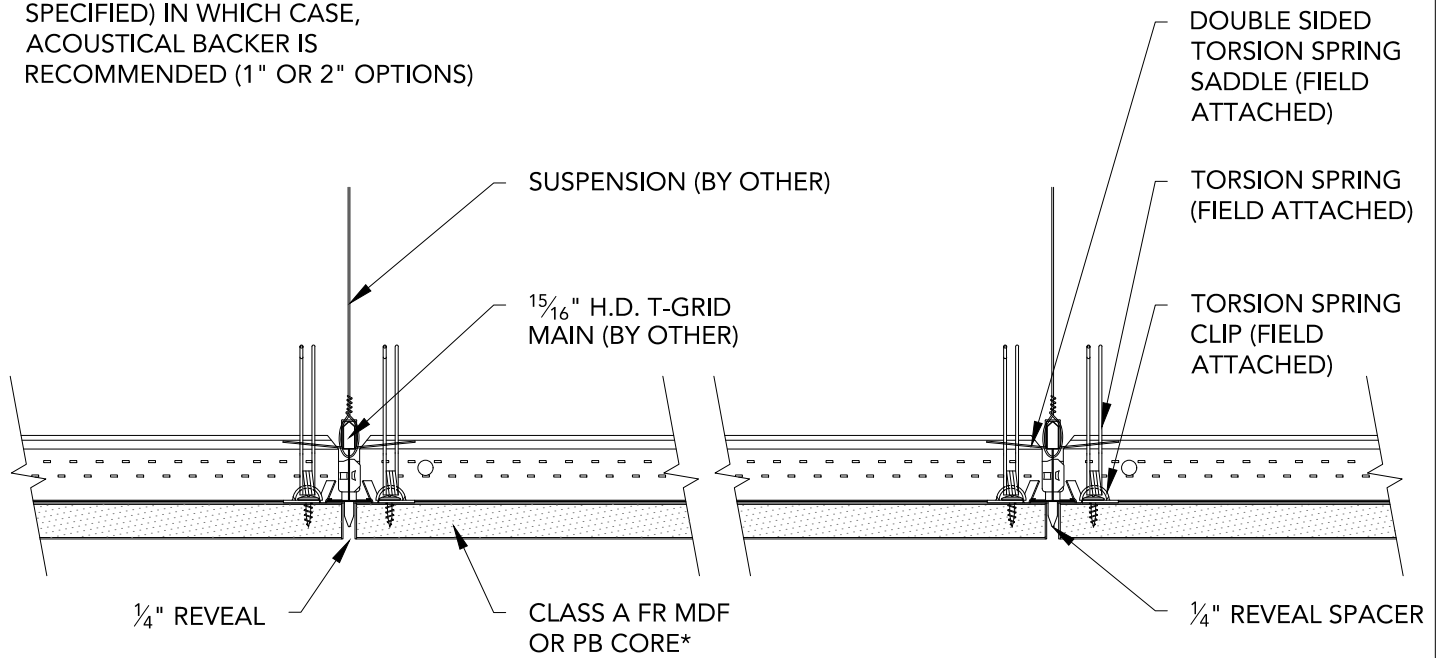


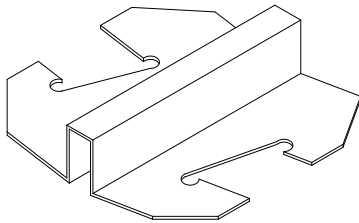
* PANELS MAY BE PERFORATED (AS SPECIFIED) IN WHICH CASE, ACOUSTICAL BACKER IS RECOMMENDED (1" OR 2" OPTIONS)



1 TYPICAL SECTION

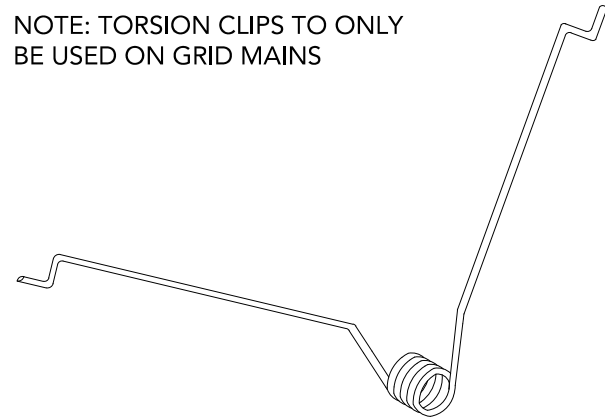
3" = 1'-0"

NOTE: TORSION CLIPS TO ONLY BE USED ON GRID MAINS



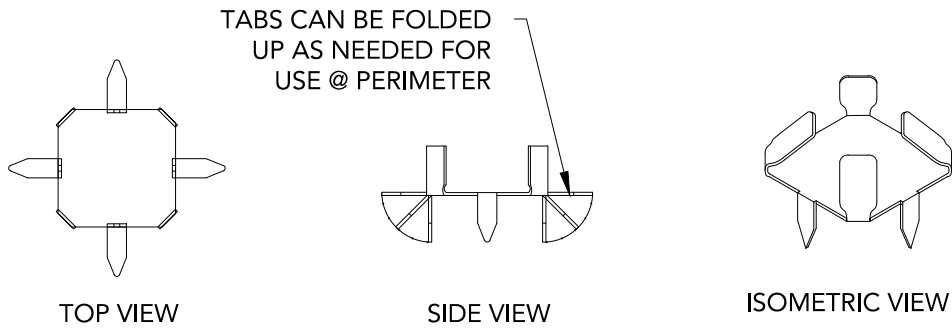
2 TORSION SPRING SADDLE

6" = 1'-0"

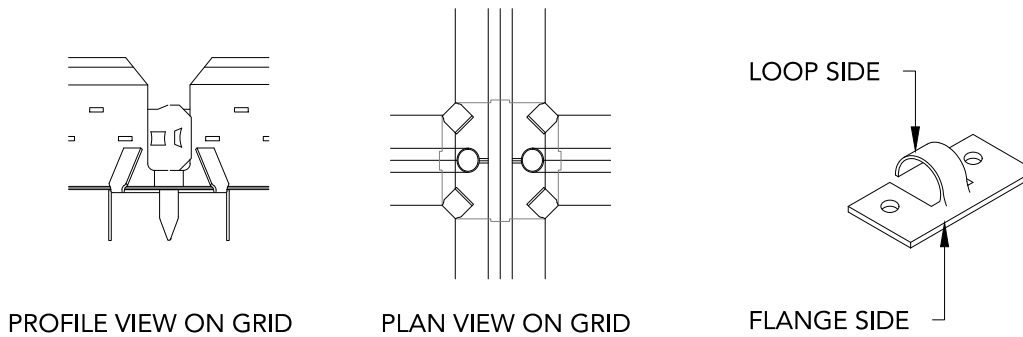


3 TORSION SPRING

6" = 1'-0"

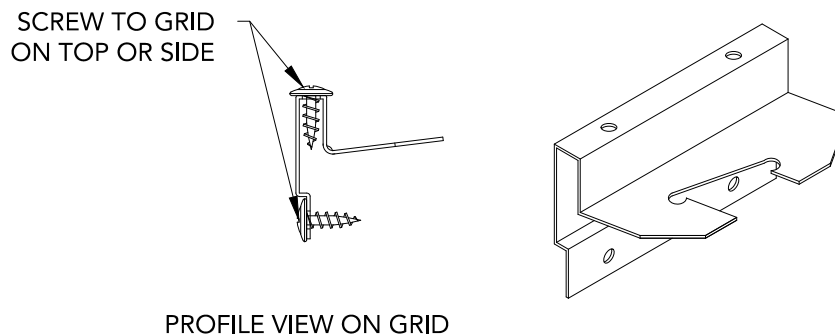


1 $\frac{1}{4}$ " REVEAL SPACER
6" = 1'-0"

