

AC. ACOUSTIC
ADJ. ADJUSTABLE
ALUM. ALUMINUM
ASBT. ASBESTOS
ASPH. ASPHALT
BD. BOARD
BET. BETWEEN
BLDG. BUILDING
CB. CHALKBOARD
CEM. CEMENT
CLG. CEILING
CLST. CLOSET
COL. COLUMN
CONC. CONCRETE
CONT. CONTINUOUS
CUSP. CUSPIDOR
D.F. DRINKING FOUNTAIN
DIM. DIMENSION
DN. DOWN
DWG. DRAWING
ELEV. ELEVATION
EXP. JT. EXPANSION JOINT
EXT. EXTERIOR
EXIST. EXISTING
F.D. FLOOR DRAIN
FIN. FINISH
F.H.C. FIRE HOSE CABINET
FHWS. FLAT HEAD WOOD SCREWS
FL. FLOOR
GA. GAUGE
GI. GALVANIZED IRON
GL. GLASS
GYM. GYMNASIUM
HDWD. HARDWOOD
INT. INTERIOR
LAV. LAVATORY
MECH. MECHANICAL
MD. METAL DIVIDER
MIN. MINIMUM
MTL. METAL
N.C. NOT IN CONTRACT
O.C. ON CENTER
PART. PARTITION
PLAS. PLASTER
P.B. PANIC BOLT
PERF. PERFORATED
PLYD. PLYWOOD
REINF. REINFORCING
RHWS. ROUND HEAD WOOD SCREWS
RWD. REDWOOD
RWL. RAIN WATER LEADER
SIM. SIMILAR
SPEC. SPECIFICATIONS
STRUC. STRUCTURAL
TB. TACKBOARD
TYP. TYPICAL
UR. URINAL
W.C. WATER CLOSET
WIN. WINDOW
WSC. WAINSCOT

51
 A-6

2

H-MA
 2

101

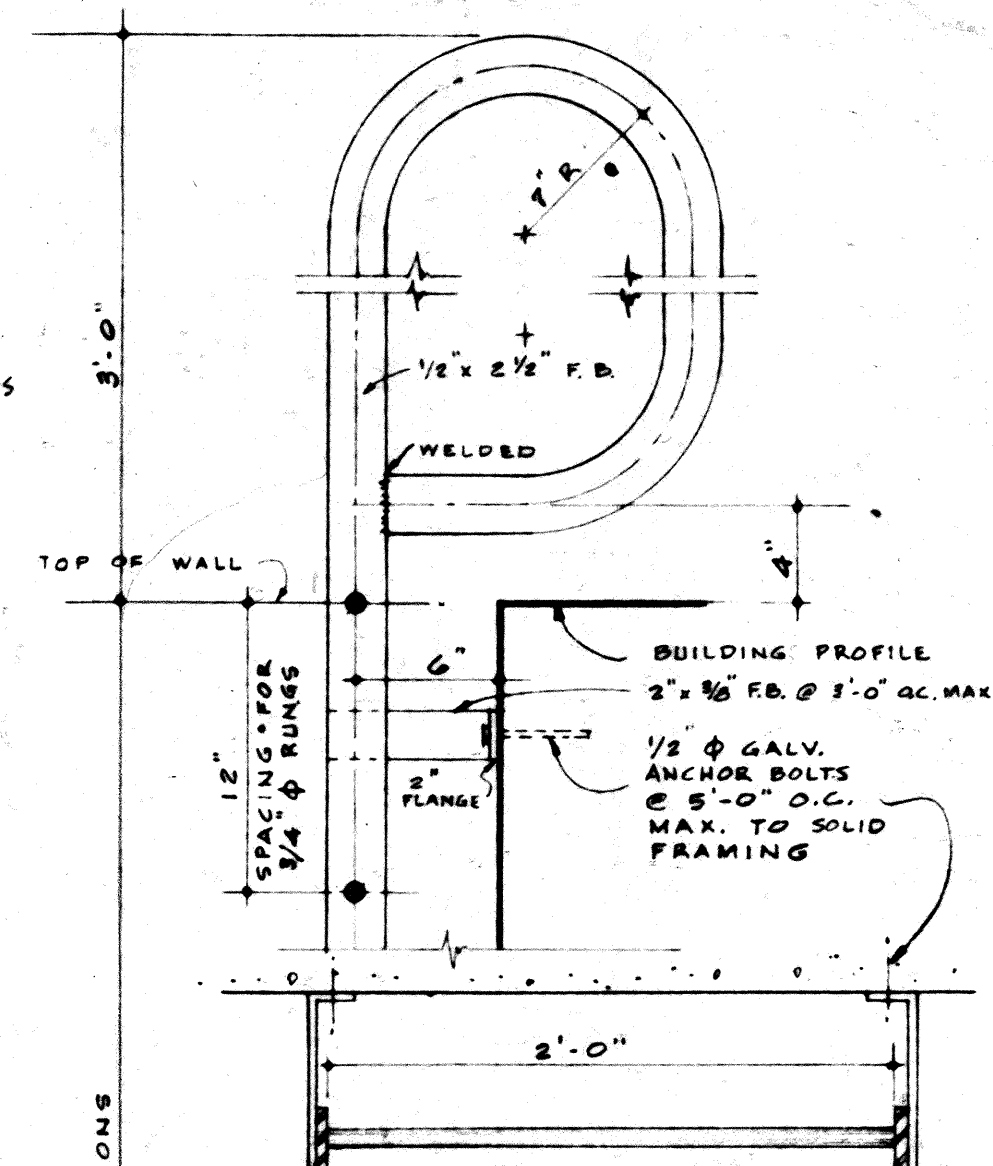
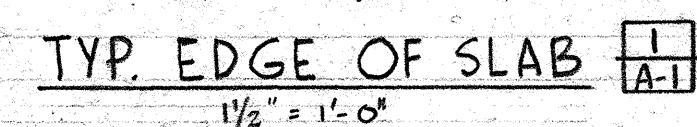
2025
 2025

N
 S

COVER
 LINER
 DE RATCH HOOK
 ROOF
 BEAD
 LATH &
 TEA
 4x4 FLANGE
 6" TO RUNG
 1/2" & LAG BOLTS
 1/2" BEHIND FLANGE
 1" RUNGS
 1" TYP.
 6" TYP.
 1'-0"

REFERENCE NORTH
 TOP MOST RUNG
 NEOPRENE GASKET
 TOP HARDSHIPS
 1/2" x 3/4" FLASH
 CANT
 7 1/2"
 9 1/2"
 SECTION

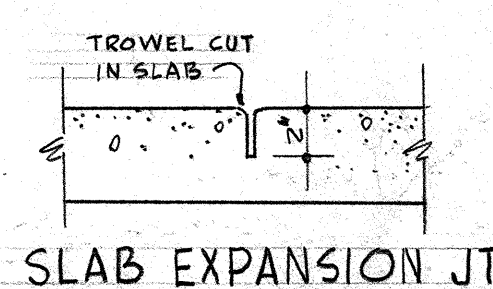
SPACE RUNGS TO WITHIN
 12" FROM FLOOR
 PLAN
 ROOF SCUTTLE
 SCALE 1/8"=1'-0"



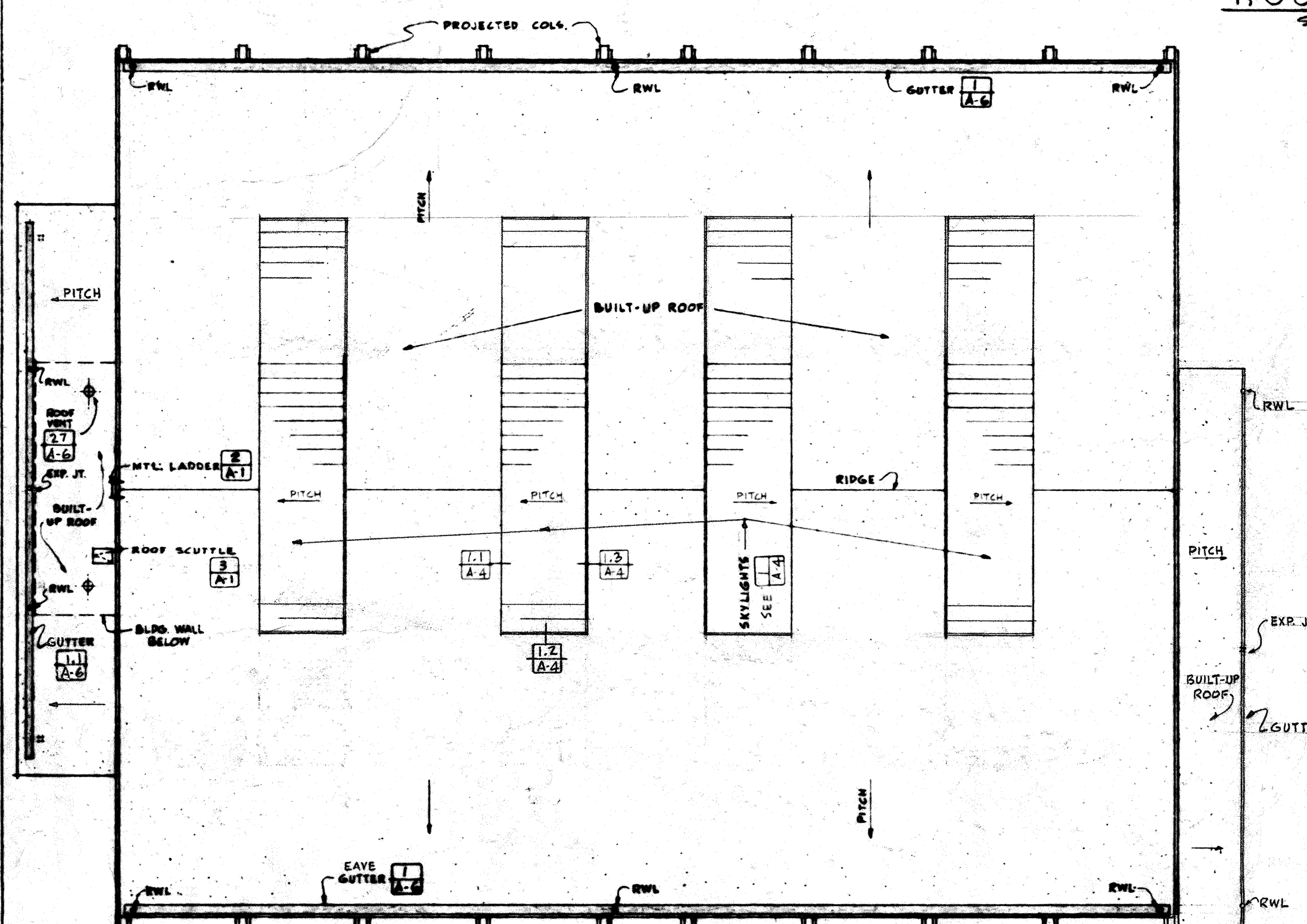
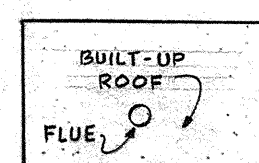
ROOF LADDER

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

2
A-1

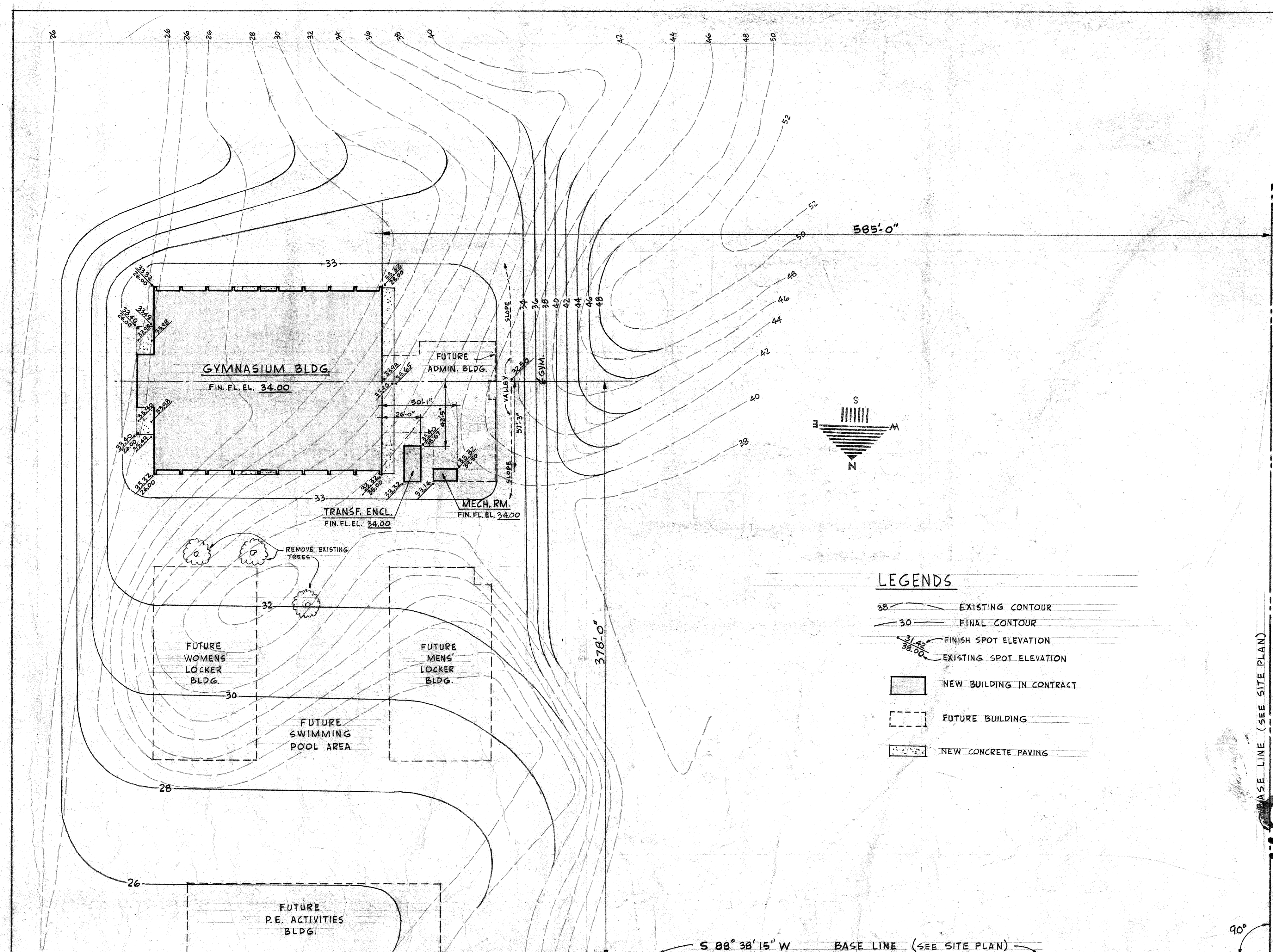


SLAB EXPANSION JT



ROOF PLAN

SCALE : $\frac{1}{8}" = 1'-0"$



PLOT PLAN & GRADING PLAN

SCALE: 1" = 40'

DONALD L. HARDISON ARCHITECT
HARRY B. CLAUSEN S. RICHARD KOMATSU ASSOCIATE ARCHITECTS
160 BROADWAY RICHMOND 2, CALIFORNIA BEACON 4-1414

P. E. GROUP - GYMNASIUM BUILDING
CONTRA COSTA JUNIOR COLLEGE - EAST CAMPUS
CONTRA COSTA JUNIOR COLLEGE DISTRICT
CONTRA COSTA COUNTY, CALIFORNIA
GOLF LINKS ROAD

APPROVED BY
BOARD OF TRUSTEES
REPORT NO. 429 MAY 28 1956.
PRESIDENT : EDGAR W. DALE
SECRETARY : ELTON GROMBACHER
ARCHITECT : *Donald L. Harrison*
COUNTY SUPERINTENDENT OF SCHOOLS
APPROVED BY LETTER MAY 18 1956

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

4780 APPROVED AUG 28 1956

Per *M. W. Saffery*
REGISTRATION NO.

PLOT PLAN

ROOF PLAN

DETAILS

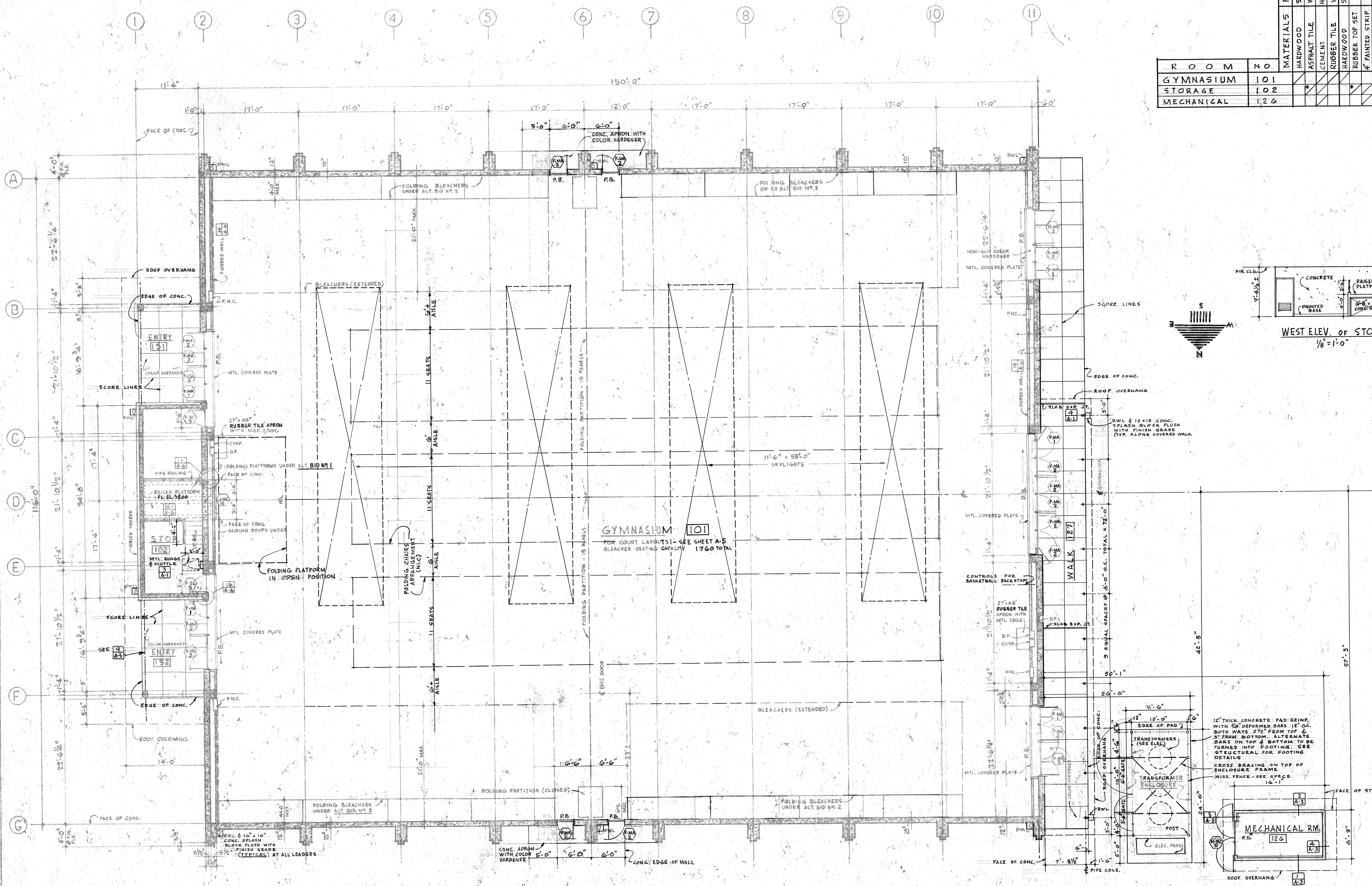
DATE : MAY 21, 1950

JOB NO. 55102

S H E E

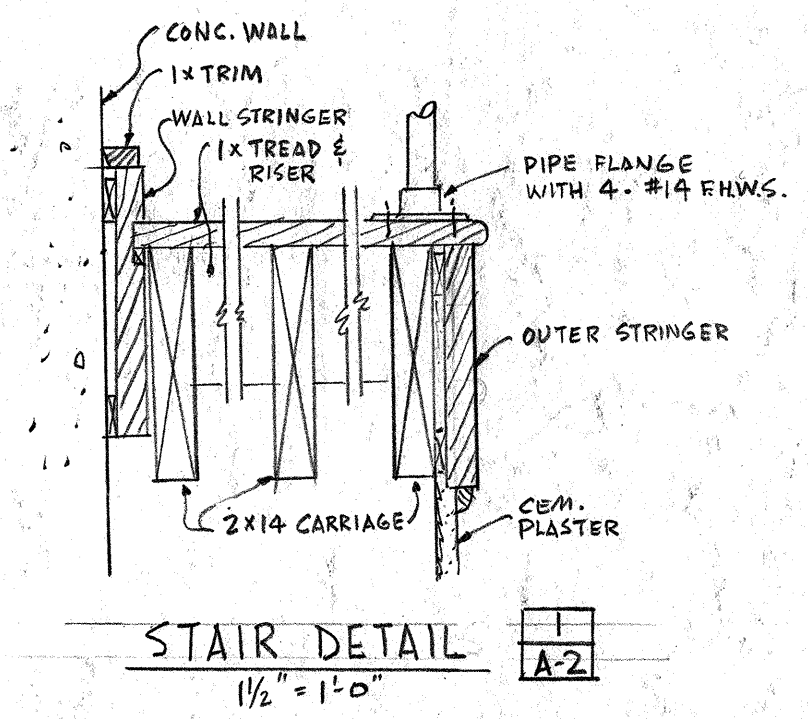
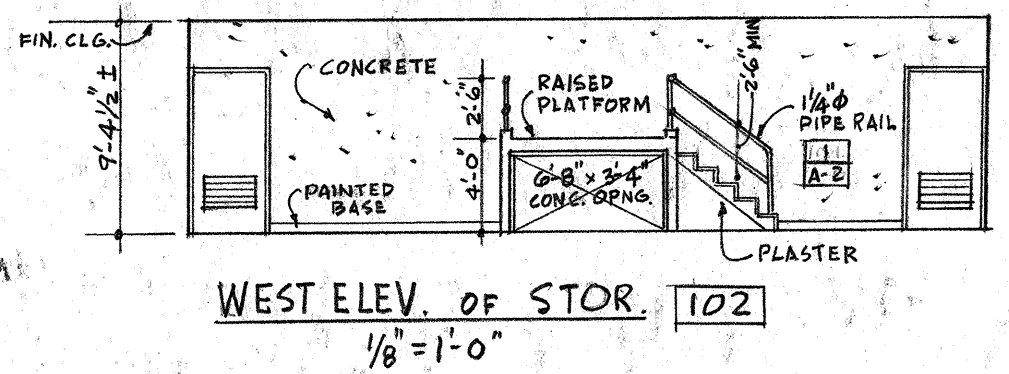
A1

OF



INTERIOR FINISH SCHEDULE

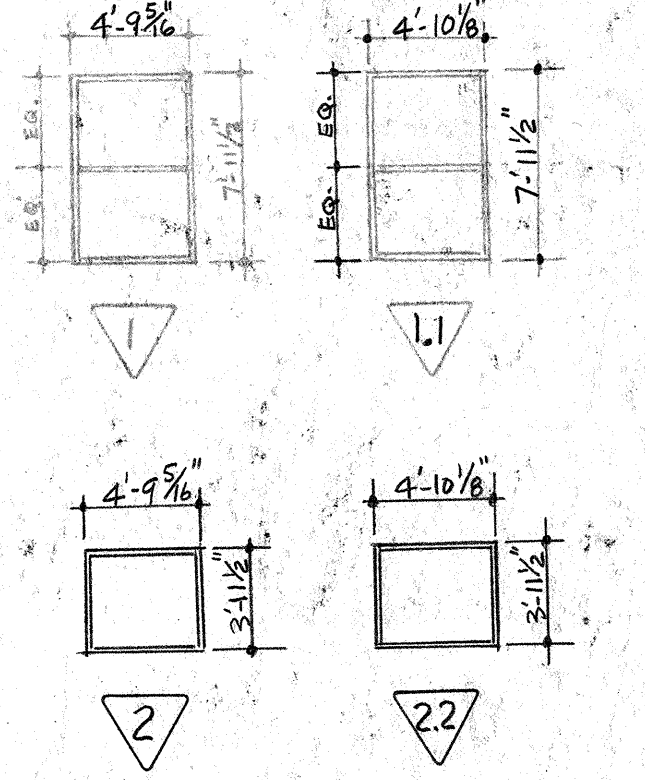
ROOM NO	FINISH	FLOOR	BASE	WALL	CEILING	DOOR	TRIM	REMARKS
GYMNASIUM 101	STAIN	ASPHALT TILE	CONCRETE	PAINT	PAINT	PAINT	PAINT	AT RAISED PLATFORM ONLY SEE DETAIL
STORAGE 102	WAX	CONCRETE	CONCRETE	PAINT	PAINT	PAINT	PAINT	
MECHANICAL 126	WAX	CONCRETE	CONCRETE	PAINT	PAINT	PAINT	PAINT	



DOOR SCHEDULE

DOOR WIDTH	DOOR TYPE
1 1/2" SOLID CORE	1 1/2" HOLLOW CORE
1 1/2" HOLLOW CORE	1 1/2" HOLLOW MTL.
<p>NOTE: ALL DOORS ARE 3'-0" HIGH UNLESS NOTED OTHERWISE. SEE DETAIL DWG. FOR DIMENSIONS TAKEN.</p>	
<p>F = 3'-0"</p> <p>H = 6'-0"</p> <p>J = 6'-7"</p>	<p>1-PH 7'-0"</p> <p>2-1700" 16 GAGE MTL. LATCHES WITH FUSIBLE LINKS</p> <p>U.L. LABEL APPROVED FRAME & HARDWARE</p>

WINDOW SCHEDULE

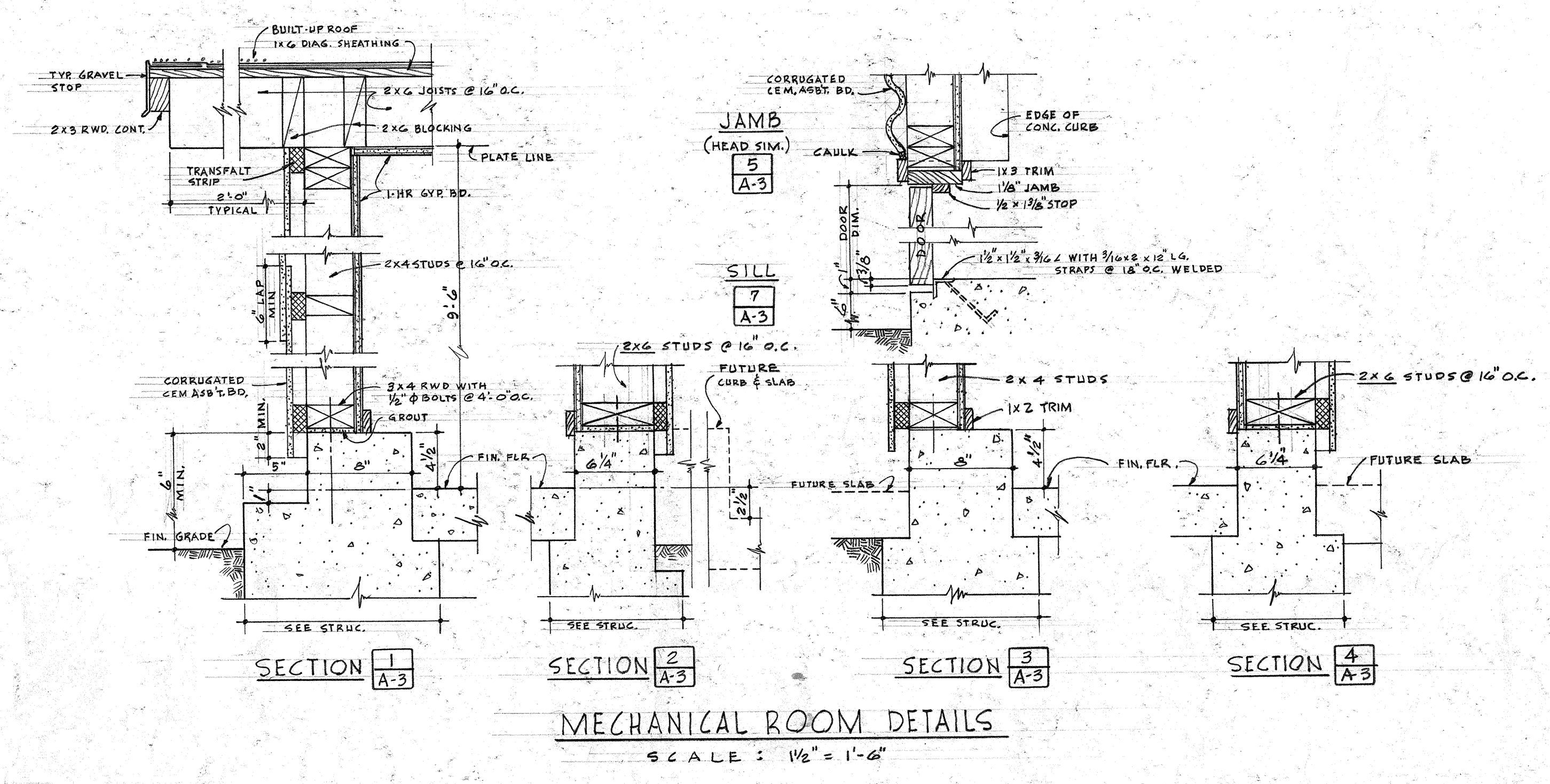
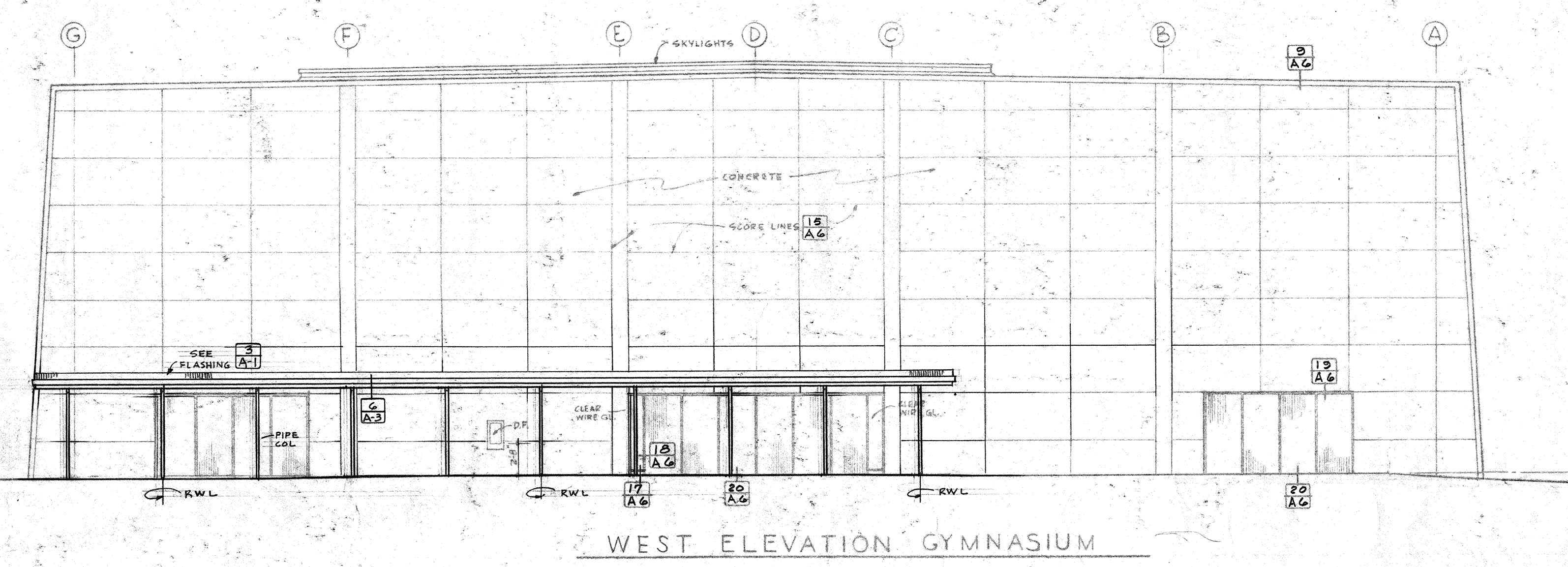
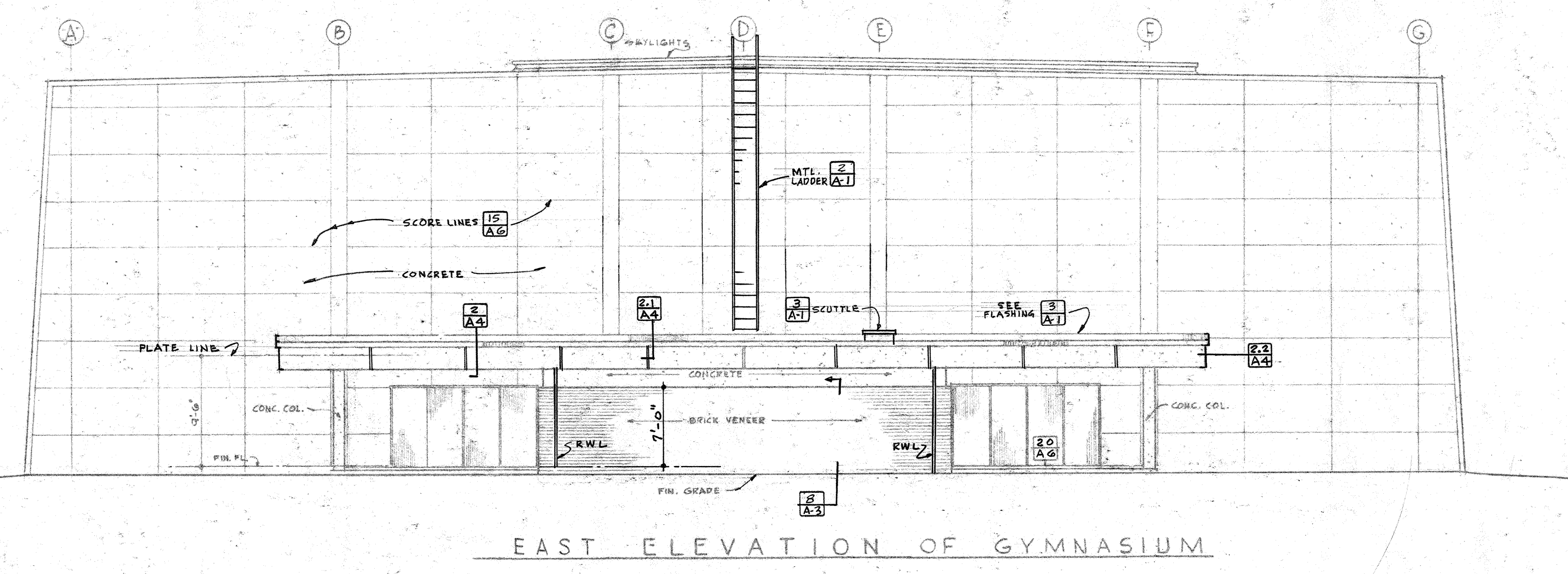
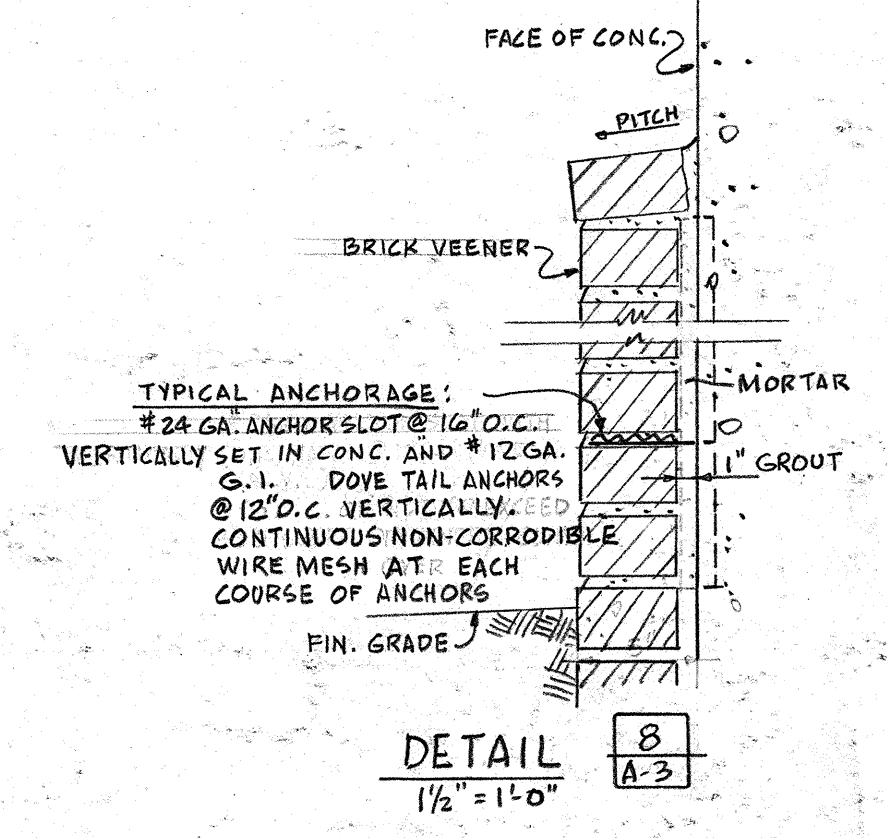
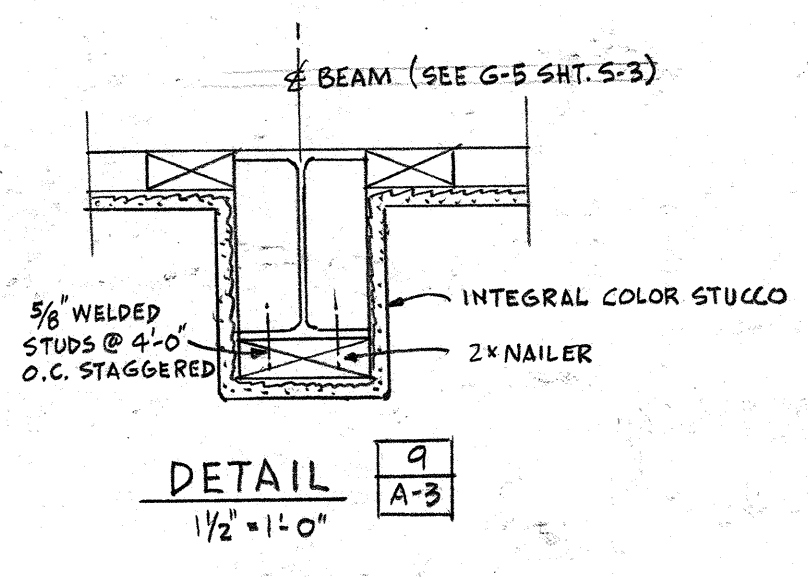
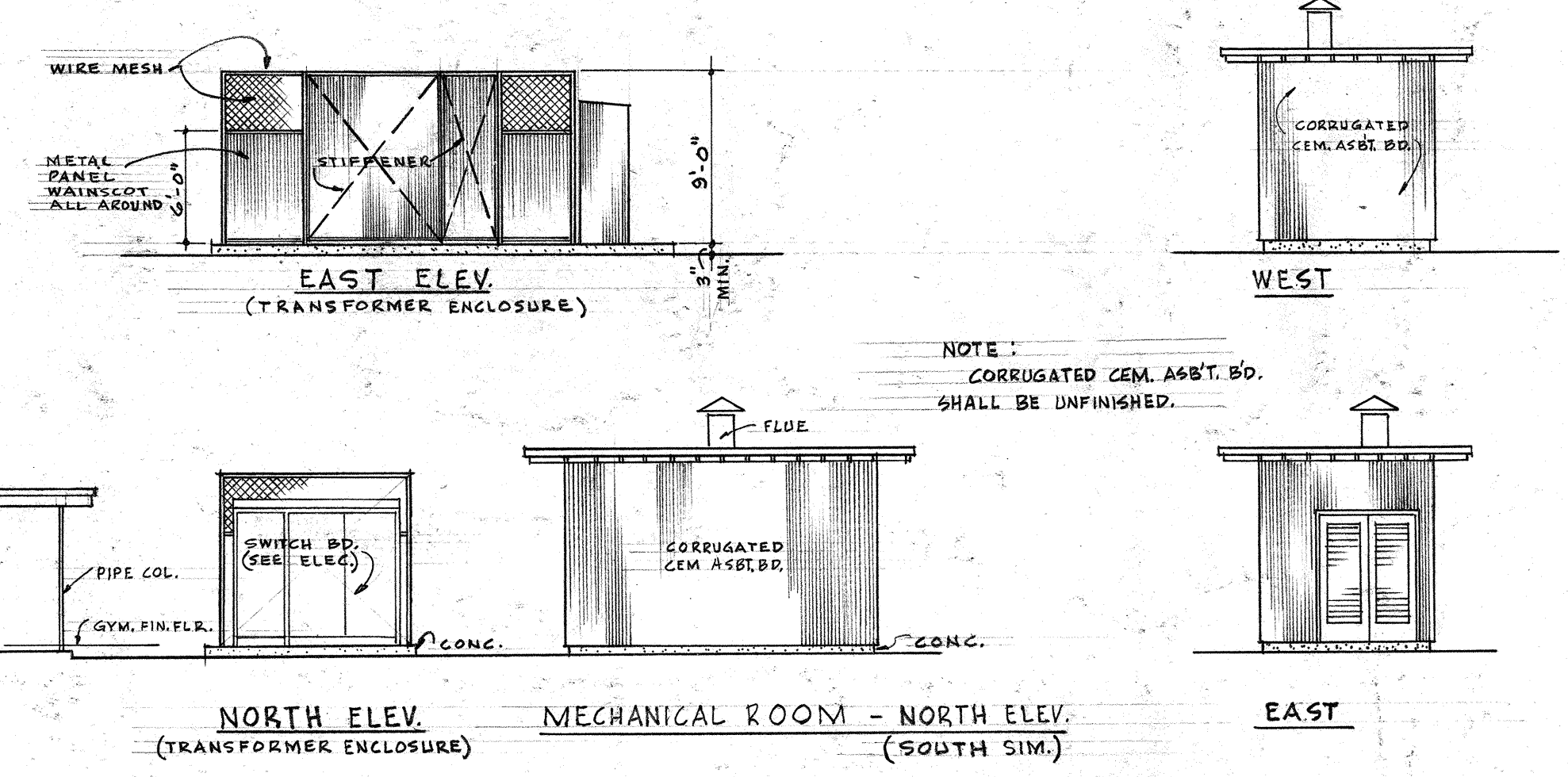
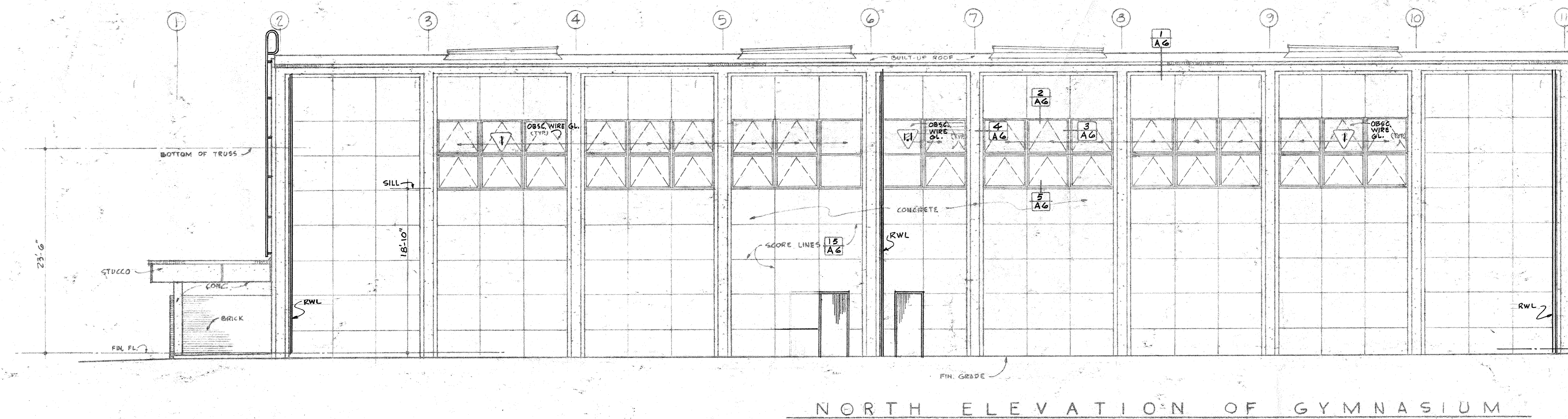
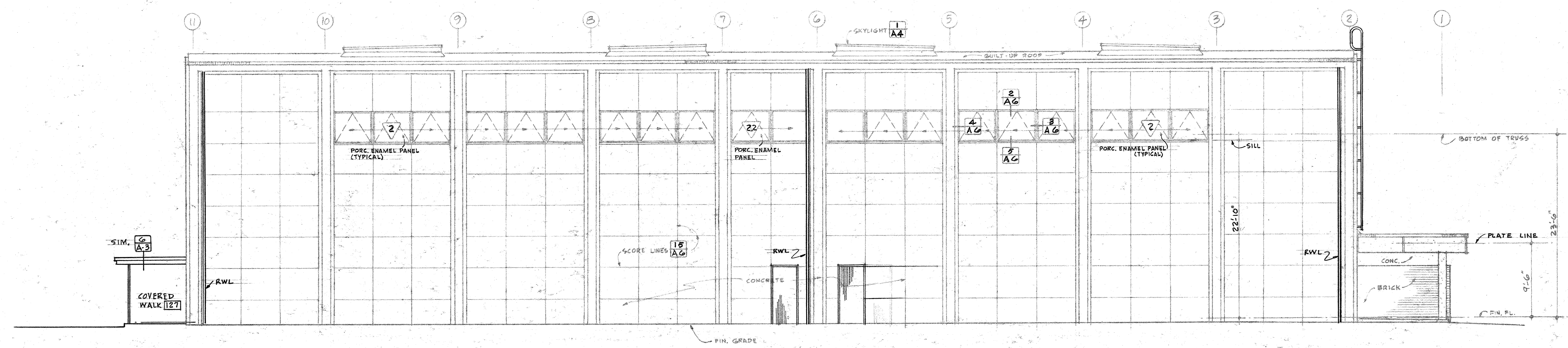
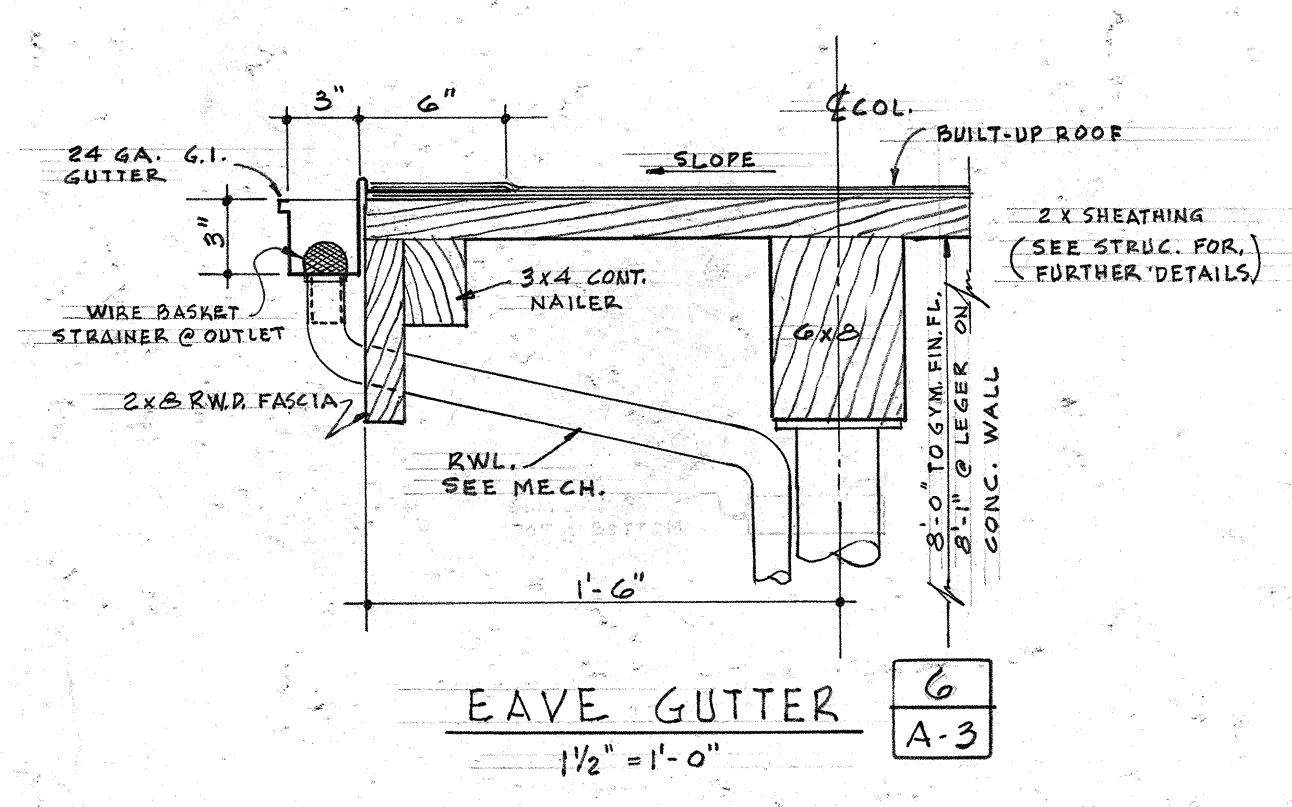


