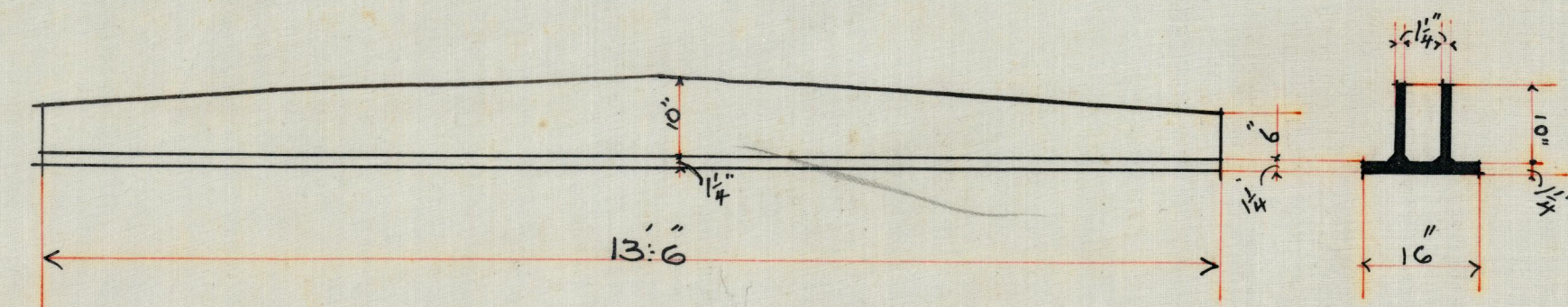
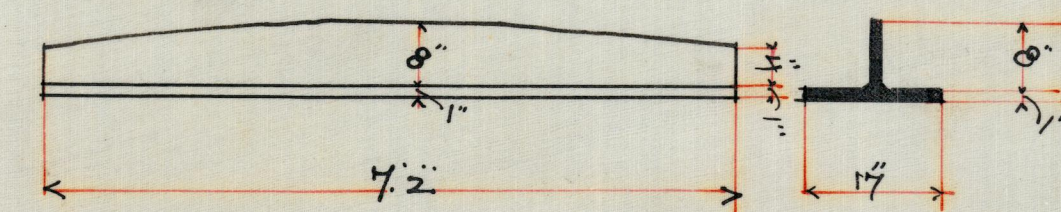


1/2" SCALE DETAILS OF CAST & WROUGHT IRON. ALSO STEEL BEAM GIRDER FOR THE HYMBOLDT SCHOOL ADDITION.

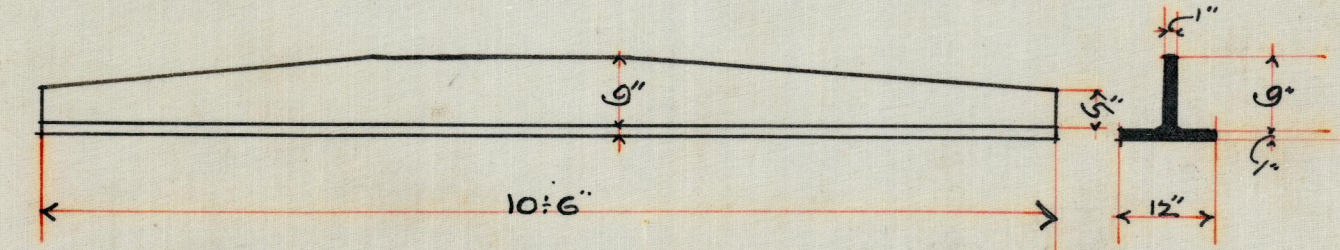
F. J. ECKEL ARCHT. CT.
ST. JOSEPH, MO. 1907.
5/16.07.8.



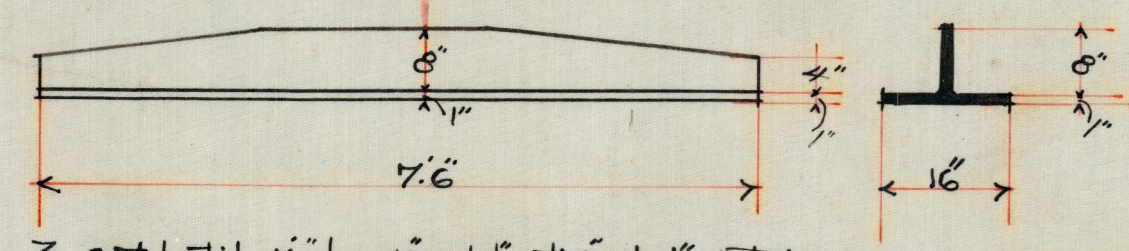
3 cast iron Lintels 13'6" long 2 ribs 16" wide 1 1/4" metal 10" ribs 1 1/4" metal.
1 " " " " " 12 " 14 " " 9 " 14 "



