

IBC 2009 CODE DATA

OCCUPANT LOAD	193 PEOPLE
USE GROUP CLASSIFICATION	MERCANTILE/ BUSINESS (LOUNGE)
TYPE OF CONSTRUCTION	5B - UNPROTECTED
TOTAL AREA OF WORK: PROPOSED	13,187 SF
ACTUAL BUILDING AREA: EXISTING	12,884 SF
ACTUAL BUILDING HEIGHT	(1) STORIES
BUILDING AREA LIMITATION - SQ. FT. (TABLE 503)	9,000 SF PER FLOOR
BUILDING HEIGHT LIMITATION - STORIES (TABLE 503)	(1) STORIES
STREET FRONTAGE INCREASE (150%) - SQ. FT.	N/A
AUTOMATIC SPRINKLER SYSTEM AREA INCREASE (300%) - SQ. FT.	36,000 SF ALLOWABLE AREA
AUTOMATIC SPRINKLER SYSTEM HEIGHT INCREASE	(1) STORY, 2 STORIES ALLOWABLE
FIRE SUPPRESSION:	YES-PER NFPA 13
EXIT ACCESS FIRE RATINGS:	
FIRE WALLS:	
PARTY WALLS	N/A (SAME TENANT)
STAIR ENCLOSURES	NONE
SHAFTS	NONE
EXIT ACCESS CORRIDORS	0 HOUR
FIRE PROTECTION OF STRUCTURE:	
PRIMARY STRUCTURAL FRAME	0 HOUR
LOAD BEARING WALLS - EXTERIOR	0 HOUR
LOAD BEARING WALLS - INTERIOR	0 HOUR
NON-LOAD BEARING WALLS - EXTERIOR	0 HOUR
NON-LOAD BEARING WALLS - INTERIOR	0 HOUR
FLOOR CONSTRUCTION	0 HOUR
ROOF CONSTRUCTION	0 HOUR

OCCUPANT LOAD:		
MERCANTILE: 4,617 SF/ 30 SF/ PERSON (GROSS) =	154 PEOPLE	
MERCANTILE OFFICE: (CALC. PER BUSINESS)		
FIRST FLOOR: 592 SF/ 100 SF/ PERSON =	6	
SECOND FLOOR: 868 SF/ 100 SF/ PERSON =	9	
STOREROOM: 7,110 SF/ 300 SF/ PERSON =	24	
TOTAL OCCUPANT LOAD =	193 PEOPLE	
OCCUPANCY SEPARATION:		
NON-SEPARTATED MIXED USE		
DESIGN MEETS SPACE AND BULK REQUIREMENTS FOR MERCANTILE AS THE MOST RESTRICTIVE USE		

NFPA 101 2009 CODE DATA

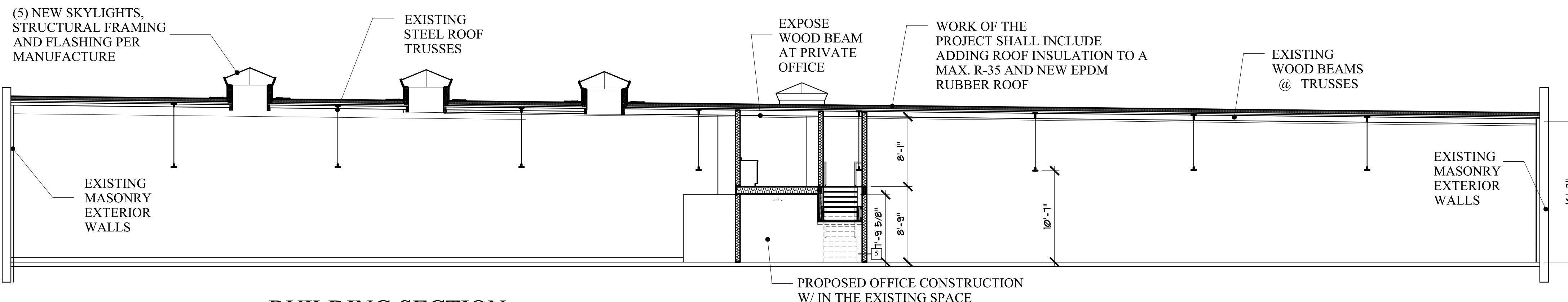
OCCUPANT LOAD	193 PEOPLE
USE GROUP CLASSIFICATION	MERCANTILE(CLASS-B)/ BUSINESS
TYPE OF CONSTRUCTION	5 (000) - UNPROTECTED
TOTAL AREA OF WORK: PROPOSED	13,187 SF
ACTUAL BUILDING AREA: EXISTING	12,884 SF
BUILDING HEIGHT	(1) STORY
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FLOOR CONSTRUCTION	0 HOUR
ROOF CONSTRUCTION	0 HOUR

