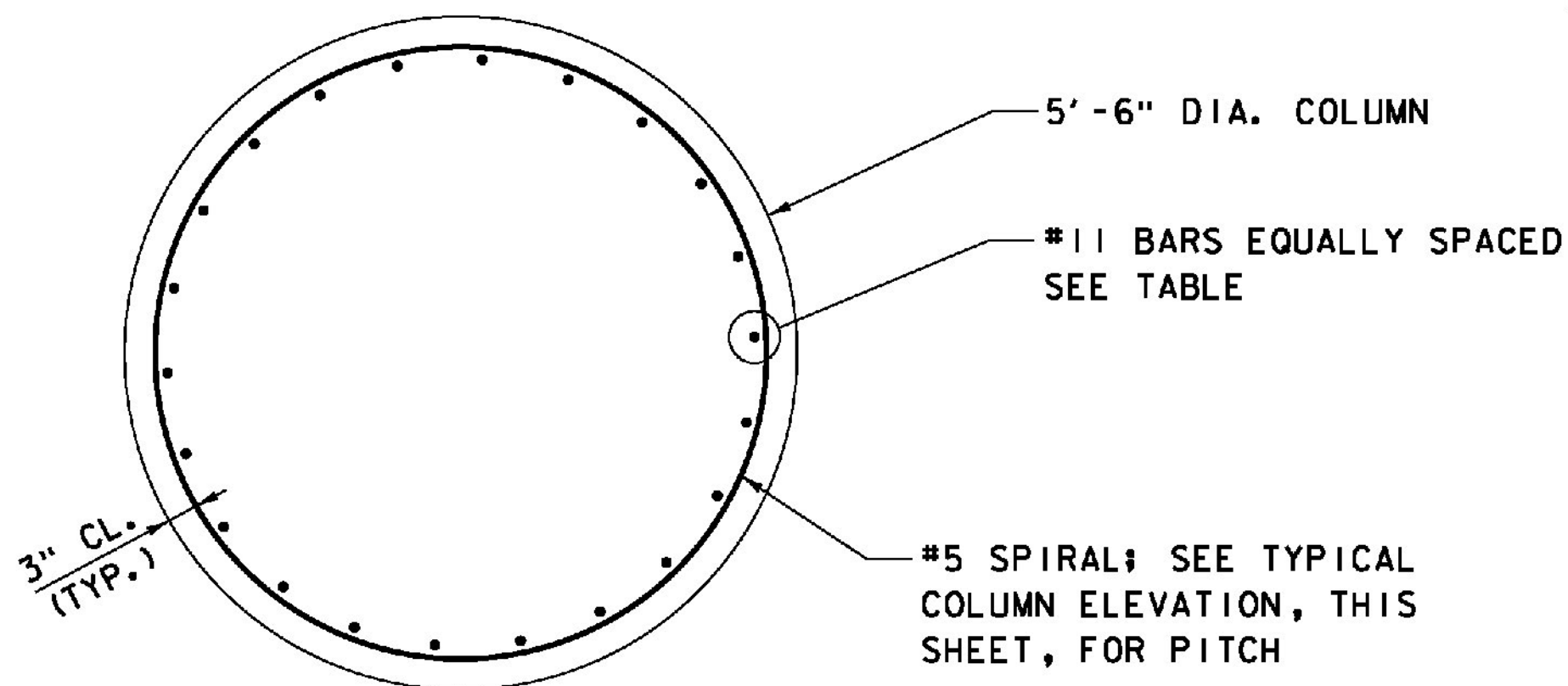


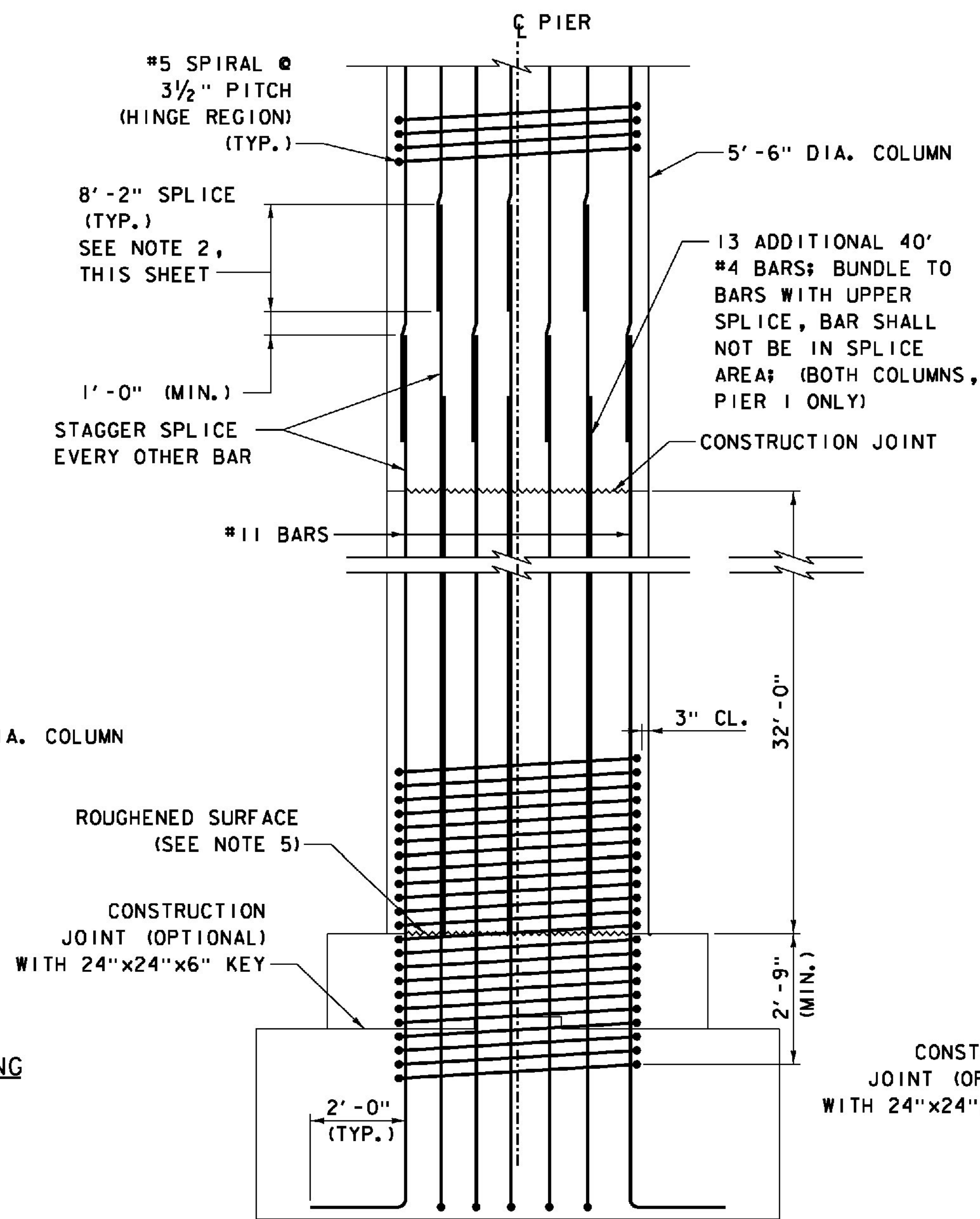
TYPICAL PIER CAP TO COLUMN REINFORCING

SCALE 1/2" = 1'-0"