FLOOR PLAN

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

NOTE:

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON JOB BEFORE STARTING CONSTRUCTION AND SHALL BE RESPONSIBLE FOR ANY DISCREPANCY NOT REPORTED TO THE ARCHITECT.
- FOR THICKNESS OF CONCRETE WALL SEE STRUCTURAL DRAWINGS.



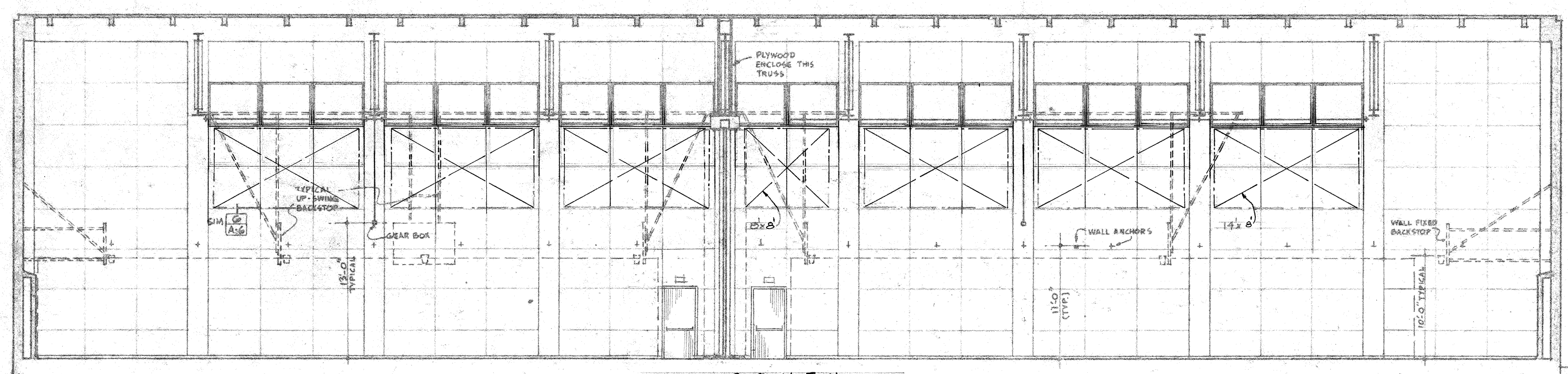
DONALD L. HARDISON ARCHITECT
 HARRY B. CLAUSEN - S. RICHARD KOMATEY - ASSOCIATE ARCHITECTS
 180 BROADWAY RICHMOND 2, CALIFORNIA BEACON 4-1414

P.E. GROUP - GYMNASIUM BUILDING
 CONTRA COSTA JUNIOR COLLEGE - EAST CAMPUS
 CONTRA COSTA JUNIOR COLLEGE DISTRICT
 GOLF LINKS ROAD, CONTRA COSTA COUNTY, CALIFORNIA
 NEAR PACHECO

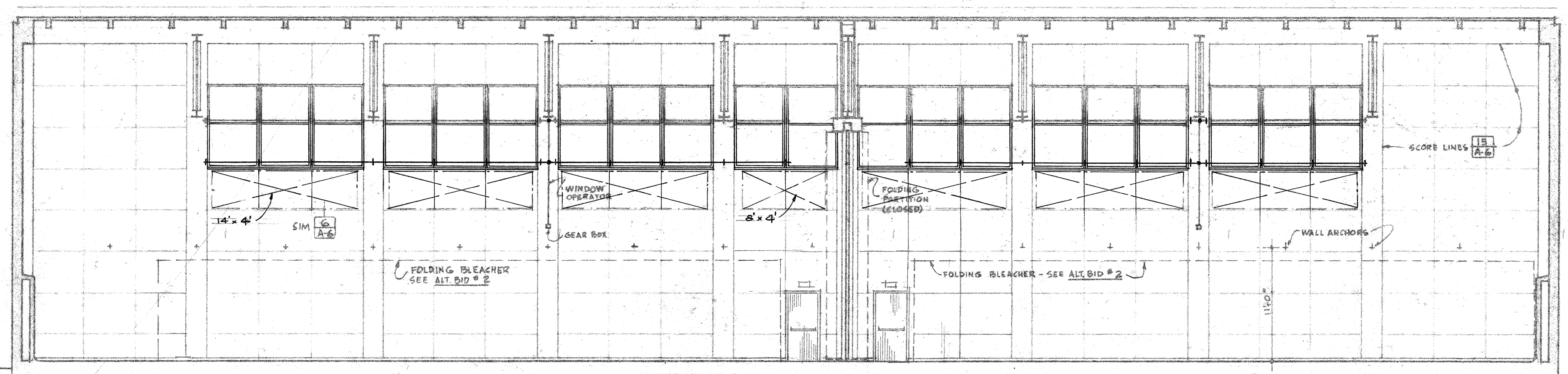
 APPROVED BY
 BOARD OF TRUSTEES
 REPORT NO. 429 MAY 28, 1956
 PRESIDENT: EDGAR W. DALE
 SECRETARY: ELTON BROMBACHER
 ARCHITECT: Donald L. Hardison
 COUNTY SUPERINTENDENT OF SCHOOLS
 APPROVED BY LETTER MAY 18, 1956

 DIVISION OF ARCHITECTURE
 14780
 APPROVED AUG 28 1956
 Per J. W. Kelly

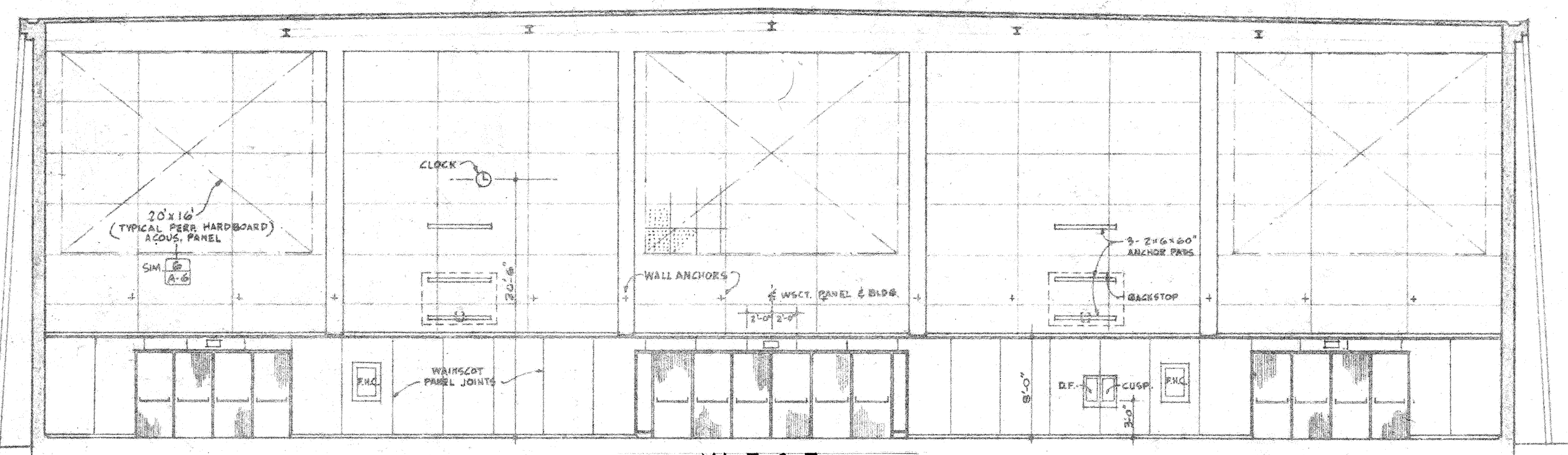
 EXTERIOR ELEVATION
 DETAILS
 DATE: MAY 21, 1956
 JOB NO: 55102
 SHEET
 A3
 OF 5



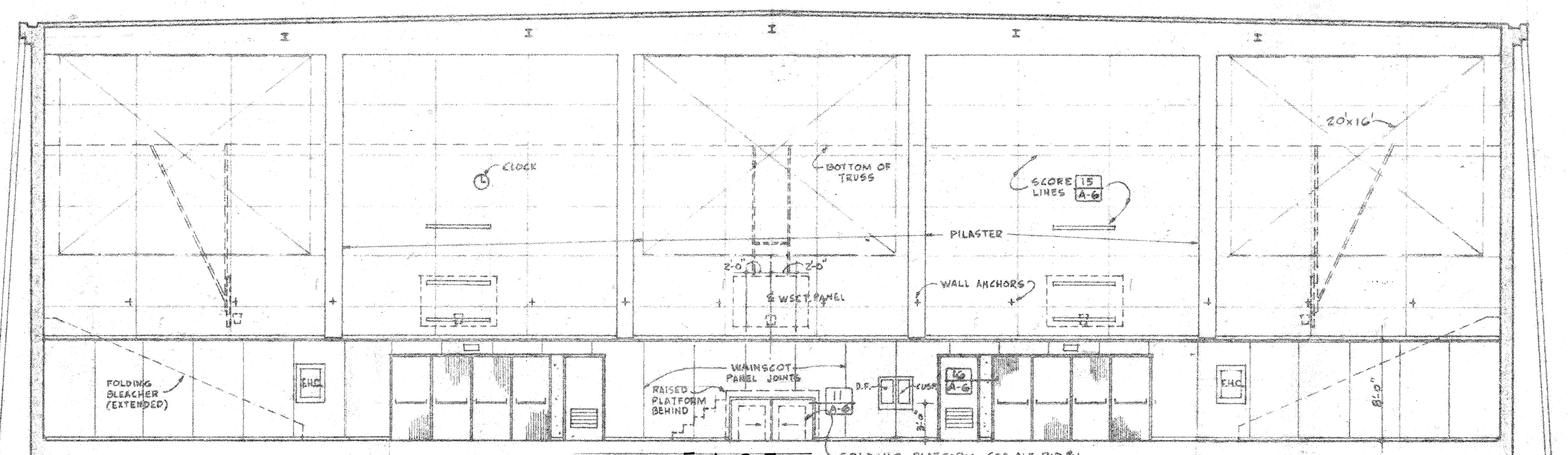
SOUTH



NORTH

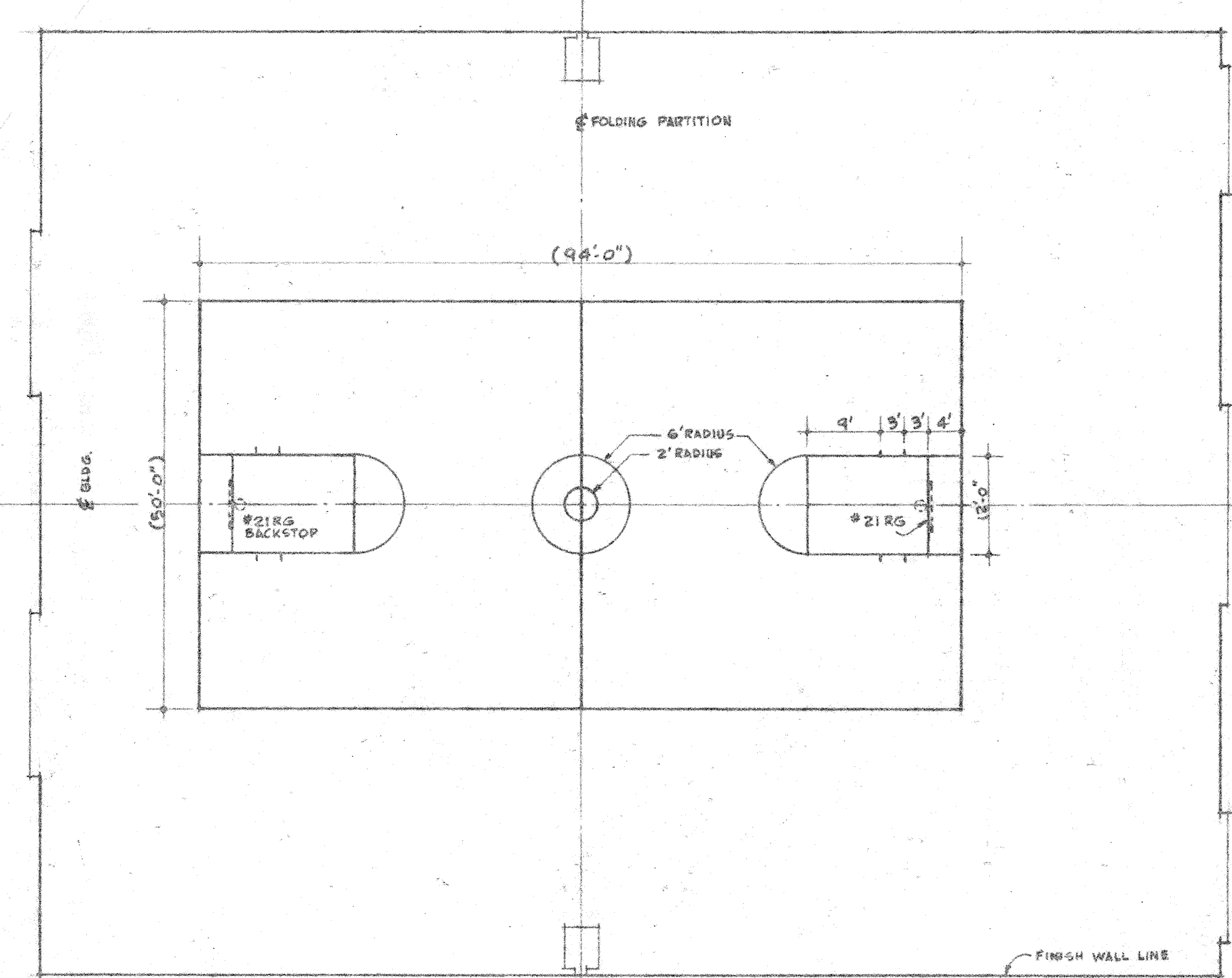


WEST

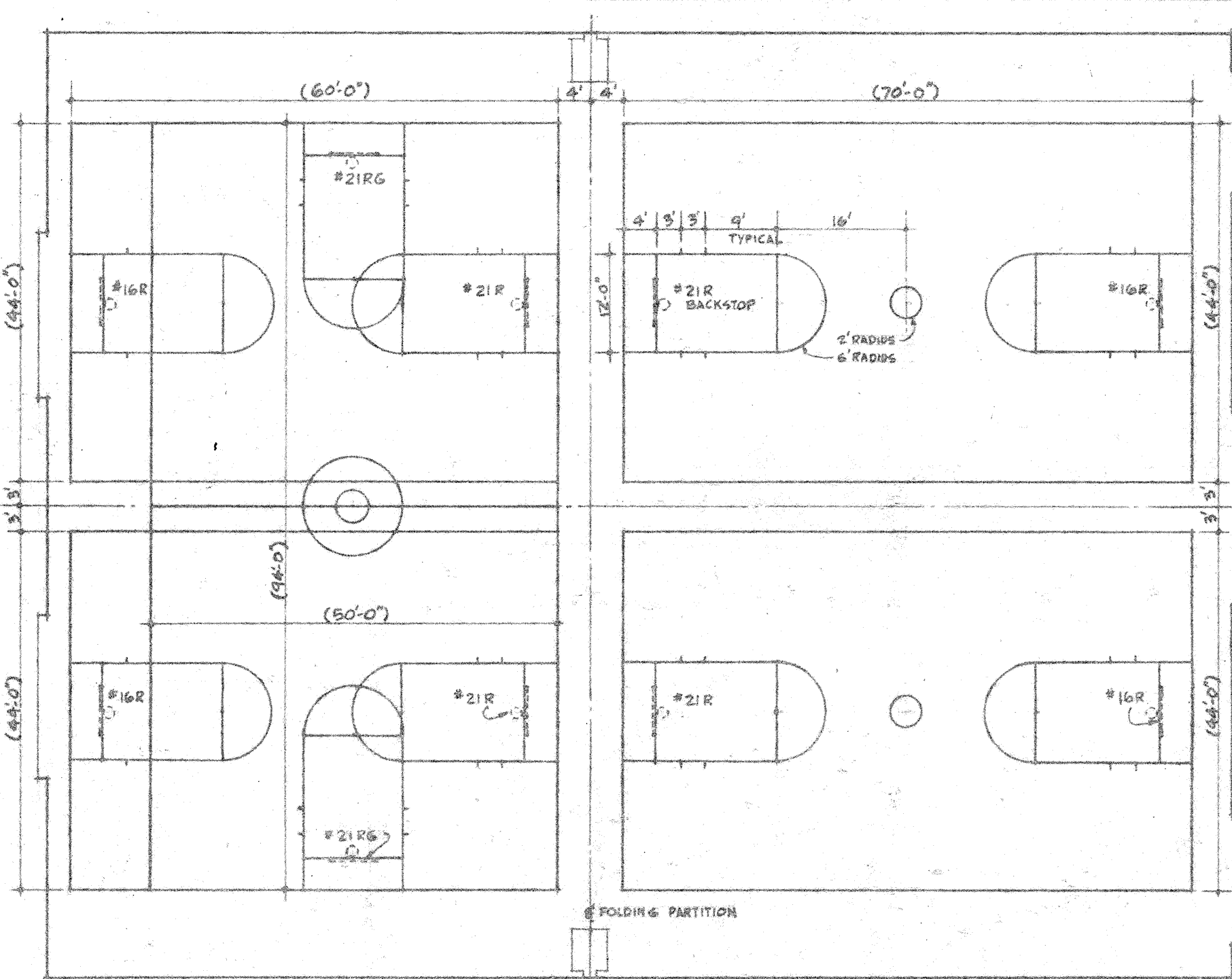


EAST

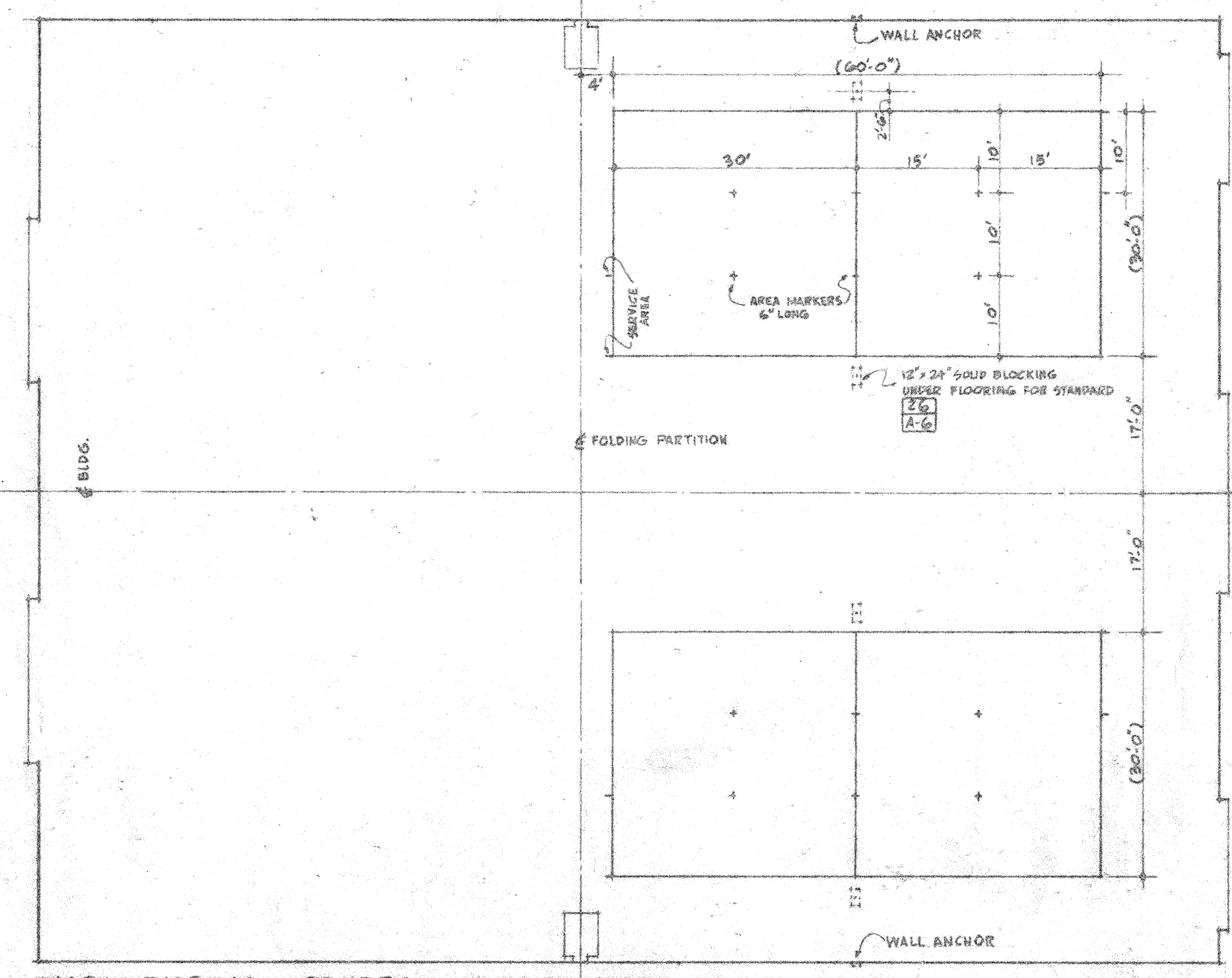
INTERIOR ELEVATIONS OF GYMNASIUM SCALE: 1/8" = 1'-0"



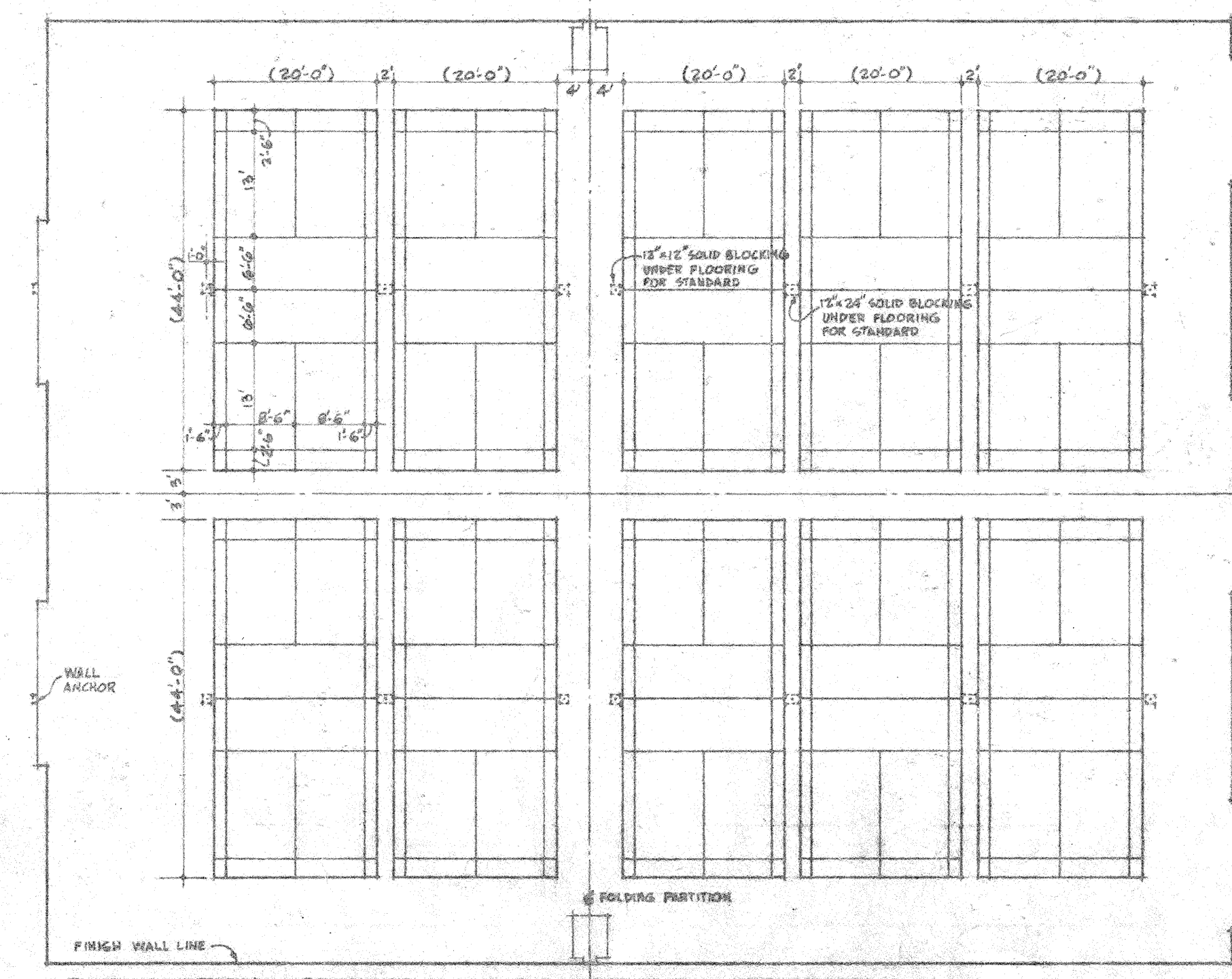
MAIN BASKETBALL COURT ALL MARKERS - 2" WIDE, BLACK COLOR



SECONDARY BASKETBALL COURTS ALL MARKERS - 2" WIDE, WHITE COLOR

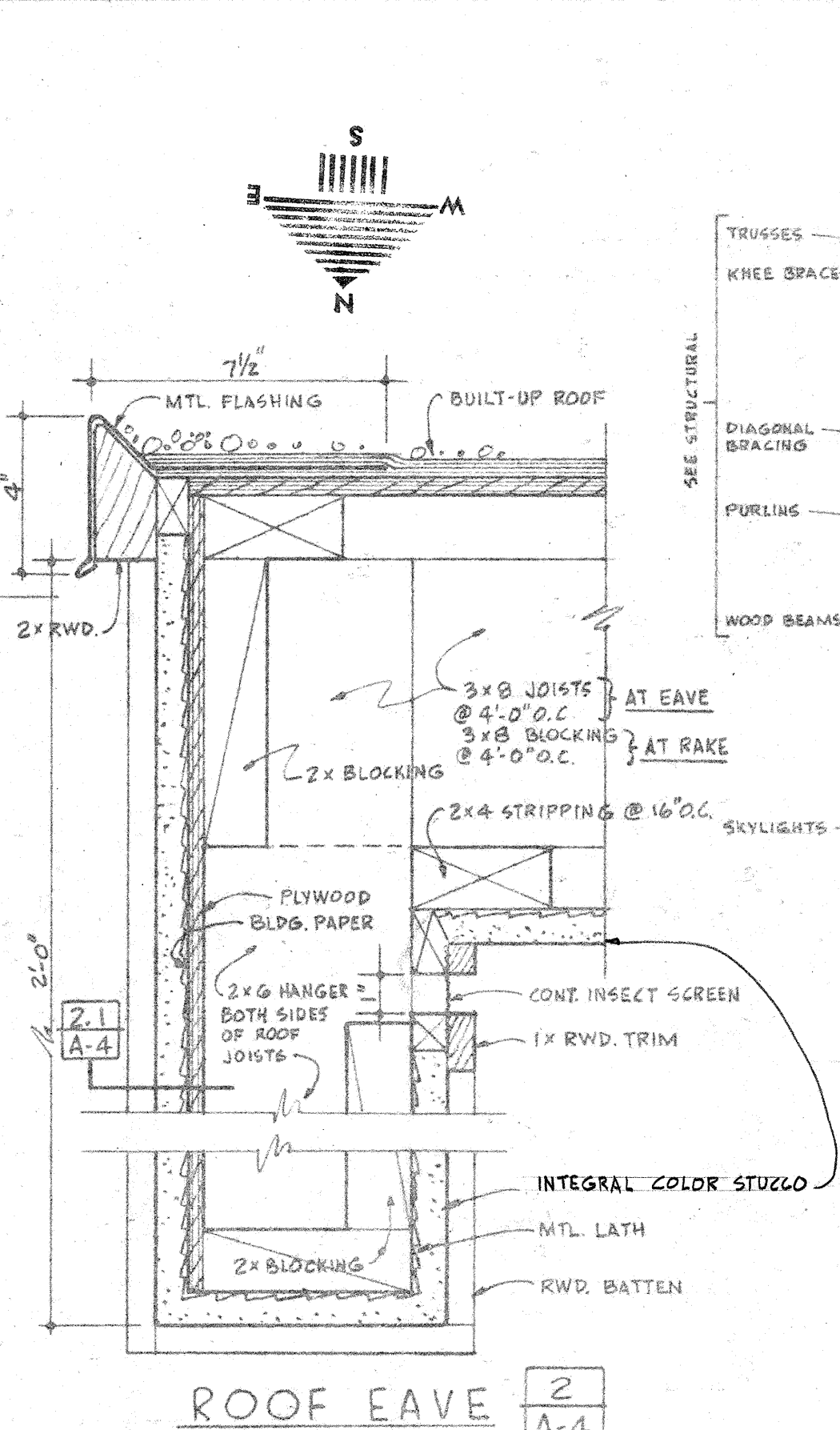


VOLLEYBALL COURTS ALL MARKERS - 1" WIDE, WHITE COLOR

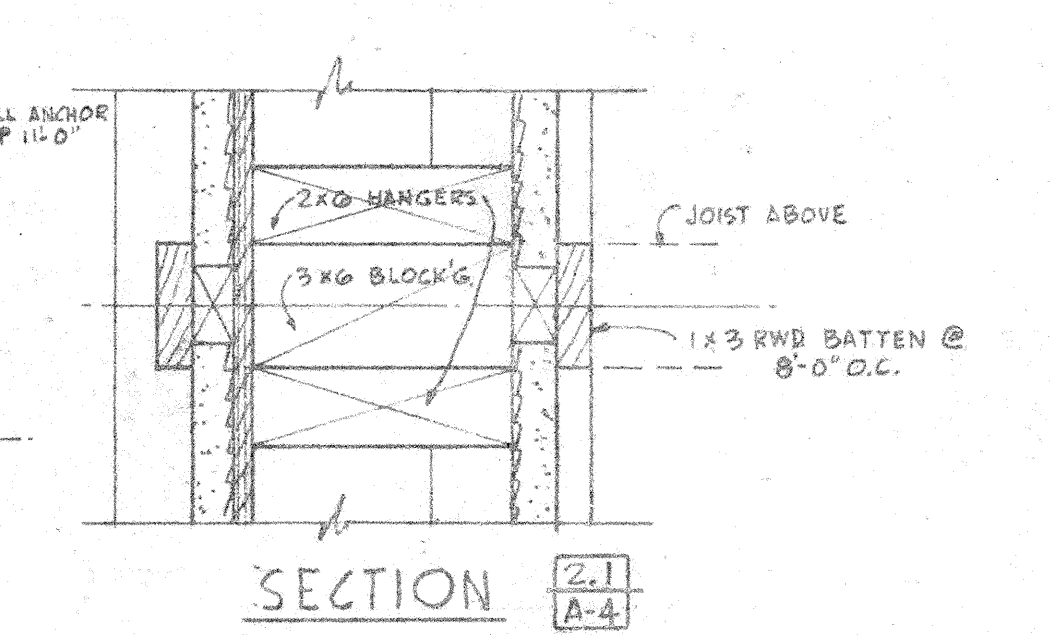


BADMINTON COURTS ALL MARKERS - 1" WIDE, WHITE COLOR

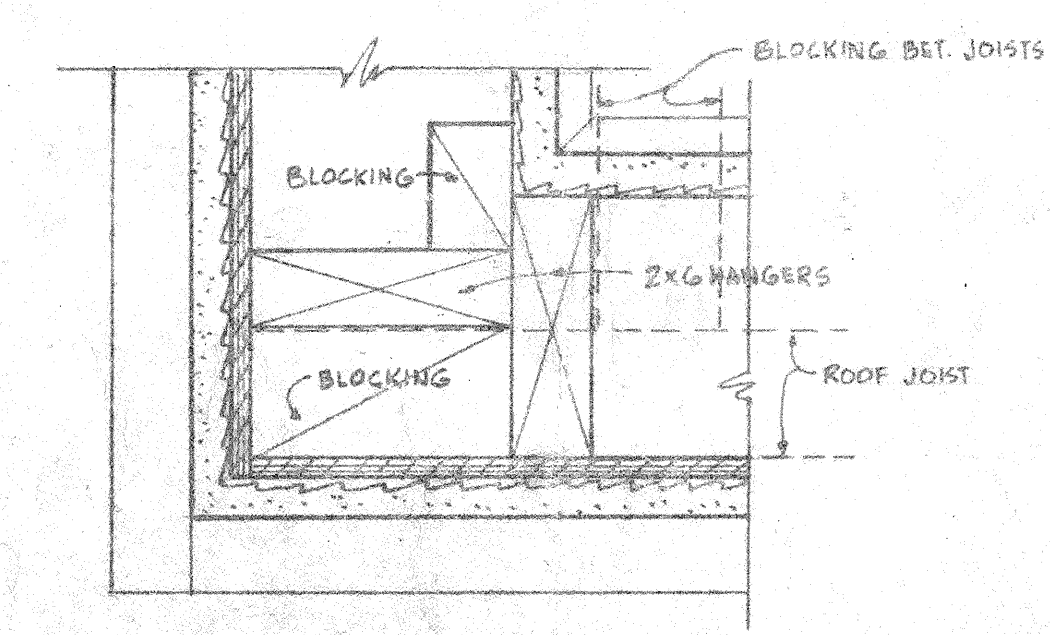
GYMNASIUM FLOOR MARKING LAYOUTS SCALE: 1/8" = 1'-0"



