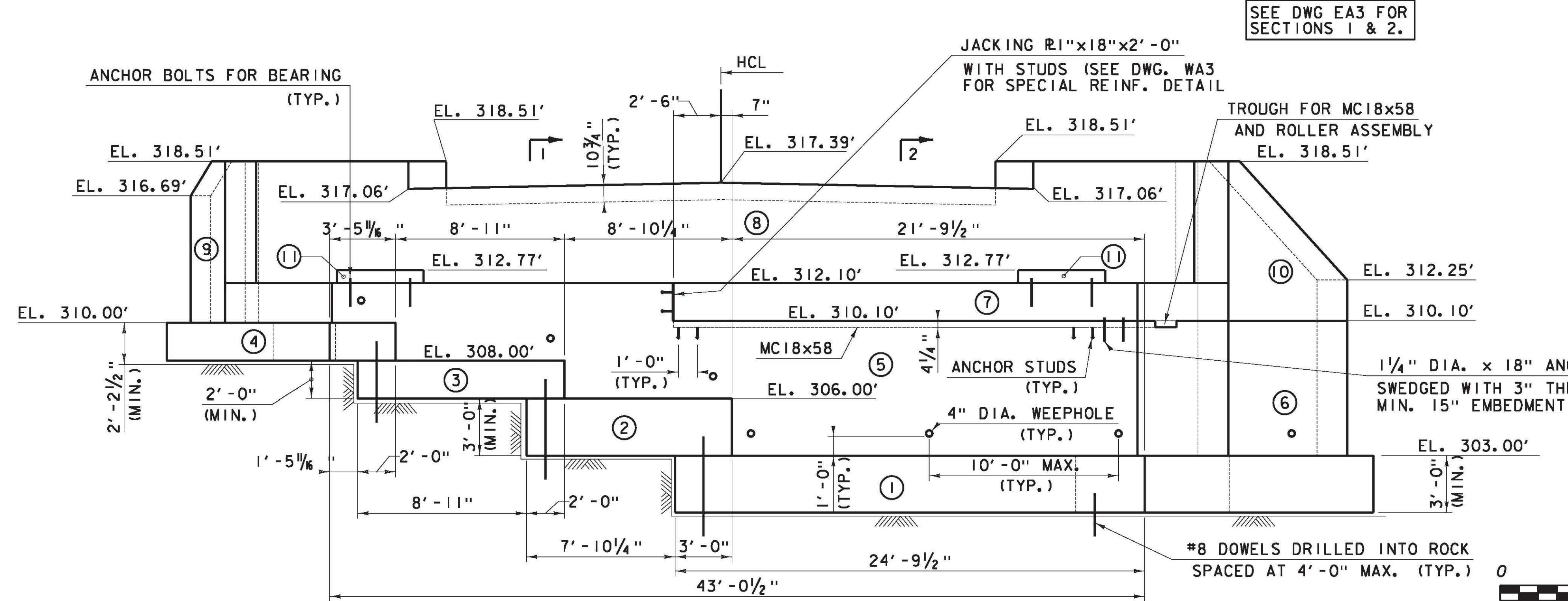


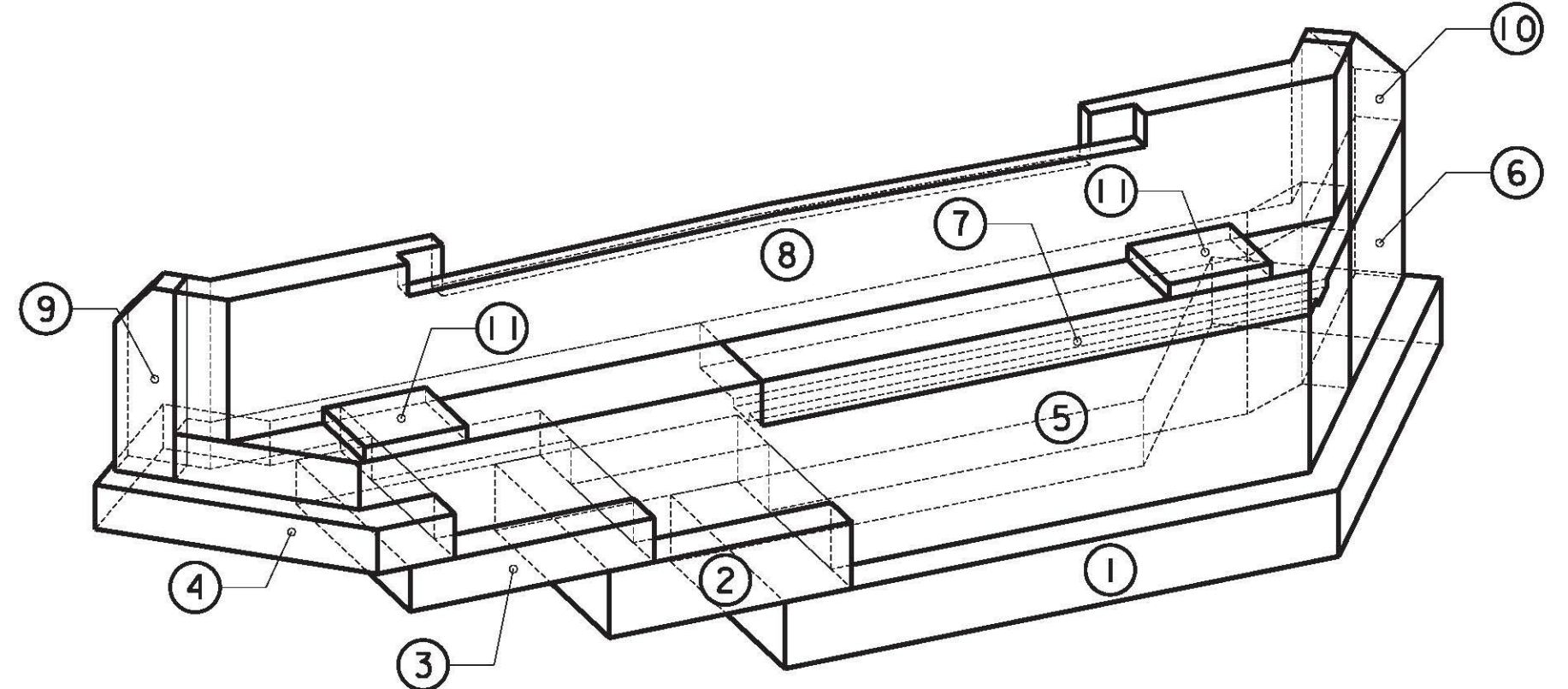
WEST ABUTMENT - PLAN



WEST ABUTMENT - ELEVATION

CONCRETE TABLE	
POUR #	QUANTITY
①	45.8 CY
②	13.3 CY
③	8.9 CY
④	7.7 CY
⑤	59.7 CY
⑥	5.5 CY
⑦	12.7 CY
⑧	21.1 CY
⑨	1.1 CY
⑩	4.3 CY
⑪	1.0 CY

ITEM#	ITEM	EST. QUANTITY
501.30	CONCRETE, HIGH PERFORMANCE, CLASS B	181.5 CY



WEST ABUTMENT - ISOMETRIC VIEW
NOT TO SCALE

NOTES:

ALL PORTIONS OF THE SUBSTRUCTURE EXCEPT SUB-FOOTING SHALL BE "CONCRETE, HIGH PERFORMANCE - CLASS B"

TOP OF FOOTING ELEVATIONS WERE SET BASED ON INFORMATION AVAILABLE ON RECORD PLANS. IF THE TOP OF LEDGE IS 1'-0" BELOW BOTTOM OF DESIGN FOOTING, THE CONTRACTOR MAY ELECT TO USE A SUB-FOOTING USING "CONCRETE, CLASS C" WITHOUT REINFORCING. THIS SUB-FOOTING SHALL HAVE LIMITS OF 1'-0" BEYOND THAT SHOWN FOR THE DESIGN FOOTING ON ALL SIDES.