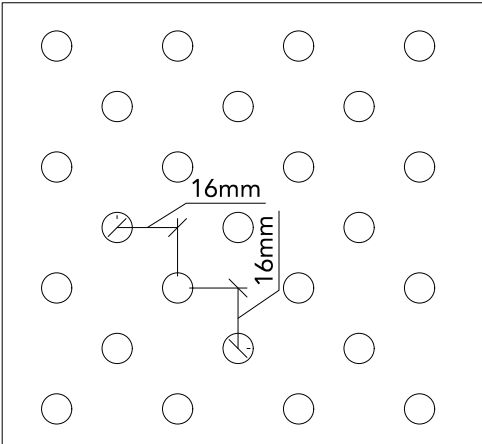
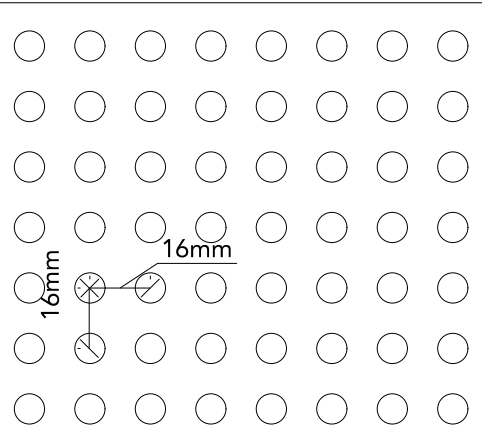
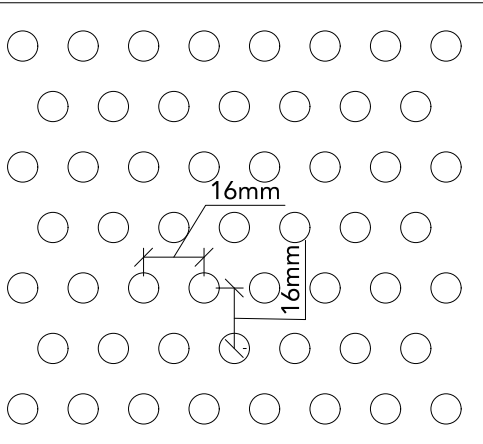
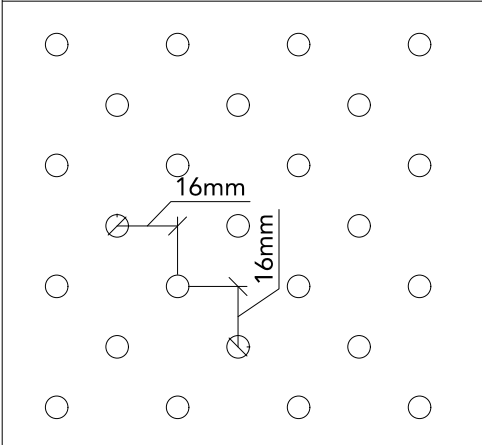
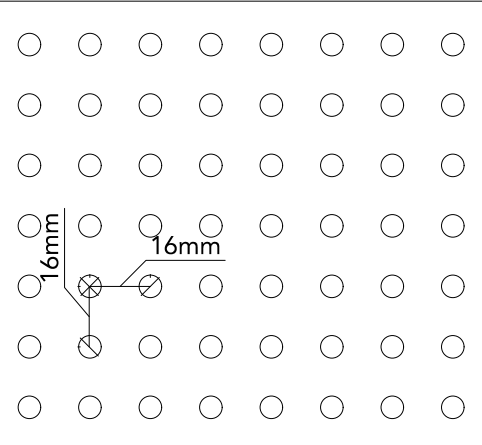
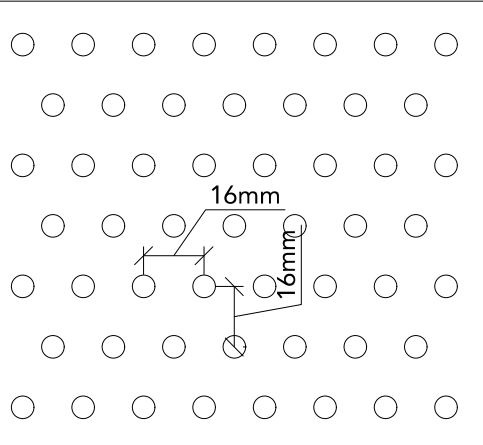
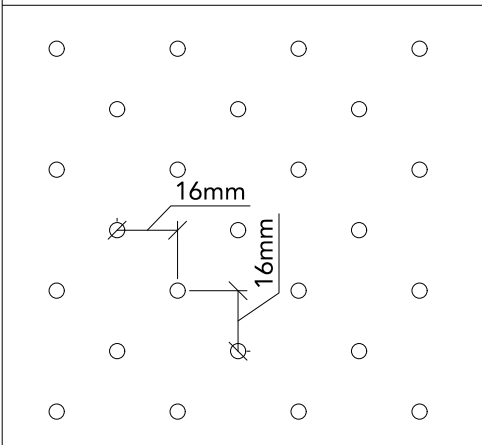
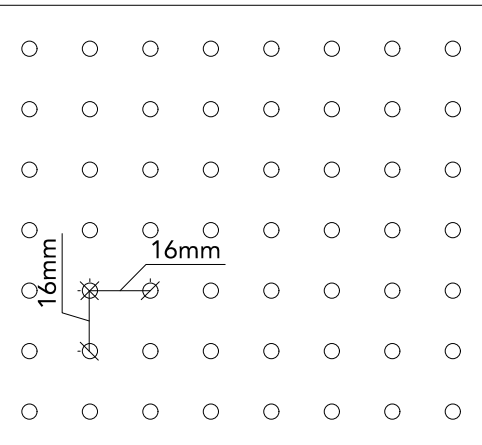
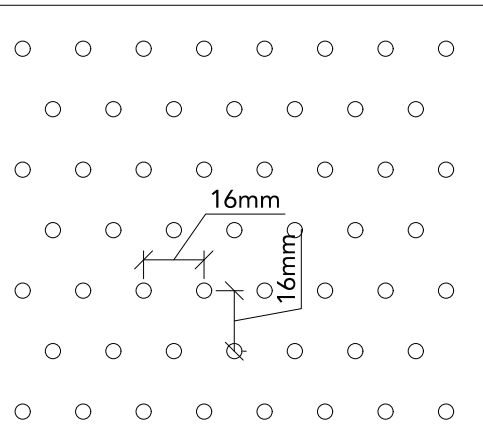


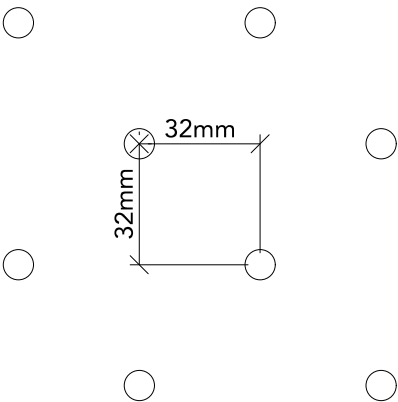
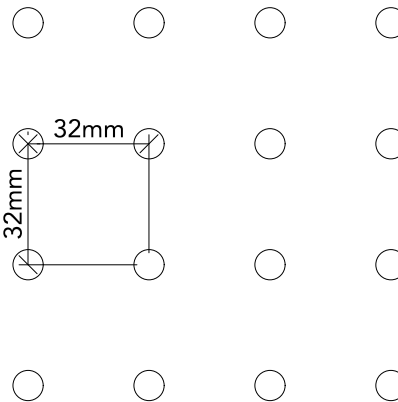
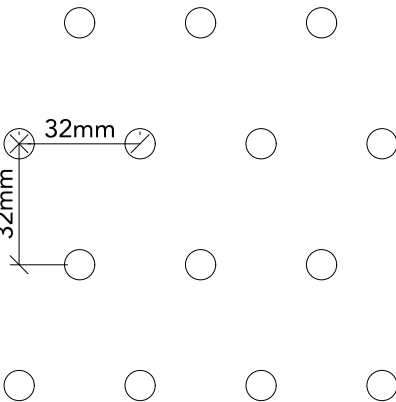
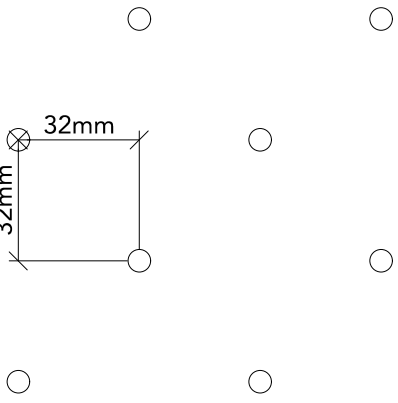
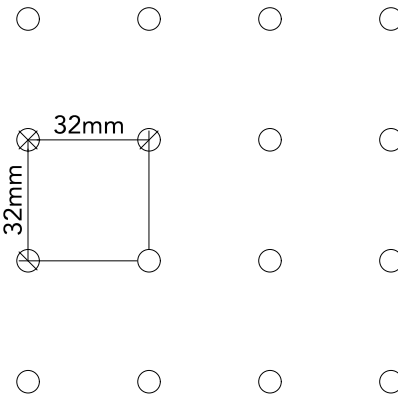
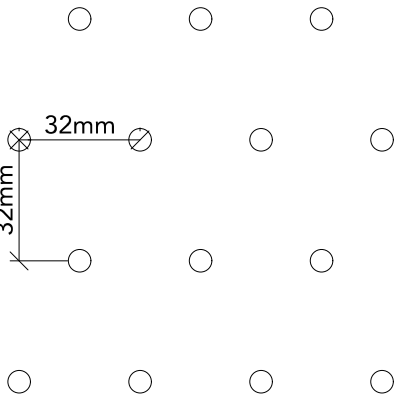
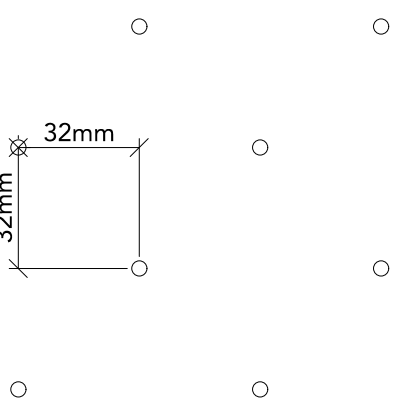
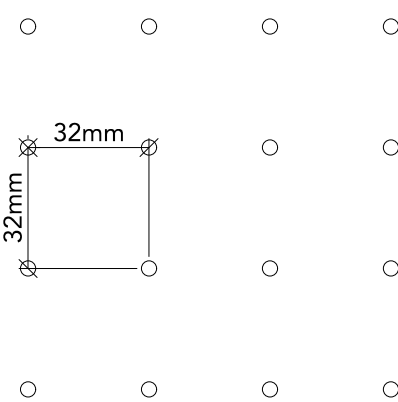
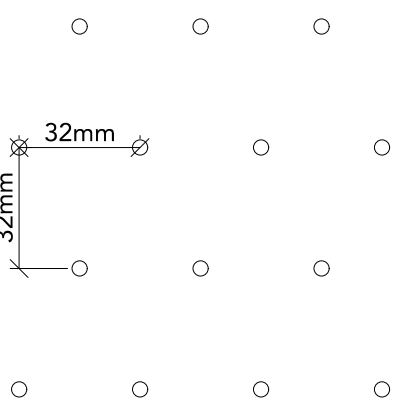
2 $\frac{1}{4}$ " REVEAL SPACER ON GRID
6" = 1'-0"

