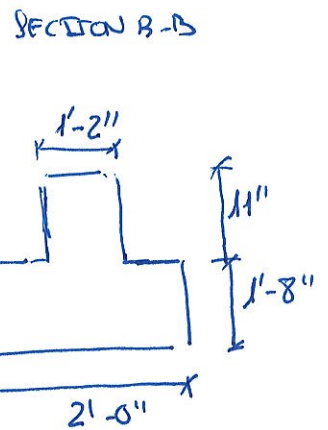
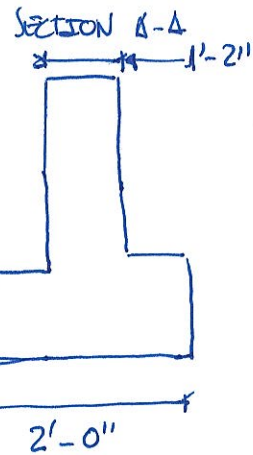
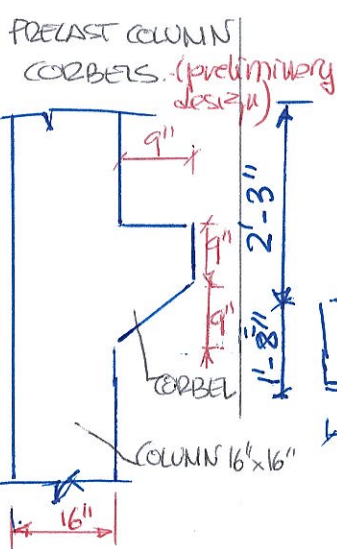
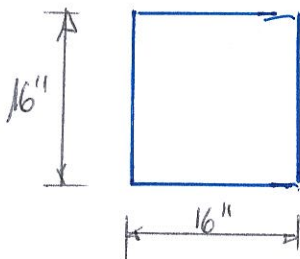