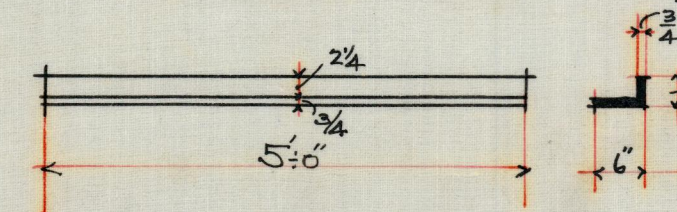
2 cast iron Lintels 7'2" long 17" wide 1 1/4" metal 8" ribs 1" metal.
1 " " " 6'6" 9 " 1 " 7 " 1 " " 9 " 1 " "



1 cast Lintel 10'6" long 12" wide 1" metal 9" rib 1" metal.



3 cast Lintels 7'6" long 16" wide 1 1/4" metal 8" ribs 1" metal.

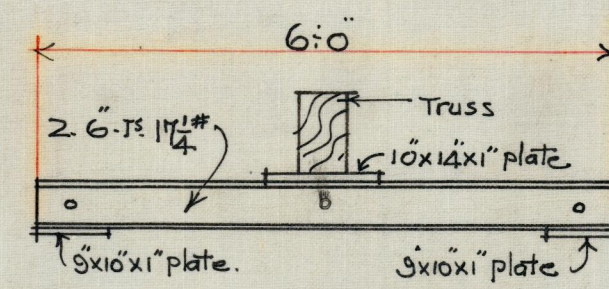


105 window Lintels like this

18 wall plates under Trusses
Like this

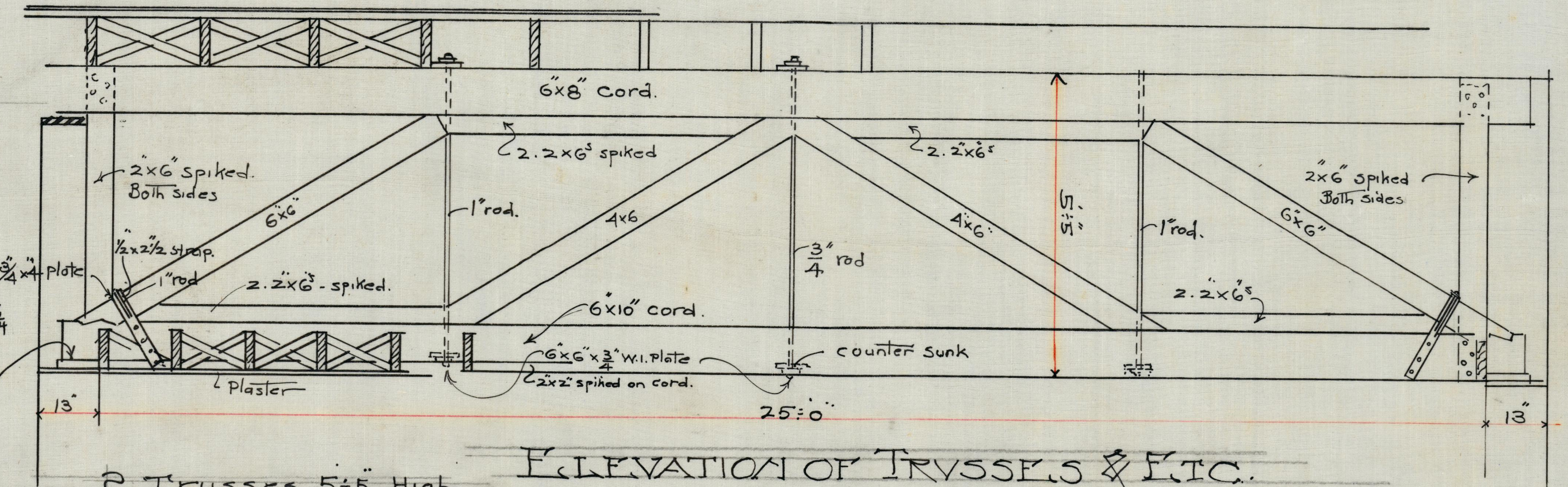
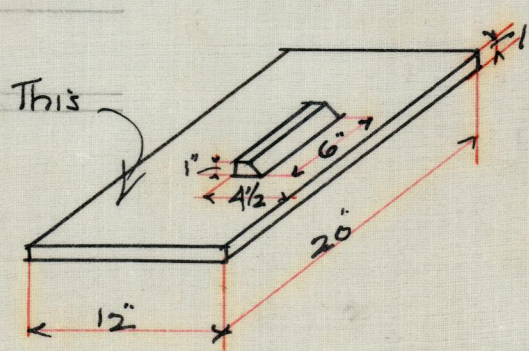
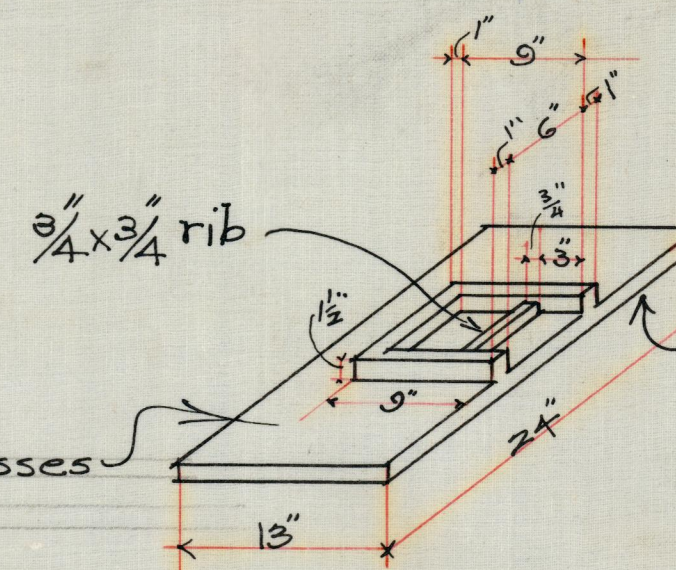
1" SCALE

