

A. GENERAL:

1. ALL CONSTRUCTION SHALL CONFORM TO 2014 LOS ANGELES CITY BUILDING CODE UNLESS MORE STRINGENT REQUIREMENTS ARE REQUIRED IN THE PLANS AND SPECIFICATIONS
2. THE CONTRACTOR SHALL VERIFY IN THE FIELD ALL CONDITIONS, ELEVATIONS AND DIMENSIONS BEFORE STARTING WORK. THE ARCHITECT AND STRUCTURAL ENGINEER SHALL BE NOTIFIED IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
3. THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY DISCREPANCIES OR OMISSIONS NOTED ON THE DRAWINGS OR ANY OTHER LOSS OF OR ANY VARIATIONS NEEDED IN ORDER TO CONFORM TO CODES, RULES AND REGULATIONS. THE ENGINEER SHALL BE RESPONSIBLE FOR REVIEWING AND SEND WRITTEN INSTRUCTIONS TO ALL CONCERNED, AND WORK SHALL BE PERFORMED IN SUCH MANNER AS DIRECTED BY THE ENGINEER. ANY SUCH DISCREPANCY, OMISSION, OR VARIATION NOT REPORTED BY THE CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE TEMPORARY BRACES, SHORES AND GUYS, WHEREVER NECESSARY TO SUPPORT ALL LOADS TO WHICH THE STRUCTURE MAY BE SUBJECTED DURING CONSTRUCTION, INCLUDING ERECTION OF THE STRUCTURE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HOLD ALL ELEMENTS AND MEMBERS IN THEIR FINAL POSITION UNTIL TOTALLY AND FINALLY CONNECTED TO THE PERMANENT BRACING ELEMENTS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE CALIFORNIA CONSTRUCTION SAFETY ORDERS.
6. REVIEW OF SHOP DRAWINGS BY STRUCTURAL ENGINEER SHALL NOT BE CONSTRUED AS ACCEPTING RESPONSIBILITY FOR SAFE CONSTRUCTION PRACTICES.
7. SHOP DRAWINGS ARE AN AD FOR FIELD PLACEMENT AND ARE SUPERCEDED BY THE STRUCTURAL ENGINEER'S DRAWINGS. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO MAKE CERTAIN THAT ALL CONSTRUCTION IS IN FULL AGREEMENT WITH THE LATEST SHOP DRAWINGS. THE STRUCTURAL ENGINEER SHALL BE NOTIFIED IF ANY DISCREPANCIES ARE FOUND.
8. THE TYPICAL NOTES AND DETAILS SHALL APPLY IN ALL CASES UNLESS SPECIFIC DETAILS OCCUR ELSEWHERE. WHERE NO DETAIL IS SHOWN, CONSTRUCTION SHALL BE AS FOR SIMILAR WORK.
9. REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATION OF STRUCTURAL SUPPORTS FOR THEIR RESPECTIVE ITEMS. NOTIFY ARCHITECT, PRIOR TO CONSTRUCTION, OF ANY DISCREPANCIES.
10. THE DEPUTY INSPECTOR SHALL BE REGISTERED WITH THE CITY OR COUNTY OF LOS ANGELES OR ICBO AND PAID BY THE OWNER OR CONTRACTOR.

B.CONCRETE:

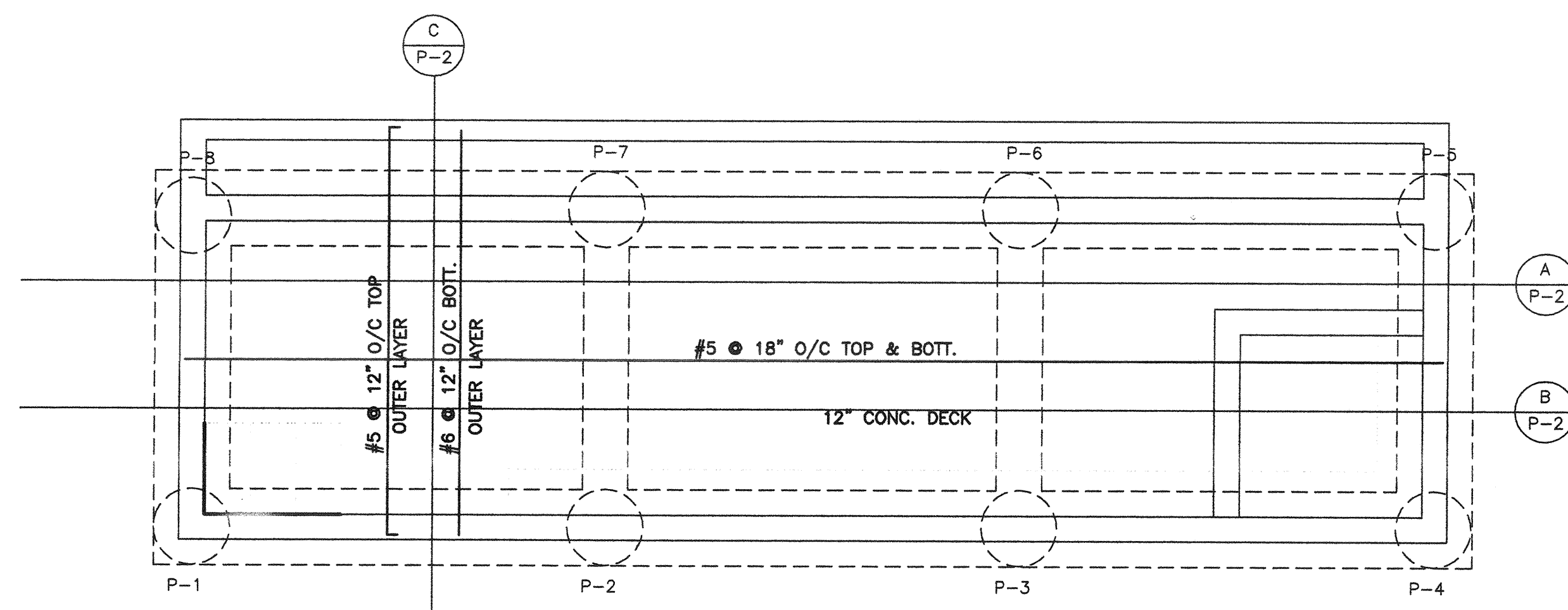
1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS EQUAL TO:
- a) 2500 PSI FOR SLABS ON GRADE.
 - b) 3000 PSI FOR GRADE BEAM AND CONC. BEAM
 - c) 4000 PSI FOR POOL CONC. WALL AND POOL DECK
2. CONTINUOUS DEPUTY INSPECTION REQUIRED FOR ALL CONCRETE STRUCTURES EXCEEDING 2500 PSI.
3. ALL CONCRETE SHALL BE NORMAL WEIGHT (145 PCF) UNLESS NOTED AS LIGHT-WEIGHT CONCRETE.
4. PORTLAND CEMENT: ASTM C150.
5. EXPOSED CONCRETE FORMING AND FINISH SHALL BE AS NOTED ON ARCHITECTURAL DRAWINGS. SEE ARCHITECT'S DRAWINGS FOR DETAILS.
6. PROJECTING CORNERS OF BEAMS, COLUMNS, ETC. SHALL BE FORMED WITH 3/4" CHAMFER UNLESS OTHERWISE DETAILLED.
- C. REINFORCING STEEL FOR CONCRETE:**
1. REINFORCING BARS: ASTM A615 GRADE 60, GRADE 40 FOR #3 BARS. ALL REINFORCING STEEL THAT IS TO BE WELDED SHALL CONFORM TO ASTM A706, UNLESS OTHERWISE NOTED, ON PLANS.
- 1A. REINFORCING BARS IN CONCRETE USED SHEAR WALL AND GRADE BEAM: ASTM A706 OR A615 GRADE 60 SHALL BE PERMITTED IN THE FOLLOWING CASES:
- a) THE ACTUAL YIELD STRENGTH BASED ON MILL TEST DOES NOT EXCEED YIELD STRENGTH
 - b) THE RATIO OF THE ACTUAL TENSILE STRENGTH TO THE ACTUAL YIELD STRENGTH IS NOT LESS THAN 1.25
2. FIELD WELDING OF REINFORCING STEEL SHALL BE DONE BY CITY CERTIFIED WELDERS. CONTINUOUS DEPUTY INSPECTION REQUIRED.
3. WELDED WIRE FABRIC: ASTM A185
4. WELDING ELECTRODES: ASTM A233, CLASS E90, LOW HYDROGEN.
5. MINIMUM SPlice LENGTHS, UNLESS DETAILED OTHERWISE.
- a) CONCRETE-36 DIAMETERS.
 - b) MASONRY-40 DIAMETERS.
 - c) WELDED WIRE FABRIC SHALL BE SPliced WITH A MINIMUM LAP OF 12 INCHES.
6. MINIMUM CLEARANCE BETWEEN REINFORCING AND FACE OF CONCRETE SHALL BE AS FOLLOWS (UNLESS SHOWN OTHERWISE):
- a) CONCRETE BELOW GRADE (CASE OF EXISTING SOIL)=3"R
 - b) CONCRETE BELOW GRADE (FORMED)=2".
 - c) CONCRETE WALLS EXPOSED TO WEATHER:
NUMBER 8 BARS AND SMALLER=1 1/2".
NUMBER 8 BARS AND LARGER = 2".
7. MINIMUM CLEARANCE BETWEEN REBAR AND MASONRY SHALL BE 3/4".
8. SPICES IN CONTINUOUS GRADE BEAMS SHALL OCCUR AT MIDSPAN. CONTACT THE STRUCTURAL ENGINEER IF CLASSED WHEN NEEDED.
9. ALL REINFORCING SHALL BE ACCURATELY PLACED AND ADEQUATELY SUPPORTED BEFORE CONCRETE IS PLACED AND SHALL BE SECURED AGAINST DISPLACEMENT WITHIN THE FORMWORK. DIMENSIONS SHALL BE SHOWN IN DETAIL OR CALLED OUT IN NOTES. TOLERANCE SHALL BE PER ACI 318-11.

