

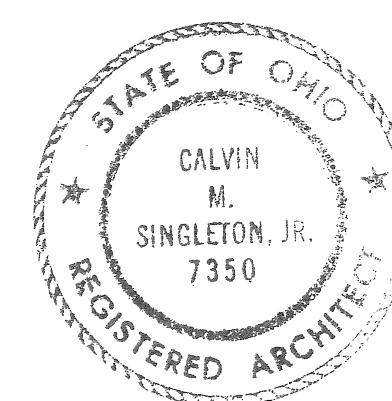
SUBMITTAL SCOPE:

PLANS ARE HEREIN SUBMITTED TO PROVIDE A VISUAL LAYOUT & DESCRIPTION OF EXIST'G BUILDING CONDITIONS IN ORDER TO CONTINUE THE PREVIOUS 'A-3' USE & OCCUPANCY AS A COMMUNITY CENTER IN LIEU OF THE PREVIOUS LIBRARY DESIGNATION. AS SUCH & PURSUANT TO OBC SECTION 110.2, SAID PLANS ARE TO ACCOMPANY OWNER'S APPLICATION & REQUEST FOR AN OCCUPANCY PERMIT IN ACCORDANCE WITH STATE & LOCAL CODES, REGULATIONS & REQUIREMENTS.

CALEDONIA COMMUNITY CENTER

(A-3 LIBRARY USE TO A-3 COMM. CTR.)

