



637 W College St
Springfield, MO 65806
417-885-0002
paragonarchitecture.com

Addendum (ADD) #01

Project:	20-602: Marshfield Early Childhood Center
Client:	Marshfield R-I School District
Date:	June 15, 2021

This addendum shall modify the drawings and specification requirements as herein noted. However, this addendum shall not relieve the general contractor or sub-contractors of any responsibility under the plans and specifications except as amended herein.

GENERAL:

1. *PEMB Modifications:*
 - a. Revise
 - i. Area B building footprint was revised to accommodate revised PEMB main frame sizes within this area. The design intent is that the revised main frames will match the main frames at the ECSE classrooms.
 - ii. Roof overhangs were updated to match typical soffit dimensions and slimline canopy requirements.

DRAWINGS:

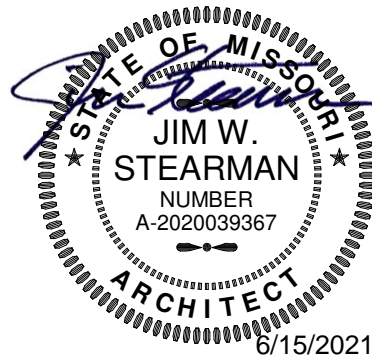
1. *Sheet G0-1 – Area A Code Plan:*
 - a. Revise, Detail 1
 - i. Building footprint adjustments at Corridor 028 and Mechanical 053.
2. *Sheet G0-2 – Area B Code Plan:*
 - a. Revise, Detail 1
 - i. Building footprint adjustments at north exterior walls and south exterior walls.
3. *Sheet A1-0 – Floor Plan - Area A:*
 - a. Revise, Detail 1
 - i. Building footprint adjustments at Corridor 028 and Mechanical 053.
4. *Sheet A1-1 – Floor Plan – Area B:*
 - a. Revise, Detail 1
 - i. Building footprint adjustments at north exterior walls and south exterior walls.
5. *Sheet A1-2 – Plan Details:*
 - a. Revise, Detail 8 & 9
 - i. Details revised to reflect revised grid line placement.
6. *Sheet A1-3 – Plan Details:*
 - a. Revise, Detail 2
 - i. Details revised to reflect revised grid line placement.
 - ii. Details revised to reflect revised grid line placement.
7. *Sheet A2-0 – Overall Roof Plan:*
 - a. Revise, Detail 1
 - i. Building overhang adjustments.
8. *Sheet A2-1 – Roof Plan – Area A:*
 - a. Revise, Detail 1
 - i. Building overhang adjustments.
9. *Sheet A2-2 – Roof Plan – Area B:*
 - a. Revise, Detail 1
 - i. Building overhang adjustments.
10. *Sheet A5-7 – Details:*
 - a. Revise, Details 1 - 3
 - i. Details revised to reflect revised grid line placement and overhang dimensions.
11. *Sheet A5-8 – Details:*
 - a. Revise, Details 1 - 6
 - i. Details revised to reflect revised grid line placement and overhang dimensions.
12. *Sheet A8-0 – Reflected Ceiling Plan – Area A:*



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- a. Revise, Detail 1
 - i. Building footprint adjustments at Corridor 028 and Mechanical 053.
 - ii. Building overhang adjustments.
- 13. *Sheet A8-1 – Reflected Ceiling Plan – Area B:*
 - a. Revise, Detail 1
 - i. Building footprint adjustments at north exterior walls and south exterior walls.
 - ii. Building overhang adjustments.
- 14. *Sheet A9-0 – Finish Plan – Area A:*
 - a. Revise, Detail 1
 - i. Building footprint adjustments at Corridor 028 and Mechanical 053.
 - ii. Building overhang adjustments.
- 15. *Sheet A9-1 – Finish Plan – Area B:*
 - a. Revise, Detail 1
 - i. Building footprint adjustments at north exterior walls and south exterior walls.
 - ii. Building overhang adjustments.
- 16. *Consultant Drawings:*
 - a. Revise
 - i. Civil, Structural and MEP Drawings
 - 1. Please see attached.

END OF ADDENDUM



6/15/2021
JIM W. STEARMAN, ARCHITECT
MO #: A-2020039367

ADDENDUM 01

DATE: June 15, 2021

ISSUED BY: Toth and Associates Inc.
Civil Engineer of Record

PROJECT: Marshfield Early Childhood Center

The attached revisions hereby supersede any and all information for which they may conflict as indicated on the Drawings, Specifications and related documents issued in the original contract set. The contractor and any affected sub-contractor is responsible for modifications to their work caused by changes in the work of other trades. This addendum is a part of and shall be attached to the original set of plans and specifications for the work.

GENERAL CLARIFICATIONS:

1. The building footprint for the Early Childhood Center was revised.

DRAWING REVISIONS:

1. Sheet C201, C202, C204, C301, C303, and C401 have been updated to accommodate the revised building footprint.

END OF ADDENDUM 01



ADDENDUM 01

DATE: 6/15/2021

GENERAL

- This Addendum is incorporated into the Contract Documents for the Project referenced below.

STRUCTURAL ITEMS

ACCEPTED PRODUCT/MANUFACTURER SUBSTITUTIONS

- None this addendum

GENERAL CLARIFICATIONS

- None this addendum

CHANGES TO THE SPECIFICATIONS

- None this addendum

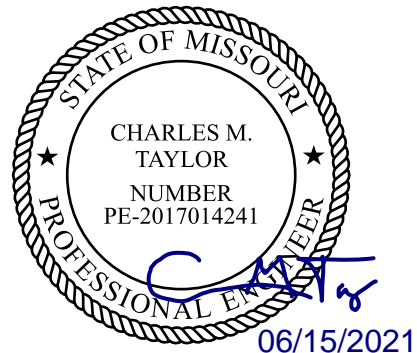
CHANGES TO THE DRAWINGS

- S1-1
 - Revised classroom wing slab edge dimensions & column layout to coordinate with latest PEMB supplier plans.
- S1-2
 - Revised classroom wing slab edge dimensions & column layout to coordinate with latest PEMB supplier plans.
- S2-1
 - Revised Detail 9 to graphically show the PEMB column aligned with the slab edge to coordinate with the plans.
- S3-1
 - Revised PEMB overhang dimensions to coordinate the latest PEMB supplier plans.
 - Revised classroom wing size & column layout to coordinate with latest PEMB supplier plans.
- S3-2
 - Revised PEMB overhang dimensions to coordinate the latest PEMB supplier plans.
 - Revised classroom wing size & column layout to coordinate with latest PEMB supplier plans.

ATTACHMENTS

- S1-1
- S1-2
- S2-1
- S3-1
- S3-2

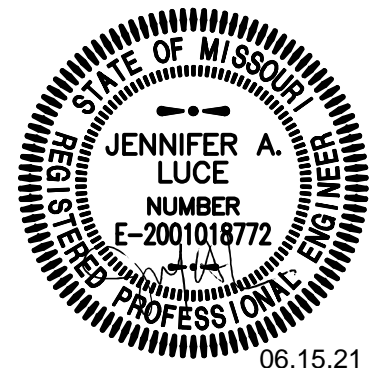
END OF ADDENDUM





ADDENDUM 1

**PROJECT: MARSHFIELD EARLY CHILDHOOD CENTER
MARSHFIELD, MO**



DATE: 06-15-2021

General: This addendum shall be incorporated into the Contract Documents for the Project referenced above and does not relive responsibility for requirements in other areas of the construction documents except as herein specifically stated.

MECHANICAL ITEMS (DIVISIONS 21, 22, & 23)

ACCEPTED PRODUCT/MANUFACTURER SUBSTITUTIONS

1. Subject to compliance with the drawings and specifications, Carrier shall be an approved equivalent manufacturer for Dedicated Outside Air System (DOAS) units. Follow instructions on architect's bid form.
2. Subject to compliance with the drawings and specifications, Carrier shall be an approved equivalent manufacturer for Packaged Rooftop Units. Follow instructions on architect's bid form.
3. Subject to compliance with the drawings and specifications, Carrier shall be an approved equivalent manufacturer for the VRF system. Follow instructions on architect's bid form.

GENERAL CLARIFICATIONS

1. Variable speed or digital compressors shall be acceptable for the rooftop units and DOAS units.

CHANGES TO THE SPECIFICATIONS

1. Division 23 – HVAC; Section 23-62 Building Automation System.
 - a. Subparagraph 3.F; Include the following contact information for CTS Group;
 - i. Mike Tennenbaum
 - ii. Mobile: 314.616.6588
 - iii. Email: mtennenbaum@ctsgroup.com
2. Division 23 – HVAC; Section 23-60 Variable Refrigerant Flow (VRF) Fan Coil Units;
 - a. The VRF equipment controls shall interface with the school districts existing Tridium Niagara framework. The VRF manufacturer shall fully coordinate with the control contractor, CTS Group, prior to bid to provide all requirement equipment and controls to provide a complete and fully integrated system with the Tridium Niagara system.

CHANGES TO THE DRAWINGS

1. Reference Sheet ME2, "MEP Site Plan, 1/ME2":
 - a. Full size sheet re-issued for revised building footprint.
2. Reference Sheet ME3, "MEP Roof Plan, 1/ME3":
 - a. Full size sheet re-issued for revised building footprint.
3. Reference Sheet M2, "Area 'B' Underground Plumbing Plan, 1/M2":
 - a. Full size sheet re-issued for revised building footprint.
4. Reference Sheet M3, "Area 'A' Plumbing Plan, 1/M3":
 - a. See revised full size sheet for added shock absorbers.
5. Reference Sheet M4, "Area 'B' Plumbing Plan, 1/M4":
 - a. Full size sheet re-issued for revised building footprint.
 - b. Coordinate gas piping with downspout in same area. See revised full size sheet.

- c. See revise full size sheet for added shock absorbers.
- 6. Reference Sheet M6, "Area 'B' HVAC Plan, 1/M6":
 - a. Full size sheet re-issued for revised building footprint.
- 7. Reference Sheet M8, "Area 'B' HVAC Piping Plan, 1/M8":
 - a. Full size sheet re-issued for revised building footprint.
- 8. Sheet M11; BAS General Requirements, Add the following.
 - a. The control contractor shall integrate the new VRF system into the school district's existing Tridium Niagara framework. Fully coordinate with the VRF manufacturer to provide complete integration of all available points for monitoring and setpoint adjustment.

ELECTRICAL ITEMS (DIVISION 26)

ACCEPTED PRODUCT/MANUFACTURER SUBSTITUTIONS

None this addendum

GENERAL CLARIFICATIONS

None this addendum

CHANGES TO THE SPECIFICATIONS

None this addendum

CHANGES TO THE DRAWINGS

- 1. Reference Sheet E1, "Area 'A' Lighting Plan, 1/E1":
 - a. See revised full size sheet for changes to the lighting controls in restrooms 021 and 058.
- 2. Reference Sheet E2, "Area 'B' Lighting Plan, 1/E2":
 - a. Full size sheet re-issued for revised building footprint.
 - b. See revised full size sheet for changes to the restroom lighting and controls.
- 3. Reference Sheet M4, "Area 'B' Power Plan, 1/E4":
 - a. Full size sheet re-issued for revised building footprint.
 - b. Omit receptacle shown in restroom 049.
 - c. Cable tray from main IT room shall be 18"x4".

ATTACHMENTS

Full size sheets ME2, ME3, M2, M3, M4, M6, M8, E1, E2, and E4.

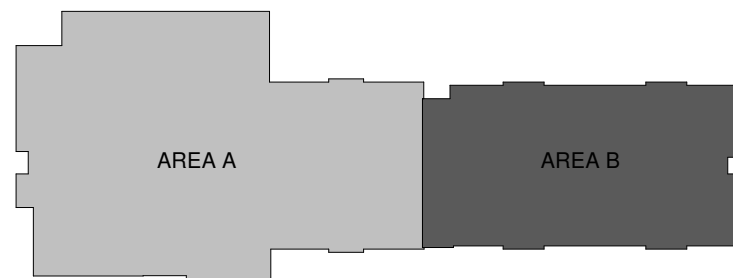
END OF ADDENDUM NUMBER 1

1

AREA A: CODE PLAN

SCALE 1/8" = 1'-0"

AREA PLAN LEGEND



FIRE EXTINGUISHER LEGEND

(ARROW INDICATES WHICH WALL TO PLACE EXTINGUISHER)

- F1 → NON-RATED FIRE EXTINGUISHER CABINET
MOUNT - SEMI RECESSED
MOUNTING HEIGHT - MUST MEET ADAAG REQUIREMENTS
- F2 → RATED FIRE EXTINGUISHER CABINET
MOUNT - SEMI RECESSED
MOUNTING HEIGHT - MUST MEET ADAAG REQUIREMENTS

APPLICABLE CODES & STANDARDS

2012 ICC INTERNATIONAL CODE COUNCIL ALL REFERENCE STANDARDS
ICC INTERNATIONAL BUILDING CODE
ICC INTERNATIONAL PLUMBING CODE
ICC INTERNATIONAL MECHANICAL CODE
ICC INTERNATIONAL FIRE CODE
2014 NATIONAL ELECTRIC CODE (NEC)
2010 ADAAG AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES
2009 ANSI A117.1 GUIDELINES FOR ACCESSIBLE & USABLE BUILDING & FACILITIES

GENERAL PROJECT INFORMATION

USER GROUP: EDUCATION GROUP 'E' (PRIMARY)
ASSEMBLY GROUP 'A-3', BUSINESS GROUP 'B', STORAGE 'S-1', KITCHEN 'K'
CONSTRUCTION TYPE: IIB
SPRINKLERED: YES
GROSS BUILDING AREA: 24,200 SF

SPECIAL REQUIREMENTS (IBC CHAPTER 4)

SECTION 423.1: STORM SHELTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH ICC-500.

GENERAL BUILDING HEIGHTS AND AREAS (IBC CHAPTER 5)

PER TABLE 504.3: MAXIMUM 55'-0" ABOVE GRADE PLANE ALLOWED, 24'-0" PROVIDED.
PER TABLE 504.4: MAXIMUM 2 STORIES ABOVE GRADE PLANE ALLOWED, 1 STORY PROVIDED.
PER TABLE 506.2: MAXIMUM 68,340 SF ALLOWED, REFER TO BUILDING SQUARE FOOTAGE LISTED ABOVE.

FIRE RESISTANCE RATINGS (IBC CHAPTER 6)

CONSTRUCTION TYPE: IIB

PRIMARY STRUCTURAL FRAME: 0 HOURS
BEARING WALLS (EXTERIOR AND INTERIOR): 0 HOURS
NON-BEARING WALLS AND PARTITIONS EXTERIOR: IF FIRE SEPARATION IS 5'-X-10'= 1 HOUR, OTHERWISE, 0 HOURS.
NON-BEARING WALLS AND PARTITIONS INTERIOR: 0 HOURS
FLOOR CONSTRUCTION: 0 HOURS
ROOF CONSTRUCTION: 0 HOURS

** NOT LESS THAN FIRE RESISTANCE RATINGS REQUIRED BY OTHER SECTIONS OF CODE

FIRE AND SMOKE PROTECTION FEATURES (IBC CHAPTER 7)

EXTERIOR WALLS: 0 HOURS - NONE REQUIRED
FIRE WALLS: 3 HOURS - NONE REQUIRED
FIRE BARRIERS: 2 HOURS - NONE REQUIRED

INTERIOR FINISHES (IBC CHAPTER 8)

TABLE 803.11 INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY

INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGeways: B
CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS: C
ROOMS AND ENCLOSED SPACES: C

FIRE PROTECTION SYSTEMS (IBC CHAPTER 9)

AUTOMATIC SPRINKLER SYSTEM

USE GROUP EDUCATION 'E' THROUGHOUT ALL GROUP 'E' FIRE AREAS GREATER THAN 12,000 SF

PORTABLE FIRE EXTINGUISHERS

SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 10 AND INTERNATIONAL FIRE CODE. SEE PLAN FOR LOCATIONS & TYPE.

FIRE ALARM AND DETECTION SYSTEM

MANUAL FIRE ALARM SYSTEM IS REQUIRED

MEANS OF EGRESS INFORMATION (IBC CHAPTER 10)

SECTION 1004 OCCUPANT LOAD

CALCULATED OCCUPANT LOADING PER TABLE 1004.1.2
ACCESSORY STORAGE AND MEP ROOMS 300 SF GROSS
ASSEMBLY AREA 15 SF NET
EDUCATIONAL CLASSROOM AREAS 35 SF NET
*REQUIREMENT BASED ON STATE REGULATIONS FOR LICENSED CHILD CARE CENTERS
BUSINESS AREAS 100 SF GROSS
KITCHEN/COMMERCIAL 200 SF GROSS

REFER TO OCCUPANT LOAD SCHEDULE FOR TOTAL CALCULATED OCCUPANT LOAD.

SECTION 1005 MEANS OF EGRESS SIZING

CORRIDORS AND EGRESS COMPONENTS: 0.15' PER OCCUPANT (S)

SECTION 1006 NUMBER OF EXITS AND EXIT ACCESS DOORWAYS

PER TABLE 1006.2.1:
GROUP E OCCUPANCY SPACES WITH <49 OCCUPANTS 1 EXIT REQUIRED
GROUP B OCCUPANCY SPACES WITH <49 OCCUPANTS 1 EXIT REQUIRED
GROUP S OCCUPANCY SPACES WITH <29 OCCUPANTS 1 EXIT REQUIRED
COMMON PATH OF TRAVEL: 75' MAX (S)
PER SECTION 1015.6: DAY CARE FACILITIES, ROOMS, OR SPACES WHERE CARE IS PROVIDED FOR 10 CHILDREN THAT ARE 2-1/2 YEARS OF AGE OR LESS, SHALL HAVE ACCESS TO NOT LESS THAN TWO EXITS OR EXIT ACCESS DOORWAYS.

SECTION 1006 NUMBER OF EXITS AND EXIT ACCESS DOORWAYS

PER TABLE 1006.3.1:
STORIES WITH 1-500 OCCUPANTS 2 EXITS REQUIRED
REFER TO OCCUPANT LOAD SCHEDULE FOR TOTAL OCCUPANCY LOAD.

SECTION 1007 EXIT AND EXIT ACCESS DOORWAY CONFIGURATION

EXITS SHALL BE PLACED A DISTANCE APART EQUAL TO NOT LESS THAN 1/2 OF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE BUILDING OR AREA TO BE SERVED MEASURED IN A STRAIGHT LINE BETWEEN THEM.

SECTION 1016 EXIT ACCESS TRAVEL DISTANCE

SHALL NOT EXCEED 250 FEET IN PROVIDED OCCUPANCY GROUPS.

SECTION 1018 CORRIDORS

PER TABLE 1018.01: CORRIDORS IN OCCUPANCY GROUP 'E' SERVING >30 OCCUPANTS SHALL BE FIRE RESISTANT RATED 0 HOUR.
PER TABLE 1018.02: REQUIRED CAPACITY OF CORRIDORS SHALL NOT BE LESS THAN 44".
PER 1018.4: DEAD END CORRIDORS SHALL BE LIMITED TO 50 FEET IN LENGTH.

PLUMBING SYSTEMS (IBC SECTION 2902)

WATER CLOSETS REQUIRED: 11 REQUIRED (1 PER 50 OCCUPANTS)
27 PROVIDED
LAVATORIES REQUIRED: 11 REQUIRED (1 PER 50 OCCUPANTS)
29 PROVIDED
DRINKING FOUNTAINS REQUIRED: 6 REQUIRED (1 PER 100 OCCUPANTS)
(2) HIGH-LOW W/ BOTTLE FILLERS PROVIDED
SERVICE SINKS REQUIRED: 1 REQUIRED, 2 PROVIDED

DEFERRED SUBMITTAL LIST

THE FOLLOWING LIST IS OF SUBMITTALS THAT THE DESIGN TEAM RECOGNIZES REQUIRE SUBMISSION TO THE AUTHORITY FOR REVIEW THAT ARE NOT AVAILABLE BEFORE CONTRACTOR INVOLVEMENT AND/OR CREATION. THE FOLLOWING WILL BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION FOR REVIEW BEFORE CONSTRUCTION OF THE ASSOCIATED BUILDING ELEMENTS.

- AUTOMATIC FIRE SUPPRESSION SYSTEM
- PRE-ENGINEERED METAL BUILDING

FIRE RESISTANCE RATING LEGEND

SMOKE PARTITION	=====
SMOKE BARRIER	=====
1/2-HOUR FIRE RESISTANCE RATING	=====
1-HOUR FIRE RESISTANCE RATING	=====
2-HOUR FIRE RESISTANCE RATING	=====
3-HOUR FIRE RESISTANCE RATING	=====
4-HOUR FIRE RESISTANCE RATING	=====



JIM W. STEARMAN, ARCHITECT
MO # A-2020039367

6/15/2021

THESE PRINTS ARE THE PROPERTY OF PARAGON ARCHITECTURE, LLC AND SHALL BE USED ONLY FOR THE PROJECT REFERENCE BELOW.

MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-201600415

PARAGON

ARCHITECTURE

637 COLLEGE STREET, SPRINGFIELD, MO 65806
PH: 417.885.0002
www.paragonarchitecture.com

REVISION SCHEDULE

1 ADD-01 2021.06.14

PROJECT DESCRIPTION: MARSHFIELD EARLY CHILDHOOD CENTER

SHEET NUMBER:

20-602

PROJECT NUMBER:

600 N Locust St. Marshfield, MO 65706

DATE:

2021.06.09

PROJECT ARCHITECT:

BEE

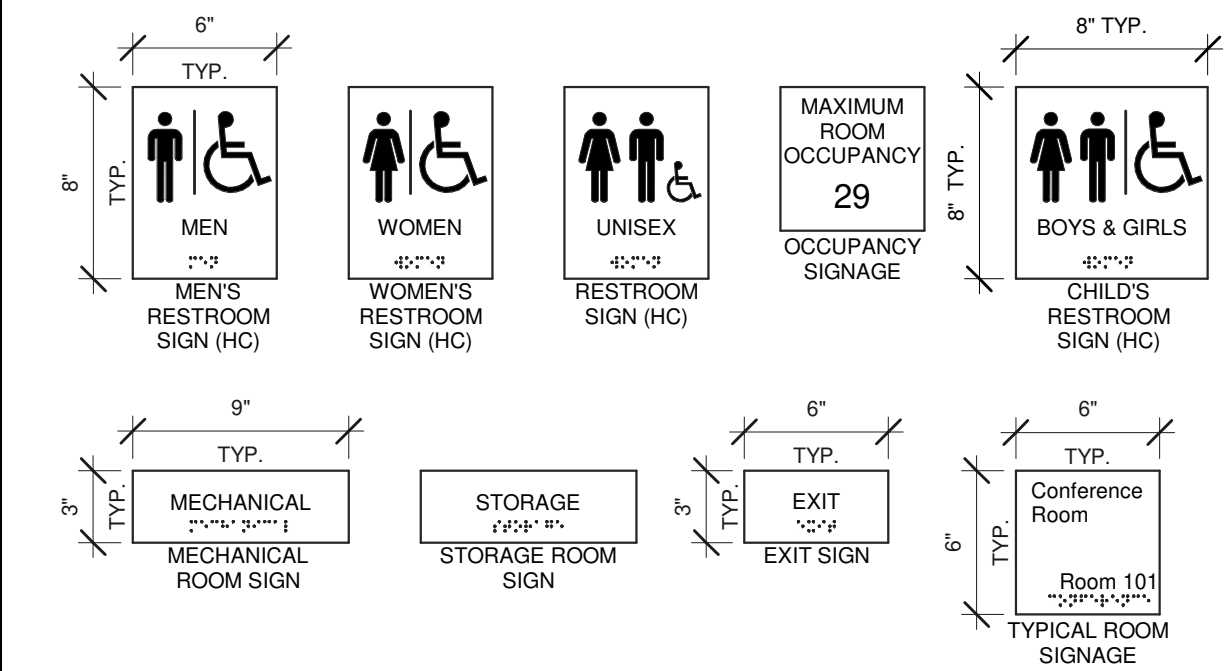
DRAWN BY:

CS, KMW

CHECKED BY:

KMW, FY

- SIGNAGE LEGEND**
SIGNAGE GENERAL NOTES
1. PROVIDE THE FOLLOWING SIGNS AT ALL INTERIOR ROOMS WITHIN PROJECT EXTENTS, TYPICAL.
 2. INSTALL SIGNS (HEIGHTS AND LOCATIONS) AS DIRECTED BY OWNERS' REPRESENTATIVE IN FIELD. SEE EXISTING BUILDING SIGN PLACEMENT FOR REFERENCE. MAJORITY OF SIGNS WILL BE 48" A.F.F. MINIMUM, 60" A.F.F. MAXIMUM.
 3. PROVIDE TACTILE EXIT SIGNAGE AT EACH EXIT DOOR COMPLIANT W/ IBC 2012 1011.6 AND ANSI 117.1-2009, CHAPTER 7, SECTION 703.
 4. COLOR OF SIGNAGE TO BE SELECTED BY ARCHITECT PRIOR TO FABRICATION FROM MANUFACTURER FULL LINE OF COLORS (12 COLORS MINIMUM)
 5. SIGNS SHALL BE ONE PIECE CONSTRUCTION WITH THE EXCEPTION OF APPLIED VINYL LETTERS & CHARACTERS.
 6. ALL SIGNAGE SHALL BE ADA/ANSI COMPLIANT.
 7. ALL SIGNAGE TO BE 1/8" THICK COLORED ACRYLIC WITH COLORED MATTE FINISH & POLISHED/FINISHED EDGES.
 8. CHARACTERS TO BE CUT VINYL APPLIED - COLOR TO BE SELECTED BY OWNER/ARCHITECT.
 9. LETTERS TO BE 3/4" CUT VINYL APPLIED - FONT & COLOR TO BE SELECTED BY OWNER/ARCHITECT. ROOM DESIGNATION PROVIDED BY OWNER.
 10. RAISED BRAILLE CHARACTERS PROVIDED BY SIGN SUPPLIER.
 11. SEE FLOOR PLANS & EQUIPMENT SCHEDULES FOR LOCATIONS OF VINYL APPLIED LETTERING.
 12. SEE SPECIFICATIONS FOR MORE INFORMATION.
 13. SEE FINISH FLOOR PLANS FOR ADDITIONAL NON-CODE RELATED SIGNAGE.

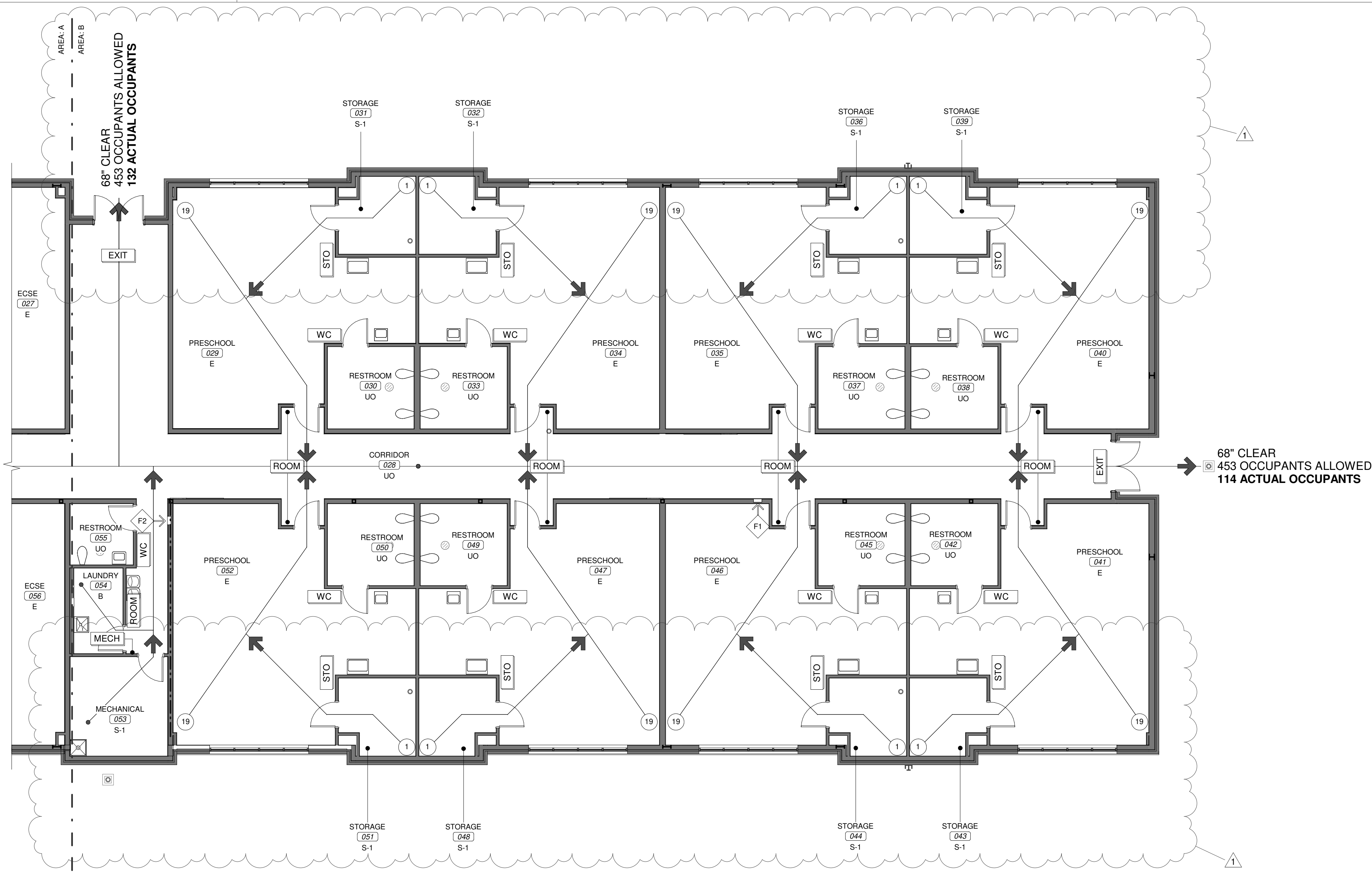
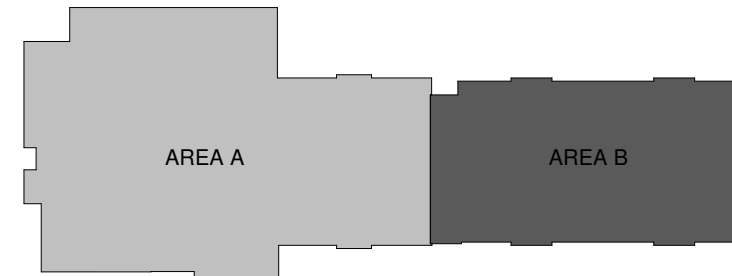


- SIGNAGE TAGS**
- EXIT** PROVIDE (1) SIGN PER EXIT COMPLYING WITH ADA LOCAL CODE. SIGN TO HAVE RAISED CHARACTERS AND PICTORIAL SYMBOL OF ACCESSIBILITY IN ACCORDANCE WITH ANSI AND ADA GUIDELINES. SIGN FINISHES TO BE SELECTED BY A.O.R.
- RR** PROVIDE (1) SIGN PER RESTROOM COMPLYING WITH ADA LOCAL CODE. SIGN TO HAVE RAISED CHARACTERS AND PICTORIAL SYMBOL OF ACCESSIBILITY IN ACCORDANCE WITH ANSI AND ADA GUIDELINES. SIGN FINISHES TO BE SELECTED BY A.O.R.
- MECH** PROVIDE (1) SIGN PER ELECTRICAL/MECHANICAL ROOM COMPLYING WITH ADA LOCAL CODE. SIGN TO HAVE RAISED CHARACTERS AND PICTORIAL SYMBOL OF ACCESSIBILITY IN ACCORDANCE WITH ANSI AND ADA GUIDELINES. SIGN FINISHES TO BE SELECTED BY A.O.R.
- STOR** PROVIDE (1) SIGN PER STORAGE ROOM COMPLYING WITH ADA LOCAL CODE. SIGN TO HAVE RAISED CHARACTERS AND PICTORIAL SYMBOL OF ACCESSIBILITY IN ACCORDANCE WITH ANSI AND ADA GUIDELINES. SIGN FINISHES TO BE SELECTED BY A.O.R.

OCCUPANT LOAD SCHEDULE					
ROOM	ROOM NAME	USER GROUP	AREA	SF PER OCC.	OCC.
000	ENTRY VESTIBULE	UO	105 SF	0 SF	
001	CORRIDOR	UO	1,342 SF	0 SF	
002	RECEPTION	B	486 SF	100 SF	5
003	RESTROOM	UO	56 SF	0 SF	
004	RESTROOM	UO	56 SF	0 SF	
005	NURSE STATION	B	124 SF	100 SF	2
006	STAFF LOUNGE	B	209 SF	100 SF	3
007	ASST DIRECTOR	B	116 SF	100 SF	2
008	DIRECTOR	B	184 SF	100 SF	2
009	OFFICE	B	122 SF	100 SF	2
010	OFFICE	B	123 SF	100 SF	2
011	CONFERENCE ROOM	B	217 SF	100 SF	3
012	P.A.T.	B	510 SF	100 SF	6
013	MECHANICAL	S-1	170 SF	300 SF	1
014	ENTRY VESTIBULE	UO	97 SF	0 SF	
015	RESTROOM	UO	62 SF	0 SF	
016	OFFICE	B	82 SF	100 SF	1
017	KITCHEN	K	563 SF	200 SF	3
018	MULTI-PURPOSE	A-3	3,694 SF	15 SF	247
019	STORAGE	S-1	292 SF	300 SF	1
020	RESTROOM	UO	179 SF	0 SF	
021	RESTROOM	UO	179 SF	0 SF	
022	ECSE	E	743 SF	35 SF	22
023	STORAGE	S-1	37 SF	300 SF	1
024	RESTROOM	UO	96 SF	0 SF	
025	CHANGING AREA	UO	123 SF	0 SF	
026	STORAGE	S-1	36 SF	300 SF	1
027	ECSE	E	729 SF	35 SF	21
028	CORRIDOR	UO	2,106 SF	0 SF	
029	PRESCHOOL	E	446 SF	35 SF	19
030	RESTROOM	UO	104 SF	0 SF	
031	STORAGE	S-1	81 SF	300 SF	1
032	STORAGE	S-1	80 SF	300 SF	1
033	RESTROOM	UO	104 SF	0 SF	
034	PRESCHOOL	E	636 SF	35 SF	19
035	PRESCHOOL	E	639 SF	35 SF	19
036	STORAGE	S-1	81 SF	300 SF	1
037	RESTROOM	UO	104 SF	0 SF	
038	RESTROOM	UO	104 SF	0 SF	
039	STORAGE	S-1	80 SF	300 SF	1
040	PRESCHOOL	E	633 SF	35 SF	19
041	PRESCHOOL	E	632 SF	35 SF	19
042	RESTROOM	UO	104 SF	0 SF	
043	STORAGE	S-1	81 SF	300 SF	1
044	STORAGE	S-1	81 SF	300 SF	1
045	RESTROOM	UO	104 SF	0 SF	

OCCUPANT LOAD SCHEDULE					
ROOM	ROOM NAME	USER GROUP	AREA	SF PER OCC.	OCC.
046	PRESCHOOL	E	639 SF	35 SF	19
047	PRESCHOOL	E	638 SF	35 SF	19
048	STORAGE	S-1	81 SF	300 SF	1
049	RESTROOM	UO	104 SF	0 SF	
050	RESTROOM	UO	104 SF	0 SF	
051	STORAGE	S-1	81 SF	300 SF	1
052	PRESCHOOL	E	644 SF	35 SF	19
053	MECHANICAL	S-1	142 SF	300 SF	1
054	LAUNDRY	B	61 SF	100 SF	1
055	RESTROOM	UO	56 SF	0 SF	
056	ECSE	E	726 SF	35 SF	21
057	STORAGE	S-1	37 SF	300 SF	1
058	RESTROOM	UO	97 SF	0 SF	
059	CHANGING AREA	UO	122 SF	0 SF	
060	STORAGE	S-1	37 SF	300 SF	1
061	ECSE	E	742 SF	35 SF	22
062	OT/PT	E	222 SF	35 SF	7
063	SPEECH	E	109 SF	35 SF	4
064	TEST	E	77 SF	35 SF	3
065	LIBRARY	E	486 SF	35 SF	14
066	NURSE RESTROOM	UO	72 SF	0 SF	
067	STORAGE	S-1	38 SF	300 SF	1
TOTAL NET BUILDING SQUARE FOOTAGE:			22,448 SF	TOTAL OCCUPANTS:	561

AREA PLAN LEGEND



1 AREA B: CODE PLAN
SCALE 1/8" = 1'-0"

APPLICABLE CODES & STANDARDS

- 2012 ICC INTERNATIONAL CODE COUNCIL ALL REFERENCE STANDARDS
ICC INTERNATIONAL BUILDING CODE
ICC INTERNATIONAL PLUMBING CODE
ICC INTERNATIONAL MECHANICAL CODE
ICC INTERNATIONAL FIRE CODE
2014 NATIONAL ELECTRIC CODE (NEC)
2010 ADAAG AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES
2009 ANSI A117.1 GUIDELINES FOR ACCESSIBLE & USABLE BUILDING & FACILITIES

GENERAL PROJECT INFORMATION

USER GROUP: EDUCATION GROUP 'E' (PRIMARY)
CONSTRUCTION TYPE: A-3, BUSINESS GROUP 'B', STORAGE 'S-1', KITCHEN 'K'
SPRINKLERED: YES
GROSS BUILDING AREA: 24,200 SF

SPECIAL REQUIREMENTS (IBC CHAPTER 4)

SECTION 423.1: STORM SHELTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH ICC-500.

GENERAL BUILDING HEIGHTS AND AREAS (IBC CHAPTER 5)

PER TABLE 504.3: MAXIMUM 55'-0" ABOVE GRADE PLANE ALLOWED, 24'-0" PROVIDED.
PER TABLE 504.4: MAXIMUM 2 STORIES ABOVE GRADE PLANE ALLOWED, 1 STORY PROVIDED.
PER TABLE 506.2: MAXIMUM 68,340 SF ALLOWED, REFER TO BUILDING SQUARE FOOTAGE LISTED ABOVE.

FIRE RESISTANCE RATINGS (IBC CHAPTER 6)

CONSTRUCTION TYPE: IIB

PRIMARY STRUCTURAL FRAME: 0 HOURS
BEARING WALLS (EXTERIOR AND INTERIOR): 0 HOURS
NON-BEARING WALLS AND PARTITIONS EXTERIOR: IF FIRE SEPERATION IS 5'-0" X 10'-0" = 1 HOUR, OTHERWISE, 0 HOURS.
NON-BEARING WALLS AND PARTITIONS INTERIOR: 0 HOURS
FLOOR CONSTRUCTION: 0 HOURS
ROOF CONSTRUCTION: 0 HOURS

** NOT LESS THAN FIRE RESISTANCE RATINGS REQUIRED BY OTHER SECTIONS OF CODE

FIRE AND SMOKE PROTECTION FEATURES (IBC CHAPTER 7)

EXTERIOR WALLS: 0 HOURS - NONE REQUIRED
FIRE WALLS: 3 HOURS - NONE REQUIRED
FIRE BARRIERS: 2 HOURS - NONE REQUIRED

INTERIOR FINISHES (IBC CHAPTER 8)

TABLE 803.11 INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY

INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS: B
CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS: C
ROOMS AND ENCLOSED SPACES: C

FIRE PROTECTION SYSTEMS (IBC CHAPTER 9)

AUTOMATIC SPRINKLER SYSTEM

USE GROUP EDUCATION 'E' THROUGHOUT ALL GROUP 'E' FIRE AREAS GREATER THAN 12,000 SF

PORTABLE FIRE EXTINGUISHERS

SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 10 AND INTERNATIONAL FIRE CODE. SEE PLAN FOR LOCATIONS & TYPE.

FIRE ALARM AND DETECTION SYSTEM

MANUAL FIRE ALARM SYSTEM IS REQUIRED

MEANS OF EGRESS INFORMATION (IBC CHAPTER 10)

SECTION 1004 OCCUPANT LOAD

CALCULATED OCCUPANT LOADING PER TABLE 1004.1.2
ACCESSORY STORAGE AND MEP ROOMS 300 SF GROSS
ASSEMBLY AREA 15 SF NET
EDUCATIONAL, CLASSROOM AREAS 35 SF NET
*REQUIREMENT BASED ON STATE REGULATIONS FOR LICENSED CHILD CARE CENTERS
BUSINESS AREAS 100 SF GROSS
KITCHEN/COMMERCIAL 200 SF GROSS

REFER TO OCCUPANT LOAD SCHEDULE FOR TOTAL CALCULATED OCCUPANT LOAD.

