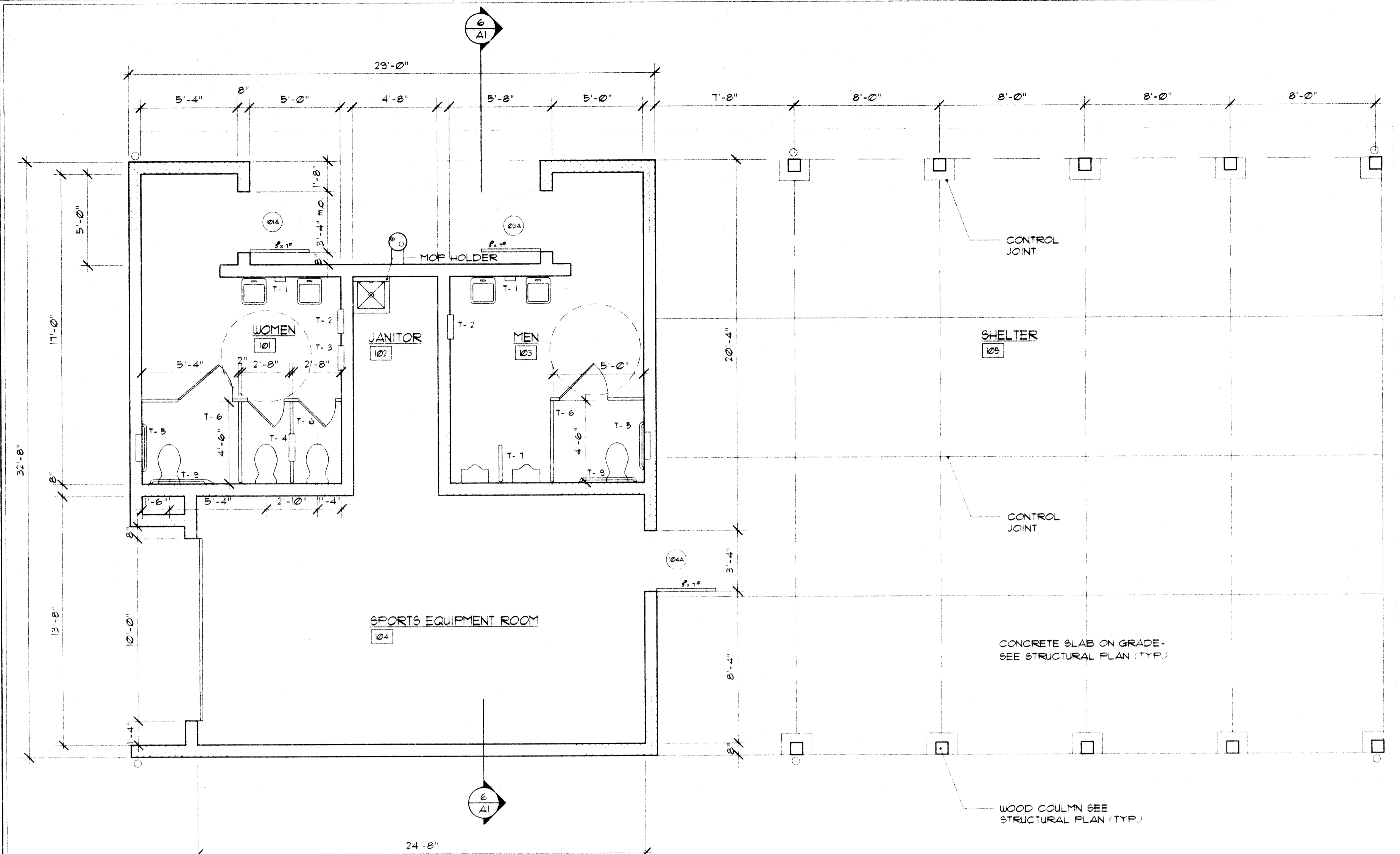
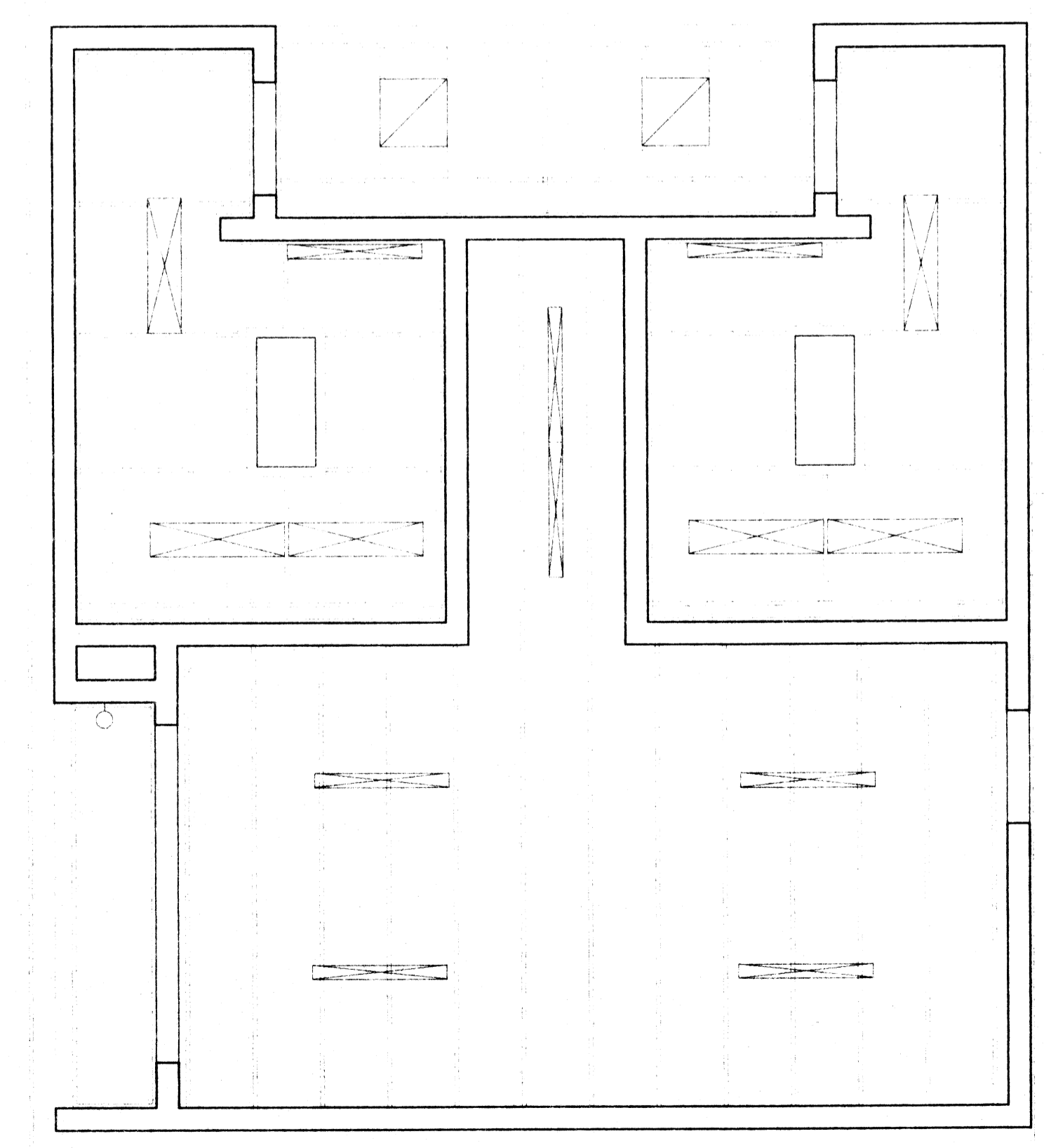


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RESTROOM/PICNIC BUILDING
 CITY OF MASSILLON-S.R. 241 PARK SITE

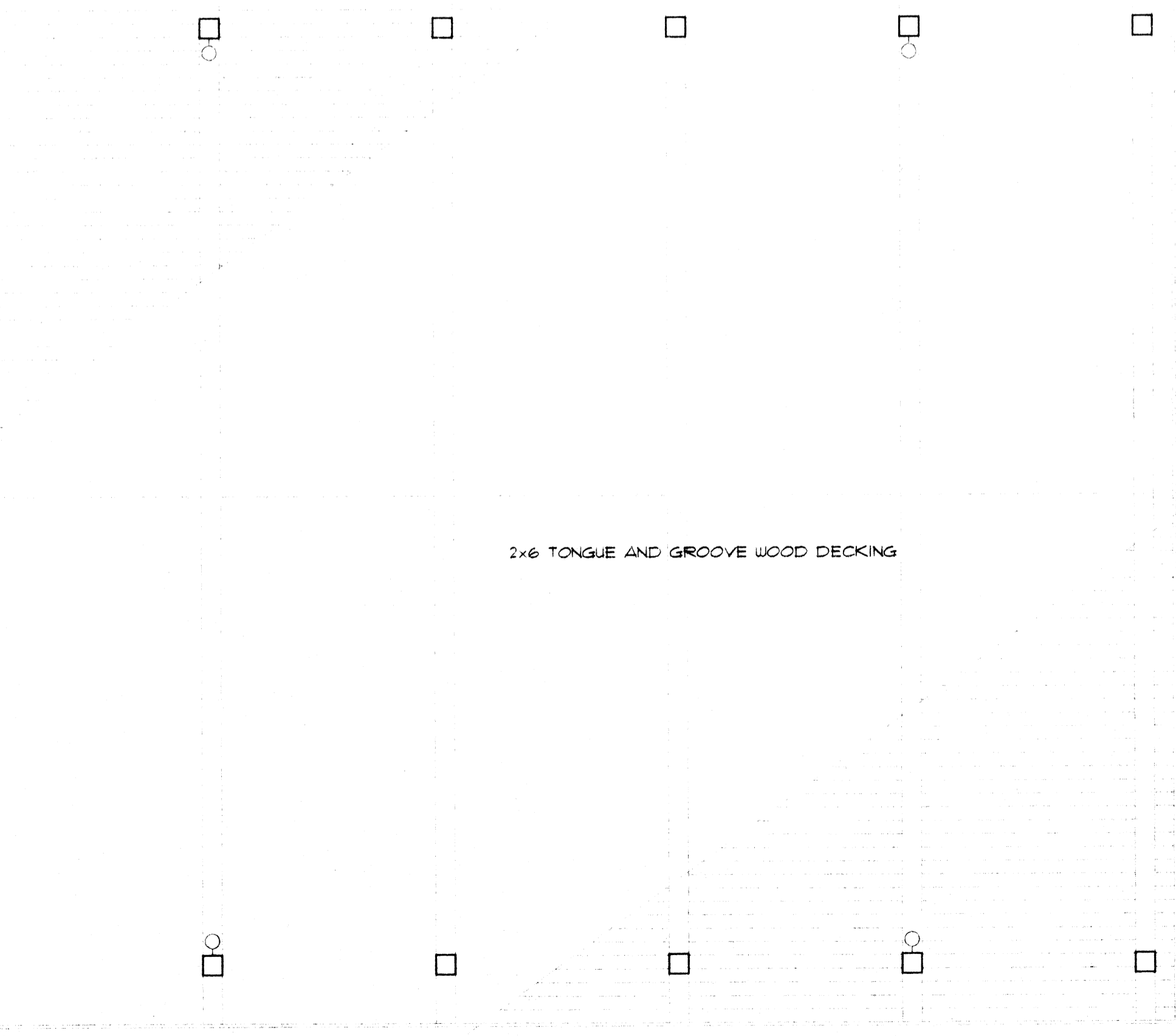
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 SURVEYORS
 450 GRANT STREET
 AKRON, OHIO 44311-1183
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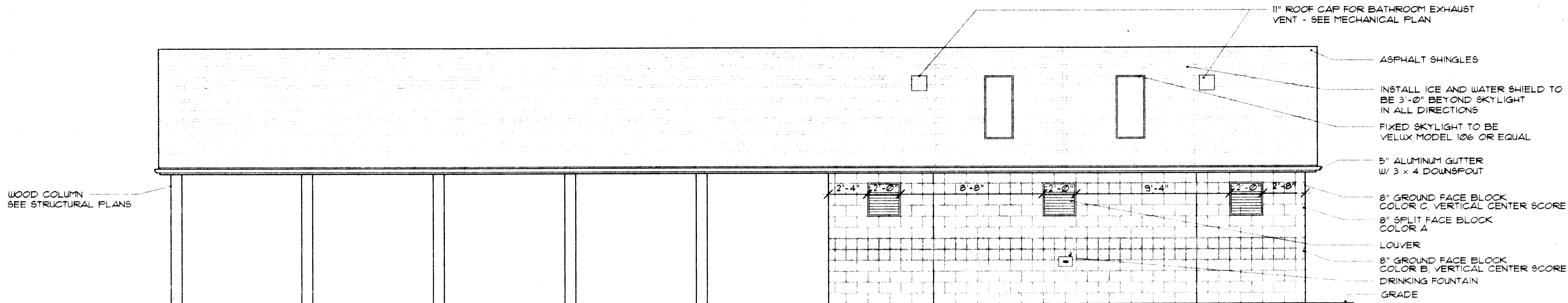
1 FLOOR PLAN W/ SHELTER
 A1 SCALE: 1/4" = 1'-0"



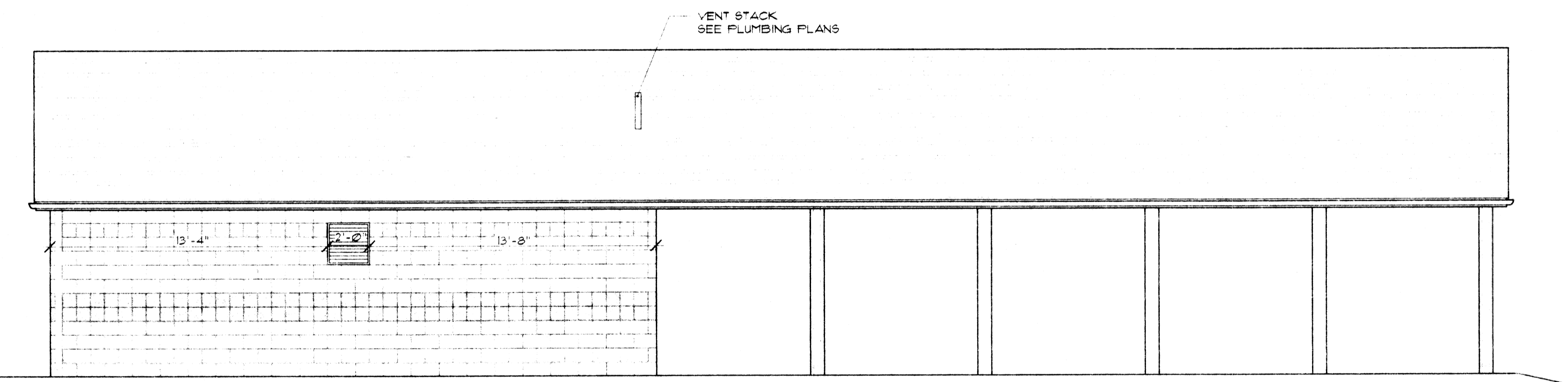
1 REFLECTED CEILING PLAN
 A1 SCALE: 1/4" = 1'-0"



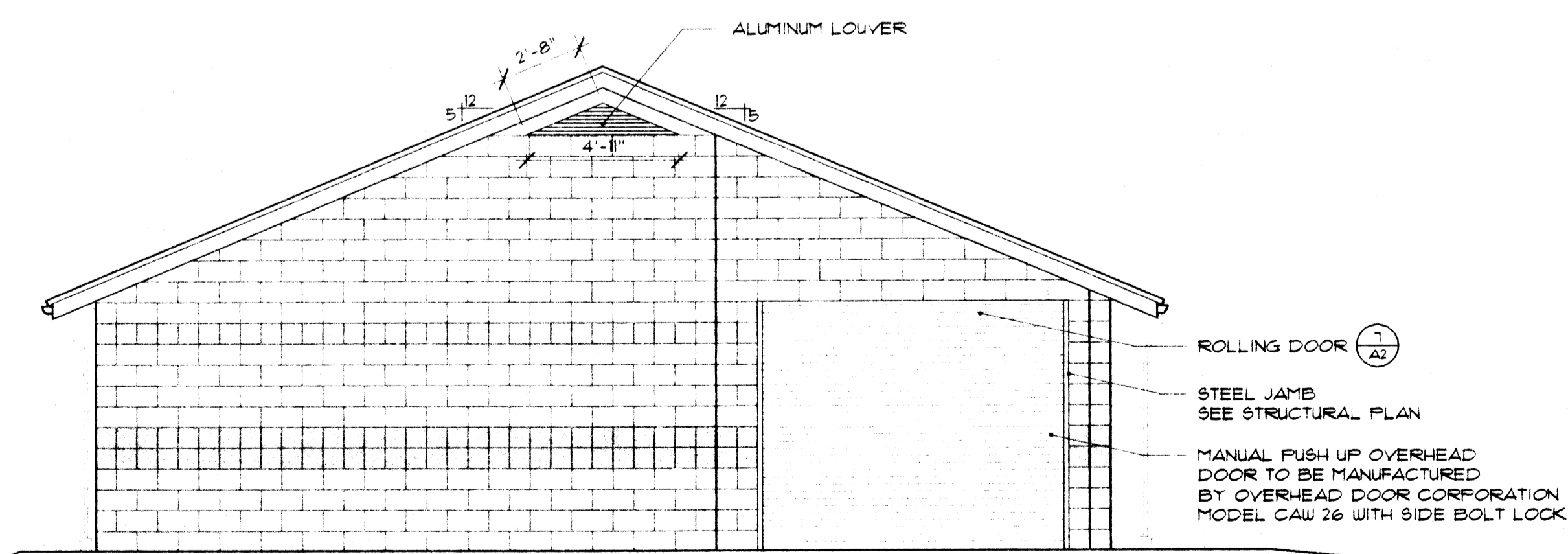
PRELIMINARY
 not for construction



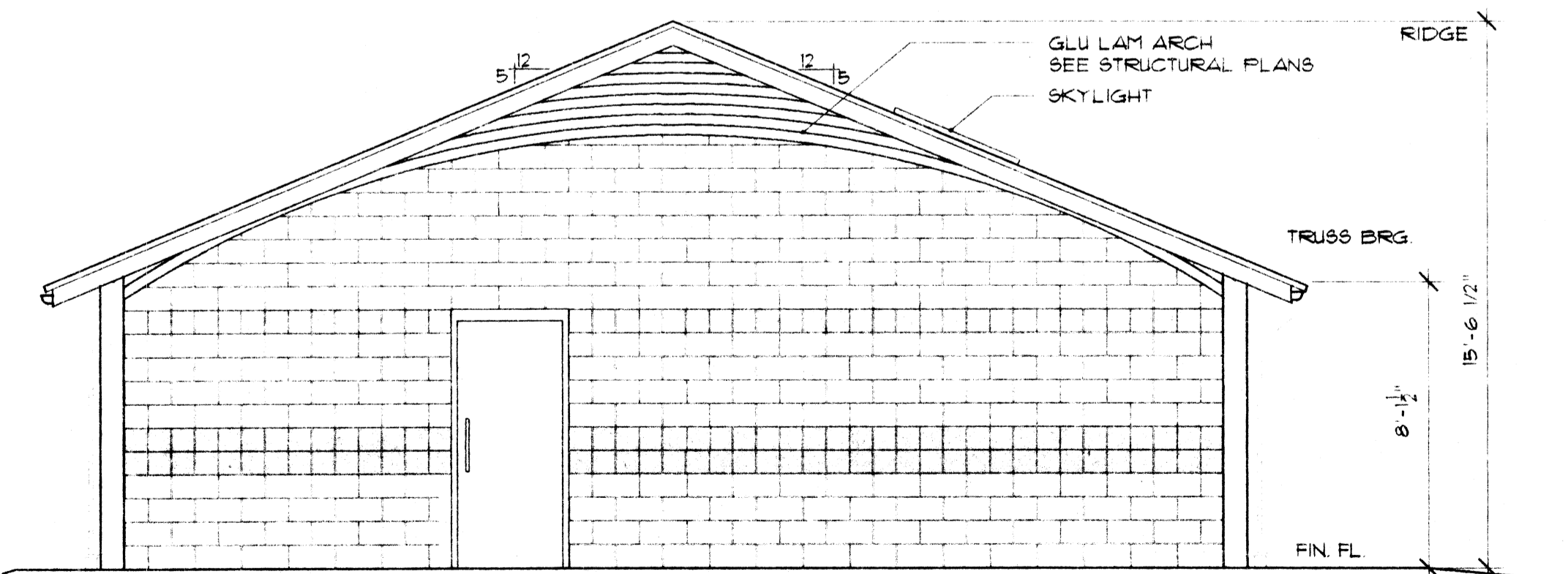
2 SIDE ELEVATION W/ SHELTER
 A1 SCALE: 1/4" = 1'-0"



