

SHELBY COUNTY PLAYERS
1416 MILLER AVENUE
SHELBYVILLE, IN 46176
JANUARY 24, 2023



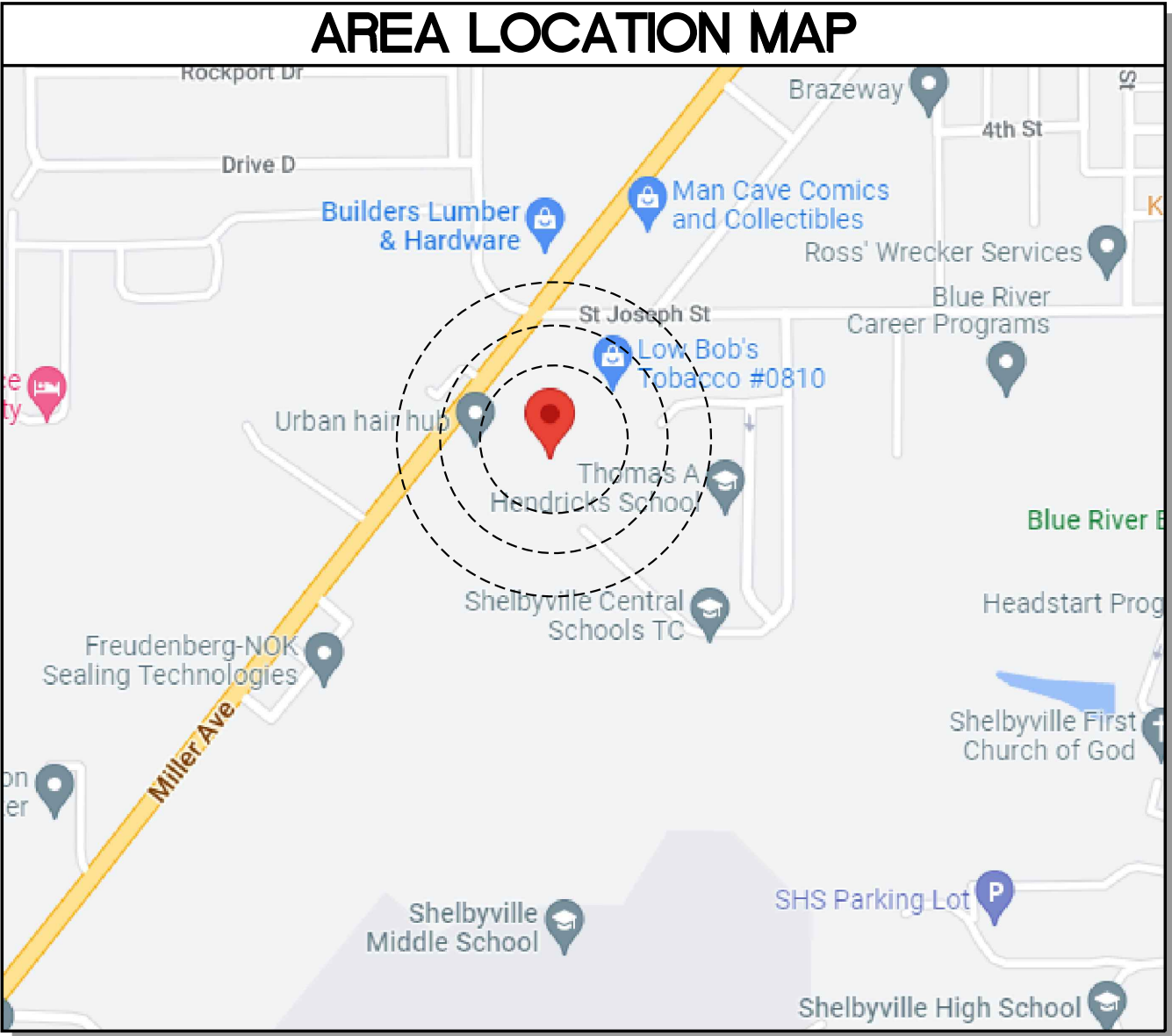
FOR CONSTRUCTION JANUARY 24, 2023

FOR CONSTRUCTION
SET

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"▶" DENOTES DIRECTION OF EGRESS AT EXIT DOORS, EXIT DOORS WITH KEY LOCKS MUST BE OPENABLE FROM THE SIDE WHICH EGRESS IS TO BE MADE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.

APPLICABLE CODES ARE AS FOLLOWS:

BUILDING CODE:
2014 INDIANA BUILDING CODE (2012 IBC WITH STATE AMENDMENTS) & ANSI A117.1-2009

STRUCTURAL CODE:
2014 INDIANA BUILDING CODE (2012 IBC, ANSI A-117.1-2003, ASCE-7-2005)

PLUMBING CODE:
2012 INDIANA PLUMBING CODE (2006 IPC WITH STATE AMENDMENTS)

MECHANICAL CODE:
2014 INDIANA MECHANICAL CODE (2012 IMC WITH STATE AMENDMENTS)

ELECTRICAL CODE:
2009 INDIANA ELECTRICAL CODE (2008 NEC WITH AMENDMENTS)

FIRE/LIFE SAFETY CODE:
2014 INDIANA FIRE CODE (2012 IFC WITH STATE AMENDMENTS)

ACCESSIBILITY CODE:
2008 INDIANA BUILDING CODE, CHAPTER 11

ENERGY CODE:
2010 INDIANA ENERGY CONSERVATION CODE (ASHRAE 90.1 - 2007 WITH INDIANA AMENDMENTS)

ELEVATOR CODE:
INDIANA ELEVATOR SAFETY CODE (ANSI/ASME A17.1, 2007)

FUEL GAS CODE:
2014 INDIANA FUEL GAS CODE (2012 IFGC WITH STATE AMENDMENTS)

CHAPTER #3, USE AND OCCUPANCY CLASSIFICATION

TYPES OF CONSTRUCTION

303.2 THEATER A-1, 304.1 OFFICE B-1, 311 STORAGE S-1

II-N/A-1,B-1,S-1

CHAPTER #4, SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY

410 STAGES, PLATFORMS AND TECHNICAL PRODUCTION AREAS

2ND FLOOR/STAGE LEFT

3RD FLOOR

410.6.3.1 NO FEWER THAN 1 MEANS OF EGRESS PROVIDED

1 2

410.6.3.2 TRAVEL DISTANCE WITH SPRINKLER SYSTEM < 400'

34' 40'

410.6.3.5 PATH OF EGRESS TRAVEL WITHIN AND FROM TECHNICAL SUPPORT AREAS SHALL BE NOT LESS THAN 22"

27" 39"

CHAPTER #5, GENERAL BUILDING HEIGHT AND AREA

503	ALLOWABLE BLDG HEIGHT AND AREA BY CONSTRUCTION TYPE	55' FEET	3 STORY	15,500 SF EACH FLOOR
504.2	HEIGHT INCREASE/AUTOM. SPRINK. SYST.	20'	UNLIMITED	
506.2	AREA INCREASE/ FRONTAGE	±25%		-
506.3	AREA INCREASE /AUTOM. SPRINK. SYST.	-		±25%
	TOTAL ALLOWABLE	68'		±200%
	50' FEET ACTUAL	3 STORY		13,000 SF 1ST FLOOR
				3,690 SF 2ND FLOOR
				1,569 SF 3RD FLOOR

CHAPTER #7, FIRE AND SMOKE PROTECTION FEATURES

716.5	WHEN WALL RATING FOR SHAFTS, EXIT STAIRWAYS, RAMPS, PASSAGEWAYS IS REQUIRED TO BE 1 HOUR, DOOR RATING IS MIN 1 HOUR, AND DOOR VISION (GLASS) PANEL IS 100 SQUARE INCHES.
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#9 FIRE PROTECTION SYSTEMS

905	STANDPIPE SYSTEM	BUILDING FULLY SPRINKLED
906	PORTABLE FIRE EXTINGUISHERS	REQUIRED (INSTALLED AND LOCATED PER CURRENT FIRE CODE AND NFPA 10)
906.1, IFC		
907	FIRE ALARM AND DETECTION SYSTEM	TO BE PROVIDED
909	SMOKE CONTROL SYSTEMS	SMOKE VENTS REQUIRED
910	SMOKE AND HEAT VENTS	SMOKE VENTS PROVIDED ABOVE STAGE

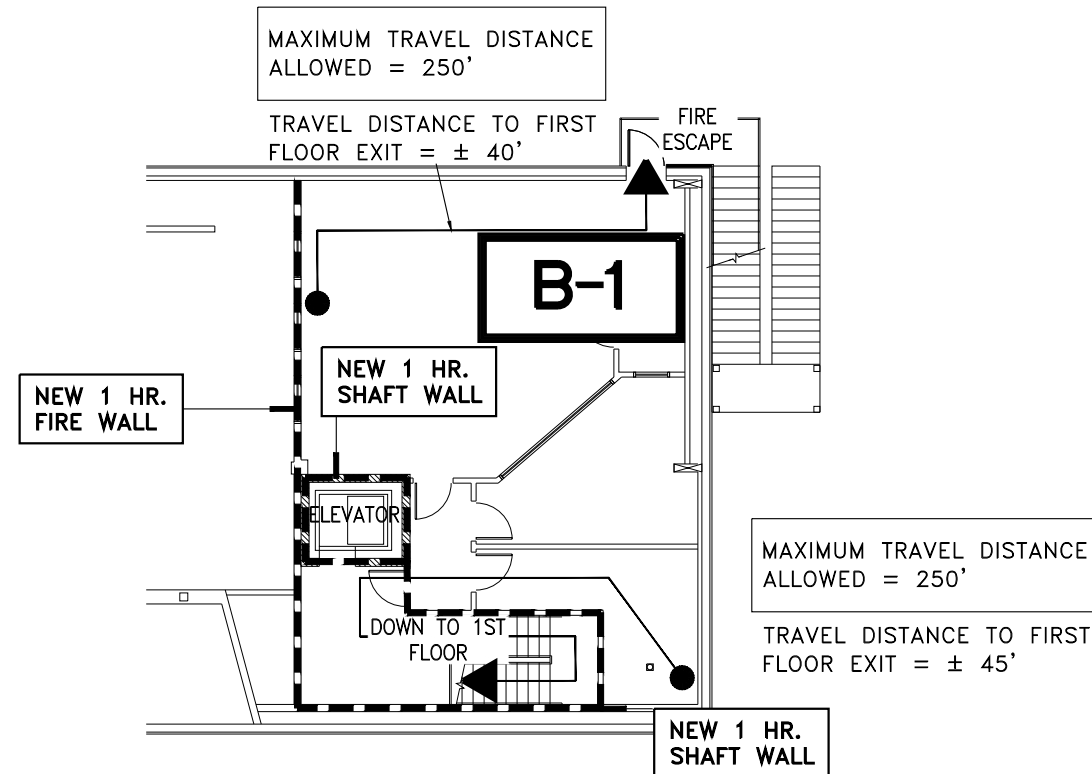
EXIT CALCULATIONS

NFPA 101 - 2009

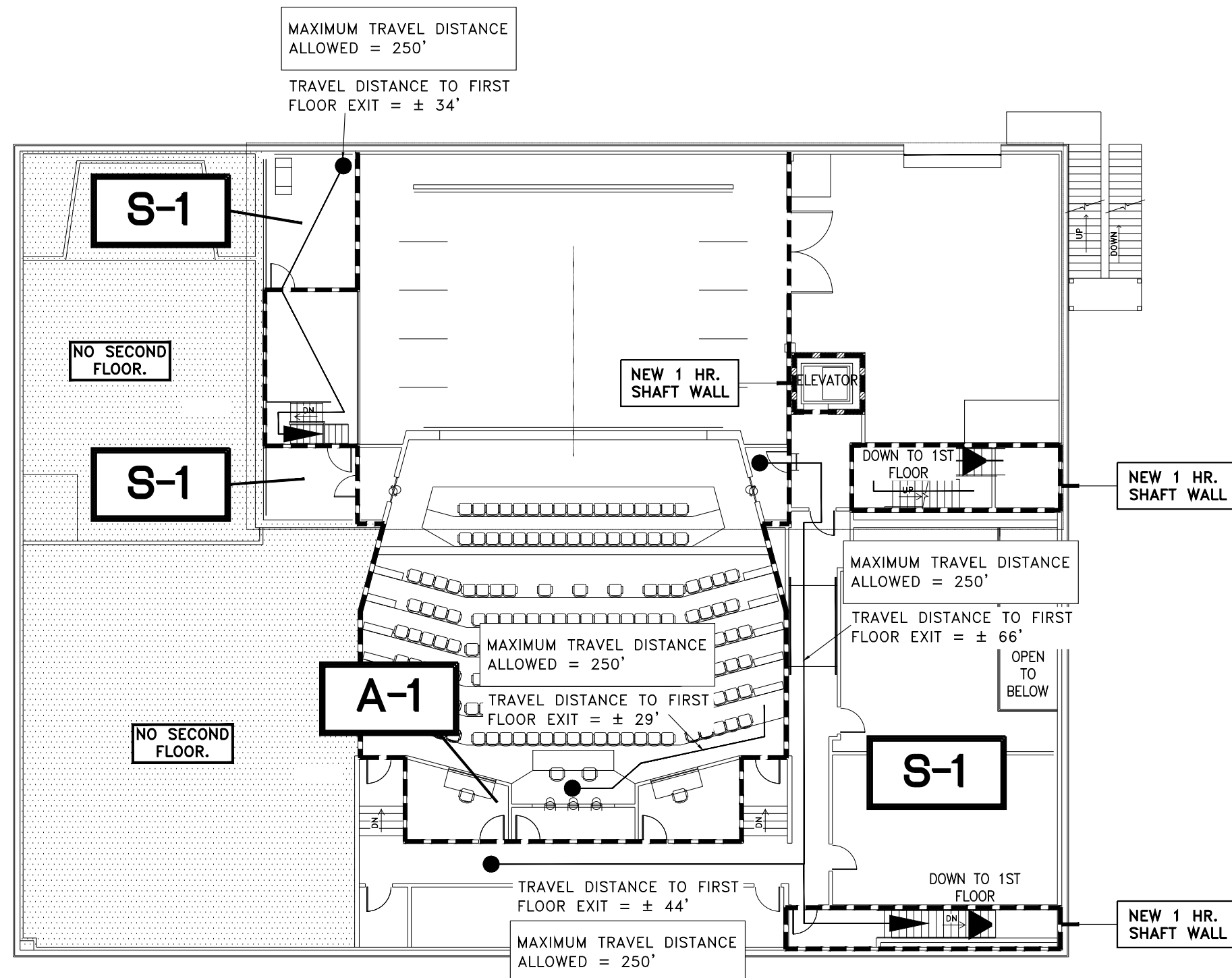
FLOOR	OCCUPANCY USE	AREA SF	OCCUPANT LOAD SF/PERSON	TOTAL # PERSONS	STAIRS		DOORS	
					INCHES PER PERSON	Width Required	Inches per Person	Width Required (IN)
1ST FLOOR	ASSEMBLY	5,164	FIXED SEATS	185	0.25	46"	0.15	27.8"
	STORAGE	5,217	300	17	-	-	0.15	2.6"
	OFFICE	2,911	100	29	-	-	0.15	4.4"
2ND FLOOR	STORAGE	3,398	300	11	NOTE #4	22"	0.15	1.7"
3RD FLOOR	OFFICE	1,569	100	16	NOTE #4	22"	0.15	2.4"
TOTAL		18,259		258		90"		38.9"
REQUIRED TOTAL EXIT STAIR WIDTH (SEE SECTION #4) & DOOR WIDTH						90.00"		64.00"
PROVIDED TOTAL EXIT STAIR & DOOR WIDTH						105.00"		180.00"
EXCESS OR DEFICIENCY						+15"		+96"
						Passed		Passed

SYMBOLS LEGEND:

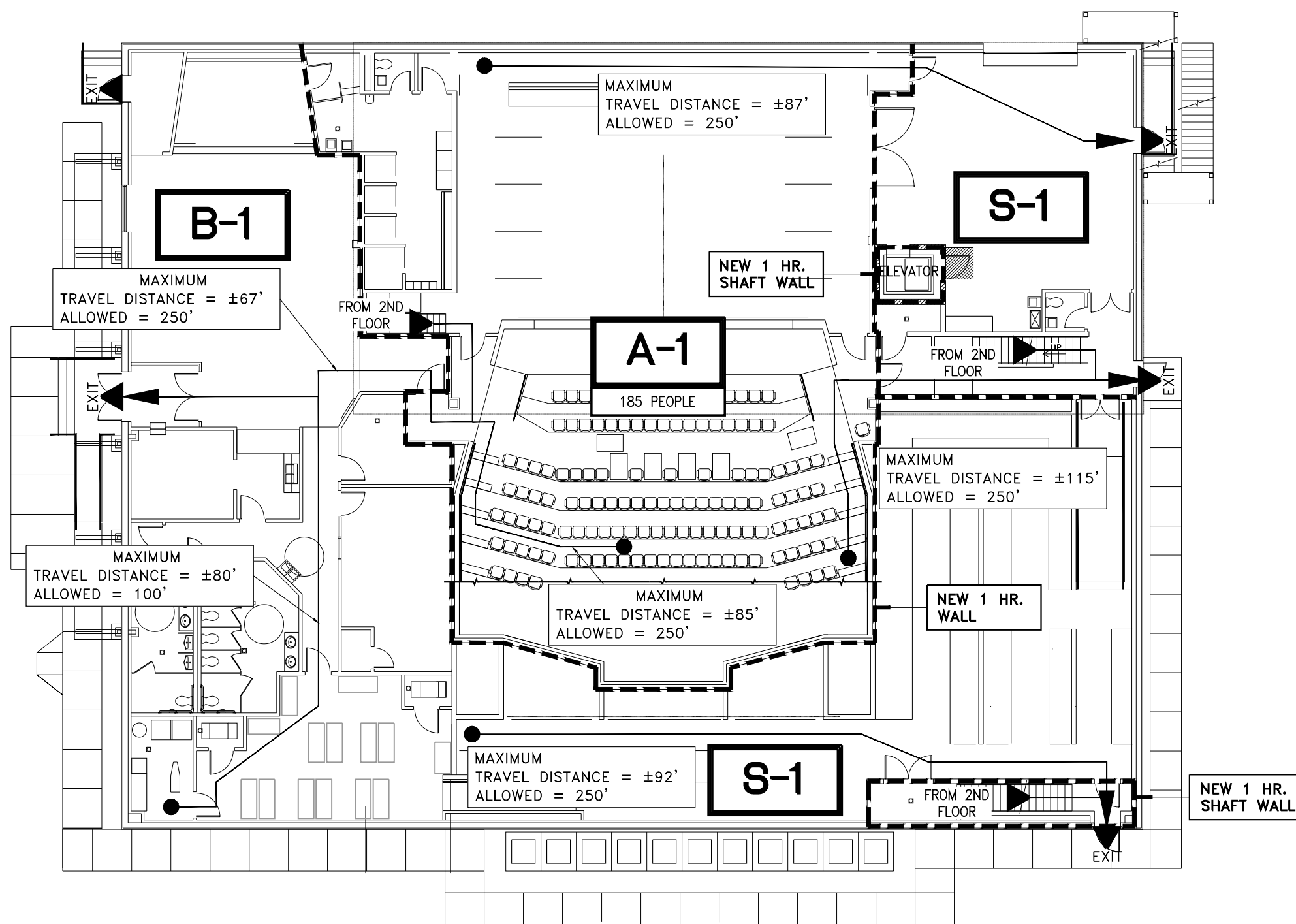
FE ■ FIRE EXTINGUISHER CABINET



THIRD FLOOR LIFE SAFETY PLAN
SCALE: 1/16" = 1'-0"



SECOND FLOOR LIFE SAFETY PLAN
SCALE: 1/16" = 1'-0"



FIRST FLOOR LIFE SAFETY PLAN
SCALE: 1/16" = 1'-0"

- ENTIRE BUILDING TO BE EQUIPPED WITH AUTOMATIC FIRE SUPPRESSION, SUPERVISION AND DETECTION SYSTEMS WITH MANUAL ALARMS.
- INSTALLER/DESIGNER OF THE ABOVE SYSTEM TO PROVIDE NECESSARY DOCUMENTS TO LOCAL BUILDING OFFICIALS FOR REVIEW AND APPROVAL FOR A COMPLETE AND WORKING SYSTEM.
- FIRE DAMPERS ARE REQUIRED IN ALL TRANSFER OPENINGS, OR HVAC DUCTS THAT PENETRATE A REQUIRED, FIRE RESISTIVE ASSEMBLY.
- ANY PENETRATIONS OF ANY FIRE BARRIER BY CONDUIT, PIPING, ETC., MUST BE DONE IN A MANNER THAT MAINTAINS THE RATING OF THE BARRIER WALL OR FLOOR. PLEASE PROVIDE PROPERLY RATED PENETRATION ASSEMBLIES.



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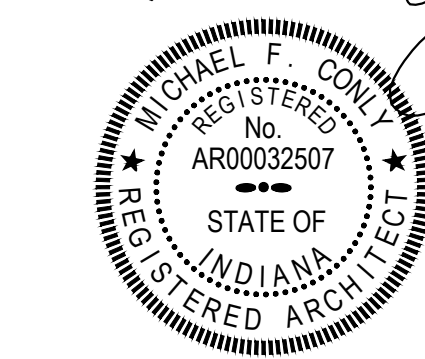
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DATE: 01/24/2023
COMMISSION: 20112
DRAWING BY: M.J.B.
CHECKED BY: M.F.C.

REVISIONS

MARK	DATE	DESCRIPTION

PROJECT NAME

SHELBY COUNTY PLAYERS

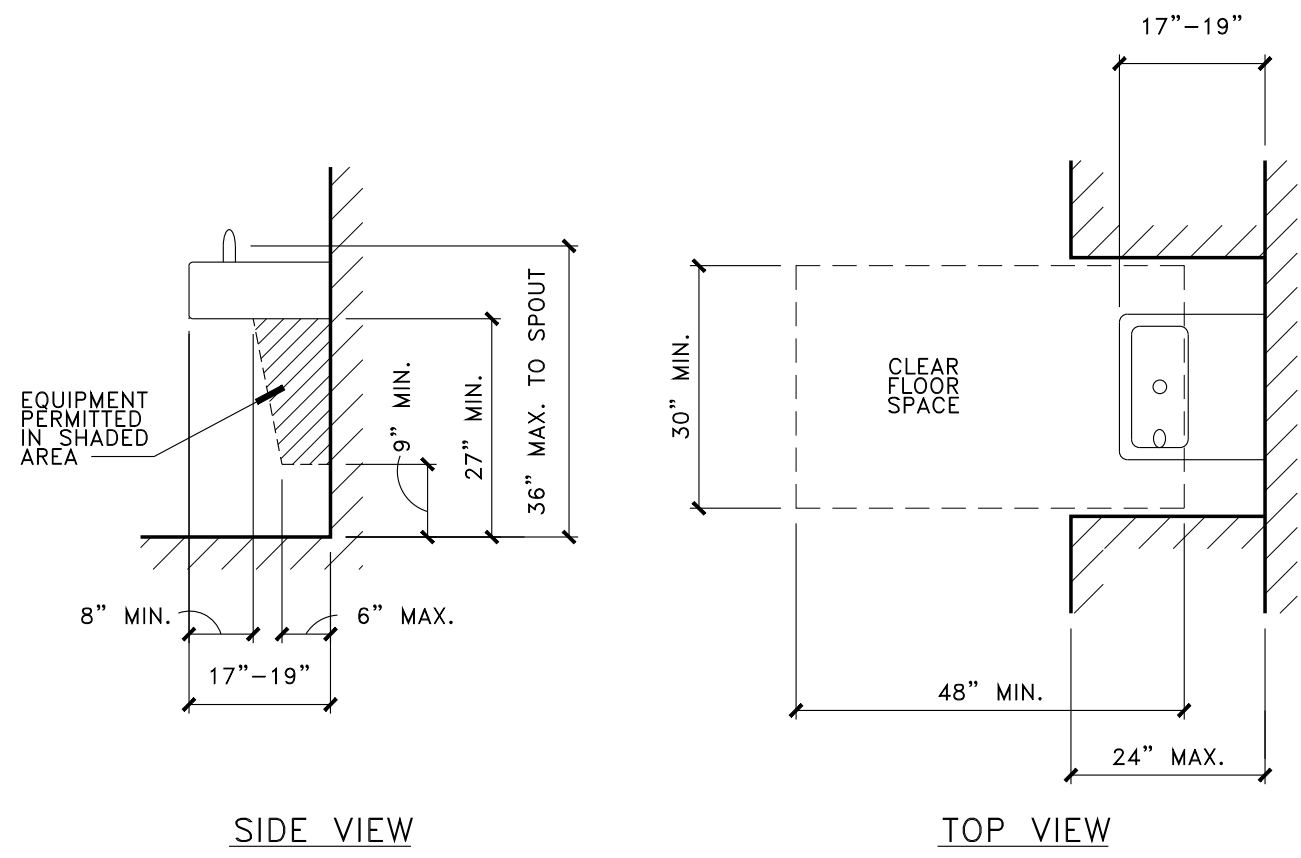
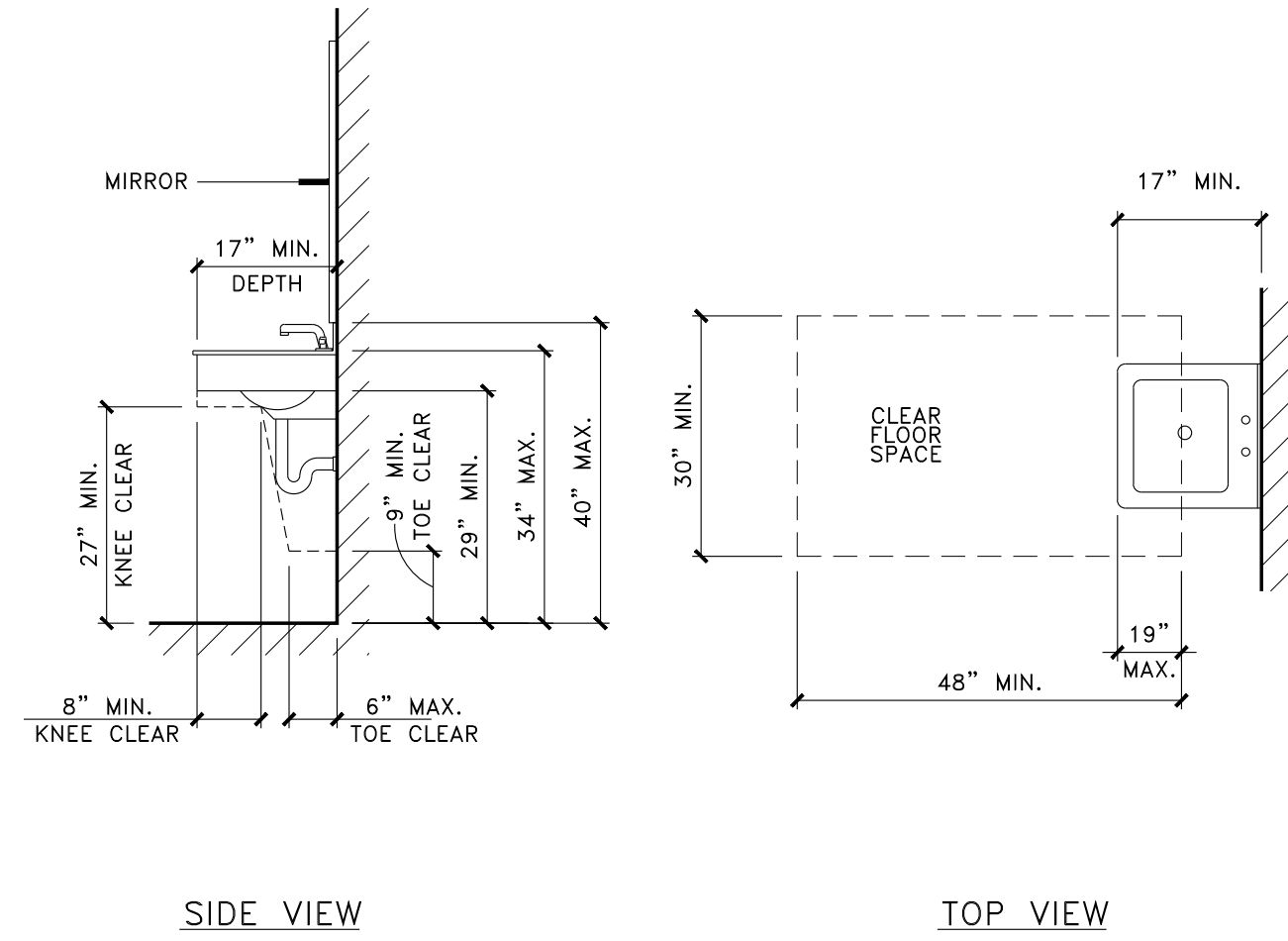
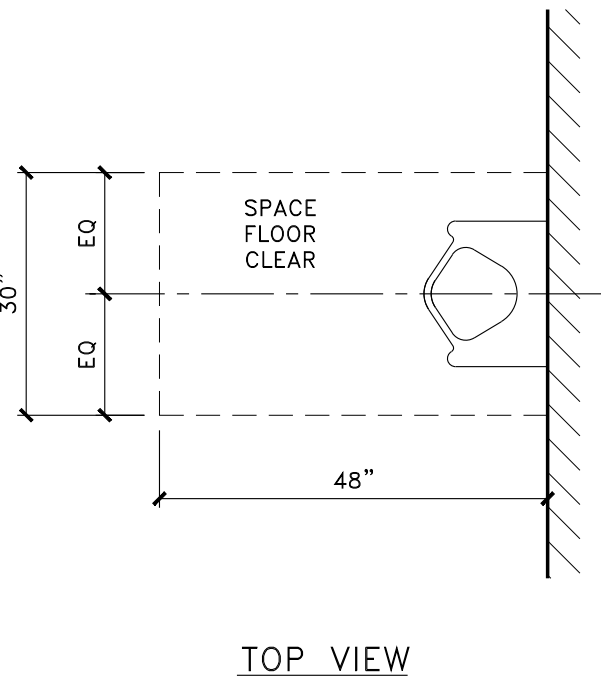
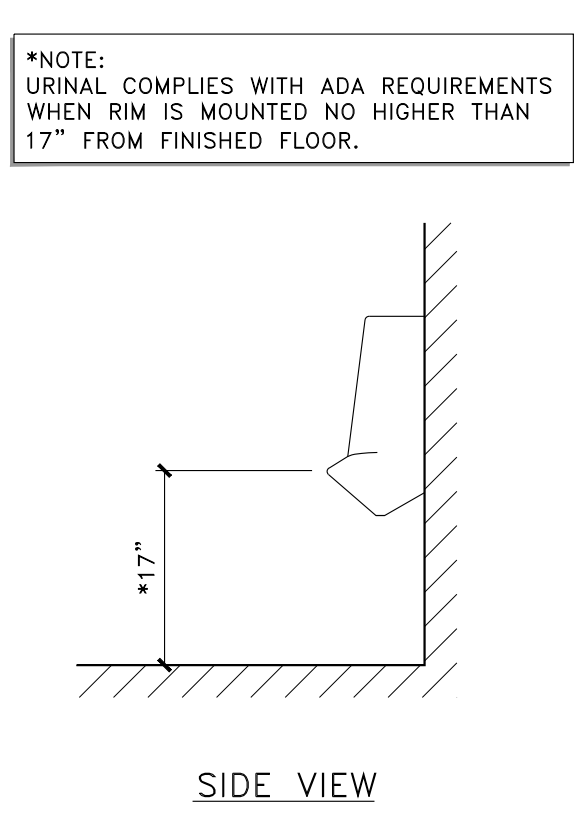
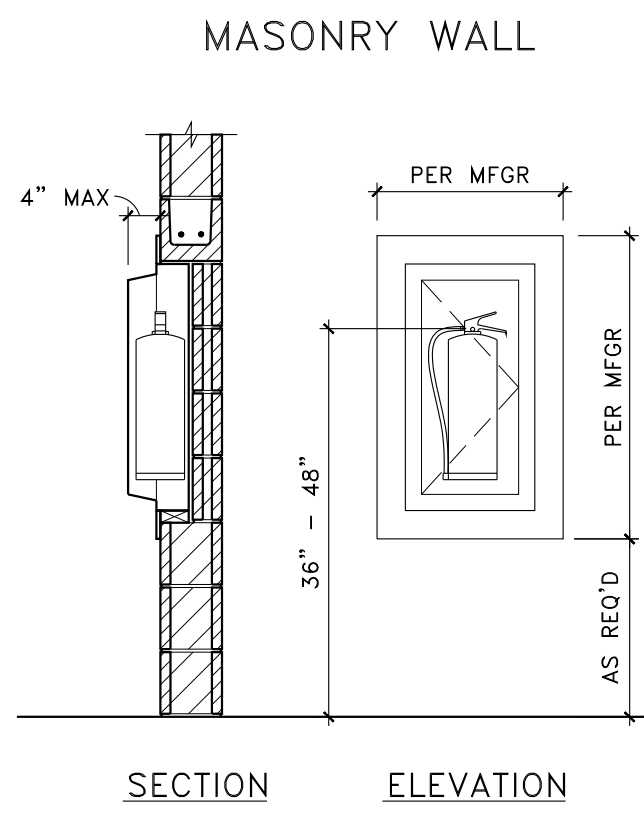
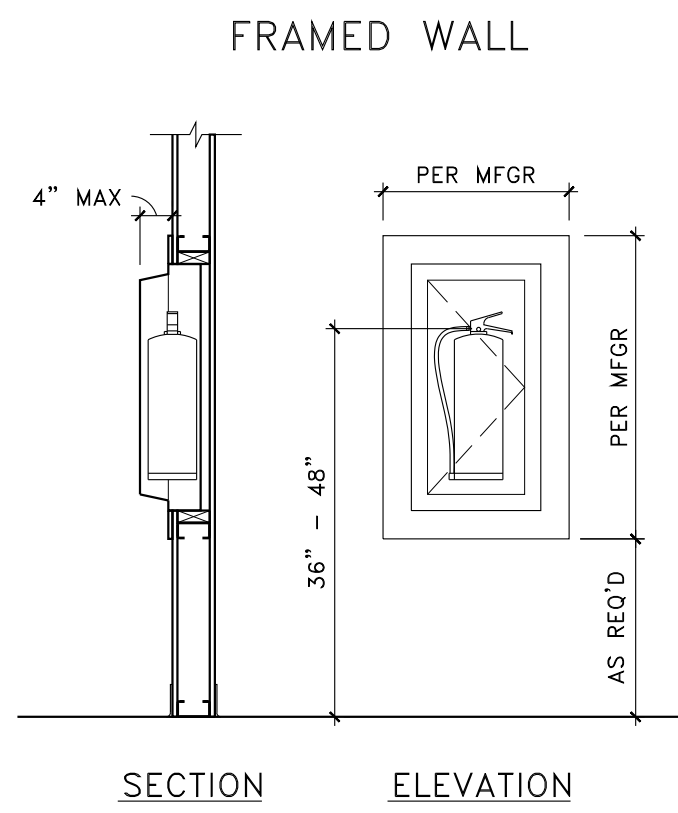
1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

OCCUPANCY,
LIFE SAFETY PLAN
AND BUILDING CODE
ANALYSIS

SHEET NUMBER

G-100

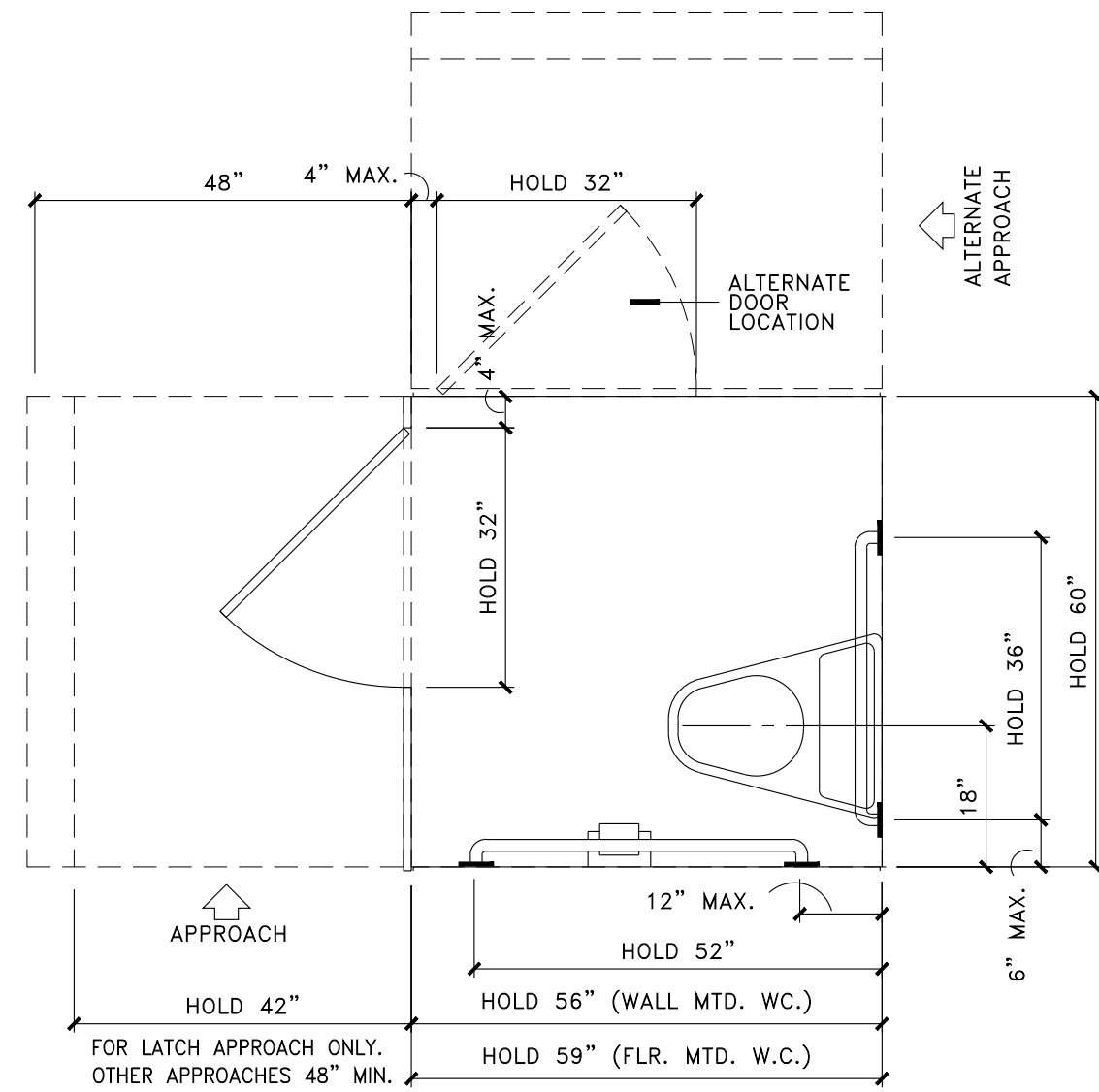
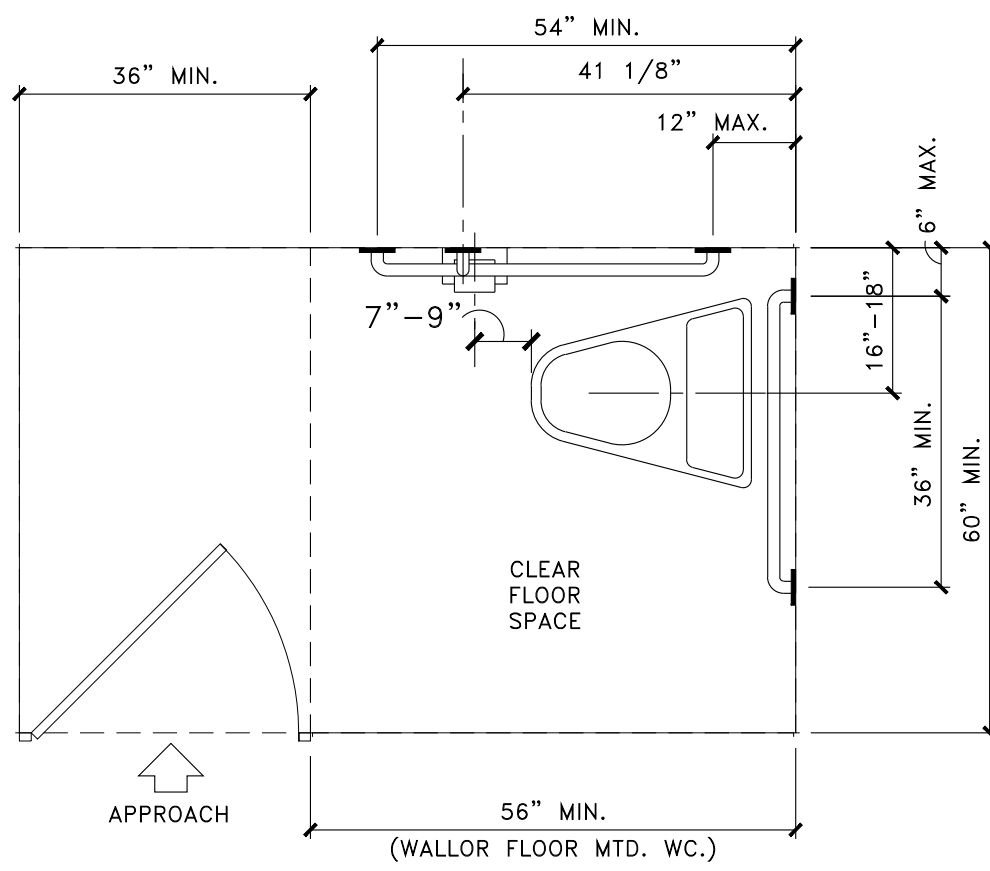
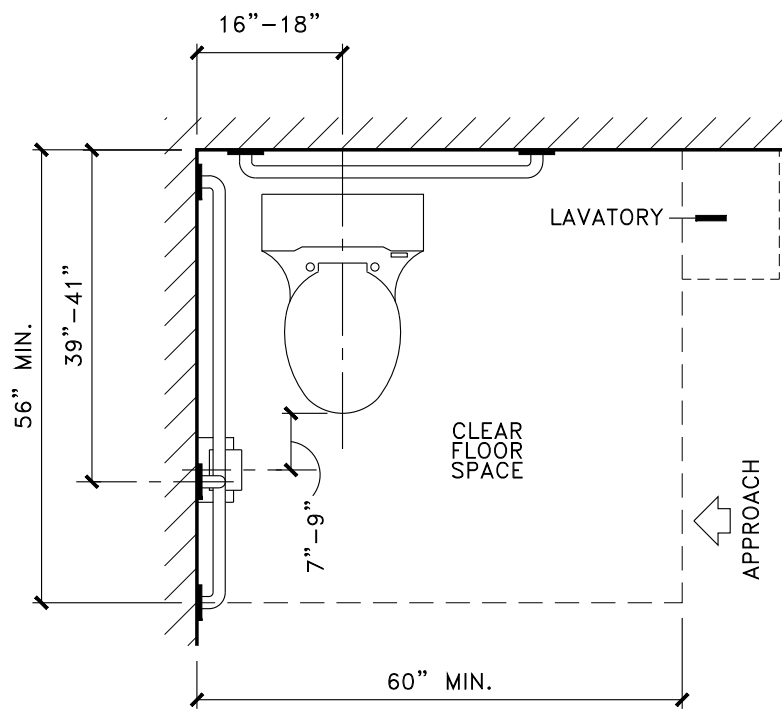
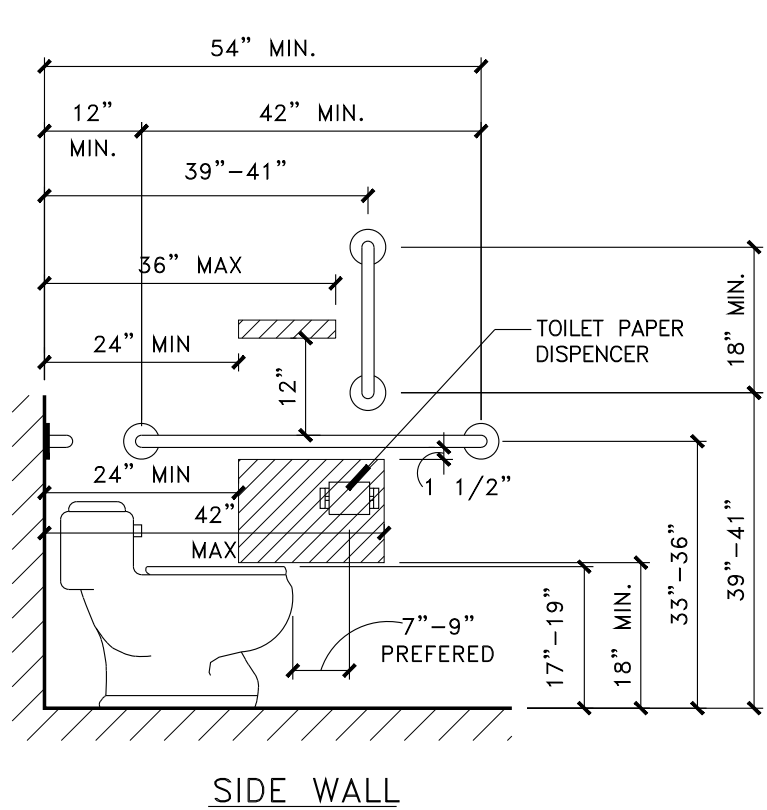
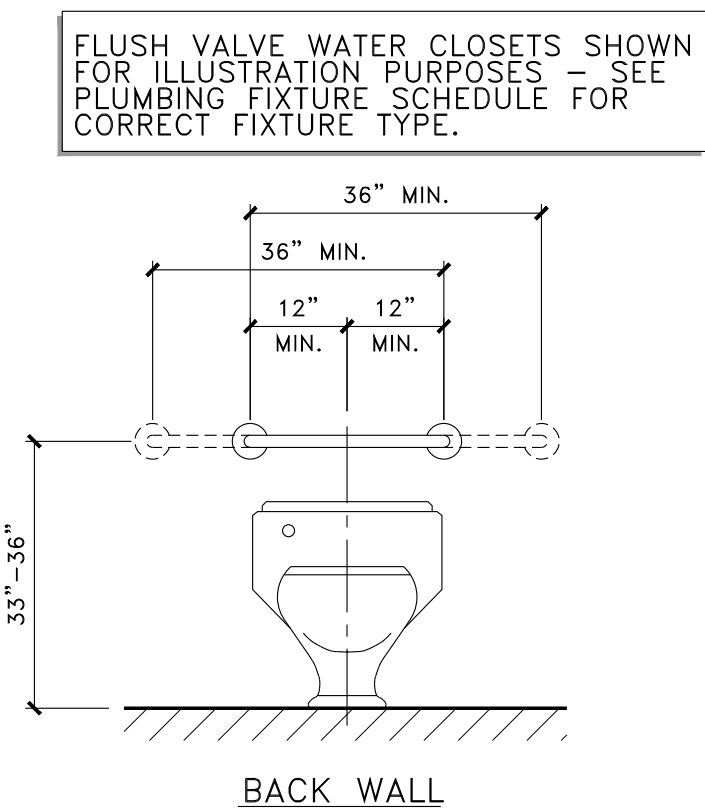


FIRE EXSTINGUISHER INSTALLATION DETAIL 12
SCALE: 1/2" = 1'-0" G-501

URINAL ADA DETAIL 11
SCALE: 1/2" = 1'-0" G-501

LAVITORY ADA DETAIL 10
SCALE: 1/2" = 1'-0" G-501

DRINKING FOUNTAIN ADA DETAIL 9
SCALE: 1/2" = 1'-0" G-501

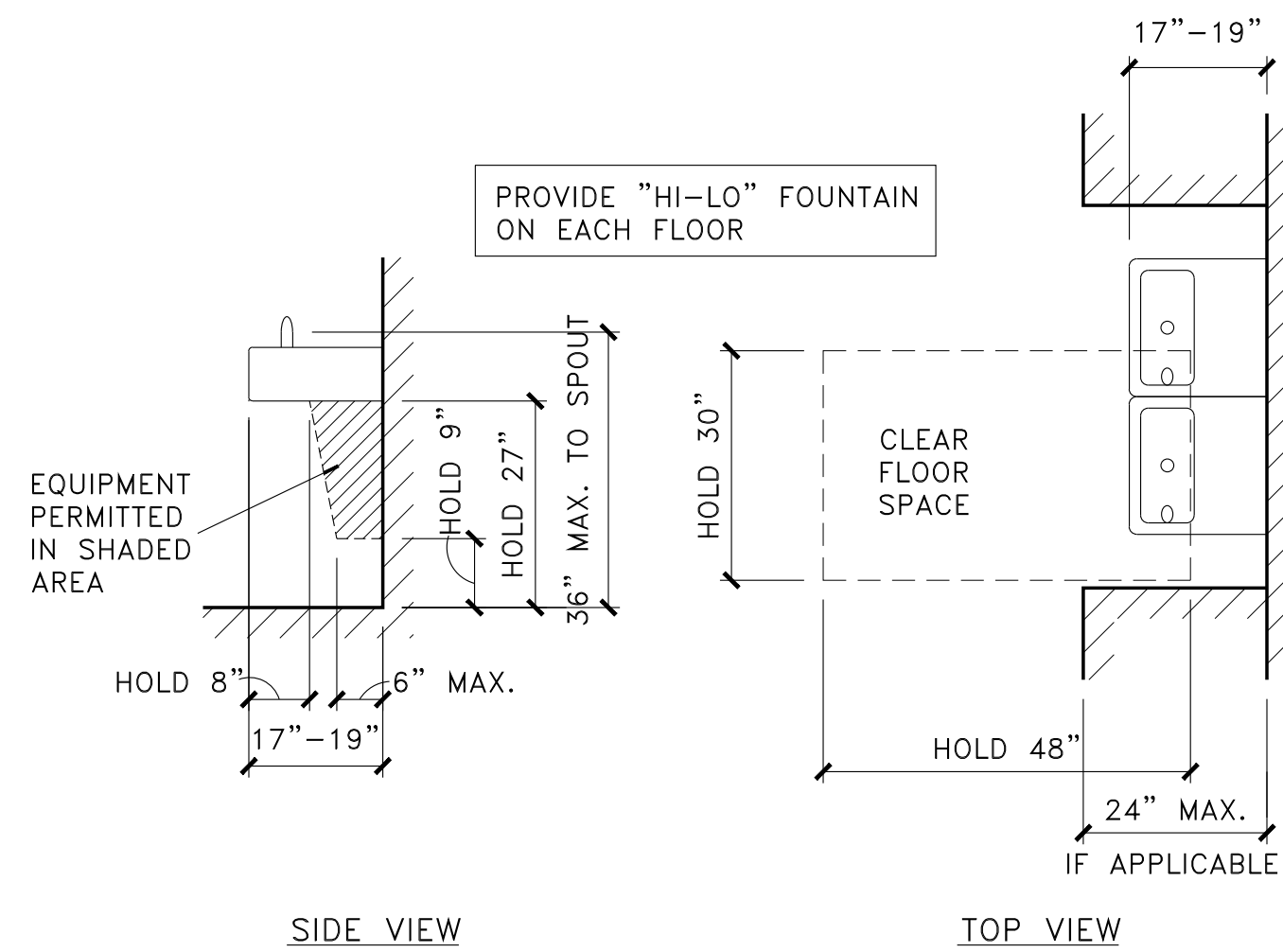
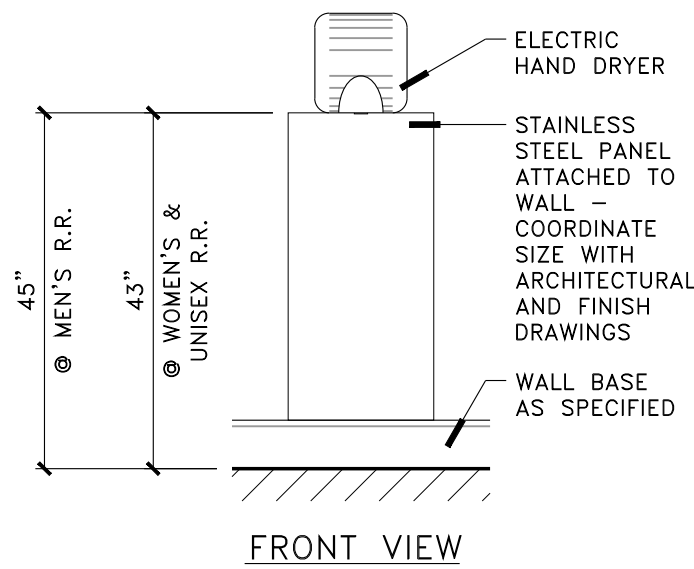
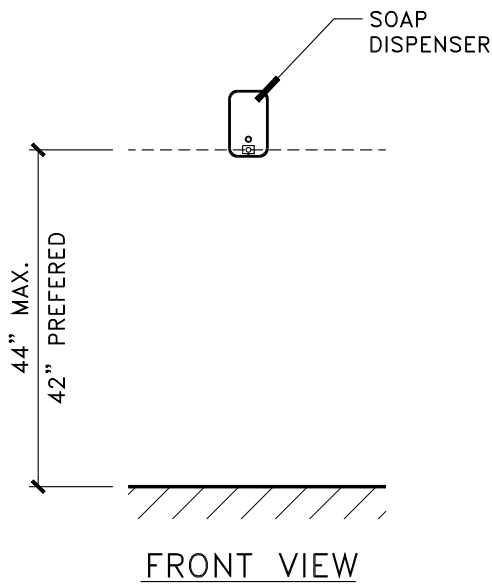
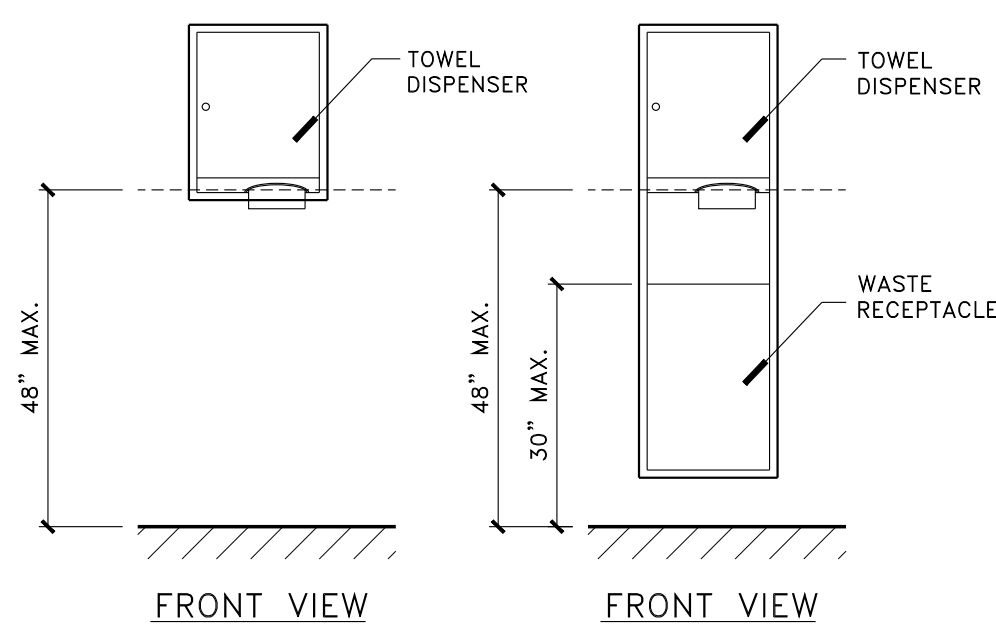


GRAB BAR ADA DETAIL 8
SCALE: 1/2" = 1'-0" G-501

WATER CLOSET CLEARANCE DETAIL 7
SCALE: 1/2" = 1'-0" G-501

END TOILET STALL ADA DETAIL 6
SCALE: 1/2" = 1'-0" G-501

STANDARD TOILET STALL ADA DETAIL 5
SCALE: 1/2" = 1'-0" G-501



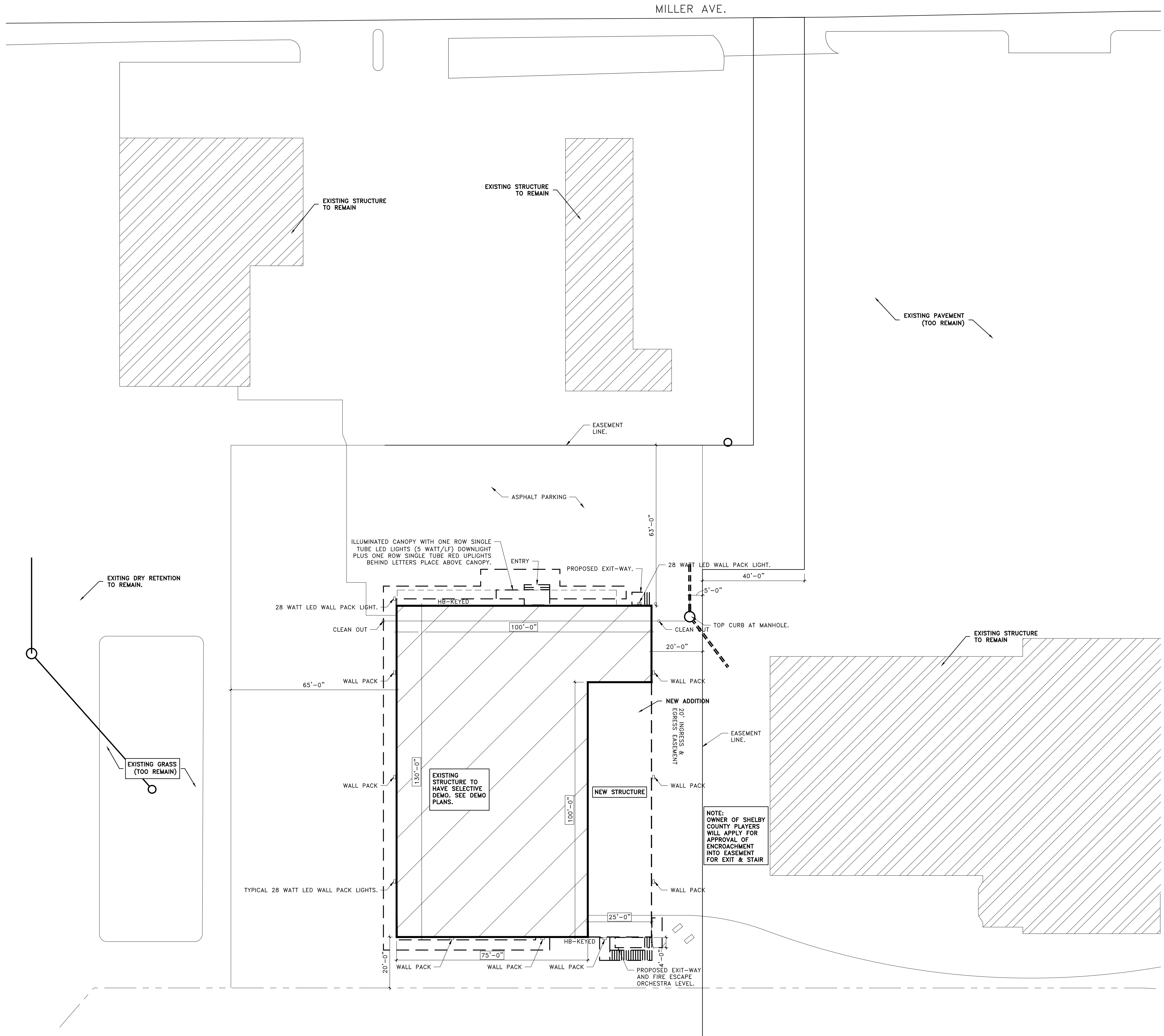
TOWEL DISPENSER INSTALLATION DETAIL 4
SCALE: 1/2" = 1'-0" G-501

SOAP DISPENSER INSTALLATION DETAIL 3
SCALE: 1/2" = 1'-0" G-501

HAND DRYER INSTALLATION DETAIL 2
SCALE: 1/2" = 1'-0" G-501

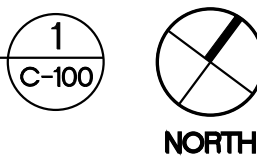
DRINKING FOUNTAION HI-LO ADA DETAIL 1
SCALE: 1/2" = 1'-0" G-501

MARK	DATE	DESCRIPTION



KEY PLAN
• 100.5 NEW ELEV.
• 98.3 EXST. ELEV.

SITE IMPROVEMENT PLAN
SCALE: 1"=10'-0"



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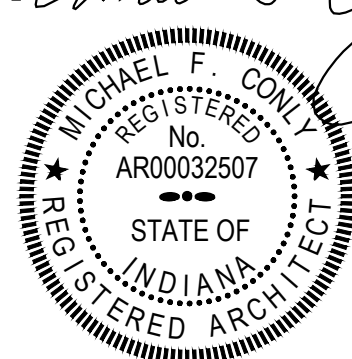
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SHELBY COUNTY PLAYERS

1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

SITE IMPROVEMENT PLAN

SHEET NUMBER

C-100

GENERAL NOTES

A) GENERAL

- 1) FOR ADDITIONAL NOTES, COORDINATE WITH ENTIRE SET OF DRAWINGS.
- 2) WALL LAYOUT SHALL BE COORDINATED WITH ARCHITECTURAL DRAWINGS. ANY DISCREPANCY SHALL BE NOTIFIED TO THE ARCHITECT.
- 3) ALL WORK SPECIFIED HEREIN SHALL BE INSPECTED IN ACCORDANCE WITH THE BUILDING CODE AND ALL LOCAL ORDINANCES. THE OWNER'S REPRESENTATIVE OR CONTRACTOR SHALL HIRE AN EXPERIENCED, QUALIFIED INSPECTOR TO PERFORM ALL THE REQUIRED INSPECTION WORK. ALL INSPECTION WORK MUST BE PERFORMED UNDER THE DIRECT SUPERVISION OF AN ENGINEER LICENSED IN THE LOCAL JURISDICTION. AMALGAMATED ENDEAVORS INC. (AEI), WILL NOT PERFORM THE REQUIRED INSPECTION AS PART OF THEIR DESIGN SERVICE. AEI MAY VISIT THE SITE TO ASCERTAIN GENERAL CONFORMANCE TO THE CONTRACT DOCUMENTS BUT SUCH VISITS ARE NOT TO BE CONSTRUED AS MEETING INSPECTION REQUIREMENTS.
- 4) STRUCTURAL DRAWINGS ARE INTENDED TO BE USED IN CONJUNCTION WITH THE CONTRACT DOCUMENTS AS A WHOLE (INCLUDING BUT NOT LIMITED TO ARCHITECTURAL, CIVIL AND MECHANICAL DRAWINGS). CONTRACTOR IS RESPONSIBLE FOR COORDINATING SUCH REQUIREMENTS INTO THEIR SHOP DRAWINGS AND WORK.
- 5) ALL COMPONENTS OF THE PRE-ENGINEERED METAL BUILDING (PEMB) STRUCTURE IS BY OTHERS. REFER TO SPECIFIC MANUFACTURER FOR REQUIREMENTS. THE REMAINING REMODELING FRAMING, BY AEI, IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL TEMPORARY BRACING AND/OR SUPPORT THAT MAY BE REQUIRED AS THE RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES.
- 6) NO CHANGE IN SIZE OR DIMENSION OF STRUCTURAL MEMBERS SHALL BE MADE WITHOUT WRITTEN APPROVAL OF THE ARCHITECT AND ENGINEER OF RECORD.
- 7) THE FRAMING FOR THE REMODELING (NON- PEMB) FRAMING IS NON-SELF-SUPPORTING UNTIL DECK IS FULLY INSTALLED AND ALL CONNECTORS ARE COMPLETE. PROVIDE A MINIMUM OF ONE BAY TEMPORARY LATERAL BRACING ON EACH GRID LINE IN EACH DIRECTION UNTIL FINAL DECK AND CONNECTION INSTALLATION IS COMPLETE.
- 8) THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED UPON STRUCTURAL FRAMING. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF THE FRAMING AT THE TIME THE LOADS ARE IMPOSED.
- 9) THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN, INSTALLATION AND REMOVAL OF ALL TEMPORARY BRACING AND CONSTRUCTION SUPPORTS, FOR NEW AND EXISTING STRUCTURES, AND AS NECESSARY TO COMPLETE THE PROJECT. NO PORTION OF THE PROJECT WHILE UNDER CONSTRUCTION IS INTENDED TO BE STABLE IN THE ABSENCE OF THE CONTRACTOR'S TEMPORARY BRACES AND SUPPORTS. CONTRACTOR SHALL RETAIN AN INDIANA LICENSED STRUCTURAL ENGINEER (PE) TO DESIGN ALL TEMPORARY AND CONSTRUCTION SUPPORTS (TYF.).
- 10) CONTRACTOR SHALL BE RESPONSIBLE TO IMPLEMENT THE DESIGN AND DETAILS AS INDICATED ON THE CONTRACT DOCUMENTS. IF THE CONTRACTOR OPTS TO MODIFY ANY DETAIL DUE TO THE CHANGE OF MATERIALS OR CONSTRUCTION METHODS, THE CONTRACTOR SHALL SUBMIT CALCULATIONS AND SHOP DRAWINGS SIGNED AND SEALED BY AN INDIANA LICENSED STRUCTURAL ENGINEER (PE), INDICATING ADEQUACY OF SUCH CHANGES. ACCEPTANCE OF SUCH MODIFICATIONS SHALL BE AT THE DISCRETION OF THE ARCHITECT AND ENGINEER OF RECORD. CONTRACTOR SHALL BEAR THE COST OF ADDITIONAL SERVICES INCURRED BY ALL PARTIES AS REQUIRED TO REVIEW AND/OR REDESIGN AND SUBMIT DRAWINGS OF SUCH CHANGES.
- 11) THE CONTRACTOR SHALL INFORM THE ARCHITECT IN WRITING OF ANY DEVIATION FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY OF SUCH DEVIATION BY ARCHITECT'S REVIEW OF SHOP DRAWINGS, PRODUCT DATA, ETC., UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE ARCHITECT OF SUCH DEVIATION AT THE TIME OF SUBMISSION, AND THE ARCHITECT HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION.
- 12) NO OPENINGS SHALL BE MADE IN ANY STRUCTURAL MEMBER WITHOUT WRITTEN APPROVAL OF THE ARCHITECT AND ENGINEER OF RECORD.
- 13) THE EXISTING STRUCTURAL INFORMATION THAT IS DEPICTED HEREIN ON THE DRAWINGS HAS BEEN EXTRACTED FROM THE AVAILABLE DOCUMENTATION FOR THE ORIGINAL BUILDING. THE CONTRACTOR IS TO FIELD VERIFY ALL OF THE AS-BUILT CONDITIONS IN THE AREA OF REMODELING & NEW CONSTRUCTION SUCH THAT HE/SHE HAS A CLEAR UNDERSTANDING OF THE COMPOSITION, ORIENTATION, SIZE, SPACING AND BEARING ASPECTS OF ALL OF THE EXISTING STRUCTURAL FRAMING COMPONENTS. REPORT ANY DISCREPANCIES TO THE STRUCTURAL ENGINEER IMMEDIATELY.
- 14) FOR WORK/FRAMING COMPONENTS THAT IS/ARE SPECIFIED ON THE DRAWINGS TO BE DESIGNED BY A SPECIFIC TRADE CONTRACTOR BASED ON A GIVEN LOAD/PERFORMANCE CRITERIA, THE APPLICABLE SHOP DRAWING SUBMITTAL IS TO INCLUDE THE SIMULTANEOUS SUBMITTAL OF A COMPREHENSIVE SET OF CALCULATIONS ADDRESSING THE DESIGN OF THE APPLICABLE COMPONENTS AND RELATED CONNECTIONS. THE SHOP DRAWINGS AND CALCULATIONS ARE TO BE COORDINATED WITH ONE ANOTHER AND BOTH ARE TO BEAR THE SEAL OF THE INDIANA LICENSED STRUCTURAL ENGINEER (PE) RESPONSIBLE FOR THEIR PREPARATION.

B) SOILS/FOOTINGS

- 1) FOOTINGS FOR THIS PROJECT HAVE BEEN DESIGNED BASED UPON A SAFE ALLOWABLE SOIL BEARING PRESSURE OF 2,500 PSF AT THE INDICATED DESIGN ELEVATION. FOOTINGS TO BEAR ON SUITABLE UNDISTURBED SOILS OR ENGINEERING FILL CAPABLE OF SUPPORTING THE STATED SAFE ALLOWABLE SOIL BEARING PRESSURE. ALL FOOTING EXCAVATIONS TO BE TESTED BY AN APPROVED SOIL TESTING SERVICE TO VERIFY THE ALLOWABLE SOIL BEARING PRESSURE PRIOR TO POURING CONCRETE (TYF.). PROVIDE TEMPORARY BRACING/SHORING OF THE EXISTING STRUCTURE AS REQUIRED FOR NEW CONSTRUCTION.
- 2) ALL SUBGRADE PREPARATION, FILL, FILL PLACEMENT, AND FOUNDATION CONSTRUCTION SHALL BE PERFORMED IN STRICT COMPLIANCE WITH THE STRUCTURAL REQUIREMENTS AND THE LICENSED GEOTECHNICAL ENGINEER'S ON-SITE RECOMMENDATIONS.
- 3) ALL ORGANIC AND DELETERIOUS MATERIAL, AS WELL AS ANY EXISTING PAVING, FOUNDATIONS, OR EXISTING FILL SHALL BE REMOVED FROM THE BUILDING PAD AREA PRIOR TO PLACEMENT OF FILL.
- 4) AS A PART OF THE EXCAVATION FOR ALL NEW FOUNDATIONS IN THE VICINITY OF THE EXISTING BUILDINGS, AN APPROPRIATE EARTH RETENTION/TEMPORARY SHORING/BRACING SYSTEM(S) IS TO BE EMPLOYED THAT PROVIDES VERTICAL AND LATERAL STABILITY FOR THE EXISTING FOOTINGS, FOUNDATION WALLS AND SURROUNDING SOILS, AND THAT PROVIDES A SAFE ENVIRONMENT FOR THE CONSTRUCTION OF THE NEW BUILDING, AND BUILDING REMODELING, THROUGHOUT THE DURATION OF THE NEW CONSTRUCTION. THE SPECIFIC SYSTEM(S) UTILIZED IS TO BE SELECTED BY THE CONTRACTOR UPON CONSIDERATION OF THE SPECIFIC CONDITIONS PRESENT AT THIS PROJECT. ALL OF THE COMPONENTS OF THE COMPRISE THE EARTH RETENTION/TEMPORARY SHORING/BRACING SYSTEM(S) ARE TO BE DESIGNED AND DETAILED BY AN INDEPENDENT STRUCTURAL ENGINEER LICENSED IN THE STATE OF INDIANA.
- 5) COORDINATE FOUNDATION WORK WITH UNDERGROUND UTILITIES.
- 6) ALL FOOTINGS AND FOUNDATIONS AT THE EXTERIOR PERIMETER OF THE BUILDING AND OUTSIDE THE LIMITS OF THE BUILDING SHALL EXTEND A MINIMUM OF 30" BELOW FINAL FINISHED GRADE. REFER TO TYPICAL STEPPED FOOTING DETAIL 4/S-201 AS REQUIRED.
- 7) ALL MINIMUM FOOTING WIDTHS TO BE EQUAL TO THE SUPPORTED WALL THICKNESS PLUS 6" PROJECTION EACH SIDE (U.N.O.). ANY FOOTING WIDTH NOT SPECIFICALLY TAGGED SHALL ADHERE TO THIS CRITERIA.
- 8) THROUGHOUT CONSTRUCTION, UNTIL SUCH TIME THAT THE PROJECT IS COMPLETE, THE CONTRACTOR IS TO PROVIDE ADEQUATE PROTECTION OF THE EXISTING AND NEW CONCRETE FOUNDATIONS AND SLABS AS NECESSARY TO PROTECT AGAINST THE EFFECTS OF FROST.

C) CONCRETE

- 1) REFER TO 1/S-201 FOR TYPICAL SLAB-ON-GRADE CONTROL AND CONSTRUCTION JOINT REQUIREMENTS AND WELDED WIRE REINFORCEMENT (WWR) PLACEMENT.
- 2) SEE 2/S-201 FOR TYPICAL CORNER BAR DETAILS AT FOUNDATION WALLS AND SLAB-ON-GRADE REENTRANT CORNERS.
- 3) REFER TO DETAIL 3/S-201 FOR TYPICAL REQUIREMENT AT FOUNDATION WALL RECESS.
- 4) CONTRACTOR TO ACCOUNT FOR ALL OPENINGS THROUGH CONCRETE SLABS AND FOUNDATION WALLS. COORDINATE REQUIREMENTS WITH A FULL SET OF CONTRACT DRAWINGS, INCLUDING BUT NOT LIMITED, TO ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL. REFER TO DETAIL 5/S-201 FOR TYPICAL FOUNDATION WALL PENETRATION DETAIL.
- 5) SEE DETAIL 6/S-201 FOR FOUNDATION WALL CONSTRUCTION JOINT REQUIREMENTS.
- 6) REFER TO 7/S-201 FOR TYPICAL ISOLATION JOINT DETAILS AT COLUMNS.
- 7) SEE 8/S-201 FOR REQUIREMENTS WHERE A NEW FOUNDATION WALL INTERSECTS WITH AN EXISTING FOUNDATION WALL TO REMAIN.
- 8) REFER TO 9/S-201 FOR REQUIREMENTS AT NEW TO EXISTING CONCRETE SLAB ON GRADE JOINT.
- 9) CONCRETE MATERIAL PROPERTIES:
- | USE | f_c @28 DAYS | W/C RATIO | SLUMP |
|--------------------------|----------------|-----------|------------|
| FOOTINGS | 3,000 psi | 0.56 | 3±1 INCHES |
| FOUNDATION WALLS / PIERS | 4,000 psi | 0.54 | 4±1 INCHES |
| INTERIOR SLAB-ON-GRADE | 4,000 psi | 0.46 | 4±1 INCHES |
| EXTERIOR SLAB-ON-GRADE | 4,500 psi | 0.46 | 4±1 INCHES |
| ELEVATED SLABS | 4,000 psi | 0.46 | 4±1 INCHES |
- 10) ALL EXTERIOR CONCRETE TO BE AIR ENTRAINED TO 6 ± 1 1/2" AIR CONTENT BY VOLUME.
- 11) LIMIT FLY ASH PERCENTAGE BY WEIGHT TO A MAXIMUM OF 20% OF TOTAL CEMENTITIOUS CONTENT.
- 12) LIGHTWEIGHT CONCRETE CALCULATED EQUILIBRIUM WEIGHT 110 PCF±3 PCF AT ALL DECK D2 SLABS.
- 13) CONTRACTOR MUST SUBMIT A CONCRETE DESIGN MIX IN ACCORDANCE WITH ACI-318 (LATEST LOCAL APPROVED EDITION). SUCH DESIGN MIX SHALL BE ACCOMPANIED BY THE APPROPRIATE GRAPHS AND BACKGROUND DATA. CONCRETE DESIGN MIX SHALL INDICATE 7 AND 28 DAY STRENGTHS, CEMENT CONTENT AND WATER-CEMENT RATIO, FINE AND COARSE AGGREGATES, AND ADMIXTURES FOR EACH DESIGN STRENGTH. THE ADDITION OF WATER AT THE PLANT OR IN THE FIELD GREATER THAN 1% MORE THAN THE SPECIFIED WATER CONTENT IS STRICTLY PROHIBITED.
- 14) ALL REINFORCING STEEL (BARS/TIES/STIRRUPS) SHALL BE HIGH STRENGTH STEEL CONFORMING TO ASTM DESIGNATION A-615 (LATEST LOCAL APPROVED EDITION), $F_y = 60,000$ PSI. ALL WELDED WIRE REINFORCEMENT (SMOOTH) SHALL CONFORM TO ASTM DESIGNATION A-185 $F_y=65,000$ PSI.
- 15) ALL REINFORCING SHALL BE DETAILED, FABRICATED, AND PLACED IN ACCORDANCE WITH THE A.C.I.'S "MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES" (ACI-315, LATEST LOCAL APPROVED EDITION).
- 16) ALL REINFORCEMENT SHALL BE HELD AND SECURED IN POSITION BY MEANS OF STANDARD ACCESSORIES. UNLESS NOTED OTHERWISE, DETAILING AND PLACING OF REINFORCED STEEL SHALL BE IN ACCORDANCE WITH ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES (ACI-315).
- 17) ALL SPLICES IN REINFORCING SHALL BE CLASS "B" TENSION SPLICES IN ACCORDANCE WITH ACI-318 (LATEST LOCAL APPROVED EDITION) UNLESS SPECIFICALLY NOTED OTHERWISE.
- 18) THE FOLLOWING CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT FOR CAST IN PLACE CONCRETE. COVER SPECIFIED SHALL BE CONSIDERED MINIMUMS THAT MAY REQUIRE INCREASING WHERE REINFORCING STEEL INTERSECTS FOR DIFFERENT MEMBER TYPES. COVER IN STRUCTURAL MEMBERS NOT SPECIFIED IN THE TABLE BELOW SHALL CONFORM TO THE REQUIREMENTS OF ACI-318 (LATEST LOCAL APPROVED EDITION) EXCEPT AS NOTED IN THE PLANS. THE REINFORCING STEEL DETAILER SHALL ADJUST REINFORCING STEEL CAGE SIZES AT INTERSECTING STRUCTURAL MEMBERS AS REQUIRED TO ALLOW CLEARANCE FOR INTERSECTING REINFORCING BAR LAYERS WITH MINIMUM SPECIFIED COVER.
- | CONDITION | MINIMUM CLEAR COVER (INCHES) |
|--|------------------------------|
| CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH | 3 |
| CONCRETE EXPOSED TO EARTH OR WEATHER:
#6 BAR AND LARGER
#5 BARS AND SMALLER | 2
1 1/2 |
| CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
SLABS, WALLS, JOISTS
BEAMS, GIRDERS, COLUMNS | 3/4
1 1/2 |
- 19) ALL FORMWORK SHALL BE IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE "FORMWORK FOR CONCRETE", SPECIAL PUBLICATION NO. 4 AND A.C.I.'S "STANDARD RECOMMENDED PRACTICE FOR CONCRETE FORMWORK" (ACI-347, LATEST LOCAL APPROVED EDITION).
- 20) CONTRACTOR TO REMOVE ALL FINS AND PROJECTIONS, AND FILL ALL VOIDS AT NEW EXTERIOR FOUNDATION WALLS AND PIER SURFACES FROM TOP OF WALL TO 1'-0" BELOW FINISHED GRADE IMMEDIATELY UPON REMOVAL OF FORMWORK.
- 21) ALL CONCRETE WORK SHALL CONFORM TO THE LATEST APPROVED (BY LOCAL GOVERNMENT) EDITIONS OF ACI AND ASTM. THIS SHALL INCLUDE, BUT IS NOT LIMITED TO, ACI-301, ACI-318, ACI-214, ACI-308, ACI-315, ACI-347, ACI-305, ACI-211, ACI-304, ASTM C-94, ASTM C-31, ASTM C-143, ASTM C-231, ASTM C-39, ASTM C-172, AND ASTM C-42.
- 22) ALL WATERSTOPS TO BE CONT. RX101 BY VOLCLAY OR EQUAL. INSTALL IN ACCORDANCE WITH MANUFACTURER'S WRITTEN REQUIREMENTS.
- 23) THERE ARE TO BE ABSOLUTELY NO HORIZONTAL RUNS OF CABLING, CONDUIT, PIPING OR ANY OTHER M.E.P MATERIAL PLACED WITHIN THE CROSS SECTION OF THE CONCRETE SLABS.

