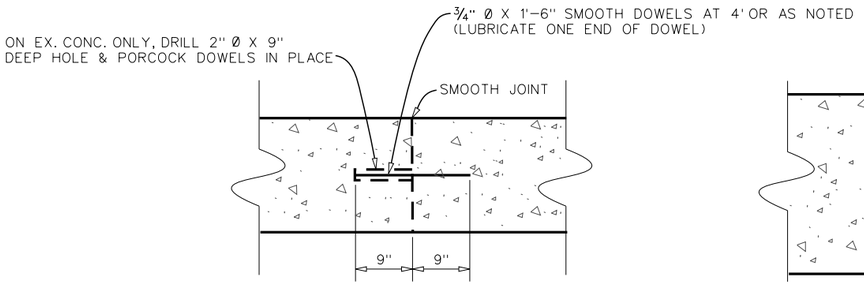
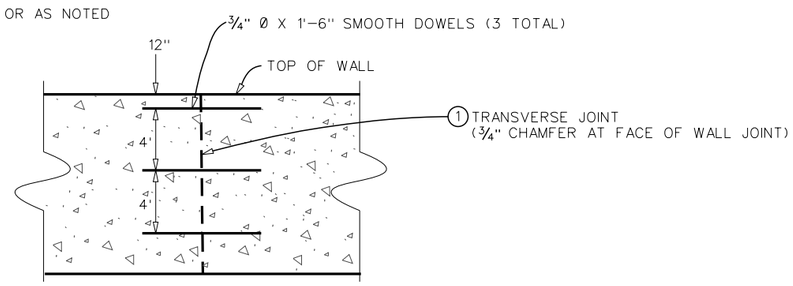
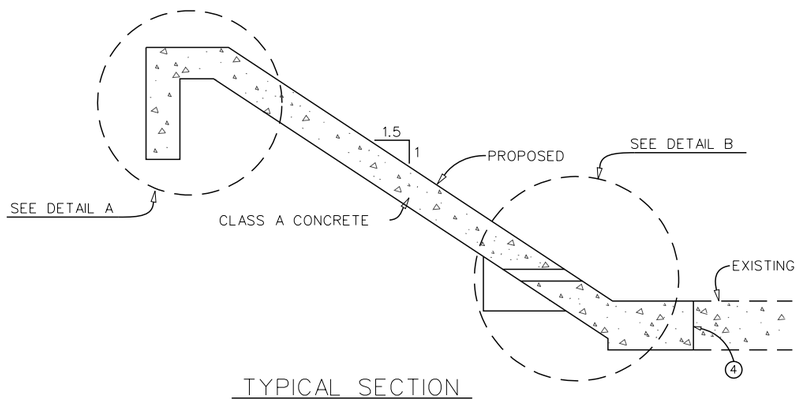
SAN SEVAINE CHANNEL, STAGE 3 REPAIRS



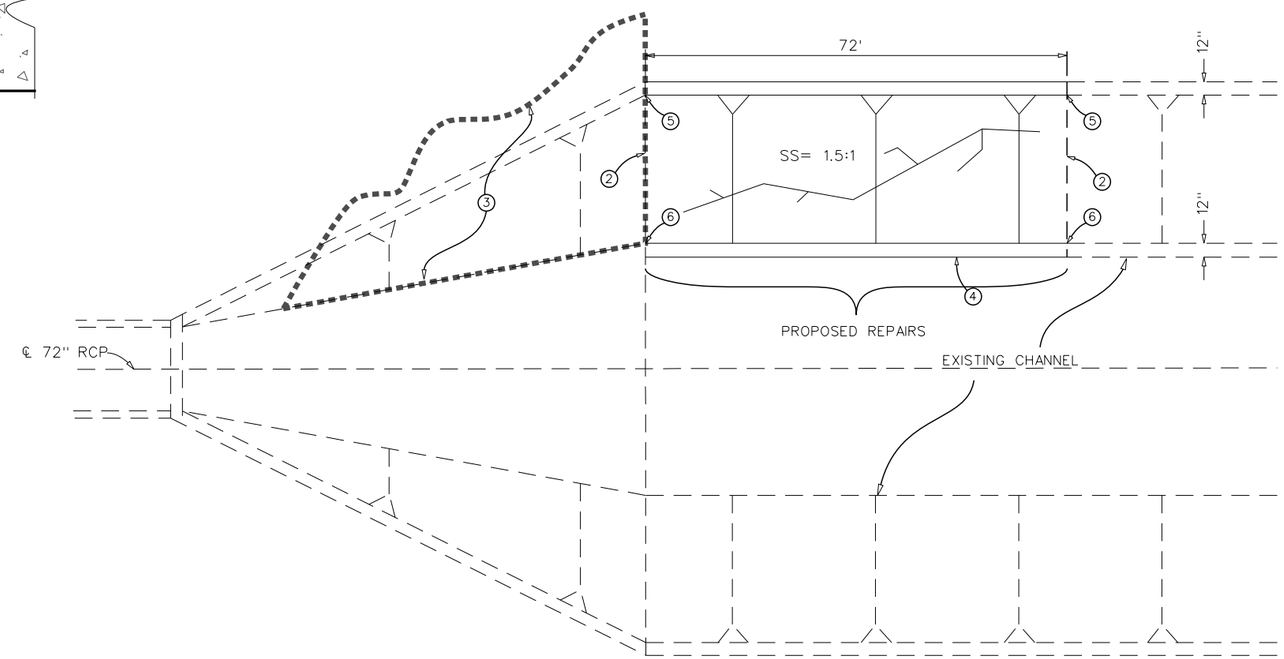
TYP. DOWEL DETAIL
(NTS)



