

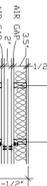
WALL TYPES LEGEND

WALL TYPE: (A)

UL LISTED WALL ASSEMBLY DESIGN USES
SEPARATION WALL, NON-BEARING, 2 HOUR RATED
S/C RATING: 27" MINERAL WOOL BATT ONE SPOUTS RAL-T-88-551
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SEE USG PUBLICATION SA423 FOR FURTHER INFORMATION: <https://www.usg.com>

UNIT SEPARATION WALL: (Max Height - 66 ft)
1. Floor, intermediate or top wall - 2 in. wide channel shaped with 1 in. deep legs formed from 1/2" x 1/2" x 1/2" galvanized steel.
2. Metal Studs - Steel members formed from No. 25 MS6 galv steel having "H" shaped flanges spaced 24 in. OC, overall depth 2 in. and flange width 1-3/8 in.
3. Gypsum Board - Two layers of 1/2" thick gypsum board (inter panels, supplied in non 24" increments) - Type SX, edges of panels friction fitted into "H" shaped studs.
4. USG Boral ZAVAM DRYWALL CSF2 - Type SX
5. USG Boral ZAVAM DRYWALL CSF2 - Type SX
6. USG Boral ZAVAM DRYWALL CSF2 - Type SX

PROTECTED WALL: (Bearing or Nonbearing Wall)



4. Wood Stud - Wall 2 by 4 in. max spacing 24 in. OC. Studs spaced 24 in. OC, overall depth 2 in. and flange width 1-3/8 in. where necessary for clip attachment; Min 3/8 in. separation between wood framing and fire separation wall.

5. Gypsum Board - Classified or unclassified - Min 1/2 in. thick, 4-ft wide, applied either side spaced 8 in. OC. Vertical joints located over studs. (Optional joints covered with paper tape and joint compound. Nail heads covered with joint compound.)

6. Attachment Clips - Aluminum angle, 0.033 in. thick, 3 in. wide with 3 in. and 2 1/4 in. legs. Clips spaced with Type S screws, 3/8 in. long to "H" studs and with Type W screws, 1-1/4 in. long to wood framing through holes provided in dip.

6a. Clip Placement (Item 6) for separation walls up to 23 ft high. Space clips a max of 10 ft OC, vertically between wood framing and "H" studs.

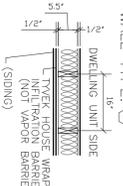
6b. Clip Placement (Item 6) for separation walls up to 44 ft high. Space clips as described in Item 6a for upper 24 ft. Remaining wall area below requires clips spaced a max 5 ft OC, vertically between wood framing and "H" studs.

6c. Clip Placement (Item 6) for separation walls up to 66 ft high. Space clips as described in Item 6a for upper 24 ft. Space clips as described in Item 6b for next 20 ft. Below the upper 24 ft. Remaining wall area below requires clips spaced a max of 40 in. OC, vertically between wood framing and "H" studs.

7. Non-Bearing Wall Partition Intersection - (Optional) Two nominal 2 by 4 in. stud or nominal 2 by 6 in. stud nailed together with two 5/8 in. long 10d nails spaced a max. 16 in. OC, spaced a max. 16 in. OC, vertically. Intersection between partition wood studs to be flush with the 2 by 4 in. studs. The wall partition wood studs are to be formed with a second 2 by 4 in. wood stud fastened with 3 in. long 10d nails spaced a max. 16 in. OC, vertically.

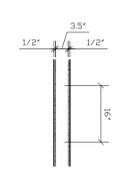
EXTERIOR WALL -
LOAD BEARING, 0 HOUR RATED
2x6, WOOD STUDS, SPF NO.2 OR BETTER, AT 16" ON CENTER, ONE LAYER OF 1/2" GYPSUM WALLBOARD ON INTERIOR FACE APPLIED USING TYPE S TYPE S PERMALL SCREWS, USE 7" WATER RESISTANT GYPSUM BOARD AT ALL WET LOCATIONS (E.G. BATHS, SHOWERS), AT LAUNDRY USE 2x6 STUDS TO ACCOMMODATE DRYER VENT, AT TOTALLY ENCLOSED AND UNFINISHED GYM, BOARD IS ONLY REQUIRED ON ROOM SIDE MIN. 5' S REQUIRED (WHERE APPLICABLE).

