

JEFFERSON CITY READINESS CENTER BUILDING 1

REPAIRS TO INTERIOR/EXTERIOR

JEFFERSON CITY, MISSOURI



Simon Oswald Associates, Inc.

www.soa-inc.com

2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407

Architecture Interior Design
Planning Sustainability

OWNER: STATE OF MISSOURI
 MIKE KEHOE,
 GOVERNOR

DEPARTMENT OF MISSOURI NATIONAL
GUARD

PROJECT OFFICE OF ADMINISTRATION
MANAGEMENT: DIVISION OF FACILITIES MANAGEMENT,
 DESIGN AND CONSTRUCTION

DESIGNER: Nicholas Bryon Borgmeyer -
 Architect
 PH#: (573)443-1407
 EMAIL:borgmeyer@soa-inc.com

PROJECT NUMBER: #T2505-01
SITE NUMBER: #6292
ASSET NUMBER: #8136292001

MISSOURI STATE CERTIFICATE OF AUTHORITY
#000826



Nicholas Bryon Borgmeyer - Architect
License No. A-2025015734

SHEET NUMBER:

G001

1 of 53 SHEETS

April 7, 2026

CODE & ZONING INFORMATION

- Applicable Codes:**
- 2018 International Building Code (IBC)
 - 2018 International Plumbing Code (IPC)
 - 2018 International Mechanical Code (IMC)
 - 2017 National Electric Code (NEC)
 - The Americans With Disabilities Act (ADAAG)
 - National Fire Protection Agency (NFPA 101)
 - American Society of Heating Refrigerating and Air-Conditioning Engineers ASHRAE Standard 90.1 for Energy Efficient Design of New Buildings
 - American Society of Mechanical Engineers (ASME)
 - Boiler and Pressure Vessel Act of the State of Missouri -

Zoning: RA-2 - Residential High Density District
Fire Sprinklers: Non-sprinklered
Local Fire Department: City of Jefferson Fire Department
Local Building Code Jurisdiction: Missouri National Guard

General Information:
 Use Group - Mixed-use, non separated: B, A-3
 Accessory Use: S-2
 Construction Type - IIB
 Maximum allowable area per floor (Table 506.2):
 A-3: 9,500 sf + 7,125 sf (frontage increase) = 16,625 sf
 B: 23,000 sf + 17,250 sf (frontage increase) = 40,250 sf

Actual Building Area
 First Floor: 32,657 SF
 Second Floor: 14,029 SF
 Total: 46,686 SF

Maximum Allowable Height: 2 stories and 55' (non-sprinklered)
 Actual Building Height: 2 stories and 25'-6"

OCCUPANT LOAD:

- REFER TO HATCH FOR FLOORING SCOPE:
- BUSINESS OCCUPANCY:**
 LOWER LEVEL - 9,043 SF
 UPPER LEVEL - 12,139 SF
 21,182 SF / 150 SF/OCC (GROSS); 142 OCC
 - A-3 ASSEMBLY OCCUPANCY:**
 LOWER LEVEL (DRILL HALL) - 4,380 SF - IS THERE A POSTED CAPACITY #??
 UPPER LEVEL (CLASSROOMS) - 1,380 SF
 5,760 SF / 150 SF/OCC (NET); 384 OCC
 - A-3 ASSEMBLY OCCUPANCY:**
 LOWER LEVEL (EXERCISE ROOM) - 2,041 SF
 2,041 SF / 50 SF/OCC (NET); 41 OCC
 - STORAGE/MECHANICAL OCCUPANCY:**
 LOWER LEVEL - 15,664 SF
 UPPER LEVEL - 17 SF
 15,681 SF / 300 SF/OCC (GROSS); 53 OCC
 - 620 TOTAL OCCUPANTS**
 LOWER LEVEL SF: 32,657 SF
 UPPER LEVEL SF: 14,029 SF

New Work: new work is considered at a maintenance level without significant reconfiguration. The AHJ shall determine that new components shall comply with new construction regulations, even if the existing assembly that a new component is located in would not be compliant (e.g., replacing a door that should have a 20-min rating in corridor that should have a 60 minute fire rating).

PLUMBING FACILITIES PROVIDED

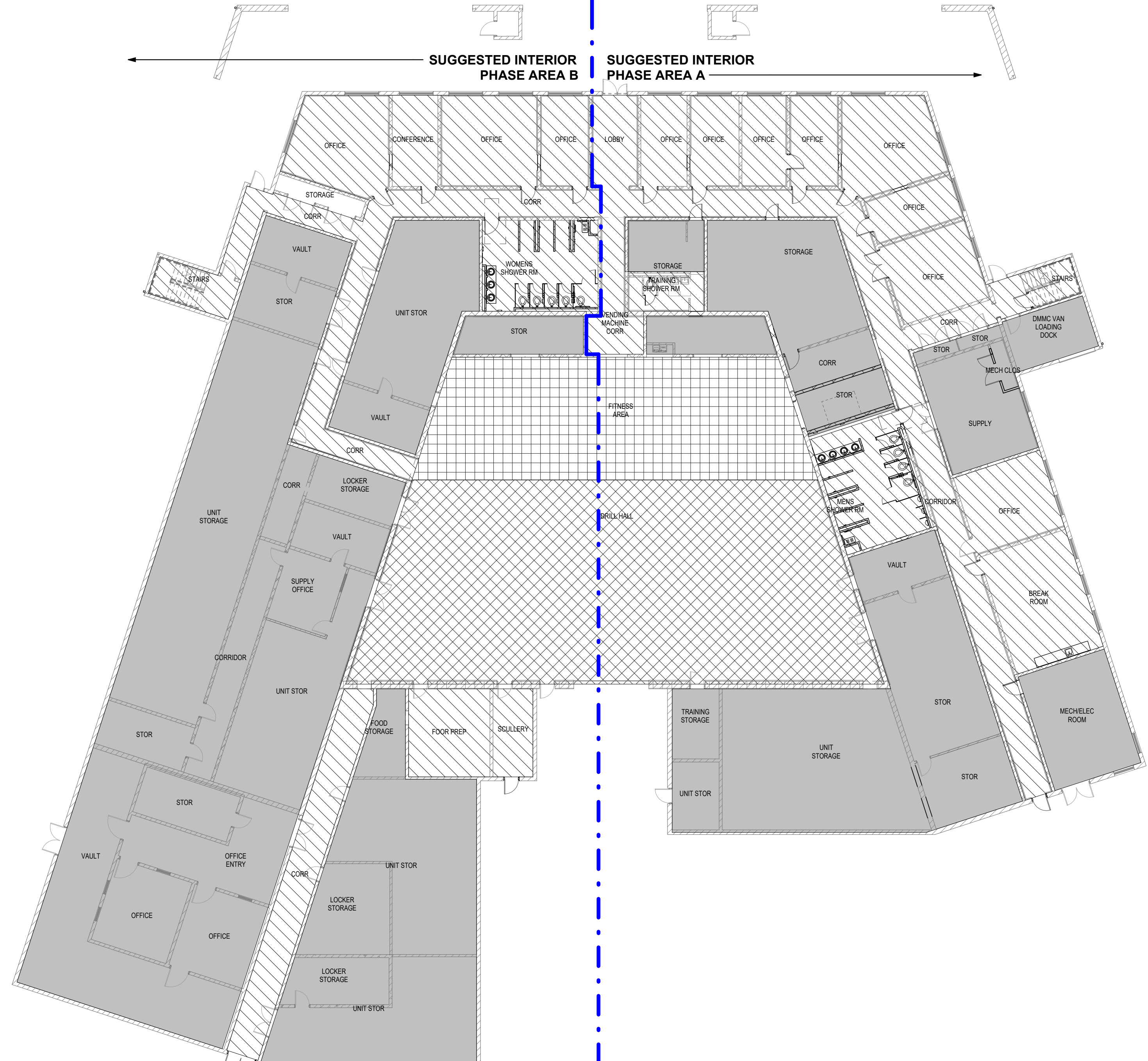
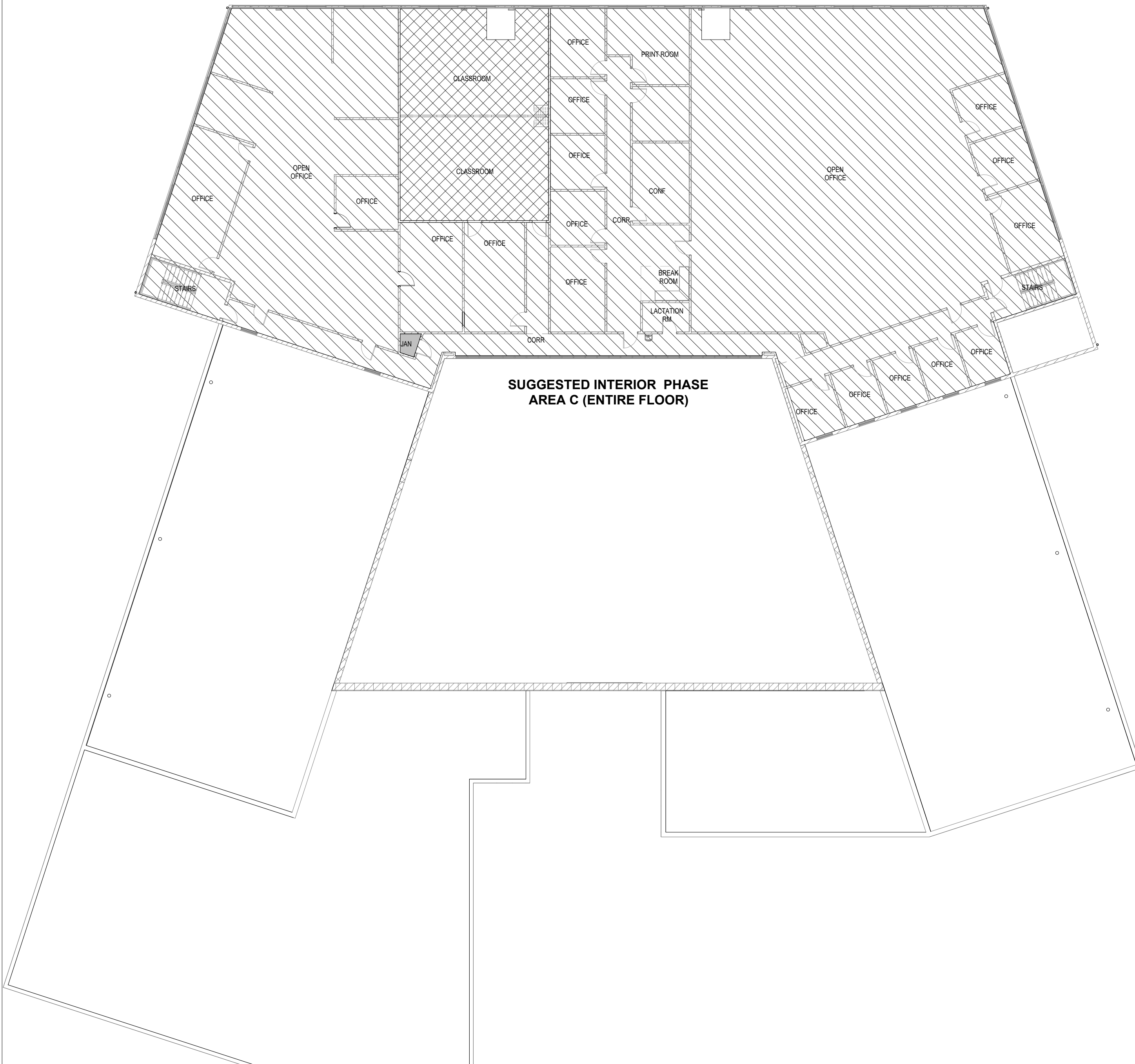
USE	OCC. LOAD (USE / SEX)	WATER CLOSETS				LAVATORIES			SERVICE SINKS	DRINKING FOUNTAIN			
		RATIO (M)	RATIO (FM)	MALE	FEMALE	BATHTUBS/SHOWERS	RATIO	MALE		FEMALE	FAMILY OR ASSTD USE	RATIO	
B	145 / 73	1:25 FOR FIRST 50, THEN 1 PER 50	1:25 FOR FIRST 50, THEN 1 PER 50	2.46	2.46	-	1:40 FOR FIRST 80, THEN 1:80	1.825	1.825		1	1/100	1.45
A	425 / 213	1:75	1:75	2.84	2.84	-	1:200	1.065	1.065			1/1000	.213
S	51 / 26	1:100	1:100	.26	.26	-	1:500	.052	.052			1/1000	.051
REQUIRED				5.56	5.56	-	2.942	2.942		1			2.021
TOTAL PROVIDED				6	5	8		4	3		2		3

SHEET LIST

- GENERAL**
 G001 COVER SHEET
 G002 SHEET LIST, SCHEDULE, AND LIFE SAFETY REVIEW
- CIVIL**
 C-100 DESIGN TOPOGRAPHIC SURVEY
 C-101 CIVIL SITE DEMOLITION PLAN
 C-102 CIVIL SITE LAYOUT PLAN
 C-103 CIVIL SITE GRADING PLAN
 C-500 CIVIL SITE DETAILS
 C-501 CIVIL SITE DETAILS
 C-502 EROSION CONTROLS DETAILS
- STRUCTURAL**
 S-100 FRAMING PLANS
 S-101 FRAMING DETAILS
- ARCHITECTURAL**
 A001 PARTITION TYPES & TYPICAL MOUNTING HEIGHTS
 A101 FIRST FLOOR DEMOLITION PLAN
 A102 FIRST FLOOR DEMOLITION RCP
 A103 SECOND FLOOR DEMOLITION PLAN AND ALTERNATE NO.3
 A104 SECOND FLOOR DEMOLITION RCP
 A105 ROOF DEMOLITION PLAN
 A201 FIRST FLOOR NEW WORK PLAN AND ALTERNATE NO.2
 A202 FIRST FLOOR REFLECTED CEILING PLAN
 A203 SECOND FLOOR NEW WORK PLAN AND ALTERNATE NO.3
 A204 SECOND FLOOR REFLECTED CEILING PLAN AND ADD ALT NO.3
 A205 ROOF PLAN
 A301 BUILDING ELEVATIONS
 A401 BUILDING SECTIONS
 A501 ENLARGED RESTROOM PLANS & INTERIOR ELEVATIONS AND ADD ALT NO. 2

SHEET LIST

- A602 ROOF DETAIL & ROOF SECTIONS
 A701 DOOR & FRAME SCHEDULES
 A711 FIRST FLOOR FINISH FLOOR PLAN AND ADD ALT NO. 2 & 4
 A712 SECOND FLOOR FINISH FLOOR PLAN AND ADD ALT NO. 4
 A713 ROOM FINISH SCHEDULE, INT. FINISH KEY, AND ADD ALT NO. 2 & 4
- MECHANICAL**
 M-101 HVAC DEMO PLAN - FIRST FLOOR
 M-102 HVAC DEMO PLAN - SECOND FLOOR
 M-103 HVAC PLAN - FIRST FLOOR
 M-104 HVAC PLAN - SECOND FLOOR
 M-501 HVAC DETAILS
 M-601 HVAC SCHEDULES
- ELECTRICAL**
 E-101 ELECTRICAL DEMO PLAN - FIRST FLOOR
 E-102 ELECTRICAL DEMO PLAN - SECOND FLOOR
 E-103 POWER PLAN - FIRST FLOOR
 E-104 POWER PLAN - SECOND FLOOR
 E-105 LIGHTING PLAN - FIRST FLOOR
 E-106 LIGHTING PLAN - SECOND FLOOR
 E-107 SITE LIGHTING PLAN
 E-501 ELECTRICAL DETAILS & SCHEDULES
 E-601 ELECTRICAL SCHEDULES
- FIRE PROTECTION**
 F-101 FIRE ALARM - FIRST FLOOR (ALTERNATE 1)
 F-102 FIRE ALARM - SECOND FLOOR (ALTERNATE 1)
- PLUMBING**
 P-101 PLUMBING DEMO PLAN - FIRST FLOOR
 P-102 PLUMBING DEMO PLAN - SECOND FLOOR
 P-103 SANITARY SEWER PLAN - FIRST FLOOR
 P-104 WATER & GAS PLAN - FIRST FLOOR
 P-105 WATER & GAS PLAN - SECOND FLOOR
 P-501 PLUMBING DETAILS & SCHEDULES



02 SECOND FLOOR CODE PLAN
 A301|G002 1/16" = 1'-0"

01 FIRST FLOOR CODE PLAN
 A301|G002 1/16" = 1'-0"

STATE OF MISSOURI
 MIKE KEHOE,
 GOVERNOR



PROFESSIONAL SEAL



Architecture
 Interior Design
 Planning
 Sustainability
 2801 Woodard Drive, Suite 103
 Columbia, MO 65202
 573.443.1407
www.soa-inc.com
 Simon Oswald Associates, Inc.
 Missouri Certificate of
 Authority Number: 000826

CIVIL ENGINEER:
 601 MONROE STREET, SUITE 201
 JEFFERSON CITY, MO 65101-3180
 PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
 2400 Bluff Creek Drive, Suite 101
 Columbia, Missouri 65201
 573.234.4492
www.j-squaredeng.com

**OFFICE OF ADMINISTRATION
 DIVISION OF FACILITIES
 MANAGEMENT,
 DESIGN AND
 CONSTRUCTION**

**DEPARTMENT OF MISSOURI
 NATIONAL GUARD**

**JEFFERSON CITY
 READINESS CENTER
 BUILDING 1 - REPAIRS TO
 INTERIOR / EXTERIOR**

**801 ARMORY DRIVE,
 JEFFERSON CITY,
 MISSOURI**

PROJECT # T2505-01
 SITE # 6292
 ASSET # 8136292001

REVISION	DATE

CAD DWG FILE:T2505-01_G002.dwg
 DRAWN BY: BW
 CHECKED BY: NB
 DESIGNED BY: AR

SHEET TITLE:
**SHEET LIST, SCHEDULE,
 AND LIFE SAFETY
 REVIEW**

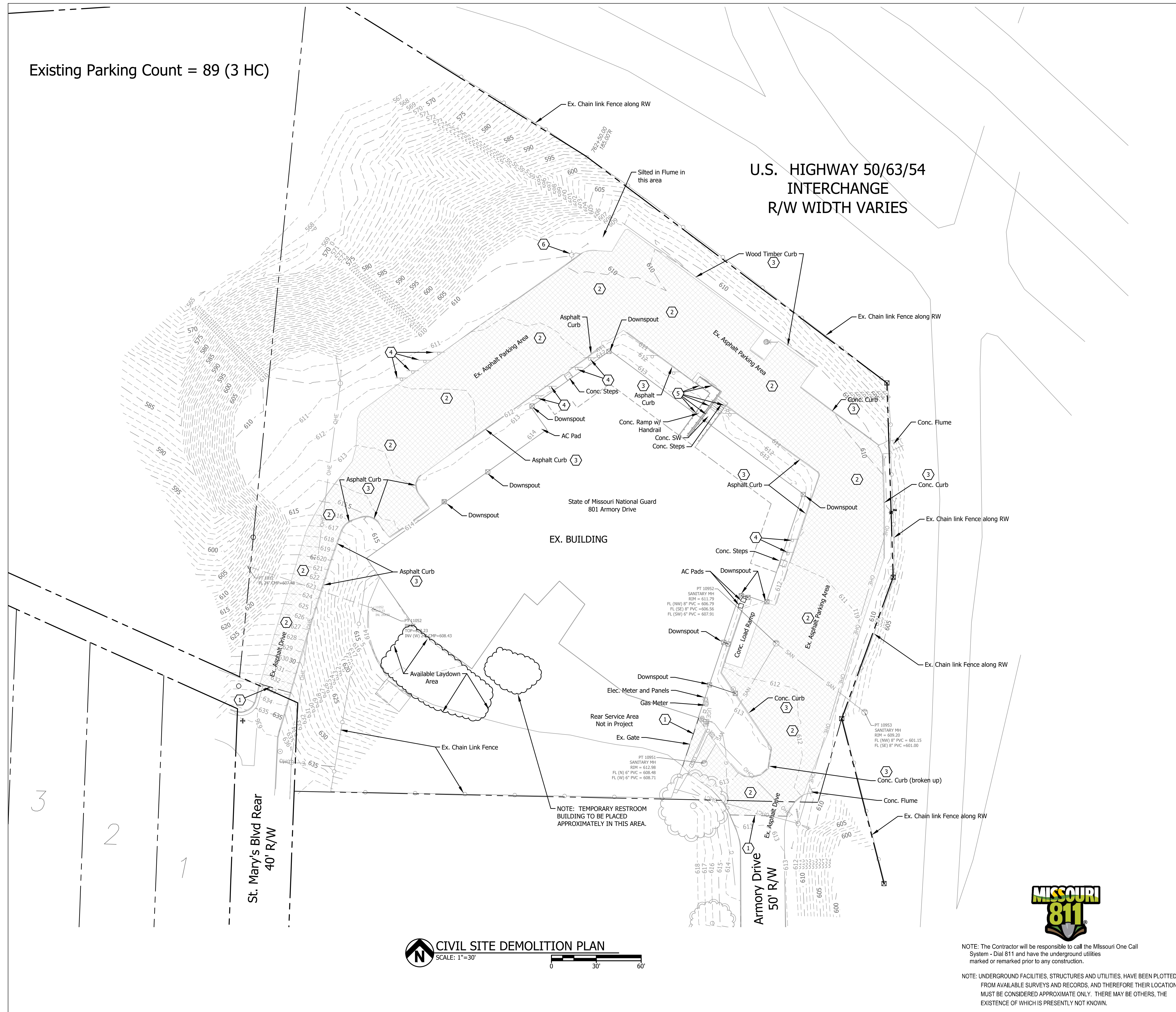
SHEET NUMBER:

G002

2 of 53 SHEETS
 APRIL 7, 2026

Existing Parking Count = 89 (3 HC)

U.S. HIGHWAY 50/63/54
INTERCHANGE
R/W WIDTH VARIES



CIVIL SITE DEMOLITION PLAN
SCALE: 1"=30'



NOTE: The Contractor will be responsible to call the Missouri One Call System - Dial 811 and have the underground utilities marked or remarked prior to any construction.

NOTE: UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES, HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN.

GENERAL NOTES

- CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE DURING DEMOLITION AND IS RESPONSIBLE FOR ALL DEWATERING NECESSARY FOR CONSTRUCTION.
- CARE SHALL BE EXERCISED BY THE CONTRACTOR TO PRESERVE AND/OR PROTECT ANY EXISTING VEGETATION OUTSIDE OF AREAS TO BE GRADED. THE PERSON(S) WHO DAMAGES ANY OF THESE AREAS SHALL BE HELD RESPONSIBLE FOR ALL COSTS OF REPLACEMENT MATERIALS AND LABOR.
- ALL WASTE EXCAVATION, CONSTRUCTION MATERIALS, DEMOLISHED STRUCTURES AND DEBRIS REMOVED FROM THE SITE SHALL COMPLY WITH THE CITY OF JEFFERSON CITY, MO. DESIGN CODES.
- CONTRACTOR SHALL PROVIDE THE APPROPRIATE BMP (COMPOST SOCK, GRAVEL FILTER BAGS, WADDLES, SILT FENCE ETC.) AROUND STOCKPILE AREA TO PROTECT ADJACENT INLETS ETC. UNTIL STOCKPILE IS REMOVED FROM SITE. ALL EXCAVATED OR OTHERWISE DISTURBED AREAS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION AS NEARLY AS IS PRACTICAL. THE REPLACEMENT MATERIALS SHALL BE COMPACTED SO AS TO PREVENT SETTLEMENT. ANY PARKING OR DRIVE SURFACING, SIDEWALK OR ESTABLISHED TURF AREAS SHALL BE REPLACED IN KIND OR AS SHOWN HEREIN.
- ALL DEMOLITION SHALL COMPLY WITH THE STATE OF MISSOURI OR CITY OF JEFFERSON CITY, MO. DESIGN CODES; WHICHEVER HAS AUTHORITY.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL BARRICADES REQUIRED FOR SAFETY IN AND AROUND THE CONSTRUCTION SITE. CONTINUOUS MAINTENANCE OF TRAFFIC CONTROL DEVICES DURING THE TERM OF THIS PROJECT IS THE CONTRACTOR'S RESPONSIBILITY. ALL TRAFFIC CONTROL DEVICES SHALL MEET THE REQUIREMENTS OF THE LATEST VERSION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS."
- ALL EXISTING STRUCTURES TO REMAIN WITHIN THE CONSTRUCTION LIMITS SHALL BE PROTECTED BY MEANS OF FENCING AND OTHER DEVICES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT THESE STRUCTURES AND CLEAN UP ALL DEBRIS NEAR, ON, OR AROUND THESE STRUCTURES AT COMPLETION OF WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING AND COORDINATING REMOVAL AND REPLACEMENT OF ALL UTILITIES ON THIS SITE WITH THE OWNER, AND THE APPROPRIATE UTILITY PROVIDER. ALL UTILITIES INCLUDE, BUT ARE NOT LIMITED TO STORM, SANITARY, GAS, ELECTRIC, WATER, TELEPHONE, AND CABLE.
- THE CONTRACTOR SHALL VERIFY ANY DEMOLITION DIMENSIONS SHOWN PRIOR TO COMMENCING DEMOLITION.
- THE CONTRACTOR SHALL ESTABLISH STAGING, STORAGE AND PARKING AREAS PER APPROVAL OF THE OWNER, THE AREAS SHALL BE FENCED WITH TEMPORARY FENCING AS APPROVED BY THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND PROTECTING ALL SURVEY STAKES (CONTROL POINTS, REFERENCE POINTS, BENCH MARKS, PROPERTY AND OFFSET CORNERS, AND ALL OTHER ESSENTIAL HORIZONTAL AND VERTICAL SURVEY CONTROL POINTS) UNTIL CONSTRUCTION ACTIVITY IS COMPLETED. THE CONTRACTOR SHALL PAY FOR RE-STAKING ANY SURVEY STAKES THAT ARE DESTROYED.
- CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN MOVING OR WORKING NEAR ANY UTILITIES.
- SAWCUTS ALONG SIDEWALKS AND PAVEMENT SHALL BE REMOVED AT THE NEAREST EXISTING JOINT IF APPLICABLE.
- ALL WORK SHALL COMPLY WITH THE CITY OF JEFFERSON CITY, MISSOURI CODES AND STANDARDS, TECHNICAL SPECIFICATIONS, AND ALL OTHER APPLICABLE REQUIREMENTS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL NECESSARY PERMITS ASSOCIATED WITH THE INSTALLATION. NOTIFY MUNICIPAL AND STATE AGENCIES AND UTILITY COMPANIES HAVING JURISDICTION, AND TO COORDINATE ALL INSPECTION REQUIRED.
- ALL FILL UNDER PAVEMENT IS TO HAVE 95% COMPACTION. ALL CUT AREAS UNDER PAVEMENT ARE TO BE TREATED AS THE FINAL LIFT OF FILL AND COMPACTED TO 95%. NON COMPRESSIBLE FILL MATERIALS SUCH AS CRUSHED ROCK WITH MINIMAL FINES MAY BE USED INSTEAD OF COMPACTED FILL IN TRENCHES.
- ALL WRITTEN DIMENSIONS, COORDINATES, BEARINGS, AND OTHER WRITTEN DATA GOVERN. PRIOR TO STARTING WORK ALL DATA IS TO BE VERIFIED BY THE CONTRACTOR.
- CONSULT ENGINEER REGARDING PROPOSED CHANGES, RELOCATION, OR MODIFICATIONS PRIOR TO THE START OF WORK.

REFERENCE NOTES:

- SAWCUT LINE (TYP.)
- REMOVE EXISTING ASPHALT PAVING AND BASE ROCK TO TO OF SUBGRADE (DIRT) ELEVATION.
- REMOVE CURB (CONCRETE OR ASPHALT)
- REMOVE SIGNAGE AND SET ASIDE FOR REINSTALLATION
- ALTERNATE BID 3 - CUT OFF EXISTING ADA RAMP AND STAIR HANDRAIL AT GRADE
- REMOVE EXISTING UTILITY POLE

LEGEND

DEMO AREA (REF. NOTE 2)

STATE OF MISSOURI
MIKE KEHOE
GOVERNOR



Brian K. McMillian, PE - Engineer
MO PE # 2003015009



Architecture Planning
Interior Design Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com

Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:



601 MONROE STREET
SUITE 201
JEFFERSON CITY, MO
65101-3180
PH: 573-634-3181

Missouri Certificate
of Authority
No. 000167 - Engineering
www.bartlettwest.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE: T2505-01_C101.dwg

DESIGNED BY: BKM
DRAWN BY: BKM
APPROVED BY:

SHEET TITLE:
**CIVIL SITE
DEMOLITION
PLAN**

SHEET NUMBER:

C-101

4 of 53 SHEETS
APRIL 7, 2026



Brian K. McMillan, PE - Engineer
MO PE # 2003015009



Architecture Planning
Interior Design Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:



601 MONROE STREET
SUITE 201
JEFFERSON CITY, MO
65101-3180
PH: 573-634-3181
Missouri Certificate of
Authority
No. 000167 - Engineering
www.bartlettwest.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE: T2505-01_C103.dwg

DESIGNED BY: BKM
DRAWN BY: BKM
APPROVED BY: _____

SHEET TITLE:
**CIVIL SITE
GRADING
PLAN**

SHEET NUMBER:

C-103

6 of 53 SHEETS
APRIL 7, 2026

GRADING NOTES

- ALL QUANTITIES SHALL BE CALCULATED BY THE CONTRACTOR AND INCLUDE ALL SUBSIDIARY ITEMS NECESSARY TO COMPLETE THE WORK.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY LOCAL PERMITS REQUIRED FOR THE SITE GRADING.
- ALL AREAS DISTURBED DURING THE PROGRESS OF THIS PROJECT SHALL BE FINISHED WITH 6" (MIN.) OF TOPSOIL AND GRADED/RESTORED TO EXISTING CONDITIONS PRIOR TO DISTURBANCE.
- ALL GROUND SURFACES SHALL VARY UNIFORMLY BETWEEN INDICATED ELEVATIONS.
- GRADING PLAN REFLECTS TOP OF TURF OR PAVEMENT ELEVATION UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN POSITIVE DRAINAGE DURING ALL PHASES OF CONSTRUCTION.
- EXISTING UTILITIES AS SHOWN ARE APPROXIMATE LOCATIONS ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION WORK. ANY DAMAGE TO EXISTING STRUCTURES, UTILITIES, FENCES, AND/OR INCIDENTALS NOT DESIGNATED FOR REMOVAL SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL NOT PERFORM FINAL GRADING OR SEEDING UNTIL ALL UTILITY INSTALLATIONS ARE COMPLETE.
- NO SLOPES ON THIS SITE SHALL EXCEED 3 TO 1 UNLESS SHOWN ON THE GRADING PLAN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND PROTECTING ALL SURVEY STAKES (CONSTRUCTION STAKES, CONTROL POINTS, REFERENCE POINTS, BENCH MARKS, PROPERTY AND OFFSET CORNERS, AND ALL OTHER ESSENTIAL HORIZONTAL AND VERTICAL SURVEY CONTROL POINTS) UNTIL CONSTRUCTION ACTIVITY IS COMPLETED. THE CONTRACTOR SHALL PAY FOR RE-STAKING ANY SURVEY STAKES THAT ARE DESTROYED.
- SEE SHEET C500 FOR NOTES AND DETAILS RELATED TO THE LAND DISTURBANCE PERMIT AND SWPPP.

LEGEND

- HP = HIGH POINT
- LP = LOW POINT
- TC = TOP OF CURB
- TP = TOP OF PAVEMENT
- GT = GLITTER
- TOS = TOP OF SWALE
- FG = FINISHED GRADE
- EG = EXISTING GRADE
- TS = TOP OF SIDEWALK
- ME = MATCH EXISTING
- FL = FLOW LINE

STORM WATER QUALITY NOTES:

STORM WATER QUALITY BENEFITS SUMMARY LIST

- TEMPORARY MEASURES:
- INLET PROTECTION
 - PHASING INFORMATION
 - SEDIMENT CONTROL FOR DRAINAGE EXITING SITE
 - MAINTENANCE PROCEDURES, NOTES, ETC.
 - CONCRETE WASHOUT AREA IDENTIFIED.
 - NO FUEL AND CHEMICAL STORAGE
 - PASS THROUGH OF UPSTREAM WATER THROUGH SITE.
- PERMANENT MEASURES:
- ENCLOSED ROOF DRAIN PIPING SYSTEM WHICH MINIMIZES SURFACE EROSION.
 - PERMANENT STORMWATER QUALITY/DETENTION BASIN
 - DUMPSTER AREA AWAY FROM STORM SYSTEM.

INTERIM PHASING CONSTRUCTION SEQUENCE:

- INSTALL PERIMETER SILT CONTROLS AND OUTFALL CONTROLS..
- REMOVE EXISTING PAVING AND BASE ROCK.
- GRADE AND COMPACT SITE TO FINISHED GRADES.
- INSTALL NEW PAVING AND CURB AND CONNECT TO OUTFALL LOCATIONS.
- INSTALL RIP-RAP, SLOPE FINISHES AND ONCE SITE IS STABILIZED, REMOVE SILT CONTROLS.
- PLAN MODIFICATION: THE CONTRACTOR MUST MODIFY THE PLAN IF THE PLAN FAILS TO SUBSTANTIALLY CONTROL EROSION AND OFFSITE SEDIMENTATION. THE CONTRACTOR MAY MODIFY THE PLAN OR CONSTRUCTION SEQUENCE IF IMPLEMENTATION IS INFEASIBLE FOR SITE CONDITIONS OR CONTRACTOR METHODS. ANY SUCH MODIFICATION SHALL CONTROL EROSION AND OFFSITE SEDIMENTATION TO THE MAXIMUM EXTENT PRACTICABLE. PLAN MODIFICATIONS DUE TO INEFFECTIVENESS MAY BE TAKEN WITHOUT PRIOR APPROVAL OF THE REVIEW AGENCY, BUT MUST BE FULLY DOCUMENTED AND APPROVAL SECURED FROM THE PERMITTING AUTHORITY AS SOON AS PRACTICABLE. THE DOCUMENTATION LOG IS TO INCLUDE THE DATE AND A BRIEF DESCRIPTION OF THE CHANGE AND THE NAME & TITLE OF THE PERSON WHO AUTHORIZES THE CHANGE, PER PART 7.3.1 OF THE NOI PERMIT.

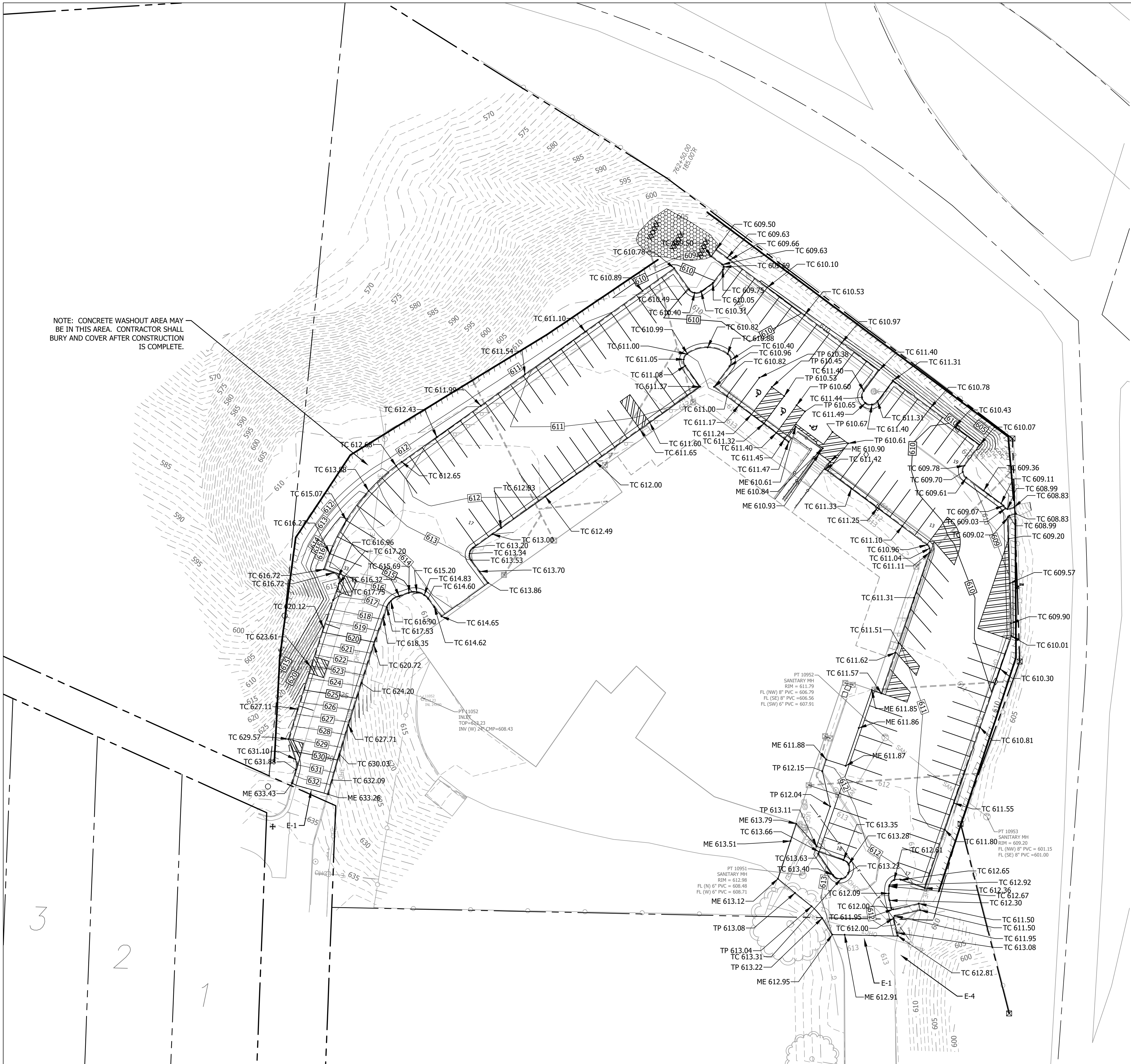
EROSION CONTROL:

- E-1 CONSTRUCTION ENTRANCE
- E-2 SILT FENCE
- E-3 DITCH CHECK
- E-4 DNR PLAQUARD - POST AT ENTRANCE

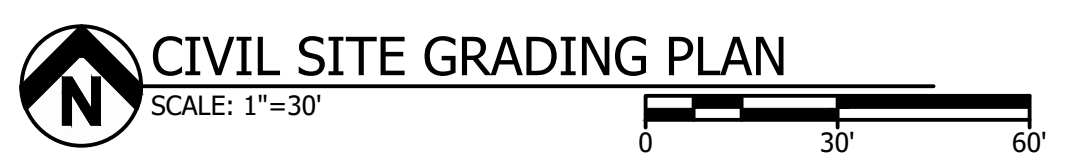


NOTE: The Contractor will be responsible to call the Missouri One Call System - Dial 811 and have the underground utilities marked or remarked prior to any construction.

NOTE: UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES, HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN.



NOTE: CONCRETE WASHOUT AREA MAY BE IN THIS AREA. CONTRACTOR SHALL BURY AND COVER AFTER CONSTRUCTION IS COMPLETE.



W:\Projects\2025\T2505-01\T2505-01_C103.dwg, 11/11/2025, 11:27:48 AM
 C:\Users\BKM\AppData\Local\Temp\AutoCAD_2025_11_11_11_27_48.dwg, 11/11/2025, 11:27:48 AM



Brian K. McMillian, PE - Engineer
MO PE # 2003015009



Architecture Planning
Interior Design Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com

Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:



601 MONROE STREET
SUITE 201
JEFFERSON CITY, MO
65101-3180
PH: 573-634-3181

Missouri Certificate of
Authority
No. 000167 - Engineering
www.bartlettwest.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE: T2505-01_C500.dwg

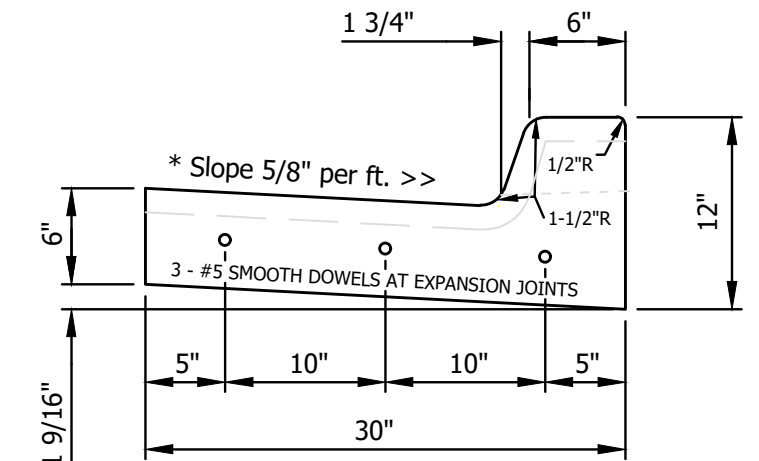
DESIGNED BY: BKM
DRAWN BY: BKM
APPROVED BY: _____

SHEET TITLE:
**CIVIL SITE
DETAILS**

SHEET NUMBER:

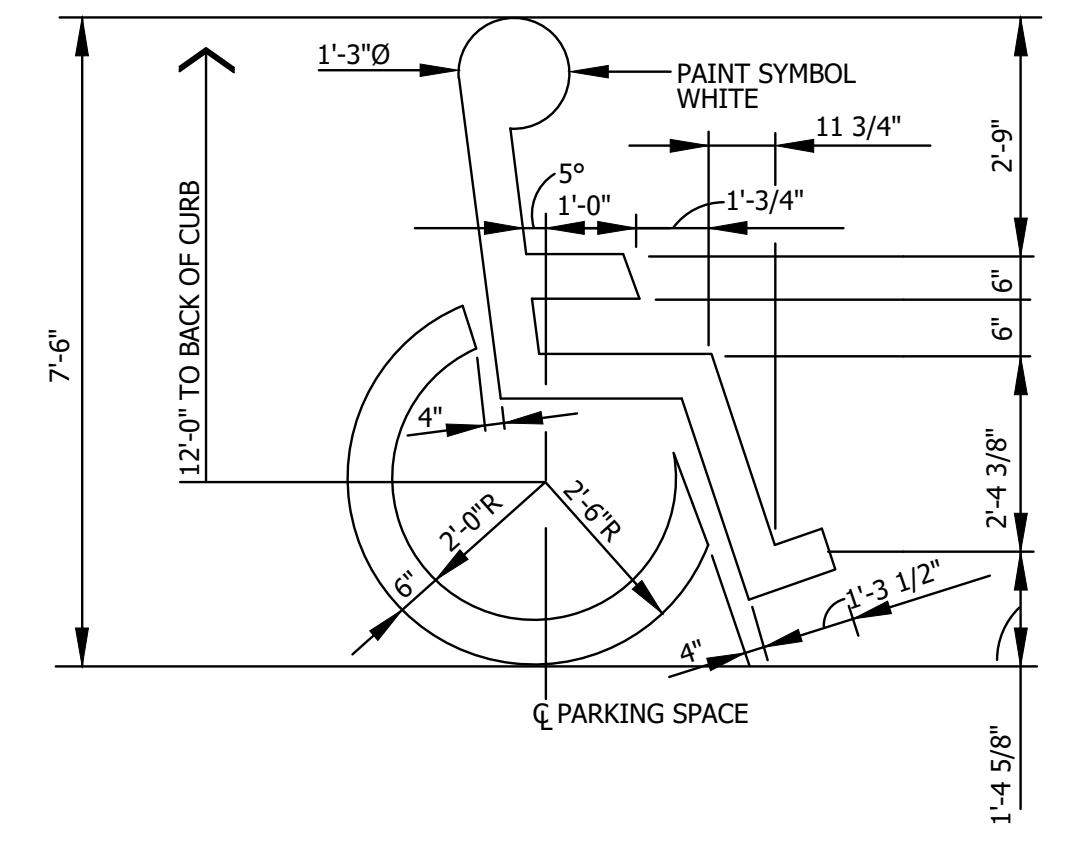
C-500

7 of 53 SHEETS
APRIL 7, 2026

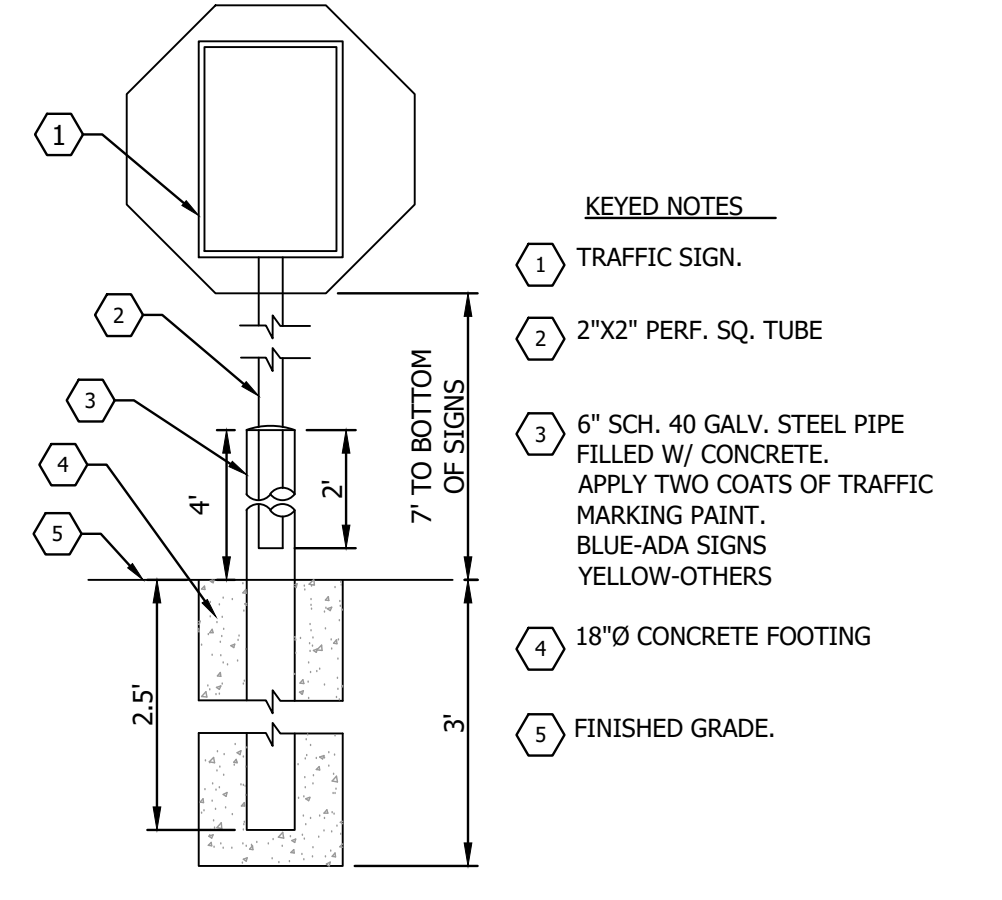


NOTES:
1. 3/4" expansion joints with 2" dowels to be placed at radius points, drive approaches, and 300' minimum intervals. These dowels shall be greased and wrapped on one end with expansion lube.
2. 1-1/2" deep contraction joints shall be installed at approx. 10' intervals. These joints shall pass through the entire curb section.
3. Fix dowels with bar chairs or equivalent.
4. * If the pavement slopes away from the curb the slope of the curb should match that of the pavement not 5/8" per ft. toward the curb.

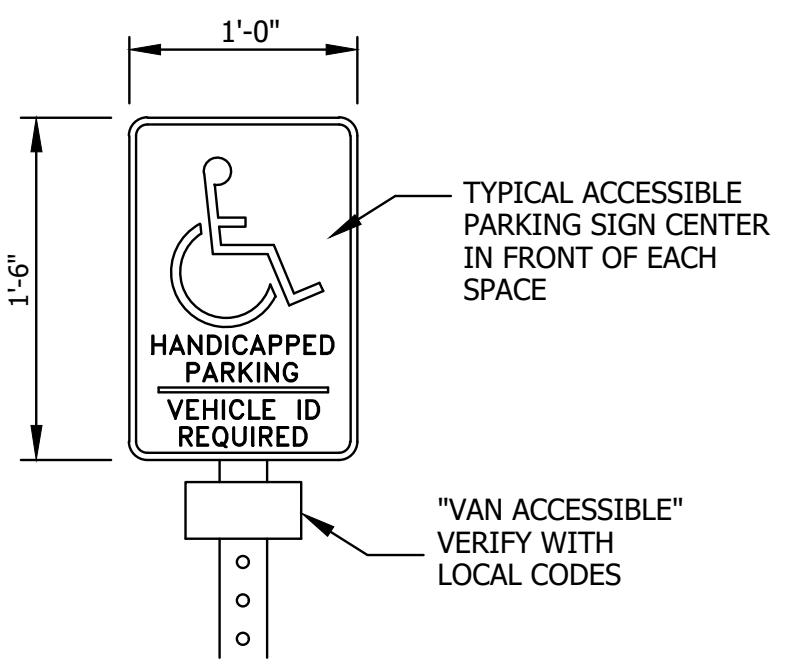
4 CURB AND GUTTER DETAIL
NOT TO SCALE



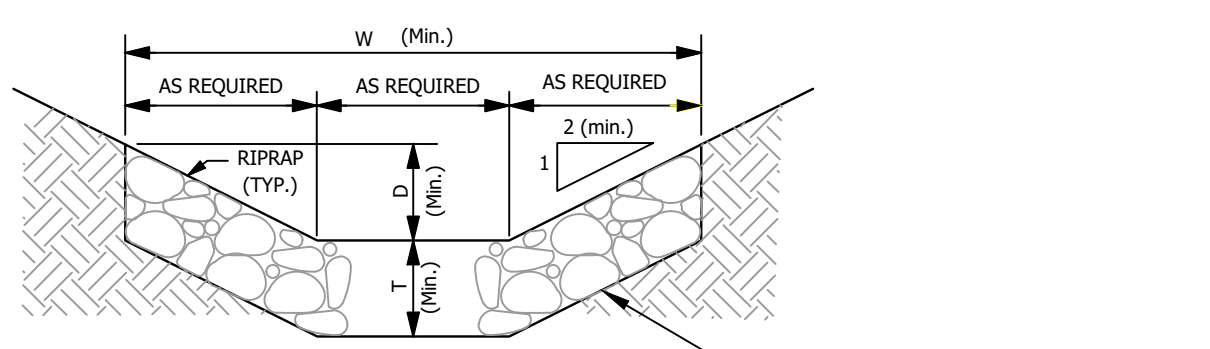
3 PAINTED ACCESSIBLE SYMBOL DETAIL
NOT TO SCALE



2 TRAFFIC SIGN BOLLARD POST DETAIL
NOT TO SCALE

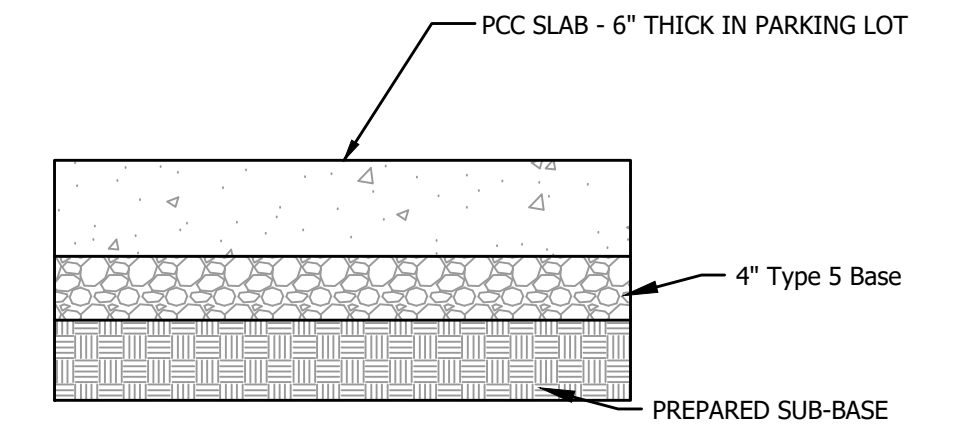


1 ACCESSIBLE SIGN DETAIL
NOT TO SCALE

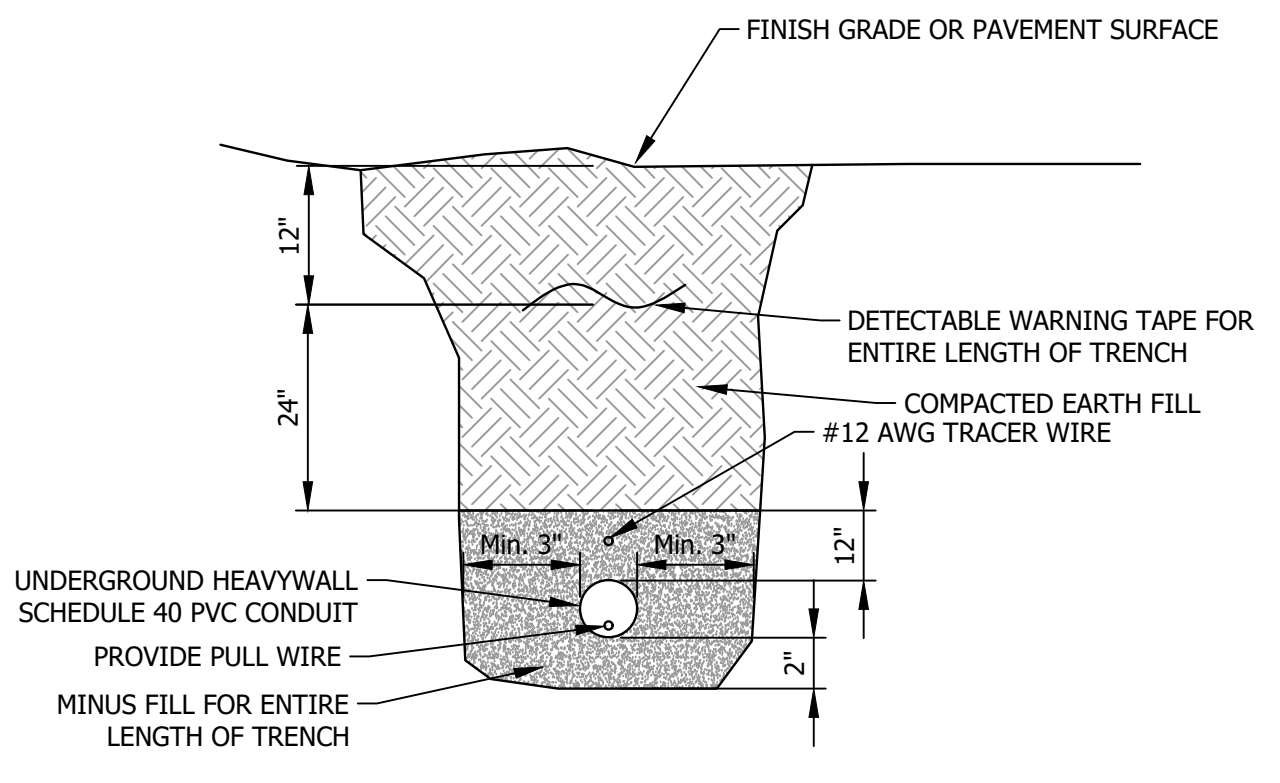


NOTE: Rock to range from 20 to 700 pounds with 60% over 200 pounds. Maximum dimension to be no more than four times the minimum dimension. Maximum of 15% dirt and gravel.
Install geotextile fabric between Rock and Dirt subgrade Mirafi 140N or similar

8 RIP-RAP DETAIL
NOT TO SCALE

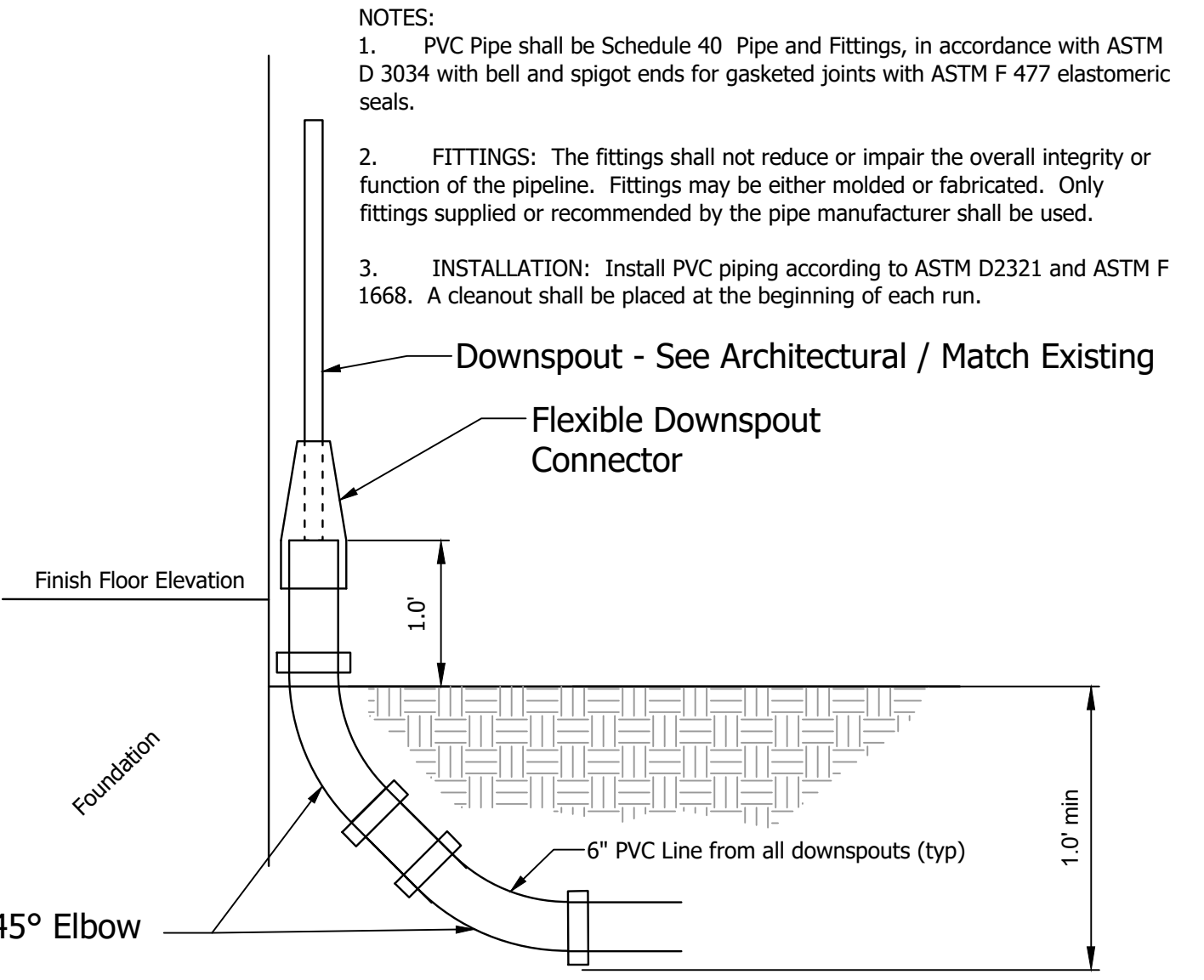


7 CONCRETE PAVEMENT
NOT TO SCALE

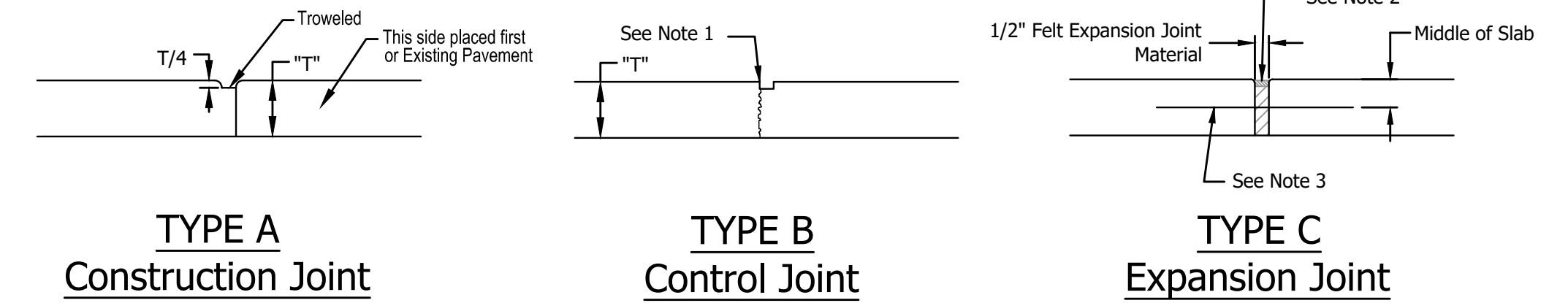


1. PROVIDE SWEEP AT BOTH ENDS OF CONDUIT
2. EXTEND ENDS A MINIMUM OF 6" ABOVE GRADE AND CAP.
3. EXCAVATED MATERIAL SHALL BE PLACED A MINIMUM OF 2' FROM BOTH EDGES OF TRENCH.

