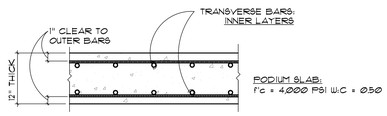
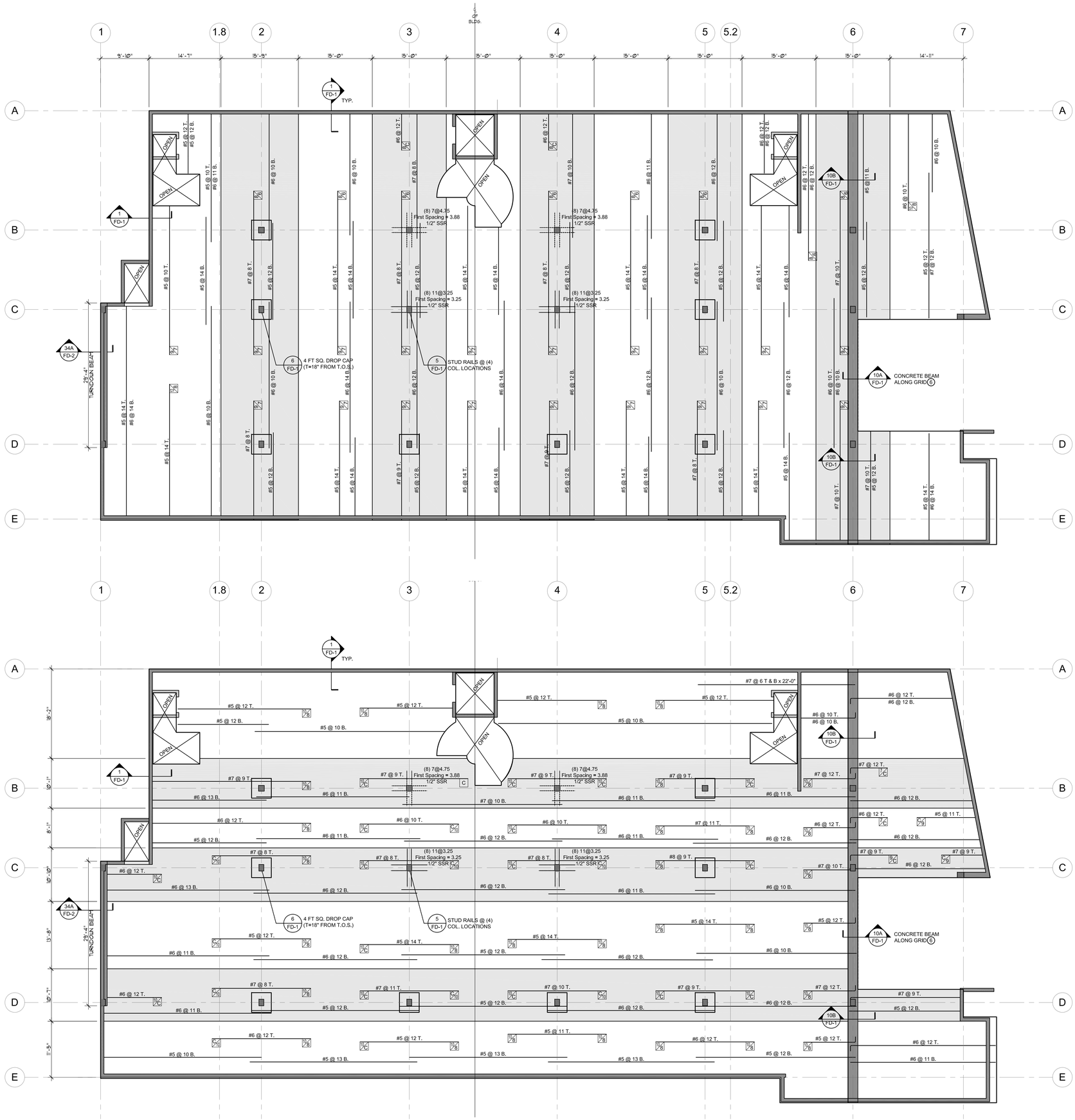
TRANSVERSE SLAB STEEL PLAN

SCALE 1/8"=1'-0"

STRUCTURAL SLAB PROFILE:

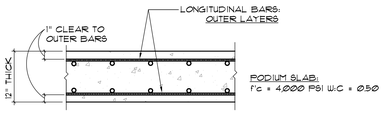




LONGITUDINAL SLAB STEEL PLAN

SCALE 1/8"=1'-0"

STRUCTURAL SLAB PROFILE:



STRUCTURAL SLAB NOTES:

