

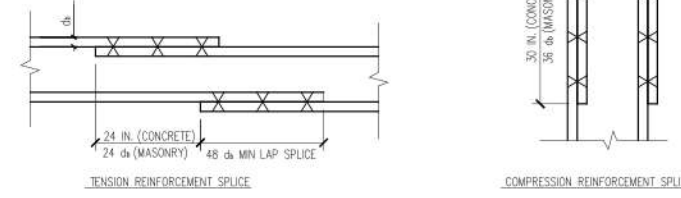
CONCRETE REINFORCING - $F_y = 60$ ksi

CONCRETE f'_c (psi)	#3*	#4	#5	#6	#7	#8	#9	#10	#11
2500	16	32	39	47	69	78	88	100	110
3000	15	29	36	43	63	72	81	91	101

- ALL SPLICES ARE CLASS B = 1.3 l_d
- *#3 BARS $l_d = 40$ ksi
- d_b - BAR DIAMETER

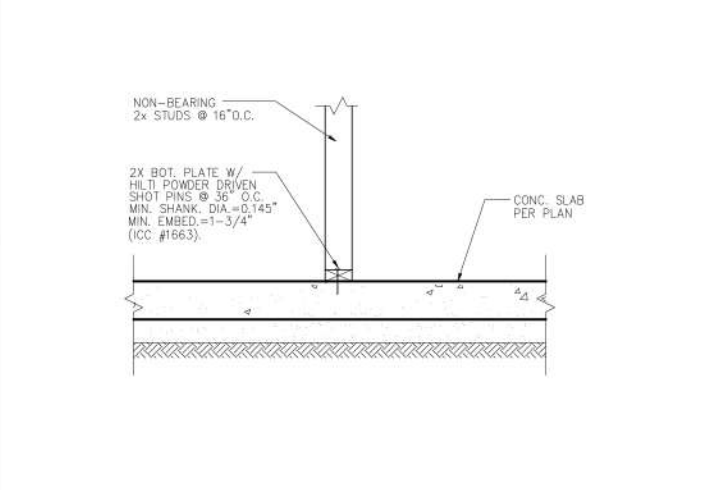
MASONRY REINFORCING - $F_y = 60$ ksi

$f_m = 1500$ psi (MIN.)	#3*	#4	#5	#6	#7	#8	#9	#10	#11
48d	18	24	30	36	42	48	54	61	68
72d	27	36	45	54	63	72	81	91	102



