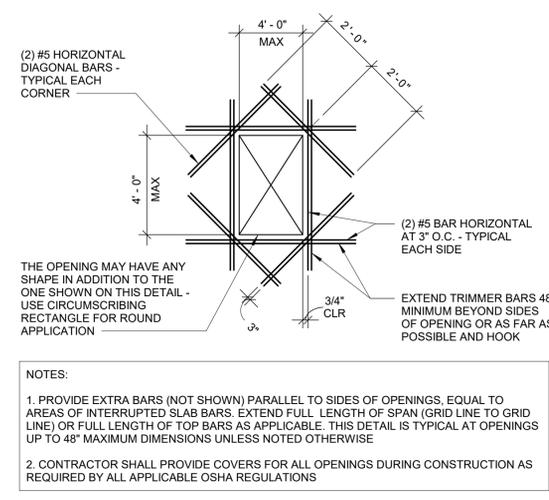


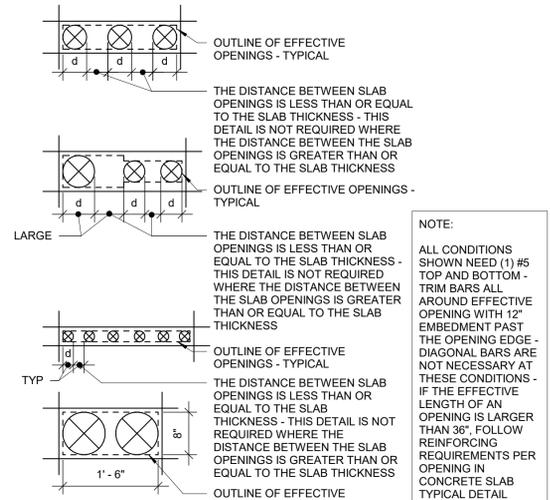
NOTE:  
CONTRACTOR SHALL OBTAIN APPROVAL OF CONSTRUCTION JOINT LOCATION PRIOR TO PLACEMENT OF CONCRETE - MAXIMUM LENGTH OF POUR BETWEEN CONSTRUCTION JOINTS = 75'-0"

40 TYPICAL DETAIL - CONSTRUCTION JOINT IN CONCRETE BEAM  
S-007 NOT TO SCALE  
17-036



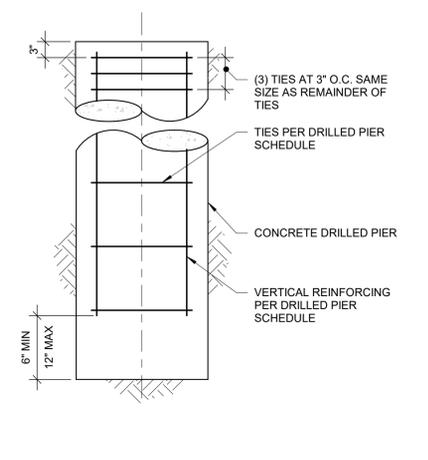
NOTES:  
1. PROVIDE EXTRA BARS (NOT SHOWN) PARALLEL TO SIDES OF OPENINGS, EQUAL TO AREAS OF INTERRUPTED SLAB BARS. EXTEND FULL LENGTH OF SPAN (GRID LINE TO GRID LINE) OR FULL LENGTH OF TOP BARS AS APPLICABLE. THIS DETAIL IS TYPICAL AT OPENINGS UP TO 48" MAXIMUM DIMENSIONS UNLESS NOTED OTHERWISE  
2. CONTRACTOR SHALL PROVIDE COVERS FOR ALL OPENINGS DURING CONSTRUCTION AS REQUIRED BY ALL APPLICABLE OSHA REGULATIONS

