

FOUNDATION

Footings shall bear either on undisturbed soil or on compacted engineered backfill. Footings are designed to bear on a soil capable of supporting 3,000 psf. After excavation, the Contractor shall notify the Owner's representative who shall review the soil below footings to determine if any condition occurs, which in his opinion, yields a lower bearing value than noted above. Should such a condition occur, the footing shall be lowered or enlarged as directed by the Owner's representative.

Concrete strength for footings shall be 3,000 psi @ 28 days. Foundation reinforcing ASTM A 615-60 minimum. Lap all horizontal reinforcing 24 bar diameters. Provide dowels to masonry walls as detailed.

Welded wire fabric must lap one full mesh at the sides and ends.

Lap all bar splices 36 bar diameters but not less than 12". Bend all horizontal wall bars and all wall footing bars 36 bar diameters around all corners.

Provide dowels in column and wall footings equivalent in size and number to vertical steel extending 24 bar diameters into footing and 24 bar diameters into wall.

All reinforcement shall be placed accurately and held in position during grouting. Reinforcing shall be in place prior to grouting and shall not be moved or in any way used to puddle grout into place.

Grouting procedures shall be in accordance with requirements of the National Concrete Masonry Association and local building codes.

No grout shall be placed in walls when freezing is possible. Cells shall be clean and free of mortar droppings, dirt, and debris.

All masonry wall extending to roof shall be securely supported laterally by roof framing.

Horizontal wall reinforcing shall be standard truss-type and shall be provided as follows:

- A. First and second bed joints immediately above lintels and below sills.
- B. Bed joints at 16" o.c. vertical intervals unless noted otherwise.
- C. First and second bed joints at bottom of wall, top of wall, and below all bond beams. Reinforcing shall be continuous except it shall not pass through vertical control joints. Side rods shall be lapped a minimum of 6" at splices, provide prefabricated corners and tees.

Provide minimum of 1-#5 at each side of wall openings, each side of control joints, at corners of bearing walls, and beam or lintel bearing locations. Grout solid for full height from footing.

GENERAL NOTE:
NOTE ALL CONTRACTOR TRADES TO PROVIDE ONE "RED LINE" MARKED UP "AS BUILT" SET OF PRINTS AT THE FINISH OF THE JOB.

LUMBER

All lumber used for beams and posts and other structural uses shall be stress graded, kiln dried for the following species:

Douglas fir coast region #2 or better, Hem fir #2 or better or, Southern pine #2 or better.

Minimum modulus of elasticity shall be $E = 1,500,000$ psi.
Minimum bend strength shall be $F_b = 1,350$ psi.

Lumber used for studs and plates shall be hem fir stud grade or better.
 $E_{min} = 1,200,000$ psi
 $F_c_{min} = 500$ psi

Contractor shall submit to the owner a list of the lumber species that he intends to use. Written permission indicating acceptance of the lumber must be obtained from the architect before the wood framing has begun.

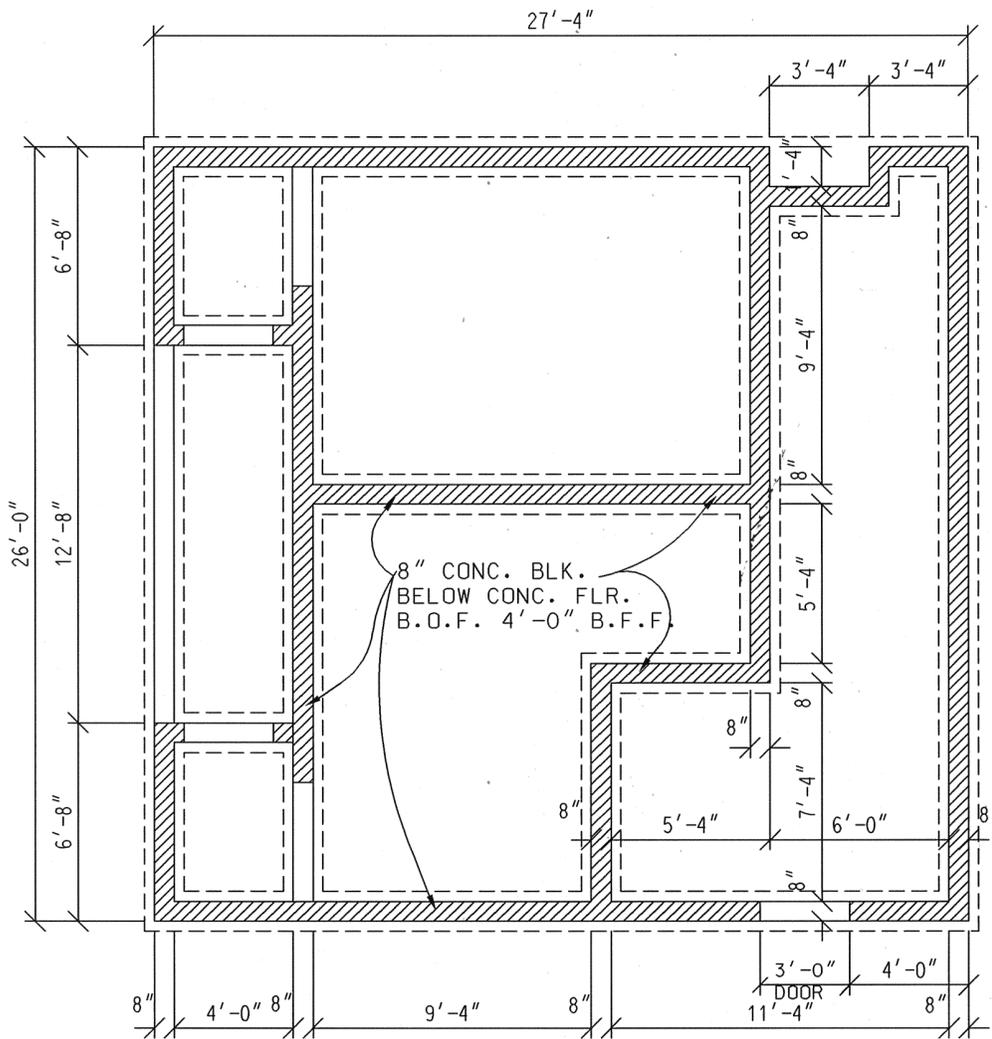
Laminated wood beams, where shown on drawings, shall be Douglas Fir Coast Region, Combination No. 22F, per Standard Specifications for Structural Glued Laminated Douglas Fir Lumber by West Coast Lumbermen's Association. Finish per architectural notation.

