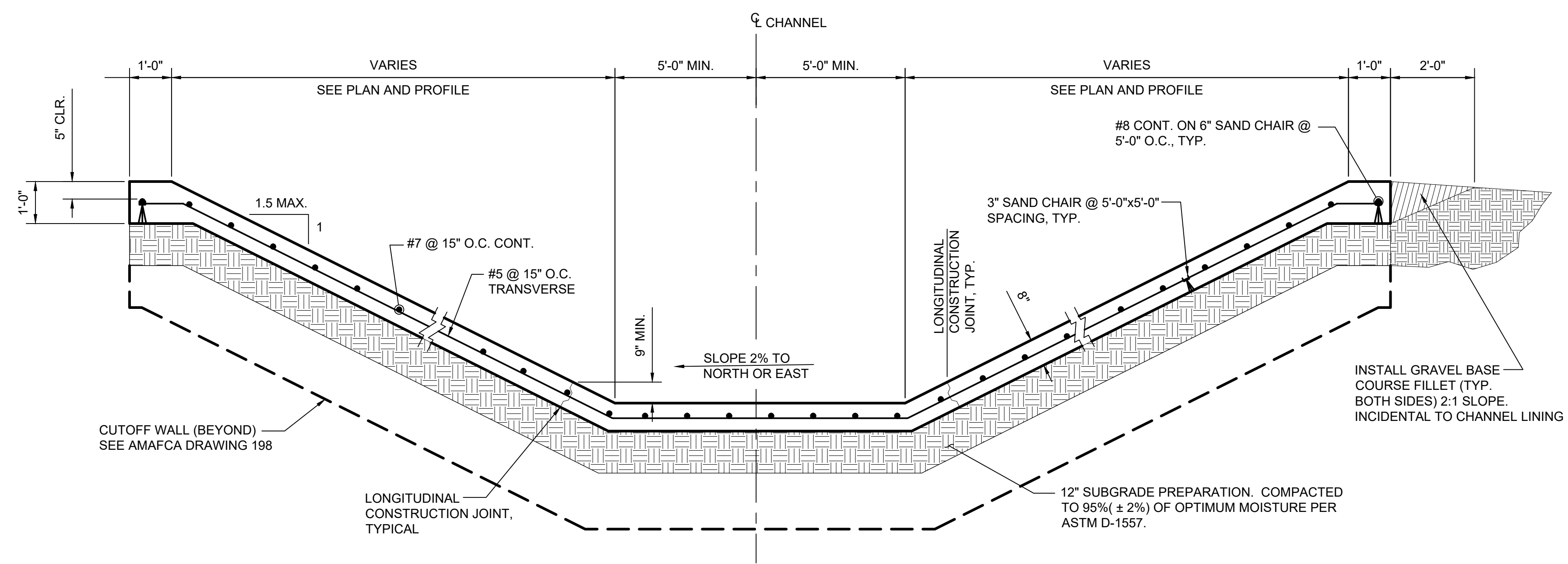


TYPICAL CHANNEL SECTION



CONCRETE CHANNEL LINING

NOTES FOR CHANNEL CONSTRUCTION

- CAST-IN-PLACE CONCRETE: 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 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.
- ALL EXPOSED CHANNEL SURFACES SHALL BE GIVEN A CLASS 3 FLOAT & BROOMED OR TINE FINISH, AT AMAFCA'S DIRECTION. IF TINE FINISH, TINE SHALL BE TRANSVERSE TO FLOW.
- 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.
- 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"
- ALL CONCRETE JOINTS AND CONNECTIONS SHALL BE PER AMAFCA DETAIL 198.