WALL TYPE: (B)



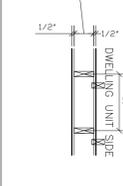
EXTERIOR WALL -
LOAD BEARING, 0 HOUR RATED
2x6, WOOD STUDS, SPF NO.2 OR BETTER, AT 16" ON CENTER, ONE LAYER OF 1/2" GYPSUM WALLBOARD ON INTERIOR FACE APPLIED USING TYPE S TYPE S PERMALL SCREWS, USE 7" WATER RESISTANT GYPSUM BOARD AT ALL WET LOCATIONS (E.G. BATHS, SHOWERS), AT LAUNDRY USE 2x6 STUDS TO ACCOMMODATE DRYER VENT, AT TOTALLY ENCLOSED AND UNFINISHED GYM, BOARD IS ONLY REQUIRED ON ROOM SIDE MIN. 5' S REQUIRED (WHERE APPLICABLE).

WALL TYPE: (C)



INTERIOR WALL LOCATED WITHIN ONE DWELLING UNIT AND NOT SHARED WITH ANY OTHER UNIT OR EXTERIOR WALL
LOAD BEARING (OR NOT LOAD BEARING), 0 HOUR RATED
2x6, WOOD STUDS, SPF NO.2 OR BETTER, AT 16" ON CENTER, ONE LAYER OF 1/2" GYPSUM WALLBOARD ON INTERIOR FACE APPLIED USING TYPE S PERMALL SCREWS, USE 7" WATER RESISTANT GYPSUM BOARD AT ALL WET LOCATIONS (E.G. BATHS, SHOWERS), AT LAUNDRY USE 2x6 STUDS TO ACCOMMODATE DRYER VENT, AT TOTALLY ENCLOSED AND UNFINISHED GYM, BOARD IS ONLY REQUIRED ON ROOM SIDE MIN. 5' S REQUIRED (WHERE APPLICABLE).

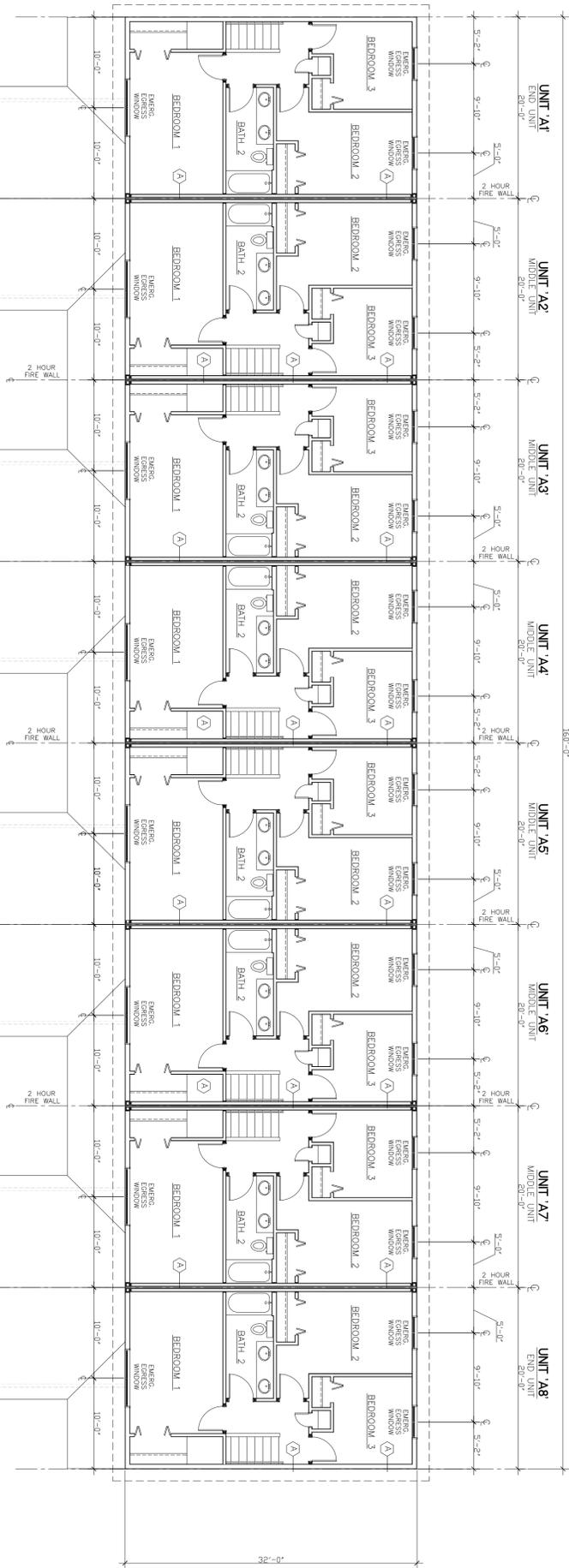
WALL TYPE: (D)