OCCUPANCY SEPARATION:		
NON-SEPARTATED MIXED USE		
DESIGN MEETS SPACE AND BULK REQUIREMENTS FOR MERCANTILE AS THE MOST RESTRICTIVE USE		
INTERIOR FINISHES:		
WALLS AND CEILINGS: CLASS A, B OR C		
FLOORS: CLASS 1 OR 2		
F.F.E. SHALL MEET NFPA 265 AND 701.		

DISTANCE LIMITATIONS: (SPRINKLERED BUILDING)

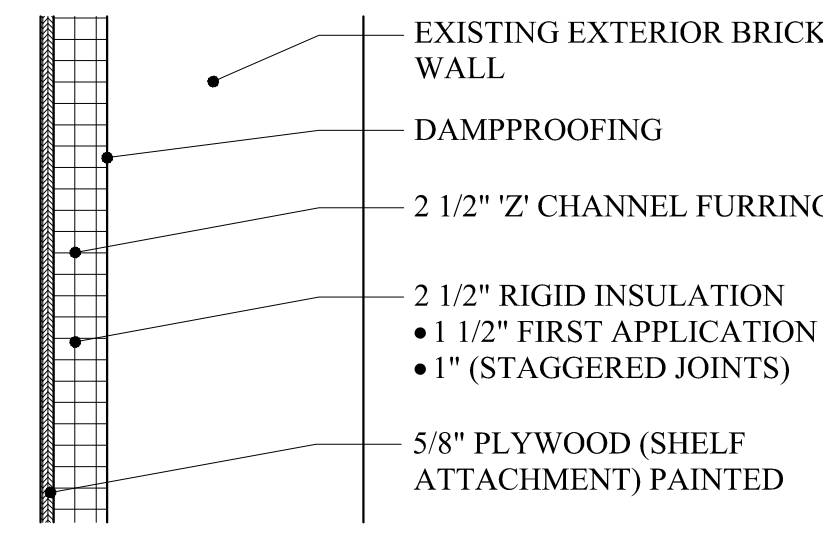
COMMON PATH OF TRAVEL:
MERCANTILE: 100' MAX.
BUSINESS: 100' MAX.

MAXIMUM TRAVEL DISTANCE:
MERCANTILE: 250' MAX.
BUSINESS: 300' MAX.



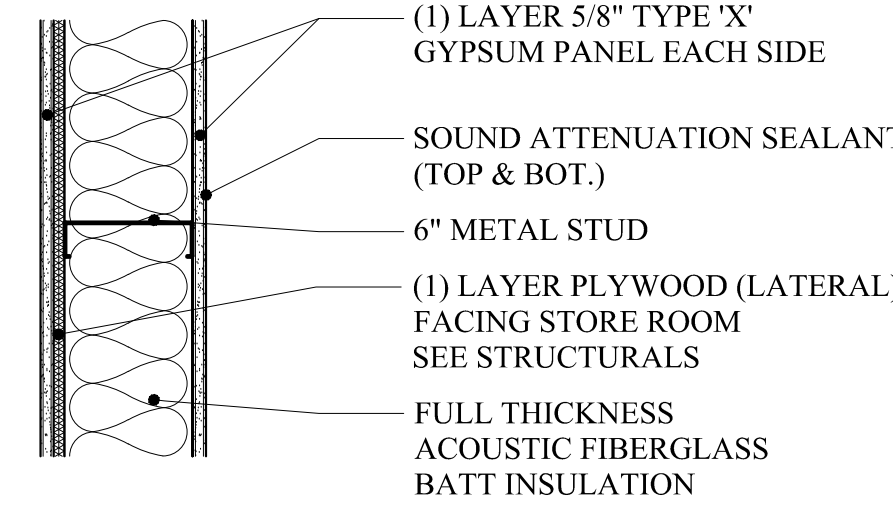
BUILDING SECTION
SCALE: 1/8"=1'-0"

