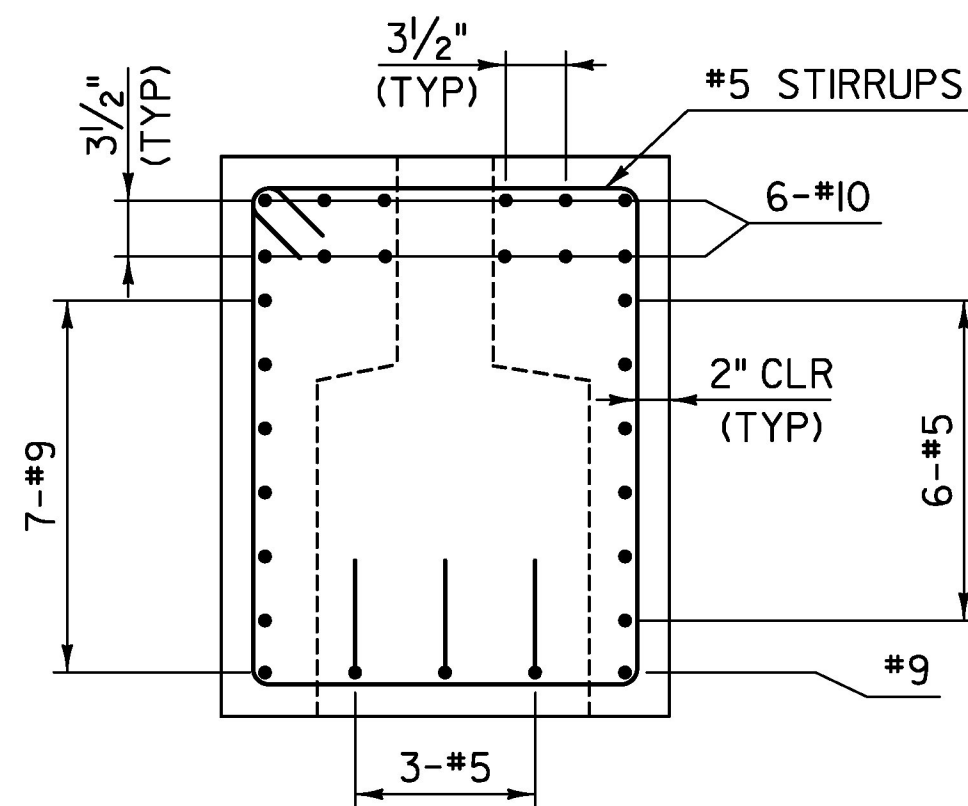
