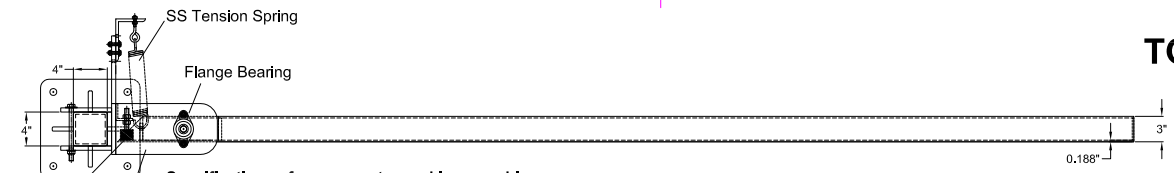
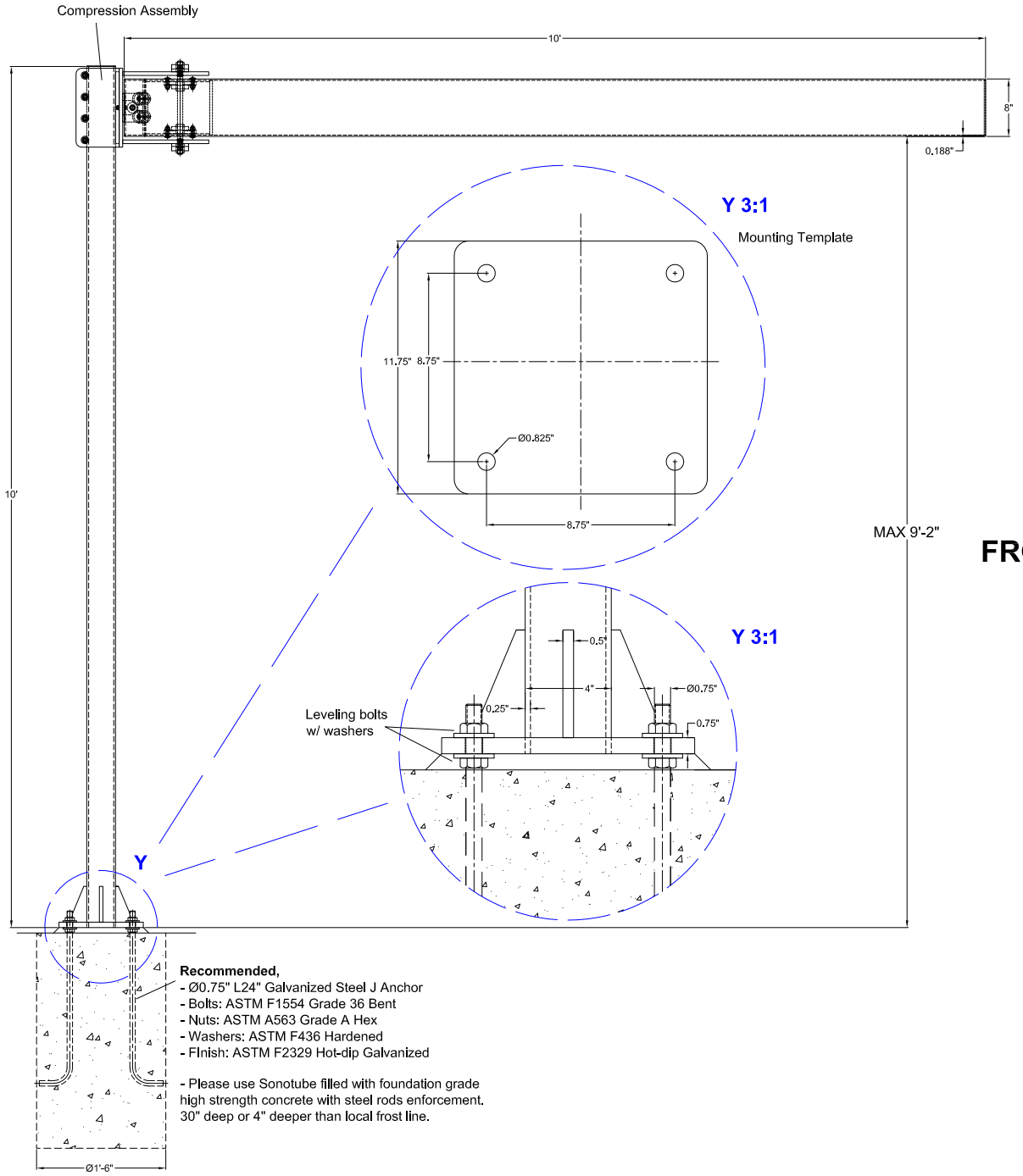


TOP VIEW

Specifications of components used in assembly:
- Screws: Grade 8 Coated High strength Alloy Steel Hex Head Cap Screw 1/2"-13 Thread, 6-1/2" Length.
- All screws have a minimum Rockwell hardness of C33 and minimum tensile strength of 150,000 psi. All meet ASME B18.2.1 and SAE J429.
- Nuts: Grade F Nylon-Insert Hex Flange Locknut Znc-Pltd Steel, 1/2"-13 Thread Sz, 3/4" W, 9/16" H.
- Washers: Zinc-Plated Steel Type A SAE Flat Washer 1/2" Screw Size, 1-1/16" OD, .07"-.13" Thick.
- Springs: Material SS, Finish PASSIVATE per ASTM A967, MAX Ld 141.300 lb, Rate 22.09 lb/in, OD 1.75", WD 0.207", FreeLength 9".
- Shaft: Precision Ceramic-Coated Aluminum Shaft 3/4" Diameter.



FRONT VIEW

Recommended,
- Ø0.75" L24" Galvanized Steel J Anchor
- Bolts: ASTM F1554 Grade 36 Bent
- Nuts: ASTM A563 Grade A Hex
- Washers: ASTM F436 Hardened
- Finish: ASTM F2329 Hot-dip Galvanized

- Please use Sonotube filled with foundation grade high strength concrete with steel rods enforcement. 30" deep or 4" deeper than local frost line.

	NAME	SIGNATURE	DATE	ACCESSORIES	QTY
DRAWN	GHA		05/11/13	Hor. Bm. Complete Ass'y	1
CHK'D	ISM		05/11/13	Ver. Bm. w/o Cmprsn. Ass'y	1
APPV'D	ISM		05/11/13	Compression Ass'y	1
REV.	1			SS Tension Spring	2
Unless otherwise specified all structural components are made of Aluminum Alloy **6061-T6**				Rubber Stop	1
				Flange Bearing	4

TSS INC.
11450 STEPHENS RD, WARREN, MI 48089 1-800-682-7446 www.tsscws.com

Title: RETRACTABLE CLEARANCE STRUCTURE
(Driver side is shown in drawing)

Part Number: CRCD, CRCP, CRCD1, CRCP1

SCALE: 1:22

SHEET 1 OF 1