NOTE: GRILLE MUST BE ATTACHED TO T-GRID MAINS; CUSTOM RAIL SIZES AND SPACING AVAILABLE

GRILLE-BACKERED SECTION DETAIL

1. 15\(\frac{1}{6}\)" H.D. T-GRID MAIN (BY OTHER)
2. 15\(\frac{1}{6}\)" H.D. T-GRID CROSS TEE (BY OTHER)
3. BACKER CLIP
4. SUSPENSION (BY OTHER)
5. BACKER RAIL
6. GRILLE RAIL (SOLID, LAMINATE, VENEER, OR VINYL WRAPPED)

BACKER CLIP

ISOMETRIC

ELEVATION

1. GRILLE-BACKERED SECTION DETAIL
2. BACKER CLIP
3. 12 INCH BACKER

NOTE: DO NOT SCALE DRAWING. FIGURED DIMENSIONS ARE TO BE FOLLOWED. READ THIS DRAWING IN CONJUNCTION WITH GENERAL ARCHITECTURAL PLANS, STRUCTURAL PLANS, AND OTHER RELATED DRAWINGS. THESE DRAWINGS REPRESENT ASI'S UNDERSTANDING AND INTERPRETATION OF THE ARCHITECTURAL DRAWINGS AND FOR APPROPRIATE USES TO THE PROJECT. COPYRIGHT © 2018 ASI

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SCALE: AS NOTED
LAST REVISED: 4/26/2018
DRAWN BY: BMH
1 TYPICAL RAIL PROFILES

6" = 1'-0"

1/8" RADIUS, TYP.

BULLNOSE OPTION

3/4" X 1 3/8" RAILS
6 RAIL/FT.
2" SPACING O.C.

2 1/4" X 3/4" RAILS
4 RAIL/FT.
3" SPACING O.C.

3 1/4" X 3/4" RAILS
3 RAIL/FT.
4" SPACING O.C.

3 1/4" X 3/4" RAILS
2 RAIL/FT.
6" SPACING O.C.

12" BACKER RAIL

2 TYPICAL 12 INCH GRILLE MODULES

3" = 1'-0"

3/4" X 1 3/8" RAILS
8 RAIL/FT.
1 1/2" SPACING O.C.

3/4" X 3/4" RAILS
2 RAIL/FT.
6" SPACING O.C.

CUSTOM PROFILES AVAILABLE UPON REQUEST

GRILLE-BACKERED SYSTEM - TYPICAL HARDWOOD PROFILE OPTIONS

SCALE: AS NOTED
LAST REVISED: 4/26/2018
DRAWN BY: BMH

ASi
123 Columbia Court North, Chaska,
Minnesota 55318 P. 800.527.6253
1 TYPICAL VENEERED PROFILES
6" = 1'-0"

- 3/4" X 1 3/8" RAILS
  6 RAIL/FT.
  2" SPACING O.C.

- 2 1/4" BACKER RAIL

- 3/4" X 13/8" RAILS
  8 RAIL/FT.
  1 1/2" SPACING O.C.

2 TYPICAL 12 INCH VENEERED MODULES
3" = 1'-0"

- 2 3/4" X 3 1/4" RAILS
  4 RAIL/FT.
  3" SPACING O.C.

- 3 3/4" X 3/4" RAILS
  3 RAIL/FT.
  4" SPACING O.C.

- 5 3/4" X 3/4" RAILS
  2 RAIL/FT.
  6" SPACING O.C.

CUSTOM PROFILES AVAILABLE UPON REQUEST

GRILLE-BACKERED SYSTEM - TYPICAL VENEERED PROFILE OPTIONS
TRIM (AS SPECIFIED)

1/2" X 1 1/4" DOWEL

1 1/2" H.D. T-GRID (BY OTHER)

1" ACOUSTICAL BACKER (2" AVAILABLE)

1 1/2" H.D. T-GRID MAINS (BY OTHER)

TRIM (AS SPECIFIED)

CEILING ISOMETRIC - TYP.