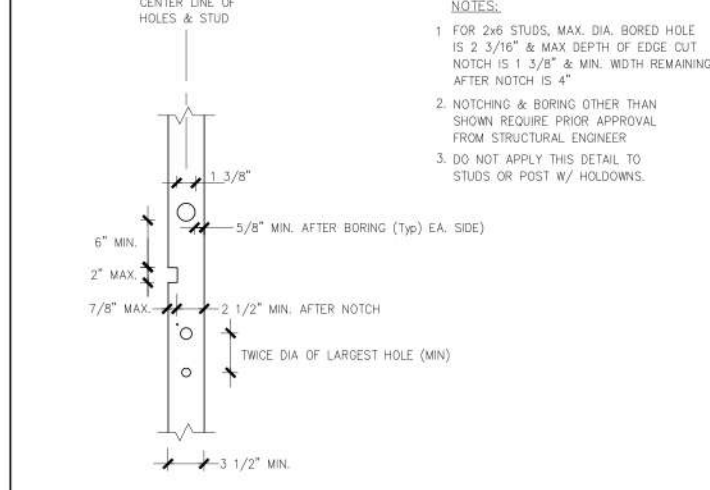
TYPICAL REBAR LAP SPLICE

13



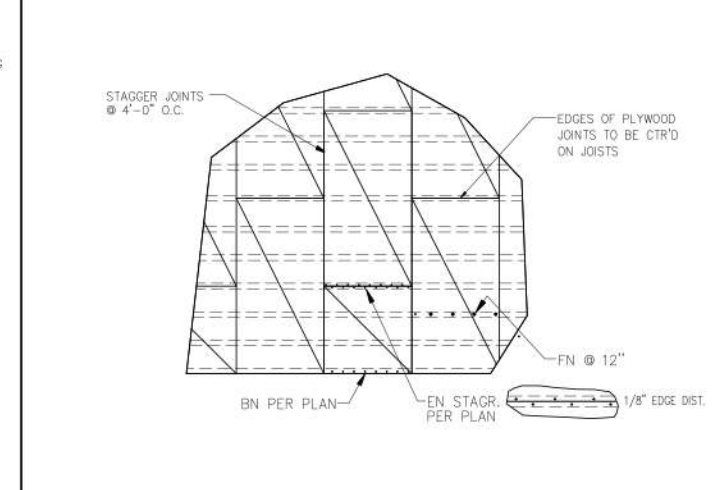
TYP. NON-BEARING WALL PARTITION

9



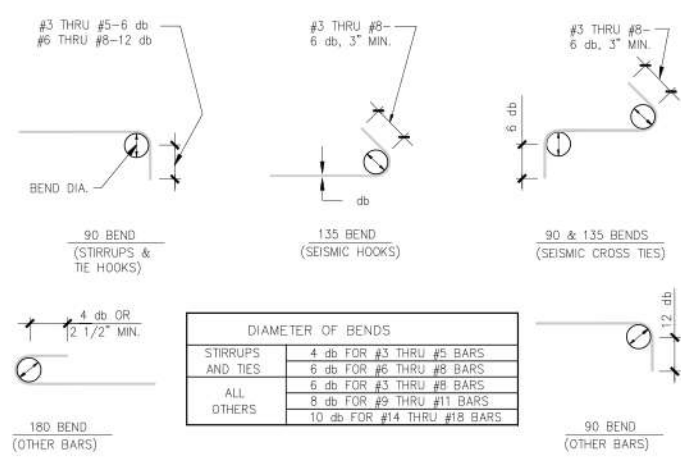
TYPICAL STUD NOTCHING AND BORING

5



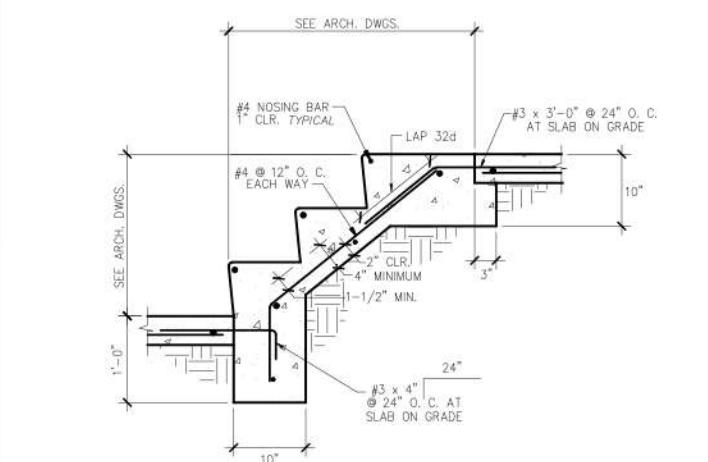
TYPICAL FLOOR AND ROOF SHEATHING LAYOUT

