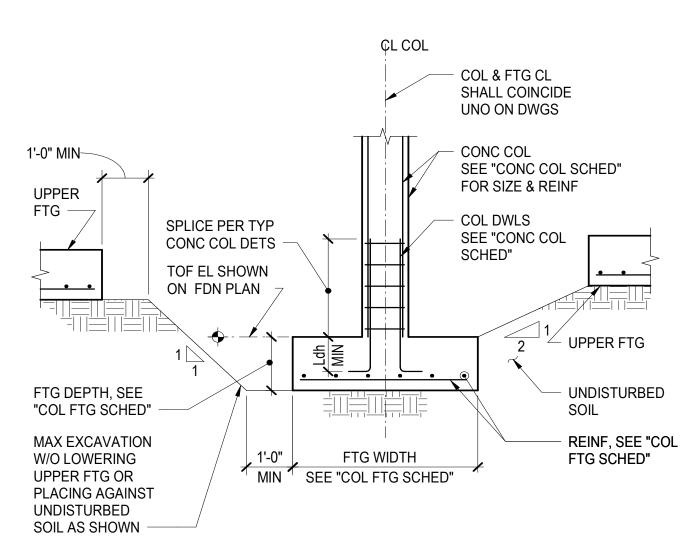


1. SEE "TYPICAL WALL FOOTING" DETAIL FOR ADDITIONAL INFORMATION. TYPICAL STEPPED WALL FOOTING

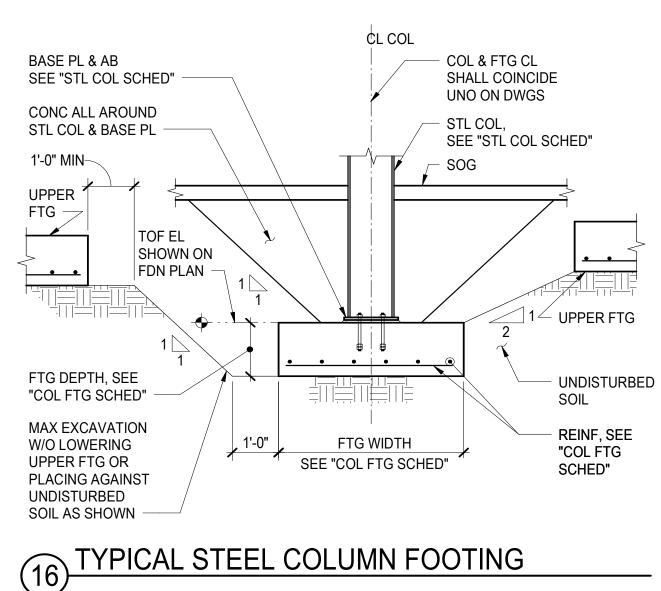
| COLUMN FOOTING SCHEDULE | | | | | | | |
|-------------------------|-------------------|---------|-----------------------------------|----------------------|--|--|--|
| MARK | SIZE | DEPTH | REINFORCING EACH WAY BOTTOM | REMARKS | | | |
| F1 | 6' - 0"x6' - 0" | 2' - 6" | #8 @ 12" | #5 @ 6" EW TOP REINF | | | |
| F2 | 10' - 0"x10' - 0" | 2' - 0" | (10) #7 | | | | |
| F3 | 12' - 0"x12' - 0" | 2' - 0" | (12) #8 | | | | |
| F4 | 7' - 0"x7' - 0" | 2' - 6" | (7) #7 | | | | |
| F5 | 12' - 0"x12' - 0" | 2' - 6" | (12) #8 | | | | |
| F6 | 15' - 0"x15' - 0" | 2' - 9" | (15) #8 | | | | |

NOTES: 1. SEE TYPICAL COLUMN FOOTING DETAILS.

