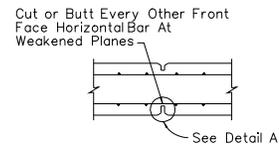
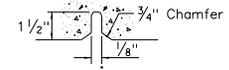


WALL EXPANSION JOINTS AND WEAKENED PLANES



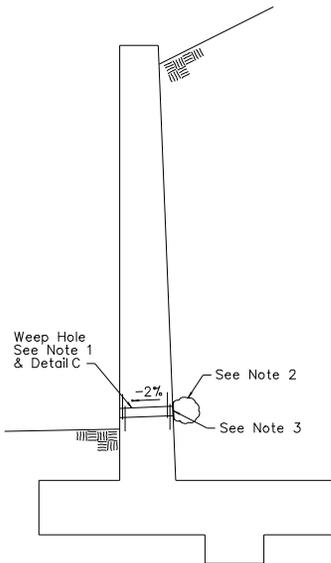
SECTION

Joint May Be Formed With 1/8" Hardboard and Cut Back to the Root of the Chamfer On the Exposed Face.



DETAIL A

WEAKENED PLANES



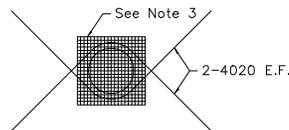
WEEP HOLE



PLAN OF WALL WITH EXPANSION JOINT ONLY



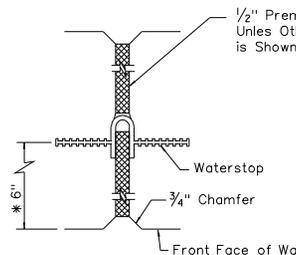
PLAN OF WALL WITH EXPANSION JOINT AND WATERSTOP



DETAIL C

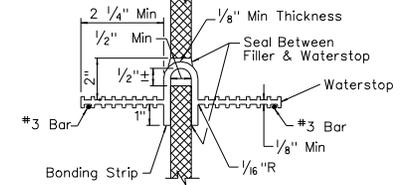
WEEP HOLE NOTES:

1. 4" Dia. Drains At 25' Maximum Center to Center. Exposed Drains Shall Be Located 3"± Above Finish Grade.
2. 2 Cubic Feet of Type 2 Drain Backfill Encapsulated In a Geotextile Fabric Securely Tied. Geotextile Shall Meet the Following:
 - a) Meet At Least Class 2 Strength Requirement Per AASHTO M288 Test Method.
 - b) Have An AOS Not Greater Than U.S. Sieve No. 40.
 - c) Have a Permittivity of At Least 0.5 Sec⁻¹.
3. 6" Square Aluminum or Galvanized Steel Wire Mesh Hardware Cloth (4 Openings Per Inch and Minimum Wire Diameter 0.03").



WALL EXPANSION JOINT WITH WATERSTOP

* For Wall Thickness Less Than 12", Use 1/2 the Wall Thickness



WATERSTOP

WATERSTOP NOTES:

Holes Will Be Permitted in the Outer 1/2" of the Web For Wire, Rings, etc. Tie Web to No.3 Reinforcing Bars @ 16" Maximum Intervals to Support the Waterstop in Proper Position During Concrete Placement. Alternative Detail May Be Submitted For Approval of the Engineer.

Waterstop to Have 5 or More Pairs of Raised Ribs to Provide 0.1 Square Inches Minimum Rib Cross-Section Area On Each Half of the Waterstop.

NEVADA DEPARTMENT OF TRANSPORTATION

CANTILEVER CONCRETE RETAINING WALL DETAILS No. 2

Signed Original On File	B-30.1.4 (502)
CHIEF BRIDGE ENGINEER	ADOPTED 12/02 REVISION 6/04