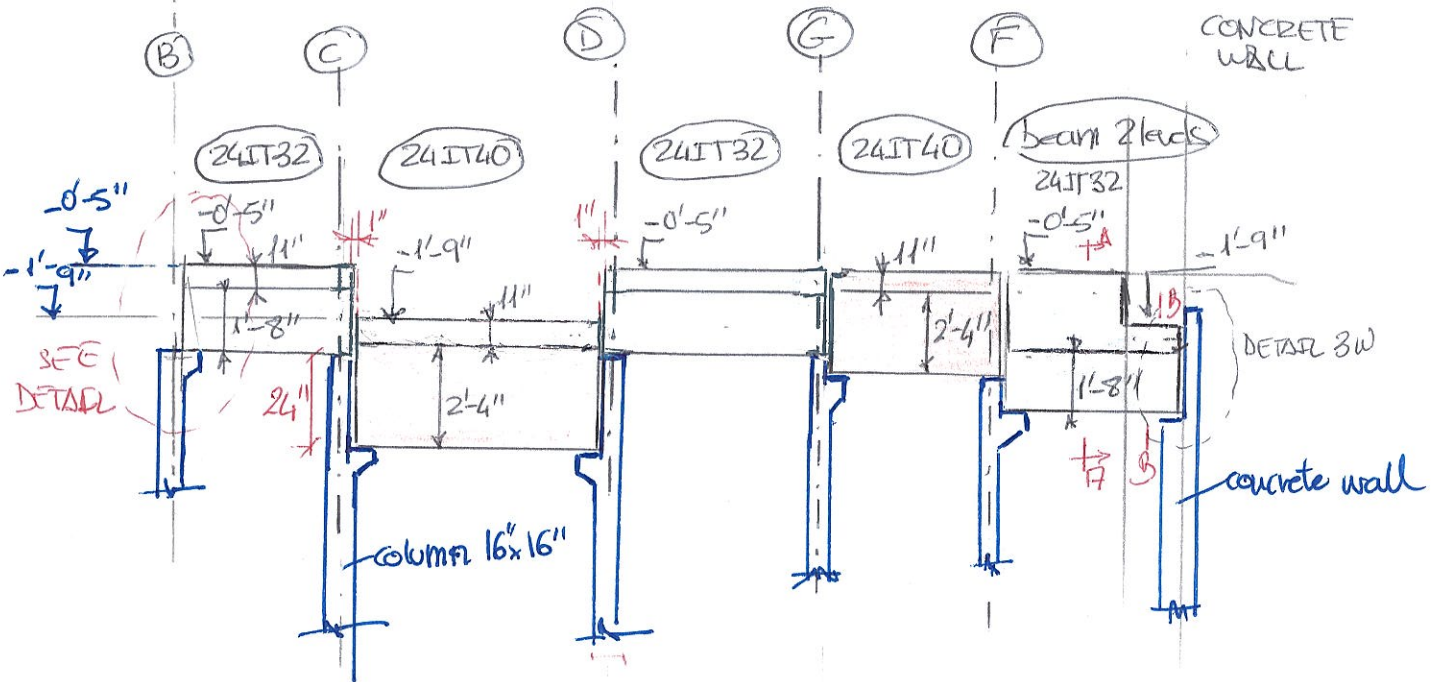
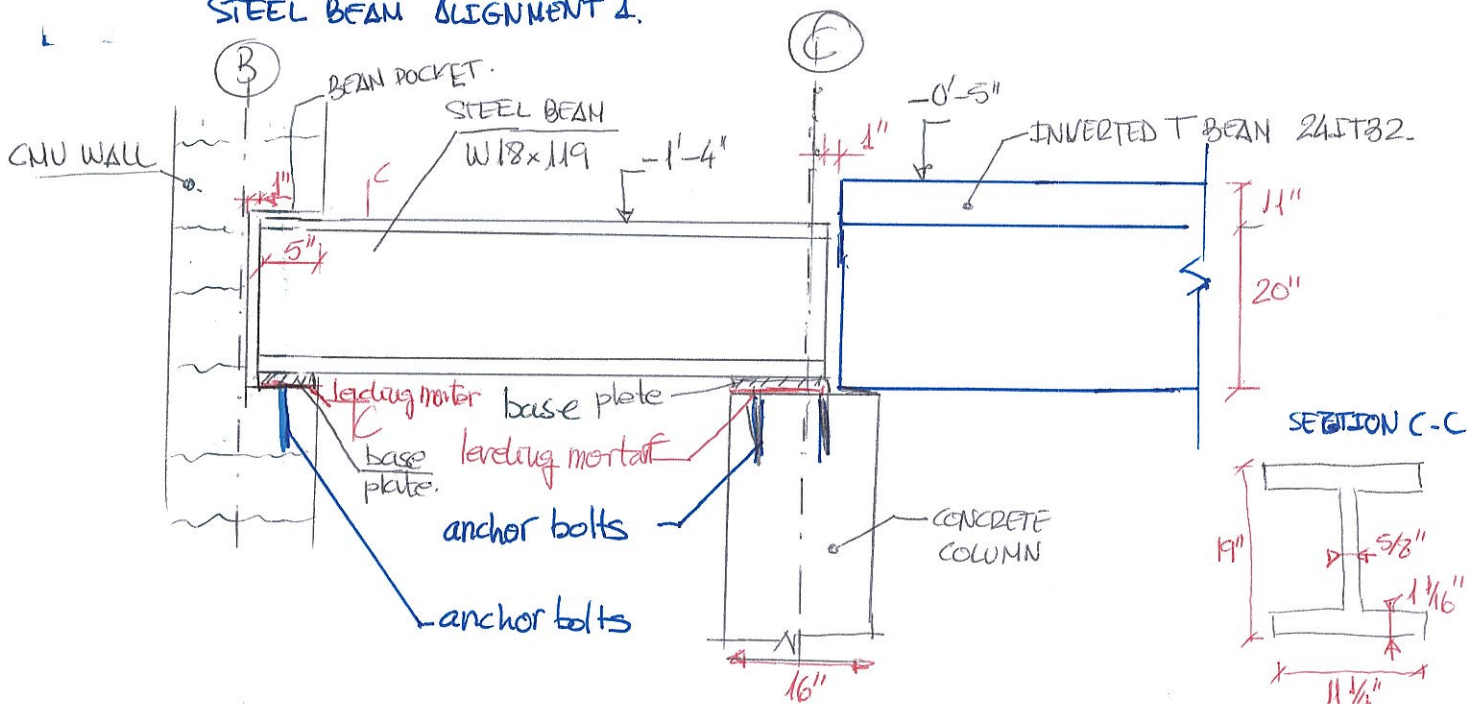
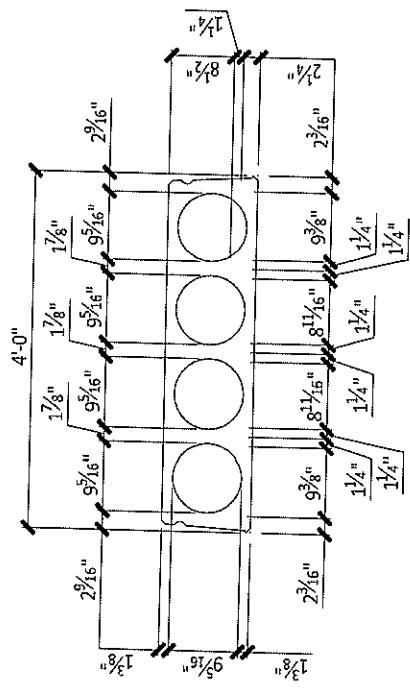


