

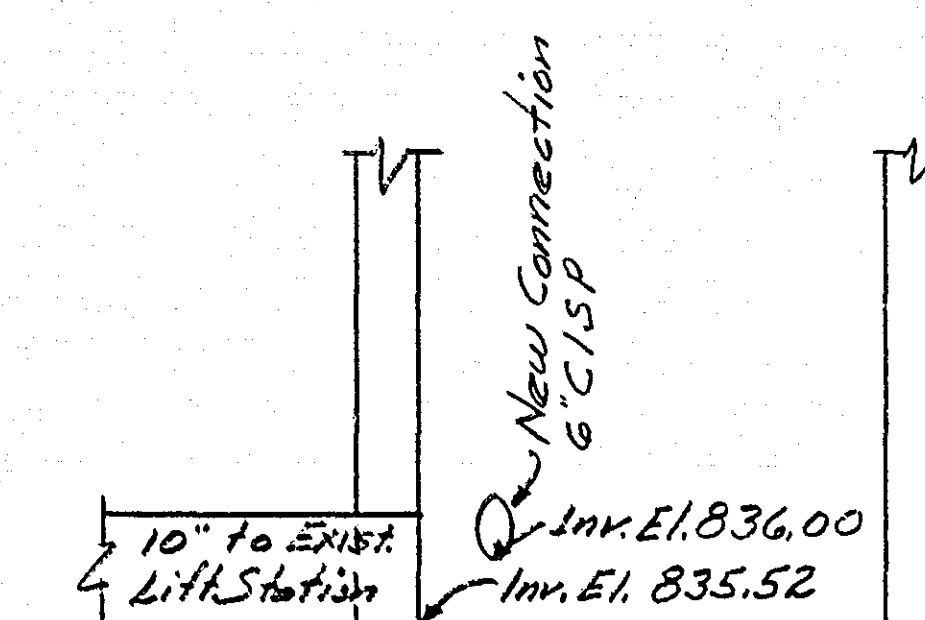
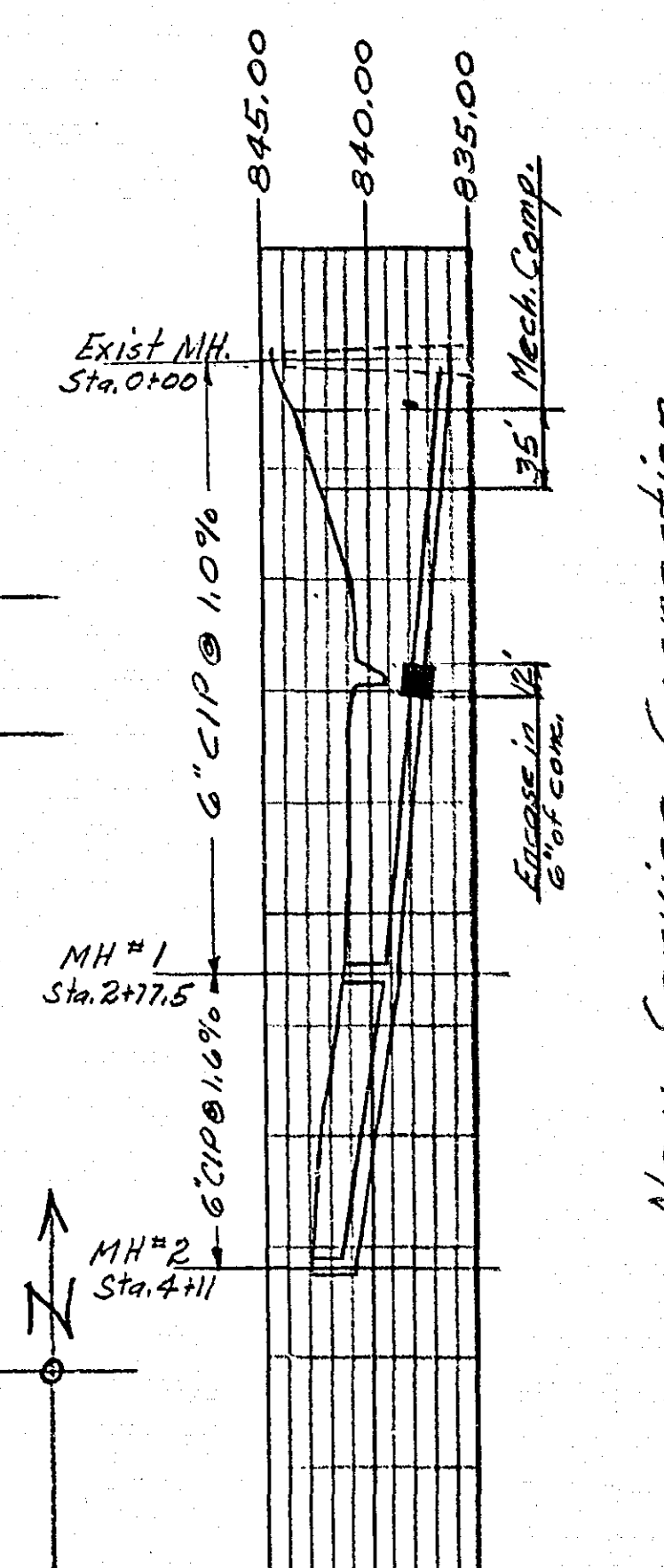
OFFICE OF
RAMSEY COUNTY ENGINEER
DEANE R. ANGLAN

SANITARY SEWER CONNECTION
MCCARRON'S BEACH BATH HOUSE
APRIL 18, 1961

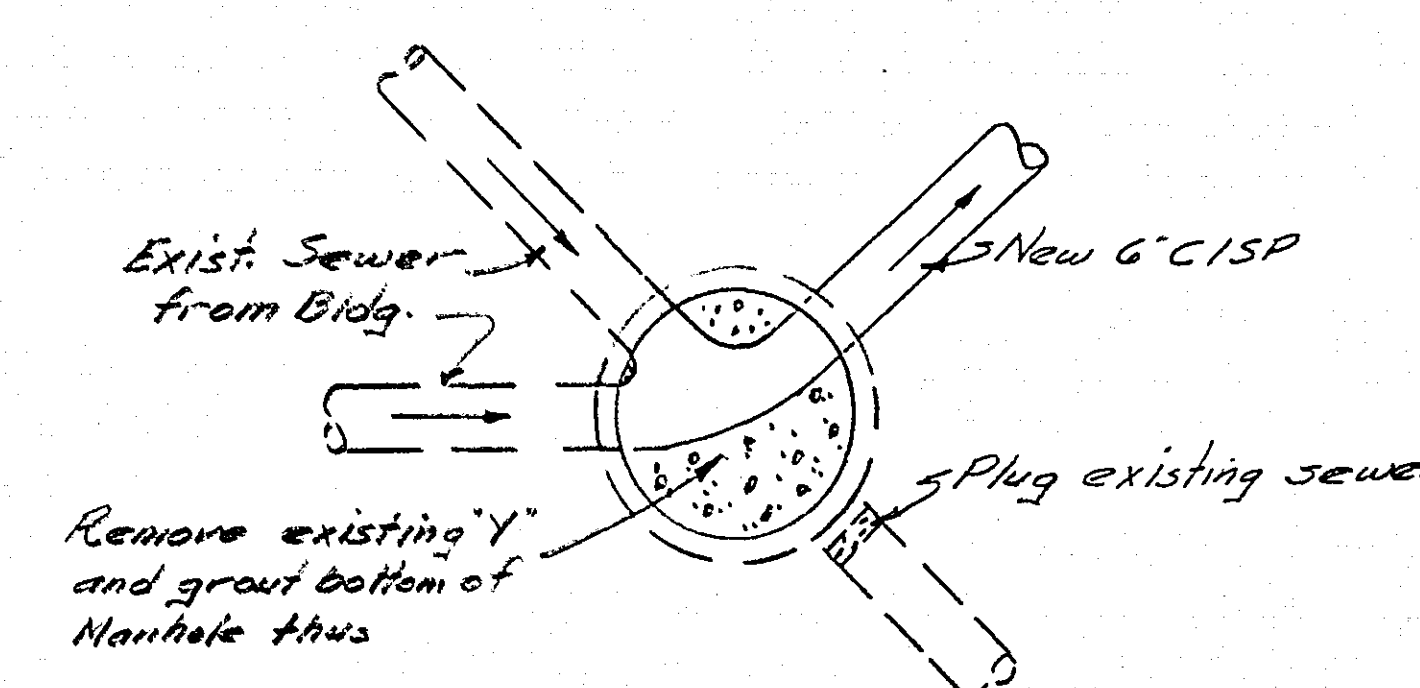
B.M. Floor of Bldg. El. 843.70

NOTE:
Cast iron soil pipe; shall be 6" in size and extra heavy weight.
Joints; the Contractor shall use "Sealite" yarn and "Kalkite" or equal, cold trowled material.
Replacement of Sod; the Contractor shall replace all sod and topsoil removed or damaged during construction see Specifications.
Replacement of Ditch; the ditch bottom incl. rip rap shall be restored to its original contour and grade.
Compacted Backfill; the depth of layers shall be one foot with sufficient compaction to provide a Standard Proctor Density of 85% for all material between the pipe zone and the top 2 ft. of trench. The top 2 ft. including the top one ft. of crushed pitrun gravel hauled in, shall be compacted to a Standard Proctor Density of 95%.
Blacktop; the blacktop surfaces are to be replaced by Owner.

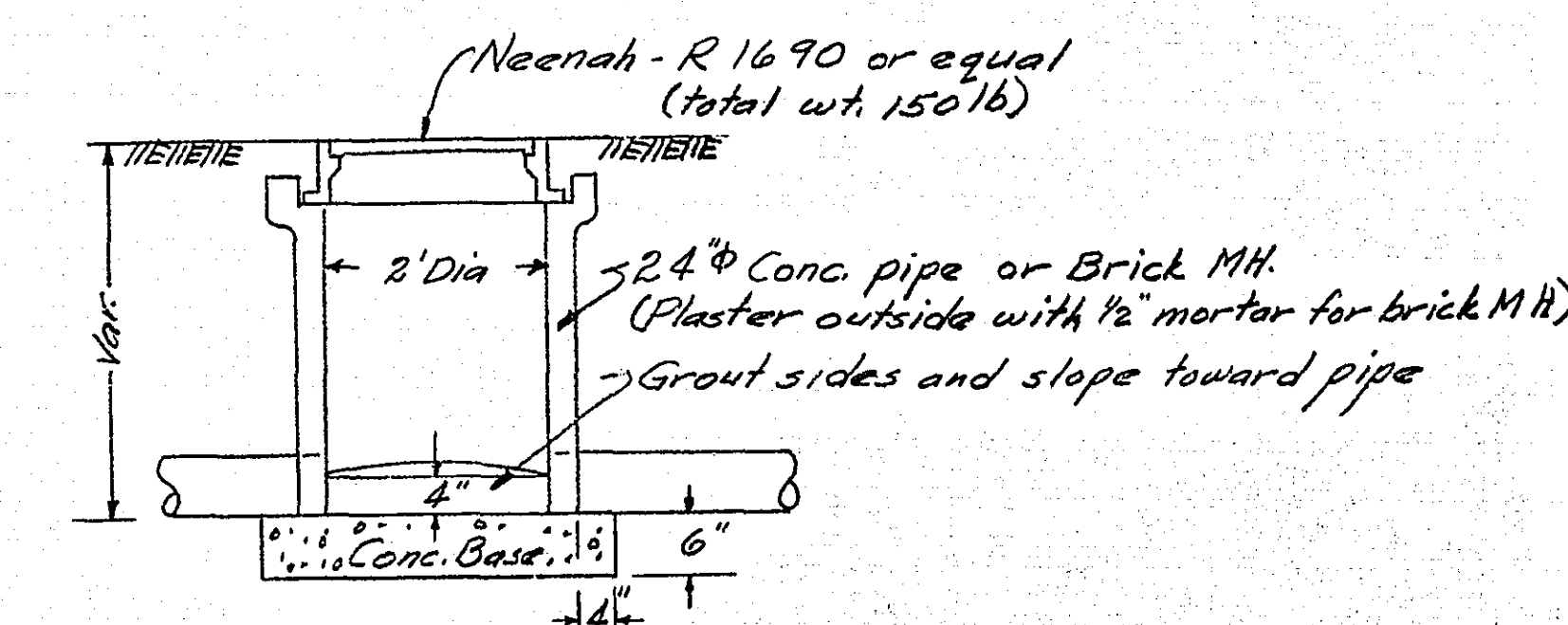
ESTIMATED QUANTITIES
411 Lin. Ft. of 6" C.I.S.P. - Ex.H. in place.
2 Ea. Manholes complete incl. frame and cover
1 Ea. Connection to exist. service at Sta 0+00
1 Ea. Connection to exist. manhole at Sta 0+00
0.25 Cu yd. conc. for encasing
10 Cu yd. crushed pitrun gravel
370 Lin. Ft. trench to be resodded incl. topsoil.



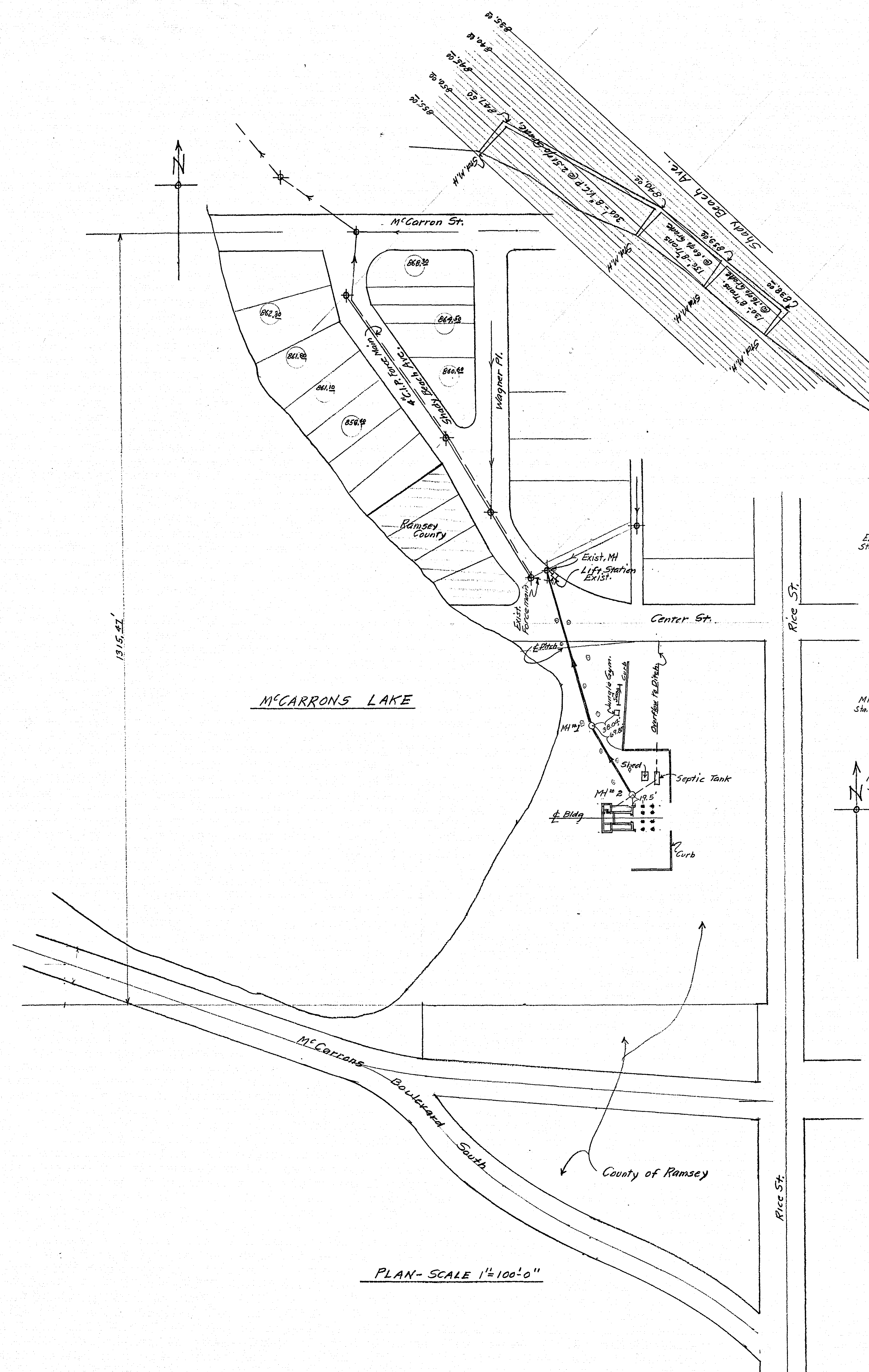
Sta. 0+00 - Cut in to Existing Manhole
No Scale



