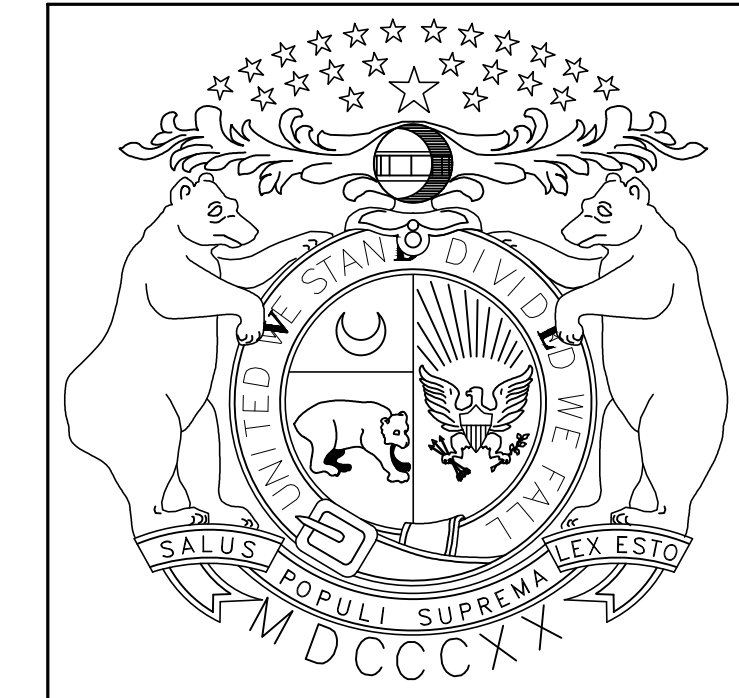


Construct Addition & Existing Building Re-Roof for the: Missouri National Guard



Joplin Readiness Center Joplin, Missouri CONSTRUCTION DOCUMENTS



OWNER: DEPARTMENT OF THE MISSOURI NATIONAL GUARD

PROJECT MANAGEMENT: DEPARTMENT OF THE MISSOURI NATIONAL GUARD

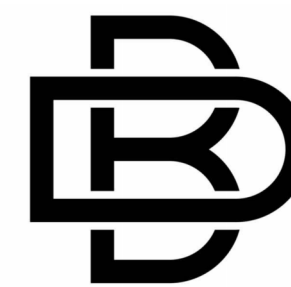
DESIGNER: BUXTON KUBIK DODD, INC.
PINNACLE DESIGN CONSULTANTS, LLC
LEE ENGINEERING & ASSOCIATES, LLC

PROJECT NUMBER: T2333-01

SITE NUMBER: 6276

FACILITY NUMBER: 8136276002

ARCHITECT OF RECORD:
MECHANICAL / ELECTRICAL / PLUMBING ENGINEER:



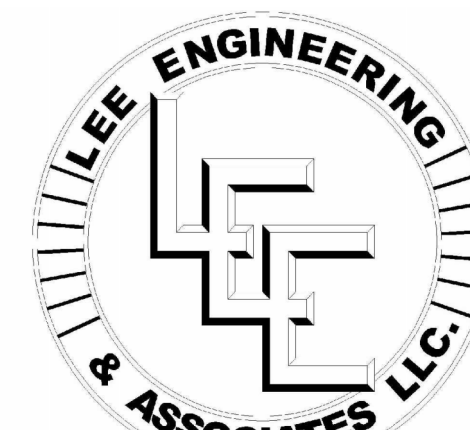
BUXTON KUBIK DODD
DESIGN COLLECTIVE
3100 S. NATIONAL AVE., STE 300
SPRINGFIELD, MISSOURI 65807
417.890.5543 P 417.890.5563 F
MISSOURI STATE CERTIFICATE OF AUTHORITY
A - 2 0 0 6 0 0 7 2 8 4

STRUCTURAL ENGINEER:



304 W ERIE STREET, SPRINGFIELD, MO 65807 P:417.501.8820

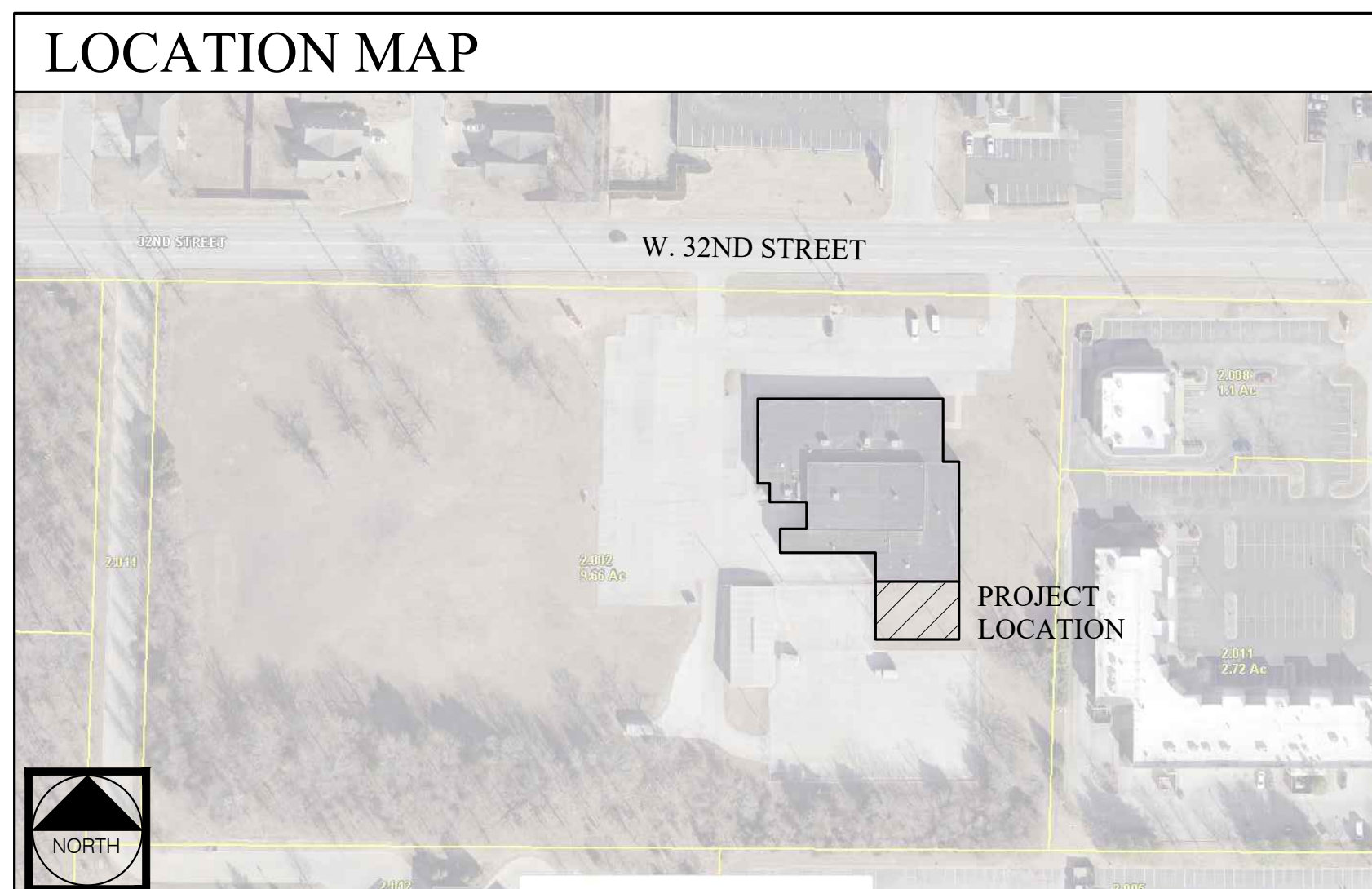
CIVIL ENGINEER:



1200 E. WOODHURST DR. D200
SPRINGFIELD, MO 65804

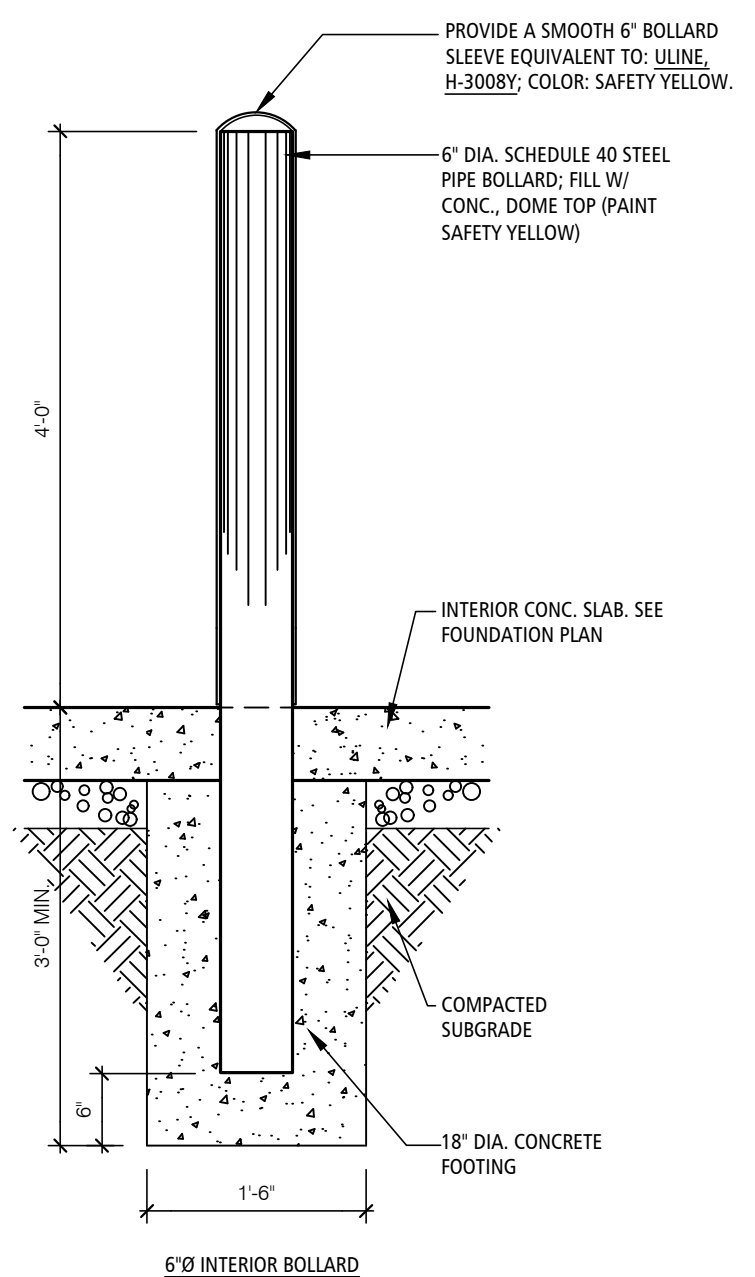
SHEET LIST:

- | | | |
|------|-------|---|
| (1) | G-001 | TITLE SHEET |
| (2) | G-002 | GENERAL INFORMATION & DETAILS |
| (3) | G-010 | CODE COMPLIANCE PLAN |
| (4) | C-100 | SITE PLAN |
| (5) | C-101 | EXISTING FEATURES & DEMOLITION PLAN |
| (6) | C-102 | DIMENSION PLAN |
| (7) | C-200 | GRADING PLAN |
| (8) | C-300 | STORMWATER PLAN |
| (9) | C-400 | SITE DETAILS |
| (10) | C-401 | SITE DETAILS |
| (11) | S-001 | GENERAL NOTES |
| (12) | S-100 | FOUNDATION PLAN |
| (13) | S-200 | FOUNDATION DETAILS |
| (14) | A-010 | PARTIAL DEMOLITION PLAN |
| (15) | A-100 | PARTIAL FLOOR PLAN - BUILDING ADDITION |
| (16) | A-150 | PARTIAL ROOF PLAN - BUILDING ADDITION |
| (17) | A-151 | RE-ROOF PLAN - EXISTING BUILDING (BID ALTERNATE #01) |
| (18) | A-152 | RE-ROOF SECTIONS & DETAILS (BID ALTERNATE #01) |
| (19) | A-153 | OWNER RE-ROOF ANTENNA DETAILS (FOR REFERENCE - BID ALTERNATE #01) |
| (20) | A-200 | PARTIAL EXTERIOR ELEVATIONS - BUILDING ADDITION |
| (21) | A-201 | PARTIAL EXTERIOR ELEVATIONS - BUILDING ADDITION |
| (22) | A-202 | EXTERIOR ELEVATIONS (BID ALTERNATE #01) |
| (23) | A-203 | EXTERIOR ELEVATIONS (BID ALTERNATE #01) |
| (24) | A-300 | BUILDING SECTIONS |
| (25) | A-400 | WALL SECTIONS |
| (26) | A-401 | WALL SECTIONS |
| (27) | A-402 | WALL SECTIONS |
| (28) | A-600 | DOORS |
| (29) | A-700 | PARTIAL REFLECTED CEILING PLAN |
| (30) | M-100 | PARTIAL VENTILATION PLAN |
| (31) | M-151 | EXISTING BUILDING MECHANICAL ROOF PLAN |
| (32) | M-152 | NEW MECHANICAL RE-ROOF PLAN |
| (33) | M-153 | RE-ROOF MECHANICAL DETAILS |
| (34) | E-100 | PARTIAL POWER PLAN |
| (35) | E-200 | PARTIAL LIGHTING PLAN |
| (36) | E-201 | EXISTING SITE LIGHTING REMOVAL PLAN |
| (37) | E-202 | NEW SITE LIGHTING PLAN |



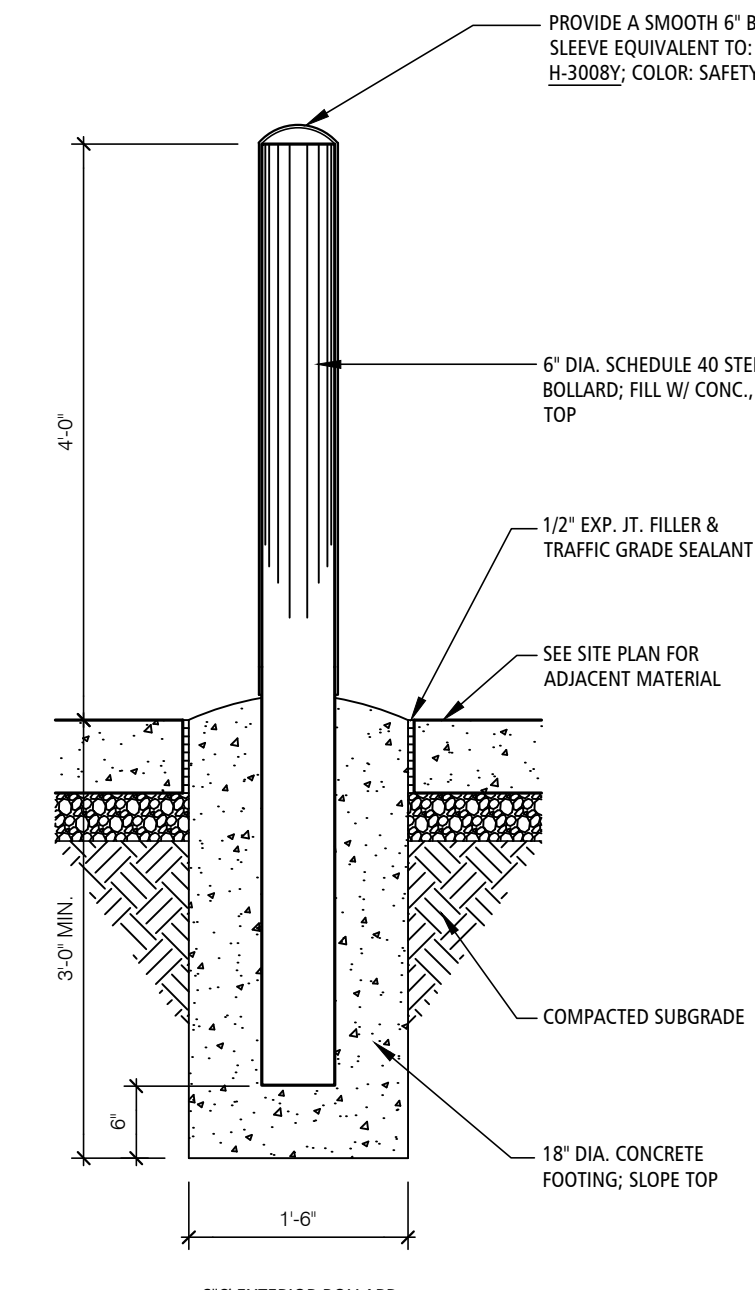
TITLE SHEET
G-001

1 OF 37 SHEETS
04/24/2024



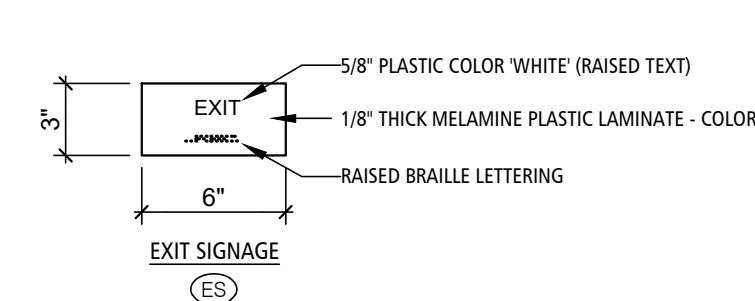
INTERIOR BOLLARD DETAIL 4
SCALE: 3/4" = 1'-0" G-002

TYPICAL



EXTERIOR BOLLARD DETAIL 3
SCALE: 3/4" = 1'-0" G-002

TYPICAL



SIGNAGE NOTE:
PROVIDE TACTILE EXIT SIGNAGE AT EACH EXIT DOOR COMPLIANT WITH IBC 2018 1013.4 AND ANSI 117.1-2017, CHAPTER 7, SECTION 703. COORDINATE FINAL SIGN LOCATION WITH ARCHITECT/OWNER PRIOR TO INSTALLATION. MOUNT HEIGHT A.F.F. TO BE 48" MIN/60" MAX. TO BOTTOM OF CHARACTER TEXT. TYPICAL AT ALL FLOORS. PLASTIC COLORS SELECTED BY ARCHITECT FROM FULL LINE OF COLORS; 12 MIN. COLORS

SIGN DESIGNS SHOWN ARE BASED ON STANDARD MANUFACTURERS ADA COMPLIANT SIGN AND MAY VARY SOMEWHAT. ARCHITECT SHALL REVIEW FOR CONFORMITY WITH SUBMITTAL.

LOCATE SIGNS AT SINGLE DOORS ALONGSIDE THE DOOR AT THE LATCH SIDE. AT DOUBLE DOORS, LOCATE SIGNS ON THE INACTIVE LEAF SIDE. AT DOUBLE DOORS WITH BOTH ACTIVE LEAFS, LOCATE SIGNS TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE ADJACENT THE SIDE OF THE DOOR INDICATED, LOCATE SIGNS ON THE NEAREST ADJACENT WALL.

CODE SIGNAGE 2
SCALE: 1/2" = 1'-0" G-002

SYMBOLS LEGEND

- NOTE: SYMBOLS SHOWN IN LEGENDS ARE TYPICAL AND ALL SYMBOLS MAY NOT OCCUR ON THIS PROJECT
- SECTION REFERENCE. UPPER NUMBER INDICATES DETAIL NUMBER. LOWER NUMBER INDICATES SHEET NUMBER.
 - DETAIL REFERENCE. UPPER NUMBER INDICATES DETAIL NUMBER. LOWER NUMBER INDICATES SHEET NUMBER.
 - INTERIOR ELEVATION SYMBOL - UPPER NUMBER INDICATES ELEVATION NUMBER LOWER NUMBER INDICATES SHEET NO.
 - CASEWORK ELEVATION. UPPER NUMBER INDICATES CASEWORK ELEVATION NUMBER. LOWER NUMBER INDICATES SHEET NUMBER
 - CASEWORK ELEVATION. RIGHT NUMBER INDICATES SHEET NUMBER. LEFT NUMBERS INDICATES ELEVATION NUMBER
 - ROOM NAME & NUMBER - UPPER NUMBER INDICATES ROOM NUMBER LOWER NUMBER INDICATES FINISH NOTES
 - KEY NOTE SYMBOL
 - WINDOW SYMBOL
 - DOOR SYMBOL
 - EQUIPMENT NUMBER
 - WALL TYPE
 - COLLUMN GRID SYMBOLS (EXAMPLE: A-1, COLUMN AT INTERSECTION OF GRID, A AND 1)
 - NORTH ARROW
 - LEVEL LINE (ELEVATION 100'-0")
 - DATUM MARK
 - EXISTING GRADE LINE
 - NEW GRADE LINE
 - PROPERTY LINE
 - FENCE
 - SETBACK LINE
 - FINISH SLAB ELEVATION
 - SPOT ELEVATION
 - SPECIAL NOTES: IF A GRAPHIC SYMBOL OR ABBREVIATION USED ON THIS SET OF DOCUMENTS IS NOT IDENTIFIED IN THIS LEGEND THEN THE CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR PROPER INTERPRETATION.

ABBREVIATIONS

ABBREVIATIONS APPLY TO ARCHITECTURAL SHEETS ONLY AND ARE TYPICAL AND MAY OR MAY NOT OCCUR ON THIS PROJECT. IF AN ABBREVIATION FOUND ON DOCUMENTS IS NOT LISTED, CONTRACTOR SHALL CONTACT ARCHITECT FOR INTERPRETATION.

ABW	ABOVE FINISHED FLOOR	FIN	FINISHED	QT	QUARRY TILE
ABF	ABOVE FINISHED GRADE	FL	FLOOR ELEVATION	RA	RADIUS
ACC	ACCESS PANEL	FE	FIRE EXTINGUISHER	REF	REFERENCE
ACB	ACROUSTICAL BOARD	FE	FIRE EXTINGUISHER CABINET	RIG	RIGID
ACT	ACROUSTICAL TILE	FE	FIRE EXTINGUISHER CABINET	RIP	RIP
ADH	ADHESIVE	FIS	FIRE HOSE STATION	RMC	REINFORCED CONCRETE
ADH	ADHESIVE	FL	FLOORING	RO	ROOF
ADH	ADHESIVE	FL	FLOORING	RCP	REINFORCED CONCRETE PIPE
AGG	AGGREGATE	FLO	FLOORING	RI	RETURN AIR
AGC	AIR CONDITIONING	FLO	FLOORING	RIV	RETURN AIR
ALT	ALTERNATE	FD	FLOOR DRAIN	RJ	RIGHT HAND
AL	ALUMINUM	FS	FLOOR FINISH	RK	RIGHT OF ROAD
AND	ANDOR	FTG	FOUNDATIONS	RL	RULER
AND	ANDOR	FTG	FOUNDATIONS	RO	ROOF DRAIN
AND	ANDOR	FTG	FOUNDATIONS	RIG	ROOFING
AND	ANDOR	FTG	FOUNDATIONS	RI	ROOFING
AND	ANDOR	FTG	FOUNDATIONS	RO	ROOF OPENING
AND	ANDOR	FTG	FOUNDATIONS	RR	RUBBER RAIL
AND	ANDOR	FTG	FOUNDATIONS	RRT	RUBBER TILE
AND	ANDOR	FTG	FOUNDATIONS	RUB	RUBBER TILE
AND	ANDOR	FTG	FOUNDATIONS	SCH	SCHEDULE DOORSET
AND	ANDOR	FTG	FOUNDATIONS	SECT	SECTION
AND	ANDOR	FTG	FOUNDATIONS	SIB	SIB
AND	ANDOR	FTG	FOUNDATIONS	SIS	SHEATHING
AND	ANDOR	FTG	FOUNDATIONS	SMT	SHEET
AND	ANDOR	FTG	FOUNDATIONS	SHP	SHOWER
AND	ANDOR	FTG	FOUNDATIONS	SHP	SIB
AND	ANDOR	FTG	FOUNDATIONS	SC	SOLID CORE
AND	ANDOR	FTG	FOUNDATIONS	SPEC	SPECIFICATION
AND	ANDOR	FTG	FOUNDATIONS	SO	SOLID
AND	ANDOR	FTG	FOUNDATIONS	STA	STATION
AND	ANDOR	FTG	FOUNDATIONS	STE	STEEL
AND	ANDOR	FTG	FOUNDATIONS	STR	STRUT
AND	ANDOR	FTG	FOUNDATIONS	STP	STORM DRAIN
AND	ANDOR	FTG	FOUNDATIONS	STR	STRUCTURAL STEEL
AND	ANDOR	FTG	FOUNDATIONS	SUP	SUBSTRATE
AND	ANDOR	FTG	FOUNDATIONS	SUP	SUBSTRATE
AND	ANDOR	FTG	FOUNDATIONS	SYN	SYNTHETIC
AND	ANDOR	FTG	FOUNDATIONS	TBRD	TERRAZZO
AND	ANDOR	FTG	FOUNDATIONS	TDR	TERRAZZO
AND	ANDOR	FTG	FOUNDATIONS	TDR	TERRAZZO
AND	ANDOR	FTG	FOUNDATIONS	TDR	TERRAZZO

MATERIALS LEGEND - SECTIONS

- EARTH
- CRUSHED ROCK OR DRAINAGE FILL
- CONCRETE
- PRECAST CONCRETE
- MASONRY BLOCK
- FACE BRICK
- FIRE BRICK
- STRUCTURAL GLAZED TILE
- LIMESTONE, SIMULATED STONE
- STONE, SLATE, SOAPSTONE
- MARBLE
- FINISH WOOD
- LAMINATED WOOD BEAM
- PLYWOOD
- CONTINUOUS WOOD BLOCKING OR ROUGH CARPENTRY
- NONCONTINUOUS WOOD BLOCKING
- STEEL/OTHER METALS
- GLASS
- GLASS BLOCK
- EXTERIOR INSULATION & FINISH SYSTEM
- RIGID INSULATION BOARD
- BATT INSULATION
- GYPSUM BOARD
- ACOUSTICAL TILE
- ASPHALT PAVING
- WOOD/METAL STUD WALL; SEE WALL TYPES
- CONCRETE WALL
- MASONRY BLOCK WALL
- BRICK WALL
- EXISTING WALL

MATERIALS LEGEND - SECTIONS

- WOOD/METAL STUD WALL; SEE WALL TYPES
- CONCRETE WALL
- MASONRY BLOCK WALL
- BRICK WALL
- EXISTING WALL
- MODULAR FACE BRICK
- CAST STONE
- EXTERIOR INSULATION & FINISH SYSTEM, PRECAST CONCRETE, OR GYP. BOARD
- SHEET METAL COPING OR TRIM
- SHINGLES/SIDING
- GLASS
- MASONRY BLOCK
- SPLIT FACED MASONRY BLOCK
- WOOD

MATERIALS LEGEND - PARTITIONS

- WOOD/METAL STUD WALL; SEE WALL TYPES
- CONCRETE WALL
- MASONRY BLOCK WALL
- BRICK WALL
- EXISTING WALL

GENERAL NOTES

- THESE FIXTURE AND ACCESSORIES MOUNTING DETAILS & REQUIREMENTS ARE TYPICAL AND APPLY TO REQUIRED ACCESSIBLE INSTALLATIONS ONLY. REFER TO PLANS FOR LOCATIONS AND TYPES OF LAYOUTS. EQUIPMENT SHOWN MAY OR MAY NOT APPEAR ON THIS PROJECT. IF A ROOM IS IN QUESTION AS TO BEING A REQUIRED ACCESSIBLE ROOM - CONTACT ARCHITECT FOR RESOLUTION.
- PROVIDE IN ALL LOCATIONS OF REQUIRED ACCESSORIES, ADEQUATE SOLID BLOCKING CAPABLE OF WITHSTANDING 250 LB. FORCE (SHEAR & BENDING). GRAB BARS SHALL NOT ROTATE. FASTENERS SHALL BE OF A TYPE TO WITHSTAND REQUIRED FORCE AND TYPED FOR TYPE OF WALL CONSTRUCTION.
- ALL EXTERIOR RAMPS SHALL HAVE A NON-SKID FINISH AS SPECIFIED (SEE DETAILS THIS SHEET). ALL INTERIOR RAMPS SHALL HAVE FLOOR MATERIAL OF NON-SKID MATERIAL (SEE SPECIFICATIONS). IF NO FINISH IS INDICATED ON DRAWINGS - PROVIDE RUBBER RADIAL TILE ON FINISH FLOOR SURFACE OF INTERIOR RAMPS.
- ANY METAL FLOOR GRATINGS OR DRAINAGE GRATINGS IN AN ACCESSIBLE PATH SHALL HAVE SPACES NO GREATER THAN 1/2" WIDE IN ONE DIRECTION. LONG DIMENSION SHALL BE PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL.
- ACCESSIBLE DOORS: SWEEP PERIOD OF DOOR CLOSERS ON ACCESSIBLE DOORS SHALL BE ADJUSTED SO THAT FROM OPEN POSITION OF 70°, DOOR WILL TAKE A MINIMUM OF 3 SECONDS TO MOVE TO A POINT 3" FROM THE LATCH. DOORS SHALL REQUIRE NO MORE THAN 5 LB. OF FORCE TO OPEN. ADJUST CLOSERS ACCORDINGLY.
- SEE DOOR SCHEDULE FOR MINIMUM REQUIRED CLEAR AREA AT LATCH SIDE OF DOOR.

PROJECT REQUIREMENTS

BUXTON KUBIK DODD CREATIVE IS NOT RESPONSIBLE FOR FIELD ACTIVITIES ON THIS PROJECT WITHOUT DIRECT SUPERVISION OF WORK IN PROGRESS. IT IS NEITHER EXPRESSED NOR IMPLIED THAT THE CONTRACTOR CAN CONSTRUCT THIS PROJECT WITHOUT THE ARCHITECT'S FIELD OBSERVATIONS. IF FIELD CONDITIONS ARE UNCOVERED THAT REQUIRE A CHANGE OR ADDITIONAL INFORMATION, THE ARCHITECT DOES NOT DELEGATE HIS AUTHORITY TO ANYONE ELSE FOR DETERMINING THE MEANINGS OF THESE PLANS OR SPECIFICATIONS.

DRAWINGS ARE NOT TO BE SCALED. DIMENSIONAL DATA SHALL BE OBTAINED FROM WRITTEN INFORMATION ONLY. VERIFY ALL DIMENSIONS BEFORE PROCEEDING. ANY DIMENSIONAL DEVIATION FROM THAT SHOWN ON THE DRAWINGS, WHICH MAY AFFECT INTENT OF DESIGN OR PROPER INCORPORATION OF ELEMENTS, SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PROMPTLY AND RESOLUTION OBTAINED BEFORE PROCEEDING.

THE CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL SITE CONDITIONS.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LOCATIONS OF EXISTING CONDITIONS PRIOR TO THE START OF CONSTRUCTION.

THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UTILITIES AND MAKE CONNECTIONS THERETO PER LOCAL UTILITY COMPANY REQUIREMENTS.

THE CONTRACTOR SHALL PROPERLY SHORE UP EXISTING STRUCTURE IF ANYWHERE REQUIRED DURING CONSTRUCTION. ANY EXISTING WALLS SHOWN TO BE REMOVED THAT ARE, DURING CONSTRUCTION, FOUND TO BE LOAD BEARING OR PERTINENT TO THE STRUCTURAL STABILITY IF THE STRUCTURE, CONTRACTOR SHALL CONTACT ARCHITECT FOR RECD ACTION TO BE TAKEN. ALL TEMPORARY STRUCTURAL SUPPORTS SHALL BE IN PLACE PRIOR TO REMOVAL OF EXISTING STRUCTURAL MEMBERS.

THE CONTRACTOR SHALL PAY FOR ALL PERMITS, GOVERNMENTAL FEES, LICENSES AND INSPECTIONS.

ALL WORK SHALL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES. THE MORE STRINGENT TO GOVERN. DISCREPANCIES BETWEEN CONTRACT DOCUMENTS AND CODES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PROMPTLY AND RESOLUTION OBTAINED BEFORE PROCEEDING.

NO ASBESTOS PRODUCTS ARE PERMITTED ON THIS PROJECT AND CERTIFICATION OF SAME MAY BE REQUIRED UPON REQUEST. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL REQUEST FROM THE OWNER AN ASBESTOS SURVEY AND ABATEMENT CERTIFICATES.

THE CONTRACTOR SHALL PROVIDE AND PAY FOR LABOR, MATERIALS, CONSTRUCTION EQUIPMENT AND MACHINERY, TOOLS, UTILITIES, TRANSPORTATION FOR THE ABOVE MENTIONED AND ANY OTHER FACILITIES OR SERVICES NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.

THE CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS WITH THE INFORMATION FURNISHED BY THE OWNER AND IMMEDIATELY NOTIFY THE ARCHITECT OF ANY ERRORS, INCONSISTENCIES OR OMISSIONS DISCOVERED.

IF A MATERIAL CALL-OUT IS ABSENT FROM ANY DRAWING, DETAIL, OR SPECIFICATION IN THE DOCUMENTS, THE CONTRACTOR SHALL REQUEST INFORMATION AND/OR CLARIFICATION FROM THE ARCHITECT IN WRITING PRIOR TO SUBMITTING A BID. FAILURE TO REQUEST INFORMATION AND/OR CLARIFICATION FROM THE ARCHITECT PRIOR TO BIDDING THE PROJECT WARRANTS THAT THE CONTRACTOR HAS THOROUGHLY REVIEWED THE DRAWINGS AND HIS/her BID INCLUDES ADEQUATE FUNDS TO COMPLETE THE PROJECT AS REASONABLY INFERRED FROM THE DOCUMENTS.

WHENEVER CONFLICTING INFORMATION OR DIRECTION OCCURS IN THE SPECIFICATIONS OR THE DRAWINGS, THE COST FOR THE MORE EXPENSIVE OPTION INCLUDING, BUT NOT LIMITED TO, DETAILS, INSTALLATIONS, PROCEDURES, CALL-OUTS, MATERIALS, SCHEDULES, OR SPECIFICATION SHALL BE USED IN THE CONTRACTORS BID PRICE FOR THE PROJECT. IF, THROUGH CLARIFICATION, THE LESSER COST OPTION APPLIES, THEN THE CONTRACTOR SHALL ISSUE A COST CREDIT TO THE OWNER FOR THE ACTUAL COST DIFFERENCE PLUS CONTRACTOR MARKUP INCLUDING OVERHEAD AND PROFIT.

ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUCTED TO APPLY TO SIMILAR CONDITIONS ELSEWHERE. IF A CONDITION EXISTS IN THE DRAWINGS WHERE THE APPLICABLE CONSTRUCTION DETAIL IS UNCLEAR, THE CONTRACTOR SHALL REQUEST INFORMATION AND/OR CLARIFICATION FROM THE ARCHITECT IN WRITING PRIOR TO SUBMITTING THE BID FOR CONSTRUCTION OF THE PROJECT.

ALL DIMENSIONS INDICATED IN CONTRACT DOCUMENTS ARE FROM FACE OF STUD TO FACE OF STUD, FACE OF EXISTING STRUCTURE OR FINISH, FACE OF CONCRETE OR BLOCK, OR TO STRUCTURAL LINE, EXCEPT AS NOTED OTHERWISE. DIMENSIONS OF EXISTING STRUCTURE, ETC. ARE +/- AND SHOULD BE FIELD VERIFIED PRIOR TO COMMENCEMENT OF WORK AND ARCHITECT IS NOTIFIED OF ANY DISCREPANCIES.

PROVIDE SOLID BLOCKING AS REQUIRED TO INSTALL EQUIPMENT, MILLWORK, ETC.

GENERAL CONTRACTOR SHALL COORDINATE ALL MECHANICAL, ELECTRICAL & PLUMBING WORK AND PROVIDE ALL NECESSARY CONSTRUCTION TO FACILITATE SAID WORK INCLUDING, BUT NOT LIMITED TO ROUGH OPENINGS, EQUIPMENT SUPPORTS, BACKING AND COORDINATION OF FINISH WORK, WHETHER OR NOT SPECIFICALLY INDICATED ON CONTRACT DOCUMENTS.

SHOULD THE OWNER BECOME AWARE OF ANY FACTS OR CONDITIONS WHICH MAY ADVERSELY AFFECT THE PERFORMANCE OF THE STRUCTURE OR THE USE OF THE FACILITY OR AFFECT THE ARCHITECT (INCLUDING THE ARCHITECT'S CONSULTANTS) IN THE PERFORMANCE OF THE PROFESSIONAL SERVICE, THE OWNER SHALL IMMEDIATELY DISCLOSE SUCH MATERIAL FACTS OR AGREE TO BE RESPONSIBLE FOR THE COSTS OF LIABILITY ASSOCIATED WITH NON-DISCLOSURE.

ADDITIONAL WORK BEYOND THE WORK OF THIS CONTRACT SHALL NOT BE AUTHORIZED EXCEPT AS DIRECTED BY ARCHITECT AND WITH APPROVAL OF THE OWNER.

AS OBSERVED BUILT CONDITIONS DEVIATE FROM THE ORIGINAL DRAWINGS PROVIDED TO ARCHITECT, IN AS MUCH THE ARCHITECT ASSUMES NO RESPONSIBILITY FOR CODE COMPLIANCE AND INTEGRITY OF ORIGINAL CONSTRUCTION. NO EXHAUSTIVE EXPLORATIONS HAVE BEEN MADE, NOR ARE SUCH EXPLORATIONS REQUESTED BY THE OWNER. ALL STRUCTURAL AND DESIGN ASSUMPTIONS ARE BASED ON EXISTING ARCHITECTURAL DOCUMENTS AND READILY VERIFIABLE VISUAL OBSERVATION.

PROJECT # T2333-01
SITE # 6276
FACILITY # 8136276002

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 04/24/2024

CAD DWG FILE: G-002
DRAWN BY: JD
CHECKED BY: JD
DESIGNED BY: JD

SHEET TITLE:
GENERAL INFORMATION & DETAILS

SHEET NUMBER:
G-002

2 OF 37 SHEETS
04/24/2024

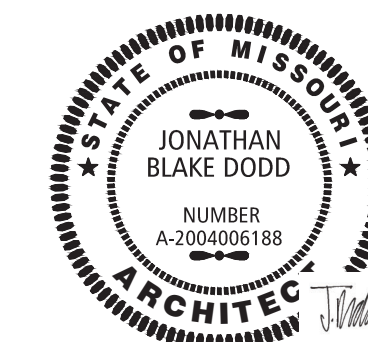
STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR

BUXTON KUBIK DODD
DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
PHONE: 417.890.5543 FAX: 417.800.5563
MISSOURI CERTIFICATE OF AUTHORITY NO. A-2006007284

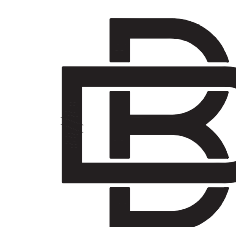
OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

NATIONAL GUARD

CONSTRUCT ADDITION
JOPLIN READINESS CENTER
2000 W. 32ND STREET
JOPLIN, MISSOURI 64804



Digitally signed
by Jonathan
Dodd
Date:
2024.07.18
10:19:00-0500'



BUXTON KUBIK DODD
DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
PHONE: 417.800.5543 FAX: 417.800.5563
MISSOURI CERTIFICATE OF AUTHORITY NO. A-200607284

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

NATIONAL GUARD

CONSTRUCT ADDITION
JOPLIN READINESS CENTER
2000 W. 32ND STREET
JOPLIN, MISSOURI 64804

PROJECT # T2333-01
SITE # 6276
FACILITY # 8136276002

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 04/24/2024

CAD DWG FILE: G-010
DRAWN BY: JD
CHECKED BY: JD
DESIGNED BY: JD

SHEET TITLE:
**CODE
COMPLIANCE
PLAN**

SHEET NUMBER:

G-010

3 OF 37 SHEETS
04/24/2024

BUILDING CODE DATA

BASED ON THE INTERNATIONAL BUILDING CODE, 2018 EDITION (IBC 2018)
OTHER APPLICABLE CODES:
INTERNATIONAL MECHANICAL CODE, 2018 (IMC 2018)
INTERNATIONAL PLUMBING CODE, 2018 EDITION (IPC 2018)
INTERNATIONAL FUEL GAS CODE, 2018 EDITION (IFGC 2018)
INTERNATIONAL FIRE CODE, 2018 EDITION (IFC 2018)
INTERNATIONAL EXISTING BUILDING CODE, 2018 EDITION (IEBC 2018)
2017 NATIONAL ELECTRICAL CODE (NEC)
ICC ANS I 117.1-2017

BUILDING INFORMATION:
EXISTING BUILDING: 25,194 GSF
NEW BUILDING ADDITION: 3,808 GSF
NEW BUILDING TOTAL: 29,002 GSF (GROSS)

*SEE CODE COMPLIANCE PLANS ALSO THIS SHEET

ZONING:
R-1 - SINGLE FAMILY RESIDENTIAL DISTRICT (CITY OF JOPLIN, MO) - NOT APPLICABLE
PROPERTY IS OWNED BY THE STATE OF MISSOURI.

USE GROUP:
304.1 - "B" BUSINESS USE BUILDING (PER PREVIOUS CONSTRUCTION DOCUMENTS)

CONSTRUCTION TYPE: 2B, NON-COMBUSTIBLE

OCCUPANT LOAD:
290 TOTAL BUILDING OCCUPANTS - SEE CODE COMPLIANCE PLANS THIS SHEET.

ALLOWABLE HEIGHT (TABLE 504.3):
"B" BUSINESS USE / 2B CONSTRUCTION / NON-SPRINKLERED: 55' MAX. HT ABOVE GRADE PLANE ALLOWED.
ACTUAL BLDG HEIGHT: 20'-6" EXISTING ABOVE GRADE PLANE - OK

ALLOWABLE STORIES (TABLE 504.4):
2B CONSTRUCTION / NON-SPRINKLERED: 3 STORIES MAX. ABOVE GRADE PLANE ALLOWED.
ACTUAL BLDG STORIES: 1 STORY EXISTING ABOVE GRADE PLANE - OK

ALLOWABLE AREA (TABLE 506.2):
2B CONSTRUCTION / NON-SPRINKLERED: 23,000 SF PER FLOOR MAX. ALLOWED.
ACTUAL BLDG AREA: 29,002 SF; REQUIRES AN AREA INCREASE.
SECTION 506.2.1 - SINGLE OCCUPANCY, ONE STORY BUILDING AREA INCREASE:
 $A_n = (A + (INSD)) \times S_n$
 $A_n = (23,000 + (23,000 \times 1.5)) \times 1 = 57,500 \text{ SF/FLOOR ALLOWED } (> 29,002 \text{ GSF ACTUAL}) - \text{OK}$
CALCULATED VALUES: $A_n = 23,000$, $H = 1.5$
506.2 (FRONTAGE INCREASE): $H = (P/P - 0.25)W/30$
 $H = (1070/1070 - 0.25) 60/30 = 1.5$

FIRE SEPARATIONS:
T1020.1 - "S" & "B" USE GROUP CORRIDORS ARE NOT REQUIRED TO BE RATED WHEN AREA SERVED BY FIRE SPRINKLER SYSTEM AND LESS THAN 30 OCCUPANTS.

FIRE RESISTANCE RATINGS (TABLE 601):
FIRE RESISTANT RATINGS OF STRUCTURAL ELEMENTS (BASED ON CONST. TYPE 2B)

STRUCTURAL FRAME	0 HOUR	NON-BEARING WALLS (INTERIOR)	0 HOUR
BEARING WALLS (EXTERIOR)	0 HOUR	FLOOR CONSTRUCTION	0 HOUR
BEARING WALLS (INTERIOR)	0 HOUR	ROOF CONSTRUCTION	0 HOUR
NON-BEARING WALLS (EXTERIOR)	0 HOUR		

AUTOMATIC FIRE SUPPRESSION SYSTEM:
AUTOMATIC FIRE SUPPRESSION IS NOT REQUIRED / NOT EXISTING FOR BUSINESS USE BUILDINGS PER SECTION 903.

MEANS OF EGRESS:
T1006.2.1 - COMMON PATH OF EGRESS TRAVEL: (W/O FIRE SPRINKLER SYSTEM)
"B" USE AREAS: 75' MAX. COMMON PATH OF EGRESS TRAVEL DISTANCE W/ OCCUPANT LOAD GREATER THAN 30. NO CPET DISTANCES EXCEEDED.
T1017.2 - EXIT ACCESS TRAVEL DISTANCE:
"B" USE AREAS: 200' MAX. EXIT ACCESS TRAVEL DISTANCE (W/O FIRE SPRINKLER SYSTEM)
NO EXIT ACCESS TRAVEL DISTANCES EXCEEDED - SEE CODE COMPLIANCE PLANS.
ANY ACCESS CONTROLLED DOORS (PROVIDED BY OWNER/TENANT'S VENDOR) SHALL COMPLY WITH 2018 IBC CHAPTER 10.

ACCESSIBILITY:
ACCESSIBLE ENTRANCES PROVIDED IN EXISTING BUILDING. NEW ADDITION EXIT IS NOT REQUIRED TO BE ACCESSIBLE.
ACCESSIBLE PARKING SPACES & ACCESSIBLE ROUTES PROVIDED FOR EXISTING BUILDING UNDER PREVIOUS CONSTRUCTION DOCUMENTS.
SEE FLOOR PLANS SHOWING ACCESSIBLE CLEARANCES & SIGNAGE REQUIRED.

PLUMBING FIXTURES (MIN. NUMBER REQUIRED - IBC 2018: TABLE 2902.1)
ALL PLUMBING FIXTURES ARE PROVIDED UNDER PREVIOUS CONSTRUCTION DOCUMENTS FOR THE FACILITY. NO NEW PLUMBING FIXTURES ARE REQUIRED/PROVIDED.

PARKING:
ALL PARKING, INCLUDING ACCESSIBLE PARKING, IS EXISTING AND PROVIDED UNDER PREVIOUS CONSTRUCTION DOCUMENTS FOR THE FACILITY. NO NEW PARKING SPACES ARE REQUIRED.

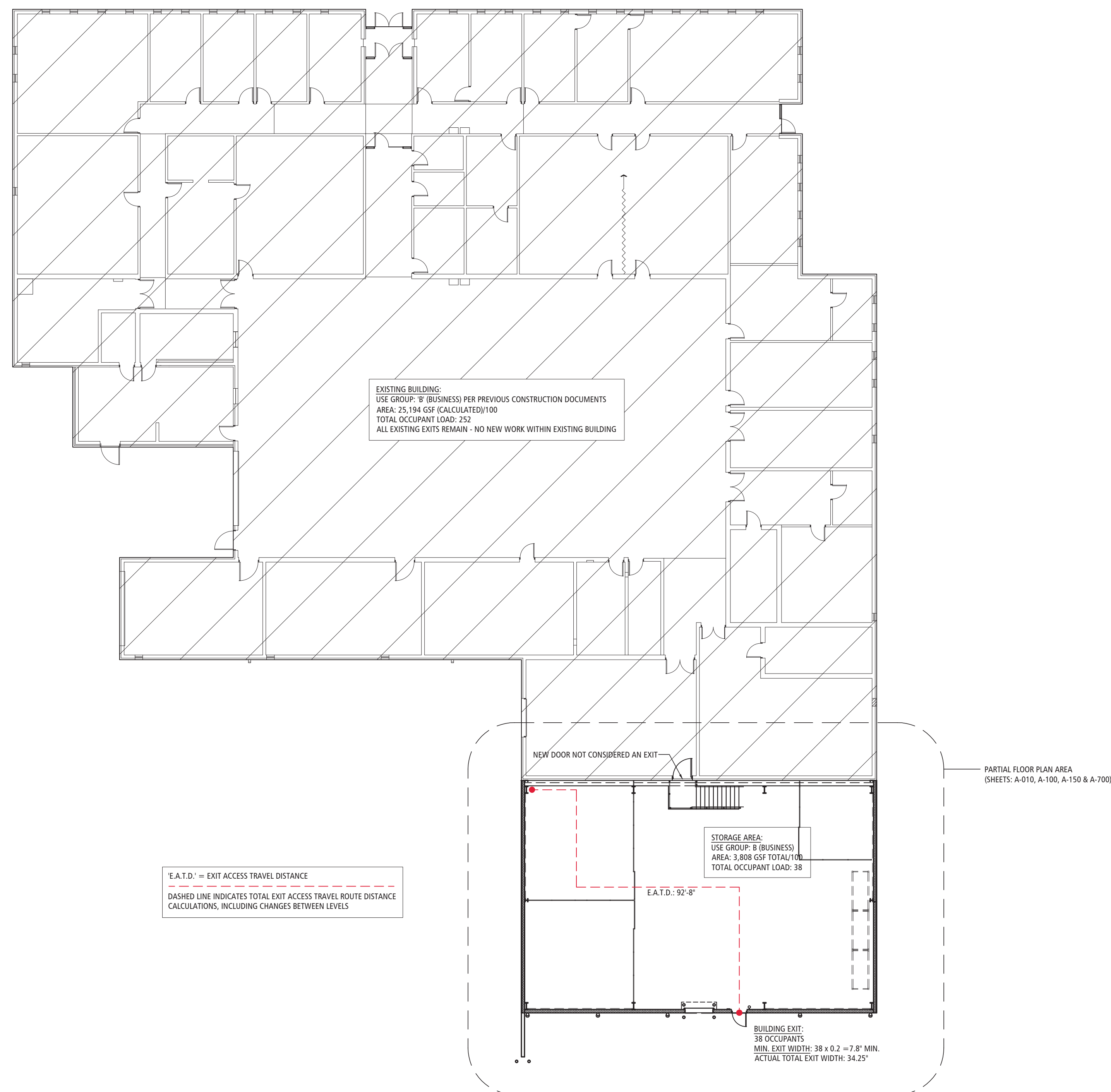
DEFERRED SUBMITTALS

THE FOLLOWING DEFERRED SUBMITTALS SHALL BE SUBMITTED TO THE ARCHITECT (FOR SUBMISSION TO THE OWNER/OTHER AHI) BY THEIR RESPECTIVE DESIGNERS/ENGINEERS AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MISSOURI:

- 1) PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS, CALCULATIONS & MANUFACTURER'S CERTIFICATION LETTER.
- 2) SHORING DESIGN SUBMITTAL.

SPECIAL INSPECTIONS

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE HIRING OF A THIRD PARTY TESTING AGENCY FOR REQUIRED SPECIAL INSPECTIONS IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.



SITE PLAN

OWNER/DEVELOPER:
MISSOURI NATIONAL GUARD
2302 MILITIA DRIVE
JEFFERSON CITY, MO 65101

FIRE APPARATUS ACCESS:
FIRE APPARATUS ACCESS ALONG THE EXISTING ASPHALT PAVEMENT.

WATER QUALITY NOTE:
WATER QUALITY IS NOT REQUIRED.

DETENTION NOTE:
DETENTION IS NOT REQUIRED.

BENCHMARK:
SITE BM - SPIKE IN LIGHT POLE BETWEEN BOTH EXISTING BUILDINGS.
ELEV = 1035.74 (NAVD88)

FLOOD NOTE:
This property lies in Flood Zone "X" (areas determined to be outside of the 0.2% annual chance floodplain) according to FIRM Community Panel 29097C0266E, effective November 2, 2012.

GENERAL NOTES:
1) A COPY OF THE FILED PLANS MUST BE ON SITE AT ALL TIMES.
2) NO MEASUREMENTS SHALL BE SCALED OFF THE PLANS USE LABELED DISTANCES ONLY.
3) THE CONTRACTOR IS RESPONSIBLE FOR ANY PRIVATE PROPERTY DAMAGE WHICH IS DUE TO HIS OPERATIONS.
4) ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM (N.A.V.D. 1988)

5) UNDERGROUND WATER, GAS, TELEPHONE, SEWER, ELECTRICAL, ECT. UTILITY INFORMATION SHOWN ON THIS PLAN WAS COMPILED FROM PREVIOUS SITE PLANS, UTILITY COMPANY MAPS, AND FIELD LOCATION OF VISIBLE STRUCTURES SUCH AS MANHOLES, VALVES, JUNCTION BOXES, ETC. IN ALL CASES, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ANY UNDERGROUND UTILITIES THAT MAY AFFECT HIS WORK PRIOR TO ANY ON-SITE CONSTRUCTION.

6) THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES BEFORE EXCAVATION. UTILIZE "MISSOURI ONE-CALL" BY CALLING 1-800-DIG-RITE AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
7) IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF EXISTING UNDERGROUND FACILITIES PRIOR TO BEGINNING INSTALLATION OF NEW FACILITIES. CONTACT THE ENGINEER FOR INSTRUCTIONS WHEREVER ANY CONFLICTS ARE DISCOVERED.

8) IT IS THE CONTRACTOR'S RESPONSIBILITY TO CORRECT ANY DAMAGE TO UNDERGROUND UTILITIES OR OTHER OBSTRUCTIONS WHICH IS DUE TO HIS OPERATIONS.

9) MANHOLE COVERS, VALVE BOXES, AND OTHER UTILITY APPURTENANCES SHALL NOT ENCRUCH ON SIDEWALKS, CURBS, OR PAVEMENT. WHERE CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO PROCEEDING.

10) THE CONTRACTOR SHALL STRICTLY COMPLY WITH ALL OSHA SAFETY RULES AND REGULATIONS AND USE ONLY APPROVED EQUIPMENT REQUIRED FOR THE PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL ALSO STRICTLY COMPLY WITH ALL OSHA SAFETY RULES AND REGULATIONS AND USE ONLY APPROVED METHODS OF EXCAVATION, TRENCHING AND SHORING METHODS AS DESCRIBED IN OSHA 29 CFR 1926.650. THE CONTRACTOR SHALL MAINTAIN AND CLOSELY SUPERVISE ALL SAFETY PRACTICES AND CODES.

11) THE CONTRACTOR SHALL ADHERE TO ALL PROVISIONS AND RECOMMENDATIONS INCLUDED IN THE GEOTECHNICAL REPORT PREPARED BY PALMERTON & PARRISH DATED 9/14/23 (PROJECT #23-4543). ANY SOILS IN EXCAVATED SOFT OR WET AREAS THAT DO NOT MEET STANDARD PROCTOR DENSITY SHALL BE REMOVED, RECOMPACTED, AND RETESTED. SEE GEOTECHNICAL REPORT SECTION 7.2 FOR COMPACTION REQUIREMENTS.

12) TRAFFIC CONTROL MEASURES SHALL BE IN CONFORMANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

13) THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FULLY FAMILIAR WITH ALL OF THE CONDITIONS THAT PERTAIN TO THE WORK DESCRIBED HEREIN. THE FAILURE TO UNDERSTAND OR TO HAVE KNOWLEDGE OF ISSUES THAT COULD HAVE BEEN DETERMINED PRIOR TO BIDDING WILL NOT CONSTITUTE GROUNDS FOR ASKING FOR WORK CHANGE ORDERS OR EXTRA WORK.

14) CONTRACTOR IS REQUIRED TO TAKE CARE NOT TO DAMAGE ANY EXISTING STREET, CURB & GUTTER, SIDEWALK AND DRIVEWAY DURING CONSTRUCTION.

15) THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO CURB, PAVEMENT, SIDEWALK, ETC. BACK TO CITY SPECIFICATIONS.

16) THE CONTRACTOR AND/OR BUILDER WILL KEEP THE PROJECT AREA NEAT AND ORDERLY AT ALL TIMES WHILE BUILDING IS TAKING PLACE. ACCESS STREETS TO THE PROJECT SHALL BE KEPT CLEAN OF MUD, DEBRIS, PAPER AND WASTE MATERIAL AT ALL TIMES. CONTRACTOR SHALL PROVIDE GRAVEL CONSTRUCTION ENTRANCES AT EACH ACCESS POINT.

17) THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING DISCHARGE OF SEDIMENT FROM THE SITE AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE NECESSARY MEASURES APPROVED BY THE CITY DURING ALL PHASES OF THESE OPERATIONS REGARDLESS OF WHETHER THEY ARE SPECIFICALLY NOTED ON THE DRAWINGS AND SHALL MAINTAIN AND REPLACE CONTROLS AS NECESSARY DURING THE COURSE OF THESE OPERATIONS.

18) THE CONTRACTOR SHALL MINIMIZE DISTURBANCE OF AREA AND PHASE CONSTRUCTION SUCH THAT NO DISCHARGE OF SEDIMENT OR SEDIMENT-LADEN WATER OCCURS ON OFF-SITE PROPERTY. ANY ACCUMULATED SEDIMENT IN STORM DRAINS OR OFF-SITE PROPERTY SHALL BE REMOVED PRIOR TO FINAL ACCEPTANCE.

19) THE CONTRACTOR SHALL CLEAN STREETS, BOTH INTERIOR AND ADJACENT TO THE SITE, AS NEEDED, AFTER EACH RAINFALL, AND AT THE END OF CONSTRUCTION.

20) THE CONTRACTOR IS REQUIRED TO RETAIN FLOATABLE WINDBLOWN MATERIALS ON SITE BY STORING ALL TRASH AND BUILDING MATERIAL WASTE IN ENCLOSURES UNTIL PROPER DISPOSAL AT OFF-SITE FACILITIES. CONTRACTOR IS REQUIRED TO CHECK ADJACENT AREAS DAILY AND PICK UP CONSTRUCTION WASTE MATERIALS AND DEBRIS THAT HAVE BLOWN OR WASHED OFF-SITE.

21) CONTRACTOR IS REQUIRED TO KEEP THE ROCK, MUD AND DIRT OFF OF ALL ROADWAYS DURING CONSTRUCTION.

ZONING REQUIREMENTS:

PROPOSED SITE AREA: 9.36 AC
ZONING: R-1

BUILDING SETBACKS (BUILDING TYPE: SMALL CIVIC):

FRONT 25' (32ND STREET)
REAR 30'
SIDE 15'

BUILDING COVERAGE ALLOWED: 40%
EXISTING BUILDING COVERAGE: 7.1% (28,771/407,673 SF)
PROPOSED BUILDING COVERAGE: 8.0% (32,579/407,673 SF)

EXISTING PARKING

*HANDICAP SPACES 2
*STANDARD SPACES 127
TOTAL = 129

EXISTING OPEN SPACE: 71.6%
PROPOSED OPEN SPACE: 70.4%

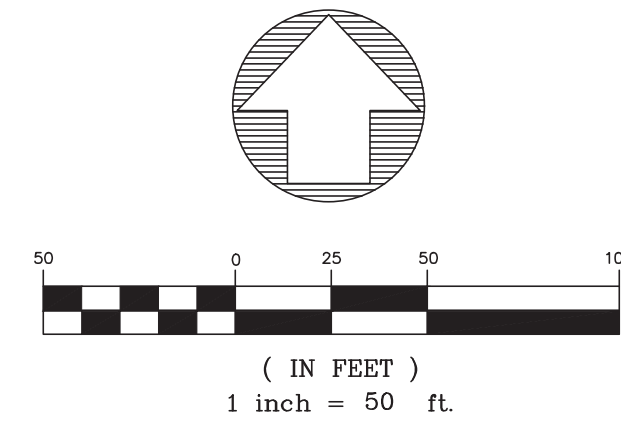
EXISTING IMPERVIOUS: 28.4% (115,868/407,673 SF)
PROPOSED IMPERVIOUS SURFACE: 29.6% (120,678/407,673 SF)

PAVING CONSTRUCTION NOTES:

- ① CONCRETE PAVEMENT SEE CONCRETE PAVEMENT DETAIL SHEET C-400
- ② TURNDOWN CONCRETE SIDEWALK SEE DETAIL SHEET C-400

CONSTRUCTION NOTES:

- ① PROPOSED BUILDING SEE ARCHITECTURAL PLANS
- ② PROPOSED 72" TALL CHAIN LINK FENCE WITH OUTWARD FACING SECURITY BARB WIRE - SEE DETAIL C-401
- ③ CONCRETE RETAINING WALL. SEE SHEET C-200 FOR TOP OF WALL ELEVATIONS AND SEE STRUCTURAL PLANS FOR WALL DETAILS
- ④ PIPE BOLLARD SEE ARCHITECTURAL SHEET C-002 FOR DETAILS



VICINITY MAP
NOT TO SCALE

LEGEND

- FOUND IRON PIN
- SET IRON PIN OR MARKER AS NOTED
- △ R/W MARKER
- BOUNDARY LINE
- - - EASEMENT LINE
- · - · SETBACK LINE
- (M) MEASURED
- (P) PLAT
- (D) DEED
- (R) RECORD
- ☆ LIGHT POLE
- ⊙ SANITARY SEWER MANHOLE
- ⊙ SANITARY SEWER CLEANOUT
- SANITARY SEWER LINE
- ⊙ UTILITY POLE
- ⊙ ELECTRIC METER
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- GUY WIRE
- ⊙ PHONE/COMMUNICATION MANHOLE
- ⊙ PHONE PEDESTAL
- CABLE TV RISER
- CABLE TV LINE
- UNDERGROUND PHONE
- OVERHEAD PHONE
- FIBER OPTIC LINE
- WATER VALVE
- WATER METER
- WATER LINE
- FIRE HYDRANT
- GAS VALVE
- GAS METER
- GAS LINE
- FENCE LINE (AS NOTED)
- ROAD SIGN (STOP, SPEED LIMIT, ETC)

ABBREVIATIONS:

- XFMR TRANSFORMER
- ICV IRRIGATION CONTROL VALVE
- CI STORMWATER CURB INLET

DESCRIPTION:
COMMENCING FROM THE NORTHWEST (NW) CORNER OF THE NORTHEAST QUARTER (NE1/4) OF SECTION 21, TOWNSHIP 27 NORTH, RANGE 33 WEST OF THE 5TH PRINCIPAL MERIDIAN, CITY OF JOPLIN, NEWTON COUNTY, MISSOURI; THENCE, SOUTH 01°42'35" WEST, A DISTANCE OF 50.01 FEET; THENCE, SOUTH 89°36'28" EAST, A DISTANCE OF 534.01 FEET ALONG AND WITH THE SOUTH RIGHT-OF-WAY LINE OF 32ND STREET TO AN EXISTING PIN; THENCE, SOUTH 89°35'31" WEST, CONTINUING ALONG SAID SOUTH LINE, A DISTANCE OF 50.00 FEET TO AN EXISTING PIN AND THE POINT OF BEGINNING;
THENCE, CONTINUING SOUTH 89°35'31" EAST, ALONG AND WITH SAID SOUTH LINE, A DISTANCE OF 819.88 FEET TO THE NORTHWEST (NW) CORNER OF LOT ONE (1) OF PAVILION WEST ADDITION, A PLATTED SUBDIVISION IN JOPLIN, MISSOURI; THENCE, SOUTH 01°42'40" WEST, ALONG AND WITH THE WEST LINE OF SAID LOT 1, A DISTANCE OF 499.95 FEET TO THE SOUTHWEST (SW) CORNER OF SAID LOT 1; THENCE, NORTH 89°36'15" WEST, ALONG AND WITH THE NORTH LINE LOT 5 OF PAVILION WEST ADDITION AND THE NORTH LINE OF TRACT 1 OF BOOK 359 PAGE 5516, A DISTANCE OF 811.11 FEET TO AN EXISTING PIN AND THE SOUTHEAST (SE) CORNER OF TRACT 2 OF BOOK 359 PAGE 5516, ALL RECORDED IN THE NEWTON COUNTY RECORDER OF DEEDS OFFICE; THENCE, NORTH 00°42'19" EAST, ALONG AND WITH THE EAST LINE OF SAID TRACT 2, A DISTANCE OF 500.00 FEET TO THE POINT OF BEGINNING; CONTAINING 9.36 ACRES, MORE OR LESS.