No lumber with splits, cracks, knots, or other defects exceeding specification for each particular grade will be accepted.

Roof deck for rafters at 2'-0" o.c. shall be 5/8" OSB roof deck composition board.

Deck shall be nailed using 8d common smooth, ring-shank or spiral thread for both 5/8" and 3/4" thick plywood. Space nails 6" at panel edges and 12" at intermediate supports for 5/8" plywood and 6" for both edge and intermediate supports for 3/4" plywood.

Roof deck to be laid with 4'-0" staggered position.

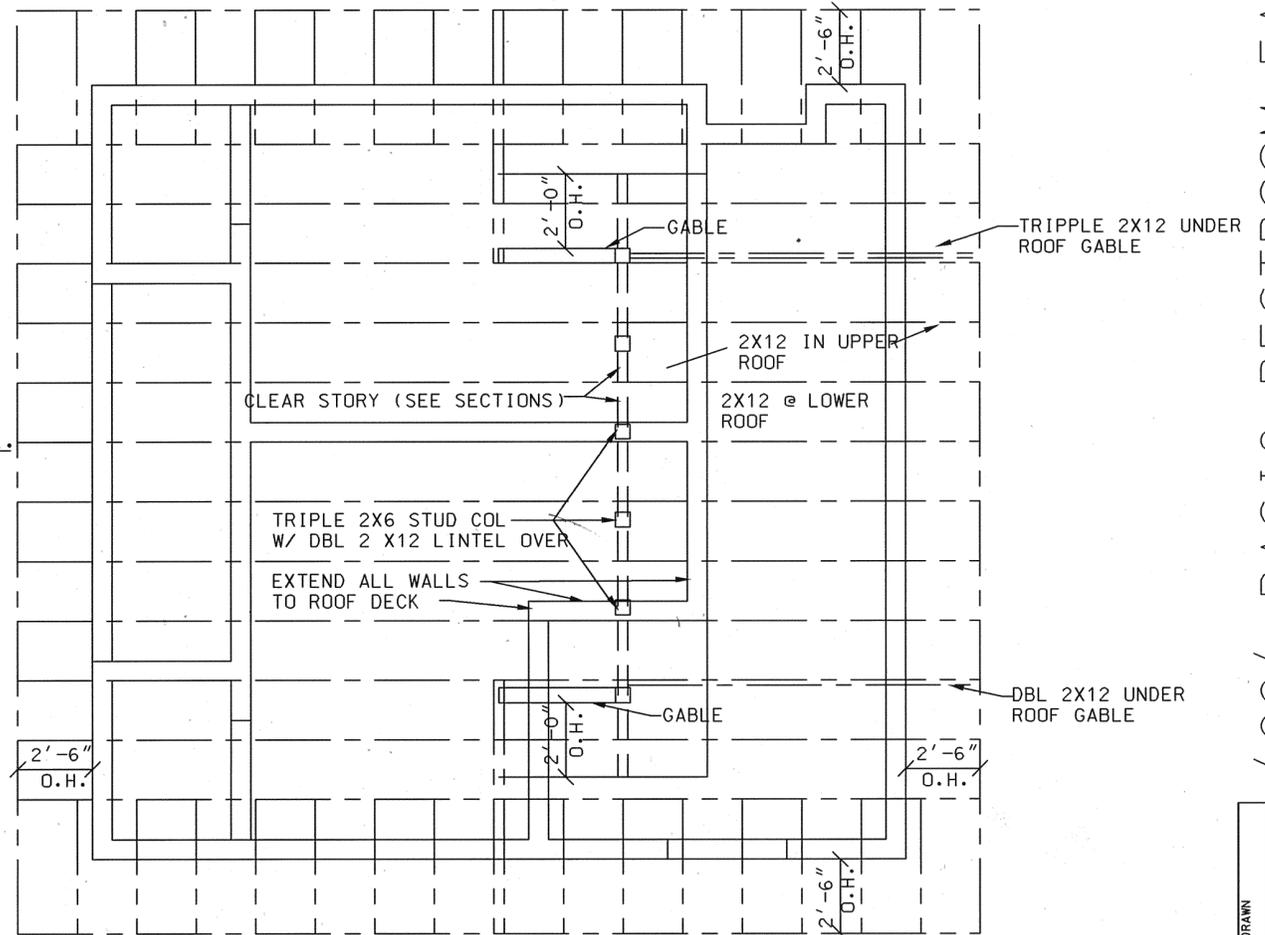


FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

EXTERIOR WINSCOT BLK.
IS SPLIT FACED W/ 8X8
SCORED

INTERIOR BLK: 8X8
PLAIN SCORED

STORAGE RM INTERIOR BLK.
TO BE UNSCORED PLAIN.

