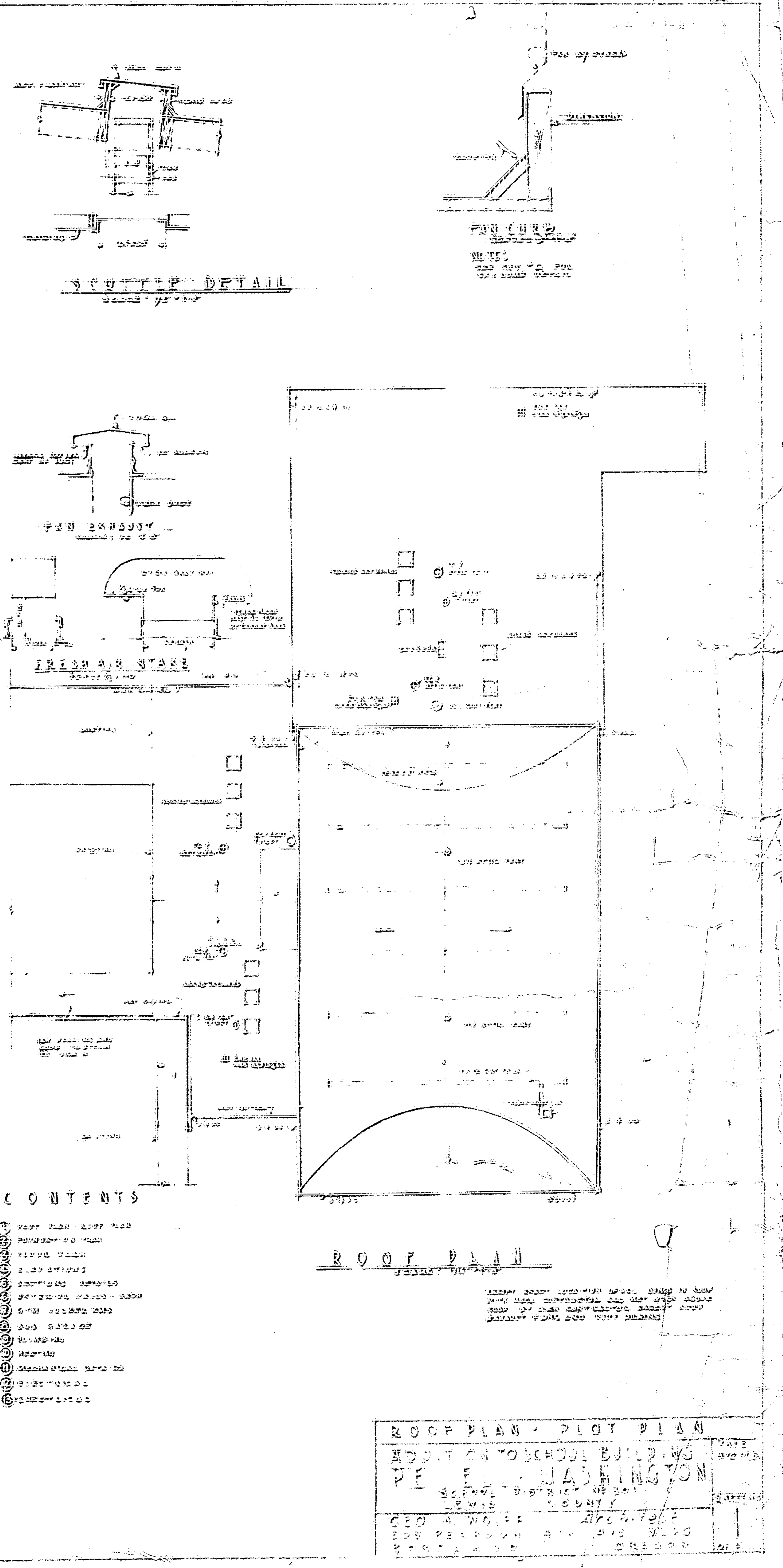
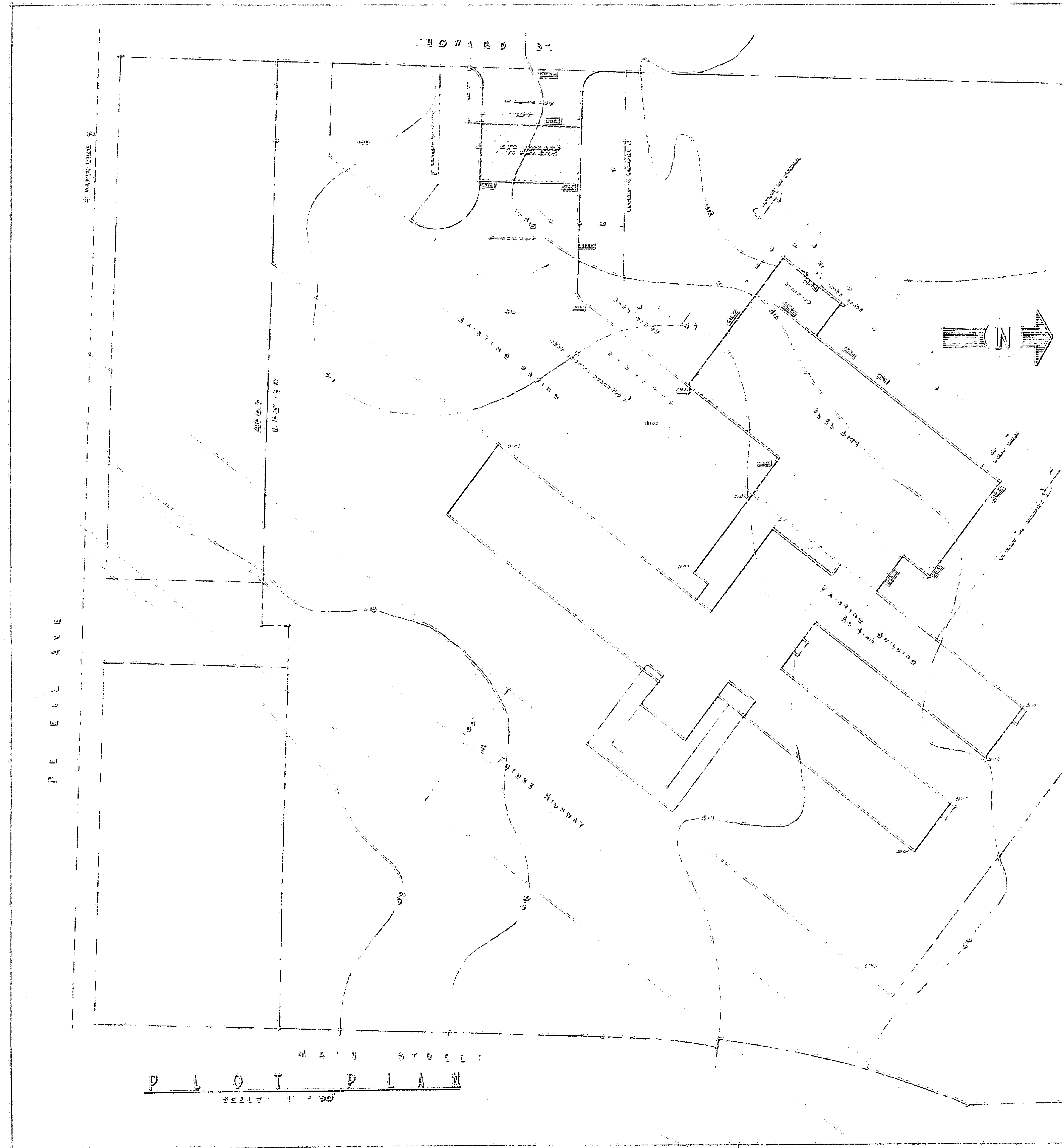
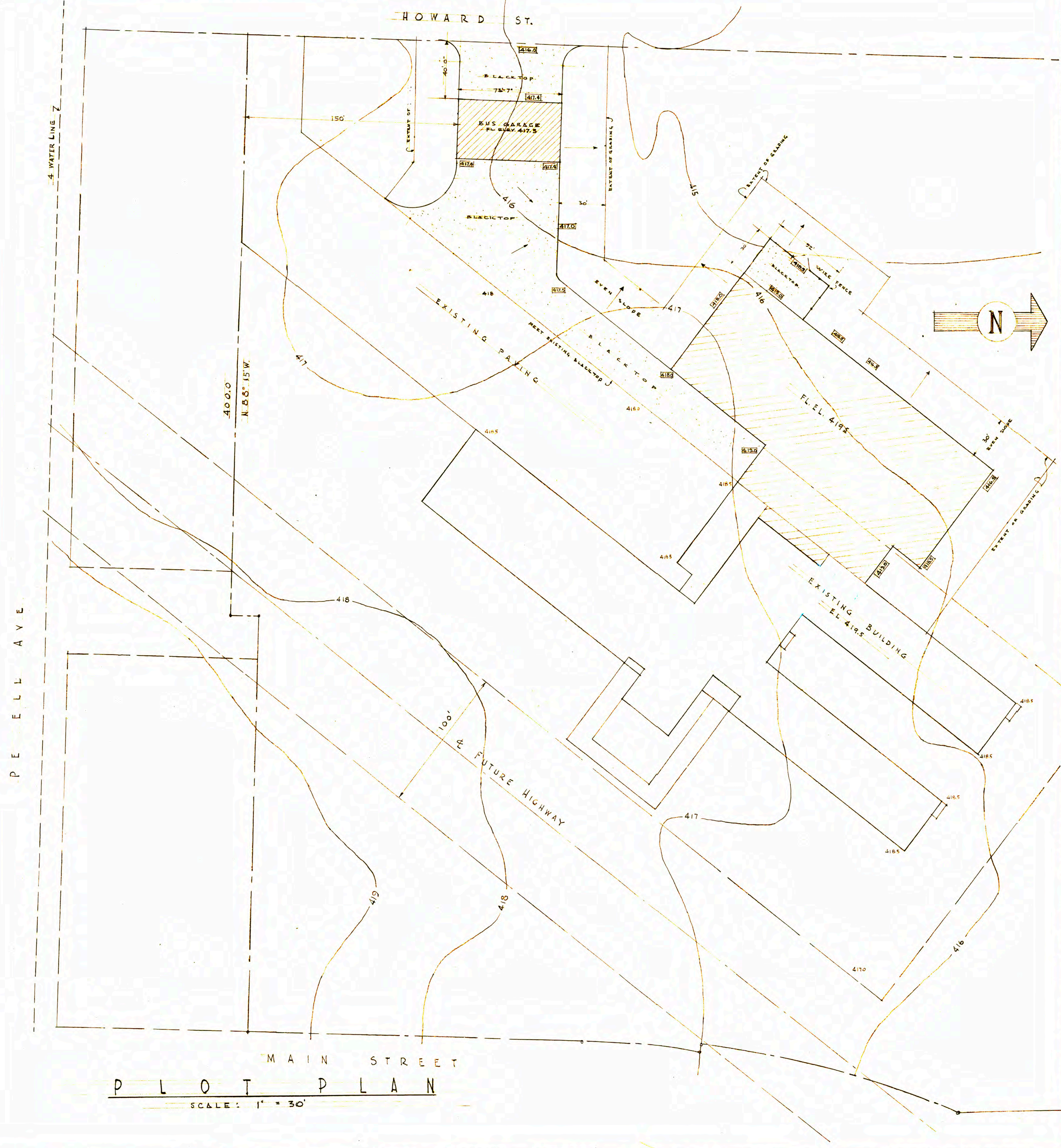






SCUTTLE DETAIL
SCALE: 1/2" = 1'-0"

FAN CURB
SCALE: 3/4" = 1'-0"

NOTE:
SEE SHEET "G" FOR
SKY DOME DETAIL

FAN EXHAUST
SCALE: 1/2" = 1'-0"

FRESH AIR INTAKE
SCALE: 1/2" = 1'-0"

CONTENTS

1. PLOT PLAN - ROOF PLAN
2. FOUNDATION PLAN
3. FLOOR PLAN
4. ELEVATIONS
5. SECTIONS - DETAILS
6. EXTERIOR WALLS - SASH
7. GYM. LOCKER RMS.
8. BUS GARAGE
9. PLUMBING
10. HEATING
11. MECHANICAL DETAILS
12. ELECTRICAL
13. ELECTRICAL

ROOF PLAN
SCALE: 1/16" = 1'-0"

VERIFY EXACT LOCATION OF ALL DINGS IN ROOF
WITH MECH. CONTRACTOR. ALL MECH. WORK ABOVE
ROOF BY GEN. CONTRACTOR EXCEPT ROOF
EXHAUST FANS AND ROOF DRAINS

ROOF PLAN - PLOT PLAN

ADDITION TO SCHOOL BUILDING
PELL - WASHINGTON

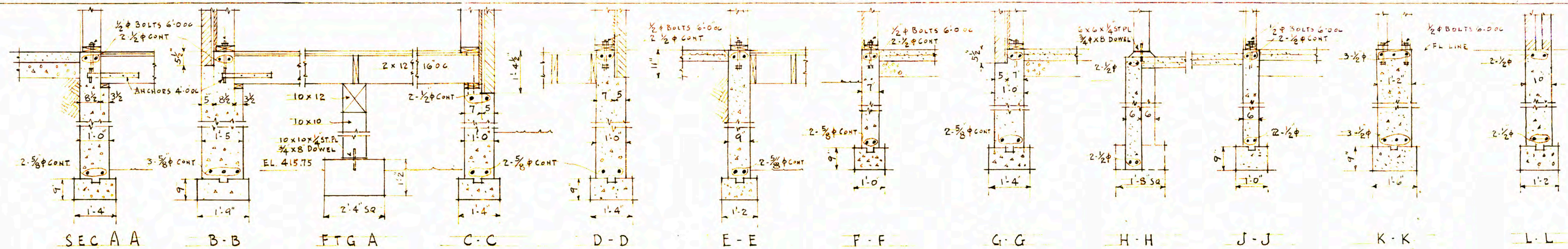
SCHOOL DISTRICT NO 301
LEWIS COUNTY

GEO M. WOLFF Architect
509 PEARSON 4TH AVE BLDG
PORTLAND OREGON.

DATE
Aug 19, 59

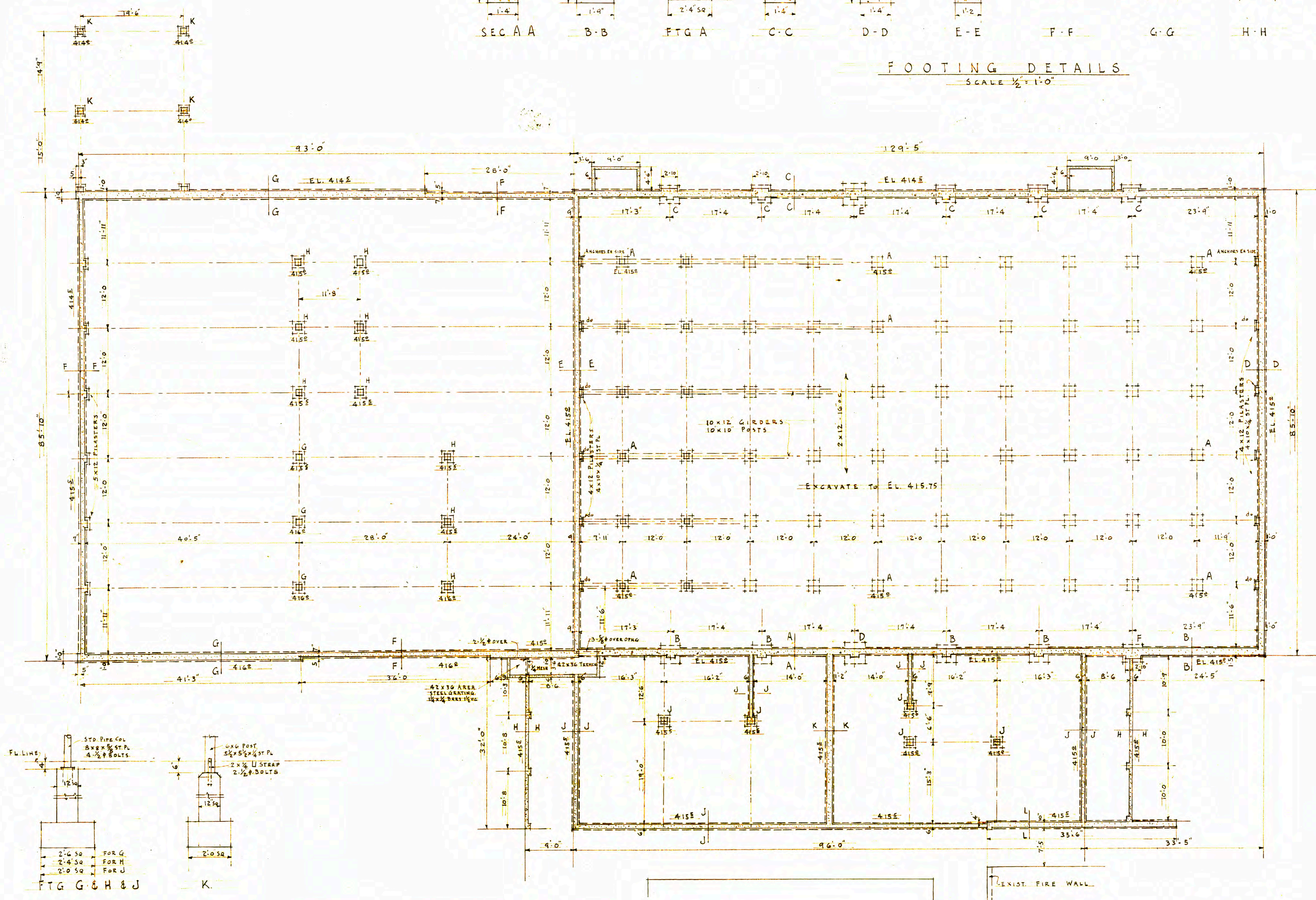
SHEET NO
1

OF 13



FOOTING DETAILS

SCALE 1/2" = 1'-0"



FOUNDATION PLAN

SCALE 1/8" = 1'-0"

NOTES

ELEVATIONS GIVEN ARE TO BOTTOM OF FOOTING
ALL CONCRETE SLABS ON GROUND UNLESS OTHERWISE SHOWN
SHALL BE 4" THICK AND SHALL BE REINFORCED WITH 6x6 #10-10 MESH.

LOADS

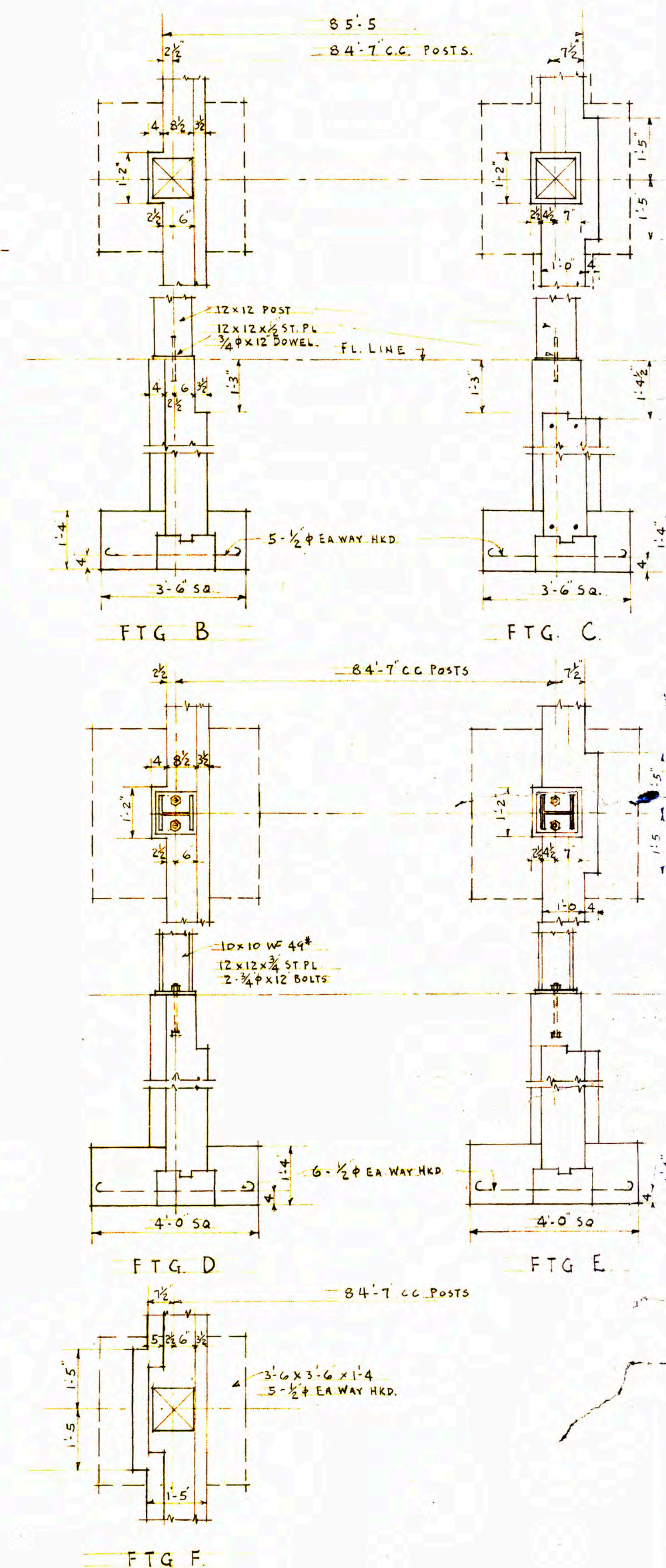
SOIL BEARING FIGURED AT 4000# PER SQ. FT.

LIVE LOADS

ROOF 30# PER SQ. FT.
GYM FLOOR & STAGE 100# " " "

CONCRETE STRESSES

$f'_c = 2000\#$ AT 28 DAYS
 $f_s = 18000\#$ PER SQ. IN.
ALL CONTINUOUS BARS SHALL BE LAPPED 40 DIA AT SPLICES
AND SHALL BE CONTINUOUS AROUND CORNERS.



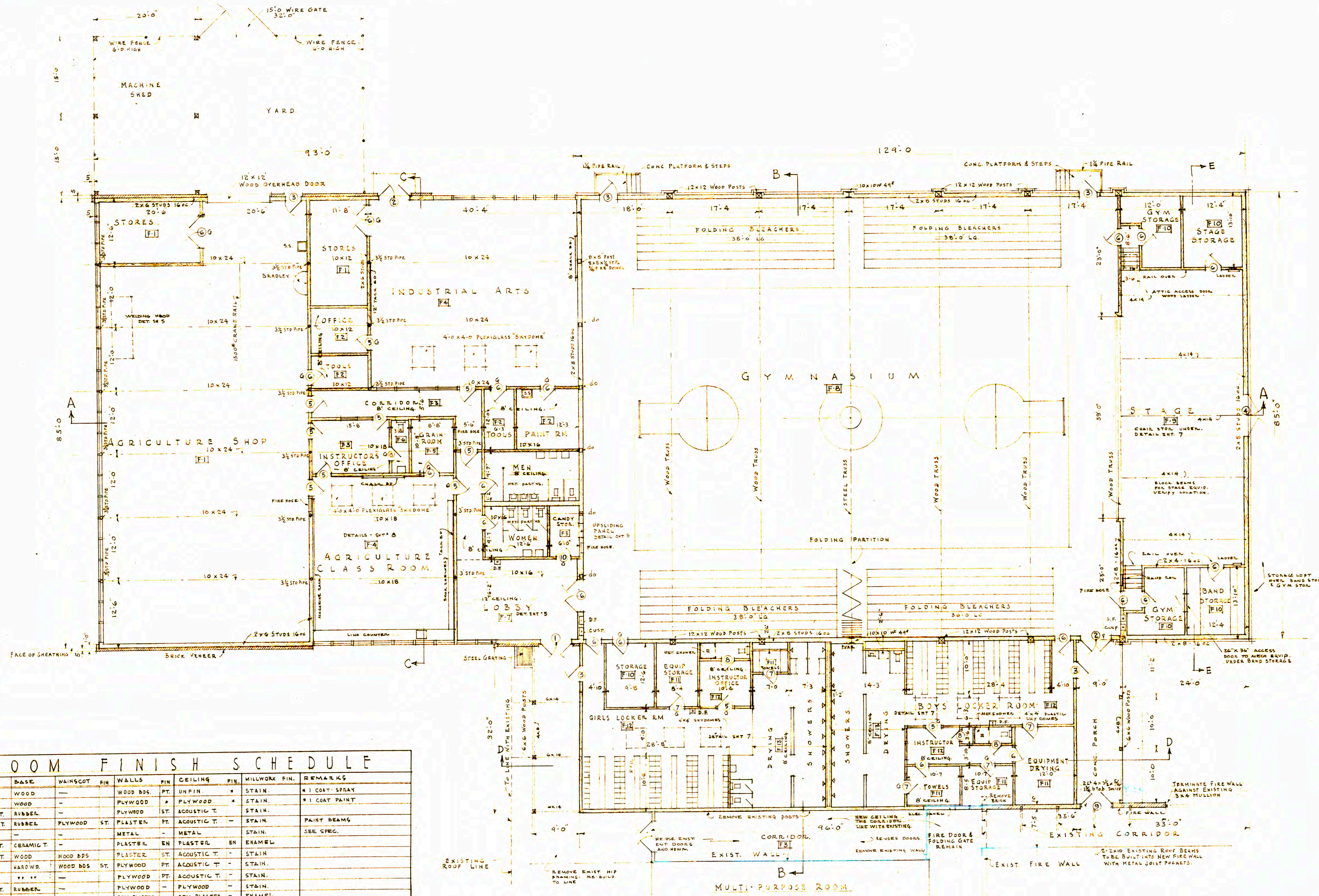
FOUNDATION PLAN - FOOTING DETAILS

ADDITION TO SCHOOL BUILDING
PELL WASHINGTON
SCHOOL DISTRICT NO 301
LEWIS COUNTY

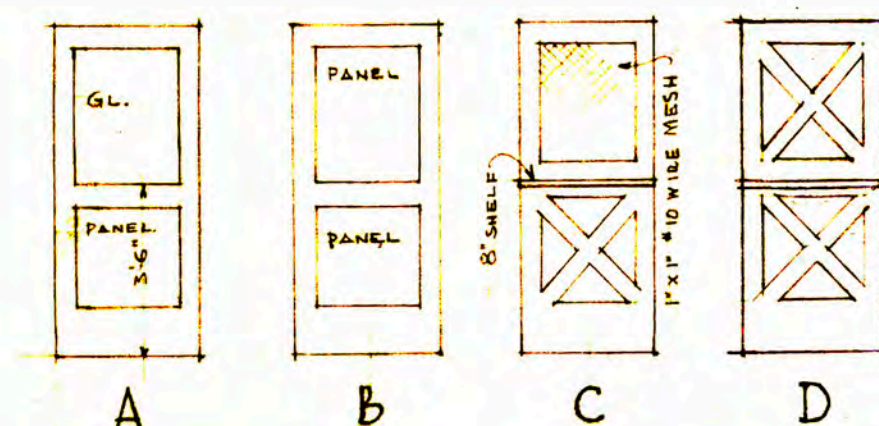
GEO. M. WOLFF Architect
509 PEARSON 4TH AVE. BLDG
PORTLAND OREGON

DATE
AUG 19, 53

SHEET NO
2
OF 13



DOOR SCHEDULE					
NO.	SIZE	THK	TYPE	GLASS	REMARKS
1	3'0" x 7'0"	2"	A	WIRE PL.	PL. DOORS
2	3'0" x 7'0"	2"	B	-	-
3	3'4" x 7'0"	2"	B	-	-
4	4'0" x 8'0"	2"	B	-	INSIDE HOWA ONLY
5	3'4" x 6'8"	1 3/4"	A	CLEAR	-
6	3'0" x 6'8"	1 3/4"	B	-	-
7	3'0" x 6'8"	1 3/4"	C	-	DUTCH
8	2'6" x 6'8"	1 3/4"	B	-	-
9	3'0" x 7'0"	2"	-	-	B LABEL DOOR & FRAME
10	3'0" x 6'8"	1 3/4"	-	-	DUTCH



