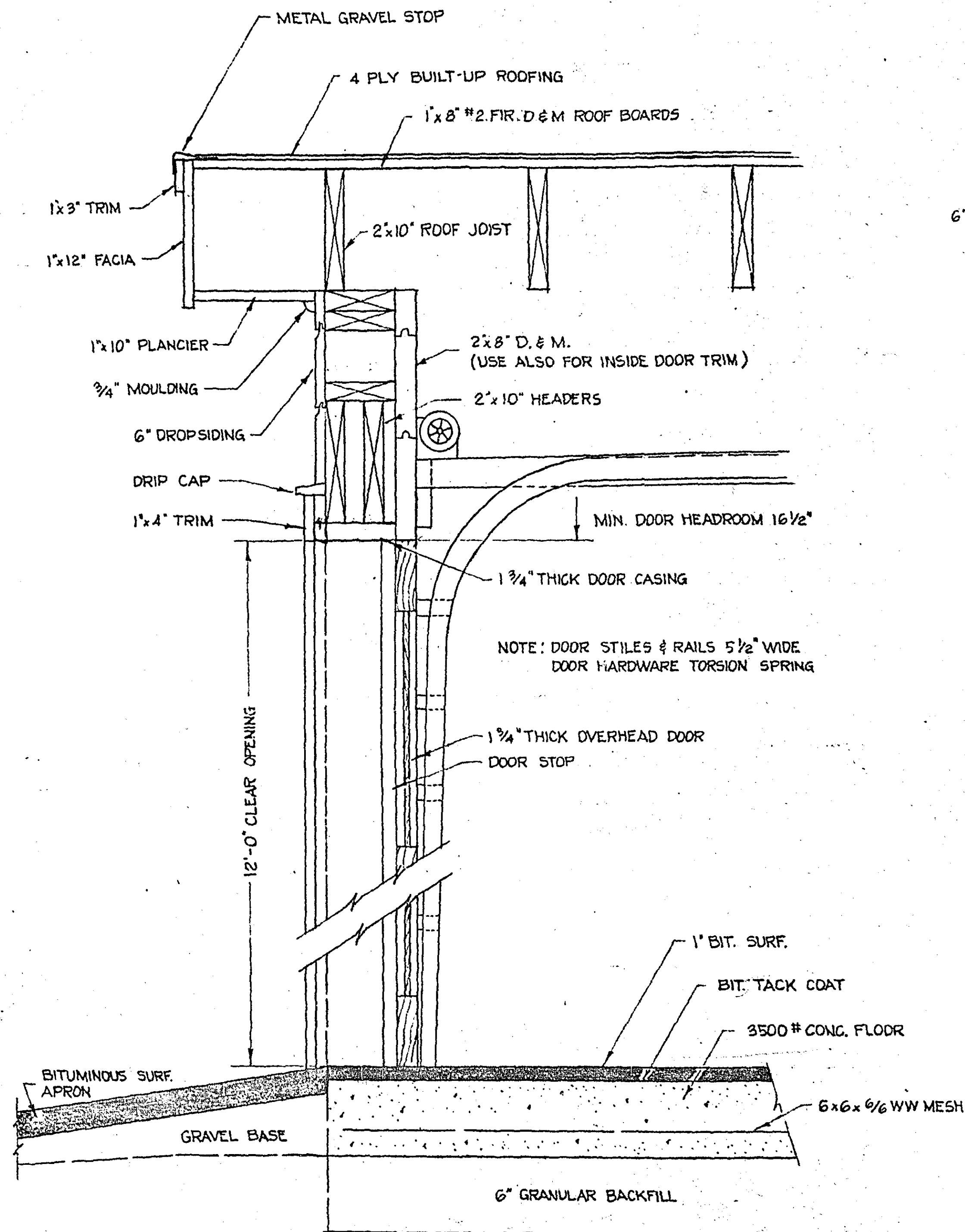
