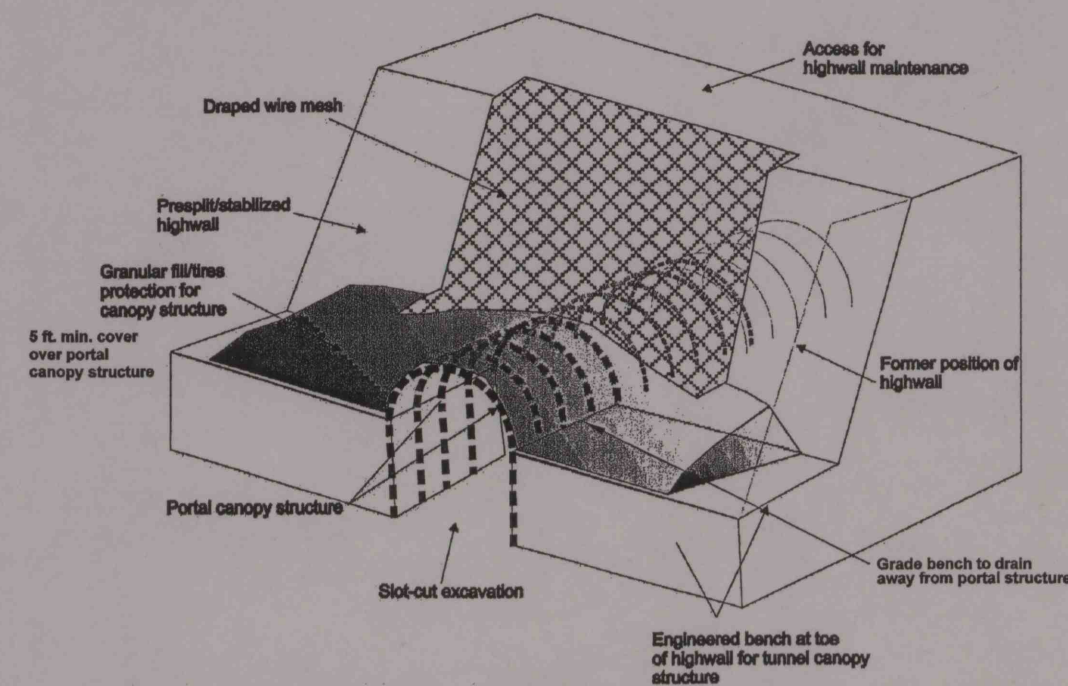


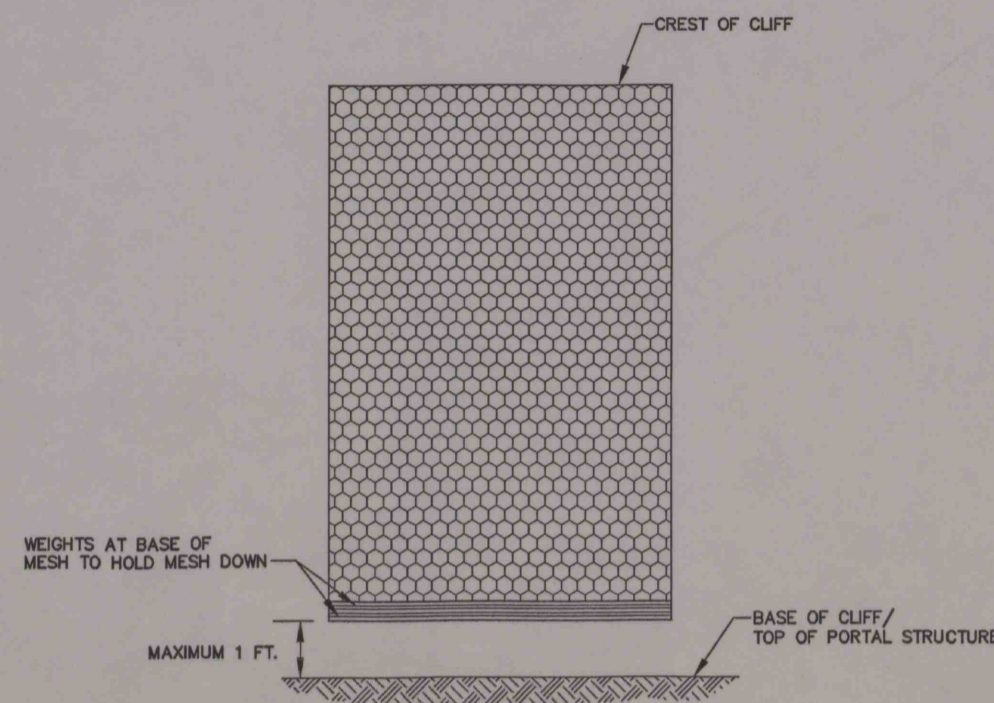
PLAN VIEW OF ANCHOR DOWEL INSTALLATION

N.T.S.



