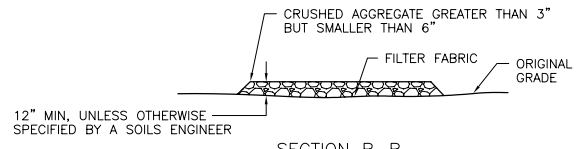
GRAVEL BAG BARRIER

NO SCALE

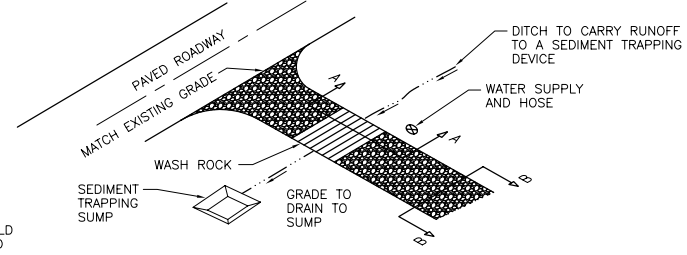
SC-8



SECTION A-A



SECTION B-B

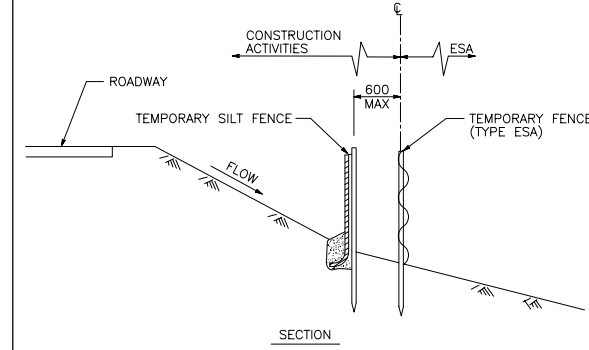


NOTE:
MANY DESIGNS CAN BE FIELD FABRICATED, OR FABRICATED UNITS MAY BE USED.

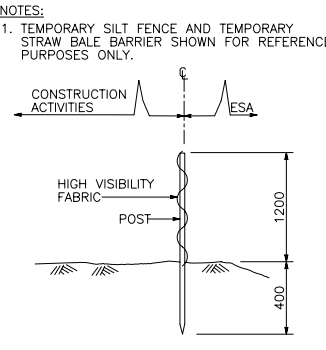
ENTRANCE/OUTLET TIRE WASH

NO SCALE

TC-3

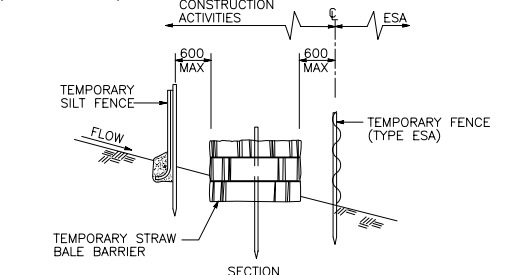


SECTION
PLACEMENT DETAIL FOR TEMPORARY SILT FENCE USED WITH TEMPORARY FENCE (TYPE ESA)
(SEE NOTE 1)

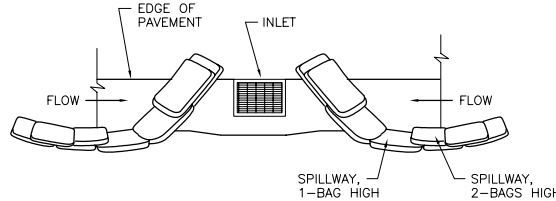


SECTION
TEMPORARY FENCE (TYPE ESA)

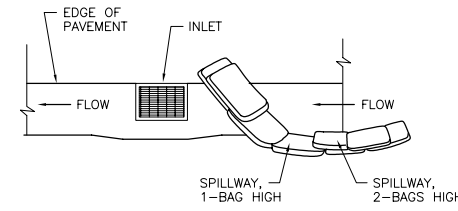
- NOTES:**
1. TEMPORARY SILT FENCE AND TEMPORARY STRAW BALE BARRIER SHOWN FOR REFERENCE PURPOSES ONLY.



SECTION
PLACEMENT DETAIL FOR TEMPORARY SILT FENCE AND TEMPORARY STRAW BALE BARRIER USED WITH TEMPORARY FENCE (TYPE ESA)
(See Note 1)



TYPICAL PROTECTION FOR INLET ON SUMP



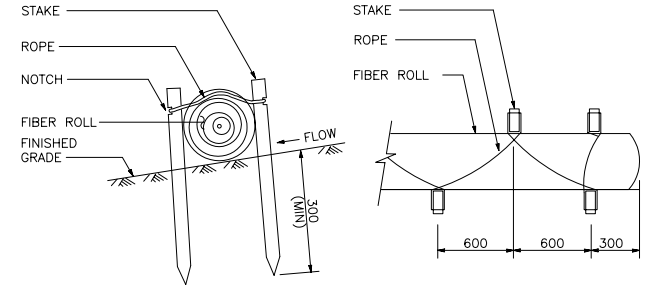
TYPICAL PROTECTION FOR INLET ON GRADE

- NOTES:**
1. INTENDED FOR SHORT-TERM USE.
 2. USE TO INHIBIT NON-STORM WATER FLOW.
 3. ALLOW FOR PROPER MAINTENANCE AND CLEANUP.
 4. BAGS MUST BE REMOVED AFTER ADJACENT OPERATION IS COMPLETED.
 5. NOT APPLICABLE IN AREAS WITH HIGH SILTS AND CLAYS WITHOUT FILTER FABRIC.

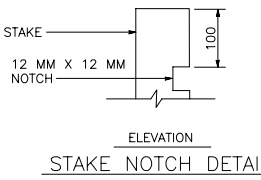
STORM DRAIN INLET PROTECTION

NO SCALE

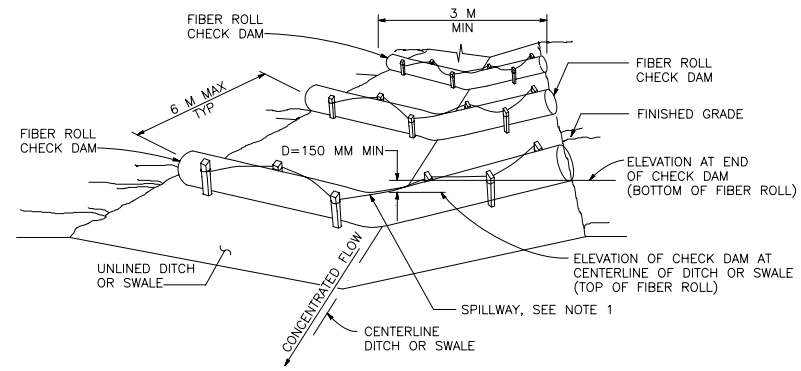
SC-10



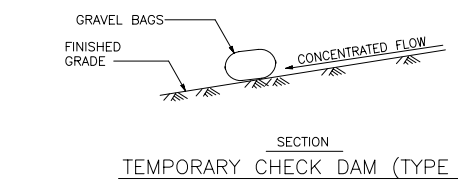
SECTION
PLAN
STAKING AND LASHING DETAIL



ELEVATION
STAKE NOTCH DETAIL

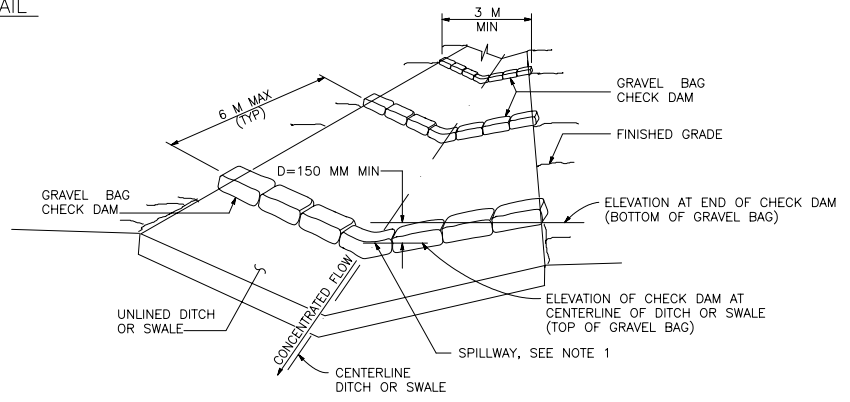


PERSPECTIVE
TEMPORARY CHECK DAM (TYPE 1)
(TOTAL OF 3 CHECK DAMS SHOWN)



SECTION
TEMPORARY CHECK DAM (TYPE 2)

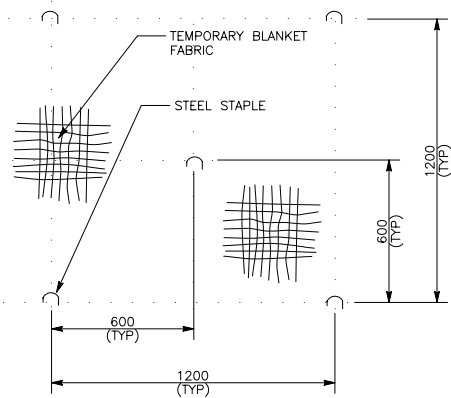
- NOTES:**
1. SPILLWAY DEPTH 'D' SHALL BE MAINTAINED TO PREVENT FLANKING OF CONCENTRATED FLOW AROUND THE ENDS OF EACH CHECK DAM.