16 girder plates like this



2 sets like this for
Truss Bearings.

SECTION.

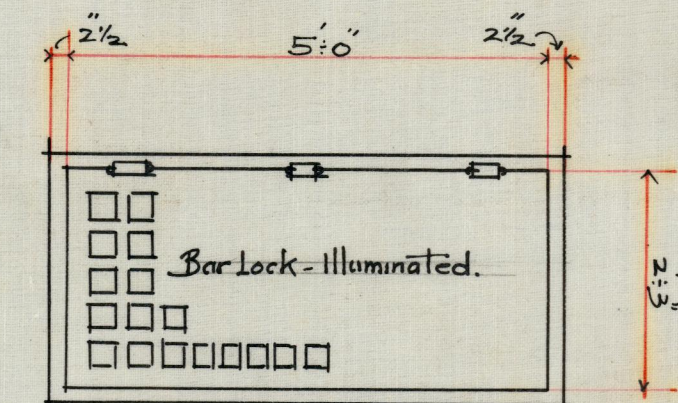
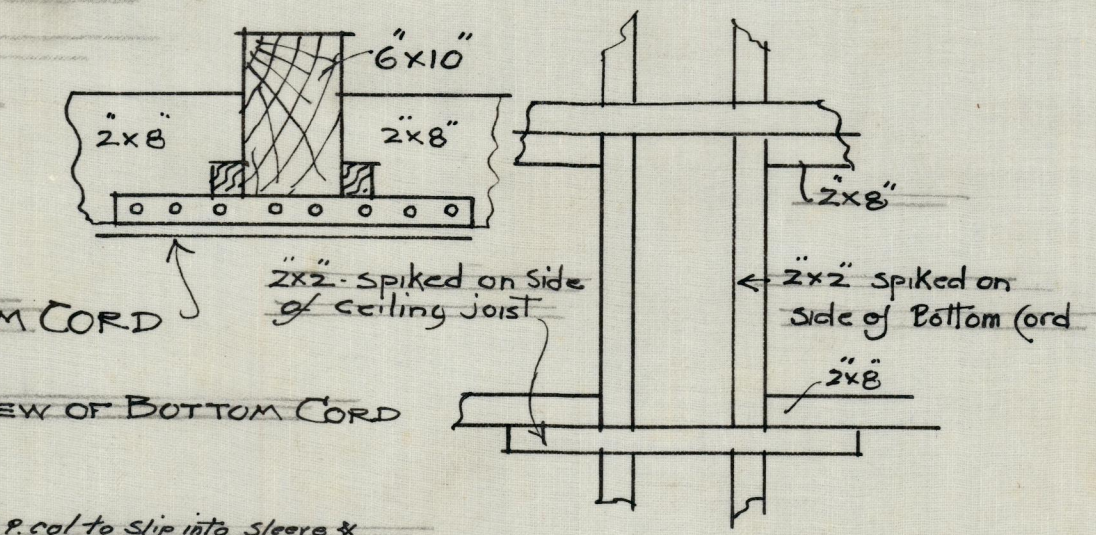


ELEVATION OF TRUSSES & ETC.

