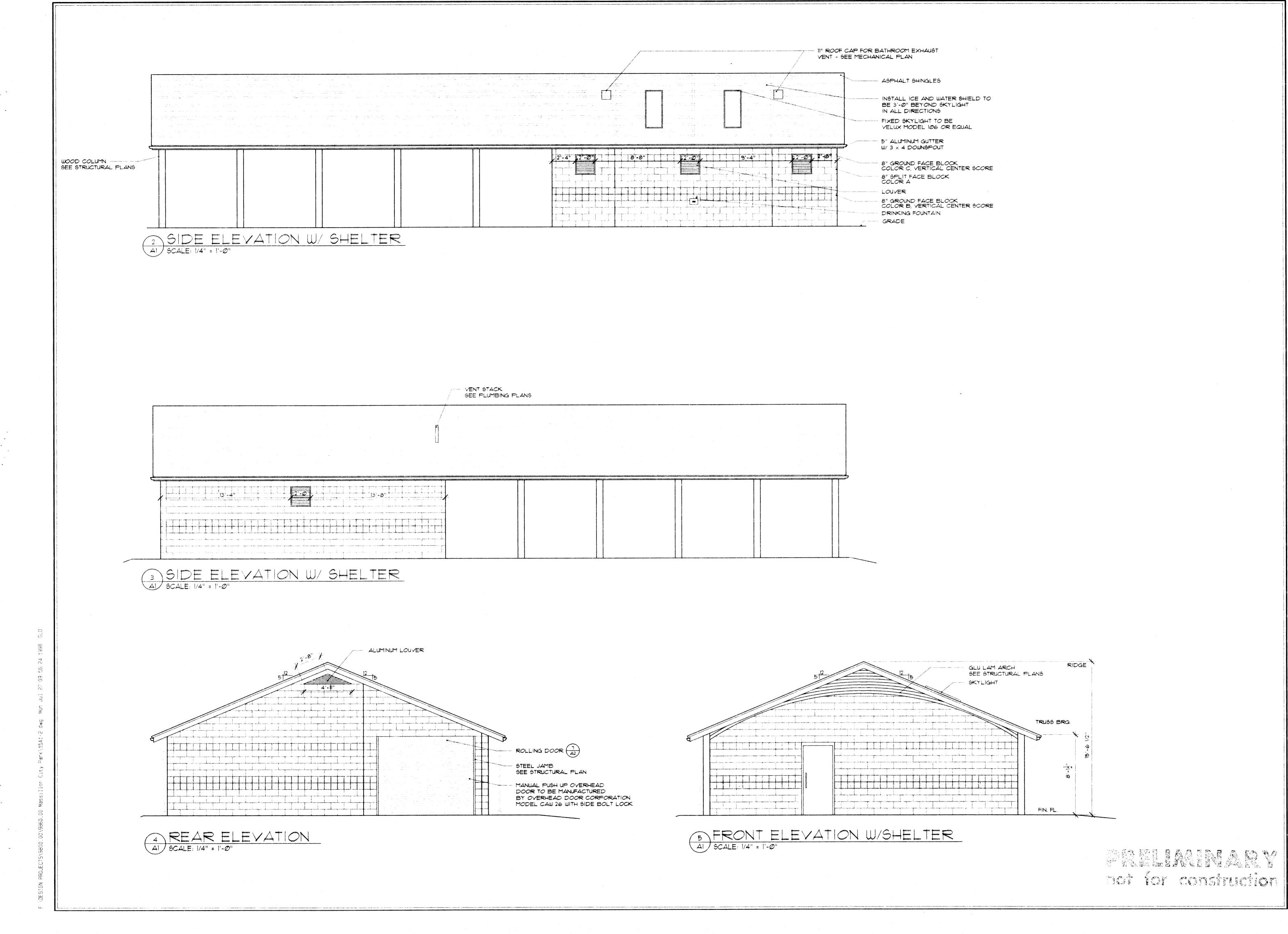


Al. 1 of 50



ARCHITECTURAL
ROOM/PICNIC BUILDING
4551LLON-5.R. 241 PARK 51TE

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

DATE ISSUED: 07/27/98

FILE NO: 15a1-2

DRAWN BY: sml

CHKD. BY: ced

ARCHITECTS SURVEYORS

AKRON, OHIO 44311-1183

ANVIED (5)

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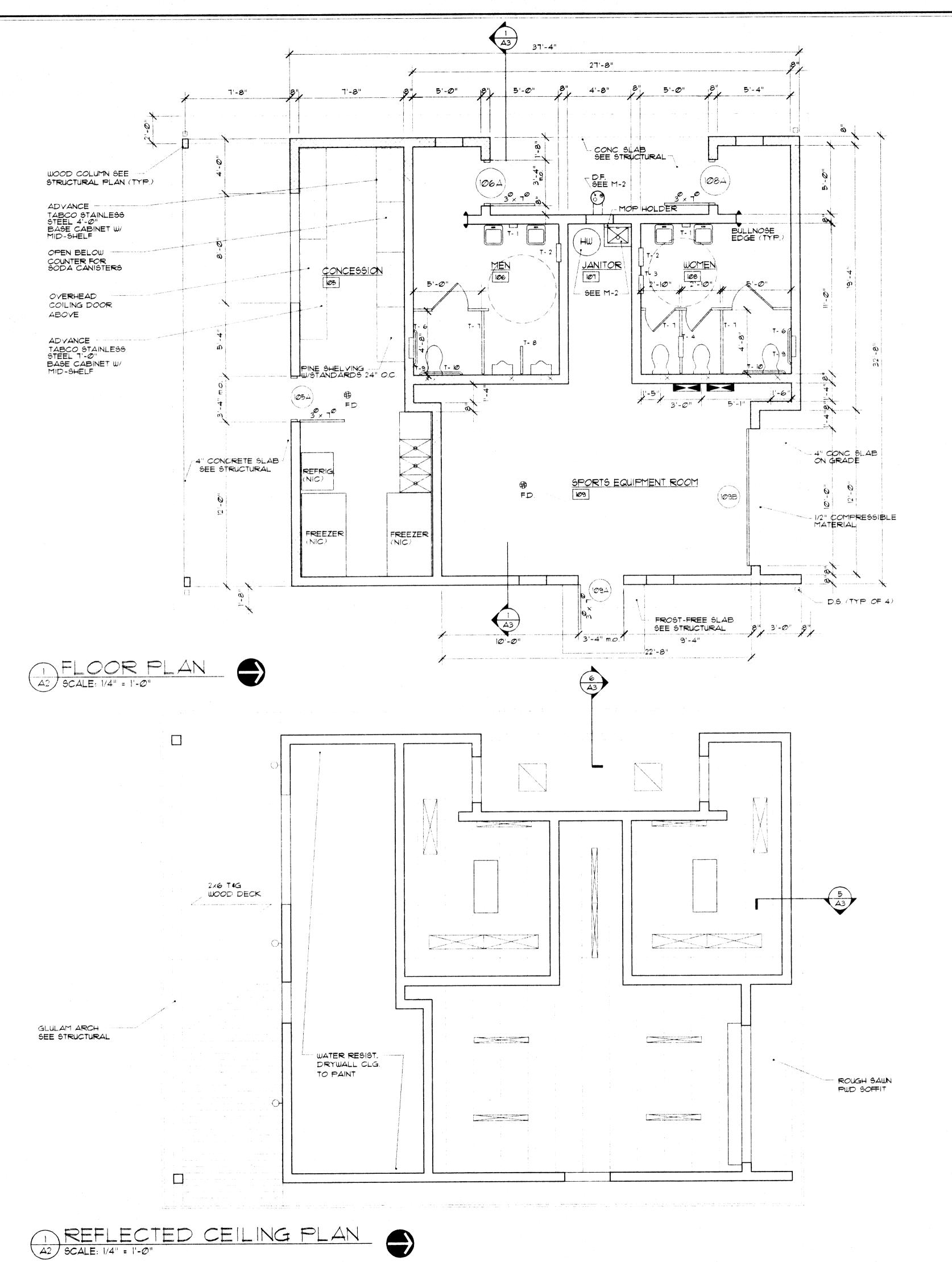
SINGIN GROUP

SINEERS LANDSCAPE ARCH

GRANT STREET

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A1.2 OF 50

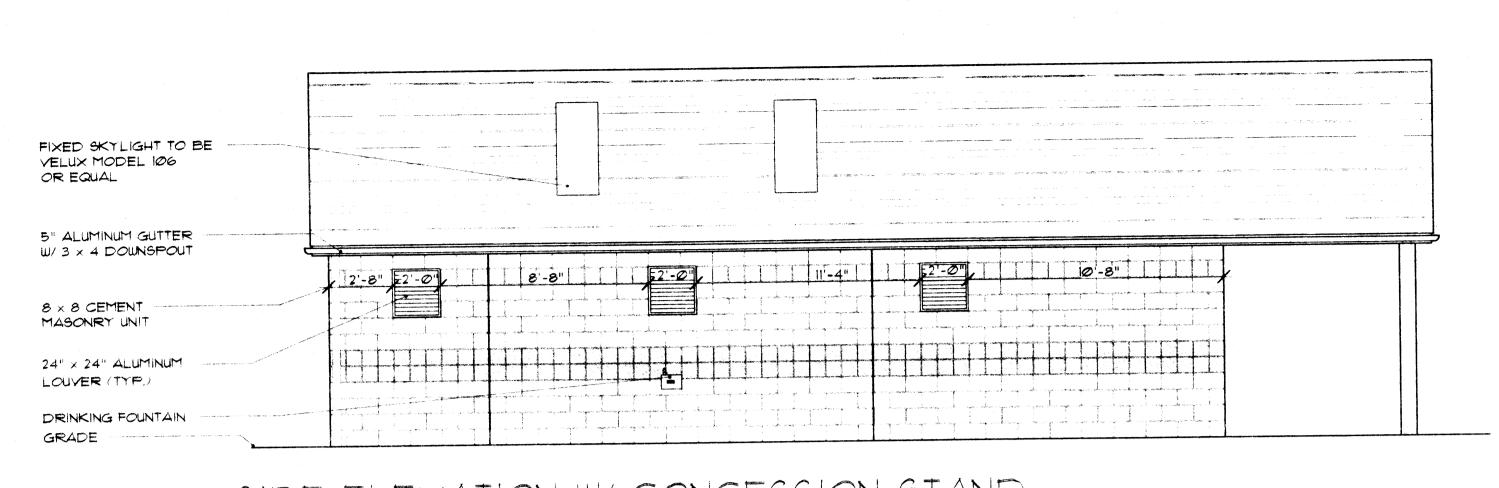


	RESTROOM ACCESSORIES LEGEND							
KEY	MODEL .	MANUF.	DESCRIPTION					
T-1	B-4112	BOBRICK	CONTURA SOAP DISPENSER STAINLESS STEEL W/ KEY ACCESS TO HINGED FILLER-TOP					
T-2	B-3961	BOBRICK	ROLL PAPER TOWEL DISPENSERAWASTE RECEPTACLE STAINLESS STEEL					
T-3	B-43500	BOBRICK	CONTURA SERIES SANITARY NAPKIN/TAMPON VENDOR STAINLESS STEEL KEY FOR COIN BOX					
T-4	B-3570160	BOBRICK	PARTITION MOUNTED NAPKIN DISPOSAL/4 STANDARD ROLLS STAINLESS STEEL SERVES 2					
T-5	B-35ZØ460	BOBRICK	RECESSED NAPKIN DISPOSAL/TOILET DISPENSER STAINLESS STEEL					
T-6	NA	NA	CONTRACTOR TO COORDINATE INSTALLATION OF OWNER SUPPLIED TOILET PAPER DISPENSER					
Т-Т	NA	NA	TOILET PARTITIONS SOLID PLASTIC, POLYMER RESIN WITH HOMOGENOUS COLOR THROUGHOUT					
T-8	NA	NA	URINAL PRIVACY SCREEN SOLID PLASTIC POLYMER RESIN WHOMOGENOUS COLOR THROUGHOU					
T-9	B-6806 x 36	BOBRICK	1 1/2" DIA. STAINLESS STEEL GRAB BAR W/PEENED GRIP FINISH					
T-9	B-6806 × 42	BOBRICK	1 1/2" DIA. STAINLESS STEEL GRAB BAR W/PEENED GRIP FINISH					