LEE Engineering & Associates, L.L.C.
1200 E. Woodhurst Dr., Suite D200
Springfield, Missouri 65804
417-886-9100 (phone)
417-886-9336 (fax)
dlee@leeengineering.biz

Missouri State Certificate of Authority
Engineering #020010304
Land Surveying #020000990
"Engineering with Integrity"
2334 - 2000 W 32nd Joplin - Site 499 PROJECT NO.: 2034

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

NATIONAL GUARD

CONSTRUCT ADDITION
JOPLIN READINESS CENTER
2000 W. 32ND STREET
JOPLIN, MISSOURI 64804

PROJECT # T2333-01
SITE # 6276
FACILITY # 8136276002

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 4/24/24

CAD DWG FILE: _____
DRAWN BY: ACW
CHECKED BY: RS
DESIGNED BY: RS

SHEET TITLE:
SITE PLAN

SHEET NUMBER:

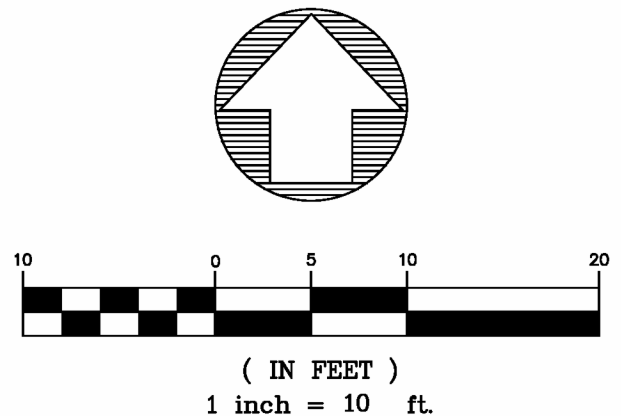
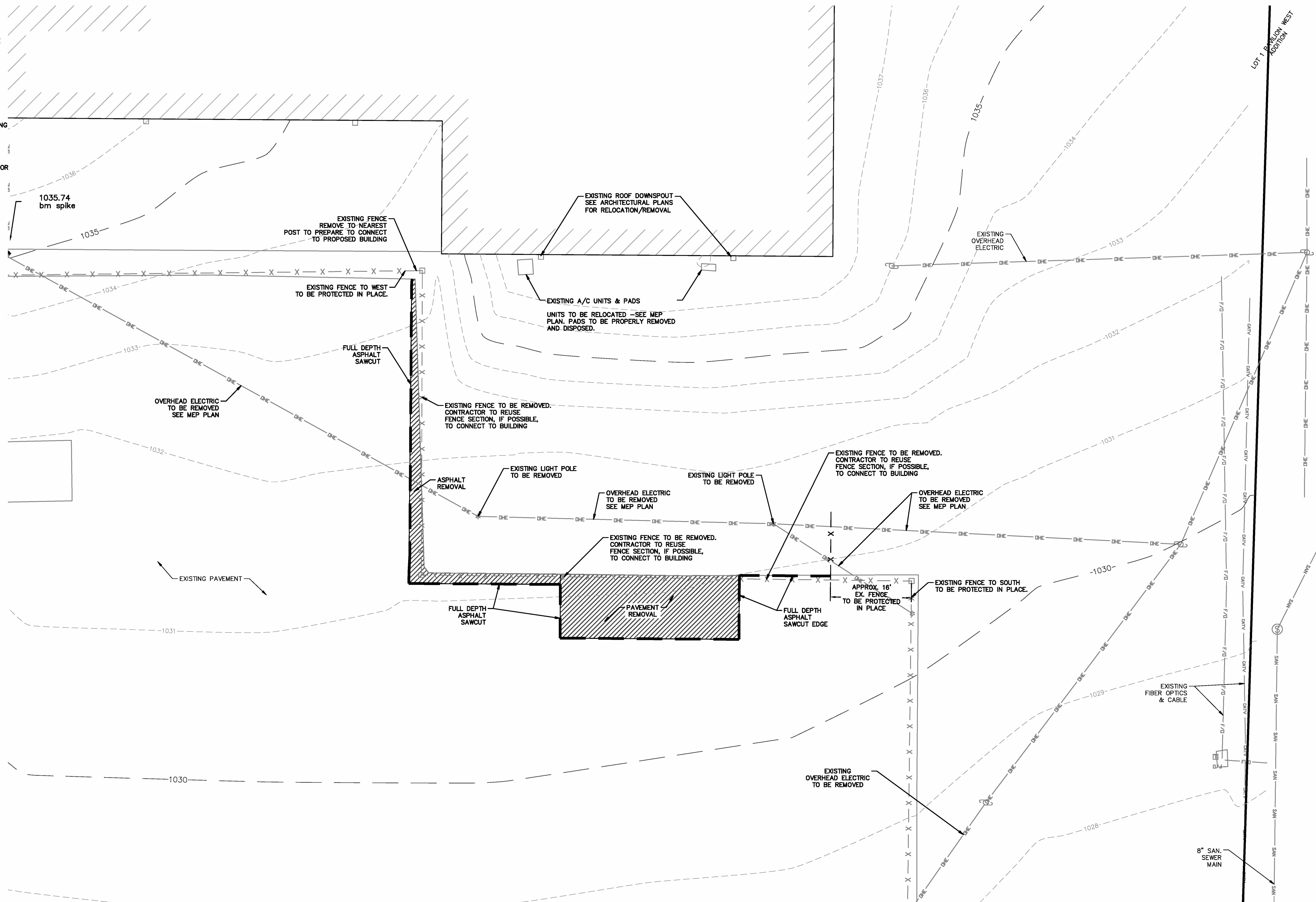
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4 OF 37 SHEETS
04/24/2024

GENERAL DEMOLITION & REMOVAL NOTES:

- 1) THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS REQUIRED FOR DEMOLITION, PAYING ALL SPECIFIED FEES.
- 2) CONFORM TO ALL APPLICABLE CODES AND REGULATIONS FOR DEMOLITION, SAFETY OF ADJACENT STRUCTURES, DUST CONTROL, RUNOFF CONTROL AND DISPOSAL OF DEBRIS.
- 3) NOTIFY AFFECTED UTILITY COMPANIES BEFORE STARTING WORK AND COMPLY WITH THEIR REQUIREMENTS.
- 4) DO NOT CLOSE OR OBSTRUCT ROADWAYS AND FIRE HYDRANTS WITHOUT PERMITS.
- 5) CONFORM TO APPLICABLE REGULATORY PROCEDURES WHEN DISCOVERING HAZARDOUS MATERIALS OR CONTAMINATED MATERIALS.
- 6) CONDUCT DEMOLITION TO MINIMIZE INTERFERENCE WITH ADJACENT ITEMS.
- 7) CEASE OPERATIONS IMMEDIATELY IF ADJACENT STRUCTURES APPEAR TO BE IN DANGER. DO NOT RESUME OPERATIONS UNTIL DIRECTED.
- 8) SEE THE MEP PLAN FOR THE LOCATION OF NEW CONNECTIONS. COORDINATE ALL RELOCATIONS AND INTERRUPTION OF SERVICE WITH APPROPRIATE UTILITY COMPANY. ALLOW ADEQUATE TIME FOR SCHEDULING.
- 9) ROUGH GRADE AND COMPACT AREAS AFFECTED BY DEMOLITION TO MAINTAIN SITE GRADES AND PROVIDE POSITIVE DRAINAGE.
- 10) PROVIDE FULL DEPTH SAW CUTS AT EDGES OF EXISTING PAVEMENT, CURB, AND SIDEWALK REMOVAL LOCATIONS.
- 11) REMOVE EXISTING IMPROVEMENTS WITHIN DEMOLITION LIMITS. ALL DEBRIS SHALL BE REMOVED FROM THE SITE.
- 12) EROSION CONTROL IS REQUIRED TO BE INSTALLED PRIOR TO DEMOLITION.
- 13) ADJUST RIM ELEVATIONS TO FINISH GRADE FOR MANHOLES, VALVES, CLEANOUTS, PULL BOXES, ETC. AS NECESSARY & REPLACE WITH HS-20 RATED FRAME AND COVER.

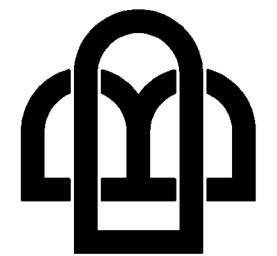
EXISTING FEATURES & DEMOLITION PLAN



STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



4/24/24



BUXTON KUBIK DODD
DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
PHONE: 417.880.0544 FAX: 417.880.0589
MISSOURI CERTIFICATE OF AUTHORITY NO. A-036607254

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

NATIONAL GUARD

CONSTRUCT ADDITION
JOPLIN READINESS CENTER
2000 W. 32ND STREET
JOPLIN, MISSOURI 64804

PROJECT # T2333-01
SITE # 6276
FACILITY # 8136276002

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 4/24/24

CAD DWG FILE: _____
DRAWN BY: ACW
CHECKED BY: RS
DESIGNED BY: RS

SHEET TITLE:
**EXISTING FEATURES
& DEMOLITION
PLAN**

SHEET NUMBER:

C-101

5 OF 37 SHEETS
04/24/2024



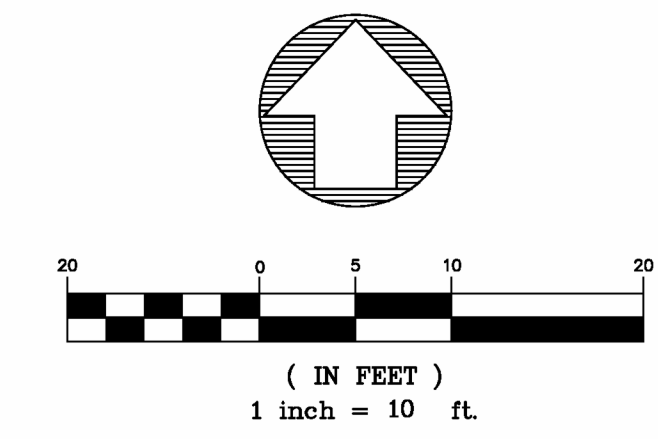
LEE Engineering & Associates, L.L.C.
1200 E. Woodhurst Dr., Suite D200
Springfield, Missouri 65804
417-886-9100 (phone)
417-886-9336 (fax)
dlee@leeengineering.biz

2334 - 2000 W 32nd Joplin - Site 4 PROJECT NO.: 2034

LAYOUT NOTES:

1. SEE ALL OTHER APPLICABLE NOTES AND DETAILS.
2. ALL ANGLES ARE INTENDED TO BE 90° UNLESS OTHERWISE NOTED.
3. SEE ARCHITECTURAL & FOUNDATION PLANS FOR EXACT BUILDING DIMENSIONS.
4. BUILDING CORNER COORDINATES ARE BASED ON THE CURRENT ARCHITECTURAL FLOOR PLAN DATED 4/24/2024 AND ARE SUBJECT TO CHANGE. THE CONTRACTOR SHALL COORDINATE WITH THE STRUCTURAL ENGINEER PRIOR TO BUILDING LAYOUT TO ENSURE THE BUILDING LAYOUT CONFORMS TO THE CURRENT FOUNDATION PLAN, INCLUDING, ALL REVISIONS AND AMENDMENTS.
5. DIMENSIONS PERPENDICULAR TO CURBS ARE MEASURED TO FACE OF CURB.

DIMENSION PLAN



STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



4/24/24

BUXTON KUBIK DODD
DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
PHONE: 417.880.5543 FAX: 417.880.5569
MISSOURI CERTIFICATE OF AUTHORITY NO. A-036667254

OFFICE OF ADMINISTRATION
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MANAGEMENT,
DESIGN AND CONSTRUCTION

NATIONAL GUARD

CONSTRUCT ADDITION
JOPLIN READINESS CENTER
2000 W. 32ND STREET
JOPLIN, MISSOURI 64804

PROJECT # T2333-01
SITE # 6276
FACILITY # 8136276002

REVISION: _____
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ISSUE DATE: 4/24/24

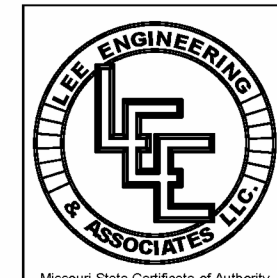
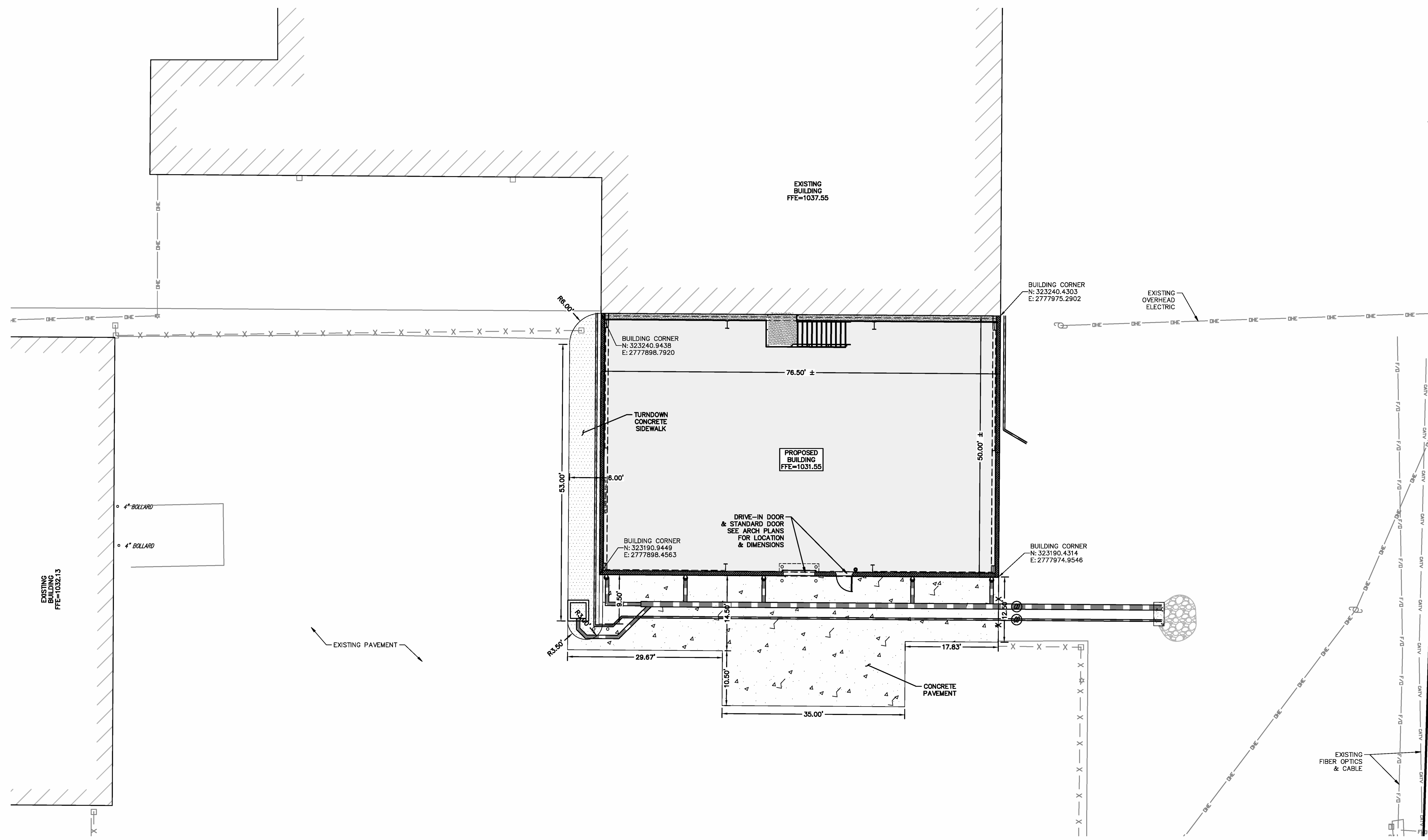
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CHECKED BY: RS
DESIGNED BY: RS

SHEET TITLE:
DIMENSION PLAN

SHEET NUMBER:

C-102

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04/24/2024



LEE Engineering & Associates, L.L.C.
1200 E. Woodhurst Dr., Suite D200
Springfield, Missouri 65804
417-886-9100 (phone)
417-886-9336 (fax)
dlee@leeengineering.biz

Missouri State Certificate of Authority
Engineering #20001504
Land Surveying #20080995
"Engineering with Integrity"

2334 - 2000 W 32nd Joplin - Site 49 PROJECT NO.: 2034

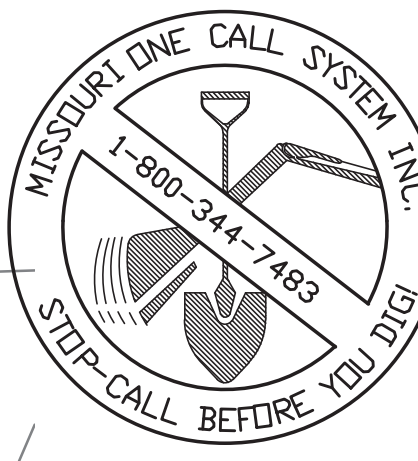
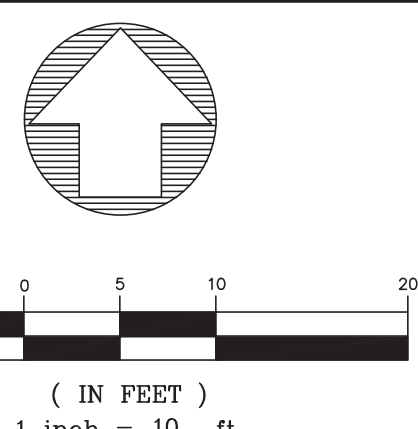
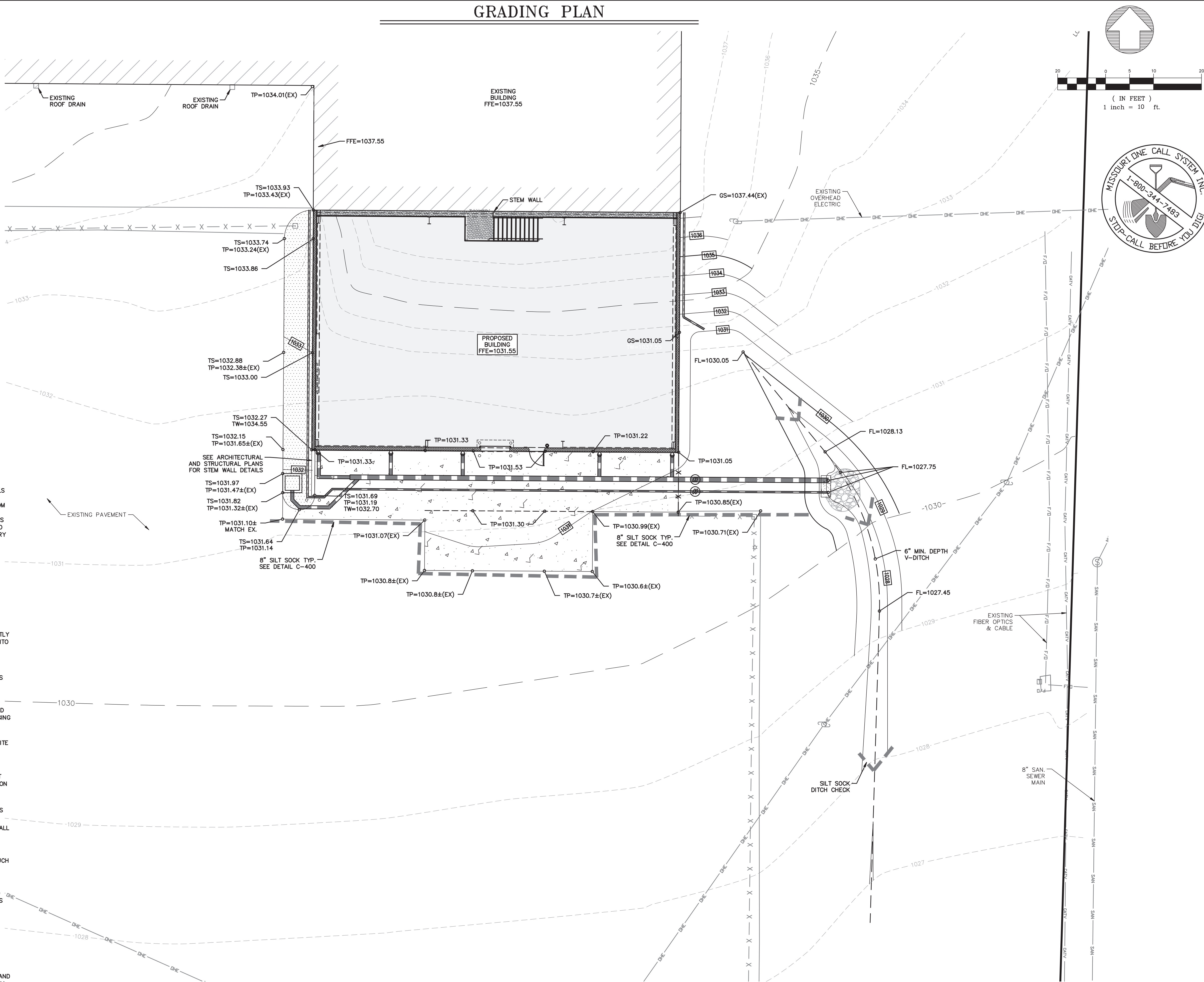
GRADING PLAN

ABBREVIATIONS:
 BC BACK TOP CURB
 TP TOP PAVEMENT
 TA TOP ASPHALT
 TS/TSW TOP SIDEWALK
 TC TOP OF CONCRETE
 GS GROUND ELEVATION
 TW TOP OF WALL
 BW BOTTOM OF WALL

GRADING NOTES:
 1) ALL SITE TOPSOIL IN THE PROPOSED DISTURBED AREAS SHALL BE STRIPPED AND STOCKPILED ON SITE. CONTRACTOR IS RESPONSIBLE TO PROVIDE 6" OF SCREENED TOP SOIL ON ALL AREAS NOT RECEIVING IMPERVIOUS AREA. ALL TOPSOIL IN LANDSCAPED AREAS (INCLUDING BUT NOT LIMITED TO PARKING ISLANDS, ETC) SHALL ALSO BE SCREENED. UPON COMPLETION OF THE PROJECT ALL EXCESS/UNUSED SOIL AND ROCK SHALL BE REMOVED FROM THE SITE.
 2) IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE EARTHWORK QUANTITIES.
 3) THE CONTRACTOR SHALL COMPLY WITH ALL LAWS, ORDINANCES, APPLICABLE SAFETY CODE REQUIREMENTS, AND REGULATIONS RELATIVE TO THE HANDLING, STORAGE, AND USE OF EXPLOSIVES AND THE PROTECTION OF LIFE AND PROPERTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE CAUSED BY HIS BLASTING OPERATIONS. SUITABLE METHODS SHALL BE EMPLOYED TO CONFINE ALL MATERIALS LIFTED BY BLASTING WITHIN THE LIMITS OF THE EXCAVATION.
 4) THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FULLY FAMILIAR WITH ALL OF THE CONDITIONS THAT PERTAIN TO THE WORK DESCRIBED HEREIN. THE FAILURE TO UNDERSTAND OR TO HAVE KNOWLEDGE OF ISSUES THAT COULD HAVE BEEN DETERMINED PRIOR TO BIDDING WILL NOT CONSTITUTE GROUNDS FOR ASKING FOR WORK CHANGE ORDERS OR EXTRA WORK.
 5) THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES BEFORE EXCAVATION. UTILIZE "MISSOURI ONE-CALL" BY CALLING 1-800-DIG-RITE AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
 6) THE INTENT OF THE GRADING PLAN IS TO HAVE A 0.02' (1/4") DROP AT EACH DOOR. THIS INCLUDES ALL DOORS (MAN AND DRIVE IN).
 7) THE CONTRACTOR SHALL ADHERE TO ALL PROVISIONS AND RECOMMENDATIONS INCLUDED IN THE GEOTECHNICAL REPORT PREPARED BY PALMERTON & PARRISH DATED 9/14/23 (PROJECT #23-4543). ANY SOILS IN EXCAVATED SOFT OR WET AREAS THAT DO NOT MEET STANDARD PROCTOR DENSITY SHALL BE REMOVED, RECOMPACTED, AND RETESTED. SEE GEOTECHNICAL REPORT SECTION 7.2 FOR COMPACTION REQUIREMENTS.
 8) SITE GRADING SHALL BE PERFORMED IN SUCH A MANNER TO AVOID PONDING OF SURFACE WATER ON PREPARED SUBGRADE OR IN EXCAVATIONS. IF PONDING OF SURFACE WATER CANNOT BE AVOIDED, THE CONTRACTOR SHALL CONTACT LEE ENGINEERING FOR EVALUATION.

SEDIMENT AND EROSION CONTROL GENERAL NOTES:

1. CONSTRUCTION SHALL NOT BEGIN UNTIL THE INSTALLATION OF THE INITIAL BMPs.
2. THIS PLAN SHOWS THE LOCATION AND DETAILS PRIMARY SEDIMENT CONTROLS TO BE CONSTRUCTED. THE PERMITTEE OR THEIR REPRESENTATIVE IS RESPONSIBLE FOR CONTROLLING EROSION AND DISCHARGE OF SEDIMENT FROM THE SITE AT ALL TIMES DURING CONSTRUCTION. THE PERMITTEE OR THEIR REPRESENTATIVE SHALL PROVIDE NECESSARY MEASURES DURING ALL PHASES OF CONSTRUCTION REGARDLESS OF WHETHER THEY ARE SPECIFICALLY NOTED ON THIS PLAN AND SHALL MAINTAIN AND REPLACE CONTROLS AS NECESSARY DURING CONSTRUCTION TO PREVENT THE MOVEMENT OF SEDIMENT DOWNSTREAM.
3. THE LIMITS OF CLEARING, GRADING, AND DISTURBANCE, AS SHOWN ON THE PLAN(S), SHALL BE KEPT TO A MINIMUM WITHIN THE APPROVED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE THE LIMITS OF DISTURBANCE SHALL REMAIN TOTALLY UNDISTURBED. PHASING SHALL BE USED TO MINIMIZE THE AMOUNT OF DISTURBED AREA AT ANY GIVEN TIME.
4. PERMITTEE OR THEIR REPRESENTATIVE IS RESPONSIBLE FOR INSPECTING EROSION AND SEDIMENT CONTROL BMPs AND FACILITIES EVERY WEEK AND AFTER RAINFALL EVENTS EQUALING AT LEAST 1/4" IN 24 HOURS.
5. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE CLEANED AND SWEEPED AT THE END OF EACH WORKING DAY AT A MINIMUM, MORE FREQUENTLY IF SEDIMENT TRACK OUT IS HEAVY. WASHING OF ACCUMULATED SEDIMENT INTO THE STORM DRAIN OR WATERWAYS IS PROHIBITED.
6. DUST SHALL BE CONTROLLED DURING CONSTRUCTION AND CONSTRUCTION AREAS SHALL BE WATERED WHENEVER CONDITIONS WARRANT.
7. SEDIMENT REMOVED FROM EROSION AND SEDIMENT CONTROLS AND FACILITIES SHALL NOT BE PLACED ON STEEP SLOPES, WETLANDS, FLOODPLAINS OR DRAINAGE SWALES AND SHALL BE IMMEDIATELY STABILIZED, OR PLACED IN TOPSOIL STOCKPILES.
8. ALL PUMPING OF SEDIMENT LADEN WATER SHALL BE THROUGH AN APPROVED SEDIMENT CONTROL BMP, SUCH AS A PUMPED WATER FILTER BAG DISCHARGING OVER NON DISTURBED AREAS.
9. THE PERMITTEE OR THEIR REPRESENTATIVE IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS OFF-SITE BORROW AND FILL AREAS.
10. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT DEPOSITION, THE PERMITTEE OR THEIR REPRESENTATIVE SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO ELIMINATE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT DEPOSITION.
11. THE PERMITTEE OR THEIR REPRESENTATIVE SHALL STABILIZE ALL DISTURBED AREAS NOT SUBJECT TO CONSTRUCTION ACTIVITY WITHIN 14 CALENDAR DAYS AFTER ACTIVITY HAS CEASED.
12. PERMANENT SWALES OR OTHER POINTS OF CONCENTRATED WATER FLOW SHALL BE STABILIZED WITHIN 7 CALENDAR DAYS OF ESTABLISHMENT WITH SOD OR SEED WITH APPROVED EROSION CONTROL MATTING OR BY OTHER APPROVED MEASURES.
13. ALL DISTURBED AREAS NOT RECEIVING OTHER PERMANENT STABILIZATION SUCH AS PAVEMENT, ROOFS, SOD, ETC., SHALL BE SEEDED AND MULCHED.
14. AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM UNIFORM 70% PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS.
15. AFTER FINAL STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENTATION CONTROLS SHALL BE REMOVED. AREAS DISTURBED DURING REMOVAL OF THE CONTROLS SHALL BE STABILIZED IMMEDIATELY.
16. SILT AND DEBRIS MUST BE REMOVED FROM STORM DRAINS, CONVEYANCE CHANNELS, BASINS OR ANY PART OF THE STORMWATER SYSTEM PRIOR TO FINAL SITE STABILIZATION APPROVAL.
17. THE FOLLOWING WILL BE IMPLEMENTED ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS: LIQUID AND SOLID WASTE MANAGEMENT, CHEMICAL AND MATERIAL DELIVERY AND STORAGE, CONCRETE WASTE, PAINTING AND DRYWALL WORK, VEHICLE FUELING, MAINTENANCE AND CLEANING, ASPHALT, SAWCUTTING, CORING, AND GRINDING ACTIVITIES, BUILDING BLASTING AND CLEANING, CEMENT, GROUT AND MORTAR WORK, SANITARY AND SEPTIC WASTES, WATER LINE DISINFECTION, FLUSHING, DEWATERING, AND OTHER NON-STORMWATER DISCHARGES, HAZARDOUS WASTE MANAGEMENT, AND PROHIBITED DISCHARGES.
18. PERMITTEE OR THEIR REPRESENTATIVE SHALL MEET ALL OTHER STATE AND FEDERAL CLEAN WATER REQUIREMENTS.



STATE OF MISSOURI
 MICHAEL L. PARSON,
 GOVERNOR



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CONSTRUCT ADDITION
 JOPLIN READINESS CENTER
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 JOPLIN, MISSOURI 64804

PROJECT # T2333-01
 SITE # 6276
 FACILITY # 8136276002

REVISION: _____
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 DATE: _____
 REVISION: _____
 DATE: _____
 ISSUE DATE: 4/24/24

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 DRAWN BY: ACW
 CHECKED BY: RS
 DESIGNED BY: RS

SHEET TITLE:
GRADING PLAN

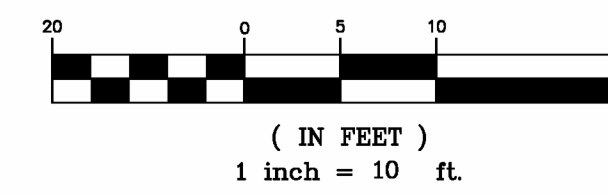
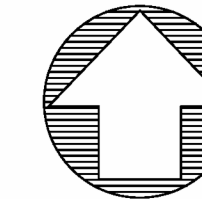
SHEET NUMBER:
C-200
 7 OF 37 SHEETS
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LEE Engineering & Associates, L.L.C.
 1200 E. Woodhurst Dr., Suite D200
 Springfield, Missouri 65804
 417-886-9100 (phone)
 417-886-9336 (fax)
 dlee@leeengineering.biz

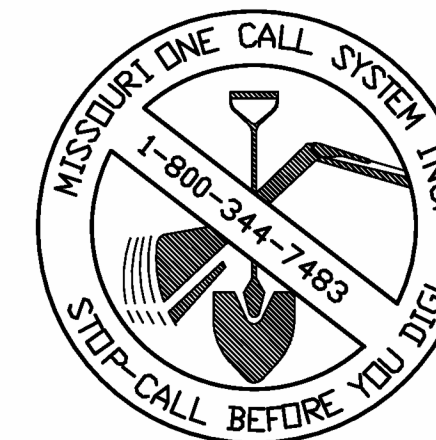
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2334 - 2000 W 32nd Joplin - Site 499 PROJECT NO.: 2034

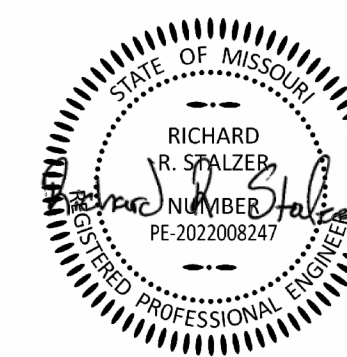
STORMWATER PLAN



- STORMWATER NOTES:**
1. CONNECTION OF PVC TO PVC SHALL BE MADE WITH A STANDARD TEE CONNECTION.
 2. WHERE THERE IS PAVEMENT, FULL DEPTH GRANULAR BACKFILL IS REQUIRED OVER ALL STORMWATER PIPES.
 3. CONTRACTOR SHALL FOLLOW PIPE MANUFACTURER'S CONSTRUCTION LOAD INSTRUCTIONS AND REQUIREMENTS DURING ALL CONSTRUCTION ACTIVITIES OVER AND AROUND PIPES ASSOCIATED WITH THIS PROJECT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE, AT THE CONTRACTOR'S EXPENSE, ALL DAMAGED PIPES THAT OCCURS DURING CONSTRUCTION BASED ON THE MANUFACTURER'S DIRECTIVES.



STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



4/24/24

BUXTON KUBIK DODD
DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
PHONE: 417.880.5543 FAX: 417.880.5563
MISSOURI CERTIFICATE OF AUTHORITY NO. PC06607254

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PROJECT # T2333-01
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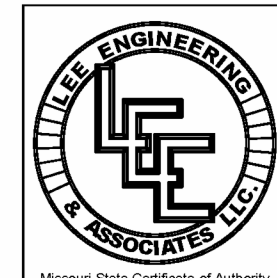
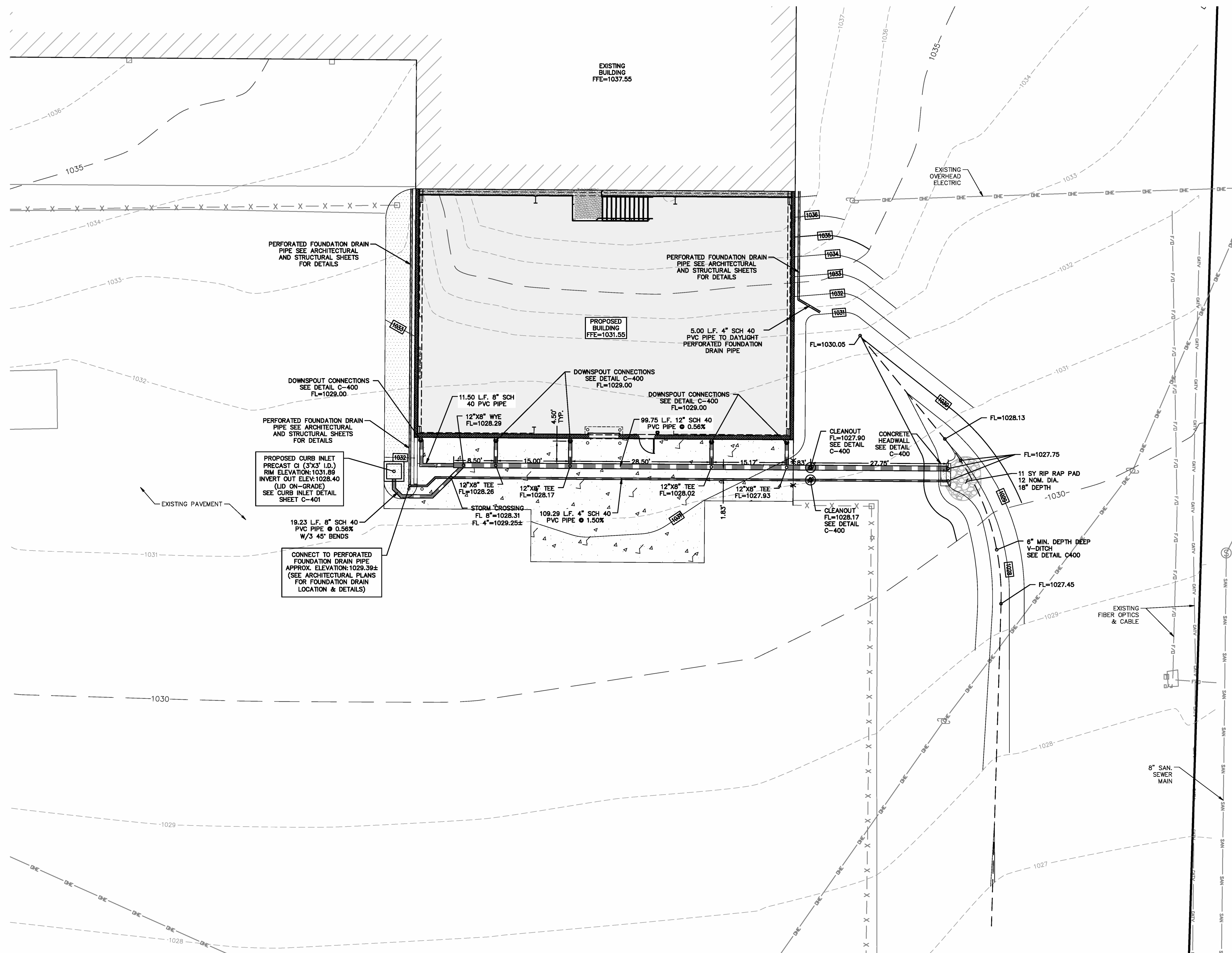
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**STORMWATER
PLAN**

SHEET NUMBER:

C-300

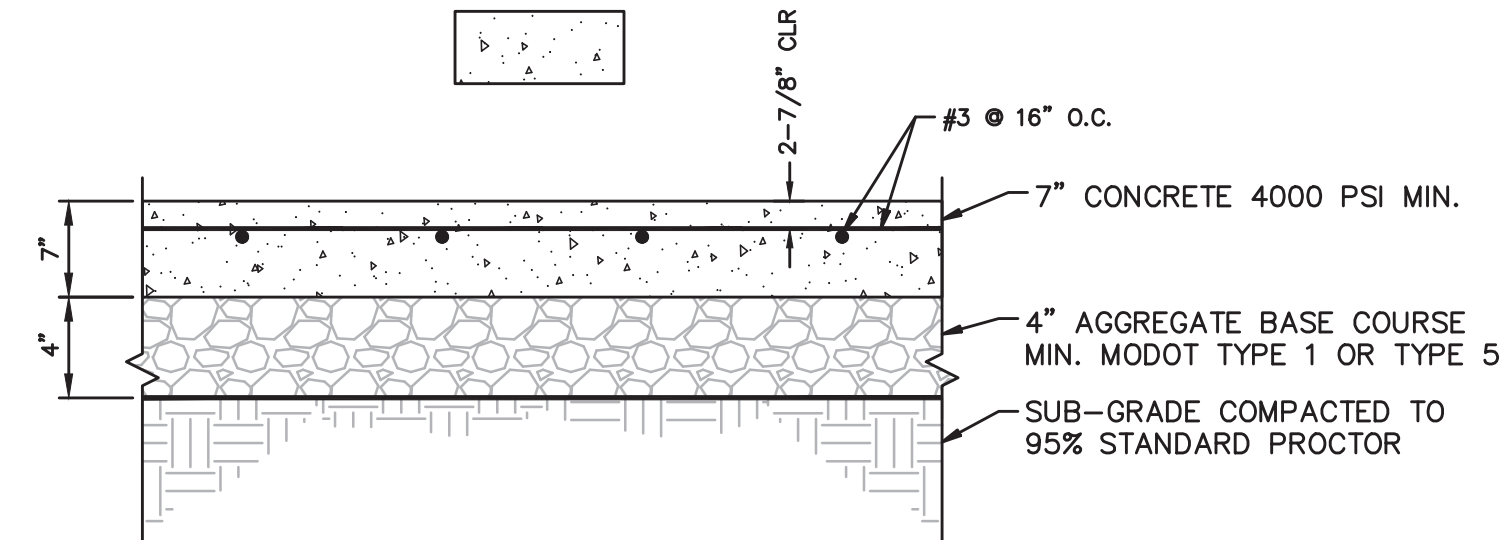
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LEE Engineering & Associates, L.L.C.
1200 E. Woodhurst Dr., Suite D200
Springfield, Missouri 65804
417-886-9100 (phone)
417-886-9336 (fax)
dlee@leeengineering.biz

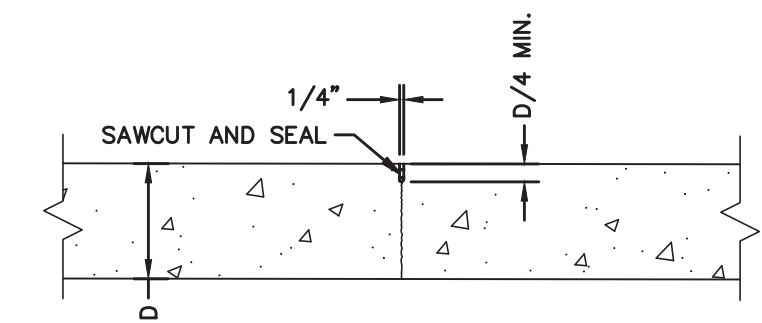
Missouri State Certificate of Authority
Engineering #2020015504
Land Surveying #2020015505
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SITE DETAILS

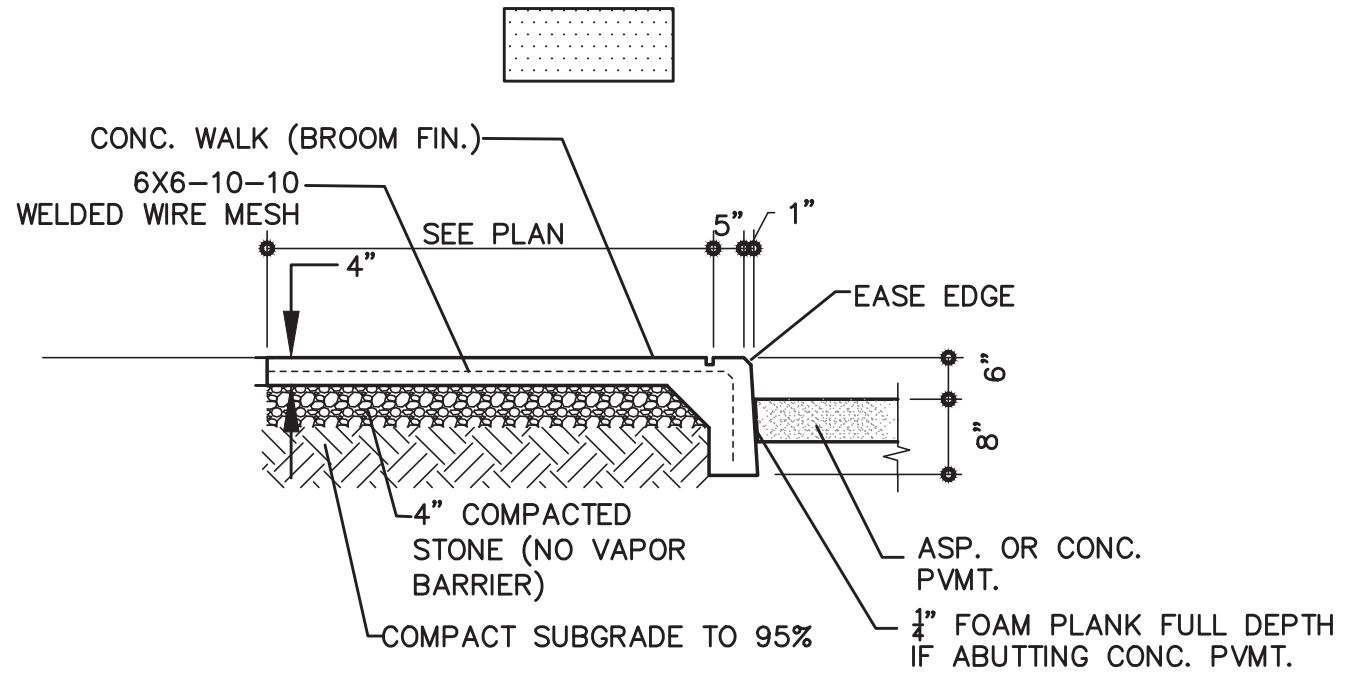


- 1) CONCRETE PAVEMENT SHALL BE JOINTED IN MAXIMUM 15' X 15' PANELS AND SHALL BE KEPT AS SQUARE AS POSSIBLE. JOINTS SHALL BE PERPENDICULAR TO EDGES AND RADIIUSES, AND SHALL NOT FORM ANGLES LESS THAN 45 DEGREES OR OVER 225 DEGREES. SEE JOINTING DETAILS THIS SHEET.
- 2) CONCRETE PAVING MATERIAL AND MIX SHALL MEET MODOT STANDARD SPECIFICATIONS, DIVISION 501 CONCRETE, SPECIFICALLY FOR PORTLAND CEMENT CONCRETE PAVEMENT (PCCP) WITH AIR ENTRAINMENT (AE) AND 4,000 PSI 28 - DAY COMPRESSIVE STRENGTH.

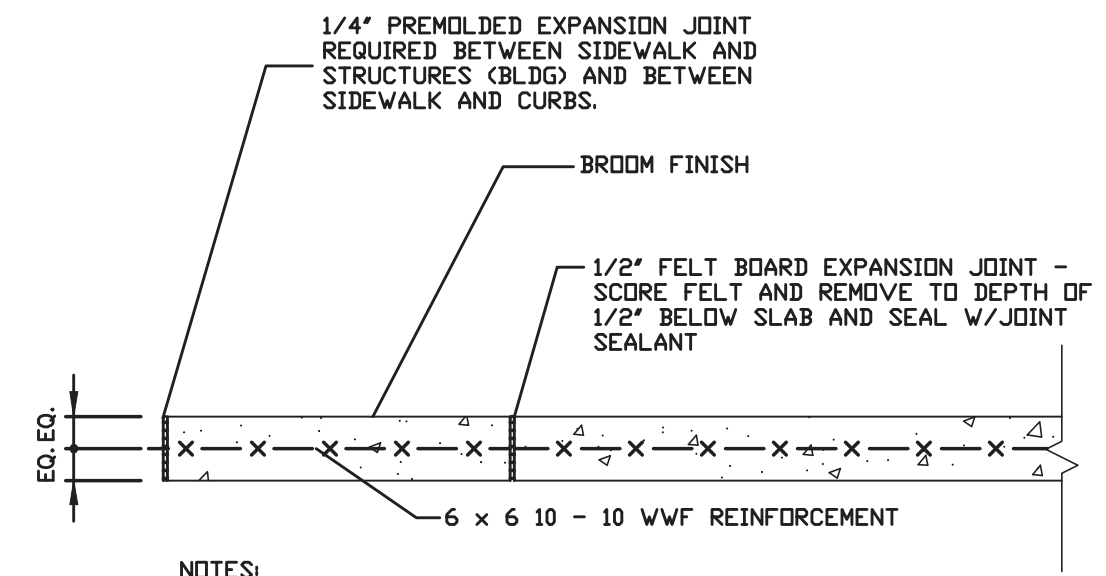
CONCRETE PAVEMENT DETAIL
NOT TO SCALE



CONCRETE PAVEMENT CONTROL JOINT
NOT TO SCALE

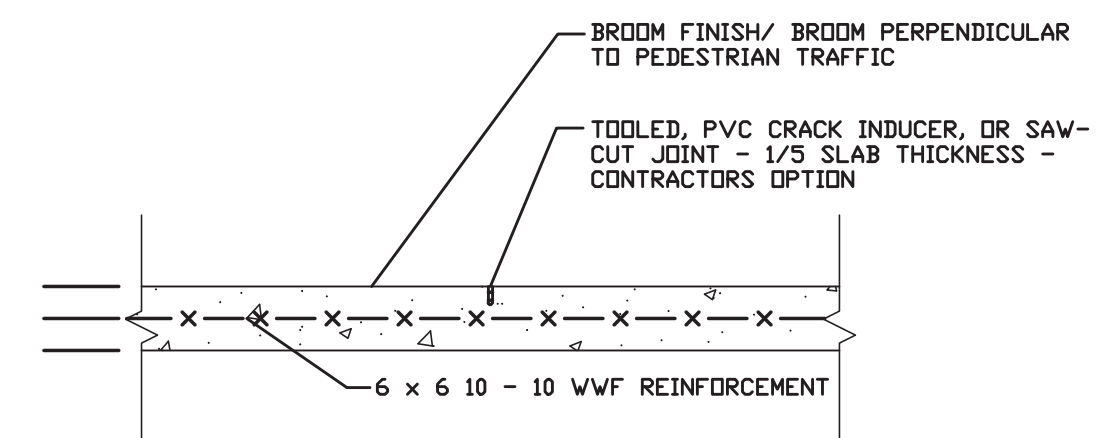


TURNDOWN SIDEWALK DETAIL
NOT TO SCALE



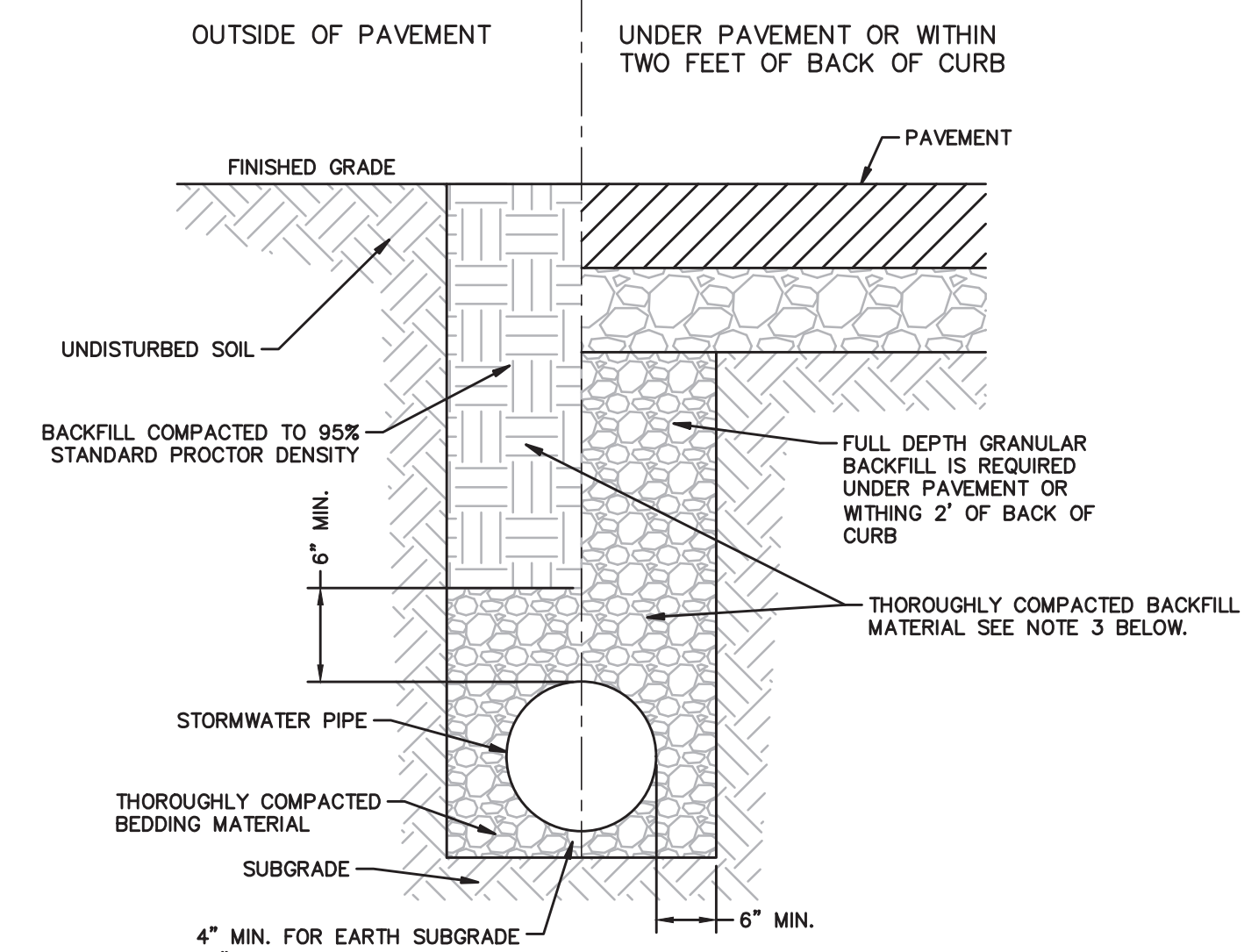
- NOTES:**
1. PROVIDE CRACK CONTROL JOINTS IN SIDEWALKS EVENLY SPACED AT 6'-0" O.C. MAXIMUM, WITH EVERY FOURTH JOINT TO BE AN EXPANSION JOINT.
 2. JOINT MUST BE CUT WITHIN 24 HOURS OF POURING CONCRETE IF CONTRACTOR ELECTS TO SAW-CUT JOINT.

SIDEWALK EXPANSION JOINT DETAIL
NOT TO SCALE



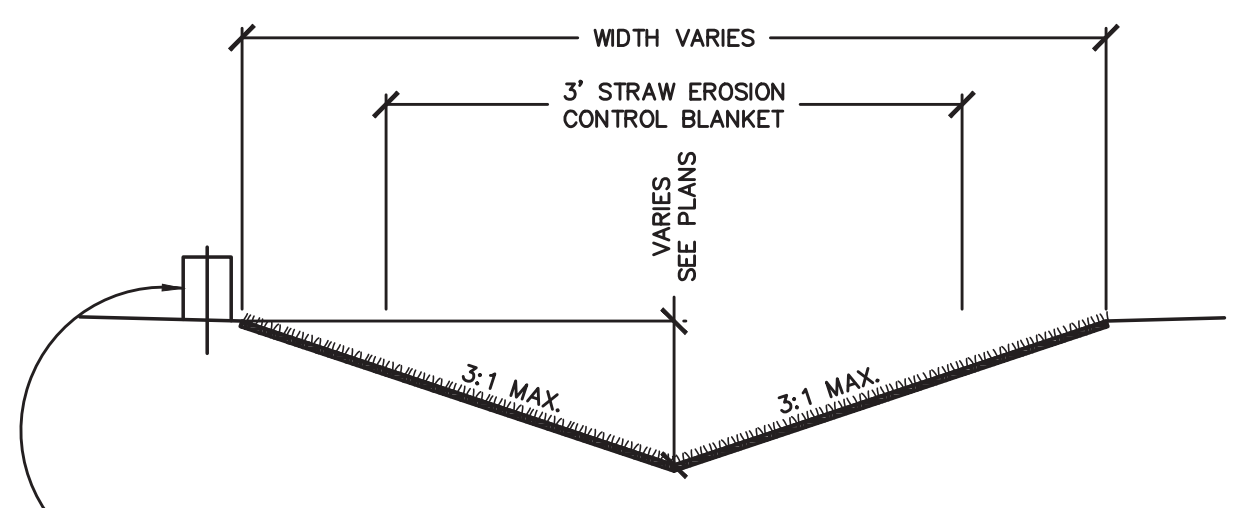
- NOTES:**
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 2. JOINT MUST BE CUT WITHIN 24 HOURS OF POURING CONCRETE IF CONTRACTOR ELECTS TO SAW-CUT JOINT.

SIDEWALK CONTROL JOINT DETAIL
NOT TO SCALE

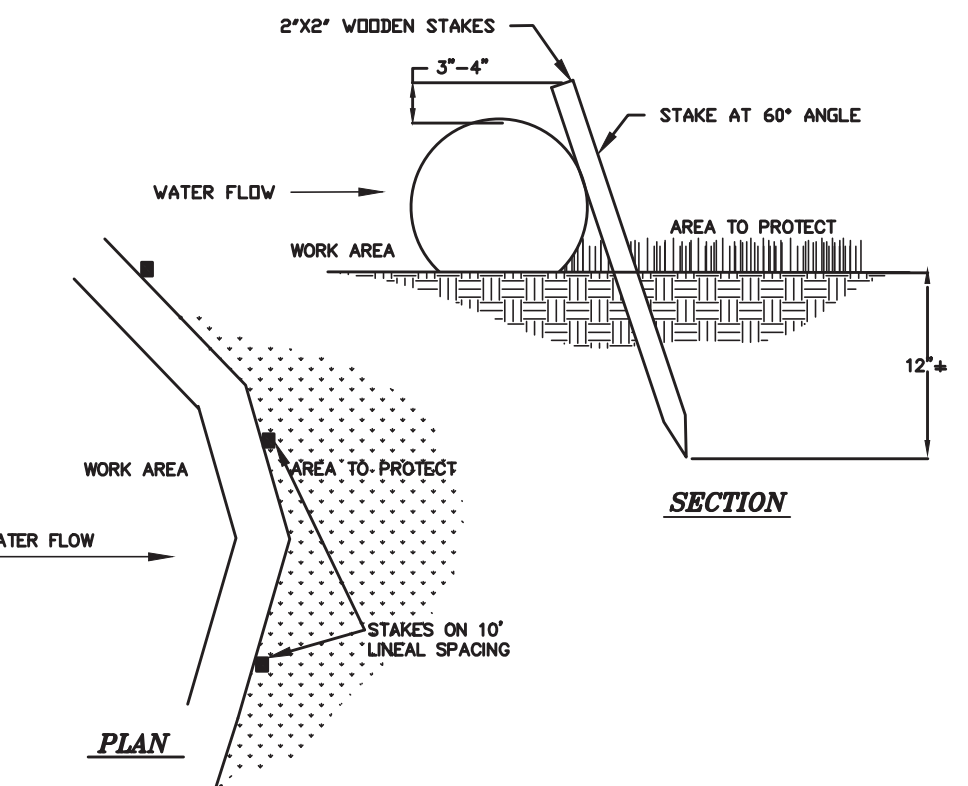


- NOTES:**
1. 12" MINIMUM COVER FOR PIPES 8" - 48" IN DIAMETER. 24" MINIMUM COVER FOR PIPES 54" - 60" IN DIAMETER.
 2. SUBGRADE SHALL BE MODERATELY FIRM TO HARD IN-SITU SOILS. WHERE UNSUITABLE MATERIAL IS ENCOUNTERED IT SHALL BE REMOVED AND REPLACED WITH CRUSHED AGGREGATE 2 TO 6 INCHES IN SIZE AND COMPACTED TO PROVIDE A STABLE FOUNDATION.
 3. BEDDING AND BACKFILL MATERIAL SHALL BE CRUSHED STONE OR CRUSHED GRAVEL CONFORMING TO THE REQUIREMENTS OF ASTM STANDARD C 33 SIZE NO. 67.

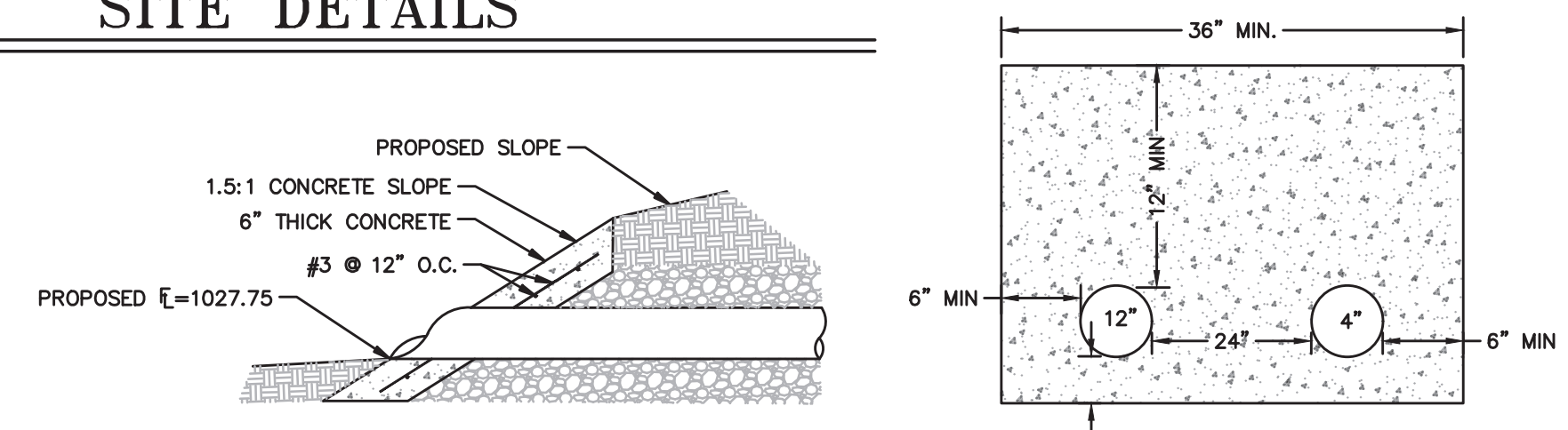
STORMWATER PIPE TRENCH DETAIL
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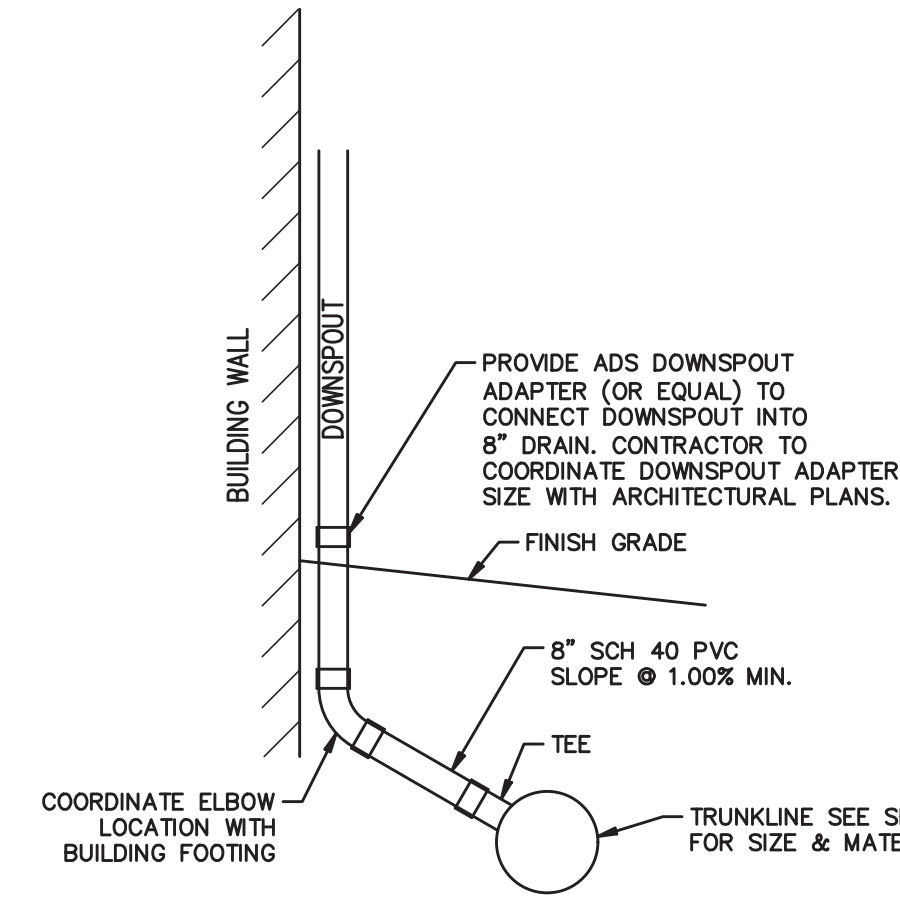
- PROVIDE SILT FENCE OR SILT SOCK UNTIL VEGETATION HAS BEEN ESTABLISHED ON SLOPES (TYP.)
- V-DITCH TYPICAL SECTION**
NTS
- NOTES FOR STRAW EROSION CONTROL BLANKET IN DITCH:**
1. FINE GRADING AND STRAW EROSION CONTROL BLANKET WITH ATTACHED NETTING ARE TO BE INSTALLED IMMEDIATELY FOLLOWING EXCAVATION OF THE DITCH.
 2. STRAW EROSION CONTROL BLANKET TO BE INSTALLED TO MANUFACTURER'S SPECIFICATIONS INCLUDING SEEDING AND SOIL FILLING & TO EXTEND ALONG THE SLOPE A MINIMUM OF 12" OF VERTICAL RISE.
 3. SEEDING SHALL TAKE PLACE PRIOR TO INSTALLATION.
 4. IF NEEDED, AND EROSION CONTROL BLANKET AND EXTRA SEED SHALL GO OVER SOIL FILLING.
 5. DO NOT INSTALL IF RAIN IS PREDICTED FOR 2 DAYS.
 6. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND WATER UNTIL GRASS IS ESTABLISHED.