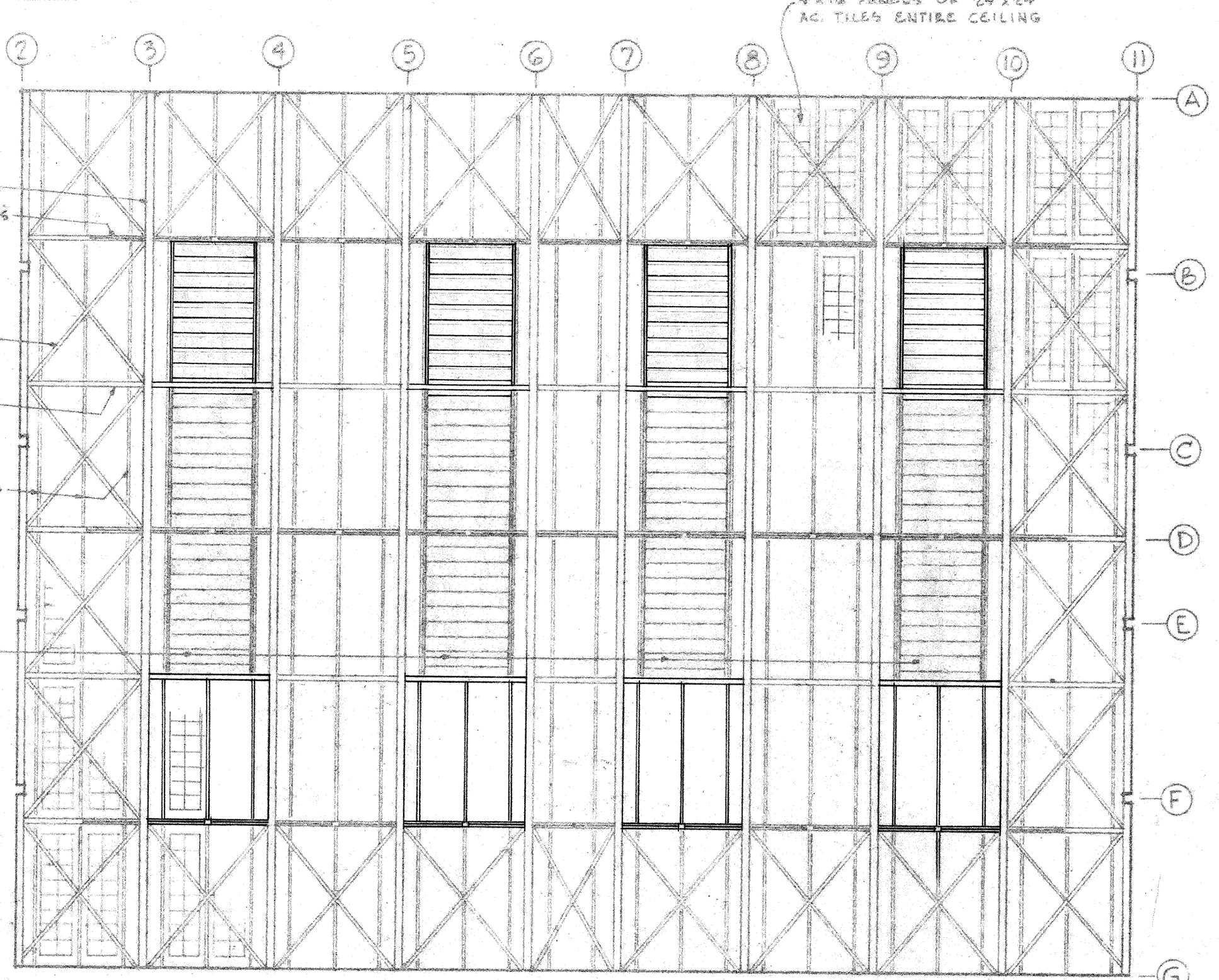
ROOF EAVE [2] A-4



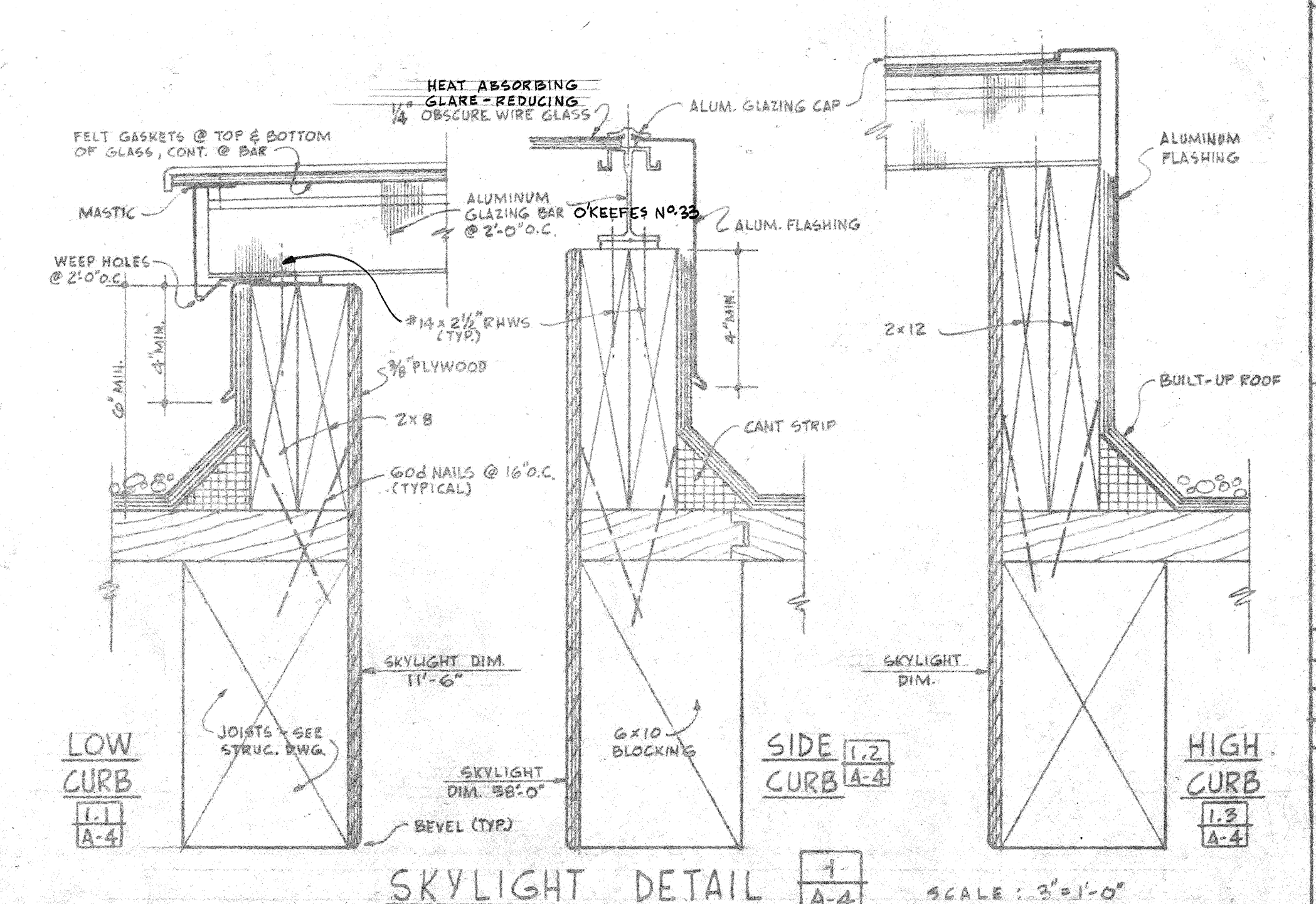
SECTION [2] A-4



CORNER [2] A-4



GYMNASIUM REFLECTED CEILING PLAN SCALE: 1/8" = 1'-0"



SKYLIGHT DETAIL [1] A-4

SCALE: 3/8" = 1'-0"

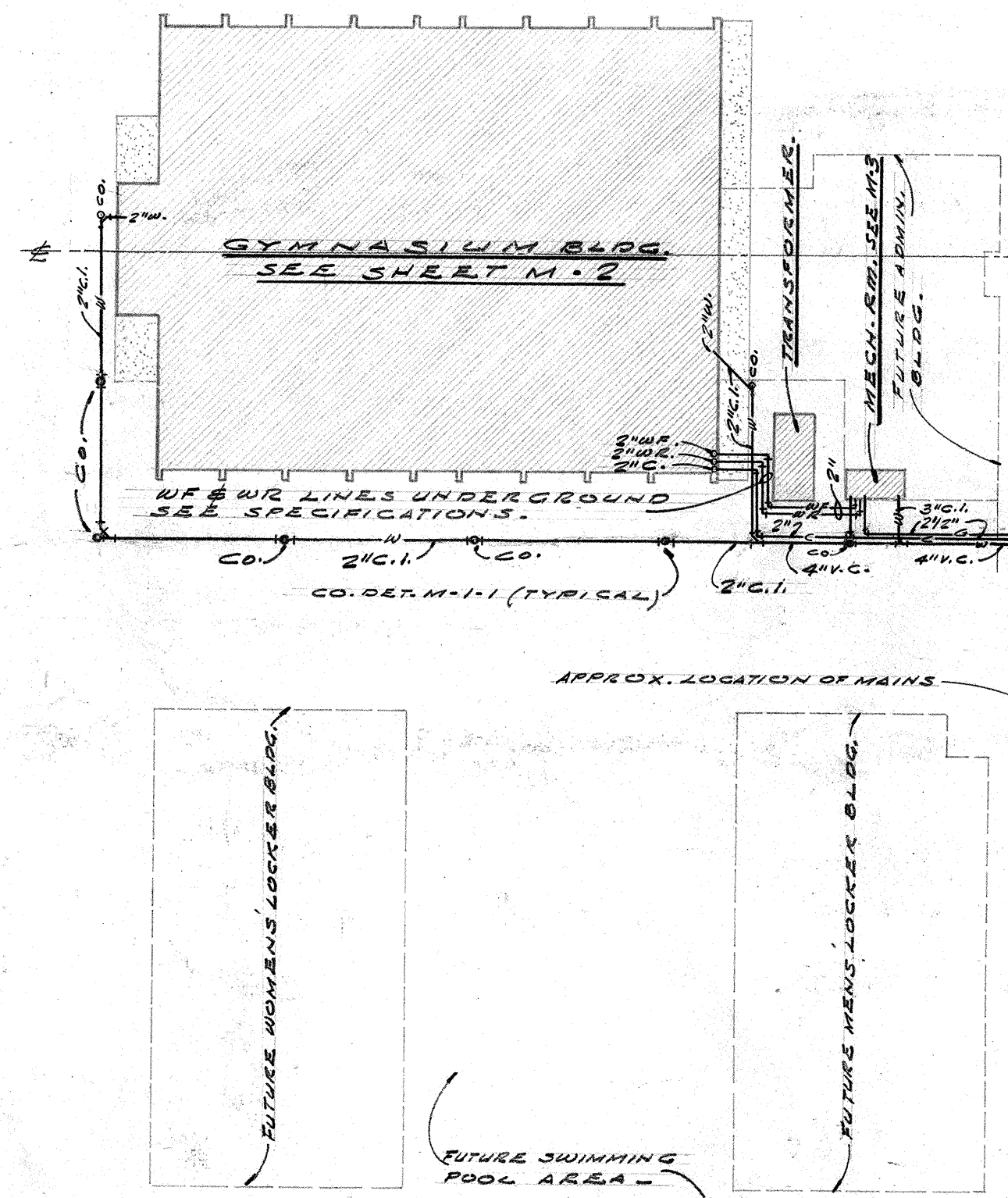
ARCHITECT
DONALD L. HARDISON
ASSOCIATE ARCHITECTS
HARRY B. CLAUSEN
160 BROADWAY
RICHMOND 2, CALIFORNIA
BEACON 4-1414

P.E. GROUP - GYMNASIUM BUILDING
CONTRA COSTA JUNIOR COLLEGE - EAST CAMPUS
CONTRA COSTA JUNIOR COLLEGE DISTRICT
GOLF LINKS ROAD, CONTRA COSTA COUNTY, CALIFORNIA
NEAR PACHECO

APPROVED BY
BOARD OF TRUSTEES
REPORT NO. 424 MAY 28, 1956.
PRESIDENT: EDGAR W. DALE
SECRETARY: ELTON BROMBACHER
ARCHITECT: Donald L. Hardison
COUNTY SUPERVISOR OF STAPLES
APPROVED BY LETTER, MAY 18, 1956.

STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
14780 APPROVED AUG 28, 1956
Per M. W. Salter

GYMNASIUM INTERIOR ELEVATIONS
REFLECTED CEILING PLAN
DATE: MAY 21, 1956.
JOB NO: 55102
SHEET
A-4
OF 5
NOTE: SHEET A-5 DELETED



CAUTION
BOX COVER OF GAS VALVE SHALL BE CONSPICUOUSLY MARKED "GAS VALVE" AND MADE SO THAT TURNS OF WATER AND GAS VALVE BOX ARE NOT INTERCHANGABLES.

GAS & WATER SHUTOFF VALVE IN VALVE BOX.

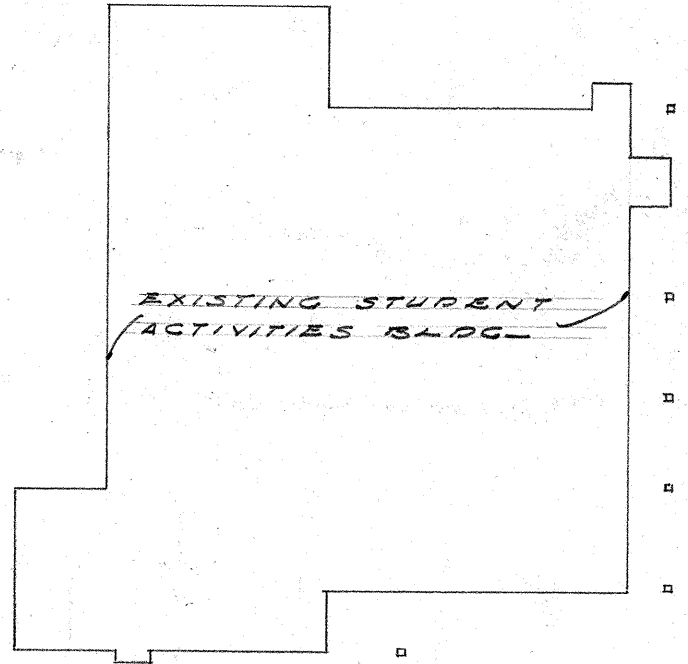
FUTURE P.E. ACTIVITIES BLDG.

NOTE: UTILITY CONNECTIONS TO MAINS BY OTHERS

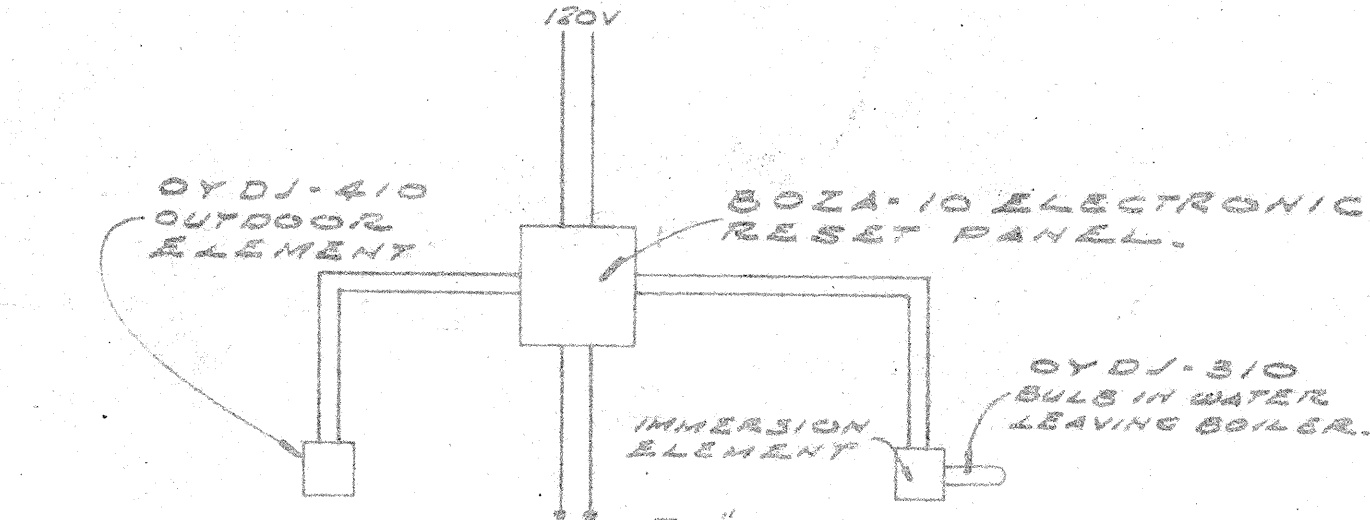
PLOT PLAN SCALE: 1" = 40' - 0"



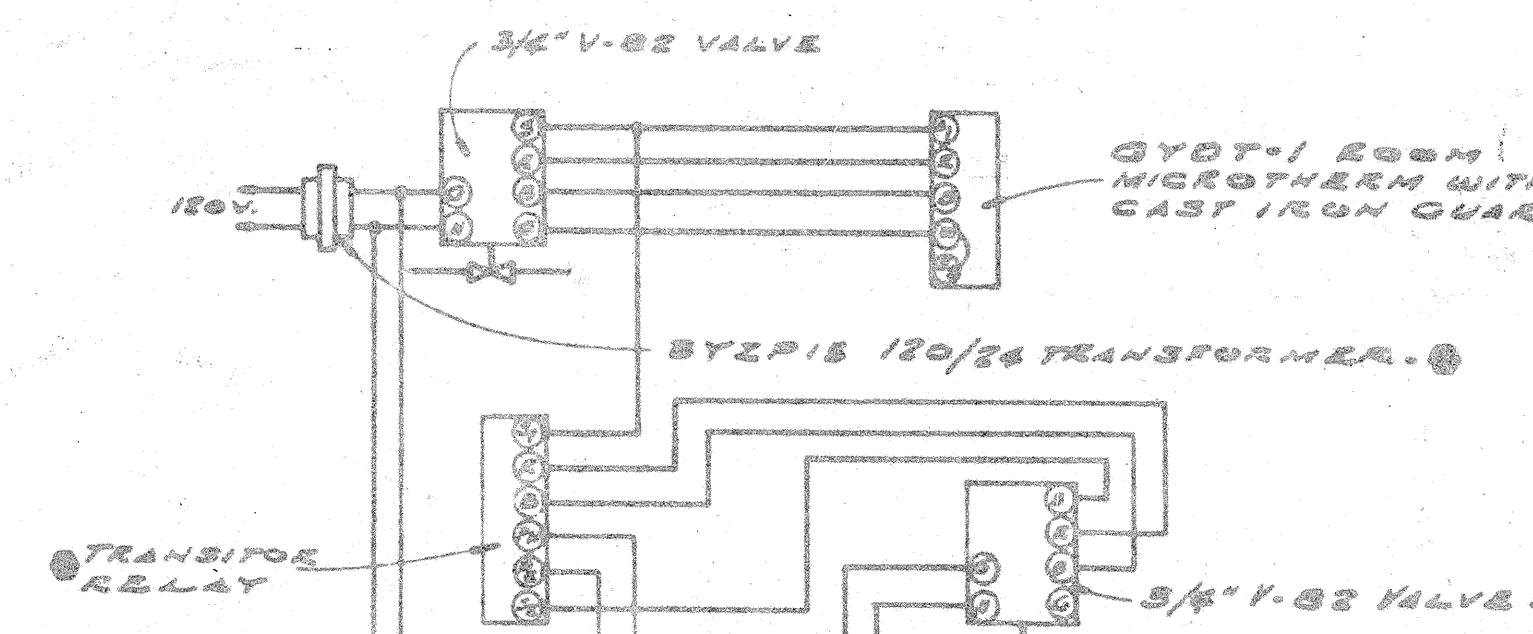
SITE PLAN - SCALE: 1" = 200' - 0"



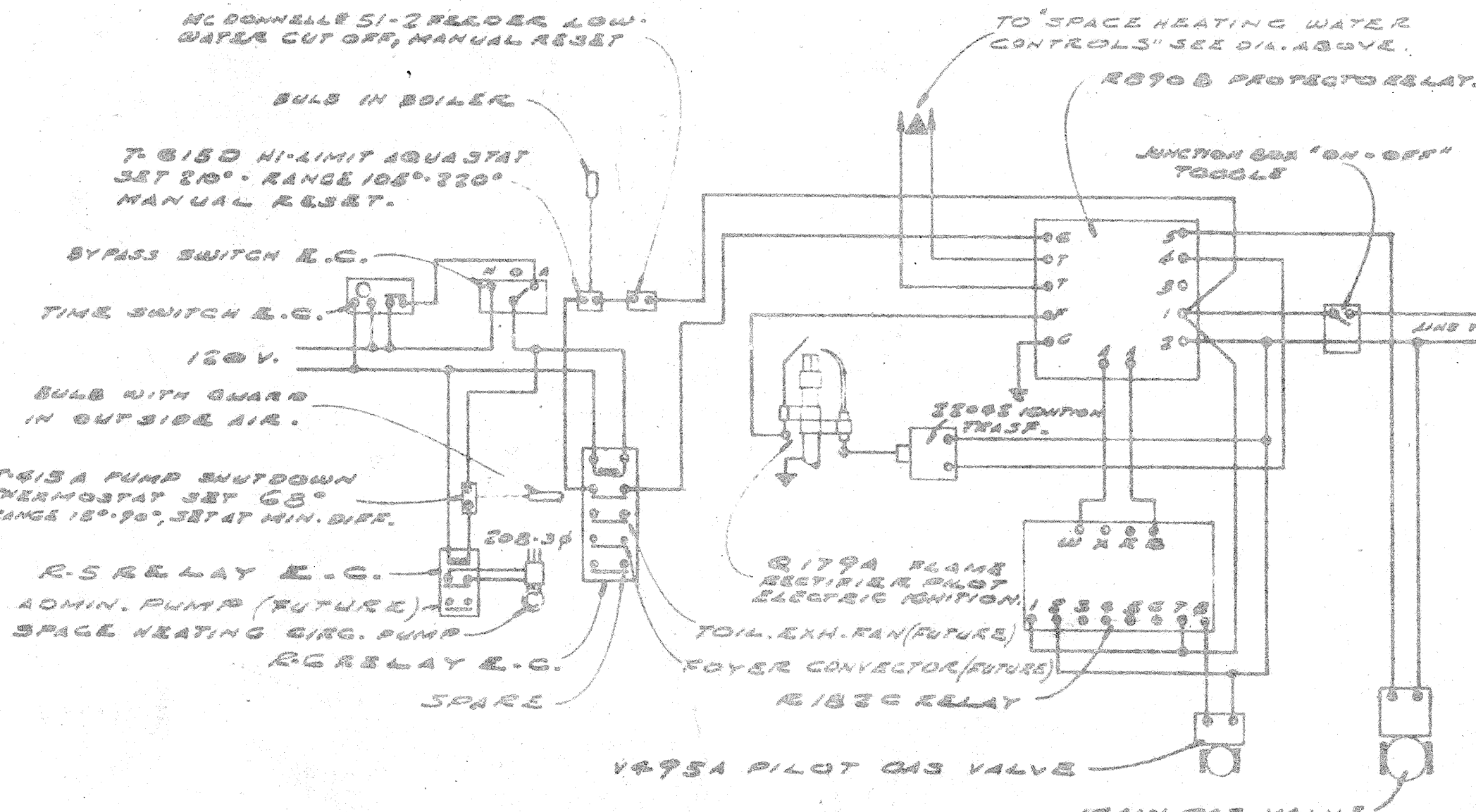
NORTH-SOUTH BASE LINE



NOTE: CAT. NOS. ARE BARBER COLMAN CO. NUMBERS.
SPACE HEATING WATER CONTROLS
NO SCALE



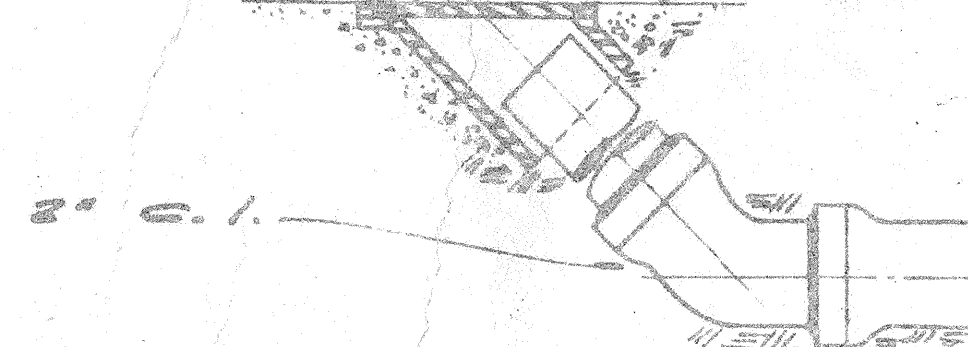
NOTE: CAT. NOS. ARE BARBER COLMAN CO. NUMBERS.
GYMNASIUM UH-1 CONTROLS
NO SCALE



NOTE: CAT. NOS. ARE MINNEAPOLIS HONEYWELL CO. UNLESS NOTED OTHERWISE.
BOILER CONTROL DIAGRAM
NO SCALE

CONTROL LEGEND

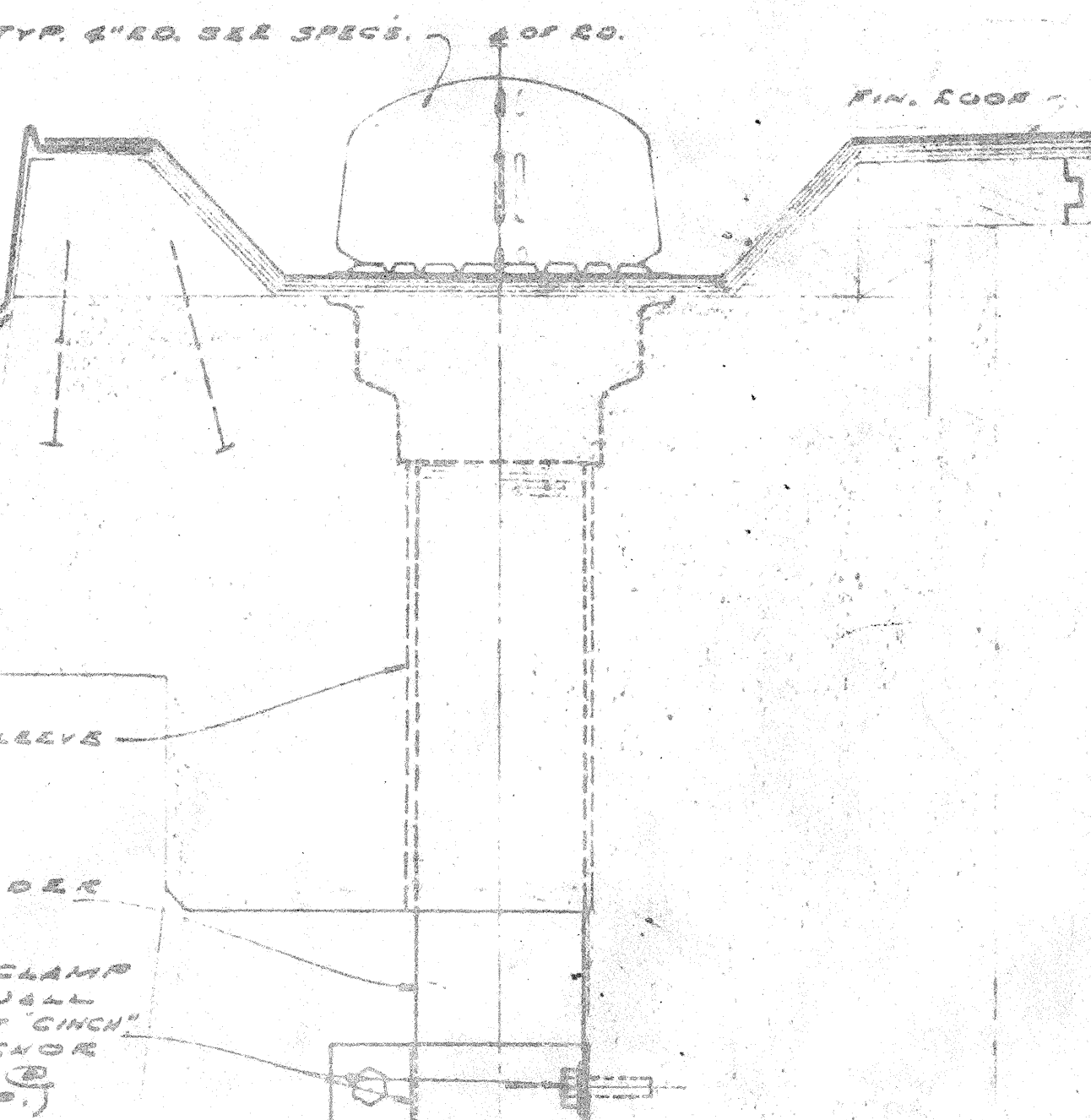
• EQUIPMENT FURNISHED BY HEAT & VENT. CONTRACTOR BE INSTALLED BY ELECT. CONTR.
EC EQUIPMENT FURNISHED AND INSTALLED BY ELECT. CONTRACTOR.
MAX. FOUNDRY CO. SHEET 261 OR EQUAL.
C.I. RISER FRAME & COVER SET FRAME IN CONC. AND FASTEN COVER TO FRAME WITH 1-1/2" P.N. COUNTERSINK BRASS SCREW. FIN. GR. OR PAVING.



CLEANOUT DET. M-1-1
NO SCALE

SYMBOLS & ABBREVIATIONS

- C — COLD WATER.
- E — GAS.
- H — HOT WATER (DOMESTIC).
- L — RAIN WATER.
- S — SEWER VENT.
- W — WASTE OR SOIL.
- WF — HEATING WATER FLOW.
- WR — HEATING WATER RETURN.
- BV — BALANCING VALVE OR BOSS.
- CV — GATE VALVE.
- GV — GLOBE VALVE.
- TV — THERMOSTATICALLY CONTROLLED VALVE.
- DT — DRAIN TRAP.
- OV — CHECK VALVE.
- V — VALVE HANDBLER.
- EJ — EXPANSION JOINT.
- U — UNION.
- A — ANCHOR.
- S — STRAINER.
- D — DIRECTION OF DOWNWARD SLOPE OF PIPE.
- F — DIRECTION OF FLOW.
- EA — EXHAUST OR RETURN AIR GRILLE.
- SA — SUPPLY AIR OUTLET.
- HRC — HOSE RACK CABINET WITH 7 FEET OF HOSE.
- R — ROOM NUMBER.
- T — THERMOSTAT.
- C — CONVECTOR.
- AD — ACCESS DOOR.
- AP — AIR CHAMBER IN WATER PIPING.
- BV — BALANCING VALVE.
- CB — CATCH BASIN.
- CFM — CUBIC FEET PER MINUTE.
- CI — CAST IRON.
- CO — CLEANOUT.
- CONC — CONCRETE.
- DET — DETAIL.
- DF — DRINKING FOUNTAIN.
- ELEV — ELEVATION.
- FCO — FLOOR CLEANOUT.
- FD — FLOOR DRAIN.
- FE — FIRE EXTINGUISHER.
- FL — FLOOR.
- FLEX. CONN. — FLEXIBLE CONNECTION.
- FUT — FUTURE.
- GA — GAGE (SHEET METAL).
- GS — GALVANIZED STEEL.
- HS — HOSE SIZES.
- HE — FIRE HOSE AND RACK.
- INVEL — INVERT ELEVATION.
- LV — LAVATORY.
- MH — MANHOLE.
- MIN — MINIMUM.
- RF — PLUGGED FITTING.
- PG — PRESSURE GAGE.
- RD — ROOF DRAIN.
- RM — ROOM.
- REQD — REQUIRED.
- RV — RELIEF VALVE.
- SH — SHOWER.
- SS — SERVICE SINK.
- STL — STEEL.
- TH — THERMOMETER.
- UH — UNIT HEATER.
- UR — URINAL.
- V — SEWER VENT.
- VC — VENTRIED GLAZ.
- VTR — VENT THRU ROOF.
- W — WASTE OR SOIL.
- WC — WATER CLOSET.
- WF — HEATING WATER FLOW.
- WR — HEATING WATER RETURN.



NOTE: TERMINATE 4" O.D. LEADER FROM SPRAIN BLOCK WITH 6" O.D. 45° ELBOW, TYPICAL.
TYP. ROOF DRAIN & LEADER AT GYMNASIUM DET. M-2
SCALE: 3/4" = 1'-0"

DONALD L. HARDISON ARCHITECT
HARRY B. CLAUSEN - S. RICHARD KOMATSU ASSOCIATE ARCHITECTS
160 BROADWAY - RICHMOND 2, CALIFORNIA BEACON 4-1414
ELECTRICAL & MECHANICAL ENGINEER
807 HOWARD ST. SAN FRANCISCO, CALIF.

P.E. GROUP GYMNASIUM & MECH. ROOM
CONTRA COSTA JUNIOR COLLEGE - EAST CAMPUS
CONTRA COSTA JUNIOR COLLEGE DISTRICT
GOLF LINKS ROAD - CONTRA COSTA COUNTY, CALIFORNIA
NEAR PACIFIC CO.