not for construction

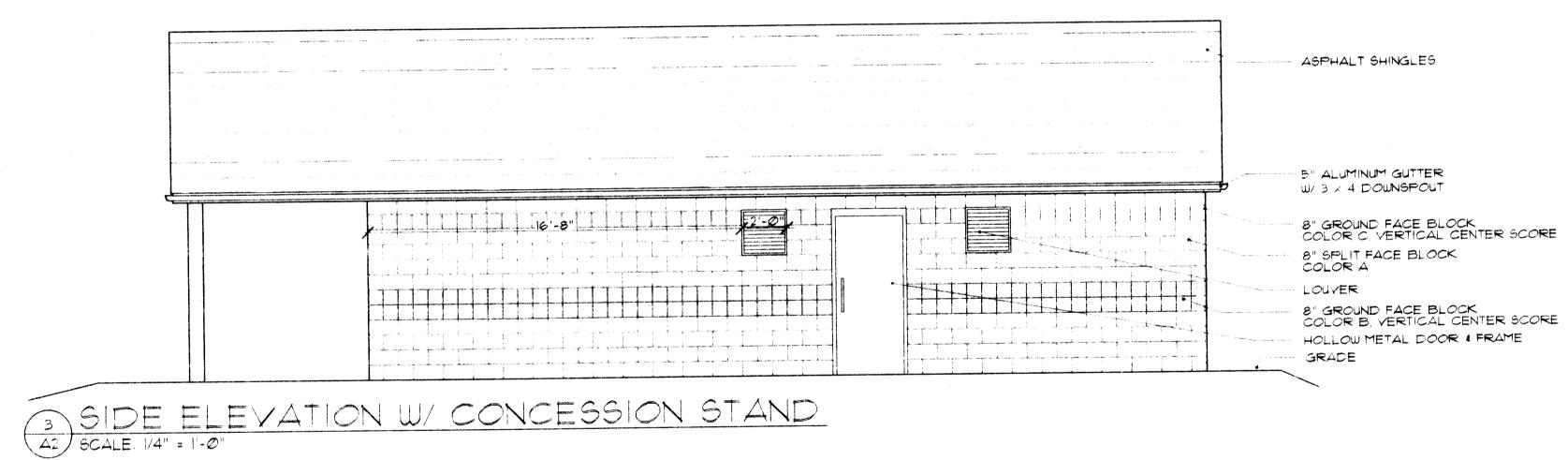
ARCHITECTURAL CONCESSION BUILDING
CITY OF MASSILLON-S.R. 241 PARK

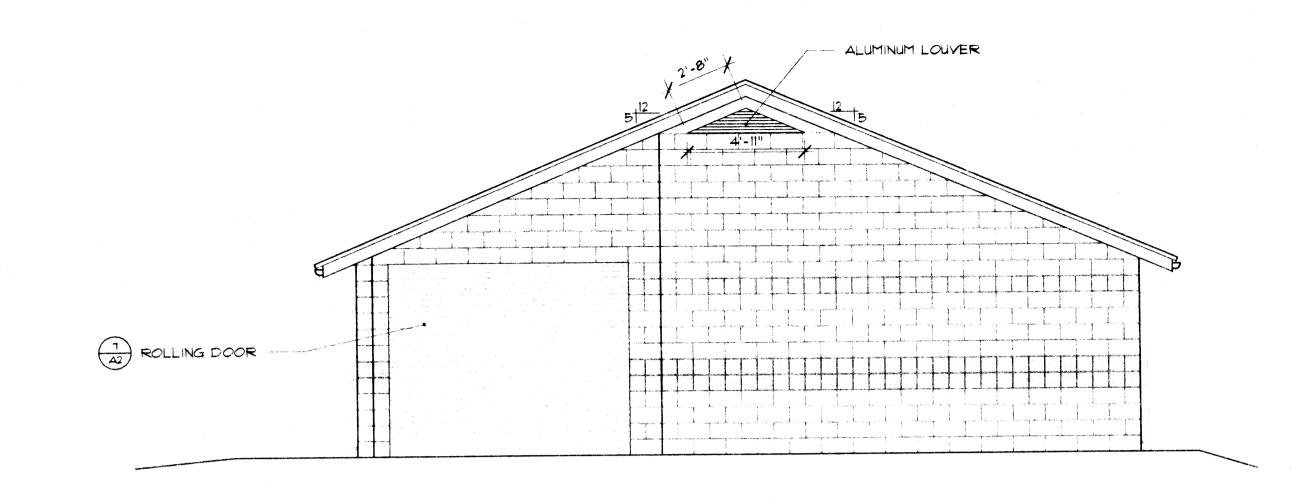
42.1 of 50

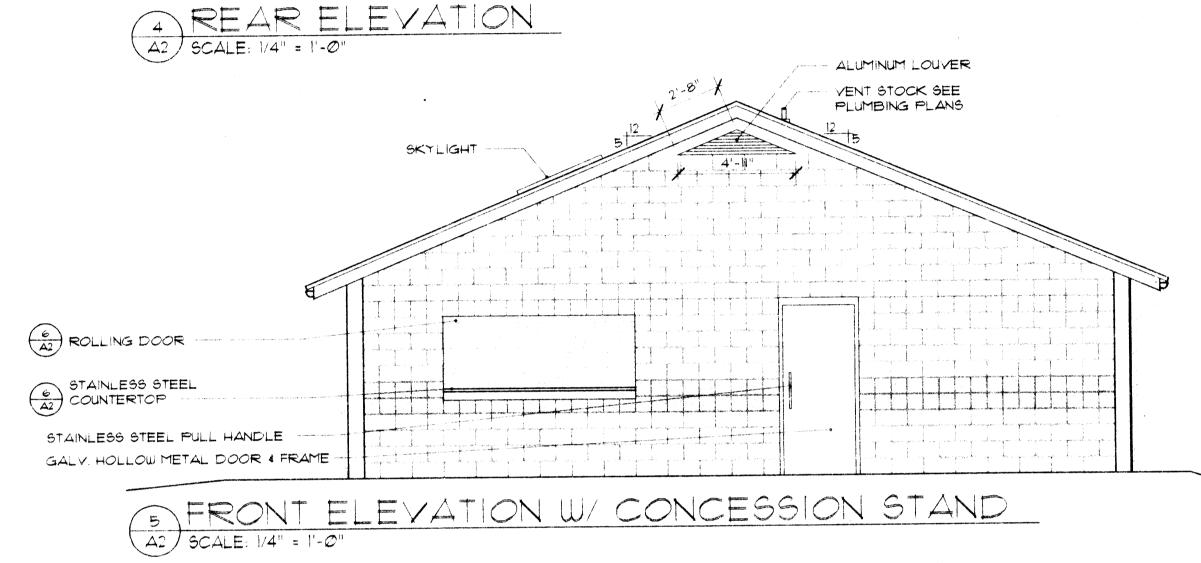


SIDE ELEVATION W/ CONCESSION STAND

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







Pik Elling A. N. V.

PROJ. NO: 9860.00

FILE NO: 15a2-2

DRAWN BY: sml

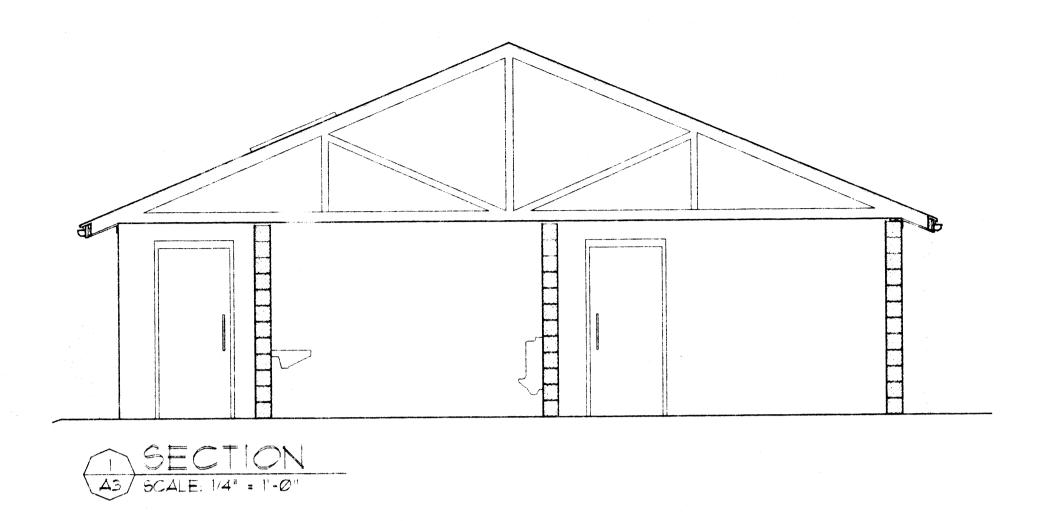
CHKD. BY: ced

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

DATE ISSUED: 07/27/98

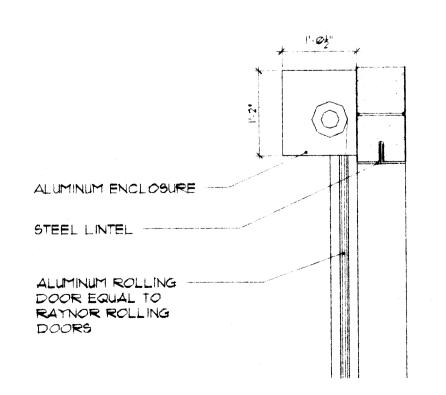
241

A2.2 OF 50



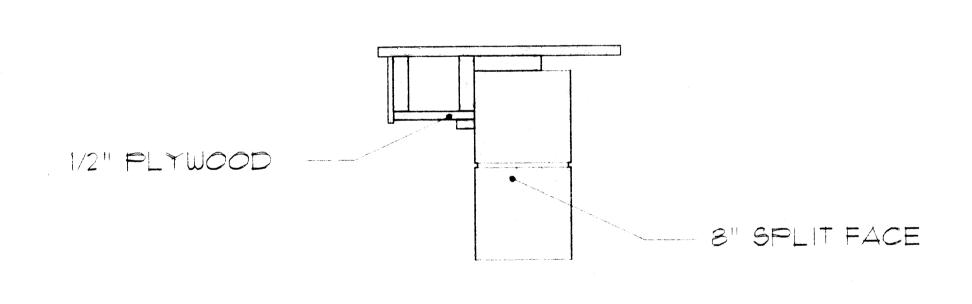
			<u> </u>
	CEILING		
	ALUMINUM COILING COUNTER DOOR 4 ENCLOSURE TO MATCH WOOD FINISH		
	STEEL LINTEL SEE STRUCTURAL		
	ALUMINUM ROLL UP DOOR EQUAL TO RAYNOR ROLLING DOORS		day
	STAINLESS STL. COUNTERTOP		.O- 60
STAINLESS BY ADVA	B STEEL BASE CABINET TO BE ANCE TABLES (OR EQUAL)		
	3/4" ADJUSTABLE SHELVES	2. £	