BEAM FRAME ALIGNMENT 2

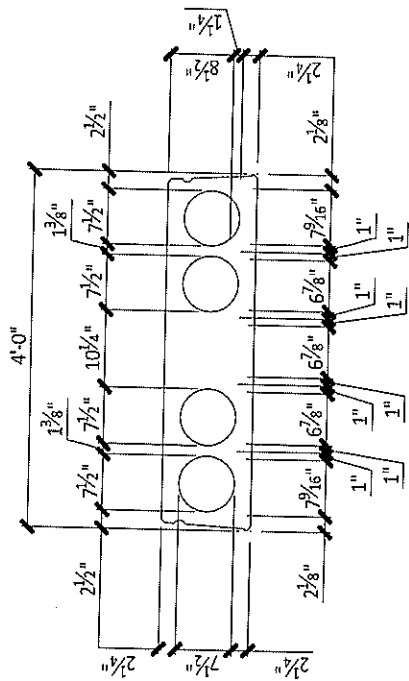


STEEL BEAM ALIGNMENT 1.

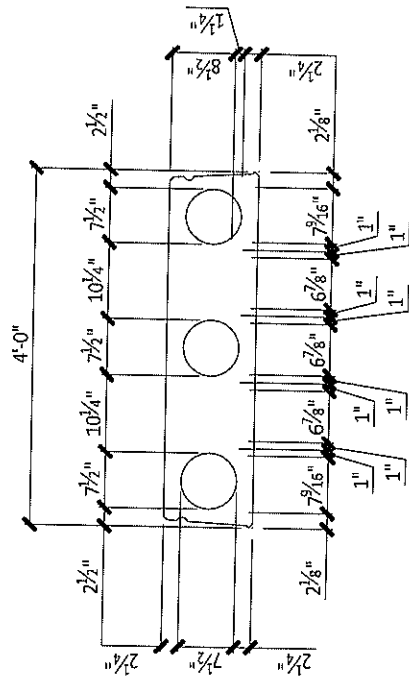




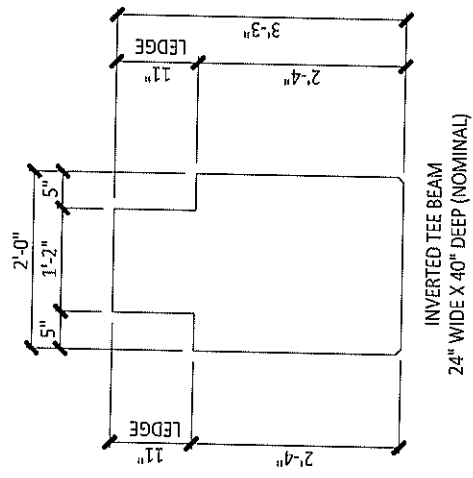
12" 'LIGHT' HOLLOWCORE PLANK



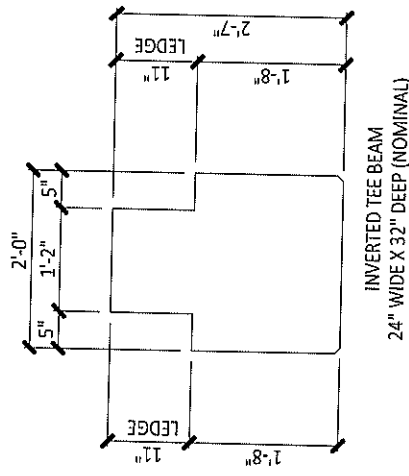
12" 'HEAVY' HOLLOWCORE PLANK



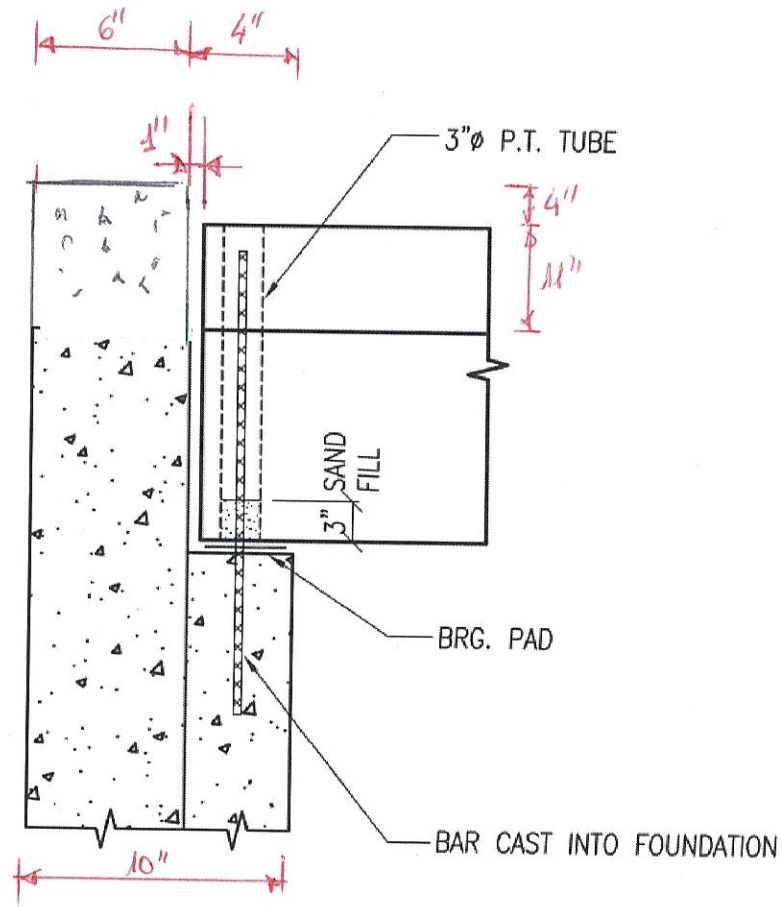
12" 'ULTRA HEAVY' HOLLOWCORE PLANK



INVERTED TEE BEAM
24" WIDE X 40" DEEP (NOMINAL)

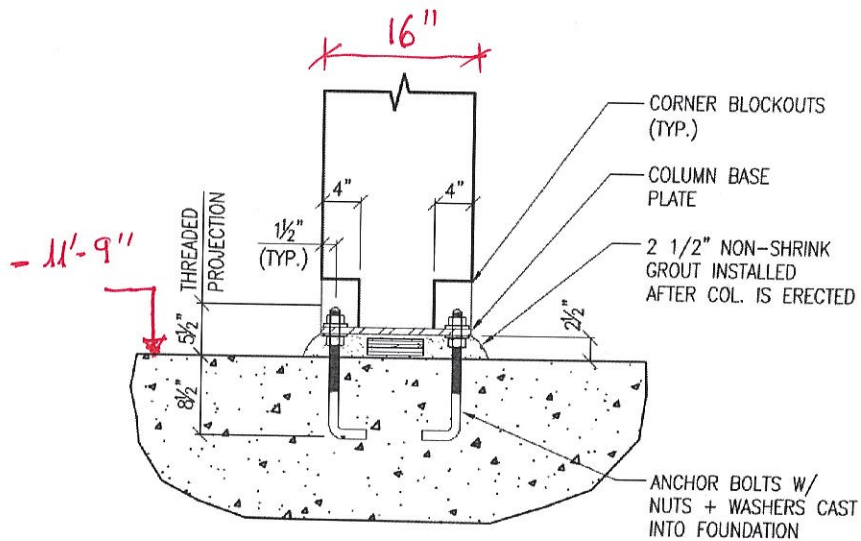


INVERTED TEE BEAM
24" WIDE X 32" DEEP (NOMINAL)