SECTION 1005 MEANS OF EGRESS SIZING

CORRIDORS AND EGRESS COMPONENTS: 0.15' PER OCCUPANT (S)

SECTION 1006 NUMBER OF EXITS AND EXIT ACCESS DOORWAYS

PER TABLE 1006.2.1
GROUP E OCCUPANCY SPACES WITH <49 OCCUPANTS 1 EXIT REQUIRED
GROUP B OCCUPANCY SPACES WITH <49 OCCUPANTS 1 EXIT REQUIRED
GROUP S OCCUPANCY SPACES WITH <29 OCCUPANTS 1 EXIT REQUIRED
COMMON PATH OF TRAVEL: 75' MAX (S)
PER SECTION 1015.6 DAY CARE FACILITIES, ROOMS, OR SPACES WHERE CARE IS PROVIDED FOR 10 CHILDREN THAT ARE 2-1/2 YEARS OF AGE OR LESS, SHALL HAVE ACCESS TO NOT LESS THAN TWO EXITS OR EXIT ACCESS DOORWAYS.

SECTION 1006 NUMBER OF EXITS AND EXIT ACCESS DOORWAYS

PER TABLE 1006.3.1
STORIES WITH 1-500 OCCUPANTS 2 EXITS REQUIRED
REFER TO OCCUPANT LOAD SCHEDULE FOR TOTAL OCCUPANCY LOAD.

SECTION 1007 EXIT AND EXIT ACCESS DOORWAY CONFIGURATION

EXITS SHALL BE PLACED A DISTANCE APART EQUAL TO NOT LESS THAN 1/2 OF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE BUILDING OR AREA TO BE SERVED MEASURED IN A STRAIGHT LINE BETWEEN THEM.

SECTION 1016 EXIT ACCESS TRAVEL DISTANCE

SHALL NOT EXCEED 250 FEET IN PROVIDED OCCUPANCY GROUPS.

SECTION 1018 CORRIDORS

PER TABLE 1018.01: CORRIDORS IN OCCUPANCY GROUP 'E' SERVING >30 OCCUPANTS SHALL BE FIRE RESISTANT RATED 0 HOUR.
PER TABLE 1018.02: REQUIRED CAPACITY OF CORRIDORS SHALL NOT BE LESS THAN 44".
PER 1018.4: DEAD END CORRIDORS SHALL BE LIMITED TO 50 FEET IN LENGTH.

PLUMBING SYSTEMS (IBC SECTION 2902)

WATER CLOSETS REQUIRED: 11 REQUIRED (1 PER 50 OCCUPANTS)
27 PROVIDED
LAVATORIES REQUIRED: 11 REQUIRED (1 PER 50 OCCUPANTS)
29 PROVIDED
DRINKING FOUNTAINS REQUIRED: 6 REQUIRED (1 PER 100 OCCUPANTS)
(2) HIGH-LOW W/ BOTTLE FILLEERS PROVIDED
SERVICE SINKS REQUIRED: 1 REQUIRED, 2 PROVIDED

DEFERRED SUBMITTAL LIST

THE FOLLOWING LIST IS OF SUBMITTALS THAT THE DESIGN TEAM RECOGNIZES REQUIRE SUBMISSION TO THE AUTHORITY HAVING JURISDICTION FOR REVIEW THAT ARE NOT AVAILABLE BEFORE CONTRACTOR INVOLVEMENT AND/OR CREATION. THE FOLLOWING WILL BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION FOR REVIEW BEFORE CONSTRUCTION OF THE ASSOCIATED BUILDING ELEMENTS.

- AUTOMATIC FIRE SUPPRESSION SYSTEM
- PRE-ENGINEERED METAL BUILDING

FIRE RESISTANCE RATING LEGEND

SMOKE PARTITION	=====
SMOKE BARRIER	=====
1/2-HOUR FIRE RESISTANCE RATING	=====
1-HOUR FIRE RESISTANCE RATING	=====
2-HOUR FIRE RESISTANCE RATING	=====
3-HOUR FIRE RESISTANCE RATING	=====
4-HOUR FIRE RESISTANCE RATING	=====



JIM W. STEARMAN, ARCHITECT
MO # A-2020039367

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MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-201600415

REVISION SCHEDULE

1 ADD-01 2021.06.14

REVISION SCHEDULE

1 ADD-01 2021.06.14

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REVISION SCHEDULE

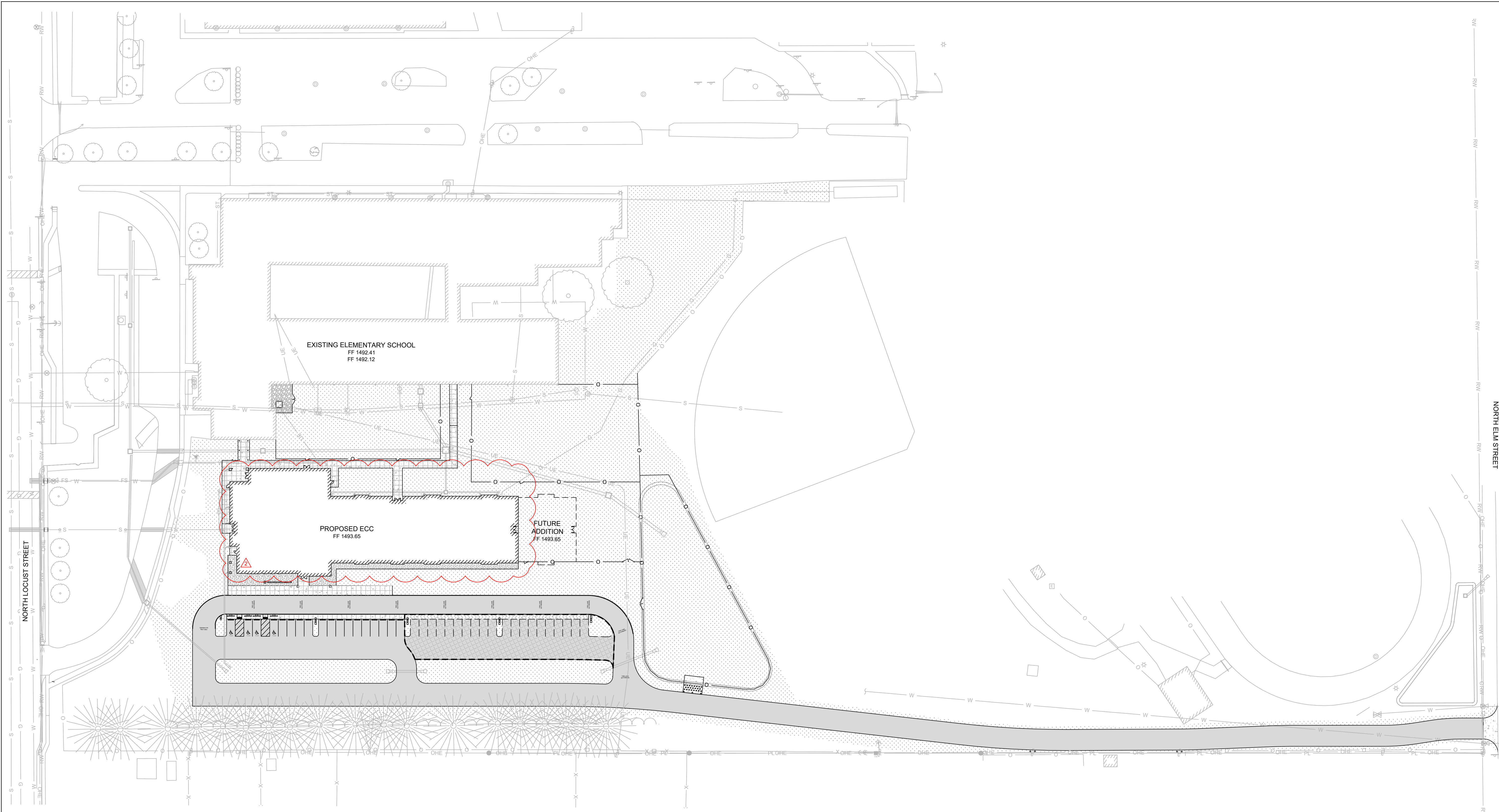
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REVISION SCHEDULE

1 ADD-01 2021.06.14

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1 ADD-01 2021.



HATCH LEGEND:

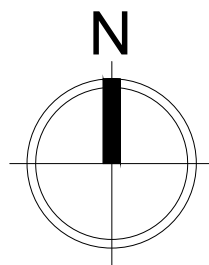
- = CONCRETE SIDEWALK PER DETAILS SHEET C701.
- = CONCRETE SIDEWALK (BID ALTERNATE). SEE DETAIL SHEET C701. BASE BID CONSISTS OF TYPICAL LAWN RESTORATION SURFACE COVERING PER REQUIREMENTS, THIS SHEET.
- = HEAVY DUTY CONCRETE PAVEMENT PER DETAILS SHEET C701.
- = ASPHALT PAVEMENT PER DETAILS SHEET C701.
- = ASPHALT PAVEMENT (BID ALTERNATE). SEE DETAIL SHEET C701. BASE BID CONSISTS OF TYPICAL LAWN RESTORATION SURFACE COVERING PER REQUIREMENTS, THIS SHEET.
- = LANDSCAPING MULCH.
- = LAWN RESTORATION. INSTALL 4" OF TOPSOIL, SEED, & MULCH IN ACCORDANCE WITH PROJECT SPECIFICATIONS. EXTENTS SHOWN DO NOT NECESSARY REFLECT FULL EXTENTS OF RESTORATION REQUIRED. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS. INSTALL EROSION CONTROL BLANKET ON ALL SLOPES 15% OR STEEPER.
- = GRAVEL PAVEMENT PER DETAIL SHEET C702.

PHASING SCHEDULE:

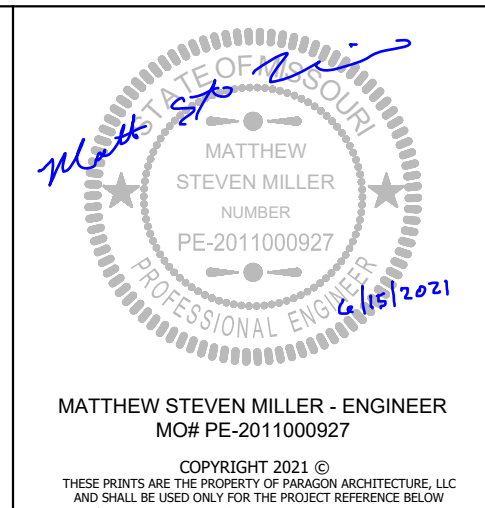
- PHASE 1:**
CONSTRUCTION OF EARLY CHILDHOOD CENTER
EARLY CHILDHOOD CENTER PARKING LOT & ACCESS ROAD
SUMMER 2021
- PHASE 2:**
DEMOLITION & CONSTRUCTION OF THE HUBBLE ELEMENTARY PARKING LOT
SUMMER 2022

PARKING SCHEDULE:

- ZONING ORDINANCE 410.110.4:
- HUBBLE - 22 CLASSROOMS AT 2 SPACES PER CLASSROOM = 44
ECC - 12 CLASSROOMS AT 2 SPACES PER CLASSROOM = 24
ECC WITH ADDITION - 16 CLASSROOMS AT 2 SPACES PER CLASSROOM = 32
FULL BUILD-OUT AUTOMOBILE STORAGE SPACES REQUIRED = 76
AUTOMOBILE STORAGE SPACES PROVIDED = 109
AUTOMOBILE STORAGE SPACES PROVIDED WITH BID ALTERNATE = 129
- ACCESSIBLE PARKING SPACES REQUIRED = 5
ACCESSIBLE PARKING SPACES PROVIDED = 8



NOTE: DRAWING REPRODUCTION
AND SCALING MAY CHANGE THE
INDICATED GRAPHIC SCALES
H. SCALE: 1" = 50'



MATTHEW STEVEN MILLER - ENGINEER
MO# PE-2011000927

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- 1 PERMIT REVIEW 06/10/2021
- 2 ADDENDUM 01 06/15/2021

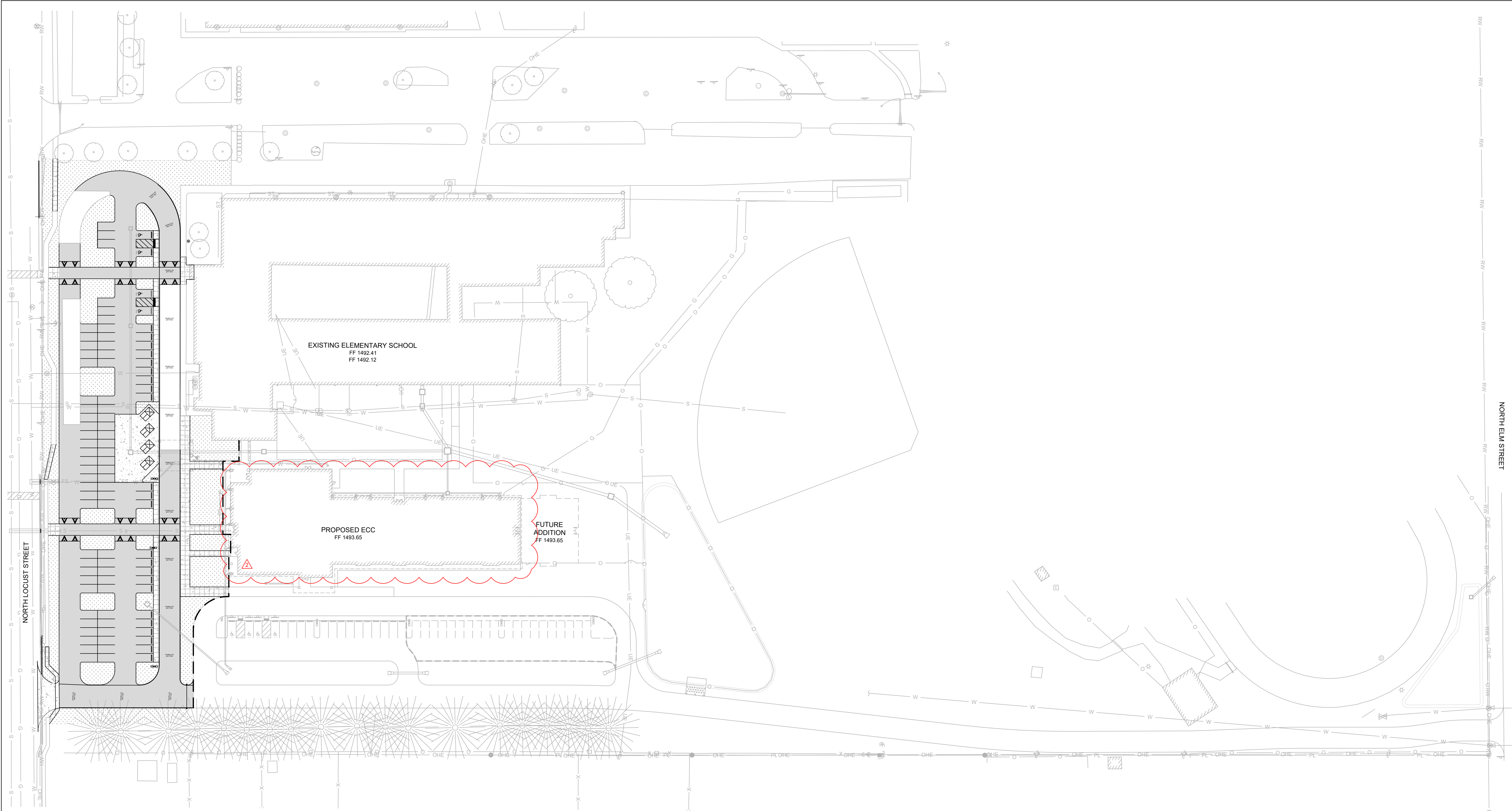


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MO STATE CERTIFICATE OF AUTHORITY # 28406243

PROJECT DESCRIPTION:
C201 MARSHFIELD ECC
OVERALL SITE PLAN - PHASE ONE

SHEET NUMBER:
PROJECT NUMBER:
20-602
DATE:
06/02/2021

600 N Locust St. Marshfield, MO
65706
PROJECT ARCHITECT:
DRAWN BY:
CHECKED BY:



HATCH LEGEND:

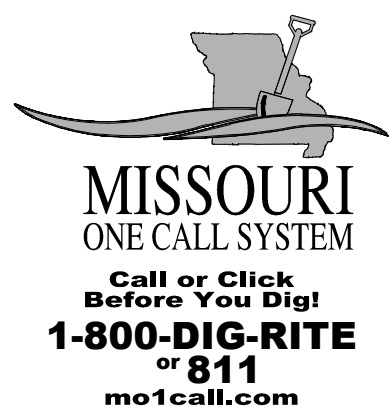
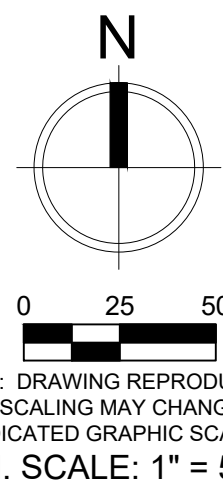
- = CONCRETE SIDEWALK PER DETAILS SHEET C701.
- = HEAVY DUTY CONCRETE PAVEMENT PER DETAILS SHEET C701.
- = ASPHALT PAVEMENT PER DETAILS SHEET C701.
- = LANDSCAPING MULCH.
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PHASING SCHEDULE:

- PHASE 1:**
CONSTRUCTION OF EARLY CHILDHOOD CENTER
EARLY CHILDHOOD CENTER PARKING LOT & ACCESS ROAD
SUMMER 2021
- PHASE 2:**
DEMOLITION & CONSTRUCTION OF THE HUBBLE ELEMENTARY PARKING LOT
SUMMER 2022

PARKING SCHEDULE:

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FULL BUILD-OUT AUTOMOBILE STORAGE SPACES REQUIRED = 76
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AUTOMOBILE STORAGE SPACES PROVIDED WITH BID ALTERNATE = 129
- ACCESSIBLE PARKING SPACES REQUIRED = 5
ACCESSIBLE PARKING SPACES PROVIDED = 8



SHEET NUMBER: PROJECT DESCRIPTION:

C202 MARSHFIELD ECC
OVERALL SITE PLAN - PHASE TWO

PROJECT NUMBER: 20-602
DATE: 06/02/2021
PROJECT ARCHITECT: BEE
DRAWN BY: LMB
CHECKED BY: MSM
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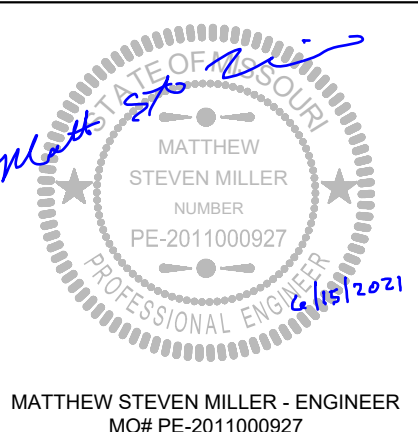


1 PERMIT REVIEW 06/10/2021

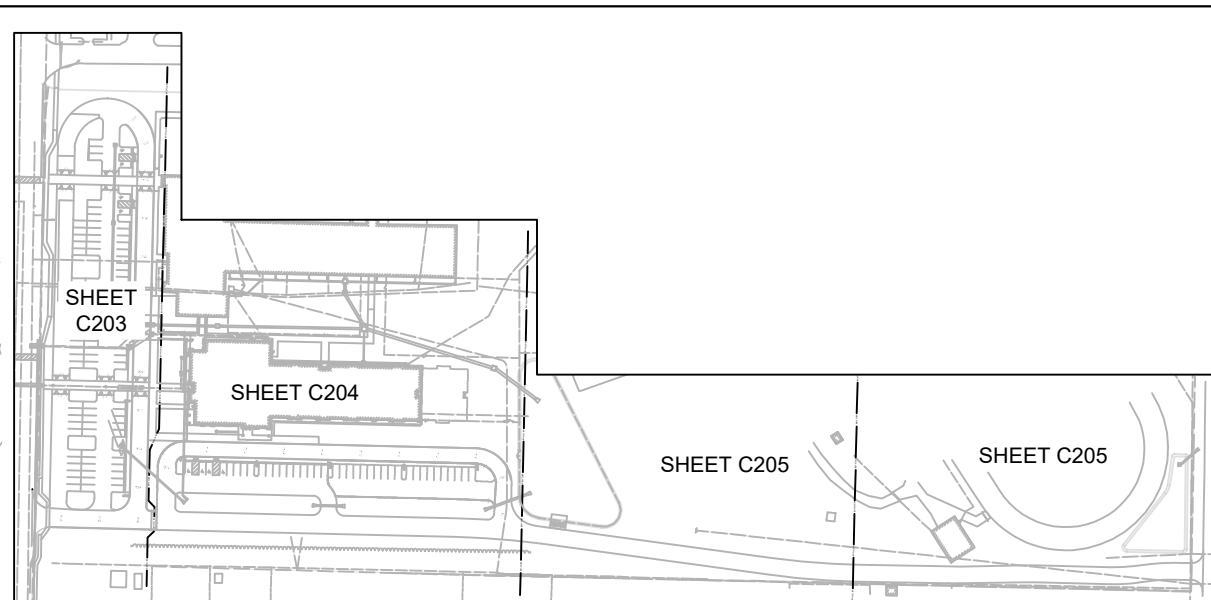
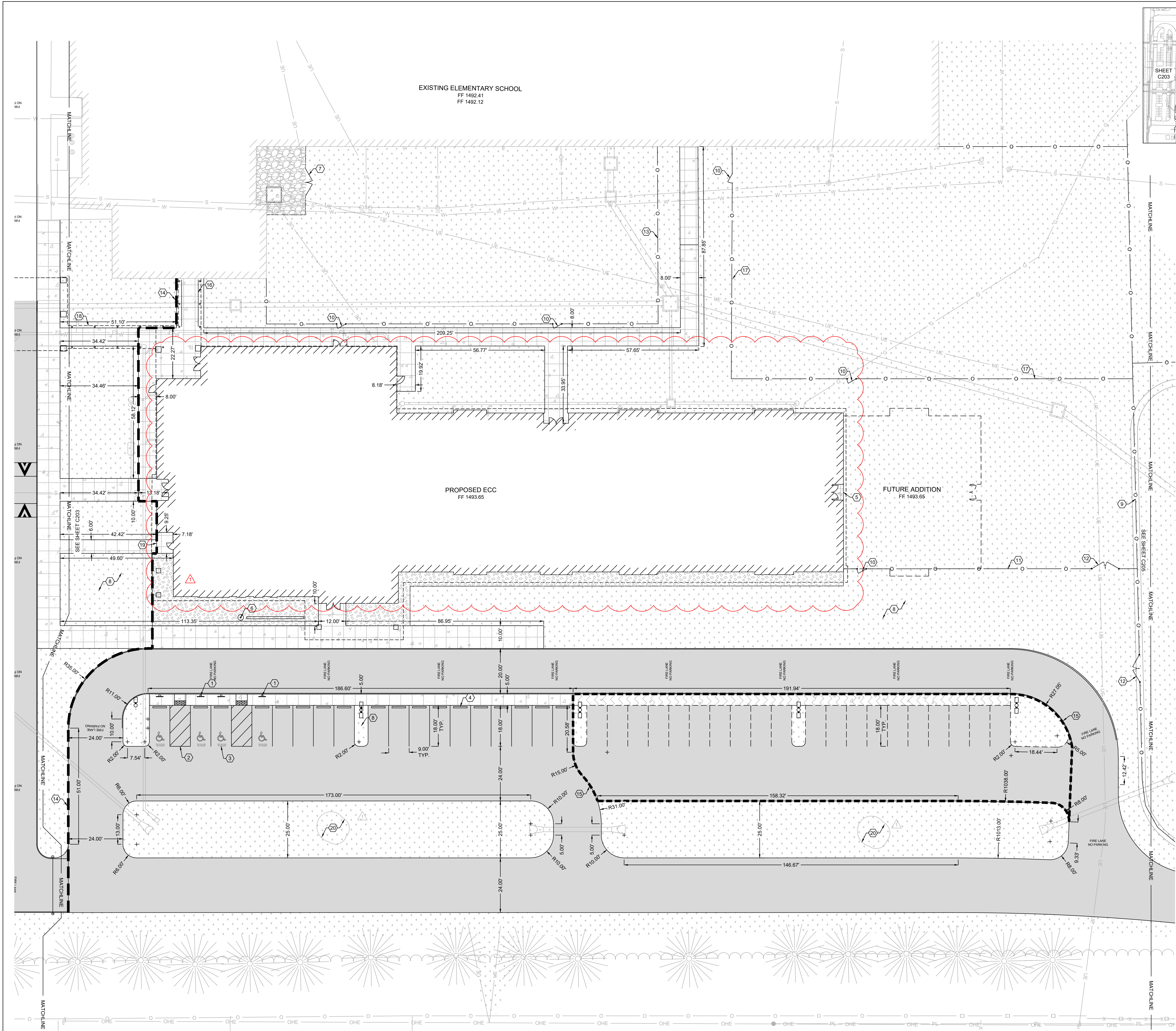
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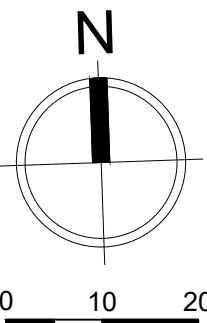


HATCH LEGEND:

- = CONCRETE SIDEWALK PER DETAILS SHEET C701.
- = CONCRETE SIDEWALK (BID ALTERNATE). SEE DETAIL SHEET C701. BASE BID CONSISTS OF TYPICAL LAWN RESTORATION SURFACE COVERING PER REQUIREMENTS, THIS SHEET.
- = HEAVY DUTY CONCRETE PAVEMENT PER DETAILS SHEET C701.
- = ASPHALT PAVEMENT PER DETAILS SHEET C701.
- = ASPHALT PAVEMENT (BID ALTERNATE). SEE DETAIL SHEET C701. BASE BID CONSISTS OF TYPICAL LAWN RESTORATION SURFACE COVERING PER REQUIREMENTS, THIS SHEET.
- = LAWN RESTORATION. INSTALL 4" OF TOPSOIL, SEED, & MULCH IN ACCORDANCE WITH PROJECT SPECIFICATIONS. EXTENTS SHOWN DO NOT NECESSARY REFLECT FULL EXTENTS OF RESTORATION REQUIRED. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS. INSTALL EROSION CONTROL BLANKET ON ALL SLOPES 15% OR STEEPER.
- = GRAVEL PAVEMENT PER DETAIL SHEET C702.
- = LANDSCAPING MULCH.

KEY NOTES:

- 1 ADA ACCESSIBLE SIGN, PER DETAIL SHEET C701, TYPICAL. ALL STALLS ARE VAN ACCESSIBLE.
- 2 4" SOLID BLUE PAVEMENT MARKINGS FOR ACCESSIBLE PARKING STALLS, TYPICAL.
- 3 BLUE PAINTED ADA ACCESSIBLE PARKING SYMBOL, PER DETAIL SHEET C701, TYPICAL. INCLUDE "VAN" LETTERING AS SHOWN.
- 4 CONCRETE WHEEL STOP, PER DETAIL SHEET C701, TYPICAL.
- 5 CONCRETE STOOP, PER DETAIL SHEET C701.
- 6 INSTALL FLAG POLE FOUNDATION PER DETAILS SHEET C701. FLAG POLE PER ARCHITECTURAL SPECIFICATIONS.
- 7 35 L.F. ± OF CHAIN-LINK FENCE AND GATES BY OWNER.
- 8 PLANTINGS AS INDICATED ON LANDSCAPE PLAN BY OWNER, TYPICAL. COORDINATE LAWN RESTORATION WITH PLANTINGS.
- 9 320 L.F. ± OF CHAIN-LINK FENCE BY OWNER.
- 10 MAN GATE BY OWNER.
- 11 130 L.F. ± OF CHAIN-LINK FENCE BY OWNER.
- 12 12 L.F. ± SERVICE GATE BY OWNER.
- 13 275 L.F. ± OF CHAIN-LINK FENCE BY OWNER.
- 14 DASHED LINE INDICATES LIMITS OF PHASE ONE WORK.
- 15 DASHED LINE INDICATES LIMITS OF BID ALTERNATE WORK.
- 16 RAMP AND HANDRAIL, PER DETAIL SHEET C702.
- 17 535 L.F. ± OF CHAIN-LINK FENCE BY OWNER.
- 18 CANOPY PER ARCHITECTURAL PLANS.
- 19 INSTALL CONCRETE STOOP PER DETAIL SHEET C701 DURING PHASE ONE.
- 20 PARKING LOT BIOSWALE PER DETAIL SHEET C702.



MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415

C204 MARSHFIELD ECC
SITE PLAN - PHASE ONE

PROJECT NUMBER: 20-602
DATE: 06/02/2021

PROJECT ARCHITECT: BEE
DRAWN BY: LMB
CHECKED BY: MSM

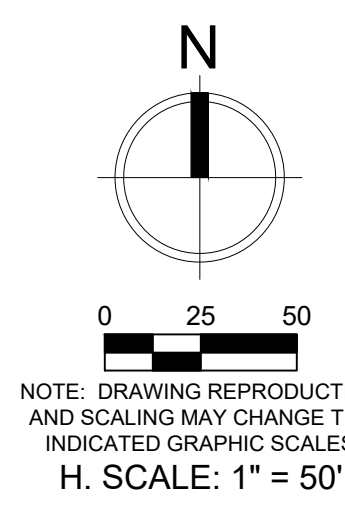
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C301 MARSHFIELD ECC

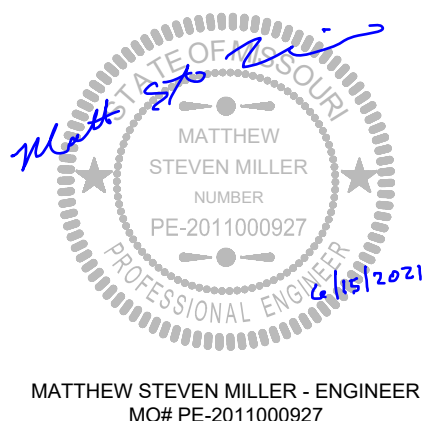
GRADING PLAN

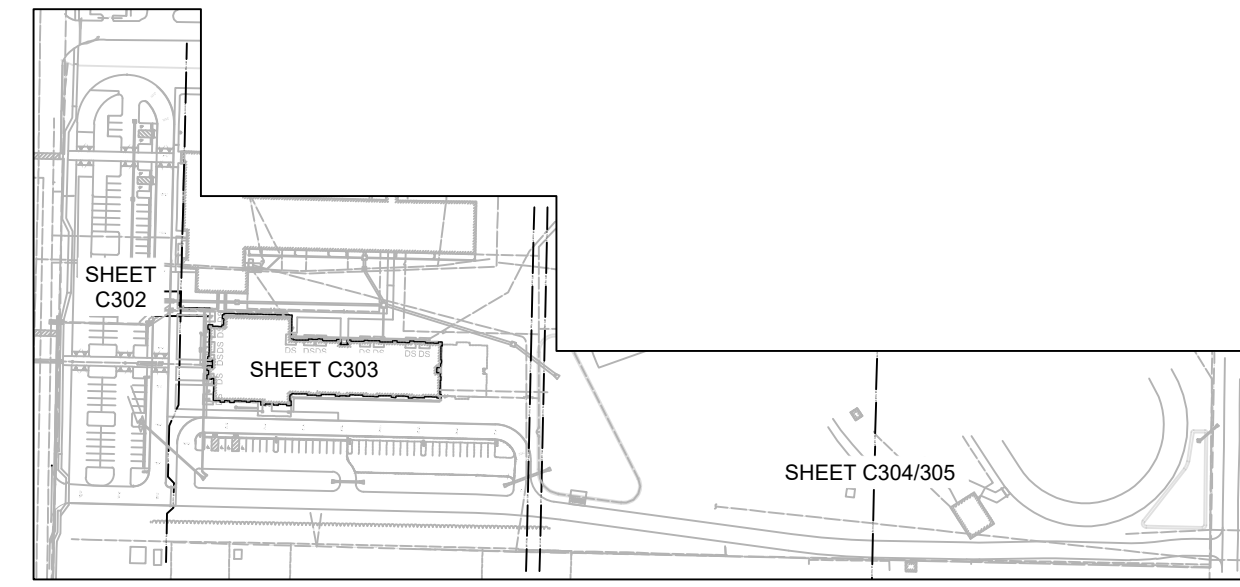
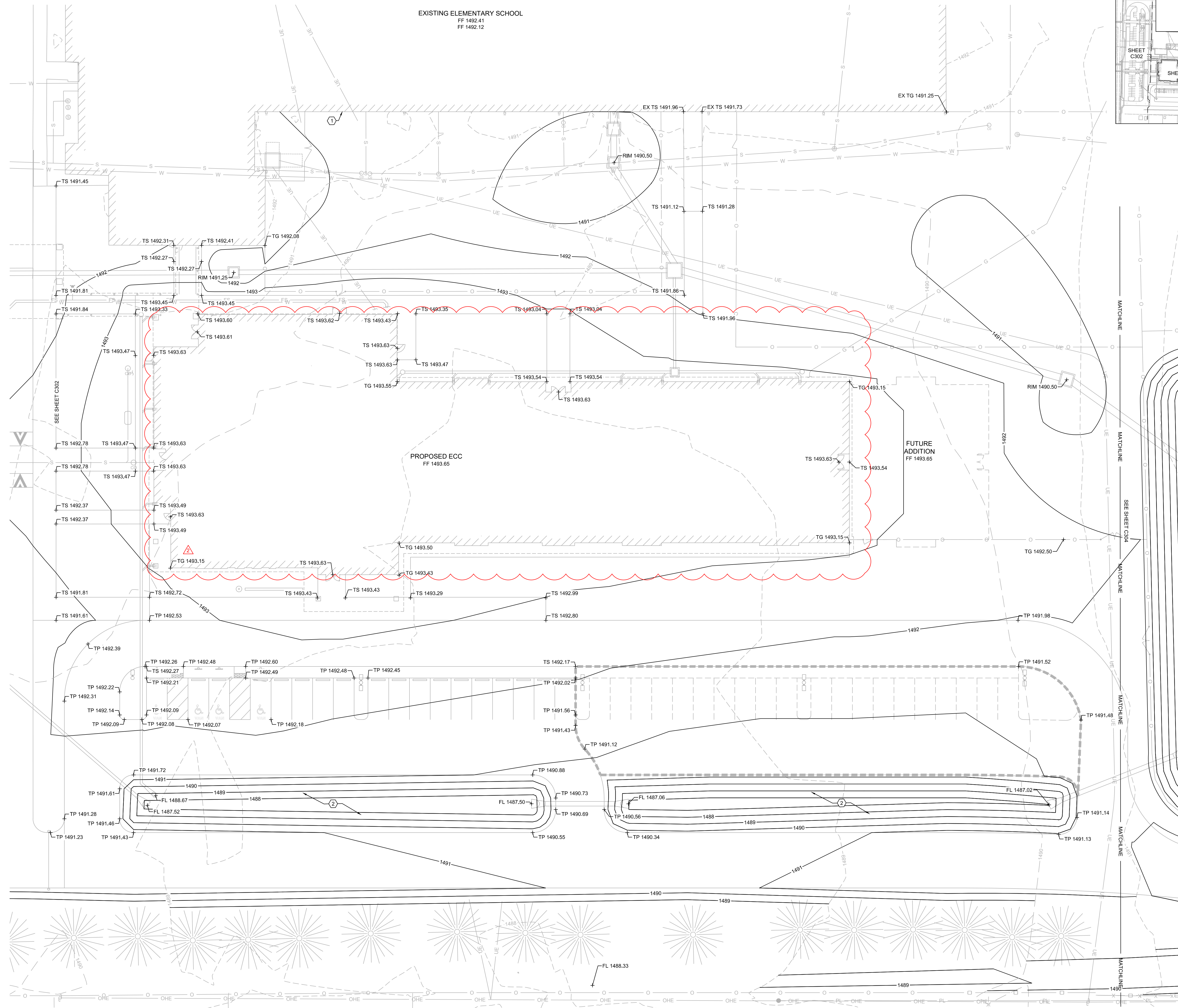
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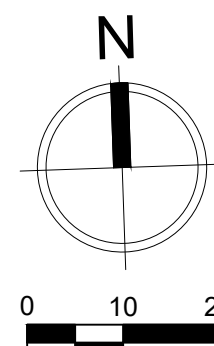




OVERALL KEY MAP
SCALE: 1" = 250'

ABBREVIATIONS

KEY NOTES:



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1	PERMIT REVIEW	06/10/2021
2	ADDENDUM 01	06/15/2021

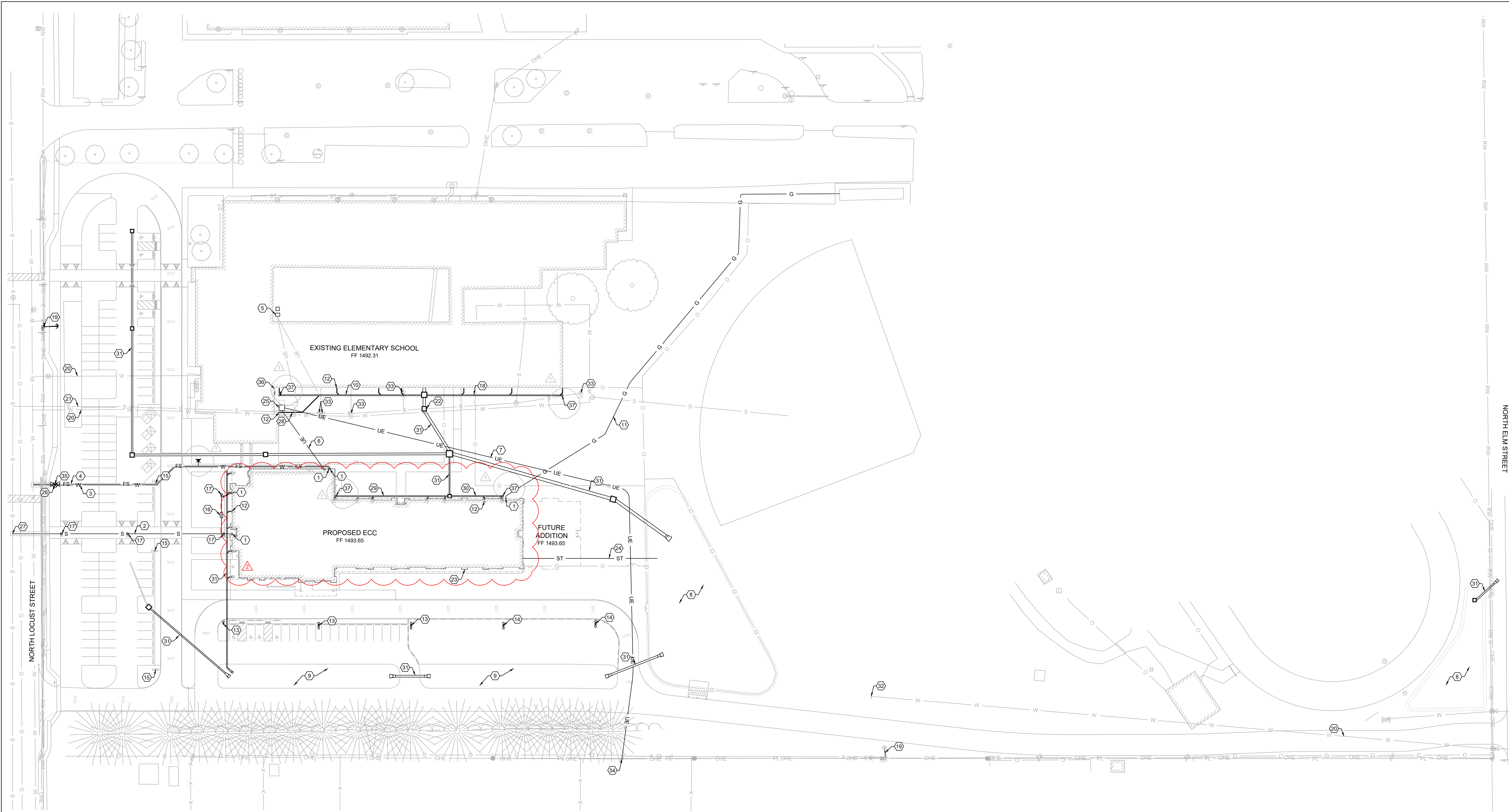


PROJECT DESCRIPTION:

C-303 MARSHFIELD ECC
GRADING PLAN

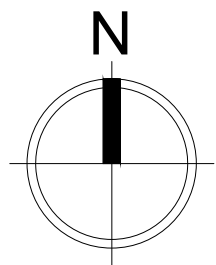
PROJECT ARCHITECT: BEE
DRAWN BY: LMB

DATE: 06/02/2021



KEY NOTES:

- 1 SEE MEP PLANS FOR CONTINUATION.
- 2 INSTALL 230 L.F. ± OF 6" SCH. 40 SEWER LINE, PER PIPE INSTALLATION DETAILS SHEET C702.
- 3 INSTALL 320 L.F. ± OF 4" CLASS 200 PVC WATER LINE, PER PIPE INSTALLATION DETAILS SHEET C702. INSTALL THRUST BLOCKS PER DETAIL SHEET C702.
- 4 INSTALL 320 L.F. ± OF 8" CLASS 200 PVC FIRE SERVICE LINE, PER PIPE INSTALLATION DETAILS SHEET C702. FINAL FIRE SERVICE LINE TO BE SIZE TO BE DETERMINED BY SPRINKLER CONTRACTOR. INSTALL THRUST BLOCKS PER DETAIL SHEET C702.
- 5 COORDINATE WITH WEBSTER ELECTRIC COOPERATIVE TO REMOVE EXISTING UTILITY TRANSFORMERS.
- 6 INSTALL 80 L.F. ± OF UNDERGROUND ELECTRIC SERVICE, INSTALL PER WEBSTER ELECTRIC SPECIFICATIONS.
- 7 INSTALL 690 L.F. ± OF UNDERGROUND ELECTRIC SERVICE, INSTALL PER WEBSTER ELECTRIC SPECIFICATIONS.
- 8 DETENTION BASIN. SEE SHEET C304 FOR GRADING. SEE SHEET C703 FOR OUTLET STRUCTURE DETAILS.
- 9 INSTALL PARKING LOT BIOSWALE PER DETAIL SHEET C702. DAYLIGHT SUBDRAIN INTO DETENTION BASIN.
- 10 INSTALL 150 L.F. ± OF 12" HDPE STORMWATER PIPE, PER PIPE INSTALLATION DETAILS SHEET C702.
- 11 INSTALL 525 L.F. ± OF 2" PROPANE GAS LINE, PER PIPE INSTALLATION DETAILS SHEET C702. COORDINATE CONNECTION TO EXISTING TANK WITH PROPANE PROVIDER.
- 12 DOWNSPOUT CONNECTION, PER DETAIL SHEET C702. TYPICAL.
- 13 INSTALL NEW LIGHT POLE. SEE MEP PLANS.
- 14 INSTALL NEW LIGHT POLE, SEE MEP PLANS (BID ALTERNATE).
- 15 INSTALL NEW LIGHT POLE AS PART OF PHASE 2. SEE MEP PLANS.
- 16 APPROXIMATE LOCATION OF UNDERGROUND GREASE INTERCEPTOR. SEE MEP PLANS FOR DETAILS.
- 17 INSTALL SANITARY SEWER CLEAN OUT PER DETAIL SHEET C702.
- 18 INSTALL 140 L.F. ± OF 12" HDPE STORMWATER PIPE, PER PIPE INSTALLATION DETAILS SHEET C702.
- 19 COORDINATE RELOCATION OF GUY WIRES WITH WEBSTER ELECTRIC COOPERATIVE AND TELEPHONE AND CABLE PROVIDERS.
- 20 APPROXIMATE LOCATION OF EXISTING WATER LINE. CONTRACTOR WILL NEED TO LOWER WATER SERVICE AS NEEDED TO MAINTAIN REQUIRED COVER OVER THE PIPE.
- 21 APPROXIMATE LOCATION OF EXISTING SANITARY SEWER SERVICE. CONTRACTOR WILL NEED TO LOWER SEWER SERVICE AS NEEDED TO MAINTAIN REQUIRED COVER OVER THE PIPE.
- 22 ROUTE WATER SERVICE AND SEWER LATERAL AROUND STORM INLET, AS NEEDED.
- 23 INSTALL 995 L.F. ± OF 4" PERFORATED HDPE FOUNDATION, PER STRUCTURAL DETAILS.
- 24 INSTALL 140 L.F. ± OF 6" SOLID HDPE STORM PIPE, PER PIPE INSTALLATION DETAILS SHEET C702.
- 25 COORDINATE TRANSFORMER INSTALLATION WITH WEBSTER ELECTRIC COOPERATIVE.
- 26 CITY OF MARSHFIELD TO INSTALL WATER TAP AND METER. CONTRACTOR TO INCLUDE COSTS OF TAP AND METER IN BID.
- 27 CONTRACTOR TO INSTALL SERVICE TAP ON EXISTING 8" VCP MAIN. COORDINATE THE CONNECTION WITH THE CITY OF MARSHFIELD.
- 28 INSTALL 50 L.F. ± OF 6" HDPE STORMWATER PIPE, PER PIPE INSTALLATION DETAILS SHEET C702.
- 29 INSTALL 120 L.F. ± OF 12" HDPE STORMWATER PIPE, PER PIPE INSTALLATION DETAILS SHEET C702.
- 30 INSTALL 55 L.F. ± OF 12" HDPE STORMWATER PIPE, PER PIPE INSTALLATION DETAILS SHEET C702.
- 31 SEE SHEETS C402-C404 FOR STORMWATER PROFILES.
- 32 EXTENTS OF WATER LINE UNKNOWN. CONTRACTOR TO VERIFY EXISTING WATER LINE DOES NOT CONFLICT WITH PROPOSED DETENTION BASIN.
- 33 CONTRACTOR TO ADJUST EXISTING SANITARY SEWER CLEAN OUT TO FINISHED GRADE AS NEEDED.
- 34 COORDINATE UNDERGROUND ELECTRIC SERVICE CONNECTION WITH WEBSTER ELECTRIC COOPERATIVE.
- 35 CONTRACTOR TO INSTALL FIRE SERVICE TAP AND VALVE PER GATE VALVE DETAIL SHEET C701. COORDINATE PRESSURE TEST OF TAP WITH CITY OF MARSHFIELD.
- 36 COORDINATE WITH MEP PLANS FOR REINSTALLATION OF ELECTRIC SERVICE TO HUBBLE ELEMENTARY.
- 37 INSTALL END-OF-LINE STORMWATER CLEANOUT PER DETAIL SHEET C703.