1 1/2" = 1'-0"

GRILLE-BACKERED (CEILING SYSTEM) - ISOMETRIC

1

4
1 CLOUD VERTICAL TRIM PLAN
1 1/2" = 1'-0"

2 TRIM @ EDGE - FRONT SECTION
3' = 1'-0"

3 TRIM @ EDGE - SIDE SECTION
3' = 1'-0"

FIELD CUT MITERS TYP.
KERFED TRIM
BACKER CLIP
FIELD ATTACHED BACKER RAIL @ FIELD CUT ENDS (TYP.)
15/16" H.D. T-GRID MAINS (BY OTHER)

SUSPENSION (BY OTHER)
15/16" H.D. T-GRID MAIN (BY OTHER)
BACKER CLIP
ACOUSTICAL BACKER
6" MAX.
6" MAX.

1/2" MIN. REVEAL
FIELD CUT
FIELD ATTACH BACKER RAIL IF EXISTING BACKER IS OVER 3" FROM FIELD CUT END

TO NOT SCALE DRAWING. FIELD DIMENSIONS ARE TO BE FOLLOWED. READ THIS DRAWING IN CONNECTION WITH GENERAL ARCHITECTURAL PLANS, STRUCTURAL PLANS, AND OTHER RELATED DRAWINGS. THESE DRAWINGS REPRESENT ASI’S UNDERSTANDING AND INTERPRETATION OF THE ARCHITECTURAL DRAWINGS AND ARE FOR SUPPLIED PRODUCTS ONLY. THE CONTRACTOR AGREES TO COMPLY WITH THE FINISHED PRODUCTS AND SUBMIT FOR PROJECT APPROVAL IN ACCORDANCE WITH ASI’S DRAWING & SPECIFICATION REQUIREMENTS.
1. **Floating @ Wall - Front Section**

   - 3\" = 1'-0""}

2. **Floating @ Wall - Side Section**

   - 3\" = 1'-0"

3. **Wall Angle - Front Section**

   - 3\" = 1'-0"

4. **Wall Angle - Side Section**

   - 3\" = 1'-0"

**Grille-Backered (Ceiling System) - Edge Conditions @ Wall**

- SUSPENSION (BY OTHER)
- 15\(\frac{1}{8}\)" H.D.
- T-GRID MAIN (BY OTHER)
- BACKER CLIP
- ACOUSTICAL BACKER
- WALL ANGLE (BY OTHER)
- BACKER CLIP

Field attach backer rail if existing backer is over 3\" from field cut end.

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Scale: As Noted

Last Revised: 4/26/2018

Drawn by: BMH

Sheet Number: 6
1. SPRINKLER HEAD DETAIL - PLAN VIEW

1 1/2" = 1'-0"

INDEPENDENTLY SUPPORTED SPRINKLER: FIELD CUT PENETRATION

BLACK BACKER RAIL

BACKER CLIP

2. SPRINKLER HEAD DETAIL - SECTION VIEW

1 1/2" = 1'-0"

INDEPENDENTLY SUPPORTED SPRINKLER: FIELD CUT PENETRATION

15/16" HEAVY DUTY T-GRID (BY OTHER)

SUSPENSION (BY OTHER)

BACKER CLIP

TRIM PLATE (BY OTHER)
1. **CAN LIGHT DETAIL - PLAN VIEW**
   
   **1 1/2" = 1'-0"**

   - **15/16" HEAVY DUTY T-GRID (BY OTHER)**
   - **INDEPENDENTLY SUPPORTED CAN LIGHT: FIELD CUT PENETRATION**
   - **BLACK BACKER RAIL**
   - **BACKER CLIP**

2. **CAN LIGHT DETAIL - SECTION VIEW**
   
   **1 1/2" = 1'-0"**

   - **1 1/2" HEAVY DUTY T-GRID (BY OTHER)**
   - **INDEPENDENTLY SUPPORTED CAN LIGHT: FIELD CUT PENETRATION**
   - **SUSPENSION (BY OTHER)**
   - **BACKER CLIP**
   - **TRIM PLATE (BY OTHER)**
   - **BMH 4/26/2018**

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**GRILLE-BACKERED (CEILING SYSTEM) - CAN LIGHT DETAILS**

**Scale:** As noted

**Last Revised:** 4/26/2018

**Drawn By:** BMH

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These drawings are intended only for use in conjunction with General Architectural Plans, Structural Plans, and other related drawings. They represent ASI's understanding and interpretation of the architectural drawings and for use in projects subject to the project contract.
1. RECESSED SPEAKER DETAIL - PLAN VIEW
   1 1/2" = 1'-0"