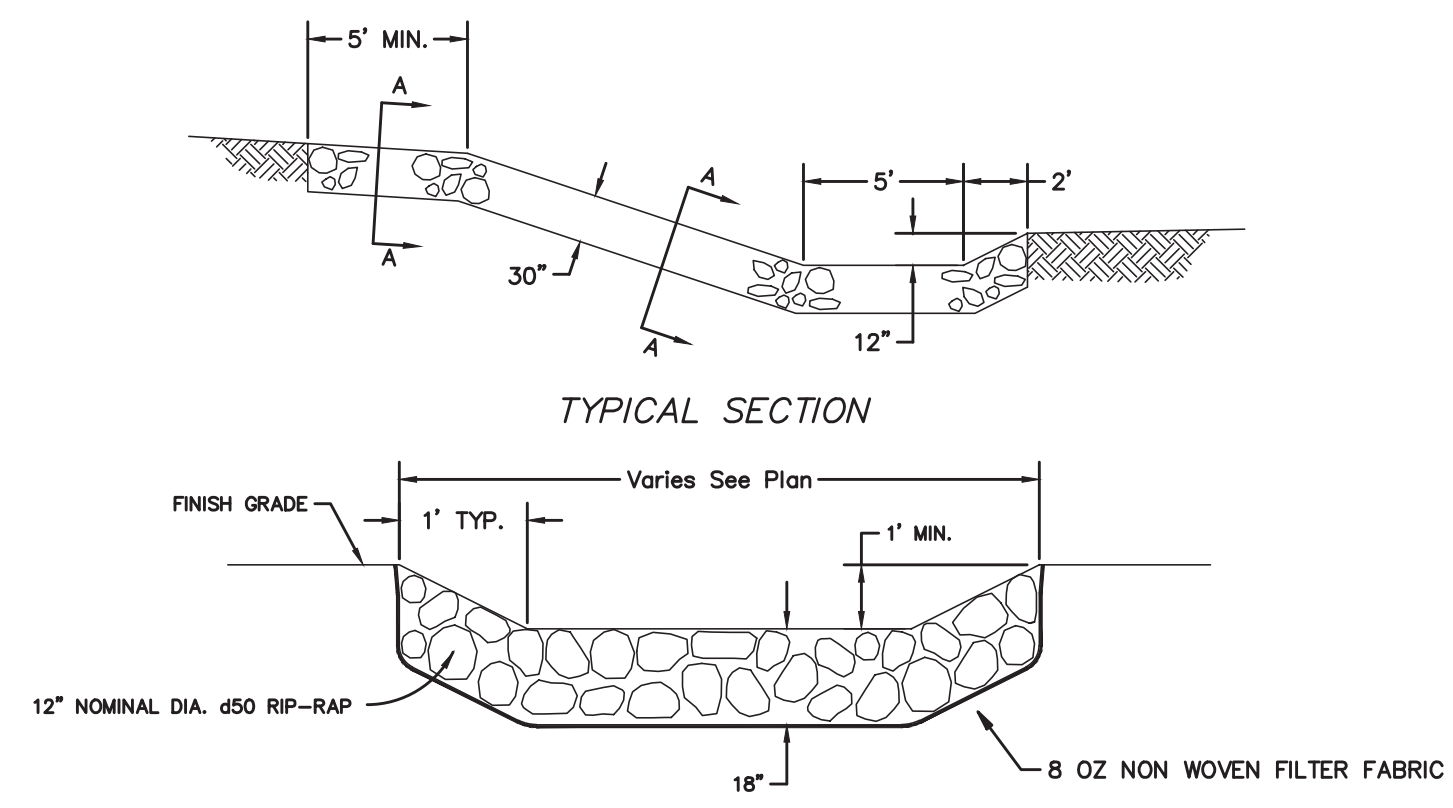
COMPOST FILTER SOCK
NTS



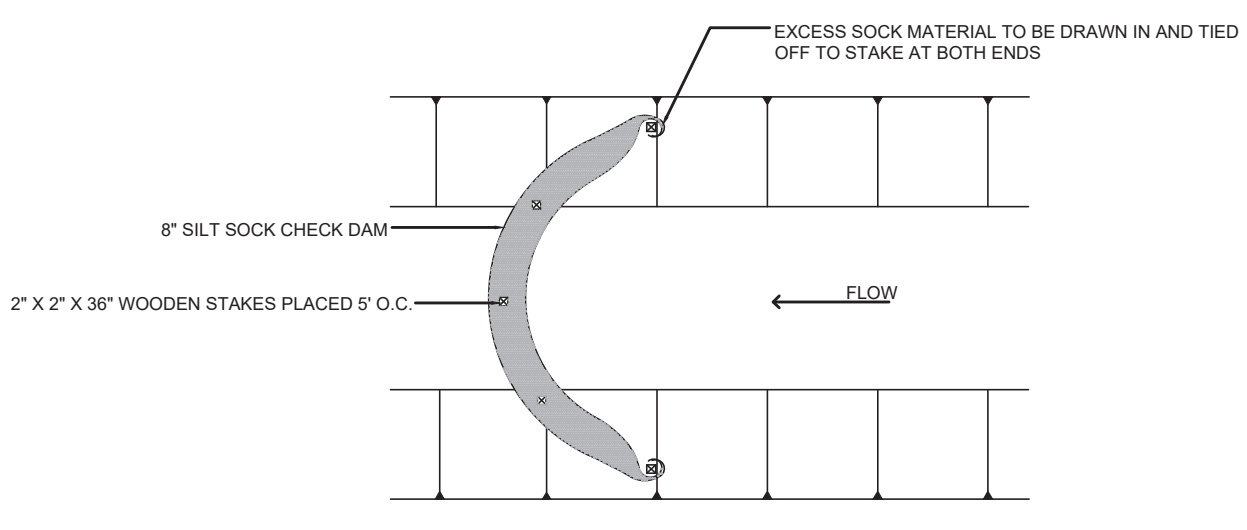
CONCRETE HEADWALL DETAIL
N.T.S.



DOWNSPOUT CONNECTION DETAIL
NOT TO SCALE

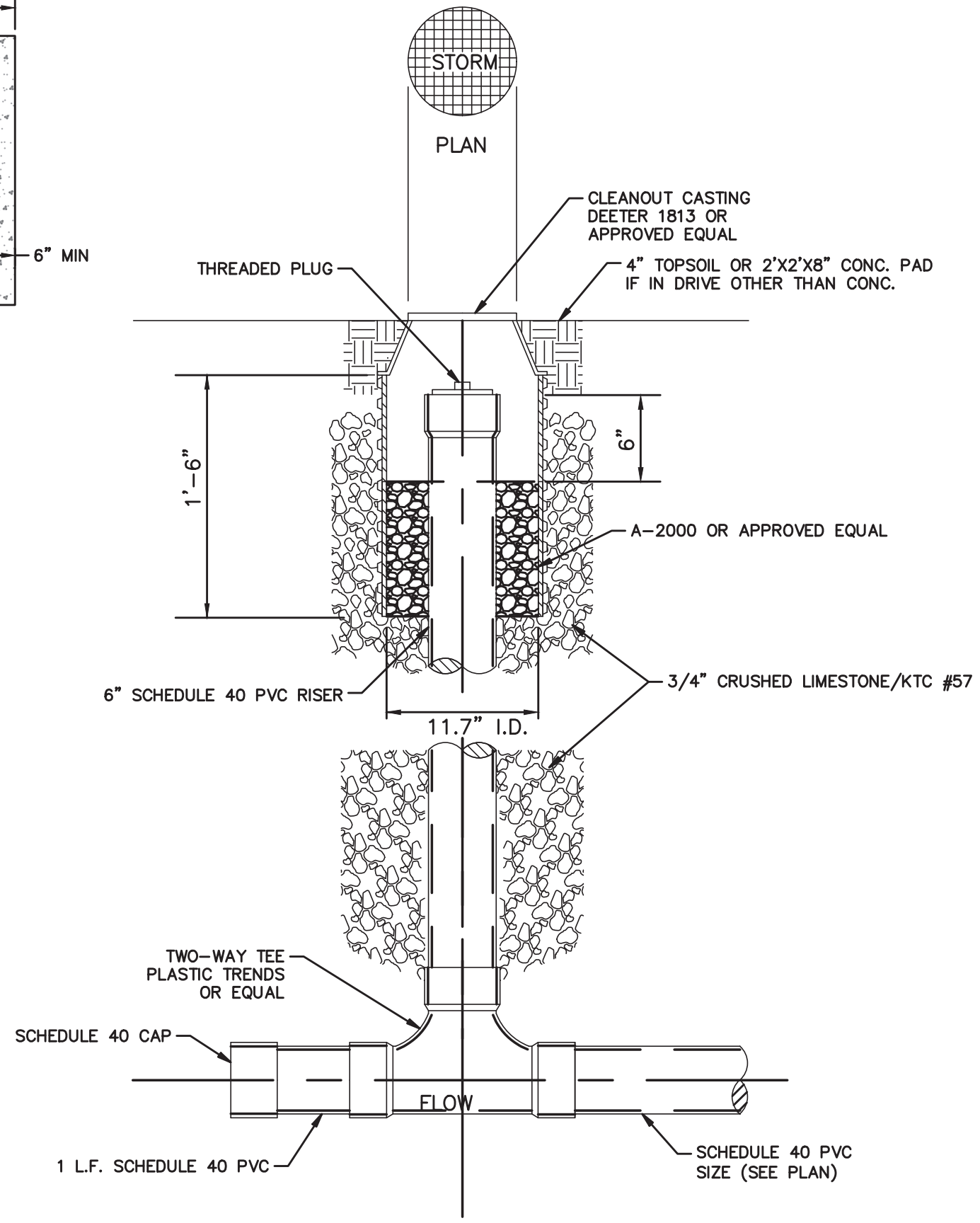


RIPRAP CHUTE DETAIL
NOT TO SCALE



- NOTES:**
1. CHECK DAM SHOULD BE USED IN AREAS THAT DRAIN 10 ACRES OR LESS.
 2. SEDIMENT SHOULD BE REMOVED FROM BEHIND CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS REACHED 1/2 THE HEIGHT OF THE CHECK DAM.
 3. CHECK DAM CAN BE DIRECT SEEDDED AT THE TIME OF INSTALLATION.

SILT SOCK DITCH CHECK
NTS



CLEANOUT DETAIL
NOT TO SCALE



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PROJECT # T2333-01
SITE # 6276
FACILITY # 8136276002

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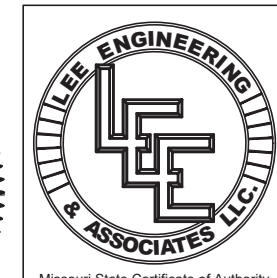
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CHECKED BY: RS
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SITE DETAILS

SHEET NUMBER:

C-400

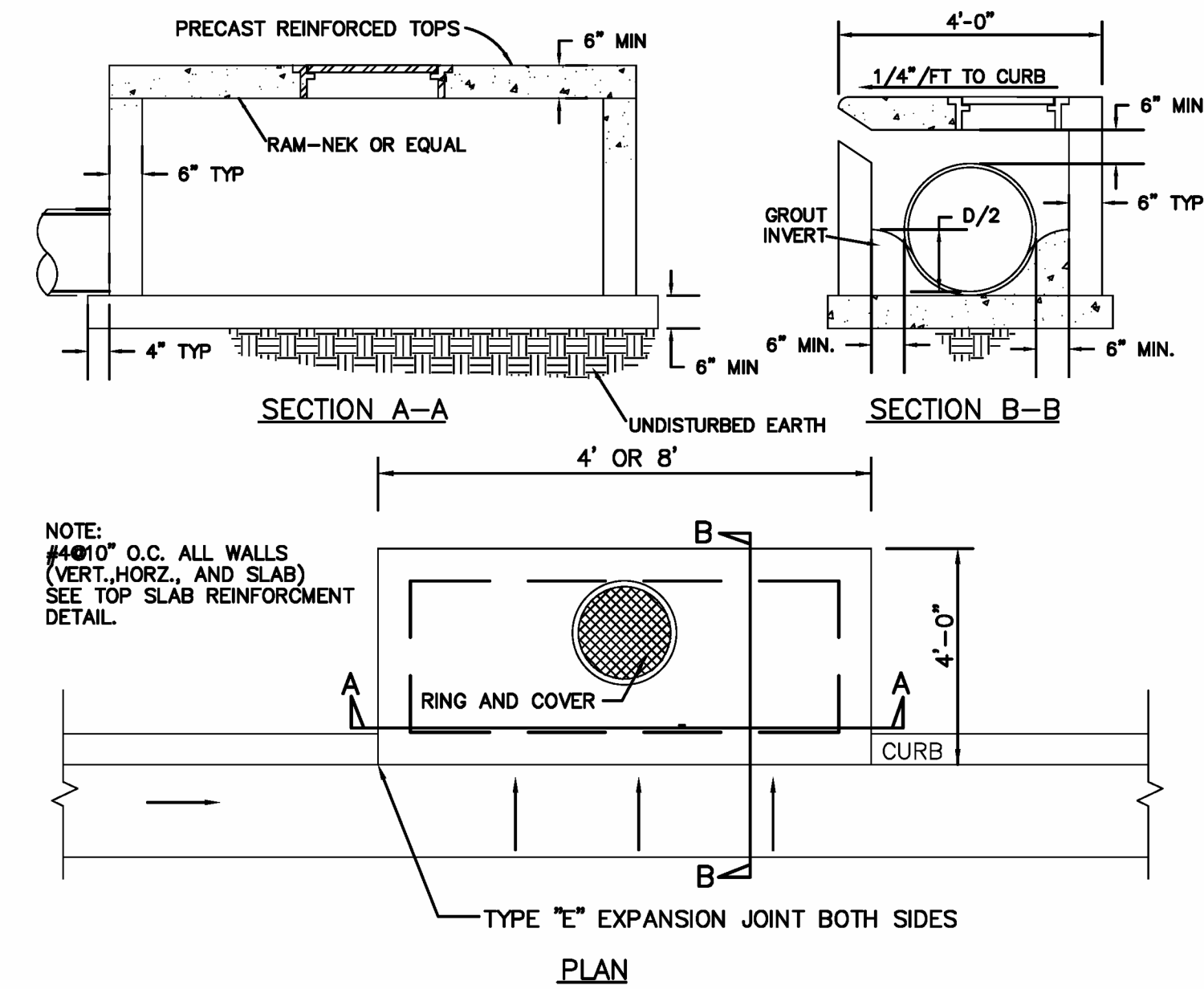
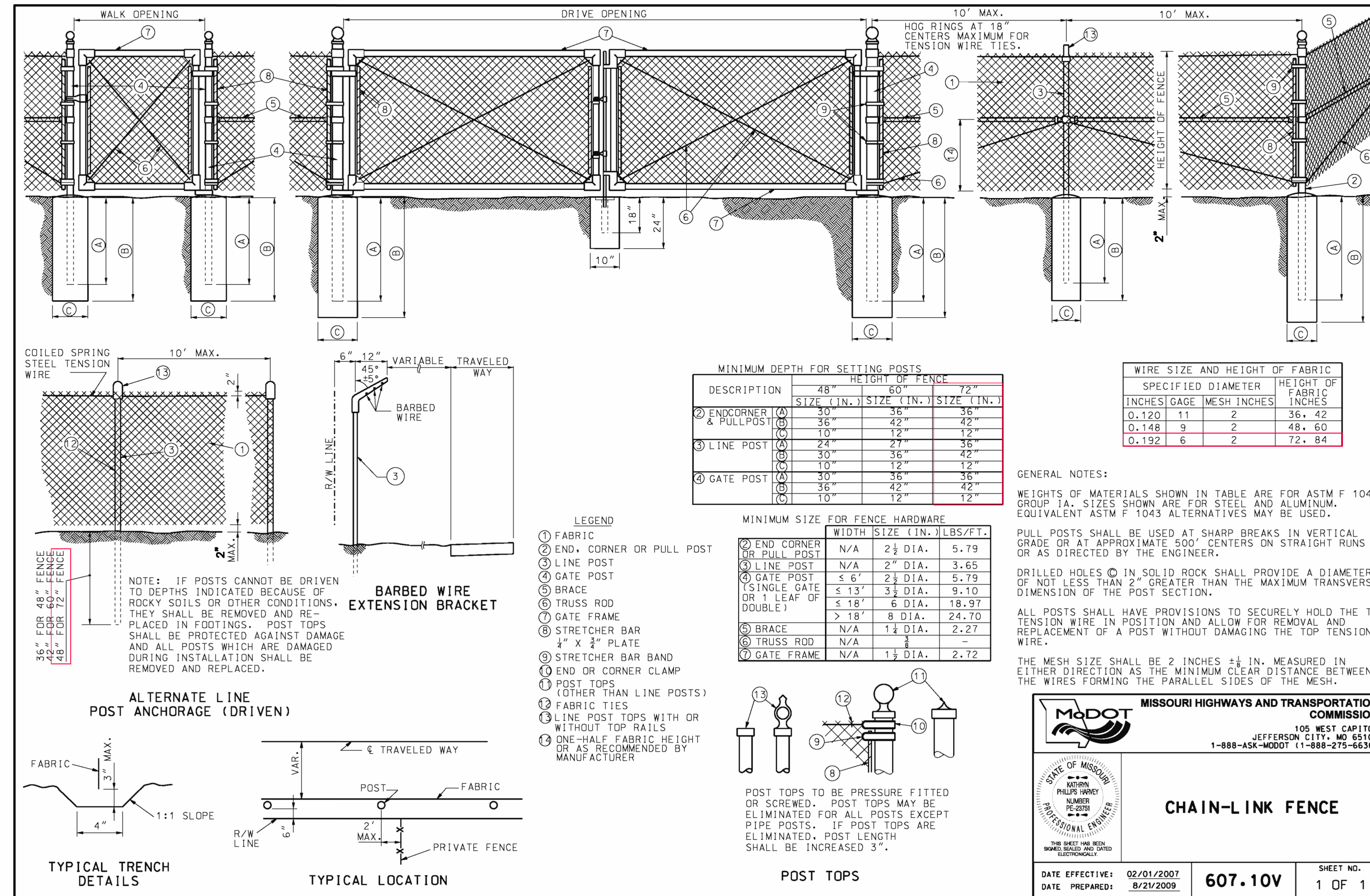
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LEE Engineering & Associates, L.L.C.
1200 E. Woodhurst Dr., Suite D200
Springfield, Missouri 65804
417-886-9100 (phone)
417-886-9336 (fax)
dlee@leeengineering.biz

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Land Surveying #020002950
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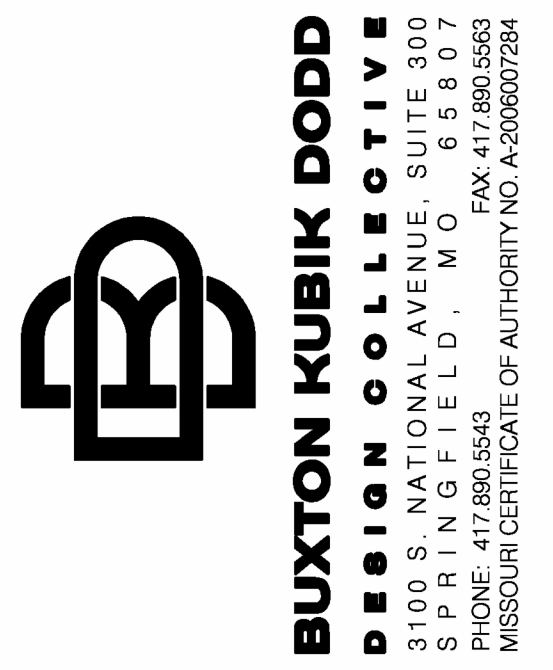
STIE DETAILS



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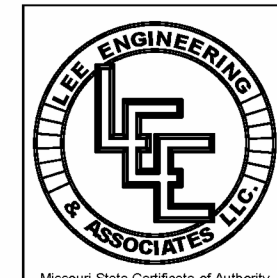
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SHEET TITLE:
SITE DETAILS

SHEET NUMBER:

C-401

10 OF 37 SHEETS
04/24/2024



LEE Engineering & Associates, L.L.C.
1200 E. Woodhurst Dr., Suite D200
Springfield, Missouri 65804
417-886-9100 (phone)
417-886-9336 (fax)
dlee@leeengineering.biz

GENERAL NOTES:

A. CODES AND STANDARDS

1. THE INTERNATIONAL BUILDING CODE/2018 EDITION
2. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE ACI 318-11)
3. ASTM STANDARDS IN BUILDING CODES, VOLUMES I, II, AND III. AMERICAN SOCIETY FOR TESTING AND MATERIALS

B. DESIGN LOADS

1. LIVE LOADS:
 - a. FLOORS.....100 PSF
 - b. ROOF (MIN.).....NON-REDUCIBLE 30 PSF
2. SUPERIMPOSED DEAD LOADS
 - a. HUNG LOADS (CEILINGS, LIGHTS, PIPES, ETC.).....20 PSF
3. ROOF LOADS
 - a. GROUND SNOW LOAD.....20 PSF
 - b. EXPOSURE FACTOR.....0.7
 - c. IMPORTANCE FACTOR (I).....1.0
 - d. ROOF LIVE LOAD (MIN.).....30 PSF
 - e. NET UPLIFT (MIN.).....10 PSF
4. WIND
 - a. BASIC WIND SPEED (V).....115 MPH
 - b. IMPORTANCE FACTOR (I).....1.00
 - c. EXPOSURE.....EXPOSURE C
 - d. INTERNAL PRESSURE COEFFICIENT.....GCP1 = +0.55

C. EXCAVATION AND BACKFILLING

1. PROVIDE ADEQUATE SHORING AND BRACING FOR ALL EXCAVATIONS AS REQUIRED TO MAINTAIN SAFETY AND PROTECTION FOR ADJACENT STRUCTURES AND FINISHES.
2. FILL IN STRUCTURAL AREAS OR PAVEMENT AREAS SHOULD BE COMPACTED TO AT LEAST 95 PERCENT OF THE MAXIMUM MODIFIED DRY DENSITY.

D. FOUNDATIONS

1. ALL FOOTINGS SHALL BEAR ON NATURAL SOILS OR PROPERLY COMPACTED FILL HAVING A BEARING CAPACITY OF 2.5 K.S.F. AS APPROVED BY THE GEOTECHNICAL ENGINEER
2. DEWATERING: PROVIDE PUMPING EQUIPMENT TO KEEP THE EXCAVATION FREE OF WATER BEFORE PLACING CONCRETE
3. FOOTINGS SHALL NOT BE PLACED IN WATER OR ON FROZEN SOIL
4. FROST PROTECTION: 30" MINIMUM MEASURED FROM BOTTOM OF FOOTING
5. THE ARCHITECT AND ENGINEER ASSUME NO RESPONSIBILITY FOR THE VALIDITY IF SUBSURFACE CONDITIONS DESCRIBED ON THE DRAWINGS OR IN THE SPECIFICATIONS. THESE DATA ARE INCLUDED ONLY TO ASSIST THE CONTRACTOR DURING BIDDING AND SUBSEQUENT CONSTRUCTION, AND REPRESENT CONDITIONS ONLY AT THESE SPECIFIC LOCATIONS AT THE PARTICULAR TIME THEY WERE MADE.

E. CAST-IN-PLACE CONCRETE

1. CONCRETE WORK SHALL CONFORM TO THE INTERNATIONAL BUILDING CODE/2018, THE ACI BUILDING CODE (ACI 318-11) AND TO THE SPECIFICATIONS. IN CASE OF CONFLICT, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.
2. ALL STRUCTURAL REINFORCED CONCRETE MEMBERS ARE DESIGNED USING "STRENGTH" DESIGN PROVISIONS
3. CONCRETE WITH MINIMUM 28 DAY COMPRESSIVE STRENGTH SHALL BE USED IN THE FOLLOWING AREAS:
 - a) 4000 PSI NORMAL WEIGHT CONCRETE IN ALL AREAS
4. ALL CONSTRUCTION, CONTROL AND EXPANSION JOINTS SHOWN ON THE DRAWINGS SHALL BE INCORPORATED INTO THE FINAL STRUCTURE UNLESS THEIR ELIMINATION IS APPROVED BY THE ARCHITECT
5. IF NOT SHOWN ON DRAWING, PROVIDE CONTROL JOINTS IN SLABS AT COLUMN LINES, AND MAXIMUM SPACING NOT TO EXCEED 12'-0" BETWEEN JOINTS.
6. ALL KEYS SHALL BE A NOMINAL 2 INCHES BY 4 INCHES UNLESS OTHERWISE NOTED ON THE DRAWINGS.
7. CONTRACTOR SHALL SUBMIT TO ARCHITECT, FOR APPROVAL, A SCHEDULE OF FLOOR POURS AT LEAST TWO WEEKS PRIOR TO INITIAL POUR
8. ALL CONCRETE EXPOSED TO THE WEATHER SHALL BE AIR ENTRAINED WITH 5% MIN. AIR

F. REINFORCING

1. ALL REINFORCING BAR DETAILS NOT OTHERWISE SHOWN OR SPECIFIED SHALL CONFORM TO THE LATEST ACI CODE AND DETAILING MANUAL
2. NEW BILLET STEEL, ASTM A615, GRADE 60 SHALL BE USED FOR REINFORCING FOR ALL CONCRETE
3. ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185
4. ALL ACCESSORIES NECESSARY TO MAINTAIN EXACT BAR POSITIONS SHALL BE SHOWN ON REINFORCING SHOP DRAWINGS.
5. UNLESS OTHERWISE SPECIFIED IN THE DRAWINGS, THE CONCRETE COVER FOR THE REINFORCING SHALL BE AS FOLLOWS
 - a) UNIFORM SURFACES IN CONTACT WITH THE GROUND.....3"
 - b) FORMED SURFACES IN CONTACT WITH THE GROUND.....2"
 - c) SLABS ON GRADE.....2" UNDER
 - d) INTERIOR SURFACES OTHER THAN SLABS.....1"
 - e) IN ALL CASES CLEARANCE NOT LESS THAN THE DIAMETER THAN THE BAR
 - f) MAXIMUM DEVIATION FROM THESE REQUIREMENTS SHALL BE +1/4" FOR SECTIONS TEN INCHES OR LESS AND + 1/2" FOR SECTIONS OVER 10"
 - g) LAP SPLICES SEE SCHEDULE ON THIS SHEET
 - h) WHERE REINFORCEMENT IS NOT SHOWN ON THE DRAWINGS, PROVIDE THE MINIMUM REINFORCEMENT PERMITTED BY A.C.I. CODES
 - i) WHEN CONSTRUCTION JOINTS, OTHER THAN THOSE SHOWN ON THE DRAWINGS, ARE REQUIRED BY THE CONTRACTOR, THE REINFORCEMENT SHALL RUN CONTINUOUSLY THROUGH THE JOINT AND ADEQUATE SHEAR TRANSFER REINFORCEMENT SHALL BE ADDED
 - j) PROVIDE THE EXTRA REINFORCING SHOWN IN TYPICAL DETAILS WHEREVER THE DETAIL CAN APPLY

G. MISCELLANEOUS CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND ALL DIMENSIONS IN THE FIELD, AND NOTIFY THE ARCHITECT IF CONDITIONS ENCOUNTERED ARE NOT AS SHOWN ON DRAWINGS
2. CONSULT ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR VERIFICATION OF THE LOCATION AND DIMENSIONS OF THE CHASES, INSERTS, OPENINGS, SLEEVES, WASHES, DRIPS, REVEALS, DEPRESSIONS AND OTHER PROJECT REQUIREMENTS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
3. NO CHANGE IN SIZE OR DIMENSIONS OF MEMBERS SHALL BE MADE, NOR ANY OPENINGS OR SLEEVES SHALL BE PERMITTED THROUGH ANY STRUCTURAL MEMBER WITHOUT THE APPROVAL OF THE ARCHITECT.
4. OPENINGS IN SLABS OR WALLS LESS THAN 12" IN DIA. ARE NOT GENERALLY SHOWN
5. FURNISH AND INSTALL ALL SUPPORTS, TEMPORARY OR PERMANENT, NECESSARY TO BRACE WALLS, EXISTING ADJACENT STRUCTURES AND GRADE, SO THAT NO HORIZONTAL OR VERTICAL SETTLEMENT OCCURS TO THESE WALLS, STRUCTURES OR GRADES. BRACING SHALL BE LEFT IN PLACE UNTIL PERMANENT SUPPORTS ARE INSTALLED
6. WHERE DETAIL IS NOT SHOWN ON THE DRAWINGS, FOR SUCH A SITUATION, THE DETAIL SHALL BE ASSUMED IN ACCORDANCE WITH APPLICABLE DETAILS OR SIMILAR TO THAT SHOWN FOR MOST NEARLY SIMILAR SITUATIONS, AS DETERMINED BY THE ARCHITECT. CONTRACTOR SHALL PROVIDE A COMPLETE AND FUNCTIONAL SYSTEM WHETHER OR NOT A PARTICULAR ELEMENT IS SPECIFICALLY CALLED OUT.
7. CONTRACTORS AND SUBCONTRACTORS SHALL THOROUGHLY REVIEW ALL CONDITIONS AND RESPONSIBILITIES STATED IN THESE NOTES, PLANS SECTIONS AND DETAILS, AND SHALL NOTIFY THE ENGINEER AND ARCHITECT IN WRITING PRIOR TO BIDDING OF ANY DISCREPANCIES, ERRORS OR OMISSIONS FOUND ON PLANS. IF CONTRACTOR FAILS TO NOTIFY SAID REPRESENTATIVES, HE/SHE SHALL BE RESPONSIBLE FOR ALL COST OF LABOR AND MATERIALS NEEDED.

H. SHORING DESIGN CRITERIA

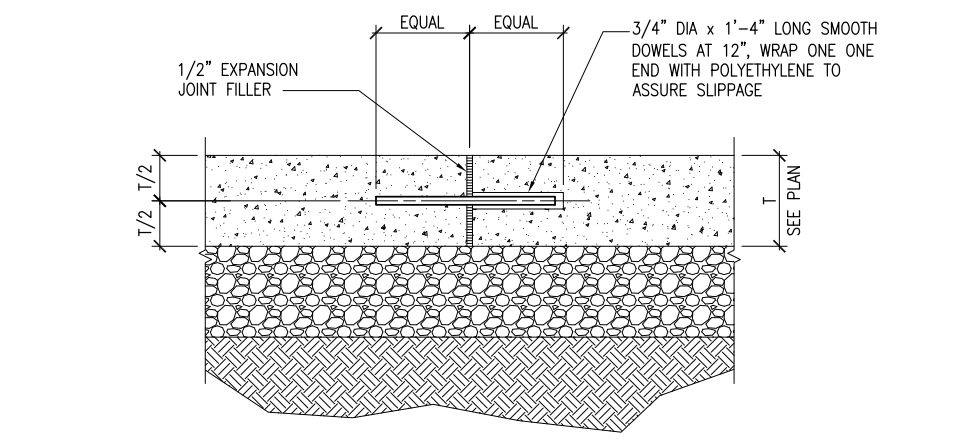
1. LOAD CALCULATIONS: DETERMINE ALL POTENTIAL LOADS, INCLUDING SOIL PRESSURE, WATER PRESSURE, SURCHARGE LOADS (E.G., FROM NEARBY BUILDINGS, VEHICLES), AND DYNAMIC LOADS (E.G., WIND, SEISMIC).
2. SOIL ANALYSIS: CONDUCT A THOROUGH GEOTECHNICAL INVESTIGATION TO DETERMINE SOIL PROPERTIES, INCLUDING COHESION, ANGLE OF INTERNAL FRICTION, AND SOIL STRATIFICATION. ASSESS THE POTENTIAL FOR SOIL EROSION, SETTLEMENT, AND LATERAL EARTH PRESSURES.
3. SAFETY FACTORS: APPLY APPROPRIATE SAFETY FACTORS TO ACCOUNT FOR UNCERTAINTIES IN SOIL PROPERTIES, LOAD ESTIMATIONS, AND CONSTRUCTION INACCURACIES.
4. MATERIAL SELECTION: USE MATERIALS WITH SUFFICIENT STRENGTH AND DURABILITY, SUCH AS STEEL, WOOD, OR REINFORCED CONCRETE. ENSURE THAT MATERIALS ARE RESISTANT TO ENVIRONMENTAL FACTORS, INCLUDING CORROSION AND DECAY.
5. DESIGN STANDARDS: FOLLOW LOCAL BUILDING CODES AND STANDARDS, SUCH AS THE INTERNATIONAL BUILDING CODE, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS, AND OTHER RELEVANT GUIDELINES.

I. SPECIFIC REQUIREMENTS

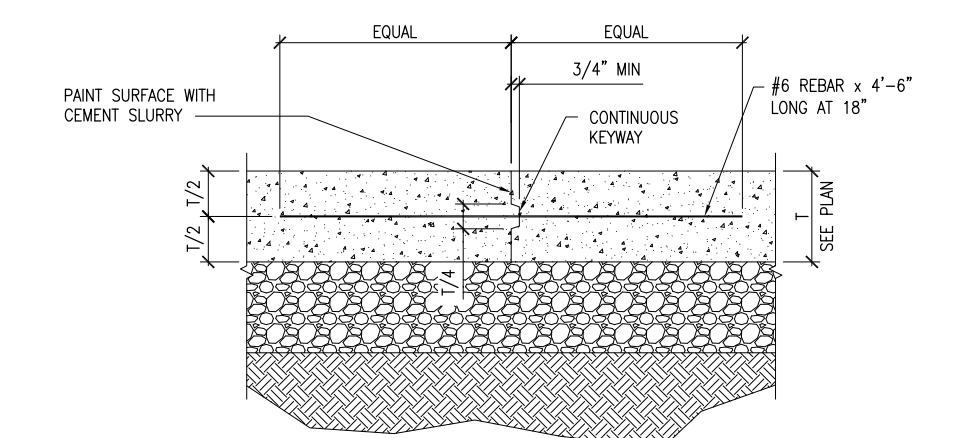
1. TYPE OF SHORING: CHOOSE AN APPROPRIATE SHORING SYSTEM BASED ON THE DEPTH OF EXCAVATION, SOIL CONDITIONS, AND ADJACENT STRUCTURES. COMMON TYPES INCLUDE: SOLDIER PILES AND LAGGING; SUITABLE FOR MEDIUM TO DEEP EXCAVATIONS. SHEET PILES: EFFECTIVE FOR DEEP, NARROW EXCAVATIONS. HYDRAULIC SHORING: USED FOR SHALLOW EXCAVATIONS. BRACED EXCAVATION: IDEAL FOR DEEP EXCAVATIONS IN URBAN AREAS.
2. EXCAVATION DEPTH AND WIDTH: DESIGN SHORING SYSTEMS TO ACCOMMODATE THE MAXIMUM ANTICIPATED EXCAVATION DEPTH AND WIDTH, WITH ALLOWANCES FOR POTENTIAL VARIATIONS DURING CONSTRUCTION.
3. SUPPORT SYSTEMS: INCORPORATE HORIZONTAL AND VERTICAL SUPPORTS (E.G., STRUTS, WALES, BRACES) TO ENSURE STABILITY. DESIGN BRACING SYSTEMS TO RESIST BOTH STATIC AND DYNAMIC LOADS.
4. DRAINAGE AND WATER CONTROL: IMPLEMENT EFFECTIVE DRAINAGE SYSTEMS TO MANAGE GROUNDWATER AND PREVENT WATER ACCUMULATION BEHIND SHORING. DESIGN DEWATERING SYSTEMS AS NEEDED TO LOWER THE WATER TABLE AND REDUCE HYDROSTATIC PRESSURE.
5. INSTALLATION AND MONITORING: DETAILED INSTALLATION PROCEDURES TO ENSURE CORRECT AND SAFE PLACEMENT OF SHORING. IMPLEMENT A MONITORING PLAN TO REGULARLY CHECK THE INTEGRITY AND PERFORMANCE OF THE SHORING SYSTEM DURING CONSTRUCTION. INCLUDE PROVISIONS FOR ADJUSTING THE SHORING SYSTEM UNEXPECTED MOVEMENTS OR SETTLEMENTS OCCUR.
6. ENVIRONMENTAL AND SITE CONDITIONS: CONSIDER ENVIRONMENTAL FACTORS SUCH AS WEATHER, TEMPERATURE, AND PROXIMITY TO BODIES OF WATER. EVALUATE THE IMPACT OF CONSTRUCTION ACTIVITIES ON NEARBY STRUCTURES AND INFRASTRUCTURE.
7. EMERGENCY PREPAREDNESS: DEVELOP AN EMERGENCY RESPONSE PLAN TO ADDRESS POTENTIAL SHORING FAILURES OR ACCIDENTS. TRAIN WORKERS ON EMERGENCY PROCEDURES AND ENSURE THEY HAVE ACCESS TO NECESSARY SAFETY EQUIPMENT.

SCHEDULE OF SPLICE AND EMBEDMENT LENGTHS										
f'c = 4,000 PSI fy = 60,000 PSI	BAR SIZE									
	#3	#4	#5	#6	#7	#8	#9	#10	#11	
COMPRESSION SPLICE (L)										
ALL BARS	12	12	19	23	26	30	34	38	42	
TENSION SPLICE (L)										
BEAM TOP BARS AND WALL HORIZONTAL BARS	28	38	47	56	61	93	105	118	131	
STRAIGHT BARS	22	29	36	43	63	72	81	91	101	
EMBEDMENT (E)										
STRAIGHT TOP BARS	22	29	36	43	63	72	81	91	101	
STRAIGHT BARS	17	22	28	33	48	55	62	70	78	
HOOKEB BARS	6	8	10	12	14	16	18	20	22	

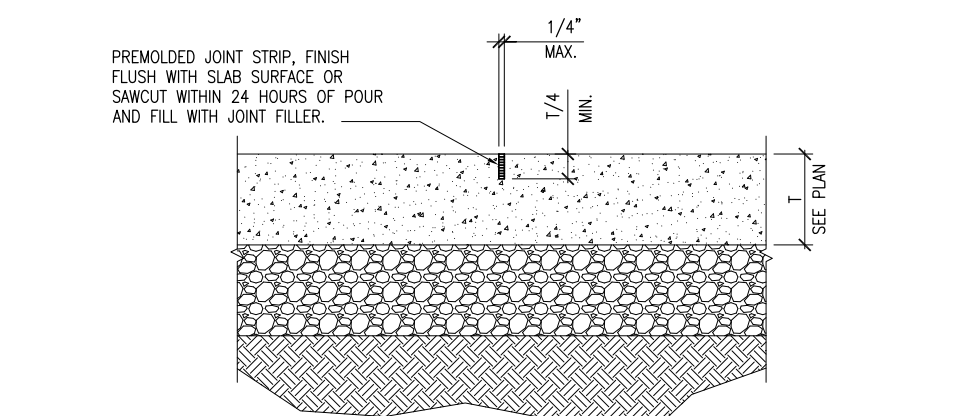
L = SPLICE LENGTH (INCHES) E = EMBEDMENT LENGTH (INCHES)



CONCRETE SLAB EXPANSION JOINT



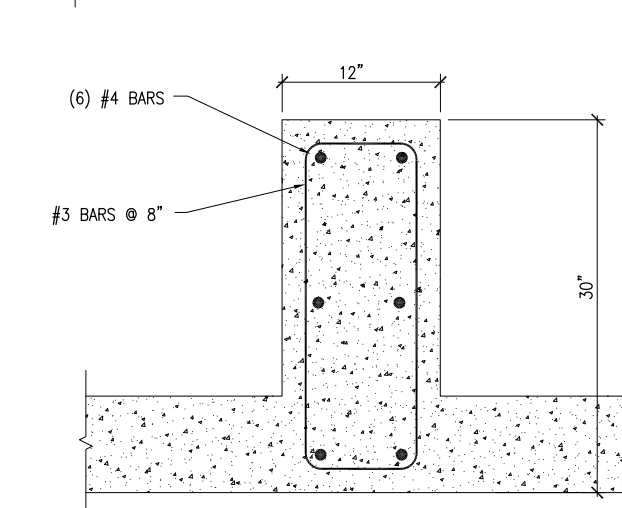
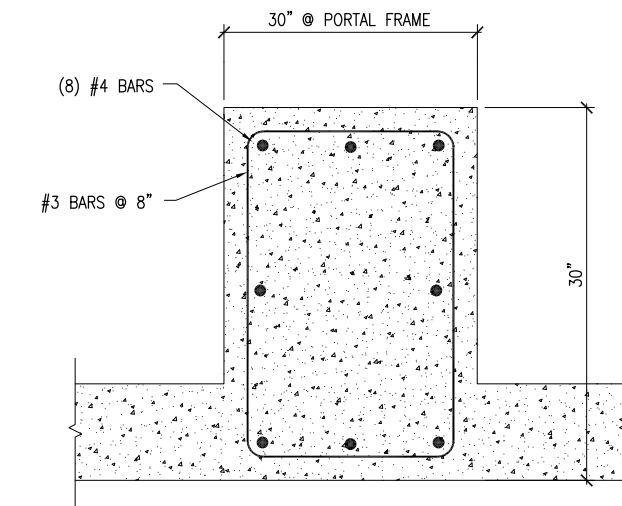
CONCRETE SLAB CONSTRUCTION JOINT



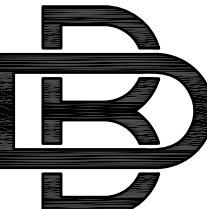
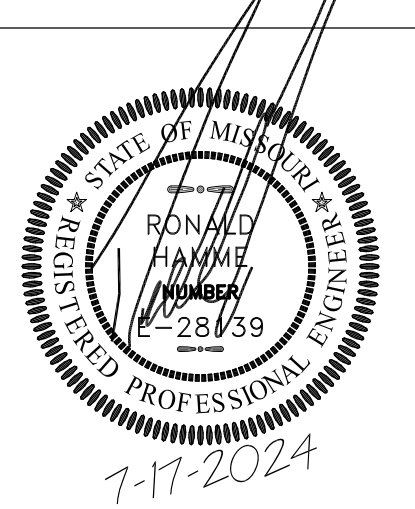
CONCRETE SLAB CONTROL JOINT

MAXIMUM MASONRY OPENING	WALL THICKNESS - NOM.		
	4" WALLS	6" WALLS	8" WALLS
3'-0"	L-3x2 1/2x1/4"	(2)L-3x2 1/2x1/4"	(2)L-3 1/2x3 1/2x1/4"
4'-0"	L-3x2 1/2x1/4"	(2)L-3x2 1/2x1/4"	(2)L-4x3 1/2x1/4"
5'-0"	L-3 1/2x2 1/2x1/4"	(2)L-3 1/2x2 1/2x1/4"	(2)L-4x3 1/2x1/4"
6'-0"	L-3 1/2x2 1/2x1/4"	(2)L-3 1/2x2 1/2x1/4"	(2)L-5x3 1/2x1/4"
8'-0"	L-3 1/2x2 1/2x1/4"	(2)L-3 1/2x2 1/2x1/4"	(2)L-6x3 1/2x1/4"

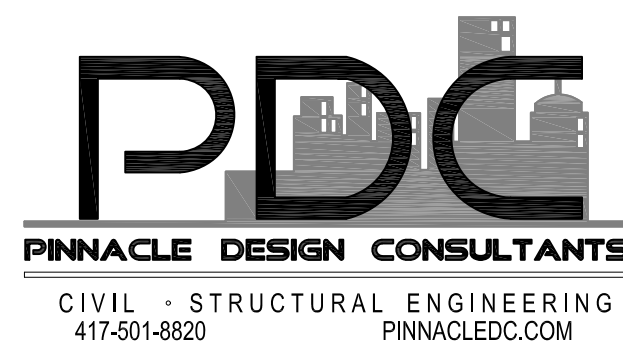
1. UNLESS OTHERWISE NOTED ON DRAWINGS, PROVIDE AND INSTALL LINTELS WITH LONG-LEGS VERTICALLY FOR MASONRY OPENINGS WHERE REQUIRED AND PER ARCHITECTS DRAWINGS.
2. WHERE LINTELS OCCUR IN EXTERIOR WALLS, MINIMUM THICKNESS OF ANGLES SHALL BE 5/16" LINTELS SHALL BEAR AT LEAST 6" (8" FOR OPENINGS OVER 6'-0" WIDE) AT EACH SIDE OF THE MASONRY OPENING, WHERE SUCH BEARING CANNOT BE PROVIDED, ATTACHED SECURELY TO ADJACENT STRUCTURAL MEMBERS OR PROVIDE SEPARATE SUPPORTS.



TYPICAL PILASTER



BUXTON KUBIK DODD
DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
PHONE: 417.890.5543 FAX: 417.890.5563
MISSOURI CERTIFICATE OF AUTHORITY NO. A-200600704



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CONSTRUCT ADDITION
JOPLIN READINESS CENTER
2000 W. 32ND STREET
JOPLIN, MISSOURI 64804

PROJECT # T2333-01
SITE # 6276
FACILITY # 8136276002

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DATE: _____
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DATE: _____
ISSUE DATE: 04/24/2024

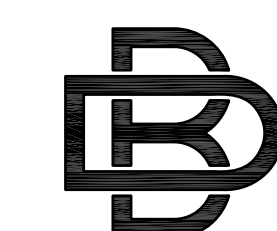
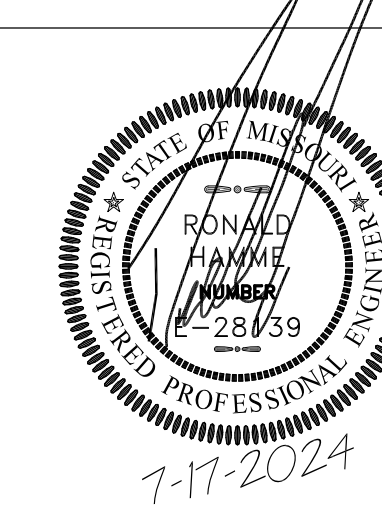
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DRAWN BY: TSF
CHECKED BY: RTH
DESIGNED BY: RTH

SHEET TITLE:
GENERAL NOTES

SHEET NUMBER:

S-001

11 OF 37 SHEETS
04/24/2024



BUXTON KUBIK DODD
DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
PHONE: 417.890.5543 FAX: 417.890.5563
MISSOURI CERTIFICATE OF AUTHORITY NO. A-2006007284



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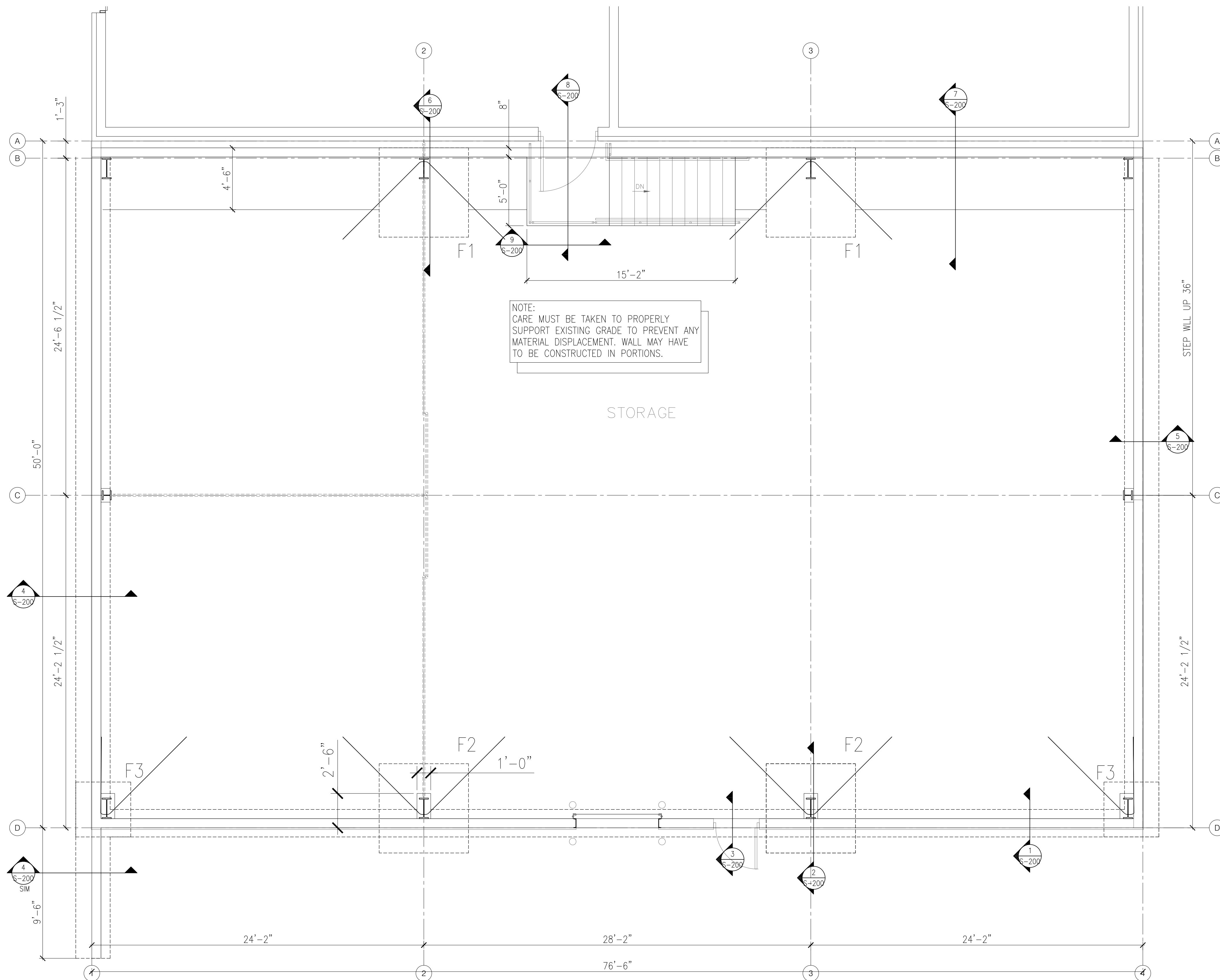
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SHEET TITLE:
FOUNDATION PLAN

SHEET NUMBER:

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12 OF 37 SHEETS
04/24/2024

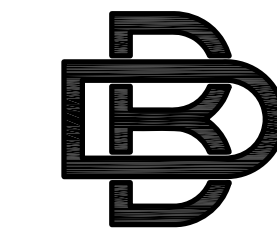


FOOTING REINFORCING SCHEDULE		
FOOTING	SIZE	REINFORCING
F1	6'-6" x 6'-6" x 1'-2"	(6) #5 BARS EACH WAY AND EACH FACE TOP AND BOTTOM
F2	6'-6" x 6'-6" x 1'-0"	(6) #5 BARS EACH WAY AND EACH FACE TOP AND BOTTOM
F3	4'-0" x 4'-0" x 1'-0"	(4) #4 BARS EACH WAY AND EACH FACE

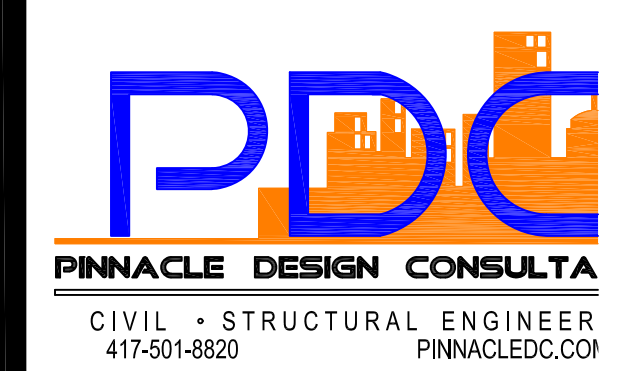
- PLAN NOTES**
- SLAB ON GRADE CONSTRUCTION IS 6" NORMAL WEIGHT CONCRETE w/ #4 BARS 18" O.C. EACH WAY ON 4" THICK 3/4" COMPACTED STONE & 10 MIL. VAPOR BARRIER
 - TOP OF SLAB IS 94'-0" U.N.O.
 - STRUCTURAL SUBCONTRACTOR LAYOUT BASEPLATES PER BASEPLATE LAYOUT DRAWINGS.
 - STRUCTURAL SUBCONTRACTOR TO VERIFY INTERIOR COLUMN BASEPLATE ELEVATIONS.
 - STRUCTURAL SUBCONTRACTOR TO VERIFY ALL DIMENSIONS AND ELEVATIONS INCLUDING BUT NOT LIMITED TO GRID DIMENSIONS, PILASTER SIZES AND ALL OFFSETS.
 - CONTROL JOINTS ARE LOCATED AT ALL FRAME LINES AND WHERE SHOWN BETWEEN FRAME LINES.
 - FOR GENERAL NOTES AND DETAILS SEE SHEET S2.
 - TYPICAL FOUNDATION DETAILS SEE SHEET S2.
 - HAIRPINS TO BE #6 BARS 96" LONG, BENT AT 45°.

- GENERAL NOTE**
- PLANS AND DETAILS ARE SUBJECT TO CHANGE BASED ON METAL BUILDING REACTIONS AND BASE PLATE LAYOUT.
 - REFER TO METAL BUILDING DRAWINGS FOR BASE PLATE LAYOUT.
 - OWNER IS RESPONSIBLE FOR OBTAINING METAL BUILDING SHOP DRAWINGS AND SUBMITTING THEM TO THE CITY FOR REVIEW.
 - THE DRAWINGS AND NOTES REPRESENT THE FINISHED FOUNDATION SYSTEM ONLY. THE P.E.S. MANUFACTURED SYSTEM SHALL INCLUDE BUT NOT LIMITED TO PRE-ENGINEERED STEEL BUILDING RIGID FRAME, ENDWALL FRAMING, GIRTS, ROOF PANELS, WALL PANELS, ACCESSORIES, ETC.
 - P.E.S. BUILDING REACTIONS AND BASE PLATE LAYOUT DRAWINGS MUST BE PROVIDED TO ENGINEER OR ARCHITECT PRIOR TO CONSTRUCTION FOR REVIEW.

