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

1\(^\text{st}\text{ }\) GRILLE-BACKERED SECTION DETAIL

3" = 1'-0"

2\(^\text{nd}\text{ }\) BACKER CLIP

1' = 1'-0"

3\(^\text{rd}\text{ }\) BACKER & DOWEL DETAILS

3" = 1'-0"
1. **TYPICAL RAIL PROFILES**

   6' = 1'-0"

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

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

   - 1/8" RADIUS, TYP.

   - BULLNOSE OPTION

   - 12" BLACK BACKER
   - 12" BLACK DOWEL

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

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

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.
** ALL FIELD CUTS TO ALLOW FOR 3/8" MIN REVEAL FOR EXPANSION & CONTRACTION
** ALL FIELD CUTS TO ALLOW FOR 1/8" 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-B&D (CEILING SYSTEM) - EDGE CONDITIONS @ WALL
HEAVY DUTY T-GRID (BY OTHER)

INDEPENDENTLY SUPPORTED SPEAKER: FIELD CUT PENETRATION

BLACK BACKER

BLACK DOWEL

BACKER CLIP

1 1/2" = 1'-0"

SPRINKLER HEAD DETAIL - PLAN VIEW

INDEPENDENTLY SUPPORTED SPRINKLER: FIELD CUT PENETRATION

1 1/2" = 1'-0"

SPRINKLER HEAD DETAIL - SECTION VIEW

1 1/2" = 1'-0"

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

SUSPENSION (BY OTHER)

TRIM PLATE (BY OTHER)

GRILLE-B&D (CEILING SYSTEM) - SPRINKLER HEAD DETAILS
15\frac{1}{16}" HEAVY DUTY T-GRID (BY OTHER)

INDEPENDENTLY SUPPORTED CAN LIGHT: FIELD CUT PENETRATION

BLACK BACKER

BLACK DOWEL

BACKER CLIP

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

SUSPENSION (BY OTHER)

15\frac{1}{16}" HEAVY DUTY T-GRID (BY OTHER)

INDEPENDENTLY SUPPORTED CAN LIGHT: FIELD CUT PENETRATION

BACKER CLIP

TRIM PLATE (BY OTHER)

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

1 1/2" = 1'-0"

PENDANT LIGHT DETAIL - SECTION VIEW

1 1/2" = 1'-0"

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

INDEPENDENTLY SUPPORTED PENDANT LIGHT: FIELD CUT PENETRATION

BLACK BACKER

BLACK DOWEL

BACKER CLIP

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

SUSPENSION (BY OTHER)

TRIM PLATE (BY OTHER)

BACKER CLIP
1 1/2" = 1'-0"

RECESSED SPEAKER DETAIL - PLAN VIEW

INDEPENDENTLY SUPPORTED SPEAKER: FIELD CUT PENETRATION

BLACK BACKER
BLACK DOWEL
BACKER CLIP

1 1/2" = 1'-0"

RECESSED SPEAKER DETAIL - SECTION VIEW

INDEPENDENTLY SUPPORTED SPEAKER: FIELD CUT PENETRATION

SUSPENSION (BY OTHER)

TRIM PLATE (BY OTHER)

1 1/2" = 1'-0"
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

2" SCREW (BY OTHER)

GRILLE RAIL

½" REVEAL FOR EXPANSION & CONTRACTION

16 GA. FINISH NAIL (BY OTHER)

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

BLACK DOWEL

NOTE: 24" MAXIMUM SCREW/SUPPORT SPACING

1⁄2" REVEAL FOR EXPANSION & CONTRACTION

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"

BLACK 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

BLACK DOWEL

2. HORIZONTAL WALL ELEVATION @ TRIM

3" = 1'-0"
GRILLE-B&D (HORIZONTAL WALL SYSTEM) - BASEBOARD DETAILS

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"

   BLACK DOWEL

   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 DOWEL

BLACK BACKER SCREWED TO FURRING IN FIELD

HORIZONTAL WALL ELEVATION @ OUTLET

3" = 1'-0"

1" ACOUSTICAL BACKER (2" AVAILABLE)

BLACK DOWEL

OUTLET PENETRATION FIELD CUT

BLACK BACKER SCREWED TO FURRING IN FIELD

TYP. WALL SYSTEM (BY OTHER)

HORIZONTAL WALL SECTION @ OUTLET

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

Black backer screwed to furring in field

Light switch penetration field cut

Black dowel

1. Horizontal Wall Elevation @ Light Switch

Scale: 3" = 1'-0"

1" acoustical backer (2" available)

Black dowel

Light switch penetration field cut

Black backer screwed to furring in field

Typ. wall system (by other)

2. Horizontal Wall Section @ Light Switch

Scale: 3" = 1'-0"
BLACK 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)

BLACK DOWEL

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

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

BLACK BACKER SCREWED TO FURRING IN FIELD

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

BLACK DOWEL

GRILLE RAIL

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

GRILLE-B&D (VERTICAL WALL SYSTEM) - TRIM CONDITIONS

123 Columbia Court North, Chaska, Minnesota 55318 P. 800.527.6253
Base as scheduled (by other)

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"

   Black dowel

   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"
BLACK BACKER SCREWED TO FURRING IN FIELD

FURRING (BY OTHER) TO MATCH ACOUSTICAL BACKER THICKNESS

OUTLET PENETRATION FIELD CUT

BLACK FELT FILLER STRIPS

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"
FURRING (BY OTHER) TO MATCH ACOUSTICAL BACKER THICKNESS

BLACK BACKER SCREWED TO FURRING IN FIELD

LIGHT SWITCH PENETRATION FIELD CUT

1″ ACOUSTICAL BACKER (2″ AVAILABLE)

LIGHT SWITCH PENETRATION FIELD CUT

BLACK BACKER SCREWED TO FURRING IN FIELD

TYP. WALL SYSTEM (BY OTHER)

1 VERTICAL WALL ELEVATION @ LIGHT SWITCH

3″ = 1'-0"

2 VERTICAL WALL SECTION @ LIGHT SWITCH

3″ = 1'-0"
GRILLE-B&D SYSTEM - FIELD FINISHED END INSTRUCTIONS

STEP 1
3" = 1'-0"

STEP 2
3" = 1'-0"

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

STEP 3
3" = 1'-0"
DESIRED FIELD CUT ANGLE

1. **ANGLE-CUT STEP 1**
   - 1 1/2" = 1'-0"
   - 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"