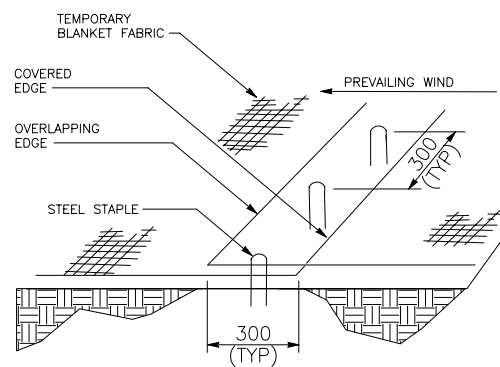
PERSPECTIVE
TEMPORARY CHECK DAM (TYPE 2)
(TOTAL OF 3 CHECK DAMS SHOWN)

CITY APPROVED CHANGES			
NO.	DESCRIPTION:	APPROVED BY:	DATE:

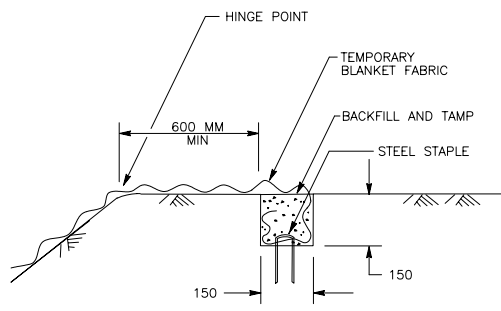
PRIVATE CONTRACT		
SHEET	CITY OF DEL MAR	SHEETS
GRADING, DRAINAGE, EROSION & SEDIMENT CONTROL PLAN FOR:		
CALIFORNIA COORDINATE INDEX		
ENGINEER OF WORK		
R.C.E.		
GRADING PERMIT NO.:		



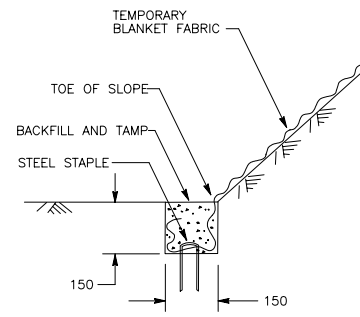
DETAIL A
STAPLE PATTERN



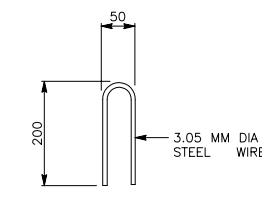
DETAIL B
LONGITUDINAL BLANKET JOINT



SECTION
DETAIL C
KEY TRENCH AT
TOP OF SLOPE

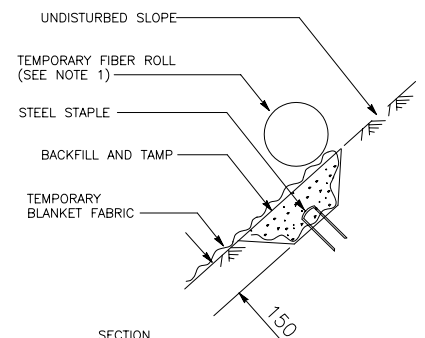


SECTION
DETAIL D
KEY TRENCH AT
TOE OF SLOPE

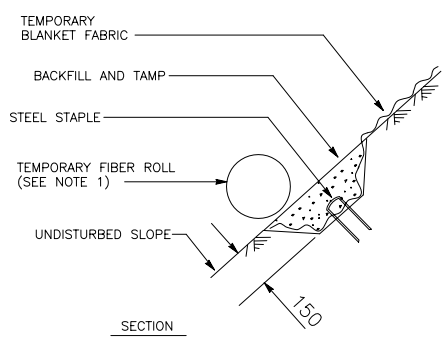


STAPLE DETAIL

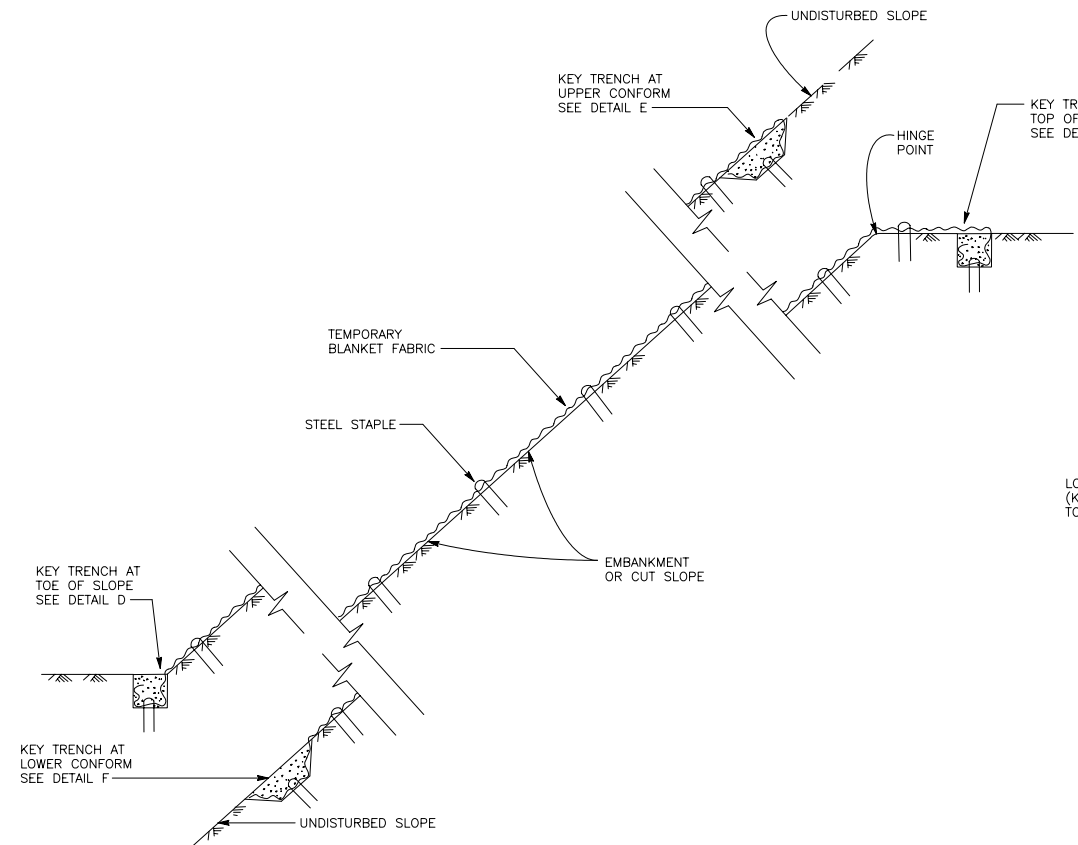
NOTE
1. TEMPORARY FIBER ROLL SHOWN FOR REFERENCE PURPOSES ONLY.