3 TORSION SPRING CLIP
6" = 1'-0"



4 SINGLE-SIDED TORSION SPRING SADDLE
6" = 1'-0"

 <p>5.05% OPEN</p> <p>DIAMOND: 8MM DIA./16MM SPACING</p>	 <p>10.06% OPEN</p> <p>SQUARE: 8MM DIA./16MM SPACING</p>	 <p>10.10% OPEN</p> <p>STAGGERED: 8MM DIA./16MM SPACING</p>
 <p>3.78% OPEN</p> <p>DIAMOND: 6MM DIA./16MM SPACING</p>	 <p>7.54% OPEN</p> <p>SQUARE: 6MM DIA./16MM SPACING</p>	 <p>7.56% OPEN</p> <p>STAGGERED: 6MM DIA./16MM SPACING</p>
 <p>2.52% OPEN</p> <p>DIAMOND: 4MM DIA./16MM SPACING</p>	 <p>5.03% OPEN</p> <p>SQUARE: 4MM DIA./16MM SPACING</p>	 <p>5.05% OPEN</p> <p>STAGGERED: 4MM DIA./16MM SPACING</p>

 <p>2.52% OPEN</p> <p>DIAMOND: 8MM DIA./32MM SPACING</p>	 <p>5.03% OPEN</p> <p>SQUARE: 8MM DIA./32MM SPACING</p>	 <p>5.05% OPEN</p> <p>STAGGERED: 8MM DIA./32MM SPACING</p>
 <p>1.89% OPEN</p> <p>DIAMOND: 6MM DIA./32MM SPACING</p>	 <p>3.77% OPEN</p> <p>SQUARE: 6MM DIA./32MM SPACING</p>	 <p>3.78% OPEN</p> <p>STAGGERED: 6MM DIA./32MM SPACING</p>
 <p>1.26% OPEN</p> <p>DIAMOND: 4MM DIA./32MM SPACING</p>	 <p>2.51% OPEN</p> <p>SQUARE: 4MM DIA./32MM SPACING</p>	 <p>2.52% OPEN</p> <p>STAGGERED: 4MM DIA./32MM SPACING</p>

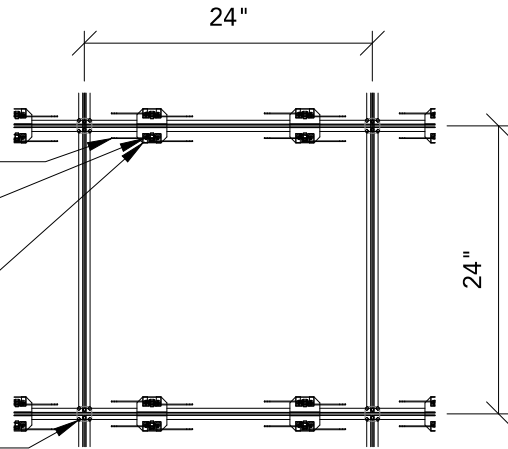
NOTE: TORSION SPRING SADDLES TO
BE ATTACHED TO T-GRID MAINS ONLY

TORSION SPRING (FIELD ATTACHED)

TORSION SPRING CLIP (FIELD ATTACHED)

TORSION SPRING SADDLE (FIELD ATTACHED)

1/4" REVEAL SPACER TYP.
AT CORNERS OF PANEL



1

TYPICAL 2X2 PANEL PLAN

3/4" = 1'-0"

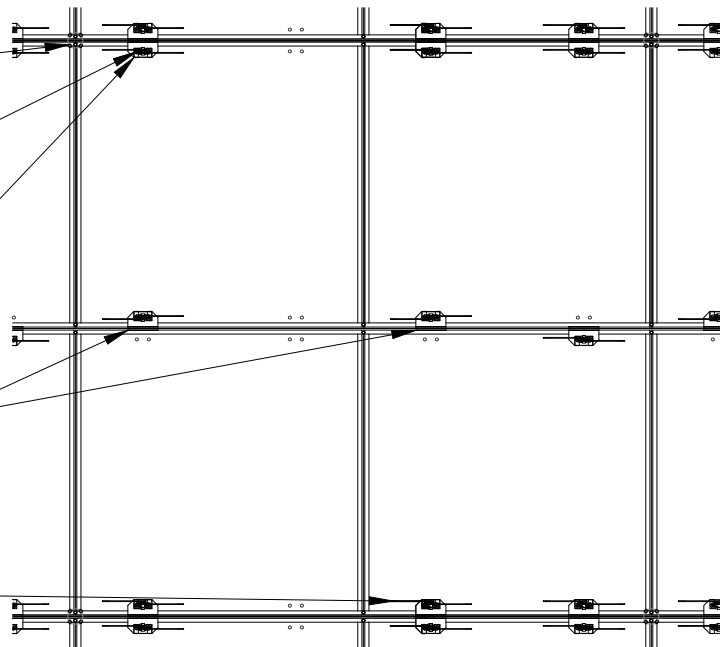
1/4" REVEAL SPACER TYP.
AT CORNERS OF PANEL

TORSION SPRING CLIP
(FIELD ATTACHED)

TORSION SPRING SADDLE
(FIELD ATTACHED)

SINGLE SIDED SADDLE TO BE
USED IN MIDDLE OF PANEL
(FIELD ATTACHED TO EITHER
SIDE OF T-GRID)

TORSION SPRING
(FIELD ATTACHED)



2

TYPICAL 4X4 PANEL PLAN

3/4" = 1'-0"

NOTE: TORSION SPRING SADDLES TO BE ATTACHED TO T-GRID MAINS ONLY

TORSION SPRING
(FIELD ATTACHED)

TORSION SPRING SADDLE
(FIELD ATTACHED)

TORSION SPRING CLIP
(FIELD ATTACHED)

$\frac{1}{4}$ " REVEAL SPACER TYP.
AT CORNERS OF PANEL

48"

24"

1

TYPICAL 2X4 PANEL PLAN

$\frac{3}{4}$ " = 1'-0"

96"

24"

$\frac{1}{4}$ " REVEAL
SPACER TYP.
AT CORNERS
OF PANEL

TORSION
SPRING (FIELD
ATTACHED)

TORSION SPRING CLIP (FIELD ATTACHED)

TORSION SPRING SADDLE (FIELD ATTACHED)

SINGLE SIDED SADDLE TO BE USED IN
MIDDLE OF PANEL (FIELD ATTACHED
TO EITHER SIDE OF T-GRID)

2

TYPICAL 4X8 PANEL PLAN

$\frac{3}{4}$ " = 1'-0"



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Minnesota 55318 P. 800.527.6253

FUSION (TORSION SPRING SYSTEM) - TYPICAL PANEL PLANS

SCALE: AS NOTED

LAST REVISED: 6/21/2018

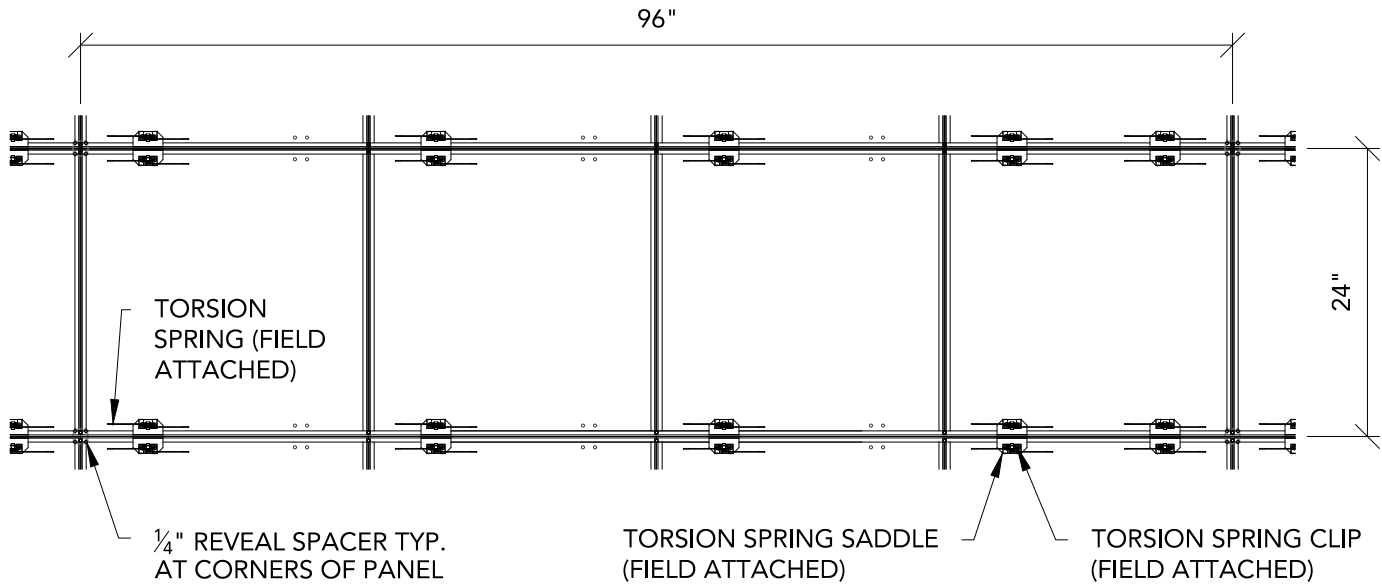
DO NOT SCALE DRAWING. FIGURED DIMENSIONS ARE TO BE FOLLOWED. READ THIS DRAWING IN CONNECTION WITH GENERAL ARCHITECTURAL PLANS, STRUCTURAL PLANS, AND OTHER RELATED DRAWINGS. THESE DRAWINGS REPRESENT ASI'S UNDERSTANDING AND INTERPRETATION OF THE ARCHITECTURAL DRAWINGS AND HOW ASI PRODUCTS RELATE TO THE PROJECT. COPYRIGHT ASI © 2018

