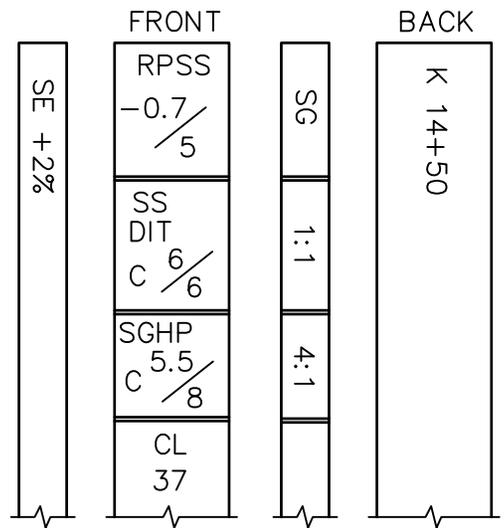
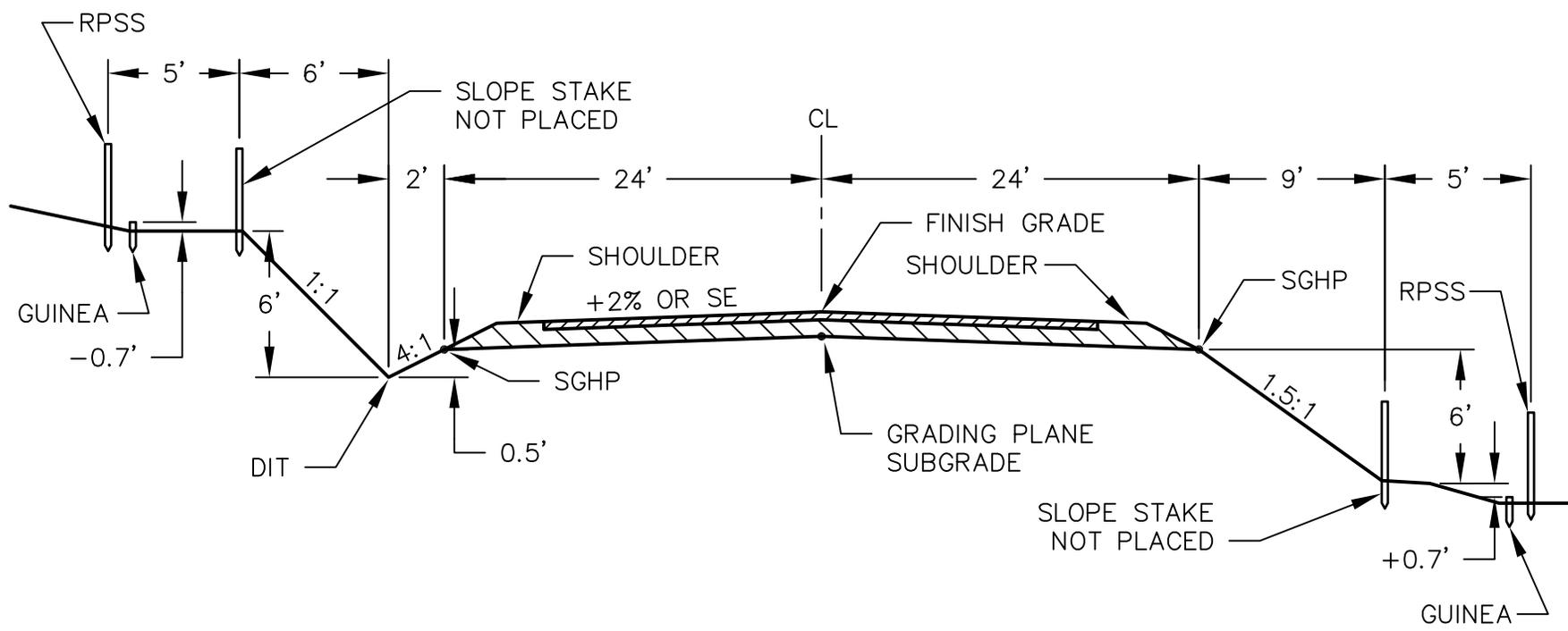