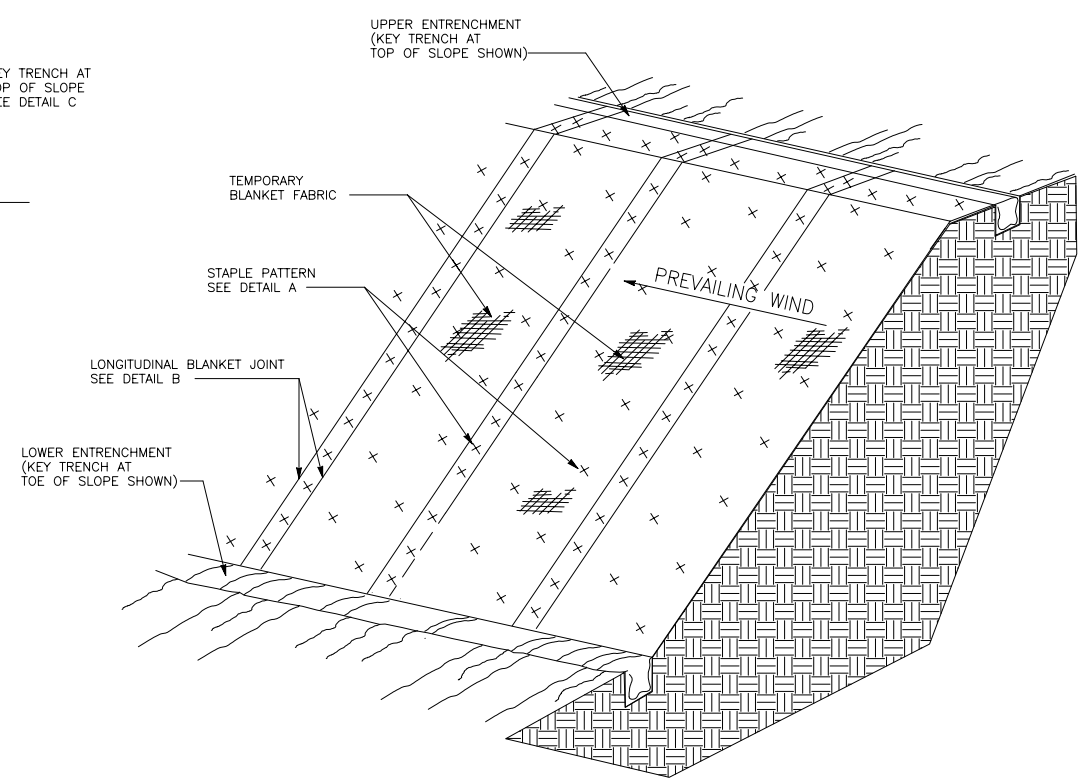
SECTION
DETAIL E
KEY TRENCH AT
UPPER CONFORM



SECTION
DETAIL F
KEY TRENCH AT
LOWER CONFORM

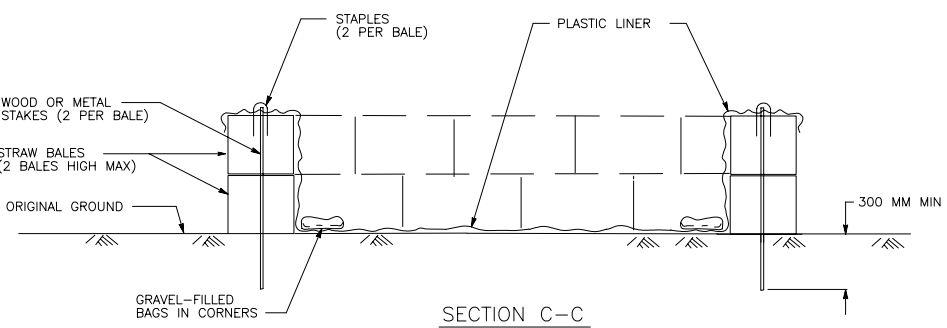
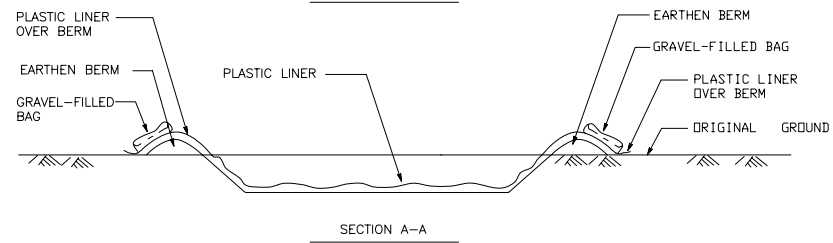
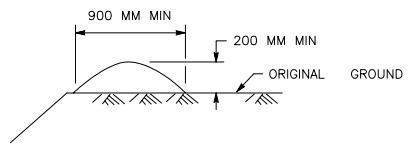
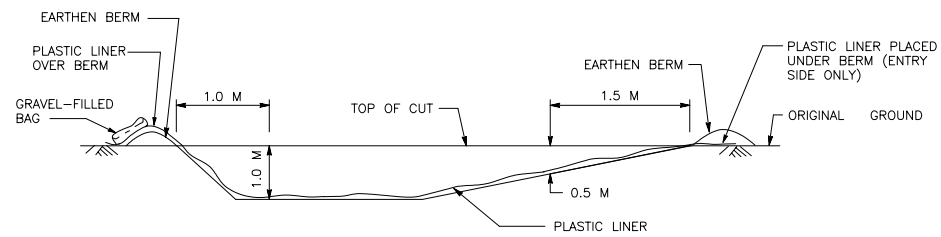


SECTION
TEMPORARY EROSION CONTROL BLANKET
ON SLOPE WITH VARIOUS KEY ENTRENCHMENTS

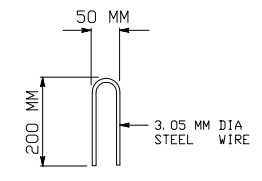
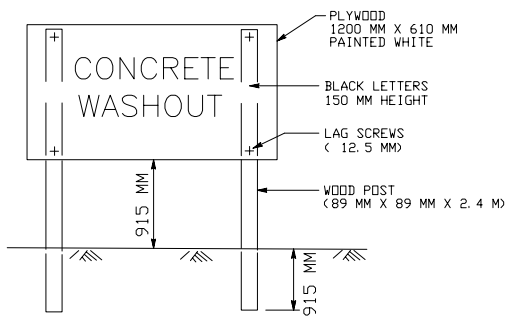
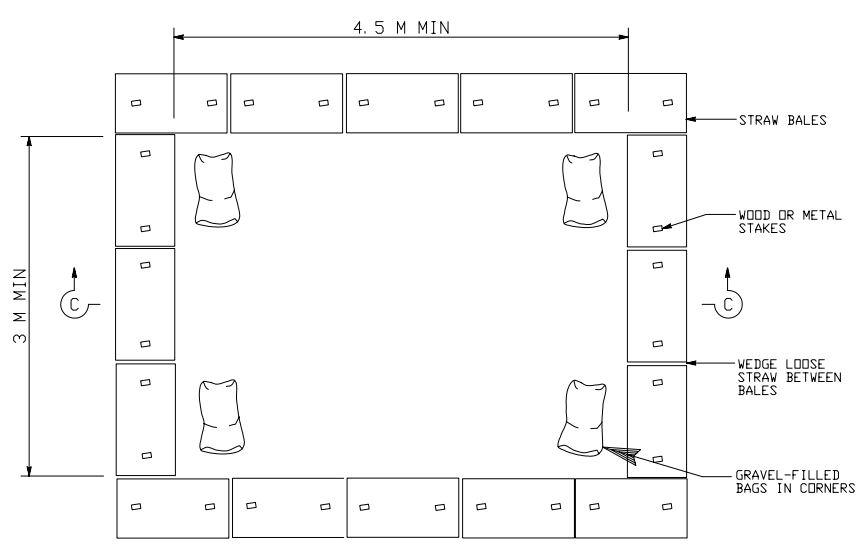
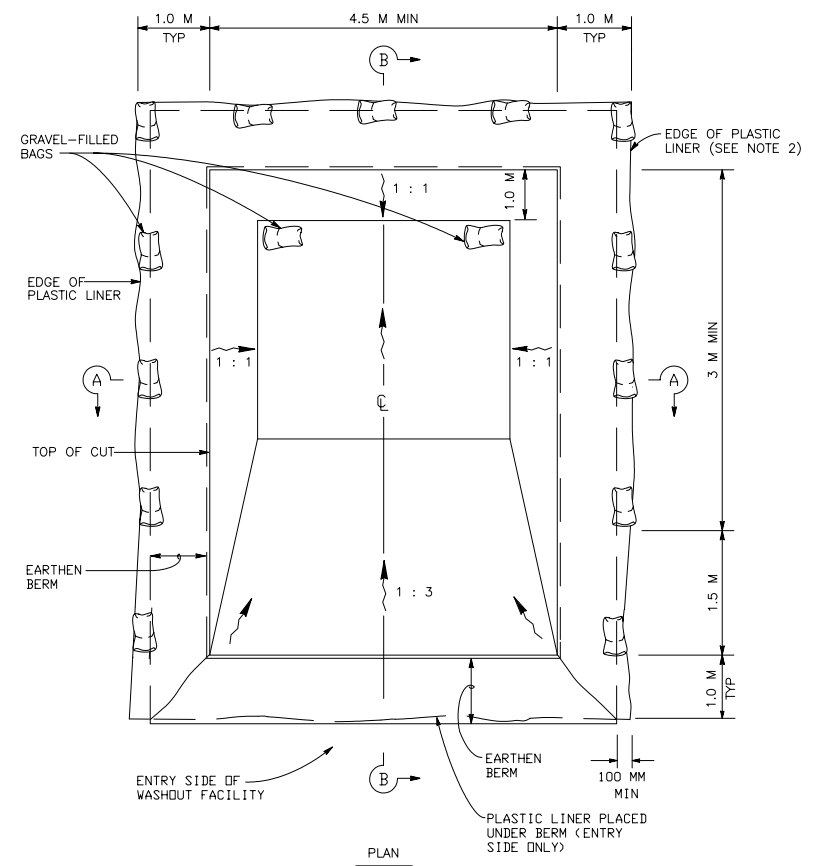


ISOMETRIC
TEMPORARY EROSION CONTROL BLANKET
ON SLOPE

CITY APPROVED CHANGES				PRIVATE CONTRACT	
NO.	DESCRIPTION:	APPROVED BY:	DATE:	SHEET	CITY OF DEL MAR SHEETS
				GRADING, DRAINAGE, EROSION & SEDIMENT CONTROL PLAN FOR:	
				CALIFORNIA COORDINATE INDEX	
				ENGINEER OF WORK R.C.E.	
				GRADING PERMIT NO.:	



- NOTES
1. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 10 METERS OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
 2. PLASTIC LINER SHALL BE ANCHORED WITH GRAVEL-FILLED BAGS FOR BELOW GRADE CONCRETE WASHOUT FACILITY.