CALEDONIA COMMUNITY CENTER BUILDING & CODE DATA ASSESSMENT	
USE & OCCUPANCY CLASSIFICATION: A-3: COMMUNITY CENTER BUILDING CONSTRUCTION TYPE - III-B CONSTRUCTION: MASONRY EXTERIOR; CONCRETE, WOOD, & STEEL INTERIOR FIRE SUPPRESSION: NON-SPRINKLED	3) FIRE SUPPRESSION/DETECTION ANALYSIS - LOWER LEVEL: 299 PEOPLE/FIRE AREA 1ST FLOOR: 299 PEOPLE/FIRE AREA TOTAL FIRE SUP/DET'N OCCUPANCY = 598 PEOPLE
EXISTING FACILITY SQUARE FOOTAGE ANALYSIS: LOWER LEVEL = 3,930 GSF FIRST FLOOR = 3,930 GSF TOTAL BUILDING AREA = 7,860 GSF ALLOWABLE AREA PER FL (OBC TBL. 503 + FRNT'G INCR.): 55'/2-ST/9,500 SF + FRONTAGE INCR. (9,500 x .50) = 9,500 + 4,750 FOR TOTAL OF 14,250 SF/FL	4) OCCUPANCY/PLUMB'G FIXTURE ANALYSIS - MALE W/C = 125P/WC x 2 = 250 FEMALE W/C = 65P/WC x 1 = 65 URINAL = (125P/WC)(.67) x 1 = 83 TOTAL OCC/PLMB'G FIXT = 398 PEOPLE BASED ON THE MOST STRINGENT CONSTRAINT, MAX. BLDG. OCCUPANCY HAS BEEN EVALUATED RELATIVE TO PLUMB'G FIXTURES. AS SUCH, SAID OCCUP. SHALL BE PROPORTIONATELY DISTRIBUTED BY PERCENT OF SQUARE FOOTAGE W/ ALL ASSEMBLY AREAS HAVING MAXIMUM OCCUP. POSTED IN ACCORDANCE WITH OBC 1004.3 AS FOLLOWS (NOTE: THE 398 OCCUPANTS HAVE BEEN REDUCED BY 12, ALLOW'G FOR LIBRARY, STAFF, RECEPTION & M/E OCCUPANCY): LOWER LEVEL: ACTIVITY RM 'A' = 386(.15) = 58 P. ACTIVITY RM 'B' = 386(.18) = 69 P. LIB. STACK = 548/100 = 5 P. LIB. READ'G = 174/50 = 3 P. MECH/ELECT = 395/300 = 1 P. TOTAL LOWER LEVEL OCCUPANCY = 136 PEOPLE 1ST FLOOR: MULTIP. RM 'A' = 386(.42) = 162 P. MULTIP. RM 'B' = 386(.25) = 97 P. STAFF/RECEPT'N = 190/100 = 2 P. STAFF RM. = 132/100 = 1 P. TOTAL 1ST FLOOR OCCUPANCY = 262 PEOPLE TOTAL BUILDING OCCUPANCY = 398 PEOPLE
PURSUANT TO OBC STANDARDS FOR A-3 USE & OCCUP. CLASSIFICATION, OCCUPANCY WAS EVALUATED BASED ON 4 EXISTING CONSTRAINTS: 1) OBC TBL 1004.1.1 MAX. TABULAR OCCUPANCY, 2) OBC 1005.1 STAIR/DOOR WIDTHS, 3) OBC 903.2 & 907.2 MAX. OCCUP. W/O FIRE SUPPRESSION &/OR DETECTION, & 4) OBC 2902.1 OCCUP. PER PLUMB'G FIXTURE ALLOWANCE. THE FOLLOWING REPRESENTS THE MAX. OCCUP. PER RESPECTIVE CONSTRAINT: 1) TABULAR S.F. ANALYSIS - LOWER LEVEL: ACTIVITY RM 'A' = 600SF/5 = 120 P. ACTIVITY RM 'B' = 740SF/5 = 148 P. LIBRARY STACK = 540SF/100 = 5 P. LIBRARY READ'G = 174SF/50 = 3 P. MECH/ELECT = 395/300 = 1 P. TOTAL LL. OCCUP. = 277 PEOPLE 1ST FLOOR: MULTIP. RM. 'A' = 1730SF/5 = 346 P. MULTIP. RM. 'B' = 1020SF/5 = 204 P. STAFF/RECEPT. = 190/100 = 2 P. STAFF RM. = 132/100 = 1 P. TOTAL 1ST FL. OCCUP. = 553 PEOPLE TOTAL TAB. OCCUPANCY = 830 PEOPLE 2) STAIR/DOOR WIDTH ANALYSIS - LOWER LEVEL: STAIRS = (49"/.3) + (44"/.3) = 163 + 147 = 310 PEOPLE DOORS = (32"/.2) + (36"/.2) = 160 + 180 = 340 PEOPLE (USE MOST RESTRICTIVE - 310 P.) 1ST FLOOR: STAIR = (54"/.3) = 180 P. (ASSUME 1/2 FL. OCCUP. EXIT THROUGH STAIR, TOT. OCCUPANCY = 180 x 2 = 360 PEOPLE) DOORS = (36"/.2) x 2 = 180 x 2 = 360 P. (DOOR & STAIR SAME - 360 P.) TOTAL ST/DR OCCUPANCY = 670 PEOPLE	



960 Caledonia Avenue
Cleveland Hts., Ohio 44118

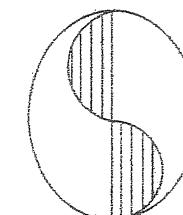
FOR

MRS. JOYCE DIXON

18200 Van Aken Blvd.
Shaker Hts., Ohio 44122

DATE

MARCH, 2012



CALVIN SINGLETON & ASSOCIATES

ARCHITECTS • PLANNERS

13426 Cedar Rd. - Cleve. Hts., OH 44118

CSA PROJECT NO. 12999M2

DRAWING INDEX

COVER/TITLE SHEET

A - 1 1ST FLOOR PLAN, NOTES & LEGEND

A - 2 LOWER LEVEL PLAN & NOTES

NOTES: 1) FIELD VERIFY ALL EXIST'G CONDITIONS; NOTIFY ARCHITECT OF ANY DISCREPANCIES FOR CONFORMANCE WITH CODE OR OTHER RESTRICTIONS

2) ALL FURNITURE, EQUIPMENT & SEATING BY OWNER & NOT INCLUDED IN CONTRACT

3) ALL DOORS DRAWN AT 45 DEGREE'S ARE EXISTING TO REMAIN

4) ALL SUSPENDED CL'GS, LT. FIXTURES & RECEPTACLES ARE EXIST'G TO REMAIN AS IS, UNLESS NOTED OTHERWISE (U.N.O.)