APPROVED BY
BOARD OF TRUSTEES
REPORT NO. 429 DATED MAY 28, 1956
PRESIDENT: EDGAR W. DALE
SECRETARY: ELTON BROMBACH
ARCHITECT: Donald L. Hardison
COUNTY SUPERINTENDENT OF SCHOOLS
APPROVED BY LETTER MAY 18, 1956

STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
14780 AUG 28 1956
M. W. Galt

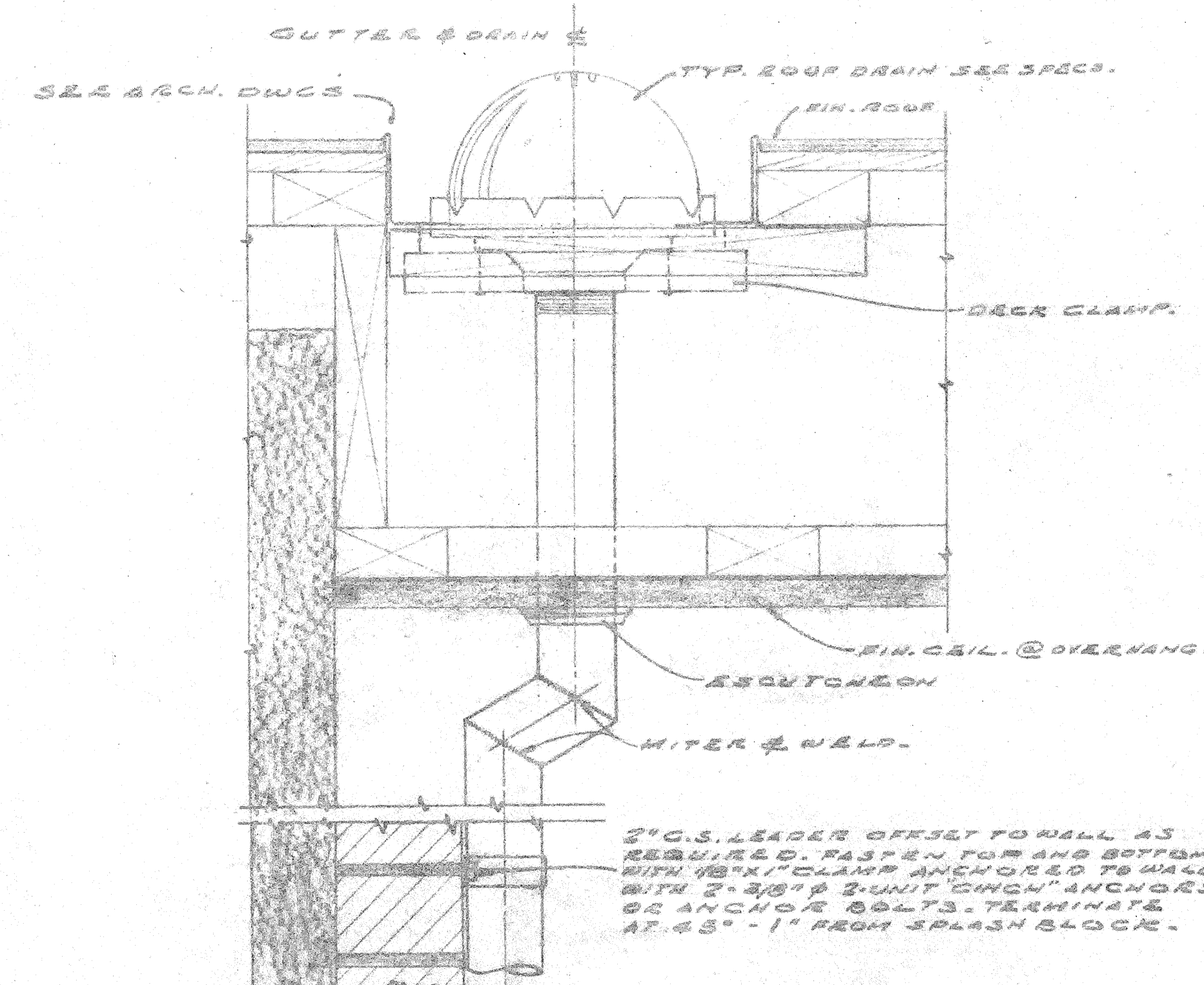
GYMNASIUM BUILDING
PLOT PLAN
SYMBOLS
AND CONTROLS

DATE: MAY 21, 1956
JOB NO. 55102

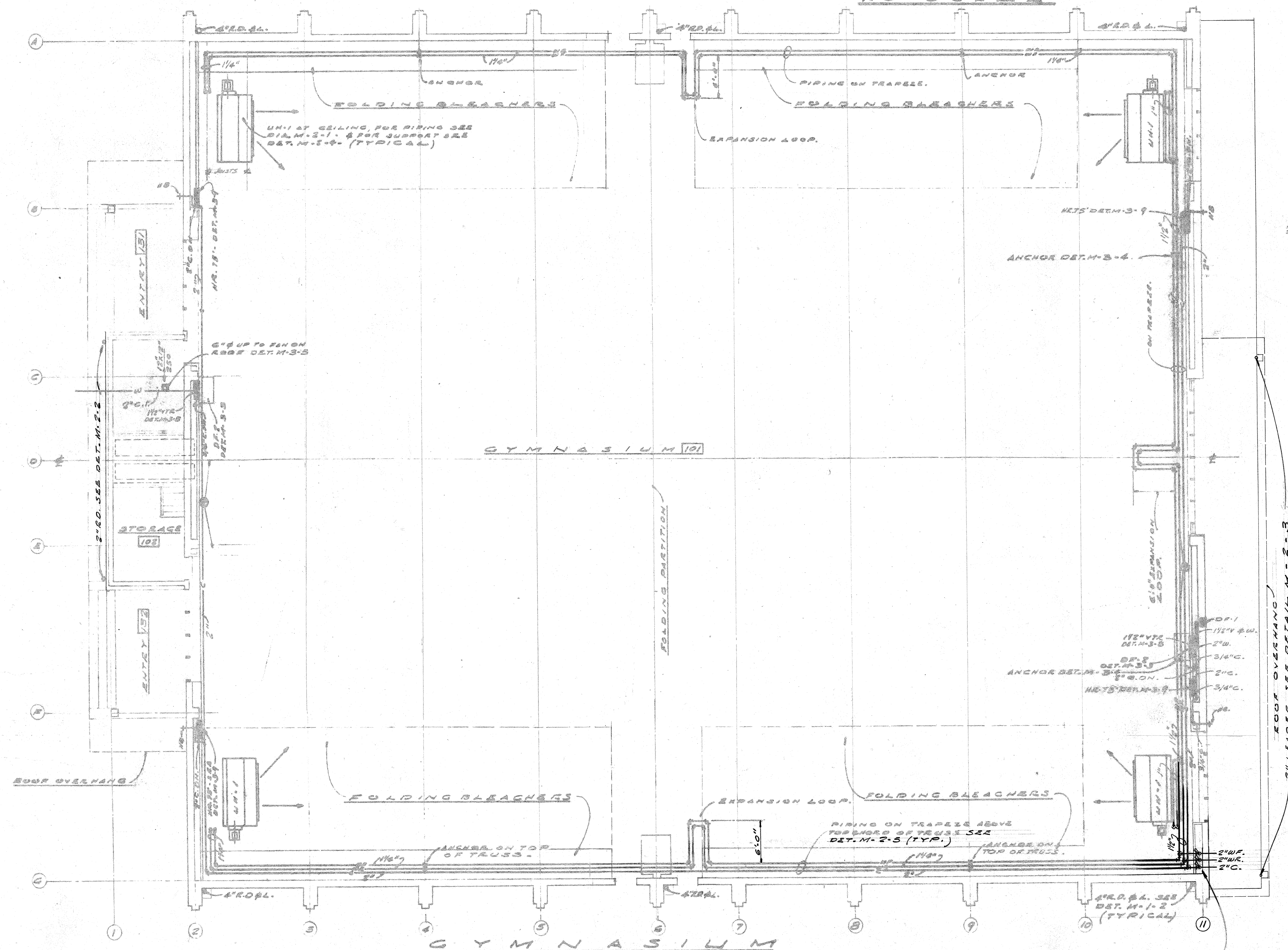
SHEET

M-1
OF 3

U.H-1 (UNIT HEATER) COIL PIPING DIAGRAM M-2-1.
NO SCALE

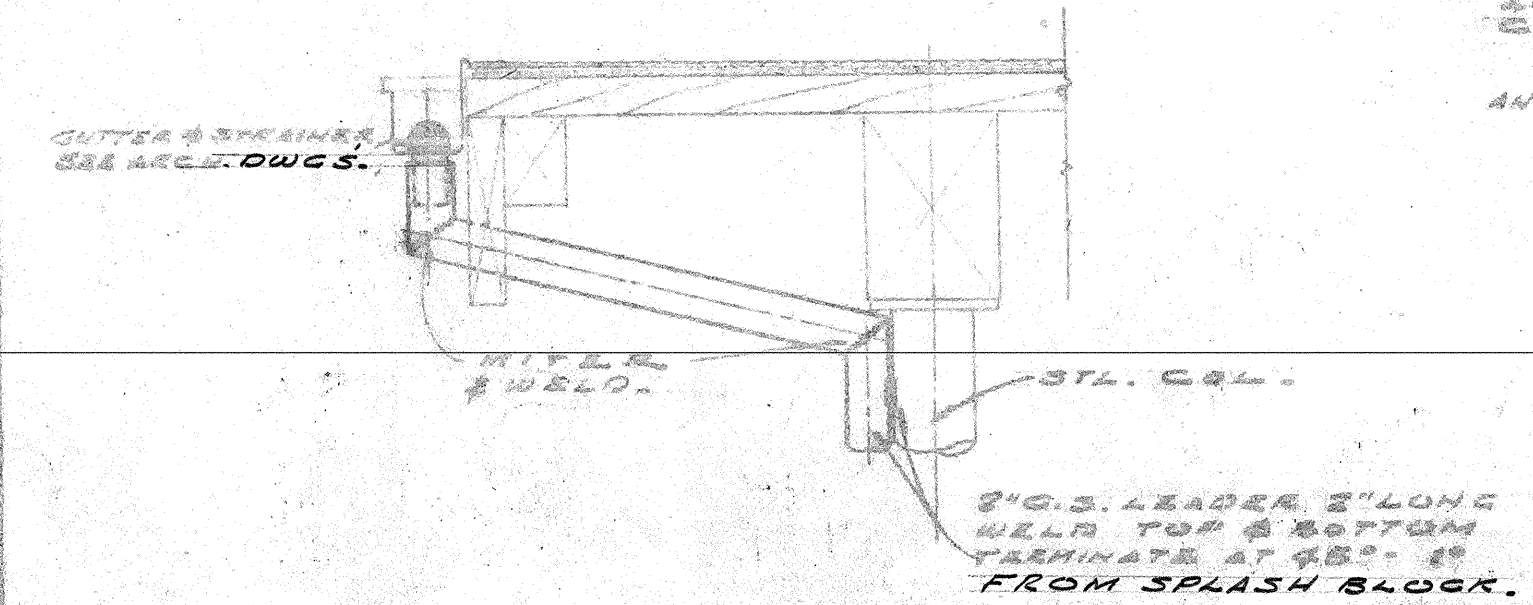


ROOF DRAIN & LEADER AT ENTRY 131-132 DET.M-2-2
SCALE 3/4"=1'-0"

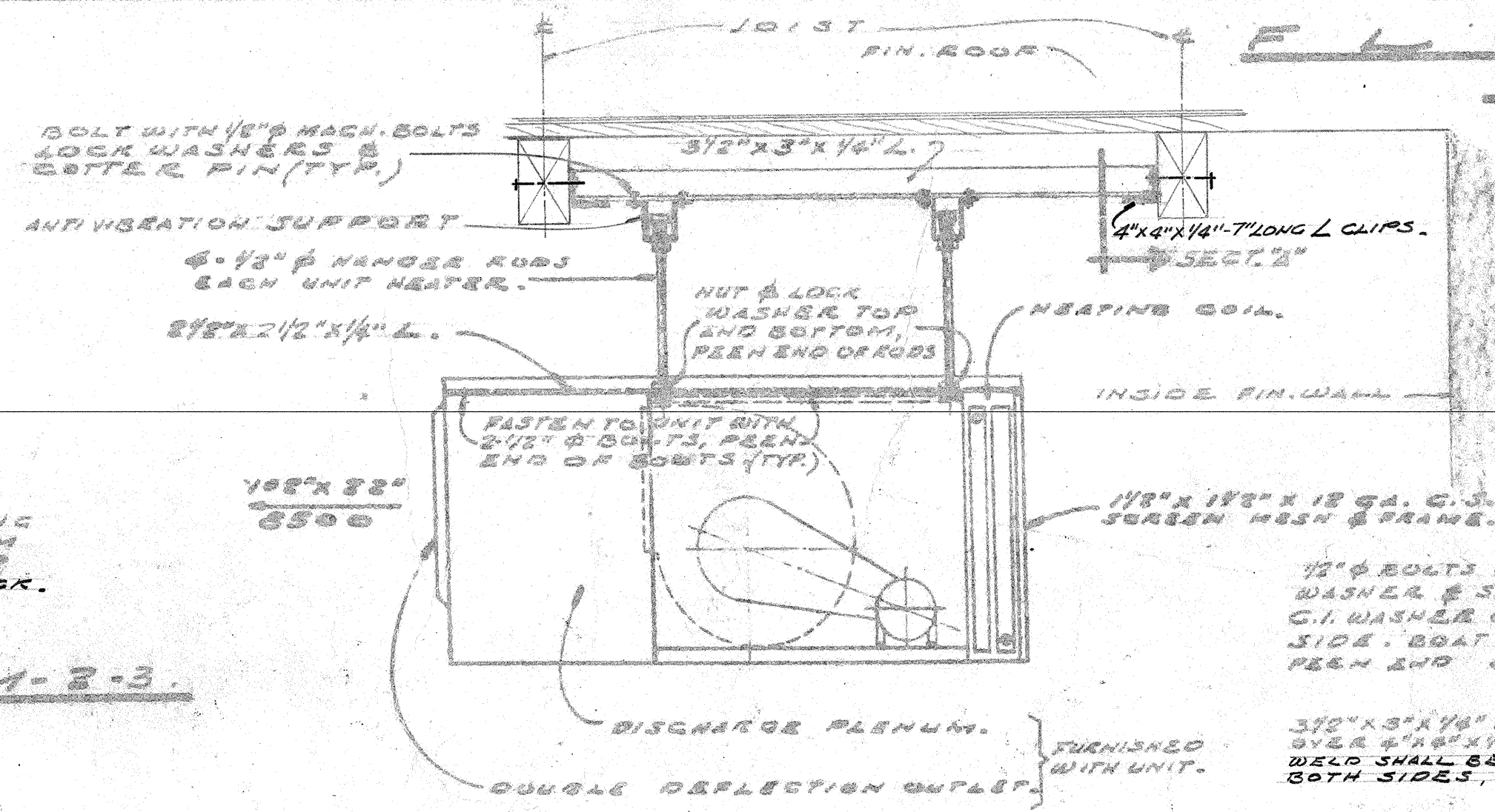


NOTE: FOR CONTINUATION OF PILING OUTSIDE QUINRING SEE SHEET M-1

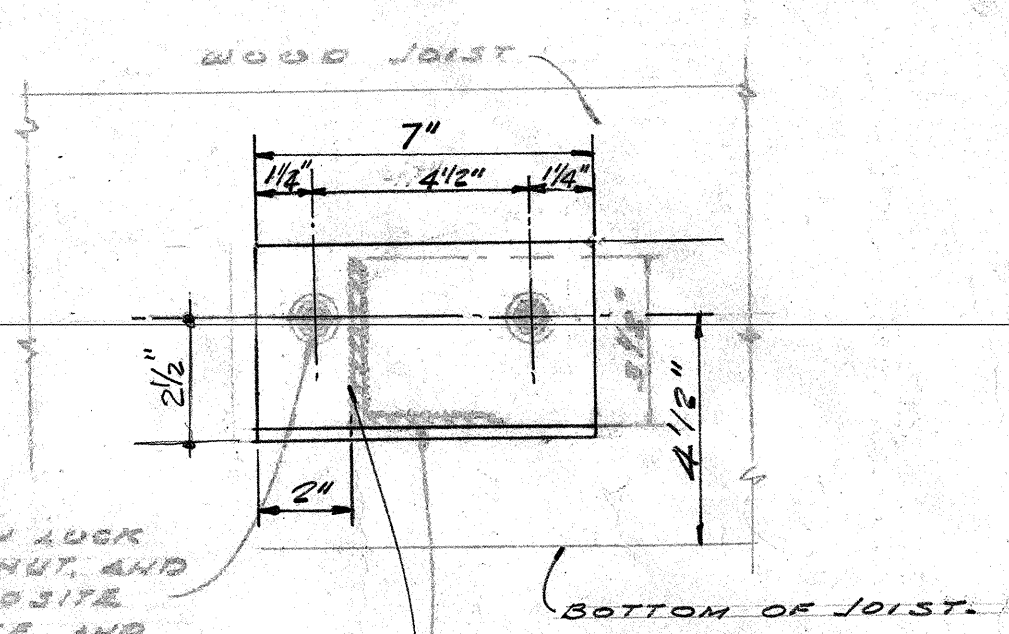
FLOOR PLAN
SCALE: 1/4" = 1' - 0"



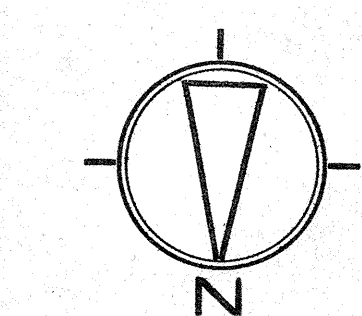
COVERED WALK LEADER TYP DET. M-2-3.
SCALE 1/16" = 1'-0"



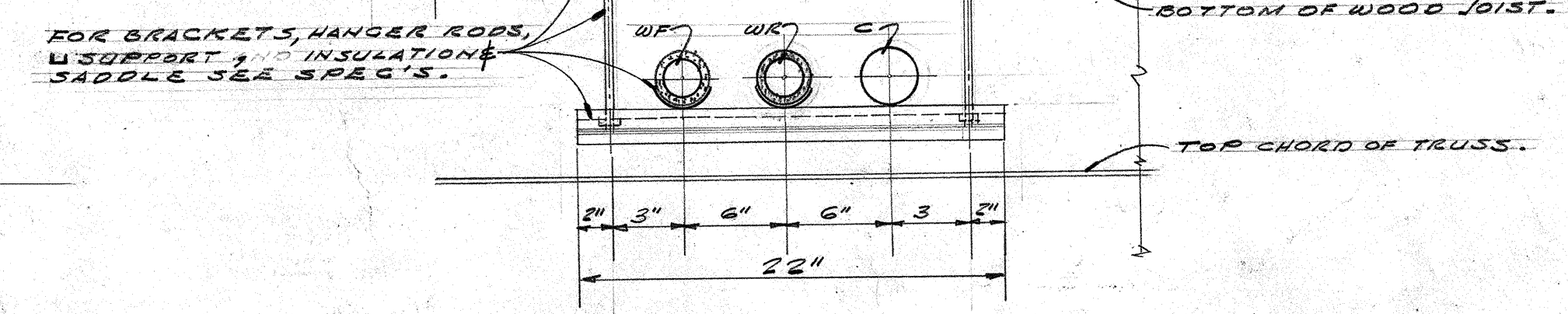
GYMNASIUM UNIT HEATER DRY M-2-4
3' 4 1/2" x 1' - 0"



CONTINUOUS
NOS (TYP.)
SECTION "A"
SCALE 1/8" = 1'-0"



5/16" ϕ BOLT
REQ'D. BY BR
SUPPLIED



TYP. TRAPEZE DET. M-2-5
NO SCALE

APPROVED BY
BOARD OF TRUSTEES
REPORT NO. 429 DATED MAY 28, 1956
PRESIDENT: EDGAR W. DALE
SECRETARY: EATON BROMBACHER
ARCHITECT: *Kenneth Sparhawk*
COUNTY SUPERINTENDENT OF SCHOOLS
APPROVED BY LETTER, MAY 18, 1956

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

14780 APPROVED AUG 28 1956
Per *M. W. Sullivan*
ARCHITECTURAL ENGINEER

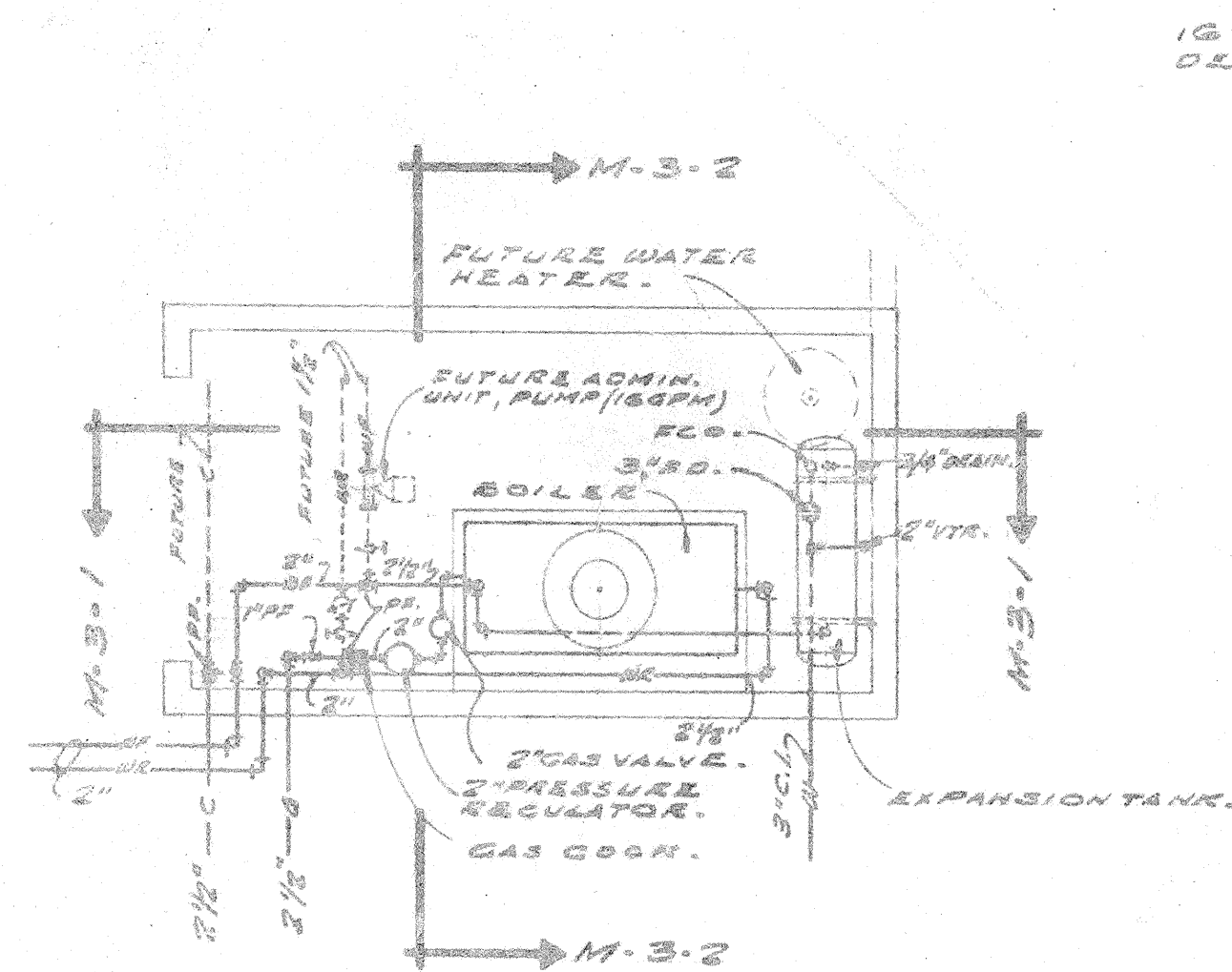
GYMNASIUM
BUILDING
FLOOR PLAN
AND
DETAILS

DATE MAY 21-1956
JOB NO. 55102
SHEET
M-2

DONALD L. HARDISON ARCHITECT
HARRY CLAUSEN & SONS
 150 BROADWAY, RICHMOND 2, CALIFORNIA BEACON 4-1414

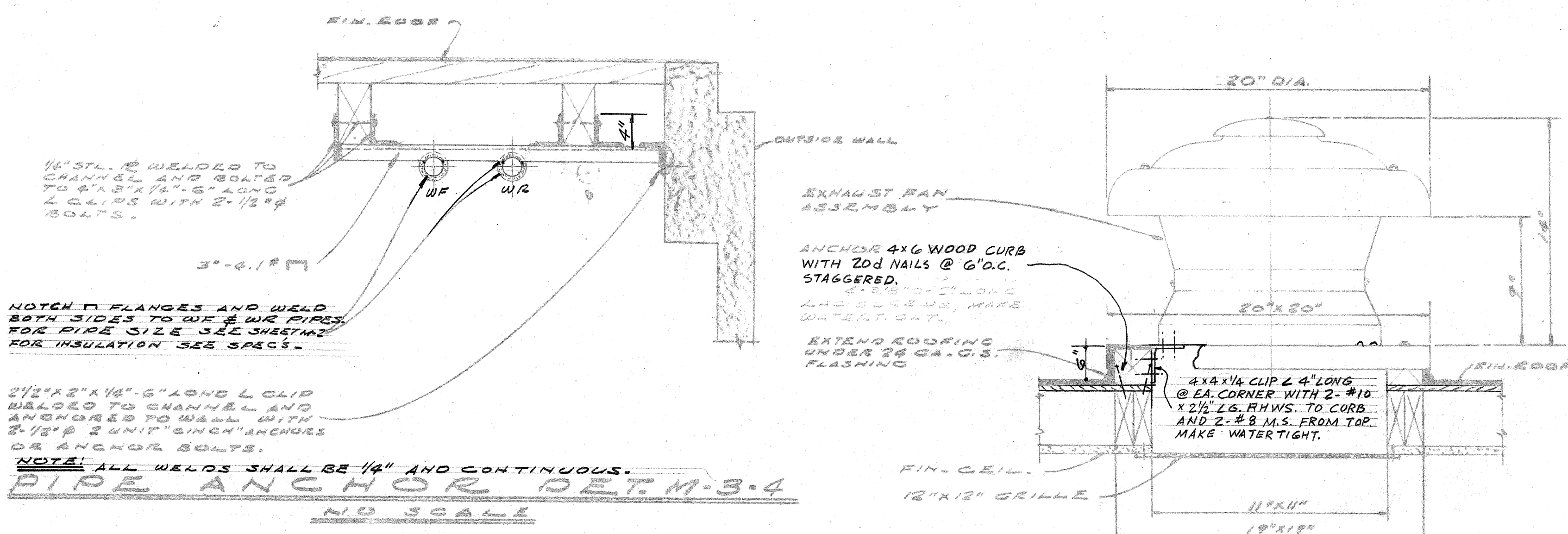
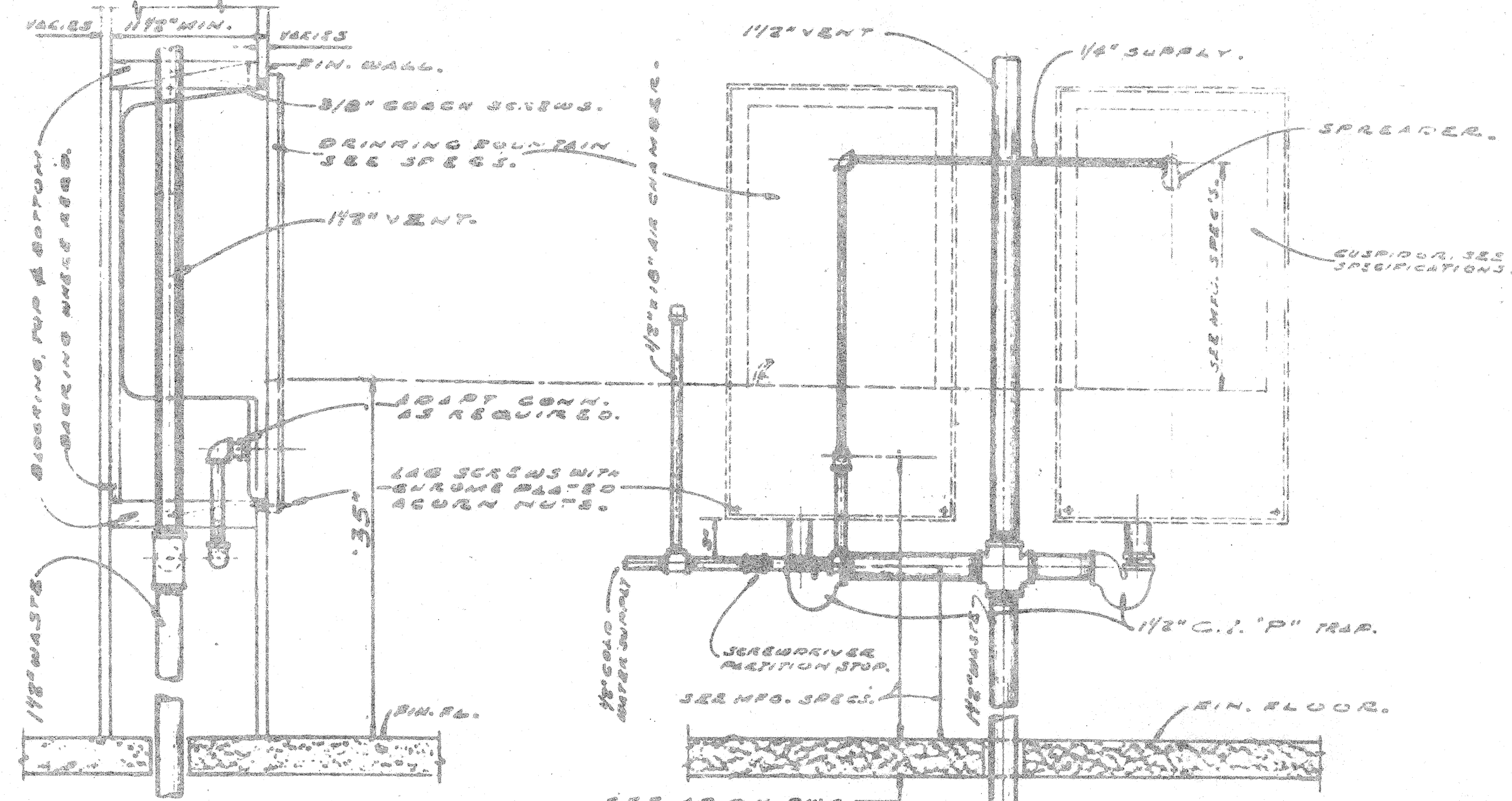
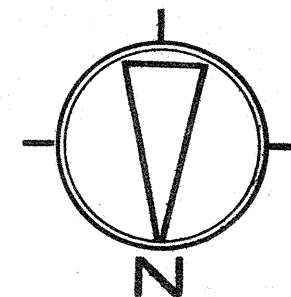
DR. W. J. HARRISON
 ELECTRICIAN, RADIATION PHYSICIAN
 607 HOWARD ST., SAN FRANCISCO, CALIF.

W. J. Harrison

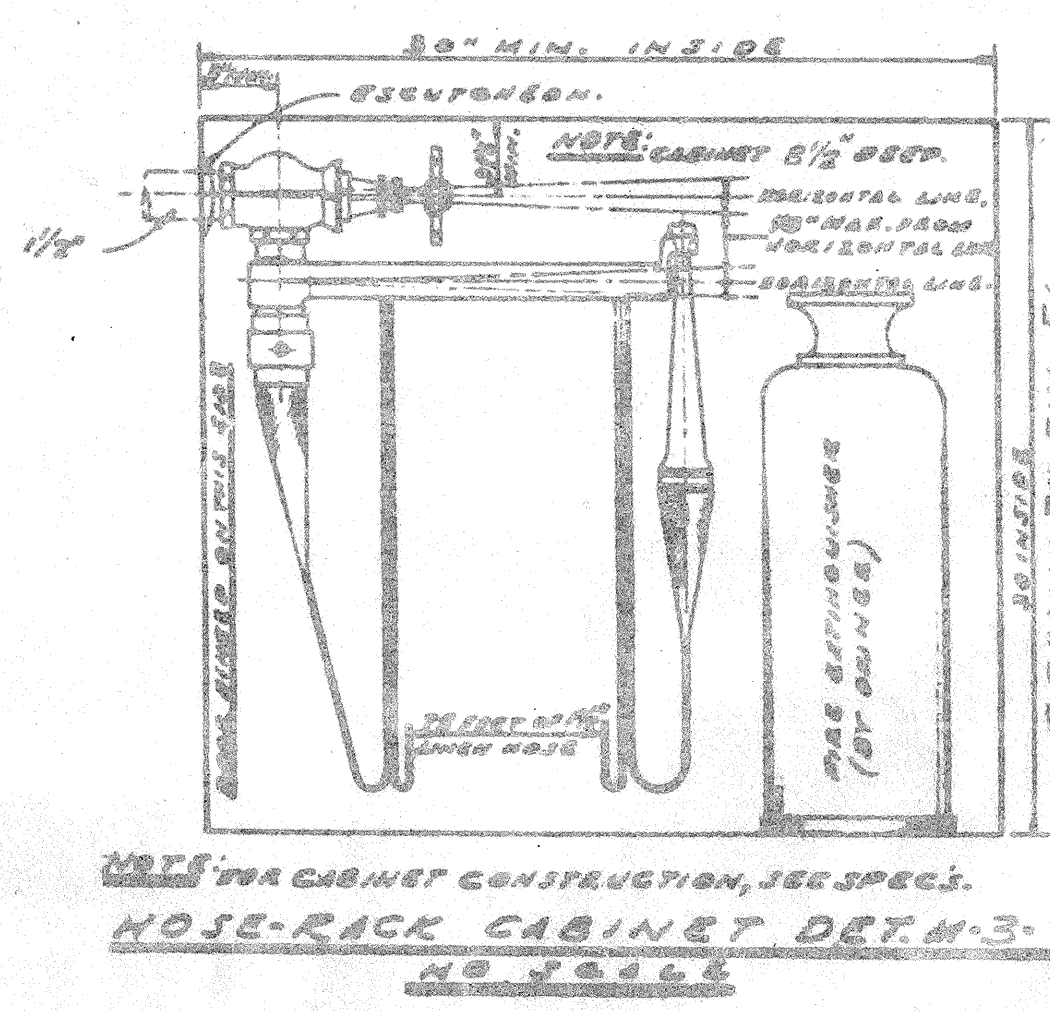
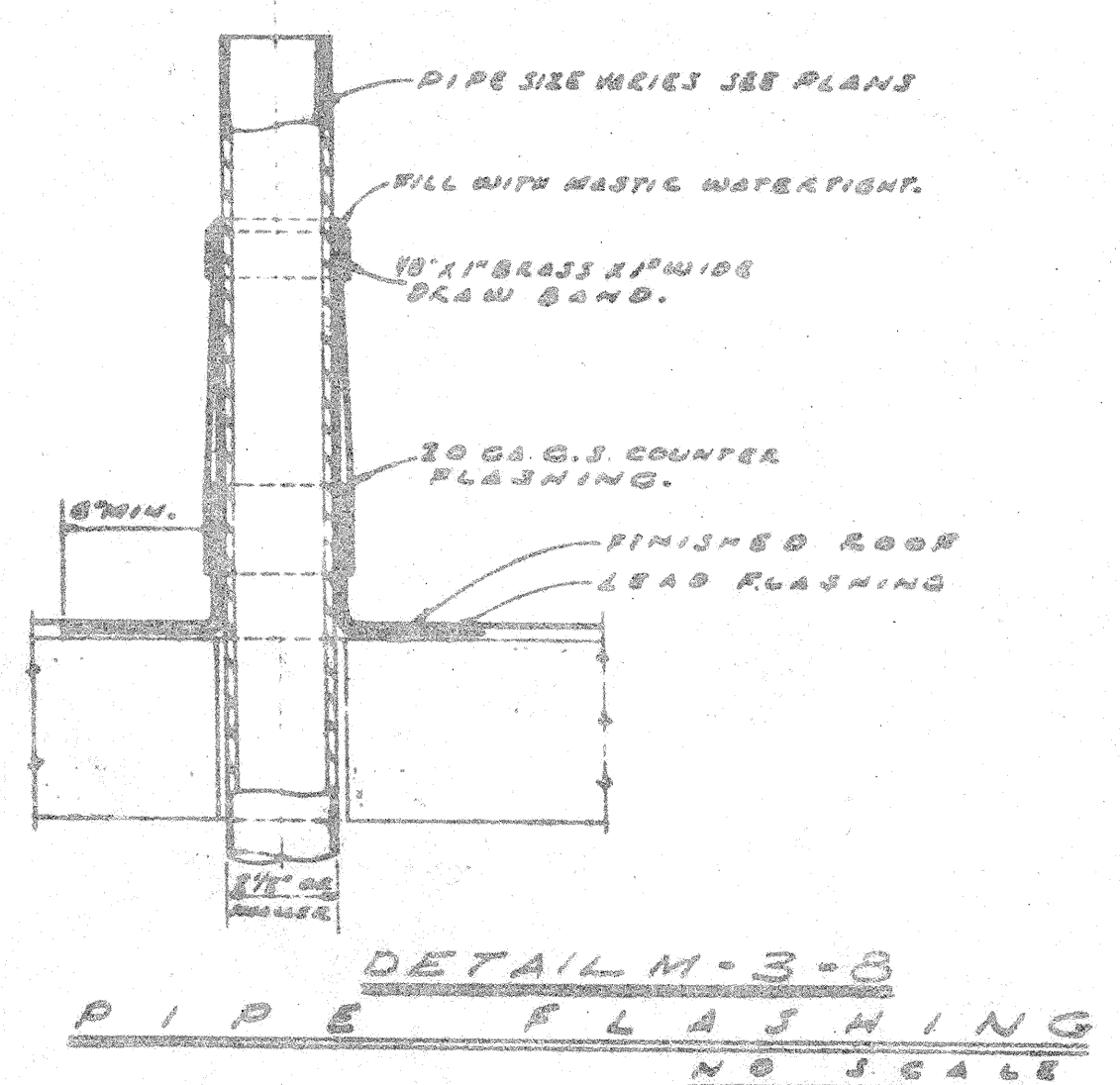
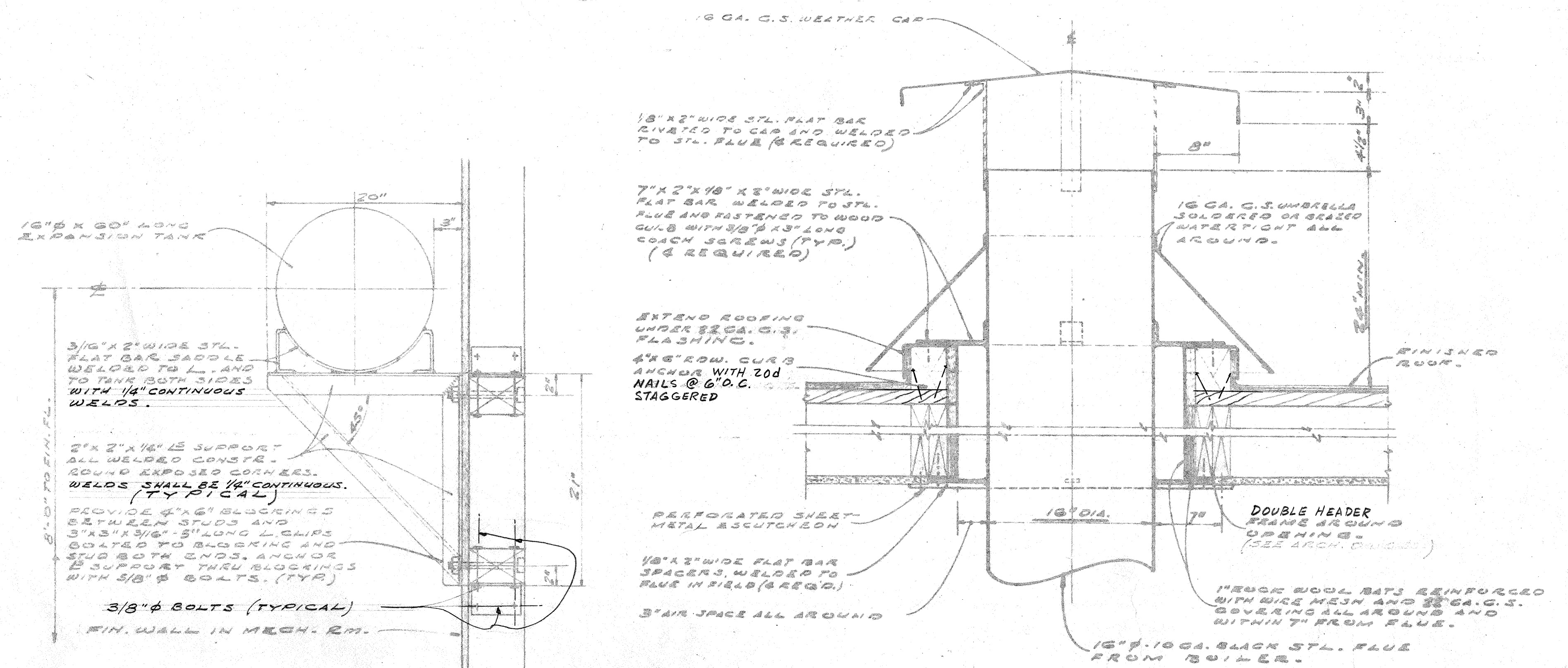


SECTION M-3-1
SCALE: 1/8" = 1'-0"

SECTION M-3-2



NOTE: OPENING FRAME & CURB SEE ARCH. DRWG'S.
ROOF EXHAUST FAN OVER STORAGE RM. 102 DET. M-3-5
NO SCALE



END VIEW
EXPANSION TANK SUPPORT DET. M-3-6
SCALE: 1/2" = 1'-0"

DONALD L. HARDISON ARCHITECT
HARRY B. CLAUSER - S. RICHARD KOMATSU ASSOCIATE ARCHITECTS
150 BROADWAY RICHMOND 2, CALIFORNIA BEACON 4-1114

P.E. GROUP GYMNASIUM & MECH. ROOM
CONTRA COSTA JUNIOR COLLEGE - EAST CAMPUS
CONTRA COSTA JUNIOR COLLEGE DISTRICT
GOLF LINKS ROAD CONTRA COSTA COUNTY, CALIFORNIA

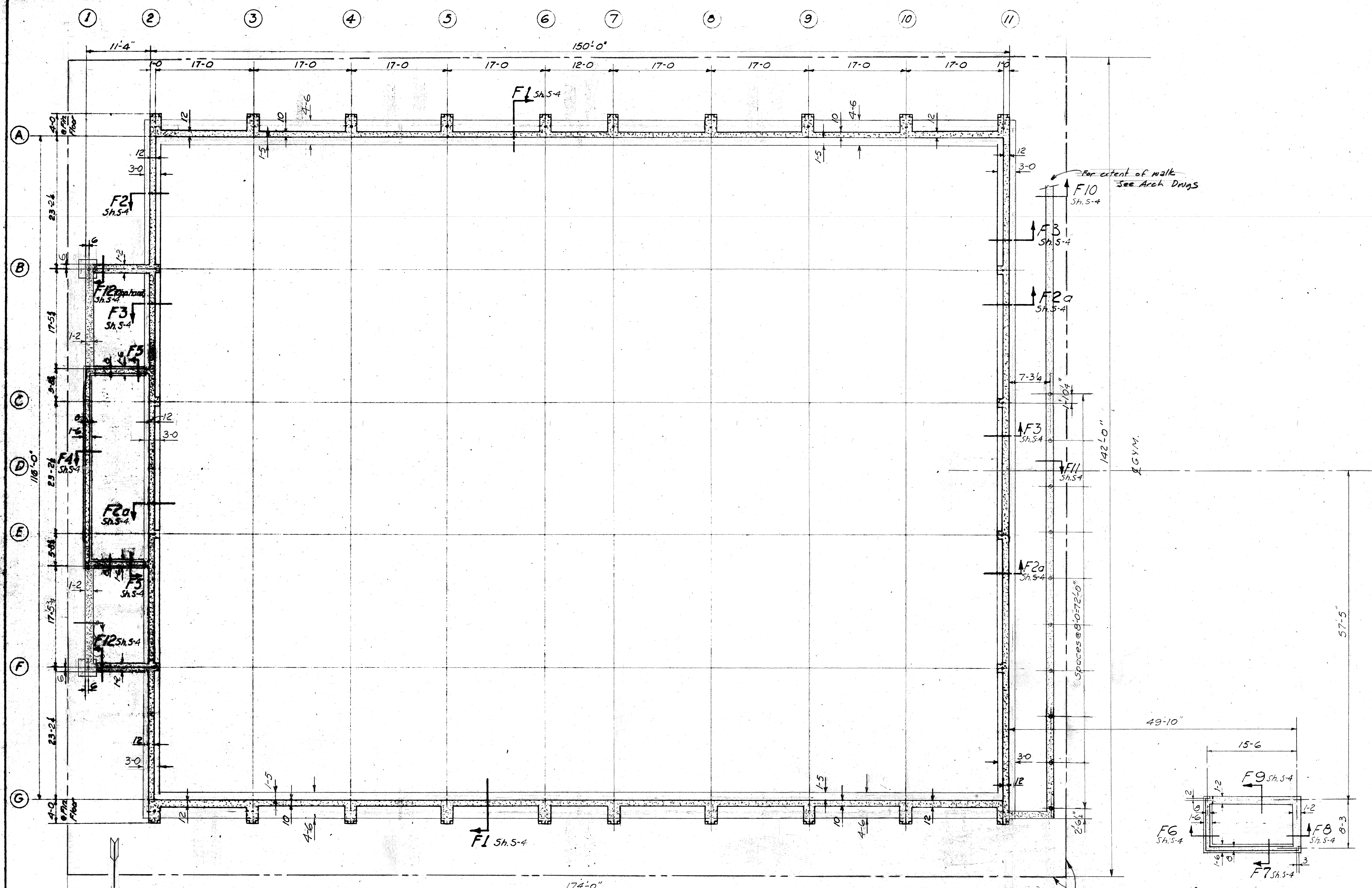
APPROVED BY
BOARD OF SUPERVISORS
RESOLUTION NO. 10000 MAY 29, 1956
PRESIDENT: EDGAR W. DALL
SECRETARY: STON BROWBACHER
ARCHITECT: DONALD L. HARDISON
COUNTY SUPERINTENDENT OF SCHOOLS
APPROVED BY: 1-1877, MAY 16, 1956.

