1. **Grille-Backered Section Detail**

   - 6 x 1 3/8" Trim head screw typ. for T-grid install (installer to determine screw type for all other installs)
   - 15/64" H.D. T-grid Cross Tee (by other)
   - 15/64" H.D. T-grid Main (by other)
   - Grille rail (solid, laminate, veneer, or vinyl wrapped)
   - Notched backer

2. **Backer Clip (for 15/16" H.D. T-grid)**

   - 1" = 1'-0"

3. **Backer & Dowel Details**

   - 3" = 1'-0"

**Note:** Grille must be attached to T-grid mains; custom rail sizes and spacing available.

**Grille-notched (ceiling system) - Section Details & Hardware**

Scale: As noted

Last Revised: 4/27/2018

Drawn by: BMH
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
TRIM SCREW
FIELD ATTACHED
BACKER @ FIELD CUT ENDS (TYP.)
15/16" H.D. T-GRID MAINS (BY OTHER)

1 1/2" = 1'-0"

SUSPENSION
( BY OTHER )

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

ACOUSTICAL BACKER

1/2" MIN. REVEAL

FIELD ATTACH BACKER RAIL IF EXISTING BACKER IS OVER 3" FROM FIELD CUT END

GRILLE-NOTCHED (CEILING SYSTEM) - TRIM CONDITIONS

SCALE: AS NOTED
123 Columbia Court North, Chaska, Minnesota 55318 P. 800.527.6253

LAST REVISED: 4/27/2018
DRAWN BY: BMH

COPIES OF DRAWINGS, PROJECT SPECIFICATIONS ARE TO BE REVIEWED WITH THE ENGINEERING DATA SHEETS, STRUCTURAL PLANS, AND OTHER RELATED DRAWINGS. THESE DRAWINGS REPRESENT AN UNDERSTANDING AND INTERPRETATION OF THE ARCHITECTURAL DRAWINGS AND AS RECEIVED PRODUCTS RELATE TO THE PROJECT. EXPERT MATERIAL OPEN/SAE
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-NOTCHED (CEILING SYSTEM) - EDGE CONDITIONS @ WALL

SUSPENSION (BY OTHER)

15/16" H.D. T-GRID MAIN (BY OTHER)

TRIM SCREW

SUSPENSION (BY OTHER)

15/16" H.D. T-GRID MAIN (BY OTHER)

TRIM SCREW

SUSPENSION (BY OTHER)

15/16" H.D. T-GRID MAIN (BY OTHER)

ACOUSTICAL BACKER

TRIM SCREW

6" MAX.

1/2" MIN. REVEAL

FIELD ATTACH BACKER RAIL IF EXISTING BACKER IS OVER 3" FROM FIELD CUT END

3" = 1'-0"

WALL ANGLE (BY OTHER)

TRIM SCREW

6" MAX.

1/2" MIN. REVEAL

FIELD ATTACH BACKER RAIL IF EXISTING BACKER IS OVER 3" FROM FIELD CUT END

3" = 1'-0"
15/8" HEAVY DUTY T-GRID (BY OTHER)

INDEPENDENTLY SUPPORTED SPEAKER: FIELD CUT PENETRATION

NOTCHED BACKER

TRIM SCREW

1 SPRINKLER HEAD DETAIL - PLAN VIEW
1 1/2" = 1'-0"

INDEPENDENTLY SUPPORTED SPRINKLER: FIELD CUT PENETRATION

15/8" HEAVY DUTY T-GRID (BY OTHER)

SUSPENSION (BY OTHER)

TRIM SCREW

2 SPRINKLER HEAD DETAIL - SECTION VIEW
1 1/2" = 1'-0"

TRIM PLATE (BY OTHER)
15 1/2" HEAVY DUTY T-GRID (BY OTHER)

INDEPENDENTLY SUPPORTED CAN LIGHT: FIELD CUT PENETRATION

NOTCHED BACKER

TRIM SCREW

1 CAN LIGHT DETAIL - PLAN VIEW
1 1/2" = 1'-0"

SUSPENSION (BY OTHER)

INDEPENDENTLY SUPPORTED CAN LIGHT: FIELD CUT PENETRATION

TRIM SCREW

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

1 1/2" = 1'-0"

