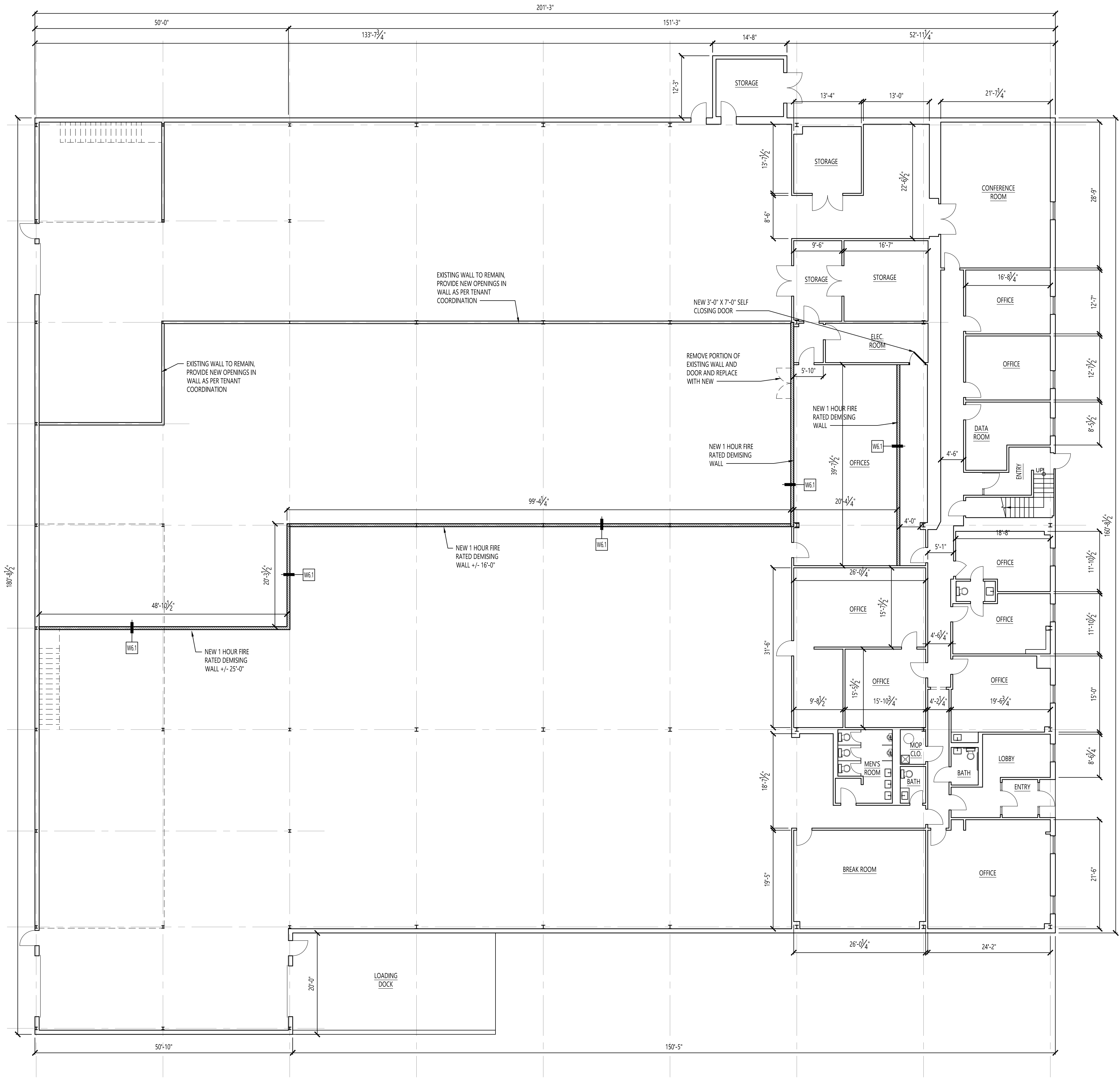




LEGEND

EXISTING WALL

NEW WALL

EXISTING DOOR

NEW DOOR

METAL STUD LIMITING HEIGHTS

STUD SIZE	20 GA	18 GA	16 GA	REMARKS
3 5/8" @ 16" O.C.	15'-2"	16'-7"	17'-9"	
3 5/8" @ 12" O.C.	16'-9"	18'-3"	19'-7"	
6" @ 16" O.C.	22'-8"	24'-9"	26'-6"	
6" @ 12" O.C.	25'-0"	27'-3"	29'-2"	
8" @ 16" O.C.	28'-7"	31'-2"	33'-6"	
8" @ 12" O.C.	31'-6"	34'-4"	36'-10"	