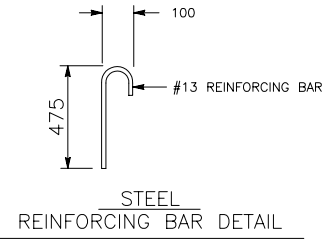
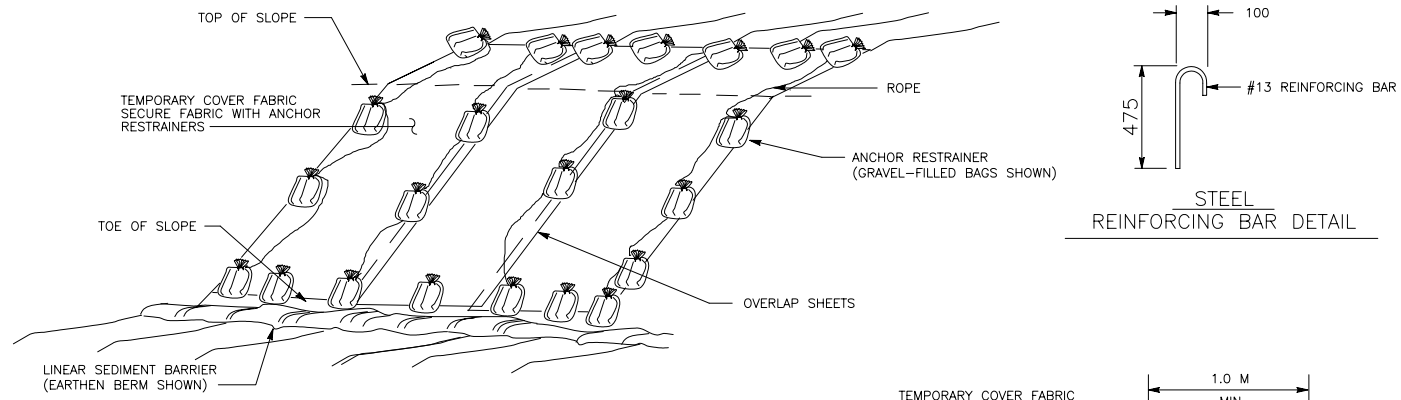


TEMPORARY CONCRETE WASHOUT FACILITY (BELOW GRADE)

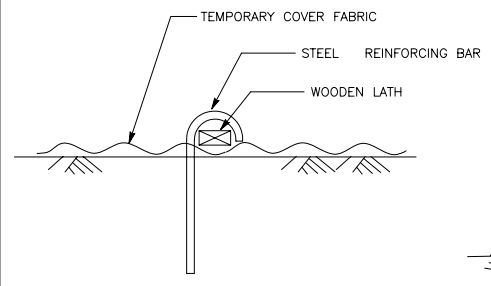
TEMPORARY CONCRETE WASHOUT FACILITY (ON GRADE)

CITY APPROVED CHANGES			
NO.	DESCRIPTION:	APPROVED BY:	DATE:

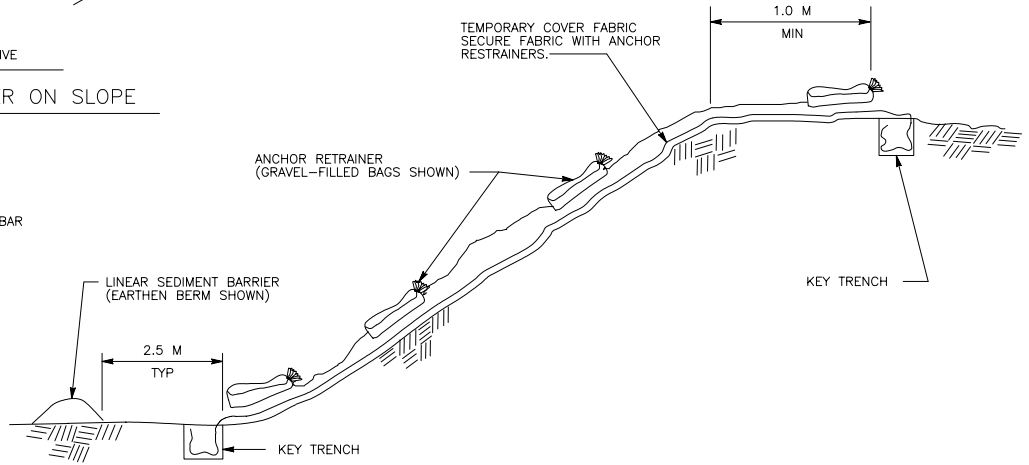
PRIVATE CONTRACT		
SHEET	CITY OF DEL MAR	SHEETS
GRADING, DRAINAGE, EROSION & SEDIMENT CONTROL PLAN FOR:		
CALIFORNIA COORDINATE INDEX		
ENGINEER OF WORK		
R.C.E.		
GRADING PERMIT NO.:		



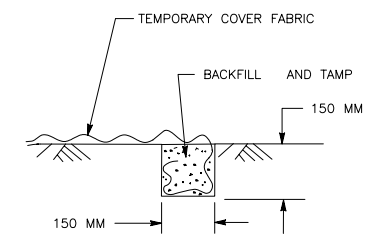
PERSPECTIVE
TEMPORARY COVER ON SLOPE



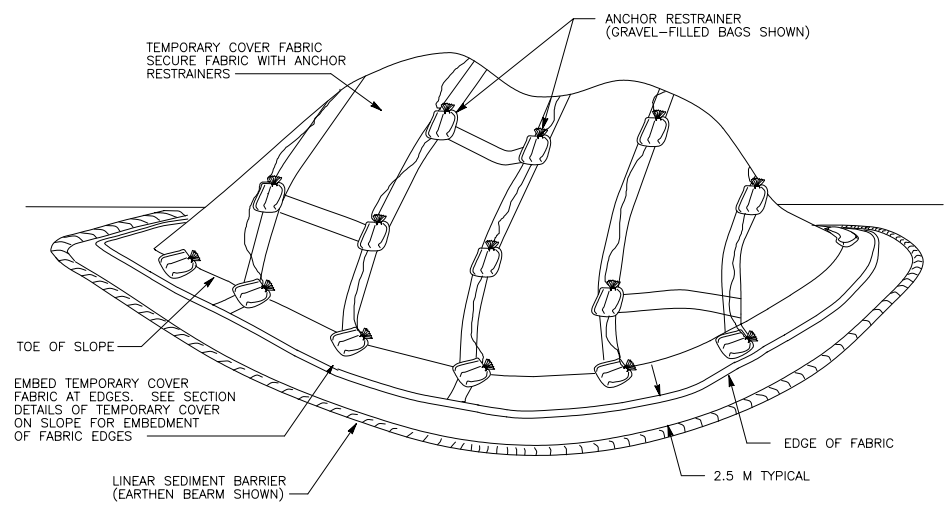
SECTION
ANCHOR RESTRAINER
(STEEL BAR AND WOODEN LATH)