D) STRUCTURAL STEEL

- 1) STEEL MATERIAL PROPERTIES: ASTM SPECIFICATION AND GRADE. CLEARLY MARK THE GRADE OF STEEL ON EACH PIECE, WITH A DISTINGUISHING MARK VISIBLE FROM FLOOR SURFACES. FOR THE PURPOSE OF FIELD INSPECTION OF PROPER GRADE OF STEEL. UNLESS NOTED OTHERWISE ON THE DRAWINGS, STRUCTURAL STEEL SHALL BE AS FOLLOWS:
- a) W- AND WT-SHAPES SHALL CONFORM TO ASTM A992 ($F_y=50$ KSI) UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- b) C-SHAPES (CHANNEL), L-SHAPES (ANGLE) AND PLATES SHALL CONFORM TO ASTM A36 ($F_y=36$ KSI) UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- c) RECTANGULAR HSS SHALL CONFORM TO ASTM A500, GRADE B ($F_y=46$ KSI) UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- d) STEEL PIPES SHALL CONFORM TO ASTM A53 (TYPES E OR S), GRADE B UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- e) BASE PLATES SHALL CONFORM TO ASTM A572 GRADE 50 UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- f) BEAM AND COLUMN STIFFENER PLATES, CONTINUITY PLATES, AND DOUBLER PLATES SHALL CONFORM TO ASTM A572 GRADE 50.
- 2) THE CONNECTION DETAILS DEPICTED IN THE DRAWINGS ARE CONCEPTUAL ONLY AND MAY NOT REPRESENT THE COMPLEXITY OF THE CONNECTION(S) REQUIRED BY THE FINAL CONNECTION DESIGN FOR THE FORCES THEY MUST RESIST. ALL CONNECTIONS SHALL BE DESIGNED BY THE STEEL SUPPLIER TO ACHIEVE A MINIMUM OF ONE-HALF (THREE-QUARTERS FOR COMPOSITE BEAMS) THE TOTAL UNIFORM LOAD CAPACITY AS TABULATED IN THE "ALLOWABLE LOADS ON BEAMS" TABLES IN THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION'S STEEL CONSTRUCTION MANUAL. THE STEEL SUPPLIER IS RESPONSIBLE FOR ENGAGING THE SERVICES OF A CONNECTION SPECIALTY STRUCTURAL ENGINEER LICENSED IN THE STATE OF THE PROJECT TO PREPARE A FINAL SIGNED AND SEALED CONNECTION DESIGN FOR SUBMITTAL. PROVIDE THE MINIMUM ROWS OF BOLTS AS FOLLOWS:
- | | |
|----------|---|
| W12, W14 | 3 |
| W16 | 4 |
| W18, W21 | 5 |
| W24 | 6 |
- 3) ALL ECCENTRICITY SHALL BE ACCOUNTED FOR IN THE DESIGN OF THE CONNECTION.
- 4) USE DOUBLE ANGLE CONNECTIONS WHEREVER CONDITIONS ALLOW.
- 5) STRUCTURAL STEEL DETAILS, FABRICATION, AND ERECTION SHALL CONFORM TO THE CURRENT EDITION OF THE AISC, "MANUAL OF STEEL CONSTRUCTION", UNLESS OTHERWISE SHOWN OR SPECIFIED.
- 6) ALL WELDING SHALL BE DONE BY THE SHIELDED ARC PROCESS IN ACCORDANCE WITH THE RULES OF THE AMERICAN WELDING SOCIETY (AWS), "STRUCTURAL WELDING CODES," LATEST ADOPTION. ALL WELDERS SHALL BE QUALIFIED ACCORDING TO THE RULES OF THE AMERICAN WELDING SOCIETY.
- 7) SHOP COAT OF RUST-INHIBITING PAINT TO BE SHOP APPLIED AFTER REMOVING ALL RUST, SCALE, AND DIRT FROM THE STRUCTURAL STEEL. DO NOT PAINT BEAMS SCHEDULED TO RECEIVE SPRAY ON FIREPROOFING, AREAS TO BE FIELD WELDED AND TOP FLANGES TO RECEIVE SHEAR STUDS.
- 8) CONTRACTOR SHALL FURNISH AND INSTALL MISCELLANEOUS STEEL (CURBS, HANGERS, EXPANSION JOINT ANGLES, STRUTS, ETC.) AS CALLED FOR OR AS NECESSARY PER ARCHITECTURAL AND MECHANICAL/ ELECTRICAL DRAWINGS.
- 9) THE STRUCTURAL STEEL CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS PRIOR TO FABRICATING ANY COMPONENT.
- 10) THE STRUCTURAL STEEL FRAMING FOR THIS BUILDING IS NON-SELF-SUPPORTING. TEMPORARY LATERAL SUPPORT MUST BE PROVIDED FOR THAT FRAMING UNTIL THE METAL DECK IS COMPLETELY INSTALLED AND ALL FINAL CONNECTIONS ARE COMPLETE. A MINIMUM OF ONE BAY TEMPORARY LATERAL BRACING ON EACH GRID LINE IN EACH DIRECTION SHALL BE PLACED.
- 11) USE OF SLOTTED HOLES SUBJECT TO REVIEW OF STRUCTURAL ENGINEER. NOTE: SLOTTED CONNECTIONS MAY REQUIRE FIELD WELDING OF CONNECTION AFTER INSTALLATION. INDICATE ON SHOP DRAWINGS WHERE SLOTTED CONNECTIONS ARE DESIRED.
- 12) ALL BOLTS IN STRUCTURAL CONNECTIONS SHALL CONFORM TO ASTM A325 OR A490 UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
- 13) THREADED RODS SHALL CONFORM TO ASTM A36.
- 14) ALL BOLTS TO BE TIGHTENED ACCORDING TO THE "SNUG-TIGHTENED JOINTS" METHOD PER RCSC SPECIFICATION SECTION 4.1 AND THE AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS" UNLESS NOTED OTHERWISE.
- 15) WELDED HEADED STUDS SHALL CONFORM TO ASTM A108 ($F_y=50$ KSI).
- 16) GROUT UNDER COLUMN BASE PLATES SHALL ATTAIN A COMPRESSIVE STRENGTH OF 5000 PSI.
- 17) ANCHOR RODS SHALL BE ASTM A1554, GRADE 36 FOR 3/4" DIAMETER AND ASTM A1554, GRADE 105 FOR 1" DIAMETER.
- 18) PROVIDE A MINIMUM OF A (2)-SIDED 1/4"x3" LONG FIELD FILLET WELD OF MEMBER TO SUPPORT OR BEARING PLATE AT ALL FIELD INSTALLED MEMBERS

E) METAL STAIRS, HANRAILS, GUARDRAILS

- 1) ALL STAIR FRAMING, HANDRAILS, GUARDRAILS, LATERAL STABILITY, FOUNDATIONS, AND ALL ASSOCIATED CONNECTIONS SHALL BE DESIGNED BY THE STAIR MANUFACTURER. THE STAIR MANUFACTURER IS RESPONSIBLE FOR ENGAGING THE SERVICES OF A STRUCTURAL ENGINEER LICENSED IN THE STATE OF THE PROJECT TO PREPARE A FINAL SIGNED AND SEALED DESIGN AND CALCULATION SET FOR SUBMITTAL OF ALL COMPONENTS. PROVIDE SUPPLEMENTAL COLUMNS, MOMENT CONNECTIONS AND BRACING AS REQUIRED FOR OVERALL DESIGN AND STABILITY OF ALL STAIR ENTITIES. USE MOMENT CONNECTIONS AT EXIT WAYS AS TO NOT INTERFERE WITH EXIT PATH. STAIRS SHALL TO BE DESIGNED FOR ALL APPROPRIATE DEAD AND LIVE LOADS AND BE FULLY STABLE INDEPENDENT OF THE MEZZANINE FRAMING AND PEMB FRAMING. REFER TO CHAPTER 16 OF THE 2014 INDIANA BUILDING CODE FOR MINIMUM UNIFORM AND CONCENTRATED LIVE LOAD DESIGN REQUIREMENTS (100 PSF/300 LBS OVER 2INx2IN AREA) AND DEFLECTION LIMITATIONS. DESIGN FOR MINIMUM EXTERNAL WIND LOAD OF 30 PSF AND INTERNAL PRESSURE OF 10 PSF (SERVICE) UNLESS OTHERWISE REQUIRED BY CODE.



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REVISIONS		
MARK	DATE	DESCRIPTION

PROJECT NAME
SHELBY COUNTY
PLAYERS

1416 MILLER AVE.
SHELBYVILLE IN 46176

SHEET TITLE

GENERAL NOTES

SHEET NUMBER

S-101

GENERAL NOTES CONT.

F) COLD-FORMED STEEL METAL FRAMING

- ALL FRAMING MEMBERS SHALL BE FORMED FROM CORROSION-RESISTANT STEEL, CORRESPONDING TO THE REQUIREMENTS OF ASTM A446, WITH A MINIMUM YIELD STRENGTH OF 33 KSI OR 50 KSI AS REQUIRED BY DESIGN.
- ALL MEMBERS SHOWN ARE STANDARD DESIGNATIONS OF THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA).
- FABRICATOR IS RESPONSIBLE FOR THE DESIGN AND DETAILING OF ALL LIGHTGAGE STEEL FRAMING AND SHALL RETAIN A STRUCTURAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED. THE ENGINEER SHALL SEAL AND SIGN BOTH CALCULATIONS AND SHOP DRAWINGS. GENERALLY, CONNECTIONS SHOWN ON THE DRAWINGS ARE SCHEMATIC AND ARE INTENDED ONLY TO SHOW THE RELATIONSHIP OF THE MEMBERS AND INFORMATION FOR PRICING/BIDDING.
- SUBMIT CALCULATIONS AND SHOP DRAWINGS FOR DETAILS, FABRICATION, AND ERECTION OF LIGHTGAGE STEEL FRAMING DRAWINGS SHALL INCLUDE LAYOUT, SPACING, TYPE, MATERIAL/MEMBER PROPERTIES AND ALL DETAILS OF CONNECTIONS FOR ALL LIGHTGAGE STEEL FRAMING INDICATED ON THE STRUCTURAL DRAWINGS.
- SHOP DRAWINGS SHALL BE REVIEWED BY THE CONTRACTOR PRIOR TO SUBMISSION. DRAWINGS SHALL BEAR THE CONTRACTOR'S APPROVAL STAMP ACCEPTING RESPONSIBILITY FOR DIMENSIONS, QUANTITIES AND COORDINATION WITH THE OTHER TRADES.
- ALL FRAMING COMPONENTS SHALL BE CUT SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS OR AS REQUIRED FOR AN ANGULAR FIT TIGHT AGAINST ABUTTING MEMBERS.
- WHERE STUD FRAME TO STRUCTURAL FLOOR OR ROOF MEMBERS SUBJECT TO DEFLECTION FROM OCCUPANT LIVE LOADING, A DEFLECTION CLIP ASSEMBLY SHALL BE PROVIDED AT THE TOP RUNNER TO ACCOMMODATE VERTICAL STRUCTURAL MOVEMENT.
- FASTENING OF COMPONENTS SHALL BE BY SELF-DRILLING SCREWS OR BY WELDING AS DEFINED BELOW U.N.O. ON THE DRAWINGS.
- SCREWED CONNECTIONS
 - SCREWS SHALL BE TYPE S-12 OR TYPE S-4 FOR ALL FRAMING MEMBERS PER MANUFACTURER'S RECOMMENDATIONS.
 - A MINIMUM OF THREE (3) EXPOSED THREADS SHALL PENETRATE THROUGH ALL JOINED MATERIALS.
 - CORROSION-RESISTANT CADMIUM-PLATED SCREWS SHALL BE USED FOR SCREWS ATTACHING METAL LATH, MASONRY TIES, AND OTHER EXTERIOR MATERIALS.
- WELDED CONNECTIONS
 - USE GAS METAL ARC WELDING (GMAW) FOR 20 GA OR LIGHTER MEMBERS. AWS E-703-3, E-705-5, E-705-6 WIRE ELECTRODES OF 035" DIAMETER SHALL BE USED WITH CARBON DIOXIDE, ARGON-OXYGEN, OR ARGON-CARBON DIOXIDE GAS SHIELDING. WELDING EQUIPMENT SHALL PROVIDE 60 TO 100 AMPERES AT 25 VOLTS USING 220 VOLT 3-PHASE ELECTRIC SERVICE.
 - SHIELDED METAL ARC WELDING (SMAW) SHALL BE USED FOR 18 GA AND HEAVIER MEMBERS AWS E-6012, E-6013, OR E-614 ELECTRODES OF 3/32" OR 1/8" DIAMETER SHALL BE USED. WELDING EQUIPMENT HEAT SETTING SHALL BE VARIED DEPENDENT ON MATERIAL THICKNESS.
 - ALL WELDS SHALL BE TOUCHED UP WITH A ZINC RICH PAINT, OR PAINT SIMILAR TO THAT USED BY THE FRAMING MEMBER SUPPLIER ON PAINTED MEMBERS FROM THE SUPPLIER.
- PROVIDE CONT. 1 1/2" 16 GA. U-CHANNEL BRIDGING AT 48" O.C. MAX. THROUGH STUDS (TYP.).
- CUTTING OF STEEL FRAMING MEMBERS MAY BE DONE WITH A SAW OR CUTTING SHEARS. TORCH CUTTING OF LOAD BEARING MEMBERS IS NOT PERMITTED.
- COMPLETE, UNIFORM, AND LEVEL BEARING SUPPORT SHALL BE PROVIDED FOR THE BOTTOM RUNNER. AT SPLICES WHERE SUPPORT IS NOT COMMON TO BOTH RUNNERS, EITHER BUTT WELD RUNNERS OR USE A STUD SECTION INSERTED IN THE RUNNER AS A SPLICING MEMBER ATTACHED PER MANUFACTURER'S RECOMMENDATIONS. RUNNER INTERSECTIONS SHALL BUTT EVENLY.
- SPACING OF STUDS SHALL HAVE A TOLERANCE OF 1/8" FROM THAT SHOWN ON THE DRAWINGS, PROVIDING THAT HE CUMULATIVE ERROR DOES NOT EXCEED THE REQUIREMENTS OF OTHER MATERIALS OR CONSTRUCTION.
- ALIGNMENT OF STUDS (PLUMBNESS) AND WALLS (STRAIGHTNESS) SHALL BE WITHIN 1/960TH OF THEIR RESPECTIVE HEIGHTS AND LENGTHS.
- STUDS SHALL BE PLUMBED ALIGNED AND SECURELY ATTACHED TO BOTH TOP AND BOTTOM RUNNERS. SPLICES IN STUDS ARE NOT PERMITTED.
- TEMPORARY BRACING WHERE REQUIRED, SHALL BE PROVIDED UNTIL ERECTION IS COMPLETED.
- WHERE MANUFACTURER'S RECOMMENDATIONS FOR ERECTION, ATTACHMENT, ASSEMBLY, BRACING ALIGNMENT OR OTHER REQUIREMENTS ARE MORE STRINGENT THAN INDICATED IN THESE DRAWINGS OR THE PROJECT SPECIFICATIONS, THE MANUFACTURER'S RECOMMENDATIONS SHALL APPLY.

G) STEEL DECK

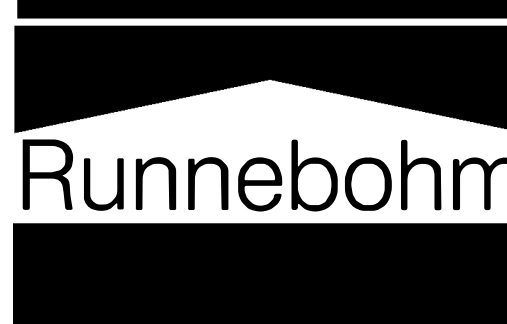
- ROOF DECK BY PEMB MANUFACTURER.
- ALL STEEL FLOOR DECK SHALL BE AS MANUFACTURED BY A FABRICATOR APPROVED BY THE STEEL DECK INSTITUTE. SUBMIT METAL DECK SHOP DRAWINGS DEPICTING LAYOUT AND TYPE OF DECK PANELS, ANCHORAGE DETAILS, DECK OPENINGS, JOINTING, ACHORAGE/ATTACHMENT DETAILS AND ACCESSORIES FOR APPROVAL BY AEI PRIOR TO FABRICATION.
- ATTACH FLOOR DECK TO SUPPORTING STEEL WITH A MINIMUM OF 5/8" DIAMETER PUDDLE WELDS WITH A 36/4 WELD PATTERN WITH (1) WELDED SIDELAP FASTENER PER SPAN. SEE PLANS FOR SPECIFIC REQUIREMENTS.
- PROVIDE (3) SPAN MINIMUM DECK SUPPORT.
- SHEAR CONNECTORS: 3/4" DIAMETER, HEADED STUDS ASTM A108. SHALL EXTEND A MINIMUM OF 1 1/2" ABOVE THE TOP OF STEEL DECK WITH A MINIMUM CLEAR COVER OF 1/2" MIN. FROM THE TOP OF SLAB.
- DISTRIBUTE STEEL STUDS UNIFORMLY OVER BEAM SPAN UNLESS OTHERWISE NOTED ON THE DRAWINGS. MAXIMUM SPACING OF 3/4 INCH HEADED STUDS SHALL NOT EXCEED 2'-0" ON CENTER (ONE STUD PER TWO FEET) UNLESS OTHERWISE NOTED ON PLAN.
- STRUCTURAL STEEL FRAMING AND METAL DECK WILL DEFLECT DURING CONSTRUCTION OF CONCRETE ON METAL DECK. ACCOUNT FOR DEFLECTION AS REQUIRED TO PRODUCE A LEVEL FLOOR SLAB.
- DO NOT RUN ANY ARCH. OR M.E.P. COMPONENTS (PIPING, CONDUIT, ETC.) WITHIN THE CROSS SECTION OF THE CONCRETE SLAB ON METAL DECK.
- M.E.P. EQUIPMENT (PIPING, DUCTWORK, ETC.) SHALL NOT BE SUPPORTED BY THE METAL FLOOR DECK. PROVIDE SUPPLEMENTAL STEEL AS REQUIRED TO SUPPORT FROM STRUCTURAL FRAMING MEMBERS (BEAMS/JOISTS/ETC.).
- REFER TO DETAIL 3/S-301 FOR TYPICAL FRAMING AT FLOOR OPENING THROUGH DECK D1.
- REFER TO DETAIL 4/S-301 FOR TYPICAL PLACEMENT OF WELDED WIRE REINFORCEMENT (W.W.R.) AT DECKS D1 AND D2.
- REFER TO DETAIL 5/S-301 FOR ADDITIONAL REINFORCEMENT REQUIRED AT DECK D1 AT COLUMN PENETRATIONS. PROVIDE ISOLATION JOINT AT ALL PEMB COLUMNS PASSING THROUGH DECK D1 AT ORCHESTRA MEZZANINE. REFER TO ARCHITECTURAL DRAWINGS.

H) MASONRY

- REINFORCING STEEL SHALL CONFORM TO ASTM A615 (Fy=60KSI).
- MASONRY WALLS TO HAVE THE FOLLOWING MINIMUM COMBINED MORTAR AND MASONRY UNIT STRENGTHS AS REQUIRED TO OBTAIN A NET MASONRY COMPRESSIVE STRENGTH (fm) OF 2,500 PSI. MORTAR SHALL BE CONFORM TO ASTM C270. PROVIDE MEDIUM WEIGHT CONCRETE BLOCK OF ASTM C90 WITH MINIMUM STRENGTH (fu) OF 3,000 PSI.
- GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI AND CONFORM TO ASTM C476.
- DO NOT USE CALCIUM CHLORIDE AND/OR ADMIXTURES CONTAINING SAME IN MORTAR OR GROUT MIX.
- FULLY GROUT ALL CORES OF CMU WALLS SOLID AT ALL LOCATIONS WHERE MOUNTED EQUIPMENT ATTACHMENTS ARE MADE. COORDINATE LOCATIONS AND ELEVATIONS WITH ARCHITECTURAL AND M.E.P. DRAWINGS.
- ALL PENETRATIONS THROUGH MASONRY WALLS IN ALL AREAS OF THE NEW AND EXISTING BUILDINGS REQUIRE LINTELS. IF A LINTEL MARK HAS NOT BEEN SPECIFICALLY NOTED ON THE PLAN AT AN OPENING REQUIRED BY ANY TRADE, REFER TO THE LINTEL SCHEDULES ON SHEET S-103 AND PROVIDE LINTEL L2. THE CONTRACTOR SHALL COORDINATE ALL LINTEL REQUIREMENTS WITH A FULL SET OF CONSTRUCTION DOCUMENTS.
- GROUT/FILL CORES IN HOLLOW CMU WITH A MINIMUM OF 2'-0"x2'-0" OF 2,500 PSI CONCRETE GROUT BELOW BEARING PLATES BEAMS AND LINTELS U.N.O.
- HORIZONTAL JOINT REINFORCEMENT SHALL BE 9 GAGE MILL GALVANIZED LADDER TYPE SPACED EVERY OTHER COURSE (16" O.C.) U.N.O. ON THE DRAWINGS OR SPECIFICATIONS. LAP HORIZONTAL JOINT REINFORCEMENT A MINIMUM OF 75 BAR DIAMETERS OF THE SIDE RODS.
- PROVIDE A MINIMUM LAP SPLICE LENGTH OF 48".
- IT IS NOT THE INTENT OF THE STRUCTURAL SECTIONS/DETAILS TO DEPICT THE ELEVATION OF MASONRY COURSING, THE TYPE OF FINISH, DIMENSIONS OR MATERIAL TO BE SUPPLIED FOR ANY MASONRY PRODUCT. REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL INFORMATION. CONTRACTOR TO EXTRACT FROM THE STRUCTURAL DRAWINGS ONLY THE INFORMATION THAT IS PERTINENT TO THE STRUCTURAL PERFORMANCE OF THE WALL (REINFORCEMENT, REQUIRED BOND BLOCKS, SOLID GROUTED COURSES THAT ARE IN ADDITION TO WALL/SHEARWALL.
- DESIGN IS BASED ON "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" (ACI 530/ LATEST EDITION). MASONRY CONSTRUCTION AND MATERIALS SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES" (ACI 530.1/ ASCE 6), EXCEPT AS MODIFIED BY THE REQUIREMENTS OF THESE CONTRACT DOCUMENTS.
- MASONRY WALLS TO BE LAID IN RUNNING BOND AND HAVE CONTROL JOINTS AT A MAXIMUM OF 24' O.C. U.N.O ON THE DRAWINGS.
- MASONRY WALLS TO BE ADEQUATELY BRACED DURING ERECTION. BRACING SHALL REMAIN IN PLACED UNTIL ALL FINAL FLOOR/ROOF DECK CONNECTIONS HAVE BEEN MADE AND WALL HAS REACHED ITS 28 DAY STRENGTH.
- MASONRY WALLS AND ALL CONNECTIONS SHALL BE CONSTRUCTED IN A CONDITIONED SPACE.



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MARK	DATE	DESCRIPTION

PROJECT NAME
SHELBY COUNTY PLAYERS

1416 MILLER AVE.
SHELBYVILLE IN 46176

SHEET TITLE

GENERAL NOTES

SHEET NUMBER

S-102

FOUNDATION NOTES

I) GENERAL NOTES

- 1) CONTRACTOR TO COORDINATE ALL DIMENSIONS AND ELEVATIONS W/ ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS.
- 2) ALL EXISTING STRUCTURAL INFORMATION WAS EXTRACTED FROM THE EXISTING DRAWINGS PREPARED BY PACE ENGINEERING, INC., SHELBYVILLE, INDIANA AND DATED JUNE 16, 1994. CONTRACTOR IS TO FIELD VERIFY ALL MEMBERS AND BEARING CONDITIONS IN ALL AREAS OF REMODELING/NEW CONSTRUCTION. REPORT ANY DISCREPANCIES OR DISCOVERED CONDITIONS TO THE STRUCTURAL ENGINEER IMMEDIATELY.
- 3) FOOTINGS, PIERS AND ANCHOR BOLTS DEPICTED ON S-111 ARE BASED ON THE COLUMN BASE PLATE REACTIONS AS PREPARED BY AMERICAN BUILDINGS AND DATED 5/10/2022. CONTRACTOR TO CONFIRM ALL FINAL INFORMATION PRIOR TO CONSTRUCTION (TYP.).
- 4) FOOTING SIZES ARE BASED UPON A SAFE ALLOWABLE SOIL BEARING PRESSURE OF 2,500 POUNDS PER SQUARE FOOT AT DESIGN ELEVATION. ALL FOOTINGS TO BEAR ON UNDISTURBED SOILS OR ENGINEERED FILL CAPABLE OF SUPPORTING THE STATED SAFE ALLOWABLE SOIL BEARING PRESSURE. FOOTING EXCAVATIONS TO BE TESTED BY AN APPROVED INDEPENDENT GEOTECHNICAL TESTING SERVICE HIRED BY THE OWNER TO VERIFY THE ALLOWABLE BEARING PRESSURE (TYP.).

II) SYMBOLS AND ABBREVIATIONS

- 1) SLAB S1 DENOTES 5" CONCRETE SLAB REINFORCED W/ 6x6-W2.1xW2.1 FLAT SHEET W.W.R. (PLACED AT CENTER SLAB) ON 6" COMPACTED GRANULAR FILL OVER 15 MIL. VAPOR BARRIER. T/ SLAB EL. SEE PLAN AND ARCH. DWGS (SLOPE TO DRAINS). 100'-0"=---'-", COORDINATE DRAIN LOCATIONS W/M E.P. DWGS (TYP.).
- 2) SLAB S2 DENOTES 5" CONCRETE EXTERIOR SLAB REINFORCED W/ 6x6-W2.1xW2.1 FLAT SHEET W.W.R. (PLACED AT CENTER SLAB) ON 6" COMPACTED GRANULAR FILL. T/ SLAB EL. SEE ARCH. AND CIVIL DWGS.
- 3) F7.5 DENOTES REINFORCED CONCRETE FOOTING. SEE FOOTING SCHEDULE ON THIS SHEET.
- 4) C.J. DENOTES SLAB CONTROL/CONSTRUCTION JOINT. SEE TYPICAL DETAILS 1/S-201. MAXIMUM DISTANCE BETWEEN JOINTS IN ANY DIRECTION 15'-0".

- 5) F.D. DENOTES FLOOR DRAIN OR FLOOR CLEANOUT. COORDINATE LOCATIONS AND REQUIRED SLOPE TO DRAINS WITH ARCH. & M.E.P. DRAWINGS. FLOOR SLAB TO BE PITCHED WITHOUT REDUCING THE THICKNESS OF SLAB.
- 6)  DENOTES BASE PLATE OR PIER DETAIL. SEE DETAILS ON SHEET S-204.
- 7) (100'-3") DENOTES TOP OF FOOTING ELEVATION. STEP FOOTING PER -JS-201 AS REQUIRED TO ACHIEVE A BOTTOM OF FOOTING THAT IS A MINIMUM OF 2'-6" BELOW FINISHED GRADE AT ALL LOCATIONS (TYP.). BEARING PRESSURE AT ALL FOOTINGS TO BE TESTED BY AN INDEPENDENT GEOTECHNICAL TESTING AGENCY TO CONFIRM A MINIMUM OF 2,500 PSF BEARING (TYP.).
- 8) {97'-0"} DENOTES ANTICIPATED BOTTOM OF EXISTING FOOTING ELEVATION. VERIFY IN THE FIELD. STEP NEW FOOTING PER -JS-201AS REQUIRED TO ALIGN BOTTOM OF NEW FOOTING WITH BOTTOM OF EXISTING FOOTING WHERE APPLICABLE. DO NOT UNDERMINE EXISTING FOOTINGS (TYP.).
- 9) NOTE A1/S-103: REMOVE AND LEGALLY DISPOSE OF PORTION OF EXITING ABANDONED FOUNDATION WALL AND FOOTING AS REQUIRED FOR NEW CONSTRUCTION. DO NOT UNDERMINE PORTIONS OF EXISTING FOUNDATION WALLS AND FOOTINGS TO REMAIN. PROVIDE TEMPORARY SHORING/BRACING OF EXISTING STRUCTURE AS REQUIRED FOR NEW CONSTRUCTION (TYP.).
- 10) NOTE A2/S-103: CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS WITH PEMB MANUFACTURER PRIOR TO CONSTRUCTION (TYP.)
- 11) NOTE A3/S-103: CONTRACTOR TO PROVIDE TEMPORARY BRACING SHORING OF THE EXISTING FRAMING AND FOUNDATION AS REQUIRED FOR NEW FOOTING CONSTRUCTION. CONFIRM EXISTING FOOTING SIZE AND DEPTH. NEW CONCRETE MUST EXTEND BELOW EXISTING FOOTING AS REQUIRED TO MATCH BOTTOM OF NEW FOOTING. DO NOT UNDERMINE EXISTING FOOTINGS (TYP.). ALIGN NEW FOOTING WITH EDGE OF EXISTING SPREAD FOOTING. INCREASE FOOTING SIZE AS REQUIRED TO ACHIEVE MINIMUM DIMENSION(S) NOTED ON PLAN.
- 12) NOTE A4/S-103: CONTRACTOR TO PROVIDE TEMPORARY BRACING SHORING OF THE EXISTING FRAMING AND FOUNDATION AS REQUIRED FOR NEW FOOTING CONSTRUCTION. INCREASE FOOTING THICKNESS AS REQUIRED TO ALIGN BOTTOM OF NEW FOOTING WITH BOTTOM OF EXISTING ADJACENT FOOTINGS TO REMAIN (TYP.).
- 13) NOTE A5/S-103: PIER AND FOOTING PER EXTERIOR STAIR FABRICATOR. REFER TO NOTE B1/S-103 AND S-101 FOR REQUIREMENTS. FOOTING TO EXTEND A MINIMUM OF 1'-0" TO EACH SIDE OF PIER (TYP.).

III) SCHEDULES

FOOTING SCHEDULE				
MARK	SIZE LxWxD*	BOTTOM REINFORCING	TOP REINFORCING	NOTES
F3.0	3'-0"x3'-0"x2'-4" VIF	(4) #6 EW		NOTE A3/S-103 AND NOTE A4/S-103
F5.0	5'-0"x5'-0"x2'-4" VIF	(5) #6 EW		NOTE A3/S-103 AND NOTE A4/S-103
F5.5	5'-6"x5'-6"x1'-4"	(6) #6 EW		
F9.5	9'-6"x9'-6"x1'-10"	(9) #6 EW		
F11.5	11'-6"x11'-6"x2'-4"	(11) #8 EW	(11) #8 EW	
F12.5	12'-6"x12'-6"x2'-4"	(13) #8 EW	(13) #8 EW	EXTEND LIMITS AS REQUIRED TO CAPTURE EXTERIOR STAIR FOOTING. COORDINATE W/METAL STAIR FABRICATOR (TYP.)
F14.0	14'-0"x14'-0"x2'-6"	(15) #9 EW	(12) #8 EW	NOTE A3/S-103
F18.0	18'-0"x18'-0"x2'-6"	(17) #9 EW	(15) #9 EW	VERIFY T/FTG W/ ELEVATOR MFR
F9060	9'-0"x6'-0"x1'-6"	(9) #6 EW	(9) #6 EW	NOTE A3/S-103
F1816	18'-0"x16'-0"x2'-6"	(17) #9 EW	(15) #9 EW	NOTE A3/S-103

- NOTES:
- CENTER FOOTING ON PEMB COLUMN UNLESS NOTED OTHERWISE ON PLAN OR PEIR/SETTING DETAIL.
 - FOOTING SIZES BASED ON ALLOWABLE SOIL BEARING PRESSURE OF 2,500 PSF. INDEPENDENT TESTING COMPANY TO CONFIRM MINIMUM SOIL BEARING PRESSURE IS AVAILABLE AT EACH LOCATION. PROVIDE GEOTECHNICAL REPORT OF CONFORMANCE (TYP.).
 - EW INDICATES EACH WAY, LW INDICATES LONG WAY, SW INDICATES SHORT WAY.
 - ALL COLUMNS REQUIRE A FOOTING. IF A FOOTING SIZE HAS NOT BEEN SPECIFICALLY CALLED OUT ON PLAN, PROVIDE FOOTING F5.5.
 - VERTICAL BARS NOTED IN PIER DETAILS ARE BENT INTO FOOTING (TYP. @ ALL PIERS).
 - * INDICATES MINIMUM THICKNESS. VERIFY FOOTING DEPTH IN THE FIELD AND INCREASE THICKNESS AS REQUIRED TO MATCH BOTTOM OF EXISTING ADJACENT FOOTING (TYP.).

FRAMING NOTES

I) GENERAL NOTES

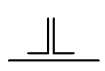
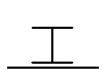
- 1) CONTRACTOR TO COORDINATE ALL DIMENSIONS AND ELEVATIONS W/ ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS.
- 2) PROVIDE EQUAL SPACING BETWEEN MEMBERS U.N.O. ON PLAN.

II) SYMBOLS AND ABBREVIATIONS

- 1) DECK D1 INDICATES 3 1/2" NORMAL WEIGHT CONCRETE SLAB ON 2"-20 GA. VLI GALVANIZED COMPOSITE METAL DECK OR AN APPROVED EQUAL (5 1/2" TOTAL THICKNESS). PROVIDE (3)- SPAN MINIMUM SUPPORT. METAL DECK TO BE ATTACHED TO ALL SUPPORTING MEMBERS W/ 5/8"x2 PUDDLE WELDS @ 12" O.C. & #10 HEX HEAD SIDELAP SCREWS @ 36" O.C. MAX. REINFORCE CONCRETE SLAB W/ 6x6-W2.1xW2.1 W.W.F. (T/ SLAB EL. SEE PLAN AND VERIFY W/ARCH. DWGS AND EXISTING CONDITIONS).
- 2) DECK D2 INDICATES 1 1/2" LIGHT WEIGHT CONCRETE SLAB ON 0.6c26 CVS NON-COMPOSITE METAL DECK OR AN APPROVED EQUAL (2" TOTAL THICKNESS). PROVIDE (3)- SPAN MINIMUM SUPPORT. METAL DECK TO BE ATTACHED TO ALL SUPPORTING MEMBERS W/ 5/8"x2 PUDDLE WELDS @ 12" O.C. & #10 HEX HEAD SIDELAP SCREWS @ 36" O.C. MAX. REINFORCE CONCRETE SLAB W/ 6x6-W2.1xW2.1 W.W.F. (T/ SLAB EL. SEE PLAN AND VERIFY W/ARCH. DWGS AND EXISTING CONDITIONS).
- 3) (36) DENOTES THE NUMBER OF ASTM A108 3/4"x3 x 3 1/2" LONG (AFTER WELDING) WELDED HEADED SHEAR STUDS ON TOP FLANGE OF BEAM. SPACE EQUALLY BETWEEN ENDS OF BEAM.
- 4) L1 (L#) DENOTES LINTEL. SEE SCHEDULE THIS SHEET. LINTELS ARE REQUIRED AT ALL MASONRY OPENINGS INCLUDING BUT NOT LIMITED TO ARCHITECTURAL AND M.E.P. OPENINGS. COORDINATE REQUIREMENTS WITH A FULL SET OF CONSTRUCTION DRAWINGS. PROVIDE LINTEL L2 WITH APPROPRIATE PLATE SIZE AT ALL LOCATIONS NOT SPECIFICALLY IDENTIFIED ON PLAN.
- 5) BP1 (BP#) DENOTES BEARING PLATE. SEE SCHEDULE THIS SHEET. USE BP2 AT ALL BEAM/LINTEL BEARING U.N.O. ON PLAN OR SECTIONS.
- 6) C1 (C#) DENOTES COLUMN. SEE SCHEDULE THIS SHEET.
- 7) J1 (J#) DENOTES 10" LIGHT GAGE JOISTS BY LIGHT GAGE FABRICATOR. DESIGN ALL JOISTS/STUD WALLS/ AND CONNECTIONS FOR THE FOLLOWING SERVICE LOADS. PROVIDE CALCULATIONS SIGNED AND SEALED BY THE LICENSED INDIANA STRUCTURAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION. PROVIDE MINIMUM 16 GA. THICKNESS.
- DEAD LOAD 38 PSF
LIVE LOAD 125 PSF
LATERAL 5 PSF INTERNAL PRESSURE OR AS GENERATED BY EQ LOADS FROM DL
- 8) B1 (B#) DENOTES LIGHT GAGE BEAM BY LIGHT GAGE FABRICATOR. DESIGN ALL BEAMS/STUD WALLS/ AND CONNECTIONS TO ACCOMMODATE TOTAL LOADS IMPOSED BY JOISTS AND CONCRETE FILLED METAL STAIR AS APPLICABLE. COORDINATE HEAD HEIGHT LIMITATIONS WITH ARCHITECTURAL DRAWINGS. PROVIDE STUDS AND KIND STUDS/LATERAL BRACING AS REQUIRED. SUBMIT CALCULATIONS SIGNED AND SEALED BY THE LICENSED INDIANA STRUCTURAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION (TYP.). CONTRACTOR TO COORDINATE REACTIONS FROM CONCRETE FILLED METAL STAIR WITH LIGHT-GAGE STUD FABRICATOR PRIOR TO SHOP DRAWING SUBMITTAL.
- 8) H1 (H#) DENOTES LIGHT GAGE BEAM BY LIGHT GAGE FABRICATOR. DESIGN ALL BEAMS/STUD WALLS/ AND CONNECTIONS TO ACCOMMODATE TOTAL LOADS IMPOSED BY JOISTS. COORDINATE HEAD HEIGHT LIMITATIONS WITH ARCHITECTURAL DRAWINGS. PROVIDE STUDS AND KIND STUDS/LATERAL BRACING AS REQUIRED. SUBMIT CALCULATIONS SIGNED AND SEALED BY THE LICENSED INDIANA STRUCTURAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION (TYP.).

- 9) E.C. DENOTES EXISTING PRE-ENGINEERED BUILDING COLUMN. CONTRACTOR TO VERIFY IN THE FIELD (TYP.)
- 10) A1 DENOTES L6x4x5/16 (LLV). REFER TO 3/S-301 SIM. FOR INSTALLATION REQUIREMENTS. STEEL FABRICATOR TO PROVIDE CONNECTION TO SUPPORT BEAMS, ANGLES AND COLUMNS FOR A SERVICE LOAD REACTION OF 6 KIPS (TYP.).
- 11) DENOTES TYPE 2 MOMENT CONNECTION (TYP.). STEEL FABRICATOR'S LICENSED ILLINOIS S.E. TO DESIGN FOR FULL MOMENT CAPACITY OF MEMBER (TYP.). WHERE HIGH AND LOW BEAM EXIST THE MOMENT CONNECTION PERTAINS TO BOTH BEAMS. TOP PLATE TO BE WELDED AND AVOID INTERFERENCE WITH JOIST BEARING TYP.
- 12) [V= ±25 KIPS] DENOTES ULTIMATE WIND SHEAR FORCE TO BE TRANSFERED PERPENDICULAR TO FACE OF NEW PRE-ENGINEERED METAL BUILDING (PEMB) AT EXISTING PEB ROOF LEVEL. PEMB FABRICATOR TO DESIGN NEW BUILDING TO INCORPORATE STATED LOADING. REFER TO 2/S-302 (TYP.).
- 13) NOTE B1/S-103: CONCRETE FILLED METAL STAIR OR EXTERIOR STAIR. SEE ARCHITECTURAL DRAWINGS FOR REQUIREMENTS, ELEVATIONS AND DIMENSIONS. ALL ASSOCIATED ENGINEERING & DETAILING FOR ALL MEMBER SIZES, CONNECTIONS, LATERAL STABILITY, ASSOCIATED CONNECTIONS, HANDRAILS, GUARDRAILS, FOOTINGS AT EXTERIOR STAIRS, ETC., IS TO BE PROVIDED BY STAIR FABRICATOR. PROVIDE CALCULATIONS, SIGNED AND SEALED BY THE INDIANA LICENSED STRUCTURAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION, AT THE TIME OF SHOP DRAWING SUBMITTAL. USE MOMENT CONNECTIONS IN LIEU OF CROSS-BRACING AS REQUIRED TO NOT OBSTRUCT EXIT PATHWAYS (TYP.). CONTRACTOR TO COORDINATE FOUNDATION REQUIREMENTS WITH CONCRETE CONTRACTOR AT EXTERIOR FOOTINGS AND PROVIDE THICKEN SLAB FOR WIDTH OF STAIR AT BASE OF STRINGERS/POSTS PER SECTION 10/S-201 AT INTERIOR SUPPORT (UNLESS REQUIRED OTHERWISE BY STAIR FABRICATOR). DROP FOOTING FOR FROST AND AS REQUIRED TO NOT SURCHARGE ADJACENT FOUNDATIONS WHERE APPLICABLE. EXTERIOR STAIRS ARE TO BE INDEPENDENT OF THE PEMB FRAMING. INTERIOR STAIRS SHALL FRAME INTO THE APPLICABLE MEZZANINE FRAMING. REFER TO S-101 FOR LOADING REQUIREMENTS.
- 14) NOTE B2/S-103: SLAB AND COLUMNS TO BE ISOLATED FROM PEMB STRUCTURE. PROVIDE A1 INFILL ANGLE FRAMES WELDED TO NON-PEMB SUPPORT MEMBERS AT DECK SUPPORT AND CONT. POUR STOPPOUR STOP CLOSURES AS REQUIRED TO LEAVE 1" GAP BETWEEN ALL COMPONENTS OF THE PEMB FRAMING/ELEVATOR SHAFT WALLS. SEE ARCHITECTURAL DRAWINGS FOR SOUNDPROOFING INFILL AND ADDITIONAL REQUIREMENTS.
- 15) NOTE B3/S-103: PROVIDE ISOLATION JOINT AROUND COLUMNS THAT FRAME ORCHESTRA LEVEL (TYP.). REFER TO ARCHITECTURAL DRAWINGS. SPACE JOISTS/ADD SUPPLEMENTAL LIGHT-GAGE TRANSFER HEADERS AS REQUIRED TO PROVIDE CONTINUOUS DECK D2 SUPPORT AND ISOLATE COLUMNS (TYP.)
- 16) NOTE B4/S-103: CONTRACTOR TO COORDINATE LIGHT-GAGE BEARING WALL AND ASSOCIATED FOOTING LOCATIONS WITH ARCHITECTURAL DRAWINGS AND PEMB BUILDING CONSTRAINTS (TYP.). SPACE LIGHT GAGE JOISTS/STUDS TO AVOID INTERACTION (KNIFE THROUGH OPENINGS) WITH CROSS BRACING AND MAINTAIN MAXIMUM SPACING NOTED. PROVIDE SUPPLEMENTAL LIGHT-GAGE TRANSFER HEADERS AS REQUIRED TO FULLY SUPPORT DECK D2 AT ALL PENETRATIONS AND CONDITIONS.
- 17) NOTE B5/S-103: CONTRACTOR TO COORDINATE HOIST BEAM PLACEMENT (LOCATION AND DISTANCE FROM BOTTOM OF DECK) WITH SPECIFIC EQUIPMENT MANUFACTURER'S REQUIREMENTS. CONFIRM BEAM WIDTH MEETS OR EXCEEDS REQUIREMENTS OF ELEVATOR MANUFACTURER (TYP.).
- 18) NOTE B6/S-103: CONTRACTOR TO PROVIDE BRACING/SHORING OF THE EXISTING STRUCTURE AS REQUIRED FOR NEW CONSTRUCTION AND AS NECESSARY TO ADDRESS ALL TEMPORARY CONDITIONS INCLUDING, BUT NOT LIMITED TO, LATERAL STABILITY OF THE EXISTING PEB STRUCTURE UNTIL ALL FINAL CONNECTIONS TO NEW PEMB AND CONSTRUCTION IS FULLY COMPLETE (TYP.).
- 19) NOTE B7/S-103: REINFORCE EXISTING PRE-ENGINEERED BUILDING FRAME BEAM PER SECTION 7/S-301 FOR LIMITS DEPICTED ON THE PLAN (TYP.).
- 20) NOTE B8/S-103: REINFORCE EXISTING PRE-ENGINEERED BUILDING COLUMN FULL HEIGHT PER SECTION 7/S-301 SIMILAR.

III) SCHEDULES

LINTEL SCHEDULE			
MARK	MEMBER SIZE	SHAPE	REMARKS
L1	(2)-L6x3 1/2x5/16 (LLV)		PROVIDE 6" BEARING EACH END PROVIDE STITCH WELD BTWN ANGLES
L2	W12x14 W/ 5/16"x0'-7 1/2" PLATE		PROVIDE BP2 EACH END

- NOTES:
- REFER TO SECTION 1 AND 2/S-301 FOR ADDITIONAL REQUIREMENTS.
 - PROVIDE WELDED ADJUSTABLE MASONRY VENEER ANCHORS AT 24" O.C. AT ALL LINTELS 12" AND LARGER.
 - BEAM TO BE CENTERED ON MASONRY CONSTRUCTION UNLESS NOTED OTHERWISE IN PLAN OR SECTION.
 - COORDINATE ALL OPENING LOCATIONS, ELEVATIONS AND DIMENSIONS WITH ARCHITECTURAL AND M.E.P. DRAWINGS (TYP.). ALL OPENINGS THROUGH NEW AND EXISTING MASONRY WALLS REQUIRE LINTELS. PROVIDE LINTEL L2 WITH THE APPROPRIATE PLATE IF NOT INDICATED ON PLAN.
 - CONFIRM ALL PLATE WIDTHS NOTED IN SCHEDULE WITH ARCH. DWGS AND EXISTING CONDITIONS. WIDTH TO EQUAL WALL WIDTH MINUS 1/2" TYPICAL.

BEARING PLATE SCHEDULE		
MARK	SIZE txLxW	NOTES
BP1	3/8"x7 1/2"x7 1/2"	GROUT WALL SOLID 2 COURSES DEEP x 2'-0" WIDE
BP2	1/2"x7 1/2"x7 1/2"	GROUT WALL SOLID 3 COURSES DEEP x 2'-0" WIDE
BP3	1/2"x7 1/2"x11 1/2"	GROUT WALL SOLID 4 COURSES DEEP x 2'-8" WIDE

- NOTES:
- PROVIDE (2)-3/8"x2x4" LONG WELDED HEADED STUDS AT EACH BEARING PLATES BP1 AND BP2 AND (3)-3/8"x2x4" LONG WELDED HEADED STUDS AT BP3. WELDED HEADED STUDS TO BE PLACED ON ONE SIDE OF MASONRY CONTROL JOINT WHERE PLATE LANDS ON MASONRY CONTROL JOINT.
 - PLACE LONG SIDE OF PLATE PARALLEL TO WALL EXCEPT WHERE BEAMS OR LINTELS ARE PERPENDICULAR TO WALL.
 - BEARING PLATE TO BE CENTERED ON BEAM/LINTEL.
 - PROVIDE 3/16" X 3" LG FIELD FILLET WELD MIN. EACH SIDE OF BEAM/LINTEL TO BEARING PLATE (TYP. U.N.O.). WELDS TO BE CONDUCTED IN A CONDITIONED SPACE.
 - MASON TO CUT BLOCK AS REQUIRED TO CONCEAL PLATE THICKNESS IN MASONRY CONSTRUCTION TYPICAL.

COLUMN SCHEDULE		
MARK	MEMBER SIZE	REMARKS
C1	HSS8x8x1/2	
C2	HSS10x10x5/8	

- NOTES:
- PROVIDE 3/4" CAP PLATE TYPICAL UNLESS OTHERWISE NEEDED AT MOMENT CONNECTIONS.
 - PROVIDE 3/4" BASE PLATE AND (4)-3/4"x2x1'-10" LONG +4" HOOK "J" BOLTS U.N.O.



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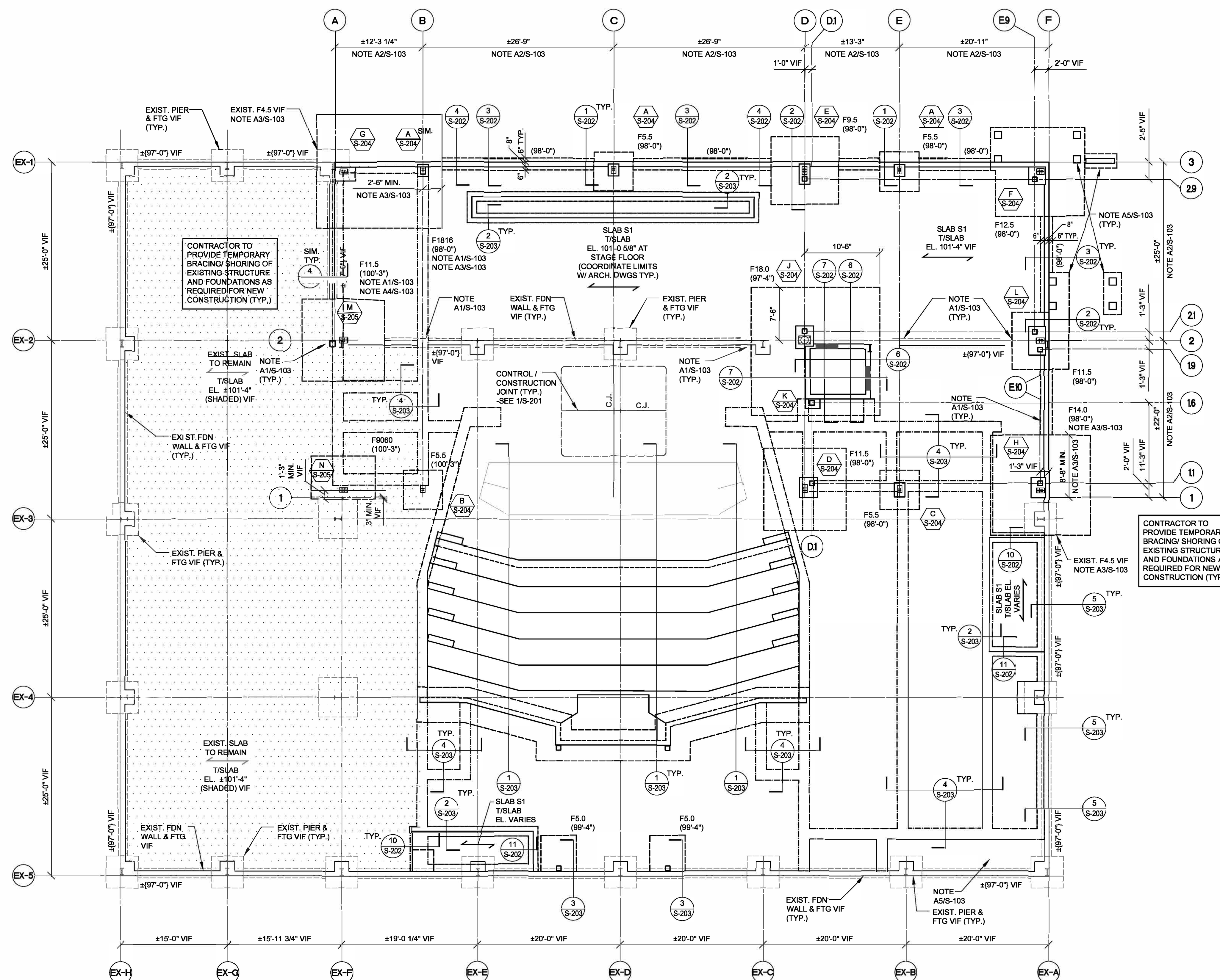
PROJECT NAME
SHELBY COUNTY PLAYERS

1416 MILLER AVE.
SHELBYVILLE IN 46176

SHEET TITLE
PLAN NOTES, SYMBOLS AND ABBREVIATIONS + SCHEDULES
SHEET NUMBER

S-103

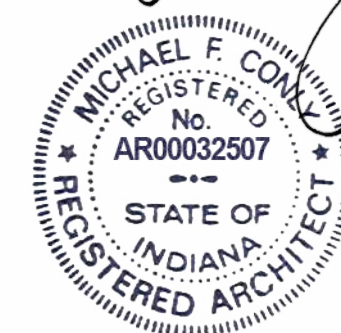
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SHELBY COUNTY PLAYERS

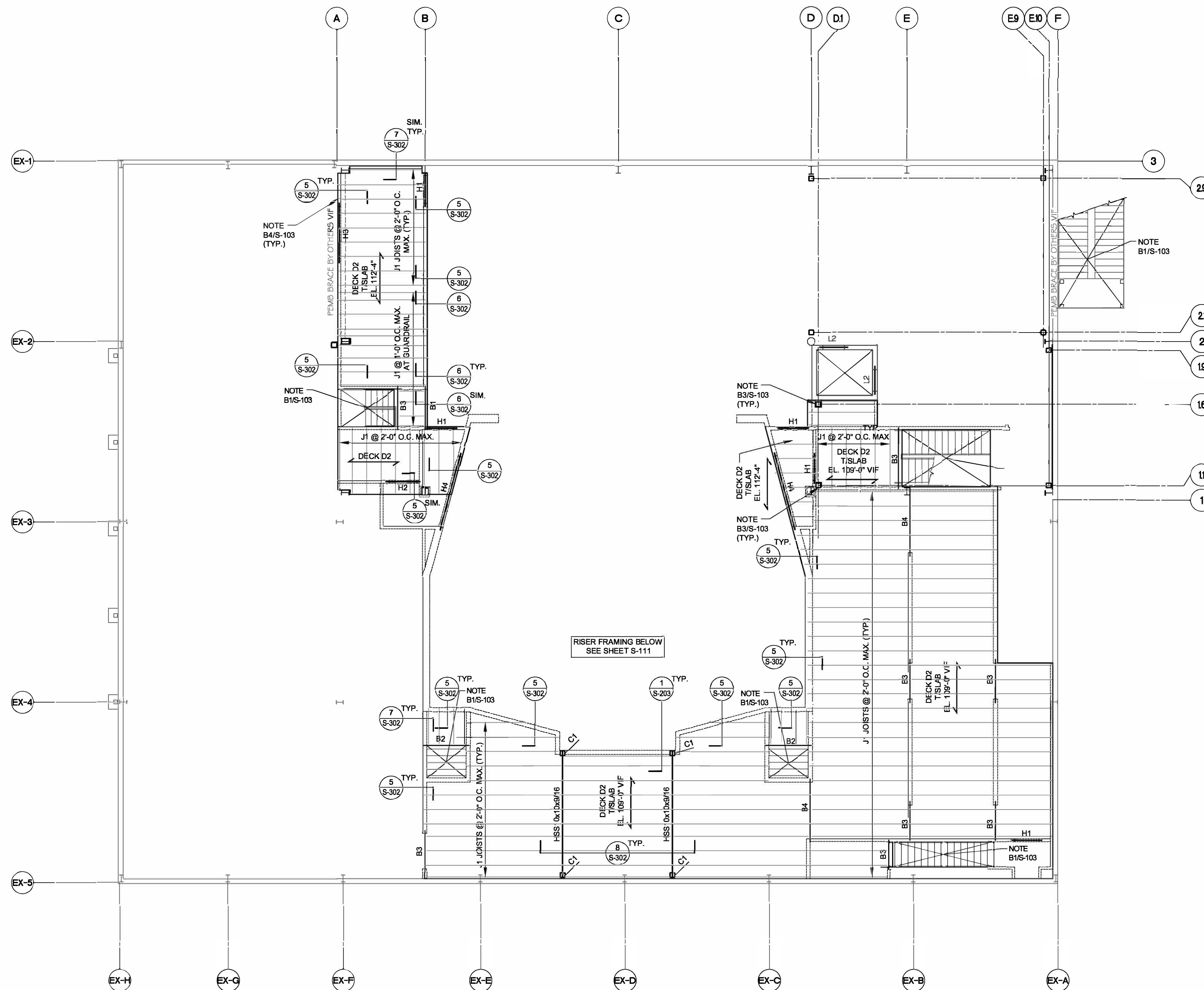
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SHEET TITLE

EQUIPMENT LEVEL FRAMING PLAN

SHEET NUMBER

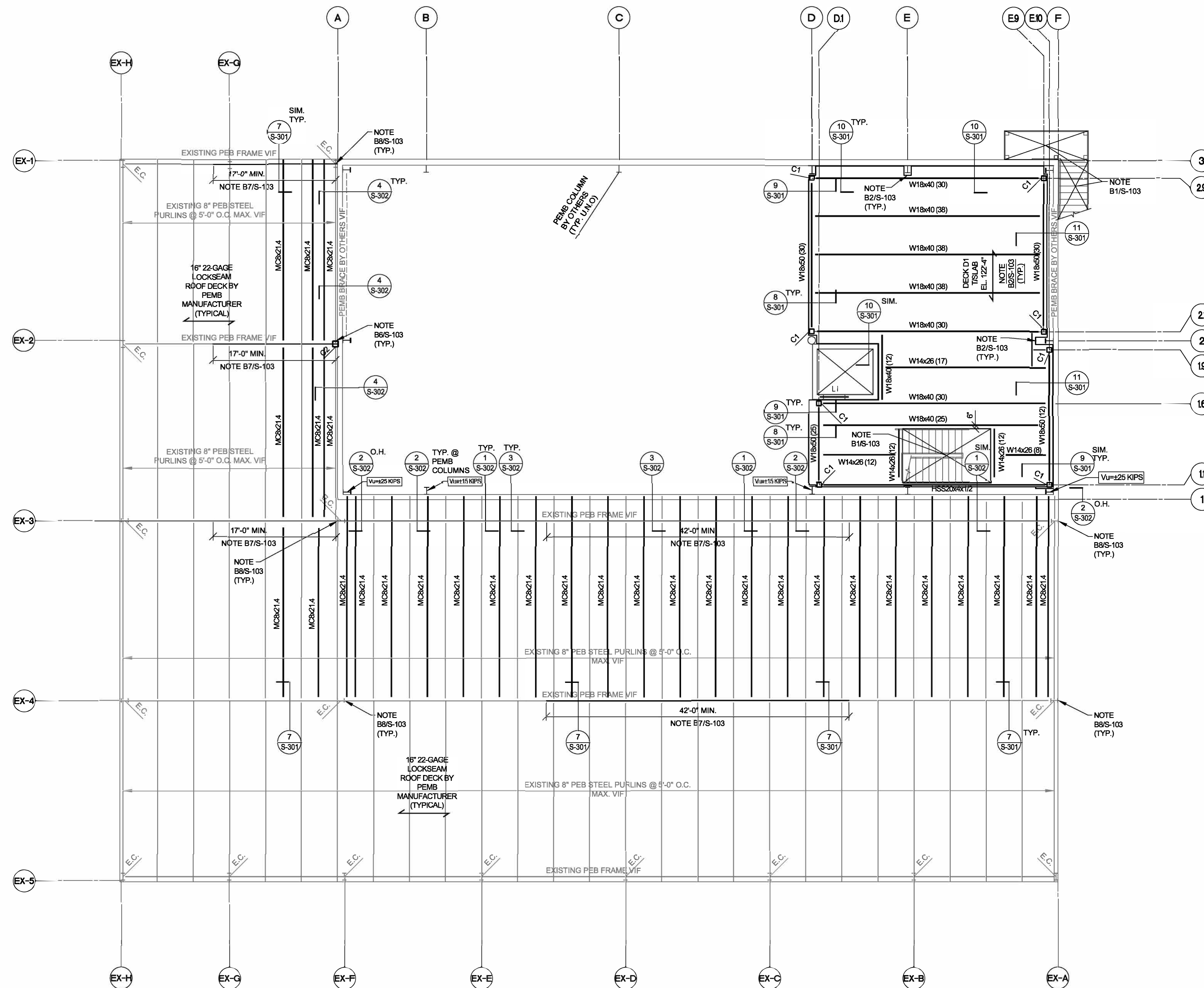
S-112



SEE SHEETS S-101, S-102 AND S-103 FOR
GENERAL NOTES, PLAN NOTES, SYMBOLS
AND ABBREVIATIONS + SCHEDULES

EQUIPMENT LEVEL FRAMING PLAN
SCALE: 1/8"=1'-0"



[illegible]

SEE SHEETS S-101, S-102 AND S-103 FOR
GENERAL NOTES, PLAN NOTES, SYMBOLS
AND ABBREVIATIONS + SCHEDULES

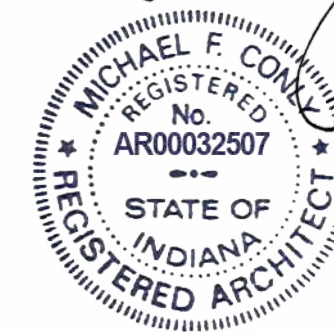
ORCHESTRA LEVEL FRAMING PLAN
SCALE: 1/8"=1'-0"



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DRAWING BY: MAS
CHECKED BY: AMD

REVISIONS		
MARK	DATE	DESCRIPTION

PROJECT NAME
SHELBY COUNTY
PLAYERS

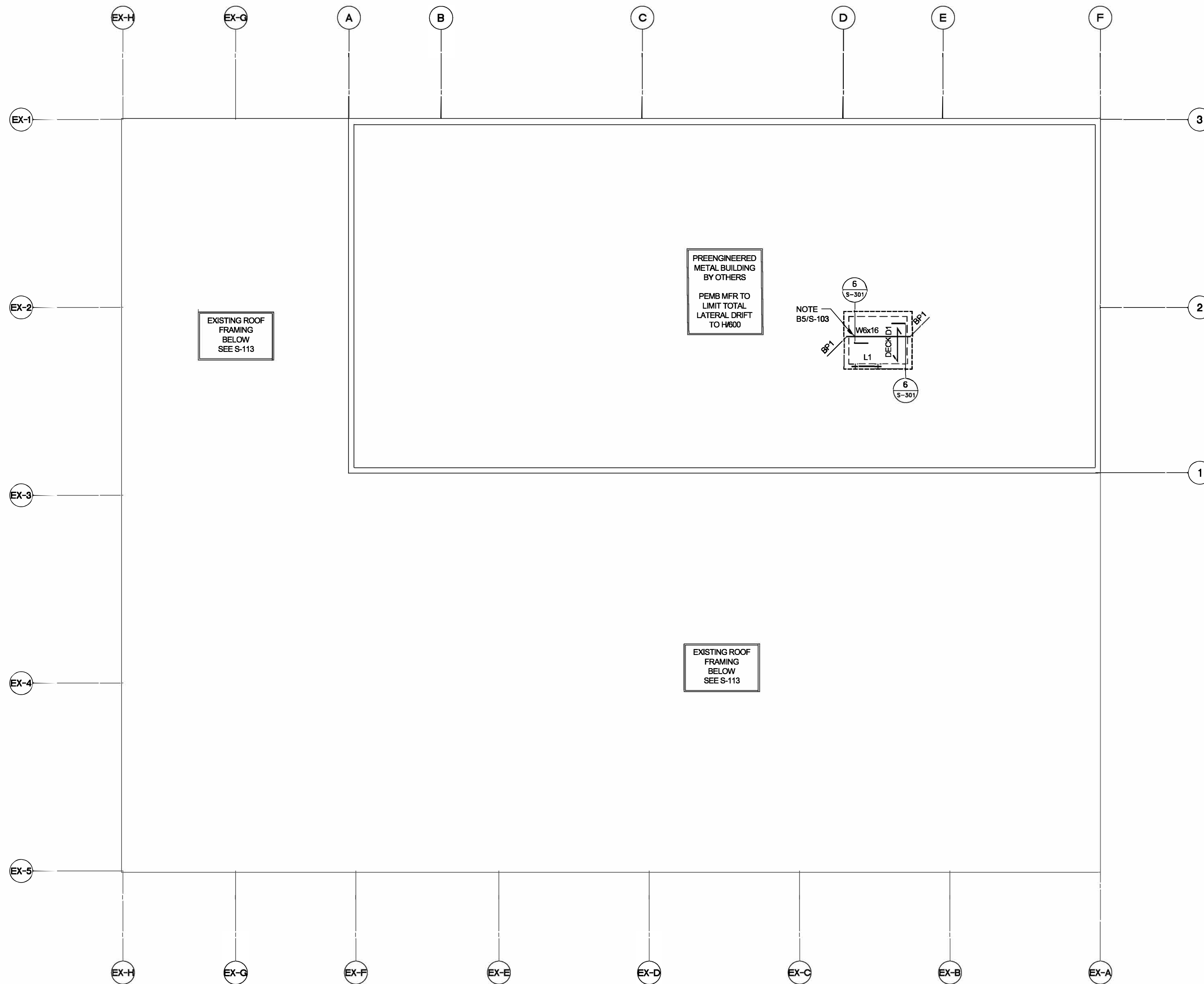
1416 MILLER AVE.
SHELBYVILLE IN 46176

SHEET TITLE

ROOF
FRAMING PLAN

SHEET NUMBER

S-114

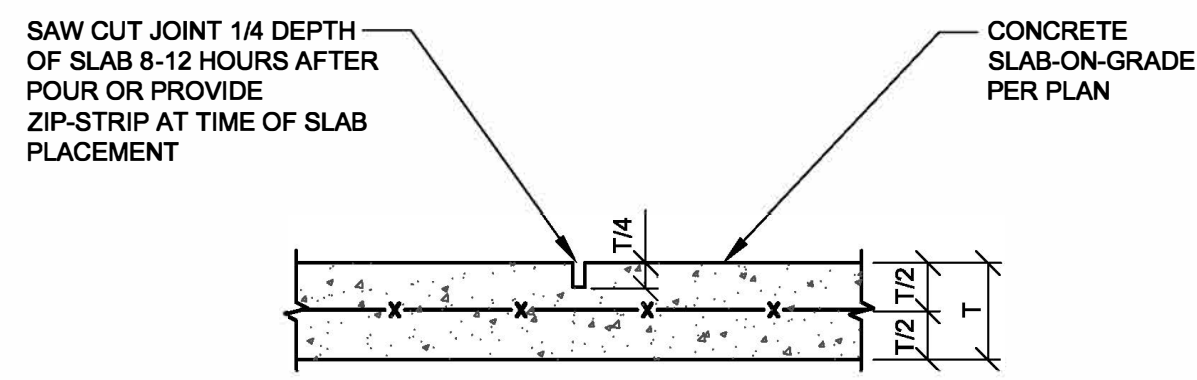


SEE SHEETS S-101, S-102 AND S-103 FOR
GENERAL NOTES, PLAN NOTES, SYMBOLS
AND ABBREVIATIONS + SCHEDULES

ROOF FRAMING PLAN
SCALE 1/8"=1'-0"

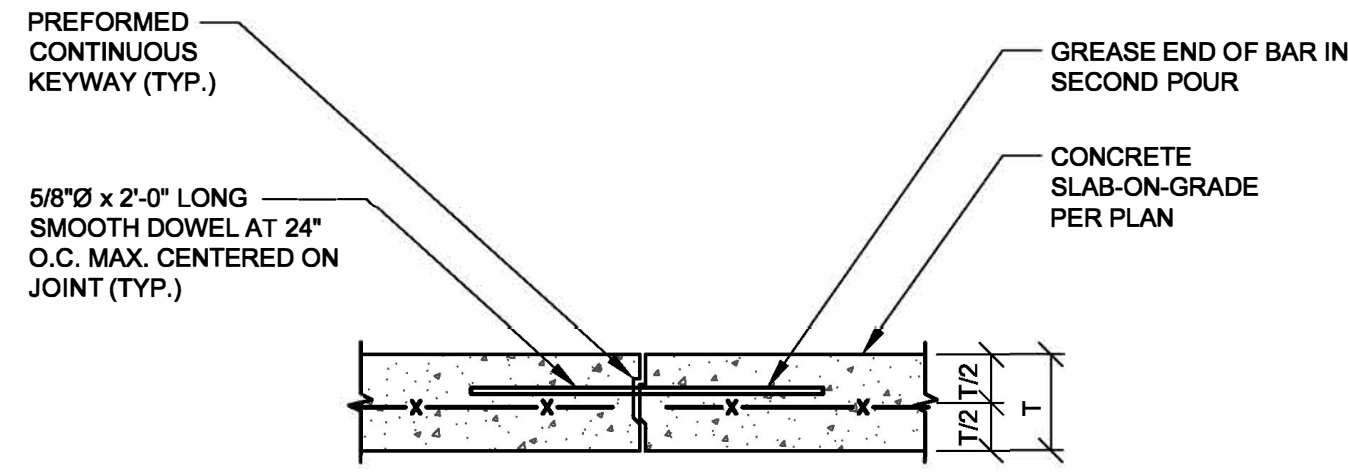


CONTROL JOINTS



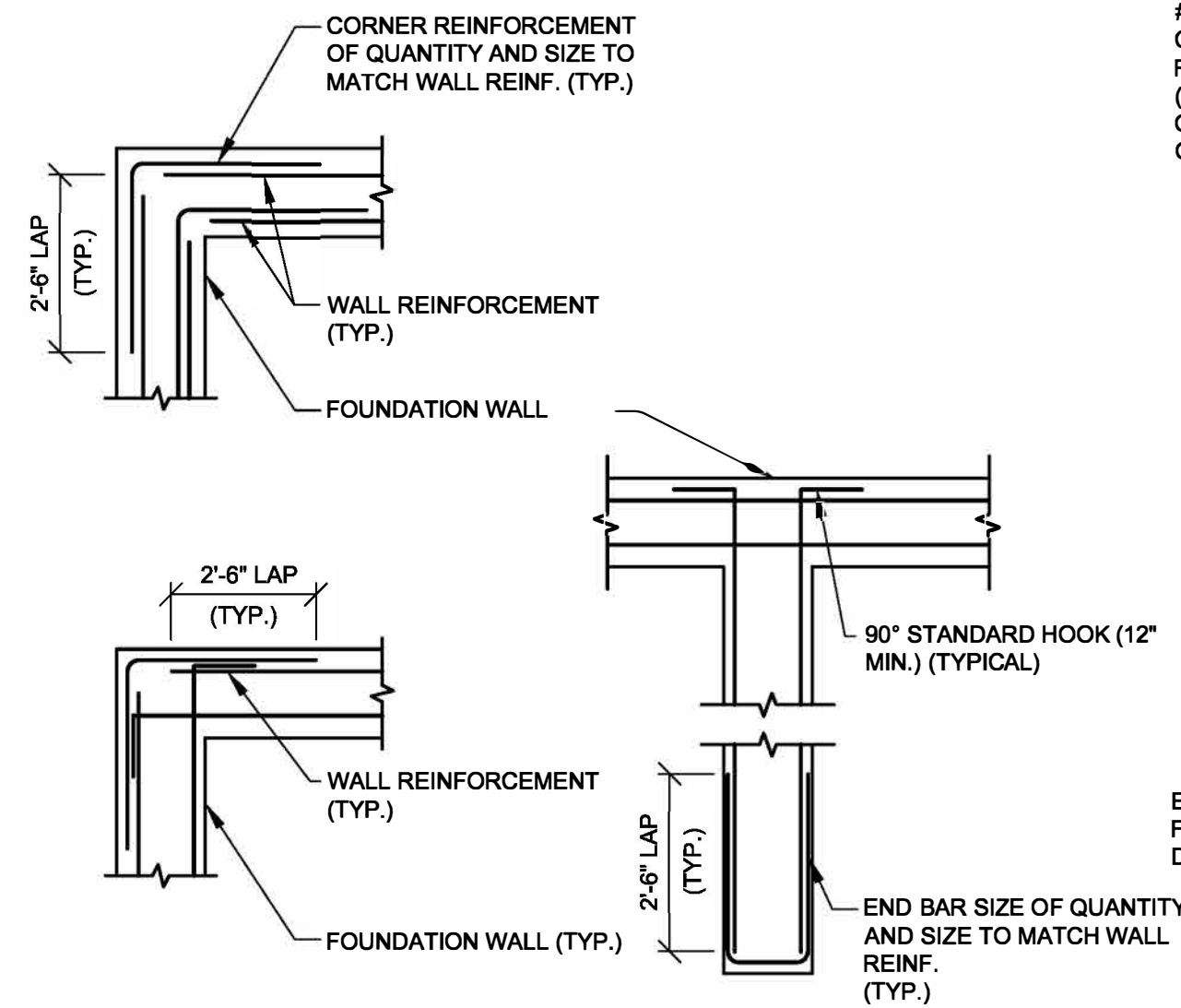
- T= THICKNESS OF SLAB PER PLAN
- PROVIDE CONTROL JOINTS @ 15'-0" O.C. MAXIMUM.
- PROVIDE WELDED WIRE REINFORCEMENT (WWR) IN FLAT SHEETS ONLY.
- PROVIDE CHAIRS AS REQUIRED TO PROPERLY ELEVATE WWR TO CENTER OF SLAB. DO NOT "PULL UP" WWR TO PLACE DURING POUR.
- SEE ARCHITECTURAL DRAWINGS FOR T/SLAB ELEVATION(S) AND JOINT FILLER REQUIREMENTS (TYP.).

CONSTRUCTION JOINTS

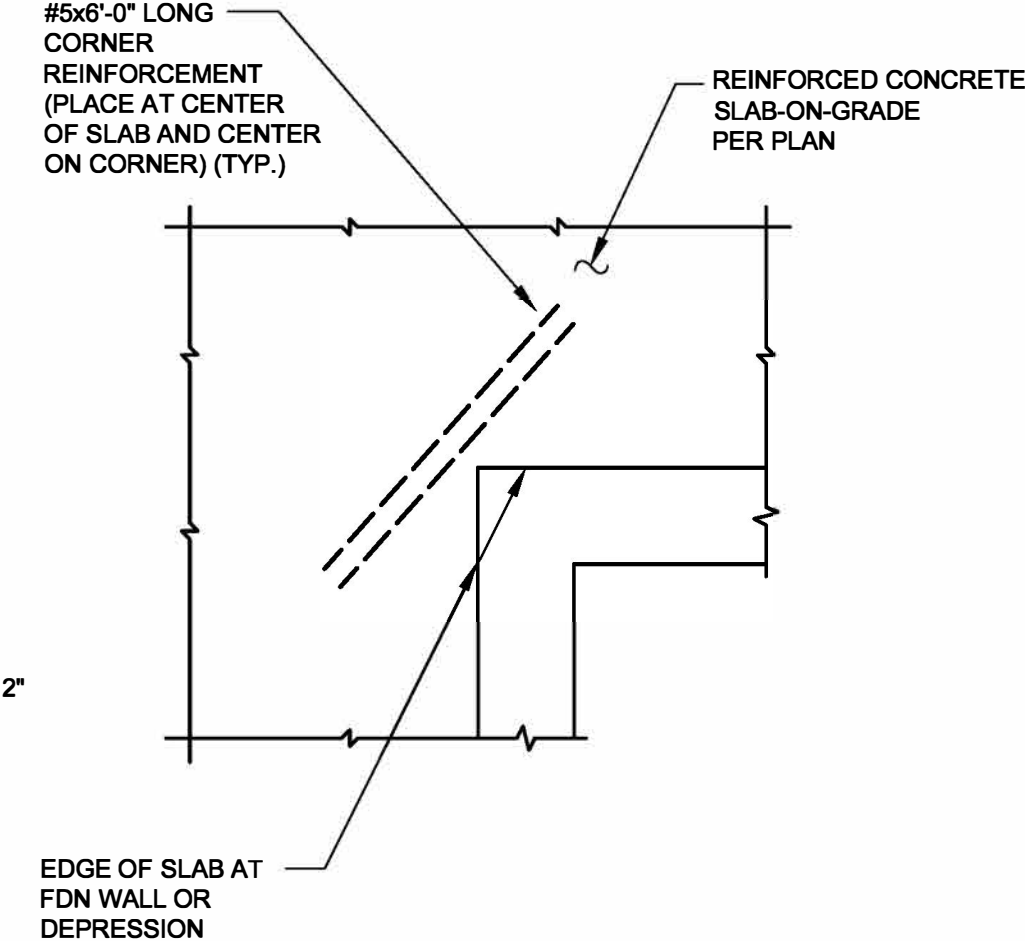


- T= THICKNESS OF SLAB PER PLAN
- UTILIZE FORMED KEYED CONSTRUCTION JOINTS ON COLUMN CENTERLINES.
- PLACE SECOND POUR 24 HOURS AFTER FIRST FLOOR.
- SEE ARCHITECTURAL DRAWINGS FOR T/SLAB ELEVATION (TYP.).
- SUBMIT LAYOUT OF CONSTRUCTION JOINT LOCATIONS TO E.O.R. FOR REVIEW A MINIMUM OF 2 WEEKS PRIOR TO SLAB POUR.

FOUNDATION WALLS



CONCRETE SLABS



TYPICAL SLAB-ON-GRADE JOINT DETAILS

SCALE: N.T.S.