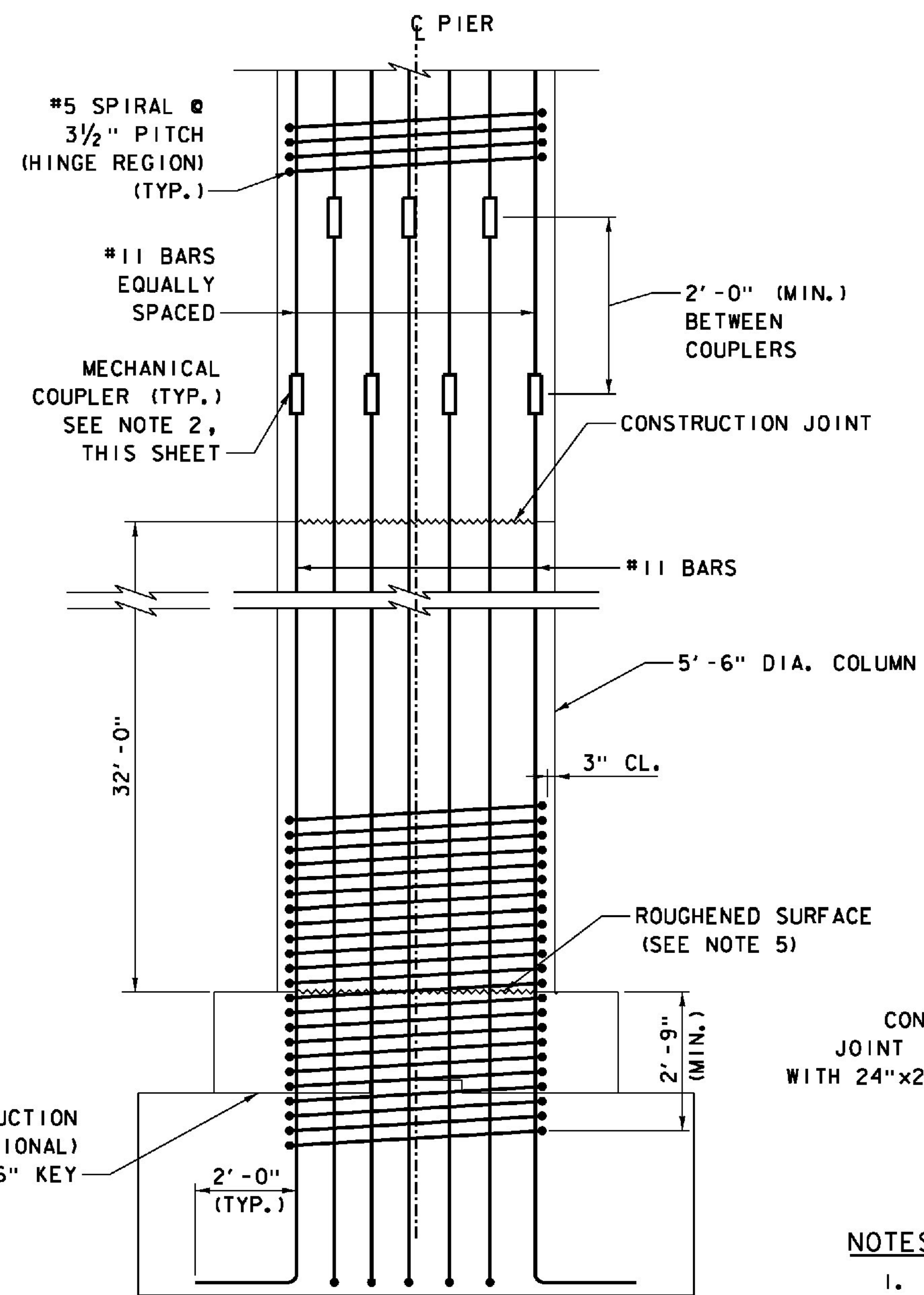


TYPICAL COLUMN REINFORCING

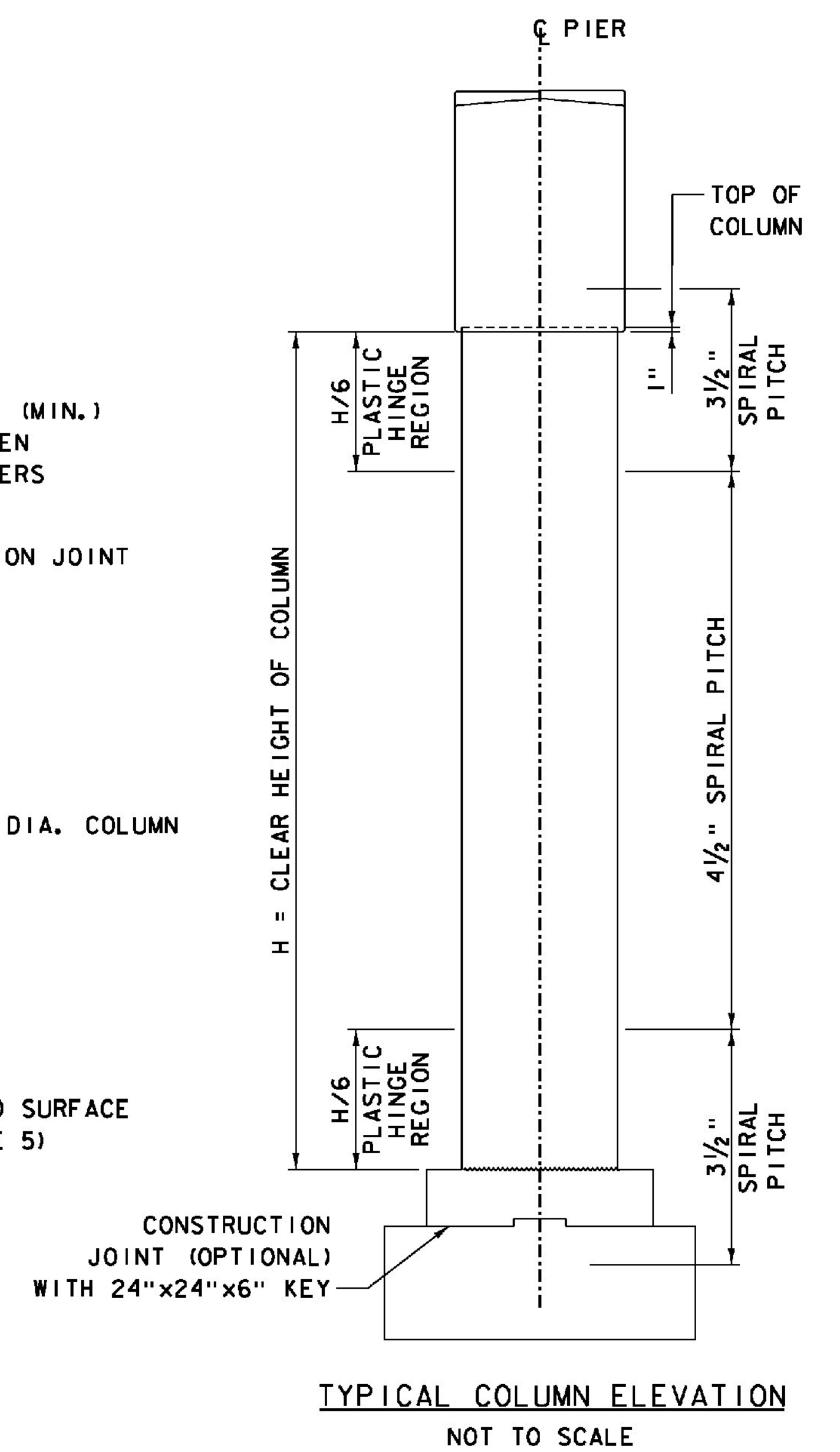
SCALE 3/4" = 1'-0"



TYPICAL COLUMN REINFORCING WITH LAP SPLICES  
NOT TO SCALE



TYPICAL COLUMN REINFORCING WITH MECHANICAL COUPLERS  
NOT TO SCALE



TYPICAL COLUMN ELEVATION  
NOT TO SCALE

NOTES:

1. REINFORCING SPIRAL SHALL BE SPLICED WITH MECHANICAL COUPLERS.
2. LAP SPLICES OR MECHANICAL COUPLERS ON LONGITUDINAL BARS ARE NOT ALLOWED WITHIN PLASTIC HINGE REGIONS. SEE TYPICAL COLUMN ELEVATION, THIS SHEET.
3. DESIGN LAP SPLICE FOR LONGITUDINAL BARS IS 8'-2" MIN.
4. MECHANICAL SPLICES SHALL DEVELOP 125 PERCENT OF THE SPECIFIED YIELD STRENGTH OF THE BAR.