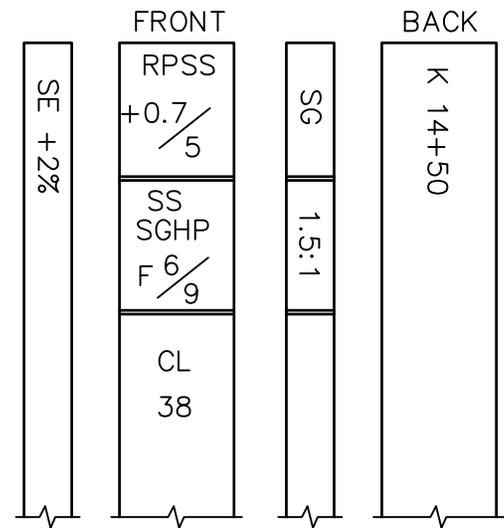


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# CONSTRUCTION STAKING



LEGEND	
	REFERENCE POINT SLOPE STAKE
	SLOPE STAKE
	SUBGRADE HINGE POINT
	DITCH
	SUPERELEVATION-CROWN SLOPE
	SUBGRADE

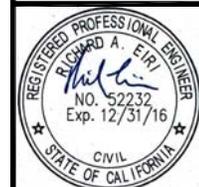


**NOTES:**

- AT ENGINEER'S DISCRETION, AND UPON REQUEST OF PROJECT OWNER, ALTERNATE CONSTRUCTION STAKING METHODS MAY BE APPROVED. IF REQUESTED TO DO SO, PROJECT OWNER SHALL PROVIDE ASSISTANCE TO COUNTY INSPECTOR TO CHECK GRADES.

DATE:  
APR. 2016

SCALE:  
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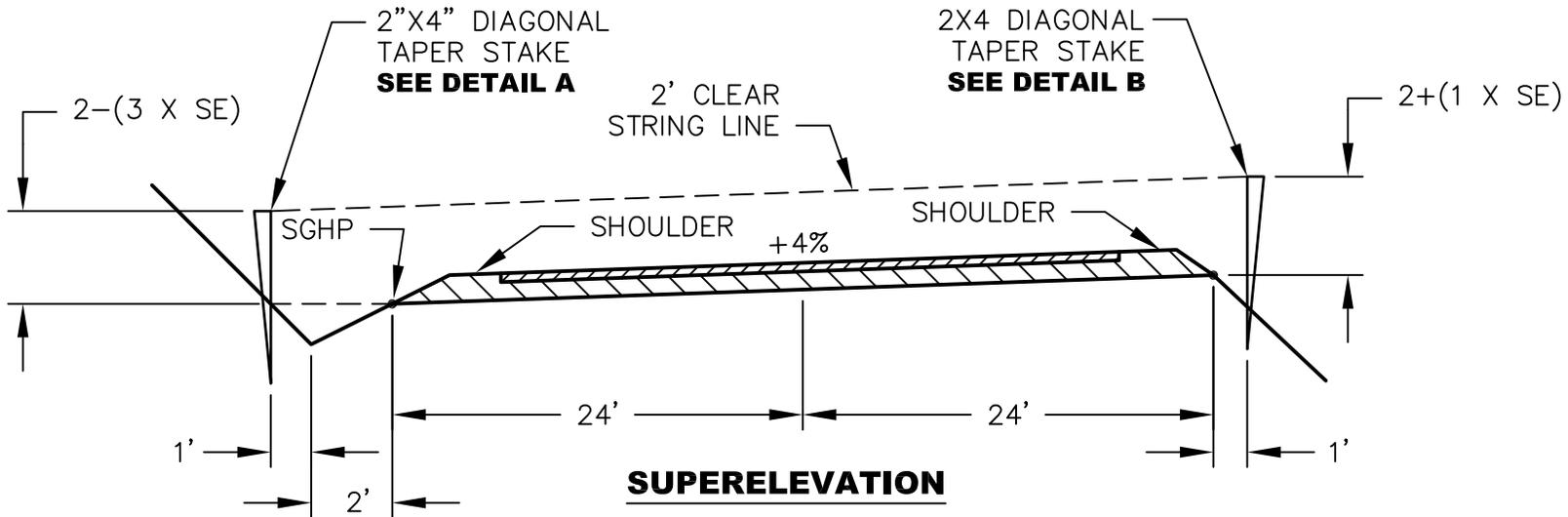