0 25 50
NOTE: DRAWING REPRODUCTION
AND SCALING MAY CHANGE THE
INDICATED GRAPHIC SCALES
H. SCALE: 1" = 50'



SHEET NUMBER:

C401 MARSHFIELD ECC
UTILITY PLAN

PROJECT NUMBER: 600 N Locust St. Marshfield, MO 65706

DATE: 06/02/2021
DRAWN BY: BEE
CHECKED BY: LMB
NSM

1000 GUYE PER BLDG. 5040
SPRINGFIELD, MO 65804
PH: 417.888.0645 - F: 417.888.0657
WWW.TOTHAASSOCIATES.COM



TOTH & ASSOCIATES, INC.
MISSOURI STATE CERTIFICATE OF AUTHORITY # 280402432

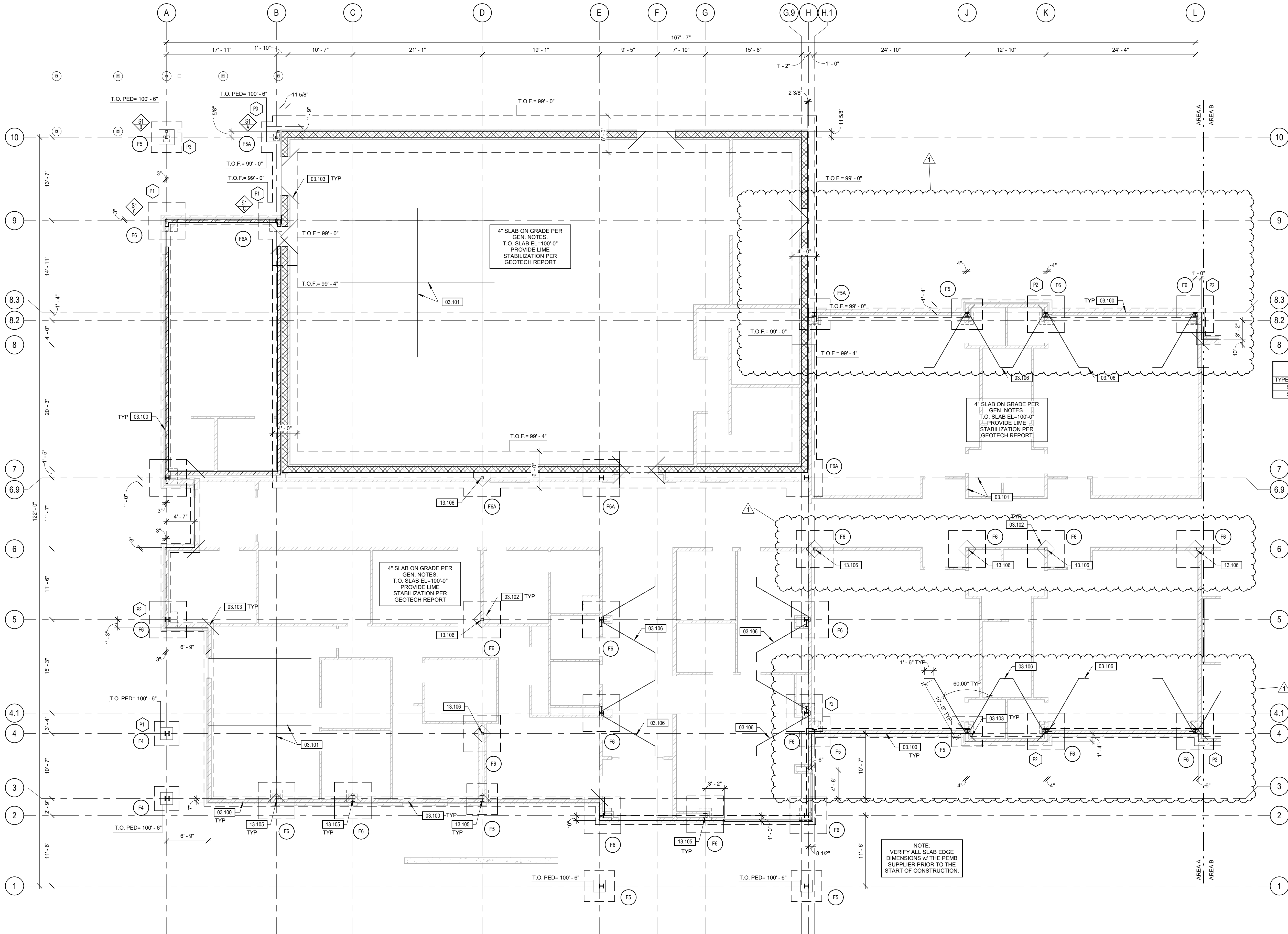
MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415

PARAGON
ARCHITECTURE

637 COLLEGE STREET, SPRINGFIELD, MO 65806
PH: 417.885.0002
WWW.PARAGONARCHITECTURE.COM

MATTHEW STEVEN MILLER - ENGINEER
MO# PE-2011000927





PLAN NOTES - FOUNDATION

1. PROVIDE ADDITIONAL REINFORCING AS NOTED ON PLANS AND DETAILS.
2. WHERE ONLY ONE CURTAIN OF REINFORCING IS REQUIRED BARS SHALL BE CENTERED IN WALL.
3. COORDINATE ALL OPENING DIMENSIONS WITH ARCHITECTURAL.
4. DOWEL ALL SIDEWALKS AT DOORS TO BUILDINGS SLAB WITH #4 x 24\"/>
5. ALL TOP OF EXTERIOR FOOTING ELEVATIONS ARE 97'-0\"/>
6. ALL TOP OF INTERIOR FOOTING ELEVATIONS ARE 99'-0\"/>
7. ALL TOP OF GRADE BEAM ELEVATIONS ARE 99'-0\"/>
8. ALL BOTTOM OF GRADE BEAM ELEVATIONS ARE 97'-0\"/>
9. ALL TOP OF PEDESTAL ELEVATION ARE 99'-0\"/>
10. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL PRIOR TO CONSTRUCTION.
11. COORDINATE ALL UNDERSLAB PLUMBING, DRAINS, ETC. WITH ARCHITECTURAL AND MEP.
12. SLOPE FLOORS TO FLOOR DRAINS. COORDINATE SLOPE EXTENTS WITH ARCHITECTURAL AND MEP.
13. PROVIDE CONTROL JOINTS PER DETAILS ON SHEET S2.1 AND GENERAL NOTES.
14. SEE SHEET S0.0 FOR BASEPLATE AND ANCHOR BOLT INFORMATION.
15. PROVIDE SLAB BLOCKOUTS, SIZED AS REQUIRED, AT RECESSED COLUMN LOCATIONS.

WALL LEGEND

- HATCH INDICATES 12\"/>
- HATCH INDICATES 800S162-43 STUDS @ 16\"/>

SHALLOW FOOTING SCHEDULE

NOTE: FOOTINGS ARE CENTERED ON COLUMNS UNLESS NOTED OTHERWISE.

FOOTING MARK	FOOTING SIZE	REINFORCING	NOTES
F4	4'-0"x4'-0"x1'-2"	(5) #5s E.W. BOTTOM	
F5	5'-0"x5'-0"x1'-3"	(6) #5s E.W. T&B	
F5A	5'-0"x5'-0"x2'-0"	(6) #7s E.W. T&B	
F6	6'-0"x6'-0"x1'-6"	(7) #6s E.W. T&B	
F6A	6'-0"x6'-0"x2'-0"	(7) #7s E.W. T&B	

COLUMN SCHEDULE

TYPE MARK	COLUMN SIZE	BASE PLATE SIZE	ANCHOR BOLT SIZE	NOTES
S1	HSS5X5X1/8	3/4"x12"x12"	3/4" DIA.	U.N.O.
S2	HSS4X4X1/2	3/4"x10"x10"	3/4" DIA.	U.N.O.

PEDESTAL SCHEDULE

NOTE:
TYPICAL PEDESTALS SHALL BE P1 UNLESS NOTED ON PLAN.
VERIFY ALL PEDESTAL SIZES W/ PEMB SUPPLIER.

TYPE MARK	SIZE	NOTES
P1	24x24	SEE TYP DTL
P2	24 x 30	SEE TYP DTL
P3	30x30	SEE TYP DTL

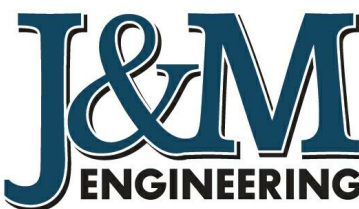
KEYNOTE LEGEND

KEYNOTE	DESCRIPTION
03.100	DARK LINE INDICATES SLAB EDGE.
03.101	LINE INDICATES SLAB CONTROL JOINTS. REFER TO CONCRETE SLAB JOINTS DETAIL FOR REQUIREMENTS. SHOWN IN ONE BAY ONLY FOR CLARITY.
03.102	DIAMOND BLOCKOUT AT EACH COLUMN. SIZE TO ALLOW FOR PROPER ERECTION OF COLUMN. REFER TO ISOLATION JOINT DETAIL.
03.103	PROVIDE #4 BAR x 4'-0" LONG CENTERED IN SLAB AT RE-ENTRANT CORNERS.
03.106	#6 HARPIN CENTERED IN SLAB. THICKEN SLAB 8" AROUND BAR.
03.105	EXPANDABLE ENDWALL FRAME BY PEMB SUPPLIER.
03.106	6" MAX. HSS COLUMN BY PEMB SUPPLIER.

1 FOUNDATION PLAN - AREA A

1/8" = 1'-0"

REVISIONS		
1	AD 01	6/15/2021



J&M ENGINEERING, LLC
3045 S. KANSAS EXPRESSWAY
SPRINGFIELD, MO 65807
PHONE: 417-708-9315

MO CERTIFICATE OF AUTHORITY
NO: E-2011011004

PROJECT DESCRIPTION:

S1-1 MARSHFIELD ECC
FOUNDATION PLAN-AREA A

PROJECT NUMBER: 20-602

600 N. Locust St. Marshfield, MO 65706

PROJECT ENGINEER: CHARLES M. TAYLOR

DRAWN BY: FEM

CHECKED BY: CMT

DATE: 06/09/2021

BIM 360/Marshfield ECC #20-602/STRU-ECC_R19_CLOUD.rvt

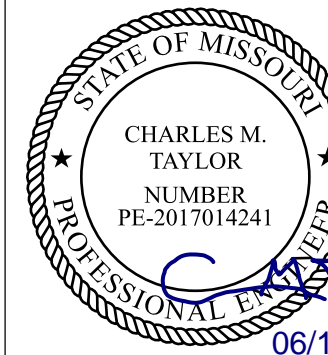
MISSOURI STATE CERTIFICATE OF AUTHORITY #2010011425

PARAGON
ARCHITECTURE

637 COLLEGE STREET, SPRINGFIELD, MO 65806

PH: 417.885.0002

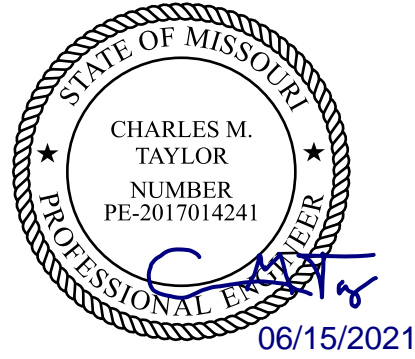
www.paragonarchitecture.com



06/15/2021

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PE No. 2017014241
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PARAGON

ARCHITECTURE

637 COLLEGE STREET, SPRINGFIELD, MO 65806
PH: 417.885.0002
www.paragonarchitecture.com

PROJECT DESCRIPTION:
S1-2 MARSHFIELD ECC
FOUNDATION PLAN-AREA B

PROJECT NUMBER:
20-602

DATE:
06/09/2021

DRAWN BY:
FEM

CHECKED BY:
CMT

BIM 360://Marshfield ECC #20-602/STRU-ECC_R19_CLOUD.rvt

600 N. Locust St., Marshfield, MO 65706

PROJECT ENGINEER:
CHARLES M. TAYLOR

DRAWN BY:
FEM

CHECKED BY:
CMT

BIM 360://Marshfield ECC #20-602/STRU-ECC_R19_CLOUD.rvt

PLAN NOTES - FOUNDATION

1. PROVIDE ADDITIONAL REINFORCING AS NOTED ON PLANS AND DETAILS.
2. WHERE ONLY ONE CURTAIN OF REINFORCING IS REQUIRED BARS SHALL BE CENTERED IN WALL.
3. COORDINATE ALL OPENING DIMENSIONS WITH ARCHITECTURAL. DOWEL ALL SIDEWALKS AT DOORS TO BUILDINGS SLAB WITH #4 x 24" DOWELS @ 16" O.C. MAX. GREASE ONE END.
4. ALL TOP OF EXTERIOR FOOTING ELEVATIONS ARE 97'-0".
5. ALL TOP OF INTERIOR FOOTING ELEVATIONS ARE 99'-0" U.N.O.
6. ALL TOP OF GRADE BEAM ELEVATIONS ARE 99'-0" U.N.O.
7. ALL TOP OF GRADE BEAM ELEVATIONS ARE 97'-0" U.N.O.
8. ALL BOTTOM OF GRADE BEAM ELEVATIONS ARE 97'-0" U.N.O.
9. ALL TOP OF PEDESTAL ELEVATION ARE 99'-0" U.N.O.
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12. SLOPE FLOORS TO FLOOR DRAINS. COORDINATE SLOPE EXTENTS WITH ARCHITECTURAL AND MEP.
13. PROVIDE CONTROL JOINTS PER DETAILS ON SHEET S2.1 AND GENERAL NOTES.
14. SEE SHEET S0.0 FOR BASEPLATE AND ANCHOR BOLT INFORMATION.
15. PROVIDE SLAB BLOCKOUTS, SIZED AS REQUIRED, AT RECESSED COLUMN LOCATIONS.

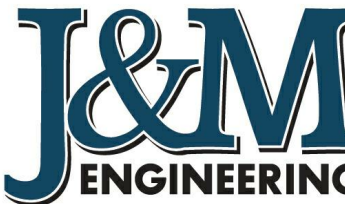
SHALLOW FOOTING SCHEDULE			
NOTE: FOOTINGS ARE CENTERED ON COLUMNS UNLESS NOTED OTHERWISE.			
FOOTING MARK	FOOTING SIZE	REINFORCING	NOTES
F4	4'-0"x4'-0"x1'-2"	(5) #5's E.W. BOTTOM	
F5	5'-0"x5'-0"x1'-3"	(6) #5's E.W. T&B	
F5A	5'-0"x5'-0"x2'-0"	(6) #7's E.W. T&B	
F6	6'-0"x6'-0"x1'-6"	(7) #6's E.W. T&B	
F6A	6'-0"x6'-0"x2'-0"	(7) #7's E.W. T&B	

COLUMN SCHEDULE			
TYPE MARK	COLUMN SIZE	BASE PLATE SIZE	ANCHOR BOLT SIZE
S1	HSS5X5X5/16	3/4"x12"x12"	3/4" DIA.
S2	HSS4X4X1/2	3/4"x10"x10"	3/4" DIA.

PEDESTAL SCHEDULE		
NOTE: TYPICAL PEDESTALS SHALL BE P1 UNLESS NOTED ON PLAN. VERIFY ALL PEDESTAL SIZES w/ PEMB SUPPLIER.		
TYPE MARK	SIZE	NOTES
P1	24x24	SEE TYP DTL
P2	24 x 30	SEE TYP DTL
P3	30x30	SEE TYP DTL

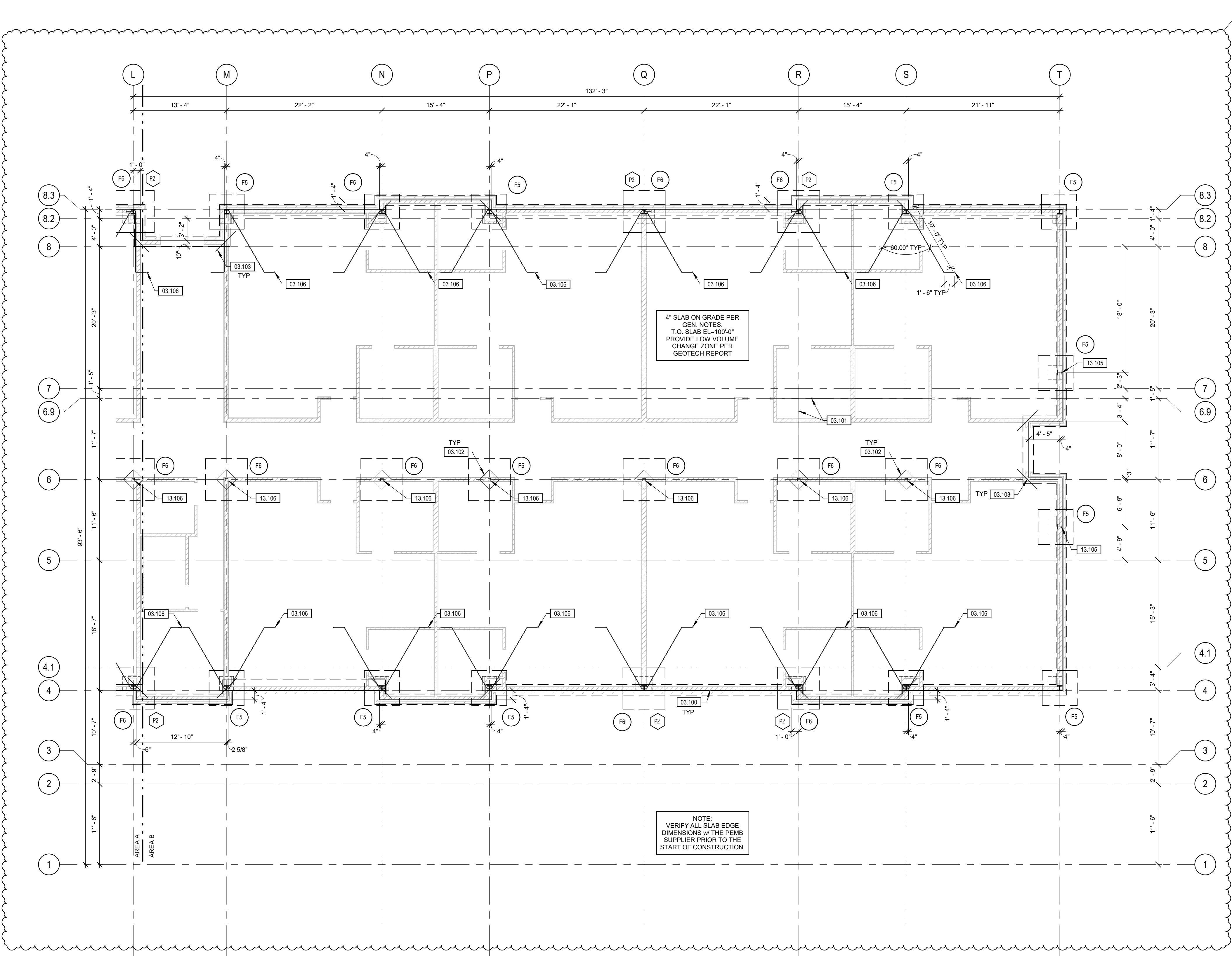
KEYNOTE	DESCRIPTION
03.100	DARK LINE INDICATES SLAB EDGE.
03.101	LINE INDICATES SLAB CONTROL JOINTS. REFER TO CONCRETE SLAB JOINTS DETAIL FOR REQUIREMENTS, SHOWN IN ONE BAY ONLY FOR CLARITY.
03.102	DIAMOND BLOCKOUT AT EACH COLUMN. SIZE TO ALLOW FOR PROPER ERECTION OF COLUMN. REFER TO ISOLATION JOINT DETAIL.
03.103	PROVIDE #4 BAR x 4'-0" LONG CENTERED IN SLAB AT RE-ENTRANT CORNERS.
03.106	#6 HARPIN CENTERED IN SLAB. THICKEN SLAB 8" AROUND BAR.
13.105	EXPANDABLE ENDWALL FRAME BY PEMB SUPPLIER.
13.106	6" MAX. HSS COLUMN BY PEMB SUPPLIER.

REVISIONS		
1	AD 01	6/15/2021

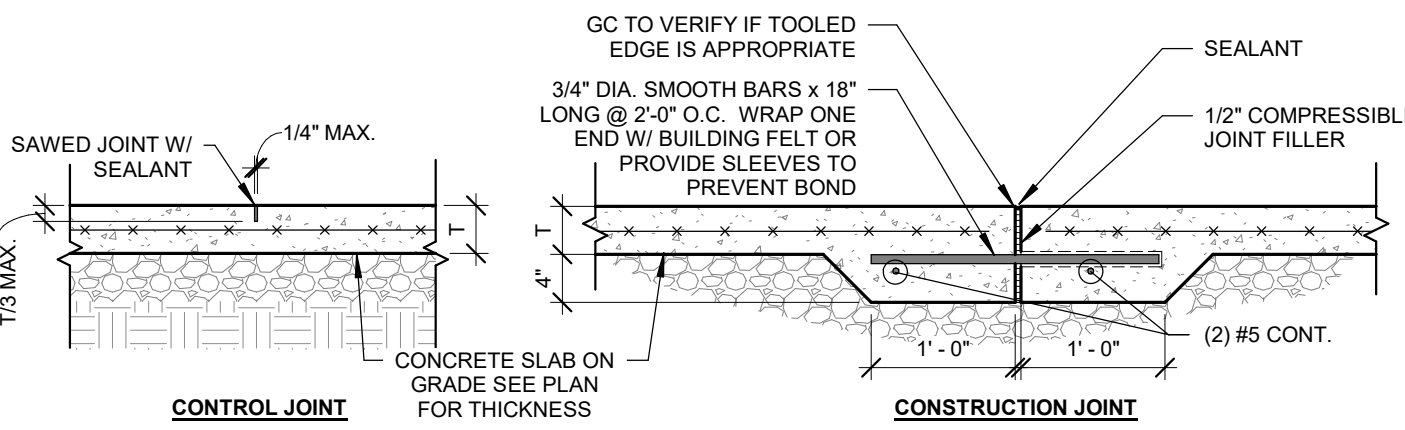


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SPRINGFIELD, MO 65807
PHONE: 417-708-9315

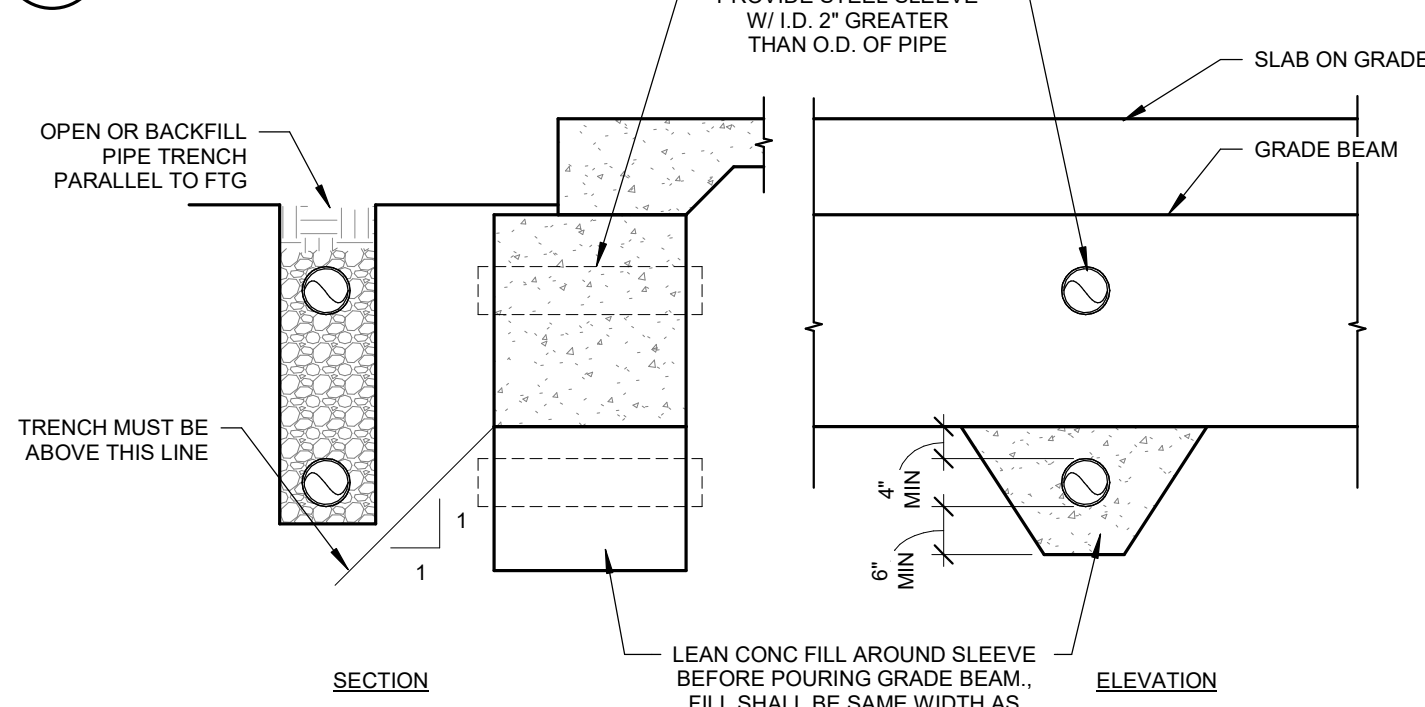
MO CERTIFICATE OF AUTHORITY
NO: E-2011011004



1 FOUNDATION PLAN-AREA B
1/8" = 1'-0"

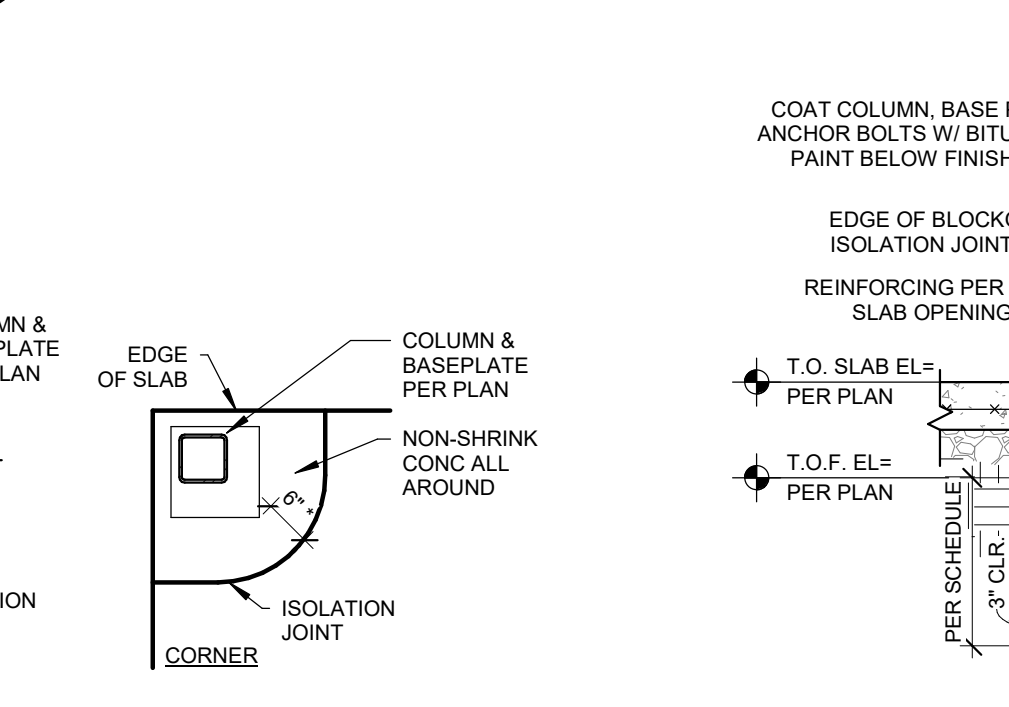


1 CONCRETE SLAB JOINTS
3/4" = 1'-0"



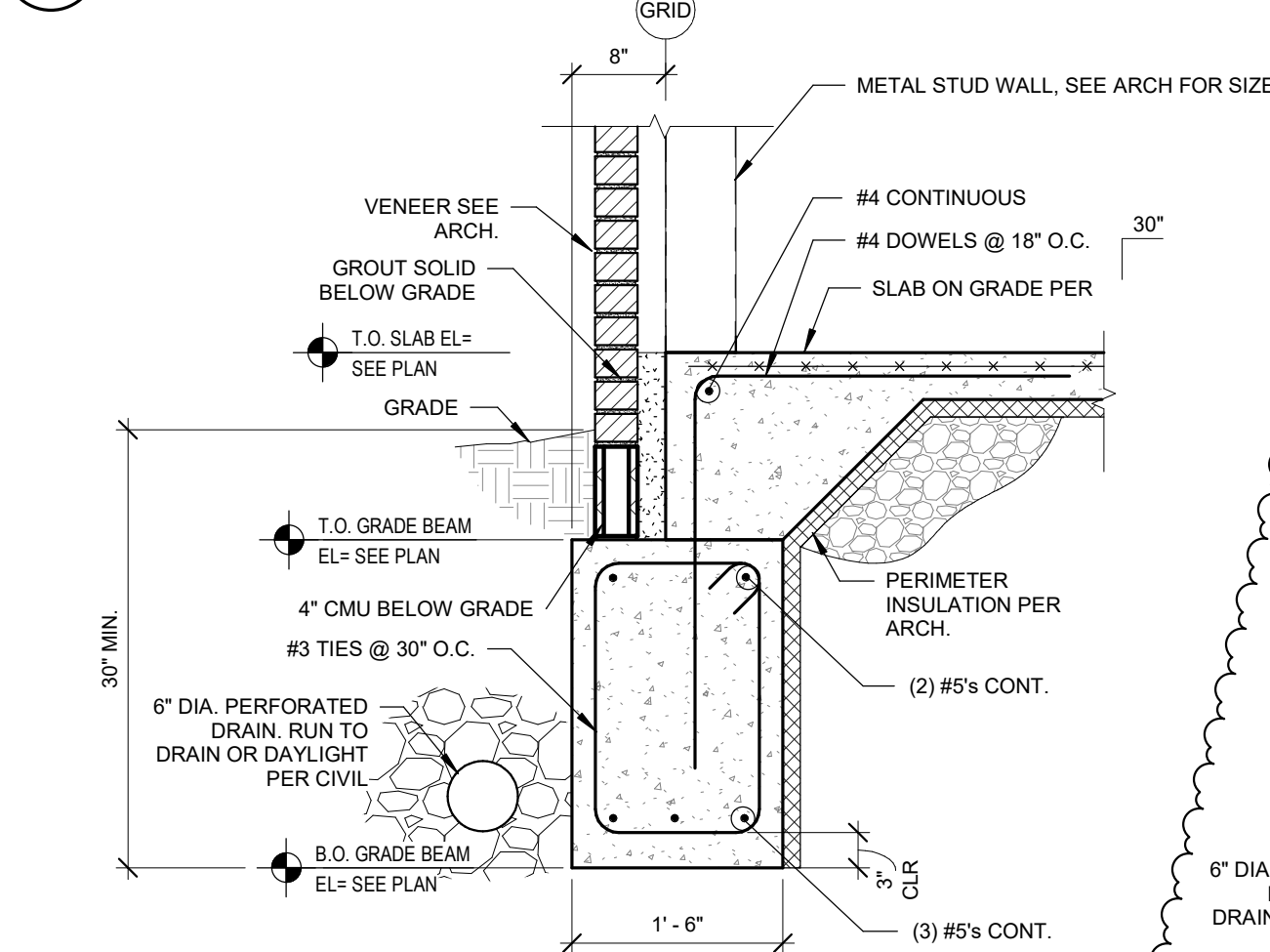
2 TYPICAL STEP FOOTING
3/4" = 1'-0"

3 TYPICAL STEP AT BOTTOM OF GRADE BEAM
3/4" = 1'-0"



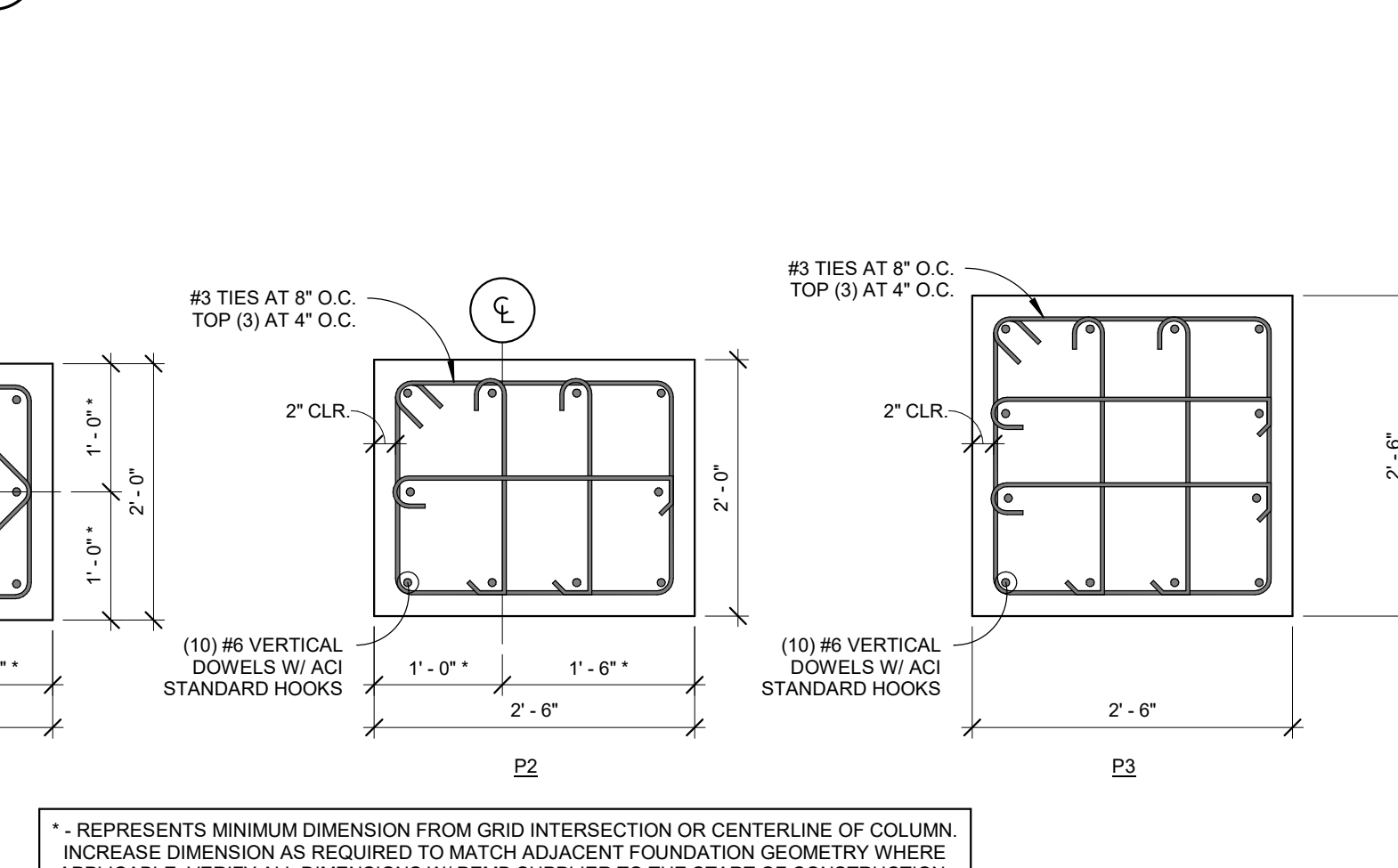
4 PIPE PENETRATION DETAIL AT CMU
1/2" = 1'-0"