37 TYPICAL DETAIL - PLAN VIEW - OPENING IN CONCRETE SLAB ON GRADE  
S-007 NOT TO SCALE  
17-036

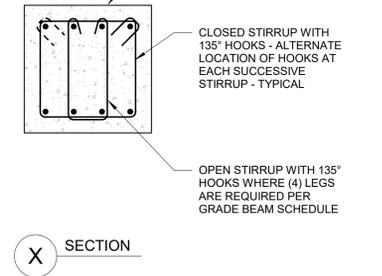
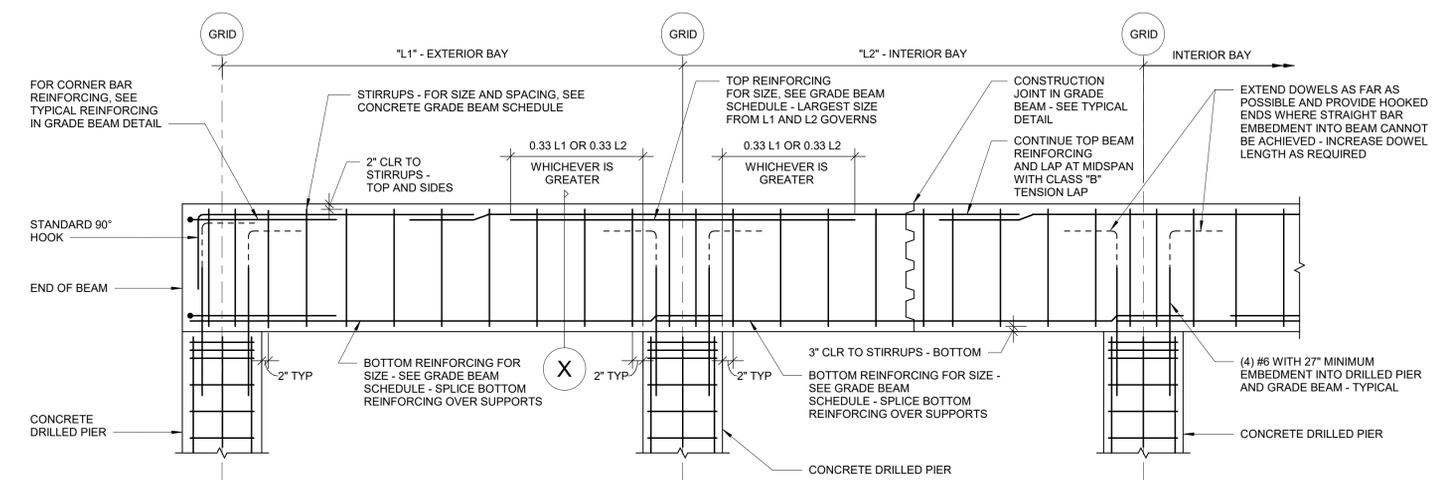


NOTE:  
ALL CONDITIONS SHOWN NEED (1) #5 TOP AND BOTTOM TRIM BARS ALL AROUND EFFECTIVE OPENING WITH 12" EMBEDMENT PAST THE OPENING EDGE - DIAGONAL BARS ARE NOT NECESSARY AT THESE CONDITIONS - IF THE EFFECTIVE LENGTH OF AN OPENING IS LARGER THAN 36", FOLLOW REINFORCING REQUIREMENTS PER OPENING IN CONCRETE SLAB TYPICAL DETAIL

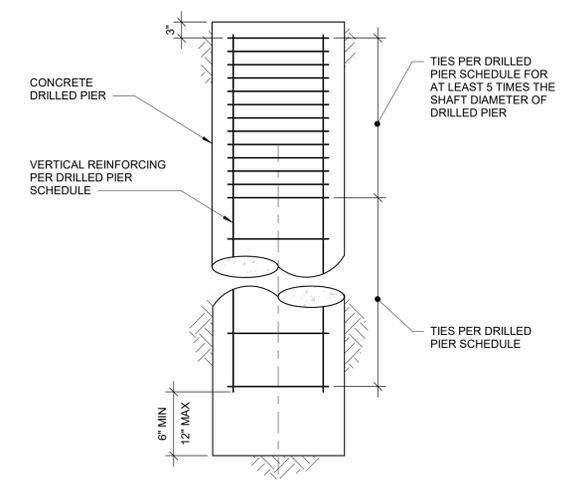
34 TYPICAL DETAIL - SMALL MULTIPLE OPENINGS IN CONCRETE SLAB OR WALL  
S-007 NOT TO SCALE  
17-036