3 SIDE ELEVATION W/ SHELTER
 A1 SCALE: 1/4" = 1'-0"



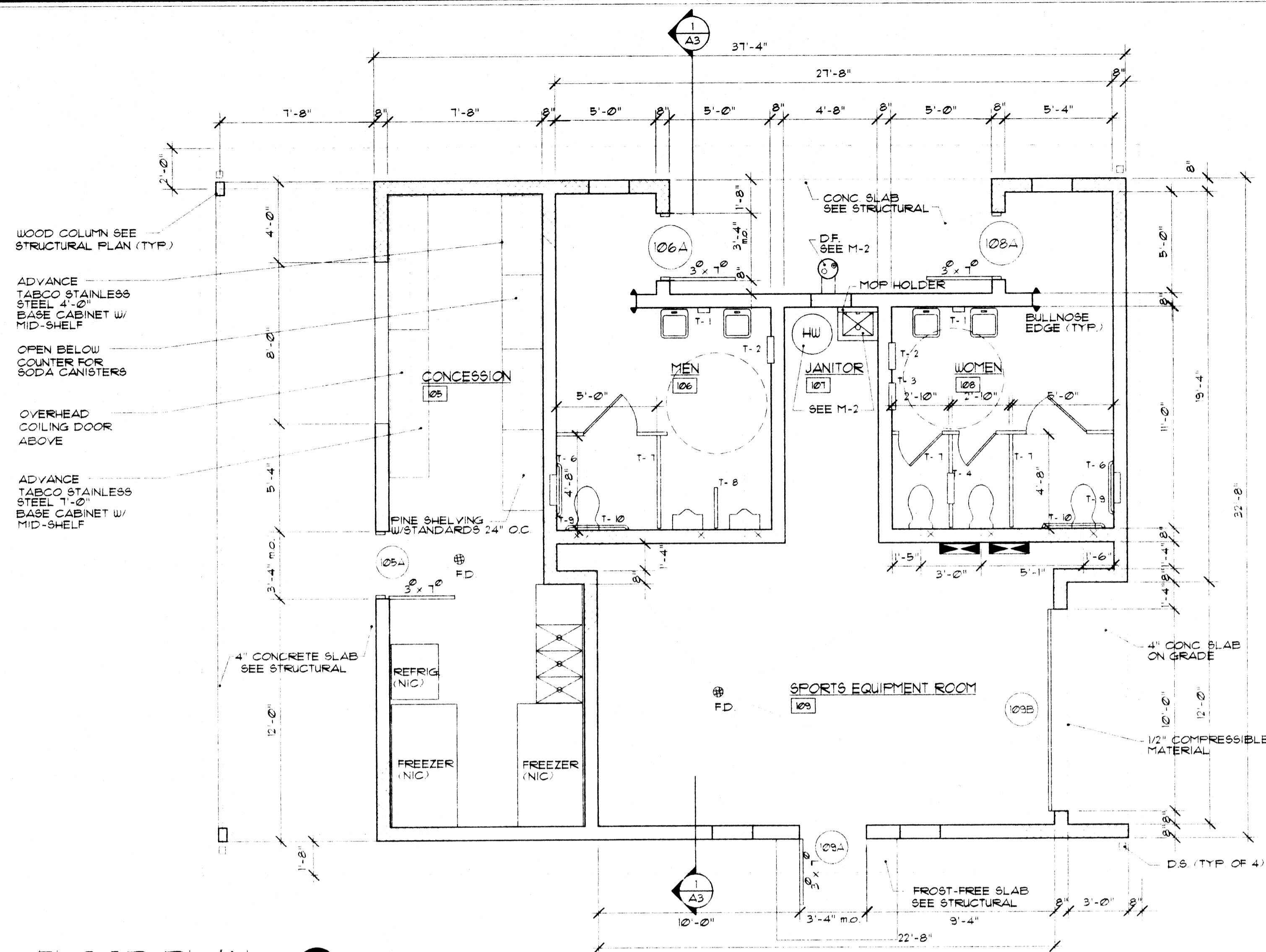
4 REAR ELEVATION
 A1 SCALE: 1/4" = 1'-0"



5 FRONT ELEVATION W/SHELTER
 A1 SCALE: 1/4" = 1'-0"

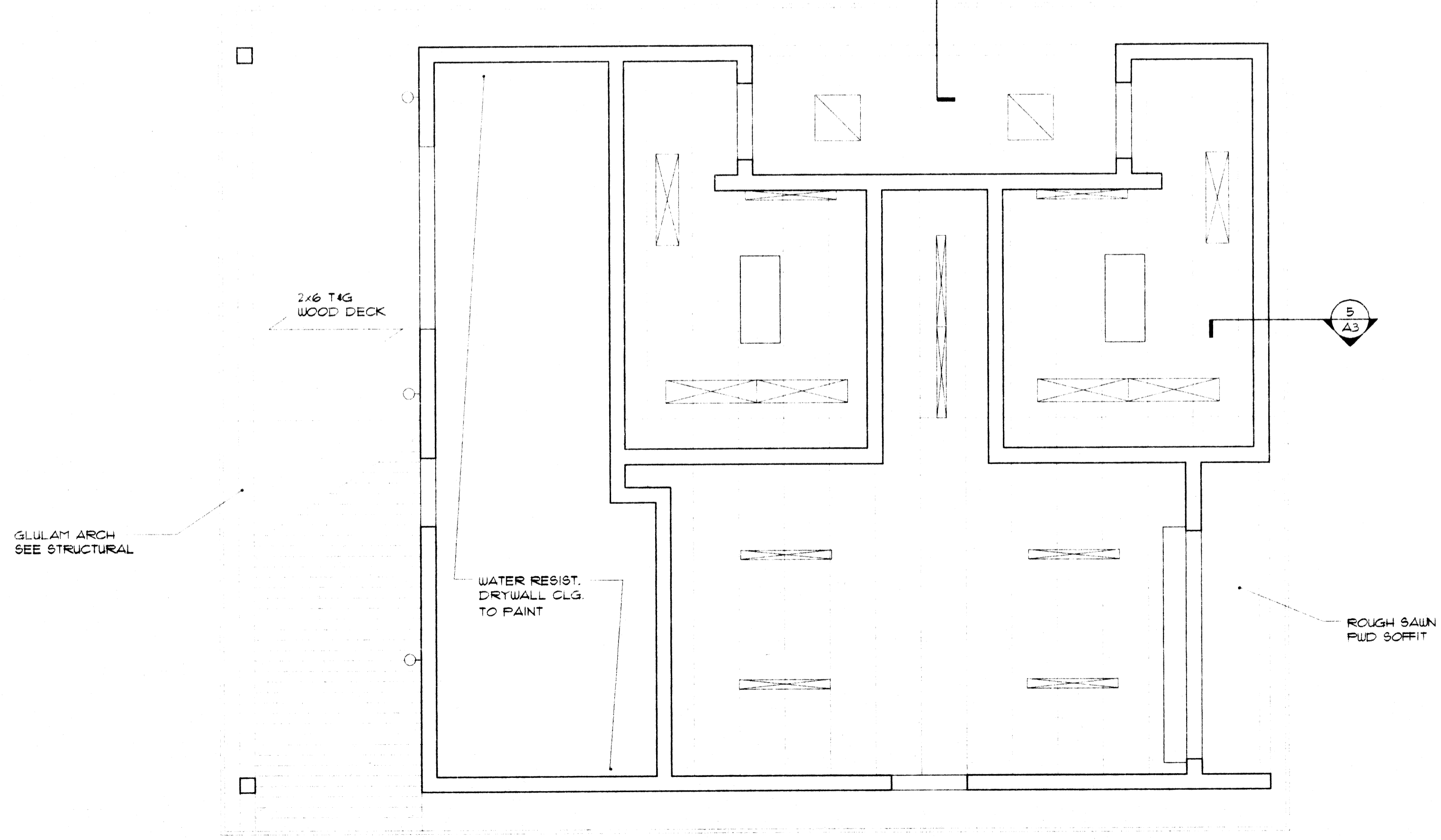
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ARCHITECTURAL
 RESTROOM/PICNIC BUILDING
 CITY OF MASSILLON-S.R. 241 PARK SITE



RESTROOM ACCESSORIES LEGEND			
KEY	MODEL #	MANUF.	DESCRIPTION
T-1	B-412	BOBRICK	CONTURA SOAP DISPENSER STAINLESS STEEL W/ KEY ACCESS TO HINGED FILLER-TOP
T-2	B-3961	BOBRICK	ROLL PAPER TOWEL DISPENSER/WASTE RECEPTACLE STAINLESS STEEL
T-3	B-43500	BOBRICK	CONTURA SERIES SANITARY NAPKIN/TAMPON VENDOR STAINLESS STEEL KEY FOR COIN BOX
T-4	B-3510160	BOBRICK	PARTITION MOUNTED NAPKIN DISPOSAL/4 STANDARD ROLLS STAINLESS STEEL SERVES 2
T-5	B-3520460	BOBRICK	RECESSED NAPKIN DISPOSAL/TOILET DISPENSER STAINLESS STEEL
T-6	NA	NA	CONTRACTOR TO COORDINATE INSTALLATION OF OWNER SUPPLIED TOILET PAPER DISPENSER
T-7	NA	NA	TOILET PARTITIONS SOLID PLASTIC POLYMER RESIN WITH HOMOGENOUS COLOR THROUGHOUT
T-8	NA	NA	URINAL PRIVACY SCREEN SOLID PLASTIC/POLYMER RESIN W/HOMOGENOUS COLOR THROUGHOUT
T-9	B-6806 x 36	BOBRICK	1 1/2" DIA. STAINLESS STEEL GRAB BAR W/FEENED GRIP FINISH
T-9	B-6806 x 42	BOBRICK	1 1/2" DIA. STAINLESS STEEL GRAB BAR W/FEENED GRIP FINISH

1 FLOOR PLAN
A2 SCALE: 1/4" = 1'-0"



1 REFLECTED CEILING PLAN
A2 SCALE: 1/4" = 1'-0"

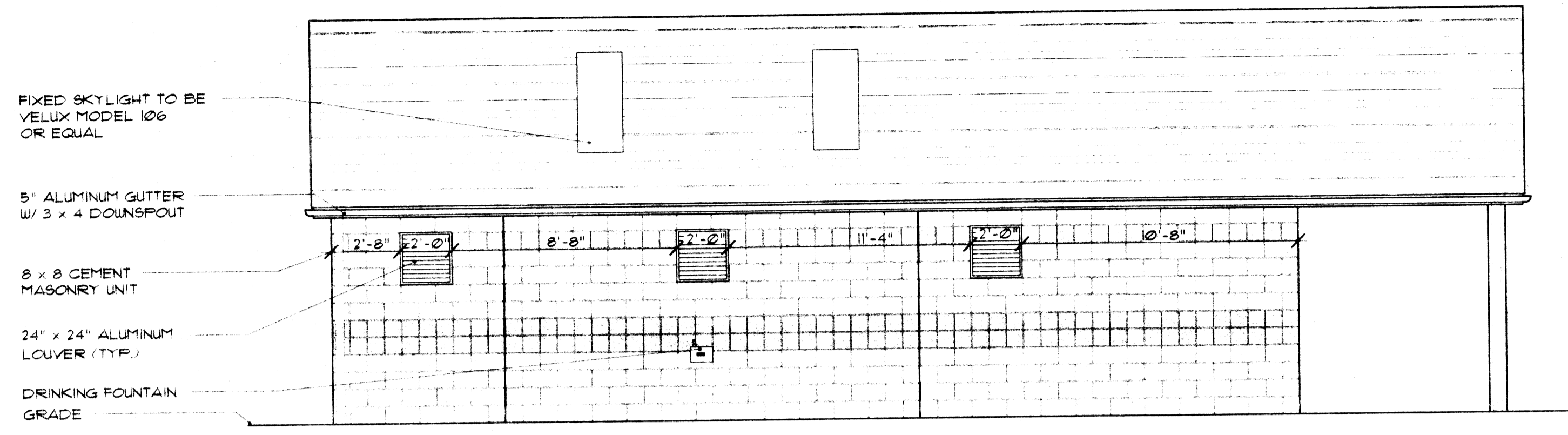
PRELIMINARY
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PROJ. NO: 9960.00
SCALE: 1/4" = 1'-0"
FILE NO: 15c2-1
DRAWN BY: eml
CHKD. BY: oed
DATE ISSUED: 07/27/98
REVISED:

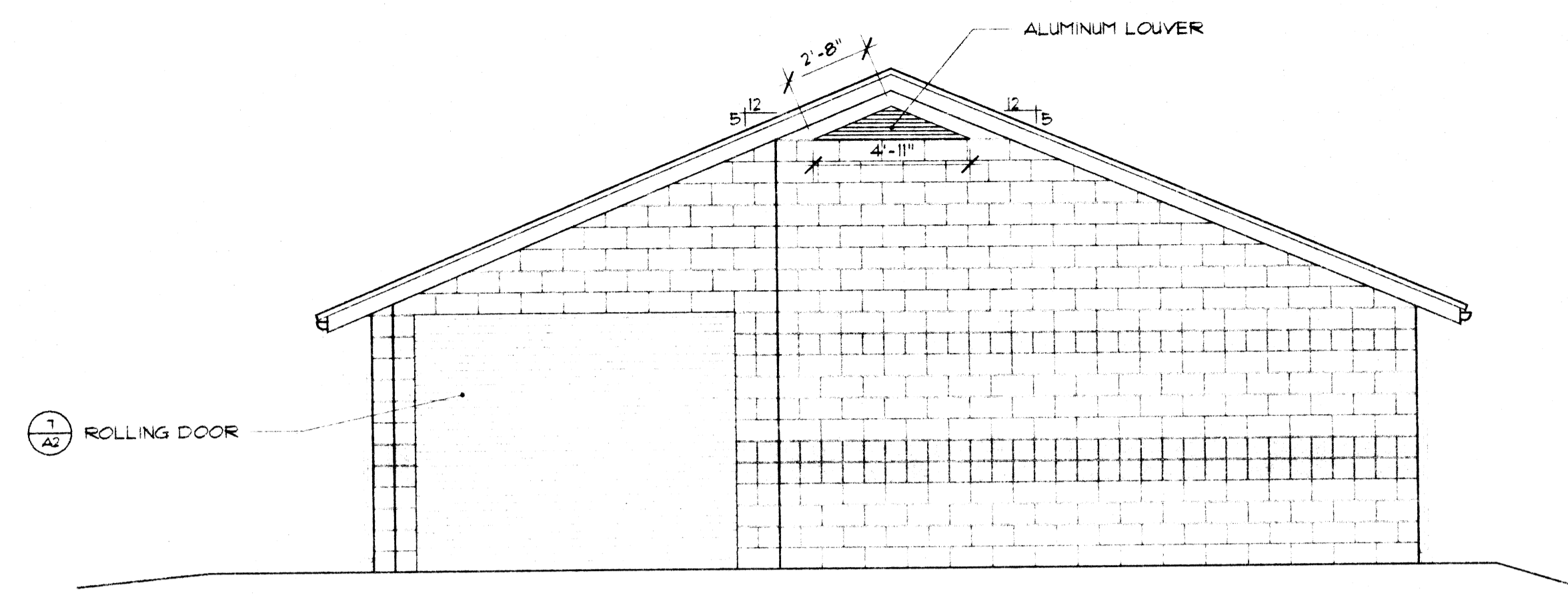
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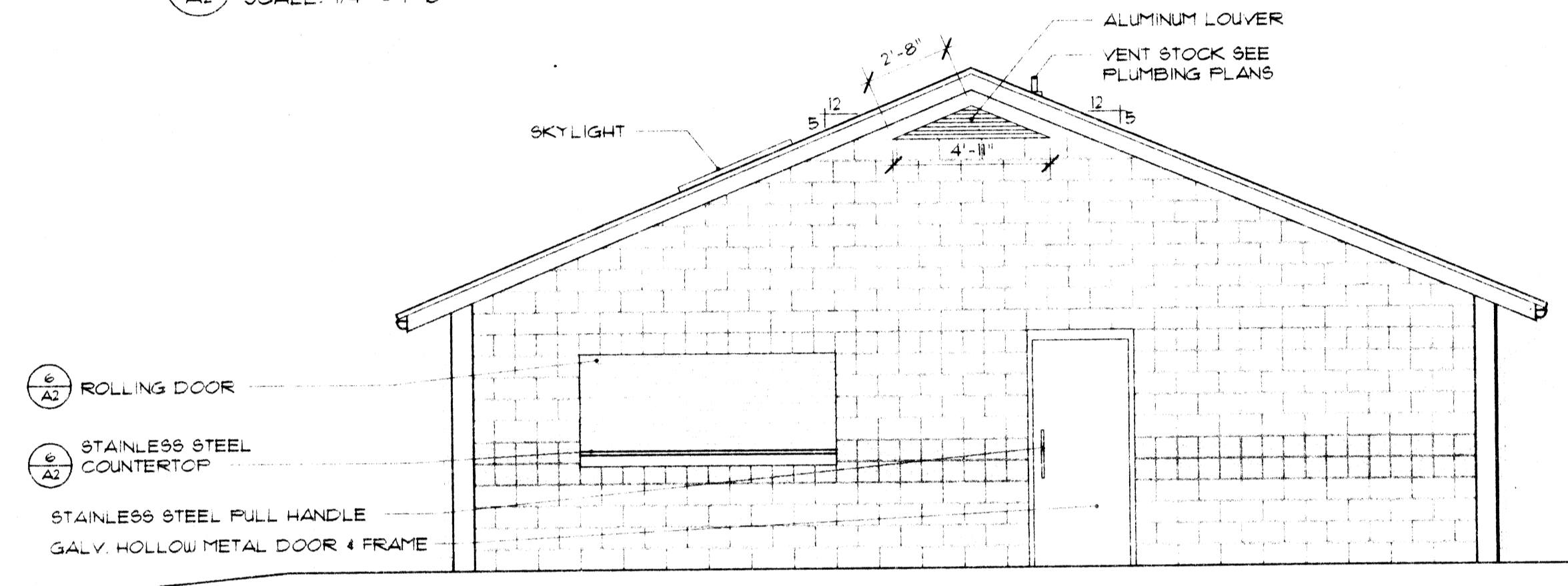
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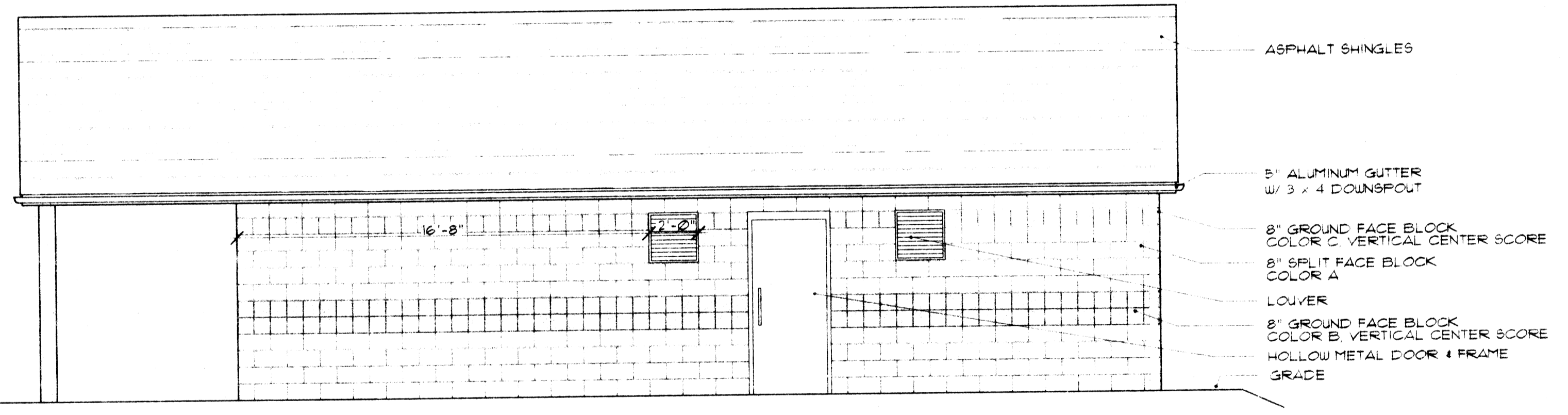
2 SIDE ELEVATION W/ CONCESSION STAND
 SCALE: 1/4" = 1'-0"



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



5 FRONT ELEVATION W/ CONCESSION STAND
 SCALE: 1/4" = 1'-0"



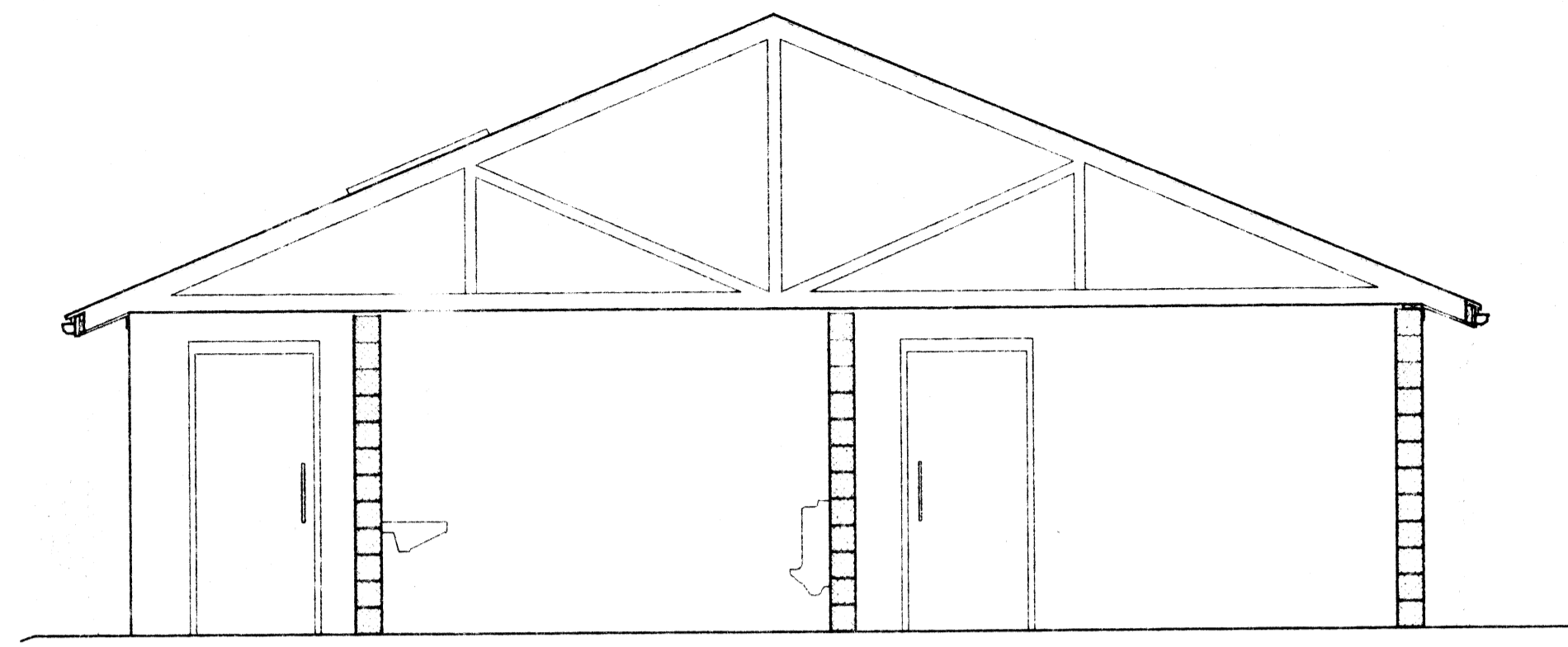
3 SIDE ELEVATION W/ CONCESSION STAND
 SCALE: 1/4" = 1'-0"

