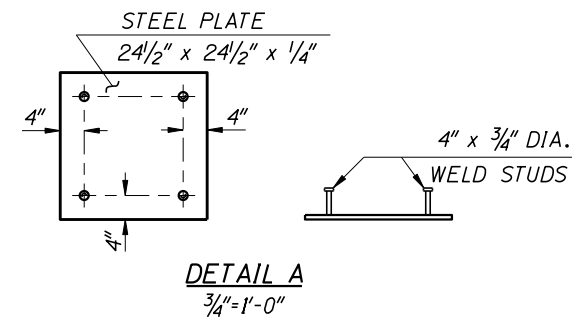


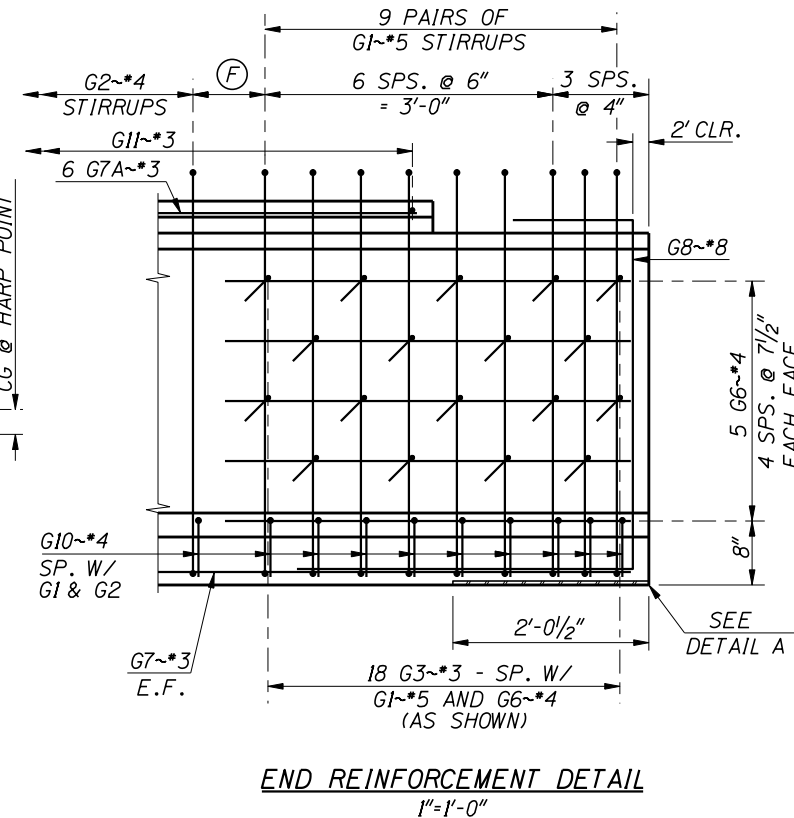
[illegible]

The image contains two technical drawings of a prestressed concrete T-beam, labeled SECTION A and SECTION B.

SECTION A AT $\perp$ BEARING
 This drawing shows the cross-section of the beam at a bearing point. The total width of the top flange is 6'-7 1/2" (TYP.). The top flange has a thickness of 4" (TYP.). The web has a width of 1'-0" (TYP.). The total height of the beam is 4'-0". The bottom flange has a width of 2'-2" and a thickness of 6". The top flange is reinforced with 6 G7A~*3 (TYP.). The web is reinforced with 5 G6~*4 (4 SPS. @ 7 1/2") and 4 G10~*4. The bottom flange is reinforced with 4 G7~*3. The beam has a 3/4" CHAMFER (TYP.) at the bottom corners. The section is labeled (a) at the bottom right.

SECTION B AT $\perp$ SPAN
 This drawing shows the cross-section of the beam at a span point. The total width of the top flange is 3'-1". The top flange has a thickness of 2". The web has a width of 1'-3". The total height of the beam is 4'-0". The bottom flange has a width of 2'-2" and a thickness of 6". The top flange is reinforced with 4 G2~*4. The web is reinforced with 4 G10~*4. The bottom flange is reinforced with 4 G7~*3. The beam has a 1" CLEAR at the top and bottom. The section is labeled (b) at the bottom right.

COMMON DETAILS:
 - CROSS TIES (TYP.) G3~*3
 - CENTROID OF PRESTR. STRANDS SEE DETAIL B
 - STEEL PLATE SEE DETAIL A



REINFORCEMENT DIAGRAM			
MARK	SIZE	GRADE	SKETCH
* G1	*5	60	
* G2	*4	60	
* G3	*3	60	
G4	*5	60	
G4A	*5	60	
G5	*6	60	
G5A	*6	60	
G6	*4	60	
G7	*3	60	
G7A	*3	60	
G8	*8	60	
G9	*4	60	
G9A	*4	60	
* G10	*4	60	
G11	*3	60	

GIRDER WEIGHT _____ 600 LBS. PER FOOT

R E V I S I O N S				DESIGNED	SCALES SHOWN ARE FOR 34" X 22" PRINTS ONLY	ORIGINAL SIGNED BY:
NO.	DATE	BY	DESCRIPTION	DESIGN CHECKED		
△				DETAILED	CADD FILE NO. \\prj00000\bridge\ b05_3c.dgn	DATE SIGNED: <u>DATE</u> ORIGINAL STORED AT: LTD BRIDGE SECTION
△				DWG. CHECKED		
△				CORRECTIONS	DRAWING DATE: MAY 2007	
△						



PROJECT NO.

48" BULB TEE PRESTRESSED GIRDER

BRIDGE DRAWING NO.	SHEET
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