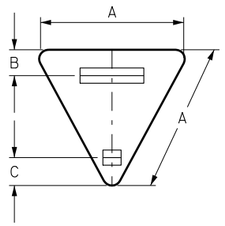
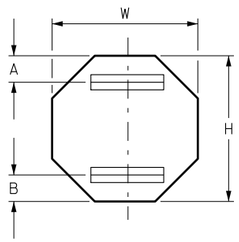
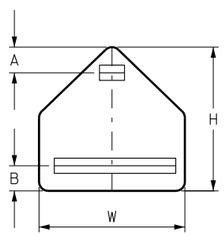


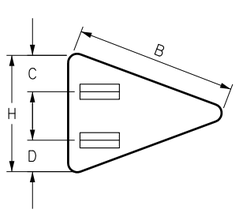
TRIANGLE SIGN			
A	B	C	"Z"BAR LENGTH
36"	8½"	11½"	1-18" 1-6"
48"	8½"	14½"	1-30" 1-61¼"



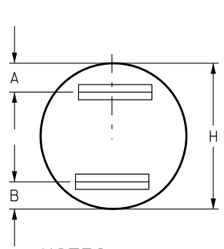
OCTAGON SIGN			
H/W	A	B	"Z"BAR LENGTH
36"	7½"	4½"	1-18" 1-12"
48"	7½"	4½"	1-24" 1-12"



PENTAGON SIGN			
H/W	A	B	"Z"BAR LENGTH
36"	9½"	4½"	1-11" 1-30"
48"	13½"	4½"	1-12" 1-42"



PENNANT SIGN				
H	B	C	D	"Z"BAR LENGTH
36"	48"	12"	10"	1-18" 1-15"
48"	64"	15½"	15½"	2-27"

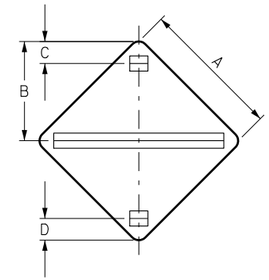


ROUND SIGN			
H	A	B	"Z"BAR LENGTH
36"	7½"	8½"	2-18"

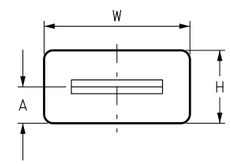
NOTES:

1. REFER TO STD DWG SN 13B FOR "Z" BAR REQUIREMENTS.
2. REFER TO STD DWG SN 13A FOR POST MOUNTING HARDWARE.

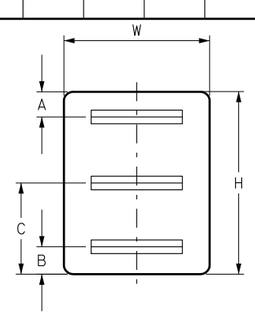
DIAMOND SIGN				
A	B	C	D	"Z" BAR LENGTH
36"	CENTERED	15"	11"	2-12" 1-42"
48"	CENTERED	15"	11"	2-12" 1-59"
60"	CENTERED	15"	11"	2-12" 1-77½"

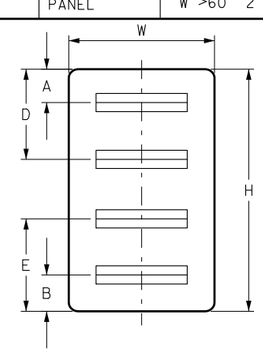


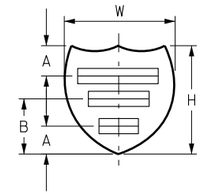
RECTANGULAR SIGN (SINGLE "Z")				
W	H	A	"Z" BAR LENGTH	POST AND BRACKET REQUIREMENT
36"	12" 18" 24"	CENTERED	30"	SINGLE POST
48"	12" 18" 24"	CENTERED	44"	SINGLE POST
≥60"	12" 18" 24"	CENTERED	SIGN WIDTH MINUS 6" CENTERED ON PANEL	1 POST WITH "T" OR "U" RECOMMENDED



