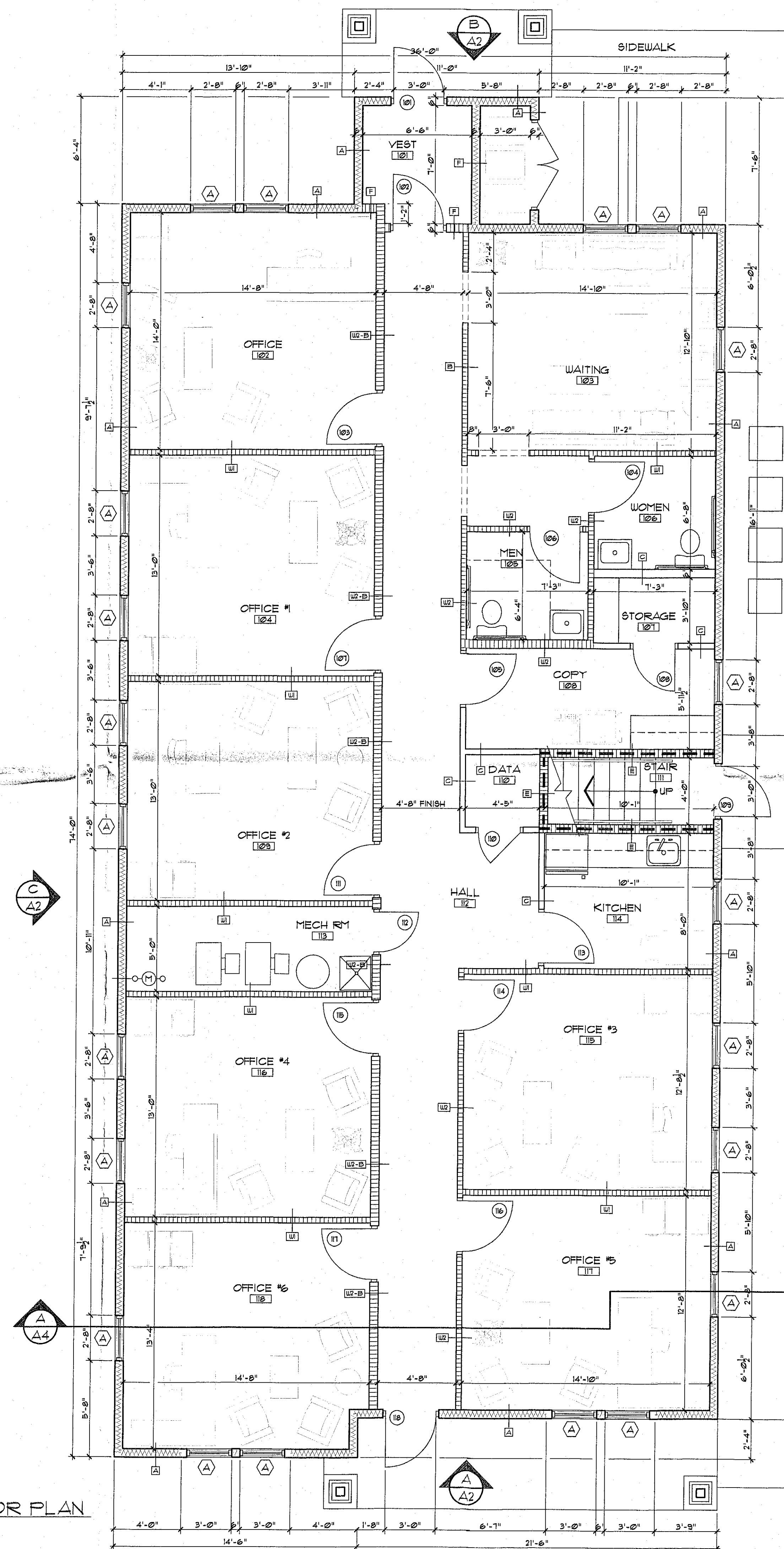


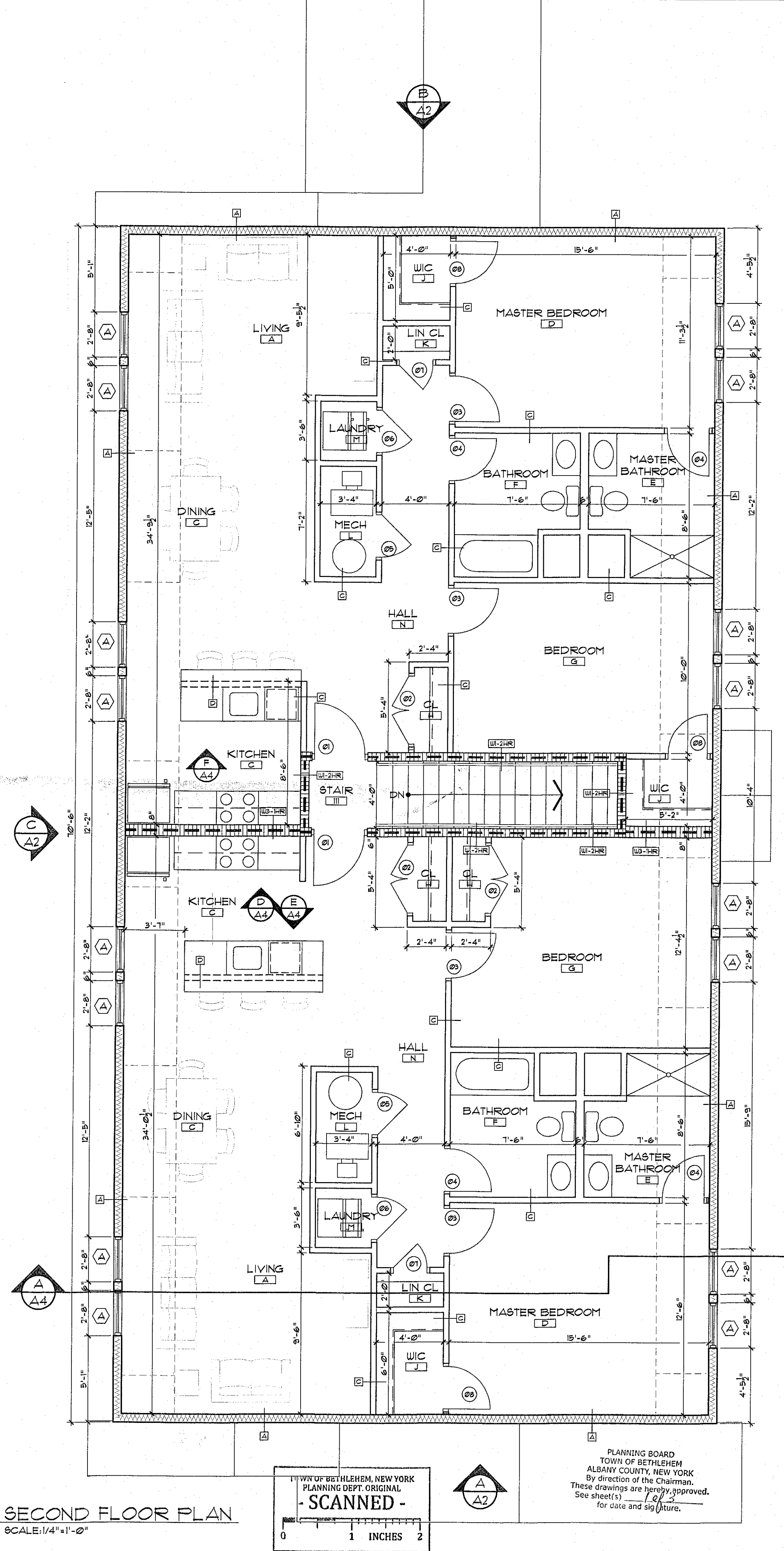
WALL & PARTITION TYPES

- A EXTERIOR WALL**
CULTURED STONE BASE / CEMENTITIOUS SIDING
AIR INFILTRATION BARRIER
7/16" OSB BOARD
2x6 WOOD STUDS @ 24" O.C.
5 1/2" BATT INSUL (R-21 MIN.)
VAPOR BARRIER
5/8" GYP. BD.
- B INTERIOR PARTITION**
2x4 WOOD STUDS @ 24" O.C.
3 1/2" BATT INSULATION
5/8" GYP. BD. - BOTH SIDES
- C INTERIOR PARTITION**
2x4 WOOD STUDS @ 24" O.C.
5/8" GYP. BD. - BOTH SIDES
- D LOW PARTITION**
2x4 WOOD STUDS 42" H @ 24" O.C.
5/8" GYP. BD. - BOTH SIDES
- E 2-HR RATED PARTITION (UL DESIGN U301)**
2x6 WOOD STUDS @ 24" O.C.
SOUND INSULATION
(2) LAYERS 5/8" GYP. BD. TYPE X CORE
- BOTH SIDES
- F INTERIOR PARTITION**
5/8" GYP. BD.
2x6 WOOD STUDS @ 24" O.C.
5 1/2" BATT INSUL (R-21 MIN.)
VAPOR BARRIER
5/8" GYP. BD.
- W1 INTERIOR PARTITION**
DESIGN FOR STC 55
ASSEMBLY:
1. 1/2" GYPSUM WALL BOARD (SCREWS @ 12" O.C.)
2. GREEN GLUE COMPOUND (1.75 OZ/FT²)
3. 1/2" GYPSUM WALL BOARD (SCREWS @ 24" O.C.)
4. 2x4 WOOD STUDS 24" O.C.
5. 3-1/2" BATT INSULATION
6. 1/2" GYPSUM WALL BOARD (SCREWS @ 24" O.C.)
7. GREEN GLUE COMPOUND (1.75 OZ/FT²)
8. 1/2" GYPSUM WALL BOARD (SCREWS @ 12" O.C.)
NOTES:
1. INSTALL GREEN GLUE NOISEPROOFING COMPOUND ACCORDING TO MANUFACTURER'S INSTRUCTIONS. 1.75 OZ/FT² APPLICATION OF COMPOUND CAN BE ACHIEVED BY USING APPROXIMATELY 2 TUBES (28 OZ EACH) PER 4'X8' SHEET OF WALL BOARD.