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



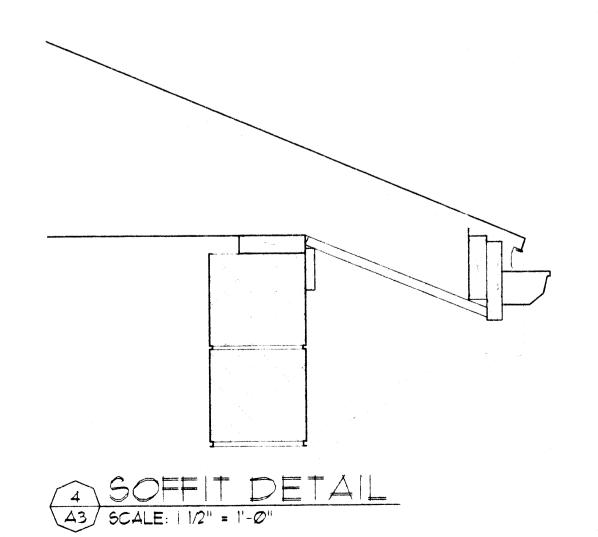
3 ROLLING DOOR DETAIL
A3 SCALE: 3/4" = 1'-0"

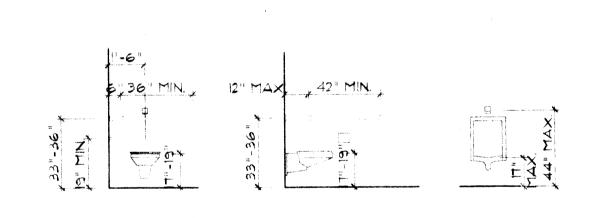
	FINISH SCHEDULE									
NO.			MATERIA	LS / FINISH	aggya a la la sar e del qui illusquella y libratel vo es de vident e e e e	HT.	REMARKS			
	ROOM NAME	FLOOR	BASE	WALLS	CEILING	H1.	REMARKS			
101	WOMEN	CEMENT	NA	-	STAIN	8'-0"	14.			
102	JANITOR	CEMENT	NA .	_	STAIN	8-0"	The state of the s			
103	MEN	CEMENT	NA	-	STAIN	8'-0"	*			
104	SPORTS EQUIPMENT ROOM	CEMENT	NA	•	STAIN	8'-0"	•			
105	CONCESSION	CEMENT	NA		STAIN	8'-0"	•			
06	MEN	CEMENT	NA		STAIN	8'-0"	•			
0	JANITOR	CEMENT	NA	•	STAIN	8'-0"	bu bu			
108	WOMEN	CEMENT	NA	-	STAIN	8'-0"	-			
109	SPORTS EQUIPMENT ROOM	CEMENT	NA		STAIN	8'-0"				



5 RAKE DETAIL

A3 SCALE: 1 1/2" = 1'-0"





STYPICAL ADA ELEVATION

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

not for construction

PROJ. NO: 9860.00

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

FILE NO: 15A3

DRAWN BY: sml

CHKD. BY: ced

DATE ISSUED: 07/27/98

REVISED:

ARCHITECTURAL

DETAILS

CITY OF MASSILLON-S.R. 241 PARK SIT

ENCINEERS LANDSCAPE ARCHITECTS

450 GRANT STREET

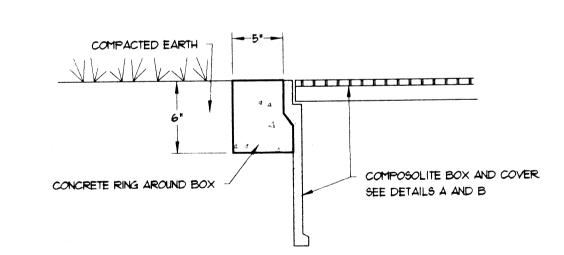
AKRI

A3 of 50

PULLBOX DETAIL A

NOT TO SCALE

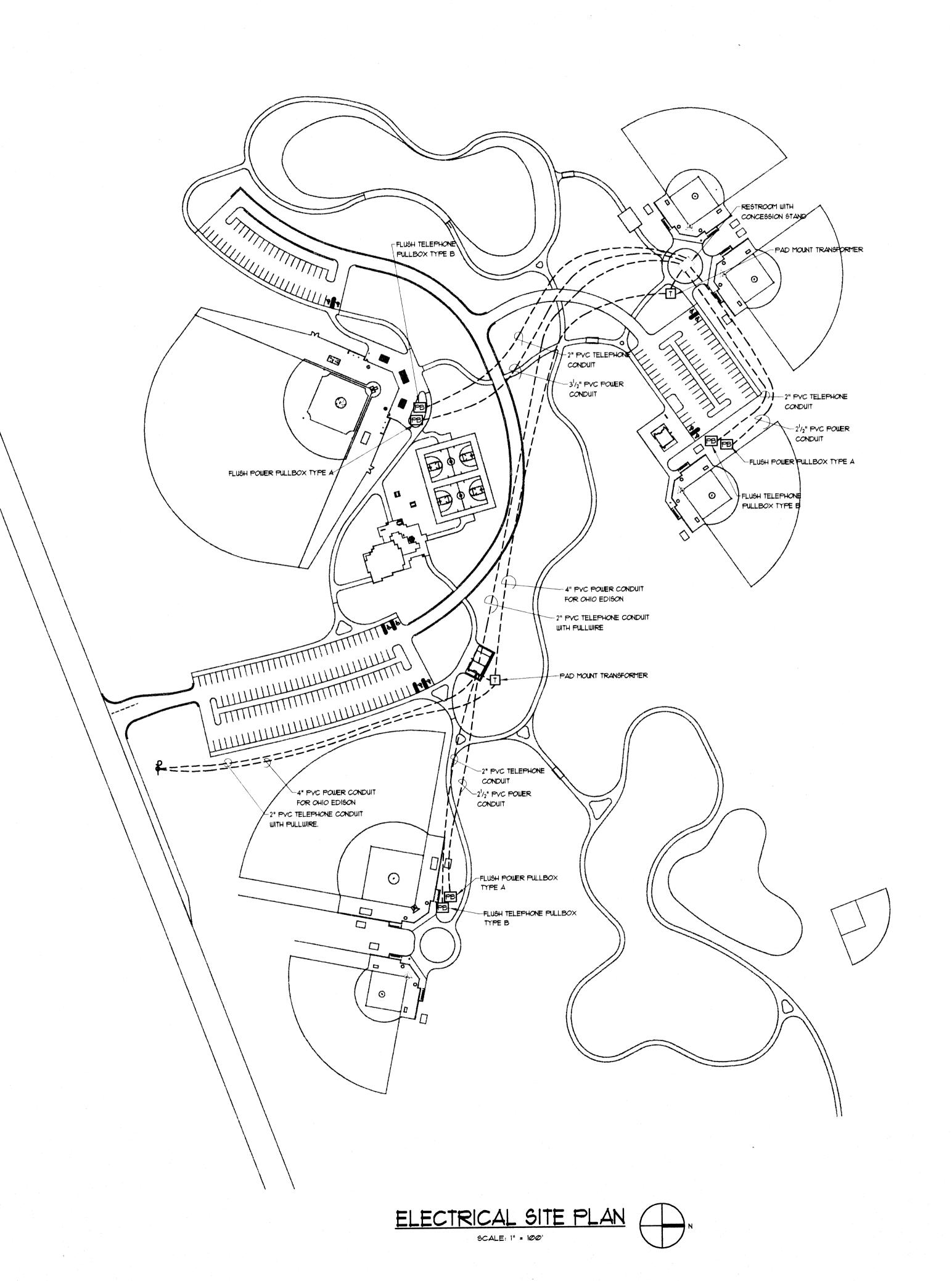
PULLBOX DETAIL B SIMILAR COVER PGI324CA43 TELEPHONE LOGO BOX PBI324BAI8 EXTENSION PG1324EA@8



2. PAIRS OF PULLBOXES SHALL BE PARALLEL WITH EACH OTHER AND FOLLOW A CONSISTANT PATTERN.

CONCRETE RING DETAIL C

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



SHEET:

SCALE: AS NOTED

FILE NO: E1.DWG

DRAWN BY: EME

CHKD. BY: EME

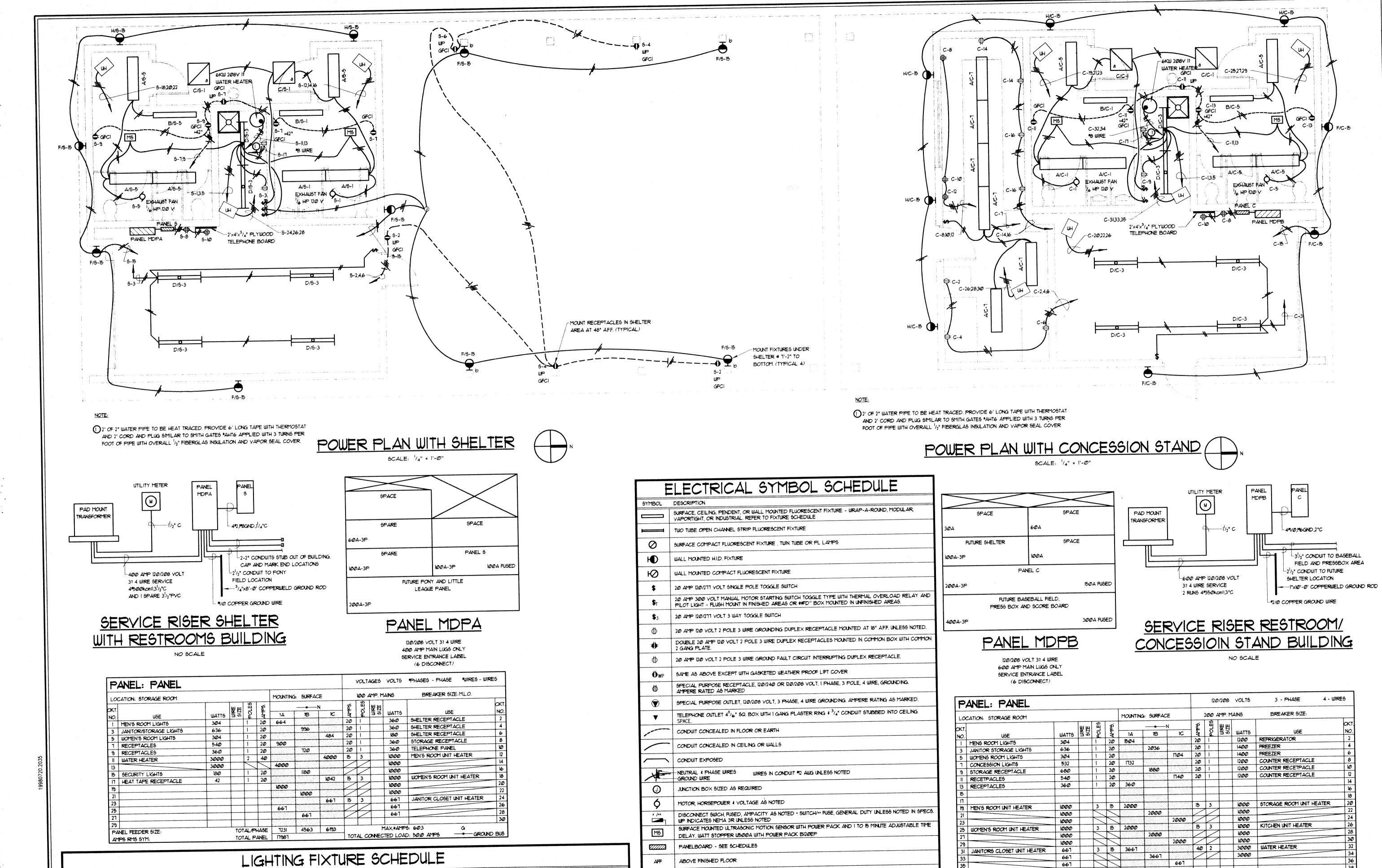
REVISED:

DATE ISSUED: 7-27-98

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ELECTR

E1 OF 50



ABOVE FINISHED FLOOR

INDICATES MOUNT AT 42" ABOVE FINISHED FLOOR TO CENTER LINE OF DEVICE

INDICATES FIXTURE TYPE A CONNECTED TO CIRCUIT IN PANEL B

TOTAL CONNECTED LOADS60 AMPS -- GROUND BUS

MAX. 7 AMPS: 94.0

TOTAL/PHASE 11263 11583

TOTAL PANEL 30957

PANEL FEEDER SIZE: 1/0 COPPER

AMPS RMS SYM:

SHEET:

E2 OF 50

PROJ. NO: 9860.00

SCALE: AS NOTED

ILE NO: E2.DWG

DRAWN BY: EME

CHKD. BY: EME

DATE ISSUED: 7-27-98

TYPE

FØ32T8

FØ32T8

FØ32T8

28 QUAD TUBE

2 LAMP 4' LONG SURFACE MOUNTED POLYCARBONATE PRISMATIC LENS

WALL MOUNTED DIECAST ALUMINUM H.I.D. FIXTURE WITH POLYCARBONATE LENS.

2 LAMP 4' LONG FLUORESCENT OPEN STRIP LIGHT

WALL MOUNTED 4' LONG OVER MIRROR LIGHT WITH INTERNAL ASSYMETRIC REFLECTOR AND WOOD FACE, O'F STARTING.

WALL MOUNTED 13"? WET LOCATION COMPACT FLUORESCENT FIXTURE, DIE CAST HOUSING, POLYCARBONATE LENS, WITH PHOTOCELL

2 LAMP SURFACE HIGH ABUSE SHALLOW SURFACE MOUNT 120VNPF, -20°F BALLAST, POLYCARBONATE CONSTRUCTION, BRONZE FINISH, PRISMATIC LENS

CATALOG NO.

7140-0 DW-IR

2560-56

C232-12Ø GEB

VR2C-50M 120 IR

MRBEDS MB-42P-1 120-BPC | 42

MARK MANUFACTURER

KENALL

KENALL

KENALL

LITHONIA

LITHONIA

FOUNDATION PLAN

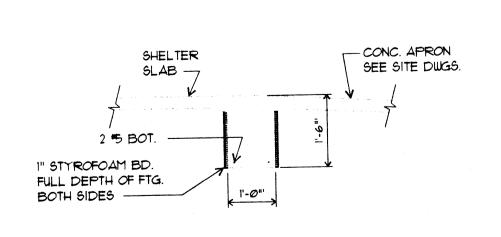
1/4" = 1'-0

BOTTOM OF FOOTING ELEVATIONS SHOWN THUS (-) ARE REFERENCED

TO FINISHED FLOOR ELEVATION = (-0'-0)

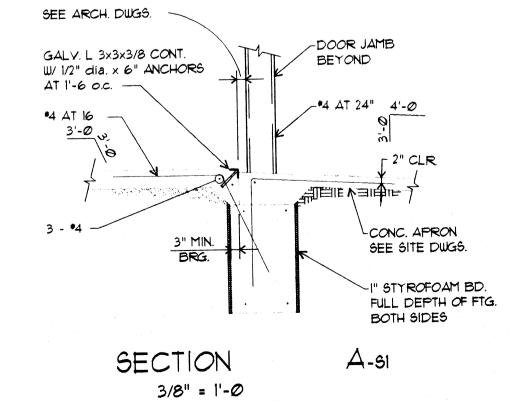
FLOOR CONSTRUCTION:

4" SLAB ON GRADE WITH FIBERMESH



SECTION 3/8" = 1'-0

B-51



SCALE: AS NOTED FILE NO: S1.DWG DRAWN BY: CWT

DATE ISSUED: 7-27-98

CHKD. BY: LDL

SHEET:

S1 OF 50

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 FIBERMESH

STRUCTURAL

PROJ. NO: 9860.00

SCALE: AS NOTED

FILE NO: S2.DWG

DRAWN BY: CWT

CHKD. BY: LDL

REVISED:

DATE ISSUED: 7-27-98

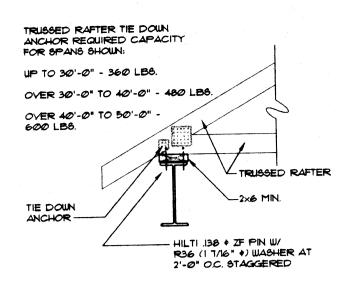
TECTS · SURVEYORS
AKRON, OHIO 4431-1183
FAX (330) 375-1590



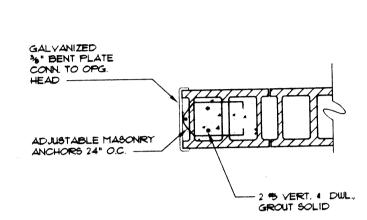
SHEET:

S2 OF 50

TYP. TRUSSED RAFTER BRG. DETAIL



TYP. TRUSSED RAFTER BRG. DETAIL



TYP. OVERHEAD DOOR JAMB DET.

MAX, SPACING OF JOINTS TO BE 16'-0" MAX, ENCLOSED AREA TO BE 256 SQ. FT. PANELS SHALL BE NEAR SQUARE UNLESS NOTED.

CRUSHED STONE FILL

CJ. AT DOOR

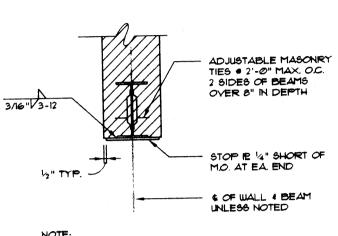
"SOFT-CUT" CONCRETE SAW SHALL

BE USED WHERE SHOWN WHEN NOTED ON PLAN CUT WITHIN 4 HRS.

VAPOR BARRIER

"FIBERMESH" REINF.

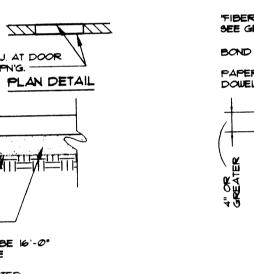
SEE GEN. NOTES -



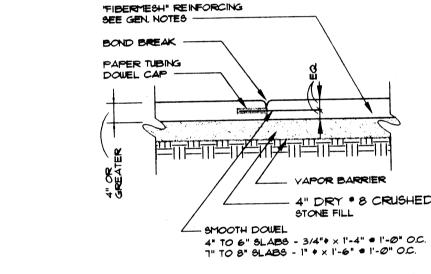
PROVIDE 14" BOT. IP AT INTERIOR BEAMS AND 5/6" BOT, IR AT EXTERIOR BEAMS WHERE INDICATED THUS (4 P.) ON PLAN.