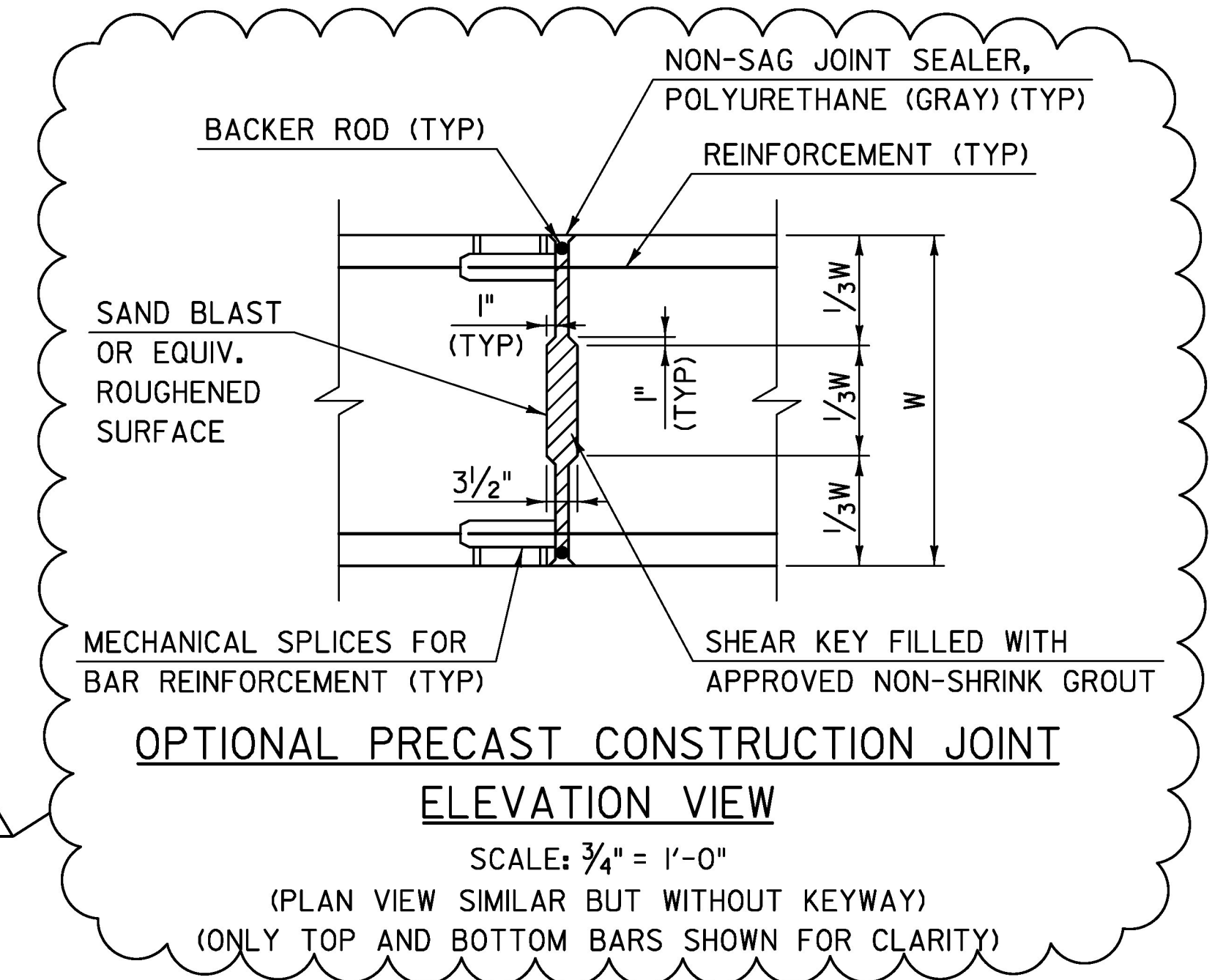
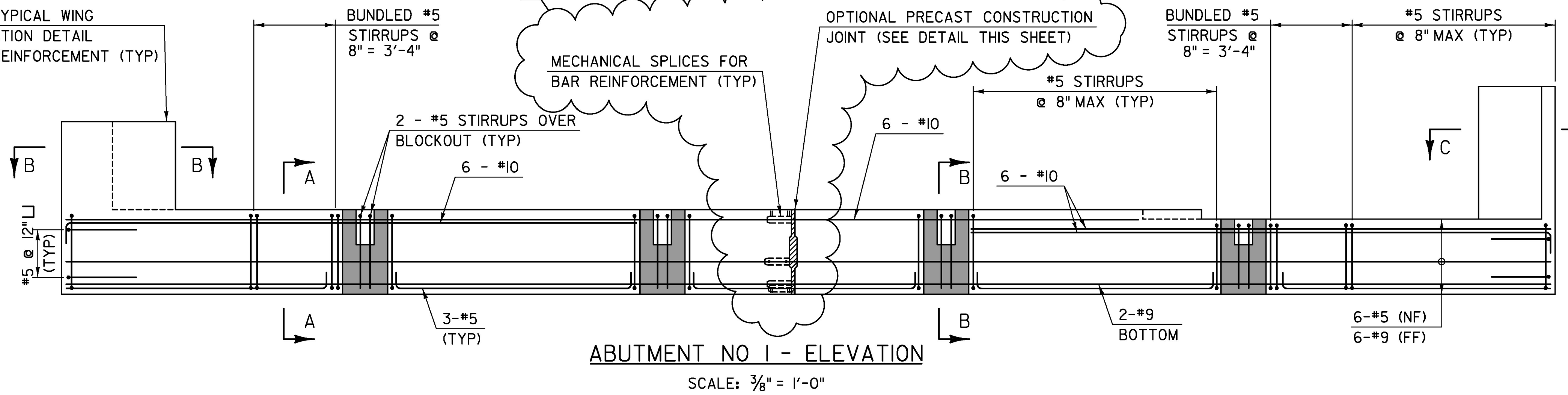