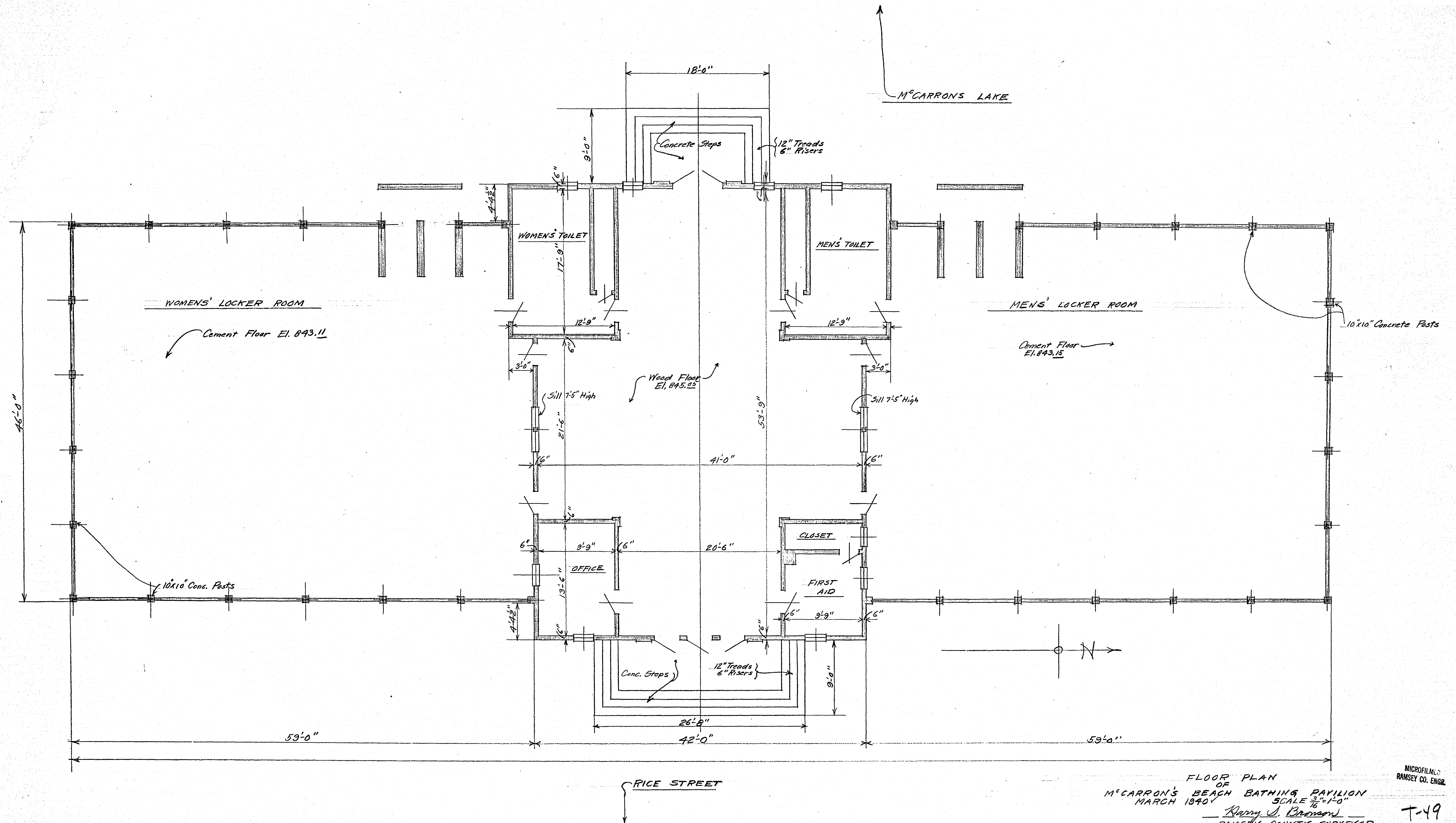
Sta. 4+11 - Cut in to Existing Sewer
No Scale

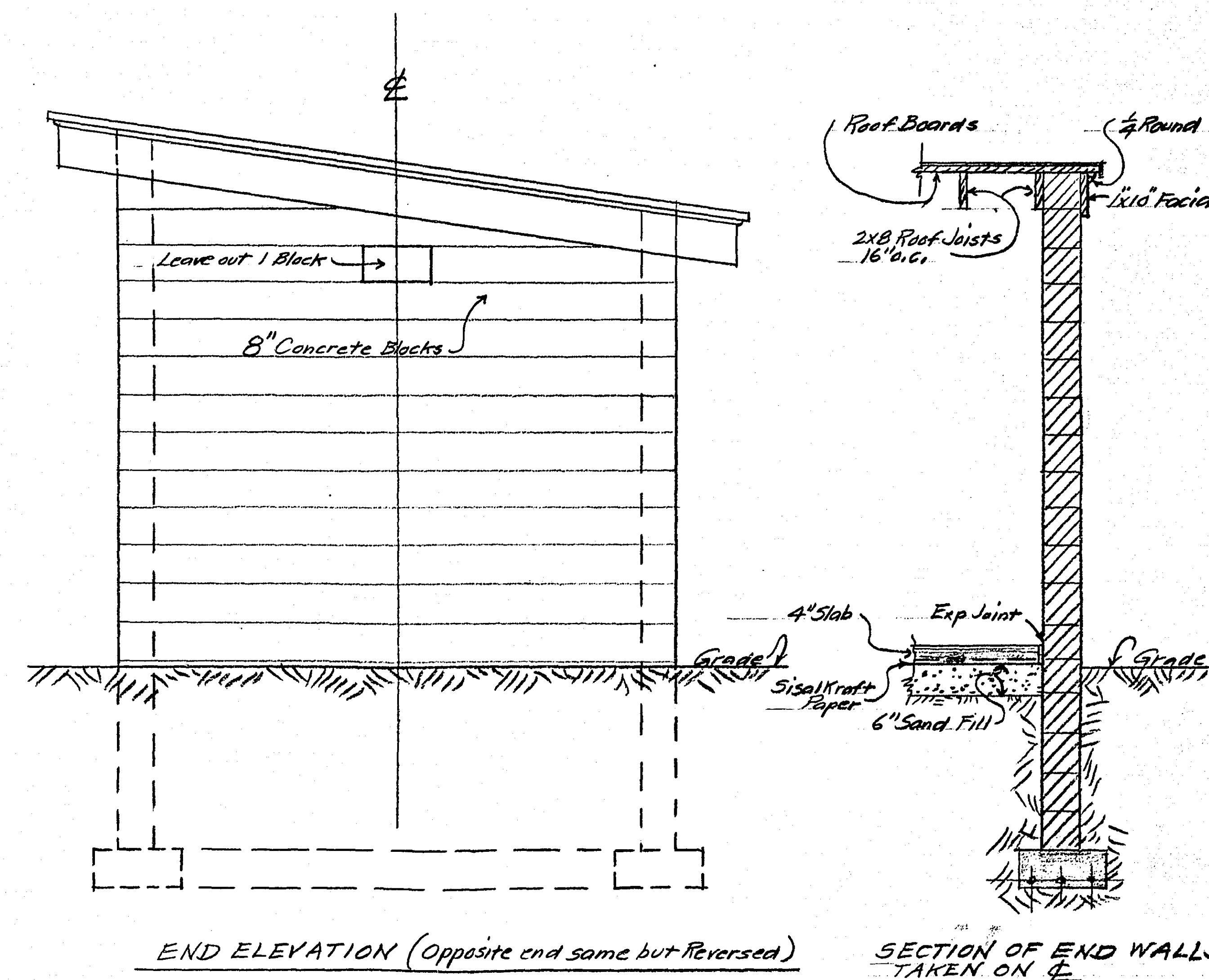
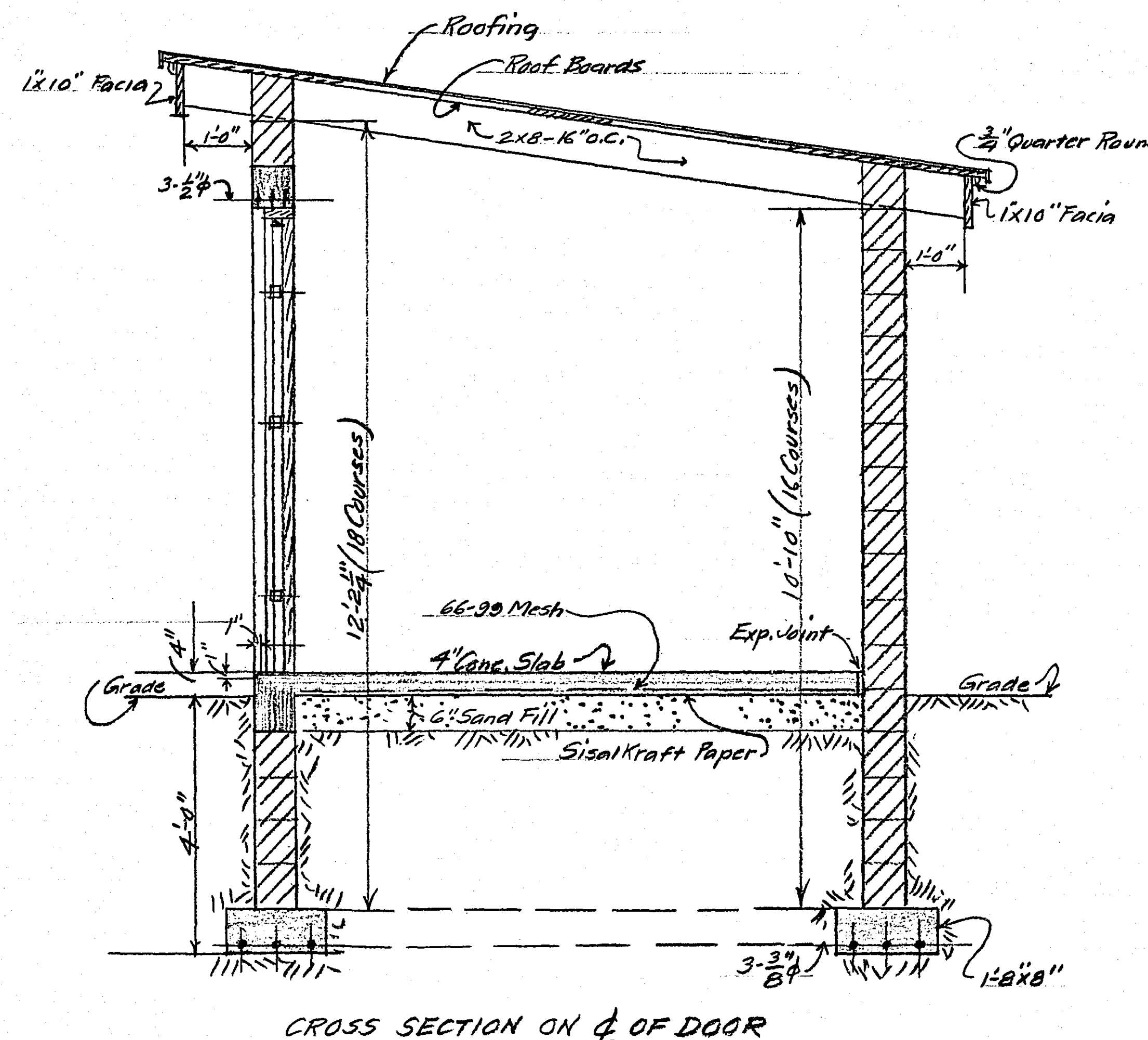
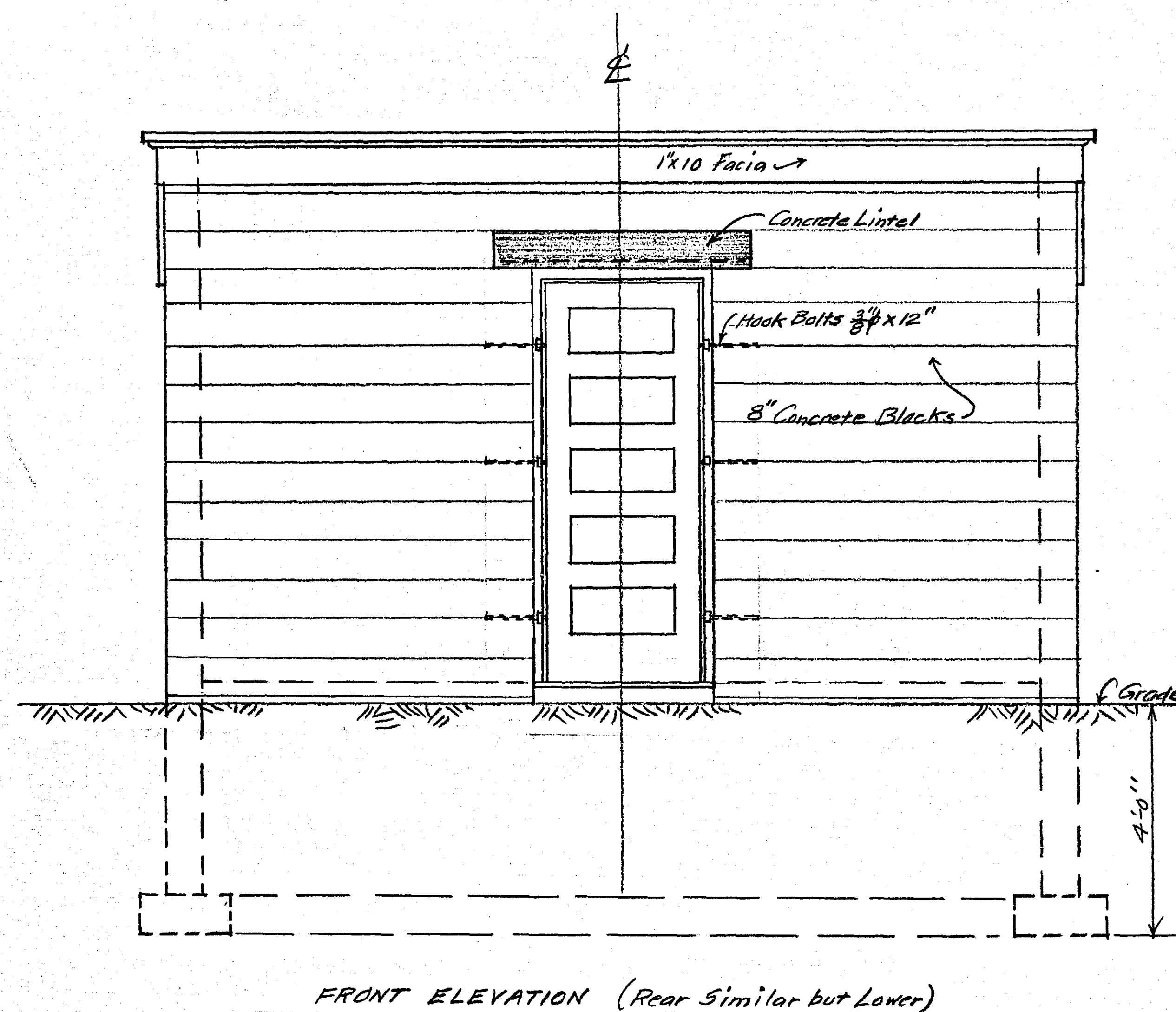
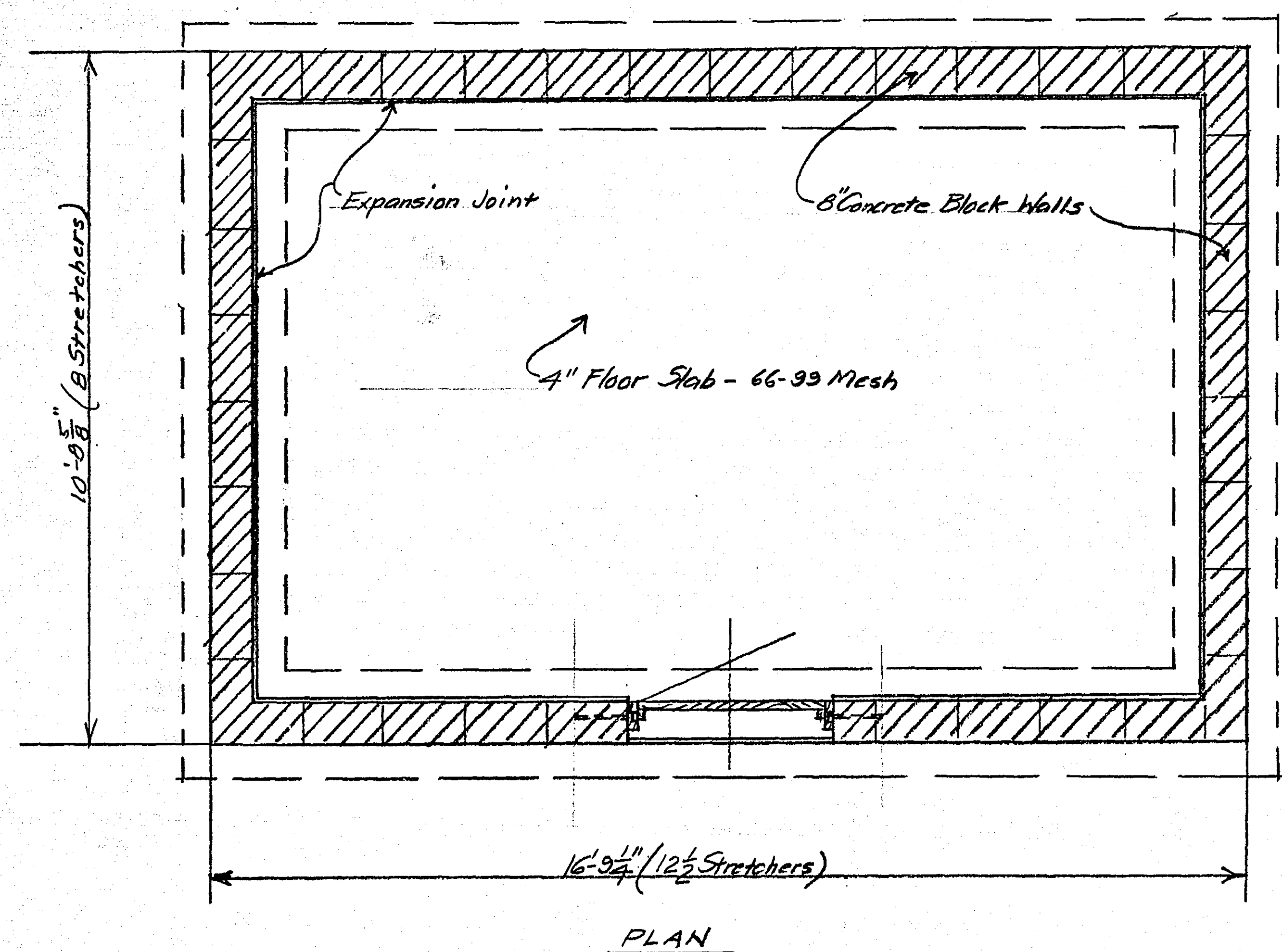


Manhole Detail
No Scale



PLAN - SCALE 1"=100'-0"





Specifications

Location: County Engineer will stake out building. Site is on the west side of Rice St. immediately north of South M^cCarroll's Boulevard.

