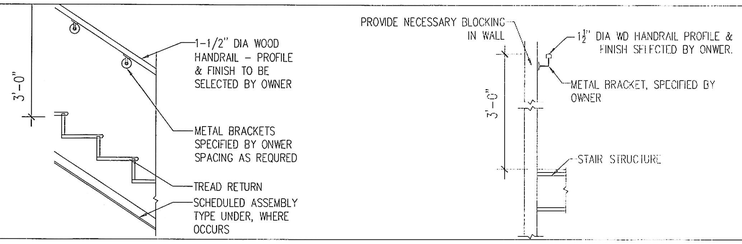
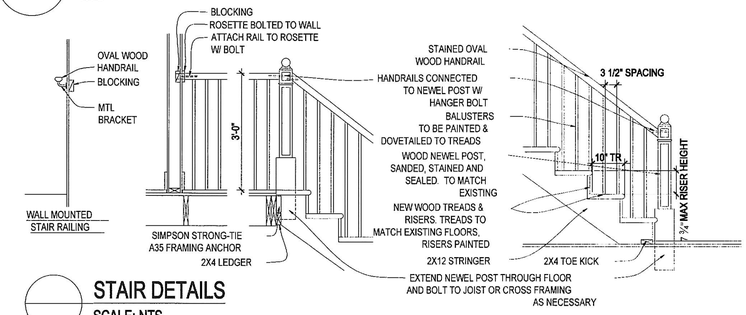