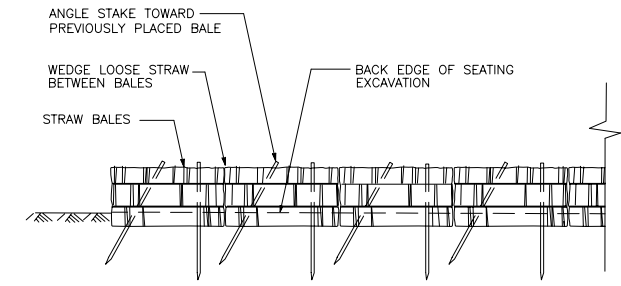
SECTION
TEMPORARY COVER ON SLOPE



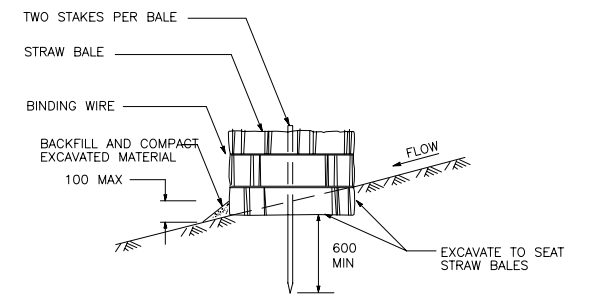
SECTION
KEY TRENCH DETAIL



PERSPECTIVE
TEMPORARY COVER ON STOCKPILE

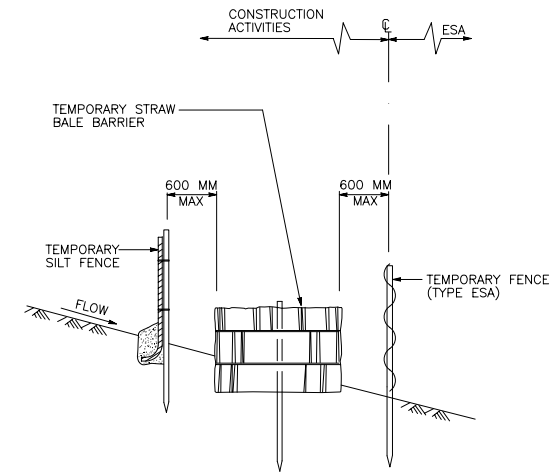


FRONT ELEVATION
TEMPORARY STRAW BALE BARRIER

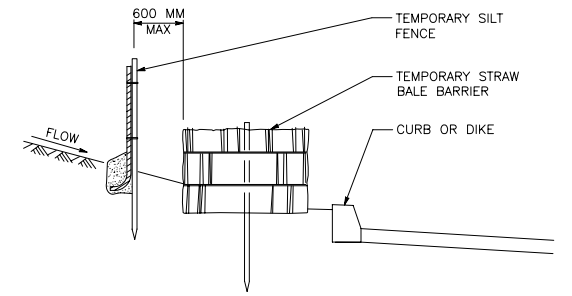


SECTION

NOTE
1. TEMPORARY SILT FENCE AND TEMPORARY FENCE (TYPE ESA) SHOWN FOR REFERENCE PURPOSES ONLY.



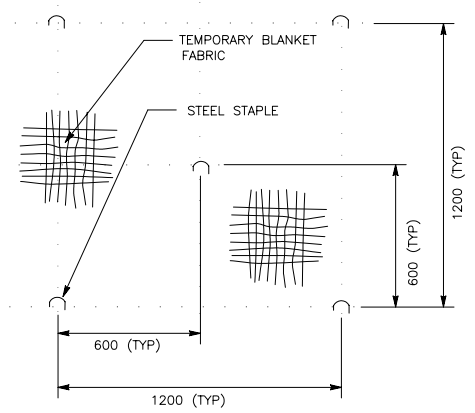
SECTION
PLACEMENT DETAIL
FOR TEMPORARY SILT FENCE
AND TEMPORARY FENCE (TYPE ESA)
USED WITH TEMPORARY STRAW BALE BARRIER
(SEE NOTE 1)



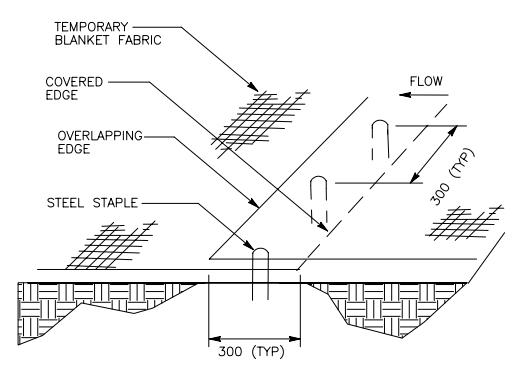
SECTION
PLACEMENT DETAIL
FOR TEMPORARY SILT FENCE
USED WITH TEMPORARY
STRAW BALE BARRIER
(SEE NOTE 1)

CITY APPROVED CHANGES			
NO.	DESCRIPTION:	APPROVED BY:	DATE:

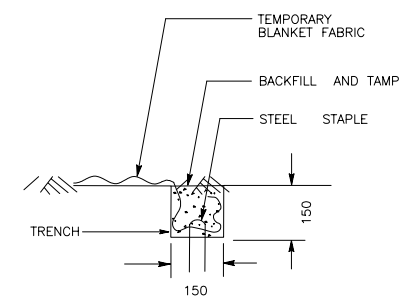
PRIVATE CONTRACT		
SHEET	CITY OF DEL MAR	SHEETS
GRADING, DRAINAGE, EROSION & SEDIMENT CONTROL PLAN FOR:		
CALIFORNIA COORDINATE INDEX		
ENGINEER OF WORK		
R.C.E.		
GRADING PERMIT NO.:		