Excavation and Backfill: Excavate to depths shown and after footings and walls have set up, back-fill and tamp. Replace sod around building. Dispose of excess dirt on site where directed by County Engineer.

Concrete: Build Footings, Floor Slab and Door Lintel as shown. Mix for Floor Slab and Lintel to be 1:2:4. Mix of footings to be 1:3:5. Footings to be 1'-8" x 8" reinforced with 3-#4 longitudinal reinforcing bars. Lintel to be 8" x 7 1/2" reinforced with 3-#4 straight reinforcing bars and have 8" end bearings. Floor Slab to be 4" thick, reinforced with 66-99 steel wire mesh. Provide 6" sand fill on top of which place one layer of well lapped Sisal Kraft Paper, then pour slab on paper. Surface of Floor Slab to have traveled finish. Where slab comes in contact with walls, install Celotex Flexcel Expansion Joint.

Concrete Blocks: Blocks to be 8" x 15 1/2" x 7 1/2" units laid up with 3/8" horizontal and vertical full bed joints. Joints to be flush both sides. Blocks will meet all requirements of Village of Roseville. Mortar to be 1 Part of Lime Spar or equal Masonry Cement to 3 parts of damp, loose mortar sand. Walls will extend up to bottom of roof boards and, at top of walls, concrete brick may be used to compensate for roof pitch and admission of roof joists. Leave one opening where shown at each end by eliminating one concrete block; this for ventilation. (Fill upper and lower blocks of opening with concrete)

Lumber: Roof Joists to be 2'x8" - 16" o.c. #1 Fir. Facia Boards to be 1'x10" - #1 Fir. Quarter Round to be 3/4" #1 Fir. Roof Boards to be 1'x6" - 24" M. #2 Fir. Inserted into mortar joints. Heads of bolts to be countersunk into surface of side members of frame. Provide 1/2" #1 Fir Door Steps.

Door: Door to be 3'-0" x 7'-0" 1/2" Fir or Pine Stock Door, 46.5 Panel swing as shown.

Roofing: Apply to Roof Boards mineral surfaced rolled roofing weighing 90# per square, well lapped and nailed. Carry roofing down over edges of roof boards.

Hardware: Door to be equipped with one #4257 Sargent Rim Night Latch, dull brass finish, key operated from outside. Furnish 3 Keys. Door to have three 4x4 butt hinges (Sargent #2410), dull brass finish.

Painting: There will be no painting of Roof Joists either inside or outside. No painting of bottom of roof boards inside or outside. Paint door and door frame also facia board and quarter round. Prime with Pittsburgh First Coater reduced with 1 quart of turpentine per gallon and, when this is dry apply 1 coat of Pittsburgh Sun Proof Paint, pore grey in color.

Permit: Take out necessary Building Permit from Building Inspector, Village of Roseville.

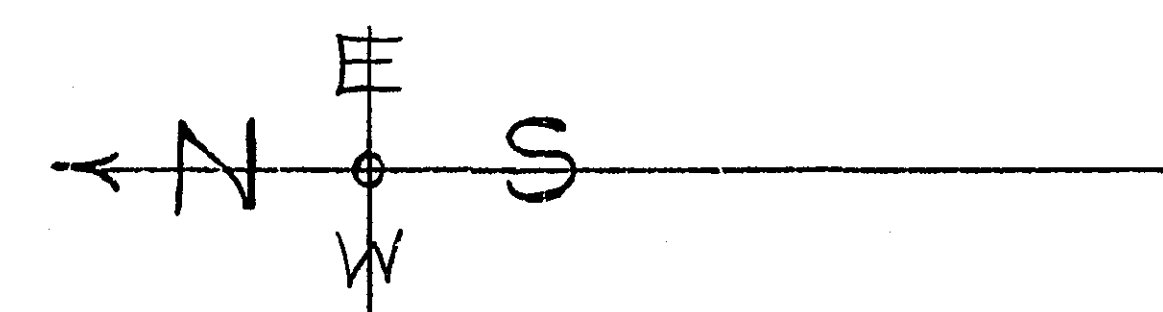
Insurance: Contractor will carry all types of insurance necessary to save Ramsey County harmless in case of lawsuits resulting from accidents to Contractor's employees, County employees or the public, such accidents being incidental to Contractor's activities on this operation.

Note: Contractor will remove all debris and leave premises clean. Building will be left broom clean. It is the intent of Plan and this specification to produce a complete, finished building and any errors or omissions therein will not excuse Contractor from doing work which should be done from a self evident standpoint.

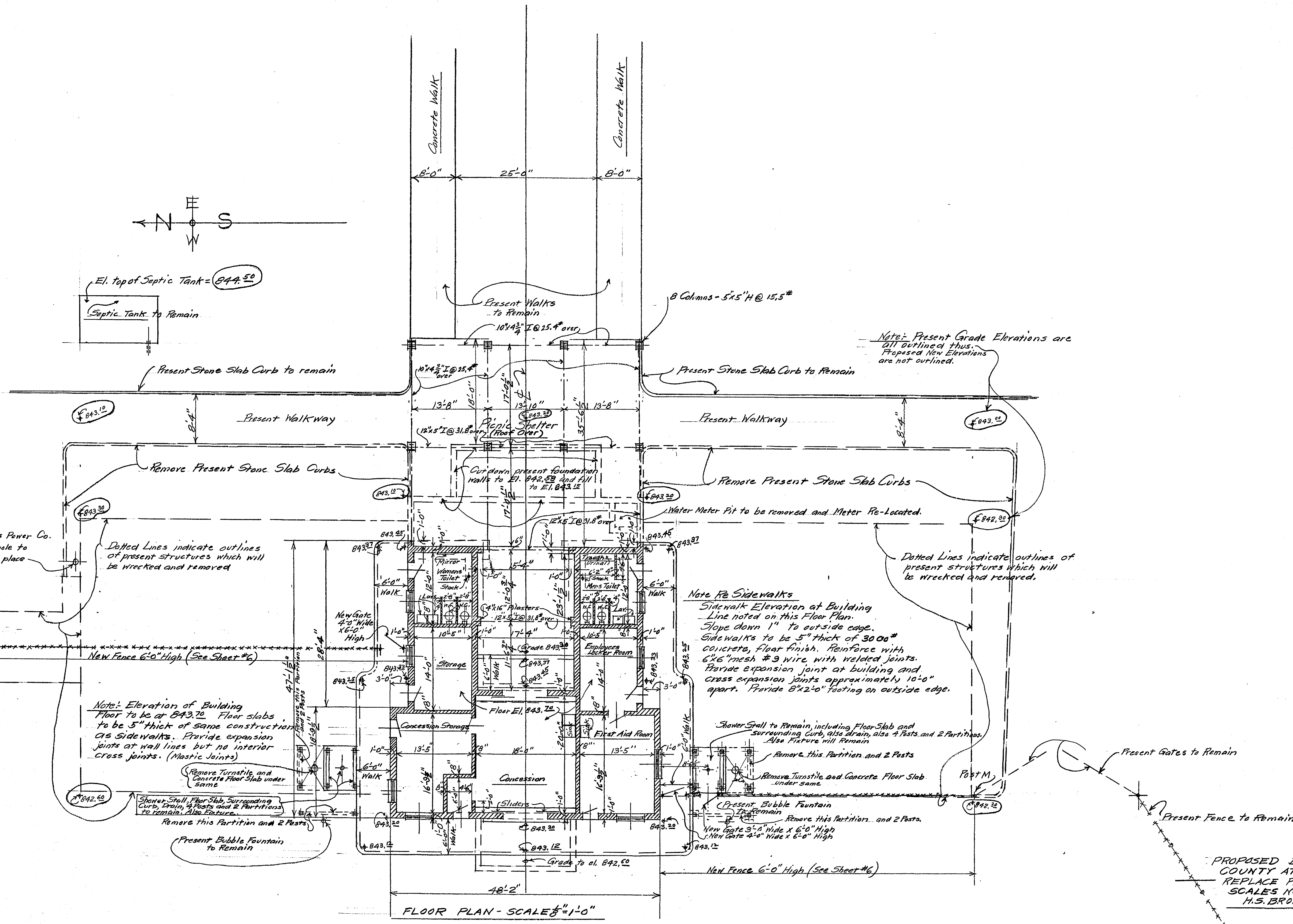
PROPOSED STORAGE BUILDING FOR M^cCARRONS BEACH
 RAMSEY COUNTY, MINN.
 SCALES 3/4" = 1'-0"
 OFFICE OF COUNTY ENGINEER
 Barry J. Brannon
 County Engineer, Del. - Sept. 1956

MICROFILMED
 RAMSEY CO. ENGR.

T-49



El. top of Septic Tank = 844.50
Septic Tank to Remain



Note: Present Grade Elevations are all outlined thus. Proposed New Elevations are not outlined.

Note Re Sidewalks
Sidewalk Elevation at Building Line noted on this Floor Plan.
Slope down 1" to outside edge.
Sidewalks to be 5" thick of 3000# concrete, floor finish. Reinforce with 6"x6" mesh #3 wire with welded joints. Provide expansion joint at building and cross expansion joints approximately 10'-0" apart. Provide 8"x2'-0" footing on outside edge.

Note: Elevation of Building Floor to be at 843.70. Floor slabs to be 5" thick of same construction as sidewalks. Provide expansion joints at wall lines but no interior cross joints. (Mastic Joints)

Remove Turnstile and Concrete Floor Slab under same.

Shower Stall, Floor Slab, Surrounding Curb, Drain, 4 Posts and 2 Partitions to remain. Also Fixture.

Remove this Partition and 2 Posts.

Present Bubble Fountain to Remain

Shower Stall to Remain, including Floor Slab and Surrounding Curb, also drain, also 4 Posts and 2 Partitions. Also Fixture will Remain.

Remove this Partition and 2 Posts.

Remove Turnstile and Concrete Floor Slab under same.

Present Bubble Fountain to Remain

Remove this Partition and 2 Posts.

New Gate 3'-0" Wide x 6'-0" High

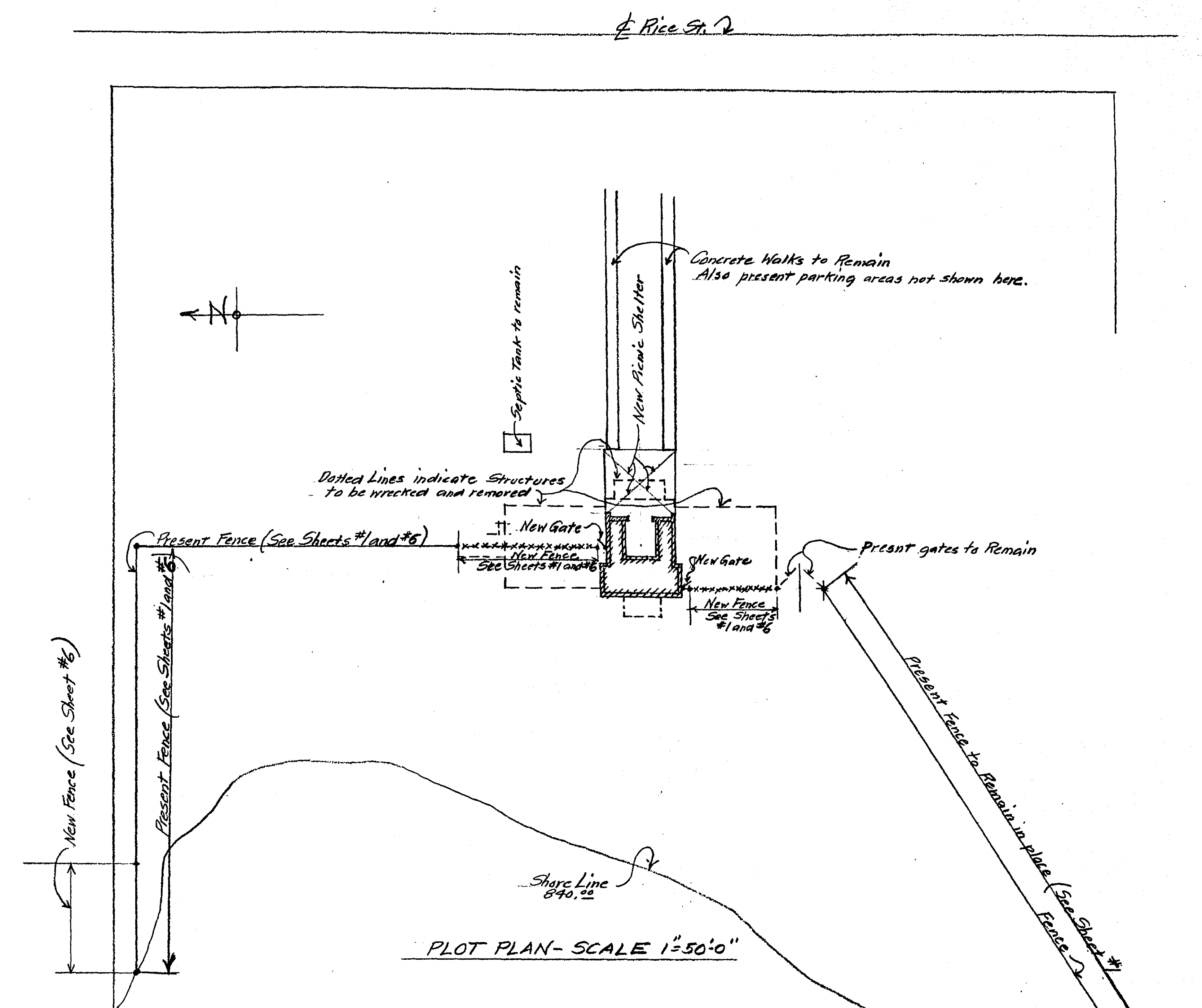
New Gate 4'-0" Wide x 6'-0" High

PROPOSED BATH HOUSE FOR RAMSEY COUNTY AT McCARRONS LAKE TO REPLACE PRESENT STRUCTURE
SCALE NOTED
OCTOBER 1953
H.S. BRONSON - COUNTY ENGINEER

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
HARRY A. BRONSON
DATE: 10/14/53 REG. NO. 818