DETAIL 3W

Figure 14 Inverted tee beam to basement wall



DETAIL 1C

Figure 15: Column to foundation

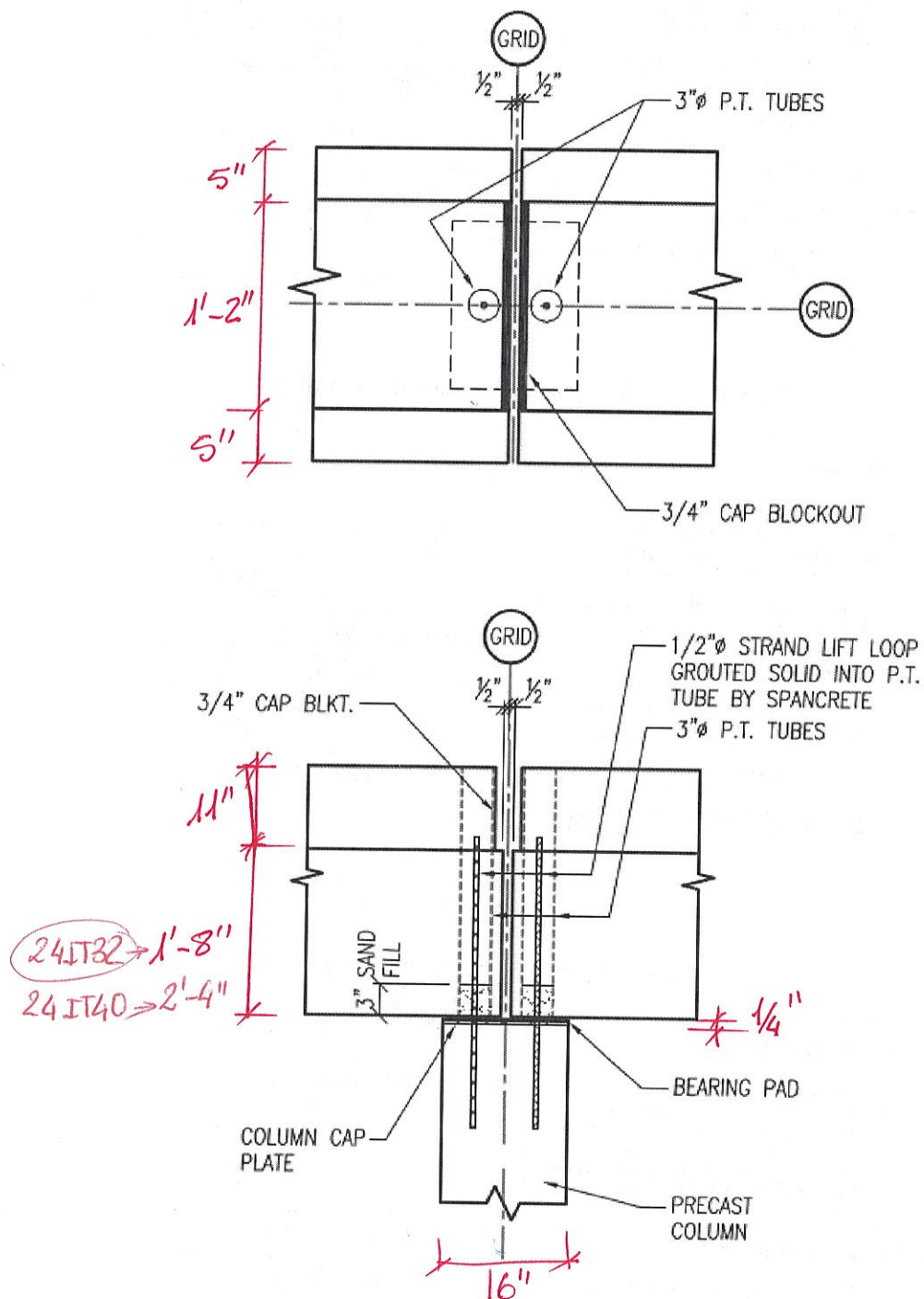
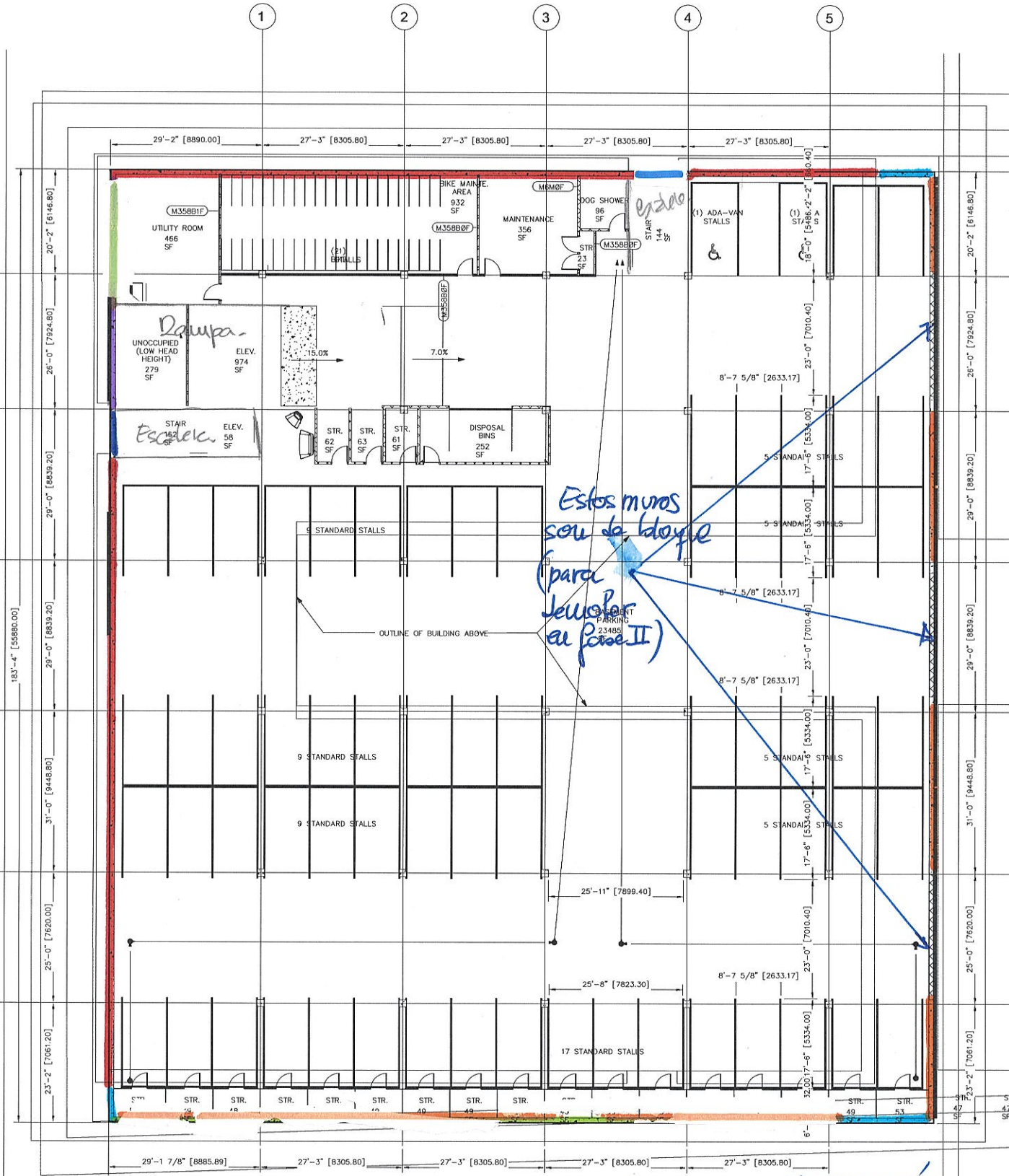