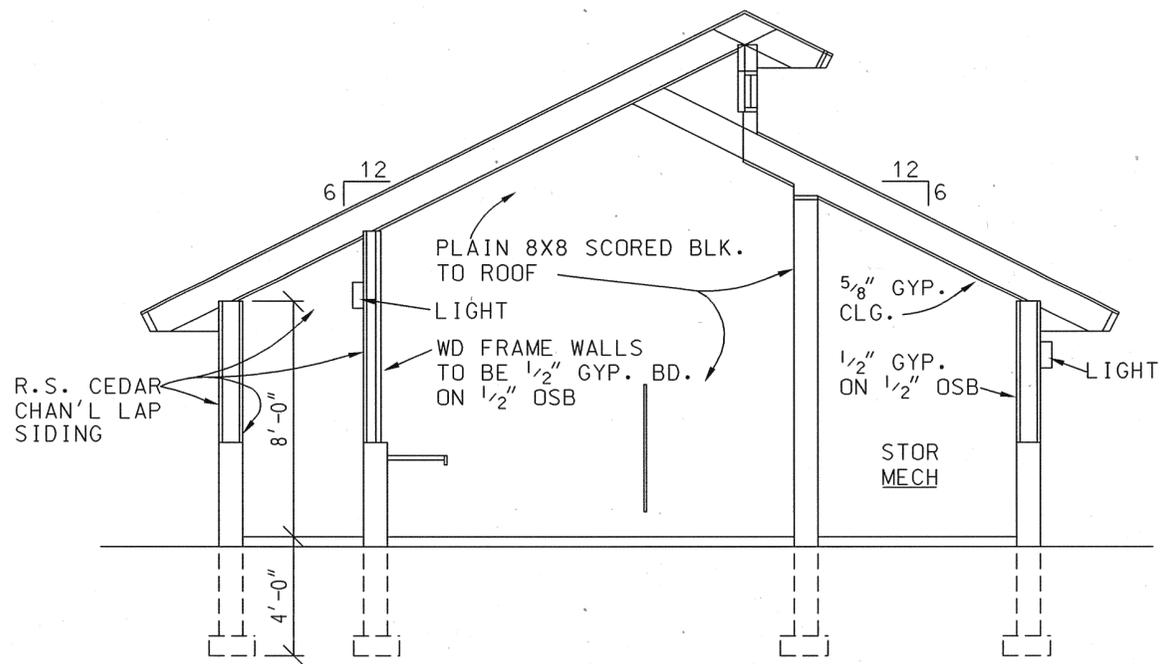


ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"