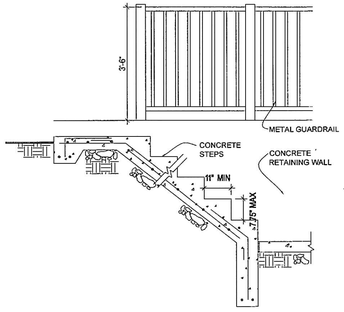
INTERIOR STAIR & RAILING

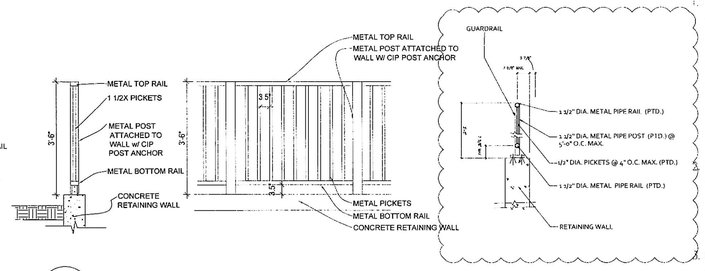
NTS



STAIR DETAILS

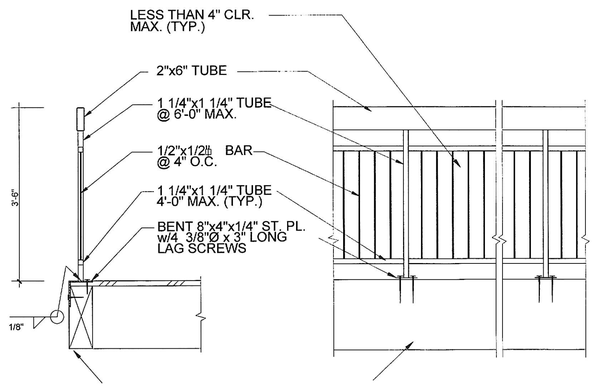
SCALE: NTS





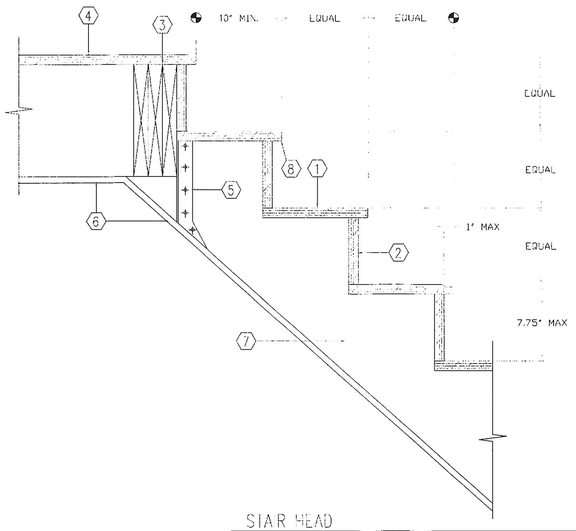
3 GUARD RAILING & CONC. STAIR DETAILING

NTS



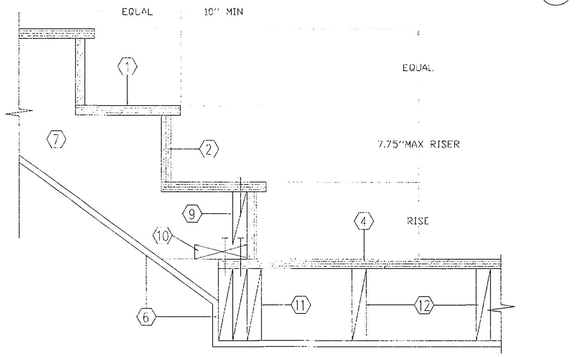
LLCLND

1. TYPICAL TREAD
2. TYPICAL RISER
3. DOUBLE 2X FLOOR JOIST
4. PLYWOOD SUBFLOOR
5. SIMPSON HU HANGER
6. INTERIOR 1-HR GYPSUM WALL BOARD
7. 2X12 STRINGER, BOLTED TO MASONRY PARTY WALL
8. 1" LIP, MAXIMUM
9. 2X6 BLOCKING
10. 2X SHOE PLATE NAILED THROUGH SUBFLOOR TO DOUBLE 2X10 BEAM W/ 16d NAILS, STAGGERED AT 6" O.C.
11. (3) 2X10 BEAM
12. EXISTING 2X10 FRAMING, 16" O.C.
13. 2X SHOE PLATE BOLTED TO 4" CONCRETE SLAB AT 16" O.C.
14. LAG BOLT AT 16" O.C.
15. 2X4 STUDS AT 16" O.C.
16. EXISTING MASONRY WALL
17. ⅜" DIAMETER LAG BOLT
18. ¼" DIAMETER STANDARD WOOD HANDRAIL
19. WALL BRACKET



STAIR NOTES

1. HANDRAILS
   - A. PROVIDE HANDRAIL – MINIMUM ONE SIDE
   - B. HEIGHT OF RAILING ABOVE TREADS – 32" (30" MIN – 34" MAX.
   - C. EXTEND HANDRAILS 12" NOSING OF TOP TREAD AND 12" PLUS TREAD WITH BEYOND THE BOTTOM NOSING.
   - D. RETURN AND TERMINATE ENDS OF HANDRAILS TO WALL OR POST.
   - E. PROVIDE 1½" CLEAR BETWEEN HANDRAIL AND WALL.
   - F. CROSS SECTIONAL DIMENSION HAND GRIP PORTION OF HANDRAILS 1¼" MINIMUM
2. TREADS
   - A. ALL TREADS SURFACES ARE TO THE SLIP RESISTANT
   - B. ALL EXPOSED EDGES OF TREADS ARE TO BE SMOOTHERED OR CHAMFERED. NO ABRUPT EDGES AT LOWER FRONT OF NOSING.
3. NOSING
   - A. NOSING PROJECTION PAST FACE OR RISER BELOW TO BE 1½" MAXIMUM.
4. RISERS
   - A. A SUFFICIENTLY SOLID TO PREVENT PASSAGE OF OBJECTS LARGER THAN ⅜".
5. DIMENSIONS
   - A. RISERS 7¾" MAX. VERT. 4" MIN
   - B. TREADS: 10" MINIMUV HORIZONTAL.
6. MAXIMUM VARIATION IN HEIGHT OF RISERS OR WIDTH OF TREADS IN ANY GIVEN FLIGHT: ⅜"
7. MINIMUM HEADROOM CLEARANCE MEASURED VERTICALLY FROM THE PLANE OF THE CEILING FINISH TANGENT TO THE TREAD NOSING AT THE STAIRWELL : 6'-8" MINIMUM CLEAR
8. MAXIMUM VERTICAL DISTANCE BETWEEN STAIRWAY LANDINGS: 12'-0"
9. STAIR LANDINGS
   - A. STAIR LANDINGS SHALL BE THE SAME WIDTH AND DEPTH AS THE STAIR IT SERVES WITH MINIMUM DIMENSIONS OF 36" EACH WAY.
   - B. PROVIDE HANDRAIL AT STAIRS AND 36" HIGH GUARD RAIL (42" HIGH MINIMUM IF OCCUPANCY LOAD IS HIGHER THAN 10) AT STAIR LANDINGS AT 4" MIN. CLR. TYPICAL.
10. SEE INTERIOR FINISH SCHEDULE DETAILS AT PLANS FOR STAIR FINISHES.
11. HANDICAPPED COMPLIANCE:
    - A. MARK WITH A 2" WIDE STRIPE OF CONTRASTING COLOR PARALLEL TO AND NOT MORE THAN 1" FROM THE NOSE OF THE STEP OR LANDING THE UPPER APPROACH AND LOWER TREAD OF EACH STAIR. USE A SLIP RESISTANT MATERIAL FOR THE STRIP AT EACH NOSING AND LANDING
12. ENCLOSED USABLE SPACE UNDER STAIRS
    - A. SHALL BE PROTECTED WITH ONE-HOUR RESISTIVE PROTECTION.



MAY DESIGN GROUP

4015 WOODLEA AVE
BALTIMORE, 21206 MD
SQ: 6,996 LOT: 016

SCALE:	AS NOTED
DATE:	
PROJECT NUMBER:	2424

DETAILS

A009