Figure 13: Inverted tee beam to column

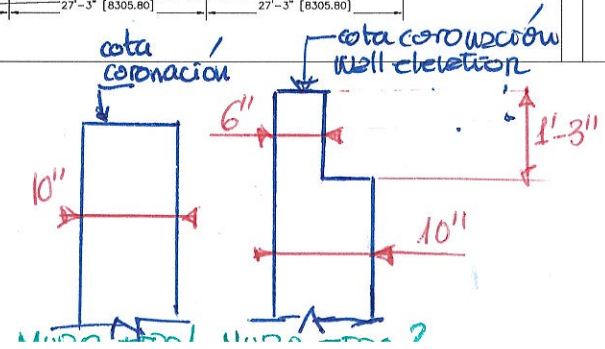
MURO PERIMETRAL. (Ver detalles alveoplares para montaje alveoplares)

BASEMENT WALL ELEVATIONS

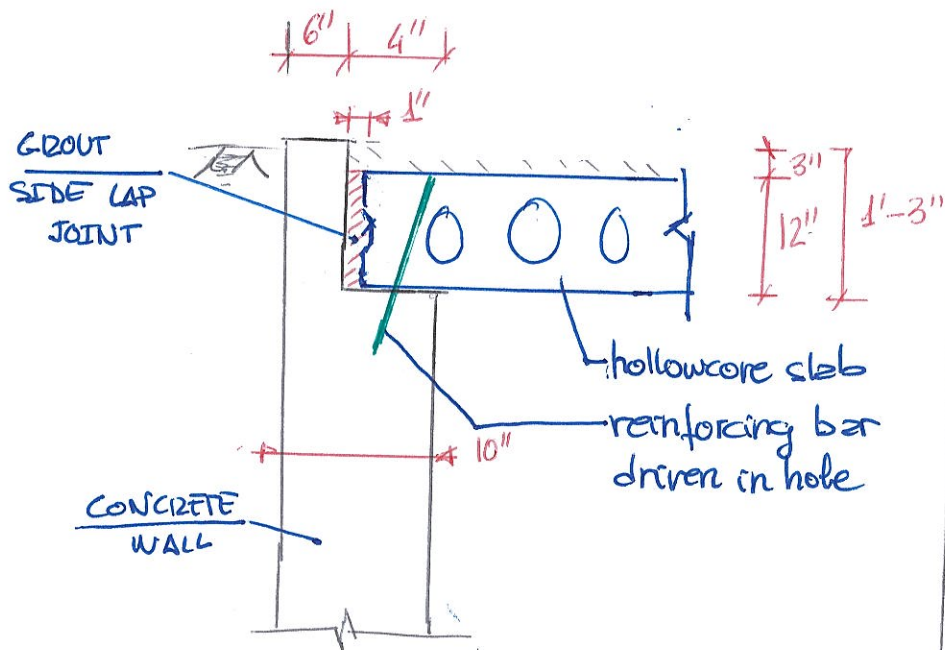


Estos muros son de bloques (para Jumbo Bar en fase II)

