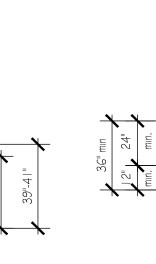
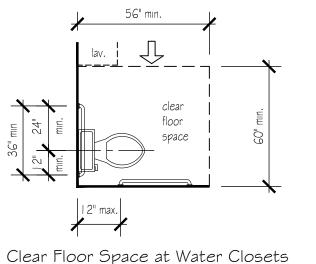
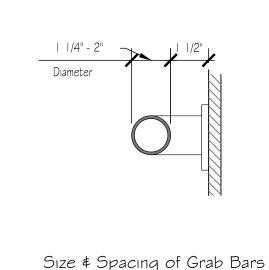


**Exposed hot water lines

shall be insulated.







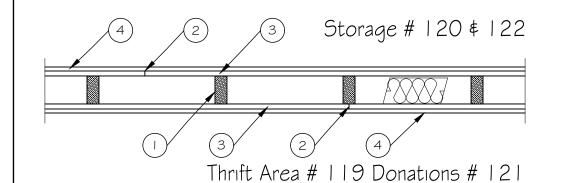
NOTE: PROVIDE SOLID BLOCKING AS

REQUIRED FOR ALL GRAB-BARS

Grab Bars at Water Closets

HANDICAP DETAILS

8 WALL TYPE - I HOUR FIRE PARTITION



UL DESIGN BXUV. U305 BEARING WALL RATING - I HR. (TO CEILING ABOVE

September 19, 2023

Bearing Wall Rating — 1 Hr

Finish Rating — See Items 3

STC Rating - 56 (See Item 9) This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

1. Wood Studs — Nom 2 by 6 in. spaced 16 in. OC max, effectively firestopped.

2. Joints and Nail-Heads — Joints covered with joint compound and paper tape. Joint compound and paper tape may be omitted when square edge boards are used. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard with the joints reinforced with paper tape. Nailheads exposed or covered with joint compound.

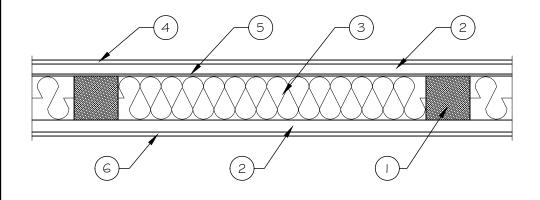
 $3. \; \text{Gypsum Board}^* - 5/8 \; \text{in. thick paper or vinyl surfaced, with beveled, square, or tapered edges, applied either }$ horizontally or vertically. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. When used in widths other than 48 in., gypsum panels are to be installed

4. T-111 - $\frac{1}{2}$ " in. Plywood to 8'.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

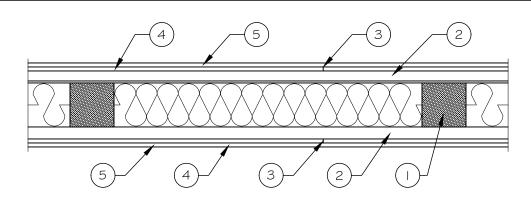
For additional information see: BXUV.GuideInfo - Fire-resistance Ratings - ANSI/UL 263 | UL Product iQ

WALL TYPE - EXTERIOR



- I. Wood Post nom 6 by 6 in., See Floor Plan.
- 2. Wood Purlins 2 x 4's @ 24"oc. horizontal.
- 3. R-21 Batt Insulation.
- 4. Metal Rib Panel to Match Existing.
- 5. Thermal Air Barrier.
- 6. T-||| ½" in. Plywood to 8' w/ metal cap \$ metal rib panel above (match existing)

🗘 🔿 WALL TYPE - 1 HR. RATED WALL



BEARING WALL RATING - I HR. (TO CEILING ABOVE) September 19, 2023

Bearing Wall Rating — | Hr

Finish Rating — See Items 3

STC Rating - 56 (See Item 9) This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

1. Wood Studs — Nom 6 by 6 in., effectively firestopped.

2. Wood Purlins - 2 x 4's @ 24"oc. horizontal.

3. Joints and Nail-Heads — Joints covered with joint compound and paper tape. Joint compound and paper tape may be omitted when square edge boards are used. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard with the joints reinforced with paper tape. Nailheads exposed or covered with joint compound.