2. WHEN INSTALLING SECOND LAYER OF G.W.B. ON EACH SIDE OF WALL, STAGGER SEAMS TO MINIMIZE ALIGNMENT OF EDGES BETWEEN LAYERS.
3. MAINTAIN A 1/4" GAP BETWEEN EDGE OF G.W.B. AND ADJACENT FLOOR/WALL SURFACES. SEAL PERIMETER GAPS WITH ACOUSTICAL CAULK ALONG FULL LENGTH OF FLOOR AND WALL JOINTS. USE FIRE-RATED ACOUSTICAL CAULK WHERE REQUIRED BY CODE.
4. CARRY WALL FULL-HEIGHT TO STRUCTURE. ONLY STRUCTURAL FRAMING MEMBERS SHALL BE PHYSICALLY ATTACHED. DO NOT ALLOW G.W.B. TO PHYSICALLY CONTACT STRUCTURAL COMPONENTS.
5. STAGGER ELECTRICAL BOXES 18" MIN. BETWEEN SPACES TO MINIMIZE SOUND TRANSMISSION. NO TWO OPPOSING BOXES SHALL OCCUPY THE SAME STUD CAVITY.
6. SEAL BEHIND ALL ELECTRICAL PENETRATIONS IN SOUND RATED WALLS WITH 1/8" PUTTY PADS BEFORE INSTALLING G.W.B. SEAL PERIMETER OF BOX BEHIND COVER PLATE WITH ACOUSTICAL CAULK.
- W1-2HR 2-HR RATED PARTITION (UL U301)**
DESIGN FOR STC 55
ASSEMBLY:
1. 5/8" TYPE X GYPSUM WALL BOARD (SCREWS @ 8" O.C.)
2. GREEN GLUE COMPOUND (1.75 OZ/FT²)
3. 5/8" TYPE X GYPSUM WALL BOARD (SCREWS @ 24" O.C.)
4. 2x4 WOOD STUDS 24" O.C. (2X6 AS NOTED)
5. 3-1/2" BATT INSULATION
6. 5/8" TYPE X GYPSUM WALL BOARD (SCREWS @ 24" O.C.)
7. GREEN GLUE COMPOUND (1.75 OZ/FT²)
8. 5/8" TYPE X GYPSUM WALL BOARD (SCREWS @ 8" O.C.)
NOTES:
1. REFER TO NOTES FOR WALL TYPE W3.
- W2 INTERIOR PARTITION**
DESIGN FOR STC 50
ASSEMBLY:
1. 1/2" GYPSUM WALL BOARD (SCREWS @ 12" O.C.)
2. GREEN GLUE COMPOUND (1.75 OZ/FT²)
3. 1/2" GYPSUM WALL BOARD (SCREWS @ 24" O.C.)