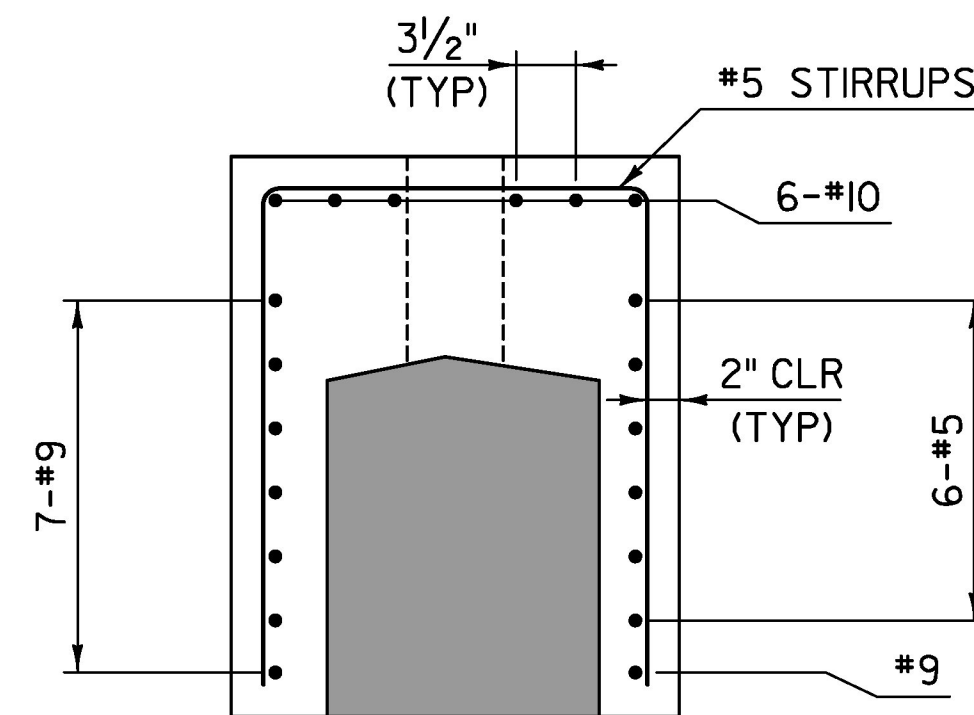