1

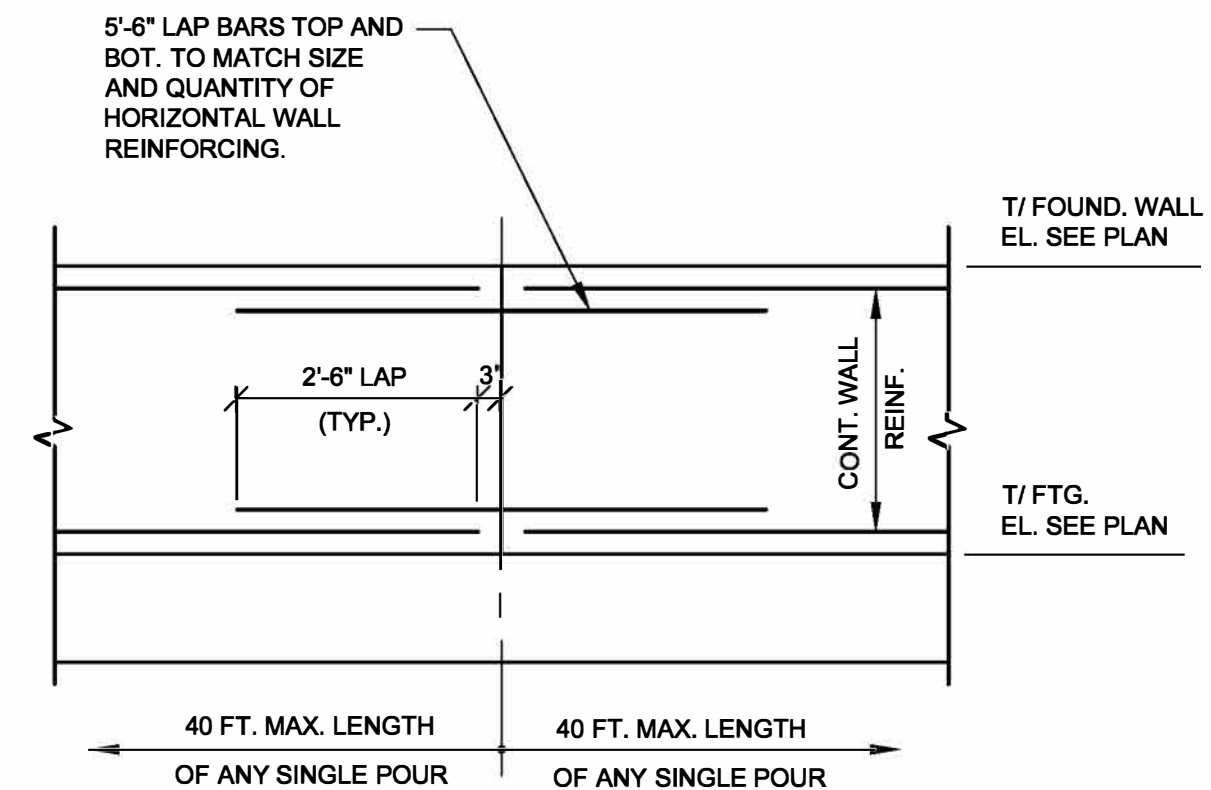
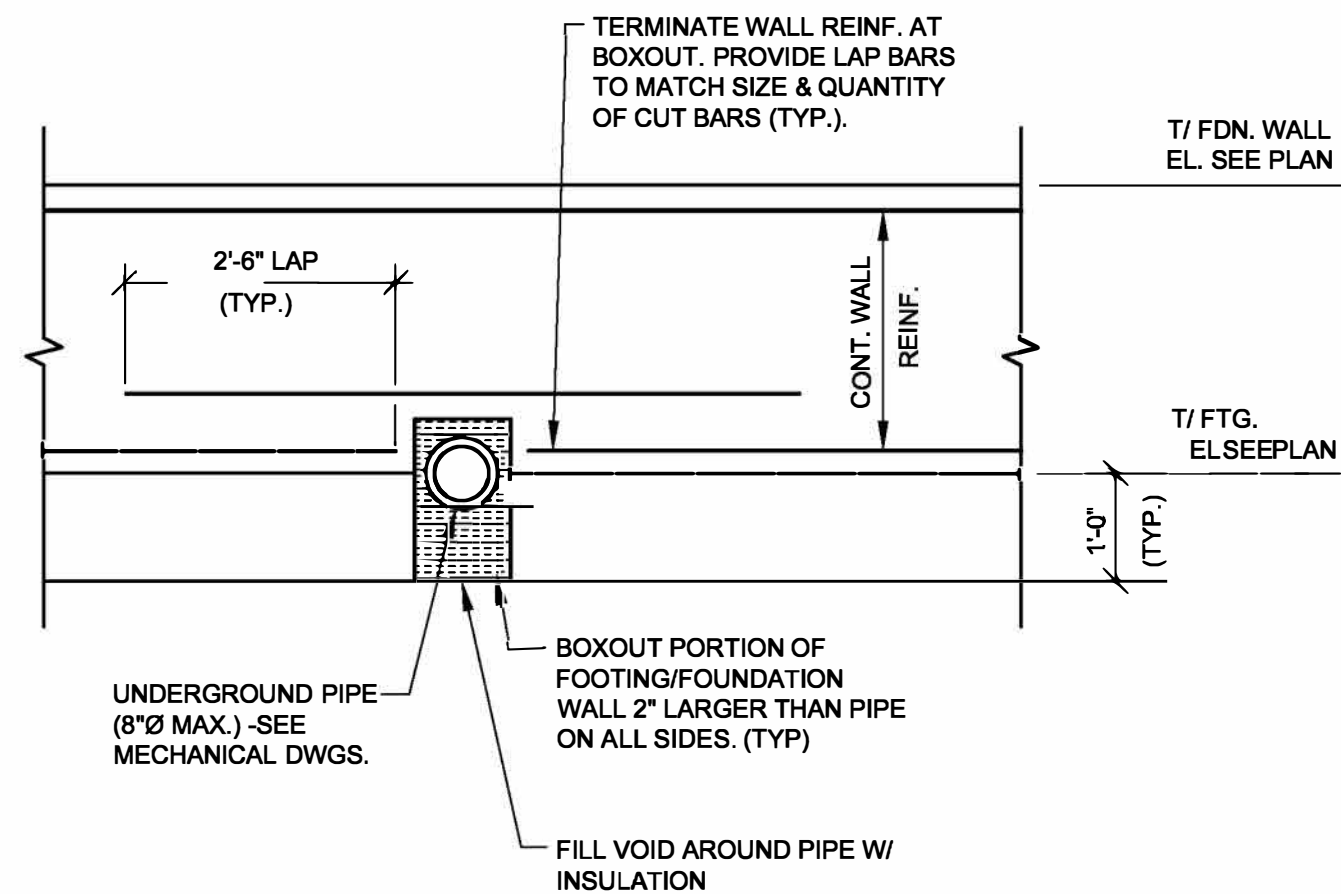
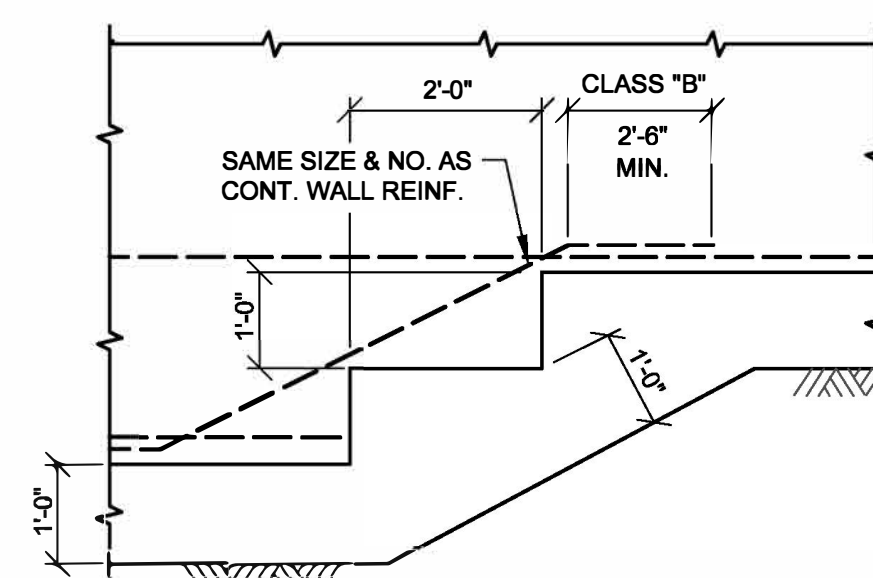
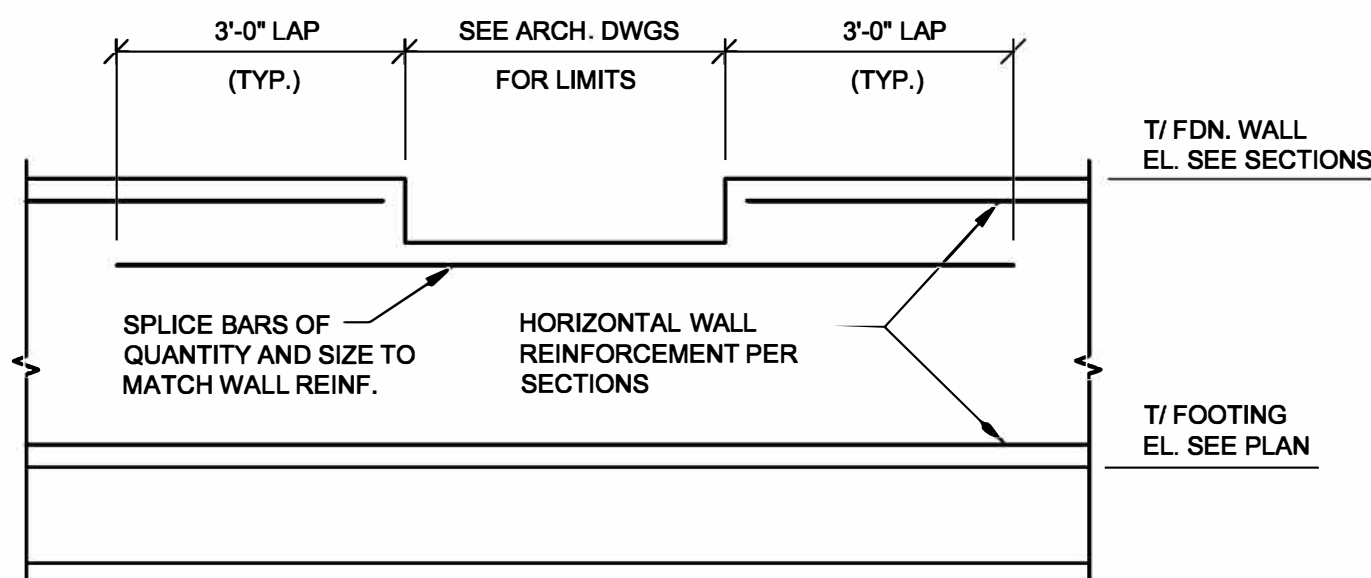
S-201

TYPICAL CORNER BAR DETAILS

SCALE: N.T.S.

2

S-201



TYPICAL REINF. AT FDN WALL RECESS DETAIL

SCALE: N.T.S.

3

S-201

TYPICAL STEPPED FOOTING DETAIL

SCALE: N.T.S.

4

S-201

TYPICAL FDN PENETRATION DETAIL

SCALE: N.T.S.

5

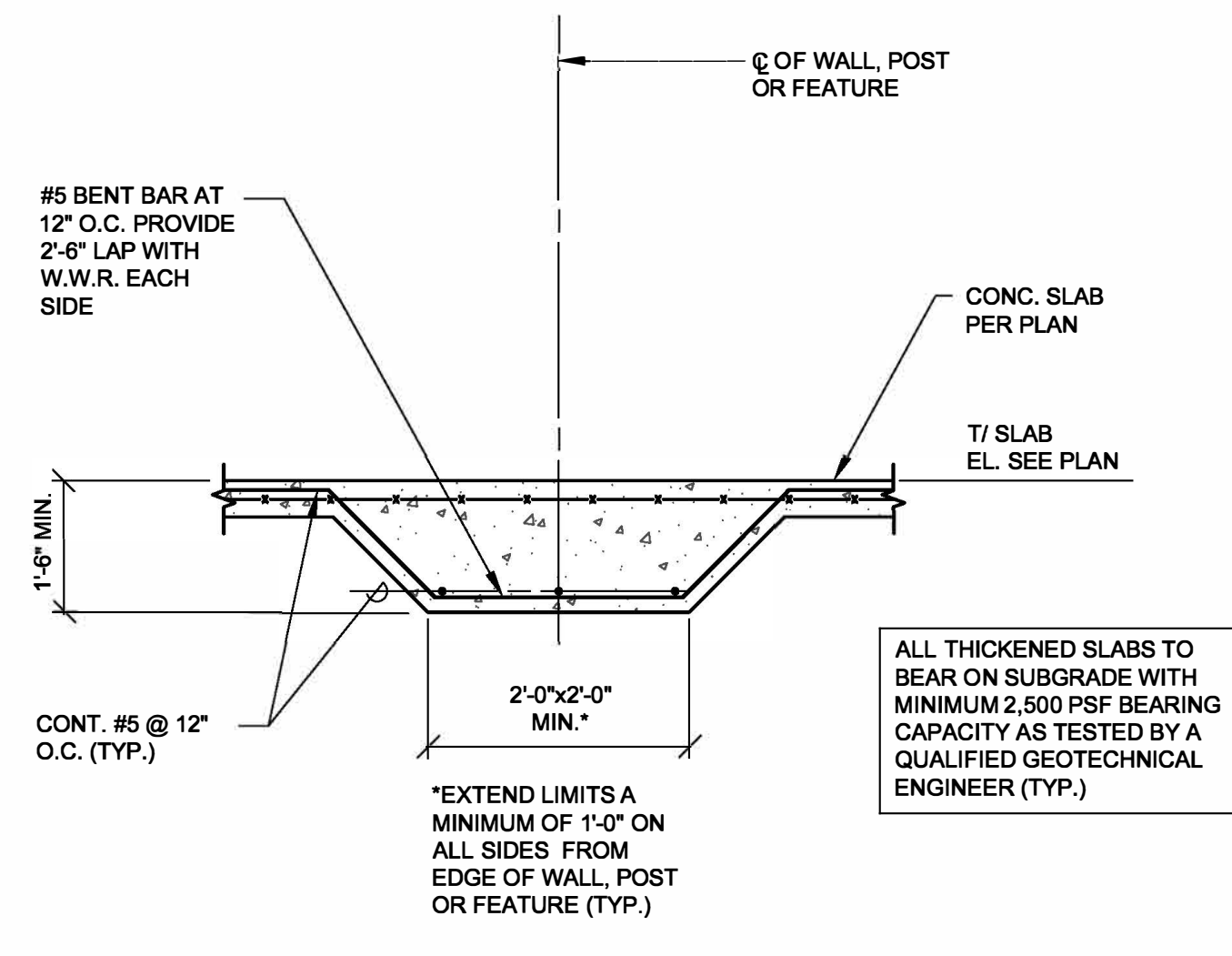
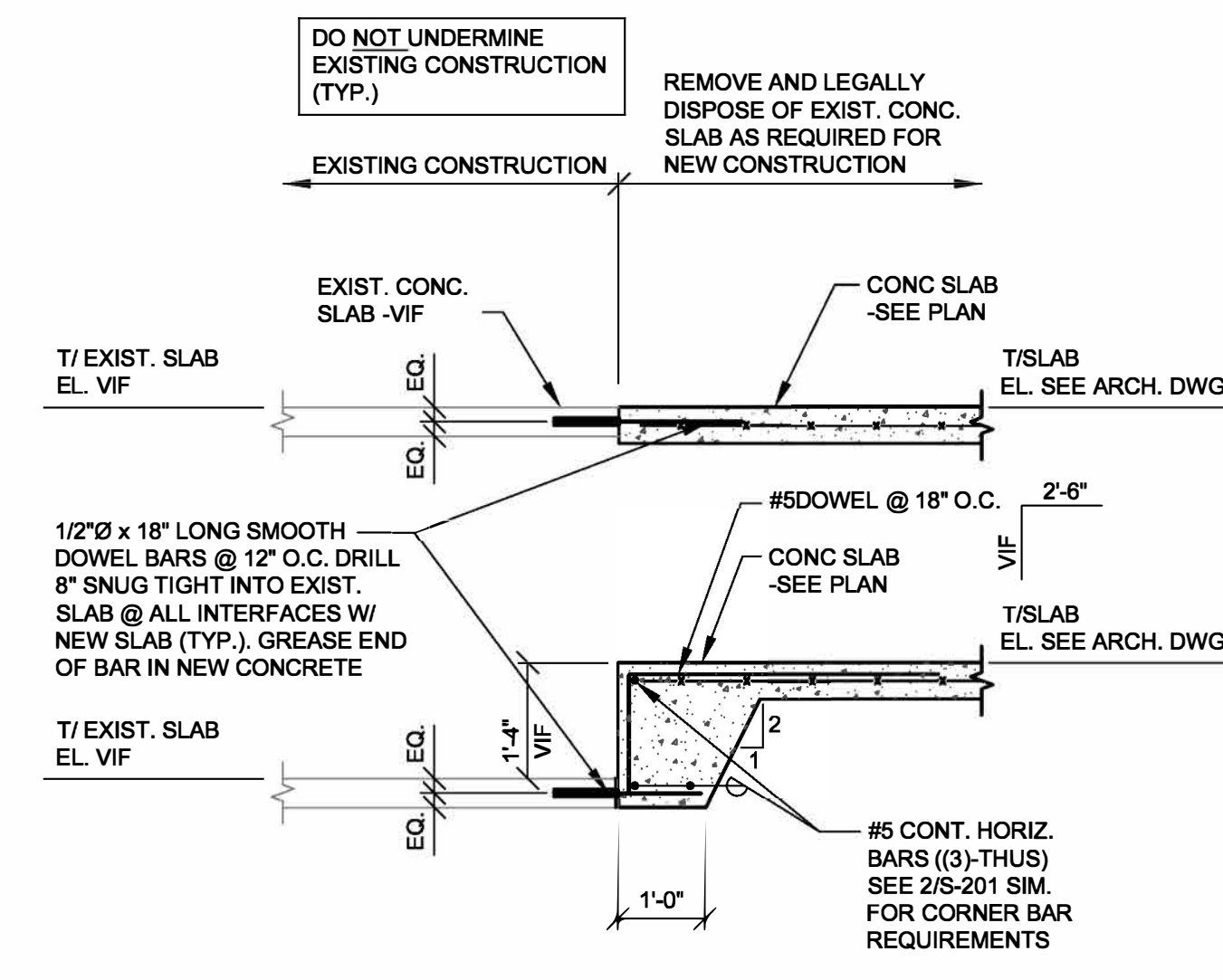
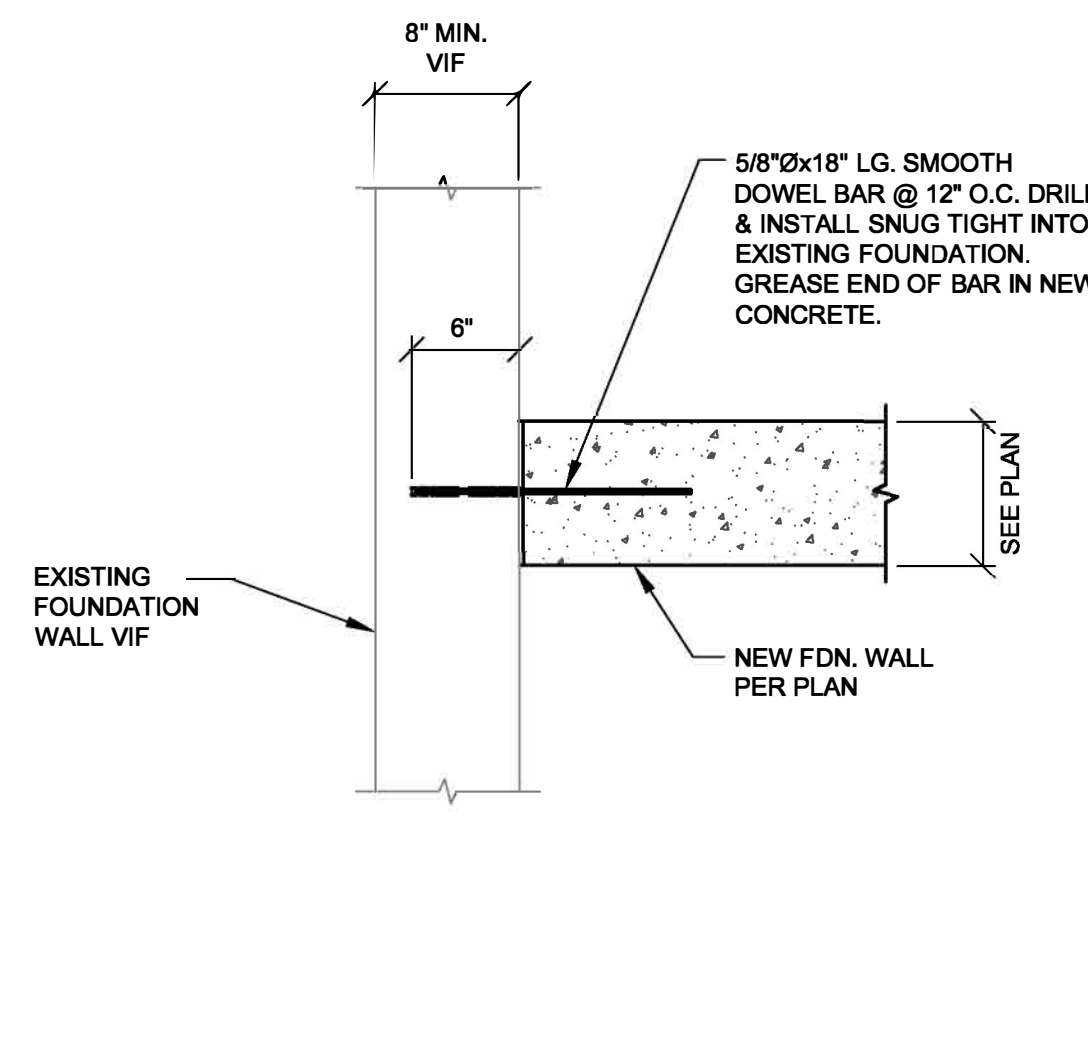
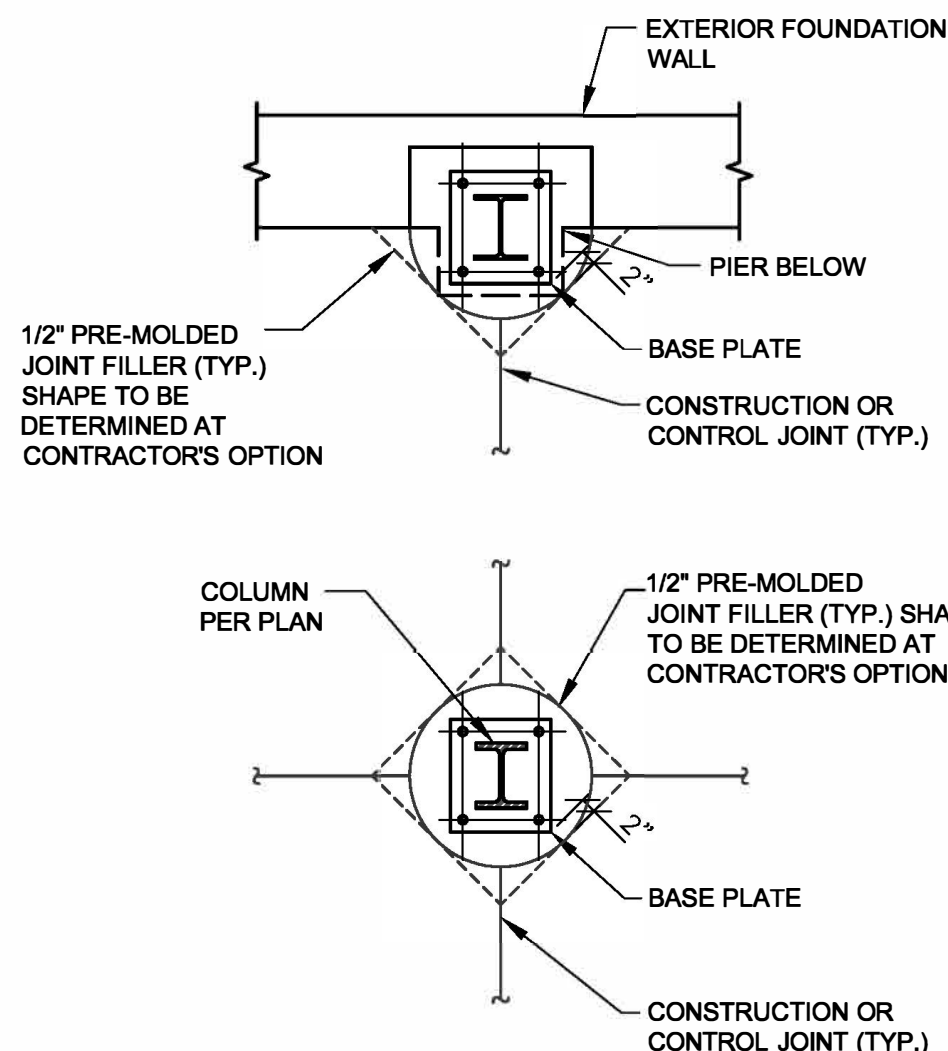
S-201

TYPICAL REINF. AT FDN WALL CONST. JOINT DETAIL

SCALE: N.T.S.

6

S-201



TYPICAL ISOLATION JOINT DETAIL

SCALE: N.T.S.

7

S-201

TYPICAL DETAIL AT NEW TO EXIST. FDN WALL

SCALE: N.T.S.

8

S-201

TYPICAL DETAIL AT NEW TO EXIST. SLAB

SCALE: N.T.S.

9

S-201

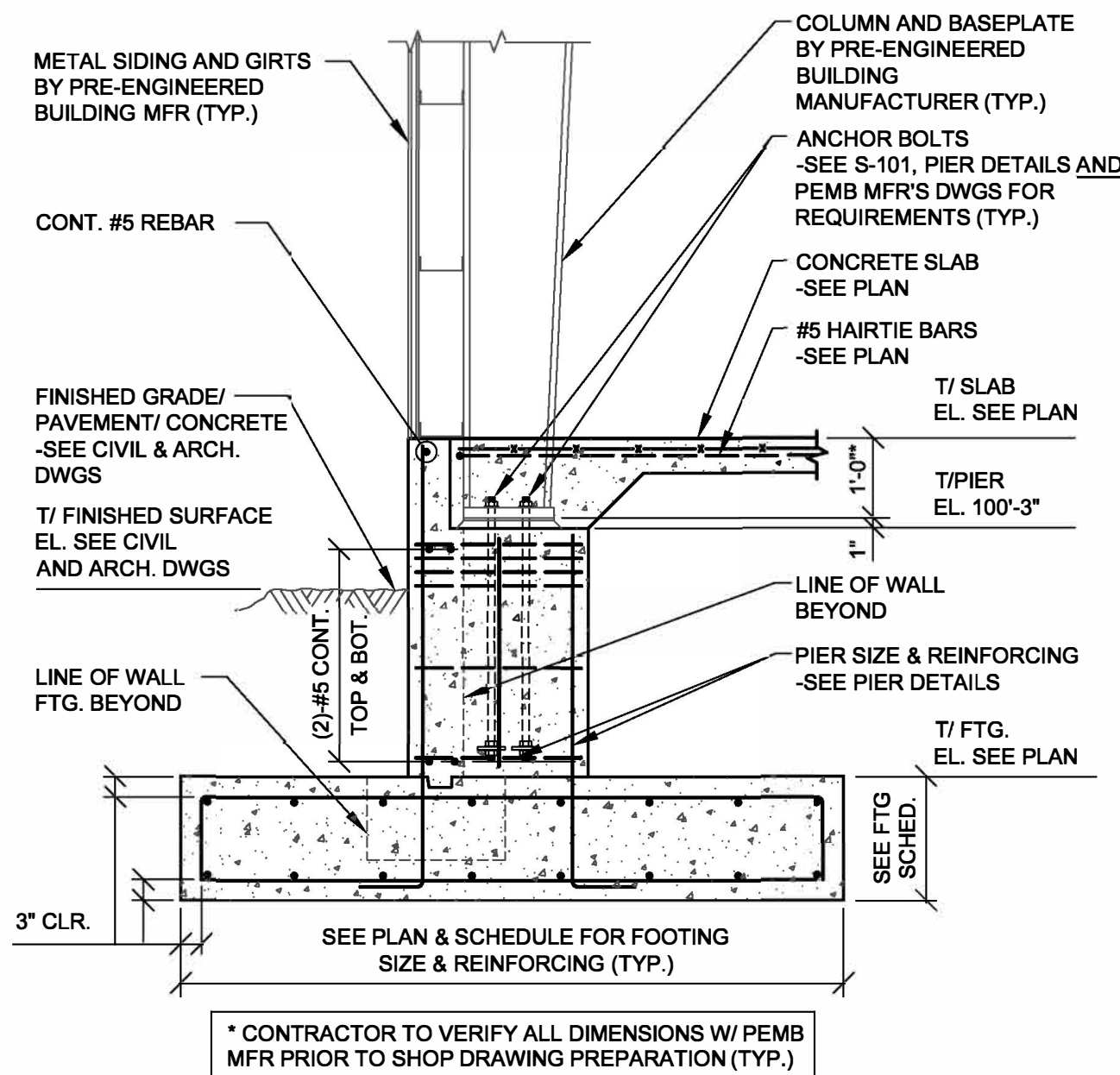
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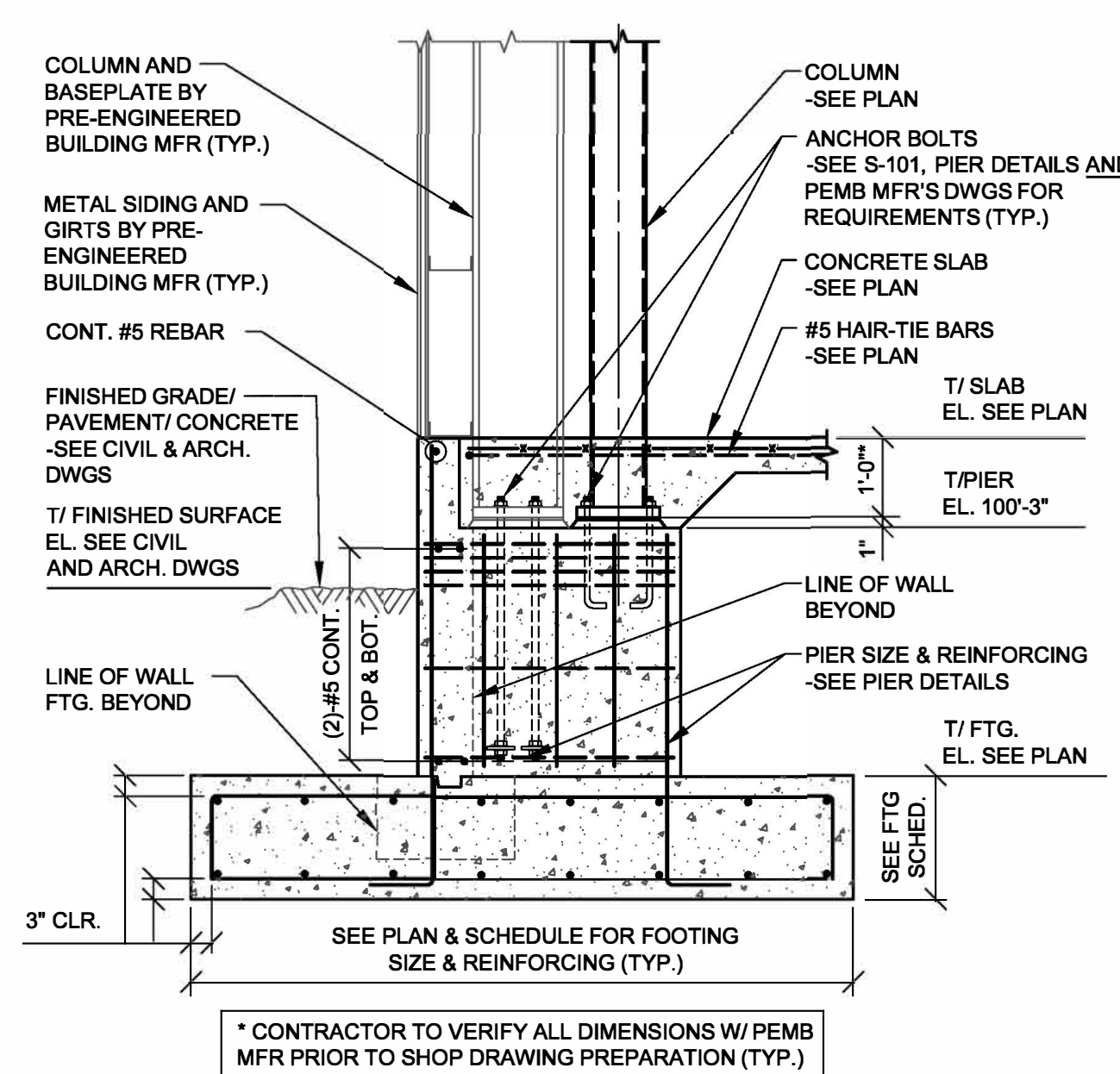
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S-201

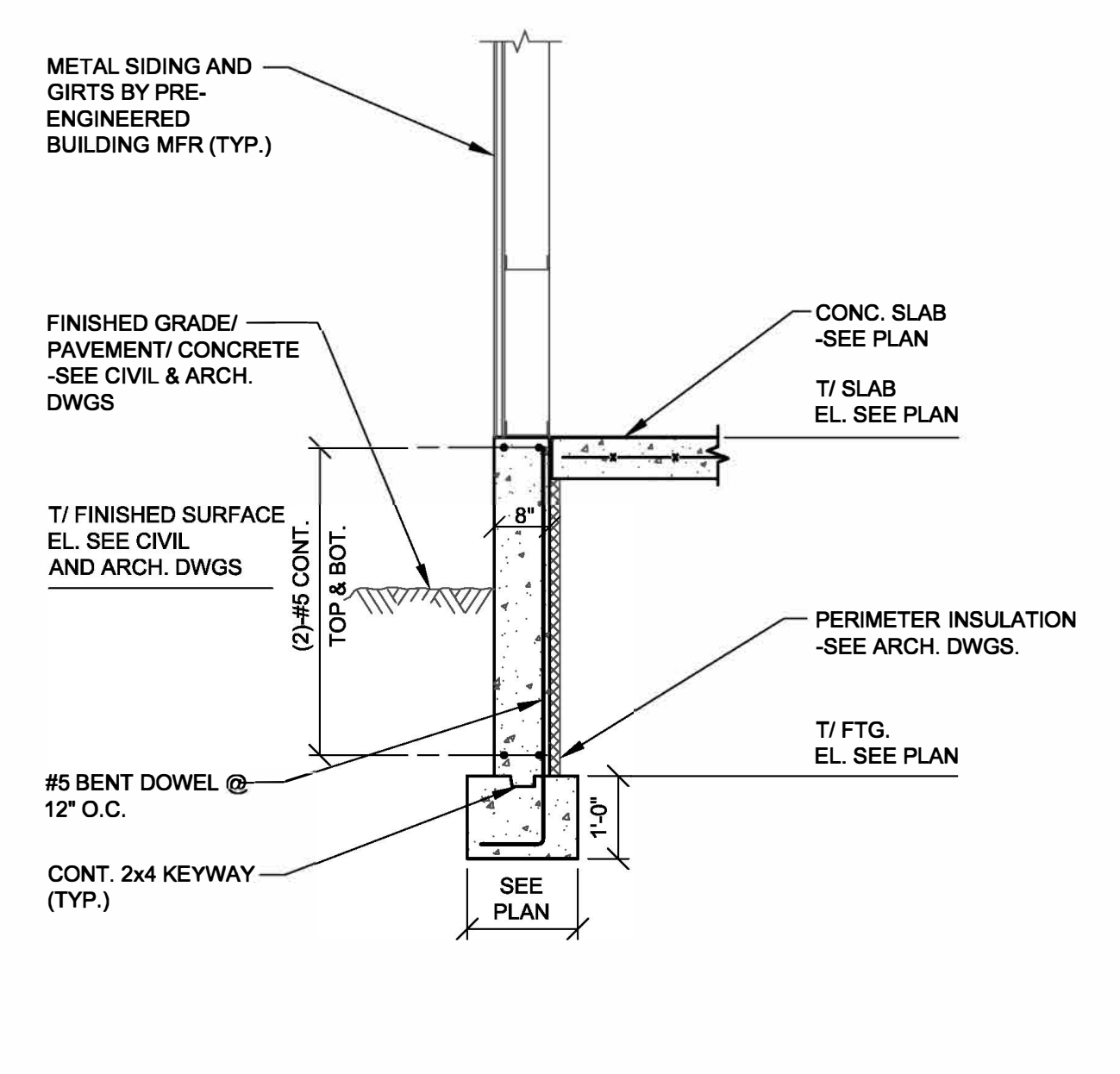
MARK	DATE	DESCRIPTION



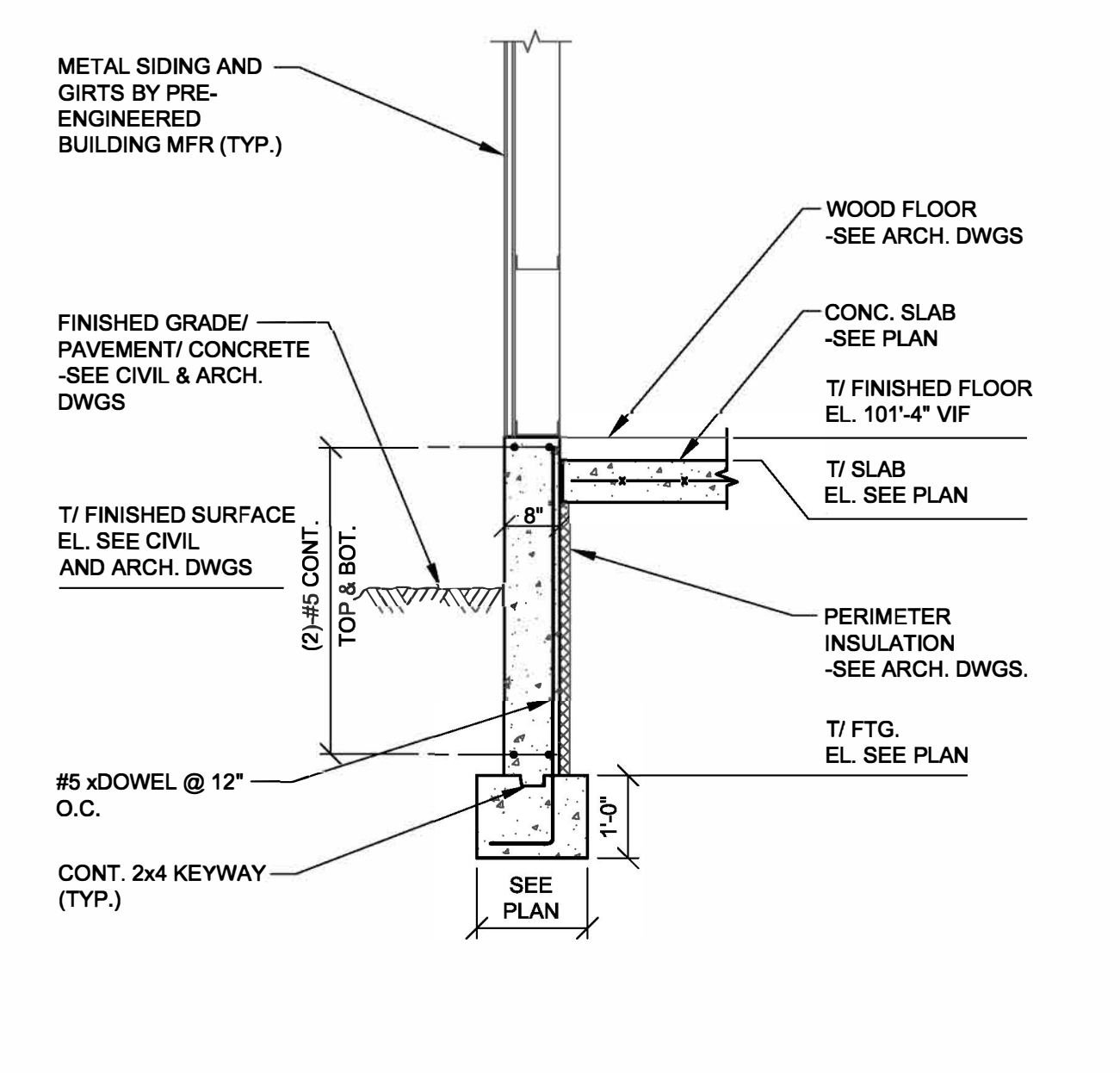
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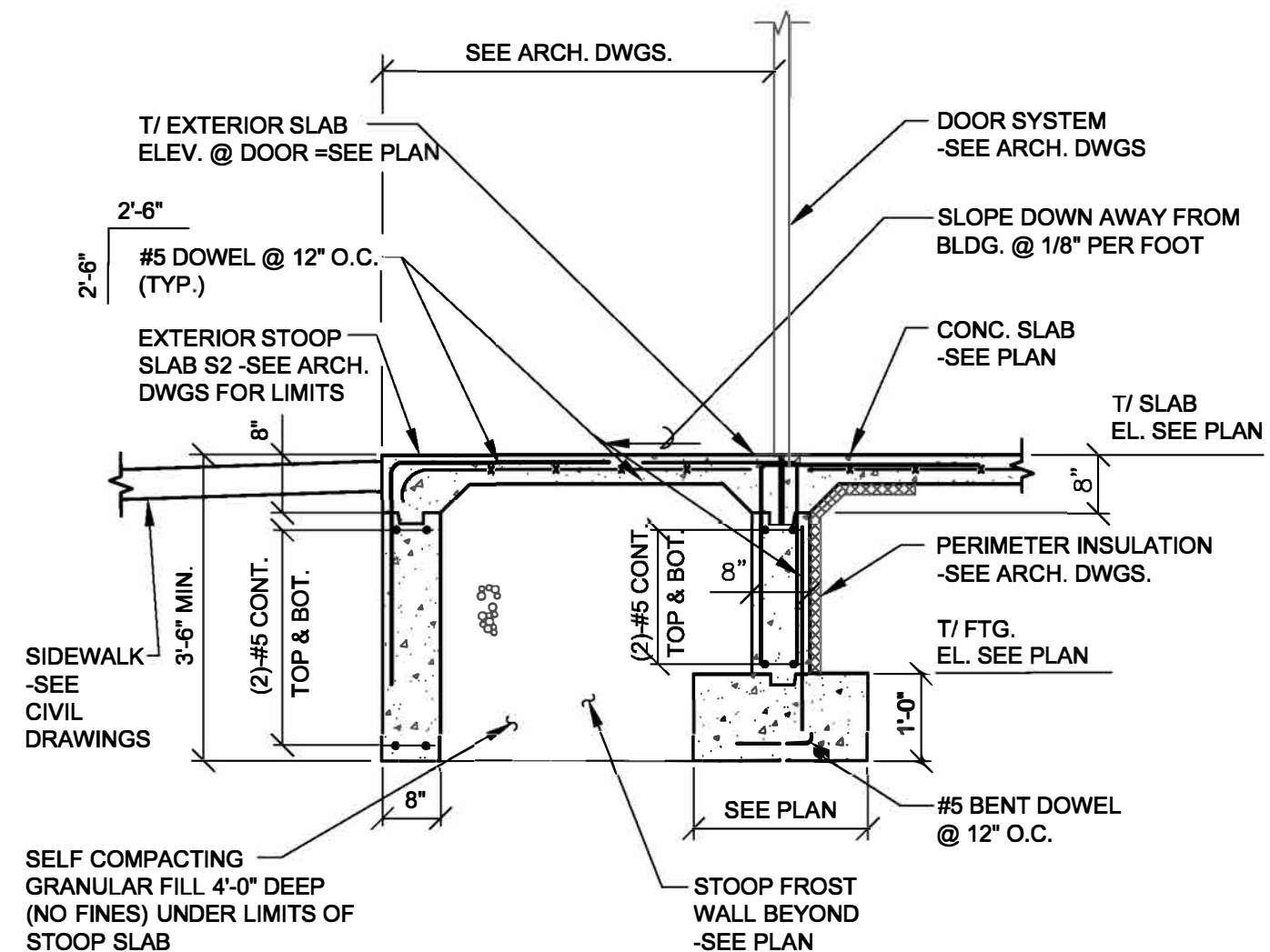
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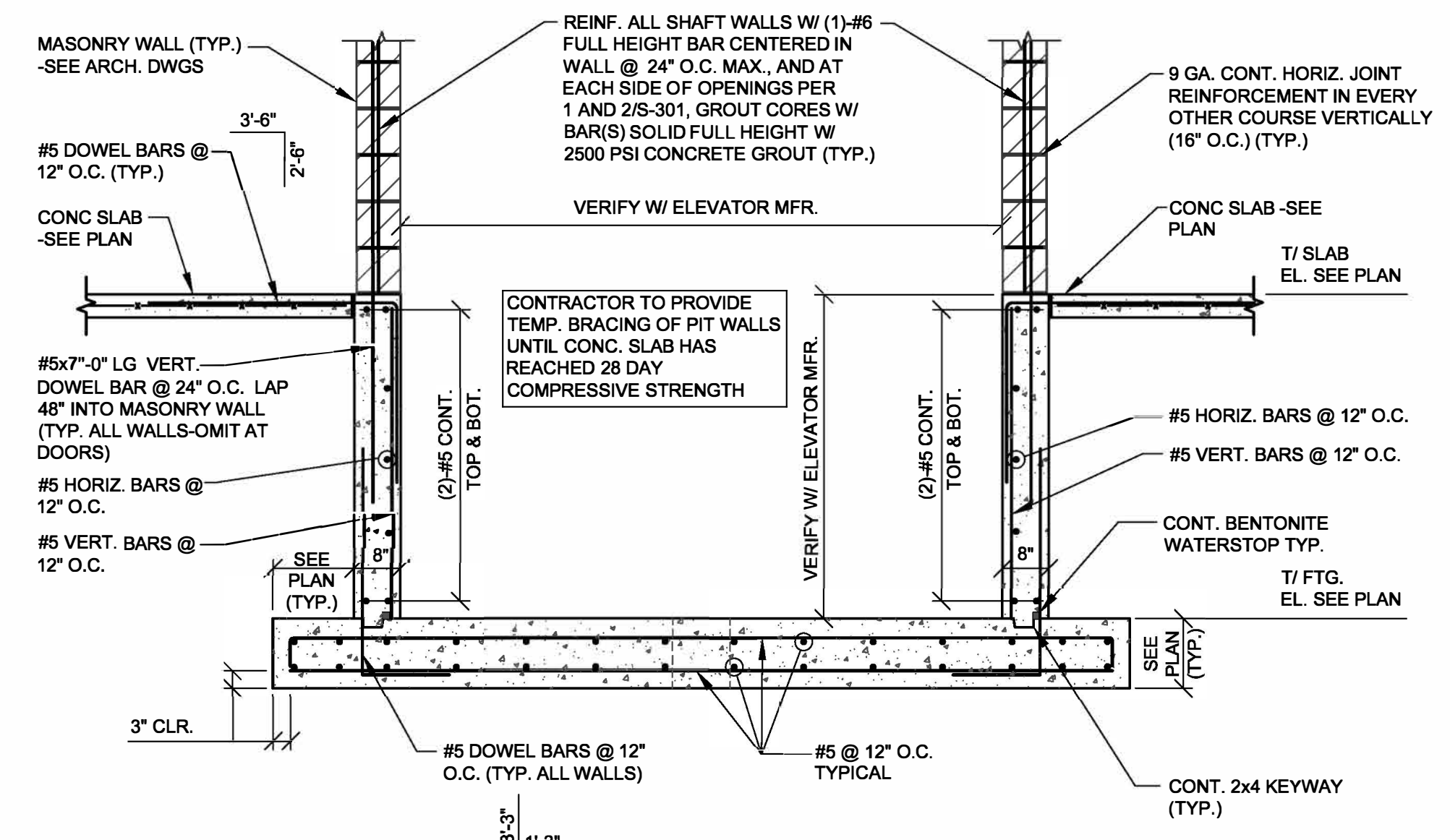
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SCALE: 1/2"=1'-0"



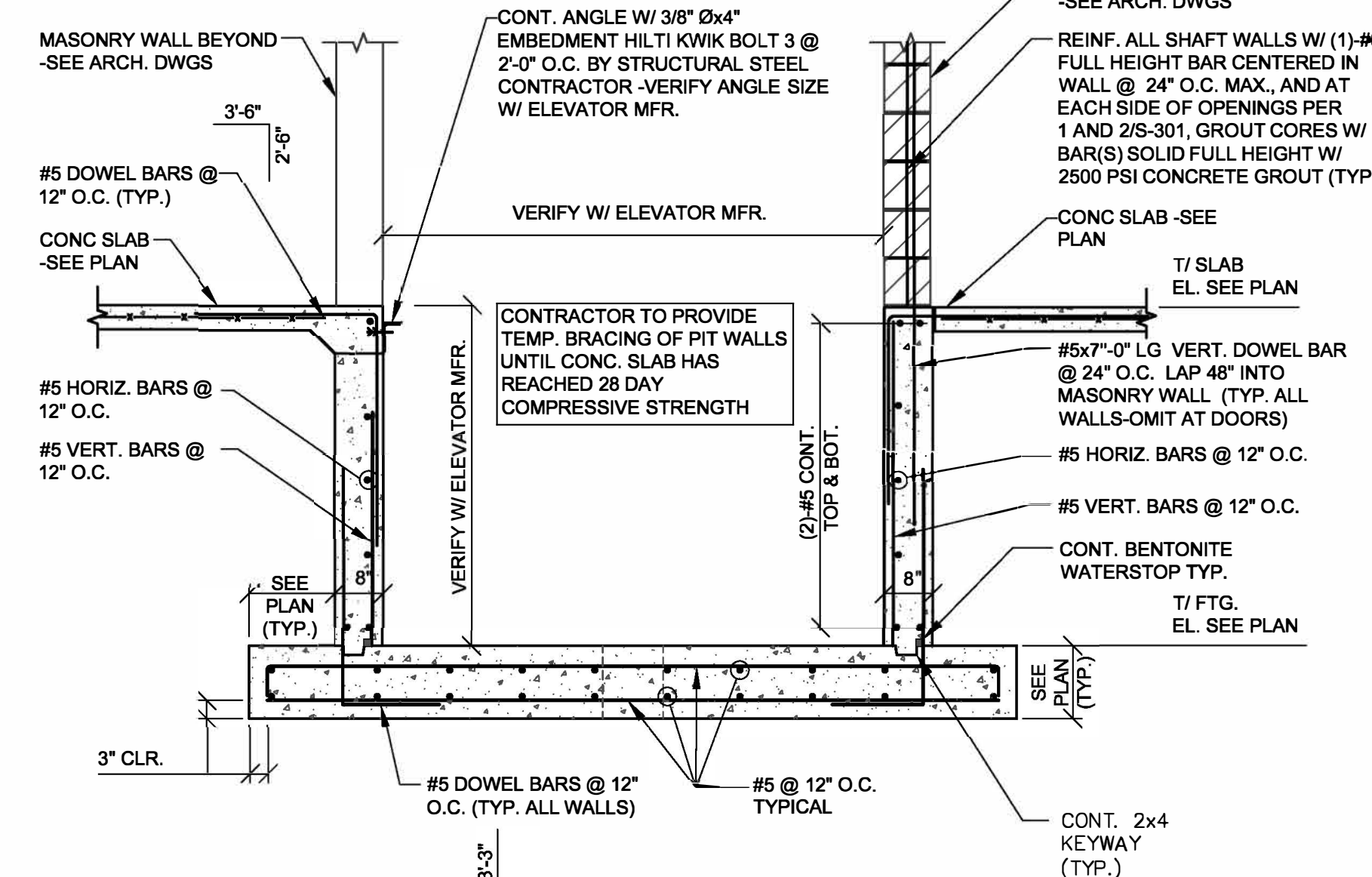
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SCALE: 1/2"=1'-0"



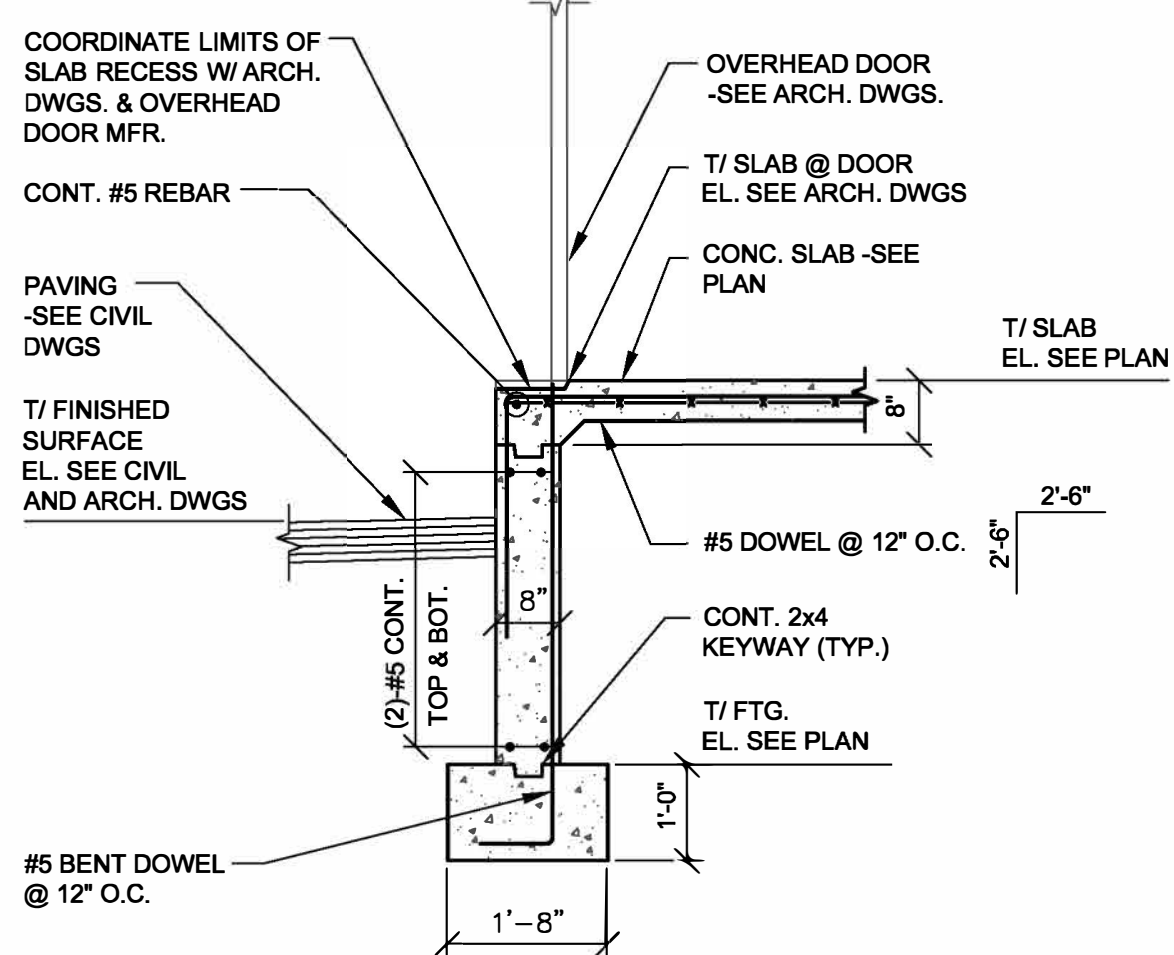
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SCALE: 1/2"=1'-0"



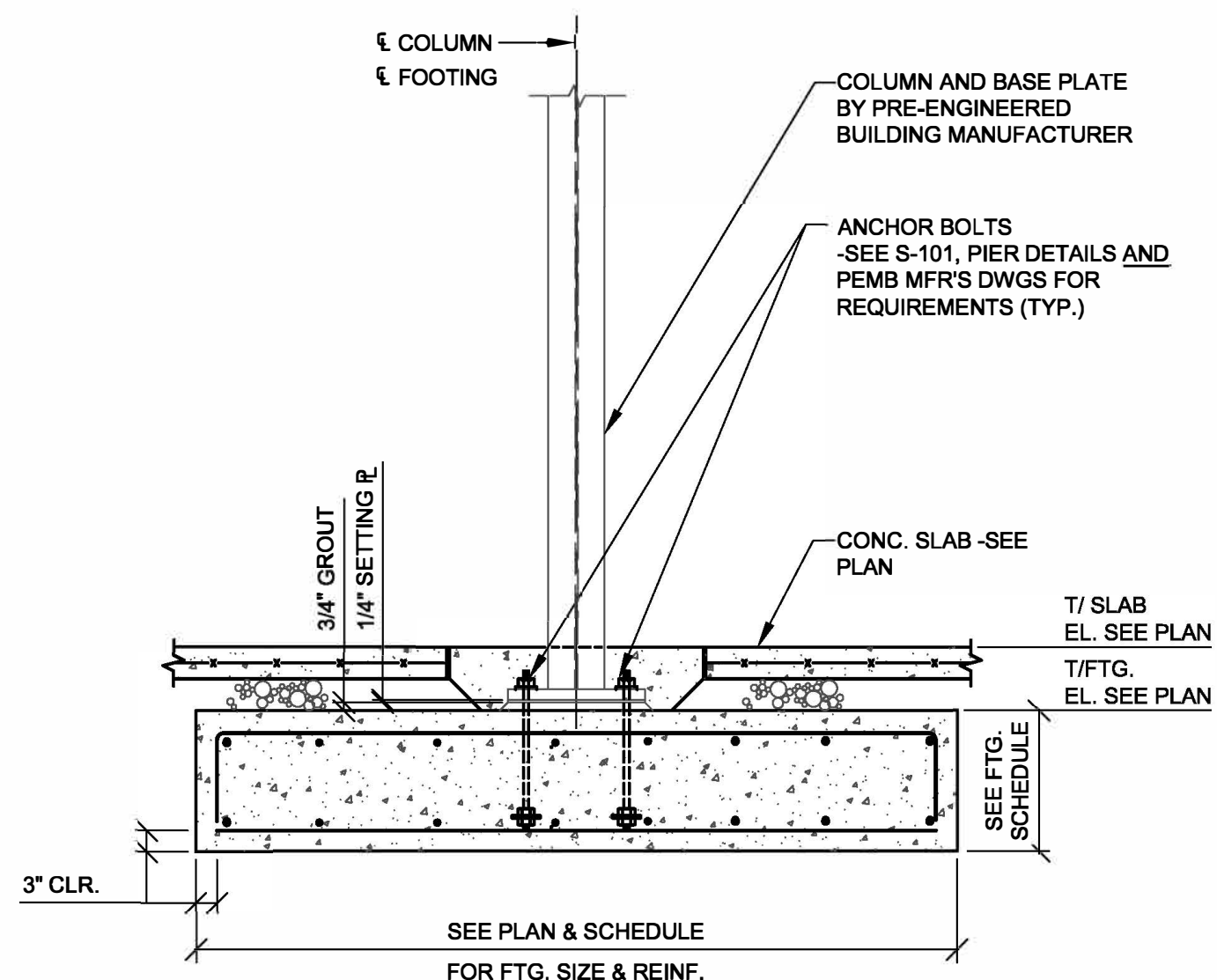
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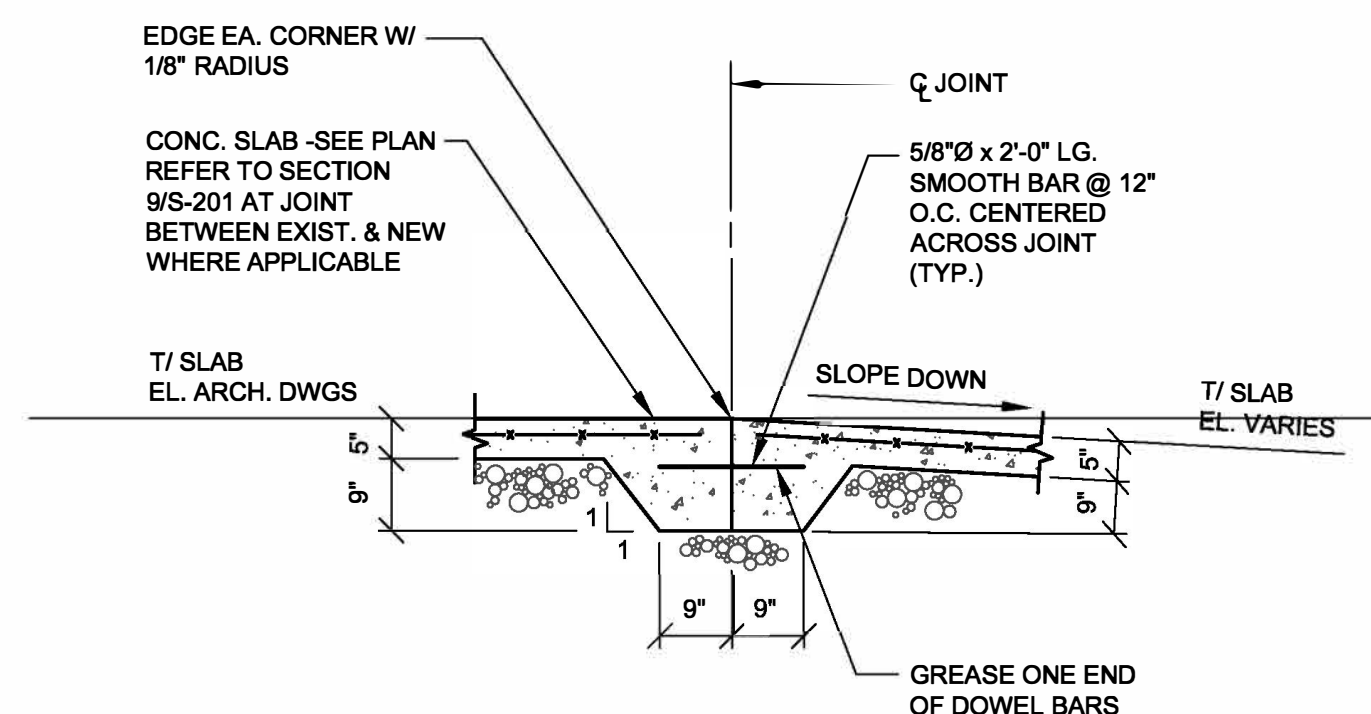
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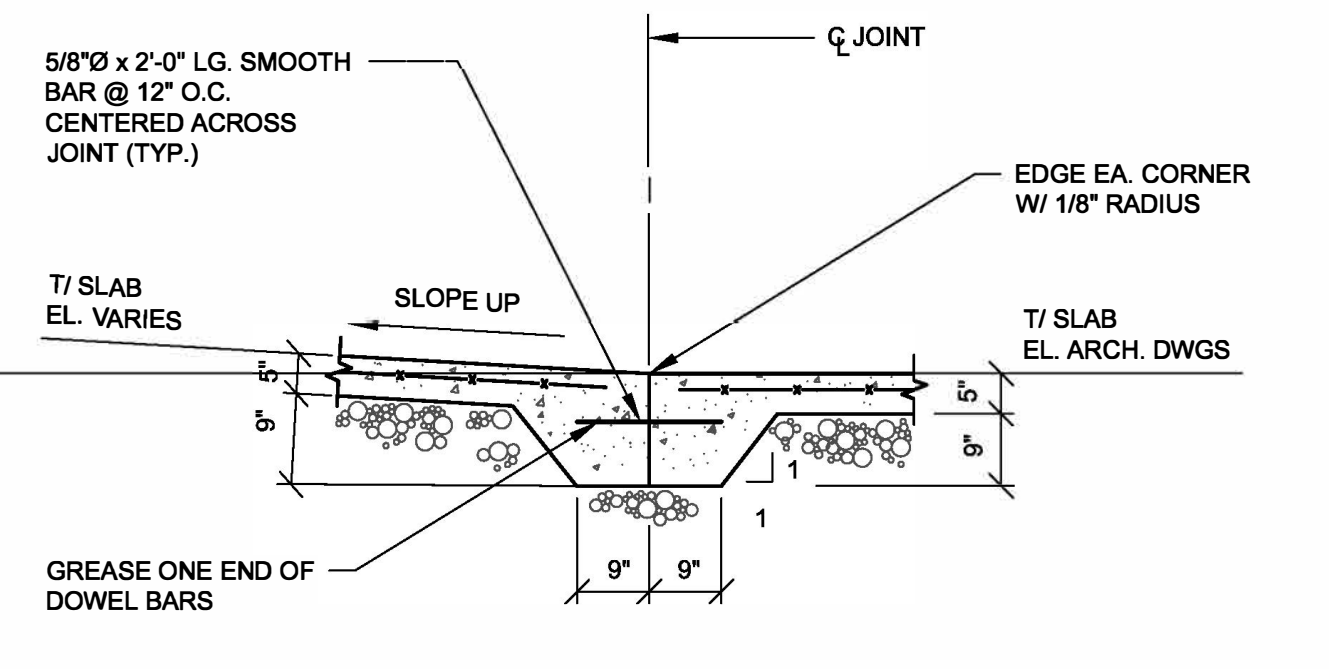
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SECTION 9
SCALE: 1/2"=1'-0"

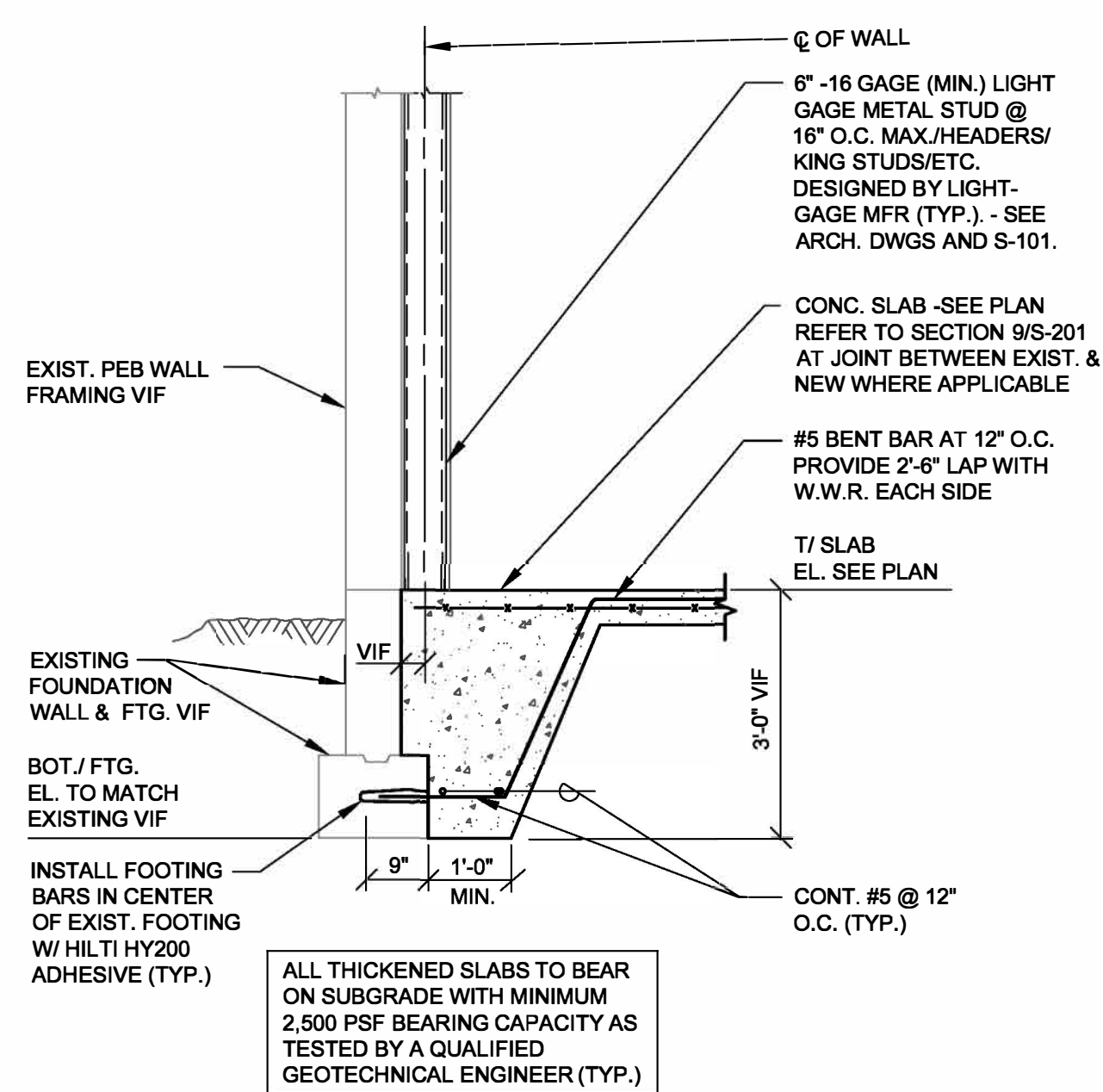
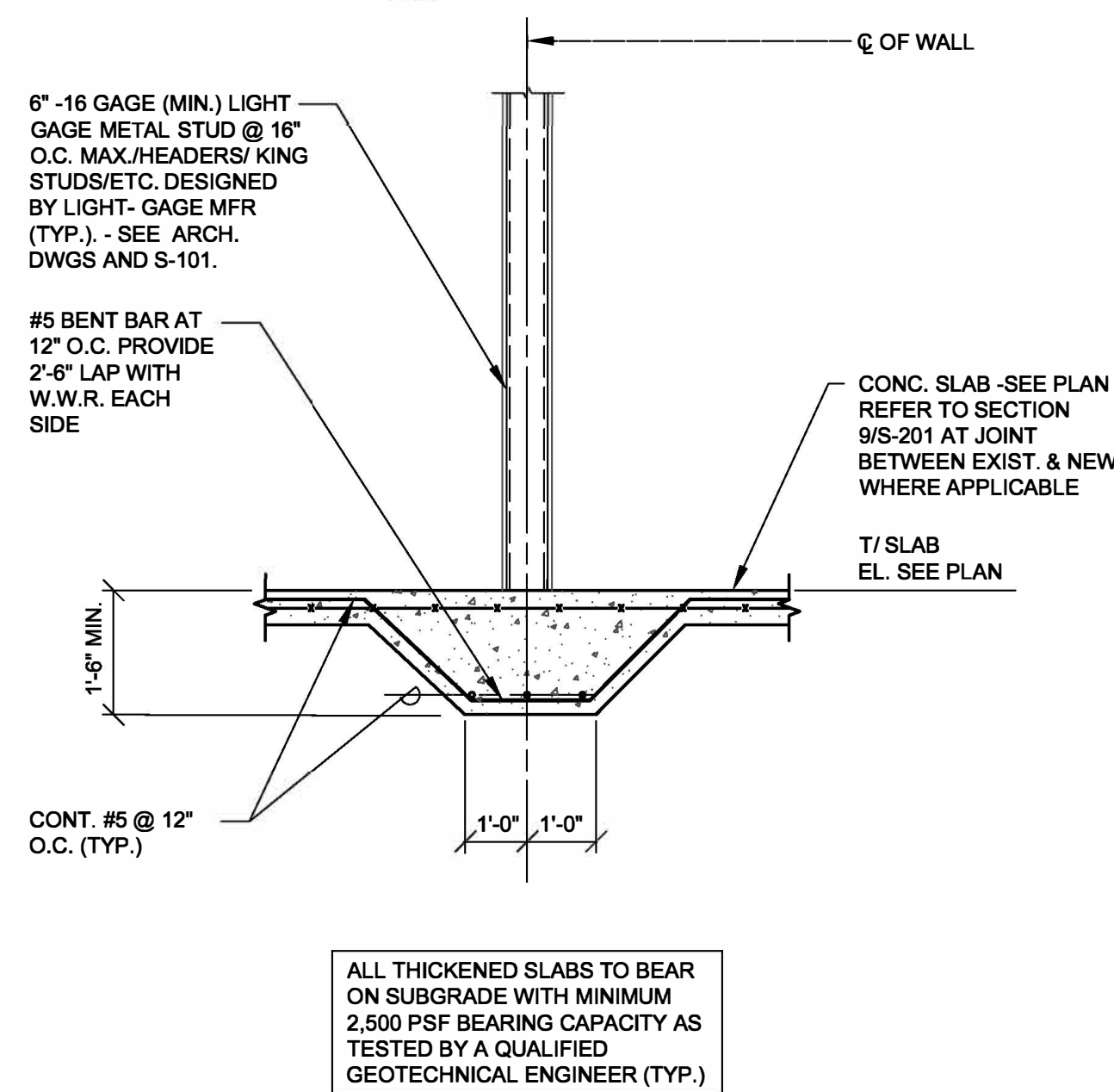
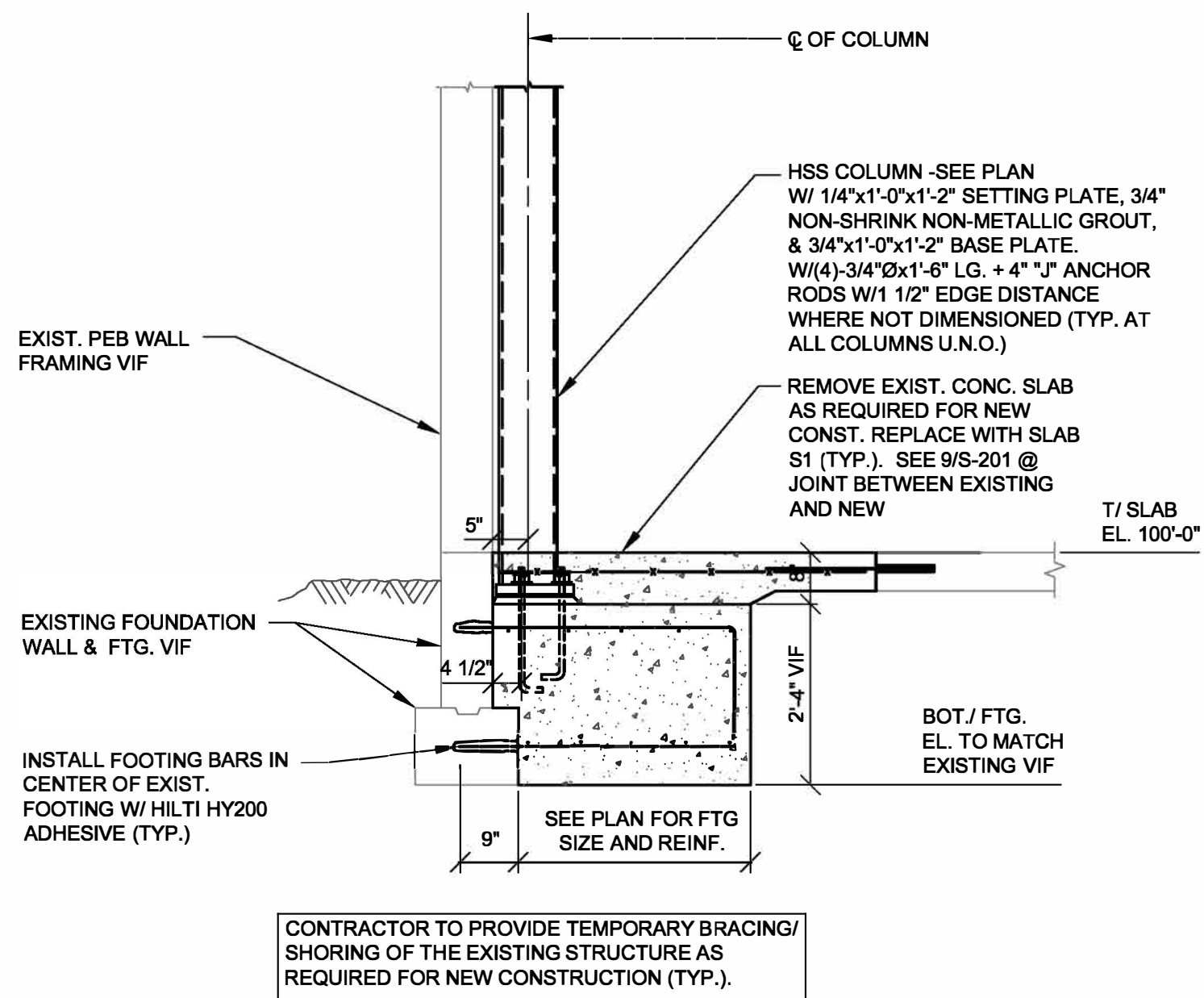
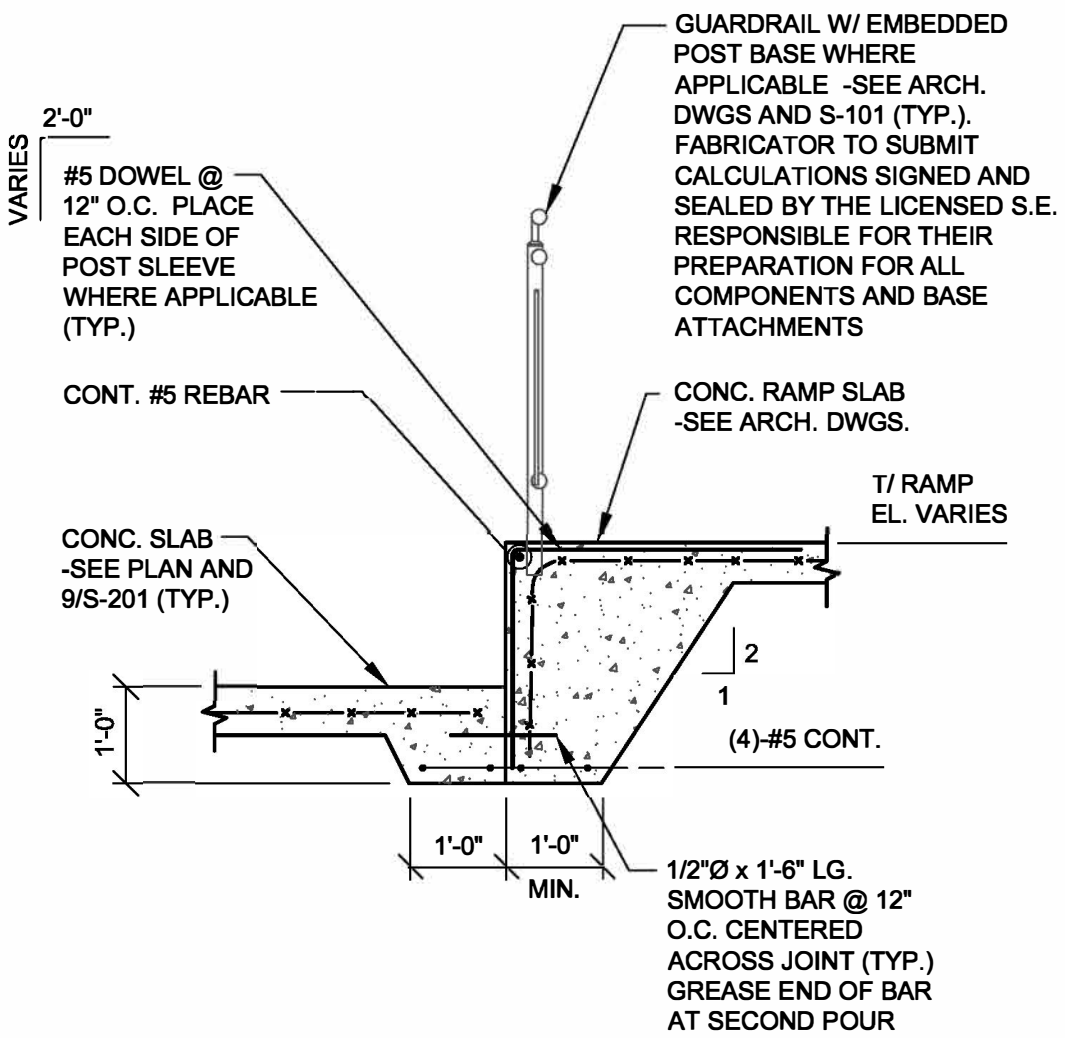
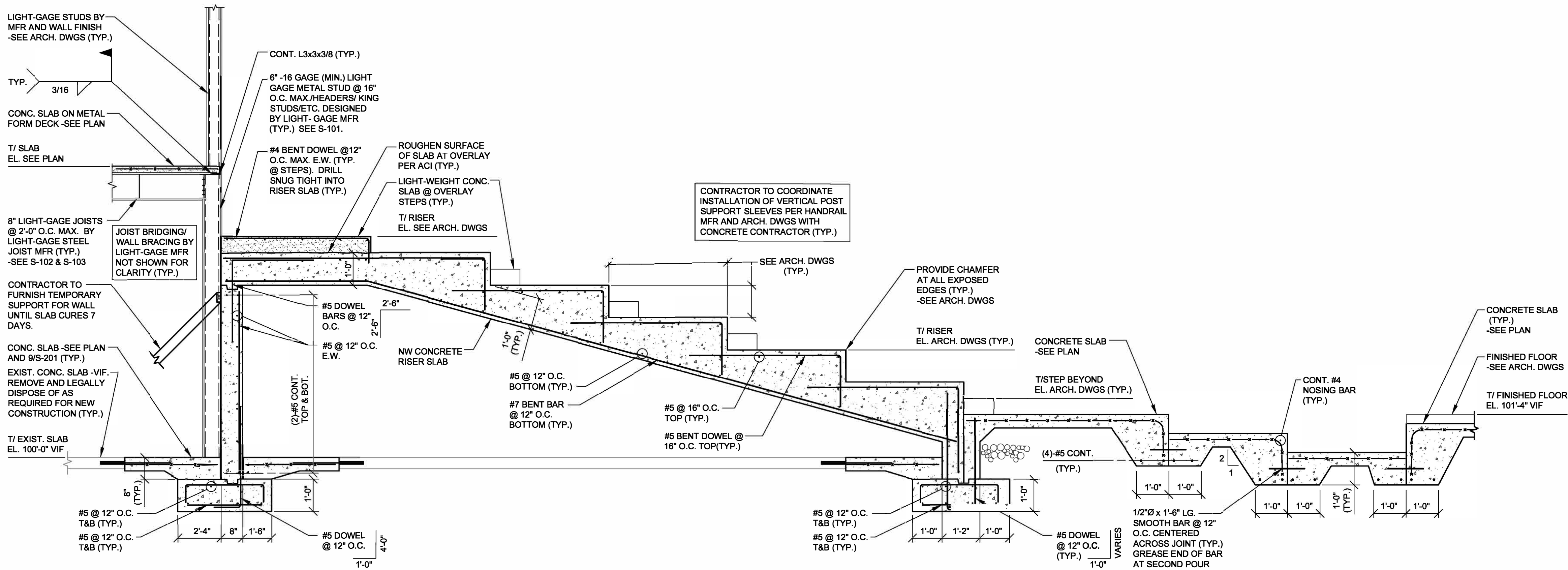