TYP. BOTTOM R & ANCHOR DETAIL BEAMS W/ BOTTOM RE'S AND LINTELS IN EXTERIOR

WALLS SHALL BE HOT DIP GALVANIZED. SEE

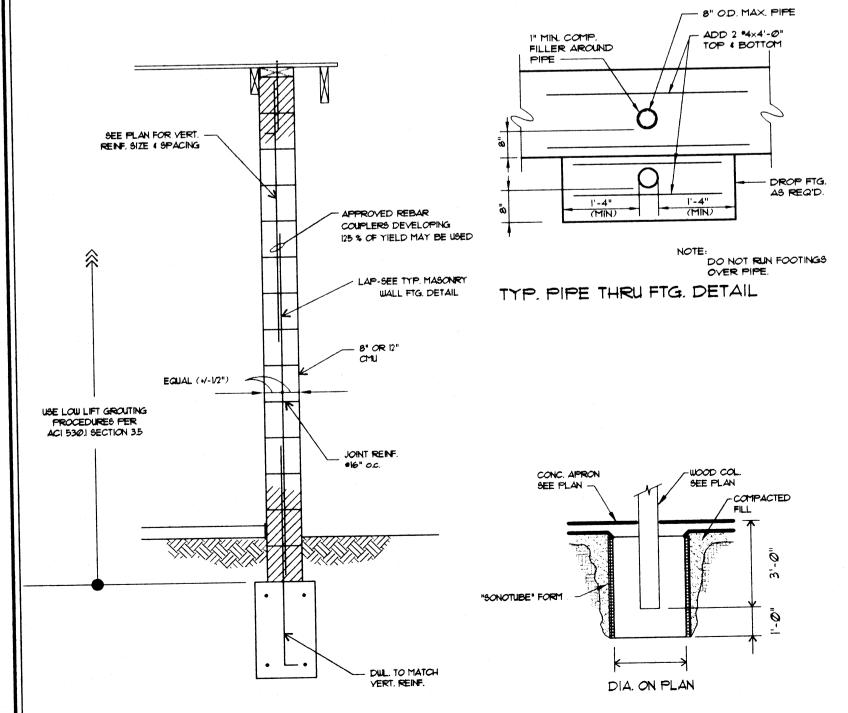


TYP. S.O.G. CONTRACTION JT. DETAIL



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

STONE FILL



PROVIDE ANCHOR BOLTS ONLY WHERE INDICATED THUS ---- ON PLAN -

BUILD MASONRY TIGHT

MAY OCCUR

FACE OF WALL

ON PLAN - WHERE

EQUAL

TYP, BEAM BRG, DETAIL

REQUIRED -

PG. 4 , 136) OMIT WHERE A.B. ARE

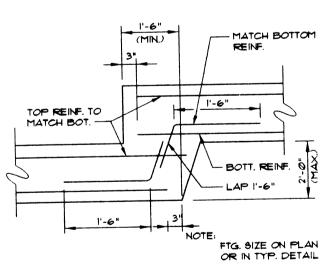
BEAM TO PLATE

- BEAM TO EXTEND

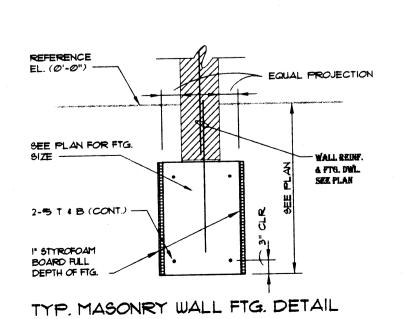
- 2- 34" Φ AB. 1'-6" LG. 4 2"H<

GROUT SOLID

TYPICAL WOOD COLUMN FTG. DETAIL TYP. WALL REINFORCING DETAIL



TYP. FOOTING STEP DETAIL



WIND LOADS SEISMIC LOADS LIVE LOADS AV = 0.077 AA = 0.10 80 MPH ZONE EXPOSURE C L = 1.0 ROOF (SNOW)-----30 PSF BASIC VELOCITY PRESSURE-----16.4 PSF GROUP I

PERFORMANCE CATEGORY B MAGNIFY PER OB.B.C. DRIFT PER OBBC

I. DESIGN BEARING PRESSURE IS 4,000 PSF ON NATURAL UNDISTURBED COHESIVE MATERIAL OR IMPROVED GRANULAR MATERIAL.

2. A REPORT ON SUBSURFACE SOILS CONDITIONS FOR THIS PROJECT HAS BEEN PREPARED BY BBC4M/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.

1. 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 I 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.

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 1.5 %.

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 PERASTM A615, GRADE 60 B. LAP REINFORCEMENT 38 DIAMETERS UNLESS OTHERWISE NOTED.

C. PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCEMENT PER CRSI RECOMMENDATIONS. 4. CONCRETE: STRENGTH LOCATION

SPREAD FOOTINGS AND WALL FOOTINGS WITH MRWR + FIBERMESH, AIR 4000 SLABS ON GRADE 5. CURING: WET OR MOIST CURE ALL SLABS PER ACI 301. 6. CONCRETE MIXES SHALL BE PROPORTIONED IN ACCORDANCE WITH ACI 301.

1. CONCRETE ENGINEERED FIBERS SHALL BE AS MANUFACTURED BY FIBERMESH, 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 16891 FIBERMESH OR 1 1/2" FORTA ECONO-NET BY FORTA CORP.

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 530.1-95 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 5, 1,800 PSI CUBE STRENGTH.

6. GROUT PER ASTM C476-91 2000 PSI MINIMUM. SLUMP TO BE 9 🛨 1". A. WIRE FOR HORIZONTAL JOINT REINFORCEMENT PER ASTM A82-85 LADDER TYPE, GALVANIZED AFTER FABRICATION. B. REINFORCING BARS PER ASTM A615, GRADE 60, LAP SPLICES 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 LINTELS UNLESS OTHERWISE NOTED ON THE DRAWINGS. 9. ALL CORNERS TO BE TIED BY MASONRY BOND.

10. LOOSE LINTEL SCHEDULE: (USE FOR LINTELS NOT CALLED OUT ON THE DRAWINGS). OPENINGS UP TO 5'-0------WT 4 X 9 OPENINGS FROM 5'-0" TO 7'-0"------WT 5 X II OPENINGS UP TO 4'-0"------ANGLE 3 1/2 × 3 1/2 × 5/L6 LLV FOR 8" AND 12" WALLS: OPENINGS OVER 4'-0 "TO 5'-0"-----ANGLE 4 X 3 1/2 X 5/L6 LLV OPENINGS OVER 5'-0" TO 6'-0"-----ANGLE 5 X 3 1/2 X 5/L6 LLV

OPENINGS OVER 6'-0" TO T'-0------ANGLE 6 X 3 1/2 X 5/16 LLV USE I ANGLE FOR EACH 4" WYTHE OF MASONRY. LINTEL BEARING SHALL BE I" 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:

I. 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 A301 OR ASTM A36.

3. ELECTRODES TO BE ETØXX 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.

GENERAL NOTES (CONT.)

3. STRUCTURAL GLUED LAMINATED TMBER: A GLUED LAMINATED TIMBER SHALL BE OF MATERIAL, MANUFACTURE AND QUALITY CONTROL CONFORMING TO THE AMERICAN NATIONAL STANDARD ANSI/AITC A190.1-1992, "STRUCTURAL GLUED LAMINATED. TIMBER" AND AITC 117-"MANUFACTURING"

FOR STRUCTURAL GLUED LAMINATED TIMBER OF SOFTWOOD SPECIES. B. LAMINATING COMBINATIONS FOR BEAMS SHALL PROVIDE THE FOLLOWING MINIMUM ALLOWABLE DESIGN VALUES.

FB = 2,400 PSI 650 PSI (PERPENDICULAR TO GRAIN, TOP BOTTOM) FV =

E = 1,700,000 PSI C. LAMINATING COMBINATIONS FOR COLUMNS SHALL PROVIDE THE FOLLOWING MINIMUM ALLOWABLE DESIGN VALUES: COMPRESSION PARALLEL TO

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 PRESSURE PRESERVATIVE TREATED PER AWPA C-28. G. MEMBERS SHALL BE SEALED WITH SEALER COAT COMPATIBLE WITH FINAL FINISH, MARKED WITH AITC "QUALITY

MARK AND INDIVIDUALLY WRAPPED. AITC MARK SHALL BE ON SURFACE CONCEALED IN FINAL STRUCTURE. H. FABRICATOR SHALL DESIGN AND FURNISH CONNECTION STEEL AND HARDWARE FOR BEAMS AND COLUMNS, SEE DRAWINGS

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

LICENSED OR FRANCHISED BY THE CONNECTOR MANUFACTURER

D. AN ERECTION PLAN SHALL BE SUBMITTED WITH SHOP DRAWINGS.

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 PERAITO 112-93. C. EACH PIECE SHALL BE TOENAILED THROUGH THE TONGUE AND FACE NAILED WITH ONE NAIL SUPPORT, USING 16D

COMMON D. DECKING SHALL BE INSTALLED WITH TONGUES UP ON SLOPED ROOF. E. DECKING SHALL BE INSTALLED WITH PATTERN FACE DOWN.

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:

DESIGN MIX DATA, DAILY POUR REPORTS, CYLINDER TESTS, ENTRAINED AIR TEST. RECORD & REPORT SLUMP FOR EACH TRUCK BEFORE AND AFTER ADDITION OF HRUIR. PLACEMENT.

REINFORCEMENT: SIZE AND LOCATION OF SPECIAL PIERS, USE OF PROPER MASONRY UNITS, BEARING SURFACES, MASONRY: REINFORCING STEEL AND GROUTING

BEARING SURFACE FOUNDATIONS:

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PROJ. NO: 9860.00

SCALE: AS NOTED

FILE NO: S3.DWG

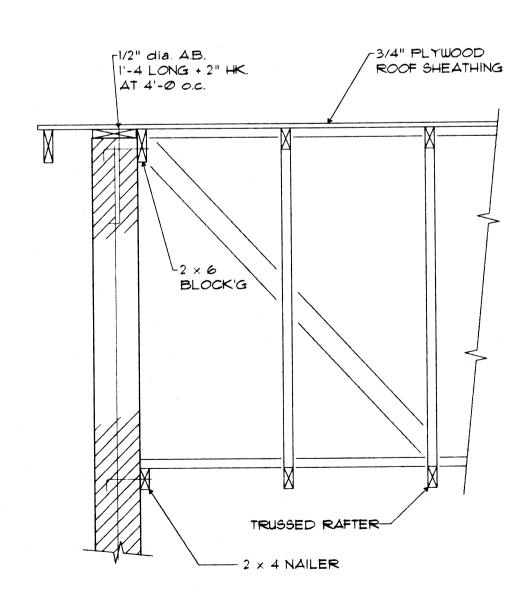
DRAWN BY: CWT

CHKD. BY: LDL

REVISED:

DATE ISSUED: 7-27-98

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SECTION A-94

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

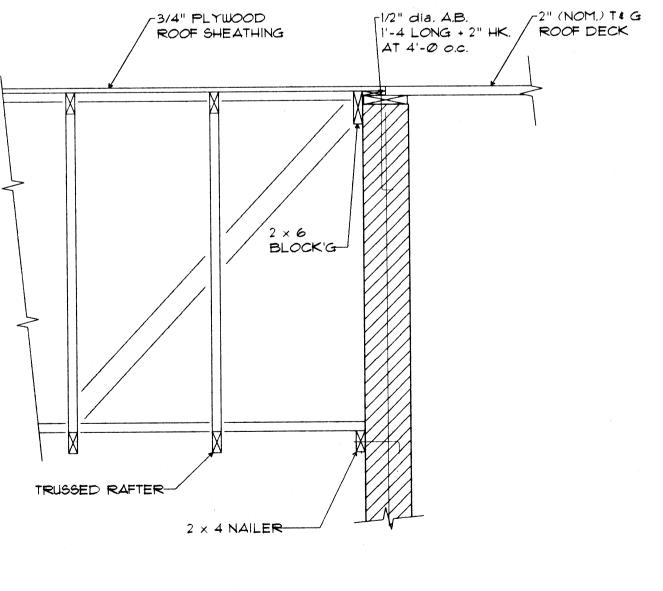
TOP OF STEEL ELEVATIONS SHOWN THUS (+) ARE REFERENCED
TO FINISHED FLOOR ELEVATION = (+0'-0)

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 3/4" = 1'-0

-54

CITY OF MASSILLON-S.R. 241 PARK SI

SCALE: AS NOTED

FILE NO: S4.DWG

DRAWN BY: CWT

CHKD. BY: LDL

DATE ISSUED: 7-27-98

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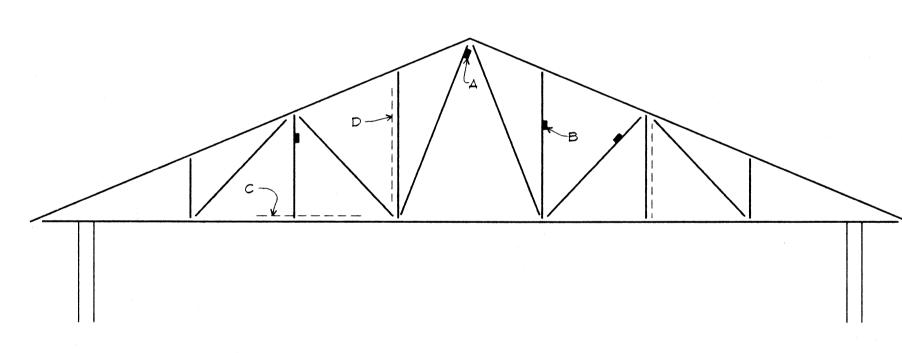
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FAX. (330) 3