D.MASONRY:

1. CONCRETE BLOCK MASONRY UNITS: ASTM C90, GRADE N/F=1600 PSI, MEDIUM WEIGHT. MASONRY WALL COLOR AND FACE TEXTURED AS NOTED ON ARCHITECTURAL DRAWINGS. MASONRY UNIT SHALL BE CLIMATIZED TO SITE.
2. CONTINUOUS INSPECTION IS REQUIRED, UNLESS NOTED OTHERWISE, FOR:
 - a) PREPARATION AND FORMING OF WALL PRISMS.
 - b) SAMPLING AND PLACING OF MASONRY UNITS.
 - c) PLACEMENT OF REINFORCEMENT.
 - d) GROUT SPACE IMMEDIATELY PRIOR TO CLOSING OF CLEANOUTS AND DURING ALL GROUTING OPERATIONS.
3. ALL MORTAR AND GROUT SHALL HAVE A MINIMUM 28 DAYS COMPRESSIVE STRENGTH EQUAL TO 1800 PSI AND 2000 PSI, RESPECTIVELY.
4. PORTLAND CEMENT - ASTM C150, TYPE I/LOW ALKALI.
5. MORTAR MIX-1:3 WITH 1/4 PART LIME PUTTY, TYPE S.
6. GROUT MIX-1:3 WITH 2 PARTS PEA GRAVEL.
7. GROUT ALL CELLS, UNLESS OTHERWISE NOTED.
8. LOCATE REBAR ABOUT CENTERLINE OF MASONRY WALL UNLESS DETAILED OTHERWISE.
9. ALL WALLS SHALL BE CONSTRUCTED USING 1/2 RUNNING BOND BETWEEN MASONRY UNITS, UNLESS OTHERWISE NOTED.

F. SOIL :

1. SOIL REPORT BY BYER GEOTECHNICAL, INC., DATE DEC 22, 2014, PROJECT NO. BG 22056
SOIL REPORTS ARE PART OF STRUCTURAL PLAN
2. COMPLIANCE WITH ALL CORRECTIONS ON ENCLOSED GRADING PRE-INSPECTION REPORT, GPI



FOUNDATION PLAN - POOL

SCALE : 1/4" = 1'-0"

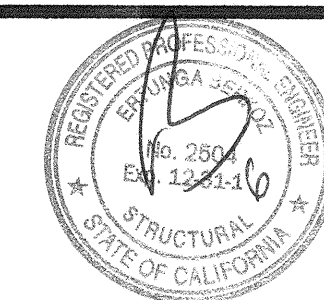
THESE PLANS HAVE BEEN REVIEWED BY BYER
GEOTECHNICAL, INC. AND CONFORM TO THE
GEOTECHNICAL RECOMMENDATIONS
CONTAINED IN THE REPORT.

BG 22056 DATE 12/22/14
[Signature] DEPTER 9/28/15
[Signature] EC:804



REMODEL AND ADDITION
EXISTING RESIDENCE AT
1030 N. ANOKA PL.
PACIFIC PALISADES, CA 90272

BERKOW & ASSOCIATES, INC.
CONSULTING STRUCTURAL ENGINEERS
5530 CORBIN AVENUE, SUITE 355
TARZANA, CA 91356
(818) 668-8589 FAX: (818) 668-8596



DATE 2-27-2015

JOB #

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