14780 APPROVED JUL 28 1956
Per: R. W. [Signature]
DIVISION OF ARCHITECTURE

GYMNASIUM
MECHANICAL
RM. PLAN
AND
DETAILS

DATE: MAY 29, 1956
JOB NO. 55102
SHEET

M-3
OF 5



FOUNDATION PLAN (1:10)

1. See General Notes, Sheet 5-3.
2. Foundation Plan is taken immediately below slab on grade. The top of slab is 5" below Nominal Floor Line unless otherwise shown on details. The Nominal Floor Line is at Elev. 34.00.
3. Bottoms of footings are 3'-0" below Nominal Floor Line unless otherwise noted.
4. Elevations of bottoms of footings have been established to reach Engineered Fill, capable of supporting 2000 p.s.f. D.L. and 3000 p.s.f. D.L. + L.L., - see Soil Report by Hersey Inspection Bureau, dated April 30, 1956. As excavation progresses conditions may develop requiring changes in these elevations and/or footings. Such changes shall be made only as directed by the Architect.
5. Footings shall be poured in neat excavation without side forms wherever possible.
6. For Slab on Grade - see General Notes.
7. For drainage details, sumps, damp proofing, trenches, curbs, exterior walks, steps, location and extent of Slab depressions, etc.; see Architectural and/or Mechanical Drawings.

Any Fill placed within these limits shall comply with requirements for Engineered Fill. See Specs.

ARCHITECT
DONALD L. HARDISON
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HALL PRESIDENT & PARTNER
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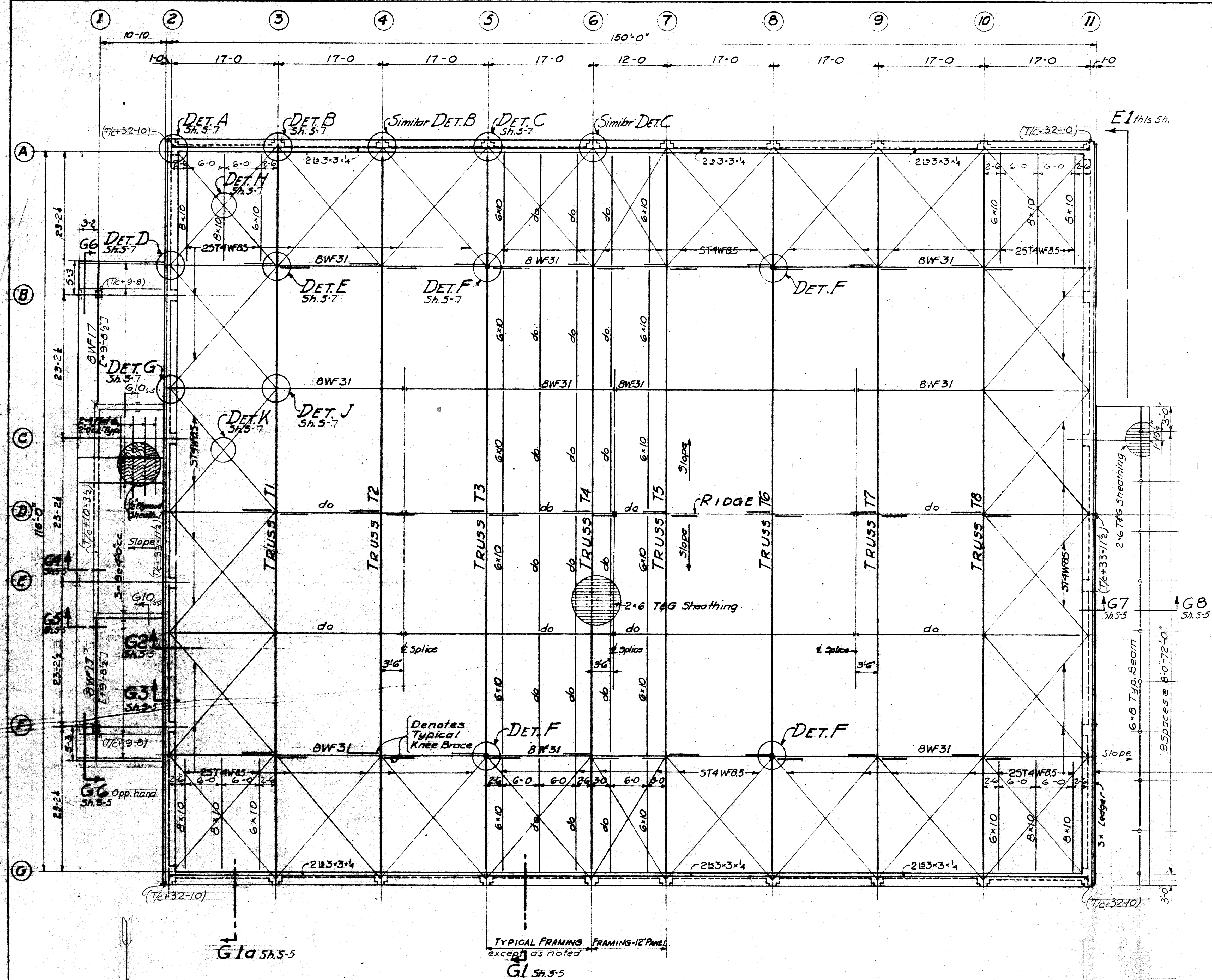
P.E. GROUP
CONTRA COSTA JUNIOR COLLEGE - EAST CAMPUS
CONTRA COSTA JUNIOR COLLEGE DISTRICT
GOLF LINK ROAD, CONTRA COSTA COUNTY, CALIFORNIA
NEAR PACHICO.

BOARD OF TRUSTEES
PRESIDENT
SECRETARY
ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
14780 APPROVED AUG 28 1956
For M. H. Pelling
SEAL

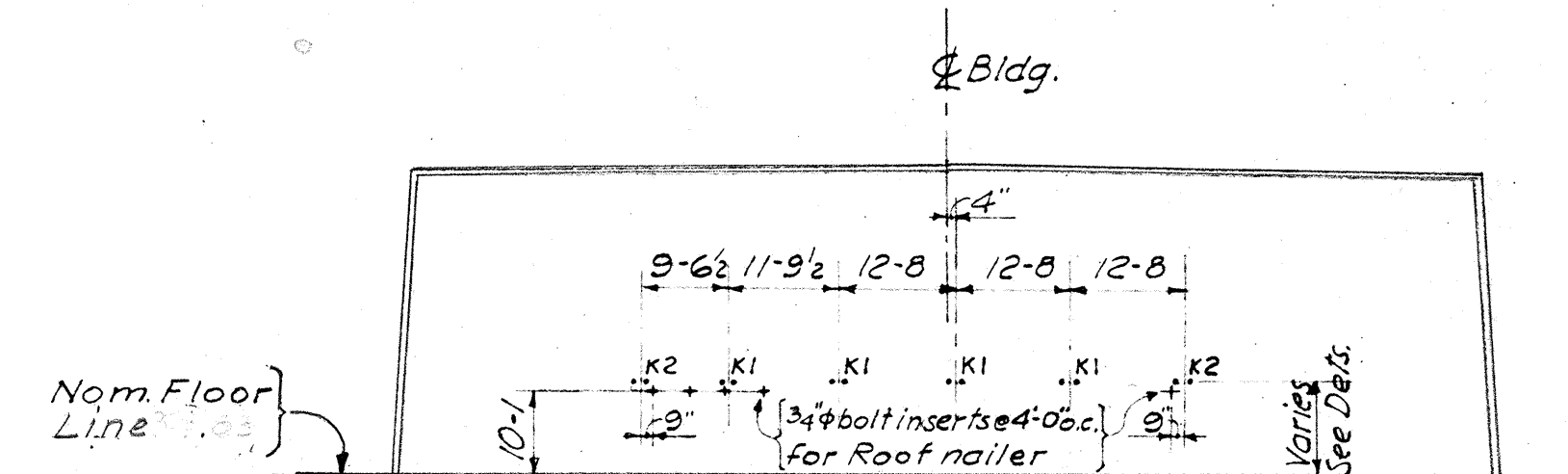
GYMNASIUM
BLDG
FOUNDATION
PLAN

DATE: 5-21-1956
JOB NO: 55102
SHEET
S.1
OF 7

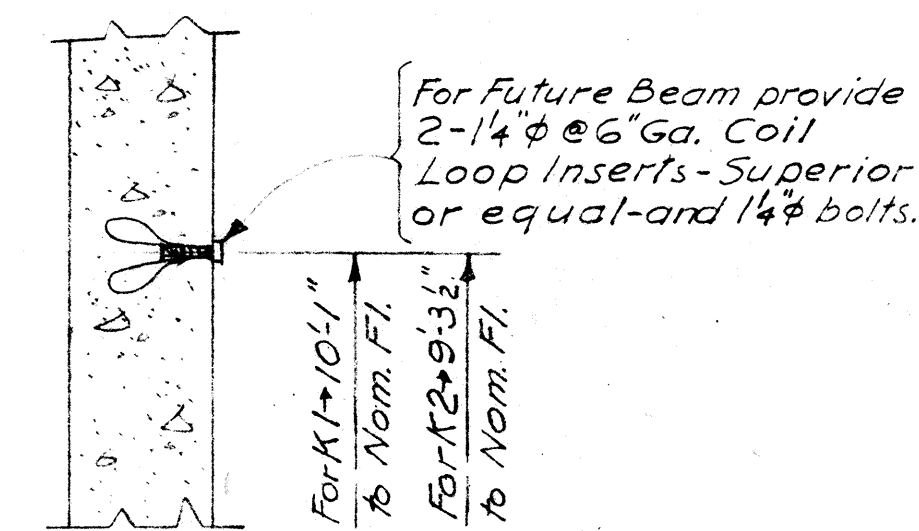


ROOF FRAMING

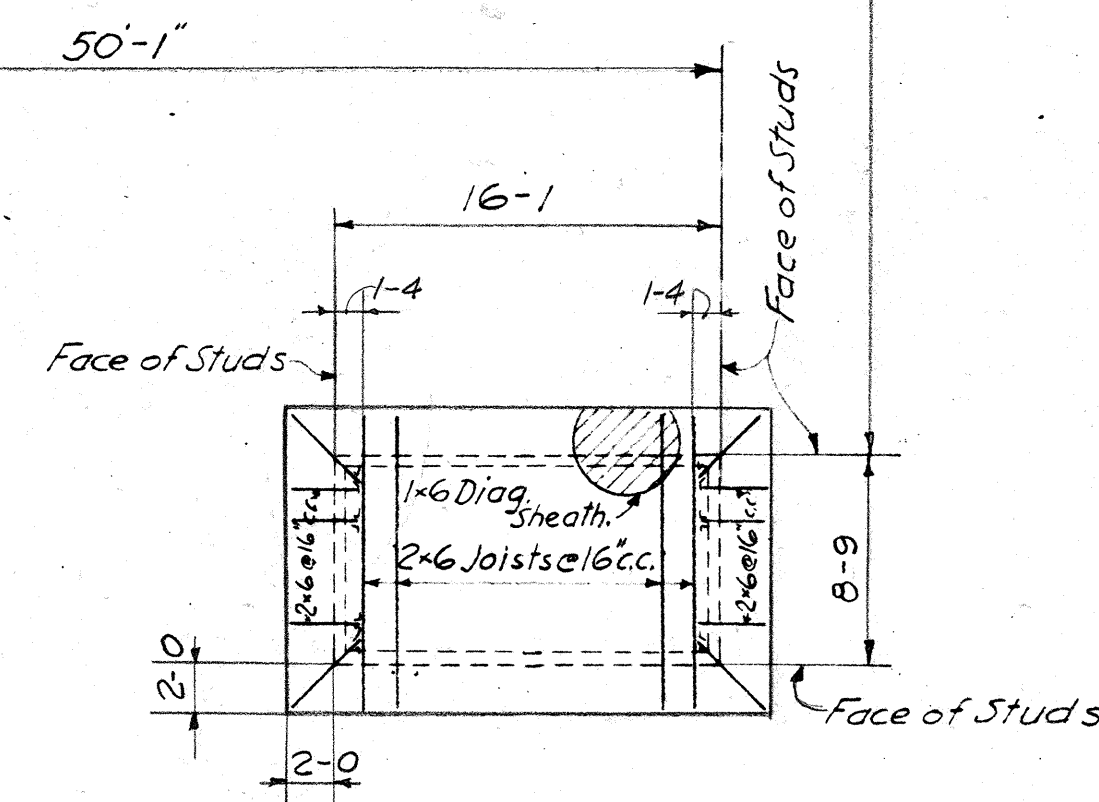
1. See General Notes Sheet 5-3.
2. Tops of steel beams are shown thus: [9'-8 1/2"], etc., on plan. Elevations so noted are given with reference to the Nominal 1st Floor Line. Tops of concrete are shown thus: (7'6"±32'-10"), etc., on plan.
3. See Architectural Drawings for plate heights, fascia details, roof drains, etc.



ELEVATION E1
Showing location of Inserts for future Bldg.



Det. K1 as noted
Det. K2 as noted



DONALD L. HARDISON ARCHITECT
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WILL PRESNOR & MATHIEU
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SAN FRANCISCO 9, CAL.

P.E. GROUP
CONTRA COSTA JUNIOR COLLEGE - EAST CAMPUS
CONTRA COSTA JUNIOR COLLEGE DISTRICT
GOLF LINK ROAD, CONTRA COSTA COUNTY, CALIFORNIA
NEAR PACHECO.

BOARD OF TRUSTEES
PRESIDENT
SECRETARY
ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
14780 APPROVED AUG 28 1956
Per M. W. Galloway

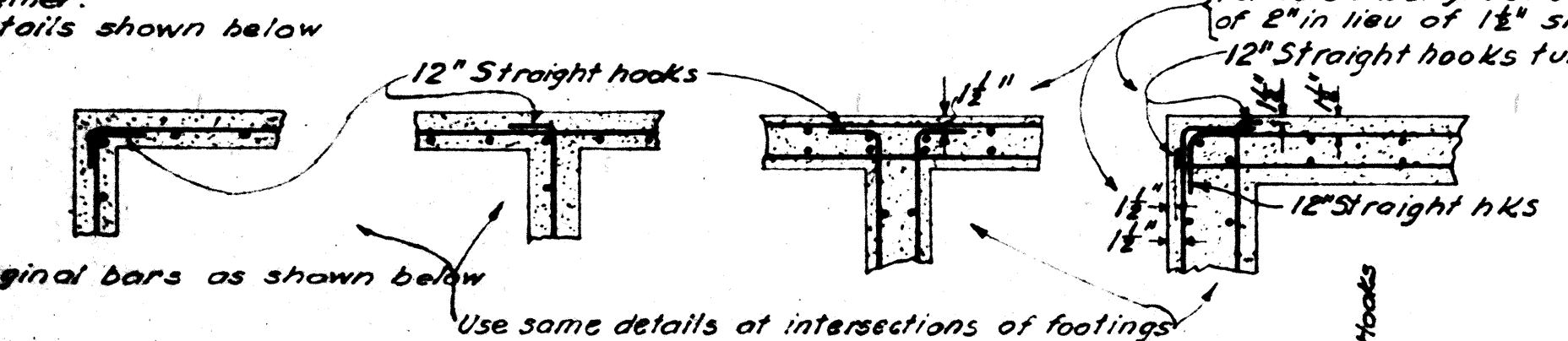
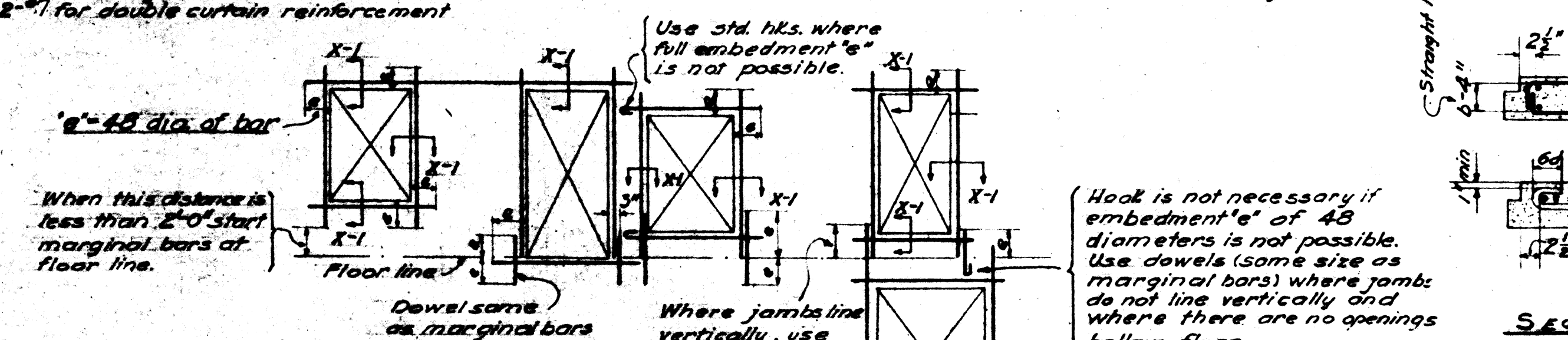
GYMNASIUM
BLDG
ROOF FRAMING

DATE: 5-21-1956
JOB NO.: 55102

SHEET
52
OF 7

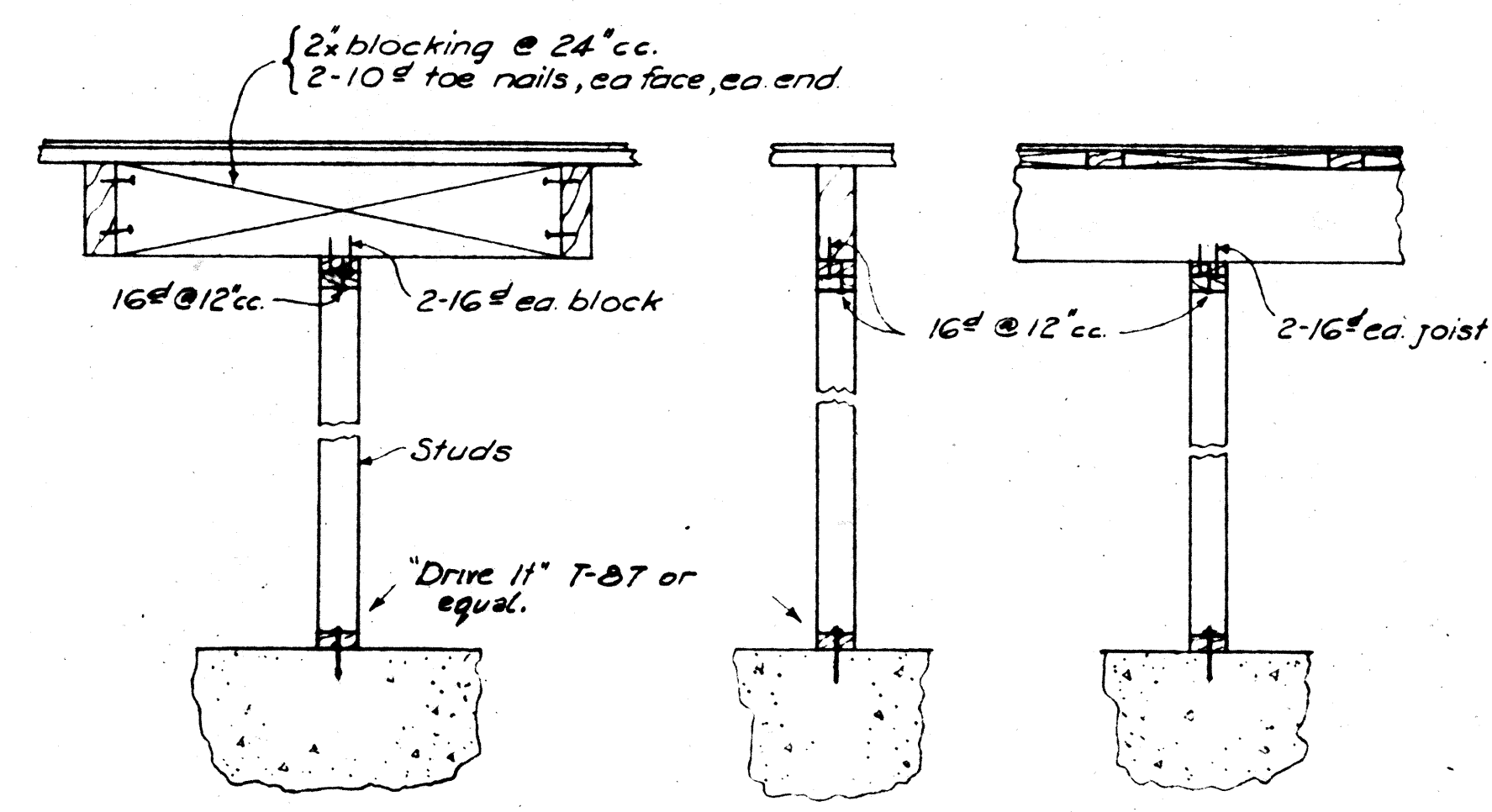
GENERAL NOTES

Applying to all Structural Features unless otherwise shown or noted

1. **REFERENCE TO OTHER DRAWINGS**
(a) See Architectural Drawings for: Kinds of floor finish and their location, depressions in floor slabs, openings in walls and floors required by doors, windows, ducts, vents, plumbing, etc.; all types of flashing, inserts and drainage hangers, etc., embedded in or attached to the structure; roadway paving, walks, stairs, ramps, curb walls, terraces, etc.; exterior grades; elevations of sloping roof surfaces and location of drains, etc.
2. **DIMENSIONS** unless otherwise noted are to rough concrete surfaces.
3. **DISCREPANCIES**
(a) The Contractor shall compare the Structural Drawings with the Architectural Drawings as to layout, dimensions and elevations. All discrepancies, if any, shall be reported to the Architect for proper adjustment before proceeding with the work.
4. **SPECIFICATIONS**
(a) The Specifications shall govern where information is not given in these General Notes or on Drawings.
5. **INTENT**
(a) In the event that certain features of the construction are not fully shown on the drawings or called for in the General Notes or Specifications, it is the intent that their construction shall be of the same character as for similar conditions that are shown or called for.
6. **CONCRETE**
(a) Design working stresses for concrete are based on an assumed ultimate compressive strength of 2500 P.S.I. for the concrete at the age of 28 days.
(b) See Specifications for specific requirements as to Concrete.
7. **STEEL REINFORCEMENT**
(a) All reinforcing steel shall be NEW Intermediate Grade Steel conforming to A.S.T.M. Specification A15-54.
(b) All reinforcing bars to be deformed bars complying with A.S.T.M. A305-53.
(c) All reinforcement shall be continuous. Laps of splices shall be at least 32 bar diameters.
(d) Standard hooks and offsets to be as shown here unless otherwise detailed on drawings.
(e) Suitable devices of some standard manufacture shall be used to hold reinforcement in its true horizontal and vertical position. These devices shall be of a substantial design, sufficient in strength and numerous to avoid displacement of the reinforcement during the placing of the concrete. All such devices shall be submitted to and receive the approval of the Architect before being used.
8. **WALLS**
(a) See Architectural Drawings for concrete walls not shown on Structural Drawings.
(b) All walls shall have typical reinforcement even though no reinforcement is shown on the drawings unless specifically noted "Not Reinforced".
Typical Wall Reinforcement shall be as follows:
For 7" walls - 4 #12's each way in center of wall.
For 8" walls - 4 #12's each way each face of 12" clear from steel to face of wall.
For 9" to 12" walls - 4 #12's each way each face of 12" clear from steel to face of wall.
For walls over 12" thick - 5 #12's each way each face of 12" clear from steel to face of wall.
(c) Wall reinforcement to be securely wired together.
(d) At all corners and wall intersections use details shown below.

(e) Around all four edges of openings use marginal bars as shown below:
1-#1 for single curtain reinforcement
2-#1 for double curtain reinforcement

(f) In top of parapet walls place continuous bars. Use 1-#5 bar for single curtain reinforcement; 2-#5 bars for double curtain reinforcement. Bend bars 12" around corners and embed 48" bar diameters into walls which terminate the parapet. Use standard hooks when this embedment is not possible.
9. **DOVELS**
(a) Intersections of walls and footings with slabs resting on grade use #4 dowels at 12" c/c projecting 2'-0" into slab from rear face of wall or footing. Project dowels to 2" from face of wall or footing and terminate in 6" straight hook.
(b) At junction of walls with footings use dowels of same size and spacing as wall reinforcement. Dowels shall extend 32 diameters into wall and 32 diameters into footing. Extend dowels to 3" above bottom of footing and terminate in 6" straight hook at ends, where 32 diameters embedment cannot be obtained.
(c) Provide dowels for all walls starting on beams and/or slabs. These dowels shall be as noted in Paragraph 9b.
10. **SHOP DRAWINGS**
(a) The Contractor shall submit to the Architect for approval complete bending and placing details of all reinforcement for this work. These details shall include the diagrammatic elevation of all walls to a scale sufficiently large to show clearly the position and erection marks of all marginal bars around openings, dowels, splices, etc. for these bars. For Structural Steel Shop Drawings see Note 14 below.
11. **SLAB ON GRADE**
(a) All slabs on grade shall be at least 5" thick reinforced with #3 @ 12" c/c each way in center of slab. Reinforcement shall be supported on precast concrete chairs 3" thick spaced at 48" c/c each way. At wall and footing provide dowels as noted in Paragraph 9b. For backfill under slabs see Note 14b.
(b) All slabs on grade shall have typical reinforcement even though no reinforcement is shown on drawings. Only slabs specifically marked with "E" note "Exposed face of wall".
12. **CONSTRUCTION JOINTS**
(a) For construction joints in general see Specifications.
(b) Use following procedure for construction joints:
Sand blast with coarse silica sand all construction joints sufficiently to clean and roughen the entire surface of the joint, exposing clean aggregate solidly embedded in mortar matrix. Forms and reinforcing shall likewise be cleaned of drippings.
(c) Where horizontal joints are made, the concrete shall be poured to a horizontal "reglet" or screed set into forms. See Typical detail and Specifications.
(d) See Specifications for Vertical Construction Joints.
(e) See Specifications for special concrete mix to be used when starting new pour of construction joint.
13. **FOUNDATION**
(a) Except where otherwise shown excavation shall be made as near as possible to the neat lines required by the size and shape of the structure. No unnecessary material is to be excavated. See Foundation Plan for additional data.
(b) Where backfill is placed against walls, the walls shall be adequately shored until construction bracing the walls has been erected and has obtained its strength.
(c) Backfill shall be placed in layers not exceeding 6" in depth. Each layer shall be moistened as directed and thoroughly compacted prior to placing the next layer, see specifications.
14. **STRUCTURAL STEEL**
(a) All structural steel shall conform to the A.I.S.C. Spec. for Design, Fabrication & Erection of Structural Steel for Bldgs., 5th Edition. The Struct. Steel shall conform to the Spec. of the A.S.T.M. for Steel for Bridges & Bldgs., Ser. Design A7-53 as amended to date. For Pipe Columns, see Specifications (Grade B). The contractor shall submit a complete set of shop drawings to the Architect for approval.
(b) See Specifications.
(c) See Specifications.
15. **EXISTING CONSTRUCTION**
(a) Existing construction shown on the drawings was obtained from existing drawings. The Contractor shall verify all existing conditions, and shall notify the Architect of all exceptions before proceeding with the work.
(b) The removal, cutting, drilling, etc., of existing work shall be performed with great care and small tools in order not to jeopardize the structural integrity of the building. If structural members are indicated for removal interior with the new work, the Architect shall be immediately notified and prior approval obtained before removal of members.
(c) The Contractor shall safely shore existing construction wherever existing supports are removed to allow the installation of the new work. The existing construction shall be connected and/or embedded into the new construction shown or specified.
16. **CARPENTRY**
(a) **Joists** Provide: Full bearing at all supports. Lap joists 8" min. over supports where possible. 2" Solid Blocking of supports, and under partitions at right angles to joists. 2x3 Cross bracing at midspan for spans 8 ft. to 16 ft., for greater spans spacing of bracing shall not exceed 8'-0". Omit cross bracing for roof and ceiling joists 8 inches and under in depth. Double joists under partitions parallel to joists.
(b) **Partitions** Use single bottom plate and double top plate. Stagger joints in upper and lower members of top plate not less than four feet. Provide one row of solid blocking every 2' (See typical detail for blocking at plywood sheathing). Bolt plates to masonry or concrete with 3/8" x 12" bolts spaced @ 4'-0" c/c one bolt shall be within 9" of each end of each piece of plate. Where wood partition abut against concrete walls, bolt end stud to concrete wall with 3/8" x 12" bolt at 4'-0" c/c.
(c) **Sheathing** Plywood sheathing on the roof and walls shall be of the quality noted in the specifications, and shall be placed in accordance with the details shown these drawings.
(d) **Bolts** All holes in wood shall be drilled net size of bolt. Bolt threads shall not bear on wood or steel. Use Standard Malleable Iron Washer 3" dia. x 1/2" thick for 3/8" bolts; 2 1/2" dia. x 3/8" thick for 1/2" bolts against wood.
(e) **Splice Shanks** Wood members thruout building shall be connected together with nailing listed in this schedule unless a greater number of nails is shown or called for elsewhere on drawings. All nails shall be common wire nails. Wherever the nailing specified tends to split the wood, holes for nails shall be sub-bored. Split members shall be taken out and replaced.

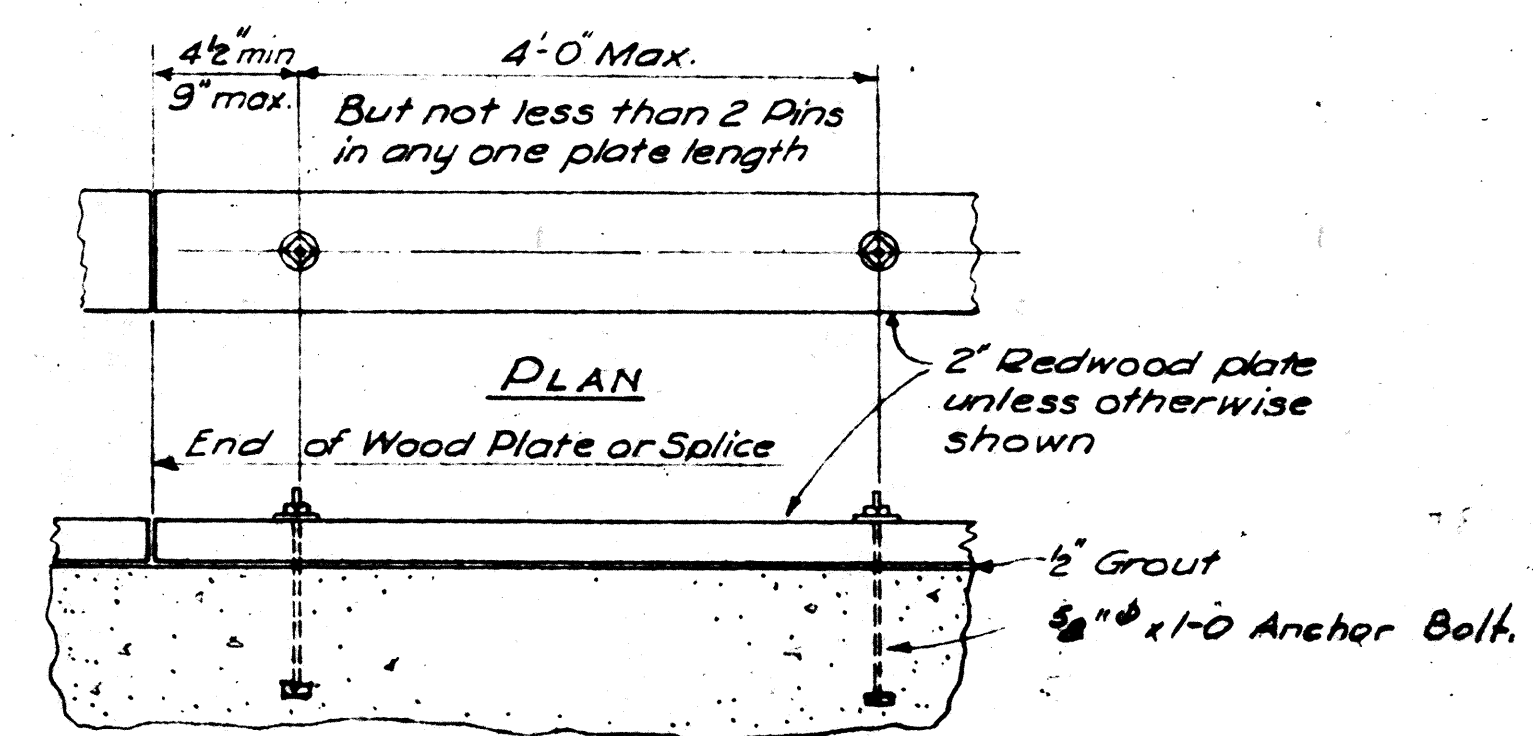
Member	Nailing
Roof Rafters - Trusses or all bearings	4-16" Nails
Roof Rafters - Trusses or all bearings	2-10" toe nails each side
Shed to beams	2-10" toe nails
Blocking between roof rafters or trusses	2-10" toe nails
to joist rafter or truss	2-10" toe nail ea side ea end
to plate on which joist rests	2-16" toe nail ea side
to wood girder on which joist rests	2-16" toe nail
Square laid Sheathing 1x6	2-8" at all bearings
Diagonal Sheathing 1x6	2-8" at ends of all boards
2x4 Sheathing	2-8" at intermediate bearings
2x4 Sheathing	2-8" at ends of all boards
2x6 Sheathing	2-8" at intermediate bearings
2x6 Sheathing	2-8" at ends of all boards
2x8 Sheathing	2-8" at intermediate bearings
2x8 Sheathing	2-8" at ends of all boards
2x10 Sheathing	2-8" at intermediate bearings
2x10 Sheathing	2-8" at ends of all boards
2x12 Sheathing	2-8" at intermediate bearings
2x12 Sheathing	2-8" at ends of all boards

(f) **Wood Preservative** For preservative treatment of wood in contact with concrete and/or masonry or for wood within 2 feet of ground surface, see Specifications.

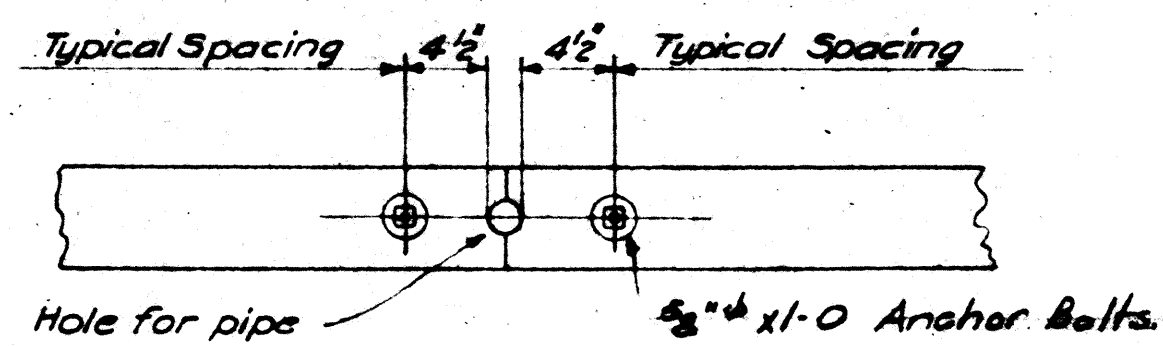


TYPICAL CONNECTIONS OF NON BEARING WOOD STUD PARTITIONS WITHOUT SHEATHING

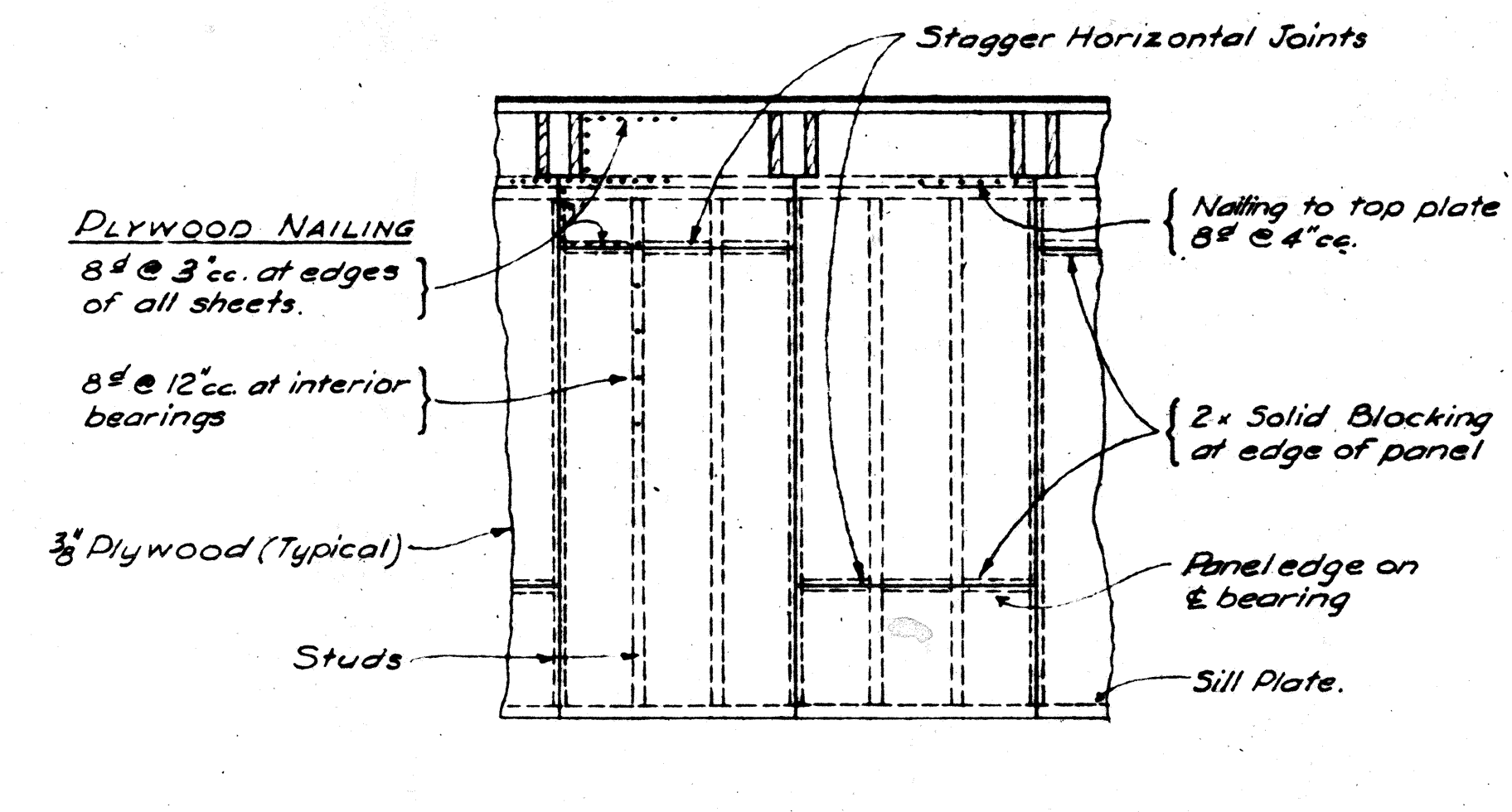
Check location of utilities embedded in slab before driving anchors.