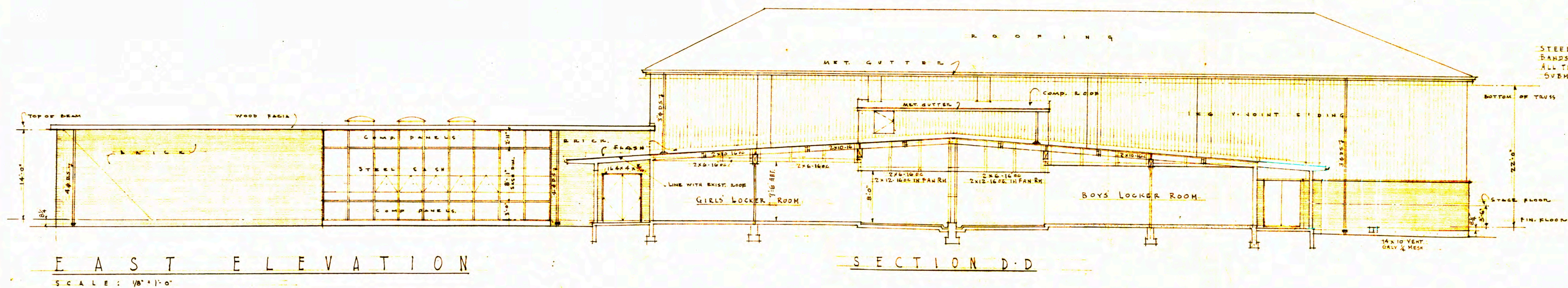
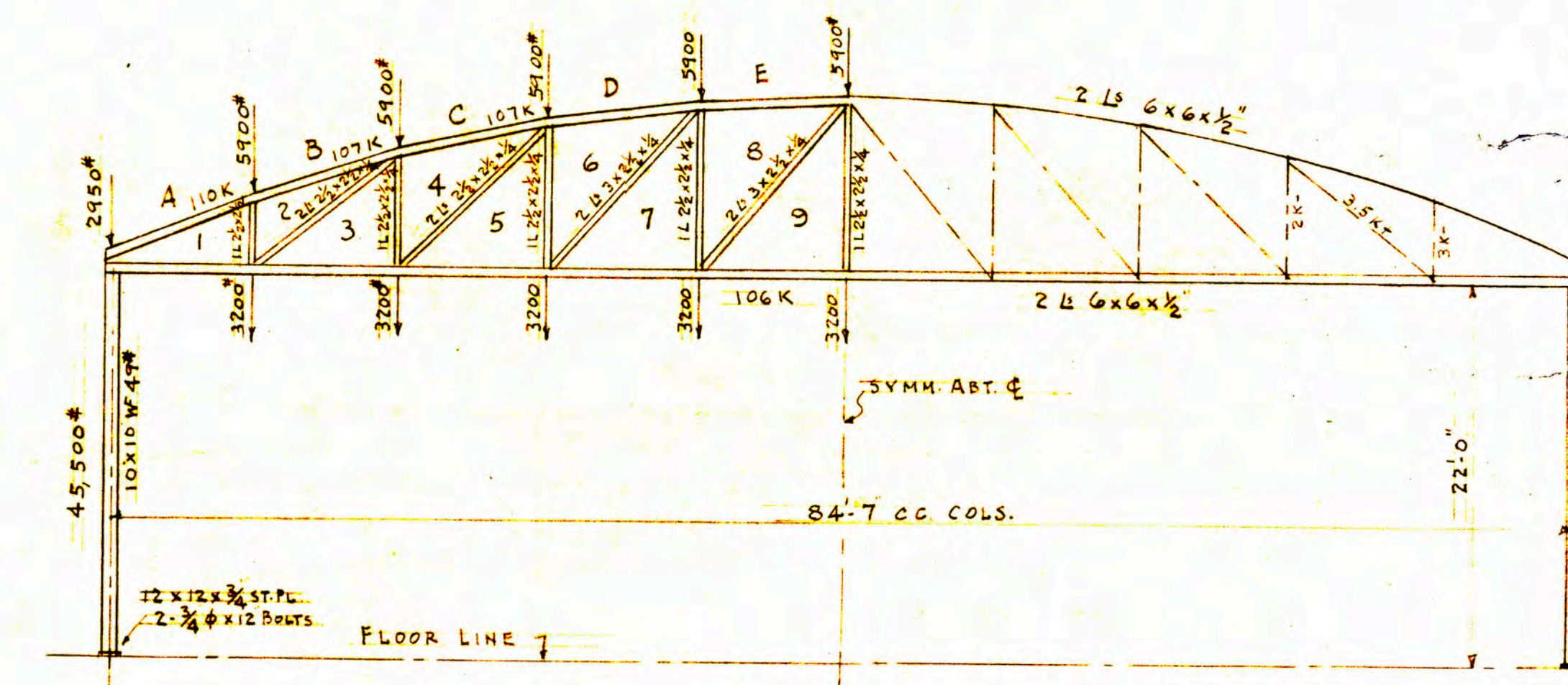
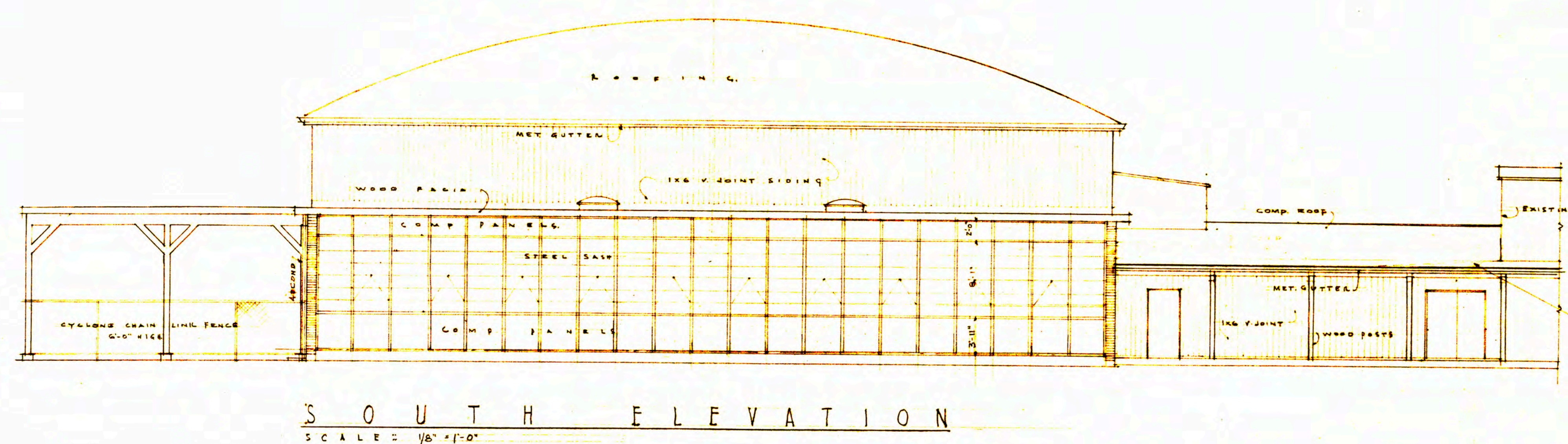
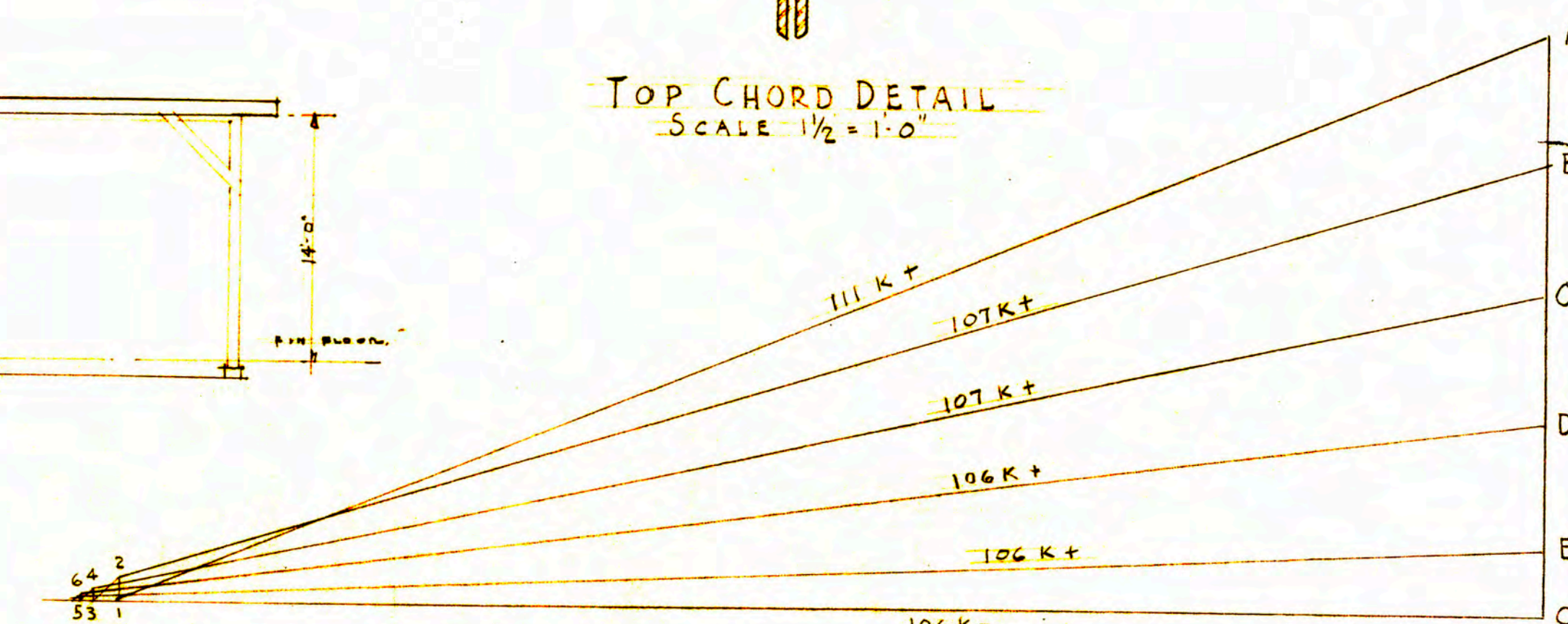
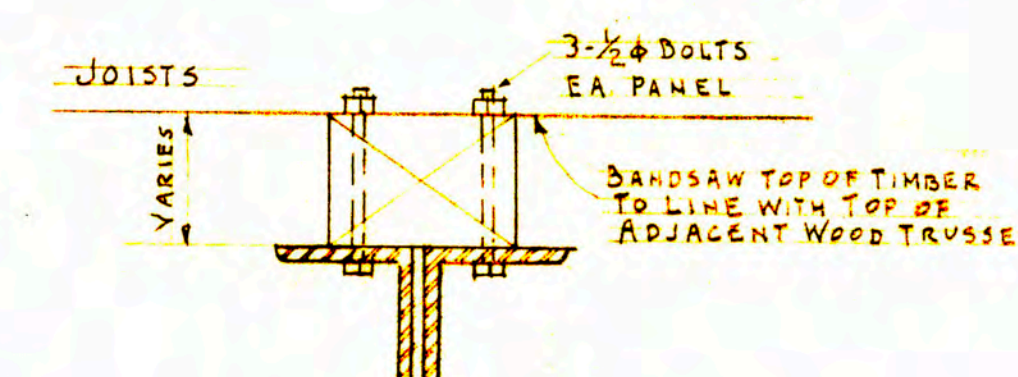
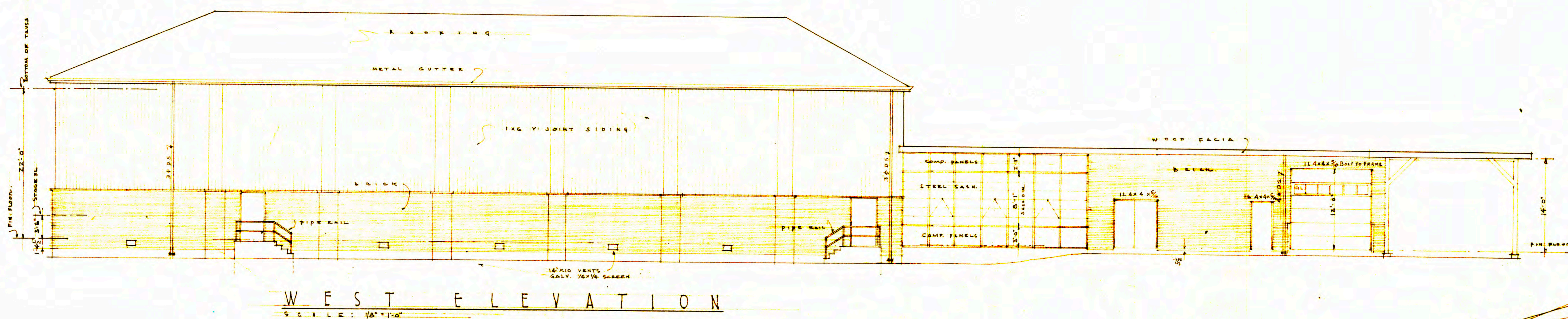
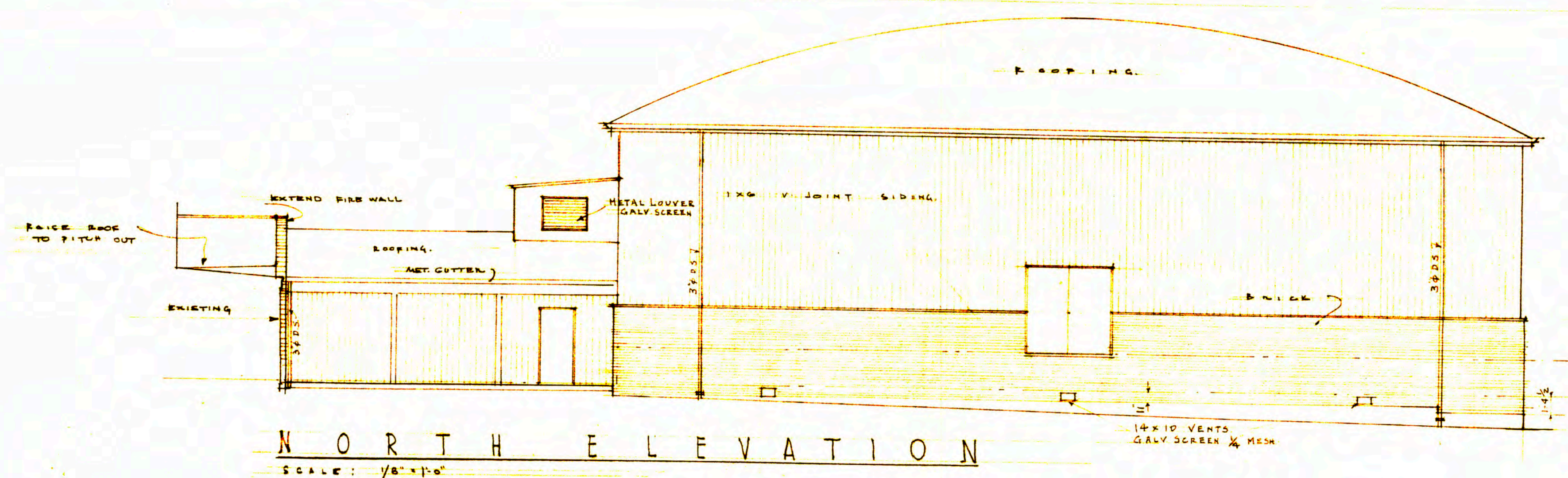
DOORS MARKED G ON PLAN SHALL HAVE 18"x12" METAL GRILLE IN BOTTOM RAIL.

ROOM FINISH SCHEDULE									
NO.	FLOOR	BASE	WAINSCOT	FIN.	WALLS	FIN.	CEILING	FIN.	REMARKS
F-1	CEMENT	WOOD	-	-	WOOD BBS.	PT.	UNFIN.	-	#1 COAT SPRAY
F-2	CEMENT	WOOD	-	-	PLYWOOD	PT.	PLYWOOD	-	#1 COAT PAINT
F-3	ASPHALT T.	RUBBER	-	-	PLYWOOD	ST.	ACOUSTIC T.	-	STAIN.
F-4	ASPHALT T.	RUBBER	PLYWOOD	ST.	PLASTER	PT.	ACOUSTIC T.	-	PAINT BEAMS
F-5	CEMENT	-	-	-	METAL	-	METAL	-	STAIN.
F-6	CERAMIC T.	CERAMIC T.	-	-	PLASTER	EN	PLASTER	EN	ENAMEL
F-7	ASPHALT T.	WOOD	WOOD BBS.	ST.	PLYWOOD	PT.	ACOUSTIC T.	-	STAIN.
F-8	HARD WD.	HARD WD.	WOOD BBS.	ST.	PLYWOOD	PT.	ACOUSTIC T.	-	STAIN.
F-9	ASPHALT T.	RUBBER	-	-	PLYWOOD	PT.	ACOUSTIC T.	-	STAIN.
F-10	ASPHALT T.	RUBBER	-	-	PLYWOOD	PT.	ACOUSTIC T.	-	STAIN.
F-11	CEMENT	CEMENT	-	-	CEM. PLASTER	EN	CEM. PLASTER	EN	ENAMEL
F-12	CEMENT	CEMENT	-	-	CEM. PLASTER	EN	CEM. PLASTER	EN	ENAMEL
F-13	CERAMIC T.	CERAMIC T.	-	-	CERAMIC T.	EN	CERAMIC T.	EN	ENAMEL
F-14	CERAMIC T.	CERAMIC T.	-	-	CERAMIC T.	EN	CERAMIC T.	EN	ENAMEL

NOTE:
PLYWOOD AT GYM, STAGE, INST. OFFICE, CLASSROOM, INDUSTRIAL ARTS, CORRIDOR TO HAVE 3/8" GYP. BD BACKING.
PROVIDE SHIP LAP BACKING AT GYM ROOM.

EN. ENAMEL
PT. PAINT
ST. STAIN.

FLOOR PLAN		DATE
ADDITION TO SCHOOL BUILDING		AUG 19, 53
PE ELL - WASHINGTON		
SCHOOL DISTRICT NO 301		
LEWIS COUNTY		
GEO. M. WOLFF	Architect	
509 PEARSON 4TH AVE BLDG		
PORTLAND	OREGON	
SHEET NO. 3		
OF 13		



STEEL TRUSS DIAGRAM.
SCALE $\frac{1}{8}'' = 1'-0''$

NOTES

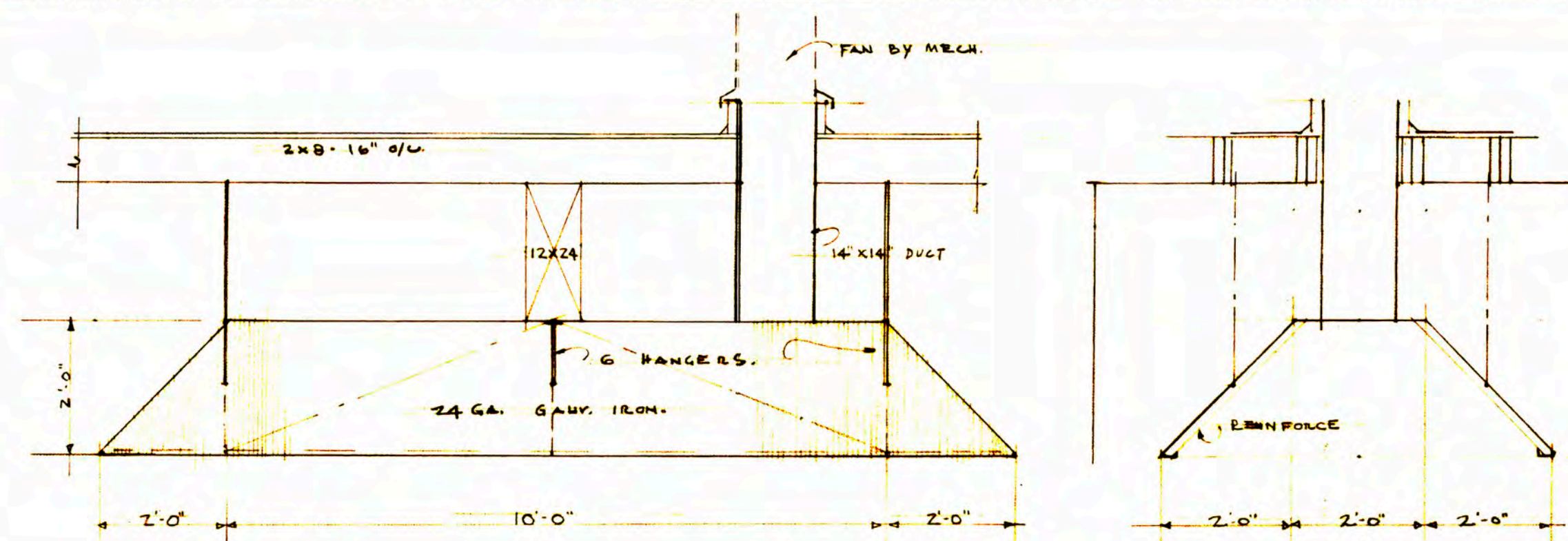
STEEL TRUSS TO APPROXIMATE SHAPE OF ADJOINING WOOD TRUSSES.
BANDSAWED TIMBERS TO BE BOLTED TO TOP CHORD TO LINE WITH OTHER TRUSSES.
ALL TRUSS JOINTS TO BE WELDED FOR STRESSES SHOWN.
SUBMIT SHOP DETAIL: CONNECTIONS FOR THREE ROWS OF WOOD BRACING.

ELEVATIONS - STEEL TRUSS.
ADDITION TO SCHOOL BUILDING
PELL - WASHINGTON
SCHOOL DISTRICT NO 301
LEWIS COUNTY
GEO. M. WOLFF Architect
509 PEARSON 4TH AVE BLDG.
PORTLAND OREGON