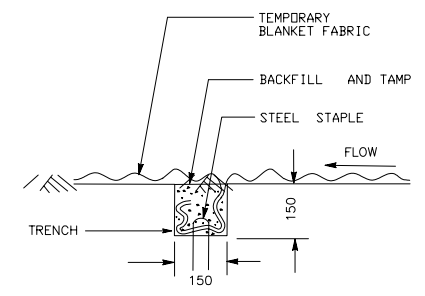
PLAN
DETAIL A
STAPLE PATTERN



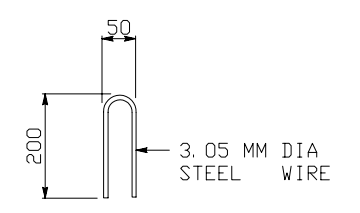
PERSPECTIVE
DETAIL B
LONGITUDINAL BLANKET JOINT



SECTION
DETAIL C
KEY TRENCH

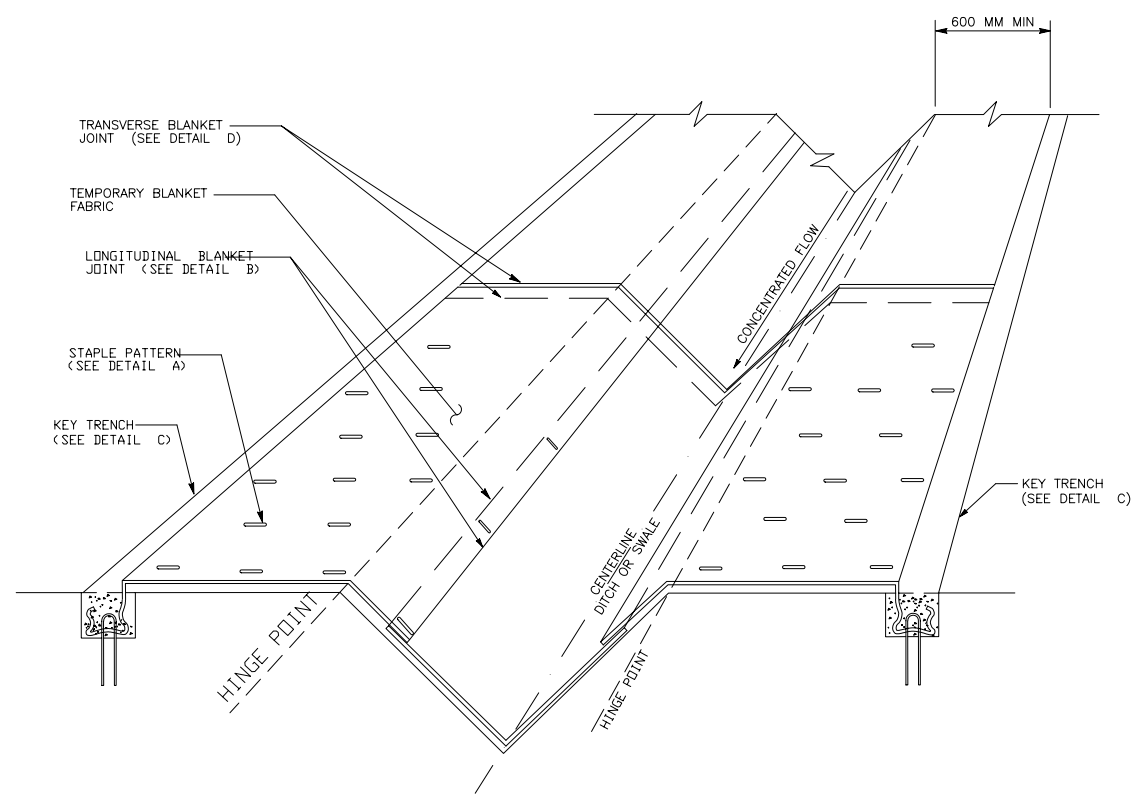


SECTION
DETAIL D
TRANSVERSE BLANKET JOINT

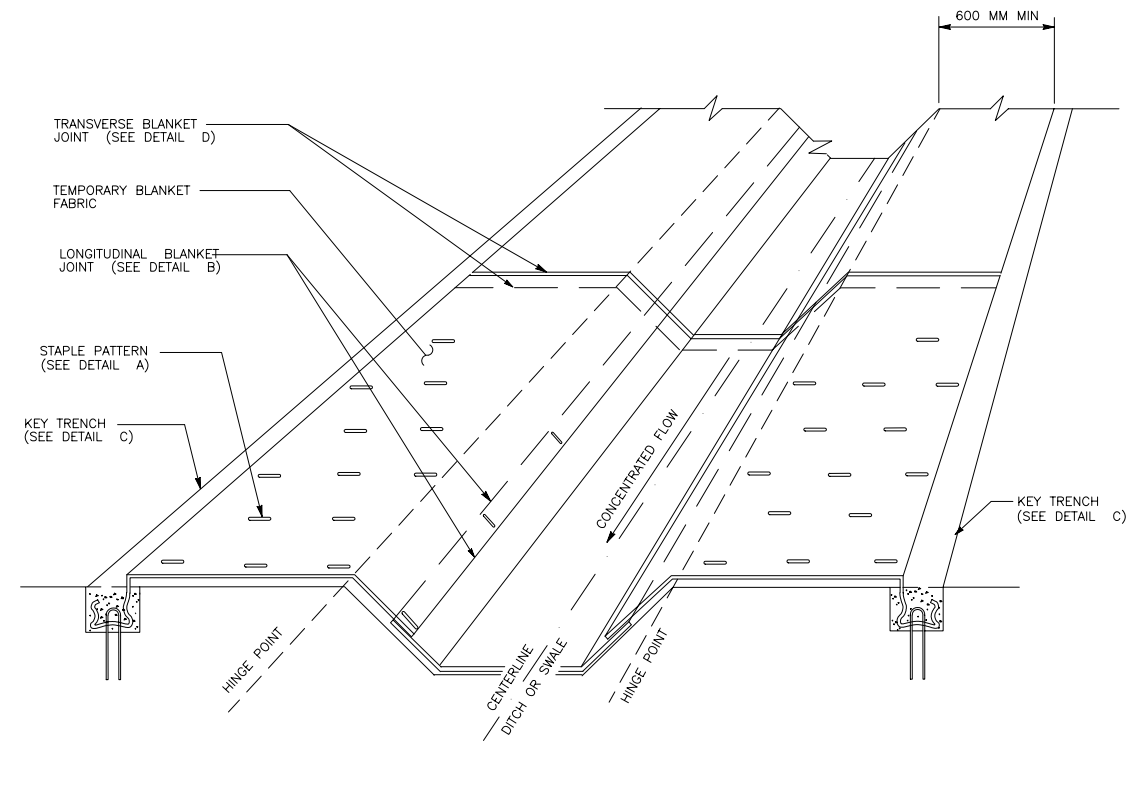


STAPLE DETAIL

NOTE
1. FOR CLARITY, PERSPECTIVE VIEW DOES NOT SHOW ALL STAPLES.



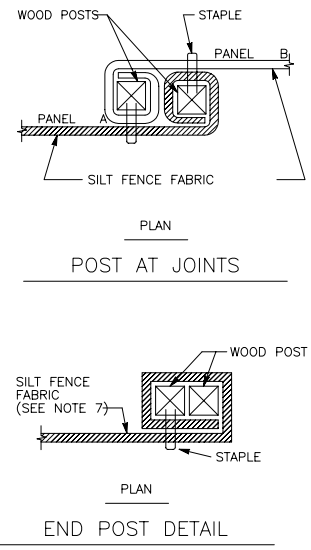
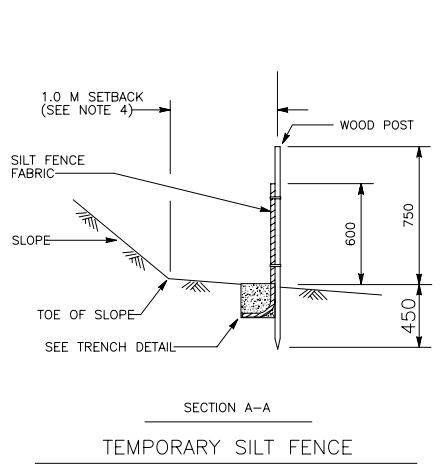
PERSPECTIVE
TEMPORARY EROSION CONTROL BLANKET
IN V-DITCH OR SWALE



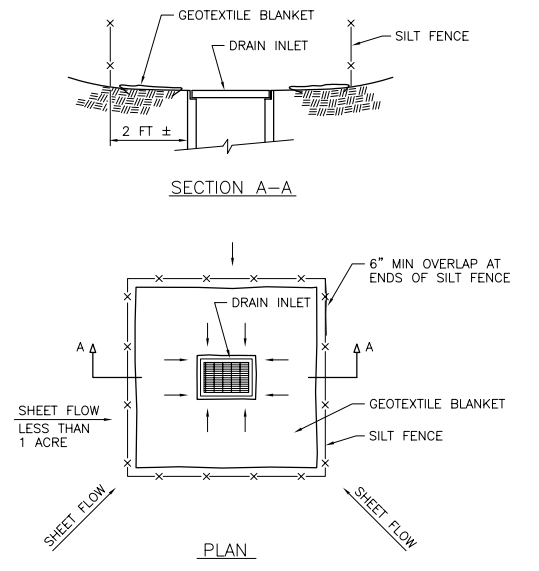
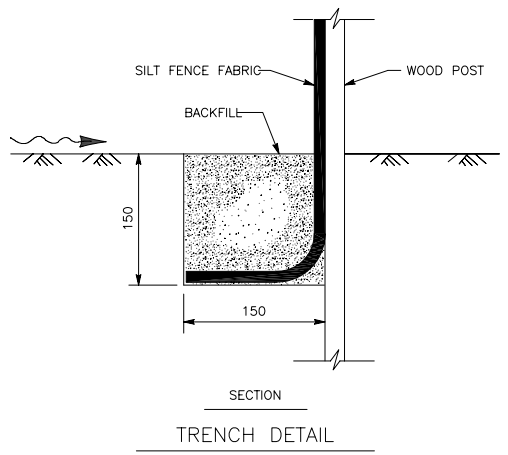
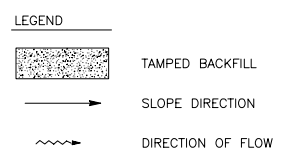
PERSPECTIVE
TEMPORARY EROSION CONTROL BLANKET
IN TRAPAZOIDAL DITCH OR SWALE

CITY APPROVED CHANGES			
NO.	DESCRIPTION:	APPROVED BY:	DATE:

PRIVATE CONTRACT		
SHEET	CITY OF DEL MAR	SHEETS
GRADING, DRAINAGE, EROSION & SEDIMENT CONTROL PLAN FOR:		
CALIFORNIA COORDINATE INDEX		
ENGINEER OF WORK		
R.C.E.		
GRADING PERMIT NO.:		

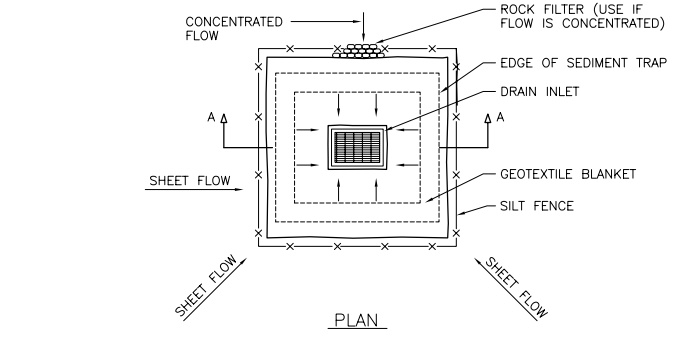
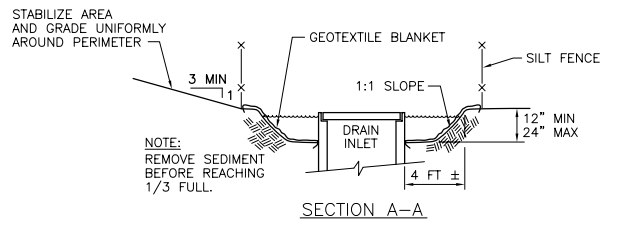