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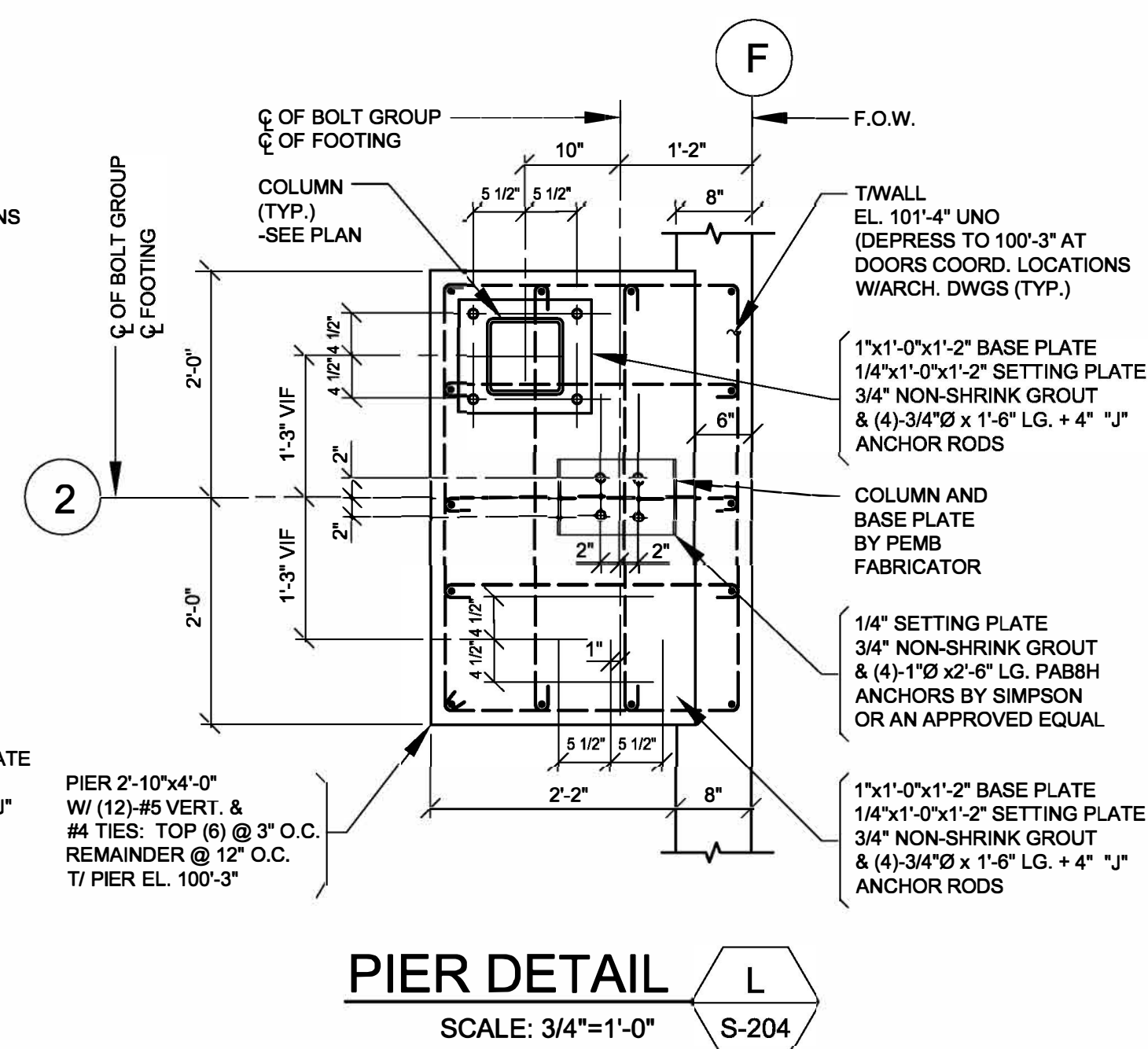
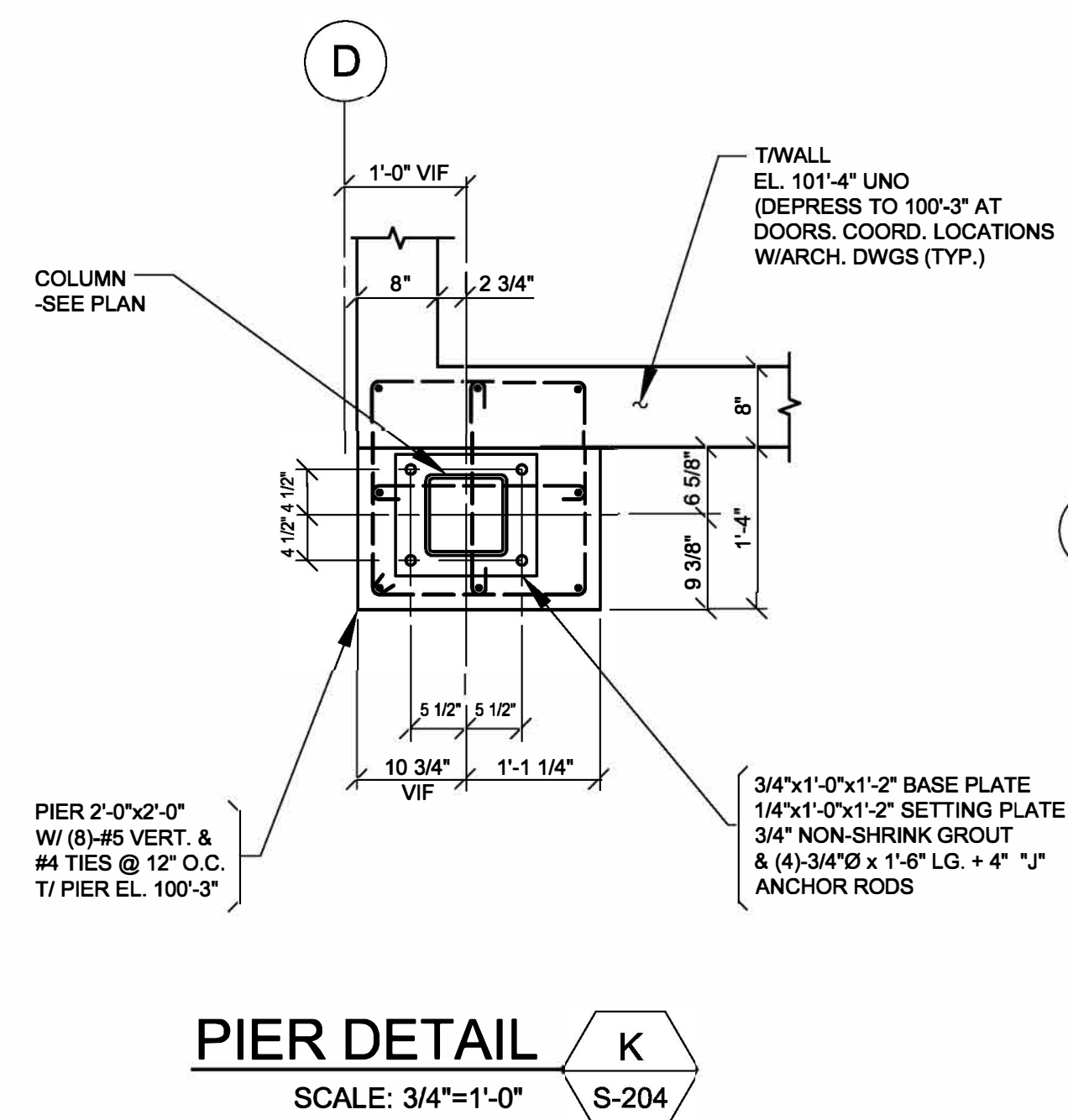
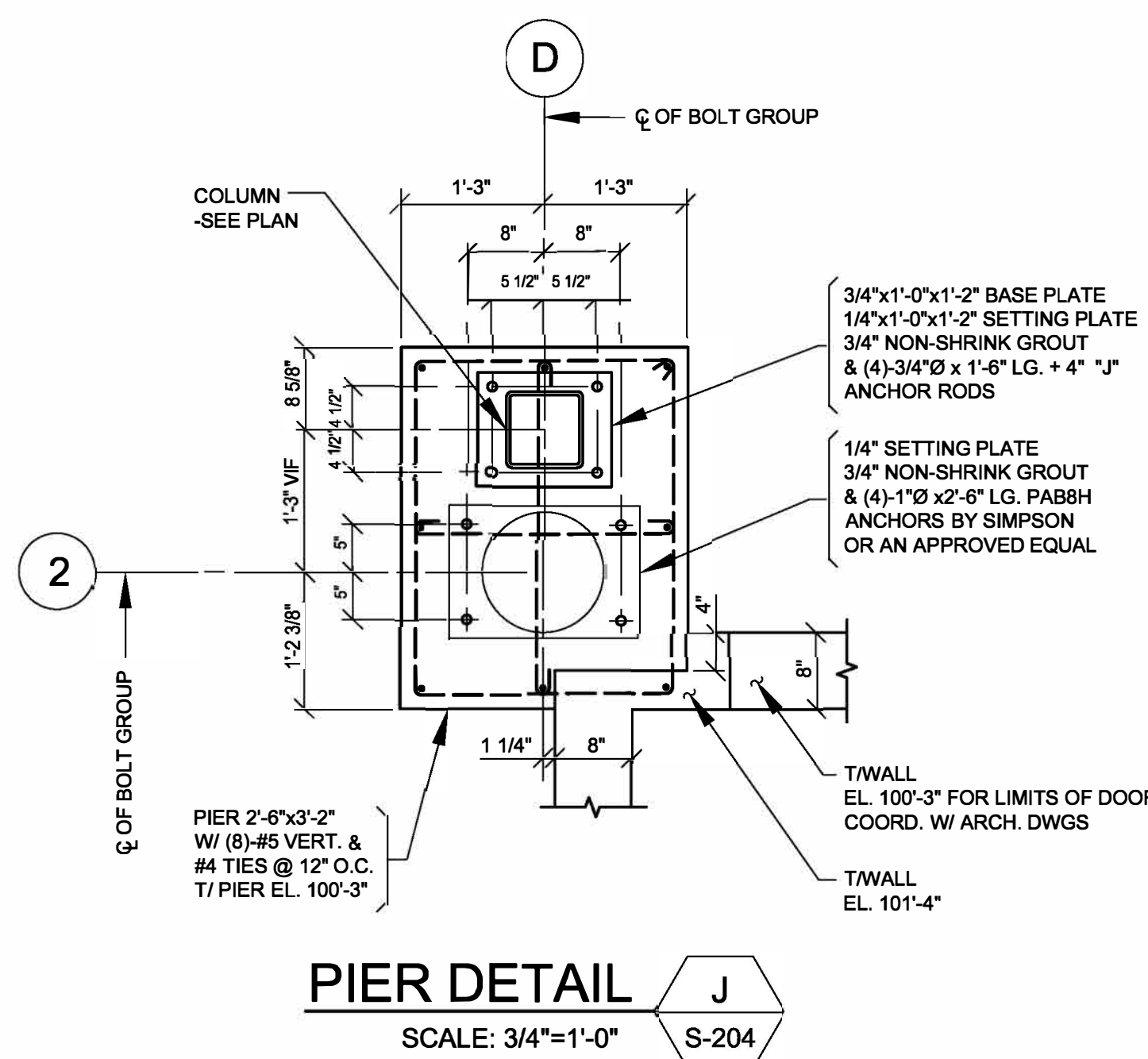
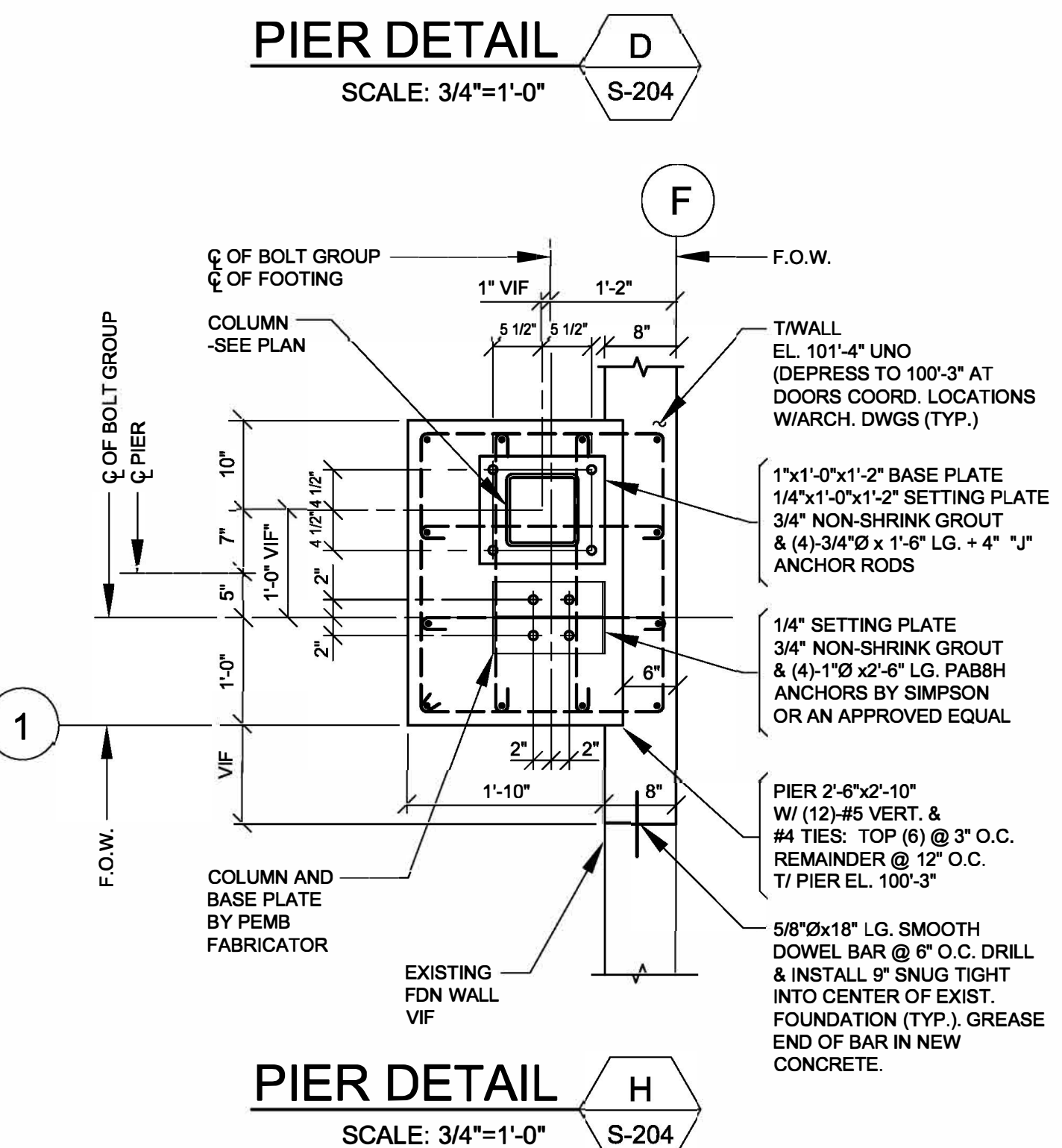
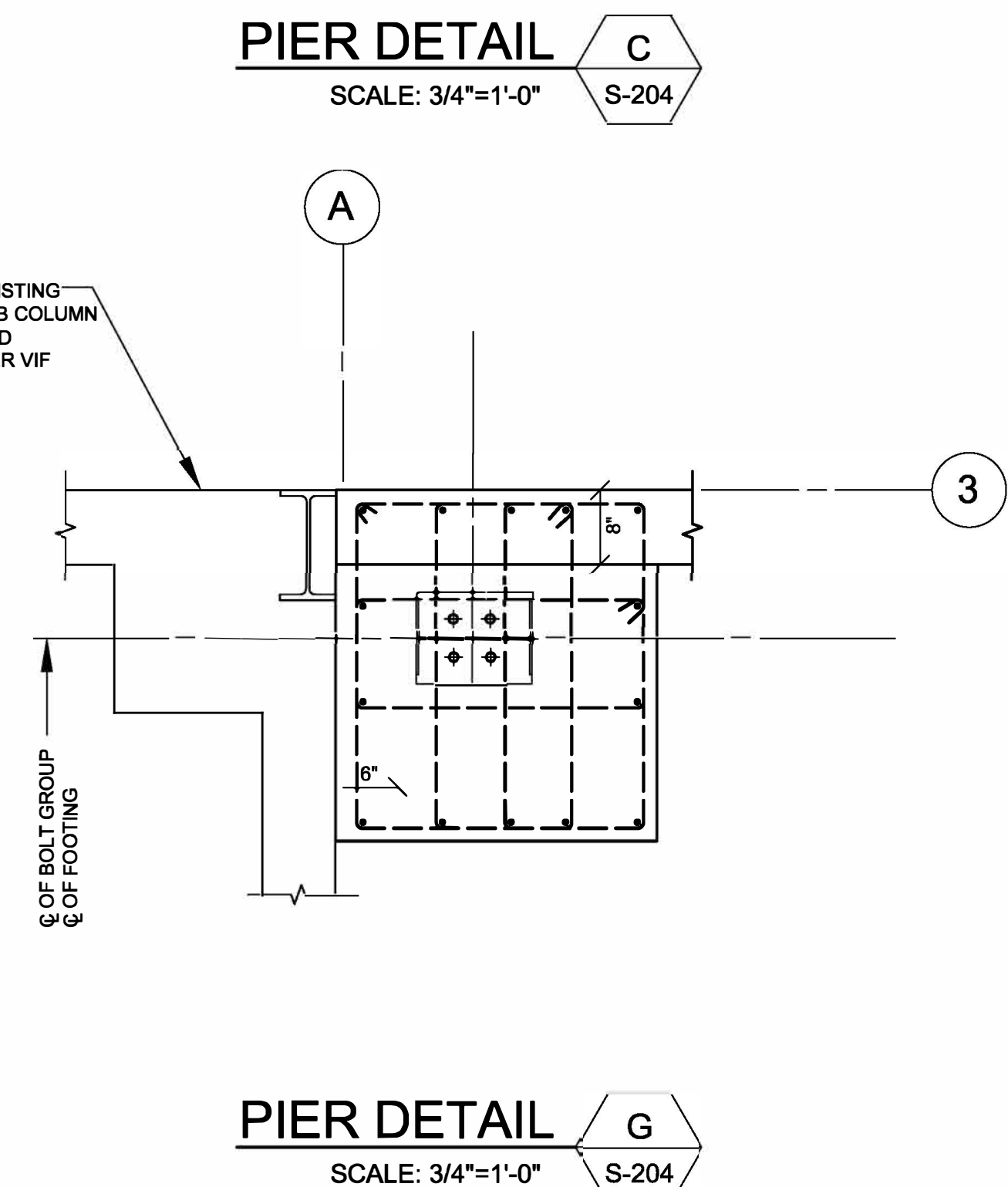
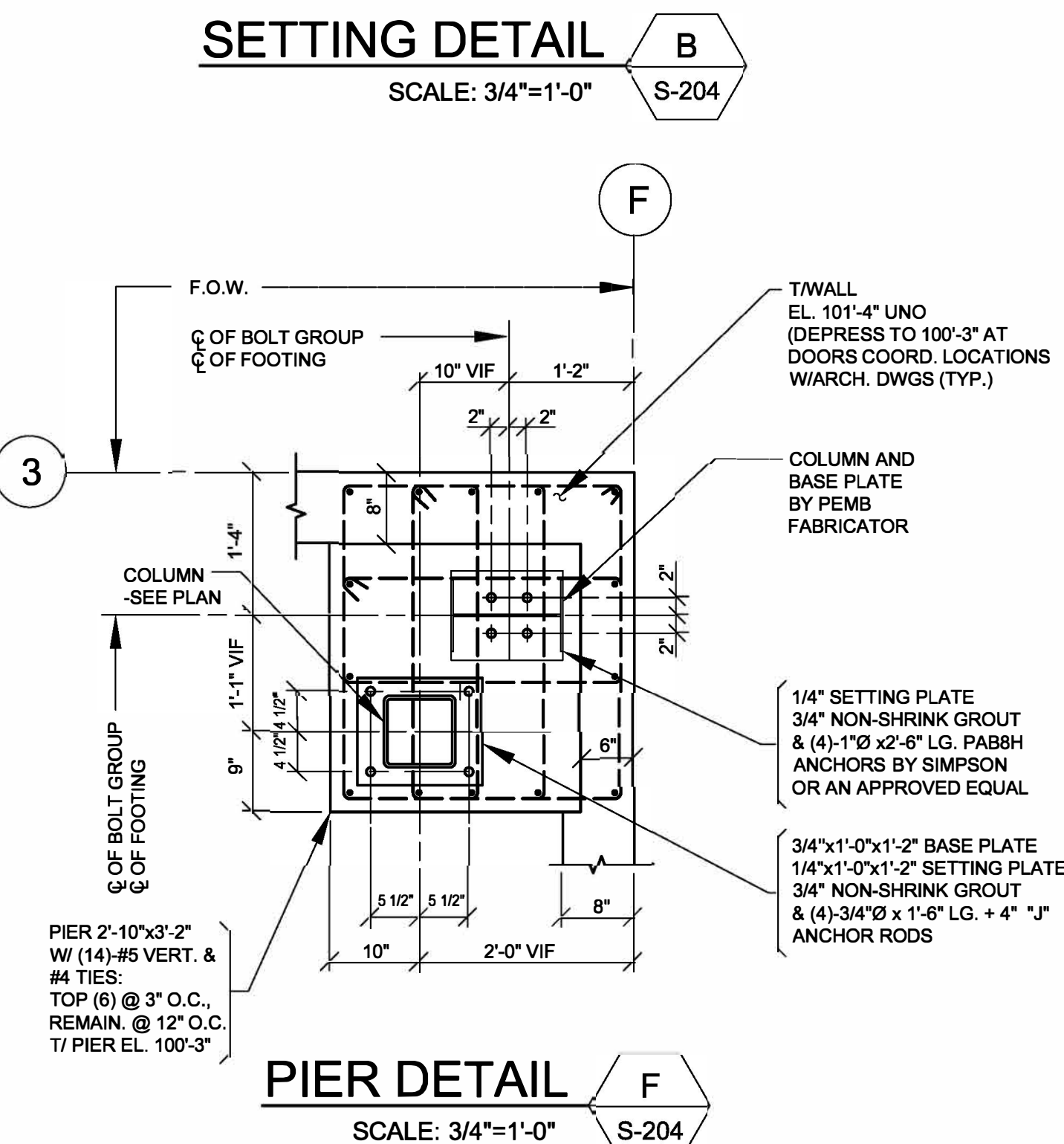
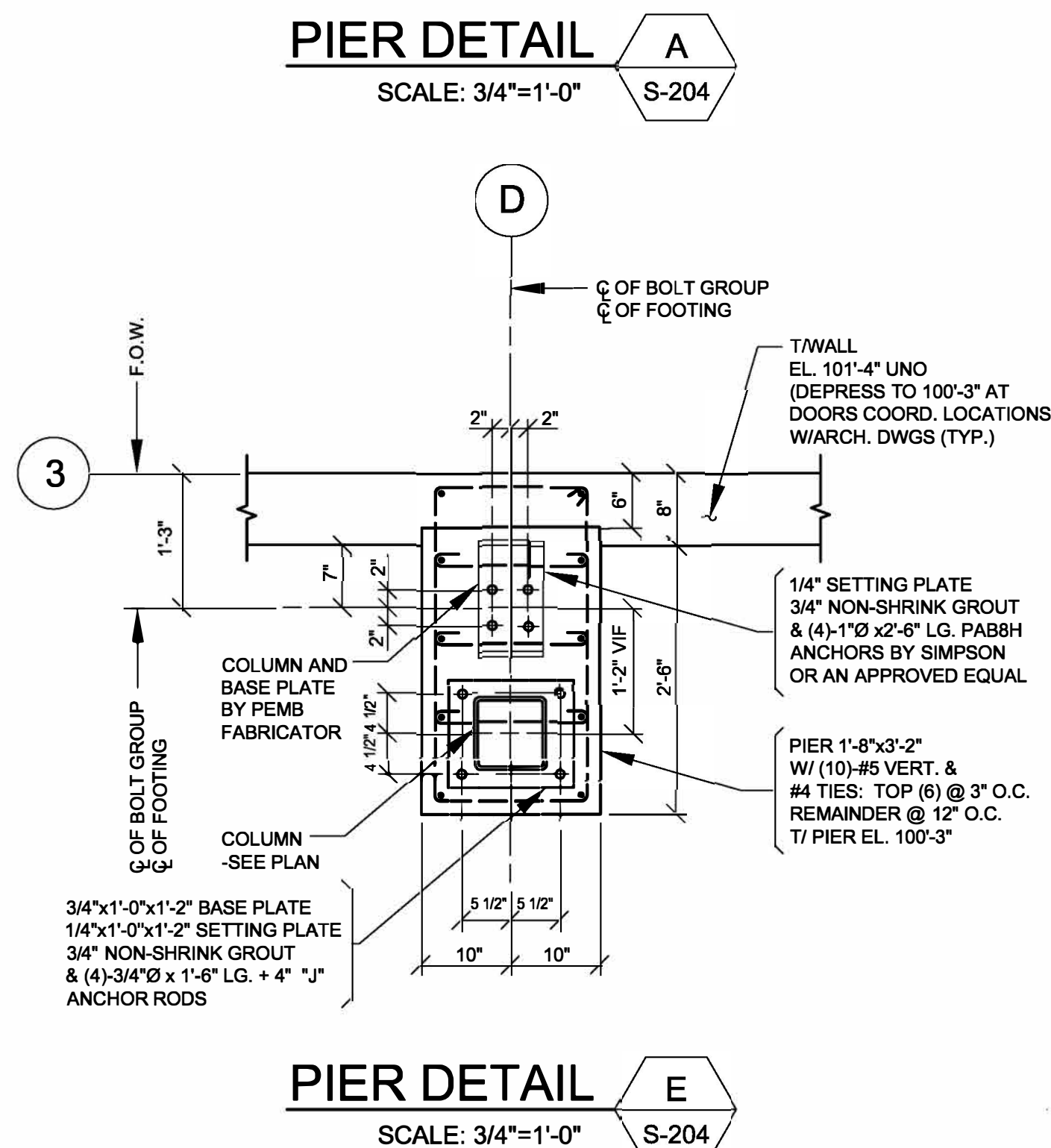
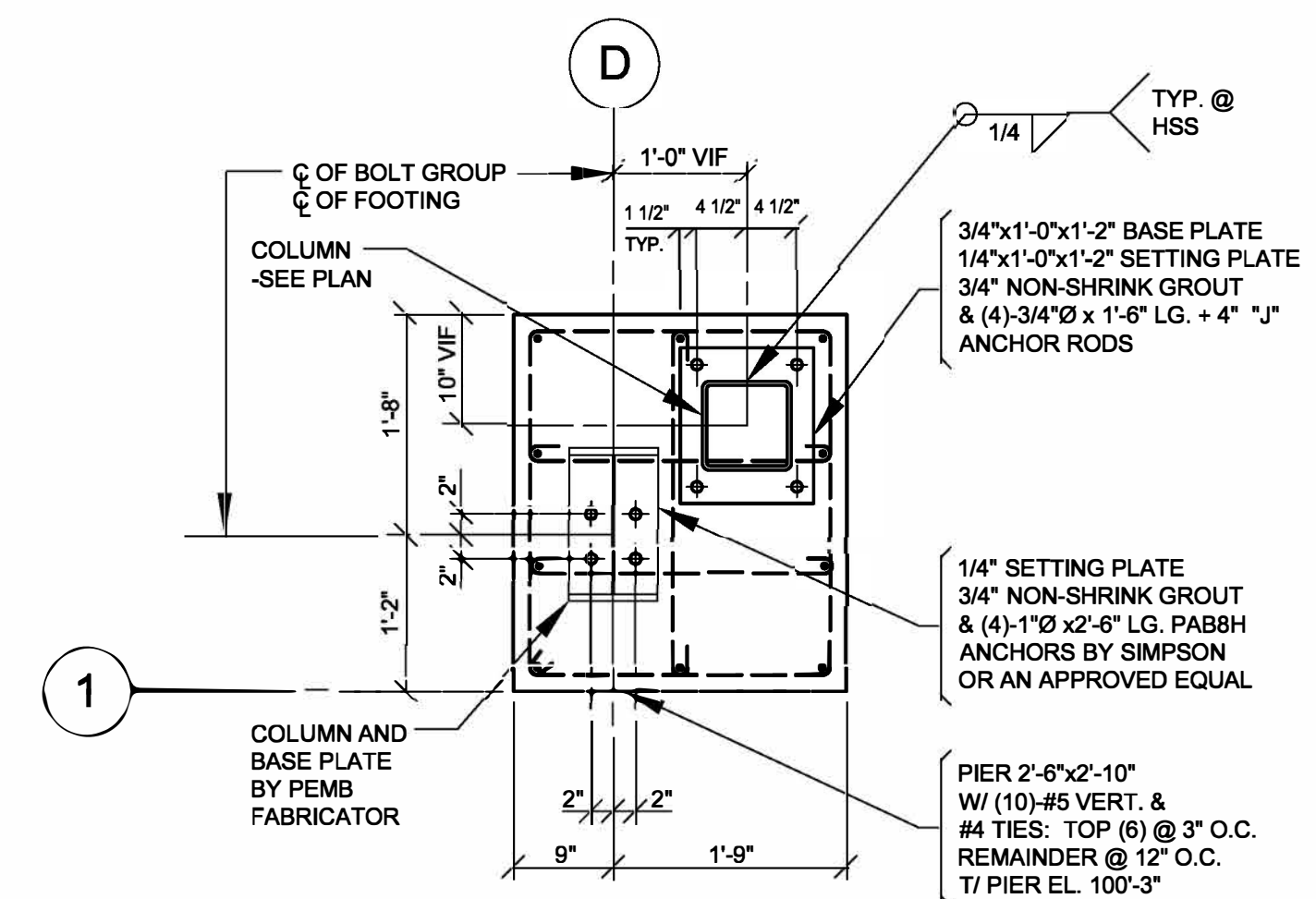
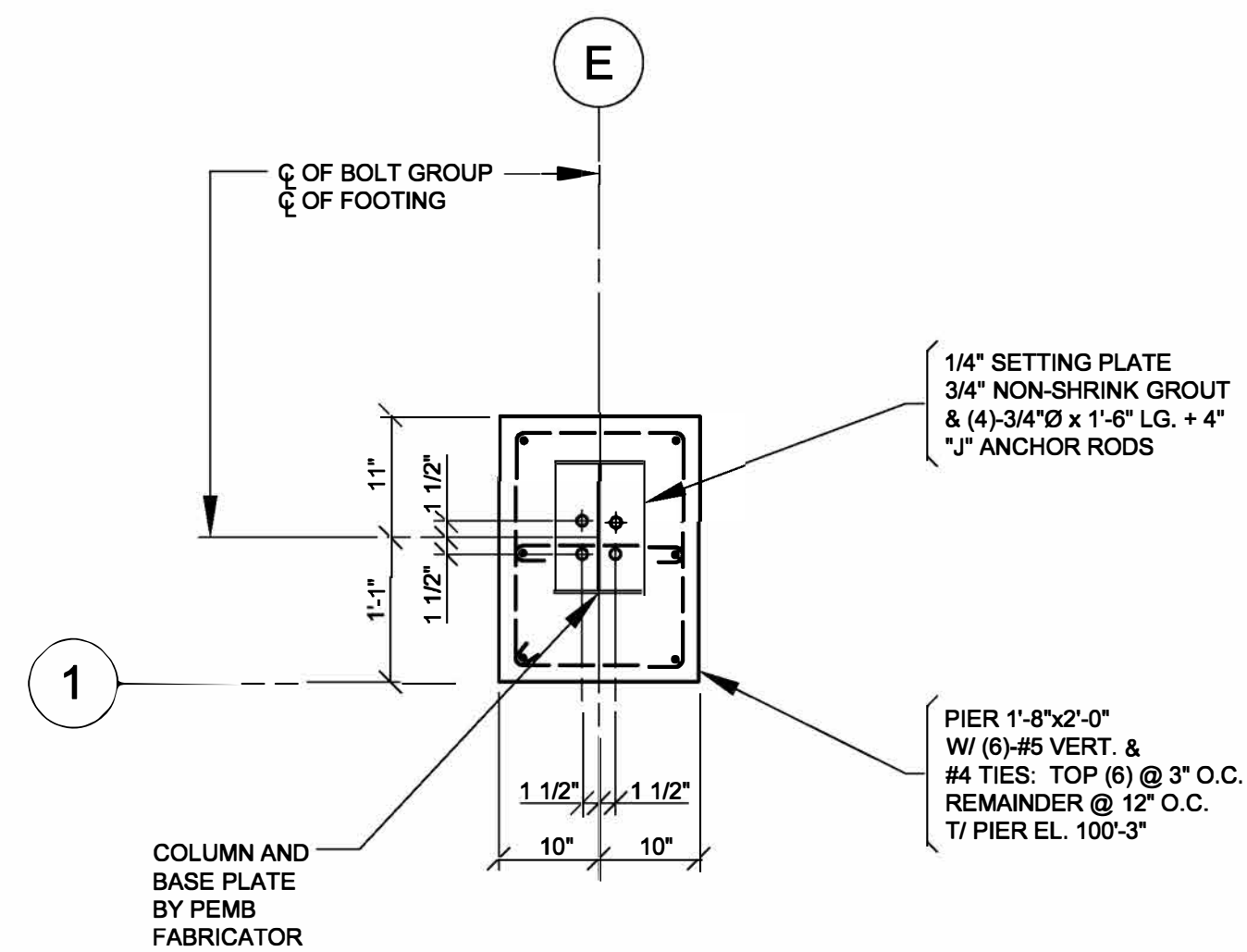
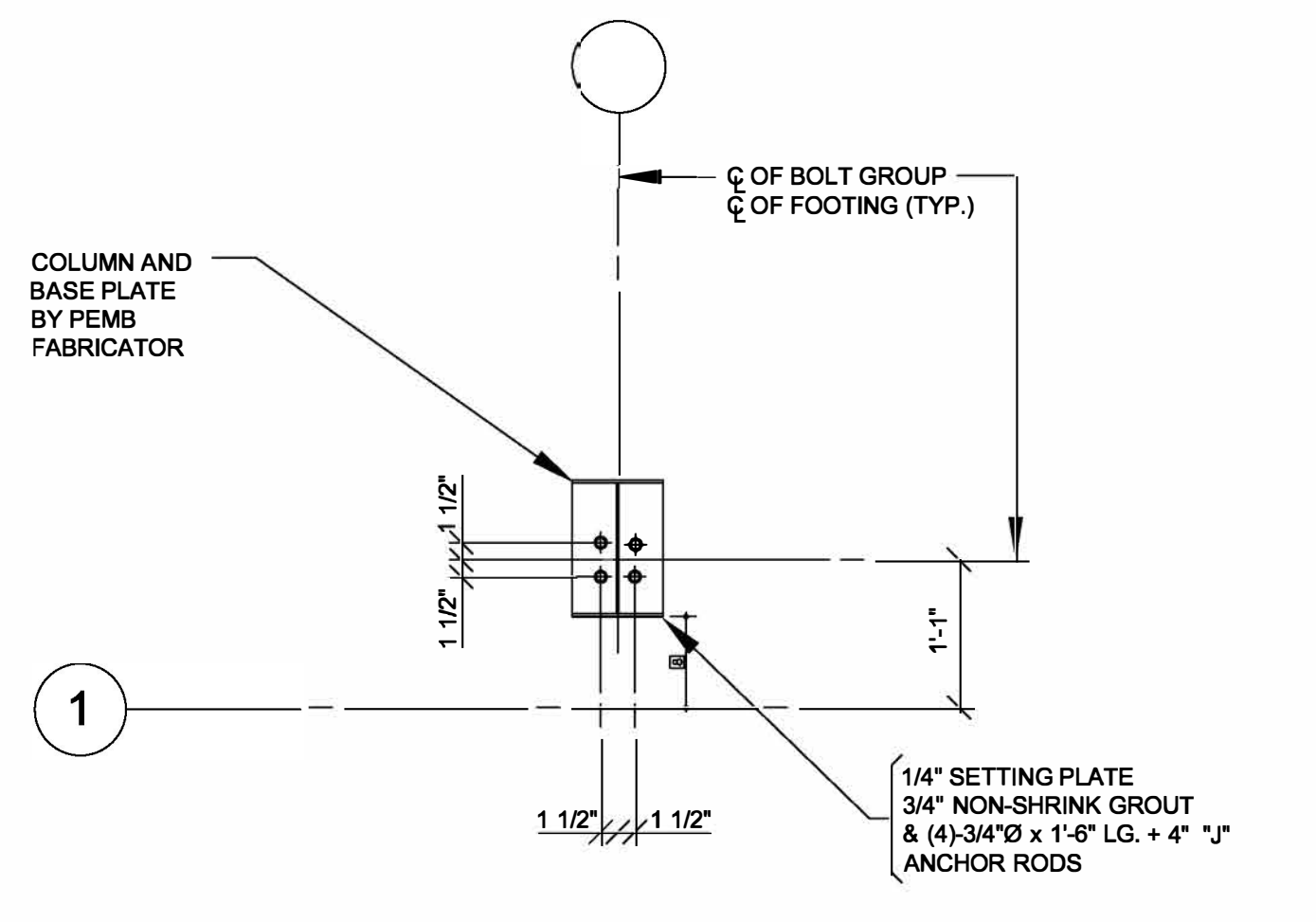
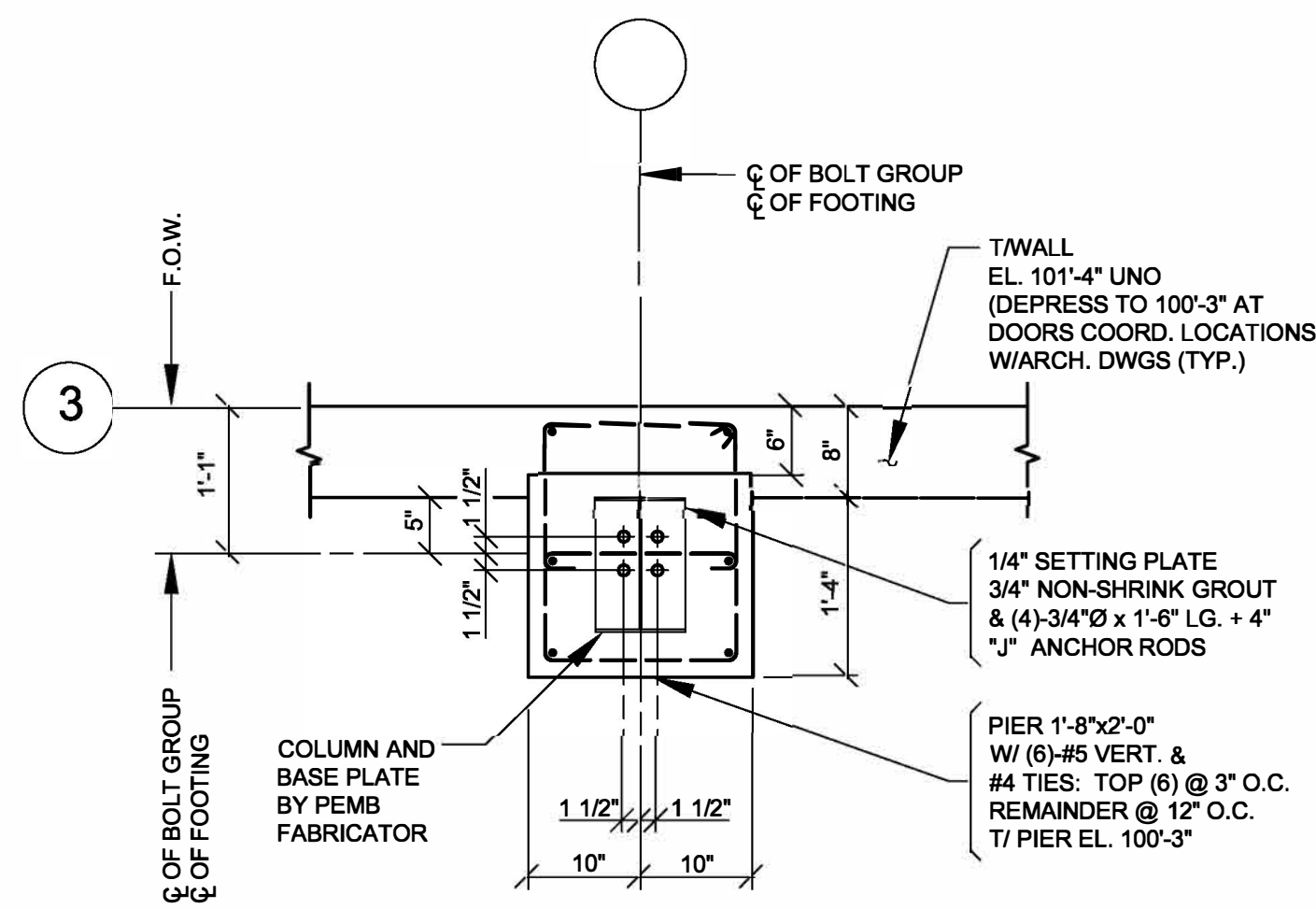


SECTION 11
SCALE: 1/2"=1'-0"

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MARK	DATE	DESCRIPTION



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A circular professional seal for Michael F. Conkle, a Registered Professional Engineer in the State of Indiana. The seal features the text "MICHAEL F. CONKLE" at the top, "REGISTERED" and "No. AR00032507" in the center, and "STATE OF INDIANA" and "REGISTERED ARCHITECT" at the bottom. The seal is stamped over a document that includes a title block with the name "MICHAEL F. CONKLE" and a signature line.

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COMMISSION: 20112
DRAWING BY: MAS
CHECKED BY: AMD

REVISIONS

MARK	DATE	DESCRIPTION
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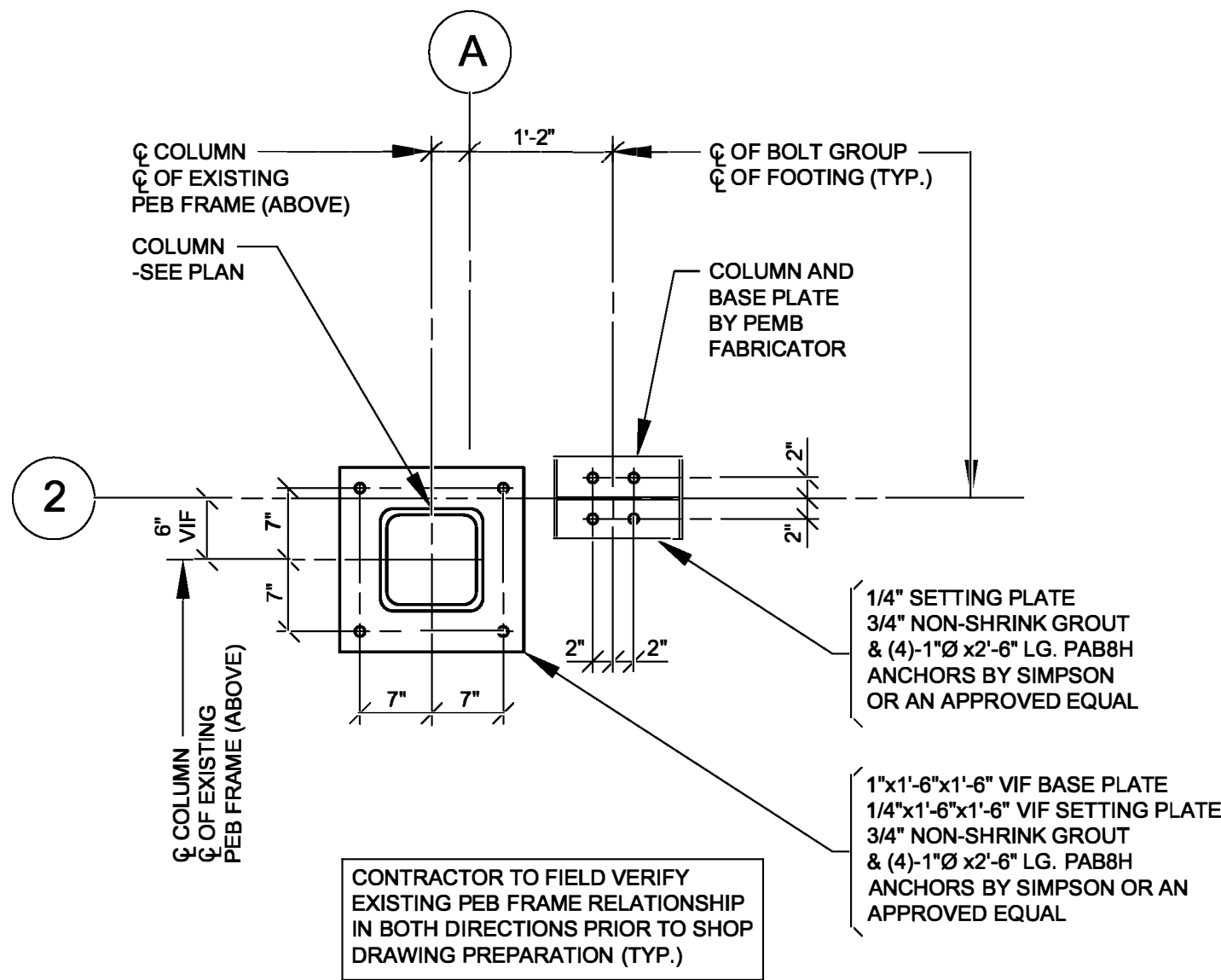
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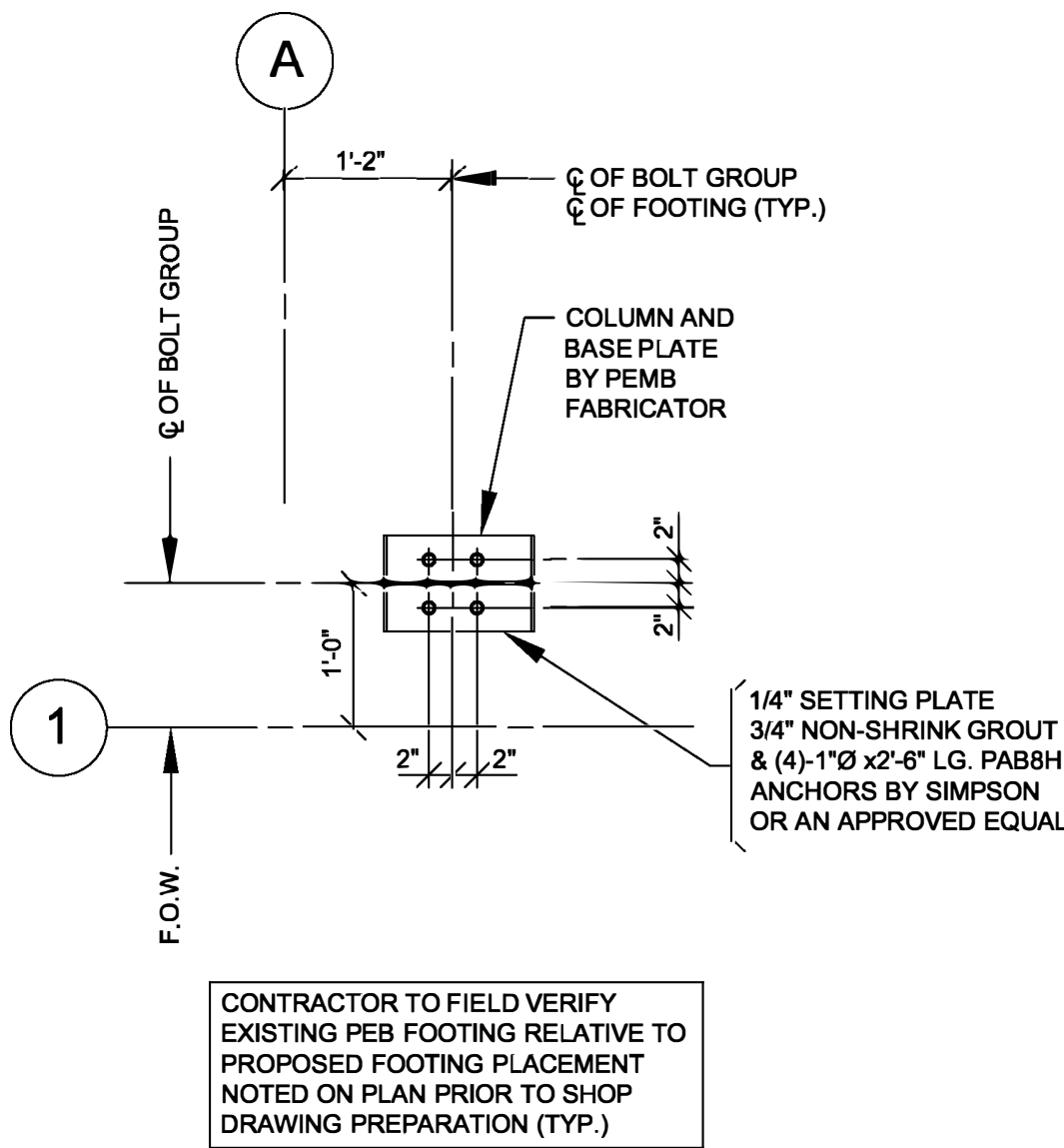
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[illegible]



SETTING DETAIL

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



SETTING DETAIL

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



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PROJECT NAME
SHELBY COUNTY
PLAYERS

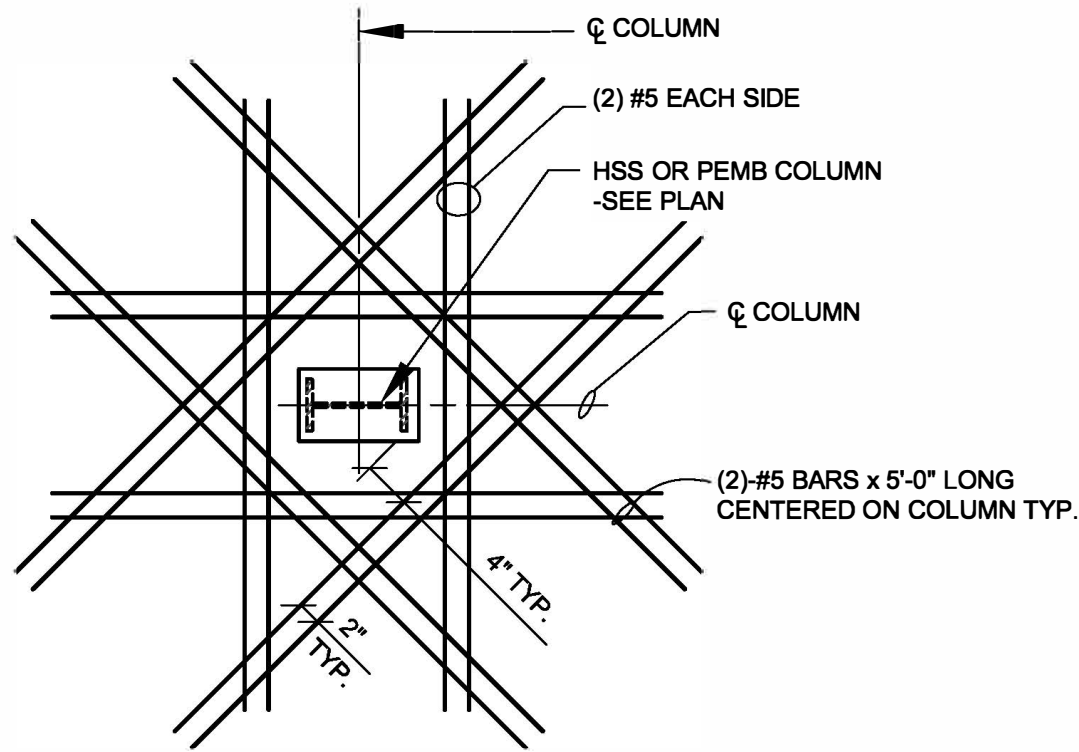
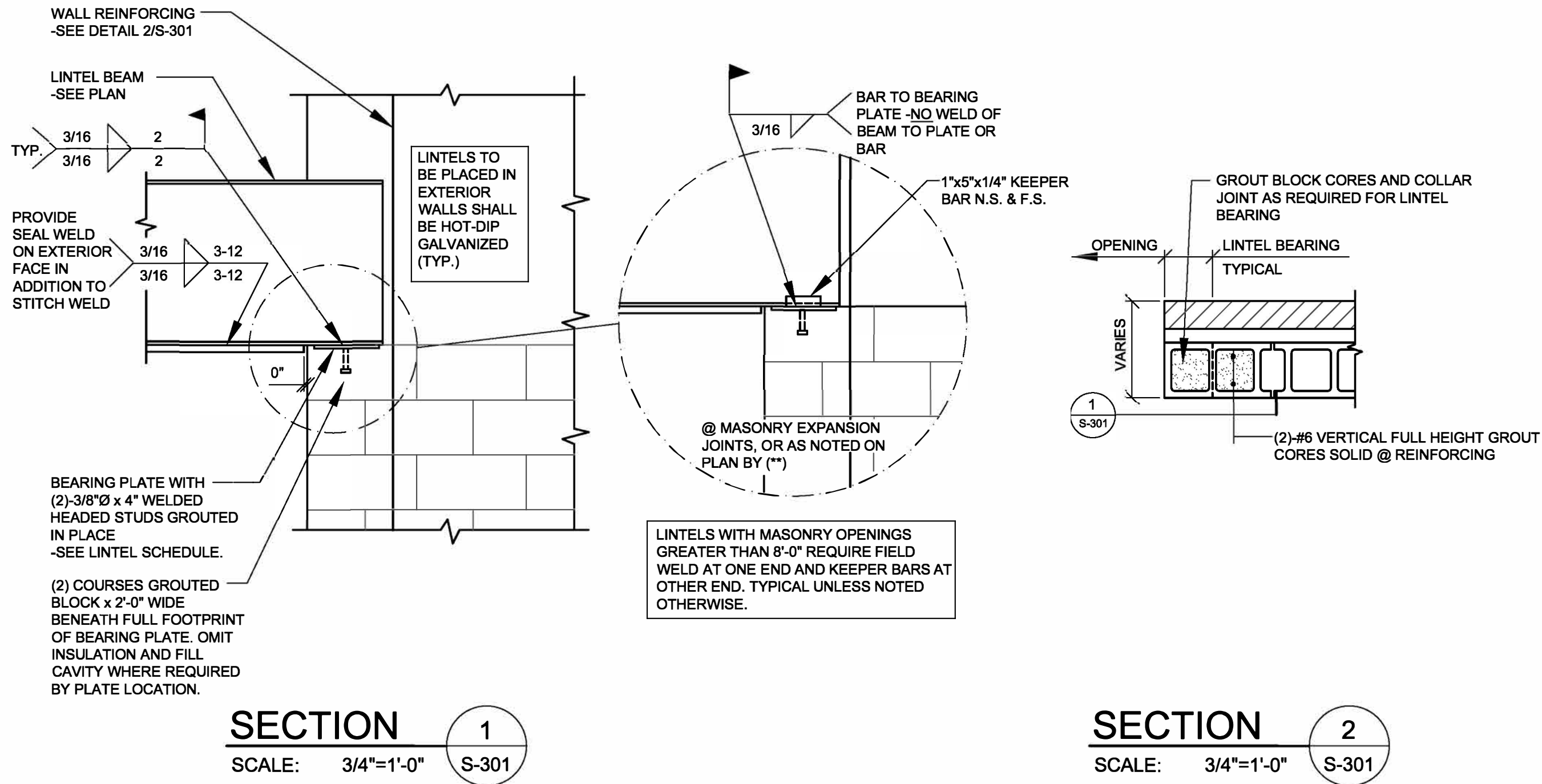
1416 MILLER AVE.
SHELBYVILLE IN 46176

SHEET TITLE

PIER
DETAILS

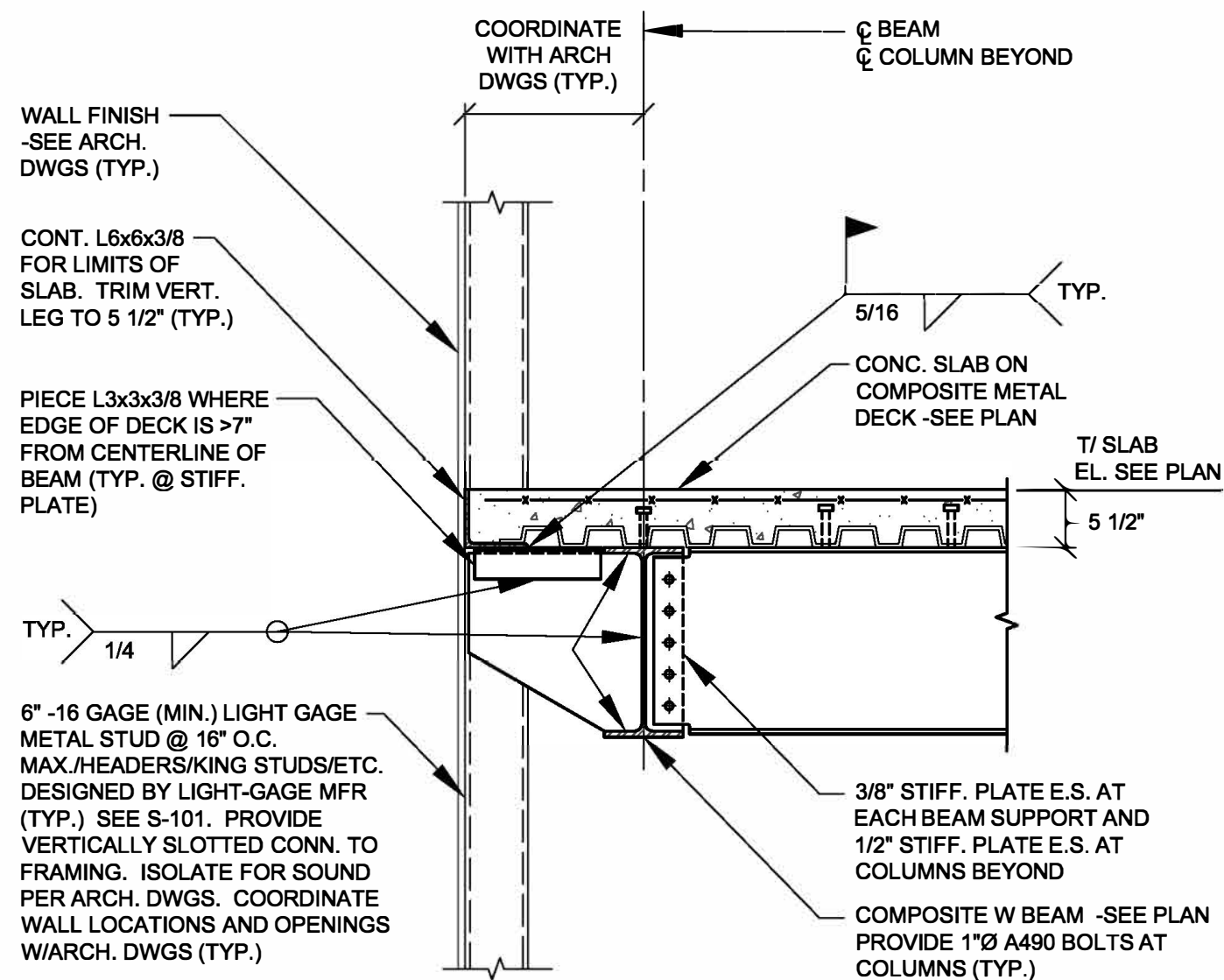
SHEET NUMBER

S-205

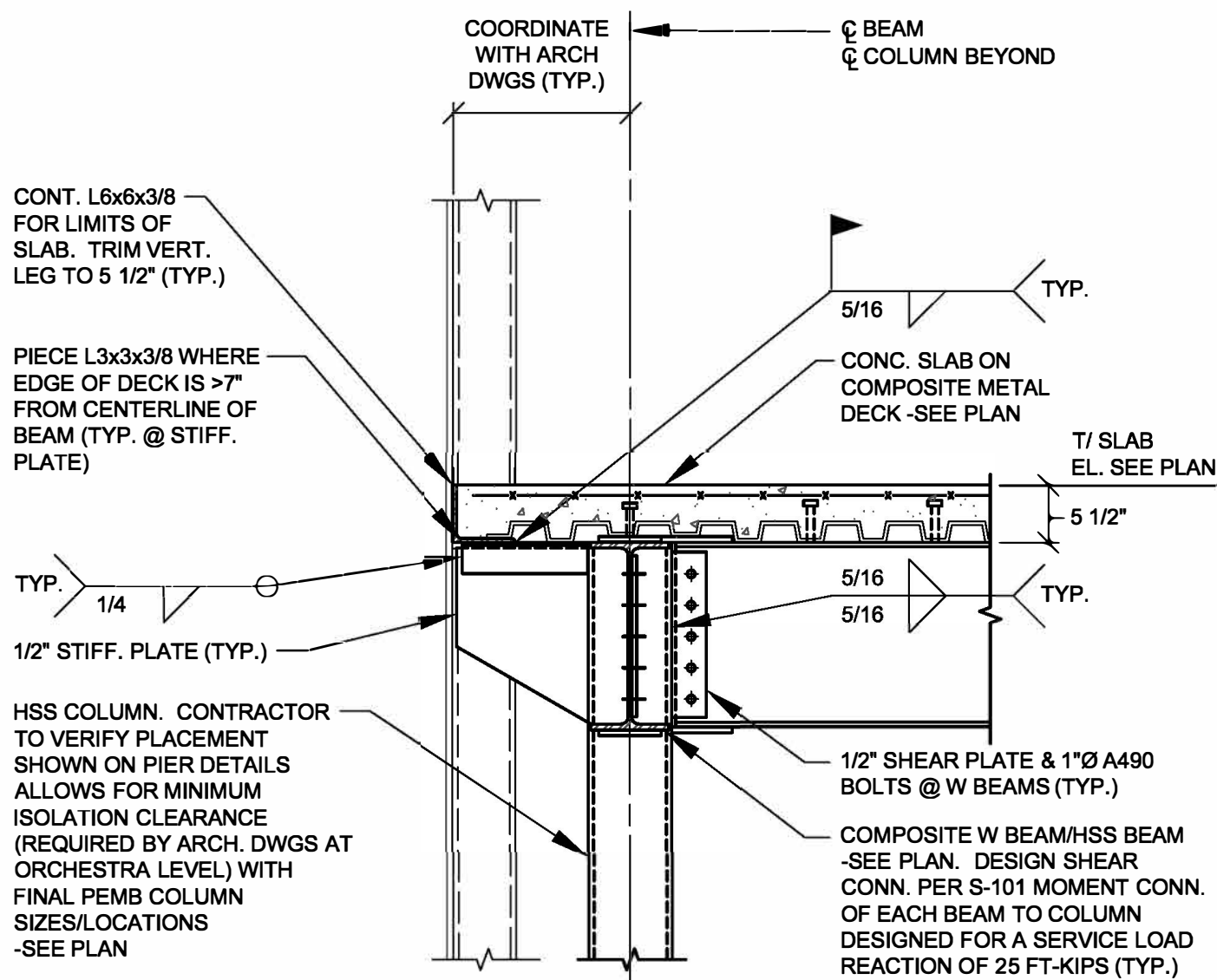


ADDITIONAL REINF. AT PENETRATIONS
THROUGH DECK D1 DETAIL

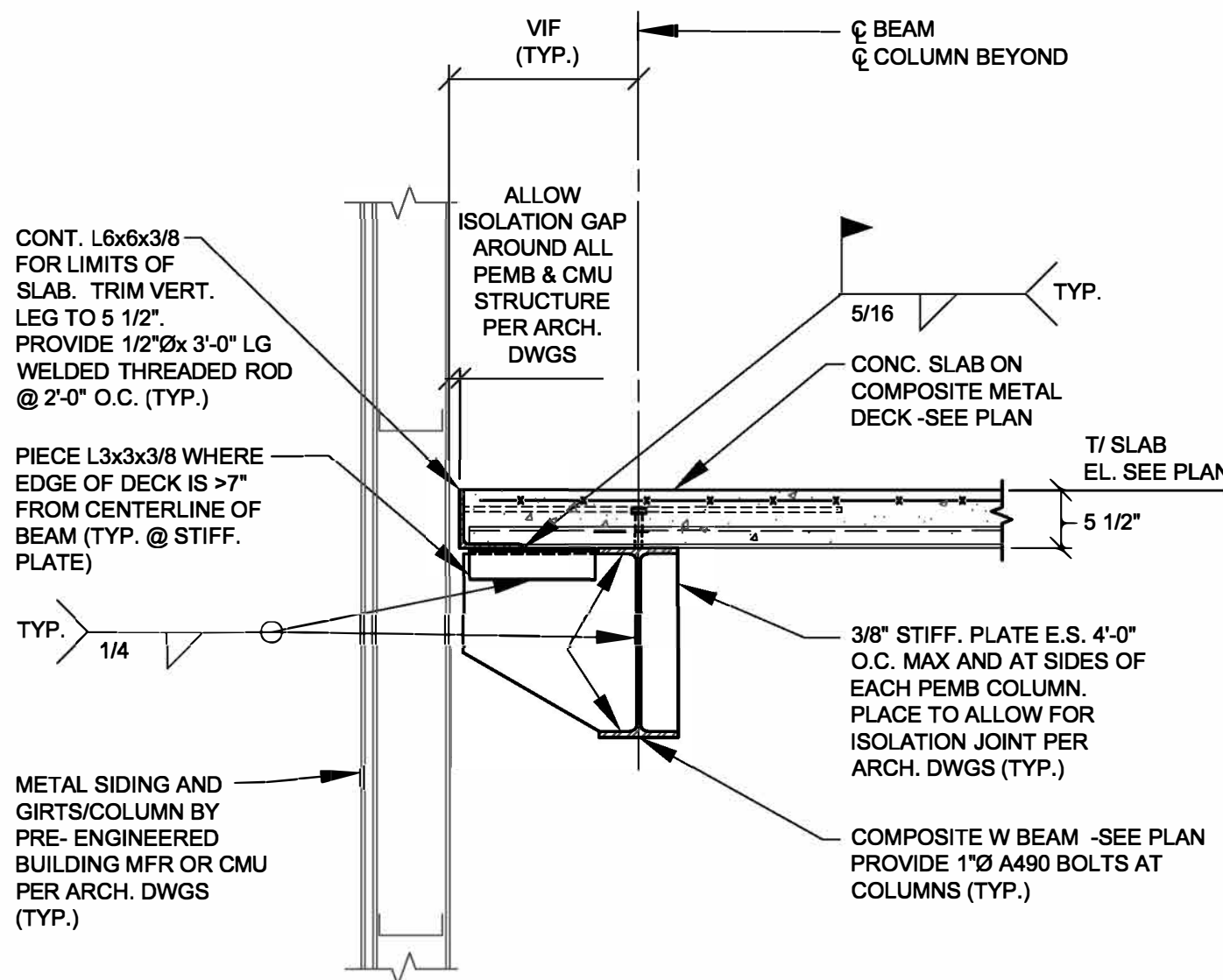
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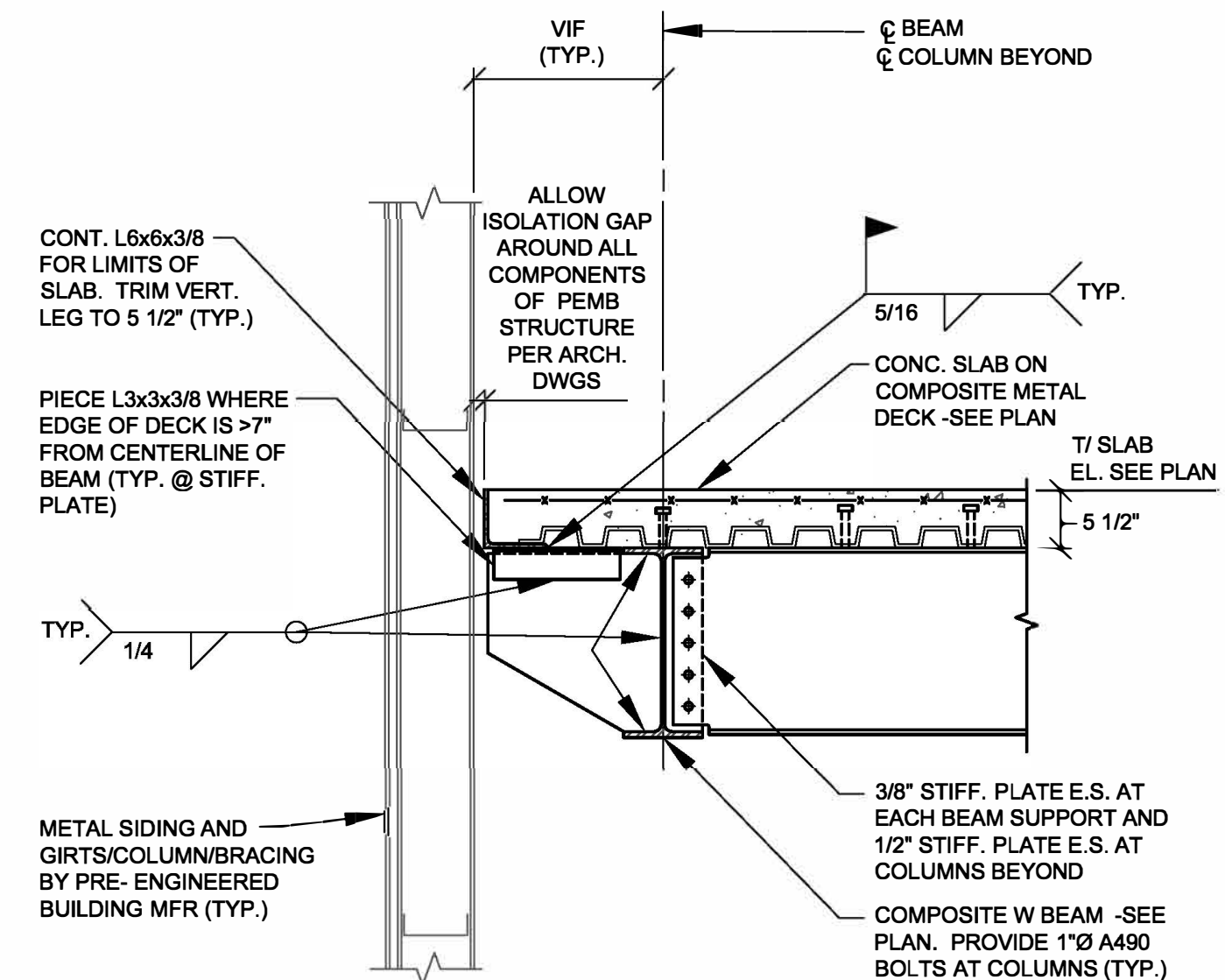
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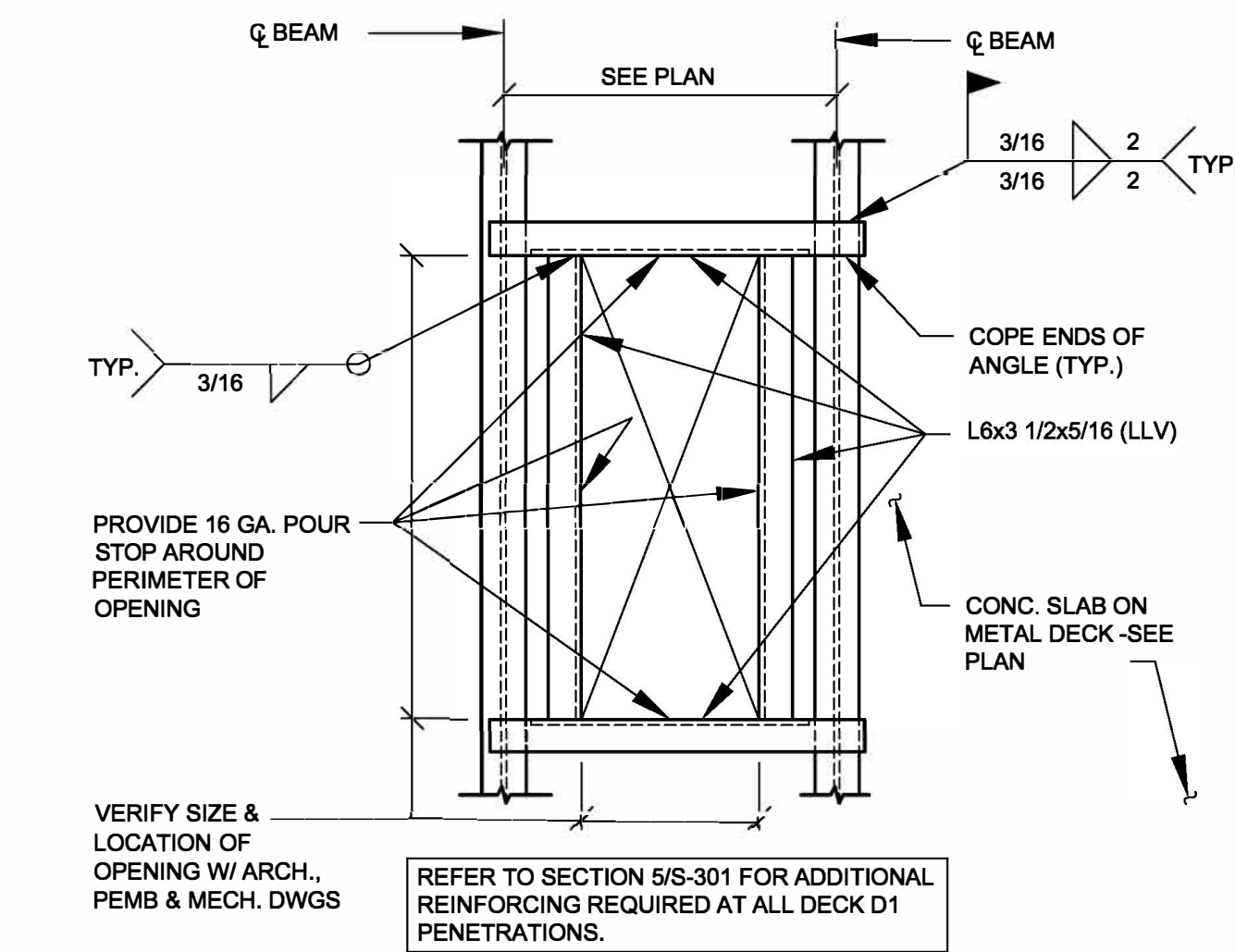
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SECTION 10
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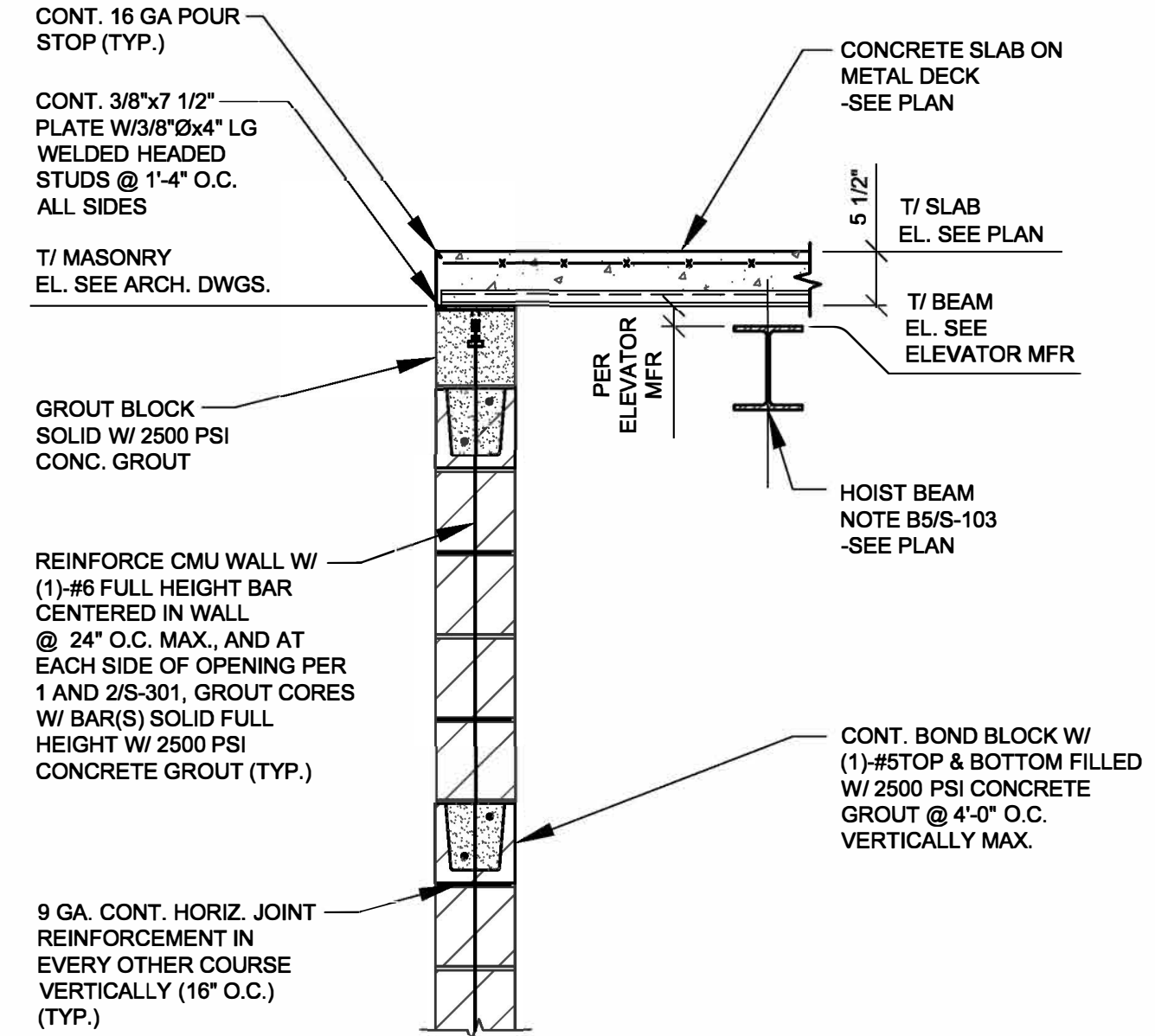


SECTION 11
SCALE: 3/4"=1'-0" S-301



TYPICAL FLOOR OPENING
FRAMING DETAIL

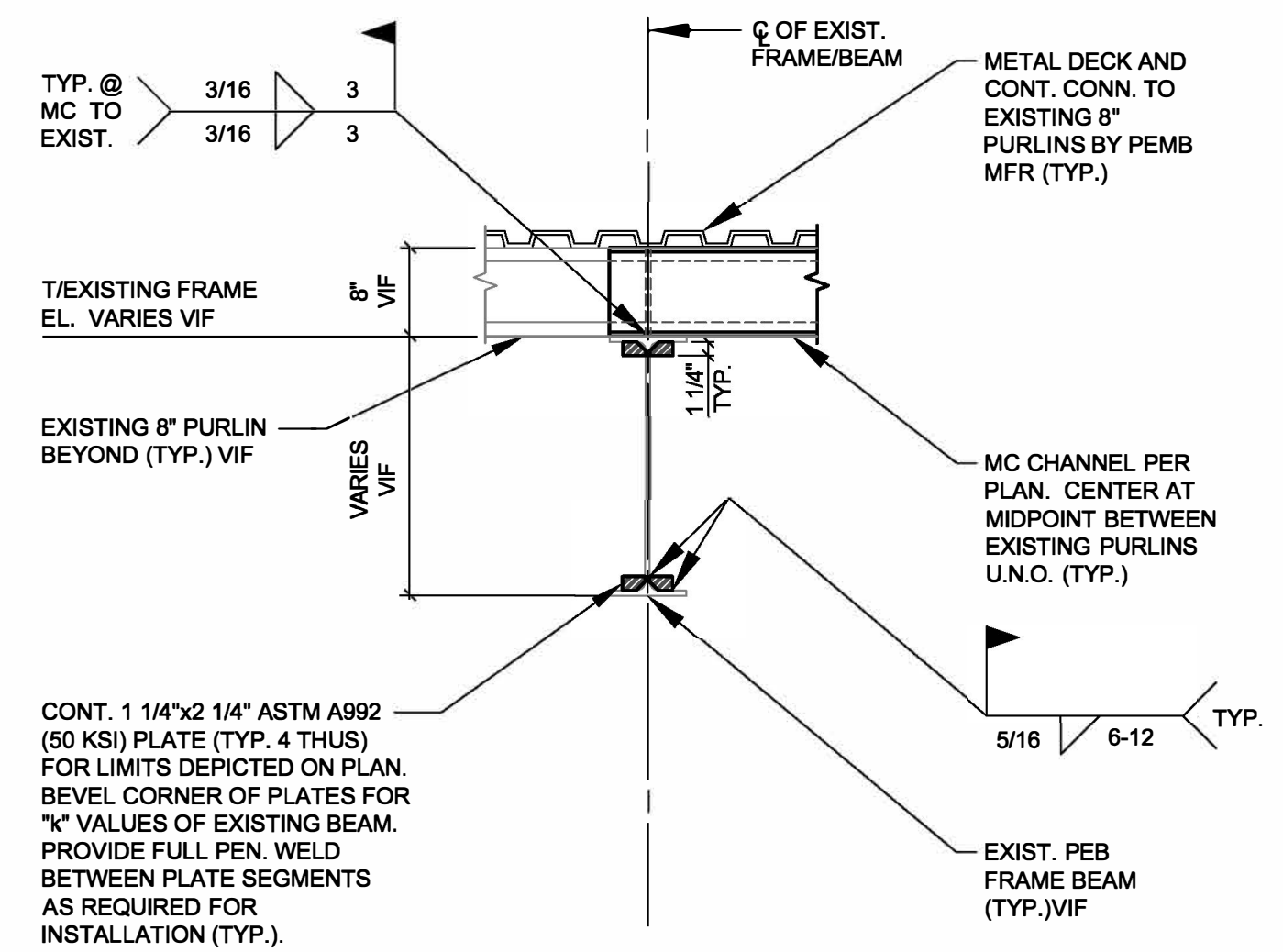
SCALE: 3/4"=1'-0" S-301



SECTION 6
SCALE: 3/4"=1'-0" S-301

TYPICAL SLAB W.W.R.
PLACEMENT DETAIL

SCALE: 3/4"=1'-0" S-301



SECTION 7
SCALE: N.T.S. S-301

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PROJECT NAME
SHELBY COUNTY
PLAYERS