TYPICAL DETAIL OF BOLTING WOOD PLATE OF SHEATHED WALL TO CONCRETE



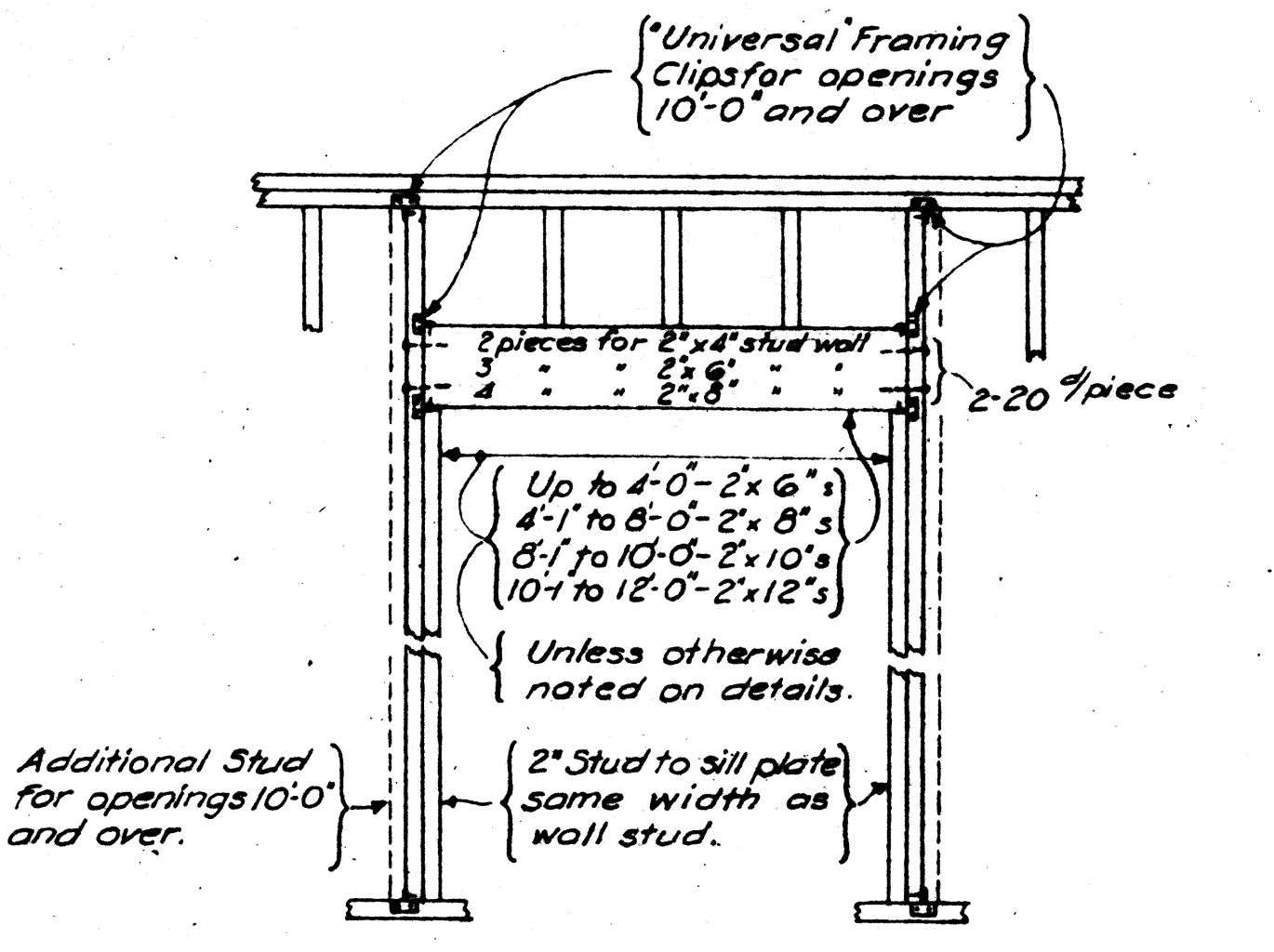
DETAIL OF SILL PLATE BOLTING FOR SHEATHED WALLS WHERE OD OF PIPE EXCEEDS 3/4 OF NET STUD DIMENSION



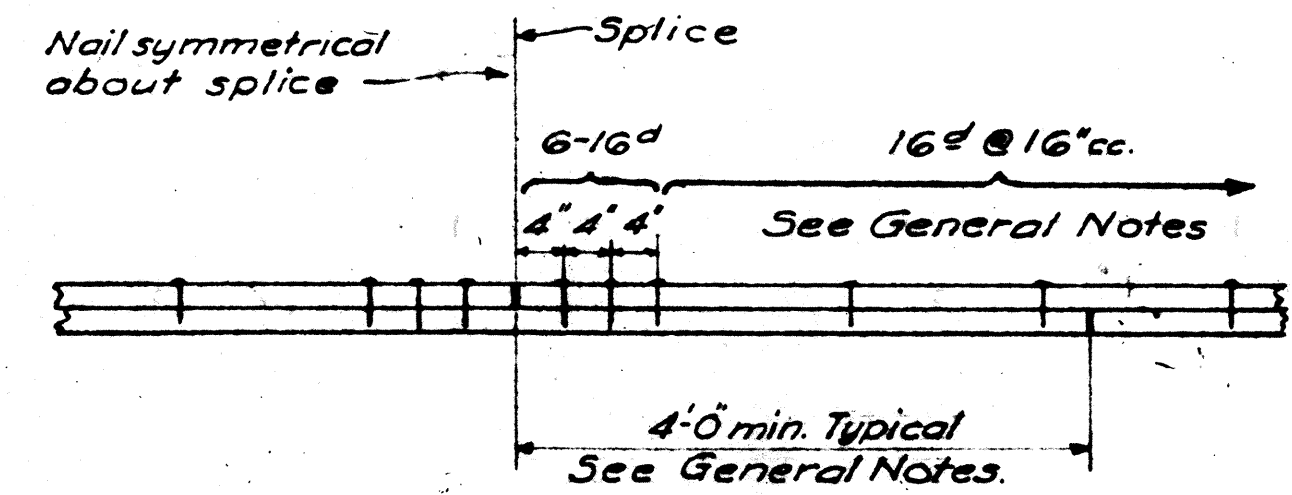
AT WALL

TYPICAL DETAILS - PLYWOOD SHEATHING

1. Roof Sheathing shall be 1/2" Plywood. Wall Sheathing shall be 3/4" Plywood.
2. All Plywood shall be "Exterior Type" Sheathing Grade "C-C" or equal Douglas Fir Plywood Commercial Standards C5-45-48. Each panel shall bear the grade mark of the Douglas Fir Plywood Association.
3. Contractor shall use #8 Berkeley Plywood Nails or 8d common cut 2" length.
4. 2x4s for Purlins shall be in as long lengths as practicable. Unless noted, splice over 4x roof members - stagger splices. Purlins and blocking shall be located accurately so as to fit plywood.
5. Edge of plywood shall be not closer than 3/4" to edge of bearing.
6. Nails shall be at least 3/8" from edge of plywood.

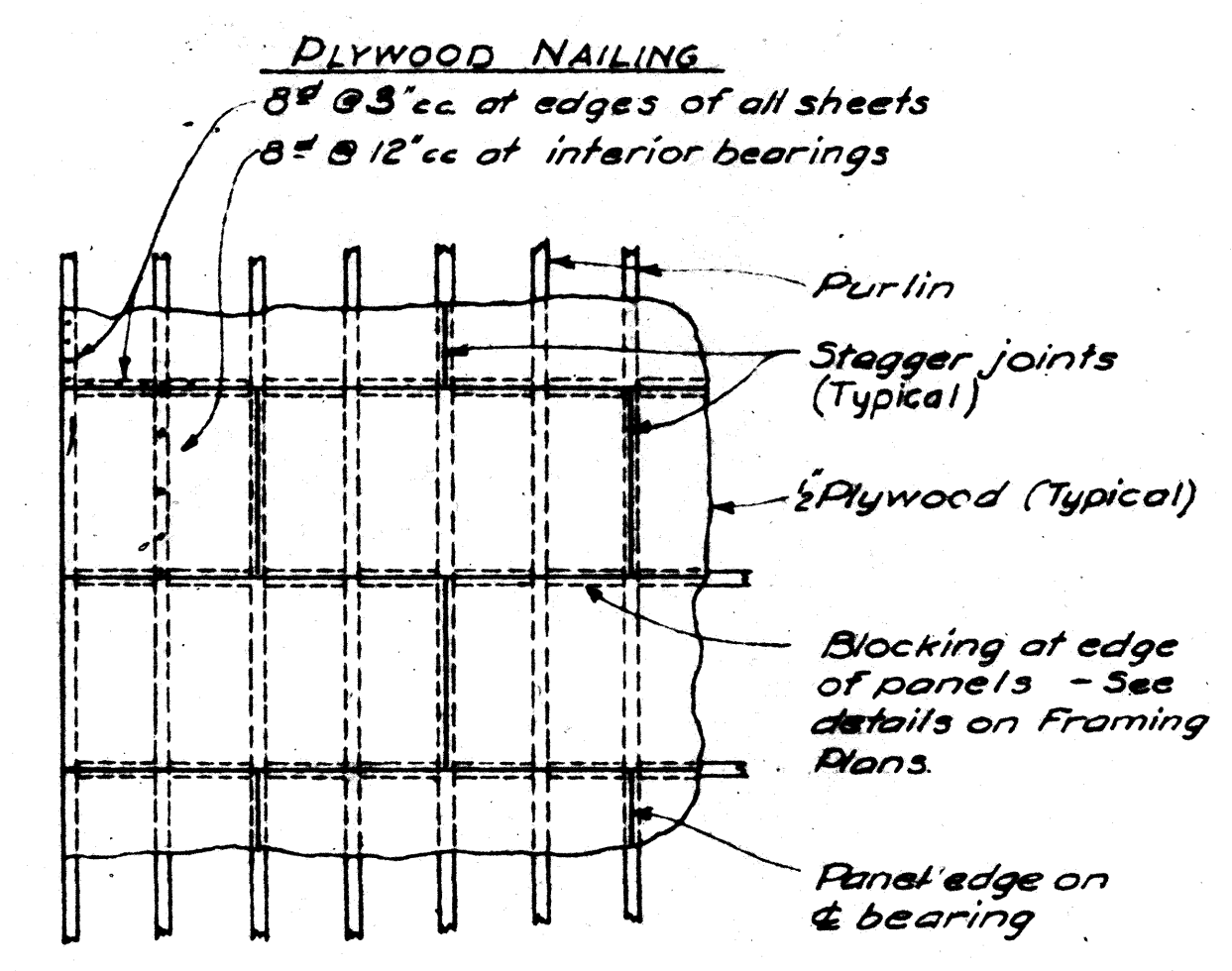


TYPICAL FRAMING AT OPENINGS



TYPICAL SPLICE UPPER PLATE

All Splices over bearings.



AT ROOF

ARCHITECT
DONALD L. HARDISON
HARRY B. CLAUSEN - S. RICHARD KOMATSU ASSOCIATE ARCHITECTS
160 BROADWAY
RICHMOND 2, CALIFORNIA
BEACON 4-1114

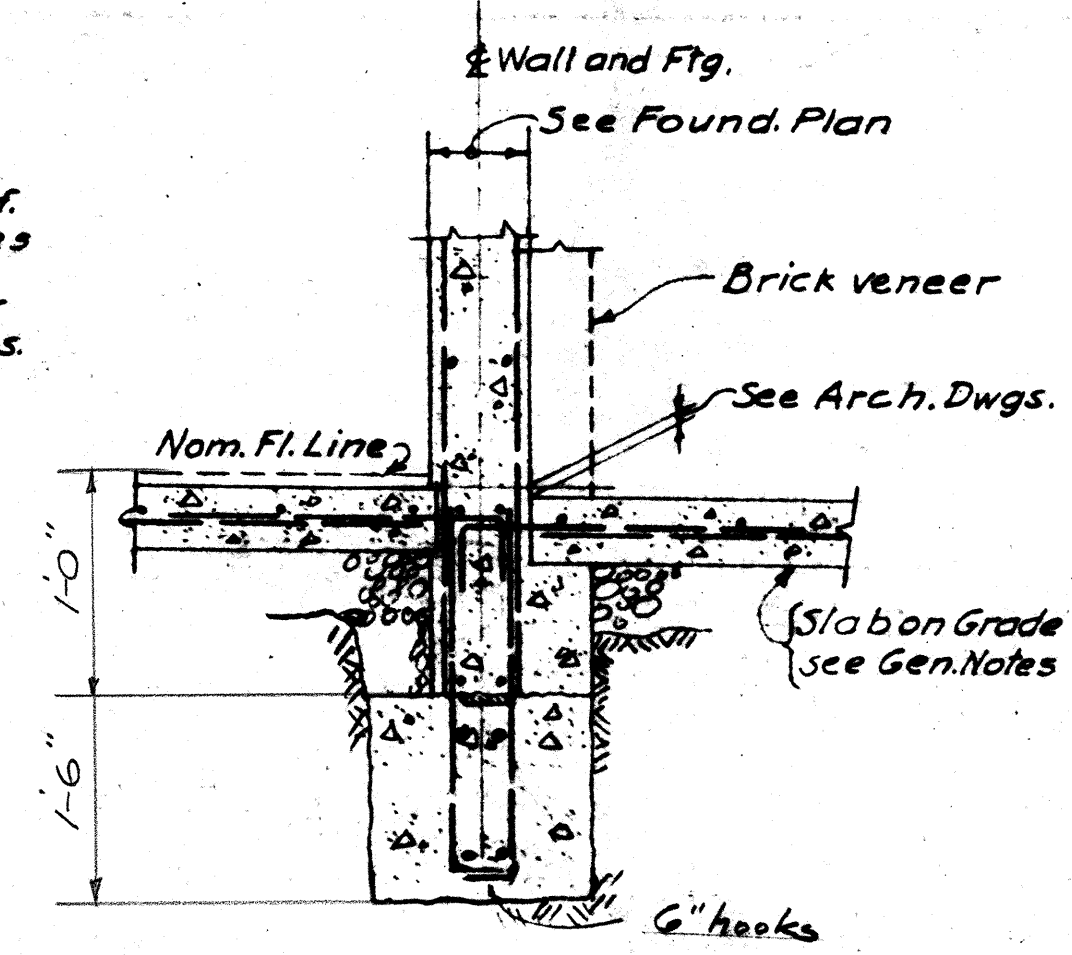
P.E. GROUP
CONTRA COSTA JUNIOR COLLEGE - EAST CAMPUS
CONTRA COSTA JUNIOR COLLEGE DISTRICT
GOLF LINK ROAD, CONTRA COSTA COUNTY, CALIFORNIA
NEAR PACHECO.

BOARD OF TRUSTEES
PRESIDENT
SECRETARY
ARCHITECT

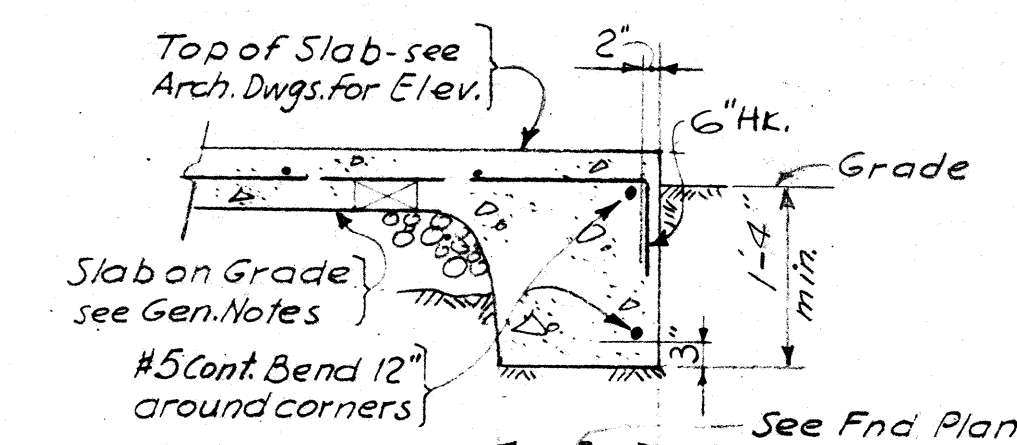
STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
14780
APPROVED AUG 28 1956
M. W. Seligman
REGISTERED ARCHITECT

GYMNASIUM
BLDG
GENERAL NOTES
& TYP. DETAILS

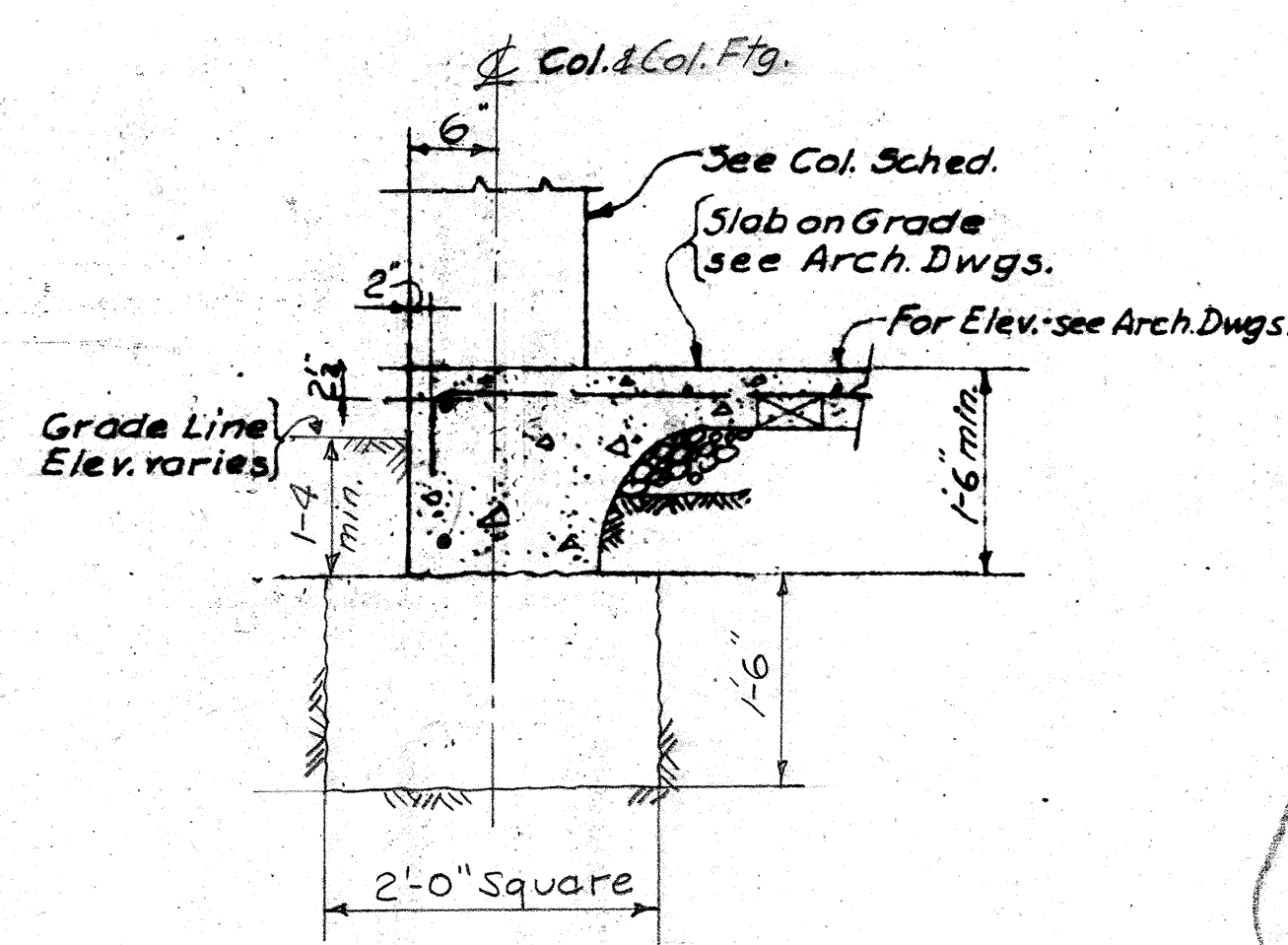
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JOB N° 55102
SHEET
S-3
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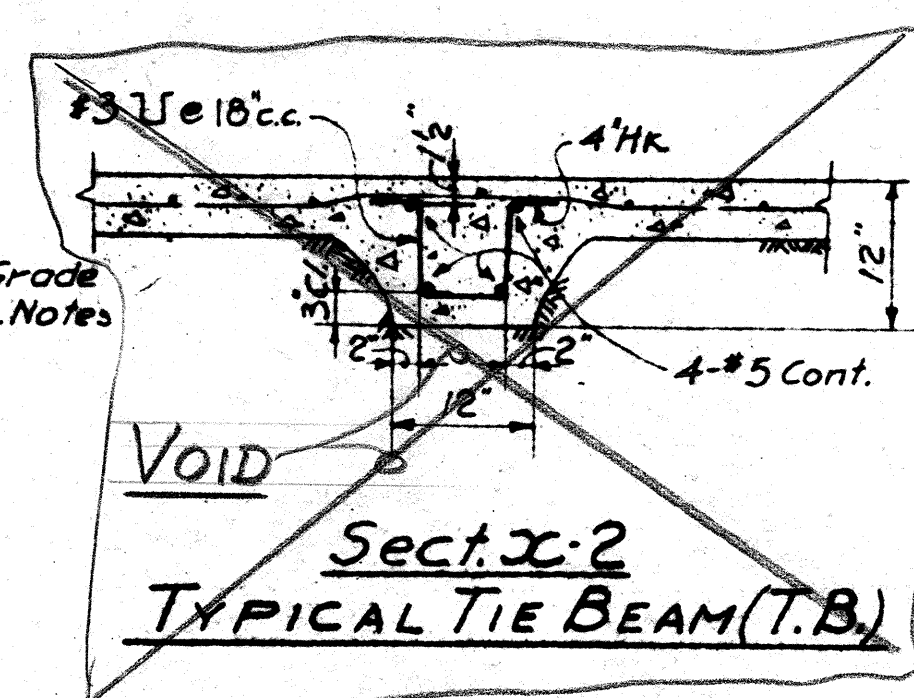
SECT. F5
Details not noted same as Sect. F4.



SECT. F10
TYPICAL AT CONC. WALK

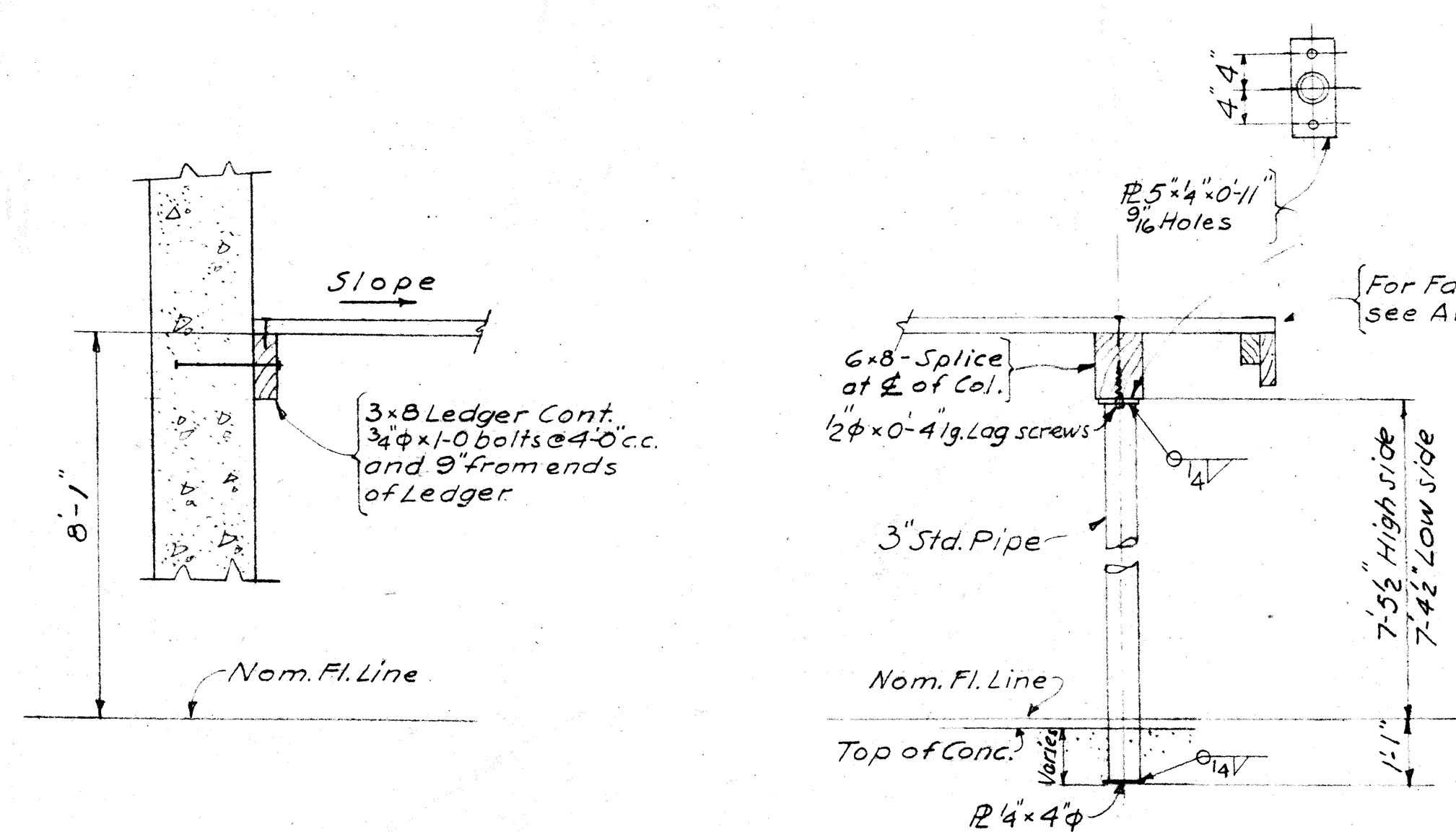


Sect. X-3
Details not noted same as Sect. F13

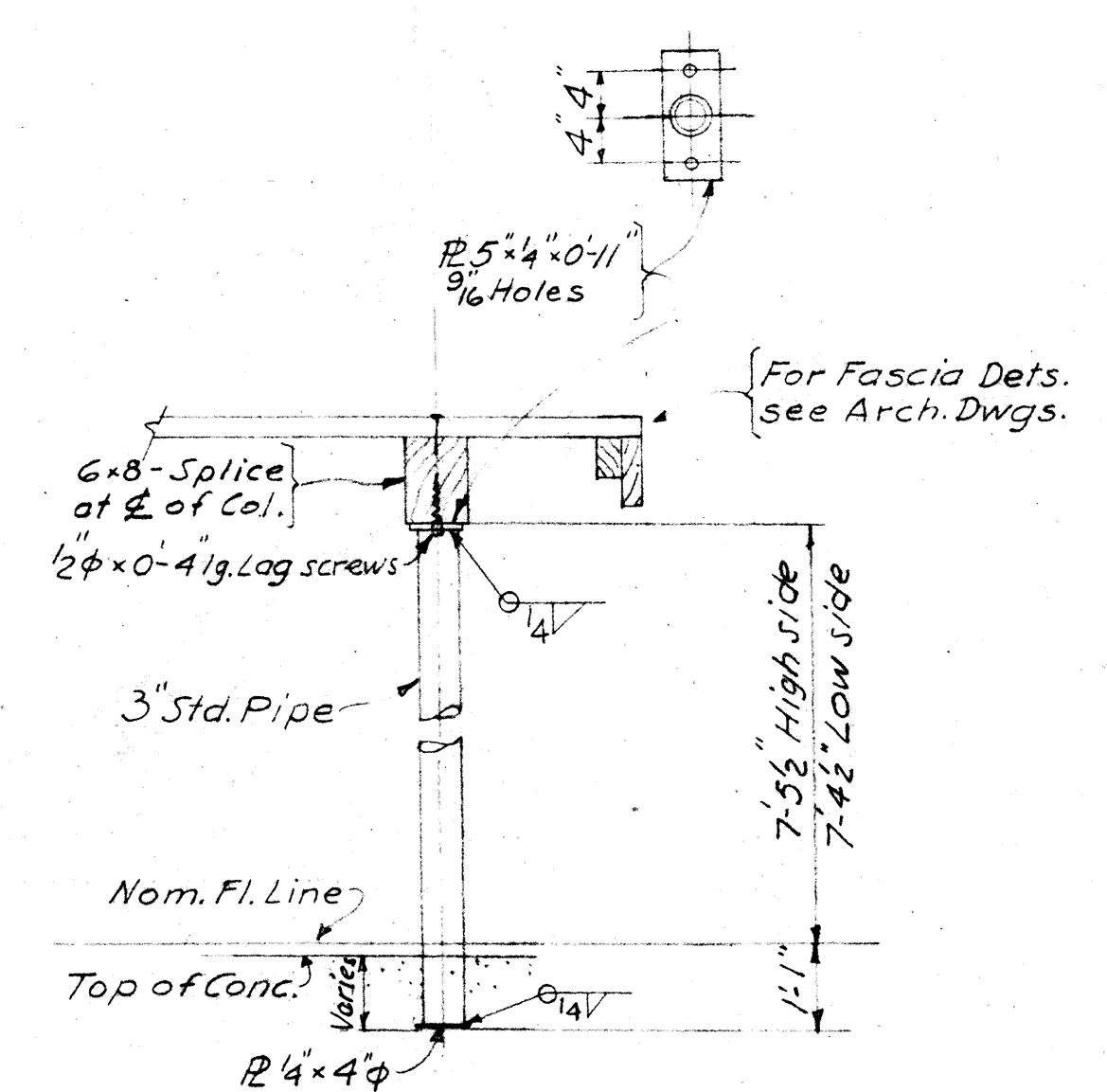


Sect. X-2
TYPICAL TIE BEAM (T.B.)

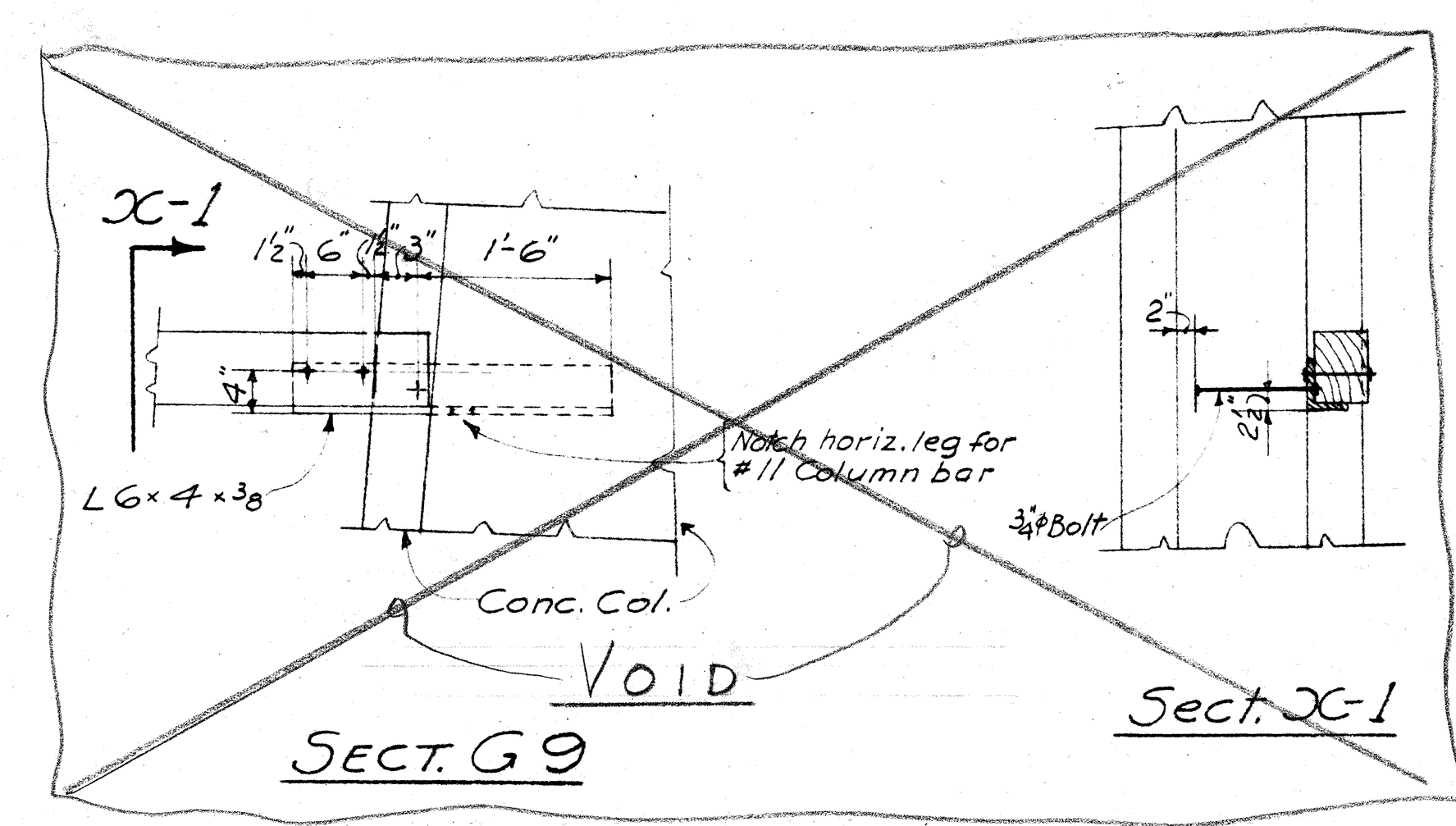
- Notes:
1. See General Notes Sh. 3-3
 2. The details on this sheet show structural features only. For details and dimensions not shown refer to Architectural Dwg's.
 3. Fill indications are symbolic. All Fill shall meet Specs. requirement.