EXISTING WALL - COOLER



1 STOREEROOM EXTERIOR WALL

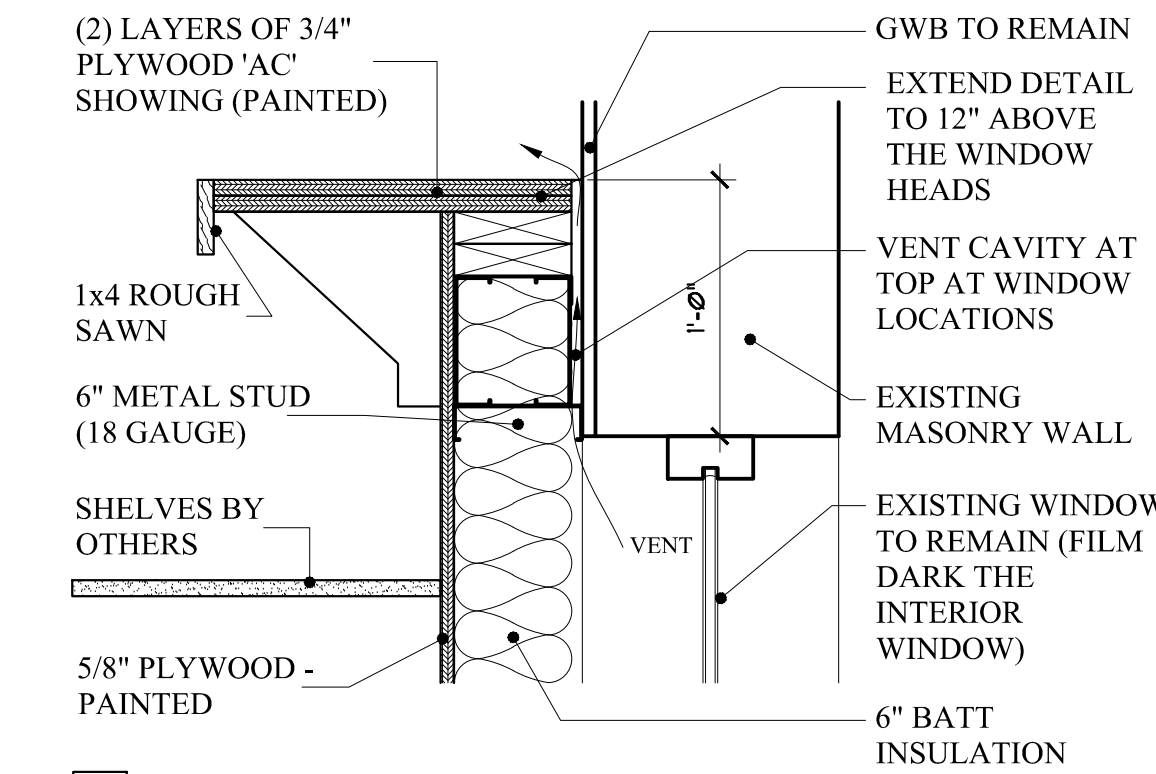
PROPOSED DEMISING WALL - INTERIOR



5 6" METAL SHEAR WALL - (1HR RATED)
(UL DESIGN: U 419sim.) FIRE CAULK PERIMETER (stc 56)