DATE
AUG 19, '53

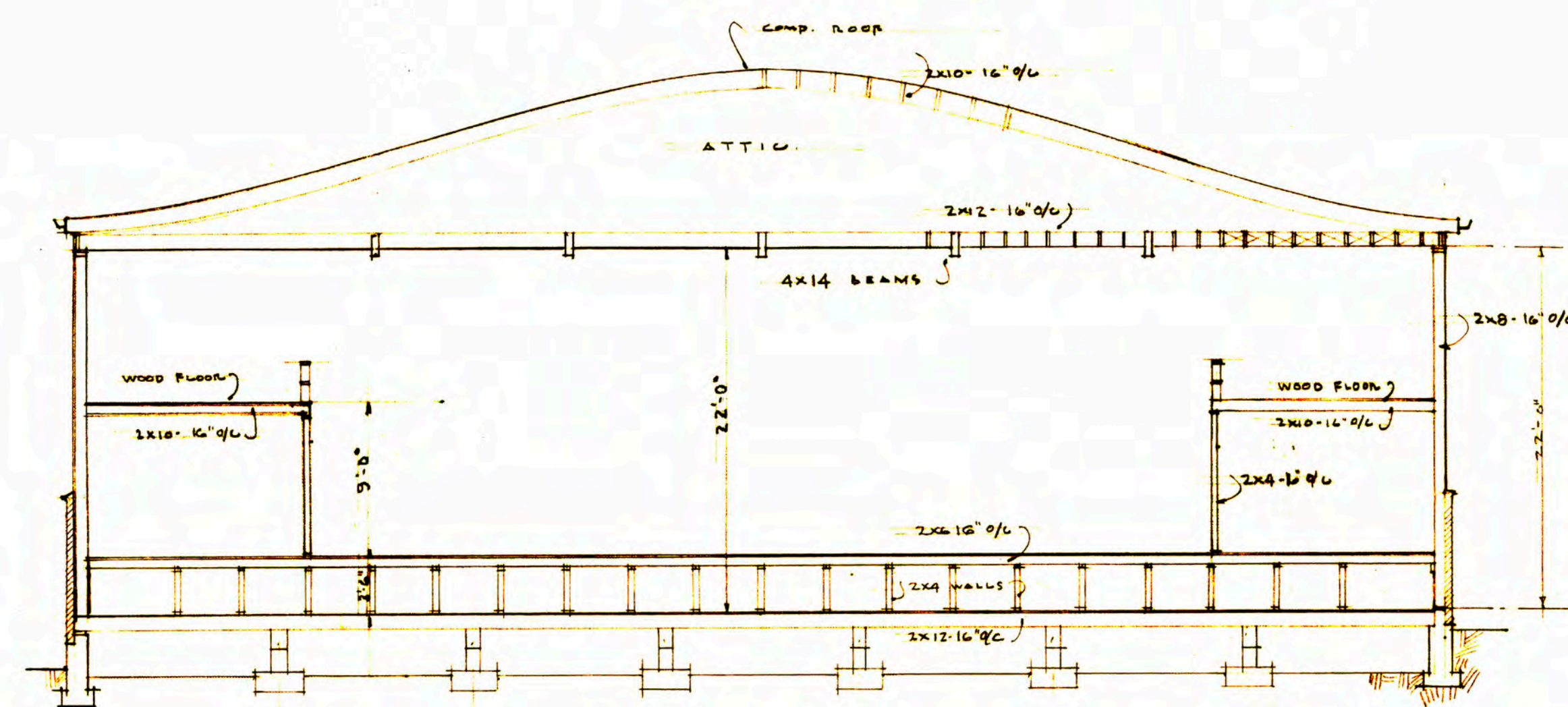
SHEET NO
4

OF 13



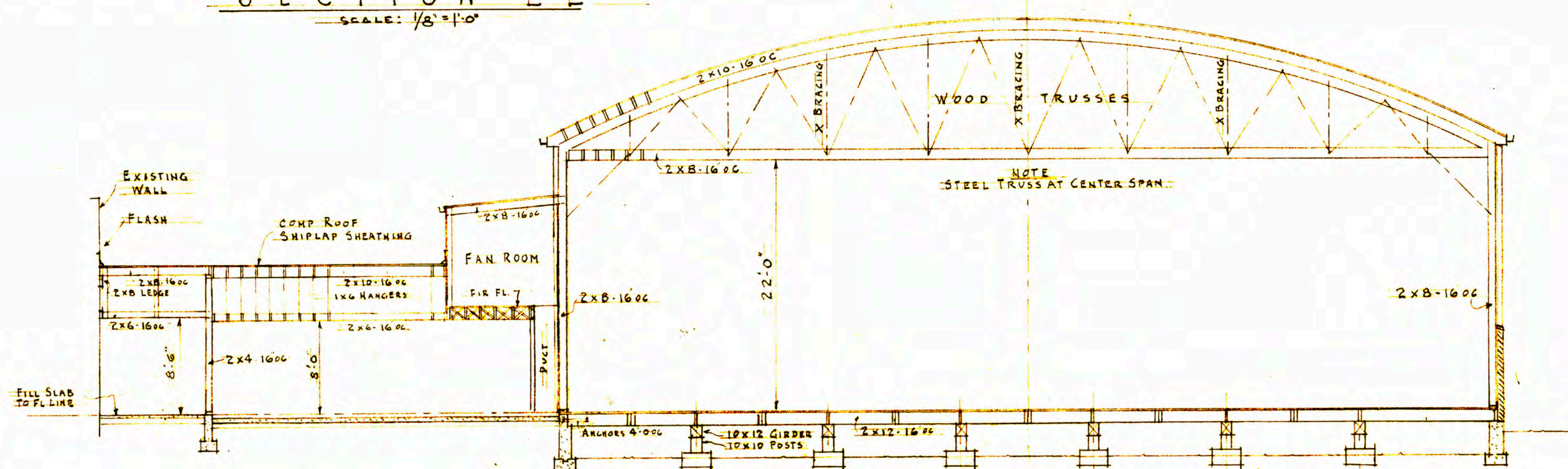
AG SHOP WELDING CANOPY

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



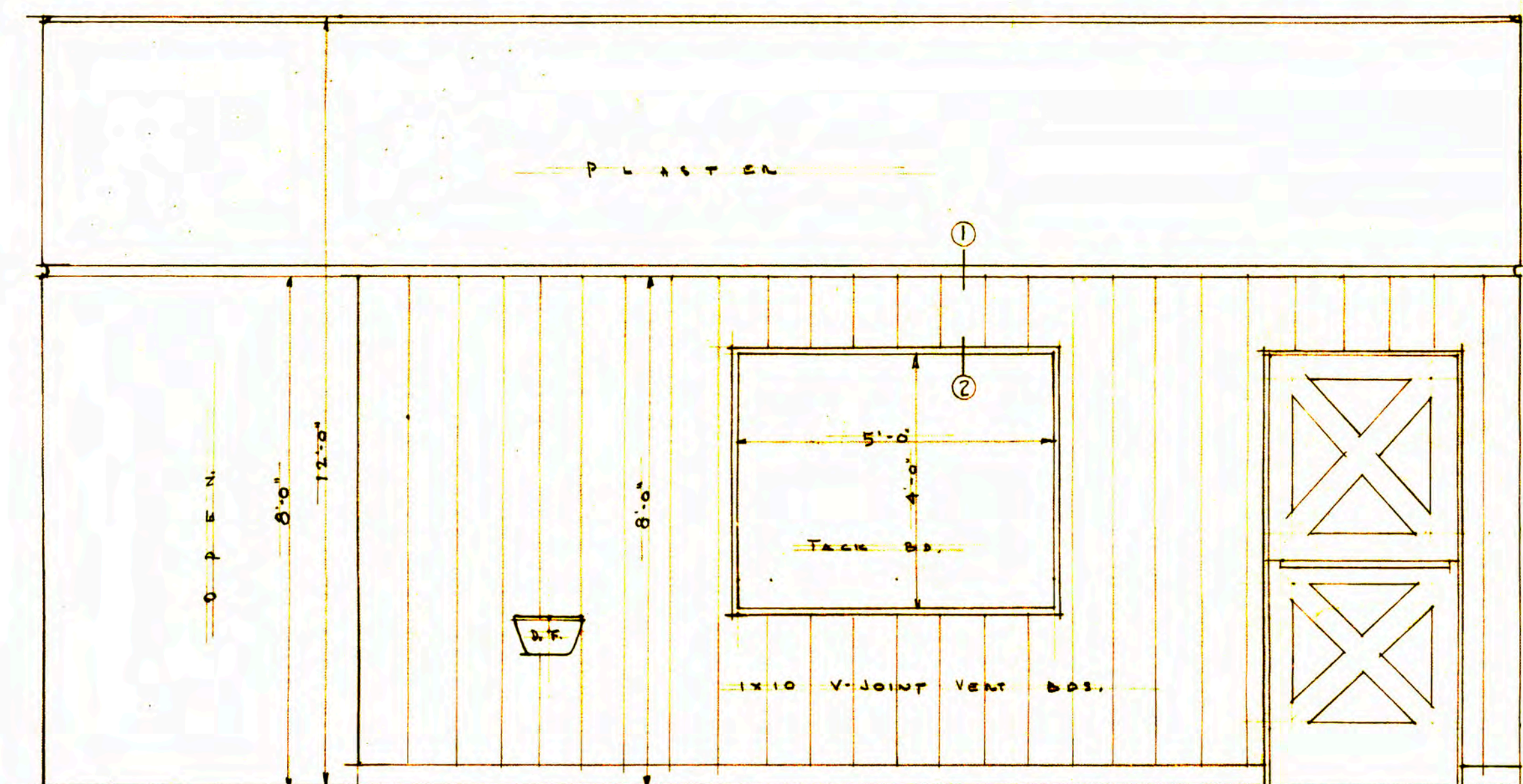
SECTION E-E

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



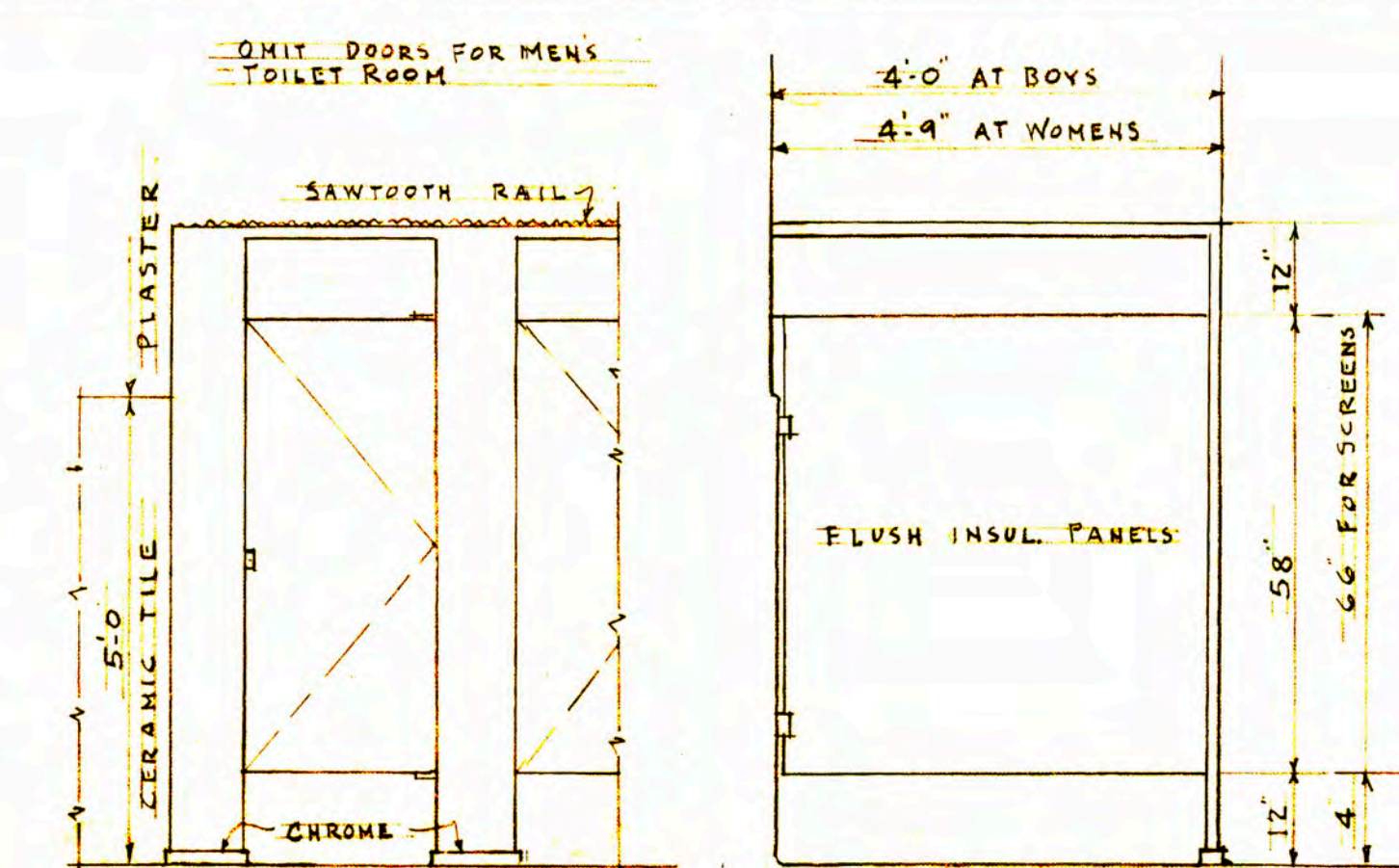
SECTION B-B

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



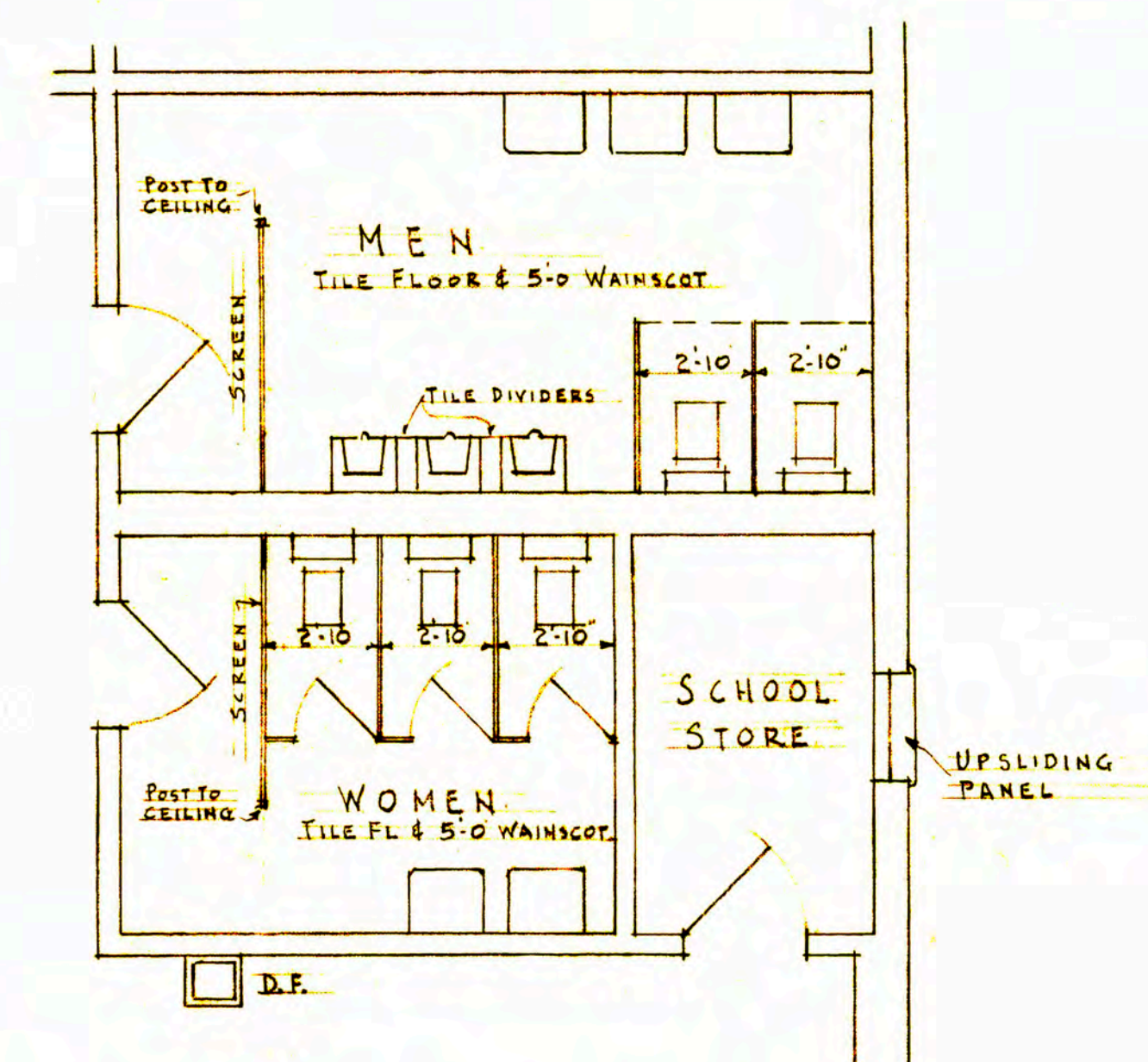
LOBBY ELEVATION

SCALE: 1/2" = 1'-0" OTHER WALLS SIMILAR



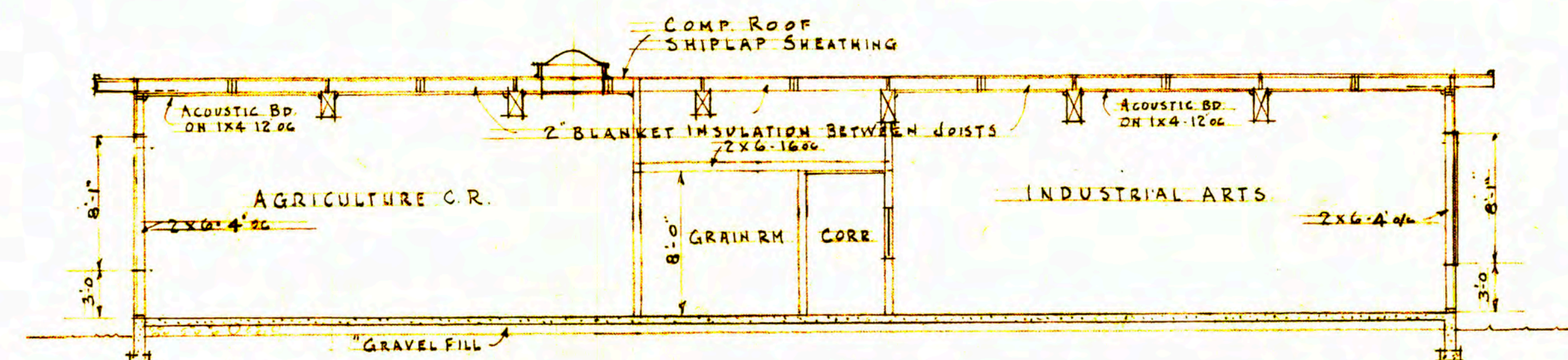
TYPICAL ELEVATIONS

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



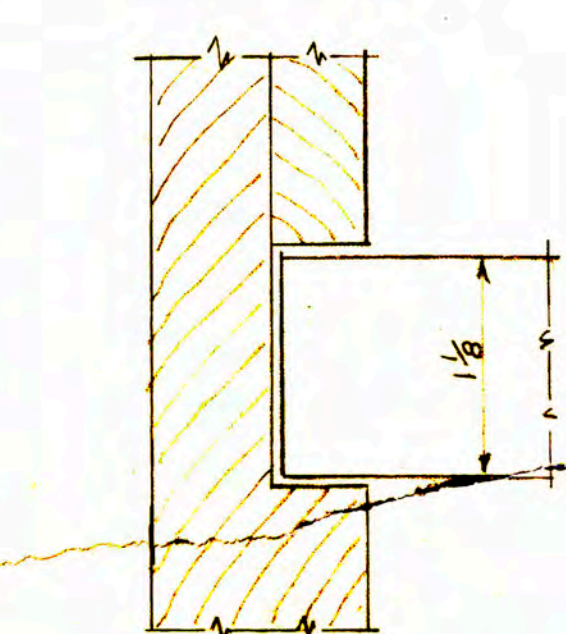
PLAN OF TOILET ROOMS

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

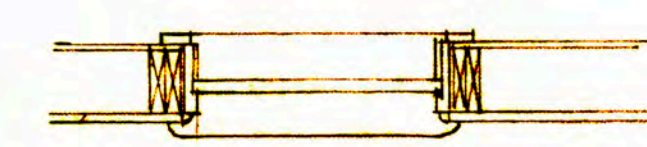


SECTION C-C

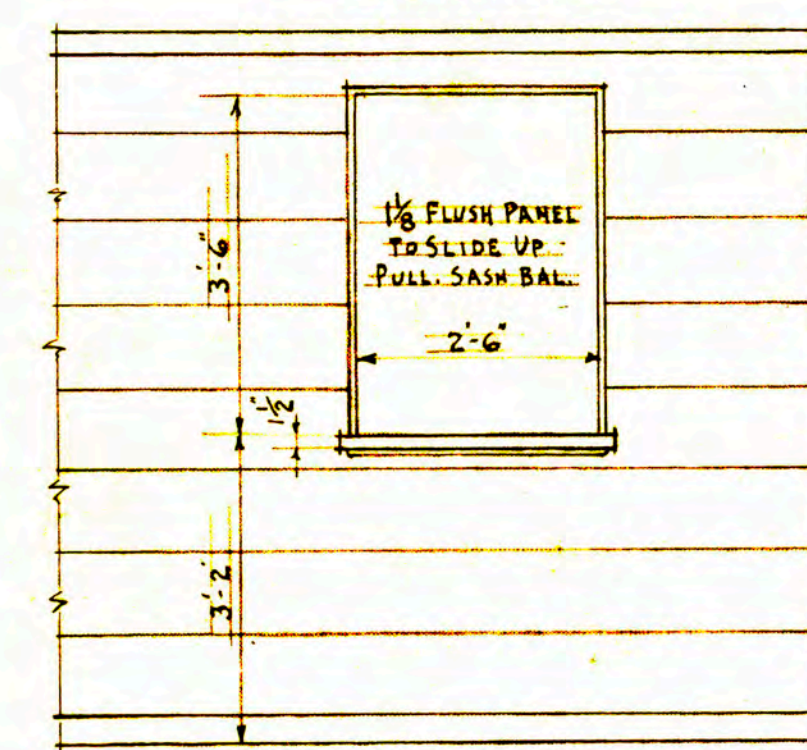
SCALE: 1/8" = 1'-0"



JAMB DETAIL



PLAN

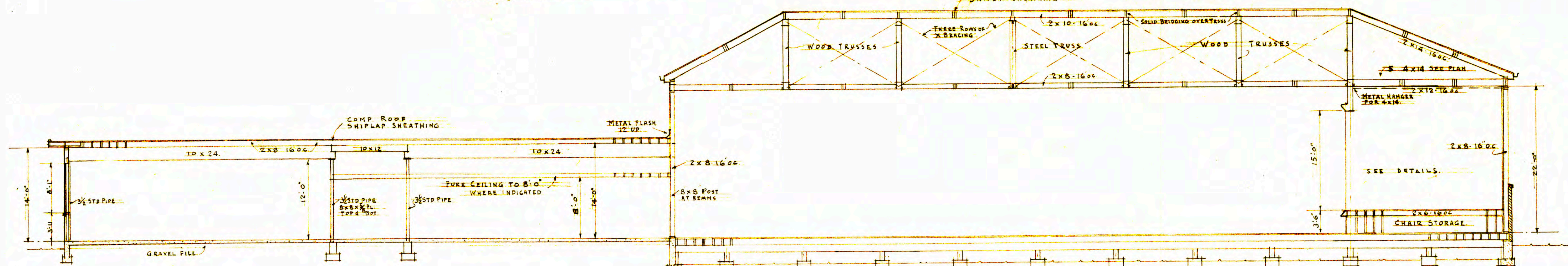


ELEVATION

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

SECTION

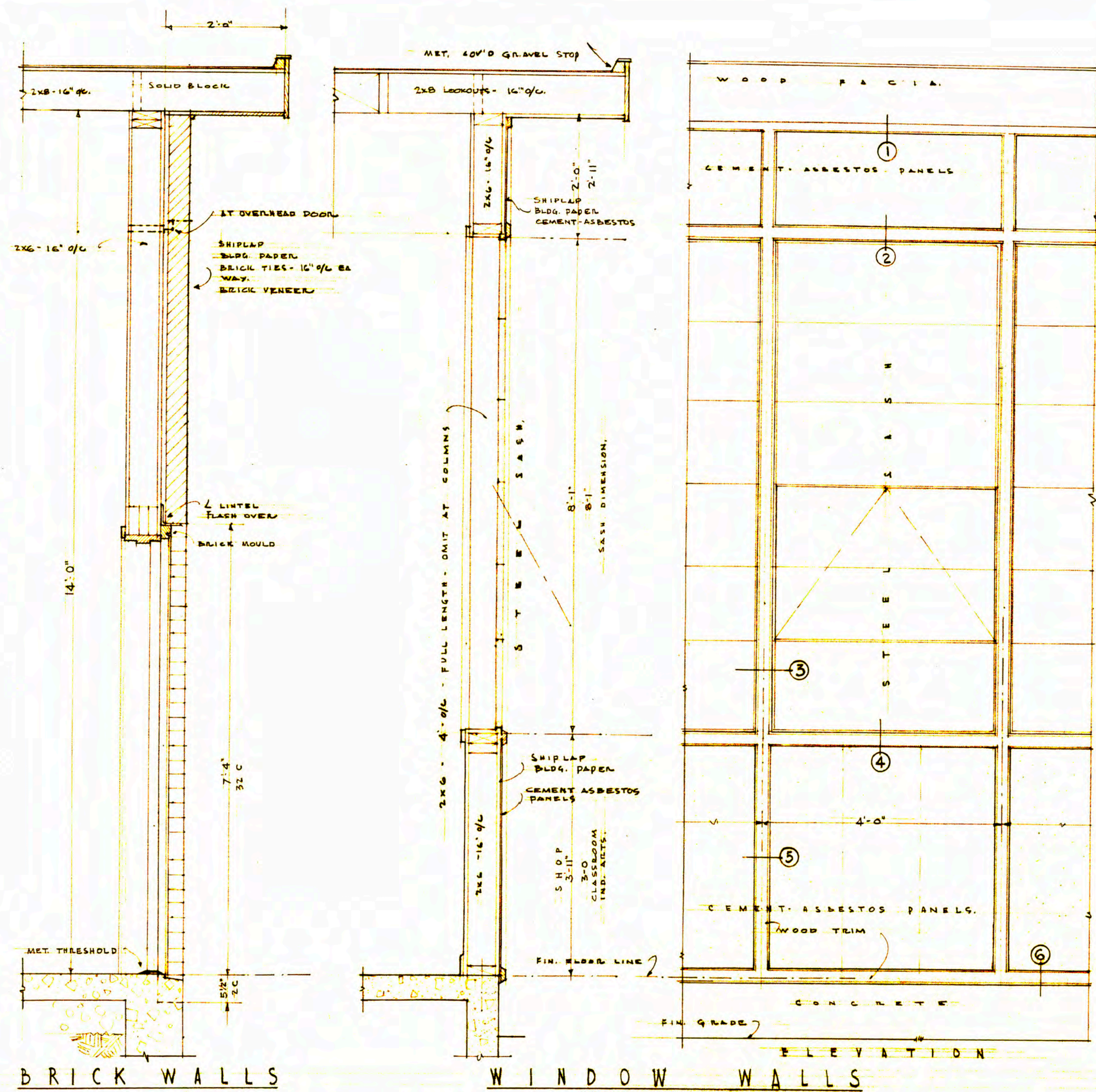
SLIDE-UP PANEL IN SCHOOL STORE



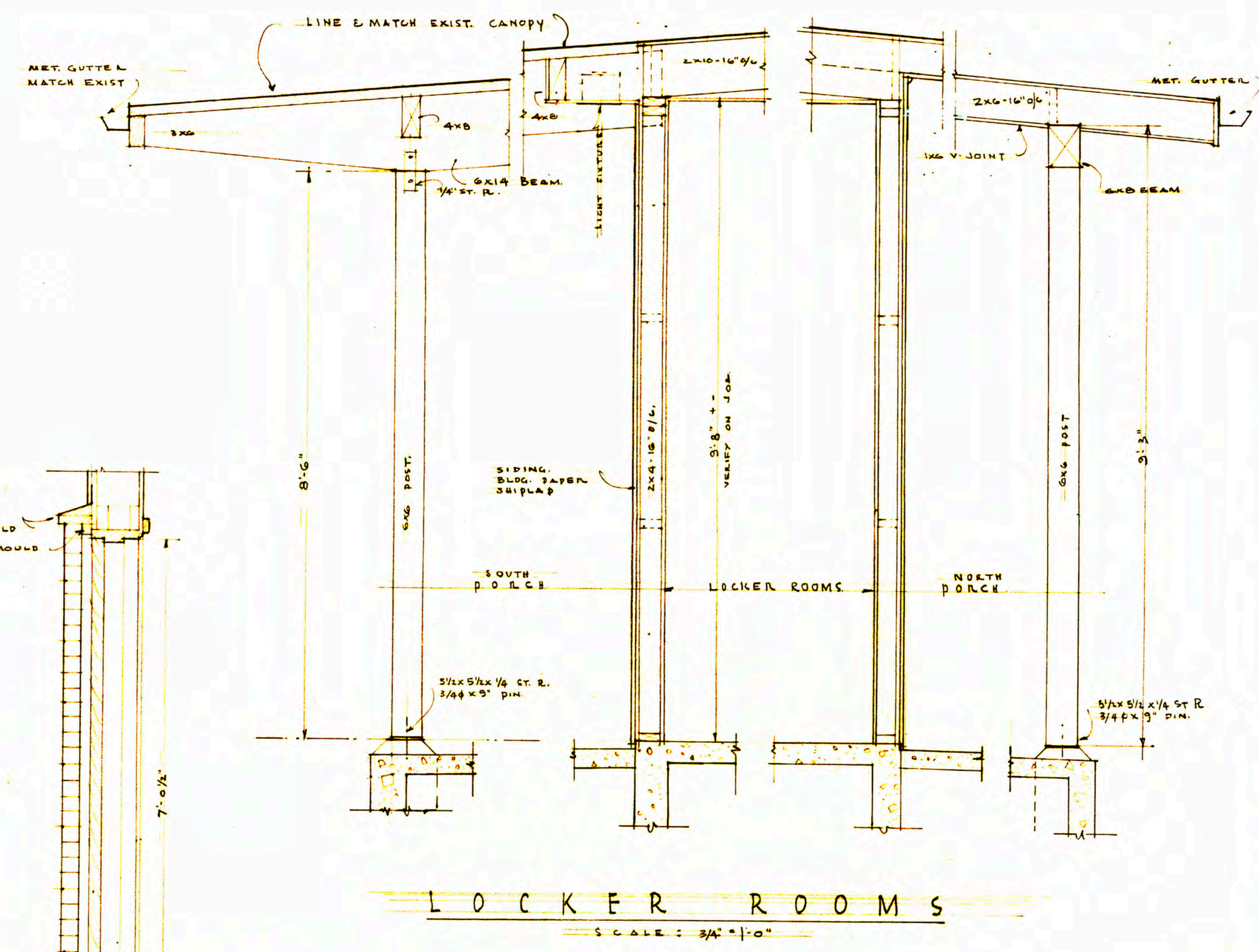
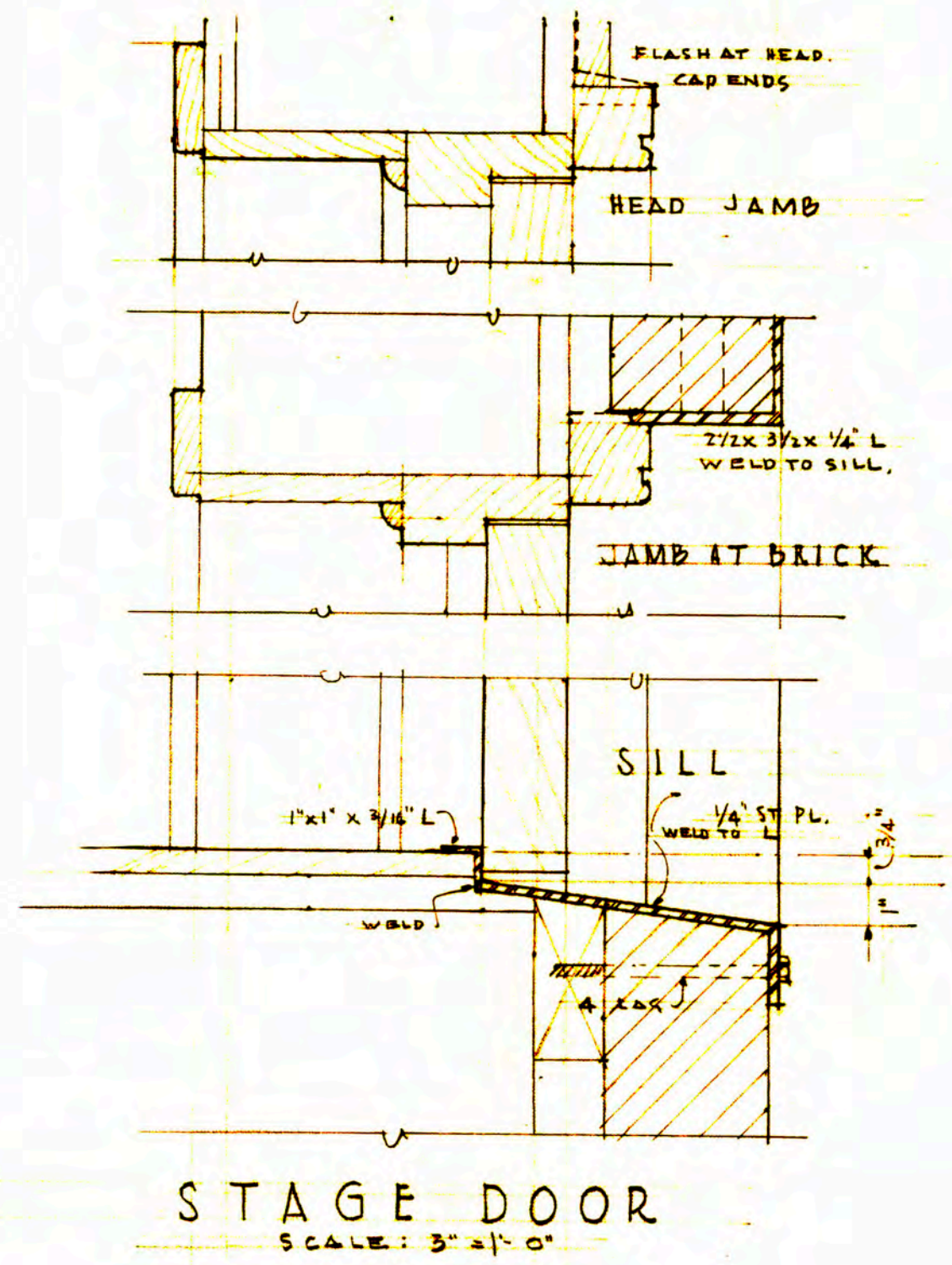
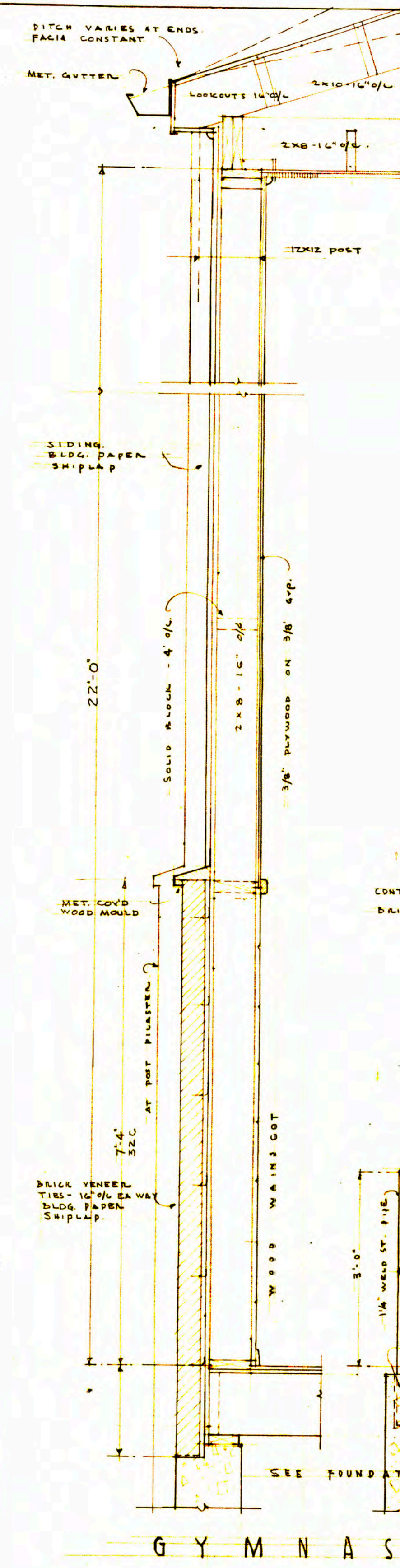
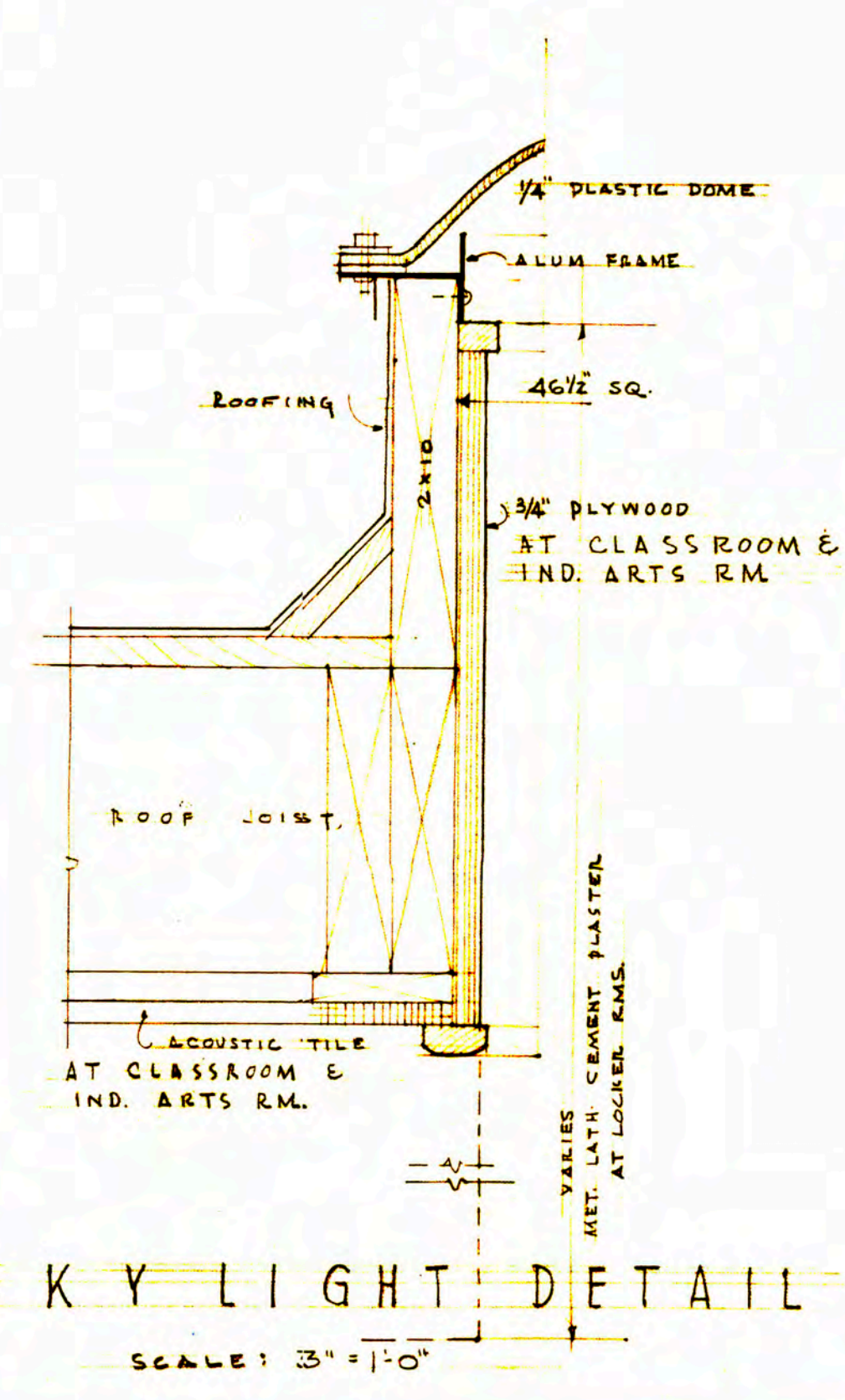
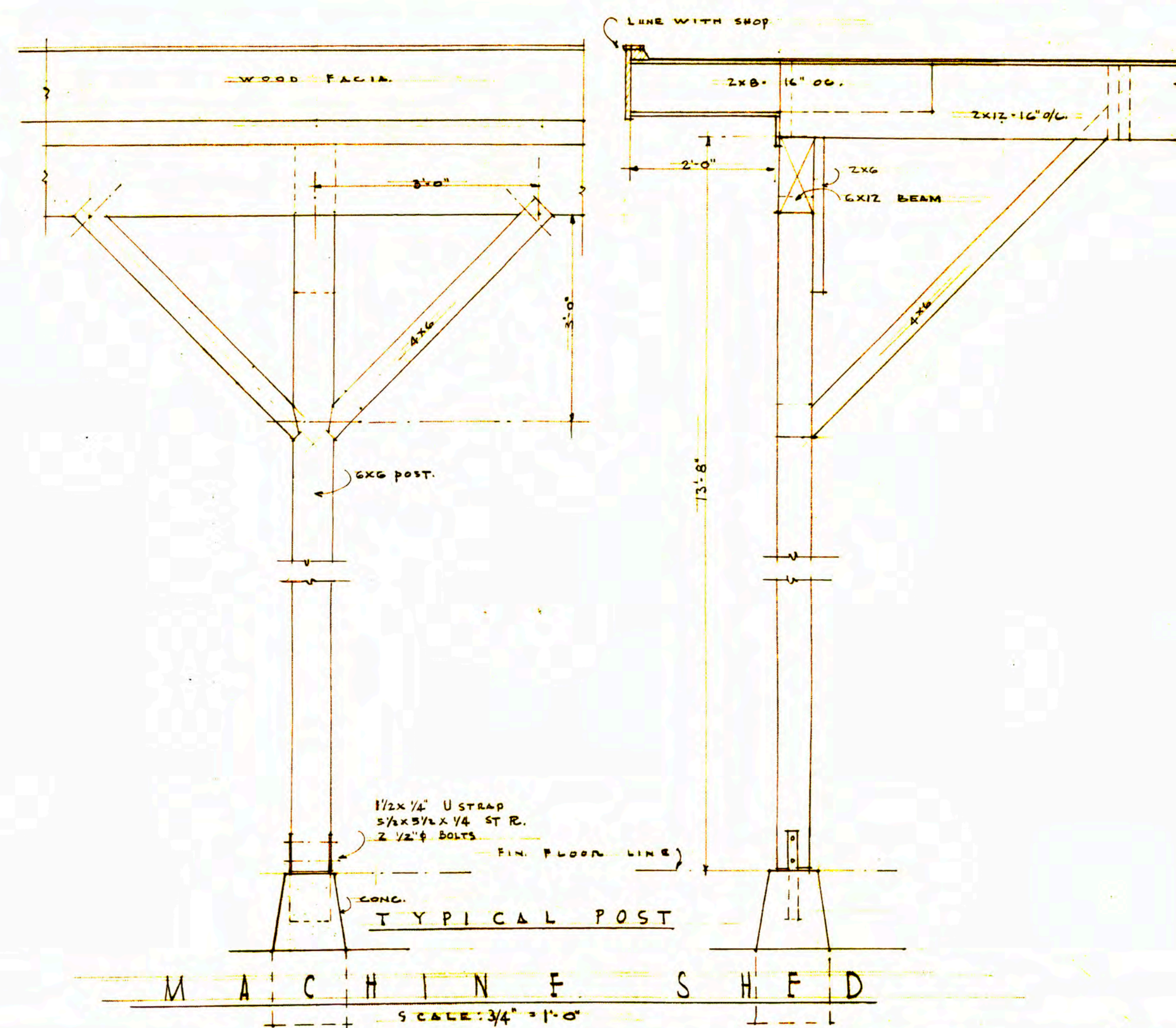
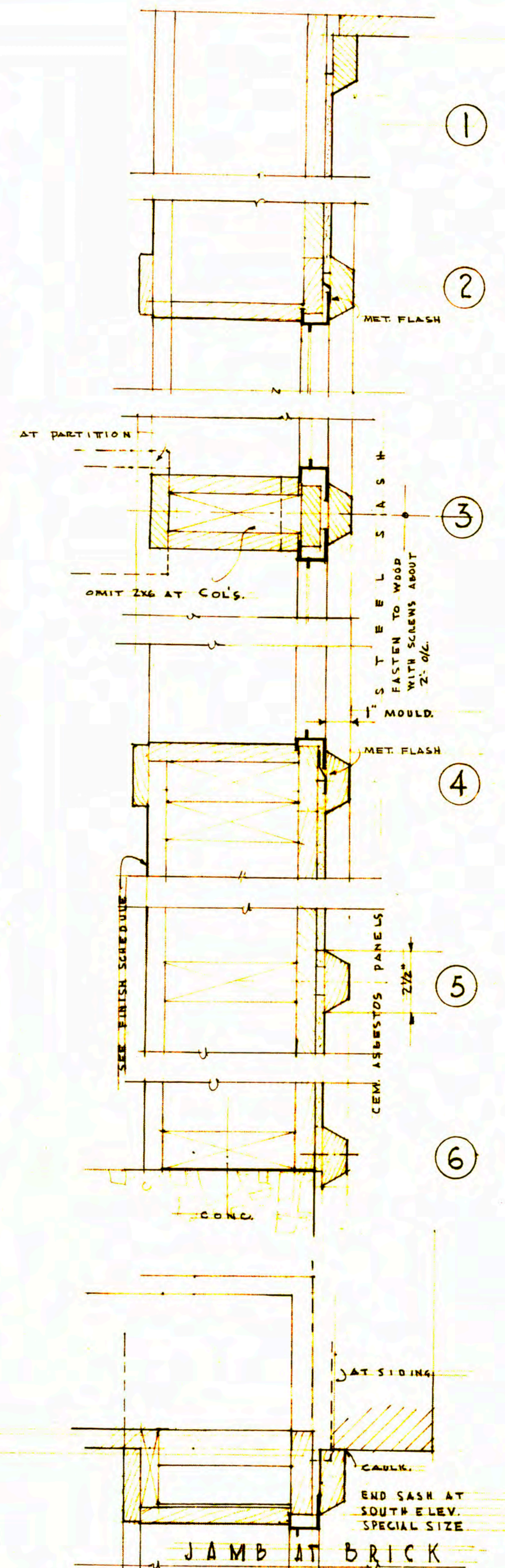
SECTION A-A