5 PIPE PENETRATION DETAIL AT GRADE BEAM
1/2" = 1'-0"



6 ISOLATION JOINT DETAILS
1/2" = 1'-0"

7 SECTION AT INTERIOR COLUMN
3/4" = 1'-0"

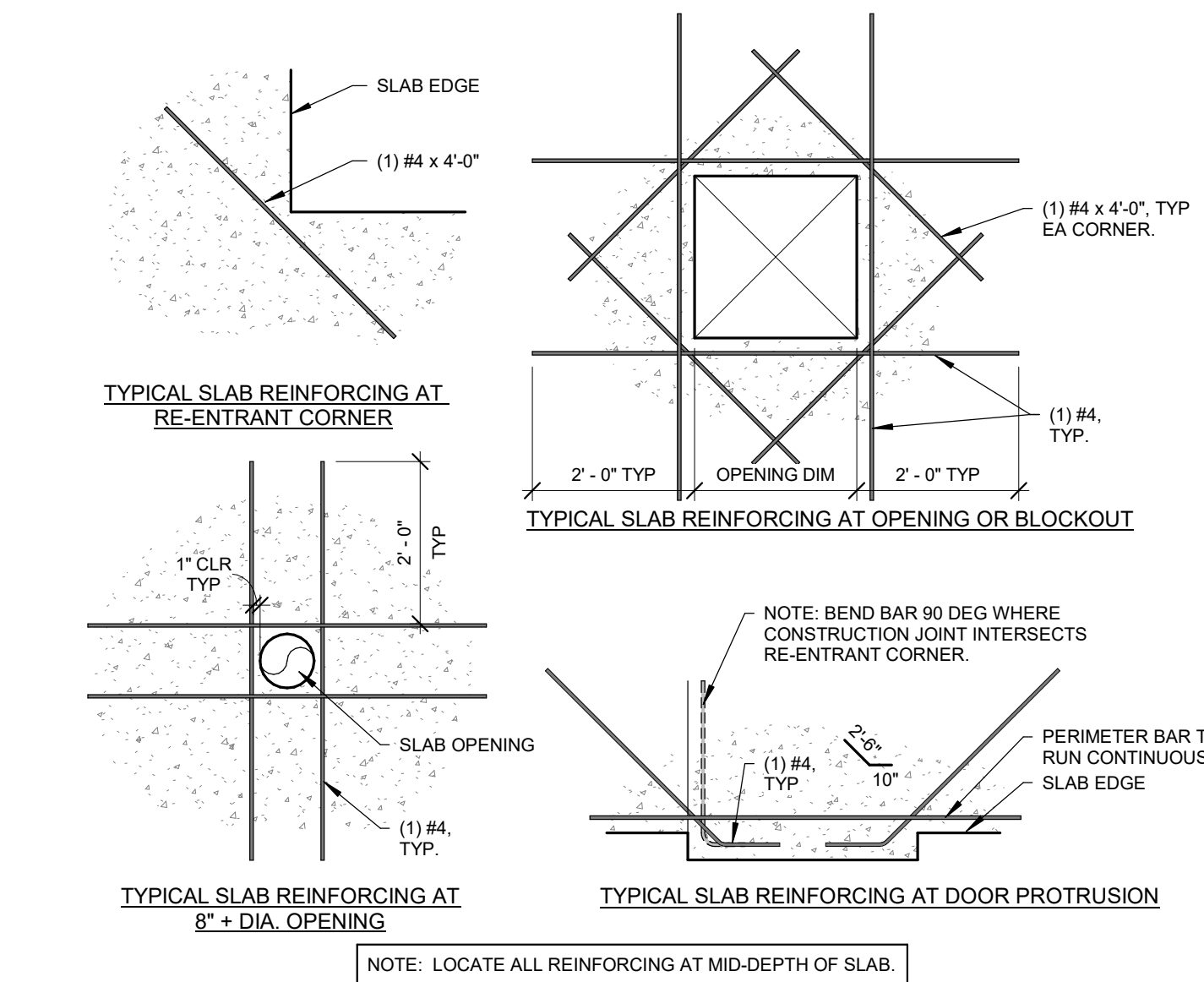


8 GRADE BEAM AT STUD WALL
3/4" = 1'-0"

9 FOUNDATION AT METAL BUILDING COLUMN
3/4" = 1'-0"

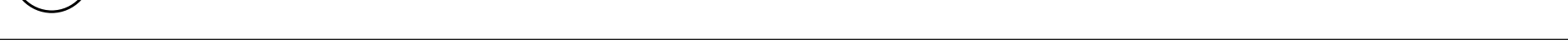


10 PEDESTAL DETAIL
3/4" = 1'-0"

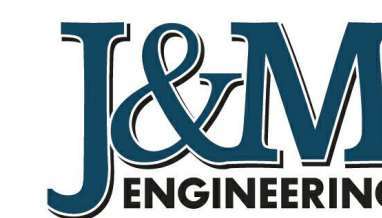


11 TYPICAL SLAB ON GRADE REINFORCING DETAILS
1/2" = 1'-0"

12 GRADE BEAM AT CMU
3/4" = 1'-0"

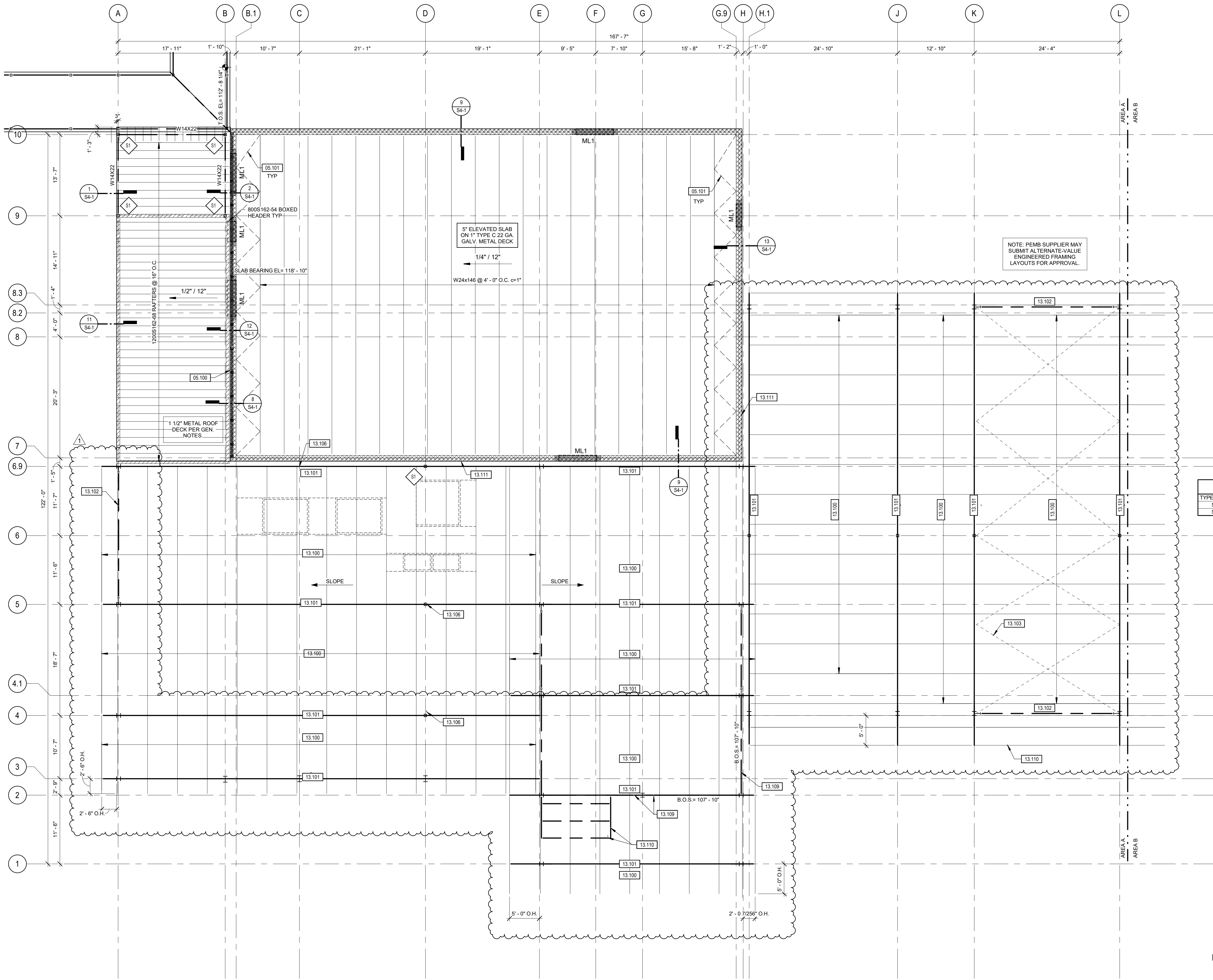


REVISIONS		
1	AD 01	6/15/2021



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SPRINGFIELD, MO 65807
PHONE: 417-708-9315

MO CERTIFICATE OF AUTHORITY
NO: E-2011011004



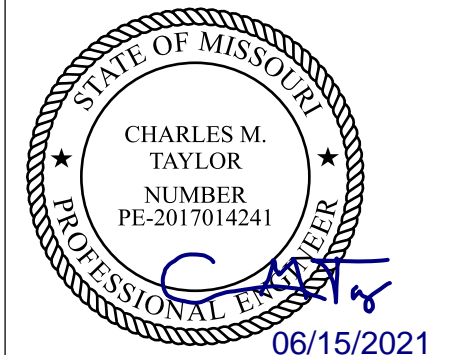
- PLAN NOTES - FRAMING**
- MECHANICAL EQUIPMENT WEIGHTS AND LOCATIONS ARE ESTIMATED ONLY. COORDINATE ALL RTU EQUIPMENT LOCATIONS AND CURBS WITH MEP AND ARCH.
 - COORDINATE ROOF OPENINGS WITH MEP AND ARCH. PROVIDE SUPPLEMENTAL FRAMING PER NOTES AND DETAILS AT OPENINGS.
 - PROVIDE JOIST BRIDGING AS REQUIRED BY THE JOIST PROVIDER. COORDINATE BRIDGING LOCATIONS WITH OTHER TRADES.
 - MECHANICAL HANGERS AND OTHER ITEMS SUPPORTED FROM JOIST FRAMING ARE TO BE SUPPORTED AT JOIST PANEL POINTS ONLY. REFER TO JOIST REINFORCING DETAIL FOR ADDITIONAL INFORMATION.

WALL LEGEND	
	- HATCH INDICATES 12" CMU WALL.
	- HATCH INDICATES 600S162-43 STUDS @ 16" O.C. W/ BRIDGING @ 48" O.C.

COLUMN SCHEDULE				
TYPE MARK	COLUMN SIZE	BASE PLATE SIZE	ANCHOR BOLT SIZE	NOTES
S1	HSS5X5X5/16	3/4"x12"x12"	3/4" DIA.	U.N.O.
S2	HSS4X4X1/2	3/4"x10"x10"	3/4" DIA.	U.N.O.

KEYNOTE	DESCRIPTION
05.100	PROVIDE EXPANSION JOINT TO ALLOW FOR 1" OF MOVEMENT EACH WAY.
05.101	1/2"x3/8" ANGLES AT DECK BRG AT APPROX. 45 DEG. WELD DECKING TO ANGLES AT EACH FLUTE.
13.100	8" PURLINS @ 5'-0" O.C. OR AS REQUIRED BY PEMB SUPPLIER.
13.101	MAIN FRAME BY PEMB SUPPLIER.
13.102	PORTAL FRAME BY PEMB SUPPLIER.
13.103	ROOF ROD BRACING BY PEMB SUPPLIER.
13.106	8" MAX. HSS COLUMN BY PEMB SUPPLIER.
13.109	WIND BEAM BY PEMB SUPPLIER.
13.110	CANOPY BY PEMB SUPPLIER.
13.111	PROVIDE EXPANSION JOINT TO ALLOW FOR 1 1/2" OF MOVEMENT EACH WAY.

REVISIONS		
1	AD 01	6/15/2021



MISSOURI STATE CERTIFICATE OF AUTHORITY #2010011426

PARAGON
ARCHITECTURE

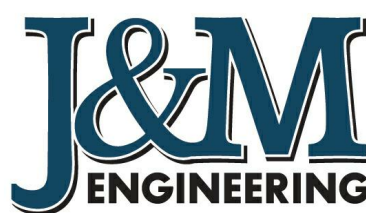
637 COLLEGE STREET, SPRINGFIELD, MO 65806
PH: 417.885.0002
www.paragonarchitecture.com

S3-1 MARSHFIELD ECC
ROOF FRAMING PLAN-AREA A

PROJECT NUMBER:
20-602

DATE:
06/09/2021

BIM 360://Marshfield ECC #20-602/STRU-ECC_R19_CLOUD.rvt

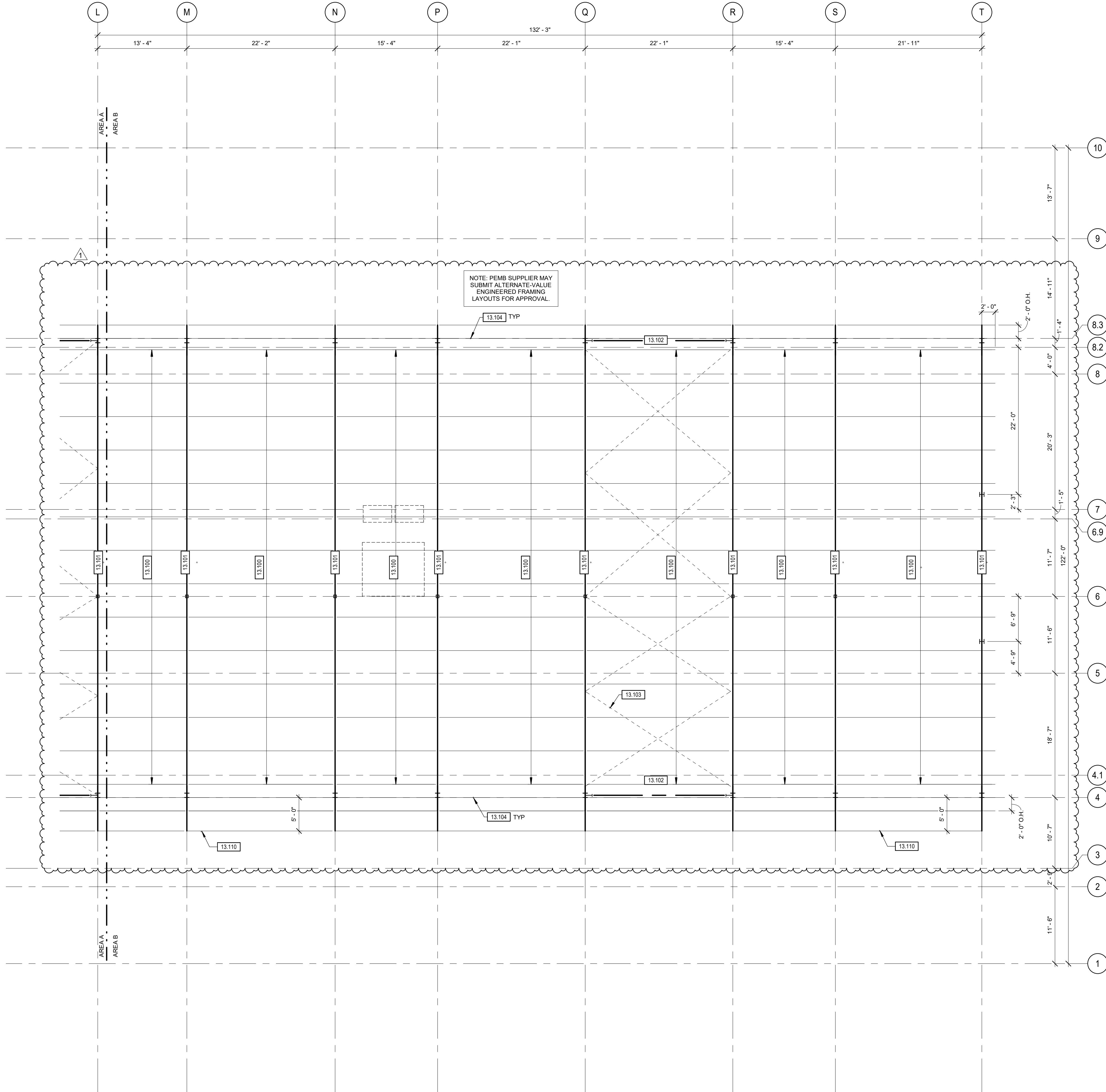


J&M ENGINEERING, LLC
3045 S. KANSAS EXPRESSWAY
SPRINGFIELD, MO 65807
PHONE: 417-708-9315

MO CERTIFICATE OF AUTHORITY
NO: E-2011011004

1 ROOF FRAMING PLAN-AREA B

1/8" = 1'-0"



- PLAN NOTES - FRAMING**
- MECHANICAL EQUIPMENT WEIGHTS AND LOCATIONS ARE ESTIMATED ONLY. COORDINATE ALL RTU EQUIPMENT LOCATIONS AND CURBS WITH MEP AND ARCH.
 - COORDINATE ROOF OPENINGS WITH MEP AND ARCH. PROVIDE SUPPLEMENTAL FRAMING PER NOTES AND DETAILS AT OPENINGS.
 - PROVIDE JOIST BRIDGING AS REQUIRED BY THE JOIST PROVIDER. COORDINATE BRIDGING LOCATIONS WITH OTHER TRADES.
 - MECHANICAL HANGERS AND OTHER ITEMS SUPPORTED FROM JOIST FRAMING ARE TO BE SUPPORTED AT JOIST PANEL POINTS ONLY. REFER TO JOIST REINFORCING DETAIL FOR ADDITIONAL INFORMATION.

WALL LEGEND

	- HATCH INDICATES 12\"/>
	- HATCH INDICATES 600S162-43 STUDS @ 16\"/>

COLUMN SCHEDULE

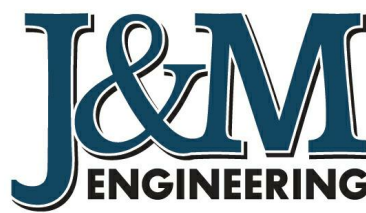
TYPE MARK	COLUMN SIZE	BASE PLATE SIZE	ANCHOR BOLT SIZE	NOTES
S1	HSS5X5X5/16	3/4\"/>	3/4\"/>	U.N.O.
S2	HSS4X4X1/2	3/4\"/>	3/4\"/>	U.N.O.

KEYNOTE LEGEND

KEYNOTE	DESCRIPTION
13.100	8\"/>
13.101	MAIN FRAME BY PEMB SUPPLIER.
13.102	PORTAL FRAME BY PEMB SUPPLIER.
13.103	ROOF ROD BRACING BY PEMB SUPPLIER.
13.104	EAVE STRUT/WIND BEAM BY PEMB SUPPLIER.
13.110	CANOPY BY PEMB SUPPLIER.

REVISIONS

1	AD 01	6/15/2021
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J&M ENGINEERING, LLC
3045 S. KANSAS EXPRESSWAY
SPRINGFIELD, MO 65807
PHONE: 417-708-9315

MO CERTIFICATE OF AUTHORITY
NO: E-2011011004

PROJECT DESCRIPTION:

S3-2 MARSHFIELD ECC
ROOF FRAMING PLAN-AREA B

PROJECT NUMBER:
20-602

DATE:
06/09/2021

DRAWN BY:
CHECKED BY:

PROJECT ENGINEER:
FEM
CMT

600 N. Locust St., Marshfield, MO 65706

CHARLES M. TAYLOR
FEM
CMT

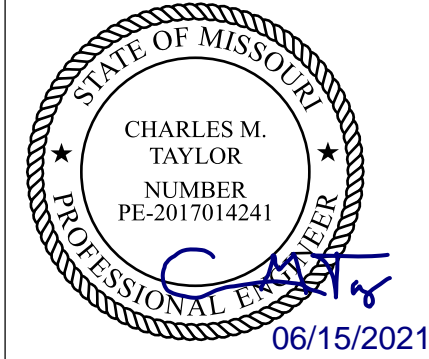
PROJECT ENGINEER:
FEM
CMT

637 COLLEGE STREET, SPRINGFIELD, MO 65806
PH: 417.885.0002
www.paragonarchitecture.com

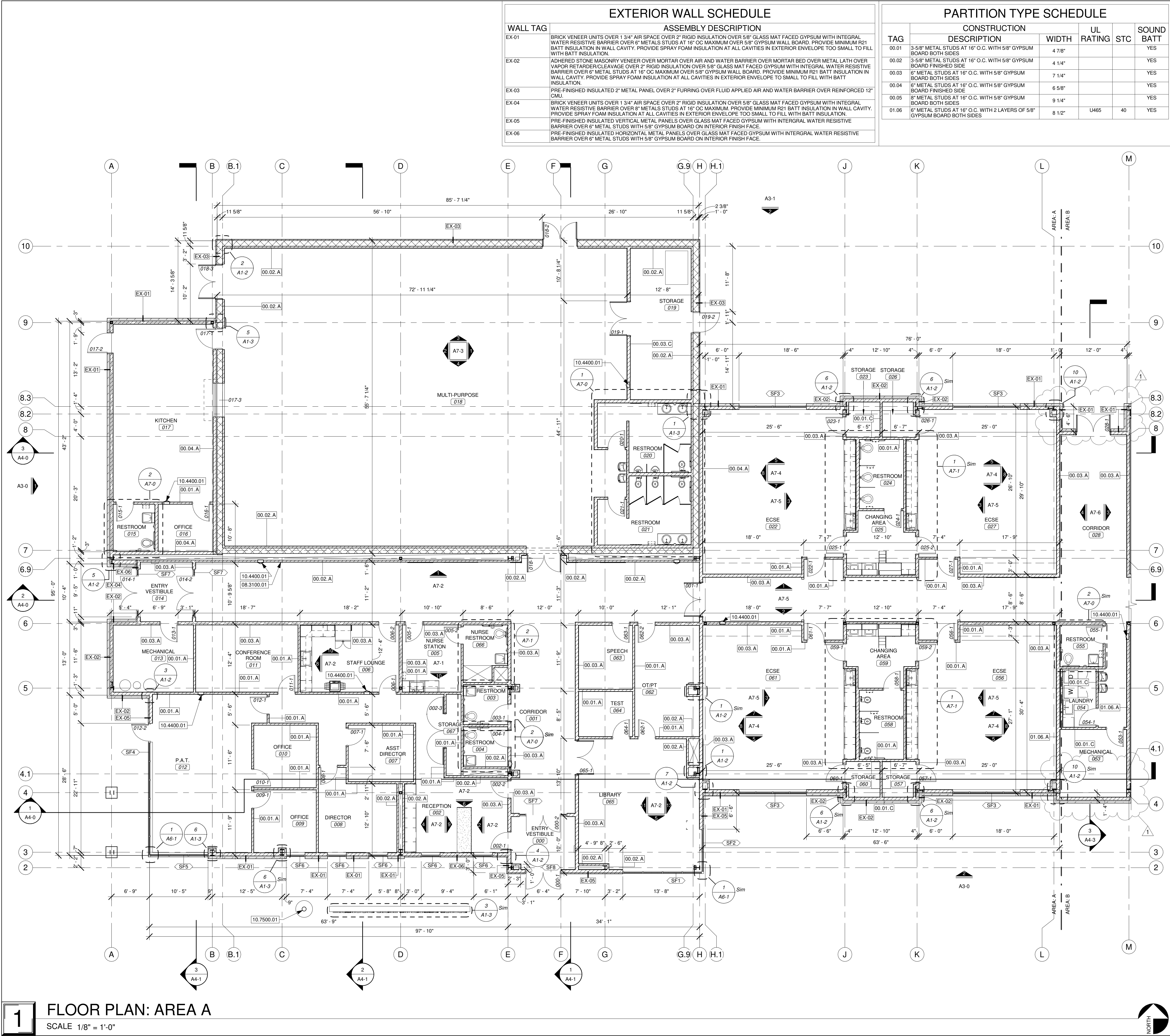
MISSOURI STATE CERTIFICATE OF AUTHORITY #2010011426

PARAGON
ARCHITECTURE

637 COLLEGE STREET, SPRINGFIELD, MO 65806
PH: 417.885.0002
www.paragonarchitecture.com



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PE No. 2017014241
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MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415

PARAGON ARCHITECTURE
637 COLLEGE STREET, SPRINGFIELD, MO 65806
PH: 417.885.0002
www.paragonarchitecture.com

REVISION SCHEDULE

NO.	DATE	DESCRIPTION
1	ADD-01	2021.06.14

PROJECT DESCRIPTION:
A1-0 MARSHFIELD EARLY CHILDHOOD CENTER
FLOOR PLAN - AREA A

PROJECT NUMBER:
20-602

DATE:
2021.06.09

DRAWN BY:
BEE

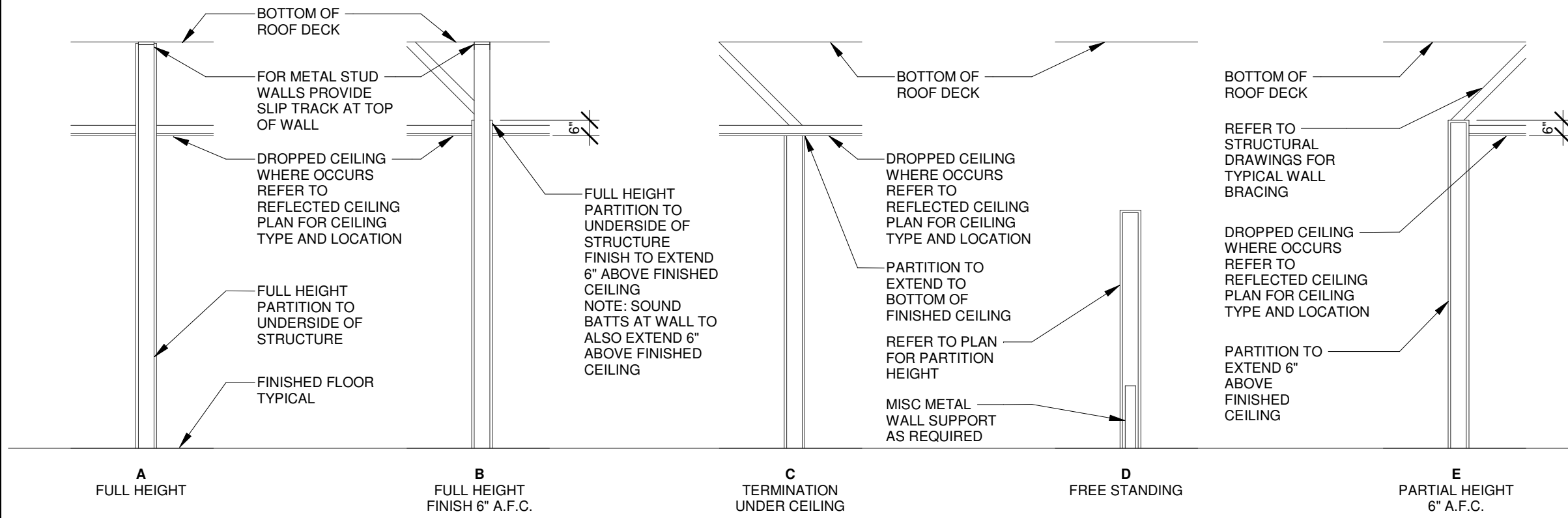
CHECKED BY:
CS, KMW, RMW, FY

PROJECT ARCHITECT:
JIM W. STEARMAN, ARCHITECT
NUMBER A-2020039367
DATE 8/15/2021
MO # A-2020039367

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TOP OF PARTITION LEGEND



EXTERIOR WALL SCHEDULE SMALL

WALL TAG	ASSEMBLY DESCRIPTION
EX-01	BRICK VENEER UNITS OVER 1 3/4" AIR SPACE OVER 2" RIGID INSULATION OVER 5/8" GLASS MAT FACED GYPSUM WITH INTEGRAL WATER RESISTIVE BARRIER OVER 6" METALS STUDS AT 16" OC MAXIMUM OVER 5/8" GYPSUM WALL BOARD. PROVIDE MINIMUM R21 BATT INSULATION IN WALL CAVITY. PROVIDE SPRAY FOAM INSULATION AT ALL CAVITIES IN EXTERIOR ENVELOPE TOO SMALL TO FILL WITH BATT INSULATION.
EX-02	ADHERED STONE MASONRY VENEER OVER MORTAR OVER AIR AND WATER BARRIER OVER MORTAR BED OVER METAL LATH OVER VAPOR RETARDER/CLEAVAGE OVER 2" RIGID INSULATION OVER 5/8" GLASS MAT FACED GYPSUM WITH INTEGRAL WATER RESISTIVE BARRIER OVER 6" METAL STUDS AT 16" OC MAXIMUM OVER 5/8" GYPSUM WALL BOARD. PROVIDE MINIMUM R21 BATT INSULATION IN WALL CAVITY. PROVIDE SPRAY FOAM INSULATION AT ALL CAVITIES IN EXTERIOR ENVELOPE TOO SMALL TO FILL WITH BATT INSULATION.
EX-03	PRE-FINISHED INSULATED 2" METAL PANEL OVER 2" FURRING OVER FLUID APPLIED AIR AND WATER BARRIER OVER REINFORCED 12" CMU.
EX-04	BRICK VENEER UNITS OVER 1 3/4" AIR SPACE OVER 2" RIGID INSULATION OVER 5/8" GLASS MAT FACED GYPSUM WITH INTEGRAL WATER RESISTIVE BARRIER OVER 8" METALS STUDS AT 16" OC MAXIMUM. PROVIDE MINIMUM R21 BATT INSULATION IN WALL CAVITY. PROVIDE SPRAY FOAM INSULATION AT ALL CAVITIES IN EXTERIOR ENVELOPE TOO SMALL TO FILL WITH BATT INSULATION.
EX-05	PRE-FINISHED INSULATED VERTICAL METAL PANELS OVER GLASS MAT FACED GYPSUM WITH INTEGRAL WATER RESISTIVE BARRIER OVER 6" METAL STUDS WITH 5/8" GYPSUM BOARD ON INTERIOR FINISH FACE.
EX-06	PRE-FINISHED INSULATED HORIZONTAL METAL PANELS OVER GLASS MAT FACED GYPSUM WITH INTEGRAL WATER RESISTIVE BARRIER OVER 6" METAL STUDS WITH 5/8" GYPSUM BOARD ON INTERIOR FINISH FACE.

PARTITION TYPE SCHEDULE

TAG	CONSTRUCTION		UL RATING	STC	SOUND BATT
	DESCRIPTION	WIDTH			
00.01	3-5/8" METAL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD BOTH SIDES	4 7/8"			YES
00.02	3-5/8" METAL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD FINISHED SIDE	4 1/4"			YES
00.03	6" METAL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD BOTH SIDES	7 1/4"			YES
00.04	6" METAL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD FINISHED SIDE	6 5/8"			YES
00.05	8" METAL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD BOTH SIDES	9 1/4"			YES
01.06	6" METAL STUDS AT 16" O.C. WITH 2 LAYERS OF 5/8" GYPSUM BOARD BOTH SIDES	8 1/2"	U465	40	YES

KEYNOTE LEGEND

10.4400.01	FIRE EXTINGUISHER CABINET
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PARTITION TYPE GENERAL NOTES

- EXTERIOR WALL CONSTRUCTION IS DESCRIBED IN WALL SECTIONS. INTERIOR WALL TYPES ARE DESCRIBED BY THEIR DENOTED WALL TYPES / WALL SECTIONS HEREIN.
- ANY WALL CONSTRUCTION NOT NOTED WITH A PARTITION TYPE WALL TAG SHALL BE CLARIFIED FOR INTERPRETATION BY THE ARCHITECT PRIOR TO BIDDING.
- THESE WALL SECTIONS INDICATE PRIMARY WALL TYPE, OVERLAIN VENEERS, WAINSCOT, PLASTER, PAINT, WALL COVERINGS ETC. ARE INDICATED ON FLOOR PLANS, FINISH PLANS, INTERIOR ELEVATIONS, SCHEDULES, SPECIFICATIONS OR OTHER DETAILS.
- INTERIOR NON-LOAD BEARING WALLS SHALL BE INSTALLED PER METAL STUD MANUFACTURER'S LIMITING HEIGHT / GAGE INFORMATION. INTERIOR WALL FRAMING TO ACCOMMODATE A LATERAL LOAD OF 7-1/2 POUNDS PER SQUARE FOOT (PSF) WITH A DEFLECTION LIMIT OF L/240.
- DESIGN OF LIGHT-GAUGE METAL FRAMING (INCLUDING ALL LOAD BEARING AND NON LOAD BEARING WALLS) AND THEIR CONNECTIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. SUBMIT SHOP DRAWINGS & CALCULATIONS SIGNED & SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE PROJECT STATE. REVIEW OF SHOP DRAWINGS SHALL BE FOR THE GENERAL CONFORMANCE WITH THE CONTRACT DOCUMENTS REGARDING ARRANGEMENT AND SIZE OF MEMBERS AND THE CONTRACTOR'S INTERPRETATION OF THE DESIGN LOADS AND CONTRACT DOCUMENT DETAILS. SUCH REVIEW SHALL NOT RELIEVE THE CONTRACTOR OF FULL RESPONSIBILITY FOR THE DESIGN OF THE MEMBERS AND THEIR CONNECTIONS.
- CONTRACTOR SHALL COORDINATE WALL FRAMING ABOVE FINISHED CEILINGS WITH FRAMING, PLUMBING, AND HVAC CONTRACTORS. FRAMING CONTRACTOR SHALL PROVIDE NECESSARY ROUGH OPENING FRAMING REQUIRED TO FACILITATE PIPING OR DUCTWORK PENETRATIONS. REFER TO MEP ENGINEERING DRAWINGS FOR LOCATIONS OF LOCATIONS OF NEW / EXISTING DUCTS, PIPING, ETC. SOME WALL FRAMING / BRACING MAY REQUIRE ADJUSTMENT OR RE-LOCATION TO ALLOW FOR DUCT / PIPE ROUTING.
- SEE INTERIOR ELEVATIONS FOR GYPSUM BOARD CONTROL JOINTS AND PROVIDE PER USG GOOD DESIGN PRACTICES (IF CONTROL JOINTS ARE NOT SHOWN) FOR DRYWALL STEEL FRAMED SYSTEMS AND DESIGN DETAILS THEREIN.
- ALL WALLS WITH PLUMBING FIXTURES AND WALLS ADJACENT TO PLUMBING FIXTURES SHALL RECEIVE MOISTURE AND MOLD RESISTANT GYPSUM BOARD BOTH SIDES.
- ALL WALLS IN CORRIDORS SHALL RECEIVE ABUSE-RESISTANT GYPSUM BOARD UP TO 4'-0" MIN. BASIS-OF-DESIGN TO BE NATIONAL GYPSUM HI-ABUSE XP OR ARCHITECT APPROVED EQUAL.
- SEE STRUCTURAL DRAWINGS, NOTES, AND DETAILS FOR ADDITIONAL STRUCTURAL CMU / STUD WALL INFORMATION - TYPICAL FOR ALL WALL TYPES.
- ASSEMBLIES SHALL BE AIRTIGHT. SEAL ALL PENETRATIONS AND CRACKS WITH ACOUSTICAL SEALANT OR FIRE RATED SEALANT AT FIRE RATED PARTITIONS. TOP (WHERE PARTITIONS EXTEND TO DECK ABOVE) AND BOTTOM OF PARTITIONS TO RECEIVE ACOUSTICAL SEALANT OR FIRE RATED SEALANT AT FIRE RATED PARTITIONS.
- RECESSED FIXTURES SUCH AS OUTLETS SHALL NOT BE PLACED BACK TO BACK IN THE SAME STUD CAVITY.
- SEE PARTITION TYPE SCHEDULE FOR SOUND BATT INSULATION LOCATIONS.
- PROVIDE 2X WOOD BLOCKING FOR ALL ACCESSORIES, EQUIPMENT, AND CASEWORK. SEE PLANS FOR LOCATIONS.

PARTITION TAG LEGEND

PARTITION TAG IS COMPRISED OF THREE PARTS AS NOTED BELOW:

PARTITION RATING
00 = NON-RATED PARTITION
01 = 1-HOUR RATED PARTITION
02 = 2-HOUR RATED PARTITION

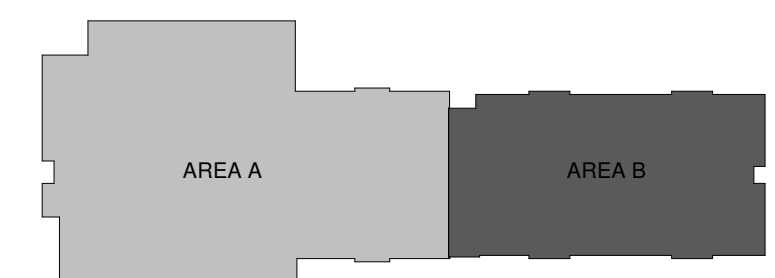
PARTITION TYPE
REFER TO DESCRIPTION IN PARTITION TYPE SCHEDULE

PARTITION TERMINATION
REFER TO TOP OF PARTITION LEGEND

FLOOR PLAN GENERAL NOTES

- ALL DIMENSIONS INDICATED IN CONTRACT DOCUMENTS ARE FROM FACE OF STUD TO FACE OF STUD FOR INTERIOR PARTITIONS, FACE OF EXISTING STRUCTURE OR FINISH FACE OF CONCRETE OR BLOCK, OR TO STRUCTURAL LINE, EXCEPT AS NOTED OTHERWISE. DIMENSIONS OF EXISTING STRUCTURE, ETC ARE +/- AND SHOULD BE FIELD VERIFIED PRIOR TO COMMENCEMENT OF WORK AND ARCHITECT NOTIFIED OF ANY DISCREPANCIES.
- GENERAL CONTRACTOR SHALL COORDINATE ALL MECHANICAL, ELECTRICAL AND PLUMBING WORK AND PROVIDE ALL NECESSARY CONSTRUCTION TO FACILITATE WORK INCLUDING BUT NOT LIMITED TO ROUGH OPENINGS, EQUIPMENT SUPPORTS, AND BACKING ETC.
- PROVIDE SOLID WOOD BLOCKING AS REQUIRED TO INSTALL EQUIPMENT, CASEWORK ETC. VERIFY WITH OWNER FOR ALL ADDITIONAL OWNER FURNISHED ITEMS THAT REQUIRE BLOCKING.
- BUILDING IS TO BE STAKED OUT ON SITE BY A REGISTERED LAND SURVEYOR PRIOR TO COMMENCEMENT OF CONSTRUCTION TO VERIFY THAT NO CONFLICTS EXIST BETWEEN PROPOSED CONSTRUCTION AND PROPERTY SETBACKS, EASEMENTS, EXISTING STRUCTURES OR OTHER PHYSICAL OBJECTS ON SITE. NOTIFY ARCHITECT IMMEDIATELY OF ANY CONFLICTS OR VARIATIONS FROM PLANS.
- ALL GLASS IN DOORS, ADJACENT OR WITHIN 12" OF DOORS HORIZONTALLY, WITHIN 36" OF STAIRS OR CLOSER THAN 18" TO FLOOR TO BE TEMPERED PER CODE (IBC ADOPTED EDITION).
- INTERIOR DOORS TO BE LOCATED 5' AWAY FROM ADJACENT CORNERS, UNLESS NOTED OR DIMENSIONED OTHERWISE.
- SEE STRUCTURAL DRAWINGS FOR ALL HEADER, BOND BEAM, LINTEL, COLUMN, AND OTHER STRUCTURAL REQUIREMENTS.
- SEE CODE COMPLIANCE PLAN FOR FIRE EXTINGUISHER AND SIGNAGE REQUIREMENTS AND LOCATIONS.
- FINISH FLOOR ELEVATION INDICATED ON ARCHITECTURAL DRAWINGS IS AT ELEVATION 100'-0". SEE CIVIL DRAWINGS FOR ACTUAL ELEVATION.

