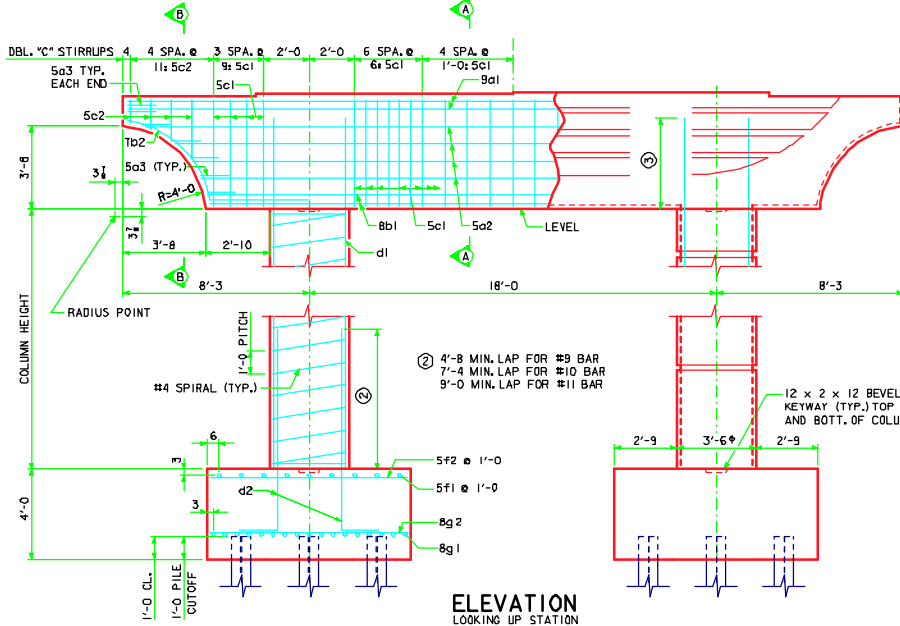
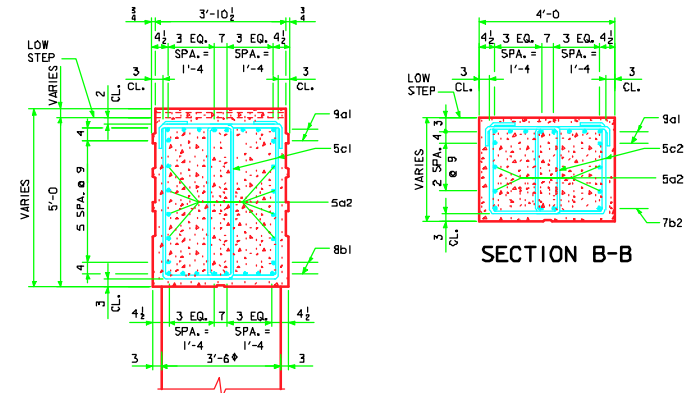


PLAN



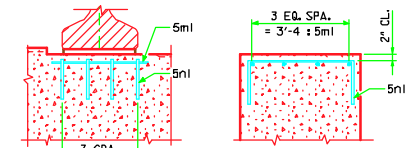
ELEVATION
LOOKING UP STATION

③ 2'-9 MIN. PROJ. FOR #9 BAR
4'-4 MIN. PROJ. FOR #10 & #11 BARS



SECTION A-A

SECTION B-B



PIER STEP REINFORCING

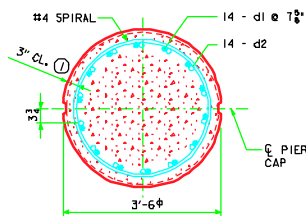
COLUMN SECTION			
SPAN	HEIGHT	19'-0	22'-0
110'	A	A	B
115'	A	A	B
120'	A	A	B
125'	A	B	C
130'	A	B	C

NOTE:

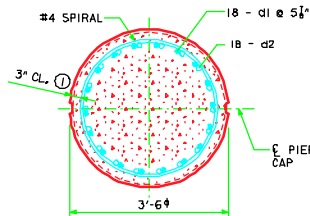
SEE "PIER FOOTING AND PIER BAR LISTS" SHEETS FOR PIER NOTES, COLUMN HEIGHTS, AND REINFORCING BAR LIST.

SEE BT30-ASI-04 FOR RUSTICATION DETAILS.

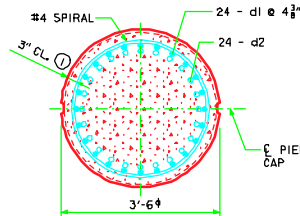
WHEN STEP HEIGHT ABOVE A BASE STEP IS GREATER THAN 1 1/2' USE #5 MAT REINFORCING AS SHOWN ABOVE. REINFORCING WEIGHT FOR THREE STEPS IS INCLUDED IN PIER BAR LIST.



COLUMN SECTION A



COLUMN SECTION B



COLUMN SECTION C

d2 BARS WILL BE PLACED INSIDE OF d1 AT THIS SECTION ONLY.

① INCLUDES 3/4" RUSTICATION

LATEST REVISION DATE	 Iowa Department of Transportation Highway Division	STANDARD DESIGN - 30' ROADWAY, 2 SPAN BRIDGES	
		PRETENSIONED PRESTRESSED	
		BULB TEE CONCRETE BEAM BRIDGES	
		ALL SPANS	
APPROVED BY BRIDGE ENGINEER	 PIER DETAILS 10° SKEW	JULY, 2004	
		BT30-PR3-04	