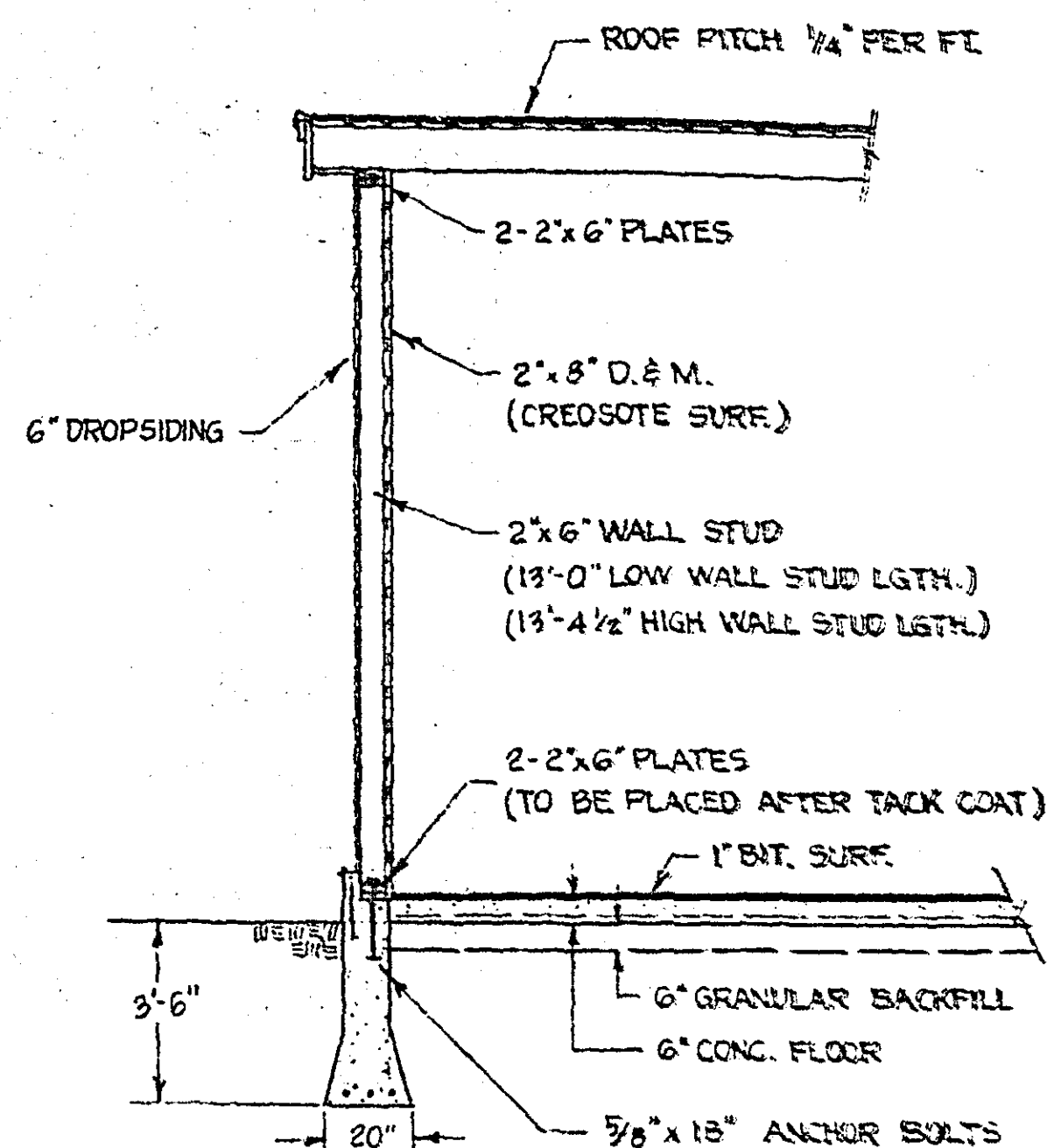