4. 2x4 WOOD STUDS 24" O.C.
5. 3-1/2" BATT INSULATION
6. 1/2" GYPSUM WALL BOARD (SCREWS @ 24" O.C.)
NOTES:
1. REFER TO NOTES FOR WALL TYPE W1.
2. ASSEMBLY SHALL BE INSTALLED SUCH THAT CORRIDOR SURFACE OF WALL RECEIVES DOUBLE LAYER OF SHEETROCK WITH GREEN GLUE. OFFICE SURFACE SHALL RECEIVE SINGLE LAYER DRYWALL.
- W2-B BEARING PARTITION**
DESIGN FOR STC 50
ASSEMBLY:
1. 1/2" GYPSUM WALL BOARD (SCREWS @ 12" O.C.)
2. GREEN GLUE COMPOUND (1.75 OZ/FT²)
3. 1/2" GYPSUM WALL BOARD (SCREWS @ 24" O.C.)
4. 2x6 WOOD STUDS 24" O.C.
5. 3-1/2" BATT INSULATION
6. 1/2" GYPSUM WALL BOARD (SCREWS @ 24" O.C.)
NOTES:
1. REFER TO NOTES FOR WALL TYPE W2.
- W3-1HR 1-HR RATED PARTITION**
DESIGN FOR STC 60
ASSEMBLY:
1. 1/2" GYPSUM WALL BOARD
2. 5/8" TYPE X GYPSUM WALL BOARD
3. 2x4 WOOD STUDS 24" O.C.
4. 3-1/2" BATT INSULATION
5. (AIR SPACE AS REQ. FOR MEP)
6. 2x4 WOOD STUDS 18" O.C.
7. 3-1/2" MINERAL FIBER BATT INSULATION
8. 5/8" TYPE X GYPSUM WALL BOARD
9. 1/2" GYPSUM WALL BOARD
NOTES:
1. REFER TO NOTES FOR WALL TYPE W3.

1 FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"



2 SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"



TOWN OF BETHLEHEM, NEW YORK
PLANNING DEPT. ORIGINAL
- SCANNED -
0 1 2 INCHES

PLANNING BOARD
TOWN OF BETHLEHEM
ALBANY COUNTY, NEW YORK
By direction of the Chairman.
These drawings are hereby approved.
See sheet(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 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