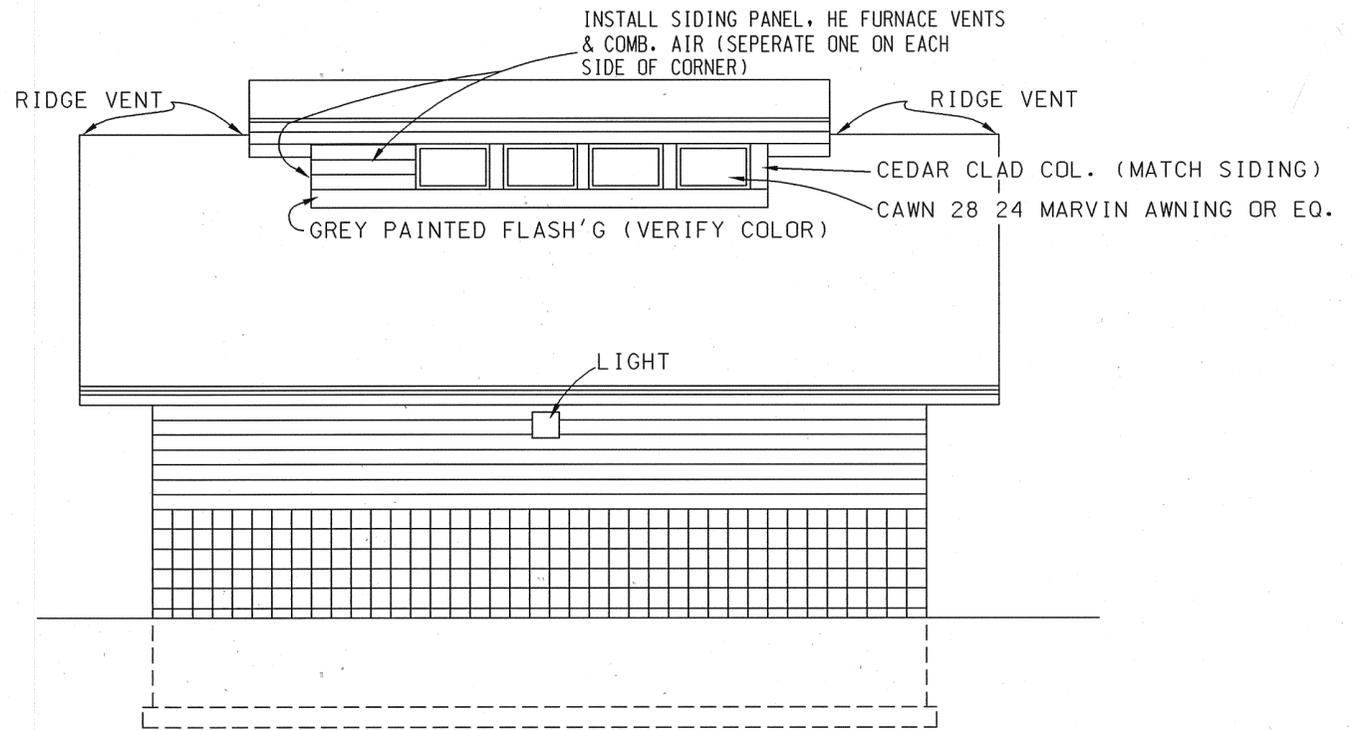
'92' BASIC RESTROOM FACILITY

DRAWN	CHECKED	APPROVED	RUCS 1/98
PROJECT NO.			DRAWING NO.
			A1

TIMOTHY VANS ARCHITECT
AMERICAN INSTITUTE OF ARCHITECTS
RICHARD

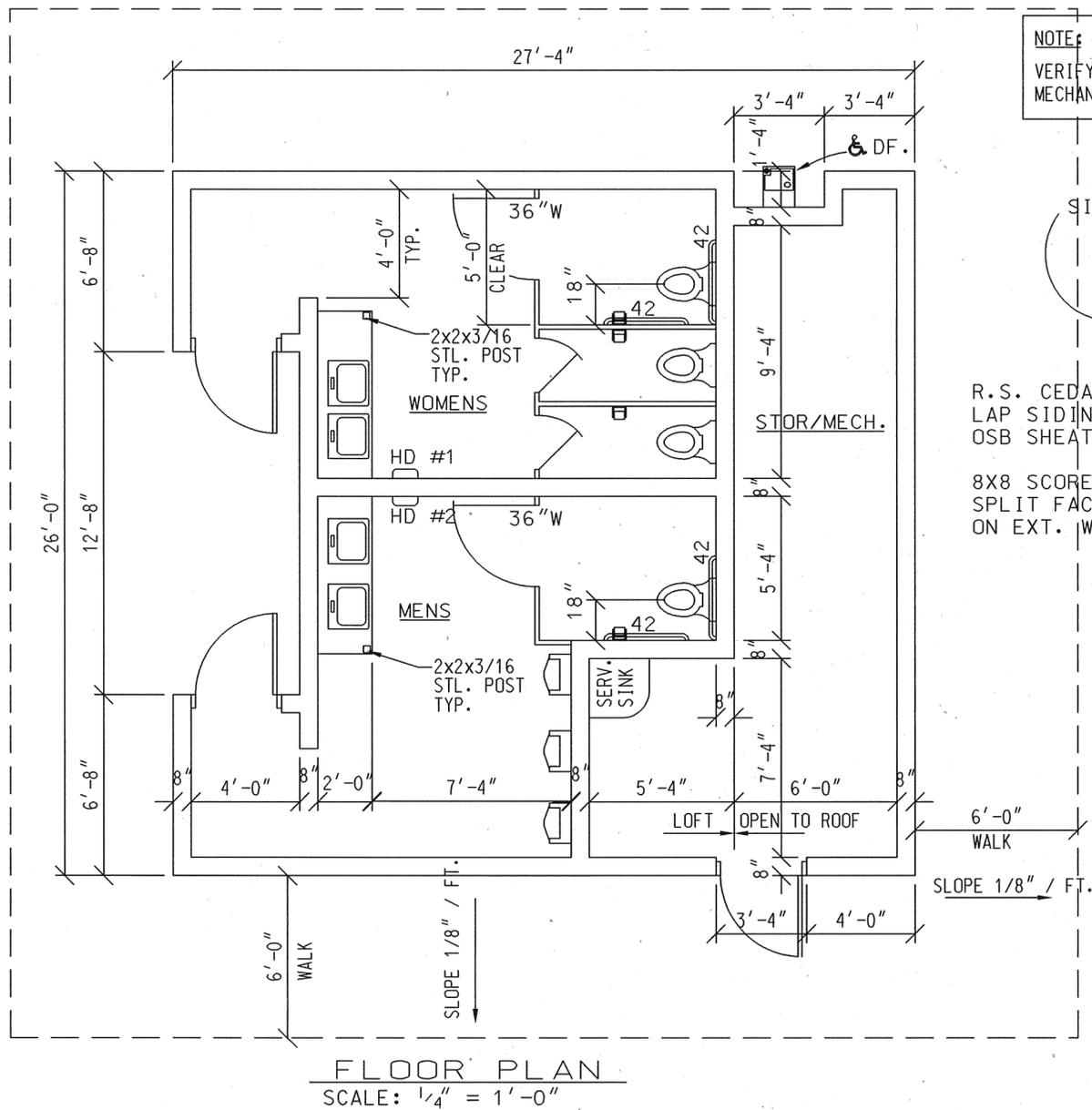


BUILDING SECTION
SCALE: 1/4" = 1'-0"



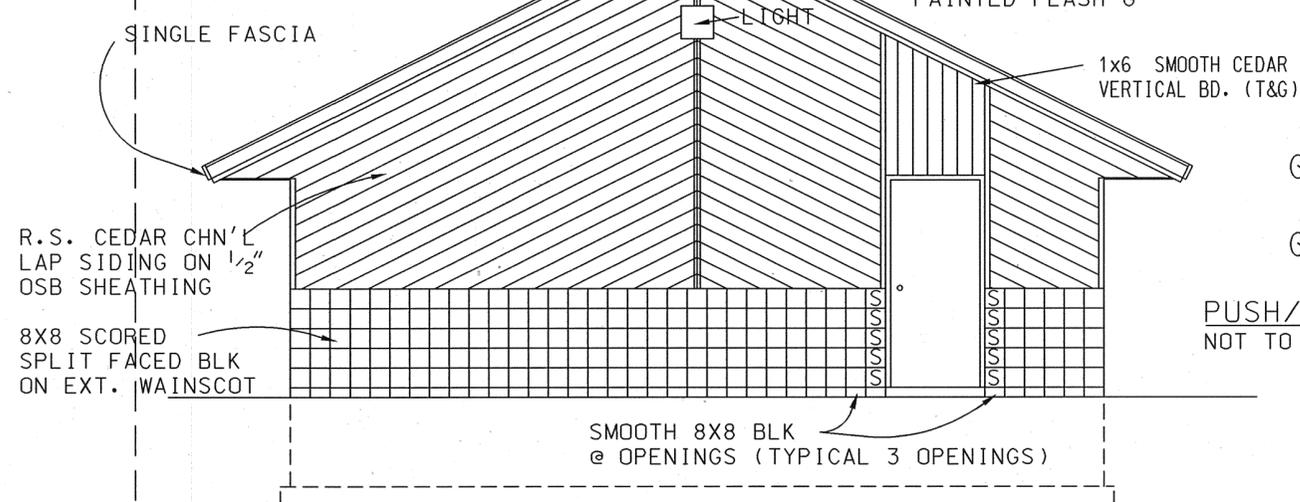
REAR ELEVATION
SCALE: 1/4" = 1'-0"