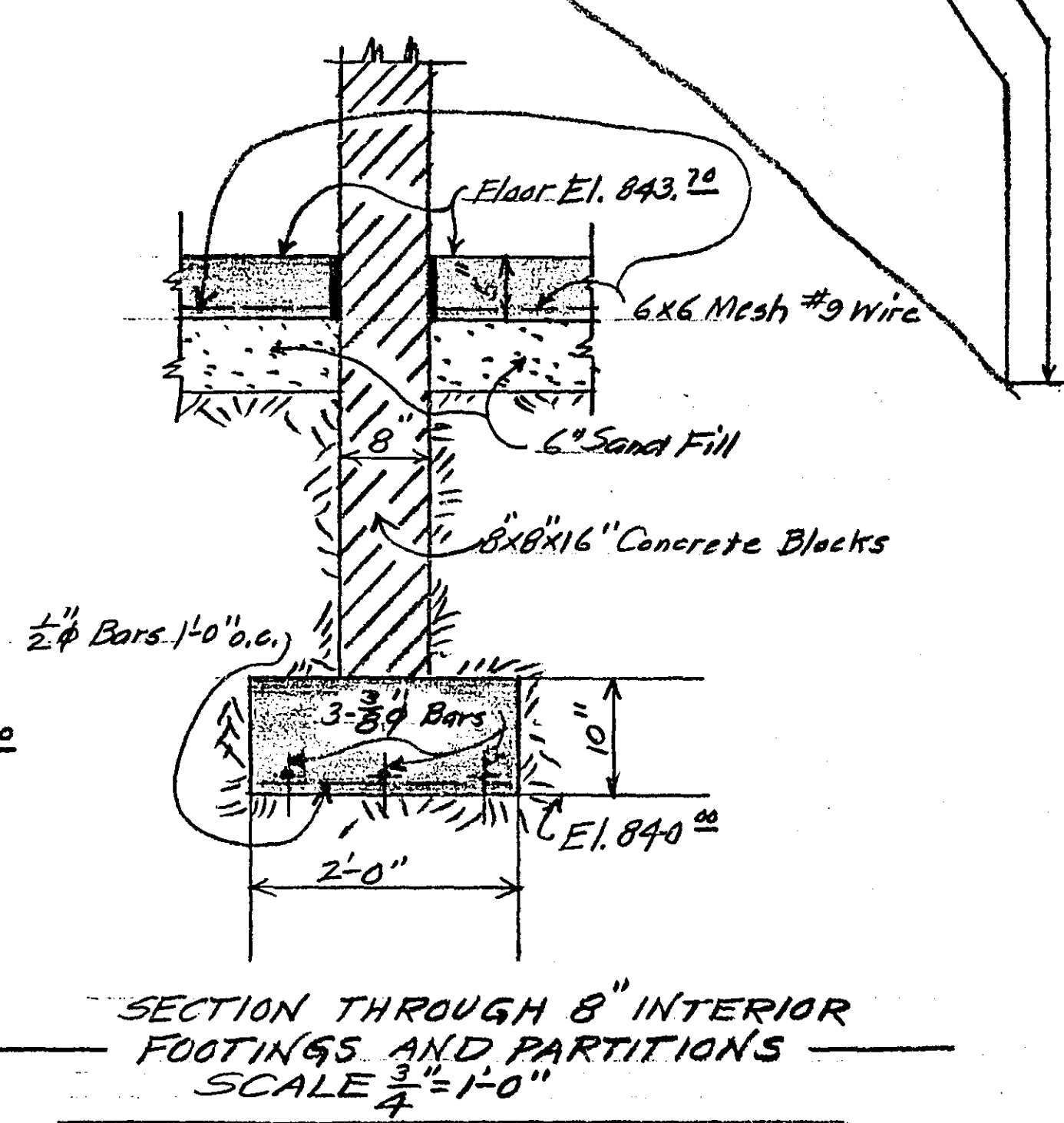
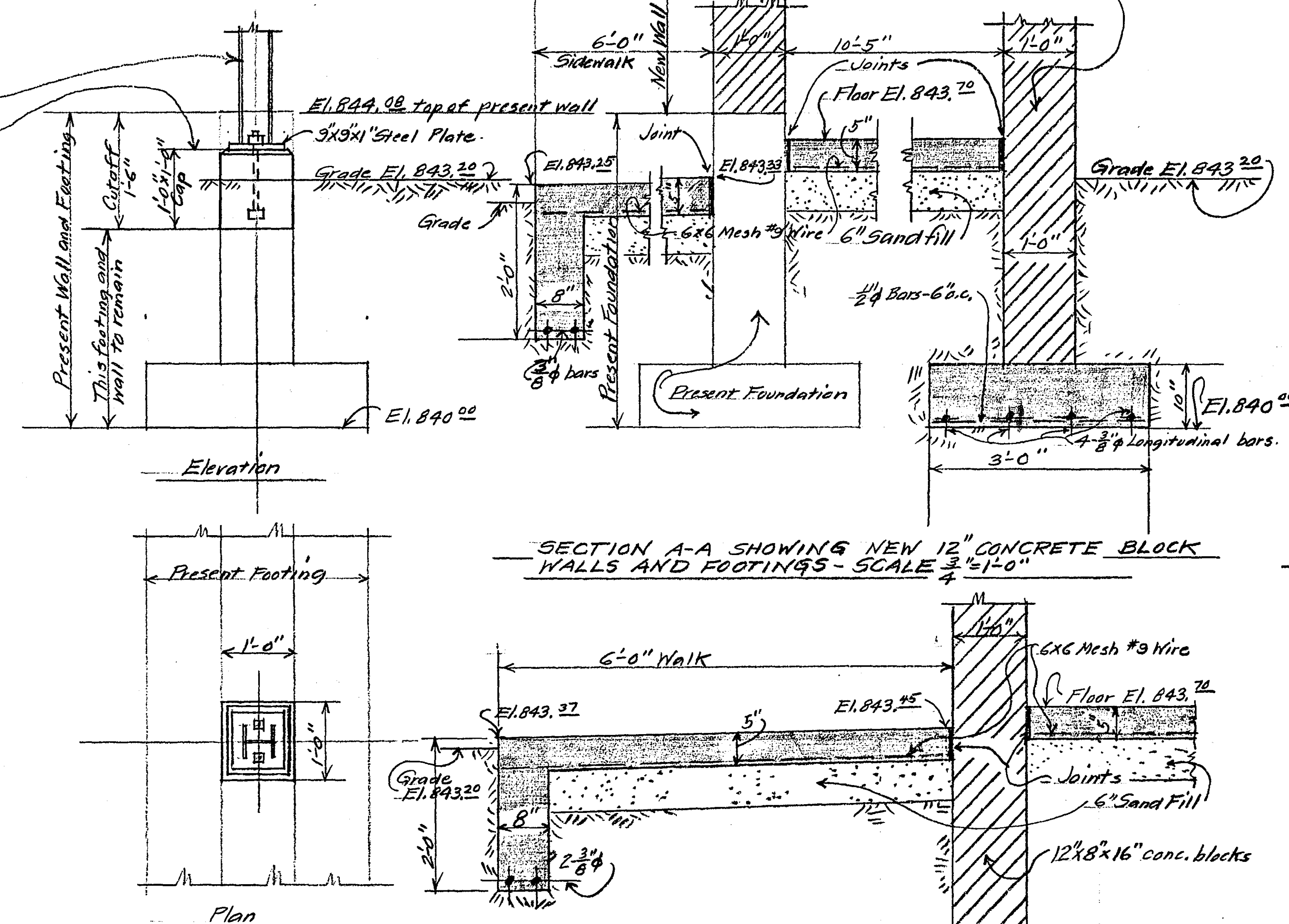
MICROFILMED
RAMSEY CO. ENGR.

Sheet #1



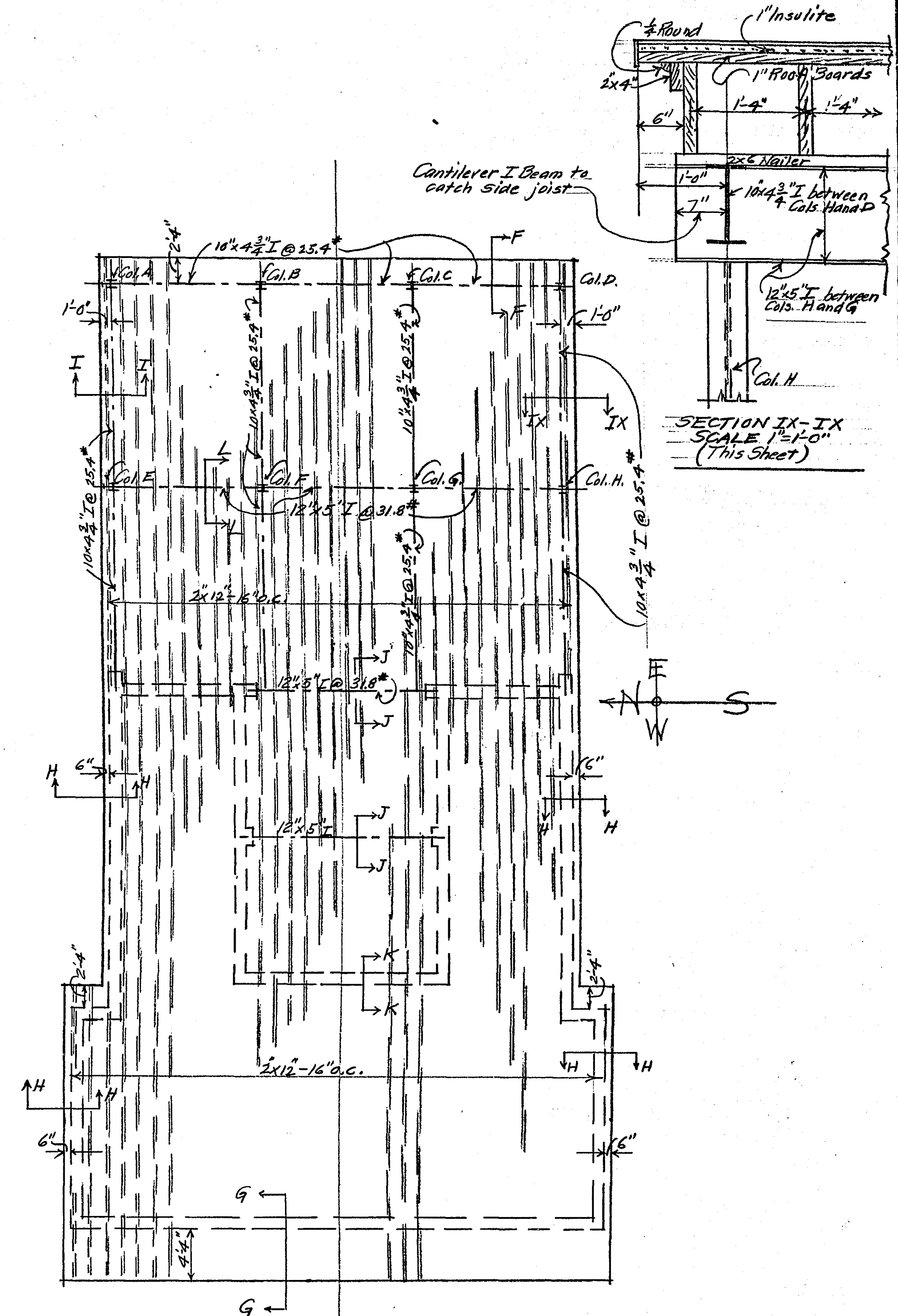
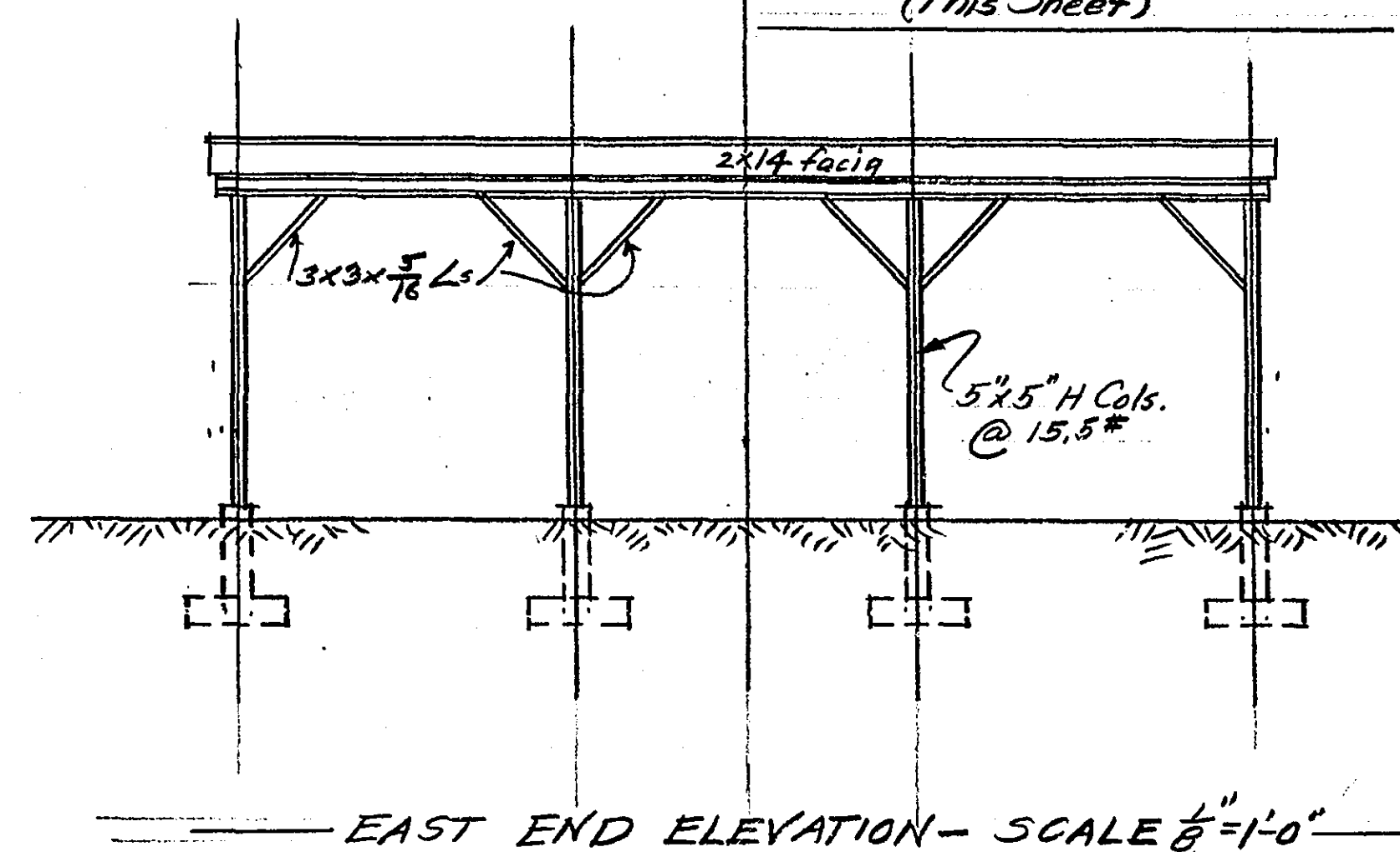
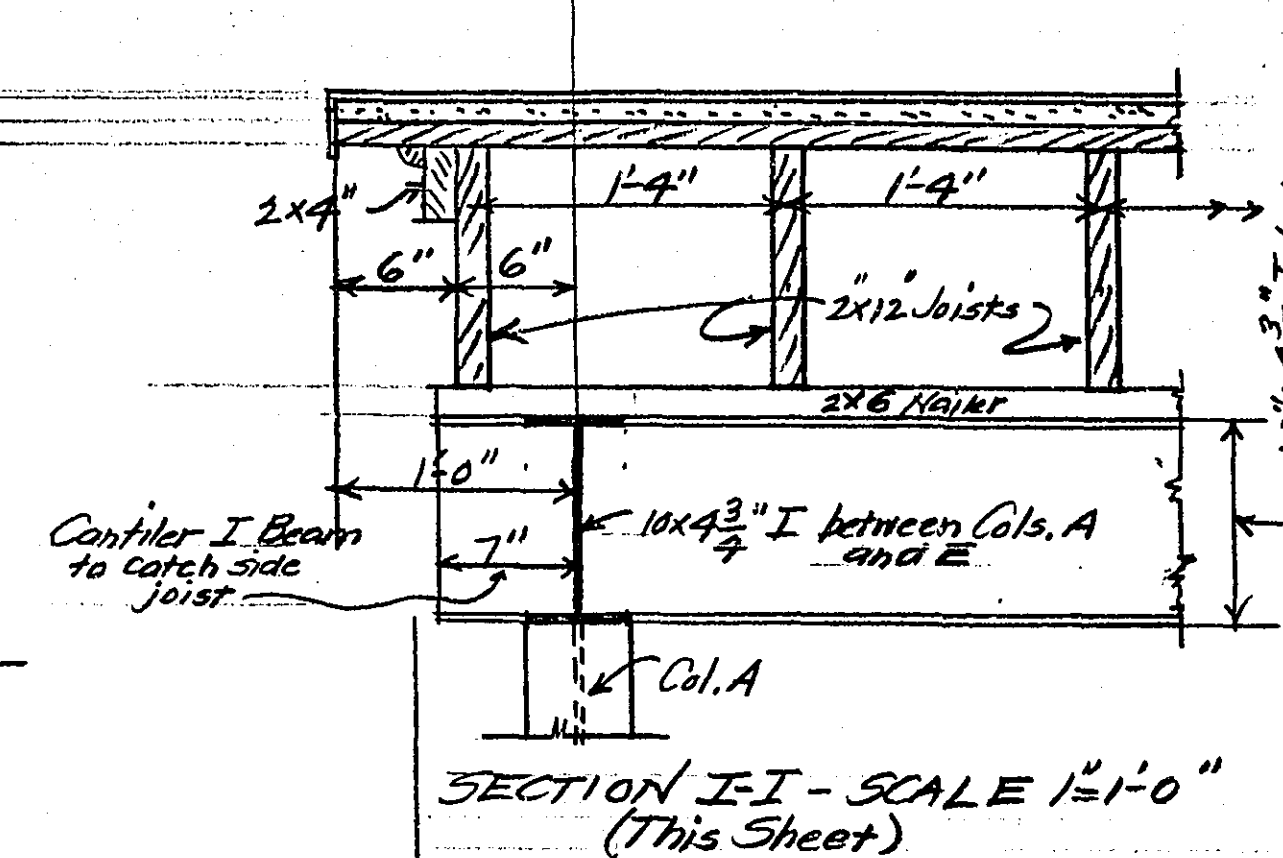
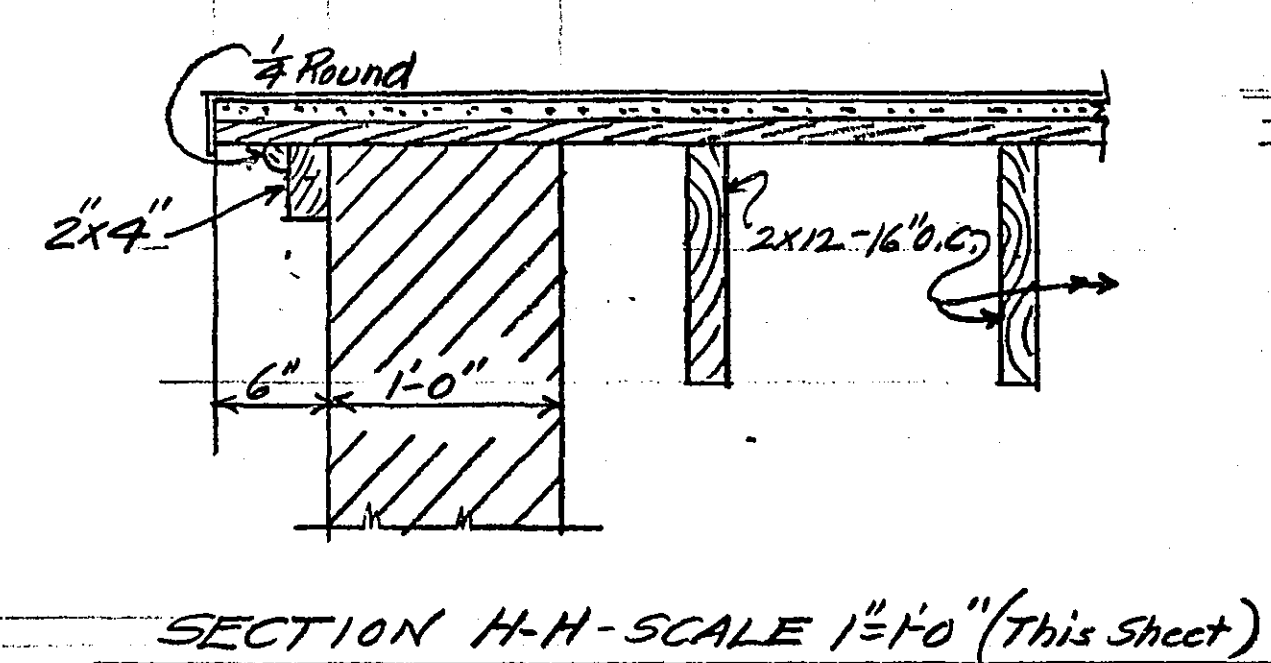
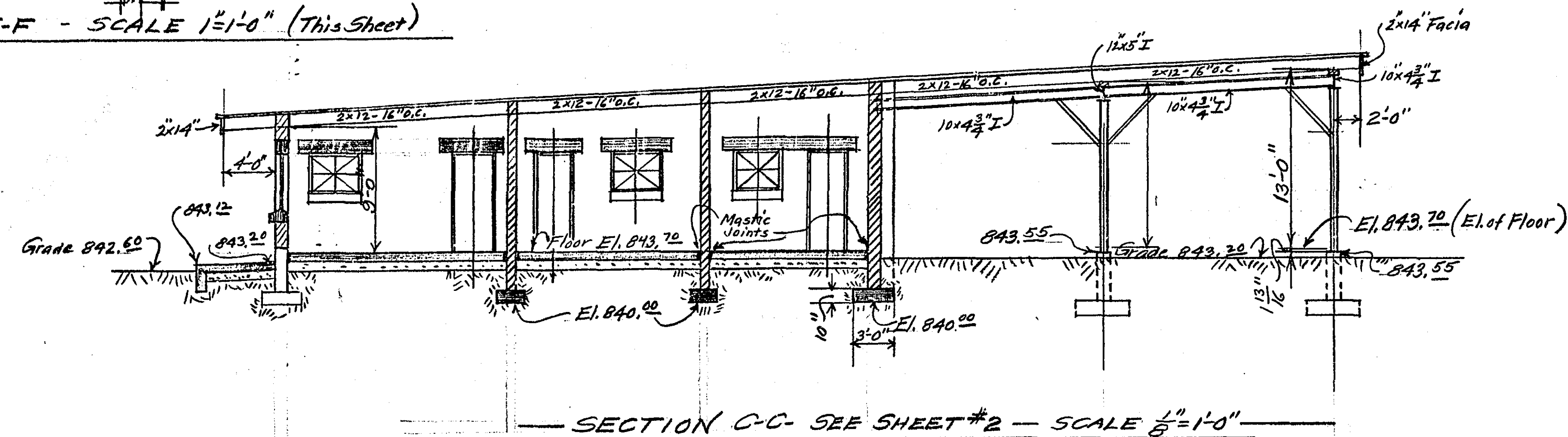
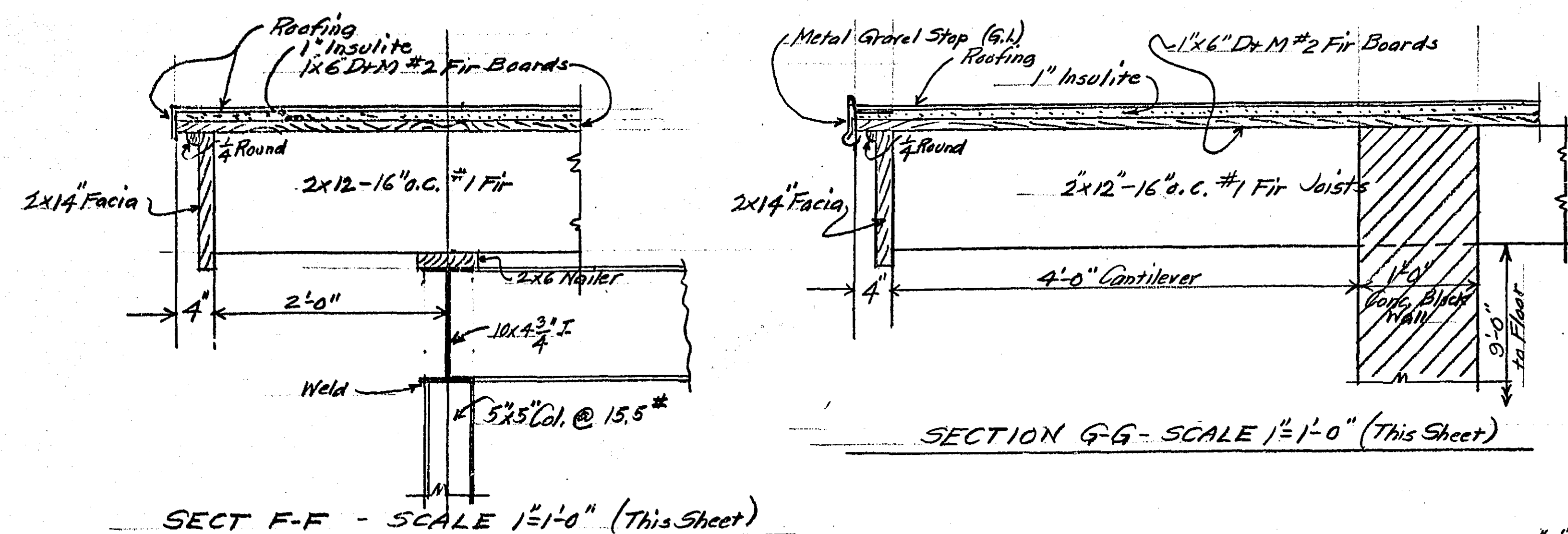
New Column Footings shown thus  are detailed on this sheet. (40 footings thus)