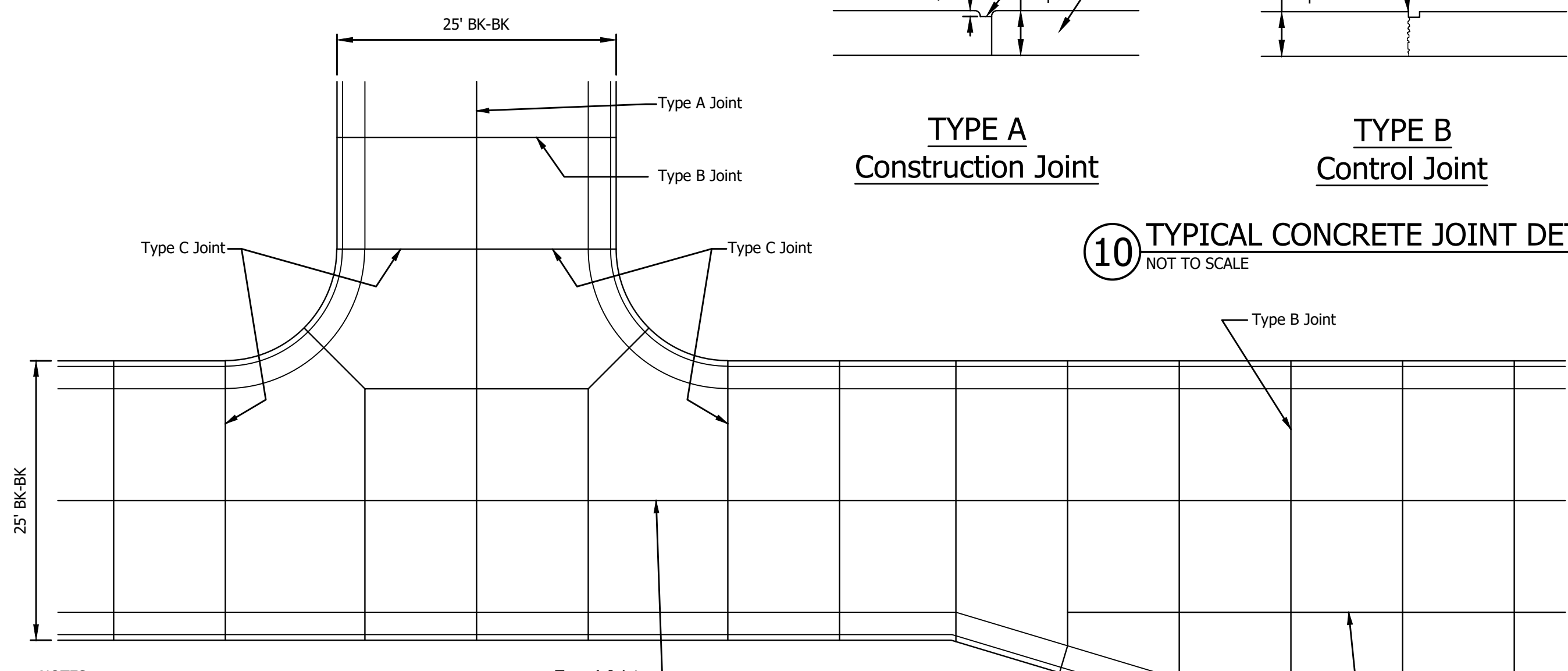
6 UTILITY CONDUIT TRENCH DETAIL
NOT TO SCALE



5 DOWNSPOUT-ROOF DRAIN CONNECTION DETAIL
NOT TO SCALE

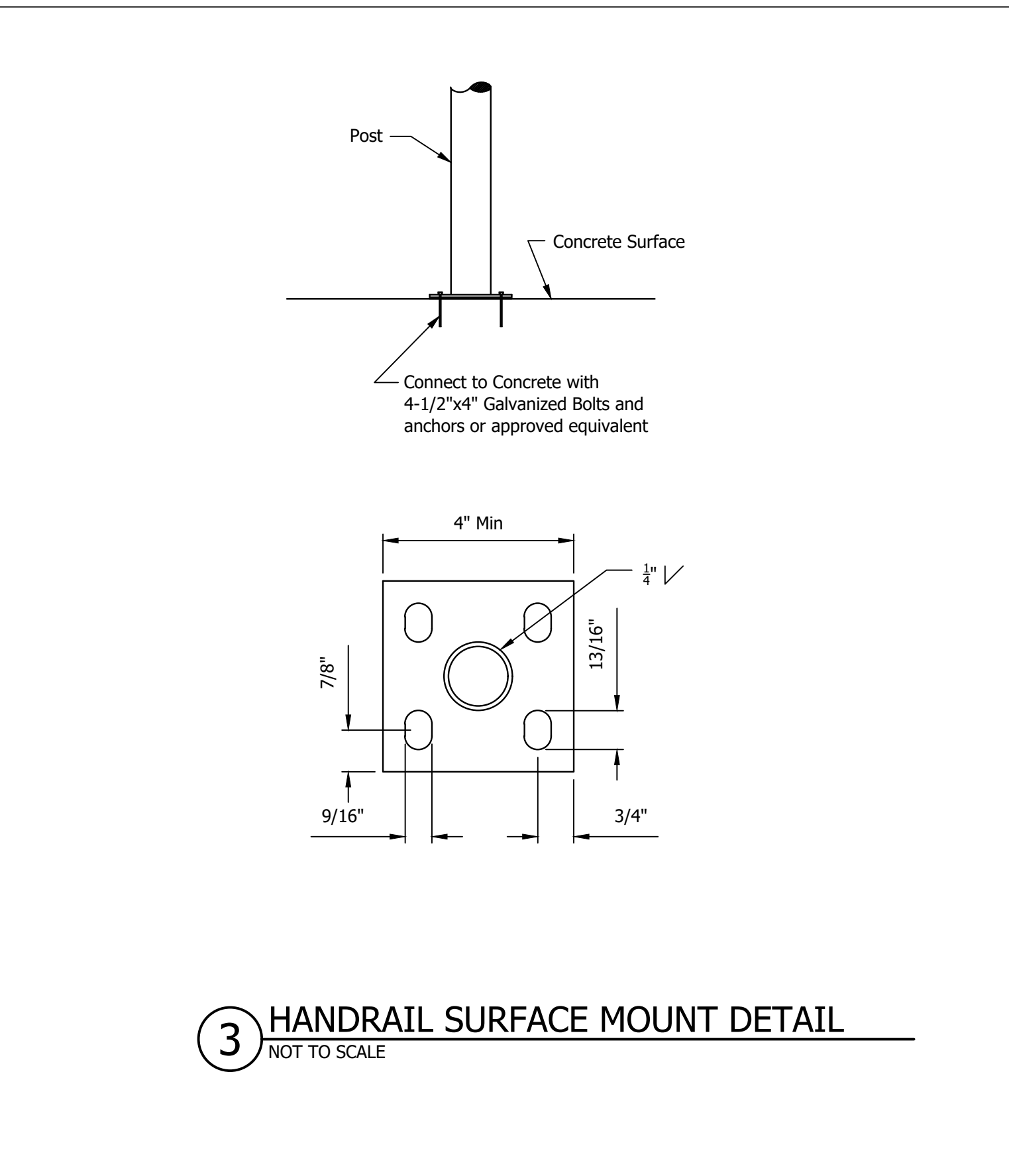
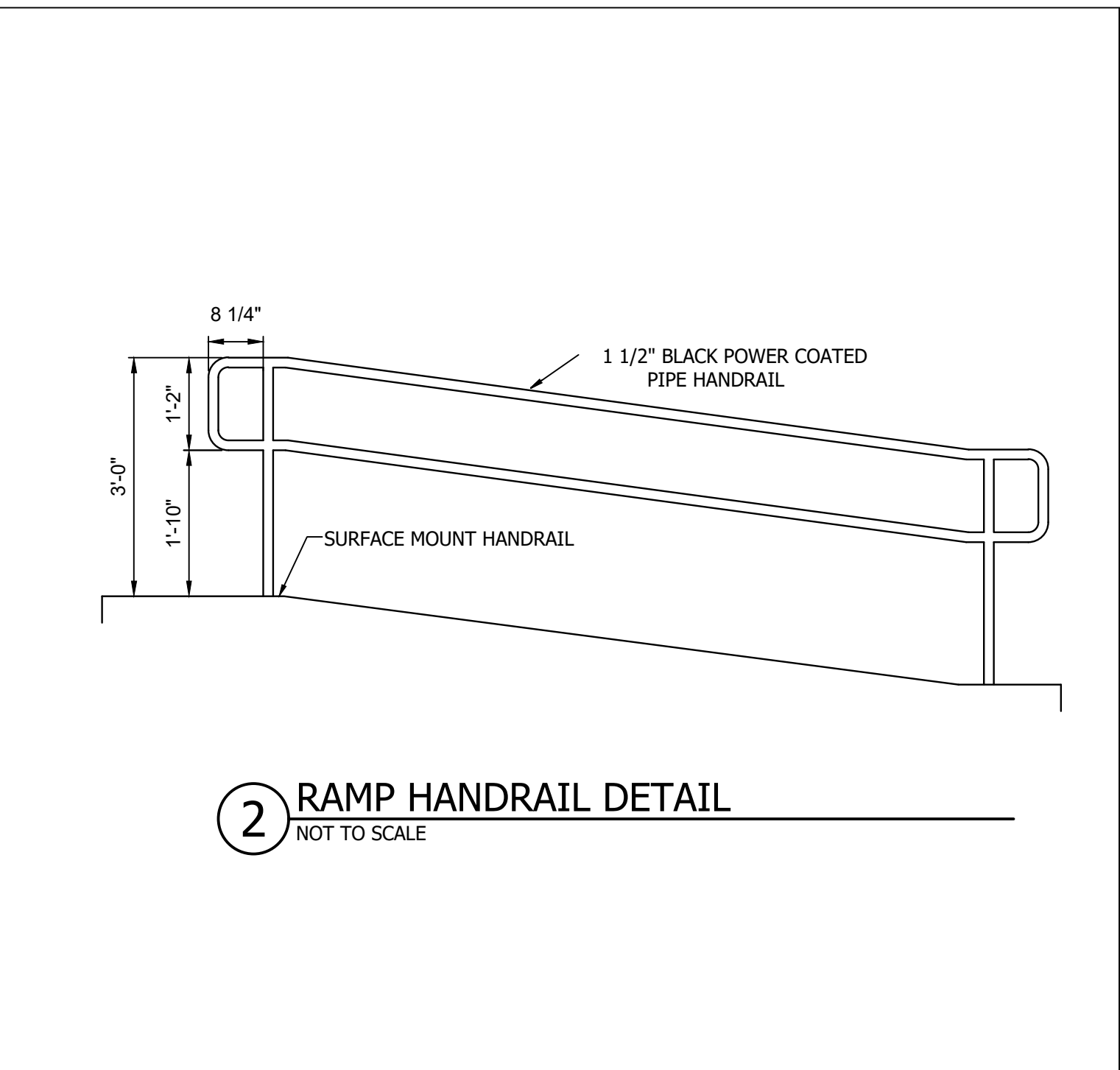
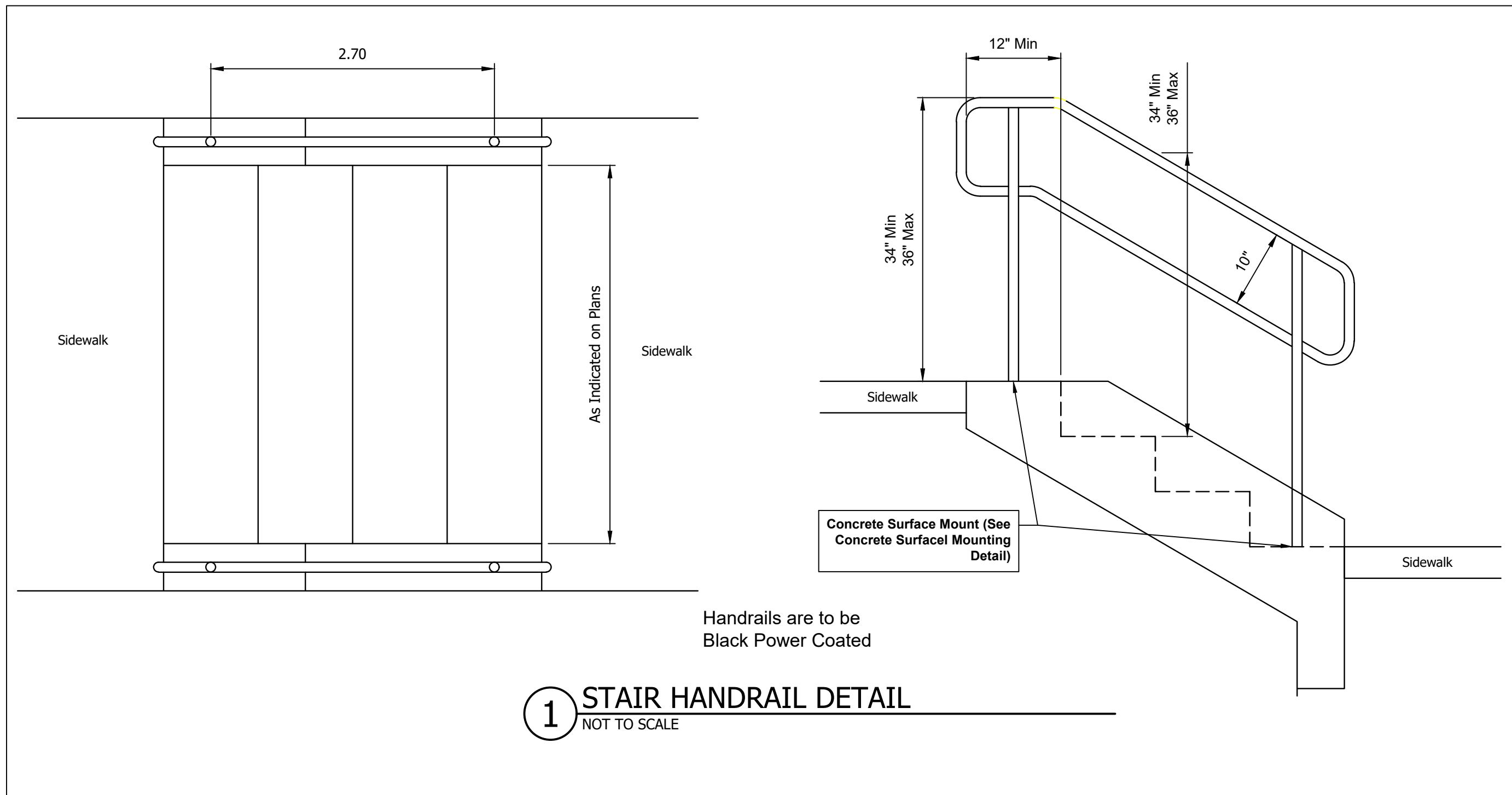


10 TYPICAL CONCRETE JOINT DETAILS
NOT TO SCALE



NOTES:
1. Centerline of sawed joint 3/8" min. width x 1/4" of the pavement thickness. Joint may be troweled.
2. Remove top 1/4" of pavement thickness of the expansion joint material and fill with self leveling silicone joint sealer that conforms to section 1057 of Missouri Standard Specifications for Highway Construction.
3. 3/8" dia. x 18" long smooth dowel bars. The dowel bars shall be greased and wrapped on one end with expansion tubes.
4. All control and sawed joints shall be filled with self leveling silicone sealer. Sealer shall conform to section 1057 of the Missouri Standard Specifications for Highway Construction.

9 TYPICAL CONCRETE PAVEMENT JOINT LAYOUT
NOT TO SCALE



HANDRAIL NOTES:

- HANDRAILS ARE REQUIRED ON BOTH SIDES OF STAIRS AND OR RAMPS.
- THE TOP OF GRIPPING SURFACES OF HANDRAILS SHALL BE NO LESS THAN 34" AND NO MORE THAN 38" VERTICALLY ABOVE THE WALKING SURFACE, STAIR NOSINGS, AND RAMP SURFACES. HANDRAILS SHALL BE A CONSISTENT HEIGHT ABOVE THE WALKING SURFACE AND STAIR NOSINGS.
- AT THE TOP OF A STAIR FLIGHT, HANDRAIL SHALL EXTEND HORIZONTALLY ABOVE THE LANDING FOR A MINIMUM OF 12" BEGINNING DIRECTLY ABOVE THE FIRST RISER NOSING. EXTENSIONS SHALL RETURN TO A WALL, GUARD, OR THE LANDING SURFACE, OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT.
- AT THE BOTTOM OF A STAIR FLIGHT, HANDRAIL SHALL EXTEND AT THE SLOPE OF THE STAIR FLIGHT FOR A HORIZONTAL DISTANCE AT LEAST EQUAL TO ONE TREAD DEPTH BEYOND THE LAST RISER NOSING. EXTENSIONS SHALL RETURN TO A WALL, GUARD, OR THE LANDING SURFACE, OR SHALL BE CONTINUOUS TO THE HAND RAIL OF AN ADJACENT STAIR FLIGHT.
- HANDRAIL GRIPPING SURFACES SHALL BE CONTINUOUS ALONG THEIR LENGTH AND SHALL NOT BE OBSTRUCTED ALONG THEIR TOPS OR SIDES. THE BOTTOMS OF THE HANDRAIL GRIPPING SURFACES SHALL NOT BE OBSTRUCTED FOR MORE THAN 20% OF THEIR LENGTH.
- HANDRAIL GRIPPING SURFACES WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF NOT LESS THAN 1 1/2" AND NOT MORE THAN 2". HANDRAIL GRIPPING SURFACES WITH A NON-CIRCULAR CROSS SECTION SHALL HAVE A PERIMETER OF NOT LESS THAN 4" OR MORE THAN 6 1/2". THE LONGEST CROSS SECTIONAL DIMENSION SHALL NOT EXCEED 2 1/2".
- HANDRAIL GRIPPING SURFACES SHALL BE CONTINUOUS ALONG THEIR LENGTH AND SHALL NOT BE OBSTRUCTED ALONG THEIR TOPS OR SIDES. THE BOTTOMS OF HANDRAIL GRIPPING SURFACES SHALL NOT BE OBSTRUCTED FOR MORE THAN 20% OF THEIR LENGTH.
- REFER TO U.S. DEPARTMENT OF JUSTICE CURRENTLY EFFECTIVE "ADA STANDARDS FOR ACCESSIBLE DESIGN" FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

HANDRAIL MATERIAL:

- THE MATERIAL AND FINISH REQUIREMENTS CONTAINED IN THIS SECTION ARE NOT MEANT TO PROHIBIT THE USE OF MANUFACTURED RAILINGS WHICH MEET THE REQUIREMENTS OF ADA.
- ALL FABRICATED RAILINGS SHALL BE EITHER 1 1/2" DIA. SCHEDULE 40 STEEL TUBING (1.90 OD x 0.145 WALL), OR 1 1/2" x 1 1/2" x 11 GA. (0.120 WALL) STEEL TUBING. PEDESTRIAN GUARD RAILING MAY EXCEED THESE DIMENSIONS.
- ALL WELDS SHALL BE CONTINUOUS AND SHALL BE GRIND SMOOTH. THE RAILING SHALL BE FREE OF SLAG, BURRS OR OTHER DEFECTS.
- EXPANSION JOINTS SHALL BE PLACED IN RAILINGS AFTER EVERY THIRD POST. THE JOINTS SHALL BE CONSTRUCTED AS SHOWN ON THE EXPANSION DETAILS. ADDITIONAL EXPANSION JOINTS AND OR SPECIFICALLY DESIGNED MOUNTING BRACKET/ELEMENTS MAY BE NECESSARY IF THE RAILING IS INSTALLED ON A CURVE.
- ALL POSTS SHALL HAVE A 1/2" WEEP HOLE IMMEDIATELY ABOVE THE CONCRETE SURFACE.
- ALL FABRICATED RAILINGS SHALL BE BLACK POWDER COATED.
- WHEN INSTALLED THE POSTS OF ALL RAILINGS SHALL BE PLUMB.
- GUARDRAIL AND HANDRAIL SHALL BE SURFACED MOUNTED.

Brian K. McMillian, PE - Engineer
MO PE # 2003015009

soa
ARCHITECTURE

Architecture Planning
Interior Design Sustainability

2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com

Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:

**Bartlett
& West**

601 MONROE STREET
SUITE 201
JEFFERSON CITY, MO
65101-3180
PH: 573-634-3181

Missouri Certificate
of Authority
No. 000167 - Engineering
www.bartlettwest.com

**OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION**

**DEPARTMENT OF MISSOURI
NATIONAL GUARD**

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

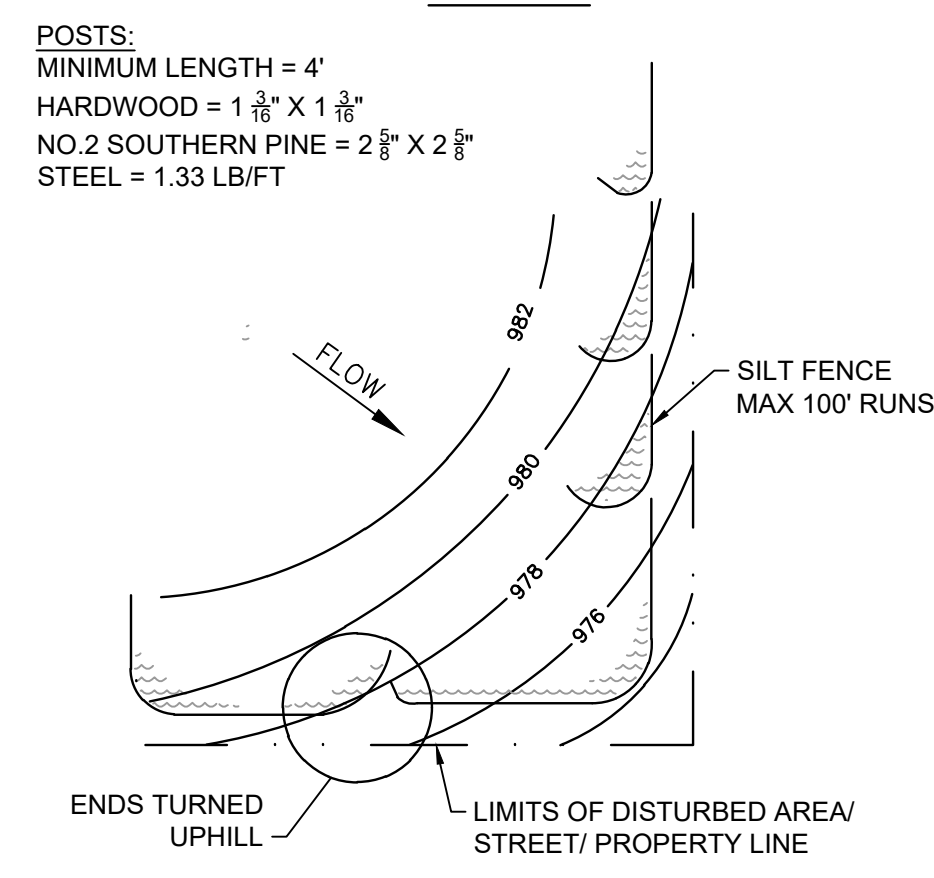
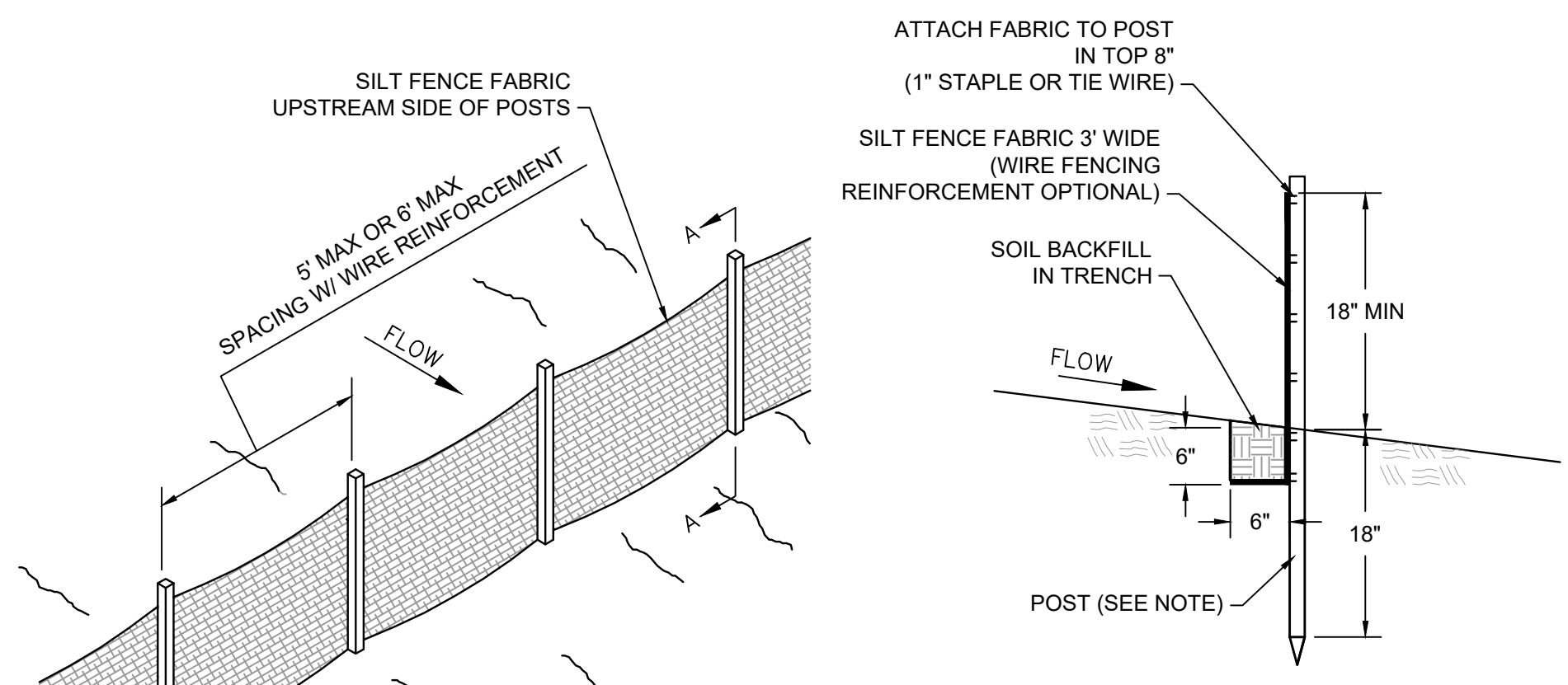
REVISION	DATE

CAD DWG FILE: T2505-01_C501.dwg

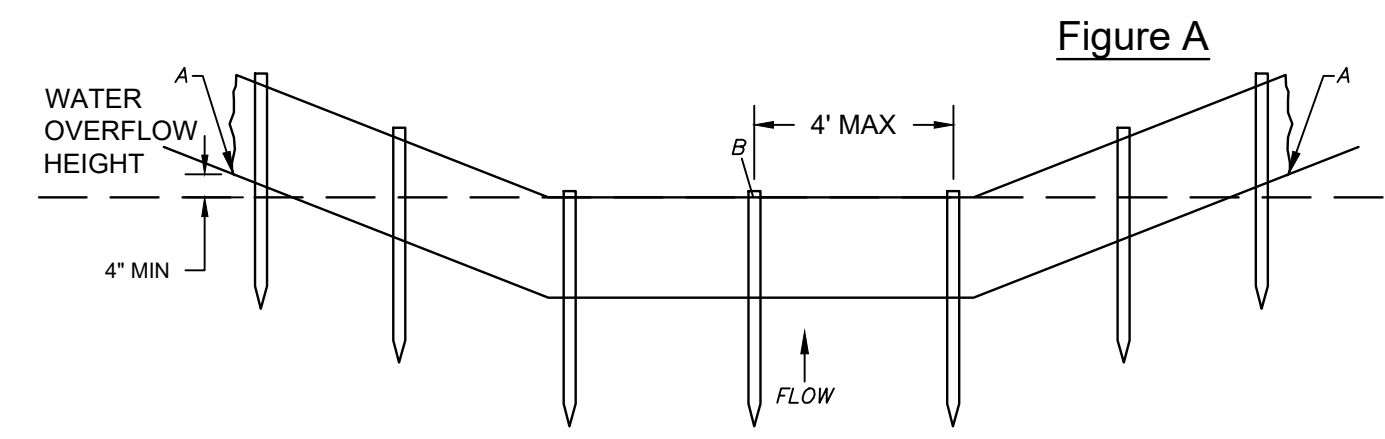
DESIGNED BY: BKM
DRAWN BY: BKM
APPROVED BY: _____

SHEET TITLE:
**CIVIL SITE
DETAILS**

SHEET NUMBER:
C-501
8 of 53 SHEETS
APRIL 7, 2026



SHEET FLOW INSTALLATION PERSPECTIVE VIEW

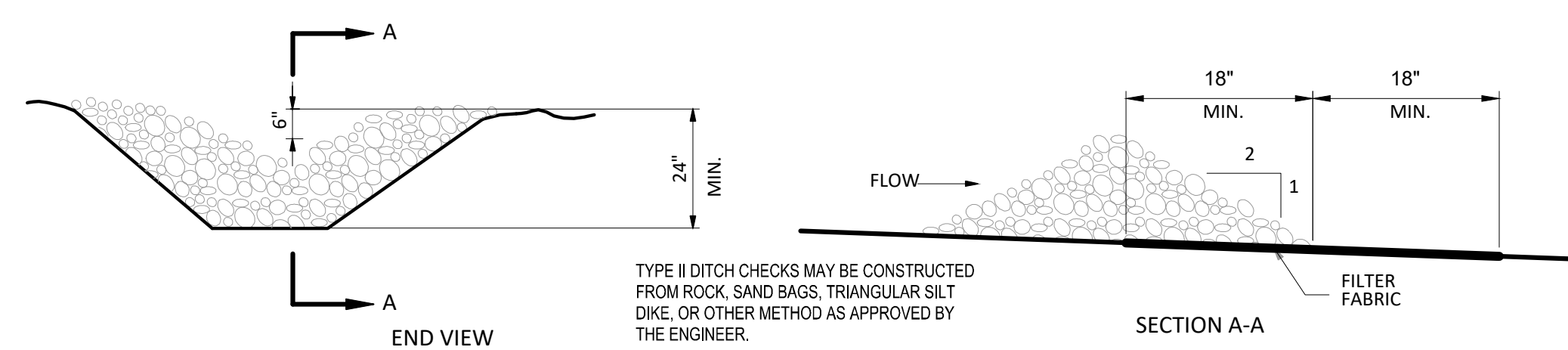


DITCH CHECK INSTALLATION FRONT ELEVATION

SILT FENCE DITCH CHECK SPACING	
DITCH CENTERLINE SLOPE (%)	SPACING INTERVAL (FEET)
1.0	200
2.0	100
3.0	65
4.0	50
5.0	40
6.0	33

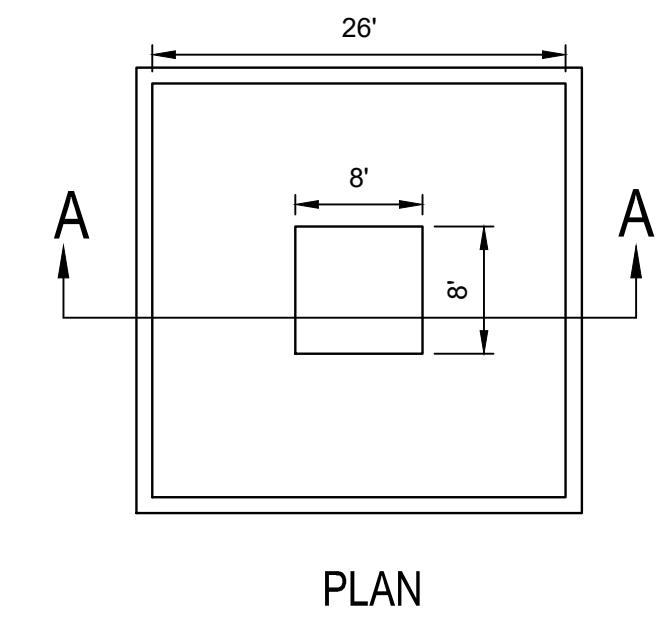
- NOTES:**
- THE FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE UNAVOIDABLE, FILTER CLOTH SHALL BE SECURELY SPLICED TOGETHER ONLY AT SUPPORT POSTS, WITH A MAX 6" OVERLAP.
 - TRENCHING IN THE DIMENSIONS SHOWN IS ACCEPTABLE, HOWEVER INSTALLATION WITH SLICING MACHINE IS PREFERRED.
 - FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
 - PLACE THE BOTTOM 1 FOOT OF FABRIC IN THE MINIMUM OF 6" DEEP TRENCH, LAPPING TOWARD THE UPSLOPE SIDE. BACKFILL WITH COMPACTED EARTH OR GRAVEL.
 - LONG PERIMETER RUNS OF SILT FENCE MUST BE LIMITED TO 100' AT WHICH PLACE THE ENDS OF THE SILT FENCE MUST BE TURNED UPHILL (FIGURE A)
 - IF A SILT FENCE IS TO BE CONSTRUCTED ACROSS A DITCH LINE OR SWALE, IT MUST BE OF SUFFICIENT LENGTH TO ELIMINATE ENDFLOW, AND PLACED ON A CONTOUR, WITH THE ENDS ORIENTED UPSLOPE.
 - TO REDUCE MAINTENANCE, EXCAVATE A SHALLOW SEDIMENT STORAGE AREA IN THE UPSLOPE SIDE OF THE FENCE. PROVIDE GOOD ACCESS IN AREA OF HEAVY SEDIMENTATION FOR CLEAN OUT AND MAINTENANCE.
 - REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. AVOID DAMAGING OR UNDERMINING THE FENCE DURING CLEANOUT. SEDIMENT ACCUMULATION SHOULD NOT EXCEED 1/2 THE HEIGHT OF THE FENCE.
 - SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.

SILT FENCE NOT TO SCALE

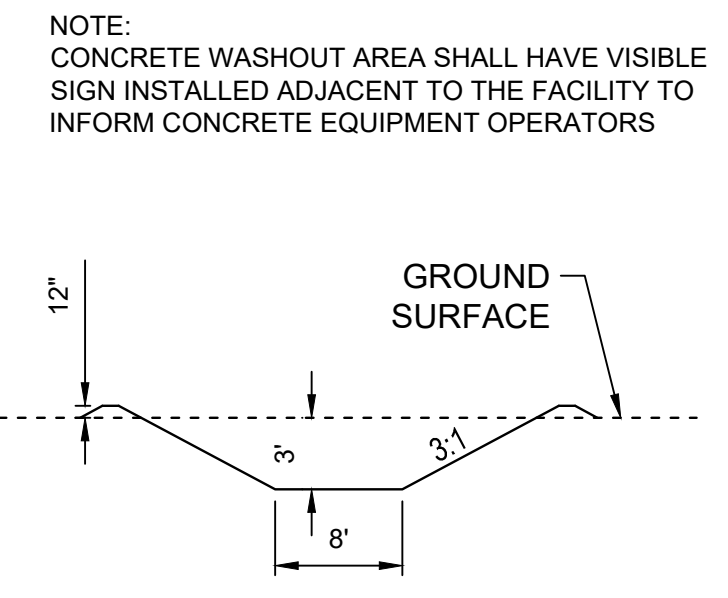


TYPE II - DITCH CHECK NOT TO SCALE

TYPE II DITCH CHECKS MAY BE CONSTRUCTED FROM ROCK, SAND BAGS, TRIANGULAR SILT DIKE, OR OTHER METHOD AS APPROVED BY THE ENGINEER.



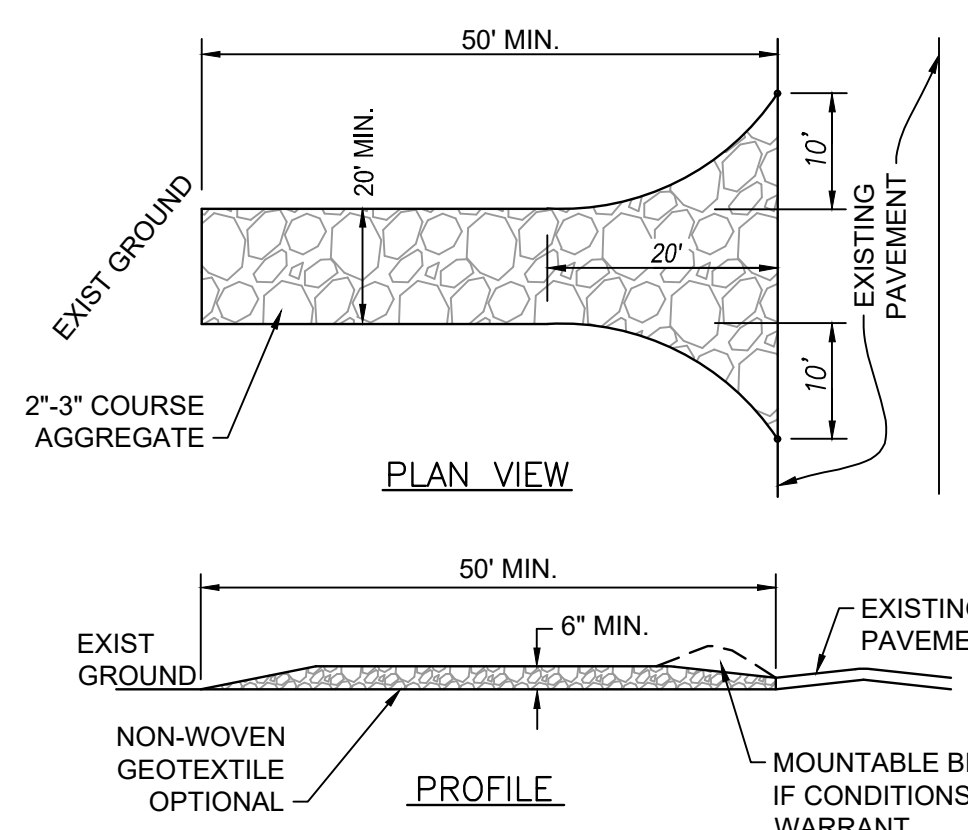
PLAN



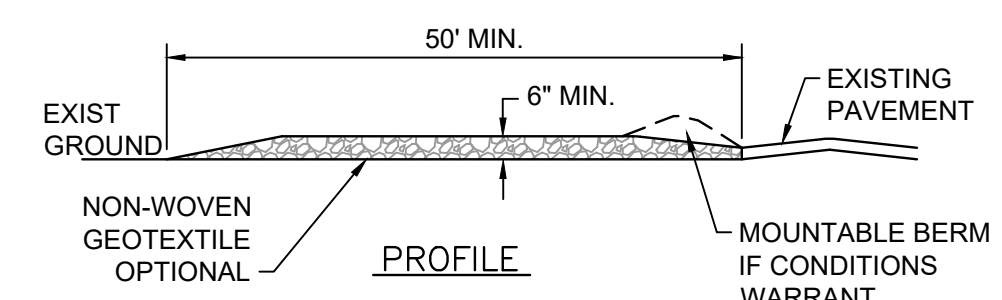
SECTION A-A

CONCRETE WASHOUT AREA NOT TO SCALE

- NOTES:**
- CONCRETE WASHOUT AREAS SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
 - CONCRETE WASHOUT AREA SHALL INCLUDE A FLAT SUBSURFACE PIT SIZED RELATIVE TO THE AMOUNT OF CONCRETE TO BE PLACED ON SITE. THE SLOPES LEADING OUT OF THE SUBSURFACE PIT SHALL BE 3:1. THE VEHICLE TRACKING PAD SHALL BE SLOPED TOWARDS THE CONCRETE WASHOUT AREA.
 - VEHICLE TRACKING CONTROL IS REQUIRED AT THE ACCESS POINT TO ALL CONCRETE WASHOUT AREAS.
 - SIGNS SHALL BE PLACED AT THE CONSTRUCTION SITE ENTRANCE, WASHOUT AREA AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION(S) OF THE CONCRETE WASHOUT AREA(S) TO OPERATORS OF CONCRETE TRUCK AND PUMP RIGS.
 - A ONE-PIECE IMPERVIOUS LINER (10 MILS PLASTIC) MAY BE REQUIRED ALONG THE BOTTOM AND SIDES OF THE SUBSURFACE PIT IN SANDY OR GRAVELLY SOILS.
 - THE CONTRACTOR MAY ELECT TO USE AN ALTERNATE CONCRETE WASHOUT CONFIGURATION OR LOCATION WITH PRIOR APPROVAL FROM THE ENGINEER.
- MAINTENANCE:**
- CONCRETE WASHOUT MATERIALS SHALL BE REMOVED ONCE THE MATERIALS HAVE FILLED THE WASHOUT TO APPROXIMATELY 75% FULL.
 - CONCRETE WASHOUT AREAS SHALL BE ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE.
 - AFTER ALL LIQUIDS EVAPORATE OR ARE PUMPED OR VACUUMED, AND REMAINING SLURRY SOLIDIFIED, THE CONTRACTOR MAY BURY THE SOLIDS ON SITE. A MINIMUM OF 18 INCHES BELOW FINISHED GRADE. OTHERWISE CONCRETE WASHOUT WATER, WASTED PIECES OF CONCRETE AND ALL OTHER DEBRIS IN THE SUBSURFACE PIT SHALL BE TRANSPORTED FROM THE JOB SITE IN WATER-TIGHT CONTAINER AND LEGALLY DISPOSED OF.
 - CONCRETE WASHOUT AREAS SHALL REMAIN IN PLACE UNTIL ALL CONCRETE FOR THE PROJECT IS PLACED.
 - WHEN CONCRETE WASHOUT AREAS ARE REMOVED, EXCAVATIONS SHALL BE FILLED WITH SUITABLE COMPACTED BACKFILL AND TOPSOIL, ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE CONCRETE WASHOUT AREAS SHALL BE STABILIZED.



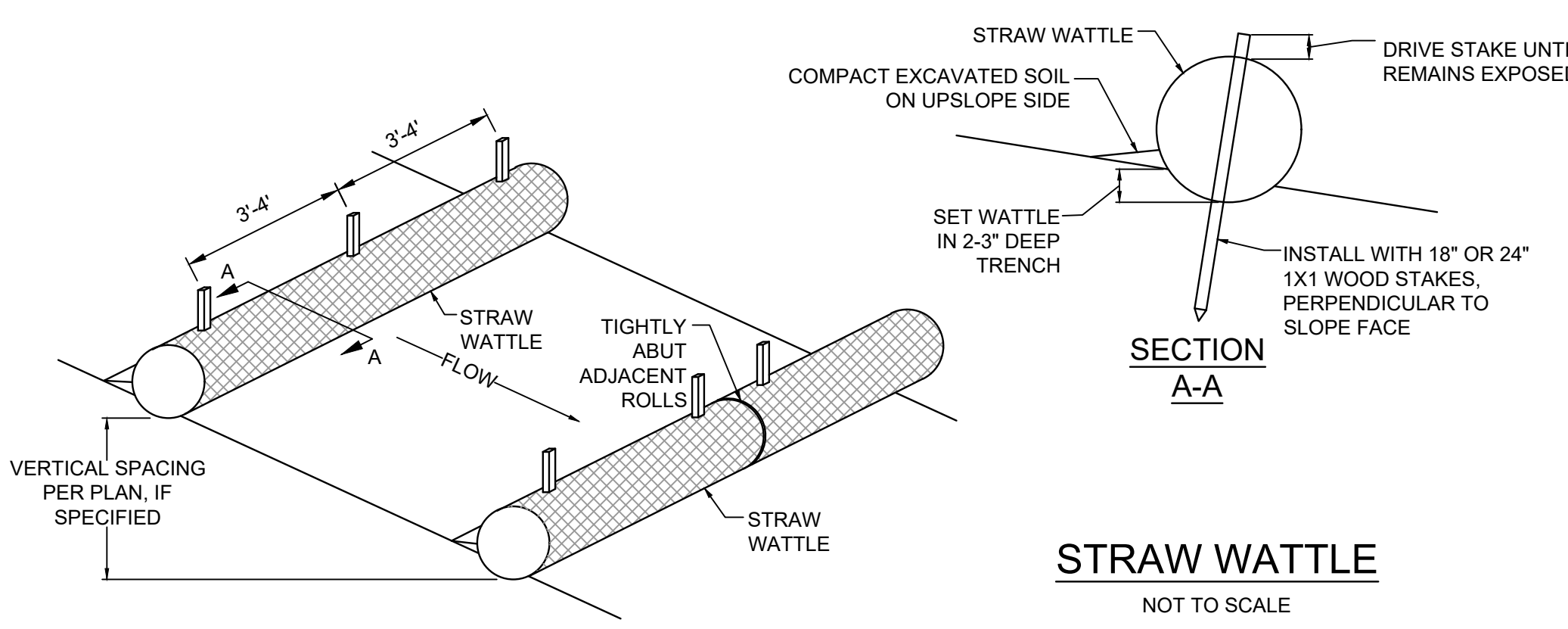
PLAN VIEW



PROFILE

- NOTES:**
- REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
 - 20' MINIMUM WIDTH, BUT NOT LESS THAN FULL WIDTH AT POINTS WHERE INGRESS AND EGRESS OCCURS.
 - IF SLOPE TOWARDS THE PUBLIC ROAD EXCEEDS 2%, CONSTRUCT A 6- TO 8-INCH HIGH RIDGE WITH 3:1 SIDE SLOPES ACROSS THE FOUNDATION APPROXIMATELY 15 FEET FROM THE EDGE OF THE PUBLIC ROAD TO DIVERT RUNOFF FROM IT.
 - IF CONDITIONS WARRANT, PLACE GEOTEXTILE FABRIC ON THE GRADED FOUNDATION TO IMPROVE STABILITY.
 - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 3:1 SLOPES WILL BE PERMITTED.
 - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
 - WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC STREETS. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.

TEMPORARY CONSTRUCTION ENTRANCE NOT TO SCALE



STRAW WATTLE NOT TO SCALE

THIS SITE IS GREATER THAN 1 ACRE AND THEREFORE FALLS UNDER THE REQUIREMENTS OF A MISSOURI DNR LAND DISTURBANCE PERMIT. THE STATE OF MISSOURI HAS A STATEWIDE DNR PERMIT WHICH APPLIES TO THIS SITE. A SWPPP HAS BEEN DEVELOPED. THE PERMIT AND SWPPP SHALL BE POSTED AND ON SITE AT ALL TIMES. AN ABRIDGED VERSION OF THE SWPPP IS OUTLINED BELOW:

- THE CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE DRAWINGS PRIOR TO BEGINNING EARTHWORK OPERATIONS.
 - THE CONTRACTOR SHALL MAINTAIN ALL SILT CONTROL MEASURES DURING CONSTRUCTION.
 - ALL SILT SHALL REMAIN ON SITE AND SURROUNDING STREETS SHALL BE KEPT CLEAR OF ALL MUD AND DEBRIS.
 - A SEDIMENTATION BARRIER IS TO BE INSTALLED AS SHOWN. THE BARRIER SHALL BE CONSTRUCTED OF A CONTINUOUS SILT PERIMETER BARRIER SILT FENCE INSTALLED AS DETAILED ON SHEET C601. OTHER ITEMS SUCH AS STRAW WATTLES MAY BE USED. LOW AREAS OR AREAS OF CONCENTRATED FLOW SHALL BE REINFORCED AS DETAILED.
 - ACCUMULATED SEDIMENT SHALL BE REMOVED AND THE SEDIMENTATION BARRIERS MAINTAINED AS NEEDED TO PREVENT SEDIMENTATION BYPASS OF THE BARRIER.
 - SLOPES ARE TO BE LEFT IN A ROUGH CONDITION DURING GRADING.
 - CURB INLET SEDIMENTATION BARRIERS ARE TO BE INSTALLED AROUND INLETS AND WEIRS WHERE SEDIMENTATION IS A CONCERN. INLET BARRIERS SHALL BE EITHER BLOCK AND GRAVEL, OR SECURED STRAW BALES, OR SILT FENCE.
 - EROSION CONTROL MEASURES ARE TO REMAIN IN PLACE UNTIL 70% GROUND COVER HAS BEEN ESTABLISHED.
 - SEDIMENT IS TO BE REMOVED FROM STORM WATER DRAINAGE SYSTEMS.
 - RIP RAP IS TO BE INSTALLED AT AREAS OF CONCENTRATED FLOW (I.E. CULVERT OUTLETS).
 - CONTRACTOR IS RESPONSIBLE FOR INSTALLING ANY ADDITIONAL EROSION CONTROL AS HE/SHE DEEMS NECESSARY OR AS REQUIRED BY THE CITY OF JEFFERSON, STATE OF MISSOURI DNR, UNITED STATES EPA OR THE ENGINEER.
 - THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, TOOLS, EQUIPMENT AND LABOR AS NECESSARY TO INSTALL AND MAINTAIN ADEQUATE EROSION AND SILTATION CONTROLS REQUIRED TO PREVENT SOIL EROSION FROM LEAVING THE PROJECT SITE. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO ENSURE THAT METHODS UTILIZED ARE ADEQUATE AND COMPLY WITH REQUIREMENTS OF THE SPECIFICATIONS AND GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK.
 - THE CONTRACTOR SHALL HAVE THE RESPONSIBILITY FOR RESOLVING COMPLAINTS IN THE EVENT THAT COMPLAINTS OR DAMAGE CLAIMS ARE FILED DUE TO DAMAGES OCCURRING ADJACENT TO OR DOWNSTREAM FROM PROPERTY BY SEDIMENT RESULTING FROM EROSION ON THE PROJECT SITE.
 - AT COMPLETION OF SITE GRADING AND OTHER RELATED CONSTRUCTION ACTIVITIES, ALL DISTURBED AREAS WITHIN THE PROJECT SITE SHALL BE SEEDED, SODDED, OR LANDSCAPED, AS SHOWN ON THE LANDSCAPE PLAN.
 - TOPSOIL IS TO BE PLACED IN AREAS UNSUITABLE FOR VEGETATIVE GROWTH.
 - TEMPORARILY SEED ANY DISTURBED AREAS WHICH WILL NOT BE BROUGHT TO FINAL GRADE WITHIN 30 DAYS.
- SWPPP NOTES:**
- ANY LAND CLEARING, CONSTRUCTION OR DEVELOPMENT INVOLVING THE MOVEMENT OF EARTH SHALL BE IN ACCORDANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN AND THE PERSON ISSUED A LAND DISTURBANCE PERMIT ASSUMES AND ACKNOWLEDGES RESPONSIBILITY FOR COMPLIANCE WITH THE CITY OF JEFFERSON LAND DISTURBANCE CODE AND THE APPROVED STORM WATER POLLUTION PREVENTION PLAN AT THE SITE OF THE PERMITTED ACTIVITY.
 - CLEARING TECHNIQUES THAT RETAIN EXISTING VEGETATION TO THE MAXIMUM EXTENT PRACTICABLE SHALL BE USED AND THE TIME PERIOD FOR DISTURBED AREAS TO BE WITHOUT VEGETATIVE COVER SHALL BE MINIMIZED TO THE EXTENT PRACTICAL.
 - CONTRACTOR MAY USE OTHER METHODS OF EROSION CONTROL, IF APPROVED BY THE OWNER.
 - THIS PLAN IS ONLY A GENERAL GUIDE. CONTRACTOR IS RESPONSIBLE FOR APPROPRIATE METHODS & LOCATIONS DURING CONSTRUCTION, REGARDLESS OF WHAT IS SHOWN.
 - DO NOT STORE FUEL OR CHEMICALS ON SITE.
- ALL EROSION CONTROL NOTES AND STANDARD DETAILS (BMP) WHICH MAY BE RELEVANT TO THIS PROJECT HAVE BEEN INCLUDED IN THIS PLAN SET. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE WHICH BMP TO BE USED FOR MAXIMUM EFFECTIVENESS. SOME OF THESE DETAILS MAY NOT UTILIZED. ADDITIONAL INFORMATION CAN BE FOUND ON IN THE FULL SWPPP.
- THE CONTRACTOR SHALL DETERMINE AN ON-SITE CONCRETE WASHOUT AREA.

STATE OF MISSOURI
MIKE KEHOE
GOVERNOR



Brian K. McMillian, PE - Engineer
MO PE # 2003015009



Architecture Planning
Interior Design Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com

Missouri Certificate of Authority Number: 000826

CIVIL ENGINEER:



601 MONROE STREET
SUITE 201
JEFFERSON CITY, MO
65101-3180
PH: 573-634-3181

Missouri Certificate of Authority
No. 000167 - Engineering

www.bartlettwest.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE: T2505-01_C502.dwg

DESIGNED BY: BKM
DRAWN BY: BKM
APPROVED BY: _____

SHEET TITLE:
EROSION CONTROL DETAILS

SHEET NUMBER:

C-502

9 of 53 SHEETS
APRIL 7, 2026

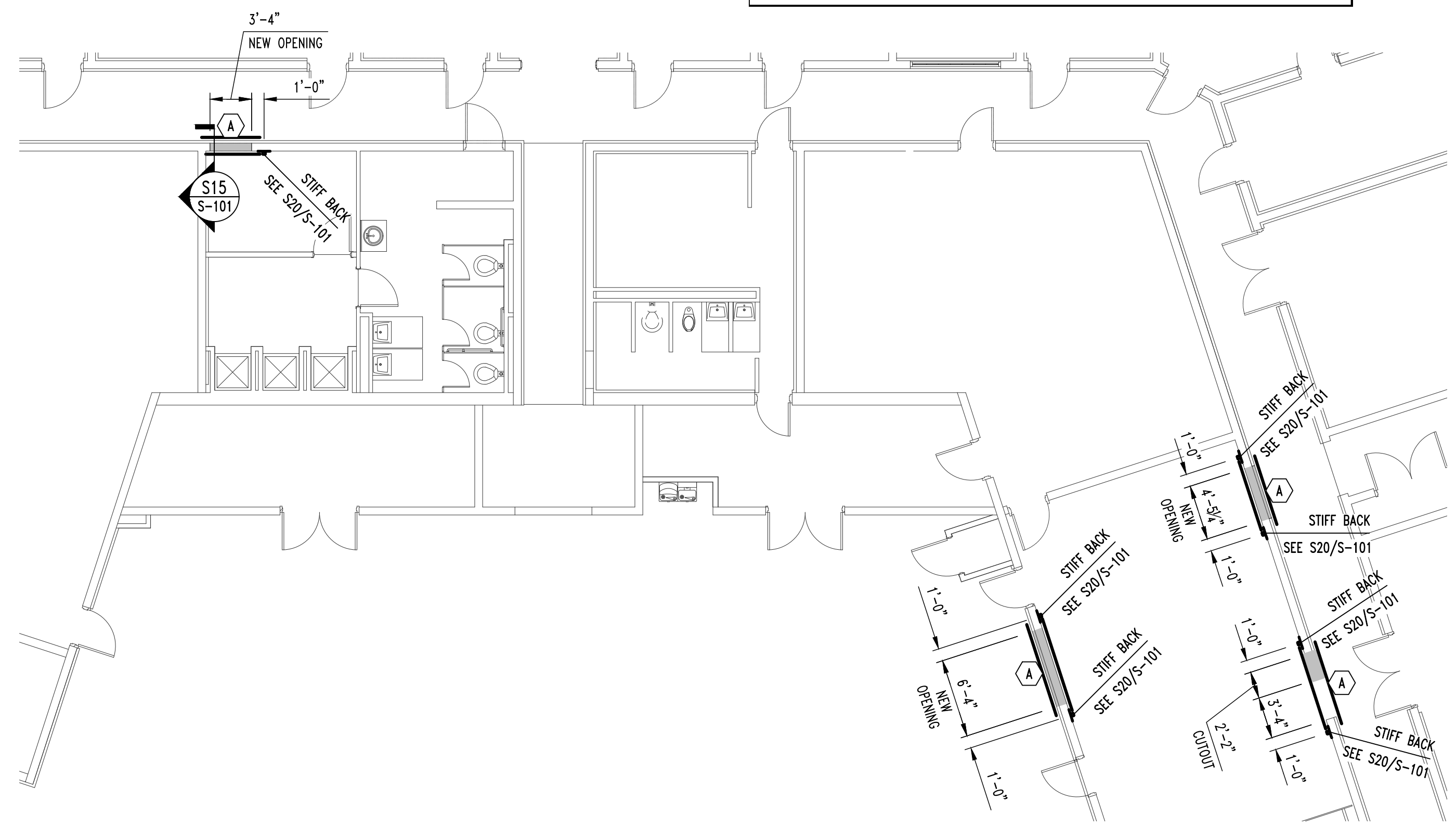
STRUCTURAL STEEL

- FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE AISC SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES AND CURRENT OSHA STANDARDS.
- WIDE FLANGE SHAPES SHALL CONFORM TO ASTM A992. STRUCTURAL TUBES SHALL CONFORM TO ASTM A500 GRADE B. ALL OTHER STRUCTURAL STEEL SHALL CONFORM TO ASTM A36.
- BOLTS, UNLESS OTHERWISE SHOWN, SHALL CONFORM TO ASTM A325-N, SIZE AS PER PLAN.
- ANCHOR BOLTS, UNLESS OTHERWISE SHOWN, SHALL CONFORM TO ASTM F1554 GRADE 36.
- SPlicing OF STRUCTURAL STEEL IS PROHIBITED EXCEPT AS DETAILED.
- ALL STRUCTURAL AND MISCELLANEOUS STEEL ITEMS SHALL RECEIVE ONE COAT OF "IRONCLAD RETARDOR RUST INHIBITIVE PAINT 163" (BENJAMIN MOORE) OR APPROVED EQUAL UNLESS OTHERWISE INDICATED IN THE SPECIFICATIONS. ALL STEEL SURFACES EMBEDDED IN CONCRETE SHALL NOT BE PAINTED. PREPARATION OF STEEL SURFACES SHALL MEET THE REQUIREMENTS OF THE STEEL STRUCTURES PAINTING COUNCIL (SSPC-SP1) AND THE REMOVAL OF GREASE AND OIL BY SOLVENT CLEANING (SSPC-SP1) AND THE REMOVAL OF MILL SCALE, RUST, WELD FLUX AND SLAG BY HAND TOOL CLEANING (SSPC-SP2). PRIMER SHALL BE APPLIED AT THE MANUFACTURER'S RECOMMENDED RATE BUT NOT LESS THAN ONE GALLON PER 400 SQ.FT. THEREBY DEPOSITING A DRY FILM THICKNESS OF NOT LESS THAN 1.5 MILS. ANY SCARRED AREAS SHALL BE TOUCHED UP WITH THE SAME PAINT AFTER ERECTION.
- ALL WELDING SHALL BE DONE BY QUALIFIED WELDERS IN ACCORDANCE WITH THE CURRENT EDITION OF THE AWS STRUCTURAL WELDING CODE. WELDING ELECTRODES SHALL BE E70XX.

DESIGN DATA

2024 INTERNATIONAL BUILDING CODE / ASCE 7-22

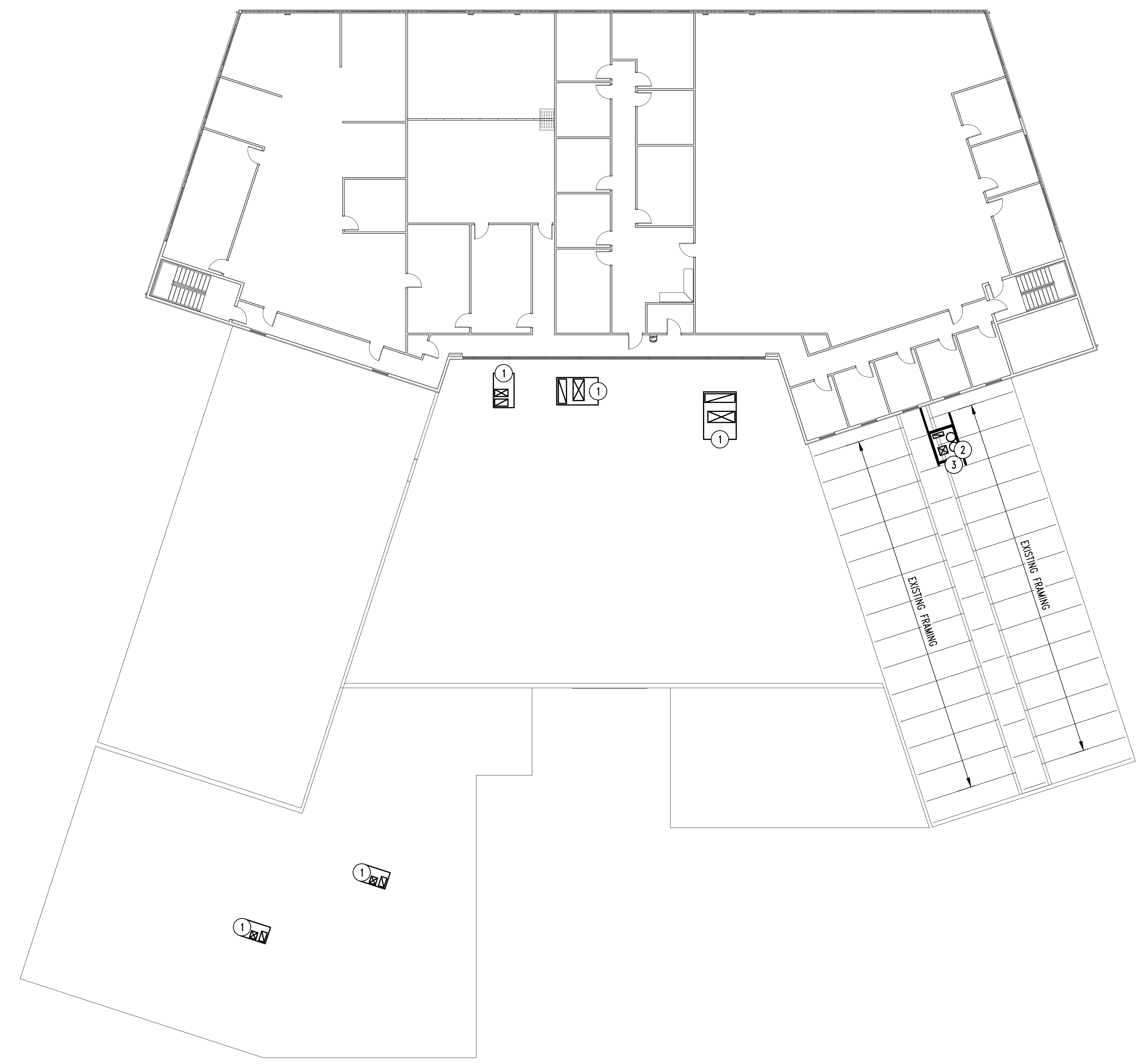
BUILDING OCCUPANCY CATEGORY	III
ROOF LOAD DATA	
LIVE LOAD	20
DEAD LOAD	20
TOTAL TO FRAMING MEMBERS	40.0 lbs/sqft
RAIN LOADING	
15 MINUTE RAIN INTENSITY	7.39 in/hr
60 MINUTE RAIN INTENSITY	3.37 in/hr
ROOF SNOW LOAD DATA: (UNBALANCED & DRIFTING SNOW TO BE DETERMINED IN ADDITION TO UNIFORM LOAD, WHERE APPLICABLE)	
p_s	29 lbs/sqft
C_e	10
I_e	10
C_d	1.0
p_f	23.8 lbs/sqft
	(UNFACTORED LOADS PER ASCE7-22)
WIND DESIGN DATA	
V_w	116 M.P.H. (3-SECOND GUST)
RISK CATEGORY	III
EXPOSURE	C
INTERNAL PRESSURE COEFFICIENT =	+/- 0.18
MAXIMUM COMPONENTS & CLADDING WIND	+/- 39.2 lbs/sqft
EARTHQUAKE DESIGN DATA	
RISK CATEGORY	III
I_e	1.3
S_{ps}	0.32
S_{ps}	0.13
SITE CLASS	D (ASSUMED)
S_{ms}	0.26
S_{ms}	0.18
SEISMIC DESIGN CATEGORY	C
BASIC SEISMIC-FORCE-RESISTING SYSTEM =	
INTERMEDIATE REINFORCED MASONRY SHEAR WALLS	
R	3.5
Ω_e	2.5
C_e	2.3
DESIGN BASE SHEAR	$V = 0.093W$
EQUVALENT LATERAL FORCE PROCEDURE	
NET ALLOWABLE SOIL BEARING	1500 lbs/sqft**
(**ASSUMED PER IBC TABLE 1806.2, PRESUMPTIVE LOAD-BEARING VALUES)	



1
S-100
NEW CMU OPENINGS PLAN
SCALE: 1/8" = 1'-0"

ROOF FRAMING NOTES

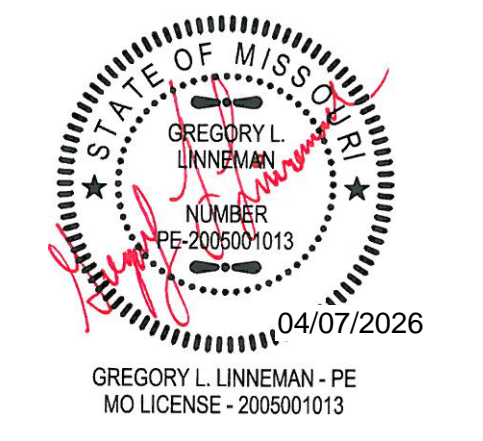
- (A) NEW LINTEL @ NEW CMU OPENING. REFER TO DETAIL S10/S-101 FOR MORE INFORMATION.



2
S-100
RTU FRAMING PLAN
SCALE: 1/8" = 1'-0"

ROOF FRAMING NOTES

- (1) NEW RTU TO REPLACE EXISTING RTU. COORDINATE WITH MEP DRAWINGS FOR EXACT LOCATION.
- (2) NEW 1500# RTU, COORDINATE WITH MEP DRAWINGS FOR EXACT LOCATION.
- (3) REFER TO TYP. ROOF OPENING DETAIL ON SHEET S-101 FOR ADDITIONAL OPENING REQUIREMENTS.