SECT. G7

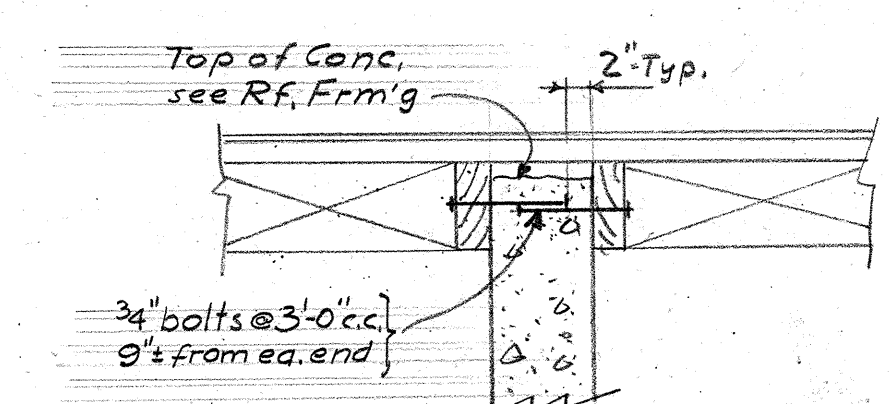


SECT. G8

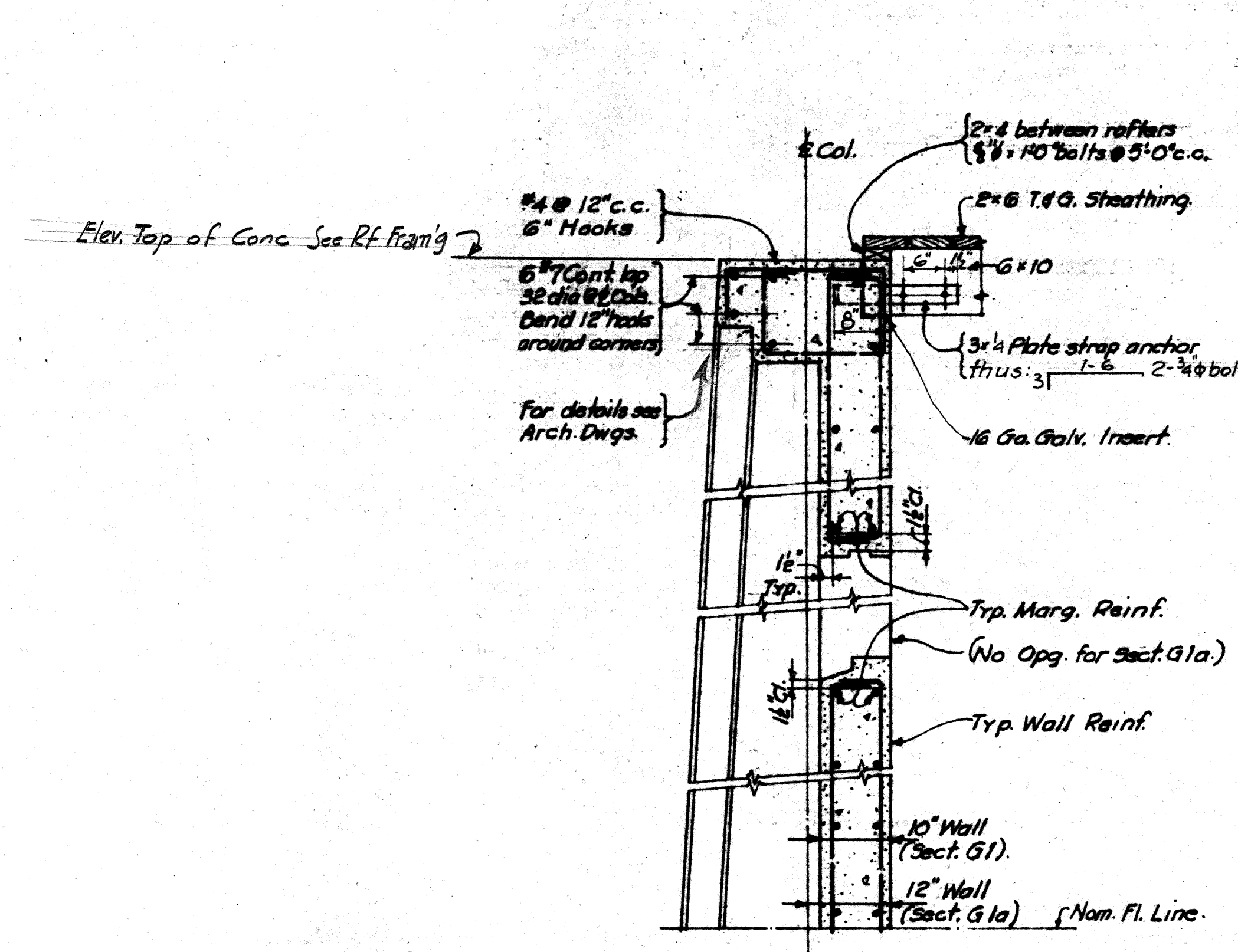


SECT. G9

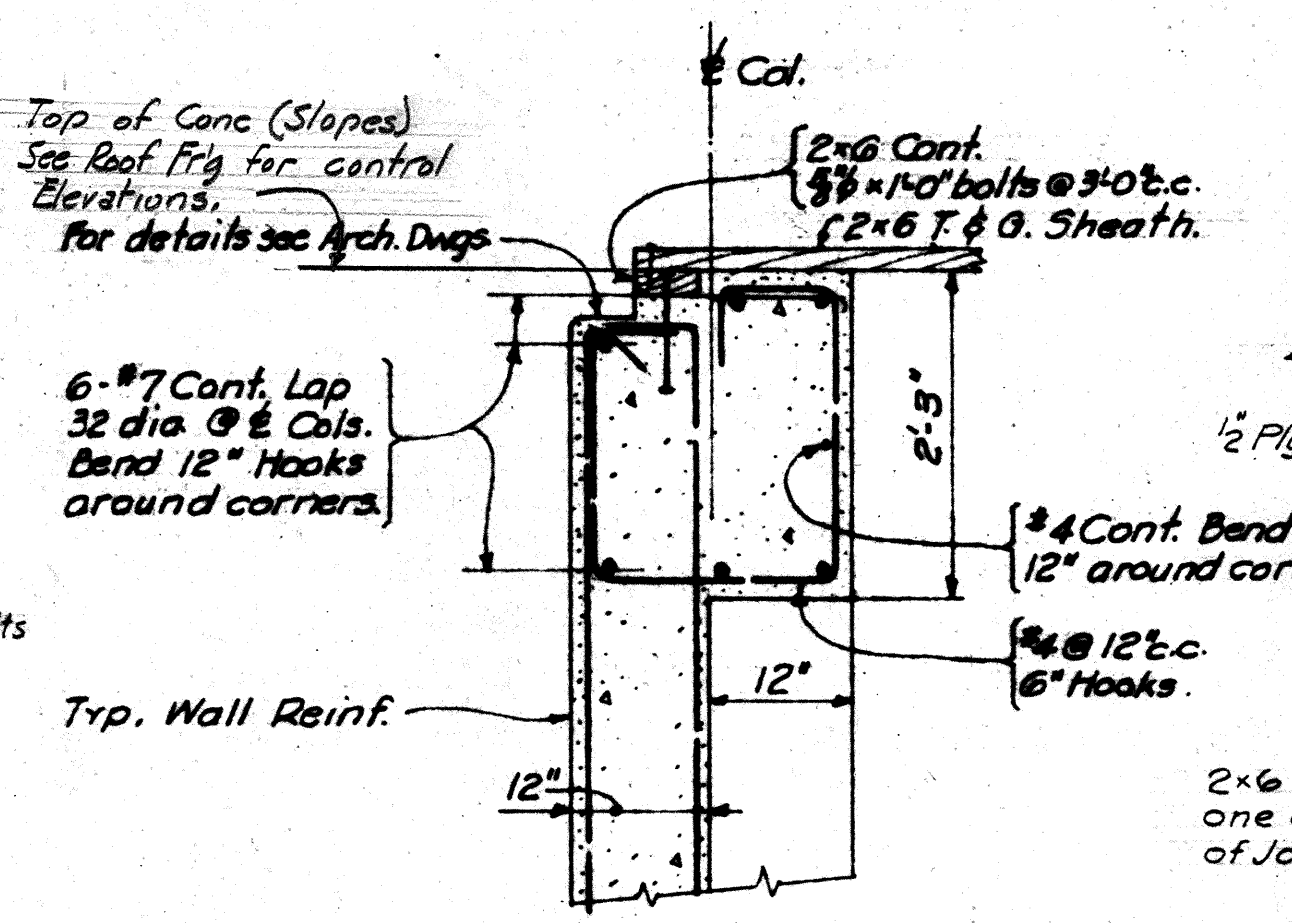
Sect. G9-1



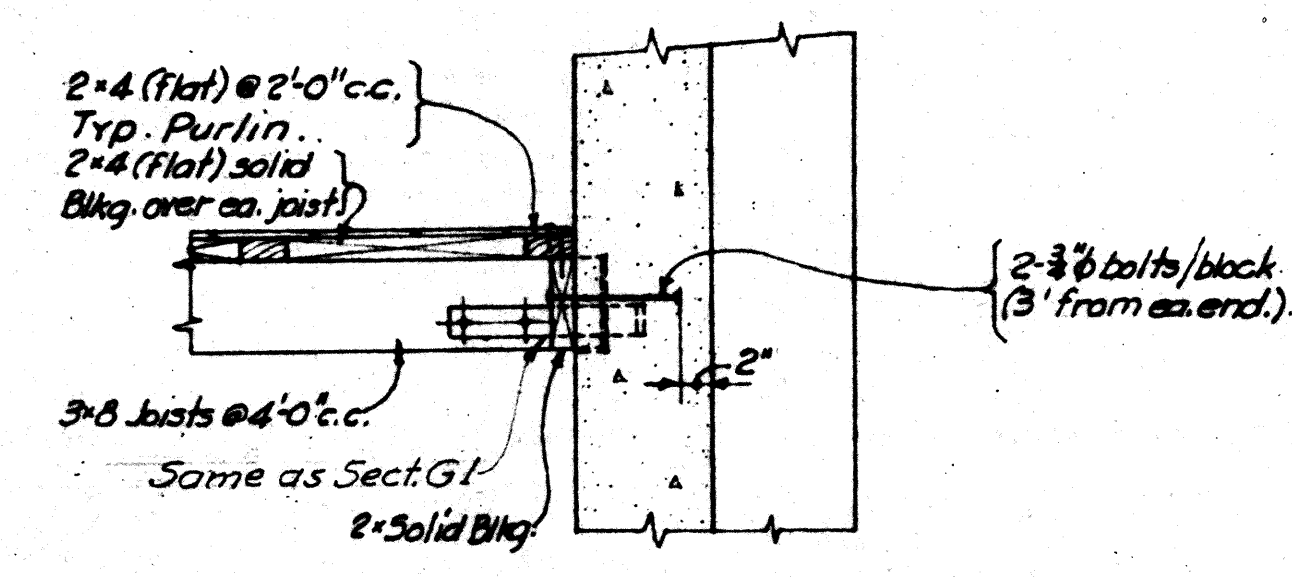
SECT. G10



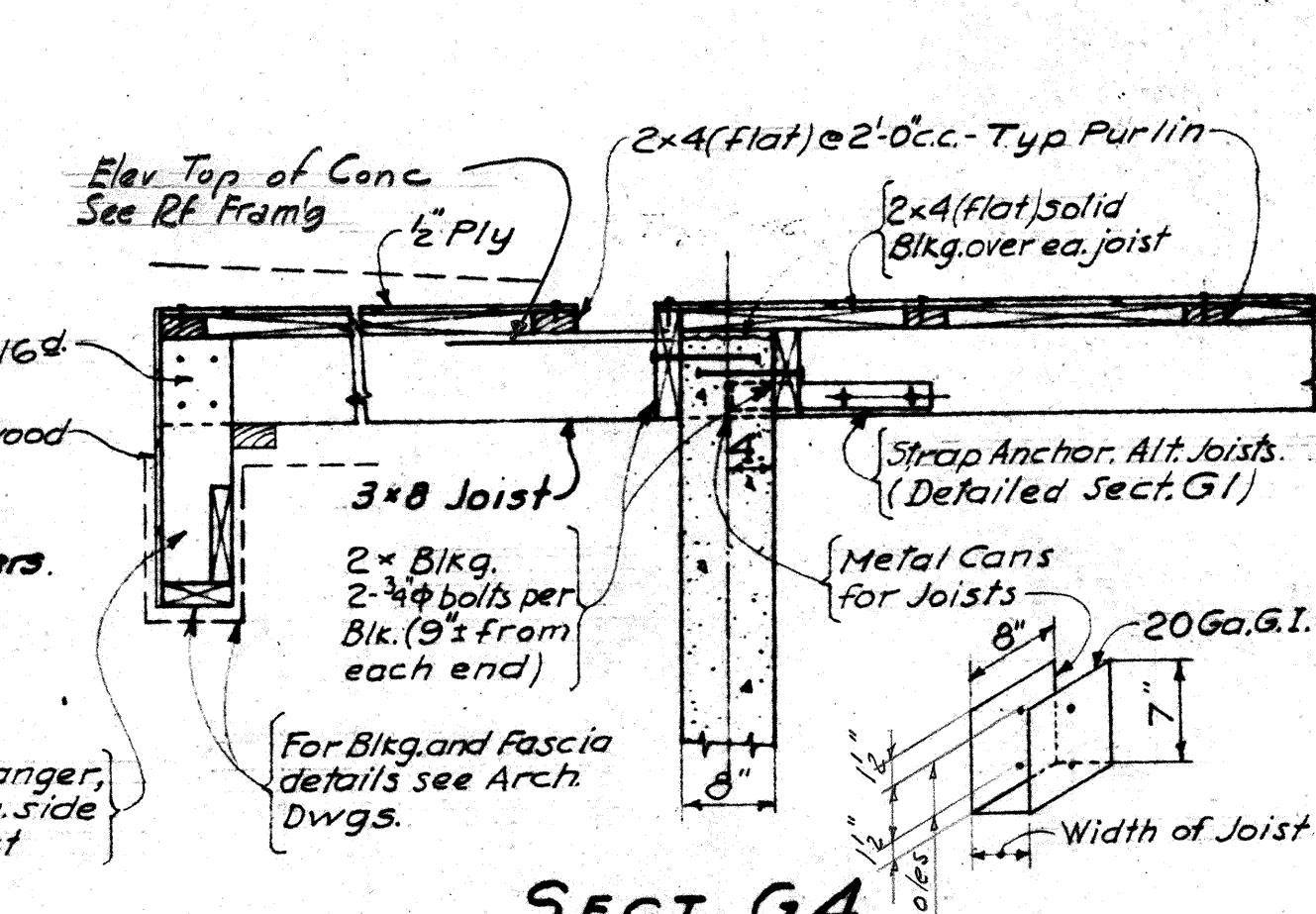
SECT. G1 - as shown.
SECT. G1a - as noted.



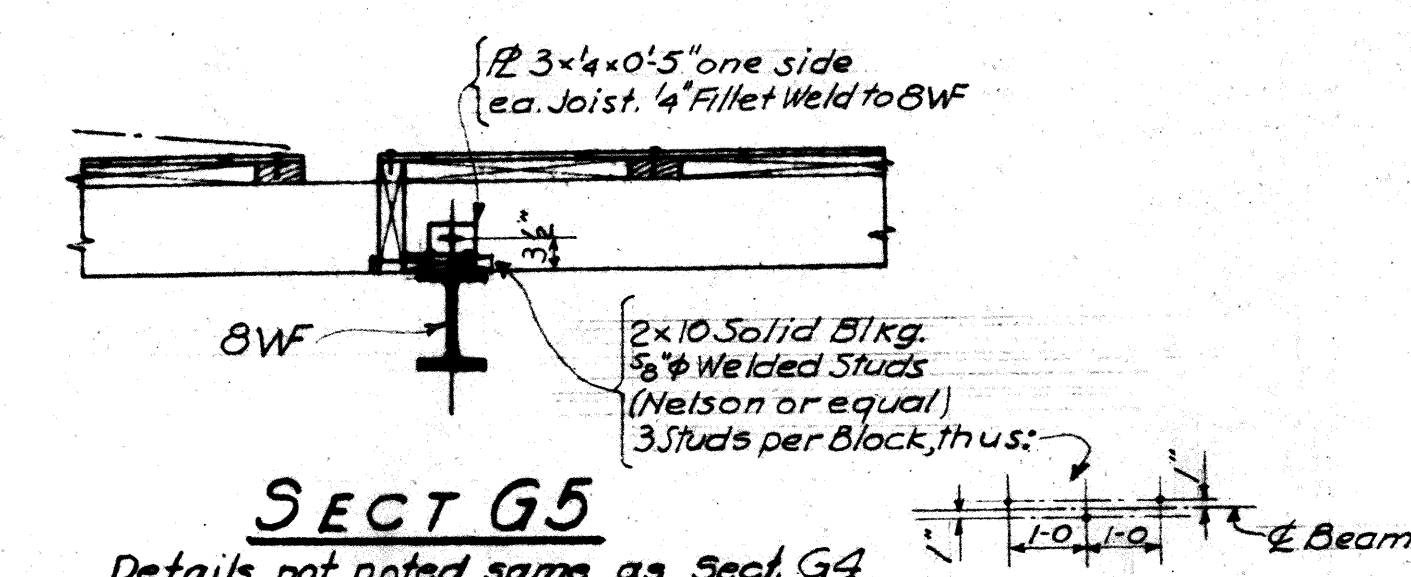
SECT. G2



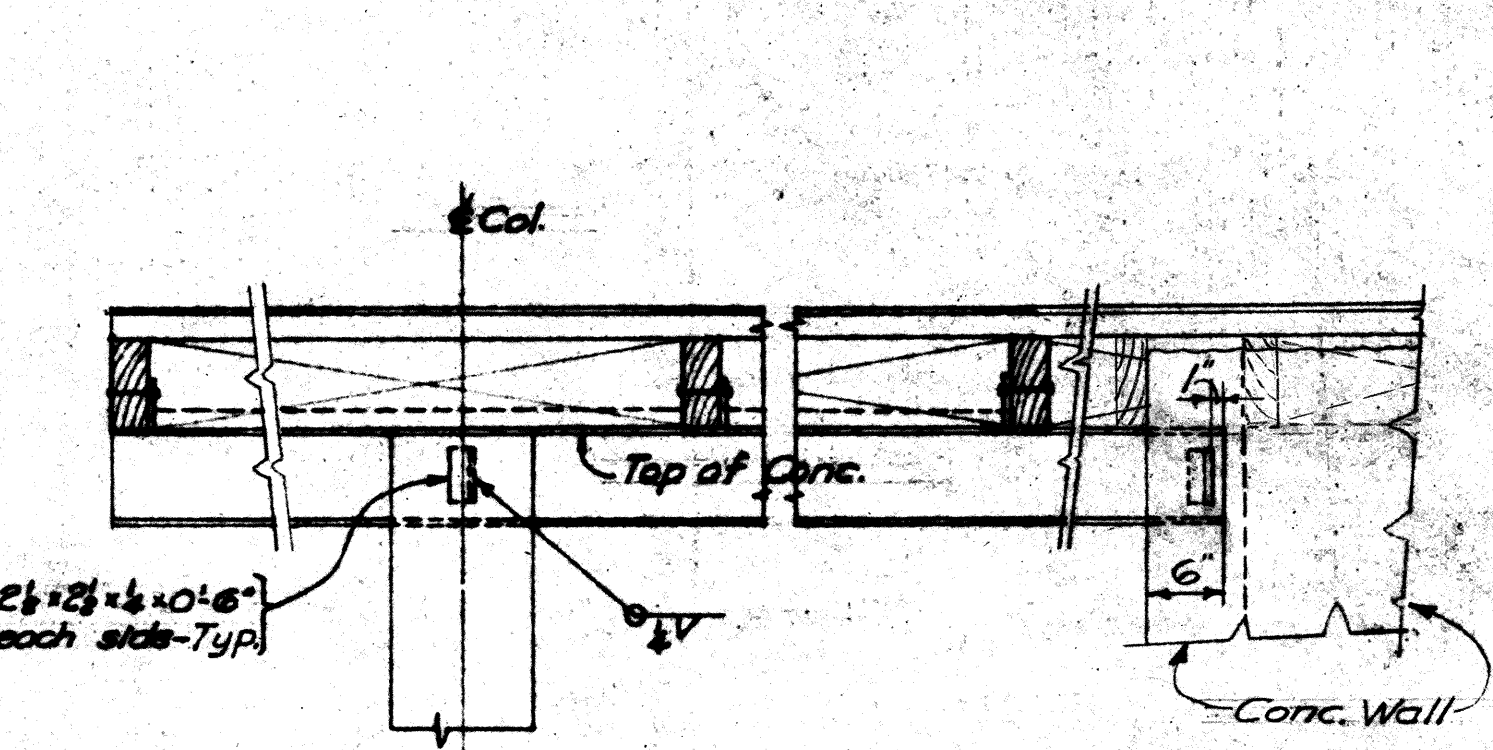
SECT. G3



SECT. G4



SECT. G5
Details not noted same as Sect. G4.



SECT. G6

- Notes:**
1. See General Notes, Sheet S-3
 2. Details on this sheet show structural features only. For details and dimensions not shown see Arch. and/or Mechanical Dwgs.
 3. For nailing not shown see General Notes.
 4. Unless otherwise noted for bolting wood nailers, plates to structural steel members. Use 3/4" welded studs (Nelson or equal) at 4'-0" c.c. and 7" from ends. Studs to be furnished & installed as part of the structural steel contract.
 5. Unless otherwise noted for bolting wood members to concrete or steel - use 3/4" bolts.

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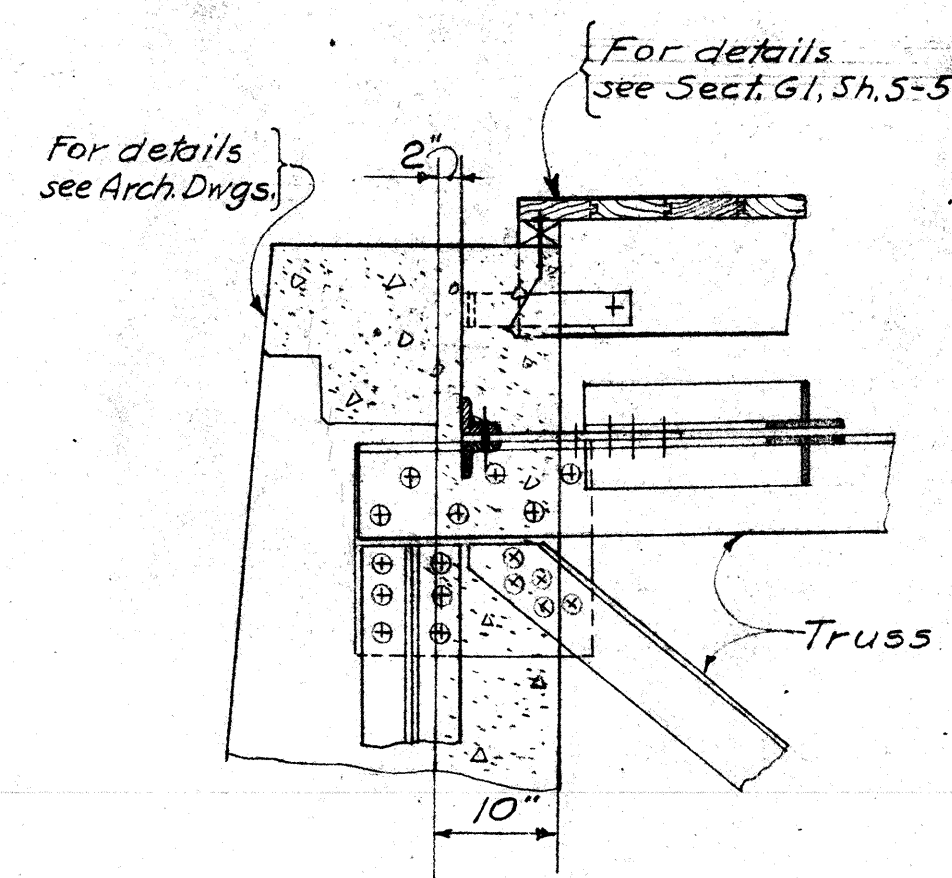
P.E. GROUP
CONTRA COSTA JUNIOR COLLEGE - EAST CAMPUS
CONTRA COSTA JUNIOR COLLEGE DISTRICT
GOLF LINK ROAD, CONTRA COSTA COUNTY, CALIFORNIA
NEAR PACHECO

BOARD OF TRUSTEES
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SECRETARY
ARCHITECT

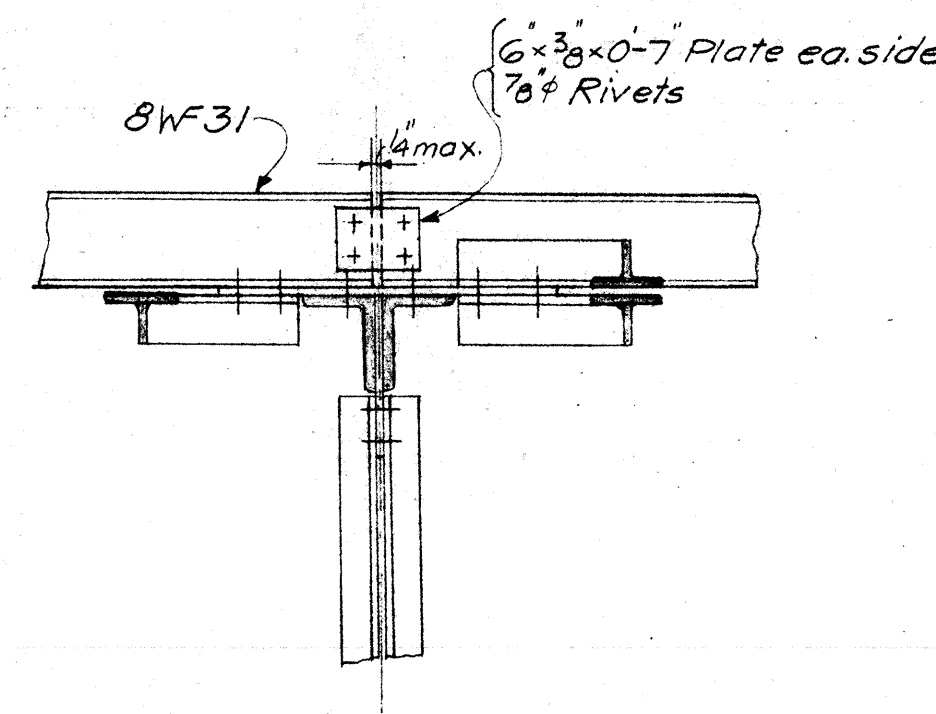
STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
14780
APPROVED AUG 28 1956
M. J. McCallum
REGISTERED ARCHITECT

GYMNASIUM
BLDG
STRUCTURAL
DETAILS

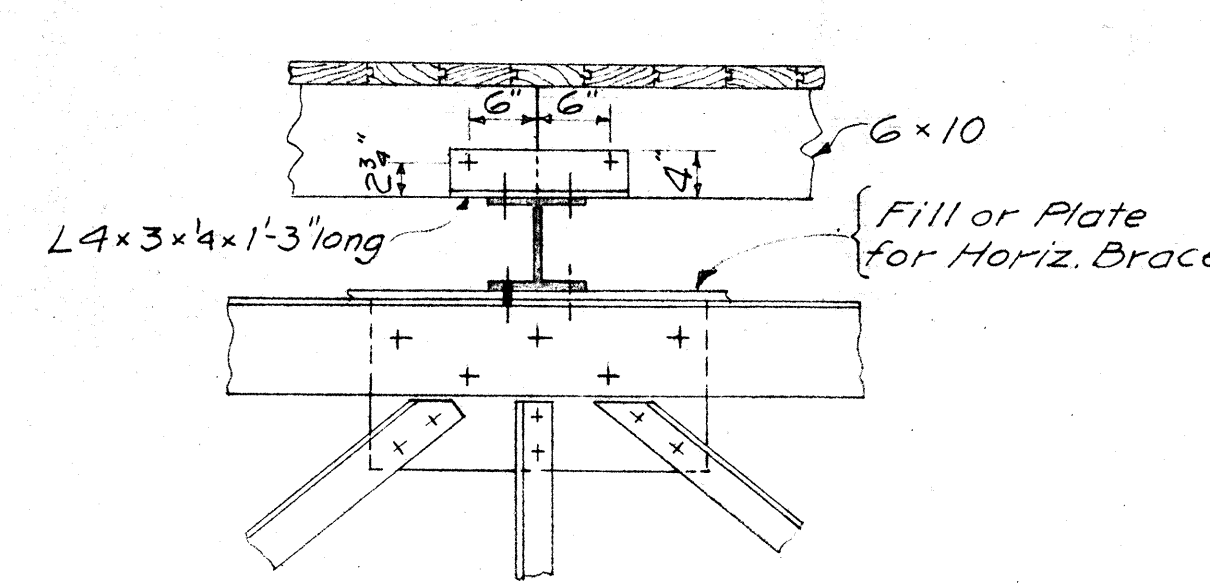
DATE: 5-21-1956
JOB NO: 55102
SHEET
S-5
OF 7



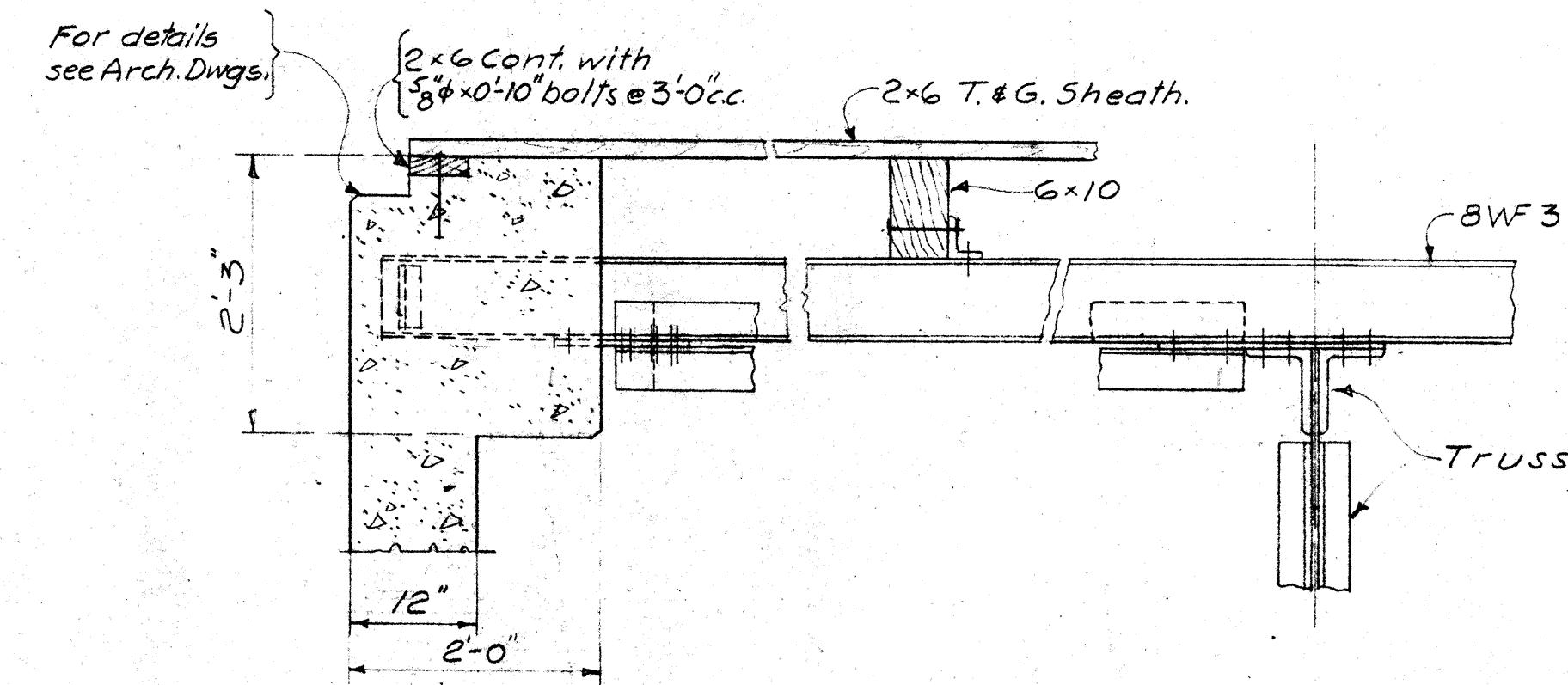
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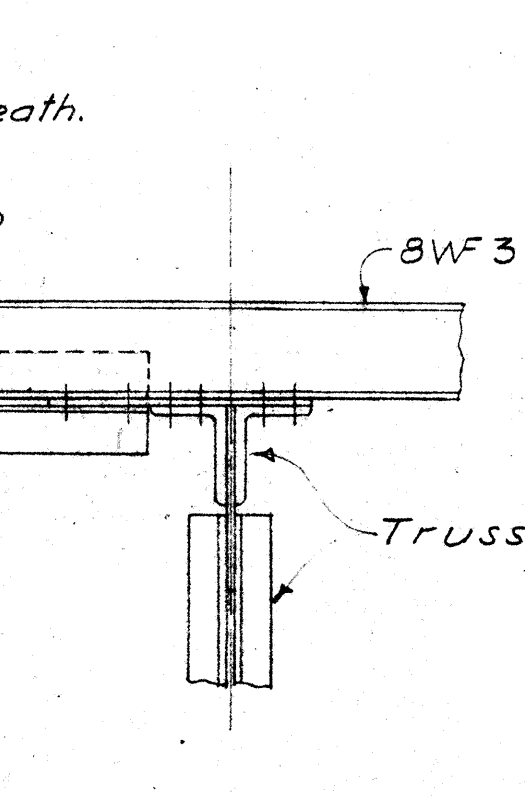
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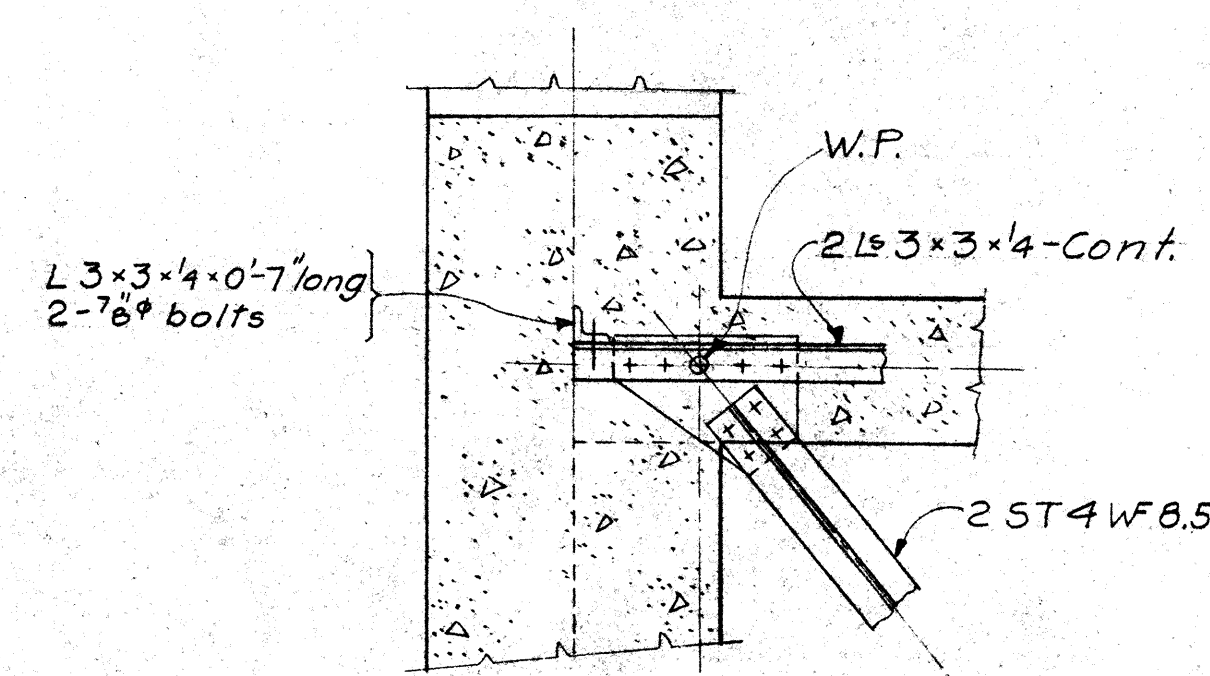
TYPICAL CONN. Gx10 RAFTERS



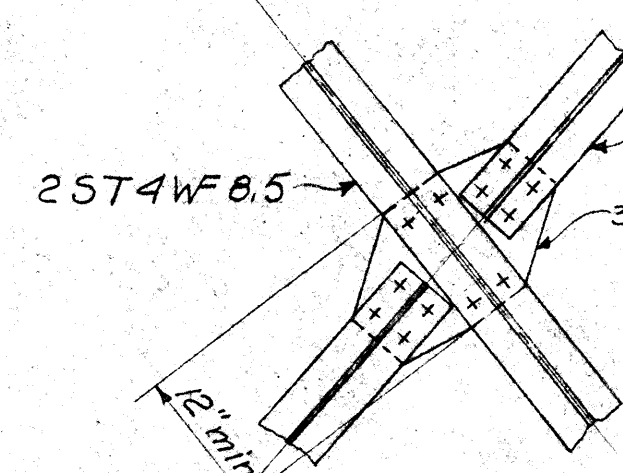
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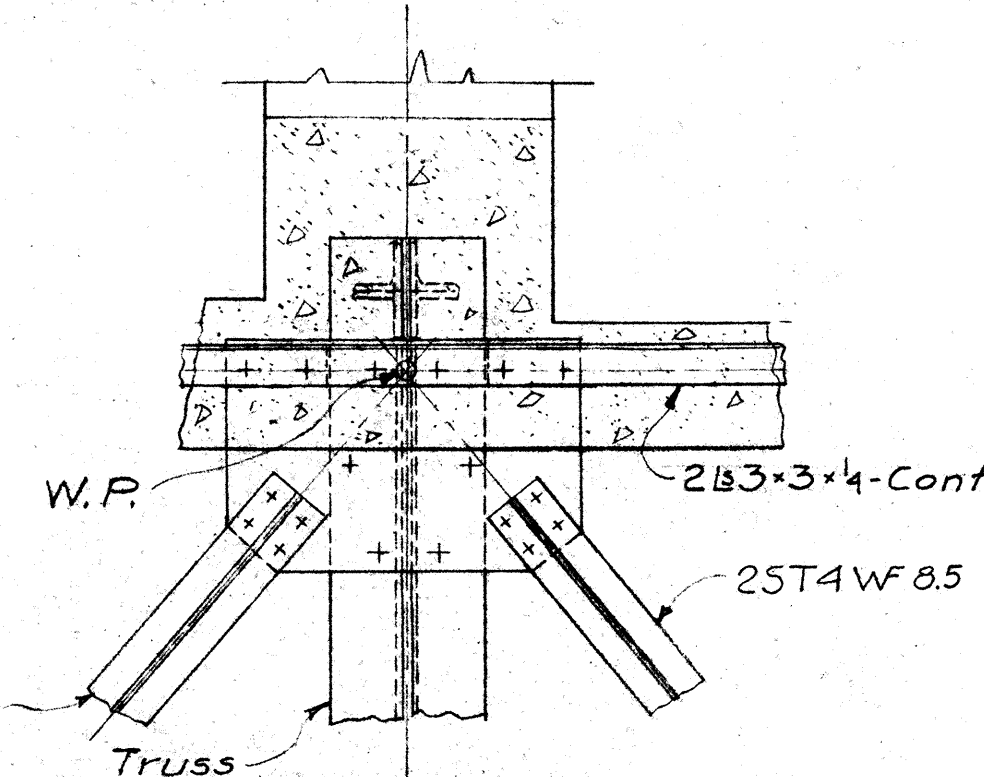
SECT. X-4



