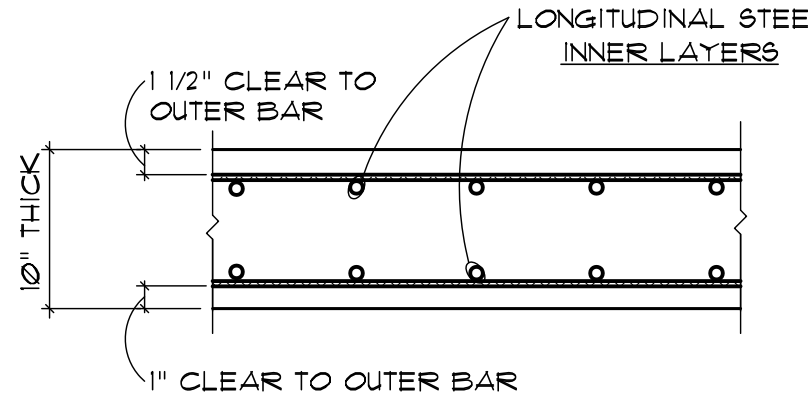


LONGITUDINAL SLAB STEEL PLAN
SCALE: 1/4" = 1'-0"

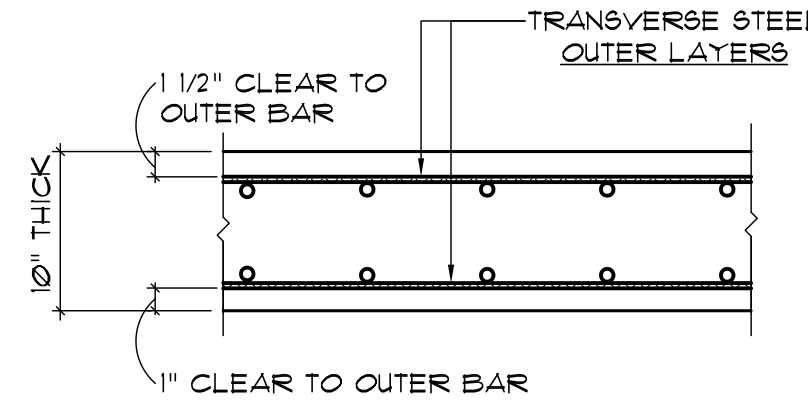
STRUCTURAL SLAB PROFILE:
f_c = 4500 PSI TYPE V W/C 0.45



8" x 18" W/ 24" x 24" GRADE BEAM
W/ (3) #1 TO # (3) #1 BOTTOM.

TRANSVERSE SLAB STEEL PLAN
SCALE: 1/4" = 1'-0"

STRUCTURAL SLAB PROFILE:
f_c = 4500 PSI TYPE V W/C 0.45



8" x 18" W/ 24" x 24" GRADE BEAM
W/ (3) #1 TOP & (3) #1 BOTTOM.

- 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 (20) (21) & (31) (32).
 3. BOTTOM BAR LAYOUT AND CUT-OFFS ARE SHOWN ON DETAILS (20) (21) (31) (32).
 4. ALL BARS SHALL BE CONTINUOUS TO EXTENT OF CANTILEVER SLAB IF APPLICABLE.
 5. [Symbol] 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) FROM 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 (21) (22) 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.
 7. SEE (21) (22) FOR DUCT OPENINGS IN SLAB LESS THAN 4'-0" SQUARE.
 8. SEE SURFACE PLAN ON SHEET S-22 FOR ADDITIONAL REINFORCEMENT NOT SPECIFIED ON THIS SHEET. ALSO SEE SLAB SURFACE PLAN FOR PLACEMENT OF EMBEDDED HARDWARE, COLUMN TEMPLATES, AND OTHER MISC. EMBEDS NOT SHOWN ON THIS SHEET.
 9. SEE (23) FOR CONDUIT PLACEMENT IN STRUCTURAL SLAB. DO NOT BUNDLE CONDUITS PLACED WITHIN SLAB BUT SPACE ACCORDINGLY TO PROVIDE SUFFICIENT CONCRETE COVER PER DETAIL.
 10. 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.
 11. 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.
 12. 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.
 13. CONCRETE QUALITY: INSPECTION AND TESTS SHALL CONFORM TO THE LOCAL BUILDING CODE REQUIREMENTS FOR CONCRETE DESIGNED BY ULTIMATE STRENGTH METHOD.
 14. 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.

REVISIONS

CITY OF NPB
PC 1908-2007
MAY 15, 2008

CLIENT REV.
S-1, F01, FD2
OCT. 15, 2008

FIELD REVISIONS
MARCH 12, 2009

structural design & consulting
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3821 BIRCH ST., CA 92660
949-750-1525 FAX 949-750-0208

REGISTERED PROFESSIONAL ENGINEER
No. 12-31-200
Civil
STATE OF CALIFORNIA

MARCH 12, 2009

EMERY RESIDENCE
NEWPORT BEACH, CALIFORNIA

ARCHITECT:

DRAWN
SMB

ENGINEER
MMEAD

DATE
03/12/09

SCALE
AS NOTED

JOB NO.
2006-636

SHEET
S-2.1