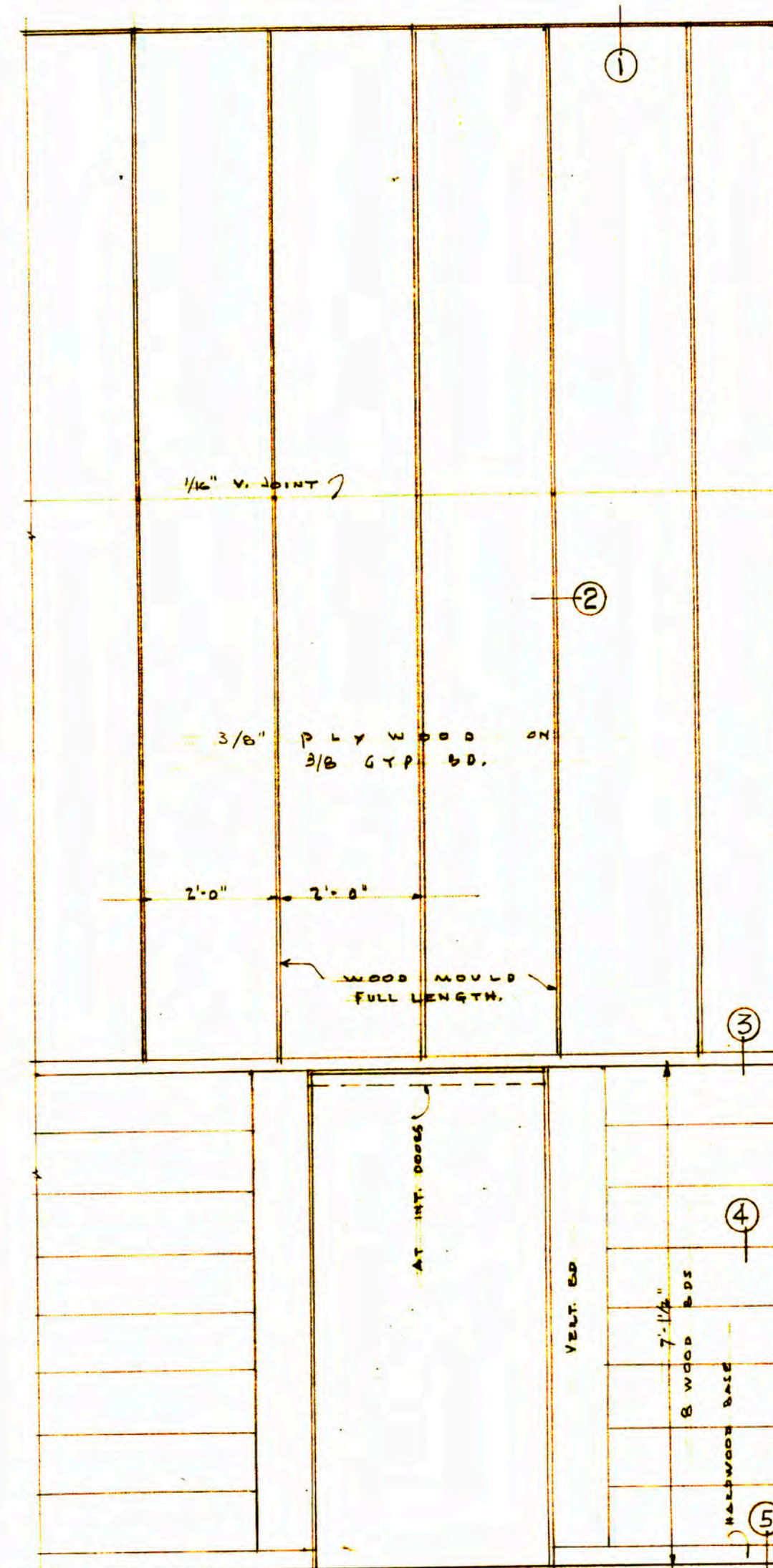
SCALE: 1/8" = 1'-0"

FRAMING SECTIONS		DETAILS.
ADDITION TO SCHOOL BUILDING		DATE
PELL WASHINGTON		AUG 19, 53
SCHOOL DISTRICT NO 301.		
LEWIS COUNTY		
GEO. M. WOLFE Architect		SHEET NO.
509 PEARSON 4TH AVE BLDG.		5
PORTLAND OREGON.		OF 13

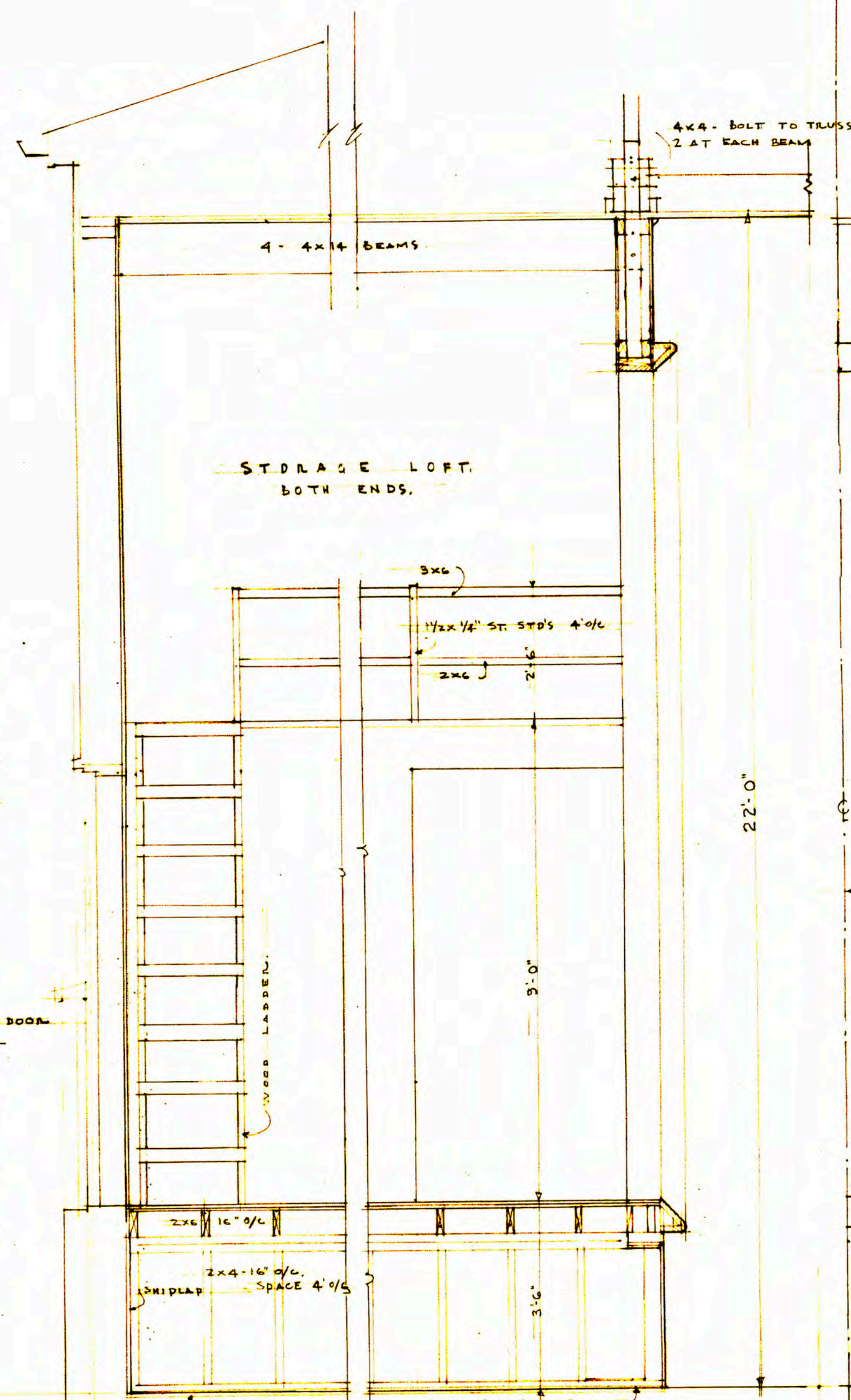


SHOP & CLASS ROOMS



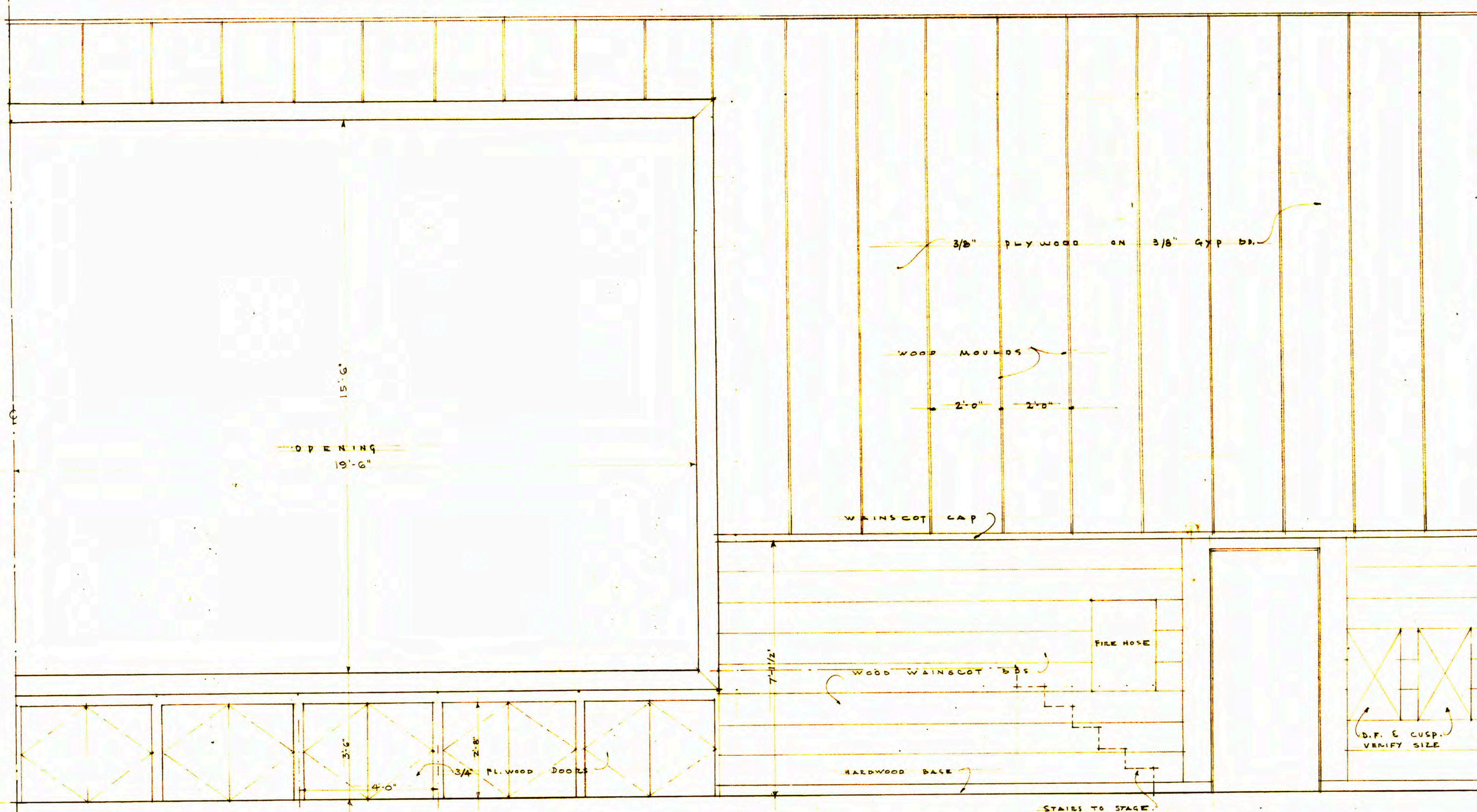


TYPICAL WALL ELEVATION
SCALE: 1/2" = 1'-0"

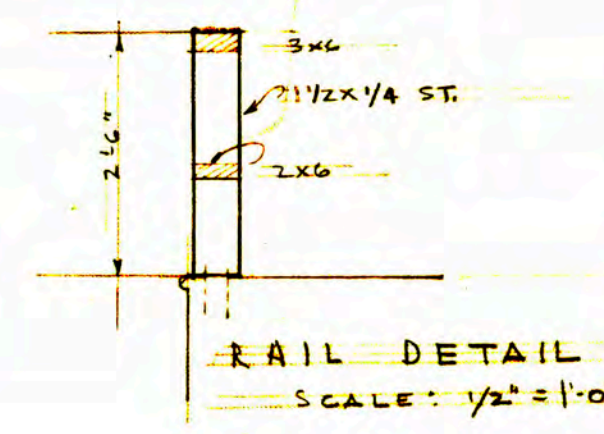
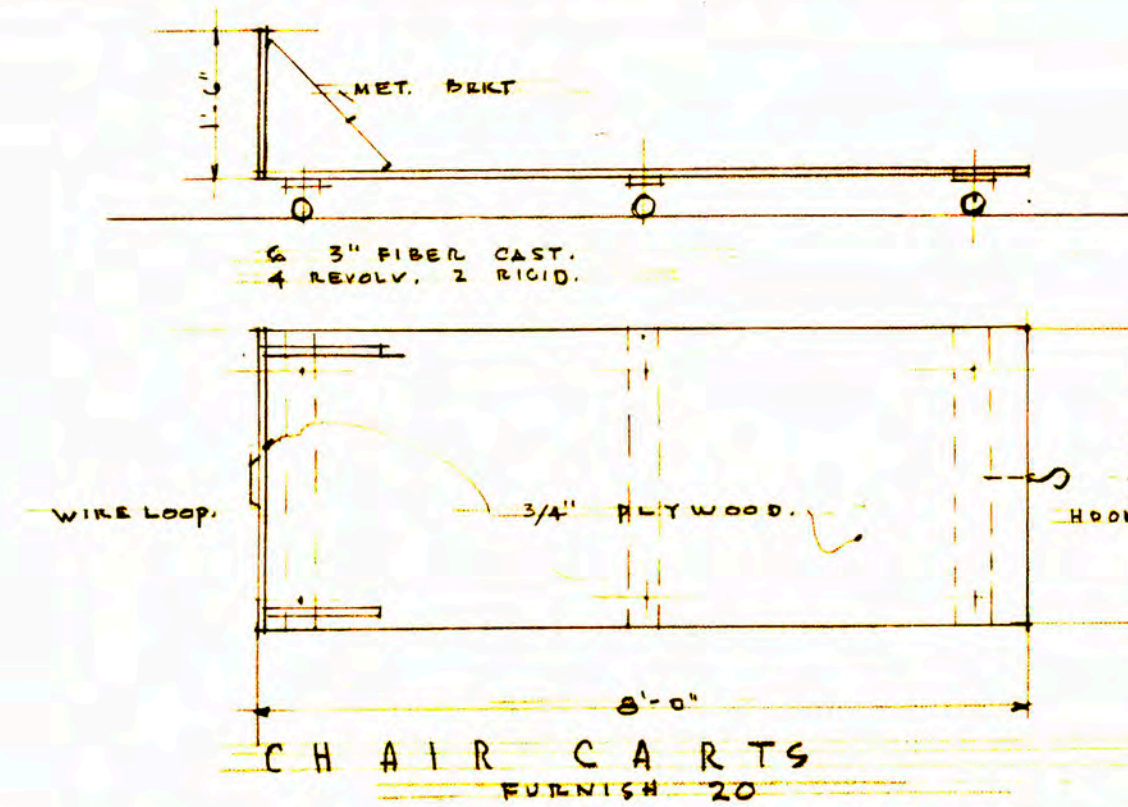


STAGE SECTION

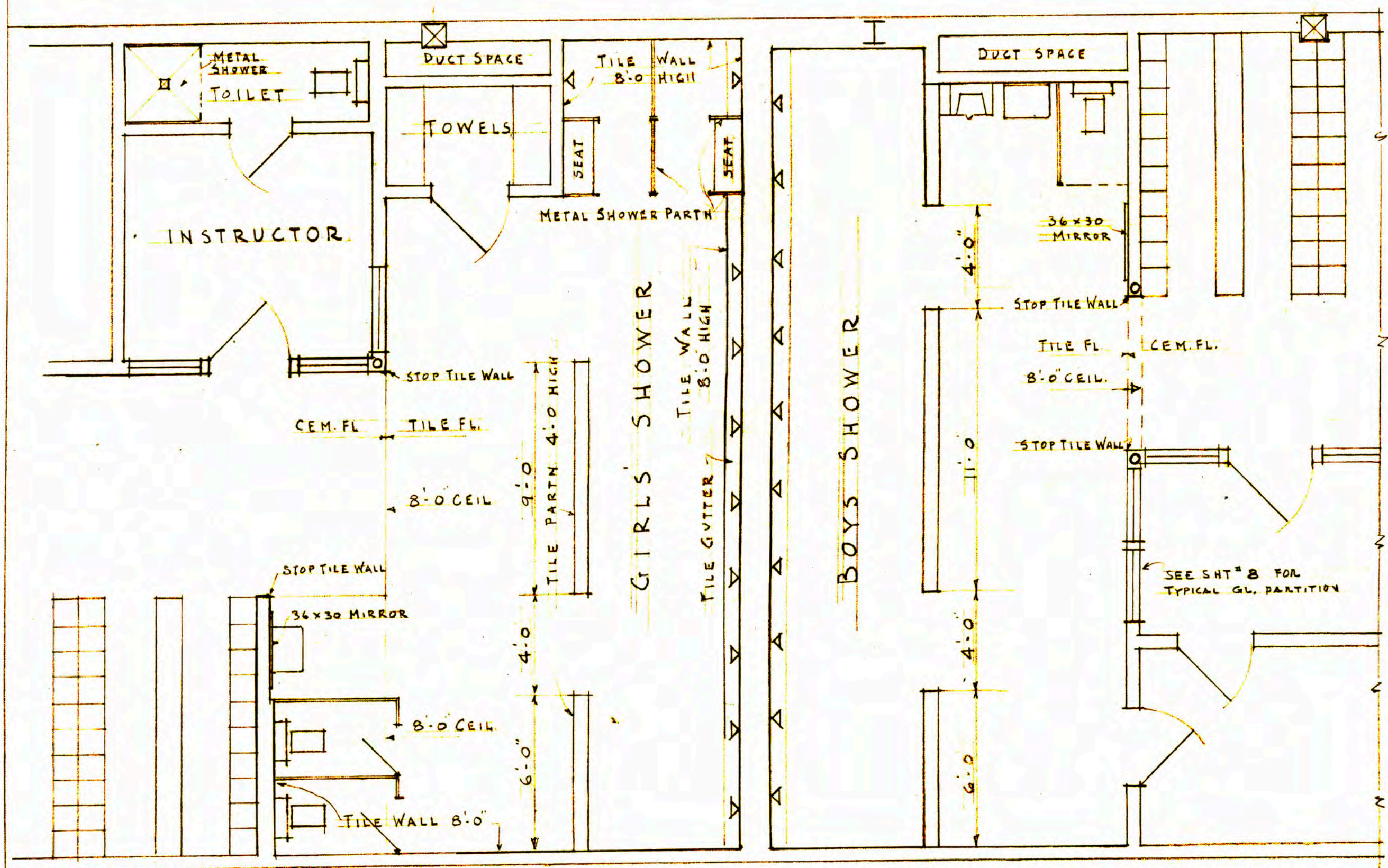
STAGE OPNG TRIM
SCALE: 3/4" = 1'-0"



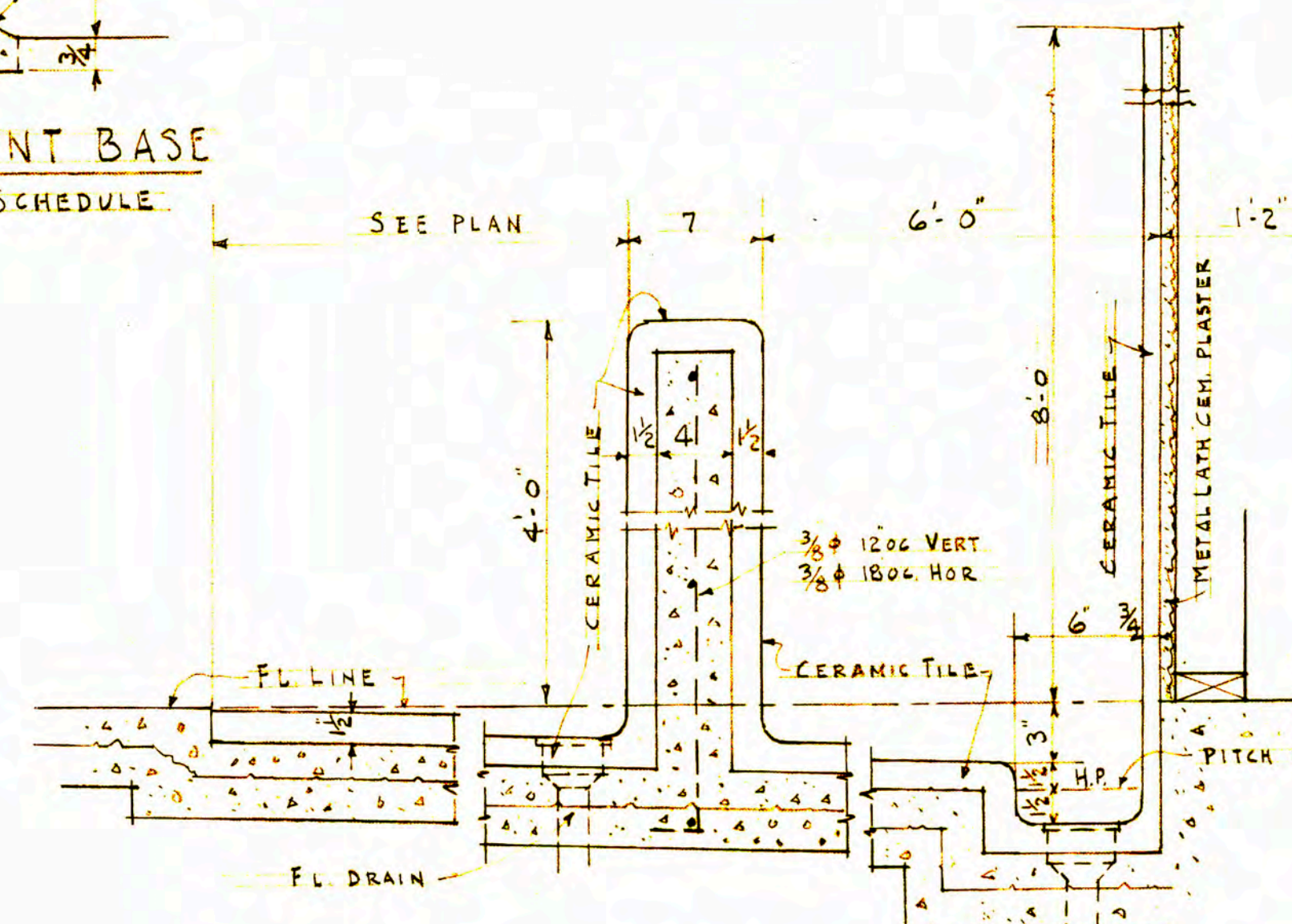
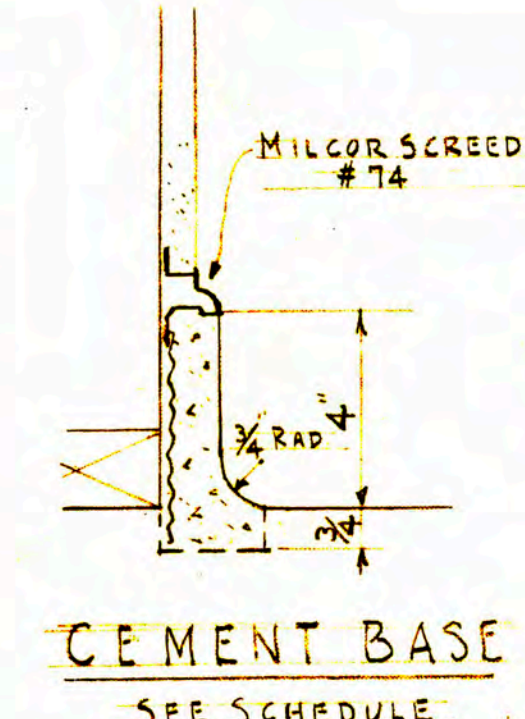
1/2 STAGE FRONT ELEVATION
SCALE: 1/2" = 1'-0"



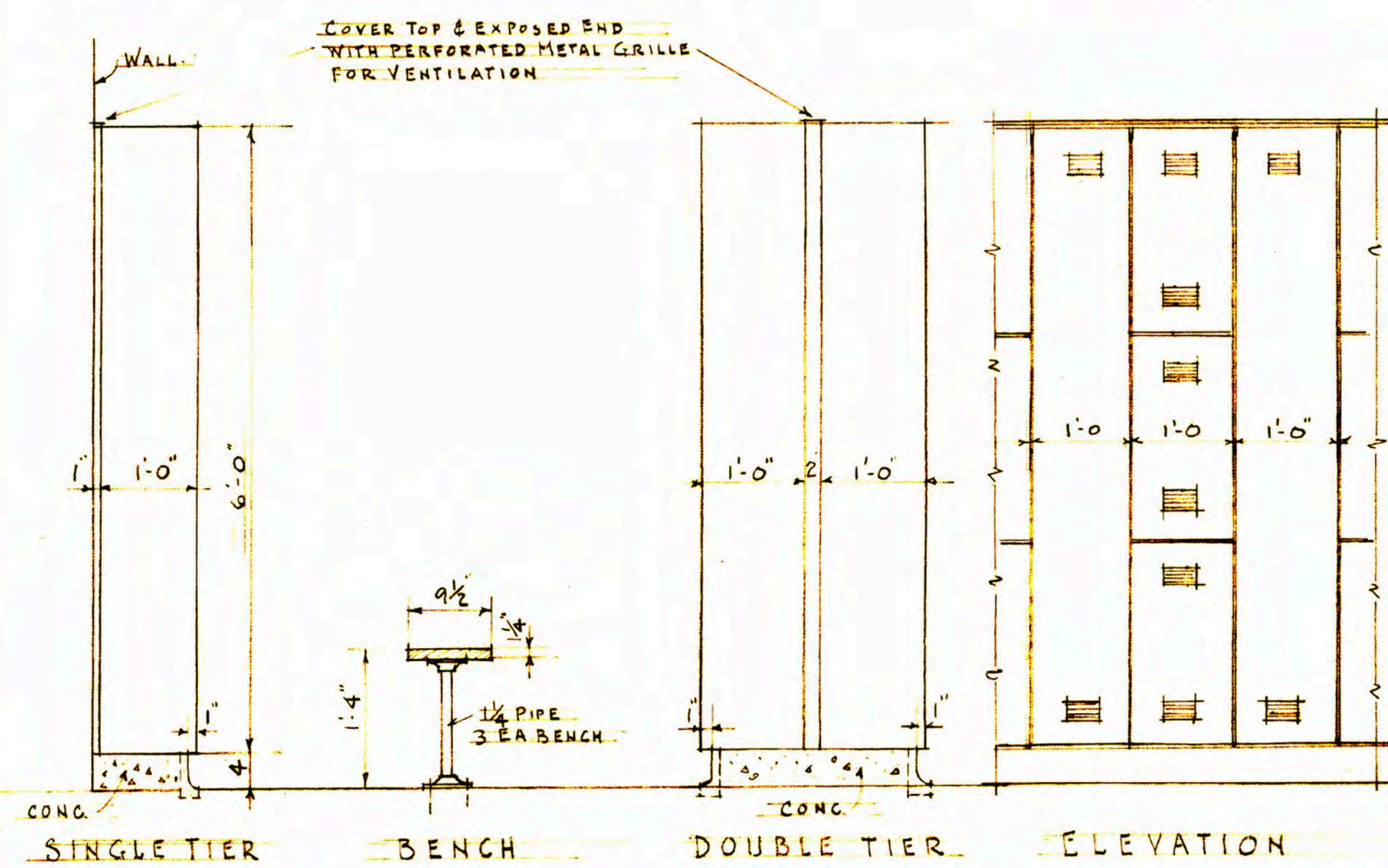
GYMNASIUM DETAILS



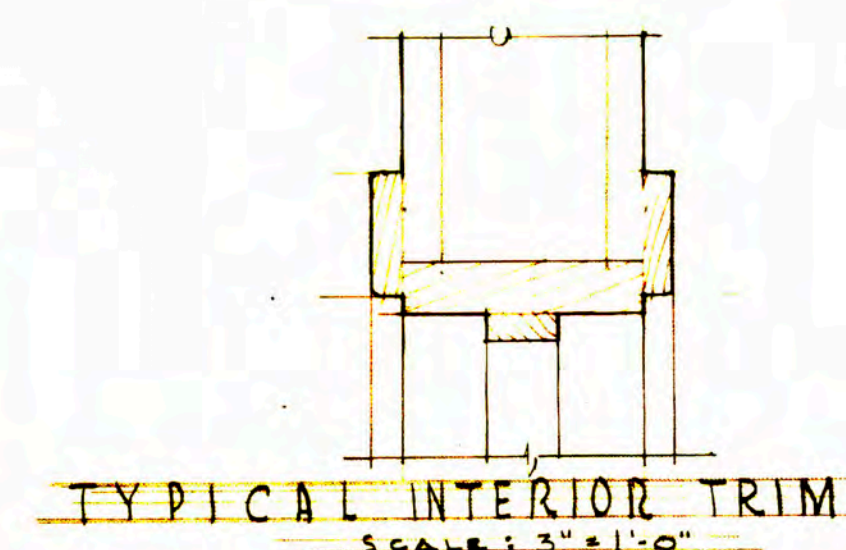
PLAN OF SHOWER ROOMS
SCALE: 1/4" = 1'-0"