AREA PLAN LEGEND



FLOOR PLAN: AREA B

SCALE 1/8" = 1'-0"



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MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415
REVISION SCHEDULE
1 ADD-01 2021.06.14

A1-1 MARSHFIELD EARLY CHILDHOOD CENTER
FLOOR PLAN - AREA B
PROJECT NUMBER: 20-602
DATE: 2021.06.09
PROJECT ARCHITECT: BEE
DRAWN BY: CS, KMW
CHECKED BY: KMW, FV
PROJECT DESCRIPTION: 600 N Locust St. Marshfield, MO 65706



JIM W. STEARMAN ARCHITECT
MO # A-2020039367
6/15/2021

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PARAGON ARCHITECTURE

ARCHITECTURE

637 COLLEGE STREET, SPRINGFIELD, MO 65806

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www.paragonarchitecture.com

REVISION SCHEDULE

1 ADD-01 2021.06.14

PROJECT DESCRIPTION:

A1-2 MARSHFIELD EARLY CHILDHOOD CENTER

PLAN DETAILS

PROJECT NUMBER:

20-602

DATE:

2021.06.09

DRAWN BY:

CS:MMW, DRW2

CHECKED BY:

BEE

600 N Locust St. Marshfield, MO

65706

PROJECT ARCHITECT:

CS:MMW, DRW2

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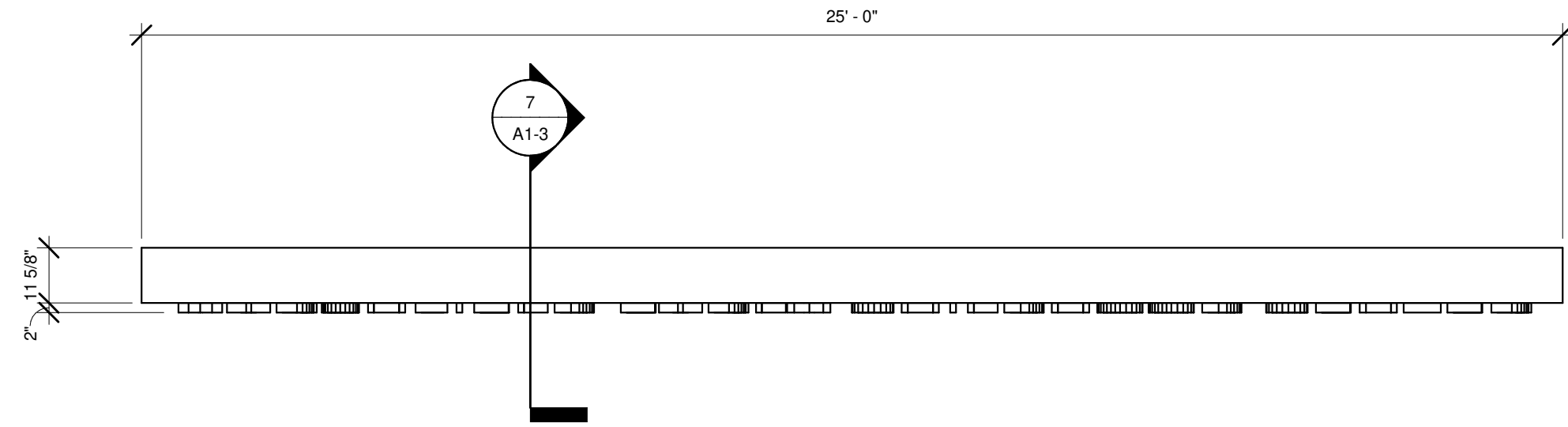
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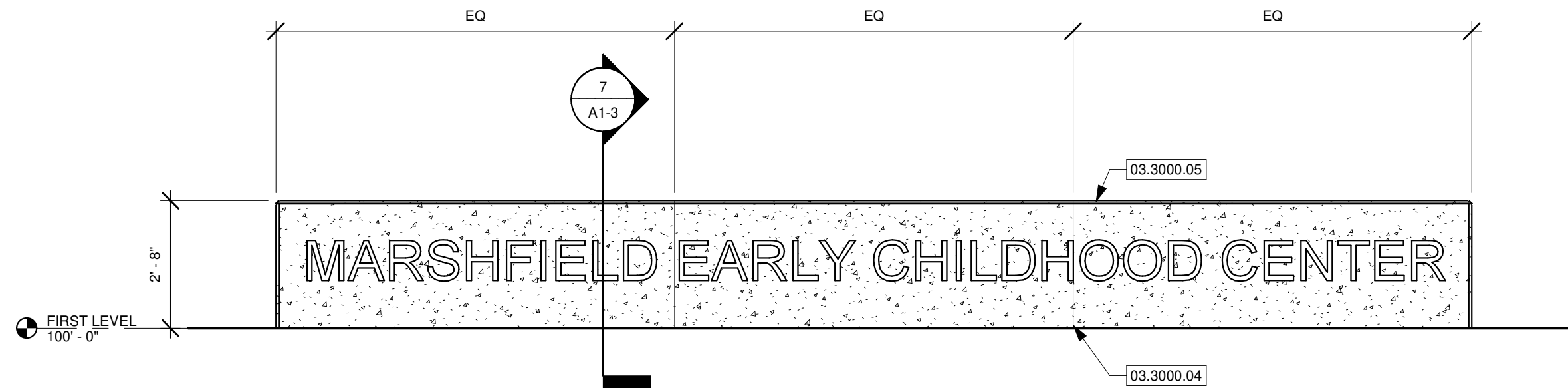
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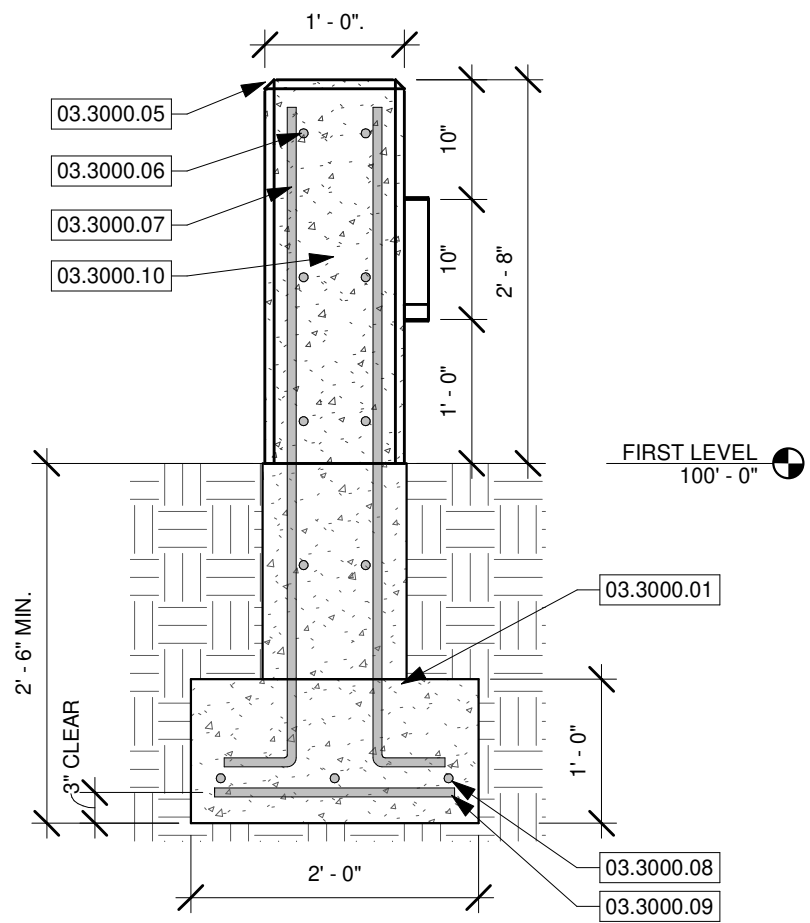
3 MONUMENT SIGNAGE PLAN
SCALE 3/8" = 1'-0"



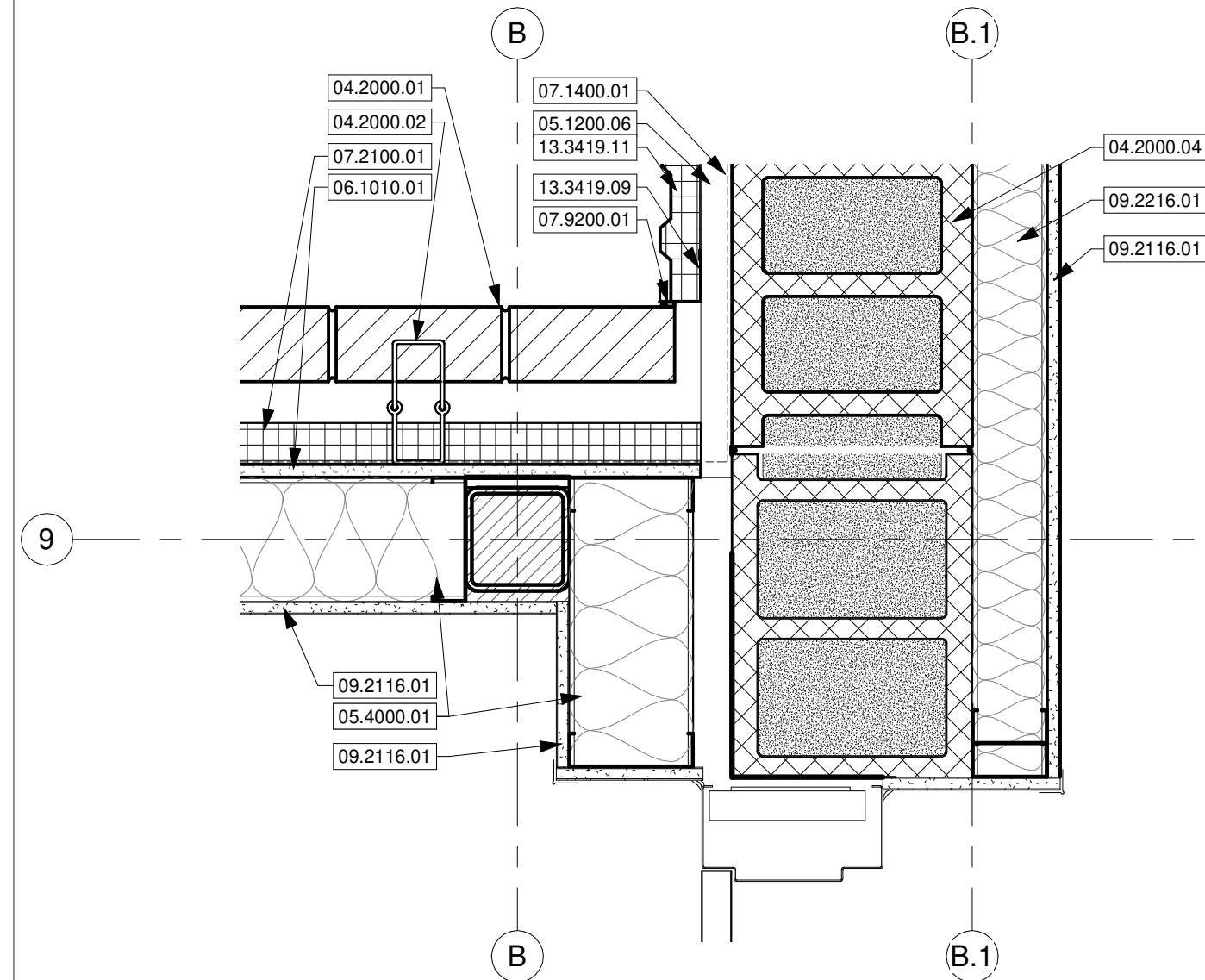
4 MONUMENT SIGNAGE SOUTH ELEVATION
SCALE 3/8" = 1'-0"



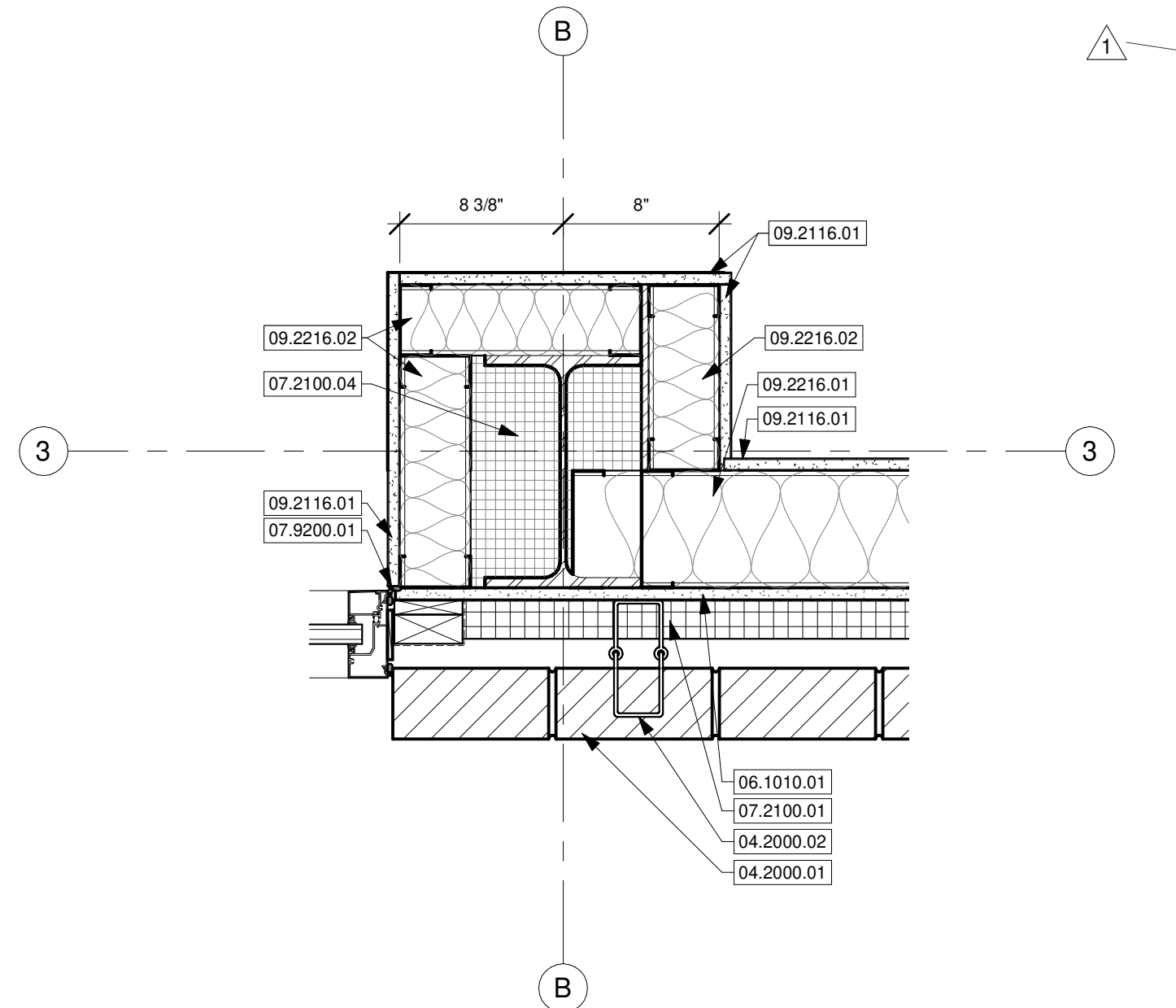
7 MONUMENT SIGNAGE SECTION
SCALE 3/4" = 1'-0"



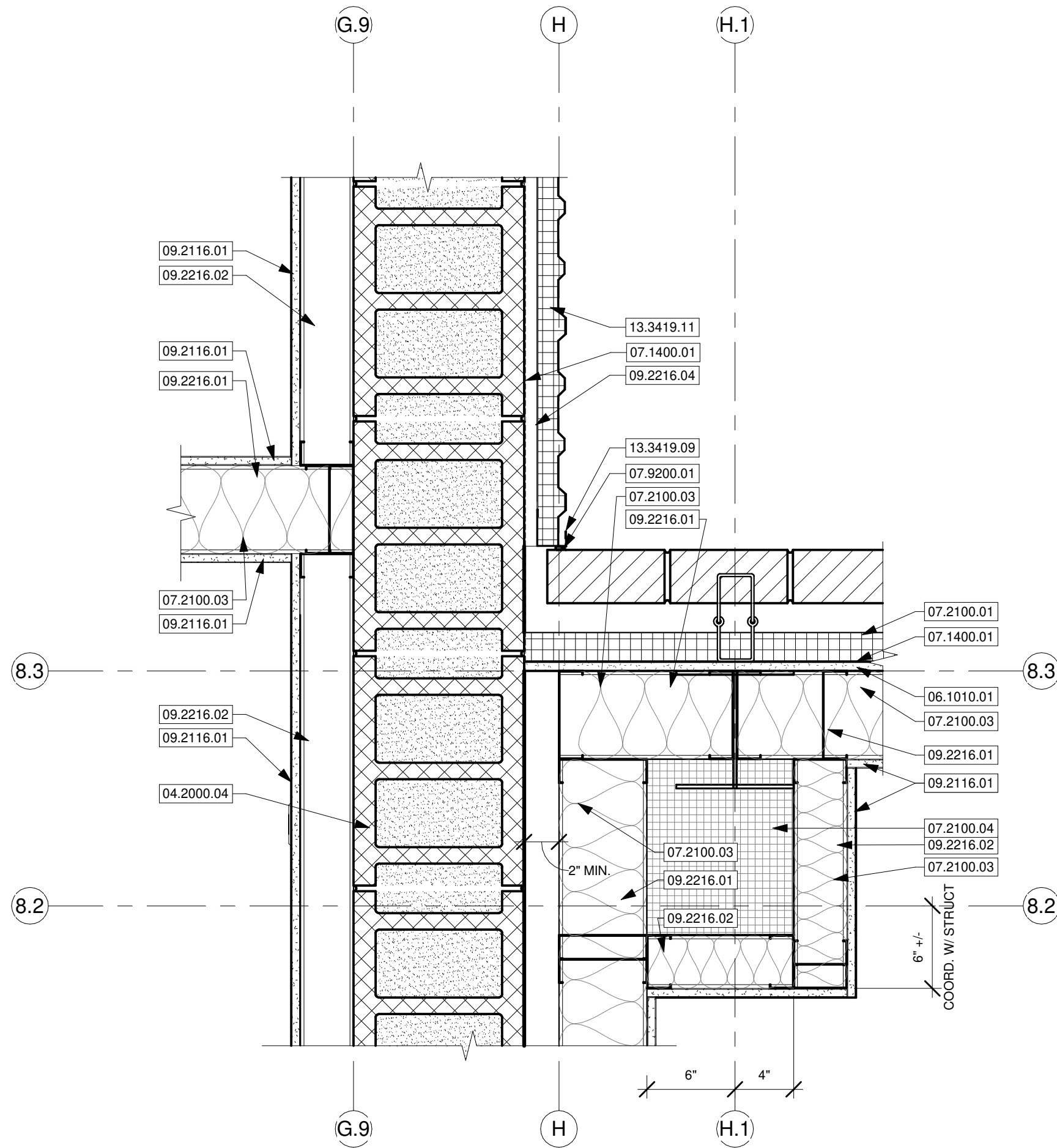
5 SAFE ROOM @ KITCHEN I/S CORNER
SCALE 1 1/2" = 1'-0"



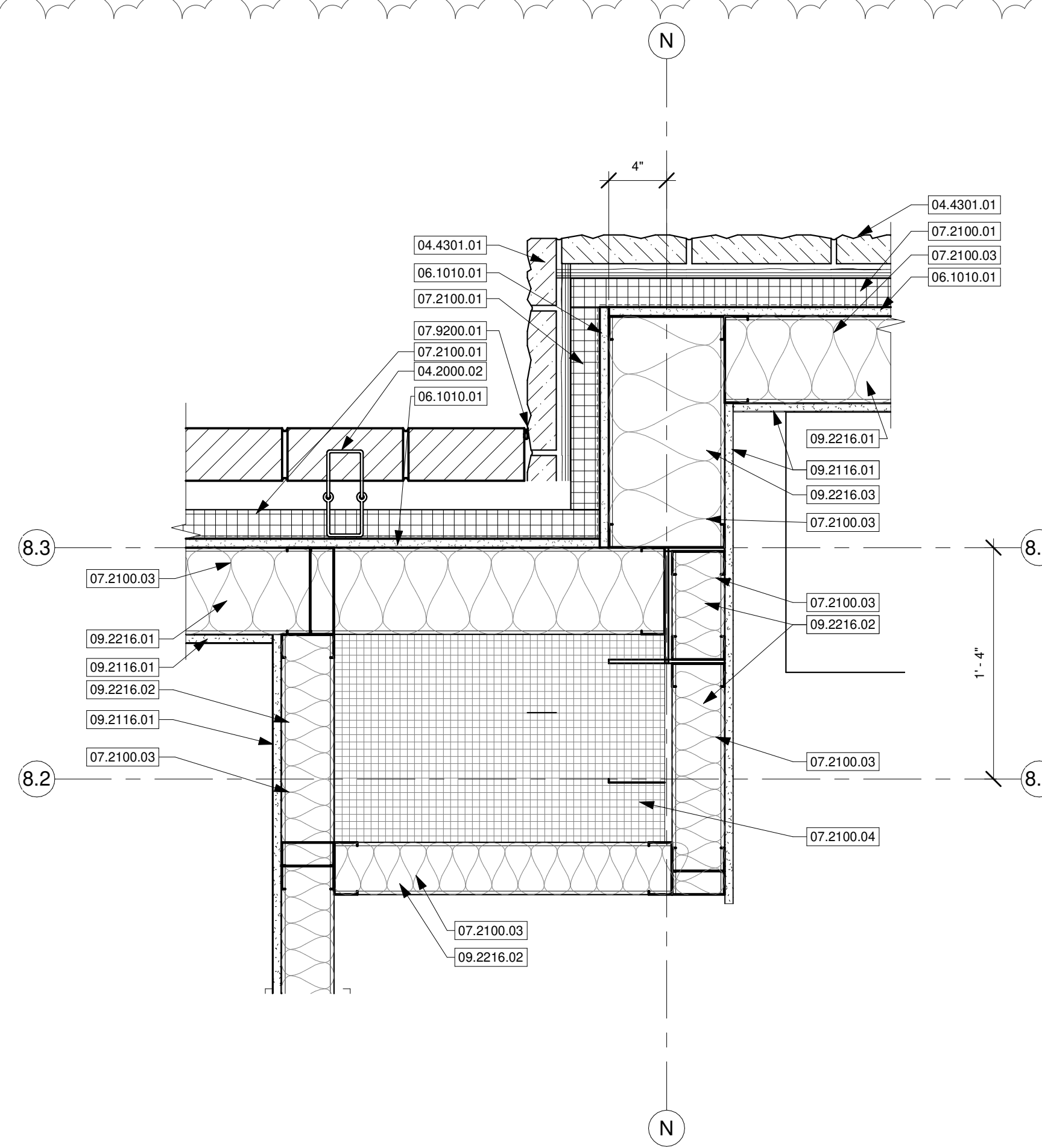
6 COLUMN BUILD OUT @ P.A.T.
SCALE 1 1/2" = 1'-0"



1 ECSE @ CMU
SCALE 1 1/2" = 1'-0"



2 MAIN FRAME BUILD OUT @ ECSE 029
SCALE 1 1/2" = 1'-0"



KEYNOTE LEGEND	
03.3000.01	REINFORCED CONCRETE FOUNDATION. REFER TO STRUCTURAL DRAWINGS.
03.3000.04	FORMED CONTROL JOINT. SEE STRUCTURAL.
03.3000.05	CHAMFER ALL EXPOSED CORNERS 3/4".
03.3000.06	#4 BARS @ 12" O.C. CONT. EACH FACE
03.3000.07	#4 DOWELS @ 12" O.C. EACH FACE VERT.
03.3000.08	(3) #5 BARS CONT.
03.3000.09	#5 BARS @ 12" O.C.
03.3000.10	REINFORCED CAST IN PLACE CONCRETE SIGN. SMOOTH FINISH.
04.2000.01	MASONRY VENEER. SEE BUILDING ELEVATIONS FOR MORE INFORMATION.
04.2000.02	MASONRY TIES AT 16" HORIZONTALLY AND VERTICALLY.
04.2000.04	12" REINFORCED CMU. SEE STRUCTURAL.
04.4301.01	ADHERED STONE MASONRY VENEER OVER MORTAR OVER AIR AND WATER BARRIER OVER MORTAR BED OVER METAL LATH OVER VAPOR RETARDER/CLEAVAGE.
05.1200.06	1 1/2" HAT CHANNEL FURRING.
05.4000.01	6" METAL STUD FRAMING. SEE STRUCTURAL.
06.1010.01	5/8" GLASS MAT FACED GYPSUM SHEATHING WITH INTEGRAL WATER RESISTIVE BARRIER.
07.1400.01	FLUID APPLIED AIR AND WATER BARRIER
07.2100.01	2" RIGID INSULATION.
07.2100.03	R-13 GLASS FIBER BATT INSULATION. FILL ALL CAVITIES IN EXTERIOR ENVELOPE TOO SMALL TO FIT BATT INSULATION WITH SPRAY FOAM INSULATION.
07.2100.04	FILL CAVITY SURROUNDING PEMB FRAMING WITH BLOW-IN FILL INSULATION.
07.9200.01	CONTINUOUS SEALANT JOINT WITH BACKER ROD.
09.2116.01	5/8" PAINTED GYPSUM BOARD.
09.2216.01	5" METAL STUD FRAMING.
09.2216.02	3 5/8" METAL STUD FRAMING.
09.2216.03	8" METAL STUD FRAMING.
09.2216.04	1 1/2" HAT CHANNEL FURRING.
13.3419.08	PREFINISHED J-TRIM
13.3419.11	PREFINISHED 2" INSULATED METAL WALL PANEL.

MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415

STATE OF MISSOURI
JIM W. STEARMAN
ARCHITECT
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MO # A-2020039367

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REVISION SCHEDULE

1 ADD-01 2021.06.14

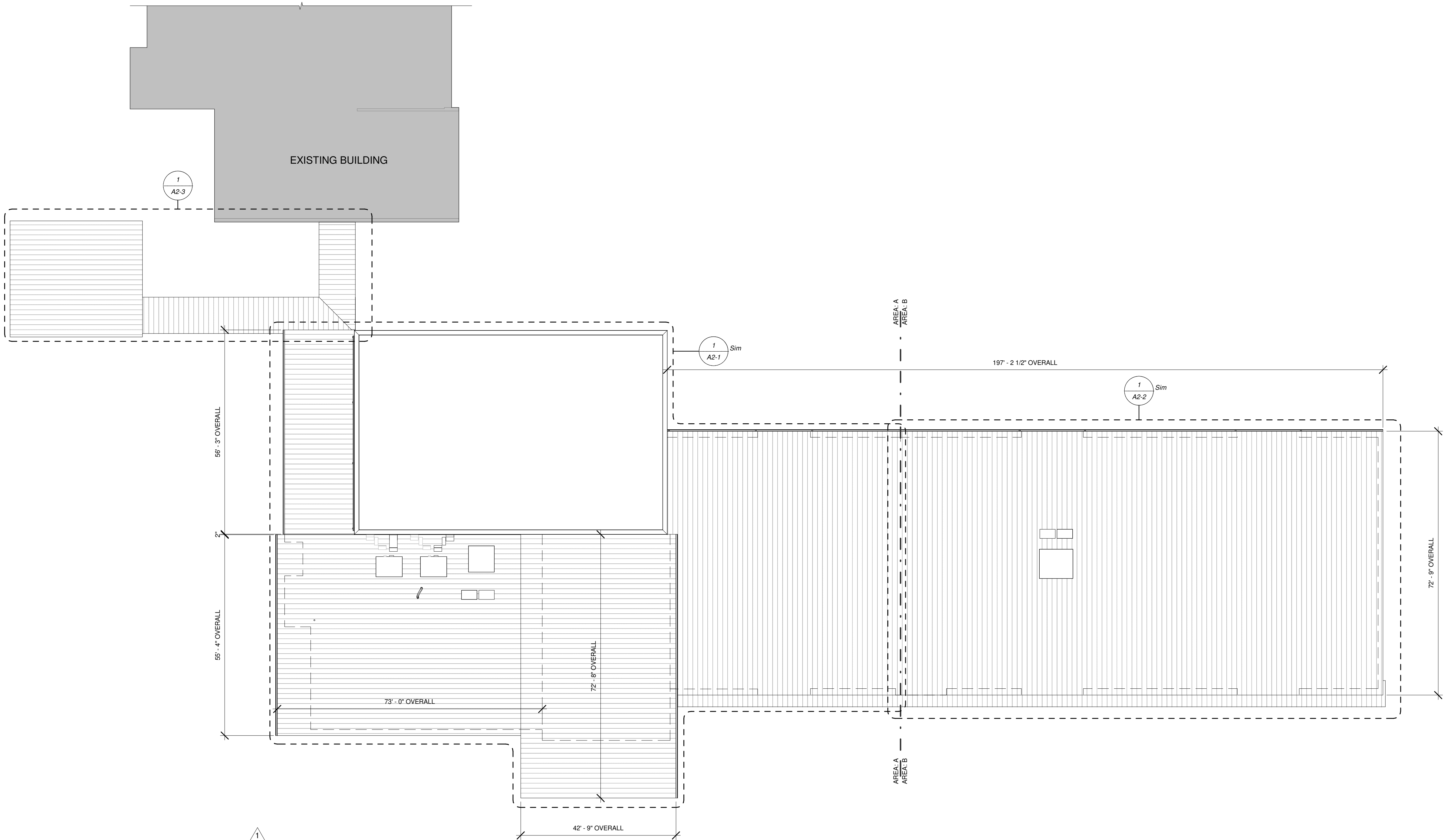
PROJECT DESCRIPTION:

A1-3 MARSHFIELD EARLY CHILDHOOD CENTER
PLAN DETAILS
PROJECT NUMBER: 20-602
DATE: 2021.06.09
600 N Locust St. Marshfield, MO 65706
PROJECT ARCHITECT: BEE
DRAWN BY: CS, MMW, DRW2
CHECKED BY: RMW, PY

1

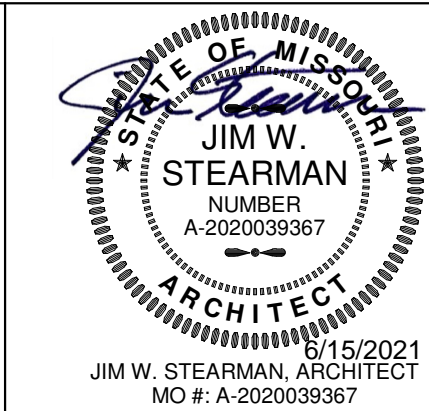
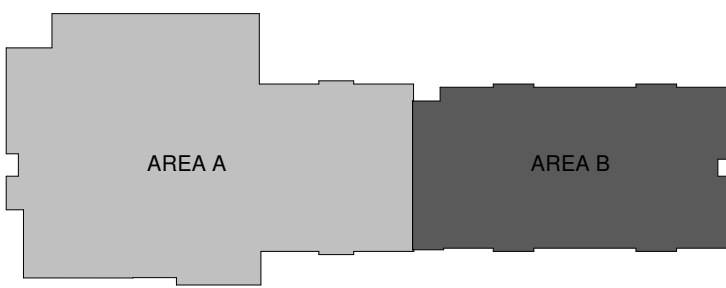
OVERALL ROOF PLAN

SCALE 1/16" = 1'-0"



KEYNOTE LEGEND

AREA PLAN LEGEND



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PARAGON

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REVISION SCHEDULE

1 ADD-01 2021.06.14

A2-0 MARSHFIELD EARLY CHILDHOOD CENTER
OVERALL ROOF PLAN

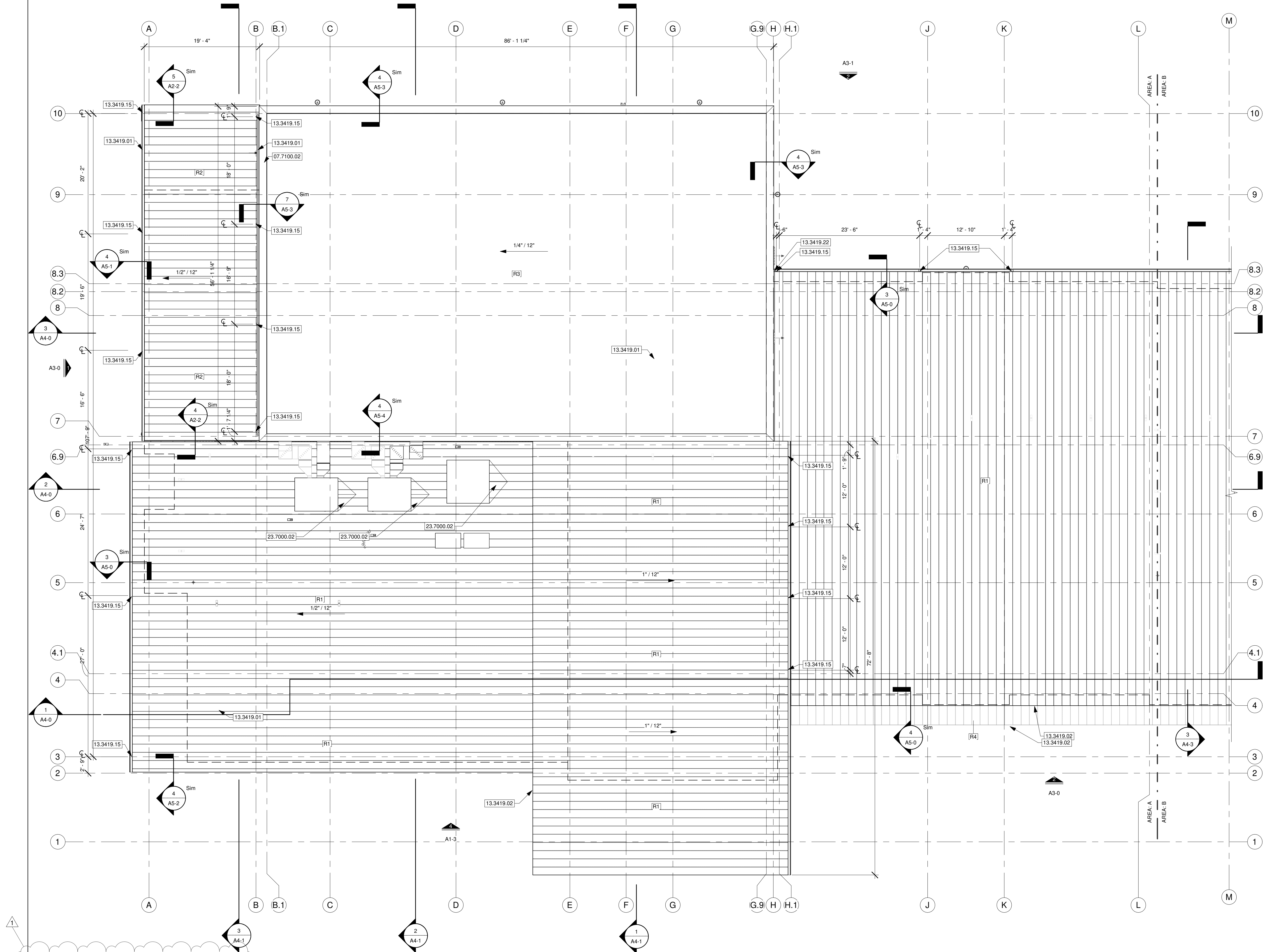
PROJECT NUMBER: 20-602

PROJECT ARCHITECT: BEE

DRAWN BY: CS:MMW, DRW2

CHECKED BY: MMW, PY

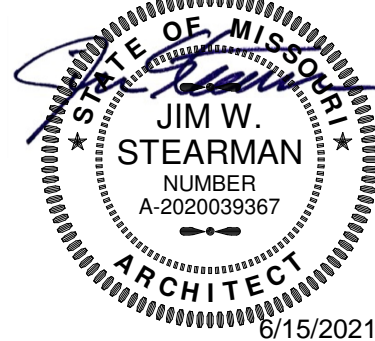
DATE: 2021.06.09



1 AREA A ROOF PLAN
SCALE 1/8" = 1'-0"

KEYNOTE LEGEND

07.7100.02	PREFINISHED METAL COPING WITH INTEGRAL DRIP EDGE, OVER 2X PRESSURE TREATED BLOCKING. SLOP CAP MINIMUM 1/4" PER FOOT TOWARD INSIDE OF BUILDING.
13.3419.01	PEMB 7"x7" METAL GUTTER PER MANUFACTURER STANDARD DETAILS.
13.3419.02	PEMB PREFINISHED METAL RAKE TRIM PER MANUFACTURER STANDARD DETAILS.
13.3419.15	PEMB 4"x6" METAL DOWNSPOUT.
13.3419.22	DIVERTER FLASHING ALONG ROOF TO WALL TRANSITION.
23.7000.02	ROOF CURB WITH INTEGRAL ROOF CRICKET, OVERLAP METAL ROOF PANEL AND SEAL PER MANUFACTURER RECOMMENDATIONS. SEE MEP.



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REVISION SCHEDULE
1 ADD-01 2021.06.14

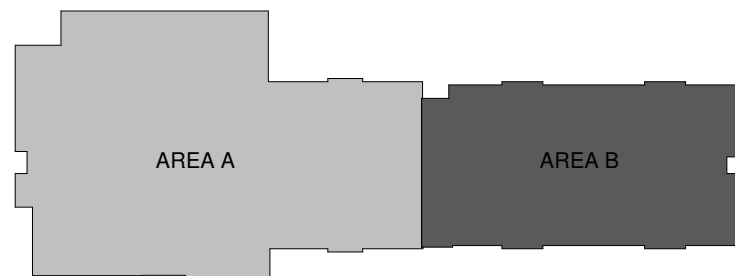
ROOF SCHEDULE

TYPE	DESCRIPTION
R1	STANDING SEAM METAL ROOF PANELS ATTACHED TO PRE-ENGINEERED METAL BUILDING ROOF PURLINS WITH SINGLE LAYER INSULATION SYSTEM - BASIS OF DESIGN TO BE SIMPLE SAVER SYSTEM. PROVIDE 9" THICK LOWER INSULATION LAYER. TOTAL R-VALUE OF R-30 PROVIDE STEEL STRAPS AND FABRIC LINER SYSTEM.
R2	STANDING SEAM METAL ROOF PANELS OVER (2) LAYERS OF 3" POLYISO INSULATION ROOF BOARD (R-30 MIN) OVER DECKING OVER LOAD BEARING METAL STUDS. STAGGER INSULATION JOINTS.
R3	TPO OVER COVER BOARD OVER 3" POLYISO INSULATION ROOF BOARD (R-25 MIN) OVER CONCRETE AND METAL ROOF DECK OVER STRUCTURAL STEEL.
R4	STANDING SEAM METAL ROOF PANELS OVER 3" TAPERED POLYISO INSULATION ROOF BOARD (R30 MIN) ATTACHED TO PRE-ENGINEERED METAL BUILDING PURLINS.
R5	STANDING SEAM METAL ROOF PANELS ATTACHED TO PRE-ENGINEERED METAL BUILDING ROOF PURLINS.

ROOF PLAN GENERAL NOTES

- ROOF MEMBRANE TO BE FULLY ADHERED TO SUBSTRATE BELOW, UNLESS NOTED OTHERWISE. SEE SPECIFICATIONS.
- ALL ROOF MATERIALS INCLUDING, BUT NOT LIMITED TO ROOF MEMBRANE, ROOF INSULATION, COVER BOARDS, COPINGS, AND FLASHING TO BE COMPLIANT WITH MANUFACTURER'S ROOF WARRANTY.
- PROVIDE SNOW AND ICE GUARDS AT ALL ROOFING SYSTEMS. SEE SPECIFICATIONS FOR PRODUCT INFORMATION.
- TAPERED ROOF INSULATION SHALL SLOPE NOT LESS THAN 1/4" PER FOOT.
- ROOF INSULATION AT CRICKETS SHALL SLOPE NOT LESS THAN 1/2" PER FOOT.
- ALL ROOF MEMBRANE TERMINATIONS AND FLASHING CONDITIONS SHALL CONFORM WITH MANUFACTURER'S RECOMMENDATIONS. TERMINATIONS AND FLASHING SHALL BE LOCATED 12" MINIMUM ABOVE TOP OF ROOF, UNLESS NOTED OTHERWISE.
- ALL PENETRATIONS OF STRUCTURAL STEEL & VENTS SHALL CONFORM WITH MANUFACTURER'S RECOMMENDED DETAILS AND COMPLIANT WITH ROOF WARRANTY REQUIREMENTS.
- REFER TO MECHANICAL, PLUMBING AND ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION AND ROOF PENETRATION REQUIREMENTS.

