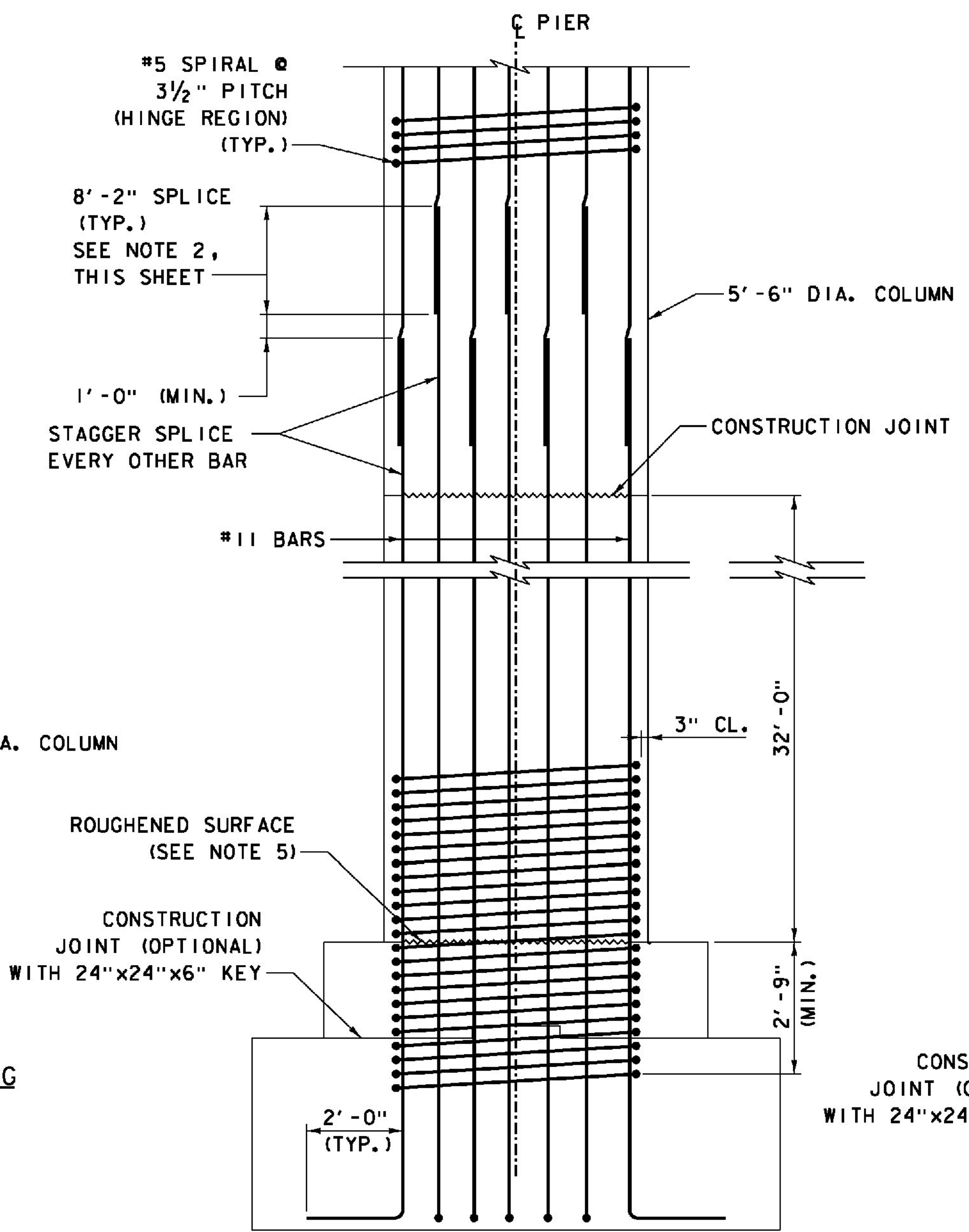