DESIGN PROJECTS/9860.00/9860.00 MASSILLON CITY PARK/15a2-2.dwg Mon Jul 27 09:57:51 1998 5.0

PRELIMINARY
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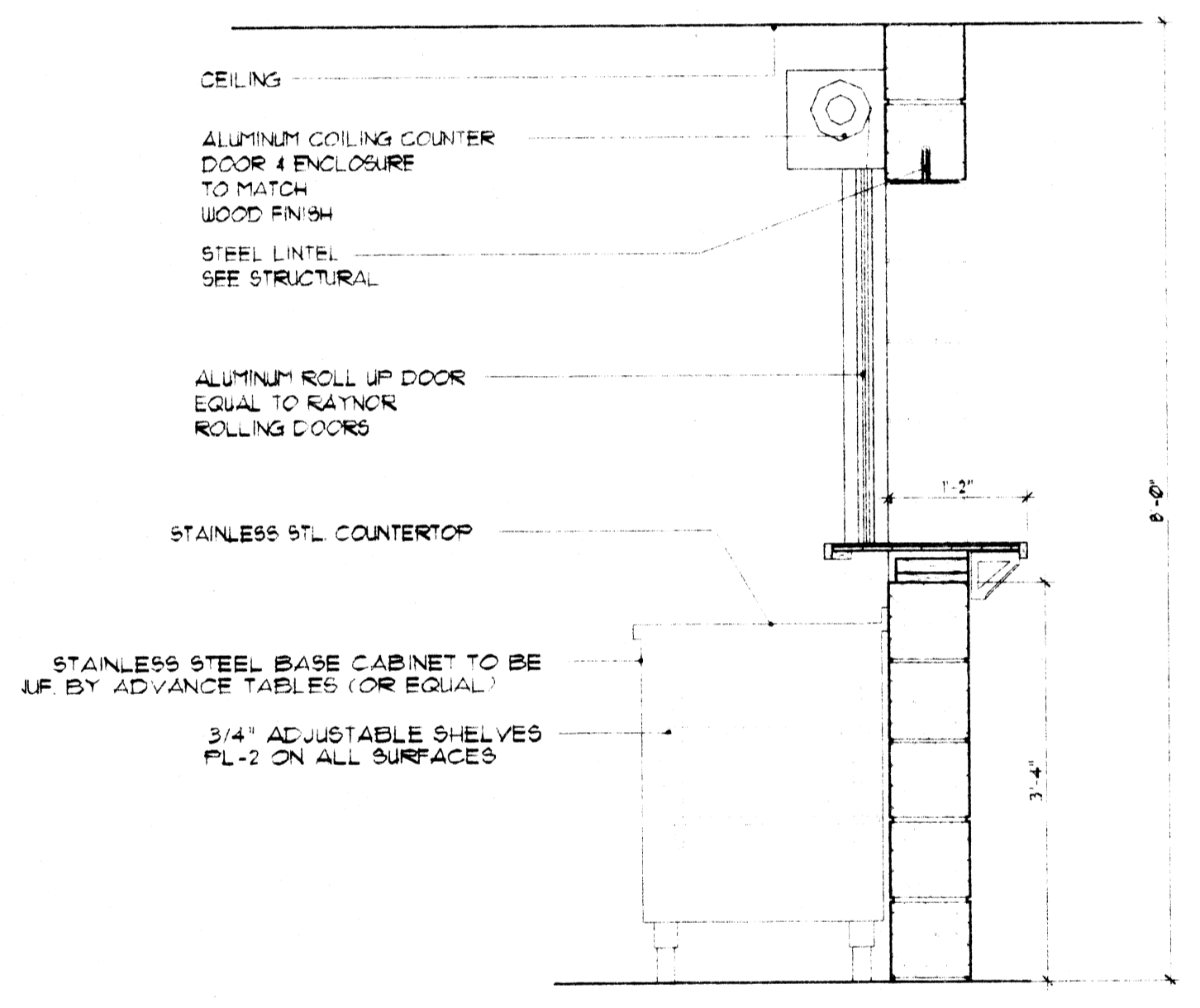
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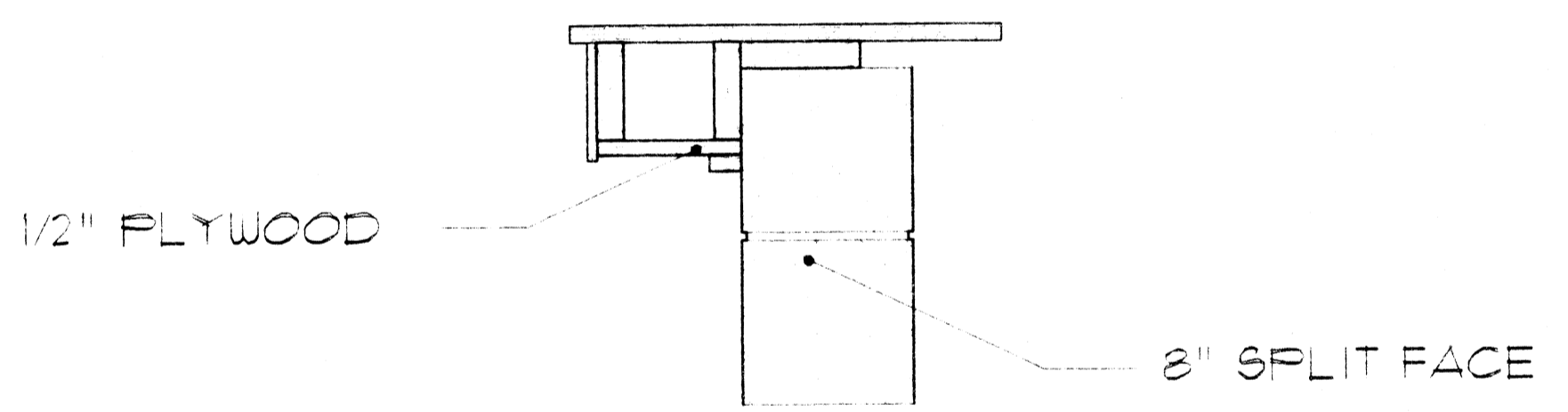


1 SECTION
A3 SCALE: 1/4" = 1'-0"

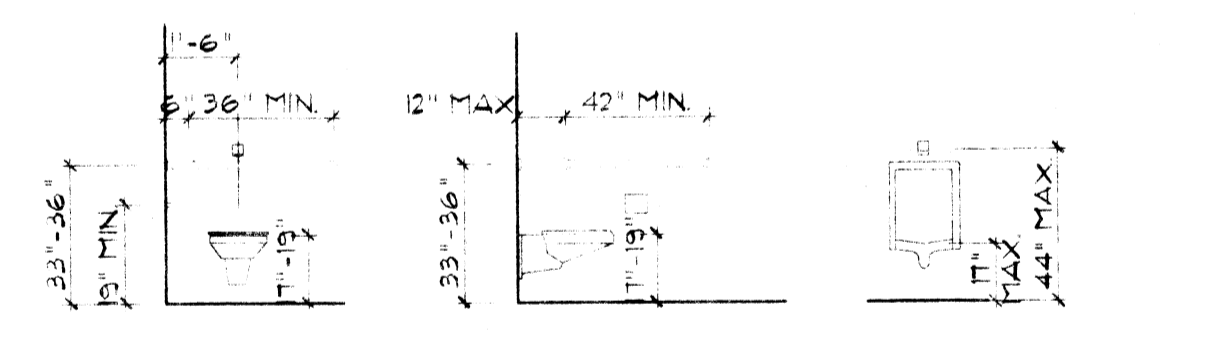
NO	ROOM NAME	MATERIALS / FINISH				HT.	REMARKS
		FLOOR	BASE	WALLS	CEILING		
101	WOMEN	CEMENT	NA	-	STAIN	8'-0"	-
102	JANITOR	CEMENT	NA	-	STAIN	8'-0"	-
103	MEN	CEMENT	NA	-	STAIN	8'-0"	-
104	SPORTS EQUIPMENT ROOM	CEMENT	NA	-	STAIN	8'-0"	-
105	CONCESSION	CEMENT	NA	-	STAIN	8'-0"	-
106	MEN	CEMENT	NA	-	STAIN	8'-0"	-
107	JANITOR	CEMENT	NA	-	STAIN	8'-0"	-
108	WOMEN	CEMENT	NA	-	STAIN	8'-0"	-
109	SPORTS EQUIPMENT ROOM	CEMENT	NA	-	STAIN	8'-0"	-



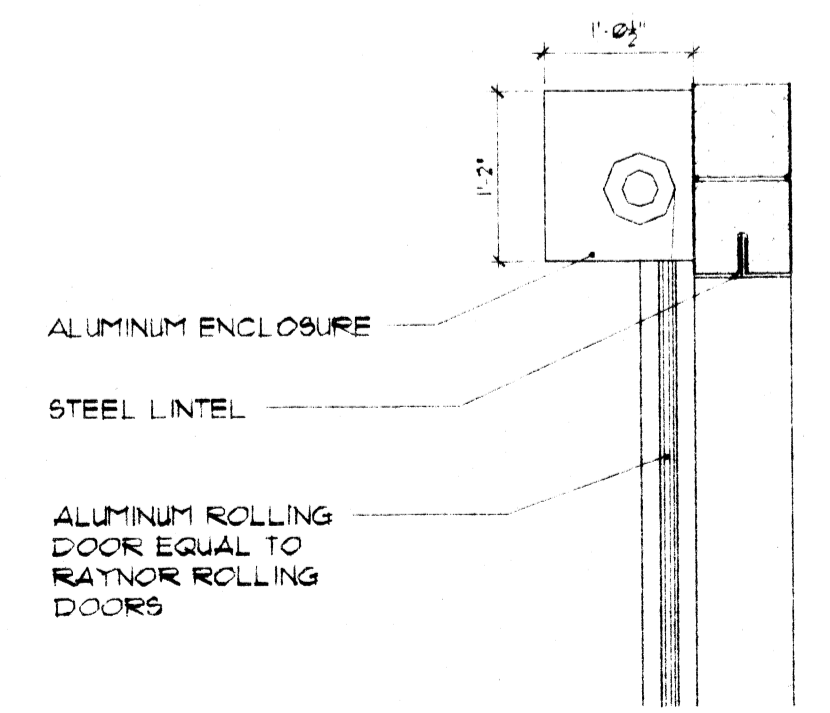
2 CONCESSION STAND WINDOW
A3 SCALE: 3/4" = 1'-0"



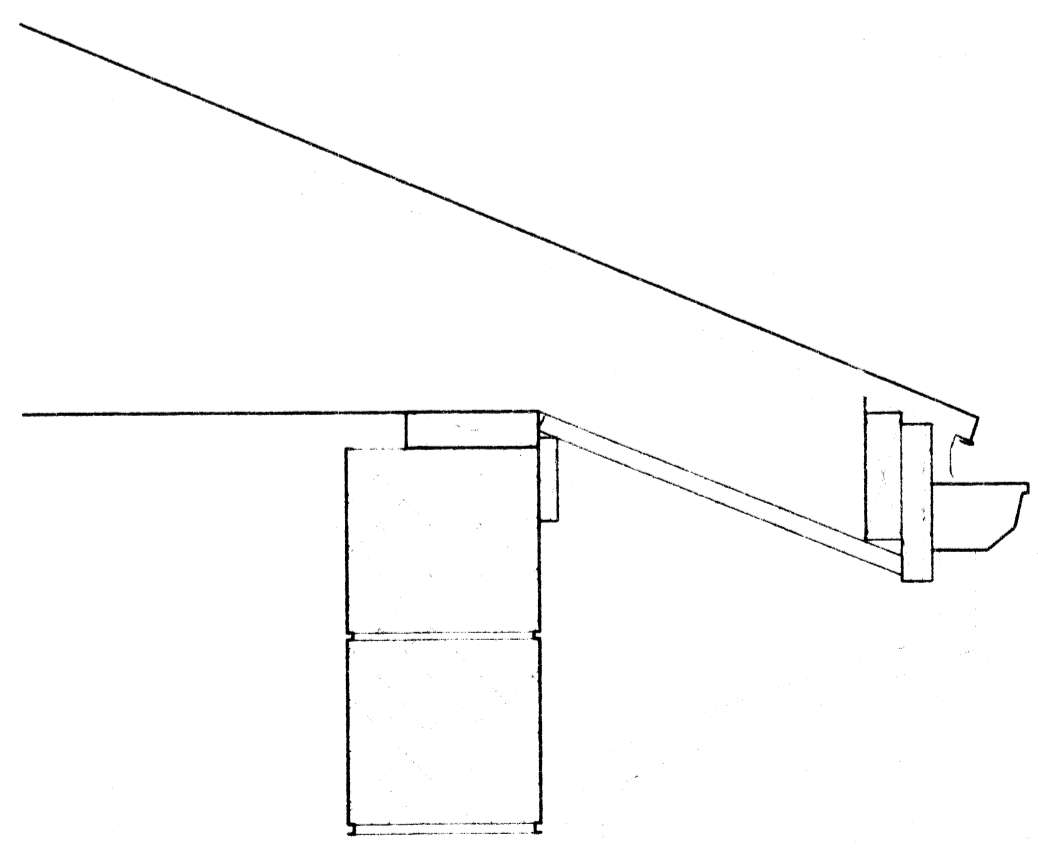
5 RAKE DETAIL
A3 SCALE: 1 1/2" = 1'-0"



6 TYPICAL ADA ELEVATION
A3 SCALE: 1/4" = 1'-0"



3 ROLLING DOOR DETAIL
A3 SCALE: 3/4" = 1'-0"



4 SOFFIT DETAIL
A3 SCALE: 1 1/2" = 1'-0"

PRELIMINARY
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PROJ NO: 0860.00
SCALE: 1/4" = 1'-0"
FILE NO: 15A3
DRAWN BY: eml
CHKD BY: cad

DATE ISSUED: 07/27/08
REVISED:

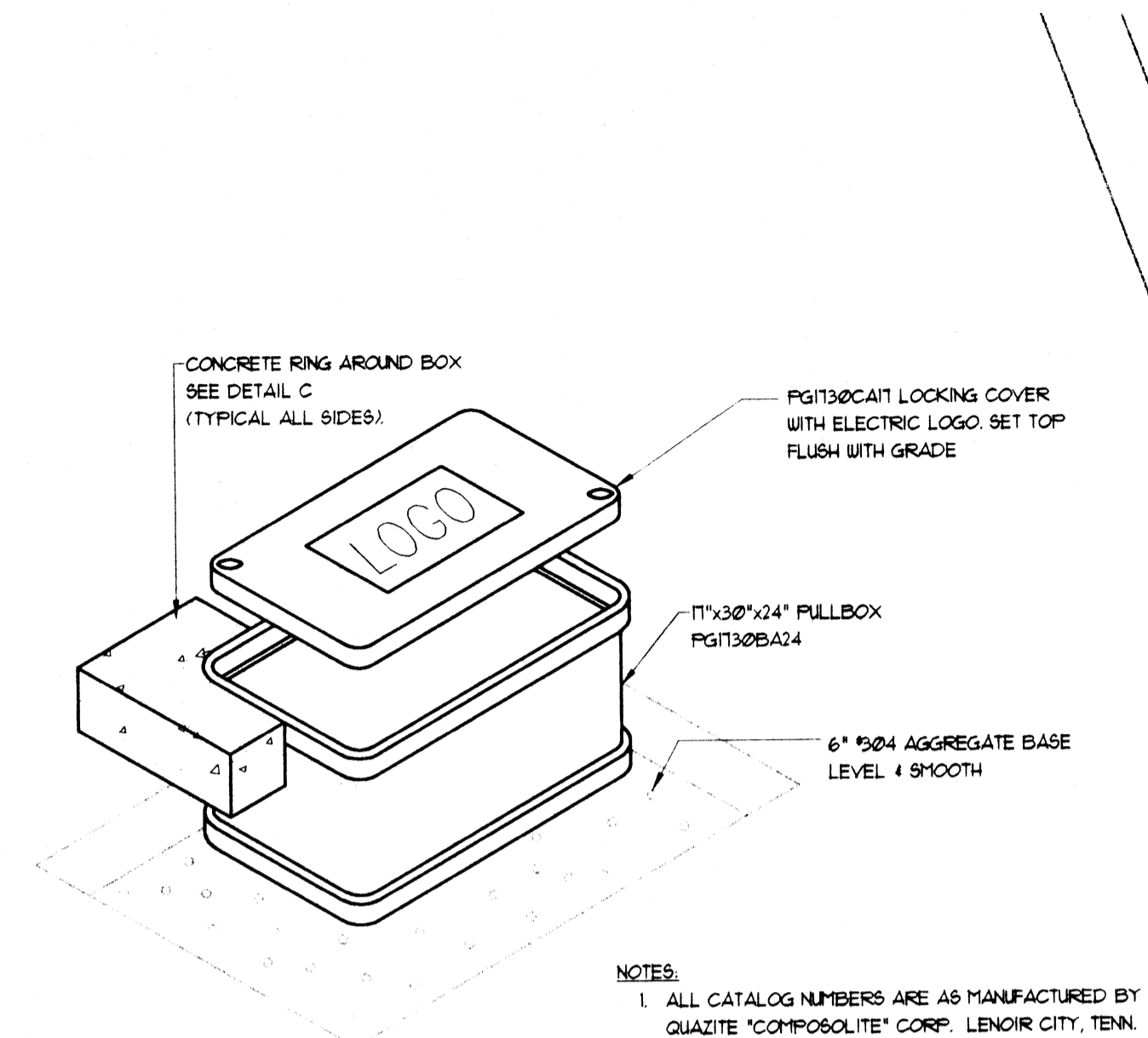
ARCHITECTURAL
DETAILS
CITY OF MASSILLON - S.R. 241 PARK SITE

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ANNON, OHIO 45111-1133
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FAX: (330) 775-1590

SHEET:
A3 of 50

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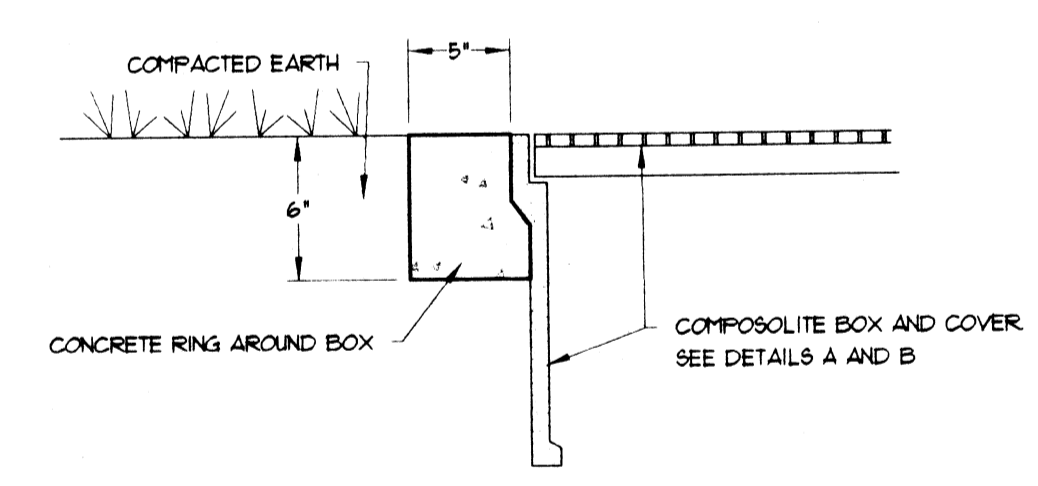
PROJ. NO. 9860.00
 SCALE: AS NOTED
 FILE NO. E1.DWG
 DRAWN BY: EME
 CHKD. BY: EME
 DATE ISSUED: 7-27-98
 REVISED:



NOTES:
 1. ALL CATALOG NUMBERS ARE AS MANUFACTURED BY QUAZITE "COMPOSITE" CORP., LENOIR CITY, TENN. 800-364-3062
 2. PAIRS OF PULLBOXES SHALL BE PARALLEL WITH EACH OTHER AND FOLLOW A CONSISTANT PATTERN.

