1. **Grille-Backered Section Detail**

   3" = 1'-0"

2. **Backer Clip (For 15/16" H.D. T-Grid)**

   1" = 1'-0"

3. **Backer & Dowel Details**

   3" = 1'-0"

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**Notes:**
- Grille must be attached to T-grid mains; custom rail sizes and spacing available.
- Black dowel.
- Grille rail (solid, laminate, veneer, or vinyl wrapped).

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**Diagram Details:**

- Suspension (by other)
- 15/16" H.D. T-grid cross tee (by other)
- 15/16" H.D. T-grid main (by other)
- Dowel clip
- Isometric
- Elevation
- 5/8" Ø5/8" 12"
1 TYPICAL RAIL Profiles

6" = 1'-0"

SOLID WOOD RAIL
6 RAIL/FT.
2" SPACING O.C.

VENERED RAIL
6 RAIL/FT.
2" SPACING O.C.

12" BLACK DOWEL

SOLID WOOD
8 RAIL/FT.
1 1/2" SPACING O.C.

VENERED
8 RAIL/FT.
1 1/2" SPACING O.C.

2 TYPICAL 12 INCH MODULES

3" = 1'-0"

SOLID WOOD RAIL
SOLID WOOD RAIL
VENERED RAIL

CUSTOM PROFILES AVAILABLE UPON REQUEST

GRILLE-DOWELLED SYSTEM - TYPICAL PROFILE OPTIONS
1 CLOUD VERTICAL TRIM PLAN

1 1/2" = 1'-0"

** ALL FIELD CUTS TO ALLOW FOR 1/8" MIN REVEAL FOR EXPANSION & CONTRACTION

2 TRIM @ EDGE - FRONT SECTION

3" = 1'-0"

3 TRIM @ EDGE - SIDE SECTION

3" = 1'-0"

FIELD CUT MITERS TYP.
KERFED TRIM
BLACK DOWEL
DOWEL CLIP
15/16" H.D. T-GRID MAINS (BY OTHER)

SUSPENSION (BY OTHER)

1 3/16" H.D. T-GRID MAIN (BY OTHER)

ACOUSTICAL BACKER

REVEAL DETERMINED BY INSTALLER

DOWEL CLIP

6" MAX.

3/8" MIN. REVEAL

4" TYP

6" MAX

ACOUSTICAL BACKER

4" TYP

6" MAX

6" MAX.

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GRILLE-DOWELLED (CEILING SYSTEM) - TRIM CONDITIONS
** ALL FIELD CUTS TO ALLOW FOR 1/4" MIN REVEAL FOR EXPANSION & CONTRACTION

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-DOWELLED (CEILING SYSTEM) - EDGE CONDITIONS @ WALL

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SCALE: AS NOTED
LAST REVISED: 4/27/2018
DRAWN BY: BMH
1 1/2" = 1'-0"

CAN LIGHT DETAIL - PLAN VIEW

INDEPENDENTLY SUPPORTED CAN LIGHT (FIELD CUT PENETRATION)

BLACK DOWEL

DOWEL CLIP

1 1/2" = 1'-0"

CAN LIGHT DETAIL - SECTION VIEW

INDEPENDENTLY SUPPORTED CAN LIGHT (BY OTHER)

TRIM RING (BY OTHER)

FIELD CUT PENETRATION
1. RECESSED SPEAKER DETAIL - PLAN VIEW

1 1/2" = 1'-0"

- 1 5/16" H.D. T-GRID MAINS (BY OTHER)
- INDEPENDENTLY SUPPORTED SPEAKER (FIELD CUT PENETRATION)
- BLACK DOWEL
- DOWEL CLIP
- SUSPENSION (BY OTHER)

2. RECESSED SPEAKER DETAIL - SECTION VIEW

1 1/2" = 1'-0"

- 1 5/16" H.D. T-GRID (BY OTHER)
- INDEPENDENTLY SUPPORTED SPEAKER (BY OTHER)
- TRIM RING (BY OTHER)
- DOWEL CLIP
- FIELD CUT PENETRATION
INDEPENDENTLY SUPPORTED LINEAR LIGHT: FIELD CUT PENETRATION

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

BLACK DOWEL

DOWEL CLIP

LINEAR LIGHT DETAIL - PLAN VIEW

1" = 1'-0"

SUSPENSION (BY OTHER)

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

DOWEL CLIP

FIELD CUT PENETRATION

INDEPENDENTLY SUPPORTED LINEAR LIGHT: FIELD CUT PENETRATION

LINEAR LIGHT DETAIL - SECTION VIEW

1 1/2" = 1'-0"

GRILLE-DOWELLED (CEILING SYSTEM) - LINEAR LIGHT DETAILS

SCALE: AS NOTED
LAST REVISED: 4/27/2018
DRAWN BY: BMH
TYP. WALL ASSEMBLY (BY OTHER)

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

BLACK DOWEL

2" SCREW (BY OTHER) TYP.