- 15/16" HEAVY DUTY T-GRID (BY OTHER)
- NOTCHED BACKER
- INDEPENDENTLY SUPPORTED PENDANT LIGHT: FIELD CUT PENETRATION
- TRIM SCREW

2. PENDANT LIGHT DETAIL - SECTION VIEW

1 1/2" = 1'-0"

- 15/16" HEAVY DUTY T-GRID (BY OTHER)
- SUSPENSION (BY OTHER)
- TRIM SCREW
- TRIM PLATE (BY OTHER)

GRILLE-NOTCHED (CEILING SYSTEM) - PENDANT LIGHT DETAILS

SCALE: AS NOTED
LAST REVISED: 4/27/2018
DRAWN BY: BMH
15/16" HEAVY DUTY T-GRID (BY OTHER)

INDEPENDENTLY SUPPORTED SPEAKER: FIELD CUT PENETRATION

NOTCHED BACKER

TRIM SCREW

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

INDEPENDENTLY SUPPORTED SPEAKER: FIELD CUT PENETRATION

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

SUSPENSION (BY OTHER)

TRIM SCREW

TRIM PLATE (BY OTHER)

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

GRILLE-NOTCHED (CEILING SYSTEM) - RECESSED SPEAKER DETAILS
15\(\frac{3}{8}\)^{\circ} \) HEAVY DUTY T-GRID (BY OTHER)

INDEPENDENTLY SUPPORTED DIFFUSER: FIELD CUT PENETRATION

NOTCHED BACKER

TRIM SCREW

1 DIFFUSER DETAIL - PLAN VIEW
1 1/2" = 1'-0"

INDEPENDENTLY SUPPORTED DUCTWORK (BY OTHER)

SUSPENSION (BY OTHER)

TRIM SCREW

2 DIFFUSER DETAIL - SECTION VIEW
1 1/2" = 1'-0"

15\(\frac{3}{8}\)^{\circ} \) HEAVY DUTY T-GRID (BY OTHER)

TRIM PLATE (BY OTHER)

GRILLE-NOTCHED (CEILING SYSTEM) - DIFFUSER DETAILS

10 SHEET NUMBER

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SCALE: AS NOTED
LAST REVISED: 4/27/2018
DRAWN BY: BMH

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ASi

NOTE: SCALE DRAWINGS RESPONSIBILITY FOR ON SCALES. WHEN FOUND IN CONNECTION WITH ARCHITECTURAL PLANS, STRUCTURAL PLANS, AND OTHER RELATED DRAWINGS, THESE DRAWINGS DEPEND ON UNDERSTANDING AND INTERPRETATION OF THE ARCHITECTURAL DRAWINGS. WHERE APPROPRIATE, refer TO THE PROJECT EXPERT SHEET.

ASi
**NOTE:** 24" MAXIMUM SCREW/SUPPORT SPACING

1" ACOUSTICAL BACKER (2" AVAILABLE)

TYP. WALL ASSEMBLY (BY OTHER)

FURRING (BY OTHER) TO MATCH ACOUSTICAL BACKER THICKNESS

NOTCHED BACKER

2" SCREW (BY OTHER)

GRILLE RAIL

\(\frac{1}{2}\)" REVEAL FOR EXPANSION & CONTRACTION

16 GA. FINISH NAIL (BY OTHER)

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

NOTE: 24" MAXIMUM SCREW/SUPPORT SPACING

HORIZONTAL WALL ISOMETRIC - TYP.

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

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

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

1/2" MIN. REVEAL

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

1 HORIZONTAL WALL PLAN @ TRIM

3" = 1'-0"

NOTCHED BACKER SCREWED TO FURRING IN FIELD

1/2" MIN. REVEAL

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

GRILLE RAIL

2 HORIZONTAL WALL ELEVATION @ TRIM

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

Notched backer screwed to furring in field

Base as scheduled (by other)

1 Horizontal Wall Elevation @ Baseboard

3" = 1'-0"

1" Acoustical backer (2" available)

Notched backer screwed to furring in field

Typ. Wall system (by other)

Base as scheduled (by other)

2 Horizontal Wall Section @ Baseboard

3" = 1'-0"
BLACK FELT FILLER STRIPS

FURRING (BY OTHER) TO MATCH ACOUSTICAL BACKER THICKNESS

OUTLET PENETRATION FIELD CUT

BLACK FELT FILLER STRIPS

1. HORIZONTAL WALL ELEVATION @ OUTLET

3" = 1'-0"