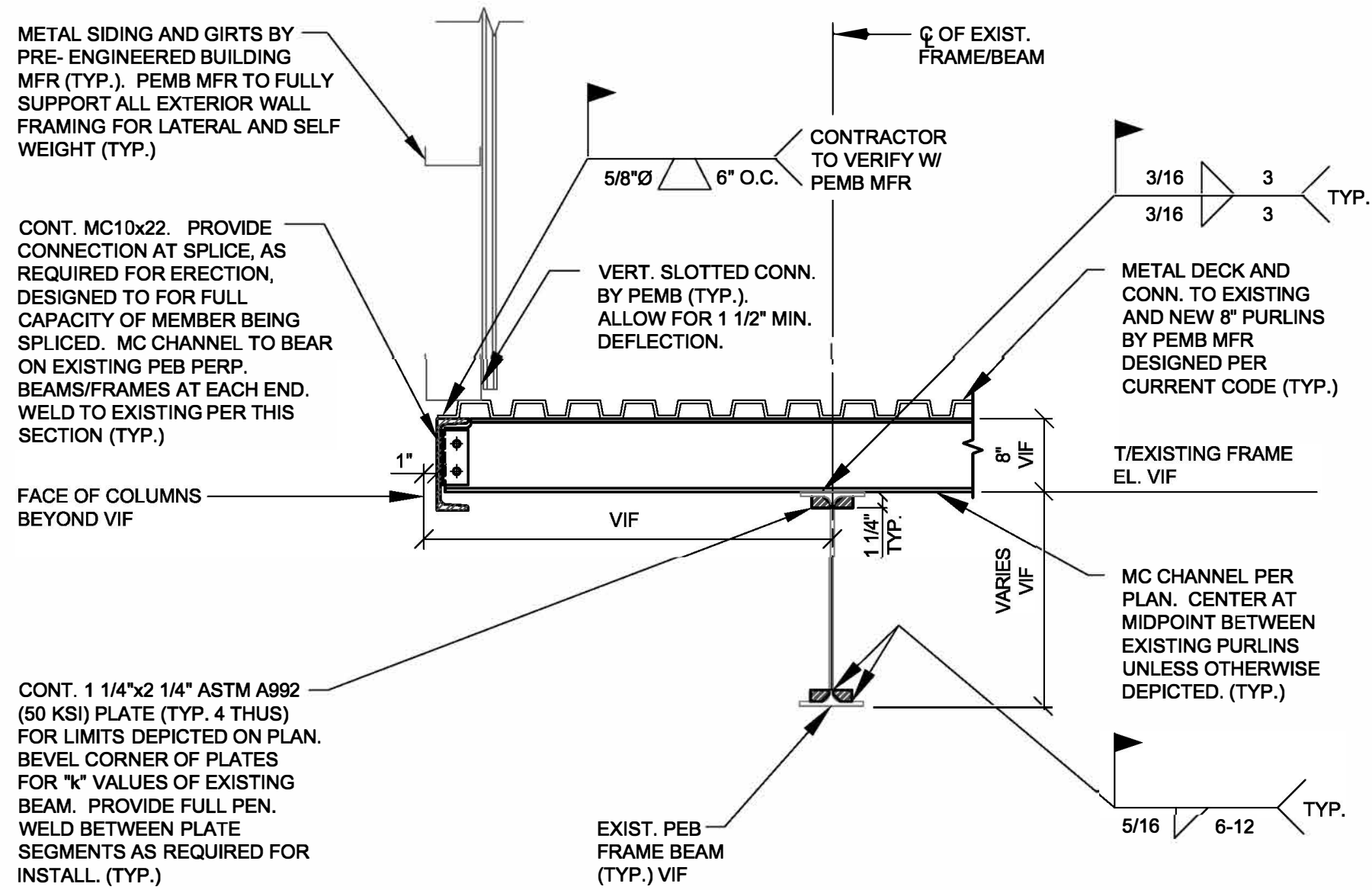
1416 MILLER AVE.
SHELBYVILLE IN 46176

SHEET TITLE

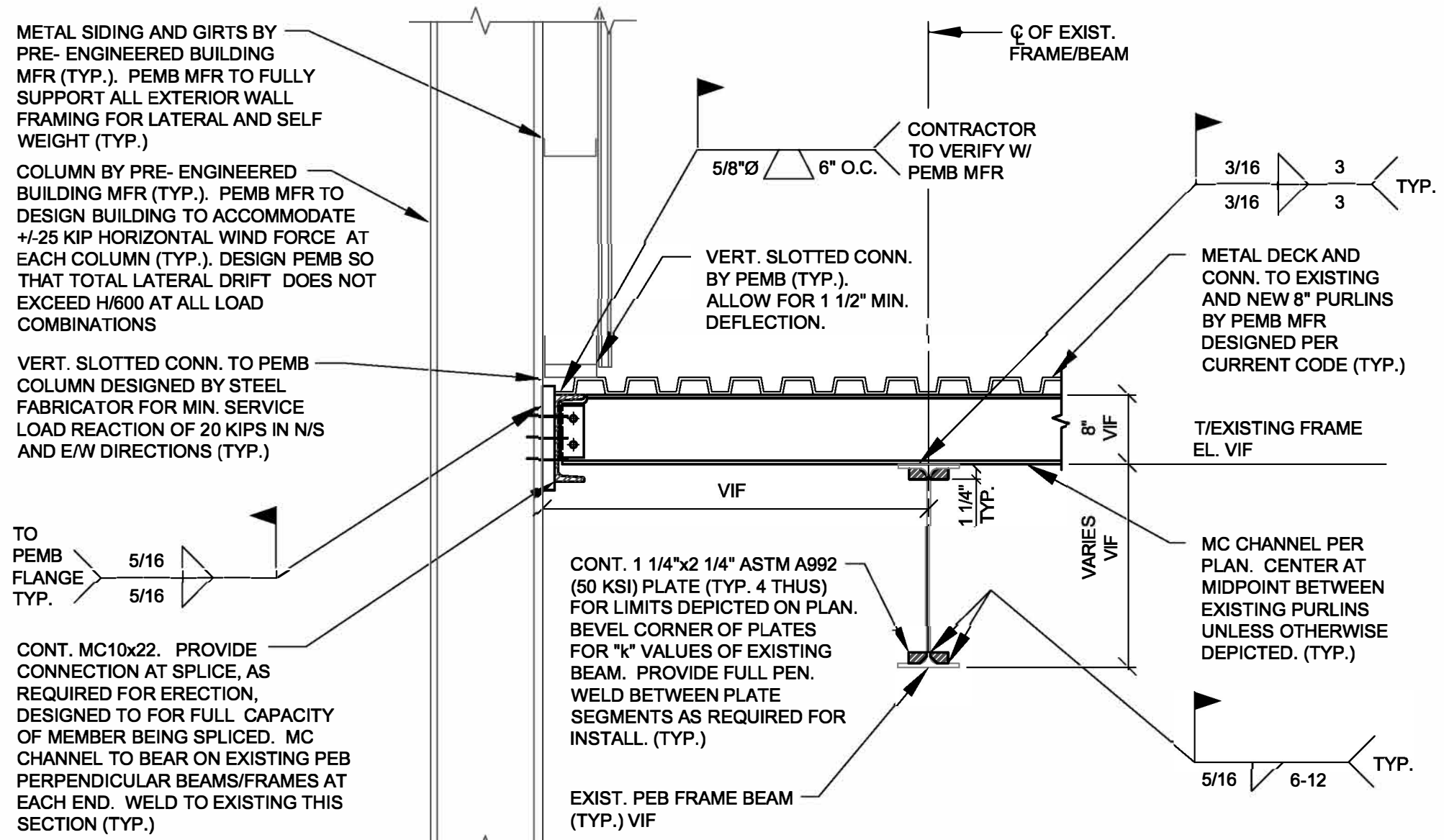
FRAMING SECTIONS
AND DETAILS

SHEET NUMBER

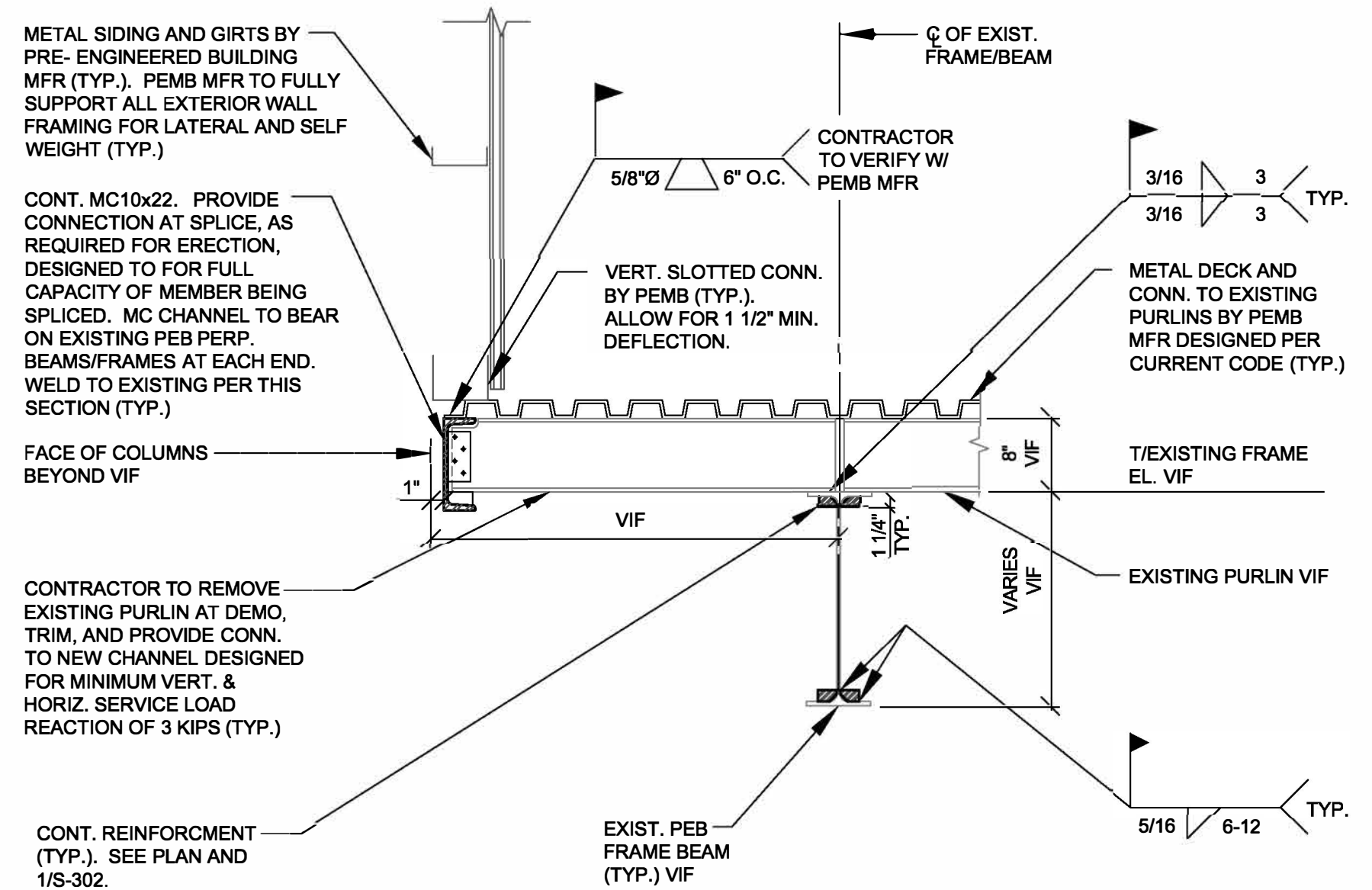
S-301



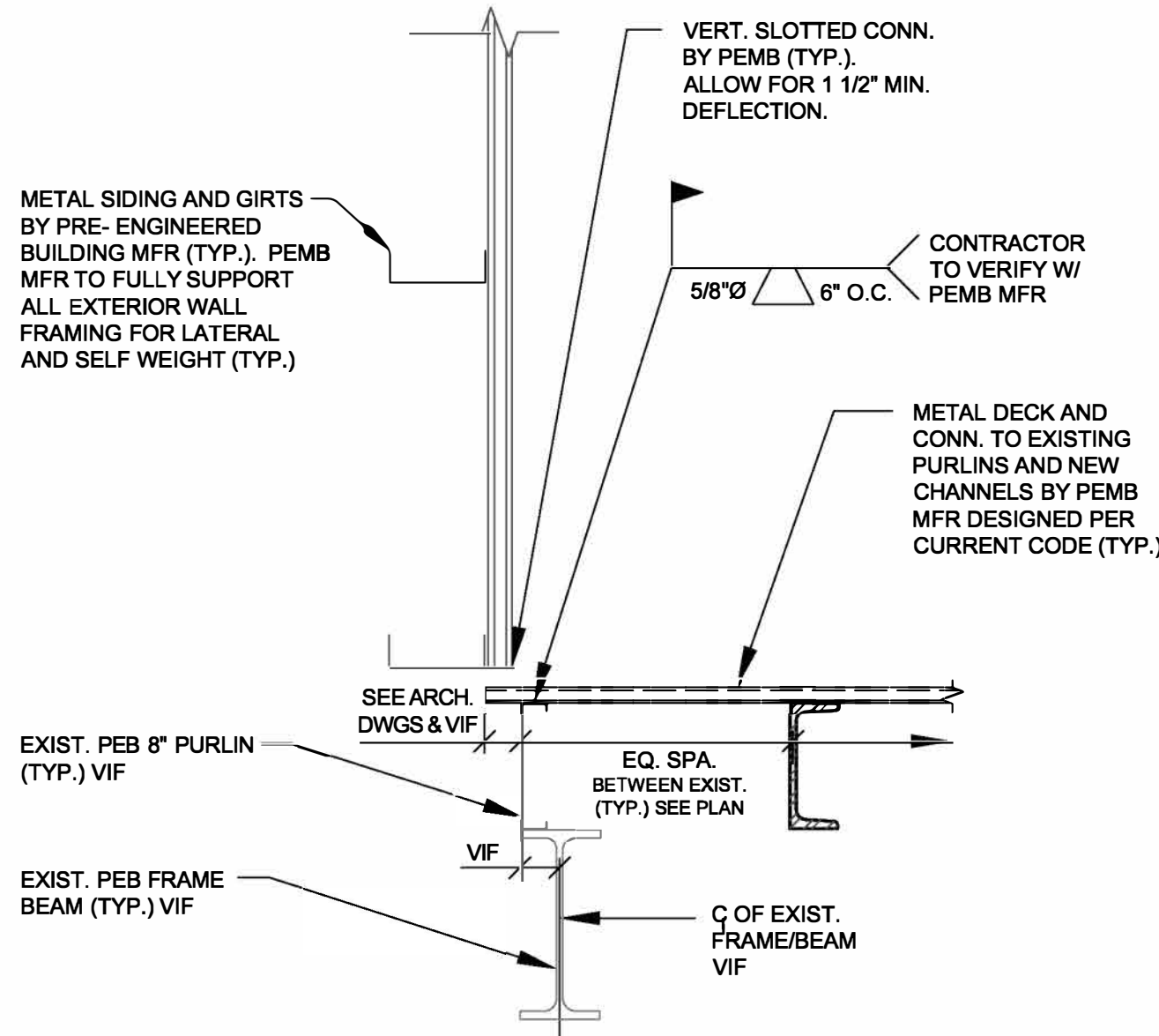
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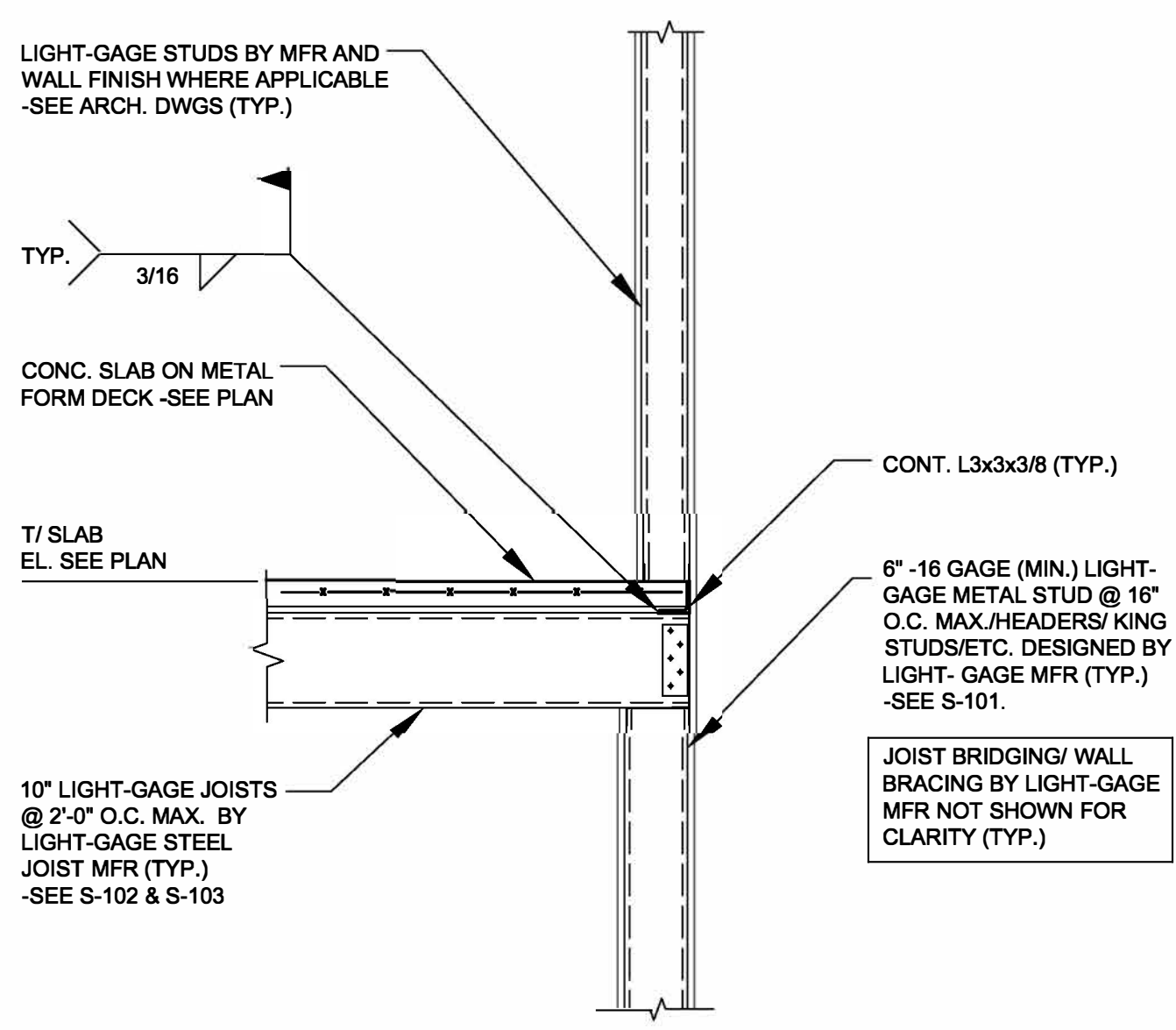
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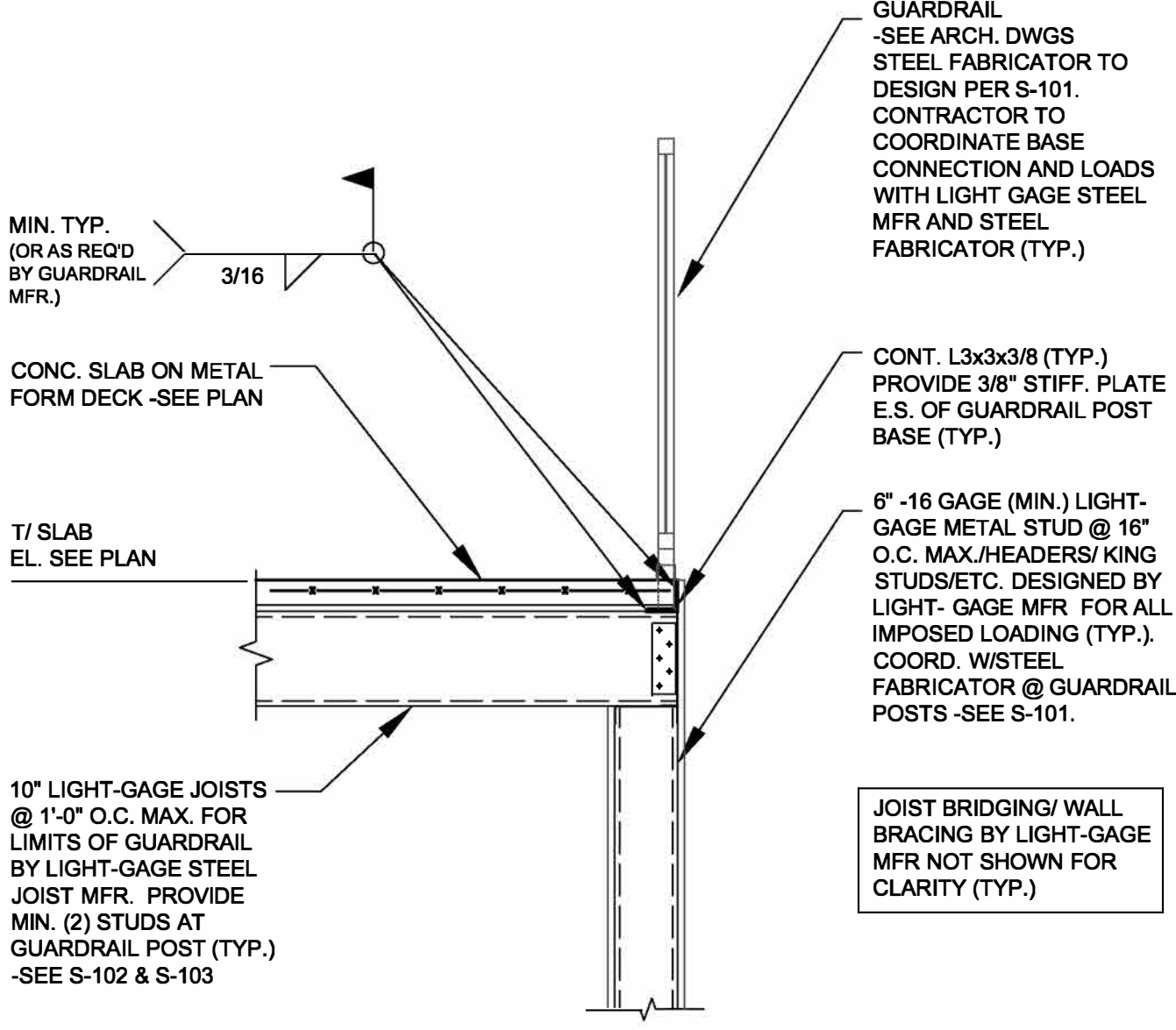
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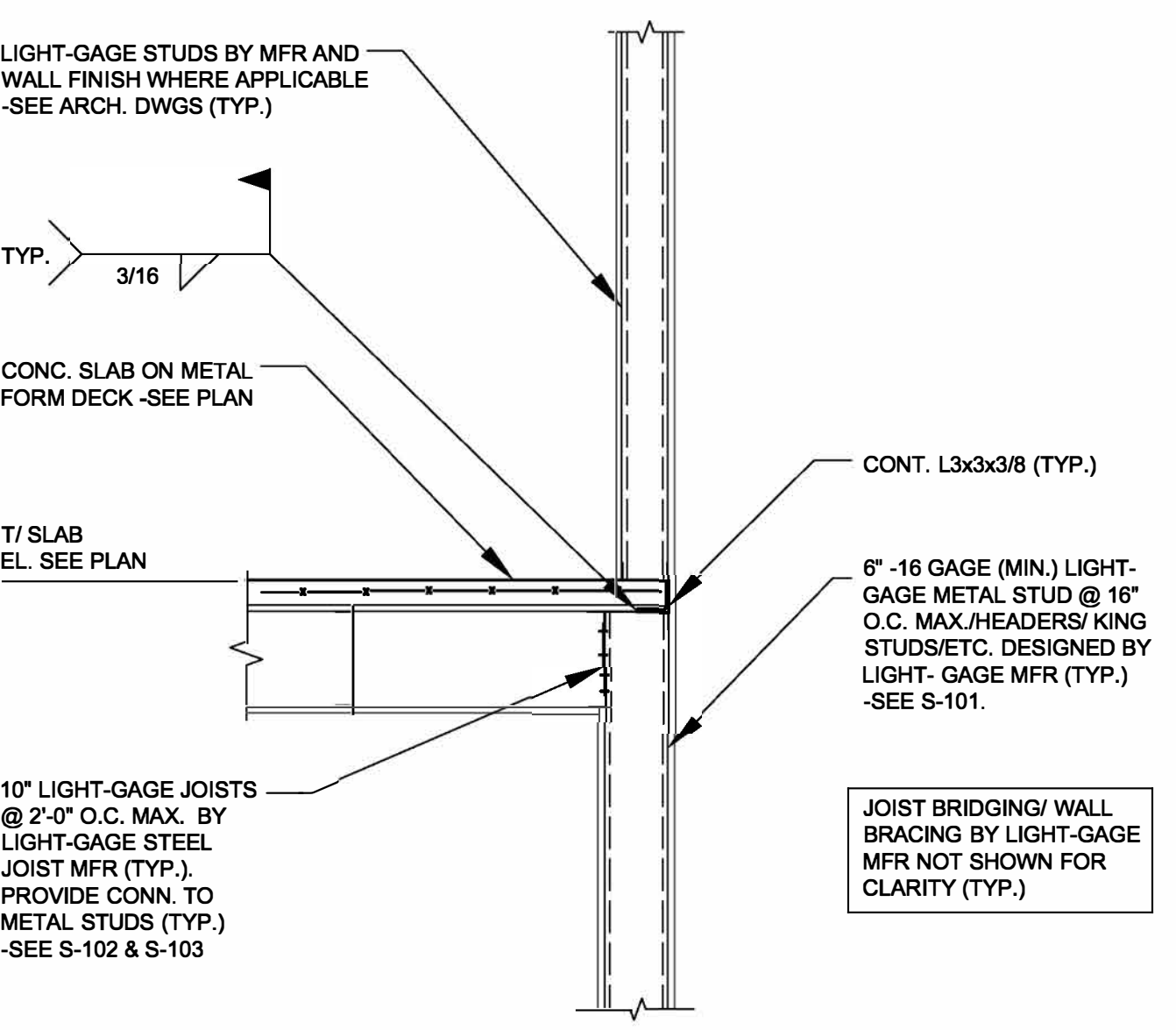
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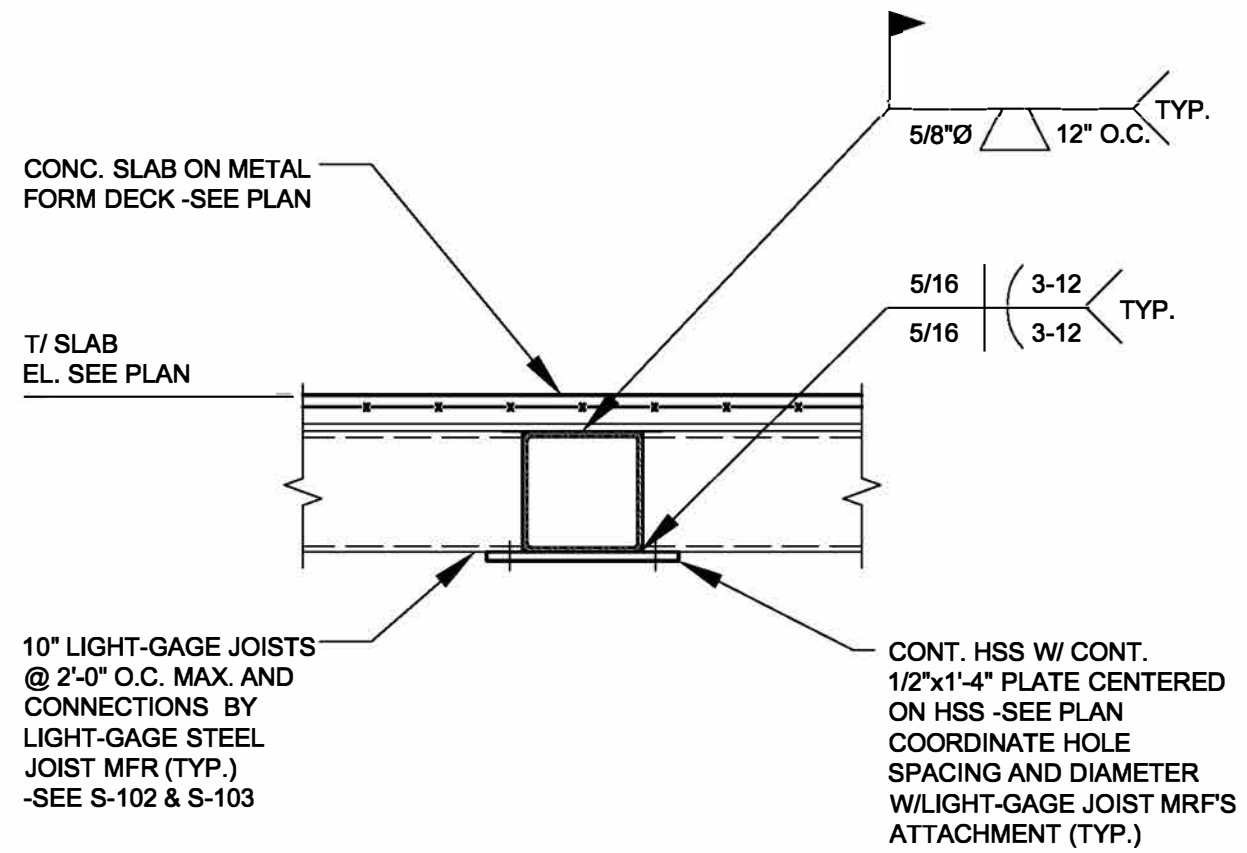
SECTION 5
SCALE: 3/4"=1'-0" S-302



SECTION 6
SCALE: 3/4"=1'-0" S-302



SECTION 7
SCALE: 3/4"=1'-0" S-302



SECTION 8
SCALE: 3/4"=1'-0" S-302

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MICHAEL F. CONN
REGISTERED
No. AR00032507
STATE OF INDIANA
REGISTERED ARCHITECT

DATE: 01/24/2023
COMMISSION: 20112
DRAWING BY: MAS
CHECKED BY: AMD

REVISIONS		
MARK	DATE	DESCRIPTION

PROJECT NAME
SHELBY COUNTY PLAYERS

1416 MILLER AVE.
SHELBYVILLE IN 46176

SHEET NUMBER

FRAMING SECTIONS AND DETAILS

S-302

DEMOLITION KEY NOTES: (-)

1. REMOVE CARPET
2. REMOVE VOT FLOORING
3. DEMO EXISTING CEILING PANELS. (TYP.)
4. OWNER AND CONTRACTOR TO COORDINATE REMOVAL OF EXISTING FURNITURE, PROPS, AND MISCELLANEOUS COSTUMES.
5. DEMO EXTERIOR WALL, FULL HEIGHT. SEE FOUNDATION FOR WORK BELOW FINISHED FLOOR.
6. REMOVE EXISTING WIND COLUMNS EX-F/EX-2 THRU EX-A/EX-2 GRIND BOLTS DOWN TO F.F. SEE FOUNDATION AND STRUCTURAL FOR NEW WORK.
7. EXISTING COLUMN LINE EX-3 TO REMAIN.
8. DEMO EXISTING CMU FACADE AT MAIN ENTRANCE.
9. DEMO EXISTING LANDSCAPING ALONG MAIN ENTRANCE AND PREP FOR NEW SIDEWALK, STAIRS AND RAMP.
10. REMOVE ALL PLUMBING FIXTURES. SEE PLUMBING DRAWINGS.

11. DEMO EXISTING HVAC AND ALL ASSOCIATED DUCTS, AIR UNITS, DIFFUSERS. SEE MEP DRAWINGS FOR EXISTING EQUIPMENT TO REMAIN.
12. DEMO EXISTING RAMP AND RAILING TO GRADE.
13. DEMO EXISTING VESTIBULE AND DOORS.
14. BRACE EXISTING ROOF STRUCTURE TO REMAIN, AND PREP FOR ERECTION OF NEW BUILDING STRUCTURE. SEE ROOF DEMO PLAN FOR EXTENTS
15. EXISTING HOSE BIB SEE MEP DRAWINGS.
16. DEMO EXISTING CANOPY.
17. DEMO EXISTING STAIRS AND STOOP. PREP FOR NEW ENTRANCE, SIDEWALK AND RAMP.
18. DEMO WALL AROUND EXISTING ELECTRICAL PANELS. SEE MEP DRAWINGS.
19. AREAS OF FLOOR DEMO SEE STRUCTURAL DRAWINGS.
20. SEE ELECTRICAL PLANS FOR ANY EXISTING LIGHTING AND/OR ELECTRICAL TO REMAIN OR RELOCATE

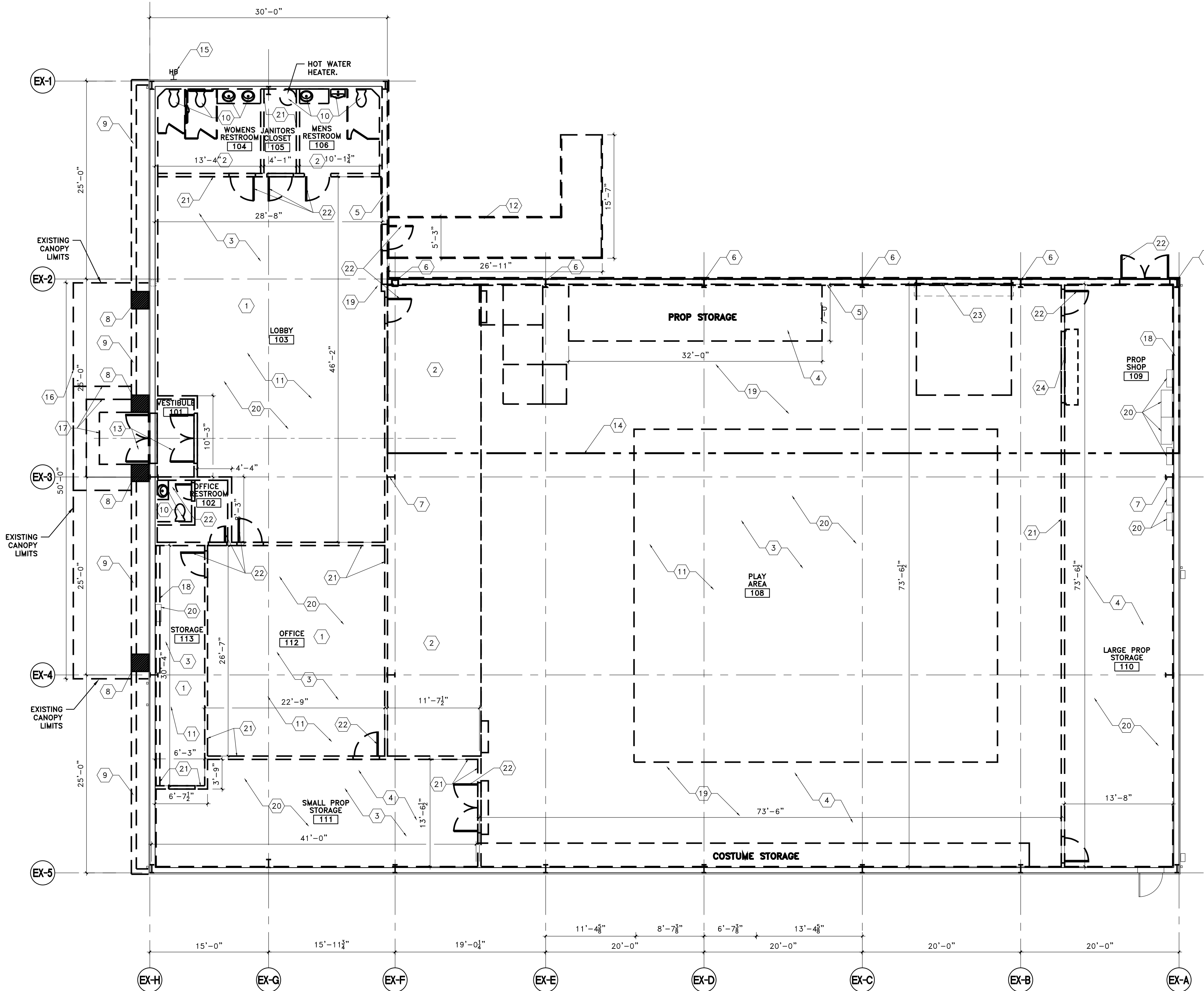
21. DEMO INTERIOR WALL FULL HEIGHT.
22. DEMO DOOR.
23. REMOVE AND RETAIN OVERHEAD DOOR FOR REUSE
24. DEMO OVERHEAD COIL DOOR.
25. EXTERIOR DOOR TO REMAIN.

GENERAL DEMOLITION NOTES:

- A. REFER TO CIVIL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
B. REFER TO ENLARGED FLOOR PLANS FOR ADDITIONAL INFORMATION.
C. DO NOT SCALE DRAWINGS.
D. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IN THE DRAWINGS AS SOON AS THEY ARE DISCOVERED.
E. IT IS THE PURPOSE AND INTENT OF THESE DRAWINGS THAT A FULLY COMPLETE JOB BE ACCOMPLISHED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INCLUDE COSTS TO PROVIDE LABOR AND MATERIALS FOR THAT PORTION OF THE WORK BID UPON, INCLUDING INCIDENTALS, WHETHER OR NOT SPECIFICALLY CALLED FOR IN THE DRAWINGS AND SPECIFICATIONS.
F. THE ARCHITECT MAY AT HIS DISCRETION ISSUE ADDITIONAL DRAWINGS OR INSTRUCTIONS INDICATING A GREATER DETAIL AND CLARITY OF THE WORK, AND IF REASONABLY CONSISTENT WITH THE PREVIOUSLY ISSUED DOCUMENTS, THE CONTRACTOR SHALL PERFORM THIS WORK WITHOUT ADDITIONAL COST OR EXTENSION OF CONTRACT TIME.
G. CONTRACTOR TO PROVIDE DUST BARRIERS TO PREVENT DUST AND DEBRIS FROM ENTERING ADJACENT OCCUPIED SPACES. CONTRACTOR ALSO TO PROVIDE MECHANICAL DUST PROTECTION WHILE MAINTAINING AIR FLOW TO THE INLET OF BUILDING EXHAUST FANS.
H. NO MATERIAL IS TO BE STAGED OR STORED IN CORRIDORS. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EXISTING PATHS OF EGRESS TO EXISTING EXIT.
I. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL, STORAGE, AND REINSTALLATION OF ALL EXISTING EQUIPMENT, FURNISHINGS, STORED BUILDING MATERIALS, ETC. AS REQUIRED TO ACCESS AREAS OF WORK.

CONSTRUCTION DEBRIS NOTES:

1. CONSTRUCTION DEBRIS MUST BE CONTAINED WITHIN THE BOUNDARY AREA AT ALL TIMES.
2. CONSTRUCTION DEBRIS MUST BE MONITORED AND SECURED AT ALL TIMES
3. DUMPING OF DEMOLITION OR CONSTRUCTION LIQUIDS IS PROHIBITED IN EXISTING PLUMBING FIXTURES UNLESS DIRECTED OTHERWISE BY OWNER.
4. CONSTRUCTION DEBRIS MUST NOT BE STORED OR STOCK PILED ON THE EXISTING ROOF.



DEMOLITION FLOOR PLAN

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



DEMOLITION LEGEND:

- HB HOSE BIB
--- FULL HEIGHT WALL REMOVAL
--- DOOR REMOVAL
□ ELECTRICAL PANEL



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9880 WESTPOINT DRIVE, SUITE 400
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WWW.ARCHITURACORP.COM



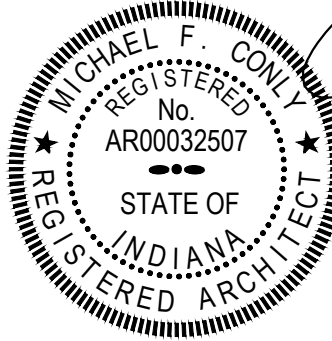
COMPLETE DESIGN/BUILD SERVICES

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REVISIONS

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PROJECT NAME

SHELBY COUNTY PLAYERS

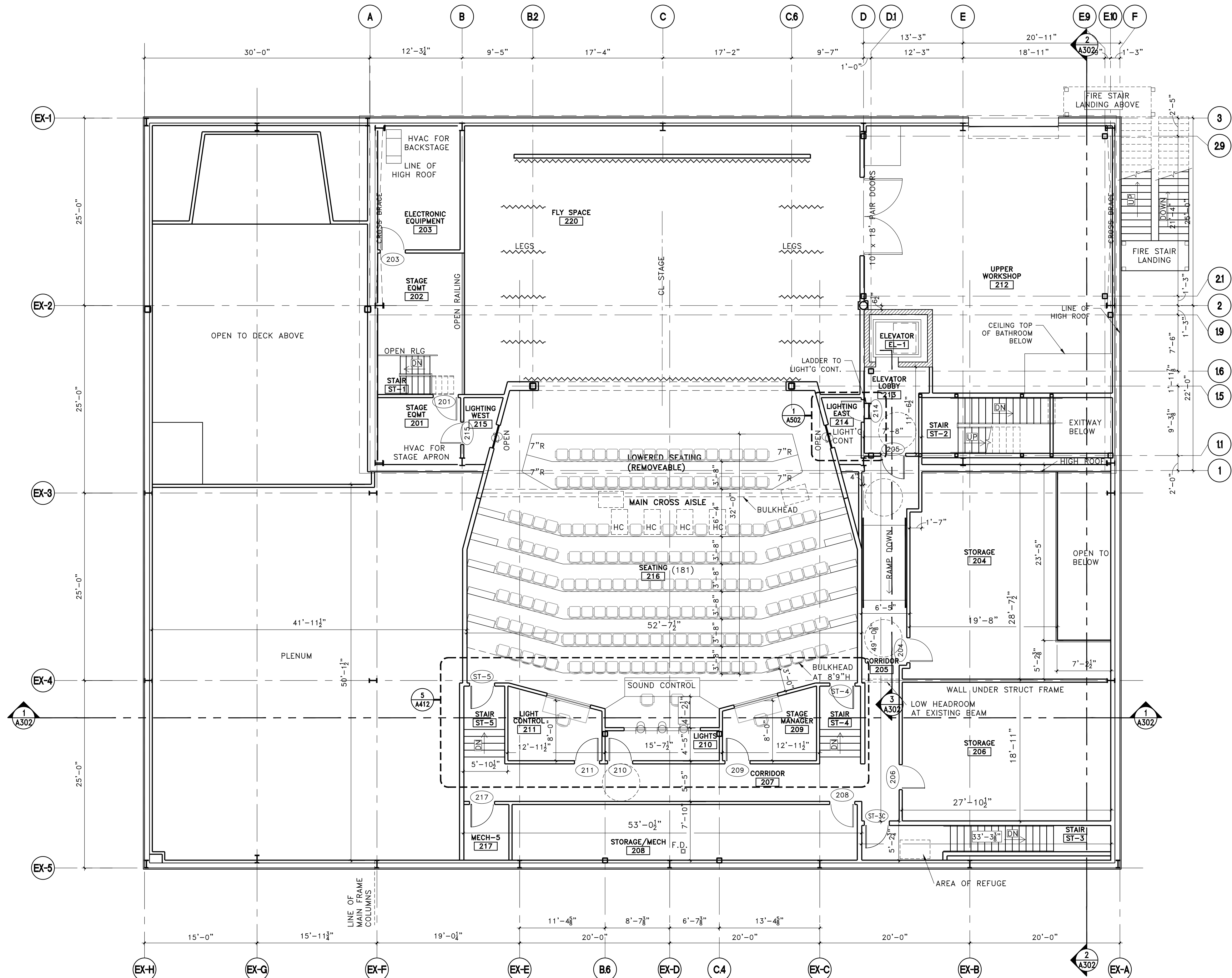
1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

DEMO FLOOR PLAN

SHEET NUMBER

A-101



FLOOR PLAN- EQUIPMENT LEVEL
SCALE: 1/8"=1'-0"

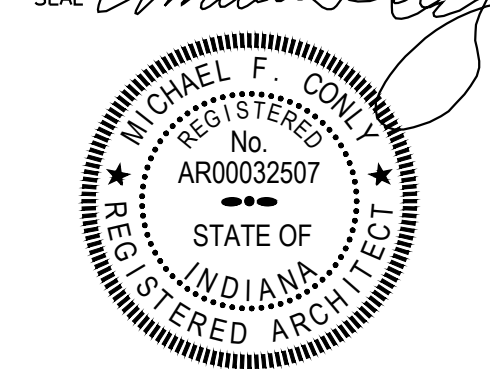


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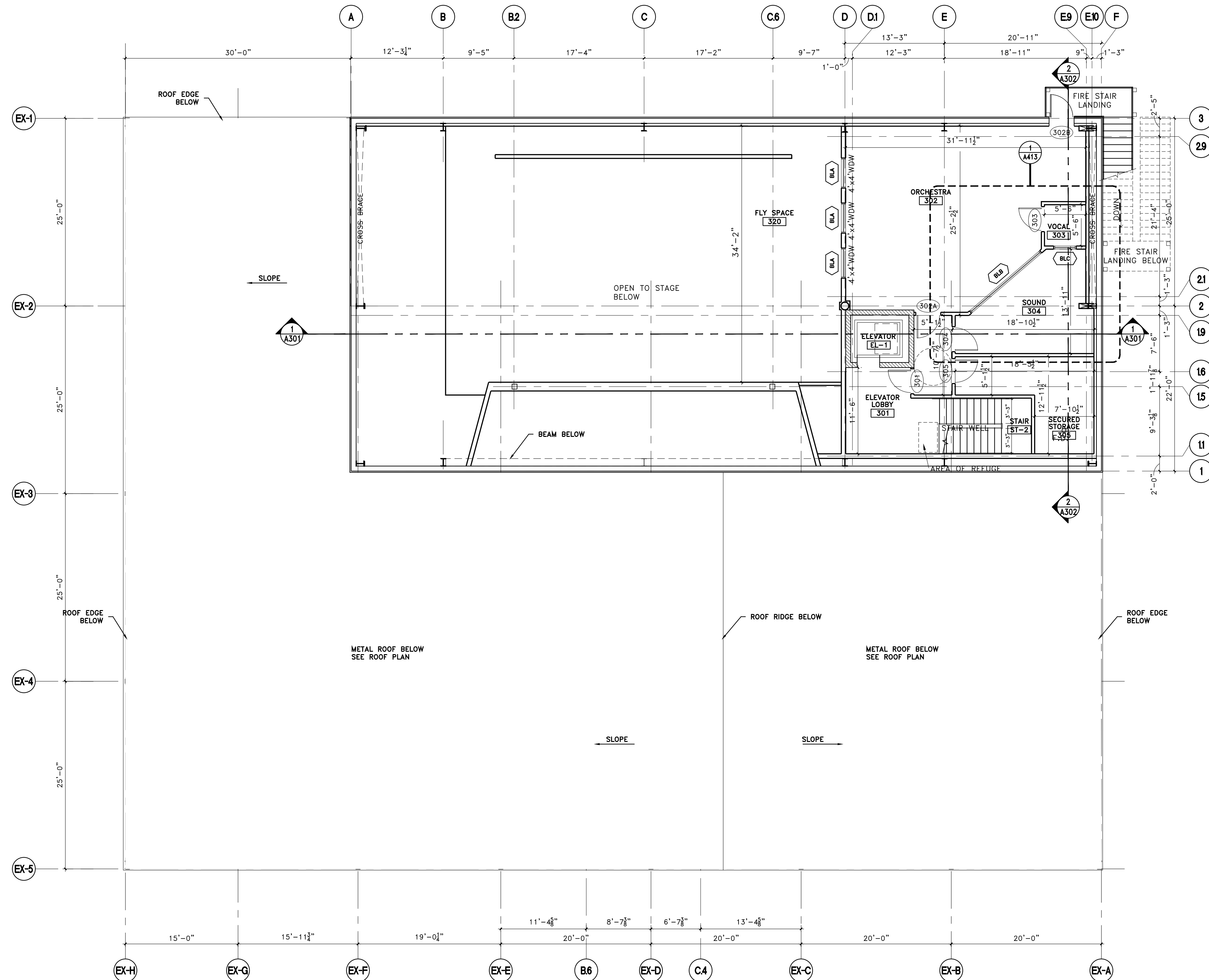
1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

FLOOR PLAN-
EQUIPMENT LEVEL

SHEET NUMBER

A-112



FLOOR PLAN- ORCHESTRA LEVEL
SCALE: 1/8"=1'-0"

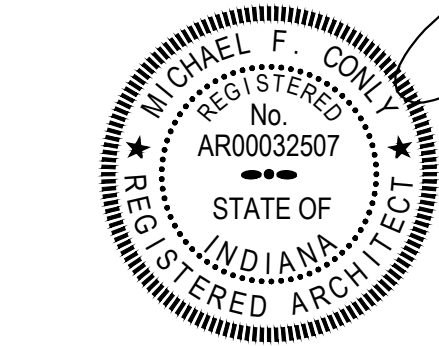


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1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

FLOOR PLAN-
ORCHESTRA LEVEL

SHEET NUMBER

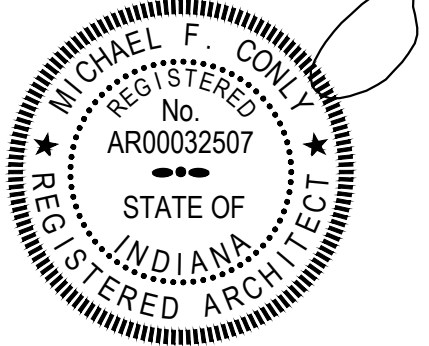
A-113

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SHELBY COUNTY
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SHEET TITLE

REFLECTED
CEILING PLAN-
MAIN LEVEL

SHEET NUMBER

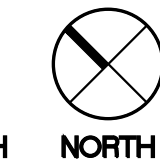
A-121



REFLECTED CEILING PLAN- MAIN LEVEL

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

1
A-121

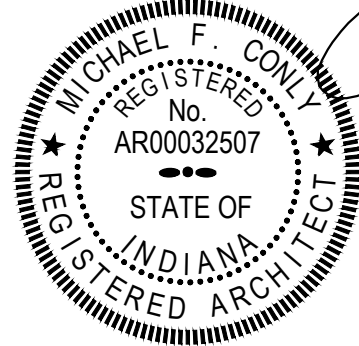


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SHEET TITLE

REFLECTED
CEILING PLAN -
EQUIPMENT LEVEL

SHEET NUMBER

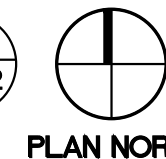
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REFLECTED CEILING PLAN- EQUIPMENT LEVEL

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

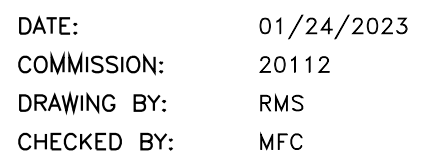
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A-122



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[illegible]

PROJECT NAME

**SHELBY COUNTY
PLAYERS**

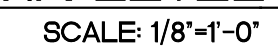
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SHEET TITLE

REFLECTED
CEILING PLAN -
ORCHESTRA LEVEL

SHEET NUMBER

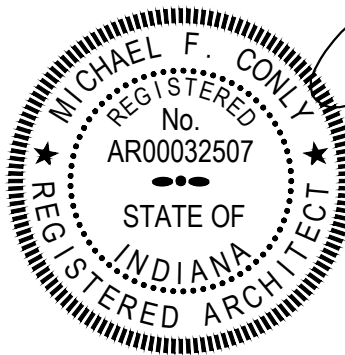
A-123



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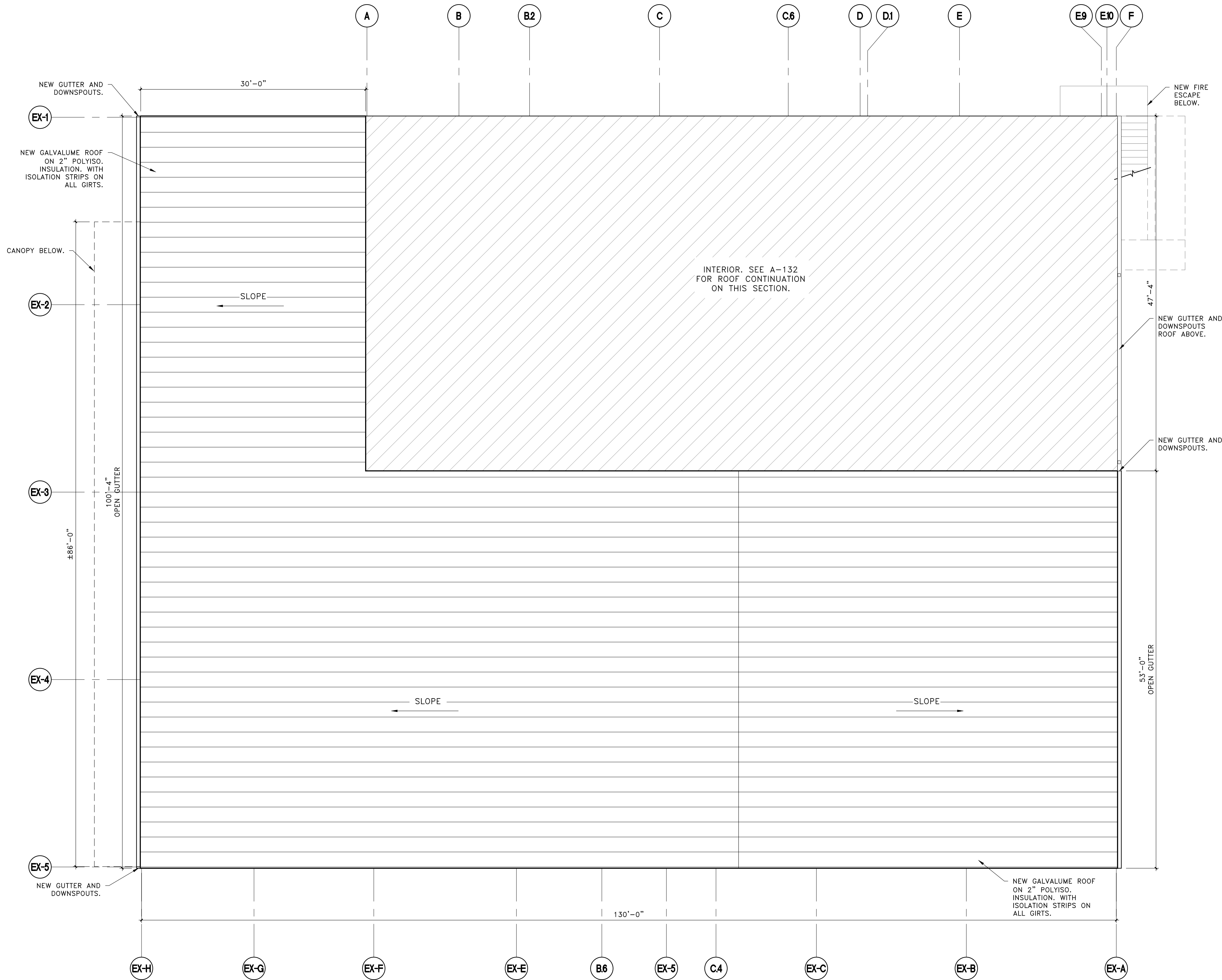
1416 MILLER AVE.
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SHEET TITLE

LOWER ROOF
PLAN

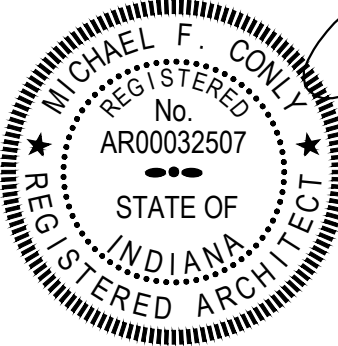
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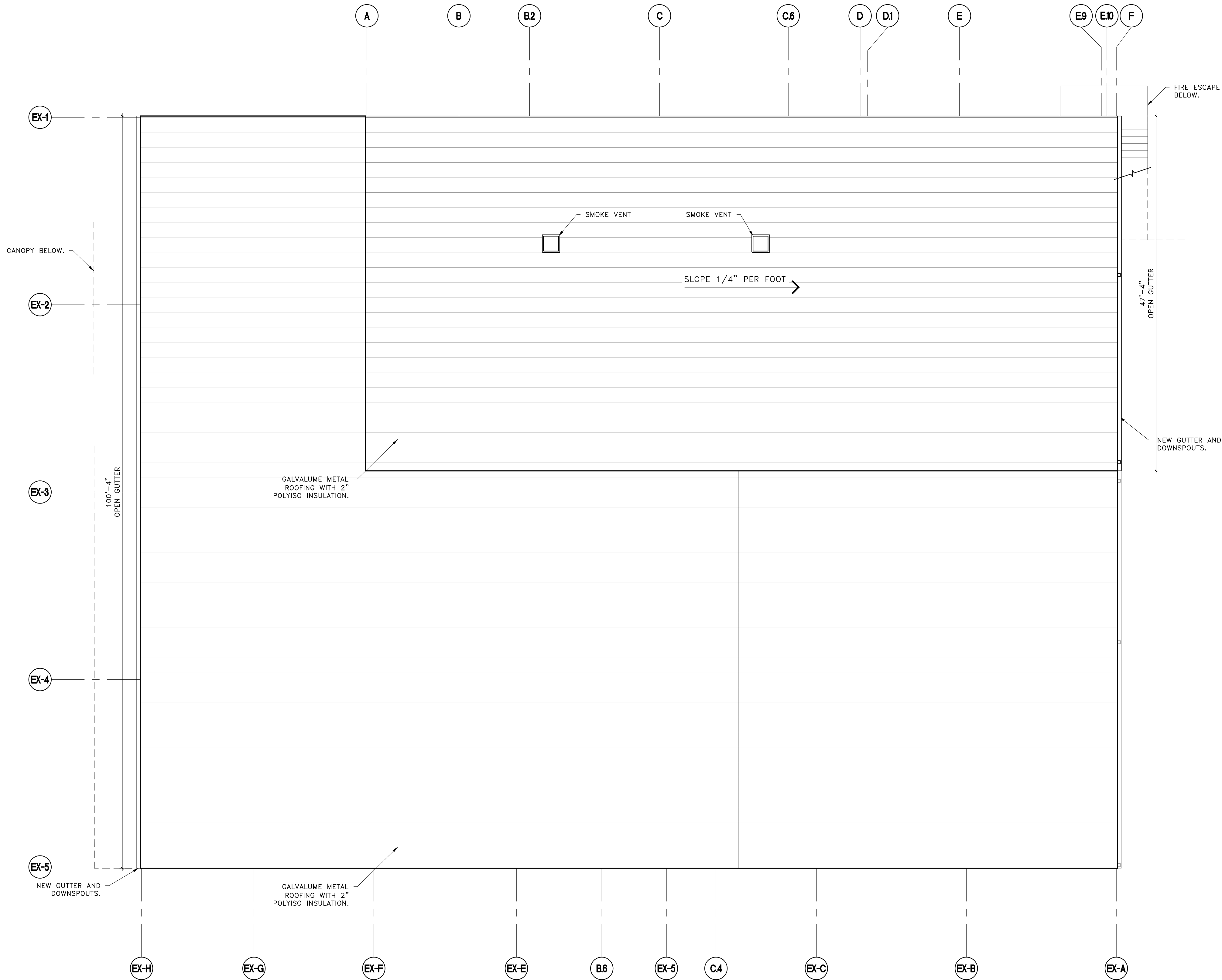


LOWER ROOF PLAN
SCALE: 1/8"=1'-0"





MARK	DATE	DESCRIPTION



UPPER ROOF PLAN

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

1
A-132

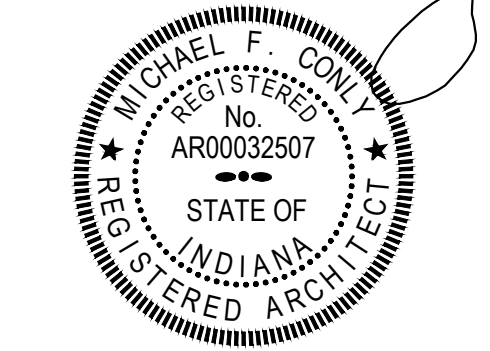


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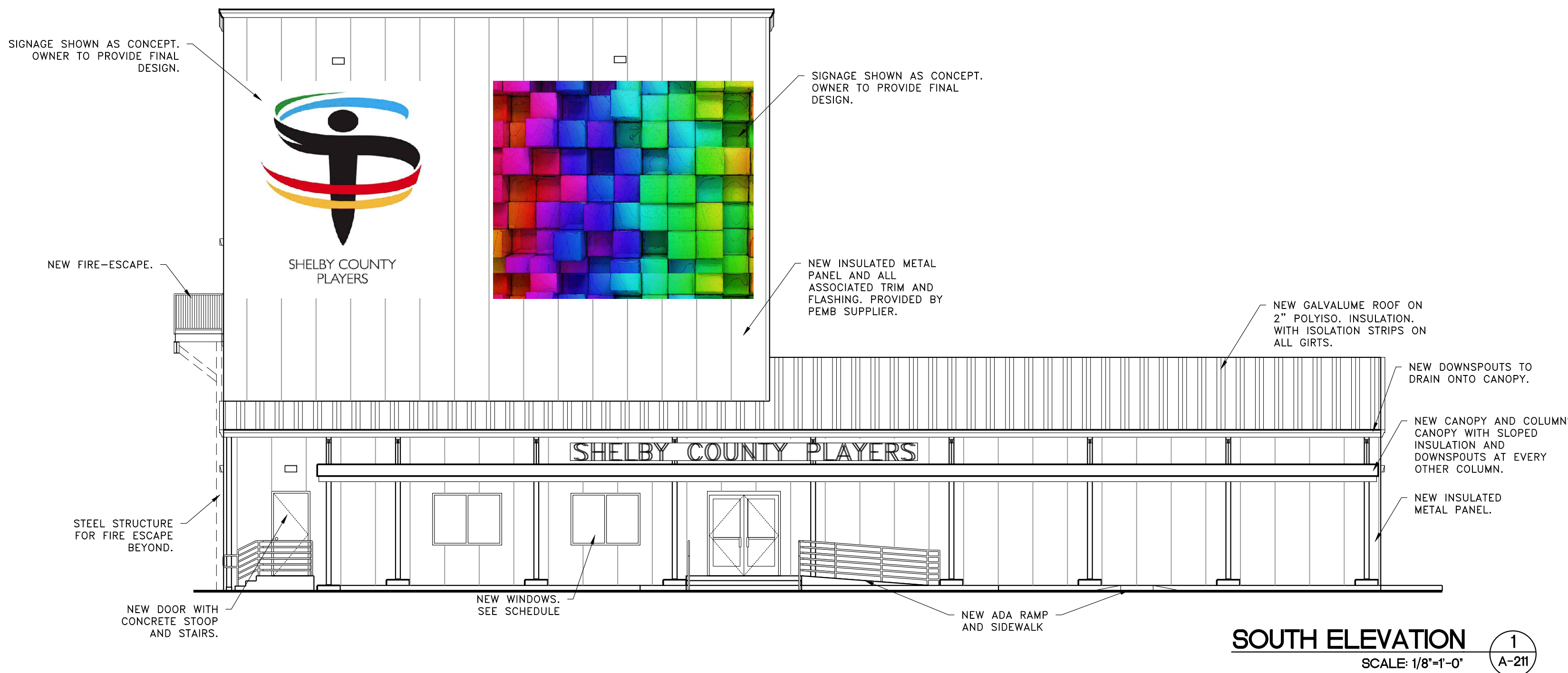
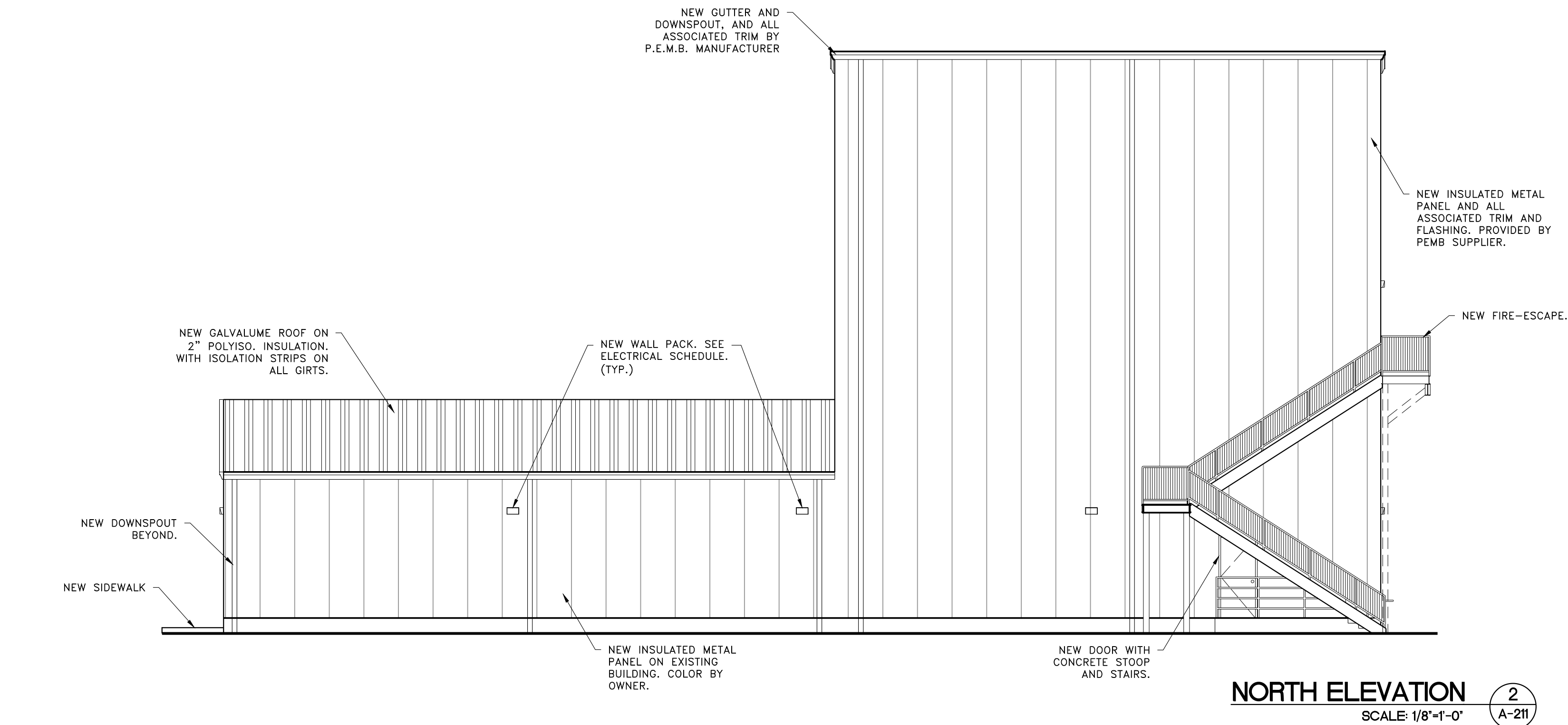
PROJECT NAME
SHELBY COUNTY PLAYERS

1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE
ELEVATIONS

SHEET NUMBER

A-211

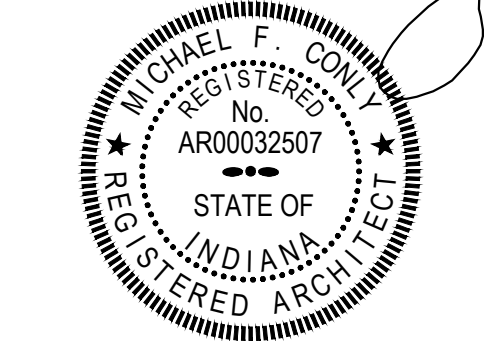


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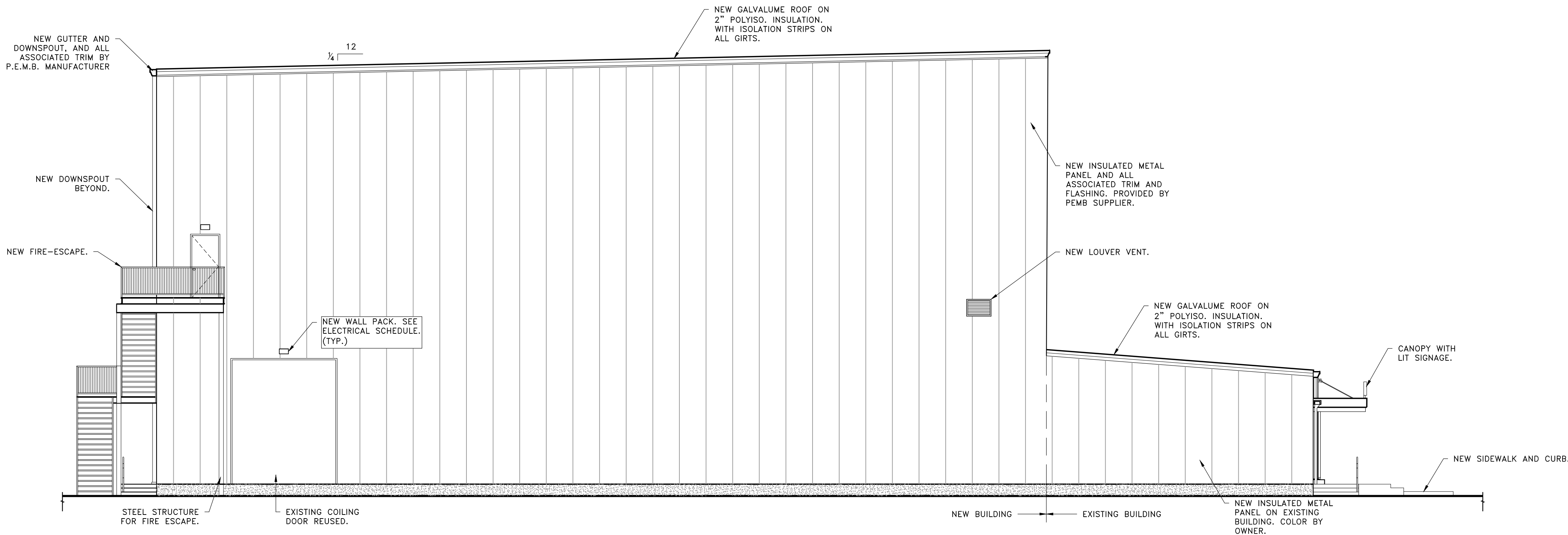
PROJECT NAME
SHELBY COUNTY PLAYERS

1416 MILLER AVE.
SHELBYVILLE, IN 46176

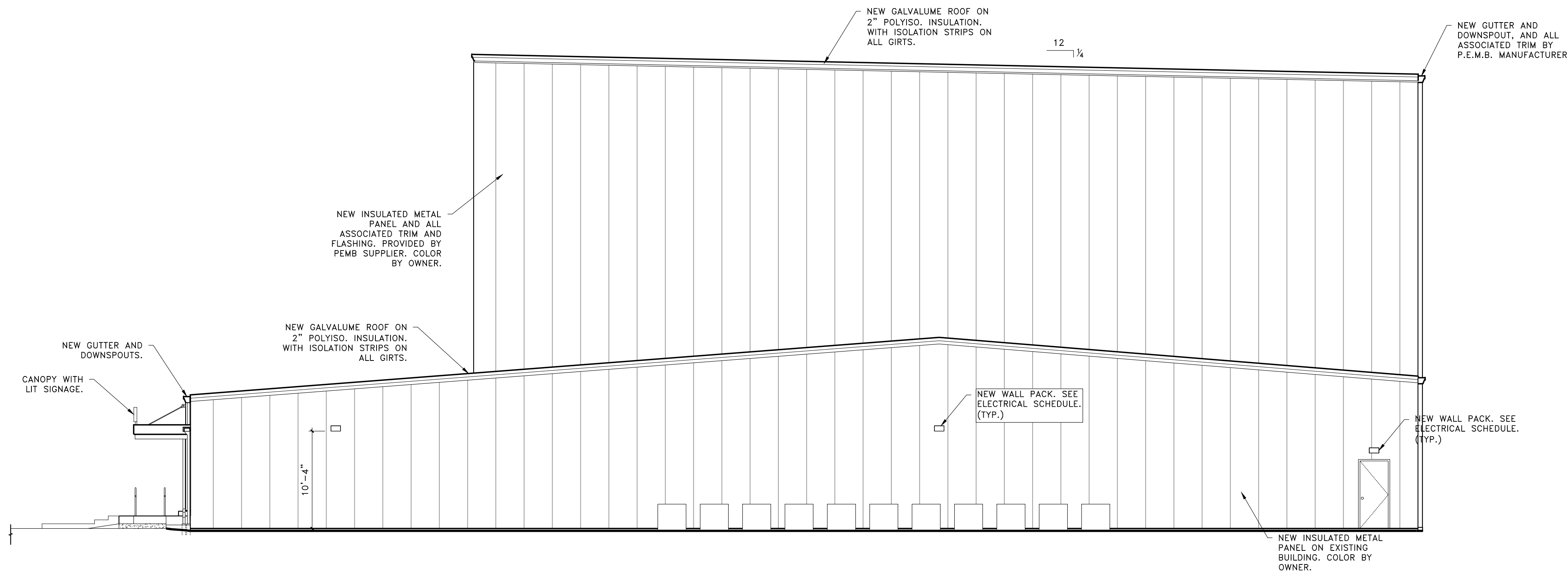
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ELEVATIONS

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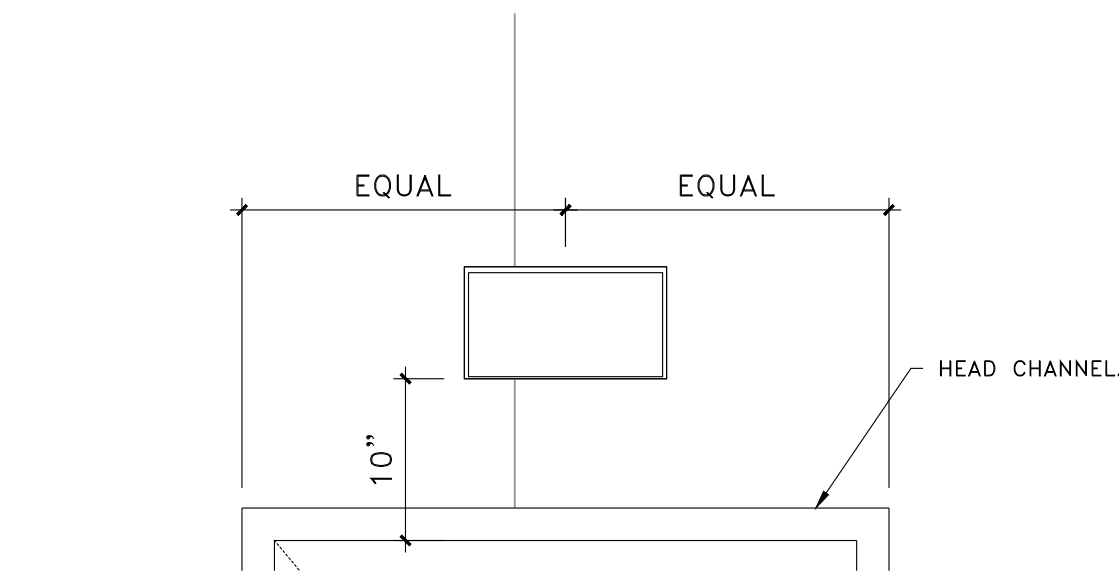
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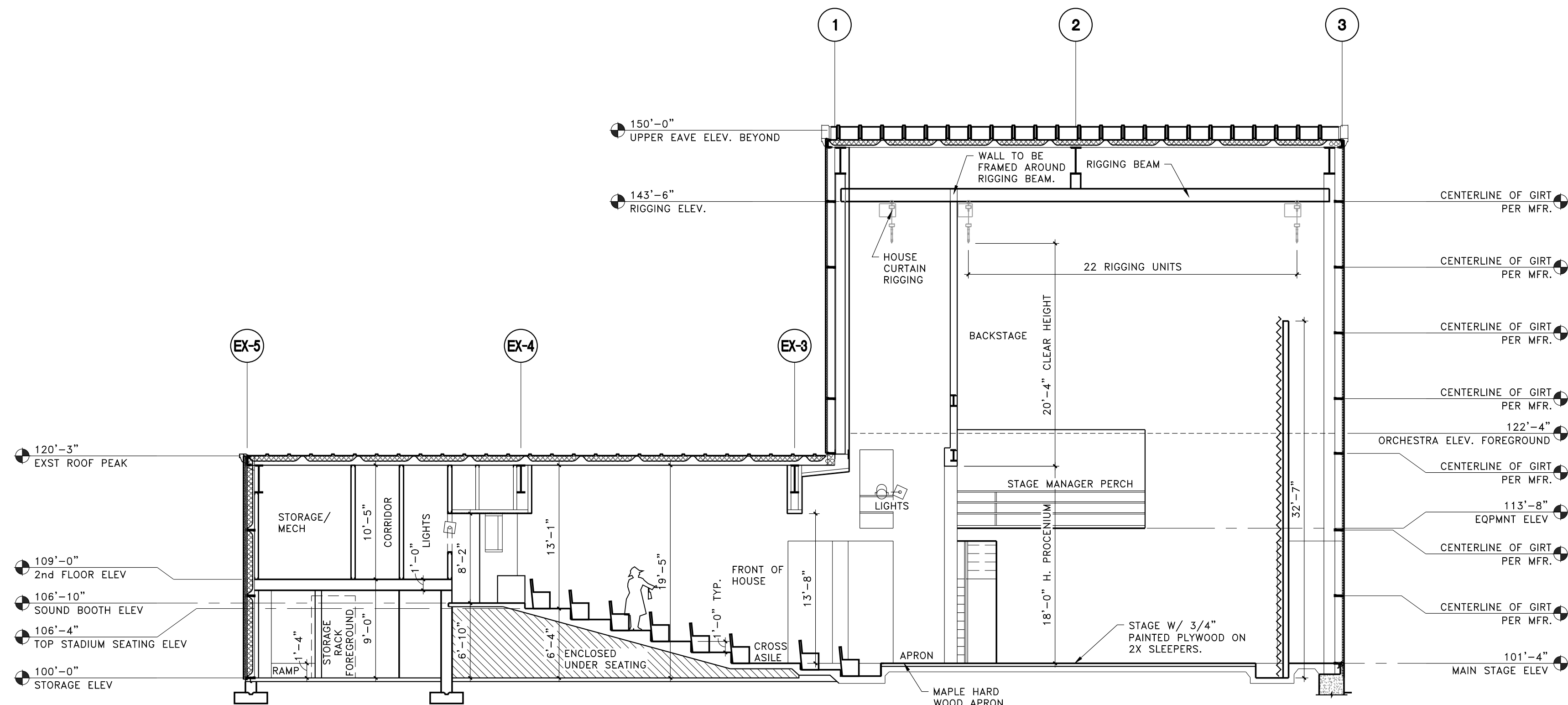
WEST ELEVATION
SCALE: 1/8"-1'-0" 2 A-212



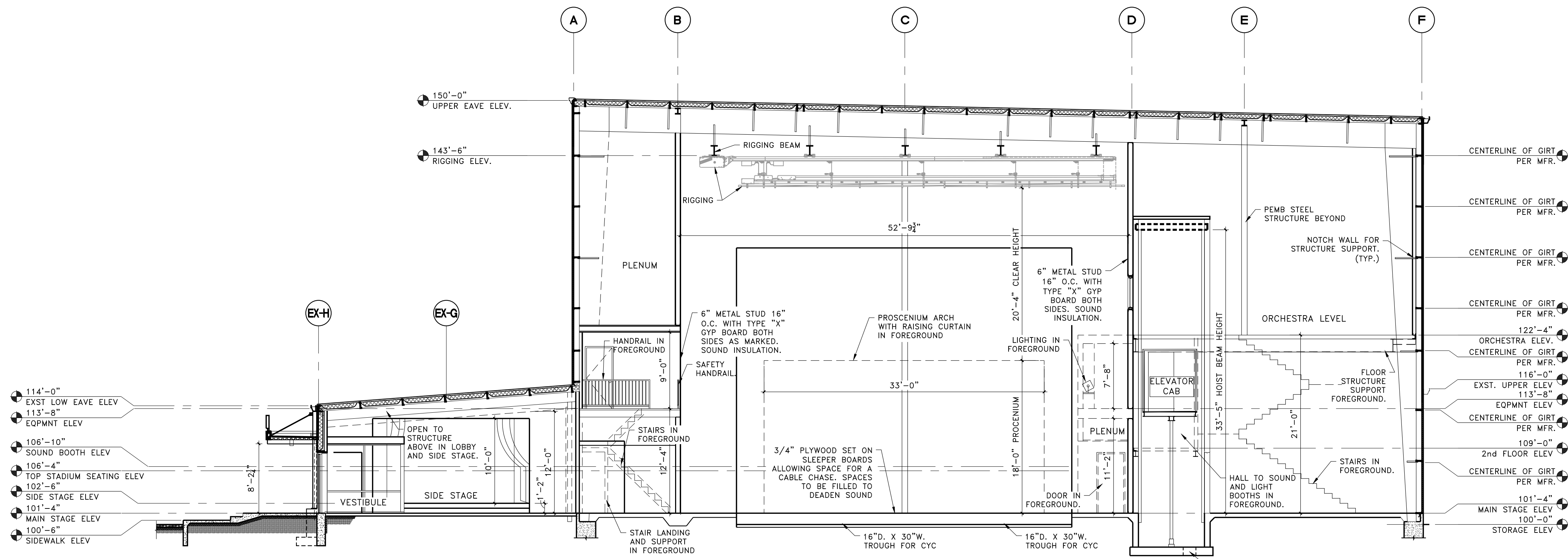
EAST ELEVATION
SCALE: 1/8"-1'-0" 1 A-212