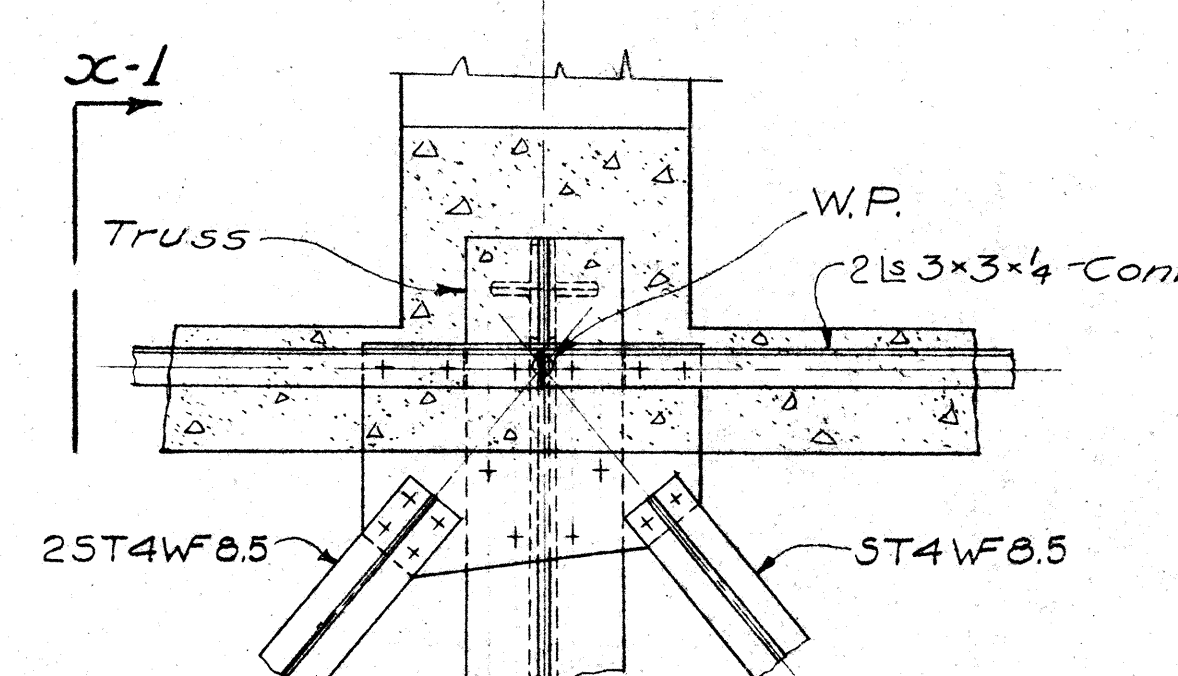
DET. A



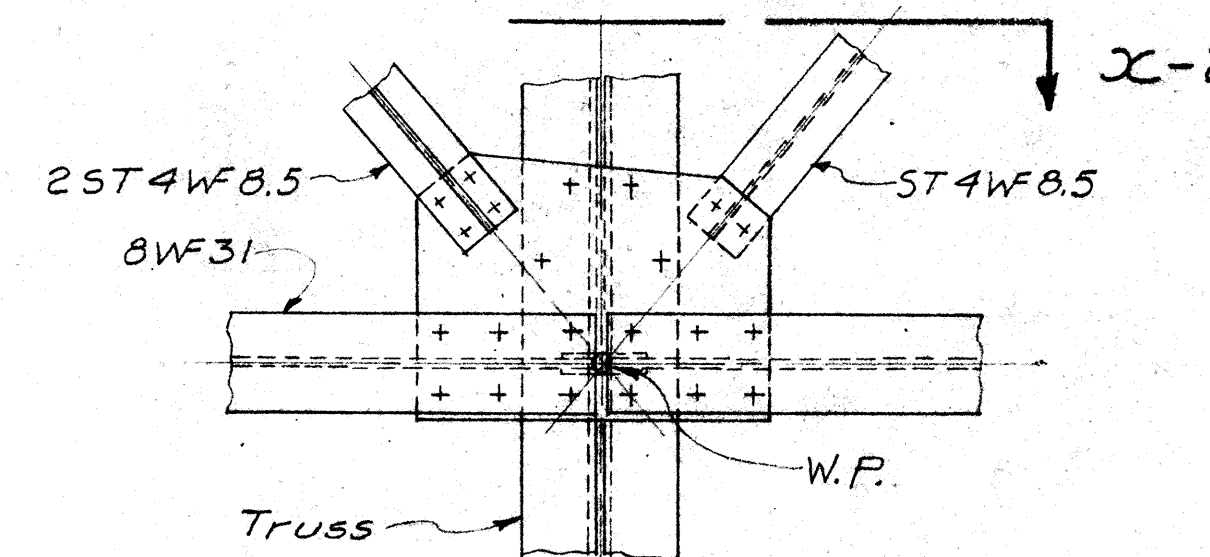
DET. H



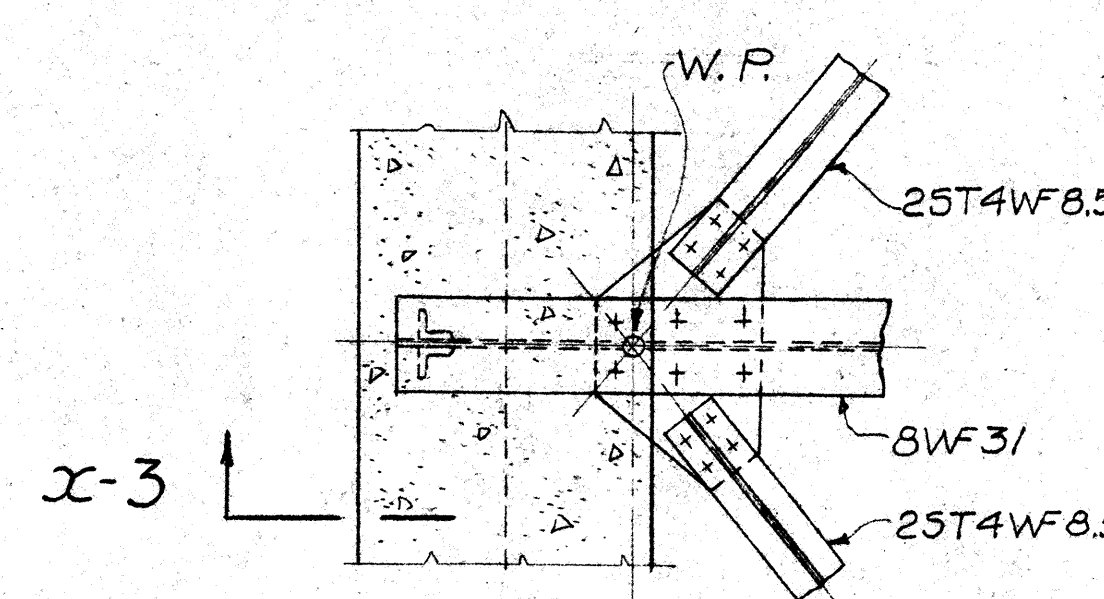
DET. B



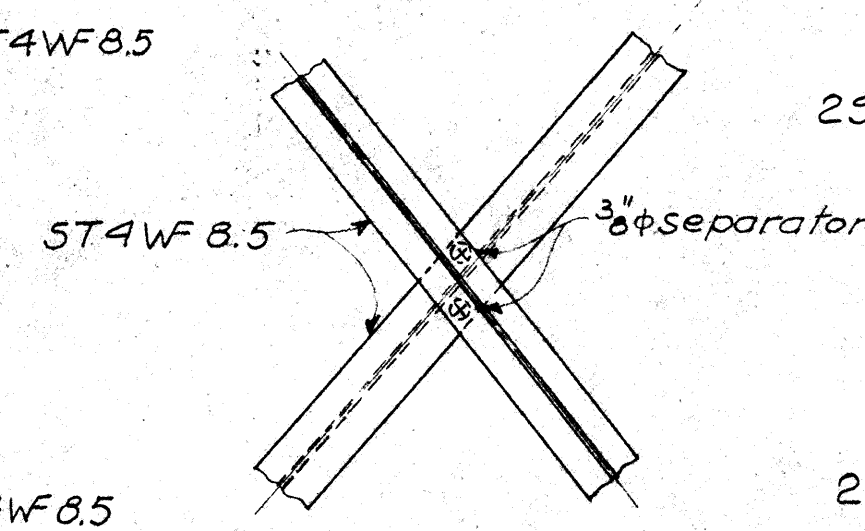
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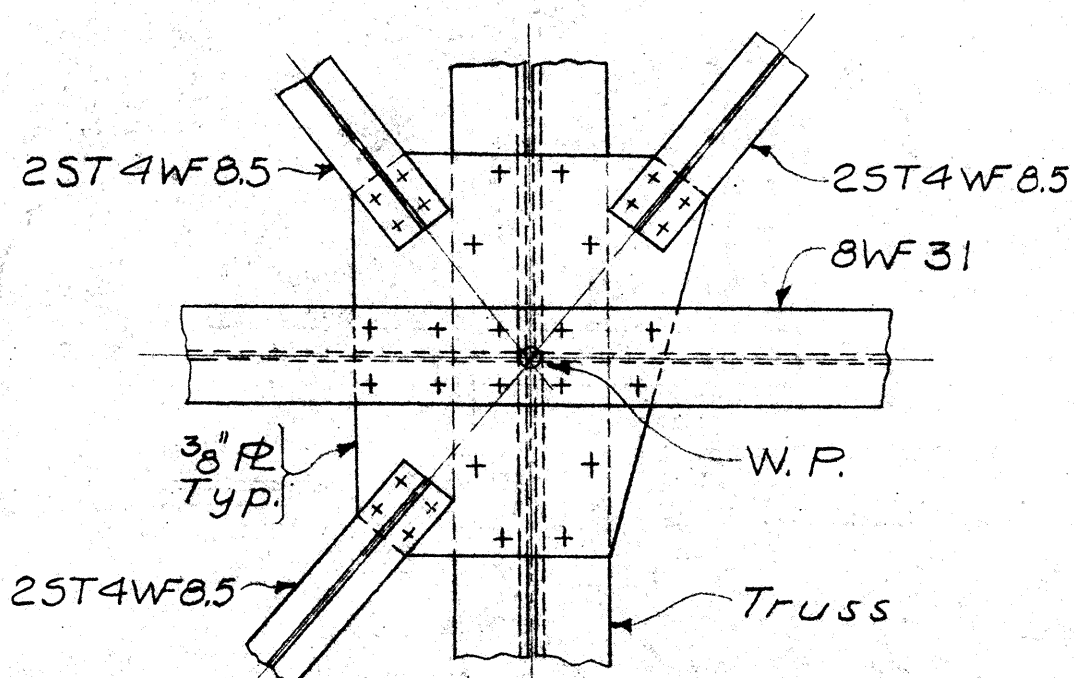
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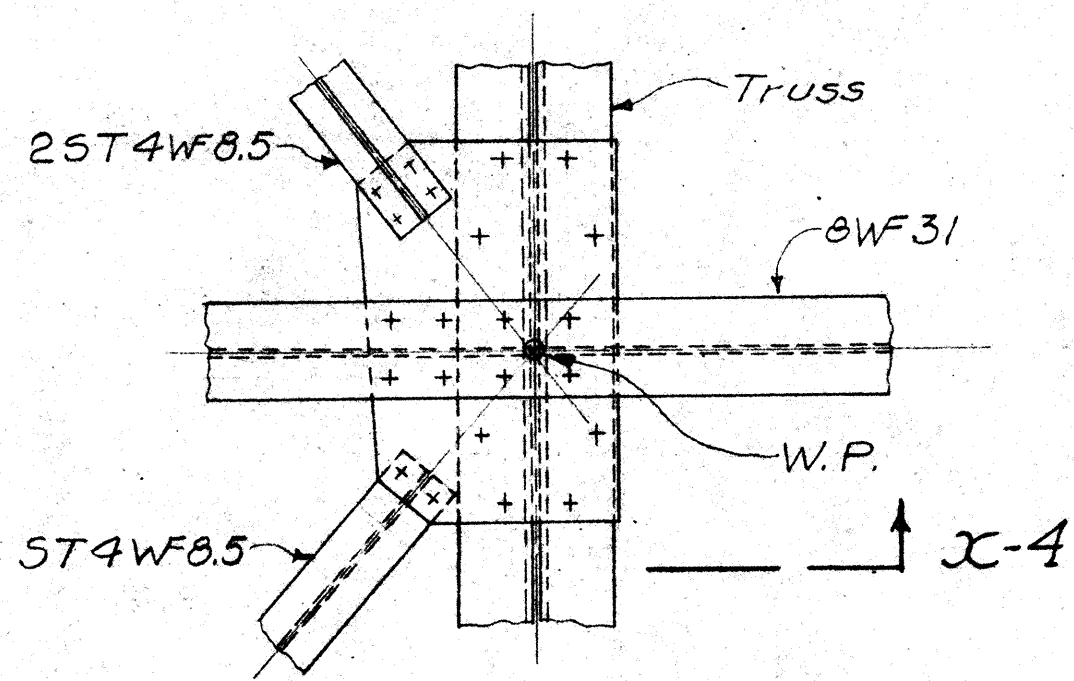
DET. D



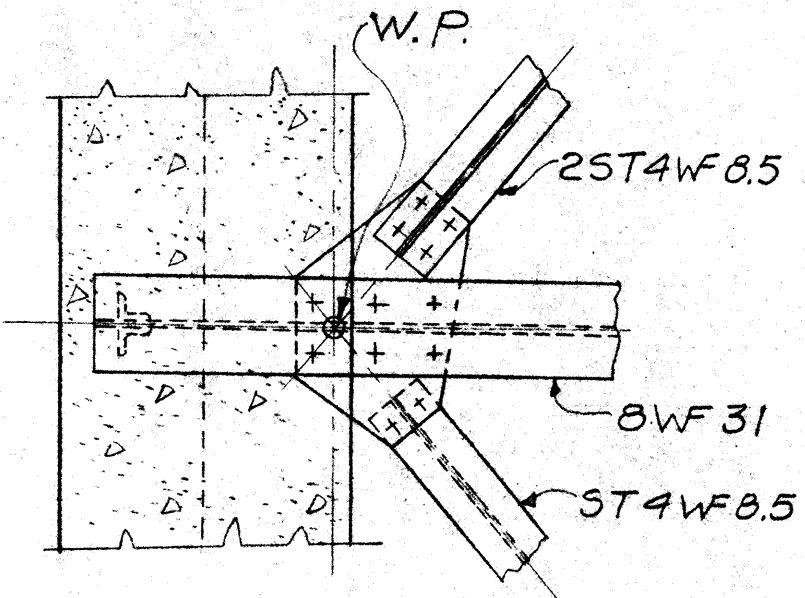
DET. K



DET. E



DET. J

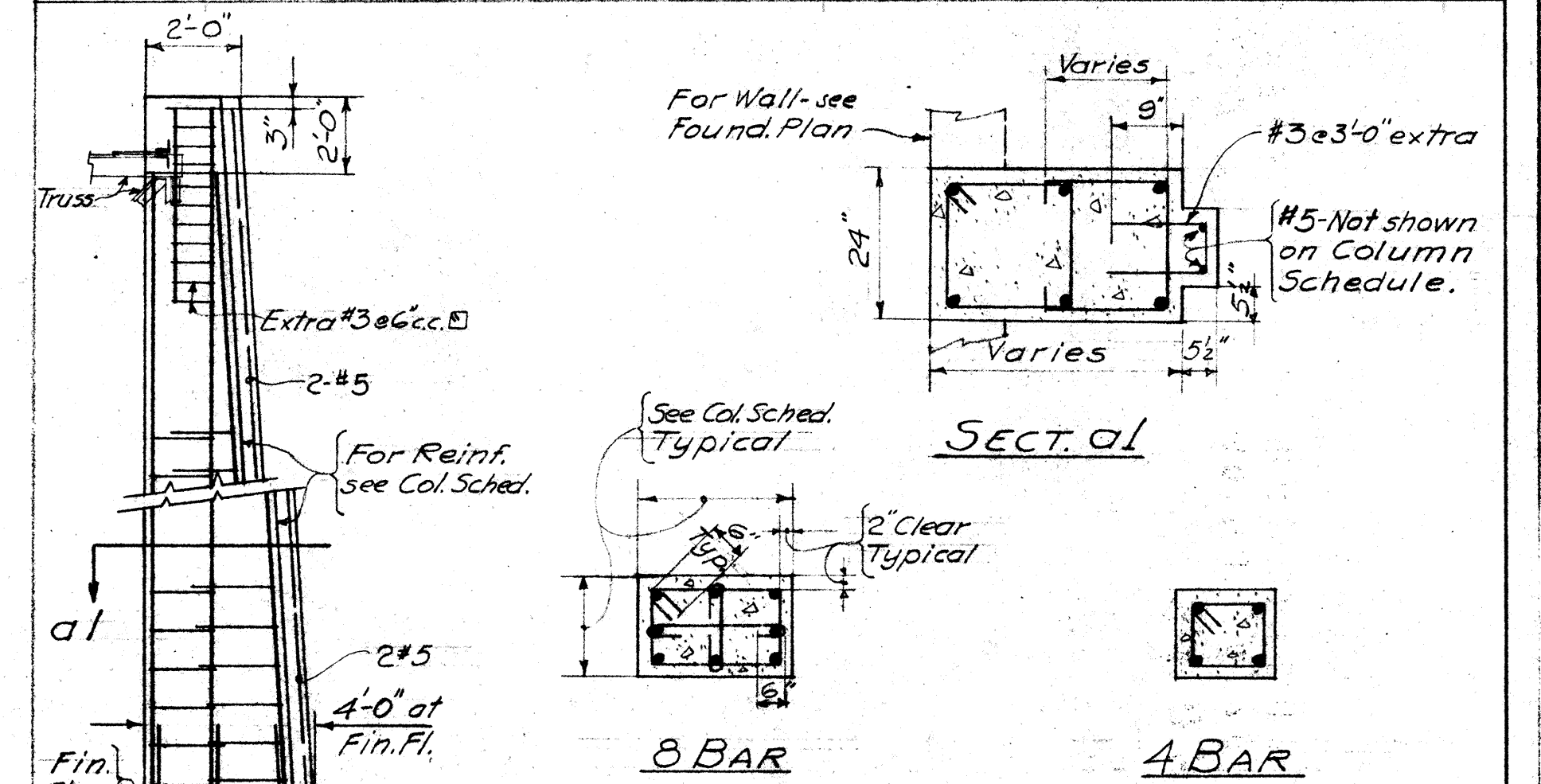
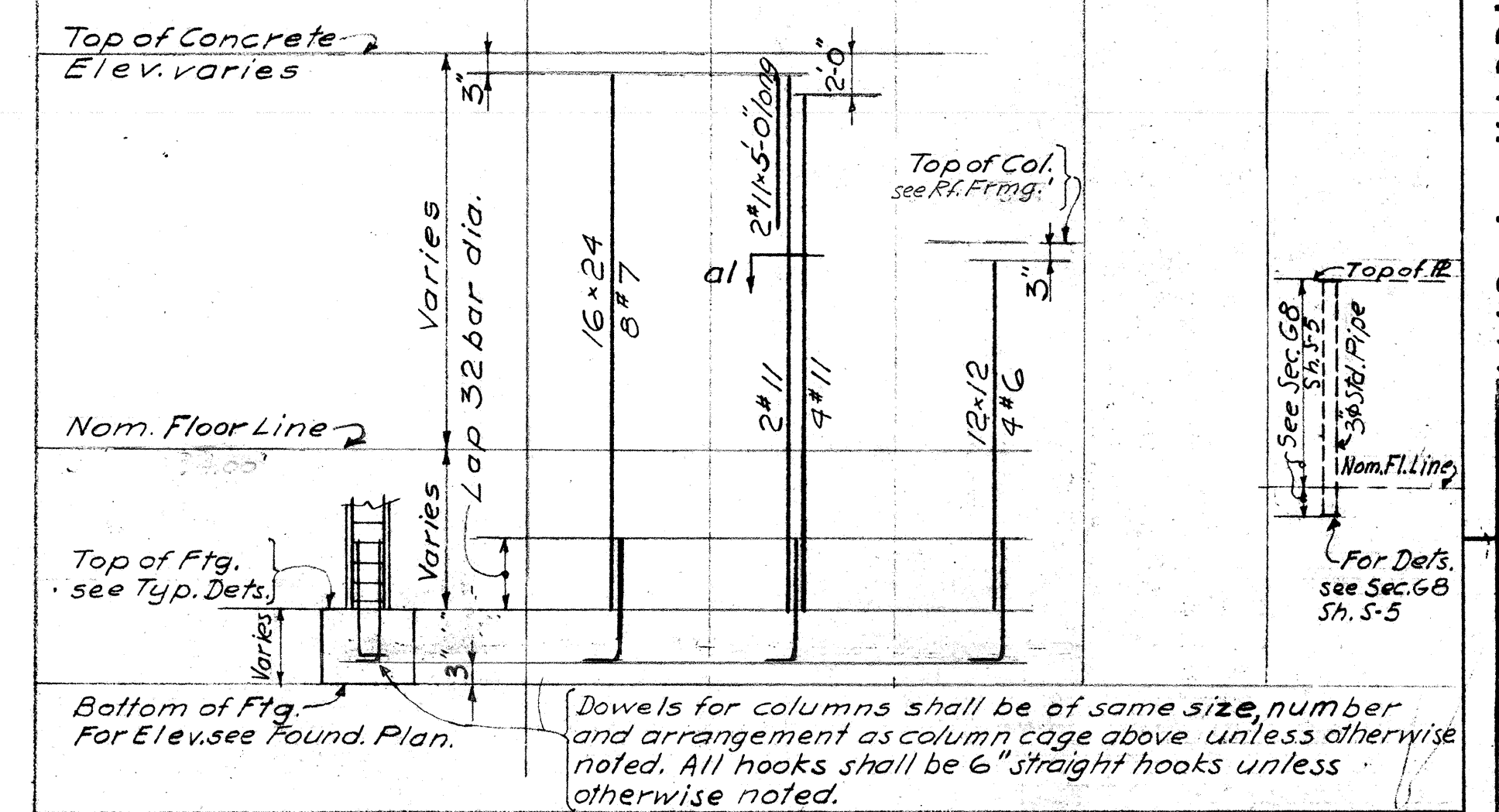


DET. G

- Notes:
1. See General Notes, Sheet 5-3
 2. Use 7/8" Rivets (7/8" holes) for all shop and field connections unless otherwise noted.
 3. All Gusset Plates for horizontal braces are 3/8" unless otherwise noted.
 4. For Brace members use stitch rivets @ 3 1/2" cc. Use 3/8" separators.
 5. Details, fabrication & erection shall conform to that specified in the A.I.S.C. specifications "Design, fabrication & Erection of Structural Steel for Buildings" - 5th Edition.
 6. Paint, - see Specifications.

COLUMN SCHEDULE

COLUMN NUMBERS	A	2, 3, 4, 5, 6, 7, 8, 9, 10, 11		
	B	2, 11		
	C	2, 11		
	E	2, 11		
	F	2, 11		
	G	2, 3, 4, 5, 6, 7, 8, 9, 10, 11		
	10 TOTAL See Plans for location.			



TYPICAL COLUMN REINFORCEMENT DETAILS.

1. See General Notes, Sheet 5-3
2. See Column Schedule for dimensions and vertical reinforcement.
3. Unless otherwise noted, lap all vertical reinforcement 32 diameters at splices.
4. Columns are banded columns. Unless otherwise noted all bands shall be #3 @ 9" cc. Bands shall extend from top of footing to 6" below top of column.
5. For column orientation see Found. Plan.
6. For size and location of walls framing into columns refer to Plans.

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STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS
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GYMNASIUM
BLDG
COLUMN
SCHEDULE &
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DETAILS

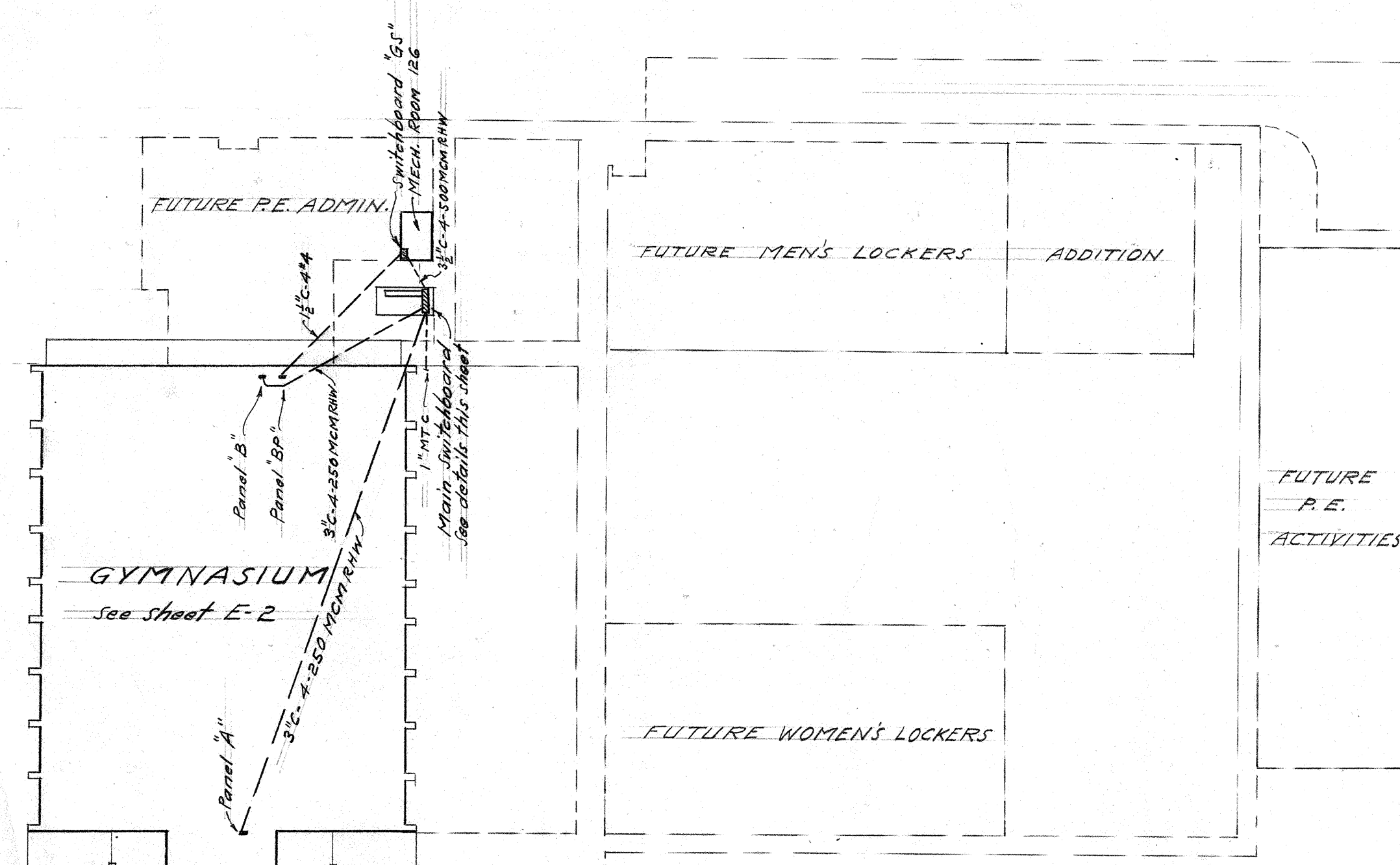
DATE: 5-21-1956
JOB NO: 55102
SHEET
S-7
OF 7

- ① Ceiling lighting outlet.
- ② Bracket lighting outlet.
- ③ Duplex convenience receptacle + 1'-6".
- ④ Fan hanger outlet for decorative lighting.
- ⑤ 20A-3P receptacle 120V + 1'-6".
- ⑥ Thermostat outlet + 5'-0".
- ⑦ Floor box with device noted.
- ⑧ Motor outlet.
- ⑨ Motor starter
- ⑩ Motor disconnect switch.
- ⑪ Thermal protection switch 14.4M "20210-V + 5'-0".
- ⑫ Thermal protection switch 14.4M "20211-V 2 pilot light up 5'-0"
- ⑬ Single-pole switch + 4'-0" letter denotes outlet controlled.
- ⑭ Three-way switch + 4'-0"
- ⑮ Key-operated switch + 5'-0"
- ⑯ Clock and buzzer + 6'-0" outlet only
- ⑰ Program bell outlet ⑱ Yard gang outlet.
- ⑲ Special outlet as described.

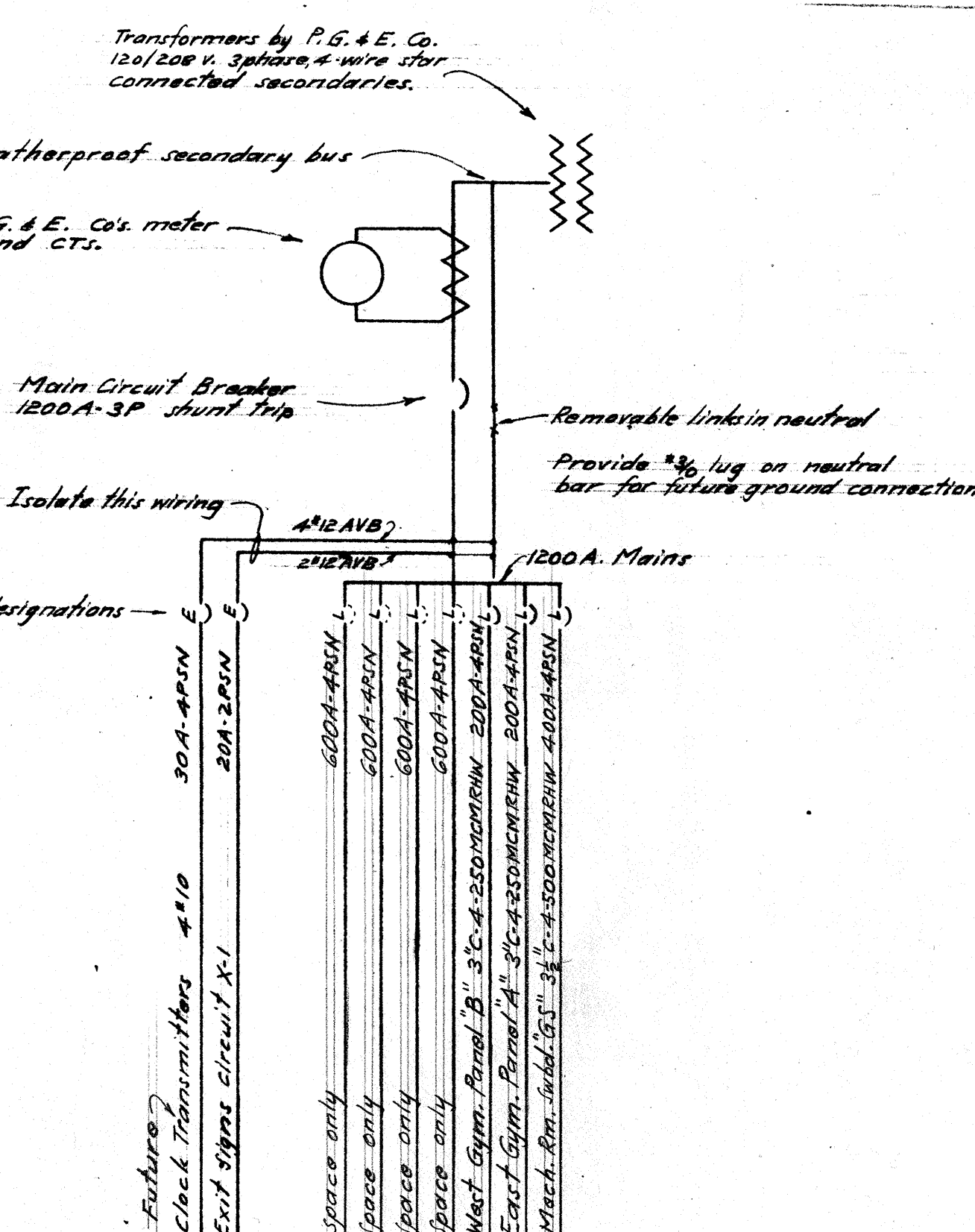
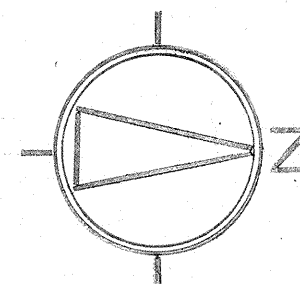
1. Cross marks on conduit runs indicate the number of #12 wires in the run. Conduit runs without cross marks shall be 2 #12 wires in a 1" conduit unless otherwise noted or indicated. $\frac{10}{10}$ indicates 4 wires in 1 1/2" conduit.
2. All work shall conform to Sections 613, 617, 719 and 1102.9, Title 21 of the State of California Administrative Code.
3. Exit signs shall have two 15 watt lamps each on the same 32 volt circuit connected to a transformer and a standby battery by means of an automatic transfer switch in accordance with U.B.C. 3312 (c). (See diagram, sheet E-2)
4. All lighting fixtures shall be hung earthquake proof as per paragraph 2.427 (h), Title B. (As revised 2-19-55) See Note "B" below.
5. Where ceiling tile occurs the lighting fixtures or outlets shall be located as instructed by the Architect.
6. Mounting heights indicated +8"-0" denote the height of centerline of equipment or device above the finished floor.
7. Locks on doors of switchboards, panelboards, terminal cabinets, etc, shall be keyed alike and the same as existing cabinets.
8. Ring-type fixtures with hooks shall have the hooks twisted closed. Pendant fixtures shall be hung to swing horizontally in any direction 15° from the vertical.

- ▷ P.T. & I. Co. telephone outlet + i-6"
- ⊗ Exit sign with two 15 watt lamps
 - Conduct rise or drop as indicated.
 - Conduct, size as noted.
- mrc Conduct without wires, size as noted.
- ⚡ Fire alarm horn. Outlet only.
- ⌈ Fire alarm break/glass station + 5'-6" Outlet only.
- A-6 Circuit tag. Circuit No. 6 on panel A
- (A) 750 Fixture tag. Number denotes lamp wattage.

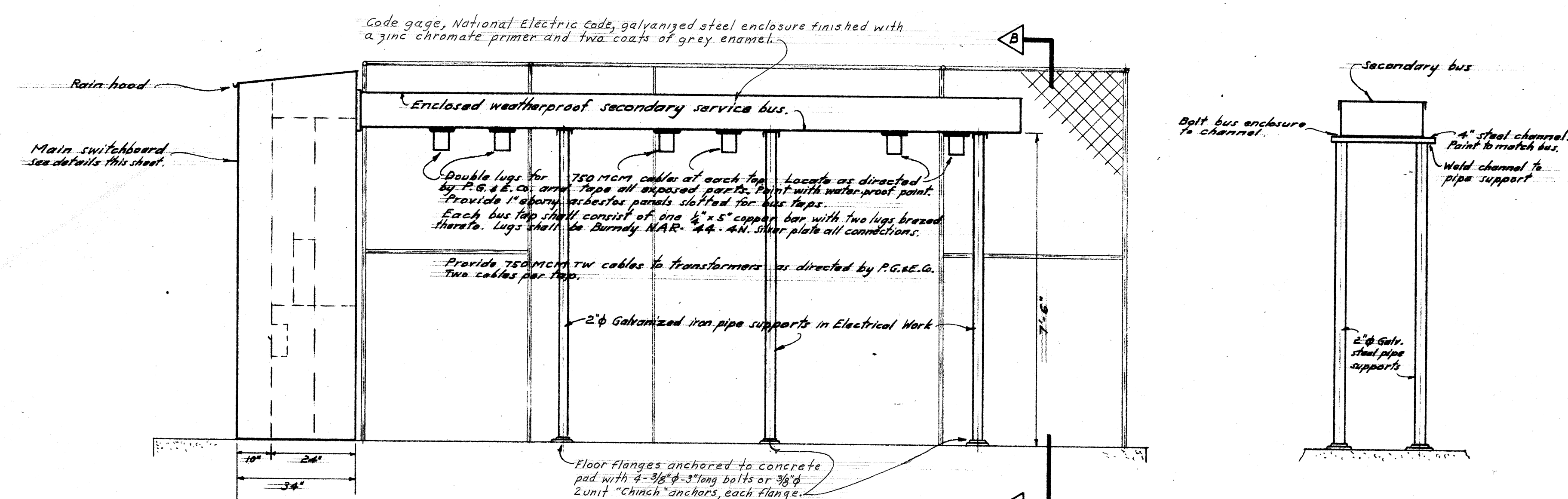
- Gym ceiling speaker.
- Light and power conduit concealed above ceiling.
- Light and power conduit concealed below floor.
- Telephone conduit concealed above ceiling. Same for sound system.
- Telephone conduit concealed below floor. Same for sound system.
- Signal system conduit concealed above ceiling.
- Signal system conduit concealed above ceiling.
- Fire alarm system conduit concealed above ceiling.
- Fire alarm system conduit concealed below floor.



PLOT PLAN
Scale: 1" = 40'-0"

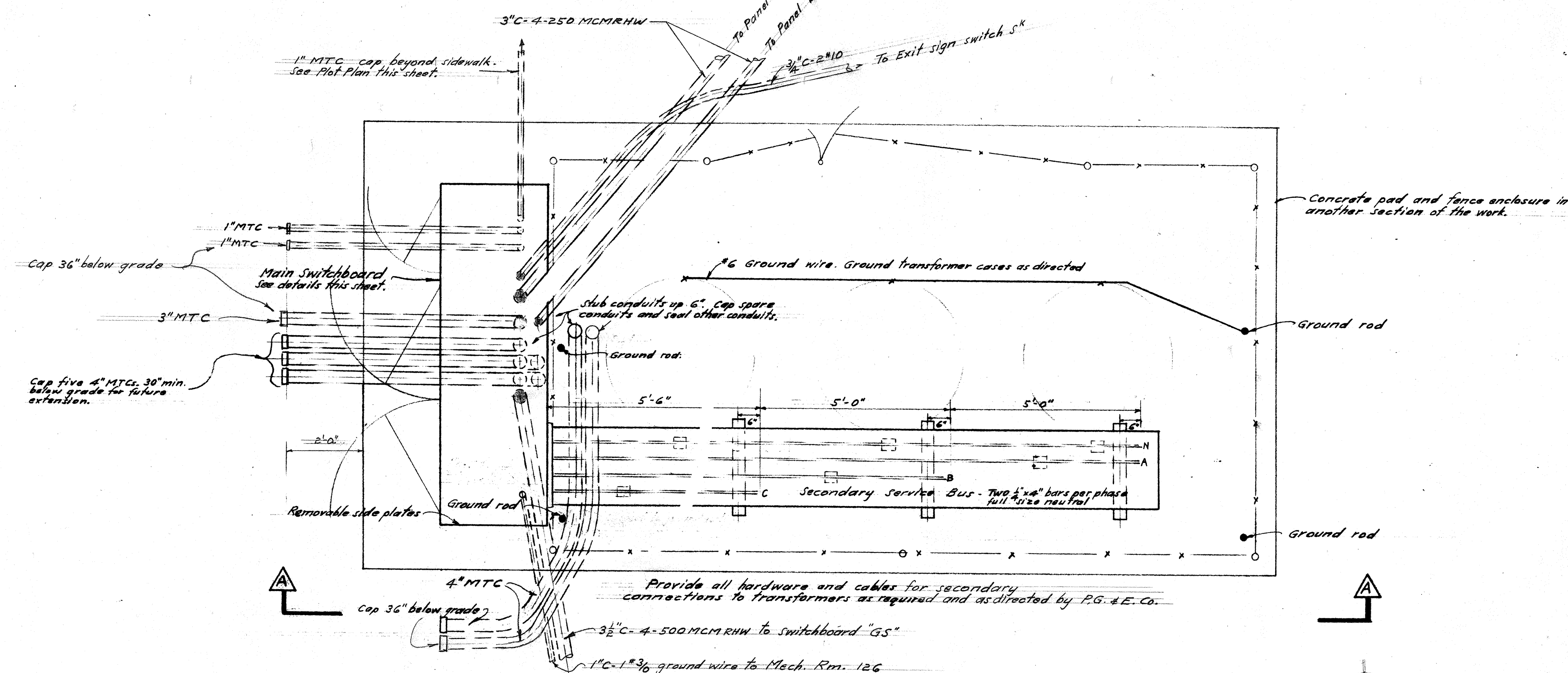


ONE LINE DIAGRAM



ELEVATION A-A

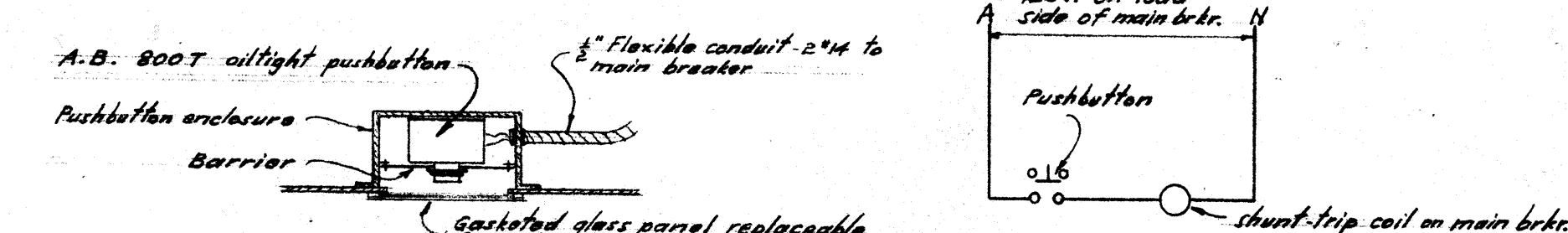
Scale : $\frac{1}{2}" = 1' - 0"$



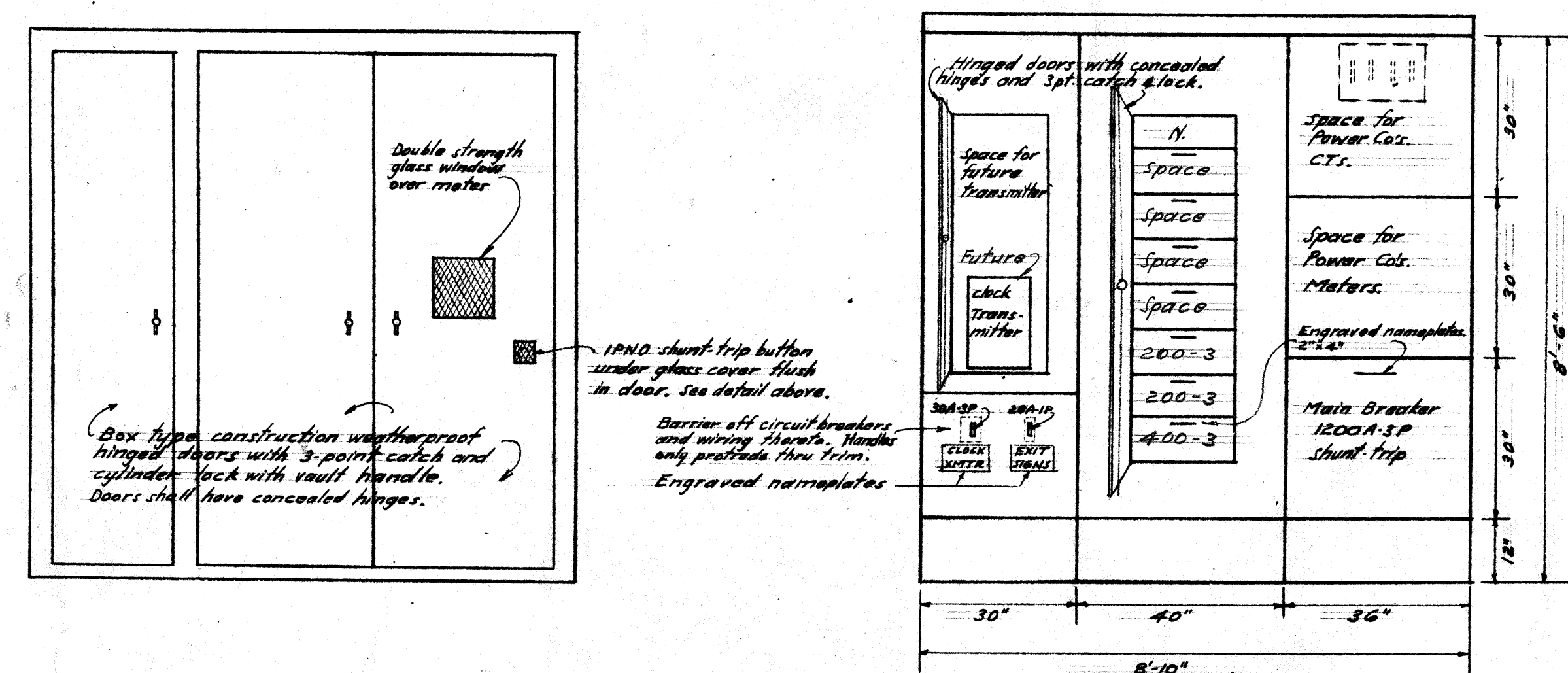
PLAN OF MAIN SWITCHBOARD AND TRANSFORMER ENCLOSURE

Scale: $\frac{1}{4}" = 1' - 0"$

Ground primary cable sheaths, wire fence and transformer cases to ground rods.



DETAILS OF SHUNT-TRIP ARRANGEMENT



ELEVATION WITHOUT TRIM

TRIM ELEVATION

DETAILS OF MAIN SWITCHBOARD

Scale: $\frac{1}{2}'' = 1' - 0''$

