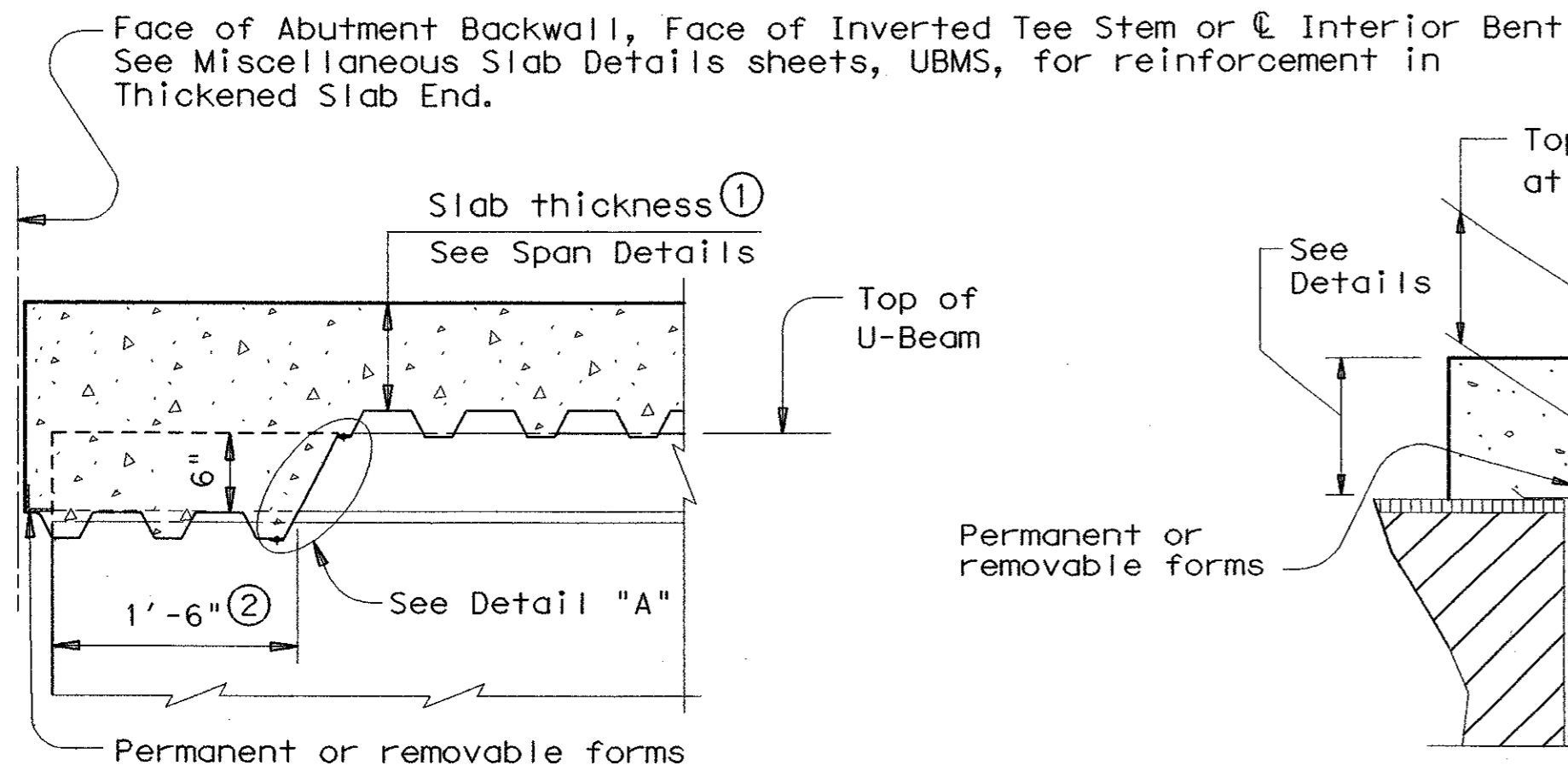


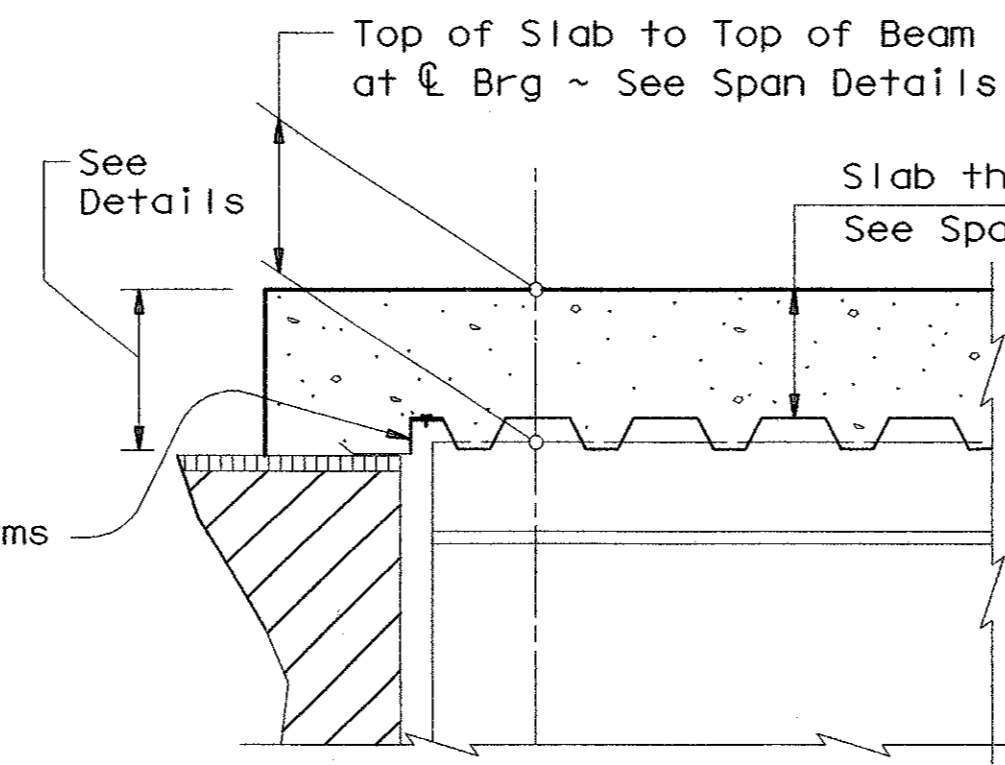
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ACC: (LV=1,2 for English)  
LEVELS DISPLAYED: 1 1/2