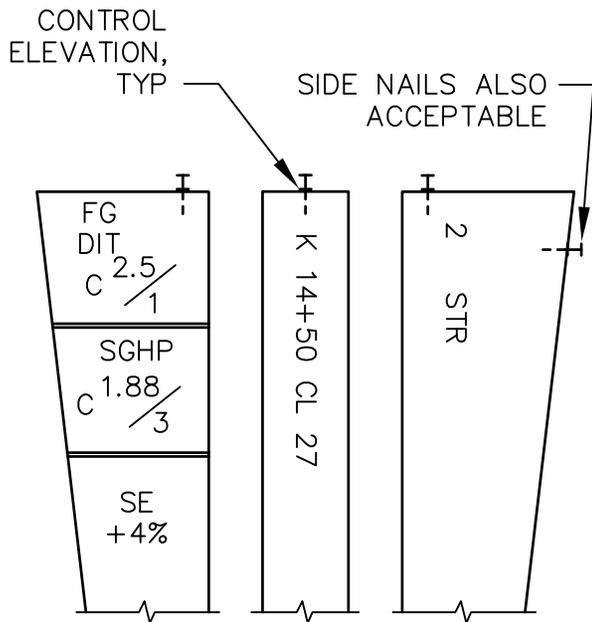
# FINAL GRADE STAKES

"BANK PLUGS" FINISH GRADE - SUPERELEVATION

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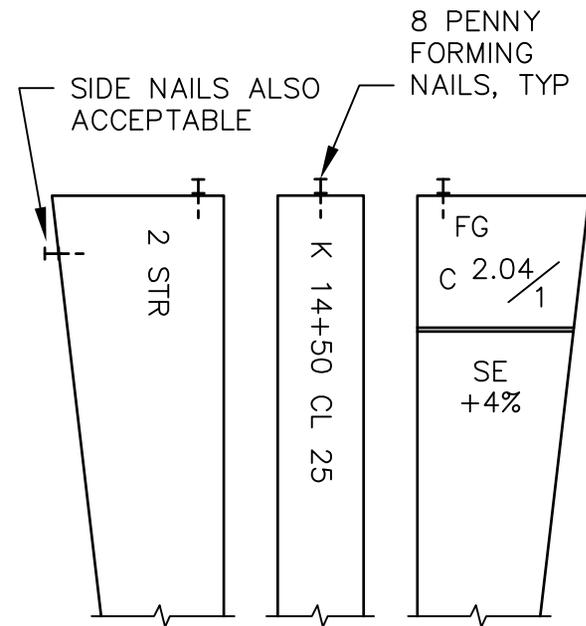


## SUPERELEVATION



**DETAIL A**

LEGEND	
STR	STRING LINE BOOT
SGHP	SUBGRADE HINGE POINT
DIT	DITCH
SE	SUPERELEVATION-CROWN SLOPE
SC	SUBGRADE
FG	FINISH GRADE