SHEET NUMBER

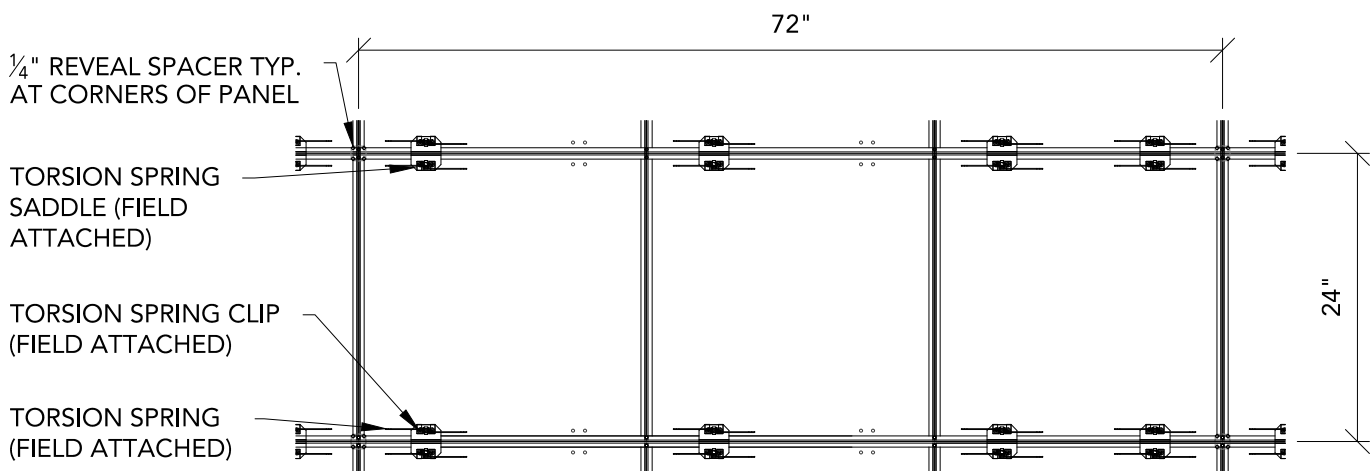
6

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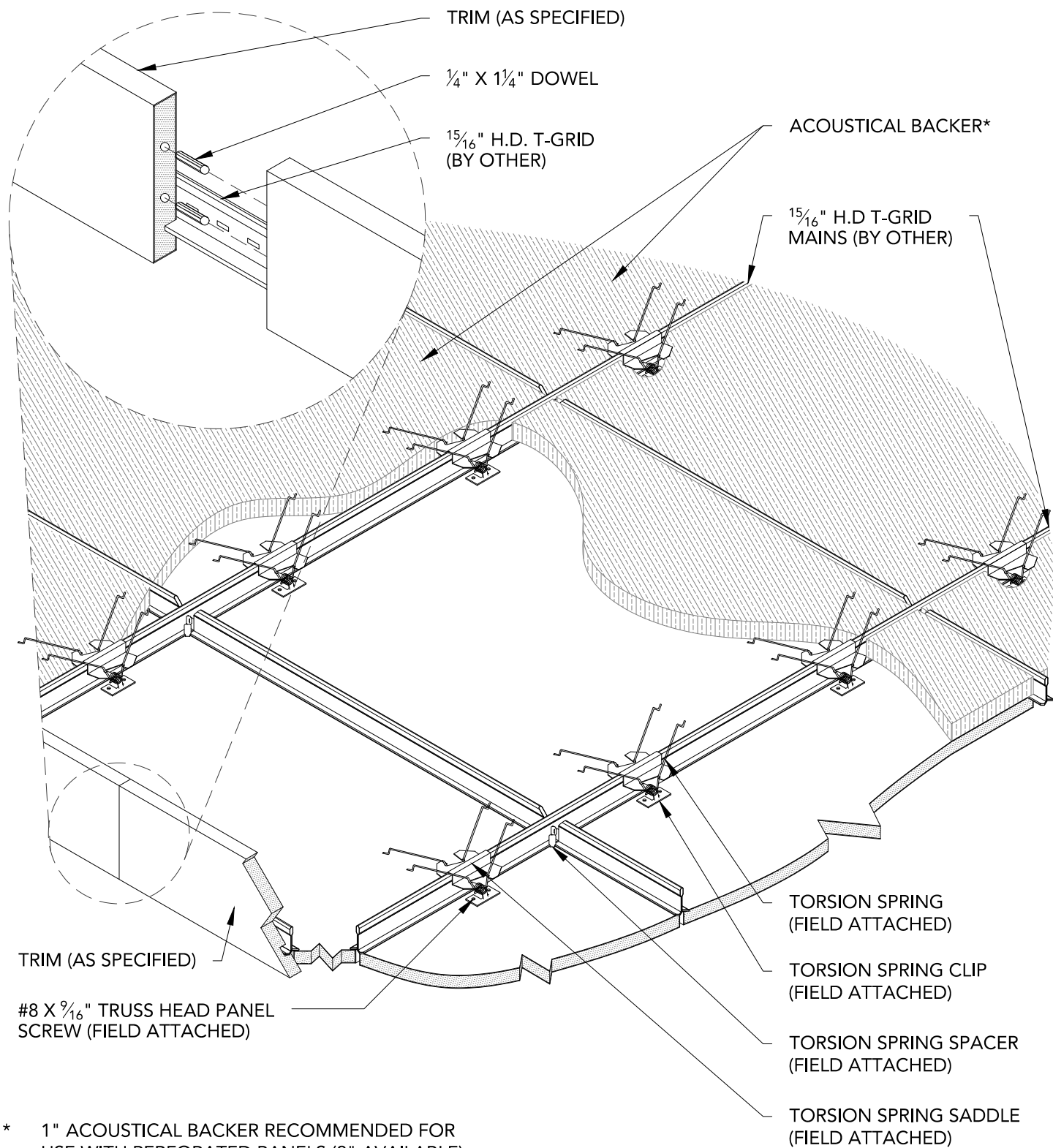
NOTE: TORSION SPRING SADDLES TO
BE ATTACHED TO T-GRID MAINS ONLY



1 TYPICAL 2X8 PANEL PLAN
3/4" = 1'-0"



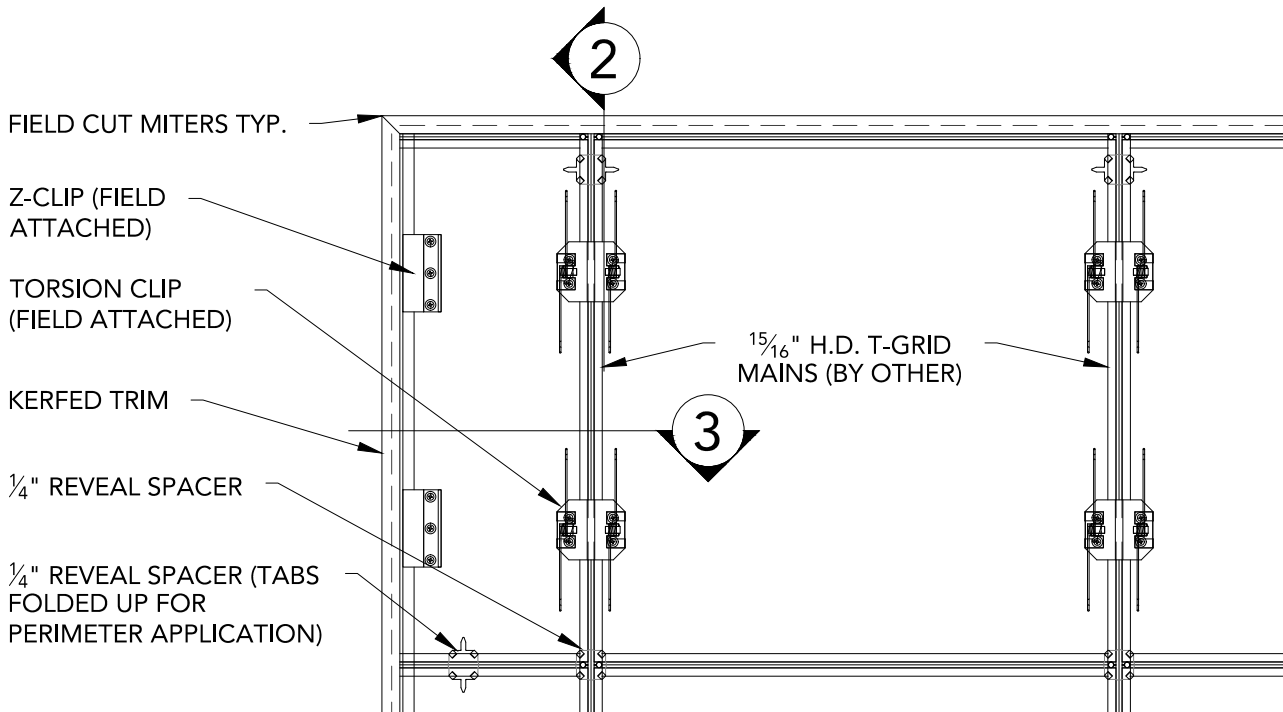
2 TYPICAL 2X6 PANEL PLAN
3/4" = 1'-0"



1

TYPICAL 2X2 PANEL ISOMETRIC

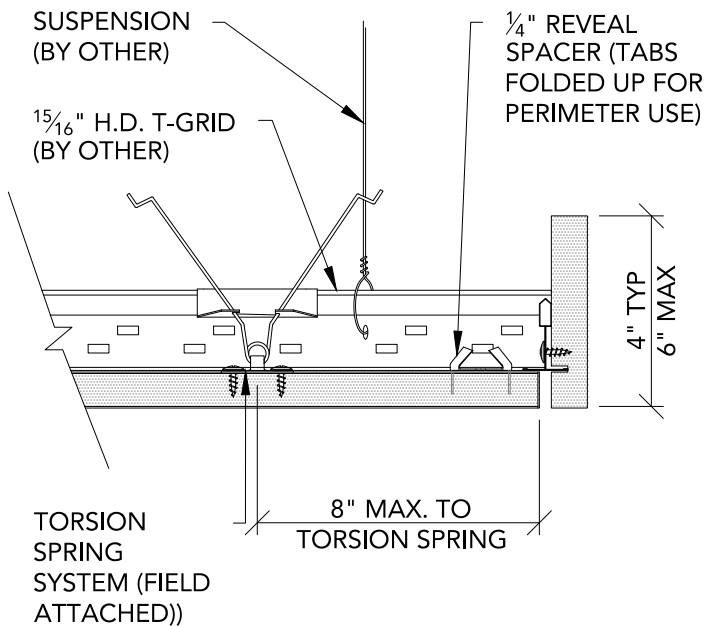
1 1/2" = 1'-0"