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407

www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of Authority
Number: 000826

CROCKETT
ENGINEERING CONSULTANTS
1000 W. Nifong Blvd., Bldg. 1
Columbia, Missouri 65203
573.447.0292
www.crockettengineering.com
Crockett Engineering
Consultants, LLC
Missouri Certificate of Authority
#2000151301

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE# 6292
ASSET# 8136292001

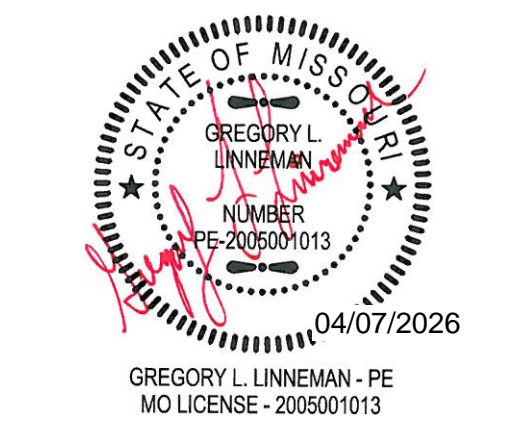
REVISION	DATE

CAD DWG FILE: _____
DRAWN BY: TGC
CHECKED BY: GLL
DESIGNED BY: GLL

SHEET TITLE:
**FRAMING
PLANS**

SHEET NUMBER:

S-100
10 of 53 SHEETS
APRIL 7, 2026



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407

www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of Authority
Number: 000826

CROCKETT
ENGINEERING CONSULTANTS
1000 W. Nifong Blvd., Bldg. 1
Columbia, Missouri 65203
573.447.0292
www.crockettengineering.com
Crockett Engineering
Consultants, LLC
Missouri Certificate of Authority
#2000151301

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE# 6292
ASSET# 8136292001

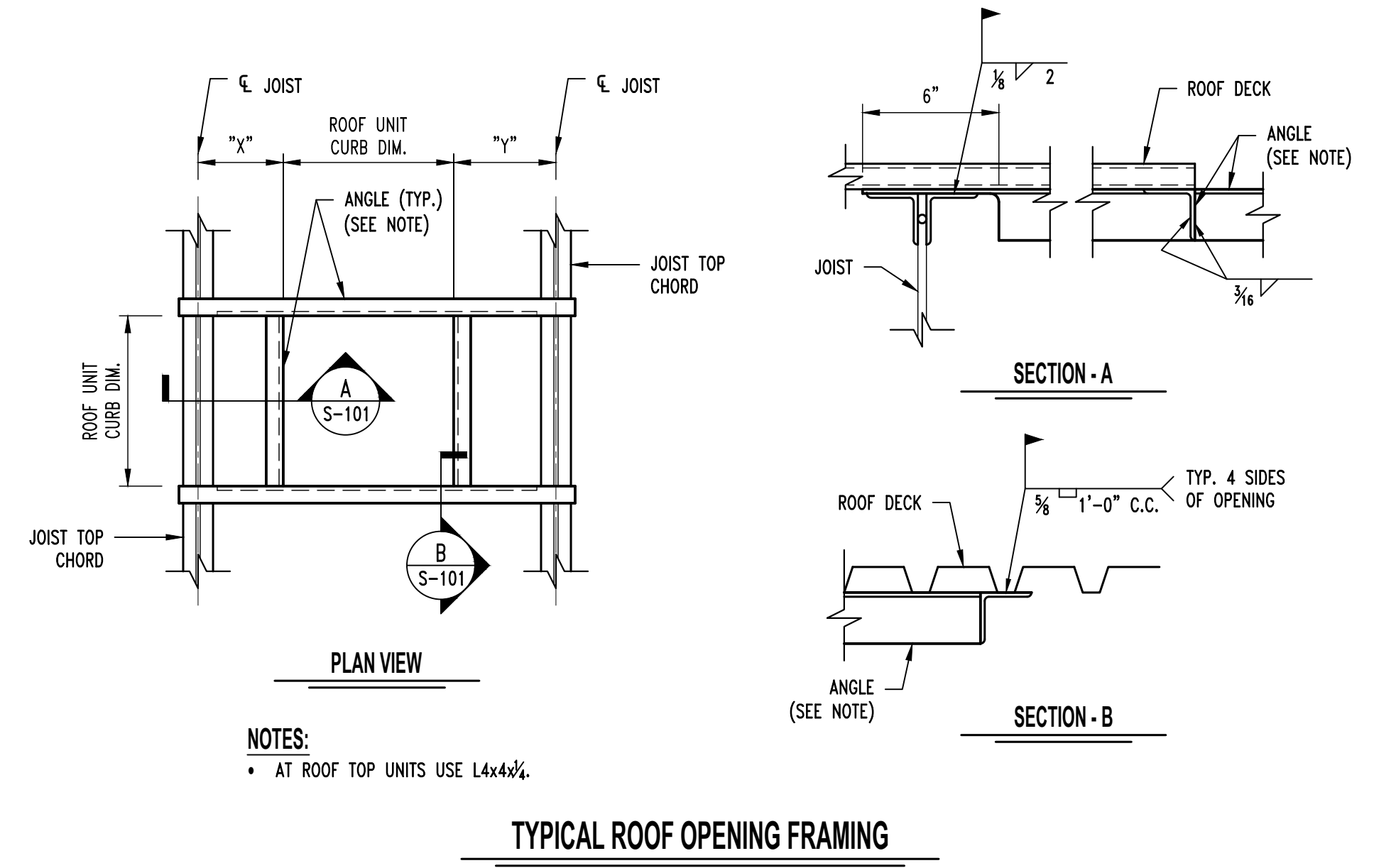
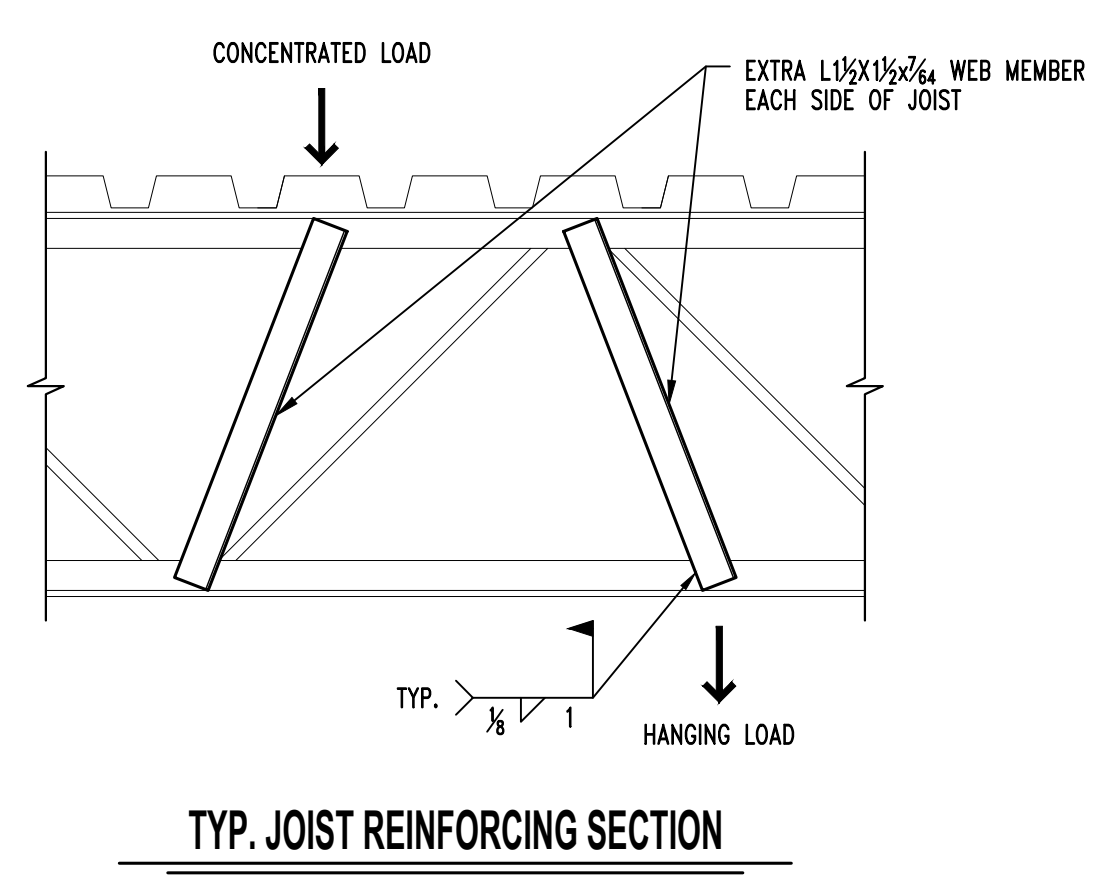
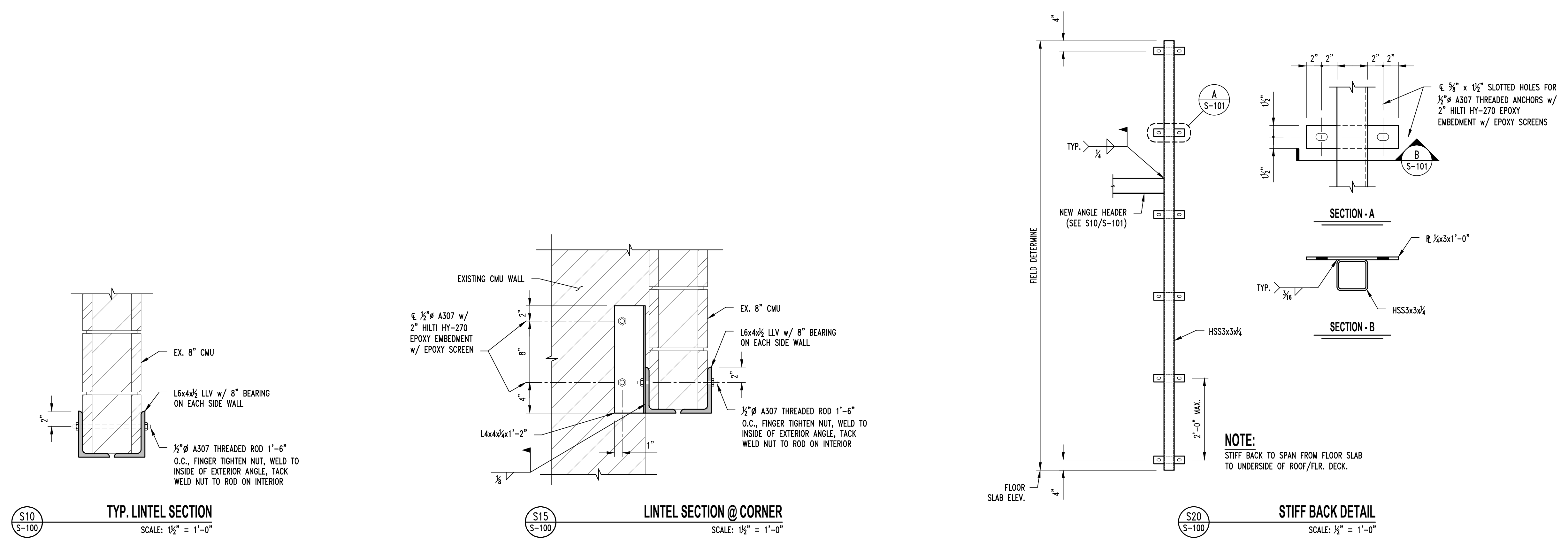
REVISION	DATE

CAD DWG FILE:
DRAWN BY: TGC
CHECKED BY: GLL
DESIGNED BY: GLL

SHEET TITLE:
**FRAMING
DETAILS**

SHEET NUMBER:

S-101
11 of 53 SHEETS
APRIL 7, 2026



NOTES:
• AT ROOF TOP UNITS USE L4x4 1/4



04/07/2026
Nicholas Bryon Borgmeyer - Architect
License No. A-2025015734

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squaredeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE: T2505-01_A001.dwg
DRAWN BY: BW
CHECKED BY: NB
DESIGNED BY: AR

SHEET TITLE:
**PARTITION TYPES &
TYPICAL MOUNTING
HEIGHTS**

SHEET NUMBER:

A001

12 of 53 SHEETS
APRIL 7, 2026

PARTITION SCHEDULE

TYPE	WALL THICKNESS	PLAN DETAIL	HEAD DETAIL	SILL DETAIL	UL #
A	0'-4 7/8"	3 5/8" 22 GAUGE METAL STUDS @ 16" O.C. REF WALL TAG FOR INSUL 5/8" TYPE "X" GYPSUM BOARD EA SIDE	STRUCTURAL DECK CONT SEALANT PER SPEC BOTH SIDES	CONT SEALANT PER SPEC BOTH SIDES STRUCTURAL FLOOR	N/A
A1	0'-4 7/8"	3 5/8" 22 GAUGE METAL STUDS @ 16" O.C. REF WALL TAG FOR INSUL 5/8" TYPE "X" GYPSUM BOARD EA SIDE	STRUCTURAL DECK CONT FIRE CAULK PER SPEC BOTH SIDES	CONT FIRE CAULK PER SPEC BOTH SIDES STRUCTURAL FLOOR	UL#263 UL#19
A2	0'-6 1/8"	3 5/8" 22 GAUGE METAL STUDS @ 16" O.C. REF WALL TAG FOR INSUL (2x) LAYERS 5/8" TYPE "X" GYPSUM BOARD EA SIDE	STRUCTURAL DECK CONT FIRE CAULK PER SPEC BOTH SIDES	CONT FIRE CAULK PER SPEC BOTH SIDES STRUCTURAL FLOOR	UL#263 W440
B	0'-7 1/4"	6" 22 GAUGE METAL STUDS @ 16" O.C. REF WALL TAG FOR INSUL 5/8" TYPE "X" GYPSUM BOARD EA SIDE	STRUCTURAL DECK CONT SEALANT PER SPEC BOTH SIDES	CONT SEALANT PER SPEC BOTH SIDES STRUCTURAL FLOOR	N/A
B1	0'-7 1/4"	6" 22 GAUGE METAL STUDS @ 16" O.C. REF WALL TAG FOR INSUL 5/8" TYPE "X" GYPSUM BOARD EA SIDE	STRUCTURAL DECK CONT FIRE CAULK PER SPEC BOTH SIDES	CONT FIRE CAULK PER SPEC BOTH SIDES STRUCTURAL FLOOR	UL#263 UL#19
B2	0'-8 1/2"	6" 22 GAUGE METAL STUDS @ 16" O.C. REF WALL TAG FOR INSUL (2x) LAYERS 5/8" TYPE "X" GYPSUM BOARD EA SIDE	STRUCTURAL DECK CONT FIRE CAULK PER SPEC BOTH SIDES	CONT FIRE CAULK PER SPEC BOTH SIDES STRUCTURAL FLOOR	UL#263 W440
C	0'-4 1/4"	3 5/8" 22 GAUGE METAL STUDS @ 16" O.C. 5/8" TYPE "X" GYPSUM BOARD ONE SIDE	STRUCTURAL DECK CONT SEALANT PER SPEC	CONT SEALANT PER SPEC STRUCTURAL FLOOR	N/A
C2	0'-3 1/8"	2 1/2" 22 GAUGE METAL STUDS @ 16" O.C. 5/8" TYPE "X" GYPSUM BOARD ONE SIDE	STRUCTURAL DECK CONT SEALANT PER SPEC	CONT SEALANT PER SPEC STRUCTURAL FLOOR	N/A

TYPE	WALL THICKNESS	PLAN DETAIL	HEAD DETAIL	SILL DETAIL	UL #
D	0'-2 1/4"	1 5/8" 22 GAUGE METAL STUDS @ 16" O.C. 5/8" TYPE "X" GYPSUM BOARD ONE SIDE	STRUCTURAL DECK CONT SEALANT PER SPEC	CONT SEALANT PER SPEC STRUCTURAL FLOOR	N/A
E	0'-6 5/8"	6" 22 GAUGE METAL STUDS @ 16" O.C. 5/8" TYPE "X" GYPSUM BOARD ONE SIDE	STRUCTURAL DECK CONT FIRE CAULK PER SPEC	CONT FIRE CAULK PER SPEC STRUCTURAL FLOOR	N/A
F	1'-2 1/2"	3 5/8" 22 GAUGE METAL STUDS @ 16" O.C. 5/8" TYPE "X" GYPSUM BOARD EA SIDE SOUND BATTS	STRUCTURAL DECK CONT SEALANT PER SPEC BOTH SIDES	CONT SEALANT PER SPEC BOTH SIDES STRUCTURAL FLOOR	N/A
G	0'-7 5/8"	8" REINFORCED CMU BLOCK	STRUCTURAL DECK	STRUCTURAL FLOOR	UL#263 U906
H	0'-5 1/8"	7/8" METAL HAT CHANNEL @ 16" O.C. 4" REINFORCED CMU BLOCK 5/8" TYPE "X" GYPSUM BOARD EA SIDE	STRUCTURAL DECK CONT FIRE CAULK PER SPEC	CONT FIRE CAULK PER SPEC STRUCTURAL FLOOR	UL#263 U914
H1	0'-9 7/8"	1 5/8" 22 GAUGE METAL STUDS @ 16" O.C. 8" REINFORCED CMU BLOCK 5/8" TYPE "X" GYPSUM BOARD EA SIDE	STRUCTURAL DECK CONT FIRE CAULK PER SPEC	CONT FIRE CAULK PER SPEC STRUCTURAL FLOOR	UL#263 U914
H2	0'-10 3/4"	2 1/2" 22 GAUGE METAL STUDS @ 16" O.C. 8" REINFORCED CMU BLOCK 5/8" TYPE "X" GYPSUM BOARD EA SIDE	STRUCTURAL DECK CONT FIRE CAULK PER SPEC	CONT FIRE CAULK PER SPEC STRUCTURAL FLOOR	UL#263 U914
H3	0'-9 7/8"	3 5/8" 22 GAUGE METAL STUDS @ 16" O.C. 8" REINFORCED CMU BLOCK 5/8" TYPE "X" GYPSUM BOARD EA SIDE	STRUCTURAL DECK CONT FIRE CAULK PER SPEC	CONT FIRE CAULK PER SPEC STRUCTURAL FLOOR	UL#263 U914

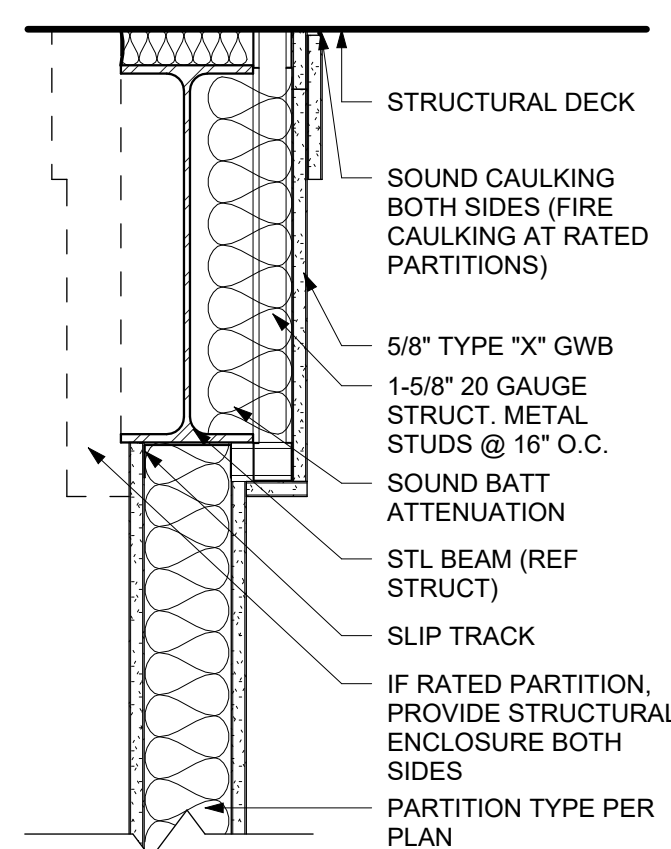
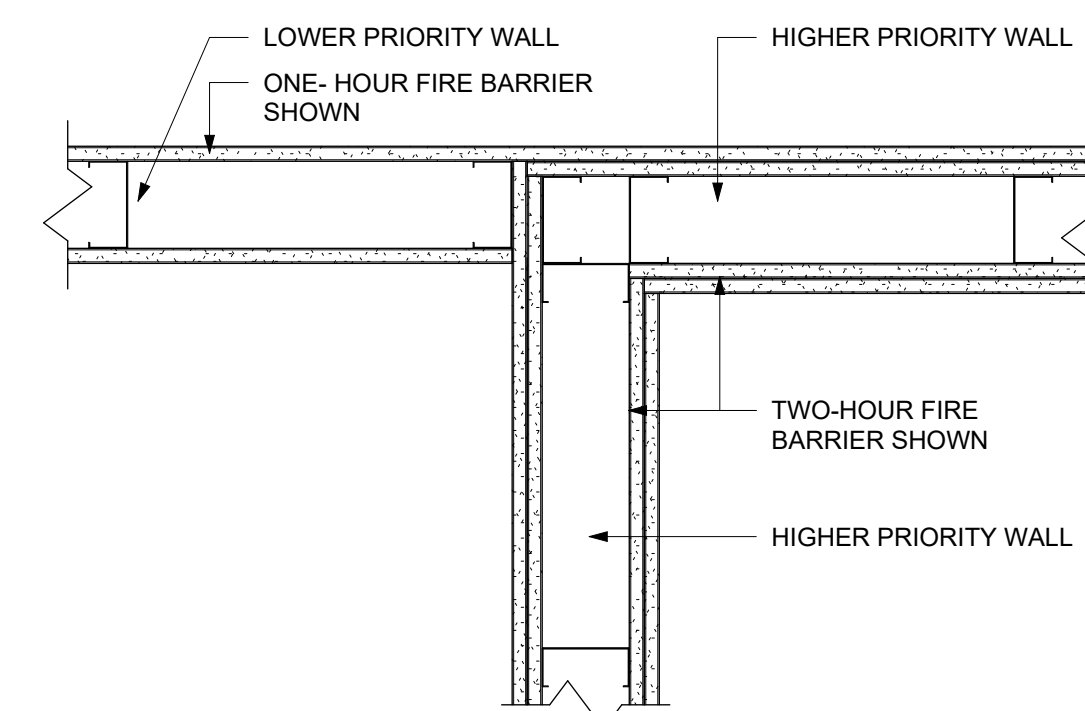
PARTITION NOTES

- ALL GYPSUM WALL BOARD ABUTTING OTHER MATERIAL TO BE FINISHED WITH METAL TRIM BEAD AND JOINT COMPOUND
- ALL BLOCKING TO BE 20 GA MTL. NO WOOD PERMITTED
- ALL DOOR OPENINGS SHALL HAVE 1'-6" FROM FACE OF FRAME TO THE PERPENDICULAR WALL ON THE PULL SIDE, AND 1'-0" CLEAR ON THE PUSH SIDE, TYPICAL
- DOOR FRAMES ARE TYPICALLY SHOWN 3" FROM FACE OF PERPENDICULAR WALL, UNLESS NOTED OTHERWISE
- ALL FIRE RATED WALL AND FLOOR PENETRATIONS SHALL COMPLY WITH ASTM E-814
- PARTITIONS TO BE BUILT IN ACCORDANCE WITH PARTITION SCHEDULE AND DESIGN REFERENCED. ALL REFERENCES ARE TO LATEST EDITION OF GYPSUM ASSOCIATION (GA) OR UNDERWRITERS LABORATORIES INC, FIRE RESISTANCE DIRECTORIES, TYPICAL
- PARTITION SCHEDULE IS GENERAL TO ALL WALL TYPES IN THE PROJECT. REFER TO DETAILS FOR SPECIAL CONDITIONS AND SIZE REQUIREMENTS.
- ALL PARTITIONS SHALL BE TYPE "AUDN", UNLESS NOTED OTHERWISE
- REFER TO WALL PRIORITY LEGEND FOR WALL PRIORITY AND PRECEDENCE.
- MINIMUM STUD GAUGE AND SPACING PER DRAWINGS AND SPEC.

WALL PRIORITY LEGEND

FOUR-HOUR FIRE WALL	PRIORITY 1	HIGHEST
THREE-HOUR FIRE WALL	PRIORITY 2	
FOUR-HOUR FIRE & SMOKE BARRIER	PRIORITY 3	
FOUR-HOUR FIRE BARRIER	PRIORITY 4	
THREE-HOUR FIRE & SMOKE BARRIER	PRIORITY 5	
THREE-HOUR FIRE BARRIER	PRIORITY 6	
TWO-HOUR FIRE & SMOKE BARRIER	PRIORITY 7	
TWO-HOUR FIRE BARRIER	PRIORITY 8	
ONE-HOUR FIRE & SMOKE BARRIER	PRIORITY 9	
ONE-HOUR FIRE BARRIER	PRIORITY 10	
NON-RATED SMOKE PARTITION	PRIORITY 11	
NON-RATED PARTITION	PRIORITY 12	
	PRIORITY 13	LOWEST

NOTE: ALL PARTITION TYPES INDICATED MAY-NOT BE USED. REFER TO THE PLANS FOR ADDITIONAL INFORMATION.



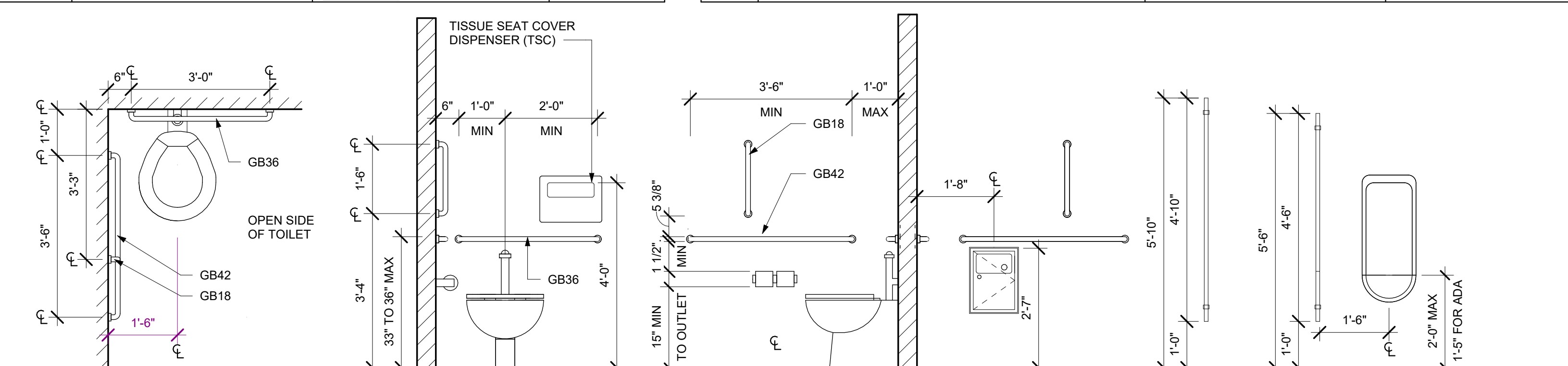
** TYP AT PARTITIONS PARALLEL TO AND BELOW STRUCTURE
GENERAL PARTITION NOTES:
SOUND BATT THICKNESS TO BE FULL DEPTH OF STUDS

TYP WALL TO STRUCTURE/DECK

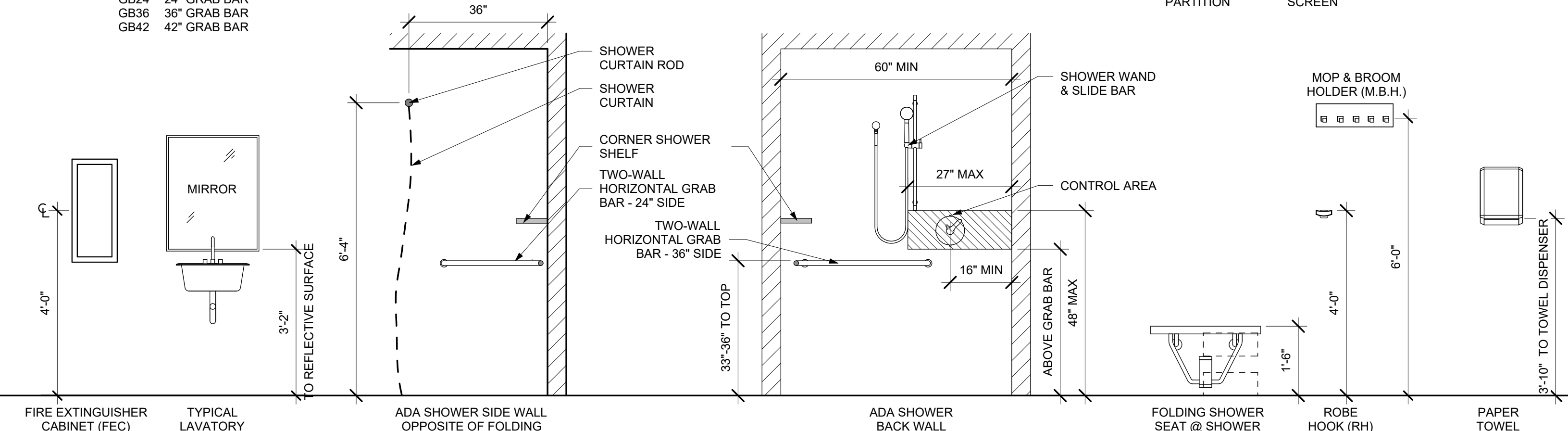
A001 1 1/2" = 1'-0"

GENERAL NOTES & SYMBOLS

(X1) STRUCTURAL GRID	(1) SIM BUILDING SECTION	(A301) BUILDING ELEVATION	(01) VIEW NAME
Name Elevation LEVEL MARKER	(1) SIM WALL SECTION	(A101) REVISION TAG	(1) 1/8" = 1'-0"
100'-0" SPOT ELEVATION	(1) SIM DETAIL SECTION	(C240) (L120) DOOR TAGS	DRAWING SHEET REFERENCING SHEET TRUE NORTH ARROW
(AUD1tr) WALL TAG	(A501) INTERIOR ELEVATION	(01) NEW WORK KEYNOTE	
	(100) OCCUPANT LOAD	(01) DEMOLITION KEYNOTE	



TOILET & GRAB BAR PLAN
GB18 18" GRAB BAR
GB24 24" GRAB BAR
GB36 36" GRAB BAR
GB42 42" GRAB BAR



TYP. MOUNTING HEIGHTS

1/2" = 1'-0"

1/2" = 1'-0" 0' 1'-0" 2'-0" 4'-0" 6'-0"



Nicholas Bryon Borgmeyer - Architect
License No. A-2025015734

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squaredeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE: T2505-01_A101.dwg
DRAWN BY: BW
CHECKED BY: NB
DESIGNED BY: AR

SHEET TITLE:
**FIRST FLOOR
DEMOLITION PLAN**

SHEET NUMBER:

A101

13 of 53 SHEETS
APRIL 7, 2026

GENERAL NOTES - DEMOLITION

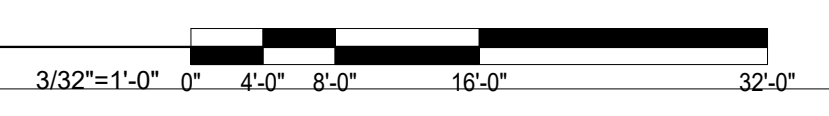
- REMOVE WALLS INDICATED BY THE FOLLOWING LINETYPE (UNLESS NOTED OTHERWISE).
- PROTECT EXISTING SURFACES & COMPONENTS SCHEDULED TO REMAIN
- REFER TO STRUCTURAL & MEP DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION
- BEFORE DEMOLITION PHASE, COORDINATE WITH OWNER REPRESENTATIVE
- ANY DOOR THAT IS CALLED TO BE DEMOLISHED AND IS DISCOVERED TO HAVE A BEST CORE AND/OR LEVER SHALL BE SALVAGED TO THE OWNER.

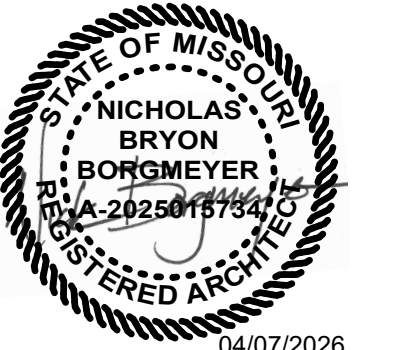
KEYNOTES - DEMOLITION PLAN

- HOLLOW METAL FRAME TO REMAIN IN PLACE. REMOVE WOOD DOOR SLAB TO BE REPLACED WITH NEW HOLLOW METAL DOOR. PAINT AND REPAIR FRAME.
- REMOVE GUTTERS AND DOWNSPOUTS
- FLOORING DEMOLITION AND ASBESTOS REMOVAL QUANTITIES AND TYPES AS INDICATED IN APPENDIX A. PRE-RENOVATION SURVEY ASBESTOS INSPECTION
- REMOVE ALL FIXTURES, ACCESSORIES AND PARTITION
- REMOVE BLINDS AT WINDOWS
- REMOVE RUBBER TREAD AND RISERS ON STAIRS
- ASBESTOS PIPE FITTINGS DEMOLITION AS INDICATED IN APPENDIX A. PRE-RENOVATION SURVEY ASBESTOS INSPECTION
- REMOVE COUNTERTOP
- REMOVE 2" GLAZED WALL TILE AND GLAZED COVE BASE FROM FLOOR TO TOP OF TILE (4'-0")
- REMOVE FULL HEIGHT WOOD PANELING
- REMOVE WINDOW AND FRAME
- REMOVE CONCRETE FLOOR SLAB AT HATCHED AREA IN PREPARATION FOR BELOW SLAB PLUMBING RENOVATIONS
- REMOVE HOLLOW METAL DOOR AND FRAME
- REMOVE WOOD DOOR AND FRAME
- CARPET FLOORING - REMOVE AND DISPOSE OF
- REMOVE EXISTING FIXTURE
- REMOVE PORTION OF WALL AND PREP FOR INSTALLATION OF NEW HOLLOW METAL DOOR FRAME
- REMOVE PORTION OF WALL UP TO 7'-4" BLOCK COURSE - REFER TO STRUCTURAL FOR UPPER WALL SUPPORT
- REMOVE PARTIAL HEIGHT WOOD WALL PANELING FROM ABOVE WAINSCOT (~48") TO CEILING
- 2" THICK GLAZED TILE & COVE BASE - REMOVE PER LBP ENVIRONMENTAL SPECIFICATIONS. COATINGS ARE LEAD BASED.
- 4" THICK GLAZED TILE & COVE BASE - REMOVE PER LBP ENVIRONMENTAL SPECIFICATIONS. COATINGS ARE LEAD BASED.



01 FIRST FLOOR DEMOLITION PLAN
A301/A101 3/32" = 1'-0"





04/07/2026
Nicholas Bryon Borgmeyer - Architect
License No. A-2025015734

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407

www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squaredeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE: T2505-01_A102.dwg
DRAWN BY: BW
CHECKED BY: NB
DESIGNED BY: AR

SHEET TITLE:
**FIRST FLOOR
DEMOLITION RCP**

SHEET NUMBER:

A102

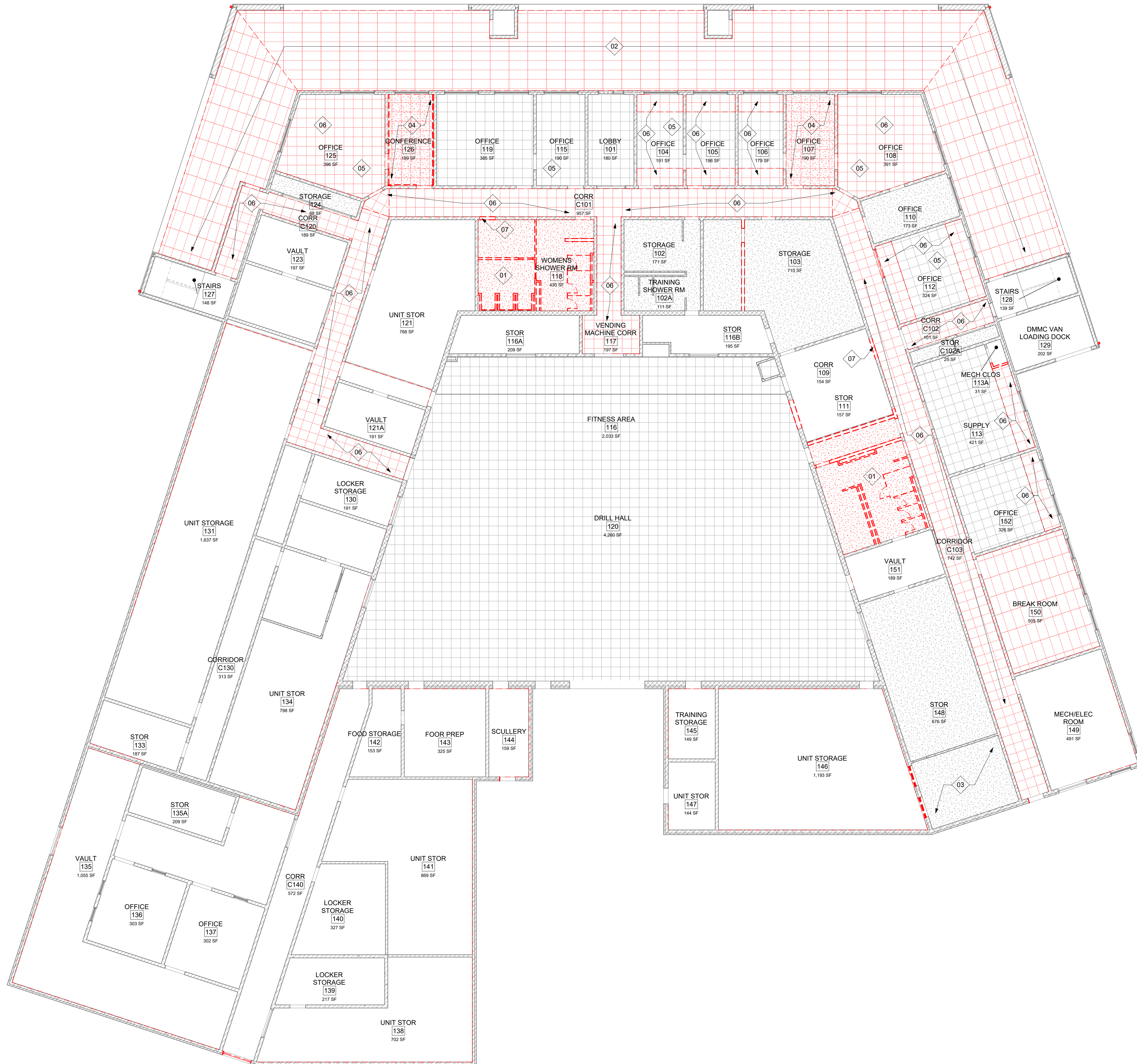
14 of 53 SHEETS
APRIL 7, 2026

GENERAL NOTES - DEMOLITION

- REMOVE WALLS INDICATED BY THE FOLLOWING LINETYPE (UNLESS NOTED OTHERWISE).
- PROTECT EXISTING SURFACES & COMPONENTS SCHEDULED TO REMAIN
- REFER TO STRUCTURAL & MEP DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION
- BEFORE DEMOLITION PHASE, COORDINATE WITH OWNER REPRESENTATIVE
- ANY DOOR THAT IS CALLED TO BE DEMOLISHED AND IS DISCOVERED TO HAVE A BEST CORE AND/OR LEVER SHALL BE SALVAGED TO THE OWNER.

KEYNOTES - DEMOLITION RCP

- | | |
|----|---|
| 01 | REMOVE GYPSUM BOARD CEILING AND WOOD FURRING |
| 02 | REMOVE EXTERIOR 2x4 CEILING TILE AND GRID SYSTEM AND BATT INSULATION ABOVE CEILING |
| 03 | REMOVE 4'x8' AREA OF DAMAGED GWB CEILING |
| 04 | REMOVE 2x2 ACT CEILING AND ABOVE GWB CEILING AND WOOD FURRING |
| 05 | REMOVE PART OF GWB CEILING ABOVE THE 2X2 CEILING - LEAVING 20% OPEN |
| 06 | REMOVE 2x2 CEILING TILE AND GRID |
| 07 | NEW OPENING IN MASONRY WALL FOR NEW DOOR FRAME - REFER TO STRUCTURAL DETAILS FOR RESUPPORT OF BLOCK TO REMAIN AT FRAME HEAD |





Nicholas Bryon Borgmeyer - Architect
License No. A-2025015734

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squaredeng.com

**OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION**

**DEPARTMENT OF MISSOURI
NATIONAL GUARD**

**JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR**

**801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI**

PROJECT # **T2505-01**
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE: T2505-01_A103.dwg
DRAWN BY: BW
CHECKED BY: NB
DESIGNED BY: AR

SHEET TITLE:
**SECOND FLOOR
DEMOLITION PLAN AND
ALTERNATE NO.3**

SHEET NUMBER:

A103

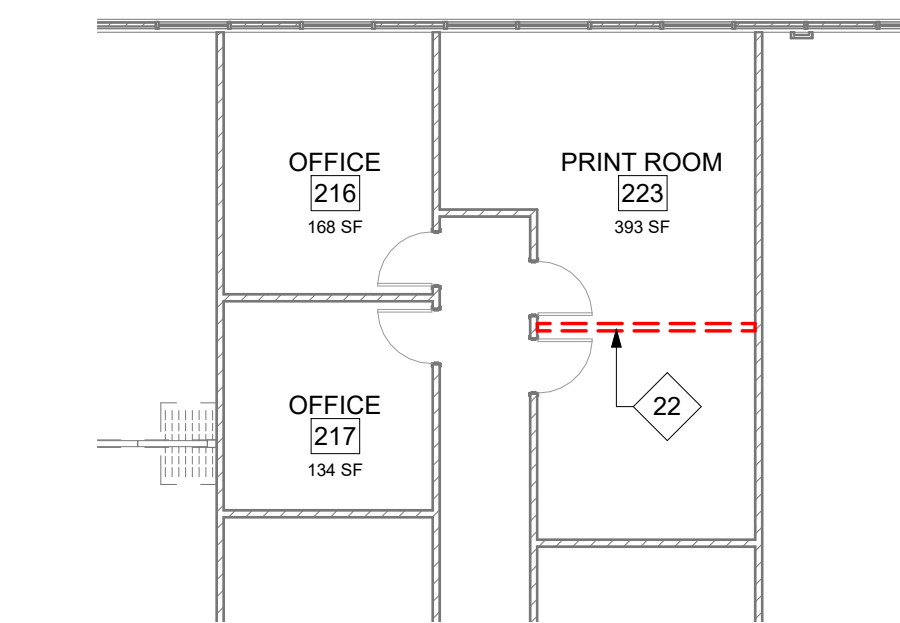
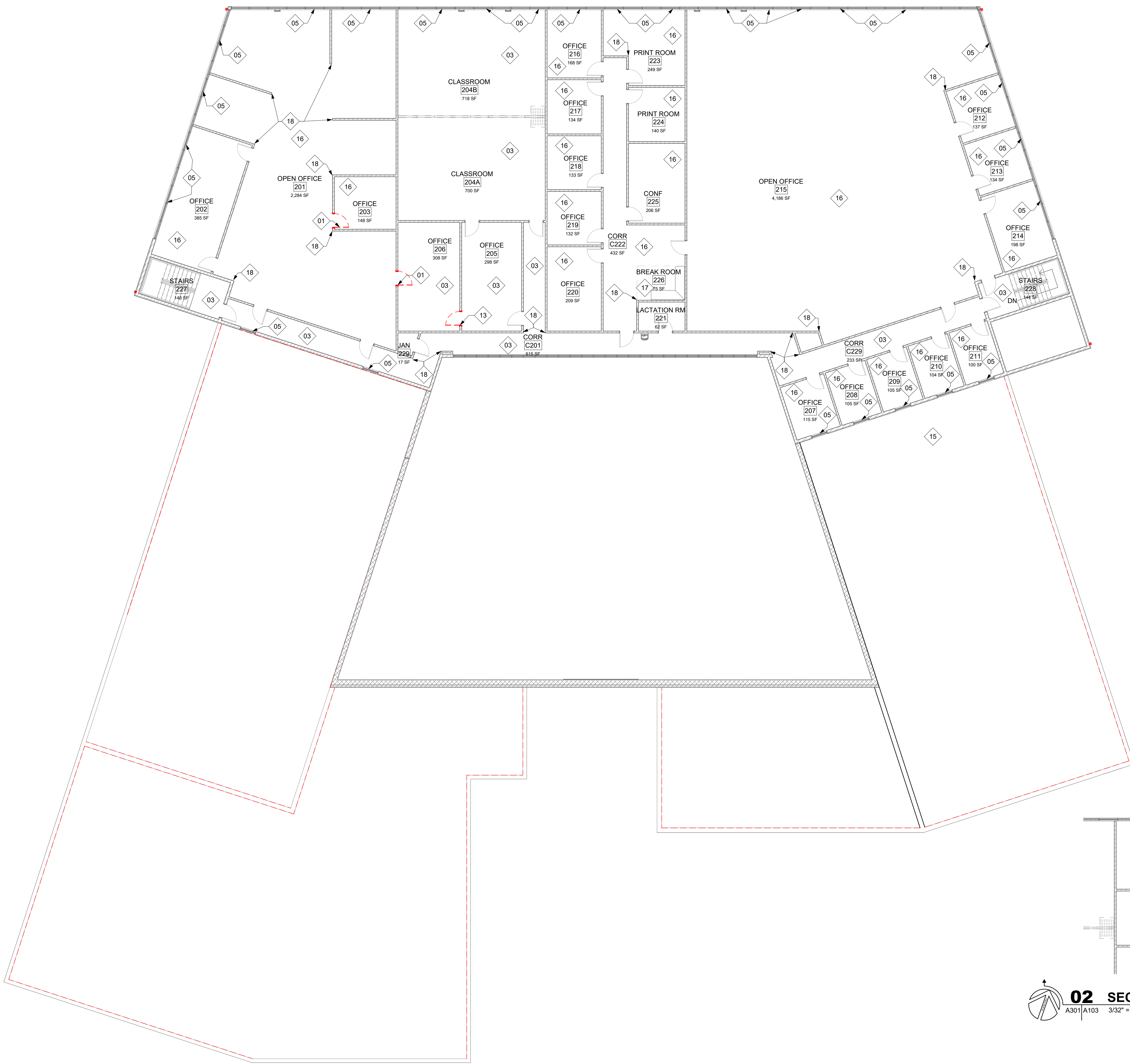
15 of 53 SHEETS
APRIL 7, 2026

GENERAL NOTES - DEMOLITION

- REMOVE WALLS INDICATED BY THE FOLLOWING LINETYPE (UNLESS NOTED OTHERWISE).
- PROTECT EXISTING SURFACES & COMPONENTS SCHEDULED TO REMAIN
- REFER TO STRUCTURAL & MEP DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION
- BEFORE DEMOLITION PHASE, COORDINATE WITH OWNER REPRESENTATIVE
- ANY DOOR THAT IS CALLED TO BE DEMOLISHED AND IS DISCOVERED TO HAVE A BEST CORE AND/OR LEVER SHALL BE SALVAGED TO THE OWNER.

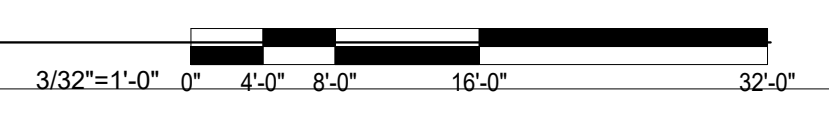
KEYNOTES - DEMOLITION PLAN

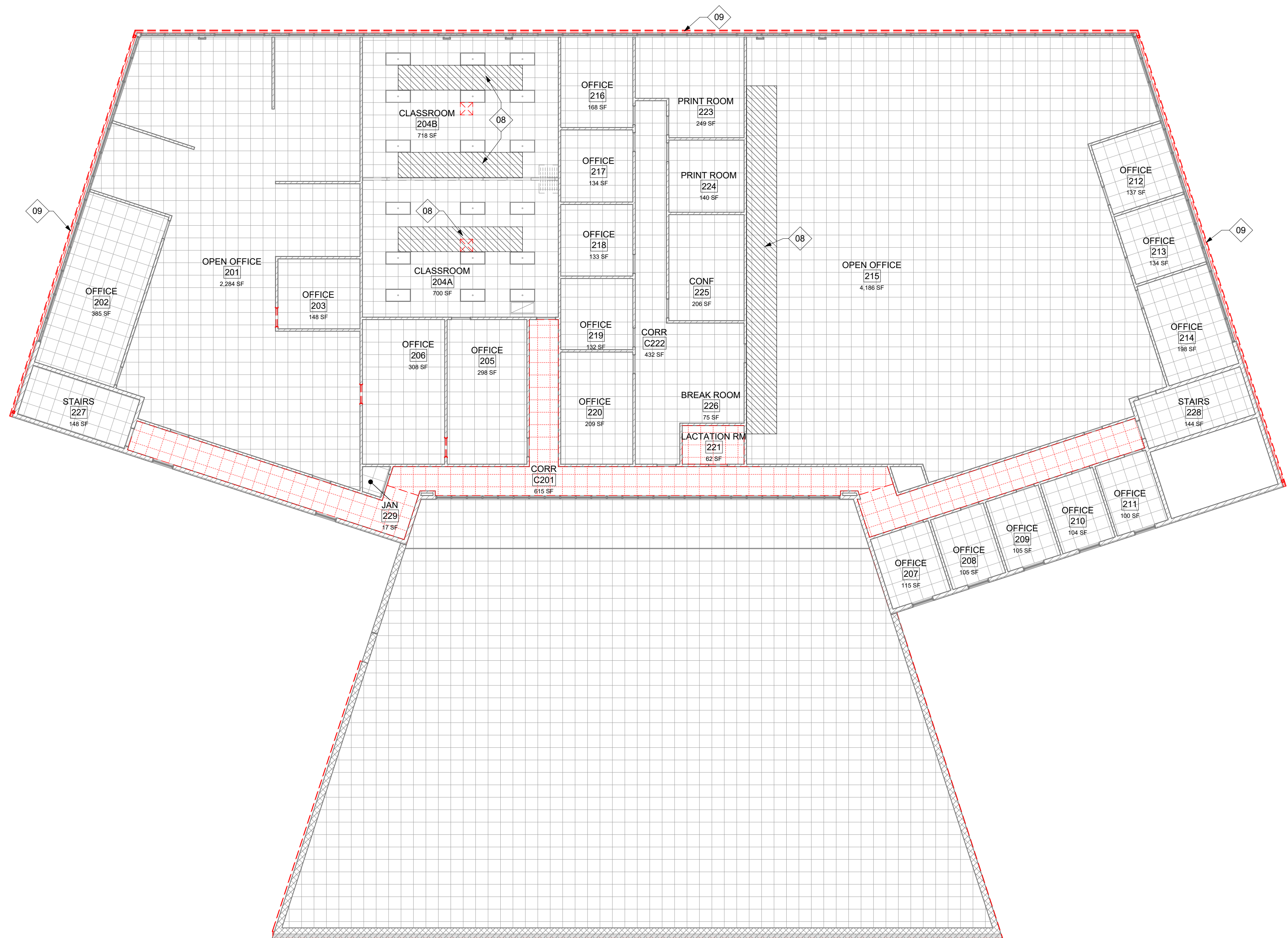
- 01 HOLLOW METAL FRAME TO REMAIN IN PLACE, REMOVE WOOD DOOR SLAB TO BE REPLACED WITH NEW HOLLOW METAL DOOR. PAINT AND REPAIR FRAME.
- 03 FLOORING DEMOLITION AND ASBESTOS REMOVAL QUANTITIES AND TYPES AS INDICATED IN APPENDIX A: PRE-RENOVATION SURVEY ASBESTOS INSPECTION
- 05 REMOVE BLINDS AT WINDOWS
- 13 REMOVE HOLLOW METAL DOOR AND FRAME
- 15 PREPARE ROOF ASSEMBLY FOR NEW RTU ROOF CURB AND ROOF DECK PENETRATIONS PER MEP DRAWINGS
- 16 CARPET FLOORING - REMOVE AND DISPOSE OF
- 17 VINYL TILE FLOORING - REMOVE AND DISPOSE OF
- 18 CORNER GUARDS - REMOVE AND SALVAGE FOR REINSTALLATION
- 22 ALTERNATE NO.3 - REMOVE PORTION OF WALL TO 3" BELOW LOWEST ADJACENT CEILING



02 SECOND FLOOR DEMOLITION PLAN (ALT NO.3)
A301|A103 3/32" = 1'-0"

01 SECOND FLOOR DEMOLITION PLAN
A301|A103 3/32" = 1'-0"





GENERAL NOTES - DEMOLITION

1. REMOVE WALLS INDICATED BY THE FOLLOWING LINETYPE (UNLESS NOTED OTHERWISE):
- - - - -
2. PROTECT EXISTING SURFACES & COMPONENTS SCHEDULED TO REMAIN
3. REFER TO STRUCTURAL & MEP DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION
4. BEFORE DEMOLITION PHASE, COORDINATE WITH OWNER REPRESENTATIVE
5. ANY DOOR THAT IS CALLED TO BE DEMOLISHED AND IS DISCOVERED TO HAVE A BEST CORE AND/OR LEVER SHALL BE SALVAGED TO THE OWNER.

KEYNOTES - DEMOLITION RCP

- 08 TEMPORARILY REMOVE CEILING GRID AND TILE FOR HVAC WORK ABOVE CEILING
- 09 GUTTER - REMOVE AND PREP WALL FOR NEW GUTTER

STATE OF MISSOURI
 MIKE KEHOE,
 GOVERNOR



01/01/2021
 Nicholas Bryon Borgmeyer - Architect
 License No. A-2025015734

PROFESSIONAL SEAL



Architecture
 Interior Design
 Planning
 Sustainability
 2801 Woodard Drive, Suite 103
 Columbia, MO 65202
 573.443.1407
www.soa-inc.com
 Simon Oswald Associates, Inc.
 Missouri Certificate of
 Authority Number: 000826

CIVIL ENGINEER:
 601 MONROE STREET, SUITE 201
 JEFFERSON CITY, MO 65101-3180
 PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
 2400 Bluff Creek Drive, Suite 101
 Columbia, Missouri 65201
 573.234.4492
www.j-squareeng.com

**OFFICE OF
 ADMINISTRATION
 DIVISION OF FACILITIES
 MANAGEMENT,
 DESIGN AND
 CONSTRUCTION**

**DEPARTMENT OF MISSOURI
 NATIONAL GUARD**

**JEFFERSON CITY
 READINESS CENTER
 BUILDING 1 - REPAIRS TO
 INTERIOR / EXTERIOR**

**801 ARMORY DRIVE,
 JEFFERSON CITY,
 MISSOURI**

PROJECT # **T2505-01**
 SITE # 6292
 ASSET # 8136292001

REVISION	DATE

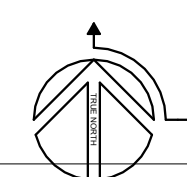
CAD DWG FILE: T2505-01_A104.dwg
 DRAWN BY: BW
 CHECKED BY: NB
 DESIGNED BY: AR

SHEET TITLE:
**SECOND FLOOR
 DEMOLITION RCP**

SHEET NUMBER:

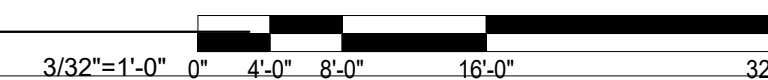
A104

16 of 53 SHEETS
 APRIL 7, 2026



01 LEVEL 02 - DEMOLITION REFLECTED CEILING PLAN

A104 3/32" = 1'-0"





04/07/2026
Nicholas Bryon Borgmeyer - Architect
License No. A-2025015734

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407

www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squaredeng.com

**OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION**

**DEPARTMENT OF MISSOURI
NATIONAL GUARD**

**JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR**

**801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI**

PROJECT # **T2505-01**
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE: T2505-01_A105.dwg
DRAWN BY: BW
CHECKED BY: NB
DESIGNED BY: AR

SHEET TITLE:
**ROOF DEMOLITION
PLAN**

SHEET NUMBER:

A105

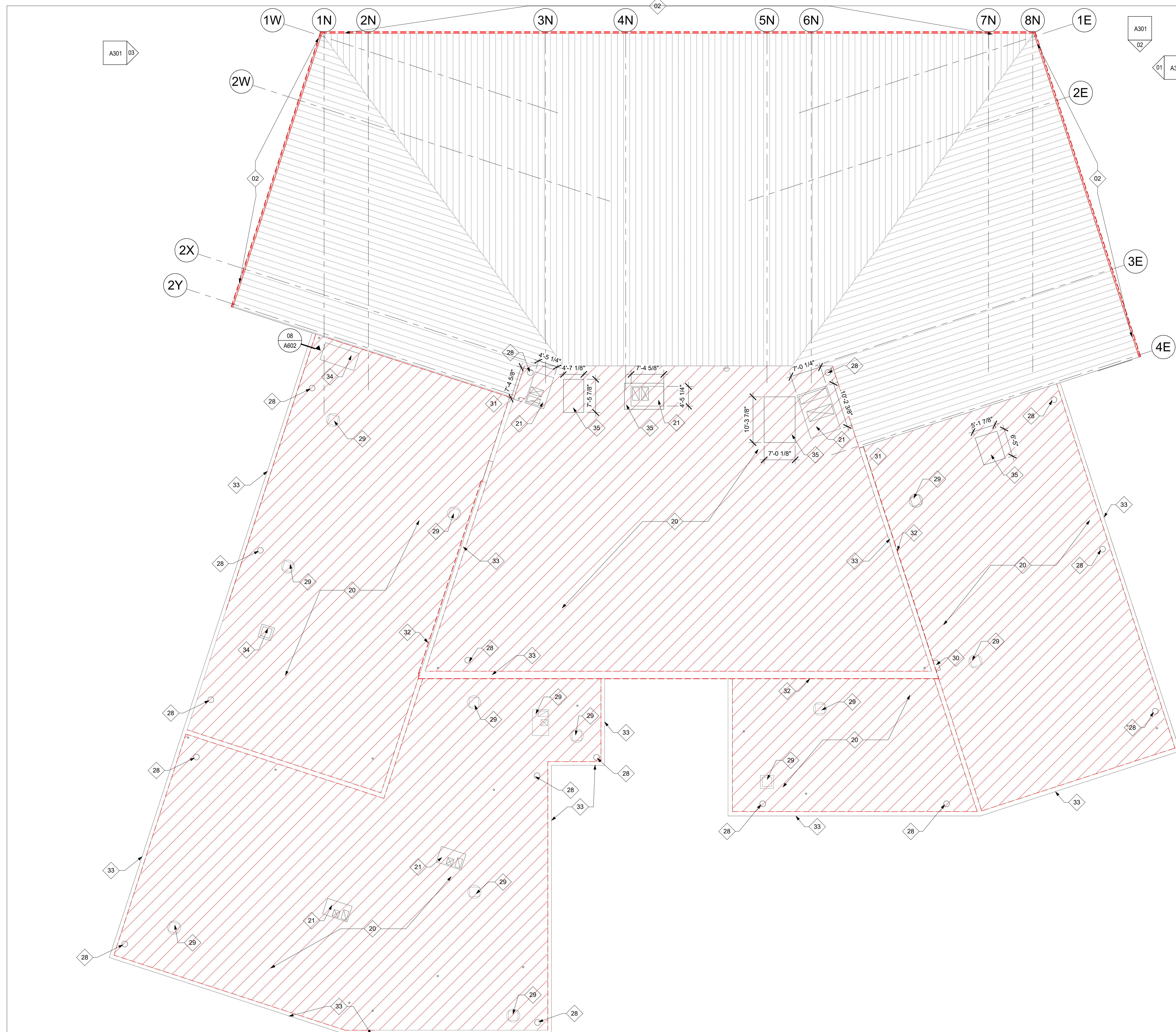
17 of 53 SHEETS
APRIL 7, 2026

DEMOLITION ROOF GENERAL NOTES

- FIELD VERIFY ALL DIMENSIONS. IF DIMENSIONS VARY SIGNIFICANTLY NOTIFY THE ARCHITECT
- ALL DIMENSIONS TO FACE OF STEEL STUD OR EXISTING FINISH UNLESS NOTED OTHERWISE
- CONSTRUCTION MATERIALS SHALL BE SECURED NIGHTLY TO ELIMINATE THE POSSIBILITY OF ANYTHING BEING BLOWN OFF THE ROOF

KEYNOTES - DEMOLITION PLAN

- 02 REMOVE GUTTERS AND DOWNSPOUTS
- 20 REMOVE FULLY ADHERED EPDM MEMBRANE DOWN TO TOP OF 1/2" GYPSUM COVER BOARD. ROOFING TO BE REMOVED IS REPRESENTED BY THE FOLLOWING HATCH.
- 21 HVAC ROOF EQUIPMENT CURB - REMOVE. PREPARE ROOF DECK FOR NEW ROOF CURB
- 28 ROOF DRAIN BASKET - REMOVE. RETAIN EXISTING DRAIN BODY
- 29 HVAC ROOF EQUIPMENT CURB TO REMAIN
- 30 WALL MOUNT ELECTRICAL PANEL AND ASSOCIATED CONDUIT ON ROOF TO REMAIN
- 31 PRE-CAST CONCRETE SPLASHBLOCK TO REMAIN - TEMPORARILY MOVE AS NEEDED FOR DEMOLITION AND NEW WORK AND REINSTALL AT CONCLUSION OF NEW WORK
- 32 PRE-FINISHED 2-PIECE METAL REGLET AND COUNTER FLASHING - TEMPORARILY REMOVE RIVETED LOWER PIECE FOR ROOFING WORK
- 33 PREFINISHED METAL WALL GRAVEL STOP AND CLEAT - REMOVE
- 34 HVAC ROOF EQUIPMENT CURB TO REMAIN - REFER TO MEP DRAWINGS FOR ANY NECESSARY PREPARATION FOR NEW ROOF TOP UNITS
- 35 REMOVE EXISTING ROOF ASSEMBLY DOWN TO STRUCTURAL ROOF DECK AND PREPARE FOR INSTALLATION OF NEW ROOF CURB (REFER TO MECHANICAL DRAWINGS)





01/01/2021
Nicholas Bryon Borgmeyer - Architect
License No. A-2025015734

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squaredeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE: T2505-01_A201.dwg
DRAWN BY: BW
CHECKED BY: NB
DESIGNED BY: AR

SHEET TITLE:
**FIRST FLOOR NEW
WORK PLAN AND
ALTERNATE NO.2**

SHEET NUMBER:

A201

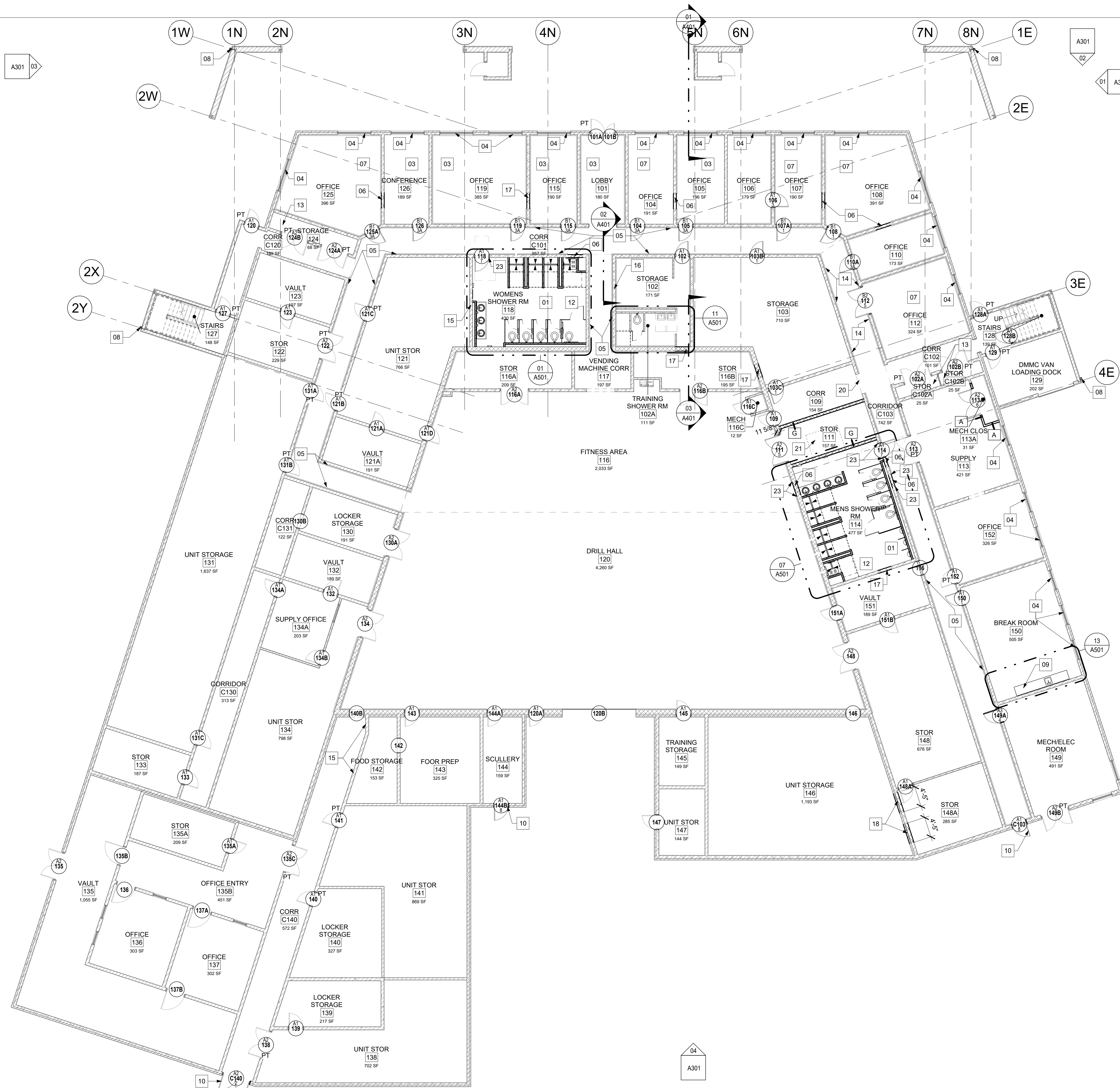
18 of 53 SHEETS
APRIL 7, 2026

NEW WORK GENERAL NOTES

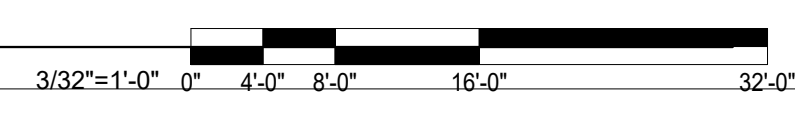
- FIELD VERIFY ALL DIMENSIONS. IF DIMENSIONS VARY SIGNIFICANTLY NOTIFY THE ARCHITECT
- ALL DIMENSIONS TO CENTERLINE OF COLUMN, FACE OF STEEL STUD, OR MASONRY UNLESS NOTED OTHERWISE
- ALL NON STRUCTURAL METAL FRAMING (NSMF) 16" ON CENTER UNLESS NOTED OTHERWISE
- GRAY WALLS & DOORS ARE EXISTING TO REMAIN - PROTECT DURING CONSTRUCTION
- DASHED GRAY COMPONENTS ARE NOT IN CONTRACT
- REFER TO SHEET A001 FOR PARTITION TYPES
- PAINT EXISTING DOOR FRAMES AND DOOR PANELS WHERE "PT" IS LOCATED IN PLAN BY THE DOOR
- CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING WITH MORTAR ALL HOLES IN CMU WALLS PRIOR TO PAINTING

KEYNOTES - NEW WORK PLAN

- NEW 4" CONCRETE FLOOR SLAB W/ 6x6 - W/2.9xW2.9 WWF OVER 10 MIL VAPOR BARRIER & 6" CLEAN GRANULAR FILL
- NEW 1/2" GYPSUM WALL BOARD OVER EXISTING BLOCK WALLS AND RETURN AT WINDOW JAMBS AND HEADS
- 1" METAL MINI BLINDS AT WINDOWS - STANDARD WINDOW SIZE 4'-5" X 6'-0"
- EXISTING YELLOW GLAZED WALL TILE TO BE COATED WITH EPOXY PRODUCT
- INFILL FORMER DOOR FRAME OPENING WITH STANDARD 8"X16"X8" AND SKIM COAT WITH EPOXY PRODUCT AT WAINSCOT HEIGHT
- PATCH DRYWALL AND CMU HOLES IN WALL (AS A RESULT OF REMOVAL OF MARKERBOARDS AND TACKBOARDS - THE GUARD WILL REMOVE ITEMS PRIOR TO CONSTRUCTION)
- NEW PRE-FINISHED DOWNSPOUTS
- NEW PLASTIC LAMINATE COUNTERTOP AND BASE CABINETS
- NEW HOLLOW METAL DOOR AND FRAME
- ALTERNATE NO.2 - RESINOUS FLOORING SYSTEM
- ASBESTOS FLOOR TILE - LEAVE IN PLACE
- INFILL OLD VENT OPENINGS WITH STANDARD CMU TO MATCH EXISTING WALL THICKNESS - ALL CORRIDOR LOCATIONS ON LOWER LEVEL
- INFILL EXISTING BLOCK WALL AT DEMOED HVAC DUCT
- INFILL ROCK WOOL INSULATION AND SEALANT ABOVE CEILING AT EXISTING BLOCK WALL AT DEMOED HVAC DUCT
- INFILL FORMER DOOR FRAME OPENING WITH STANDARD 8"X16"X8"
- INFILL FORMER 3'-4" TALL WINDOW OPENING WITH 12"X8"X16" CMU
- NEW WALL OPENING - REFER TO STRUCTURAL DETAILS. FILL CMU JAMBS WITH GROUT, MAKE FLUSH FOR ENTIRE HEIGHT OF JAMB, AND PAINT JAMB FACES TO MATCH ADJACENT CMU
- OWNER EQUIPMENT
- STIFF BACK - PAINT IPS-5B



01 FIRST FLOOR NEW WORK PLAN
A301/A201 3/32" = 1'-0"





04/07/2026
Nicholas Bryon Borgmeyer - Architect
License No. A-2025015734

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squaredeng.com

**OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION**

**DEPARTMENT OF MISSOURI
NATIONAL GUARD**

**JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR**

**801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI**

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE: T2505-01_A203.dwg
DRAWN BY: BW
CHECKED BY: NB
DESIGNED BY: AR

SHEET TITLE:
**SECOND FLOOR NEW
WORK PLAN AND
ALTERNATE NO.3**

SHEET NUMBER:

A203

20 of 53 SHEETS
APRIL 7, 2026

NEW WORK GENERAL NOTES

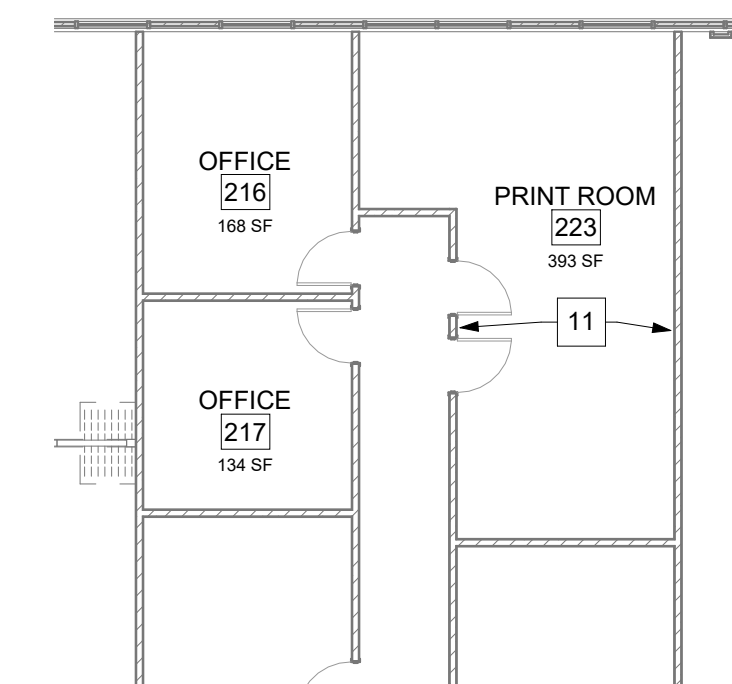
1. FIELD VERIFY ALL DIMENSIONS. IF DIMENSIONS VARY SIGNIFICANTLY NOTIFY THE ARCHITECT
2. ALL DIMENSIONS TO CENTERLINE OF COLUMN, FACE OF STEEL STUD, OR MASONRY UNLESS NOTED OTHERWISE
3. ALL NON STRUCTURAL METAL FRAMING (NSMF) 16" ON CENTER UNLESS NOTED OTHERWISE
4. GRAY WALLS & DOORS ARE EXISTING TO REMAIN - PROTECT DURING CONSTRUCTION
5. DASHED GRAY COMPONENTS ARE NOT IN CONTRACT
6. REFER TO SHEET A001 FOR PARTITION TYPES.
7. PAINT EXISTING DOOR FRAMES AND DOOR PANELS WHERE "PT" IS LOCATED IN PLAN BY THE DOOR
8. CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING WITH MORTAR ALL HOLES IN CMU WALLS PRIOR TO PAINTING

KEYNOTES - NEW WORK PLAN

- 02 CORNER GUARD (CG-1)
- 11 ALTERNATE NO.3 - INFILL GWB AT PRIOR WALL LOCATION AND PATCH AND PAINT TO BE FLUSH WITH EXISTING ADJACENT WALL
- 18 INFILL FORMER 3'-4" TALL WINDOW OPENING WITH 12"x8"x16" CMU
- 19 INFILL FORMER DOOR FRAME OPENING WITH 3'-5/8" METAL STUDS AND 1/2" THICK, GWB EACH SIDE. TAPE AND MUD SMOOTH INTO ADJACENT EXISTING WALL. PROVIDE NEW 4" VINYL WALL COVE BASE EACH SIDE TO MATCH EXISTING.
- 22 GWB PATCHING IN WALL ADJACENT TO WINDOW - REFER TO BELOW IMAGE



03 EXIST OFFICE 210 WINDOW
A203 NOT TO SCALE



02 SECOND FLOOR NEW WORK PLAN (ALT NO.3)
A301 A203 3/32" = 1'-0"

3/32"=1'-0" 0" 4'-0" 8'-0" 16'-0" 32'-0"

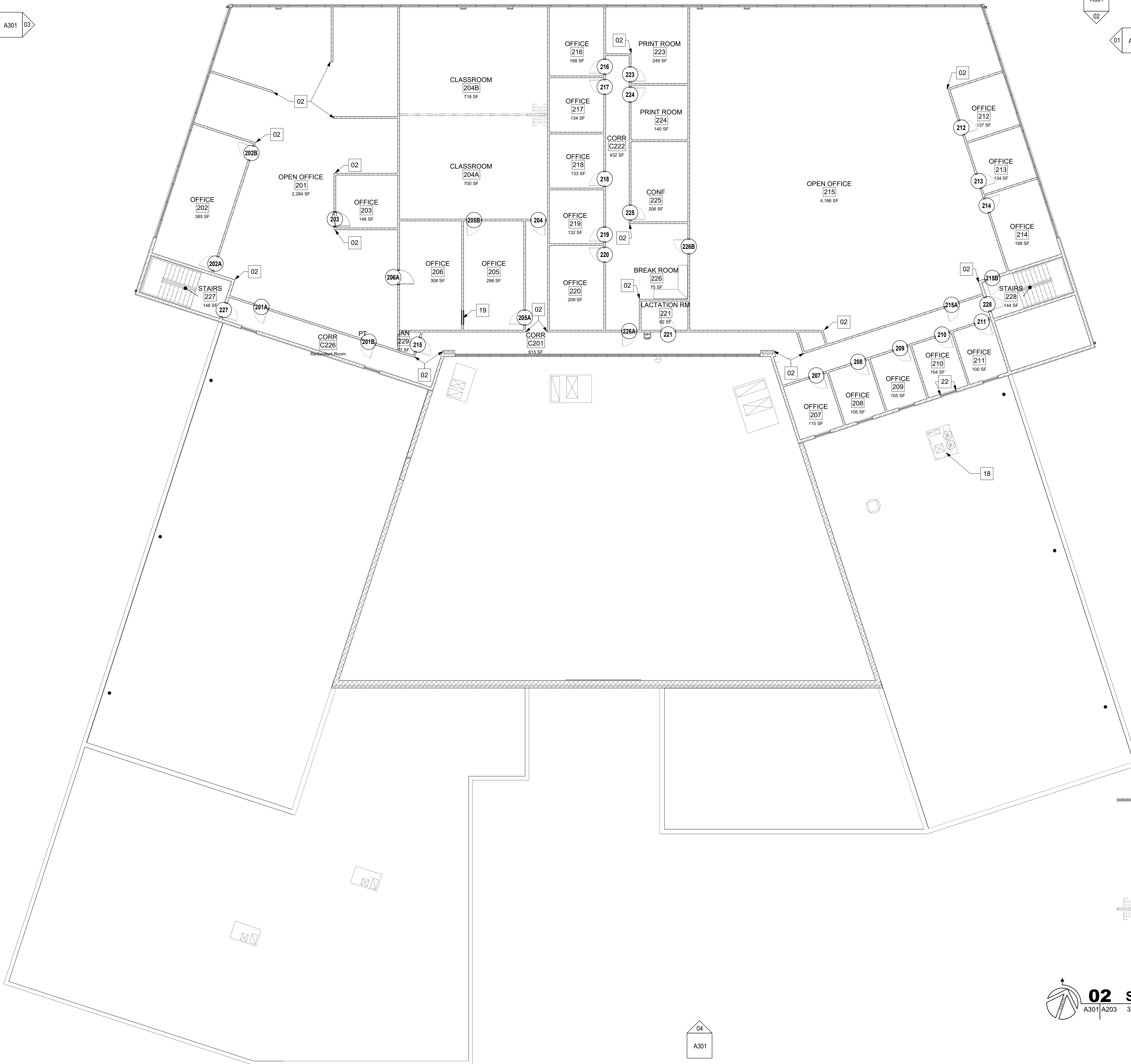
A301 03

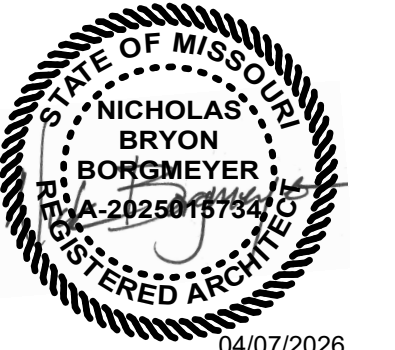
A301 02

01 A301

04
A301

01 SECOND FLOOR NEW WORK PLAN
A301 A203 3/32" = 1'-0"





04/07/2026
Nicholas Bryon Borgmeyer - Architect
License No. A-2025015734

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squaredeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE: T2505-01_A204.dwg
DRAWN BY: BW
CHECKED BY: NB
DESIGNED BY: AR

SHEET TITLE:
**SECOND FLOOR
REFLECTED CEILING
PLAN AND ADD ALT
NO.3**

SHEET NUMBER:

A204

21 of 53 SHEETS
APRIL 7, 2026

GENERAL NOTES - CEILING

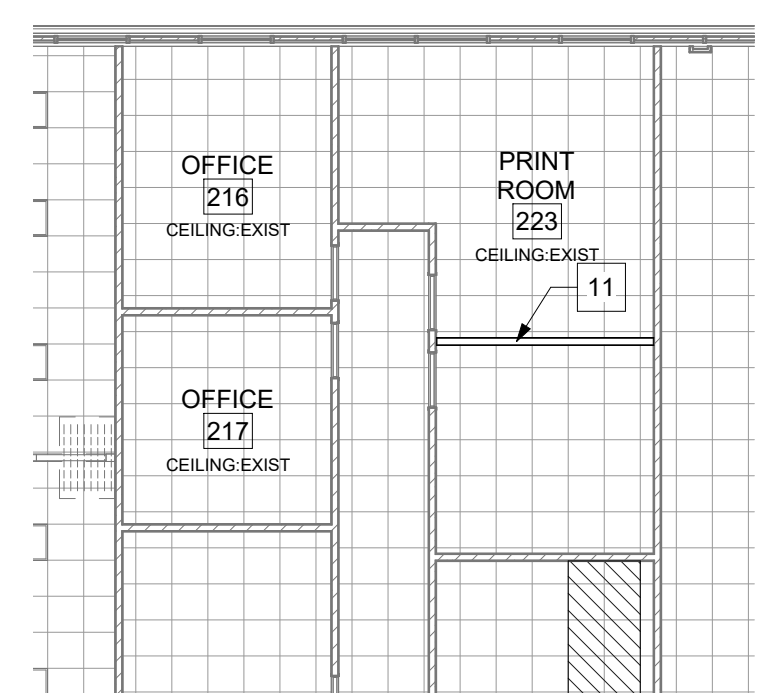
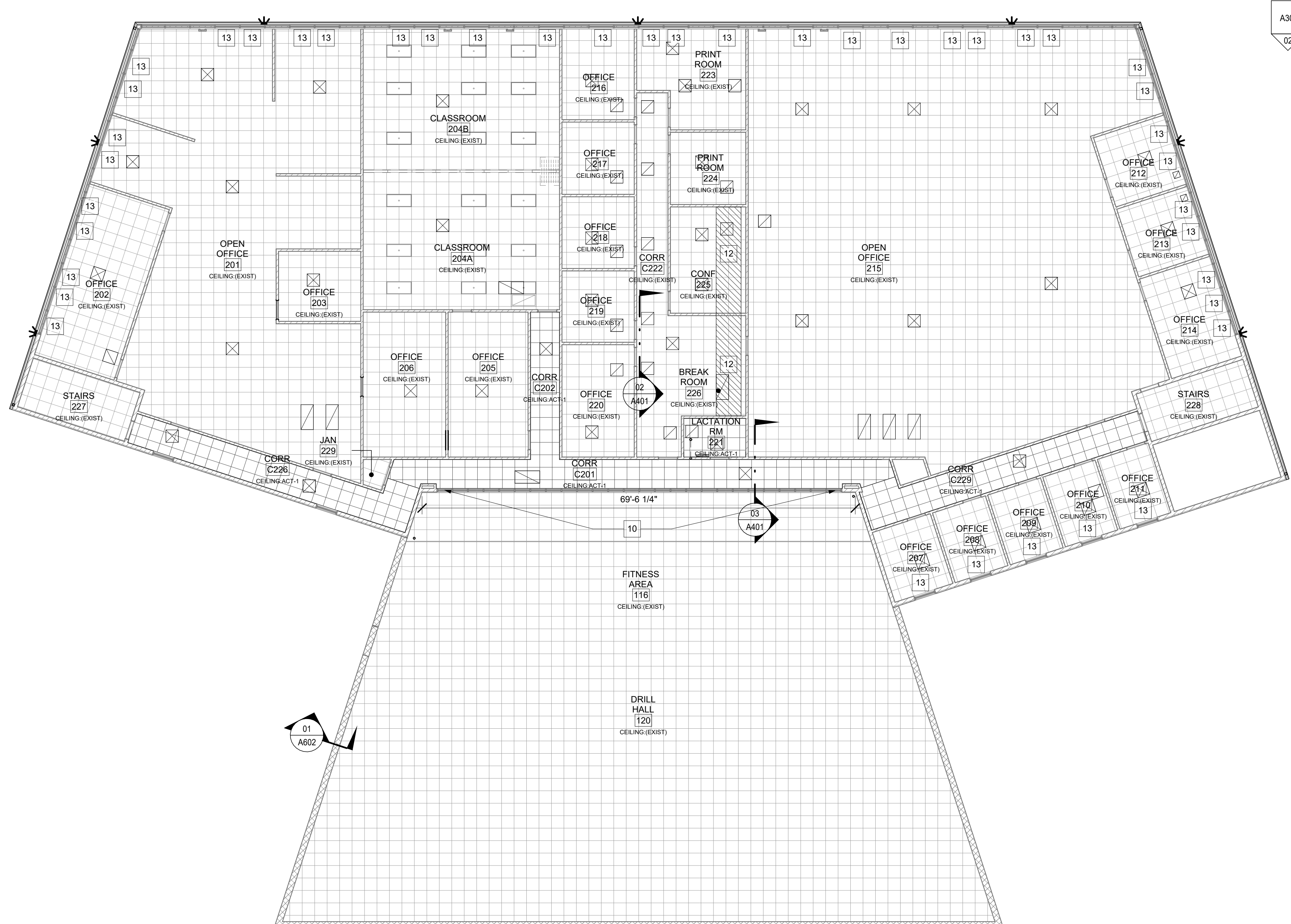
- FOR SPECIFICATION OF LIGHT FIXTURES AND MECHANICAL SYSTEM COMPONENTS, REFER TO MEP
- CEILING LEGEND IS SYMBOLIC TO ACTUAL FIXTURE - REFER TO MEP FIXTURE SCHEDULES
- ALL CEILING HEIGHTS ARE 9'-0" UNLESS NOTED OTHERWISE.
- FOR LOCATIONS OF LIGHT FIXTURES - REFER MEP
- SHIFT CEILING TILE TO AVOID SLIVERS AT WALLS - IF THIS REQUIRES A SIGNIFICANT SHIFT INFORM ARCHITECT AND MEP FOR DIRECTION
- IT IS ESTIMATED THAT MEP WORK ABOVE THE ACOUSTIC LAY-IN CEILING CAN OCCUR WITHOUT DEMOLITION OF CEILING GRID - REFER TO MEP

LEGEND - REFLECTED CEILING

- 2' X 2' LAY-IN ACOUSTICAL CEILING PANEL & GRID SYSTEM
- GWB CEILING
- 2 X 2 LIGHT FIXTURE - REF MEP
- 2 X 4 LIGHT FIXTURE - REF MEP
- CAN LIGHT FIXTURE - REF MEP
- PENDANT LIGHT FIXTURE - REF MEP
- WALL MOUNTED FIXTURE - REF MEP
- SUPPLY AIR DIFFUSER - REF MEP
- RETURN AIR GRILLE
- ABOVE CEILING SOUND MASKING SYSTEM EXTENTS
- SPRINKLER HEAD - REF MEP
- SPEAKER ROUGH-IN LOCATION - REF MEP
- CUBICLE CURTAIN TRACK
- CEILING ELEVATION LEVEL
- TUBULAR SKYLIGHT LENS
- EXIT LIGHT - REF MEP

KEYNOTES - NEW WORK REFLECTED CEILING PLAN

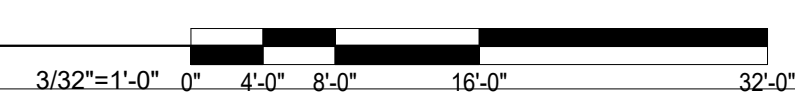
- 10 ENCLOSE ~12" TALL OPEN WALL FRAMING ABOVE CEILING WITH NEW GWB AND TAPE
- 11 ADD ALT NO.3: INSTALL NEW HEADER TRACK AND GWB, AND TAPE / MUD / PAINT RESULTING HEADER
- 12 REINSTALL CEILING GRID AND TILE AFTER ABOVE CEILING HVAC WORK HAS BEEN COMPLETED
- 13 NEW 1" METAL MINI BLINDS AT WINDOW



02 SECOND FLOOR NEW WORK RCP (ALT NO.3)
A301 A204 3/32" = 1'-0"

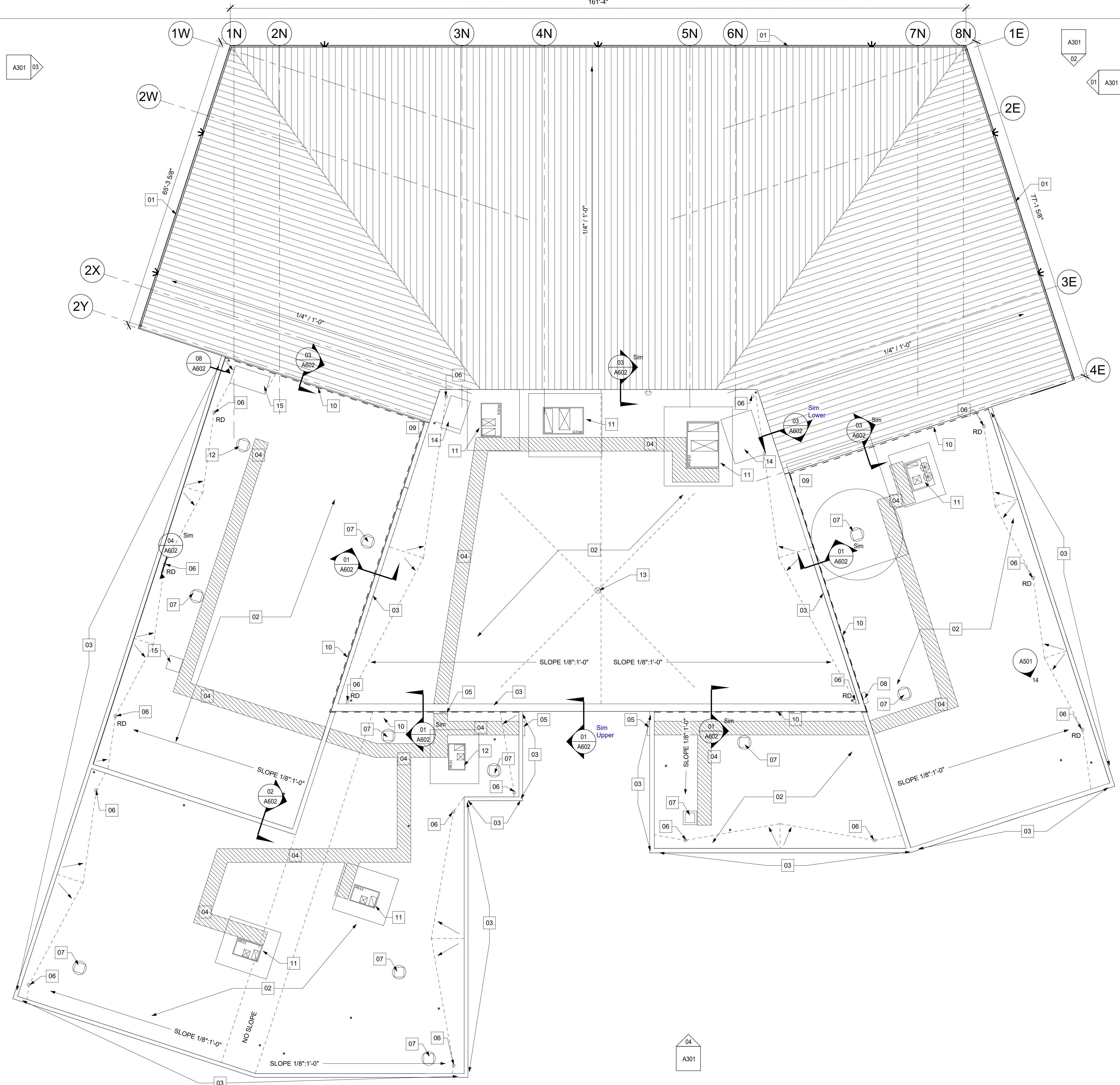
04
A301

01 LEVEL 02 - REFLECTED CEILING PLAN
A301 A204 3/32" = 1'-0"



161'-4"

A301 03



NEW WORK ROOF GENERAL NOTES

1. FIELD VERIFY ALL DIMENSIONS. IF DIMENSIONS VARY SIGNIFICANTLY NOTIFY THE ARCHITECT
2. ALL DIMENSIONS TO FACE OF CMU OR STEEL STUD OR EXISTING FINISH UNLESS NOTED OTHERWISE
2. REPLACE ALL FLASHING AND CAULKING AT ALL MEMBRANE ROOF PENETRATIONS
2. NEW EPDM MEMBRANE SHALL BE FULLY ADHERED TO NEW COVERBOARD

KEYNOTES - ROOF PLAN

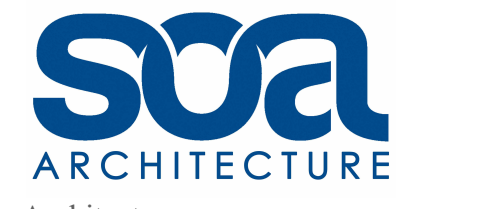
- 01 PRE-FINISHED SQUARE METAL GUTTER - 6"x6"
- 02 FULLY ADHERED EPDM MEMBRANE ROOF ON MECHANICALLY FASTENED 1/2" COVER BOARD OVER EXISTING RIGID INSULATION
- 03 PRE-FINISHED METAL GRAVEL STOP AND CLEAT INSTALLED OVER NEW EPDM MEMBRANE AND EXISTING STONE COPING
- 04 WALKING PAD
- 05 LADDER RECEIVER
- 06 ROOF DRAIN BASKET INSTALLED OVER EXISTING DRAIN BODY - CONFIRM NEW BASKET IS COMPATIBLE WITH EXISTING DRAIN BODY
- 07 NEW ROOFING MEMBRANE AND TERM BAR TURNED UP EXISTING HVAC ROOF EQUIPMENT CURB TO REMAIN - LOCATE TERM BAR AT ELEVATION EQUAL OR HIGHER THAN ORIGINAL TERM BAR. TEMPORARILY LIFT METAL COUNTERFLASHING TO INSTALL NEW TERM BAR
- 08 WALL MOUNT ELECTRICAL PANEL AND ASSOCIATED CONDUIT ON ROOF TO REMAIN
- 09 REINSTALL EXISTING PRE-CAST CONCRETE SPLASHBLOCK AT CONCLUSION OF NEW ROOF MEMBRANE WORK
- 10 TERM BAR AND EPDM FLASHING TURNED UP MASONRY WALL ABOVE ROOF. LOCATE TERM BAR AT ELEVATION EQUAL OR HIGHER THAN ORIGINAL TERM BAR. TEMPORARILY LIFT METAL COUNTERFLASHING TO INSTALL NEW TERM BAR
- 11 NEW RTU INSULATED ROOF CURB - ROOFING MEMBRANE AND TERM BAR TURNED UP UNDER METAL COUNTERFLASHING
- 12 HVAC ROOF EQUIPMENT CURB TO REMAIN - REFER TO MEP DRAWINGS FOR ANY NECESSARY PREPARATION FOR NEW ROOF TOP UNITS
- 13 ROOF ANTENNA AND GUY WIRES - TEMPORARILY REMOVE AS NECESSARY FOR RE-ROOFING AND REINSTALL FLASH AROUND GUY WIRE PITCH POCKETS AND COORDINATE WITH OWNER'S REPRESENTATIVE TO VERIFY ANTENNA RECEPTION AFTER REINSTALL. PROVIDE 1-WEEK NOTICE TO FACILITY PERSONNEL IN ADVANCE OF REMOVAL.
- 14 FORMER HVAC ROOF CURB LOCATION - INFILL CONSTRUCTION WITH STRUCTURAL STEEL ROOF DECK (REFER STRUCTURAL), RIGID ROOF INSULATION TO MATCH THICKNESSES OF EXISTING ADJACENT ROOF INSULATION, AND (2) LAYERS COVER BOARD TO BE FLUSH WITH ADJACENT ROOF SYSTEM COMPONENTS TO REMAIN.
- 15 HVAC ROOF EQUIPMENT CURB TO REMAIN - REFER TO A601 FOR DETAILS TO CAP AND ROOF OVER EXISTING CURB

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



Nicholas Bryon Borgmeyer - Architect
License No. A-2025015734

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squaredeng.com

**OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION**

**DEPARTMENT OF MISSOURI
NATIONAL GUARD**

**JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR**

**801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI**

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE:T2505-01_A205.dwg
DRAWN BY: BW
CHECKED BY: NB
DESIGNED BY: AR

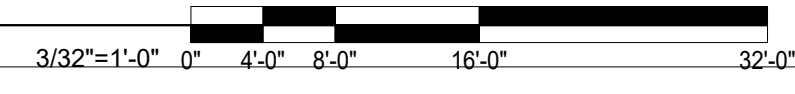
SHEET TITLE:
ROOF PLAN

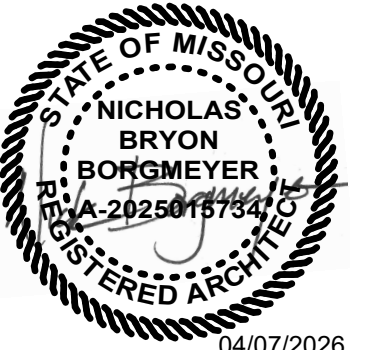
SHEET NUMBER:

A205

22 of 53 SHEETS
APRIL 7, 2026

01 ROOF PLAN
A205 3/32" = 1'-0"





04/07/2026
Nicholas Bryon Borgmeyer - Architect
License No. A-2025015734

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407

www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squaredeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

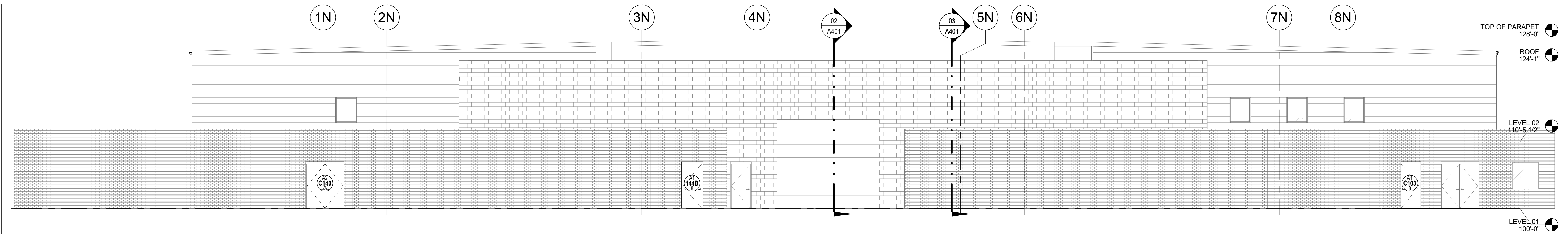
CAD DWG FILE:T2505-01_A301.dwg
DRAWN BY: BW
CHECKED BY: NB
DESIGNED BY: AR

SHEET TITLE:
BUILDING ELEVATIONS

SHEET NUMBER:

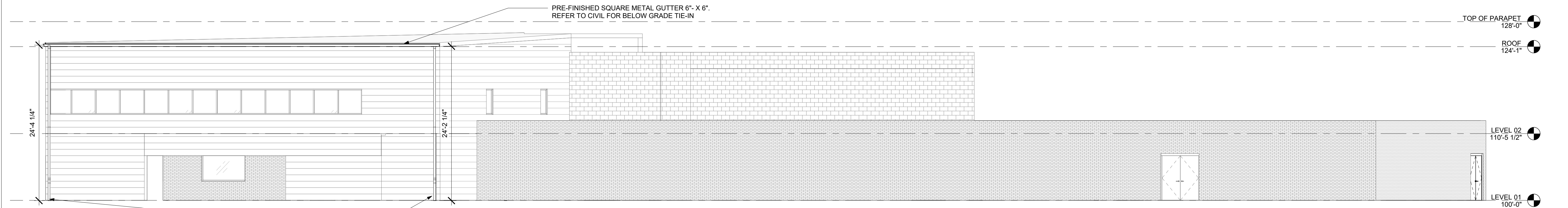
A301

APRIL 7, 2026



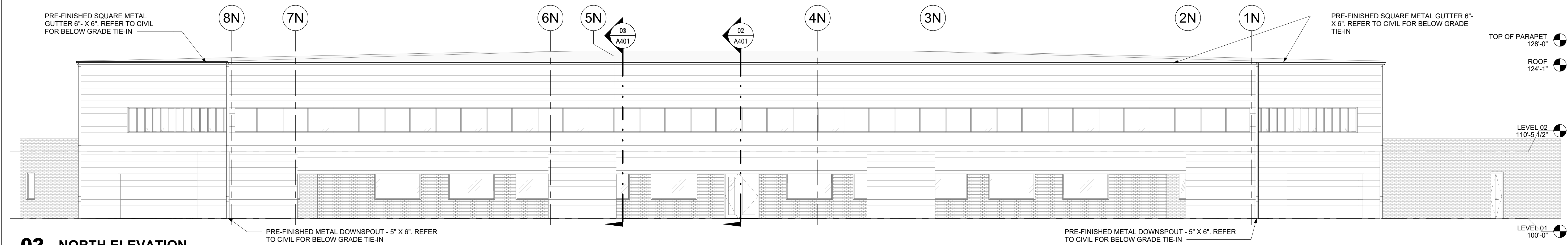
04 SOUTH ELEVATION

A301 1/8" = 1'-0"



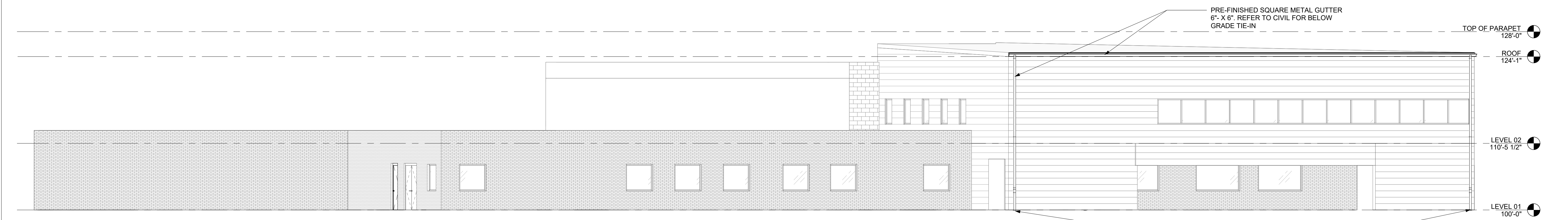
03 WEST ELEVATION

A301 1/8" = 1'-0"



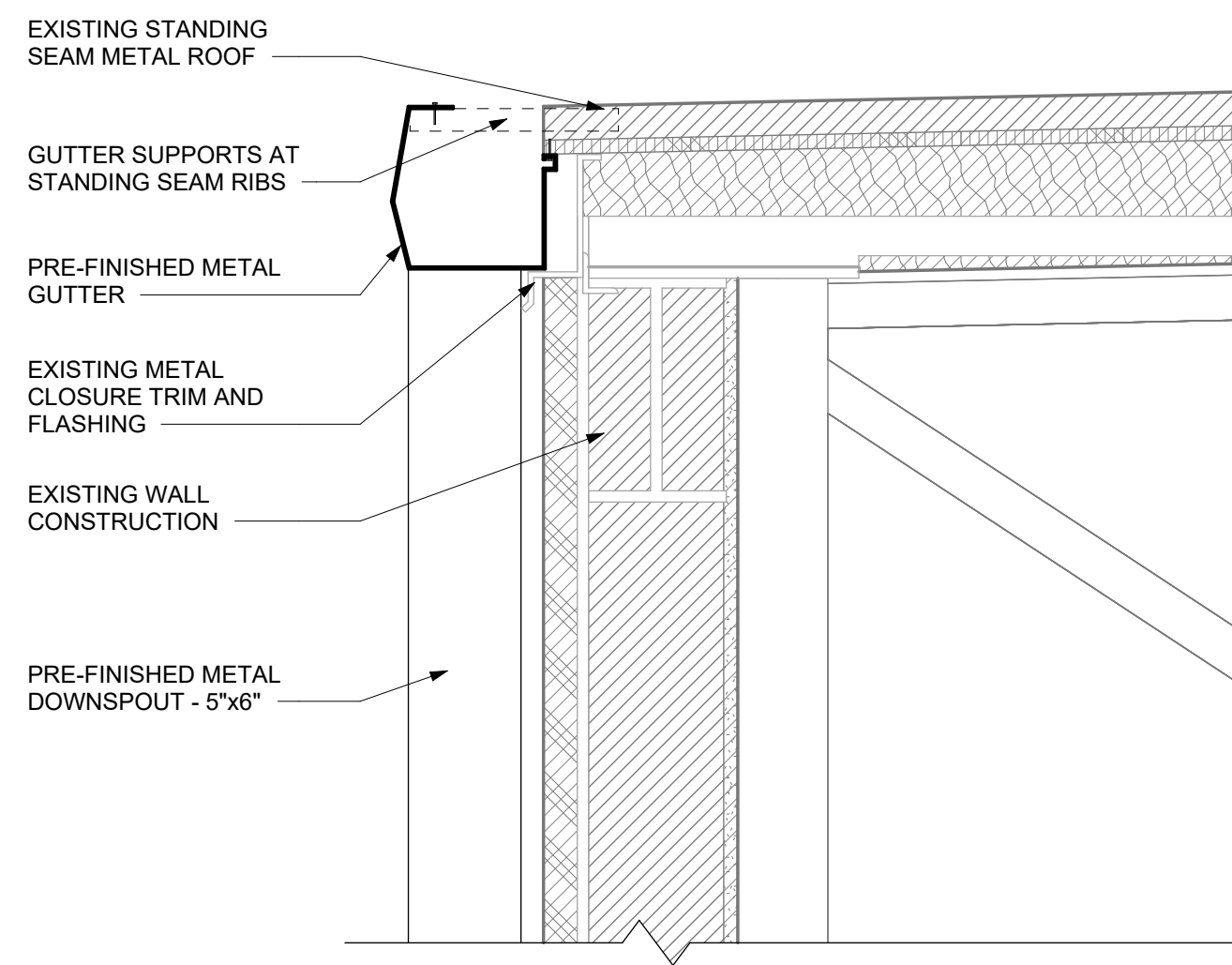
02 NORTH ELEVATION

A301 1/8" = 1'-0"



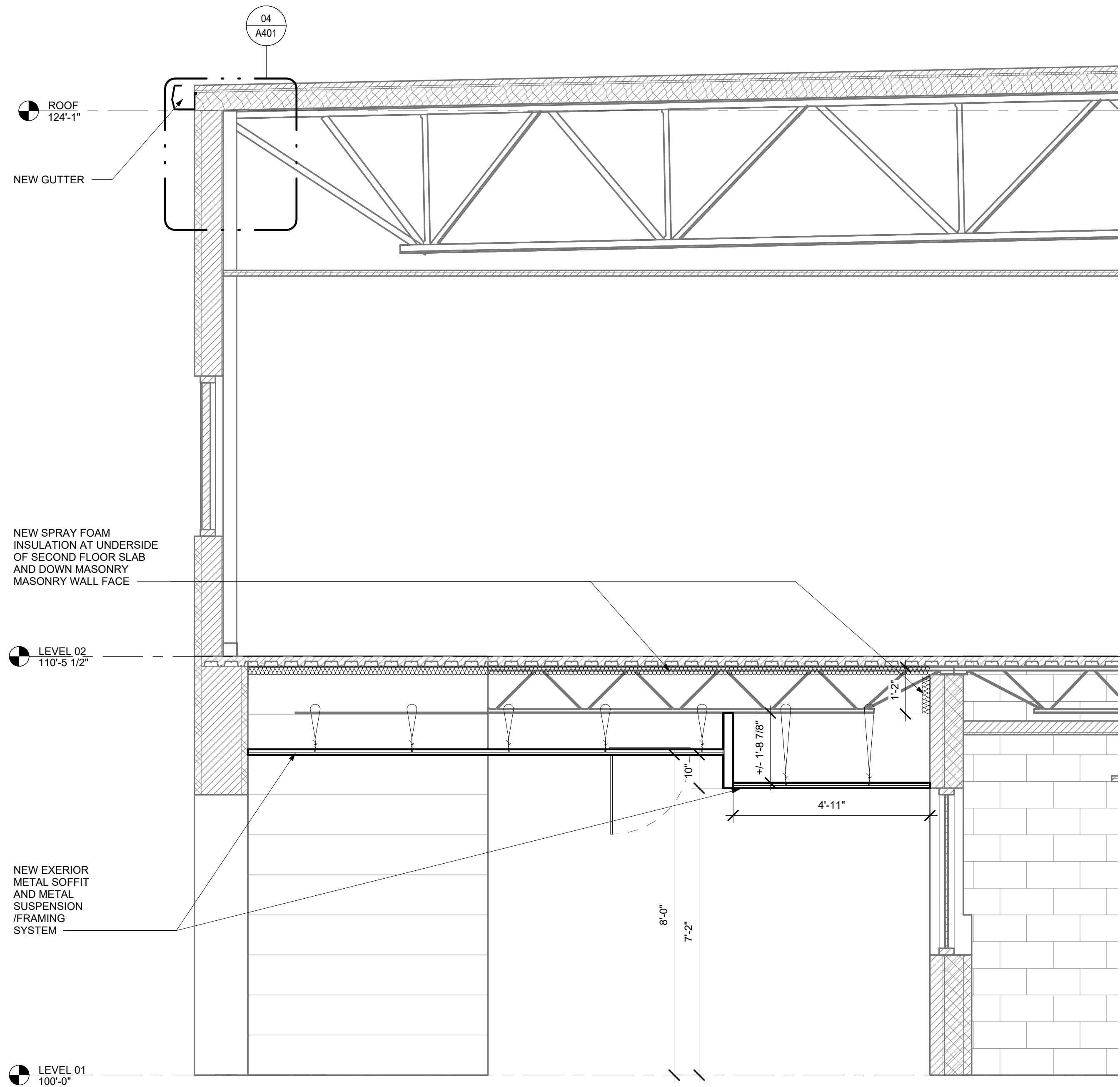
01 EAST ELEVATION

A301 1/8" = 1'-0"



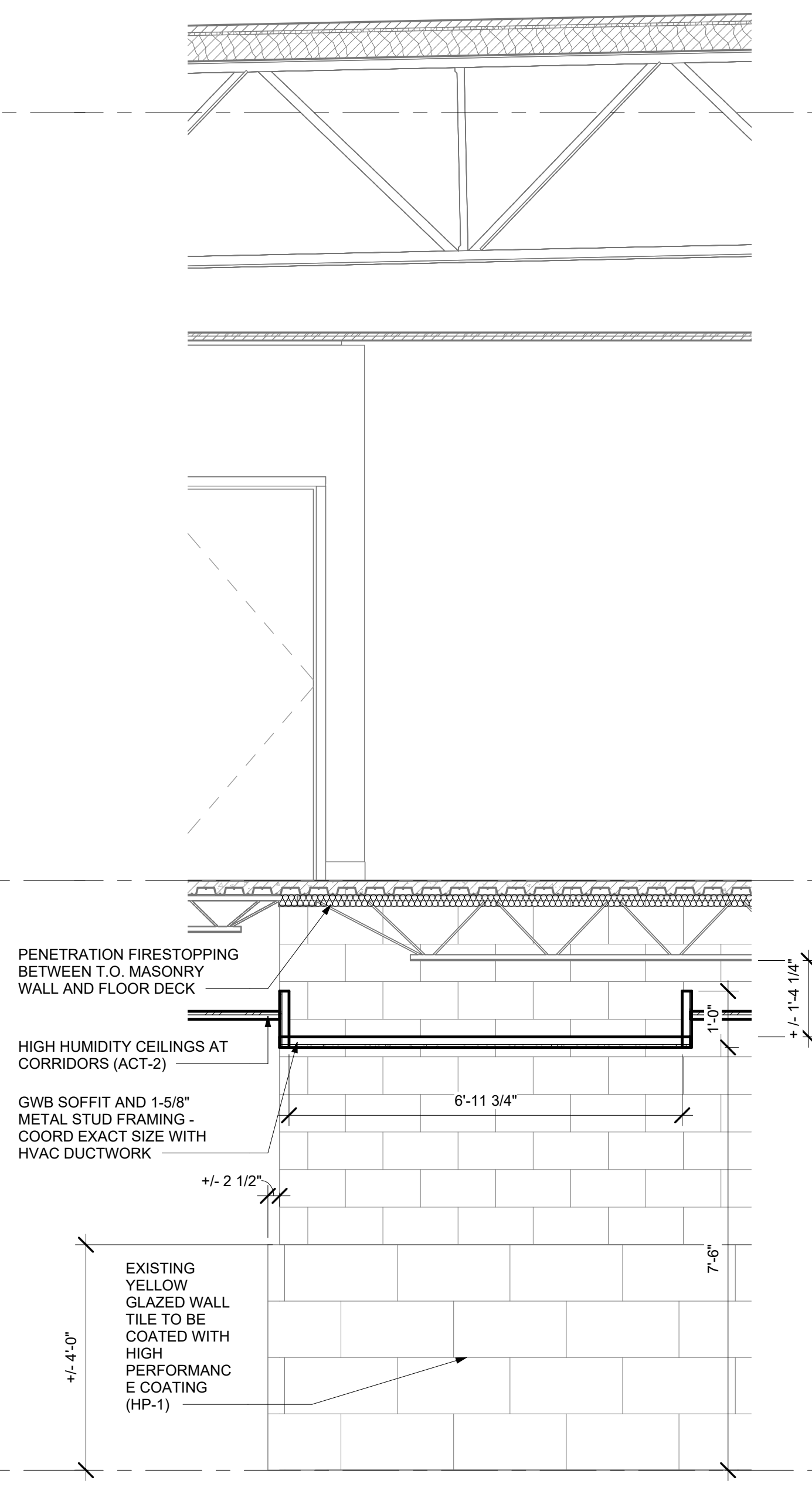
04 TYP. GUTTER DETAIL

A401 1 1/2" = 1'-0" 1 1/2"=1'-0" 0' 3' 6' 1'-0" 2'-0"



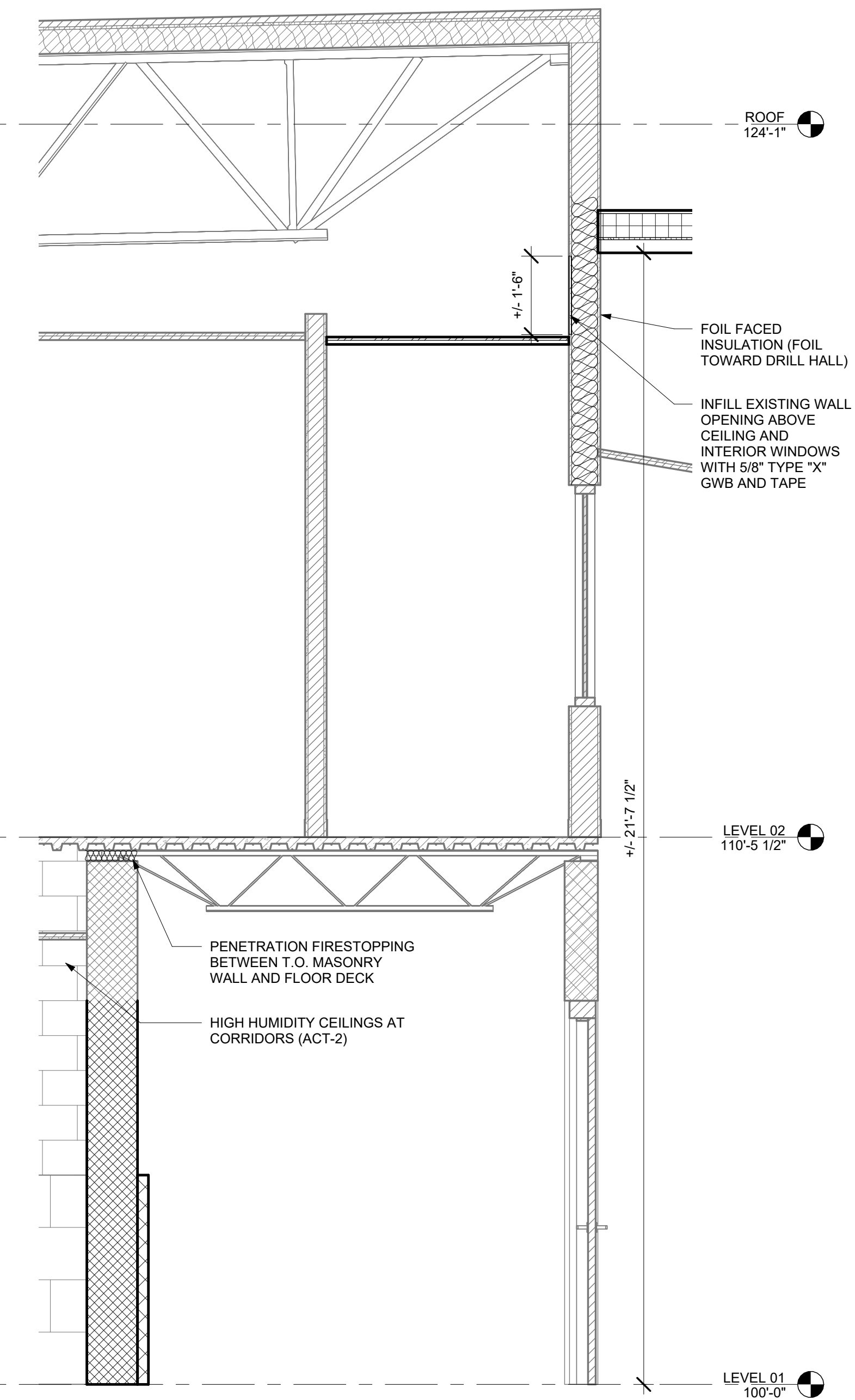
01 N/S SECT @ OVERHANG

A401 1/2" = 1'-0" 1/2"=1'-0" 0' 1'-0" 2'-0" 4'-0" 6'-0"



02 N/S SECT @ CORRIDOR

A401 1/2" = 1'-0" 1/2"=1'-0" 0' 1'-0" 2'-0" 4'-0" 6'-0"



03 N/S SECT @ DRILL HALL

A401 1/2" = 1'-0" 1/2"=1'-0" 0' 1'-0" 2'-0" 4'-0" 6'-0"

NEW WORK GENERAL NOTES

1. FIELD VERIFY ALL DIMENSIONS. IF DIMENSIONS VARY SIGNIFICANTLY NOTIFY THE ARCHITECT
2. ALL DIMENSIONS TO CENTERLINE OF COLUMN, FACE OF STEEL STUD, OR MASONRY UNLESS NOTED OTHERWISE
3. ALL NON STRUCTURAL METAL FRAMING (NSMF) 16" ON CENTER UNLESS NOTED OTHERWISE
4. GRAY WALLS & DOORS ARE EXISTING TO REMAIN - PROTECT DURING CONSTRUCTION
5. DASHED GRAY COMPONENTS ARE NOT IN CONTRACT
6. REFER TO SHEET A001 FOR PARTITION TYPES.
7. PAINT EXISTING DOOR FRAMES AND DOOR PANELS WHERE "PT" IS LOCATED IN PLAN BY THE DOOR
8. CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING WITH MORTAR ALL HOLES IN CMU WALLS PRIOR TO PAINTING



Nicholas Bryon Borgmeyer - Architect
License No. A-2025015734

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407

www.soa-inc.com

Simon Oswald Associates, Inc.

Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squaredeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE:T2505-01_A401.dwg
DRAWN BY: BW
CHECKED BY: NB
DESIGNED BY: AR

SHEET TITLE:
BUILDING SECTIONS

SHEET NUMBER:

A401

24 of 53 SHEETS
APRIL 7, 2026



04/07/2026
Nicholas Bryon Borgmeyer - Architect
License No. A-2025015734

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squaredeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

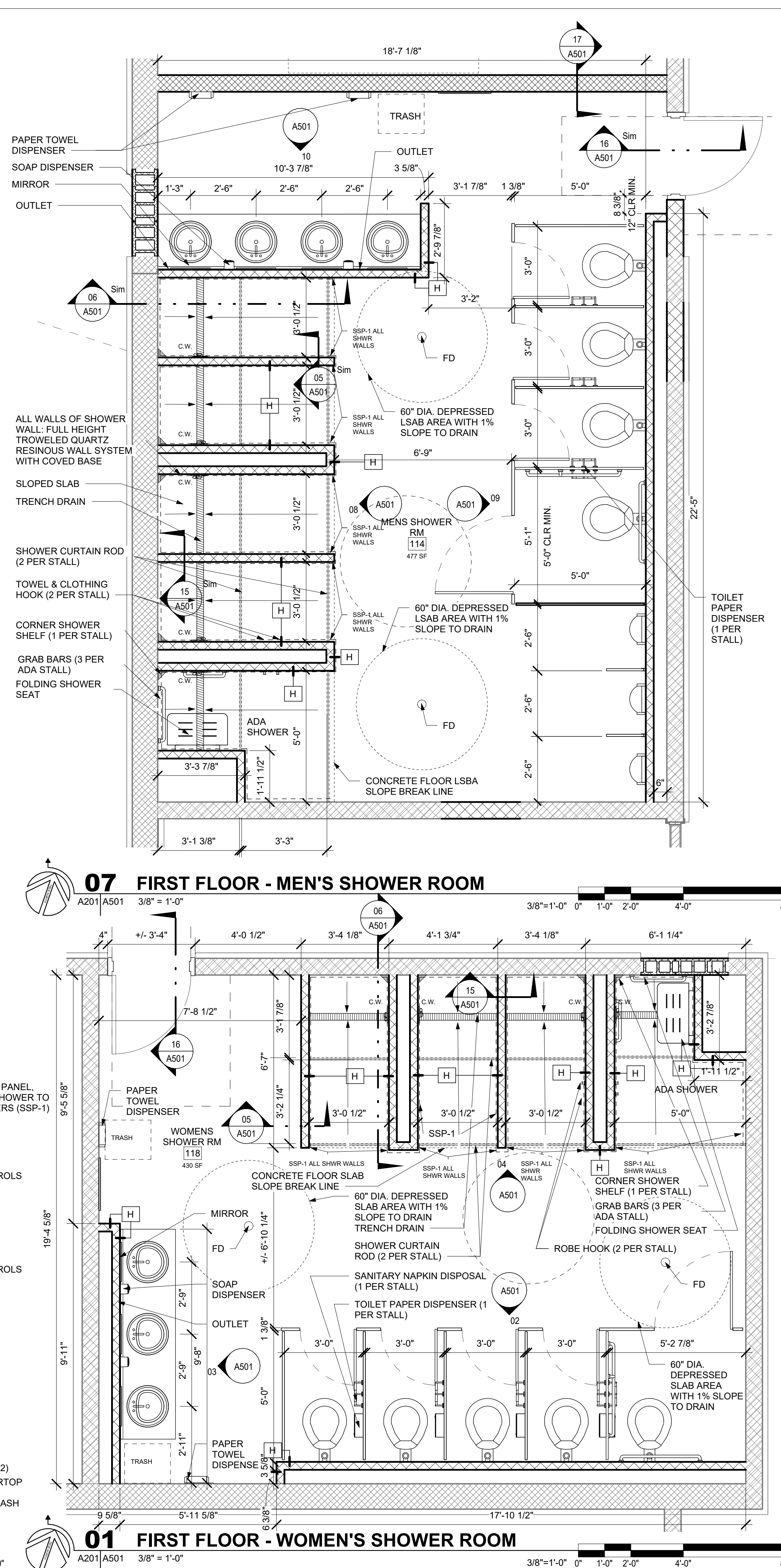
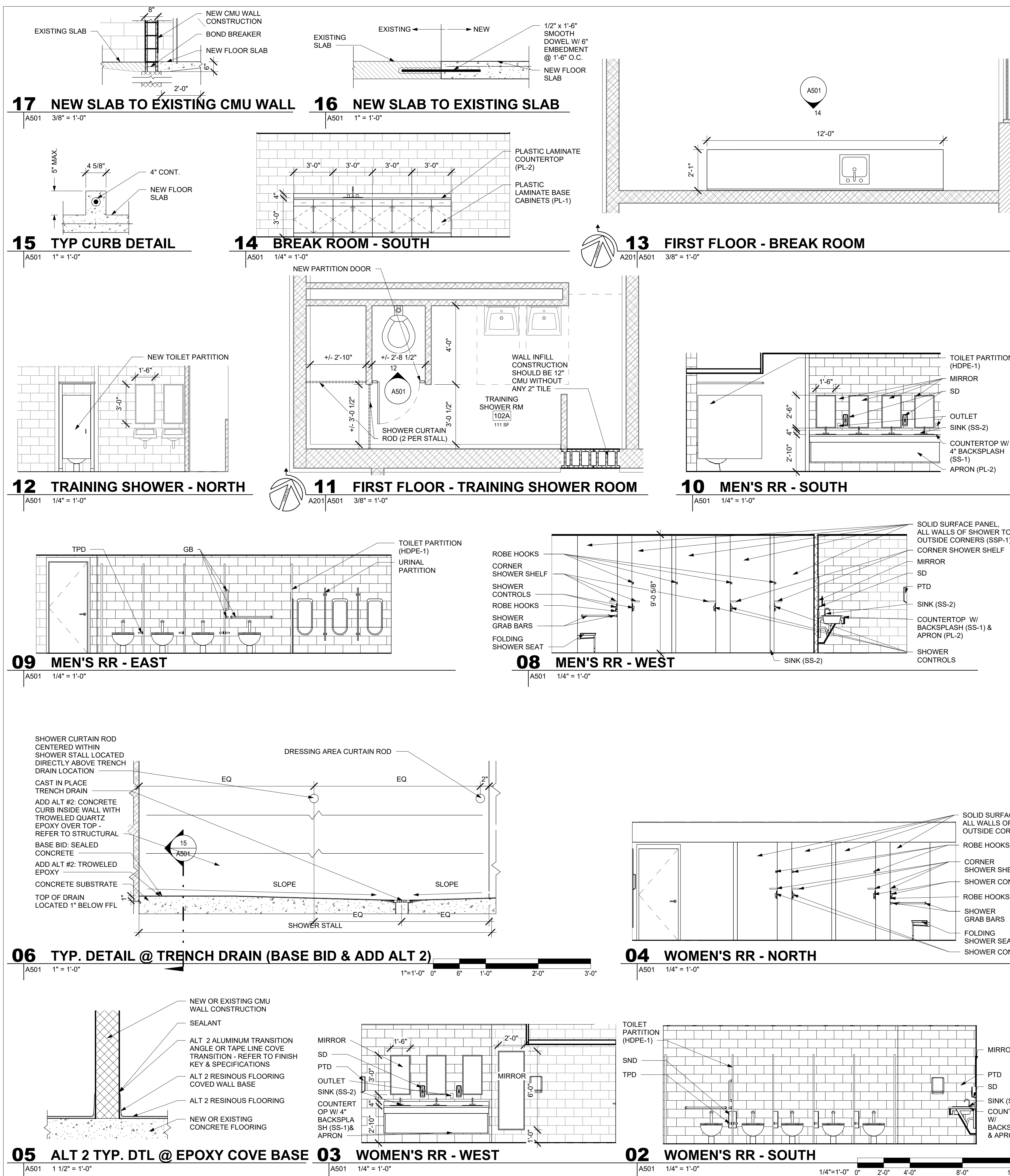
CAD DWG FILE: T2505-01_A501.dwg
DRAWN BY: BW
CHECKED BY: NB
DESIGNED BY: AR

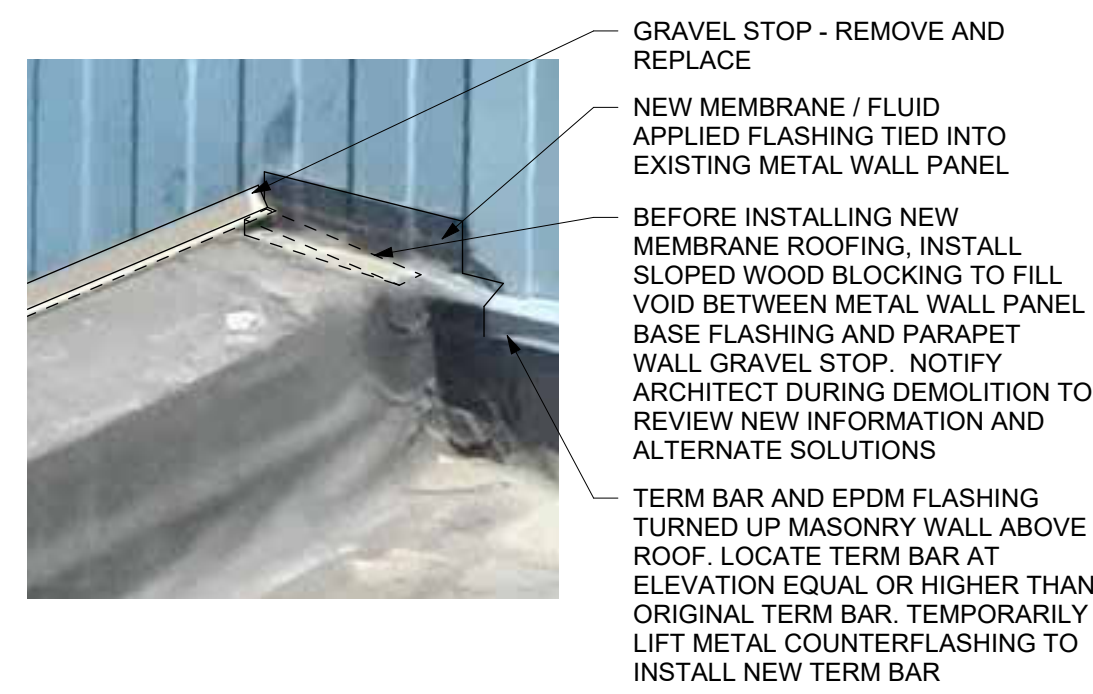
SHEET TITLE:
**ENLARGED RESTROOM
PLANS & INTERIOR
ELEVATIONS AND ADD
ALT NO. 2**

SHEET NUMBER:

A501

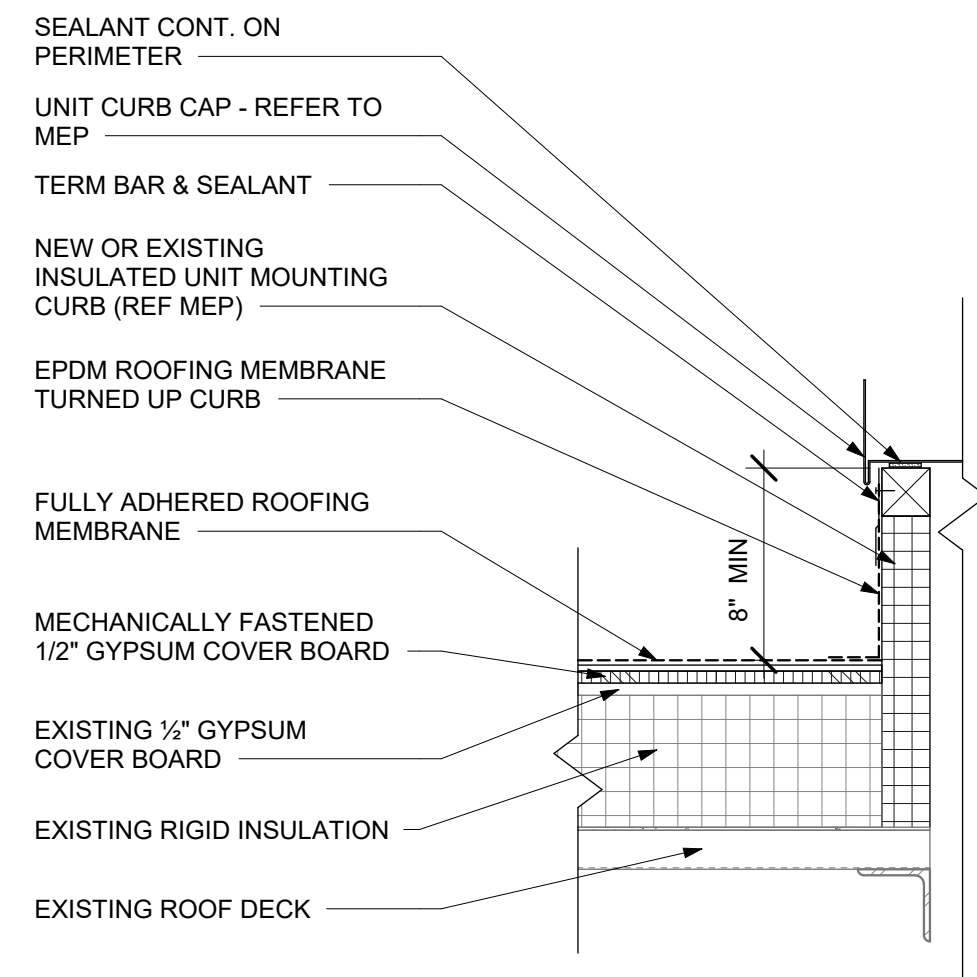
25 of 53 SHEETS
APRIL 7, 2026





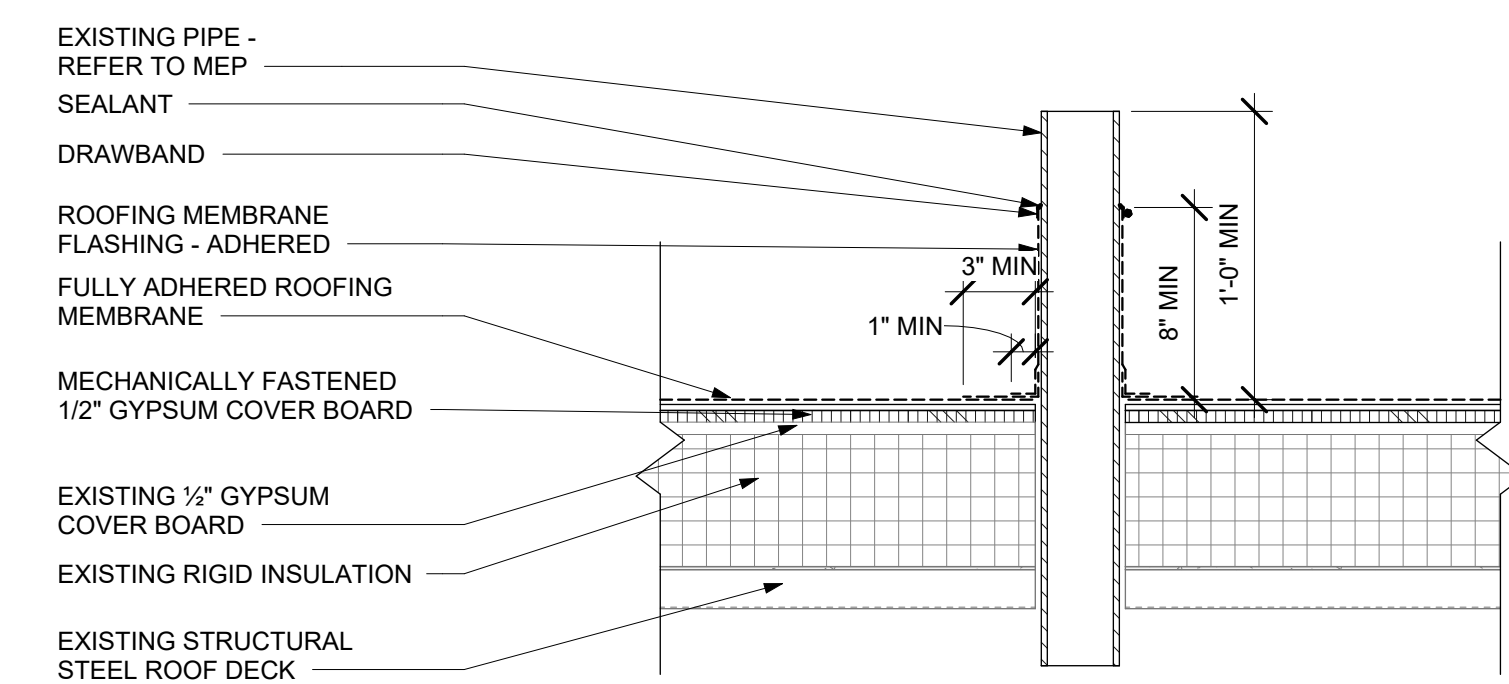
08 TYP. TAPERED ROOF INSULATION DETAIL

A602 1 1/2" = 1'-0"



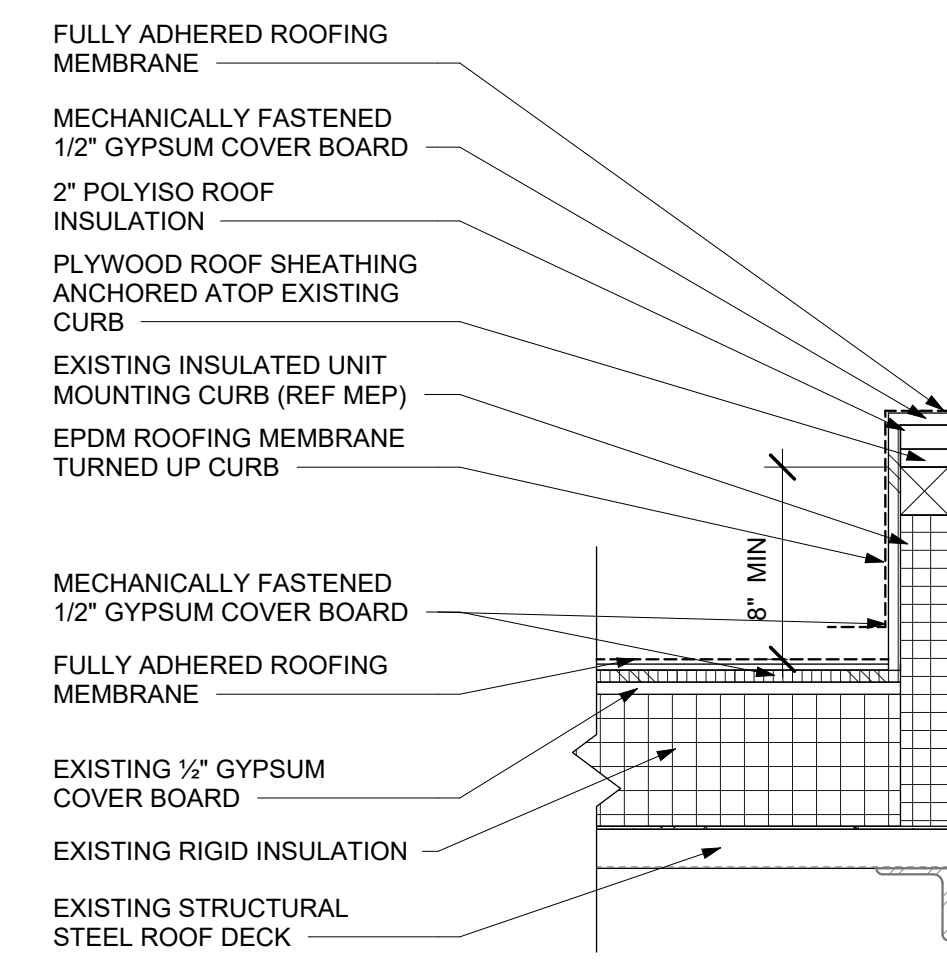
07 TYP. ROOF CURB DETAIL

A602 1 1/2" = 1'-0"



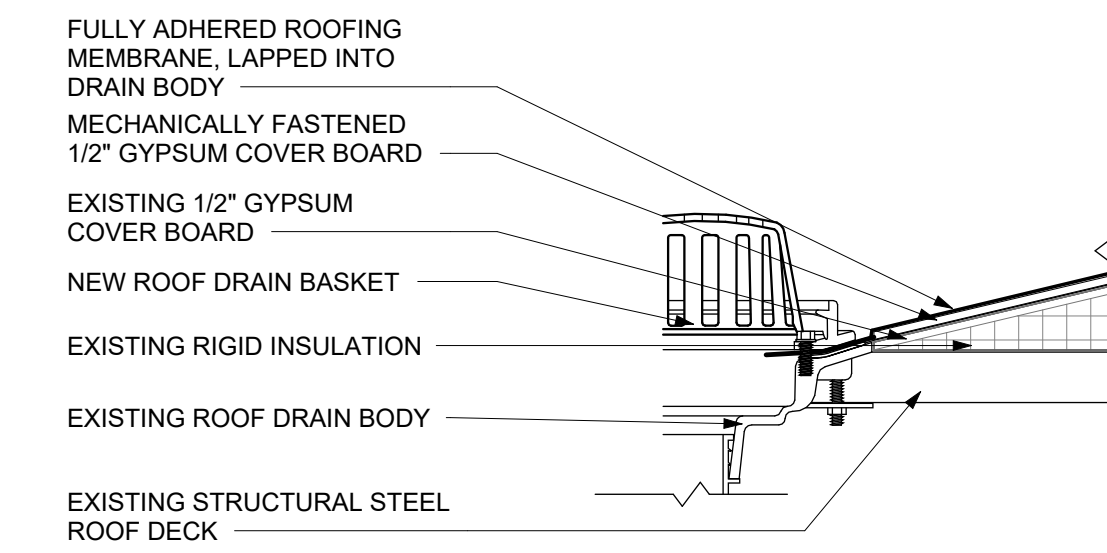
05 TYP. ROOF PENETRATION DETAIL

A602 1 1/2" = 1'-0"



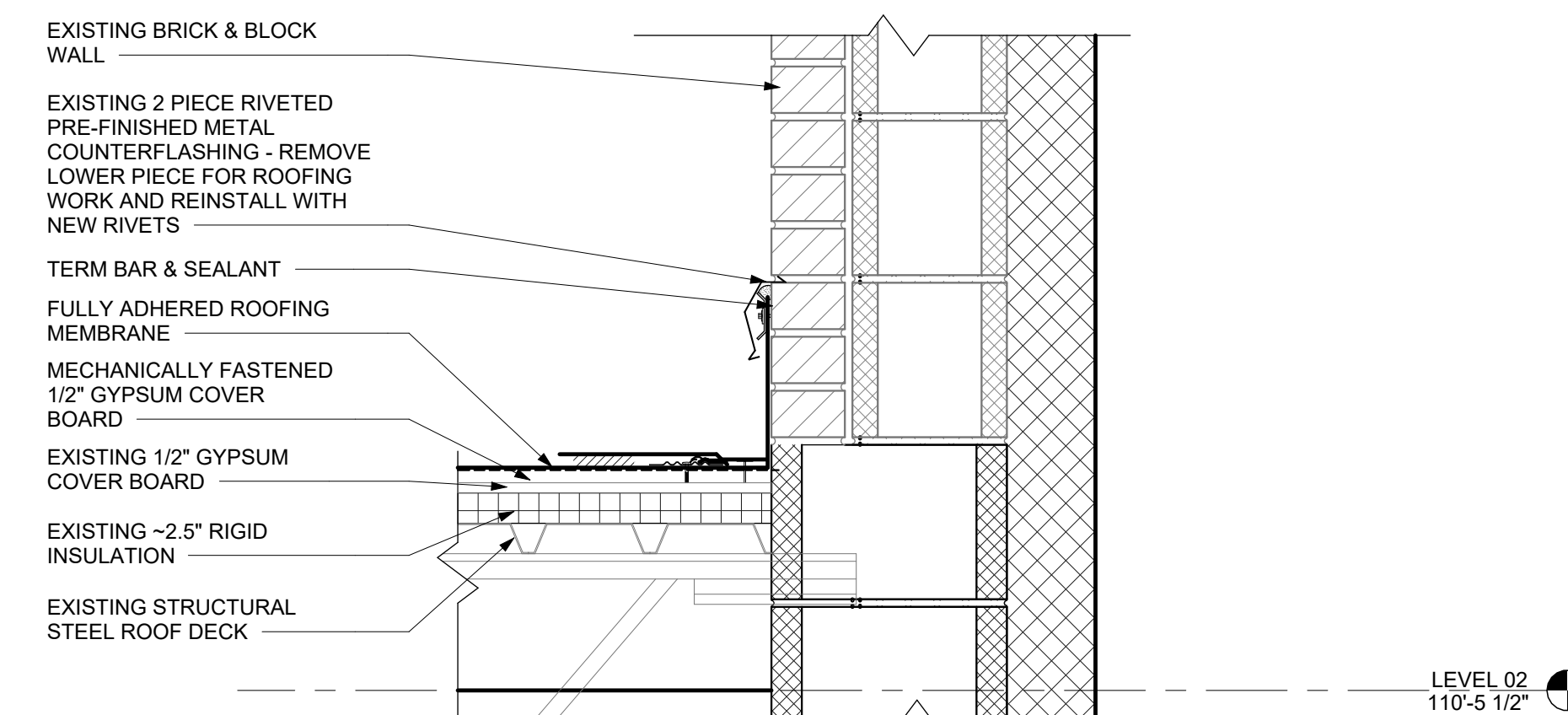
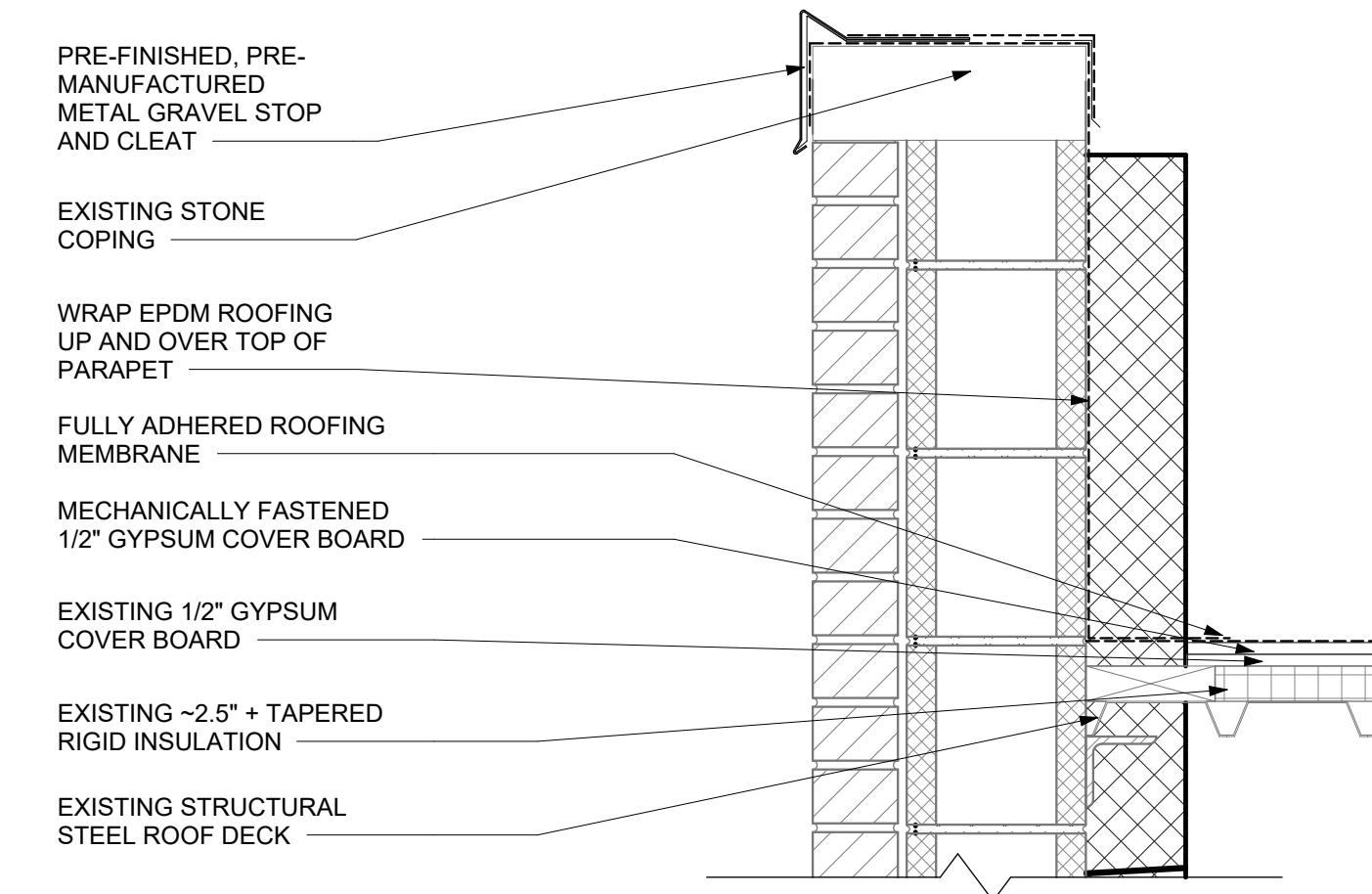
06 TYP. CAPPED ROOF CURB DETAIL

A602 1 1/2" = 1'-0"



04 TYP. ROOF

A602 3" = 1'-0"



01 DTL SECT - ROOF HEIGHT TRANSITION

A602 1 1/2" = 1'-0"



NEW WORK ROOF GENERAL NOTES

1. FIELD VERIFY ALL DIMENSIONS. IF DIMENSIONS VARY SIGNIFICANTLY NOTIFY THE ARCHITECT
2. ALL DIMENSIONS TO FACE OF CMU OR STEEL STUD OR EXISTING FINISH UNLESS NOTED OTHERWISE
2. REPLACE ALL FLASHING AND CAULKING AT ALL MEMBRANE ROOF PENETRATIONS
2. NEW EPDM MEMBRANE SHALL BE FULLY ADHERED TO NEW COVERBOARD

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



04/07/2026
Nicholas Bryon Borgmeyer - Architect
License No. A-2025015734

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407

www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squaredeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

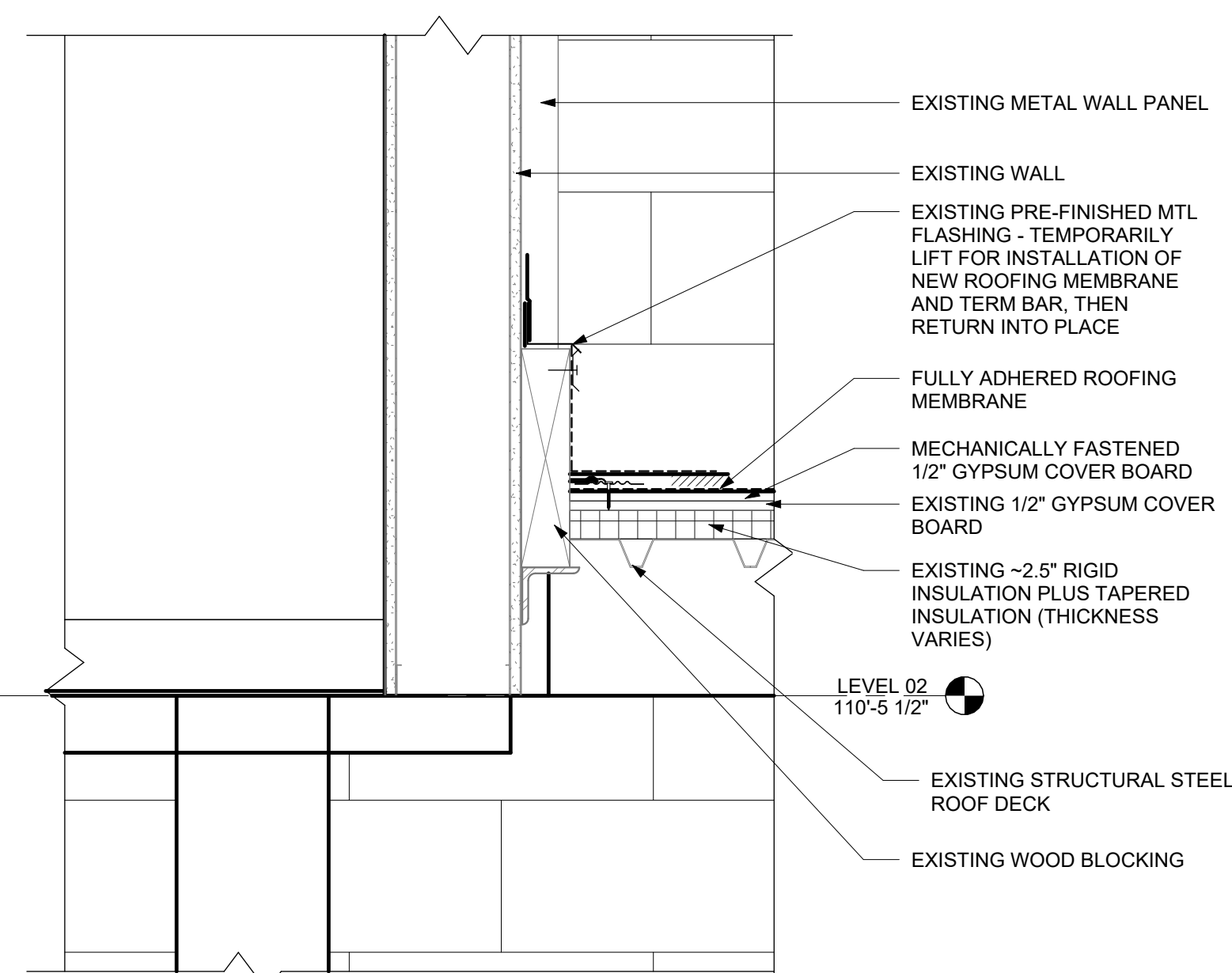
CAD DWG FILE:T2505-01_A602.dwg
DRAWN BY: AR
CHECKED BY: NB
DESIGNED BY: SOA

SHEET TITLE:
ROOF DETAIL & ROOF SECTIONS

SHEET NUMBER:

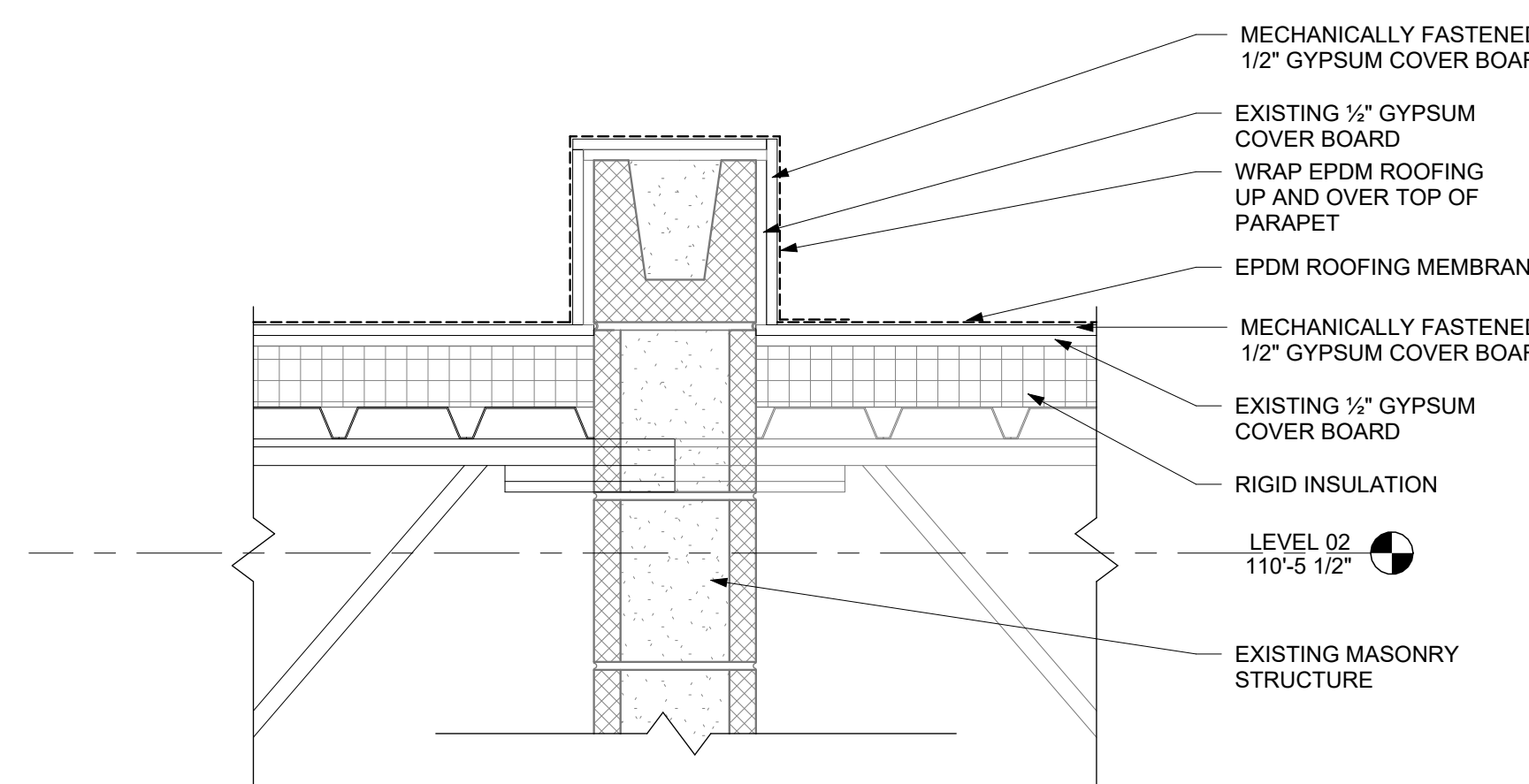
A602

26 of 53 SHEETS
APRIL 7, 2026



03 DTL SECT - ROOF AT EXIST METAL BUILDING

A602 1 1/2" = 1'-0"



02 DTL SECT - PARAPET

A602 1 1/2" = 1'-0"



Nicholas Bryon Borgmeyer - Architect
License No. A-2025015734

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407

www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squaredeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE:T2505-01_A701.dwg
DRAWN BY: Author
CHECKED BY: Checker
DESIGNED BY: Designer

SHEET TITLE:
DOOR & FRAME SCHEDULES

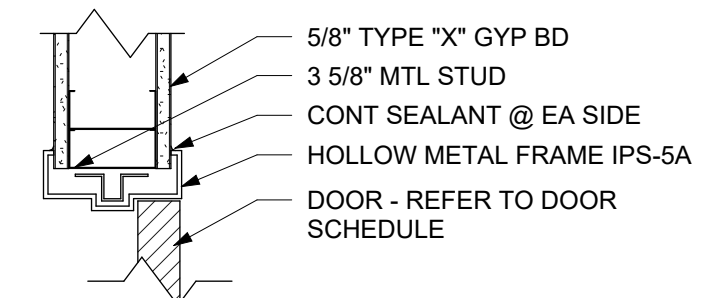
SHEET NUMBER:

A701

27 of 53 SHEETS
APRIL 7, 2026

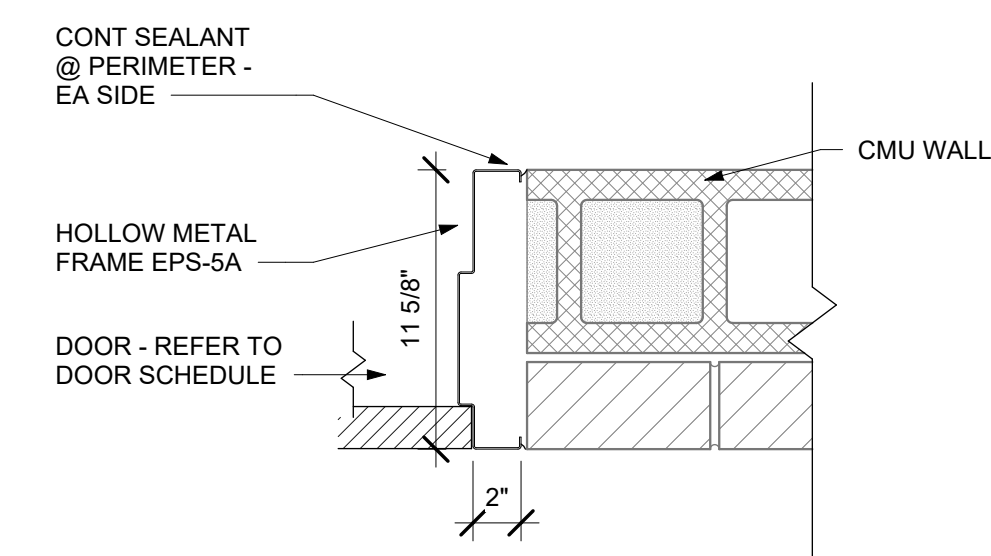
GENERAL NOTES - DOORS

- SEE NEW WORK FLOOR PLAN NOTE "PT" FOR EXISTING DOOR FRAMES TO BE PAINTED.
- SEE NEW WORK REFLECTED CEILING PLAN FOR CEILING ACCESS DOORS IN HARDWARE GROUP 9 TO RECEIVE MORTISE CYLINDER.



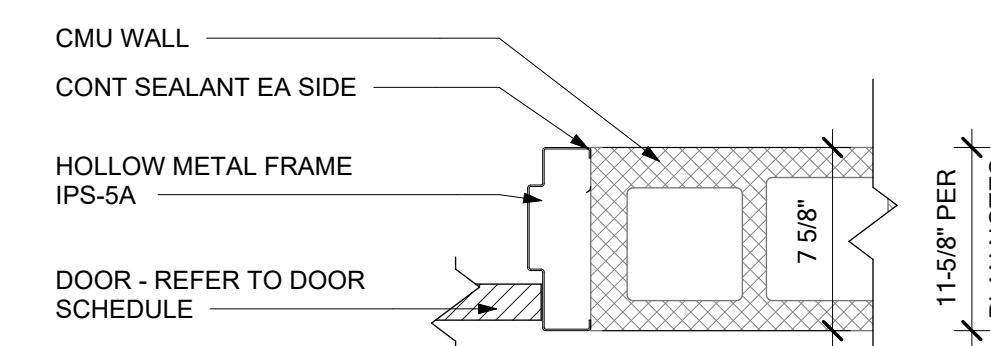
06 INT STUD - DOOR HEAD/JAMB DETAIL, TYP

A701 1 1/2" = 1'-0"



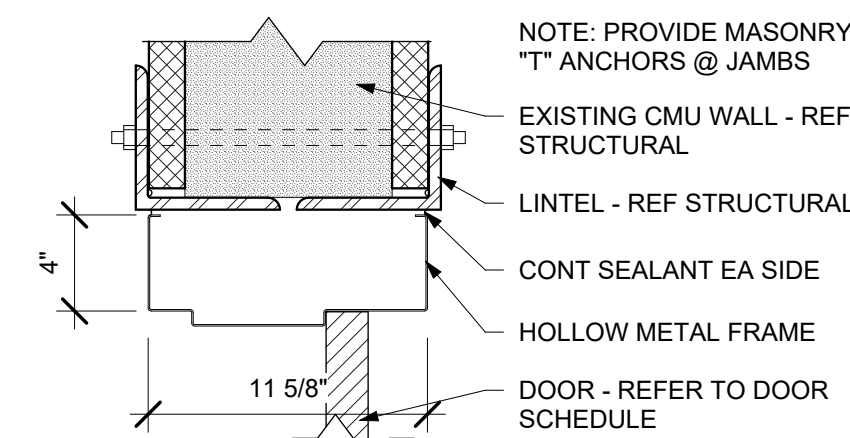
04 EXT CMU - DOOR JAMB DETAIL, TYP

A701 1 1/2" = 1'-0"



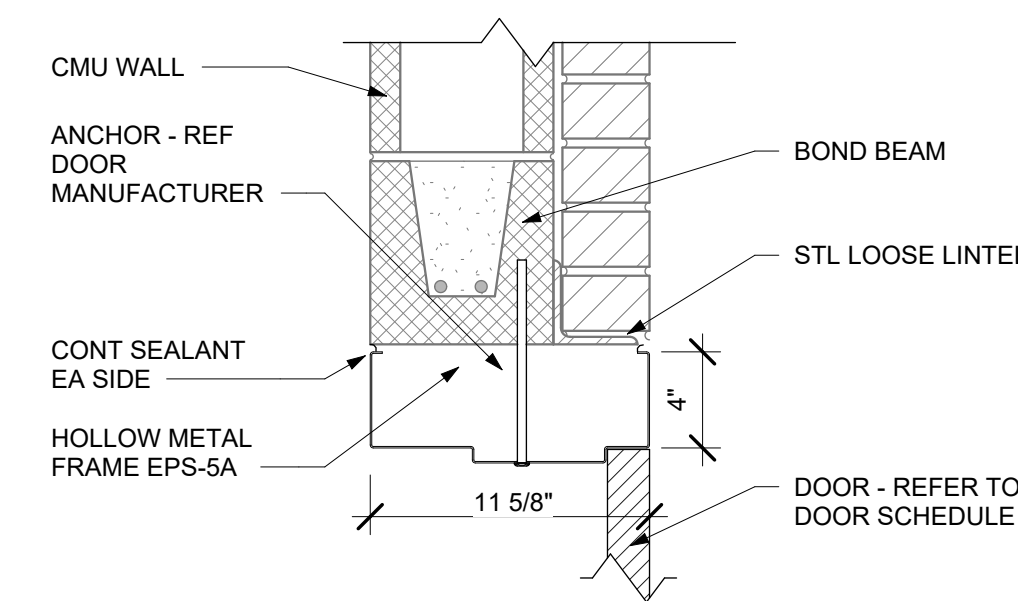
02 INT CMU - DOOR JAMB DETAIL, TYP

A701 1 1/2" = 1'-0"



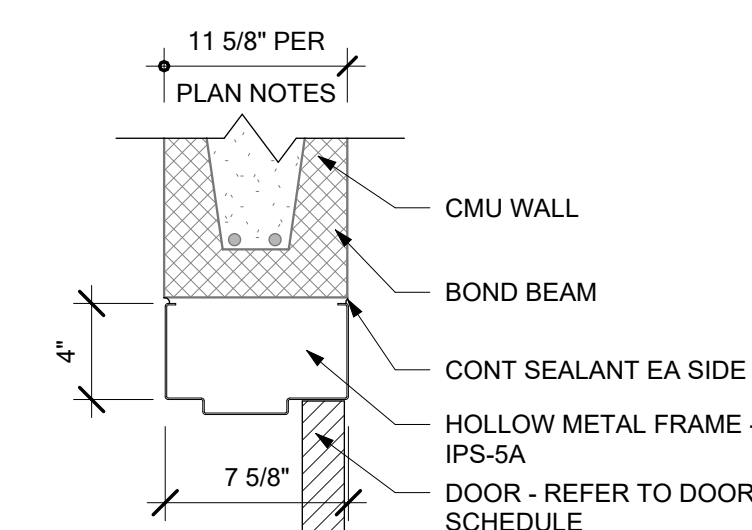
05 INT CMU - DOOR HEAD @ NEW OPENING

A701 1 1/2" = 1'-0"



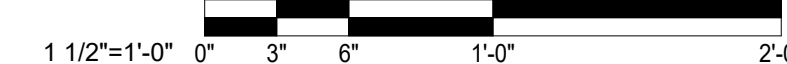
03 EXT CMU - DOOR HEAD

A701 1 1/2" = 1'-0"

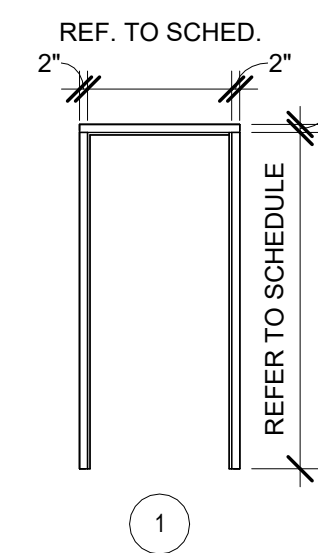


01 INT CMU - DOOR HEAD

A701 1 1/2" = 1'-0"

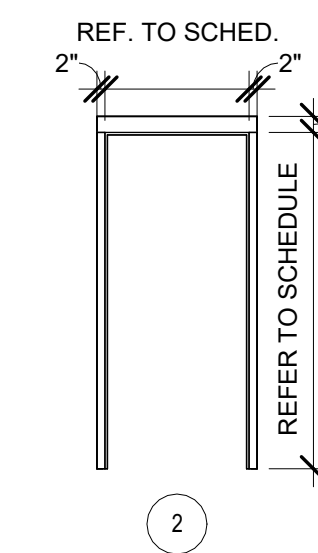


NEW DOOR AND FRAME SCHEDULE														
DOOR NO	DOOR					FRAME					FIRE RATING LABEL	HARDWARE SET NO	NOTES	
	W	H	THK	MATL	ELEV	MATL	ELEV	HEAD	JAMB	SILL				
LEVEL 01														
102	2'-8"	7'-0"	1 3/4"	HM	A1	(EXIST HM)	2	01/A701	02/A702			20 MIN	1	
103B	2'-8"	7'-0"	1 3/4"	HM	A1	(EXIST HM)	2	01/A701	02/A702			20 MIN	1	
103C	3'-0"	7'-0"	1 3/4"	HM	A1	(EXIST HM)	2	01/A701	02/A702			20 MIN	1	
104	3'-0"	7'-0"	1 3/4"	HM	B1	(EXIST HM)	2	01/A701	02/A702			20 MIN	3A	
105	3'-0"	7'-0"	1 3/4"	HM	B1	(EXIST HM)	2	01/A701	02/A702			20 MIN	3A	
106	3'-0"	7'-0"	1 3/4"	HM	A1	HM	2	01/A701	02/A702			20 MIN	3	
107A	3'-0"	7'-0"	1 3/4"	HM	B1	(EXIST HM)	2	01/A701	02/A702			20 MIN	1	
108	3'-0"	7'-0"	1 3/4"	HM	B1	(EXIST HM)	2	01/A701	02/A702			20 MIN	1	
110A	3'-0"	7'-0"	1 3/4"	HM	B1	(EXIST HM)	2	01/A701	02/A702			20 MIN	3A	
111	6'-0"	7'-0"	1 3/4"	ICHM	A2	HM	2	05/A701	02/A702				5	
112	6'-0"	7'-0"	1 3/4"	HM	B2	(EXIST HM)	2	01/A701	02/A702				5	
113A	6'-0"	7'-0"	1 3/4"	HM	A2	HM	1	06/A701	06/A701				6	
114	3'-0"	7'-0"	1 3/4"	HM	A1	HM	2	05/A701	02/A702			20 MIN	7	
115	3'-0"	7'-0"	1 3/4"	HM	B1	(EXIST HM)	2	01/A701	02/A702			20 MIN	3A	
118	3'-0"	7'-0"	1 3/4"	HM	A1	HM	2	05/A701	02/A702			20 MIN	7	
119	3'-0"	7'-0"	1 3/4"	HM	B1	(EXIST HM)	2	01/A701	02/A702			20 MIN	3A	
125A	3'-0"	7'-0"	1 3/4"	HM	B1	(EXIST HM)	2	01/A701	02/A702			20 MIN	3A	
126	3'-0"	7'-0"	1 3/4"	HM	B1	(EXIST HM)	2	01/A701	02/A702			20 MIN	3A	
128B	3'-0"	6'-8"	1 3/4"	HM	A1	HM	1	06/A701	06/A701			20 MIN	4	
144B	3'-0"	7'-0"	1 3/4"	ICHM	A1	HM	2	03/A701	04/A701				8	
149A	3'-0"	7'-0"	2"	HM	A3	(EXIST HM)	2	01/A701	02/A702			20 MIN	4	
150	3'-0"	7'-0"	1 3/4"	HM	A1	(EXIST HM)	2	01/A701	02/A702			20 MIN	1	
C103	3'-0"	7'-0"	1 3/4"	ICHM	A1	HM	2	03/A701	04/A701				8	
C140	6'-0"	7'-0"	1 3/4"	ICHM	A2	HM	2	03/A701	04/A701				2	
LEVEL 02														
203	3'-0"	7'-0"	1 3/4"	HM	A1	HM	1	06/A701	06/A701				3	
206A	3'-0"	7'-0"	1 3/4"	HM	A1	HM	1	06/A701	06/A701				1	



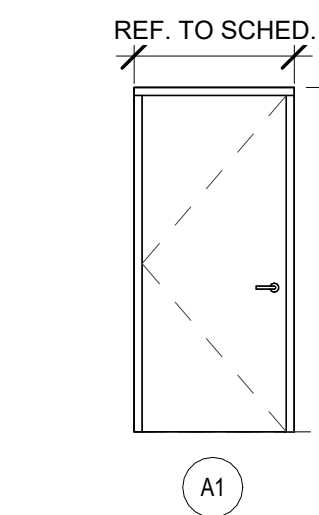
1 HOLLOW METAL FRAME

1/4" = 1'-0"



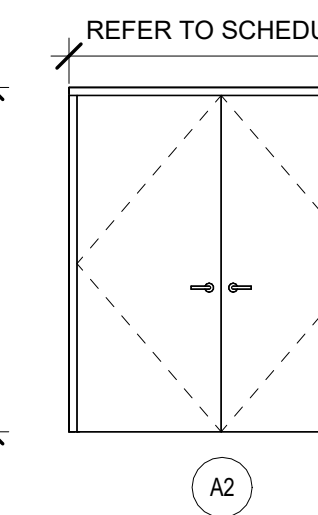
2 HOLLOW METAL @ MASONRY OPENING

1/4" = 1'-0"



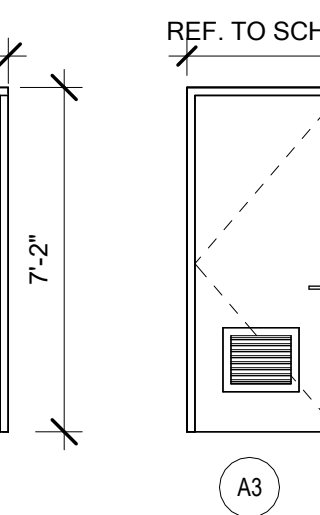
A1 HOLLOW METAL OR SOLID CORE WOOD DOOR

1/4" = 1'-0"



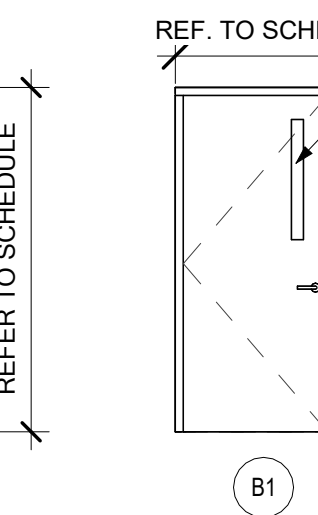
A2 HOLLOW METAL OR SOLID CORE WOOD DOUBLE DOOR

1/4" = 1'-0"



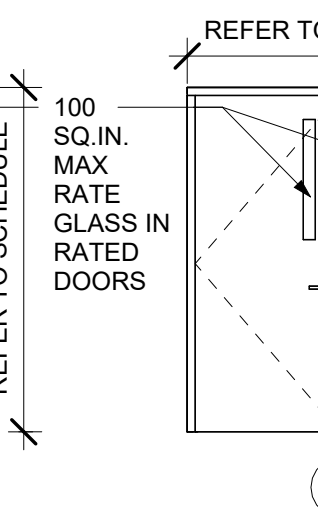
A3 HOLLOW METAL OR SOLID CORE WOOD DOOR W/ LOUVER

1/4" = 1'-0"



B1 SOLID CORE WOOD DOOR W/ LITE (3' X 30" IN RATED DOORS)

1/4" = 1'-0"



B2 SOLID CORE WOOD DOUBLE DOOR W/ LITES (3' X 30" IN RATED DOORS)

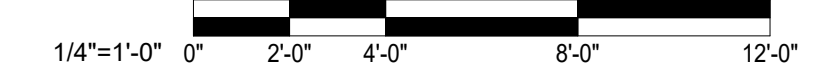
1/4" = 1'-0"

1/4" = 1'-0"

1/4" = 1'-0"

1/4" = 1'-0"

1/4" = 1'-0"





Nicholas Bryon Borgmeyer - Architect
License No. A-2025015734

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squaredeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE: T2505-01_A711.dwg
DRAWN BY: BW
CHECKED BY: NB
DESIGNED BY: AR

SHEET TITLE:
**FIRST FLOOR FINISH
FLOOR PLAN AND ADD
ALT NO. 2 & 4**

SHEET NUMBER:

A711

28 of 53 SHEETS
APRIL 7, 2026

GENERAL FINISH KEY:

FLOORS:
TF- TERRAZZO TILE, TREADS & RISERS
CT- CARPET TILE
WCT- WALK OFF CARPET TILE
T- CERAMIC TILE
SC- SEALED CONCRETE
RSF- RUBBER SPORTS FLOORING
RT- RUBBER STAIR TREAD & TILE
RAF- RAISED ACCESS FLOORING
LT- LAMINATE TILE
SSR- SOLID SURFACE RECEPTOR

CEILING:
ACT- ACOUSTICAL CEILING TILE
WCP- WOOD CEILING PANEL
IPS-2 FLAT LATEX ON GYP
IPS-5B FLAT ENAMEL ON METAL

MISC:
IPS-5A SEMI-GLOSS ENAMEL ON METAL
PL- PLASTIC LAMINATE
SS- SOLID SURFACE
B-1 METAL SUPPORT BRACKET
HDPE- SOLID PLASTIC PARTITION
M-1 METAL PARTITION
TR- TRANSITION
CG- CORNER GUARD

BASE:
RB- RUBBER BASE
TB- PORCELAIN TILE WALL BASE

WALLS:
IPS-1 EGG SHELL LATEX PAINT ON GYP
IPS-3 EGG SHELL EPOXY PAINT ON GYP
WT- PORCELAIN WALL TILE
AWP- ACOUSTICAL WALL PANEL
SSP- SOLID SURFACE PANEL
WC- WALL COVERING - TYPE II VINYL
AP- ACCENT PANEL - HARDSTOP
WTR- REVEAL-TRIM SYSTEM - HARDSTOP
FRP- FIBER-REINFORCED PLASTIC PANELS

GENERAL FINISH NOTES:

- G1. REFER TO SPECIFICATIONS (APPENDIX A - INTERIOR FINISH KEY) FOR DETAILED PRODUCT INFORMATION.
- G2. DOOR FRAMES SHALL BE PAINTED IPS-5A UNLESS NOTED OTHERWISE.
- G3. REFER TO SHEETS A701 & A702 FOR FINISH FLOOR PLANS.
- G4. WINDOW SILLS IN HEADQUARTERS BUILDING SS-4. WINDOW SILLS IN TRAINING BUILDING SS-3.
- G5. FOR HEADQUARTERS SOUTH SECTION OF THE BUILDING - NORTH WEST WALLS ARE SCHEDULED AS 'NORTH' IN ROOM FINISH SCHEDULE.
- G6. TRANSITION ALL WALL AND/OR COLOR CHANGES AT INSIDE CORNER, UNLESS NOTED OTHERWISE. CONSULT ARCHITECT FOR CLARIFICATION IF NECESSARY.
- G7. CONTINUE WALL FINISH AS SCHEDULED BEHIND ALL CASEWORK/MILLWORK.
- G8. CONTINUE WALL BASE AS SCHEDULED AT ALL WALLS, FURRED OUT COLUMNS AND COLUMN COVERS AND AT ALL CASEWORK TOE KICKS, SIDE PANELS AND UNDER OPEN COUNTER.
- G9. REFER TO A001 FOR CASEWORK SECTIONS AND TYPICAL MOUNTING HEIGHTS.
- G10. CONTRACTOR RESPONSIBLE TO ENSURE THAT FLOOR SUBSTRATE MEETS THE FLOOR LEVELNESS REQUIREMENTS OF EACH NEW FLOORING TYPE TO BE INSTALLED AT THAT SUBSTRATE.
- G11. PAINT HORIZONTAL FACE OF SOFFITS SAME AS VERTICAL FACE OF SOFFIT UNLESS NOTED OTHERWISE.
- G12. REFERENCE FINISH FLOOR PLANS (A701 AND A702) FOR FLOOR PATTERNING AND ORIENTATION OF FLOORING MATERIAL.
- G13. AT ALL WALL LOCATIONS SPECIFIED WITH AP-1 AND AP-2, HARDSTOP PANELS TO EXTEND TO FINISH FLOOR BEHIND WALL BASE.
- G14. REFER TO A703 FOR AP-1 AND AP-2 TRIM AND PANEL DETAILS.

ADDITIVE ALTERNATE NOTES:

- ADDITIVE ALTERNATE NO. 2 - REFER TO BASE BID AND ALTERNATE FINISHES IN BOTH THE ROOM TAGS 114 AND 118, AND A713 ROOM FINISH SCHEDULE.
- ADDITIVE ALTERNATE NO. 4 - REFER TO BASE BID AND ALTERNATE FINISHES IN BOTH THE CORRIDOR ROOM TAGS, AND A713 ROOM FINISH SCHEDULE.

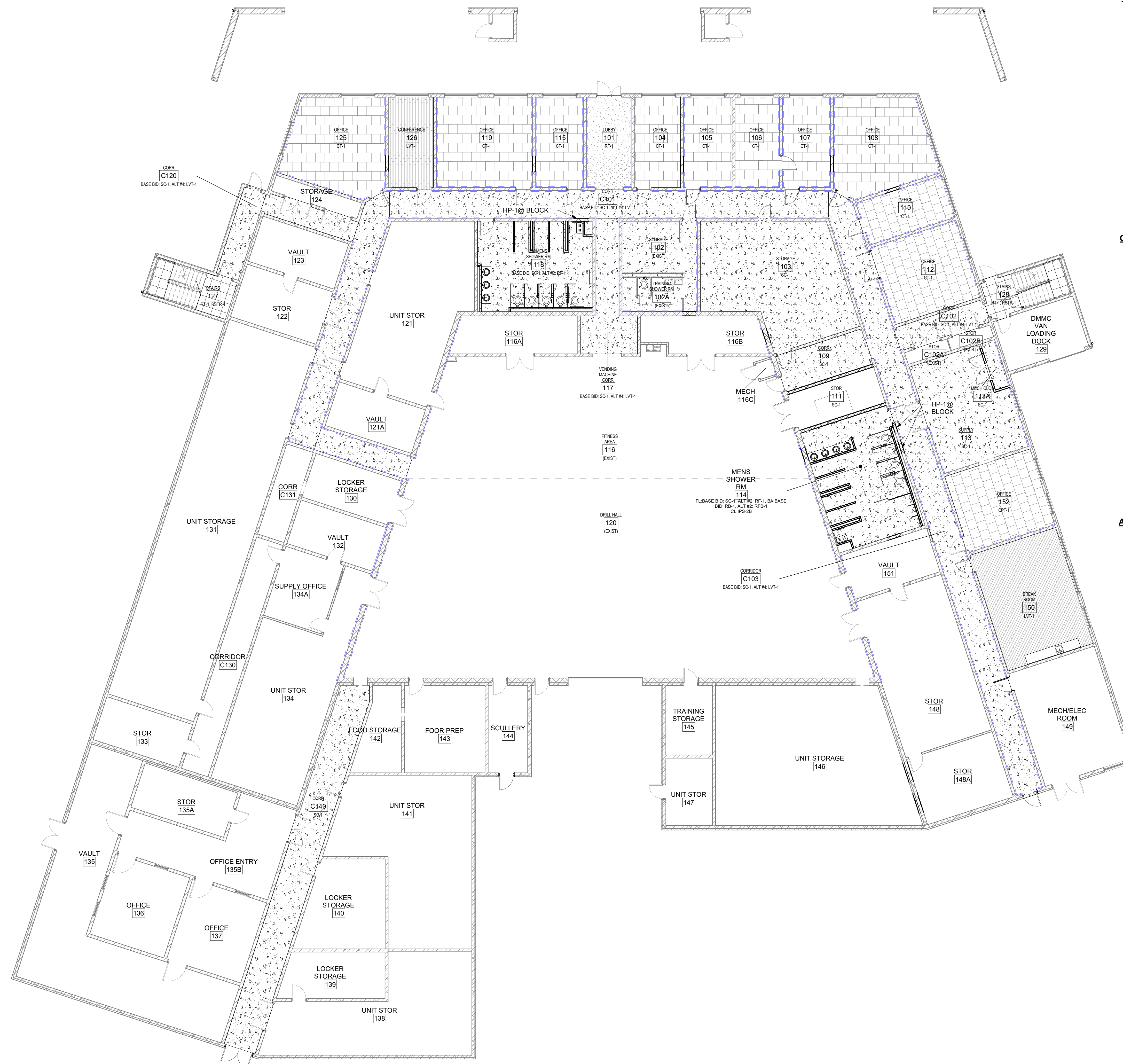
FINISH SCHEDULE NOTES:

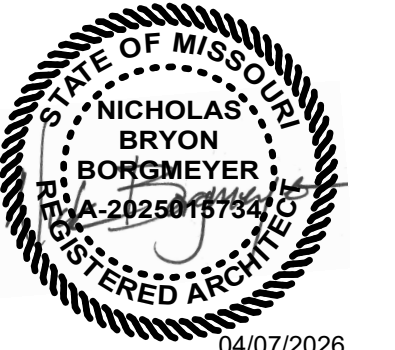
- WALLS TO BE HP-2 SYSTEM. EXISTING BLOCK WALLS ARE LEAD COATED. PREP WALLS IN CONFORMANCE WITH LEAD COATED BLOCK REQUIREMENTS.
- UNDERSIDE OF STAIRS, HANDRAILS AND METAL STRINGERS TO BE IPS-5A

FLOOR FINISH KEY:

REFER TO HATCH FOR FLOORING SCOPE:

- = OUT OF ARCHITECTURE SCOPE
- = 2'X2' CARPET TILE, ASHLAR INSTALLATION
- = RESINOUS FLOORING SYSTEM
- = LVT PLANKS OR TILES (LUXURY VINYL TILE)
- = SEALED CONCRETE
- = EXIST YELLOW WALL TILE TO BE COATED WITH EPOXY PRODUCT
- = EXIST FULL HEIGHT LEAD BASED GLAZED BLOCK WALLS TILE TO BE COATED WITH EPOXY PRODUCT





04/07/2026
Nicholas Bryon Borgmeyer - Architect
License No. A-2025015734

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squaredeng.com

**OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION**

**DEPARTMENT OF MISSOURI
NATIONAL GUARD**

**JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR**

**801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI**

PROJECT # **T2505-01**
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE: T2505-01_A712.dwg
DRAWN BY: BW
CHECKED BY: NB
DESIGNED BY: AR

SHEET TITLE:
**SECOND FLOOR FINISH
FLOOR PLAN AND ADD
ALT NO. 4**

SHEET NUMBER:

A712

29 of 53 SHEETS
APRIL 7, 2026

GENERAL FINISH KEY:

FLOORS:
TF- TERRAZZO TILE, TREADS & RISERS
CT- CARPET TILE
WCT- WALK OFF CARPET TILE
T- CERAMIC TILE
SC- SEALED CONCRETE
RSF- RUBBER SPORTS FLOORING
RT- RUBBER STAIR TREAD & TILE
RAF- RAISED ACCESS FLOORING
LT- LAMINATE TILE
SSR- SOLID SURFACE RECEPTOR

CEILING:
ACT- ACOUSTICAL CEILING TILE
WCP- WOOD CEILING PANEL
IPS-2 FLAT LATEX ON GYP
IPS-5B FLAT ENAMEL ON METAL

MISC:
IPS-5A SEMI-GLOSS ENAMEL ON METAL
PL- PLASTIC LAMINATE
SS- SOLID SURFACE
B-1 METAL SUPPORT BRACKET
HDPE- SOLID PLASTIC PARTITION
M-1 METAL PARTITION
TR- TRANSITION
CG- CORNER GUARD

BASE:
RB- RUBBER BASE
TB- PORCELAIN TILE WALL BASE

WALLS:
IPS-1 EGG SHELL LATEX PAINT ON GYP
IPS-3 EGG SHELL EPOXY PAINT ON GYP
WT- PORCELAIN WALL TILE
AWP- ACOUSTICAL WALL PANEL
SSP- SOLID SURFACE PANEL
WC- WALL COVERING - TYPE II VINYL
AP- ACCENT PANEL - HARDSTOP
WTR- REVEAL TRIM SYSTEM - HARDSTOP
FRP- FIBER-REINFORCED PLASTIC PANELS

GENERAL FINISH NOTES:

- G1. REFER TO SPECIFICATIONS (APPENDIX A - INTERIOR FINISH KEY) FOR DETAILED PRODUCT INFORMATION.
- G2. DOOR FRAMES SHALL BE PAINTED IPS-5A UNLESS NOTED OTHERWISE.
- G3. REFER TO SHEETS A701 & A702 FOR FINISH FLOOR PLANS.
- G4. WINDOW SILLS IN HEADQUARTERS BUILDING SS-4. WINDOW SILLS IN TRAINING BUILDING SS-3.
- G5. FOR HEADQUARTERS SOUTH SECTION OF THE BUILDING - NORTH WEST WALLS ARE SCHEDULED AS 'NORTH' IN ROOM FINISH SCHEDULE.
- G6. TRANSITION ALL WALL AND/OR COLOR CHANGES AT INSIDE CORNER, UNLESS NOTED OTHERWISE. CONSULT ARCHITECT FOR CLARIFICATION IF NECESSARY.
- G7. CONTINUE WALL FINISH AS SCHEDULED BEHIND ALL CASEWORK/MILLWORK.
- G8. CONTINUE WALL BASE AS SCHEDULED AT ALL WALLS, FURRED OUT COLUMNS AND COLUMN COVERS AND AT ALL CASEWORK TOE KICKS, SIDE PANELS AND UNDER OPEN COUNTER.
- G9. REFER TO A001 FOR CASEWORK SECTIONS AND TYPICAL MOUNTING HEIGHTS.
- G10. CONTRACTOR RESPONSIBLE TO ENSURE THAT FLOOR SUBSTRATE MEETS THE FLOOR LEVELNESS REQUIREMENTS OF EACH NEW FLOORING TYPE TO BE INSTALLED AT THAT SUBSTRATE.
- G11. PAINT HORIZONTAL FACE OF SOFFITS SAME AS VERTICAL FACE OF SOFFIT UNLESS NOTED OTHERWISE.
- G12. REFERENCE FINISH FLOOR PLANS (A701 AND A702) FOR FLOOR PATTERNING AND ORIENTATION OF FLOORING MATERIAL.
- G13. AT ALL WALL LOCATIONS SPECIFIED WITH AP-1 AND AP-2, HARDSTOP PANELS TO EXTEND TO FINISH FLOOR BEHIND WALL BASE.
- G14. REFER TO A703 FOR AP-1 AND AP-2 TRIM AND PANEL DETAILS.