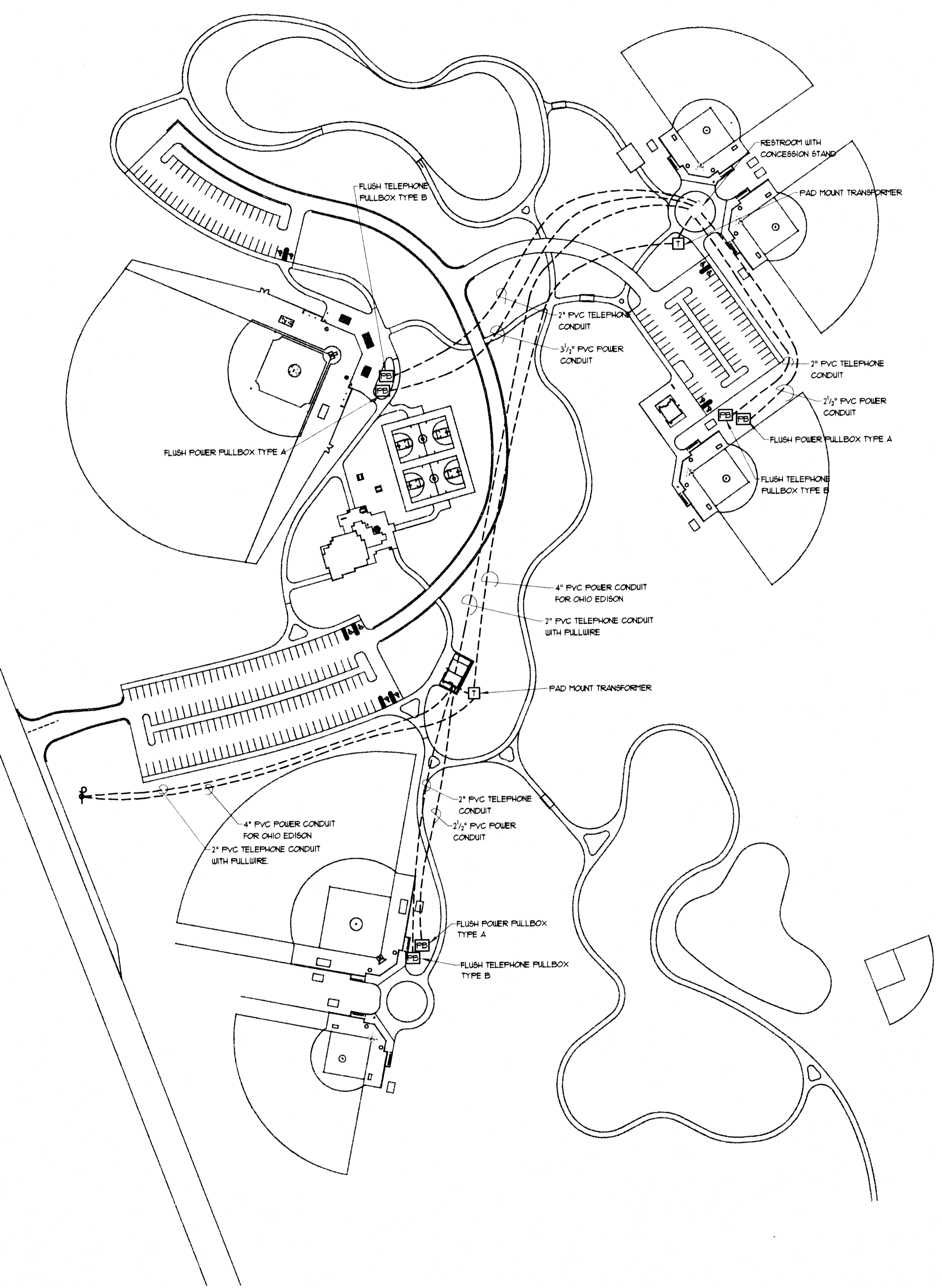
PULLBOX DETAIL A

NOT TO SCALE
 PULLBOX DETAIL B SIMILAR COVER FG130CA43 TELEPHONE LOGO BOX FB1324BA18 EXTENSION FG1324EA06



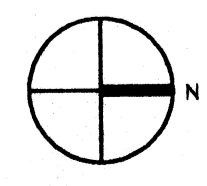
CONCRETE RING DETAIL C

SCALE: 1/2\"/>



ELECTRICAL SITE PLAN

SCALE: 1\"/>



ELECTRICAL SITE PLAN
CITY OF MASSILLON-S.R. 241 PARK SITE

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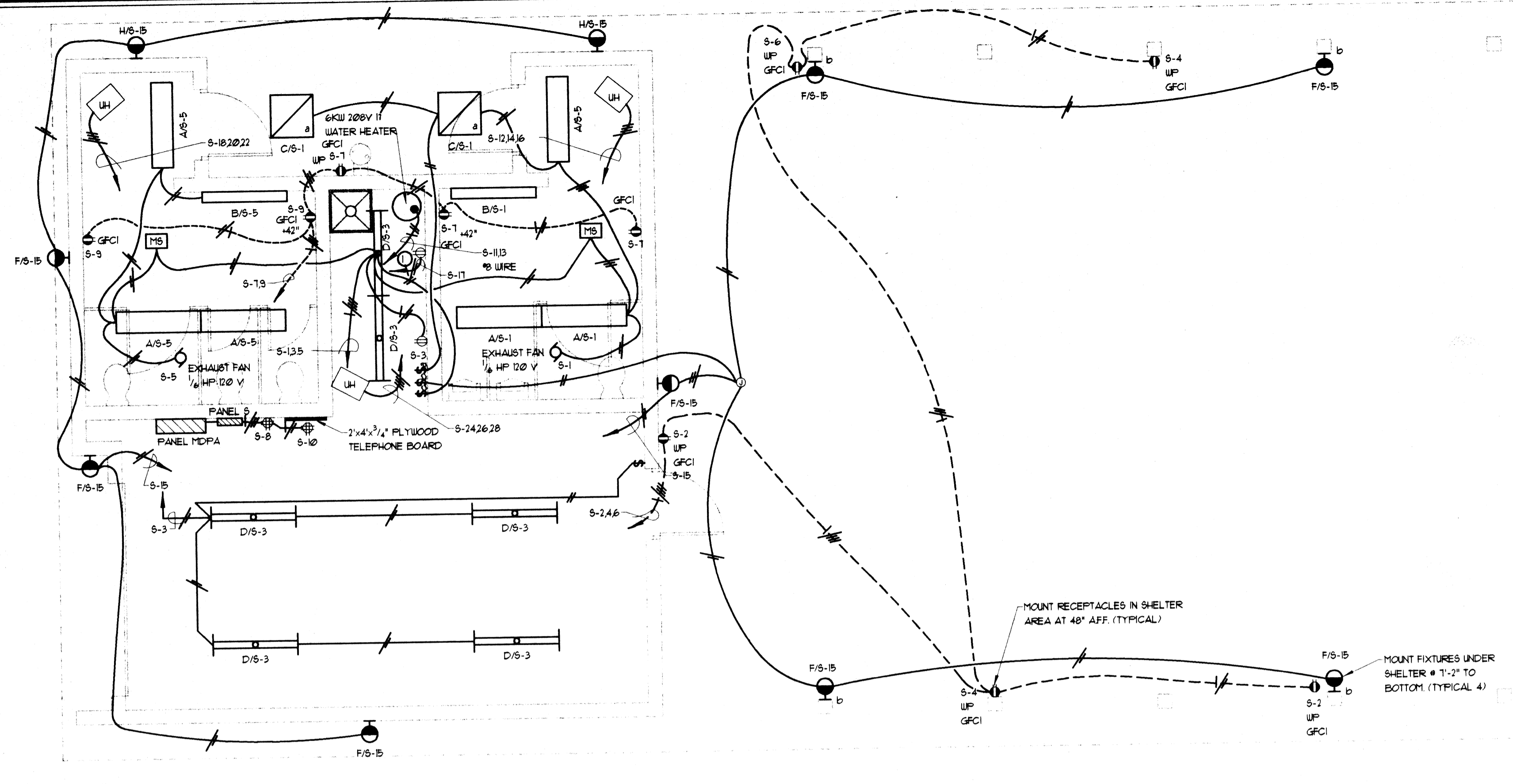
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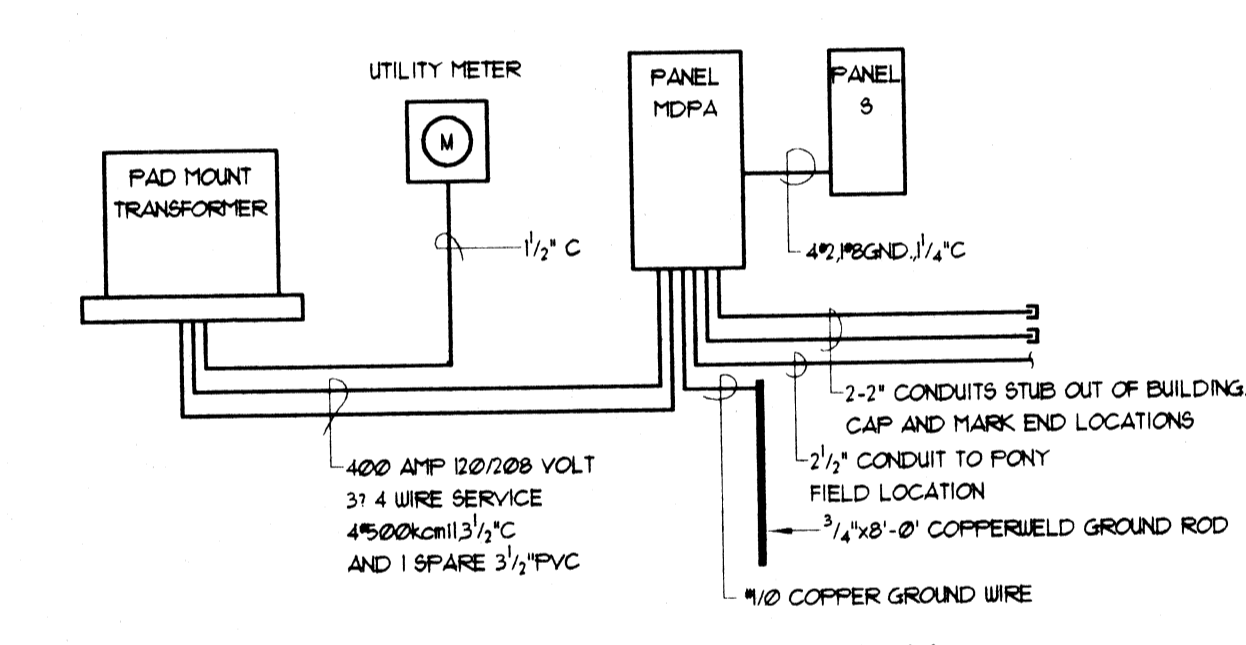
19980720294

98066 - MASSILLON S.R. 241 PARK

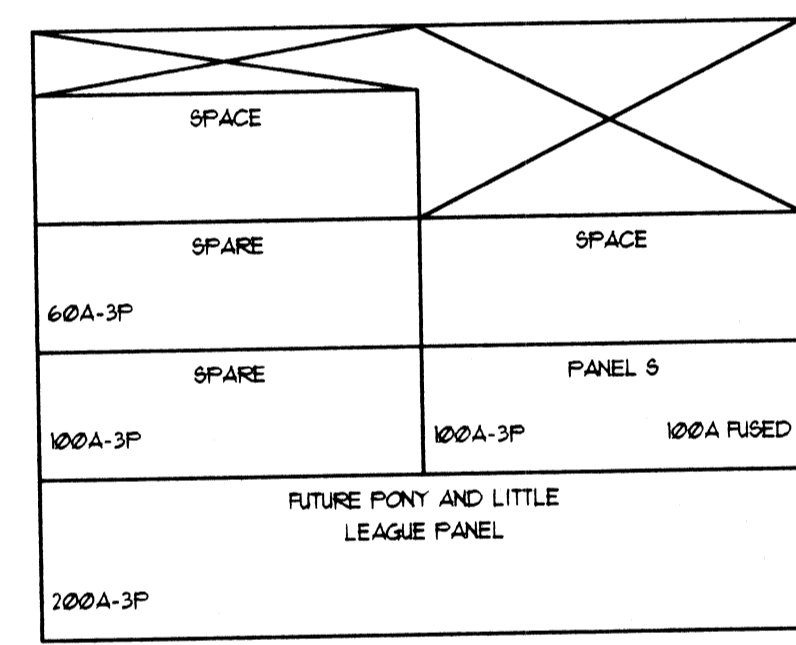
ERTEDJG



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



SERVICE RISER SHELTER WITH RESTROOMS BUILDING
 NO SCALE



PANEL MDPB

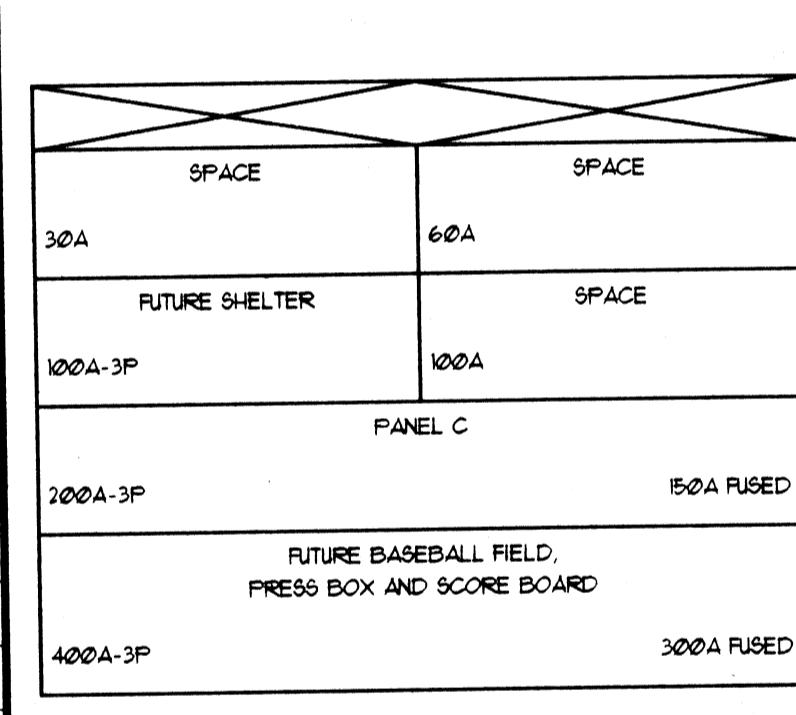
PANEL: PANEL		LOCATION: STORAGE ROOM		MOUNTING: SURFACE		VOLTAGES VOLTS		PHASES - PHASE		WIRES - WIRES	
CKT NO.	USE	WATTS	WIRE SIZE	1A	1B	1C	1A	1B	1C	1A	1B
1	MEN'S ROOM LIGHTS	304	20	664			20	1	1	360	2
3	JANITOR/STORAGE LIGHTS	636	1	20	936		20	1	1	360	4
5	WOMEN'S ROOM LIGHTS	304	1	20		484	20	1	1	360	6
7	RECEPTACLES	540	1	20	300		20	1	1	360	8
9	RECEPTACLES	360	1	20	720		20	1	1	360	10
11	WATER HEATER	3000	2	40	4200		20	3	3	1000	12
13	SECURITY LIGHTS	180	1	20		180	20	1	1	1000	14
15	HEAT TAPE RECEPTACLE	42	1	20		1042	20	3	3	1000	16
17							20	1	1	1000	18
19							20	1	1	1000	20
21							661	1	1	661	22
23							661	1	1	661	24
25							661	1	1	661	26
27							661	1	1	661	28
29							661	1	1	661	30
PANEL FEEDER SIZE: 4/0 COPPER 3 PHASE 4 WIRE		TOTAL PHASE: 17981		TOTAL PANEL: 17981		TOTAL CONNECTED LOAD: 500 AMPS		MAX. AMP'S: 603		G - GROUND BUS	

LIGHTING FIXTURE SCHEDULE

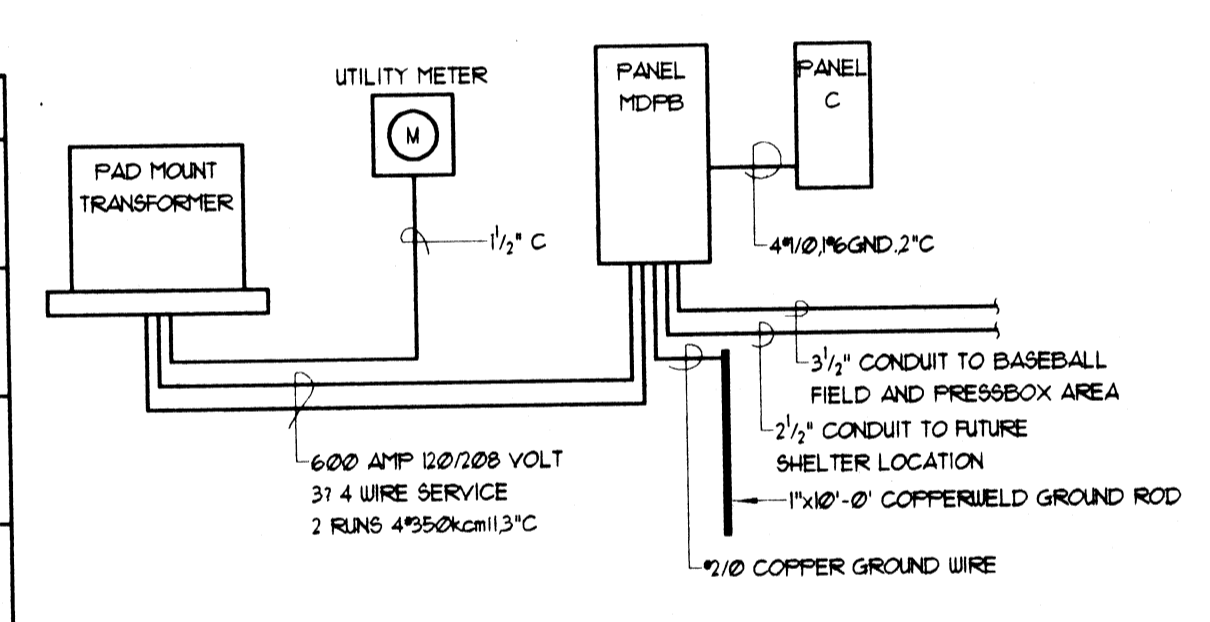
MARK	MANUFACTURER	CATALOG NO.	WATTS	TYPE	NO.	DESCRIPTION
A	KENALL	21626	32	F03278	2	2 LAMP 4' LONG SURFACE MOUNTED POLYCARBONATE PRISMATIC LENS
B	KENALL	7140-0 DU-1R	32	F03278	1	WALL MOUNTED 4' LONG OVER MIRROR LIGHT WITH INTERNAL ASYMMETRIC REFLECTOR AND WOOD FACE, 0°F STARTING.
C	KENALL	2560-56	28	F03278	2	2 LAMP SURFACE HIGH ABUSE SHALLOW SURFACE MOUNT 120V/60W, .20F BALLAST, POLYCARBONATE CONSTRUCTION, BRONZE FINISH, PRISMATIC LENS.
D	LITHONIA	C732-120 GEB	32	F03278	2	2 LAMP 4' LONG FLUORESCENT OPEN STRIP LIGHT
F	LITHONIA	VRIC-50M1 D0 IR	50	METAL HALIDE	1	WALL MOUNTED DIECAST ALUMINUM H.I.D. FIXTURE WITH POLYCARBONATE LENS.
H	KENALL	MREDS9 MB-42P-1 D0-BPC	42	PLT	1	WALL MOUNTED 13 1/2" WET LOCATION COMPACT FLUORESCENT FIXTURE, DIE CAST HOUSING, POLYCARBONATE LENS, WITH PHOTOCCELL.