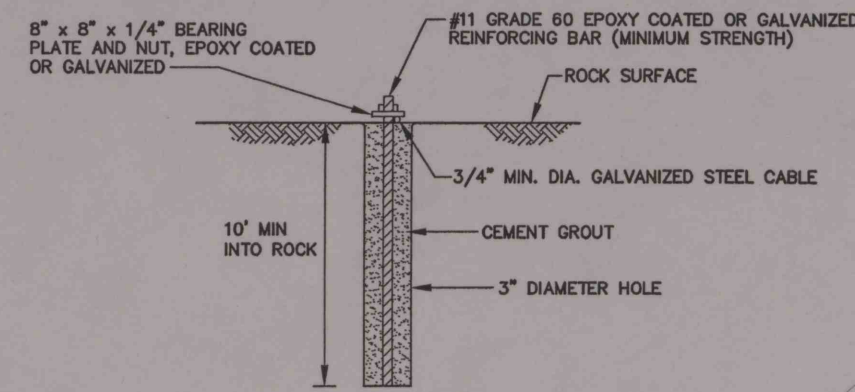
ISOMETRIC VIEW OF TUNNEL PORTAL ELEMENTS

N.T.S.

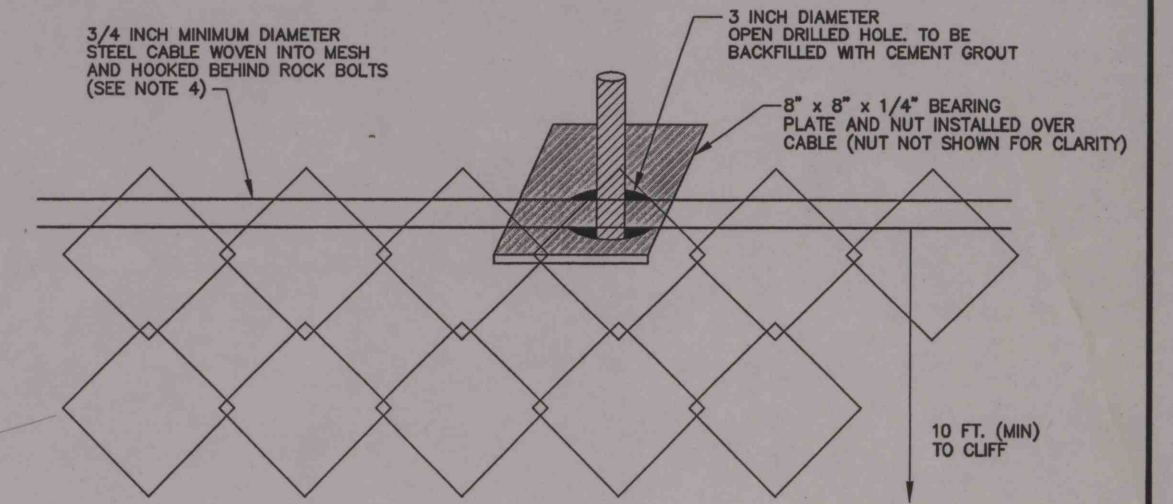


FACE VIEW OF WEIGHTS AT BASE OF MESH

N.T.S.



CROSS SECTION

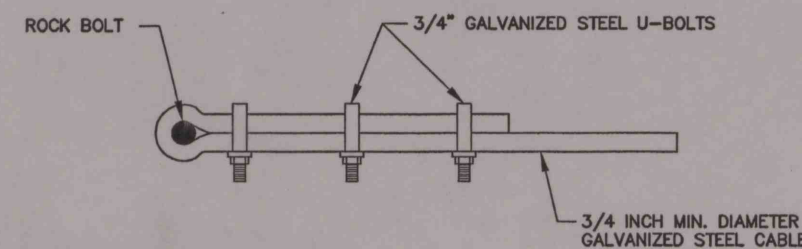


PLAN VIEW

1
5 8

DETAIL 1

N.T.S.