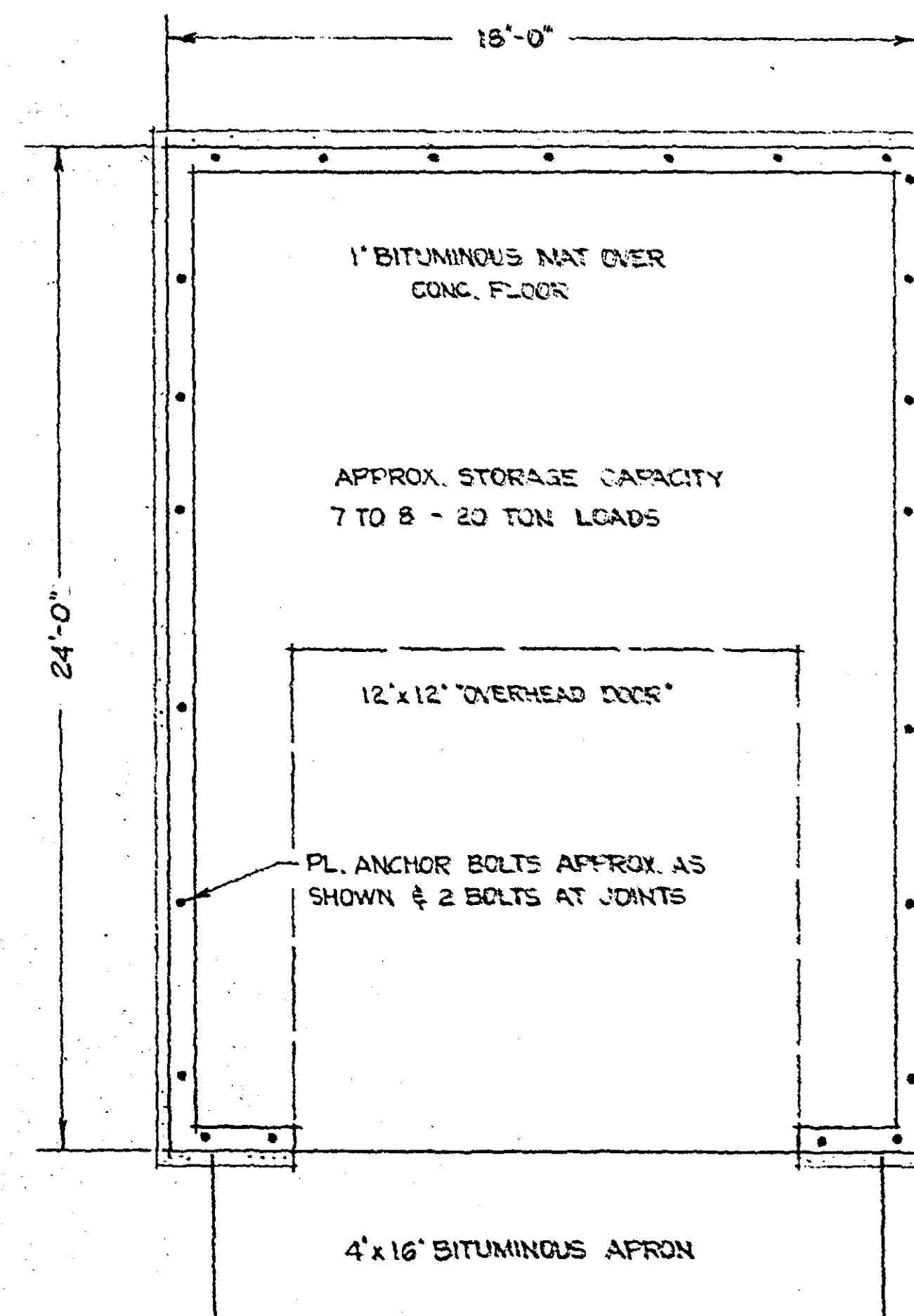


SECTION THRU WALL