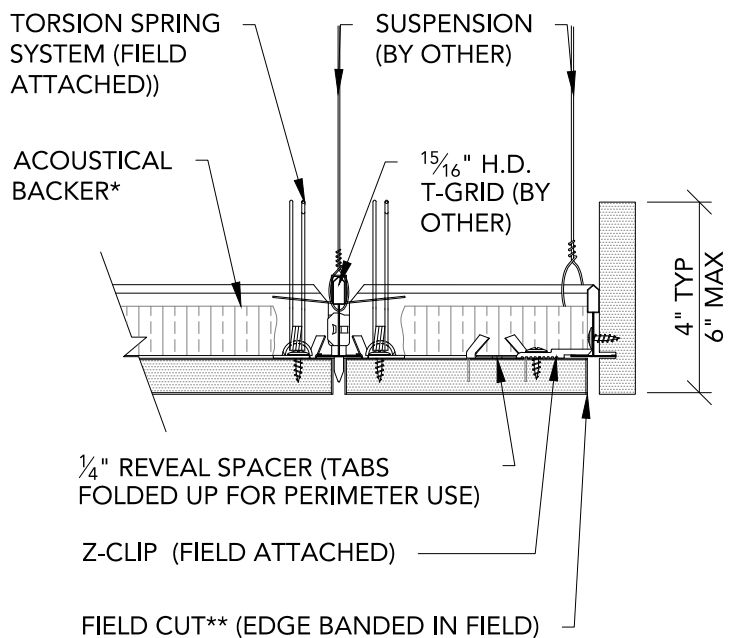
1 TRIM CONDITION PLAN
1 1/2" = 1'-0"

** ALL FIELD CUTS TO ALLOW FOR 1/4" MIN REVEAL FOR EXPANSION & CONTRACTION

* 1" ACOUSTICAL BACKER RECOMMENDED FOR USE WITH PERFORATED PANELS (2" AVAILABLE)

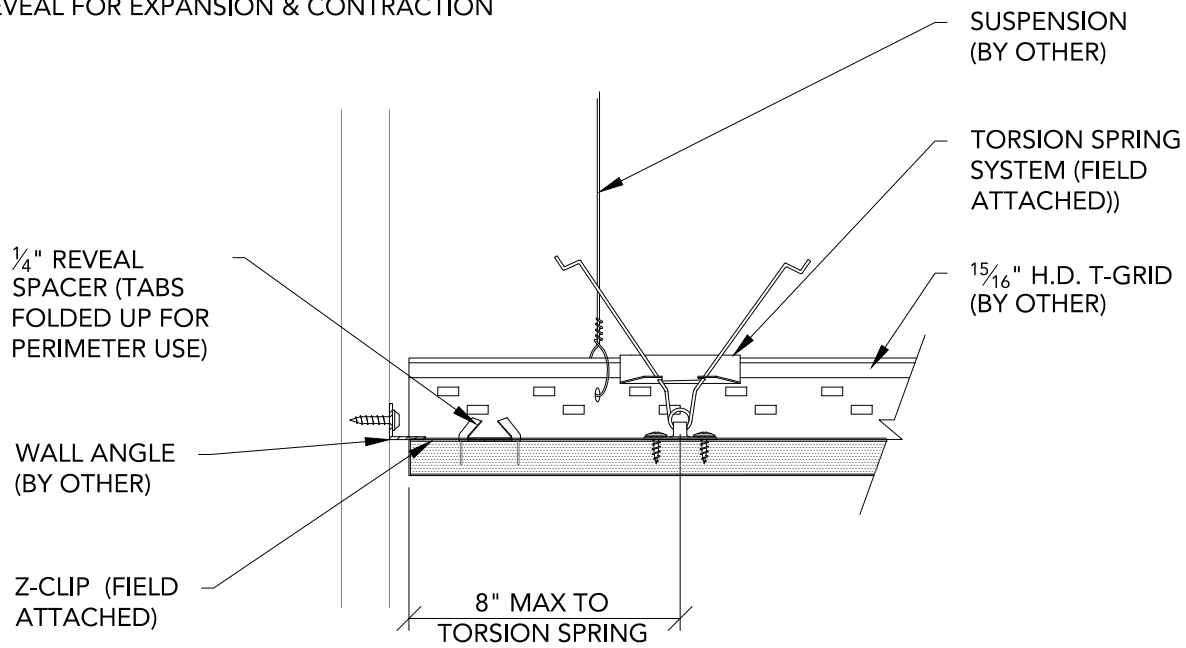


2 TRIM CONDITION - TYPICAL
3" = 1'-0"



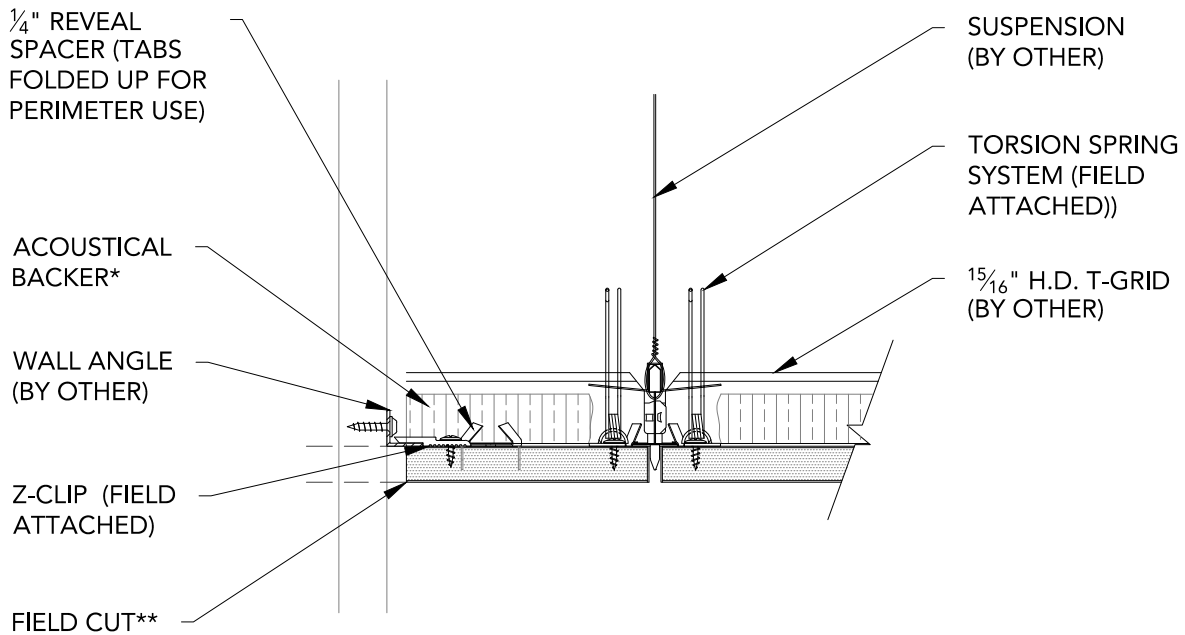
3 TRIM CONDITION - FIELD CUT
3" = 1'-0"

** ALL FIELD CUTS TO ALLOW FOR 1/4" MIN
REVEAL FOR EXPANSION & CONTRACTION



1 ANGLE ABOVE - TYPICAL

3" = 1'-0"



2 ANGLE ABOVE - FIELD CUT

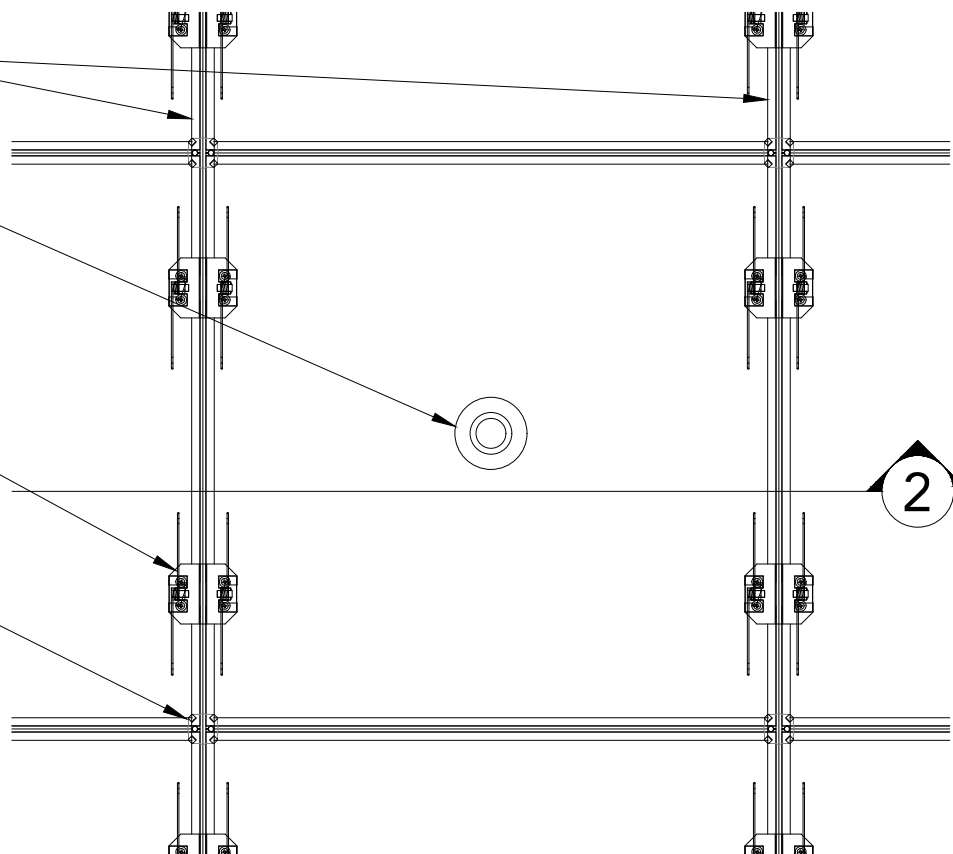
3" = 1'-0"