DOOR HARDWARE: (BASIC HRDWR SET #9)
TOILET ROOM DOORS TO BE: PAINTED HOLLOW METAL (DOORS & FRAME) W/ PUSH/PULL HARDWARE (SEE BELOW) AND DEAD BOLT W/ INTERIOR THUMB BOLT LATCH THUMBOLT KEYPED FROM EXTERIOR & NON-LOCK'G AGAINST EGRESS W/ NON-LOCK'G FROM INTERIOR HARDWARE TO BE BRUSHED CHROME

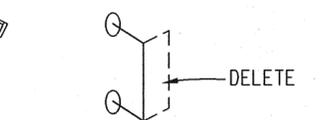


FLOOR PLAN
SCALE: 1/4" = 1'-0"

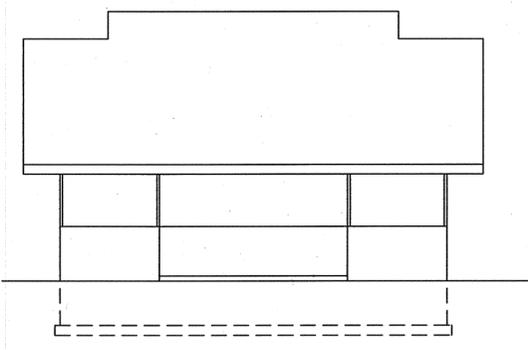
NOTE:
VERIFY FIXTURES ON MECHANICAL PLAN



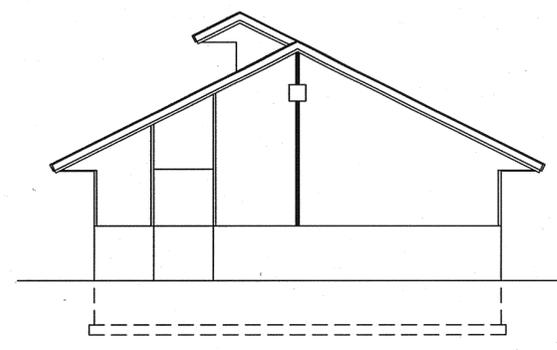
RIGHT ELEVATION
SCALE: 1/4" = 1'-0"



PUSH/PULL HRDWR NOT TO SCALE



FRONT ELEVATION
SCALE: 1/8" = 1'-0"



LEFT ELEVATION
SCALE: 1/8" = 1'-0"