SHEET:

54 OF 50



TYPICAL TRUSS RAFTER ELEVATION

SUPERIMPOSED LOADS FOR THE DESIGN OF TRUSSED RAFTERS

TOTAL	50 psf
TOTAL	F.O
BOTTOM CHORD DEAD LOAD	10 psf
TOP CHORD DEAD LOAD	10 psf
TOP CHORD LIVE LOAD	 30 pef

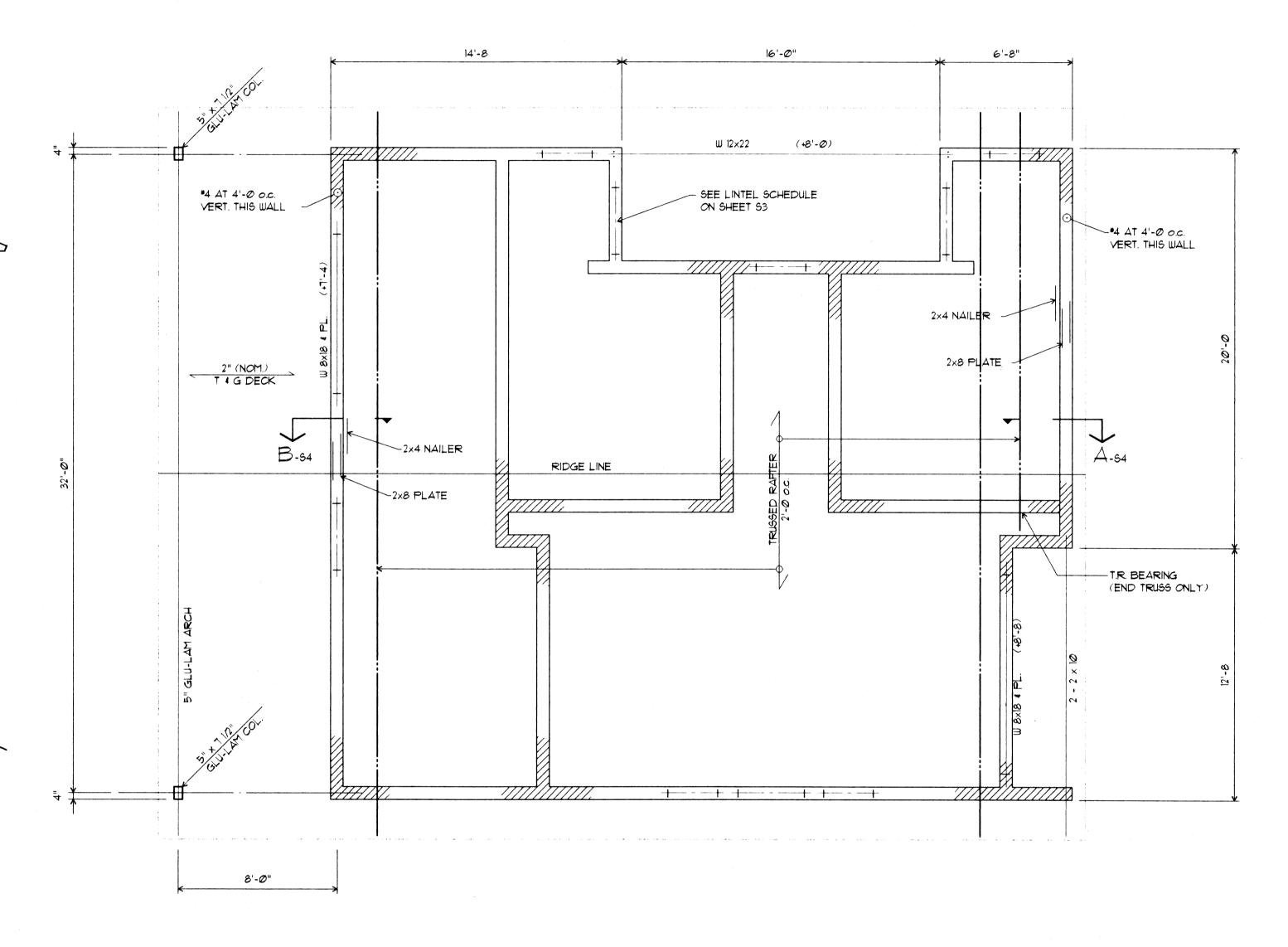
TRUSSED RAFTER BRIDGING AND BRACING WORK

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 DESIGNS

NOTE 'C' PROVIDE 45 BIAGONAL BRACING IN PLANE OF BOTTOM CHORD AT ENDS OF BUILDING AND AT 20'-0 INTERVALS:

NOTE 'D' PROVIDE 45 BIAGONAL BRACING IN PLANE OF WEB MEMBERS AT ENDS OF BUILDING AND AT 20'-0 INTERVALS.



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.

SCALE: AS NOTED

FILE NO: S5.DWG

DRAWN BY: CWT

CHKD. BY: LDL

REVISED:

DATE ISSUED: 7-27-98

SHEET:

95 OF 50

DRAWINGS ARE GENERALLY DIAGRAMMATIC AND DO NOT NECESSARILY SHOW EVERY FITTING, OFFSET, DROP AND RISE OF RUNS, AND DETAIL. INSTALL DUCTS, EQUIPMENT AND CONTROLS IN A NEAT, WORKMANLIKE MANNER AND IN ACCORDANCE WITH GOOD PRACTICE FOR A COMPLETE, WORKABLE INSTALLATION. AVOID CONFLICT WITH LOCATIONS OF FIXTURES, APPARATUS, DUCTWORK AND PIPING, AND WHILE THESE ARE TO BE FOLLOWED AS CLOSELY AS POSSIBLE, IF IT IS NECESSARY TO CHANGE THE LOCATION OF SAME TO ACCOMMODATE BUILDING CONDITIONS, MAKE CHANGES WITHOUT ADDITIONAL COST TO THE OWNER AND AS APPROVED BY THE ARCHITECT. PROVIDE ADEQUATE ACCESS TO THE EQUIPMENT AND APPARATUS REQUIRING OPERATION, SERVICE OR MAINTENANCE WITHIN THE LIFE OF THE SYSTEM. DO NOT RUN PIPING OR DUCTWORK OR LOCATE EQUIPMENT (WITH RESPECT TO SWITCHBOARDS, PANEL BOARDS, POWER PANELS, MOTOR CONTROL CENTERS OR DRY TYPE TRANSFORMERS) WITHIN 42 INCHES OF FRONT OF EQUIPMENT, OVER EQUIPMENT, OR WITHIN 36 INCHES HORIZONTALLY OF SAME SPACE.

EXISTING CONDITIONS

CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH JOB CONDITIONS BEFORE SUBMITTING HIS PROPOSAL. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY LOCATIONS AND SIZES OF ALL EXISTING UTILITY SERVICES PRIOR TO SUBMITTING HIS PROPOSAL. NO CONSIDERATION WILL BE GIVEN TO CLAIMS FOR EXTRA COST ARISING FROM CONTRACTORS FAILURE TO BE FULLY COGNIZANT OF JOB OR SITE CONDITIONS EXISTING AT TIME OF ACCEPTANCE OF BID.

IF DURING THIS INSPECTION THE CONTRACTOR FINDS ANY OBSTRUCTION OR INTERFERENCE THAT MAY PROHIBIT THE PROPER INSTALLATION OF HIS WORK, HE IS TO MAKE IT KNOWN TO THE BUILDING MANAGEMENT AND/OR OWNER AND TENANT BEFORE AND AT THE TIME OF SUBMITTING HIS PROPOSAL.

BY SUBMISSION OF THE BID, IT IS UNDERSTOOD THAT SUCH INSPECTION HAS BEEN MADE AND INCLUDES ALL THE MATERIALS AND REQUIRED RELOCATION FOR ALL WORK.

ACTIVE SERVICES, WHEN ENCOUNTERED IN WORK, PROTECT, BRACE, SUPPORT EXISTING ACTIVE SEWERS, GAS AND OTHER SERVICES REQUIRED FOR PROPER EXECUTION OF WORK. IF EXISTING ACTIVE SERVICES ARE ENCOUNTERED THAT REQUIRE RELOCATION, RELOCATE AS APPROVED. DO NOT PREVENT OR DISTURB OPERATION OF ACTIVE SERVICES THAT ARE TO REMAIN.

INACTIVE SERVICES, WHEN ENCOUNTERED IN WORK, REMOVE, CAP OR PLUG INACTIVE SERVICES, AS INDICATED.

INTERRUPTION OF SERVICES, WHERE WORK MAKES TEMPORARY SHUT-DOWNS OF SERVICES UNAVOIDABLE, SHUT DOWN AT NIGHT, OR AT SUCH TIMES AS APPROVED BY OWNER AND THE BUILDING MANAGEMENT, WHICH WILL CAUSE LEAST INTERFERENCE WITH ESTABLISHED OPERATING ROUTINE. ARRANGE WORK TO ASSURE THAT SERVICES WILL BE SHUT DOWN ONLY DURING THE ACTUALLY REQUIRED TO MAKE NECESSARY CONNECTION TO EXISTING WORK.

WHERE EXISTING WALLS, CEILINGS, FLOORS, ETC., ARE CUT OR OTHERWISE DAMAGED DURING CONSTRUCTION, REPAIR ALL SURFACES TO THEIR ORIGINAL CONDITION.

COORDINATION

COORDINATE ALL WORK UNDER THIS DIVISION WITH WORK UNDER OTHER DIVISIONS. PROVIDE ADJUSTMENTS AS NECESSARY, EQUIPMENT, APPARATUS, DUCTWORK, PIPING, ETC., INSTALLED WITHOUT REGARD FOR THE SPACE REQUIREMENTS OF OTHER TRADES WILL BE REWORKED AT THE EXPENSE OF THE INSTALLING SUB-CONTRACTOR IF IT CREATES AN UNNECESSARY HINDRANCE TO THE INSTALLATION OF ANOTHER TRADES WORK. ALL ITEMS MOUNTED AT OR BELOW THE CEILING, AND ANY ITEM PENETRATING THE CEILING, SHALL BE COORDINATED WITH THE ARCHITECTURAL REFLECTED CEILING PLANS.

PROTECTION DURING CONSTRUCTION

PROVIDE PROTECTIVE COVERS, SKID, PLUGS OR CAPS TO PROTECT EQUIPMENT AND MATERIALS FROM DAMAGE AND DETERIORATION DURING CONSTRUCTION.