AREA PLAN LEGEND



PROJECT DESCRIPTION:

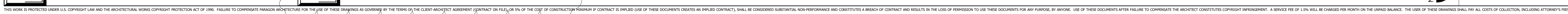
A2-1 MARSHFIELD EARLY CHILDHOOD CENTER
ROOF PLAN - AREA A

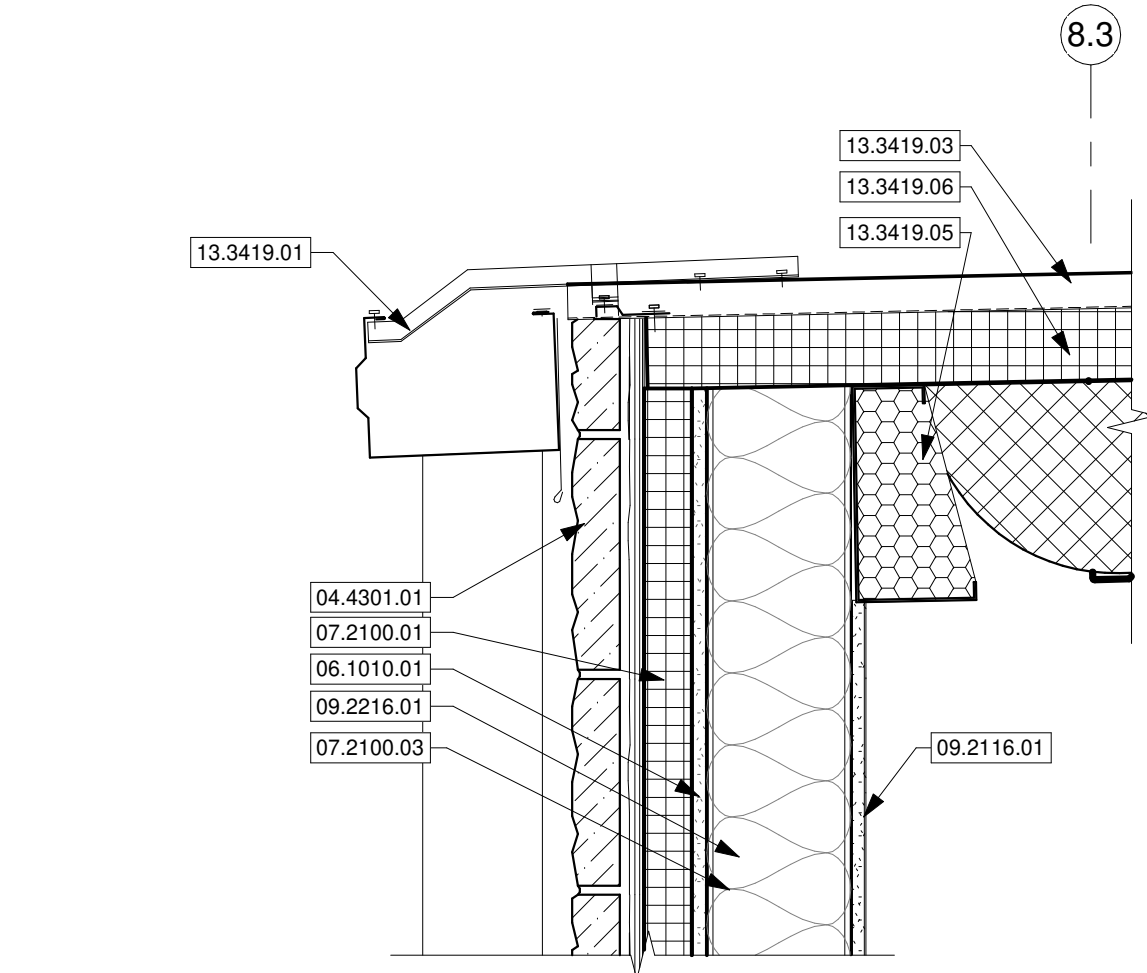
PROJECT NUMBER:
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DATE:
2021.06.09

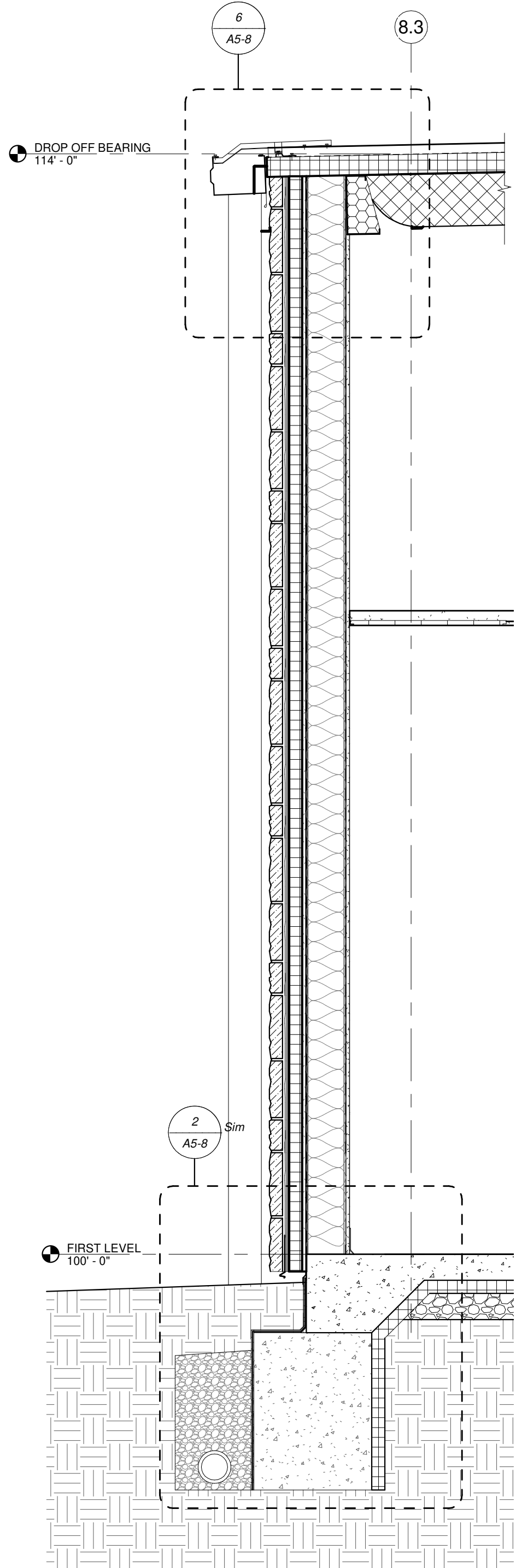
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CS:MMW

CHECKED BY:
BEE:MMW

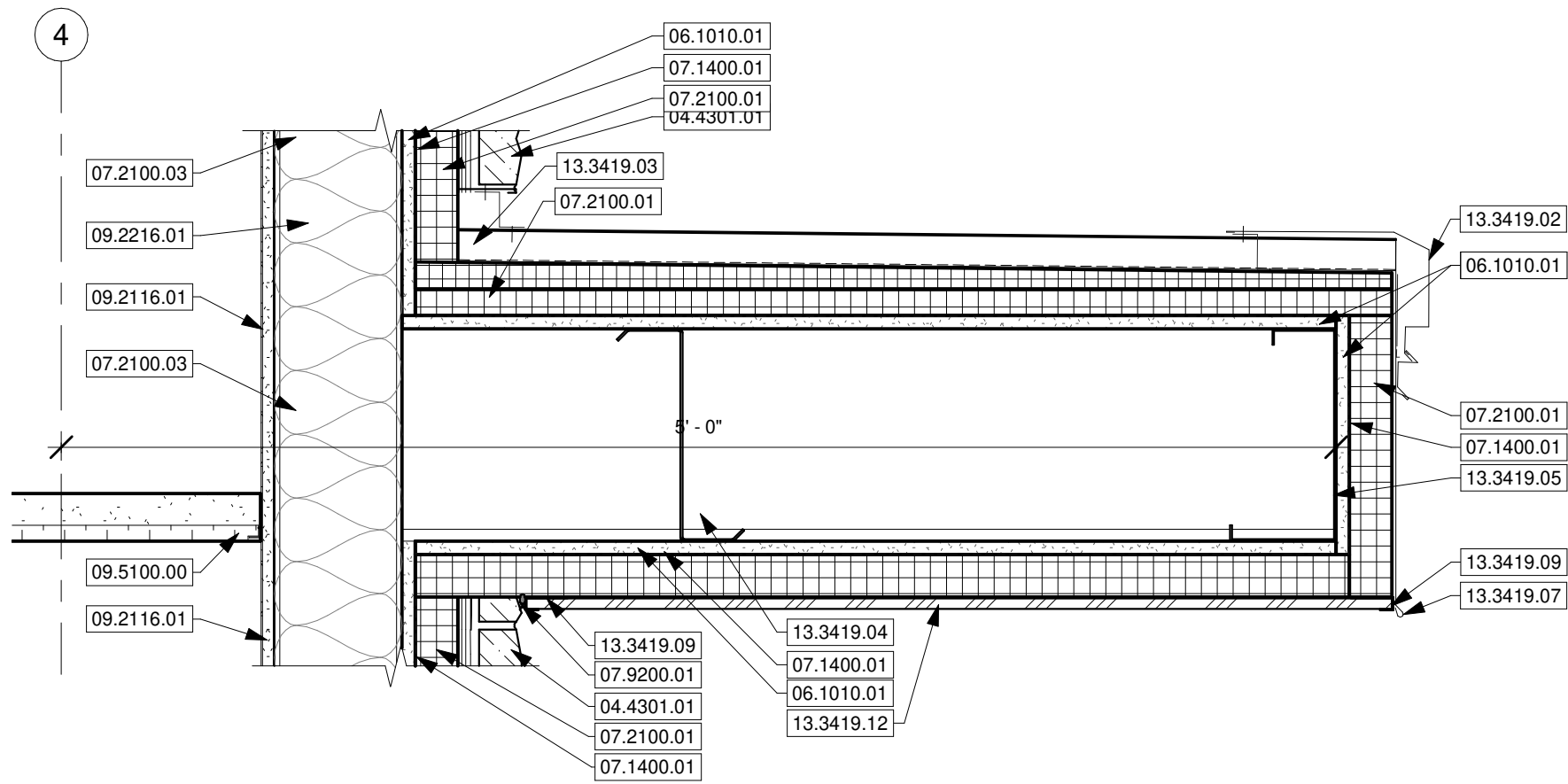




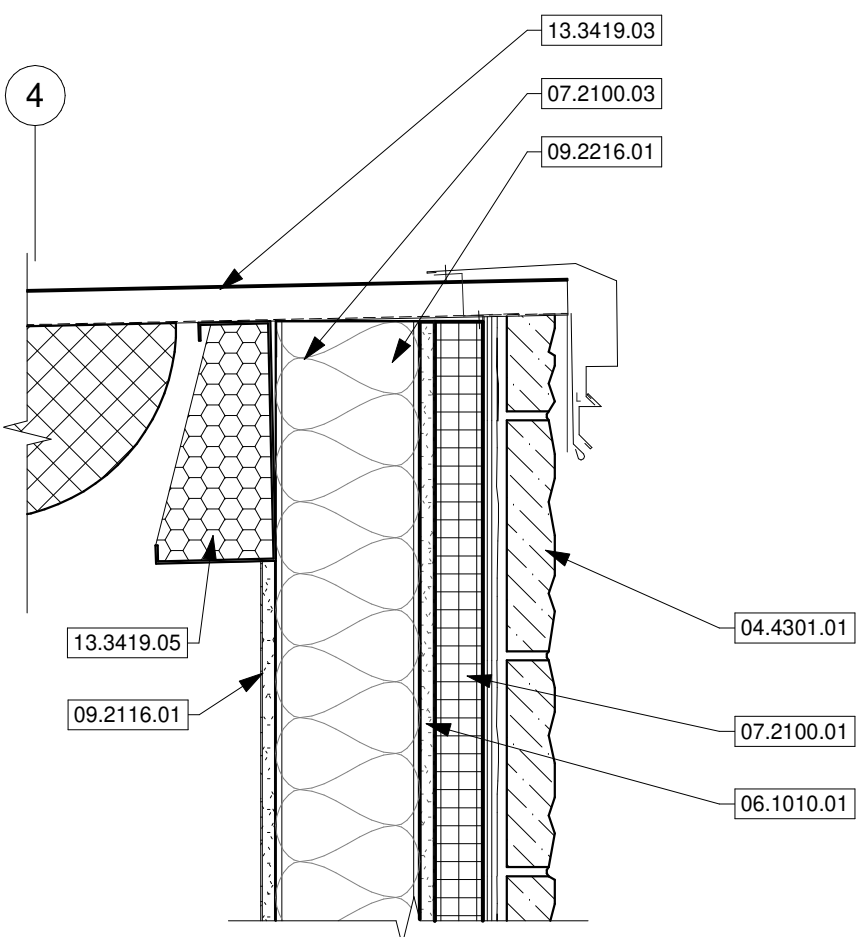
6 STORAGE SECTION AT GUTTER
SCALE 1 1/2" = 1'-0"



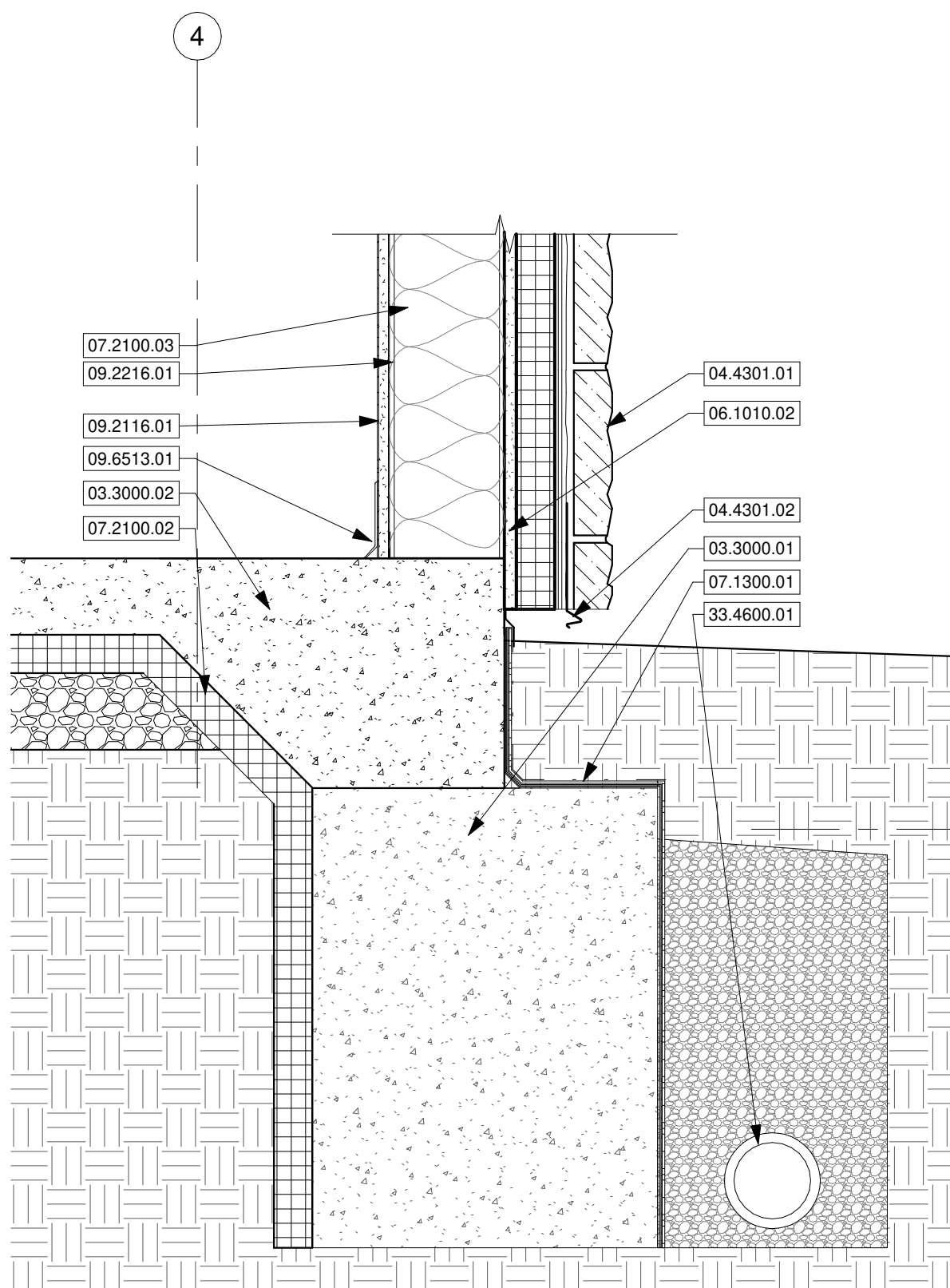
5 TYP. NORTH CLASS STORAGE
SCALE 3/4" = 1'-0"



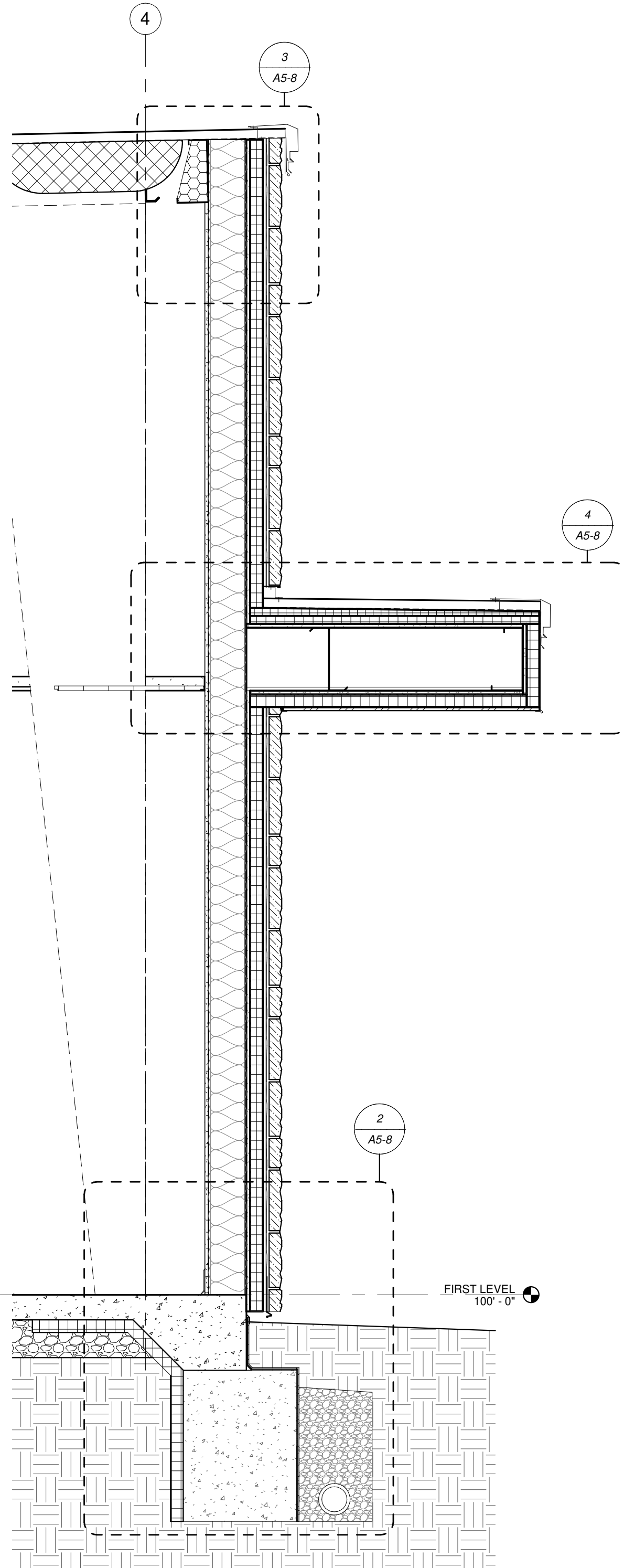
4 TYPICAL STORAGE OVERHANG
SCALE 1 1/2" = 1'-0"



3 ROOF SECTION AT STORAGE
SCALE 1 1/2" = 1'-0"



2 STORAGE FOUNDATION
SCALE 1 1/2" = 1'-0"



1 TYP. SOUTH CLASS STORAGE
SCALE 3/4" = 1'-0"

KEYNOTE LEGEND

03.3000.01	REINFORCED CONCRETE FOUNDATION. REFER TO STRUCTURAL DRAWINGS.
03.3000.02	REINFORCED CONCRETE SLAB OVER 5 MIL VAPOR BARRIER OVER COMPACTED GRANULAR BASE. REFER TO STRUCTURAL DRAWINGS.
04.4301.01	ADHERED STONE MASONRY VENEER OVER MORTAR OVER AIR AND WATER BARRIER OVER MORTAR BED OVER METAL LATH OVER VAPOR RETARDER/CLEAVAGE.
04.4301.02	WEEP SCREED. LAP WEATHER BARRIER, LATH AND MORTAR BED OVER WEEP SCREED.
06.1010.01	5/8" GLASS MAT FACED GYPSUM SHEATHING WITH INTEGRAL WATER RESISTIVE BARRIER.
06.1010.02	EXTEND SHEATHING AND INTEGRAL WATER RESISTIVE BARRIER PAST SLAB EDGE 2" MIN.
07.1300.01	SELF-ADHERING SHEET WATERPROOFING FOUNDATION DRAINAGE SYSTEM - PERFORATED FABRIC DRAINAGE MAT OVER DRAINAGE PLANE OVER WATERPROOFING MEMBRANE OR CONCRETE WALL PRIMER. EXTEND UP TO 2" BELOW FINISH GRADE AND COVER WITH TERMINATION ON BAR, SEAL WITH CONTINUOUS SEALANT. STOP DRAINAGE PLANE AT EDGE OF FOOTINGS, BUT LAP FABRIC OVER FOUNDATION DRAIN.
07.1400.01	FLUID APPLIED AIR AND WATER BARRIER.
07.2100.01	2" RIGID INSULATION.
07.2100.02	2" RIGID INSULATION AT BUILDING PERIMETER AND UNDERSLAB, RUN DOWN FACE OF FOOTING. MINIMUM 24" AND RUN INTO BUILDING 24" MINIMUM.
07.2100.03	R-13 GLASS FIBER BATT INSULATION. FILL ALL CAVITIES IN EXTERIOR ENVELOPE. TOO SMALL TO FIT BATT INSULATION WITH SPRAY FOAM INSULATION.
07.9200.01	CONTINUOUS SEALANT. JOINT WITH BACKER ROD.
09.2116.01	5/8" PAINTED GYPSUM BOARD.
09.2216.01	6" METAL STUD FRAMING.
09.5100.00	ACOUSTICAL CEILINGS
09.6513.01	PENB 7"x7" METAL GUTTER PER MANUFACTURER STANDARD DETAILS.
13.3419.01	PENB PREFINISHED METAL RAKE TRIM PER MANUFACTURER STANDARD DETAILS.
13.3419.02	PENB PREFINISHED STANDING SEAM METAL ROOF PANELS.
13.3419.03	10" PENB PURLIN.
13.3419.04	10" PENB C GIRT. FILL INTERIOR OF GIRT WITH SPRAY FOAM INSULATION TO MAINTAIN CONTINUOUS INSULATION.
13.3419.05	SINGLE LAYER INSULATION SYSTEM. BASIS OF DESIGN TO BE SIMPLE SAVER SYSTEM. PROVIDE 9" THICK LOWER INSULATION LAYER. TOTAL R-VALUE R-35. PROVIDE STEEL STRAPS AND FABRIC LINER SYSTEM.
13.3419.06	PREFINISHED METAL FASCIA TRIM WITH DRIP EDGE.
13.3419.07	PREFINISHED J-TRIM.
13.3419.09	PREFINISHED VENTED METAL SOFFIT PANEL.
13.3419.12	SUBDRAINAGE - 6" PERFORATED PIPE WITH DRAIN SLEEVE FILTER AROUND PERIMETER OF STRUCTURE. SURROUND WITH GRANULAR FIL. TERMINATE AS INDICATED PER CIVIL DRAWINGS. TYPICAL.
33.4600.01	



JIM W. STEARMAN, ARCHITECT
MO # A-2020039367

6/15/2021

8/15/2021

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ARCHITECTURE

PARAGON

MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415

REVISION SCHEDULE

1 ADD-01 2021.06.14

PROJECT DESCRIPTION:

600 N Locust St. Marshfield, MO

65706

PROJECT ARCHITECT: BEE

DRAWN BY: CS, KMW, DRW2

CHECKED BY: KMW, PY

DATE: 2021.06.09

PROJECT NUMBER: 20-602

SHEET NUMBER: A5-8

DETAILS

MARSHFIELD EARLY CHILDHOOD CENTER

20-602

600 N Locust St. Marshfield, MO

65706

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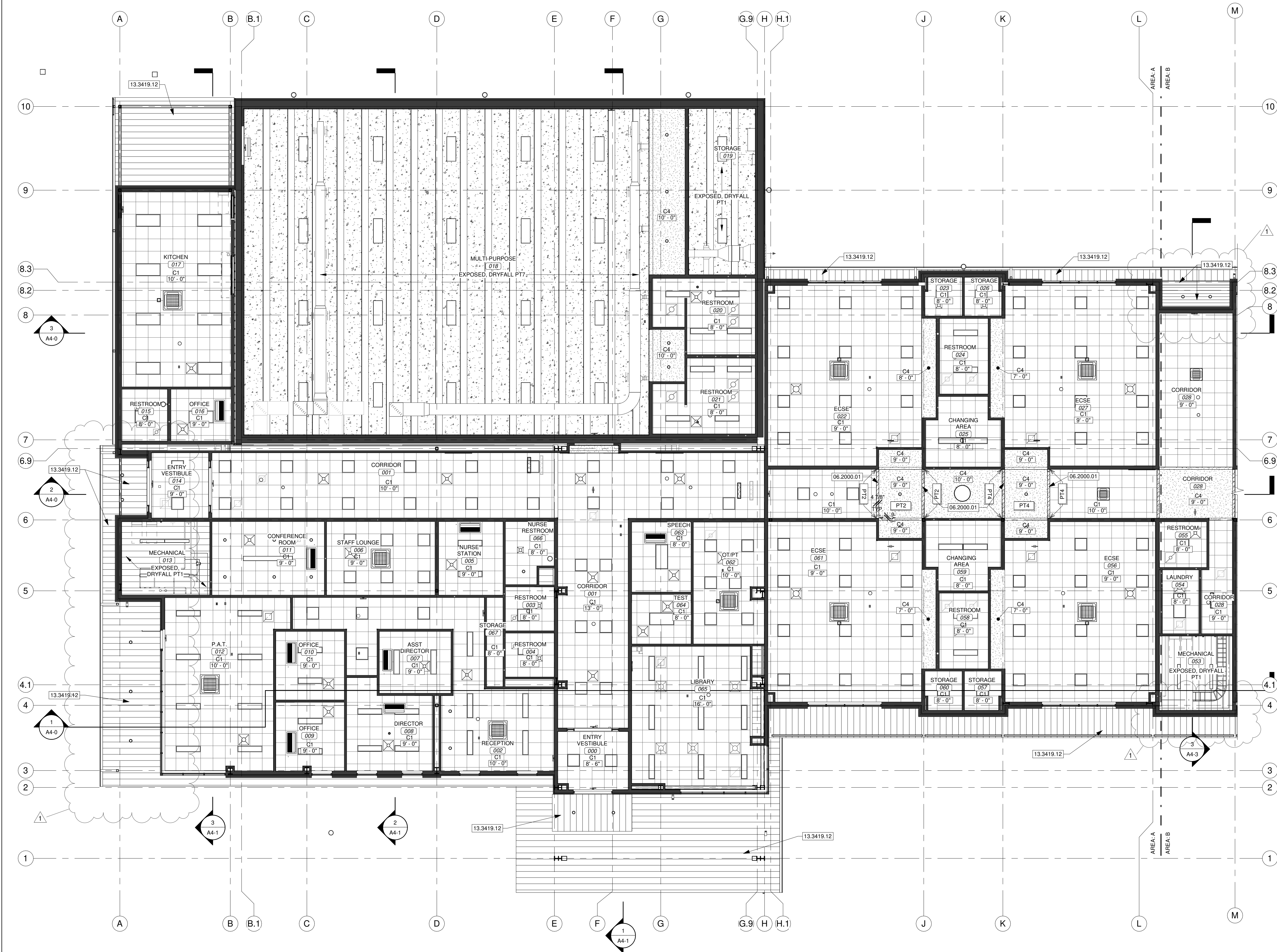
DETAILS

MARSHFIELD EARLY CHILDHOOD CENTER

20-602

600 N Locust St. Marshfield, MO

65706



1 REFLECTED CEILING PLAN: AREA A
SCALE 1/8" = 1'-0"

KEYNOTE LEGEND	
06.2000.01	PAINTED 3/4" MDF SOFFIT/FUR OUT FEATURE, USE BLOCKING AS REQUIRED. RADIUS AS SHOWN IN ELEVATIONS.
13.3419.12	PREFINISHED VENTED METAL SOFFIT PANEL.

CEILING SCHEDULE	
TYPE	DESCRIPTION
C1	2X2 ACOUSTICAL CEILING TILE
C4	GYPSUM BOARD SOFFIT ON METAL STUD FRAMING. REFER TO TYPICAL SOFFIT DETAILS FOR MORE INFORMATION.

REFLECTED CEILING PLAN LEGEND

C1 ——— CEILING TYPE
9'-0" ——— HEIGHT OF CEILING A.F.F.

- RCP GENERAL NOTES
- ALL EXPOSED GYPSUM BOARD SOFFITS TO BE PAINTED.
 - ALL EXPOSED STRUCTURE, FRAMING, DUCTWORK, MECHANICAL, AND ELECTRICAL ITEMS TO BE PAINTED WITH DRYFALL PAINT, TYP. UNLESS NOTED OTHERWISE.
 - CEILING HEIGHTS NOTED FROM FINISH FLOOR 100'-0" UNLESS NOTED OTHERWISE.
 - COORDINATE REFLECTED CEILING PLAN WITH LIGHTING AND MECHANICAL PLANS FOR LIGHT FIXTURE AND DIFFUSER PLACEMENT. CONTACT ARCHITECT IF DISCREPANCIES OCCUR.
 - LIGHTING AND EXPOSED MECHANICAL EQUIPMENT SHOWN FOR REFERENCE ONLY. REFER TO MPE SERIES SHEETS FOR ADDITIONAL INFORMATION.
 - REFER TO GENERAL NOTES ON FLOOR PLAN SHEET FOR TYPICAL GENERAL NOTES WHICH APPLY HEREIN.
 - PROVIDE APPROPRIATE FINISH AND/OR TRIM AT ALL PENETRATIONS IN WALL/DECK AT EXPOSED FINISH CEILING LOCATIONS. CONTRACTOR SHALL PROVIDE SEALANT AND BACKER ROD AT ALL MINOR GAPS AT EXPOSED PENETRATIONS. AT LARGE GAP OR ROUGH CUT PENETRATIONS CONTRACTOR SHALL PROVIDE SHEET METAL TRIM NECESSARY FOR A FINISHED APPEARANCE. PAINT TRIM AND SEALANTS TO MATCH WALL/CEILING, TYP.
 - ALL PENETRATIONS THROUGH SOFFIT PANELS TO HAVE PRE-FINISHED WATER-JET TRIM RINGS AND CLOSURES.
 - ALL PENETRATIONS THROUGH SOFFIT PANELS TO BE COMPLETELY SEALED WITH AIR BARRIER MEMBRANE TO COVER ENTIRE PENETRATION.

AREA PLAN LEGEND



MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415

REVISION SCHEDULE

1 ADD-01 2021.06.14

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A8-0 MARSHFIELD EARLY CHILDHOOD CENTER

REFLECTED CEILING PLAN - AREA A

PROJECT NUMBER: 20-602

DATE: 2021.06.09

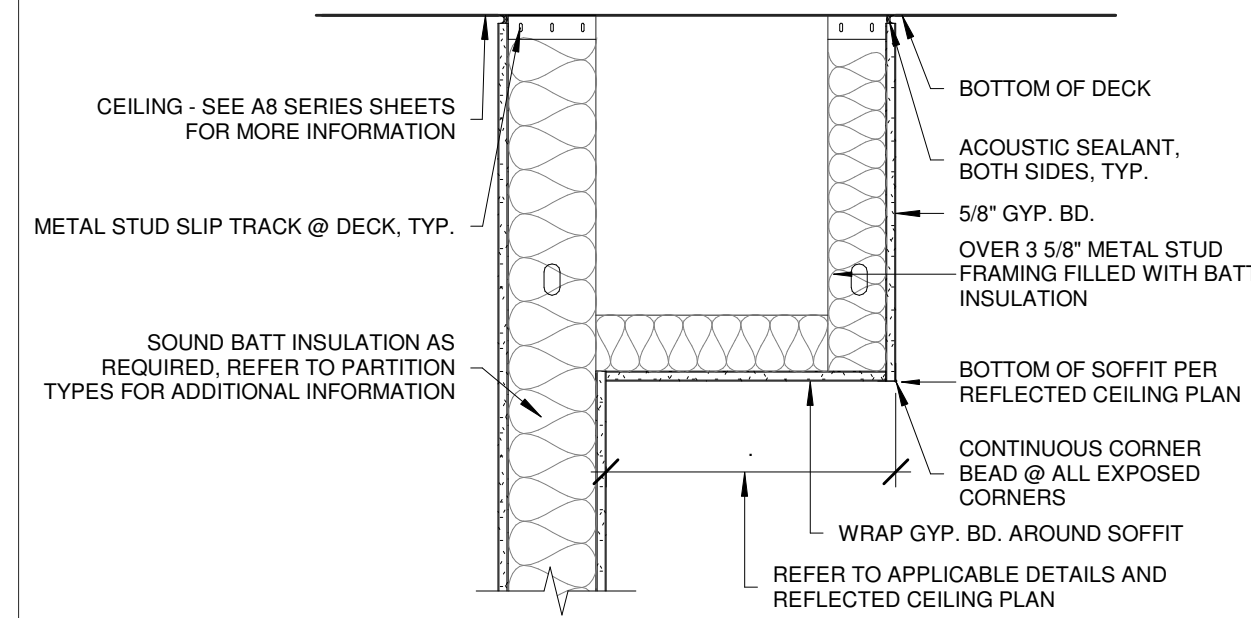
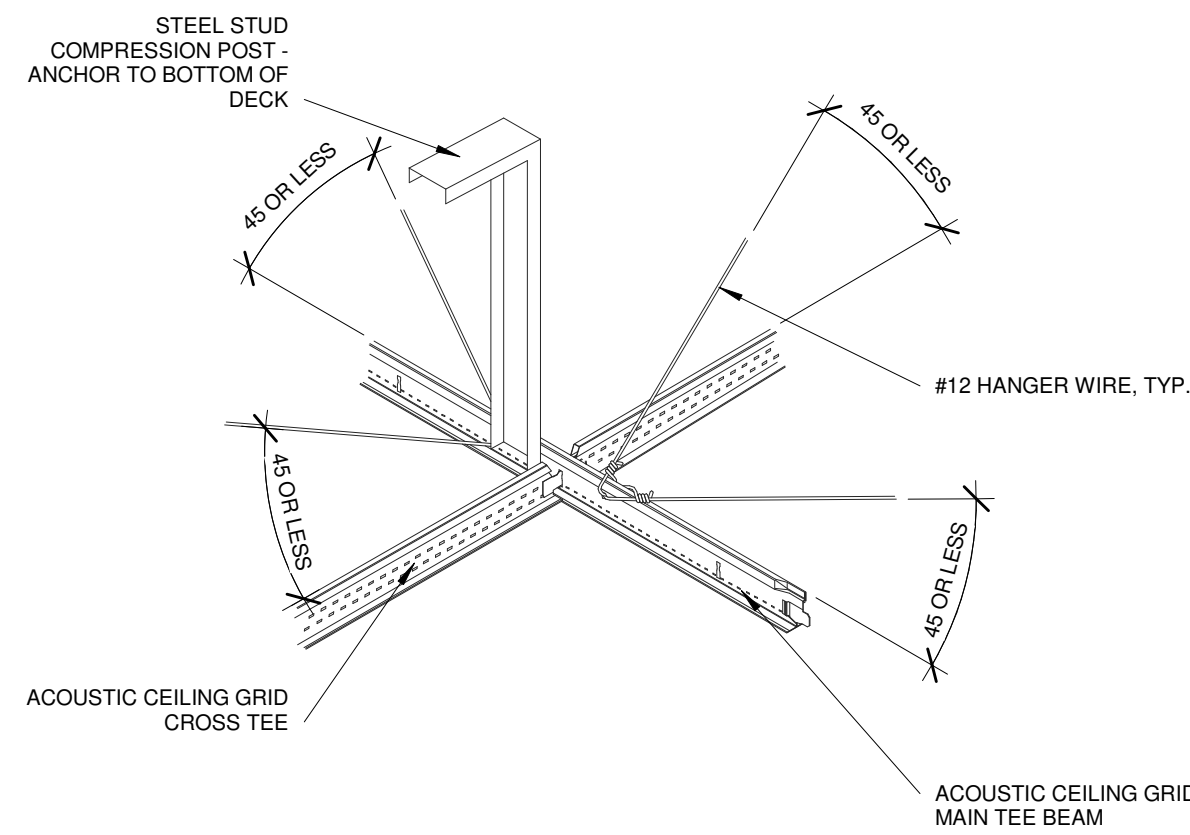
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DRAWN BY: CS:MMW

CHECKED BY: MMW, PY

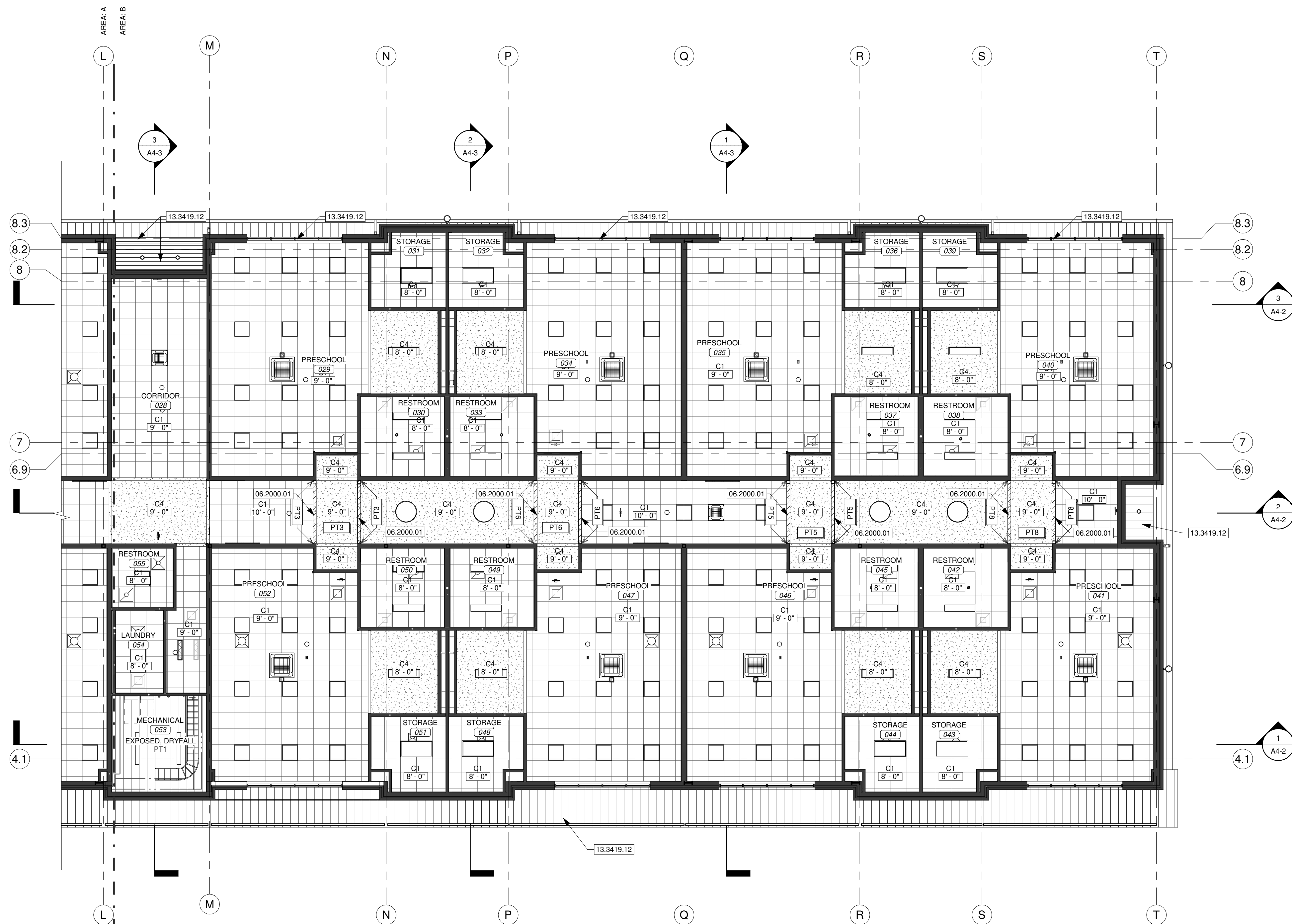
PROJECT DESCRIPTION: 600 N Locust St. Marshfield, MO 65706

1. ACOUSTIC CEILING TILE MUST BE INSTALLED TO MEET OCSA RECOMMENDATIONS.
2. USE A MINIMUM 7/8" WALL MOLDING.
3. A MINIMUM 3/8" CLEARANCE MUST BE MAINTAINED ON ALL SIDES BETWEEN WALL AND TILE.
4. A MINIMUM 3/8" OVERLAP MUST BE MAINTAINED BETWEEN ADJACENT TILES.
5. ENDS OF MAIN BEAMS AND CROSS TEES MUST BE TIED TOGETHER TO PREVENT THEIR SPREADING WITH STABILIZER BRACES PER PERMITTED DETAIL.
6. SAFETY WIRES FOR LIGHT FIXTURES ARE REQUIRED - SEE MEP DRAWINGS FOR MORE INFORMATION.
7. USE SEISMIC CLIPS BETWEEN WALL MOLDING AND GRID TEES.
8. USE SEISMIC CLIPS BETWEEN WALL MOLDING AND THE OTHER TWO WALLS MUST USE THE "UNATTACHED WALL" METHOD WHERE SEISMIC CLIPS ARE SECURED TO THE WALL MOLDING AND ARE ALLOWED TO MOVE FROM THE WALL MOLDING TO THE SLOT. THE FIRST WIRE HANGER MUST BE WITHIN 8" FROM WALL SURFACE.
9. WALLS (IN ALL 4 DIRECTIONS) (90 DEGREES FROM EACH WIRE) MUST BE ATTACHED TO THE INTERSECTION OF THE GRID TEES AT INTERVALS OF 4'-0" ON CENTER BOTH HORIZONTALLY AND VERTICALLY (90 DEGREES AND 45 DEGREES FROM THE PLANE OF THE CEILING. SEE DETAIL FOR ANGULAR ALLOWANCES FOR WIRE HANGERS).
10. INTERSECTIONS BETWEEN CROSS TEES AND MAIN BEAMS MUST BE SECURED WITH SEISMIC JOINT CLIP.
11. SPLICES MUST BE SECURED WITH SEISMIC SPLICE CLIP.



