NOTES:
- NEVER LESS THAN (4) PER PANEL
- 5# PER SPRING MAX.
- ALWAYS EVEN NUMBER OF SPRINGS

MINIMUM REQUIREMENTS:
- PANELS UP TO 20# WILL REQUIRE (4) SPRINGS
- PANELS FROM 20# TO 30# WILL REQUIRE (6) SPRINGS
- PANELS FROM 30# TO 40# WILL REQUIRE (8) SPRINGS

INCREASE QUANTITY OF SPRINGS PER SIZE AND WEIGHT BASED ON THE GUIDELINES ABOVE.

PANEL CLIPS/SPRINGS ARE ALSO REQUIRED EVERY 24" O.C. MAX., TO AVOID PANEL SAG

SCALE: 6" = 1'-0"

1 TORSION SPRING SECTION
SCALE: 6" = 1'-0"

2 TORSION SPRING SIDE VIEW
SCALE: 6" = 1'-0"

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

4 SINGLE SIDED SADDLE
SCALE: FULL

5 SADDLE CLIP
SCALE: FULL

6 ALIGNMENT BLOCK
SCALE: FULL
TORSION SPRINGS INSTALLED - TYP. 2X2

1 1/2" = 1'-0"

NOTE
PANELS IN EXCESS OF 24" WIDE REQUIRE BACKERS
H.D. 15/16" T-GRID MAINS @ 24" O.C. (BY OTHERS)

H.D. CROSS TEE'S (BY OTHERS)

BACK OF PANELS REVEALS @ PANELS PER SPEC.

TORSION SPRINGS

PANEL CLIPS

SADDLE CLIPS

H.D. 15/16" T-GRID MAINS @ 24" O.C. (BY OTHERS)

1 1/2"x1 1/2"x1/4" ALIGNMENT BLOCKS

FIN. FACE OF PANELS BELOW

NOTE

PANELS IN EXCESS OF 24" WIDE REQUIRE BACKERS

TORSION SPRINGS INSTALLED - TYP. 4X4

SCALE: 3/4" = 1'-0"

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DRAFTED BY: BCO LAST REVISED: 6/0/16 SCALE: AS NOTED
TORSION SPRINGS INSTALLED - TYP. 2X2 AT WALL

SCALE: 1 1/2" = 1'-0"

TORSION SPRINGS

SADDLE CLIPS

PANEL CLIPS

1 1/2"x1 1/2"x1/4"

ALIGNMENT BLOCKS

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

Z-CLIPS AT WALL EDGE
1. **Typically Installed Panel Access**
   - Scale: 6" = 1'-0"
   - Torsion Springs to GRID
   - 15/16" H.D. T-GRID (By Others)
   - Panel Clips
   - Ceiling Panels
   - Alignment Blocks Beyond

2. **Installed Back of Panels**
   - Scale: 3" = 1'-0"
   - Indicates edges of panels below grid
   - Torsion Springs
   - Panel Clips
   - Back of Ceiling Panels
   - Saddle Clip
   - 15/16" H.D. T-Bar (By Others/ N.I.C.)

3. **Panel Clip Placement @ Back of Panel**
   - Scale: 6" = 1'-0"
   - 1 1/2"x1 1/2"x1/4" Th. Alignment Blocks @ Corners
   - Panel Clips
   - Indicates offset margin per size of reveal
   - 6" Max. Cant.
   - 24" Max. O.C.'s

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**Drawing Name:**

Torsion Springs System Placement & Installation

**Drafted By:** BCO
**Last Revised:** 6/01/2016
**Scale:** As Noted

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