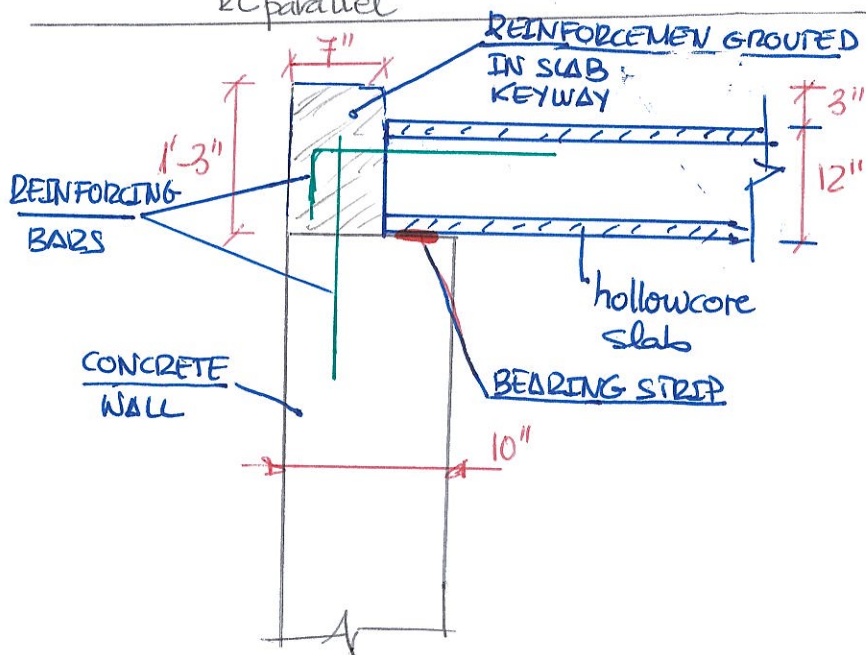
Wall type	1	2	3	4	5
Muro tipo 1	cota coronación	-1'-4"			
"	"	"	"	"	-2'-8"
"	"	2:	"	"	-0'-1"
"	"	2:	"	"	-1'-5"
"	"	1:	"	"	-3'-5"
"	"	1:	"	"	-0'-1"



DETAILS MURO PERIMETRAL.



DETAIL 1W: Slab to basement wall
RC parallel



DETAIL 2W: SLAB TO BASEMENT WALL RC

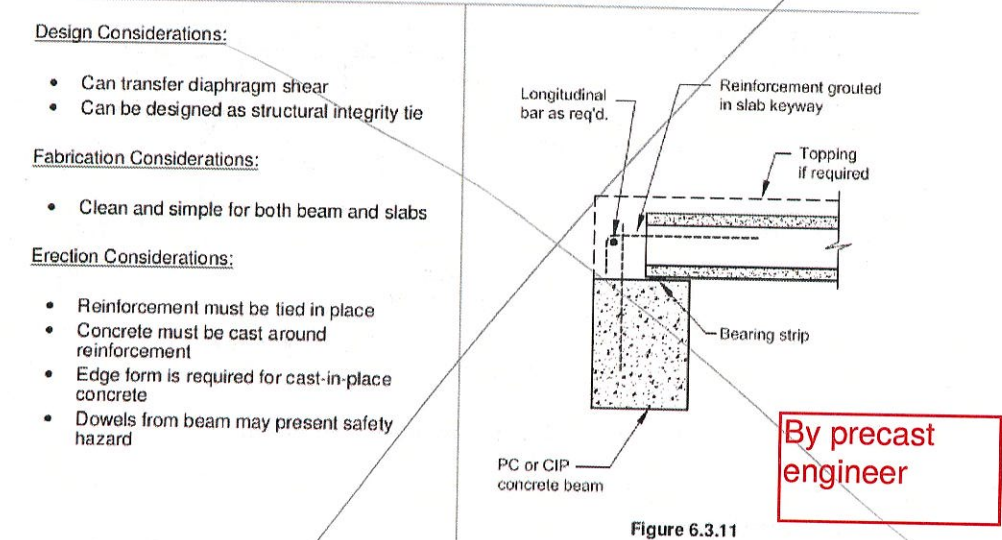


Figure 5: Slab to basement wall (RC beam over CMU)

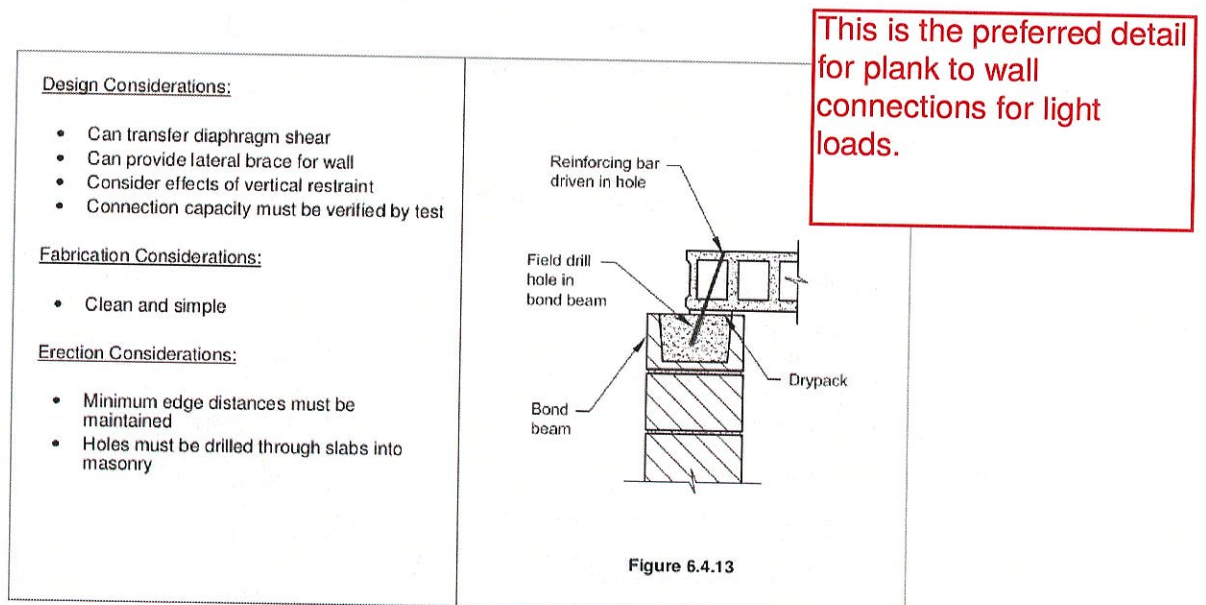


Figure 6: Slab to basement wall CMU parallel

Design Considerations:

- Can transfer diaphragm shear
- Provides lateral brace for steel beam
- Potential torsion on steel beam should be considered
- Will develop volume change restraint forces that must be considered in design of connection

Fabrication Considerations:

- Slab manufacturing system must allow for installation of bottom weld anchors

Erection Considerations:

- Welding of slabs to beam should be done as erection proceeds to brace beam
- Spacer may be required to make weld

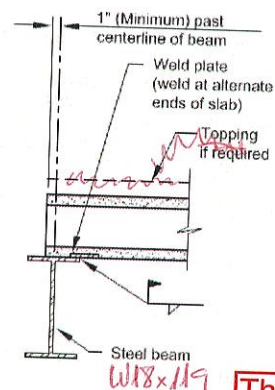


Figure 6.5.4

This is how we typically detail it.

Figure 10: Slab to steel beam single

Detail H1

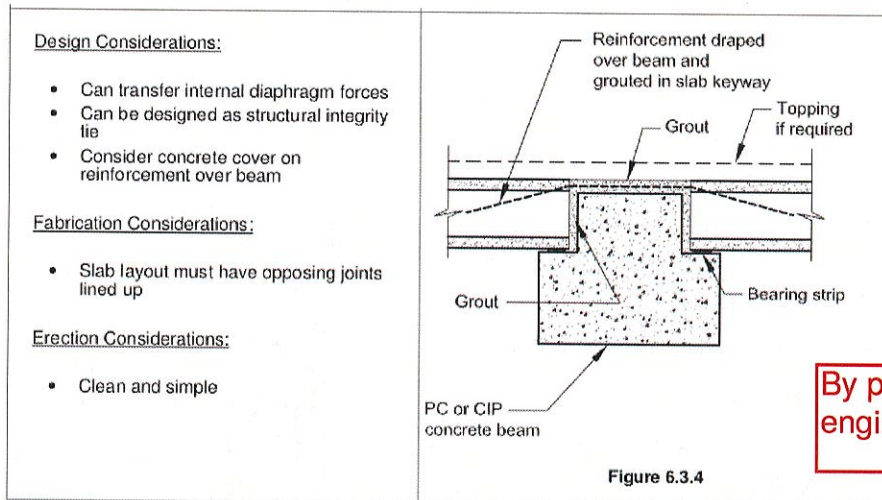
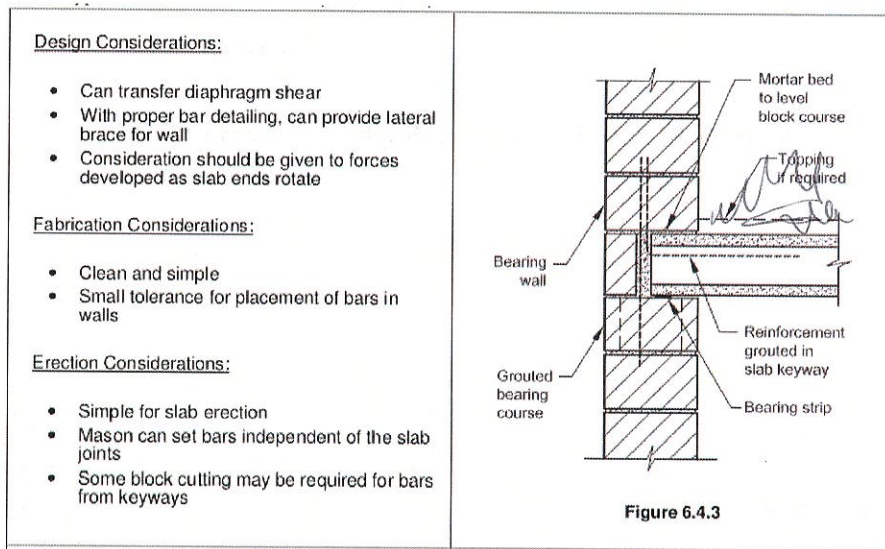
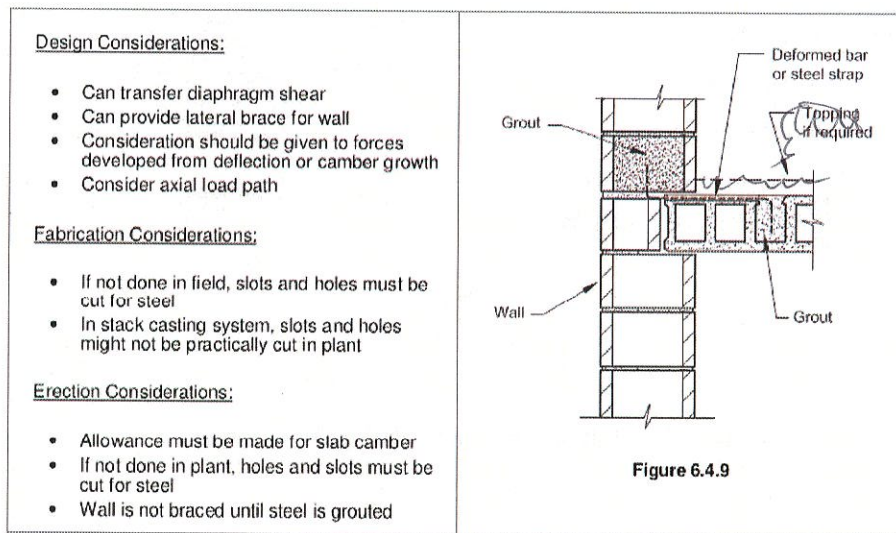