WALL PACK INSTALLATION (TYP.)
SCALE: 1/8"-1'-0" 3 A-212



BUILDING SECTION 2
SCALE: 1/8\"=1'-0\"



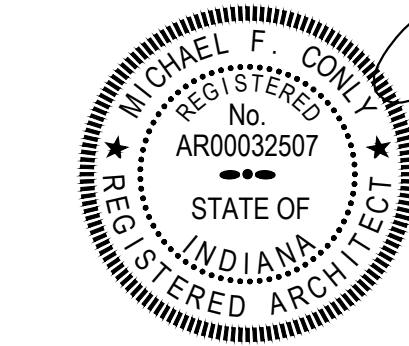
BUILDING SECTION 1
SCALE: 3/16\"=1'-0\"

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PROJECT NAME

SHELBY COUNTY
PLAYERS

1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

BUILDING SECTIONS

SHEET NUMBER

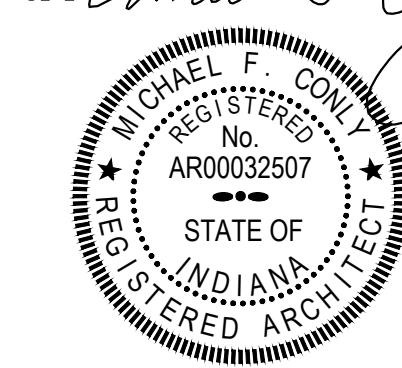
A-301

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PROJECT NAME

SHELBY COUNTY
PLAYERS

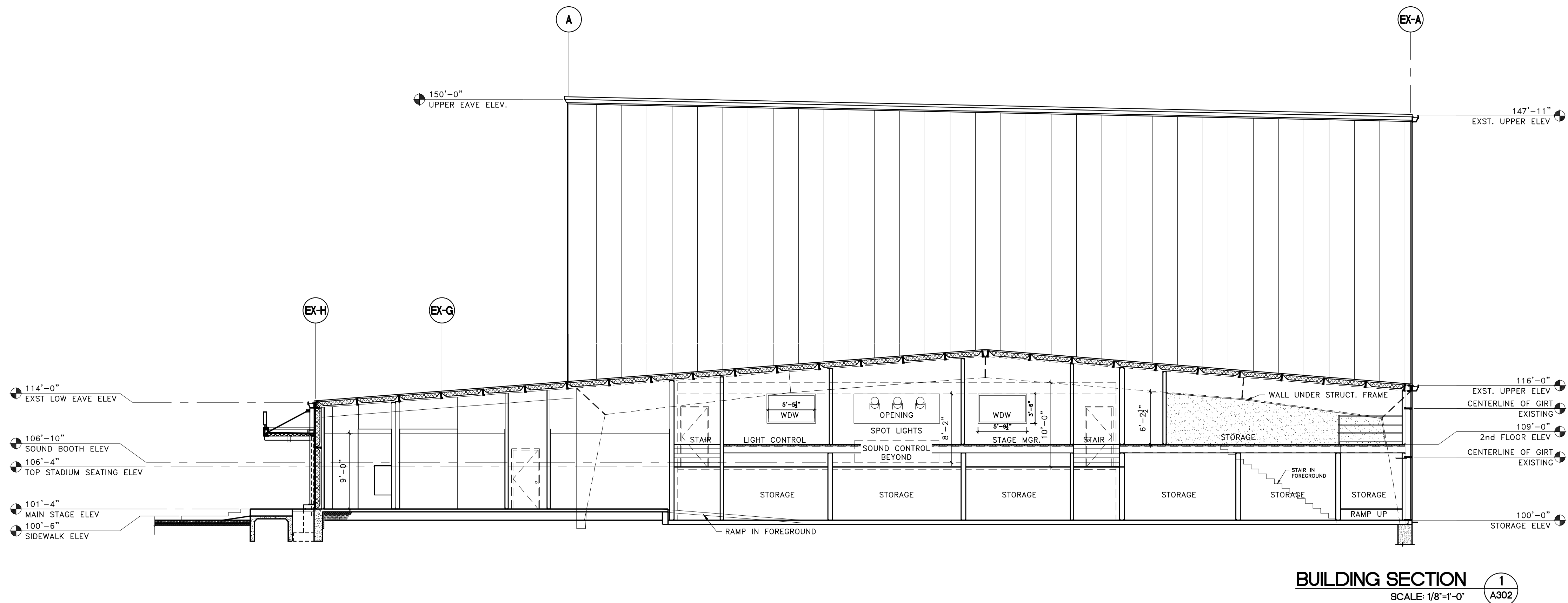
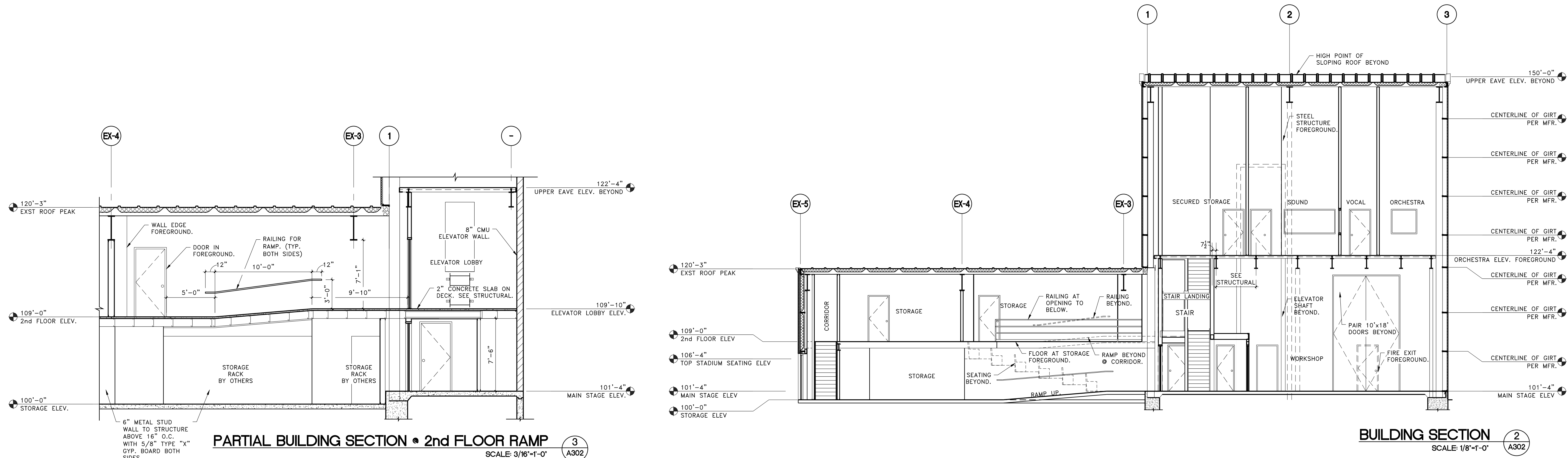
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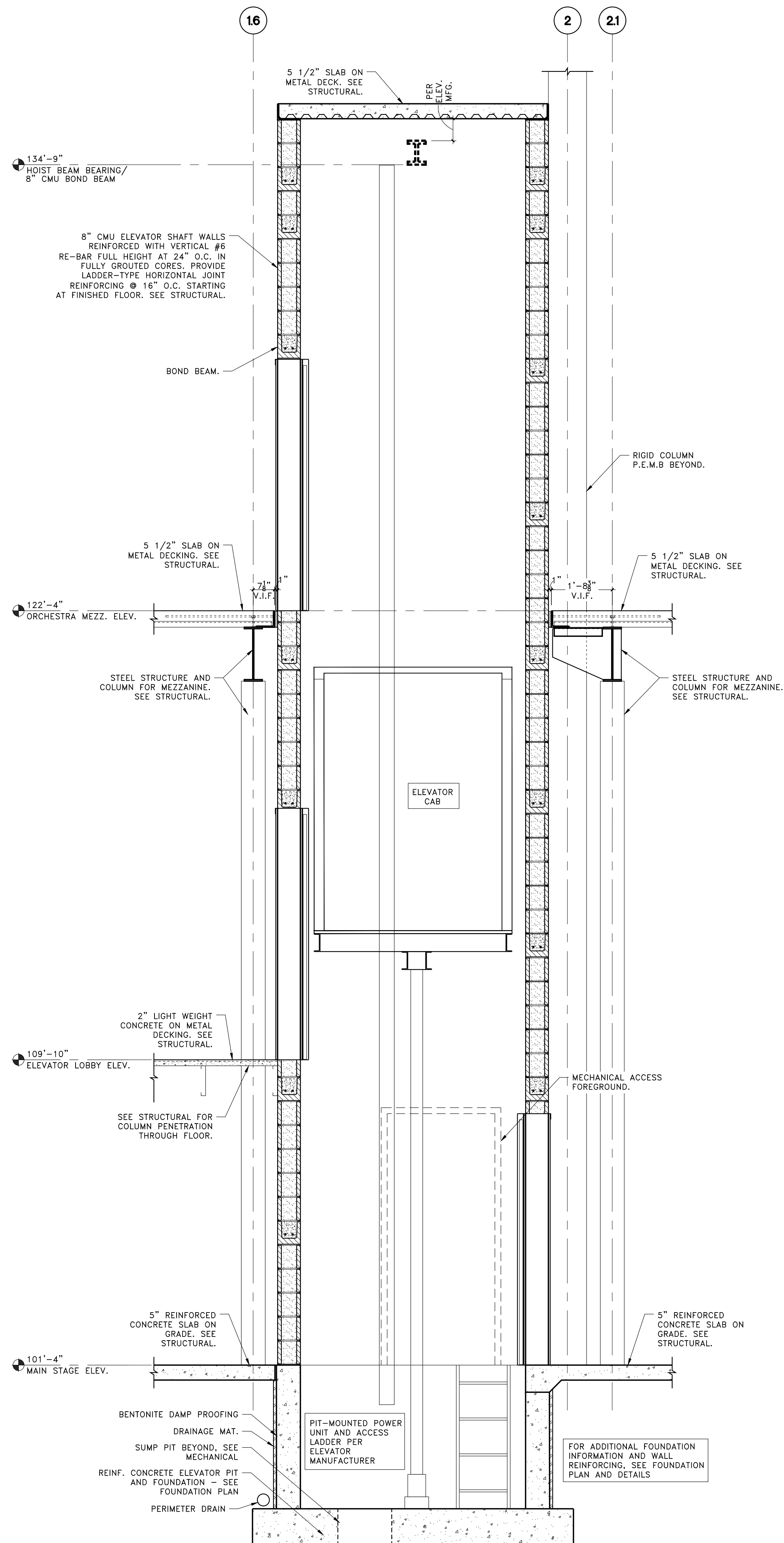
SHEET TITLE

BUILDING SECTIONS

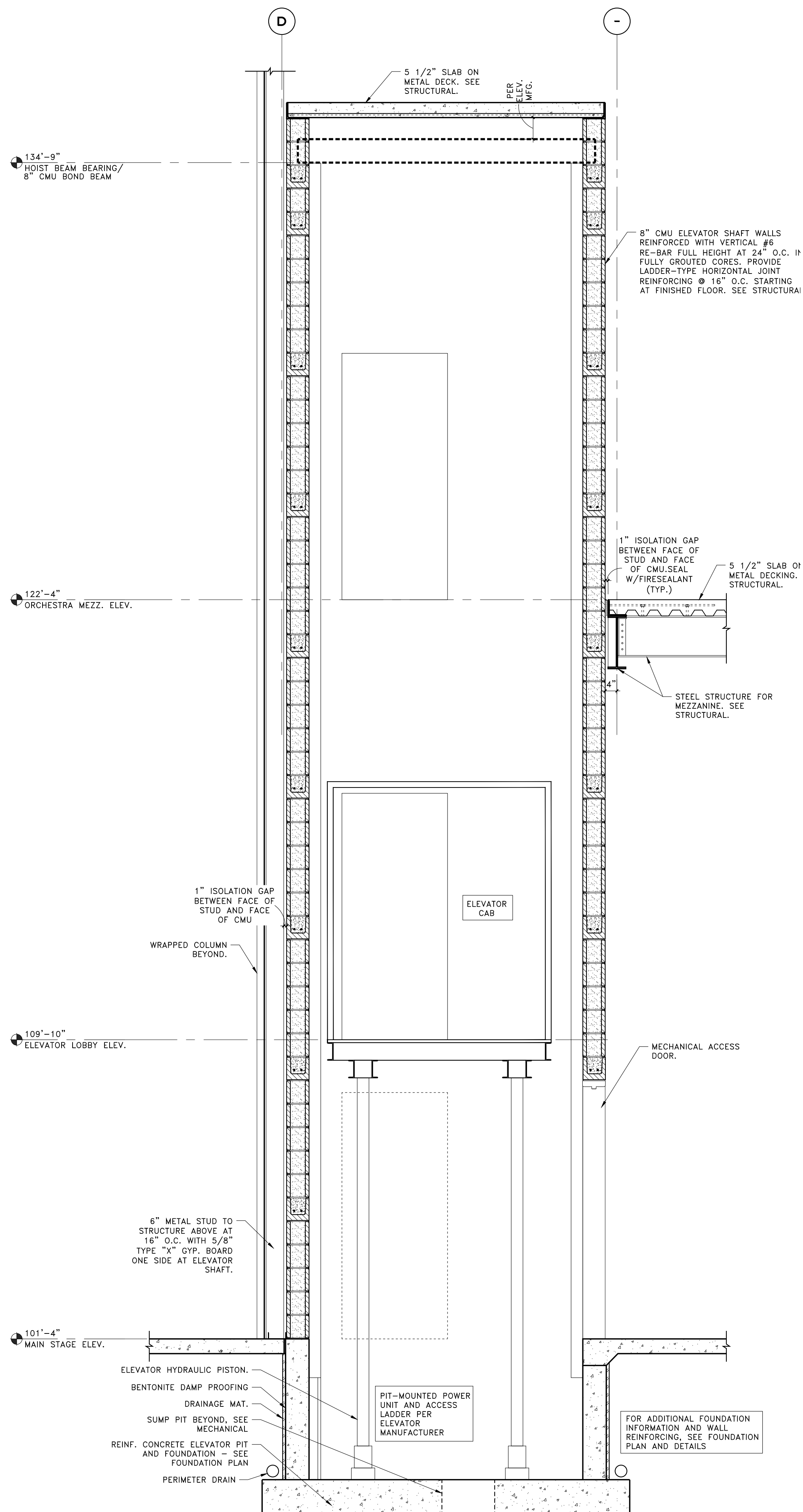
SHEET NUMBER

A-302





ELEVATOR SECTION
SCALE: 1/2"=1'-0"
2
A303



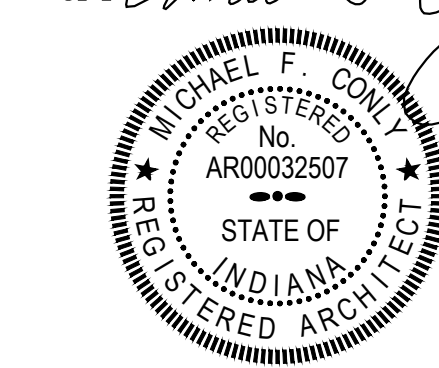
ELEVATOR SECTION
SCALE: 1/2"=1'-0"
1
A303

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DRAWING BY: MJB
CHECKED BY: MFC

REVISIONS

MARK	DATE	DESCRIPTION

PROJECT NAME

SHELBY COUNTY PLAYERS

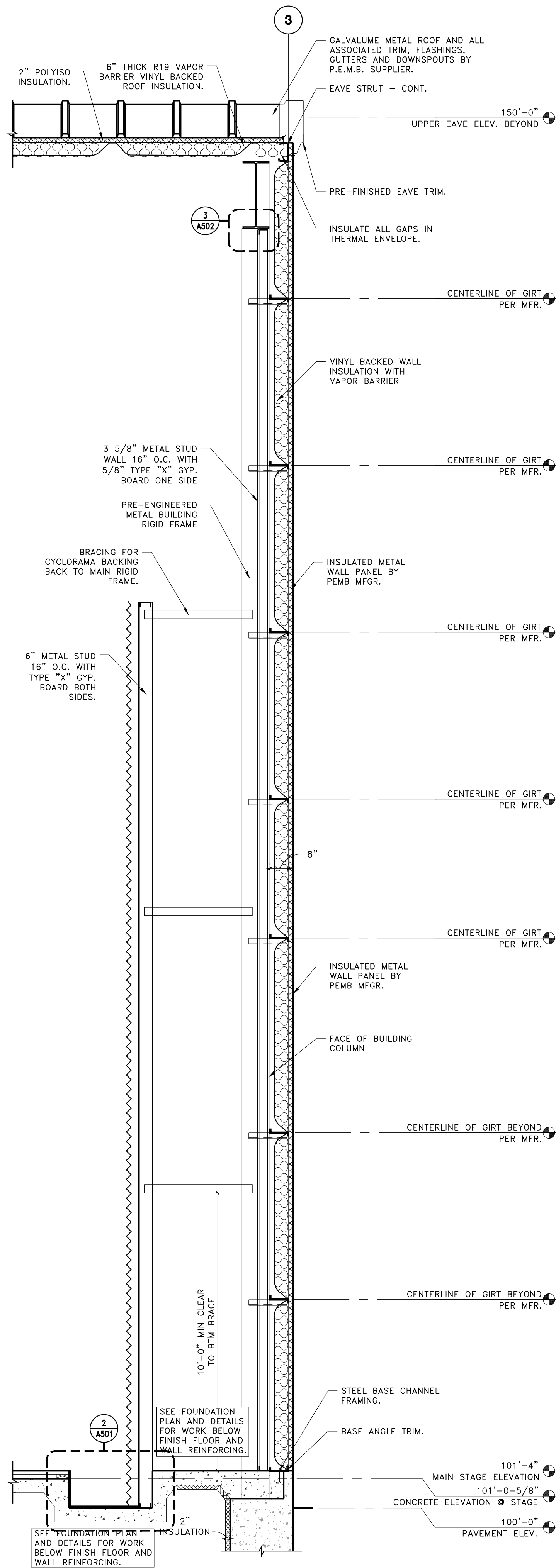
1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

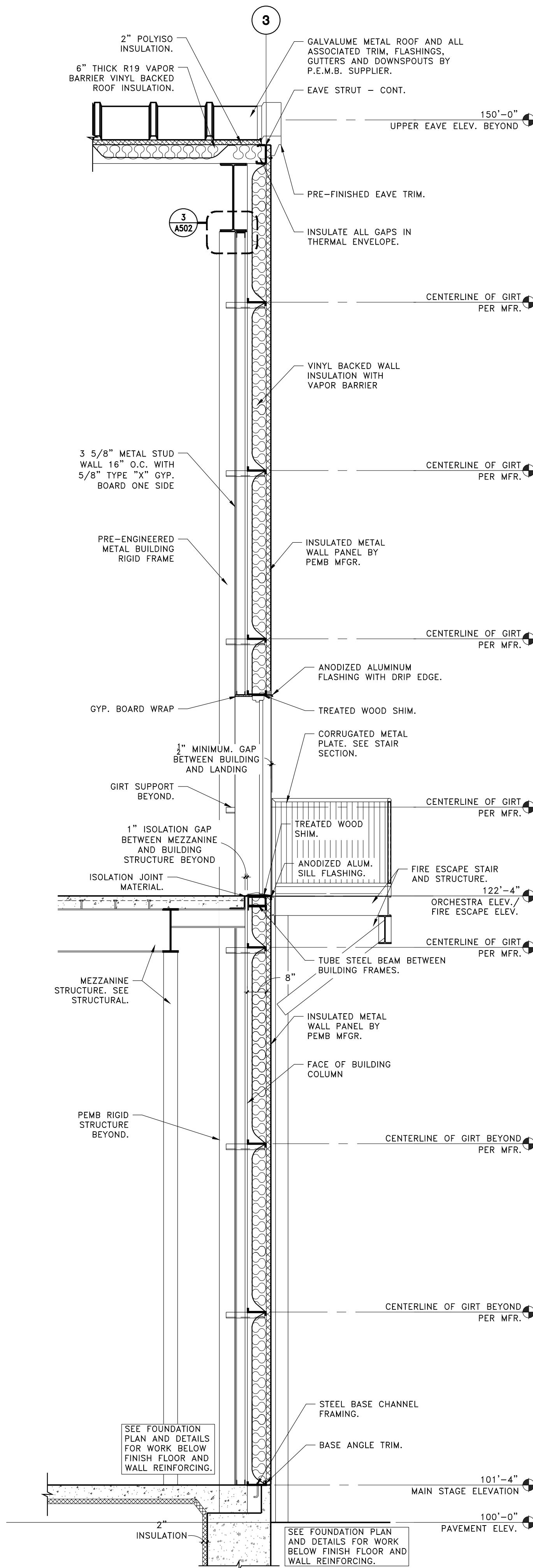
ELEVATOR SECTION

SHEET NUMBER

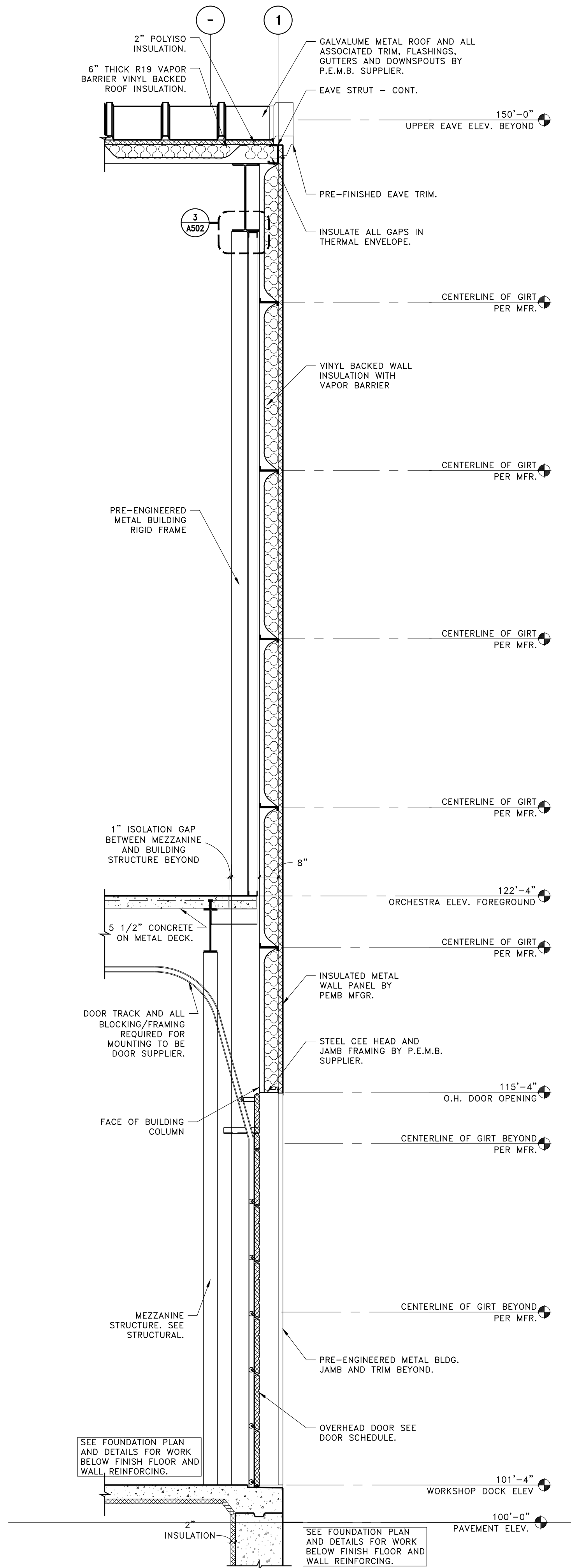
A-303



WALL SECTION • CYCLORAMA (3) A304
SCALE: 3/8"=1'-0"



WALL SECTION • FIRE ESCAPE (2) A304
SCALE: 3/8"=1'-0"

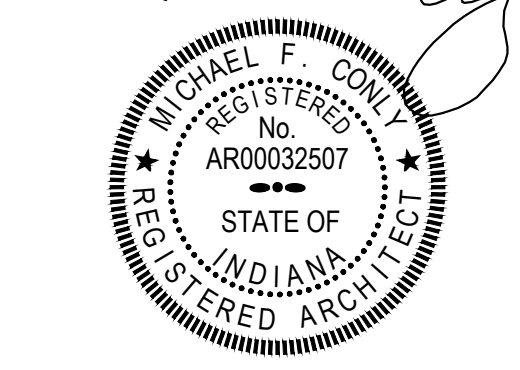


WALL SECTION • DOCK (1) A304
SCALE: 3/8"=1'-0"

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MARK	DATE	DESCRIPTION

PROJECT NAME
SHELBY COUNTY
PLAYERS

1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

WALL SECTIONS

SHEET NUMBER

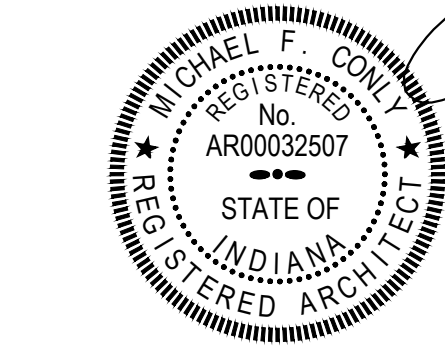
A-304



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[illegible]

PROJECT NAME
SHELBY COUNTY
PLAYERS

1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

WALL SECTIONS

SHEET NUMBER

A-305

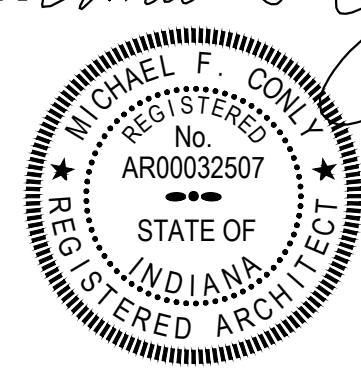


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[illegible]

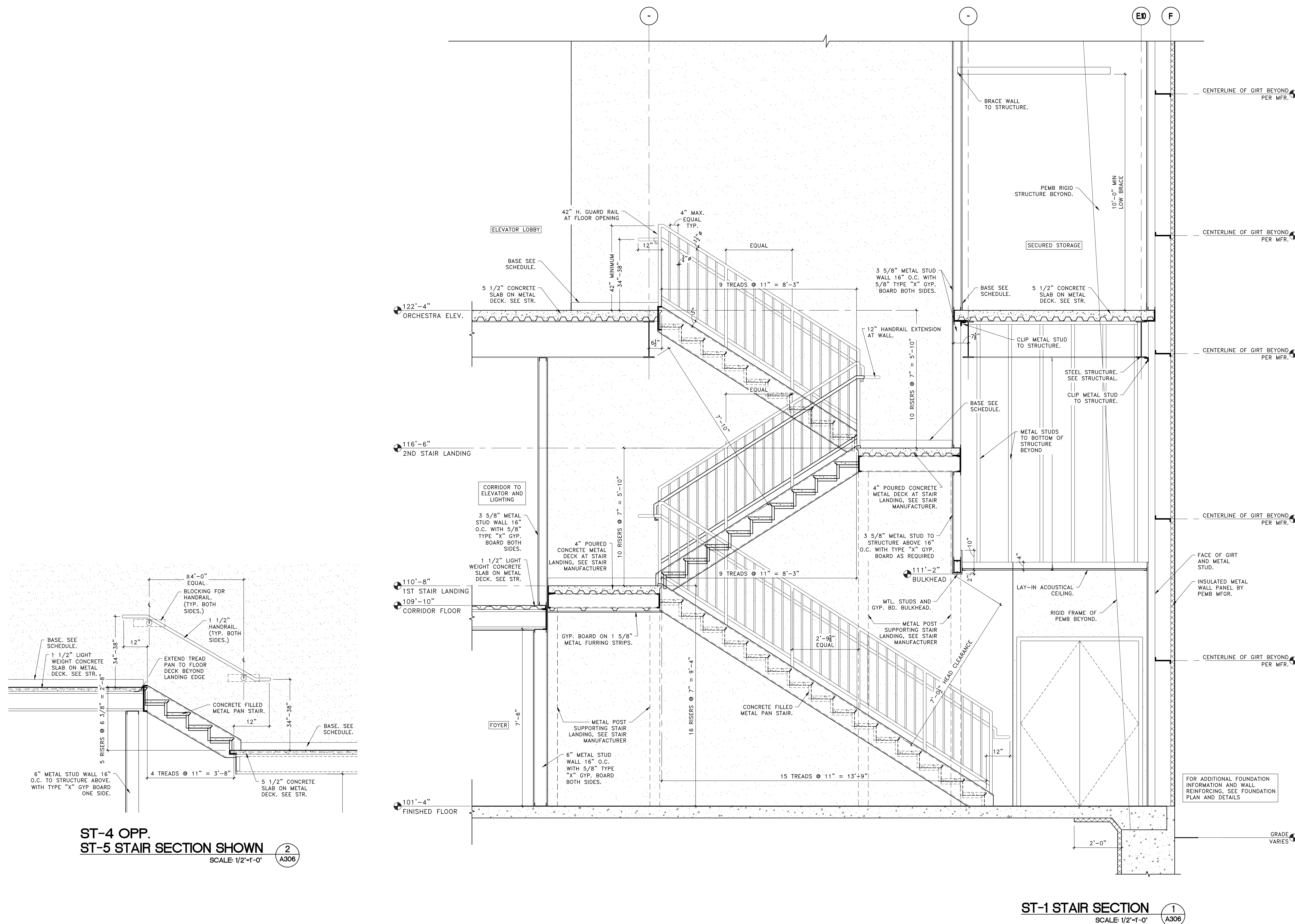
PROJECT NAME
SHELBY COUNTY
PLAYERS

1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE
STAIR SECTION

SHEET NUMBER

A-306

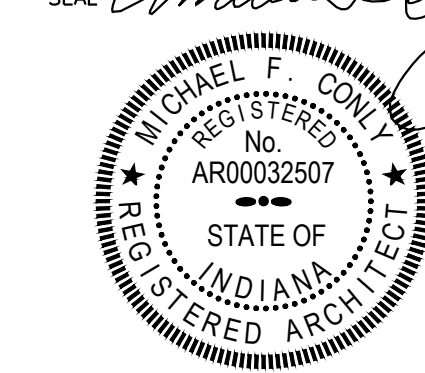


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MARK	DATE	DESCRIPTION

PROJECT NAME

SHELBY COUNTY
PLAYERS

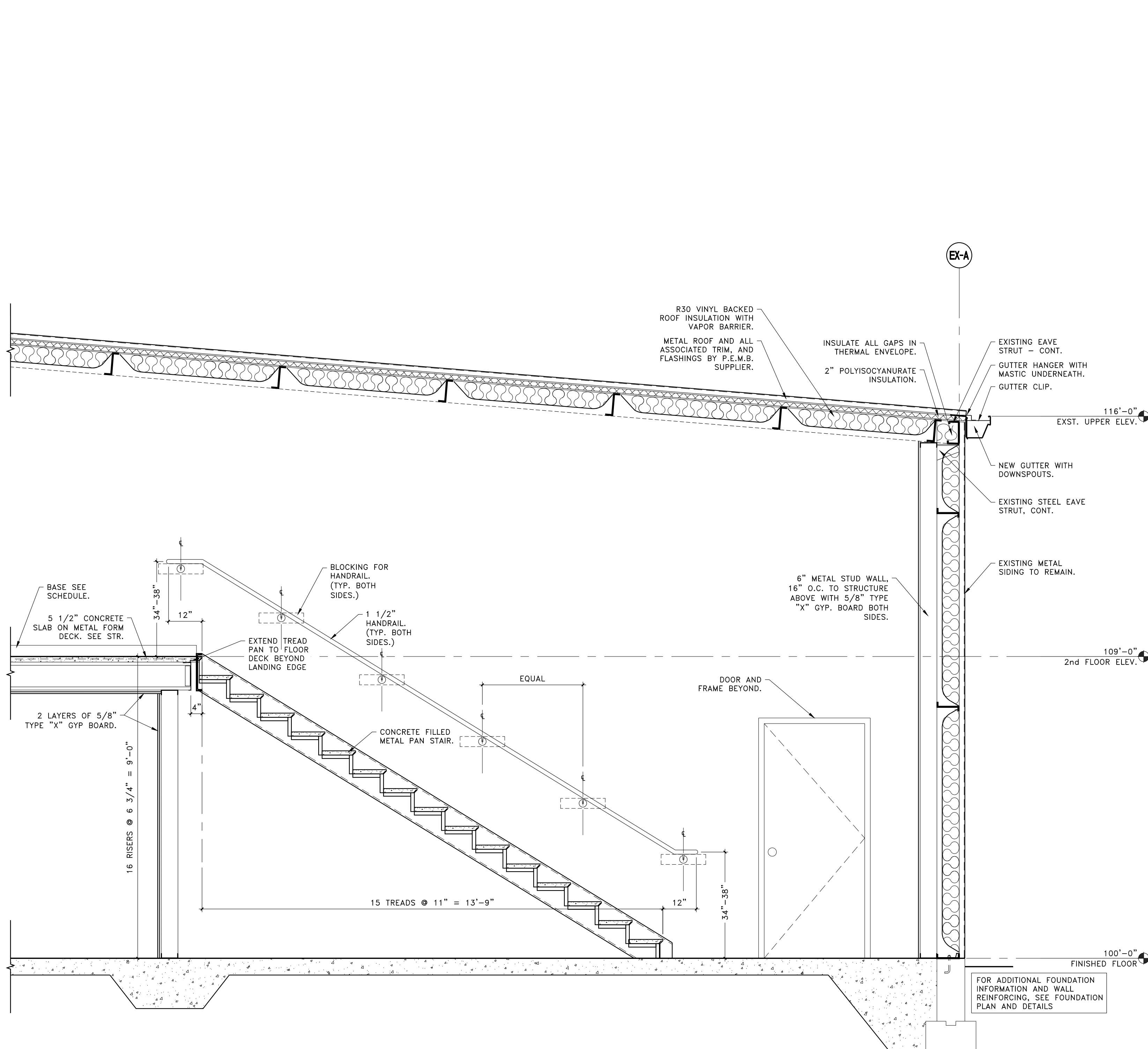
1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

STAIR SECTION

SHEET NUMBER

A-307

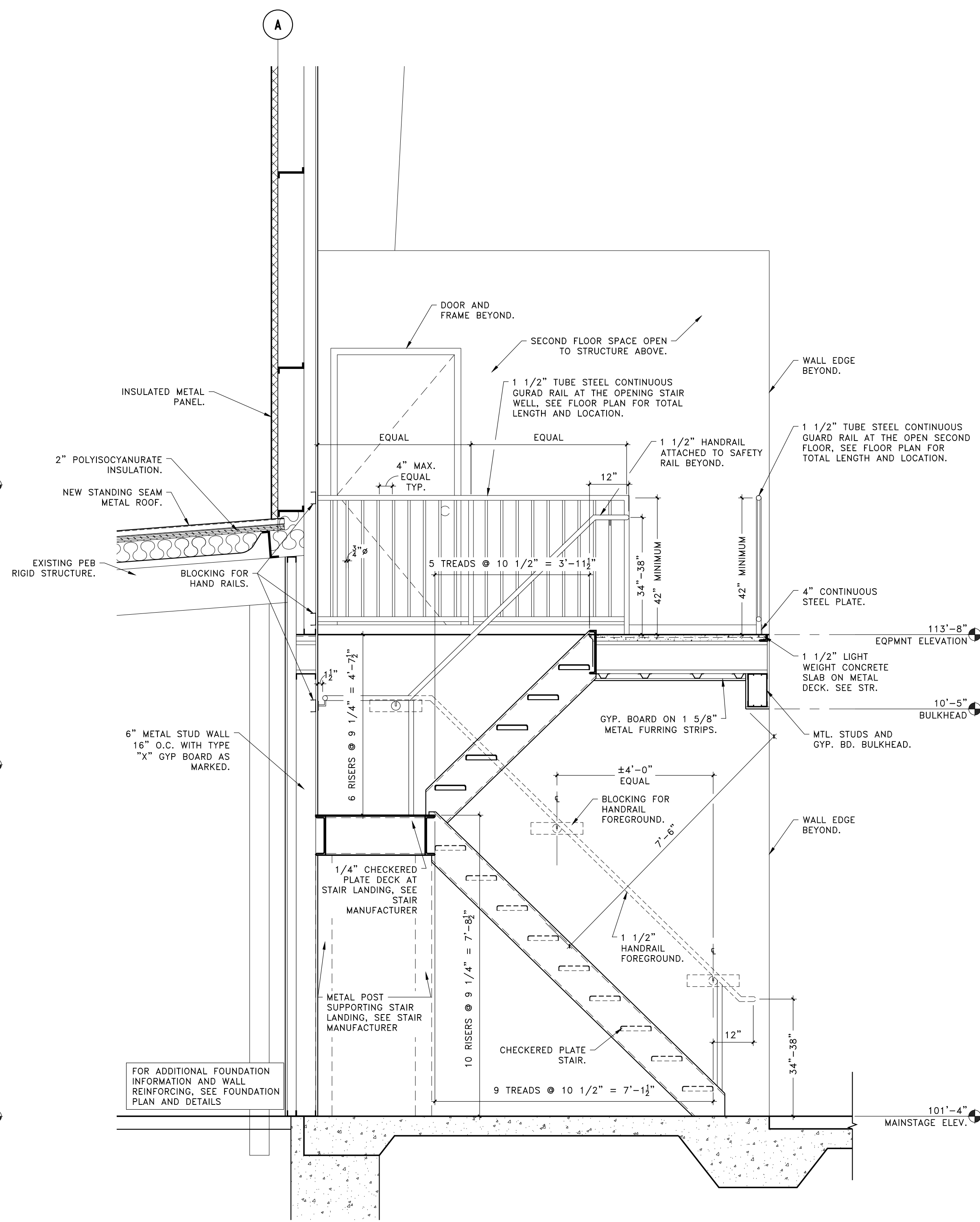


ST-3 STAIR SECTION

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

2

A307



ST-2 STAIR SECTION

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

1

A307

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SEA



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[illegible]

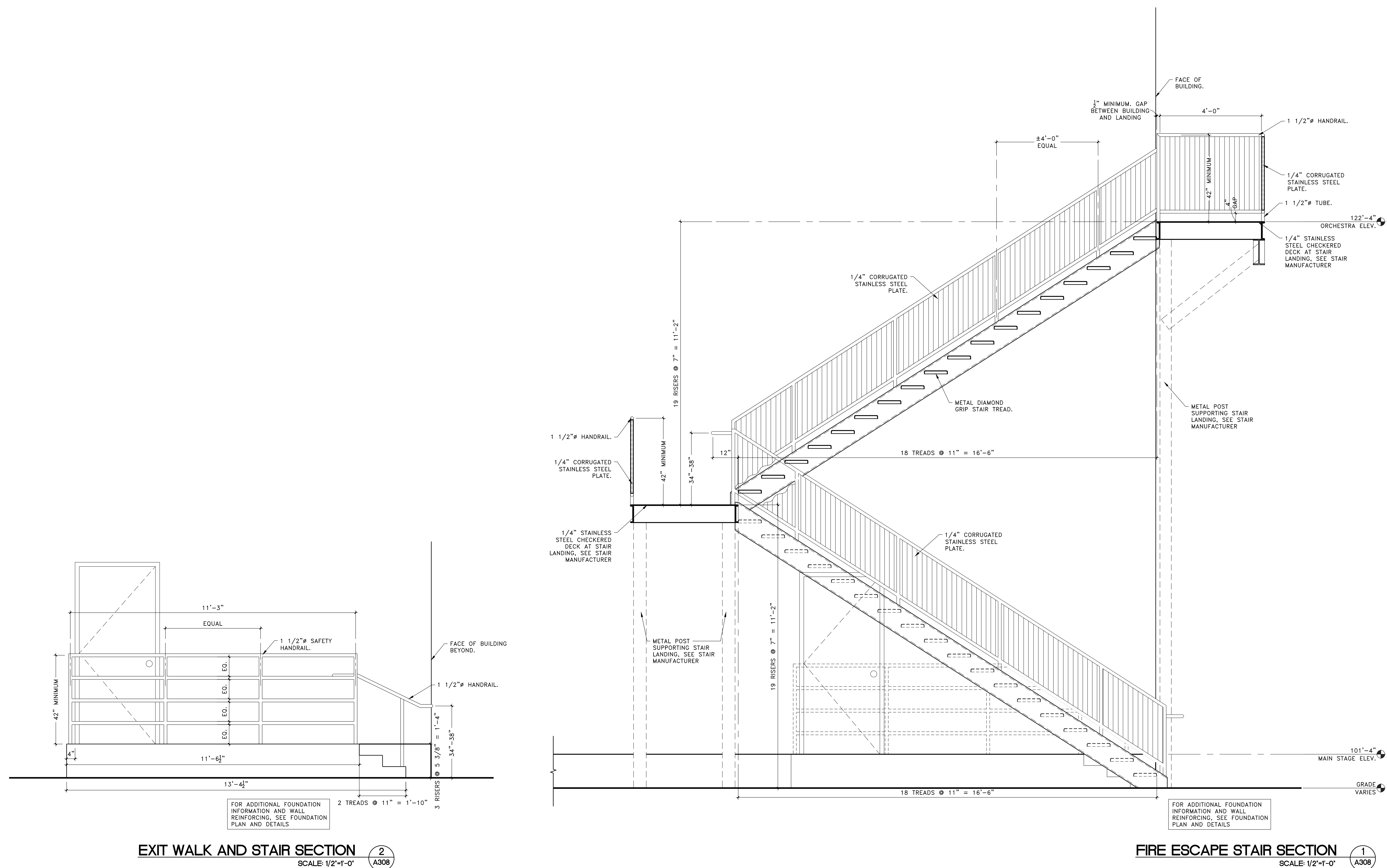
PROJECT NAME
SHELBY COUNTY
PLAYERS

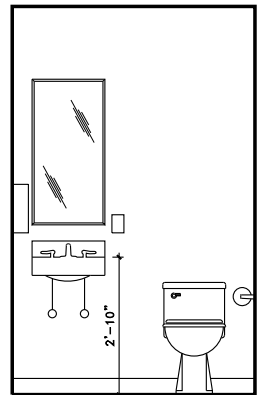
1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE
STAIR SECTION

SHEET NUMBER

A-308

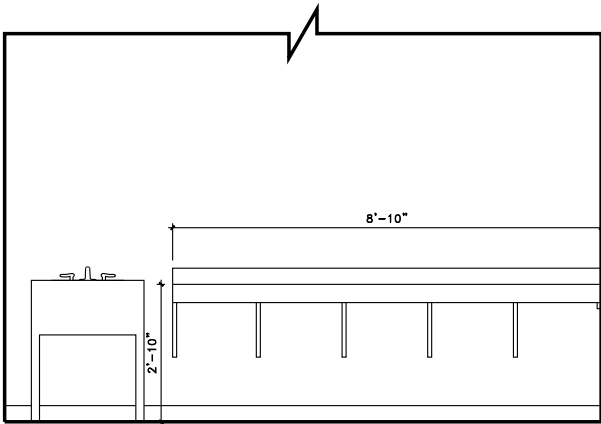




ENLARGED TOILET #115 ELEVATION

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

4
A411



ENLARGED WORKSHOP COUNTER ELEVATION

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

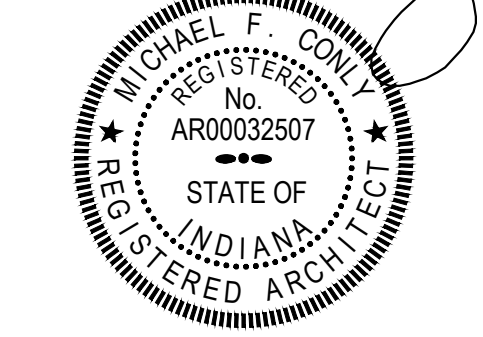
3
A411

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DRAWING BY: M.J.B.
CHECKED BY: M.F.C.

REVISIONS		
MARK	DATE	DESCRIPTION

PROJECT NAME
SHELBY COUNTY
PLAYERS

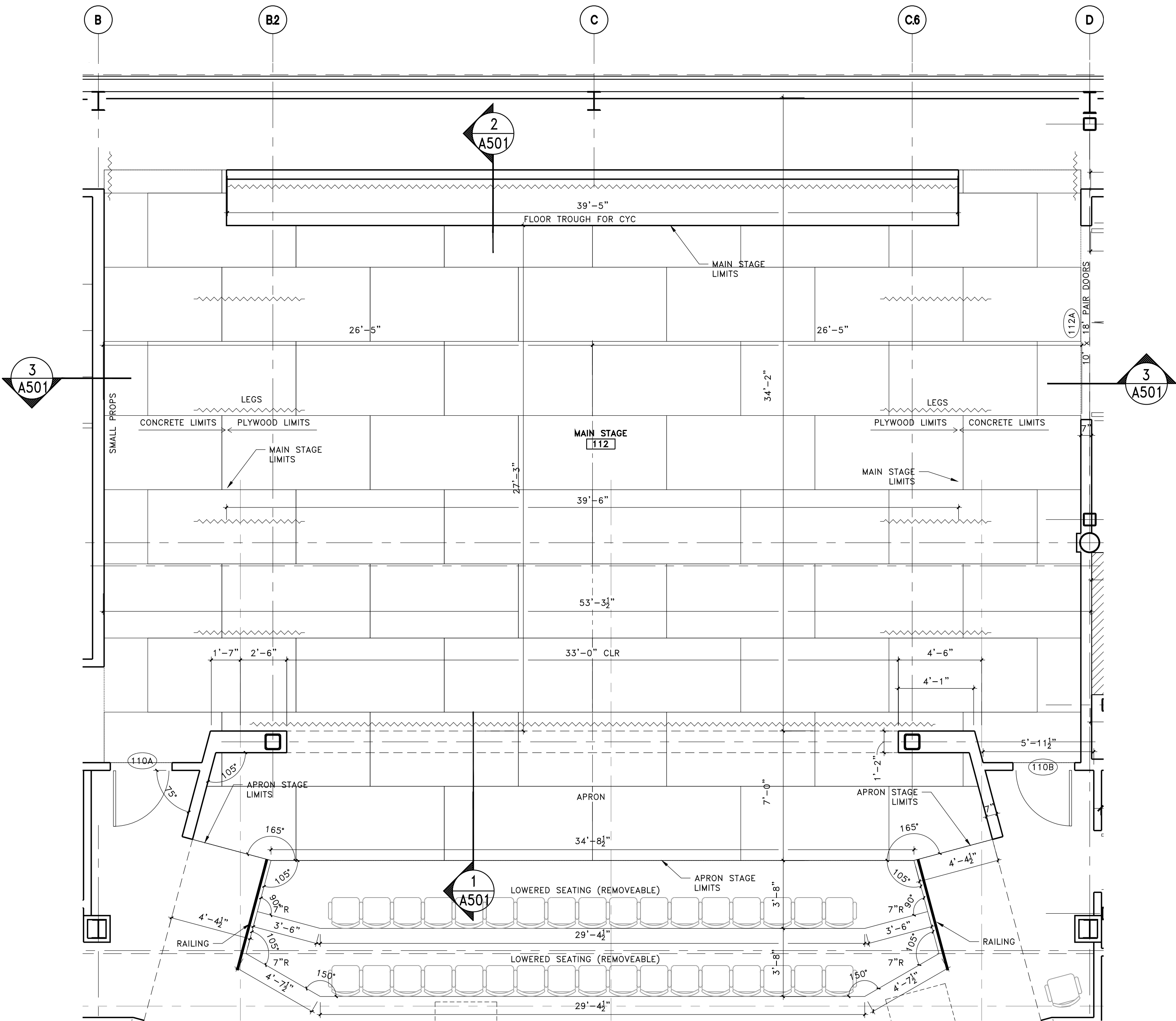
1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

ENLARGED
FLOOR PLANS +

SHEET NUMBER

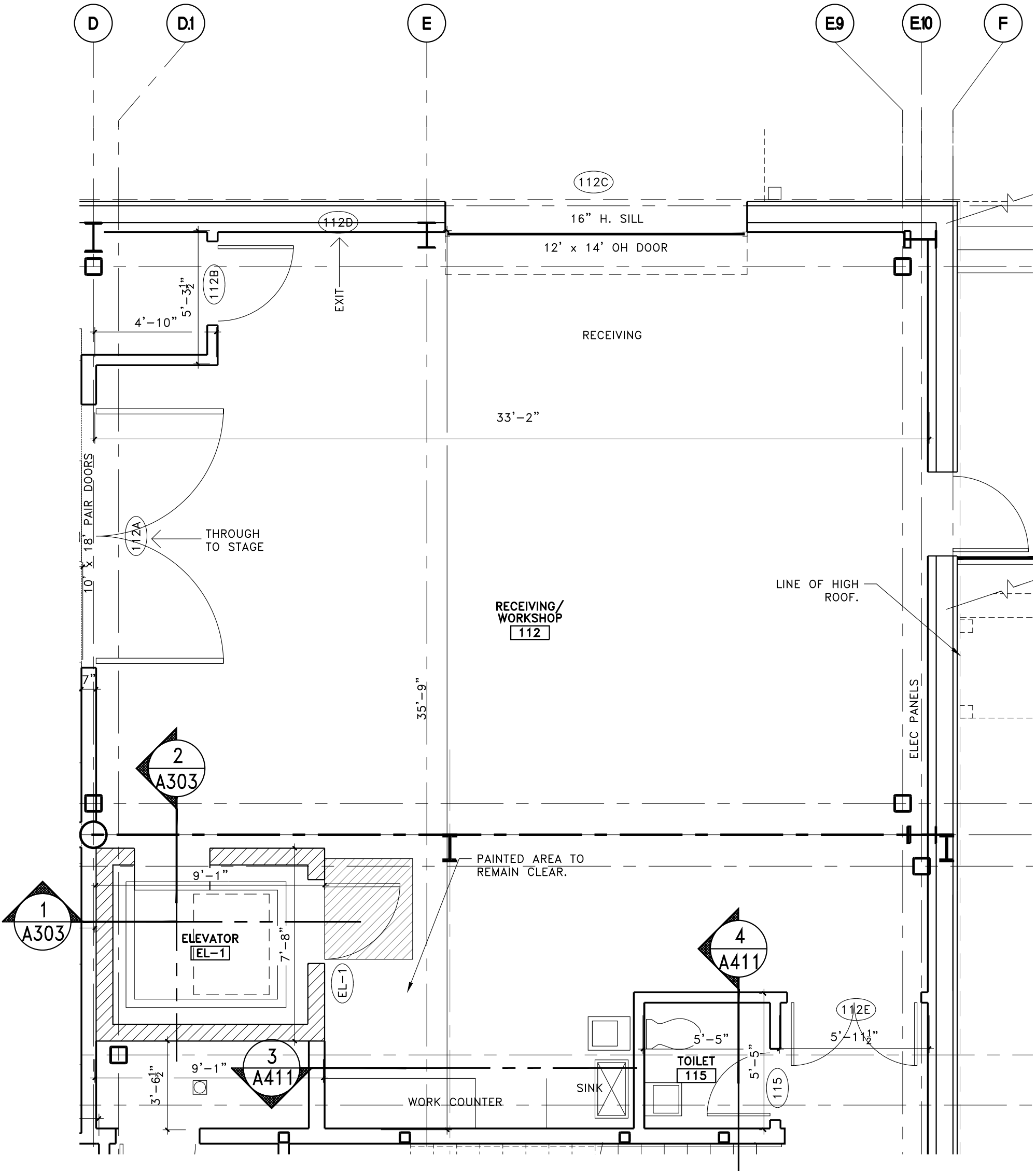
A-411



ENLARGED MAIN STAGE
AND LOWERED SEATING PLAN

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

2
A411

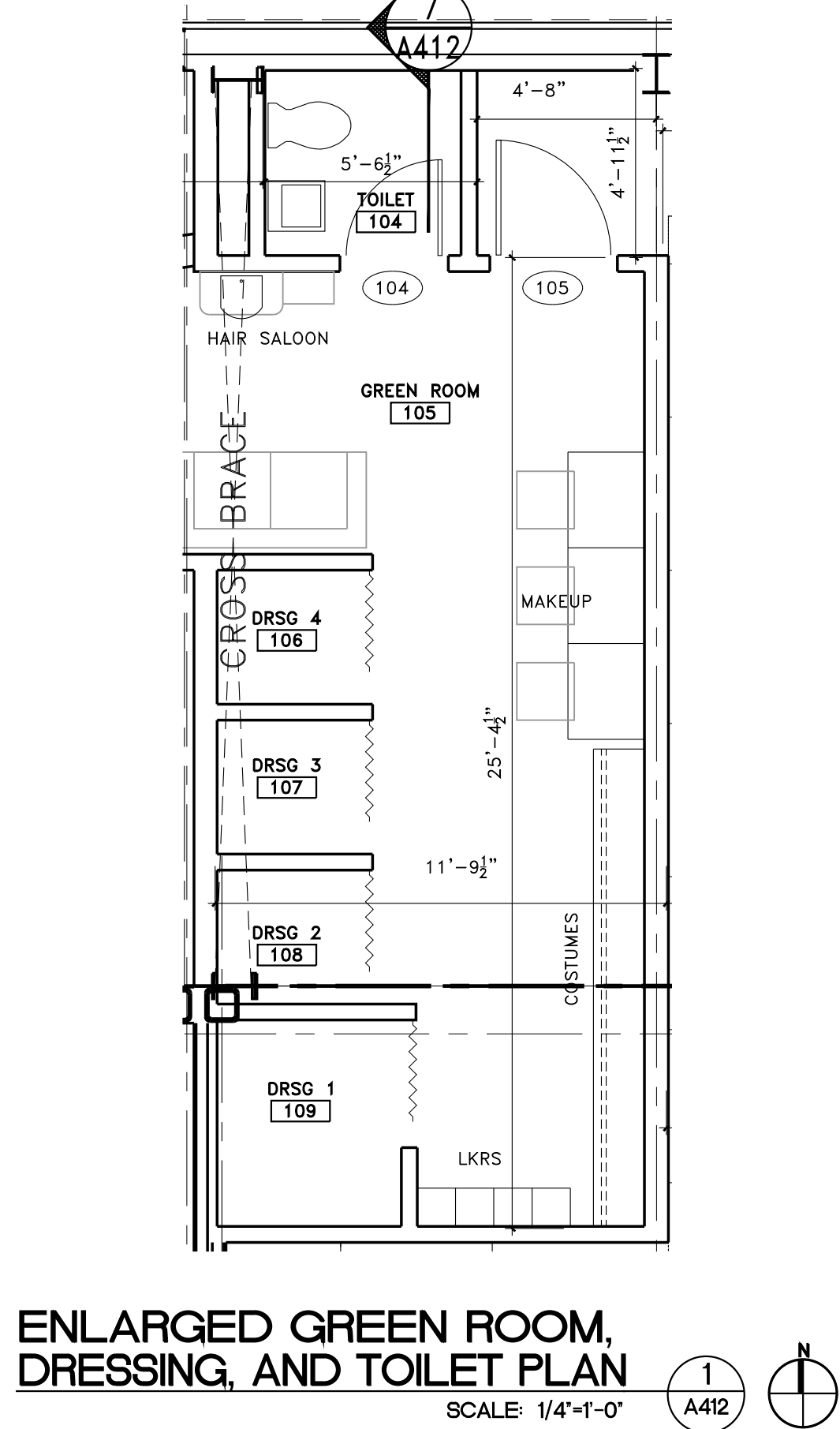
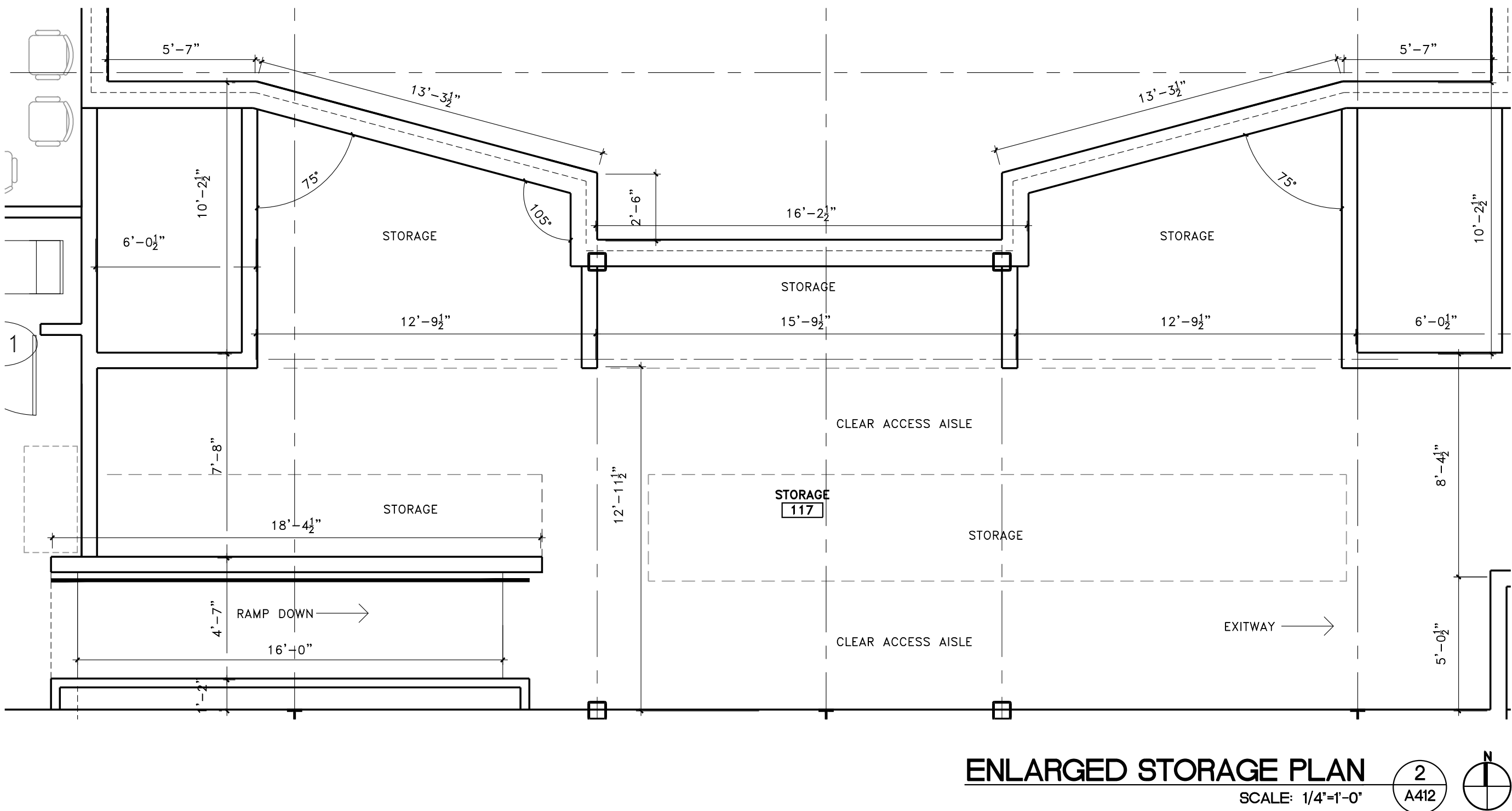
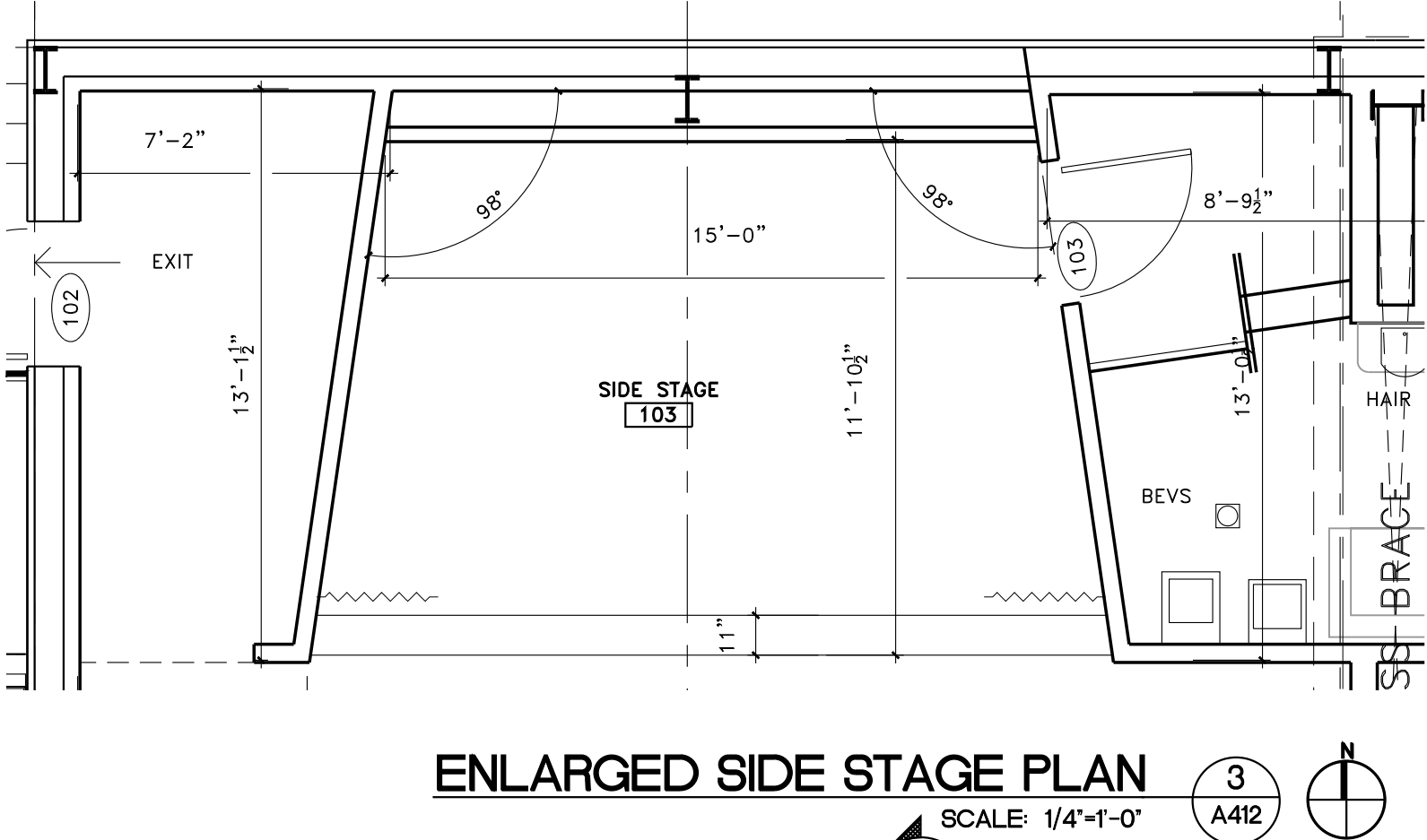
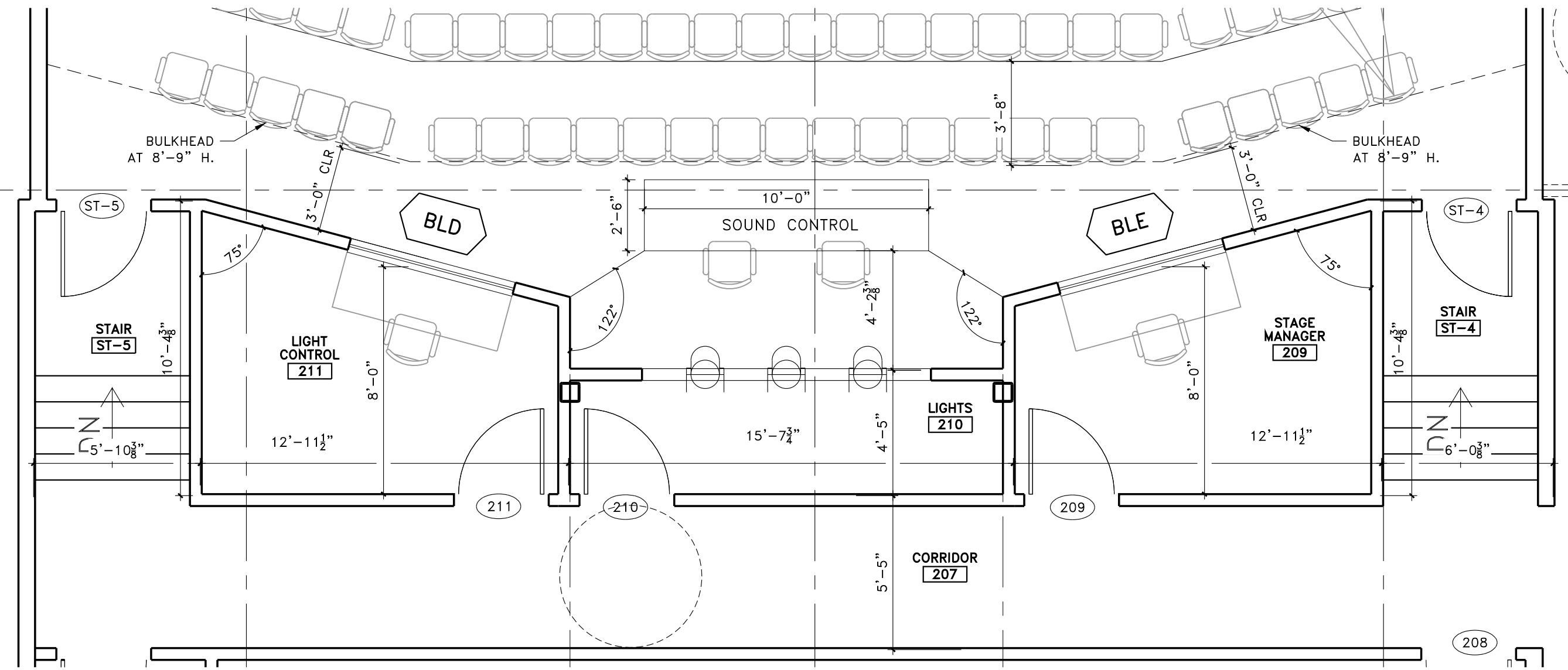
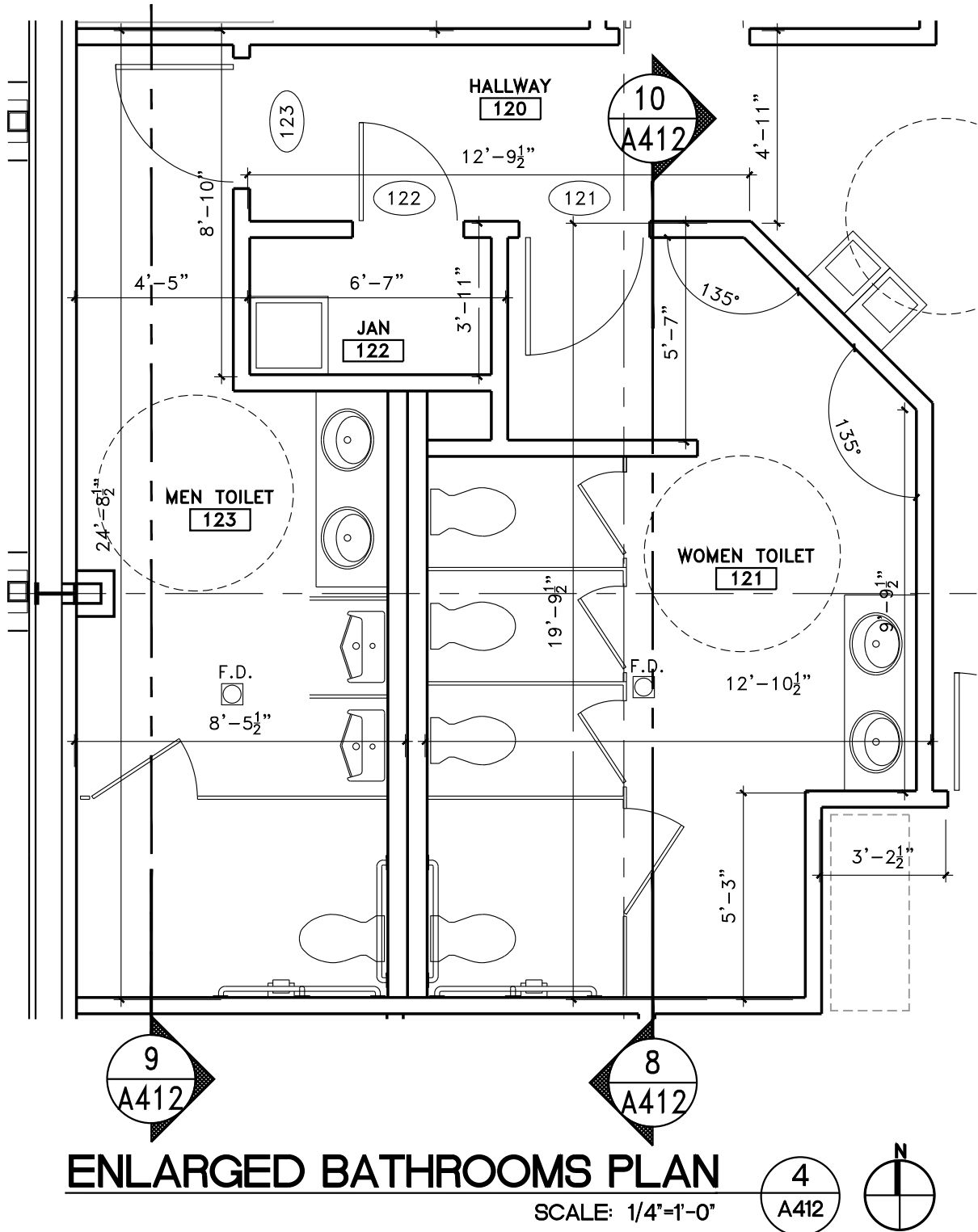
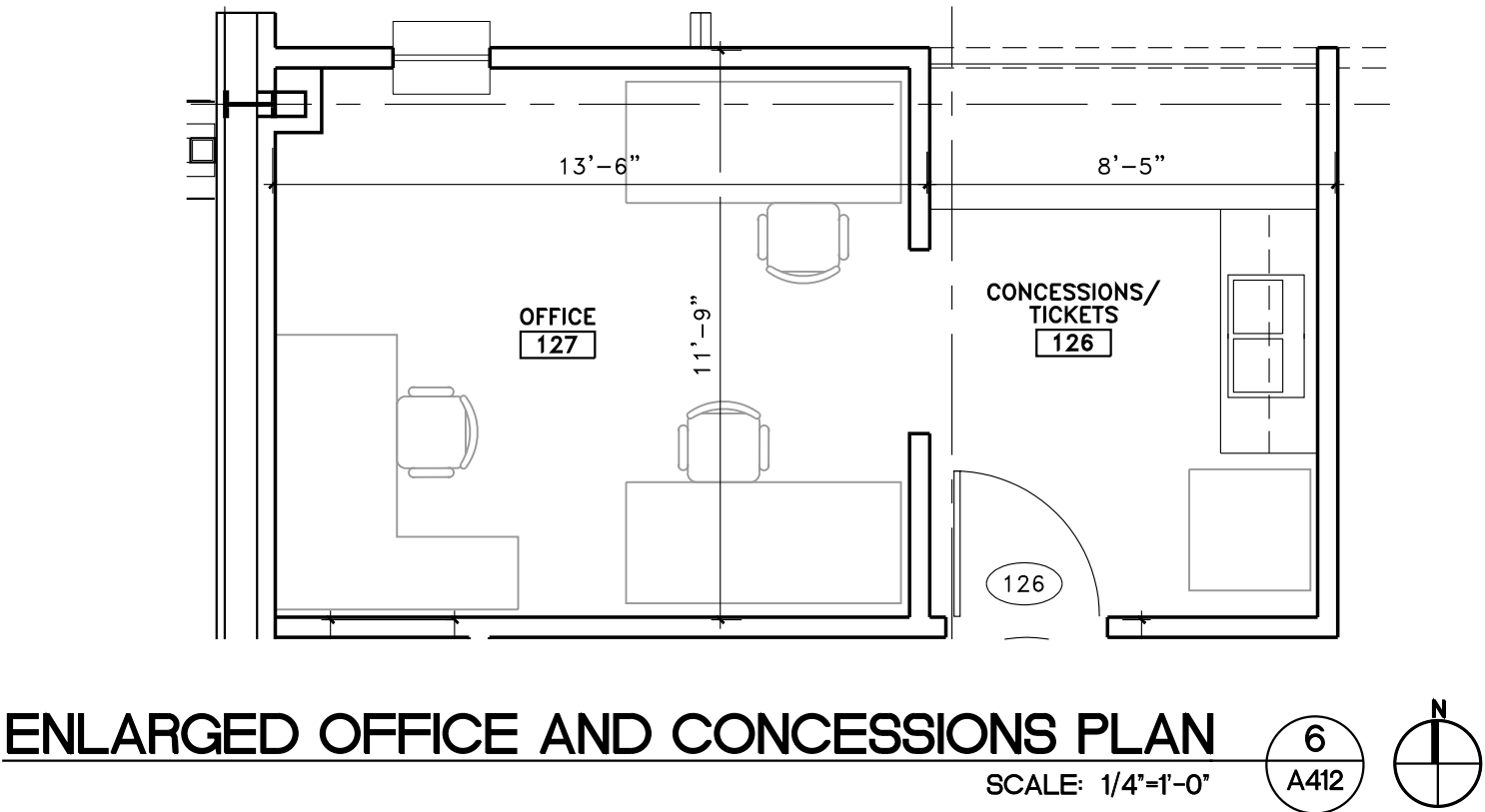
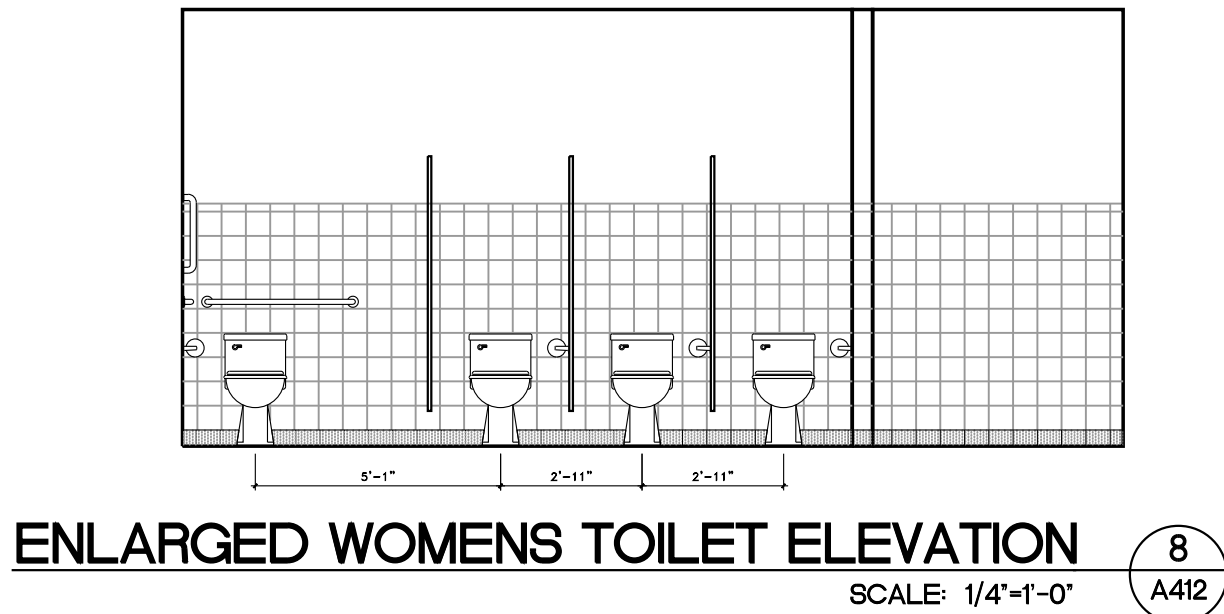
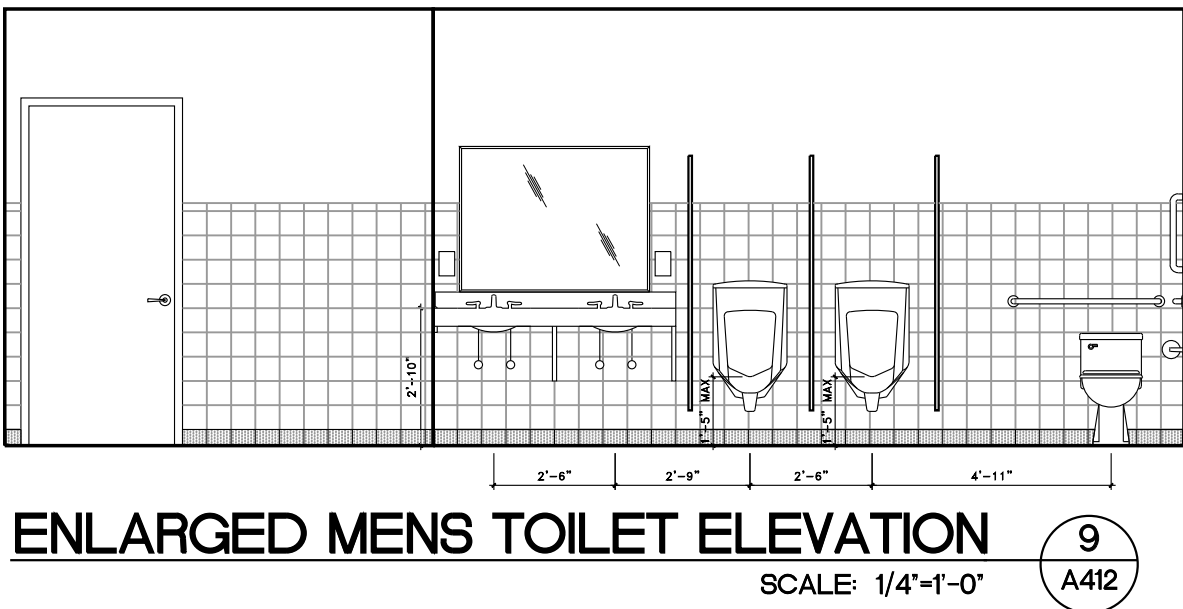
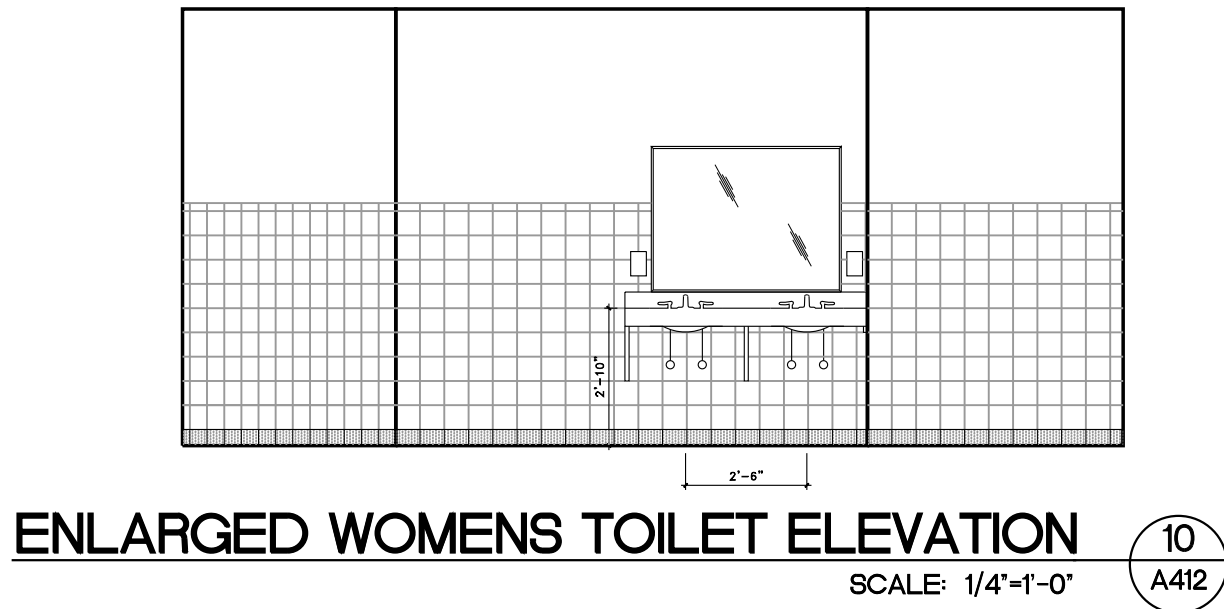


ENLARGED RECEIVING/WORKSHOP PLAN

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

1
A411





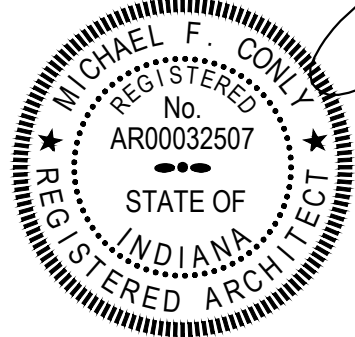
REVISIONS		
MARK	DATE	DESCRIPTION

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CHECKED BY: M.F.C.