6 COLUMN FOOTING SCHEDULE



(11) TYPICAL CONCRETE COLUMN FOOTING



(17) TYPICAL CONCRETE COLUMN REINFORCING SPLICE

TYPICAL COLUMN SPLICE TABLE (INCHES)

39

39

| fy = 60 ksi | fy = 60 ksi | fy = 60 ksi | fy = 80 ksi | fy = 80 ksi | fy = 80 ksi

61

COL VERT

TIES OR SPIRAL

PER COL SCHED

42

48

55

61

ABOVE SLAB BAR OFFSET

- DWL COL BAR

EXCEEDS 3"

OFFSET AT 1:6

WHERE OFFSET

IS 3" OR LESS

MAX SLOPE

OFFSET

SPLICE WHERE

OFFSET COL

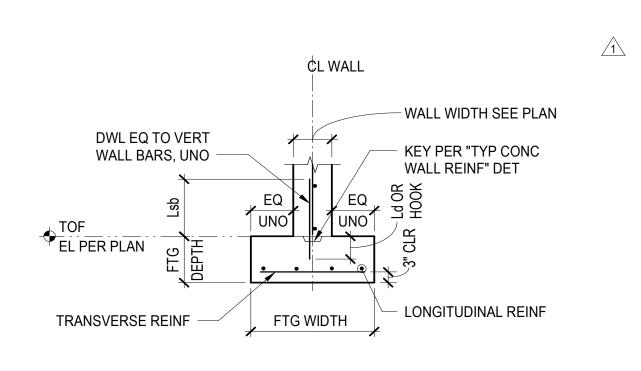
BARS TO INSIDE

OF BARS ABOVE

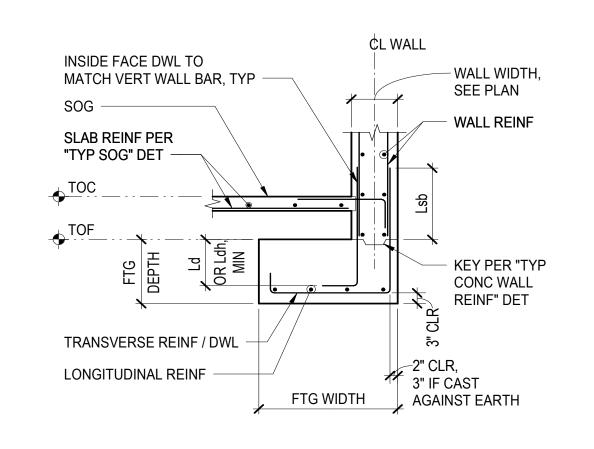
TIES OR SPIRAL

PER COL SCHED

W/1:6 MAX SLOPE



"T" TYPE WALL FOOTING



"L" TYPE WALL FOOTING

| WALL FOOTING SCHEDULE | | | | | | | | |
|-----------------------|---------|---------|--------------------------|------------------------|------------------|--|--|--|
| MARK | WIDTH | DEPTH | LONGITUDINAL REINFORCING | TRANSVERSE REINFORCING | REMARKS | | | |
| WF1 | 3' - 4" | 2' - 0" | (5) #6 | #6 @ 12" | L-SHAPED FOOTING | | | |
| WF2 | 1' - 6" | 1' - 0" | (3) #5 | #5 @ 12" | T-SHAPED FOOTIN | | | |

NOTES:

#10

39

1. SEE "TYPICAL COLUMN SPLICE TABLE" FOR

2. CLEAR DISTANCE BETWEEN THE TWO LAP

SET OF TIES AT OFFSET LOCATION.

NOR 1 1/2 INCHES

SPLICE BARS AND ADJACENT BARS SHALL

BE NOT LESS THAN 1.5 TIMES THE BAR DIA,

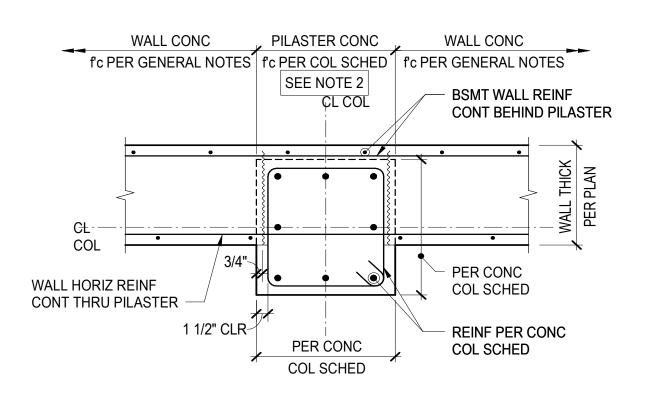
3. IF OFFSET IN VERTICAL BARS OCCURS OUTSIDE

THE HORIZONTAL FRAMING, PROVIDE ADDITIONAL

SPLICE LENGTH UNLESS NOTED OTHERWISE.