'92' BASIC RESTROOM FACILITY

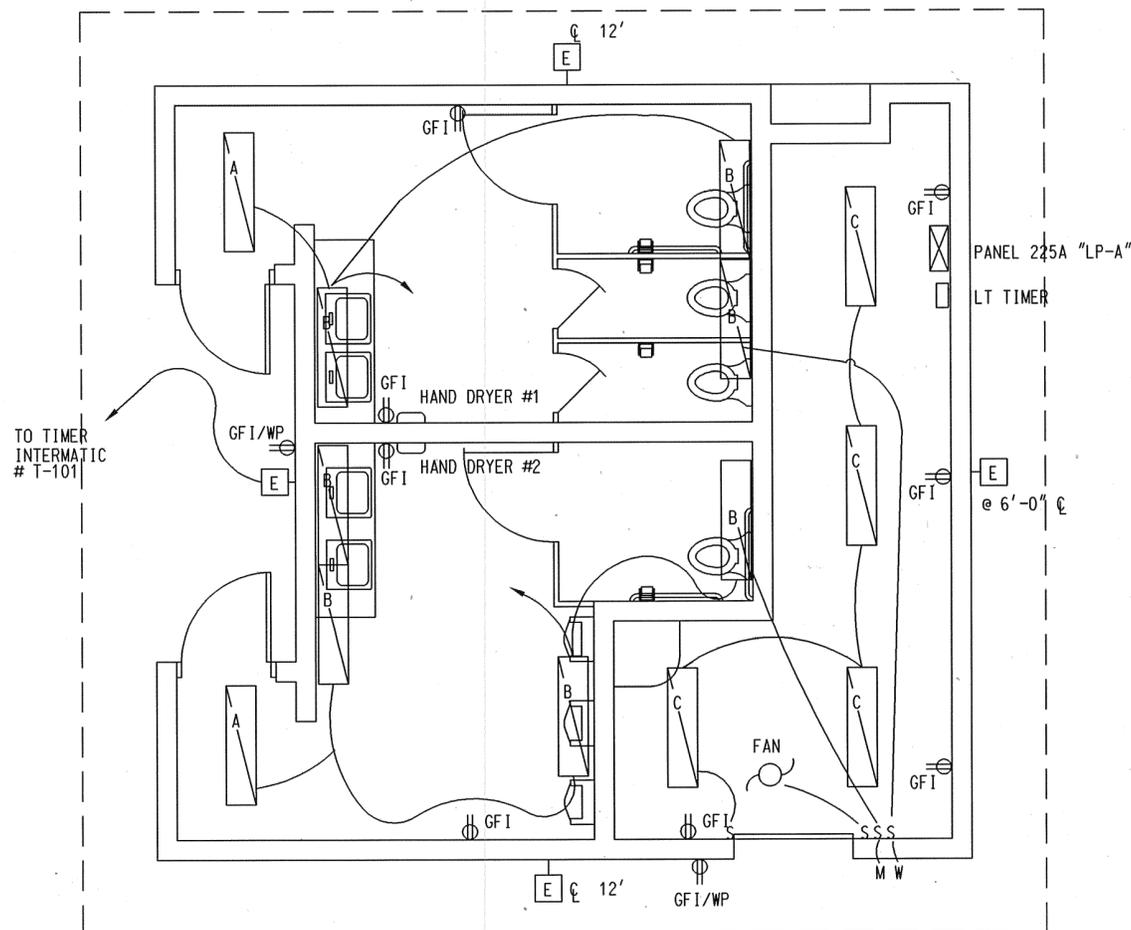
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PROJECT NO.	DRAWING NO.		
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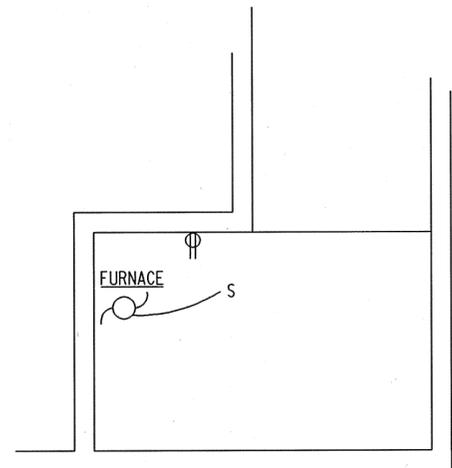
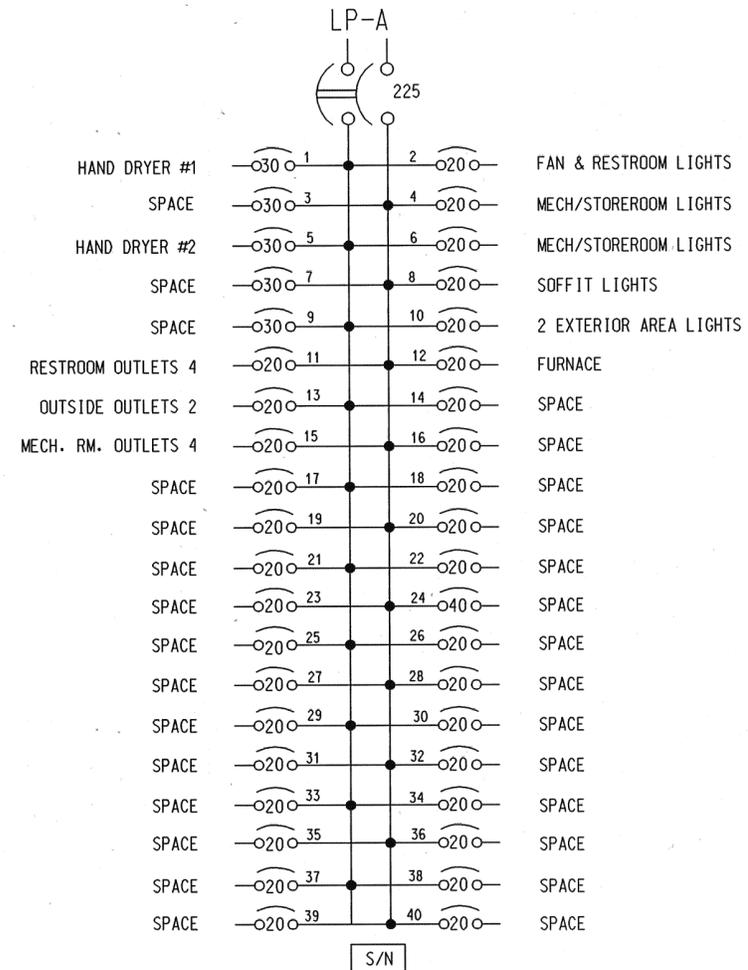
LIGHTING SYMBOLS

-  METALUX VT-240LEX-120V-DL-VR (NOT COLD WEATHER BALAST.)
2 LAMP 120 VOLTS.
-  ALKCO CORNER FLUORESCENT CAT. #8542-LXTP, 2 LAMP 120 VOLTS.
-  METALUX VT-240-DR-120V W/ COLD WEATHER BALLAST
-  AMERICAN ELECTRIC ENERGY SAVER II, CAT #E52-70
-  PORCELAIN LAMP SOCKETS WITH 100W BULBS (130V LAMP)
-  HAND DRYERS BY AMERICAN DRYERS MODEL DR-20
@ 40" A.F.F.

GENERAL NOTES:
 1. CONTRACTOR TO VERIFY ELECTRICAL UTILITIES & LOCATION W/CONSUMERS POWER CO.
 2. ELECTRICAL CONTRACTOR TO INSTALL METER SOCKET.
 3. ELECTRICAL CONTRACTOR TO PROVIDE ALL TEMP. POWER & LIGHTING.
 4. TIMER TO BE SUPPLIED FOR ALL EXTERIOR LIGHTING.
 5. NO CONDUIT REQD. EXCEPT WHEN WIRING CAN NOT BE RUN INSIDE STUD WALLS OR WOOD FRAMED CEILING JOIST.