IF THE TOP OF LEDGE IS GREATER THAN 6" ABOVE BOTTOM OF DESIGN FOOTING THE TOP OF FOOTING ELEVATION SHALL BE RAISED ACCORDINGLY TO MAINTAIN MINIMUM FOOTING THICKNESS.

#8 DOWELS SHALL BE DRILLED AND GROUTED INTO THE LEDGE AS SHOWN ON THE PLANS. DOWELS SHALL HAVE A 2'-0" MIN. EMBEDMENT INTO LEDGE AND EXTEND INTO DESIGN FOOTING 1'-6". IF THERE IS A SUB-FOOTING THE DOWEL SHALL EXTEND THROUGH THE SUB-FOOTING INTO THE DESIGN FOOTING.

TOP OF SEAT ELEVATION MAY VARY BASED ON FINAL BEARING CONFIGURATION.

WEST ABUTMENT PLAN AND ELEVATION	
PROJECT NAME: RICHMOND	PROJECT NUMBER: STP-RS 0284(III)
FILE NAME: z90c092 obf d10l.dgn	PLOT DATE: 3/14/2013
PROJECT LEADER: DJV	DRAWN BY: PKR
DESIGNED BY: DJV	CHECKED BY: VC/KM
DWG. NO.: WAI	SHEET 4 OF 10



FILE NAME: V:\projects\161\161\BRIDGE\WORK\161\161\BRIDGE DESIGN\161\161\161.dgn
DATE/TIME: 3/14/2013 10:35:33
USER: 3253