- 1. SEE "TYPICAL COLUMN FOOTING" DETAIL FOR EXCAVATION INFORMATION.
- 2. LAP SPLICE LONGITUDINAL REINFORCEMENT Lsb.
- 3. SEE "WALL FOOTING SCHEDULE" FOR DIMENSIONS AND REINFORCEMENT UNLESS NOTED OTHERWISE.

TYPICAL WALL FOOTING



- 1. CENTERLINES OF PILASTER AND COLUMN ABOVE COINCIDE UNLESS NOTED OTHERWISE ON PLAN. 2. CONCRETE AT PILASTER TO BE CAST IN PLACE. SHOTCRETE NOT PERMITTED AT

(8) TYPICAL PILASTER

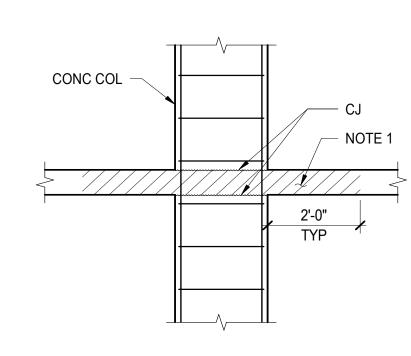
OCCURS

EXTD CORNER COL

VERTS AT CONTR'S

STABILITY DURING

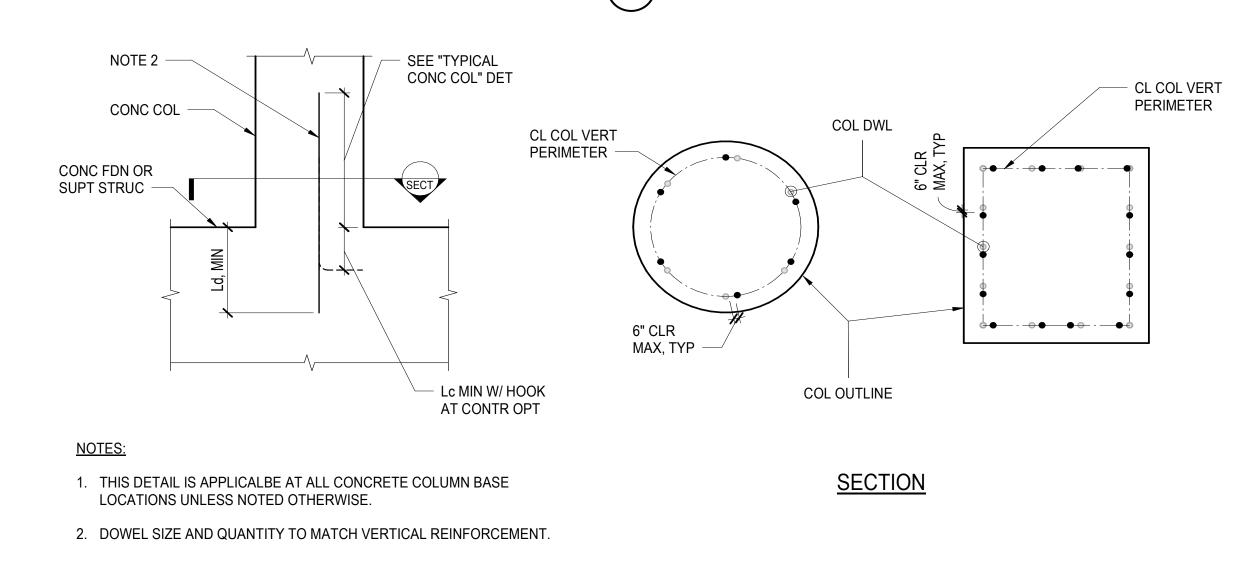
TYPICAL COL SPLICE CONSTRUCTION



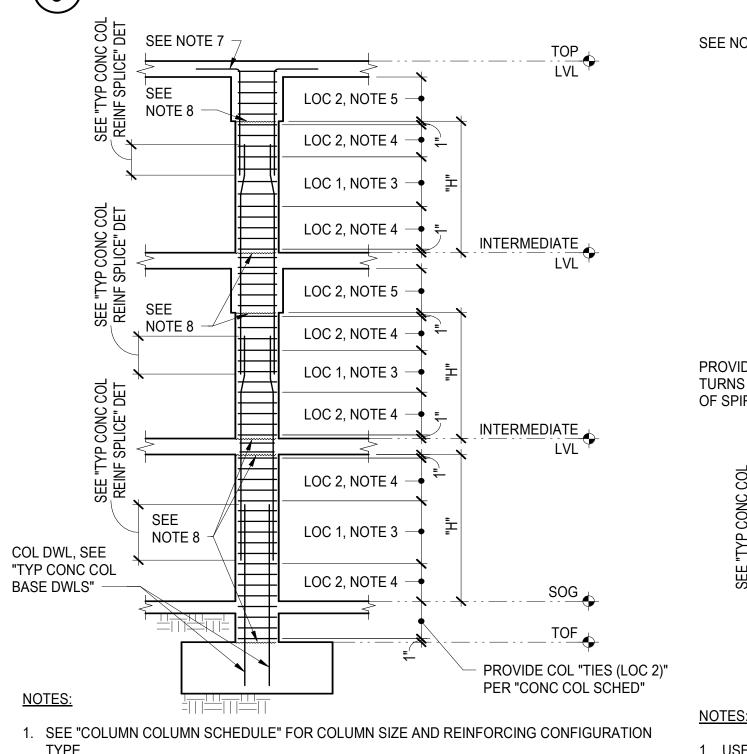
NOTES:

1. WHERE THE COLUMN CONCRETE fc IS GREATER THAN 1.4 TIMES THE SLAB CONCRETE f'c, PUDDLE CONCRETE WITH f'c EQUAL TO OR GREATER THAN THE COLUMN CONCRETE fc WITHIN THE HATCHED AREA.