1



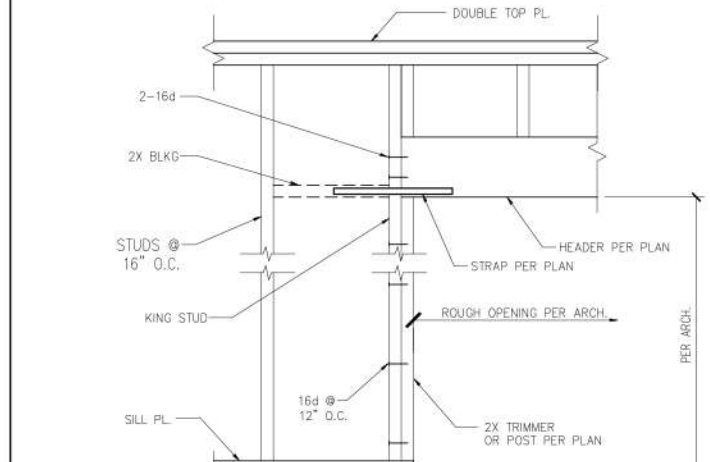
TYP REBAR STANDARD HOOKS

14



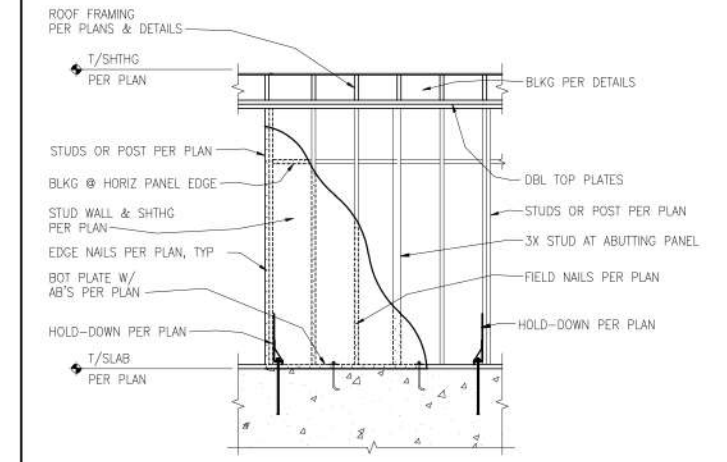
TYPICAL EXTERIOR CONCRETE STAIRS

10



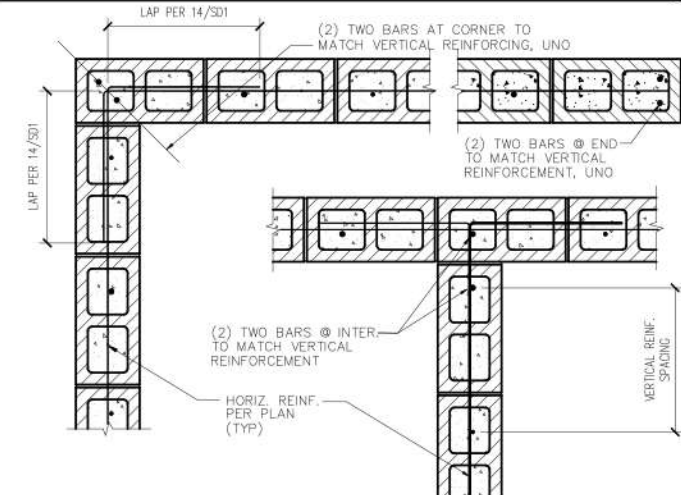
TYPICAL WALL HEADER CONNECTION

6



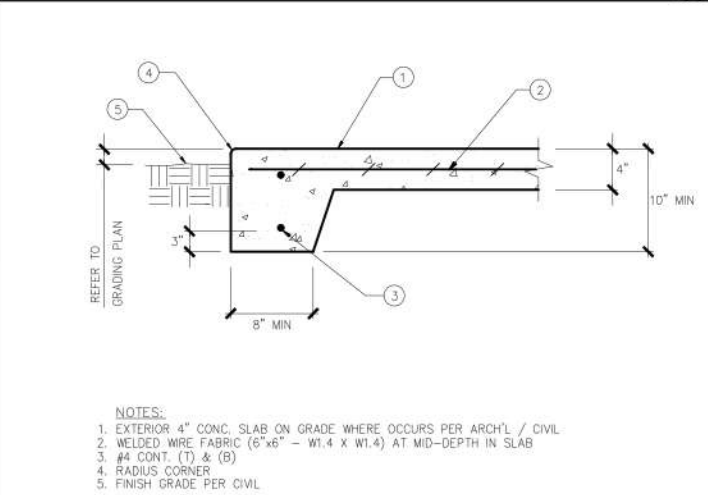