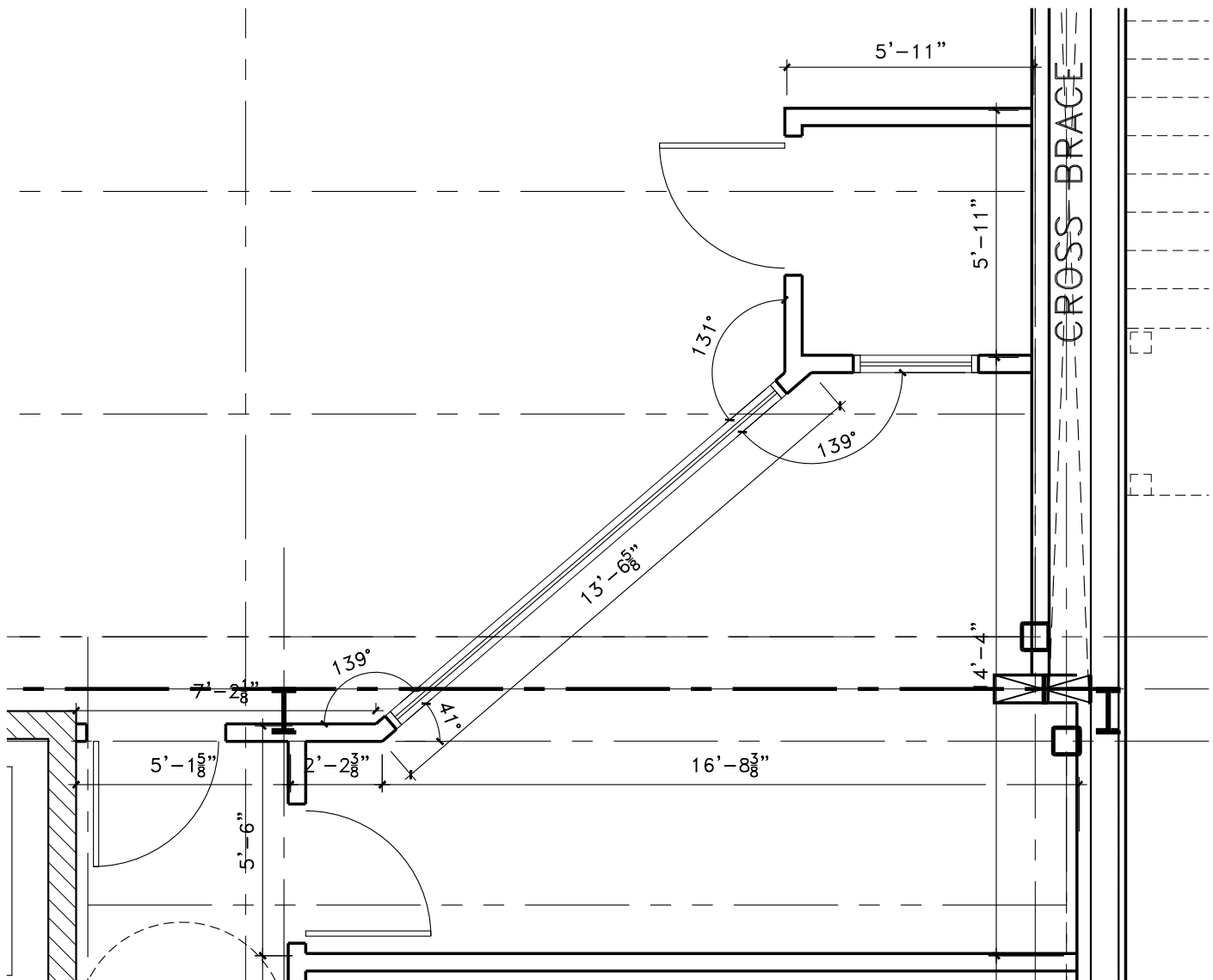
REVISIONS		
MARK	DATE	DESCRIPTION

PROJECT NAME
SHELBY COUNTY
PLAYERS

1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE
ENLARGED FLOOR
PLANS

SHEET NUMBER
A-413

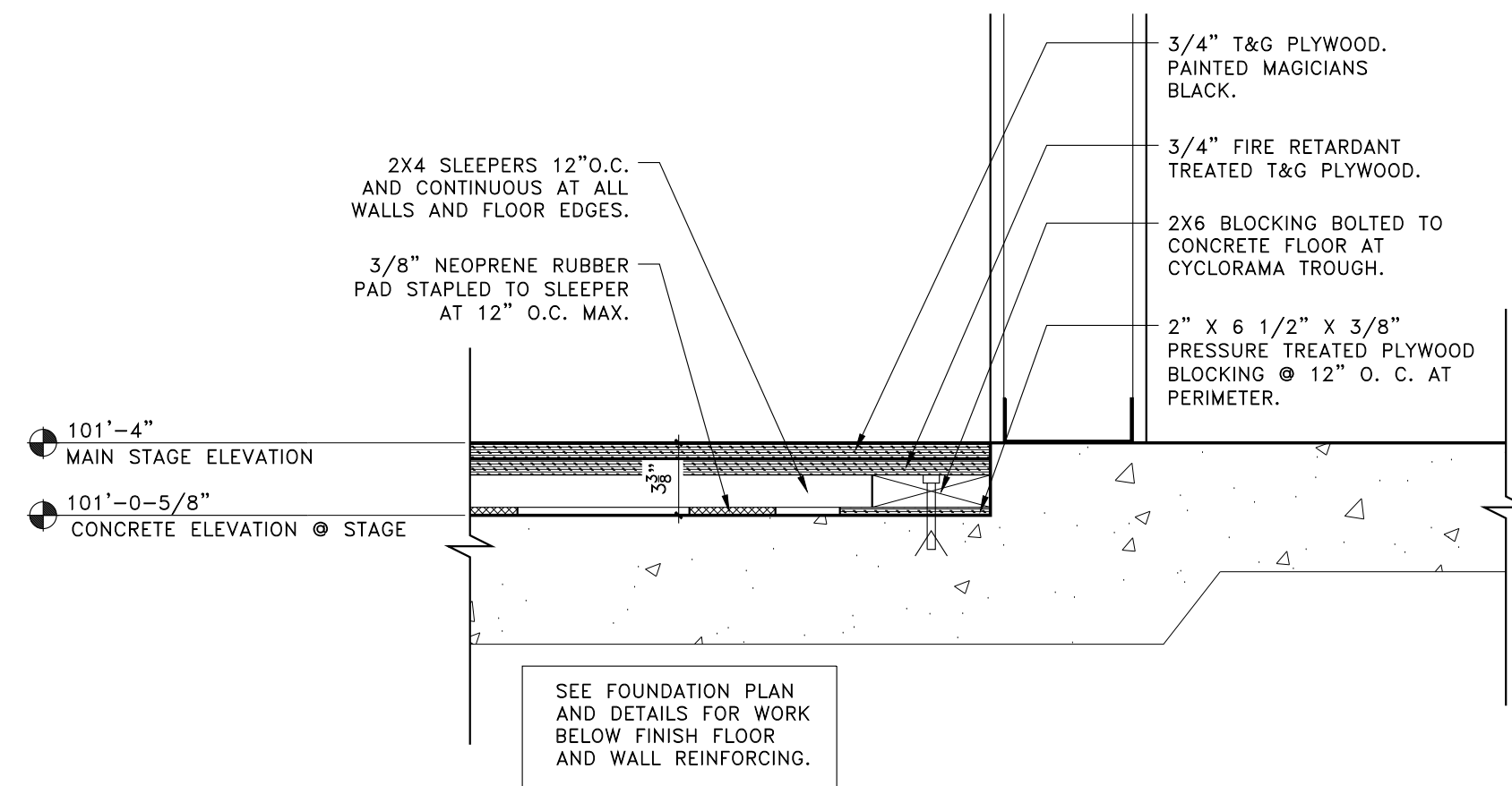


ENLARGED SOUND, VOCAL,
AND ORCHESTRA ROOM PLAN

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

1
A413

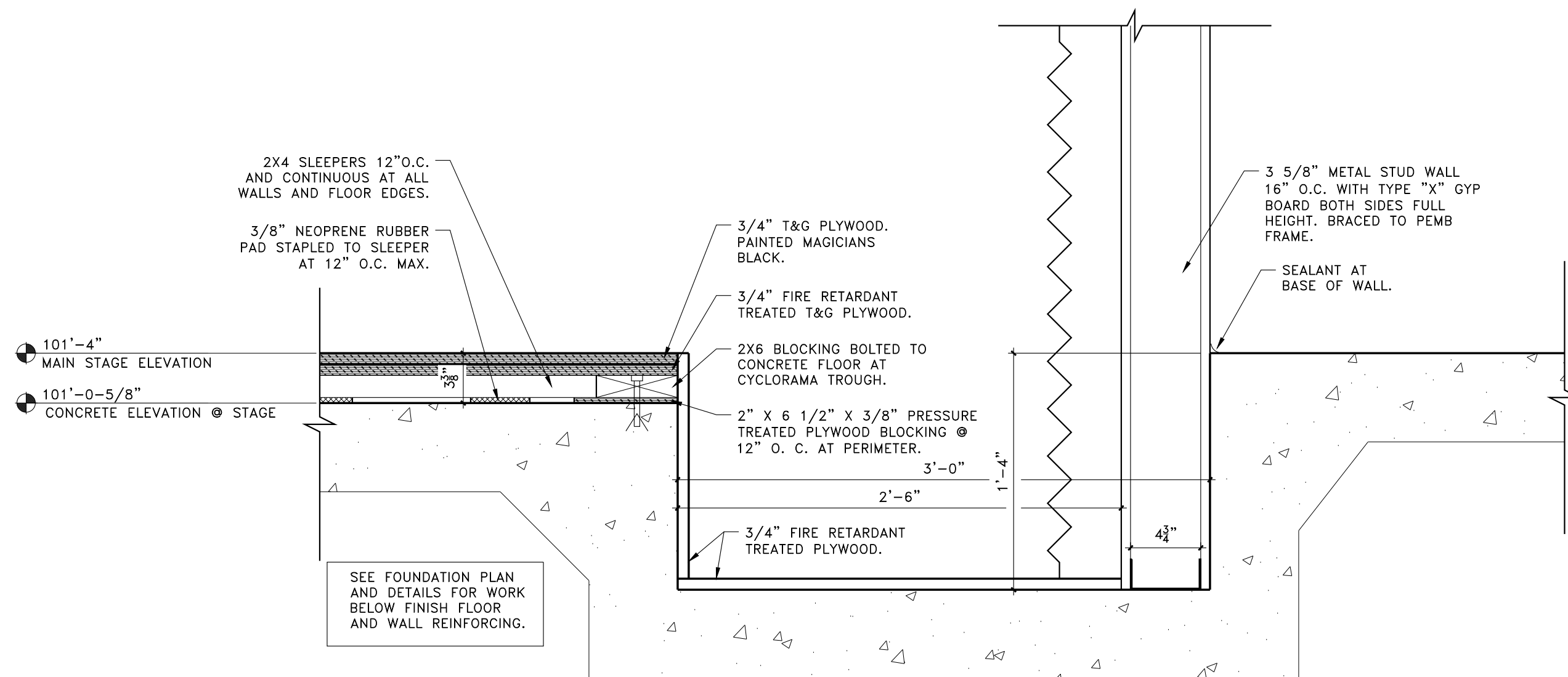




CONCRETE EDGE to STAGE DETAIL

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

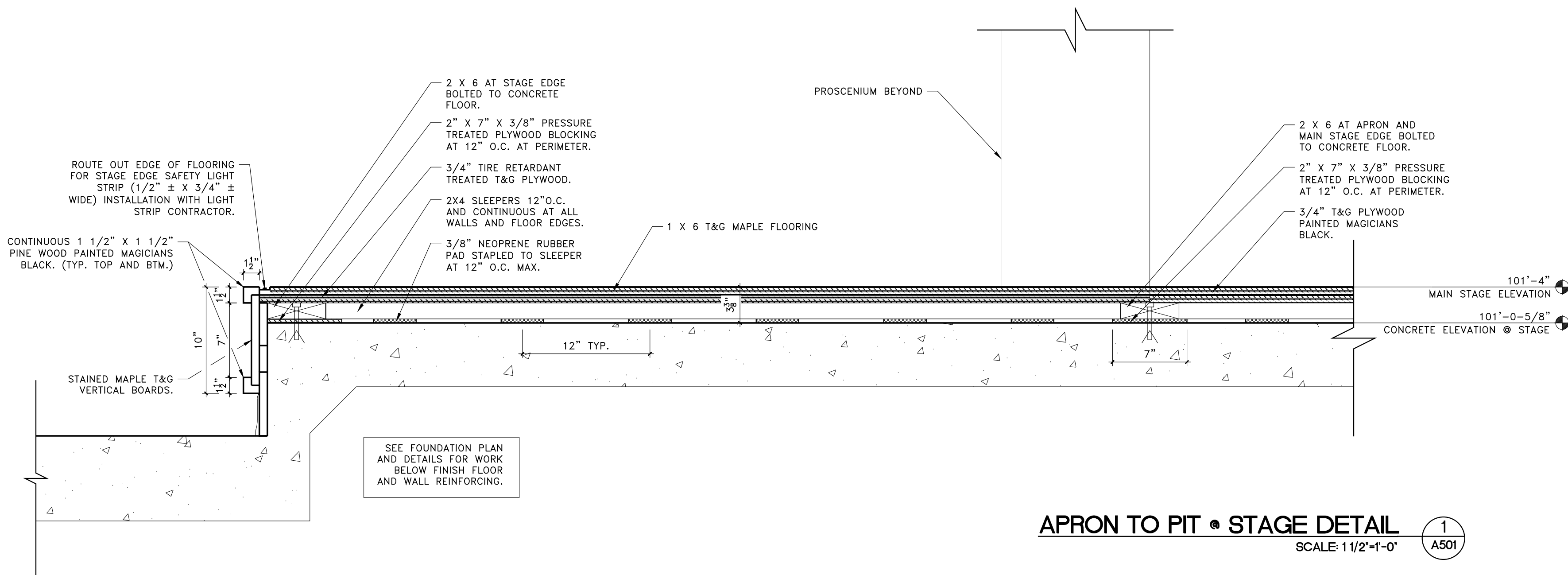
3
A501



CYCLORAMA to STAGE DETAIL

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

2
A501



APRON TO PIT to STAGE DETAIL

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

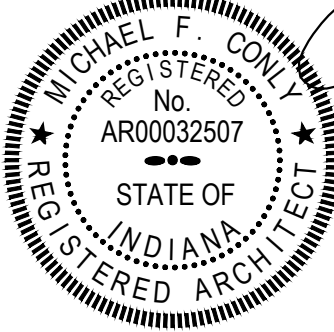
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A501

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MARK	DATE	DESCRIPTION

PROJECT NAME

SHELBY COUNTY PLAYERS

1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

DETAILS

SHEET NUMBER

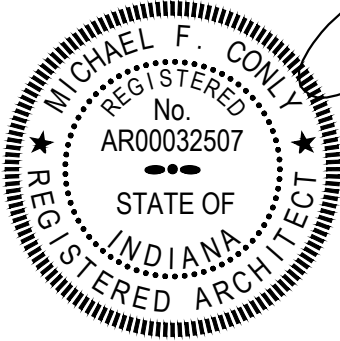
A-501

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MARK	DATE	DESCRIPTION

PROJECT NAME
SHELBY COUNTY
PLAYERS

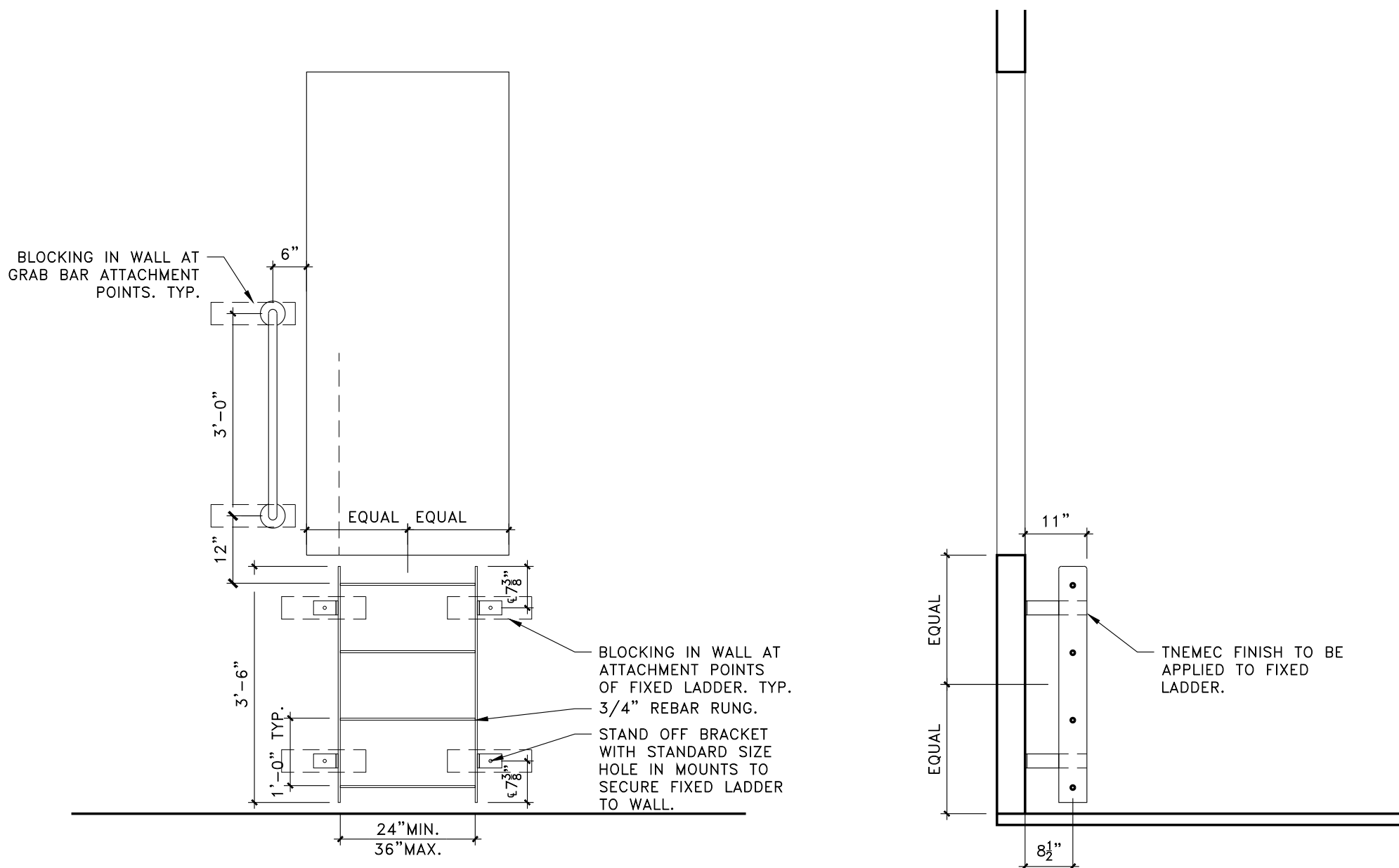
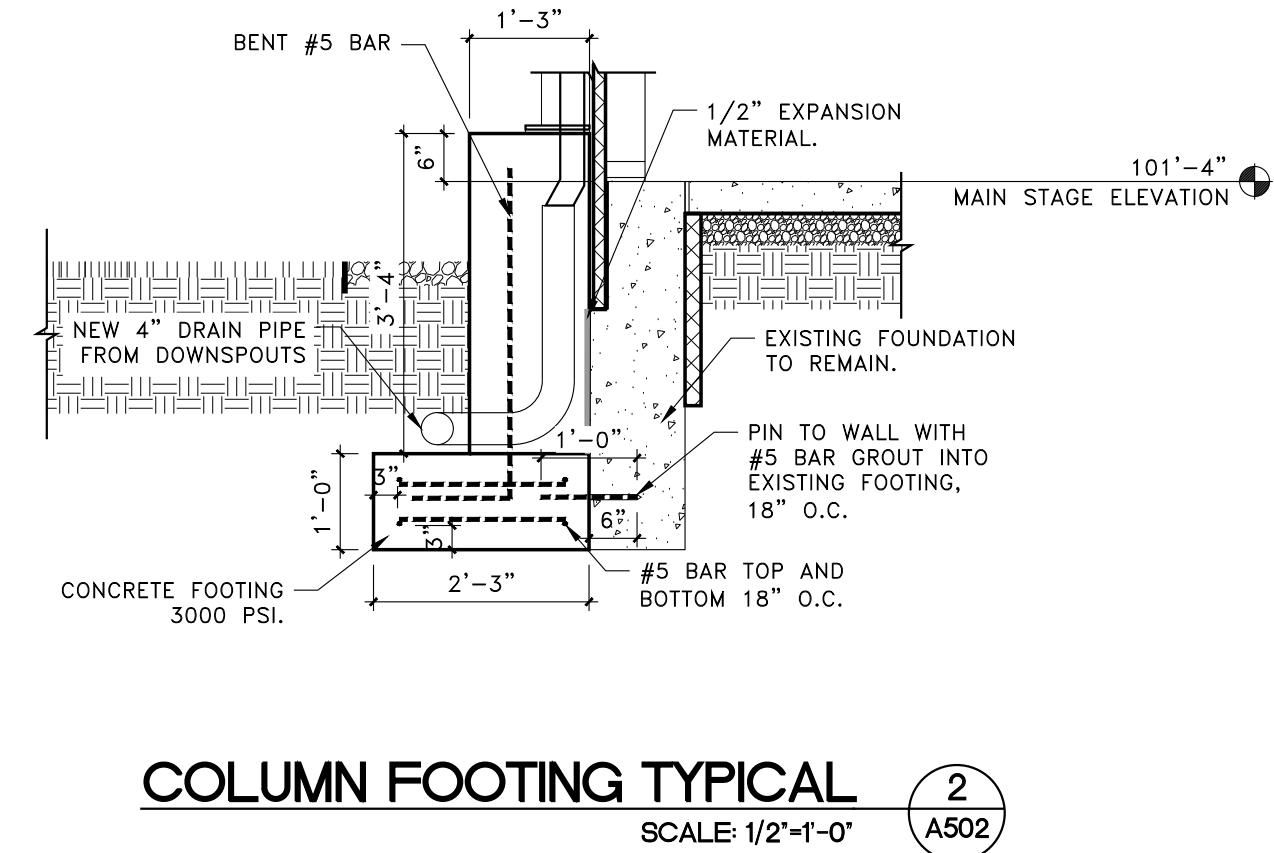
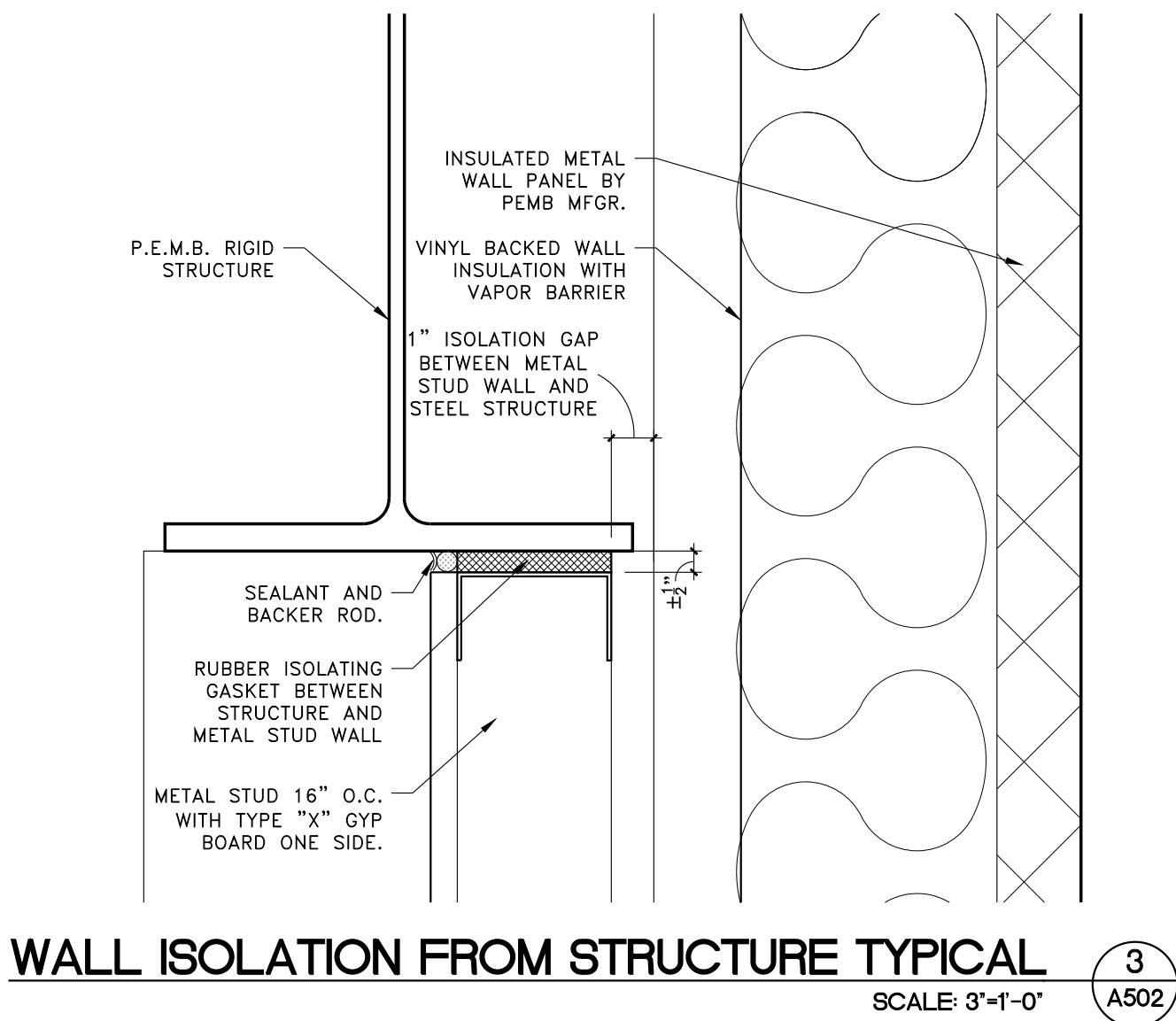
1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

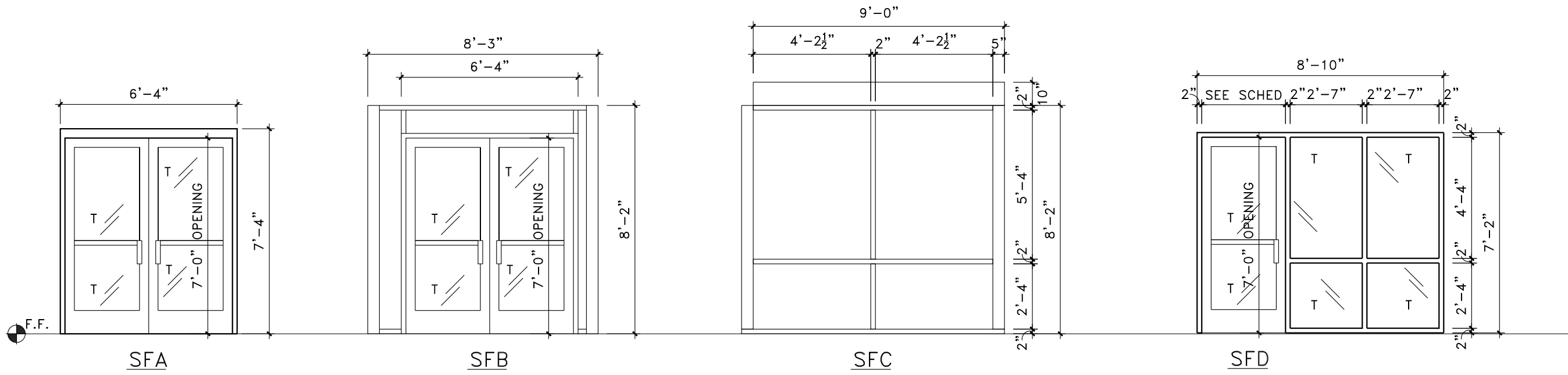
DETAILS

SHEET NUMBER

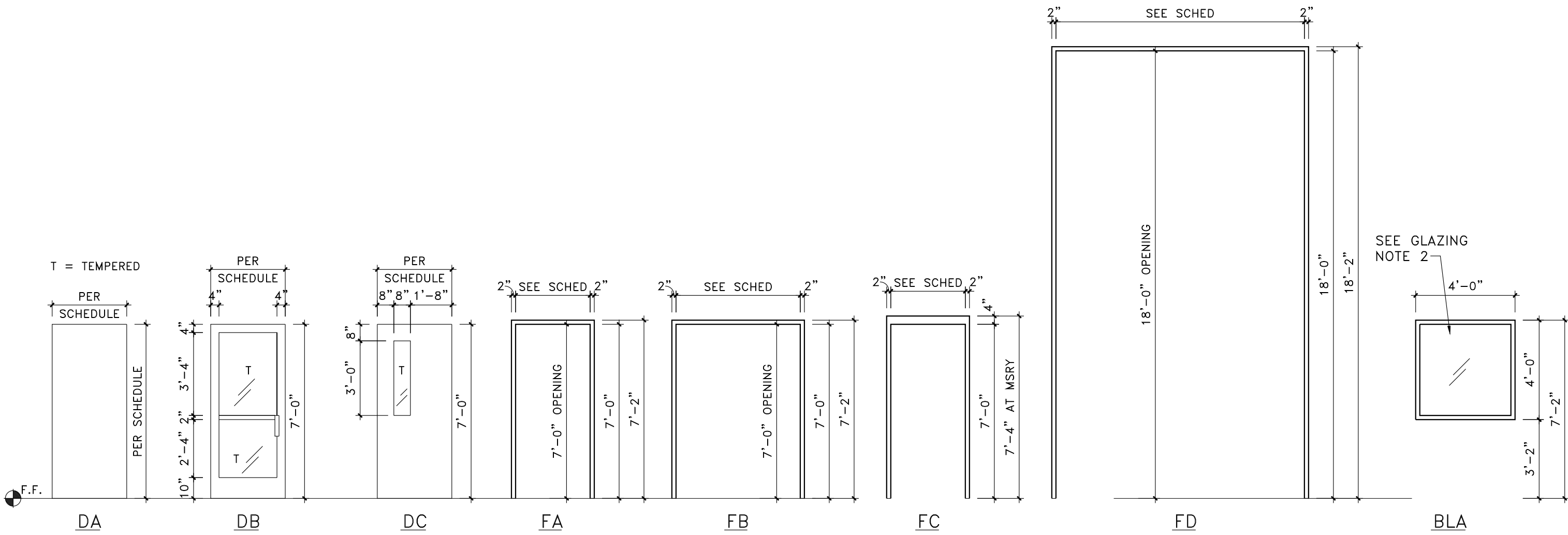
A-502



FIXED LADDER AT 214 ENTRY
SCALE: 1/2'-1'-0"



STOREFRONT GLAZING ELEVATIONS
SCALE: 1/4" = 1'-0"
2
A-611



DOOR, DOOR FRAME, BORROWED LIGHT AND WINDOW ELEVATIONS
SCALE: 1/4" = 1'-0"
1
A-611

DOOR SCHEDULE											
DOOR DATA						FRAME DATA				REMARKS	
DOOR MARK	DOOR SIZE			DOOR MATERIAL	GLASS TYPE	FRAME MATERIAL		HARDWARE	FIRE RATING	NO.	
	PR.	WIDE	HIGH								
(MARK)					ELEV		ELEV				
101A	PAIR	3'-0"	7'-0"	ALUMINUM	-	DB	ALUMINUM	SFA	01	-	1. LOUVER
101B	PAIR	3'-0"	7'-0"	ALUMINUM	-	DB	ALUMINUM	SFB	01	-	
102	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	-	
103	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	1 HOUR	
104	-	2'-6"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	-	
105	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DC	HOLLOW METAL, PAINTED	FA	01	1 HOUR	
110A	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	-	
110B	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	1 HOUR	
112A	PAIR	5'-0"	18'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FD	01	1 HOUR	
112B	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DC	HOLLOW METAL, PAINTED	FA	01	1 HOUR	
112C	-	12'-0"	14'-0"	EXISTING OVERHEAD DOOR	-	-	HOLLOW METAL, PAINTED	-	-	-	
112D	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	-	
112E	PAIR	2'-6"	7'-0"	SOLID CORE WOOD	-	DC	HOLLOW METAL, PAINTED	FB	01	-	
113	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	1 HOUR	
114	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	-	
115	-	2'-6"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	-	
116	PAIR	2'-6"	7'-0"	SOLID CORE WOOD	-	DC	HOLLOW METAL, PAINTED	FB	01	1 HOUR	
119	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DC	HOLLOW METAL, PAINTED	FA	01	-	
120	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	-	
121	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	-	
122	-	2'-6"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	-	
123	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	-	
124	-	3'-0"	7'-0"	ALUMINUM	-	DB	ALUMINUM	SFD	01	-	
125	-	2'-6"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	-	
126	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	-	
128	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	-	
129	-	3'-6"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	1 HOUR	
130	-	3'-0"	7'-0"	HOLLOW METAL, PAINTED	-	DA	HOLLOW METAL, PAINTED	FA	01	-	1
131	-	3'-0"	7'-0"	HOLLOW METAL, PAINTED	-	DA	HOLLOW METAL, PAINTED	FA	01	-	1
132	PAIR	3'-0"	7'-0"	HOLLOW METAL, PAINTED	-	DA	HOLLOW METAL, PAINTED	FB	01	1 HOUR	1
133	-	3'-0"	7'-0"	HOLLOW METAL, PAINTED	-	DA	HOLLOW METAL, PAINTED	FA	01	-	1
EL-1	-	3'-0"	7'-0"	HOLLOW METAL, PAINTED	-	DA	HOLLOW METAL, PAINTED	FA	01	-	-
ST-3A	-	3'-0"	7'-0"	HOLLOW METAL, PAINTED	-	DC	HOLLOW METAL, PAINTED	FA	01	-	-
ST-3B	-	3'-0"	7'-0"	HOLLOW METAL, PAINTED	-	DC	HOLLOW METAL, PAINTED	FA	01	-	-
ST-3C	-	3'-0"	7'-0"	HOLLOW METAL, PAINTED	-	DC	HOLLOW METAL, PAINTED	FA	01	-	-
ST-4	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	1 HOUR	-
ST-5	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	1 HOUR	-
201	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	1 HOUR	-
203	-	3'-0"	7'-0"	HOLLOW METAL, PAINTED	-	DA	HOLLOW METAL, PAINTED	FA	01	1 HOUR	1
204	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	-	-
205	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	-	-
206	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	-	-
208	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	-	-
209	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	1 HOUR	-
210	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	1 HOUR	-
211	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	1 HOUR	-
214	-	2'-8"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	1 HOUR	-
215	-	2'-8"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	1 HOUR	-
217	-	3'-0"	7'-0"	HOLLOW METAL, PAINTED	-	DA	HOLLOW METAL, PAINTED	FA	01	-	1
301	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DC	HOLLOW METAL, PAINTED	FA	01	1 HOUR	-
302A	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DC	HOLLOW METAL, PAINTED	FA	01	-	-
302B	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	-	-
303	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DC	HOLLOW METAL, PAINTED	FA	01	-	-
304	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DC	HOLLOW METAL, PAINTED	FA	01	-	-
305	-	3'-0"	7'-0"	SOLID CORE WOOD	-	DA	HOLLOW METAL, PAINTED	FA	01	-	-

HARDWARE SCHEDULE

REFER TO DOOR SCHEDULE FOR SELECTION OF DOOR HARDWARE SETS

GENERAL HARDWARE NOTES:

- VERIFY ALL LOCK FUNCTIONS AND KEYING WITH OWNER
- ALL HARDWARE SETS WITH CLOSERS TO HAVE BALL BEARING HINGES
- ALL DOORS WITH CLOSERS TO HAVE KICKPLATES ON PUSH SIDE OF DOOR, SIZE TO BE 10" HIGH X 2" LESS THAN WIDTH OF DOOR
- ALL PASSAGE AND LOCKSETS TO BE LEVER TYPE, COMPLYING TO ALL APPLICABLE ADA REQUIREMENTS
- ALL HARDWARE FINISHES TO BE SATIN ALUMINUM FINISH UNLESS OTHERWISE REQUIRED BY MANUFACTURER
- INTERIOR DOOR OPENING FORCE NOT TO EXCEED 5 PSF
- THRESHOLDS TO COMPLY WITH ALL APPLICABLE ADA REQUIREMENTS
- ALL EXTERIOR HINGES TO BE STAINLESS STEEL
- ALL FIRE RATED DOORS TO HAVE CLOSERS AND UL LISTED HARDWARE

GLAZING NOTES

- ALL WINDOWS TO BE ANODIZED ALUMINUM STOREFRONT SYSTEM WITH 1" TINTED INSULATING GLASS, INDICATED "W.". FIELD VERIFY OPENINGS.
- SEE A-613 FOR WINDOW GLAZING SPECIFICATIONS.



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Runnebohm

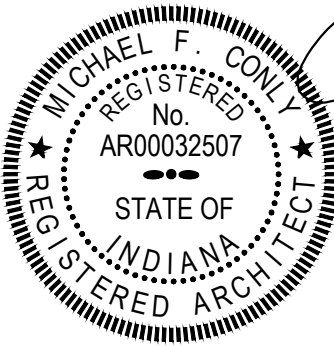
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CHECKED BY: MFC

REVISIONS

MARK	DATE	DESCRIPTION

PROJECT NAME

SHELBY COUNTY PLAYERS

1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

DOOR SCHEDULE

SHEET NUMBER

A-611

NO.	ROOM NAME	WALLS				FLOORS							BASE					CEILING							CLG.		REMARKS	
		1. PAINT	2. NO FINISH	3. PORCELAIN TILE (PT)		1	2	3	4	5	6	7	8	1	2	3	4	5	1	2	3	4	5	6	7	HT.	NO.	
101	VESTIBULE	—	—	1	1					5				1					1							8'-2"		1. SEE ACOUSTICAL ENGINEER DRAWINGS FOR ADDITIONAL INFORMATION 2. UP TO STRUCTURE ABOVE 3. SEE FIRST FLOOR SCHEDULE
102	LOBBY	1	1	1	1								3													N/A	2.	
103	SIDE STAGE	1	1	1	1	1			4					1						3						N/A	1.2	
104	TOILET	1	1	1	1	1												1								9'-0"		
105	GREEN ROOM	1	1	1	1	1								1						3						N/A	2.	
106	DRSG 4	1	1	1	1	1								1						3						N/A	2.	
107	DRSG 3	1	1	1	1	1								1						3						N/A	2.	
108	DRSG 2	1	1	1	1	1														3						N/A	2.	
109	DRSG 1	1	1	1	1	1								1						3						N/A	2.	
110	MAIN STAGE	1	1	1	1				4			7		1						3						N/A	1.2	
111	SEATING	1	1	1	1	1					6			1						3						N/A	1.	
112	RECIEVING/WORKSHOP	1	1	1	1	1								1					2							N/A	2.	
113	FOYER	1	1	1	1	1								1							5					7'-6"		
114	CORRIDOR	1	1	1	1	1								1							5					7'-6"		
115	TOILET	1	1	1	1	1								1					1							8'-0"		
116	STORAGE	1	1	1	1	1								1					2							N/A	2.	
117	STORAGE	1	1	1	1	1								1					2							N/A	2.	
118	COSTUMES	1	1	1	1	1								1					2							N/A	2.	
119	LAUNDRY	1	1	1	1						5								1							9'-0"		
120	HALLWAY	1	1	1	1	1			3					1					1							8'-0"		
121	WOMEN TOILET	1,3	1,3	1,3	1,3	2								2				1								9'-0"		
122	JAN	1	1	1	1	1												1								N/A	2.	
123	MEN TOILET	1,3	1,3	1,3	1,3	2								2					1							9'-0"		
124	MEETING/BUSINESS	1	1	1	1			3						1				1								9'-0"		
125	CLOS	1	1	1	1			3						1					1							9'-0"		
126	CONCESSIONS/TICKETS	1	1	1	1						5							1										

1. ALL CASEWORK BASE CABINETS TO HAVE VINYL BASE ALONG TEO KICK, WHICH SHALL BE INSTALLED BY FLOORING CONTRACTOR AFTER CASEWORK IS INSTALLED.
2. ALL TRANSITIONS IN FINISH MATERIALS SHALL OCCUR AT CENTERLINE OF DOORS.
3. ALL FLOORING TRANSITIONS WHERE A DIFFERENCE IN HEIGHT OCCURS SHALL BE FEATHERED OUT A MINIMUM OF 3 FT.
4. ALL COLUMNS SHALL RECEIVE THE SAME FINISH AS ADJACENT WALL UNLESS NOTED OTHERWISE.
5. ALL GYP BOARD CEILINGS AND UNDERSIDES OF BULKHEADS SHALL BE PAINTED.
6. ROOM NUMBERS SHOWN ARE FOR REFERENCE ONLY WITHIN THE BID DOCUMENTS. COORDINATE BUILDING MANAGEMENT FOR SIGNAGE, KEYING AND OTHER FUNCTIONS AS REQUIRED.
7. SAMPLES OF ALL FINISHES REQUIRED FOR FINAL APPROVAL BY DESIGNER PRIOR TO ORDER.

FLOOR COVERINGS:
SEE SPECIFICATIONS. FINAL SELECTION TO BE DETERMINED.

SEE SPECIFICATIONS. FINAL SELECTION TO BE DETERMINED.

C-1 2x4 ACOUSTICAL CEILING TILE: HALF-SCORE,
REVEAL EDGE, SCORED TO MIMIC 2x2 TILE

G-B GYPSUM BOARD, PAINTED.

OTA
ROOF

OPEN TO ABOVE - EXPOSED UNDERSIDE OF
STRUCTURE.

SEE SPECIFICATIONS. FINAL SELECTION TO BE DETERMINED.

ALL WALLS TO RECEIVE ONE PRIMER COAT & TWO FINISH COATS MINIMUM.

COLOR SUBMITTAL SAMPLE REQUIRED PRIOR TO PAINTING

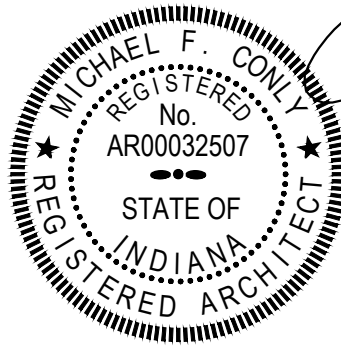


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DATE: 01/24/2023

COMMISSION: 20112

DRAWING BY: R.M.S.

CHECKED BY: M.F.C.

REVISIONS

[illegible]

PROJECT NAME

SHELBY COUNTY PLAYERS

1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

ROOM FINISH SCHEDULE

SHEET NUMBER

A-612

SECTION 088813 - FIRE-RATED GLAZING	
PART 1 - GENERAL	
1.1	SUMMARY
A.	Section Includes:
1.	Fire-resistance-rated glazing.
1.2	DEFINITIONS
A.	Fire-Resistance-Rated Glazing: Glazing that prevents spread of fire and smoke and radiant heat and complies with requirements for rated walls and rated openings, capable of blocking radiant heat
B.	Glass Manufacturers: Firms that produce primary glass, fabricated glass, or both, as defined in referenced glazing publications.
C.	Glass Thicknesses: Indicated by thickness designations in millimeters in accordance with ASTM C1036.
1.3	COORDINATION
A.	Coordinate glazing channel dimensions to provide necessary bite on glass, minimum edge and face clearances, and adequate sealant thicknesses, with reasonable tolerances.
1.4	ACTION SUBMITTALS
A.	Product Data: For each type of product.
B.	Glass Samples: For each type of glass product; 12 inches (300 mm) square.
C.	Glazing Schedule: List glass types and thicknesses for each size opening and location. Use same designations indicated on Drawings.
1.5	INFORMATIONAL SUBMITTALS
A.	Qualification Data: For Installer and glass testing agency.
B.	Product Certificates: For each type of glass and glazing product.
C.	Sample Warranties: For special warranties.

2.	AAMA 810.1, Type 2, for glazing applications in which tape is used in combination with a full bead of liquid sealant.
2.7	MISCELLANEOUS GLAZING MATERIALS
A.	General: Provide products of material, size, and shape complying with referenced glazing standard, recommended in writing by manufacturers of glass and other glazing materials for application indicated, and with a proven record of compatibility with surfaces contacted in installation.
B.	Cylindrical Glazing Sealant Backing: ASTM C1330, Type O (open-cell material), of size and density to control glazing sealant depth and otherwise produce optimum glazing sealant performance.
C.	Perimeter Insulation for Fire-Resistance-Rated Glazing: Product that is approved by testing agency that listed and labeled fire-resistant glazing product with which it is used for application and fire-protection rating indicated.
2.8	FABRICATION OF GLAZING UNITS
A.	Fabricate glazing units in sizes required to fit openings indicated for Project, with edge and face clearances, edge and surface conditions, and bite complying with written instructions of product manufacturer and referenced glazing publications, to comply with system performance requirements.
PART 3 - EXECUTION	
3.1	EXAMINATION
A.	Examine framing, glazing channels, and stops, with Installer present, for compliance with manufacturing and installation tolerances, including those for size, squareness, and offsets at corners, and for compliance with minimum required face and edge clearances.
B.	Proceed with installation only after unsatisfactory conditions have been corrected.
3.2	PREPARATION
A.	Clean glazing channels and other framing members receiving glass immediately before glazing. Remove coatings not firmly bonded to substrates.
B.	Examine glazing units to locate fire side and protected side. Label or mark units as needed so that fire side and protected side are readily identifiable. Do not use materials that leave visible marks in the completed Work.
3.3	GLAZING, GENERAL
A.	Use methods approved by testing agencies that listed and labeled fire-resistant glazing products.

1.6	QUALITY ASSURANCE
A.	Installer Qualifications: A qualified installer who employs glass installers for this Project who are certified under the NGA's Certified Glass Installer Program.
1.7	DELIVERY, STORAGE, AND HANDLING
A.	Protect glazing materials in accordance with manufacturer's written instructions. Prevent damage to glass and glazing materials from condensation, temperature changes, direct exposure to sun, or other causes.
1.8	FIELD CONDITIONS
A.	Environmental Limitations: Do not deliver or install fire-resistant glazing until spaces are enclosed and weathertight and temporary HVAC system is operating and maintaining ambient temperature conditions at occupancy levels during remainder of construction period.
1.9	WARRANTY
A.	Manufacturer's Special Warranty for Laminated Glass: Manufacturer agrees to replace laminated-glass units that deteriorate within specified warranty period. Deterioration of laminated glass is defined as defects developed from normal use that are not attributed to glass breakage or to maintaining and cleaning laminated glass contrary to manufacturer's written instructions. Defects include edge separation, delamination materially obstructing vision through glass, and blemishes exceeding those allowed by referenced laminated-glass standard.
1.	Warranty Period: Five years from date of Substantial Completion.
B.	Manufacturer's Special Warranty for Tempered Glazing Units with Clear Intumescent Interlayer: Manufacturer agrees to replace units that deteriorate within specified warranty period. Deterioration of tempered glazing units with clear intumescent interlayer is defined as failure of hermetic seal under normal use that is not attributed to glass breakage or to maintaining and cleaning glass contrary to manufacturer's written instructions. Evidence of failure is air bubbles within units, or obstruction of vision by contamination or deterioration of intumescent interlayer.
1.	Warranty Period: Five years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1	SOURCE LIMITATIONS
A.	Glass: For each glass type, obtain from single source from single manufacturer.
B.	Glazing Accessories: For each product and installation method, obtain from single source from single manufacturer.

B.	Comply with combined written instructions of manufacturers of glass, sealants, gaskets, and other glazing materials unless more stringent requirements are indicated, including those in referenced glazing publications.
C.	Protect glass edges from damage during handling and installation. Remove damaged glass from Project site and legally dispose of off Project site. Damaged glass is glass with edge damage or other imperfections that, when installed, could weaken glass and impair performance and appearance.
D.	Apply primers to joint surfaces where required for adhesion of sealants, as determined by preconstruction testing.
E.	Install setting blocks in sill rabbits, sized and located to comply with referenced glazing publications unless otherwise required by glass manufacturer. Set blocks in thin course of compatible sealant suitable for heel bead.
F.	Do not exceed edge pressures stipulated by glass manufacturers for installing glass lites.
G.	Provide spacers for glass lites where length plus width is larger than 50 inches (1270 mm).
1.	Locate spacers directly opposite each other on both inside and outside faces of glass. Install correct size and spacing to preserve required face clearances unless gaskets and glazing tapes are used that have demonstrated ability to maintain required face clearances and to comply with system performance requirements.
2.	Provide 1/8-inch- (3-mm-) minimum bite of spacers on glass and use thickness equal to sealant width. With glazing tape, use thickness slightly less than final compressed thickness of tape.
H.	Provide edge blocking where indicated or needed to prevent glass lites from moving sideways in glazing channel, as recommended in writing by glass manufacturer and in accordance with requirements in referenced glazing publications.
I.	Set glass lites with proper orientation so that coatings face fire side or protected side as specified.
J.	Where wedge-shaped gaskets are driven into one side of channel to pressurize sealant or gasket on opposite side, provide adequate anchorage so gasket cannot walk out when installation is subjected to movement.
K.	Square cut wedge-shaped gaskets at corners and install gaskets in a manner recommended by gasket manufacturer to prevent corners from pulling away; seal corner joints and butt joints with sealant recommended in writing by gasket manufacturer.
3.4	TAPE GLAZING
A.	Position tapes on fixed stops so that, when compressed by glass, their exposed edges are flush with or protrude slightly above sightline of stops.

2.2	PERFORMANCE REQUIREMENTS
A.	General: Installed glazing systems shall withstand normal thermal movement and impact loads (where applicable) without failure, including loss or glass breakage attributable to defective manufacture, fabrication, or installation; deterioration of glazing materials; or other defects in construction.
2.3	GLASS PRODUCTS, GENERAL
A.	Glazing Publications: Comply with published recommendations of glass product manufacturers and organization below unless more stringent requirements are indicated. See these publications for glazing terms not otherwise defined in this Section or in referenced standards.
1.	NGA Publications: "Laminated Glazing Reference Manual" and "Glazing Manual."
B.	Safety Glazing Labeling: Where safety glazing is indicated, permanently mark glazing with certification label of the SGCC or another certification agency acceptable to authorities having jurisdiction [or manufacturer. Label shall indicate manufacturer's name, type of glass, glass thickness, and safety glazing standard with which glass complies.
2.4	GLASS PRODUCTS
A.	Float Glass: ASTM C1036, Type I, Quality-Q3, Class I (clear) unless otherwise indicated.
B.	Low-Iron Float Glass: ASTM C1036, Type I, Quality-Q3, Class I (clear), with visible light transmission not less than 91 percent.
C.	Tempered Float Glass: ASTM C1048, Kind FT (fully tempered), Condition A (uncoated) unless otherwise indicated, Type I, Class I (clear) unless otherwise indicated, Quality-Q3.
1.	Fabrication Process: By horizontal (roller-hearth) process with roll-wave distortion parallel to bottom edge of glass as installed unless otherwise indicated.
D.	Laminated Glass: ASTM C1172. Use materials that have a proven record of no tendency to bubble, discolor, or lose physical and mechanical properties after fabrication and installation.
1.	Construction: Laminate glass with polyvinyl butyral interlayer unless fire-protection or fire-resistance rating is based on another product.
2.	Interlayer Thickness: Provide thickness as needed to comply with requirements.
3.	Interlayer Color: Clear unless otherwise indicated.
2.5	FIRE-RESISTANCE-RATED GLAZING
A.	General: Listed and labeled by a testing agency acceptable to authorities having jurisdiction, for fire-resistance ratings indicated, based on testing in accordance with ASTM E119 or UL 263.
B.	Fire-Resistance-Rated Glazing Labeling: Permanently mark fire-resistance-rated glazing with certification label of a testing agency acceptable to authorities having jurisdiction. Label shall

B.	Install tapes continuously, but not necessarily in one continuous length. Do not stretch tapes to make them fit opening.
C.	Cover vertical framing joints by applying tapes to heads and sills first and then to jambs. Cover horizontal framing joints by applying tapes to jambs and then to heads and sills.
D.	Place joints in tapes at corners of opening with adjoining lengths butted together, not lapped. Seal joints in tapes with compatible sealant approved by tape manufacturer.
E.	Do not remove release paper from tape until right before each glazing unit is installed.
F.	Center glass lites in openings on setting blocks and press firmly against tape by inserting dense compression gaskets formed and installed to lock in place against faces of removable stops. Start gasket applications at corners and work toward centers of openings.
3.5	GASKET GLAZING (DRY)
A.	Cut compression gaskets to lengths recommended by gasket manufacturer to fit openings exactly, with allowance for stretch during installation.
B.	Insert soft compression gasket between glass and frame or fixed stop, so it is securely in place with joints miter cut and bonded together at corners.
C.	Installation with Drive-in Wedge Gaskets: Center glass lites in openings on setting blocks and press firmly against soft compression gasket by inserting dense compression gaskets formed and installed to lock in place against faces of removable stops. Start gasket applications at corners and work toward centers of openings.
D.	Install gaskets so they protrude past face of glazing stops.
3.6	CLEANING AND PROTECTION
A.	Immediately after installation, remove non-permanent labels and clean surfaces.
B.	Protect glass from contact with contaminating substances resulting from construction operations. Examine glass surfaces adjacent to or below exterior concrete and other masonry surfaces at frequent intervals during construction, but not less than once a month, for buildup of dirt, scum, alkaline deposits, or stains.
1.	If, despite such protection, contaminating substances do contact with glass, remove substances immediately as recommended in writing by glass manufacturer.
C.	Remove and replace glass that is damaged during construction period.
D.	Wash glass on both exposed surfaces not more than four days before date scheduled for inspections that establish date of Substantial Completion. Wash glass as recommended in writing by glass manufacturer.
END OF SECTION 088813	

indicate manufacturer's name, test standard, that glazing is approved for use in walls, and fire-resistance rating in minutes.	
C.	Fire-Resistance-Rated Tempered Glazing Units with Clear Intumescent Interlayer: Glazing units made from two or more lites of uncoated, fully tempered, clear float glass; with a perimeter edge seal enclosing a cavity filled with optically clear, intumescent polymer; complying with 16 CFR 1201, Category II.
1.	Basis of Design Manufacturer and Products:
a.	SAFTI-FIRST.
1)	SuperLite II – XLB 60.
2)	SuperLite II – XL 60.
or:	
a.	Owner approved manufacturer.
2.6	GLAZING ACCESSORIES
A.	Provide glazing gaskets, glazing sealants, glazing tapes, setting blocks, spacers, edge blocks, and other glazing accessories that are compatible with glazing products and each other and are approved by testing agencies that listed and labeled fire-resistant glazing products with which products are used for applications and fire-protection ratings indicated.
B.	Glazing Sealants for Fire-Rated Glazing Products: Neutral-curing silicone glazing sealant complying with ASTM C920, Type S, Grade NS, Class 50, Use NT. Comply with sealant and glass manufacturers' written instructions for selecting glazing sealants suitable for applications indicated.
1.	Colors of Exposed Glazing Sealants: Match Architect's samples.
C.	Back-Bedding Mastic Glazing Tapes: Preformed, butyl-based, 100 percent solids elastomeric tape; non-staining and nonmigrating in contact with nonporous surfaces; with or without spacer rod as recommended in writing by tape and glass manufacturers for application indicated; and complying with ASTM C1281 and AAMA 800 for products indicated below:
1.	AAMA 804.3 tape, where indicated.
2.	AAMA 806.3 tape, for glazing applications in which tape is subject to continuous pressure.
3.	AAMA 807.3 tape, for glazing applications in which tape is not subject to continuous pressure.
D.	Expanded Cellular Glazing Tapes: Closed-cell, PVC foam tapes; factory coated with adhesive on both surfaces; and complying with AAMA 800 for the following types:
1.	AAMA 810.1, Type 1, for glazing applications in which tape acts as primary sealant.



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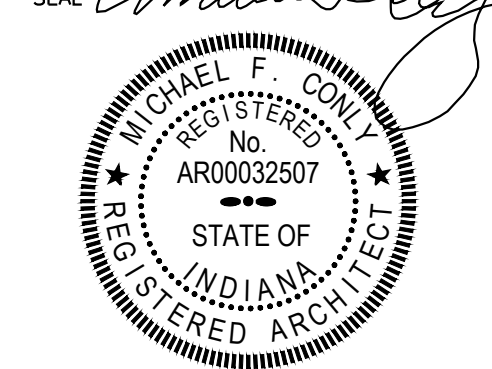


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DATE: 01/24/2023
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DRAWING BY: R.M.S.
CHECKED BY: M.F.C.

MARK	DATE	DESCRIPTION

PROJECT NAME
SHELBY COUNTY PLAYERS

1416 MILLER AVE.
SHELBYVILLE, IN 46176

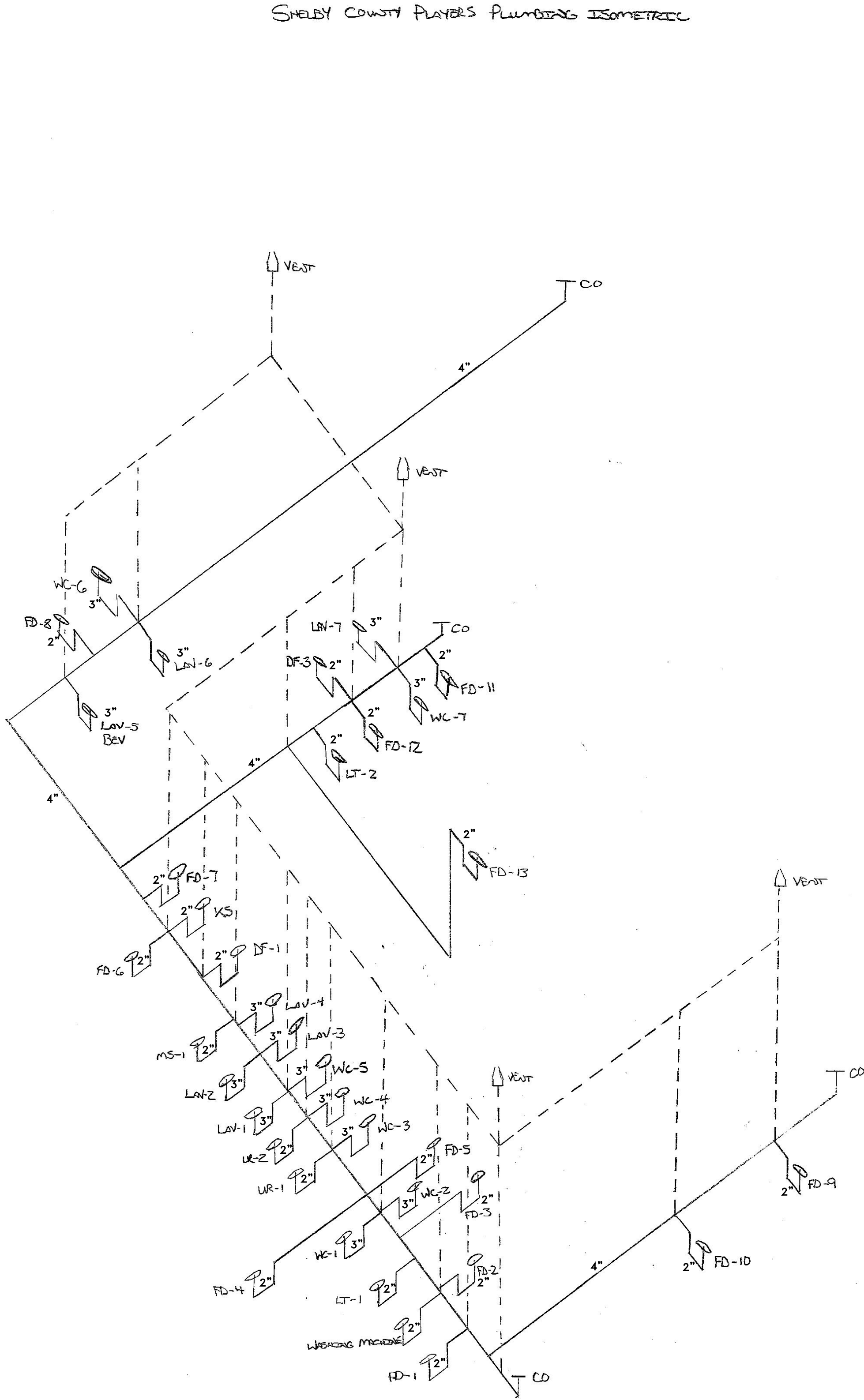
SHEET TITLE
WINDOW GLAZING SPECIFICATIONS

SHEET NUMBER

A-613

GENERAL PLUMBING NOTES

1. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND EXISTING UTILITY SERVICE LOCATIONS PRIOR TO COMMENCING WORK. NOTIFY CONSTRUCTION MANAGER OF ANY INCONSISTENCIES WITH THE PLANS AND SPECIFICATIONS.
2. PLUMBING AND PIPING SYSTEMS SHALL BE INSTALLED COMPLETE PER ALL APPLICABLE STATE AND LOCAL CODES. ALL MATERIALS, FIXTURES, DEVICES SHALL BE SUBMITTED FOR APPROVAL TO ADMINISTRATIVE AUTHORITY AND SHALL CONFORM TO APPLICABLE STANDARDS AND BE FREE FROM DEFECTS.
3. PROVIDE ALL REQUIRED WASTE, VENT, FLEX CONNECTIONS, GUAGES, SHUT-OFF VALVES, UNIONS AS REQUIRED FOR EACH FIXTURE TO MAKE A WORKING SYSTEM.
4. REFER TO ARCHITECTURAL AND SITE CIVIL DRAWINGS FOR EXACT LOCATIONS OF PIPING AND FIXTURES AND/OR ADDITIONAL PLUMBING DETAILS. DO NOT SCALE THESE DRAWINGS.
5. PIPE ROUTING IS DIAGRAMMATIC. CONTRACTOR SHALL MAKE ROUTING CHANGES AS REQUIRED TO COORDINATE WITH OTHER TRADES.
6. ALL PIPE SIZES SHOWN ON DRAWINGS OR SCHEDULED ARE MINIMUM SIZES.
7. OVERHEAD PIPING SHALL BE HELD TIGHT TO UNDERSIDE OF STRUCTURAL MEMBERS EXCEPT WHEN IN CONFLICT WITH OTHER TRADES OR OTHERWISE NOTED ON THE PLANS.
8. UNDERSLAB SANITARY PIPING SHALL BE SCH. 40 PVC & PITCHED MINIMUM OF 1/8" PER FOOT. ABOVE GRADE SANITARY/VENT PIPING SHALL BE SCH. 40 PVC PIPE WITH ARMAFLEX FLAME SPREAD COVERING IN RETURN AIR PLENUMS. COMPLY WITH ANSI/ASTM REQUIREMENTS WASTE, VENT, DRAIN PIPE SHALL COMPLY WITH 2012 IPC 675 IAC 16-1.4 701.0 TO 706.0
9. PROVIDE SCH. 40 BLACK PIPE, GAS VALVE, UNION AND DRIP LEG FOR ALL NEW GAS FIRED EQUIPMENT. NEW GAS PIPE ON ROOF SHALL BE SUPPORTED ON MANUFACTURED(NO WOOD BLOCKS) PIPE SUPPORTS.
10. PROVIDE WATER HAMMER ARRESTORS FOR EACH RESTROOM FIXTURE GROUP UPSTREAM OF LAST FIXTURE.
11. HOT AND COLD WATER PIPING ABOVE GRADE SHALL BE PEX OR CPVC PER 2012 IPC 16-1.4 604.0 TO 608.0 PIPING SIZED PER 2012 IPC 16-1.4 INSTALL PIPING SO THAT THE ENTIRE SYSTEM CAN BE DRAINED. INSTALL CHROME ESCUTCHEON PLATES AT ALL WALL/CABINET PENETRATIONS.
12. ALL HOT AND COLD WATER PIPING LOCATED ABOVE CEILINGS, ON PERIMETER AND INTERIOR WALLS, AND EXPOSED SHALL BE INSULATED WITH 1/2" ARMAFLEX. ALL WATER PIPING SUBJECTED TO BELOW FREEZING TEMPERATURES SHALL BE INSTALLED WITH ELECTRIC HEAT TRACE SIMILAR TO "FROSTEX PLUS 9600" ALL EXPOSED VISUAL WATER PIPING SHALL HAVE WHITE PVC JACKETING.
13. PROVIDE ACCESS PANELS WHERE CONTROL DEVICES, VALVES, CLEANOUTS, ETC. ARE CONCEALED WITHIN WALLS AND CEILINGS.
14. TEST WATER SYSTEM UNDER 150 PSIG COMPRESSED AIR PRESSURE FOR A MIN. OF 4 HOURS.
15. PROVIDE CLEANOUTS AT ENDS OF ALL HORIZ. RUNS AND AT BASE OF VERTICAL WASTE STACKS. CLEANOUTS SAME SIZE AS PIPE THEY SERVE. PROVIDE SUITABLE WALL OR FLOOR CLEANOUT AND COVER APPROPRIATE FOR THE SUBSTRATE
16. COMPLY WITH ALL ADA REQUIREMENTS.
17. ALL PLUMBING FIXTURES SHALL BE INSTALLED PER STATE CODE IPC 402 AND TABLE 4.1 FOR WATER CONSERVING FIXTURES AND FITTINGS. ALL FIXTURES SHALL COMPLY WITH 2012 IPC SECTION IAC 16-1.4, 401.0 TO 420.0 AND CHAPTER 29 OF THE 2014 INDIANA BUILDING CODE
18. ALL STORM DRAIN FIXTURES, LEADERS AND PIPING SHALL BE SIZED AND INSTALLED PER STATE CODE 2012 IPC IAC 16-14.1 CHAPTER 11.
19. ALL NON-FERROUS PIPE LOCATED IN RETURN PLENUMS SHALL MEET 2014 INDIANA BUILDING CODE WITH FLAME SPREAD RATING UNDER 25 AND SMOKE DEVELOPED RATING UNDER 50 WITH APPROPRIATE PIPE COVERING.
20. ALL WATER HEATERS SHALL COMPLY WITH 2012 IPC IAC 16-14.1 SECTION 501.0 TO 505.0 AND ANSI Z21 TANK CONSTRUCTION
21. ALL PUBLIC HAND WASH SINK SHALL COMPLY WITH 2012 IPC SECTION 416.5 TO HAVE THERMOSTATIC MIXING DEVICE ON HOT WATER.
22. ALL PLUMBING VENT STACKS SHALL BE PLACED A MIN. OF 10'-0" FROM ANY FRESH AIR INTAKES.

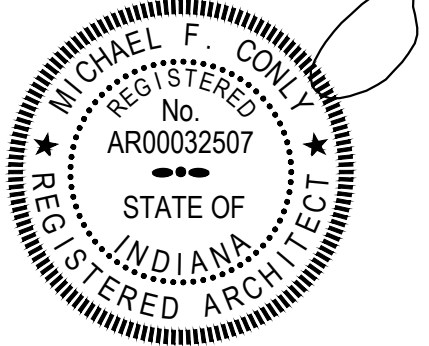


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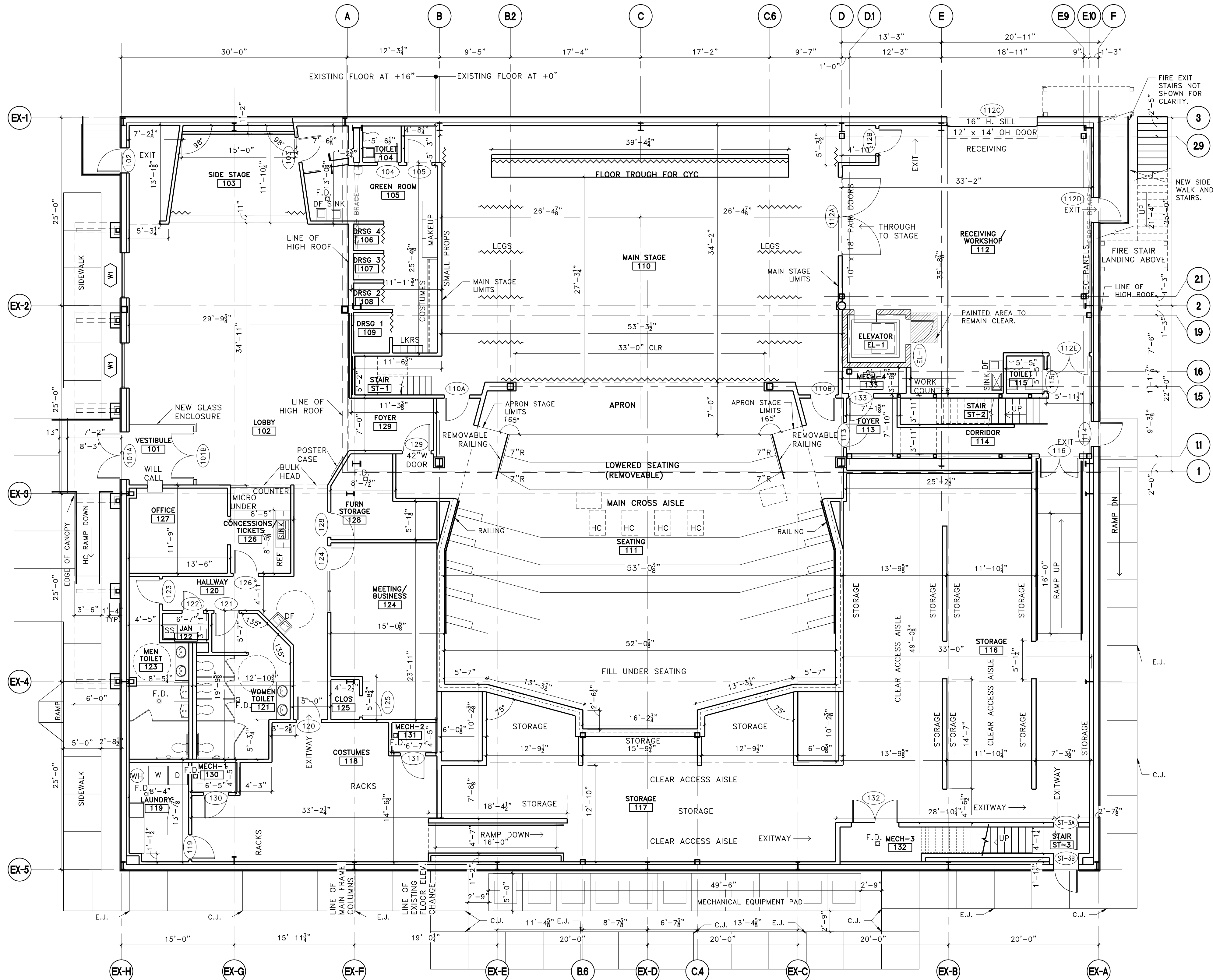
PROJECT NAME
SHELBY COUNTY PLAYERS

1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE
**PLUMBING PLAN
MAIN LEVEL**

SHEET NUMBER

P-2



PLUMBING NOTE:
EXISTING CITY WATER FEEDS
EXISTING BUILDING WITH A MIN.
1-1/2" MAIN (SIZE TO BE
VERIFIED). PLUMBING CONTRACTOR
TO FOLLOW ALL APPLICABLE
PLUMBING CODES AND PRACTICES
SEE SHEET P-1. 1" PLUMBING
WILL BE USED FOR ALL MAIN FEED
LINES, AND 3/4" PLUMBING FOR
ALL SUB-LINES, WITH 1/2"
PLUMBING FOR ALL FIXTURES. HOT
AND COLD WATER WILL BE RUN TO
ALL SINKS, AND WASHER MACHINE.
COLD WATER WILL BE RUN TO ALL
HOSE BIBS ON THE EXTERIOR, AND
DRINKING FOUNTAINS ON THE
INTERIOR.