TYPICAL CONCRETE PLACEMENT 5 AT COLUMN TO SLAB JOINT

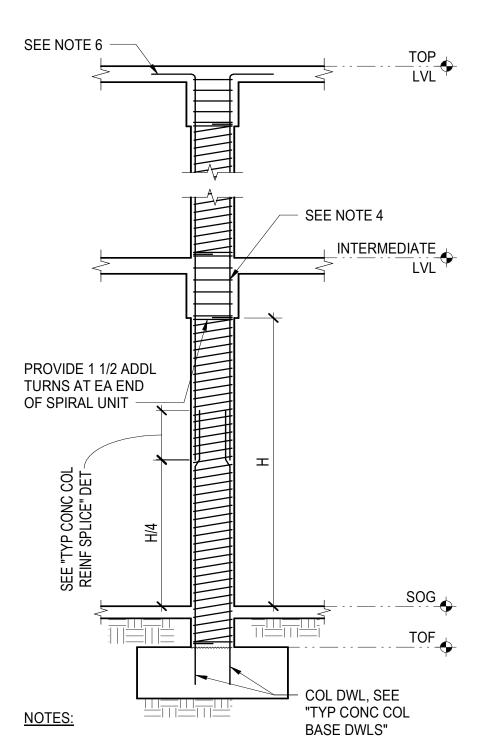


TYPICAL CONCRETE COLUMN BASE DOWELS



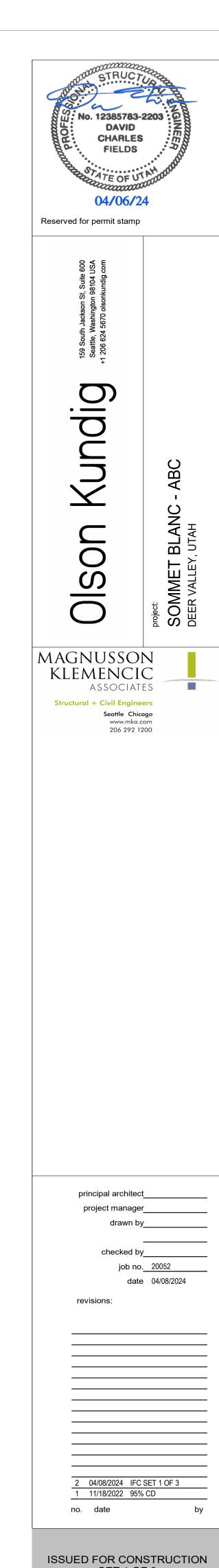
- 2. COLUMN VERTICAL REINFORCING SHALL BE SPECIAL DUCTILE QUALITY. SEE "GENERAL NOTES." 2. SEE "CONCRETE COLUMN SCHEDULE" FOR COLUMN SIZE AND REINFORCING
- 3. SEE "CONCRETE COLUMN TYPE SCHEDULE" UNDER "LOC 1 TIES" FOR TIE SIZE, SPACING, AND REINFORCING CONFIGURATION. REINFORCING CONFIGURATION TYPE IS NOTED IN [].
- 4. FOR H/6, MAXIMUM COLUMN DIMENSION, OR 18 INCHES (WHICHEVER IS GREATER), SEE "COLUMN TYPE SCHEDULE" UNDER "LOC 2 TIES" FOR TIE SIZE, SPACING, AND REINFORCING CONFIGURATION. REINFORCING CONFIGURATION TYPE IS NOTED IN [
- PROVIDE "LOC 2 TIES" THROUGHOUT THE BEAM AND SLAB DEPTH, EXCEPT THAT THE TIE SPACING MAY BE INCREASED TO 6" WHERE BEAMS FRAME INTO FOUR SIDES OF COLUMN FOR THE DEPTH OF THE MOST SHALLOW BEAM.
- 6. AT CONTRACTOR'S OPTION, COLUMN VERTICAL BARS MAY BE EXTENDED UP ADDITIONAL FLOOR LEVELS WITHOUT SPLICING BETWEEN FLOORS.
- 7. PLACE HORIZONTAL HOOKS DIRECTLY BELOW TOP BARS OF BEAMS OR SLABS. SPLAY HOOKS AS NECESSARY TO RELIEVE BAR CONGESTION. AT CONTRACTOR'S OPTION, HOOKS MAY BE PLACED TOWARD THE INSIDE OF THE COLUMN.
