

DESIGN LOADS
 SLOPE 30 PSF
 DECK 15 PSF
 FLOOR 40 PSF
 EXTERIOR WALLS 15 PSF
 WIND 50 PSF OR 200 PSF LOAD

INSPECTIONS
 THE FOLLOWING ITEMS REQUIRE SPECIAL INSPECTION BY GEBAU INC. OR BY AN INSPECTION AGENCY APPROVED BY GEBAU INC. WITH A FORM ADVANCED NOTICE OF CONSTRUCTION FOR THE ITEMS LISTED BELOW.
 FOUNDATION
 CONCRETE
 REINFORCEMENT
 WELDED JOINTS
 ALL CONCRETE 3000 PSI
 DEFORMED REINFORCEMENT: A57M A63 GRADE 60
 WELDED WIRE FABRIC: A57M A63

FOUNDATION
 FOUNDATION DESIGNED IN ACCORDANCE WITH RECOMMENDATIONS CONTAINED IN SOIL INVESTIGATION REPORT BY SCOTT COX & ASSOCIATES, INC. SOILS REPORT NO. 08091 DATED JULY 14, 2009.
 EXCEPT WHERE OTHERWISE SPECIFICALLY NOTED HEREIN, ALL RECOMMENDATIONS AND CONDITIONS CONTAINED IN THIS REPORT SHALL BE ADHERED TO BY THE CONTRACTOR.
 FOOTINGS SHALL BE PLACED UPON UNDISTURBED NATURAL SOIL OR COMPACTED FILL TESTED AND APPROVED BY SOILS ENGINEER.
 MINIMUM DESIGN SOIL PRESSURE: 1500 PSF (NON-EXPANSIVE)

CONCRETE AND REINFORCEMENT
 CONCRETE SHALL CONFORM TO APPLICABLE PROVISIONS OF LATEST EDITION OF ACI 308 MINIMUM 28 DAY COMPRESSIVE STRENGTH AS FOLLOWS:
 ALL CONCRETE: 3000 PSI
 DEFORMED REINFORCEMENT: A57M A63 GRADE 60
 WELDED WIRE FABRIC: A57M A63
 REINFORCEMENT FABRICATED AND PLACED PER ACI MANUAL OF STANDARD PRACTICE (ACI 308).
 CONCRETE MUST BE PLACED CONTINUOUSLY WITHOUT HORIZONTAL JOINTS. IF A HORIZONTAL JOINT IS DESIGNED, APPROPRIATE VERTICAL REINFORCEMENT MUST BE PROVIDED TO MAINTAIN INTEGRITY OF CONCRETE PRACTICE.
 EPOXY: SIMPSON ACRYLIC TIE (A.T.) EPOXY OR CERTIFICATED ANCHOR EPOXY.

STRUCTURAL STEEL
 STRUCTURAL STEEL: A57M A36
 STANDARD PIPE COLUMNS: A57M A53 GRADE B
 STANDARD TUBE COLUMNS: A57M A53 GRADE B
 BOLTS: A57M A307
 WELD MATERIAL: E70XX
 ALL WELDERS SHALL HAVE EVIDENCE OF TRAINING PASSED THE AWS STANDARD QUALIFICATION TEST.
 ALL EXPANSION ANCHORS TO BE TRUBOLT, AS MANUFACTURED BY S&B-BET, OR EQUIVALENT, BY FILE IT.
 PAINT: COAT ALL STEEL BELOW GRADE.
 ALL STRUCTURAL STEEL FABRICATED AND ERECTED PER AISC STEEL CONSTRUCTION MANUAL.
 GROUND ALL WELDS SMOOTH PAINT FOR SEVERE WEATHER EXPOSURE.

WOOD FINISHING
 WOOD DESIGN VALUES IN PG. OR AS NOTED.
 FINISHING LAYER (VALUARY) MOISTURE CONTENT: 18%
 STUDS < 4" Ø
 1/2" FINER STUD GRADE
 F_b: 675 E_x: 1,000,000 F_v: 800
 STUDS > 4" Ø
 1/2" FINER NO. 2
 F_b: 850 E_x: 1,200,000 F_v: 800
 JOIST HEADERS
 F_b: 850 E_x: 1,200,000 F_v: 800
 CONSTRUCTION TO CONTACT GEBAU INC. IF ANY OF SUPPLIED WOOD MEMBERS DIFFER FROM THE MATERIAL SPECIFICATIONS ABOVE PRIOR TO CONSTRUCTION.
 NAILING PER INTERNATIONAL BUILDING CODE EXCEPT WHERE NOTED OR LARGER NAILING SPECIFICATIONS ON DRAWINGS.
 ALL FASTENERS NAILS & BOLTS & HANGERS IN CONTACT WITH PRESURE TREATED WOOD SHALL BE CORROSION RESISTANT AS SPECIFIED BY LUMBER MANUFACTURER.
 METAL CONNECTOR DESIGNATIONS ARE SIMPSON STRONG-TIE COMPANY.

GENERAL
 CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO EXECUTING CORRESPONDING MODIFICATIONS AND SHALL NOTIFY GEBAU INC. IMMEDIATELY UPON DISCOVERY OF CONDITIONS DIFFERING FROM THOSE SHOWN.
 THESE PLANS HAVE BEEN ENGINEERED FOR CONSTRUCTION AT ONE SPECIFIC BUILDING SITE. BUILDER ASSUMES ALL RESPONSIBILITY FOR USE OF THESE PLANS AT ANY OTHER BUILDING SITE.