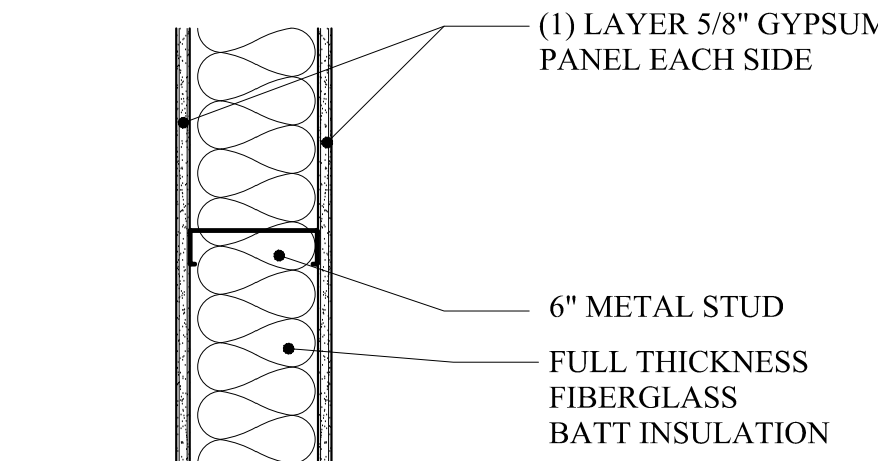
EXTEND WALL TO UNDERSIDE OF ROOF DECK ABOVE
INSTALL ALL MATERIALS PER MANUFACTURE REQUIREMENTS

EXISTING WALL - INTERIOR



2 RETAIL EXTERIOR WALL

PROPOSED WALL - INTERIOR



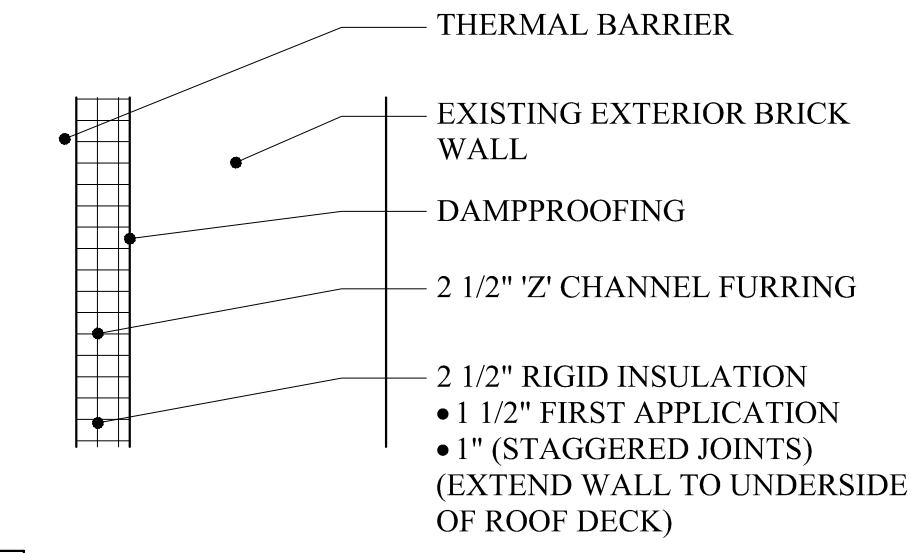
6 6" METAL WALL - (NON-RATED)

CAULK PERIMETER
VEHICULAR LOADING AREA: EXTEND WALL TO ROOF DECK ABOVE
SIM: NON-INSULATED : EXTEND WALL TO ROOF DECK ABOVE

EXISTING WALL - PARTY WALL

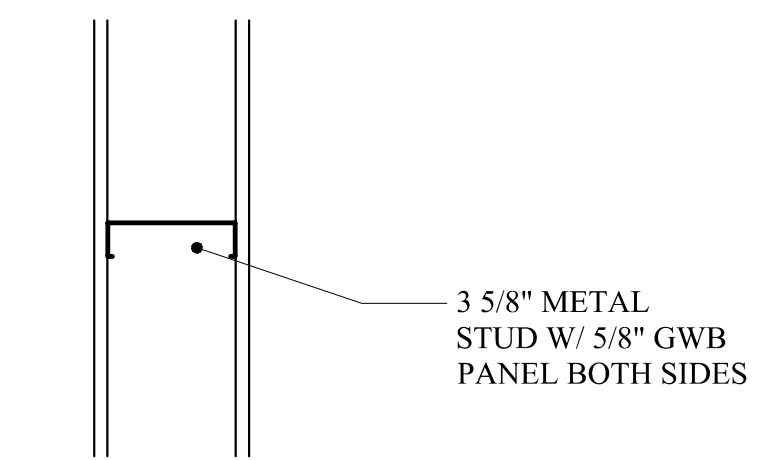
3 EXISTING WALL TO REMAIN MAINTAIN FIRE RATING

PROPOSED DEMISING WALL - INTERIOR



4 EXTERIOR WALL @ WALK-IN COOLER

EXISTING WALL - INTERIOR



7 3 5/8" METAL STUD WALL - (NON- RATED)