1. ALL STUD WALLS TO BE BRACED FROM FLOOR OR ROOF STRUCTURE AT 4'-0" O.C.

2. STUD FRAMING TO BE PROVIDED WITH HORIZONTAL STRAP BRIDGING EVERY 4'-0" O.C.

3. ALL GYPSUM BOARD TO HAVE 3 COATS OF JOINT COMPOUND TO BE APPLIED TO ALL JOINTS AND SCREW HEADS WITH 2" PAPER TAPE EMBEDDED IN FIRST LAYER OF COMPOUND.

4. ALL GYPSUM BOARD EDGES AGAINST MASONRY AND METAL OR WOOD FRAMES TO BE PROVIDED WITH "J" BEADS.

5. ALL G.W.B. SHALL BE INSTALLED VERTICALLY AND STAGGERED ON OPPOSITE SIDES OF ASSEMBLY W/ FASTENERS.

6. USE 3/8" FIRERATED GYPSUM AS SPECIFIED IN WALL TYPES

7. ALL DIMENSIONS TO BE VERIFIED IN FIELD.

DECK UNDERSIDE

FIRESTOP PER DETAILS AT RATED WALLS

6" METAL STUDS, GAUGE PER CHART

1 LAYER OF 1/2" TYPE "X" GYP. BD. ON BOTH SIDES

FLOOR

NOTE: FIRE STOP ALL PENETRATIONS AT RATED WALLS

W6.1 6" METAL STUD PARTITION WITH 1 HR. RATING UL# U425

METAL STUD PARTITIONS

FIRESTOP PENETRATION SCHEDULE

BASIS OF DESIGN IS UL SYSTEM HILTI

TYPE OF PENETRATION	GYPSUM WALLS
METAL PIPE/CONDUIT	W-L-1054
NON METALLIC PIPES	W-L-2075
CABLES	W-L-3065
INSULATED PIPES	W-L-5029
DUCT WORK	W-L-7050

TOP OF WALL FIRESTOP SCHEDULE

METAL DECKING HW-S-0633

WHERE THERE IS A CONCEALED FIRE RATED WALL, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING IN THE CONCEALED SPACE.

SUCH IDENTIFICATION SHALL:

1. BE LOCATED WITHIN 15 FEET OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30 FEET MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION.

2. INCLUDE LETTERING NOT LESS THAN 3 INCHES IN HEIGHT WITH A MINIMUM 3/8-INCH STROKE IN A CONTRASTING COLOR INCORPORATING THE SUGGESTED WORDING, "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS."

UL LISTED ASSEMBLIES

JOINTS AND PENETRATIONS :
UL #W-L-1479
UL# W-L-2075

METAL STUD WALLS:
UL# U425

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER AN ITEM IN ANY WAY.

THIS DRAWING, PREPARED FOR THE SPECIFIC PROJECT INDICATED, IS AN INSTRUMENT OF SERVICE, AND THE PROPERTY OF THE ARCHITECT. INFRINGEMENT OR ANY USE OF THIS PROJECT IS PROHIBITED.

ISSUE DATE COMMENT

PROJECT:
DEMISING WALL CONSTRUCTION
155 GRASSY PLAIN
BETHEL, CT

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING LICENSED PROFESSIONAL SHALL AFFIX TO THEIR ITEM THEIR SEAL AND THENOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SEAL & SIGNATURE

NOT VALID UNTIL SEALED

PROJECT No:
DRAWING BY:
CHK BY:
SHEET NUMBER:

TITLE DRAWING:
DEMISING WALL CONSTRUCTION PLAN
A-100