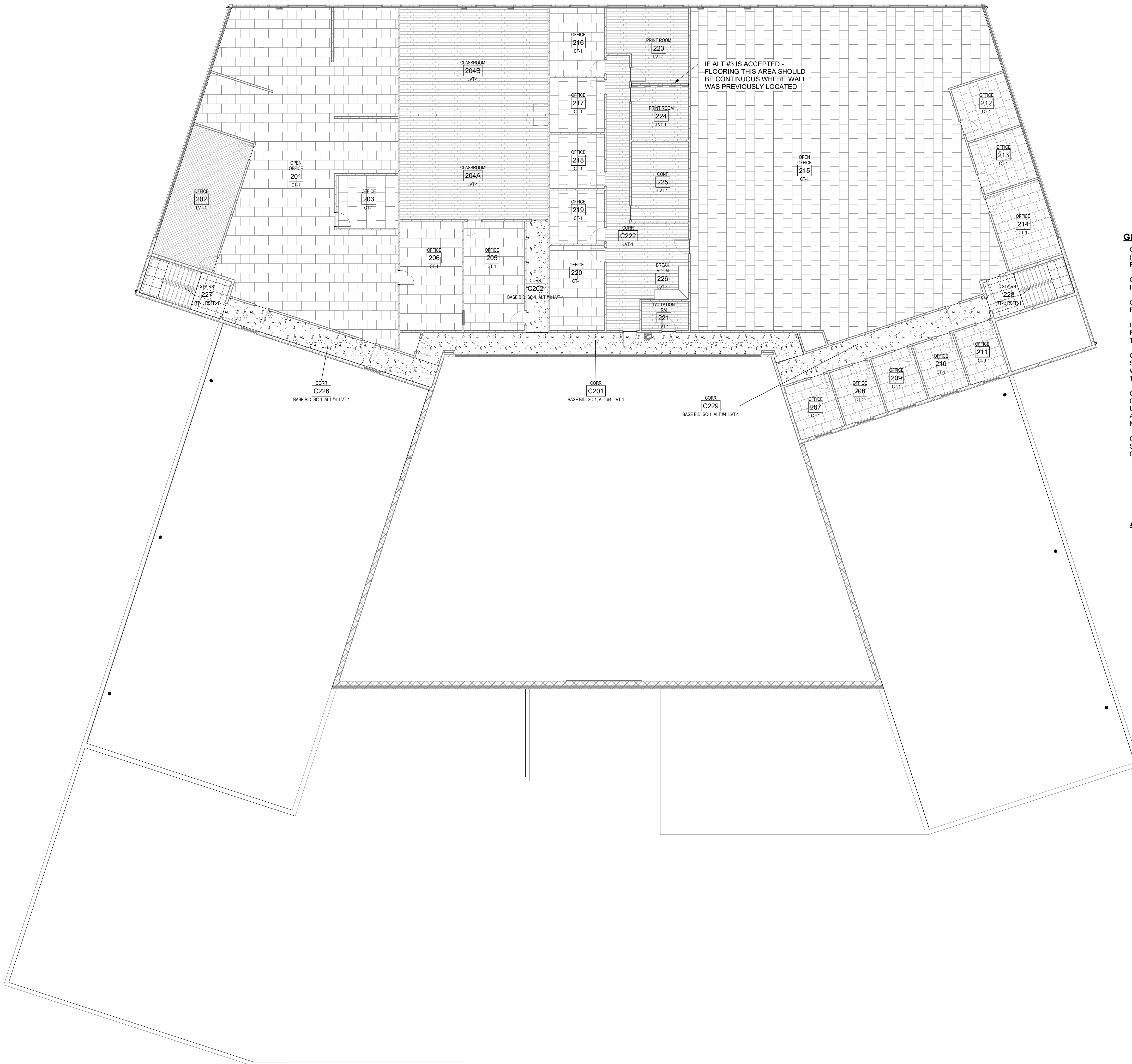
ADDITIVE ALTERNATE NOTES: FINISH SCHEDULE NOTES:

- ADDITIVE ALTERNATE NO. 2 - REFER TO BASE BID AND ALTERNATE FINISHES IN BOTH THE ROOM TAGS 114 AND 118, AND A713 ROOM FINISH SCHEDULE.
- ADDITIVE ALTERNATE NO. 4 - REFER TO BASE BID AND ALTERNATE FINISHES IN BOTH THE CORRIDOR ROOM TAGS, AND A713 ROOM FINISH SCHEDULE.
- WALLS TO BE HP-2 SYSTEM. EXISTING BLOCK WALLS ARE LEAD COATED. PREP WALLS IN CONFORMANCE WITH LEAD COATED BLOCK REQUIREMENTS.
- UNDERSIDE OF STAIRS, HANDRAILS AND METAL STRINGERS TO BE IPS-5A

FLOOR FINISH KEY:

REFER TO HATCH FOR FLOORING SCOPE:

- = OUT OF ARCHITECTURE SCOPE
- = 2'X2' CARPET TILE, ASHLAR INSTALLATION
- = RESINOUS FLOORING SYSTEM
- = LVT PLANKS OR TILES (LUXURY VINYL TILE)
- = SEALED CONCRETE
- = EXIST YELLOW WALL TILE TO BE COATED WITH EPOXY PRODUCT
- = EXIST FULL HEIGHT LEAD BASED GLAZED BLOCK WALLS TILE TO BE COATED WITH EPOXY PRODUCT





01/01/2021
Nicholas Bryon Borgmeyer - Architect
License No. A-2025015734

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407

www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 BRYAN CREEK DRIVE, SUITE 101
COLUMBIA, MISSOURI 65201
573.234.4492
www.j-squaredeng.com

**OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION**

**DEPARTMENT OF MISSOURI
NATIONAL GUARD**

**JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR**

**801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI**

**PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001**

REVISION	DATE

CAD DWG FILE:T2505-01_A713.dwg
DRAWN BY: BW
CHECKED BY: NB
DESIGNED BY: AR

SHEET TITLE:
**ROOM FINISH
SCHEDULE, INT. FINISH
KEY, AND ADD ALT NO.
2 & 4**

SHEET NUMBER:

A713

30 of 53 SHEETS
APRIL 7, 2026

ROOM FINISH SCHEDULE									
ROOM NO	ROOM NAME	FLOOR	BASE	WALLS				CEILING	NOTES
				NORTH	SOUTH	EAST	WEST		
LEVEL 01									
101	LOBBY	RF-1	RFB-1	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	(EXIST)	
102	STORAGE	(EXIST)	(EXIST)	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	(EXIST)	
102A	TRAINING SHOWER RM	(EXIST)	(EXIST)	HP-2	HP-2	HP-2	HP-2	(EXIST)	1
103	STORAGE	SC-1	RB-1	IPS-1A	IPS-1A	IPS-1A	IPS-1A	(EXIST)	
104	OFFICE	CT-1	RB-2	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
105	OFFICE	CT-1	RB-2	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	(EXIST)	
106	OFFICE	CT-1	RB-2	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	(EXIST)	
107	OFFICE	CT-1	RB-2	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	(EXIST)	
108	OFFICE	CT-1	RB-2	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	(EXIST)	
109	CORR	SC-1	RB-1	IPS-1A	IPS-1A	IPS-1B	IPS-1B	(OPEN), IPS-2A	
110	OFFICE	CT-1	RB-2	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	(EXIST)	
111	STOR	SC-1	RB-1	IPS-1A	IPS-1A	IPS-1B	IPS-1B	(OPEN)	
112	OFFICE	CT-1	RB-2	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	(EXIST)	
113	SUPPLY	SC-1	RB-1	IPS-1A	IPS-1B	IPS-1A, HP-1	IPS-1A, HP-1	(EXIST), ACT-1	
113A	MECH CLOS	SC-1	RB-1	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(OPEN)	
114	MENS SHOWER RM	BASE BID: SC-1, ALT #2: RF-1	BASE BID: RB-1, ALT #2: RFB-1	IPS-3A	IPS-3A, SSP-1	IPS-3A, SSP-1	IPS-3A, SSP-1	IPS-2B	
115	OFFICE	CT-1	RB-2	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	(EXIST)	
116	FITNESS AREA	(EXIST)	RB-1	IPS-1B, HP-1	IPS-1B, HP-1	IPS-1B, HP-1	IPS-1B, HP-1	(EXIST)	
116A	STOR	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
116B	STOR	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
116C	MECH	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
117	VENDING MACHINE CORR	BASE BID: SC-1, ALT #4: LVT-1	RB-1	IPS-1A, HP-1	IPS-1A, HP-1, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	ACT-2	
118	WOMENS SHOWER RM	BASE BID: SC-1, ALT #2: RF-1	BASE BID: RB-1, ALT #2: RFB-1	IPS-3A, SSP-1	IPS-3A, SSP-1	IPS-3A, SSP-1	IPS-3A	IPS-2B	
119	OFFICE	CT-1	RB-2	IPS-1B, HP-1	IPS-1B, HP-1	IPS-1B, HP-1	IPS-1B, HP-1	(EXIST)	
120	DRILL HALL	(EXIST)	RB-2	IPS-1B, HP-1	IPS-1B, HP-1	IPS-1B, HP-1	IPS-1B, HP-1	(EXIST)	
121	UNIT STOR	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
121A	VAULT	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
122	STOR	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
123	VAULT	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
124	STORAGE	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
125	OFFICE	CT-1	RB-2	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	(EXIST)	
126	CONFERENCE	LVT-1	RB-1	IPS-1B	IPS-1B	IPS-1B	IPS-1B	ACT-1	
127	STAIRS	RT-1, RSTR-1	RB-1	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	2
128	STAIRS	RT-1, RSTR-1	RB-1	IPS-1A	IPS-1A	IPS-1A	IPS-1A	(EXIST)	2
129	DMMC VAN LOADING DOCK	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
130	LOCKER STORAGE	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
131	UNIT STORAGE	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
132	VAULT	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
133	STOR	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
134	UNIT STOR	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
134A	SUPPLY OFFICE	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
135	VAULT	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
135A	STOR	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
135B	OFFICE ENTRY	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
136	OFFICE	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
137	OFFICE	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
138	UNIT STOR	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
139	LOCKER STORAGE	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
140	LOCKER STORAGE	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
141	UNIT STOR	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
142	FOOD STORAGE	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
143	FOOR PREP	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
144	SCULLERY	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
145	TRAINING STORAGE	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
146	UNIT STORAGE	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
147	UNIT STOR	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
148	STOR	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST), IPS-2A	
148A	STOR	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST), IPS-2A	
149	MECH/ELEC ROOM	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(OPEN)	
150	BREAK ROOM	LVT-1	RB-1	IPS-1B	IPS-1B	IPS-1B	IPS-1A	ACT-1	
151	VAULT	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
152	OFFICE	CPT-1	RB-2	IPS-1A	IPS-1B	IPS-1A, HP-1	IPS-1A, HP-1	(EXIST), ACT-1	
C101	CORR	BASE BID: SC-1, ALT #4: LVT-1	RB-1	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	ACT-2	
C102	CORR	BASE BID: SC-1, ALT #4: LVT-1	RB-1	IPS-1A	IPS-1A	IPS-1A	IPS-1A	ACT-2	
C102A	STOR	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
C102B	STOR	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
C103	CORRIDOR	BASE BID: SC-1, ALT #4: LVT-1	RB-1	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	ACT-2	
C120	CORR	BASE BID: SC-1, ALT #4: LVT-1	RB-1	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	IPS-1A, HP-1	ACT-2	
C130	CORRIDOR	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
C131	CORR	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	(EXIST)	
C140	CORR	SC-1	RB-1	IPS-1A	IPS-1A	IPS-1A	IPS-1A	(EXIST)	
LEVEL 02									
201	OPEN OFFICE	CT-1	RB-2	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
202	OFFICE	LVT-1	RB-1	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
203	OFFICE	CT-1	RB-2	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
204A	CLASSROOM	LVT-1	RB-1	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
204B	CLASSROOM	LVT-1	RB-1	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
205	OFFICE	CT-1	RB-2	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
206	OFFICE	CT-1	RB-2	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
207	OFFICE	CT-1	RB-2	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
208	OFFICE	CT-1	RB-2	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
209	OFFICE	CT-1	RB-2	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
210	OFFICE	CT-1	RB-2	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
211	OFFICE	CT-1	RB-2	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
212	OFFICE	CT-1	RB-2	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
213	OFFICE	CT-1	RB-2	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
214	OFFICE	CT-1	RB-2	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
215	OPEN OFFICE	CT-1	RB-2	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
216	OFFICE	CT-1	RB-2	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
217	OFFICE	CT-1	RB-2	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
218	OFFICE	CT-1	RB-2	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
219	OFFICE	CT-1	RB-2	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
220	OFFICE	CT-1	RB-2	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
221	LACTATION RM	LVT-1	RB-1	IPS-1B	IPS-1B	IPS-1B	IPS-1B	ACT-1	
223	PRINT ROOM	LVT-1	RB-1	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
224	PRINT ROOM	LVT-1	RB-1	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
225	CONF	LVT-1	RB-1	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
226	BREAK ROOM	LVT-1	RB-1	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
227	STAIRS	RT-1, RSTR-1	RB-1	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	2
228	STAIRS	RT-1, RSTR-1	RB-1	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	2
229	JAN	(EXIST)	(EXIST)	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
C201	CORR	BASE BID: SC-1, ALT #4: LVT-1	RB-1	IPS-1B	IPS-1B	IPS-1B	IPS-1B	ACT-1	
C202	CORR	BASE BID: SC-1, ALT #4: LVT-1	RB-1	IPS-1B	IPS-1B	IPS-1B	IPS-1B	ACT-1	

ROOM FINISH SCHEDULE									
ROOM NO	ROOM NAME	FLOOR	BASE	WALLS				CEILING	NOTES
				NORTH	SOUTH	EAST	WEST		
C222	CORR	LVT-1	RB-1	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	
C229	CORR	BASE BID: SC-1, ALT #4: LVT-1	RB-1	IPS-1B	IPS-1B	IPS-1B	IPS-1B	(EXIST)	

ADDITIVE ALTERNATE NOTES:
1. ADDITIVE ALTERNATE NO. 2 - REFER TO BASE BID AND ALTERNATE FINISHES IN BOTH THE CORRIDOR ROOM TAGS, AND A713 ROOM FINISH SCHEDULE.
2. ADDITIVE ALTERNATE NO. 4 - REFER TO BASE BID AND ALTERNATE FINISHES IN BOTH THE CORRIDOR ROOM TAGS, AND A713 ROOM FINISH SCHEDULE.

FINISH SCHEDULE NOTES:
1. WALLS TO BE HP-2 SYSTEM. EXISTING BLOCK WALLS ARE LEAD COATED. PREP WALLS IN CONFORMANCE WITH LEAD COATED BLOCK REQUIREMENTS.
2. UNDERSIDE OF STAIRS, HANDRAILS AND METAL STRINGERS TO BE IPS-5A

INTERIOR FINISH KEY

ITEMS LISTED BELOW ARE A BASIS OF DESIGN REFERENCE, UNLESS NOTED OTHERWISE. SEE SPECIFICATIONS FOR PERFORMANCE REQUIREMENTS.

CODE	TYPE	MANUFACTURER	PATTERN	COLORWAY	SIZE	INSTALLATION METHOD	LOCATIONS
FLOORING:							
CT-1	CARPET TILE	SHAW CONTRACT	SHAPE TILE - 5T070	VISTA - 69481	24"X24"	INSTALLATION METHOD: RANDOM	OFFICES
LVT-1	LUXURY VINYL TILE	MANNINGTON	SPACIA- WOOD 4MM 2,000 SF MINIMUM	SASH OAK S45W3032	20 MIL WEAR LAYER, 4MM OVERALL THICKNESS, 7.25" x 48"	ALL ARROWS IN SAME DIRECTION. PLANKS TO HAVE END JOINTS OFFSET BY AT LEAST 6" AND STAGGERED TO CREATE A RANDOM APPEARANCE	CONFERENCE ROOM, UPPER LEVEL CORRIDOR, (ALT #4) LOWER LEVEL CORRIDOR
RF-1	RESINOUS EPOXY FLOORING	TNEMEC DECO-QUARTZ: BROADCAST QUARTZ SYSTEM					

HVAC DEMO PLAN SYMBOL LEGEND

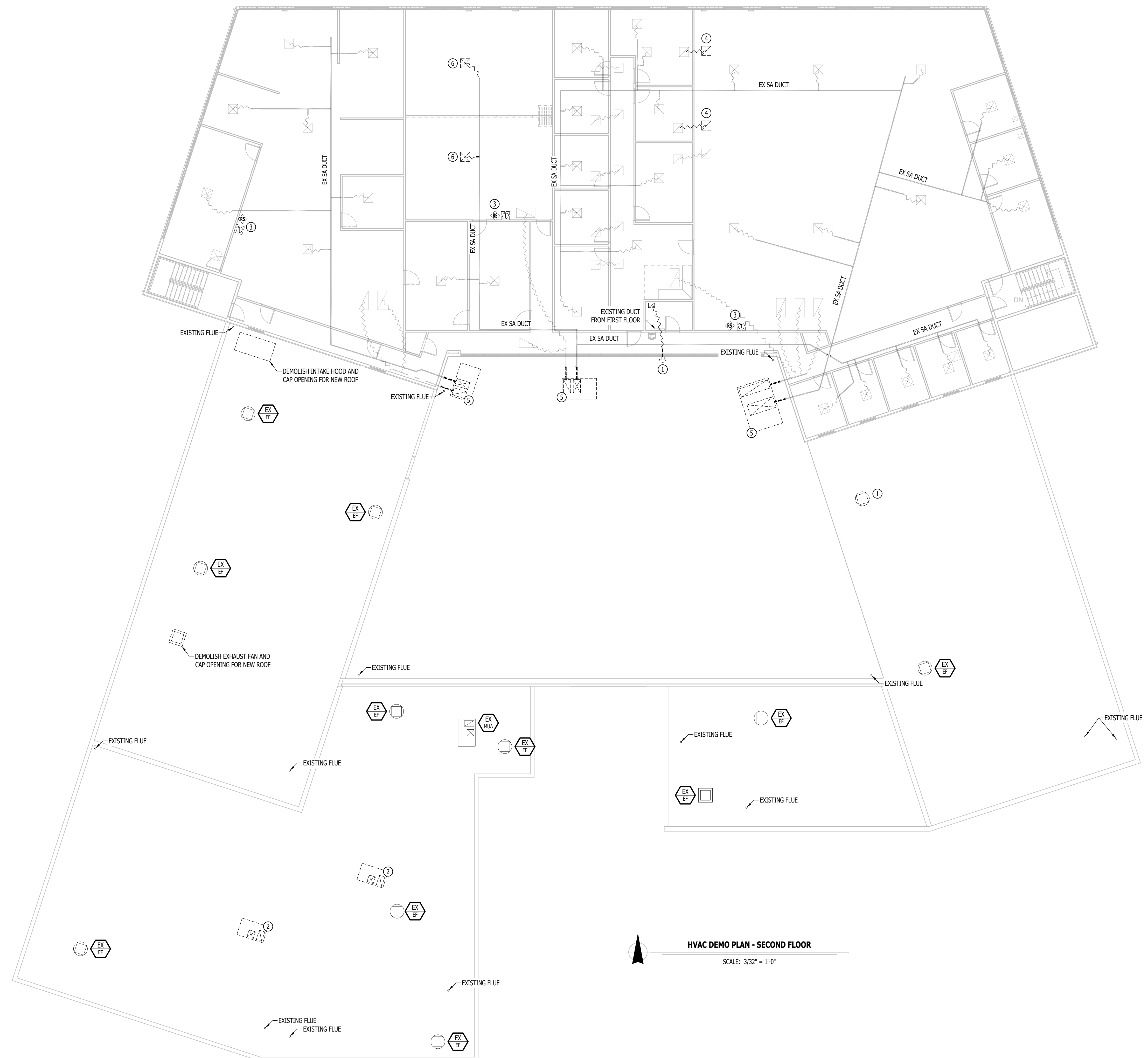
- EQUIPMENT TYPE (REFER TO EQUIPMENT SCHEDULE)
- EQUIPMENT REFERENCE NUMBER
- DIFFUSER/GRILLE TYPE (REFER TO SCHEDULE)
- CUBIC FEET PER MINUTE (CFM) / FACE SIZE
- EXISTING SUPPLY DUCTWORK
- EXISTING RETURN DUCTWORK
- EXISTING EXHAUST DUCTWORK
- EXISTING OUTSIDE AIR DUCTWORK
- DEMOLISHED DUCTWORK
- FLEX DUCT
- VENT / COMBUSTION AIR
- TIE INTO EXISTING
- EXISTING SUPPLY DIFFUSER (HATCH INDICATES "NO FLOW ZONE")
- EXISTING RETURN DIFFUSER
- DEMOLISHED SUPPLY DIFFUSER
- DEMOLISHED RETURN DIFFUSER
- BALANCE DAMPER
- THERMOSTAT

HVAC DEMO PLAN GENERAL NOTES:

1. REFER TO SHEETS M-501 & M-501 FOR ADDITIONAL HVAC NOTES, DETAILS, REQUIREMENTS, AND SCHEDULES.
2. HVAC CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND COORDINATE LOCATION OF ALL EQUIPMENT, DUCTWORK, REFRIGERANT PIPING, CONDENSATE PIPING, HANGERS / SUPPORTS, ETC. WITH PLUMBING AND ELECTRICAL TRADES BEFORE INSTALLATION OF ANY MATERIAL. ADDITIONAL COSTS ASSOCIATED WITH LACK OF COORDINATION WILL NOT BE REIMBURSED.
3. ANY EXISTING HVAC EQUIPMENT OR DUCTWORK SHOWN IS FOR REFERENCE ONLY. HVAC CONTRACTOR TO FIELD VERIFY EXACT EQUIPMENT/DUCT SIZE, LOCATIONS, CONDITION, ETC. PRIOR TO INSTALLATION OF ANY MATERIAL AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
4. HVAC CONTRACTOR SHALL CONTACT MONG MAINTENANCE REPRESENTATIVE TO VERIFY NO PARTS ARE BEING SALVAGED TO OWNER PRIOR TO DISPOSAL OF EXISTING HVAC EQUIPMENT TO BE DEMOLISHED.

HVAC DEMO PLAN KEY NOTES:

- ① DEMOLISH EXISTING EXHAUST FAN AND ASSOCIATED DUCTWORK. PREPARE FOR NEW EXHAUST FAN INSTALLATION.
- ② DEMOLISH EXISTING ROOF TOP UNIT & CURB. EXISTING DUCTWORK TO REMAIN. PREPARE FOR NEW ROOF TOP UNIT INSTALLATION.
- ③ DEMOLISH EXISTING THERMOSTAT AND REMOTE SOUNDER ASSOCIATED WITH RTU. PREPARE FOR NEW THERMOSTAT AND REMOTE SOUNDER ASSOCIATED WITH NEW RTU. SEE HVAC PLANS FOR FURTHER DETAILS.
- ④ DEMOLISH RETURN GRILLE AND DUCTWORK BACK TO TRANSFER GRILLE IN ADJACENT OFFICE.
- ⑤ DEMOLISH EXISTING ROOF TOP UNIT & CURB. DEMOLISH EXISTING DUCT TO BUILDING ENTRANCE, LEAVING ENOUGH DUCT MATERIAL TO RECONNECT NEW DUCT FROM NEW ROOF TOP UNIT.
- ⑥ DEMOLISH EXISTING SUPPLY GRILLE AND BRANCH DUCT BACK TO MAIN DUCT AS SHOWN. PREPARE FOR NEW DUCT CONNECTION.



STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680
PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squareeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE:
DRAWN BY: RXM
CHECKED BY: JAP
DESIGNED BY: KEL

SHEET TITLE:

**HVAC DEMO PLAN
- SECOND FLOOR**

SHEET NUMBER:

M-102

32 of 53 SHEETS
APRIL 7, 2026

HVAC PLAN SYMBOL LEGEND

- EQUIPMENT TYPE (REFER TO EQUIPMENT SCHEDULE)
- EQUIPMENT REFERENCE NUMBER
- DIFFUSER/GRILLE TYPE (REFER TO SCHEDULE)
- CUBIC FEET PER MINUTE (CFM) / FACE SIZE
- SUPPLY DUCTWORK
- RETURN DUCTWORK
- EXHAUST DUCTWORK
- OUTSIDE AIR DUCTWORK
- EXISTING SUPPLY DUCTWORK
- EXISTING RETURN DUCTWORK
- EXISTING EXHAUST DUCTWORK
- EXISTING OUTSIDE AIR DUCTWORK
- FLEX DUCT
- VENT / COMBUSTION AIR
- TIE INTO EXISTING
- SUPPLY DIFFUSER (HATCH INDICATES "NO FLOW ZONE")
- RETURN DIFFUSER
- BALANCE DAMPER
- THERMOSTAT

HVAC PLAN GENERAL NOTES:

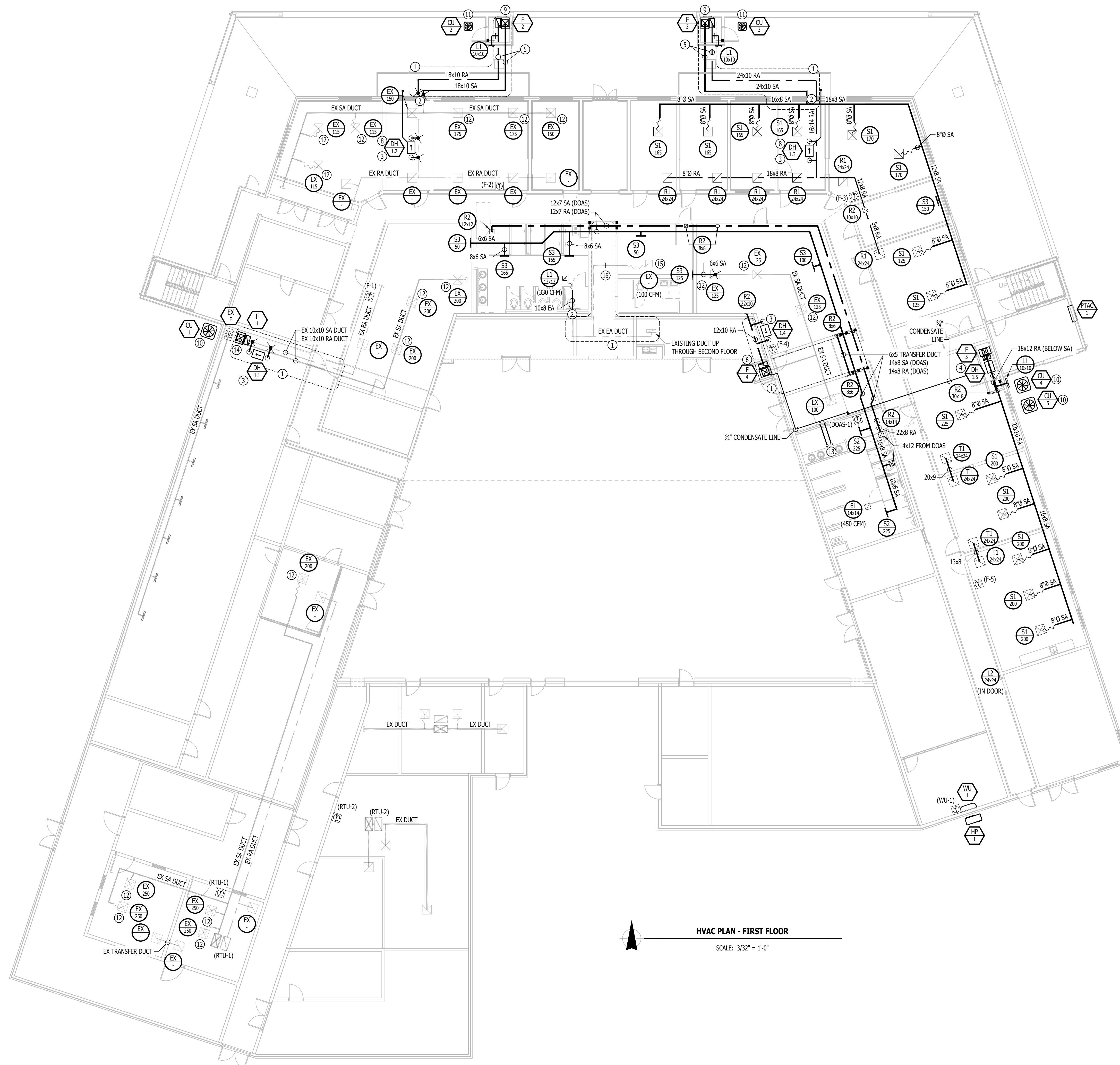
1. REFER TO SHEETS M-501 & M-601 FOR ADDITIONAL HVAC NOTES, DETAILS, REQUIREMENTS, AND SCHEDULES.
2. HVAC CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND COORDINATE LOCATION OF ALL EQUIPMENT, DUCTWORK, REFRIGERANT PIPING, CONDENSATE PIPING, HANGERS / SUPPORTS, ETC. WITH PLUMBING AND ELECTRICAL TRADES BEFORE INSTALLATION OF ANY MATERIAL. ADDITIONAL COSTS ASSOCIATED WITH LACK OF COORDINATION WILL NOT BE REIMBURSED.
3. ANY EXISTING HVAC EQUIPMENT OR DUCTWORK SHOWN IS FOR REFERENCE ONLY. HVAC CONTRACTOR TO FIELD VERIFY EXACT EQUIPMENT/DUCT SIZE, LOCATIONS, CONDITION, ETC. PRIOR TO INSTALLATION OF ANY MATERIAL AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

HVAC PLAN KEY NOTES:

1. CONTRACTOR SHALL WRAP DUCTWORK WITH 1 1/2" DUCT WRAP IN UNCONDITIONED AREAS (INDICATED ON PLANS WITH DASHED OUTLINE).
2. CONTRACTOR SHALL REUSE EXISTING WALL PENETRATION. DESIGN TEAM SHALL APPROVE OF ANY WIDENING OF EXISTING OPENINGS PRIOR TO DEMOLITION WORK.
3. CONTRACTOR SHALL SUSPEND DEHUMIDIFIER FROM STRUCTURE. WHERE ACT DROP CEILING EXISTS WITHIN THE SPACE, LOCATED DEHUMIDIFIER ABOVE ACT CEILING. SEE "SUSPENDED HUMIDIFIER" DETAIL FOR DUCT SIZE AND FURTHER INFORMATION.
4. PROVIDE NEW COMBUSTION AIR/EXHAUST PIPING UP THROUGH ROOF FOR NEW FURNACE, TERMINATE WITH CONCENTRIC VENT KIT. CONDENSATE PUMP TO PUMP CONDENSATE FROM FURNACE & DEHUMIDIFIER TO FLOOR DRAIN AS SHOWN ON PLANS. ROUTE DRAIN LINE AS HIGH AS POSSIBLE AND MAINTAIN REQUIRED SLOPE. PROVIDE MOTORIZED DAMPER AND MANUAL CONTROL DAMPER FOR OUTSIDE AIR DUCT. SEE HVAC SCHEDULES FOR DAMPER CONTROL. SEE CLOSET DEHUMIDIFIER DETAIL FOR FURTHER DETAILS.
5. ROUTE DUCT IN JOIST SPACE FROM MECHANICAL CLOSET TO SOFFIT.
6. PROVIDE NEW COMBUSTION AIR/EXHAUST PIPING UP THROUGH ROOF FOR NEW FURNACE, TERMINATE WITH CONCENTRIC VENT KIT. CONDENSATE PUMP TO PUMP CONDENSATE FROM FURNACE & DEHUMIDIFIER TO FLOOR DRAIN AS SHOWN ON PLANS. ROUTE DRAIN LINE AS HIGH AS POSSIBLE AND MAINTAIN REQUIRED SLOPE.
7. PROVIDE NEW COMBUSTION AIR/EXHAUST PIPING UP THROUGH ROOF FOR NEW FURNACE, TERMINATE WITH CONCENTRIC VENT KIT. ROUTE CONDENSATE DRAIN LINE OUT EXTERIOR WALL. SEE DETAIL FOR FURTHER INFORMATION.
8. ROUTE CONDENSATE DRAIN ABOVE CEILING AND OUT EXTERIOR WALL AS SHOWN ON PLANS.
9. PROVIDE NEW EXHAUST FLUE FOR NEW FURNACE. ROUTE CONDENSATE DRAIN OUT MECHANICAL CLOSET WALL. PROVIDE MOTORIZED DAMPER AND MANUAL CONTROL DAMPER FOR OUTSIDE AIR DUCT (8"Ø).
10. MOUNT CONDENSING UNIT ON WALL BRACKET. SEE HVAC SCHEDULE FOR FURTHER DETAILS.
11. PROVIDE NEW CONCRETE CONDENSING UNIT PAD FOR NEW CONDENSING UNIT.
12. RE-BALANCE EXISTING SUPPLY DIFFUSER TO AIRFLOW ON TAG.
13. PROVIDE (2) 6"Ø DUCTS EACH WITH (1) BACKDRAFT DAMPER FROM STORAGE ROOM TO ROOF GOOSENECK. COVER GOOSENECK WITH 1/2" HARDWARE CLOTH. 6"Ø DUCT IN STORAGE ROOM SHALL EXTEND 12" BELOW CEILING HEIGHT.
14. PROVIDE NEW EXHAUST FLUE FOR NEW FURNACE. ROUTE CONDENSATE DRAIN OUT EXTERIOR WALL.
15. CONTRACTOR SHALL REMOVE, CLEAN, AND REINSTALL EXHAUST GRILLE. CONTRACTOR SHALL CLEAN EXISTING DUCTWORK UP TO EXHAUST FAN TIE IN POINT ABOVE SECOND FLOOR CEILING.
16. INSTALL BALANCE DAMPER IN EXISTING DUCT AND BALANCE TO AIRFLOW INDICATED ON DIFFUSER TAG.

FIRE RATED PENETRATION NOTES

- THIS BUILDING CONTAINS FIRE RATED ASSEMBLIES. SEE ARCHITECTURAL PLANS FOR LOCATIONS AND DETAILS.
- A UL-LISTED FIRESTOP SYSTEM SHALL BE INSTALLED AT EACH PENETRATION OF A HORIZONTAL OR VERTICAL RATED ASSEMBLY IN ACCORDANCE WITH ASTM E814 OR UL 1479.
- EACH CONTRACTOR IS RESPONSIBLE FOR PROVIDING PROTECTION FOR THEIR PENETRATIONS THRU RATED ASSEMBLIES.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING A CATALOG OF ALL UL LISTED FIRESTOP ASSEMBLIES, AND KEEPING A PHYSICAL COPY OF DETAILS FOR EACH USED FIRESTOP ASSEMBLY ON SITE FOR REFERENCE.



HVAC PLAN - FIRST FLOOR
SCALE: 3/32" = 1'-0"



Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680
PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squareeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE:
DRAWN BY: RXM
CHECKED BY: JAP
DESIGNED BY: KEL

SHEET TITLE:

**HVAC PLAN -
FIRST FLOOR**

SHEET NUMBER:

M-103

33 of 53 SHEETS
APRIL 7, 2026



Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squareeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE:
DRAWN BY: RXM
CHECKED BY: JAP
DESIGNED BY: KEL

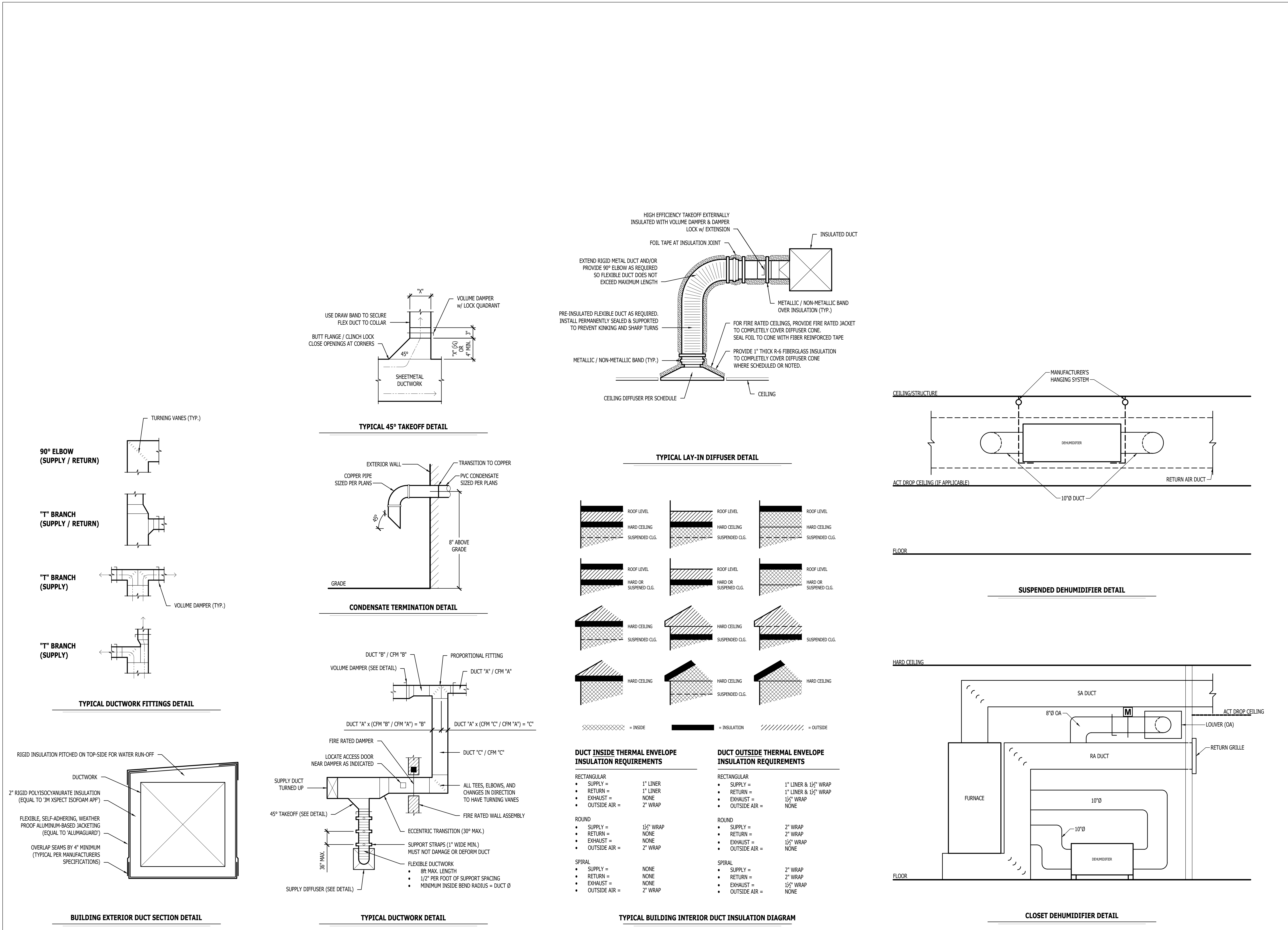
SHEET TITLE:

HVAC DETAILS

SHEET NUMBER:

M-501

35 of 53 SHEETS
APRIL 7, 2026





Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680
PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407

www.soa-inc.com

Simon Oswald Associates, Inc.

Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squareleng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01

SITE # 6292

ASSET # 8136292001

REVISION	DATE

CAD DWG FILE:
DRAWN BY: RXM
CHECKED BY: JAP
DESIGNED BY: KEL

SHEET TITLE:

HVAC
SCHEDULES

SHEET NUMBER:

M-601

36 of 53 SHEETS
APRIL 7, 2026

DEDICATED OUTDOOR AIR SUPPLY (DOAS) UNIT SCHEDULE

TAG	WEIGHT (lbs)	MANUFACTURER (OR EQUAL)	MODEL NUMBER (OR EQUAL)	UNIT					REHEAT CAPACITY					COOLING					GAS HEATING				NOTES					
				ELECTRICAL		SUPPLY FAN			DISCHARGE			CAPACITY		EAT		LAT			TOTAL CAPACITY (Btu/hr)	SENSIBLE CAPACITY (Btu/hr)	TYPE	SIZE (MBH)		STAGES	TOTAL CAPACITY (Btu/hr)	TEMP RISE (°F)		
				VOLTS / PH	MCA (A)	OCF	IEER	AIRFLOW (CFM)	ESP (inH ₂ O)	MOTOR SIZE (HP)	EFFICIENCY	LDB (°F)	LWB (°F)	DESIRED (Btu/hr)	MAX (Btu/hr)	MOISTURE REMOVAL RATE (LBS/HR)	EDB (°F)	EWB (°F)									LDB (°F)	LWB (°F)
DOAS-1	1334	CAPTIVEAIRE	CAS-HVAC1-T125-13-6T	208 / 3	39.9	40	19.5	1000	1.0	1.0	COMBO RACK - 2" MERV8 filters from factory & 2" MERV13 filters from factory	70	61	17,700	56,000	28.6	100	78	53.9	53.9	83,900	50,200	Gas	125	Modulating 6:1 Turndown	101,250	83	1-16

NOTES:

- INVERTER SCROLL COMPRESSOR WITH INTEGRATED OIL SENSOR. DIGITAL OR STAGED SCROLL NOT AN APPROVED EQUAL
- DIRECT DRIVE PLENUM BLOWER. BELT DRIVEN BLOWERS ARE NOT ACCEPTABLE
- INTEGRATED MONITORING VIA CELLULAR CONNECTION BY MANUFACTURER
- REFRIGERATION PRESSURE MONITORING ON HIGH AND LOW PRESSURE SIDE OF SYSTEM INCLUDED THROUGH DIGITAL INTERFACE
- EC MONITOR CONDENSING FANS
- ELECTRONIC EXPANSION VALVE. TXV NOT ACCEPTABLE
- SUCTION LINE ACCUMULATOR
- FACTORY COMMISSIONING WITH 5 YEAR PARTS WARRANTY, 25 YEAR WARRANTY ON STAINLESS STEEL HEAT EXCHANGER
- AVERAGING INTAKE, EVAP AND DISCHARGE TEMPERATURE SENSORS (DISCHARGE SENSOR TO BE FACTORY MOUNTED WITHIN UNIT)
- 1" EXTERIOR DUAL-WALL CONSTRUCTION WITH R-4.3 INSULATION-MINIMUM 24GA EXTERIOR WITH 18GA BASE
- 81% EFFICIENT FURNACE WITH MODULATING INDUCER TO MAINTAIN CONSTANT COMBUSTION EFFICIENCY ACROSS FIRING RANGE.
- SUPPLY CFM MONITORING INTEGRAL TO UNIT WITH CFM MEASUREMENT INCLUDED THROUGH DIGITAL INTERFACE
- FULLY MODULATING HOT GAS REHEAT
- HAIL GUARD FOR CONDENSING COIL
- SIDE DISCHARGE / SIDE RETURN
- POWERED CONVENIENCE OUTLET (GFCI).

EXHAUST FAN SCHEDULE

TAG	EQUIPMENT TYPE	MANUFACTURER (OR EQUAL)	MODEL (OR EQUAL)	FLOW		ELECTRICAL			PHYSICAL		NOTES
				CFM	S.P.	VOLT/PH	MCA	OCF	DIM.	WEIGHT	
EF-1	ROOF MOUNT EXHAUST FAN	S & P	SDB-8	450	3/8"	120	6	15	25"x30"	115	1,2
EF-2	SIDEWALL EXHAUST FAN	S & P	CWD-12	610	3/8"	120	6	15	30"x16"	50	1,2

NOTES:

- WITH BACKDRAFT DAMPER
- WITH SPEED CONTROLLER

DIFFUSER NECK SIZING SCHEDULE

AIRFLOW (CFM)	NECK SIZE (in)
0 - 120	6"
120 - 210	8"
210 - 325	10"
325 - 470	12"
470 - 640	14"

DEHUMIDIFIER SCHEDULE

TAG	EQUIPMENT TYPE	MANUFACTURER (OR EQUAL)	MODEL (OR EQUAL)	FLOW		CAPACITY (PINTS/DAY)	ELECTRICAL			PHYSICAL		NOTES
				CFM	S.P.		VOLT/PH	MCA	OCF	DIM.	WEIGHT	
DH-1.1	STAND-ALONE DEHUMIDIFIER	APRILAIRE	E130	310	0	130	120 / 1	8.3	15	18.75x19.5Wx30D	98	1,2,3
DH-1.2	STAND-ALONE DEHUMIDIFIER	APRILAIRE	E130	310	0	130	120 / 1	8.3	15	18.75x19.5Wx30D	98	1,2,3
DH-1.3	STAND-ALONE DEHUMIDIFIER	APRILAIRE	E130	310	0	130	120 / 1	8.3	15	18.75x19.5Wx30D	98	1,2,3
DH-1.4	STAND-ALONE DEHUMIDIFIER	APRILAIRE	E130	310	0	130	120 / 1	8.3	15	18.75x19.5Wx30D	98	1,2,3
DH-1.5	STAND-ALONE DEHUMIDIFIER	APRILAIRE	E130	310	0	130	120 / 1	8.3	15	18.75x19.5Wx30D	98	1,2

NOTES:

- WITH BACKDRAFT DAMPER.
- WITH WIRED HUMIDISTAT.
- WITH HANGING KIT.

AIR DEVICE SCHEDULE

TAG	SERVICE	MANUFACTURER (OR EQUAL)	MODEL (OR EQUAL)	SIZE	COLOR / FINISH	NOTES
E1	EXHAUST	PRICE	530	AS INDICATED	WHITE	1,2,3
E2	EXHAUST	PRICE	80	AS INDICATED	WHITE	1,3
L1	OA	POTTORFF	EPD	AS INDICATED	PRIMED	1,4
L2	TRANSFER	NAILOR	61DGD-FR	AS INDICATED	WHITE	1
R1	RETURN	PRICE	80	AS INDICATED	WHITE	1
R2	RETURN	PRICE	530	AS INDICATED	WHITE	1
S1	SUPPLY	PRICE	SPD	24x24	WHITE	1,3
S2	SUPPLY	PRICE	520	12x6	WHITE	1,2,3
S3	SUPPLY	PRICE	520	12x4	WHITE	1,2,3
T1	TRANSFER	PRICE	80	AS INDICATED	WHITE	1

NOTES:

- VERIFY AIR DEVICE FINISHES WITH OWNER/ARCHITECT PRIOR TO INSTALLATION
- WITH OPPOSED BLADE DAMPER
- SEE PLANS FOR AIRFLOW
- PAINT TO MATCH EXTERIOR OR COLOR MATCH FROM FACTORY

RTU SCHEDULE

TAG	EQUIPMENT DESCRIPTION	SIZE (TONS)	ORIENTATION	TOTAL AIRFLOW (CFM)	E.S.P. (in. H2O)	OA AIRFLOW MAX / MIN (CFM)	GAS HEATING		COOLING (IA: 80 DB/67 WB, OA: 95 DB)			ELECTRICAL			NOTES
							INPUT (KBTU)	OUTPUT (KBTU)	SENSIBLE (KBTU)	TOTAL (KBTU)	EFFICIENCY	VOLTS / PHASE	MCA	OCF	
RTU-1	ROOF TOP UNIT	3	DOWN FLOW	1200	1	100	80	64	28.21	38	13.4 SEER2	208/3	25	35	1,2,3,4,5,6
RTU-2	ROOF TOP UNIT	3	DOWN FLOW	1200	1	100	80	64	28.21	38	13.4 SEER2	208/3	25	35	1,2,3,4,6
RTU-3	ROOF TOP UNIT	7.5	SIDE DISCHARGE	3000	1	250	150	121.5	73	93.6	14.6 IEER	208/3	43	50	1,2,3,5,6,7
RTU-4	ROOF TOP UNIT	12.5	SIDE DISCHARGE	5000	1	225 / 680	249	194.4	114.2	149.7	14.0 IEER	208/3	67	90	1,2,3,4,5,6,7,8
RTU-5	ROOF TOP UNIT	15	SIDE DISCHARGE	6000	1	405 / 620	320	259.2	144.8	186.8	14.0 IEER	208/3	79	110	1,2,3,5,6,7,8

NOTES:

- PROVIDE AND INSTALL 7 DAY PROGRAMABLE HONEYWELL THERMOSTAT. COORDINATE EXACT MOUNTING LOCATION WITH OWNER.
- WITH FACTORY HAIL GUARD.
- WITH FACTORY INSTALLED DISCONNECT.
- ECONOMIZER (WITH EITHER BAROMETRIC RELIEF SIZED AT 100% OF FLOW AT 1/10" RETURN DUCT STATIC PRESSURE, OR POWERED EXHAUST); CONTROL TO BE ADJUSTABLE FIXED POINT SET AT 65°F. ECONOMIZER TO BE IECC COMPLIANT WITH FAULT DETECTION AND NOTIFICATION.
- WITH UNPOWERED WEATHERPROOF GFCI RECEPTACLE.
- WITH HOT GAS REHEAT/DEHUMIDIFICATION OPTION.
- WITH SMOKE DETECTOR IN RETURN AIR DUCT TO SHUT DOWN UNIT AND SEND SIGNAL TO BUILDING FIRE ALARM SYSTEM UPON DETECTION OF SMOKE. IF NO BUILDING FIRE ALARM SYSTEM IS PRESENT, PROVIDE ALARM DEVICE IN OCCUPIED AREA.
- PROVIDE CO2 SENSOR MODULATE BETWEEN MAX AND MIN OA AMOUNTS INDICATED.

FURNACE & AC SCHEDULE

TAG	EQUIPMENT DESCRIPTION	SIZE (TONS)	ORIENTATION	TOTAL AIRFLOW (CFM)	E.S.P. (in. H2O)	OA AIRFLOW MAX / MIN (CFM)	HEATING		COOLING (IA: 80 DB/67 WB, OA: 95 DB)			ELECTRICAL			NOTES
							GAS INPUT (KBTU)	MIN. A.FUE EFF. (%)	SENSIBLE (KBTU)	TOTAL (KBTU)	EFF. (SEER2)	VOLTS/PH	MCA	OCF	
F-1	FURNACE	1.5	UP FLOW	600	0.5	SEE NOTES	40	90	-	-	-	120	10	20	1,5
CU-1	CONDENSING UNIT	1.5	-	-	-	-	-	-	13	18.3	13.4	208/1	9	20	3
F-2	FURNACE	2.5	UP FLOW	1000	0.5	115	80	81	-	-	-	120	10	20	1,4
CU-2	CONDENSING UNIT	2.5	-	-	-	-	-	-	21.9	31.5	13.4	208/1	17	25	3
F-3	FURNACE	3.5	UP FLOW	1400	0.5	150	80	81	-	-	-	120	10	20	1,4
CU-3	CONDENSING UNIT	3.5	-	-	-	-	-	-	31.2	41.5	13.4	208/1	21	30	3
F-4	FURNACE	1.5	UP FLOW	600	0.5	SEE NOTES	40	90	-	-	-	120	10	20	1,2,5
CU-4	CONDENSING UNIT	1.5	-	-	-	-	-	-	13	18.3	13.4	208/1	9	20	3
F-5	FURNACE	3.5	UP FLOW	1225	0.5	145	80	90	-	-	-	120	10	20	1,4
CU-5	CONDENSING UNIT	3.5	-	-	-	-	-	-	31.2	41.5	13.4	208/1	21	30	3

NOTES:

- PROVIDE AND INSTALL 7 DAY PROGRAMABLE HONEYWELL THERMOSTAT. COORDINATE EXACT MOUNTING LOCATION WITH OWNER.
- WITH CONDENSATE PUMP EQUAL TO LITTLE GIANT #VCMA-20.
- WITH FACTORY HAIL GUARD.
- WITH LOW LEAKAGE MOTORIZED OUTSIDE AIR DAMPER, DAMPER TO OPEN DURING OCCUPIED HOURS AND CLOSE DURING UNOCCUPIED HOURS THRU THERMOSTAT SCHEDULE.
- REQUIRED OUTSIDE AIRFLOW SHALL BE DELIVERED THROUGH DOAS UNIT. SEE HVAC PLANS FOR FURTHER DETAILS.

MINI-SPLIT SYSTEM SCHEDULE

TAG	EQUIPMENT DESCRIPTION	MANUFACTURER (OR EQUAL)	MODEL NUMBER (OR EQUAL)	SIZE (TONS)	ORIENTATION	TOTAL AIRFLOW (CFM)	HEATING (IA: 70 DB, OA: 0 DB)		COOLING (IA: 80 DB/67 WB, OA: 95 DB)			ELECTRICAL			NOTES
							TOTAL (KBTU)	MIN EFF. (SEER2)	SENSIBLE (KBTU)	TOTAL (KBTU)	MIN EFF. (SEER2)	VOLTS/PH	MCA	OCF	
WU-1	WALL HUNG FAN COIL	MITSUBISHI	MSZ-FX12NL	1.0	WALL MOUNTED	400	14.5	14.2	16.1	29.9	-	-	-	-	1
HP-1	HEAT PUMP	MITSUBISHI	MUZ-FX12NLHZ	1.0	-	-	14.5	14.2	16.1	29.9	208 / 1	14	15	2,3	

NOTES:

- PROVIDE AND INSTALL 7 DAY PROGRAMABLE WIRED REMOTE CONTROLLER. COORDINATE EXACT MOUNTING LOCATION WITH OWNER.
- WITH HAIL GUARD.
- WITH WALL MOUNT BRACKET

PTAC SCHEDULE

TAG	EQUIPMENT DESCRIPTION	MANUFACTURER (OR EQUAL)	MODEL NUMBER (OR EQUAL)	SIZE (TONS)	TOTAL AIRFLOW (CFM)	OA AIRFLOW (CFM)	HEATING (OA: 37 DB)		COOLING (IA: 72 DB, OA: 95 DB)			ELECTRICAL			NOTES
							TOTAL (KBTU)	MIN EFF. (EFR)	SENSIBLE (KBTU)	TOTAL (KBTU)	MIN EFF. (EFR)	VOLTS/PH	MCA	OCF	
PTAC-1	PACKAGE TERMINAL UNIT	FRIEDRICH	PDH15KSSGR3	1.25	341	0	11.1 + 5 KW ELECTRIC	9.9	14.2	10.4	208/1	28	30-2	1,2	

NOTES:

- PROVIDE AND INSTALL 7 DAY PROGRAMABLE WIRED REMOTE CONTROLLER. COORDINATE EXACT MOUNTING LOCATION WITH OWNER.
- WITH WALL SLEEVE, ARCHITECTURAL GRILLE AND DRAIN KIT



Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407

www.soa-inc.com

Simon Oswald Associates, Inc.

Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squareeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE:
DRAWN BY: RXM
CHECKED BY: JAP
DESIGNED BY: KEL

SHEET TITLE:

**ELECTRICAL
DEMO PLAN -
FIRST FLOOR**

SHEET NUMBER:

E-101

37 of 53 SHEETS
APRIL 7, 2026

ELECTRICAL DEMO PLAN SYMBOL LEGEND

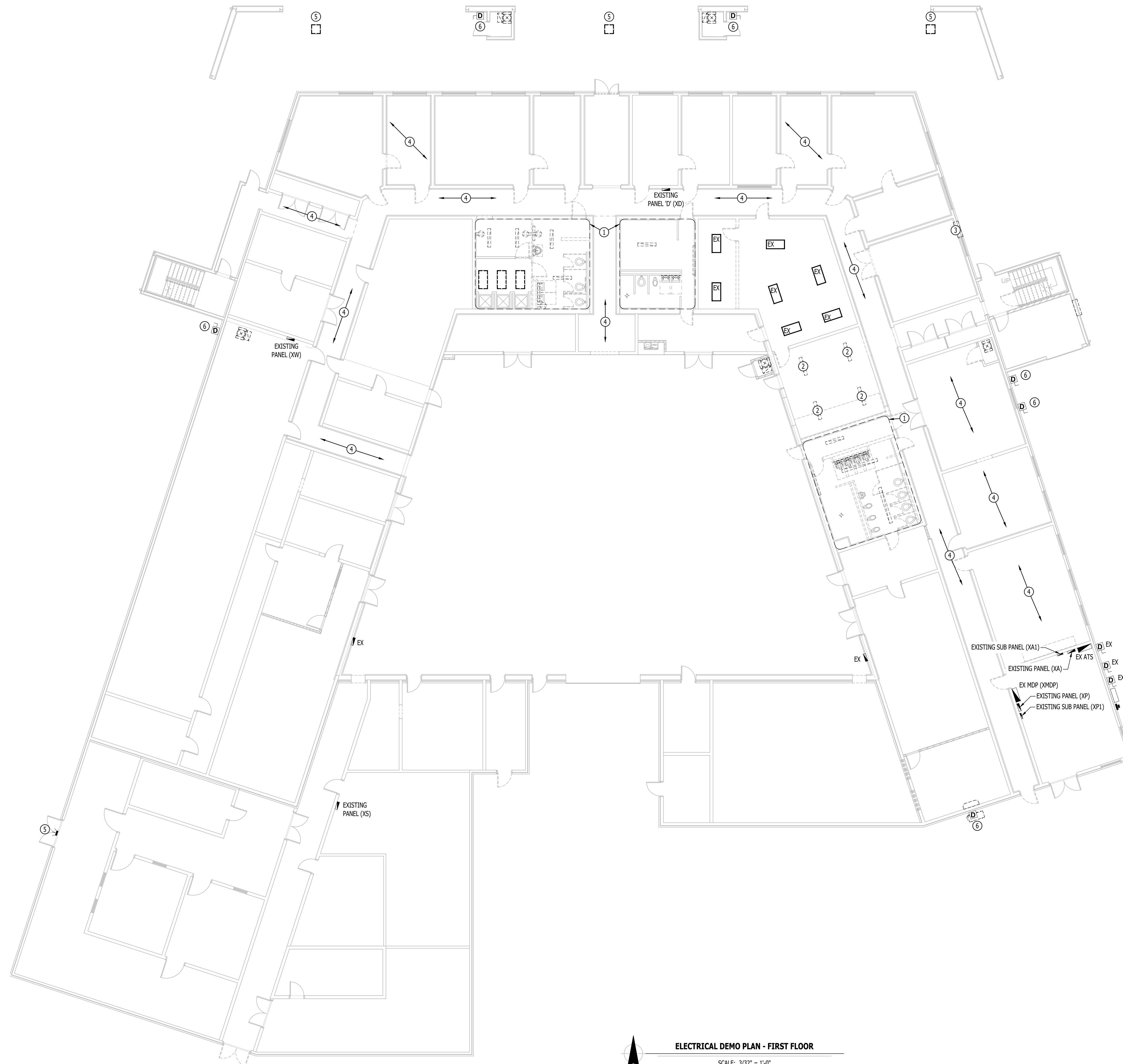
- J JUNCTION BOX
- XX(42) RECEPTACLE
INDICATES MOUNTING HEIGHT TO BOTTOM OF BOX
(STANDARD @ 18" AFF UNLESS NOTED OTHERWISE)
- "WP" = WEATHERPROOF OUTDOOR RECEPTACLE
- "AW" = ABOVE WINDOW RECEPTACLE
- "AC" = ABOVE CEILING RECEPTACLE
- "EX" = EXISTING RECEPTACLE TO REMAIN
- GFCI DUPLEX CONVENIENCE RECEPTACLE
- D DISCONNECT
- DEMOLISHED RECEPTACLE
- DEMOLISHED LIGHTING FIXTURE
- EXISTING LIGHTING FIXTURE

ELECTRICAL DEMO PLAN GENERAL NOTES:

1. REFER TO SHEETS E-501 & E-601 FOR ADDITIONAL ELECTRICAL NOTES, DETAILS, REQUIREMENTS, AND SCHEDULES.
2. ELECTRICAL CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND COORDINATE LOCATION OF ALL ELECTRICAL EQUIPMENT, WIRING, HANGERS / SUPPORTS, ETC. WITH HVAC AND PLUMBING TRADES BEFORE INSTALLATION OF ANY MATERIAL. ADDITIONAL COSTS ASSOCIATED WITH LACK OF COORDINATION WILL NOT BE REIMBURSED.
3. ANY EXISTING ELECTRICAL EQUIPMENT, CIRCUITS, ETC. SHOWN IS FOR REFERENCE ONLY. ELECTRICAL CONTRACTOR TO FIELD VERIFY EXACT EQUIPMENT LOCATIONS, CONDITIONS, ETC. PRIOR TO BEGINNING WORK AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

ELECTRICAL DEMO PLAN KEY NOTES:

- 1 DEMOLISH EXISTING LIGHTING, RECEPTACLES, AND ELECTRIC HEATER IN THIS AREA. DEMOLISH ASSOCIATED CONDUIT AND CONDUCTORS BACK TO NEAREST J-BOX. PREPARE TO REUSE EXISTING CIRCUITS FOR NEW LIGHTING AND RECEPTACLES. SEE POWER AND LIGHTING PLANS FOR FURTHER DETAILS.
- 2 REMOVE EXISTING LIGHT FIXTURE AND DEMOLISH ASSOCIATED CONDUIT AND CONDUCTORS BACK TO NEAREST J-BOX. PREPARE TO REUSE EXISTING CIRCUITS FOR NEW LIGHTING. SEE LIGHTING PLANS FOR FURTHER DETAILS.
- 3 DEMOLISH CONDUIT AND CONDUCTORS CONNECTED TO DEMOLISHED PTAC UNIT BACK TO NEAREST J-BOX.
- 4 CONTRACTOR TO TEMPORARILY SUSPEND EXISTING FIXTURES IN PLACE DURING NEW CEILING CONSTRUCTION. REINSTALL FIXTURES WHEN CEILING IS INSTALLED.
- 5 DEMOLISH LIGHT FIXTURE AND PREPARE EXISTING CIRCUIT FOR NEW LIGHT FIXTURE CONNECTION. SEE LIGHTING PLANS FOR FURTHER INFORMATION.
- 6 DEMOLISH EXISTING DISCONNECT & PROVIDE NEW DISCONNECT FOR NEW HVAC UNIT. SEE POWER PLANS FOR FURTHER INFORMATION.