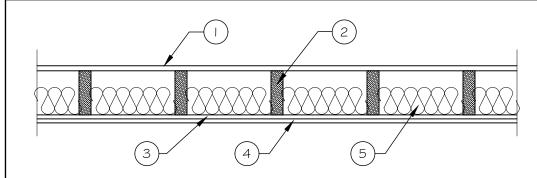
4. Gypsum Board* -5/8 in. thick paper or vinyl surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. When used in widths other than 48 in., gypsum panels are to be installed horizontally.

5. T-111 - ½" in. Plywood to 8'.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

For additional information see: BXUV.GuideInfo - Fire-resistance Ratings - ANSI/UL 263 | UL Product iQ

(I) FLOOR TYPE - I Hour Rated



I Hour Rated Ceiling \$ Floor

Design No. 14-1.1 Page 175, 2018 IBC

FLOOR CONSTRUCTION

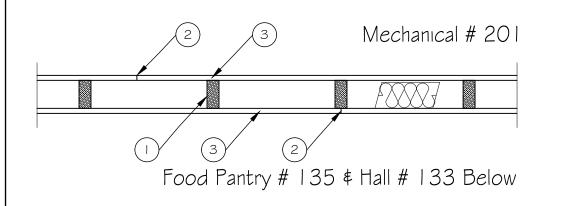
(Item #1) Plywood stressed skin panels consisting of 5/8"- thick interior C-D (exterior glue) top on (Item #2) 2" x 6" nominal (minimum) floor joist at 12" oc.. Adjacent panel edges joined with 8d common wire nails spaced at 6" oc.

CEILING CONSTRUCTION

(Item #3) $\frac{1}{2}$ " - thick wood fiberboard weighing 15-18 pounds per cubic foot installed with long dimension parallel to stringers or 3/8" C-D (exterior glue) plywood glued and or nailed to stringers. Nailing to be with

5b cooler or wallboard nails at 12" oc. (Item #4) Second layer of $\frac{1}{2}$ " Type "X" gypsum wallboard applied with long dimension perpendicular to joists and attached with 8d cooler nails or wallboard nails at 6" oc. at end joints and 8" oc. elsewhere. Wall board joints staggered with respect to fiberboard joints. (Item #5) Sound Batt Insulation.

WALL TYPE - I HOUR FIRE PARTITION



UL DESIGN BXUV. U305 BEARING WALL RATING - I HR. (TO CEILING ABOVE

September 19, 2023

Bearing Wall Rating — 1 Hr

Finish Rating — See Items 3

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

1. Wood Studs — Nom 2 by 4 in. spaced 16 in. OC max, effectively firestopped.

2. Joints and Nail-Heads — Joints covered with joint compound and paper tape. Joint compound and paper tape may be omitted when square edge boards are used. As an alternate, nom 3/32 in, thick gypsum veneer plaste may be applied to the entire surface of Classified veneer baseboard with the joints reinforced with paper tape. Nailheads exposed or covered with joint compound.

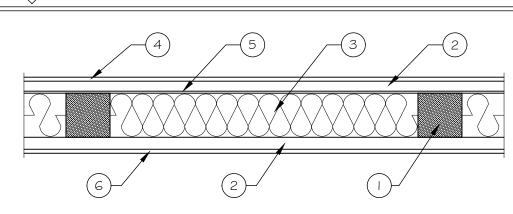
3. Gypsum Board* - 5/8 in. thick paper or vinyl surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. When used in widths other than 48 in., gypsum panels are to be installed horizontally.