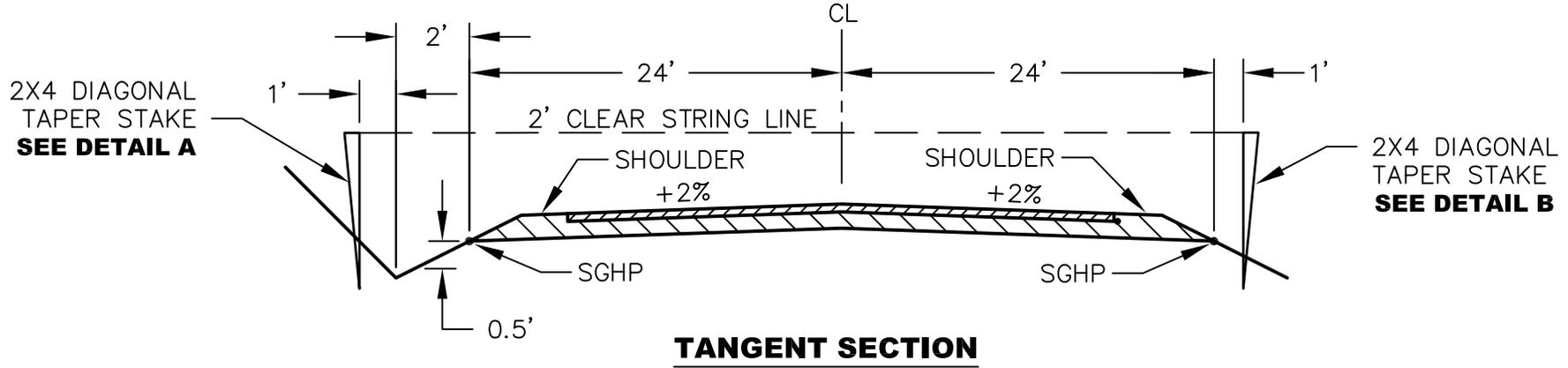
**DETAIL B**

- NOTES:**
1. AT ENGINEER'S DISCRETION, AND UPON REQUEST OF PROJECT OWNER, ALTERNATE CONSTRUCTION STAKING METHODS MAY BE APPROVED. IF REQUESTED TO DO SO, PROJECT OWNER SHALL PROVIDE ASSISTANCE TO COUNTY INSPECTOR TO CHECK GRADES.

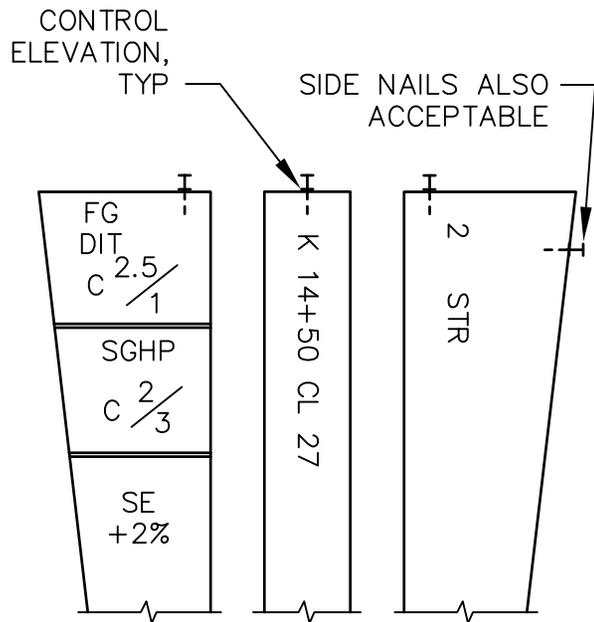


# FINAL GRADE STAKES

"BANK PLUGS" FINISH GRADE - TANGENT SECTION

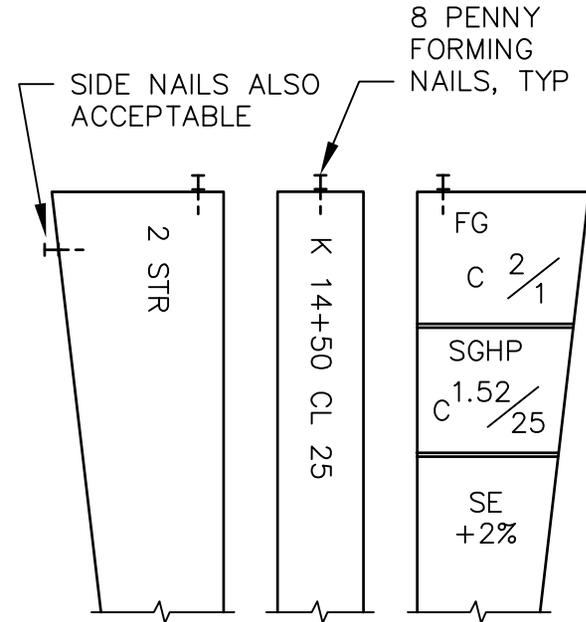


**TANGENT SECTION**



**DETAIL A**

LEGEND	
STR	STRING LINE BOOT
SGHP	SUBGRADE HINGE POINT
DIT	DITCH
SE	SUPERELEVATION-CROWN SLOPE
SC	SUBGRADE
FG	FINISH GRADE



**DETAIL B**

- NOTES:**
1. AT ENGINEER'S DISCRETION, AND UPON REQUEST OF PROJECT OWNER, ALTERNATE CONSTRUCTION STAKING METHODS MAY BE APPROVED. IF REQUESTED TO DO SO, PROJECT OWNER SHALL PROVIDE ASSISTANCE TO COUNTY INSPECTOR TO CHECK GRADES.