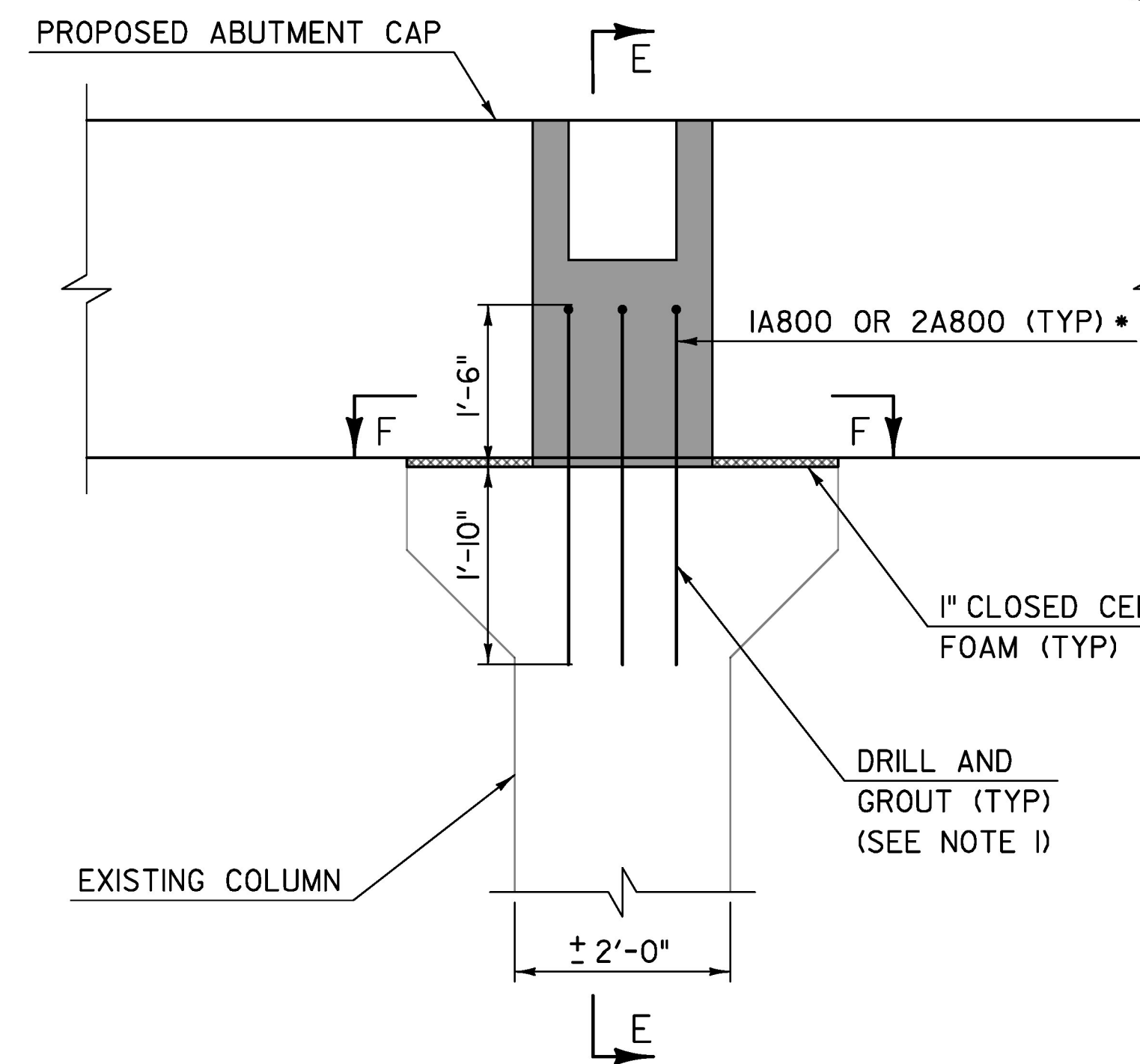
SEE TYPICAL WING ELEVATION DETAIL FOR REINFORCEMENT (TYP)