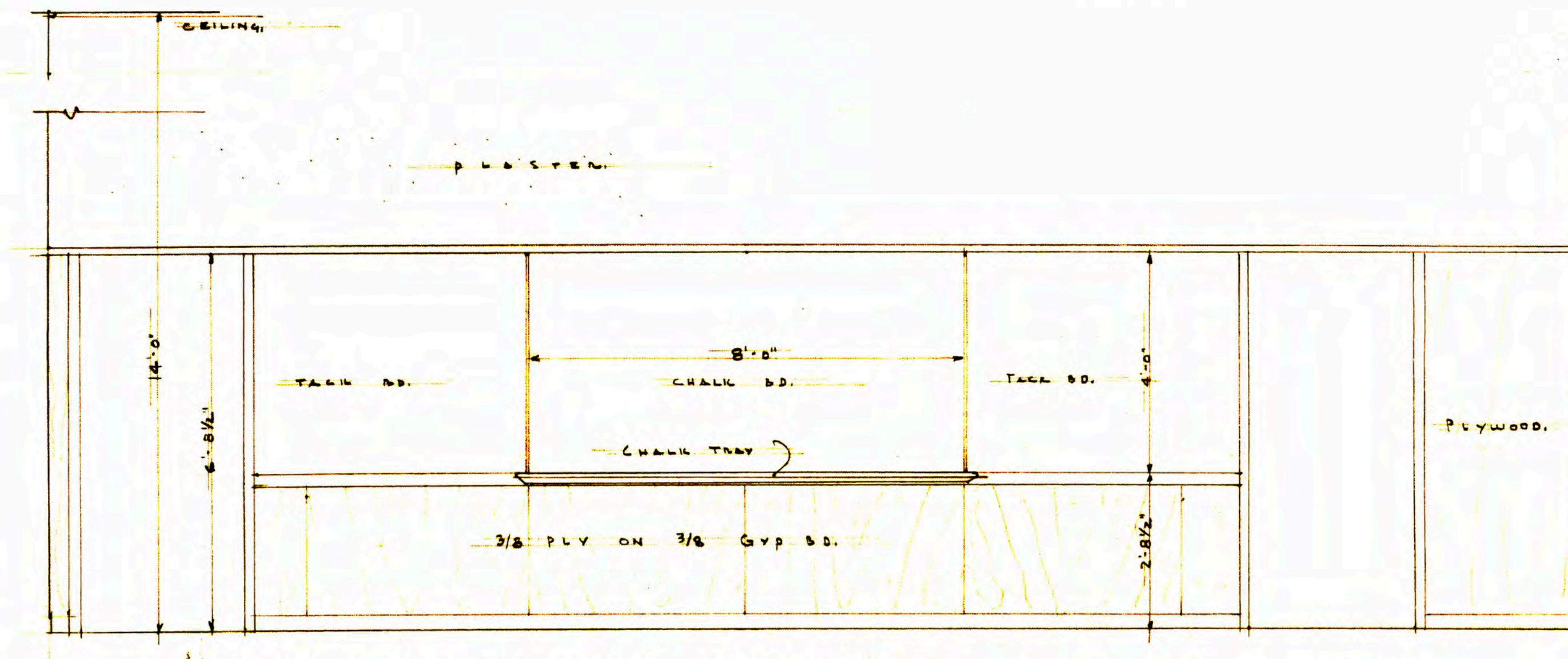
TILE FLOOR & GUTTER
BOYS & GIRLS SHOWERS
SCALE: 1/2" = 1'-0"



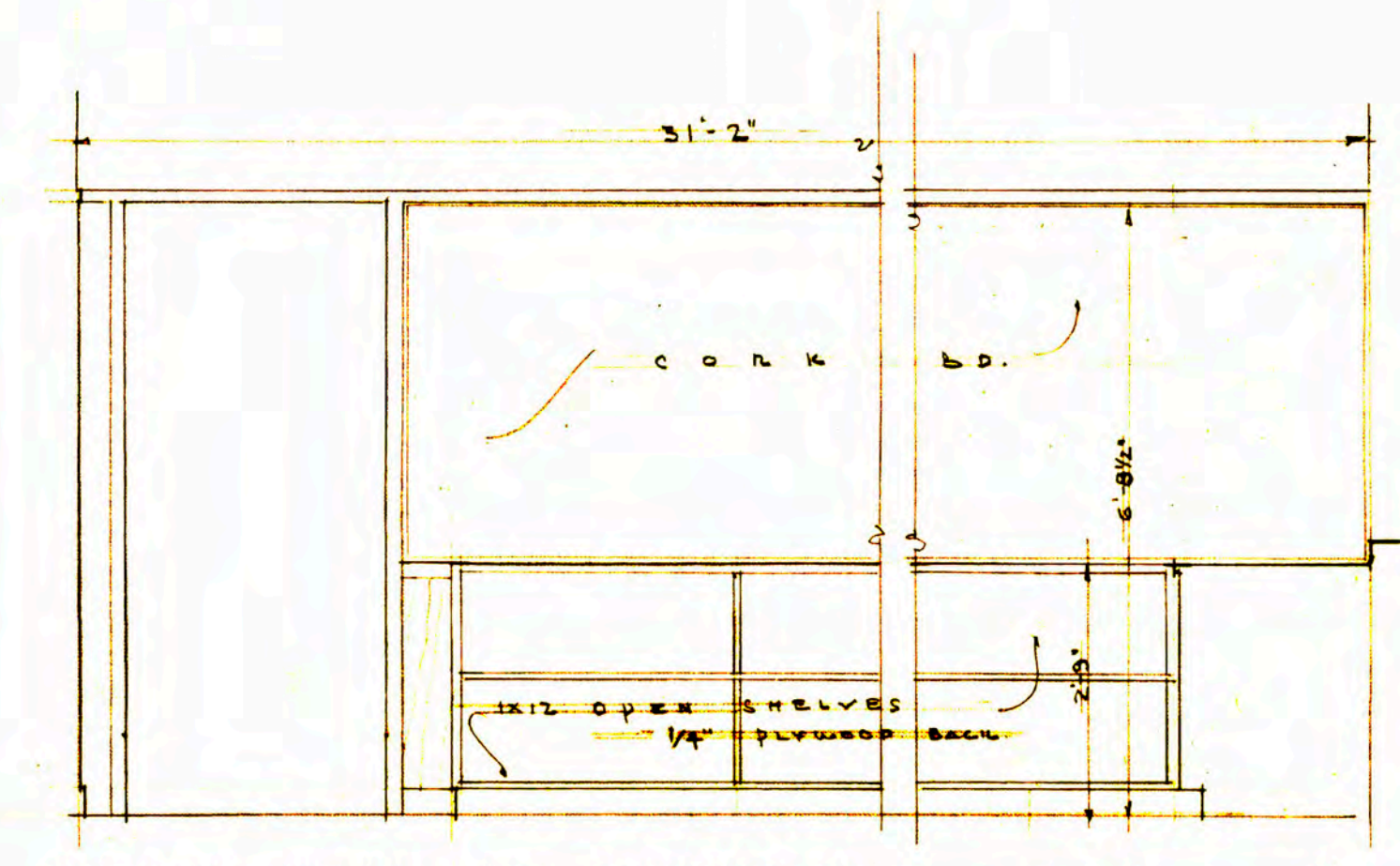
LOCKER & BENCH DETAIL
SCALE: 3/4" = 1'-0"



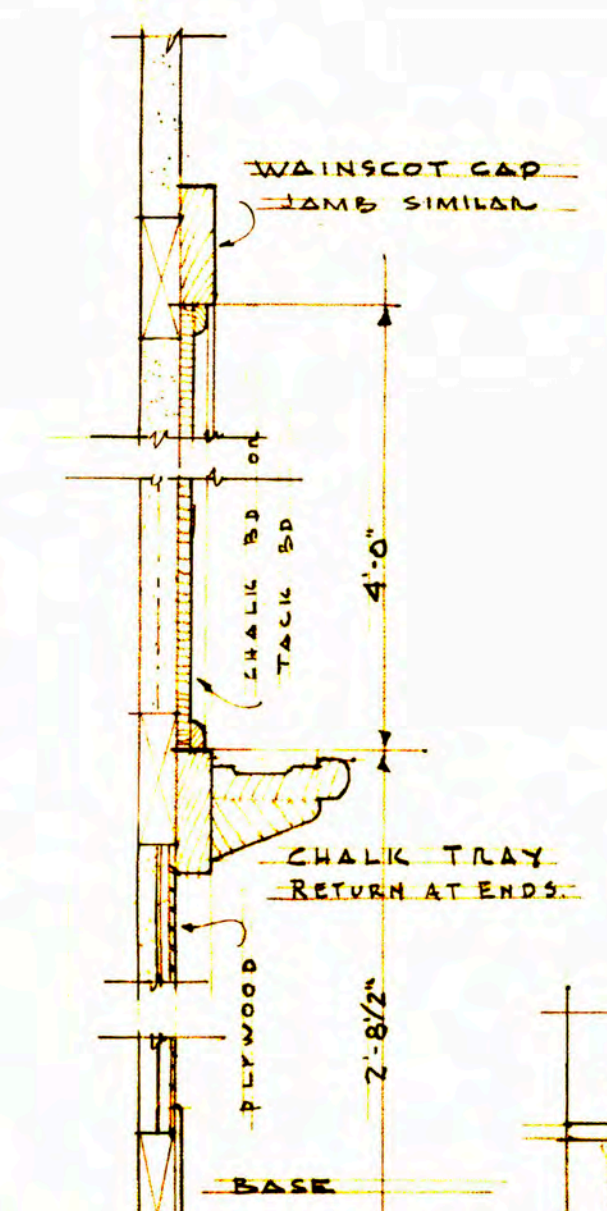
GYMNASIUM & LOCKER ROOM DETAILS	
ADDITION TO SCHOOL BUILDING	
PELL, WASHINGTON	
SCHOOL DISTRICT NO 301	
LEWIS COUNTY	
GEO. M. WOLFF Architect	
309 PEARSON 4TH AVE BLDG	
PORTLAND OREGON	
DATE AUG 19 51	SHEET NO 7 OF 13



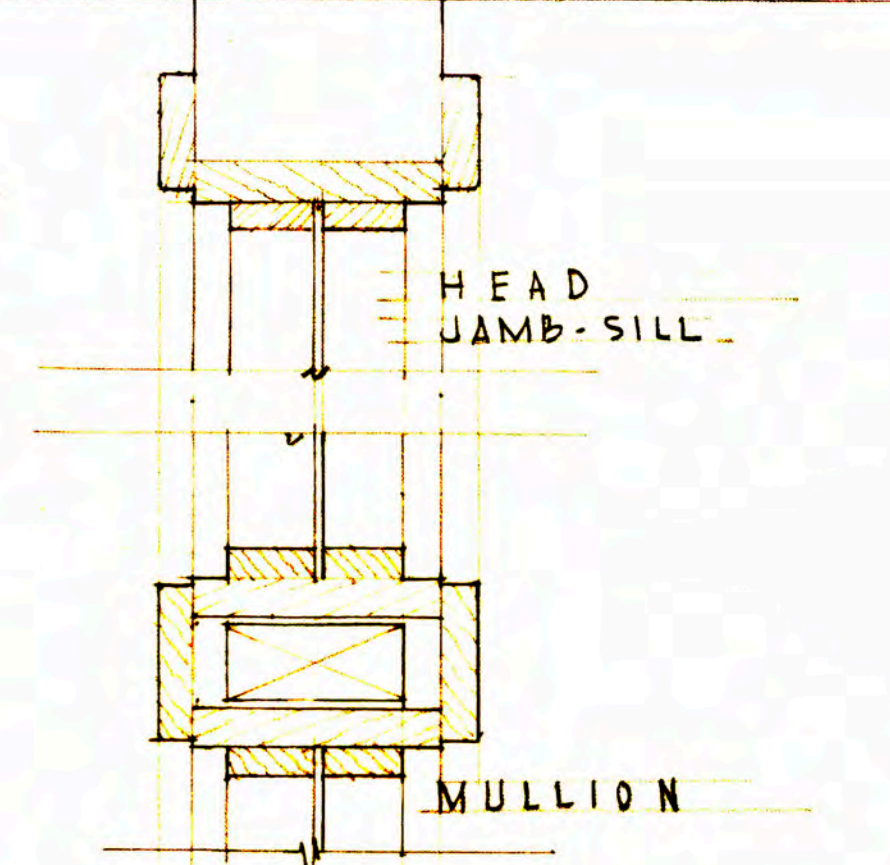
WEST WALL - AG CLASSROOM
SCALE: 1/2" = 1'-0"



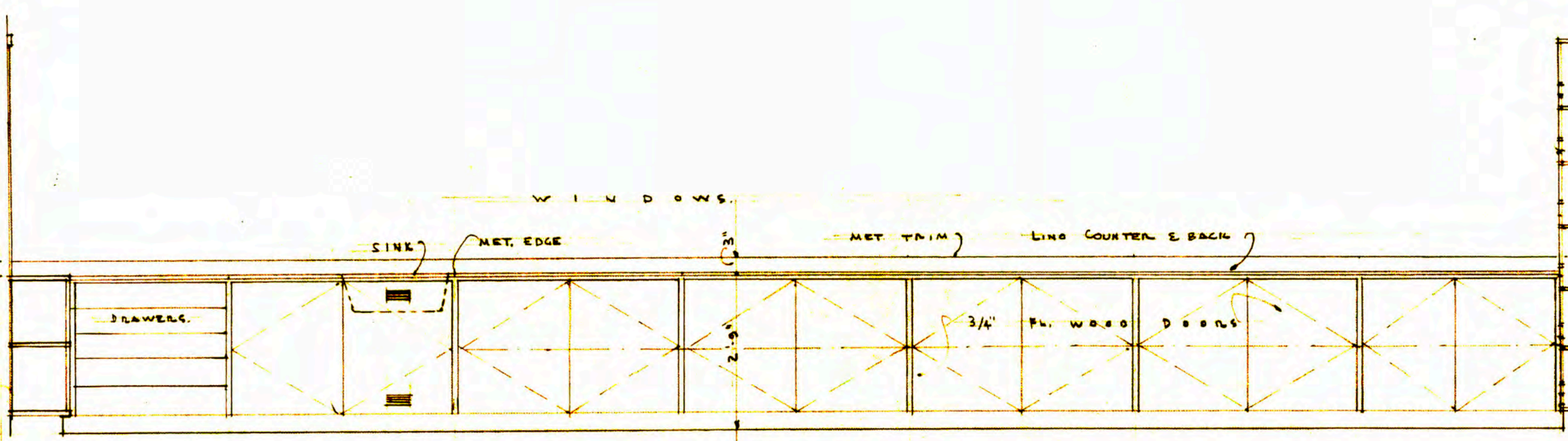
NORTH WALL - AG CLASSROOM
SCALE: 1/2" = 1'-0"



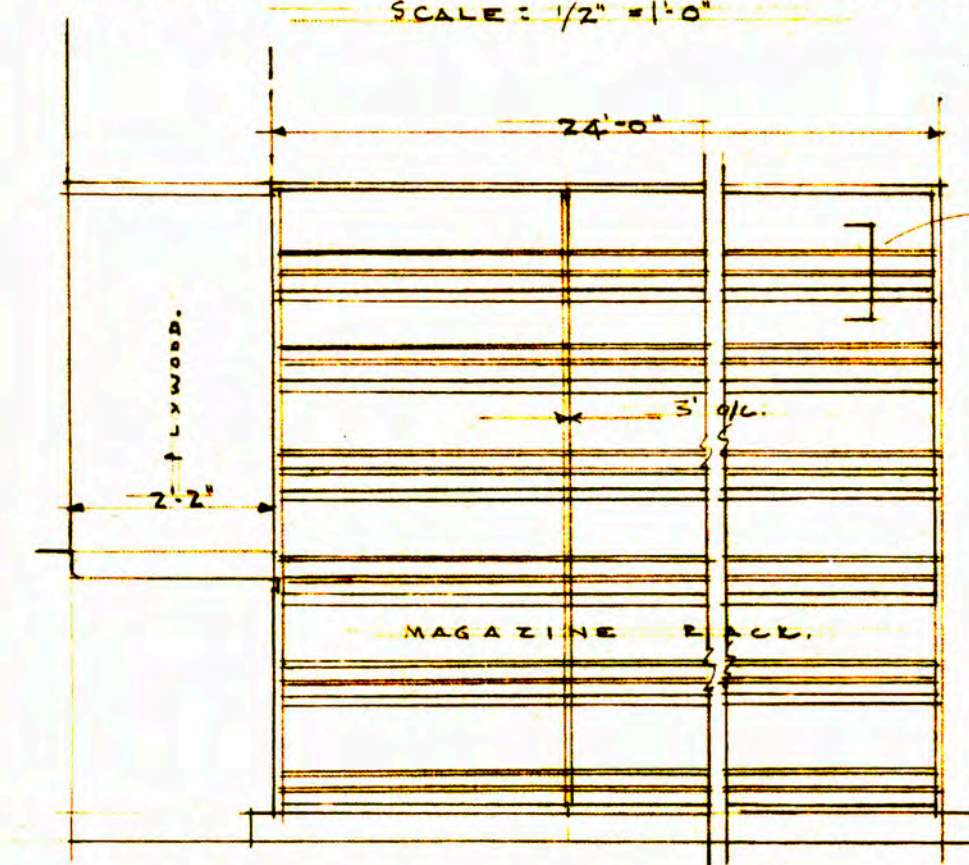
DETAIL
SCALE: 3/4" = 1'-0"



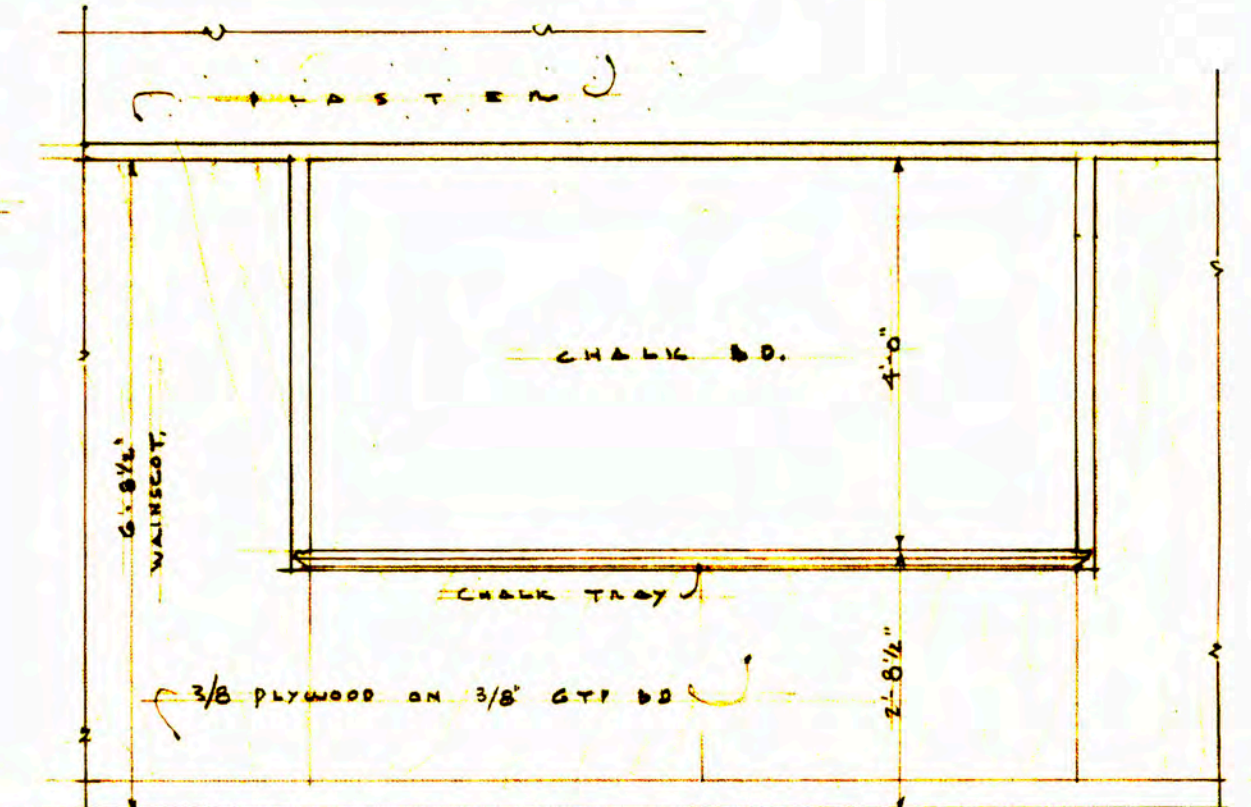
GLAZED PARTN DETAIL
SCALE: 3/4" = 1'-0"



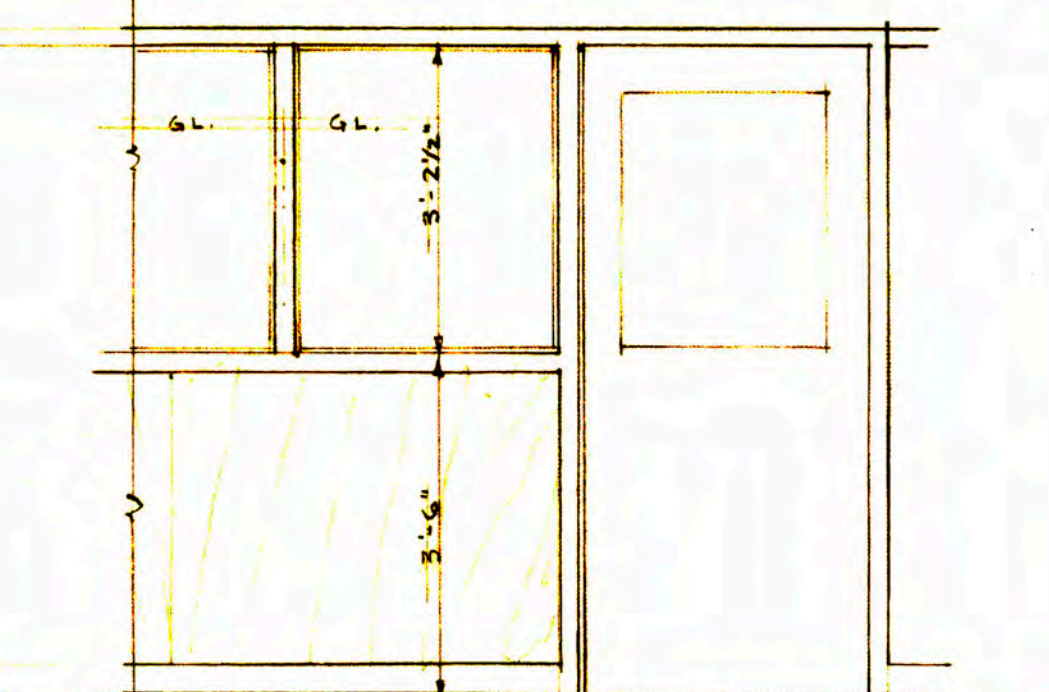
EAST WALL - AG CLASSROOM
SCALE: 1/2" = 1'-0"



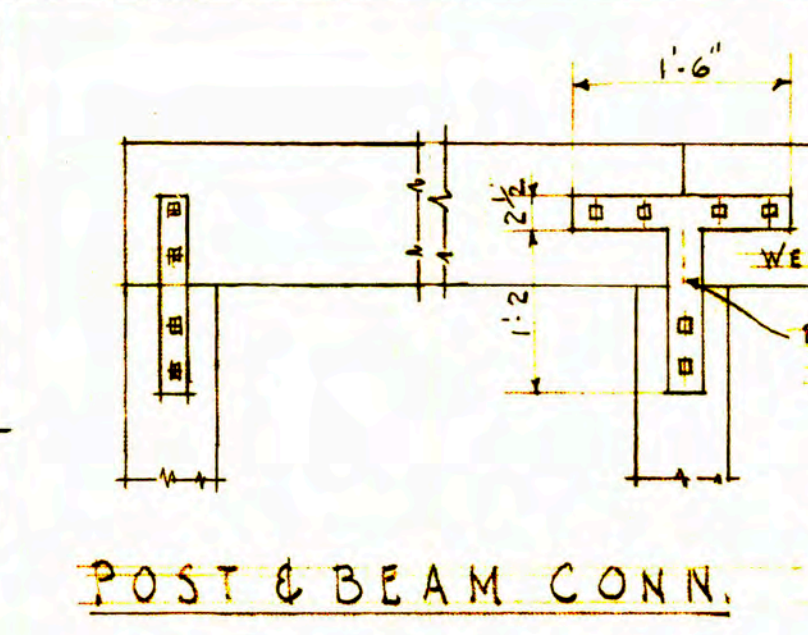
SOUTH WALL - AG CLASSROOM
SCALE: 1/2" = 1'-0"