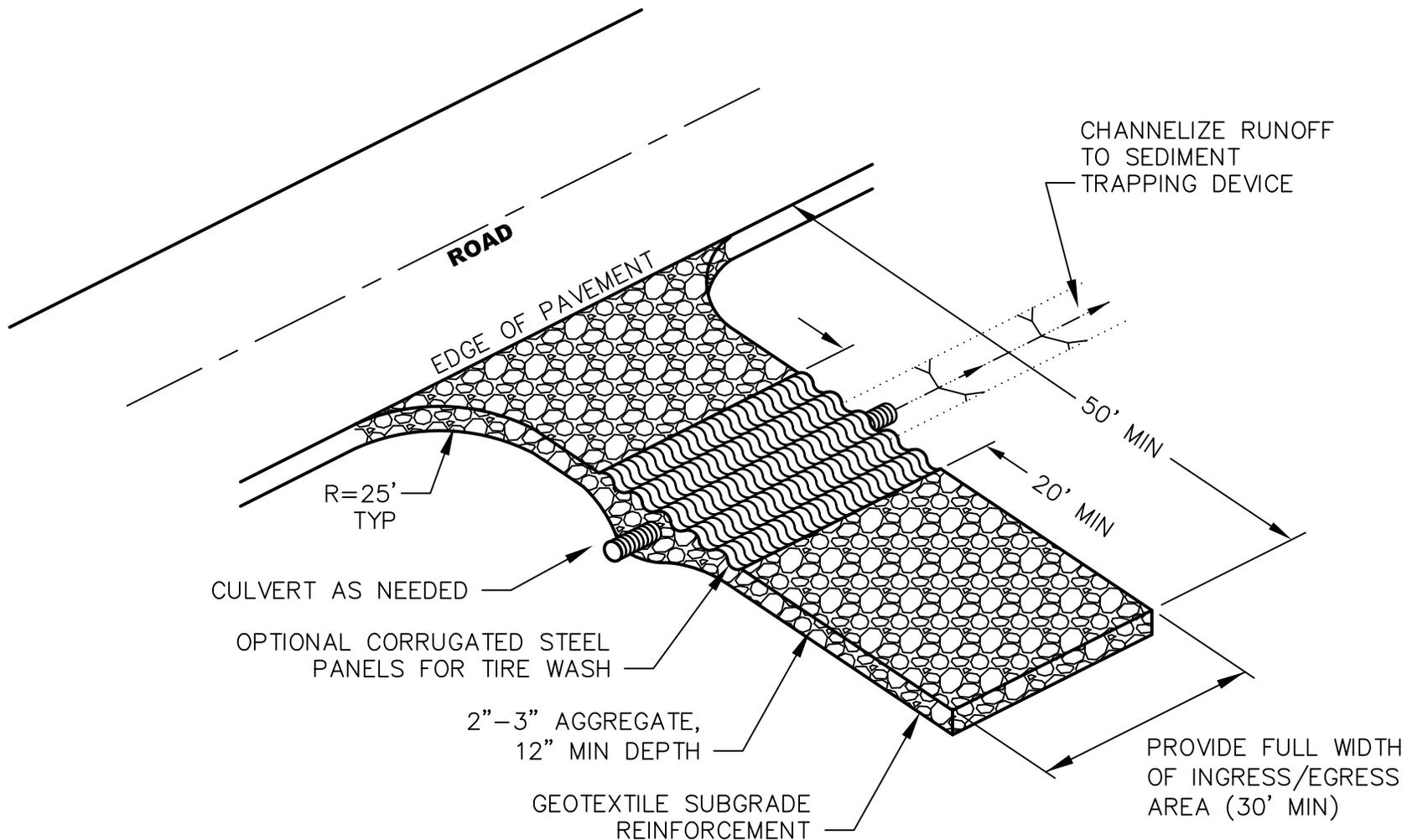
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# STABILIZED CONSTRUCTION ENTRANCE