LIGHTING / POWER PLAN
 SCALE: 1/4" = 1'-0"

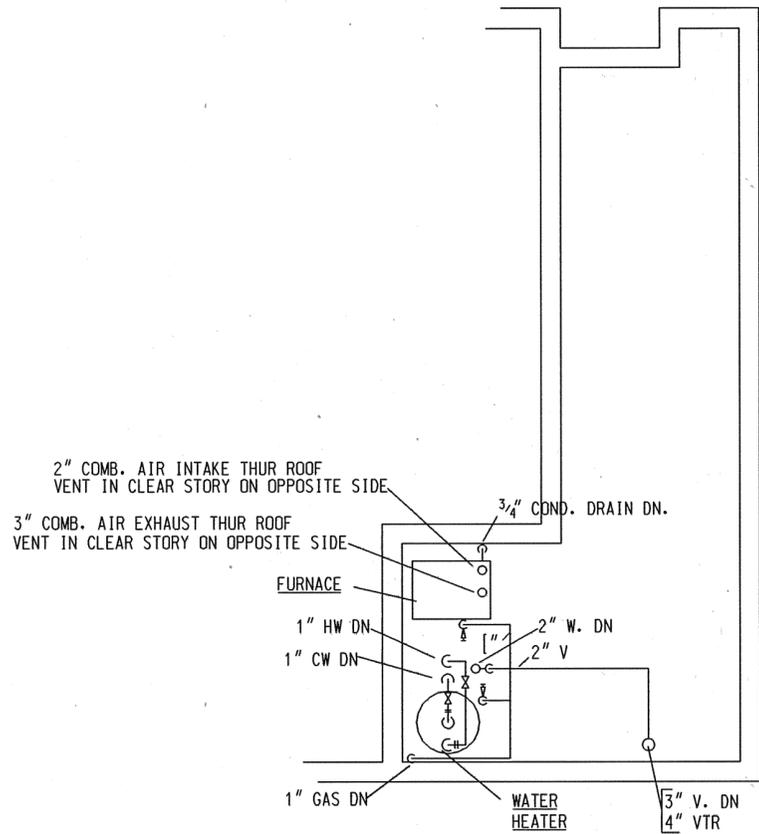


MEZZANINE PLAN
 SCALE: 1/4" = 1'-0"

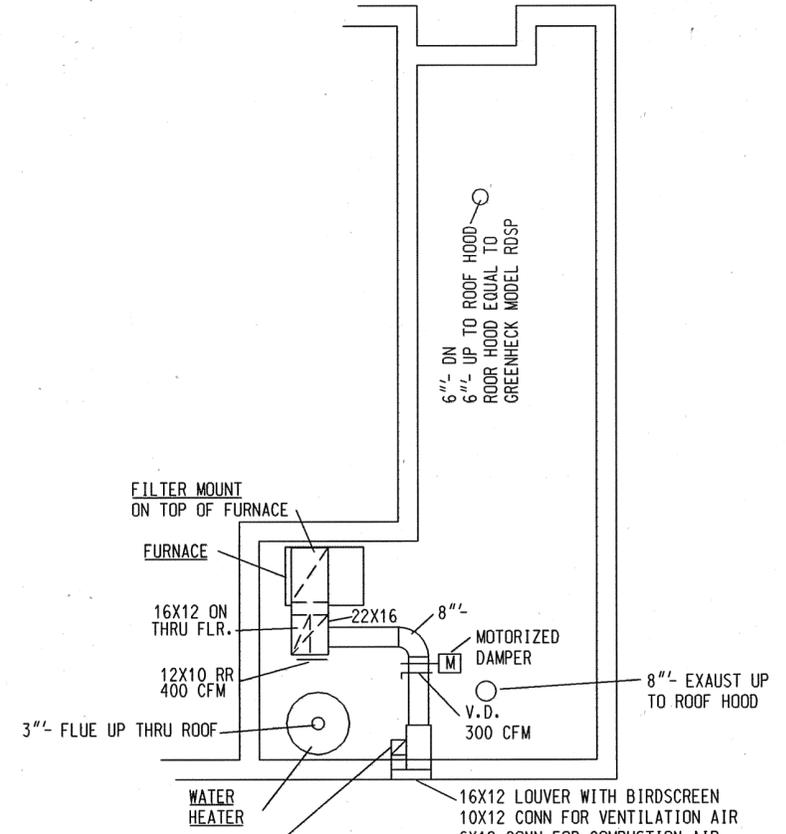
'92' BASIC RESTROOM FACILITY

DRAWN	CHECKED	APPROVED	AUG 1998
PROJECT NO.			E1
DRAWING NO.			

