

## CONCRETE / MASONRY / METALS GENERAL NOTES:

- I. DESIGN SOIL BEARING PRESSURE: 1000 PSF.
- 2. EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PREFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- 3. CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS, BOTH SUB-SOIL AND FILL COMPAC-TION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- 4. REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIRE-MENTS OF ASTM AGIS, ALL BENDS SHALL BE MADE COLD.
- 5. WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIRE-MENTS OF ASTM A185 - MIN. YEILD STRESS = 85 KSI.
- 6. CONCRETE SHALL BE STANDARD MIX F'c = 3000 PSI FOR ALL FTGS. SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F'c = 3000 PSI, STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACE-MENT, MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- 7. CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH -F'm = 1500 PSI.
- 8. MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- 9. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE I OR A325, AS PER PLAN REQUIREMENTS.

6X6 POST - REFER TO PLANS FOR

- 2X4 HANDRAIL, CONT. - REFER TO ELEVATIONS FOR LOCATION OF

2X4 BALUSTERS @ 5 1/2" O.C., SECURE

2×6 P/T PORCH JOISTS @ 16" O.C., W/

LU26 JOIST HANGERS, EACH

- 2X4 FOOTRAIL, CONTINUOUS.

- 3/4" TIG PLYWOOD, ATTACHED

TO JOISTS W/ 10d NAILS AT 6"

- 2X 12 P/T SKIRT BOARD, CONT.

FILLED CONC. "O" BLOCK

- DBL. 2X12 P/T GIRDER, NOTCH INTO

POSTS, MIN. I" AND ANCHOR W/

2 - 3/8"~ X 10" LAG SCREWS, SIDE BY SIDE, MIN. THREAD EMBEDMENT

MTL. POST BASE PER ST.IVD.X, SECURE TO PIER W/ 1/2"~ A.B.SET IN CONCRETE

CONC. FOOTING & CMU PIER, REFER TO

FOUNDATION PLAN FOR SIZES AND REINF'G

TO HAND & FOOT RAILS WITH 2-10d GALVANIZED FINISH NAILS, EACH END,

LOCATIONS, TYP.

RAILING, IF ANY,

EACH BALUSTER.

END, EACH JOIST

SHALL BE 3 3/4"

- 10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.
- 11. 2X4 P/T WOOD SILL, CONT., ALL AROUND, W/ 5/8"~ A.B. W/ 3" SQ. X I/4" PLATE WASHERS WITHIN 6" FROM EACH CORNER, EA. WAY, & WITHIN 6" FROM ALL WALL OPENINGS / ENDS - 1/2"~ A.B. W/ 2" SQ. WASHERS ALONG EACH RUN @ 48" O.C., MAX. - ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OF 8" EMBEDMENT INTO THE CONCRETE.

SOFTPIAN

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OINT VENTURED WITH

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JOB NUMBER 050908

SHEET NUMBER

OF SHEETS

Porch Post / Deck DET.

- OPTIONAL STONE VENEER AS DIRECTED BY OWNER