## NOTES:

1. A STABILIZED CONSTRUCTION ENTRANCE SHALL BE USED AT ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS.
2. THE AGGREGATE SHALL BE 2" - 3" CRUSHED ROCK.
3. THE ENTRANCE SHALL BE PROPERLY GRADED TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.
4. THE ENTRANCE SHALL BE CONSTRUCTED ON LEVEL GROUND.
5. PERIODIC TOP DRESSING WITH ADDITIONAL STONE SHALL BE PROVIDED TO ENSURE THE INTEGRITY OF THE ENTRANCE DURING CONSTRUCTION.
6. CONTRACTOR TO MAINTAIN CONSTRUCTION ENTRANCE AT ALL TIMES.
7. CRUSHED ROCK MATERIAL SHALL BE ADDED WHEN SURFACE VOIDS ARE NOT VISIBLE.
8. ALL SEDIMENT DEPOSITS ON PAVED ROADWAYS SHALL BE REMOVED WITHIN 24 HOURS.
9. THE CRUSHED ROCK AND GEOTEXTILE SHALL BE REMOVED AT COMPLETION OF CONSTRUCTION.

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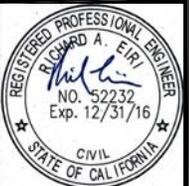
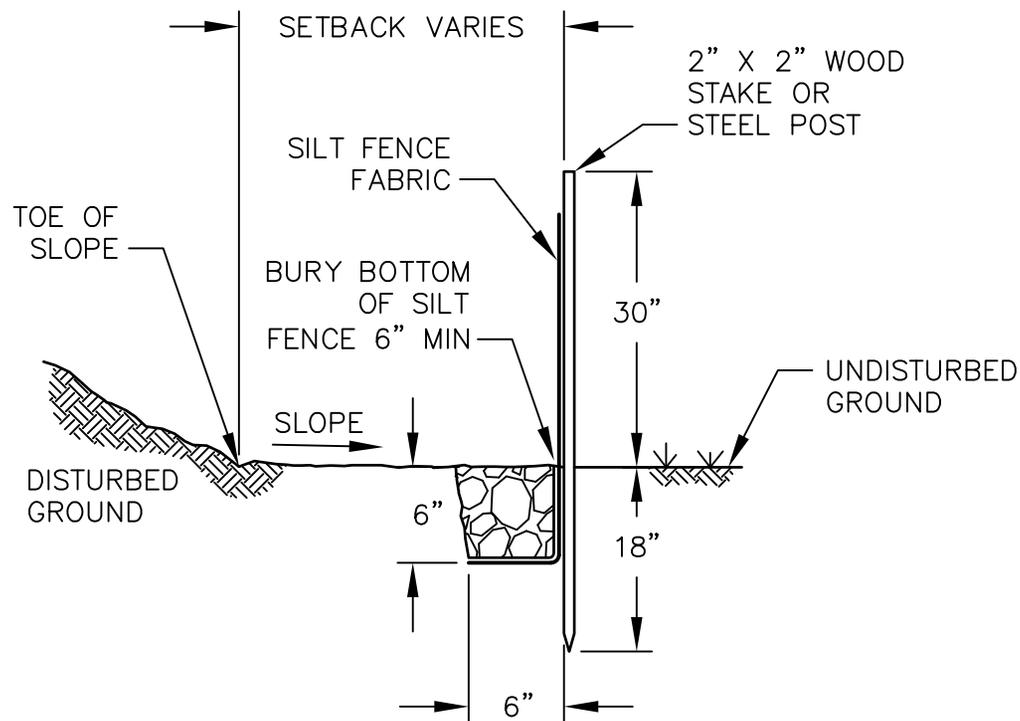


