



GENERAL NOTES

(THESE NOTES SHALL APPLY UNLESS OTHERWISE NOTED)

NOTE: WHERE CODE IS SPECIFIED IT SHALL BE THE 2012 VIRGINIA UNIFORM STATEWIDE BUILDING CODE (USBC), 2012 VIRGINIA RESIDENTIAL CODE, 2012 INTERNATIONAL BUILDING CODE, 2012 INTERNATIONAL RESIDENTIAL CODE

- CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE.
- SOIL BEARING MINIMUM = 1,500 P.S.F. PER TABLE 1806.2 FOR CLAY, SANDY CLAY, SILTY CLAY, CLAYEY SILT, SILT AND SANDY SILT PER GRADING PREINSPECTION OR SOILS REPORT.
- CONCRETE FOR NEW FOOTINGS SHALL BE STANDARD MIX, 2,500 P.S.I. AT 28 DAYS. DEPUTY INSPECTOR NOT REQUIRED.
- STRUCTURAL STEEL PLATES AND BARS SHALL BE A.S.T.M. A-36 (OR HIGHER) YIELD STRENGTH. ALUMINUM PLATE FOR TREADS SHALL BE 5052-H32. ALL OTHER PLATE SHALL BE 6061-T6.
- STEEL PIPE COLUMNS AND SLEEVES SHALL BE A.S.T.M. A-53 GRADE B OR ROUND H.S.S., A.S.T.M. A500 GRADE C. ALUMINUM PIPE COLUMNS AND ROUND TUBE COLUMNS SHALL BE 6061-T6.
- STEEL TUBES SHALL BE A.S.T.M. A500 GRADE C. (F_y = 50 K.S.I. MIN.). ALUMINUM TUBES SHALL BE 6061-T6.
- BOLTS SHALL BE A.S.T.M. A-307. SET SCREWS SHALL BE A.S.T.M. F912. BOLTS IN ALUMINUM SHALL BE HOT DIPPED GALVANIZED A.S.T.M. A153 OR ELECTRO-GALVANIZED A.S.T.M. B633.
- FASTENERS FOR EXTERIOR EXPOSURE SHALL BE GALVANIZED FOR STEEL STAIRWAY AND STAINLESS STEEL FOR ALUMINUM STAIRWAY.
- STEEL WELDING SHALL BE PER CODE USING SHIELDED METAL ARC PROCESS WITH E70XX ELECTRODES OR EQUAL IN AN APPROVED FABRICATOR'S SHOP. ALUMINUM WELDING SHALL BE PER CODE WITH 5356 WELD FILLER.
- STAIRWAY SHALL BE USED FOR ONE AND TWO FAMILY DWELLING ONLY.
- SPIRAL STAIRWAYS ARE PERMITTED TO BE USED AS A COMPONENT IN THE MEANS OF EGRESS ONLY WITHIN DWELLING UNITS. (NOTE THAT A PRIVATE STAIRWAY IS A STAIRWAY THAT SERVES A SINGLE TENANT. A SINGLE TENANT MAY BE ONE OR MORE OCCUPANTS IN A DWELLING).
- EDGE: MINIMUM OF 26" WIDE WALKING AREA FROM OUTER EDGE OF SUPPORT COLUMN TO INNER EDGE AT 4" AND BELOW HANDRAIL. 7 1/2" MINIMUM TREAD AT 4" POINT FROM WHERE THE TREAD IS NARROWEST. MINIMUM 6'-6" HEAD ROOM, AND RISE NOT TO EXCEED 9 1/2". STAIR TREADS AND RISERS SHALL BE OF UNIFORM SIZE AND SHAPE. THE TOLERANCE BETWEEN THE LARGEST AND SMALLEST RISER HEIGHT OR BETWEEN THE LARGEST AND SMALLEST TREAD DEPTH SHALL NOT EXCEED 3/8" (0.375 INCH) IN ANY ELEMENT.
- THE TOP OF GUARDRAILS (GUARDS) SHALL BE 42" MINIMUM IN HEIGHT. OPEN GUARDRAILS (GUARDS) SHALL HAVE INTERMEDIATE RAILS OR AN ORNAMENTAL PATTERN SUCH THAT A 4" SPHERE CANNOT PASS THROUGH.
- HANDRAILS SHALL BE THE FULL LENGTH OF THE STAIRS. FOR PRIVATE STAIRWAYS, HANDRAILS ARE NOT REQUIRED TO EXTEND BEYOND THE TOP OR BOTTOM RISER PER CODE SECTION 1012.6.
- LANDINGS AND LANDING AT DOORS SHALL COMPLY WITH CODE SECTIONS 1008.1.6 AND 1009.8.
- REDUCED PLANS OR POOR QUALITY PRINTS (TOO DARK OR TOO LIGHT) WILL NOT BE ACCEPTABLE FOR OBTAINING A BUILDING PERMIT.
- A PLOT PLAN AND/OR FLOOR PLAN IS REQUIRED FOR OBTAINING A BUILDING PERMIT USING THIS PRODUCT.
- REPRESENTATIONS OF PATTERNS AND VIEWS SHOWN ON THIS PLAN MAY NOT MATCH CURRENT PRODUCTION.
- DESIGN LOADS:
 - LIVE LOADS: FLOOR: 40 P.S.F. OR 300 LB. ON AREA 2 IN. BY 2 IN. ON TREADS & 40 P.S.F. ON LANDING.
 - SPECIAL LOADS: HANDRAIL AND GUARDRAIL (GUARD): 200 LB. IN ANY DIRECTION; INTERMEDIATE RAILS: 50 LB. ON ONE SQ.F