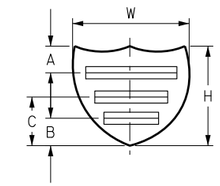
RECTANGULAR SIGNS (MULTI "Z")								
W	H	A	B	C	D	E	"Z" BAR LENGTH	POST AND BRACKET RECOMMENDATION
36" TO 60"	36"	7½"	4½"	NOT REQUIRED			SIGN WIDTH MINUS 6" CENTERED ON PANEL	"W"=36" 1 POST "W">36" 1 POST WITH "T" OR "U" RECOMMENDED
36" TO 120"	48"	7½"	4½"	22½"			SIGN WIDTH MINUS 6" CENTERED ON PANEL	"W"=36" 1 POST "W">36" & ≤60" 1 POST WITH "T" OR "U" RECOMMENDED "W">60" 2 POST REQUIRED
36" TO 120"	60"	7½"	4½"	28½"			SIGN WIDTH MINUS 6" CENTERED ON PANEL	"W"=36" 1 POST "W">36" & ≤60" 1 POST WITH "T" OR "U" RECOMMENDED "W">60" 2 POST REQUIRED
36" TO 120"	72"	7½"	4½"		25½"	22½"	SIGN WIDTH MINUS 6" CENTERED ON PANEL	"W"=36" 1 POST "W">36" & ≤60" 1 POST WITH "T" OR "U" RECOMMENDED "W">60" 2 POST REQUIRED
36" TO 120"	84"	7½"	4½"		31½"	28½"	SIGN WIDTH MINUS 6" CENTERED ON PANEL	"W"=36" 1 POST "W">36" & ≤60" 1 POST WITH "T" OR "U" RECOMMENDED "W">60" 2 POST REQUIRED







INTERSTATE SHIELD (2 DIGITS)				
W	H	A	B	"Z"BAR LENGTH
36"	36"	8½"	NOT REQUIRED	1-27" 1-13"
48"	48"	8½"	22½"	1-41" 1-36" 1-15"



INTERSTATE SHIELD (3 DIGITS)					
W	H	A	B	C	"Z"BAR LENGTH
45"	36"	8½"	6½"	16½"	1-38" 1-18"
60"	48"	8½"	6½"	22½"	1-54" 1-45" 1-18"

SMALL SIGNS & SUPPLEMENTAL SIGNS

"Z" BAR NOT REQUIRE ON SMALL OR SUPPLEMENTAL SIGNS EXCEPT AS NOTED: INSTALL "Z" BAR ON SMALL OR SUPPLEMENTAL SIGNS PLACED IN CONJUNCTION WITH SIGNS THAT HAVE "Z" BAR OR A FRAME.

W	H	"Z" BAR LENGTH	"Z" BAR PLACEMENT WHEN USED
12" 15" 18" 21"	12" 15" 18"	SIGN WIDTH MINUS 4" CENTERED ON PANEL	PLACE "Z" BAR AS PER RECTANGULAR SIGNS (SINGLE "Z")
24" 30" 36" 48" 60"		SIGN WIDTH MINUS 6" CENTERED ON PANEL	
12" 15" 18"	24" 30"	SIGN WIDTH MINUS 4" CENTERED ON PANEL	PLACE "Z"BAR AS PER RECTANGULAR SIGNS (MULTI "Z") USING "H" '36' "A" AND "B" PLACEMENT REQUIREMENTS
24" 30" 36" 48" 60"		SIGN WIDTH MINUS 6" CENTERED ON PANEL	
12" 15" 18"	48" 60"	SIGN WIDTH MINUS 4" CENTERED ON PANEL	PLACE "Z" BAR AS PER RECTANGULAR SIGNS (MULTI "Z") USING APPROPRIATE "H" CONDITION FOR PLACEMENT OF "A", "B" AND "C"
24" 30"		SIGN WIDTH MINUS 6" CENTERED ON PANEL	
12" 15" 18"	72" 84"	SIGN WIDTH MINUS 4" CENTERED ON PANEL	PLACE "Z" BAR AS PER RECTANGULAR SIGNS (MULTI "Z") USING APPROPRIATE "H" CONDITION FOR PLACEMENT OF "A", "B", "D" AND "E"
24" 30"		SIGN WIDTH MINUS 6" CENTERED ON PANEL	

"T" OR "U" BRACKET RECOMMENDED FOR SIGNS 48" WIDE AND PLACED ON A SINGLE POST.

NO.	DATE	APPR.	REMARKS

REVISIONS

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION
SALT LAKE CITY, UTAH

RECOMMENDED FOR APPROVAL — JAN.01.2008 DATE
CHAIRMAN STANDARDS COMMITTEE APPROVED — JAN.01.2008 DATE
DEPUTY DIRECTOR

STANDARD DRAWING TITLE: "Z" BAR MOUNTING REQUIREMENTS

STD DWG
SN 13C

DGN File:L:\Standard_Drawings\Imperial\2008Approved\Signs (SN)\SN13C.dgn
18-DEC-2007