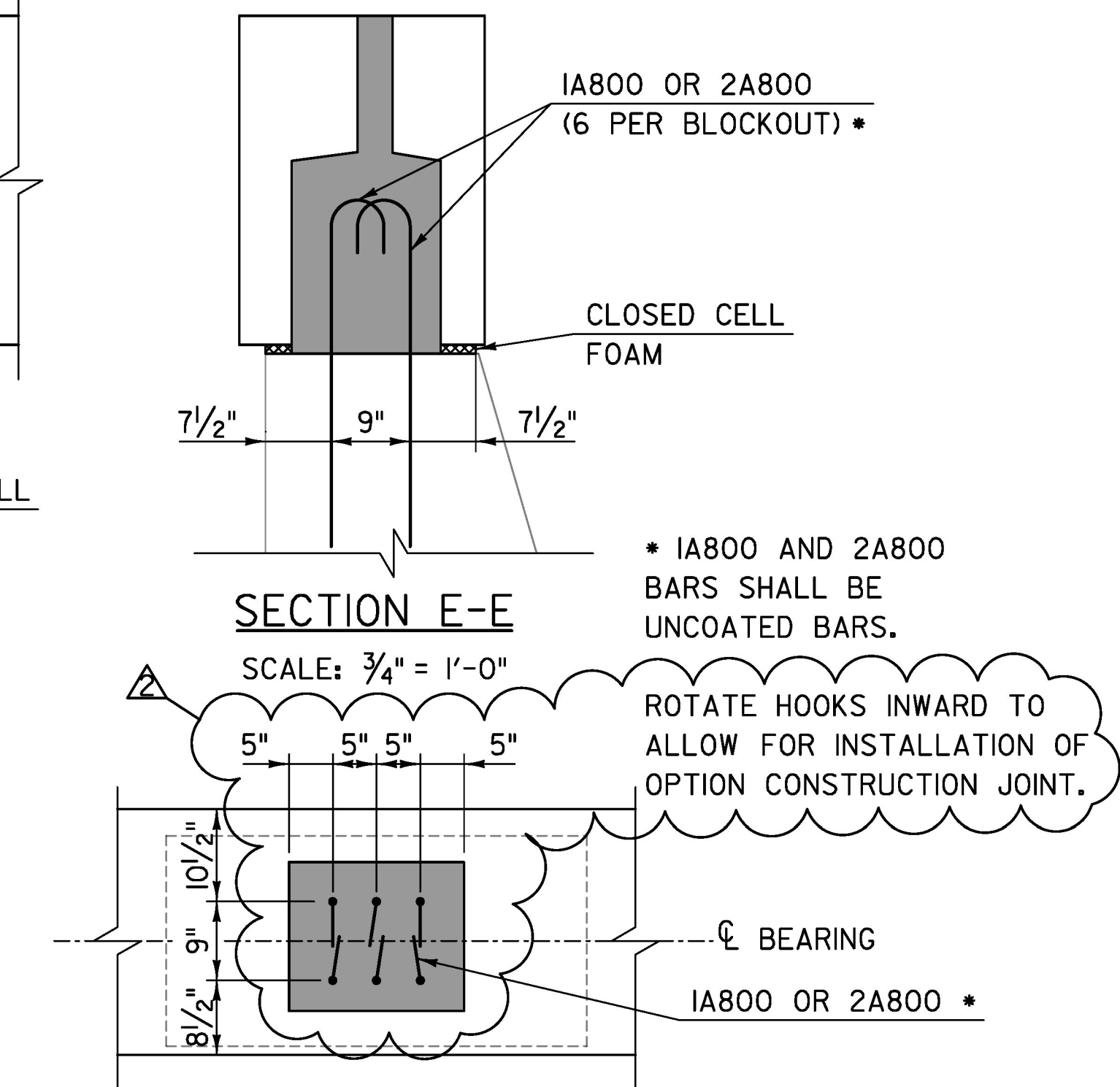
SECTION A-A  
SCALE: 1" = 1'-0"