- NOTES**
1. INSTALL TEMPORARY SILT FENCE BY FIRST DIGGING TRENCH, DRIVING POSTS, PLACING AND SECURING FABRIC. THEN BACKFILL AND TAMP.
 2. REACH LENGTH NOT TO EXCEED 150 METERS.
 3. THE DOWN STREAM END OF THE TEMPORARY SILT FENCE SHALL HAVE THE LAST 2.5 METERS ANGLED UP SLOPE.
 4. SETBACK DIMENSIONS MAY VARY TO FIT FIELD CONDITIONS.
 5. POSTS TO OVERLAP AND FENCE FABRIC TO FOLD AROUND EACH POST ONE FULL TURN. SECURE FABRIC WITH 4 STAPLES FOR EACH POST.
 6. POSTS SHALL BE DRIVEN TIGHTLY TOGETHER TO PREVENT POTENTIAL FLOW-THROUGH OF SEDIMENT AT THE JOINT. THE TOPS OF THE POSTS SHALL BE SECURED TO EACH OTHER WITH WIRE.
 7. FOR EACH END POST, FENCE FABRIC SHALL BE FOLDED AROUND TWO POSTS ONE FULL TURN AND SECURED WITH 4 STAPLES.
 8. MINIMUM OF 4 STAPLES SHALL BE INSTALLED PER POST. DIMENSIONS SHOWN ARE TYPICAL.
 9. MAINTENANCE OPENINGS SHALL BE CONSTRUCTED IN A MANNER TO ENSURE THAT SEDIMENT IS RETAINED BY THE TEMPORARY SILT FENCE.
 10. JOINT SECTIONS SHALL NOT BE PLACED AT SUMP LOCATIONS.



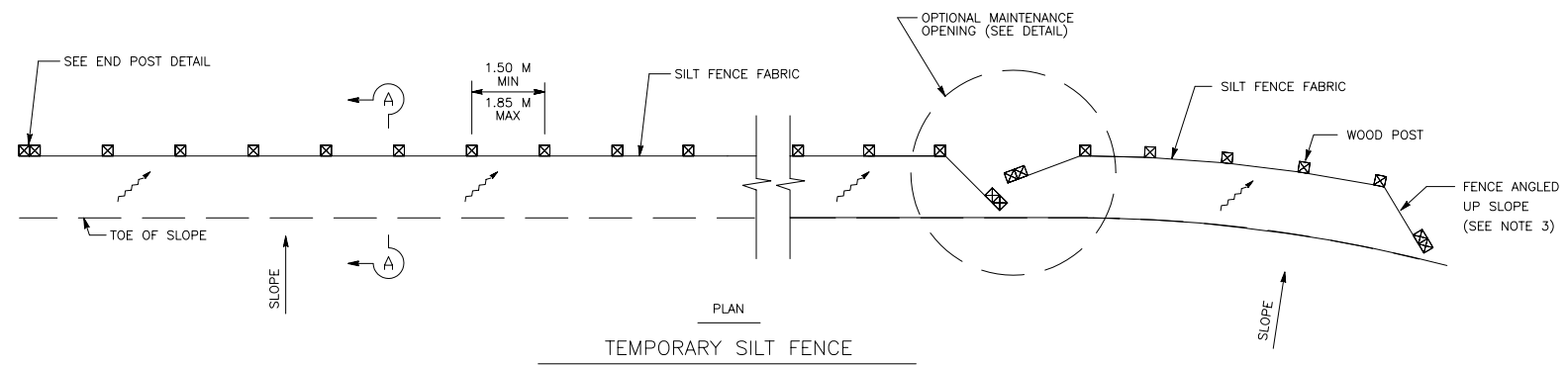
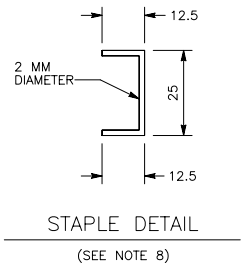
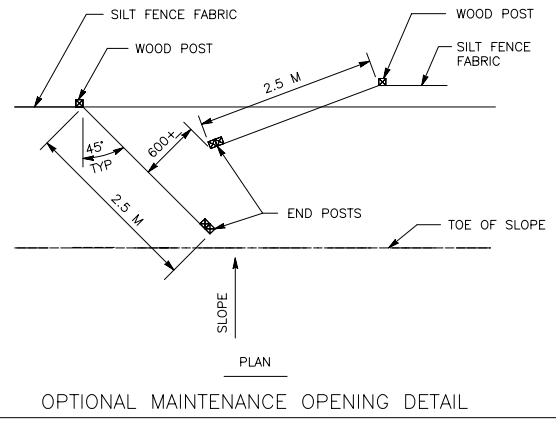
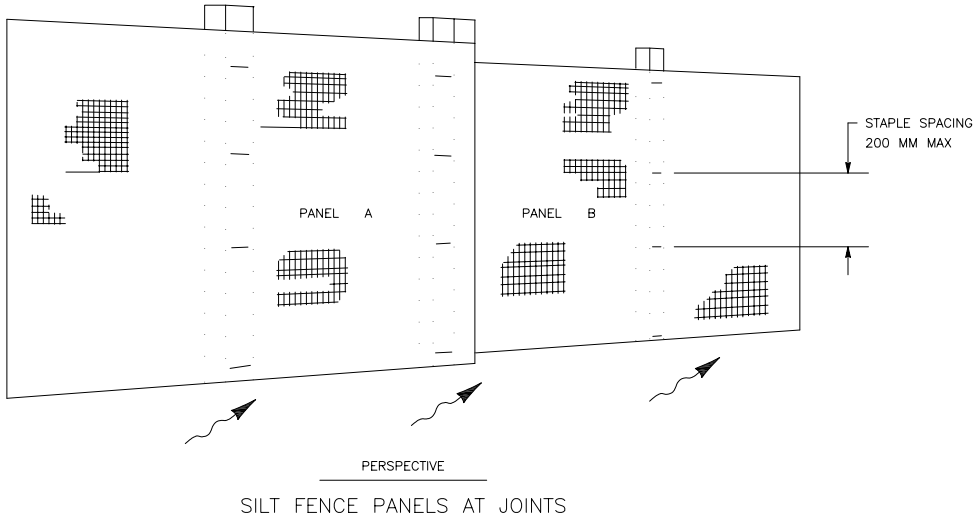
- NOTES:**
1. FOR USE IN AREAS WHERE GRADING HAS BEEN COMPLETED AND FINAL SOIL STABILIZATION AND SEEDING ARE PENDING.
 2. NOT APPLICABLE IN PAVED AREAS.
 3. NOT APPLICABLE WITH CONCENTRATED FLOWS.

STORM DRAIN INLET PROTECTION TYPE 1 SC-10
NO SCALE



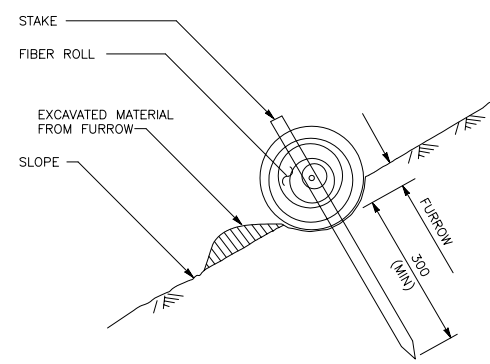
- NOTES:**
1. FOR USE IN CLEARED AND GRUBBED AND IN GRADED AREAS.
 2. SHAPE BASIN SO THAT THE LONGEST INFLOW AREA FACES LONGEST LENGTH OF TRAP.
 3. FOR CONCENTRATED FLOWS, SHAPE BASIN IN 2:1 RATIO WITH LENGTH ORIENTED TOWARDS DIRECTION OF FLOW.

