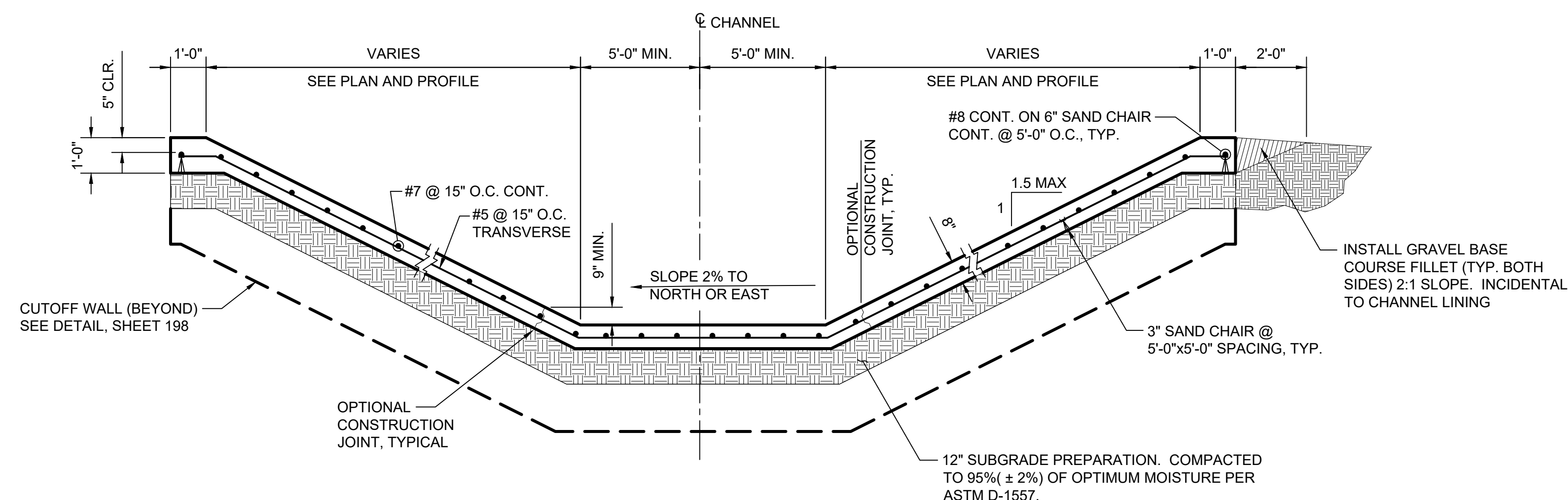
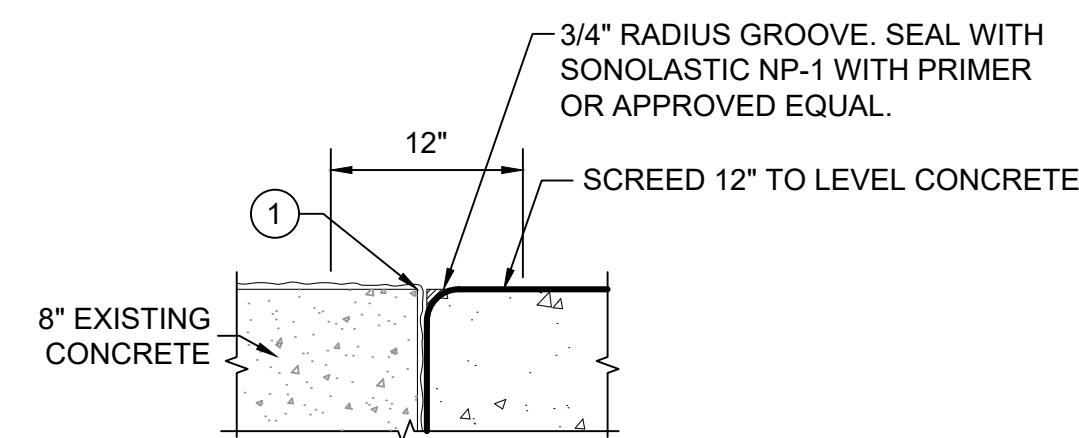