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# SILT FENCE



## NOTES:

1. DO NOT USE IN STREAMS, CHANNELS, DRAIN INLETS, OR ANYWHERE FLOW IS CONCENTRATED. DO NOT USE TO DIVERT FLOW.
2. THE MAXIMUM LENGTH OF SLOPE DRAINING TO ANY POINT ALONG THE SILT FENCE SHALL BE 200'.
3. SILT FENCE FABRIC SHALL BE WOVEN POLYPROPYLENE; WIDTH = 36" MIN, TENSILE STRENGTH = 100 LB MIN.
4. THE FOLLOWING CRITERIA IS RECOMMENDED FOR SELECTION OF THE FABRIC EQUIVALENT OPENING SIZE (EOS):
  - A. IF 50% OR LESS OF THE SOIL, BY WEIGHT, WILL PASS THE U.S. STANDARD SIEVE NO. 200, SELECT THE EOS TO RETAIN 85% OF THE SOIL. THE EOS SHALL NOT BE FINER THAN EOS70.
  - B. FOR ALL OTHER SOIL TYPES, THE EOS SHALL BE NO LARGER THAN THE OPENINGS IN THE U.S. STANDARD SIEVE NO. 70 EXCEPT WHERE DIRECT DISCHARGE TO A STREAM, LAKE, OR WETLAND WILL OCCUR, THEN THE EOS SHALL BE NO LARGER THAN STANDARD SIEVE NO. 100.
5. CONNECTION/JOINING OF SILT FENCES SHALL BE COMPLETED BY TIGHTLY OVERLAPPING THE ENDS OF THE ROLLS A MINIMUM OF 12" OR BY OVERLAPPING THE END POSTS AND SECURING THE TWO POSTS TOGETHER TIGHTLY WITH PLASTIC WIRE TIES AND/OR STEEL BAILING WIRE (9 GAUGE OR HEAVIER).
6. STAKES SHALL BE SPACED AT 8'-0" MAX AND SHALL BE POSITIONED ON DOWNSLOPE SIDE OF FENCE.
7. STAPLES USED TO FASTEN THE FENCE FABRIC TO THE STAKES SHALL BE NOT LESS THAN 1.25" LONG AND SHALL BE FABRICATED FROM 15 GAUGE OR HEAVIER WIRE. PLASTIC WIRE TIES AND/OR STEEL BAILING WIRE (9 GAUGE OR HEAVIER) MAY BE SUBSTITUTED. NOT LESS THAN 4 STAPLES/TIES SHALL BE USED ON EACH STAKE.
8. THE LAST 8' OF FENCE SHALL BE TURNED UPSLOPE.
9. SILT FENCES SHALL BE LEFT IN PLACE, REGULARLY INSPECTED, AND MAINTAINED UNTIL THE UPSLOPE AREA IS PERMANENTLY STABILIZED.
10. SEDIMENT SHALL BE REMOVED BEFORE THE SEDIMENT ACCUMULATION REACHES ONE-THIRD OF THE BARRIER HEIGHT.

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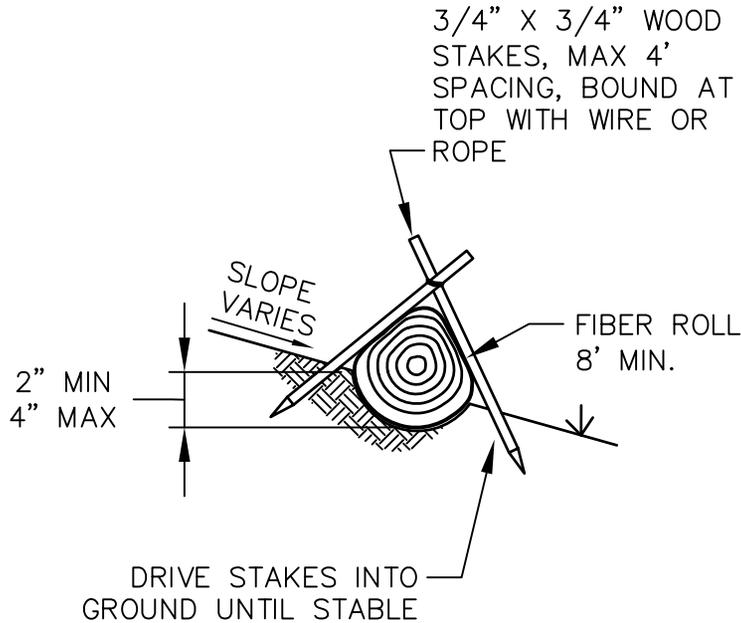