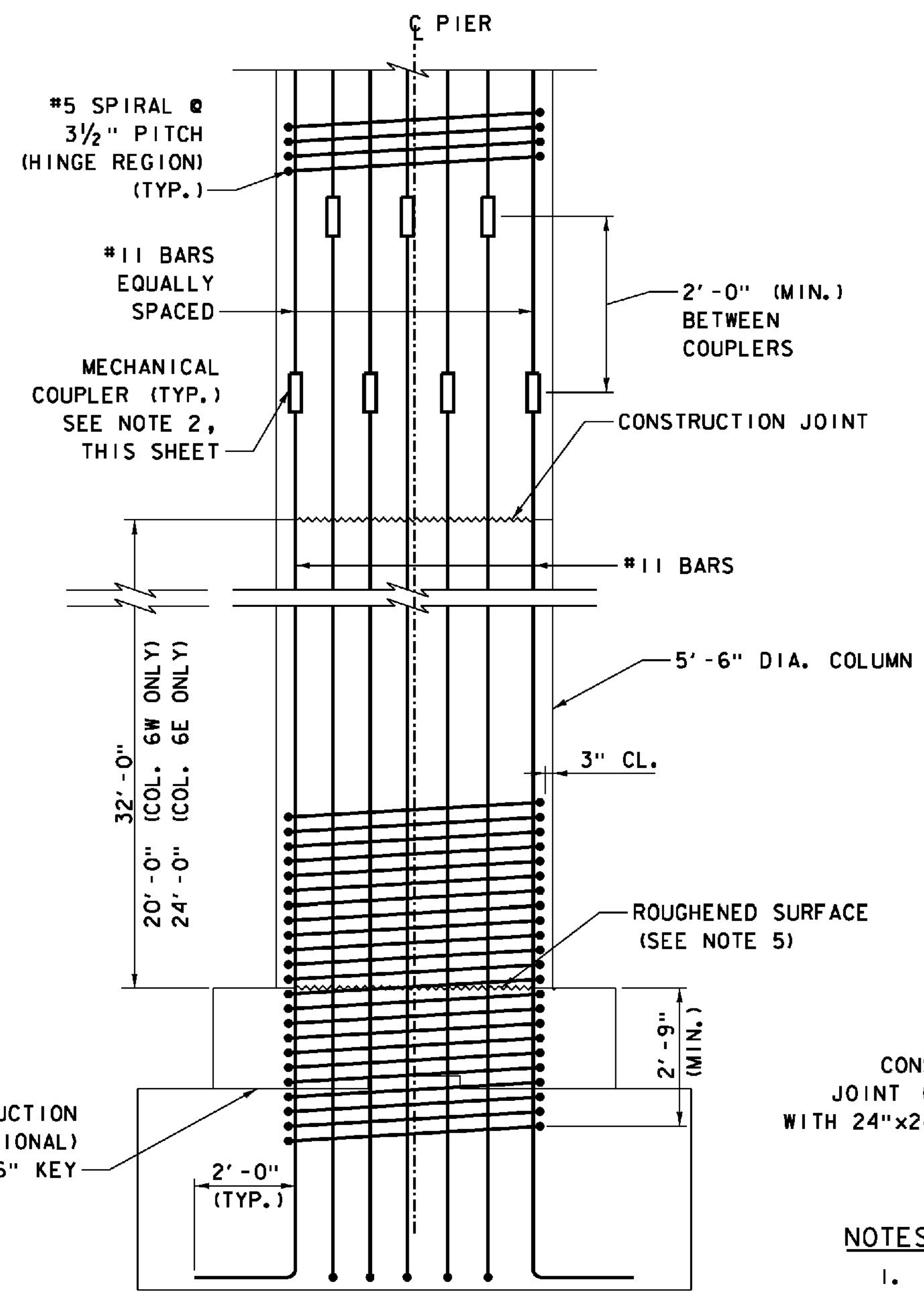