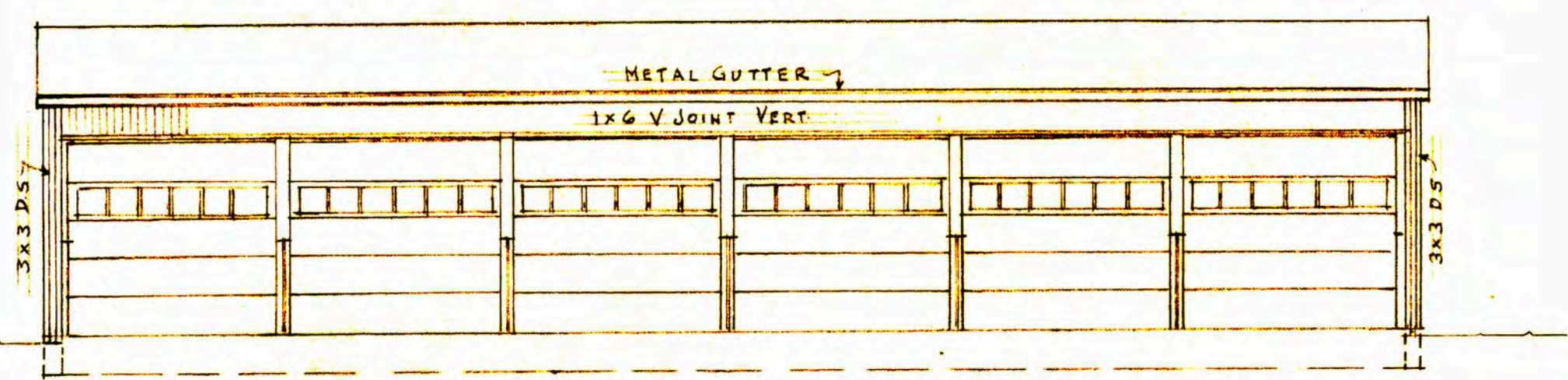
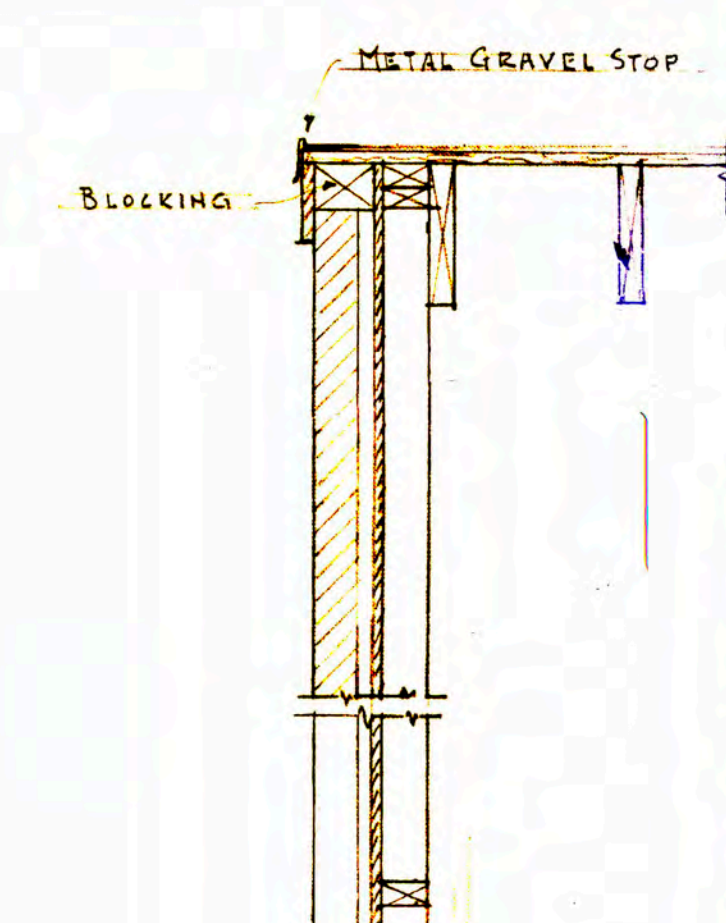
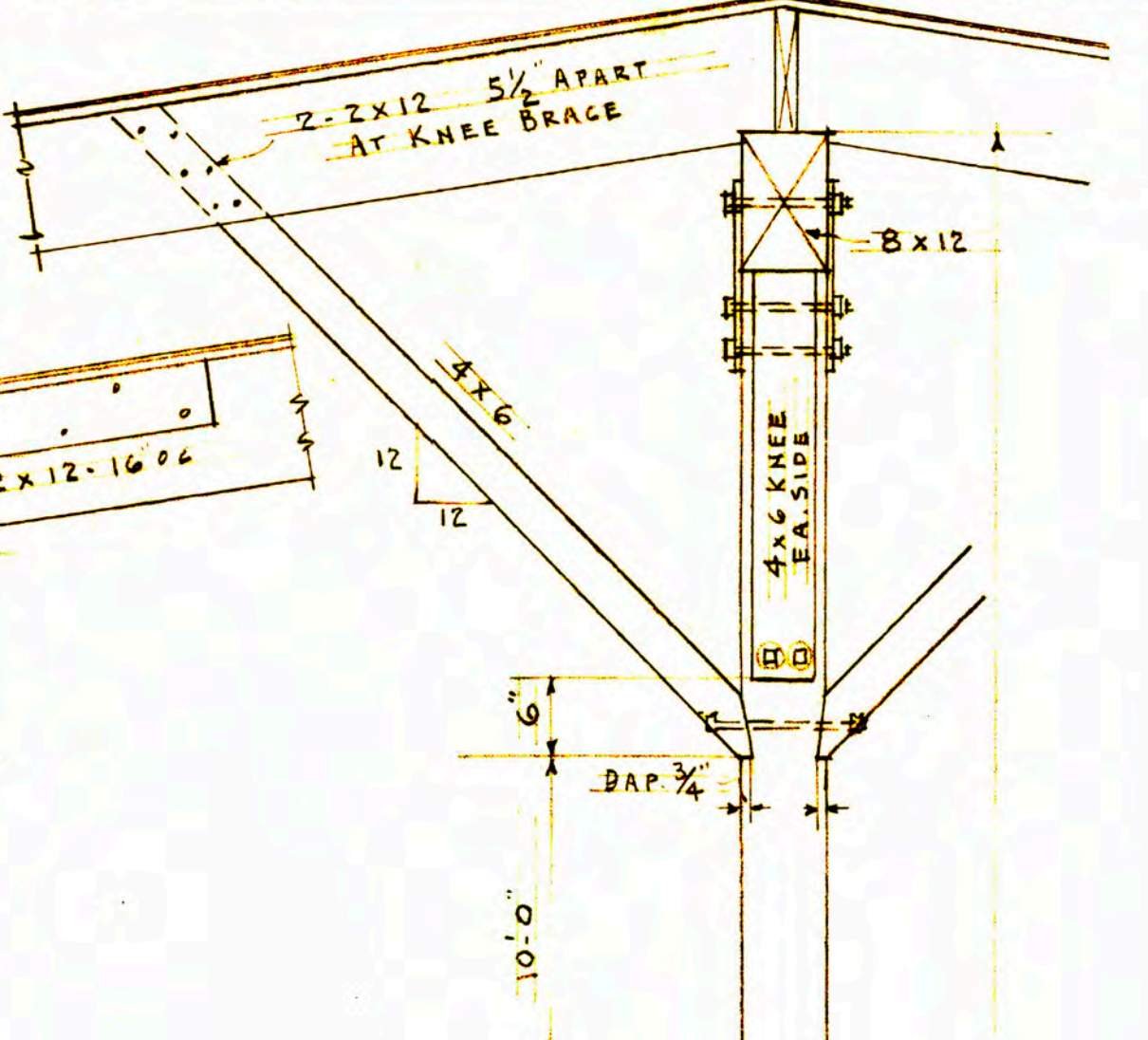
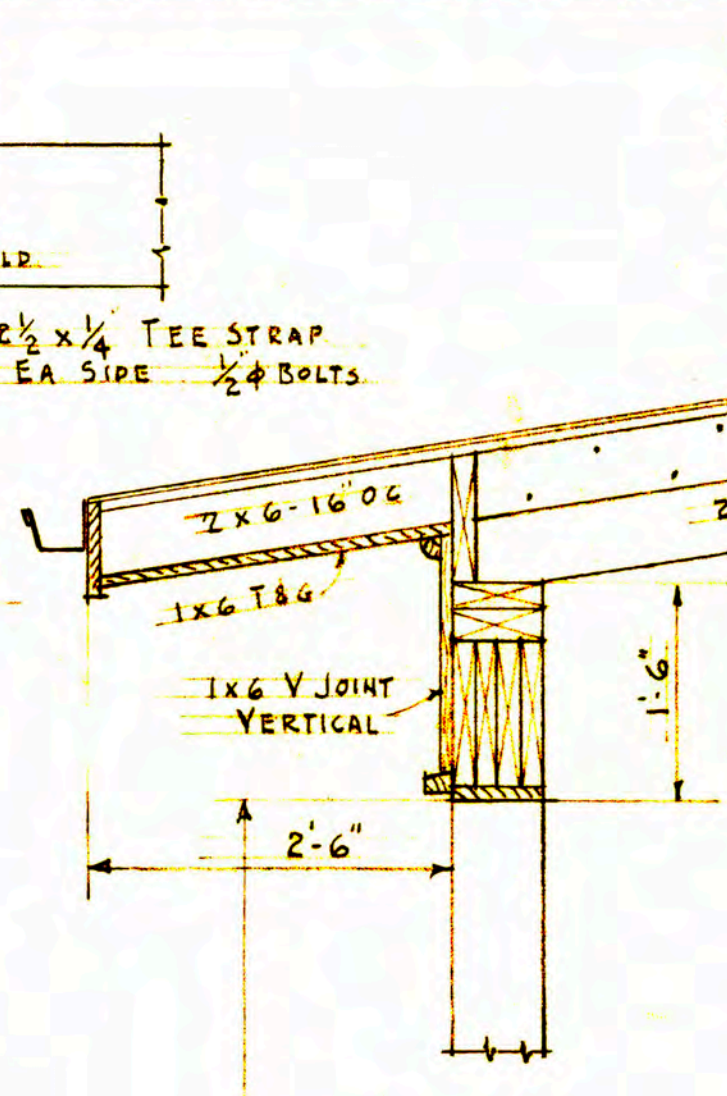
INDUSTRIAL ARTS CHALK B.D.
SCALE: 1/2" = 1'-0"



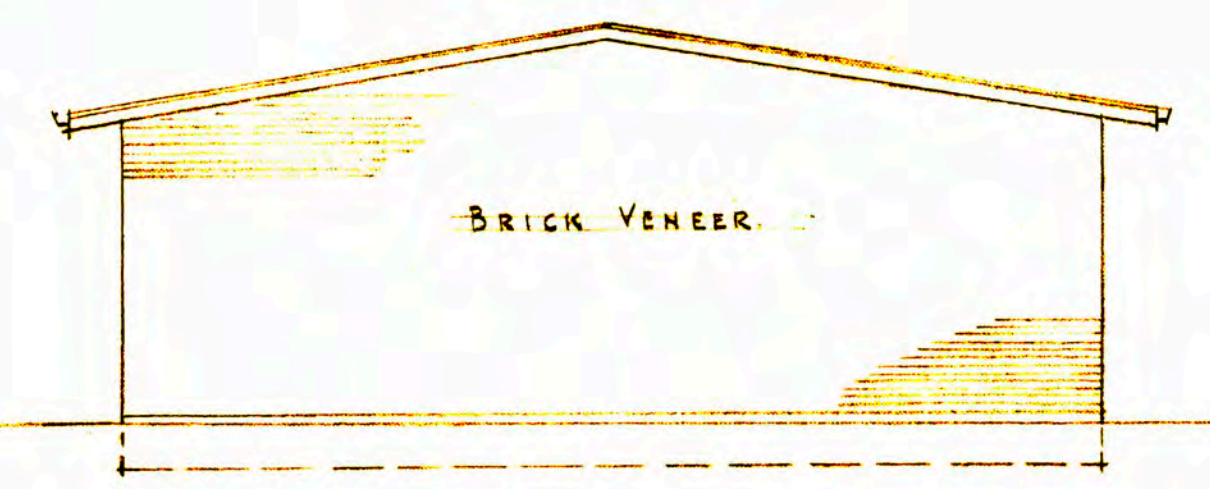
TYPICAL GLAZED PARTN.
SCALE: 1/2" = 1'-0"



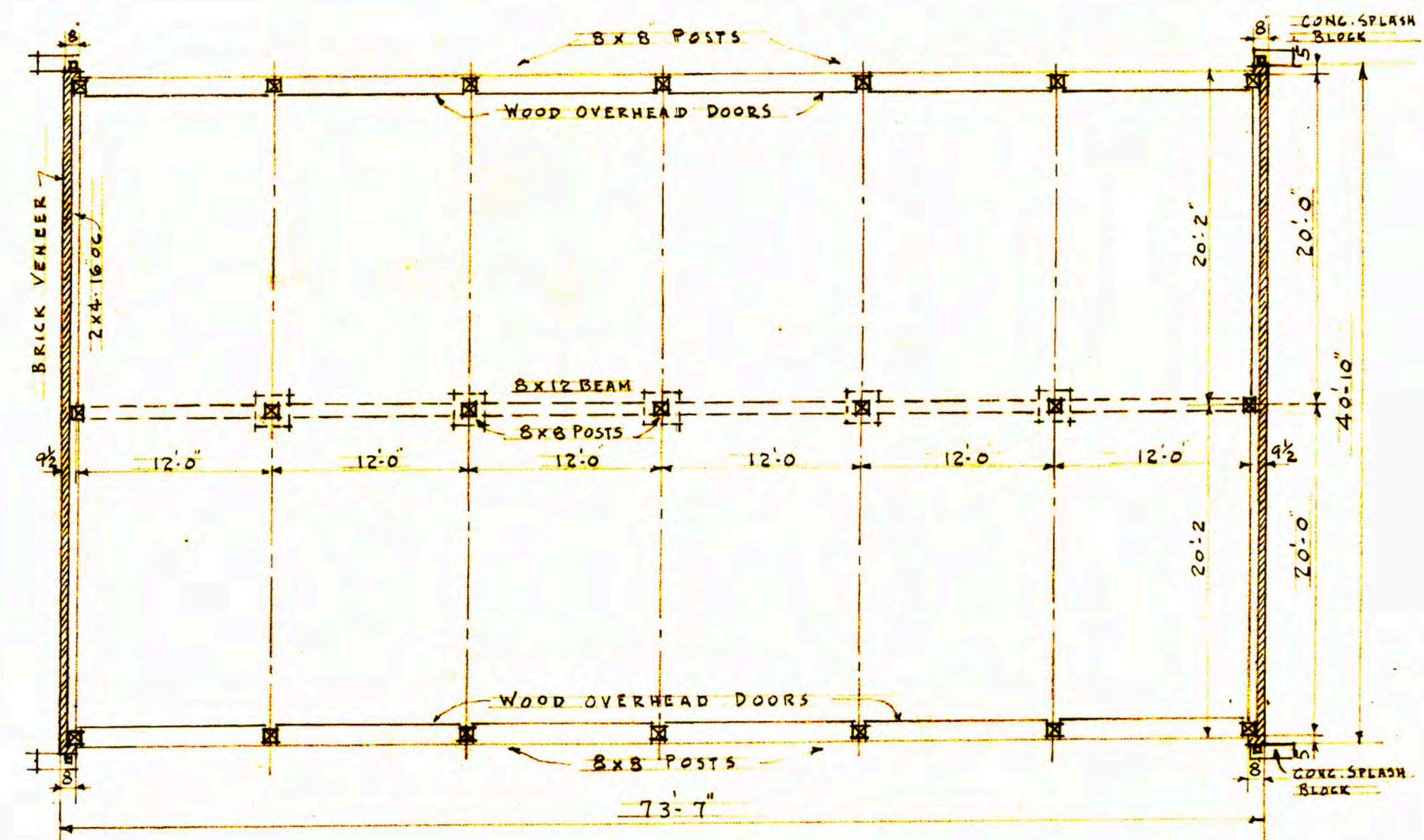
POST & BEAM CONN.
SCALE: 3/4" = 1'-0"



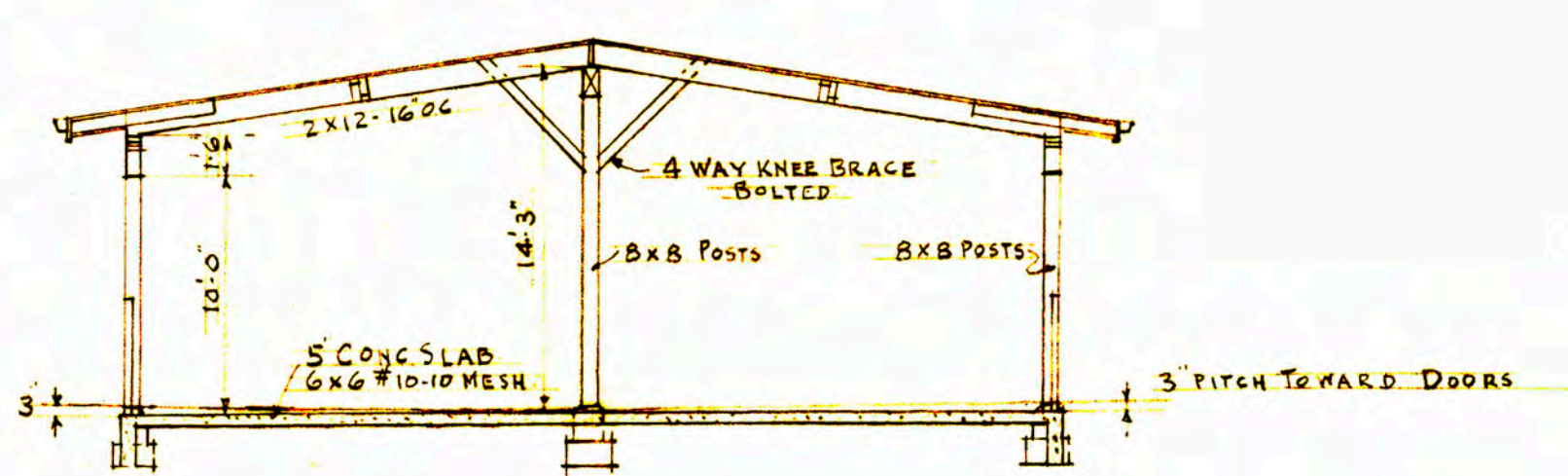
FRONT ELEVATION
SCALE: 1/8" = 1'-0"



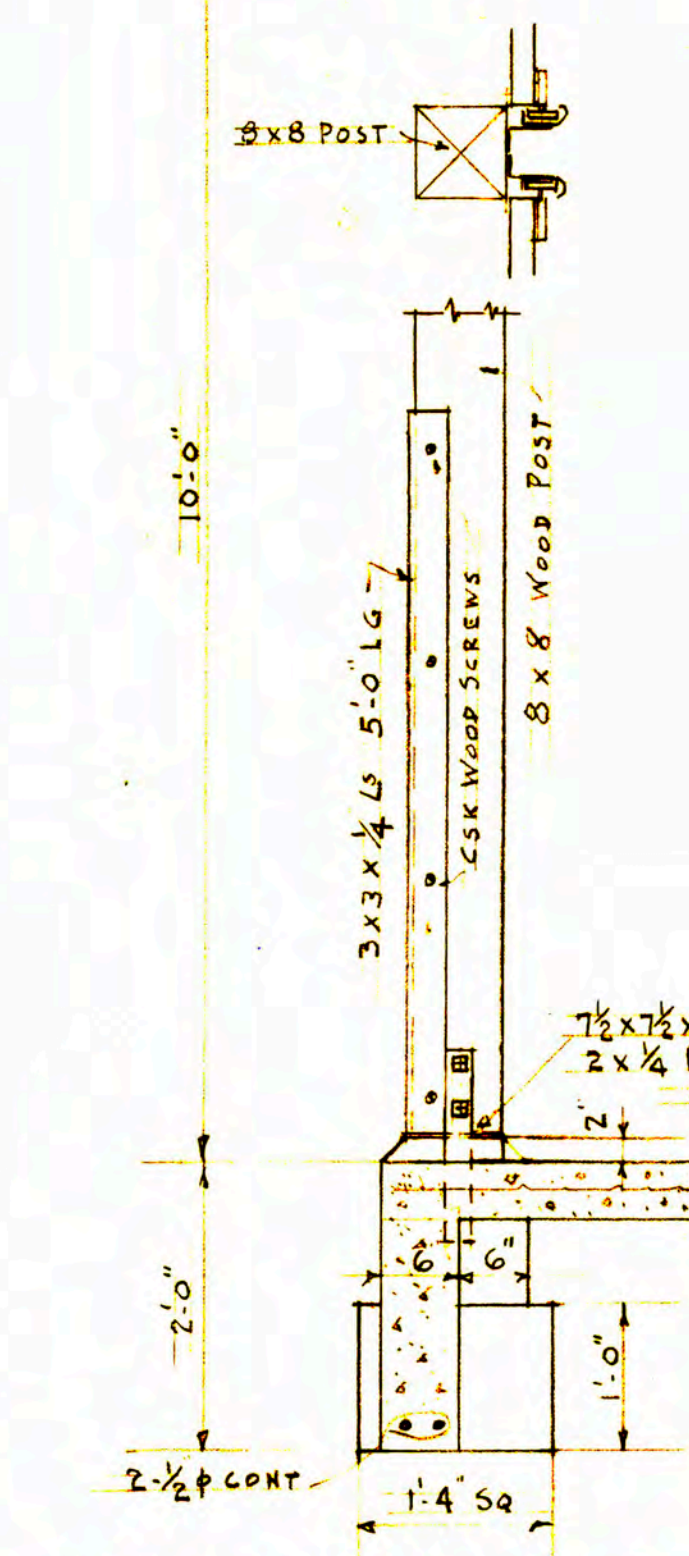
END ELEVATION
SCALE: 1/8" = 1'-0"



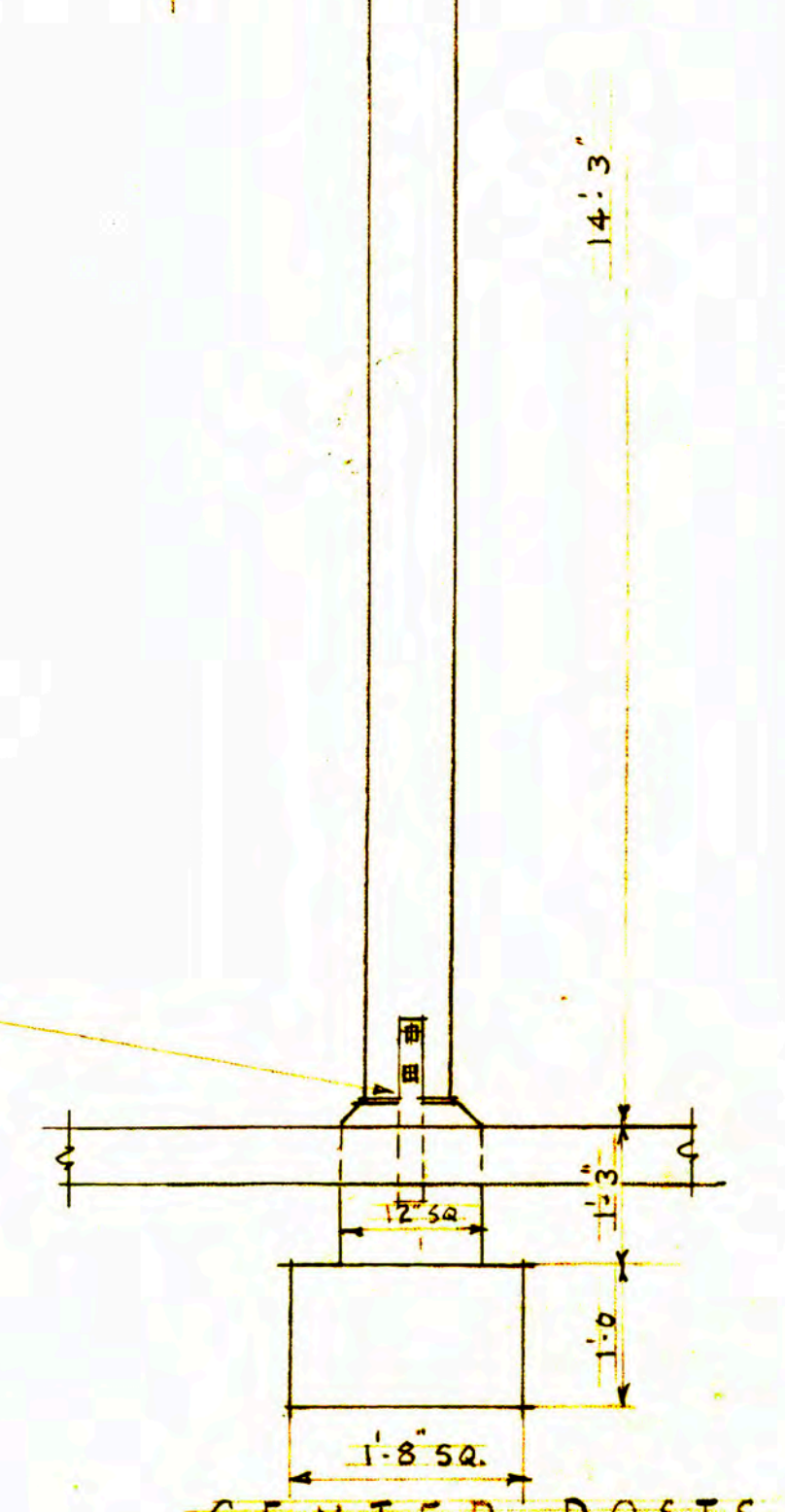
PLAN
SCALE: 1/8" = 1'-0"



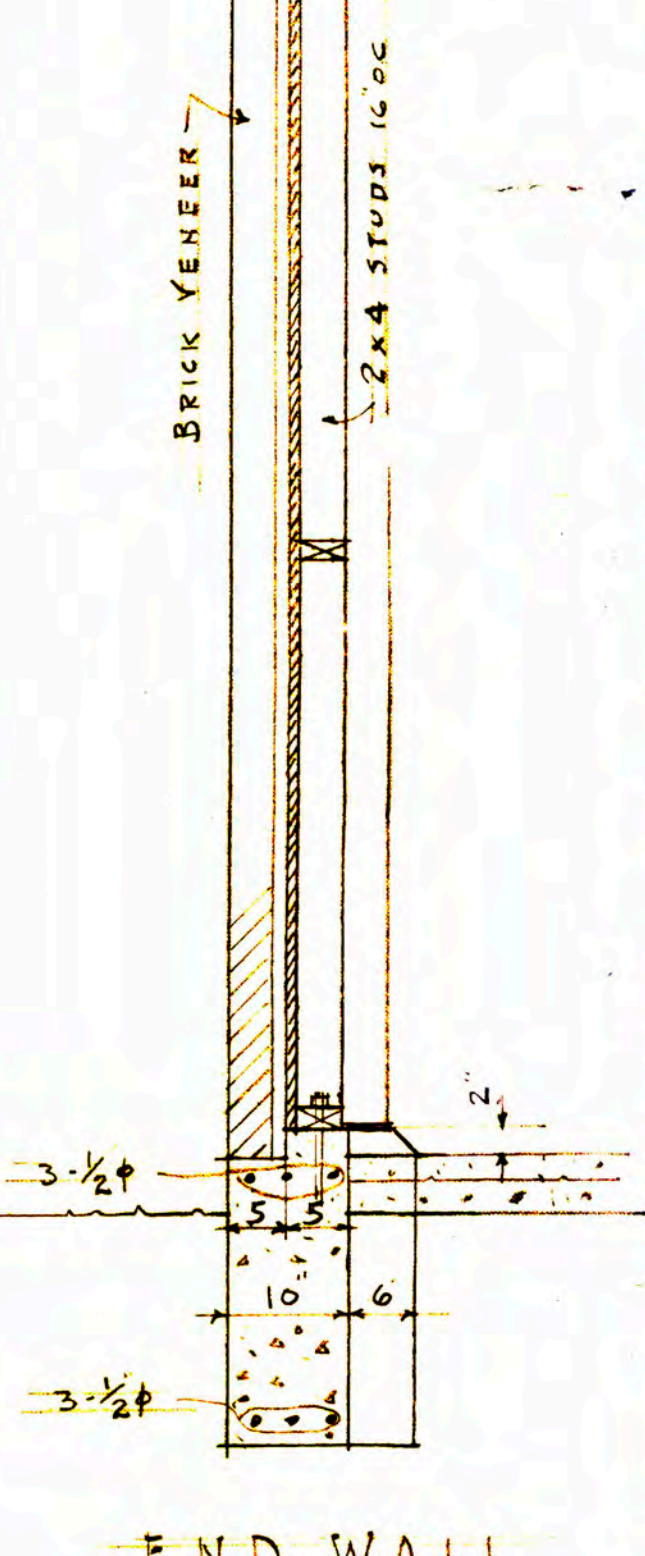
SECTION
SCALE: 1/8" = 1'-0"



FRONT & REAR WALL
SCALE: 3/4" = 1'-0"



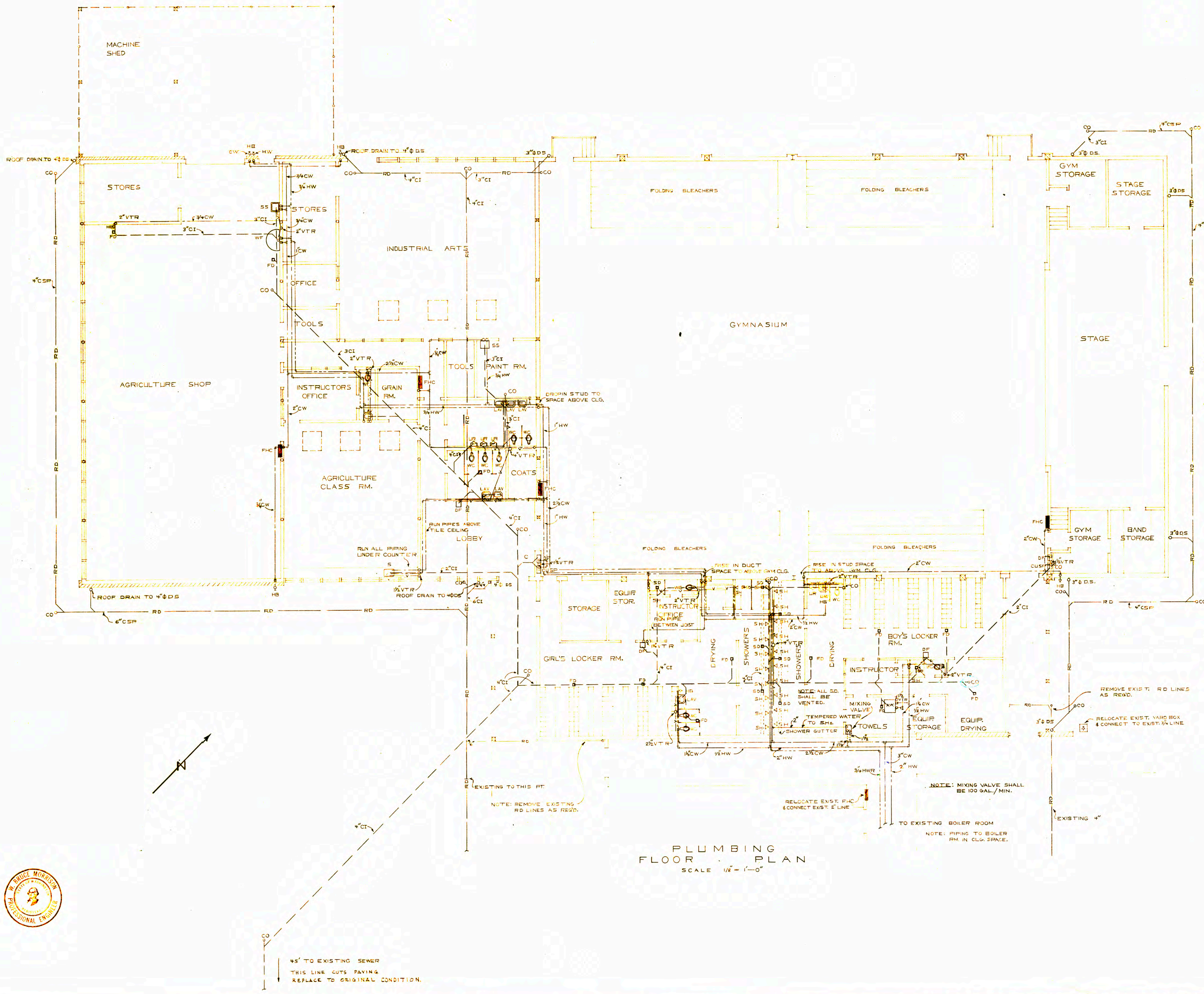
CENTER POSTS
SCALE: 3/4" = 1'-0"



END WALL
SCALE: 3/4" = 1'-0"

BUS GARAGE
SCALE: 1/8" = 1'-0"

BUS GARAGE - INTERIOR DETAILS
ADDITION TO SCHOOL BUILDING
PELL - WASHINGTON
SCHOOL DISTRICT NO 301
LEWIS COUNTY
GEO. M. WOLFF Architect
509 PEARSON 4TH AVE BLDG
PORTLAND OREGON
DATE AUG 19, 53
SHEET 10
OF 13



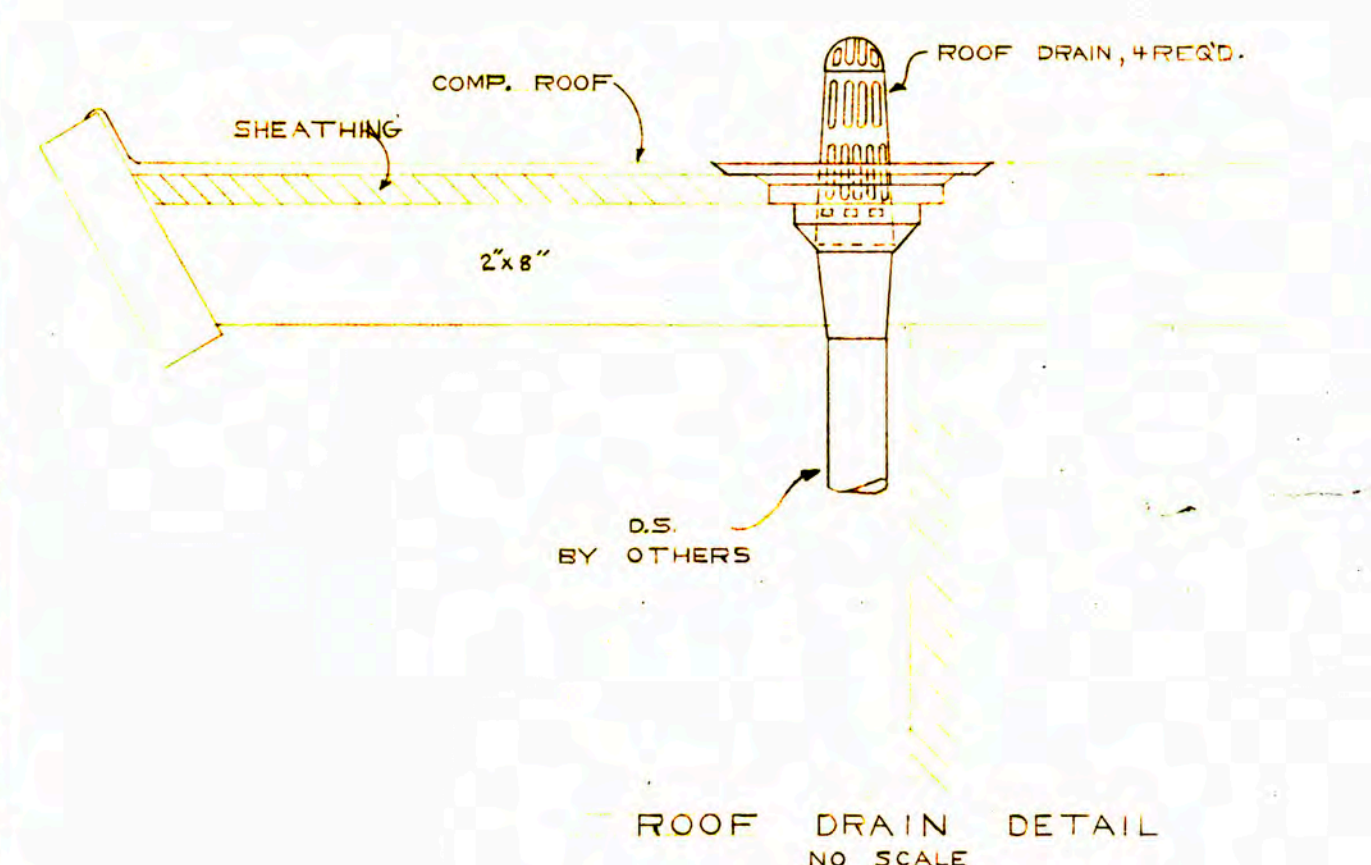
PLUMBING SCHEDULE

FIXTURE	SYMBOL	WASTE	VENT	CW	HW
WATER CLOSET	WC	4"	2"	1"	
URINAL	UR	2"	2"	3/4"	1/2"
SERVICE SINK	SS	2"	2"	1/2"	1/2"
SINK	S	1 1/2"	1 1/2"	1/2"	1/2"
LAVATORY	LAV	1 1/4"	1 1/4"	1/2"	1/2"
DRINKING FOUNT.	DF	1 1/4"	1 1/4"	1/2"	1/2"
WASH FOUNT.	WF	2"	1 1/2"	1/2"	1/2"
HOSE BIBB	HB			3/4"	1/2"
FIRE HOSE CABINET	FHC			2"	
FLOOR DRAIN	FD	3"	2"		
SHOWER DRAIN	SD	3"	3"	1 1/2"	1 1/2"
CUSHION	CUSP	1 1/2"	1 1/2"	1/2"	1/2"
SHOWER HEAD	SH			1/2"	1/2"
AUTOMATIC WASH.	AW	2"	2"	1/2"	1/2"

NOTES: THE ABOVE CONNECTION SIZES ARE FOR INDIVIDUAL FIXTURES. BRANCH WASTE & VENT LINES SHALL BE SIZED ON ACCUMULATED FIXTURE WEIGHTS AS PER APPLICABLE PLUMBING CODE. PLACE COV IN WALLS IF POSSIBLE. LOCATE CLEANOUTS NOT IN WALLS OUT OF LINE OF TRAFFIC. ALL FLOOR & SHOWER DRAINS SHALL BE 3".