Figure 2: Slab to inverted tee beam



*muro perimetral
detalle 3.*

DETAIL 4W
Figure 3: Slab to ramp wall CMU



*muro perimetral
detalle 4.*

DETAIL 5W
Figure 4: Slab to ramp wall CMU parallel

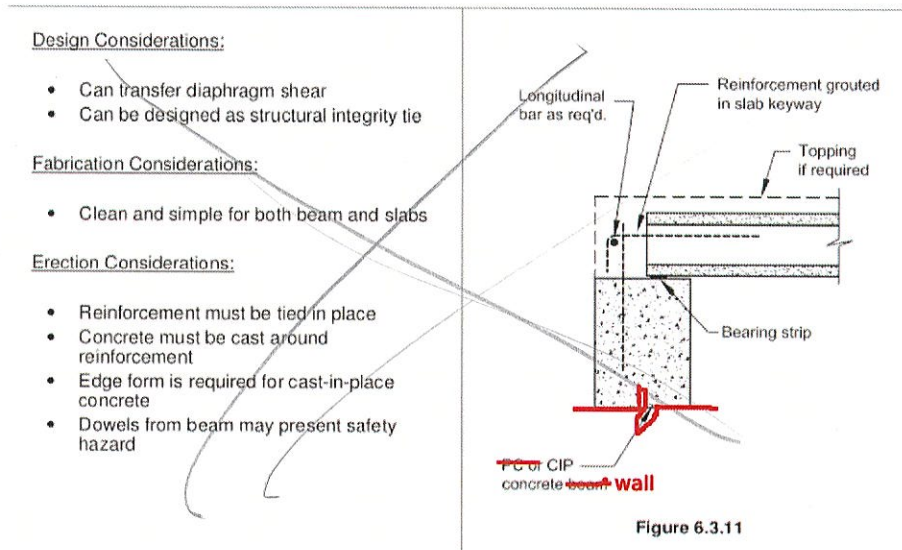
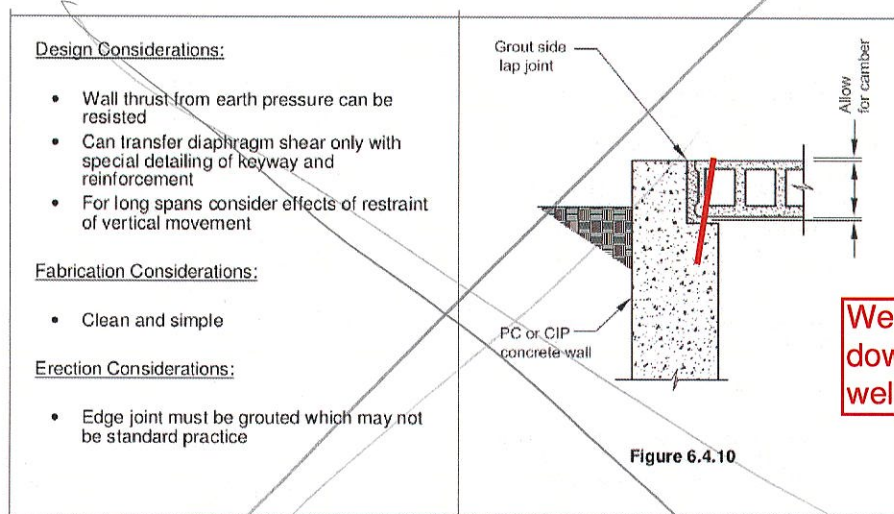
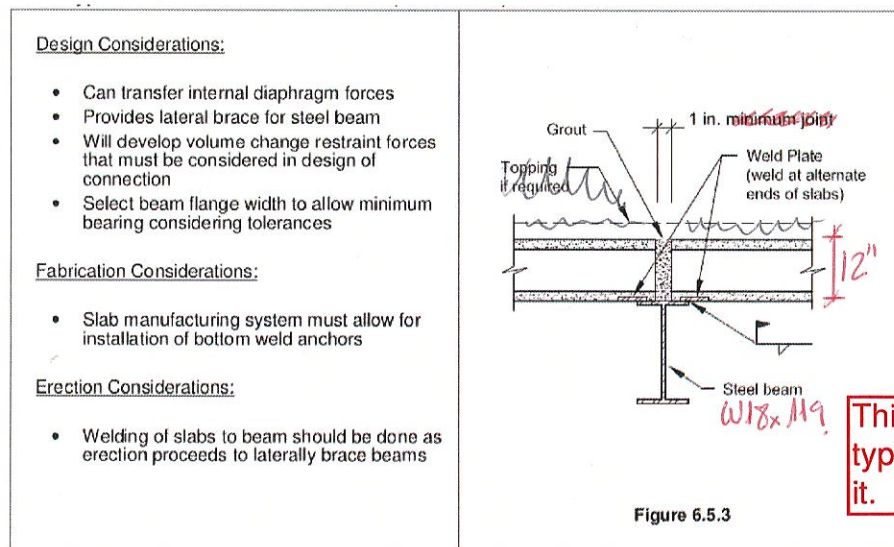


Figure 7: Slab to basement wall RC



We would dowel this as well

Figure 8: Slab to basement wall RC parallel



This is how we typically detail it.

Figure 9: Slab to steel beam double

Detail H2