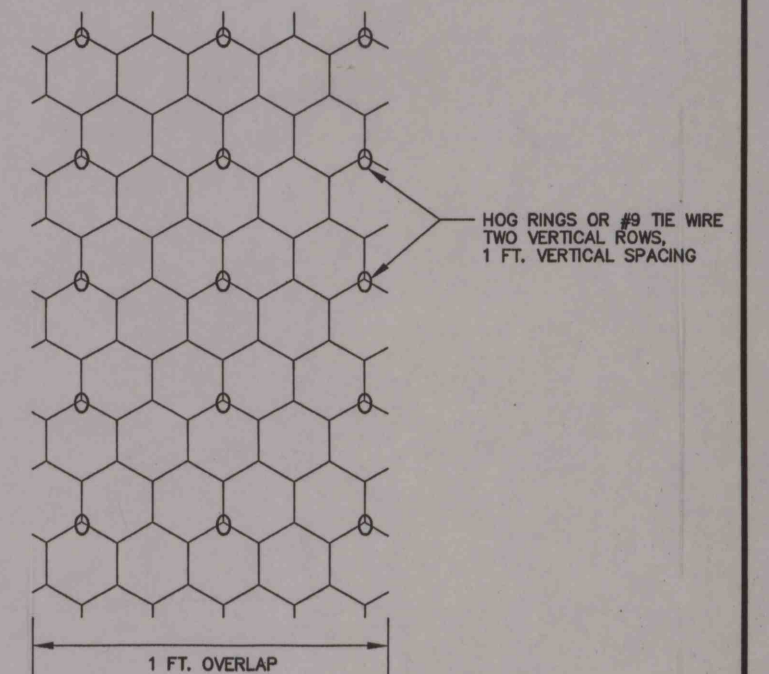


NOTE: THE HORIZONTAL CABLE SHALL BE CONNECTED, AS SHOWN IN THIS DETAIL, TO EVERY FOURTH ROCK BOLT (APPROX. 24 FT.) AT A MAXIMUM.

2
5 8

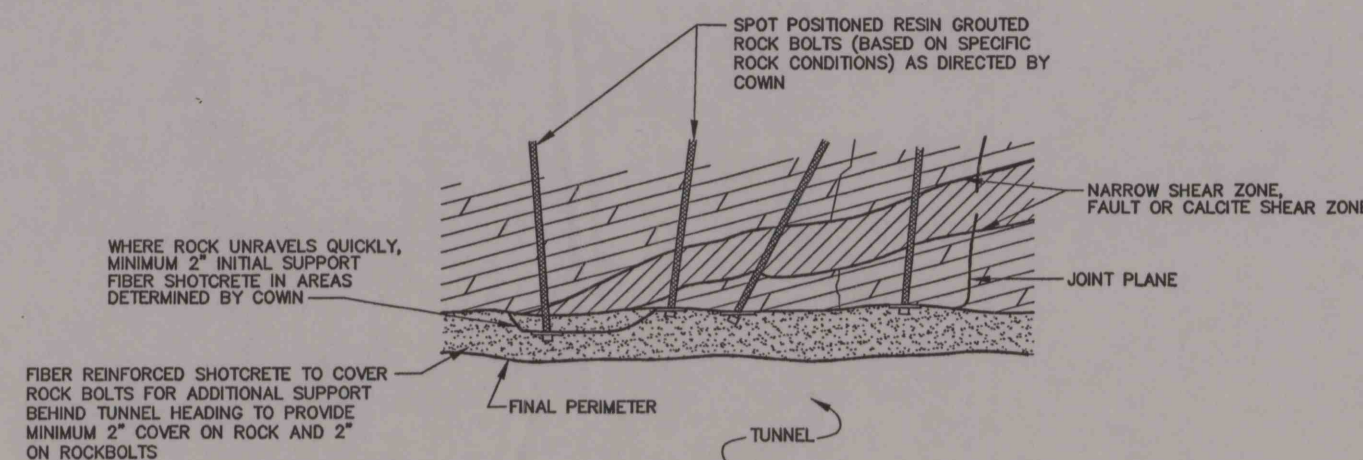
DETAIL 2

N.T.S.



OVERLAP, VERTICAL STRIPS

N.T.S.



ROCK SUPPORT FOR NARROW SHEAR ZONE, FAULT OR CALCITE ZONE

N.T.S.

5
6 8

THIS DESIGN IS BASED ON THE SUBSURFACE CONDITIONS DESCRIBED IN GOLDER ASSOCIATES' REPORT TITLED "GEOTECHNICAL FEASIBILITY REPORT", DATED AUGUST 1998. IF ACTUAL SUBSURFACE CONDITIONS ENCOUNTERED DURING CONSTRUCTION ARE DIFFERENT THAN THOSE DESCRIBED IN THE "GEOTECHNICAL FEASIBILITY REPORT" OR SHOWN ON THE CONSTRUCTION DRAWINGS, GOLDER ASSOCIATES SHALL BE NOTIFIED AND GIVEN THE OPPORTUNITY TO REVIEW, AND IF APPROPRIATE, MODIFY THE DESIGN. LIKEWISE, IF QUESTIONS ARISE WITH RESPECT TO THE INTERPRETATION OF THE DESIGN BY ANY PARTY, GOLDER ASSOCIATES SHALL BE NOTIFIED AND GIVEN THE OPPORTUNITY TO PROVIDE CLARIFICATION.



1/8/02

NOTES:

1. MESH DRAPED OVER CLIFF, NOT ATTACHED TO FACE.
2. MESH TO EXTEND TO WITHIN 1 FT. OF GROUND SURFACE.
3. SIDE LAPS ARE TO BE AS SHOWN IN DETAILS ABOVE. NO END LAPS PERMITTED.
4. MESH TO MEET REQUIREMENTS IN SPECIFICATION 02341.
5. ROCK FALL DEBRIS AT BASE OF MESH SHOULD BE REMOVED PERIODICALLY TO PREVENT BUILDUP OF DEBRIS ON PORTAL CANOPY STRUCTURE.