ELECTRICAL SYMBOL SCHEDULE	
SYMBOL	DESCRIPTION
—	SURFACE, CEILING, PENDENT, OR WALL MOUNTED FLUORESCENT FIXTURE - URAP-A-ROUND, MODULAR, VAPORLIGHT, OR INDUSTRIAL. REFER TO FIXTURE SCHEDULE
—	TWO TUBE OPEN CHANNEL STRIP FLUORESCENT FIXTURE
○	SURFACE COMPACT FLUORESCENT FIXTURE, TWIN TUBE OR FL LAMPS
⊙	WALL MOUNTED H.I.D. FIXTURE
⊙	WALL MOUNTED COMPACT FLUORESCENT FIXTURE
⊙	20 AMP 120/211 VOLT SINGLE POLE TOGGLE SWITCH
⊙	20 AMP 300 VOLT MANUAL MOTOR STARTING SWITCH TOGGLE TYPE WITH THERMAL OVERLOAD RELAY AND PILOT LIGHT - FLUSH MOUNT IN FINISHED AREAS OR #FD' BOX MOUNTED IN UNFINISHED AREAS.
⊙	20 AMP 120/211 VOLT 3 WAY TOGGLE SWITCH
⊙	20 AMP 120 VOLT 2 POLE 3 WIRE GROUNDING DUPLEX RECEPTACLE MOUNTED AT 18" AFF. UNLESS NOTED.
⊙	DOUBLE 20 AMP 120 VOLT 2 POLE 3 WIRE DUPLEX RECEPTACLES MOUNTED IN COMMON BOX WITH COMMON 2 GANG PLATE.
⊙	20 AMP 120 VOLT 2 POLE 3 WIRE GROUND FAULT CIRCUIT INTERRUPTING DUPLEX RECEPTACLE.
⊙	SAME AS ABOVE EXCEPT WITH GASKETED WEATHER PROOF LIFT COVER
⊙	SPECIAL PURPOSE RECEPTACLE, 120/240 OR 120/208 VOLT, 1 PHASE, 3 POLE, 4 WIRE, GROUNDING, AMPERE RATED AS MARKED
⊙	SPECIAL PURPOSE OUTLET, 120/208 VOLT, 3 PHASE, 4 WIRE GROUNDING, AMPERE RATING AS MARKED
⊙	TELEPHONE OUTLET 4 1/2" SQ. BOX WITH 1 GANG PLASTER RING & 3/4" CONDUIT STUBBED INTO CEILING SPACE.
—	CONDUIT CONCEALED IN FLOOR OR EARTH
—	CONDUIT CONCEALED IN CEILING OR WALLS
—	CONDUIT EXPOSED
—	NEUTRAL 1 PHASE WIRES GROUND WIRE WIRES IN CONDUIT #2 AWG UNLESS NOTED
⊙	JUNCTION BOX SIZED AS REQUIRED
⊙	MOTOR, HORSEPOWER & VOLTAGE AS NOTED
⊙	DISCONNECT SWITCH FUSED, AMPACITY AS NOTED, SWITCH FUSE, GENERAL DUTY UNLESS NOTED IN SPEC. UP INDICATES NEMA 3R UNLESS NOTED
⊙	SURFACE MOUNTED ULTRASONIC MOTION SENSOR WITH POWER PACK AND 1 TO 5 MINUTE ADJUSTABLE TIME DELAY, WATT STOPPER 2000A WITH POWER PACK B20EP
⊙	PANELBOARD - SEE SCHEDULES
⊙	ABOVE FINISHED FLOOR
⊙	INDICATES MOUNT AT 42" ABOVE FINISHED FLOOR TO CENTER LINE OF DEVICE
A/B-1	INDICATES FIXTURE TYPE A CONNECTED TO CIRCUIT #1 IN PANEL B

POWER PLAN WITH CONCESSION STAND
 SCALE: 1/4" = 1'-0"



PANEL MDPB

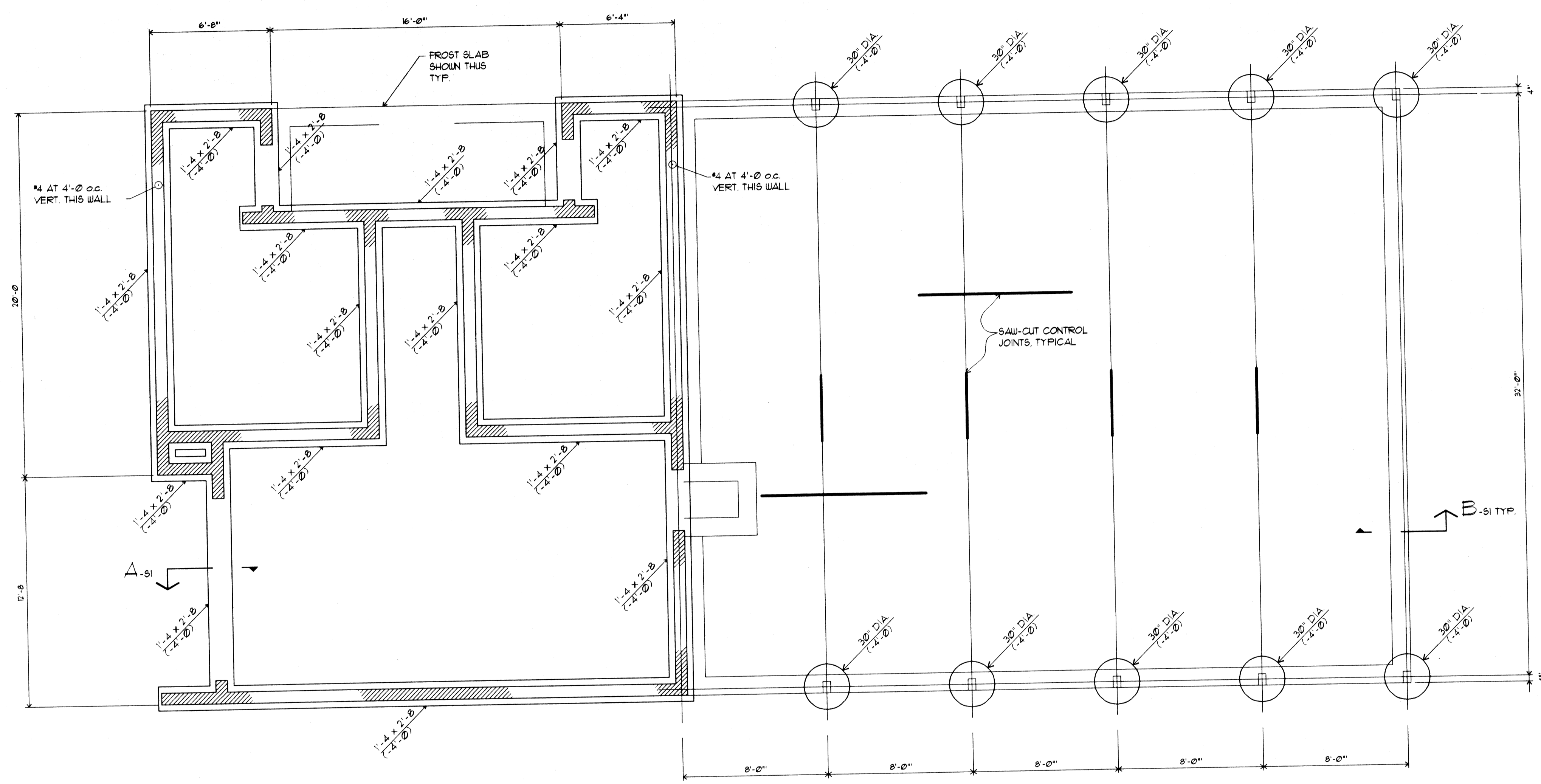


SERVICE RISER RESTROOM/ CONCESSION STAND BUILDING
 NO SCALE

PANEL: PANEL		LOCATION: STORAGE ROOM		MOUNTING: SURFACE		200 AMP MAINS		3 - PHASE		4 - WIRES	
CKT NO.	USE	WATTS	WIRE SIZE	1A	1B	1C	1A	1B	1C	1A	1B
1	MEN'S ROOM LIGHTS	304	1	20			20	1	1	1200	2
3	JANITOR STORAGE LIGHTS	636	1	20	2036		20	1	1	1400	4
5	WOMEN'S ROOM LIGHTS	304	1	20		1104	20	1	1	1400	6
7	RECEPTACLES	532	1	20	1732		20	1	1	1200	8
9	STORAGE RECEPTACLE	680	1	20	1880		20	1	1	1200	10
11	RECEPTACLES	540	1	20	360		20	1	1	1200	12
13	RECEPTACLES	360	1	20	360		20	1	1	1200	14
15							20	1	1	1200	16
17							20	1	1	1200	18
19	MEN'S ROOM UNIT HEATER	1000	3	15	2000		20	3	3	1000	20
21		1000			2000		20	3	3	1000	22
23		1000			2000		20	3	3	1000	24
25	WOMEN'S ROOM UNIT HEATER	1000	3	15	2000		20	3	3	1000	26
27		1000			2000		20	3	3	1000	28
29		1000			2000		20	3	3	1000	30
31	JANITORS CLOSET UNIT HEATER	661	3	15	3661		40	2	2	3000	32
33		661			3661		40	2	2	3000	34
35		661			661		40	2	2	3000	36
37							40	2	2	3000	38
39							40	2	2	3000	40
41							40	2	2	3000	42
PANEL FEEDER SIZE: 1/0 COPPER 3 PHASE 4 WIRE		TOTAL PHASE: 1263		TOTAL PANEL: 1263		TOTAL CONNECTED LOAD: 940		MAX. AMP'S: 940		G - GROUND BUS	

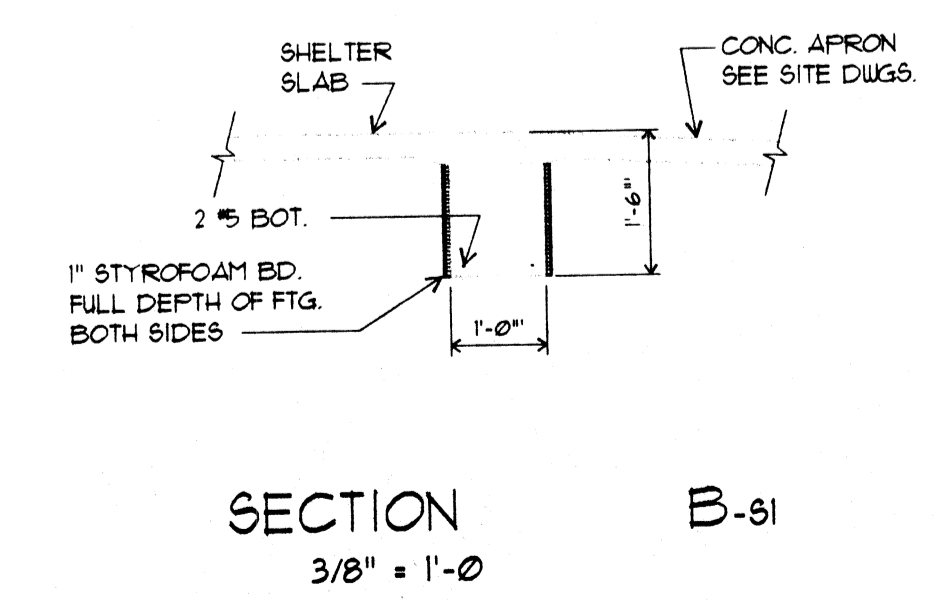
ELECTRICAL FLOOR PLANS, SCHEDULES & DETAILS
 CITY OF MASSILLON-S.R. 241 PARK SITE



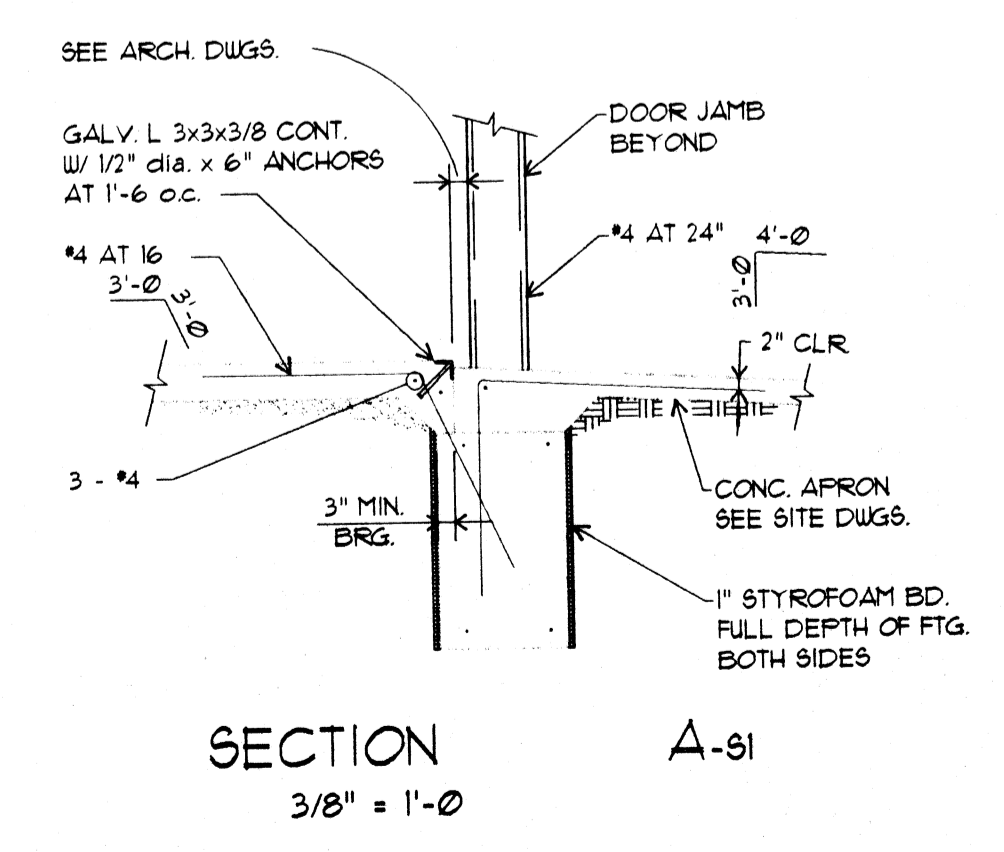


FOUNDATION PLAN
 1/4" = 1'-0"

BOTTOM OF FOOTING ELEVATIONS SHOWN THUS (-) ARE REFERENCED TO FINISHED FLOOR ELEVATION = (+0'-0")
 FLOOR CONSTRUCTION:
 4" SLAB ON GRADE WITH FIBER MESH



SECTION B-S1
 3/8" = 1'-0"

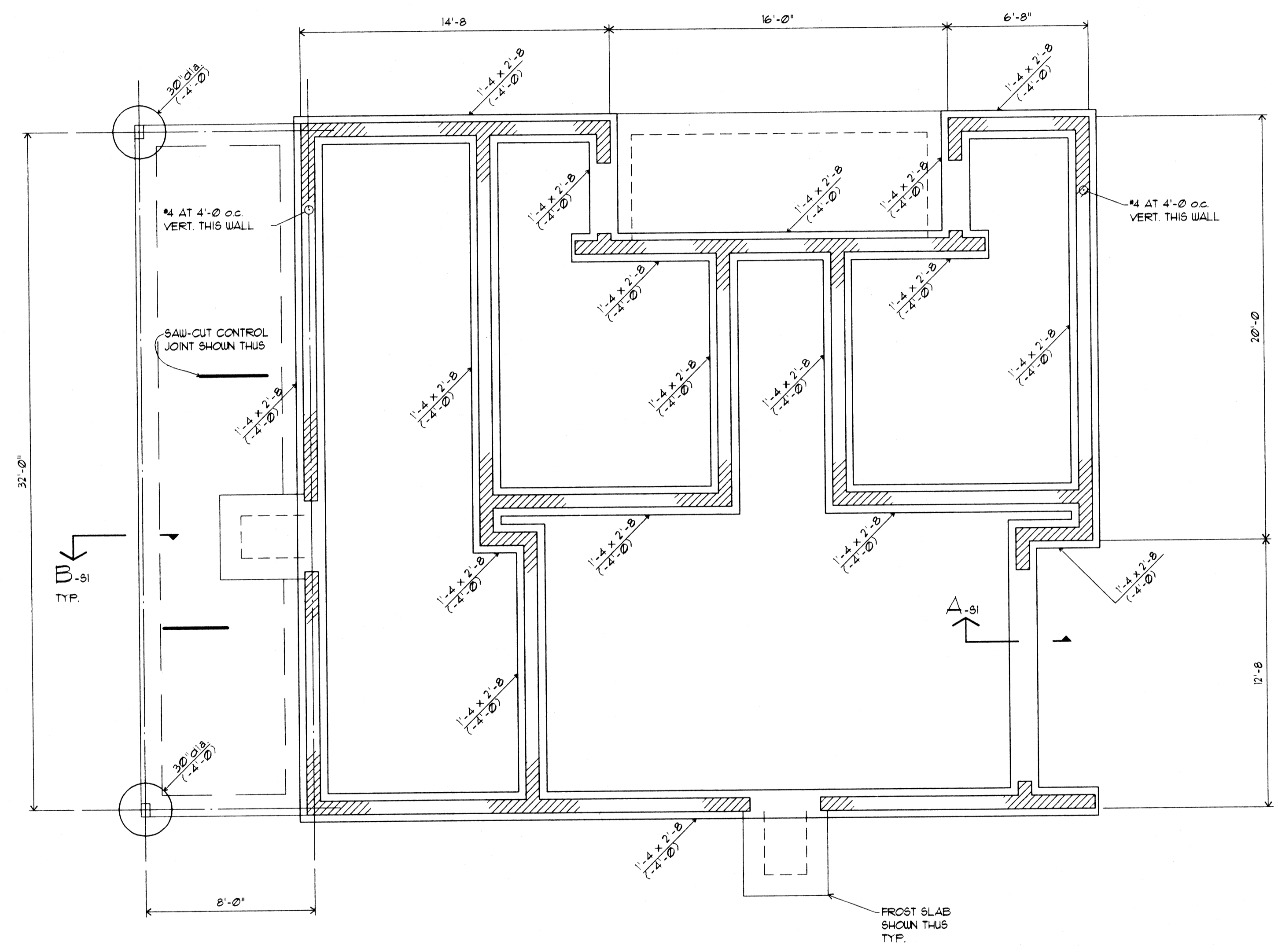


SECTION A-S1
 3/8" = 1'-0"

STRUCTURAL
 CITY OF MASSILLON-S.R. 241 PARK SITE

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FOUNDATION PLAN
 1/4" = 1'-0"
 BOTTOM OF FOOTING ELEVATIONS SHOWN THIS (-) ARE REFERENCED TO FINISHED FLOOR ELEVATION = (-0'-0")
 FLOOR CONSTRUCTION:
 4" SLAB ON GRADE WITH FIBERGLASS

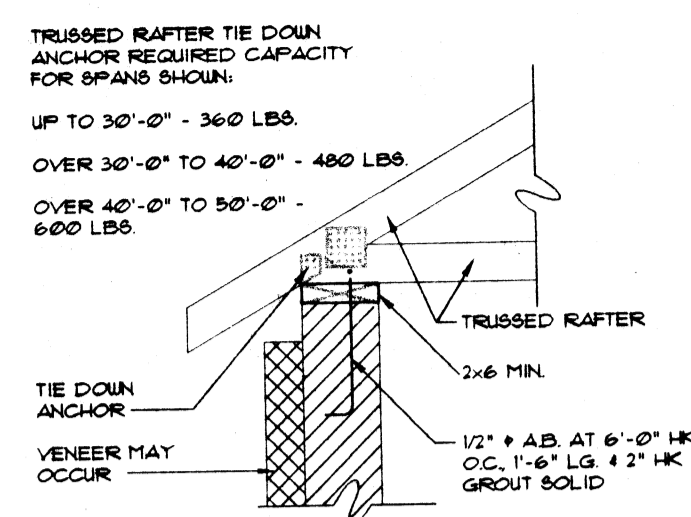
STRUCTURAL
CITY OF MASSILLON-S.R. 241 PARK SITE

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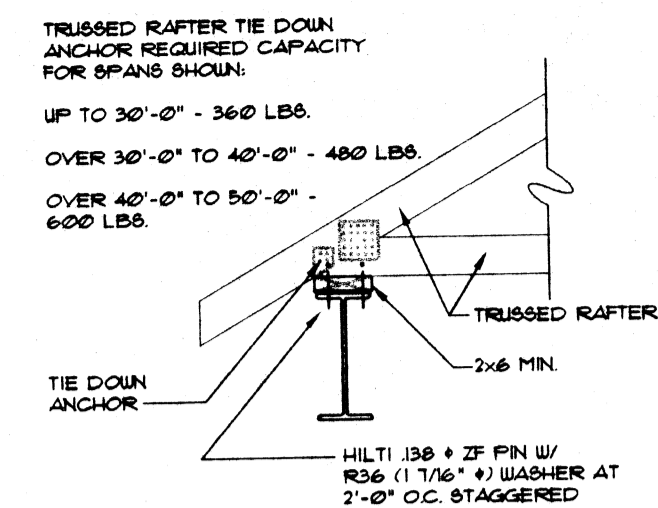
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GENERAL NOTES

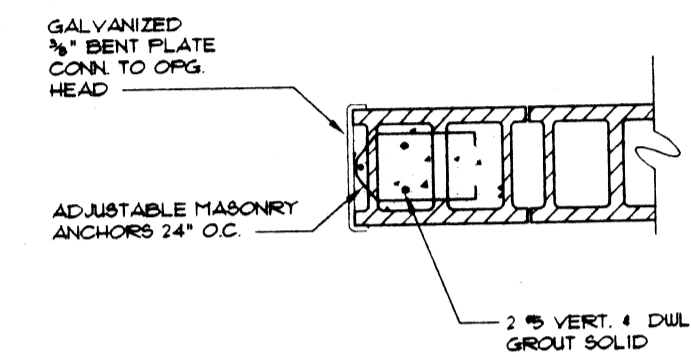
GENERAL NOTES (CONT.)