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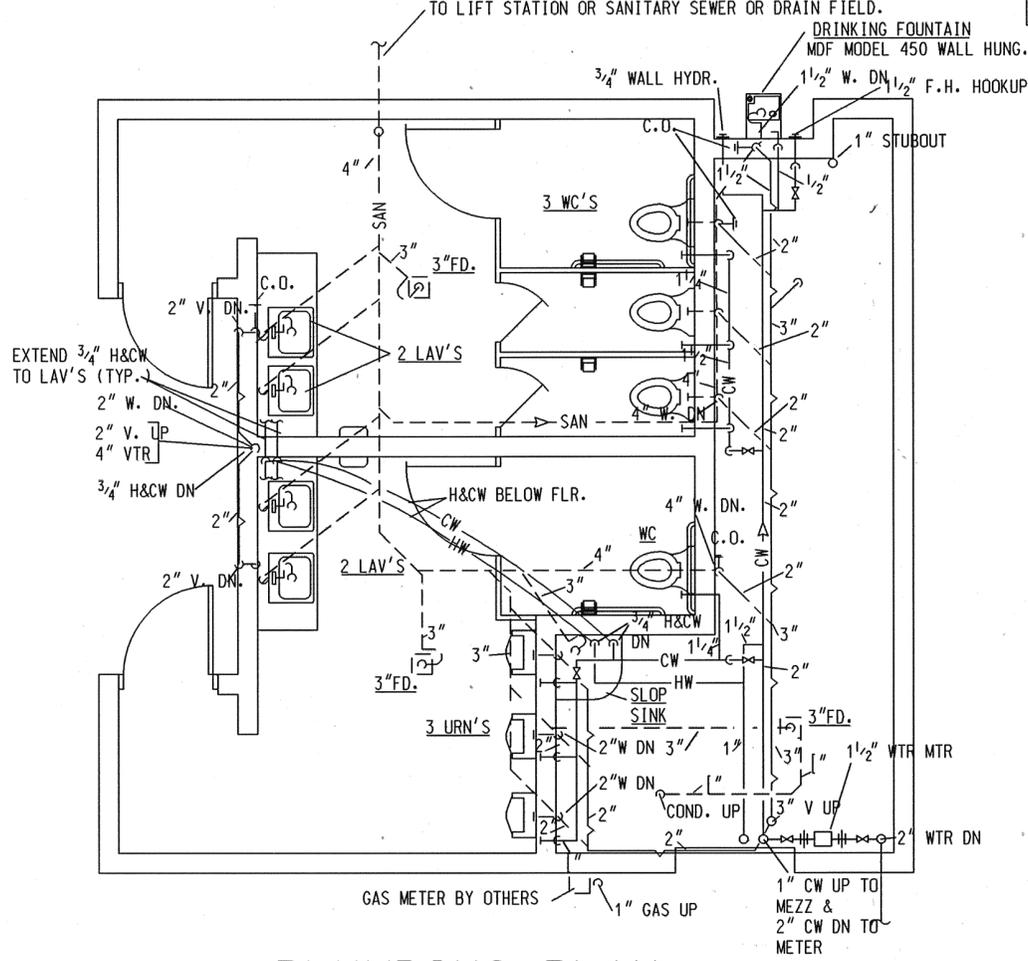


MEZZANINE PIPING PLAN
SCALE: 1/4" = 1'-0"



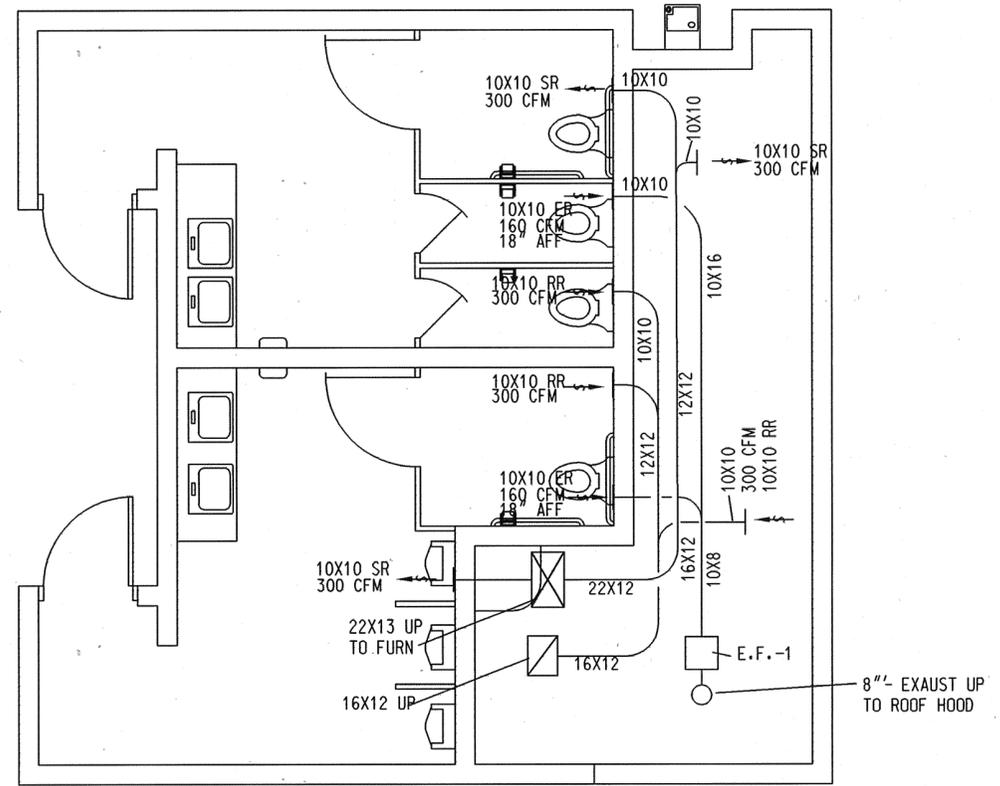
MEZZANINE LAYOUT
SCALE: 1/4" = 1'-0"

GENERAL NOTE:
CONTRACTOR TO BE RESPONSIBLE FOR COORDINATING GAS & UTILITIES W/MICHIGON CO. & OWNER ON WATER AND SEWER.



PLUMBING PLAN
SCALE: 1/4" = 1'-0"

NOTES:
1. INSTALL DRAIN VALVES AT ALL LOW POINTS ON PIPING PROVIDE FOR BLOWING OUT WATER LINES



HEATING PLAN
SCALE: 1/4" = 1'-0"

'92' BASIC RESTROOM FACILITY

DRAWN	CHECKED	APPROVED	RUG 1998
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			M1

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