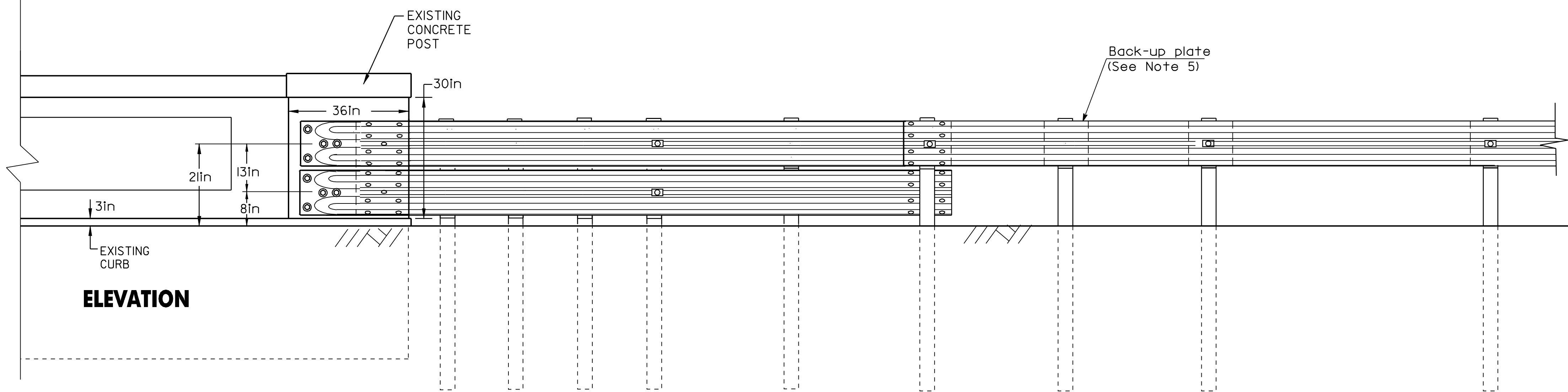
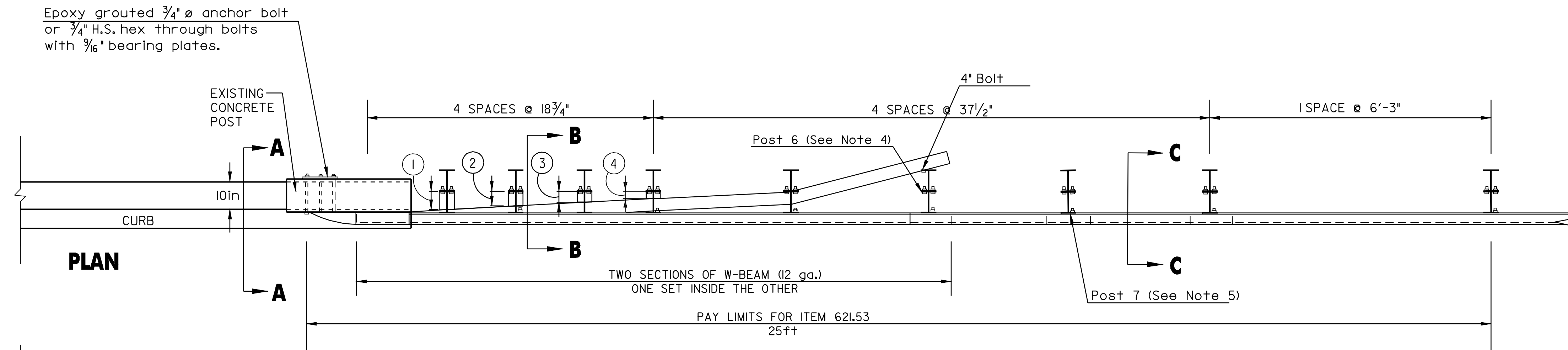


NOTES

1. THIS GUARD RAIL TRANSITION IS FOR CONNECTION TO A VERTICAL CONCRETE BRIDGE AND SHOULD NOT BE CONNECTED DIRECTLY TO A CONCRETE SAFETY SHAPE.
2. BOTTOM BEAM BLOCKS ARE OFFSET DRILLED TO SIT SQUARELY ON THE POST FLANGE. BLOCKS ARE ATTACHED WITH 3/8" CARRIAGE BOLTS.
3. THE RUBRAIL MAY BE SHOP BENT IN THE LAST 3 FEET TO FACILITATE INSTALLATION.
4. POSTS 1, 2, 3, 4, AND 6 REQUIRE AN ADDITIONAL HOLE TO ATTACH LOWER BLOCKS AND OR LOWER BEAM.
5. AT POST 7, BACK-UP PLATE BOLTED TO BLOCK ONLY.
6. POSTS WILL BE 6 FT STEEL POSTS.



BOTTOM BEAM WOOD BLOCKS	
14" x 4 1/2"	
POST #	THICKNESS
①	5in
②	4in
③	3in
④	2in

No Scale

TERMINAL CONNECTOR FOR STEEL BEAM GUARD RAIL W/STEEL POSTS

DESIGNED BY	BCE/PJM	DATE	6-07
DRAWN BY	C.E.A., INC.	DATE	6-07
DESIGN FILE NO.	p99c182.dgn		
PRF FILE	p99c182+c.1	DATE PLOTTED	08-JAN-2009 08
PROJ. NAME	JOHNSON - HYDE PARK		
PROJ. NO.	STP 2215(1)S		
SHEET	28	OF	33 SHEETS