PIPING LEGEND

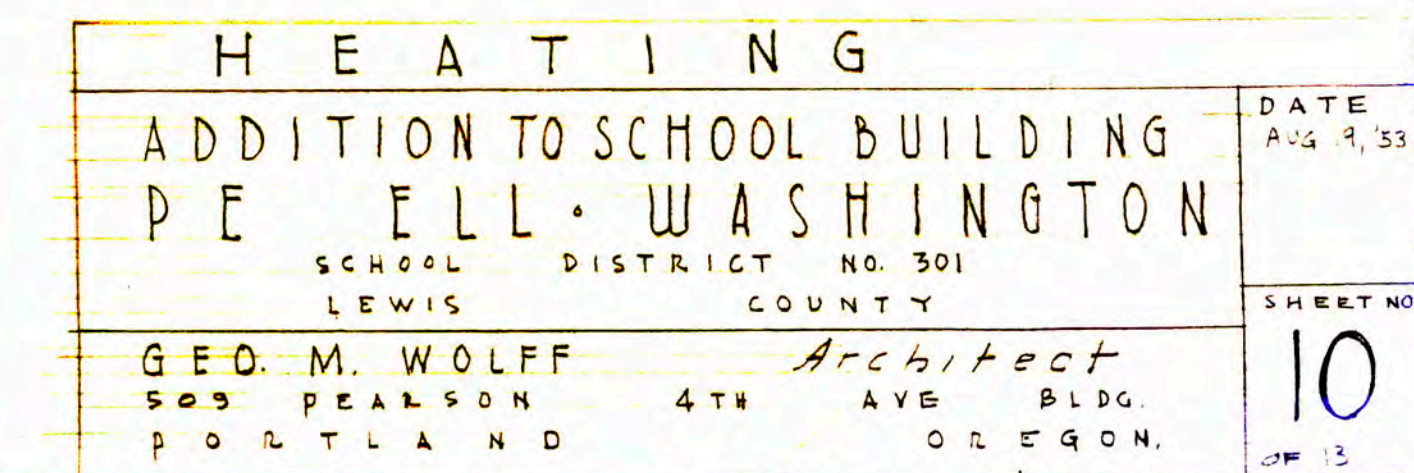
COLD WATER /
 HOT WATER /
 RE-CIRCULATED HOT WATER /
 WASTE /
 VENT /
 RAIN DRAIN /
 VENT TO ROOF /
 CLEAN OUT

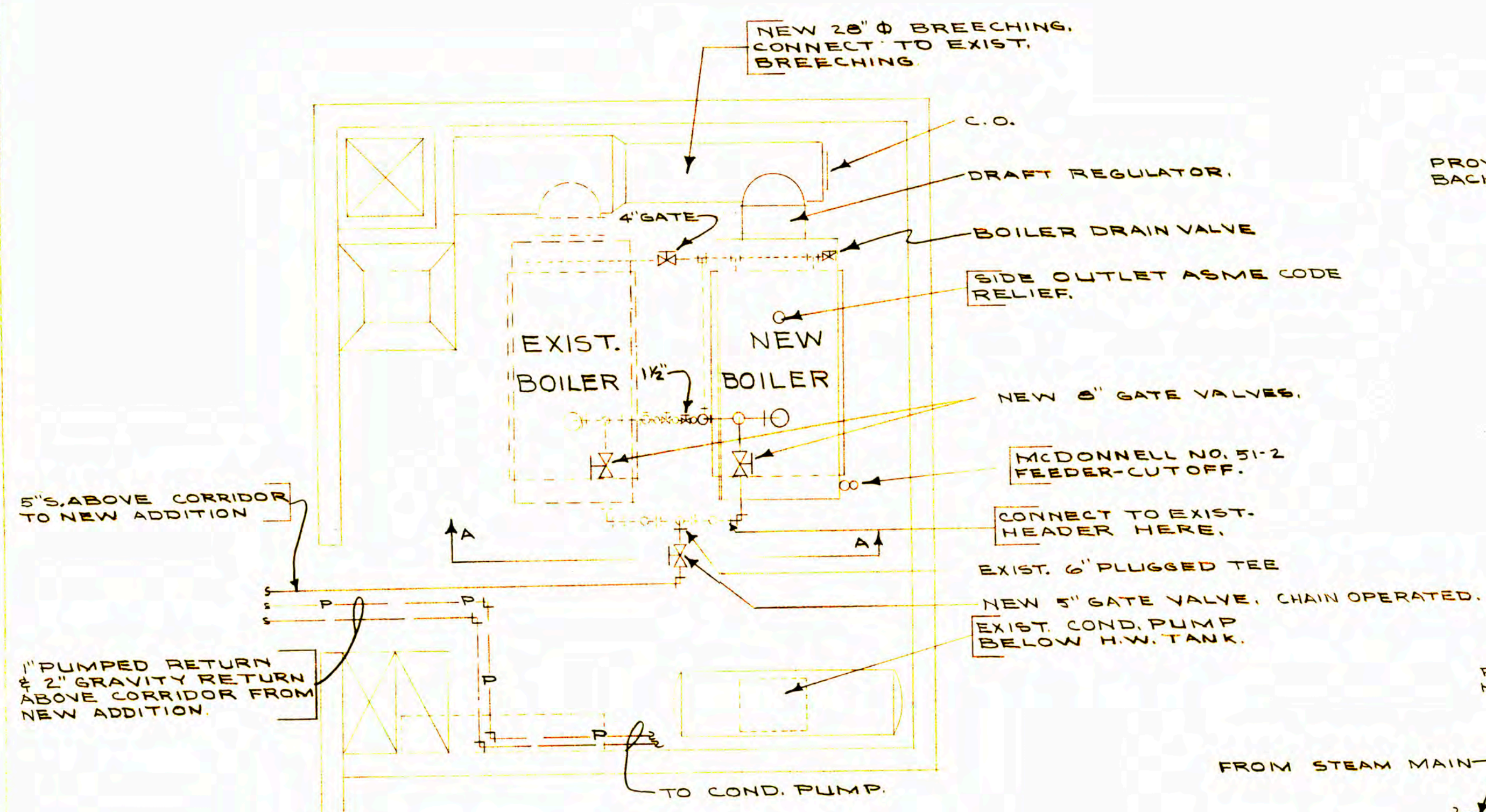


PLUMBING FLOOR PLAN
 SCALE 1/8" = 1'-0"

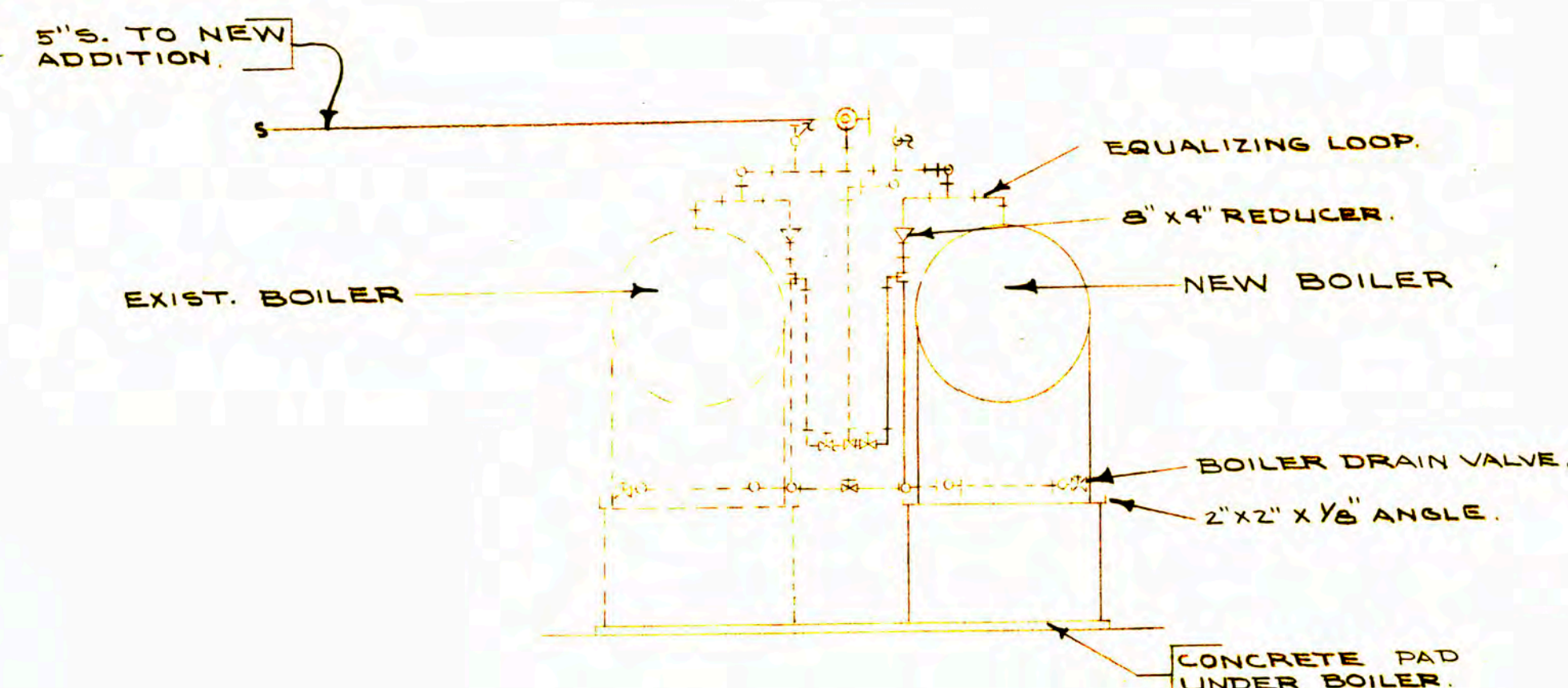


PLUMBING		DATE	AUG 19, 1933
ADDITION TO SCHOOL BUILDING		SHEET NO.	9
P E L L - WASHINGTON			
SCHOOL DISTRICT NO 301			
LEWIS COUNTY			
GEO. M. WOLFF Architect			
505 DEANSON AVE. S.E.			
PORTLAND OREGON			

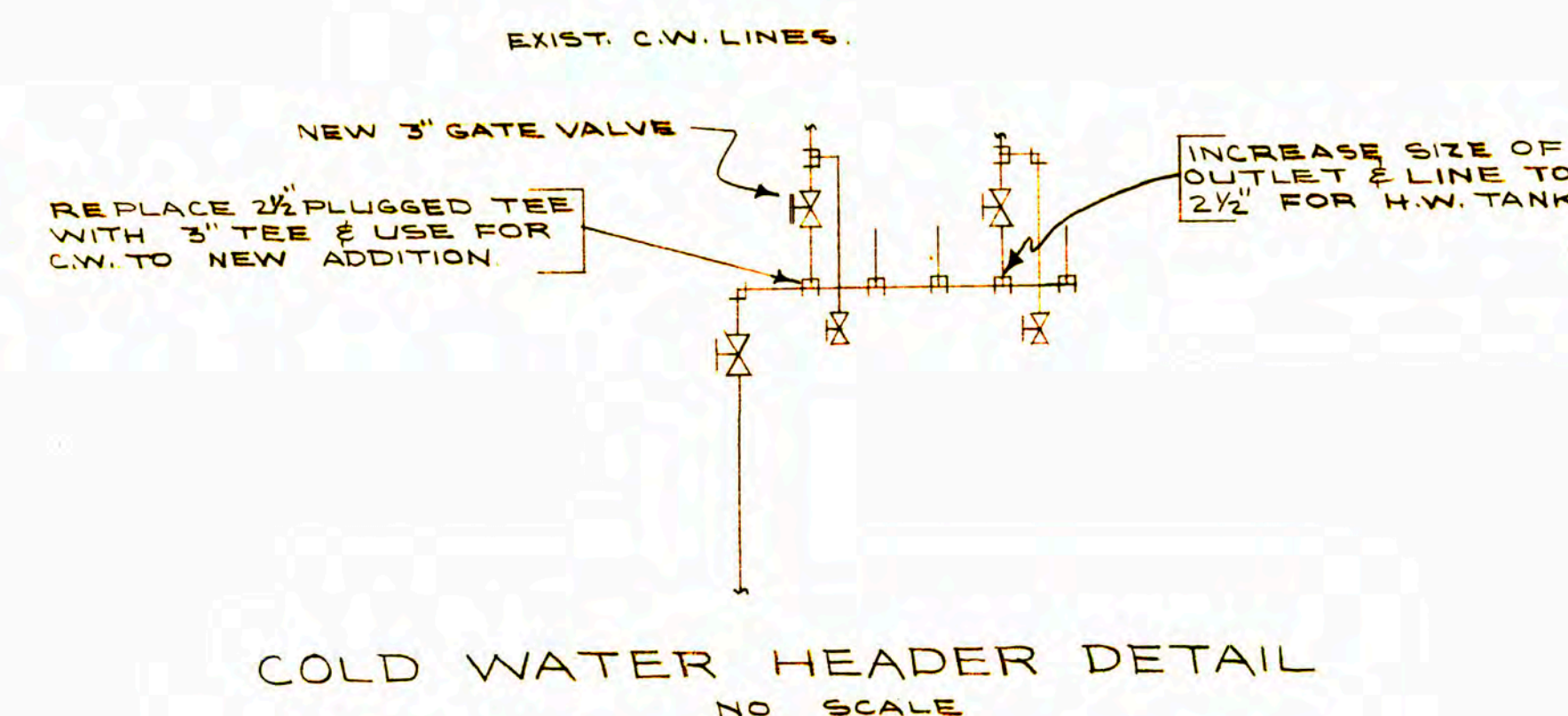
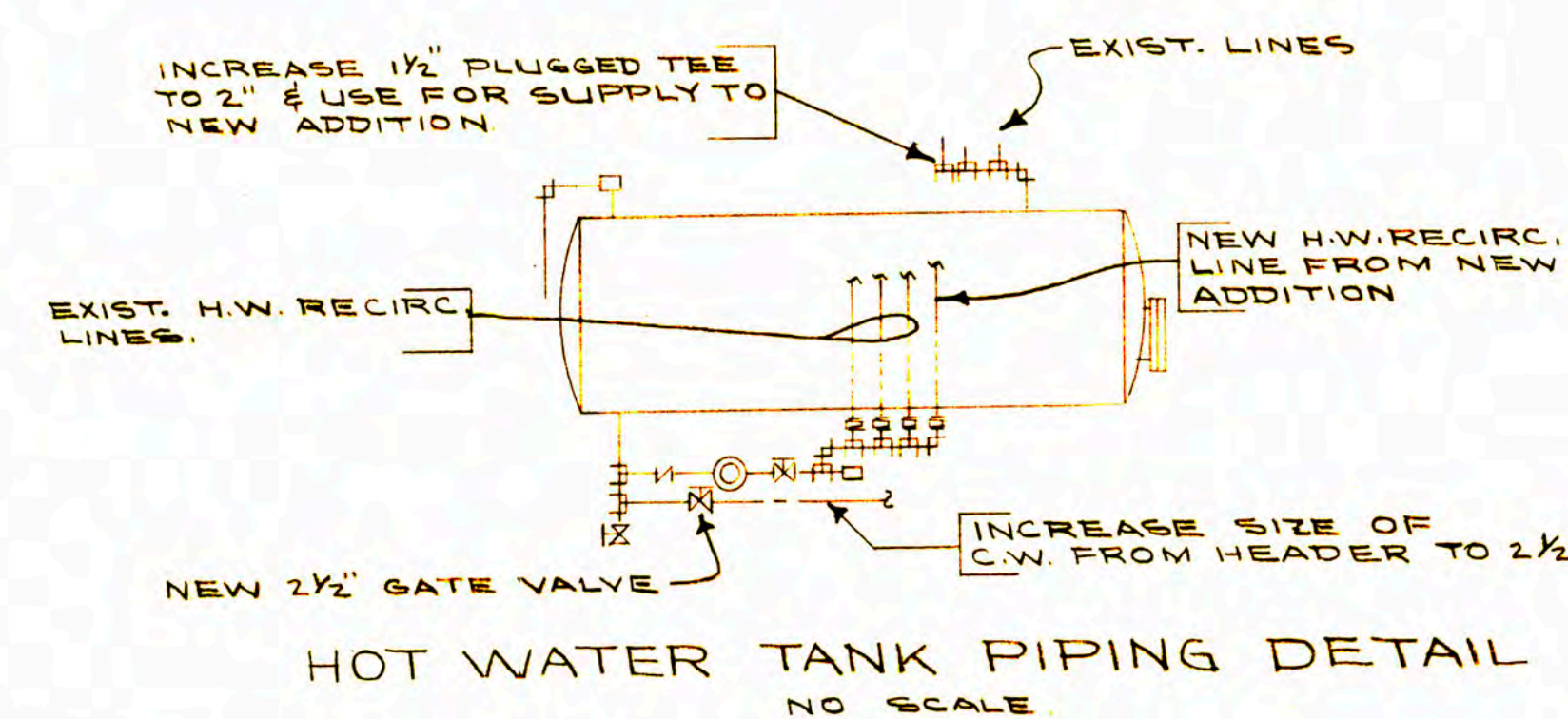
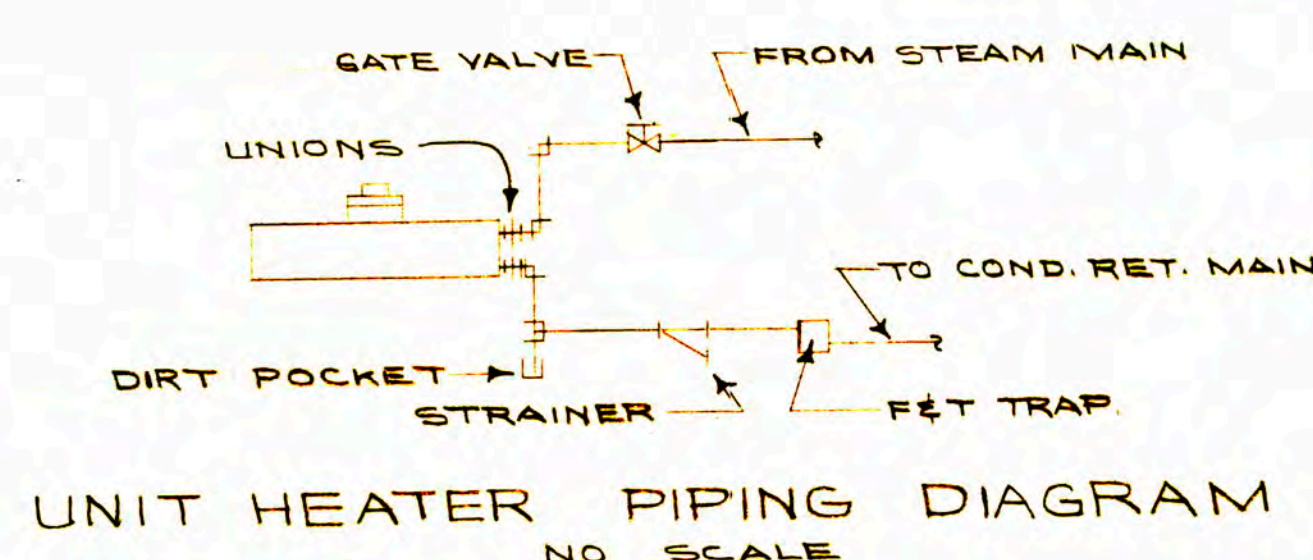
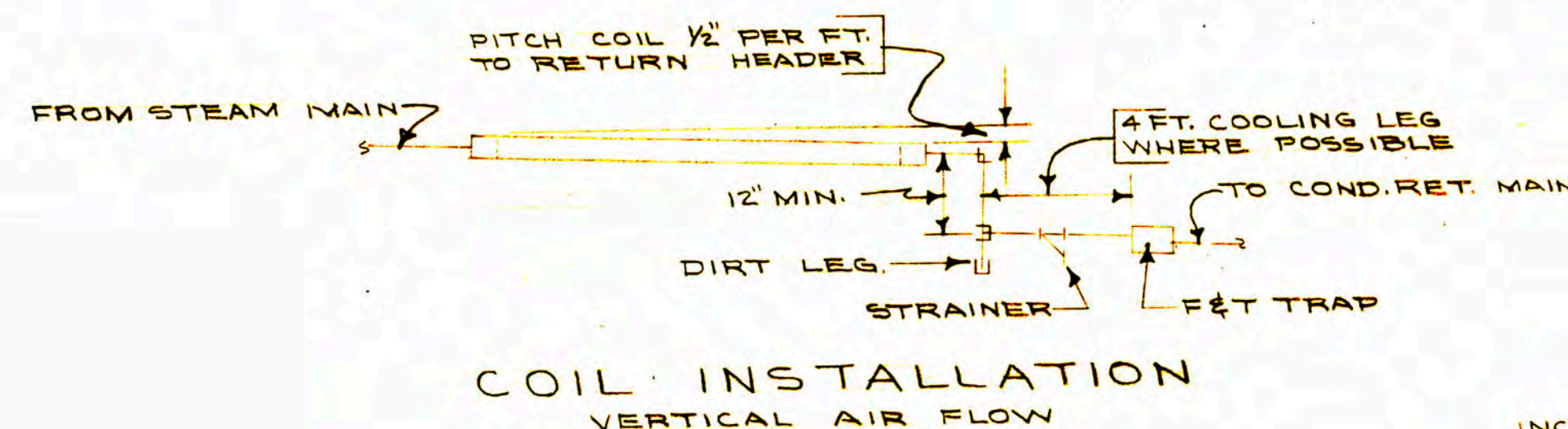
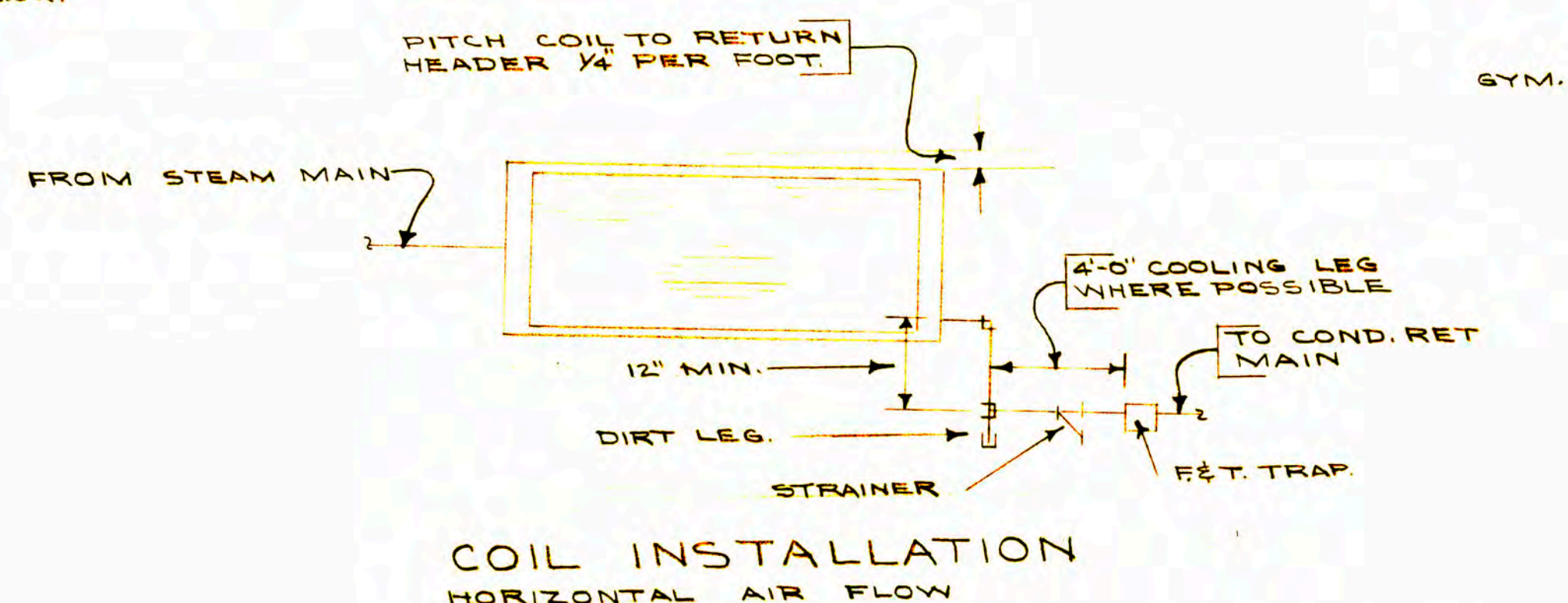
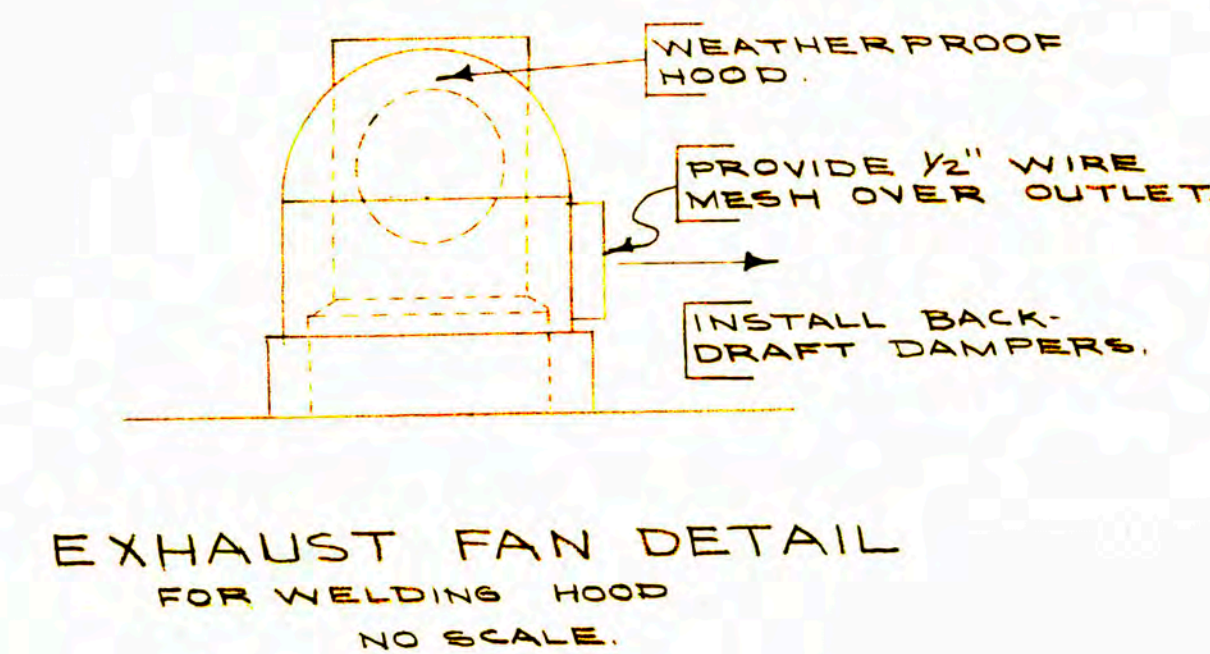
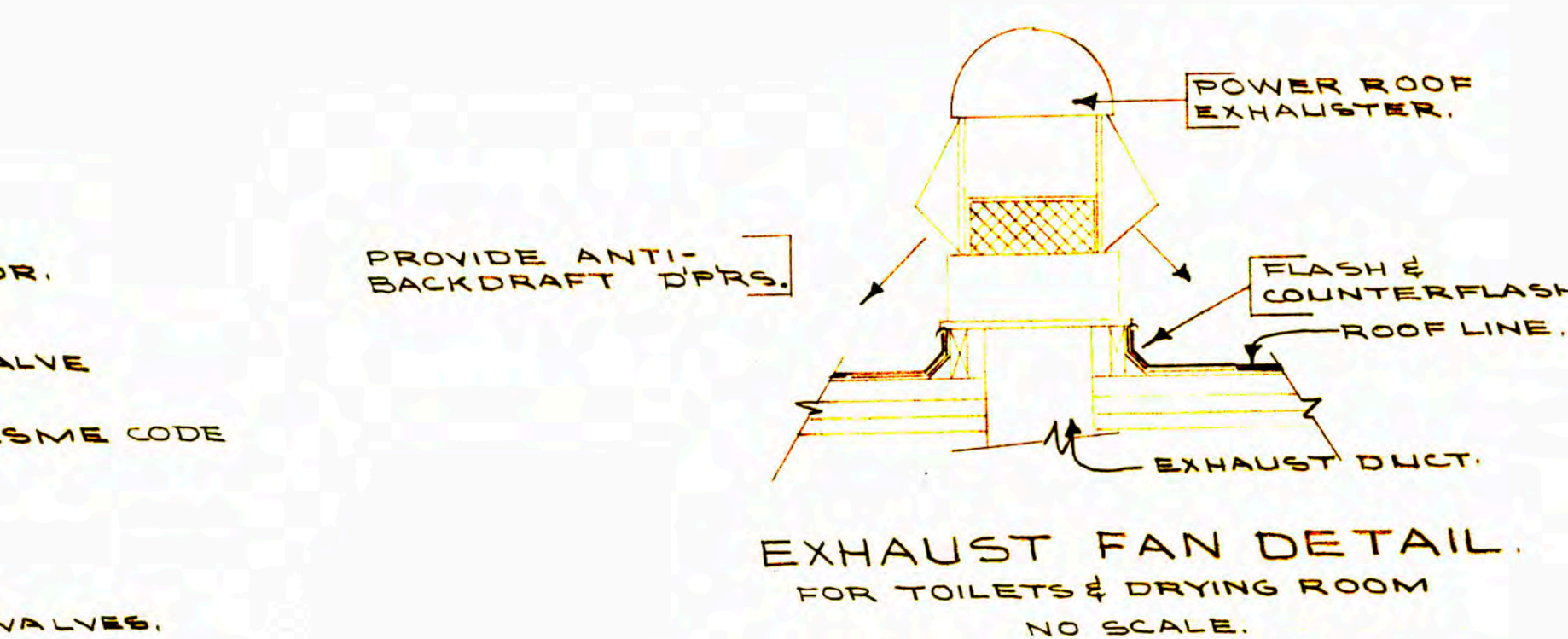