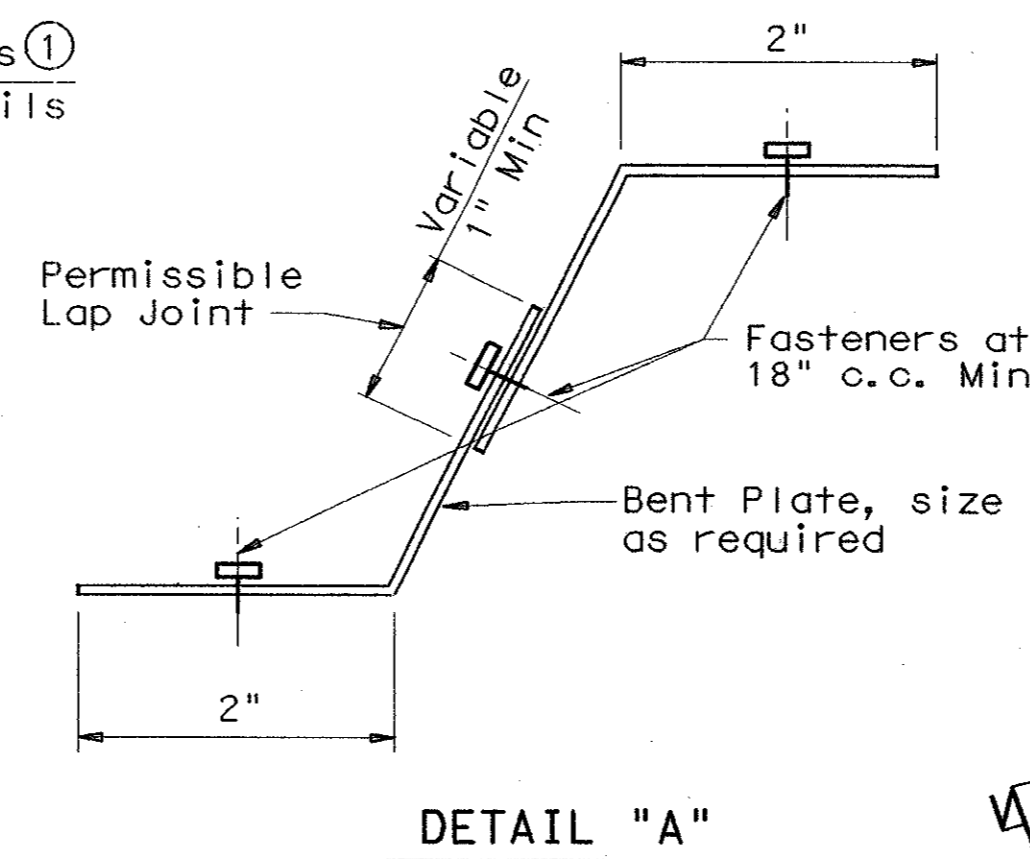


**SECTION THRU THICKENED SLAB END**

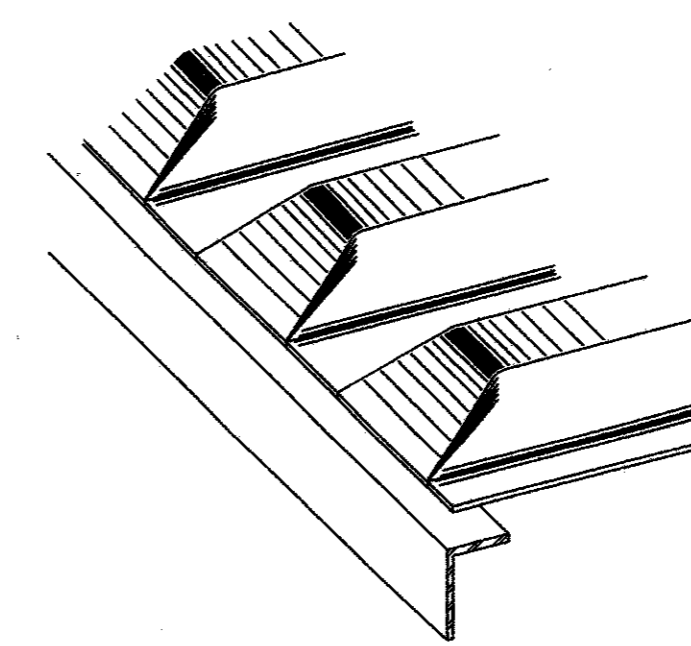
- (1) Slab thickness minus 5/8" if corrugations match reinforcing bars
- (2) Perpendicular to edge of slab



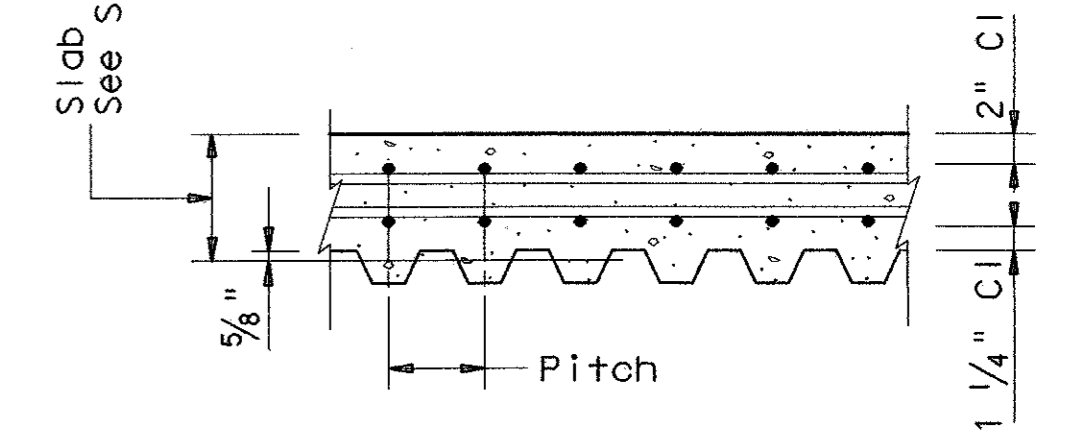
**SECTION THRU SLAB OVER ABUTMENT BACKWALL OR INVERTED TEE STEM**



DETAIL "A"