INTERIOR WALL LOCATED BETWEEN ONE DWELLING UNIT AND IT'S GARAGE AND NOT SHARED WITH ANY OTHER UNIT OR EXTERIOR WALL
LOAD BEARING (OR NOT LOAD BEARING), AT 16" ON CENTER, ONE LAYER OF 1/2" GYPSUM WALLBOARD ON INTERIOR FACE APPLIED USING TYPE S PERMALL SCREWS, USE 7" WATER RESISTANT GYPSUM BOARD AT ALL WET LOCATIONS (E.G. BATHS, SHOWERS), AT LAUNDRY USE 2x6 STUDS TO ACCOMMODATE DRYER VENT, AT TOTALLY ENCLOSED AND UNFINISHED GYM, BOARD IS ONLY REQUIRED ON ROOM SIDE MIN. 5' S REQUIRED (WHERE APPLICABLE).

GENERAL NOTES:

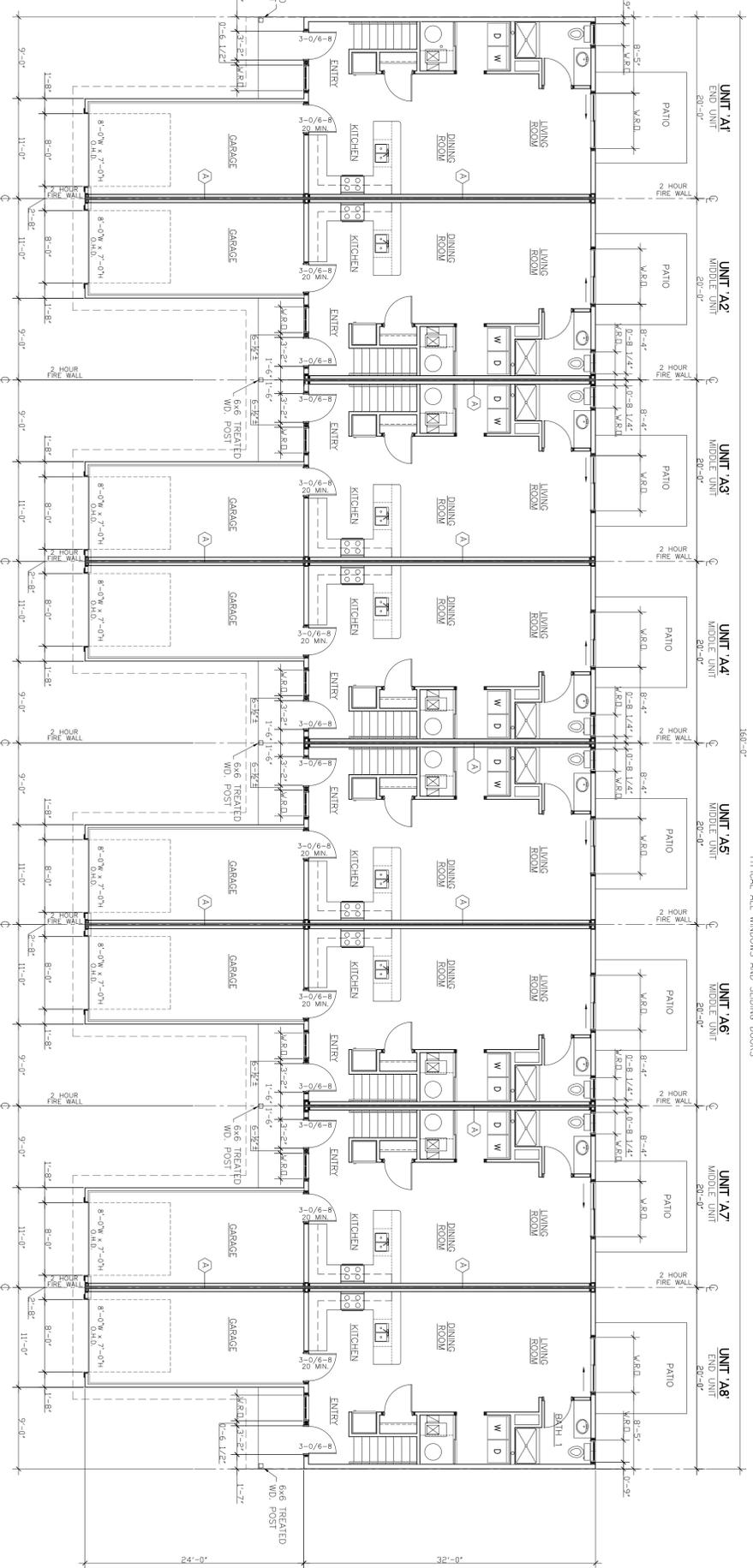
1. TYPICALLY ALL INTERIOR DIMENSIONS ARE FROM FACE OF STUD. EXTERIOR DIMENSIONS ARE MEASURED TO THE OUTSIDE FACE OF SHEATHING AND/OR AND ARE INDICATED AS SUCH.
2. ALL APPLIANCES, CABINETS, COUNTERTOPS AND CLOSET SYSTEMS SHALL BE AS SELECTED BY OWNER.
3. ACCESSIBILITY REQUIREMENTS DO NOT APPLY TO THIS PROJECT. HOWEVER, IT IS RECOMMENDED THAT ROOMS BE PROVIDED IN FIRST FLOOR BATHROOM WALLS FOR ACCESSIBILITY. RELEVANT FEATURES BE INSTALLED WITH CLEARANCES IN COMPLIANCE WITH ANSI A117.1 FOR TYPE "B" UNITS ON THE FIRST FLOOR.
4. ACCESSIBILITY REQUIREMENTS DO NOT APPLY TO THIS PROJECT. HOWEVER, DOOR CLEARANCES AND HARDWARE SHALL COMPLY WITH ALL RELEVANT ACCESSIBILITY REQUIREMENTS OF ANSI A117.1 FOR TYPE "B" UNITS.