1⁵/₁₆" H.D. T-GRID
MAINS (BY OTHER)

INDEPENDENTLY
SUPPORTED SPRINKLER
(FIELD CUT PENETRATION)

TORSION SPRING
SYSTEM (FIELD
ATTACHED)

1/4" REVEAL SPACER



1

SPRINKLER PLAN

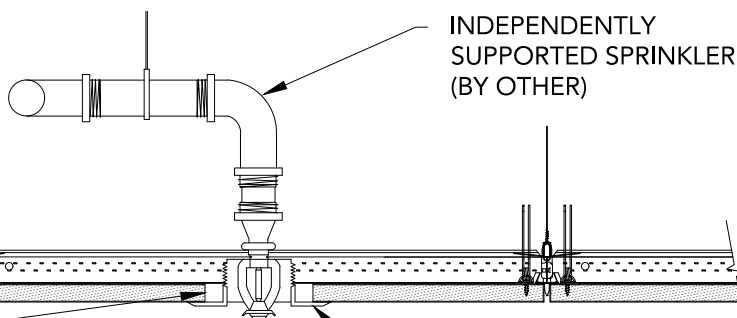
1 1/2" = 1'-0"

SUSPENSION (BY OTHER)

1⁵/₁₆" H.D. T-GRID (BY OTHER)

TORSION SYSTEM
(FIELD ATTACHED)

FIELD CUT
PENETRATION



INDEPENDENTLY
SUPPORTED SPRINKLER
(BY OTHER)

TRIM RING (BY OTHER)

2

SPRINKLER SECTION

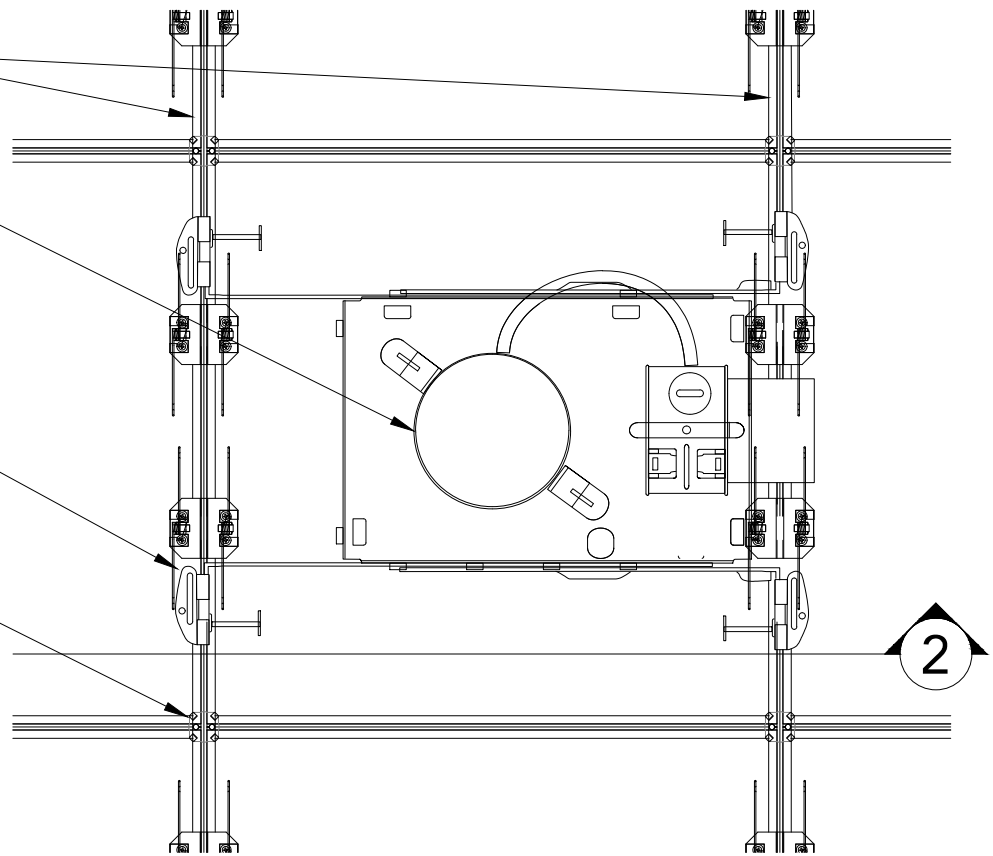
1 1/2" = 1'-0"

1 $\frac{5}{16}$ " H.D. T-GRID
MAINS (BY OTHER)

INDEPENDENTLY
SUPPORTED CAN LIGHT
(FIELD CUT PENETRATION)

TORSION SPRING
SYSTEM (FIELD
ATTACHED)

$\frac{1}{4}$ " REVEAL SPACER



1 CAN LIGHT PLAN

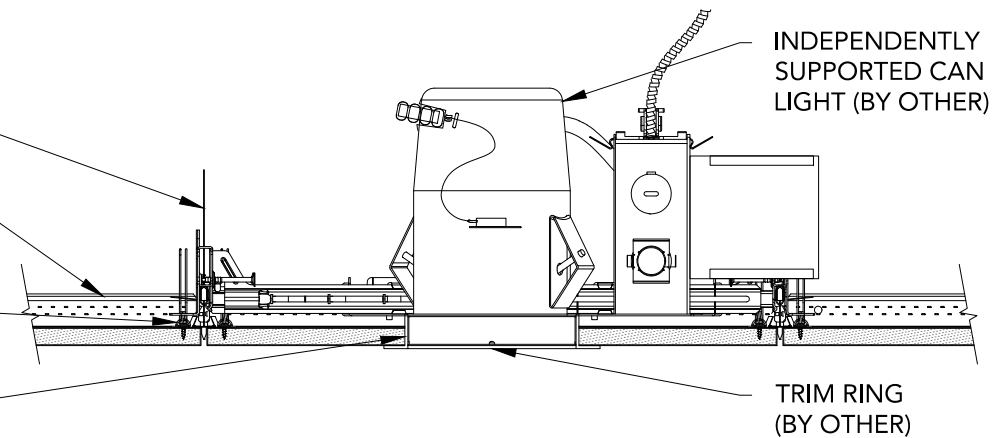
1 1/2" = 1'-0"

SUSPENSION (BY OTHER)

1 $\frac{5}{16}$ " H.D. T-GRID (BY OTHER)

TORSION SYSTEM
(FIELD ATTACHED)

FIELD CUT
PENETRATION



2 CAN LIGHT SECTION

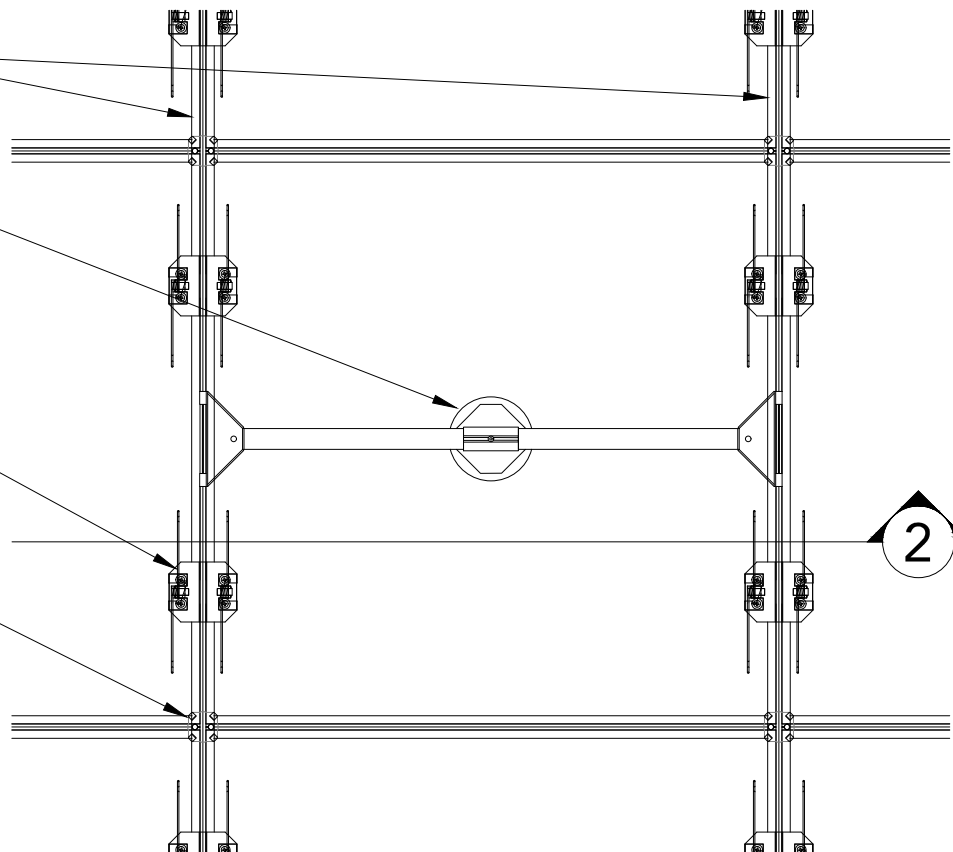
1 1/2" = 1'-0"