TYPICAL PIER CAP TO COLUMN REINFORCING

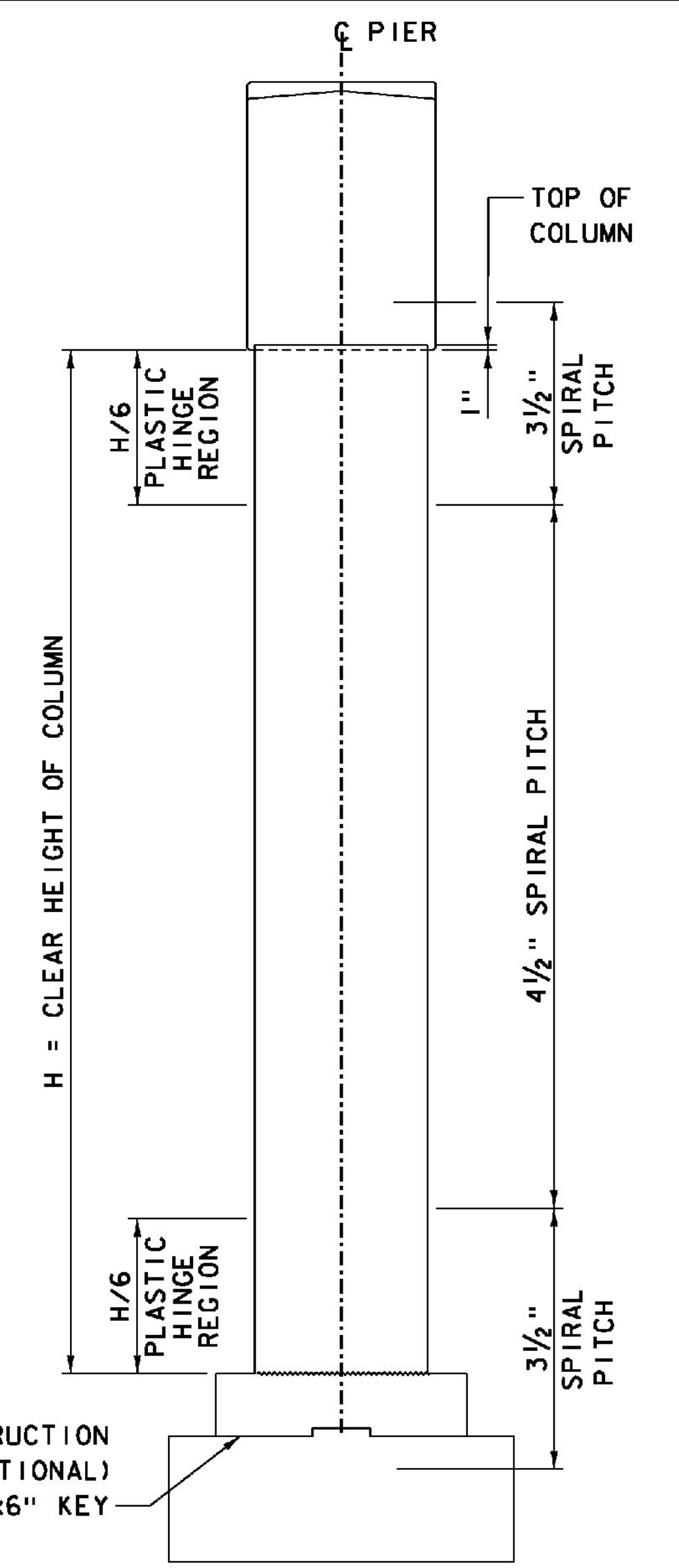
SCALE 1/2" = 1'-0"
0 1 2



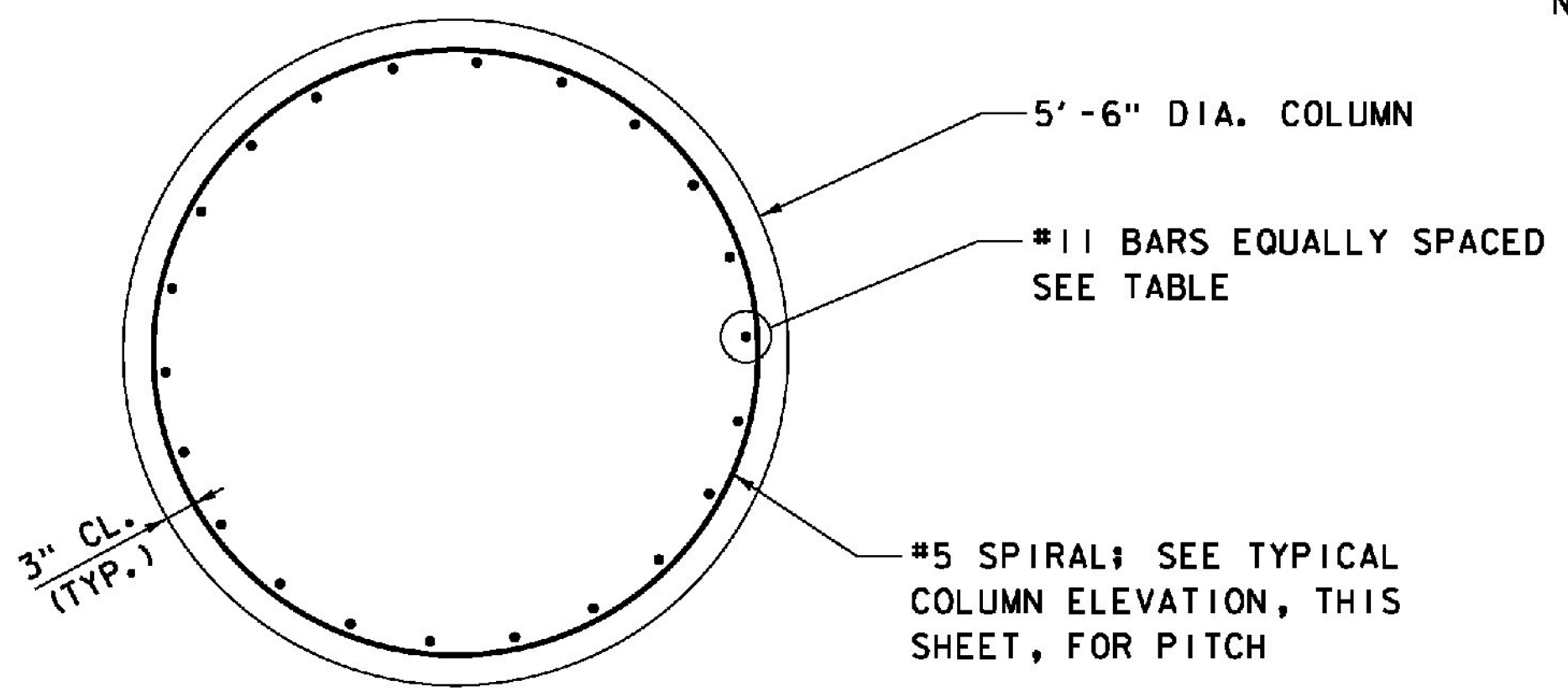
TYPICAL COLUMN REINFORCING WITH LAP SPLICES
NOT TO SCALE



TYPICAL COLUMN REINFORCING WITH MECHANICAL COUPLERS
NOT TO SCALE



TYPICAL COLUMN ELEVATION
NOT TO SCALE



TYPICAL COLUMN REINFORCING

SCALE 3/4" = 1'-0"
0 1 2

LONGITUDINAL REINFORCING TABLE				
PIER	COLUMN	TOTAL #11 BARS	H (FT.)	H/6 (FT.)
4	4W	32	71.00	11.83
	4E	32	71.00	11.83
5	5W	34	73.00	12.17
	5E	34	73.00	12.17
6	6W	22	50.00	8.33
	6E	22	54.00	9.00

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

- NOTES:
- REINFORCING SPIRAL SHALL BE SPLICED WITH MECHANICAL COUPLERS.
 - LAP SPLICES OR MECHANICAL COUPLERS ON LONGITUDINAL BARS ARE NOT ALLOWED WITHIN PLASTIC HINGE REGIONS. SEE TYPICAL COLUMN ELEVATION, THIS SHEET.
 - DESIGN LAP SPLICE FOR LONGITUDINAL BARS IS 8'-2" MIN.
 - MECHANICAL SPLICES SHALL DEVELOP 125 PERCENT OF THE SPECIFIED YIELD STRENGTH OF THE BAR.
 - 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.

PROJECT NAME: WINDSOR
 PROJECT NUMBER: IM 091-1(64)
 FILE NAME: z10o188PD1.dgn
 PROJECT LEADER: J. WILSON
 DESIGNED BY: S. BOYINGTON
 NB PIER DETAILS - SHEET 1
 PLOT DATE: 7/30/2015
 DRAWN BY: S. GUNN
 CHECKED BY: S. HALLORAN
 SHEET 146 OF 156