2	Trusses 5'5" High.
2	" 5'0" "
2	" 4'7" "
2	" 4'1" "
2	" 3'8" "
2	" 3'3" "

SECTION THRO BOTTOM CORD

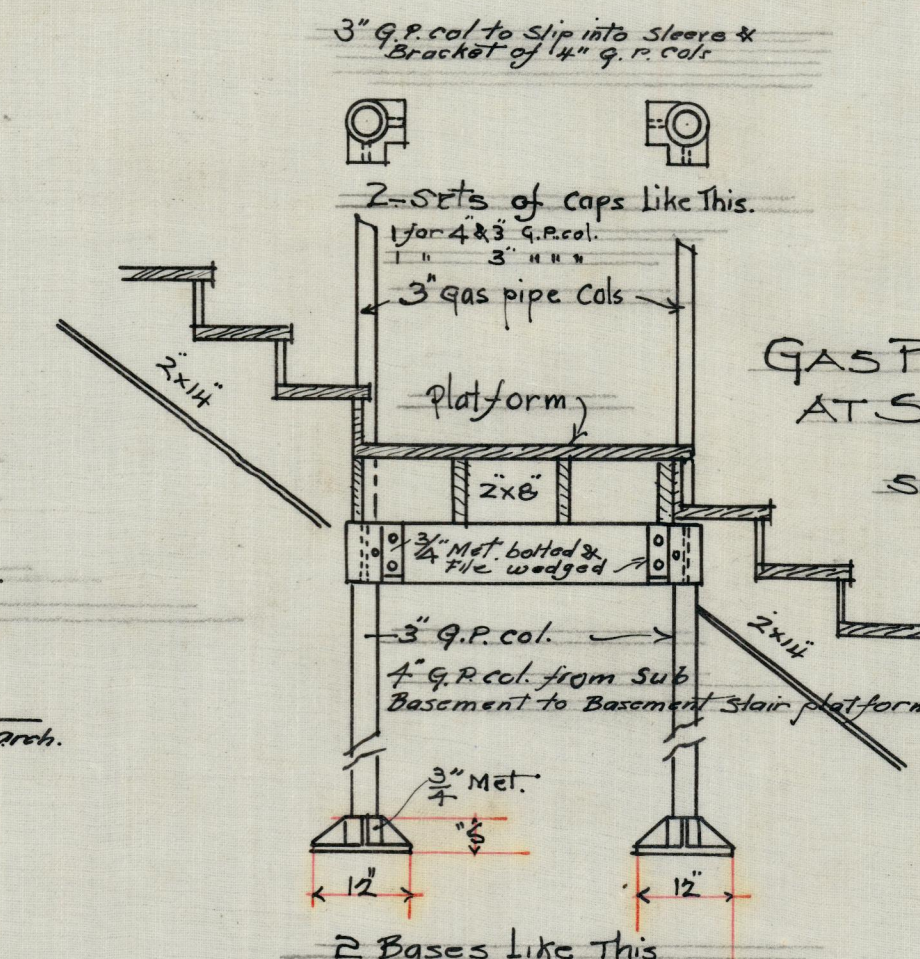
BOTTOM VIEW OF BOTTOM CORD



PLAN OF VENTS.