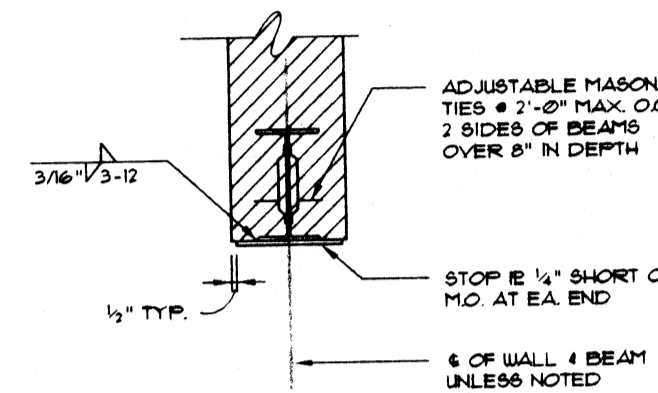
TYP. TRUSSED RAFTER BRG. DETAIL



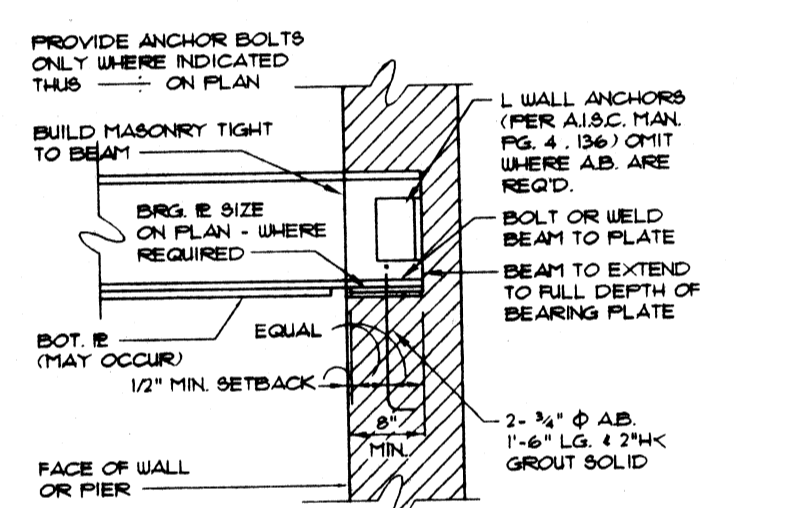
TYP. TRUSSED RAFTER BRG. DETAIL



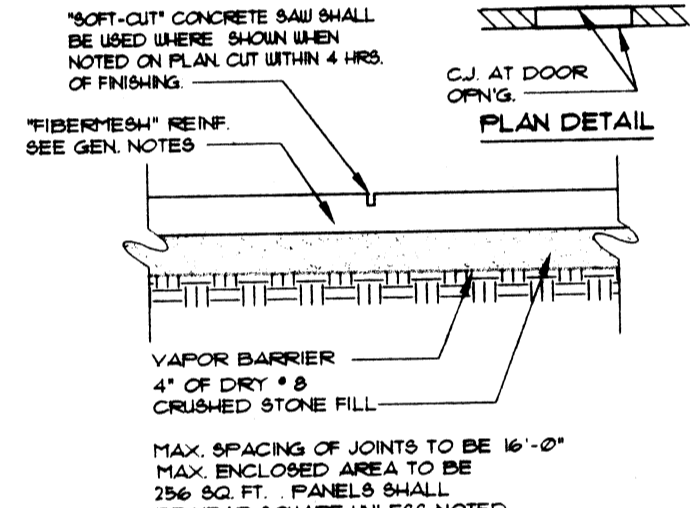
TYP. OVERHEAD DOOR JAMB DET.



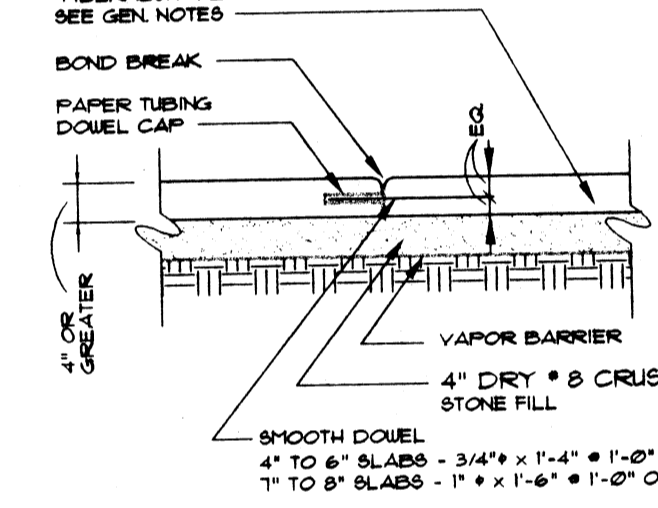
TYP. BOTTOM TIE ANCHOR DETAIL



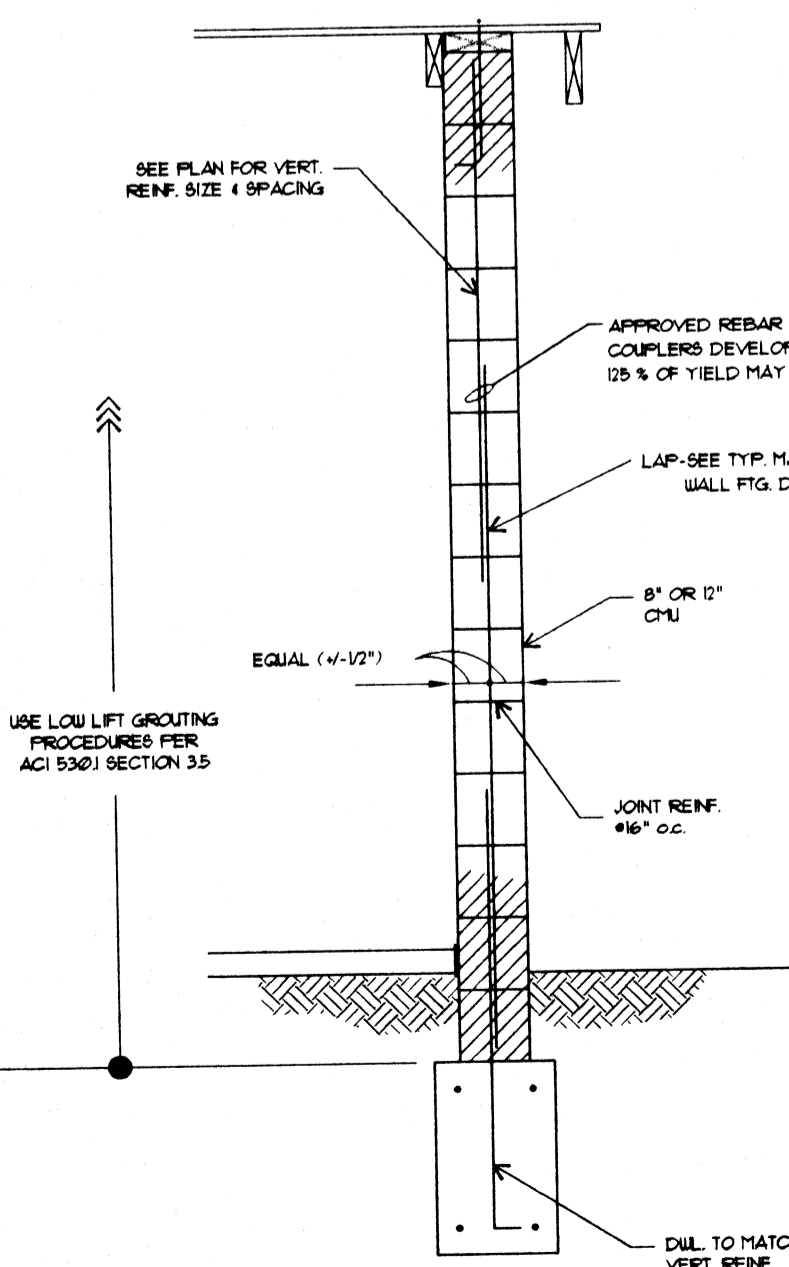
TYP. BEAM BRG. DETAIL



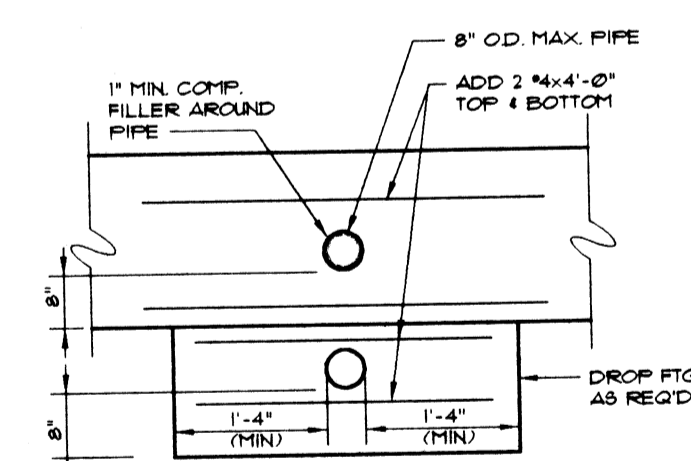
TYP. S.O.G. CONTRACTION JT. DETAIL



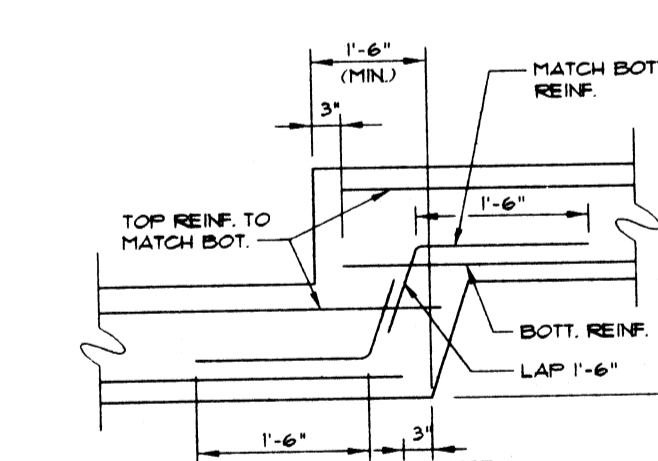
TYP. S.O.G. CONSTR. JT. DETAIL



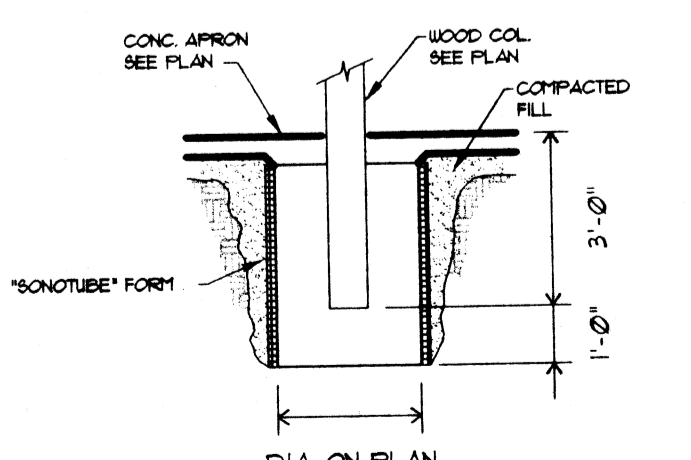
TYP. WALL REINFORCING DETAIL



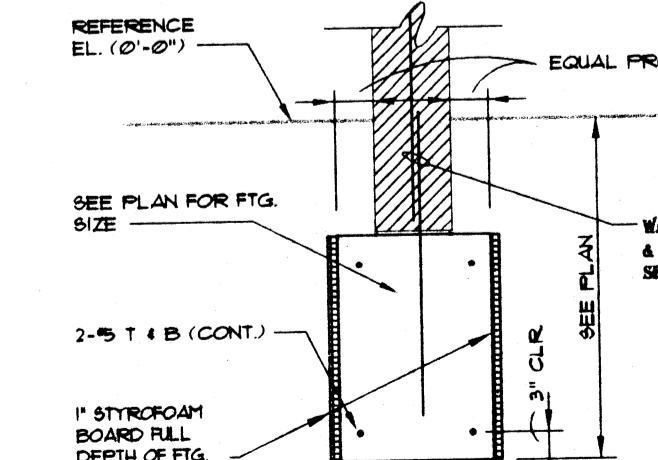
TYP. PIPE THRU FTG. DETAIL



TYP. FOOTING STEP DETAIL



TYPICAL WOOD COLUMN FTG. DETAIL



TYP. MASONRY WALL FTG. DETAIL

LIVE LOADS
 ROOF (SNOW).....30 PSF
 1 = 10
 DRIFT PER O.B.B.C.

SEISMIC LOADS
 AV = 0.071 AA = 0.10 80 MPH ZONE EXPOSURE C 1 = 10
 GROUP I BASIC VELOCITY PRESSURE.....16.4 PSF
 PERFORMANCE CATEGORY B MAGNIFY PER O.B.B.C.

WIND LOADS
 BASIC VELOCITY PRESSURE.....16.4 PSF
 MAGNIFY PER O.B.B.C.

FOUNDATIONS:
 1. DESIGN BEARING PRESSURE IS 4000 PSF ON NATURAL UNDISTURBED COHESIVE MATERIAL OR IMPROVED GRANULAR MATERIAL.
 2. A REPORT ON SUBSURFACE SOILS CONDITIONS FOR THIS PROJECT HAS BEEN PREPARED BY BGC/TRIGGS ENGINEERING, INC. WILLoughby HILLS, OHIO. ALL CONTRACTORS INVOLVED WITH EXCAVATION, BACKFILL AND FOUNDATION CONSTRUCTION SHALL FAMILIARIZE THEMSELVES WITH THIS REPORT.
 3. REMOVE ALL MAN-MADE FILL AND RUBBLE FROM THE BUILDING SITE.
 4. NOTIFY ARCHITECT AND PROJECT GEOTECHNICAL ENGINEER OF UNUSUAL SOIL CONDITION BEFORE PROCEEDING WITH WORK.
 5. FOUNDATION BEARING SURFACES SHALL BE INSPECTED UNDER THE DIRECTION OF THE PROJECT GEOTECHNICAL ENGINEER.
 6. PROVIDE SHEETING, SHORING AND BRACING AS REQUIRED TO PROTECT ADJACENT BUILDINGS, STREETS AND UTILITIES.
 7. FOOTING ELEVATIONS SHOWN ON PLAN ARE TO BOTTOM OF FOOTINGS.
 8. PLACE FOOTINGS AT ELEVATIONS SHOWN OR TO UNDISTURBED SOIL OF DESIGN CAPACITY, WHICHEVER IS LOWER.
 9. FOOTING EXCAVATIONS TO HAVE FLAT BOTTOMS WITH BEARING SURFACES UNDISTURBED BY METHOD OF EXCAVATION AND PROTECTED FROM WATER ACCUMULATION AND FREEZING.
 10. FOOTING STEPS MAY BE 1 VERTICAL TO 2 HORIZONTAL WITH A MAXIMUM STEP OF 2 FEET.

CAST-IN-PLACE CONCRETE:
 1. ALL CONCRETE WORK IS TO BE IN ACCORDANCE WITH SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDING ACI 301-96, AS SUPPLEMENTED BY THE PROJECT SPECIFICATIONS.
 2. **ADMIXTURES:**
 A. USE AN APPROVED MID RANGE WATER REDUCER (MRWR) FOR ALL SLABS ON GRADE.
 B. USE AN APPROVED AIR ENTRAINING AGENT FOR ALL CONCRETE EXPOSED TO WEATHER OR VEHICULAR TRAFFIC. USE 6% ENTRAINED AIR PLUS 1% MINUS 1%.
 C. THE USE OF CALCIUM CHLORIDE OR ADMIXTURES CONTAINING CHLORIDES IS PROHIBITED.
 D. USE AN APPROVED WATER REDUCING AGENT OR MID RANGE WATER REDUCER FOR ALL CONCRETE EXCEPT FOOTINGS.
 E. FLY ASH SHALL NOT BE USED.
 3. **REINFORCING STEEL:**
 A. DEFORMED BARS PER ASTM A615, GRADE 60
 B. LAP REINFORCEMENT 38 DIAMETERS UNLESS OTHERWISE NOTED.
 C. PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCEMENT PER CRSI RECOMMENDATIONS.
 4. **CONCRETE LOCATION:**

LOCATION	STRENGTH	MAX. SLUMP	REMARKS
SPREAD FOOTINGS AND WALL FOOTINGS	3000	5"	
SLABS ON GRADE	4000	3 1/2"	WITH MRWR; FIBERGLASS AIR

5. **CURING:** WET OR MOIST CURE ALL SLABS PER ACI 301.
 6. **CONCRETE MIXES** SHALL BE PROPORTIONED IN ACCORDANCE WITH ACI 301.
 7. **CONCRETE ENGINEERED FIBERS** SHALL BE AS MANUFACTURED BY FIBERGLASS, INC. OR BY FORTA CORPORATION. FIBERS SHALL BE USED IN ALL CONCRETE AS INDICATED ON THE DRAWINGS AND IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. USE 1 1/2 LBS. PER CUBIC YARD OF EITHER 16091 MID FIBER BY FIBERGLASS OR 1 1/2" FORTA ECONO-NET BY FORTA CORP.

MASONRY:
 1. THE MASONRY ELEMENTS OF THIS BUILDING ARE DESIGNED IN ACCORDANCE WITH "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" ACI 530-95, PUBLISHED BY THE AMERICAN CONCRETE INSTITUTE.
 2. MATERIALS AND CONSTRUCTION METHODS SHALL BE AS SPECIFIED IN "SPECIFICATIONS FOR MASONRY STRUCTURES ACI 530-95" PUBLISHED BY THE AMERICAN CONCRETE INSTITUTE.
 3. ALL TESTING AND INSPECTION SHALL BE DONE BY AN INDEPENDENT TESTING LABORATORY.
 4. LOAD BEARING CONCRETE MASONRY UNITS PER ASTM C90-92B, FM 1500 PSI DETERMINED BY THE UNIT STRENGTH METHOD OR PRISM TEST METHOD.
 5. MORTAR FOR MASONRY PER ASTM C270-92A, TYPE S, 1800 PSI CUBE STRENGTH.
 6. GROUT PER ASTM C476-91 20000 PSI MINIMUM. SLUMP TO BE 9 ± 1".
 7. **REINFORCEMENT:**
 A. WIRE FOR HORIZONTAL JOINT REINFORCEMENT PER ASTM A82-85 LADDER TYPE, GALVANIZED AFTER FABRICATION.
 B. REINFORCING BARS PER ASTM A615, GRADE 60, LAP SPICES 48 DIAMETERS MINIMUM AND GROUT SOLID INTO WALLS.
 8. PROVIDE 16" OF SOLID MASONRY UNDER WALL BEARING BEAMS AND 8" OF SOLID MASONRY UNDER WALL BEARING SLABS AND
 AND
 9. LINTELS UNLESS OTHERWISE NOTED ON THE DRAWINGS.
 10. **LOOSE LINTEL SCHEDULE:** (USE FOR LINTELS NOT CALLED OUT ON THE DRAWINGS)
 FOR 6" WALLS:
 OPENINGS UP TO 5'-0".....UT 4 X 9
 OPENINGS FROM 5'-0" TO 7'-0".....UT 5 X 11
 FOR 8" AND 12" WALLS:
 OPENINGS UP TO 4'-0".....ANGLE 3 1/2 X 3 1/2 X 5/16 LLV
 OPENINGS OVER 4'-0" TO 5'-0".....ANGLE 4 X 3 1/2 X 5/16 LLV
 OPENINGS OVER 5'-0" TO 6'-0".....ANGLE 5 X 3 1/2 X 5/16 LLV
 OPENINGS OVER 6'-0" TO 7'-0".....ANGLE 6 X 3 1/2 X 5/16 LLV

USE 1 ANGLE FOR EACH 4" W/TH OF MASONRY.
 LINTEL BEARING SHALL BE 1" PER FOOT OF OPENING AT EACH END WITH A MINIMUM OF 6".
 ALL LINTELS SHALL BEAR ON SOLID OR GROUTED MASONRY.
 BEAMS AND LINTELS IN EXTERIOR WALLS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A123.
 MINIMUM THICKNESS OF LINTELS IN EXTERIOR WALLS = 5/16".

STRUCTURAL STEEL:
 1. DETAILING, FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH THE LATEST SPECIFICATIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
 2. ANCHOR BOLTS INTO CONCRETE OR MASONRY TO BE PER ASTM A307 OR ASTM A36.
 3. ELECTRODES TO BE E70XX COATED TYPE, LOW HYDROGEN CLASSIFICATION.
 4. ALL STEEL PER ASTM A36.
 5. LINTEL BEAMS BUILT INTO EXTERIOR MASONRY WALLS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A123.

3. **STRUCTURAL GLUED LAMINATED TIMBER:**
 A. GLUED LAMINATED TIMBER SHALL BE OF MATERIAL, MANUFACTURE AND QUALITY CONTROL CONFORMING TO THE AMERICAN NATIONAL STANDARD ANSI/AITC A1901-1992, "STRUCTURAL GLUED LAMINATED TIMBER" AND AITC 117.
 B. LAMINATING COMBINATIONS FOR BEAMS SHALL PROVIDE THE FOLLOWING MINIMUM ALLOWABLE DESIGN VALUES.
 "MANUFACTURING"
 FOR STRUCTURAL GLUED LAMINATED TIMBER OF SOFTWOOD SPECIES
 B. LAMINATING COMBINATIONS FOR COLUMNS SHALL PROVIDE THE FOLLOWING MINIMUM ALLOWABLE DESIGN VALUES:
 COMPRESSION PARALLEL TO GRAIN
 E = 1,400,000 PSI
 D. ADHESIVES SHALL BE FOR WET CONDITIONS OF SERVICE.
 E. APPEARANCE SHALL BE INDUSTRIAL GRADE.
 F. ALL WOOD EXPOSED TO WEATHER TO BE PRESERVE PRESERVATIVE TREATED PER AWP-C-28.
 G. MEMBERS SHALL BE SEALED WITH SEALER COAT COMPATIBLE WITH FINAL FINISH, MARKED WITH AITC "QUALITY INSPECTED"
 H. FABRICATOR SHALL DESIGN AND FURNISH CONNECTION STEEL AND HARDWARE FOR BEAMS AND COLUMNS. SEE DRAWINGS FOR GENERAL CRITERIA FOR CONNECTION HARDWARE.