TYP. SHEARWALL ELEVATION

2



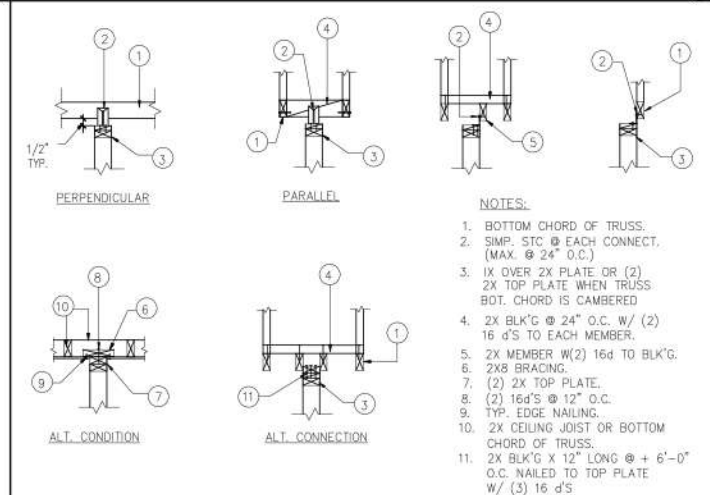
TYP REINFORCEMENT AT CMU WALL

15



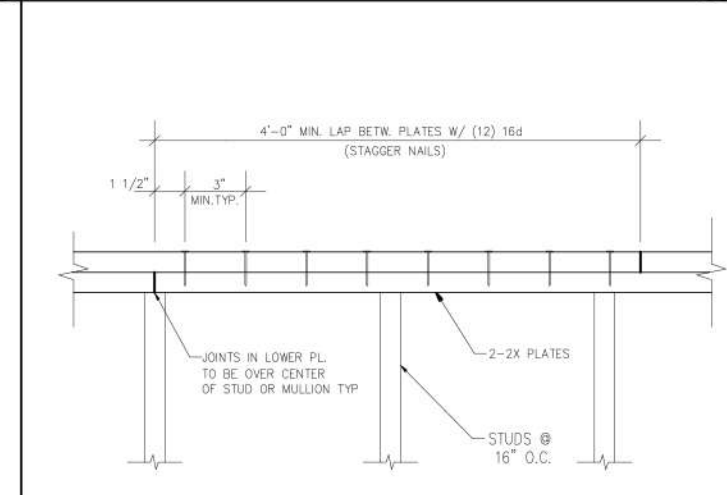
TYPICAL EXTERIOR CONCRETE SLAB ON GRADE

11



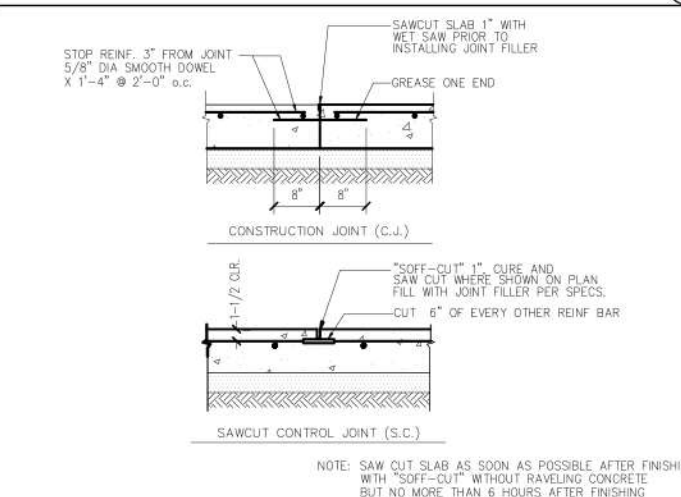
TYPICAL FRAMING TO NON-BEARING WALLS

7