5) PROVIDE & INSTALL A KNOX BOX W/ PROPER KEYS AS DIRECTED BY THE FIRE DEPT.

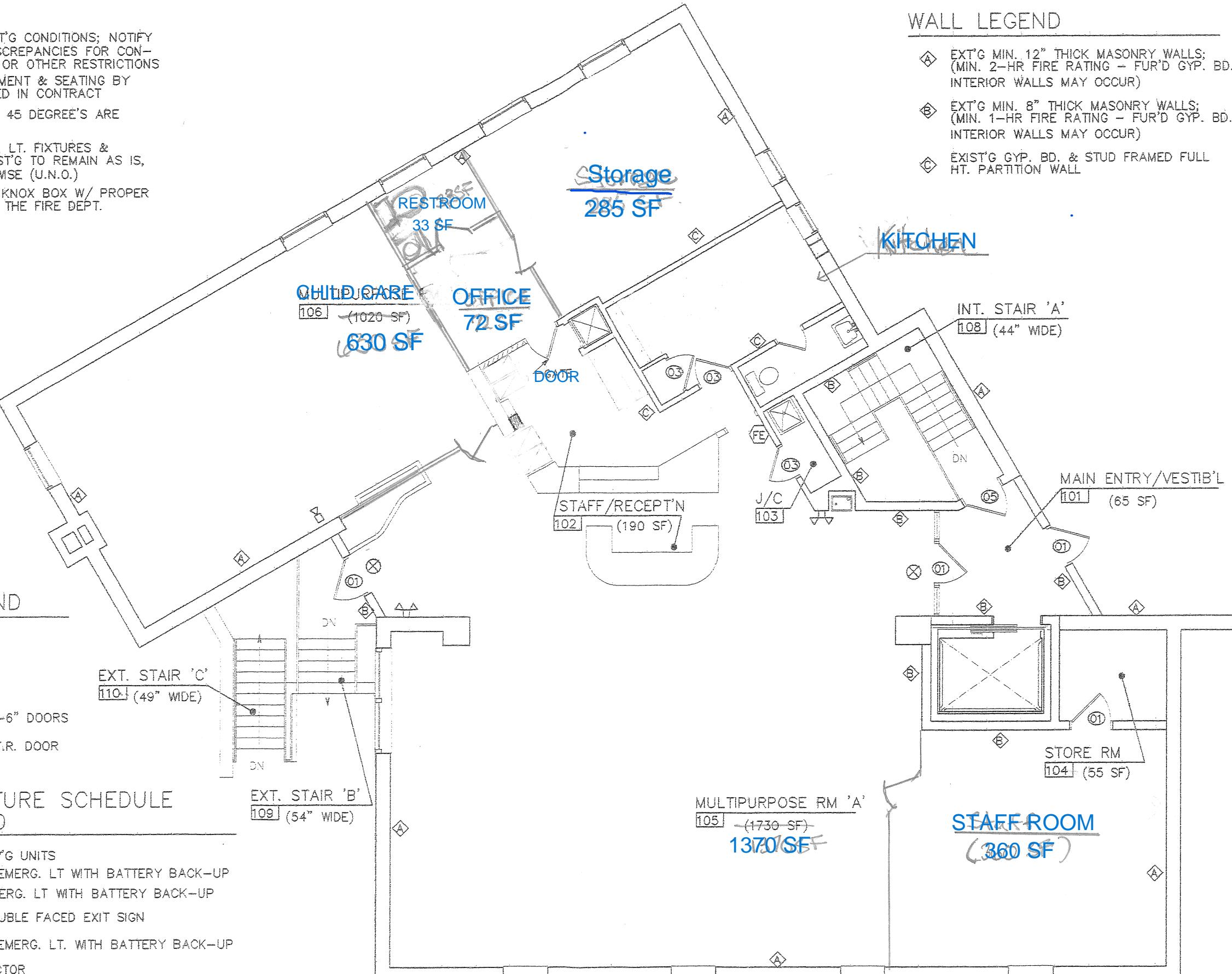


DOOR WIDTH LEGEND

- ① = 3'-0" WIDE MAN DOOR
- ② = 2'-8" WIDE MAN DOOR
- ③ = 2'-6" WIDE MAN DOOR
- ④ = 5'-0" WIDE PAIR OF 2'-6" DOORS
- ⑤ = 3'-0" WIDE MIN 1-HR F.R. DOOR