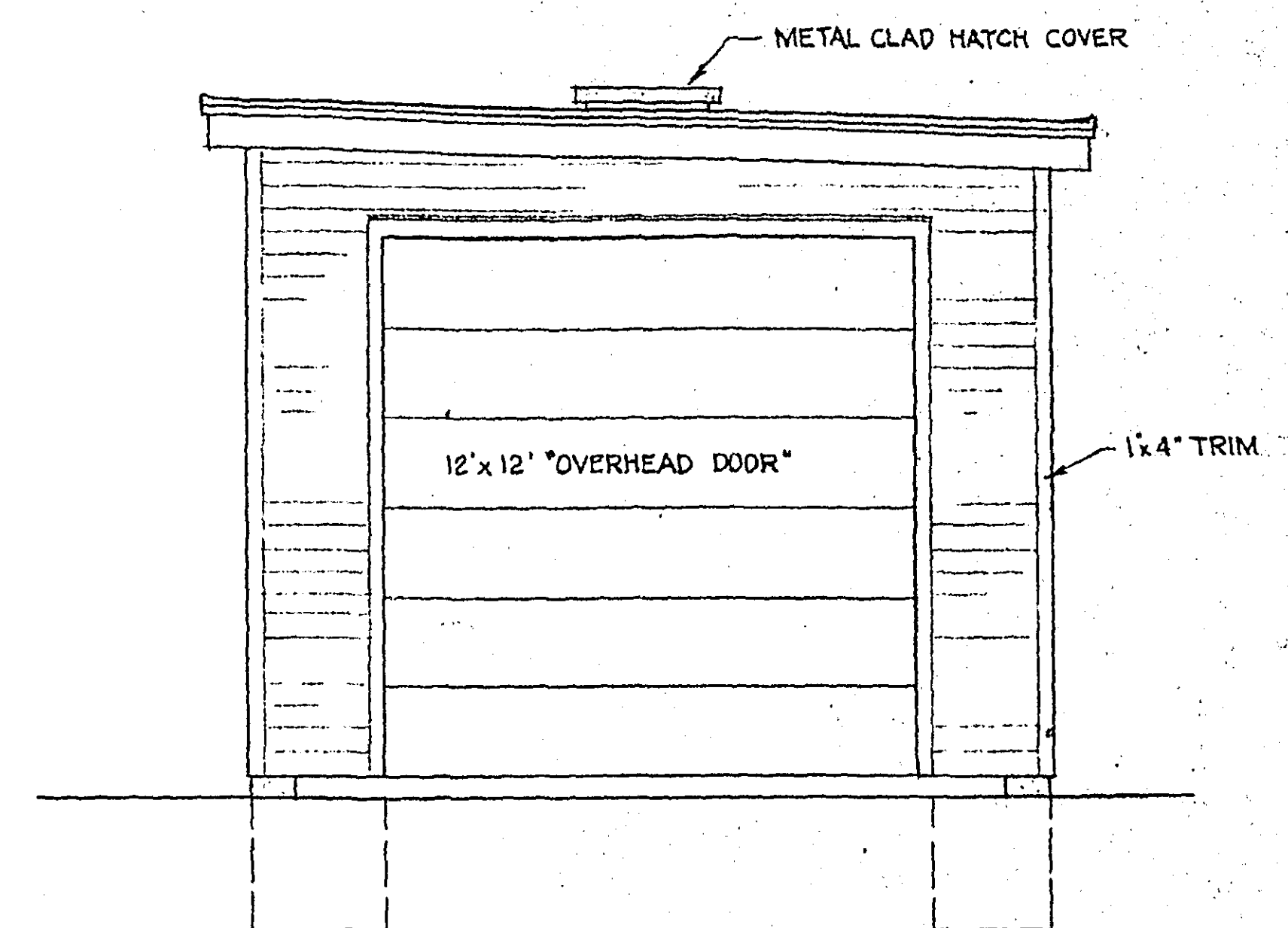
SCALE 1 1/2" = 1'-0"