New Column Footing Caps  shown thus  are detailed on this sheet. (2 thus)



DETAIL OF COLUMN FOOTING
- CAPS ⑨ - SCALE $\frac{3}{4}" = 1'-0"$
2 REQUIRED ~~5~~ THUS

SECTION B-B- SCALE $\frac{3}{4}'' = 1'-0''$



Note re Roof Construction:

Roofing to be 4 Ply Solid Mapped Pitch and Gravel (4 Pies of 15" fall). Roofing will be applied to 1" thickness of Insulite Board on 1x6" D.M. #2 Fir Roof Boards, these supported by 2x12-16 o.c. #1 Fir Roof Joists. Provide metal gravel stop at west eave of roof as per Section G-G (this sheet)

Note re Structural Steel:

See Floor Plan on Sheet #1, Footing Plan and Detail of Steel Column Bases on Sheet #2 and Details on this Sheet #3. Roof Plan on this Sheet #3 shows beams and columns. Bearing Beams for Roof Joist support, run North and South. The beams shown running east and west are non-bearing and are for the purpose of stiffening up the structure. Provide 3x3x1/8" L braces at top of all columns at 45° angles as shown on this sheet. All joints may be welded. Furnish Shop Drawings to cover for approval. Top flanges of bearing beams to be drilled for Lag Screws to fasten 2x6 nailers. All steel beams bearing on masonry shall have 1'-0" end bearings with 12x8x1/2" steel bearing plates.

Note re Concrete Lintels:

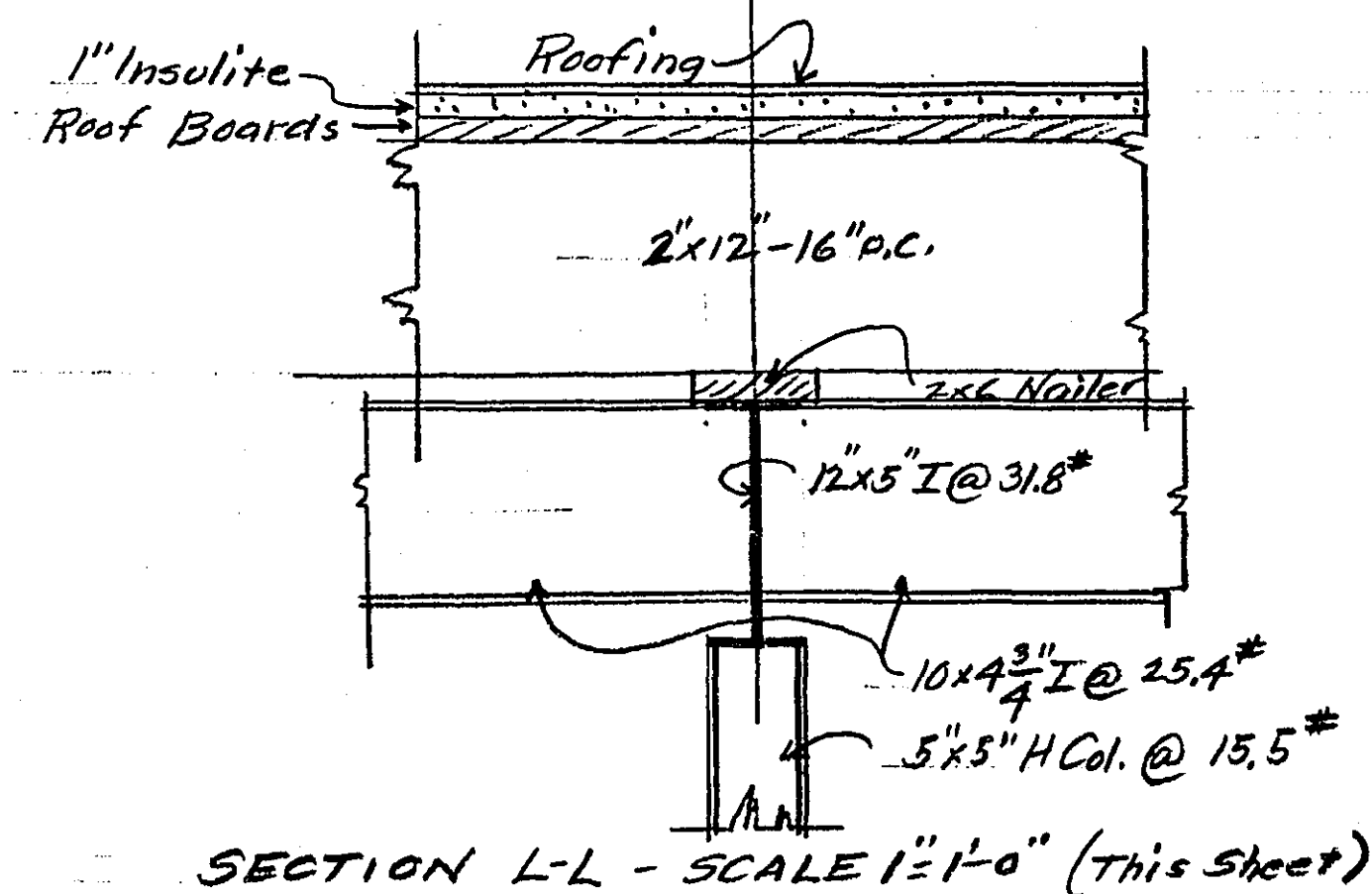
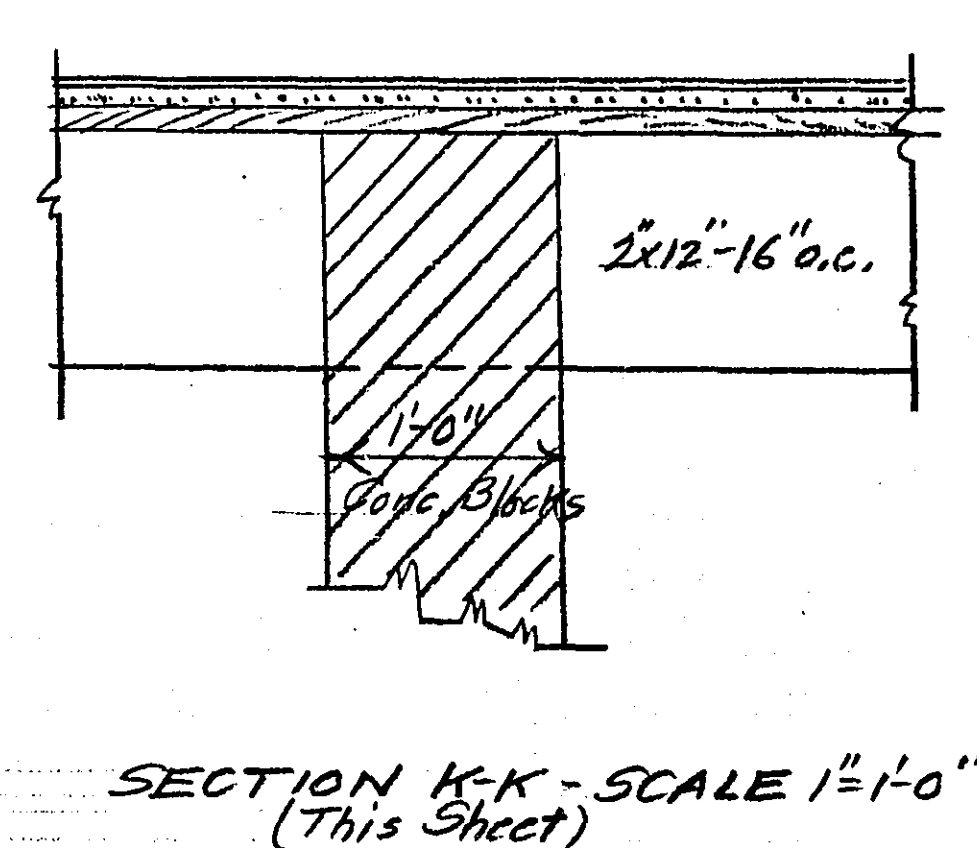
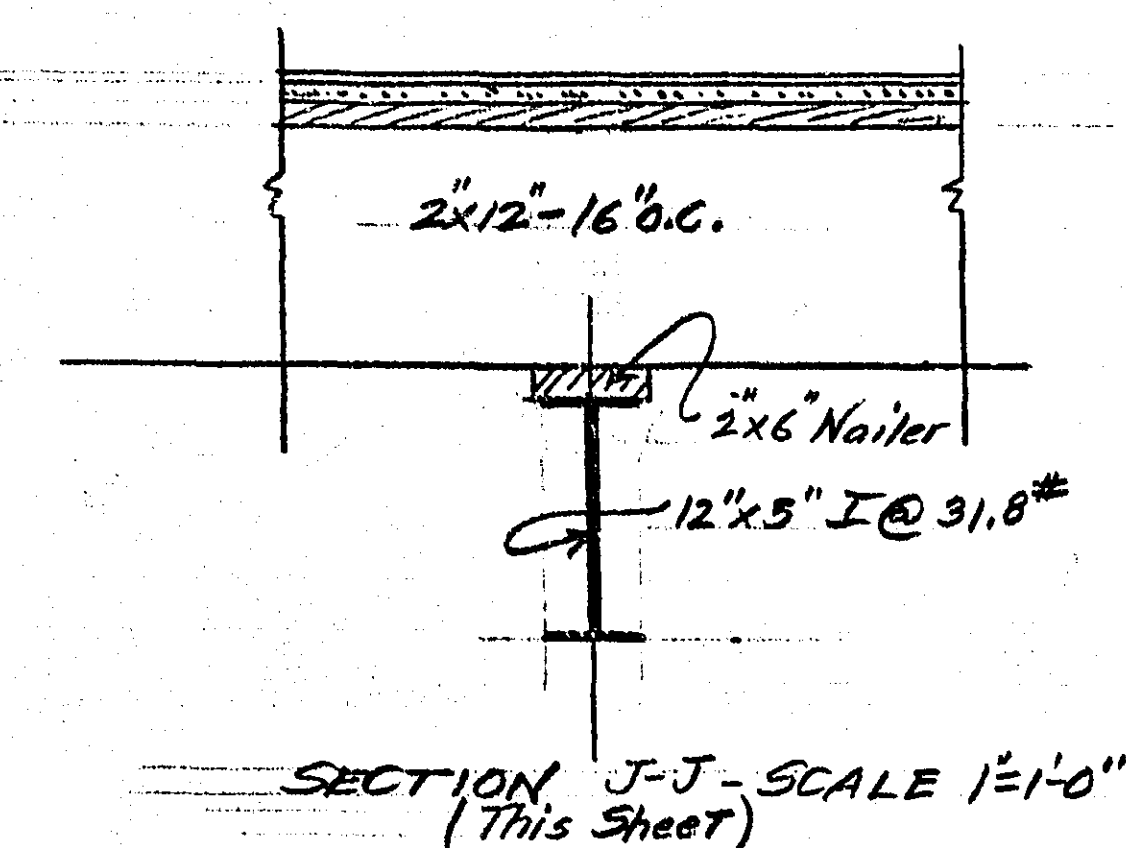
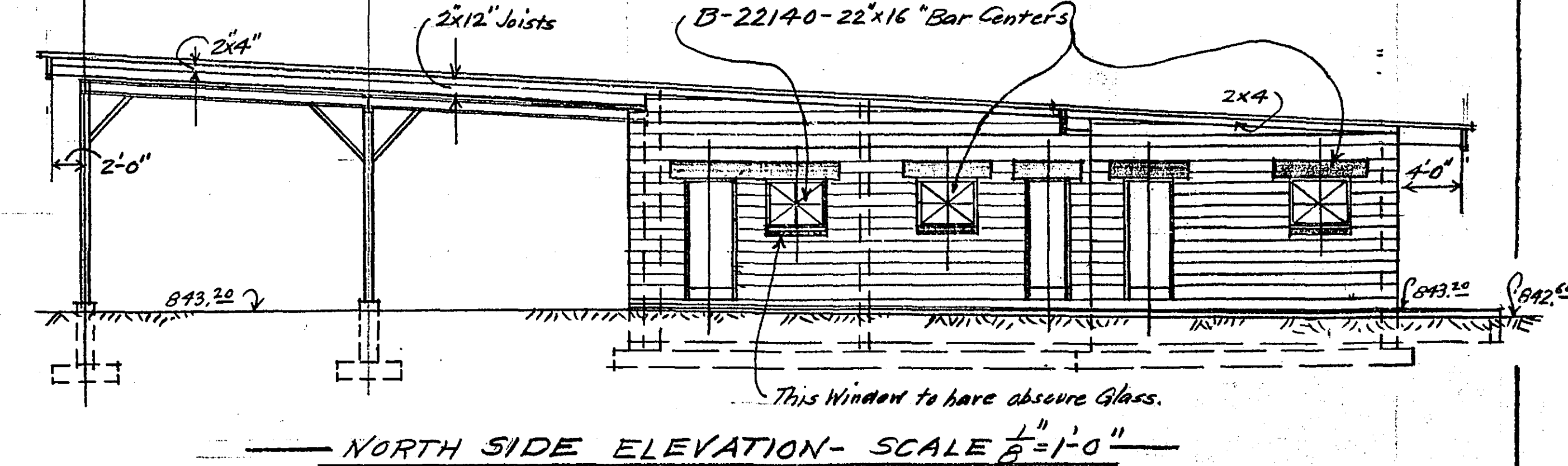
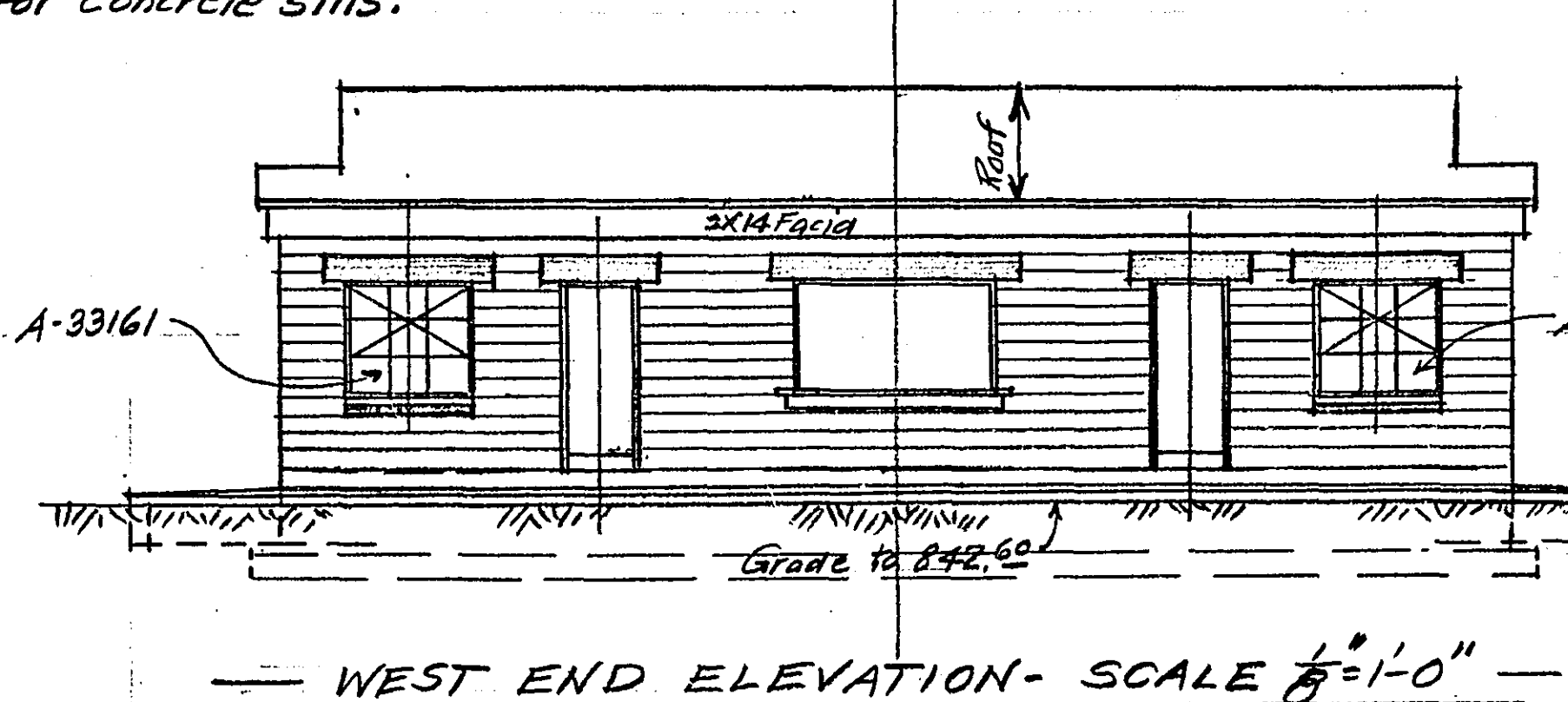
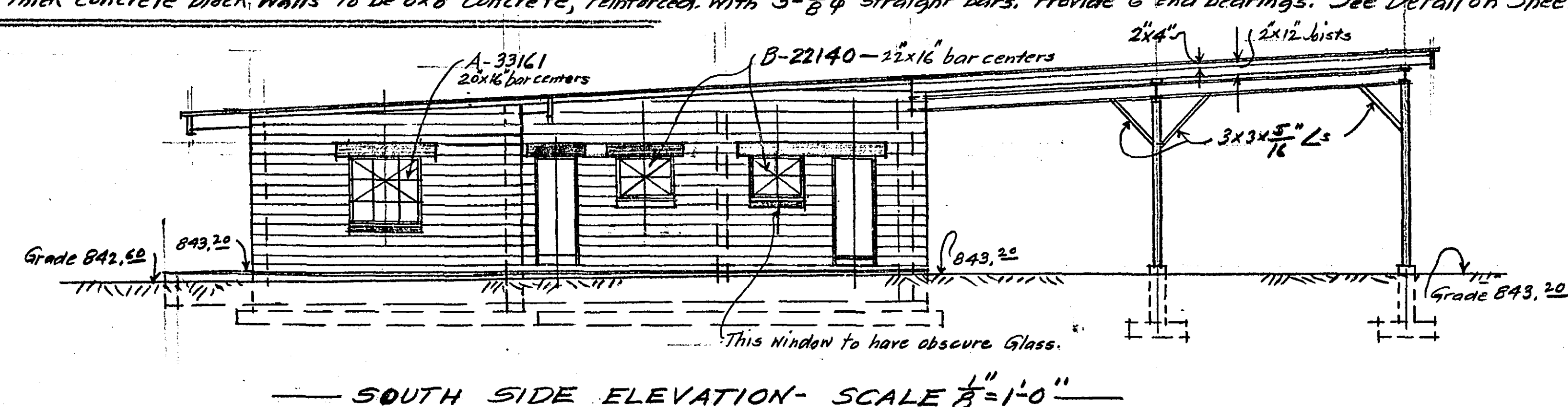
Lintels over 8'-0" wide concession room serving windows to be 12x10" concrete, reinforced with 4-1/2" bars, 25r, and 2 bent up at 45° points. Provide 1'-0" end bearings. All other lintels over openings in 1'-0" thick concrete block walls to be 12x8" concrete, reinforced with 4-3/8" straight bars. Provide 6" end bearings. Lintels over openings in 8" thick concrete block walls to be 8x8" concrete, reinforced with 3-3/8" straight bars. Provide 6" end bearings. See Detail on Sheet 4 for concrete sills.

Note re Concrete:

All concrete for floor slabs, sidewalk slabs, foundation walls and footings, column footings and piers, all lintels, windowsills etc. will be 3000# concrete as produced by the ready mixed method. Floor and sidewalk slabs will be laid on a well tamped 6" sand fill and surfaces will receive a troweled finish. Place one (1) layer of Sisalcraft paper on top of the 6" sand fill before depositing slab concrete.

Note re Sills:

All Window Sills will be concrete, reinforced with 3-3/8" bars. See Detail.



Note re Windows:

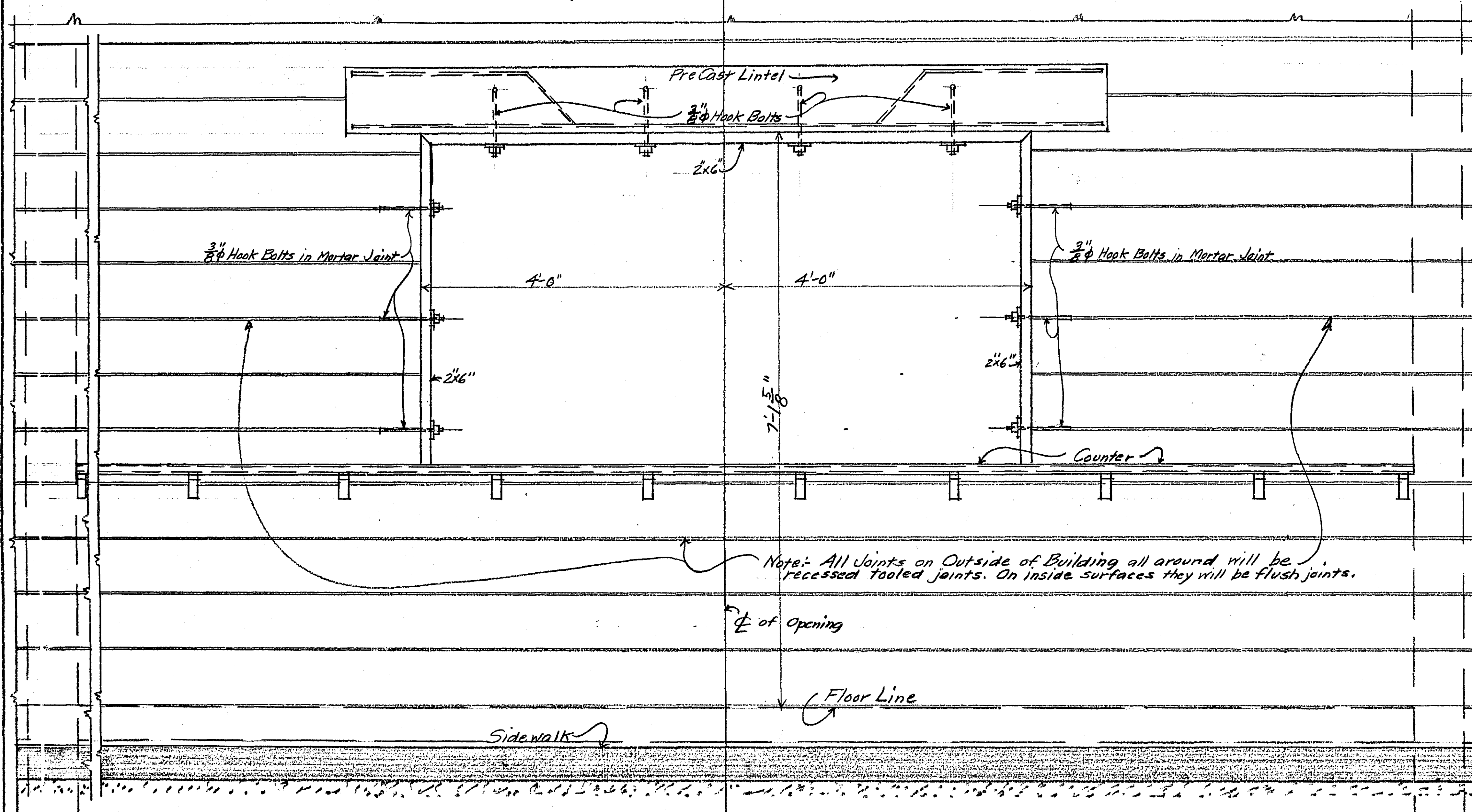
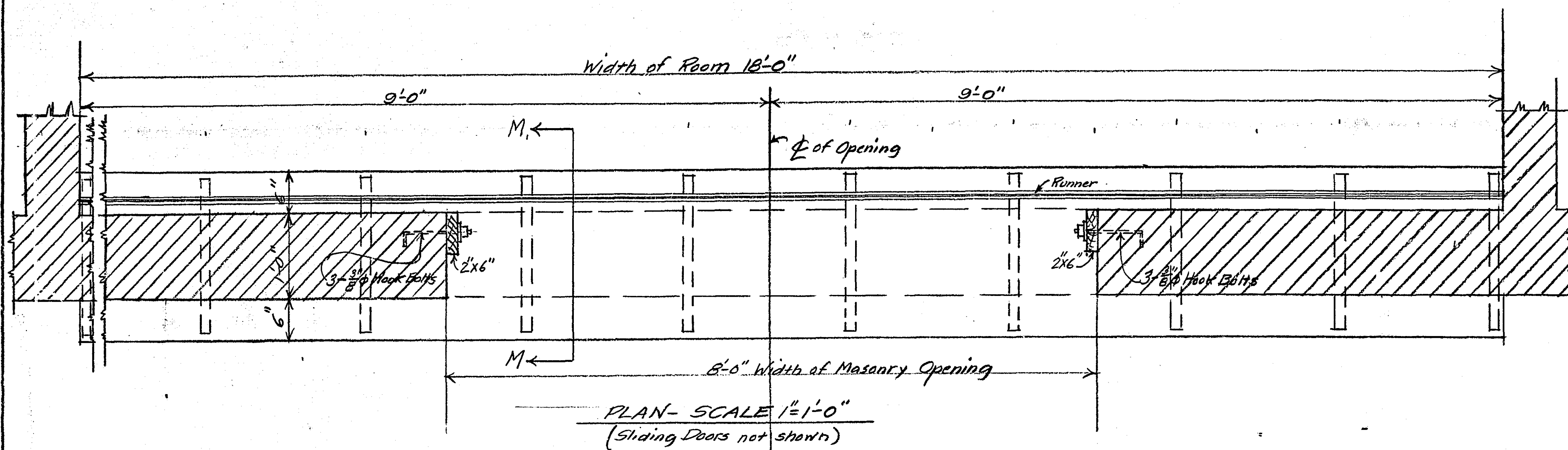
Windows will have steel sash complying with Standards of the Metal Window Institute. All glass to be D.S.A. The two Toilet Room windows will be glazed with obscure glass and all others with clear glass. Type Numbers are shown on elevations, this sheet. See detail on Sheet 4. Use inside plastic putty glazing. Ventilators in 22140 Sash to be hinged at bottoms, to swing in.