1 5/16" H.D. T-GRID
MAINS (BY OTHER)

INDEPENDENTLY
SUPPORTED PENDANT
LIGHT (FIELD CUT
PENETRATION)

TORSION SPRING
SYSTEM (FIELD
ATTACHED)

1/4" REVEAL SPACER



1

PENDANT LIGHT PLAN

1 1/2" = 1'-0"

SUSPENSION (BY OTHER)

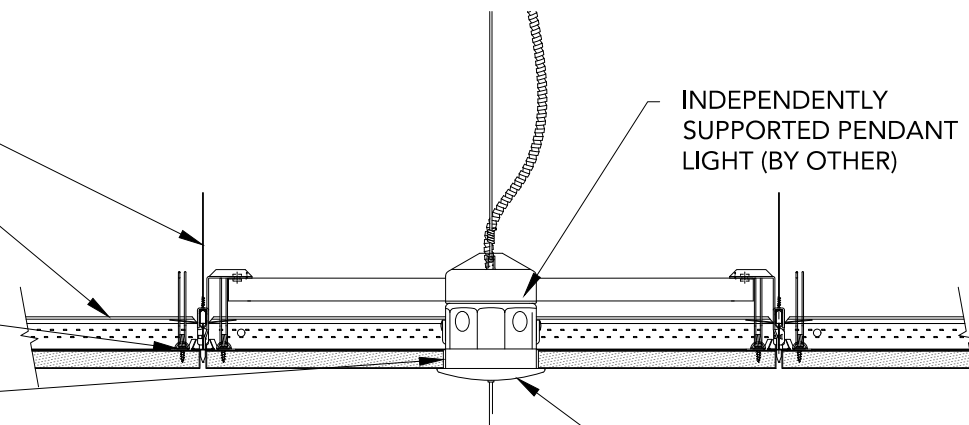
1 5/16" H.D. T-GRID (BY OTHER)

TORSION SYSTEM
(FIELD ATTACHED)

FIELD CUT
PENETRATION

INDEPENDENTLY
SUPPORTED PENDANT
LIGHT (BY OTHER)

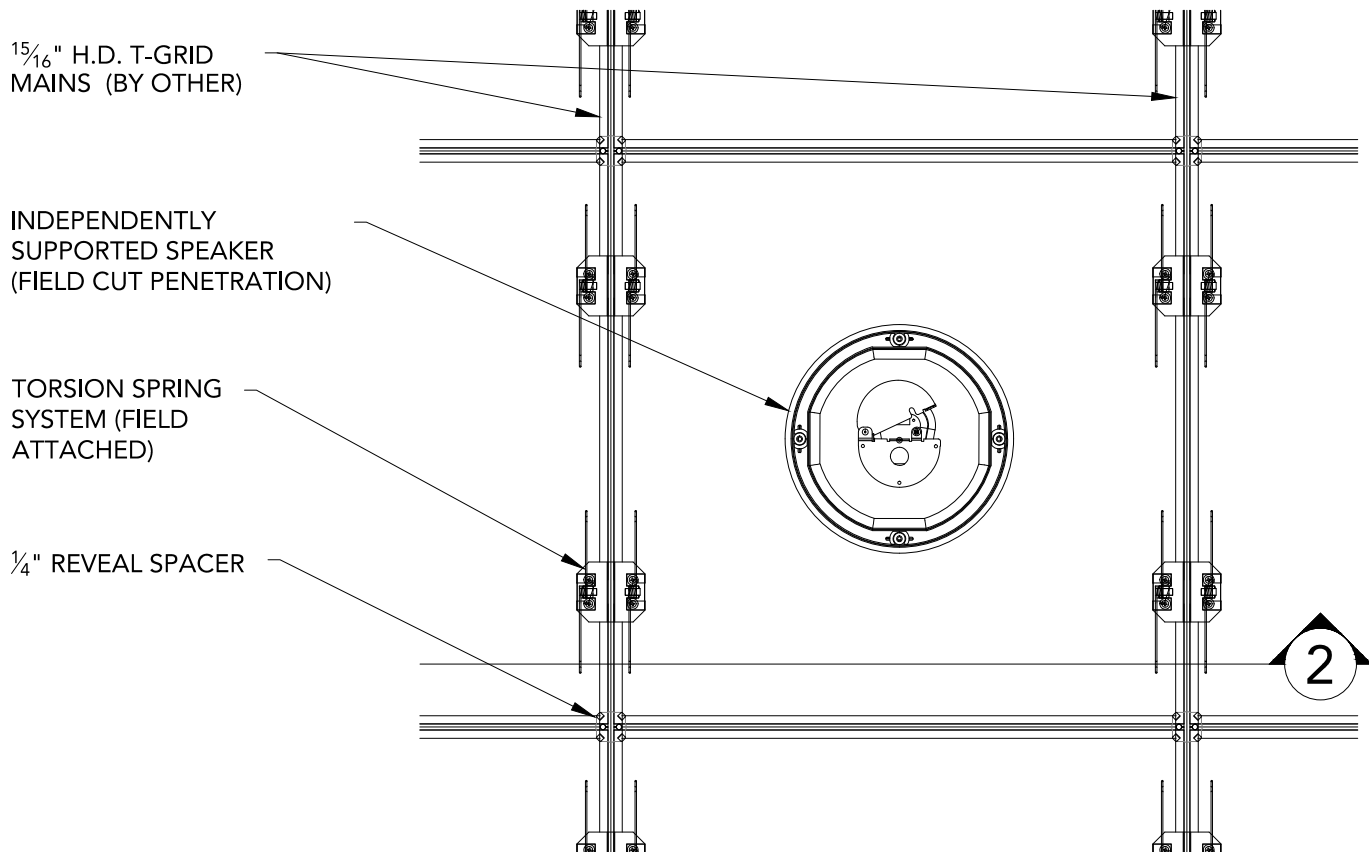
TRIM PLATE (BY OTHER)



2

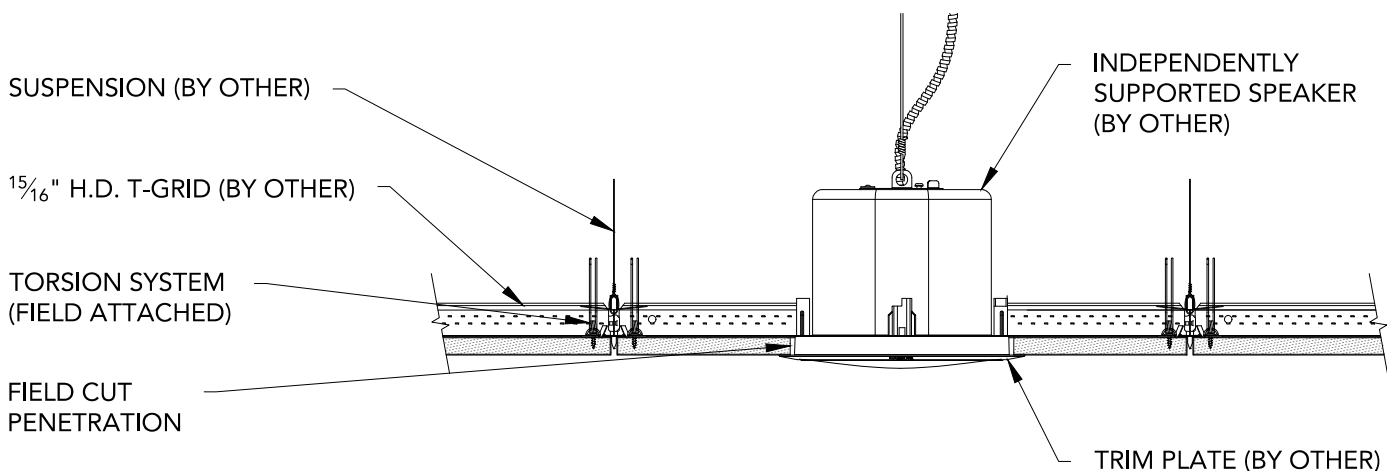
PENDANT LIGHT SECTION

1 1/2" = 1'-0"



1 RECESSED SPEAKER PLAN

1 1/2" = 1'-0"



2 RECESSED SPEAKER SECTION

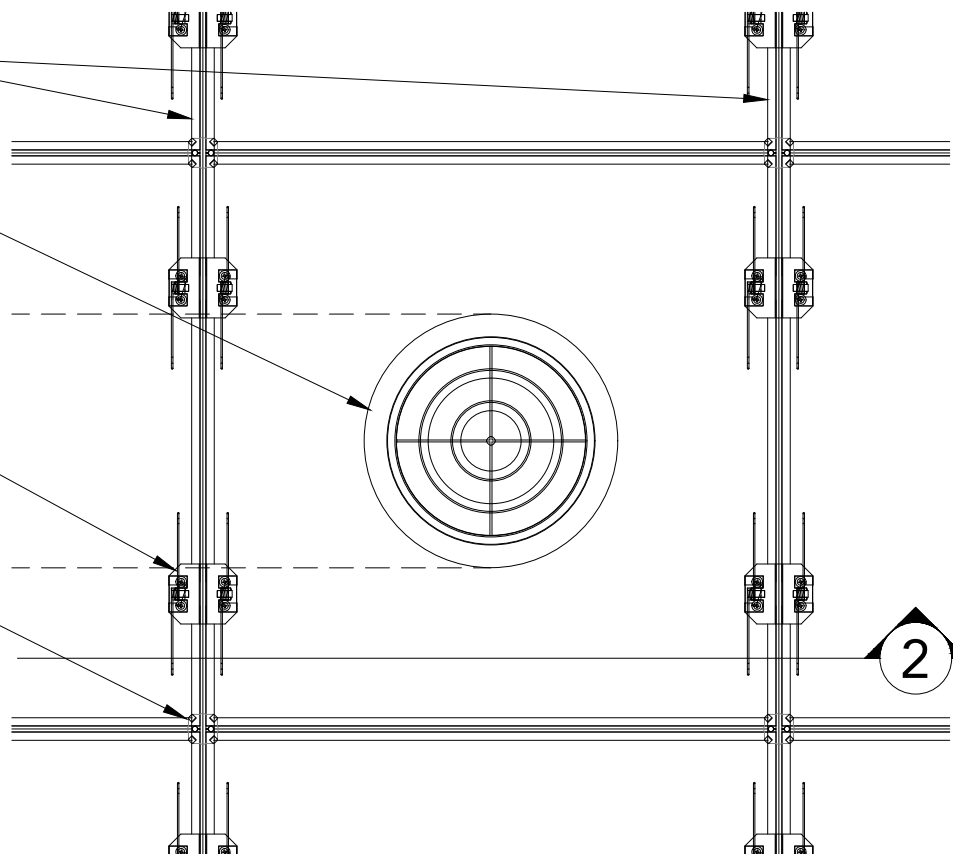
1 1/2" = 1'-0"