BOILER ROOM PLAN
SCALE: $\frac{1}{4}" = 1'-0"$



ELEVATION A-A
SCALE: $\frac{1}{4}" = 1'-0"$



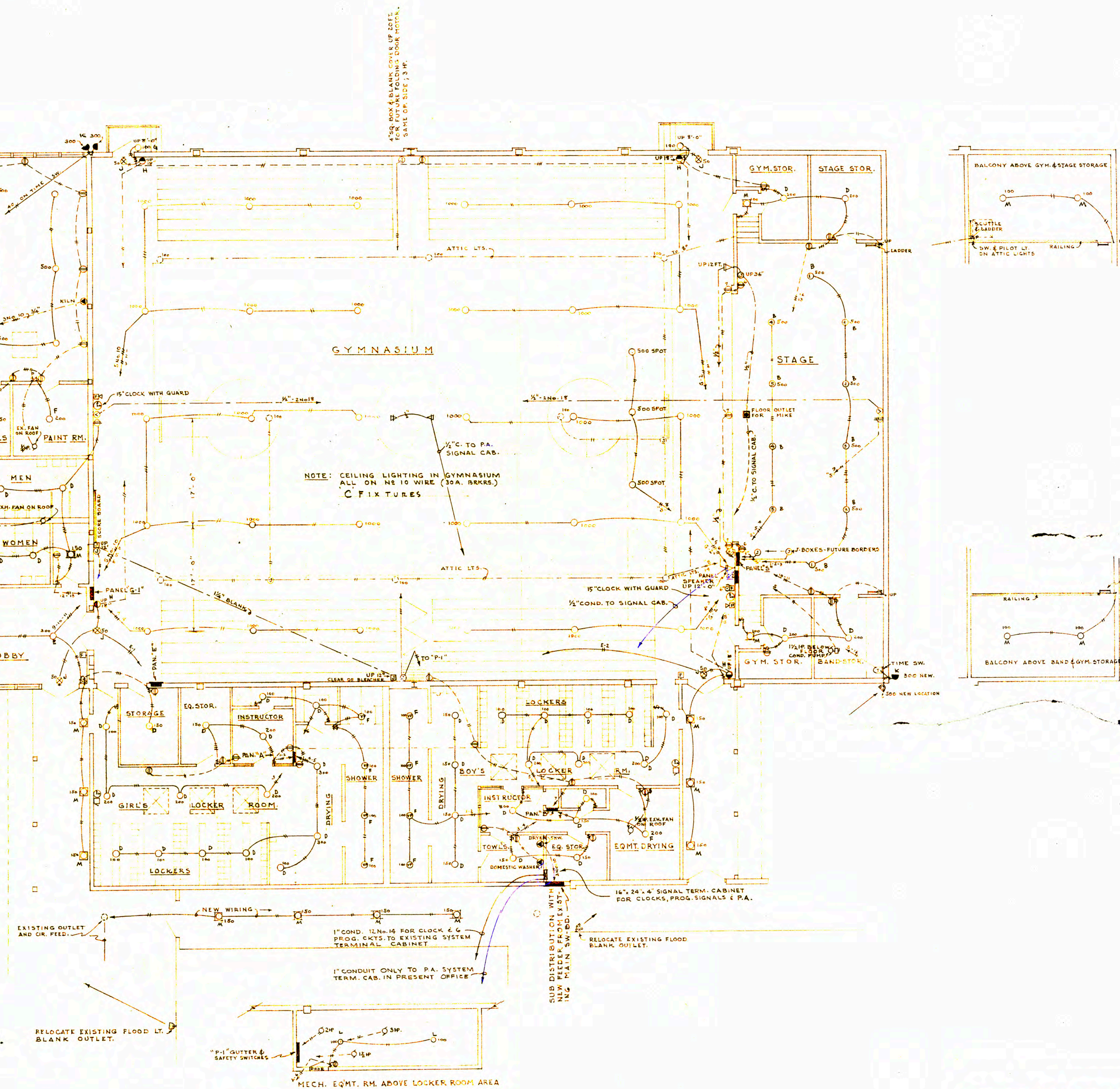
- PE ELL ADDITION
Equipment & Notes
- Boiler. 10,150 sq.ft. steam SHI rating with 715 sq.ft. heating surface min. set on 42" steel base and furnish complete with steam trap for 15 lb. working pressure, including side outlet ASME Code relief valve piped full inlet size through roof and McDonnell No. 51-2 feeder - cutoff combination. Boiler to match existing boiler.
 - Oil Burner. L.P. gas ignited full automatic high-low modulating fire type with a capacity of 32 GPH. Set for 30 GPH firing rate. Burner to match existing burner.
 - Gymnasium Supply Fan. NAFM Class 1, DWD1 URD COW ARR. No. 3 with P.I. blades to deliver 10,000 CFM at $\frac{1}{2}"$ S.P. and 1100 FPM C.V. Motor 3 HP.
 - Gymnasium Heating Coil. Two thus: 21" HDR x 18" tubes to heat 5000 CFM each from 50° F. to 110° F. on 2 lb. steam. Coils to be non-freeze type. Steam valves to pass 240 lb./hr. each.
 - Agricultural Shop Unit Heaters. Two thus: Vertical discharge type to deliver 50,000 BTU/hr on 2 lb. steam with 50 F&A. Max. fan speed 900 RPM. Min air 900 CFM. Max. air 1200 CFM.
 - Classrooms H & V Unit. Pace B-11 or approved with a capacity of 4000 CFM at $\frac{1}{2}"$ S.P. and 1100 FPM C.V.
Coils:
(a) For grain, instructor, tools, office and stores - 12" HDR x 18" tubes to heat 675 CFM from 50° F. to 85° F. on 2 lb. steam. Steam valve 20 lb./hr.
(b) For Ind. Arts. Classroom - 12" HDR x 36" tubes to heat 1500 CFM from 50° F. to 110° F. on 2 lb. steam. Steam valve 80 lb./hr.
(c) For tools, paint, mens toilet, womens toilet, lobby and school store - 12" HDR x 18" tubes to heat 950 CFM from 50° F. to 85° F. on 2 lb. steam. Steam valve 30 lb./hr.
(d) For agriculture classroom - 12" HDR x 21" tubes to heat 900 CFM from 50° F. to 115° F. on 2 lb. steam. Steam valve 51 lb./hr.
 - Locker Areas H & V Unit. Pace B-16 or approved, with capacity of 5000 CFM at $\frac{1}{2}"$ S.P. and 1100 FPM C.V. Motor 2 HP. Heating coils:
(a) For girls lockers - 10" HDR x 30" tubes to heat 2200 CFM from 50° F. to 85° F. on 2 lb. steam. Steam valve 75 lb./hr.
(b) For towels, instructors office, etc. - 12" HDR x 18" tubes to heat 700 CFM from 50° F. to 75° F. on 2 lb. steam. Steam valve 15 lb./hr.
(c) For boys locker area - 21" HDR x 30" tubes to heat 2700 CFM from 50° F. to 85° F. on 2 lb. steam. Steam valve 95 lb./hr.
 - Welding Exhaust Fan. SWGI RHD Utility set with B.I. blades and weather proof housing. Capacity 1000 CFM at 1200 FPM C.V. and 1/4" S.P.
 - Paint room exhaust fan. Devilbiss JF-5001 or approved, propeller type with non-ferrous wheel and explosion proof motor. Fan capacity 1000 CFM at 1/4" S.P.
 - Toilets Exhaust Fan. Ilg PRV 15 or approved, with capacity of 400 CFM free delivery. Furnish with anti-backdraft dampers.
 - Equipment Drying Room Exhaust Fan. Ilg PRV 15 or approved, with capacity of 400 CFM free delivery.
 - Shower Rooms Exhaust Fan. NAFM Class 1 SWGI URD C.W. ARR. No. 3 with B.I. blades. Capacity 5000 CFM at $\frac{1}{2}"$ S.P. and 1100 FPM C.V. Motor 1 1/2 HP.
 - Condensate Pump. Single type rated at 4000 sq.ft. EDR with capacity of 6 GPM at 30 lb. discharge. Min. receiver - 15 gallon.
 - All steam valves to pass pounds per hour indicated on 5 lb. steam with 2 lb. drop.
 - All steam traps to pass 1 1/2 times the capacity of the steam valve at 1 lb. drop.
 - All coils to be non-freeze type.
 - Motors up to 1/2 HP shall be as required for 120 V. single phase power. Motors 1/2 HP and up to be as required for 240 V. single phase power.
 - All heating coils to have access openings in duct work or plenums for cleaning both sides of coil.





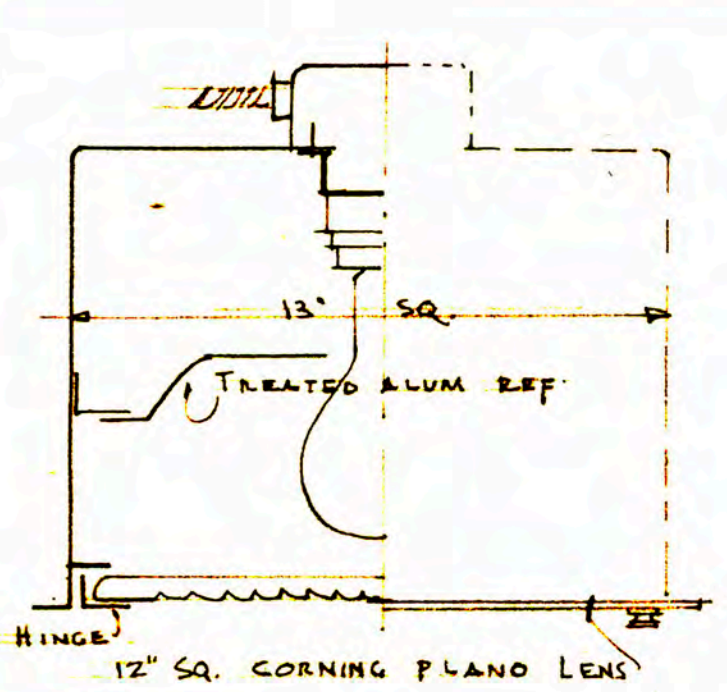
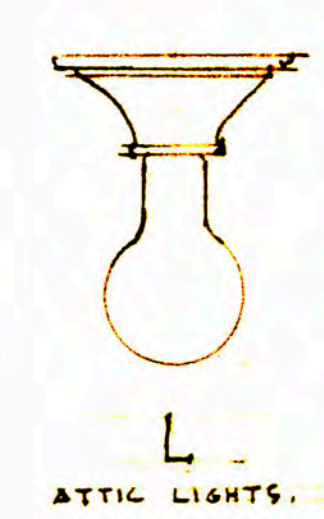
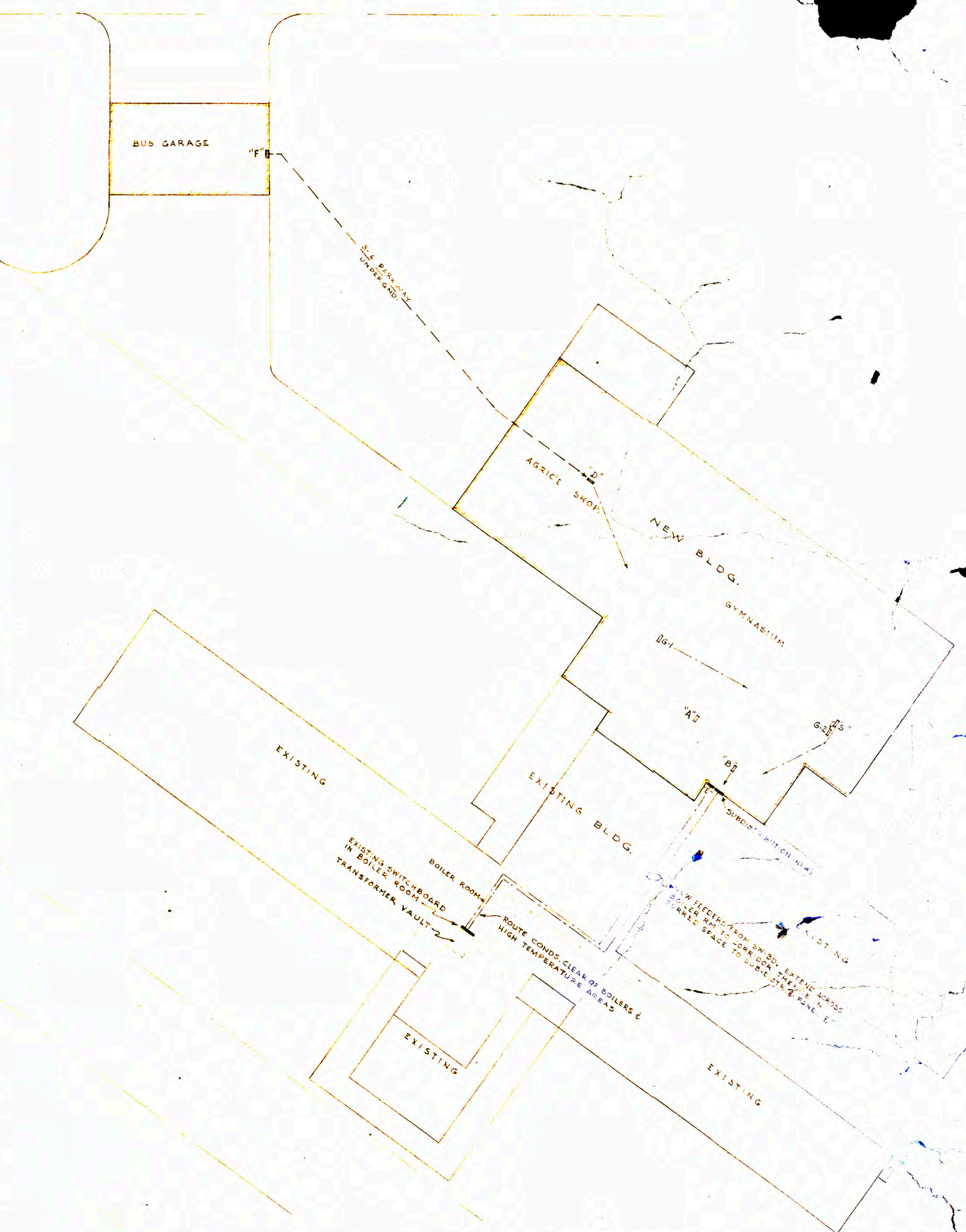
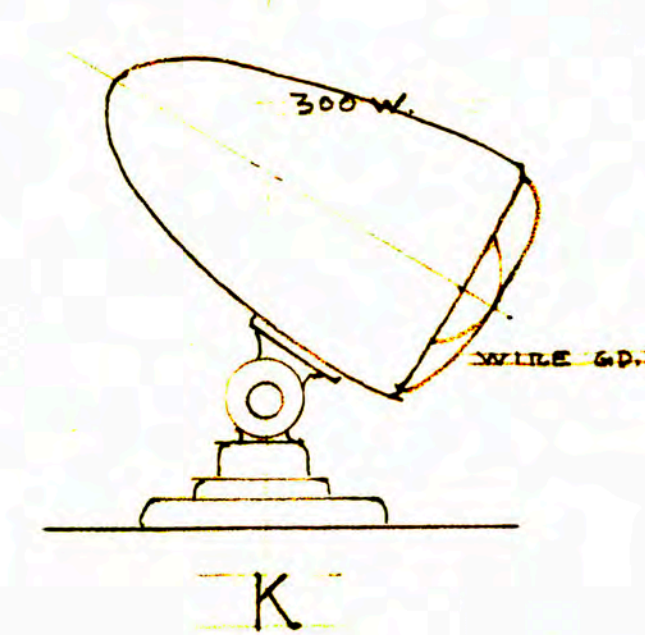
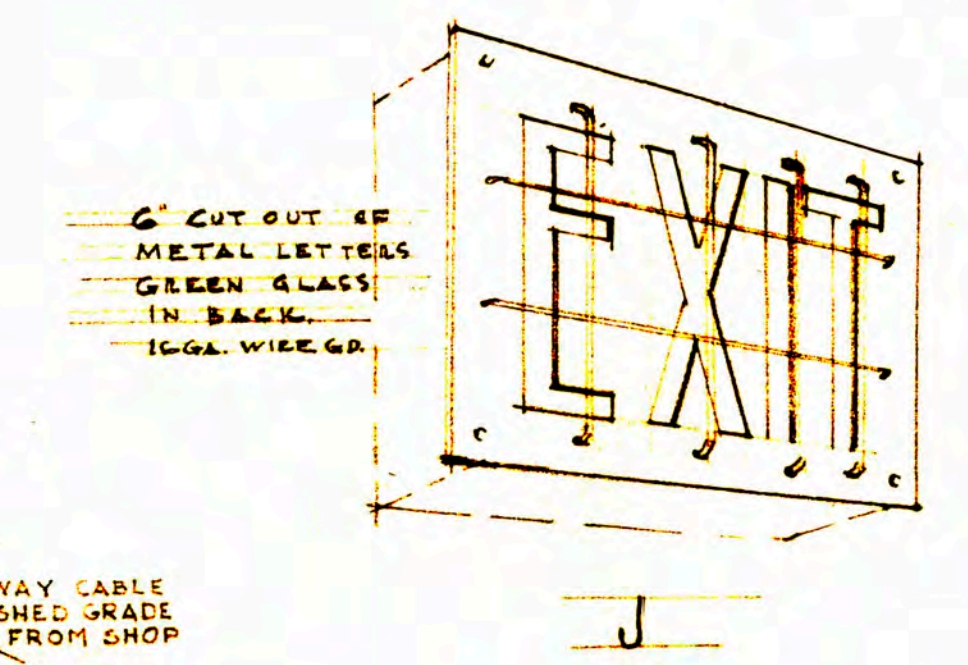
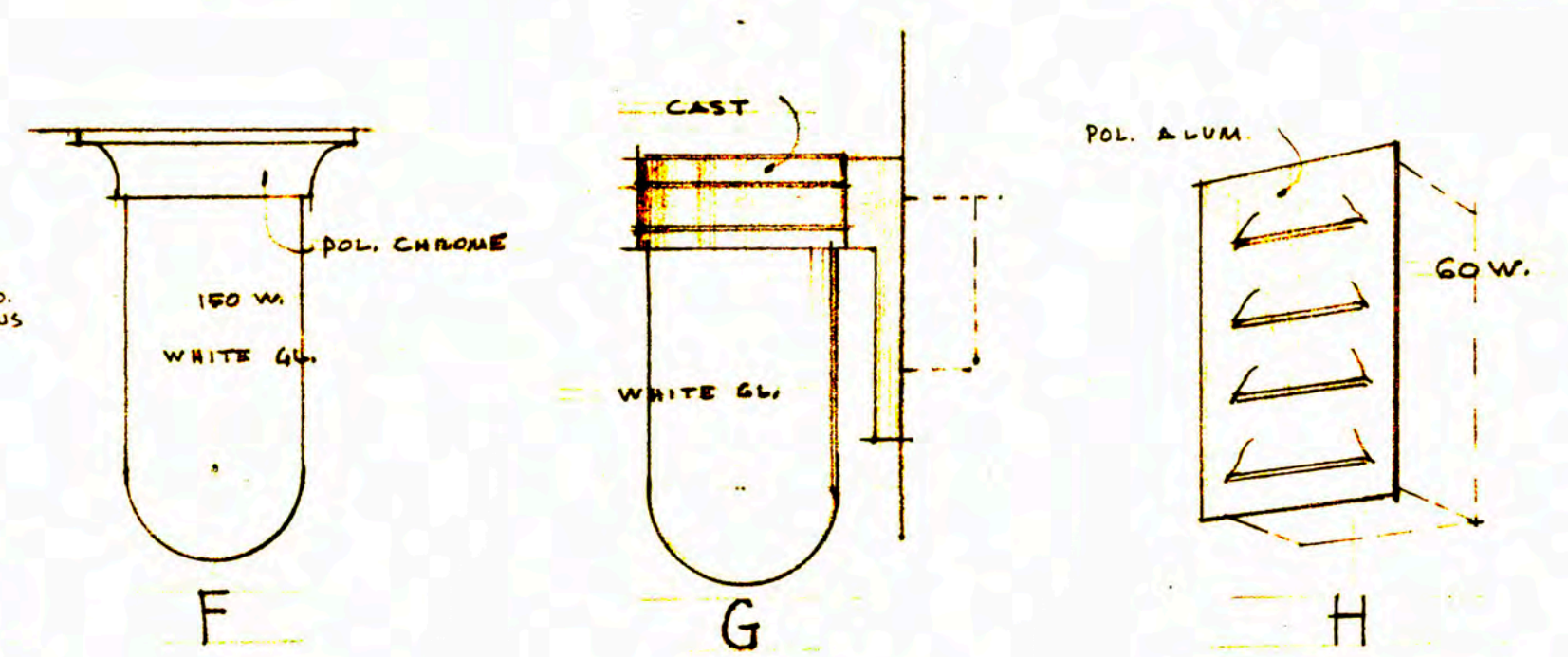
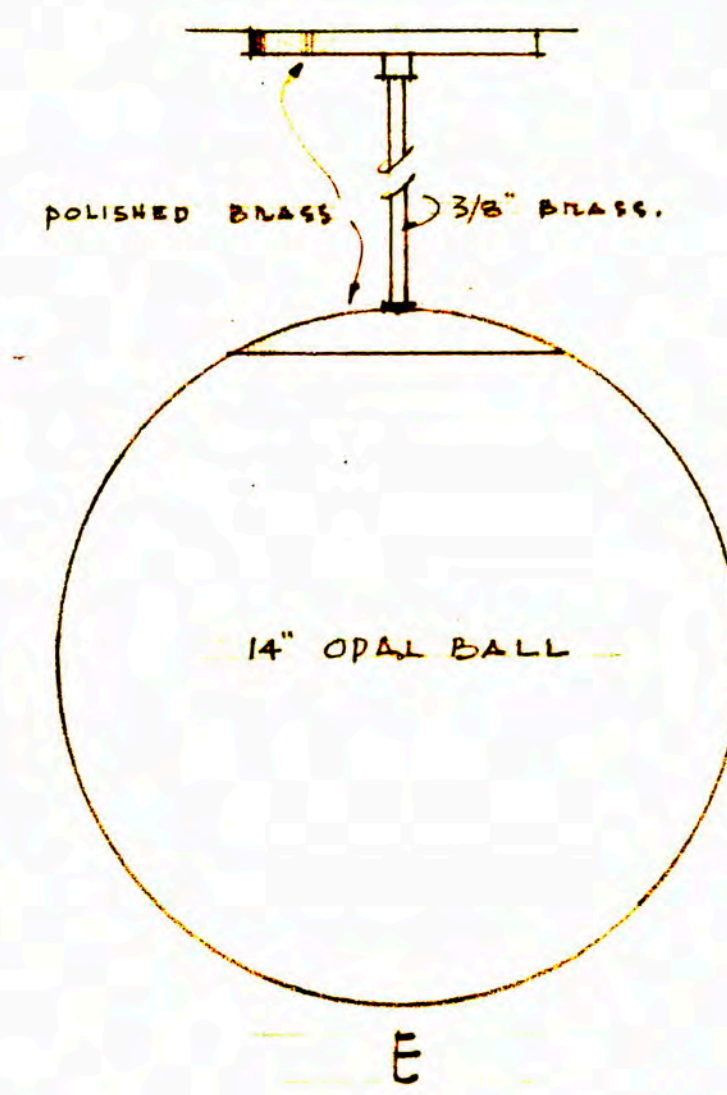
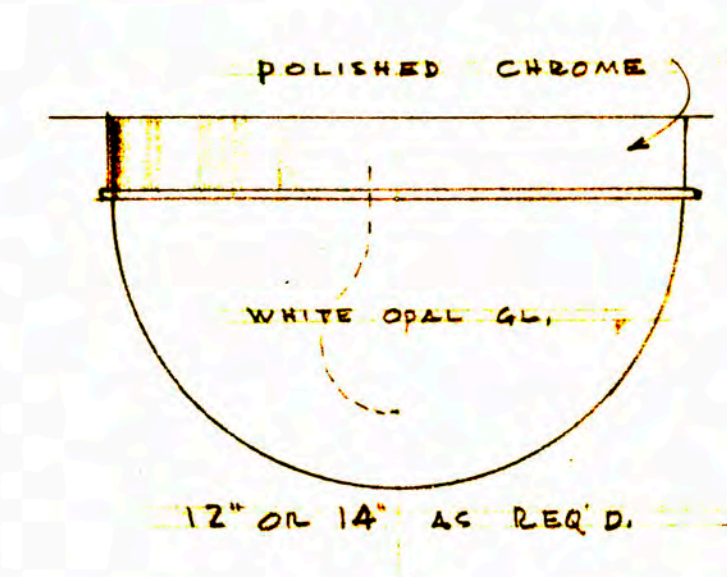
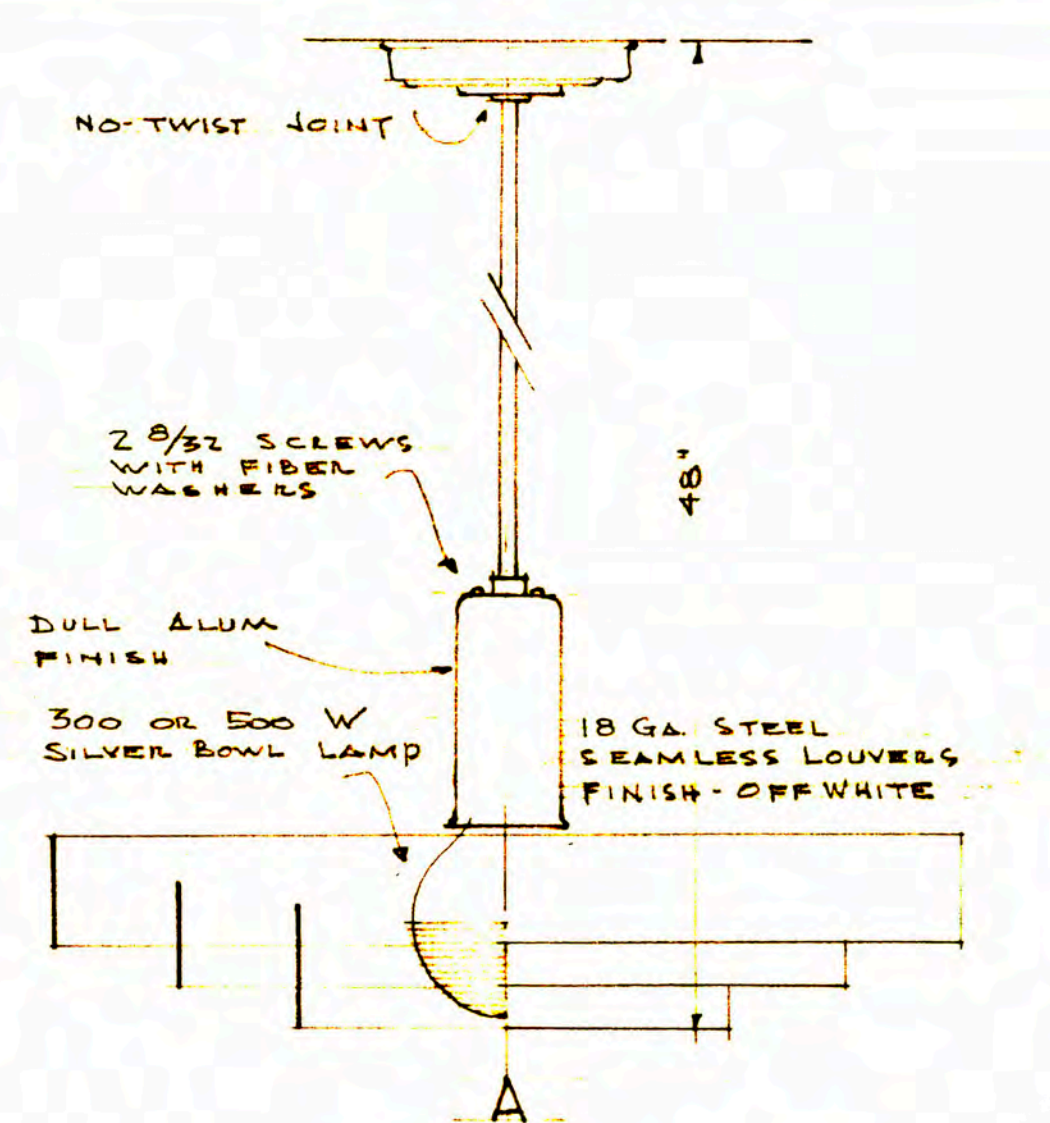
GEORGE M. WOLFF
GRANT KELLEY & CO.
CONSULTING ELECTRICAL ENGINEERS
PORTLAND OREGON

ELECTRICAL SYMBOLS	
○	CEILING LIGHT OUTLET
⊙	RECESSED CEILING LIGHT FIXTURE
○	WALL BRACKET LIGHT OUTLET
⊙	EXIT SIGN
⊙	LOUVER FIXTURE 18" ABOVE FLOOR, ON "EMERGENCY" SYSTEM
⊙	OUTSIDE FLOODLIGHT
⊙	DUPLEX CONVENIENCE RECEPTACLE
⊙	SPECIAL PURPOSE OUTLET - AS NOTED
⊙	MOTOR OUTLET
⊙	SAFETY DISCONNECT SWITCH
⊙	MOTOR STARTER
⊙	JUNCTION BOXES
⊙	FLUSH SINGLE-POLE SWITCH
⊙	FLUSH 3-WAY SWITCH
⊙	SECONDARY CLOCK
⊙	PROGRAM BUZZER
⊙	" HORN
⊙	FIRE ALARM BELL
⊙	" " BREAK-GLASS STATION
⊙	PUBLIC ADDRESS SPEAKER WITH CALL-IN SW. SEE SPECS.
⊙	MICROPHONE - FLOOR OUTLET
⊙	VISUAL AID OUTLET



FLOOR PLAN SCALE 1/8" = 1'-0"

ELECTRICAL
ADDITION TO SCHOOL BUILDING
PELL-WASH
SCHOOL DISTRICT NO. 1
LEWIS COUNTY
GEO. M. WOLFF
509 PEARSON
PORTLAND



PLOT PLAN SCALE: 1" = 30'-0"

ELECTRICAL
ADDITION TO S
P E L L