Note re doors:

All Outside Doors to be Andersen Pine Doors 3'-0" x 7'-0" x 1 1/2". Doors to be hung in 2x6 plank frames and have 1/2" x 1 1/2" wood stops. Frames to be caulked all around and be bolted to masonry with 1/2" x 12 U.M. hook bolts, 3 to each jamb. Install metal Kick Plates on Outside. All Inside Doors to be Andersen Pine Doors 2'-6" x 7'-0" x 1 1/2", also set in 2x6 plank frames with 1/2" x 1 1/2" wood stops. Caulk and bolt frames same as for outside Doors. No Kick Plates. All doors will be Flush Doors. See Details on Sheet #4.

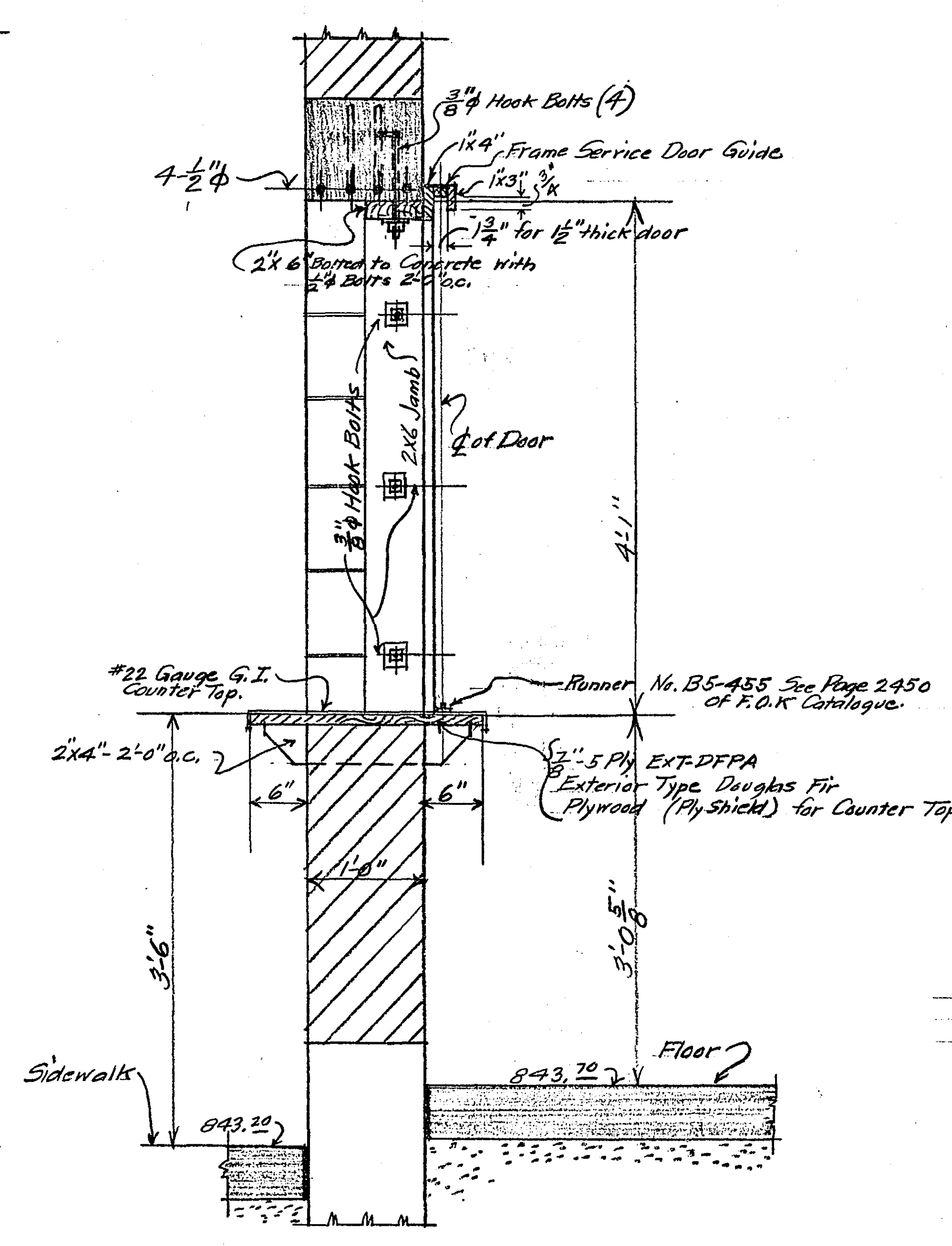
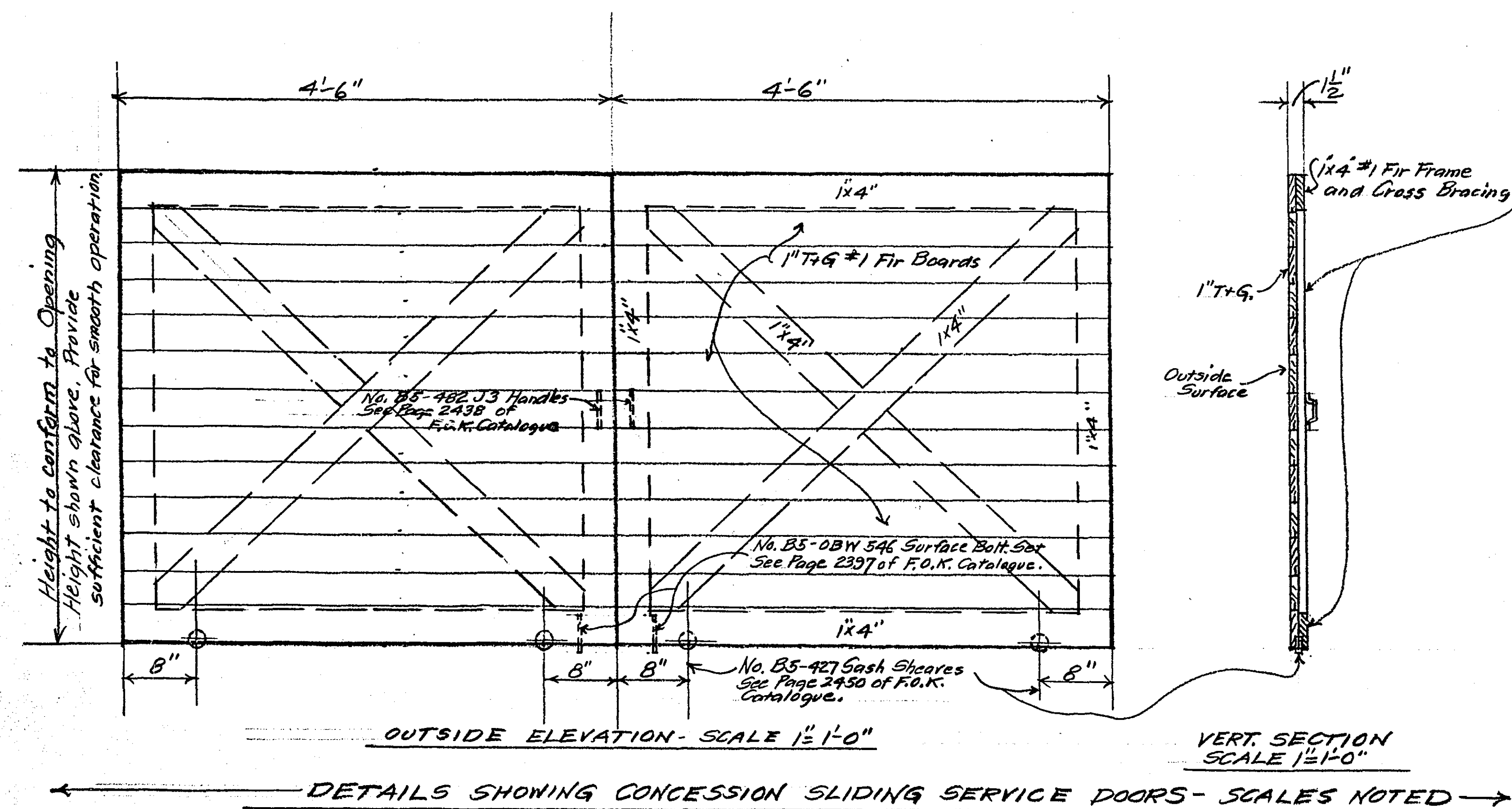
MANUFACTURED
BY
RAMSEY CO. ENGR.

Sheet #3



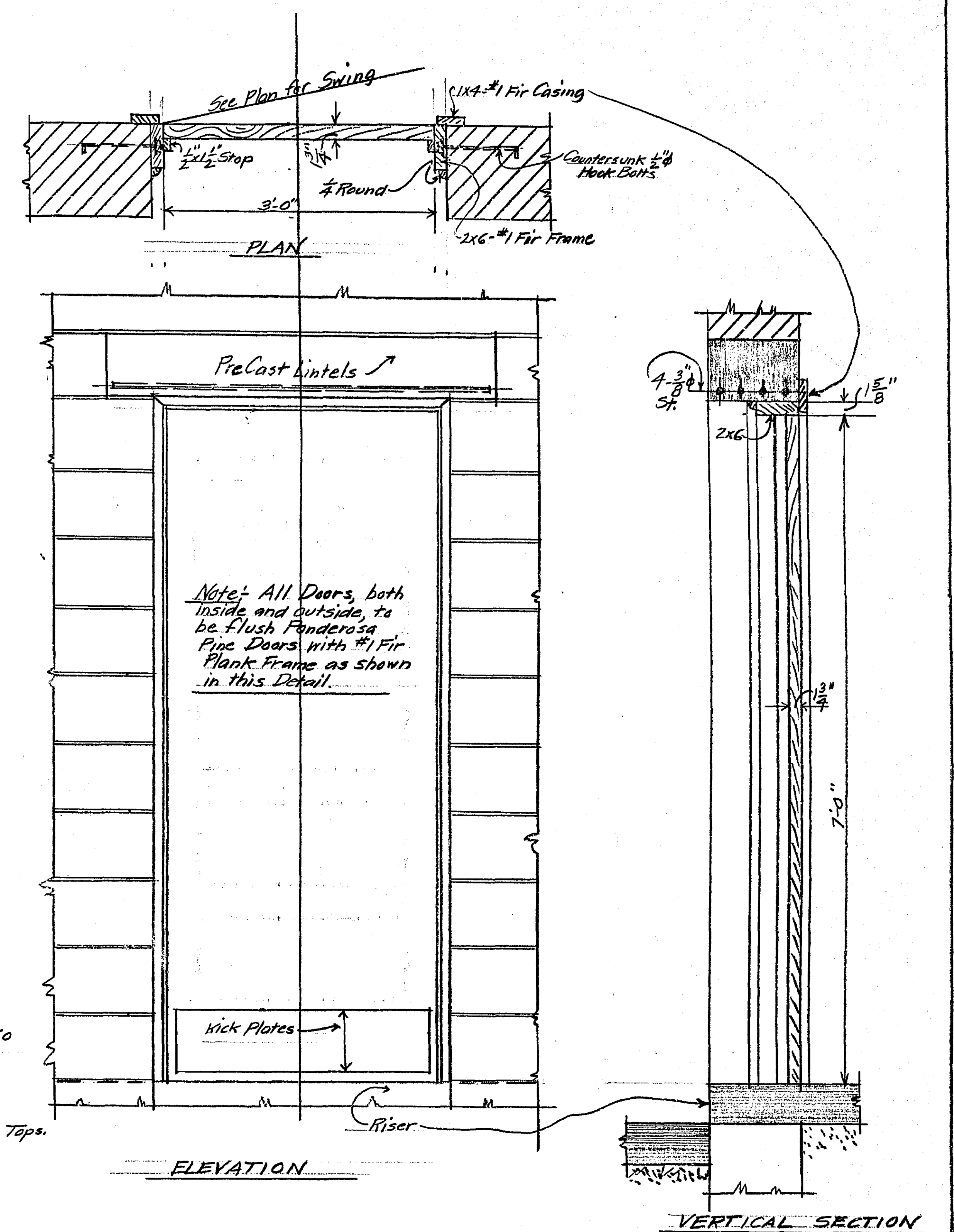
DETAILS SHOWING CONCESSION ROOM SERVICE OPENINGS- SCALES NOTED

Note: These details cover the West opening. East opening to be same.



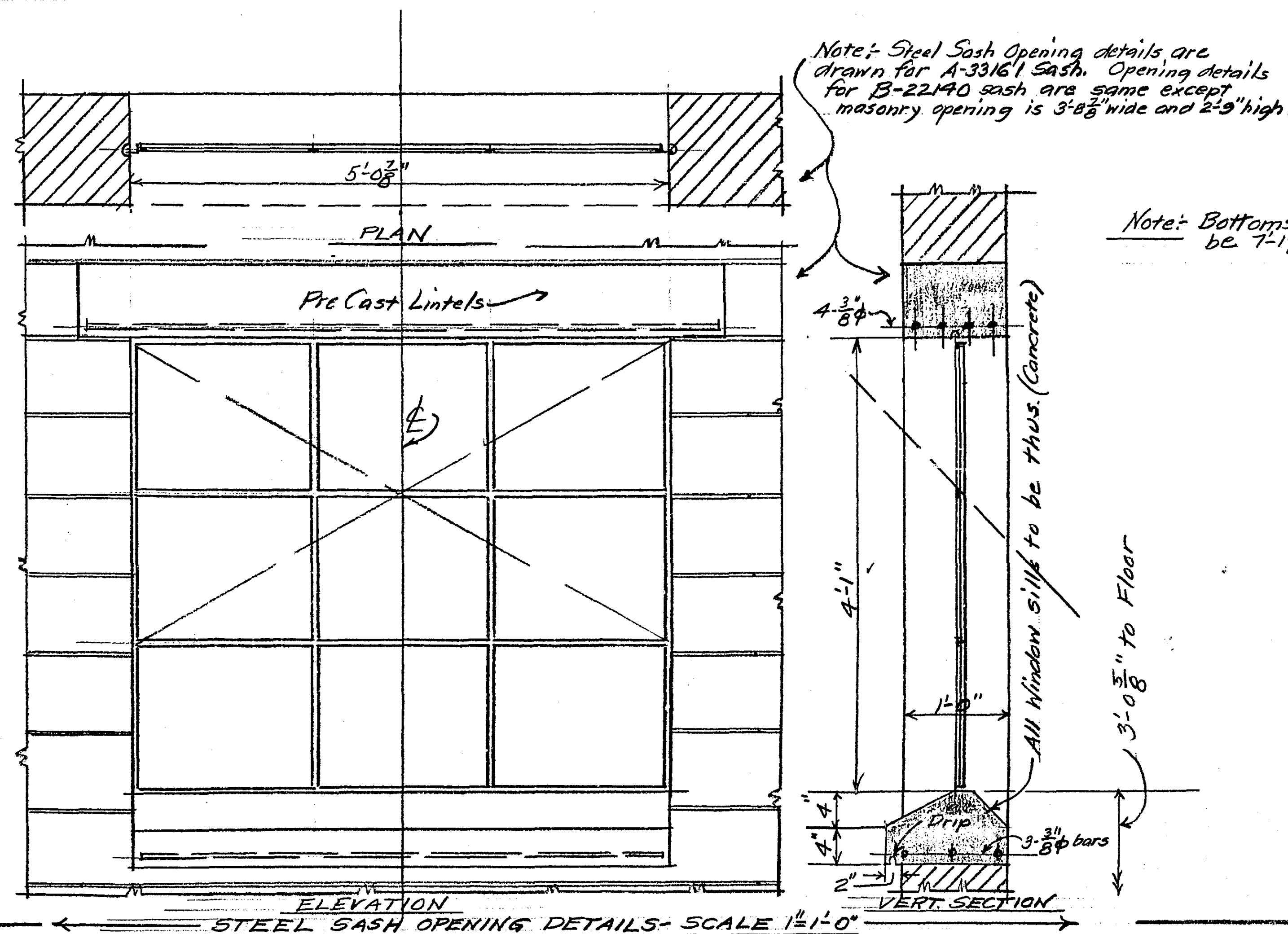
SECTION M-M (THIS SHEET) SCALE 1 1/2"=1'-0"