FOUNDATION PLAN 1
SCALE 1/4" = 1'-0" S-100



**BUXTON KUBIK DOD
DESIGN COLLECTIV**
3100 S. NATIONAL AVENUE, SUITE 3
SPRINGFIELD, MO 658
PHONE: 417.890.5543 FAX: 417.890.1
MISSOURI CERTIFICATE OF AUTHORITY NO. A-2006001



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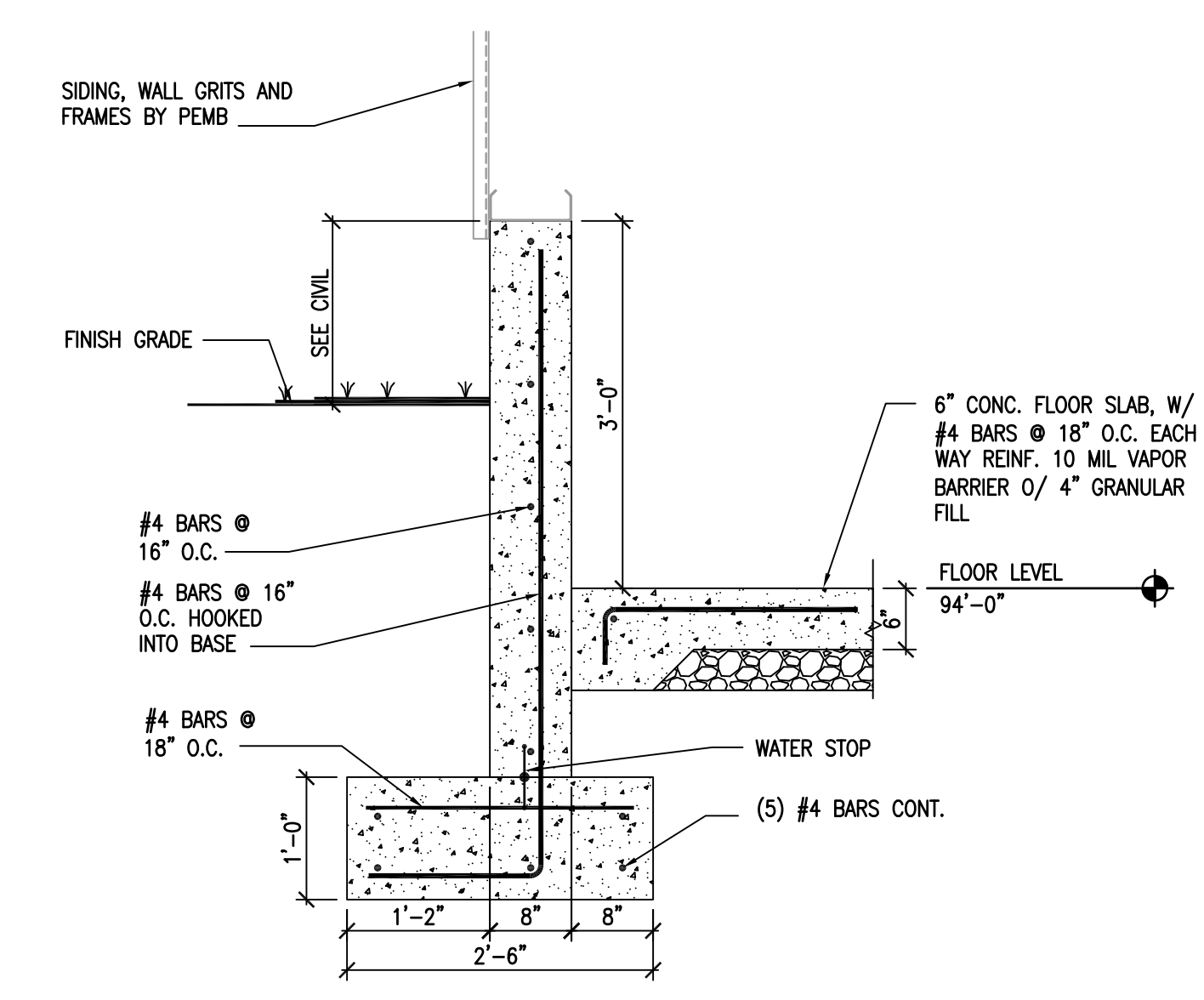
PROJECT # T2333-01
SITE # 6276
FACILITY # 8136276002

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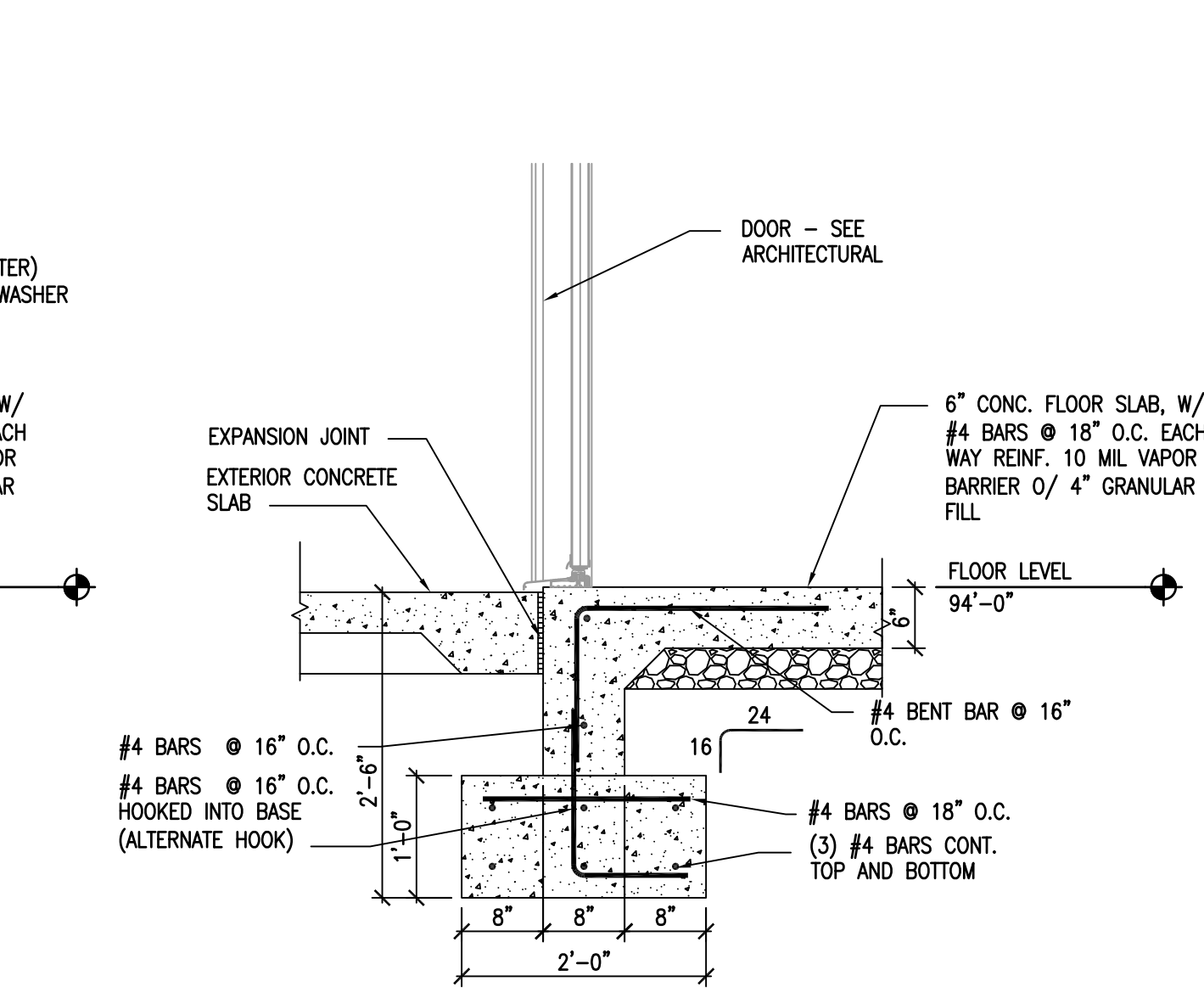
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DRAWN BY: TSF
CHECKED BY: RTH
DESIGNED BY: RTH

SHEET TITLE:
DETAILS

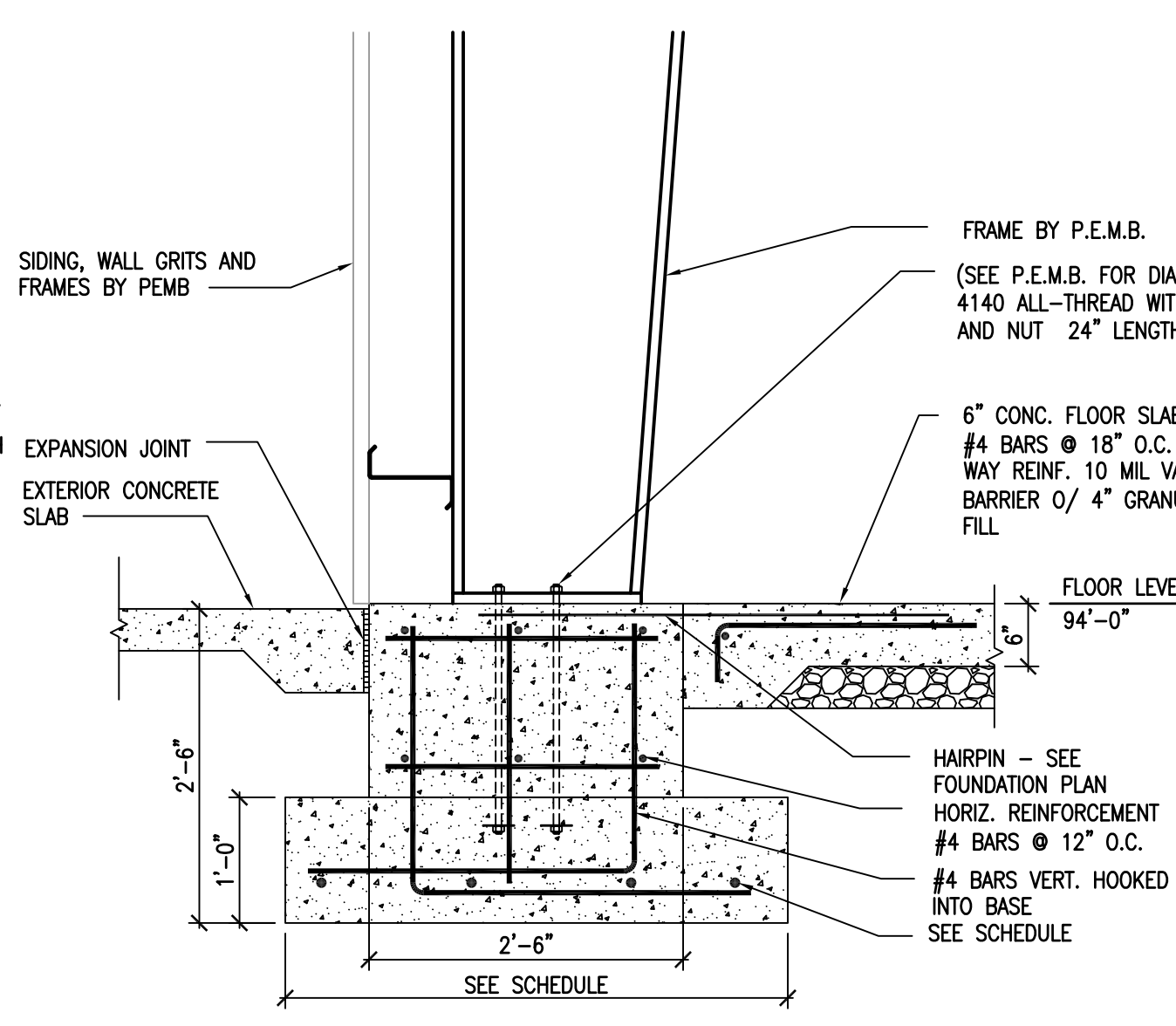
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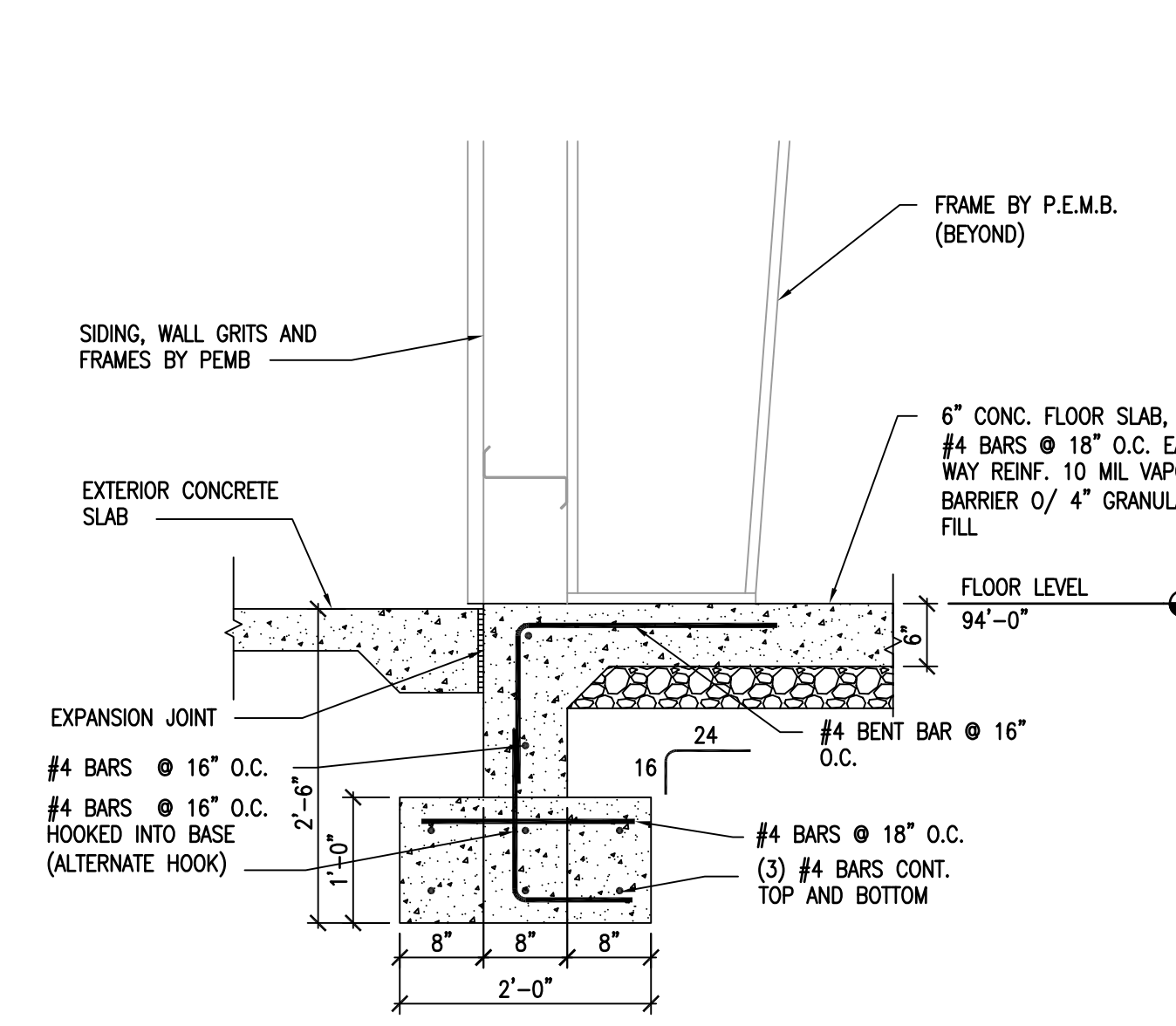
4 SECTION SCALE: 3/4"=1'-0"



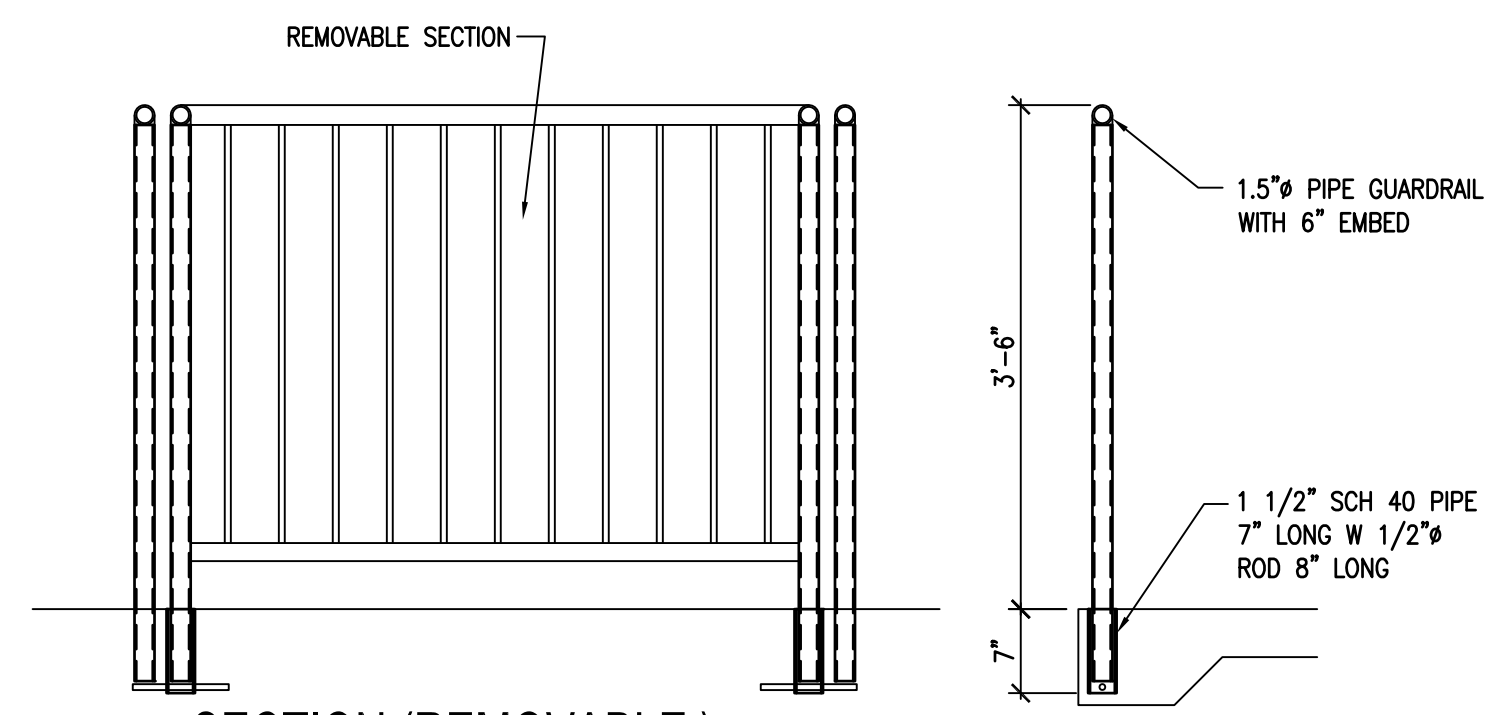
3 SECTION SCALE: 3/4"=1'-0"



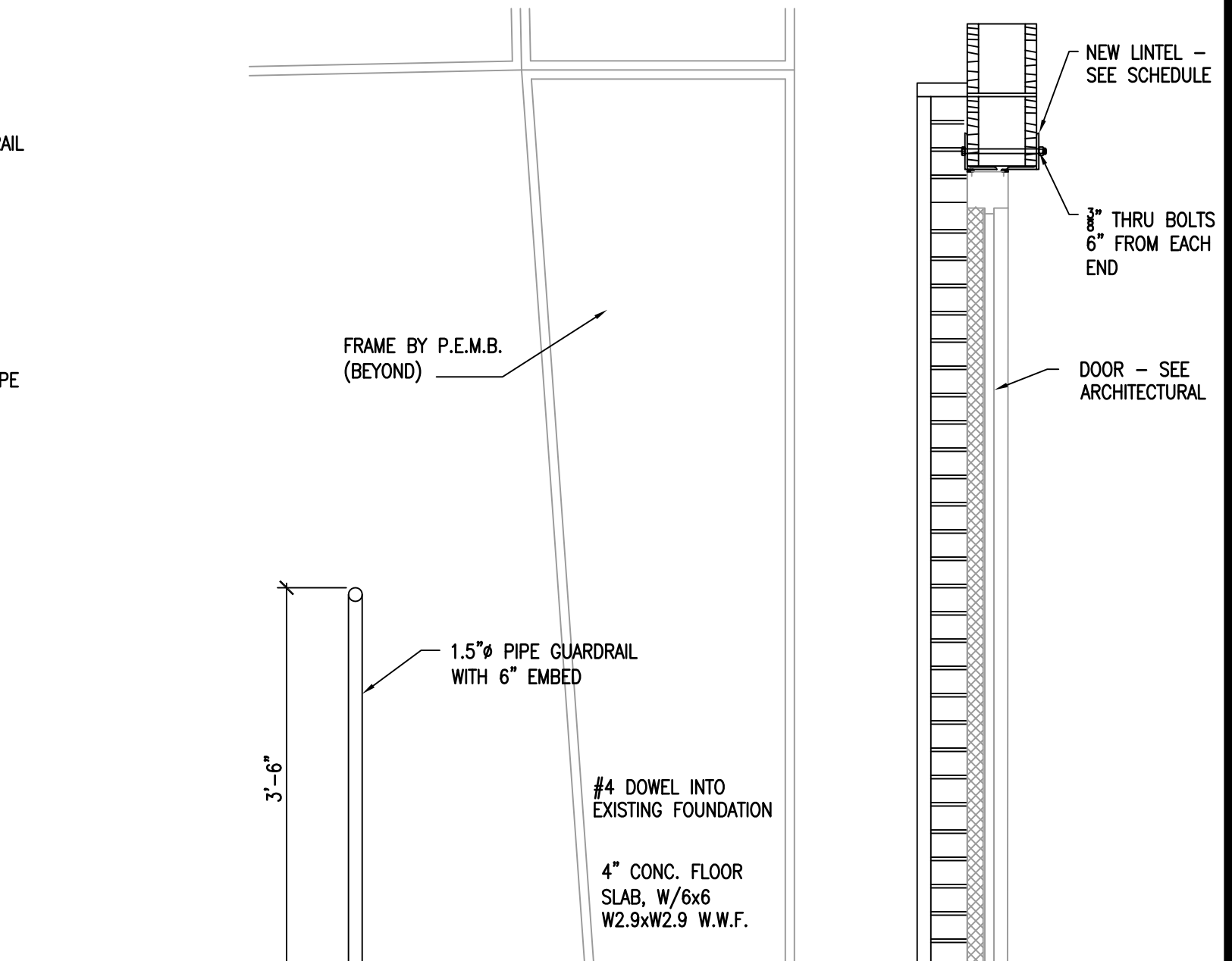
2 SECTION SCALE: 3/4"=1'-0"



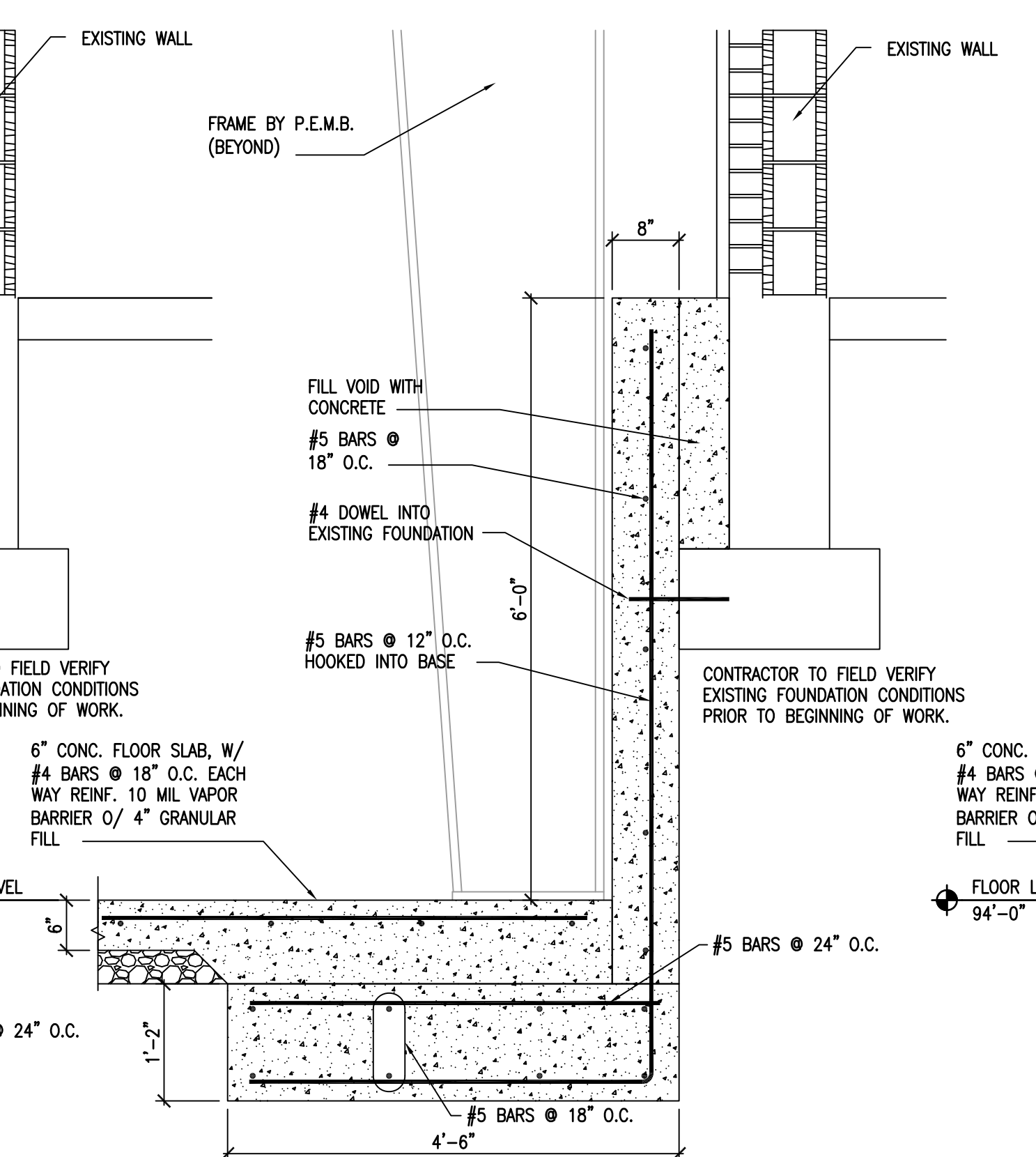
1 SECTION SCALE: 3/4"=1'-0"



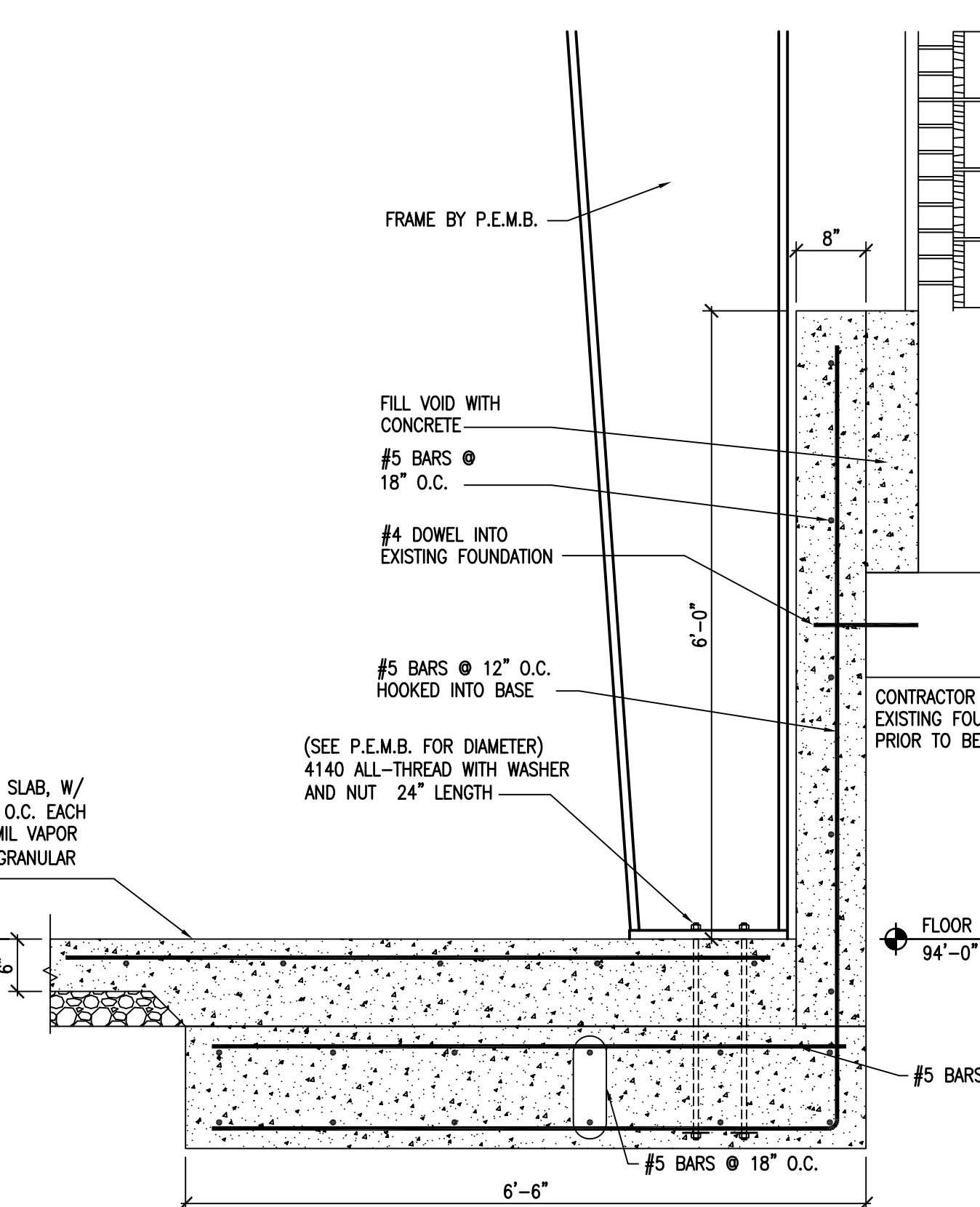
9 SECTION (REMOVABLE) SCALE: 3/4"=1'-0"



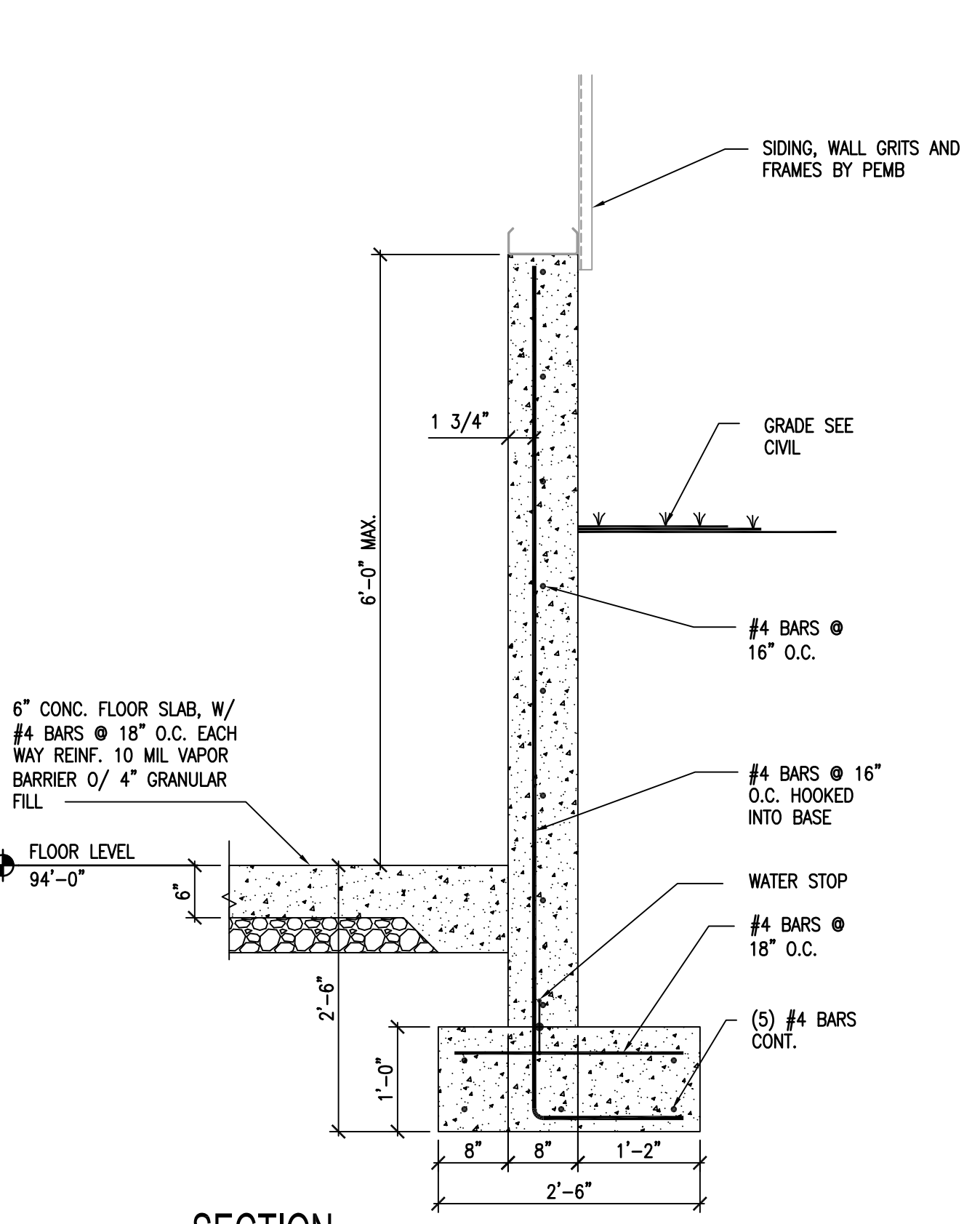
8 SECTION SCALE: 3/4"=1'-0"



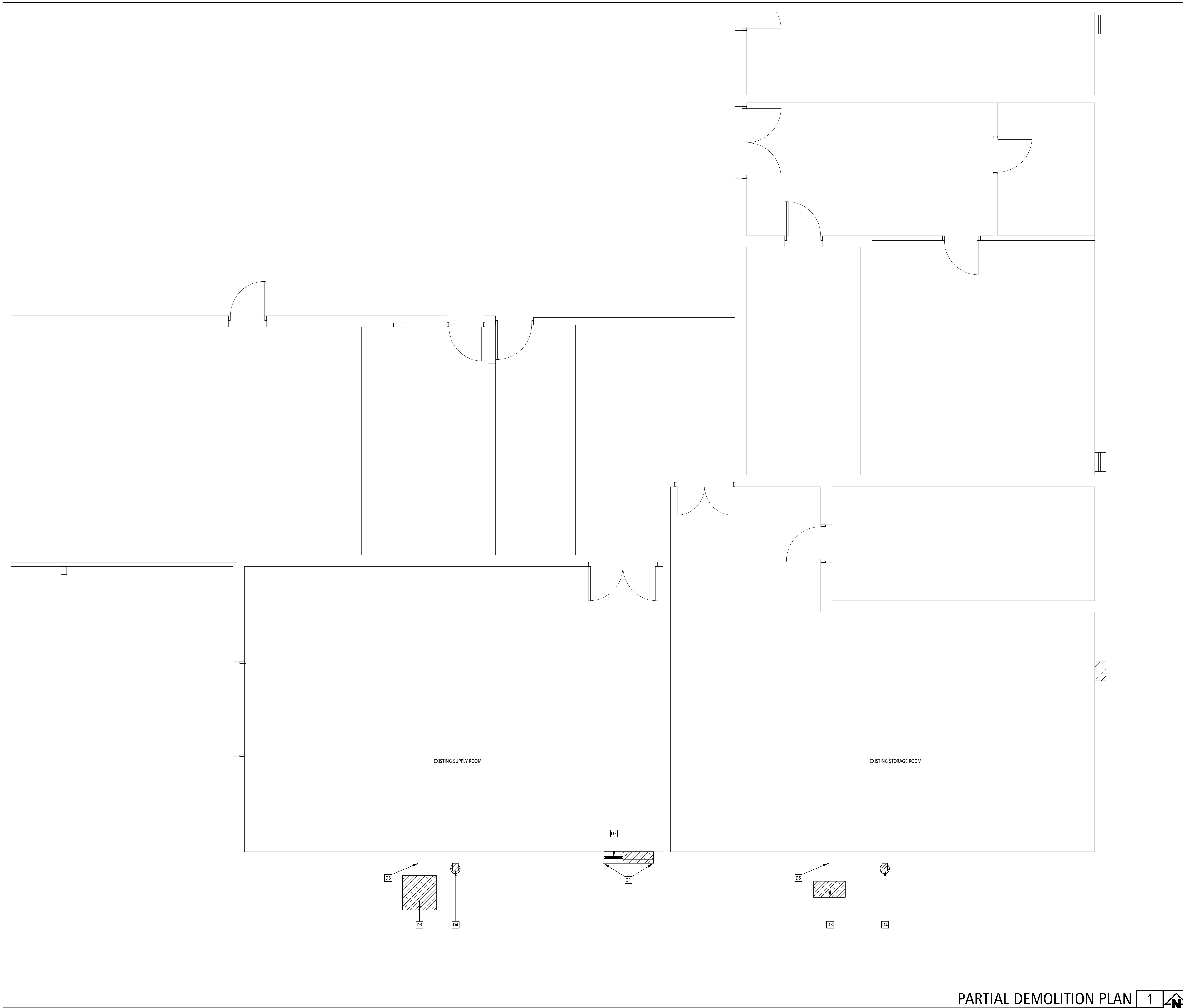
7 SECTION SCALE: 3/4"=1'-0"



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



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



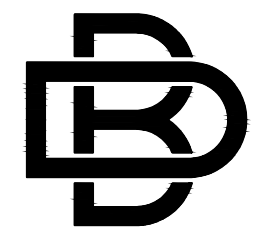
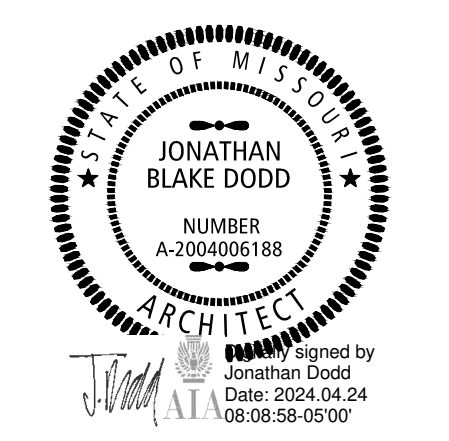
GENERAL DEMOLITION NOTES

1. COORDINATE WITH OWNER ON TO VERIFY ANY / ALL ITEMS TO BE SALVAGE PRIOR TO COMMENCING WITH DEMOLITION. PROTECT ALL ITEMS THAT ARE SALVAGED AND REINSTALL WHERE NOTED. COORDINATE LOCATION OF ALL OTHER ITEMS SALVAGED BUT NOT REINSTALLED.
2. CONTRACTOR SHALL COORDINATE WORK WITH OTHER CONTRACTS/TRADES AS REQUIRED FOR ALL CONSTRUCTION ACCESS, CONSTRUCTION AREAS, AND DEMOLITION WORK REQUIRE.
3. PATCH AND REPAIR ANY ASPHALT AND/OR CONCRETE PAVING AREAS AS REQ'D. THAT WERE DAMAGED DURING CONSTRUCTION; SEE CIVIL PLANS.
4. REMOVE AND DISPOSE OF ANY AND ALL TRASH, DEBRIS, ETC. THROUGHOUT RENOVATION AREA. SEE SPECIFICATIONS FOR ADDITIONAL DISPOSAL NOTES.
5. SEE SPECIFICATIONS FOR DISPOSAL OF ALL DEMOLISHED MATERIALS AND DEBRIS.
6. SEE FLOOR PLANS, ROOF PLAN, SECTIONS, ELEVATIONS & DETAILS FOR ADDITIONAL DETAILED DEMOLITION INFORMATION REQUIRED FOR NEW CONSTRUCTION AND ITS AFFECT ON DEMOLITION ITEMS DESCRIBED HERE IN. NOT ALL DEMOLITION REQUIRED MAY BE SHOWN ON THE DEMOLITION PLANS. THESE PLANS ARE FOR GENERAL INFORMATION & DESIGN INTENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FULLY REVIEW AND UNDERSTAND THE CONTRACT DOCUMENTS AND THE EXTENT OF DEMOLITION REQUIRED FOR NEW CONSTRUCTION INDICATED.
7. NOT ALL WALLS/PARTITIONS MAY BE SHOWN ACCURATELY ON PLAN; G.C. & DEMO SUB-CONTRACTOR RESPONSIBLE TO FIELD VERIFY EXISTING CONDITIONS.
8. GENERAL CONTRACTOR TO SHORE EXISTING WALLS / STRUCTURE TO REMAIN UNTIL NEW WORK IS IN PLACE; SEE STRUCTURAL AND SPECIFICATIONS ALSO.
9. SEE MEP DEMOLITION PLANS/NOTES FOR ANY ADDITIONAL DEMOLITION INFORMATION INCLUDING REMOVAL OF EXISTING PIPING, CONDUIT, ELECTRICAL/MECH DEVICES, ETC. PATCH AND REPAIR ANY WALL/FLOOR/ROOF PENETRATIONS WHERE THESE ITEMS PENETRATED ANY FLOOR SLAB/WALLS, TO MATCH EXISTING.
10. PROTECT ANY EXISTING VOICE, DATA, ELECTRICAL OUTLETS, THERMOSTATS, FIRE ALARM EQUIPMENT, LIGHTING, EMERGENCY LIGHTING ETC. NOT SHOWN TO BE REMOVED ON MEP PLANS. NOT ALL ITEMS MAY BE INDICATED. VERIFY WITH ARCHITECT & OWNER FOR CLARIFICATION IF ANY DISCREPANCIES ARE DISCOVERED.
11. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A DEBRIS AND DUST FREE ENVIRONMENT FOR ANY ALL PROJECTION RACKING AND EQUIPMENT. IF EQUIPMENT IS IN NEED OF MOVING/RELOCATING FOR MEANS OF CONSTRUCTION, THE CONTRACTOR MUST CONSULT THE ARCHITECT AND OWNER BEFORE PROCEEDING.
12. SEE SITE PLAN & SITE DETAILS FOR ANY SITE DEMOLITION REQUIRED.

DEMOLITION PLAN KEYNOTES

- D1 REMOVE PORTION OF EXISTING EXTERIOR LOAD-BEARING STRUCTURAL CMU WALLS & MASONRY BRICK VENEER PER STRUCTURAL NOTES, DETAILS, SPECIFICATIONS AND WALL SECTIONS AS REQUIRED FOR FOR EXTENTS OF NEW CONSTRUCTION. CLEAN, PATCH & REPAIR ANY ADJACENT SURFACES TO MATCH EXISTING CONDITIONS. SEE STRUCTURAL DRAWINGS, WALL SECTIONS & DOOR DETAILS FOR FURTHER INFORMATION. SEE STRUCTURAL DRAWINGS & SPECIFICATIONS FOR SHORING REQUIREMENTS.
- D2 REMOVE EXISTING WALL LOUVER, FRAME, TRIM & OTHER COMPONENTS, ETC. AS REQUIRED FOR NEW CONSTRUCTION. CONFIRM WITH OWNER ON ANY ITEMS TO BE SALVAGED PRIOR TO REMOVAL. DISCARD ANY ITEMS NOT SALVAGED. CLEAN, PATCH, REPAIR ALL ADJACENT SURFACES TO RECEIVE NEW WALL OR DOOR CONSTRUCTION. SEE FLOOR PLANS, ELEVATIONS AND WALL SECTIONS FOR ADDITIONAL INFORMATION.
- D3 REMOVE & REINSTALL EXISTING HVAC COMPRESSOR EQUIPMENT & DISCONNECT SWITCH AT SUITABLE GROUND LOCATION EAST OF NEW BUILDING ADDITION; SEE MECHANICAL & ELECTRICAL DRAWINGS & SPECIFICATIONS FOR ADDITIONAL INFORMATION. REMOVE EXISTING CONCRETE COMPRESSOR PADS. PROVIDE MANF RECOMMENDED NEW COMPOSITE COMPRESSOR PADS FOR RELOCATION UNLESS OTHERWISE NOTED.
- D4 REMOVE PORTION OF EXISTING METAL DOWNSPOUTS AS REQUIRED FOR NEW CONSTRUCTION; SEE ELEVATIONS & WALL SECTIONS FOR NEW METAL DOWNSPOUT WORK OVER NEW ADDITION ROOF. SEE CIVIL DRAWINGS FOR REMOVAL/PATCHING OF EXISTING STORM PIPING. CAP & PATCH EXISTING STORM PIPING NO LONGER USED; SEE CIVIL DWGS ALSO.
- D5 PATCH WALLS TO MATCH EXISTING AT REMOVED DISCONNECT & REFRIGERANT PIPING EXTERIOR WALL PENETRATIONS, TYP.

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



BUXTON KUBIK DODD
DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
PHONE: 417.890.5543 FAX: 417.890.5563
MISSOURI CERTIFICATE OF AUTHORITY NO. A-2006007284

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ISSUE DATE: 04/24/2024

CAD DWG FILE: A-010
DRAWN BY: JD
CHECKED BY: JD
DESIGNED BY: JD

SHEET TITLE:
**PARTIAL
DEMOLITION
PLANS**

SHEET NUMBER:

A-010

14 OF 37 SHEETS
04/24/2024

EQUIPMENT SCHEDULE					
NO.	DESCRIPTION	MOUNTING HEIGHT	MANUFACTURER	MODEL NO.	REMARKS
FE	FIRE EXTINGUISHER (STND. BRACKET MOUNTING ONLY)	48" A.F.F. TO C.LINE OF CABINET. SEE DETAIL: 1/G-002	RUSOH, ELIMINATOR (OR EQUAL), SELF-SERVICE, RELOADABLE, MULTI-PURPOSE DRY CHEMICAL	EQUIVALENT TO: RUSOH ELIMINATOR 3-A-40-B-C, MODEL 0930001, SELF-SERVICE, RELOADABLE, MULTI-PURPOSE DRY CHEMICAL FIRE EXTINGUISHER W/ STANDARD SURFACE MOUNTING BRACKET. FINAL LOCATION MAY BE DIRECTED IN FIELD.	
ES	"EXIT" ACCESSIBLE EXIT SIGN	48" MIN. - 60" MAX. TO BOTTOM OF CHARACTER TEXT	CUSTOM ADA COMPLIANT SIGN. SEE DETAIL: 2/G-002. SEE SHEET G-002 FOR ADDITIONAL SIGN INFO / MOUNTING REQ.		

ROOM FINISH SCHEDULE									
ROOM NO.	ROOM NAME	FLOOR	BASE	NORTH WALL FINISH	SOUTH WALL FINISH	EAST WALL FINISH	WEST WALL FINISH	CEILING	REMARKS
100	STORAGE	SC1	-	LPI	LPI	LPI	LPI	CP1	

SEAL/CONCRETE
 SC1 - SEALED CONCRETE; SEE SPECIFICATIONS FOR SEALER / DENSIFIER / HARDNER PRODUCT TYPE.

LINER PANEL
 LPI - PRE-FINISHED METAL LINER PANELS PROVIDED BY MBC. FACTORY FORMED R-RIB LINER PANEL; 26 GA MIN.; SEE SPECIFICATIONS. DESIGN INTENT COLOR: "POLAR WHITE" OR AS SELECTED BY ARCHITECT FROM A FULL LINE OF MANUFACTURERS STANDARD COLORS.

CEILING PANEL
 CP1 - PRE-FINISHED METAL LINER PANELS PROVIDED BY MBC. FACTORY FORMED R-RIB LINER PANEL; 26 GA MIN.; SEE SPECIFICATIONS. DESIGN INTENT COLOR: "POLAR WHITE" OR AS SELECTED BY ARCHITECT FROM A FULL LINE OF MANUFACTURERS STANDARD COLORS.

PAINT
 SEE SPECIFICATIONS FOR PAINT TYPE FOR PRODUCTS TO BE PAINTED. SEE EXTERIOR ELEVATIONS, SHEET A-200, FOR EXTERIOR PAINT COLOR SELECTIONS.
 IPC1 - PAINT COLOR: "SAFETY YELLOW". SEE PAINT SPECIFICATIONS.
 IPC2 - PAINT COLOR TO BE CUSTOM COLOR MATCHED TO EXISTING INTERIOR HM DOORS/FRAMES. SEE PAINT SPECIFICATIONS.

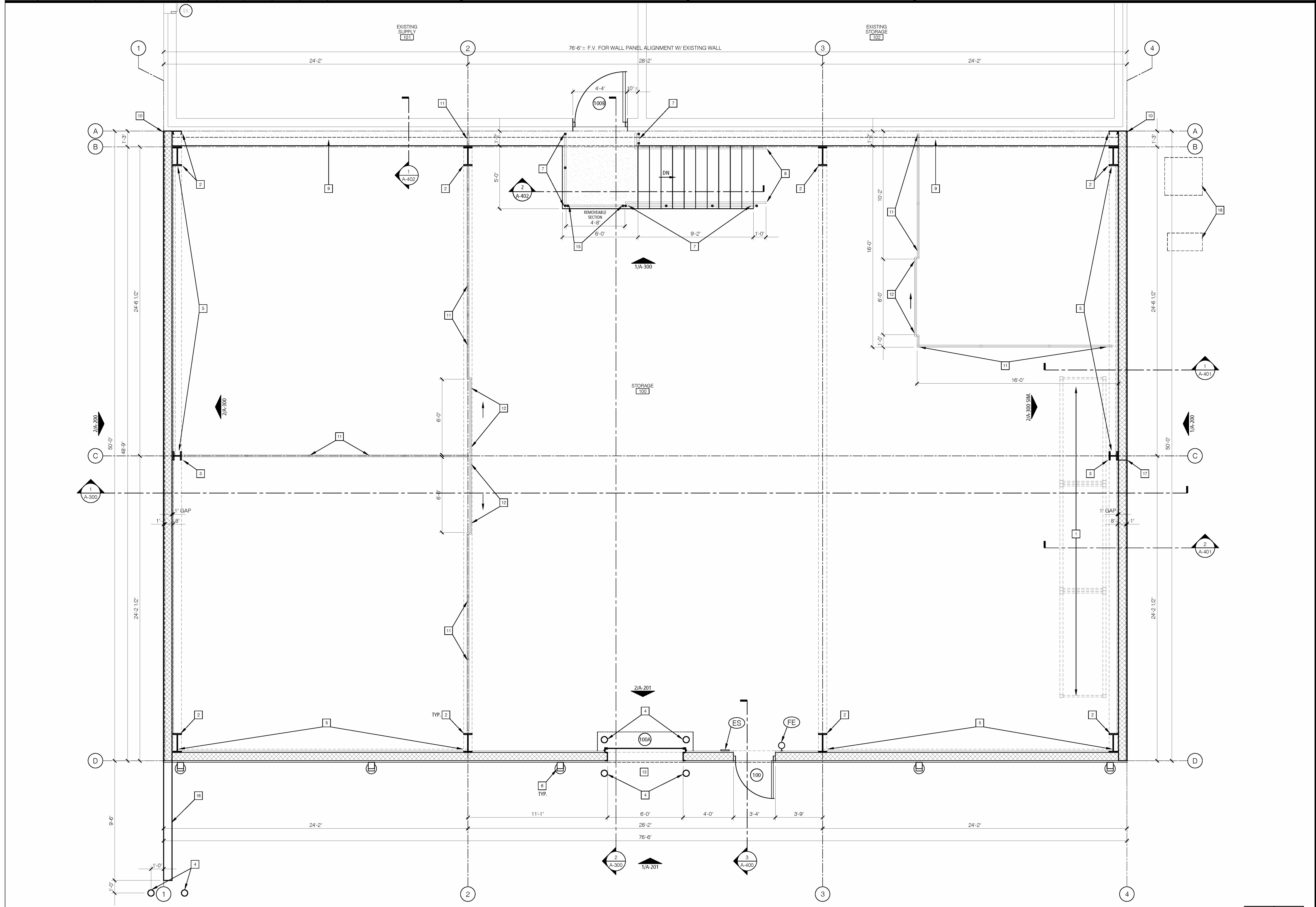
- INTERIOR GENERAL NOTES**
1. WALL FINISHES AS INDICATED, ARE TO BE FULL HEIGHT (FLOOR TO CEILING) UNLESS NOTED OTHERWISE.
 2. ALL SEALANT/CAULKING SHALL MATCH ADJACENT SURFACES UNLESS OTHERWISE NOTED.
 3. FLOORING CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLY AND INSTALLATION OF ALL TRANSITIONS NECESSARY FOR CHANGES IN FLOOR FINISH. SUBMIT SUGGESTED TRANSITION PIECES TO ARCHITECT FOR APPROVAL.
 4. N.F.R. MEANS NO FINISH REQUIRED.
 5. THE FOLLOWING ITEMS, EXCEPT WHERE NOTED OTHERWISE SHALL BE FINISHED TO MATCH ADJACENT COLOR: ELECTRICAL PANELS, AIR GRILLES, LOUVERS, AND ACCESS PANELS.
 6. ALL NEW SWITCH PLATES, DEVICES AND RECEPTACLES TO BE COLOR: "GRAY" WITH "STAINLESS STEEL" COVERPLATES.

BID ALTERNATE SCHEDULE

REFER TO SPECIFICATIONS SECTION 012300 - ALTERNATES FOR THE BID ALTERNATE SCHEDULE & DESCRIPTIONS.

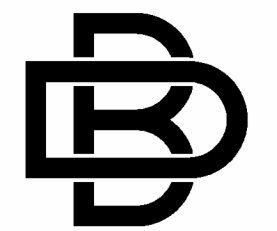
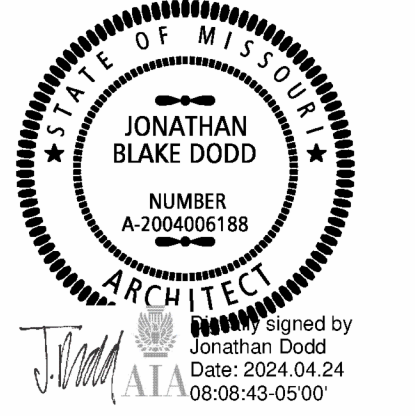
- GENERAL FLOOR PLAN NOTES**
- OFFICE: ROOM NAME
 100: ROOM NUMBER
1. SEE FLOOR PLAN KEYNOTES SHEET A-100 FOR TYPICAL NOTATION ALL PLANS.
 2. SEE REF. CEILING PLANS, FLOOR FINISH PLANS, SCHEDULES AND SPECIFICATIONS FOR OTHER FINISH INFORMATION.
 3. FLOOR PLAN NOTES APPLY TO ALL FLOOR PLANS TYP.
 4. NOT ALL NOTATION MAY BE USED ON EACH FLOOR - SEE FLOOR PLAN KEYNOTES.
 5. INTERIOR WALL AND CEILING FINISHES SHALL HAVE A FLAME SPREAD RATING BETWEEN 26-75 AND A SMOKE DEVELOPED RATING BETWEEN 0-450 (CLASS B).

- FLOOR PLAN KEYNOTES**
- 1 RACK STORAGE EQUIPMENT PROVIDED BY OWNER (SHOWN FOR COORDINATION ONLY)
 - 2 PRE-ENGINEERED STEEL COLUMN / MAINFRAME BY MBC.
 - 3 PRE-ENGINEERED STEEL ENDWALL COLUMN BY MBC.
 - 4 6" CONC FILLED STEEL PIPE BOLLARD TO 48" A.F.F. W/ PRE-FINISHED BOLLARD COVERS. SEE STRUCTURAL DETAILS, CIVIL DRAWINGS & DETAILS: 3/G-002 (EXTERIOR) & 4/G-002 (INTERIOR). COORDINATE FINAL LOCATIONS IN FIELD W/ GC/OWNERS REPRESENTATIVE.
 - 5 STEEL X-BRACING LOCATION BY MBC.
 - 6 1/2" METAL DOWNSPOUT BY MBC - TRANSITION INTO DRAIN LEADERS; SEE ELEVATIONS AND CIVIL DRAWINGS
 - 7 42" HIGH, 1-1/2" O.D. GALV STEEL GUARD RAIL (PAINT); SEE DETAILS: 18/2/A-300, 1/A-400, & 2/A-402.
 - 8 1-1/2" O.D. GALV STEEL HANDRAIL (PAINT); SEE DETAILS: 18/2/A-300, 1/A-400, & 2/A-402.
 - 9 CONCRETE LEDGE/SHELF; SEE SECTIONS & DETAIL: 1/A-402.
 - 10 VERTICAL WALL EXPANSION JOINT SYSTEM PROVIDED BY MBC PER SHOP DRAWINGS. SEE ELEVATIONS & SPECIFICATIONS ALSO.
 - 11 FULL HEIGHT GALVANIZED CHAIN LINK FENCE SYSTEM TO UNDERSIDE OF FINISHED CEILING/STRUCTURE ABOVE. FENCING SHALL BE INSTALLED IN SUCH A WAY THAT NO MORE THAN A 2" GAP EXISTS BETWEEN POSTS, RAILS, DOOR FRAMES, ETC. TO ANY ADJACENT SURFACE FLOOR, WALL, CEILING, STRUCTURE, ETC.). INSTALL PER MANUFACTURERS INSTRUCTIONS & APPROVED SHOP DRAWINGS. SUPPLIER SHALL INCLUDE ALL REQUIRED COMPONENTS AND ACCESSORIES FOR A FULLY FUNCTIONAL STORAGE CAGE SYSTEM W/ SLIDING GATE HARDWARE, INCLUDING NECESSARY BRACING, SLIDING DOOR HARDWARE, GUIDES, WHEELS, ETC. OWNER WILL PROVIDE PADLOCKS FOR CONTRACTOR PROVIDED HASP GATE LOCKING HARDWARE. SEE SPECIFICATIONS ALSO.
 - 12 6" (W) X 6" (T) SLIDING MANUAL GALVANIZED CHAIN LINK GATE SYSTEM W/ ALL REQUIRED COMPONENTS FOR A COMPLETE FUNCTIONING SLIDING GATE SYSTEM. GATE SHALL HAVE LOCKING HARDWARE FOR PADLOCKS SUPPLIED BY OWNER. SLIDING GATES SHALL BE INSTALLED SUCH A WAY THAT NO MORE THAN A 2" GAP EXISTS BETWEEN POSTS, RAILS, DOOR FRAMES, ETC. TO ANY ADJACENT SURFACE FLOOR, WALL, CEILING, STRUCTURE, ETC.). INSTALL PER MANUFACTURERS INSTRUCTIONS & APPROVED SHOP DRAWINGS. SEE SPECIFICATIONS ALSO.
 - 13 CONCRETE PAD/APRON/WALK/RAMP; SEE CIVIL/STRUCTURAL DRAWINGS.
 - 14 MECHANICAL / ELECTRICAL EQUIPMENT; SEE MEP DRAWINGS
 - 15 PROVIDE A 4" (W) X 42" (H) 1-1/2" O.D. REMOVABLE SECTION OF GALV STEEL GUARD RAIL (PAINT) SET IN VERTICAL STEEL SLEEVES IN CONCRETE. SEE DETAIL: 1/A-300.
 - 16 3'-0" AFF CONCRETE STEM WALL; SEE STRUCTURAL & WALL SECTIONS. SLOPE TOP FOR POSITIVE DRAINAGE.
 - 17 APPROXIMATE STEP DN CONCRETE STEM WALL LOCATIONS; SEE STRUCTURAL. COORDINATE FINAL STEP LOCATION DIMENSION WITH MBC PRIOR TO SHOP DRAWING SUBMITTAL & INSTALLATION.
 - 18 APPROXIMATE LOCATION OF EXISTING RELOCATED GROUND MOUNTED HVAC EQUIPMENT & DISCONNECT SWITCHES; SEE MEP DRAWINGS. FIELD LOCATE ON LEVEL GRADE CLOSE TO BUILDING. PROVIDE NEW CONDENSER PADS TO FIT UNITS.



PARTIAL FIRST FLOOR PLAN 1
 SCALE: 1/4" = 1'-0" A-100

STATE OF MISSOURI
 MICHAEL L. PARSON,
 GOVERNOR



BUXTON KUBIK DODD
 DESIGN COLLECTIVE
 3100 S. NATIONAL AVENUE, SUITE 300
 SPRINGFIELD, MO 65807
 PHONE: 417.890.5543 FAX: 417.890.5563
 MISSOURI CERTIFICATE OF AUTHORITY NO. A-200607284

OFFICE OF ADMINISTRATION
 DIVISION OF FACILITIES
 MANAGEMENT,
 DESIGN AND CONSTRUCTION

NATIONAL GUARD

CONSTRUCT ADDITION
 JOPLIN READINESS CENTER
 2000 W. 32ND STREET
 JOPLIN, MISSOURI 64804

PROJECT # T2333-01
 SITE # 6276
 FACILITY # 8136276002

REVISION: _____
 DATE: _____
 REVISION: _____
 DATE: _____
 REVISION: _____
 DATE: _____

ISSUE DATE: 04/24/2024

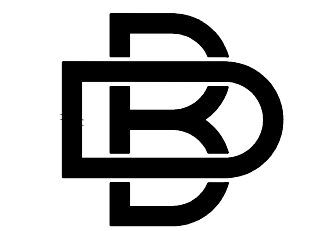
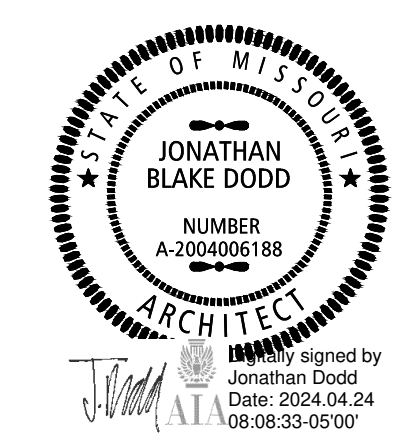
CAD DWG FILE: A-100
 DRAWN BY: JD
 CHECKED BY: JD
 DESIGNED BY: JD

SHEET TITLE:
**PARTIAL FIRST
 FLOOR PLAN -
 BLDG ADDITION**

SHEET NUMBER:

A-100

15 OF 37 SHEETS
 04/24/2024



BUXTON KUBIK DODD
DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
PHONE: 417.890.5543 FAX: 417.890.5563
MISSOURI CERTIFICATE OF AUTHORITY NO. A-2006007284

OFFICE OF ADMINISTRATION
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2000 W. 32ND STREET
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DATE: _____

ISSUE DATE: 04/24/2024

CAD DWG FILE: A-150
DRAWN BY: JD
CHECKED BY: JD
DESIGNED BY: JD

SHEET TITLE:
**PARTIAL ROOF
PLAN - BLDG
ADDITION**
(BASE BID)

SHEET NUMBER:

A-150

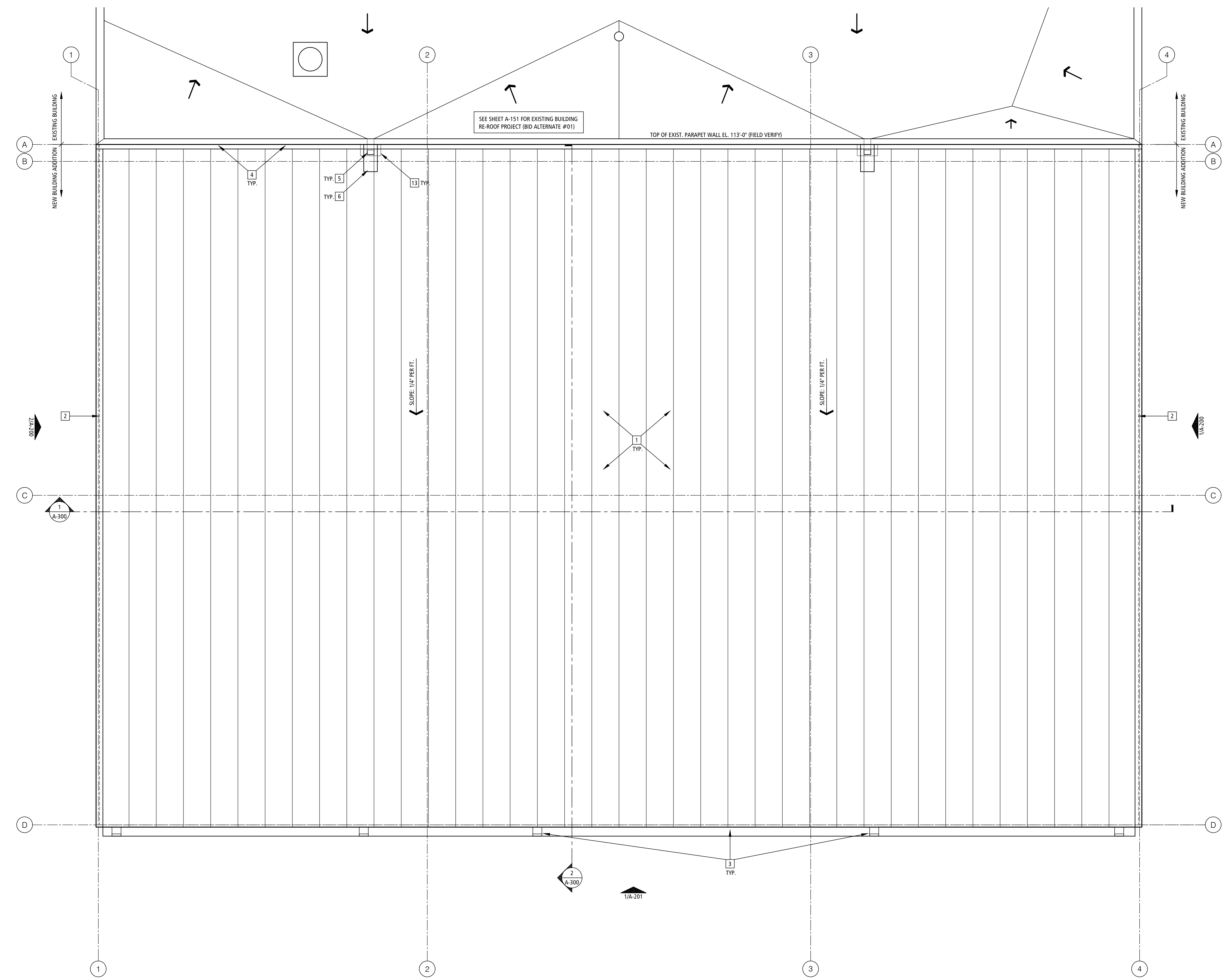
16 OF 37 SHEETS
04/24/2024

GENERAL ROOF PLAN NOTES

SEE SHEET A-151 FOR ROOF PLAN GENERAL NOTES

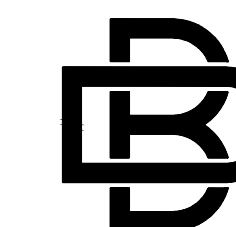
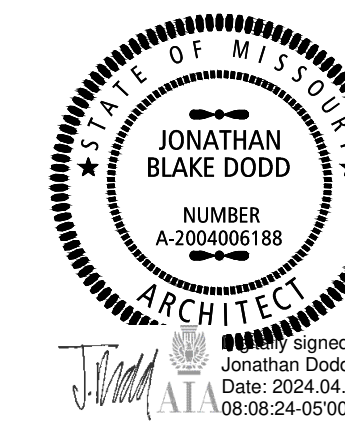
ROOF PLAN KEYNOTES

SEE SHEET A-151 FOR ROOF PLAN KEYNOTES



PARTIAL ROOF PLAN - NEW BUILDING ADDITION

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



BUXTON KUBIK DODD
DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
PHONE: 417.800.5543 FAX: 417.800.5563
MISSOURI CERTIFICATE OF AUTHORITY NO. A-200607284

OFFICE OF ADMINISTRATION
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2000 W. 32ND STREET
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SITE # 6276
FACILITY # 8136276002

REVISION: _____
DATE: _____
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DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 04/24/2024

CAD DWG FILE: A-151
DRAWN BY: JD
CHECKED BY: JD
DESIGNED BY: JD

SHEET TITLE:
RE-ROOF PLAN
EXISTING BLDG
(BID ALTERNATE #01)

SHEET NUMBER:

A-151

17 OF 37 SHEETS
04/24/2024

GENERAL ROOF PLAN NOTES

- FOR ROOF PENETRATIONS, SEE MEP DRAWINGS. NOT ALL PENETRATIONS ARE INDICATED ON THIS PLAN.
- MECHANICAL INFORMATION SHOWN ON THIS DRAWING IS FOR GENERAL COORDINATION ONLY; SEE MEP DRAWINGS.
- SEE WALL SECTIONS & DETAILS FOR EAVE / PARAPET HEIGHTS.
- GENERAL CONTRACTOR TO COORDINATE LOCATIONS OF ANY ROOF TOP MECH UNITS.
- ALL EXISTING ROOF SHALL BE REMOVED DOWN TO THE EXISTING ROOF DECK. NOTIFY ARCHITECT FOR INSPECTION OF EXISTING ROOF DECK PRIOR TO INSTALLATION OF NEW ROOF MATERIALS. SEE SPECIFICATIONS FOR ADDITIONAL ROOFING INSTRUCTIONS AND INFORMATION.
- EXTREME CARE REQUIRED AT SCUPPERS TO ASSURE POSITIVE DRAINAGE AND PREVENT PONDING.
- MAINTAIN EXISTING ROOF SLOPES & ELEVATIONS IN ALL AREAS.
- REMOVE & REINSTALL EXISTING WALL PANELS, FLASHINGS, COUNTERFLASHINGS AS REQUIRED FOR INSTALLATION OF NEW CONSTRUCTION INDICATED.
- PROVIDE ALL NEW REQUIRED TPO ROOF TRANSITIONS, BOOTS, CANIS, SLEEVES, ETC. AS REQUIRED FOR NEW/EXISTING ROOF EQUIPMENT, VENTS, GAS PIPING, ETC. INSTALL PER MANUFACTURER'S WRITTEN DETAILS AND/OR SHOP DRAWINGS.
- NOT ALL EXISTING ROOF PENETRATIONS MAY BE SHOWN ON ROOF PLAN. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING. PROVIDE ALL REQUIRED ROOF ACCESSORIES AND COMPONENTS REQUIRED FOR A COMPLETE ROOF REPLACEMENT SYSTEM PER DESIGN INTENT ON DRAWINGS & SPECIFICATIONS.