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

SCALE 1" = 1'-0"



SCALE 1/8" = 1'-0"

06.2000.01	PAINTED 3/4" MDF SOFFIT/FUR OUT FEATURE, USE BLOCKING AS REQUIRED. RADIUS AS SHOWN IN ELEVATIONS.
13.3419.12	PREFINISHED VENTED METAL SOFFIT PANEL.



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[illegible]

REVISION SCHEDULE	
1	ADD-01 2021.06.14



CORRIDOR CEILING FEATURE 3D VIEW

TYPE	DESCRIPTION
C1	2X2 ACOUSTICAL CEILING TILE.
C4	GYPSUM BOARD SOFFIT ON METAL STUD FRAMING. REFER TO TYPICAL SOFFIT DETAILS FOR MORE INFORMATION.

C1 ← CEILING TYPE
9' - 0" ← HEIGHT OF CEILING A.F.F.

ALL EXPOSED GYPSUM BOARD SOFFITS TO BE PAINTED.
ALL EXPOSED STRUCTURE, FRAMING, DUCTWORK, MECHANICAL AND ELECTRICAL ITEMS
TO BE PAINTED WITH DRYFILK TYPE 1000 OR OTHERWISE.
CEILING HEIGHTS NOTED FROM FINISH FLOOR 100' ± UNLESS NOTED OTHERWISE.
COORDINATE REFLECTED CEILING PLAN WITH LIGHTING AND MECHANICAL PLANS FOR
LIGHT FIXTURE AND DIFFUSER PLACEMENT. CONTACT ARCHITECT IF DISCREPANCIES
OCCUR.
LIGHTING AND EXPOSED MECHANICAL EQUIPMENT SHOWN FOR REFERENCE ONLY. REFER TO
MPE SERIES SHEETS FOR ADDITIONAL INFORMATION.
REFER TO GENERAL NOTES ON FLOOR PLAN SHEET FOR TYPICAL GENERAL NOTES WHICH
APPLY HERE.
PROVIDE APPROPRIATE FINISH AND/OR TRIM AT ALL PENETRATIONS IN WALL/CEILING AT
EXPOSED HEIGHT. PROVIDE LOCAL FINISH. PROVIDE SEALANT AND BACKER ROD AT ALL
MINOR GAPS AT EXPOSED PENETRATIONS. AT LARGE GAP OR ROUGH
CUT PENETRATIONS CONTRACTOR SHALL PROVIDE SHEET METAL TRIM NECESSARY FOR A
FINISH APPEARANCE. PROVIDE FINISH TRIM TO MATCH ADJACENT FINISH.
ALL PENETRATIONS THROUGH SOFFIT PANELS TO HAVE PRE-FINISHED WATER-JET
TRIM RINGS AND CLOSURES.
ALL PENETRATIONS THROUGH SOFFIT PANELS TO BE COMPLETELY SEALED WITH AIR
BARRIER MEMBRANE TO COVER ENTIRE PENETRATION.

THE UNIVERSITY OF CHICAGO

A8-1 MARSHFIELD EARLY CHILDHOOD CENTER
REFLECTED CEILING PLAN - AREA B
PROJECT NUMBER: 600 N Locust St, Marshfield, MO

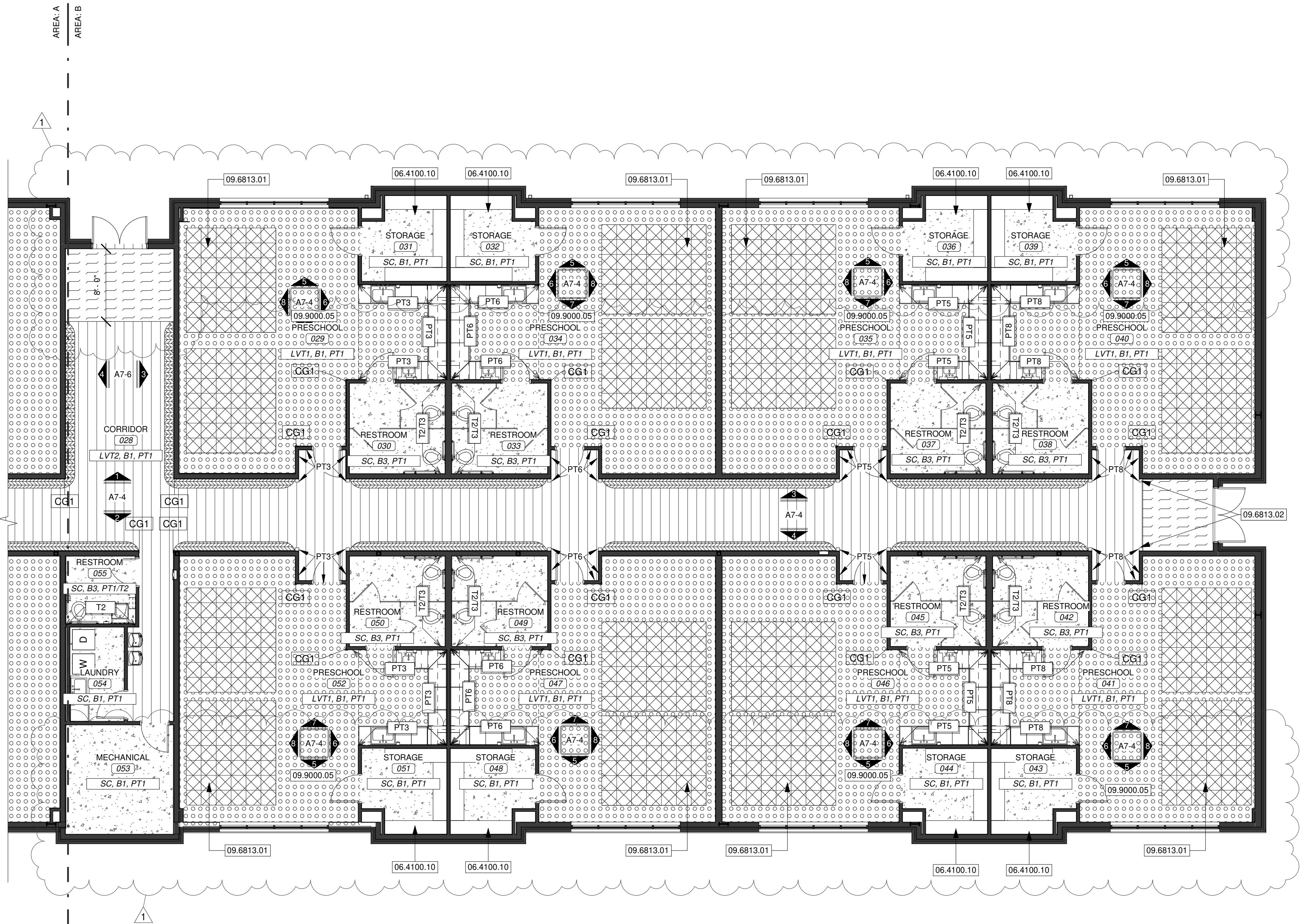
20-602
65706
DATE: 2021.06.09
PROJECT ARCHITECT: BEE
DRAWN BY: CS, KMW
CHECKED BY: KMW, PY

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1

AREA B: FINISH PLAN

SCALE 1/8" = 1'-0"



KEYNOTE LEGEND

06.4100.10	ADJUSTABLE SHELVING, SEE SPECS AND DETAIL FOR MORE INFORMATION.
09.6813.01	AREA RUG, SEE FINISH LEGEND, TWO LAYOUT OPTIONS PROVIDED, CONFIRM WITH OWNER PRIOR TO INSTALLATION.
09.6813.02	CARPET TILE TO ALIGN WITH WALL FEATURE
09.9000.05	SEE INTERIOR ELEVATIONS FOR INTERIOR DESIGN WALL CONCEPTS IN CLASSROOMS.

FINISH PLAN LEGEND

	LVT1: LUXURY VINYL TILE MANUF: SHAW CONTRACT, PRODUCT: SOUNDSCAPE, COLOR: RATTAN, SIZE: 6X48", PATTERN: STAGGER
	LVT2: LUXURY VINYL TILE MANUF: PATCRAFT, PRODUCT: MARK MAKING, COLOR: ALMOND, SIZE: 5.96X48", PATTERN: STAGGER
	LVT3: LUXURY VINYL TILE MANUF: PATCRAFT, PRODUCT: MARK MAKING, COLOR: PALETTE, SIZE: 5.96X48", PATTERN: STACKED
	CPT1: CARPET TILE MANUF: MILLIKEN, PRODUCT: HEAVY META, PATTERN: FOUNDRY, COLOR: STERLING, SIZE: 25CMX 1 CM, PATTERN: STAGGER
	CPT2: CARPET TILE AREA RUG MANUF: FLOR, PRODUCT: LITING, COLOR: MULTI, SIZE: 10X12, INSTALLATION: PARQUET, NOTE: CONTRACTOR INSTALLED, PROVIDE 25% EXTRA FLOR DOTS. AREA RUGS TO BE INSTALLED OVER LVT.
	EP: EPOXY FLOORING MANUF: TNEEC, PRODUCT: 224 DECO FLECK, COLOR: PROVIDE 3 COLORS (33% OF EACH) AND 2 FLECK SIZES (50% OF EACH), NOTE: WRAP BASE 6" UP WALL.
	SF: SPORTS FLOOR MANUF: ECORE, PRODUCT: FOREST RX, COLOR: OILED OAK
	WO: WALKOFF CARPET MANUF: MILLIKEN, PRODUCT: OBEX CUTX, PATTERN: STRUM, COLOR: GREY
	T1: TILE MANUF: CAESAR, PRODUCT: LINK, COLOR: CHAIN, SIZE: 24X24" NOTE: PROVIDE TRANSITION STRIP AT ALL TILE/LVT FLOORING TRANSITIONS, BASIS-OF-DESIGN: SCHLUTER SCHIENE-10-AE.

WALL BASE

B1: 4" RESILIENT WALL BASE, BASIS-OF-DESIGN TO BE JOHNSONITE TRADITIONAL WALL BASE, COLOR: CEMENT.
B2: 6"x12" COVE BASE, MANUF: CAESAR, PRODUCT: LINK, COLOR: CHAIN NOTE: TO BE USED WITH T1, IF T1 ALTERNATE IS NOT ACCEPTED, B1 IS TO BE USED.
B3: 2"x6" BULLNOSE BASE, MANUF: DALTILE, PRODUCT: COLOR WHEEL CLASSIC, FINISH: GLOSSY

PAINT

PT1 THROUGH 8: PAINT COLORS, BASIS-OF-DESIGN TO BE SHERWIN-WILLIAMS EGGSHELL U.N.O.
PT1: FIELD COLOR: SHERWIN WILLIAMS ALABASTER NOTE: HMF TO BE PT1, SEMI GLOSS, U.N.O.
PT2: ACCENT COLOR: SHERWIN WILLIAMS BELVEDERE CREAM
PT3: ACCENT COLOR: PINK SHADOW
PT4: ACCENT COLOR: ROSE TAN
PT5: ACCENT COLOR: GRATIFYING GREEN
PT6: ACCENT COLOR: COPEL BLUE
PT7: ACCENT COLOR: AUTUMN ORCHID
PT8: ACCENT COLOR: COPEL BLUE
PT9: ACCENT COLOR: NEEDLEPOINT NAVY

PLASTIC LAMINATE

PLAM1 THROUGH 3: PLASTIC LAMINATE, BASIS-OF-DESIGN: FORMICA UNLESS NOTED OTHERWISE.
PLAM1: COLOR: WHITE DROPS, FINISH: MATTE, LOCATION: UPPER HORIZONTAL SURFACES.
PLAM2: MANUFACTURER: PANOLAM, COLOR: COOL CHIC, FINISH: TEXTURED, LOCATION: VERTICAL SURFACES.
PLAM3: COLOR: DANISH MAPLE, FINISH: MAPLE, LOCATION: LOWER HORIZONTAL SURFACES.

OTHER

WC1: VINYL WALLCOVERING WITH GRAPHIC, BASIS-OF-DESIGN: DESIGNTEX, PRODUCT: BESTOKE DNA DWT1, CUSTOM IMAGE, 33881 SI-CAPSULE.
T2: WALL TILE, BASIS-OF-DESIGN: DALTILE, PRODUCT: COLOR WHEEL CLASSIC, FINISH: GLOSSY, SIZE: 6X6", PATTERN: BRICK, GROUT: LATICRETE, PERMACOLOR SELECT ANYCOLOR, COLOR: TO MATCH PT1, NOTE: PROVIDE TRANSITION STRIP AT ALL TOP/EDGE OF TILE TRANSITIONS, BASIS-OF-DESIGN: SCHLUTER SCHIENE-10-AE.
T3: WALL TILE, BASIS-OF-DESIGN: DALTILE, PRODUCT: REVALIA, FAN, COLOR: FELICITY WHITE, FINISH: GLOSSY, SIZE: 3X3", GROUT: LATICRETE, PERMACOLOR SELECT ANYCOLOR, COLOR: IN CLASSROOMS, COLOR TO MATCH ACCENT IN EACH ROOM, ALL OTHER ROOMS COLOR TO MATCH PT1, NOTE: PROVIDE TRANSITION STRIP AT ALL TOP/EDGE OF TILE TRANSITIONS, BASIS-OF-DESIGN: SCHLUTER SCHIENE-10-AE.
T4: WALL TILE, BASIS-OF-DESIGN: DALTILE, PRODUCT: REVALIA, FAN, COLOR: RADIANT BLUE, FINISH: GLOSSY, SIZE: 3X3", GROUT: LATICRETE, PERMACOLOR SELECT ANYCOLOR, COLOR: IN CLASSROOMS, COLOR TO MATCH ACCENT IN EACH ROOM, ALL OTHER ROOMS COLOR TO MATCH PT1, NOTE: PROVIDE TRANSITION STRIP AT ALL TOP/EDGE OF TILE TRANSITIONS, BASIS-OF-DESIGN: SCHLUTER SCHIENE-10-AE.
QZ1: QUARTZ COUNTERTOPS, BASIS-OF-DESIGN: WILSONART, COLOR: MOUNTAIN CARRARA 063, NOTE: USED AT RECEPTION & PUBLIC RESTROOM VANITIES.
AWP1: ACOUSTICAL WALL PANEL, BASIS-OF-DESIGN: G&S AP 2" THICK, FABRIC: DESIGNTEX, EVERYWHERE TEXTURE, COLOR: SHELL
AWP2: ACOUSTICAL WALL PANEL, BASIS-OF-DESIGN: G&S AP 2" THICK, FABRIC: DESIGNTEX, EVERYWHERE TEXTURE, COLOR: LIGHT BLUE
AWP3: ACOUSTICAL WALL PANEL, BASIS-OF-DESIGN: G&S AP 2" THICK, FABRIC: DESIGNTEX, EVERYWHERE TEXTURE, COLOR: INDIGO

GENERAL NOTES

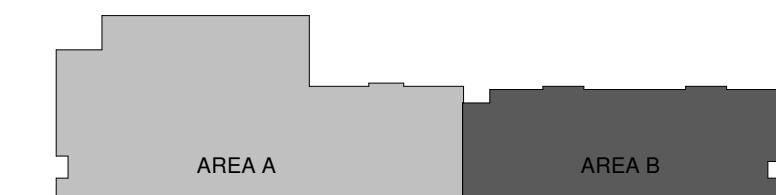
- TRANSITION BETWEEN FLOORING TYPES MUST INCLUDE A TRANSITION STRIP AND/OR NOSING IN A COLOR MATCHING WALL BASE COLOR UNLESS NOTED OTHERWISE.
- REVIEW AND RECEIVE WRITTEN APPROVAL FOR ALL GRAPHICS WITH ARCHITECT AND OWNER OF WALL COVERINGS AND VINYL FILM BEFORE ORDERING.
- REFER TO REFLECTED CEILING PLAN FOR ADDITIONAL FINISH INFORMATION.
- FIELD FLOOR FINISH NOTED WITHIN FINISH TAG. ACCENT FLOOR FINISHES ARE SHOWN WITH A MATCH PATTERN ON FINISH PLANS WHERE APPLICABLE.

FIELD FLOOR FINISH

FIELD PAINT FINISH

BASE FINISH

AREA PLAN LEGEND



JIM W. STEARMAN, ARCHITECT
MO # A-2020039367

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MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415

REVISION SCHEDULE
1 ADD-01 2021.06.14

A9-1 MARSHFIELD EARLY CHILDHOOD CENTER
FINISH PLAN - AREA B

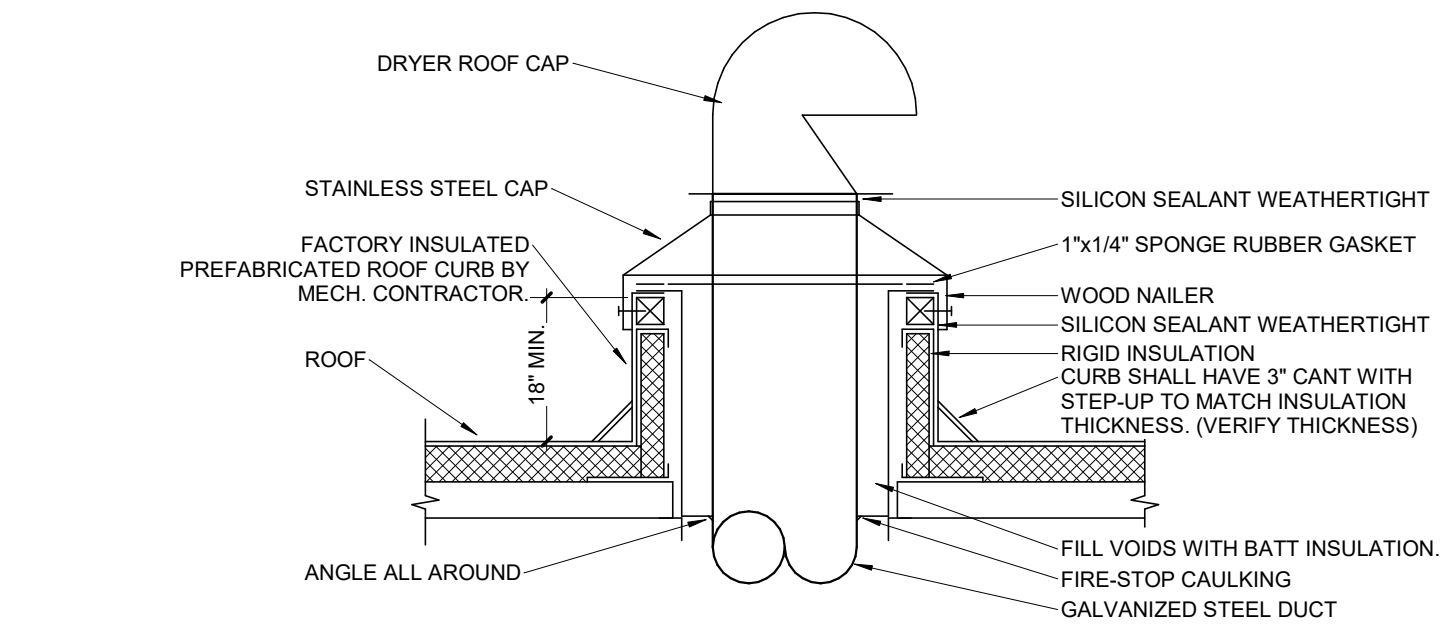
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20-602

DATE:
2021.06.09

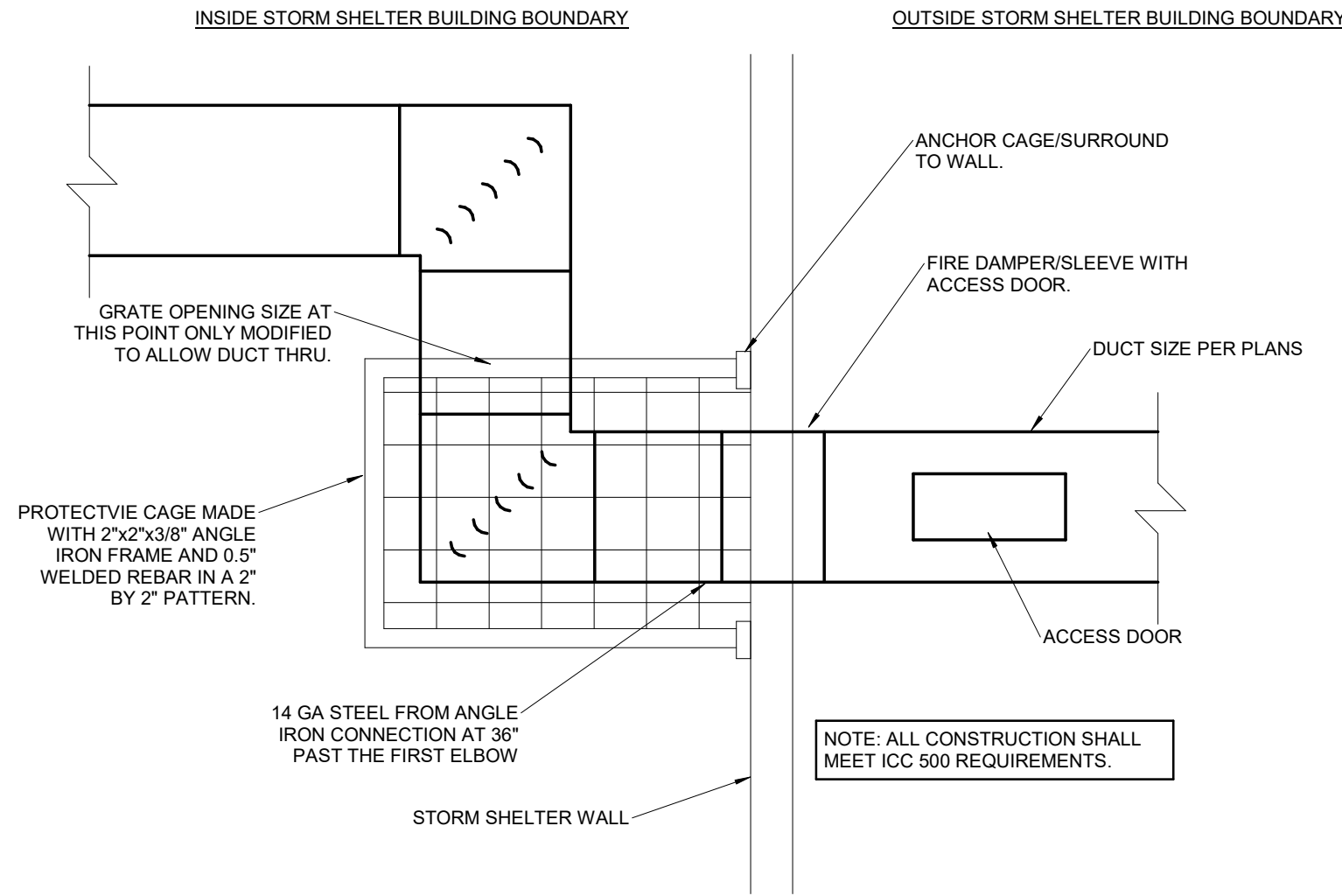
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BEE

DRAWN BY:
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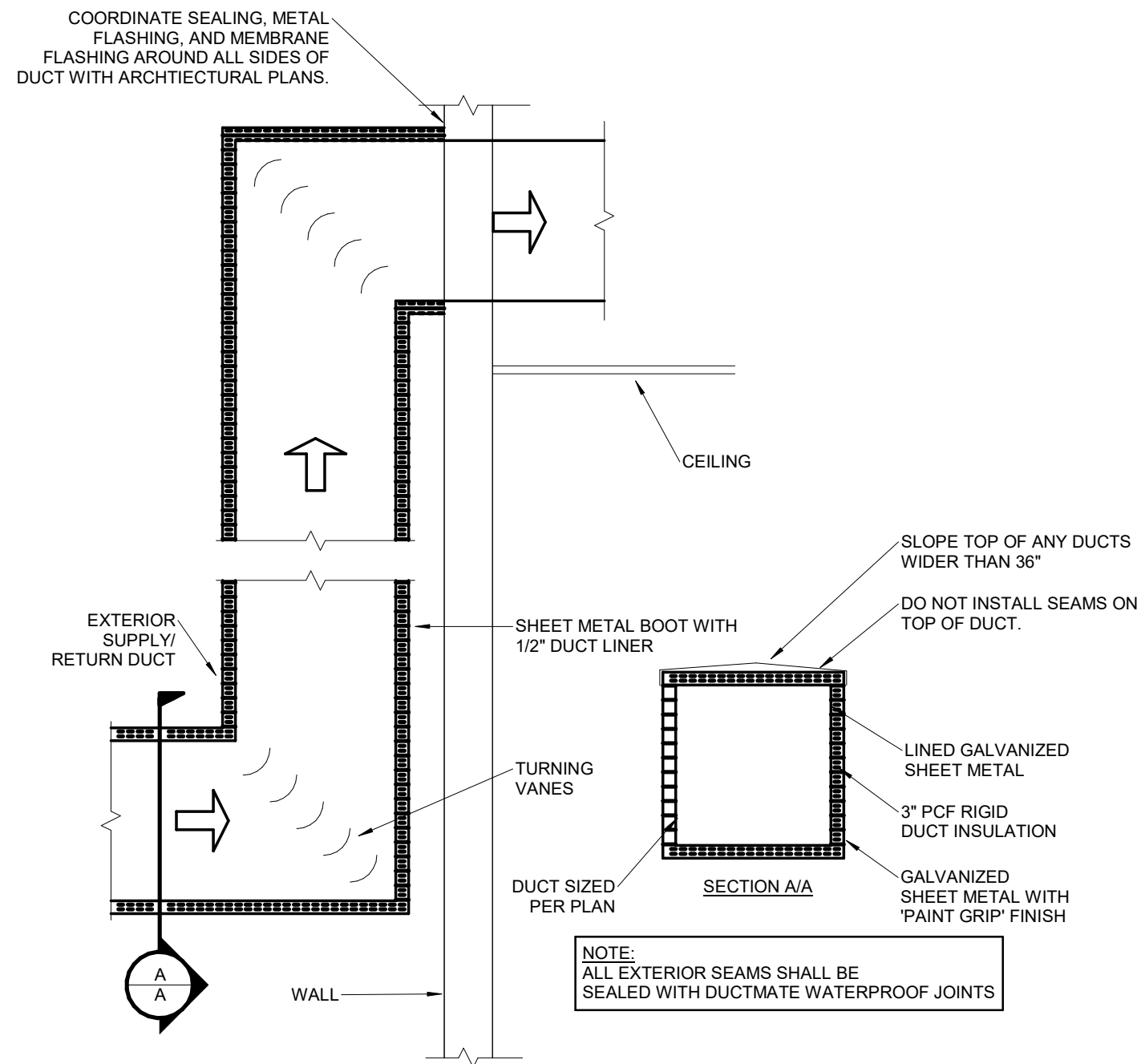
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KMW, FV



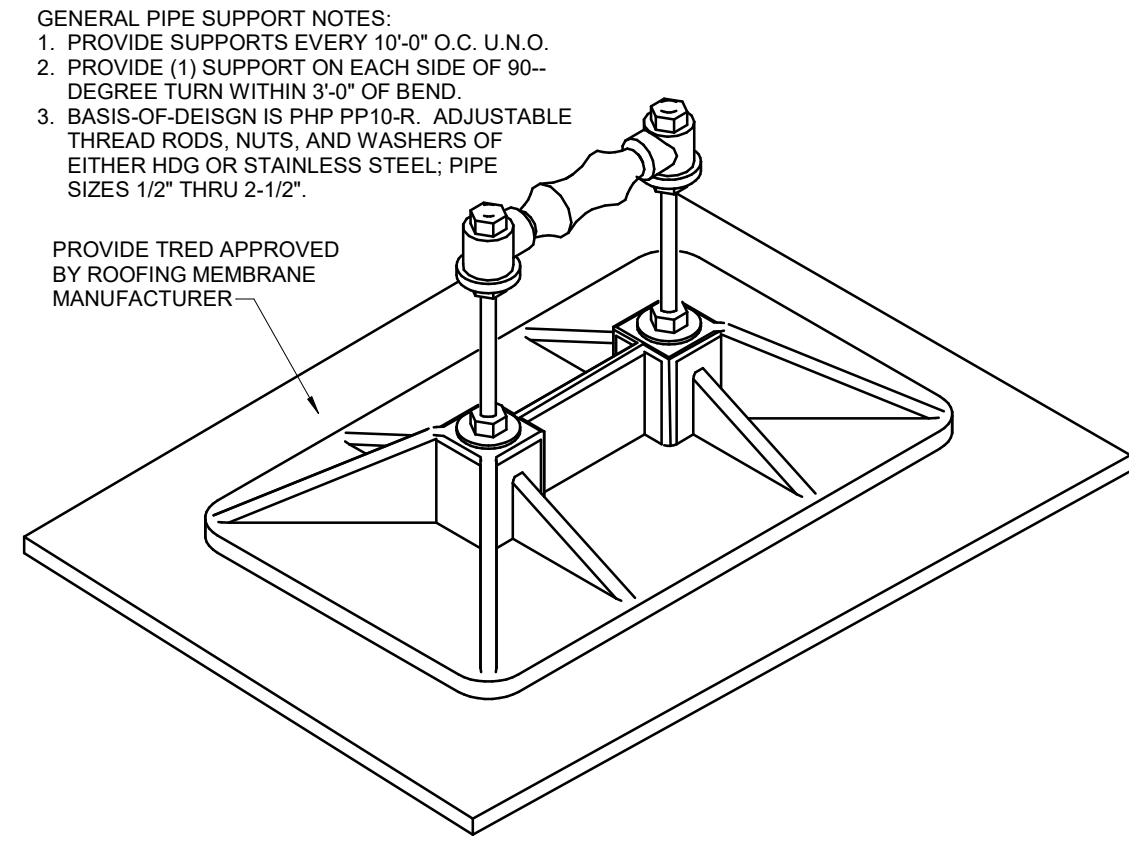
6 DUCT PENETRATION THROUGH ROOF
ME3 SCALE: NOT TO SCALE



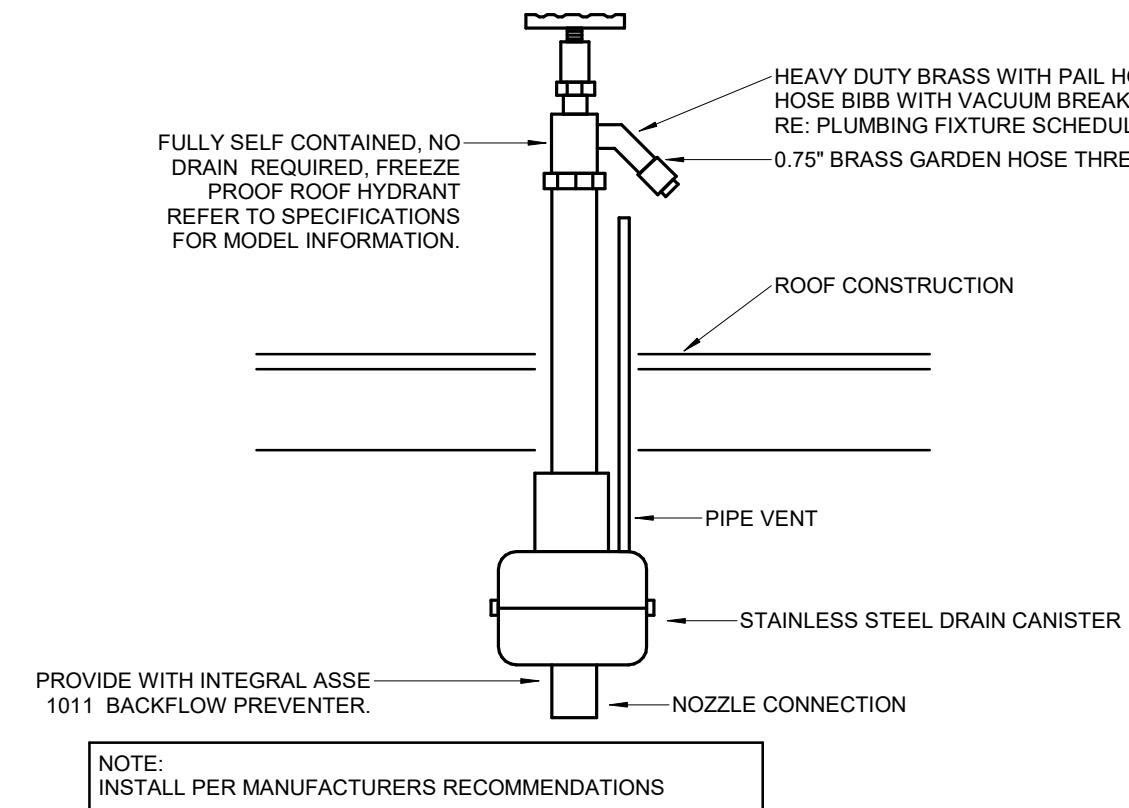
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ME3 SCALE: NOT TO SCALE



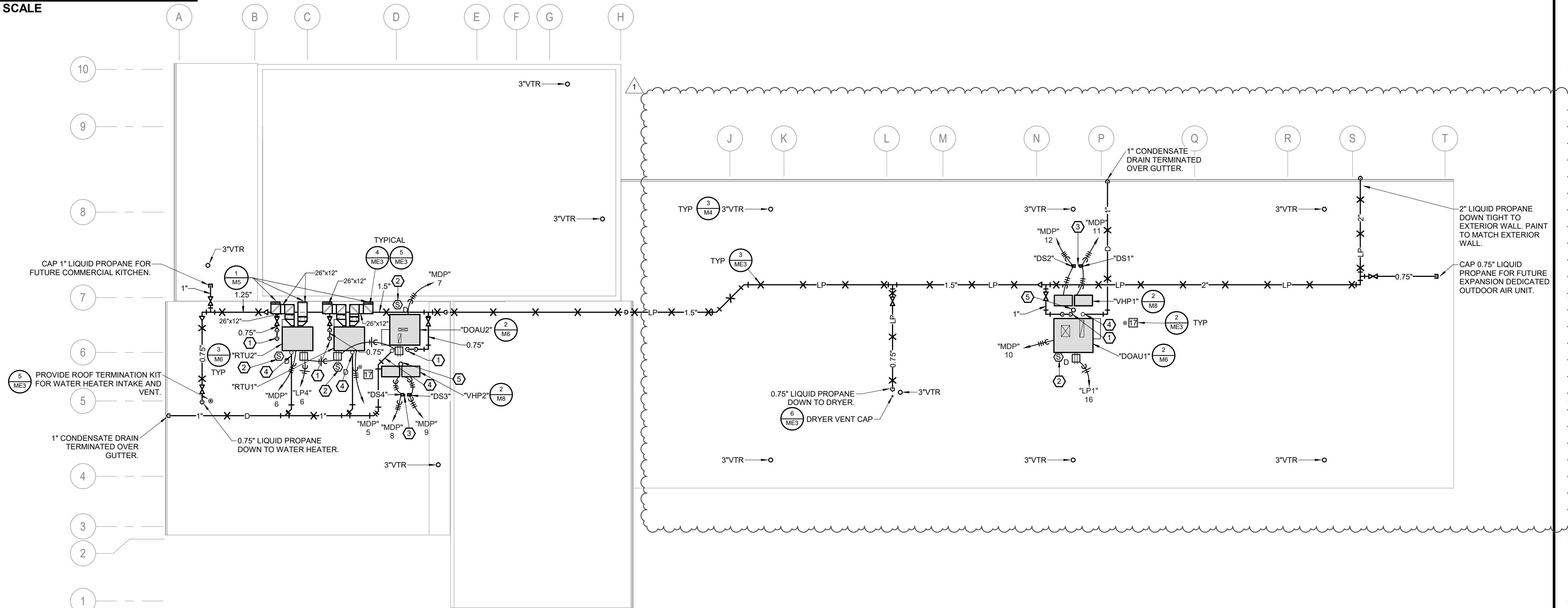
4 EXTERIOR SUPPLY AND RETURN AIR DUCT DETAIL
ME3 SCALE: NOT TO SCALE



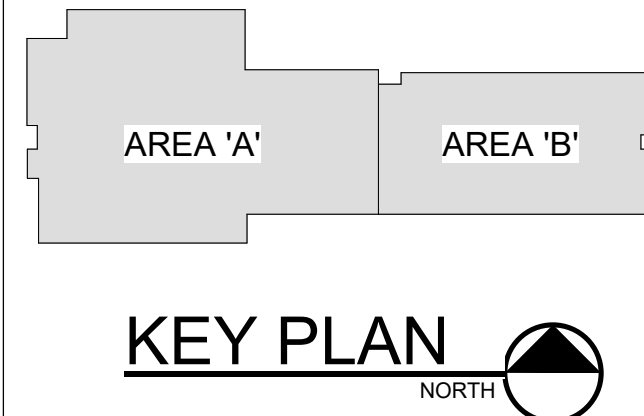
3 ROOF PIPE SUPPORT DETAIL
ME3 SCALE: NOT TO SCALE



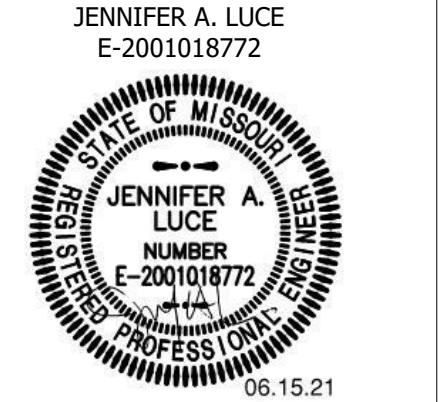
2 ROOF HYDRANT DETAIL
ME3 SCALE: NOT TO SCALE



1 MEP ROOF PLAN
ME3 SCALE: 1/16" = 1'-0" NORTH



- GENERAL NOTES:**
- FOR ALL MEP QUESTIONS ON THIS PROJECT, CONTACT RTM ENGINEERING CONSULTANTS AT (417) 861-0020. CONTACT: TYLER ENSERRO.
 - OFFSET PIPING ON ROOF AS REQUIRED FOR ROOF ELEVATION CHANGES.
- PLAN HEX NOTES:**
- EXTEND LIQUID PROPANE TO ROOFTOP DEDICATED OUTDOOR AIR UNIT WITH 3"(MIN) DIRT LEG AND THREADED CAP.
 - DUCT SMOKE DETECTOR AND FAN SHUTDOWN RELAY IN UNIT RETURN AIR DUCT WIRED TO SHUTDOWN UNIT UPON DETECTION OF SMOKE. RELAY SHALL SEND SIGNAL TO FIRE ALARM CONTROL PANEL UPON ACTIVATION.
 - INSTALL DISCONNECT SWITCHES ON UNISTRUT RACK NEAR EQUIPMENT. MAINTAIN ALL CODE AND MANUFACTURER REQUIRED CLEARANCES.
 - 1" TRAPPED CONDENSATE DRAIN TO ROOFTOP UNIT.
 - REFRIGERANT PIPING DOWN IN CURB. REFERENCE FIRST FLOOR HVAC PIPING PLANS.