STORM DRAIN INLET PROTECTION TYPE 2 SC-10
NO SCALE

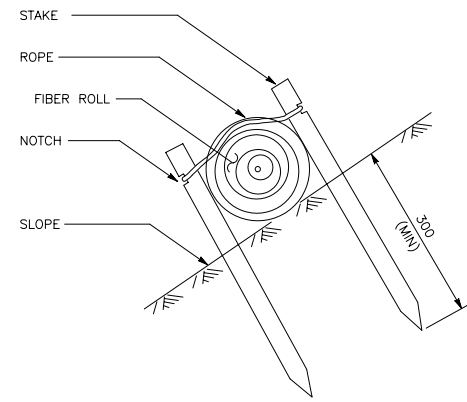


CITY APPROVED CHANGES			
NO.	DESCRIPTION:	APPROVED BY:	DATE:

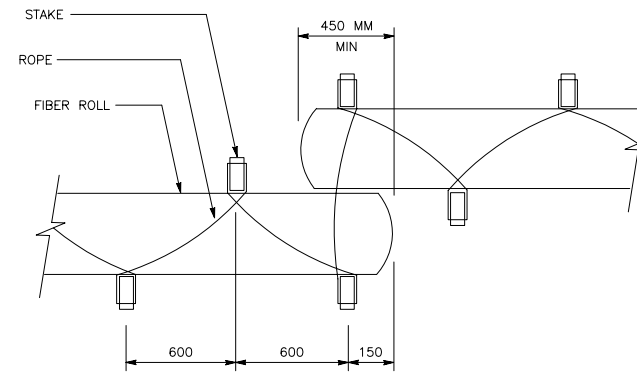
PRIVATE CONTRACT		
SHEET	CITY OF DEL MAR	SHEETS
GRADING, DRAINAGE, EROSION & SEDIMENT CONTROL PLAN FOR:		
CALIFORNIA COORDINATE INDEX		
ENGINEER OF WORK		
R.C.E.		
GRADING PERMIT NO.:		



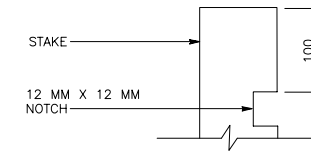
SECTION
TEMPORARY FIBER ROLL
(TYPE 1)



SECTION
TEMPORARY FIBER ROLL
(TYPE 2)

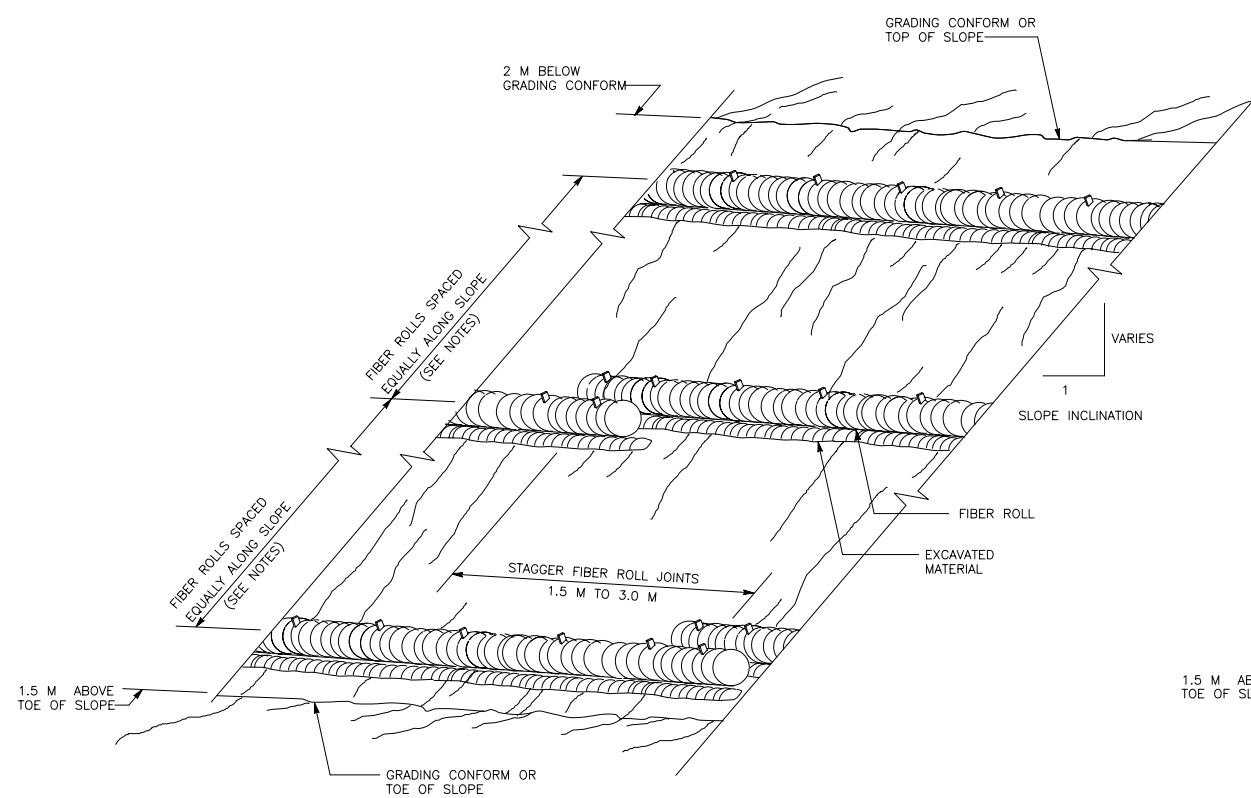


PLAN

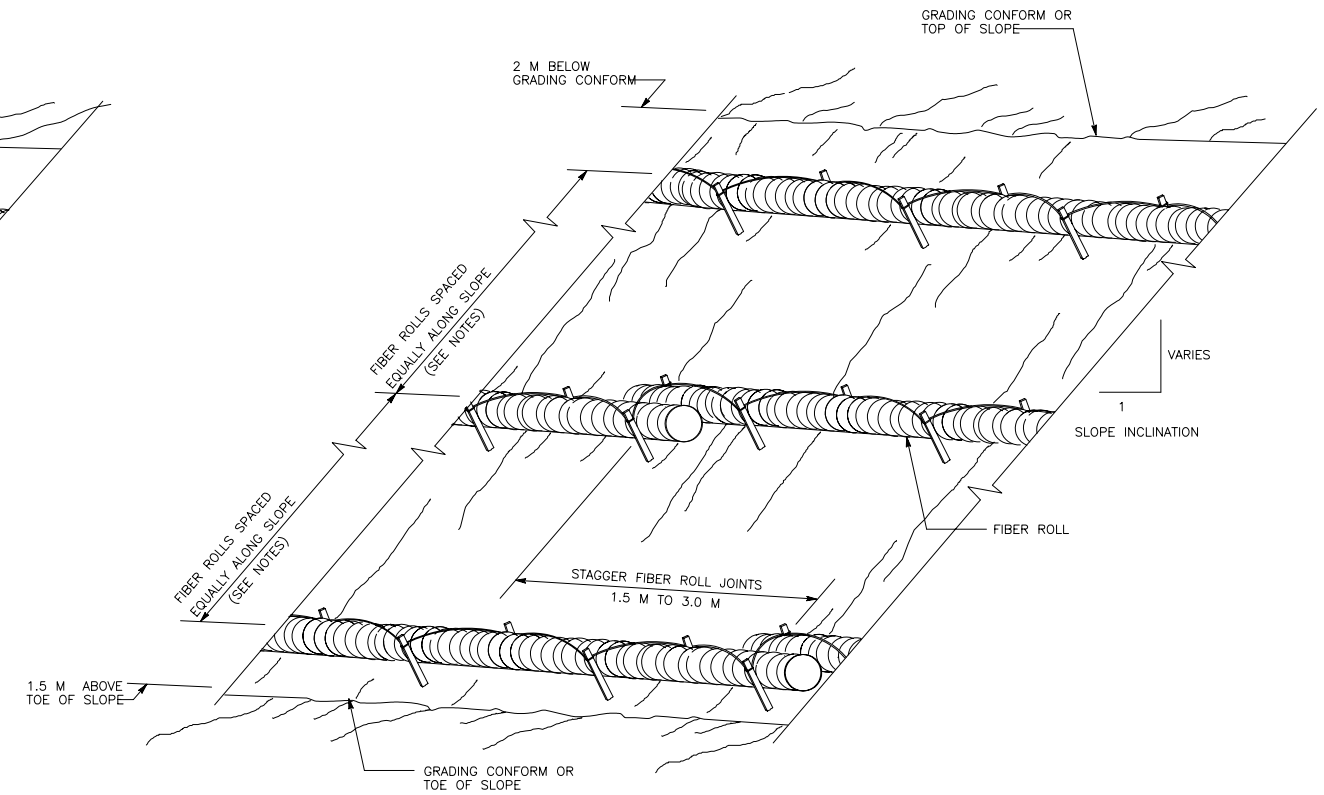


ELEVATION
STAKE NOTCH DETAIL

- NOTE
1. TEMPORARY FIBER ROLL SPACING VARIES DEPENDING UPON SLOPE INCLINATION.
 2. INSTALLATIONS SHOWN IN THE PERSPECTIVES ARE FOR SLOPE INCLINATION OF 1:10 AND STEEPER



PERSPECTIVE
TEMPORARY FIBER ROLL (TYPE 1)



PERSPECTIVE
TEMPORARY FIBER ROLL (TYPE 2)

CITY APPROVED CHANGES			
NO.	DESCRIPTION:	APPROVED BY:	DATE:

PRIVATE CONTRACT		
SHEET	CITY OF DEL MAR	SHEETS
GRADING, DRAINAGE, EROSION & SEDIMENT CONTROL PLAN FOR:		
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R.C.E.		
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