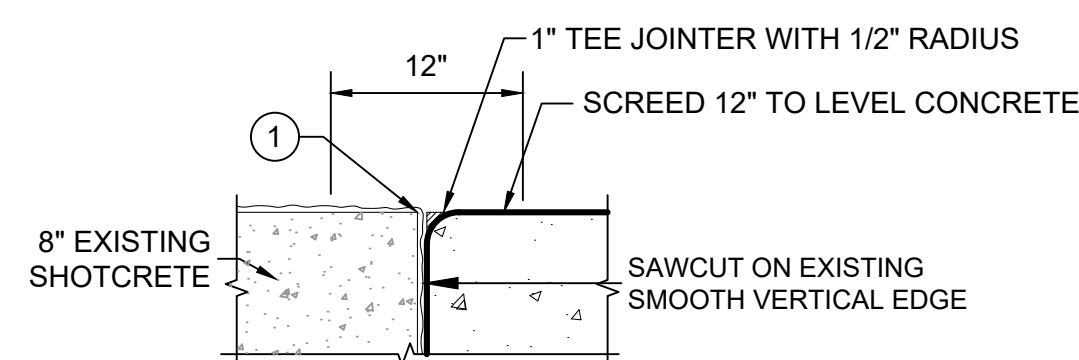
TYPICAL CHANNEL SECTION



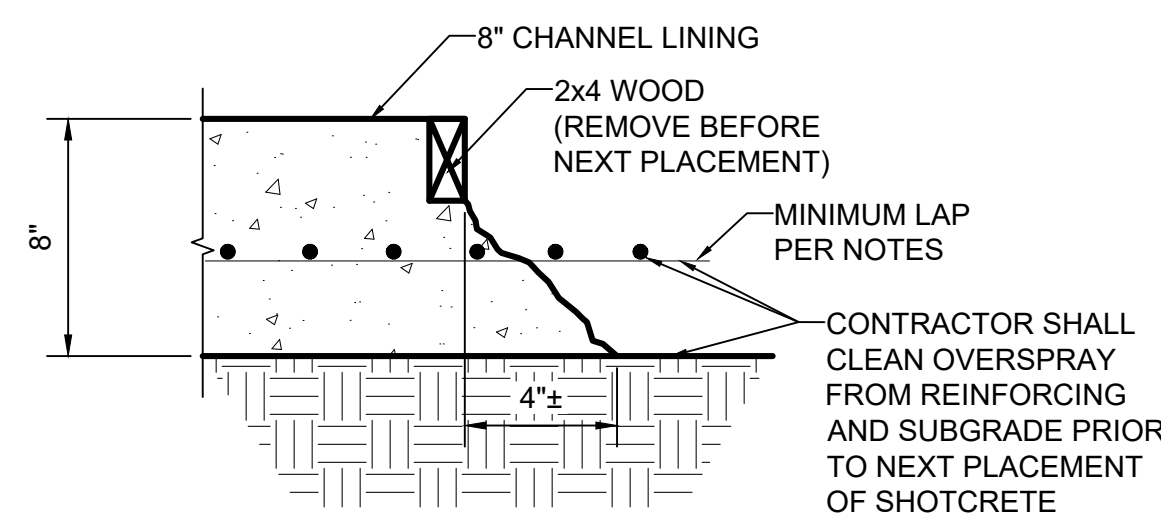
SHOTCRETE CHANNEL LINING



STANDARD PLACED CONCRETE TO NEW SHOTCRETE JOINT DETAIL



EXISTING SHOTCRETE TO NEW SHOTCRETE



8\"/>

NOTES FOR SHOTCRETE CHANNEL CONSTRUCTION

- SHOTCRETE: CONCRETE SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS. ($f_c = 4000$ psi MIN.). $3/4$ " CHAMFER ON ALL EXPOSED FORMED EDGES UNLESS NOTED OTHERWISE. SEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, SECTION 509 AND 510 AND AMAFCA NMDOT STS 625 AS CURRENTLY MODIFIED AND ACCEPTED BY AMAFCA.
- REINFORCING STEEL: STEEL REINFORCEMENT AND PLACEMENT SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS AND SHALL CONFORM TO ASTM A615, GRADE 60. ALL LAP SPLICES SHALL BE CLASS "B" UNLESS NOTED OTHERWISE. REINFORCING STEEL SHALL BE INCIDENTAL TO CONCRETE BID ITEMS. SEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, SECTION 540 AS CURRENTLY MODIFIED AND ACCEPTED BY AMAFCA.
- IF REQUIRED ALL EXPOSED CONCRETE SHALL BE TINTED WITH SAN DIEGO BUFF (DAVIS COLOR 5237) AT THE REDUCED DOSAGE OF 1 LB PER SACK OF CEMENT, OR APPROVED EQUAL. TINT SHALL BE INCIDENTAL TO THE COST OF THE RESPECTIVE CONCRETE.
- NEW TO EXISTING CHANNEL CONSTRUCTION: EUCCO ARC LITHIUM NITRATE OR APPROVED EQUAL TREATMENT IS REQUIRED FOR ANY EXISTING CONCRETE CHANNELS. SEE DETAILS FOR INSTALLATION REQUIREMENTS, THIS SHEET.
- WHERE LAP SPLICES IN REINFORCING OCCUR, THE MINIMUM LAP SHALL BE MADE AS FOLLOWS UNLESS OTHERWISE NOTED:

BAR SIZE	LAP SPLICE LENGTH
#4	2'-0"
#5	2'-6"
#6	3'-0"
#7	3'-6"
#8	4'-6"
- THE EARTH SIDE OF SILL WALLS SHALL BE WATERPROOFED AT IRRIGATED AREAS AND DAMP PROOFED AT ALL OTHER AREAS. WATERPROOFING SHALL BE CONWRAP BARRIER CS-212 AS MANUFACTURED BY CONCRETE SEALANTS, INC. (MEMBRANE THICKNESS 0.100 INCHES MINIMUM) OR APPROVED EQUAL. DAMP PROOFING SHALL BE HYDROCID 700B OR APPROVED EQUAL.
- ALL OTHER CONCRETE JOINTS AND CONNECTIONS NOT IDENTIFIED ON THIS SHEET SHALL BE PER AMAFCA DETAIL 198.

KEYED NOTES

- EUCCO ARC LITHIUM NITRATE COATING OR APPROVED EQUAL APPLIED TO VERTICAL SURFACE AND 12" OF TOP SURFACE OF EXISTING CONCRETE TO REMAIN.