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

INDEPENDENTLY
SUPPORTED DIFFUSER
(FIELD CUT PENETRATION)

TORSION SPRING
SYSTEM (FIELD
ATTACHED)

1/4" REVEAL SPACER



1 DIFFUSER PLAN

1 1/2" = 1'-0"

SUSPENSION (BY OTHER)

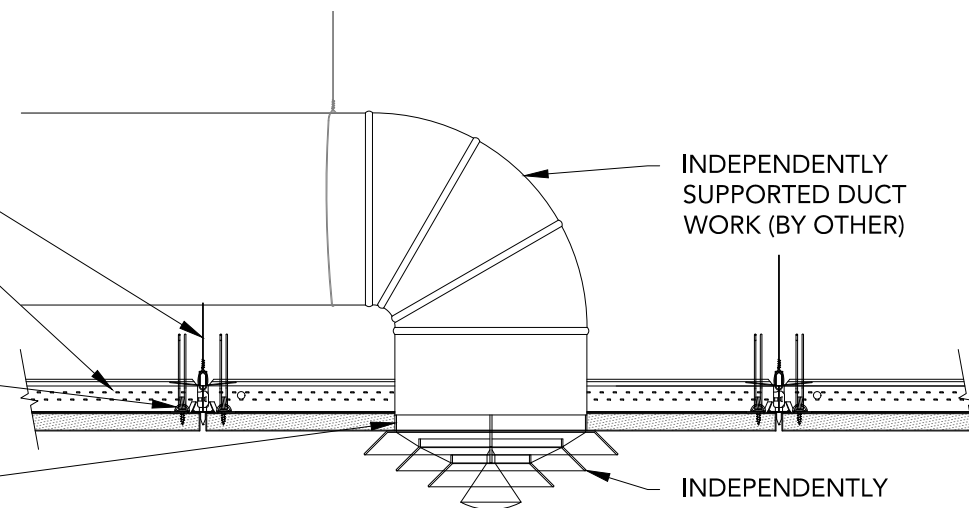
15/16" H.D. T-GRID (BY OTHER)

TORSION SYSTEM
(FIELD ATTACHED)

FIELD CUT
PENETRATION

INDEPENDENTLY
SUPPORTED DUCT
WORK (BY OTHER)

INDEPENDENTLY
SUPPORTED DIFFUSER
(FIELD CUT PENETRATION)



2 DIFFUSER SECTION

1 1/2" = 1'-0"

FUSION (TORSION SPRING SYSTEM) - DIFFUSER DETAIL

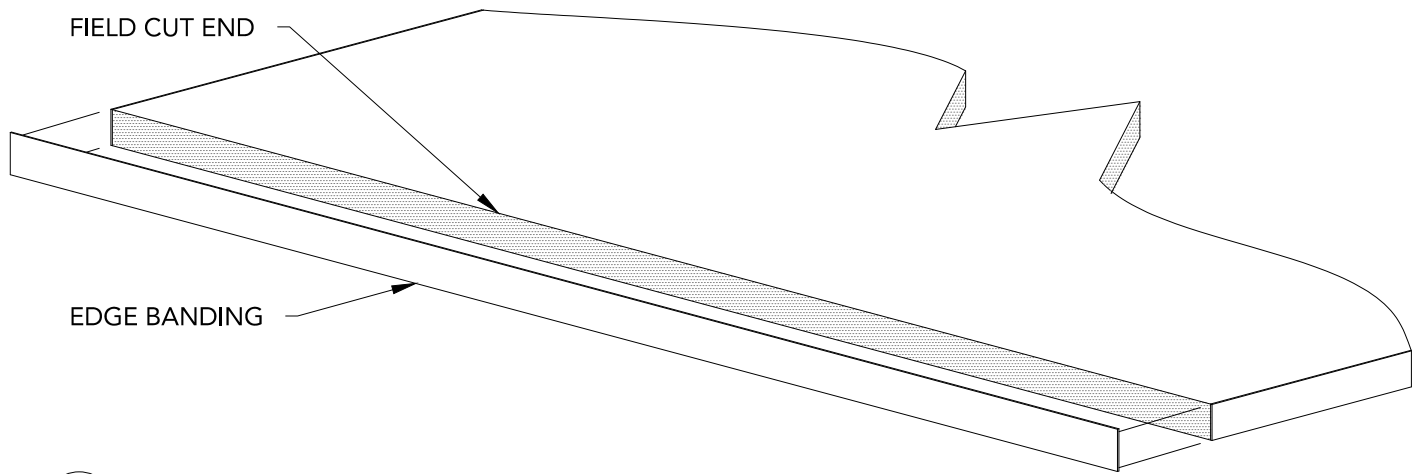
SCALE: AS NOTED

LAST REVISED: 6/21/2018

SHEET NUMBER

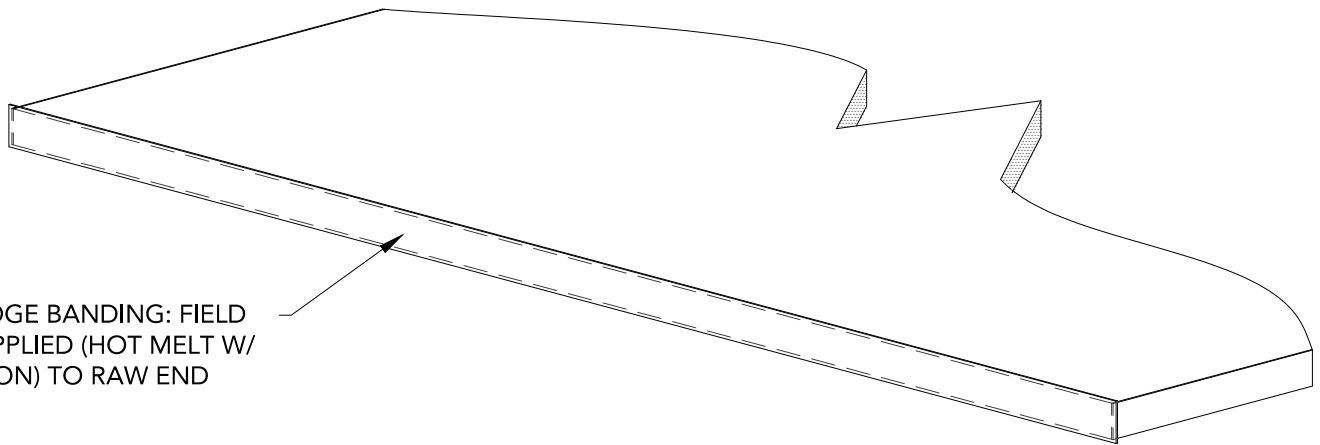
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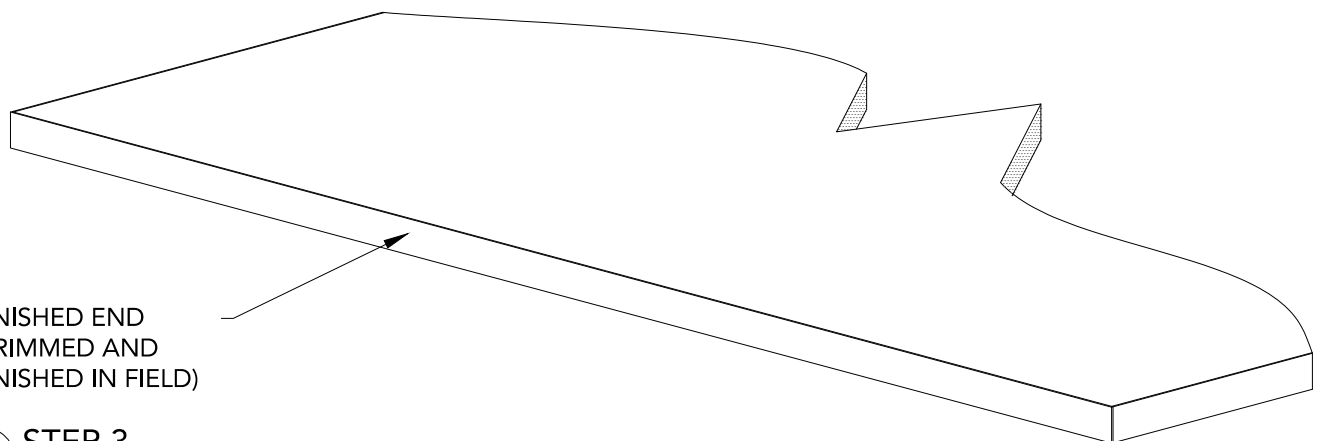
1 STEP 1

3" = 1'-0"



2 STEP 2

3" = 1'-0"



3 STEP 3

3" = 1'-0"