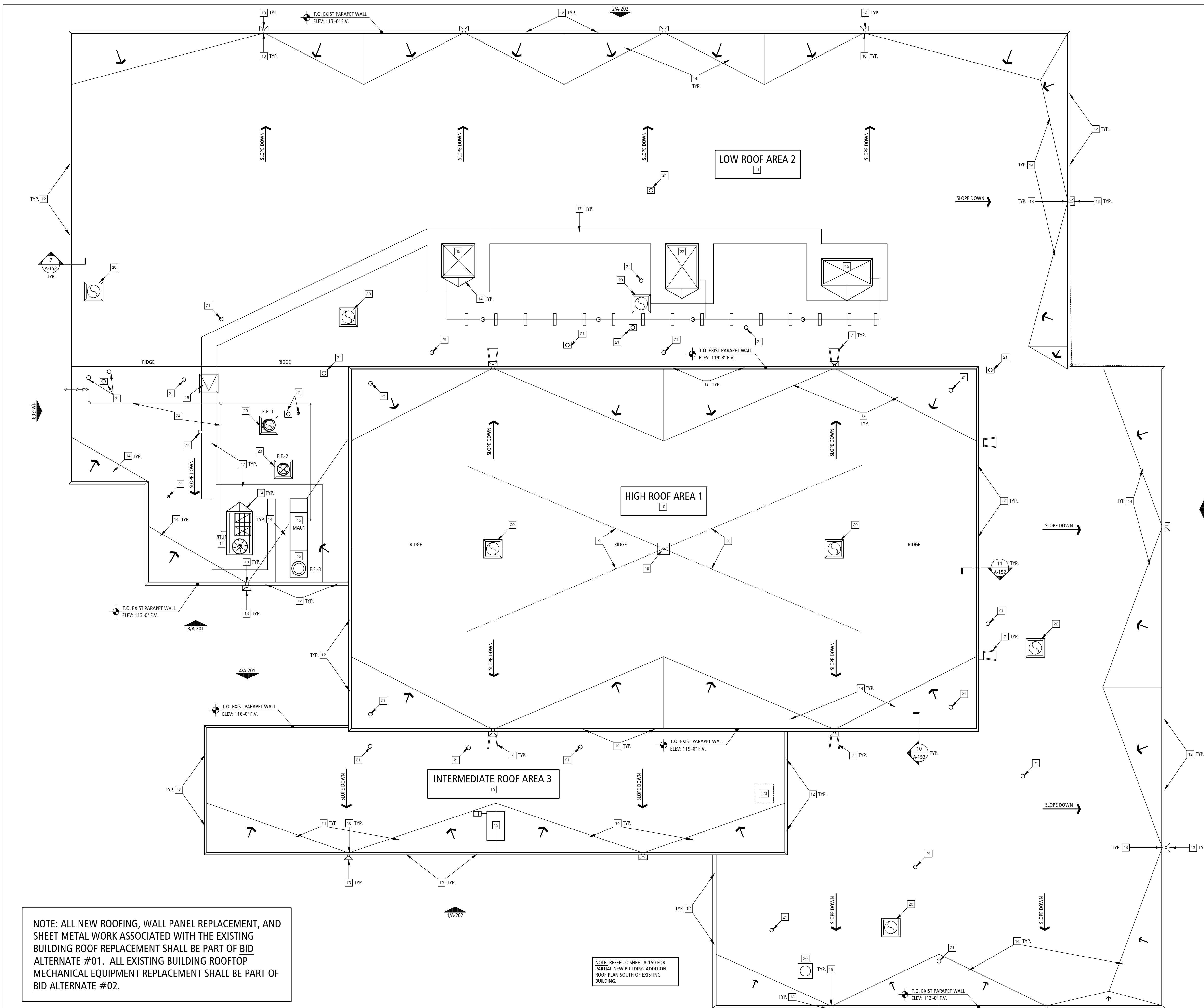
ROOF PLAN KEYNOTES

- PRE-FINISHED GALVALUME STANDING SEAM METAL ROOFING SYSTEM BY M.B.C.; SEE SPECIFICATIONS
- PRE-FINISHED METAL EAVE/RAKE FLASHING BY M.B.C.
- PRE-FINISHED/PRE-ENGINEERED METAL GUTTER/DOWNSPOUTS BY M.B.C.; SEE WALL SECTIONS, DETAILS AND SPECIFICATIONS
- PRE-FINISHED METAL ROOF-ROOF EXPANSION JOINT FLASHING SYSTEM BY M.B.C.; INSTALL PER PEMB SHOP DRAWINGS.
- REMOVE EXISTING DOWNSPOUT AND PROVIDE A NEW PRE-FINISHED METAL DOWNSPOUTS TO MATCH EXISTING SIZE/TYP/FINISH; SEE WALL SECTIONS, DETAILS AND SPECIFICATIONS.
- PERFORATED GALVALUME METAL SPLASH PAN SYSTEM BY M.B.C.; INSTALL PER PEMB SHOP DRAWINGS.
- REMOVE & REPLACE EXISTING SPLASH PANS W/ NEW 20 GA GALV METAL SPLASH PAN; INSTALL OVER EXTRA LAYER OF 60 MIL TPO ROOFING OR WALK PAD MATERIAL. SEE DETAIL: 4/A-152
- EXISTING BUILDING ROOF SYSTEM TO BE REMOVED & RE-ROOFED; SEE RE-ROOF PLAN SHEET A-151 FOR NEW WORK REQUIRED ON EXISTING ROOF.
- APPROXIMATE LOCATION OF EXISTING ANTENNA / ANTENNA GUY WIRES TO BE REMOVED AND REINSTALLED BY OWNER. FIELD VERIFY FINAL LOCATION. COORDINATE REMOVAL & REINSTALLATION WORK WITH OWNER. MAINTAIN EXISTING SUPPORT STRUCTURE AND GUY WIRE MOUNTING POINTS WITH NEW RE-ROOF PROJECT OR COORDINATE NEW ONES AS REQUIRED WITH OWNER. REFER TO SHEET A-153 FOR OWNER PROVIDED ANTENNA INSTALLATION DETAILS FOR REFERENCE / INFORMATION.
- EXISTING ROOF SYSTEM TO BE REMOVED DOWN TO EXISTING ROOF DECK AND REPLACED WITH A NEW 60 MIL SINGLE-PLY, FULLY ADHERED TPO ROOF MEMBRANE SYSTEM OVER 1/2" PROTECTION COVER BOARD OVER R-30 MIN. POLYSTYRO ROOF INSULATION OVER EXISTING WOOD FIBER FLECTUM DECK AND EXISTING BAR JOIST. PROVIDE FLAT OR TAPERED INSULATION AS REQUIRED TO MATCH EXISTING ROOF SLOPES AND ROOF ELEVATIONS/HEIGHT BACK TO EXISTING ROOF SCUPPERS. PROVIDE TAPERED INSULATION CRICKETS TO MATCH EXISTING ROOF SCUPPERS. ROOF SLOPE TO MATCH EXISTING TO ALIGN W/ EXISTING SCUPPER ELEVATIONS. SLOPE: 1/4" PER FOOT WHERE ABLE, 1/8" PER FOOT MIN. - FIELD VERIFY EXISTING ROOF SLOPE. COLOR: WHITE.
- EXISTING ROOF SYSTEM TO BE REMOVED DOWN TO EXISTING ROOF DECK AND REPLACED WITH A NEW 60 MIL SINGLE-PLY, FULLY ADHERED TPO ROOF MEMBRANE SYSTEM OVER 1/2" PROTECTION COVER BOARD OVER R-30 MIN. POLYSTYRO ROOF INSULATION OVER EXISTING METAL DECK AND EXISTING BAR JOIST. PROVIDE FLAT OR TAPERED INSULATION AS REQUIRED TO MATCH EXISTING ROOF SLOPES AND ROOF ELEVATIONS/HEIGHT BACK TO EXISTING ROOF SCUPPERS. PROVIDE TAPERED INSULATION CRICKETS TO MATCH EXISTING SLOPES BACK TO EXISTING ROOF SCUPPERS. ROOF SLOPE TO MATCH EXISTING TO ALIGN W/ EXISTING SCUPPER ELEVATIONS. SLOPE: 1/4" PER FOOT WHERE ABLE, 1/8" PER FOOT MIN. - FIELD VERIFY EXISTING ROOF SLOPE. COLOR: WHITE.
- REMOVE EXISTING CAP FLASHING & PROVIDE A NEW PRE-FINISHED METAL PARAPET CAP FLASHING SYSTEM W/ CLEAT. SEE WALL SECTIONS, DETAILS AND SPECIFICATIONS. SLOPE FOR POSITIVE DRAINAGE TOWARDS ROOF.
- REMOVE AND REPLACE EXISTING PRE-FINISHED METAL CONDUCTOR HEAD, DOWNSPOUT & DOWNSPOUT DRAIN LEADER/TRANSITION WITH NEW PRE-FINISHED METAL CONDUCTOR HEAD, DOWNSPOUT & DOWNSPOUT DRAIN LEADER/TRANSITION TO MATCH EXISTING. SEE WALL SECTIONS, DETAILS AND SPECIFICATIONS ALSO.
- TAPERED ROOF CURB DIVERTER CRICKET TO BE REPLACED W/ NEW TO MATCH EXISTING SLOPE. TYP.
- APPROXIMATE LOCATION OF EXISTING ROOF TOP HVAC UNIT WITH CURB & DIVERTER CRICKET TO BE REPLACED @ ALTERNATE #02; SEE MECHANICAL DRAWINGS & SPECIFICATIONS. SEE DETAIL: 1/A-152
- EXISTING ROOF HATCH/CURB TO REMAIN (PROTECT). REMOVE HATCH TO FLASH NEW ROOF SYSTEM OVER EXISTING ROOF HATCH CURB & RE-INSTALL HATCH. PROVIDE TAPERED INSULATION ROOF CRICKET ON TOP SIDE FOR POSITIVE DRAINAGE AROUND EXISTING HATCH CURB. TYP.
- PROVIDE 3" WIDE, 60 MIL TPO WALK PAD PROTECTION. SEE SPECIFICATIONS. FINAL LAYOUT MAY VARY SLIGHTLY PER FINAL RTU LOCATIONS IN FIELD.
- EXISTING THRU-WALL ROOF SCUPPER SYSTEM TO BE REMOVED & REPLACE W/ NEW THRU-WALL ROOF SCUPPER SYSTEM TO MATCH EXISTING. PROVIDE ALL REQUIRED COMPONENTS FOR A COMPLETE WEATHERTIGHT SCUPPER SYSTEM FLASHED INTO NEW CONDUCTOR HEADS AND NEW ROOF SYSTEM. INSTALL PER ROOFING MANUFACTURER'S DETAILS. PROVIDE POSITIVE DRAINAGE FROM ROOF TO SCUPPER LOCATION.
- APPROXIMATE LOCATION OF EXISTING HF ANTENNA TO BE REMOVED AND REINSTALLED BY OWNER IN COORDINATION WITH NEW RE-ROOF WORK. FIELD VERIFY LOCATION. COORDINATE W/ OWNER'S REPRESENTATIVE AND/OR EQUIPMENT VENDOR @ BID ALTERNATE #01.
- APPROXIMATE LOCATION OF EXISTING ROOF TOP MECHANICAL EQUIPMENT TO BE REPLACED @ ALTERNATE #02; SEE MECHANICAL DRAWINGS & SPECIFICATIONS. SEE DETAIL: 1/A-152
- APPROXIMATE LOCATION OF EXISTING ROOF TOP VENT, FLUE OR PIPE PENETRATION TO REMAIN (PROTECT). PROVIDE NEW MANUFACTURER'S RECOMMENDED TPO MOLDED BOOT TRANSITIONS. TYPICAL. @ BID ALTERNATE #01; SEE MECHANICAL DRAWINGS & SPECIFICATIONS ALSO.
- APPROXIMATE LOCATION OF EXISTING ROOF TOP HVAC UNIT/CURB TO REMAIN (PROTECT). PROVIDE A NEW DIVERTER CRICKET AS PART OF THE RE-ROOF PROJECT @ BID ALTERNATE #02; SEE MECHANICAL DRAWINGS & SPECIFICATIONS FOR ADDITIONAL WORK & INFORMATION. NEW GAS PIPING & RECONNECTION WILL STILL BE REQUIRED FOR EXISTING HVAC UNIT AS PART OF RE-ROOF PROJECT AND SHALL BE PART OF THIS SCOPE OF WORK.
- APPROXIMATE LOCATION OF EXISTING ABANDONED/CAPPED RTU CURB TO BE REMOVED AND ROOFED OVER AS PART OF THE RE-ROOF PROJECT @ BID ALTERNATE #02. PROVIDE ADDITIONAL METAL OR TECTUM ROOF DECKING INFILL SUPPORT AT EXISTING DECK UNDER NEW ROOFING FOR SUPPORT AT EXISTING PENETRATION.
- APPROXIMATE LOCATION OF GAS PIPING TO BE REMOVED & REPLACED AS PART OF THE RE-ROOF PROJECT @ BID ALTERNATE #02; SEE MEP DRAWINGS.

BID ALTERNATE SCHEDULE

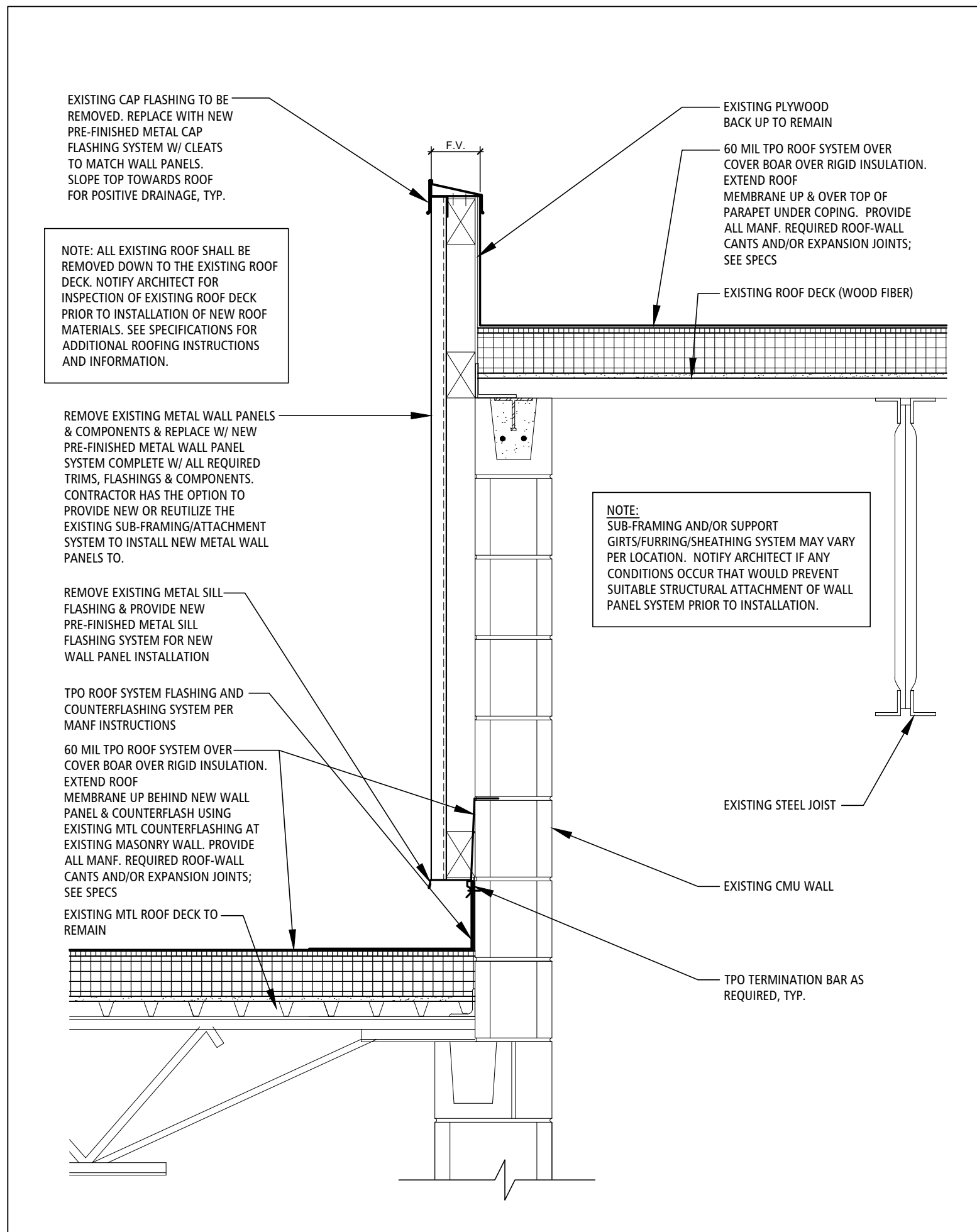
BID ALTERNATE #01
(EXISTING BUILDING ROOF TEAR OFF AND REPLACEMENT):
PROVIDE AN ITEMIZED ADDITIVE PRICE TO REMOVE THE EXISTING BUILDING ROOFING SYSTEM DOWN TO THE EXISTING ROOF DECK, INCLUDING REMOVAL OF ALL ROOF MEMBRANES, COVER BOARD, INSULATION, ALL EXISTING SHEET METAL WALL PANELS, CAP FLASHINGS, TRIMS, FLASHINGS, SCUPPERS, CONDUCTOR HEADS, DOWNSPOUTS AND DOWNSPOUT DRAIN LEADER TRANSITIONS. PROVIDE A NEW 60 MIL FULLY ADHERED TPO ROOF REPLACEMENT SYSTEM INCLUDING NEW R-30 MIN. ROOF INSULATION, TAPERED INSULATION CRICKETS, ROOF COVER BOARD, WALK PADS, PRE-FINISHED METAL CAP FLASHINGS, TRIMS, FLASHINGS, COUNTERFLASHINGS, GUTTERS, DOWNSPOUT DRAIN LEADER TRANSITIONS, SCUPPERS AND CONDUCTOR HEADS. PROVIDE ALL REQUIRED COMPONENTS AND SYSTEMS NEEDED FOR A FULLY FUNCTIONING ROOF REPLACEMENT PROJECT PER THE DESIGN INTENT ON THE CONTRACT DOCUMENTS. PROVIDE ALL NEW PRE-FINISHED METAL WALL PANEL SYSTEMS FOR THE ENTIRE EXISTING BUILDING, INCLUDING ALL REQUIRED TRIMS, FLASHINGS & COMPONENTS REQUIRED FOR A FULL WALL PANEL REPLACEMENT PROJECT. WORK INCLUDES ALL REQUIRED DEMOLITION PER THE DESIGN INTENT ON THE CONTRACT DOCUMENTS. CONTRACTOR MAY UTILIZE EXISTING METAL WALL PANEL SUB-FRAMING, FURRING OR OTHER ATTACHMENT SYSTEM OR PROVIDE NEW SUB-FRAMING AS REQUIRED. SEE PLANS & SPECIFICATIONS FOR ADDITIONAL INFORMATION.

BID ALTERNATE #02
(EXISTING BUILDING ROOFTOP MECHANICAL EQUIPMENT REMOVAL AND REPLACEMENT):
PROVIDE AN ITEMIZED ADDITIVE PRICE TO REMOVE THE EXISTING BUILDING ROOFTOP MECHANICAL EQUIPMENT AND ASSOCIATED COMPONENTS AND REPLACE WITH NEW ROOFTOP MECHANICAL EQUIPMENT AS DESCRIBED ON THE CONTRACT DOCUMENTS. PROVIDE ALL REQUIRED COMPONENTS AND SYSTEMS NEEDED FOR A FULLY FUNCTIONING MECHANICAL EQUIPMENT REPLACEMENT PROJECT PER THE DESIGN INTENT ON THE CONTRACT DOCUMENTS, INCLUDING BUT NOT LIMITED TO ROOFTOP DEMOLITION, NEW GAS PIPING, ELECTRICAL WORK AND NEW ROOF CURBS OR CURB ADAPTORS. SEE PLANS & SPECIFICATIONS FOR ADDITIONAL INFORMATION.

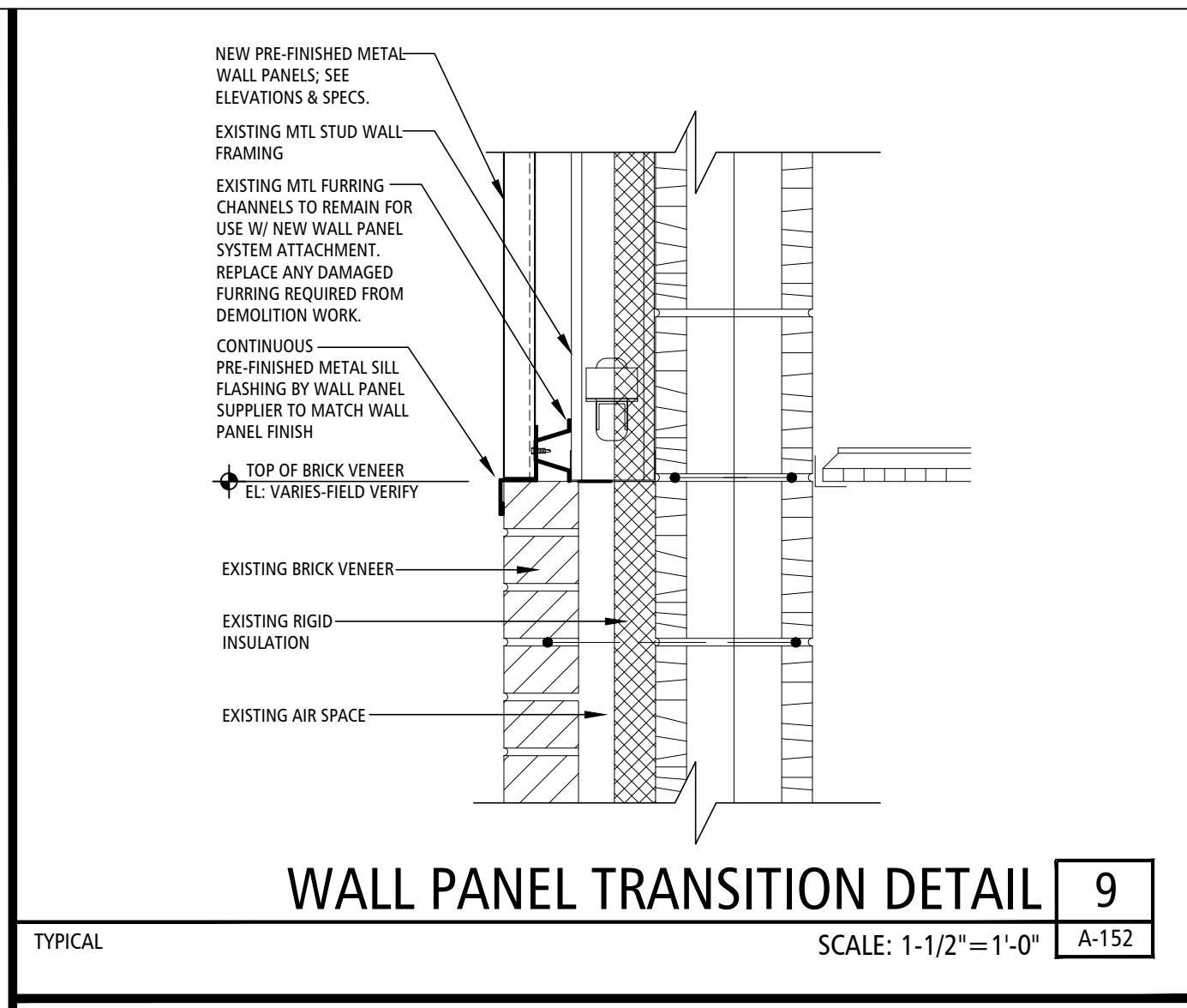


NOTE: ALL NEW ROOFING, WALL PANEL REPLACEMENT, AND SHEET METAL WORK ASSOCIATED WITH THE EXISTING BUILDING ROOF REPLACEMENT SHALL BE PART OF BID ALTERNATE #01. ALL EXISTING BUILDING ROOFTOP MECHANICAL EQUIPMENT REPLACEMENT SHALL BE PART OF BID ALTERNATE #02.

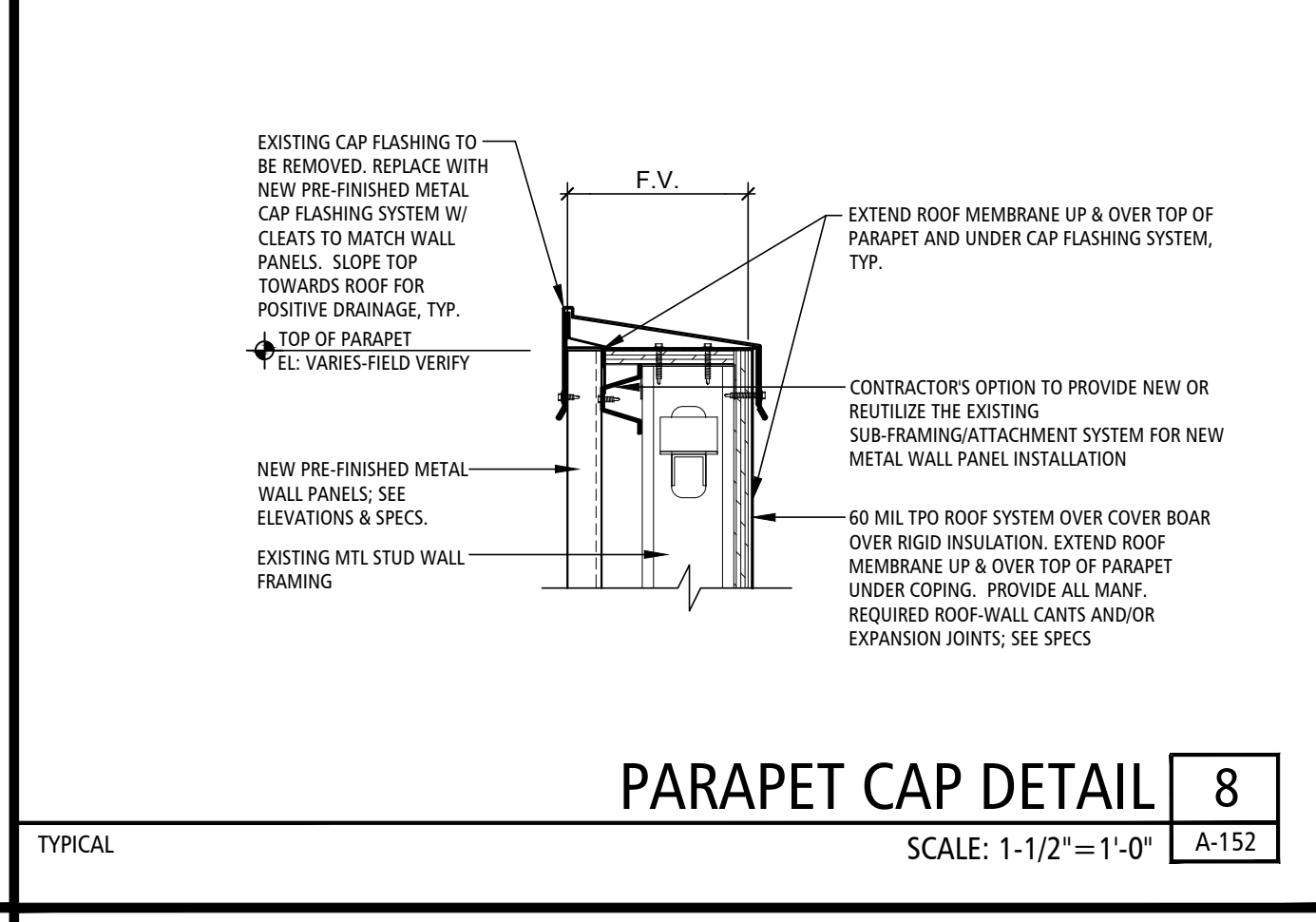
NOTE: REFER TO SHEET A-150 FOR PARTIAL NEW BUILDING ADDITION ROOF PLAN SOUTH OF EXISTING BUILDING.



HIGH ROOF-TO-WALL SECTION 11
 TYPICAL SCALE: 1"=1'-0" A-152



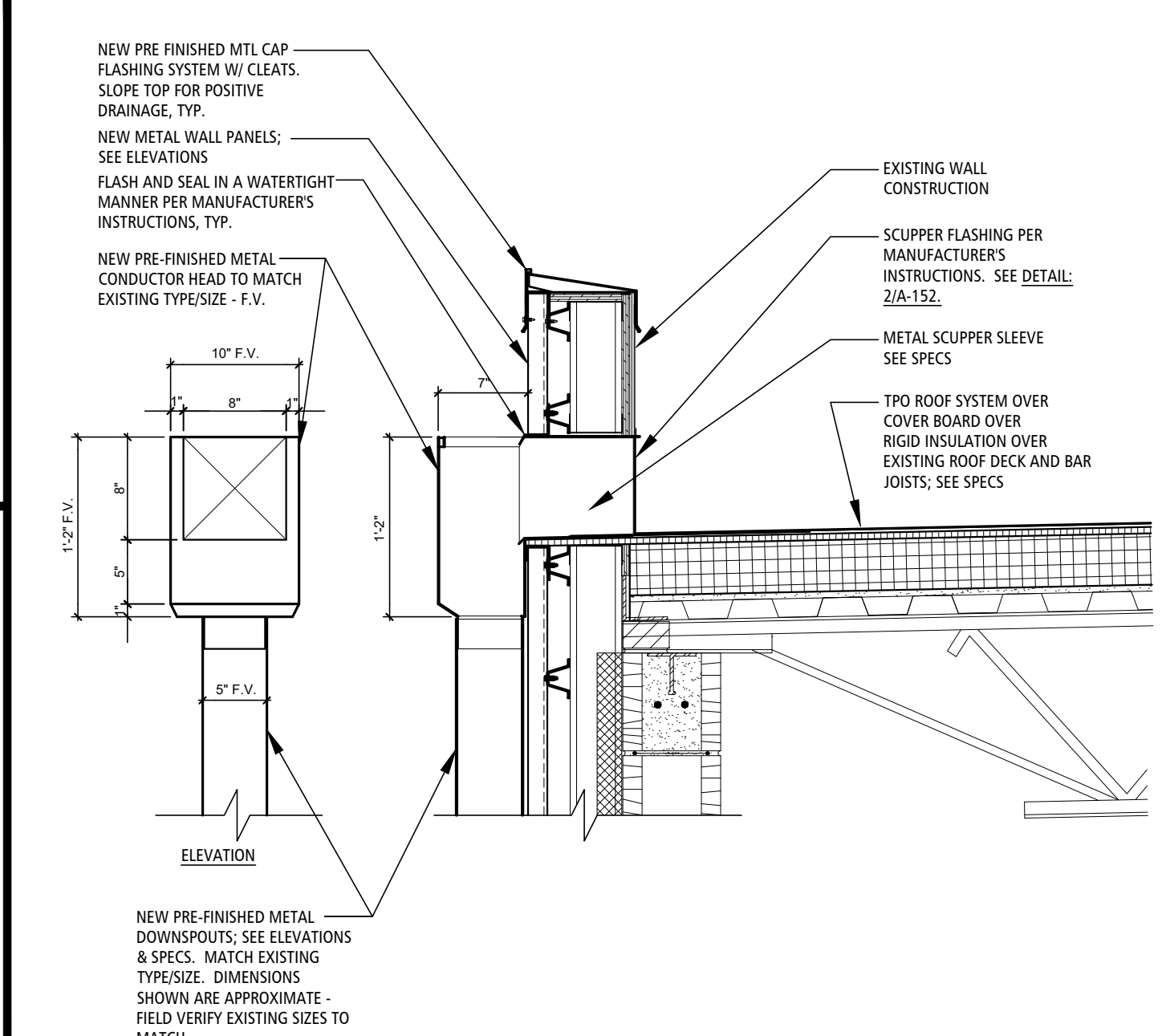
WALL PANEL TRANSITION DETAIL 9
 TYPICAL SCALE: 1-1/2"=1'-0" A-152



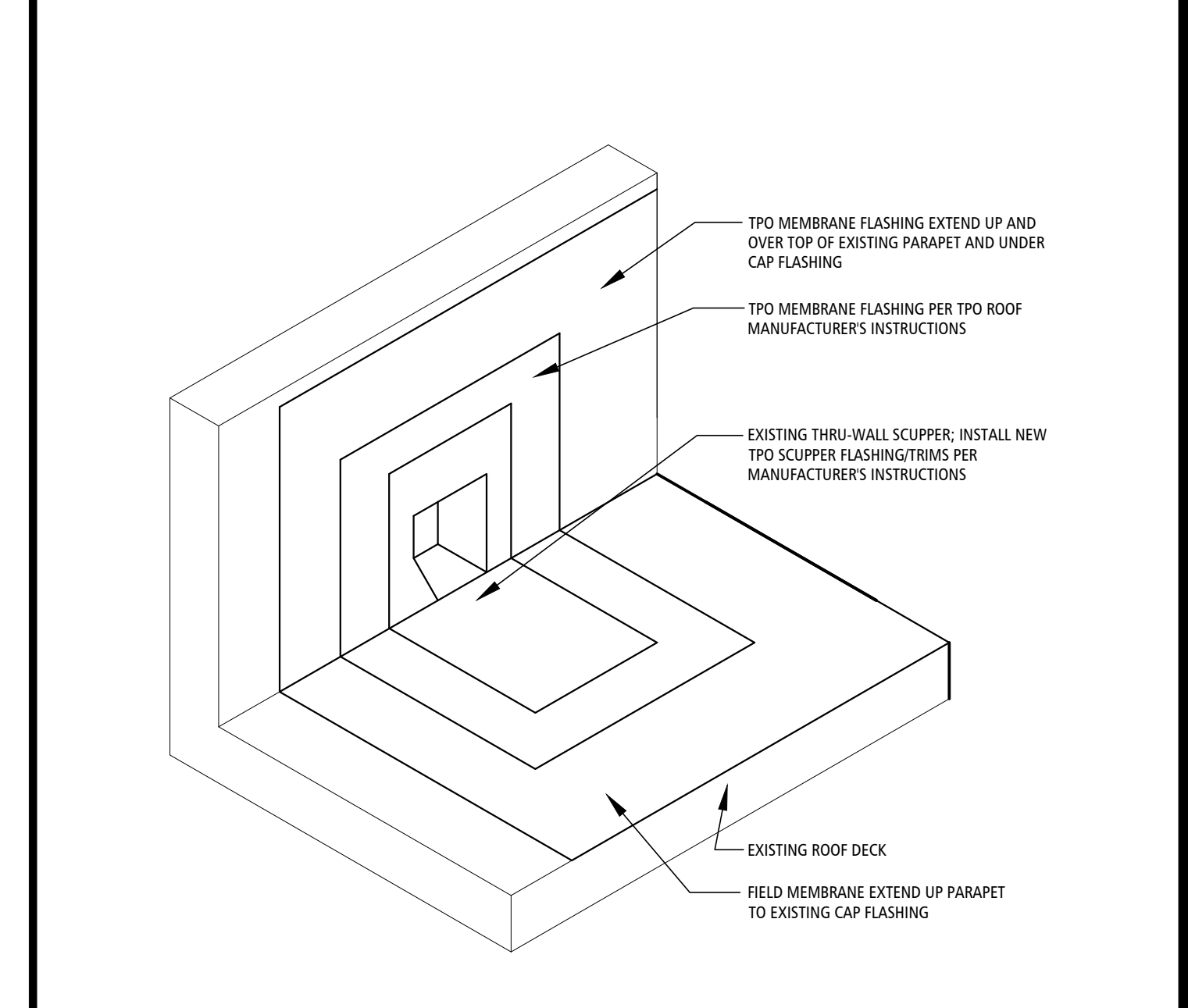
PARAPET CAP DETAIL 8
 TYPICAL SCALE: 1-1/2"=1'-0" A-152

NOT USED 6
 NOT TO SCALE A-152

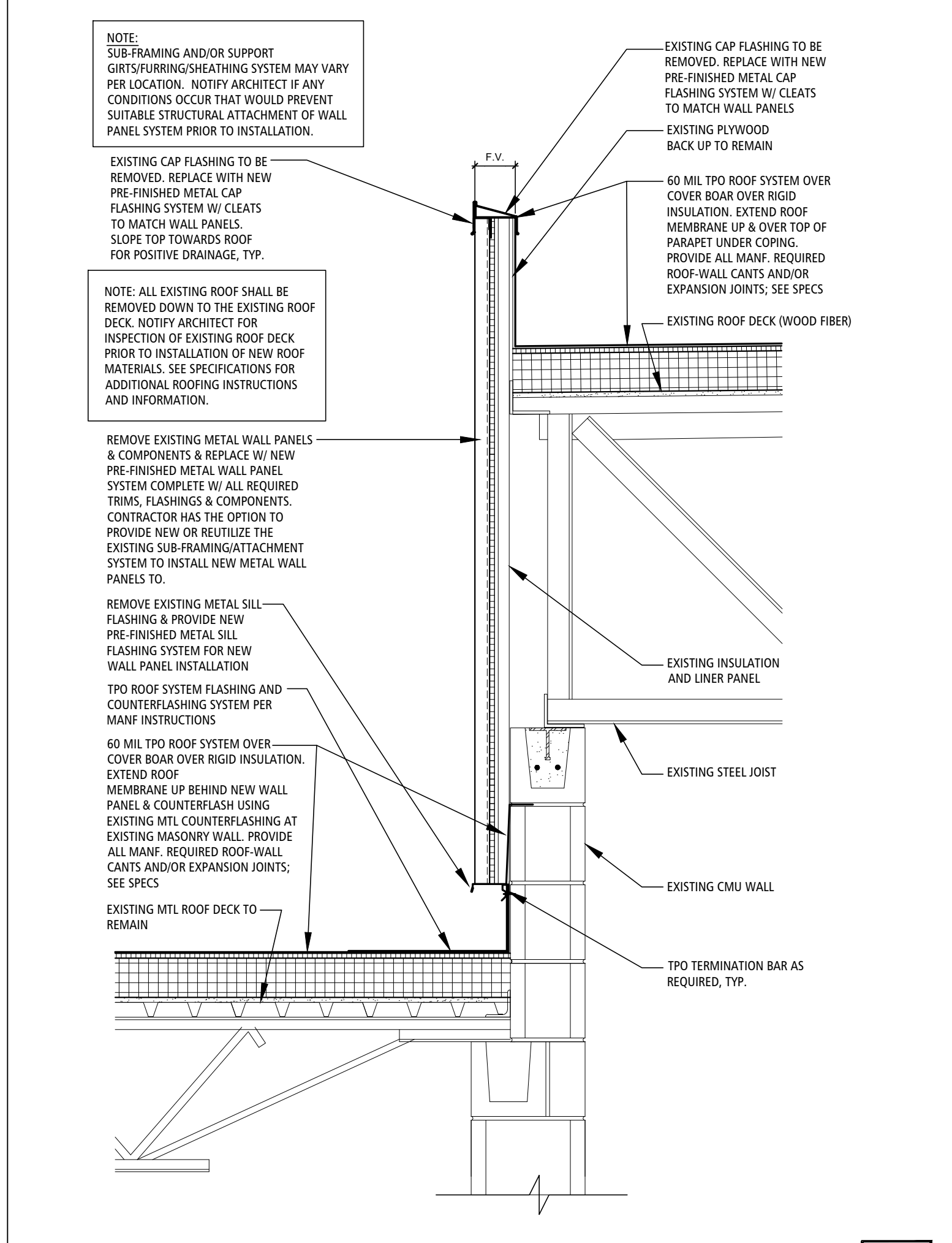
NOT USED 3
 SCALE: 1"=1'-0" A-152



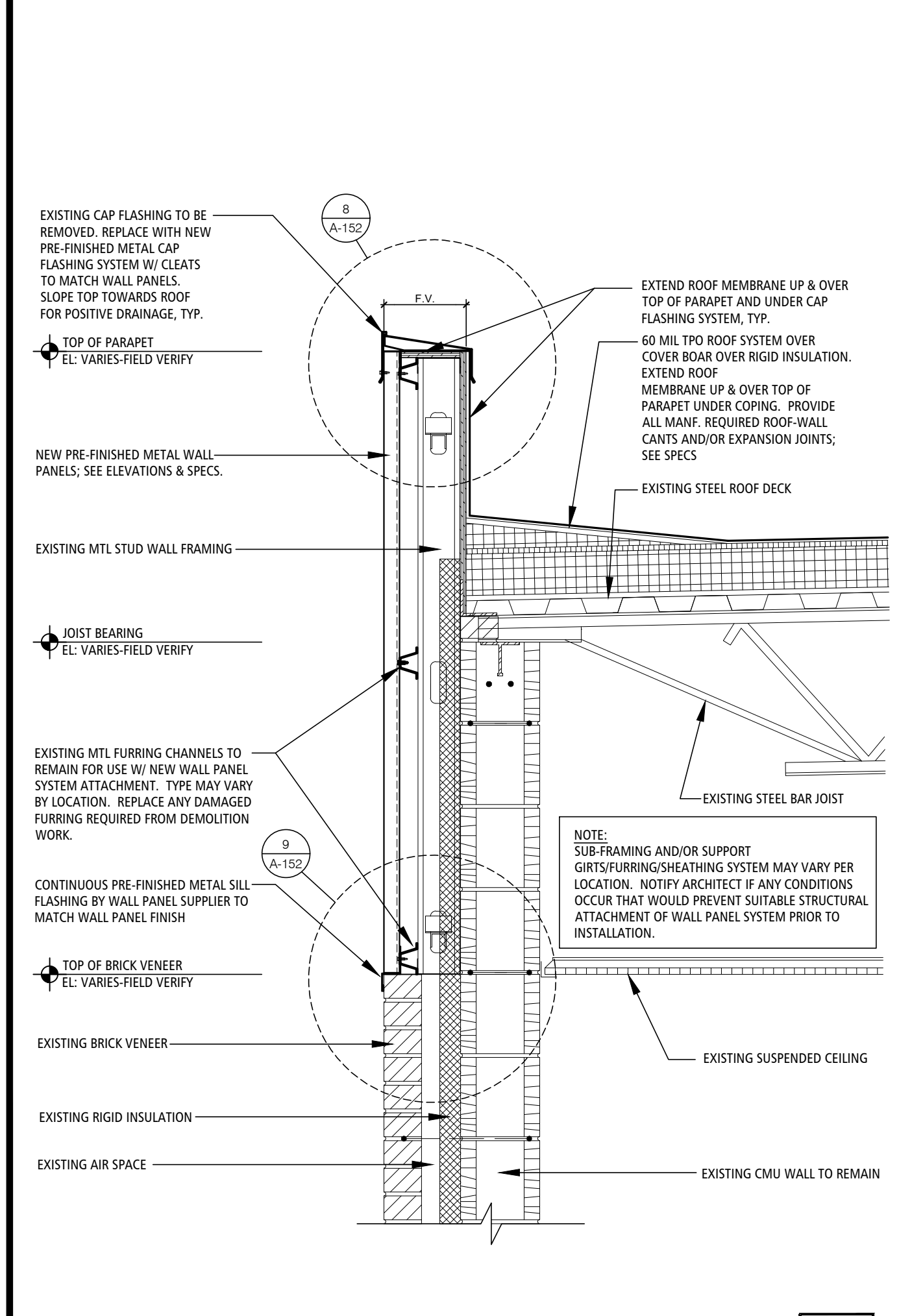
THRU-WALL SCUPPER SECTION 5
 TYPICAL SCALE: 1"=1'-0" A-152



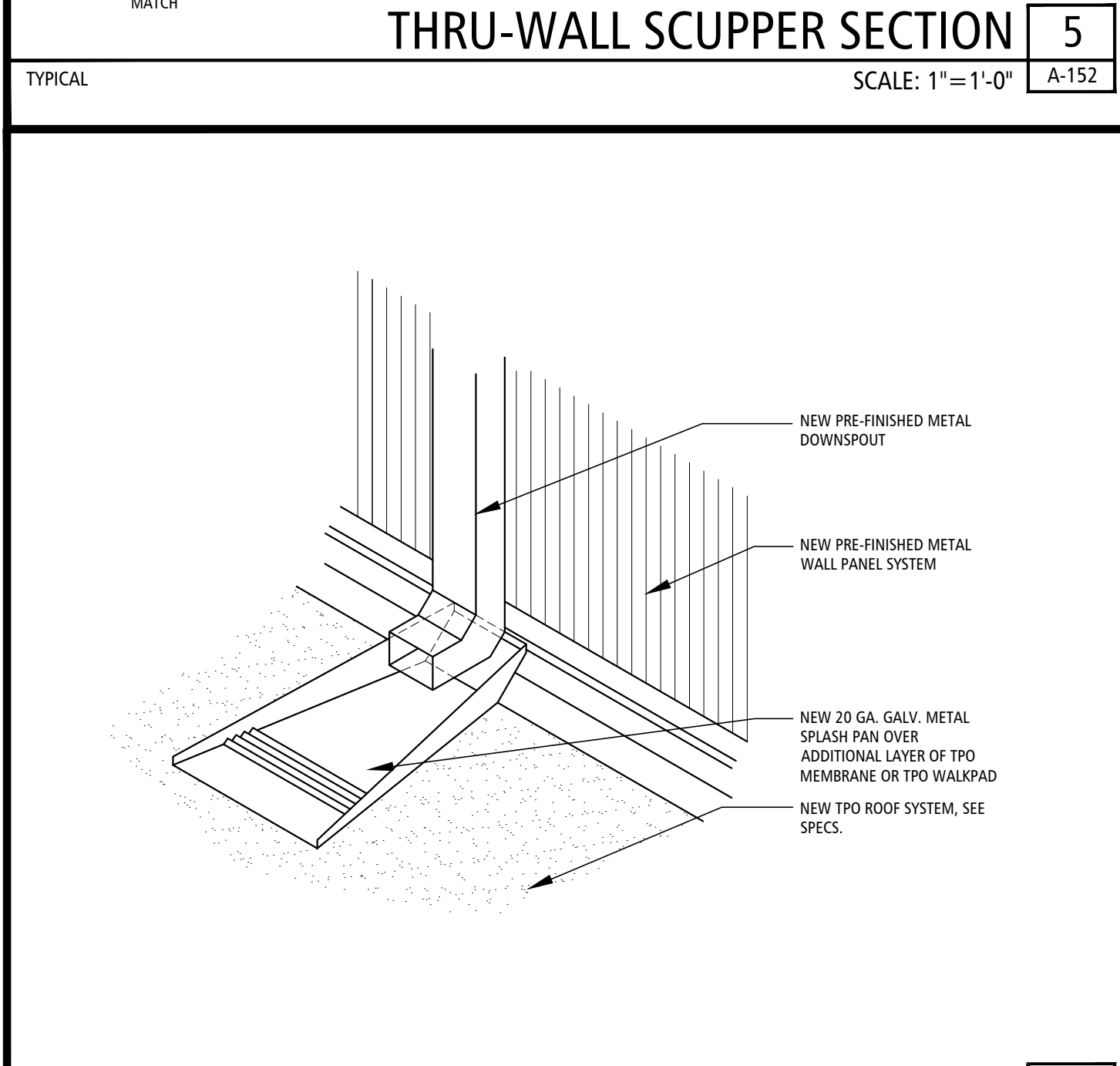
THRU-WALL SCUPPER DETAIL 2
 TYPICAL NOT TO SCALE A-152



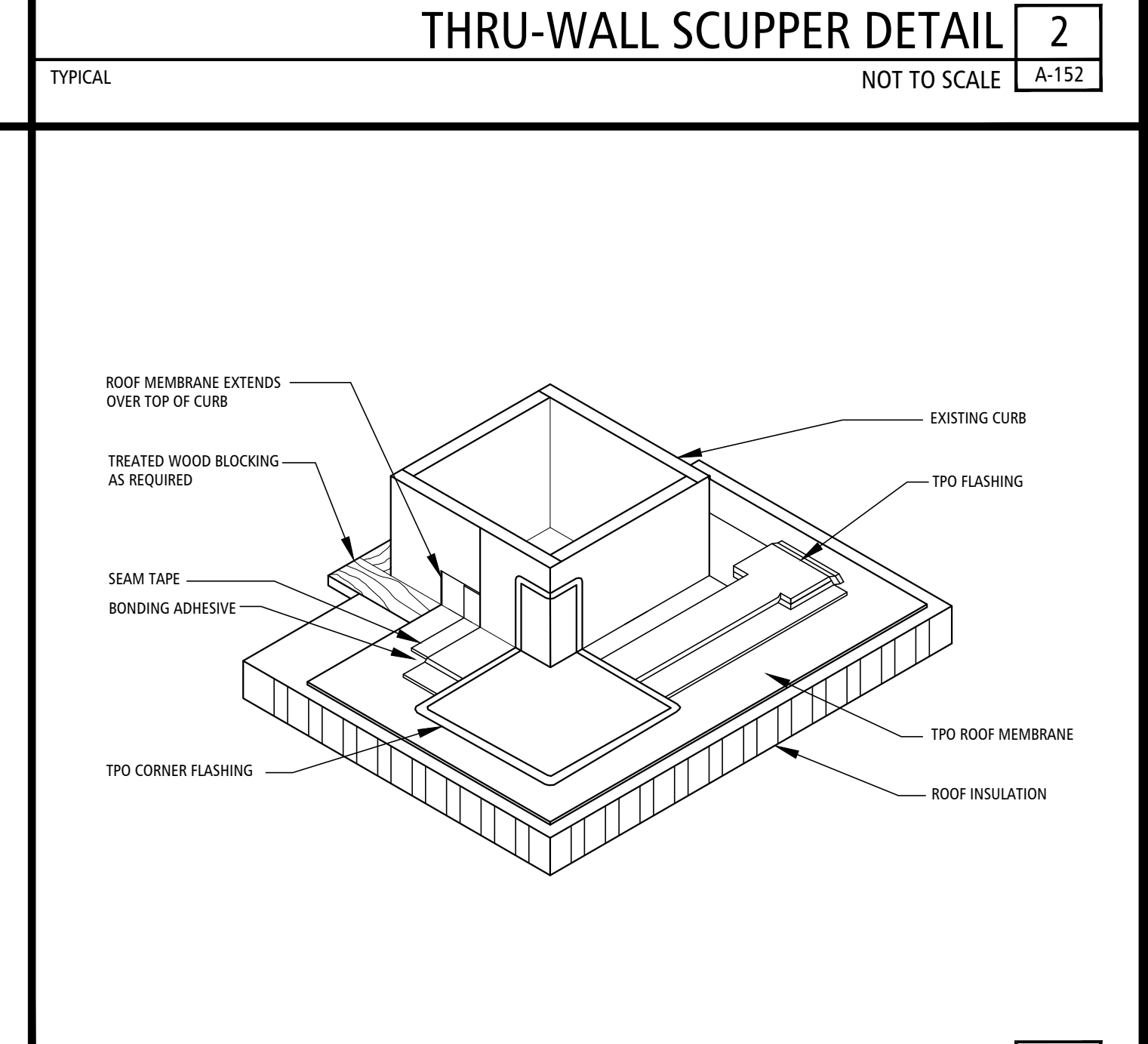
HIGH ROOF-TO-WALL SECTION 10
 TYPICAL SCALE: 1"=1'-0" A-152



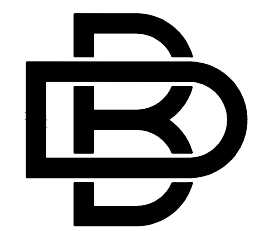
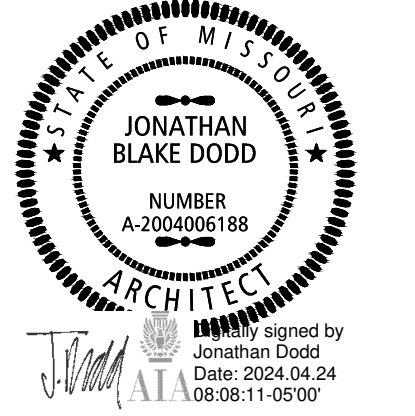
WALL PANEL REPLACEMENT SECTION 7
 TYPICAL SCALE: 1"=1'-0" A-152



SPLASHPAN DETAIL 4
 TYPICAL NOT TO SCALE A-152



CURB FLASHING DETAIL 1
 TYPICAL NOT TO SCALE A-152



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 DESIGN COLLECTIVE
 3100 S. NATIONAL AVENUE, SUITE 300
 SPRINGFIELD, MO 65807
 PHONE: 417.890.5563 FAX: 417.890.5563
 MISSOURI CERTIFICATE OF AUTHORITY NO. A-200607284

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CONSTRUCT ADDITION
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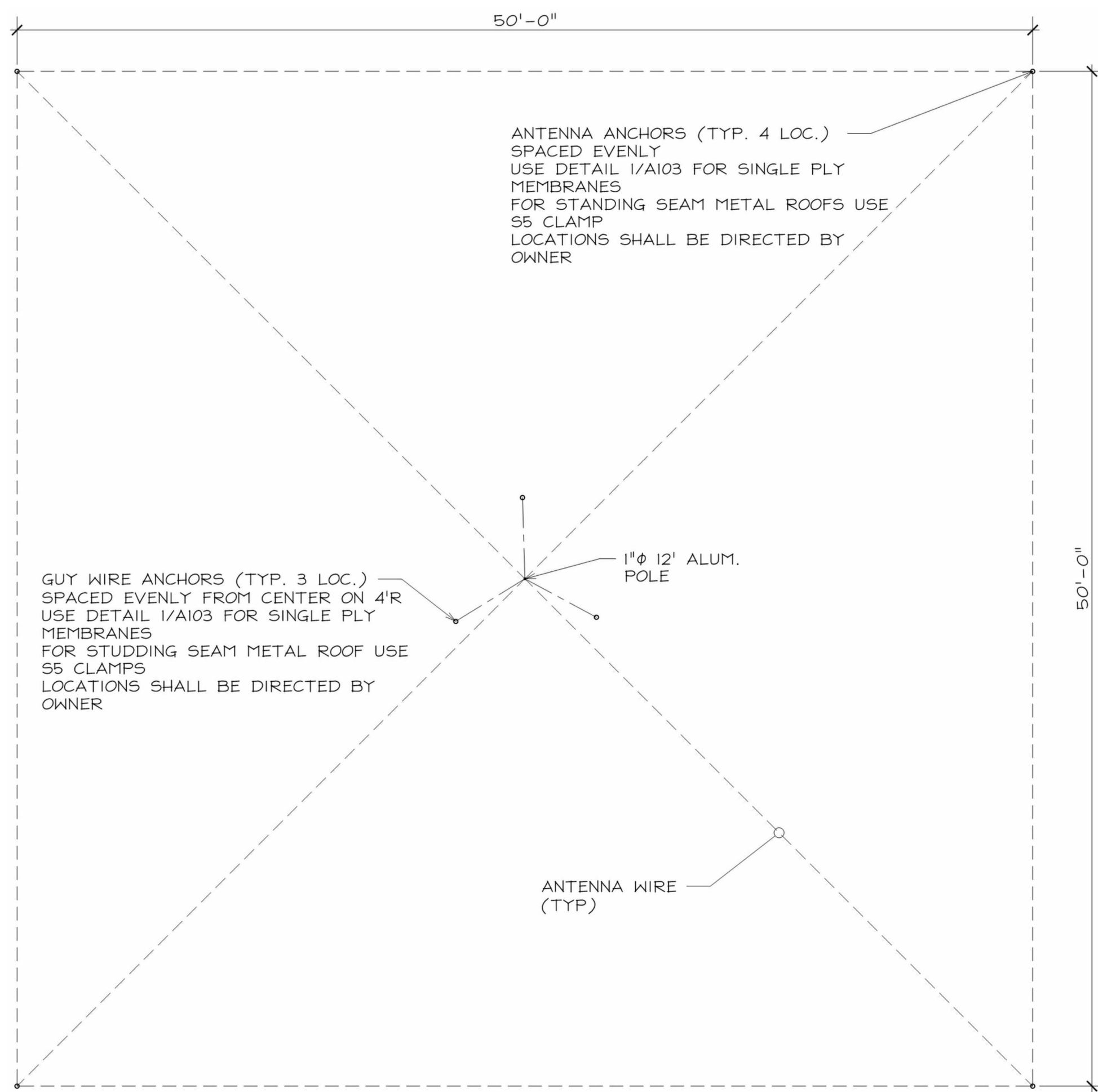
PROJECT # T2333-01
 SITE # 6276
 FACILITY # 8136276002

REVISION: _____
 DATE: _____
 REVISION: _____
 DATE: _____
 REVISION: _____
 DATE: _____
 ISSUE DATE: 04/24/2024

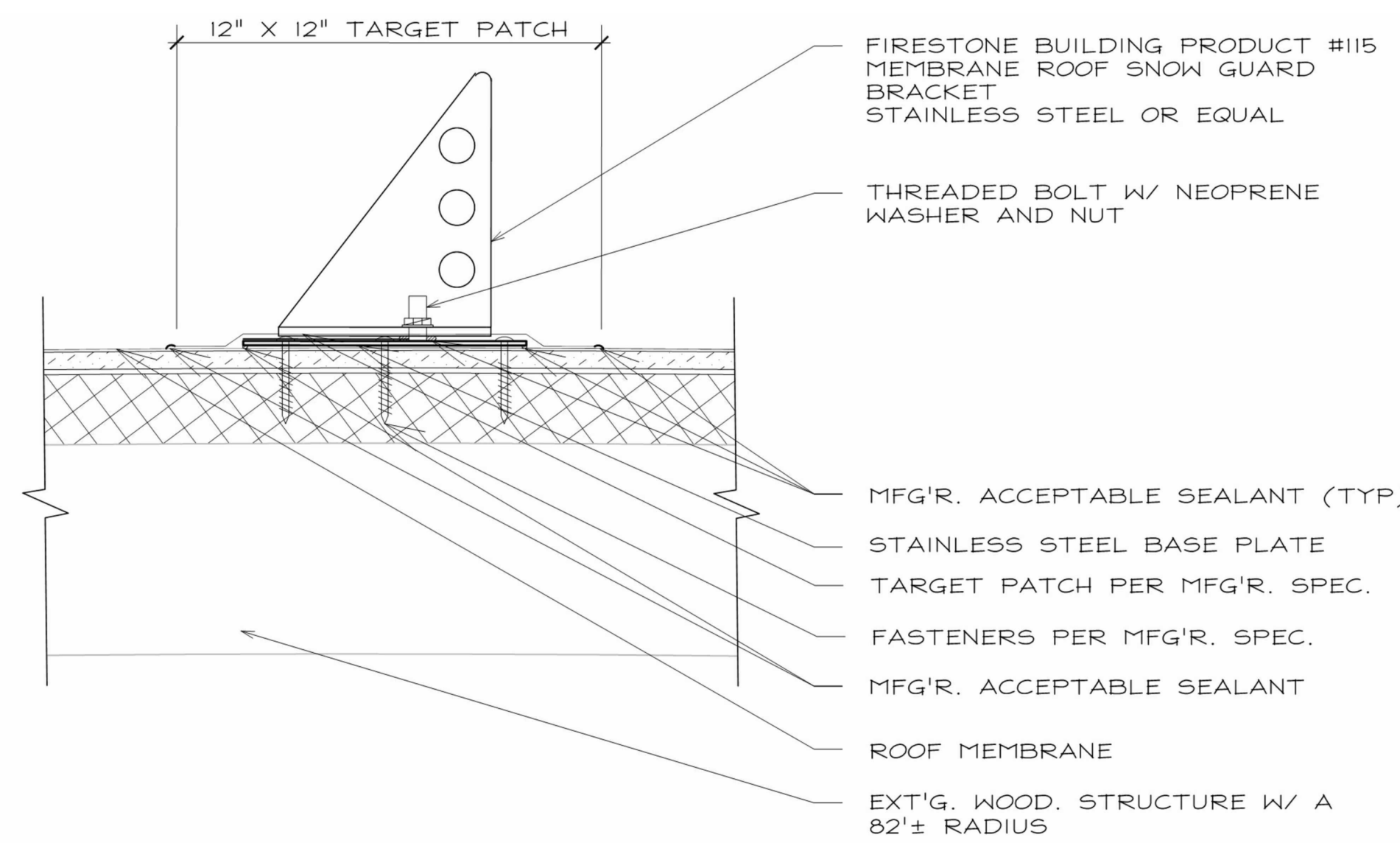
CAD DWG FILE: A-150
 DRAWN BY: JD
 CHECKED BY: JD
 DESIGNED BY: JD

SHEET TITLE:
**RE-ROOF
 SECTIONS &
 DETAILS**
 (BID ALTERNATE #01)

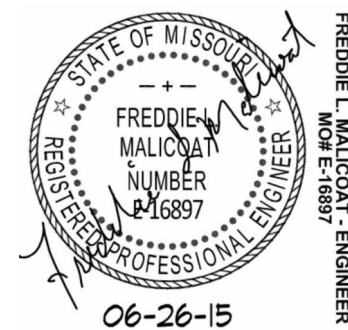
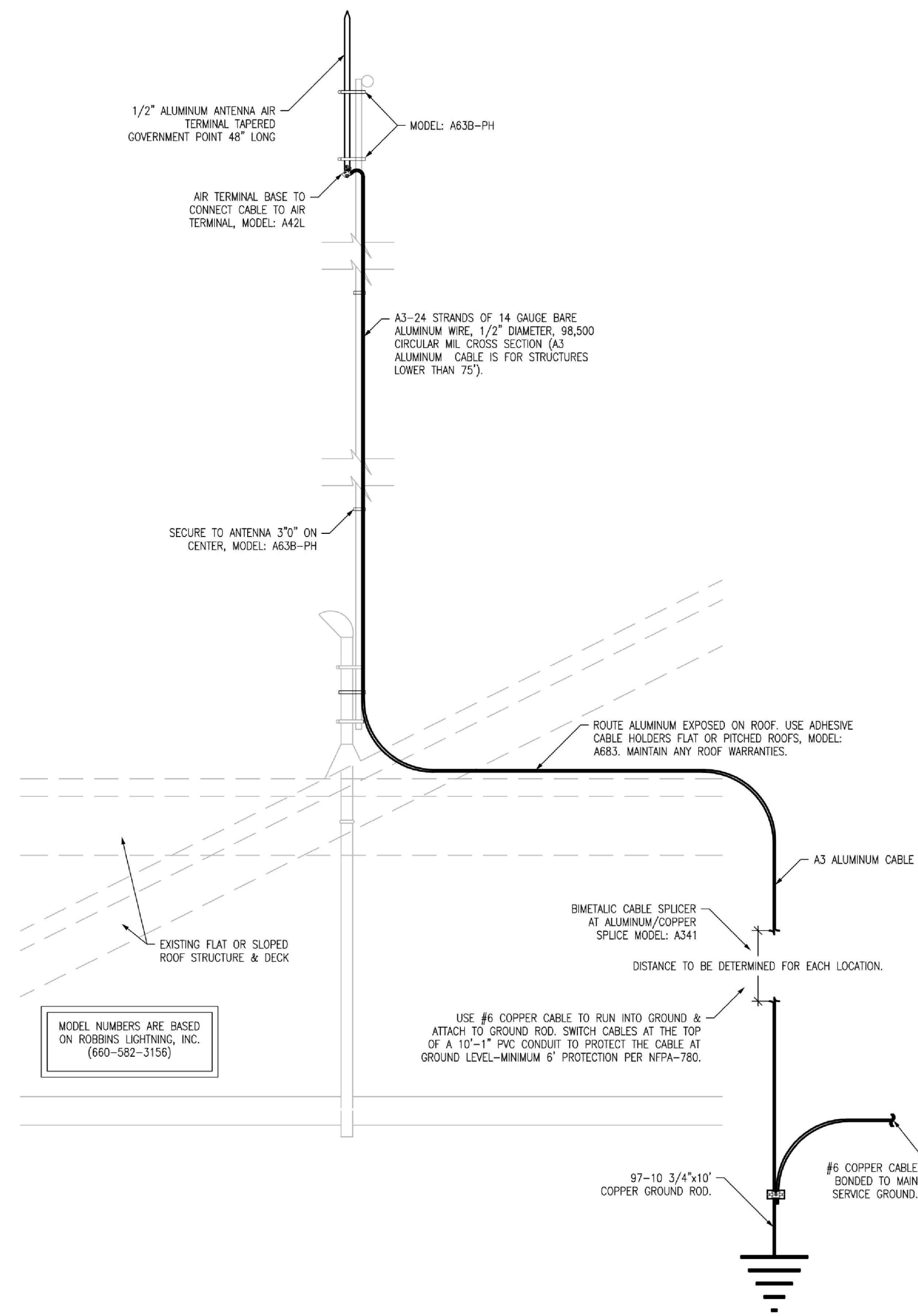
SHEET NUMBER:
A-152
 18 OF 37 SHEETS
 04/24/2024



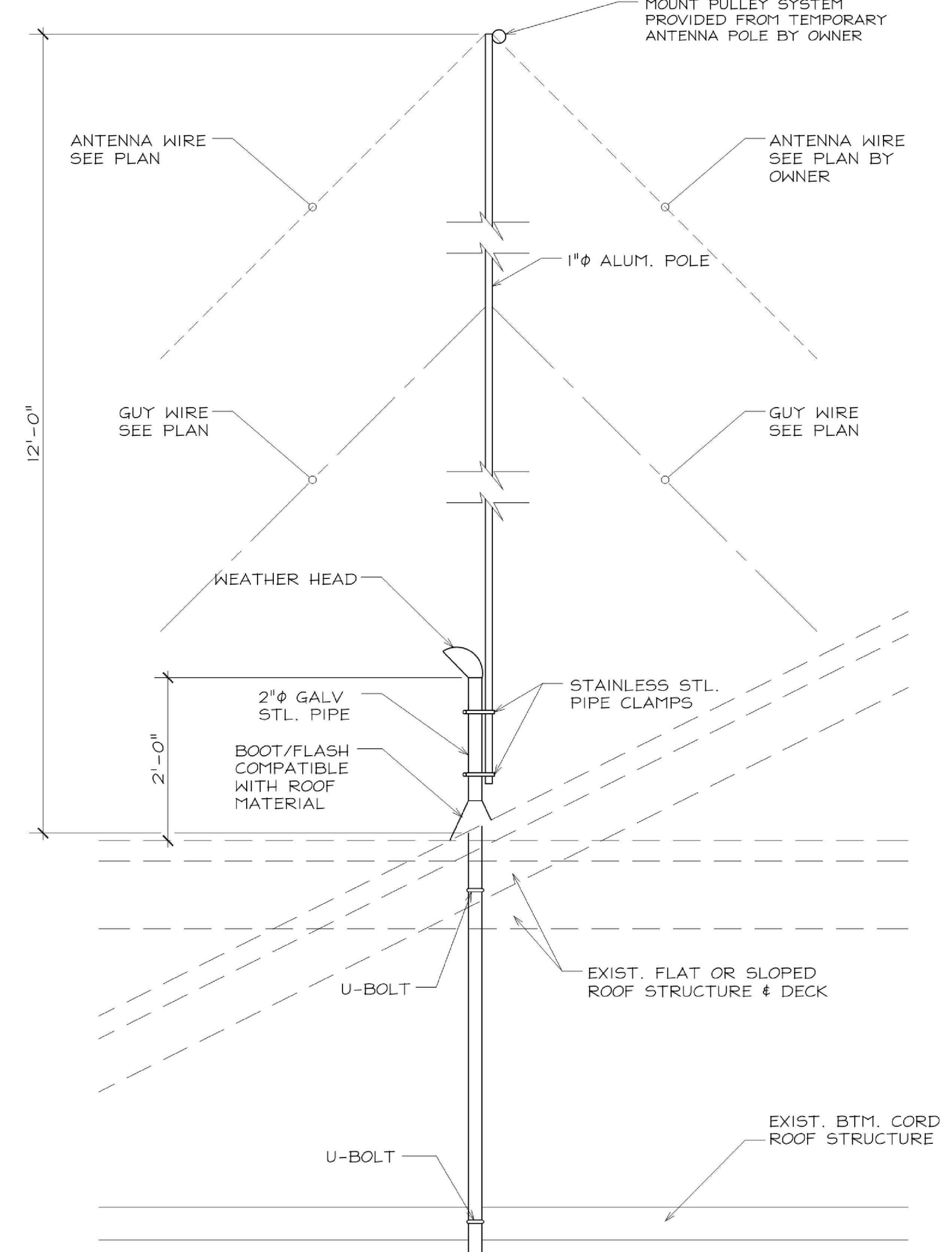
GENERIC ANTENNA MOUNTING PLAN 4
SCALE: 3/16"=1'-0" A-153



ANTENNA MOUNTING BRACKET DETAIL 3
SCALE: 3"=1'-0" A-153



GENERIC ANTENNA MOUNTING DETAIL 2
SCALE: 3/4"=1'-0" A-153

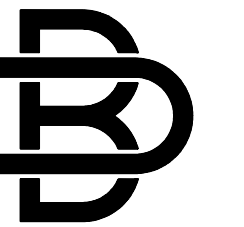
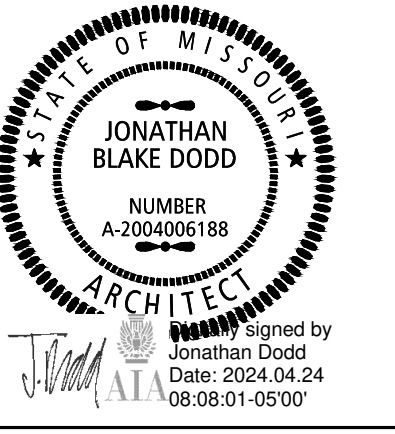


GENERIC ANTENNA MOUNTING DETAIL 1
SCALE: 3/4"=1'-0" A-153

ANTENNA NOTES

1. OWNERS ROOF MOUNTED ANTENNA DETAILS SHOWN FOR REFERENCE/COORDINATION
INFORMATION ONLY. THE OWNER WILL REMOVE THE ANTENNA FOR RE-ROOF WORK AND
REINSTALL THE ANTENNA IN COORDINATION WITH RE-ROOF WORK. CONTRACTOR SHALL
COORDINATE WITH THE OWNER FOR ANTENNA WORK REQUIRED AND PROPER
SEQUENCING WITH THEIR WORK.