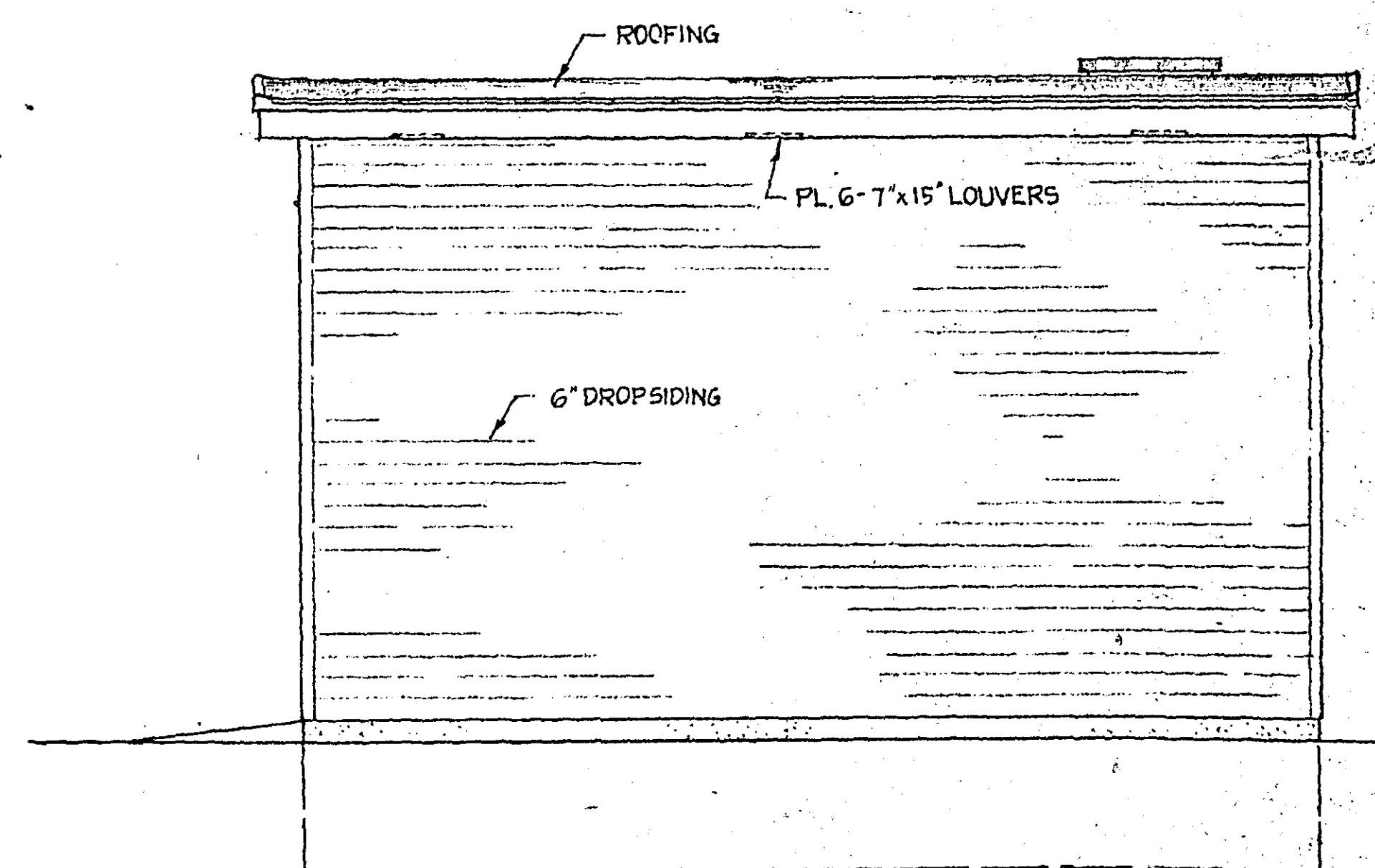
TYPICAL WALL SECTION



PLAN



FRONT ELEVATION



RIGHT SIDE ELEVATION

PROPOSED SALT SHED
FOR
RAMSEY COUNTY HIGHWAY DEPT.
SCALE 1/4" = 1'-0"

SHEET 1
MICROFILMED
RAMSEY CO. ENGR.
9-28-61
BY M.D.K.
59-108

ESTIMATE QUANTITIES

EXCAVATION:

Footings, 1.0' x 3.5'
1.0' x 3.5' x 71.3333' (net perimeter) equals 9.25 cu.yds.

Slab, Gravel Base 0.5' Thick
0.5' x 16.8333 x 22.8333 plus 0.5 x 12.0 x 0.5833 equals 7.25 cu.yds.

GRANULAR BACKFILL:

Slab,
0.5' x 17.0' x 23.0' plus 0.5' x 0.5' x 12' equals 7.35 cu.yds.

Apron,
16.0 x 4.0 x 0.25 equals 0.59 cu.yds.

CONCRETE:

71.3333' x 1.0' x 4.125' equals 10.898 cu.yds. (Footings)

7.35 cu.yds. (Floor)

PIT. SURF:

17.0 x 23.0 plus 0.5' x 12' equals 44.11 sq.yds. x 100# per sq.yd. equals 2.21 Tons Mixture

Tack Coat equals 24' x 18' equals 48 sq.yds. @ 0.05 gal. per sq.yd. equals 2.40 Gal.

4' x 16' equals 7.11 sq.yds. x 200# per sq.yd equals 0.71 Tons Mixture (Apron)

7.11 x 0.3 gal. per sq.yd. equals 2.13 gal. Oil (Apron) Prime Coat

STEEL:

Floor Mesh (6 x 6 x 6/6)
44.11 sq.yds. x 9 equals 396.99 sq.ft.
397 divided by 750 equals 0.52 rolls

3/8" ϕ , Bars
3 x 18.33' (Argilgth.) equals 54.99 lin.ft.

6 x 24.33' " " equals 145.98 " "

6 x 3.167' " " equals 19.00 " "

9.00 " " (Bar Lap)

228.97 Lin.Ft. x 0.376# /lf equals 86.09#

1/2" ϕ , Bars

2 x 24.33' equals 48.66 L.F.