5. ENGINEERED SHIP PARTS FOR ALL STRUCTURAL MEMBERS SHALL BE PREPARED BY SUPPLIER SPECIFICALLY FOR THIS PROJECT. RELEVANT DETAILS SHALL INDICATE COMPONENT SIZES, LOCATIONS, RELEVANT ENGINEERING DATA AND INSTALLATION DETAILS AS REQUIRED AND PER CODE.
6. FIRE STOP PORCH ROOF AND ALL OVERHANGS WITH 7/16 PLYWOOD AT MINIMUM EVERY 20'
7. FIRE STOP ALL BURHEADS AT EXTERIOR WALLS
8. FIRE STOP ALL BURHEADS WITH 1/2" GYP BOARD AT MINIMUM EVERY 20'
9. ALL DRYWALL EXPOSED TO SHALL HAVE AT MINIMUM A LEVEL 1 FINISH



8 UNIT STRUCTURE AREAS	
1st FLOOR DWELLINGS:	5,120 SQ.FT.
2nd FLOOR DWELLINGS:	5,120 SQ.FT.
SUB TOTAL:	10,240 SQ.FT.
GARAGES:	2,112 SQ.FT.
TOTAL:	12,352 SQ.FT.
TYPICAL TOWNHOUSE AREAS	
1st FLOOR DWELLING:	640 SQ.FT.
2nd FLOOR DWELLING:	640 SQ.FT.
GARAGE:	264 SQ.FT.
TOTAL:	1,544 SQ.FT.

SECOND FLOOR PLAN

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



FIRST FLOOR PLAN

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

PRELIMINARY

A11A

SHEET NO.

DATE

JOB NO.

DATE

BUILDING A:

RIVERSTONE TOWNHOME APARTMENTS

8 UNIT TWO STORY

303 BALDWIN ST.

JENISON, MICHIGAN 49428

RICHARD POSTEMA ASSOCIATES

ARCHITECTS, DESIGNERS, & ENGINEERS

1580 44th ST., S.W.

GRAND RAPIDS, MICHIGAN 49509

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RP

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