STATE OF MISSOURI
MICHAEL L. PARSON,
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BUXTON KUBIK DODD
DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
PHONE: 417.890.5583 FAX: 417.890.5583
MISSOURI CERTIFICATE OF AUTHORITY NO. A-2006007284

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FACILITY # 8136276002

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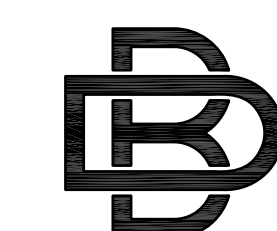
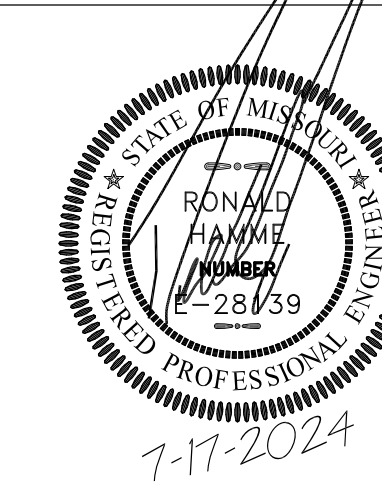
CAD DWG FILE: A-153
DRAWN BY: JD
CHECKED BY: JD
DESIGNED BY: JD

SHEET TITLE:
**OWNER RE-ROOF
ANTENNA
DETAILS**
(FOR REFERENCE - BID ALT #01)

SHEET NUMBER:

A-153

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04/24/2024



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DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
PHONE: 417.890.5543 FAX: 417.890.5563
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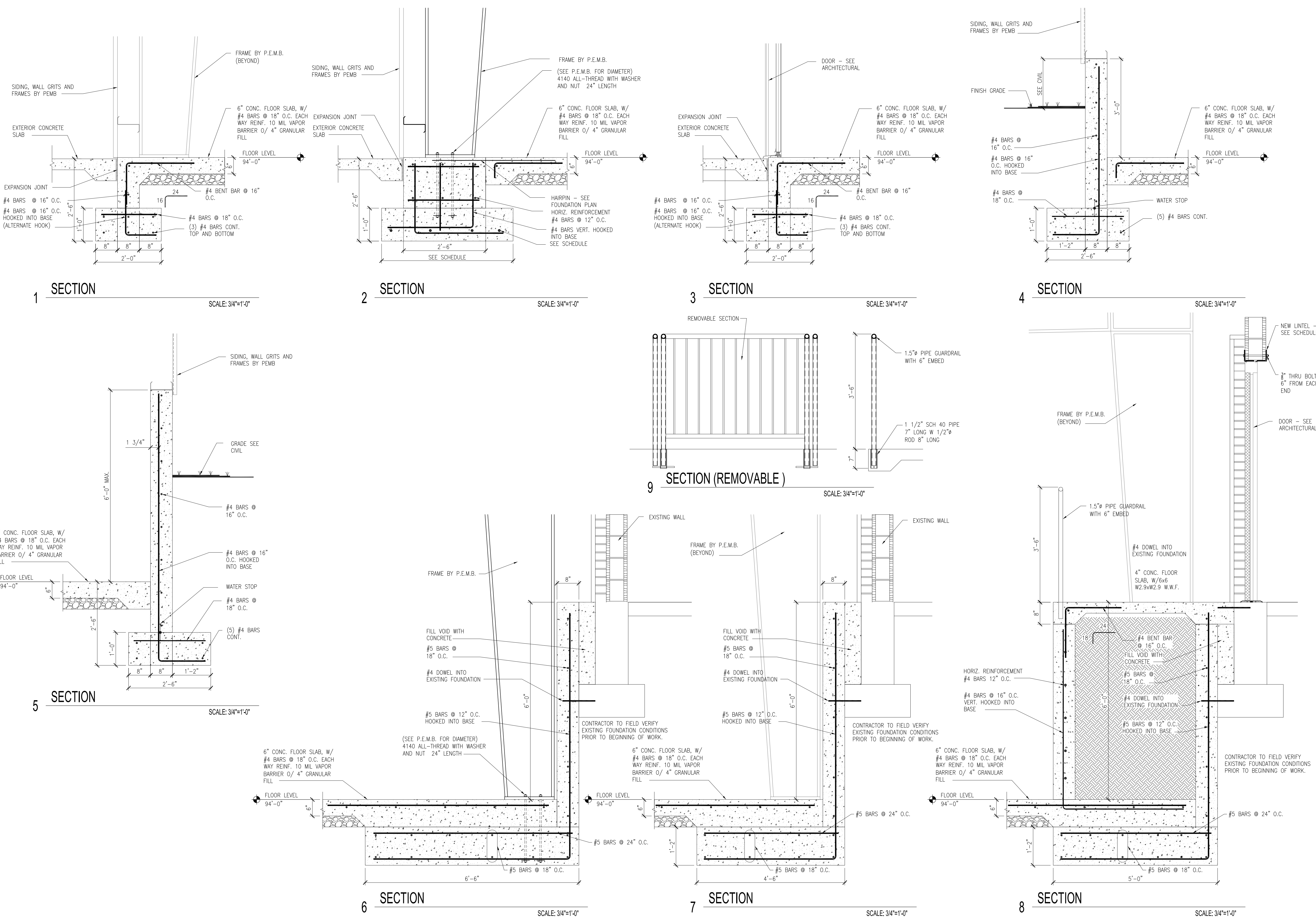
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DRAWN BY: TSF
CHECKED BY: RTH
DESIGNED BY: RTH

SHEET TITLE:
DETAILS

SHEET NUMBER:

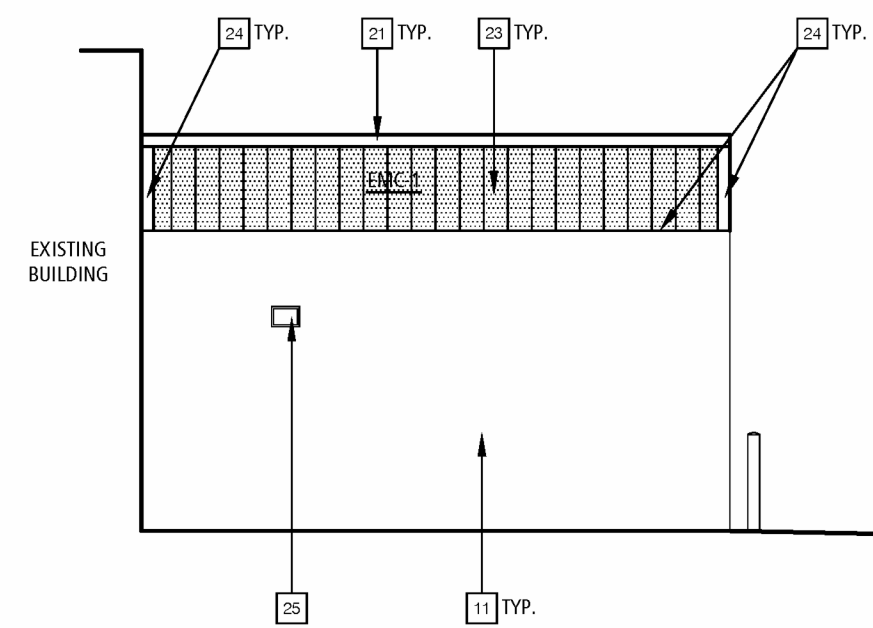
S-200

13 OF 37 SHEETS
04/24/2024



GENERAL ROOF PLAN NOTES

1. REFER TO EXTERIOR ELEVATION GENERAL NOTES & KEYNOTES ON SHEET A-200.

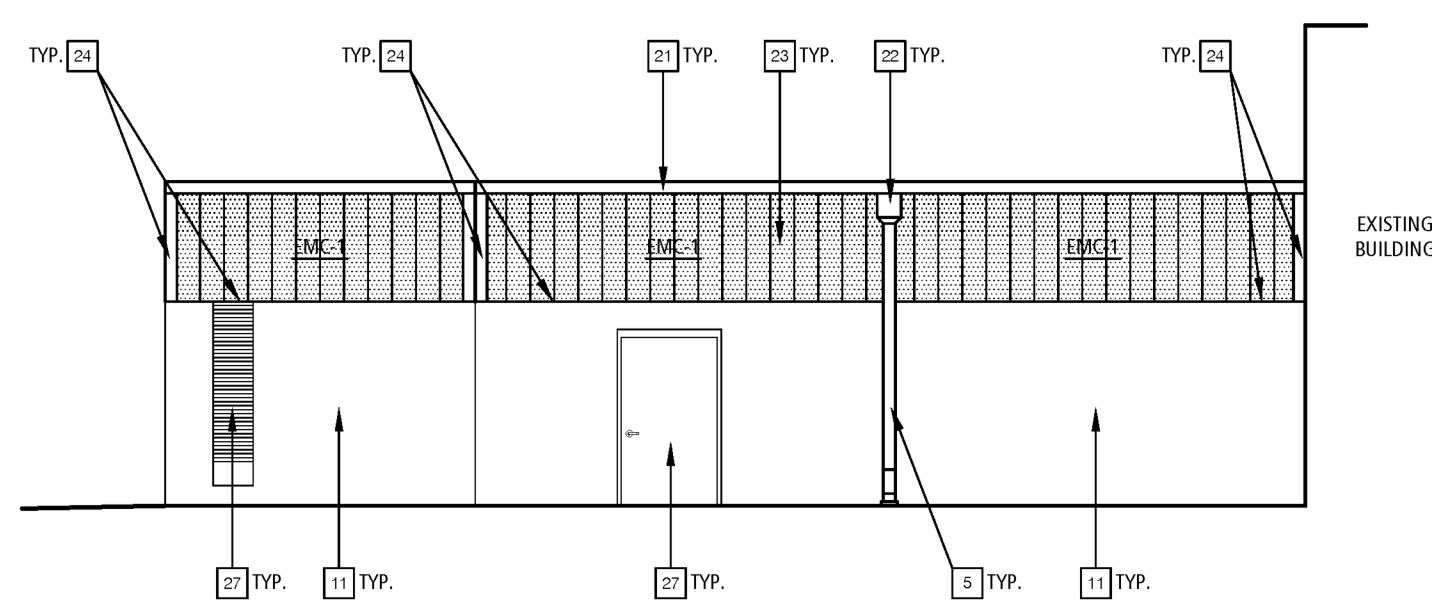


PARTIAL NORTH ELEVATION 4

BID ALTERNATE #01

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

A-201

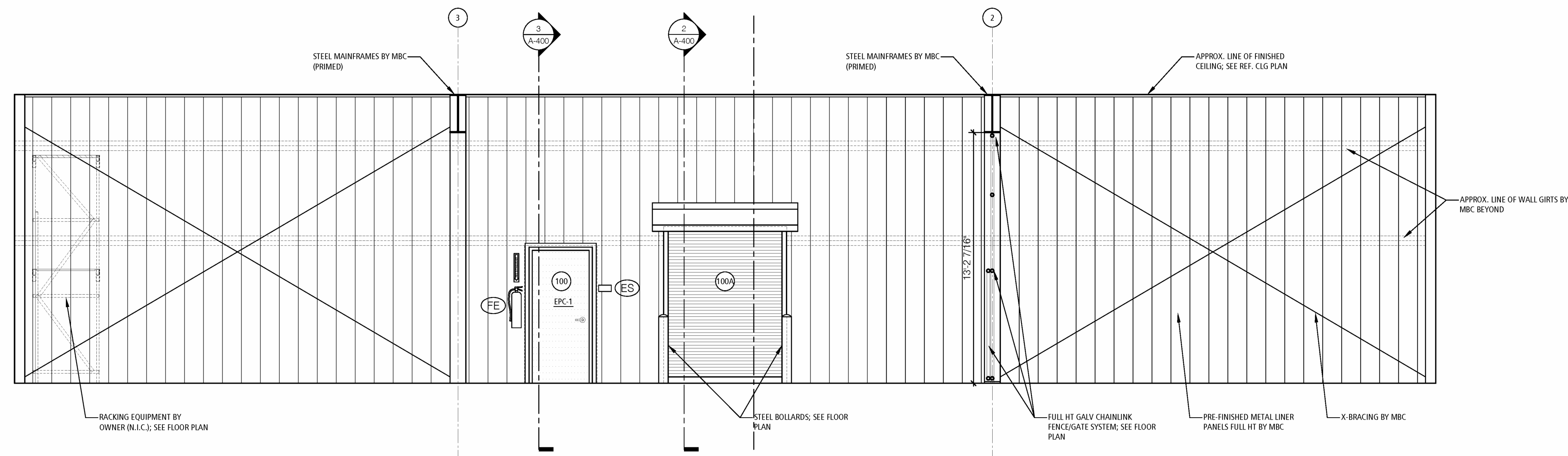


PARTIAL SOUTH ELEVATION 3

BID ALTERNATE #01

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

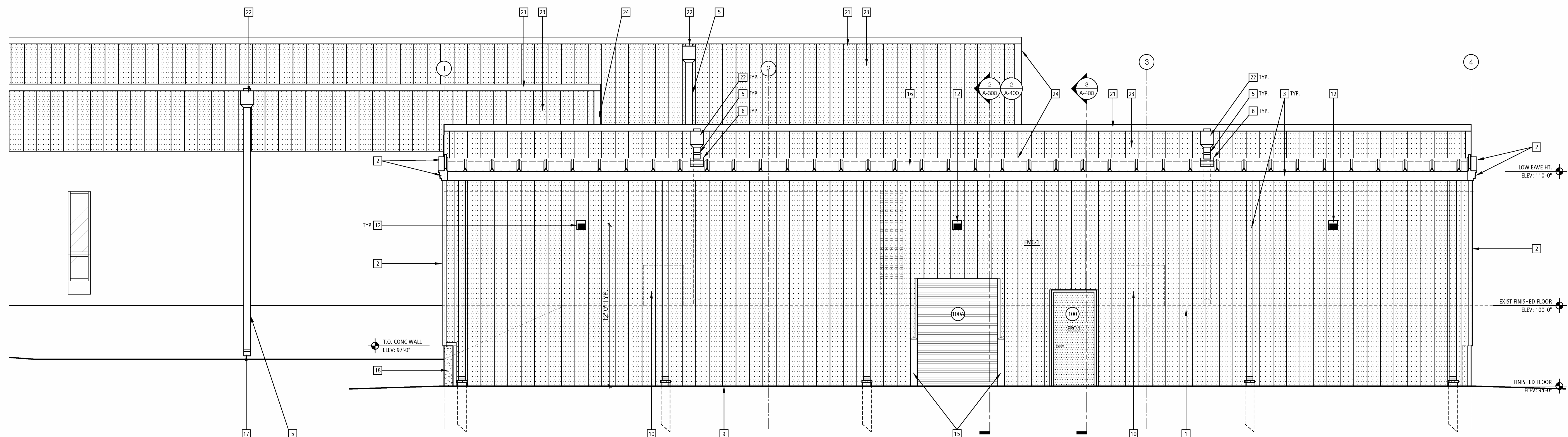
A-201



INTERIOR ELEVATION 2

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

A-201

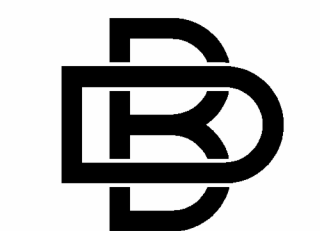
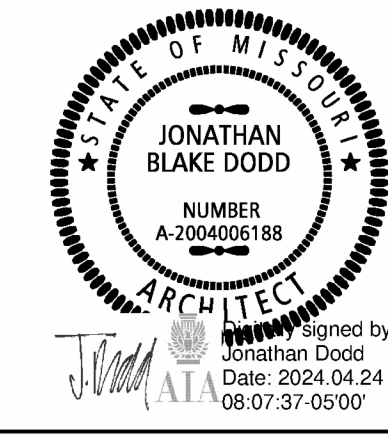


PARTIAL SOUTH ELEVATION - BUILDING ADDITION 1

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

A-201

STATE OF MISSOURI
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GOVERNOR



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DESIGN COLLECTIVE**
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
PHONE: 417.890.5543 FAX: 417.890.5563
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FACILITY # 8136276002

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DATE: _____
ISSUE DATE: 04/24/2024

CAD DWG FILE: A-201
DRAWN BY: JD
CHECKED BY: JD
DESIGNED BY: JD

SHEET TITLE:
PARTIAL
EXTERIOR
ELEVATIONS

SHEET NUMBER:

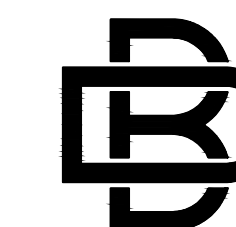
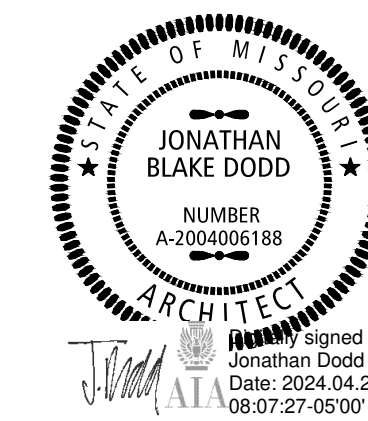
A-201

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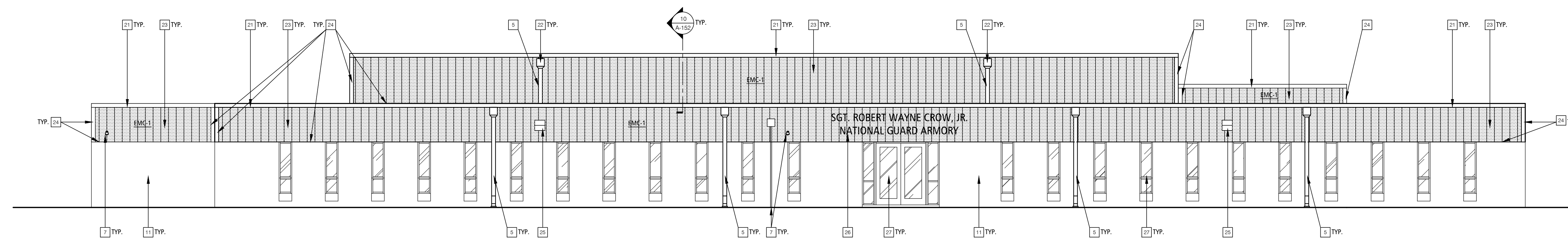
GENERAL ROOF PLAN NOTES

1. REFER TO EXTERIOR ELEVATION GENERAL NOTES & KEYNOTES ON SHEET A-200.

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BUXTON KUBIK DODD
DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
PHONE: 417.890.5543 FAX: 417.890.5563
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OVERALL NORTH ELEVATION 2

SCALE: 1/8" = 1'-0" A-202

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FACILITY # 8136276002

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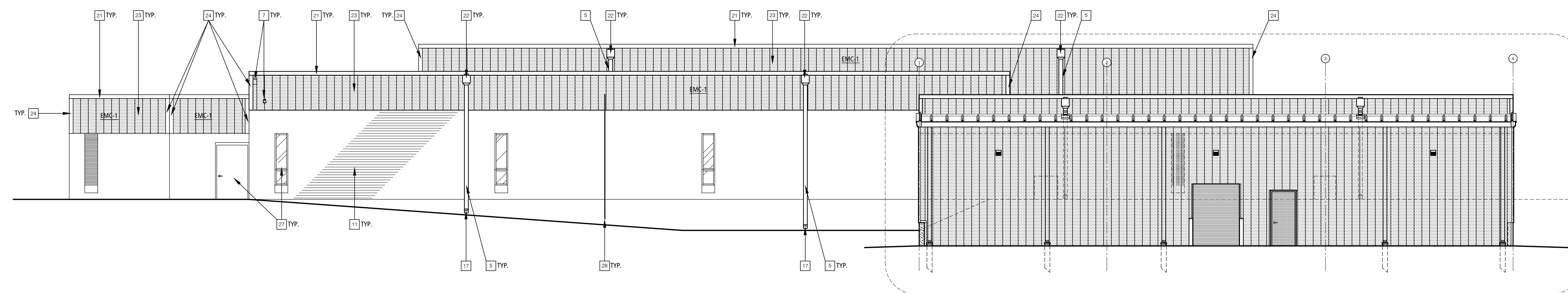
CAD DWG FILE: A-202
DRAWN BY: JD
CHECKED BY: JD
DESIGNED BY: JD

SHEET TITLE:
**EXTERIOR
ELEVATIONS**
(BID ALTERNATE #01)

SHEET NUMBER:

A-202

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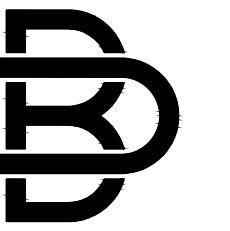
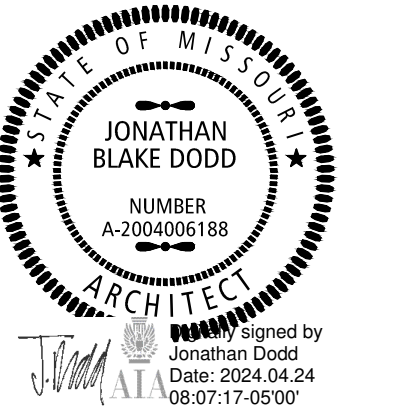
OVERALL SOUTH ELEVATION 1

SCALE: 1/8" = 1'-0" A-202

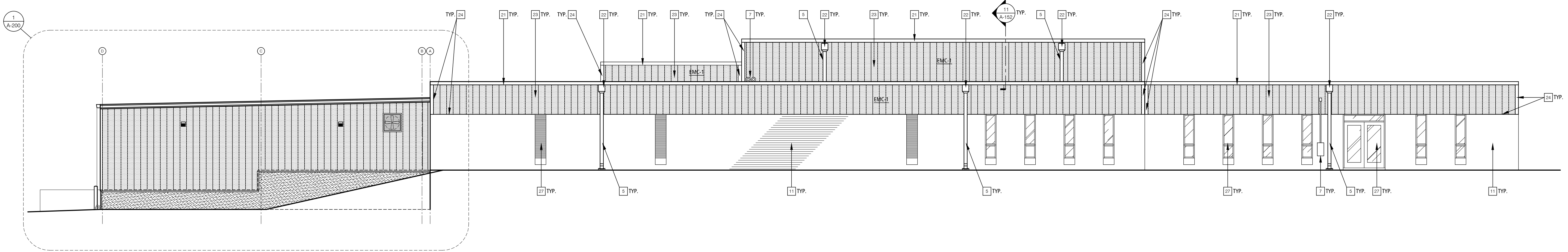
GENERAL ROOF PLAN NOTES

1. REFER TO EXTERIOR ELEVATION GENERAL NOTES & KEYNOTES ON SHEET A-200.

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DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
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OVERALL EAST ELEVATION 2

SCALE: 1/8" = 1'-0" A-203

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SITE # 6276
FACILITY # 8136276002

REVISION: _____
DATE: _____
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DATE: _____
REVISION: _____
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ISSUE DATE: 04/24/2024

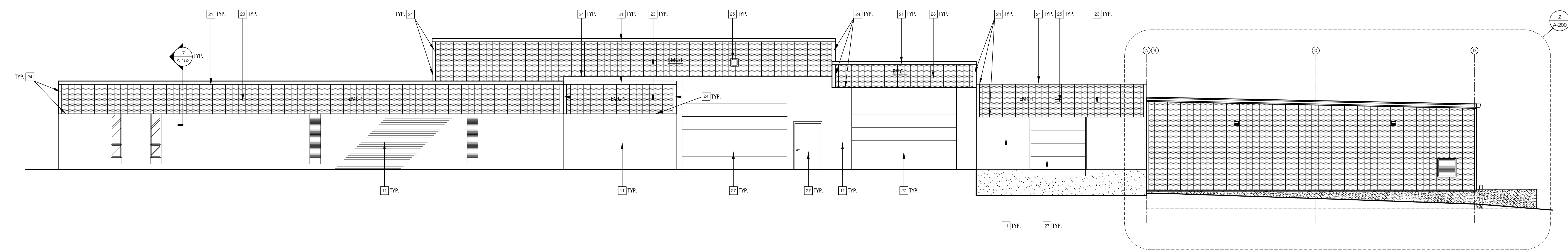
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DRAWN BY: JD
CHECKED BY: JD
DESIGNED BY: JD

SHEET TITLE:
**EXTERIOR
ELEVATIONS**
(BID ALTERNATE #01)

SHEET NUMBER:

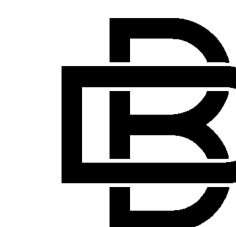
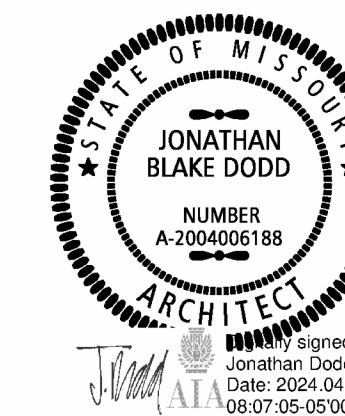
A-203

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OVERALL WEST ELEVATION 1

SCALE: 1/8" = 1'-0" A-203



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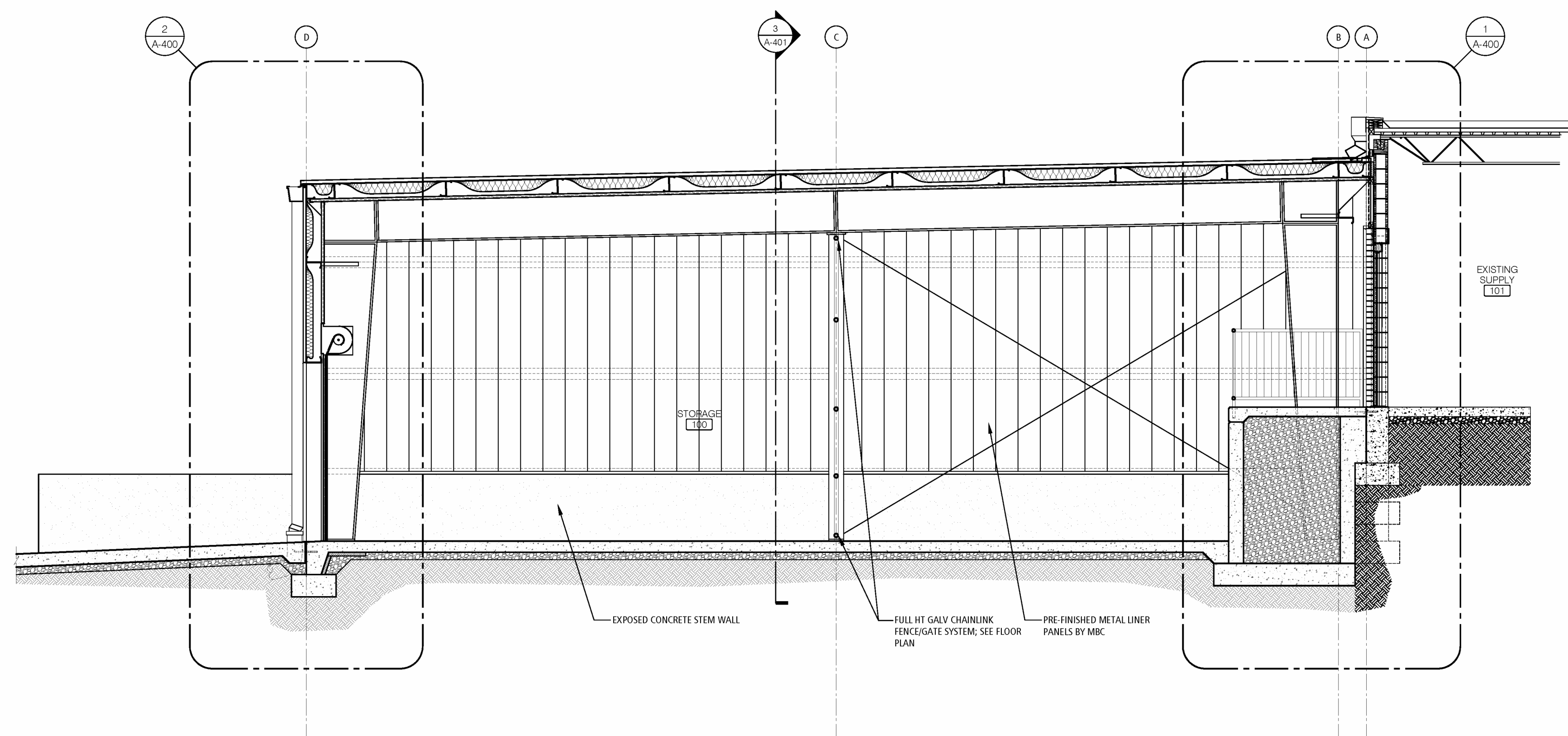
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CHECKED BY: JD
DESIGNED BY: JD

SHEET TITLE:
**BUILDING
SECTIONS - BLDG
ADDITION**

SHEET NUMBER:

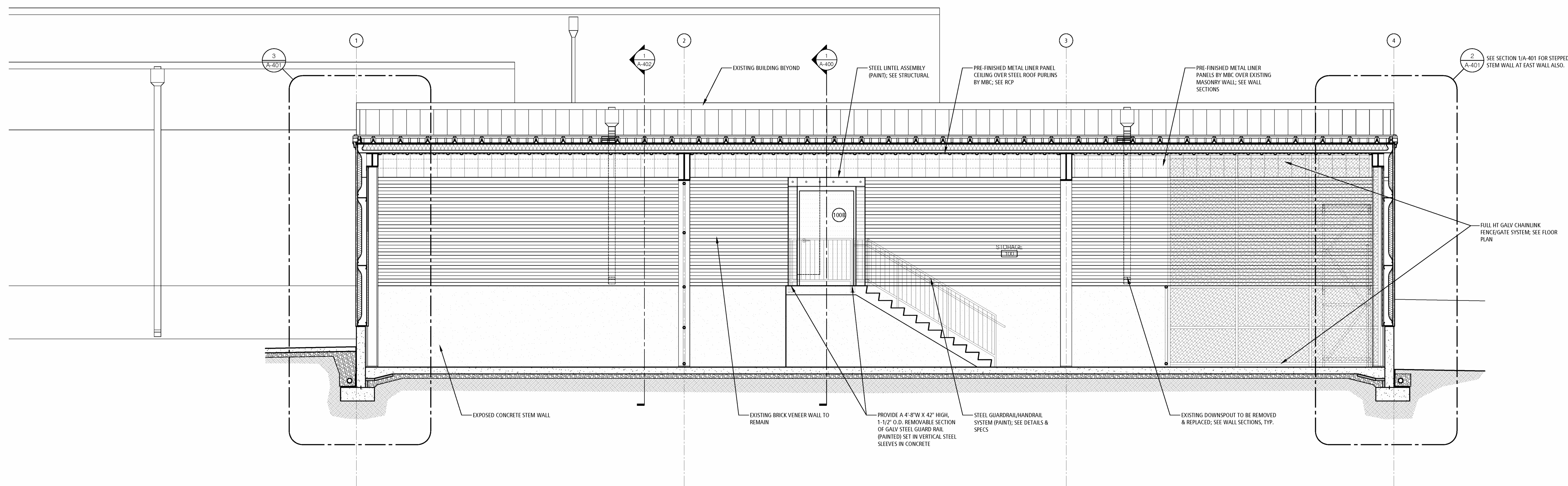
A-300

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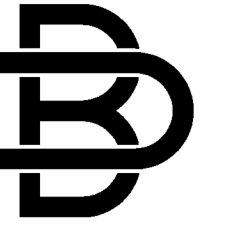
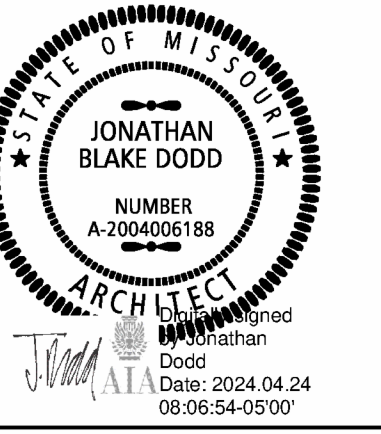
BUILDING SECTION 2

SCALE: 1/4" = 1'-0" A-300



BUILDING SECTION 1

SCALE: 1/4" = 1'-0" A-300



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DATE: _____
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ISSUE DATE: 04/24/2024

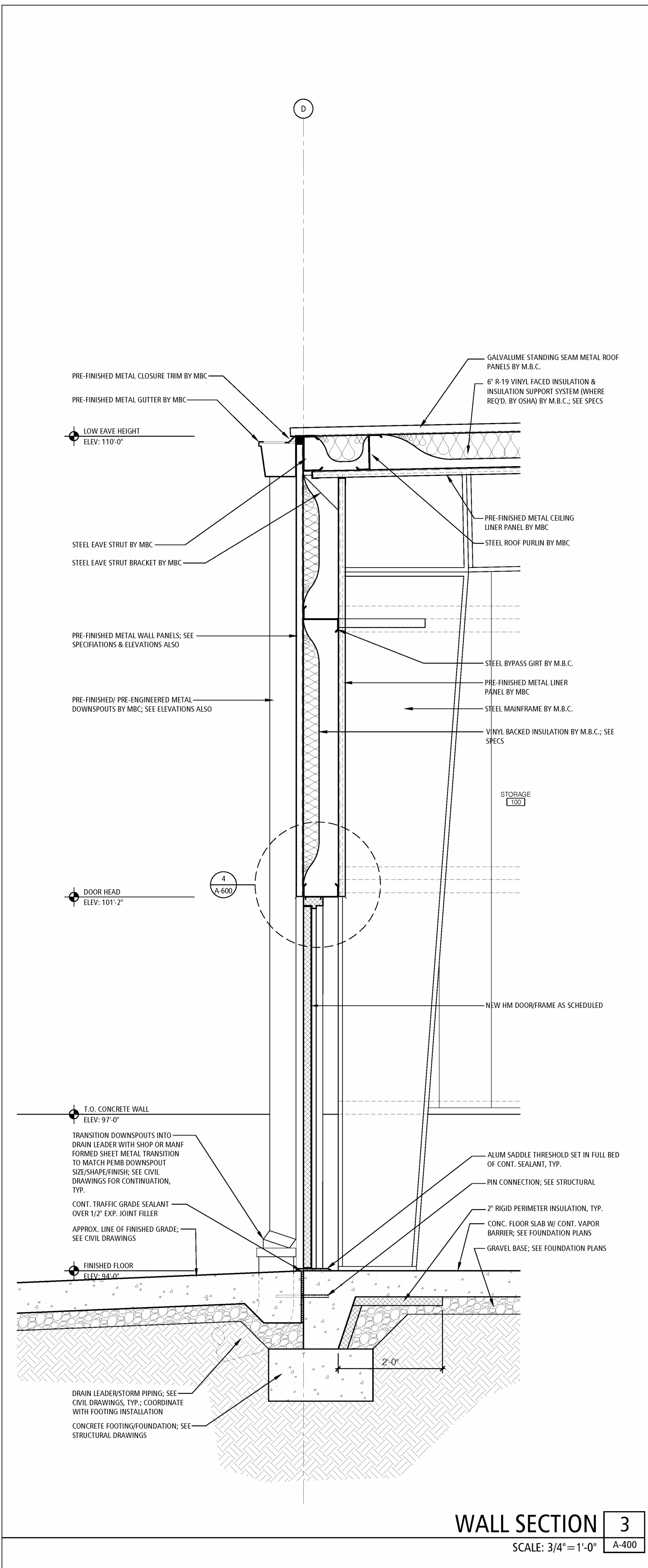
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DRAWN BY: JD
CHECKED BY: JD
DESIGNED BY: JD

SHEET TITLE:
**WALL SECTIONS
BLDG ADDITION**

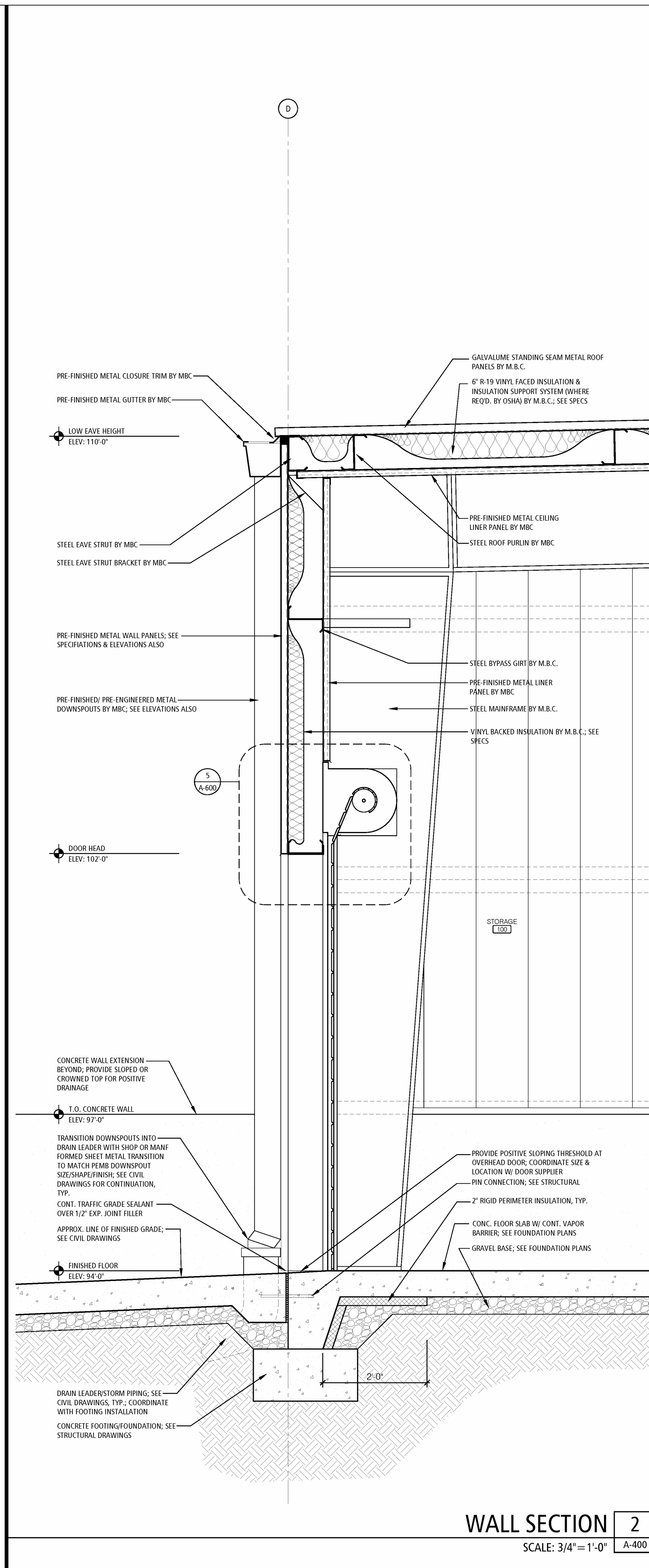
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A-400

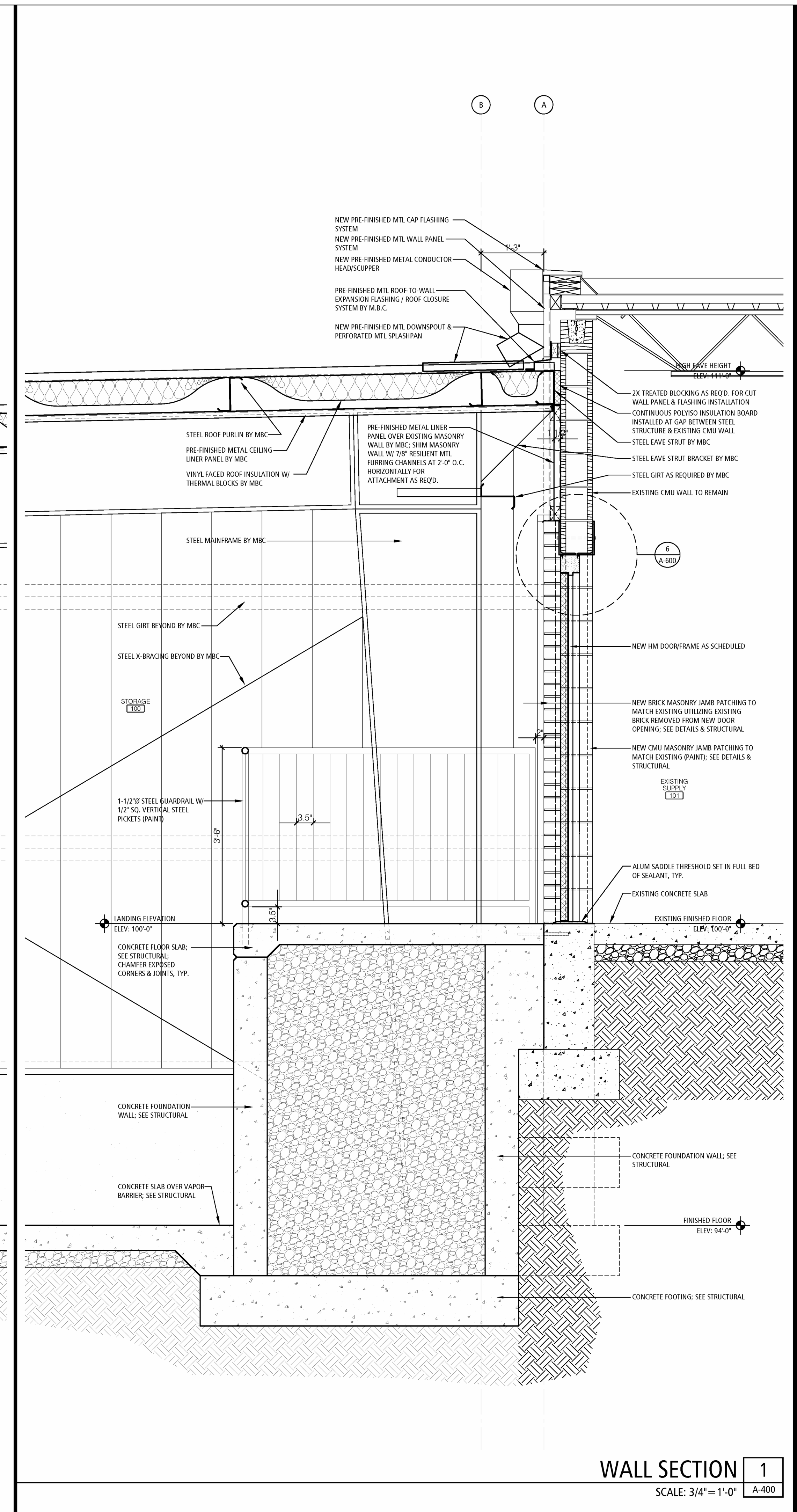
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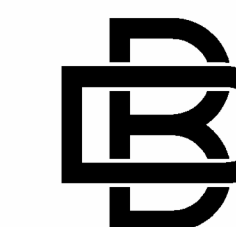
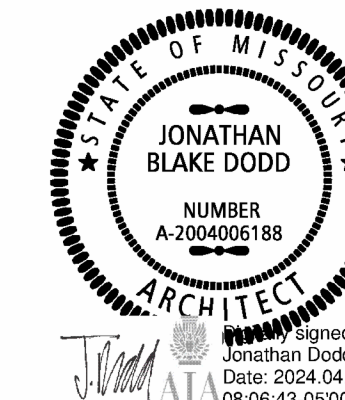
WALL SECTION 3
SCALE: 3/4"=1'-0" A-400



WALL SECTION 2
SCALE: 3/4"=1'-0" A-400



WALL SECTION 1
SCALE: 3/4"=1'-0" A-400



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DESIGN COLLECTIVE
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SPRINGFIELD, MO 65807
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FACILITY # 8136276002

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REVISION: _____
DATE: _____
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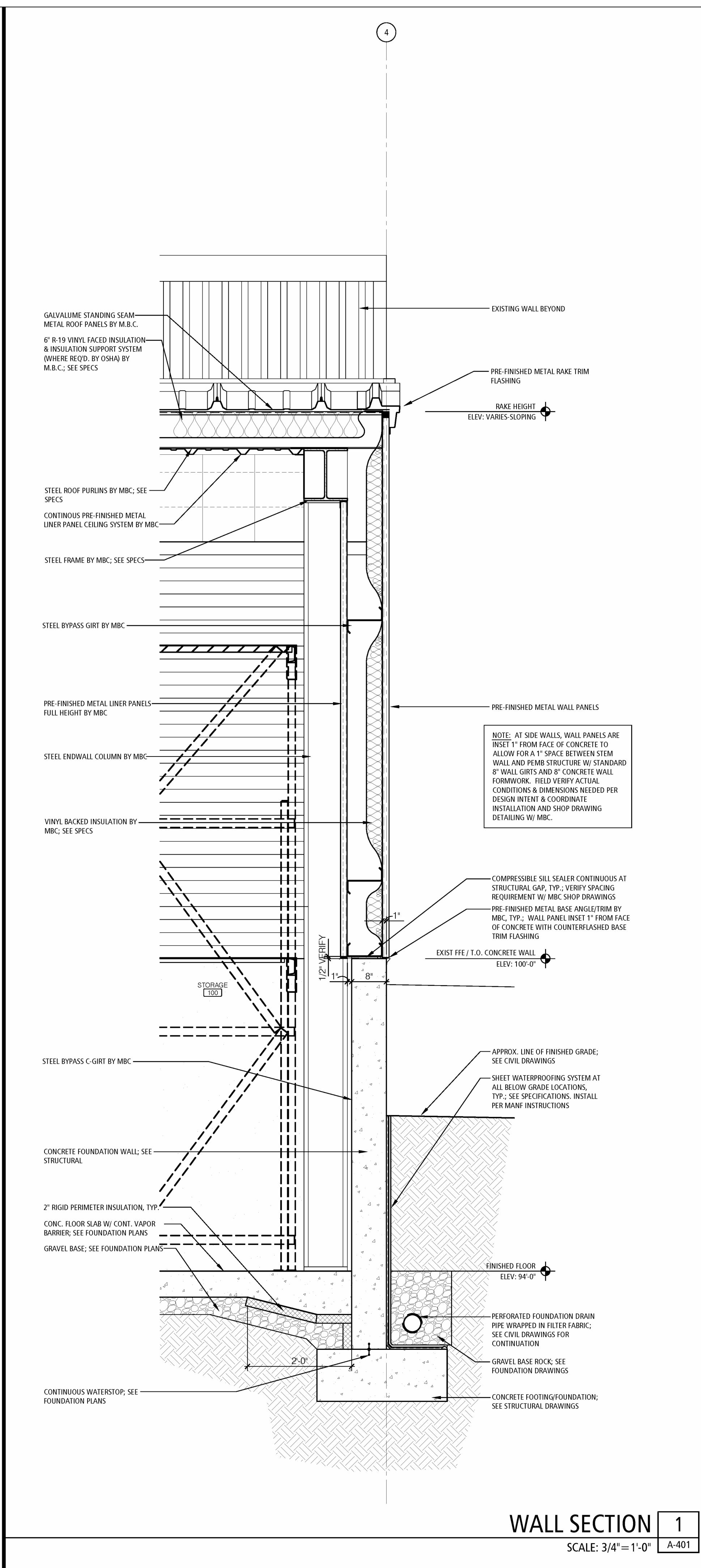
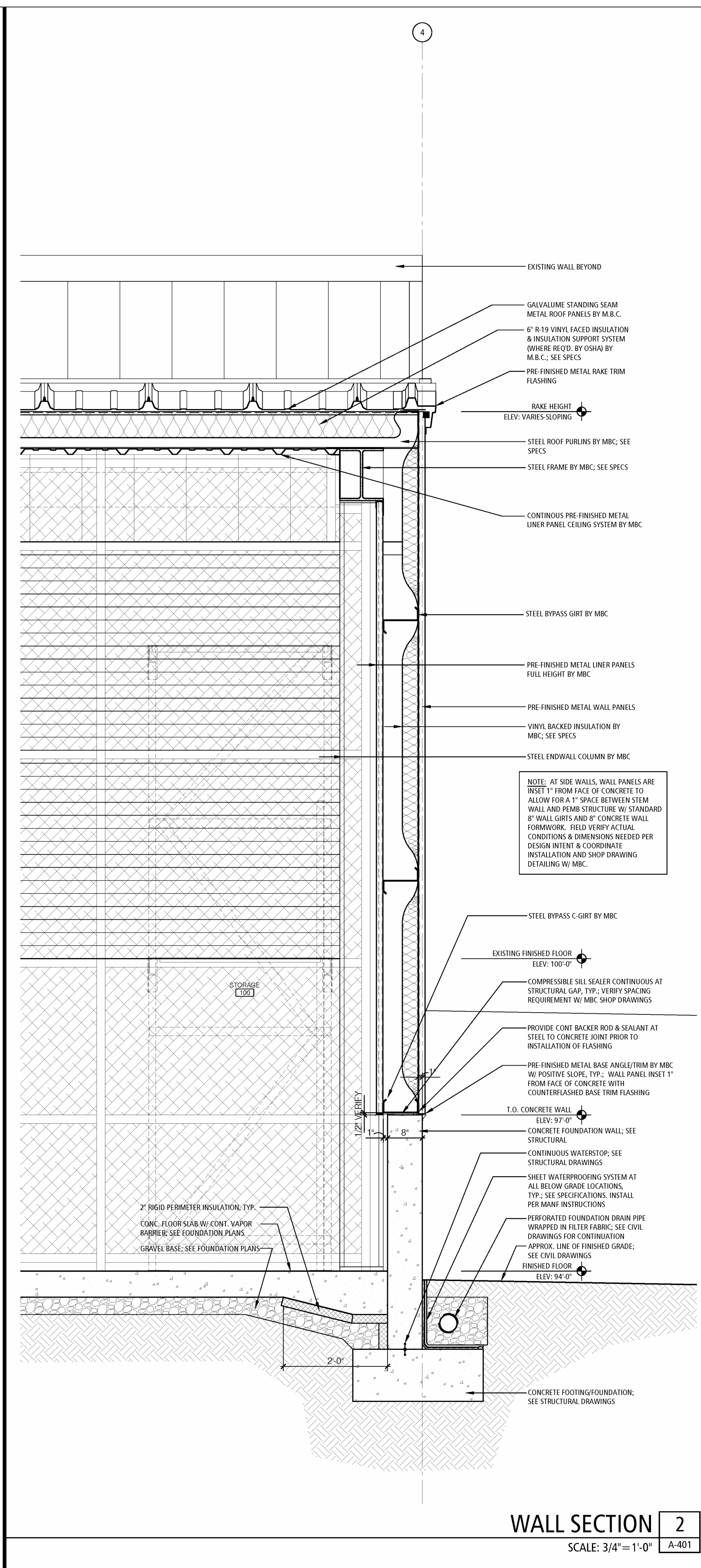
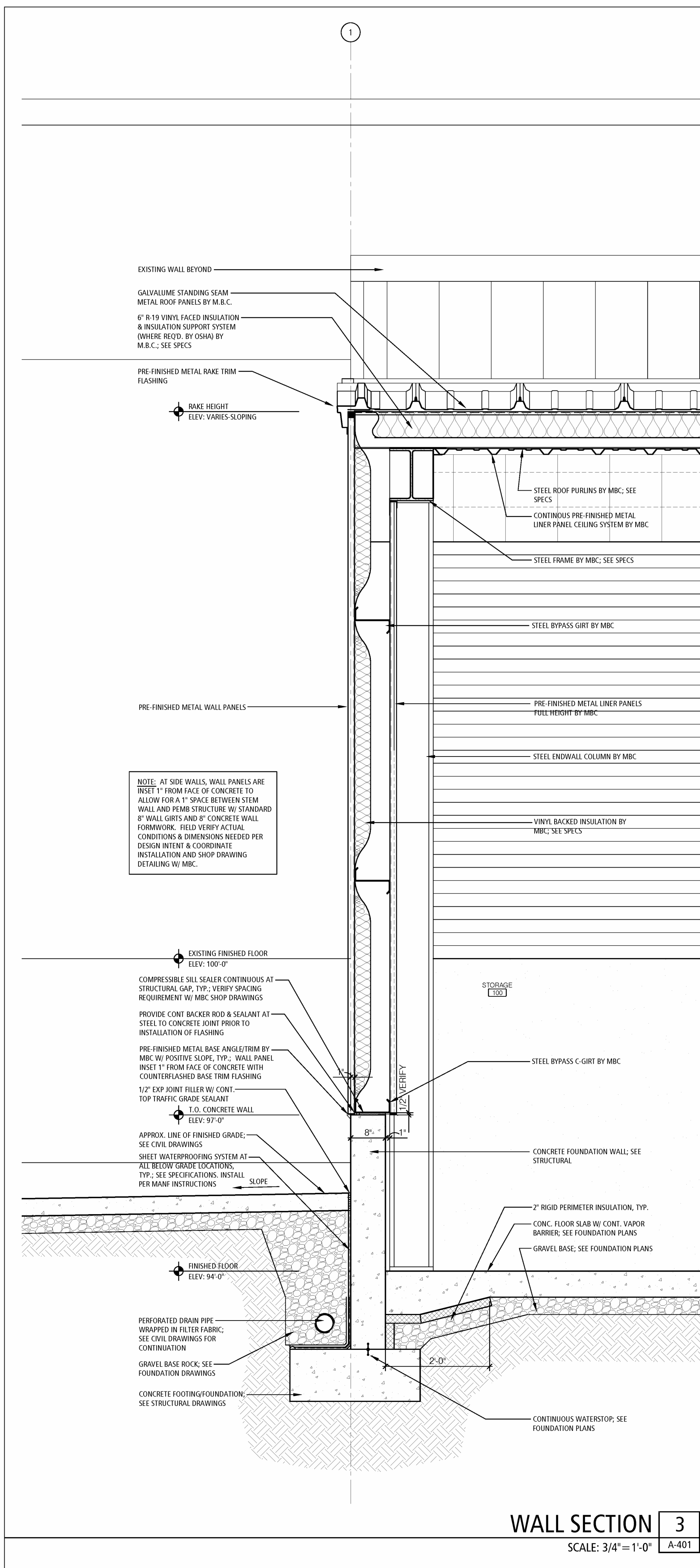
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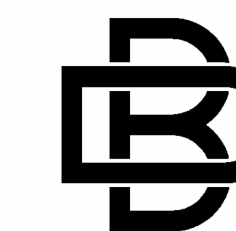
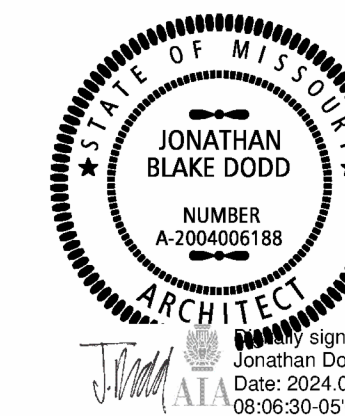
SHEET TITLE:
WALL SECTIONS
BLDG ADDITION

SHEET NUMBER:

A-401

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REVISION: _____
DATE: _____
ISSUE DATE: 04/24/2024