4. T-111 10' High (On wall Below)

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

For additional information see: BXUV.GuideInfo - Fire-resistance Ratings - ANSI/UL 263 | UL Product IQ

WALL TYPE - EXTERIOR



I. Wood Post — nom 6 by 6 in., See Building Manufacturer Floor Plan.

2. Wood Purlins 2 x 4's @ 24"oc. horizontal.

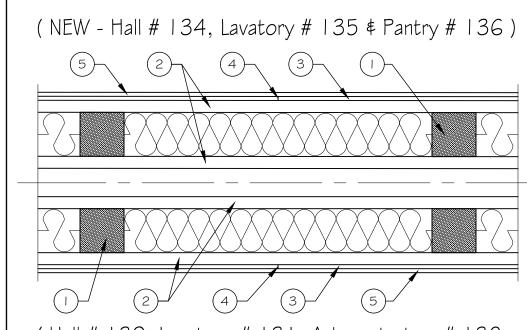
3. R-21 Batt Insulation.

4. Metal Rib Panel to Match Existing.

5. Thermal Air Barrier.

6. T-||| - ½" in. Plywood to |0' w/ metal cap \$ metal rib panel above (match existing)

(4) WALL TYPE - I hr. Fire Rated Seperation



(Hall # 130, Lavatory # 131, Administration # 132 \$ Meeting Rm. #133)

UL DESIGN BXUV. U340 (Modified) BEARING WALL RATING - I HR. (TO ROOF DECK ABOVE)

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

I. Wood Post — nom 6 by 6 in., See Building Manufacturer Floor Plan.

2. Wood Studs — Nom 2 by 4 in. alternating on opposite sides of nom 2 by 6 in. wood plates. Spaced 24 in. OC max on each side of wood plates, staggered 12 in. OC (or staggered equally if less than 24 in. OC) on

3. Gypsum Board* — 5/8 in. thick gypsum board, paper or vinyl faced with beveled, square, tapered or rounded edges. Gypsum board nailed to each stud 7 in. OC with 6d cement coated nails, 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam head. As an alternate, No. 6 bugle head drywall screws, 1-7/8 in. long, may be substituted for the 6d cement coated nails. When used in widths other than 48 in., gypsum board to be installed horizontally. When Steel Framing Members* (Item 5 or any alternate clips) are used, gypsum board attached to furring channels with I in. long Type S bugle-head steel screws spaced 12 in. OC.

4. Joints and Nailheads — Gypsum board joints covered with tape and joint compound. Nail heads covered with joint compound. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to entire surface of Classified veneer baseboard. Joints reinforced.

5. T-III - $\frac{1}{2}$ " in. Plywood to 10' w/ metal cap \$ metal rib panel above (match existing) at Food Pantry #136. Floor to Ceiling at Administration # 132 and Meeting Room # 133.

6. Batts and Blankets* — (Optional) R-21 glass or mineral fiber batt insulation friction-fit into stud cavities.

7. Existing Metal Rib Panel to be removed (Not Shown).

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively. Last Updated on 2024-01-30

SCALE: 1/4" = 1'-0'CONSTRUCTIO NOTES \$

PROJECT: 2311

AIA.

GARDNER,

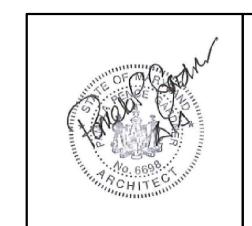
PAMELA

DETAILS

REV-DATE: DATE: 4-24-24 DRAWN BY: TGB

certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland,

licensed number 6698-R, expiration date 8-15-2025



DO NOT SCALE DRAWINGS: In the event that a dimension is inadvertently left off a drawing or the Contractor is unable to determine a dimension by a mathematical process, contact the Architect. Pamela P Gardner, AIA will not be held responsible for any assumptions arising from the scaling of a drawing by the Contractor.