

SCALE: 1" = 30'
PLAN VIEW

DESIGN NOTES

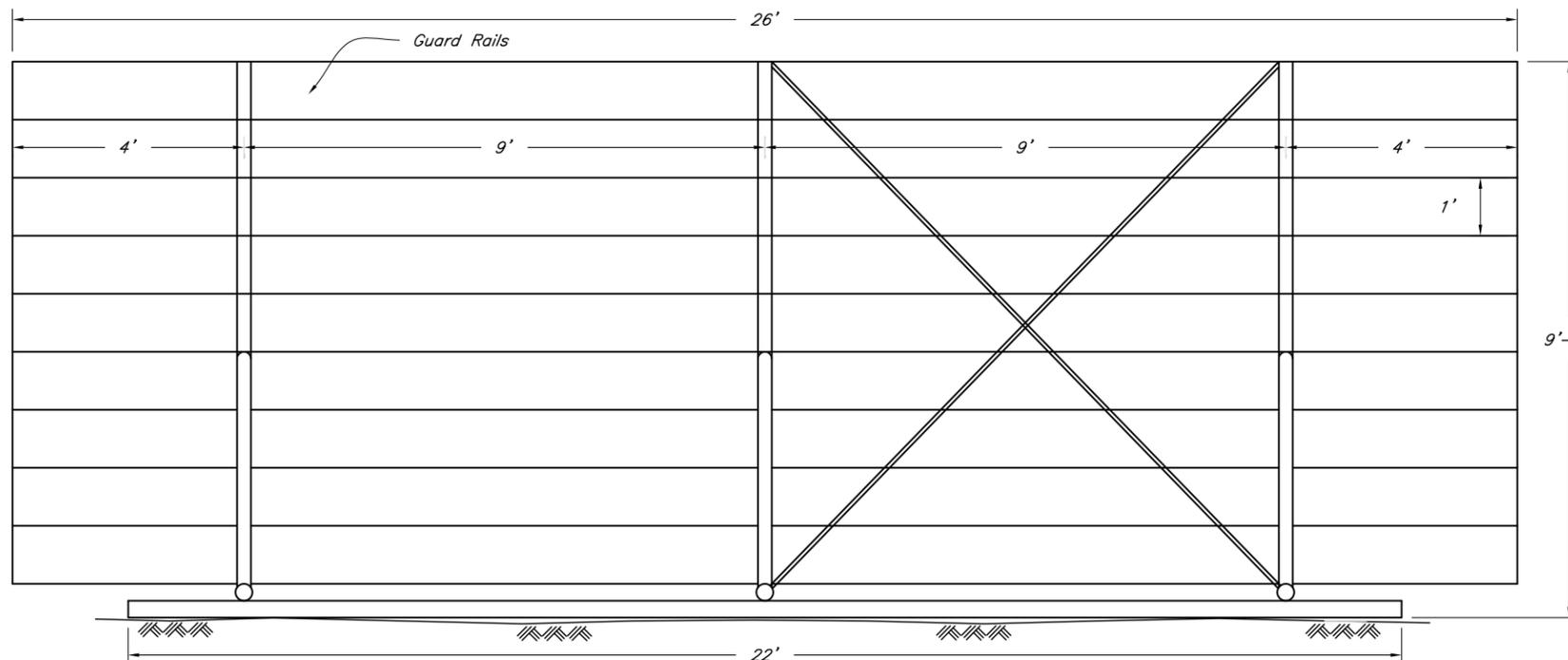
1. Shelter is designed for wind and snow protection of ____ cows and 80 mph wind speed.
2. Construct shelter frame with 2 7/8" standard drill stem and 3 1/2" Sch 40 steel pipe, all joints welded.
3. Place shelter in a 90 degree V-shape with ____ long wings, ____ total length.
4. Maximum total shelter height is 9'7".
5. Approximate shelter weight is 2700 lbs. per 26' length.
6. Shelter will require staking or otherwise anchoring to prevent sliding.
7. Four anchors will be required for each 26' panel, each capable of providing 650 lbs of sliding resistance in any direction.
8. Attach guard rails to each vertical pipe w/2-3/8"x3-1/2" or 4" bolts.
9. Install guard rails without gaps to provide a solid face.
10. Diagonal bracing to be made from 3/4" diameter sucker rod welded to vertical pipes and cross pipes as shown.
11. Provide 1/4" dia. hole near the bottom of vertical pipes and angled bracing to allow drainage in order to prevent trapped water from freezing and rupturing pipe.

SPECIFICATIONS

1. MT-100 General Requirements
2. MT-113 Metal Fabrication and Installation

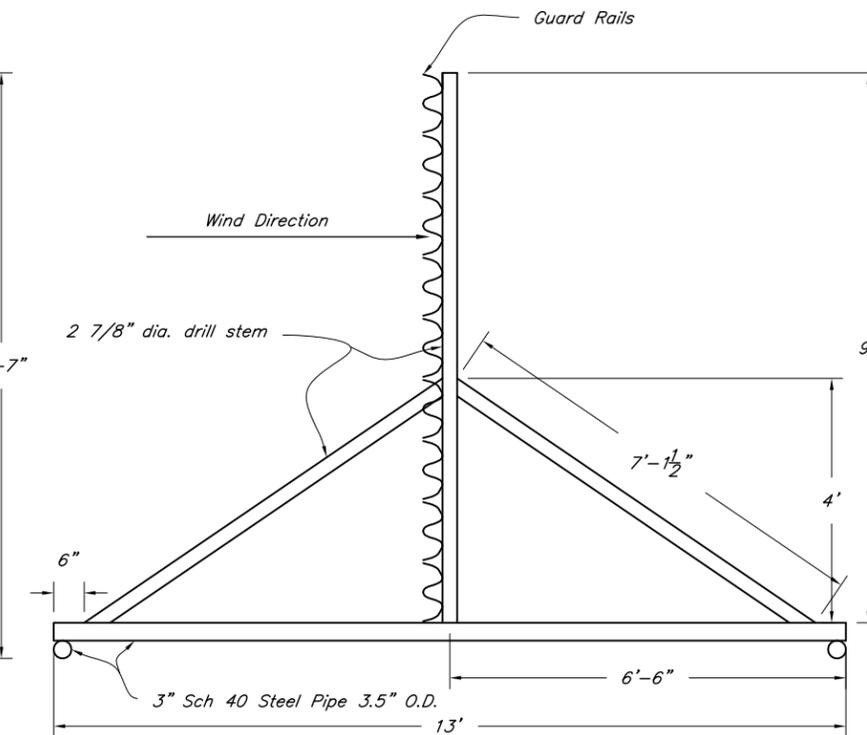
MATERIAL LIST

1. 70' x 2 7/8" dia. drill stem steel pipe per 26' shelter length.
2. 83' x 3" dia. Sch 40 steel pipe 3 1/2" O.D. per 26' shelter length.
3. 9-26'x12" wide galvanize guard rail sections per 26' shelter length.
4. Fasteners as needed



FRONT VIEW

SCALE: 1" = 3'0"



END VIEW

Date	9/08
Designed	
Drawn	
Checked	
Approved	

PORTABLE LIVESTOCK SHELTER
 9'-7" Tall Guard Rail
 MONTANA COUNTY



File Name
MTSD561001.DWG

Drawing No.
MT-SD-561.001

Job Class ##

REVISIONS		
DATE	APPROVED	TITLE

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