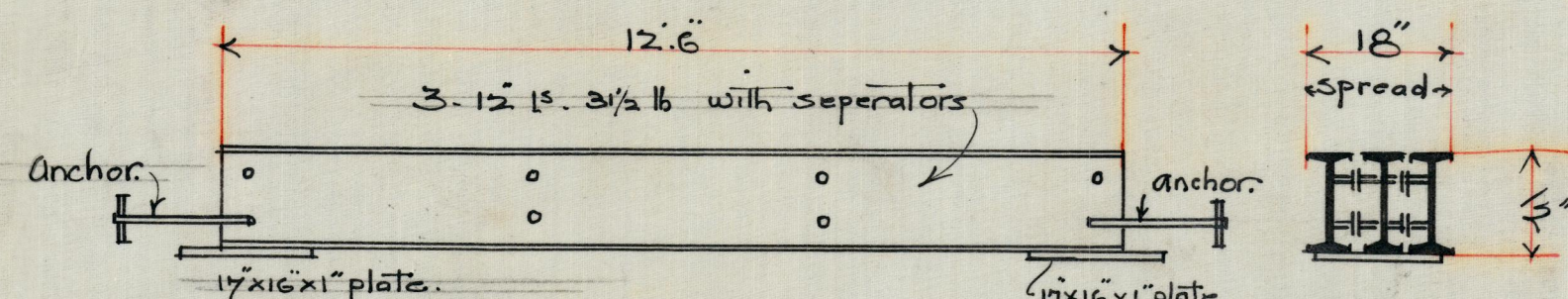
2 Hinged Vents like this
in area over Fuel Room
1 Ash Hole 2'0" Square: - same construction.
1 Coal " 18" x 20" not illuminated same "

SECTION OF VENTS.



GAS PIPE COILS & CONNECTIONS
AT STAIR PLATFORMS

See 1" scale detail for complete
construction.

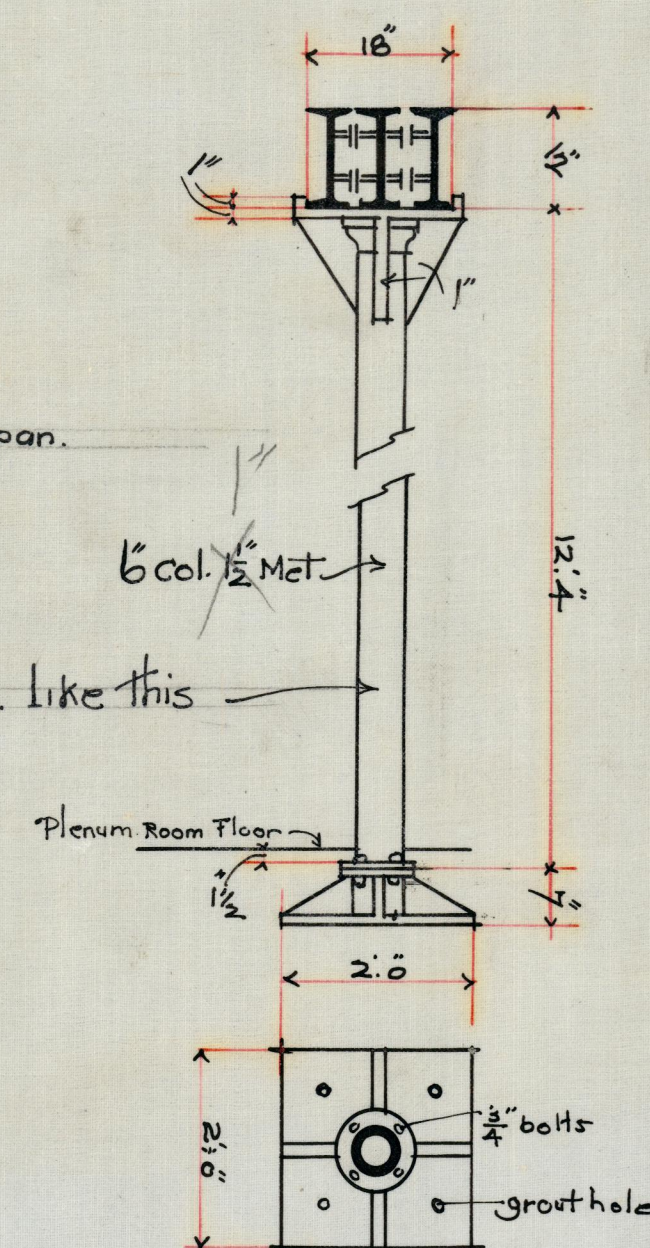


ELEVATION

SECTION

1. Beam Girder of 3-12-15 3 1/2 lbs 12'6" long - 18" spread. 17x16x1" C.I. plates.
- 1 " " " 3-12-15 3 1/2 lbs 26'0" " 18" " 21x21x1 1/2" C.I. plates - col in center of span.
- 1 " " " 3-7-15 11'0" " 18" " 21x18x1 " " "
- 1 " " " 3-12-15 11'6" " 18" " 17x16x1 " " "
- 1 " " " 2-8-18 15'0" " 12" " 12x14x1 " " "
- 1 Beam only " 1-8-18 15'6" " 12x14x1 " " "

All beam girders to have cast iron separators, & anchor at ends.



One Col. like this