4. **TRUSSED RAFTERS:**
 A. THE DESIGN, FABRICATION AND ERECTION OF ALL TRUSSED RAFTERS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" PLUS SUPPLEMENT "DESIGN VALUES FOR WOOD CONSTRUCTION" BY THE NATIONAL FOREST PRODUCT ASSOCIATION, "DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES" AND "QUALITY CONTROL MANUAL" BY THE TRUSS PLATE INSTITUTE.
 B. CALCULATIONS FOR ALL TRUSSED RAFTERS SHALL BE SUBMITTED FOR REVIEW WITH SHOP DRAWINGS. CALCULATIONS SHALL BE SEALED BY A PROFESSIONAL ENGINEER (OHIO REGISTRATION). ALL TRUSSED RAFTERS SHALL BE BRACED DURING ERECTION AND AFTER PERMANENT INSTALLATION, IN ACCORDANCE WITH "HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES" (HIB-91) BY TRUSS PLATE INSTITUTE.
 C. THE TRUSS CONNECTOR MANUFACTURER SHALL BE A MEMBER OF THE TRUSS PLATE INSTITUTE AND THE FABRICATOR SHALL BE LICENSED OR FRANCHISED BY THE CONNECTOR MANUFACTURER.
 D. AN ERECTION PLAN SHALL BE SUBMITTED WITH SHOP DRAWINGS.
 5. **WOOD DECKING:**
 WOOD DECKING FOR SLOPING ROOF SHALL BE IN ACCORDANCE WITH STANDARD FOR TONGUE AND GROOVE HEAVY TIMBER ROOF DECKING AITC 112-93 BY THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION.
 A. ALL DECKING SHALL BE SOUTHERN PINE, COMMERCIAL QUALITY.
 B. DECKING SHALL BE INSTALLED USING CONTROLLED RANDOM LAY-UP PATTERN PER AITC 112-93.
 C. EACH PIECE SHALL BE TOENailed THROUGH THE TONGUE AND FACE Nailed WITH ONE NAIL SUPPORT, USING 16D COMMON NAILS.
 D. DECKING SHALL BE INSTALLED WITH TONGUES UP ON SLOPED ROOF.
 E. DECKING SHALL BE INSTALLED WITH PATTERN FACE DOWN.
 INSPECTION:
 ROUTINE INSPECTION AND TESTING SERVICES SHALL BE PROVIDED BY AN APPROVED INDEPENDENT TESTING LABORATORY PER ASTM E329. REPORT SHALL BE SENT DIRECTLY TO THE OWNER ARCHITECT, STRUCTURAL ENGINEER AND CONTRACTOR. CONCRETE TEST REPORTS SHALL ALSO BE SENT TO READY MIX SUPPLIER. THESE SERVICES SHALL INCLUDE THE FOLLOWING:

CONCRETE: DESIGN MIX DATA, DAILY FOUR REPORTS, CYLINDER TESTS, ENTRAINED AIR TEST, RECORD & REPORT SLUMP FOR EACH TRUCK BEFORE AND AFTER ADDITION OF HOUR PLACEMENT.
REINFORCEMENT: SIZE AND LOCATION OF SPECIAL PIERS, USE OF PROPER MASONRY UNITS, BEARING SURFACES, REINFORCING STEEL AND GROUTING BEARING SURFACE.
FOUNDATIONS:

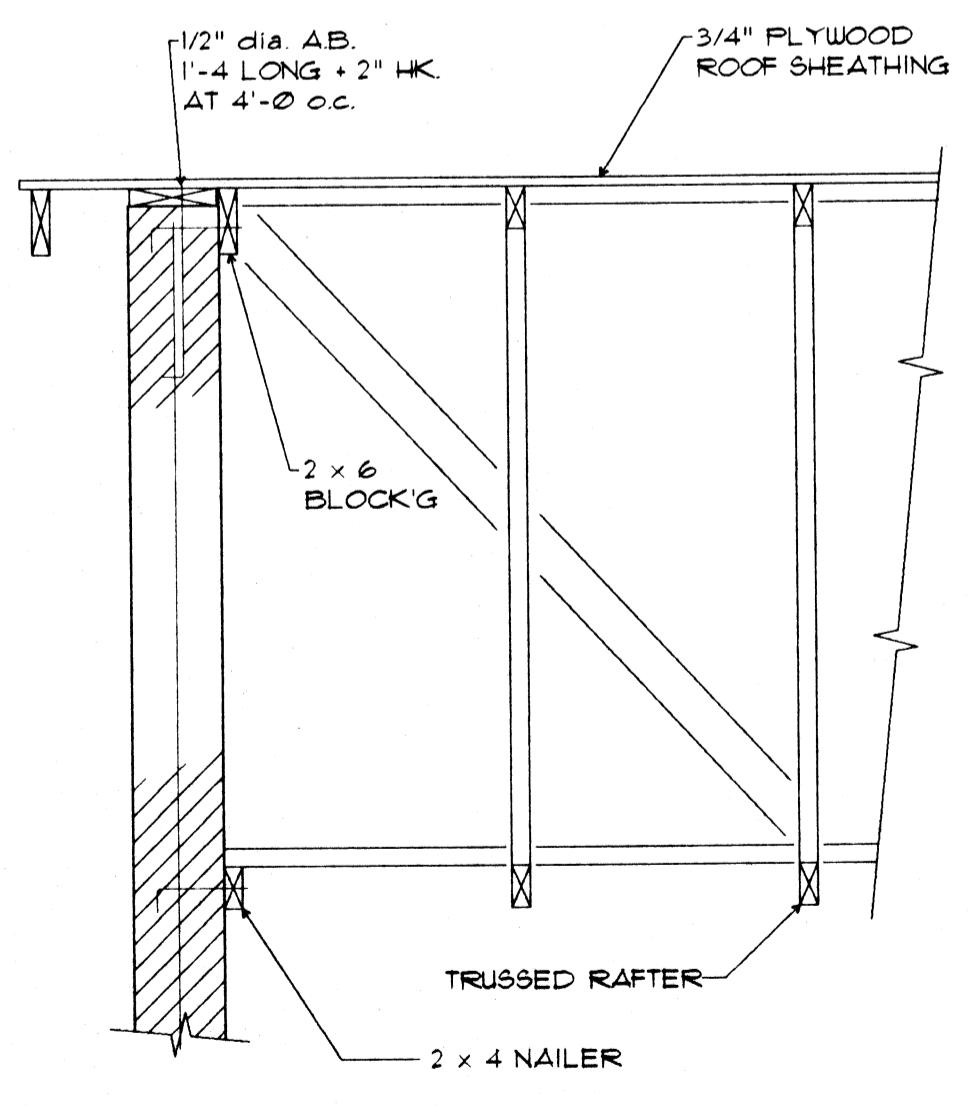
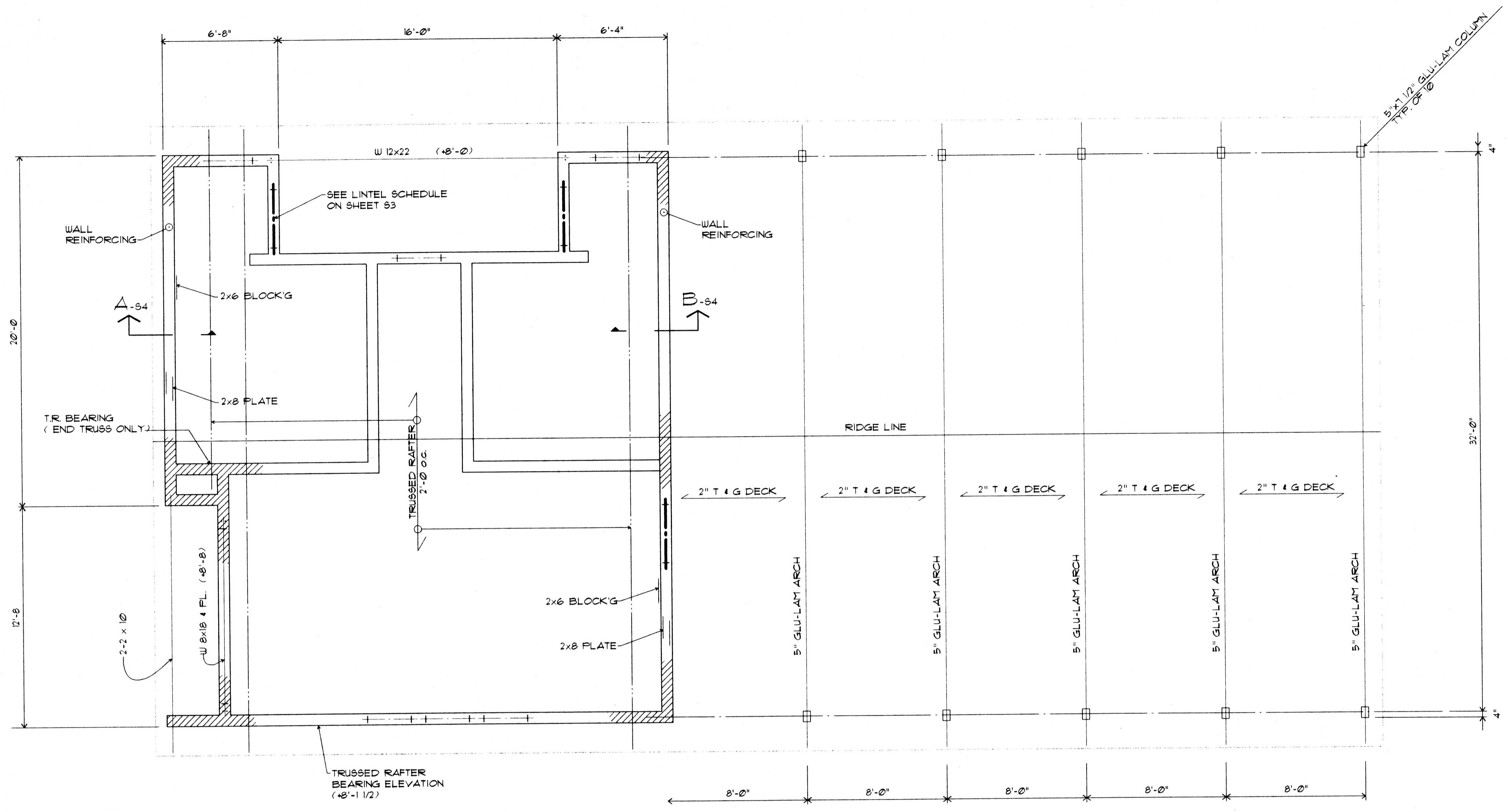
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 CHKD. BY: LDL
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STRUCTURAL
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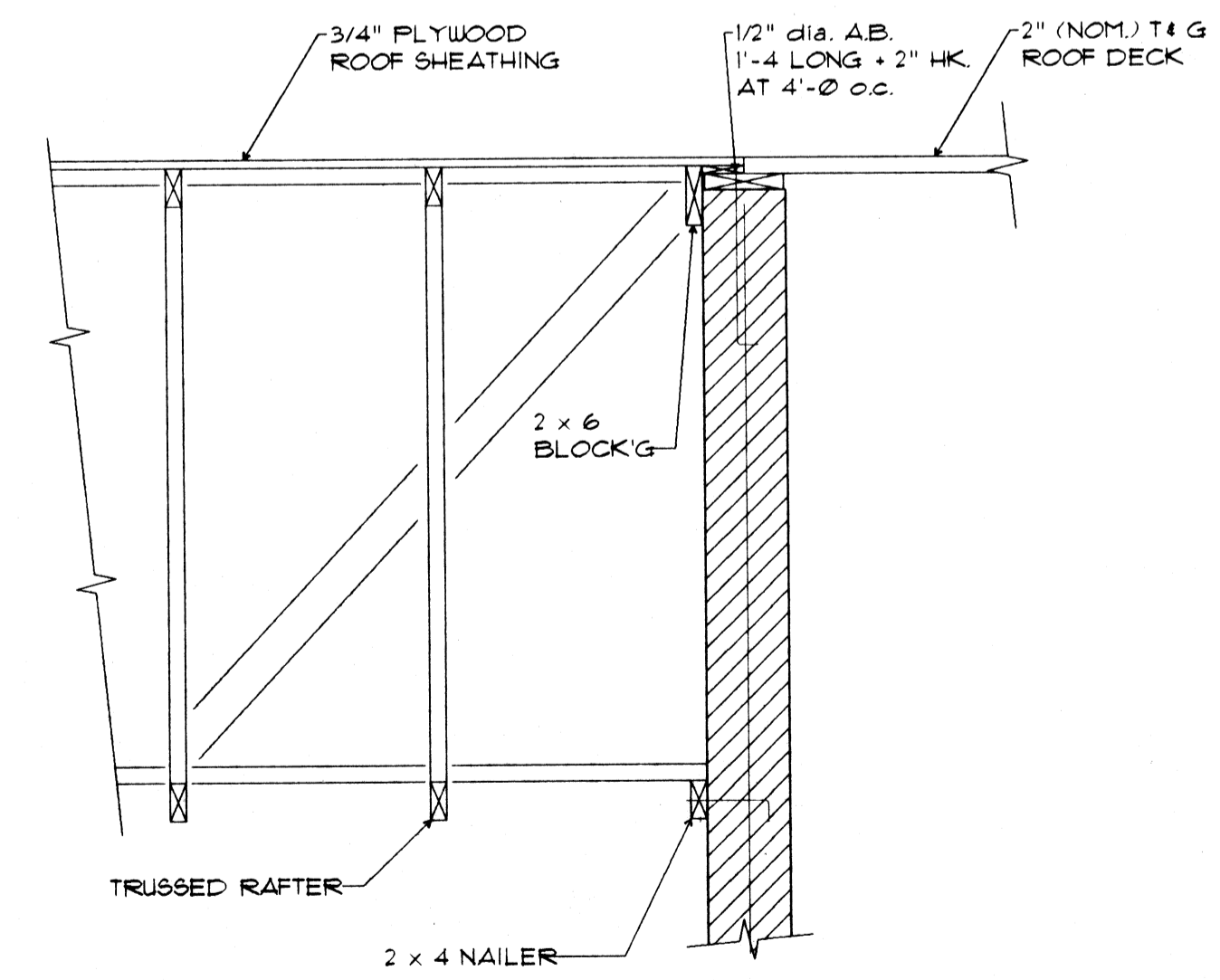
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DRAWN BY:	CWT
CHKD. BY:	LDL
DATE ISSUED:	7-27-98
REVISED:	



SECTION A-84
3/4" = 1'-0"

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

TOP OF STEEL ELEVATIONS SHOWN THUS (+) ARE REFERENCED TO FINISHED FLOOR ELEVATION = (+0'-0")
 ROOF CONSTRUCTION:
 3/4" PLYWOOD ROOF SHEATHING W/ PLYCLIPS NAILED TO TRUSSED RAFTERS.
 2" NOMINAL T & G WOOD DECK NAILED TO GLU-LAM ARCHES.

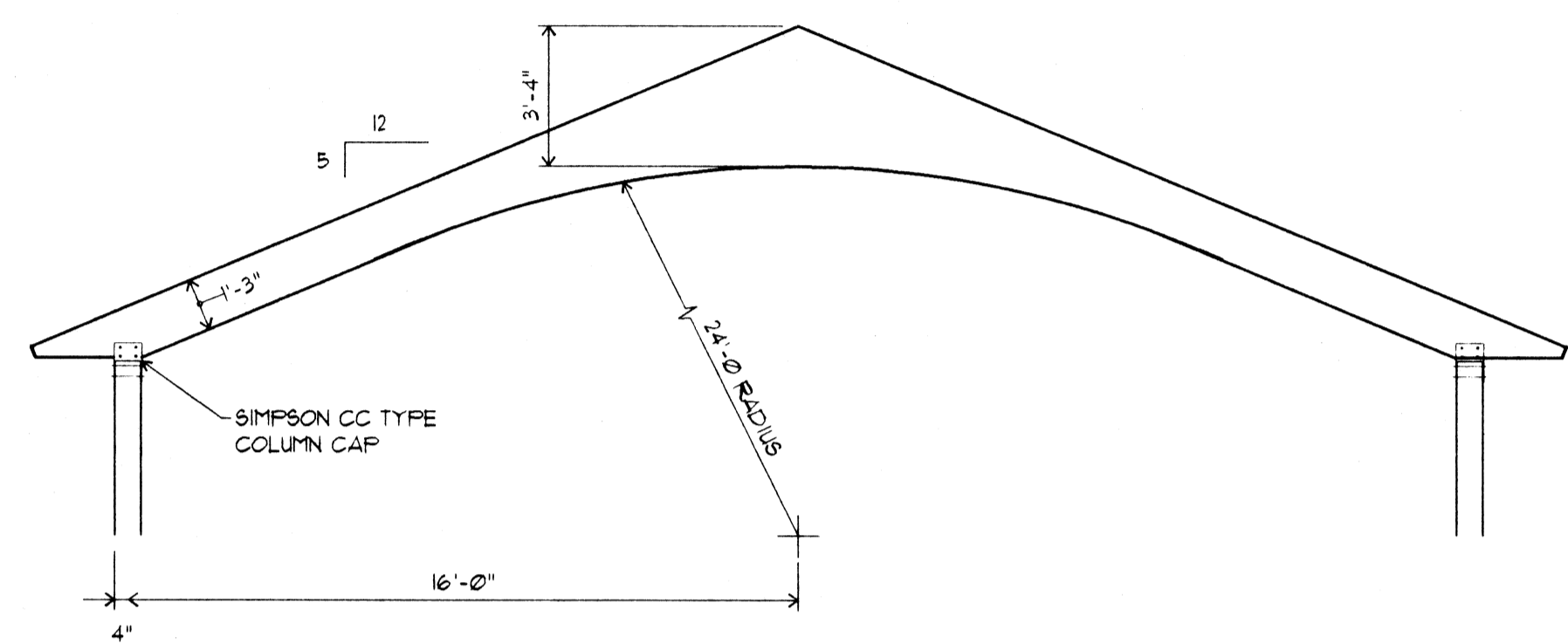


SECTION B-84
3/4" = 1'-0"

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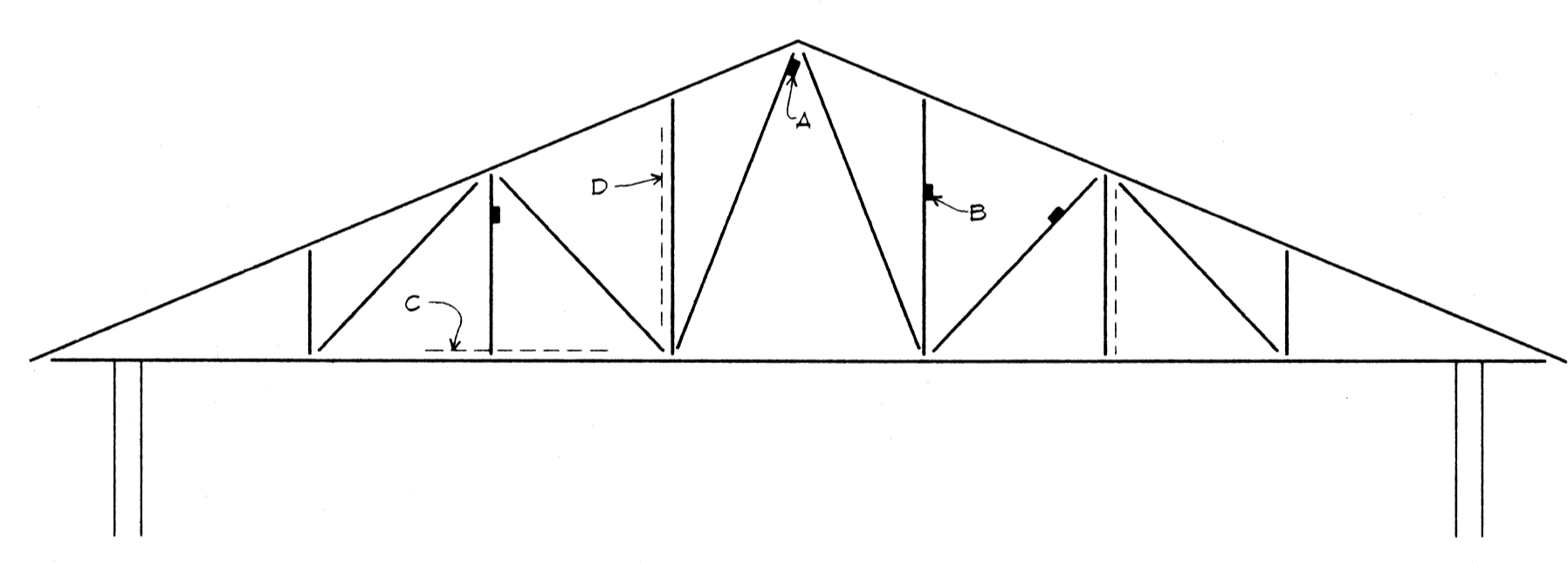
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TYPICAL GLU-LAM ARCH ELEVATION