1" ACOUSTICAL BACKER
(2" AVAILABLE)

OUTLET PENETRATION FIELD CUT

NOTCHED BACKER SCREWED TO FURRING IN FIELD

TYP. WALL SYSTEM (BY OTHER)

2. HORIZONTAL WALL SECTION @ OUTLET

3" = 1'-0"
BLACK FELT FILLER STRIPS
FURRING (BY OTHER) TO MATCH ACOUSTICAL BACKER THICKNESS
LIGHT SWITCH PENETRATION FIELD CUT
TYP. WALL SYSTEM (BY OTHER)

1. HORIZONTAL WALL ELEVATION @ LIGHT SWITCH

3" = 1'-0"

1" ACOUSTICAL BACKER (2" AVAILABLE)
LIGHT SWITCH PENETRATION FIELD CUT
NOTCHED BACKER SCREWED TO FURRING IN FIELD
TYP. WALL SYSTEM (BY OTHER)

2. HORIZONTAL WALL SECTION @ LIGHT SWITCH

3" = 1'-0"
NOTCHED BACKER

TYP. WALL ASSEMBLY (BY OTHER)

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)

1 VERTICAL WALL ISOMETRIC - TYP.

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

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

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

VERTICAL WALL PLAN @ TRIM

3" = 1'-0"

NOTCHED BACKER SCREWED TO FURRING IN FIELD

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

GRILLE RAIL

VERTICAL WALL ELEVATION @ TRIM

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

Notched backer screwed to furring in field

Base as scheduled (by other)

Vertical Wall Elevation @ Baseboard

3" = 1'-0"

1" Acoustical backer (2" available)

Notched backer screwed to furring in field

Typ. Wall system (by other)

Base as scheduled (by other)

Vertical Wall Section @ Baseboard

3" = 1'-0"
BLACK FELT FILLER STRIPS
FURRING (BY OTHER) TO MATCH ACOUSTICAL BACKER THICKNESS
OUTLET PENETRATION FIELD CUT
ACOUSTICAL BACKER (2" AVAILABLE)
OUTLET PENETRATION FIELD CUT
BLACK FELT FILLER STRIPS
NOTCHED BACKER SCREWED TO FURRING IN FIELD
TYP. WALL SYSTEM (BY OTHER)

1 VERTICAL WALL ELEVATION @ OUTLET
3" = 1'-0"

1" ACOUSTICAL BACKER
(2" AVAILABLE)

NOTCHED BACKER SCREWED TO FURRING IN FIELD
TYP. WALL SYSTEM (BY OTHER)

2 VERTICAL WALL SECTION @ OUTLET
3" = 1'-0"
BLACK FELT FILLER STRIPS
FURRING (BY OTHER) TO MATCH ACOUSTICAL BACKER THICKNESS
LIGHT SWITCH PENETRATION FIELD CUT

1 VERTICAL WALL ELEVATION @ LIGHT SWITCH
3" = 1'-0"

1" ACOUSTICAL BACKER
(2" AVAILABLE)
LIGHT SWITCH PENETRATION FIELD CUT
NOTCHED BACKER SCREWED TO FURRING IN FIELD
TYP. WALL SYSTEM (BY OTHER)

2 VERTICAL WALL SECTION @ LIGHT SWITCH
3" = 1'-0"

GRILLE-NOTCHED (VERTICAL WALL SYSTEM) - LIGHT SWITCH DETAILS
GRILLE-NOTCHED SYSTEM - FIELD FINISHED END INSTRUCTIONS

STEP 1
3" = 1'-0"

STEP 2
3" = 1'-0"

STEP 3
3" = 1'-0"
1. **ANGLE-CUT STEP 1**
   
   1 1/2" = 1'-0"
   
   **DESIRED FIELD CUT ANGLE**
   
   **STAPLE 3/8" THICK PLYWOOD BACKER PLATE (BY OTHER) TO GRILLE RAILS. BACKER PLATE IS TO BE PAINTED BLACK ON FACE.**
   
2. **ANGLE-CUT STEP 2**
   
   1 1/2" = 1'-0"
   
   **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**
   
3. **ANGLE-CUT STEP 3**
   
   1 1/2" = 1'-0"
   
   **BACKER PLATE FACE**