   - INDEPENDENTLY SUPPORTED SPEAKER: FIELD CUT PENETRATION
   - BLACK BACKER RAIL
   - BACKER CLIP

2. RECESSED SPEAKER DETAIL - SECTION VIEW
   1 1/2" = 1'-0"

   - INDEPENDENTLY SUPPORTED SPEAKER: FIELD CUT PENETRATION
   - 15/16" HEAVY DUTY T-GRID (BY OTHER)
   - SUSPENSION (BY OTHER)
   - TRIM PLATE (BY OTHER)
   - BACKER CLIP
1. **Diffuser Detail - Plan View**

1 1/2" = 1'-0"

- 15/64" Heavy Duty T-Grid (By Other)
- Independently Supported Diffuser: Field Cut Penetration
- Black Backer Rail
- Backer Clip

2. **Diffuser Detail - Section View**

1 1/2" = 1'-0"

- 15/64" Heavy Duty T-Grid (By Other)
- Independently Supported Ductwork (By Other)
- Suspension (By Other)
- Backer Clip
- Trim Plate (By Other)
NOTE: 24" MAXIMUM SCREW/SUPPORT SPACING

1" ACOUSTICAL BACKER (2" AVAILABLE)

TYP. WALL ASSEMBLY (BY OTHER)

FURRING (BY OTHER) TO MATCH ACOUSTICAL BACKER THICKNESS

BLACK BACKER TRIM (OPTIONAL) TO COINCIDE W/ FURRING THICKNESS; FACE NAILED & PUTTIED IN FIELD

1 1/2" REVEAL FOR EXPANSION & CONTRACTION

16 GA. FINISH NAIL (BY OTHER)

GRILLE RAIL

HORIZONTAL WALL ISOMETRIC - TYP.

1 1 1/2" = 1'-0"
TYP. WALL ASSEMBLY (BY OTHER)

3/4" TRIM FASTENED W/ FINISH NAIL AND PUTTIED IN FIELD BY OTHER

1" ACOUSTICAL BACKER IN BETWEEN FURRING (2" AVAILABLE)

1/2" MIN. REVEAL

BACKER RAIL SCREWED TO FURRING IN FIELD

3/4" TRIM FASTENED W/ FINISH NAIL AND PUTTIED IN FIELD BY OTHER

FURRING (BY OTHER) TO MATCH ACOUSTICAL BACKER THICKNESS: PAINTED BLACK IN FIELD

HORIZONTAL WALL PLAN @ TRIM

3" = 1'-0"

HORIZONTAL WALL ELEVATION @ TRIM

3" = 1'-0"
1. **HORIZONTAL WALL ELEVATION @ BASEBOARD**

   - 3" = 1'-0"
   - 1" ACOUSTICAL BACKER (2" AVAILABLE)
   - BLACK BACKER SCREWED TO FURRING IN FIELD
   - TYP. WALL SYSTEM (BY OTHER)
   - BASE AS SCHEDULED (BY OTHER)

2. **HORIZONTAL WALL SECTION @ BASEBOARD**

   - 3" = 1'-0"
   - FURRING (BY OTHER) TO MATCH ACOUSTICAL BACKER THICKNESS
   - BLACK BACKER SCREWED TO FURRING IN FIELD
   - BASE AS SCHEDULED (BY OTHER)
Furring (by other) to match acoustical backer thickness

Outlet penetration field cut

Black backer screwed to furring in field

1. Horizontal wall elevation @ outlet
   3" = 1'-0"

1" acoustical backer
(2" available)

Outlet penetration field cut

Black backer screwed to furring in field

Typ. wall system (by other)

2. Horizontal wall section @ outlet
   3" = 1'-0"
Furring (By other) to match acoustical backer thickness

Light switch penetration field cut

Black backer screwed to furring in field

1 Horizontal Wall Elevation @ Light Switch

3" = 1'-0"

1" Acoustical backer (2" available)