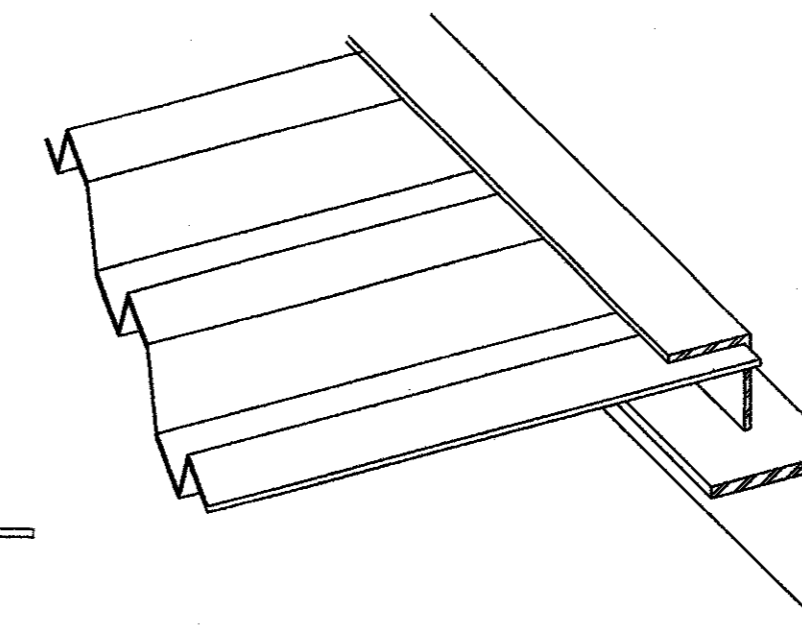
CORRUGATIONS NOT MATCHING BARS



CORRUGATIONS MATCHING BARS

The Contractor has the option of furnishing either system, if practical.

**TYPICAL LONGITUDINAL SLAB SECTIONS**



ANGLE HEADER

NOTE: This type is to be used for skewed ends only.

**TYPES OF END CLOSURES**

**GENERAL NOTES:**

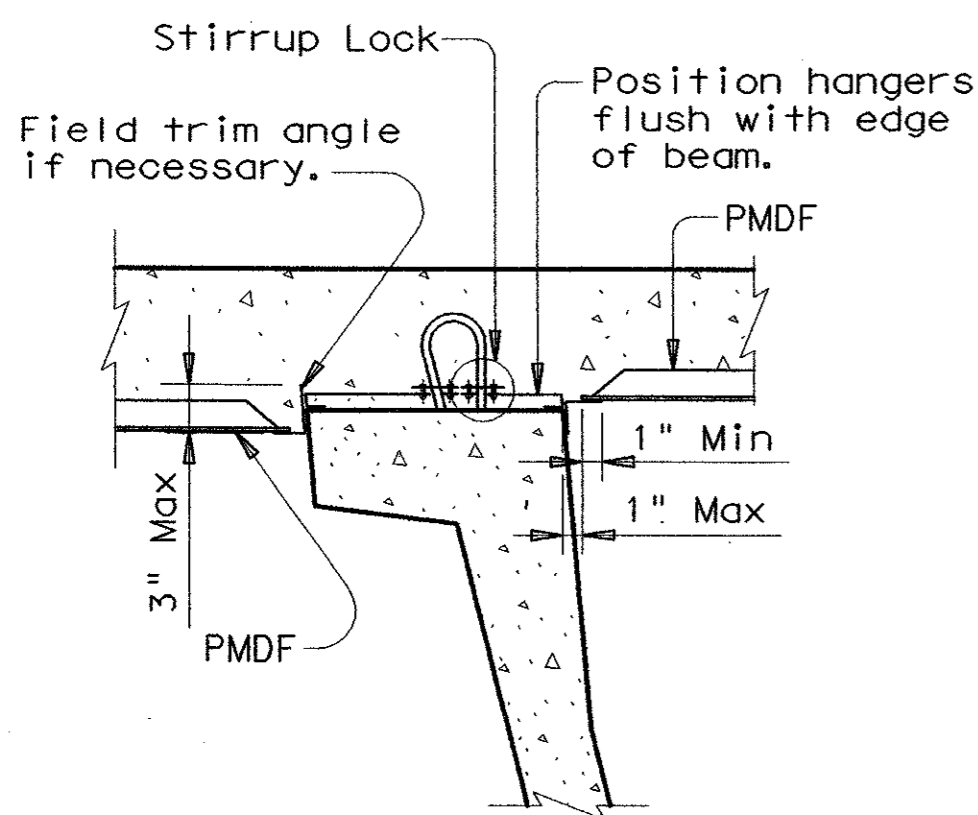
Permanent Metal Deck Forms (PMDF) shall be designed for the dead load of form, reinforcement and concrete plus 50 pounds per square foot for construction loads. The following allowable stresses shall be used in the design:

ASTM A653, Grade	Yield (psi)	Allowable Stress (psi)
33	33,000	23,900
37	37,000	26,800
40	40,000	29,000
50 Class 1	50,000	36,000
80	80,000	36,000
Weld Metal		12,400

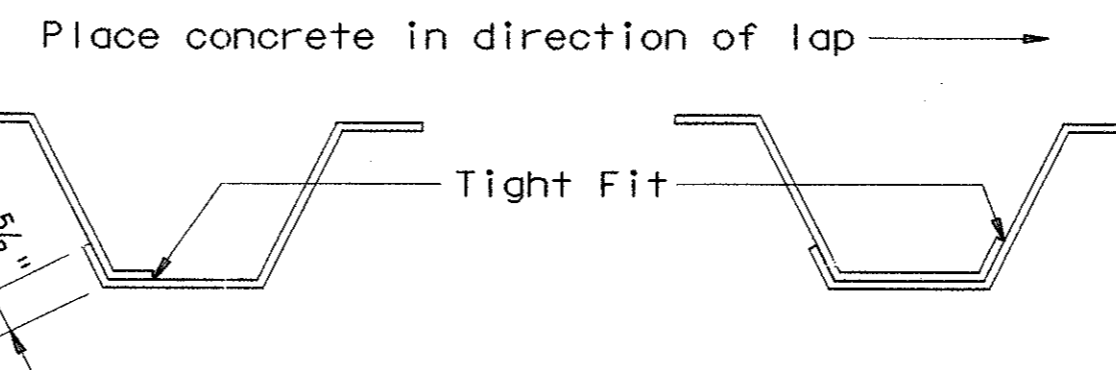
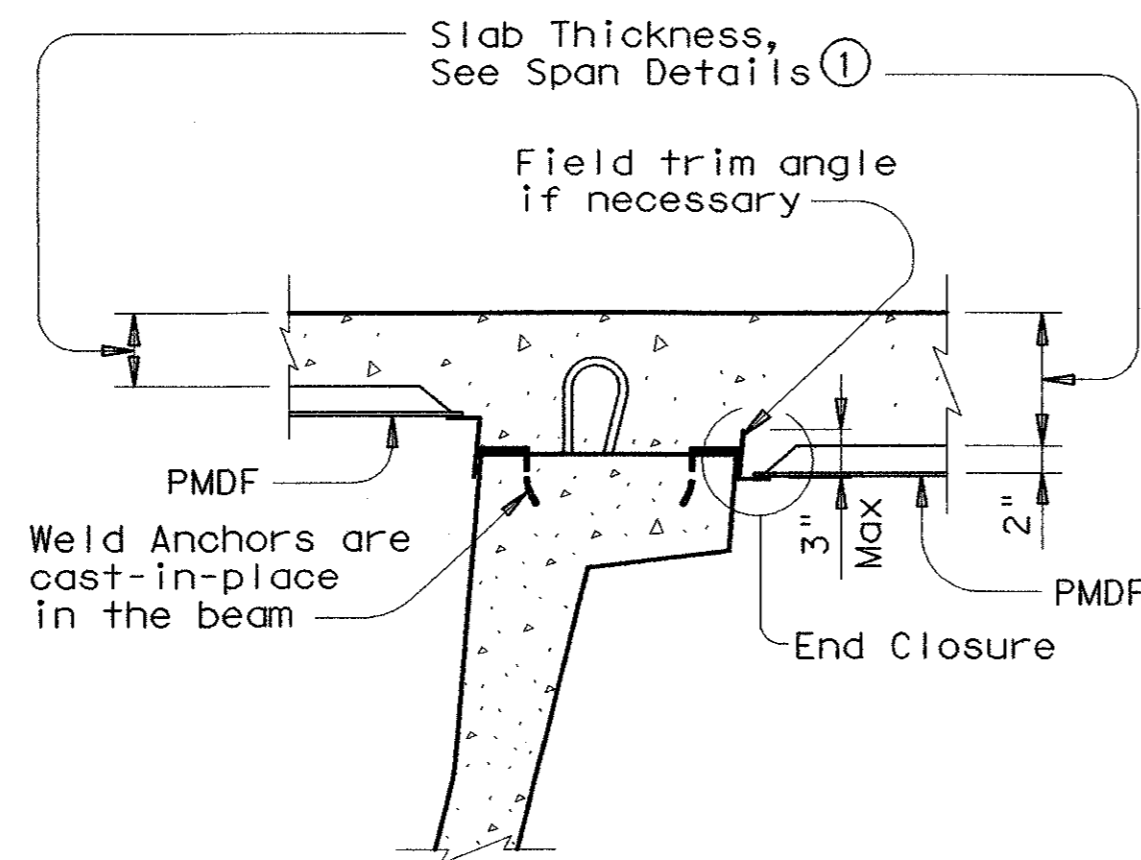
Maximum deflection under the weight of forms, reinforcement and concrete, or a minimum of 120 pounds per square foot shall not exceed 1/180 of the form span or 1/2 inch, whichever is less. The design span for forms shall be clear distance between beam flanges measured parallel to the form flutes minus 2 inches. The minimum thickness of the forms shall be 22 gage and that of the support angles shall be 14 gage. All forms shall be securely fastened to supports.