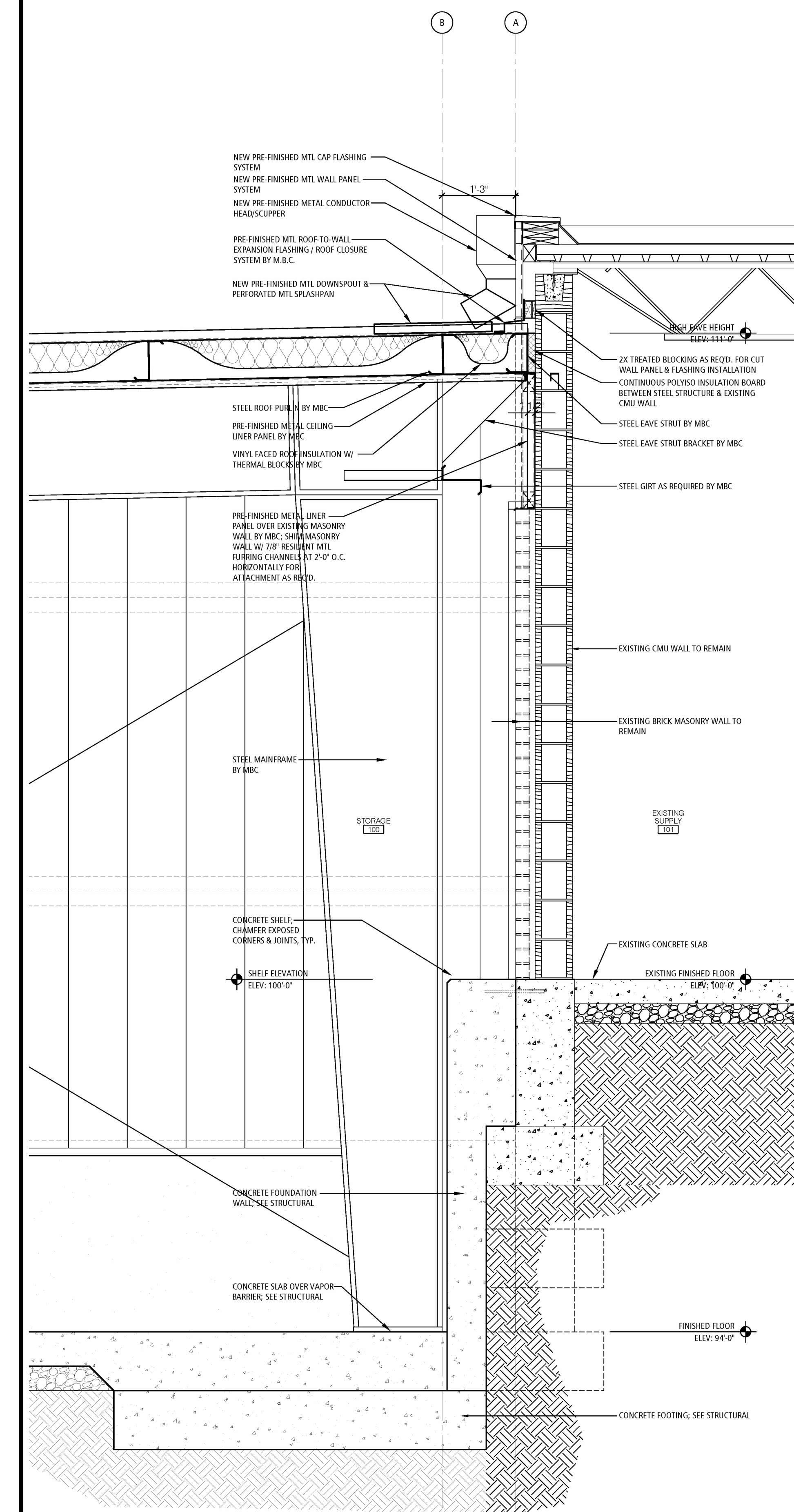
CAD DWG FILE: A-402
DRAWN BY: JD
CHECKED BY: JD
DESIGNED BY: JD

SHEET TITLE:
WALL SECTIONS
BLDG ADDITION

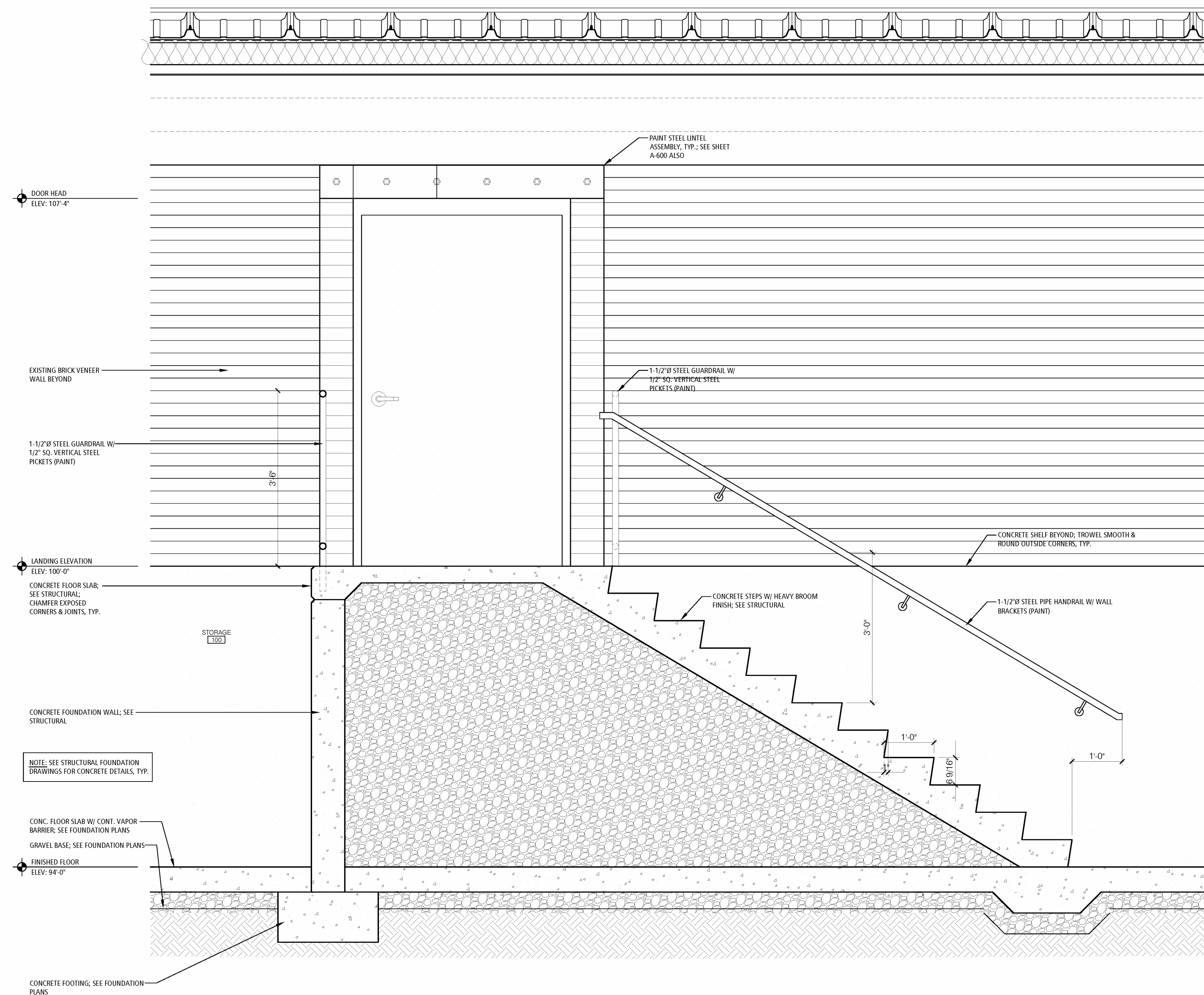
SHEET NUMBER:

A-402

27 OF 37 SHEETS
04/24/2024

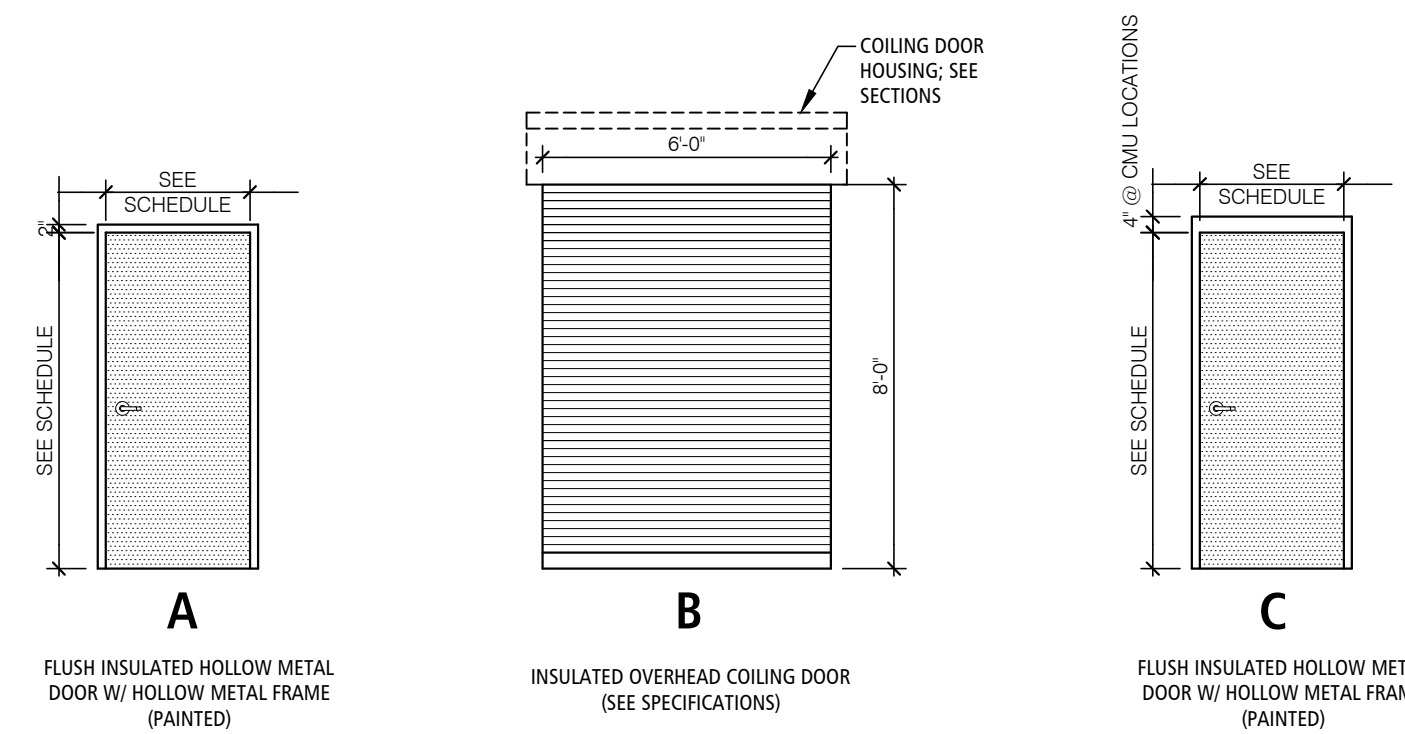


WALL SECTION 1
SCALE: 3/4" = 1'-0" A-402



STAIR SECTION 2
SCALE: 3/4" = 1'-0" A-402

DOOR ELEVATIONS



DOOR SCHEDULE

NO	DOOR SIZE	DOOR ELEV	DOOR	RATING	FRAME	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	HARDWARE SET	CARD READER	CLEARANCE	REMARKS	
											X Y Z		
100	3'-0" X 7'-0" X 1 3/4"	A	IHM/F1	-	IHM/F1	4/A-600	1/A-600	-	GROUP 1	-	18" 12"	-	PAINT EXTERIOR HM DOORS/FRAMES 'EPC-1'; SEE EXTERIOR ELEV, SHEET A-200.
100A	6'-0" X 8'-0" COILING DOOR	B	ST/F2	-	ST/F2	5/A-600	2/A-600	-	SEE SPECS	-	-	-	PRE-FINISHED MANF. COLOR; COLOR SELECTED BY ARCHITECT; SEE SPECIFICATIONS.
100B	4'-0" X 7'-0" X 1 3/4"	C	IHM/F1	-	IHM/F1	6/A-600	3/A-600	-	GROUP 2	-	18" 12"	-	PAINT INTERIOR HM DOORS/FRAMES 'IPC-2'; SEE INTERIOR FINISH LEGEND, SHEET A-100.
EX	EXISTING DOOR TO REMAIN	-	-	-	-	-	-	-	-	-	-	-	EXISTING DOOR/FRAME TO REMAIN - NO NEW WORK

DOOR & FRAME FINISHES

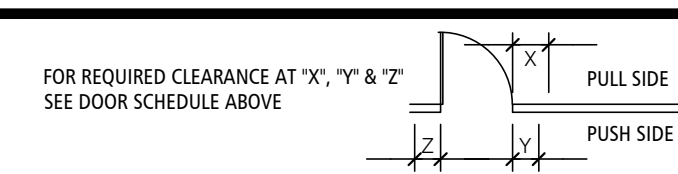
WD = SOLID CORE FLUSH WOOD DOOR
 AL = PRE-FINISHED ALUM. DOOR OR FRAME
 HM = HOLLOW METAL DOOR OR FRAME
 IHM = INSULATED HOLLOW METAL DOOR OR FRAME
 ST = STEEL DOOR OR FRAME; SEE SPECIFICATIONS

F1 = PAINTED
 F2 = PREFINISHED

DOOR HARDWARE SCHEDULE

GROUP 1: 3070 EXTERIOR HM DOOR / HM FRAME DOOR # 100			
3 HINGES	TA2314 4 1/2" X 4 1/2" 630 NRP	M	
1 LOCK	TS81 D 626	F	
1 DEADLOCK	D141 626	F	
1 CLOSER	4430 689	Y	
1 KICK PLATE	10" X 24" 630	R	
1 THRESHOLD	2005AV 36"	P	
1 WEATHERSTRIP	303AV 3684	P	
1 SWEEPS	315CN 36"	P	
1 DRIP	349C 40"	P	
GROUP 2: 3070 HM DOOR / HM FRAME DOOR # 100B			
3 HINGES	TA43786 4 1/2" X 4 1/2" 626	M	
1 LOCK	TS81 D 626	F	
1 CLOSER	4430 689	Y	
1 KICK PLATE	10" X 46" 630	R	
1 FLOOR STOP	483 626	P	
1 THRESHOLD	170A 48"	P	
1 SEAL	588D 18"	P	
1 SWEEP	315CN 48"	P	

DOOR CLEARANCES



GENERAL DOOR/HARDWARE NOTES

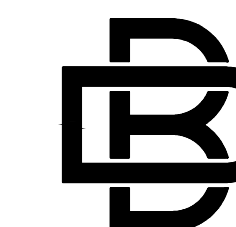
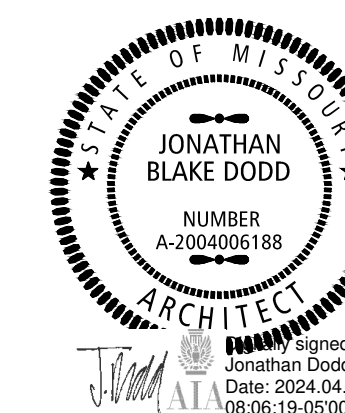
- ALL DOORS ARE TO HAVE REQUIRED WALL/FLOOR DOOR STOPS.
- SEALANT & BACKER ROD (IF REQ'D) SHALL BE USED AT INSIDES AND OUTSIDES OF ALL DOOR FRAMES. COLOR TO BE APPROVED BY ARCHITECT.
- ALL FRAMES ARE TO HAVE A MIN. OF THREE ANCHORS AT EACH DOOR JAMB.
- ALL DOOR HARDWARE TO BE LEVER TYPE. ALL EGRESS DOORS SHALL BE OF TYPE THAT DOOR CAN BE OPENED FROM EGRESS SIDE WITHOUT USE OF KEYS, SPECIAL KNOWLEDGE OR EFFORT. THRESHOLD DOORS SHALL NOT EXCEED 1/2" IN HEIGHT FROM WALK TO FLOOR SLAB. SEE HARDWARE SCHEDULE IN SPECS.
- ALL NEW DOOR HARDWARE TO BE ADA COMPLIANT - SEE SPECS ALSO.
- FINISH OF NEW DOOR HARDWARE IS PER FINISH SCHEDULE OR HARDWARE SCHEDULE.
- COORDINATE LEFT/RIGHT HAND HARDWARE REQUIREMENTS WITH DOOR SWINGS ON FLOOR PLAN.

NOTE*** KEYWAY TO MATCH OWNERS EXISTING KEYWAY SYSTEM - BEST 7-PIN 'J' KEYWAY SYSTEM - SOLE SOURCE/NO EXCEPTIONS. CONTRACTOR SHALL SUPPLY OWNER WITH BLANK CORES & KEYS. OWNERS/OWNER WILL CUT THE KEYS AND CORES TO MATCH THE EXISTING 'BEST 7-PIN 'J' KEYWAY. OWNER TO ORDER CORES THROUGH BEST CORE. OWNER WILL COORDINATE KEYING. OWNER WILL INSTALL CORES.

MANUFACTURERS LEGEND:
 (SEE SPECIFICATIONS FOR SUBSTITUTIONS / ALTERNATE MANUFACTURERS LISTING)

M MCKINNEY OR EQUIVALENT
 F FALCON OR EQUIVALENT
 Y YALE OR EQUIVALENT
 R ROCKWOOD OR EQUIVALENT
 P PEMKO OF EQUIVALENT

STATE OF MISSOURI
 MICHAEL L. PARSON,
 GOVERNOR



BUXTON KUBIK DODD
 DESIGN COLLECTIVE
 3100 S. NATIONAL AVENUE, SUITE 300
 SPRINGFIELD, MO 65807
 PHONE: 417.890.5543 FAX: 417.890.5563
 MISSOURI CERTIFICATE OF AUTHORITY NO. A-2006007284

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CONSTRUCT ADDITION
 JOPLIN READINESS CENTER
 2000 W. 32ND STREET
 JOPLIN, MISSOURI 64804

PROJECT # T2333-01
 SITE # 6276
 FACILITY # 8136276002

REVISION: _____
 DATE: _____
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 ISSUE DATE: 04/24/2024

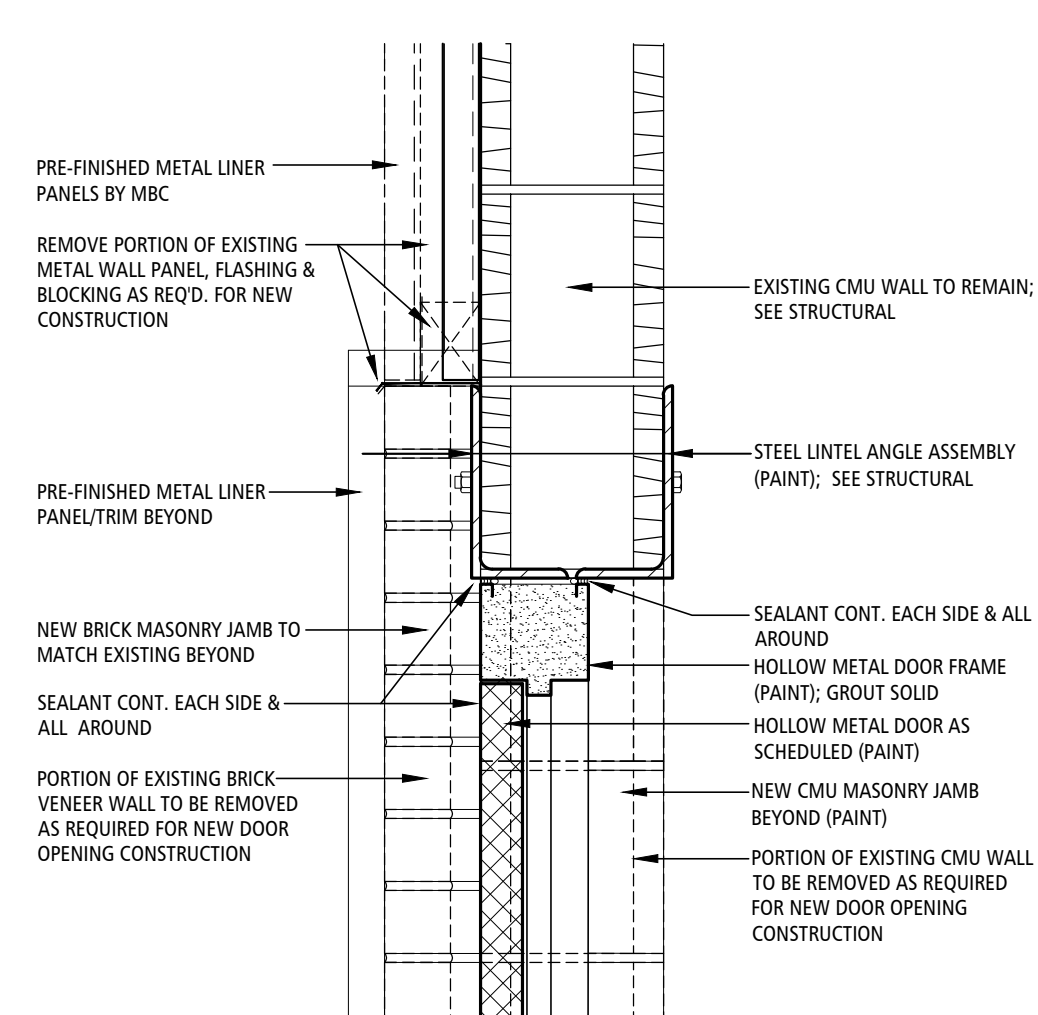
CAD DWG FILE: A-600
 DRAWN BY: JD
 CHECKED BY: JD
 DESIGNED BY: JD

SHEET TITLE:
DOORS

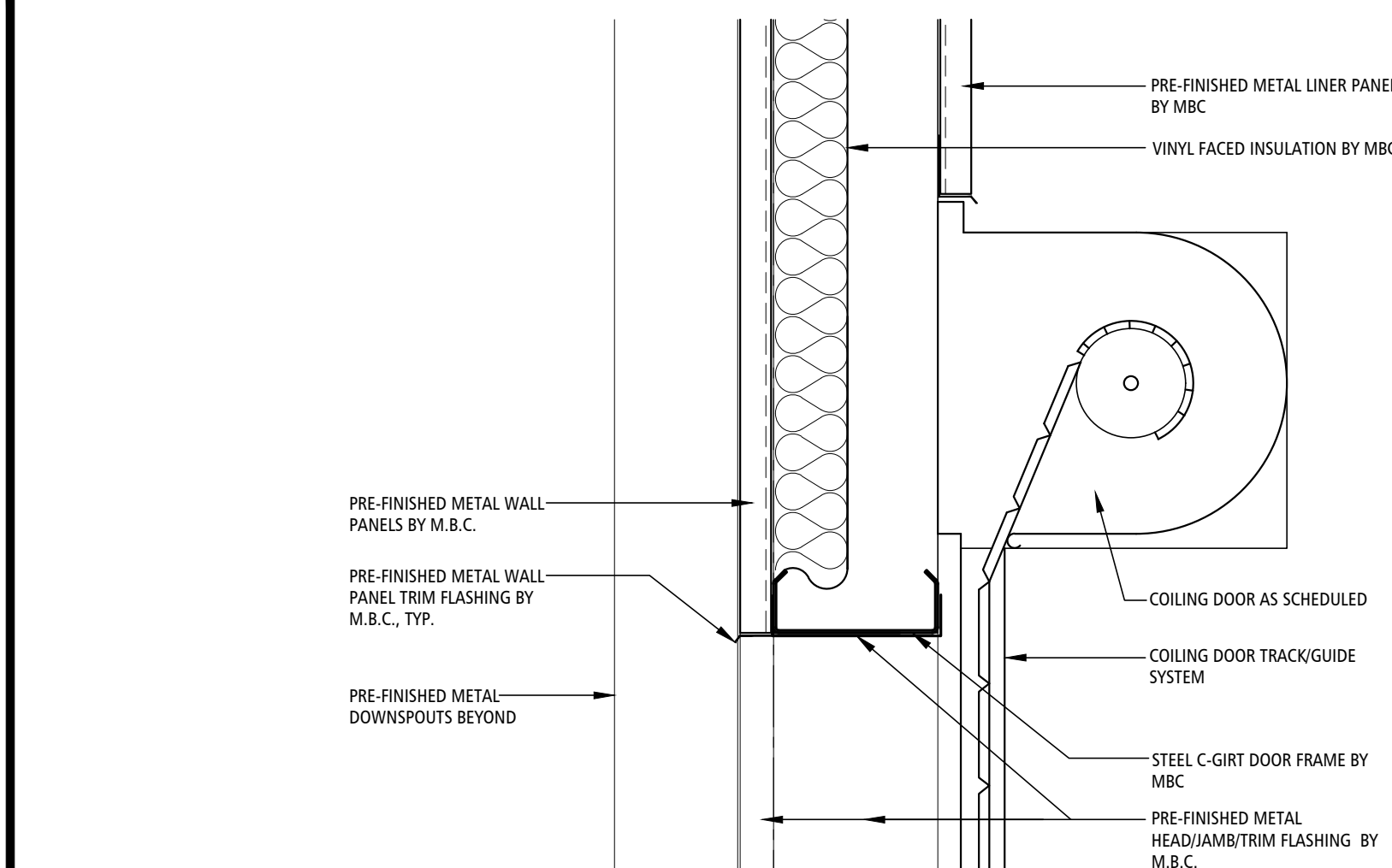
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A-600

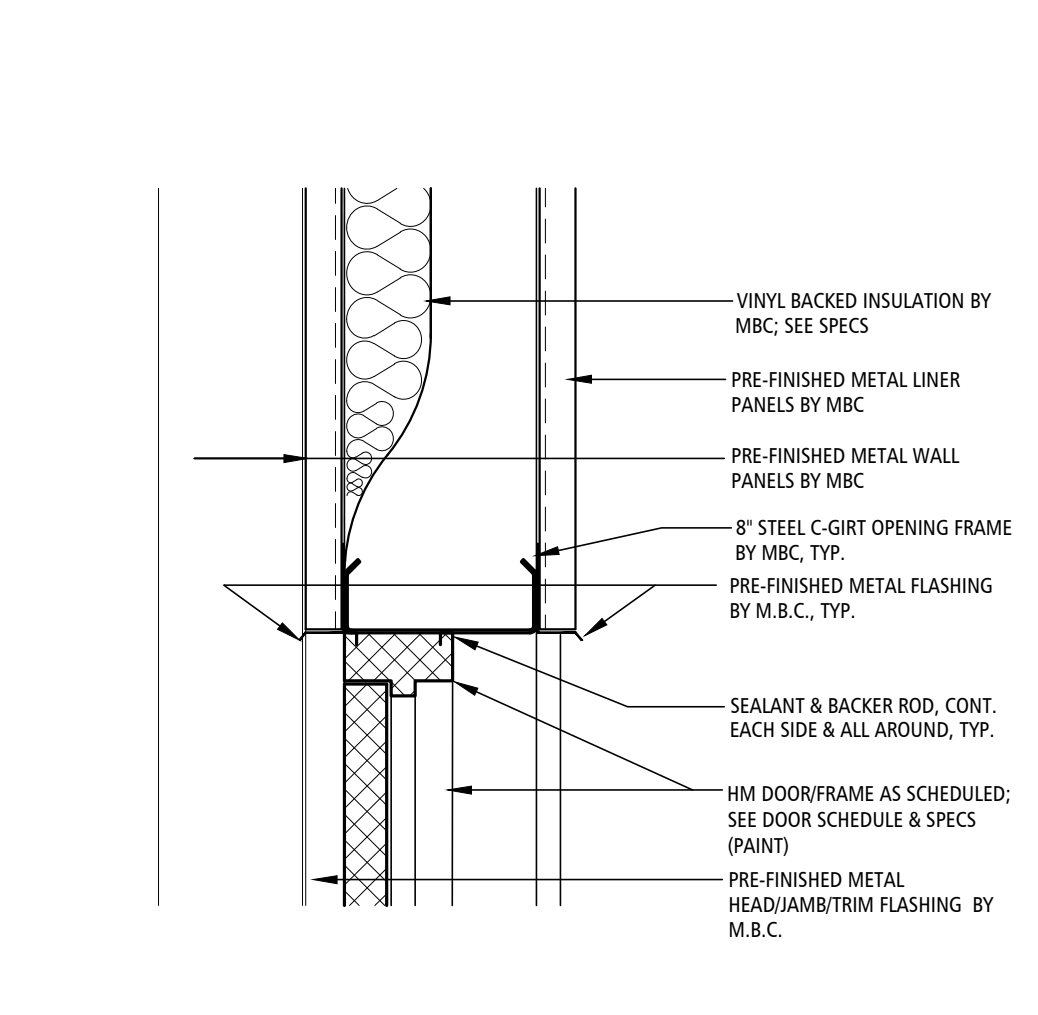
28 OF 37 SHEETS
 04/24/2024



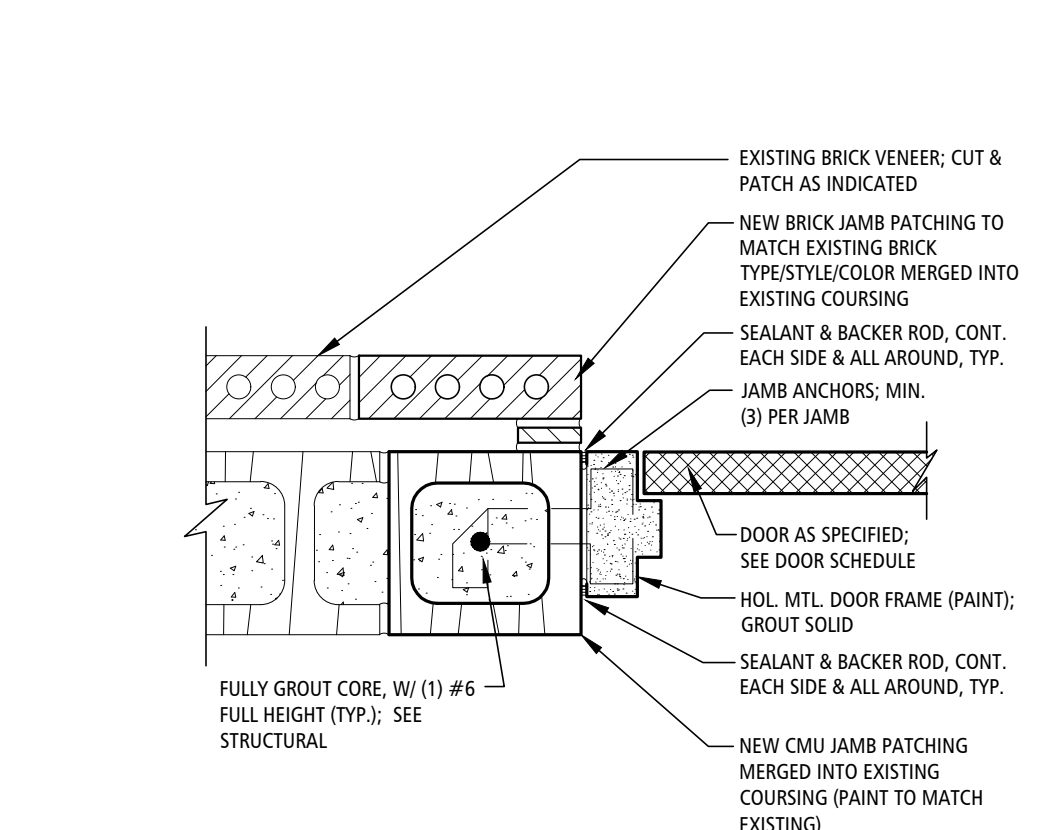
DOOR HEAD DETAIL 6
 SCALE: 1-1/2" = 1'-0" A-600



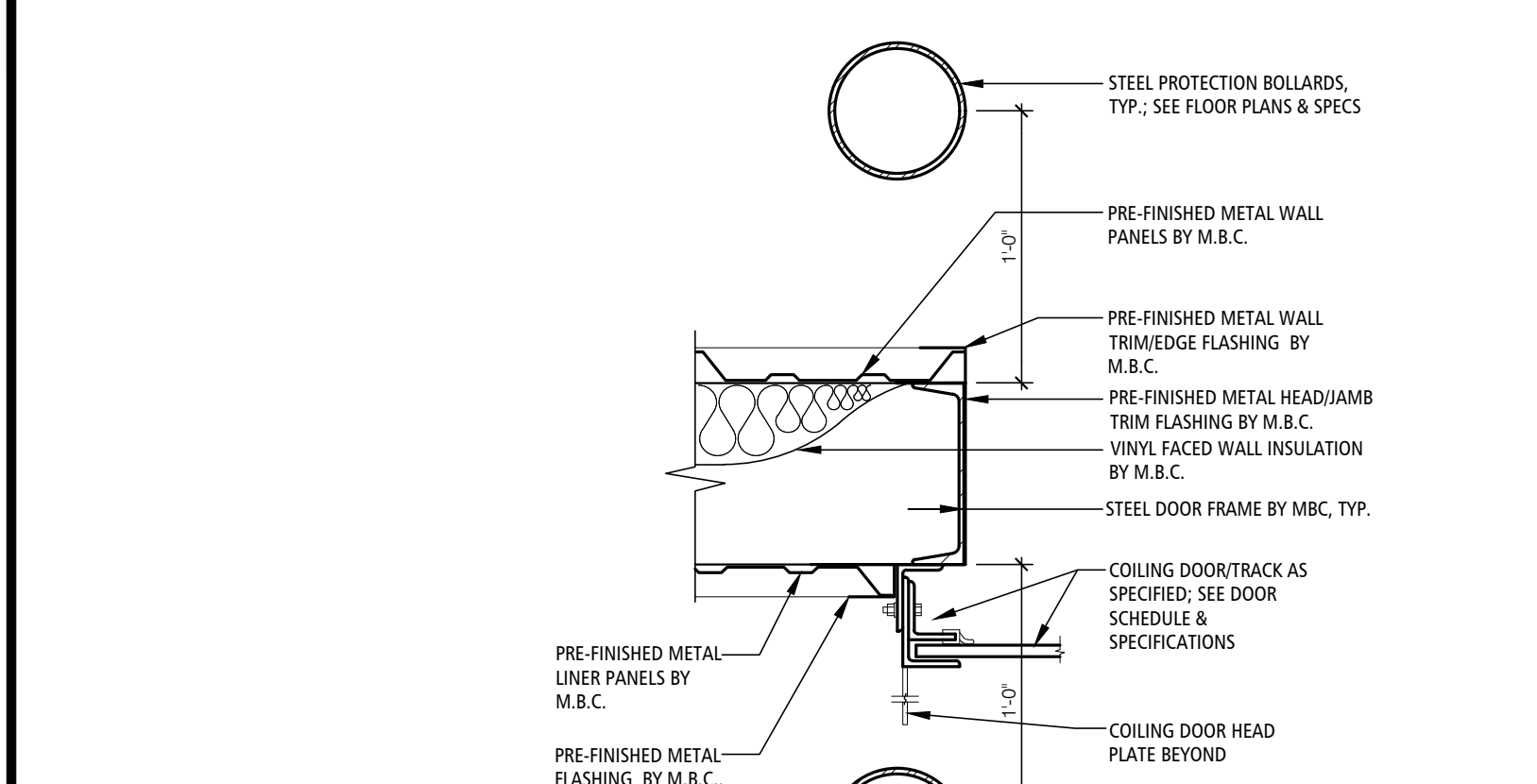
COILING DOOR HEAD DETAIL 5
 SCALE: 1-1/2" = 1'-0" A-600



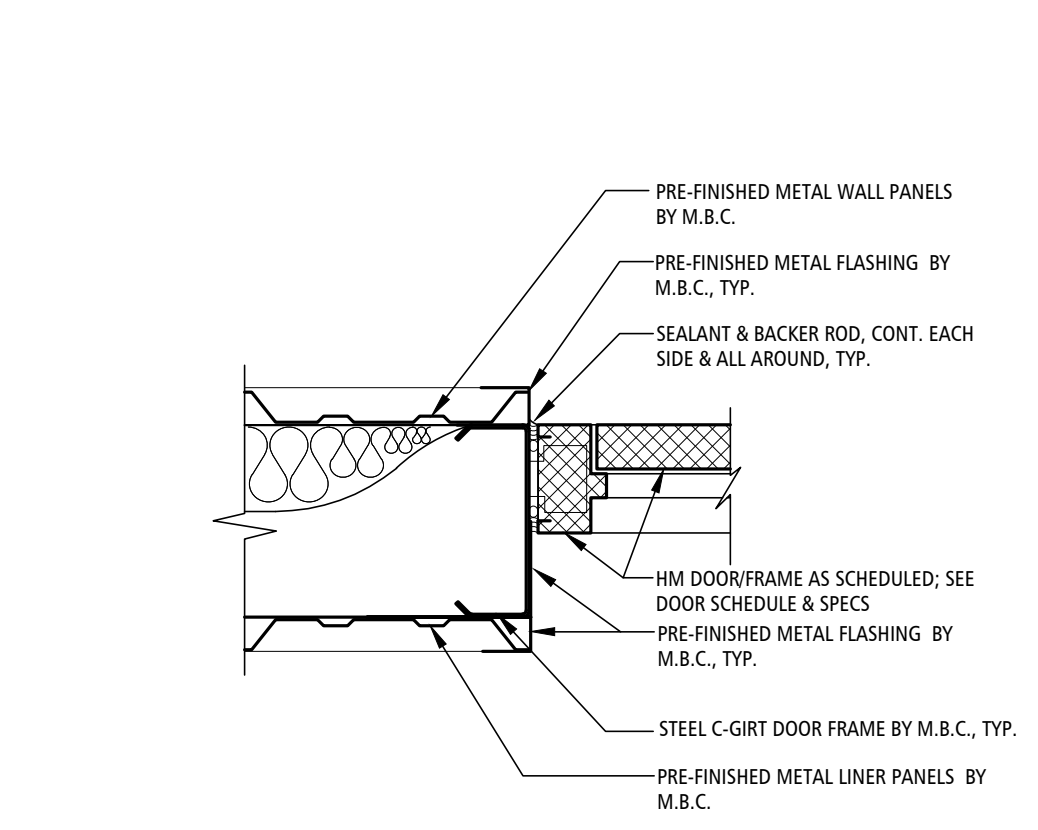
DOOR HEAD DETAIL 4
 SCALE: 1-1/2" = 1'-0" A-600



DOOR JAMB DETAIL 3
 SCALE: 1-1/2" = 1'-0" A-600



COILING DOOR JAMB DETAIL 2
 SCALE: 1-1/2" = 1'-0" A-600



DOOR JAMB DETAIL 1
 SCALE: 1-1/2" = 1'-0" A-600

HM DOOR / MASONRY WALL

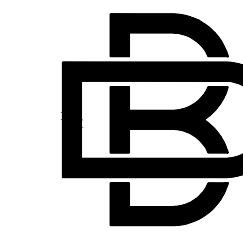
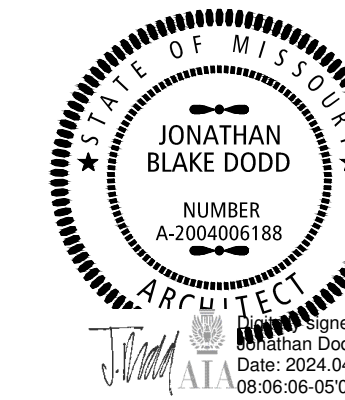
COILING DOOR / PEMB WALL

HM DOOR / PEMB WALL

HM DOOR / MASONRY WALL

COILING DOOR / PEMB WALL

HM DOOR / PEMB WALL



BUXTON KUBIK DODD
DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
PHONE: 417.890.5543 FAX: 417.890.5563
MISSOURI CERTIFICATE OF AUTHORITY NO. A-2006007284

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REVISION: _____
DATE: _____
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REVISION: _____
DATE: _____
ISSUE DATE: 04/24/2024

CAD DWG FILE: A-700
DRAWN BY: JD
CHECKED BY: JD
DESIGNED BY: JD

SHEET TITLE:
**PARTIAL
REFLECTED
CEILING PLAN**

SHEET NUMBER:

A-700

29 OF 37 SHEETS
04/24/2024

GENERAL CEILING NOTES

ROOM NAME: _____ EX: EXISTING
ROOM NUMBER: _____ SECT: SEE SECTIONS
CEILING HEIGHT: _____
CEILING TYPE: SEE SCHEDULE

- REFLECTED CEILING PLAN SHALL SUPERSEDE LIGHTING AND MECHANICAL PLANS FOR LIGHT FIXTURE PLACEMENT AND DIFFUSER PLACEMENT. REFER TO FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD LOCATIONS. COORDINATE LOCATIONS WITH LIGHTS AND DIFFUSERS.
- DRAWINGS ARE NOT TO BE SCALED. DIMENSIONAL DATA SHALL BE OBTAINED FROM WRITTEN INFORMATION ONLY. VERIFY ALL DIMENSIONS BEFORE PROCEEDING. ANY DIMENSIONAL DEVIATION FROM THAT SHOWN ON THE DRAWINGS, WHICH MAY AFFECT INTENT OF DESIGN OR PROPER INCORPORATION OF ELEMENTS, SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PROMPTLY AND RESOLUTION OBTAINED BEFORE PROCEEDING.
- ALL DIMENSIONS INDICATED IN CONTRACT DOCUMENTS ARE FROM FACE OF STUD TO FACE OF STUD FOR INTERIOR PARTITIONS, FACE OF EXISTING STRUCTURE OR FINISH, FACE OF CONCRETE OR BLOCK, OR TO STRUCTURAL LINE, EXCEPT AS NOTED OTHERWISE. EXTERIOR DIMENSIONS ARE TO FACE OF BRICK OR FACE OF ERS. DIMENSIONS OF EXISTING STRUCTURE, ETC. ARE ± AND SHOULD BE FIELD VERIFIED PRIOR TO COMMENCEMENT OF WORK AND ARCHITECT NOTIFIED OF ANY DISCREPANCIES. PROVIDE SOLID BLOCKING AS REQUIRED TO INSTALL EQUIPMENT, MILLWORK, ETC.
- GENERAL CONTRACTOR SHALL COORDINATE ALL MECHANICAL, ELECTRICAL & PLUMBING WORK AND PROVIDE ALL NECESSARY CONSTRUCTION TO FACILITATE SAID WORK INCLUDING, BUT NOT LIMITED TO ROUGH OPENINGS, EQUIPMENT SUPPORTS, BACKING AND COORDINATION OF FINISH WORK, WHETHER OR NOT SPECIFICALLY INDICATED ON CONTRACT DOCUMENTS.
- NOT ALL FIXTURES MAY BE SHOWN ON REFLECTED CEILING PLANS; SEE MECHANICAL, ELECTRICAL, PLUMBING DRAWINGS, INTERIOR ELEVATIONS, ETC.. FIXTURES SHOWN ON THIS DRAWING ARE FOR GENERAL COORDINATION ONLY.

CEILING TYPES SEE SPECIFICATIONS

C1: PRE-FINISHED METAL LINER PANEL CEILING SYSTEM BY MBC COMPLETE W/ ALL REQUIRED ACCESSORIES & COMPONENTS FOR A COMPLETE CEILING SYSTEM, INCLUDING BUT NOT LIMITED TO LINER PANELS, TRIM FLASHING, ETC. SEE SPECIFICATIONS. DESIGN INTENT COLOR: POLAR WHITE. INSTALL PER MANUFACTURER'S ENGINEERED SHOP DRAWINGS.

EX: EXISTING CEILING - NO NEW CEILING FINISH WORK REQUIRED THIS AREA.

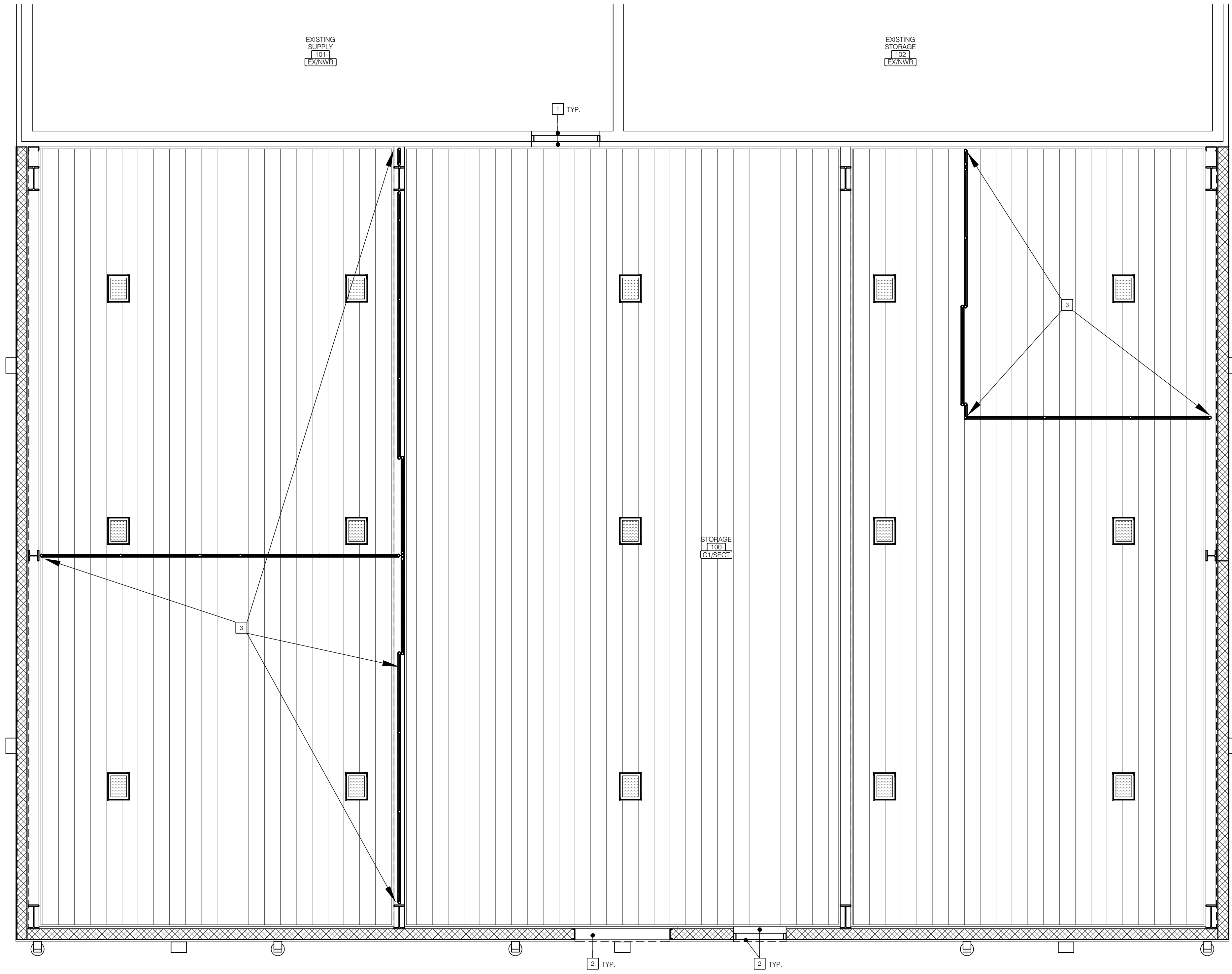
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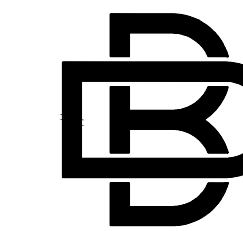
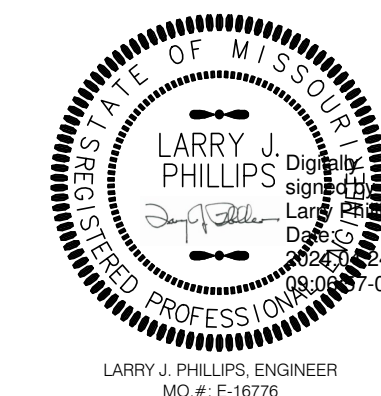
- PAINTED CMU HEAD/JAMB RETURNS, TYP.; PAINT TO MATCH EXISTING WALLS.
- PRE-FINISHED METAL TRIM FLASHING BY MBC AT DOOR HEAD/JAMB RETURNS, TYP. COLOR TO MATCH LINER PANEL AT INTERIOR LOCATIONS & EXTERIOR WALL PANEL AT EXTERIOR LOCATIONS.
- FULL HEIGHT GALVANIZED CHAIN LINK FENCE SYSTEM TO UNDERSIDE OF FINISHED CEILING/STRUCTURE ABOVE. FENCING SHALL BE INSTALLED IN SUCH A WAY THAT NO MORE THAN A 2" GAP EXISTS BETWEEN POSTS, RAILS, DOOR FRAMES, ETC. TO ANY ADJACENT SURFACE (FLOOR, WALL, CEILING, STRUCTURE, ETC.). INSTALL PER MANUFACTURER'S INSTRUCTIONS & APPROVED SHOP DRAWINGS. SUPPLIER SHALL INCLUDE ALL REQUIRED COMPONENTS AND ACCESSORIES FOR A FULLY FUNCTIONAL STORAGE CAGE SYSTEM, INCLUDING NECESSARY BRACING, ETC. SEE SPECIFICATIONS ALSO.

LIGHT FIXTURE LEGEND SYMBOLS NOT TO SCALE

□ WALL SCONCE - SEE ELECTRICAL DRAWINGS

▣ LED FIXTURE TO BE INSTALLED FLUSH TO METAL LINER PANEL CEILING SYSTEM; SEE ELECTRICAL DRAWINGS





BUXTON KUBIK DODD
DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
PHONE: 417.890.5543 FAX: 417.890.5563
MISSOURI CERTIFICATE OF AUTHORITY NO. A-2006007284

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SITE # 6276
FACILITY # 8136276002

REVISION: _____
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DATE: _____

ISSUE DATE: 04/24/2024

CAD DWG FILE: M-100
DRAWN BY: JD
CHECKED BY: JD
DESIGNED BY: JD

SHEET TITLE:
**PARTIAL
VENTILATION
PLAN**

SHEET NUMBER:

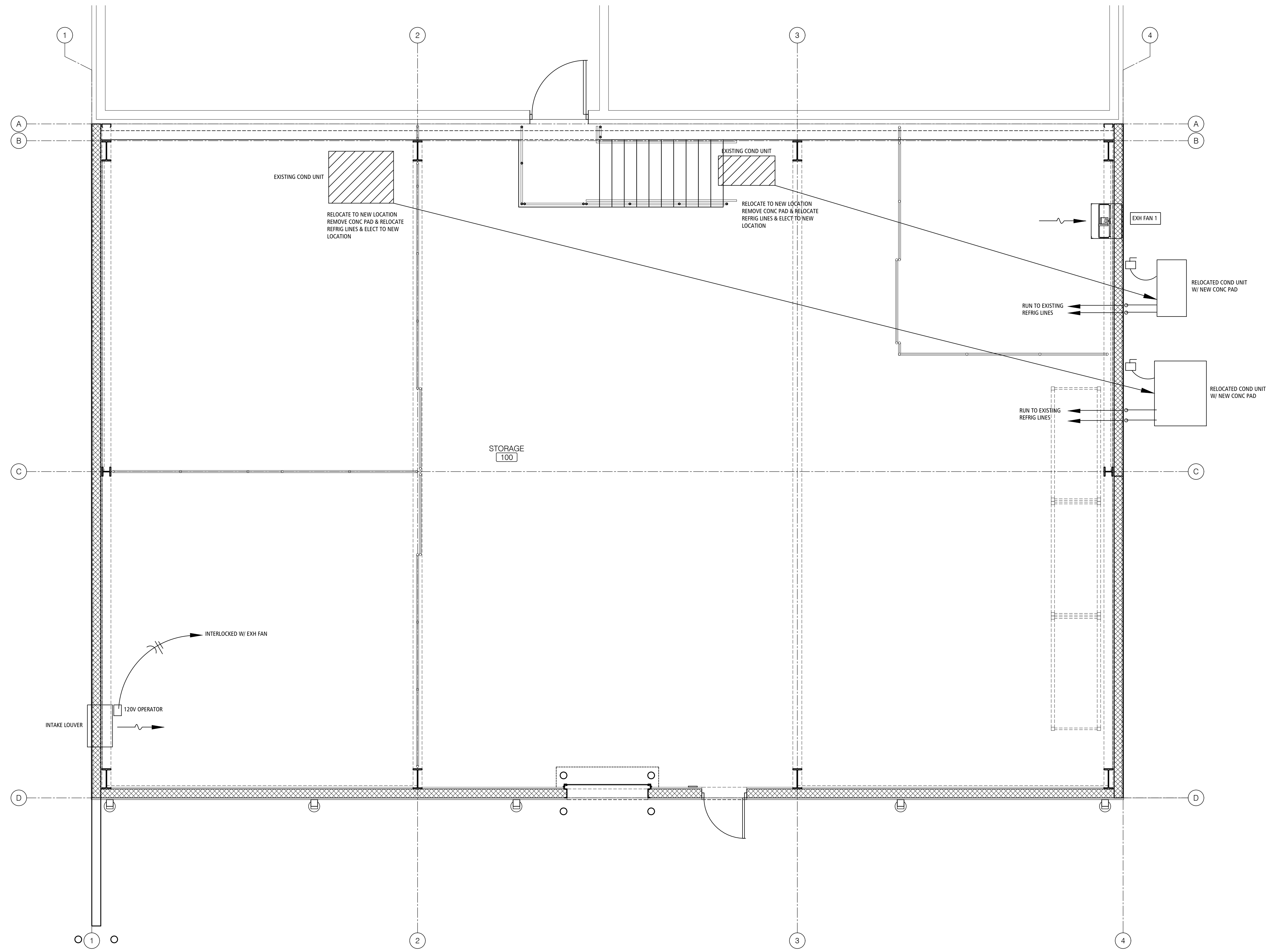
M-100

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04/24/2024

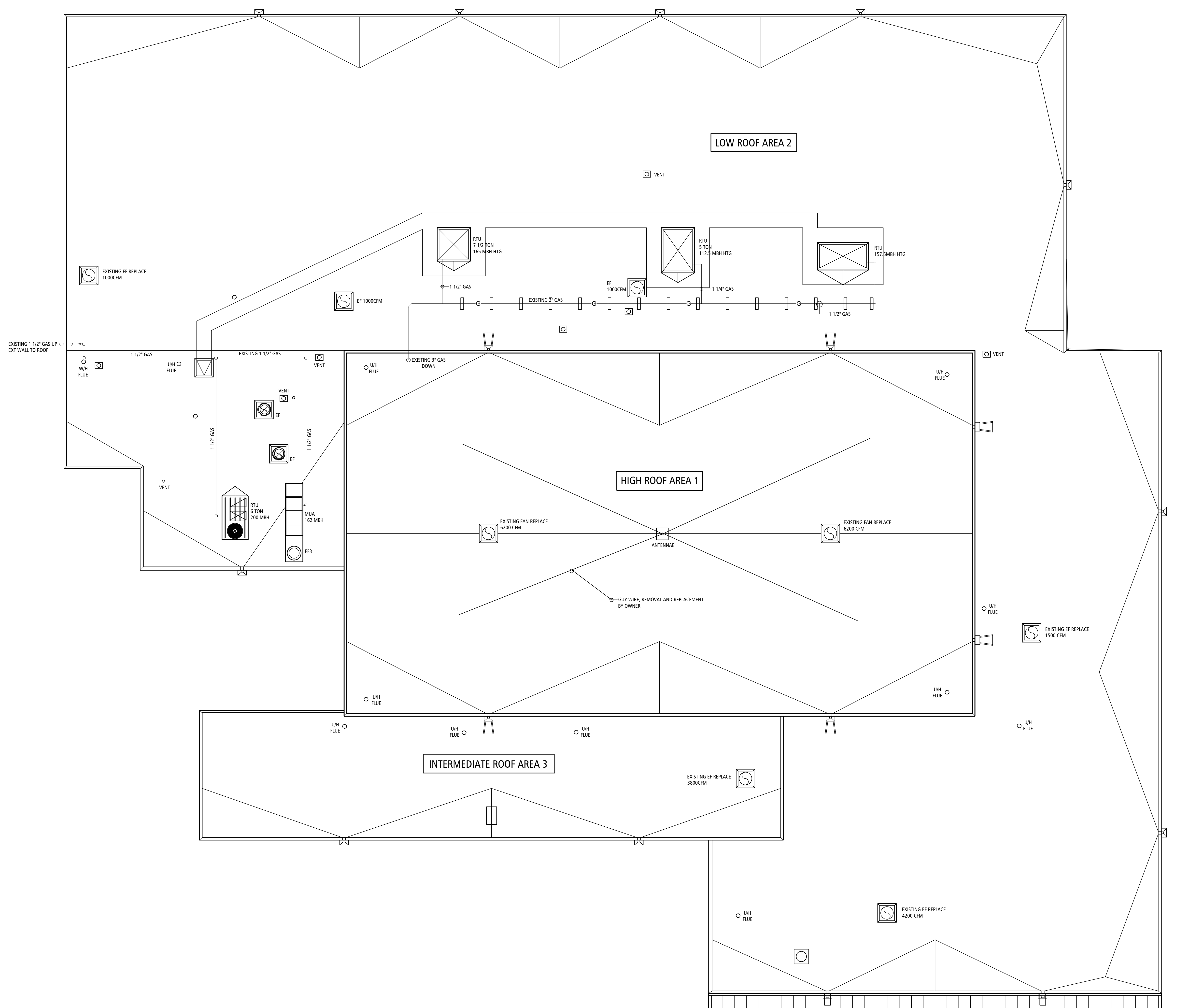
EXHAUST FAN SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL NUMBER	HP/W	CFM	RPM	S.P.	WATTS/ VOLTS/PH	REMARKS
EF-1	PACKAGED WALL FAN	COOK	24P11D	1/3	3653	900	0.125"	120/1	WITH DISCONNECT, INTERLOCK WITH INTAKE LOUVER
INTAKE LOUVER	INTAKE LOUVER W/ OPERATOR	POTTORFF	EXD-645, 36"X36"		3653		.1"	120/1	W/ 120V OPERATOR INTERLOCKED W/ FAN OPERATION

NOTES:



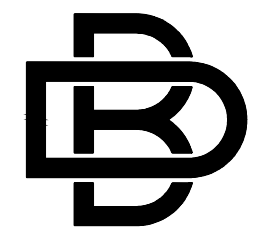
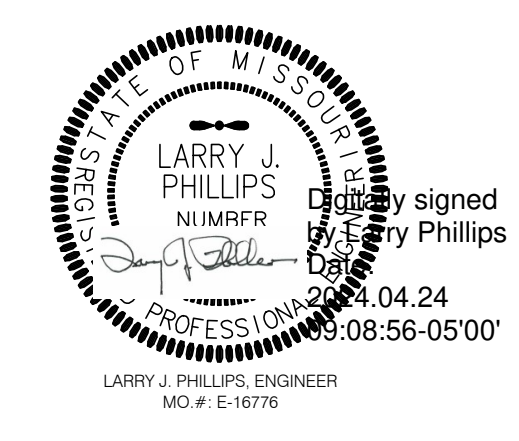
PARTIAL VENTILATION PLAN 1
SCALE: 1/4" = 1'-0" M-100



SCOPE OF WORK

1. REMOVE EXISTING RTUS AND EXH FANS, REPLACE WITH NEW EQUIP. RE: SHTS M-152 & M-153 FOR NEW EQUIPMENT.
2. INSTALL NEW CURBS ON EXISTING ROOF STRUCTURE.
3. RECONNECT ALL EXISTING DUCTWORK TO NEW EQUIP. FIELD VERIFY ALL DIMENSIONS.
4. EXISTING ELECTRICAL AND CONTROL WIRING SHALL BE RECONNECTED. VOLTAGES SHALL BE VERIFIED TO COORD WITH NEW EQUIP, ANY REVISIONS SHALL BE RESPONSIBILITY OF MECH CONTRACTOR.
5. REMOVE EXISTING GAS LINES ON ROOF AND SUPPORTS REPLACE GAS PIPING AND ROOF SUPPORTS AFTER ROOF REPLACEMENT. RECONNECTION WITH MANUAL SHUT-OFF, UNION AND DRIPLEG.
6. REFLASH EXISTING PLUMBING VENTS TO NEW ROOF MEMBRANE.

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



BUXTON KUBIK DODD
DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
PHONE: 417.890.5543 FAX: 417.890.5563
MISSOURI CERTIFICATE OF AUTHORITY NO. A-2006007284

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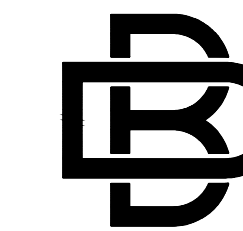
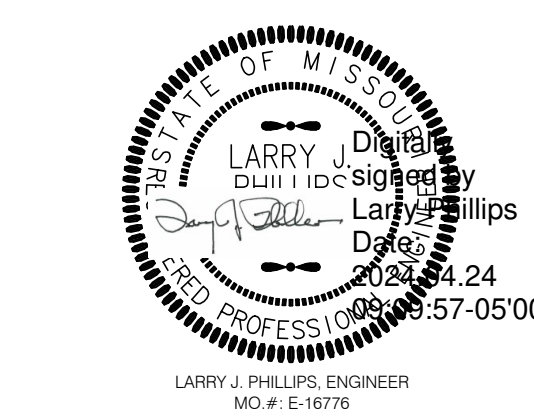
CAD DWG FILE: M-151
DRAWN BY: JD
CHECKED BY: JD
DESIGNED BY: JD

SHEET TITLE:
**RE-ROOF PLAN
EXISTING BLDG
MECHANICAL**
(BID ALTERNATE #02)

SHEET NUMBER:

M-151

31 OF 37 SHEETS
04/24/2024



**BUXTON KUBIK DOD
DESIGN COLLECTIVE**
3100 S. NATIONAL AVENUE, SUITE 3
SPRINGFIELD, MO 65808
PHONE: 417.890.5543 FAX: 417.890.8
MISSOURI CERTIFICATE OF AUTHORITY NO. A-2006007

NOTES:

1. REMOVE EXISTING RTUs AND EXH FANS, REPLACE WITH NEW EQUIP. RE: SHTS M-152 & M-153 FOR NEW EQUIPMENT.
2. INSTALL NEW CURBS ON EXISTING ROOF STRUCTURE.
3. RECONNECT ALL EXISTING DUCTWORK TO NEW EQUIP. FIELD VERIFY ALL DIMENSIONS.
4. EXISTING ELECTRICAL AND CONTROL WIRING SHALL BE RECONNECTED. VOLTAGES SHALL BE VERIFIED TO COORD WITH NEW EQUIP, ANY REVISIONS SHALL BE RESPONSIBILITY OF MECH CONTRACTOR.
5. REMOVE EXISTING GAS LINES ON ROOF AND SUPPORTS REPLACE GAS PIPING AND ROOF SUPPORTS AFTER ROOF REPLACEMENT. RECONNECTION WITH MANUAL SHUT-OFF, UNION AND DRIPLEG.
6. REFLASH EXISTING PLUMBING VENTS TO NEW ROOF MEMBRANE.