31 TYPICAL DETAIL - CONCRETE DRILLED PIER  
S-007 NOT TO SCALE  
17-036

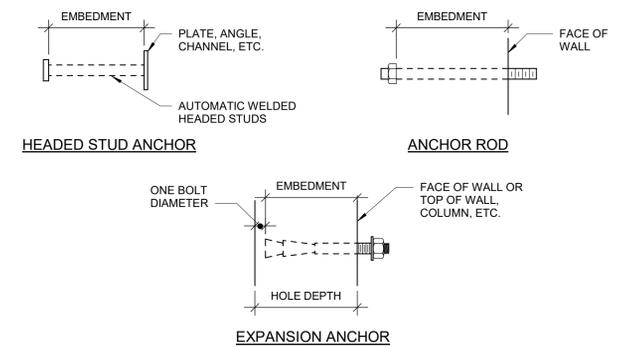


41 TYPICAL DETAIL - ELEVATION OF REINFORCING IN CONCRETE GRADE BEAM AT CONCRETE DRILLED PIERS  
S-007 NOT TO SCALE  
17-036

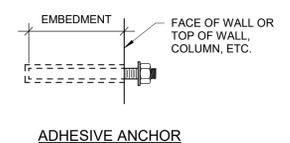


32 TYPICAL DETAIL - CONCRETE DRILLED PIER SUPPORTING LATERAL FORCE RESISTING SYSTEM ELEMENTS  
S-007 NOT TO SCALE  
17-036

ANCHOR AND EXPANSION ANCHOR SCHEDULE - FOR COLUMN ANCHOR RODS, SEE BASE PLATE SCHEDULE			
ANCHOR TYPE	DIAMETER	VERTICAL EMBEDMENT LENGTH	HORIZONTAL EMBEDMENT LENGTH
ALL	1/2"	6"	5"
ALL	5/8"	6"	5"
ALL	3/4"	7"	5"
ANCHOR RODS / HEADED STUDS	7/8"	8"	6"
ANCHOR ROD	1"	9"	7"
ANCHOR ROD	1 1/4"	11"	9"
ANCHOR ROD	1 1/2"	12"	10"



THREADED ANCHOR DIAMETER	VERTICAL AND HORIZONTAL ANCHOR EMBEDMENT LENGTH	
	CONCRETE	MASONRY
1/2"	6"	5"
5/8"	6"	6"
3/4"	7"	7"
7/8"	8"	N/A
1"	9"	N/A
1 1/4"	11"	N/A



ADHESIVE ANCHOR NOTES:  
1. PROVIDE ADHESIVE ANCHORS PER THIS SCHEDULE UNLESS NOTED OTHERWISE ON PLANS OR DETAILS.  
2. ADHESIVE ANCHORS USED IN MASONRY SHALL BE INSTALLED IN GROUTED CELLS - IF GROUTED CELLS ARE NOT ENCOUNTERED, BREAK OUT CELL AND GROUT SOLID FOR 8" ALL-AROUND EACH ANCHOR LOCATION.  
3. THREADED ANCHOR AND ADHESIVE SHALL BE SUPPLIED BY THE MANUFACTURER.  
4. THREADED ANCHORS SHALL BE INSTALLED WITH STEEL WASHERS.  
5. APPROVED MANUFACTURERS OF ADHESIVE ANCHORS IN CONCRETE AND MASONRY PER GENERAL STRUCTURAL NOTES.

HEADED STUD ANCHOR, ANCHOR ROD, AND EXPANSION ANCHOR NOTES:  
1. PROVIDE ANCHORS AND EXPANSION ANCHORS PER THIS SCHEDULE UNLESS NOTED OTHERWISE IN PLANS OR DETAILS (J-BOLTS ARE NOT ACCEPTABLE).  
2. ANCHORS USED IN MASONRY SHALL BE IN GROUTED CELLS - IF GROUTED CELLS ARE NOT ENCOUNTERED, BREAK INTO CELLS AND GROUT SOLID FOR 8" MINIMUM ALL-AROUND EACH ANCHOR LOCATION.  
3. APPROVED MANUFACTURERS OF EXPANSION ANCHORS IN CONCRETE AND MASONRY PER GENERAL STRUCTURAL NOTES.

42 TYPICAL DETAIL - ANCHOR, ANCHOR ROD, EXPANSION ANCHOR AND ADHESIVE ANCHOR SCHEDULE  
S-007 NOT TO SCALE  
17-036