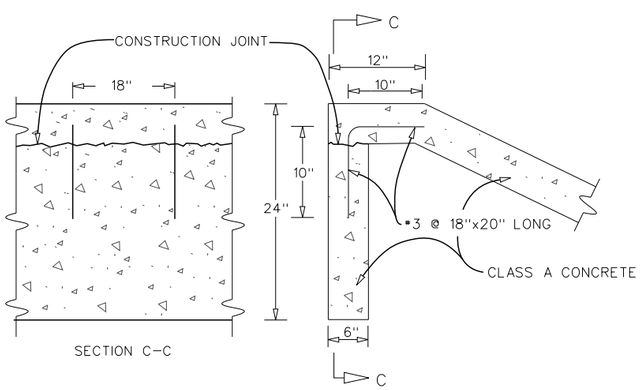
DOWEL LAYOUT
(IN WALL)
(NTS)



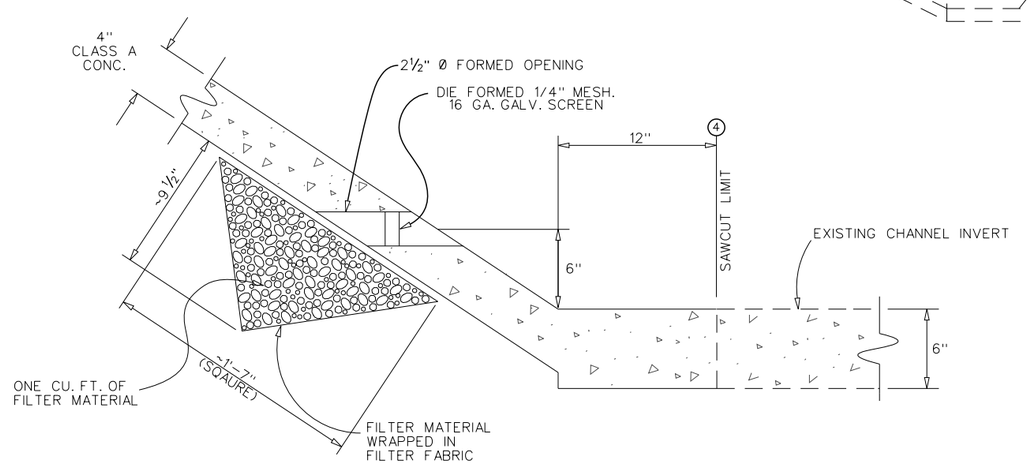
TYPICAL SECTION
(NTS)



PLAN VIEW
(NTS)



2' CUT-OFF WALL
DETAIL A
(NTS)



TYP. LONGITUDINAL CONSTRUCTION JOINT AND WEEPHOLE
DETAIL B
(NTS)

NOTES

1. TRANSVERSE CONSTRUCTION JOINT OR WEAKENED PLANE JOINT ARE REQUIRED IN SIDE WALLS A MINIMUM SPACING OF 10', EXCEPT FOR 2 JOINTS THAT SHALL BE SPACED 6' APART TO ALLOW FOR AN OVERALL LENGTH OF 72'.
2. TIE INTO EXISTING CONCRETE CHANNEL BY INSTALLING DOWEL PER DETAIL THIS SHEET.
3. APPROXIMATE LIMITS OF VOID AREA BEHIND CHANNEL AND ADJACENT ACCESS ROAD. CONTRACTOR TO VERIFY IN THE FIELD.
4. SAWCUT EXISTING CHANNEL.
5. MATCH EXISTING TOP OF CONCRETE CHANNEL SLOPE.
6. MATCH EXISTING CONCRETE CHANNEL TOE OF SLOPE.

CLASS A CONCRETE SHALL BE MINIMUM 6 SACKS CEMENT/C.Y. WITH A 28 DAY COMPRESSIVE STRENGTH OF 3250 PSI. ALL MATERIALS AND METHODS SHALL CONFORM TO SECTIONS 51 & 90 OF THE STATE STANDARD SPECIFICATIONS. COMBINED AGGREGATE GRADING SHALL BE A MAXIMUM OF 1". FLY ASH, CLASS F MAY BE SUBSTITUTED FOR CEMENT, UP TO A MAXIMUM OF 15 PERCENT BY WEIGHT FOR ALL CONCRETE. REINFORCING STEEL SHALL BE GRADE 60 LOW-ALLOY OR GRADE 60 BILLET-STEEL.