2 x 3.167 equals 6.33 " "

1 x 18.33 equals 18.33 " "

73.32 plus 3' Lap equals 76.32' x 0.668#/lf equals 50.98#

5/8" ϕ

56 dowels @ 1.0' long equals 56.0' x 1.043#/lf equals 58.41#

ROOFING, 4 PLY-BUILT UP

10' x 26' equals 520 sq.ft. 520 - 7.78 equals 612.2 sq.ft. equals 5.12 squares

2.79' x 2.79' equals 7.78 sq.ft. (out)

OVERHEAD DOOR:

12' x 12' Door

SHEETMETAL:

28 gauge sheet metal for Flashing and Hatch Cover

PAINT AND CREOSOTE:

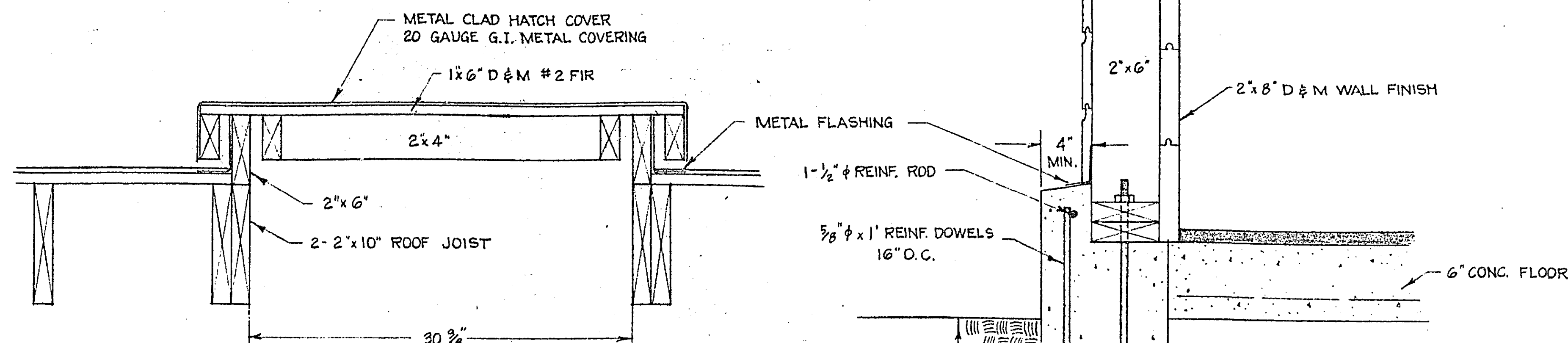
3 gals. White Primer

3 gals. Outside White

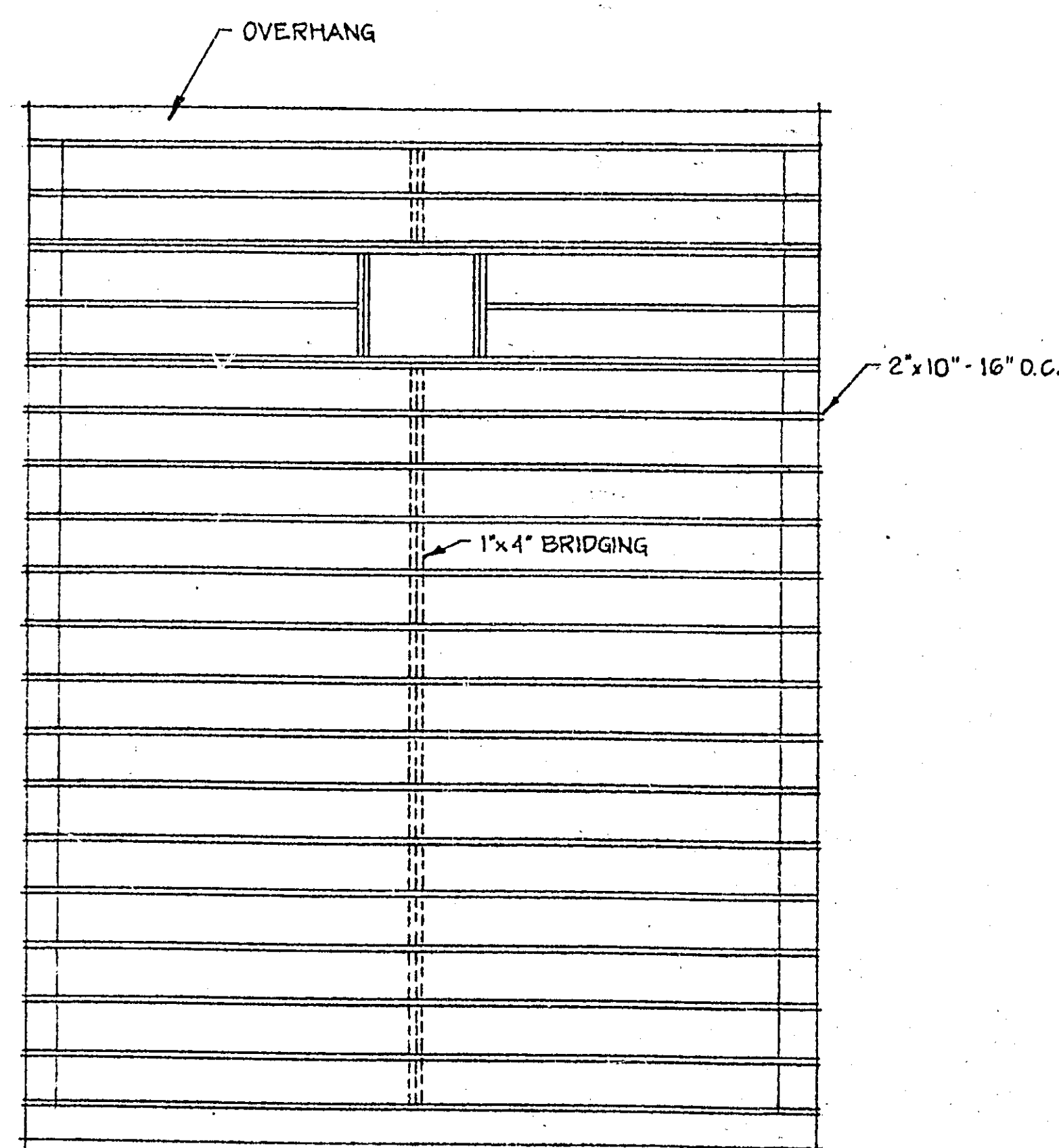
2 gals. Creosote

LUMBER AND HARDWARE:

See separate sheet

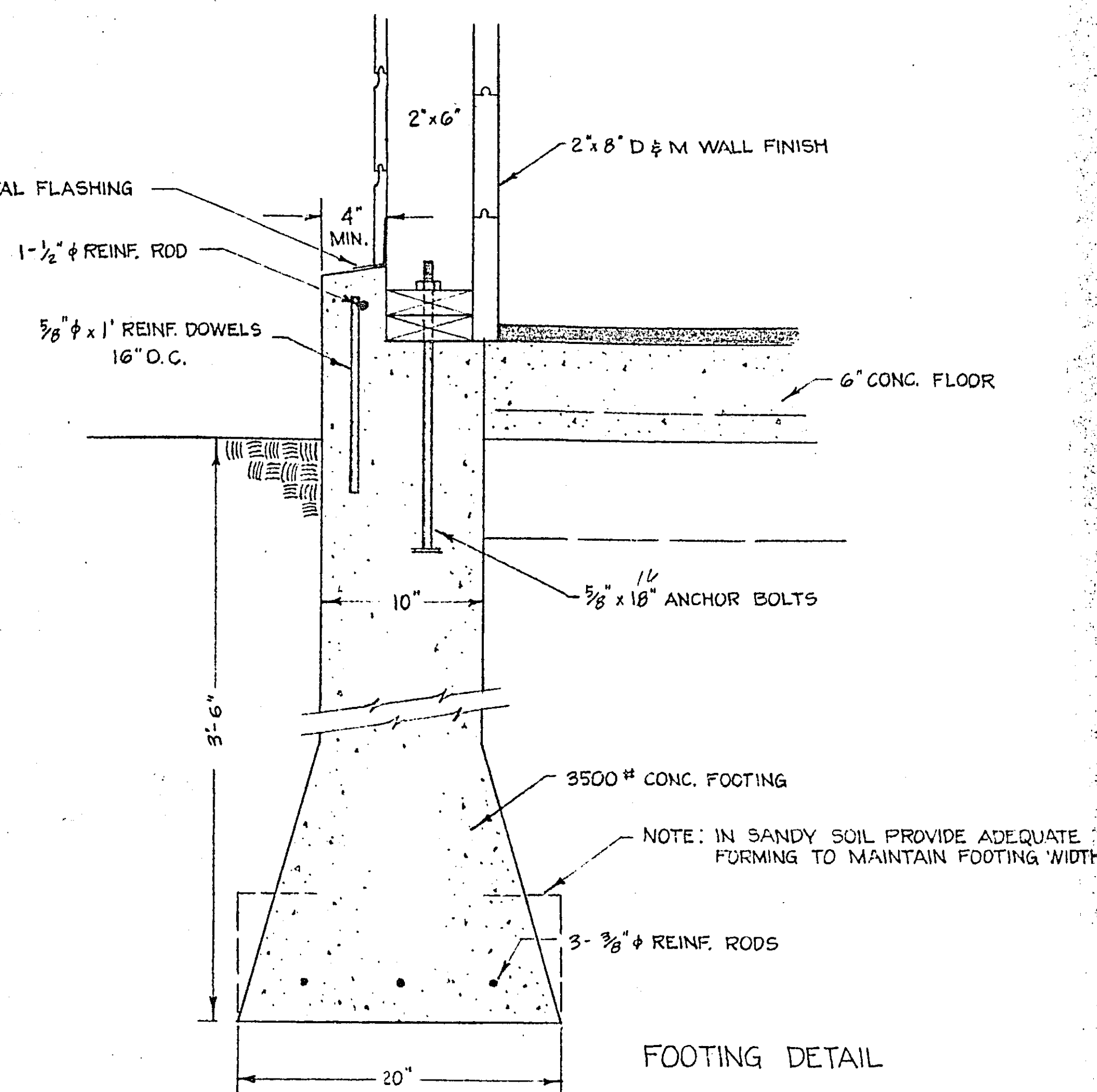


HATCH COVER DETAIL

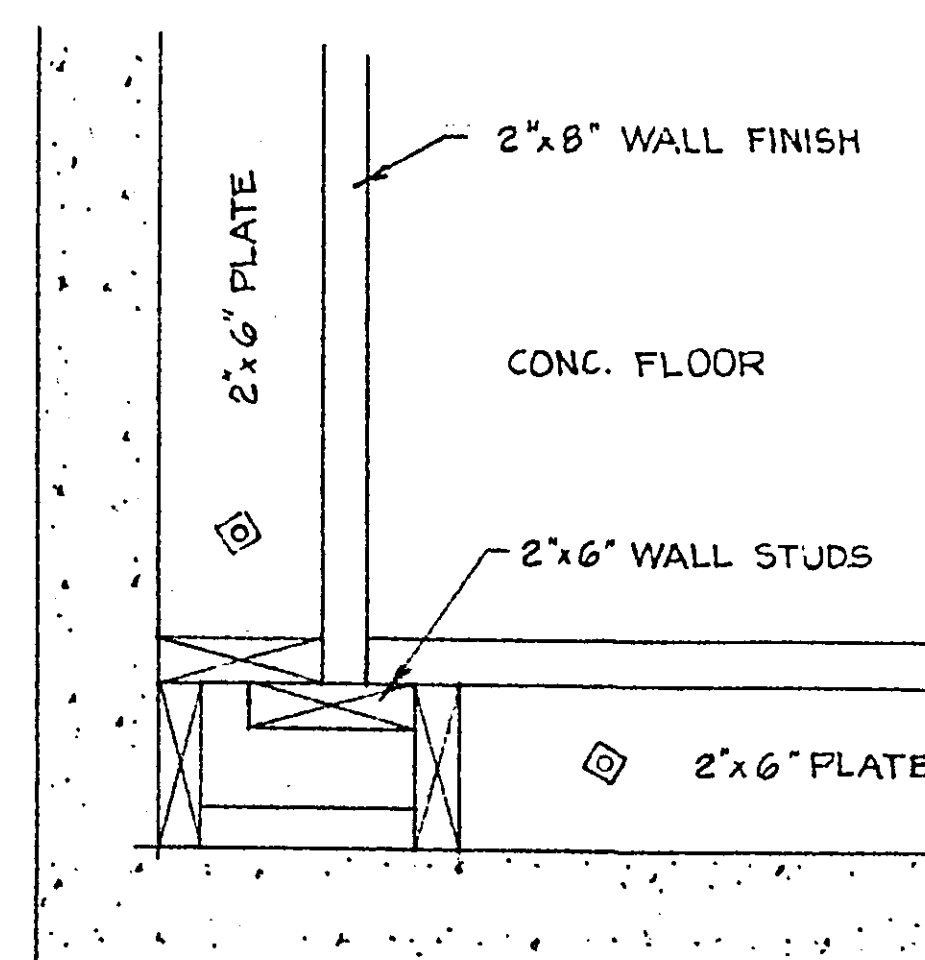


ROOF FRAMING PLAN

SCALE 1/4" = 1'-0"



FOOTING DETAIL



CORNER FRAMING DETAIL

PROPOSED SALT SHED

FOR

RAMSEY COUNTY HIGHWAY DEPT.

SCALE 1 1/2" = 1'-0"

SHEET 2
MICROFILMED
RAMSEY CO. ENGR.

BY M.D.K.

59-108