SUPERIMPOSED LOAD FOR DESIGN OF ARCH:
 LIVE LOAD --- 30 psf (SNOW)
 DEAD LOAD --- 10 psf
 40 psf TOTAL

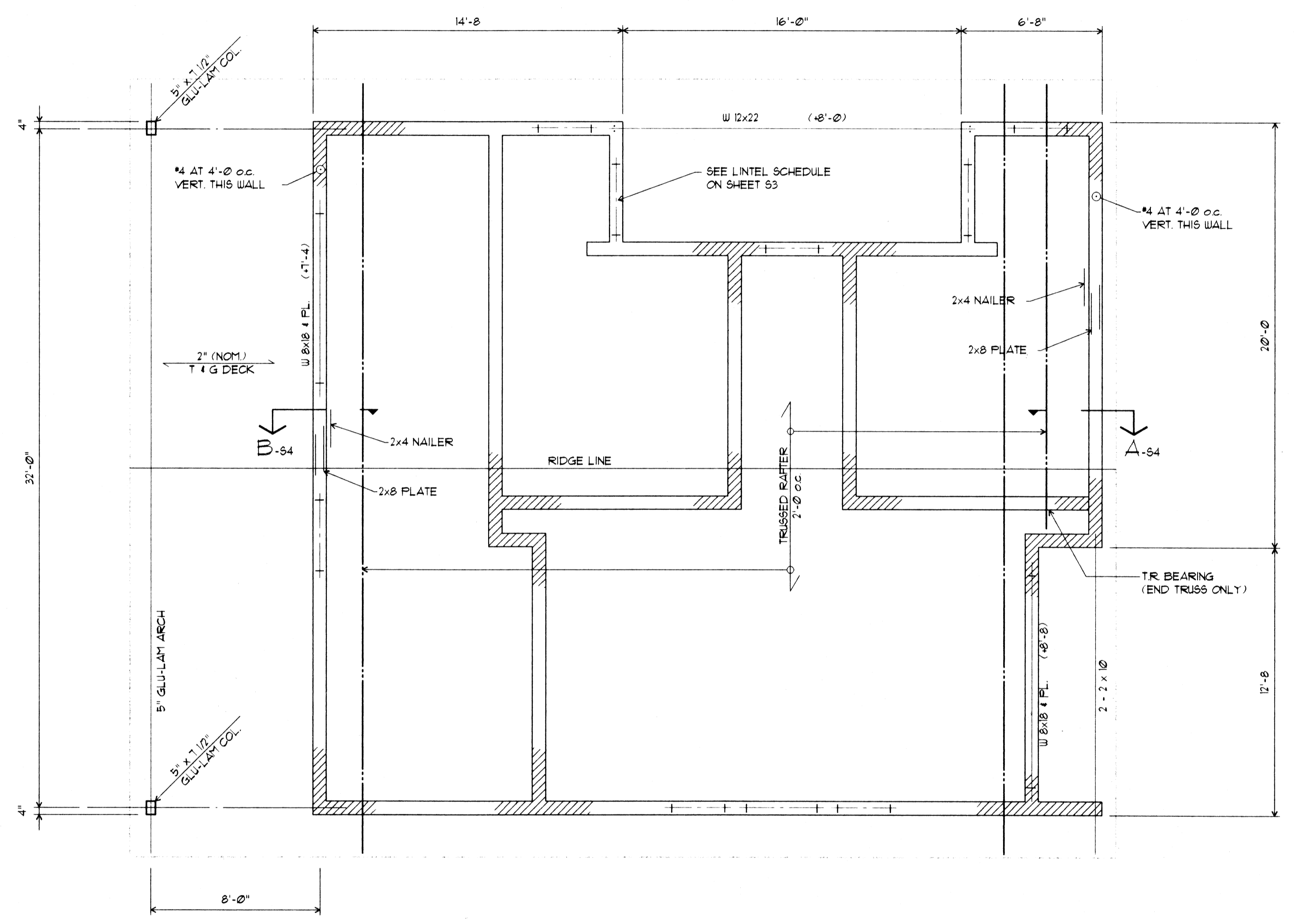


TYPICAL TRUSS RAFTER ELEVATION

SUPERIMPOSED LOADS FOR THE DESIGN OF TRUSSED RAFTERS

TOP CHORD LIVE LOAD	30 psf
TOP CHORD DEAD LOAD	10 psf
BOTTOM CHORD DEAD LOAD	10 psf
TOTAL	50 psf

- TRUSSED RAFTER BRIDGING AND BRACING WORK
- NOTE 'A':
 PROVIDE TEMPORARY BRACING AS REQUIRED. SEE T.P.I. PUBLICATION HIB-91 FOR RECOMMENDATIONS.
- NOTE 'B':
 PROVIDE PERMANENT LATERAL BRACING AS REQUIRED BY TRUSS DESIGN.
- NOTE 'C':
 PROVIDE 45° DIAGONAL BRACING IN PLANE OF BOTTOM CHORD AT ENDS OF BUILDING AND AT 20'-0" INTERVALS.
- NOTE 'D':
 PROVIDE 45° DIAGONAL BRACING IN PLANE OF WEB MEMBERS AT ENDS OF BUILDING AND AT 20'-0" INTERVALS.



ROOF FRAMING PLAN
 1/4" x 1'-0"

TOP OF STEEL ELEVATIONS SHOWN THIS (-) ARE REFERENCED TO FINISHED FLOOR ELEVATION + (-0'-0").

ROOF CONSTRUCTION:
 3/4" PLYWOOD ROOF SHEATHING W/ PLYCLIPS NAILED TO TRUSSED RAFTERS.
 2" (NOMINAL) T & G WOOD DECK NAILED TO GLU-LAM ARCHES.

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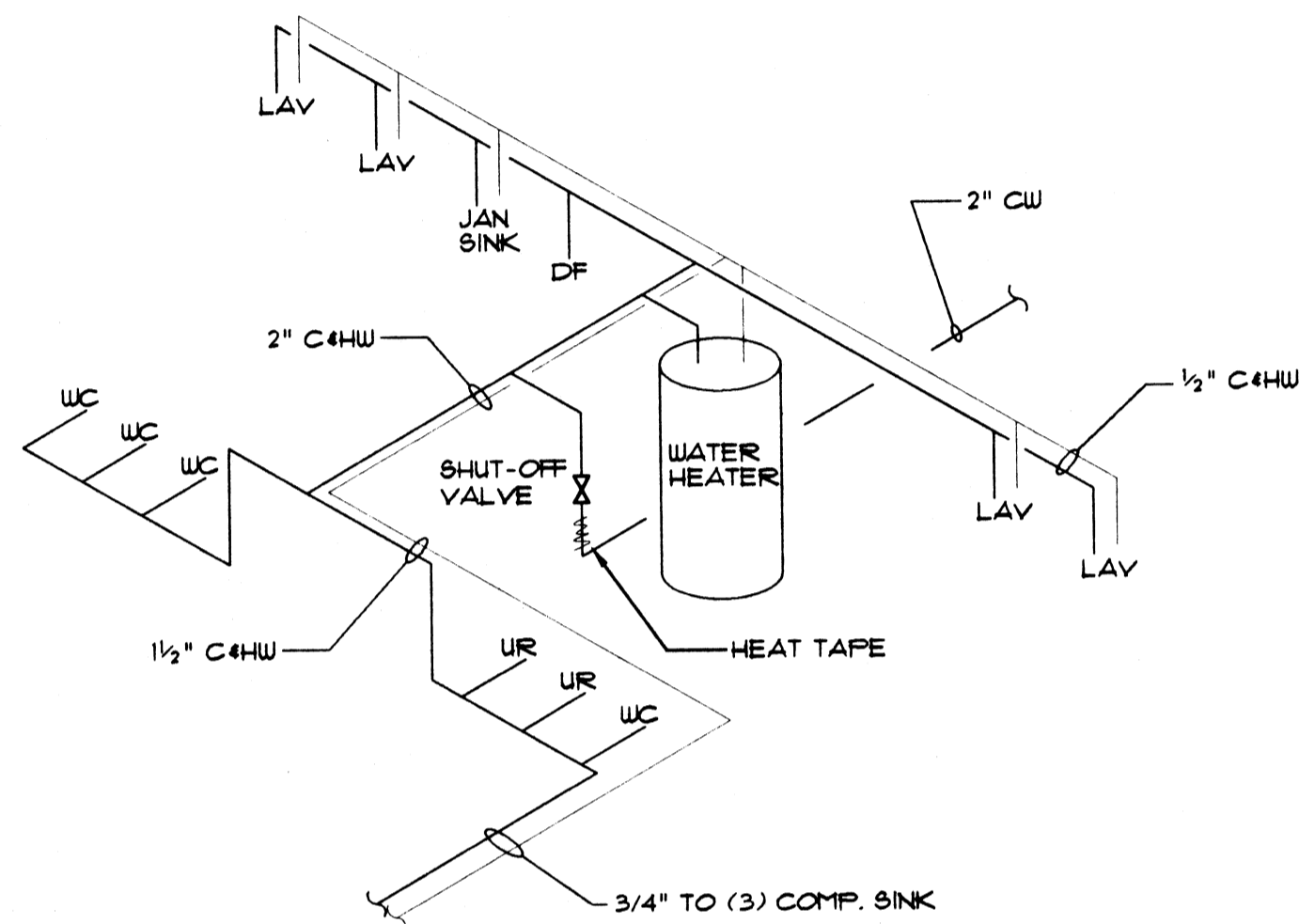
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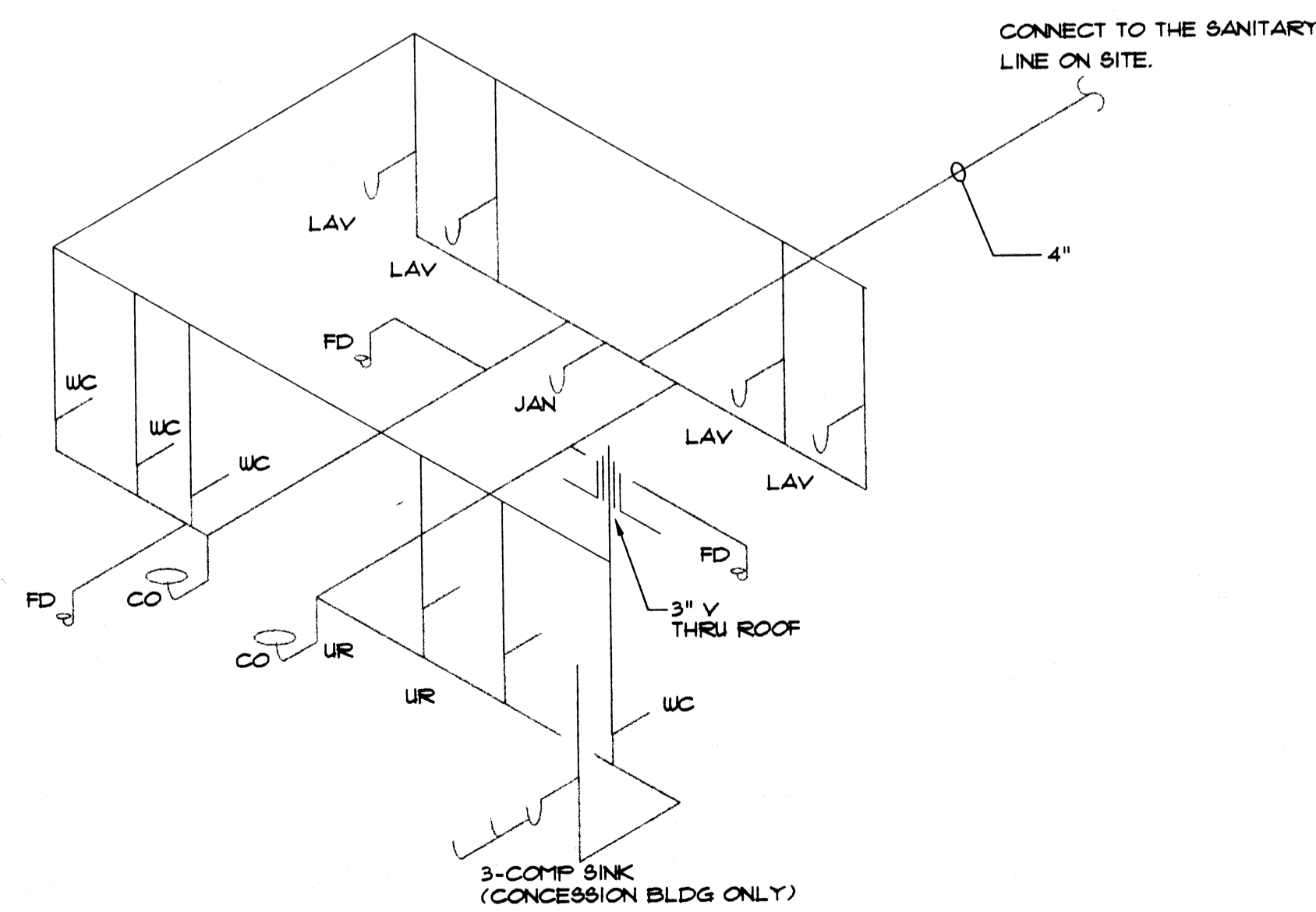
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PLUMBING GENERAL NOTES

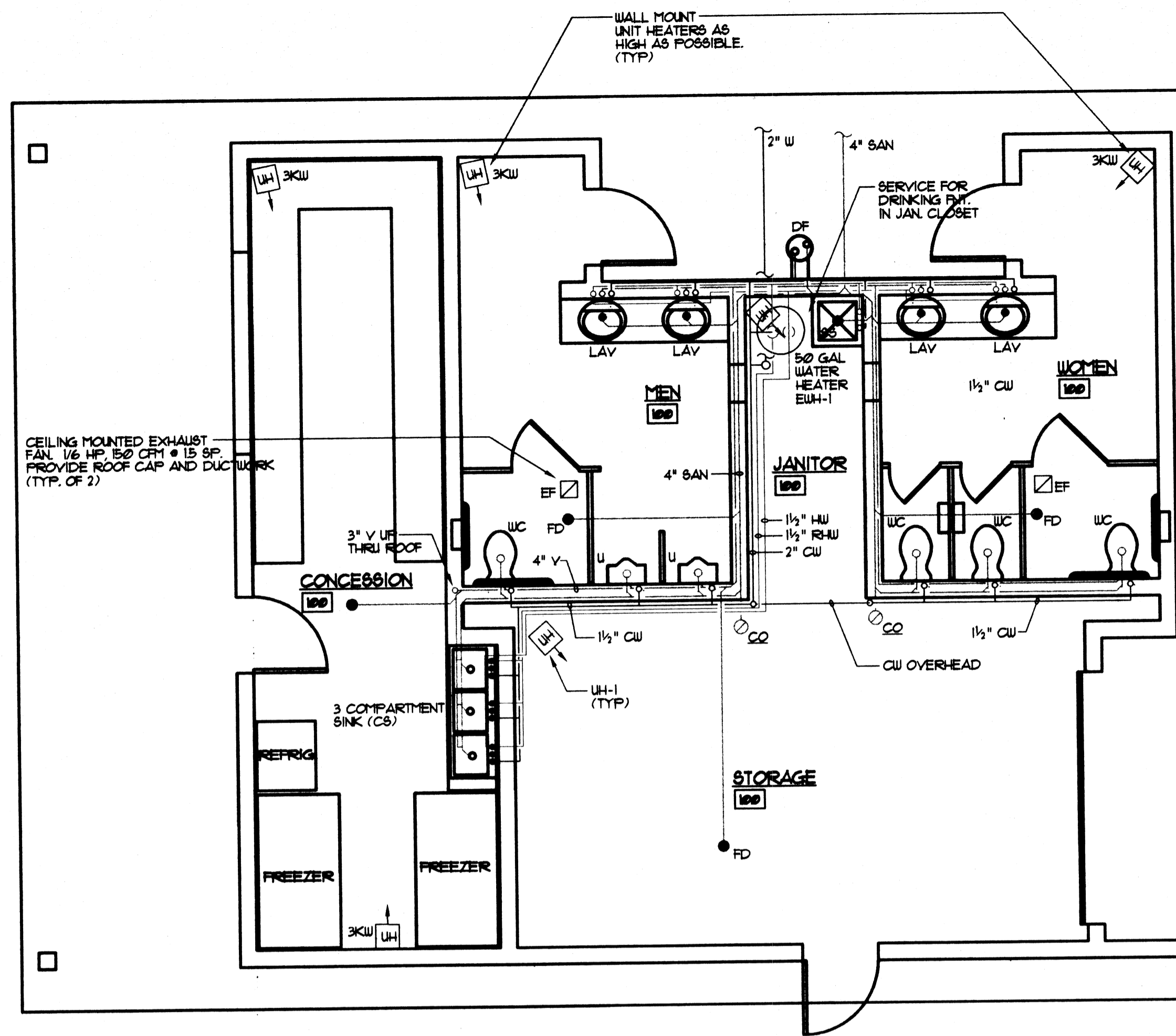
1. ALL WORK IS TO BE INSTALLED PER LOCAL BUILDING CODES AND APPROVED BY LOCAL BUILDING INSPECTORS.
2. COORDINATE CONNECTION TO LOCAL UTILITIES AND INSTALL PER ALL UTILITY REQUIREMENTS. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS WORK.
3. LOCATION OF PIPING AND EQUIPMENT SHOWN ON DRAWINGS ARE DIAGRAMMATIC. EXACT LOCATIONS SHALL BE SUBJECT TO BUILDING CONSTRUCTION AND INTERFERENCE WITH OTHER WORK.
4. SANITARY AND VENT PIPING TO BE SCH 40 PVC PLASTIC PIPE WITH SOLVENT WELDED JOINTS. BUILDING DRAINS TO BE INSTALLED WITH A MINIMUM PITCH OF 1.25%.
5. PROVIDE CLEAN OUTS AT ALL CHANGES IN DIRECTION, BOTTOM OF STACKS AND AT 50 FT INTERVALS.
6. DOMESTIC HOT AND COLD WATER PIPING TO BE TYPE L SEAMLESS COPPER TUBING WITH CAST BRASS OR WROUGHT COPPER JOINTS. SOLDER TO BE LEAD FREE TYPE.
7. PROVIDE BALL TYPE SERVICE VALVES AT ALL EQUIPMENT CONNECTIONS.
8. INSULATE HOT AND COLD WATER PIPING WITH 1" THICK HEAVY DENSITY FIBERGLASS INSULATION WITH A SELF SEALING VAPOR BARRIER JACKET.
9. STORM PIPING SYSTEM IS EXISTING AND IS TO REMAIN. TEST SYSTEM AND MAKE ANY NECESSARY REPAIRS.



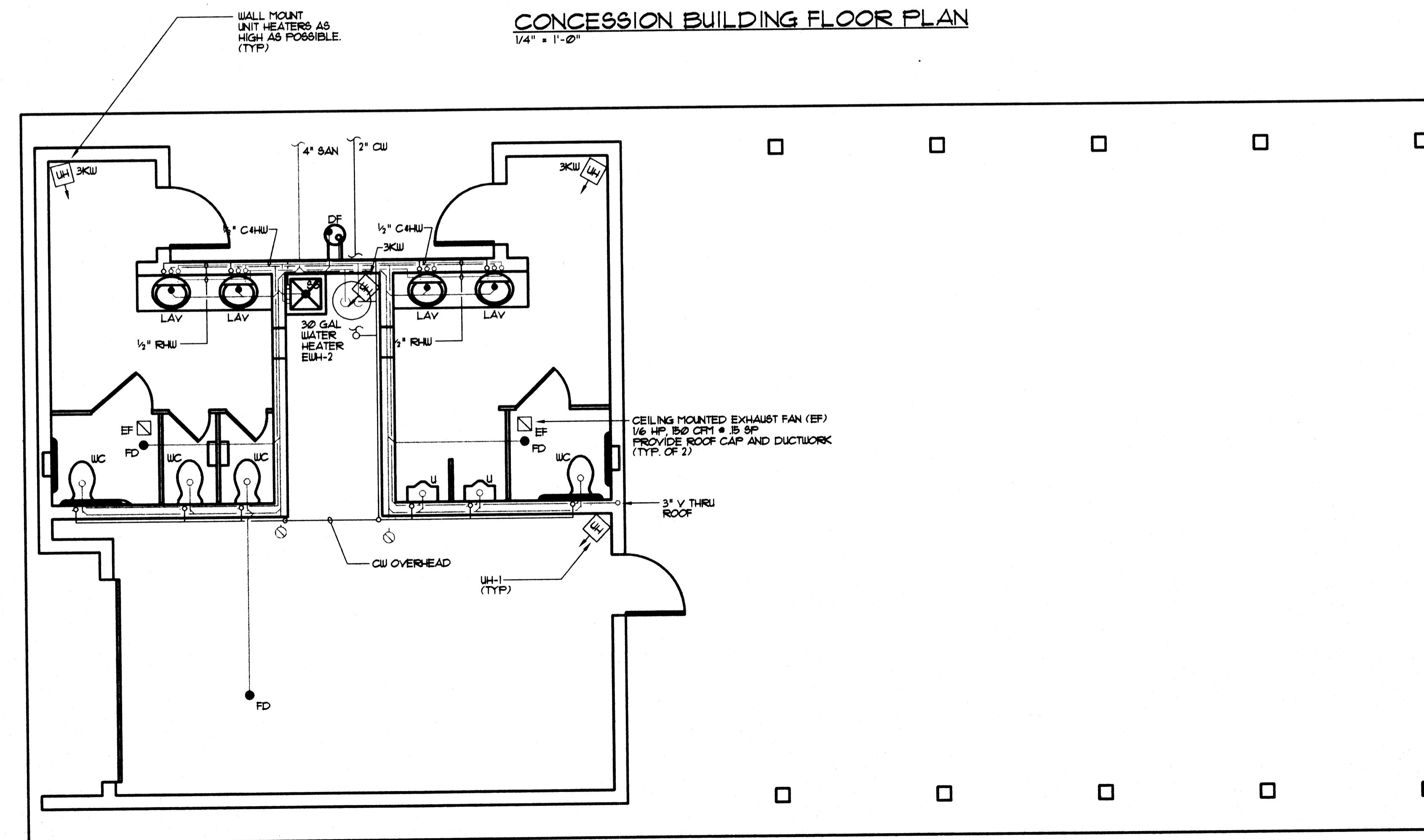
DOMESTIC WATER DIAGRAM
NO SCALE



STACK DIAGRAM
NO SCALE



CONCESSION BUILDING FLOOR PLAN
1/4" = 1'-0"



PARK PICNIC BUILDING FLOOR PLAN
1/4" = 1'-0"

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