For size & spacing of slab steel, see span details. Bottom slab reinforcing for PMDF option shall match the size and spacing of top mat of steel, unless noted otherwise, except bottom reinforcing steel shall be No. 5 bars.

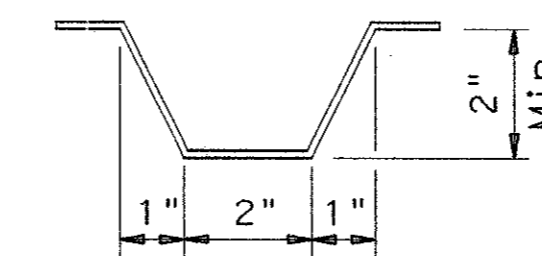
For clear span between beams less than or equal to 15", see Permissible Slab Forming Detail on Miscellaneous Slab Details sheets, UBMS. This standard shall be used as a guide in the preparation of shop detail drawings.



**TYPICAL TRANSVERSE SECTIONS**  
(SHOWING VARIOUS METHODS OF ATTACHING FORMS TO BEAMS)



**SIDE LAP DETAILS**

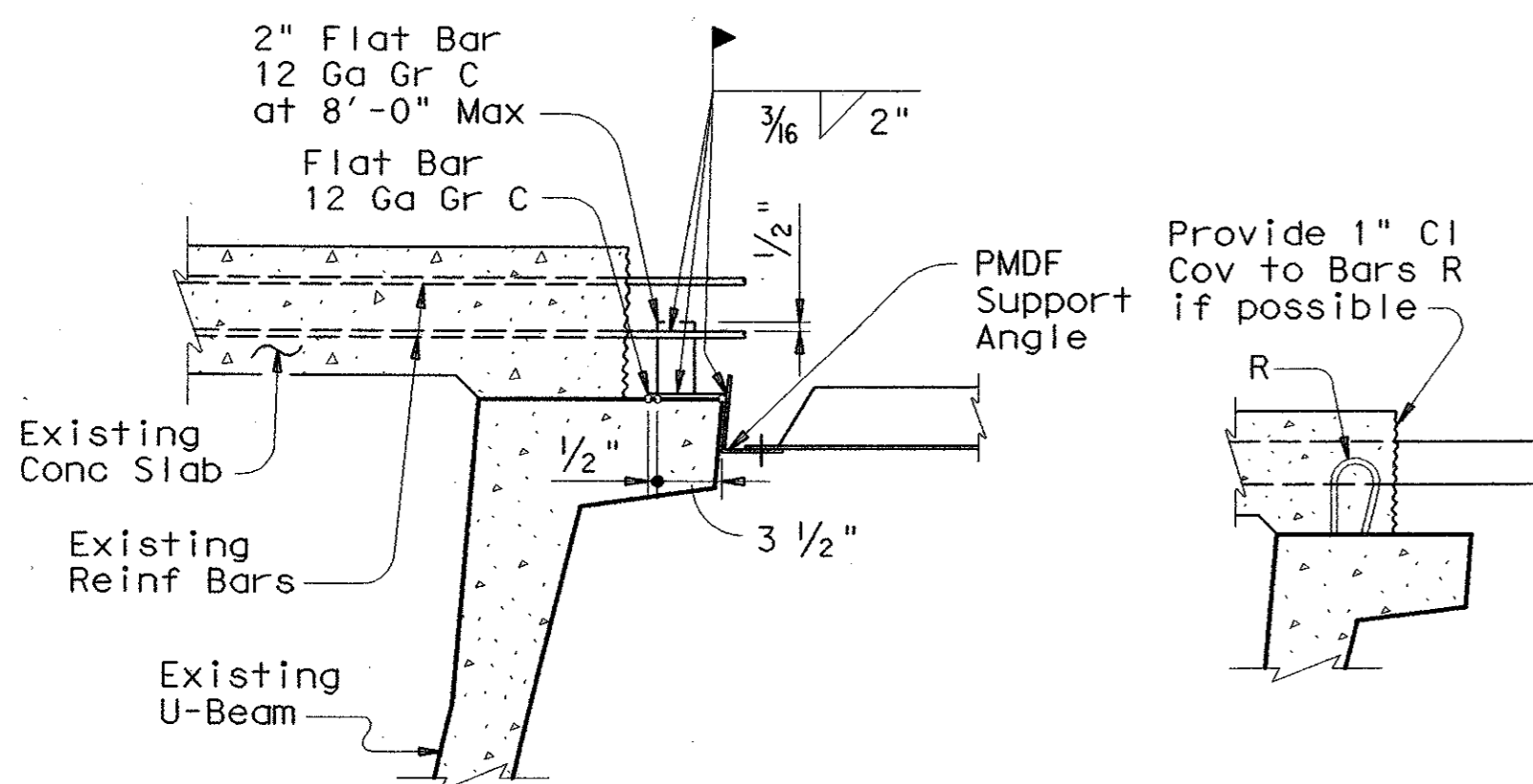


TYPICAL CORRUGATION

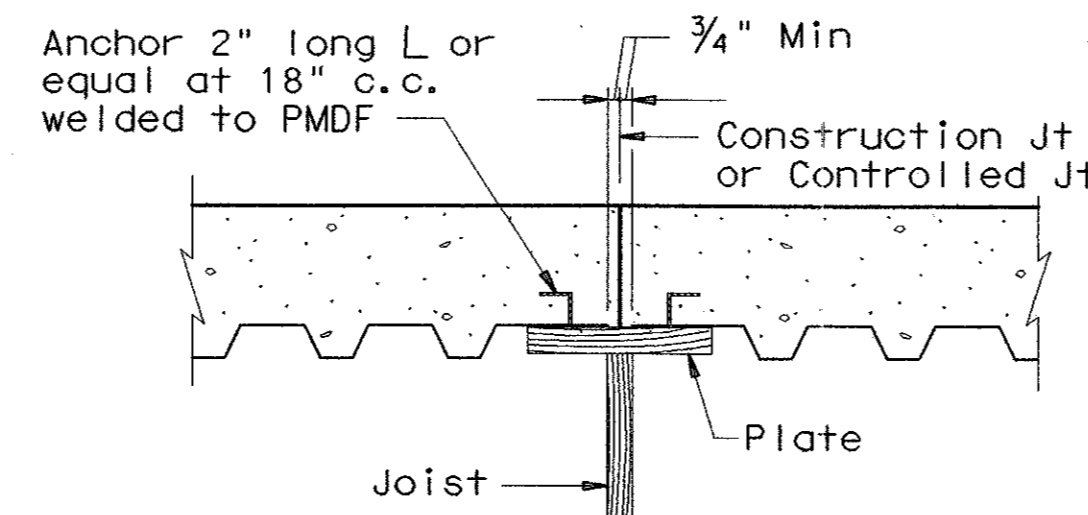
**APPROXIMATE QUANTITIES FOR ONE SQUARE FOOT OF SLAB (for Contractors information only)**

Slab Thickness inches	Reinf Steel Lb/SF	Class S Concrete CY/SF
7.25	6.66	0.0255
7.50	6.66	0.0262
7.75	6.66	0.0270
8.00	6.66	0.0278
8.25	6.66	0.0285

These approximate quantities are for a typical square foot of cast-in-place slab over the average PMDF with corrugations not matching bars. The quantities do not include an allowance for slab overhangs, thickened slab ends, or possible haunch over beams.



**SECTION THRU BREAKBACK FOR WIDENING**



**SECTION THRU CONSTRUCTION JOINT**

Note: In spans where PMDF forms are used, timber forms shall be used at construction joints.

Adequate provision shall be made to support edge of metal form and to provide anchorage of metal form to slab concrete where joined to wood forms.