STATIC CANTILEVER

SPAN

SIGN PANEL LENGTH

6'-0" (MAX.)

₵ MAIN PANEL = ₵ MAST ARM

"D"

FIELD SPLICE

₵ POST = ₵ CAISSON

WALKWAY BRACKETS (TYP.)

DRILL AND TAP FOR 1½ NPS CONDUIT

"R" (SEE TABLE)

HAND HOLE

"H"

BOTTOM OF BASE PL

DYNAMIC CANTILEVER

35'-0" (MAX.)

31'-0" (MAX.)

FIELD SPLICE

6" (TYP.)

5'-0" (MAX.)

6'-0" (MAX.)

₵ CABINET = ₵ MAST ARM

₵ POST = ₵ CAISSON

WALKWAY

10'-0" (MAX.)

24"∅ x ⅜" WALL

WALKWAY

R=10'-0"

30'-0" (MAX.)

WALK-IN DYNAMIC MESSAGE SIGN CABINET — 4'-0" DEEP X 5000 LBS. (MAX. SIZE INCLUDING TILTING BRACKETS)

WALKWAY BRACKET (TYP.)

24"∅ x 1¹⁄₁₆" (0.688") WALL

BOTTOM OF BASE PL
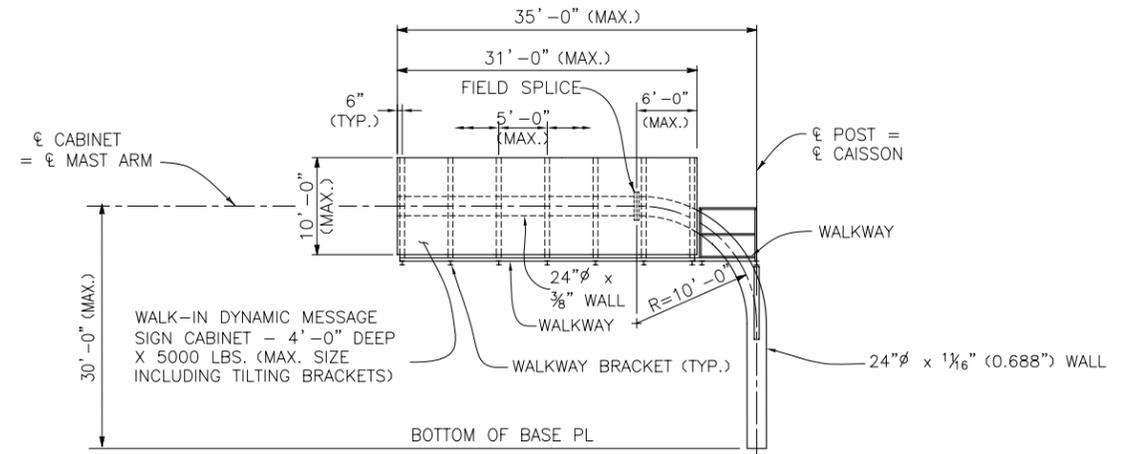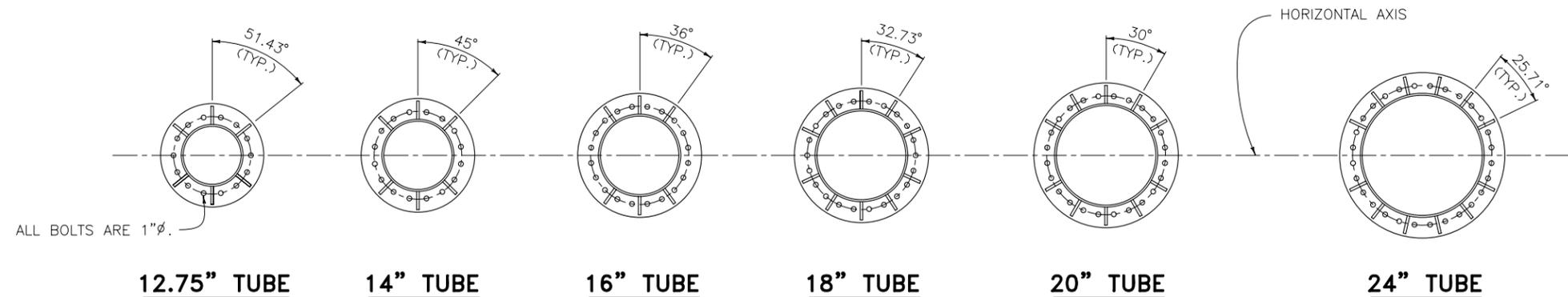
STATIC CANTILEVER NOTES

1. THE MAXIMUM SIGN PANEL OVERLAP ONTO ELBOW SHALL NOT EXCEED 6'-0" FROM THE FIELD SPLICE.

2. WHEN SEVERAL SIGN PANELS ARE TO BE INSTALLED WITH A SPACE BETWEEN THE PANELS, THE SPACE SHALL BE AS SMALL AS POSSIBLE AND 2'-0" MAXIMUM WITHOUT SAFETY CABLES.

3. ALL POSTS BETWEEN BASE PLATE AND FIELD SPLICE SHALL HAVE A TUBE WALL THICKNESS OF ½". ALL MAST ARMS SHALL HAVE A TUBE WALL THICKNESS OF ⅜".

4. DURING SIGN ERECTION, THE POST SHALL BE ALIGNED BY USING THE LEVELING NUTS TO MAKE THE SIGN PANEL LEVEL.

5. FIELD SPLICE DETAILS ARE FOR BOTH CANTILEVER SIGNS AND SIGN BRIDGES. SEE SHEET 6 FOR ADDITIONAL FIELD SPLICE INFORMATION.

DYNAMIC CANTILEVER NOTES

1. THE MAXIMUM CABINET OVERLAP ONTO ELBOW SHALL NOT EXCEED 6'-0" FROM THE FIELD SPLICE.

2. ALL POSTS BETWEEN BASE PLATE AND FIELD SPLICE SHALL HAVE A TUBE WALL THICKNESS OF 1¹⁄₁₆" (0.688"). ALL MAST ARMS SHALL HAVE A TUBE WALL THICKNESS OF ⅜".

3. DURING SIGN ERECTION, THE POST SHALL BE ALIGNED BY USING THE LEVELING NUTS TO MAKE THE SIGN PANEL LEVEL.

4. FIELD SPLICE DETAILS ARE FOR BOTH CANTILEVER SIGNS AND SIGN BRIDGES. SEE SHEET 6 FOR ADDITIONAL FIELD SPLICE INFORMATION.

PIPE POST

PIPE OD (IN.)	"R" (FT.)
12.75	8
14	8
16	8
18	8
20	8
24	10

51.43° (TYP.)

45° (TYP.)

36° (TYP.)

32.73° (TYP.)

30° (TYP.)

HORIZONTAL AXIS

25.71° (TYP.)

ALL BOLTS ARE 1"∅.

12.75" TUBE   **14" TUBE**   **16" TUBE**   **18" TUBE**   **20" TUBE**   **24" TUBE**

FIELD SPLICE DETAILS

STIFFENERS SHALL BE LOCATED ON BOTH SIDES OF THE FIELD SPLICE.
CLIP WASHERS AS NEEDED TO AVOID INTERFERENCE WITH STIFFENER WELDS.