(Sliding Doors not shown)

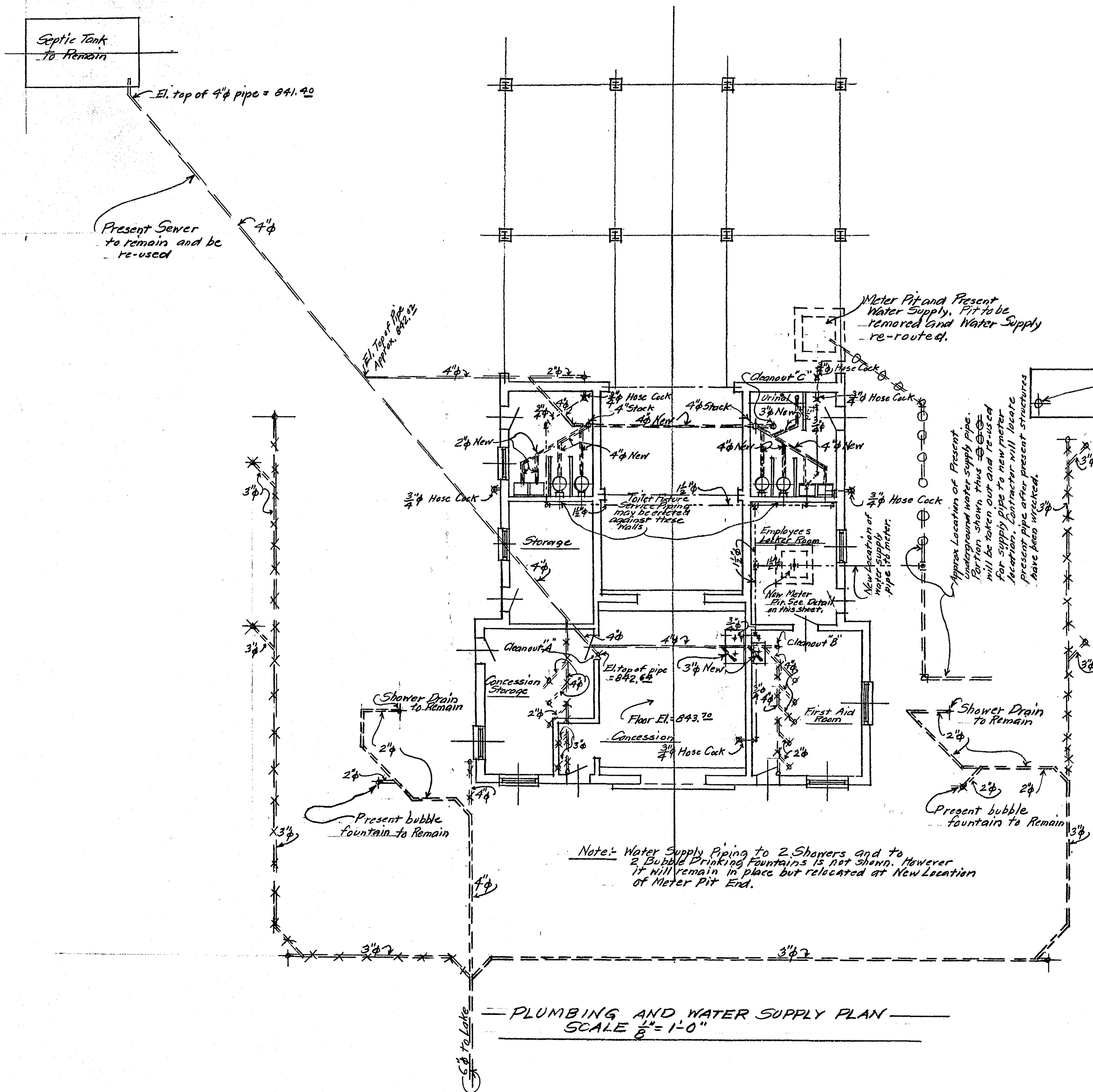


HINGED DOOR DETAILS- SCALE 1 1/2"=1'-0"

Note: Details are drawn for Outside Doors in 1'-0" thick concrete block walls. Inside doors in 8" Concrete Block partitions will be same except that inside doors are 2'-0" x 7'-0" x 1 1/2" and be without Kick Plates.

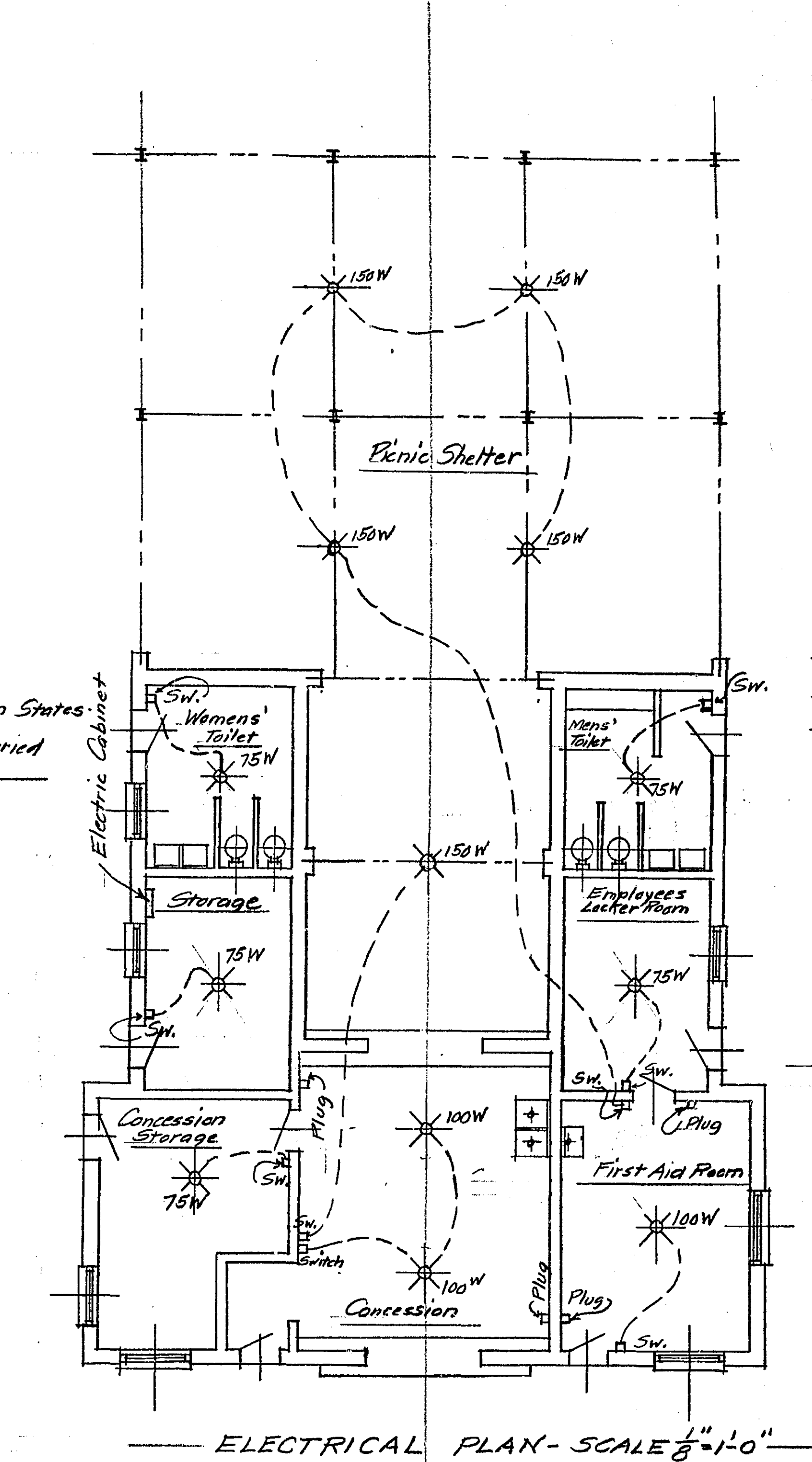


Note: Bottoms of all Precast Lintels to be 7'-1 1/2" above Floor.



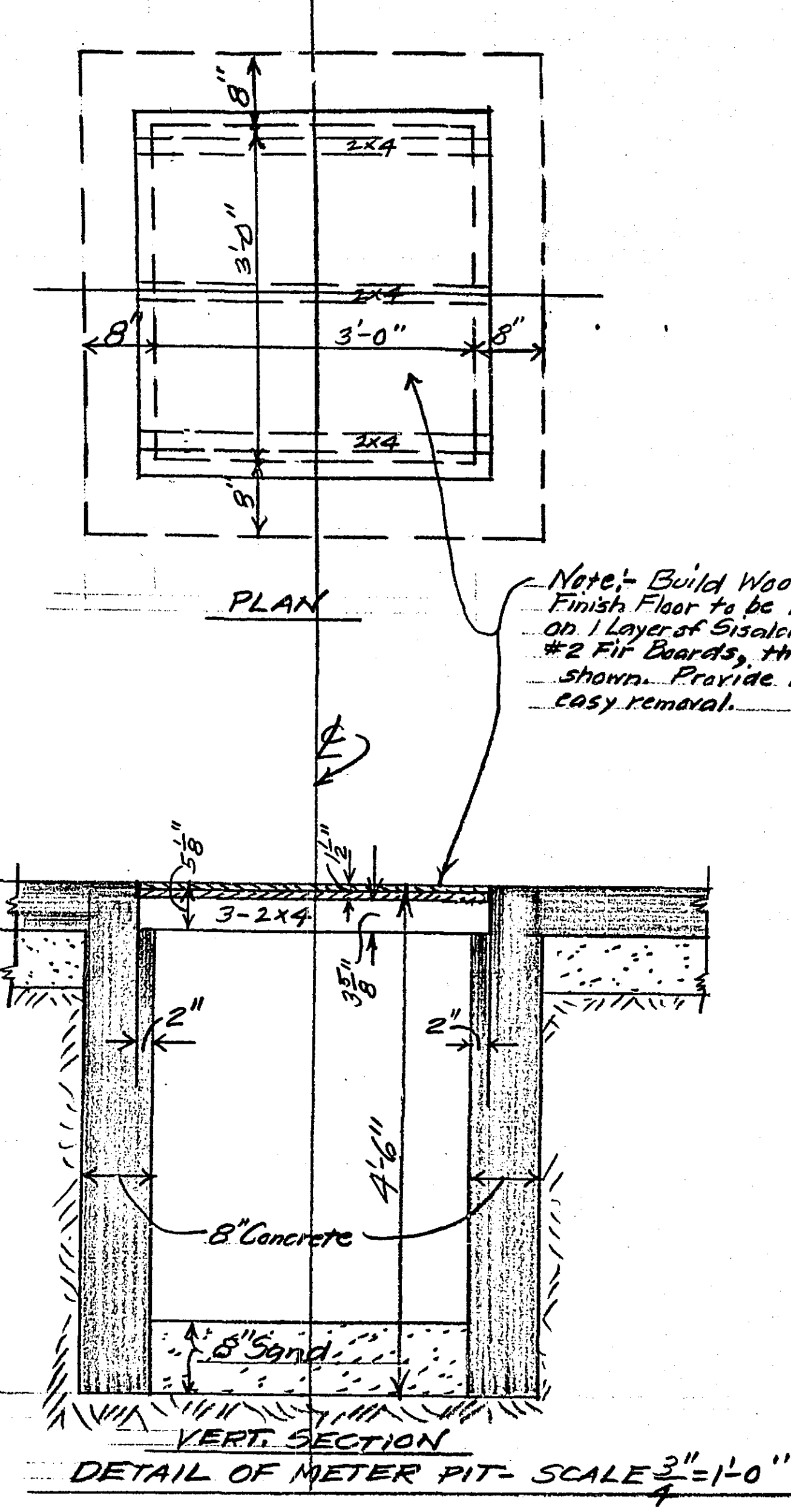
PLUMBING AND WATER SUPPLY PLAN
SCALE $\frac{1}{8}'' = 1'-0''$

- Note: Present sewer drains shown thus $\times \times \times \times$ to remain in place and be re-used.
 Present sewer drains shown thus $\times \times \times \times$ to be removed and be re-used for new work, if possible. (Or maybe cut off and left in place)
 New sewer drains shown thus $\times \times \times \times$ and marked with the word "new" thus $\times \times \times \times$. Note the two (2) new 4" soil stacks.
 Water Supply Piping Shown thus $\times \times \times \times$ is proposed new piping running from present water supply line and new meter location in Employees Locker Room. See note re piping to 2 Showers and 2 Bubble Drinking Fountains.
- Note re Fixtures: Water Closets and Lavatories will be taken from present building and be re-used. Furnish and erect one new Galv. Iron Urinal mounted on Wall Brackets. (Trough Urinal). In First Aid Room, furnish and install one (1) No. V.M.-1304 Porcelain Enamel Flat Rim Kitchen Sink 16" wide x 2'-0" long x 7" deep. $\frac{3}{8}''$ center outlet. Provide opening for one (1) cold water faucet. (No hot water). Mount securely on wall and provide two (2) steel legs for floor support at outside edge. (See F.O.K. Catalogue.)
 In Concession Room, furnish and install one (1) Galv. Iron Scullery Sink Similar to Elkay Sturdibilt LK-8200 Sink (See Sweets Architectural File for 1949, Sect 23 a.) #12 U.S. gauge steel, all welded with roll rims. Two (2) compartments 2'-0" x 2'-0" x 1'-0" deep. Back shall extend 1'-0" above top of sink proper. Provide for one (1) cold water faucet for each compartment (2 faucets). There will be no hot water. Pitch bottom of compartments to drain. Support on four (4) $2 \times 2 \times \frac{1}{2}''$ angle iron legs with gusseters, legs to have adjusting bolt for anchoring and leveling. Set sink 3'-0" from floor to rim. Drill for faucets, wastes and overflows. Sink and supports to be hot dip galvanized. Fasten securely to wall and floor. All six (6) $\frac{3}{4}''$ hose corks will be $\frac{1}{2}''$ - #15-2510 $\frac{3}{4}''$ sill with Lugsheel. (Brass with threaded outlet). The three (3) Sink Faucets will be $\frac{3}{4}''$ - 15-893 C, chromium plated. See Page 1767 of F.O.K. Catalogue.
 Cleanouts "A" and "B" are present cleanouts. Extend to surface of floor and install countersink floor cleanouts. Cleanout "C" indicates a new countersink cleanout in floor of Men's Toilet.
 All fixtures to be trapped and vented. All plumbing work to comply with Plumbing Provisions of the St. Paul Building Code.
 See Specifications relative to Water Supply Piping. Present Shower Heads (2) and Present Bubble Drinking Fountains (2) to be left in place. ✓



ELECTRICAL PLAN - SCALE $\frac{1}{8}'' = 1'-0''$

- Note re Lighting Fixtures:
Concession Room: Two (2) Fixtures to be "Viron" Fluorescent Lighting Fixtures. Each to be 17" wide by 29 $\frac{1}{2}''$ long and 7" over all from bottom of ceiling joist support. Provide V.K.-742 Chassis, V.K.-421-4 light Shield and V.K.-100 Round Canopy. Furnish and install 4-20 Watt Lamps in each. See Catalogue of Elkhart Electric Co.
First Aid Room: One (1) Fixture same as fixtures in Concession Room.
Concession Storage: Fixture to be No. V-34 Ceiling Holder, 4" Fitter with medium socket. Use St. Bronze Finish. Provide 75 watt bulb and No. 352-6x3 $\frac{1}{4}''$ Nova White Glass Ball.
Storage Room: Fixture same as Concession Storage Fixture
Employees Locker Room: " " " " " "
Women's Toilet: " " " " " "
Men's Toilet: " " " " " "
Picnic Shelter: 4 Fixtures on Switch in First Aid Room and 1 Fixture on Switch in Concession Room. Fixture to be No. V-53-B Arch Light Fixture. $\frac{3}{4}''$ Fitter, Canopy Diameter 4 $\frac{1}{2}''$. Outdoor Black Finish. Furnish and install 150 W. Frosted Bulb. No glass ball.
Note: For support of electric fixtures, at each fixture location use a piece of Exterior Type Douglas Fir Ply Plywood (Ply Shield grade) Each piece to be 1'-8" long x 1'-0" wide x $\frac{1}{2}''$ thick and securely nailed to bottoms of two (2) roof joists.
 All electrical work to comply with Electrical Provisions of the St. Paul Building Code.



DETAIL OF METER PIT - SCALE $\frac{3}{4}'' = 1'-0''$