SECTION B-B  
SCALE: 1" = 1'-0"

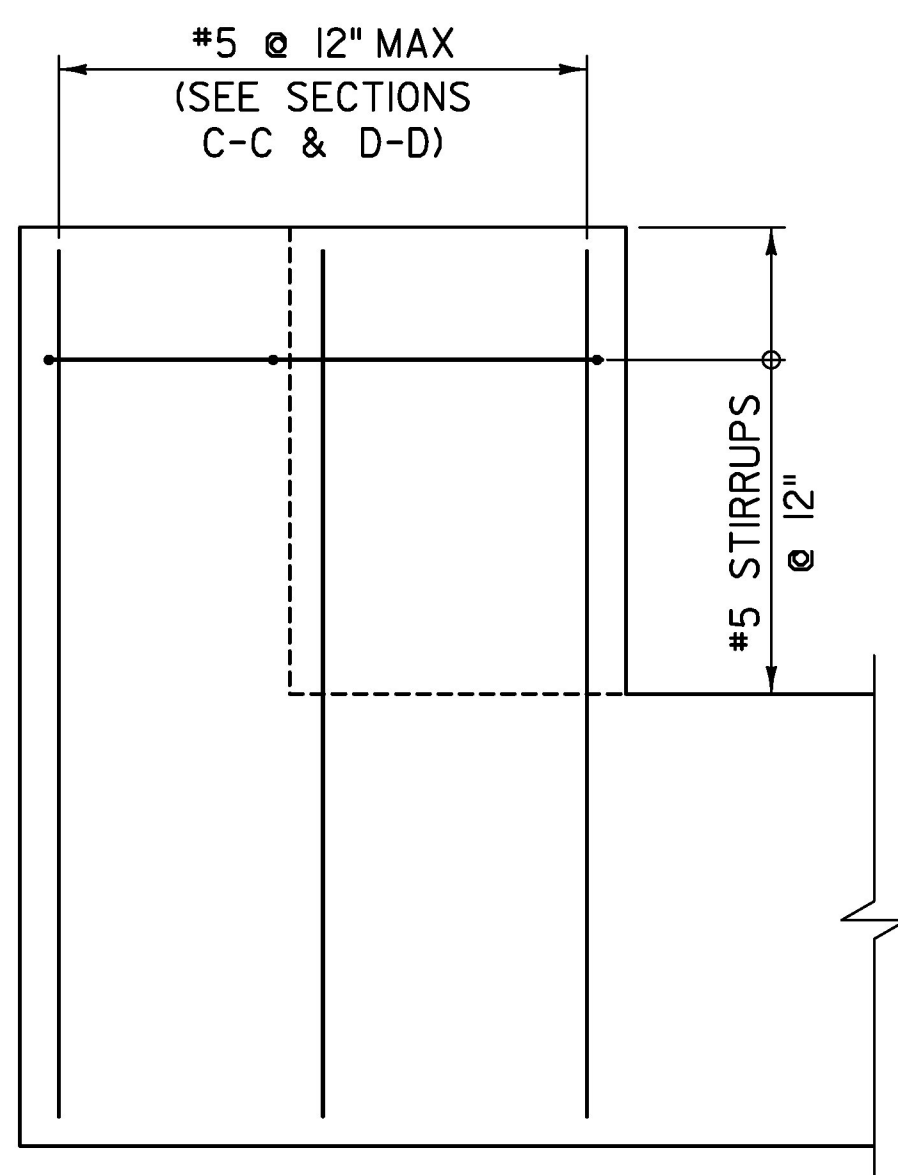


TYPICAL COLUMN CONNECTION ELEVATION  
SCALE: 3/4" = 1'-0"

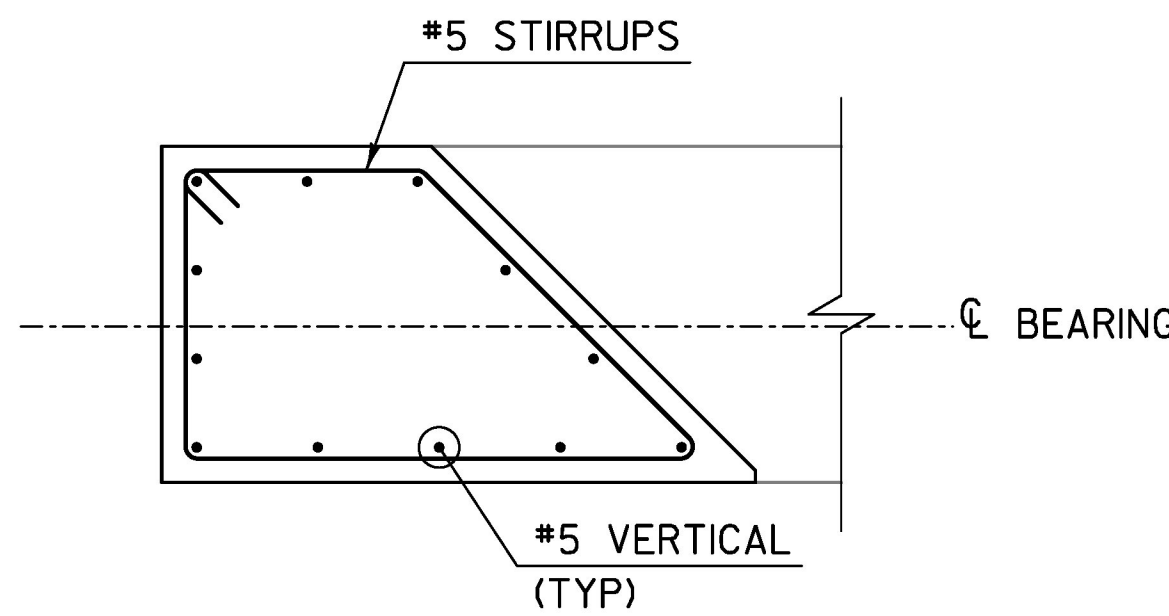


SECTION E-E  
SCALE: 3/4" = 1'-0"