CONTRACTOR SHALL TAKE PRECAUTIONS AGAINST DAMAGING OR DISRUPTING BUILDING SYSTEMS, WIRING OR CONTROL TUBING FOR ADJACENT TENANTS. ANY DAMAGE SHALL BE REPAIRED AT THE CONTRACTORS COST.

PROTECT ALL EQUIPMENT AND MATERIALS FROM DAMAGE. ANY DAMAGE SHALL BE REPAIRED USING THE SAME MATERIALS AT THE CONTRACTORS COST.

GUARANTEE

MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED AGAINST DEFECTS

PIPE INSULATION

PROVIDE ALL INSULATION MATERIAL (INSULATION, JACKETS, FITTING COVERS, ADHESIVES, CEMENTS, MASTICS, SEALERS, COATINGS AND FINISHES) WITH A COMPOSITE FIRE AND SMOKE HAZARD RATING AS TESTED UNDER PROCEDURE ASTM E-84, NFPA 255 AND UL 123 NOT EXCEEDING A FLAME SPREAD 25 AND SMOKE DEVELOPED 50.

TYPE PI ASTM C541, CLASS I (-20 DEGREE F TO 500 DEGREE F).

FIBERGLASS, MINIMUM 4 POUNDS PER CUBIC FOOT (P.C.F.) DENSITY, K FACTOR 0.23 MAXIMUM AT 15 DEGREE F MEAN, WITH FACTORY-APPLIED ALL-SERVICE JACKET (ASJ) COMPOSED OF REINFORCED KRAFT AND ALUMINUM FOIL LAMINATE. JACKET SHALL HAVE SELF-SEALING LAP TO FACILITATE CLOSING LONGITUDINAL AND END JOINTS.

TYPE P2 ANSI A177-1-1980 ADA COMPLIANT INSULATION KIT.

FIBERGLASS INSULATION WITH VINYL COVER AND SEALING STRIPS. FURISH TRAP COVER WITH WEEP SEAM TO PREVENT LEAKAGE BUILD-UP.

APPROVED PRODUCTS:

OWENS/CORNING FIBERGLASS SSLII KNAUF PIPE INSULATION ASJ/SSL

3M TRUEBRO

SKAL GARD

INSTALLATION OF PIPE INSULATION

INSTALL INSULATION ON PIPE SYSTEMS SUBSEQUENT TO TESTING AND ACCEPTANCE OF TEST.

MAINTAIN INTEGRITY OF VAPOR-BARRIER JACKETS ON PIPE INSULATION, AND PROTECT TO PREVENT PUNCTURE OR OTHER DAMAGE. SEAL OPEN ENDS OF INSULATION WITH MASTIC. SECTIONALLY SEAL ALL BUTT ENDS OF ALL COLD WATER PIPING INSULATION AT FITTINGS WITH WHITE VAPOR BARRIER COATING.

COVER VALVES, FLANGES, FITTINGS, AND SIMILAR ITEMS IN EACH PIPING SYSTEM WITH EQUIVALENT THICKNESS AND COMPOSITION OF INSULATION AS APPLIED TO ADJOINING PIPE RUN. INSTALL FACTORY MOLDED, PRECUT OR JOB FABRICATED UNITS (AT INSTALLERS OPTION). FINISH COLD PIPE FITTINGS WITH WHITE VAPOR BARRIER COATING AND HOT PIPING WITH WHITE VINYL ACRYLIC MASTIC. BOTH REINFORCED WITH GLASS CLOTH.

EXTEND PIPING INSULATION WITHOUT INTERRUPTION THROUGH WALLS, FLOORS, HANGERS, AND SIMILAR PIPING PENETRATIONS, EXCEPT WHERE OTHERWISE INDICATED.

INSTALL PROTECTIVE METAL SHIELDS AND FOAMGLASS INSERTS WHERE PIPE HANGERS BEAR ON OUTSIDE OF INSULATION.

SHOP DRAWINGS

PROVIDE SIX (6) SETS OF SHOP DRAWINGS FOR APPROVAL OF ENGINEER ON <u>ALL</u> EQUIPMENT + FAUCETS, HEATERS, FLOOR DRAINS, ETC... NO EQUIPMENT SHALL BE ORDERED UNTIL SHOP DRAWINGS HAVE BEEN APPROVED.

PIPING

GENERAL: PIPING SHALL BE COMPLETE WITH PIPE FITTINGS, VALVES, COUPLING, STRAINERS, HANGER RODS, HANGERS, SUPPORTS, GUIDES, SLEEVES AND ACCESSORIES IN CONFORMANCE WITH THE LATEST CODES AND ASME, ANSI ASTM AND MSS STANDARDS.

PROVIDE FITTINGS FOR CHANGE IN PIPE SIZE AND FOR FINAL CONNECTION AT EQUIPMENT, AS REQUIRED.

PROVIDE UNION CONNECTIONS AT EACH PIECE OF EQUIPMENT AND ON EACH SIDE OF ALL VALVES AND IN-LINE EQUIPMENT.

PROVIDE VALVED AND CAPPED CONNECTIONS AT ALL POINTS IN PIPING SYSTEMS.

PIPING SUPPORTS

PROVIDE ALL INSERTS, HANGERS, ANCHORS, GUIDES AND SUPPORTS TO PROPERLY SUPPORT AND RETAIN PIPING AND EQUIPMENT: TO CONTROL EXPANSION, CONTRACTION, ANCHORAGE, DRAINAGE AND PREVENT SWAY AND VIBRATION.

PROVIDE INSERTS FOR SUPPORT OF WORK IN CONCRETE CONSTRUCTION.
PROVIDE FORGED STEEL BEAM CLAMPS WHEN ATTACHING TO STEEL CONSTRUCTION.

SUPPORT INDIVIDUAL PIPING FROM HANGERS AS MANUFACTURED BY GRINNELL, MICHIGAN HANGER COMPANY, MODERN OR FEE AND MASON, SUPPORT AS FOLLOWS:

UNINSULATED PIPING 2" AND SMALLER: GRINNELL FIG 97 MALLEABLE IRON ADJUSTABLE NUT AND WROT RING.

UNINSULATED PIPING 2-1/2" AND LARGER: GRINNELL FIG 260 CARBON STEEL ADJUSTABLE WROT CLEVIS TYPE.

COPPER TUBING (UNINSULATED PIPING): GRINNELL FIG CT-99 CARBON STEEL RING AND MALEABLE IRON ADJUSTING NUT COMPLETELY COPPER PLATED.

INSULATED PIPING 2" AND SMALLER: 18 GAUGE GALVANIZED STEEL SHIELD (GRINNELL FIG 167) OVER INSULATION IN 180 DEG SEGMENTS, MINIMUM 12" LONG WITH GRINNELL FIG 260 ADJUSTABLE CLEVIS TYPE HANGER.

HANGER SPACING (STEEL PIPE):

PIPE SIZE	MAX SPACING	MIN ROD DIAM
UP TO 1"	6'	3/8"
1-1/4"	8'	3/8"
1-1/2", 2"	10'	3/8"
2-1/2", 3"	12'	1/2"
4"	12'	5/8"

PROVIDE ADDITIONAL HANGER SUPPORT WITHIN TWO FEET OF EACH ELBOW AND AT VALVES, STRAINERS AND OTHER EQUIPMENT IN PIPE LINES.

SUPPORT COPPER PIPE AT INTERVALS OF NOT OVER 10 FEET FOR 1-1/2 INCH AND LARGER, AND NOT OVER 5 FEET FOR 1-1/4 INCH AND SMALLER. PROVIDE ADDITIONAL SUPPORTS WHERE NECESSARY TO MAINTAIN PROPER ALIGNMENT.

SUPPORT SANITARY VENT PIPING HUNG FROM BUILDING CONSTRUCTION AT INTERVALS OF NOT OVER 4 FEET AND NEXT TO JOINT. PROVIDE ADDITIONAL SUPPORTS WHERE NECESSARY TO MAINTAIN PROPER ALIGNMENT.

PIPING MATERIAL

DOMESTIC WATER PIPING:

TYPE "L" HARD DRAWN SEAMLESS COPPER PIPING (ASTM B88), FITTINGS SHALL BE WROT COPPER SOLDER JOINT TYPE (ASTM B16,22) WITH 95-5 LEAD FREE SOLDER (ASTM B32).

SANITARY WASTE AND VENT PIPING: (ABOVE GRADE)

NO HUB CAST IRON PIPE (ASTM A888) AND FITTINGS (CISPI-301) JOIN PIPE USING NO HUB COUPLING (ASTM CI277), METAL HOUSING, CORROSION RESISTANT FASTENERS AND RUBBER GASKET WITH INTEGRAL CENTER PIPE STOP (ASTM C564) HEAVY DUTY.

SANITARY WASTE AND VENT PIPING: (BELOW GRADE)

HUB AND SPICOT CAST IRON PIPE (ASTM A74), FITTINGS SHALL BE SAME WITH GASKETS.

<u>VALVES</u>

VALVES SHALL BE INSTALLED WHERE INDICATED ON DRAWINGS AND WHERE NECESSARY FOR PROPER AND SAFE OPERATION AND MAINTENANCE.

VALVES FOR WATER PIPING SHALL BE SUITABLE FOR THE SERVICE PRESSURE AND TEMPERATURE. WHERE POSSIBLE ALL VALVES SHALL BE OF THE SAME MANUFACTURER. MANUFACTURER SHALL BE GRINNELL, MILWAUKEE, NIBCO AND STOCKHAM.

VALVES IN WATER PIPING 2" AND SMALLER: TWO PIECE BALL VALVES WITH CAST BRONZE BODY, TEFLON SEATS, CONVENTIONAL PORT, BLOW-OUT PROOF STEM, ADJUSTABLE PACKING GLAND, CHROME PLATED SOLID BRONZE BALL SOLDERED OR THREADED ENDS. MINIMUM 150 POUND WORKING PRESSURE.

HORIZONTAL CHECK VALVES 2" AND SMALLER: SWING TYPE DESIGN, CLASS 125, 200 POUND WORKING PRESSURE, WITH BRONZE BODY AND CAP WITH SOLDERED OR THREADED ENDS. CONFORM TO ASTM B62.

PROVIDE ALL REQUIRED STRAINERS, UNIONS, DIELECTRIC CONNECTIONS, GUIDES, ANCHORS AS REQUIRED FOR A COMPLETE WORKING SYSTEM. KME Consulting, LLC
Professional Engineers

1250 RIVERBED STREET SUITE 510 CLEVELAND, OHIO 44113

PHONE 216 575-0224 FAX 216 575-0349

EF		EXHAUST & CIRCULATING FANS											
MARK	SERVICE	MAKE	MODEL	TYPE	DRIVE	OPENING	WEIGHT	CFM	EXT 9P.	RPM	HP/ WATTS	ELECTRIC	REMARKS
EF-I	TOILET ROOMS	CARNES	VEBK 06 K5	ROOF MTD. CENTRIFUGAL	BELT	ROOF 11"×11"	70 LBS.	400	Ø5"	1220	1/6	1200/17/60	1

I, COMPLETE WITH PRE-FAB ROOF CURB, BACKDRAFT DAMPER, DISCONNECT SWITCH AND BIRDSCREEN.
FAN TO BE WIRED TO MOTION SENSOR FURNISHED BY ELEC. CONTRACTOR.