ELECTRICAL DEMO PLAN - FIRST FLOOR

SCALE: 3/32" = 1'-0"

ELECTRICAL DEMO PLAN SYMBOL LEGEND

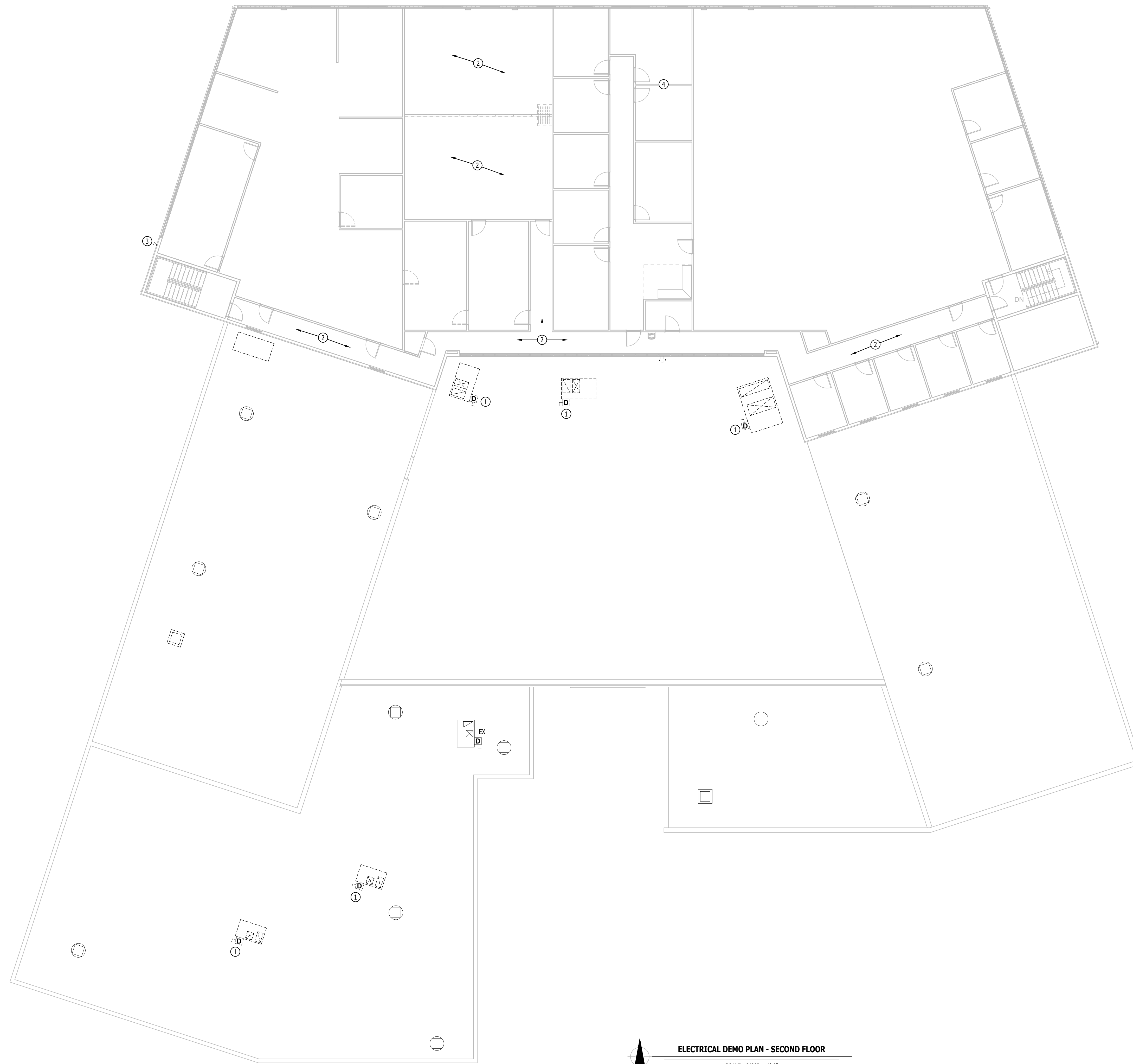
- Ⓝ JUNCTION BOX
- XXⓃ+42 RECEPTACLE
INDICATES MOUNTING HEIGHT TO BOTTOM OF BOX
(STANDARD @ 18" AFF UNLESS NOTED OTHERWISE)
- "WP" = WEATHERPROOF OUTDOOR RECEPTACLE
- "AW" = ABOVE WINDOW RECEPTACLE
- "AC" = ABOVE CEILING RECEPTACLE
- "EX" = EXISTING RECEPTACLE TO REMAIN
- Ⓛ GFCI DUPLEX CONVENIENCE RECEPTACLE
- Ⓛ DISCONNECT
- Ⓛ DEMOLISHED RECEPTACLE
- Ⓛ DEMOLISHED LIGHTING FIXTURE
- Ⓛ EXISTING LIGHTING FIXTURE

ELECTRICAL DEMO PLAN GENERAL NOTES:

1. REFER TO SHEETS E-501 & E-601 FOR ADDITIONAL ELECTRICAL NOTES, DETAILS, REQUIREMENTS, AND SCHEDULES.
2. ELECTRICAL CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND COORDINATE LOCATION OF ALL ELECTRICAL EQUIPMENT, WIRING, HANGERS / SUPPORTS, ETC. WITH HVAC AND PLUMBING TRADES BEFORE INSTALLATION OF ANY MATERIAL. ADDITIONAL COSTS ASSOCIATED WITH LACK OF COORDINATION WILL NOT BE REIMBURSED.
3. ANY EXISTING ELECTRICAL EQUIPMENT, CIRCUITS, ETC. SHOWN IS FOR REFERENCE ONLY. ELECTRICAL CONTRACTOR TO FIELD VERIFY EXACT EQUIPMENT LOCATIONS, CONDITIONS, ETC. PRIOR TO BEGINNING WORK AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

ELECTRICAL DEMO PLAN KEY NOTES:

- ① DEMOLISH DISCONNECT ASSOCIATED WITH DEMOLISHED RTU. PREPARE FOR NEW RTU CONNECTION.
- ② CONTRACTOR TO TEMPORARILY SUSPEND EXISTING FIXTURES IN PLACE WHILE CEILING IS TEMPORARILY REMOVED. REINSTALL FIXTURES WHEN CEILING IS REINSTALLED.
- ③ DEMOLISH EXISTING LIGHT FIXTURE. PREPARE FOR NEW FIXTURE. SEE LIGHTING PLAN FOR FURTHER INFORMATION.
- ④ ALTERNATE 3: DEMOLISH EXISTING POWER AND DATA RECEPTACLES IN WALL TO BE DEMOLISHED. OTHER RECEPTACLES ON EXISTING CIRCUIT SHALL BE FULLY OPERATIONAL WHEN DEMOLITION IS COMPLETED.



ELECTRICAL DEMO PLAN - SECOND FLOOR
 SCALE: 3/32" = 1'-0"

**STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR**



Keaton E. Leisinger, P.E.
 PE-2021035875
 MO Certificate of Authority # 2018029680
PROFESSIONAL SEAL



SOA
ARCHITECTURE
 Architecture
 Interior Design
 Planning
 Sustainability
 2801 Woodard Drive, Suite 103
 Columbia, MO 65202
 573.443.1407
www.soa-inc.com
 Simon Oswald Associates, Inc.
 Missouri Certificate of
 Authority Number: 000826

CIVIL ENGINEER:
 601 MONROE STREET, SUITE 201
 JEFFERSON CITY, MO 65101-3180
 PH: 573-634-3181
 www.bartlettwest.com

MEP ENGINEER:
 2400 Bluff Creek Drive, Suite 101
 Columbia, Missouri 65201
 573.234.4492
 www.j-squareheng.com

**OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION**

**DEPARTMENT OF MISSOURI
NATIONAL GUARD**

**JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR**

**801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI**

PROJECT # T2505-01
 SITE # 6292
 ASSET # 8136292001

REVISION	DATE

CAD DWG FILE: _____
 DRAWN BY: RXM _____
 CHECKED BY: JAP _____
 DESIGNED BY: KEL _____

SHEET TITLE:
**ELECTRICAL
DEMO PLAN -
SECOND FLOOR**

SHEET NUMBER:
E-102
 38 of 53 SHEETS
 APRIL 7, 2026



Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680
PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407

www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squareeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE:
DRAWN BY: RXM
CHECKED BY: JAP
DESIGNED BY: KEL

SHEET TITLE:

**POWER PLAN -
FIRST FLOOR**

SHEET NUMBER:

E-103

39 of 53 SHEETS
APRIL 7, 2026

POWER PLAN SYMBOL LEGEND

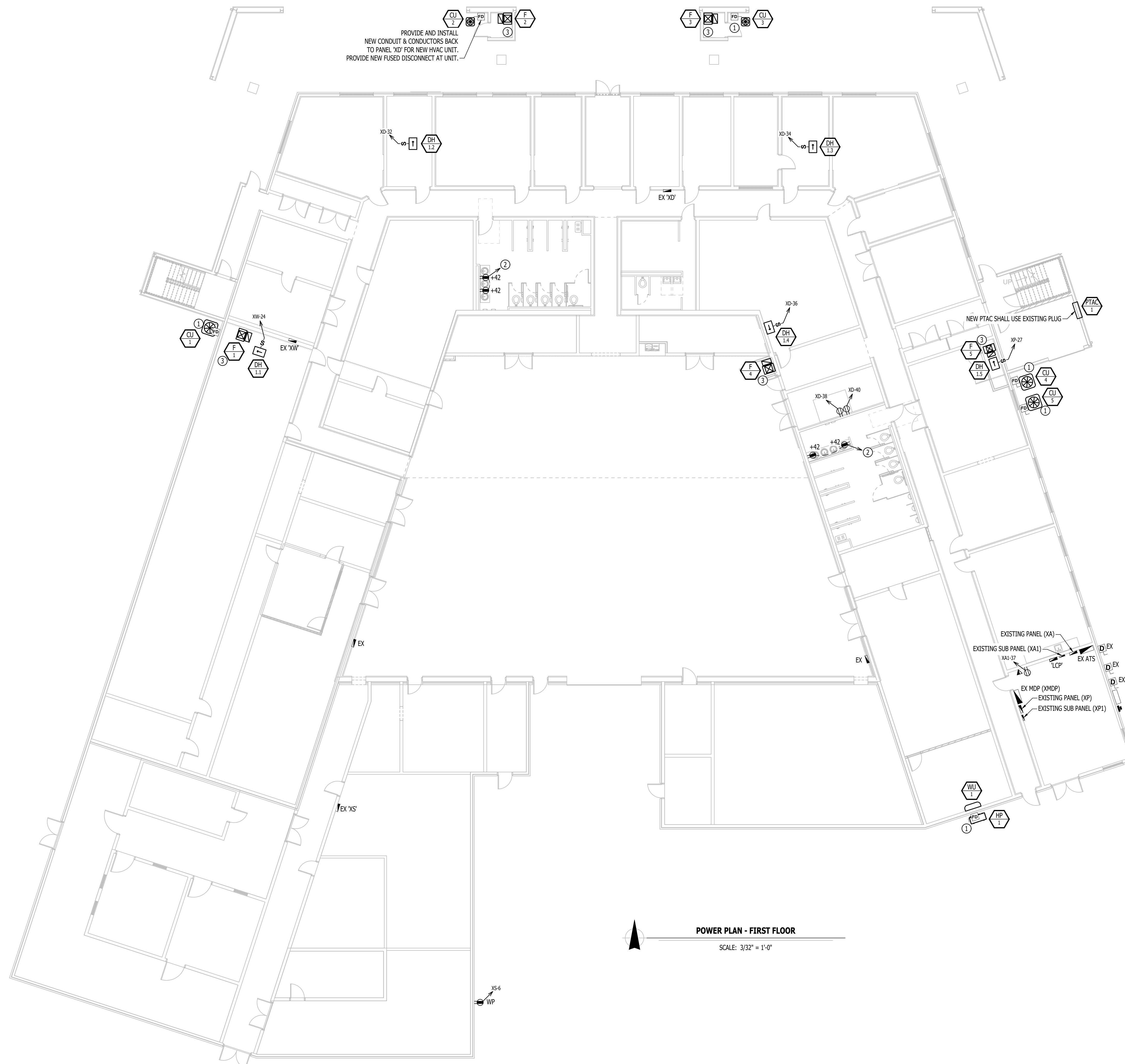
- - - CIRCUIT WIRING
- PX-XX CIRCUIT TAG
- Ⓝ JUNCTION BOX
- XXⓃ42 RECEPTACLE
INDICATES MOUNTING HEIGHT TO BOTTOM OF BOX
(STANDARD @ 18" AFF UNLESS NOTED OTHERWISE)
- "WP" = WEATHERPROOF OUTDOOR RECEPTACLE
- "AW" = ABOVE WINDOW RECEPTACLE
- "AC" = ABOVE CEILING RECEPTACLE
- "EX" = EXISTING RECEPTACLE TO REMAIN
- Ⓝ GFCI DUPLEX CONVENIENCE RECEPTACLE
- Ⓝ 208V RECEPTACLE
- Ⓝ QUADPLEX CONVENIENCE RECEPTACLE
- Ⓝ DISCONNECT
- Ⓝ FUSED DISCONNECT

POWER PLAN GENERAL NOTES:

- REFER TO SHEETS E-501 & E-601 FOR ADDITIONAL ELECTRICAL NOTES, DETAILS, REQUIREMENTS, AND SCHEDULES.
- ELECTRICAL CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND COORDINATE LOCATION OF ALL ELECTRICAL EQUIPMENT, WIRING, HANGERS / SUPPORTS, ETC. WITH HVAC AND PLUMBING TRADES BEFORE INSTALLATION OF ANY MATERIAL. ADDITIONAL COSTS ASSOCIATED WITH LACK OF COORDINATION WILL NOT BE REIMBURSED.
- ANY EXISTING ELECTRICAL EQUIPMENT, CIRCUITS, ETC. SHOWN IS FOR REFERENCE ONLY. ELECTRICAL CONTRACTOR TO FIELD VERIFY EXACT EQUIPMENT LOCATIONS, CONDITIONS, ETC. PRIOR TO BEGINNING WORK AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

POWER PLAN KEY NOTES:

- PROVIDE NEW FUSED DISCONNECT & RECONNECT EXISTING HVAC CIRCUIT/CONDUCTORS. COORDINATE FUSE SIZE WITH HVAC CONTRACTOR.
- RECONNECT TO EXISTING RECEPTACLE CIRCUIT IN THIS AREA.
- CONNECT NEW FURNACE TO EXISTING FURNACE CIRCUIT IN THIS AREA.



POWER PLAN - FIRST FLOOR

SCALE: 3/32" = 1'-0"



Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680
PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squareeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE:
DRAWN BY: RXM
CHECKED BY: JAP
DESIGNED BY: KEL

SHEET TITLE:

**POWER PLAN -
SECOND FLOOR**

SHEET NUMBER:

E-104

40 of 53 SHEETS
APRIL 7, 2026

POWER PLAN SYMBOL LEGEND

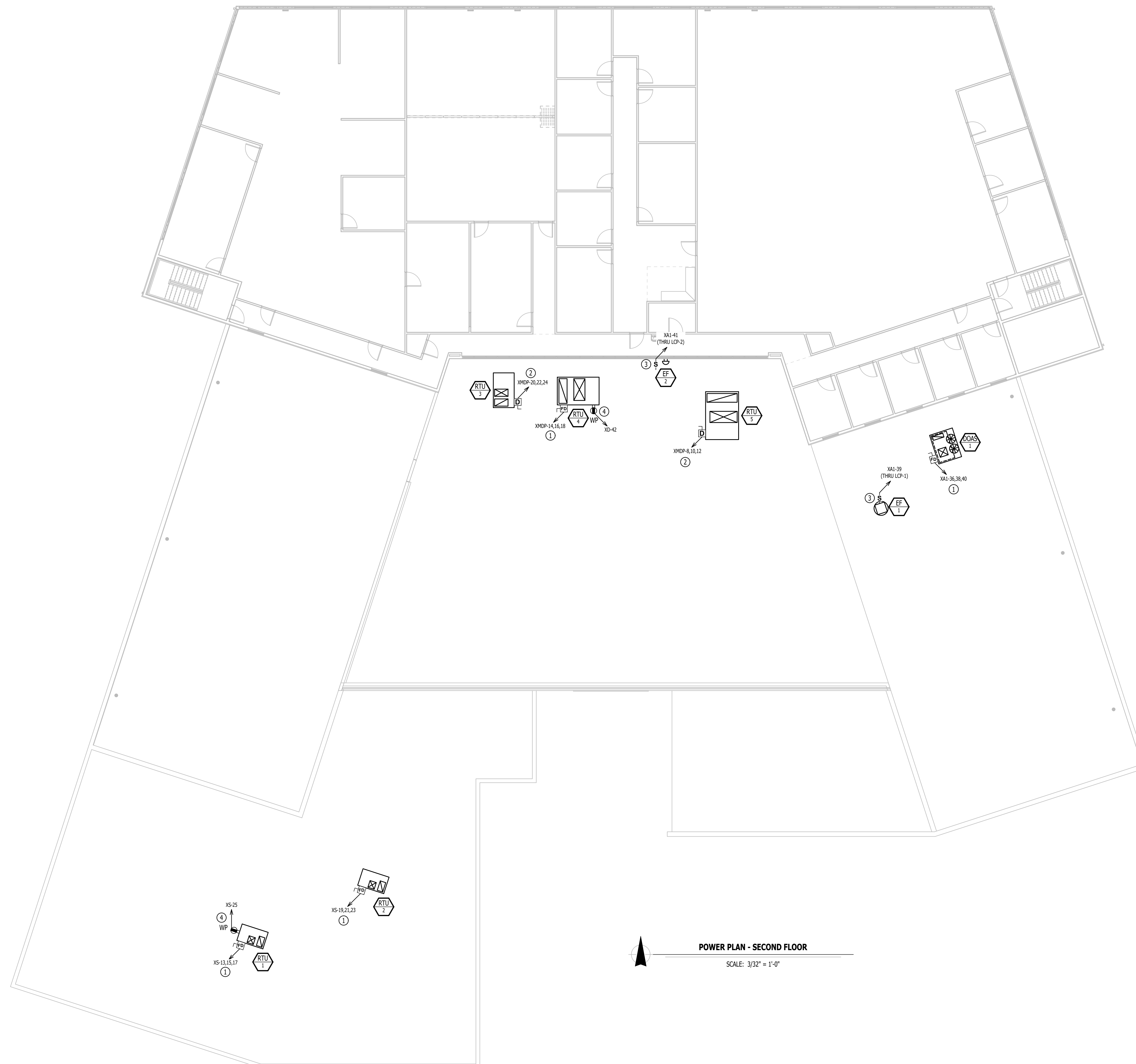
- CIRCUIT WIRING
- CIRCUIT TAG
- JUNCTION BOX
- RECEPTACLE
INDICATES MOUNTING HEIGHT TO BOTTOM OF BOX
(STANDARD @ 18" AFF UNLESS NOTED OTHERWISE)
- "WP" = WEATHERPROOF OUTDOOR RECEPTACLE
- "AW" = ABOVE WINDOW RECEPTACLE
- "AC" = ABOVE CEILING RECEPTACLE
- "EX" = EXISTING RECEPTACLE TO REMAIN
- GFCI DUPLEX CONVENIENCE RECEPTACLE
- 208V RECEPTACLE
- QUADPLEX CONVENIENCE RECEPTACLE
- DISCONNECT
- FUSED DISCONNECT

POWER PLAN GENERAL NOTES:

1. REFER TO SHEETS E-501 & E-601 FOR ADDITIONAL ELECTRICAL NOTES, DETAILS, REQUIREMENTS, AND SCHEDULES.
2. ELECTRICAL CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND COORDINATE LOCATION OF ALL ELECTRICAL EQUIPMENT, WIRING, HANGERS / SUPPORTS, ETC. WITH HVAC AND PLUMBING TRADES BEFORE INSTALLATION OF ANY MATERIAL. ADDITIONAL COSTS ASSOCIATED WITH LACK OF COORDINATION WILL NOT BE REIMBURSED.
3. ANY EXISTING ELECTRICAL EQUIPMENT, CIRCUITS, ETC. SHOWN IS FOR REFERENCE ONLY. ELECTRICAL CONTRACTOR TO FIELD VERIFY EXACT EQUIPMENT LOCATIONS, CONDITIONS, ETC. PRIOR TO BEGINNING WORK AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

POWER PLAN KEY NOTES:

- ① PROVIDE NEW CONDUIT, CONDUCTORS, AND FUSED DISCONNECT FOR NEW RTU. COORDINATE FUSE SIZE WITH HVAC CONTRACTOR.
- ② PROVIDE NEW DISCONNECT FOR NEW RTU. FIELD VERIFY EXISTING CONDUIT & CONDUCTORS AND EXTEND TO NEW LOCATION. IF REQUIRED, PROVIDE NEW FUSED DISCONNECT, CONDUIT AND CONDUCTORS BACK TO EXISTING PANEL CONNECTION. COORDINATE FUSE SIZE WITH HVAC CONTRACTOR.
- ③ PROVIDE NEW SWITCH WITH WEATHER PROOF COVER FOR UNIT MAINTENANCE. RECONNECT TO EXISTING CIRCUIT. EXHAUST FAN CONTROL SHALL BE THROUGH LIGHTING CONTROL PANEL 'LCP'. SEE LIGHTING CONTROL PANEL SCHEDULE FOR RELAY & SCHEDULE INFORMATION.
- ④ RECEPTACLE PROVIDED BY RTU MANUFACTURER. POWERED BY ELECTRICAL CONTRACTOR.



POWER PLAN - SECOND FLOOR

SCALE: 3/32" = 1'-0"

LIGHTING PLAN SYMBOL LEGEND

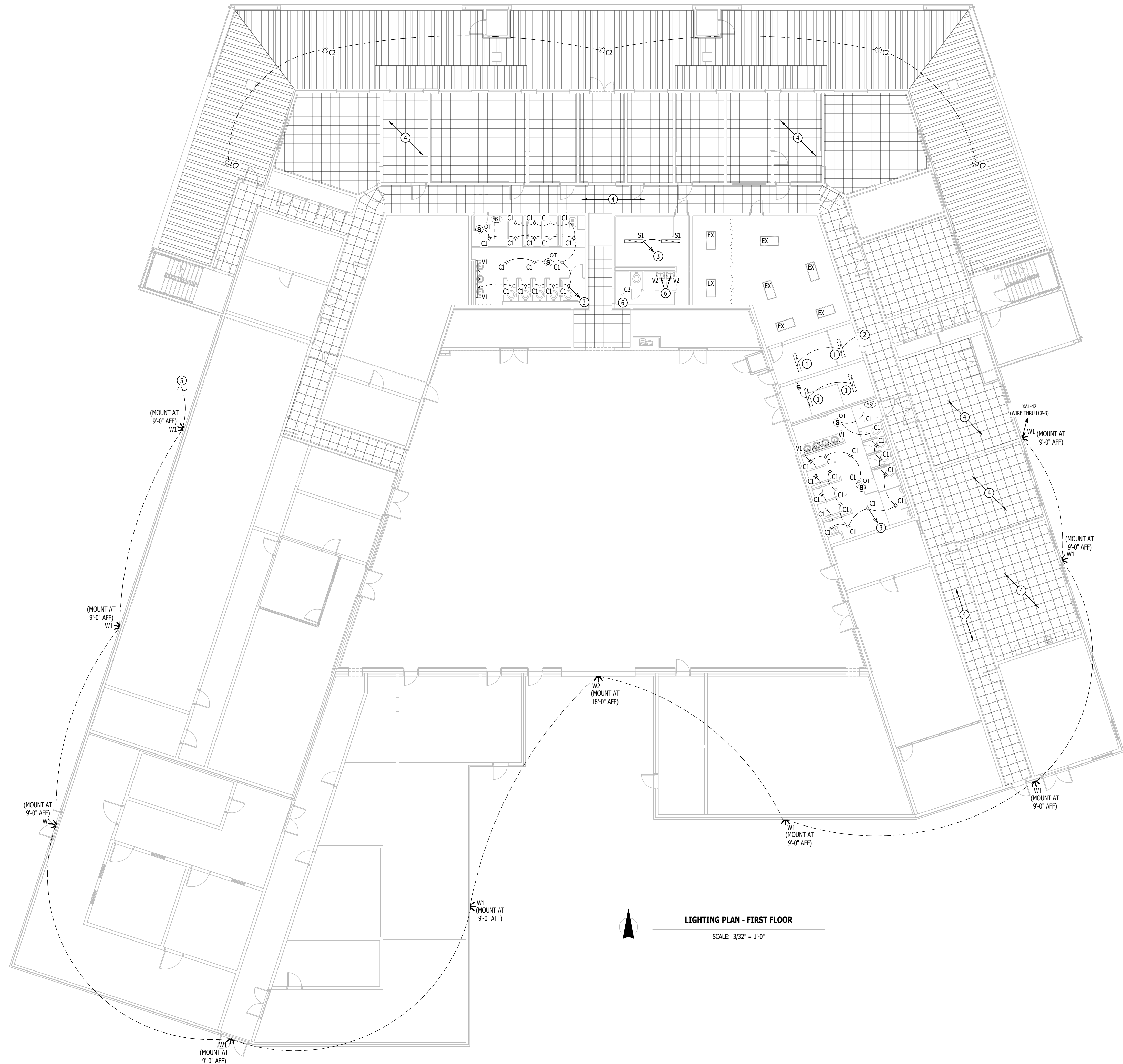
- X1 — "X1" INDICATES FIXTURE TYPE (REFER TO SCHEDULE)
- — LIGHTING FIXTURE
- EM — "EM" INDICATES EMERGENCY BATTERY BACKUP
- NL — "NL" INDICATES UN-SWITCHED NIGHT LIGHT
- EXIT LIGHT
- INDICATES REQUIRED REMOTE HEAD
- EMERGENCY EGRESS LIGHT
- SWITCH (WALL MOUNTED)
- SWITCH TYPE:
 - 3 = 3-WAY
 - 4 = 4-WAY
 - OP = PASSIVE INFRARED OCCUPANCY SENSOR
 - OU = ULTRASONIC OCCUPANCY SENSOR
 - OT = DUAL-TECHNOLOGY OCCUPANCY SENSOR
 - VP = PASSIVE INFRARED VACANCY SENSOR
 - VU = ULTRASONIC VACANCY SENSOR
 - VT = DUAL-TECHNOLOGY VACANCY SENSOR
 - M = MOMENTARY SWITCH
 - SS = SCENE SWITCH
- DIMMER SWITCH (WALL MOUNTED)
- SWITCH TYPE:
 - SEE "SWITCH (WALL MOUNTED)" FOR TYPE DESIGNATIONS
- SWITCH (CEILING MOUNTED)
- SWITCH TYPE:
 - SEE "SWITCH (WALL MOUNTED)" FOR TYPE DESIGNATIONS

LIGHTING PLAN GENERAL NOTES:

1. REFER TO SHEETS E-501 & E-601 FOR ADDITIONAL LIGHTING NOTES, DETAILS, REQUIREMENTS, AND SCHEDULES.
2. OCCUPANCY/VACANCY SENSOR QUANTITIES AND GENERAL LOCATIONS SHOWN FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE & INSTALL SENSOR WITH SPACING PER MANUFACTURER'S SPECIFICATIONS AND INCLUDE ADDITIONAL SENSORS IF NECESSARY. CEILING-MOUNTED SENSORS SHALL BE INSTALLED WITHIN MANUFACTURER'S ACCEPTABLE MOUNTING HEIGHT RANGE.
3. ELECTRICAL CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND COORDINATE LOCATION OF ALL FIXTURES, WIRING, HANGERS / SUPPORTS, ETC. WITH HVAC AND PLUMBING TRADES BEFORE INSTALLATION OF ANY MATERIAL. ADDITIONAL COSTS ASSOCIATED WITH LACK OF COORDINATION WILL NOT BE REIMBURSED.
4. ANY EXISTING LIGHT FIXTURES, CIRCUITS, OR CONTROLS SHOWN ARE FOR REFERENCE ONLY. ELECTRICAL CONTRACTOR TO FIELD VERIFY EXACT LIGHT FIXTURE AND CIRCUIT/CONTROL LOCATIONS, CONDITIONS, ETC. PRIOR TO BEGINNING WORK AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

LIGHTING PLAN KEY NOTES:

- 1 REINSTALL EXISTING LIGHT FIXTURE. CONNECT TO NEW CONTROLS AS SHOWN ON PLANS.
- 2 CONNECT LIGHT FIXTURES TO HALLWAY CIRCUIT & CONDUCTORS.
- 3 RECONNECT TO EXISTING LIGHTING CIRCUIT IN THIS AREA.
- 4 REINSTALL EXISTING LIGHTING FIXTURES IN NEW CEILING.
- 5 EXTERIOR LIGHTING CIRCUIT SHALL CONTINUE TO SECOND FLOOR. SEE SECOND FLOOR LIGHTING PLAN FOR DETAILS.
- 6 LIGHT FIXTURE SHALL REPLACE EXISTING FIXTURE ONE FOR ONE.



Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680
PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squareeng.com

**OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION**

**DEPARTMENT OF MISSOURI
NATIONAL GUARD**

**JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR**

**801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI**

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE: _____
DRAWN BY: RXM _____
CHECKED BY: JAP _____
DESIGNED BY: KEL _____

SHEET TITLE:

**LIGHTING PLAN -
FIRST FLOOR**

SHEET NUMBER:

E-105

41 of 53 SHEETS
APRIL 7, 2026

LIGHTING PLAN SYMBOL LEGEND

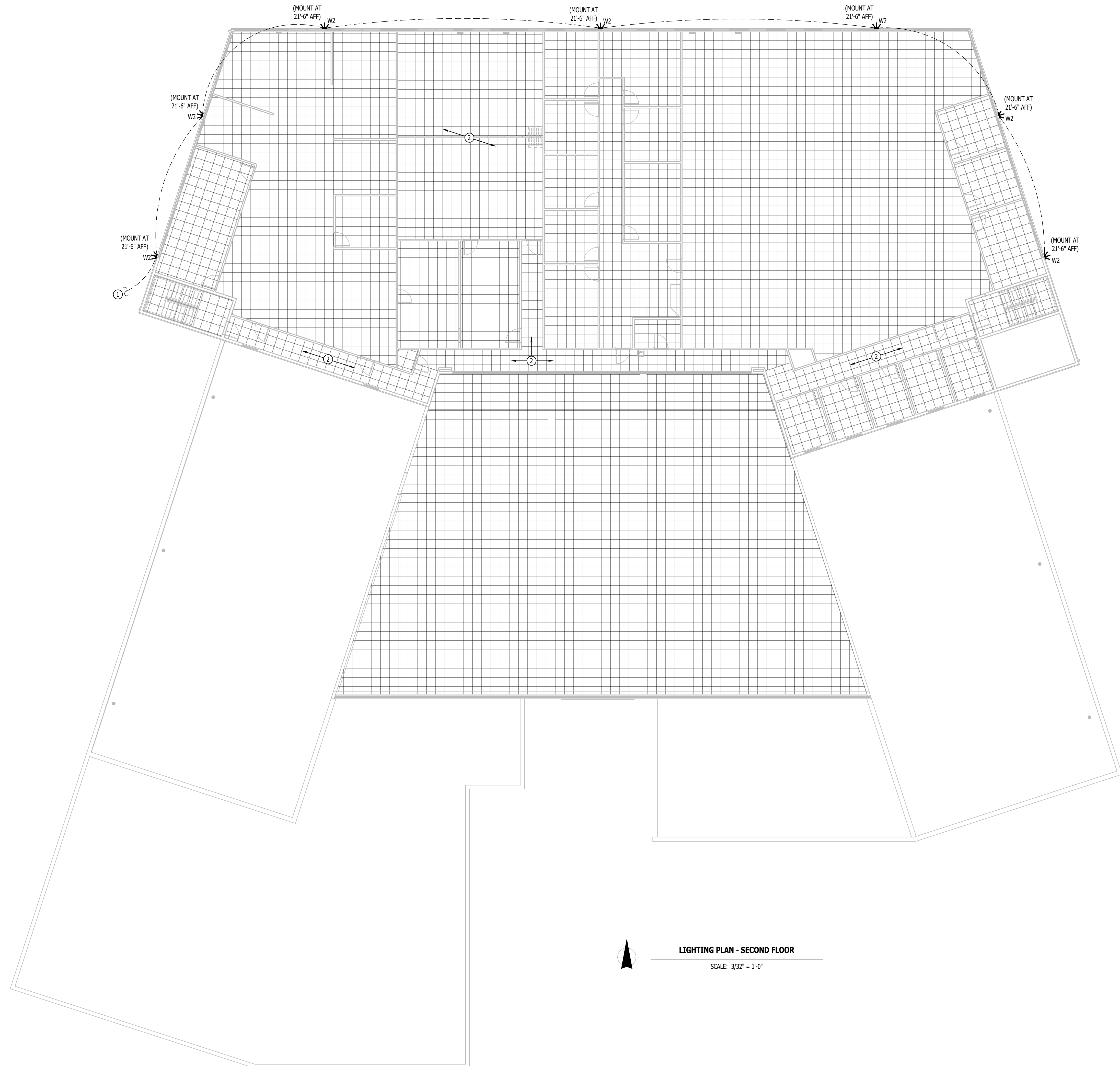
- X1 — "X1" INDICATES FIXTURE TYPE (REFER TO SCHEDULE)
- — LIGHTING FIXTURE
- EM — "EM" INDICATES EMERGENCY BATTERY BACKUP
- NL — "NL" INDICATES UN-SWITCHED NIGHT LIGHT
- EXIT LIGHT
- INDICATES REQUIRED REMOTE HEAD
- EMERGENCY EGRESS LIGHT
- SWITCH (WALL MOUNTED)
- SWITCH TYPE:
 - 3 = 3-WAY
 - 4 = 4-WAY
 - OP = PASSIVE INFRARED OCCUPANCY SENSOR
 - OU = ULTRASONIC OCCUPANCY SENSOR
 - OT = DUAL-TECHNOLOGY OCCUPANCY SENSOR
 - VP = PASSIVE INFRARED VACANCY SENSOR
 - VU = ULTRASONIC VACANCY SENSOR
 - VT = DUAL-TECHNOLOGY VACANCY SENSOR
 - M = MOMENTARY SWITCH
 - SS = SCENE SWITCH
- DIMMER SWITCH (WALL MOUNTED)
- SWITCH TYPE:
 - SEE "SWITCH (WALL MOUNTED)" FOR TYPE DESIGNATIONS
- SWITCH (CEILING MOUNTED)
- SWITCH TYPE:
 - SEE "SWITCH (WALL MOUNTED)" FOR TYPE DESIGNATIONS

LIGHTING PLAN GENERAL NOTES:

1. REFER TO SHEETS E-501 & E-601 FOR ADDITIONAL LIGHTING NOTES, DETAILS, REQUIREMENTS, AND SCHEDULES.
2. OCCUPANCY/VACANCY SENSOR QUANTITIES AND GENERAL LOCATIONS SHOWN FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE & INSTALL SENSOR WITH SPACING PER MANUFACTURER'S SPECIFICATIONS AND INCLUDE ADDITIONAL SENSORS IF NECESSARY. CEILING-MOUNTED SENSORS SHALL BE INSTALLED WITHIN MANUFACTURER'S ACCEPTABLE MOUNTING HEIGHT RANGE.
3. ELECTRICAL CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND COORDINATE LOCATION OF ALL FIXTURES, WIRING, HANGERS / SUPPORTS, ETC. WITH HVAC AND PLUMBING TRADES BEFORE INSTALLATION OF ANY MATERIAL. ADDITIONAL COSTS ASSOCIATED WITH LACK OF COORDINATION WILL NOT BE REIMBURSED.
4. ANY EXISTING LIGHT FIXTURES, CIRCUITS, OR CONTROLS SHOWN ARE FOR REFERENCE ONLY. ELECTRICAL CONTRACTOR TO FIELD VERIFY EXACT LIGHT FIXTURE AND CIRCUIT/CONTROL LOCATIONS, CONDITIONS, ETC. PRIOR TO BEGINNING WORK AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

LIGHTING PLAN KEY NOTES:

- ① CONNECT TO EXTERIOR LIGHTING CIRCUIT. SEE FIRST FLOOR LIGHTING PLAN FOR CONTINUATION.
- ② REINSTALL EXISTING FIXTURES IN NEW CEILING.



LIGHTING PLAN - SECOND FLOOR
 SCALE: 3/32" = 1'-0"

**STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR**



Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680
PROFESSIONAL SEAL



soa
ARCHITECTURE
Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squareeng.com

**OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION**

**DEPARTMENT OF MISSOURI
NATIONAL GUARD**

**JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR**

**801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI**

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE:
DRAWN BY: RXM
CHECKED BY: JAP
DESIGNED BY: KEL

SHEET TITLE:

**LIGHTING PLAN -
SECOND FLOOR**

SHEET NUMBER:

E-106

42 of 53 SHEETS
APRIL 7, 2026

LIGHTING PLAN SYMBOL LEGEND

- X1 → "X1" INDICATES FIXTURE TYPE (REFER TO SCHEDULE)
LIGHTING FIXTURE
- EM → "EM" INDICATES EMERGENCY BATTERY BACKUP
- NL → "NL" INDICATES UN-SWITCHED NIGHT LIGHT
- EXIT LIGHT
- INDICATES REQUIRED REMOTE HEAD
- ↔ EMERGENCY EGRESS LIGHT
- Sx SWITCH (WALL MOUNTED)
SWITCH TYPE:
 - 3 = 3-WAY
 - 4 = 4-WAY
 - OP = PASSIVE INFRARED OCCUPANCY SENSOR
 - OU = ULTRASONIC OCCUPANCY SENSOR
 - OT = DUAL-TECHNOLOGY OCCUPANCY SENSOR
 - VP = PASSIVE INFRARED VACANCY SENSOR
 - VU = ULTRASONIC VACANCY SENSOR
 - VT = DUAL-TECHNOLOGY VACANCY SENSOR
 - M = MOMENTARY SWITCH
 - SS = SCENE SWITCH
- Dx DIMMER SWITCH (WALL MOUNTED)
SWITCH TYPE:
 - SEE "SWITCH (WALL MOUNTED)" FOR TYPE DESIGNATIONS
- Sx SWITCH (CEILING MOUNTED)
SWITCH TYPE:
 - SEE "SWITCH (WALL MOUNTED)" FOR TYPE DESIGNATIONS

SITE LIGHTING PLAN GENERAL NOTES:

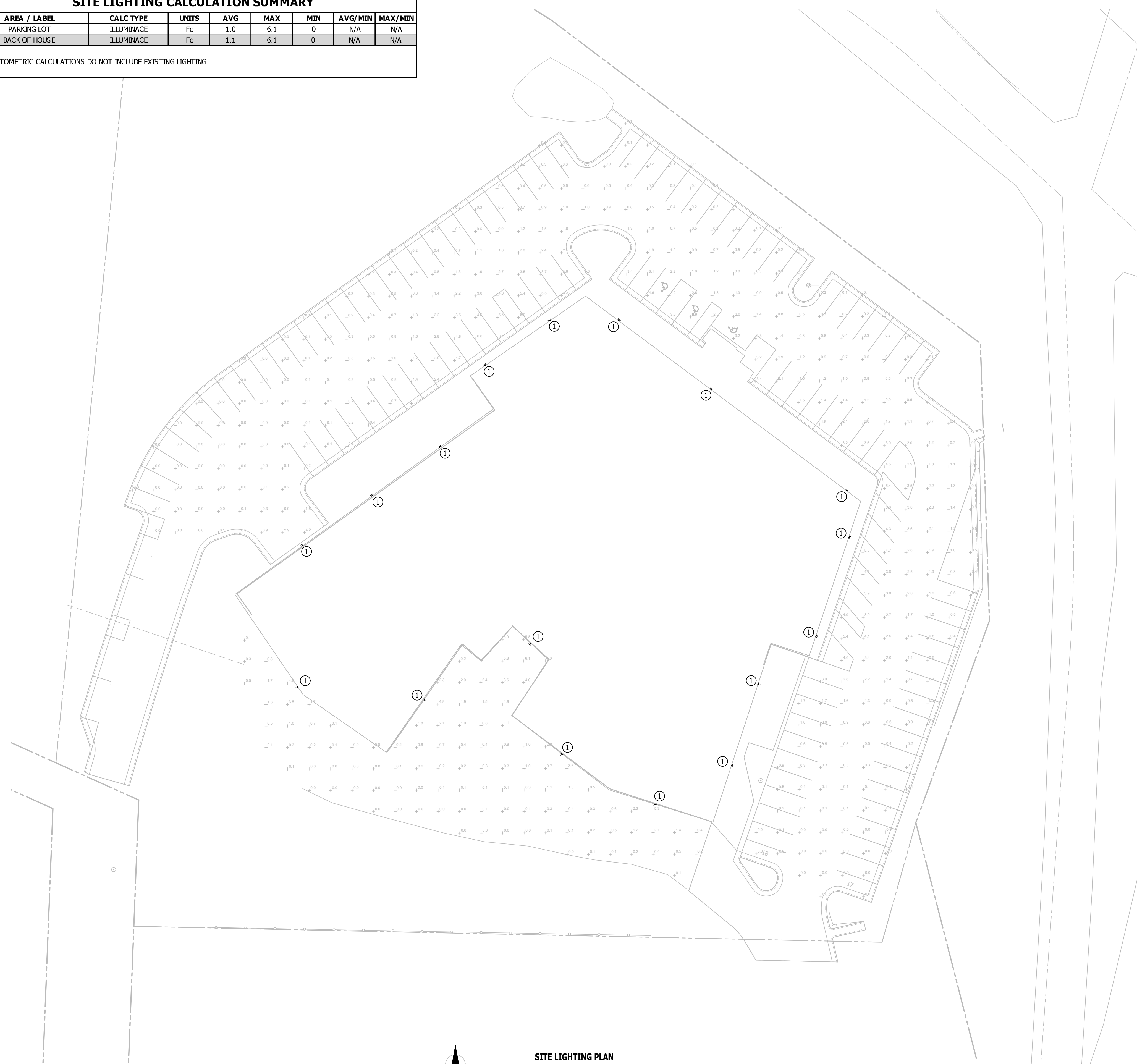
1. REFER TO SHEETS E-501 & E-601 FOR ADDITIONAL LIGHTING NOTES, DETAILS, REQUIREMENTS, AND SCHEDULES.
2. OCCUPANCY/VACANCY SENSOR QUANTITIES AND GENERAL LOCATIONS SHOWN FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE & INSTALL SENSOR WITH SPACING PER MANUFACTURER'S SPECIFICATIONS AND INCLUDE ADDITIONAL SENSORS IF NECESSARY. CEILING-MOUNTED SENSORS SHALL BE INSTALLED WITHIN MANUFACTURER'S ACCEPTABLE MOUNTING HEIGHT RANGE.
3. ELECTRICAL CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND COORDINATE LOCATION OF ALL FIXTURES, WIRING, HANGERS / SUPPORTS, ETC. WITH HVAC AND PLUMBING TRADES BEFORE INSTALLATION OF ANY MATERIAL. ADDITIONAL COSTS ASSOCIATED WITH LACK OF COORDINATION WILL NOT BE REIMBURSED.
4. ANY EXISTING LIGHT FIXTURES, CIRCUITS, OR CONTROLS SHOWN ARE FOR REFERENCE ONLY. ELECTRICAL CONTRACTOR TO FIELD VERIFY EXACT LIGHT FIXTURE AND CIRCUIT/CONTROL LOCATIONS, CONDITIONS, ETC. PRIOR TO BEGINNING WORK AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

SITE LIGHTING PLAN KEY NOTES:

- ① BUILDING MOUNTED LIGHT FIXTURE. SEE LIGHTING PLANS FOR MOUNTING HEIGHT AND CIRCUITING DETAILS.

SITE LIGHTING CALCULATION SUMMARY								
AREA / LABEL	CALC TYPE	UNITS	AVG	MAX	MIN	AVG/MIN	MAX/MIN	
PARKING LOT	ILLUMINACE	Fc	1.0	6.1	0	N/A	N/A	
BACK OF HOUSE	ILLUMINACE	Fc	1.1	6.1	0	N/A	N/A	

NOTES:
1. PHOTOMETRIC CALCULATIONS DO NOT INCLUDE EXISTING LIGHTING



SITE LIGHTING PLAN
 SCALE: 1" = 30' ft

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680
PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squareeng.com

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

DEPARTMENT OF MISSOURI NATIONAL GUARD

JEFFERSON CITY READINESS CENTER BUILDING 1 - REPAIRS TO INTERIOR / EXTERIOR

801 ARMORY DRIVE, JEFFERSON CITY, MISSOURI

PROJECT # **T2505-01**
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE:
DRAWN BY: RXM
CHECKED BY: JAP
DESIGNED BY: KEL

SHEET TITLE:
SITE LIGHTING PLAN

SHEET NUMBER:
E-107
43 of 53 SHEETS
APRIL 7, 2026



Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680
PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407

www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squareeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE:
DRAWN BY: RXM
CHECKED BY: JAP
DESIGNED BY: KEL

SHEET TITLE:

ELECTRICAL
DETAILS &
SCHEDULES

SHEET NUMBER:

E-501

44 of 53 SHEETS
APRIL 7, 2026

EXISTING MAIN DISTRIBUTION PANEL (XMDP) SCHEDULE									
PANEL SPECIFICATIONS							TOTAL CONNECTED LOAD		
VOLTAGE: 208Y/120V 3-PH			NEMA RATING: 1				PHASE "A" LOAD: 189 AMPS		
AMPACITY: 800A			PANEL MOUNTING: SURFACE				PHASE "B" LOAD: 189 AMPS		
AIC-RATING: 10KA							PHASE "C" LOAD: 189 AMPS		
CIRCUIT NUMBER	DESCRIPTION	BREAKER SIZE	AMPS	PHASE	AMPS	BREAKER SIZE	DESCRIPTION	CIRCUIT NUMBER	
1	EXISTING PANEL "A"	300-3		A		200-3	EXISTING PANEL	2	
3	-	-		B		-	-	4	
5	-	-		C		-	-	6	
7	UNKNOWN	125-3		A	79	110-3	RTU-5	8	
9	-	-		B	79	-	-	10	
11	-	-		C	79	-	-	12	
13	UNKNOWN	125-3		A	67	90-3	RTU-4	14	
15	-	-		B	67	-	-	16	
17	-	-		C	67	-	-	18	
19	EXISTING PANEL	225-3		A	43	50-3	RTU-3	20	
21	-	-		B	43	-	-	22	
23	-	-		C	43	-	-	24	
25	EXISTING PANEL	200-3		A		150-3	EXISTING UPSTAIRS PANEL	26	
27	-	-		B		-	-	28	
29	-	-		C		-	-	30	
31	OPEN			A			OPEN	32	
33	OPEN			B			OPEN	34	
35	OPEN			C			OPEN	36	
37	OPEN			A			OPEN	38	
39	OPEN			B			OPEN	40	
41	OPEN			C			OPEN	42	

NOTES:
A: EXISTING PANEL SHALL REMAIN. *ITALICS* SHALL INDICATE EXISTING TO REMAIN. **BOLD** INDICATES NEW BREAKER OR LABEL. CONTRACTOR SHALL PROVIDE ALL NEW.
B: ELECTRICIAN SHALL VERIFY EXACT EQUIPMENT OVERCURRENT PROTECTION REQUIREMENTS PRIOR TO PURCHASE & INSTALLATION OF EQUIPMENT.
C: AFTER COMPLETION OF WORK, ELECTRICIAN SHALL PROVIDE A TYPE WRITTEN PANEL DIRECTORY IN NEW PANEL.

EXISTING PANEL 'XW' SCHEDULE									
PANEL SPECIFICATIONS							TOTAL CONNECTED LOAD		
VOLTAGE: 120/208V 3-PH			NEMA RATING: 1				PHASE "A" LOAD: 9 AMPS		
AMPACITY: 225A MLO			PANEL MOUNTING: SURFACE				PHASE "B" LOAD: 10 AMPS		
AIC-RATING: 10KA							PHASE "C" LOAD: 17.3 AMPS		
CIRCUIT NUMBER	DESCRIPTION	BREAKER SIZE	AMPS	PHASE	AMPS	BREAKER SIZE	DESCRIPTION	CIRCUIT NUMBER	
1	LIGHTING	20-1		A		20-1	HEATER	2	
3	LIGHTING	20-1		B		20-1	HEATER	4	
5	LIGHTING	20-1		C		20-3	EXHAUST FAN	6	
7	OUTLET WEST SIDE	20-1		A		-	-	8	
9	OUTLET EAST SIDE	20-1		B		-	-	10	
11	HEATER	20-1		C		20-1	ALARM	12	
13	HEATER	20-1		A		20-1	OUTLET ARMSROOM	14	
15	HEATER	20-1		B	10	20-1	FURNACE (F-1)	16	
17	HEATER	20-1		C	9	20-2	CONDENSING UNIT (CU-1)	18	
19	VAULT 2	20-1		A	9	-	-	20	
21	OPEN			B		20-1	-	22	
23	OPEN			C	8.3	15-1	DEHUMIDIFIER (DH-1.1)	24	
25	OPEN			A		-	OPEN	26	
27	OPEN			B		-	OPEN	28	
29	OPEN			C		-	OPEN	30	

NOTES:
A: EXISTING PANEL SHALL REMAIN. *ITALICS* SHALL INDICATE EXISTING TO REMAIN. **BOLD** INDICATES NEW BREAKER OR LABEL. CONTRACTOR SHALL PROVIDE ALL NEW.
B: ELECTRICIAN SHALL VERIFY EXACT EQUIPMENT OVERCURRENT PROTECTION REQUIREMENTS PRIOR TO PURCHASE & INSTALLATION OF EQUIPMENT.
C: AFTER COMPLETION OF WORK, ELECTRICIAN SHALL PROVIDE A TYPE WRITTEN PANEL DIRECTORY IN NEW PANEL.

EXISTING PANEL 'XP' SCHEDULE									
PANEL SPECIFICATIONS							TOTAL CONNECTED LOAD		
VOLTAGE: 120/208V 3-PH			NEMA RATING: 1				PHASE "A" LOAD: 30 AMPS		
AMPACITY: 225A MLO			PANEL MOUNTING: SURFACE				PHASE "B" LOAD: 39.3 AMPS		
AIC-RATING: 22KA							PHASE "C" LOAD: 19 AMPS		
CIRCUIT NUMBER	DESCRIPTION	BREAKER SIZE	AMPS	PHASE	AMPS	BREAKER SIZE	DESCRIPTION	CIRCUIT NUMBER	
1	UNMARKED	20-2		A	21	30-2	CONDENSING UNIT (CU-5)	2	
3	-	-		B	21	-	-	4	
5	UNMARKED	20-2		C	9	20-2	CONDENSING UNIT (CU-4)	6	
7	-	-		A	9	-	-	8	
9	UNMARKED	20-2		B		20-2	UNMARKED	10	
11	-	-		C		-	-	12	
13	UNMARKED	20-2		A		20-2	UNMARKED	14	
15	-	-		B		-	-	16	
17	UNMARKED	20-2		C		20-2	UNMARKED	18	
19	-	-		A		-	-	20	
21	UNMARKED	20-1		B	10	20-1	FURNACE (F-5)	22	
23	UNMARKED	20-1		C	10	20-1	FURNACE (F-4)	24	
25	UNMARKED	20-1		A		100-3	SUB PANEL 'XP1'	26	
27	DEHUMIDIFIER (DH-1.5)	20-1	8.3	B		-	-	28	
29	OPEN			C		-	-	30	

NOTES:
A: EXISTING PANEL SHALL REMAIN. *ITALICS* SHALL INDICATE EXISTING TO REMAIN. **BOLD** INDICATES NEW BREAKER OR LABEL. CONTRACTOR SHALL PROVIDE ALL NEW.
B: ELECTRICIAN SHALL VERIFY EXACT EQUIPMENT OVERCURRENT PROTECTION REQUIREMENTS PRIOR TO PURCHASE & INSTALLATION OF EQUIPMENT.
C: AFTER COMPLETION OF WORK, ELECTRICIAN SHALL PROVIDE A TYPE WRITTEN PANEL DIRECTORY IN NEW PANEL.

LIGHT FIXTURE SCHEDULE											
TAG	MANUFACTURER (OR EQUAL)	MODEL NUMBER (OR EQUAL)	DESCRIPTION	MOUNTING	LUMEN OUTPUT	CCT (°K)	CRI	VOLTAGE	WATTS	DIMMING	NOTES
C1	HALO	LCR412RD9FSE020	4" ROUND CANLESS LED DOWNLIGHT	RECESSED	1100	3500	80	120	13	0-10V	1,2,4
C2	LUMARK	CLCS155-PC	LED CANOPY	SURFACE	5300	4000	80	120	37	-	1,2,3,4
C3	HALO	SMXGRLSFS010	6" ROUND LED DOWNLIGHT	SURFACE	1200	3500	80	120	13	0-10V	1,2,4
S1	METALLUX	45NX-SL3-LW-UNV-CC83-CD1-U	4" LINEAR/STRIP	SURFACE	4000	3500	80	120	34	0-10V	1,2,4
T1	METALLUX	24FPSL25CT3	2x4 LED FLAT PANEL (EDGE LIT)	ACT GRID	4550	3500	80	120	40	0-10V	1,2,4
T2	METALLUX	22FPSL25CT3	2x2 LED FLAT PANEL (EDGE LIT)	ACT GRID	2420	3500	80	120	22	0-10V	1,2,4
V1	METALLUX	4BCLED-LD4-40SL-F-UNV-L835-CD1-U	4" LINEAR	WALL BRACKET	4000	3500	80	120	42	0-10V	1,2,5
V2	METALLUX	2BCLED-LD4-20SL-F-UNV-L835-CD1-U	2" LINEAR	WALL BRACKET	2000	3500	80	120	23	0-10V	1,2,5
W1	McGRAW-EDISON	GKO-PB1C-740-U-T4W-GM-MS/DIM-20	LED WALL PACK	WALL BRACKET	2500	4000	70	120	17	-	1,6
W2	McGRAW-EDISON	GKO-PB2E-740-U-T4W-GM-MS/DIM-20	LED WALL PACK	WALL BRACKET	12400	4000	70	120	107	-	1,6

NOTES:
1. VERIFY LIGHT FIXTURE FINISHES WITH OWNER / ARCHITECT PRIOR TO INSTALLATION.
2. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING TYPES THROUGHOUT. COORDINATE EXACT MOUNTING DETAILS WITH GENERAL CONTRACTOR.
3. WITH FACTORY MOUNTED PHOTOCONTROL.
4. CONTRACTOR SHALL INSTALL SELECTABLE LIGHT FIXTURE WITH LUMEN AND CCT VALUES THAT MATCH WHAT IS SHOWN IN SCHEDULE.
5. MOUNT 7'-6" A.F.F.
6. WITH MOTION SENSOR. SEE PLANS FOR MOUNTING HEIGHT.

BRANCH CIRCUIT CONDUCTOR SCHEDULE						
AMPACITY	COPPER AWG SIZE	MAXIMUM DISTANCE (FEET)				MINIMUM CONDUIT SIZE
		1Ø	277V	208V	480V	
20	12	55'	130'	115'	260'	1/2"
	10	90'	205'	180'	415'	3/4"
30	10	60'	135'	120'	275'	3/4"
	8	95'	220'	190'	445'	1"
35	8	80'	190'	165'	380'	1"
	6	130'	300'	260'	605'	1"
40	8	70'	165'	145'	330'	1"
	6	110'	260'	225'	525'	1"
45	6	100'	235'	200'	470'	1"
	4	160'	370'	325'	750'	1-1/4"
50	6	90'	210'	180'	420'	1-1/4"
	4	145'	335'	290'	675'	1-1/4"
60	6	75'	175'	150'	350'	1-1/4"
	4	120'	280'	240'	560'	1-1/4"
70	4	105'	240'	205'	480'	1-1/4"
	3	130'	300'	260'	605'	1-1/4"
80	4	55'	210'	180'	420'	1-1/4"
	3	90'	260'	230'	530'	1-1/4"
90	3	105'	245'	210'	490'	1-1/4"
	2	130'	300'	260'	600'	1-1/4"
100	2	115'	270'	235'	540'	1-1/4"
	1	140'	330'	285'	660'	1-1/4"

NOTES:
1. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE COPPER. ALL WIRE SIZES SHOWN ARE BASED ON CONDUCTOR TEMPERATURE RATING OF 60°C & AMBIENT TEMPERATURE OF 30°C PER NEC.
2. DISTANCE SHOWN ABOVE IS LENGTH FROM OVERCURRENT PROTECTION TO DEVICE/EQUIPMENT.
3. REFER TO PLAN SHEETS FOR BRANCH CONDUCTOR SIZING LENGTHS GREATER THAN SHOWN ABOVE.
4. VOLTAGE DROP CALCULATIONS BASED ON 3% DROP, 80% CIRCUIT LOAD, THHN/THWN INSULATION, 100% POWER FACTOR, BALANCED LOAD, NEGLIGIBLE REACTANCE, & SIX OR LESS CURRENT-CARRYING CONDUCTORS IN RACEWAY.

FEEDER CONDUCTOR SCHEDULE								
AMPACITY	# OF SETS	CONDUCTORS		AWG SIZE		EQUIPMENT GROUND		MINIMUM CONDUIT SIZE (PER SET)
		QUANTITY PER SET	3Ø WYE	1Ø OR 3Ø▲	COPPER	ALUMINUM	COPPER	
30	1	4	3	10	8	10	8	3/4"
40	1	4	3	8	8	8	8	1"
45	1	4	3	8	6	8	8	1"
50	1	4	3	8	6	10	8	1"
60	1	4	3	6	4	10	6	1"
70	1	4	3	4	2	8	6	1-1/4"
80	1	4	3	4	2	8	6	1-1/4"
90	1	4	3	3	2	8	6	1-1/4"
100	1	4	3	3	1	8	6	1-1/4"
110	1	4	3	2	1/0	6	4	1-1/4"
125	1	4	3	1	2/0	6	4	2"
150	1	4	3	1/0	3/0	6	4	2"
175	1	4	3	2/0	4/0	6	4	2"
200	1	4	3	3/0	250	6	4	2-1/2"
225	1	4	3	4/0	300	4	2	2-1/2"
250	1	4	3	250	350	4	2	3"
300	1	4	3	350	500	4	2	4"
350	1	4	3	400	600	3	1	4"
400	1	4	3	500	750	3	1	4"
500	2	4	3	250	350	2	1/0	4"
600	2	4	3	350	500	1	2/0	4"
800	2	4	3	500	750	1/0	3/0	4"
1000	3	4	3	400	350	2/0	4/0	4"
1200	4	4	3	350	500	3/0	250	4"
1600	5	4	3	400	750	4/0	350	4"
2000	6	4	3	400	750	250	400	4"

NOTES:
1. ALL WIRE SIZES SHOWN ARE BASED ON CONDUCTOR TEMPERATURE RATING OF 75°C & AMBIENT TEMPERATURE RATING OF 30°C PER NEC.
2. MAXIMUM ALLOWABLE VOLTAGE DROP FOR FEEDER CONDUCTORS SHALL BE 2%.
3. ELECTRICAL CONTRACTOR TO ADJUST CONDUCTOR SIZES FOR LONG CIRCUIT LENGTHS & AMBIENT TEMPERATURES HIGHER THAN 30°C.

EXISTING PANEL 'XD' SCHEDULE									
PANEL SPECIFICATIONS							TOTAL CONNECTED LOAD		
VOLTAGE: 120/208V 1-PH			NEMA RATING: 1				PHASE "A" LOAD: 73.3 AMPS		
AMPACITY: 200A MLO			PANEL MOUNTING: SURFACE				PHASE "B" LOAD: 69.6 AMPS		
AIC-RATING: 10KA									
CIRCUIT NUMBER	DESCRIPTION	BREAKER SIZE	AMPS	PHASE	AMPS	BREAKER SIZE	DESCRIPTION	CIRCUIT NUMBER	
1	DOCK	30-2		A		30-2	OUTLET ON ROOM 101 AC	2	
3	-	-		B		-	-	4	
5	REC ROOM 107	20-1		A		20-1	FLAG POLE LIGHTS	6	
7	REC ROOM 107	20-1		B		20-1	REC ROOM 102	8	
9	CONDENSING UNIT (CU-2)	25-2	17	A		20-1	REC ROOM 106	10	
11	-	-	17	B	10	20-1	FURNACE (F-3)	12	
13	CONDENSING UNIT (CU-3)	30-2	21	A					



Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680
PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407

www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squaredeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE: _____
DRAWN BY: RXM
CHECKED BY: JAP
DESIGNED BY: KEL

SHEET TITLE:

**ELECTRICAL
SCHEDULES**

SHEET NUMBER:

E-601

45 of 53 SHEETS
APRIL 7, 2026

EXISTING PANEL 'XA1' SCHEDULE									
PANEL SPECIFICATIONS							TOTAL CONNECTED LOAD		
VOLTAGE: 120/208V 3-PH			NEMA RATING: 1			PHASE "A" LOAD: 40.5 AMPS			
AMPACITY: 225A MLO			PANEL MOUNTING: SURFACE			PHASE "B" LOAD: 45 AMPS			
AIC-RATING: 22kA						PHASE "C" LOAD: 53.5 AMPS			
CIRCUIT NUMBER	DESCRIPTION	BREAKER SIZE	AMPS	PHASE	AMPS	BREAKER SIZE	DESCRIPTION	CIRCUIT NUMBER	
1	UNMARKED	20-1		A		20-1	UNMARKED	2	
3	UNMARKED	20-1		B		20-1	UNMARKED	4	
5	UNMARKED	20-1		C		20-1	UNMARKED	6	
7	UNMARKED	20-1		A		20-1	UNMARKED	8	
9	UNMARKED	20-1		B		20-1	UNMARKED	10	
11	UNMARKED	20-1		C		20-1	UNMARKED	12	
13	UNMARKED	20-1		A		20-1	BPOC	14	
15	UNMARKED	20-1		B		20-1	UNMARKED	16	
17	UNMARKED	20-1		C		20-2	UNMARKED	18	
19	UNMARKED	20-1		A		-	-	20	
21	UNMARKED	30-2		B		20-1	UNMARKED	22	
23	UNMARKED	20-1		C		20-1	UNMARKED	24	
25	UNMARKED	20-1		A		20-1	UNMARKED	26	
27	UNMARKED	20-1		B		15-2	UNMARKED	28	
29	UNMARKED	30-2		C		-	-	30	
31	-	-		A		50-2	UNMARKED	32	
33	UNMARKED	30-2		B		-	-	34	
35	-	-		C	39	40-3	DOAS-1	36	
37	FIRE ALARM CONTROL PANEL (FACP)	20-1	1.5	A	39	-	-	38	
39	EXHAUST FAN (EF-1)	15-1	6	B	39	-	-	40	
41	EXHAUST FAN (EF-2)	15-1	6	C	8.5	20-1	EXTERIOR LIGHTING	42	

NOTES:
A: EXISTING PANEL SHALL REMAIN. *ITALICS* SHALL INDICATE EXISTING TO REMAIN. **BOLD** INDICATES NEW BREAKER OR LABEL. CONTRACTOR SHALL PROVIDE ALL NEW.
B: ELECTRICIAN SHALL VERIFY EXACT EQUIPMENT OVERCURRENT PROTECTION REQUIREMENTS PRIOR TO PURCHASE & INSTALLATION OF EQUIPMENT.
C: AFTER COMPLETION OF WORK, ELECTRICIAN SHALL PROVIDE A TYPE WRITTEN PANEL DIRECTORY IN NEW PANEL.

EXISTING PANEL 'XS' SCHEDULE									
PANEL SPECIFICATIONS							TOTAL CONNECTED LOAD		
VOLTAGE: 120/208V 3-PH			NEMA RATING: 1			PHASE "A" LOAD: 51.5 AMPS			
AMPACITY: 225A MLO			PANEL MOUNTING: SURFACE			PHASE "B" LOAD: 50 AMPS			
AIC-RATING: 10kA						PHASE "C" LOAD: 51.5 AMPS			
CIRCUIT NUMBER	DESCRIPTION	BREAKER SIZE	AMPS	PHASE	AMPS	BREAKER SIZE	DESCRIPTION	CIRCUIT NUMBER	
1	OUTLET RM 136	20-1		A		20-1	SPARE	2	
3	OUTLET RM 135 VAULT	20-1		B		20-1	SPARE	4	
5	EXHAUST FAN RM 135	20-1		C	1.5	20-1	EXTERIOR WP RECEPTACLE	6	
7	UNMARKED	20-1		A		20-1	UNMARKED	8	
9	UNMARKED	20-2		B		20-1	UNMARKED	10	
11	-	-		C		20-1	EXHAUST FAN RM 137	12	
13	RTU-1	35-3	25	A			OPEN	14	
15	-	-	25	B			OPEN	16	
17	-	-	25	C			OPEN	18	
19	RTU-2	35-3	25	A			OPEN	20	
21	-	-	25	B			OPEN	22	
23	-	-	25	C			OPEN	24	
25	RTU WP RECEPT	20-1	1.5	A			OPEN	26	
27	OPEN			B			OPEN	28	
29	OPEN			C			OPEN	30	
31	OPEN			A			OPEN	32	
33	OPEN			B			OPEN	34	
35	OPEN			C			OPEN	36	
37	OPEN			A			OPEN	38	
39	OPEN			B			OPEN	40	
41	OPEN			C			OPEN	42	

NOTES:
A: EXISTING PANEL SHALL REMAIN. *ITALICS* SHALL INDICATE EXISTING TO REMAIN. **BOLD** INDICATES NEW BREAKER OR LABEL. CONTRACTOR SHALL PROVIDE ALL NEW.
B: ELECTRICIAN SHALL VERIFY EXACT EQUIPMENT OVERCURRENT PROTECTION REQUIREMENTS PRIOR TO PURCHASE & INSTALLATION OF EQUIPMENT.
C: AFTER COMPLETION OF WORK, ELECTRICIAN SHALL PROVIDE A TYPE WRITTEN PANEL DIRECTORY IN NEW PANEL.

