



(Typical rib)



For Foundation Details
see Base Sheet QSC-A-9.



* Bent bars may be butt welded top and bottom or bottom only. In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 μ in or less.

•• Butt welded joint in post is only allowed for post heights (H) over 20 ft. in length. If used, weld procedure must be preapproved by Engineer and joint shall receive 100% RT or UT (tension criteria) at Contractor's expense.

SIDE ELEVATION



Anchor rods shall conform to ASTM F1554 Grade 105. Galvanize the upper 18" (minimum^{***}) and associated AASHTO M291, Grade A, C or DH heavy hex nuts and hardened washers per AASHTO M232. No welding shall be permitted on rods. Provide a nut at bottom, a hexagon locknut and washer above base plate and a leveling nut and washer below base plate. Nuts shall each be tightened with 200 lb.-ft. minimum torque against base plate. Before or after threading, but before galvanizing, each anchor rod shall be ultrasonically tested (UT) by a Level II or III inspector, qualified in accord with ANSI guidelines, to insure no rejectable flaws exist in the upper 18" (tension critical). Cost of testing included in Drilled Shaft Concrete Foundations.

*** 18" is minimum to be galvanized.
Entire rod may be galvanized at
Contractor's option.

All Thread = NC
(National Course)

Provide 1 nut per rod.
Deform thread or use chemical
thread lock to secure.

OSC-A-5

6-1-12

PATRICK ENGINEERING INC.
4870 VARSITY DRIVE
LYSLE, IL 60532
patrickengineering.com

USER NAME *
PLOT SCALE *
PLOT DATE *

DESIGNED	-	CPK
DRAWN	-	MJP
CHECKED	-	JAH
DATE	-	2/18/2013

REVISED	4	4/1/2013 AY
REVISED		
REVISED		
REVISED		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CANTILEVER SIGN STRUCTURES - TYPE II-C-A & III-C-A
TRUSS SUPPORT POST - ALUMINUM TRUSS & STEEL POST

SCALE: SHEET NO. SON-30 OF 10 SHEETS

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2746	1616B	COOK	404	147D
		CONTRACT NO. 60J14		
ITEMS: 627 430 PROJECT				

A ADDED SHEET

Note: "H" based on 15'-0" or actual sign height, whichever is greater.