1. SHADED AREAS INDICATE WIDTH OVER WHICH COLUMN STRIP REINFORCING WILL BE DISTRIBUTED, BUT WILL NOT ALWAYS MATCH MINIMUM DIMENSIONED STRIP WIDTH.
2. MINIMUM LENGTH REQUIREMENTS FOR TOP BARS, BEYOND WALL OR CENTERLINE OF COLUMN, ARE SPECIFIED IN DETAILS 8/FD-1, 9/FD-1 AND 12/FD-1
3. BOTTOM BAR LAYOUT AND CUT-OFFS ARE SHOWN ON DETAILS 8/FD-1, 11/FD-1, 12/FD-1
4. ALL BARS SHALL BE CONTINUOUS TO EXTENT OF CANTILEVER SLAB IF APPLICABLE.
5. INDICATES THAT SPECIAL TOP BAR LENGTHS ARE REQUIRED. TOP AND BOTTOM HALF OF SYMBOL EACH INDICATE REQUIREMENTS FOR 1/2 OF TOTAL TOP BARS. NUMBER ENCLOSED REPRESENTS LENGTH OF BARS (IN FEET) PAST FACE OF COLUMN, GRID LINE OR WALL. SYMBOL "C" INDICATES BARS TO BE CONTINUED TO THE NEXT PERPENDICULAR GRID LINE, COLUMN OR WALL SUPPORT LOCATION.
6. SEE DETAIL 10/FD-1 FOR MORE INFORMATION REGARDING CONCRETE BEAMS WHERE SHOWN ON THE PLANS
7. SEE 13/FD-1 FOR SLAB DEPRESSION WHERE APPLICABLE. REFER TO ARCHT. PLANS TO VERIFY ALL SLAB DEPRESSIONS, SLOPES, DRAINS, AND SLAB RECESS LOCATIONS DUE TO FLOOR FINISH MATERIALS WHERE OCCURS.
8. SEE 16/FD-1 FOR DUCT OPENINGS IN SLAB LESS THAN 4'-Ø" SQUARE
9. SEE SURFACE PLAN ON SHEET S1.3 FOR ADDITIONAL REINFORCEMENT NOT SPECIFIED ON THIS SHEET.
10. SEE SLAB SURFACE PLAN ON SHEET S1.3 FOR PLACEMENT OF EMBEDDED HARDWARE, PREFABRICATED SHEARWALL TEMPLATES, STEEL COLUMNS, AND OTHER MISC. EMBEDS NOT SHOWN ON THIS SHEET.
11. SEE 14/FD-1 FOR CONDUIT PLACEMENT IN STRUCTURAL SLAB. DO NOT BUNDLE CONDUITS PLACED WITHIN SLAB BUT SPACE ACCORDINGLY TO PROVIDE SUFFICIENT CONCRETE COVER PER DETAIL.
12. FORMWORK AND SHORING SHALL REMAIN IN PLACE UNTIL SLAB IS POURED AND CURED TO PLAN SPECIFIED f'c. SAMPLE TEST CYLINDERS SHALL VERIFY THAT MIN. f'c HAS BEEN REACHED.
13. BEFORE CONCRETE IS PLACED, THE CONTRACTOR SHALL COORDINATE AND CHECK WITH ALL TRADES TO ENSURE THE PROPER PLACEMENT OF ALL OPENINGS, SLEEVES, INSERTS, CURBS, DEPRESSIONS, ETC. RELATING TO THE WORK, AS SHOWN IN THE DRAWINGS.
14. ALL CONCRETE WITH A COMPRESSIVE STRENGTH IN EXCESS OF 2500 PSI AT 28 DAYS SHALL BE PLACED UNDER THE SUPERVISION OF A DEPUTY INSPECTOR LICENSED BY THE LOCAL BUILDING OFFICIAL.
15. CONCRETE QUALITY, INSPECTION AND TESTS SHALL CONFORM TO THE LOCAL BUILDING CODE REQUIREMENTS FOR CONCRETE DESIGNED BY ULTIMATE STRENGTH METHOD.
16. ALL DEBRIS, UNWANTED MATERIALS, AND ANY STANDING WATER SHALL BE REMOVED FROM THE CONCRETE FORMWORK OR TRENCHES AND REBAR SHALL BE CLEANED OF ANY SUBSTANCE THAT MIGHT IMPAIR BOND TO PRIOR TO PLACING OF CONCRETE.

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CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO PROCEEDING WITH CONSTRUCTION AND NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES OR CONFLICTS.

SEAL:

REGISTERED PROFESSIONAL ENGINEER
MARSHALL J. NEIL
Exp. 12-31-2010
CIVIL
STATE OF CALIFORNIA

MARCH 05, 2009

DRAWN BY	R.D.
CHECKED BY	M.J.M.
PROJECT ENG.	M.J.M.

NO	DATE	DESCRIPTION

MIXED USE PROJECT IN LAGUNA BEACH

LAGUNA BEACH, CALIFORNIA

GCI FN 2007-762

DATE 03.05.09

SLAB STEEL PLAN

S1.2