BID ALTERNATE NO. 1:

REMOVE ALL EXISTING ROOF TOP EQUIP AND CURBS FOR REEROOF (ACCEPT RTU 2). REINSTALL EXISTING EQUIP AND RECONNECT TO EXISTING DUCTWORK, ELECTRICAL AND STATS.
FIELD VERIFY FUNCTIONALITY OF EXISTING EQUIP AND PROVIDE REPAIRS IF REQUIRED
RE: ARCH ROOF PLAN A151

BID ALTERNATE NO. 2:

REMOVE ALL EXISTING ROOF TOP EQUIP AND CURBS FOR REEROOF (ACCEPT RTU 2). REINSTALL NEW EQUIP AND RECONNECT TO EXISTING DUCTWORK, ELECTRICAL AND STATS.
FIELD VERIFY SIZE AND CONFIG OF EXISTING DUCTS AND SUPPLY CONNECTING FITTING IF REQUIRED
RE: ARCH ROOF PLAN A151

ELECTRICAL:

ALL NEW RTUs SHALL HAVE NEW FUSIBLE DISCONNECTS

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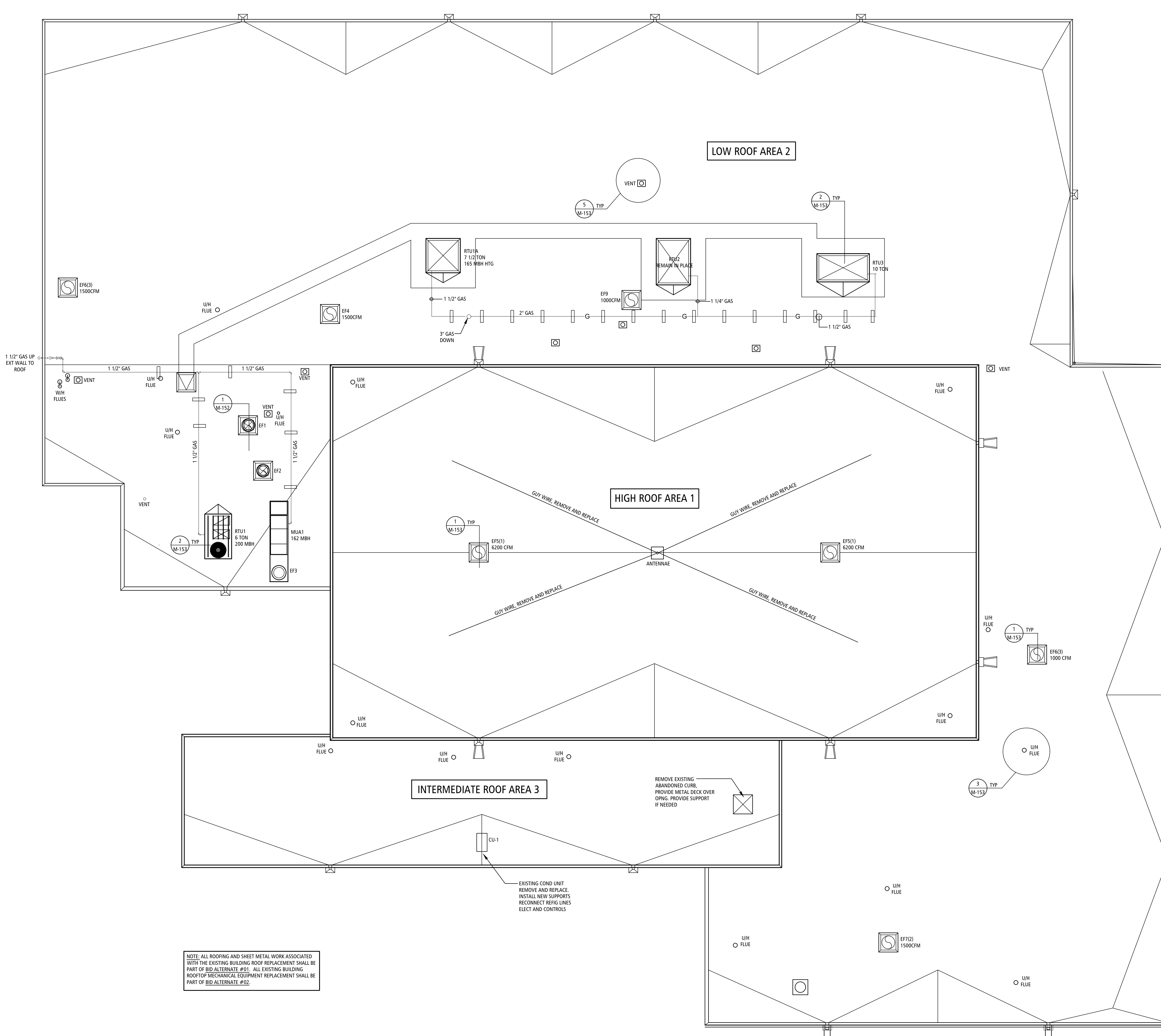
CAD DWG FILE: _____
DRAWN BY: JD _____
CHECKED BY: JD _____
DESIGNED BY: JD _____

SHEET TITLE:
**RE-ROOF NEW
MECHANICAL
PLAN**
(BID ALTERNATE #02)

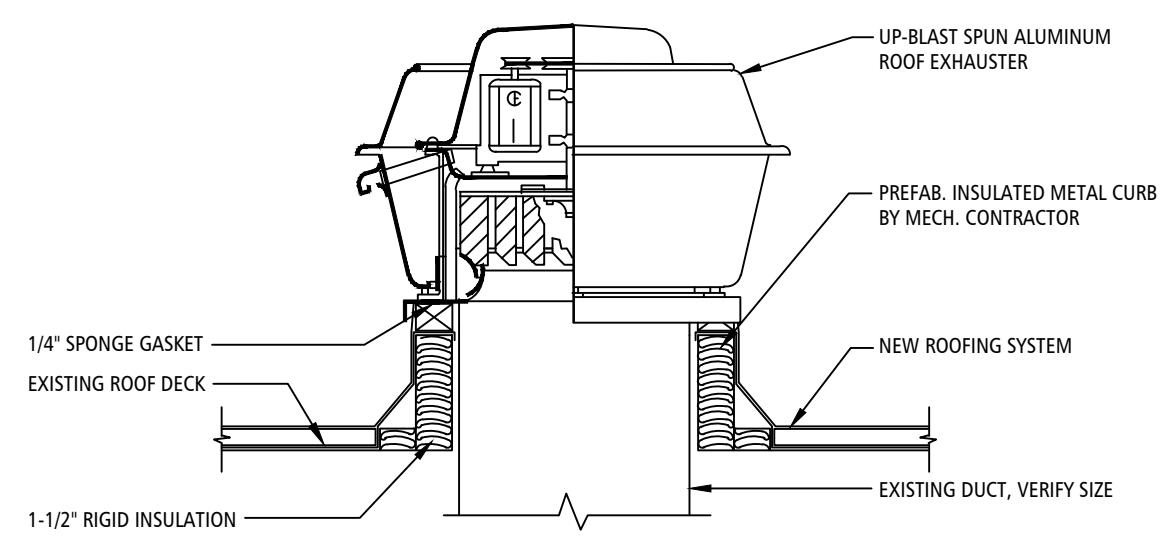
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M-152

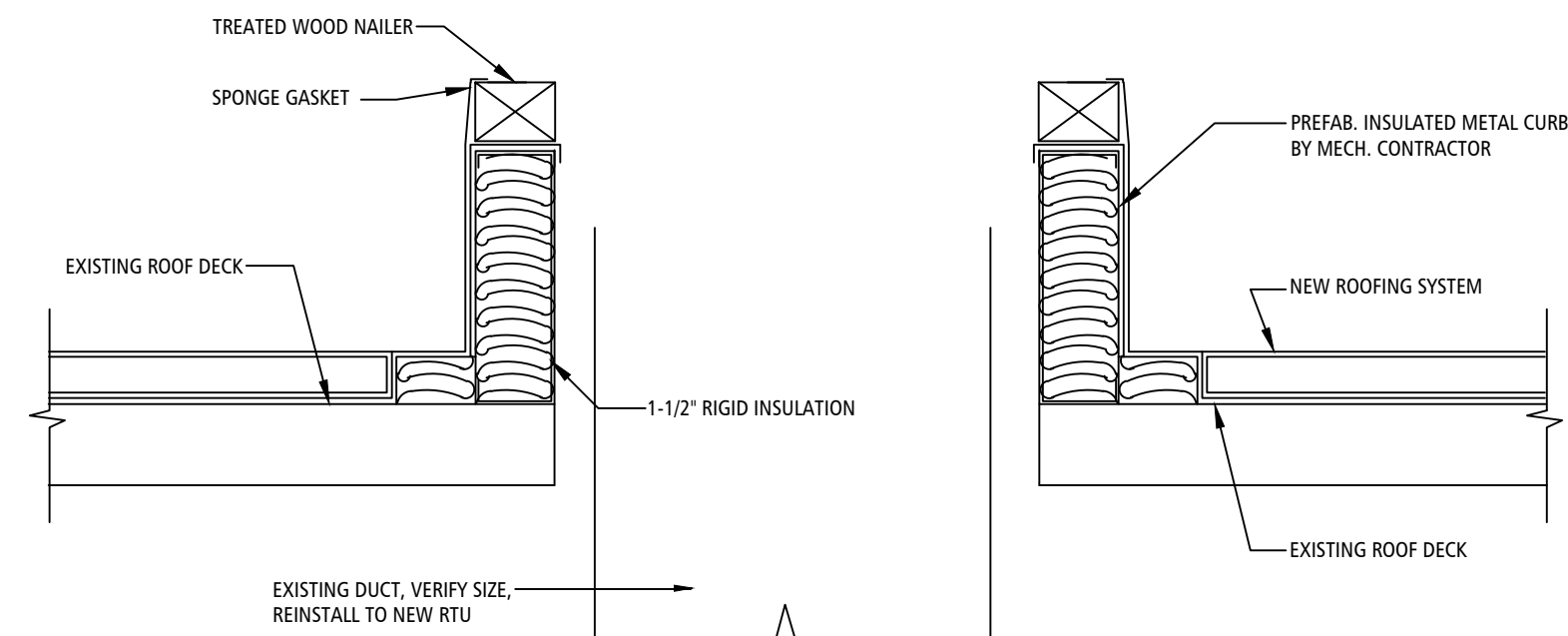
32 OF 37 SHEETS
04/24/2024



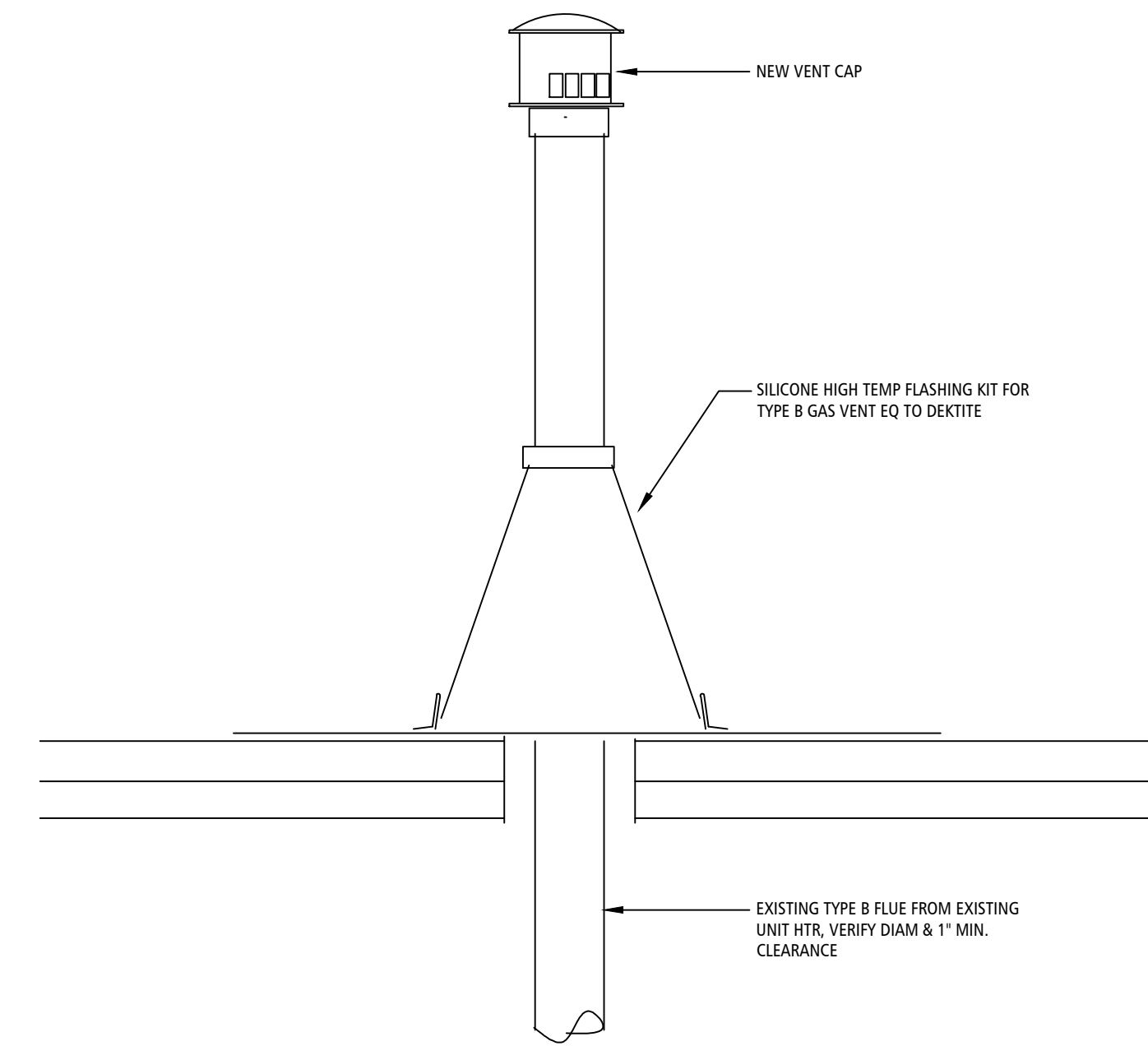
RE-ROOF - NEW MECHANICAL PLAN 1
SCALE: 1/8" = 1'-0" M-152



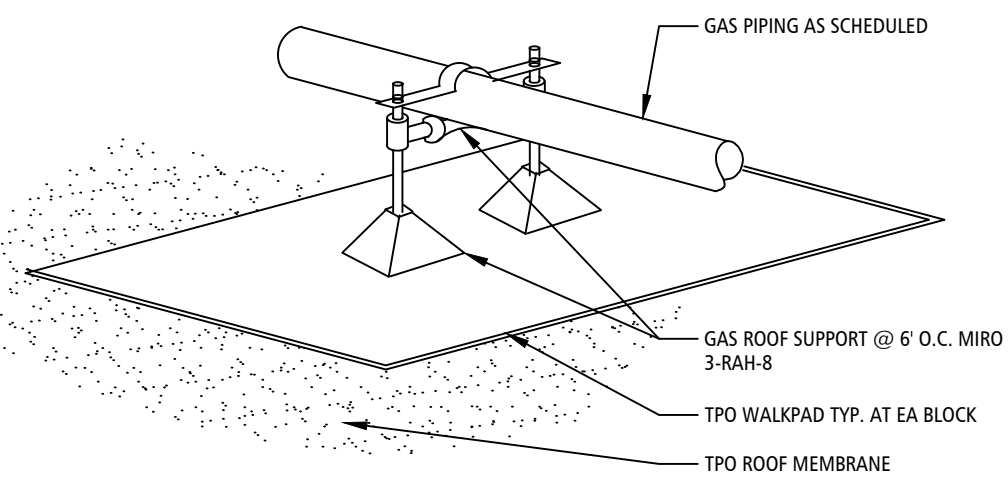
NEW EXHAUST FAN CURB SECTION 1
SCALE: 1-1/2"=1'-0" A-153



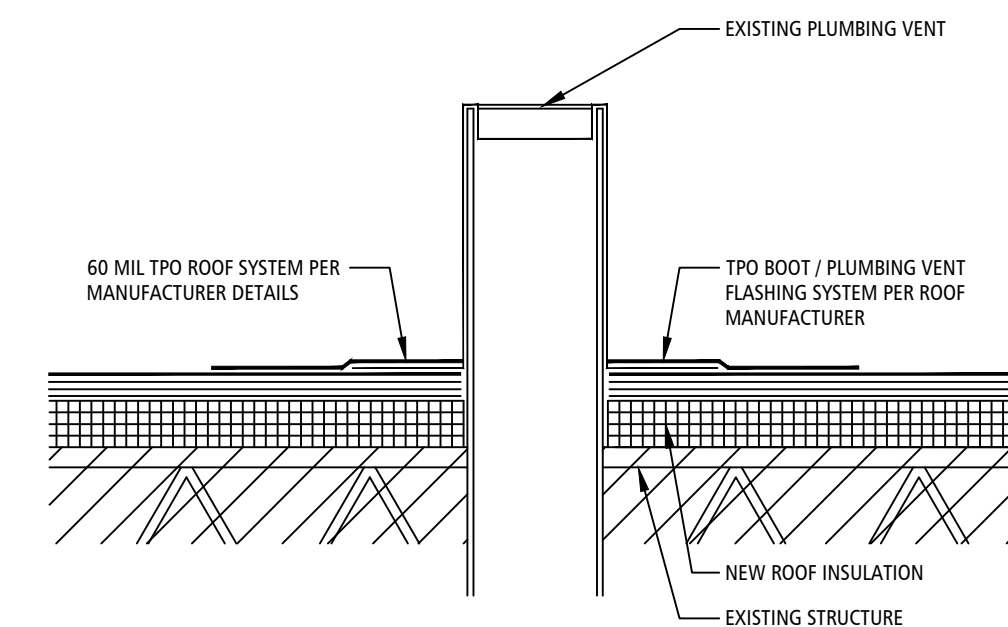
NEW RTU CURB DETAIL SECTION 2
SCALE: 1-1/2"=1'-0" A-153



UNIT HTR FLUE RE-FLASHING 3
SCALE: 1"=1'-0" A-153



GAS PIPING ROOF SUPPORT DETAIL 4
NOT TO SCALE A-153

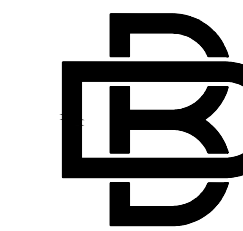
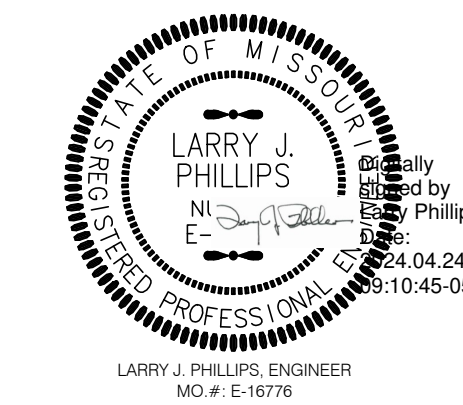


PLUMBING VENT FLASHING 5
SCALE: 1"=1'-0" A-153

PACKAGED ROOFTOP UNITS																								
MARK	MANUFACTURER	MODEL #	LOCATION	RMA TOTAL TONS	AIR FLOW				COOLING COOL DR								HEATING		SUPPLY FAN		ELECTRICAL SERVICE		WEIGHT	NOTES
					TOTAL FLOW (CFM)	OA (CFM)	RELEF TYPE	TOTAL CAP (BARTON)	COOL CAP (BARTON)	MMAP/PROP	E.A. (B.B.)	E.A. (W.B.)	L.A. (D.B.)	L.A. (I.B.)	L.A. (S.B.)	CONDENSATE	HEAT UNIT (BTU/H)	HEAT UNIT (BTU/H)	HP	E.P. (W.G.)	VOLTS/PH	MCA		
RTU-1	YORK	0H102 N152TAAGA	ROOF	8.5	3400	625	BAROM	88	71	7	75	67	55	52	95	187	150	3	.8	208/3800	50	60	1116	REFER TO NOTE-1
RTU-1A	CARRIER	48TE0808AS-BA0C0	ROOF	7.5	3000	700	BAROM	86	62	7	75	67	55	52	95	180	144	3	.8	208/3800	39	28	1037	
RTU-2	EXISTING	EXISTING UNIT TO REMAIN	ROOF	5																				
RTU-3	CARRIER	48TE1202-AN0C0	ROOF	10	3800	625	BAROM	117	88	7	75	67	55	52	95	224	180	3	.8	208/3800	58	70	1300	
MUA-1	CAPTEVAR	A1-G100 W DIRECT FIBED HTR	ROOF		2500	100%		91	81							250	200	1	1	208/1800	10	20	850	W/ FAN SPEED CONTROL
CU-1	CARRIER/OSHMA	RAV-SP42-04T2	ROOF	3.5																208/1800	24	40	400	

FAN SCHEDULE										
MARK	DESCRIPTION	MANUFACTURER	MODEL NUMBER	HP	CFM	RPM	E.S.P.	WATTS/VOLTS/PH	REMARKS	NOTES
EF-1	CENTRIFUGAL ROOF FAN	COOK	100R15DM	1/8	537	1640	.250	120/1	RCA-16 CURB	1
EF-2	CENTRIFUGAL ROOF FAN	COOK	16SR10D	1/3	2543	1075	.250	120/1	RCA-16 CURB	1
EF-3	CENTRIFUGAL ROOF FAN, UPBLAST	COOK	150SC6B	3/4	2641	1519	1/2	120/1	25A 2P BRNXL, RCA-22 CURB	1,2,3
EF-4	CENTRIFUGAL ROOF FAN	COOK	13SR10D	1/6	1550	1075	.125	120/1	RCA-18CURB	1
EF-5	CENTRIFUGAL ROOF FAN	COOK	24HEFB8	1.5	3600	1348	.250	208/3	RCA-34CURB, MOTORIZED LOUVER	1
EF-6	CENTRIFUGAL ROOF FAN	COOK	120R10D	1/6	998	1075	.125	120/1	RCA-18CURB	1
EF-7	CENTRIFUGAL ROOF FAN	COOK	13SR10D	1/6	1550	1075	.125	120/1	RCA-18CURB	1
EF-8	CENTRIFUGAL ROOF FAN	COOK	180R10D	3/4	3800	1075	.250	480/3	RCA-28CURB	
EF-9	CENTRIFUGAL ROOF FAN	COOK	120R10D	1/6	998	1075	.125	120/1	RCA-18CURB	

NOTES:
1. VERIFY EXT S.P. WITH FAN MANUF
2. PROVIDE SELF DRAINING GREASE SYSTEM AND HINGE KIT
3. INTERLOCK WITH MAU-1



BUXTON KUBIK DODD
DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
PHONE: 417.800.5543 FAX: 417.800.5563
MISSOURI CERTIFICATE OF AUTHORITY NO. A-2006007284

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

NATIONAL GUARD

CONSTRUCT ADDITION
JOPLIN READINESS CENTER
2000 W. 32ND STREET
JOPLIN, MISSOURI 64804

PROJECT # T2333-01
SITE # 6276
FACILITY # 8136276002

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

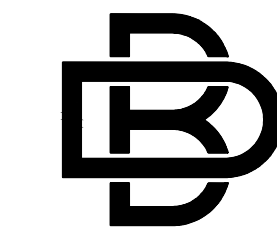
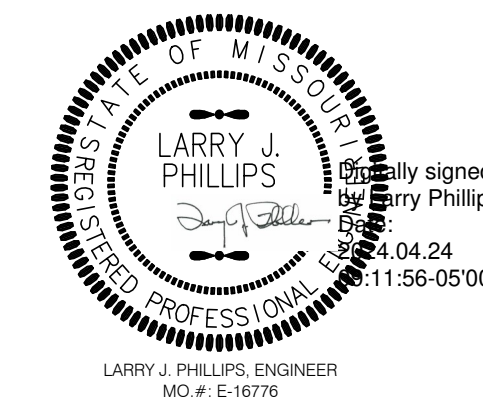
ISSUE DATE: 04/24/2024

CAD DWG FILE: A-150
DRAWN BY: JD
CHECKED BY: JD
DESIGNED BY: JD

SHEET TITLE:
RE-ROOF DETAILS
(BID ALTERNATE #02)

SHEET NUMBER:

M-153



BUXTON KUBIK DODD
DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
PHONE: 417.800.5543 FAX: 417.800.5563
MISSOURI CERTIFICATE OF AUTHORITY NO. A-200607284

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SITE # 6276
FACILITY # 8136276002

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 04/24/2024

CAD DWG FILE: E-100
DRAWN BY: JD
CHECKED BY: JD
DESIGNED BY: JD

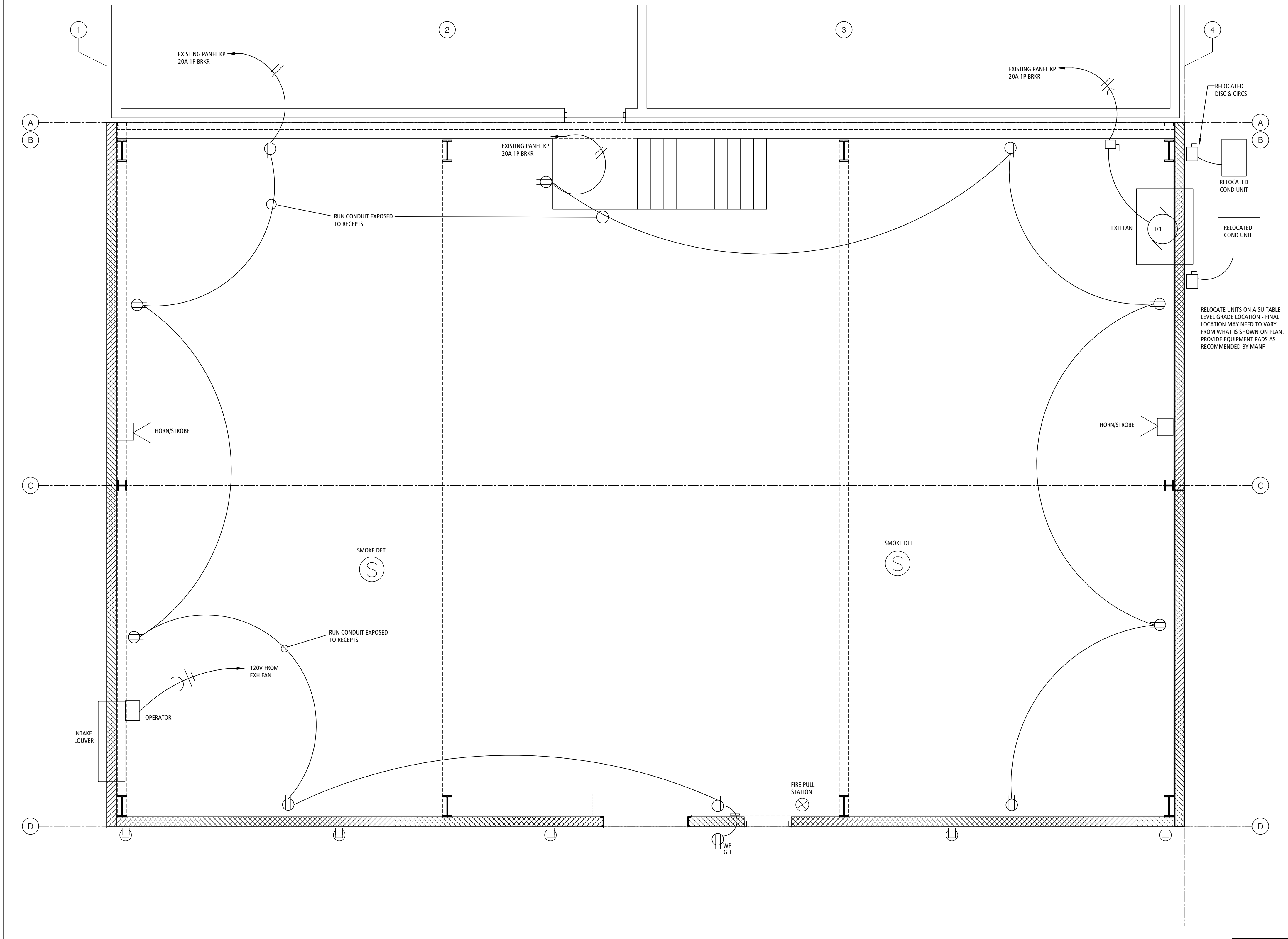
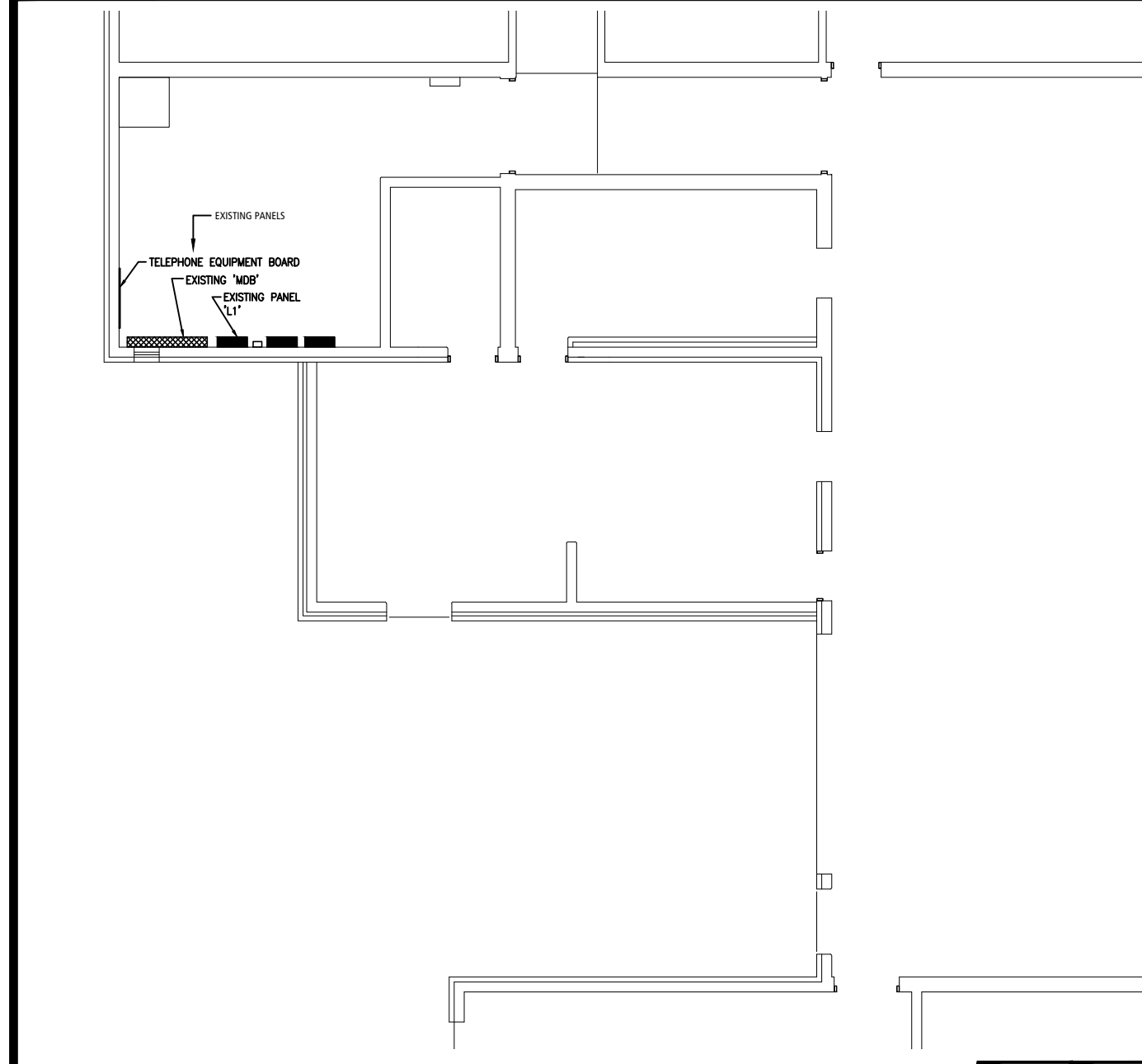
SHEET TITLE:
PARTIAL POWER PLAN

SHEET NUMBER:
E-100
34 OF 37 SHEETS
04/24/2024

GENERAL ELECTRICAL NOTES

- THESE NOTES APPLY TO ALL ELECTRICAL SHEET IN THE DRAWING SET.
- ALL ELECTRICAL WORK SHALL ADHERE STRICTLY TO THE 2011 NATIONAL ELECTRICAL CODE.
- COORDINATE FEED AND CONNECTION LOCATIONS FOR MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR.
- ELECTRICAL CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY TO COMPLETE ALL ELECTRICAL WORK AS SHOWN ON PLANS UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL COORDINATE POWER ENTRANCE AND AERIAL SERVICE WITH LOCAL ELECTRIC UTILITY COMPANY.
- ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH ALL LOCAL CODES HAVE JURISDICTION OVER THIS WORK HEREIN. WORK IS SUBJECT TO INSPECTION BY AGENCIES HAVING JURISDICTION.
- DISCREPANCIES BETWEEN PLANS AND LOCAL CODES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER DURING BIDDING AND PRIOR TO INSTALLATION.
- ALL CUTTING AND PATCHING REQUIRED FOR THE INTRODUCTION AND PLACEMENT OF ELECTRICAL WORK SHALL BE DONE PER SPECIFICATIONS.
- ALL MATERIALS SHALL BE NEW AND OF QUALITY SPECIFIED. ALL WORK SHALL BE EXECUTED IN A NEAT AND ORDERLY MANNER.
- THE PLANS SHOW THE WORK CONTEMPLATED BUT THE ELECTRICAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR TAKING HIS OWN MEASUREMENTS AND INSTALLING HIS WORK TO FIT CONDITIONS ENCOUNTERED.
- ELECTRICAL CONTRACTOR SHALL REPORT ANY DISCREPANCIES OR INTERFERENCES TO ARCHITECT/ENGINEER THAT MAY BE DISCOVERED DURING BIDDING AND PRIOR TO INSTALLATION FOR PROPER APPROVAL OR DEVIATING FROM ORIGINAL DESIGN LAYOUT.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH DATA AND TV SUPPLIER REQUIRED BOXES AND CONDUIT.
- TYPE NM CABLE IS ALLOWED IN THE TYPE S RESIDENTIAL UNITS.
- METAL-CLAD, TYPE MC, MAY BE USED FOR BRACH CIRCUITS ONLY IN DRY LOCATIONS WHERE NOT SUBJECT TO PHYSICAL DAMAGE (I.E. LOCATED IN WALLS) PER THE FOLLOWING REQUIREMENTS.
 1. CABLES CONTAIN THHN INSULATED COPPER CONDUCTORS INCLUDING FULL RATED, INSULATED COPPER GROUND CONDUCTOR.
 2. CABLE SHALL BEAR UL LABEL AND MANUFACTURERS "E" NUMBER.
 3. CABLE SHALL UTILIZE ALUMINUM OR GALVANIZED STEEL INTERLOCKED ARMOR COVER.
 4. RATED FOR TWO HOUR FIRE RATING PER UL FIRE WALL PENETRATION TEST, UL 1479.
 5. ANTI-SHORT BUSHING SHALL BE INSTALLED IN EACH CABLE TERMINATION.
 6. SHALL NOT BE INSTALLED AS "HOME RUN"; SEE SPECIFICATION SECTION 260533, PARAGRAPH 3.02, B. FOR BRANCH CIRCUIT HOME RUN DEFINITION.
 7. SHALL TERMINATE WITH STEEL LOCKNUT STYLE CABLE CONNECTORS UL LISTED FOR USE WITH MC CABLE.
 8. JACKET-NONE (UNLESS SPECIFIED OR SHOWN FOR DIRECT-BURIAL OR WET LOCATIONS, THEN JACKET SHALL BE UV RESISTANT, 40 MIL PVC).
 9. CONTAIN SEPARATE NEUTRAL PER PHASE OR SINGLE OVERSIZED NEUTRAL CONDUCTOR.
- ALL CONDUIT RAN THROUGH EXPOSED CEILING SPACES WITHIN A PUBLIC SPACE SHALL RAN TIGHT TO STRUCTURE AND BE CONTINUOUS UNTIL IT PENETRATES INTO AN ENCLOSED CEILING SPACE.
- ALL CONDUIT RAN THROUGH EXPOSED CEILING SPACES SHALL BE PAINTED TO MATCH THE EXPOSED CEILING FINISH.
- ALL DEVICES SHALL BE "GRAY" IN COLOR AND ALL AND COVER PLATES TO BE STAINLESS STEEL, UNLESS NOTED OTHERWISE ON THE PLANS.

EXISTING PANELBOARD 'KP'										LOCATION: MECH EQUIP.							
AMPS: 225		MAIN: MLD		VOLTS/PHASE/WIRE: 120/208/3/4		MOUNTING: SURFACE											
BRKR.	A	P	LOAD	CIRCUIT NO.	WATTS	PHASE LOADS	CIRCUIT NO.	WATTS	LOAD	P	A						
20	1		LIGHTS	1100	1	1790	2	690	ICE MAKER	2	20						
20	1		RECEPTACLES	600	3	1590	4	690									
20	1		RECEPTACLES	360	5		750	6	390	1-1/2 HP DISPOSAL	3	20					
50	3		BOOSTER HEATER	3000	7	3390	8	390									
				3000	9		10	390									
				3000	11		3870	12	870	PEELER	1	20					
30	3		DISHWASHER	2960	13	4750	14	1790	FREEZER	1	20						
				2960	15		16	1380	FREEZER	1	20						
				2960	17		4210	18	1350	REFRIGERATOR	1	20					
20	3		3 HP DISPOSAL	730	19	2890	20	2160	OVEN	1	25						
				730	21		22	500	GRIDDLE	1	20						
				730	23		2020	24	1290	FLOOR RECEPTACLE	1	20					
60	3		BOOSTER HEATER	5000	25	5360	26	360	BRAISING PAN	1	20						
				5000	27		28	1350	FOOD WARMER	2	20						
				5000	29		6350	30	1350								
30	3		SINK HEATER	3000	31	4180	32	1180	EXHAUST FAN 3	1	20						
				3000	33		34	750	MAU-1	3	15						
				3000	35		3750	36	750								
20	3		3 HP DISPOSAL	730	37	1480	38	750									
				730	39		1080	40	350	COLD FOOD	1	20					
				730	41		2080	42	1350	FOOD WARMER	2	20					
20	1		SLICER	1480	43	2830	44	1350									
20	1		RECEPTACLES	600	45	600	46		SPARE	1	20						
20	1		SPARE		47		48										
20	1		EXHAUST FAN 1 & 2	1400	49	1400	50										
20	3		SUMP PUMP	440	51	440	52										
				440	53	440	54										
				440	55		440	56									
20	3		SUMP PUMP	440	57	440	58		SPACE								
				440	59		440	60									
				440	61		440	62									
				63	63		64	64									
				65	65		66	66									
20	1		NEW RECEPTS	1080	67		68										
20	1		NEW RECEPTS	900	69		70										
20	1		NEW EXH FAN	864	71		72										
20	1		NEW ADDITION LTG	1326	73		74										
20	1		NEW LTG EXT	140	75		76										
				140	77		78										
				79	80		81										
				81	82		84										
				83	83												
TOTAL LOAD:		73.4 KW		204 AMPS		28170		22430		23130		I.C.		22,000		RMS SYM. AMPS	



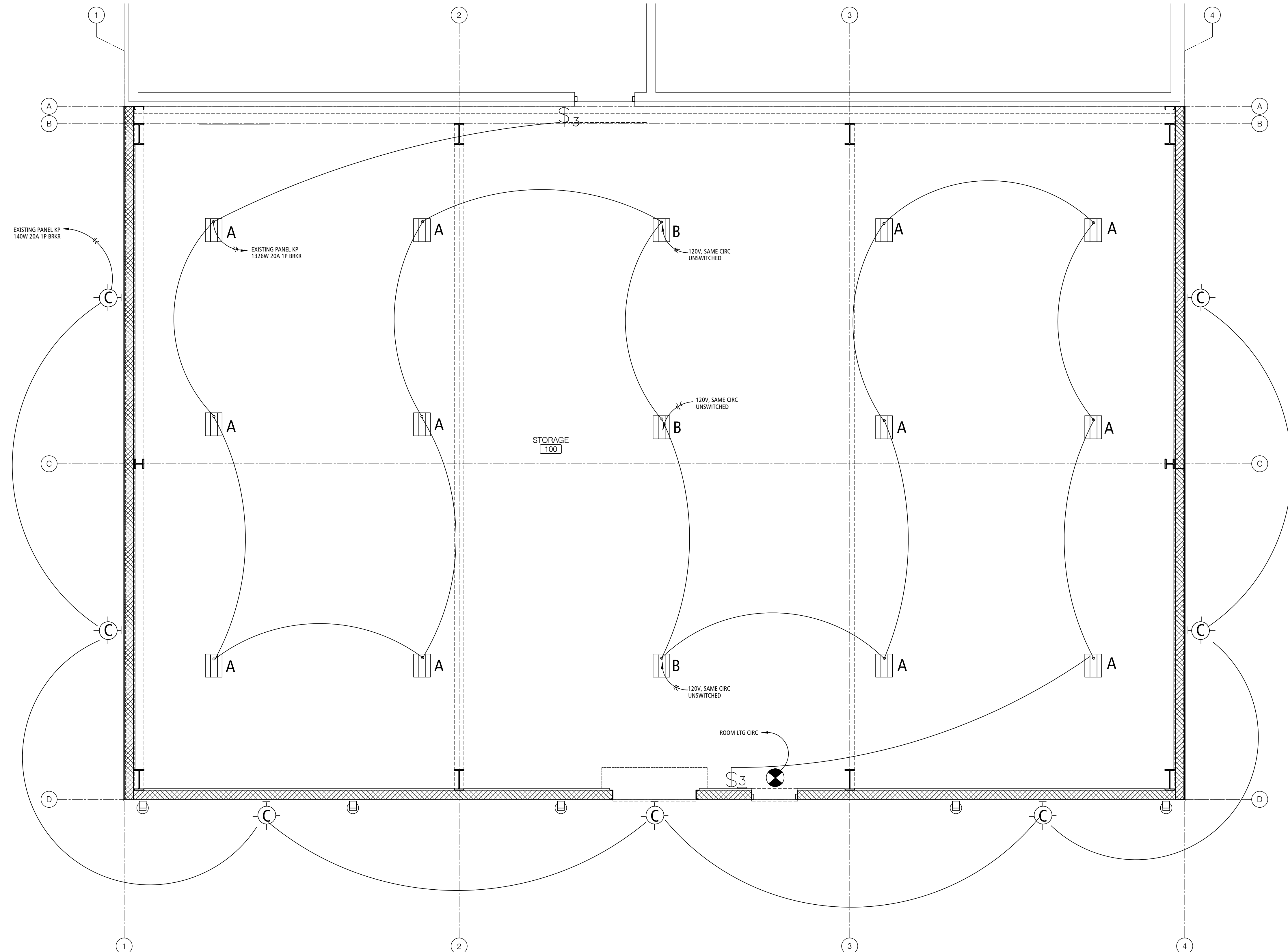
PARTIAL POWER PLAN 1
SCALE: 1/4"=1'-0" E-100

KEY PLAN 2
NOT TO SCALE E-100

LIGHT FIXTURE SCHEDULE

MARK	MANUFACTURER	CATALOG NO.	LAMP			FINISH	MOUNTING	VOLTS	INPUT WATTS	REMARKS
			NO.	WATTS	DESCRIPTION					
A	WILLIAMS	GS-2-L129/835-CA-DIM-120	LED	85	3500K LED	WHITE	SUSP 2'	120	85	
B	WILLIAMS	GS-2-L129/835-CA-EM20W-DIM-120	LED	85	3500K LED EMERG BATT	WHITE	SUSP 2'	120	85	INCLUDE BATTERY PACK
C	LUMARK	PRV-PA1-B-740-U-SWQ-SM-BZ	LED	31	4000K LED W/ PHOTOCELL	DK BRONZE	WALL	120	31	INCLUDE PHOTOCELL, REF: ARCH ELEVS FOR MTG HT
D	MC GRAW GLEON	GLEON SAC 740 C 2 T4W BZ	LED	258	4000K LED W/ PHOTOCELL	DK BRONZE	25' POLE	208	258	INCLUDE PHOTOCELL, REF: 25' BRONZE STL POLE
	WILLIAMS	EXIT-R-EM-WHT-AC-D	LED	5	LED EXIT		WALL ABOVE DOOR	120	5	EMERG EXIT

SCHEDULE NOTES:
 RE: SHEETS A-200, A-201, A-202, A203 FOR LOCATION OF WALL SCONCES TO BE REPLACED, NEW FIXTURES WILL UTILIZE EXISTING CIRCUITS, COORDINATE EXISTING VOLTAGE AND INSURE NEW FIXTURES MATCH. NEW FIXTURES TO BE MK 'C' ON ELECT FIXT SCHEDULE.

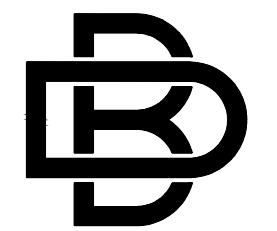
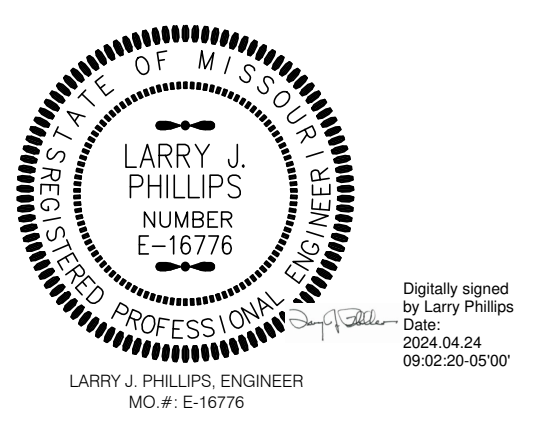


PARTIAL LIGHTING PLAN 1
 SCALE: 1/4" = 1'-0" E-200

GENERAL LIGHTING NOTES

- A. THE GENERAL NOTES ON THIS SHEET SPACE SHALL APPLY TO ALL OTHER SHEET SPACES.
- B. ALL INSTALLATIONS SHALL CONFORM TO THE 2018 NATIONAL ELECTRIC CODE AND THE CURRENT ADOPTIVE ORDINANCES IN EFFECT FOR STRAFFORD, MISSOURI.
- C. PLANS ARE DIAGRAMMATIC IN NATURE AND NOT TO BE SCALED. REFER TO ARCHITECTURAL DRAWINGS FOR FINISH DETAILS, ELEVATIONS, AND EXACT MOUNTING LOCATIONS OF AIR TERMINALS.
- D. ANY ADDITIONAL IMPACT COSTS, DESIGN MODIFICATIONS, ADDITIONAL ARCHITECTURAL AND/OR ENGINEERING SERVICES, MATERIALS, LABOR CHANGES, SCHEDULE CHANGES AND/OR OTHER UNANTICIPATED CONSEQUENCES RESULTING FROM SUBSTITUTIONS IN LIEU OF THE SPECIFIED ITEMS ON THE PLANS AND SPECIFICATIONS SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR, SUBCONTRACTOR, AND/OR SUPPLIER. NO ADDITIONAL COST SHALL BE INCURRED TO THE ARCHITECT, ENGINEER OR OWNER FOR THESE CHANGES.
- E. CLOSELY COORDINATE ALL WORK WITH ALL OTHER TRADES.
- F. SEAL ALL PENETRATIONS THROUGH FIRE-RATED ASSEMBLIES AS NECESSARY TO RESTORE FIRE-RESISTANCE RATING OF ASSEMBLY. REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR RATED ASSEMBLIES, FIRE STOPPING MATERIALS, AND REQUIREMENTS.
- G. ALL EXIT AND EMERGENCY LIGHT FIXTURES SHALL BE MOUNTED AT 9'-0" MAX ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.
- H. FIXTURE WITH THE "N" (NIGHT LIGHTS) SYMBOL SHALL NOT BE CONNECTED TO THE SWITCH LEG AND SHALL ALWAYS REMAIN ON.
- I. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONNECTIONS TO ALL EQUIPMENT, INCLUDING BUT NOT LIMITED TO HVAC EQUIPMENT. PROVIDE ALL CORD AND PLUG SETS AS NEEDED. COORDINATE ALL WORK AND ROUGH-INS WITH EQUIPMENT INSTALLATION.
- J. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT, WIRE, AND BOXES NECESSARY FOR LIGHTING CONTROLS.
- K. ELECTRICAL CONTRACTOR SHALL COORDINATE ALL DEVICE LOCATIONS WITH FURNITURE.
- L. COORDINATE ALL DEVICE HEIGHTS WITH ARCHITECTURAL ELEVATIONS, EQUIPMENT, CASEWORK INSTALLATION, AND FURNITURE INSTALLATION.
- M. ALL EXTERIOR SCONES SHALL BE REPLACED, RE: SHTS A-200, A-201, A202, AND A-203. LIBERTY ELECT SHALL REMOVE POLES, WIRING AND FIXTURES SHOWN ON SHIT E-201, NEW SITE FIXTURES, POLES, AND LUG WIRING SHALL BE BY ELECT CONT.

STATE OF MISSOURI
 MICHAEL L. PARSON,
 GOVERNOR



BUXTON KUBIK DODD
 DESIGN COLLECTIVE
 3100 S. NATIONAL AVENUE, SUITE 300
 SPRINGFIELD, MO 65807
 PHONE: 417.890.5543 FAX: 417.890.5563
 MISSOURI CERTIFICATE OF AUTHORITY NO. A-2006007284

OFFICE OF ADMINISTRATION
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CONSTRUCT ADDITION
 JOPLIN READINESS CENTER
 2000 W. 32ND STREET
 JOPLIN, MISSOURI 64804

PROJECT # T2333-01
 SITE # 6276
 FACILITY # 8136276002

REVISION: _____
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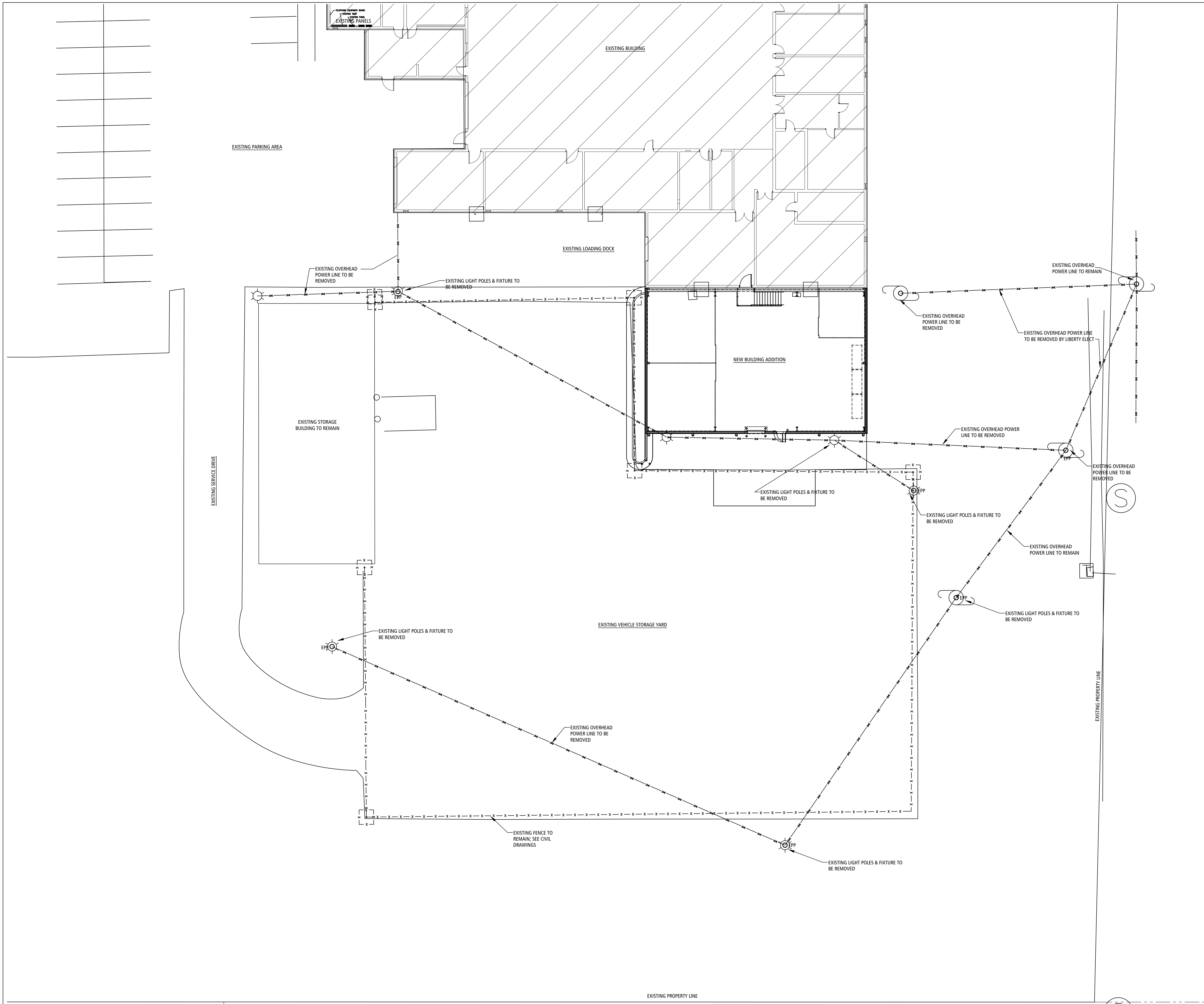
CAD DWG FILE: E-200
 DRAWN BY: JD
 CHECKED BY: JD
 DESIGNED BY: JD

SHEET TITLE:
PARTIAL LIGHTING PLAN

SHEET NUMBER:

E-200

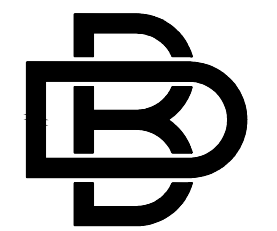
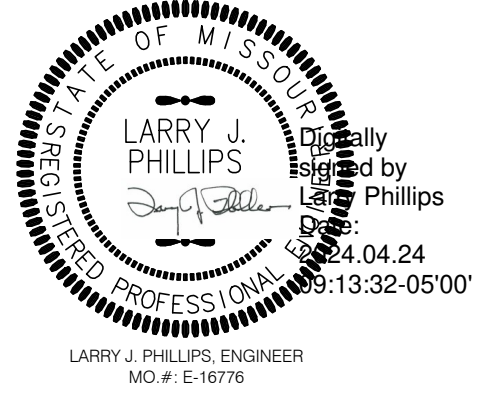
35 OF 37 SHEETS
 04/24/2024



SITE ELECTRICAL NOTES

1. VERIFY EXISTING CONDITIONS
2. REVISIONS OF SITE LIGHTING BY EMPIRE ELECTRIC, INCLUDING POLE REMOVAL INCLUDING REVISIONS OF CIRCUITRY. CONTRACTOR SHALL COORDINATE LIGHT POLE WORK REQUIRED BY THE ELECTRIC UTILITY.
3. REMOVAL OF SITE LIGHTING BY EMPIRE ELECTRIC, INCLUDING POLE REMOVAL INCLUDING REMOVAL OF OVERHEAD ELECT. CONTRACTOR SHALL COORDINATE LIGHT POLE, FIXTURE, AND OHD ELECTRICAL WITH LIBERTY ELECT.
4. RE: SHT E-202 FOR NEW LIGHTING SYSTEM.

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



BUXTON KUBIK DODD
DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
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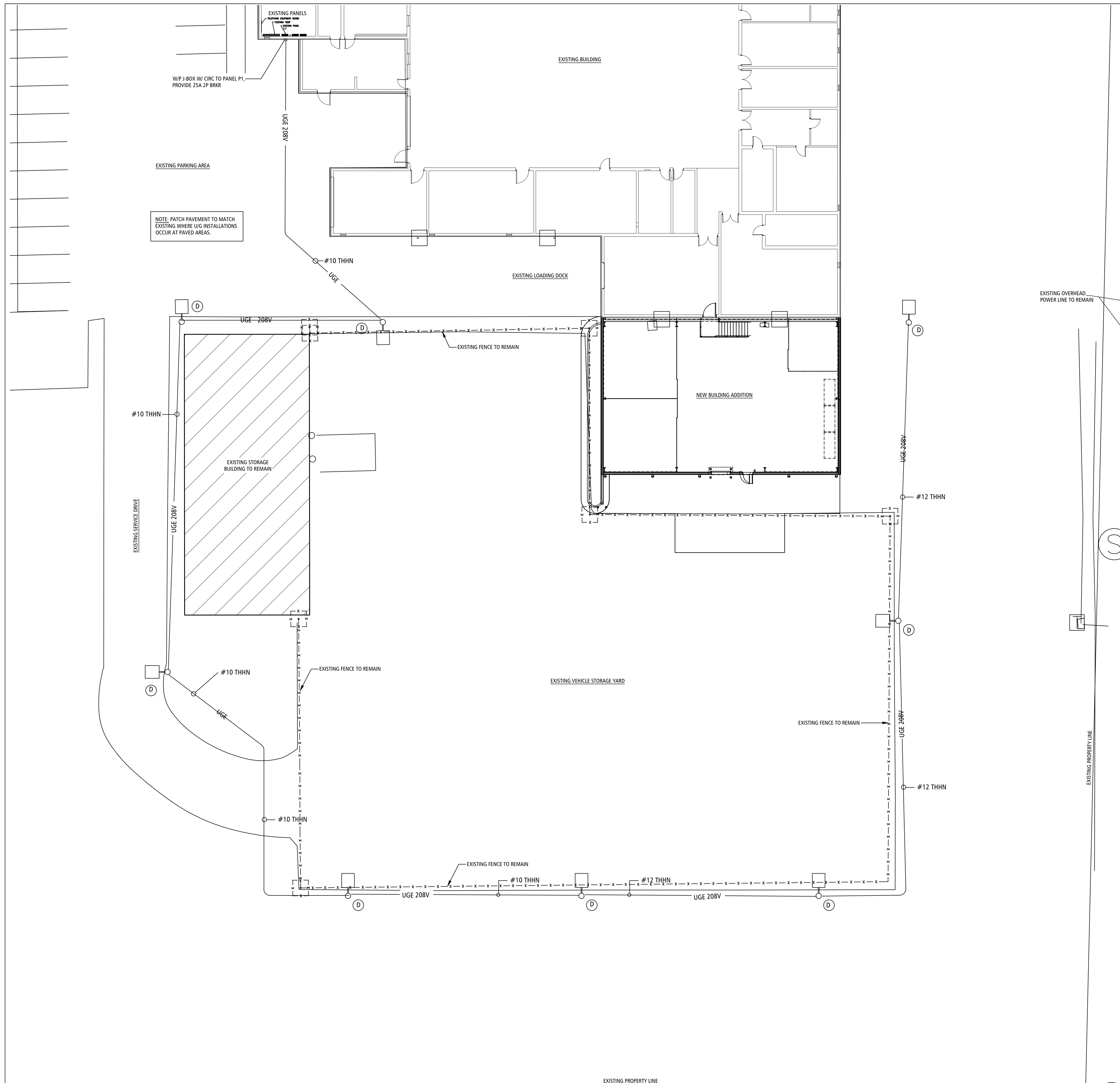
CAD DWG FILE: E-201
DRAWN BY: JD
CHECKED BY: JD
DESIGNED BY: JD

SHEET TITLE:
**EXISTING SITE
LIGHTING
REMOVAL PLAN**

SHEET NUMBER:

E-201

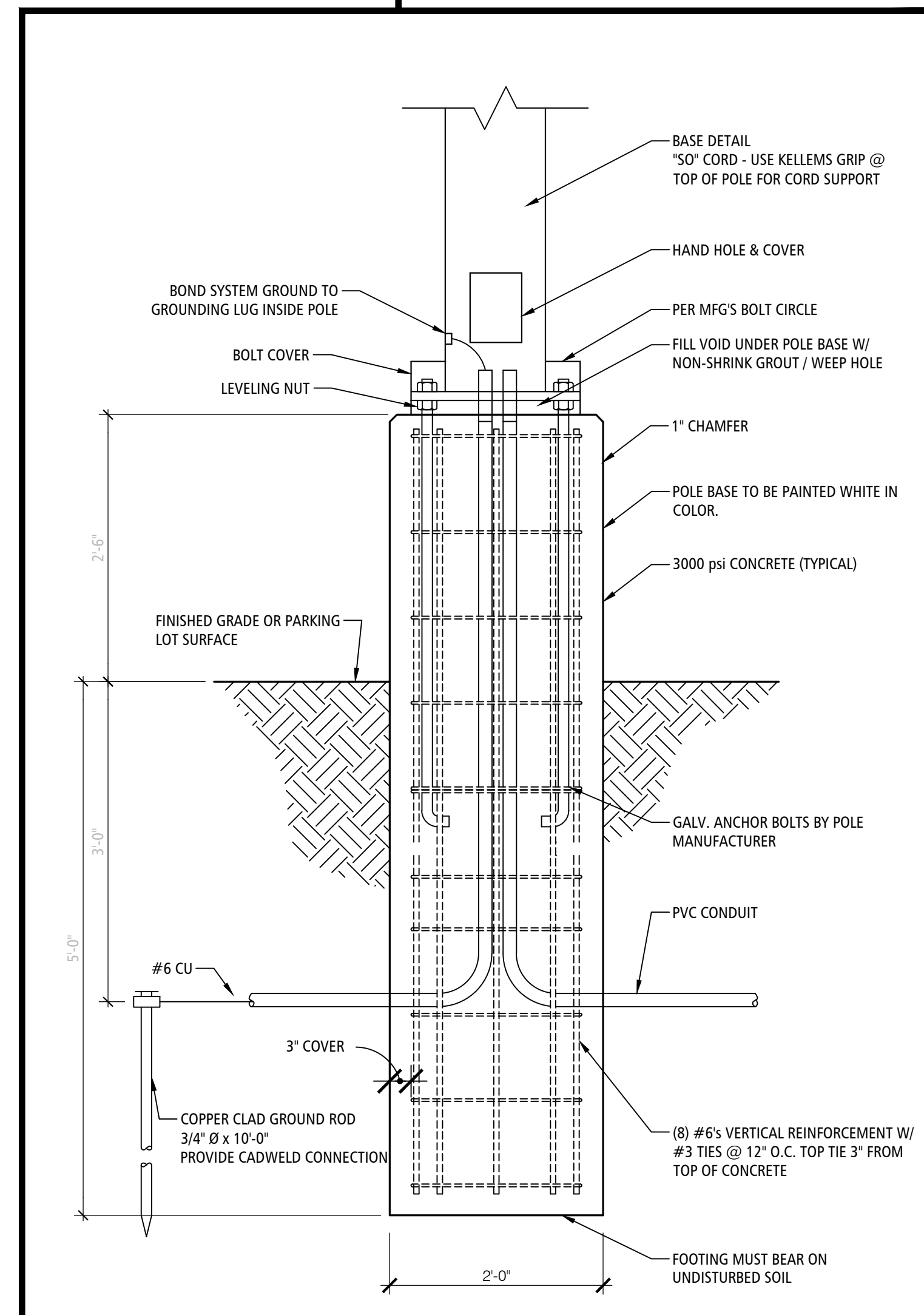
36 OF 37 SHEETS
04/24/2024



SITE ELECTRICAL NOTES

1. VERIFY EXISTING CONDITIONS
2. REVISIONS OF SITE LIGHTING BY EMPIRE ELECTRIC, INCLUDING POLE REMOVAL INCLUDING REVISIONS OF CIRCUITRY. CONTRACTOR SHALL COORDINATE LIGHT POLE WORK REQUIRED BY THE ELECTRIC UTILITY.
3. REMOVAL OF SITE LIGHTING BY EMPIRE ELECTRIC, INCLUDING POLE REMOVAL INCLUDING REMOVAL OF OVERHEAD ELECT. CONTRACTOR SHALL COORDINATE LIGHT POLE, FIXTURE, AND OHD ELECTRICAL WITH LIBERTY ELECT
4. RE: SHT E-202 FOR NEW LIGHTING SYSTEM.

RE: SHEET E-200 FOR LIGHT FIXTURE SCHEDULE



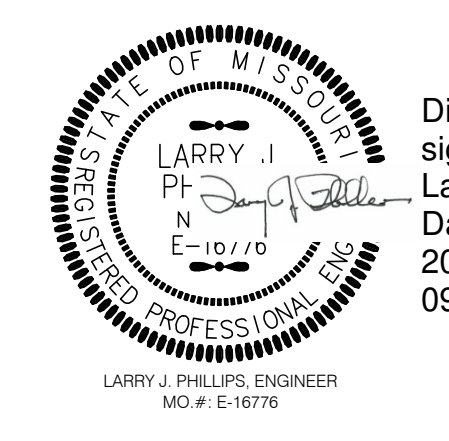
NEW SITE LIGHTING PLAN 1 E-202

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

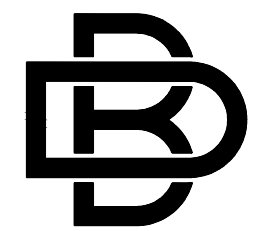
LIGHT POLE BASE DETAIL 2 E-202

NOT TO SCALE

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



Digitally signed by
Larry Phillips
Date: 2024.04.24
09:14:15-0500



BUXTON KUBIK DODD
DESIGN COLLECTIVE
3100 S. NATIONAL AVENUE, SUITE 300
SPRINGFIELD, MO 65807
PHONE: 417.800.5543 FAX: 417.800.5563
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ISSUE DATE: 04/24/2024

CAD DWG FILE: E-201
DRAWN BY: JD
CHECKED BY: JD
DESIGNED BY: JD

SHEET TITLE:
**SITE LIGHTING
PLAN**

SHEET NUMBER:

E-202

37 OF 37 SHEETS
04/24/2024