

9
A6

WEB #4

WEB #3

WEB #2

WEB #1

WEB #4

WEB #3

WEB #2

WEB #1

WEB #4

WEB #3

WEB #2

WEB #1

WEB MEMBERS -
FABRICATE FROM SPIRAL-
BENT 2.875" O.D.
SECTIONS - THICKNESS AS
INDICATED

WEB MEMBERS BTWN. SPARS
NOT STRAIGHT LINES AS IND-
BUT ARE HELICAL - SEE
PHOTOGRAPHS OF MODEL -
DETAILS 1 & 2 ON SHEET A5

SPAR MEMBERS -
FABRICATE FROM
"FLAGPOLE" SECTIONS -
40'-0" LONG TAPERED
SECTION W/ Ø 5/8" Ø @
BASE AND 3 1/4" Ø @ TOP
BASE SECTION IS STRAIGH-
FOR A LENGTH OF 21'-6" @
A MIN. THICKNESS OF .322".
SECTION IS TAPERED & HA-
A VARYING THICKNESS FR-
TO .188". A STRAIGHT SEC-
PIPE SHALL BE SLEEVED
TO THE FLAGPOLE SECTION
REQUIRED LENGTH. WELD
GROUND SMOOTH & FINISH
VISUALLY DISAPPEAR.
(TYP. 3 EA. TOWER) SEE
SPAR MEMBER ELEVATION
INDICATING RADII AND
CONNECTION POINTS -
DETAILS 1 & 2 ON SHEET A

WEB #4
T=.203"

WEB #3 - T=.203"

T=THICKNESS
THICKNESS SHALL BE
CONTINUOUS THROUGHOUT
WEB MEMBER LENGTH.

WEB #2 - T=.203"

WEB #1 - T=.216"

ELEVATION 00.00

PIER BASE FOR TOWER -
SEE PLAN DETAIL 3 SHT. A6

TOP CLOSURE - CONNECT ALL THREE SPARS AT ONE POINT WITH FORMED PIPE CLOSURE USING SLEEVED, WELDED CONNECTIONS

9'-0"

1/2" ROD - WELD TO TOP OF SPAR CLOSURE & WELD TO CANTILEVERED WEB MEMBERS @ 1" FROM END

8'-0 3/4"

10'-4 1/8"

12'-0 1/2"

8 A6

10 A6

TOUR FRONT SPAR

TOUR SIDE SPAR

TOUR WEB MEMBERS - CANTILEVER AS INDICATED. DIMENSIONS ARE GIVEN FROM CENTERLINE OF SIDE SPAR TO END OF WEB MEMBER.

TOUR WEB MEMBERS ARE NOT STRAIGHT LINES AS SHOWN ON DRAWINGS BUT HELICAL AS INDICATED IN PHOTOGRAPHS OF MODEL. CANTILEVERED PORTIONS OF WEB MEMBERS ARE STRAIGHT LINES & ARE PARALLEL AS INDICATED ON DRAWINGS.

PROVIDE

Technical drawing showing a detail of a bridge structure. The drawing includes the following components and labels:

- METAL ACCENT BAND BETWEEN STRUTS TO CONTINUE & VISUALLY TIE STRUTS TOGETHER**: Points to a band connecting the tower struts.
- 6 A6**: A circular callout with the number 6 and the text A6, pointing to a specific detail or component.
- 7 A6**: A circular callout with the number 7 and the text A6, pointing to another specific detail or component.
- TOWER STRUT**: Points to the main structural member of the tower.
- BASEPLATE, TYP. - SEE DETAIL 3/A6**: Points to the base of the tower structure.
- 172°**: An angle measurement indicating the orientation of the tower strut.
- BRIDGE STRUCTURE (ALREADY IN PLACE)**: Points to the existing bridge structure.