7.1 3 5/8" METAL STUD WALL - (1 HR. - RATED)
ADD: (1) LAYER 5/8" TYPE 'X' BOTH SIDES

* INSTALL ALL MATERIALS PER MANUFACTURE REQUIREMENTS

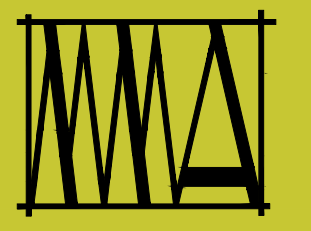
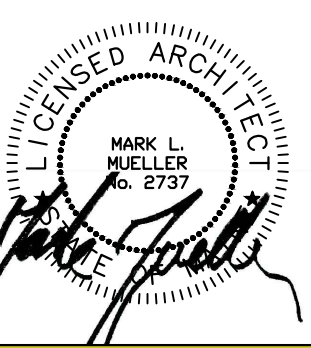
METAL STUD NOTES:

METAL STUDS: <10' LENGTHS: 25 GA
> 10' LENGTHS: 18 GA
BRACE AS REQUIRED

DOOR SCHEDULE:

- DOOR 1: 38"x84" AUTO-SLIDING DOOR W/ TRANSOM
- DOOR 2: SIM. TO ABOVE
- DOOR 3: 36"x84" SWING EXIT DOOR W/ TRANSOM, MATCH DOOR 1
- DOOR 4: TYPE A.1
- DOOR 5: TYPE A.1 W/ CLOSER
- DOOR 6: TYPE A WITH CLOSER (FIELD VERIFY M.O.)
- DOOR 7: 36" GLASS COOLER DOOR, BY COOLER MANUFACTURE
- DOOR 8: 10' X 10' high OHD, METAL INSULATED W/ ELECTRIC OPENER/REMOTE, VISION PANELS
- DOOR 9: TYPE C W/ CLOSER
- DOOR 10: 72" X 84" METAL DOUBLE-ACTING DOORS, KICK PLATE BOTH SIDES
- DOOR 11: TYPE C, CLOSER
- DOOR 12: TYPE C, CLOSER
- DOOR 13: 10' X 10' high OHD, METAL INSULATED W/ ELECTRIC OPENER/REMOTE, VISION PANELS
- DOOR 14: TYPE C, CLOSER
- DOOR 15: TYPE C, CLOSER
- DOOR 16: 10' X 10' high OHD, METAL INSULATED W/ ELECTRIC OPENER/REMOTE, VISION PANELS
- DOOR 17: TYPE A, CLOSER
- DOOR 18: TYPE C, CLOSER
- DOOR 19: TYPE C, CLOSER
- DOOR 20: TYPE C, (1) HR. FIRE RATED W/ CLOSER
- DOOR 21: ETR (EXISTING TO REMAIN)
- DOOR 22: TYPE A, W/ CLOSER
- DOOR 23: TYPE B, (1) HR. FIRE RATED DOOR W/ CLOSER
- DOOR 24: TYPE C
- DOOR 25: TYPE B, W/ CLOSER
- DOOR 26: TYPE B, W/ CLOSER
- DOOR 2.1: TYPE A.1, (1) HR. FIRE RATED W/ CLOSER
- DOOR 2.2: TYPE A.1
- DOOR 2.3: TYPE A.1

NOTES:
DOOR 1 & 2: SHALL UPON FIRE ALARM ACTIVATION RELEASE AND PIVOT FOR EMERGENCY EGRESS
ALL OHD'S TO HAVE SAFETY DEVICES



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MARK MUELLER ARCHITECTS

PROPOSED RE-DESIGN FOR:
ALTA VISTA LLC
 495 FOREST STREET
 PORTLAND, MAINE

BUILDING SECTIONS
 REVISIONS
 DATE
 MARCH 2017
 PROJECT
 ALTA VISTA | 2
 DRAWN BY
 MLM
 CHECK BY
 MLM