Light switch penetration field cut

Black backer screwed to furring in field

Typ. wall system (By other)
FURRING (BY OTHER) TO MATCH ACOUSTICAL BACKER THICKNESS

1" ACOUSTICAL BACKER (2" AVAILABLE)

TYP. WALL ASSEMBLY (BY OTHER)

BLACK BACKER

FURRING (BY OTHER) TO MATCH ACOUSTICAL BACKER THICKNESS

2" SCREW (BY OTHER)

1" ACOUSTICAL BACKER (2" AVAILABLE)

TRIM (OPTIONAL) TO COINCIDE W/ FURRING THICKNESS; FACE NAILED & PUTTIED IN FIELD

16 GA. FINISH NAIL (BY OTHER)

VERTICAL WALL ISOMETRIC - TYP.  
1 1/2" = 1'-0"
1. TYP. WALL ASSEMBLY (BY OTHER)

3/4" TRIM FASTENED W/ FINISH NAIL AND PUTTIED IN FIELD BY OTHER

1" ACOUSTICAL BACKER IN BETWEEN FURRING (2" AVAILABLE)

FURRING (BY OTHER) TO MATCH ACOUSTICAL BACKER THICKNESS: PAINTED BLACK IN FIELD

1. VERTICAL WALL PLAN @ TRIM

3" = 1'-0"

BACKER RAIL SCREWED TO FURRING IN FIELD

3/4" TRIM FASTENED W/ FINISH NAIL AND PUTTIED IN FIELD BY OTHER

GRILLE RAIL

2. VERTICAL WALL ELEVATION @ TRIM

3" = 1'-0"
Furring (by other) to match acoustical backer thickness

Black backer screwed to furring in field

Base as scheduled (by other)

1. Vertical Wall Elevation @ Baseboard

3" = 1'-0"

1" Acoustical backer
(2" available)

Black backer screwed to furring in field

Typ. Wall system (by other)

Base as scheduled (by other)

2. Vertical Wall Section @ Baseboard

3" = 1'-0"
Furring (by other) to match acoustical backer thickness

Outlet penetration field cut

Black backer screwed to furring in field

1 Vertical Wall Elevation @ Outlet

3' = 1'-0"

1" Acoustical Backer
(2" available)

Outlet penetration field cut

Black backer screwed to furring in field

Typ. Wall System (by other)

2 Vertical Wall Section @ Outlet

3' = 1'-0"

Grille-Backered (Vertical Wall System) - Outlet Details
Furring (by other) to match acoustical backer thickness

Light switch penetration field cut

Black backer screwed to furring in field

1. **Vertical Wall Elevation @ Light Switch**
   
   3" = 1'-0"

   1" Acoustical backer (2" available)

   Light switch penetration field cut

   Black backer screwed to furring in field

   Typ. wall system (by other)

2. **Vertical Wall Section @ Light Switch**
   
   3" = 1'-0"

   Grille-backed (vertical wall system) - Light switch details
VEENEER (FIELD APPLIED)

FIELD CUT END

1. STEP 1
3" = 1'-0"

2. STEP 2
3" = 1'-0"

VEENEER APPLIED TO FIELD CUT END W/ HOT MELT & IRON

FOR FIELD FINISHING A SOLID RAIL - APPLY WOOD FINISH TO FIELD CUT END

FIELD FINISHED END (STAINED/ FINISHED IN FIELD)

3. STEP 3
3" = 1'-0"

GRILLE-BACKERED SYSTEM - FIELD FINISHED END INSTRUCTIONS
DESIRED FIELD CUT ANGLE

STAPLE 3/4" THICK PLYWOOD BACKER PLATE (BY OTHER) TO GRILLE RAILS. BACKER PLATE IS TO BE PAINTED BLACK ON FACE.

ONCE BACKER PLATE IS FASTENED TO GRILLE PANEL, CUT DESIRED LINE AND FINISH ENDS AS SHOWN IN THE FIELD FINISHED END INSTRUCTIONS IN THIS STANDARD DETAIL SET.

1. ANGLE-CUTTING STEP 1
   1 1/2" = 1'-0"

2. ANGLE-CUTTING STEP 2
   1 1/2" = 1'-0"

3. ANGLE-CUTTING STEP 3
   1 1/2" = 1'-0"