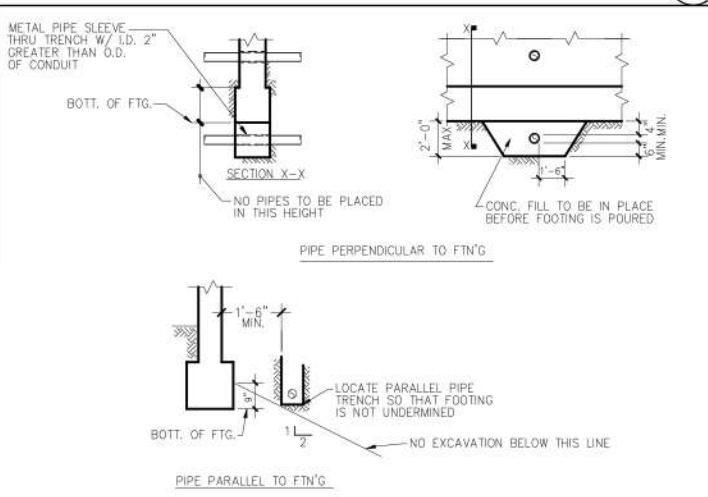
TYPICAL ELEVATION OF PLATE SPLICE

3



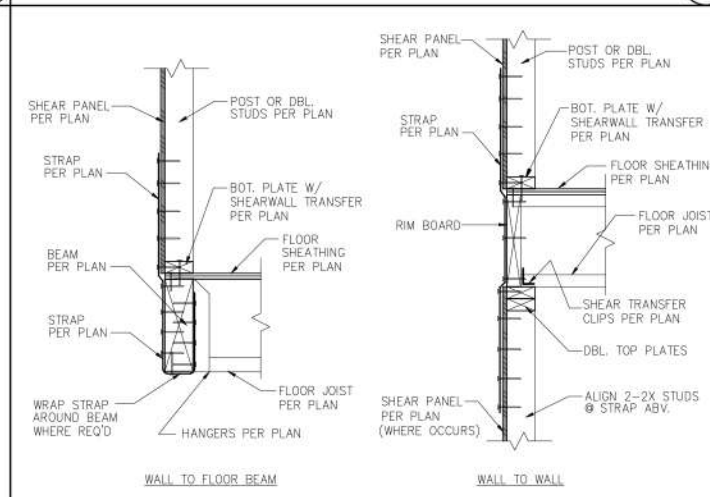
TYP CONTROL - CONSTRUCTION JOINT

16



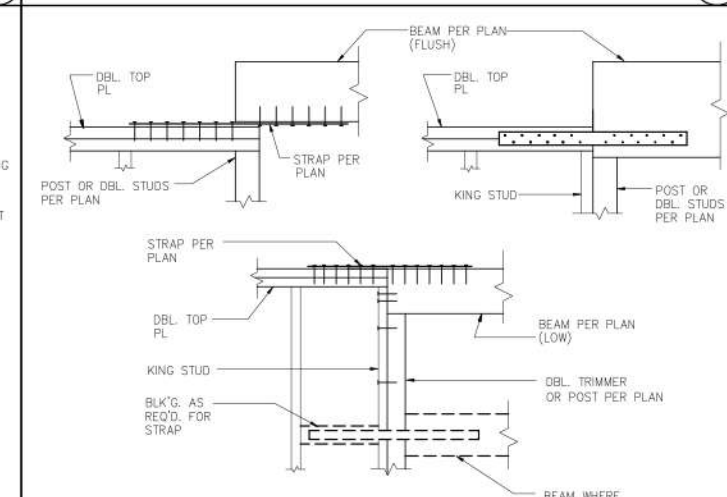
TYPICAL PIPE/TRENCH DETAIL

12



TYPICAL STRAP HOLDOWN CONNECTION

8



TYPICAL DRAG STRAPS TO BEAMS

4