PLATE  
**204**

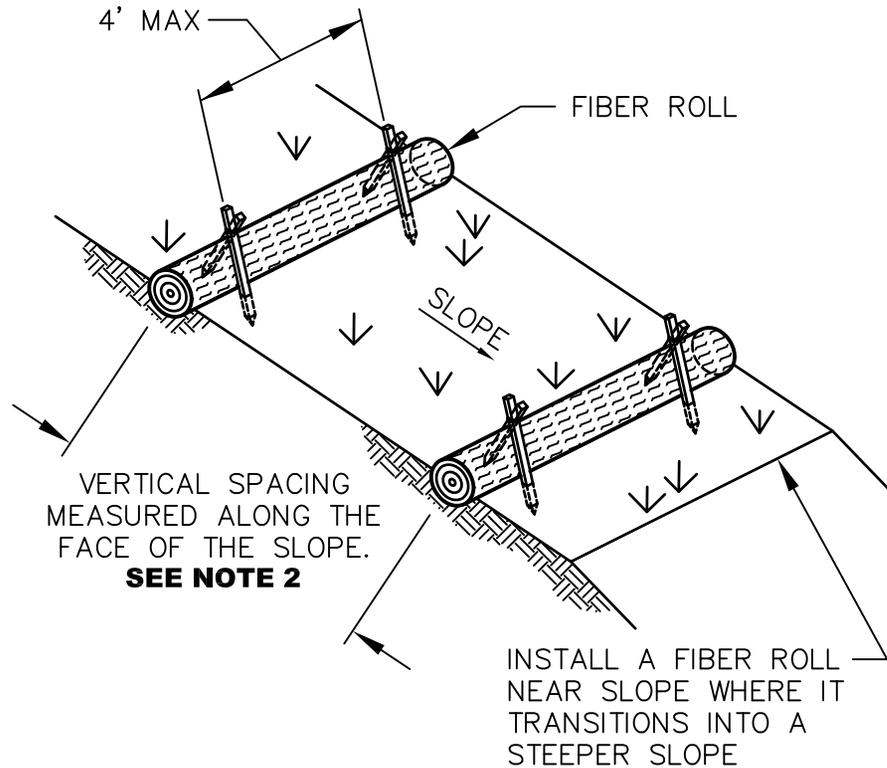


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# FIBER ROLL INSTALLATION ON SLOPES



## STAKING AND ENTRENCHMENT DETAIL



## TYPICAL FIBER ROLL INSTALLATION

### NOTES:

1. FIBER ROLLS SHOULD CONSIST OF STRAW, FLAX, WOOD EXCELSIOR OR COCONUT FIBERS BOUND IN A TIGHT TUBULAR ROLL.
2. LOCATE FIBER ROLLS ON LEVEL CONTOURS SPACED AS FOLLOWS:
  - SLOPE INCLINATION OF 4:1 (H:V) OR FLATTER: FIBER ROLLS SHOULD BE PLACED AT A MAXIMUM INTERVAL OF 20 FT.
  - SLOPE INCLINATION BETWEEN 4:1 AND 2:1 (H:V): FIBER ROLLS SHOULD BE PLACED AT A MAXIMUM INTERVAL OF 15 FT.
  - SLOPE INCLINATION OF 2:1 (H:V) OR GREATER: FIBER ROLLS SHOULD BE PLACED AT A MAXIMUM INTERVAL OF 10 FT.
3. TURN THE ENDS OF THE FIBER ROLL UP SLOPE TO PREVENT RUNOFF FROM GOING AROUND THE ROLL.
4. IF MORE THAN ONE FIBER ROLL IS PLACED IN A ROW, THE ROLLS SHOULD BE OVERLAPPED, NOT ABUTTED.
5. FIBER ROLLS MAY BE USED FOR DRAINAGE INLET PROTECTION IF PROPERLY ANCHORED.
6. SEDIMENT SHOULD BE REMOVED WHEN SEDIMENT ACCUMULATION REACHES ONE-HALF THE SEDIMENT STORAGE DEPTH.

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