½" 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
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"

BLACK DOWEL ATTACHED TO FURRING

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

GRILLE RAIL

2

HORIZONTAL WALL ELEVATION @ TRIM

3" = 1'-0"

GRILLE-DOWELLED (HORIZONTAL WALL SYSTEM) - TRIM CONDITIONS
Black Dowel Attached to Furring

Grille Rail

Furring (by other) to match acoustical backer thickness: Painted black in field

Base as scheduled (by other)

HORIZONTAL WALL ELEVATION @ BASEBOARD

3" = 1'-0"

Typ. Wall Assembly (by other)

Furring (by other) to match acoustical backer thickness: Painted black in field

1" Acoustical backer in between furring (2" available)

Base as scheduled (by other)

HORIZONTAL WALL SECTION @ BASEBOARD

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

3" = 1'-0"

GRILLE RAIL

1" ACOUSTICAL BACKER (2" AVAILABLE)

LIGHT SWITCH PENETRATION FIELD CUT

TYP. WALL SYSTEM (BY OTHER)

BLACK DOWEL ATTACHED TO FURRING

2 HORIZONTAL WALL SECTION @ OUTLET

3" = 1'-0"

GRILLE RAIL

1" ACOUSTICAL BACKER (2" AVAILABLE)

LIGHT SWITCH PENETRATION FIELD CUT

TYP. WALL SYSTEM (BY OTHER)

BLACK DOWEL ATTACHED TO FURRING

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

OUTLET PENETRATION FIELD CUT

GRILLE RAIL

BLACK DOWEL ATTACHED TO FURRING

OUTLET PENETRATION FIELD CUT

GRILLE RAIL

BLACK DOWEL ATTACHED TO FURRING

SHEET NUMBER 15
BLACK DOWEL

TYP. WALL ASSEMBLY (BY OTHER)

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

2" SCREW (BY OTHER) TYP.

ACOUSTICAL BACKER

16 GA. FINISH NAIL (BY OTHER)

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

VERTICAL WALL ISOMETRIC - TYP.

1 1/2" = 1'-0"

GRILLE-DOWELLED (VERTICAL WALL SYSTEM) - ISOMETRIC
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

1 VERTICAL WALL PLAN @ TRIM
3" = 1'-0"

BLACK DOWEL ATTACHED TO FURRING

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

GRILLE RAIL

2 VERTICAL WALL ELEVATION @ TRIM
3" = 1'-0"
1. **VERTICAL WALL ELEVATION @ BASEBOARD**

   3" = 1'-0"

   - **TYP. WALL ASSEMBLY (BY OTHER)**
   - **FURRING (BY OTHER) TO MATCH ACOUSTICAL BACKER THICKNESS: PAINTED BLACK IN FIELD**
   - **BLACK DOWEL ATTACHED TO FURRING**
   - **1" ACOUSTICAL BACKER IN BETWEEN FURRING (2" AVAILABLE)**
   - **BASE AS SCHEDULED (BY OTHER)**

2. **VERTICAL WALL SECTION @ BASEBOARD**

   3" = 1'-0"

   - **GRILLE-RAIL**
   - **BLACK DOWEL ATTACHED TO FURRING**
   - **FURRING (BY OTHER) TO MATCH ACOUSTICAL BACKER THICKNESS: PAINTED BLACK IN FIELD**
   - **1/2" MIN. REVEAL**
   - **BASE AS SCHEDULED (BY OTHER)**

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**GRILLE-DOWELLED (VERTICAL WALL SYSTEM) - BASEBOARD DETAILS**

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

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VERTICAL WALL ELEVATION @ OUTLET

3" = 1'-0"

TYP. WALL SYSTEM (BY OTHER)

GRILLE RAIL

BLACK DOWEL ATTACHED TO FURRING

LIGHT SWITCH PENETRATION FIELD CUT

1" ACOUSTICAL BACKER (2" AVAILABLE)

VERTICAL WALL SECTION @ OUTLET

3" = 1'-0"

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

BLACK DOWEL ATTACHED TO FURRING

OUTLET PENETRATION FIELD CUT

GRILLE RAIL
Furring (by other) to match acoustical backer thickness: painted black in field

Black dowel attached to furring

Light switch penetration field cut

Grille rail

**1. Vertical Wall Elevation @ Light Switch**

3" = 1'-0"

Typ. Wall System (by other)

Grille rail

Black dowel attached to furring

Light switch penetration field cut

1" Acoustical backer (2" available)

**2. Vertical Wall Section @ Light Switch**

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

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

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

**NOTE:** FOR SOLID WOOD RAILS, NO VENEER NEEDS TO BE APPLIED - INSTEAD, REFINISH THE CUT END IN FIELD.

**FIELD FINISHED END**

(STAINED/ FINISHED IN FIELD)

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**GRILLE-DOWELLED SYSTEM - FIELD FINISHED END INSTRUCTIONS**

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