(CUH)					CA	BINET	UNIT HEA	TER SCHE	DULE
MARK	TYPE	CAPACITY (MBH/KW)	CFM	MTG. HT. (FT.)	RECESS DEPTH	VOLTAGE	MANUF.	MODEL	REMARKS
UH-1	ELECTRIC COIL	10.2/3	350	6'-8.5"	13"	208٧-31	ELECTROMODE	EUH-WB-03B24CT	SMALL RECESSED WALL MOUNTED, COMPLETE W/ DISCONNECT SWITCH

PLUMBING FIXTURE SCHEDULE									
MÁRK	FIXTURE	WASTE	VENT	HW	CW	MANUFACTURER AND MODEL	REMARKS		
wc	WALL MTD. WATER CLOSET	2"	2"	-	1/2"	CRANE 3-446E	HANDICAPPED FIXTURES MOUNTED @ 17".		
u	URINAL	2"	2"	-	1/2"	AMERICAN STANDARD	-		
LAY	LAVATORY	1-1/2"	1-1/4"	1/2"	1/2"	AMERICAN STANDARD	WALL MTG. LAV., "COMRADE", 20"X18" VITREOUS CHINA REAR OVERFLOW.		
55	SERVICE SINK	4"	2"	1/2"	1/2"	FIAT *M6B-2424	-		
EWH-1	ELEC. WATER HEATER	-	-	3/4"	3/4"	STATE *S6X-52-2LRT	50 GAL., 25 GPH REC. ● 90°F TEMP RISE, COORD. VOLTAGE W/ E.C.		
EWH-2	ELEC. WATER HEATER	-	-	3/4"	3/4"	STATE #SSX-3Ø-2LRT	30 GAL., 25 GPH REC. ♥ 90°F TEMP RISE, COORD. VOLTAGE W/ E.C.		
CS	CONCESSION	4"	2"	1/2"	1/2"	MOEN *CT-4322-3	-		
DF	DRINKING FOUNTAIN	1-1/2"	1-1/4"	-	1/2"	M.D.T. #45Ø	GREEN COLOR, VERIFY COLOR PRIOR TO ORDER.		

FLOOR DRAINS

FLOOR DRAINS SHALL BE "J.R. SMITH CO." MODEL *2010-A WITH 7" DIA.
MICKEL BRONZE STRAINER AND FLASHING FLANGE. PROVIDE TRAP PRIMER
CONNECTION WHERE REQUIRED.

ITY OF MASSILLON-S.R. 241 PARK SITE

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PROJ. NO: 9860.00

SCALE: AS NOTED

FILE NO: M1.DWG

DRAWN BY: ELC

CHKD. BY: TK

REVISED:

DATE ISSUED: 7-27-98

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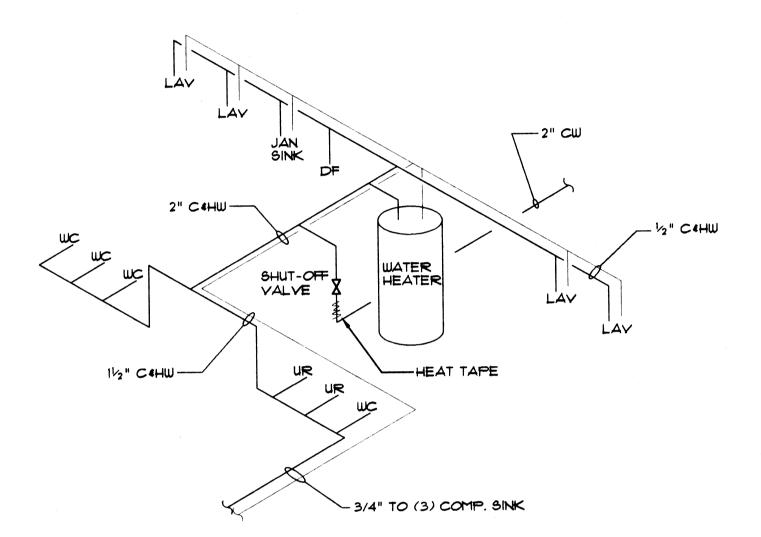
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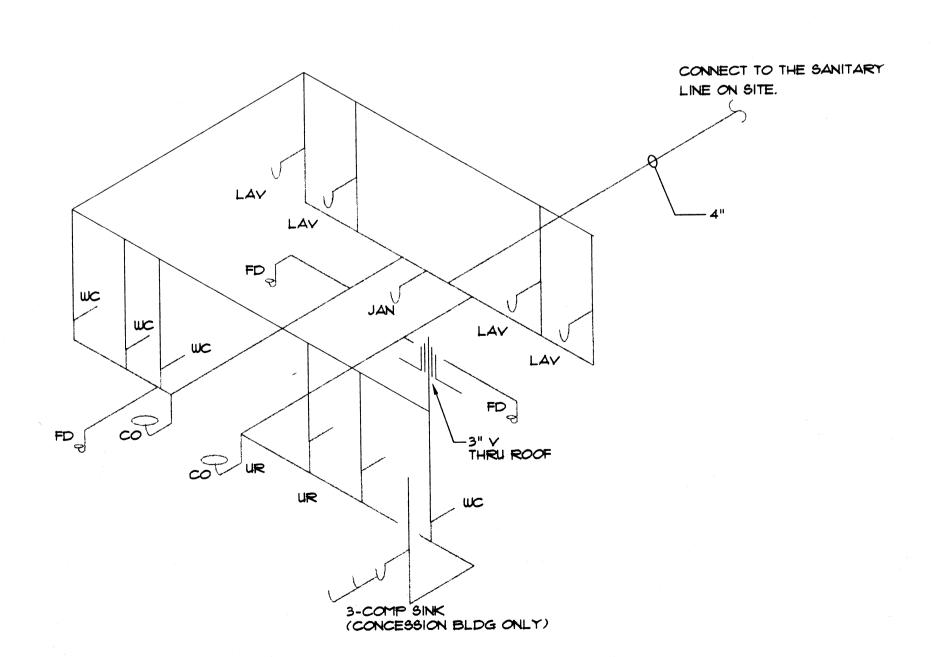
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PLUMBING GENERAL NOTES

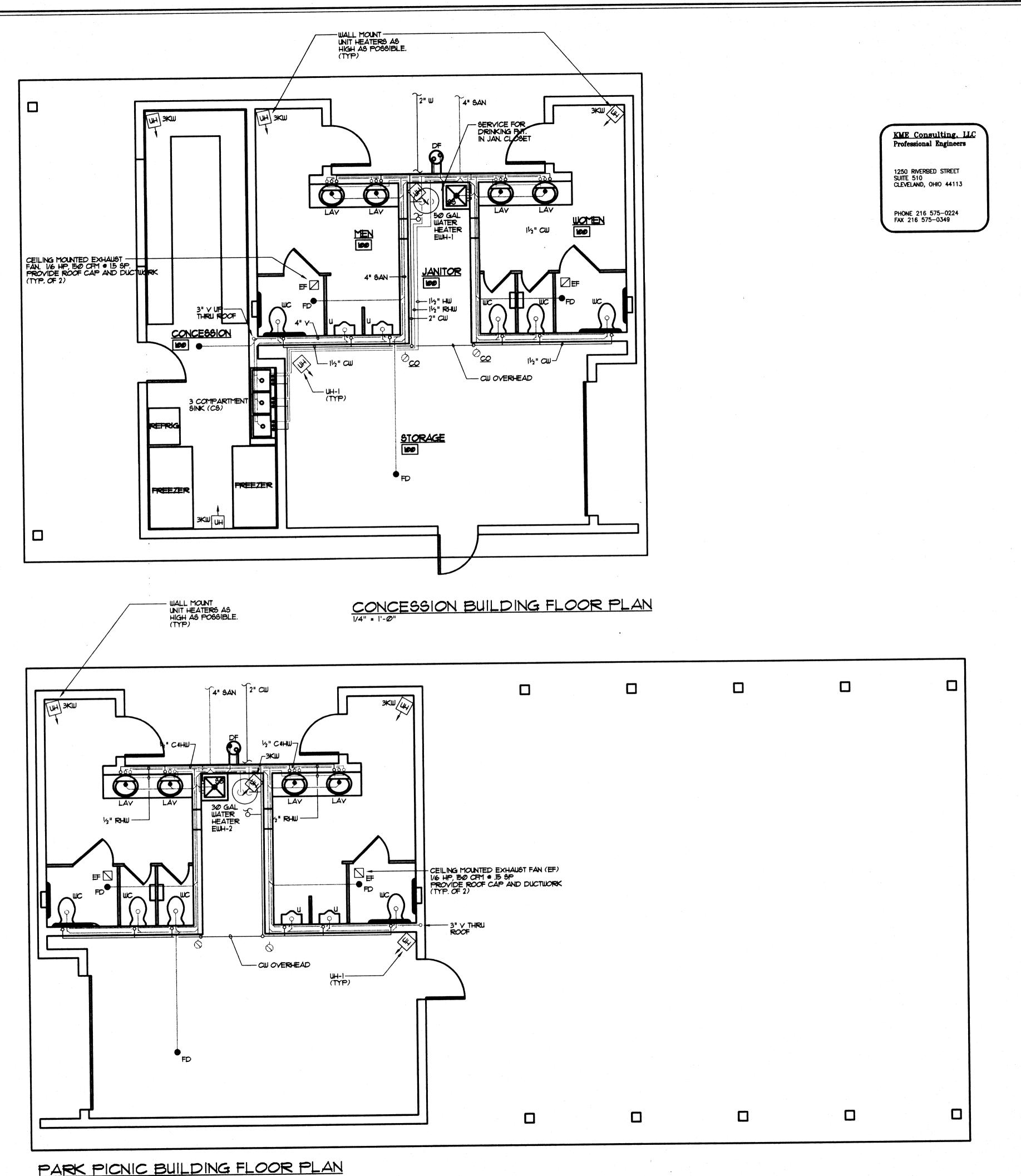
- 1. ALL WORK IS TO BE INSTALLED PER LOCAL BUILDING CODES AND APPROVED BY LOCAL BUILDING INSPECTORS.
- 2. COORDINATE CONNECTION TO LOCAL UTILITIES AND INSTALL PER ALL UTILITY REQUIREMENTS CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS WORK.
- 3. LOCATION OF PIPING AND 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.
- 8 STORM PIPING SYSTEM IS EXISTING AND IS TO REMAIN. TEST SYSTEM AND MAKE ANY NECESSARY REPAIRS.



DOMESTIC WATER DIAGRAM



STACK DIAGRAM NO SCALE



PROJ. NO: 9860.00

SCALE: AS NOTED

DRAWN BY: EME

CHKD. BY: EME

DATE ISSUED: 7-27-98

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M2 OF 50

REVISED:

FILE NO: M2.DWG

PARK PICNIC BUILDING FLOOR PLAN