FURNITURE & FIXTURE SCHEDULE & SYMBOL LEGEND

-  EXIST'G 6' HIGH SHELV'G UNITS
-  EXIST'G SINGLE HEAD EMERG. LT WITH BATTERY BACK-UP
-  EXIST'G DB'L HEAD EMERG. LT WITH BATTERY BACK-UP
-  EXIST'G SINGLE OR DOUBLE FACED EXIT SIGN
-  EXIST'G COMBO. EXIT/EMERG. LT. WITH BATTERY BACK-UP
-  EXISTING SMOKE DETECTOR
-  EXIST'G FIRE EXTINGUISHERS (LOCATE &/OR RELOCATE PER FIRE CHIEF'S DIRECTIONS)
-  MANUAL FIRE ALARM PULL STATION

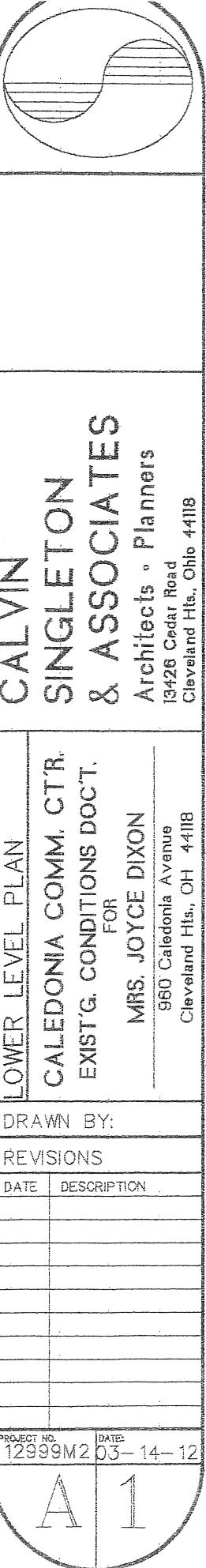


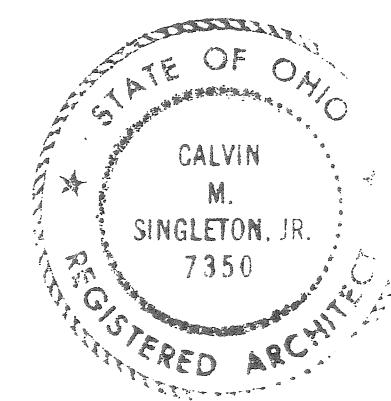
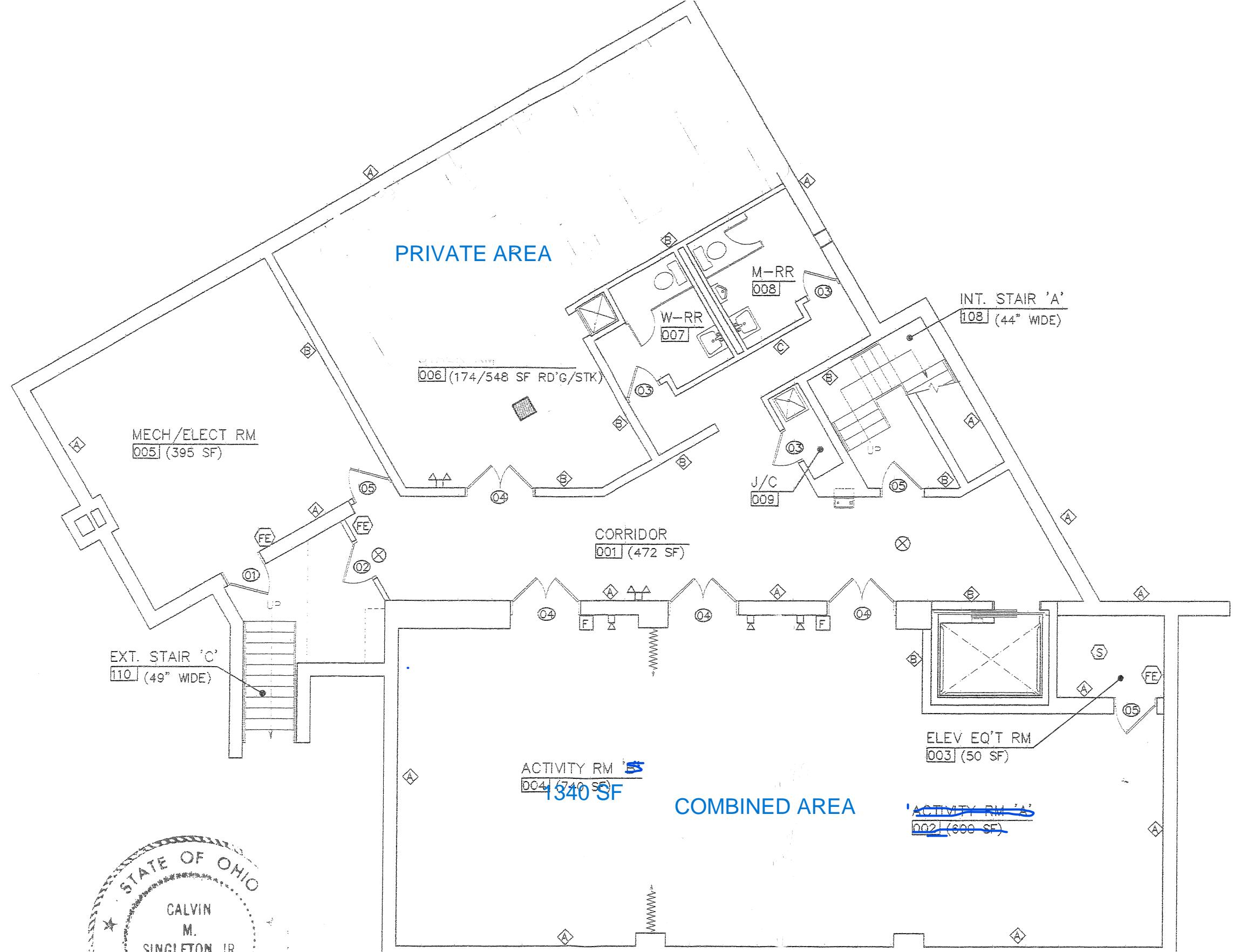
WALL LEGEND

- Ⓐ EXT'G MIN. 12" THICK MASONRY WALLS;
(MIN. 2-HR FIRE RATING - FUR'D GYP. BD.
INTERIOR WALLS MAY OCCUR)
- Ⓑ EXT'G MIN. 8" THICK MASONRY WALLS;
(MIN. 1-HR FIRE RATING - FUR'D GYP. BD.
INTERIOR WALLS MAY OCCUR)
- Ⓒ EXIST'G GYP. BD. & STUD FRAMED FULL
HT. PARTITION WALL

1ST FLOOR PLAN

SCALE: $1/8'' = 1'-0''$





LOWER LEVEL PLAN
SCALE: 1/8" = 1'-0"
N
A2

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SINGLETON
& ASSOCIATES
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13426 Cedar Road
Cleveland Hts., Ohio 44118

LOWER LEVEL PLAN
CALEDONIA COMM. CTR.
EXIST. CONDITIONS DOCT.
FOR
MRS. JOYCE DIXON
960 Caledonia Avenue
Cleveland Hts., OH 44118

DRAWN BY:
REVISIONS
DATE | DESCRIPTION

PROJECT NO. 12999M2 DATE 03-14-12
A2