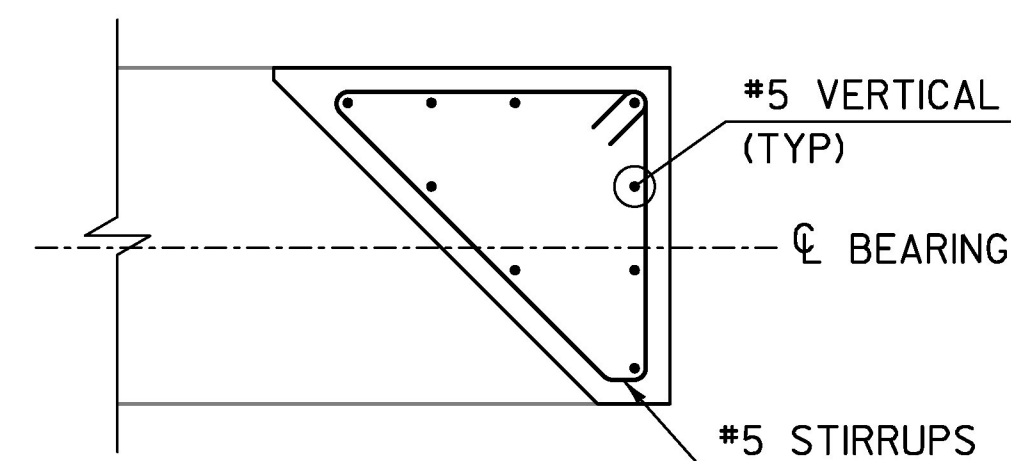
SECTION F-F  
SCALE: 3/4" = 1'-0"



TYPICAL WING ELEVATION  
SCALE: 3/4" = 1'-0"



SECTION C-C  
SCALE: 3/4" = 1'-0"



SECTION D-D  
SCALE: 3/4" = 1'-0"

**LEGEND:**

- SPECIAL PROVISION (HIGH PERFORMANCE CONCRETE, RAPID SET) (FPQ)
- CLOSED CELL FOAM
- NF NEAR FACE
- FF FAR FACE

**NOTES:**

1. DRILLED AND GROUTED REBAR SHALL BE GROUTED WITH A TYPE IV MORTAR SUITABLE FOR PROLONGED TENSION. ALTERNATIVE ADHESIVE PRODUCTS MAY BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
2. PAYMENT FOR ALL COSTS ASSOCIATED WITH THE OPTIONAL CONSTRUCTION JOINT INCLUDING BUT NOT LIMITED TO FURNISHING AND INSTALLING MECHANICAL SPLICES FOR BAR REINFORCEMENT AND NON-SHRINK GROUT WILL BE MADE UNDER THE APPROPRIATE PRECAST CONCRETE ABUTMENT PAY ITEM.

REV	DATE	DESCRIPTION
△	10/26/2016	ADDED OPTIONAL PRECAST JOINT
△	10/31/2016	ADJUSTED DOWEL LOCATIONS

**TYLIN INTERNATIONAL**

PROJECT NAME: CHelsea	PLOT DATE: 10/27/2016
PROJECT NUMBER: BHF 0169(9)	DRAWN BY: S. MORGAN
FILE NAME: z12ci50abu+tr-fl.dgn	CHECKED BY: J. OLUND
PROJECT LEADER: J. OLUND	SHEET 52 OF 137
DESIGNED BY: D. MYERS	
ABUTMENT REINFORCEMENT AND DETAILS	