5. THE CONSTRUCTION JOINT BETWEEN FOOTING PEDESTALS AND BASE OF COLUMNS SHALL BE INTENTIONALLY ROUGHENED TO 1/4" - 1/2" DEPTH. FOR DETAILS OF TYPICAL HORIZONTAL CONSTRUCTION JOINT, SEE ABUTMENT DETAILS - SHEET 2.

LONGITUDINAL REINFORCING TABLE				
PIER	COLUMN	TOTAL #11 BARS	H (FT.)	H/6 (FT.)
1	1W	26	68.75	11.46
	1E	26	68.75	11.46
2	2W	30	70.85	11.81
	2E	30	70.85	11.81
3	3W	22	62.75	10.46
	3E	22	58.75	9.79

ITEMS USED ON THIS SHEET	
ITEM NO.	DESCRIPTION
501.34	CONCRETE, HIGH PERFORMANCE CLASS B
507.17	EPOXY COATED REINFORCING STEEL

PROJECT NAME: WINDSOR  
 PROJECT NUMBER: IM 091-1(64)  
 FILE NAME: z10o188PD1.dgn  
 PROJECT LEADER: J. WILSON  
 DESIGNED BY: S. BOYINGTON  
 SB PIER DETAILS - SHEET 1  
 PLOT DATE: 7/30/2015  
 DRAWN BY: S. GUNN  
 CHECKED BY: S. HALLORAN  
 SHEET 114 OF 156