- OPT AS NEEDED FOR 8. UNLESS NOTED OTHERWISE, COLUMN CONSTRUCTION JOINTS SHALL BE AT THE UNDERSIDE OF FLOOR SLABS, BEAMS, OR GIRDERS, AND AT THE TOPS OF FOOTINGS OR FLOOR SLABS. BEAMS, GIRDERS, BRACKETS, COLUMNS CAPITALS, HAUNCHES, AND DROP PANELS SHALL BE PLACED AT THE SAME TIME AS SLABS.

TYPICAL CONCRETE COLUMN



- 1. USE THIS DETAIL WHEN NOTED "SPIRAL" IN THE "CONCRETE COLUMN TYPE SCHEDULE."
- CONFIGURATION TYPE.
- 3. SPIRALS SHALL BE CONTINUOUS FROM TOP OF SLAB OR FOOTING TO SLAB OR BEAM SOFFIT ABOVE.
- 4. EXTEND SPIRALS CONTINUOUSLY THROUGHOUT THE BEAM AND SLAB DEPTH OR PROVIDE CIRCULAR TIES AT SIZE AND SPACING TO MATCH SPIRAL SIZE AND PITCH. THE TIE SPACING MAY BE INCREASED TO 6" WHERE BEAMS FRAME INTO FOUR SIDES OF THE COLUMN FOR THE DEPTH OF THE MOST SHALLOW BEAM.
- 5. AT CONTRACTOR'S OPTION, COLUMN VERTICAL BARS MAY BE EXTENDED UP ADDITIONAL FLOOR LEVELS WITHOUT SPLICING BETWEEN FLOORS.
- 6. PLACE HORIZONTAL HOOKS DIRECTLY BELOW TOP BARS OF BEAMS OR SLABS. SPLAY HOOKS AS NECESSARY TO RELIEVE BAR CONGESTION. AT CONTRACTOR'S OPTION, HOOKS MAY BE PLACED TOWARD THE INSIDE OF THE COLUMN.
- 7. UNLESS NOTED OTHERWISE, COLUMN CONSTRUCTION JOINTS SHALL BE AT THE UNDERSIDE OF FLOOR SLABS, BEAMS, OR GIRDERS, AND AT THE TOPS OF FOOTINGS OR FLOOR SLABS. BEAMS, GIRDERS, BRACKETS, COLUMNS CAPITALS, HAUNCHES, AND DROP PANELS SHALL BE PLACED AT THE SAME TIME AS SLABS.

TYP CONCRETE COLUMN SPIRAL REINFORCING



ISSUED FOR CONSTRUCTION SET 1 OF 3 04/08/2024

TYPICAL CONCRETE **COLUMN DETAILS**