DEFERRED SUBMITTAL NOTES

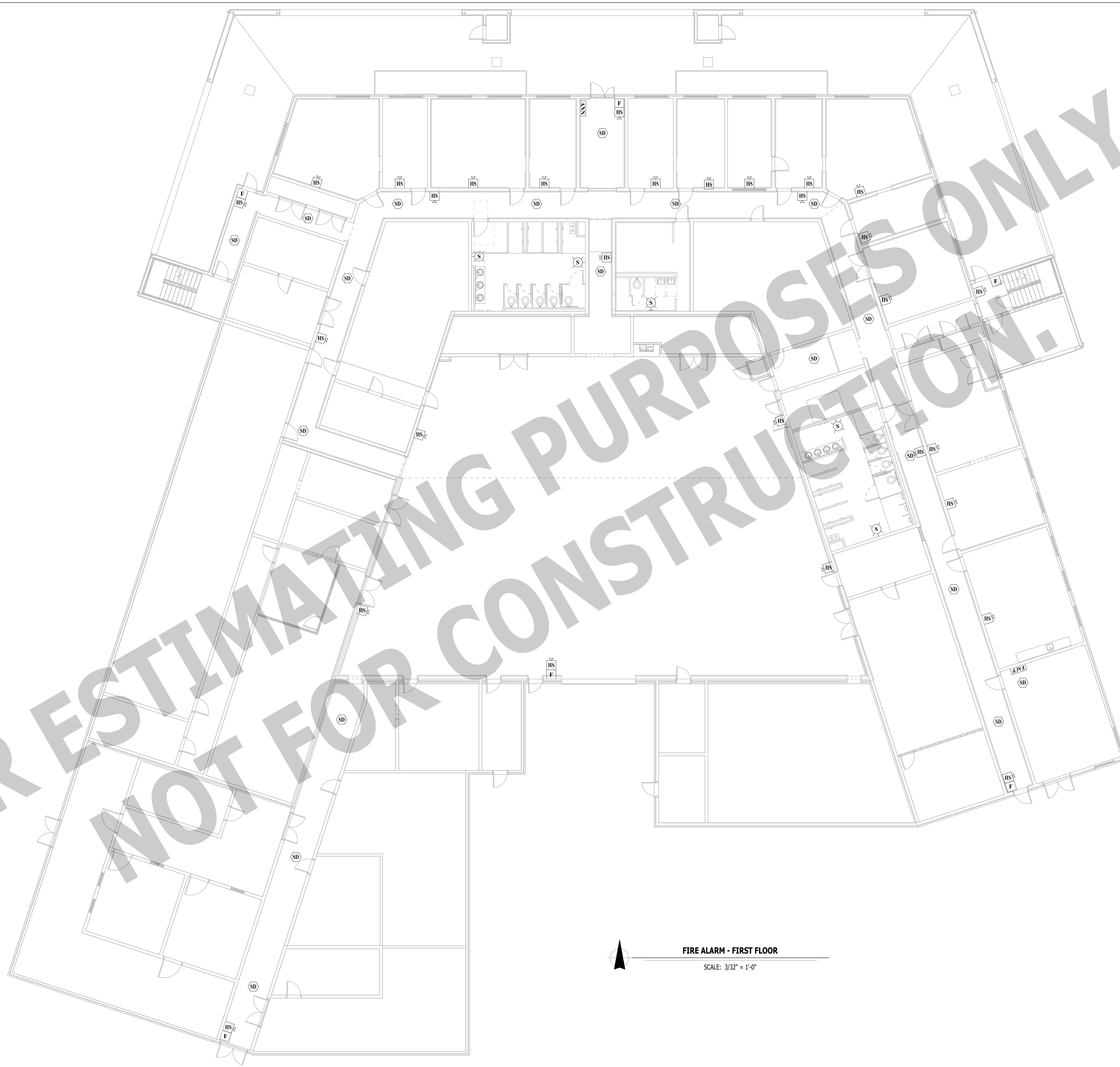
1. FIRE ALARM CONTRACTOR SHALL PROVIDE DELEGATED DESIGN AND DEFERRED SUBMITTAL PACKAGE FOR FIRE ALARM SYSTEM. SUBMITTAL SHALL INCLUDE BATTERY CALCULATIONS, VOLTAGE DROP CALCULATIONS, EQUIPMENT SPECIFICATIONS FOR DEVICES AND PANELS, ETC. DESIGN SHALL BE SEALED BY A QUALIFIED DESIGN PROFESSIONAL LICENSED BY THE STATE.
2. FIRE ALARM SYSTEM COMPONENTS SHOWN (IF APPLICABLE) ARE GENERAL AND SCHEMATIC IN NATURE, SHOWN FOR APPROXIMATE ROUGH-IN LOCATIONS AND QUANTITIES ONLY. CONTRACTOR TO VERIFY EXACT DEVICE LOCATIONS AND REQUIREMENTS WITH FIRE ALARM SYSTEM DESIGNER OF RECORD PRIOR TO ROUGH-IN.

FIRE ALARM SYSTEM SPECIFICATIONS

1. FIRE ALARM SYSTEM SHALL BE AN ADDRESSABLE SYSTEM THAT IS NONCODED, UL-LISTED, WITH MULTIPLEX SIGNAL TRANSMISSION AND HORN/STROBE EVACUATION.
2. EVERY FIRE ALARM SYSTEM COMPONENT SHALL BE UL-LISTED AND UL-CERTIFIED, TESTED BY MANUFACTURERS AS A COMPLETE SYSTEM, AND MEET ALL APPLICABLE REQUIREMENTS OF NFPA 72.
3. ALL FIRE ALARM WIRING TO BE PLENUM RATED.
4. ALL INITIATING DEVICES INSTALLED IN UNCONDITIONED SPACES SHALL BE CONVENTIONAL DEVICES SUITABLE FOR USE IN EXTREME HIGH AND LOW TEMPERATURES AND HIGH HUMIDITY. SUCH DEVICES SHALL BE SUPERVISED BY ADDRESSABLE MONITOR MODULES LOCATED IN CONDITIONED SPACES.
5. QUANTITIES, TYPES, AND LOCATIONS OF INITIATING DEVICES AND OUTPUT MODULES FOR INTERCONNECTION WITH FIRE SUPPRESSION MUST BE COORDINATED WITH CONTRACTORS THAT ARE RESPONSIBLE FOR THOSE SYSTEMS.

FIRE ALARM PLAN GENERAL NOTES:

1. CONTRACTOR SHALL PROVIDE ALTERNATE BID FOR FIRE ALARM SYSTEM WORK (ALTERNATE #1).
2. PROVIDE CELLULAR DIALER TO CALL OUT TO MONG IRE SKELTON GUARD SHACK FOR DISPATCH.




FIRE ALARM - FIRST FLOOR
 SCALE: 3/32" = 1'-0"

STATE OF MISSOURI
 MIKE KEHOE,
 GOVERNOR

FOR ESTIMATING PURPOSES ONLY.
 NOT FOR CONSTRUCTION.

Keaton E. Leisinger, P.E.
 PE-2021035875
 MO Certificate of Authority # 2018029680
PROFESSIONAL SEAL



Architecture
 Interior Design
 Planning
 Sustainability
 2801 Woodard Drive, Suite 103
 Columbia, MO 65202
 573.443.1407
 www.soa-inc.com
 Simon Oswald Associates, Inc.
 Missouri Certificate of
 Authority Number: 000826

CIVIL ENGINEER:
 601 MONROE STREET, SUITE 201
 JEFFERSON CITY, MO 65101-3180
 PH: 573-634-3181
 www.bartlettwest.com

MEP ENGINEER:
 2400 Bluff Creek Drive, Suite 101
 Columbia, Missouri 65201
 573.234.4492
 www.j-squareeng.com

**OFFICE OF
 ADMINISTRATION
 DIVISION OF FACILITIES
 MANAGEMENT,
 DESIGN AND
 CONSTRUCTION**

**DEPARTMENT OF MISSOURI
 NATIONAL GUARD**

**JEFFERSON CITY
 READINESS CENTER
 BUILDING 1 - REPAIRS TO
 INTERIOR / EXTERIOR**

**801 ARMORY DRIVE,
 JEFFERSON CITY,
 MISSOURI**

PROJECT # **T2505-01**
 SITE # 6292
 ASSET # 8136292001

REVISION	DATE

CAD DWG FILE: _____
 DRAWN BY: RXM _____
 CHECKED BY: JAP _____
 DESIGNED BY: KEL _____

SHEET TITLE:
**FIRE ALARM -
 FIRST FLOOR
 (ALTERNATE 1)**

SHEET NUMBER:
F-101
 46 of 53 SHEETS
 APRIL 7, 2026

DEFERRED SUBMITTAL NOTES

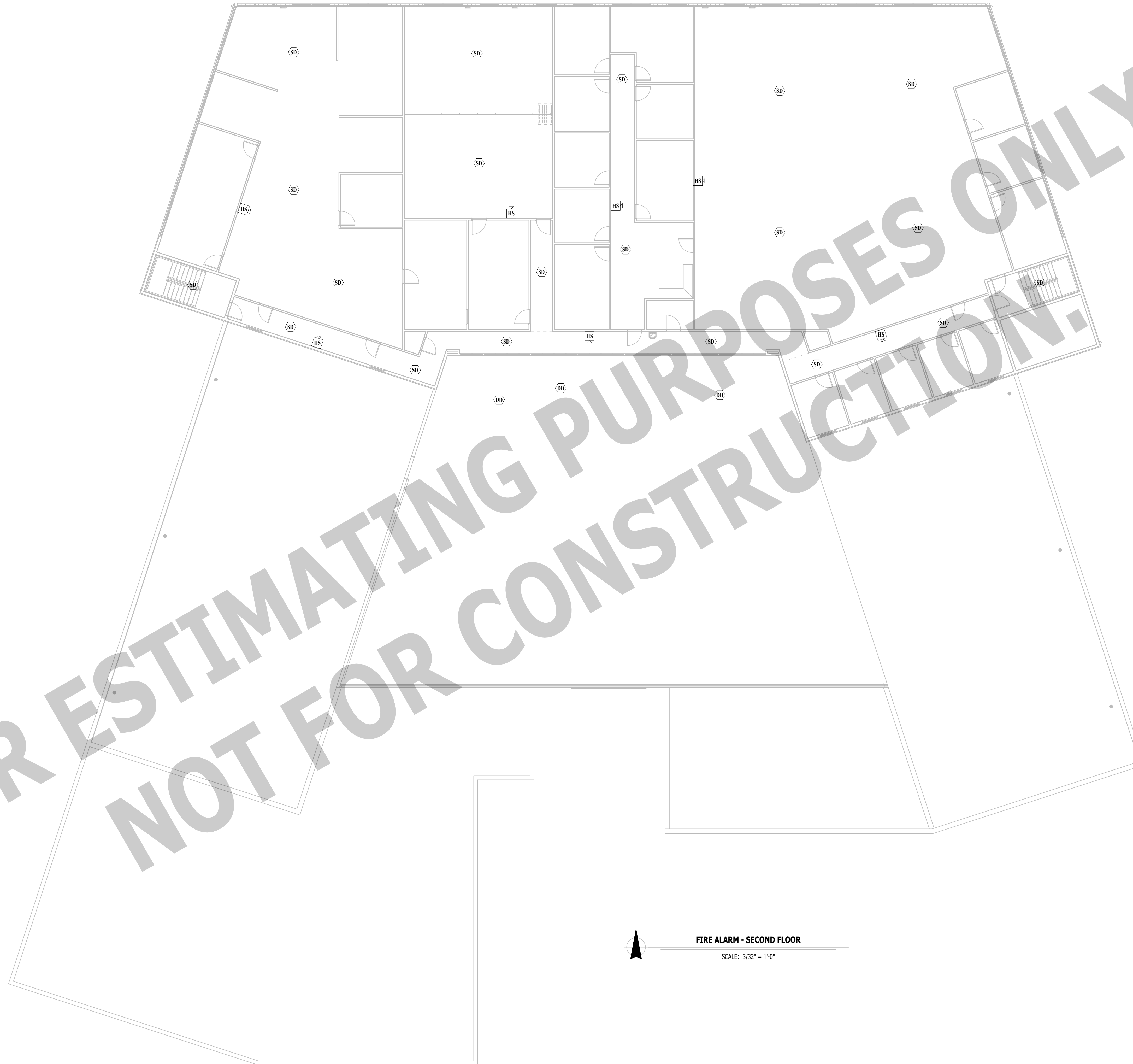
1. FIRE ALARM CONTRACTOR SHALL PROVIDE DELEGATED DESIGN AND DEFERRED SUBMITTAL PACKAGE FOR FIRE ALARM SYSTEM. SUBMITTAL SHALL INCLUDE BATTERY CALCULATIONS, VOLTAGE DROP CALCULATIONS, EQUIPMENT SPECIFICATIONS FOR DEVICES AND PANELS, ETC. DESIGN SHALL BE SEALED BY A QUALIFIED DESIGN PROFESSIONAL LICENSED BY THE STATE.
2. FIRE ALARM SYSTEM COMPONENTS SHOWN (IF APPLICABLE) ARE GENERAL AND SCHEMATIC IN NATURE, SHOWN FOR APPROXIMATE ROUGH-IN LOCATIONS AND QUANTITIES ONLY. CONTRACTOR TO VERIFY EXACT DEVICE LOCATIONS AND REQUIREMENTS WITH FIRE ALARM SYSTEM DESIGNER OF RECORD PRIOR TO ROUGH-IN.


FIRE ALARM SYSTEM SPECIFICATIONS

1. FIRE ALARM SYSTEM SHALL BE AN ADDRESSABLE SYSTEM THAT IS NONCODED, UL-LISTED, WITH MULTIPLEX SIGNAL TRANSMISSION AND HORN/STROBE EVACUATION.
2. EVERY FIRE ALARM SYSTEM COMPONENT SHALL BE UL-LISTED AND UL-CERTIFIED, TESTED BY MANUFACTURERS AS A COMPLETE SYSTEM, AND MEET ALL APPLICABLE REQUIREMENTS OF NFPA 72.
3. ALL FIRE ALARM WIRING TO BE PLENUM RATED.
4. ALL INITIATING DEVICES INSTALLED IN UNCONDITIONED SPACES SHALL BE CONVENTIONAL DEVICES SUITABLE FOR USE IN EXTREME HIGH AND LOW TEMPERATURES AND HIGH HUMIDITY. SUCH DEVICES SHALL BE SUPERVISED BY ADDRESSABLE MONITOR MODULES LOCATED IN CONDITIONED SPACES.
5. QUANTITIES, TYPES, AND LOCATIONS OF INITIATING DEVICES AND OUTPUT MODULES FOR INTERCONNECTION WITH FIRE SUPPRESSION MUST BE COORDINATED WITH CONTRACTORS THAT ARE RESPONSIBLE FOR THOSE SYSTEMS.

FIRE ALARM PLAN GENERAL NOTES:

1. CONTRACTOR SHALL PROVIDE ALTERNATE BID FOR FIRE ALARM SYSTEM WORK (ALTERNATE #1).
2. PROVIDE CELLULAR DIALER TO CALL OUT TO MONG IRE SKELTON GUARD SHACK FOR DISPATCH.




FIRE ALARM - SECOND FLOOR
 SCALE: 3/32" = 1'-0"

STATE OF MISSOURI
 MIKE KEHOE,
 GOVERNOR

FOR ESTIMATING PURPOSES ONLY.
 NOT FOR CONSTRUCTION.

Keaton E. Leisinger, P.E.
 PE-2021035875
 MO Certificate of Authority # 2018029680

PROFESSIONAL SEAL

soa
 ARCHITECTURE

Architecture
 Interior Design
 Planning
 Sustainability
 2801 Woodard Drive, Suite 103
 Columbia, MO 65202
 573.443.1407

www.soa-inc.com
 Simon Oswald Associates, Inc.
 Missouri Certificate of
 Authority Number: 000826

CIVIL ENGINEER:
 601 MONROE STREET, SUITE 201
 JEFFERSON CITY, MO 65101-3180
 PH: 573-634-3181
 www.bartlettwest.com

MEP ENGINEER:
 2400 Bluff Creek Drive, Suite 101
 Columbia, Missouri 65201
 573.234.4492
 www.j-squareeng.com

OFFICE OF
 ADMINISTRATION
 DIVISION OF FACILITIES
 MANAGEMENT,
 DESIGN AND
 CONSTRUCTION

DEPARTMENT OF MISSOURI
 NATIONAL GUARD

JEFFERSON CITY
 READINESS CENTER
 BUILDING 1 - REPAIRS TO
 INTERIOR / EXTERIOR

801 ARMORY DRIVE,
 JEFFERSON CITY,
 MISSOURI

PROJECT # T2505-01
 SITE # 6292
 ASSET # 8136292001

REVISION	DATE

CAD DWG FILE:
 DRAWN BY: RXM
 CHECKED BY: JAP
 DESIGNED BY: KEL

SHEET TITLE:

**FIRE ALARM -
 SECOND FLOOR
 (ALTERNATE 1)**

SHEET NUMBER:

F-102

47 of 53 SHEETS
 APRIL 7, 2026

PLUMBING DEMO PLAN SYMBOL LEGEND

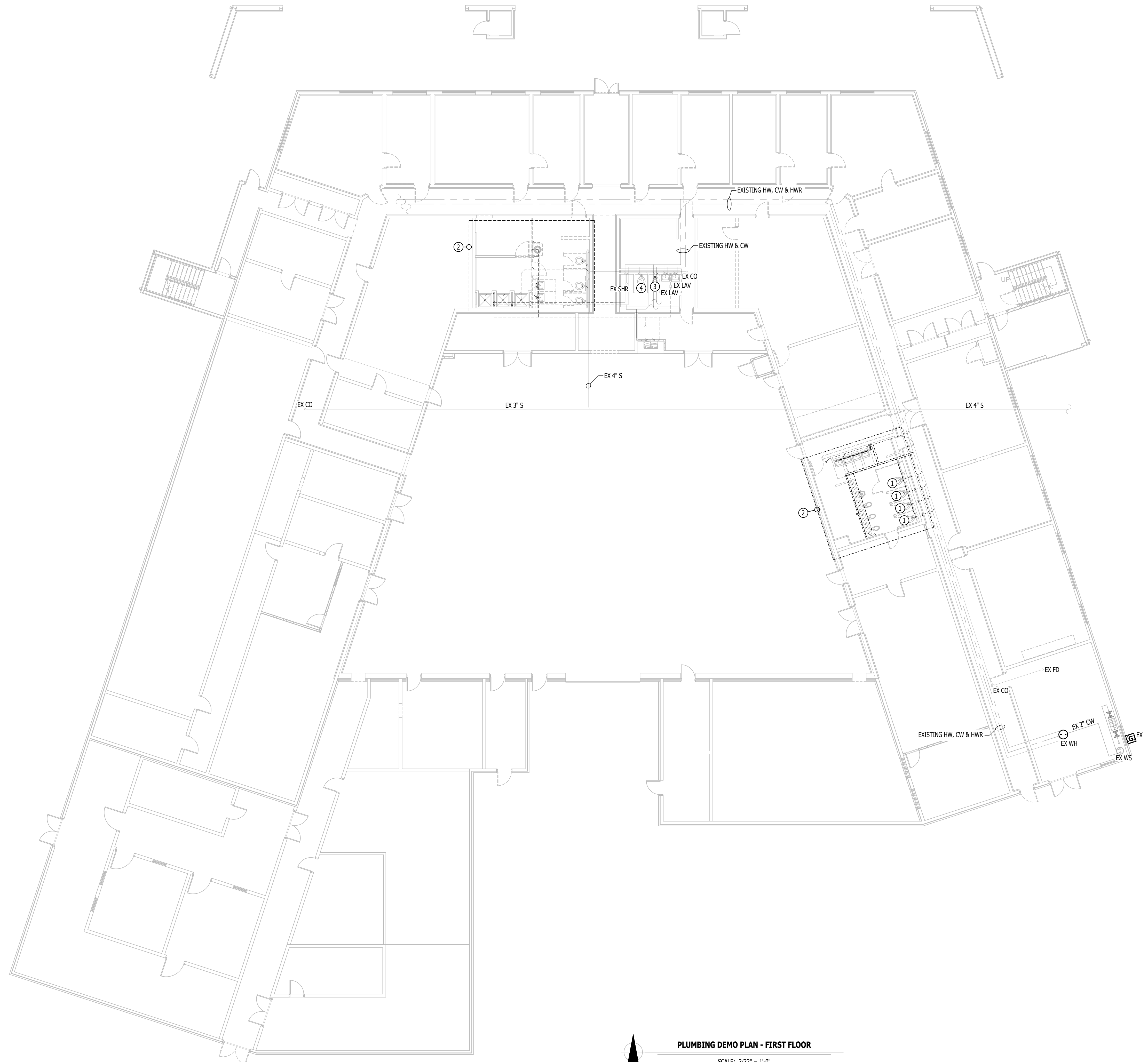
- DEMO SANITARY SEWER PIPING
- EXISTING SANITARY SEWER PIPING
- DEMO VENT PIPING
- EXISTING VENT PIPING
- ○ PIPING TURNED DOWN / TURNED UP
- ✱ TIE INTO EXISTING
- DEMO COLD WATER PIPING
- EXISTING COLD WATER PIPING
- DEMO HOT WATER PIPING
- EXISTING HOT WATER PIPING
- EXISTING HOT WATER RECIRCULATION PIPING

PLUMBING DEMO PLAN GENERAL NOTES:

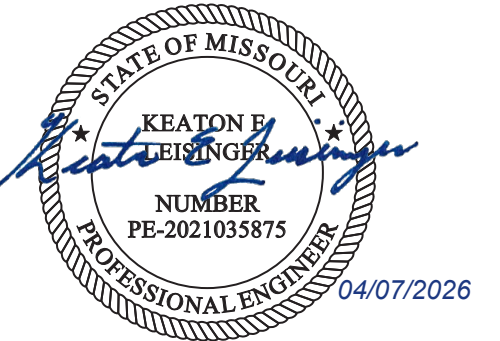
1. REFER TO SHEET P-501 FOR ADDITIONAL PLUMBING NOTES, DETAILS, REQUIREMENTS, AND SCHEDULES.
2. PLUMBING CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND COORDINATE LOCATION OF ALL EQUIPMENT, PIPING, HANGERS / SUPPORTS, ETC. WITH HVAC AND ELECTRICAL TRADES BEFORE INSTALLATION OF ANY MATERIAL. ADDITIONAL COSTS ASSOCIATED WITH LACK OF COORDINATION WILL NOT BE REIMBURSED.
3. ANY EXISTING SANITARY/VENT PIPING SHOWN IS FOR REFERENCE ONLY. PLUMBING CONTRACTOR TO FIELD VERIFY EXACT PIPING SIZE, LOCATIONS, DEPTH, DIRECTION, CONDITION, ETC. PRIOR TO INSTALLATION OF ANY MATERIAL AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

PLUMBING DEMO PLAN KEY NOTES:

- ① DEMOLISH WATER CLOSET & SANITARY PIPE. CAP SANITARY PIPE BELOW FLOOR.
- ② DEMOLISH ALL PIPING WITHIN THIS AREA BACK TO MAIN PIPE OUTSIDE OF INDICATED AREA.
- ③ DEMOLISH PLUMBING FIXTURE AND ALL ASSOCIATED COLD WATER AND SANITARY PIPING BACK TO MAIN PIPE.
- ④ DEMOLISH PLUMBING FIXTURE AND PREPARE COLD WATER AND SANITARY PIPING TO RECONNECT TO NEW PLUMBING FIXTURE. SEE PLUMBING PLANS FOR FURTHER DETAILS.



PLUMBING DEMO PLAN - FIRST FLOOR
 SCALE: 3/32" = 1'-0"



Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407

www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squareeng.com

**OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION**

**DEPARTMENT OF MISSOURI
NATIONAL GUARD**

**JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR**

**801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI**

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE: _____
DRAWN BY: RXM _____
CHECKED BY: JAP _____
DESIGNED BY: KEL _____

SHEET TITLE:

**PLUMBING DEMO
PLAN - FIRST
FLOOR**

SHEET NUMBER:

P-101

PLUMBING DEMO PLAN SYMBOL LEGEND

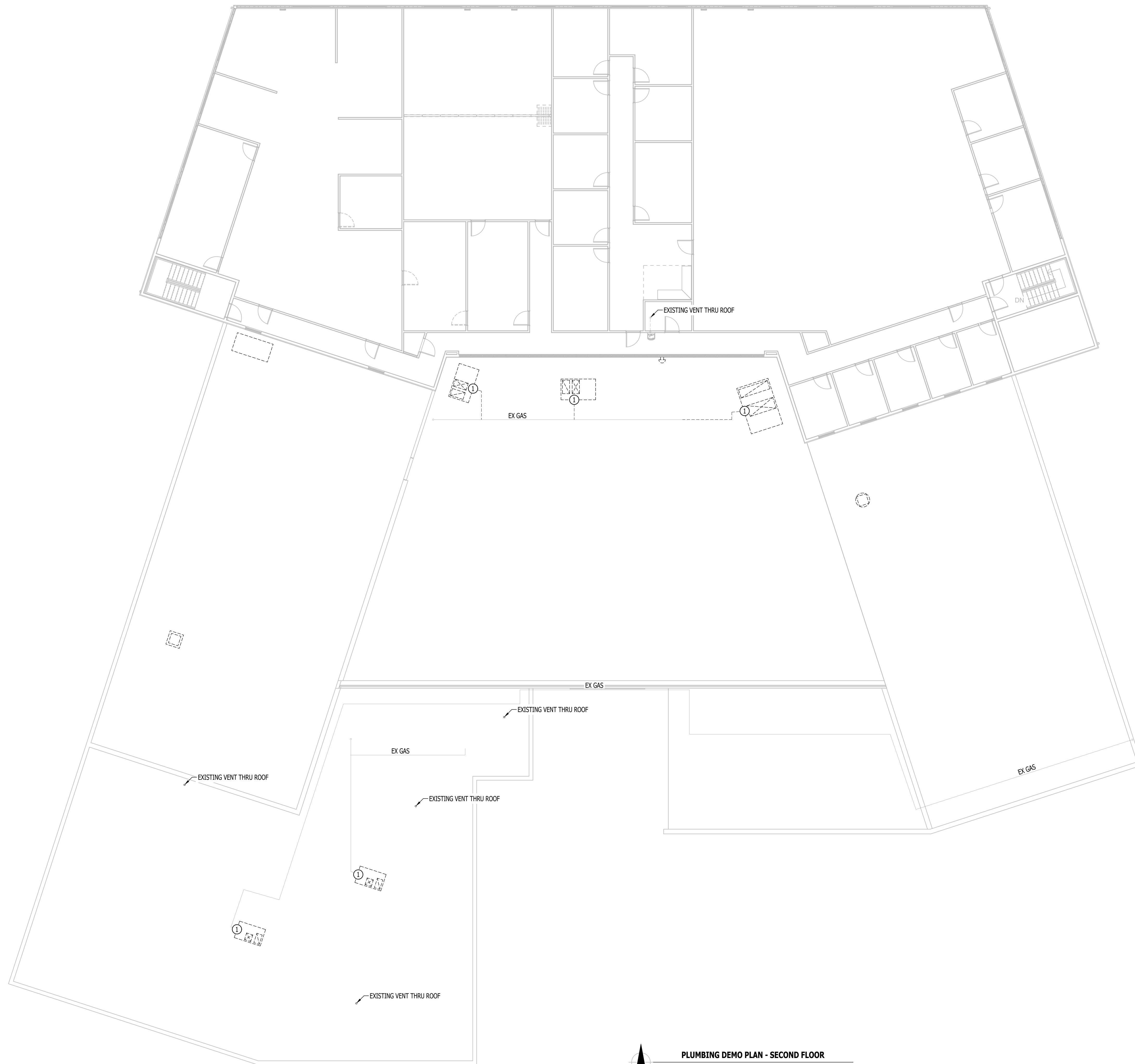
- PIPING TURNED DOWN / TURNED UP
- ✱ TIE INTO EXISTING
- - - DEMO GAS PIPING
- EXISTING GAS PIPING
- - - EXISTING VENT PIPING

PLUMBING DEMO PLAN GENERAL NOTES:

1. REFER TO SHEET P-501 FOR ADDITIONAL PLUMBING NOTES, DETAILS, REQUIREMENTS, AND SCHEDULES.
2. PLUMBING CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND COORDINATE LOCATION OF ALL EQUIPMENT, PIPING, HANGERS / SUPPORTS, ETC. WITH HVAC AND ELECTRICAL TRADES BEFORE INSTALLATION OF ANY MATERIAL. ADDITIONAL COSTS ASSOCIATED WITH LACK OF COORDINATION WILL NOT BE REIMBURSED.
3. ANY EXISTING SANITARY/VENT PIPING SHOWN IS FOR REFERENCE ONLY. PLUMBING CONTRACTOR TO FIELD VERIFY EXACT PIPING SIZE, LOCATIONS, DEPTH, DIRECTION, CONDITION, ETC. PRIOR TO INSTALLATION OF ANY MATERIAL AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

PLUMBING PLAN KEY NOTES:

- ① DEMOLISH GAS PIPE AS REQUIRED TO PREPARE FOR NEW HVAC UNIT CONNECTION. SEE WATER AND GAS PLANS FOR FURTHER DETAILS.



PLUMBING DEMO PLAN - SECOND FLOOR

SCALE: 3/32" = 1'-0"

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407

www.soa-inc.com

Simon Oswald Associates, Inc.

Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squareeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01

SITE # 6292

ASSET # 8136292001

REVISION	DATE

CAD DWG FILE:
DRAWN BY: RXM
CHECKED BY: JAP
DESIGNED BY: KEL

SHEET TITLE:

PLUMBING DEMO
PLAN - SECOND
FLOOR

SHEET NUMBER:

P-102

49 of 53 SHEETS
APRIL 7, 2026

SANITARY SEWER PLAN SYMBOL LEGEND

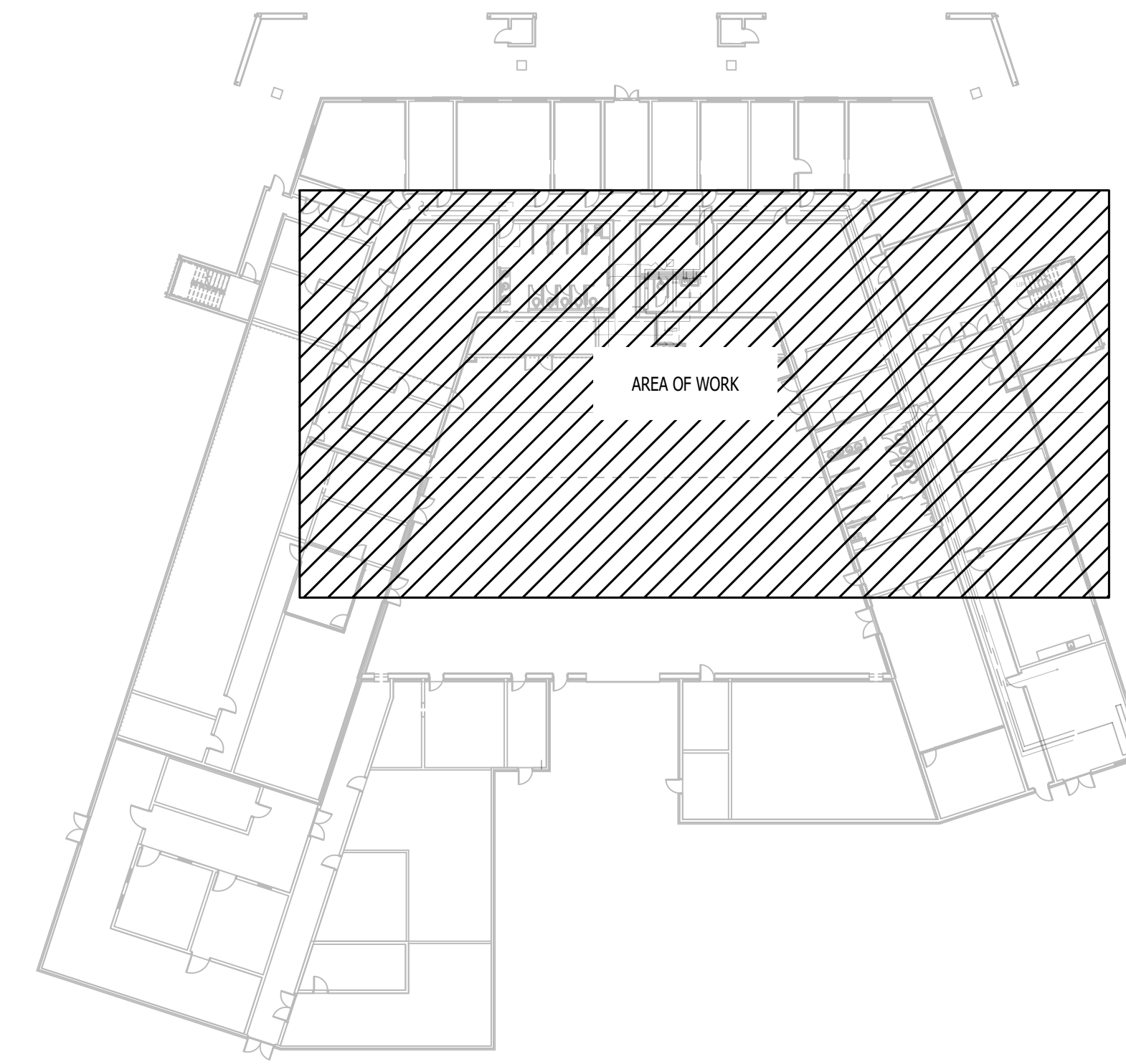
- SANITARY SEWER PIPING
- EXISTING SANITARY SEWER PIPING
- VENT PIPING
- EXISTING VENT PIPING
- > PIPING TURNED DOWN / TURNED UP
- * TIE INTO EXISTING

SANITARY SEWER PLAN GENERAL NOTES:

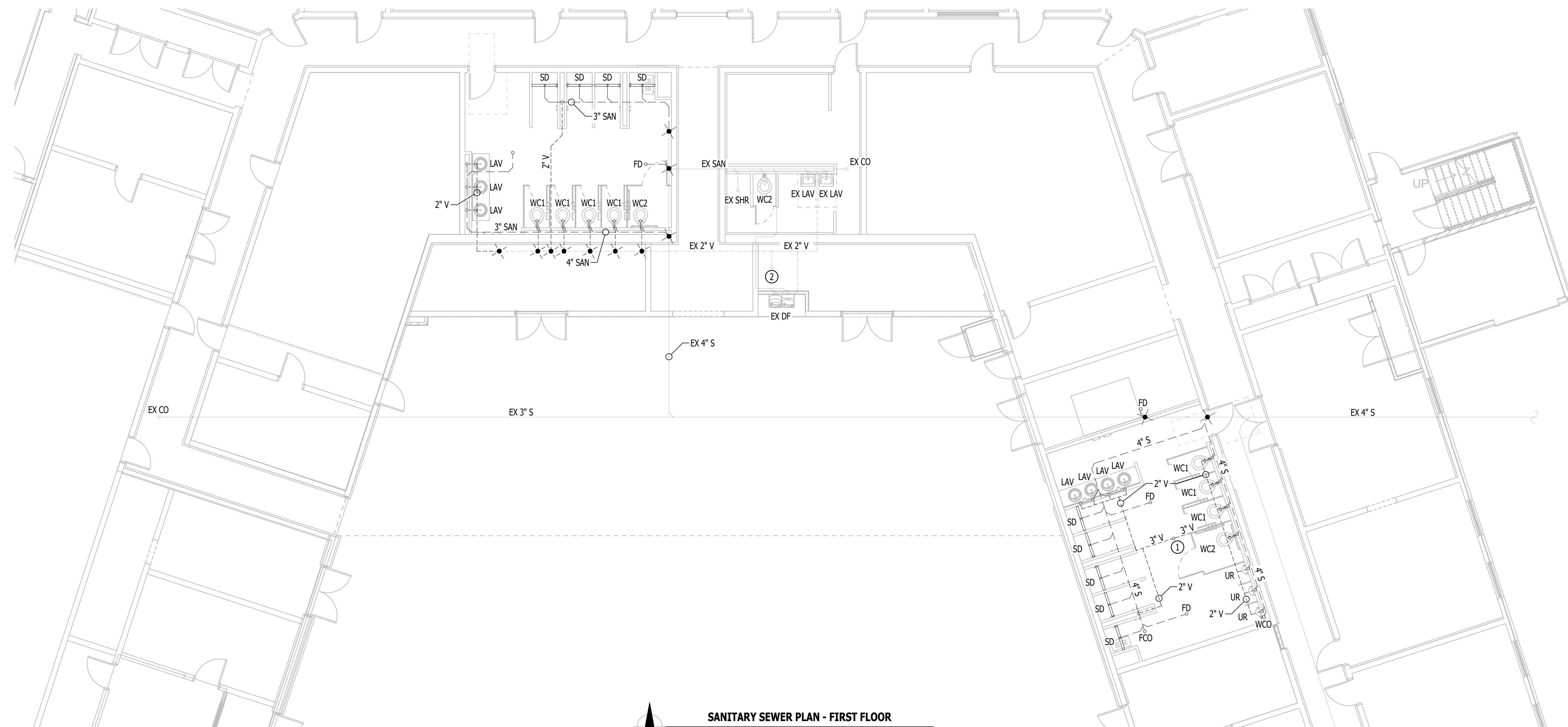
1. REFER TO SHEET P-501 FOR ADDITIONAL PLUMBING NOTES, DETAILS, REQUIREMENTS, AND SCHEDULES.
2. PLUMBING CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND COORDINATE LOCATION OF ALL EQUIPMENT, PIPING, HANGERS / SUPPORTS, ETC. WITH HVAC AND ELECTRICAL TRADES BEFORE INSTALLATION OF ANY MATERIAL. ADDITIONAL COSTS ASSOCIATED WITH LACK OF COORDINATION WILL NOT BE REIMBURSED.
3. ANY EXISTING SANITARY/VENT PIPING SHOWN IS FOR REFERENCE ONLY. PLUMBING CONTRACTOR TO FIELD VERIFY EXACT PIPING SIZE, LOCATIONS, DEPTH, DIRECTION, CONDITION, ETC. PRIOR TO INSTALLATION OF ANY MATERIAL AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

SANITARY SEWER PLAN KEY NOTES:

- ① 3" VTR.
- ② TIE INTO EXISTING VENT UP THROUGH SECOND FLOOR.



KEY PLAN



SANITARY SEWER PLAN - FIRST FLOOR

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

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680
PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407

www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squareheng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE:
DRAWN BY: RXM
CHECKED BY: JAP
DESIGNED BY: KEL

SHEET TITLE:

**SANITARY
SEWER PLAN -
FIRST FLOOR**

SHEET NUMBER:

P-103

50 of 53 SHEETS
APRIL 7, 2026

WATER & GAS PLAN SYMBOL LEGEND

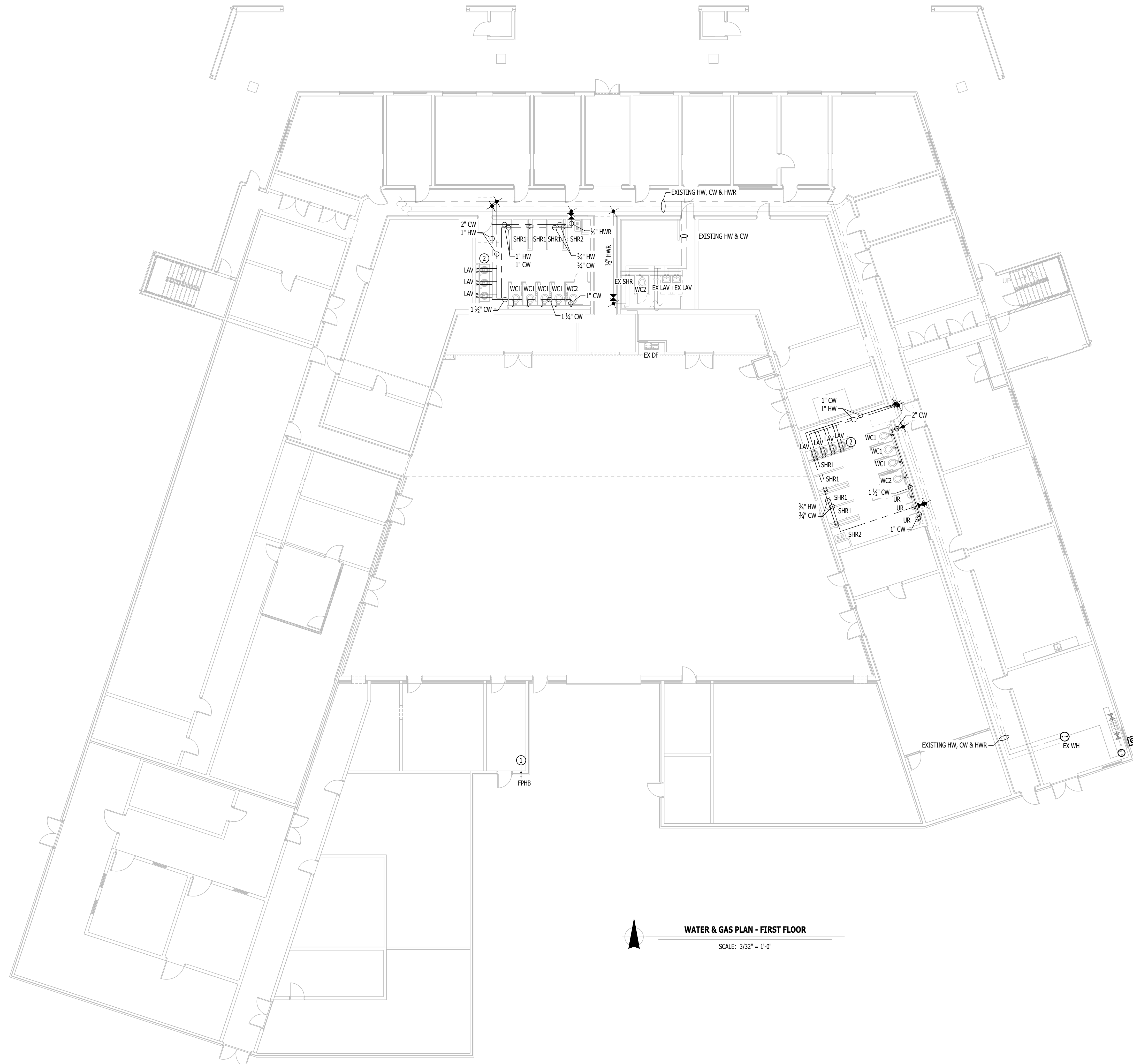
- COLD WATER LINE
- - - EXISTING COLD WATER LINE
- HOT WATER LINE
- - - EXISTING HOT WATER LINE
- HOT WATER RECIRCULATION LINE
- - - EXISTING HOT WATER RECIRCULATION LINE
- ✕ VALVE
- PUMP
- ○ PIPING TURNED DOWN / TURNED UP
- ✱ TIE INTO EXISTING

WATER & GAS PLAN GENERAL NOTES:

1. REFER TO SHEET P-501 FOR ADDITIONAL PLUMBING NOTES, DETAILS, REQUIREMENTS, AND SCHEDULES.
2. PLUMBING CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND COORDINATE LOCATION OF ALL EQUIPMENT, PIPING, HANGERS / SUPPORTS, ETC. WITH HVAC AND ELECTRICAL TRADES BEFORE INSTALLATION OF ANY MATERIAL. ADDITIONAL COSTS ASSOCIATED WITH LACK OF COORDINATION WILL NOT BE REIMBURSED.
3. ANY EXISTING WATER OR GAS PIPING SHOWN IS FOR REFERENCE ONLY. PLUMBING CONTRACTOR TO FIELD VERIFY EXACT PIPING SIZE, LOCATIONS, DEPTH, CONDITION, ETC. PRIOR TO INSTALLATION OF ANY MATERIAL AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

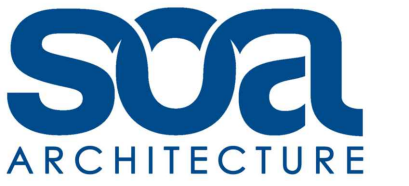
WATER & GAS PLAN KEY NOTES:

- ① CONNECT TO COLD 3/4" COLD WATER LINE IN THIS AREA ABOVE CEILING.
- ② PROVIDE AND INSTALL HOSE BIB (HB) UNDER SINK COUNTER.



Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407

www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squareheng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE:
DRAWN BY: RXM
CHECKED BY: JAP
DESIGNED BY: KEL

SHEET TITLE:

**WATER & GAS
PLAN - FIRST
FLOOR**

SHEET NUMBER:

P-104

51 of 53 SHEETS
APRIL 7, 2026

WATER & GAS PLAN SYMBOL LEGEND

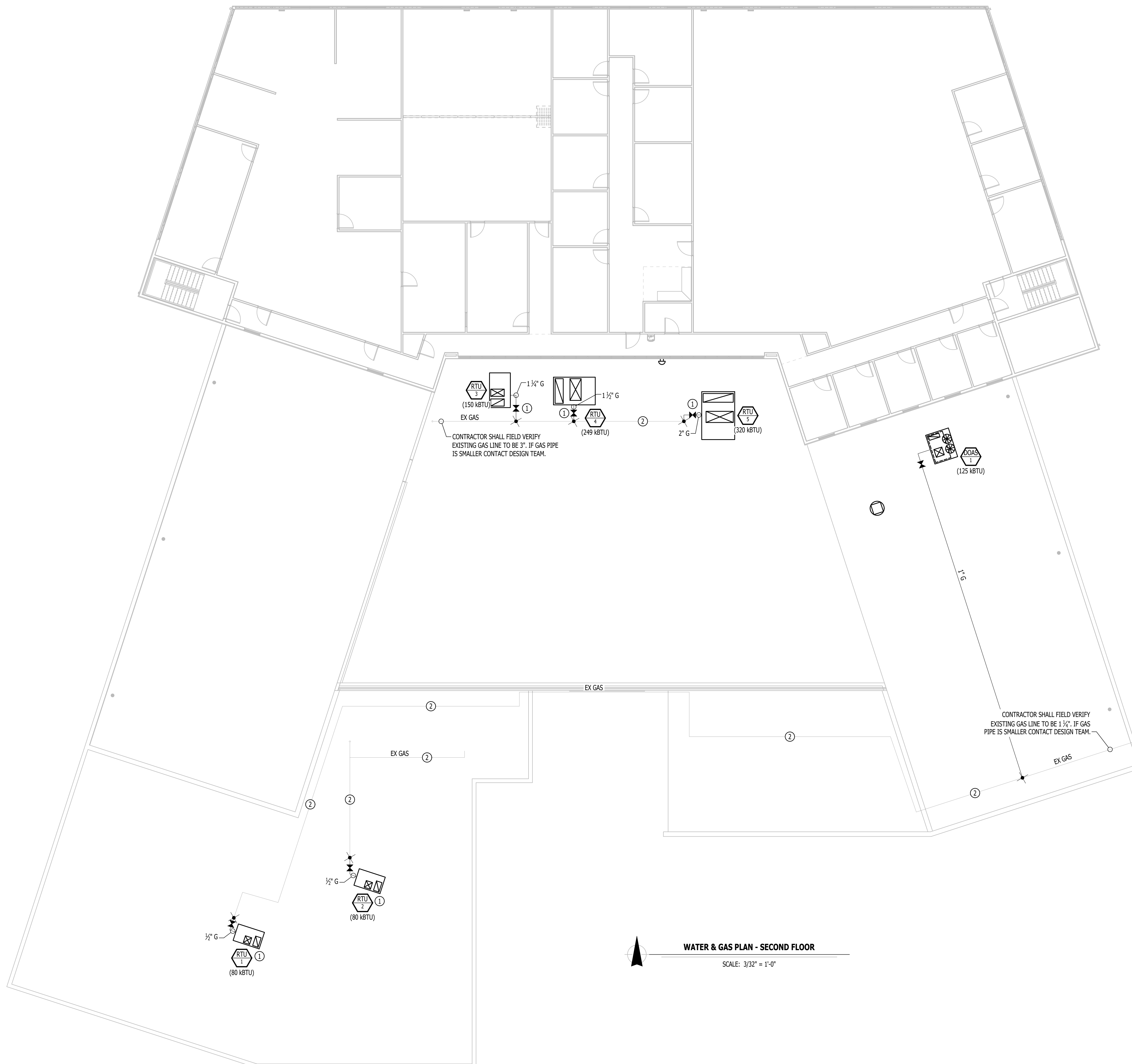
- COLD WATER LINE
- - - EXISTING COLD WATER LINE
- HOT WATER LINE
- - - EXISTING HOT WATER LINE
- HOT WATER RECIRCULATION LINE
- - - EXISTING HOT WATER RECIRCULATION LINE
- ✕ VALVE
- PUMP
- ○ PIPING TURNED DOWN / TURNED UP
- ✕ TIE INTO EXISTING

WATER & GAS PLAN GENERAL NOTES:

1. REFER TO SHEET P-501 FOR ADDITIONAL PLUMBING NOTES, DETAILS, REQUIREMENTS, AND SCHEDULES.
2. PLUMBING CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND COORDINATE LOCATION OF ALL EQUIPMENT, PIPING, HANGERS / SUPPORTS, ETC. WITH HVAC AND ELECTRICAL TRADES BEFORE INSTALLATION OF ANY MATERIAL. ADDITIONAL COSTS ASSOCIATED WITH LACK OF COORDINATION WILL NOT BE REIMBURSED.
3. ANY EXISTING WATER OR GAS PIPING SHOWN IS FOR REFERENCE ONLY. PLUMBING CONTRACTOR TO FIELD VERIFY EXACT PIPING SIZE, LOCATIONS, DEPTH, CONDITION, ETC. PRIOR TO INSTALLATION OF ANY MATERIAL AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

WATER & GAS PLAN KEY NOTES:

- ① RECONNECT NEW RTU TO EXISTING GAS LINE IN THIS AREA.
- ② COORDINATE TEMPORARY SUPPORT OF EXISTING GAS LINES FOR ROOF WORK WITH ROOFING CONTRACTOR. PROVIDE PERMANENT SUPPORT FOR EXISTING GAS LINES PER DETAIL. COORDINATE WITH ROOFING CONTRACTOR.



WATER & GAS PLAN - SECOND FLOOR
SCALE: 3/32" = 1'-0"



Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680

PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407

www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squareeng.com

**OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION**

**DEPARTMENT OF MISSOURI
NATIONAL GUARD**

**JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR**

**801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI**

PROJECT # **T2505-01**
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE: _____
DRAWN BY: RXM _____
CHECKED BY: JAP _____
DESIGNED BY: KEL _____

SHEET TITLE:

**WATER & GAS
PLAN - SECOND
FLOOR**

SHEET NUMBER:

P-105



Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680
PROFESSIONAL SEAL



Architecture
Interior Design
Planning
Sustainability
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com
Simon Oswald Associates, Inc.
Missouri Certificate of
Authority Number: 000826

CIVIL ENGINEER:
601 MONROE STREET, SUITE 201
JEFFERSON CITY, MO 65101-3180
PH: 573-634-3181
www.bartlettwest.com

MEP ENGINEER:
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squareeng.com

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MISSOURI
NATIONAL GUARD

JEFFERSON CITY
READINESS CENTER
BUILDING 1 - REPAIRS TO
INTERIOR / EXTERIOR

801 ARMORY DRIVE,
JEFFERSON CITY,
MISSOURI

PROJECT # T2505-01
SITE # 6292
ASSET # 8136292001

REVISION	DATE

CAD DWG FILE:
DRAWN BY: RXM
CHECKED BY: JAP
DESIGNED BY: KEL

SHEET TITLE:

PLUMBING
DETAILS &
SCHEDULES

SHEET NUMBER:

P-501

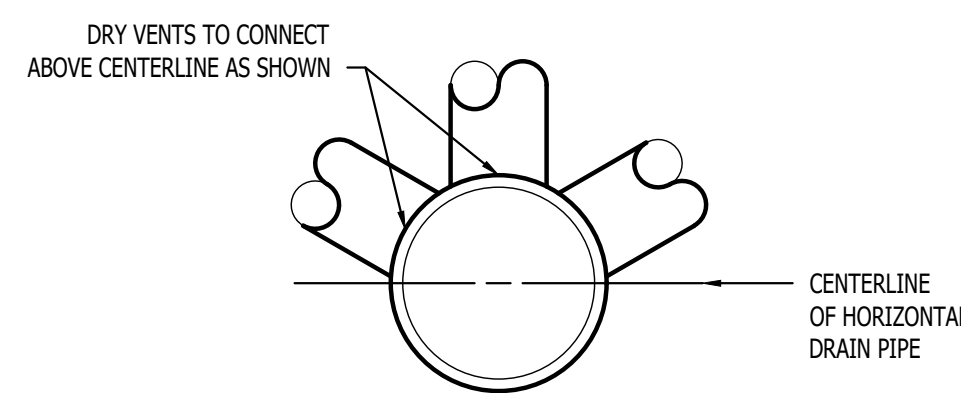
53 of 53 SHEETS
APRIL 7, 2026

PLUMBING FIXTURE SCHEDULE				
TAG	DESCRIPTION	MANUFACTURER (OR EQUAL)	MODEL (OR EQUAL)	NOTES
FD	FLOOR DRAIN	ZURN	Z415-BZ	WITH Z1072 TRAP SEAL
FPHB	FROST PROOF HOSE BIB	WOODFORD	MODEL 67	
HB	HOSE BIB	JR SMITH	5670-H	INTERIOR HOSE BIB WITH VACUUM BREAKER
LAV	LAVATORY (INTERGAL SINK)			WITH ZURN Z81104-XL FAUCET, 1/4 TURN STOPS, AND BRAIDED STAINLESS STEEL SUPPLIES
SHR1	SHOWER VALVE AND HEAD	MOEN	POST-TEMP SHOWER VALVE	SHOWER TRIM KIT
SHR2	ADA SHOWER VALVE AND HEAD	MOEN	POST-TEMP SHOWER VALVE	HANDHELD SHOWER ASSEMBLY, TRIM KIT, GAB BARS AND SEAT.
SD	SHOWER DRAIN	JR SMITH	9667-F	WITH FLASHING FLANGE
UR	URINAL - MANUAL FLUSH	AMERICAN STANDARD	6550.001	WITH ZURN Z6003AV-WS1 MANUAL FLUSH VALVE (1.0 GPM/FLUSH)
WC1	WATER CLOSET - STANDARD HEIGHT - MANUAL FLUSH VALVE	AMERICAN STANDARD	2234.001	WITH ZURN Z6000AV-WS1 MANUAL FLUSH VALVE (1.6 GPM/FLUSH) AND CHURCH 9500SSCT SELF SUSTAINING SEAT
WC2	WATER CLOSET - ADA HEIGHT - MANUAL FLUSH VALVE	AMERICAN STANDARD	3043.001	WITH ZURN Z6000AV-WS1 MANUAL FLUSH VALVE (1.6 GPM/FLUSH) AND CHURCH 9500SSCT SELF SUSTAINING SEAT

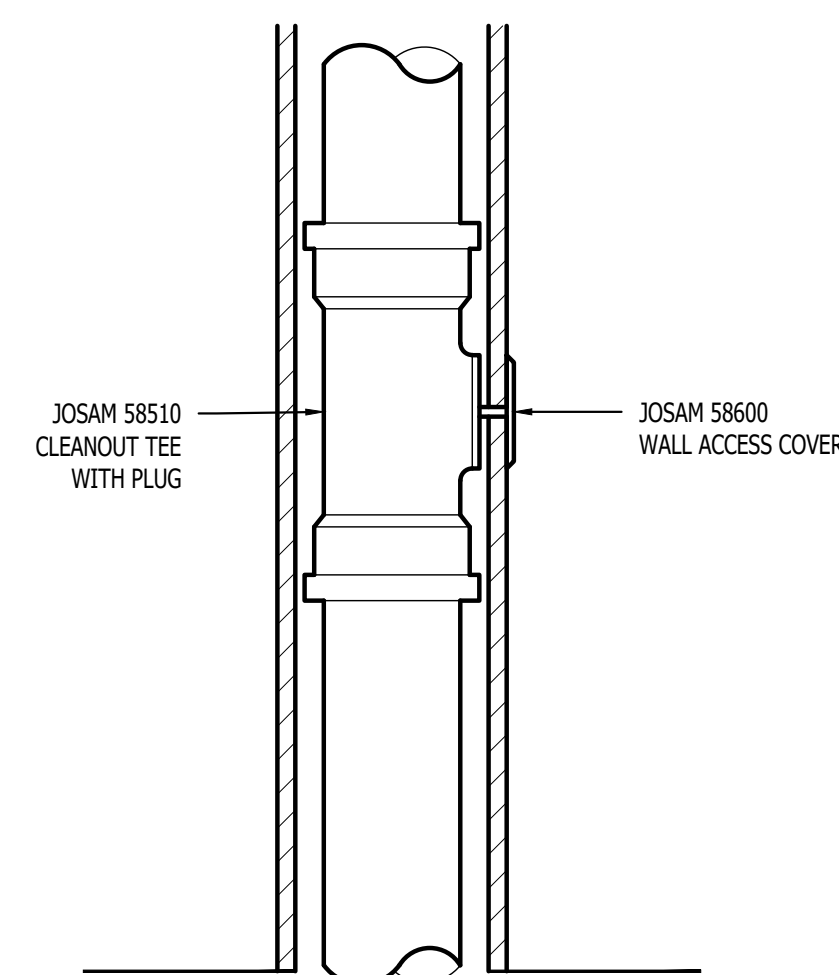
NOTES:
1. VERIFY NECESSARY FIXTURES MEET ADA REQUIREMENTS WITH ARCHITECT PRIOR TO INSTALLATION.
2. VERIFY FIXTURE FINISHES WITH OWNER / ARCHITECT.

PLUMBING CONNECTION SIZING SCHEDULE					
FIXTURE	TYPICAL ABBREVIATION	SANITARY PIPING		SUPPLY PIPING	
		WASTE CONNECTION	VENT CONNECTION	COLD WATER CONNECTION	HOT WATER CONNECTION
DRINKING FOUNTAIN	DF	1-1/2"	1-1/4"	1/2"	-
FLOOR DRAIN	FD	3"	2"	-	-
HAND / HAIR SINK	HS / SK	2"	1-1/4"	1/2"	1/2"
HOSE BIBB	HB	-	-	3/4"	-
LAVATORY	LAV	1-1/2"	1-1/4"	1/2"	1/2"
MOP SINK	MS	3"	1-1/2"	1/2"	1/2"
ICE MAKER OUTLET BOX	REF	-	-	1/2"	-
SHOWER	SH	3"	1-1/2"	1/2"	1/2"
URINAL	UR	2"	1-1/4"	3/4"	-
WATER CLOSET (FLUSH TANK)	WC	3"	2"	1/2"	-
WATER CLOSET (FLUSH VALVE)	WC	3"	2"	1"	-

NOTES:
1. SIZES SHOWN ABOVE ARE TYPICAL UNLESS NOTED OTHERWISE ON PLANS



DRY VENT DETAIL

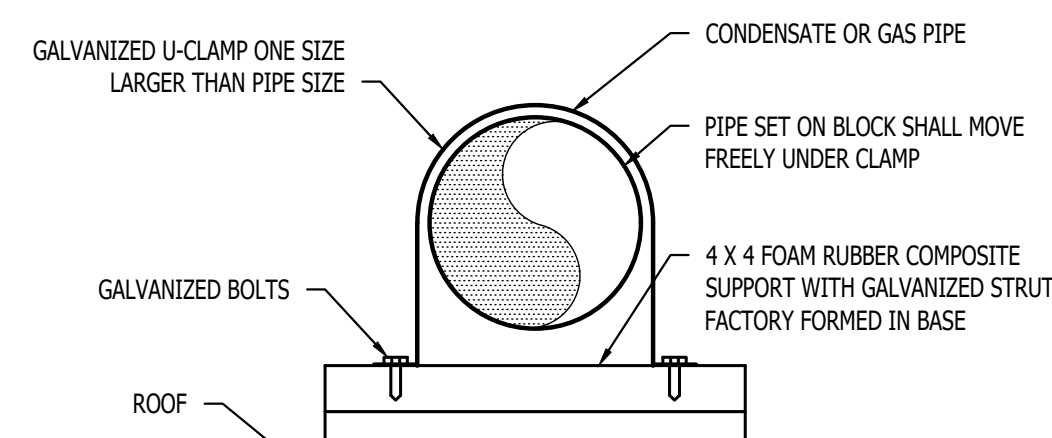


NOTES:

1. PROVIDE AT BASE OF EACH MULTIPLE FIXTURE STACK
2. REQUIRED ON STORM DOWNSPOUTS
3. COORDINATE LOCATION WITH ARCHITECT PRIOR TO ROUGH IN

WALL CLEANOUT DETAIL

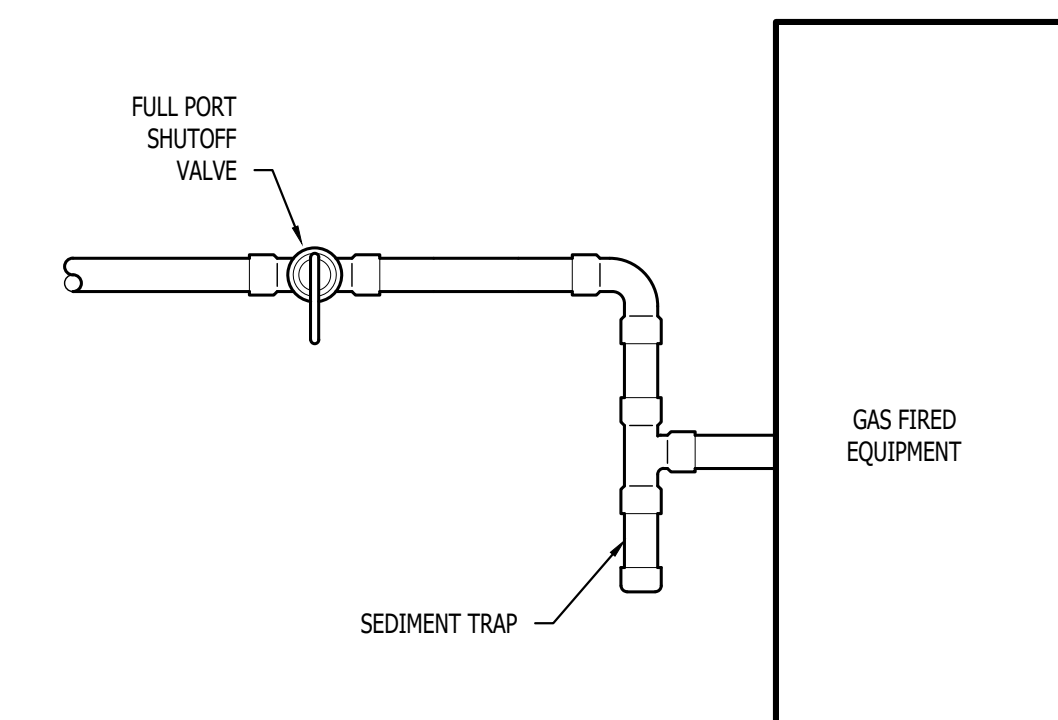
(STORM AND SANITARY)



STEEL PIPE NOMINAL SIZE OF PIPE (IN.)	SPACING OF SUPPORTS (FT.)
1/2"	6
3/4" OR 1"	8
1 1/4" OR LARGER (HORIZONTAL)	10

NOTE:
INSTALL SUPPORTS ACCORDING TO NATIONAL FUEL GAS CODE 2015 EDITION

PIPE SUPPORT DETAIL



GAS EQUIPMENT SUPPLY DETAIL W/O REGULATOR