



SECURE FIRST STUD TO CMU CONSTRUCTION WITH 1/4" x 2 3/4" TAPCONS AT 48" O.C. (MAX.), STAGGERED (TYP.)
 SECURE SECOND STUD WITH 2-Bd NAILS AT 36" O.C. (MAX.) (TYP.)

ELECTRICAL ROOM
 (GROSS AREA = 92 SF)

NEW OFFICE 1
 2x4 STUD FURRING AT 24" O.C. W/ 5/8" GYP. BD.

OFFICE EXPANSION (FIRST FLOOR)
 (GROSS AREA = 573 SF)

EXISTG. OFFICES (FIRST FLOOR)
 (GROSS AREA = 2,512 SF)

NOTE: POST SIGN STATING THIS DOOR TO REMAIN OPENING DURING BUSINESS HOURS

TOTAL GROSS OFFICE AREA = 6,262 SF
 TOTAL OCCUPANT LOAD = 6,262 / 100 GROSS = 62.62 [USE 63 PERSONS]

- WALL LEGEND**
- EXISTG. WALL CONSTRUCTION
 - EXISTG. 2 HR. RATED WALL CONSTRUCTION
 - NEW 2 HR. RATED SEPARATION WALL CONSTRUCTION - LOAD BEARING (FIRST FLOOR ONLY) 2x6 WOOD STUDS AT 16" O.C., FIRESTOPPED, WITH (2) LAYER 5/8" GYP. BD. EACH SIDE - U.L. DESIGN NO. U301 STEEL COLUMN APPLIED GYP. BD. - U.L. DESIGN NO. X526 (SEE DETAIL)
 - NEW PARTITION - LOAD BEARING 2x6 WOOD STUDS AT 16" O.C. WITH (1) LAYER 1/2" OR 5/8" GYP. BD.
 - NEW PARTITION - NON-LOAD BEARING 2x4 WOOD STUDS AT 24" O.C. (MAX.) WITH (1) LAYER 1/2" OR 5/8" GYP. BD. EACH SIDE TO MATCH EXISTING. PARTITION HEIGHT = 8'-1 1/2" (MIN.), BRACE TO BOTTOM OF FLOOR TRUSS AS REQUIRED.

A3.1 PART. FIRST FLOOR PLAN - OFFICE EXPANSION
 SCALE: 1/4" = 1'-0"