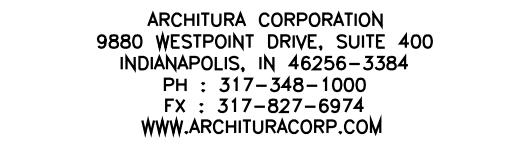
PLUMBING PLAN- MAIN LEVEL

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



LIGHT FIXTURES		OUTLETS		SWITCHES		FIRE ALARM FIXTURES		SERVICE AND EQUIPMENT		SOUND AND SIGNAL	
	FLUORESCENT 2X4 FIXTURE		SINGLE RECEPTACLE (120 VOLTS)		SINGLE POLE SWITCH		PULL STATION		TRANSFORMER PAD MOUNTED		RECESSED CEILING SPEAKER
	FLUORESCENT 2X4 FIXTURE WITH PARABOLIC LOUVER		STANDARD DUPLEX RECEPTACLE		DOUBLE POLE SWITCH		COMBINATION HORN AND STROBE		TRANSFORMER, DRY TYPE (KVA SHOWN)		VOLUME CONTROL
	FLUORESCENT 1X4 FIXTURE		WEATHER PROOF RECEPTACLE		THREE-WAY SWITCH		DUCT DETECTOR		PANELBOARD		P.A. HORN
	FLUORESCENT 2X2 FIXTURE		GROUND FAULT RECEPTACLE		FOUR-WAY SWITCH		HEAT DETECTOR		LIGHTING CONTROL PANEL		BUZZER
	FLUORESCENT 2X2 FIXTURE WITH PARABOLIC LOUVER		ISOLATED GROUND RECEPTACLE		SWITCH WITH PILOT LIGHT		SMOKE DETECTOR		DISCONNECT SWITCH		DOOR BELL
	FLUORESCENT STRIP FIXTURE		ELECTRIC WATER COOLER		COMBINATION SWITCH/DUPLEX RECEPTACLE		FIRE ALARM CONTROL PANEL		COMBINATION STARTER		TELEVISION OUTLET ROUGH-IN
	WALL MOUNTED FLUORESCENT FIXTURE		RECEPTACLE ON DEDICATED CIRCUIT		THERMAL OVERLOAD SWITCH		FIRE ALARM ANNUNCIATOR PANEL		UTILITY METER, AS REQUIRED		AUDIO VISUAL OUTLET
	PENDANT MOUNTED FIXTURES		ISOLATED GROUND OUTLET		MANUAL MOTOR SWITCH		END OF LINE DEVICE		CURRENT TRANSFORMER CABINET		MICROPHONE OUTLET
	NIGHT LIGHT (ON CONTINUOUS)		DOUBLE DUPLEX RECEPTACLE (QUAD)		KEY SWITCH		STROBE ONLY FIRE ALARM SIGNAL		GENERATOR, KW SHOWN		INTERCOM OUTLET
	RECESSED, EMERGENCY FIXTURE		CLOCK RECEPTACLE		WEATHERPROOF SWITCH		DOOR HOLDER		TELEPHONE TERMINAL BOARD		DOOR CONTACT
	RECESSED DOWNLIGHT		SPECIAL EQUIPMENT RECEPTACLE OR CONNECTION		TIMER SWITCH (30 MIN.)		FIREFIGHTER COMMUNICATION JACK		TELEPHONE TERMINAL CABINET		KEYPAD
	RECESSED EMERGENCY DOWNLIGHT		TWIST LOCK TYPE RECEPTACLE		MOMENTARY CONTACT SWITCH		FLOW SWITCH		GROUND ROD		CARD READER
	RECESSED WALLWASH		WALL MOUNTED TELEPHONE 48" A.F.F.		DIMMER SWITCH (WATTAGE SHOWN)		TAMPER SWITCH		AUTOMATIC TRANSFER SWITCH		WIRELESS ACCESS POINT
	SURFACE MOUNTED DOWNLIGHT		CAT 5 ENHANCED (4-PAIR) CABLE (VOICE, PHONE)		LOW VOLTAGE SWITCH		POST INDICATING VALVE		MAGNETIC STARTER		CAMERA
	EXIT FIXTURE (ARROW INDICATES DIRECTION OF EGRESS)		DUPLEX COMMUNICATION OUTLET (VOICE, DATA)		TOGGLE DISCONNECT SWITCH		EXTERIOR BELL		QUAZITE BOX		NURSE CALL DOME LIGHT
	WALL MOUNTED EXIT FIXTURE		POWER POLE (POWER, TELEPHONE, DATA)		WALL MOUNTED MOTION SENSOR		BEAM DETECTOR				NURSE CALL PULL STATION
	EXIT FIXTURE WITH TWIN HEAD EMERGENCY LIGHTS		JUNCTION BOX		CEILING MOUNTED MOTION SENSOR		BEAM DETECTOR REFLECTOR				
	WALL MOUNTED FIXTURE		FURNITURE CONNECTION J-BOX POWER		MOTION SENSOR POWER PACK						
	HID HI-BAY FIXTURE		FURNITURE CONNECTION J-BOX DATA								
	HID HI-BAY FIXTURE WITH QUARTZ RESTRIKE		PULL BOX								
	EMERGENCY EGRESS LIGHT (NUMBER OF HEADS SHOWN)		FLOOR BOX WITH RECEPT AND VOICE/DATA		CONDUIT INSTALLED (CONCEALED IN WALL, ABOVE CEILING OR EXPOSED)		THERMOSTAT (LINE VOLTAGE UNO)		EXHAUST FAN		
	EMERGENCY EGRESS REMOTE HEAD		FLOOR BOX WITH RECEPT, VOICE/DATA, AND AV CONNECTION		CONDUIT INSTALLED (UNDER SLAB OR UNDERGROUND)		HUMIDISTAT (LINE VOLTAGE UNO)		CEILING TYPE FAN		
	LIGHT TRACK W/ LIGHT TRACK FIXTURES		FLOOR BOX WITH RECEPT, VOICE/DATA, AND TV CONNECTION		LOW VOLTAGE WIRE		PHOTOCELL		PADDLE TYPE FAN		
	POLE MOUNTED FIXTURE		POKE THROUGH DEVICE		CONDUIT UP		TIME CLOCK		WALL TYPE FAN		
	DOCK LIGHT				CONDUIT DOWN		LIGHTING CONTACTOR		PIPE HEAT TRACE		
	GROUND MOUNTED FLOODLIGHT				HOME RUN (WITH PANEL DESIGNATIONS AND CIRCUIT NUMBERS)		PUSHBUTTON STATION		UNIT HEATER		
	BOLLARD				CONDUCTORS (GROUND=LONG LINE W/ DOT, NEUTRAL=LONG LINE, PHASE=SHORT LINE) #12 AWG CONDUCTOR SIZE (UNO)				ELECTRIC WATER HEATER		
					END OF RUN, CAP AND STAKE				ELECTRIC BASEBOARD HEATER		
					"RUN CONTINUES" INDICATION				ELECTRIC CABINET HEATER		

1. ALL MATERIAL AND WORKMANSHIP SHALL COMPLY WITH ALL APPLICABLE CODES, SPECIFICATIONS, LOCAL ORDINANCES AND INDUSTRY STANDARDS.
2. 2009 INDIANA ELECTRICAL CODE AND INDUSTRY INSTALLATION STANDARDS SHALL BE CONSIDERED MINIMUM STANDARDS.
3. ALL CONDUITS AND BOXES SHALL BE PROPERLY SUPPORTED.
4. ALL GRS OR IMC CONDUITS ENTERING BOXES OR ENCLOSURES WITHOUT HUBS SHALL BE EQUIPPED WITH BUSHINGS AND SHALL HAVE LOCKNUTS INSIDE AND OUT OF ENCLOSURE.
5. ALL NECESSARY HANGERS AND/OR MOUNTING ACCESSORIES FOR LIGHTING FIXTURES SHALL BE PROVIDED BY E.C.
6. VERIFY ALL DIMENSIONS FROM ARCHITECTURAL PLANS.
7. DIMENSIONS SHOWN ON OUTLET BOXES SHALL BE FROM THE FINISHED FLOOR TO THE CENTER OF THE BOX.
8. COORDINATE LOCATION OF LIGHTS IN ROOMS CONTAINING EXPOSED DUCTWORK AND PIPING BY OTHER TRADES.
9. VERIFY ELECTRICAL CHARACTERISTICS AND ROUGH-IN REQUIREMENTS FOR ALL EQUIPMENT FURNISHED BY OTHERS AND CONNECTED BY E.C.
10. COORDINATE LOCATION OF MOTOR STARTERS, DISCONNECTS, PANELBOARDS, ETC. IN ROOMS CONTAINING EXPOSED DUCTWORK AND PIPING BY OTHER TRADES.
11. VERIFY HEIGHT AND LOCATION OF OUTLETS BEHIND WATER COOLING COILS AND OTHER TRADES, SO THAT OUTLETS ARE CONCEALED.
12. REFER TO ARCHITECTURAL PLANS FOR DETAILS AND NOTES CONCERNING ITEMS INVOLVING ELECTRICAL WORK.
13. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING TYPE AND FIXTURE LOCATIONS, ANY CONFLICTS BETWEEN ELECTRICAL PLANS AND REFLECTED CEILING PLANS SHALL BE REPORTED AND RESOLVED PRIOR TO ROUGH-IN.
14. REFER TO ARCHITECTURAL PLANS FOR FINAL DOOR SWING AND LIGHT SWITCH LOCATIONS, ANY CONFLICT BETWEEN ELECTRICAL PLANS AND ARCHITECTURAL PLANS SHALL BE REPORTED AND RESOLVED PRIOR TO ROUGH-IN.
15. REFER TO ARCHITECTURAL PLANS FOR ELEVATIONS OF CASEWORK AND/OR BUILT-IN SHELVING UNITS TO COORDINATE OUTLET ELEVATIONS, ANY CONFLICT BETWEEN ELECTRICAL PLANS AND ARCHITECTURAL PLANS SHALL BE REPORTED AND RESOLVED PRIOR TO ROUGH-IN.
16. ALL FEEDERS AND BRANCH CIRCUITS RAN UNDERGROUND IN PVC CONDUIT SHALL INCLUDE A GROUND CONDUCTOR.
17. ALL DISCONNECT SWITCHES LOCATED OUTDOORS SHALL BE NEMA 3R (U.N.O.).
18. ALL DISCONNECT SWITCHES LOCATED INDOORS SHALL BE NEMA 1 (U.N.O.).
19. ALL DISCONNECT SWITCHES LOCATED IN CORROSIVE ATMOSPHERES SHALL BE NEMA 4X (U.N.O.).
20. ALL 110V CIRCUITS OVER 120 FT SHALL BE IN #10 WIRE.
21. ALL WIRING SHALL BE IN MC CABLE CONCEALED IN WALL OR CEILING AND IN EMT CONDUIT EXPOSED DOWN WALLS.
22. NO SHARED NEUTRALS ALLOWED

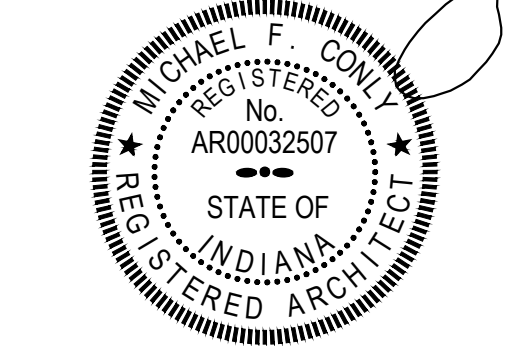


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REVISIONS

[illegible]

1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

ELECTRICAL ONE-LINE DIAGRAM NOTES, SYMBOLS, AND ABBREVIATIONS

SHEET NUMBER

SHEET NUMBER

AC	AMPERE(S)	KV	KILO VOLTS
ALT	ALTERNATING CURRENT	KVA	KILO VOLTS-AMPS
AF	ABOVE FINISH FLOOR	KVLR	KILOVOLT
ALU	ALUMINUM	LA	LIGHTING ARRESTOR
AMP	AMPERE(S)	LTG	LIGHTING
ATS	AUTOMATIC TRANSFER SWITCH	LSR	LOCAL-OFF-REMOTE
BFC	BELOW FINISHED CEILING	LOS	MAGNETIC MOTOR STARTER CO
BLDG	BUILDING	MAX	MAXIMUM
BKR	BREAKER	MCC	MOTOR CONTROL CENTER
C	CONDUIT	MD	MOTORIZED DAMPER
C/2	TWO CONDUCTOR (TYP)	MFR	MANUFACTURER
CB	CIRCUIT BREAKER	MH	MANHOLE
CRCT	CIRCUIT	MIN	MINIMUM
CPT	CONTROL POWER TRANSFORMER	MIN	NEUTRAL
CPU	COMPUTER	N/A	NOT APPLICABLE
CR	CONTROL RELAY	NEMA	NATIONAL ELECTRICAL
CT	CONTROL TRANSFORMER	NECA	MANUFACTURERS ASSOCIATION
CU	COPPER	NES	NATIONAL ELECTRICAL CODE
DISC	DISCONNECT	NF	NOT-FUSED
DISC	DISC TIGHT	NTS	NOT TO SCALE
DWG	DRAWING	OL	OVERLOAD
EF	EXHAUST FAN	2P	TWO POLE
ELEV	ELEVATION	PB	PUSH BUTTON
EM	EMERGENCY	PVC	POLYVINYL CHLORIDE
EQUIP	EQUIPMENT	RGVS	RIGID GALVANIZED STEEL
EXP	ELECTRIC WATER COOLER	SP	SINGLE POLE
EXP	EXPLOSION PROOF	SPD	SINGLE POLE DOUBLE THROW
PMC	FLEXIBLE METAL CONDUIT	SPEC	SPECIFICATIONS
FMR	FULL-VOLTAGE NON-REVERSING	SPST	SINGLE POLE SINGLE THROW
FVNR	FULL-VOLTAGE REVERSING	STR	STARTER
G	GROUND	SW	SWITCH
GALV	GALVANIZED	TNB	TELEPHONE TERMINAL BOARD
GF	GROUND FAULT	TYP	TYPICAL
GF	GROUND FAULT INTERRUPTER	UN	UNLESS NOTED OTHERWISE
GF	GROUND FAULT PROTECTION	UL	UNDERWRITERS LABORATORIES
HP	HANDHOLE	V	VOLTS
HID	HIGH INTENSITY DISCHARGE	VFD	VARIABLE FREQUENCY DRIVE
HOA	HIGH-OFF-AUTOMATIC	VMT	VOLTMETER SWITCH
HOA	HIGH-OFF-REMOTE	W	WIRE OR WATT
HOA	HIGH-OFF-AUTO-REMOTE	W	WITH
HP	HORSEPOWER	W/O	WITHOUT
HPS	HIGH PRESSURE SODIUM	WP	WEATHERPROOF
IB	INTERMEDIATE METAL CONDUIT	XFR	TRANSFORMER
JB	JUNCTION BOX	XFR	TRANSFER

GENERAL MOUNTING HEIGHTS OF DEVICES ARE AS FOLLOWS:

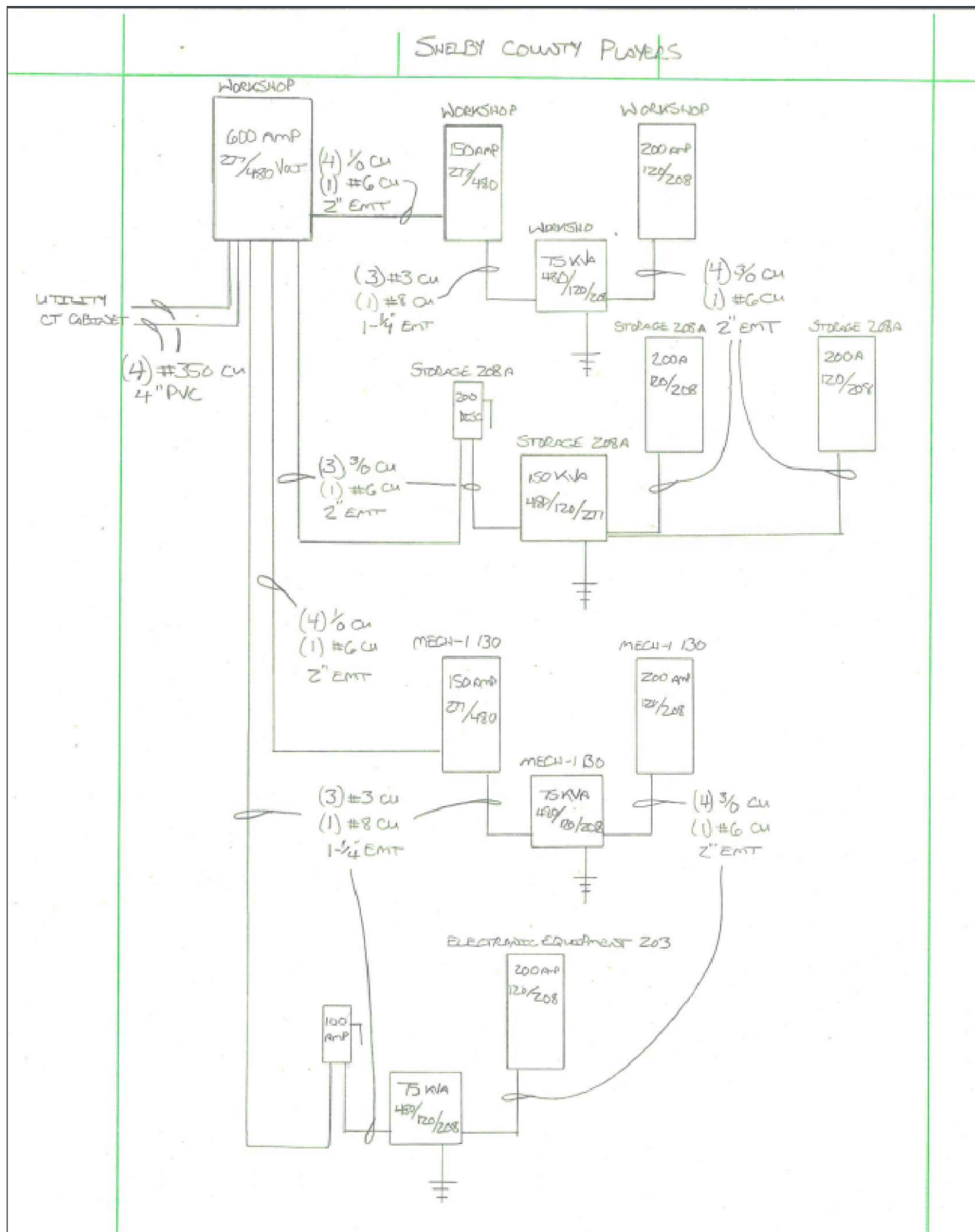
GENERAL MOUNTING HEIGHTS OF DEVICES ARE AS FOLLOWS:
(DIMENSIONED TO CENTER OF BOX)

- RECEPTACLES, GENERAL: 1'-6" AFF
- WALL SWITCHES, GENERAL: 4'-0" AFF
- RECEPTACLES OVER WORKBENCHES, TABLES, ETC.: 4'-2" AFF
- TELEPHONE OUTLETS OVER WORKBENCHES, TABLES, ETC.: 4'-2" AFF
- TELEPHONE OUTLETS: 1'-6" AFF (DESK TOP)
- WALL TELEPHONE OUTLETS: 5'-0" AFF
- WALL PUSHBUTTONS: 4'-0" AFF
- MOTOR CONTROLLERS: 4'-0" AFF
- DISCONNECT SWITCHES: 5'-0" AFF
- FIRE ALARM PULL STATIONS: 4'-0" AFF
- FIRE ALARM HORNS, BELLS, GONGS: 80" AFF OR 12" BFC
- THEROSTATS: 4'-6" AFF
- DEVICES ABOVE COUNTERTOP BACKSLASH: 2" MIN
- DEVICES ABOVE RADIAN HEATERS: 6" MIN
- WALL MOUNTED SPEAKERS: 8'-0" AFF OR 12" BFC
- CARD READER: 3'-6" AFF
- EMERGENCY LIGHTING UNITS (OFFICE): 7'-0" AFF OR 12" BFC
- EMERGENCY LIGHTING UNITS (WAREHOUSE): 12'-0" AFF
- WALL MOUNTED STERILIZED LAMPS LIGHTING FIXTURES: 7'-0" AFF
- TONGUE AND GROOVE LIGHT SWITCHES: 4'-0" AFF
- AND MANUAL MOTOR STARTERS: MATCH RECEPTACLES

EXCEPTIONS:

- AT JUNCTION OF DIFFERENT MATERIALS IN WALL FINISHES.
- WHERE OUTLETS WOULD OCCUR IN MOLDINGS, BREAK IN WALL SURFACE, OR UNSUITABLE LOCATION IN TILE, WOOD OR SIMILAR FINISH.
- WHERE OUTLETS WOULD CONFLICT WITH LOCATIONS OF WALL MOUNTED EQUIPMENT, SUCH AS RADIATORS, CONVECTORS, UNIT HEATERS, ETC.
- AS NOTED OR INDICATED OTHERWISE ON DRAWINGS OR IN SPECIFICATIONS.

- OUTLET BOXES SHALL BE SET ON TOP OF BLOCK (TILE) COURSE NEAREST TO THE SCHEDULED MOUNTING HEIGHT AND THE OUTLET SPACE CUT INTO THE BOTTOM OF THE BLOCK (TILE) ABOVE.
- SPECIAL PURPOSE DEVICES (COMMERCIAL KITCHEN EQUIPMENT, ELECTRIC WATER COOLERS, APPLIANCES, ETC) SHALL BE IN AGREEMENT WITH SHOP DRAWINGS.
- COORDINATE DEVICE MOUNTING HEIGHTS WITH ARCHITECTURAL CASEWORK SHOP DRAWINGS.



AM
NTS

1
E-7

E-0

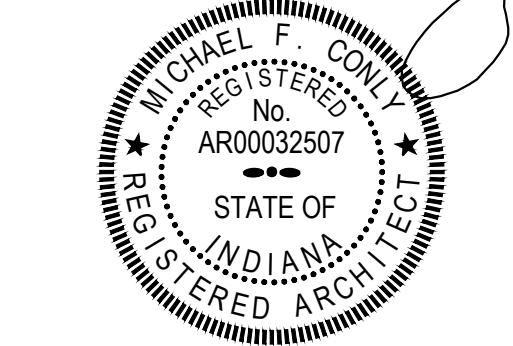
Panel P1 200 Amps 120/208 Volt 3P-4W Main Breaker											
Description	Circuit #	Circuit Breaker	CONNECTED LOAD KVA						Circuit Breaker	Circuit #	Description
			Phase A		Phase B		Phase C				
Receptacles	1	1P-20	1.8	1.8					1P-20	2	Receptacles
Receptacles	3	1P-20			1.8	1.8			1P-20	4	Receptacles
Receptacles	5	1P-20					1.8	1.8	1P-20	6	Receptacles
Receptacles	7	1P-20	1.8	1.8					1P-20	8	Receptacles
Receptacles	9	1P-20			1.8	1.8			1P-20	10	Receptacles
Receptacles	11	1P-20					1.8	1.8	1P-20	12	Receptacles
	13									14	
	15									16	
	17									18	
	19									20	
	21									22	
	23									24	
	25									26	
	27									28	
	29									30	
	31									32	
	33									34	
	35									36	
	37									38	
	39									40	
	41									42	
Total Connected Load		21.6	3.6	3.6	3.6	3.6	3.6	3.6			
			10,000 AIC								

Panel T1		200 Amps		120/208 Volt		3P-4W		Main Breaker		
Circuit #	Circuit Breaker	CONNECTED LOAD KVA						Circuit Breaker	Circuit #	Description
		Phase A		Phase B		Phase C				
1	1P-20	1.8	1.8					1P-20	2	Receptacles
3	1P-20			1.8	1.8			1P-20	4	Receptacles
5	1P-20					1.8	1.8	1P-20	6	Receptacles
7	1P-20	1.8	1.8					1P-20	8	Receptacles
9	1P-20			1.8	1.8			1P-20	10	Receptacles
11	1P-20					1.8	1.8	1P-20	12	Receptacles
13	1P-20	1.8	1.8					1P-20	14	Lights
15	1P-20			1.8	1.8			1P-20	16	Lights
17	1P-20					1.8	1.8	1P-20	18	Lights
19	1P-20	1.8	1.8					1P-20	20	Lights
21	1P-20			1.8	1.8			1P-20	22	Lights
23									24	
25									26	
27									28	
29									30	
31									32	
33									34	
35									36	
37									38	
39									40	
41									42	
Total Load	39.6	7.2	7.2	7.2	7.2	5.4	5.4			
		65,000 AIC								

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CHECKED BY: MFC

[illegible]

PROJECT NAME

SHELBY COUNTY PLAYERS

1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

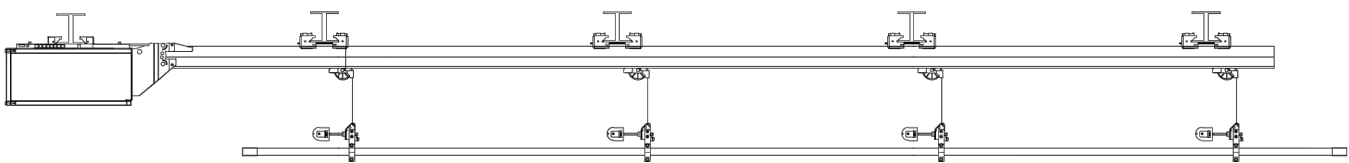
ELECTRICAL SCHEDULE

SHEET NUMBER

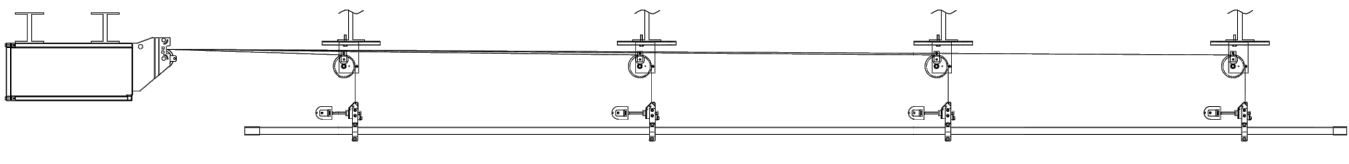
Prodigy P1
Prodigy Low Profile Hoist Series

TYPICAL CONFIGURATIONS

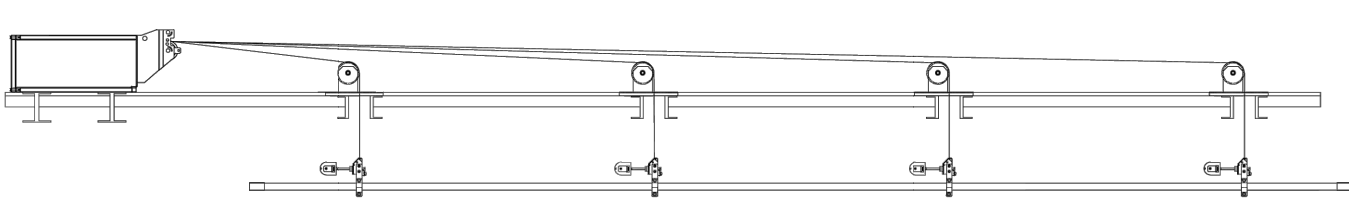
P1 WITH COMPRESSION TUBE



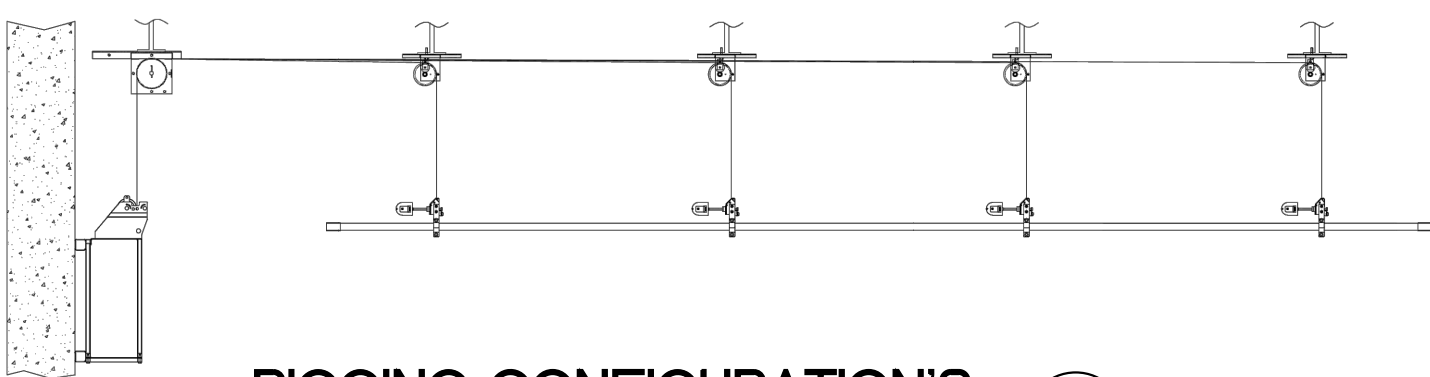
P1 EXO UNDERHUNG



P1 EXO UPRIGHT



P1 EXO VERTICAL WALL MOUNT



RIGGING CONFIGURATION'S
NTS 2
E-3

Prodigy P1
Prodigy Low Profile Hoist Series

STANDARD SAFETY FEATURES

- Dual braking system consisting of a motor brake and redundant load side mechanical brake
- Rotary limit switches: upper limit, upper overtravel, lower limit, lower overtravel
- Slack line detection: a lift line slack condition will automatically stop the hoist from downward travel
- Load cell: provides Load Profiling and continuous monitoring of loads to prevent gross overload
- Load profiling: a user-recordable dynamic function to detect load deviations during travel
- Hardwired E-stop: each hoist has its own dedicated E-stop contactor
- Overcurrent protection: integrated overcurrent circuit to protect against electrical overloads

COMPRESSION TUBE MOUNTING			
Min Qty of Beam Clamps Required	Beam Clamp Spacing	Tube Weight	Standard Mounting Brackets Available for:
1 @ Powerhead + 1 per section of Compression Tube	Max 4.3 m (14 ft) on center	5.2 kg/m (3.5 lbs/ft)	W-, S-, or I-Beam / Bar Joist / Unistrut*

*Structure must be capable of supporting the hoist system plus the working load.

LOADING INFORMATION (LIFT LINE PLACEMENT)					
Loading	Min Load Per Line	Max Load Per Line	Loft Block Locations With Compression Tube		Max # of Lift Lines Available
			First Loft Block	Blocks along Compression Tube	
Distributed load over the length of the batten	12 kg (25 lb)	190 kg (420 lb)	1200 mm (4 ft) min distance from the Powerhead nose or 25 mm (1 in) from Powerhead nose with optional mule block	1200 mm (4 ft) min spacing between loft blocks [2400 mm (8 ft) min spacing to 2nd loft block if mule block is used]	8*
				3650 mm (12 ft) max spacing between loft blocks with 48.3 mm x 3.7 mm (1.5 in schedule 40) steel pipe batten 3050 mm (10 ft) max with ETC WebPipe batten	

HOIST INFORMATION								
Powerhead Model	Powerhead Weight	Dimensions (H x L x W)	Lifting Capacity	Avg Speed	Power Input	Motor Power	Current Draw	Inrush Draw
P1000E/480	180 kg (395 lb)	370x1210x410 mm (15x48x16 in)	635 kg (1400 lb)	10 m/min (30 fpm)	480 V 60 Hz 3 wire+gnd	1.1 kW (1.5 hp)	3.25 A	8.4 A
P1300G/480	205 kg (450 lb)*	460x1245x410 mm (18x49x16 in)						
EXO P1400G/480	205 kg (450 lb)*	460x1245x410 mm (18x49x16 in)						
V1000S	230 kg (500 lb)	410x1425x410 mm (16x56x16 in)	545 kg (1200 lb)	0.55 m/min (0-180 fpm)	480 V 60 Hz 3 wire+gnd	5.6 kW (7.5 hp)	15.0 A	N/A
EXO V1200S	265 kg (580 lb)*	510x1450x410 mm (20x57x16 in)						

*The above EXO powerhead weights do not include the external control boxes which allow for multiple mounting orientations. Control box weights are listed below. Supporting structure for EXO hoists must be rated for the combined total weight of the powerheads, control boxes, and lifted loads.

Model	EXO P900G/480	EXO P1400G/480	EXO P2000G/480	EXO V1200S
Weight	9.5 kg (21 lb)	9.5 kg (21 lb)	11.3 kg (25 lb)	15.9 kg (35 lb)

HOIST DATA

Hoist Working Load Limit (WLL)	360-900 kg (900-2,000 lb)
RACA Working Load Limit (WLL)	190 kg (420 lb)
Travel distance	15 m (50 ft)
Lift lines	5 mm (3/16 in); up to eight* lines
Average Speed	10 m/min (30 fpm) fixed speed 55 m/min (0-180 fpm) variable speed
Powerhead weight	135 kg (395 lb) - 300 kg (660 lb)
Dynamic load	1.2 G
Motor operating temperature range	5°-40° C (41°-104° F)

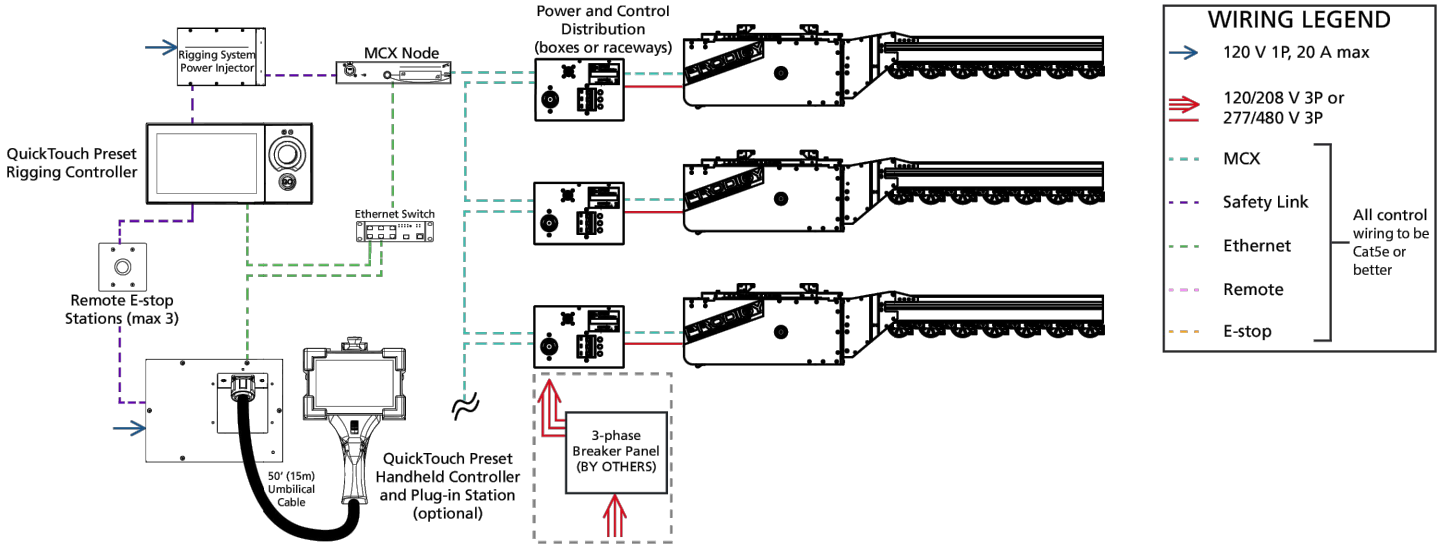
*Hoists supporting Prodigy Cable Management systems provide a max of 7 lifting lines.

RIGGING SCHEDULE
NTS 1
E-3

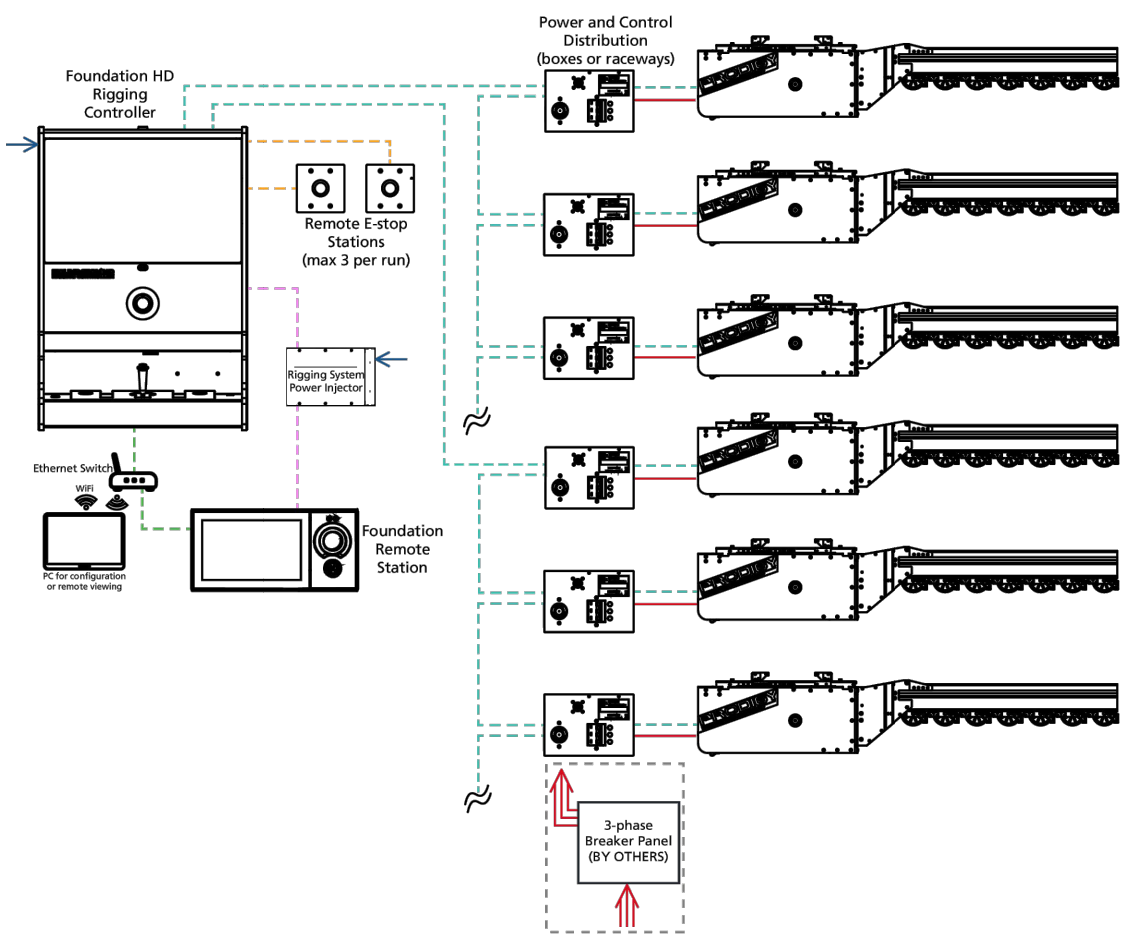
Prodigy P1*
Prodigy Low Profile Hoist Series

SAMPLE SYSTEM RISERS

QUICKTOUCH PRESET W/ QUICKTOUCH PRESET HANDHELD CONTROL SYSTEM



FOUNDATION CONTROL SYSTEM

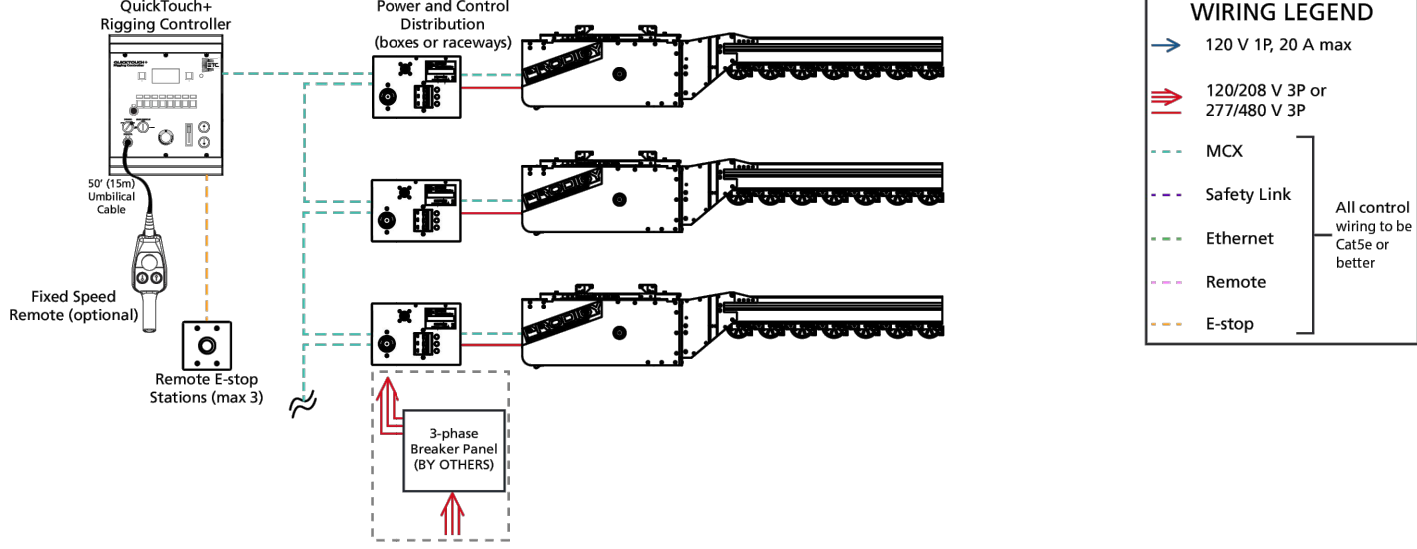


RIGGING RISER DIAGRAM'S
NTS 3
E-3

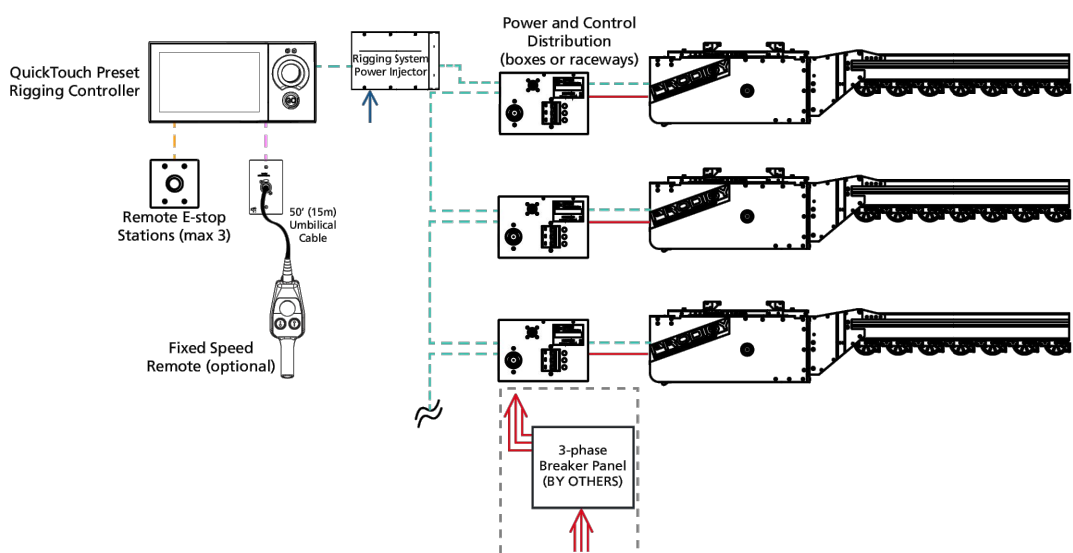
Prodigy P1
Prodigy Low Profile Hoist Series

SAMPLE SYSTEM RISERS

QUICKTOUCH+ CONTROL SYSTEM



QUICKTOUCH PRESET CONTROL SYSTEM

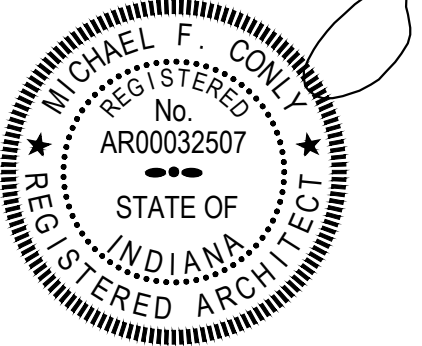


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REVISIONS

MARK	DATE	DESCRIPTION

PROJECT NAME

SHELBY COUNTY PLAYERS

1416 MILLER AVE.
SHELBYVILLE, IN 46176

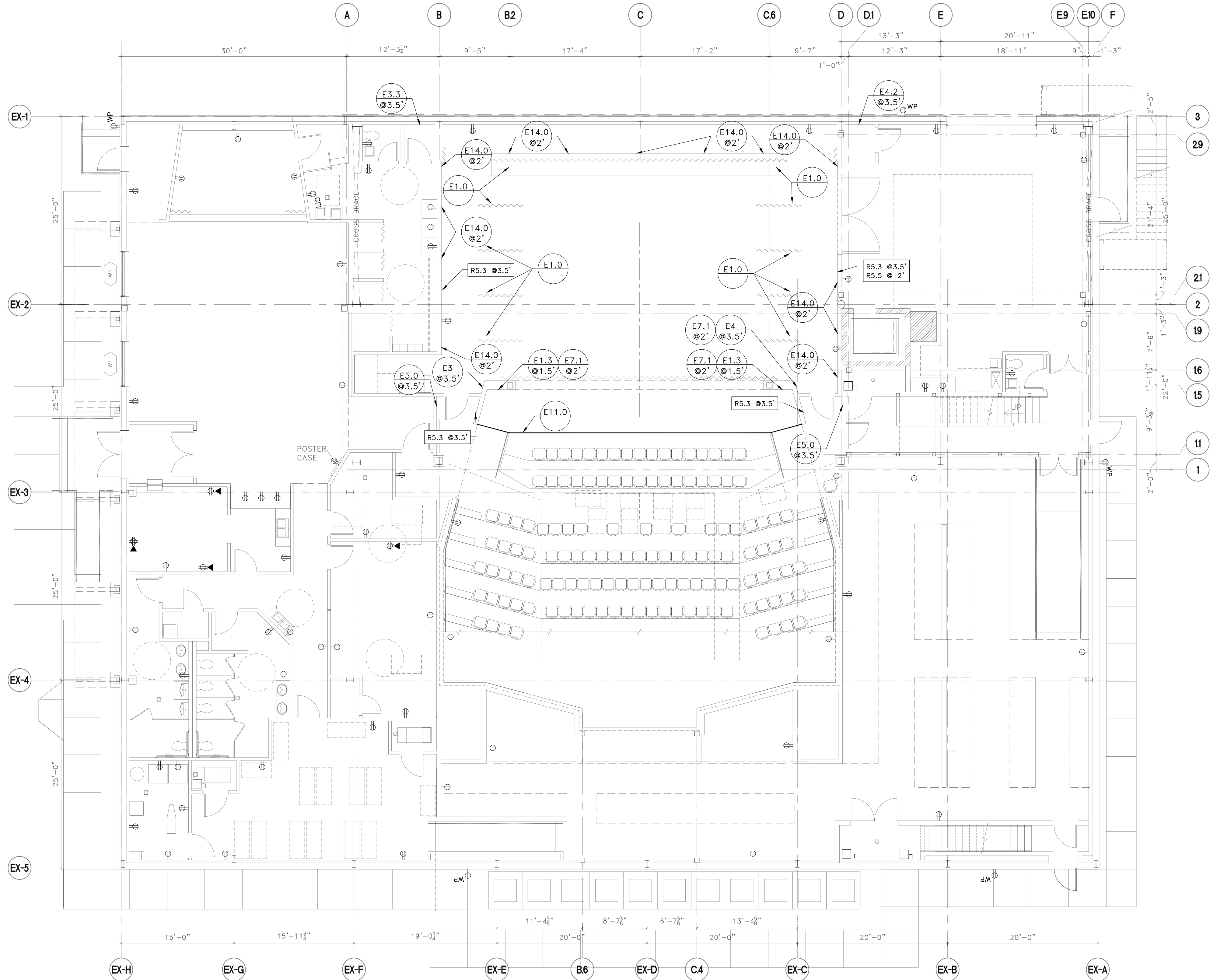
SHEET TITLE

ELECTRICAL
STAGE + HOUSE
RIGGING, RISER,
SPECS + SCHEDULE

SHEET NUMBER

E-3

NOTE:
FOR SYMBOLS LEGEND SEE SHEET E-0



ELECTRICAL AND RIGGING OVERALL PLAN- MAIN LEVEL

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



KEY PLAN:

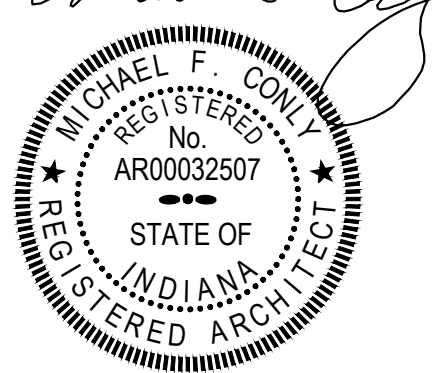
- Electrical call out
Sheet E-1
- Rigging call out
Sheet E-2
- SEE SYMBOLS LIST SHEET E-0
FOR ALL OTHER SYMBOLS.

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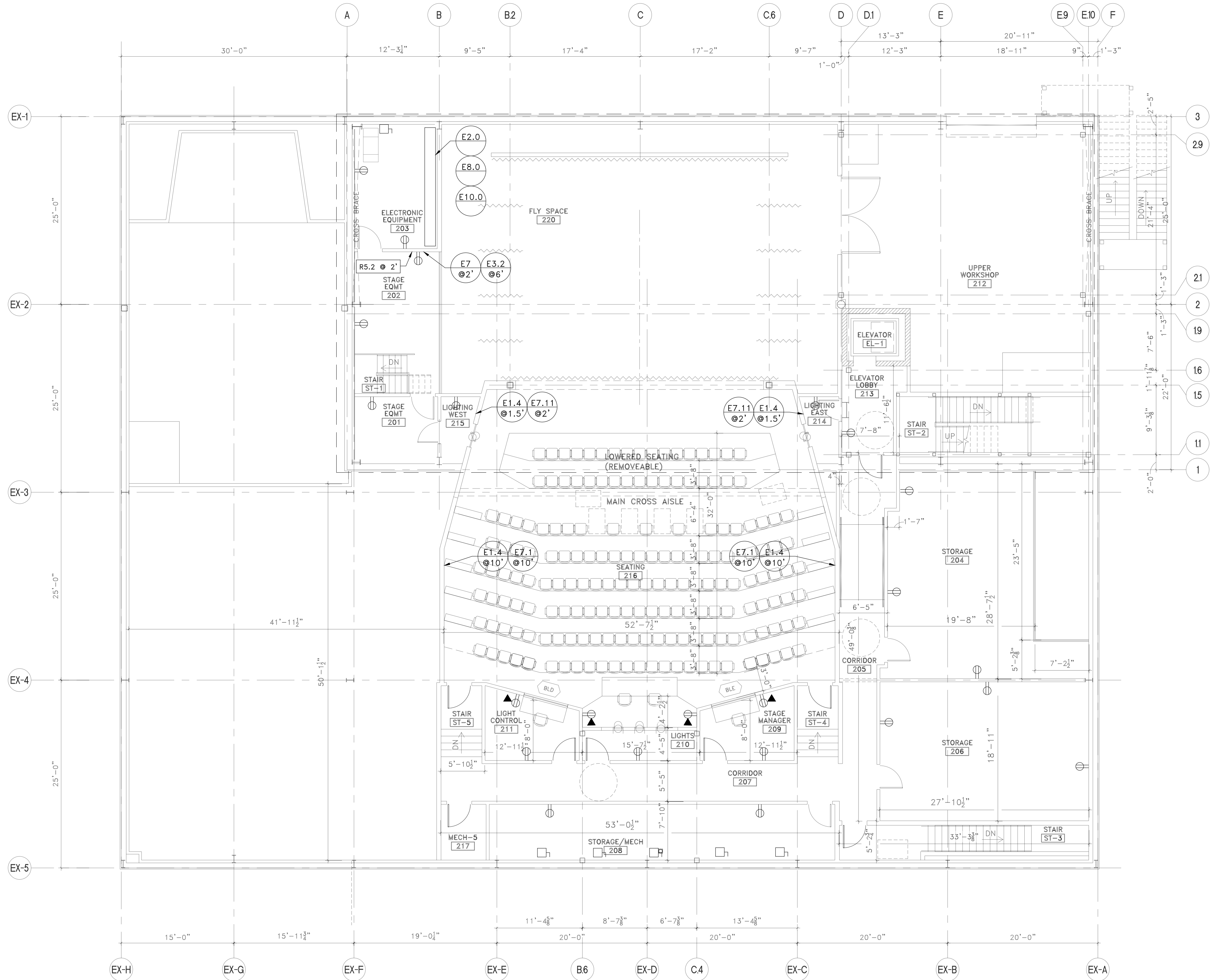
SHEET TITLE

ELECTRICAL AND
RIGGING
OVERALL PLAN -
MAIN LEVEL

SHEET NUMBER

E-4

NOTE:
FOR SYMBOLS LEGEND SEE SHEET E-0



ELECTRICAL AND RIGGING OVERALL PLAN- SECOND LEVEL

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



KEY PLAN:

- ⊙ E5.3 @ 3.5' ELECTRICAL CALL OUT SHEET E-1
- ⊙ R5.3 @ 3.5' RIGGING CALL OUT SHEET E-2
- SEE SYMBOLS LIST SHEET E-0 FOR ALL OTHER SYMBOLS.

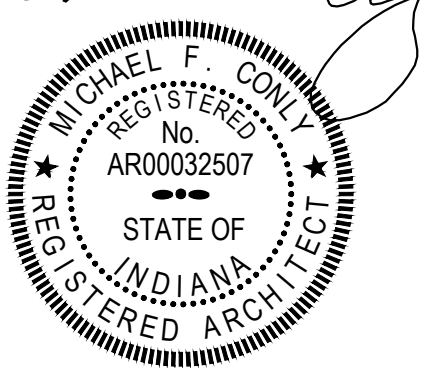
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PROJECT NAME

SHELBY COUNTY PLAYERS

1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

ELECTRICAL AND RIGGING OVERALL PLAN - SECOND LEVEL

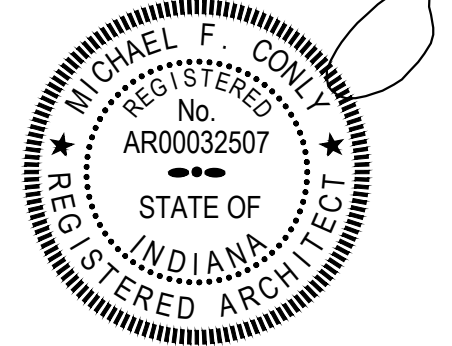
SHEET NUMBER

E-5

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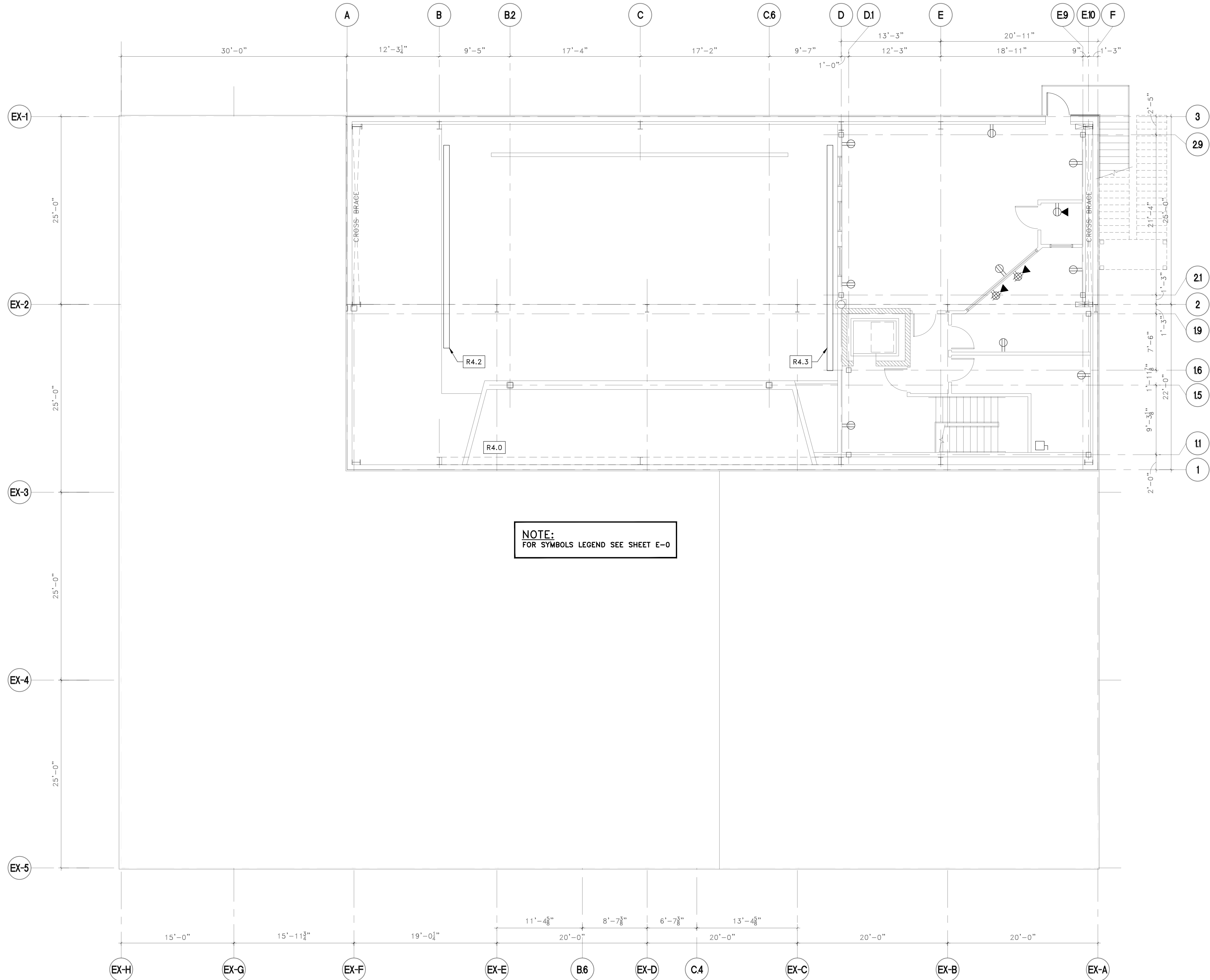
REVISIONS		
MARK	DATE	DESCRIPTION

PROJECT NAME
SHELBY COUNTY PLAYERS

1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE
ELECTRICAL AND RIGGING
OVERALL PLAN - ORCHESTRA LEVEL
SHEET NUMBER

E-6



ELECTRICAL AND RIGGING OVERALL PLAN- ORCHESTRA LEVEL

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



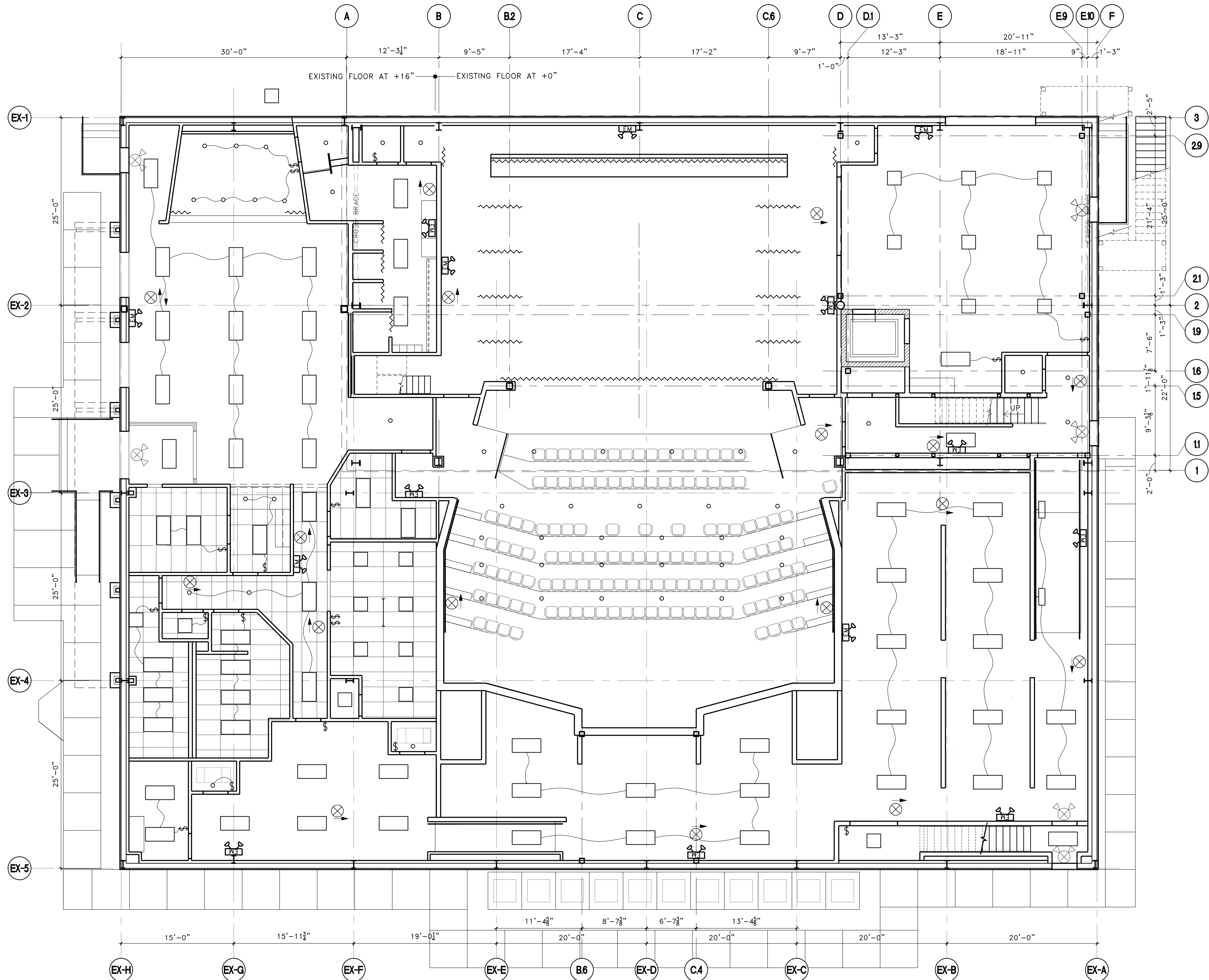
KEY PLAN:

E-1
ELECTRICAL CALL OUT
SHEET E-1

R-1
RIGGING CALL OUT
SHEET E-2

SEE SYMBOLS LIST SHEET E-0
FOR ALL OTHER SYMBOLS.

NOTE:
FOR SYMBOLS LEGEND SEE SHEET E-0



ELECTRICAL REFLECTED CEILING PLAN- MAIN LEVEL

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

1
E-7

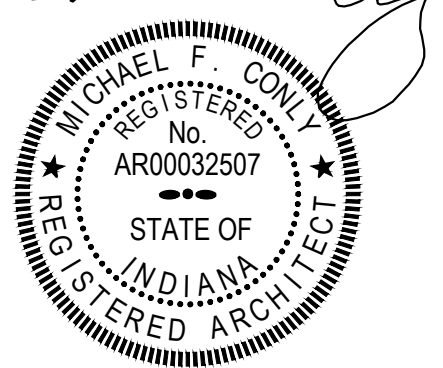


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PROJECT NAME

SHELBY COUNTY
PLAYERS

1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

ELECTRICAL
REFLECTED CEILING
PLAN-
MAIN LEVEL

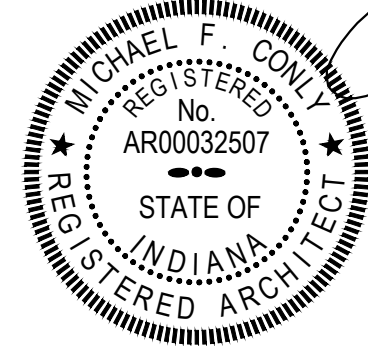
SHEET NUMBER

E-7

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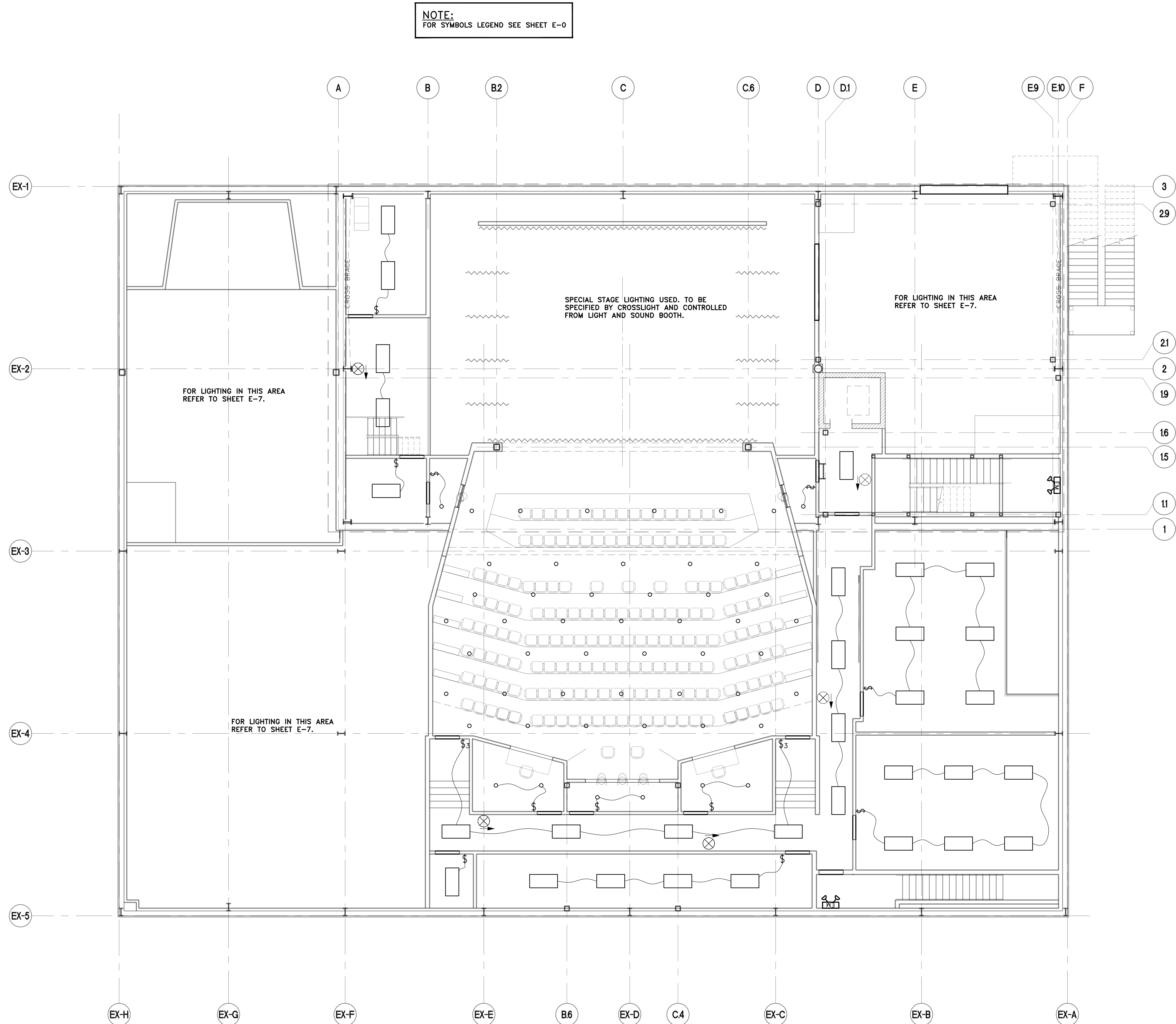
REVISIONS		
MARK	DATE	DESCRIPTION

PROJECT NAME
SHELBY COUNTY
PLAYERS

1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE
ELECTRICAL
REFLECTED
CEILING PLAN -
EQUIPMENT LEVEL
SHEET NUMBER

E-8



ELECTRICAL CEILING PLAN- EQUIPMENT LEVEL
SCALE: 1/8"=1'-0"

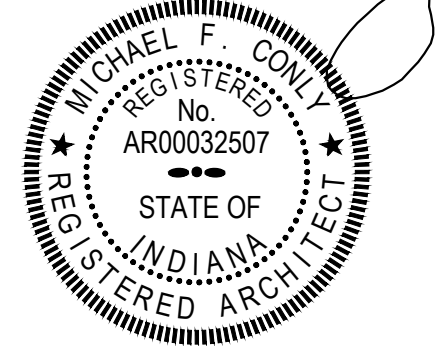


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SHELBY COUNTY
PLAYERS

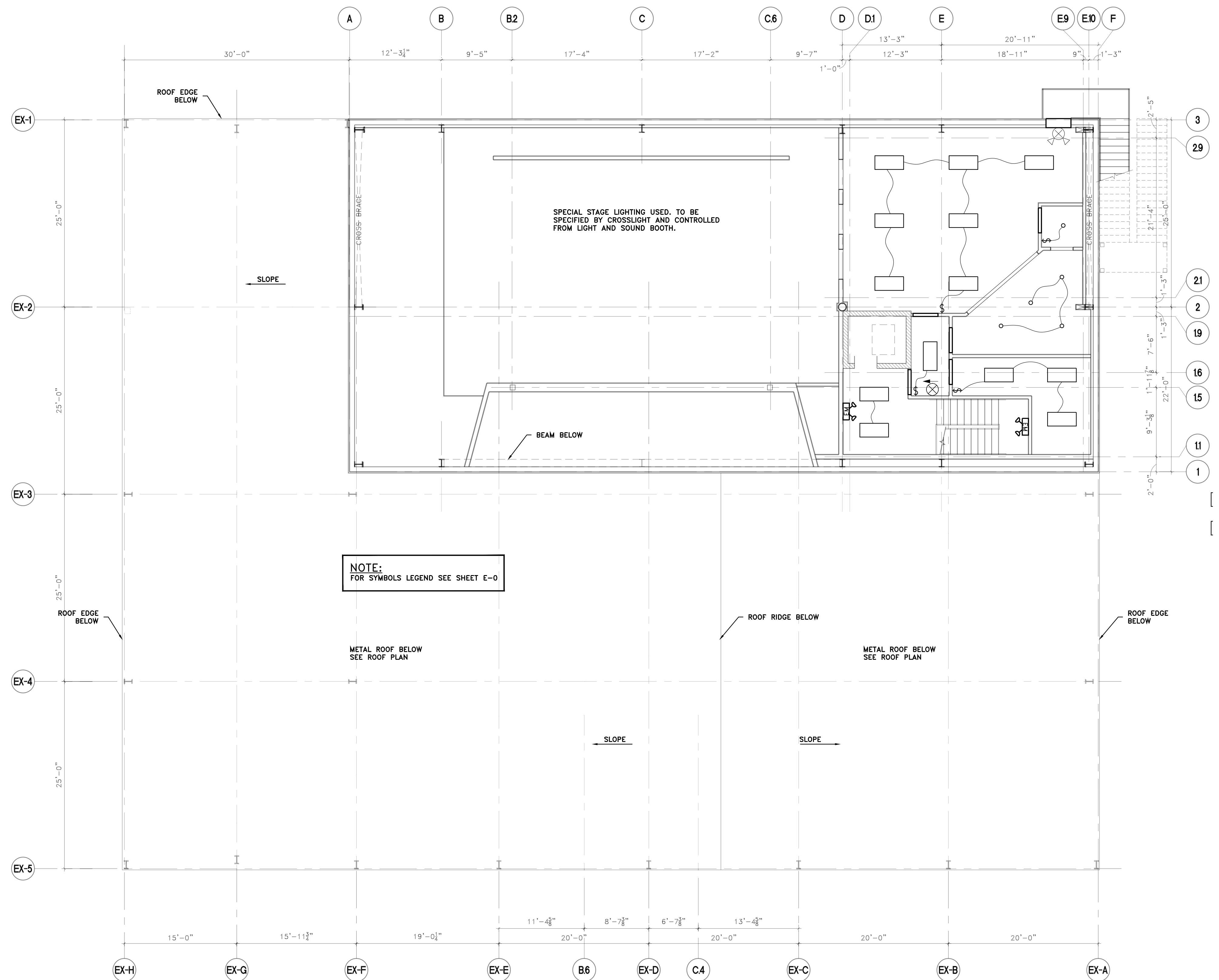
1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

ELECTRICAL
REFLECTED
CEILING PLAN -
ORCHESTRA LEVEL

SHEET NUMBER

E-9



ELECTRIACAL CEILING PLAN- ORCHESTRA LEVEL

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

1
E-9



GENERAL HVAC NOTES

1. ALL SYSTEMS SHALL BE INSTALLED PER 2014 INDIANA MECHANICAL CODE, APPLICABLE STATE, LOCAL AND NFPA CODES. COORDINATE MECHANICAL WORK WITH OTHER TRADES PRIOR TO COMMENCING WORK.
2. ALL DUCTWORK SHALL BE GALVANIZED METAL, INSTALLED PER SMACNA STANDARDS. TURNING VANES SHALL BE PROVIDED ON ALL ELBOWS LARGER THAN 12”X12”. ALL BRANCH TAKEOFFS ON RETURN AND SUPPLY DUCTS SHALL HAVE SINGLE BLADE VOLUME DAMPER FOR AIR BALANCE. ALL DUCT JOINTS SHALL BE SEALED PER STATE/LOCAL STANDARDS.
3. REFER TO ARCH. DRAWINGS FOR EXACT LOCATION OF WALL, CHASES, AND CEILING TYPES.
4. ALL EXPOSED, VISUAL SQAURE/RECT. DUCT SHALL HAVE ½” INTERNAL LINER INSULATION. ALL ROUND OUTSIDE AIR DUCT SHALL HAVE 1–1/2” FOIL BACK EXTERNAL WRAP INSULATION. ALL DUCT LOCATED IN ENCLOSED BULKHEADS/CHASES OR AS INDICATED WITH DASHED INTERNAL LINE SHALL HAVE ½” INTERNAL LINER INSULATION. ALL EXPOSED SPIRAL DUCT SHALL BE GASKETED TYPE SIMILAR TO LINDAB SPIROSAFE. NO EXPOSED, PAINTED ON DUCT SEALER. ALL EXPOSED METAL DUCT SHALL HAVE ”PAINT GRIP” PRIMER IN PERPERATION FOR PAINTING.
5. MAXIMUM FLEX DUCT LENGTH 6 FT. UNLESS OTHERWISE INDICATED.
6. COORDINATE HVAC ELECTRICAL REQUIREMENTS WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING EQUIP. OR INSTALLATION. VERIFY VOLTAGE AND PHASE PRIOR TO ORDERING EQUIPMENT.
7. INSULATE ABOVE CEILING CONDENSATE LINES WITH 1/2” ARMAFLEX. WRAP WITH ELECTRIC HEAT TRACE SIMILAR TO ”FROSTEX PLUS 9600”
8. ALL NON–FERROUS DUCT LOCATED IN RETURN PLENUMS SHALL MEET 2014 INDIANA BUILDING CODE WITH FLAME SPREAD RATING UNDER 25 AND SMOKE DEVELOPED RATING UNDER 50.
9. PROVIDE HINGED ACCESS PANELS FOR DUCTWORK EQUIPMENT REQUIRING ACCESS BEHIND WALLS AND CEILING SYSTEM
10. PROVIDE 1–HR FIRE DAMPER WITH ACCESS PANEL(WHEN NO ACCESS AVAILABLE) FOR DUCTWORK TRAVERSING 1–HR RATED WALLS AND CEILING SYSTEMS.
11. PROVIDE RETURN AIR DUCT SMOKE DETECTION DEVICE IN HVAC UNITS OVER 2000 CFM.
12. PROVIDE CERTIFIED TEST AND BALANCE REPORT ON COMPLETION.

MECHANICAL FURNACE/CONDENSING UNIT SCHEDULE													
TAG	FLOW RATE		STATIC PRESSURE	ELECTRICAL DATA			DX COOLING		GAS HEATING		BASIS OF DESIGN		NOTES
	SUPPLY	OUTSIDE AIR		MCA	MOCP	VOLTAGE	SENSIBLE	TOTAL	INPUT	OUTPUT	MANUFACTURER	MODEL NUMBER	
	CFM	CFM	IN WC	AMPS	AMPS		MBH	MBH	MBH	MBH			
FURN-1	1945	366	0.5 IN	18.40	20.00	120			80.00	78.00	Carrier	59MN7B080C21-20	Meeting
COND-1				40.00	60.00	208	33.92	59.74			Carrier	24VNA960A003	Meeting
FURN-2	1945	130	0.5 IN	18.40	20.00	120			80.00	78.00	Carrier	59MN7B080C21-20	Office
COND-2				27.30	40.00	120	25.89	45.50			Carrier	24VNA948A003	Office
FURN-3	1905	62	0.5 IN	18.40	20.00	120			60.60	60.00	Carrier	59MN7B060C21-20	Lobby
COND-3				24.20	40.00	120	19.98	35.70			Carrier	24VNA936003	Lobby
FURN-4	1905	116	0.5 IN	18.40	20.00	120			60.60	60.00	Carrier	59MN7B060C21-20	Theater Audience
COND-4				24.20	40.00	120	19.98	35.70			Carrier	24VNA936003	Theater Audience
FURN-5	1945	1049	0.5 IN	18.40	20.00	120			80.00	78.00	Carrier	59MN7B080C21-20	Theater Audience
COND-5				40.00	60.00	208	33.92	59.74			Carrier	24VNA960A003	Theater Audience
FURN-6	1945	1049	0.5 IN	18.40	20.00	120			80.00	78.00	Carrier	59MN7B080C21-20	Main Stage
COND-6				40.00	60.00	208	33.92	59.74			Carrier	24VNA960A003	Main Stage
FURN-7	1945	313	0.5 IN	18.40	20.00	120			80.00	78.00	Carrier	59MN7B080C21-20	Main Stage
COND-7				40.00	60.00	208	33.92	59.74			Carrier	24VNA960A003	Main Stage
FURN-8	1945	313	0.5 IN	18.40	20.00	120			80.00	78.00	Carrier	59MN7B080C21-20	Storage 116
COND-8				40.00	60.00	208	33.92	59.74			Carrier	24VNA960A003	Storage 116
FURN-9	1945	142	0.5 IN	18.40	20.00	120			80.00	78.00	Carrier	59MN7B080C21-20	Stage Manager
COND-9				27.30	40.00	120	25.89	45.50			Carrier	24VNA948A003	Stage Manager
FURN-10	1905	100	0.5 IN	18.40	20.00	120			60.60	60.00	Carrier	59MN7B060C21-20	Storage 204/206
COND-10				24.20	40.00	120	19.98	35.70			Carrier	24VNA936003	Storage 204/206
FURN-11	1945	157	0.5 IN	18.40	20.00	120			80.00	78.00	Carrier	59MN7B080C21-20	Workshop
COND-11				40.00	60.00	208	33.92	59.74			Carrier	24VNA960A003	Workshop
FURN-12	1945	332	0.5 IN	18.40	20.00	120			80.00	78.00	Carrier	59MN7B080C21-20	Orchestra
COND-12				27.30	40.00	120	25.89	45.50			Carrier	24VNA948A003	Orchestra

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SEAL



DATE: 01/24/2023
COMMISSION: 20112
DRAWING BY: RMS
CHECKED BY: MFC

REVISIONS

MARK	DATE	DESCRIPTION

PROJECT NAME

SHELBY COUNTY PLAYERS

1416 MILLER AVE.
SHELBYVILLE, IN 46176

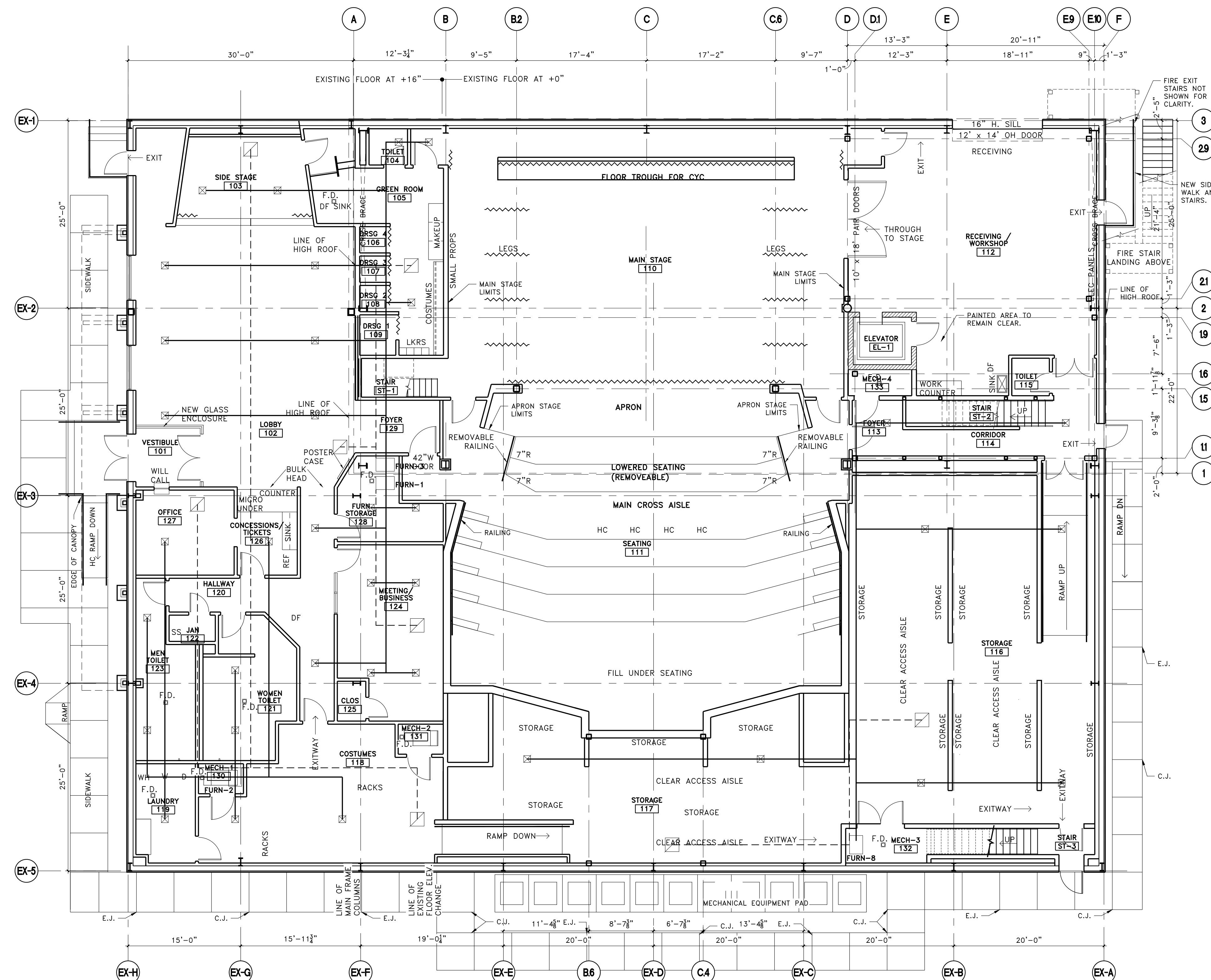
SHEET TITLE

MECHANICAL SCHEDULES

SHEET NUMBER

M-1

MARK	DATE	DESCRIPTION



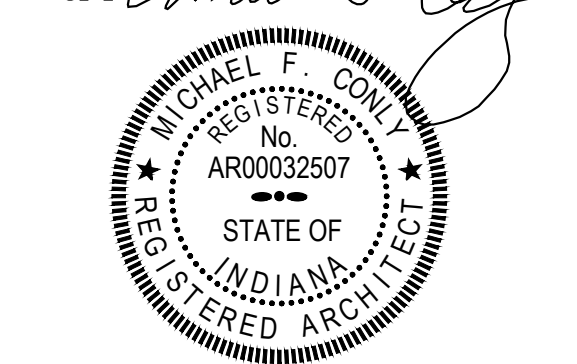
MECHANICAL PLAN- MAIN LEVEL
SCALE: 1/8"=1'-0"





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SE



REVISIONS

[illegible]

1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET NUMBER

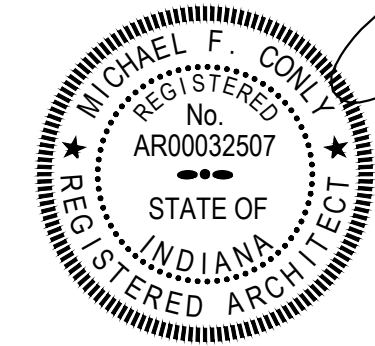
M-3

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REVISIONS

MARK	DATE	DESCRIPTION

PROJECT NAME

SHELBY COUNTY
PLAYERS

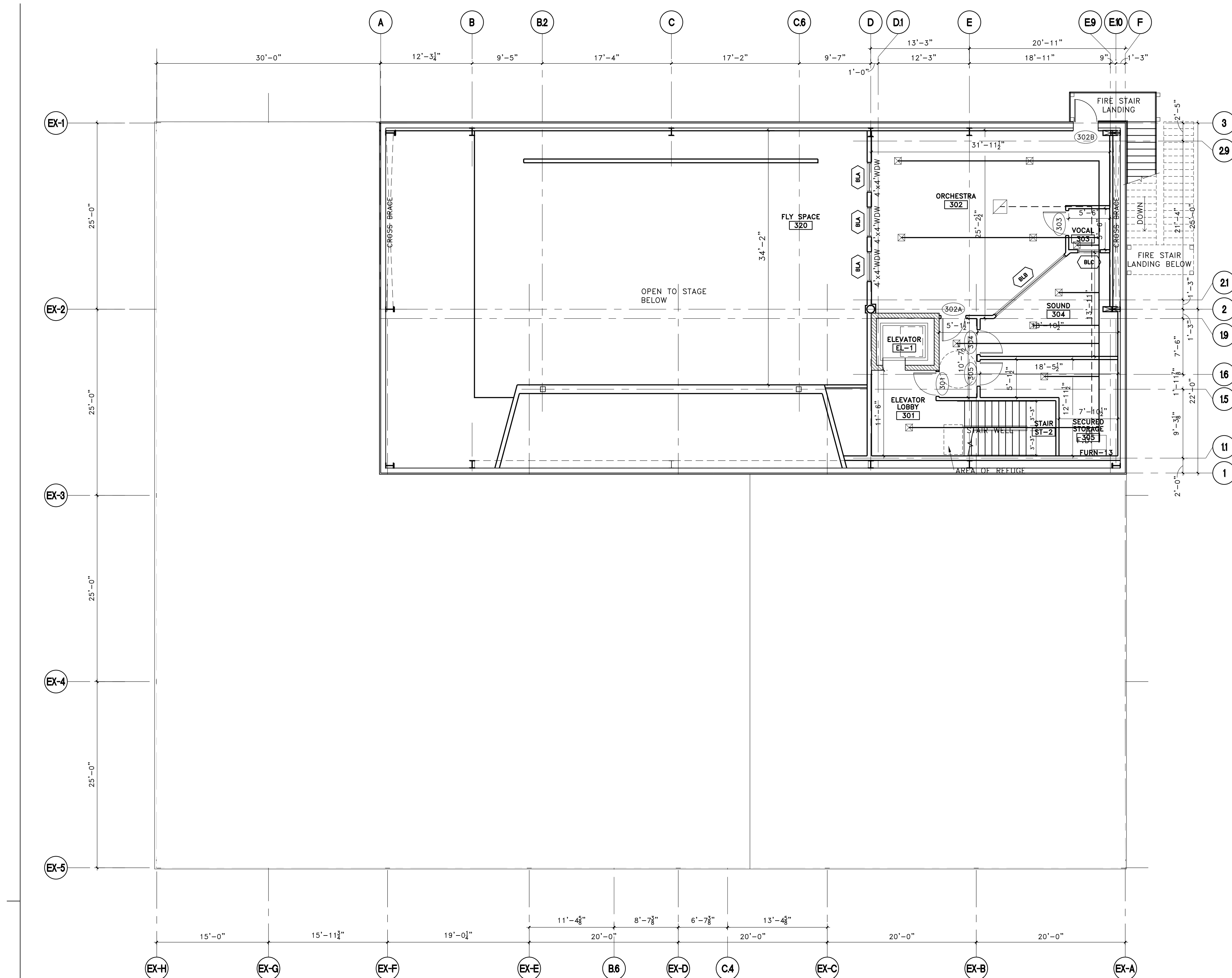
1416 MILLER AVE.
SHELBYVILLE, IN 46176

SHEET TITLE

MECHANICAL
FLOOR PLAN-
ORCHESTRA LEVEL

SHEET NUMBER

M-4



MECHANICAL PLAN- ORCHESTRA LEVEL

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

1
M-4