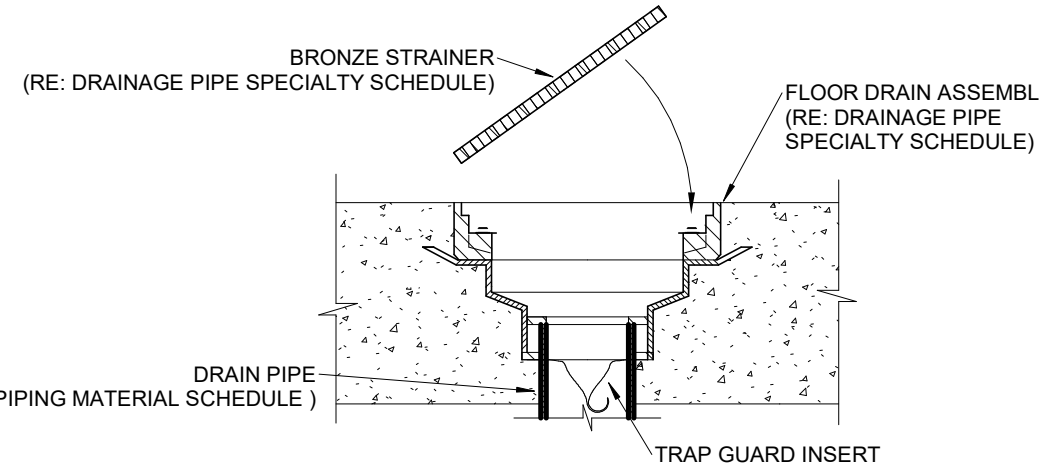
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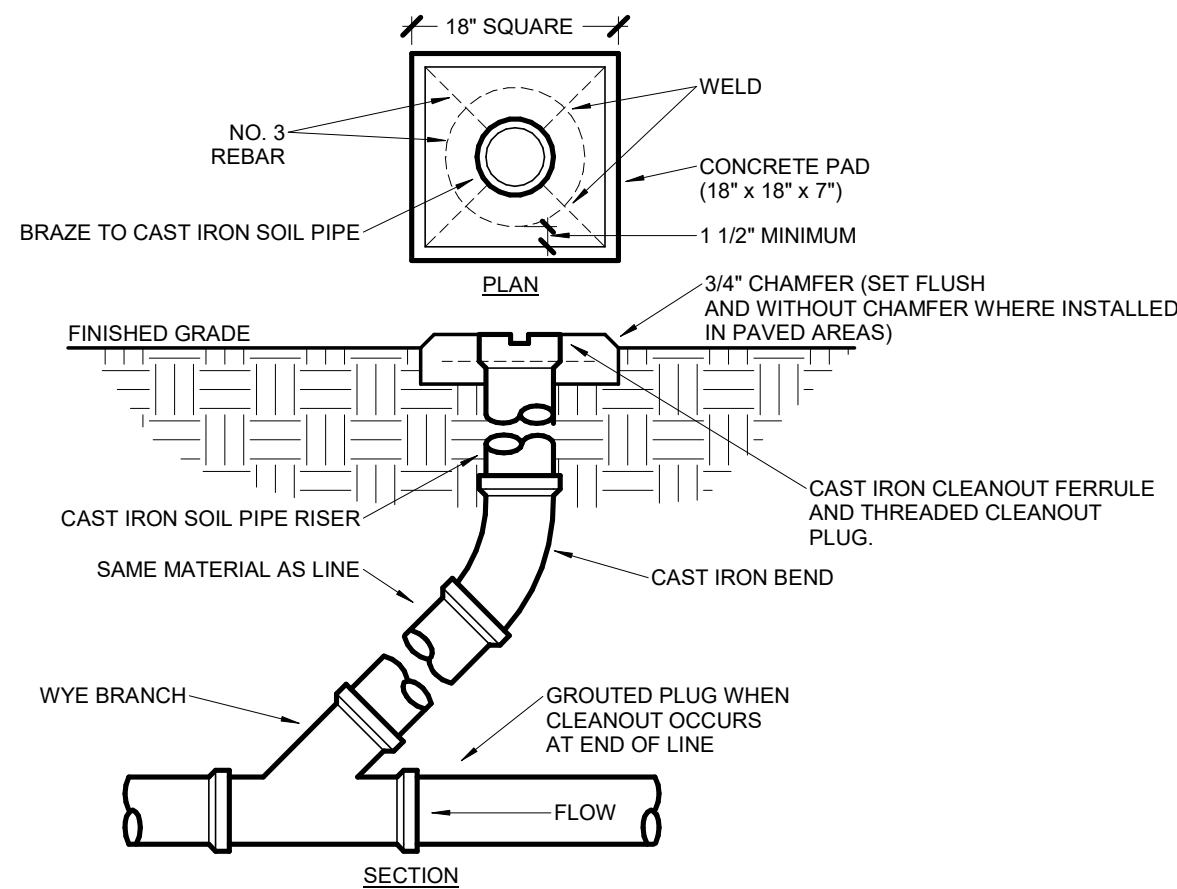
No.	Description	Date
1	AD 01	06-15-2021

ME3 MARSHFIELD ECC
MEP ROOF PLAN
PROJECT NUMBER: 20-602
DATE: 06/02/2021
ENGINEER OF RECORD: JAL
DRAWN BY: JAM
CHECKED BY: JAL
PROJECT DESCRIPTION: 600 N LOCUST ST MARSHFIELD, MO 65706

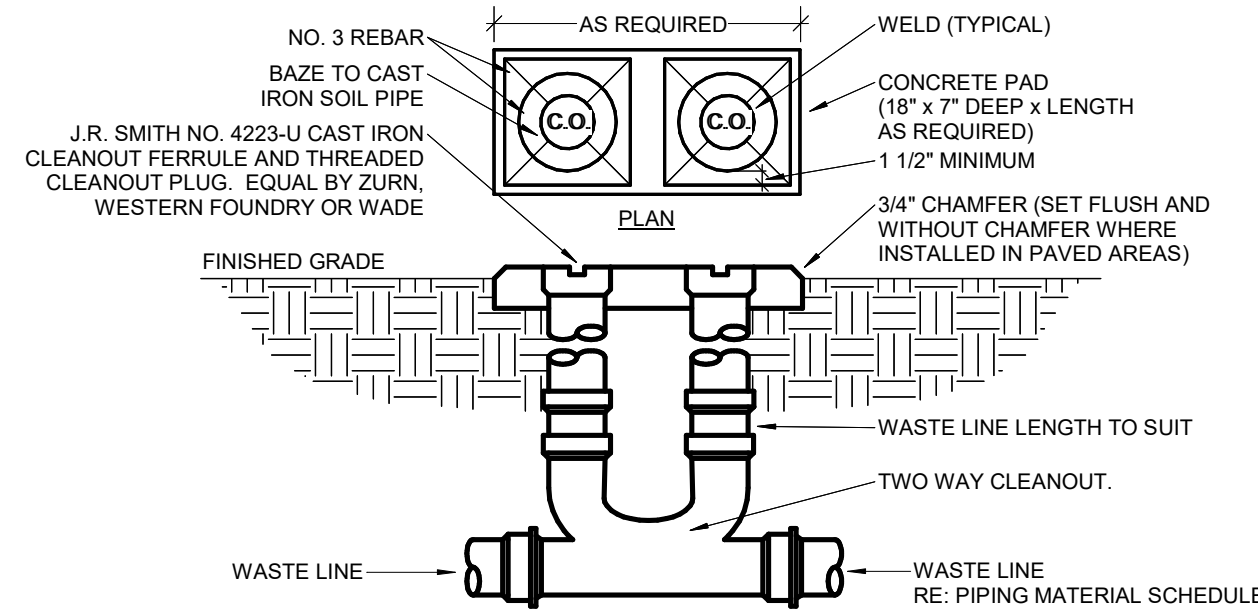


- NOTES:
1. TRAP GUARD SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
 2. REFER TO PLANS FOR TRAP GUARD SIZE AND QUANTITY.
 3. FLOOR DRAINS IN THE KITCHEN SHALL NOT HAVE TRAP GUARD.
 4. TRAP GUARDS BY SURE SEAL OR PROSET.

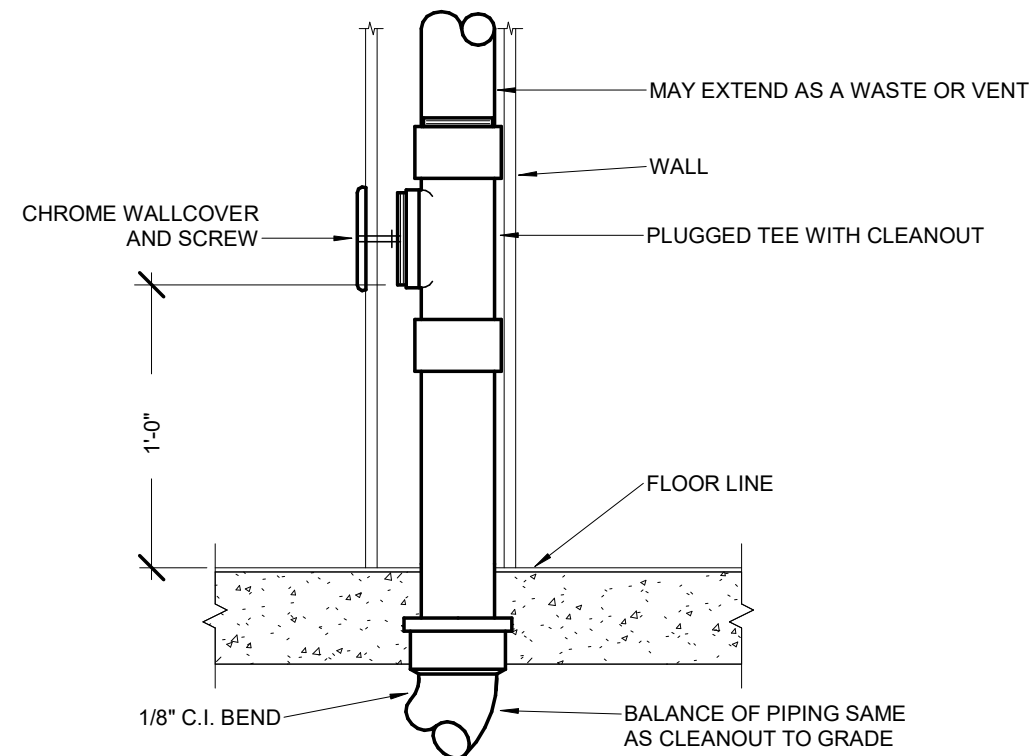
6 FLOOR DRAIN DETAIL
SCALE: NOT TO SCALE



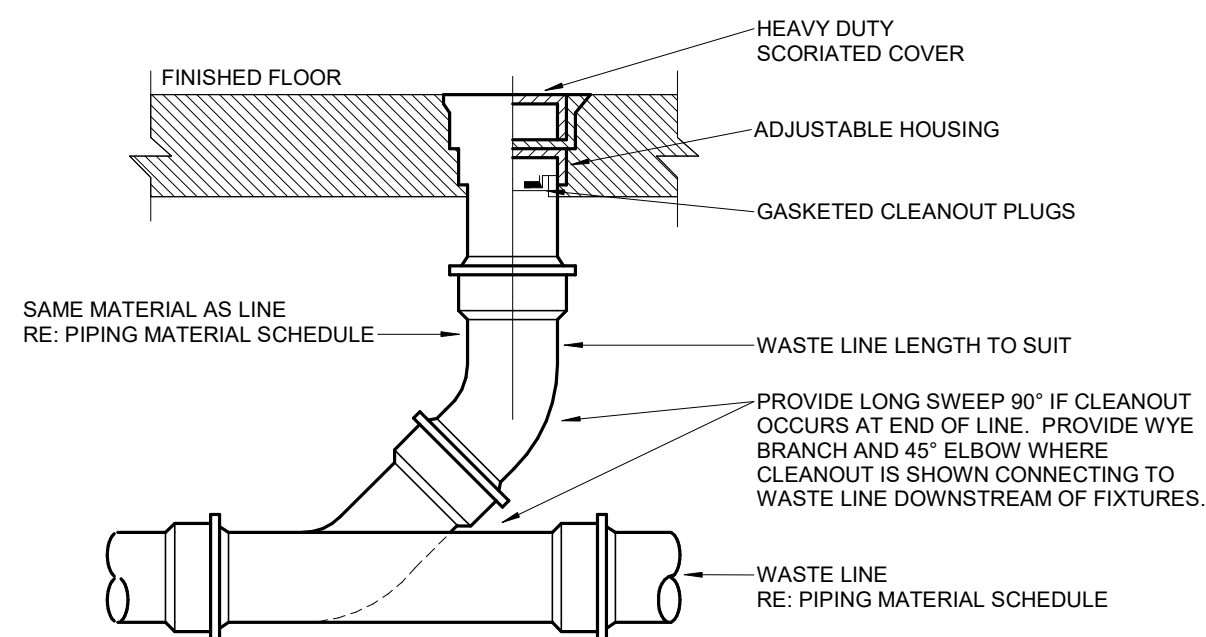
3 FINISH GRADE CLEANOUT DETAIL
SCALE: NOT TO SCALE



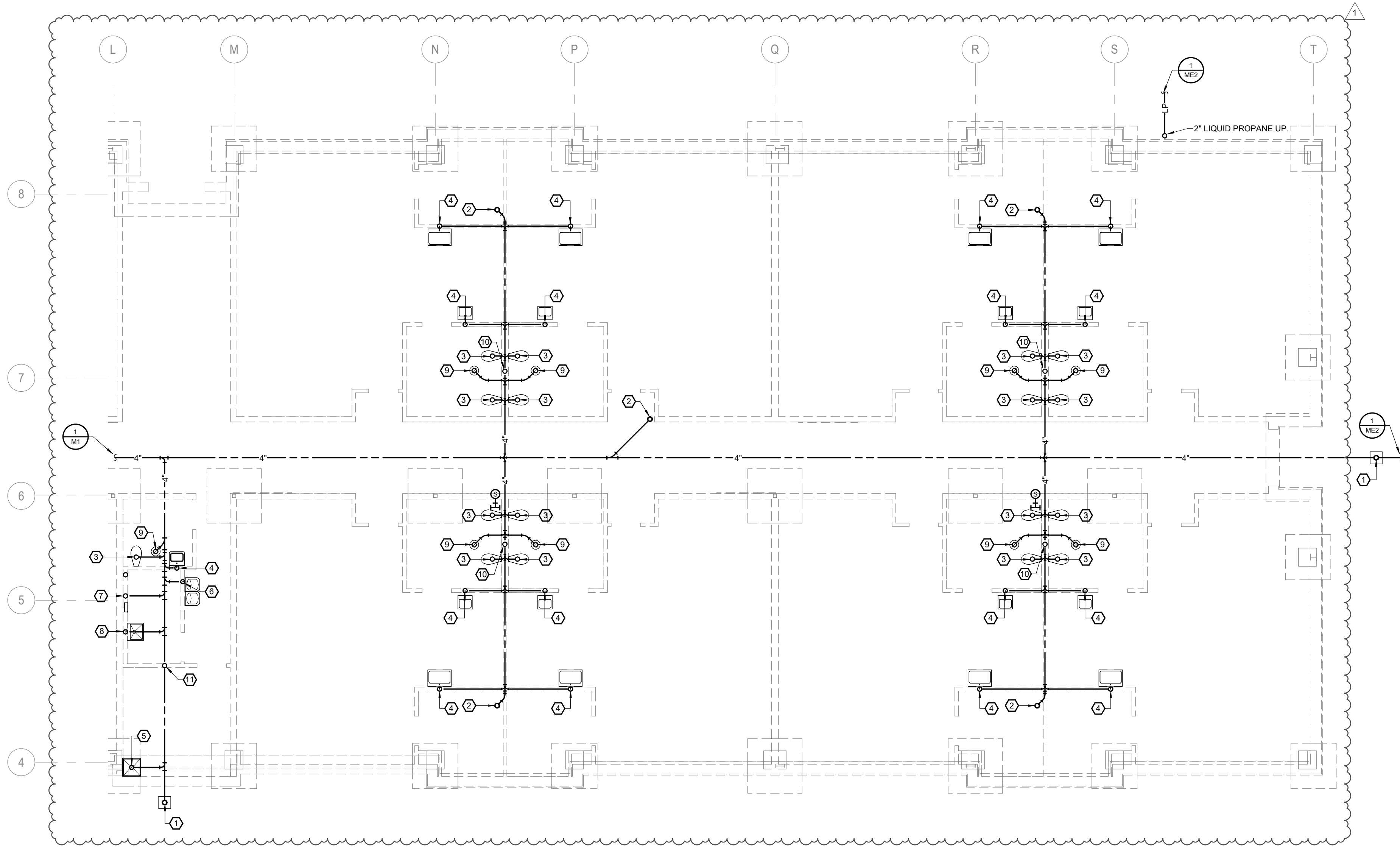
2 2-WAY FINISH GRADE CLEANOUT DETAIL
SCALE: NOT TO SCALE



5 WALL CLEANOUT DETAIL
SCALE: NOT TO SCALE



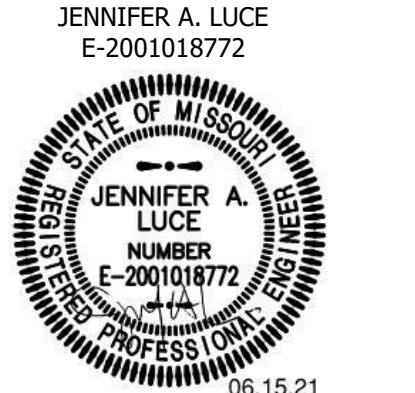
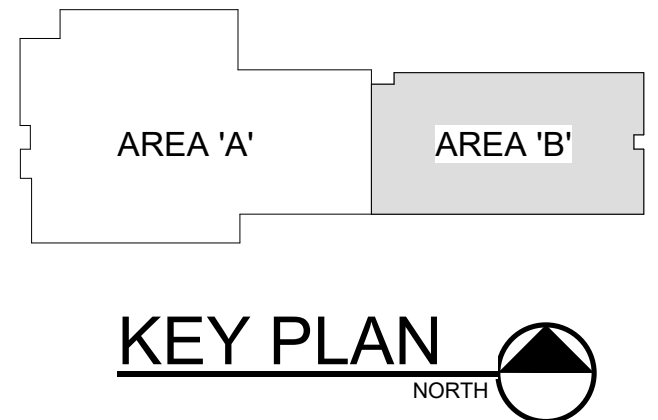
4 FLOOR CLEANOUT DETAIL
SCALE: NOT TO SCALE



1 AREA 'B' UNDERGROUND PLUMBING PLAN
SCALE: 1/8" = 1'-0"

- GENERAL NOTES:**
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 - PROVIDE ACCESS PANELS WHEREVER NECESSARY TO PROVIDE ACCESS TO VALVES, JUNCTION BOXES, ETC. LOCATED IN CONCEALED SPACES.
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 - PROVIDE ALL FIRE RATED MATERIAL FOR PATCH AND REPAIR FOR ALL FIRE RATED ASSEMBLIES. ALL OPENINGS SHALL BE SEALED AND CLOSED IN AN APPROVED MANNER. PROVIDE SLEEVES WHERE REQUIRED.
 - DO NOT ROUTE PIPING OVER ELECTRICAL PANELS.
 - ALL EQUIPMENT SHALL BE INSTALLED TO ALLOW FULL MAINTENANCE PER MANUFACTURER RECOMMENDATIONS.
 - ALL EXPOSED PIPING AND SUPPORTS SHALL BE PAINTED PER THE ARCHITECT'S DIRECTION.
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- PLAN HEX NOTES:**
- 4" WASTE UP TO FINISHED GRADE CLEANOUT.
 - 4" WASTE UP TO FINISHED FLOOR CLEANOUT.
 - 4" WASTE UP TO WATER CLOSET.
 - 2" WASTE UP TO LAVATORY / SINK.
 - 3" TRAPPED WASTE UP TO JANITOR'S BASIN.
 - 2" WASTE UP TO WATER COOLER.
 - 2" WASTE UP TO WASHER BOX.
 - 2" WASTE UP TO LAUNDRY TUB.
 - 2" TRAPPED WASTE UP TO FLOOR DRAIN WITH TRAP GUARD INSERT.
 - 3" CIRCUIT VENT UP.
 - 2" CIRCUIT VENT UP.



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COORDINATOR: TYLER ENSERRO

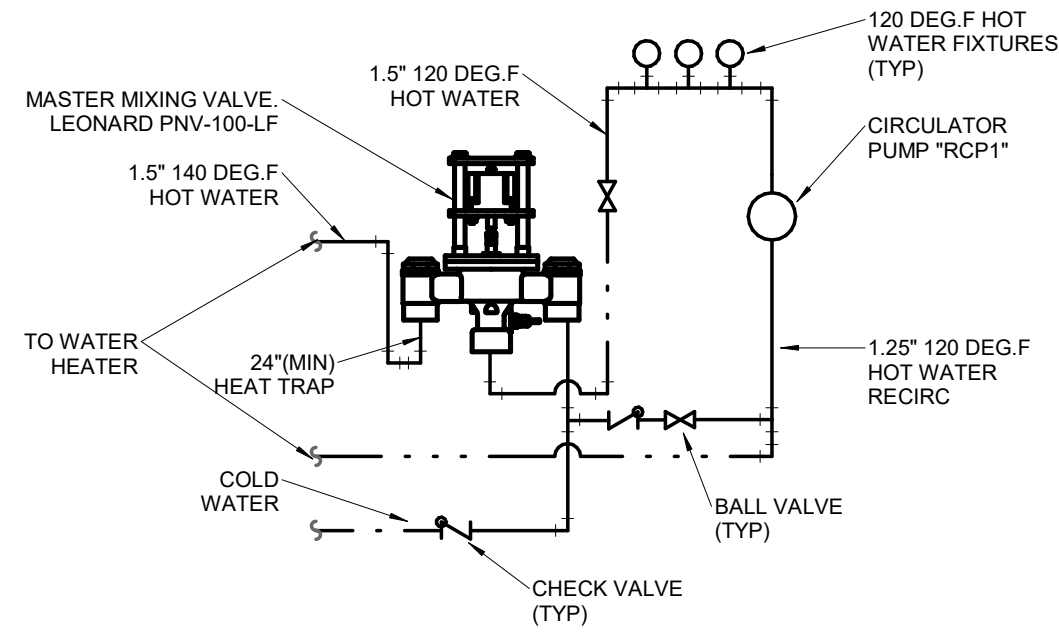
No.	Description	Date
1	AD 01	06-15-2021

M2 MARSHFIELD ECC
AREA 'B' UNDERGROUND PLUMBING PLAN
PROJECT NUMBER: 20-602
DATE: 06/02/2021
ENGINEER OF RECORD: JAL
DRAWN BY: JAM
CHECKED BY: JAL

4
M3

MASTER MIXING VALVE DETAIL

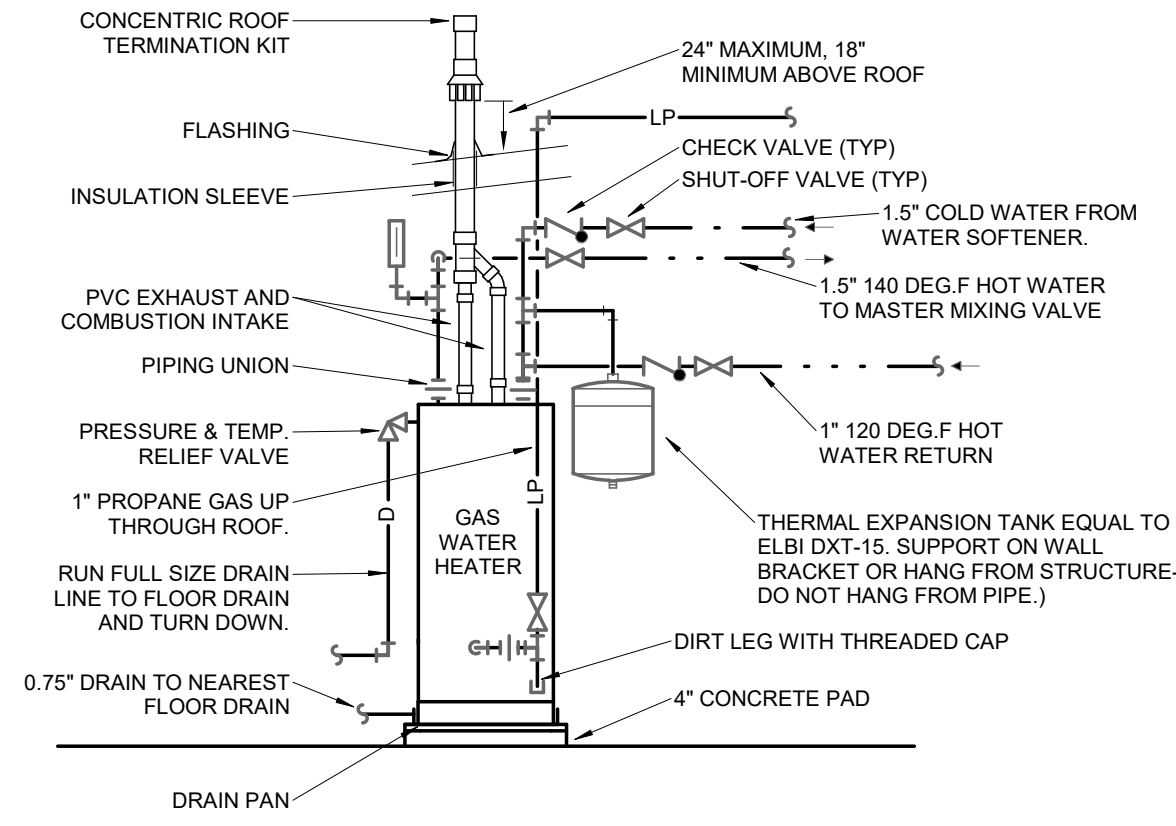
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3
M3

WATER HEATER DETAIL

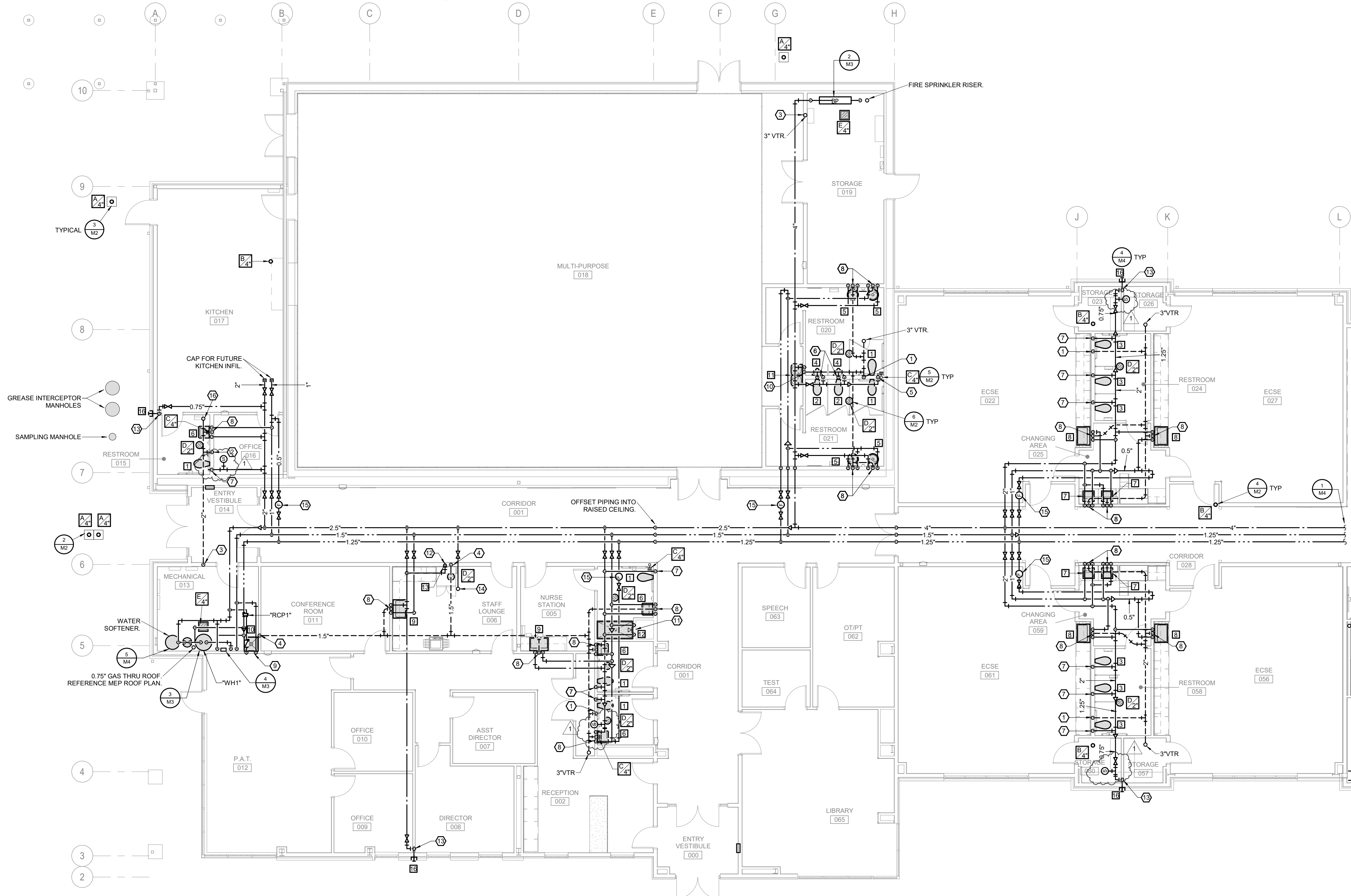
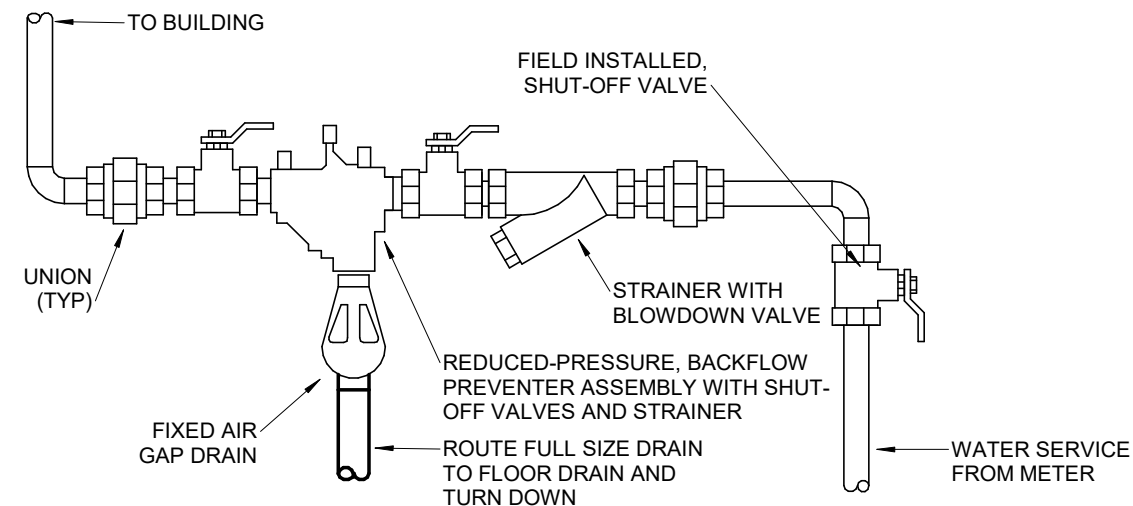
SCALE: NOT TO SCALE



2
M3

WATER SERVICE ENTRANCE DETAIL

SCALE: NOT TO SCALE



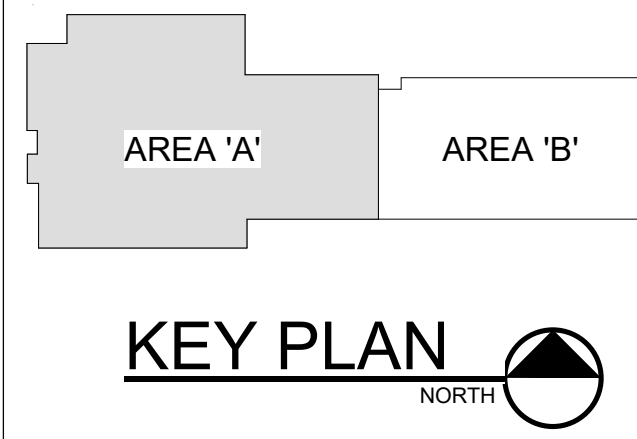
1
M3

AREA 'A' PLUMBING PLAN

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

- ### GENERAL NOTES:
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 - PROVIDE ALL FIRE RATED MATERIAL FOR PATCH AND REPAIR FOR ALL FIRE RATED ASSEMBLIES. ALL OPENINGS SHALL BE SEALED AND CLOSED IN AN APPROVED MANNER. PROVIDE SLEEVES WHERE REQUIRED.
 - DO NOT ROUTE PIPING OVER ELECTRICAL PANELS.
 - ALL EQUIPMENT SHALL BE INSTALLED TO ALLOW FULL MAINTENANCE PER MANUFACTURER RECOMMENDATIONS.
 - ALL EXPOSED PIPING AND SUPPORTS SHALL BE PAINTED PER THE ARCHITECT'S DIRECTION.
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- ### PLAN HEX NOTES:
- 3" CIRCUIT VENT DOWN.
 - 2" CIRCUIT VENT DOWN.
 - 2" VENT DOWN.
 - 1.5" VENT DOWN.
 - 1.5" COLD WATER DOWN, EXTEND 1.25" COLD WATER TO EACH WATER CLOSET.
 - 1.5" VENT AND 1.5" COLD WATER DOWN, EXTEND 1.25" COLD WATER TO WATER CLOSET AND 0.75" COLD WATER TO URINAL.
 - 1.25" COLD WATER DOWN TO WATER CLOSET.
 - 1.5" VENT, 0.5" COLD WATER, AND 0.5" HOT WATER DOWN TO LAVATORY/SINK.
 - 0.5" COLD AND HOT WATER DOWN TO JANITOR'S BASIN.
 - 1.5" VENT AND 0.5" COLD WATER DOWN TO WATER COOLER.
 - 0.5" COLD AND HOT WATER DOWN TO SHOWER VALVE.
 - 0.5" COLD WATER DOWN TO ICE MAKER BOX.
 - 0.75" COLD WATER DOWN TO FREEZE PROOF WALL HYDRANT.
 - 0.75" COLD WATER UP THROUGH ROOF TO ROOF HYDRANT.
 - SET AUTO FLOW VALVE TO 1 GPM.
 - 3" VENT UP TO 4" VTR.



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06.15.21

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PROJECT DESCRIPTION:
M3 MARSHFIELD ECC
AREA 'A' PLUMBING PLAN

PROJECT NUMBER:
20-602

DATE:
06/02/2021

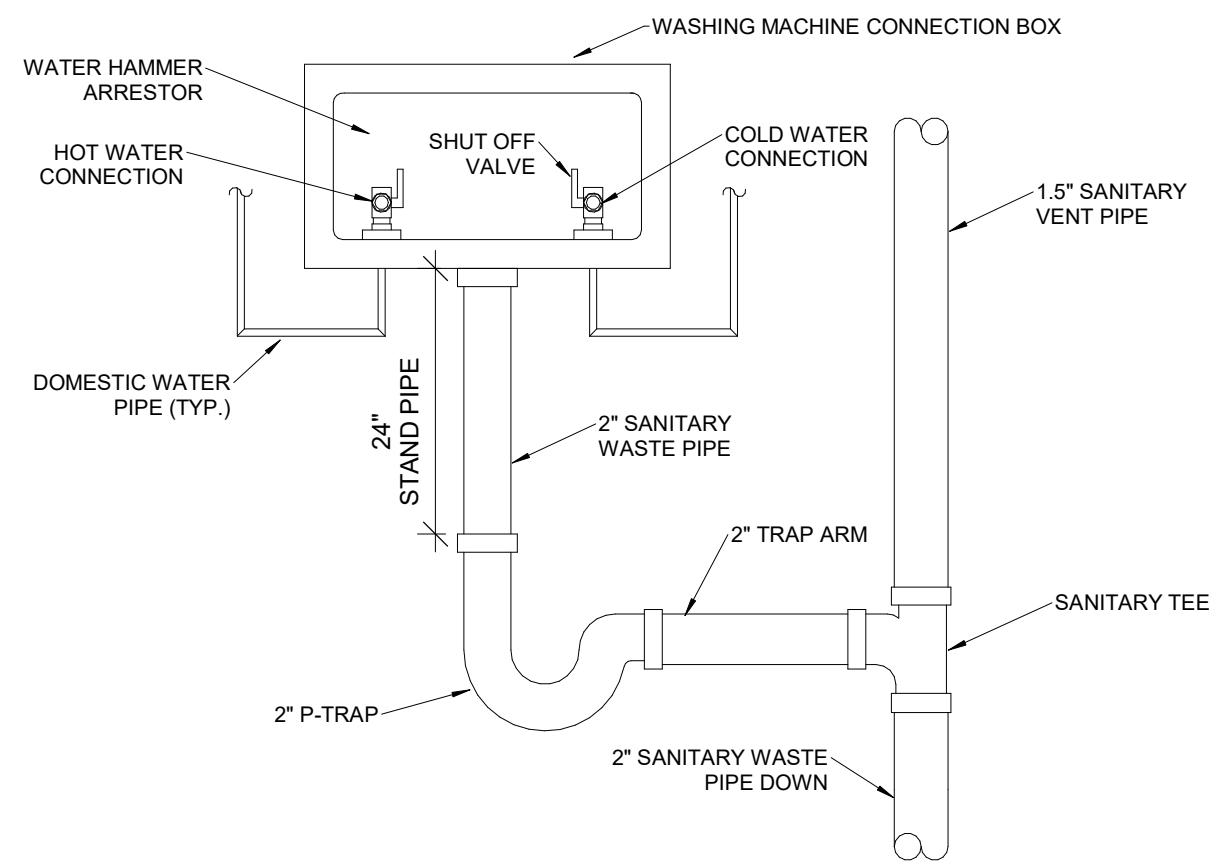
ENGINEER OF RECORD: JAL
DRAWN BY: JAM
CHECKED BY: JAL

600 N LOCUST ST
MARSHFIELD, MO 65706

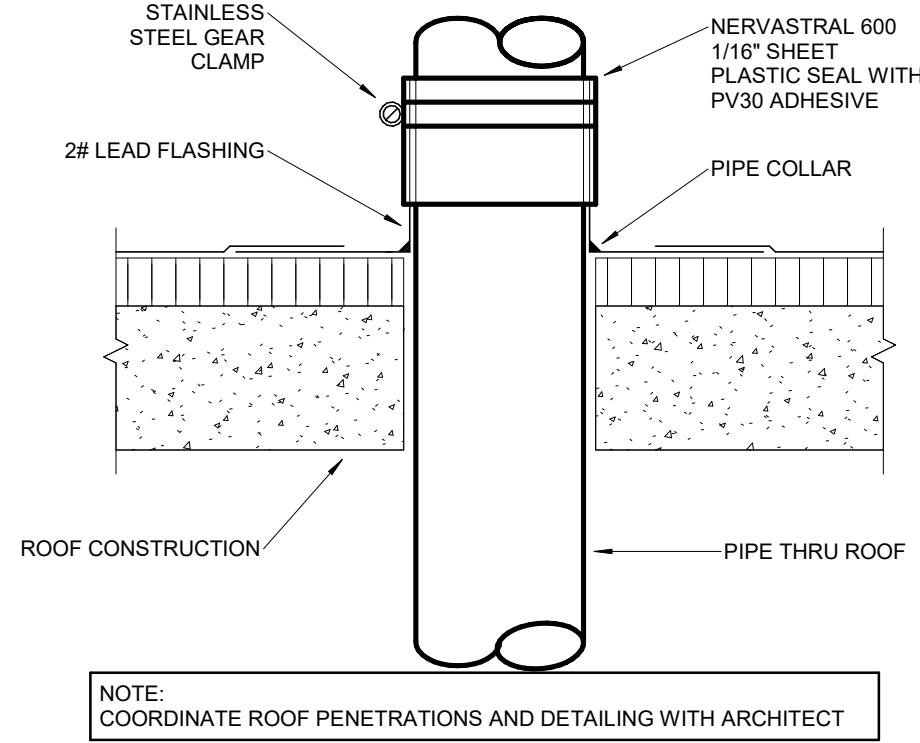
No.	Description	Date
1	AD 01	06-15-2021

KEY PLAN

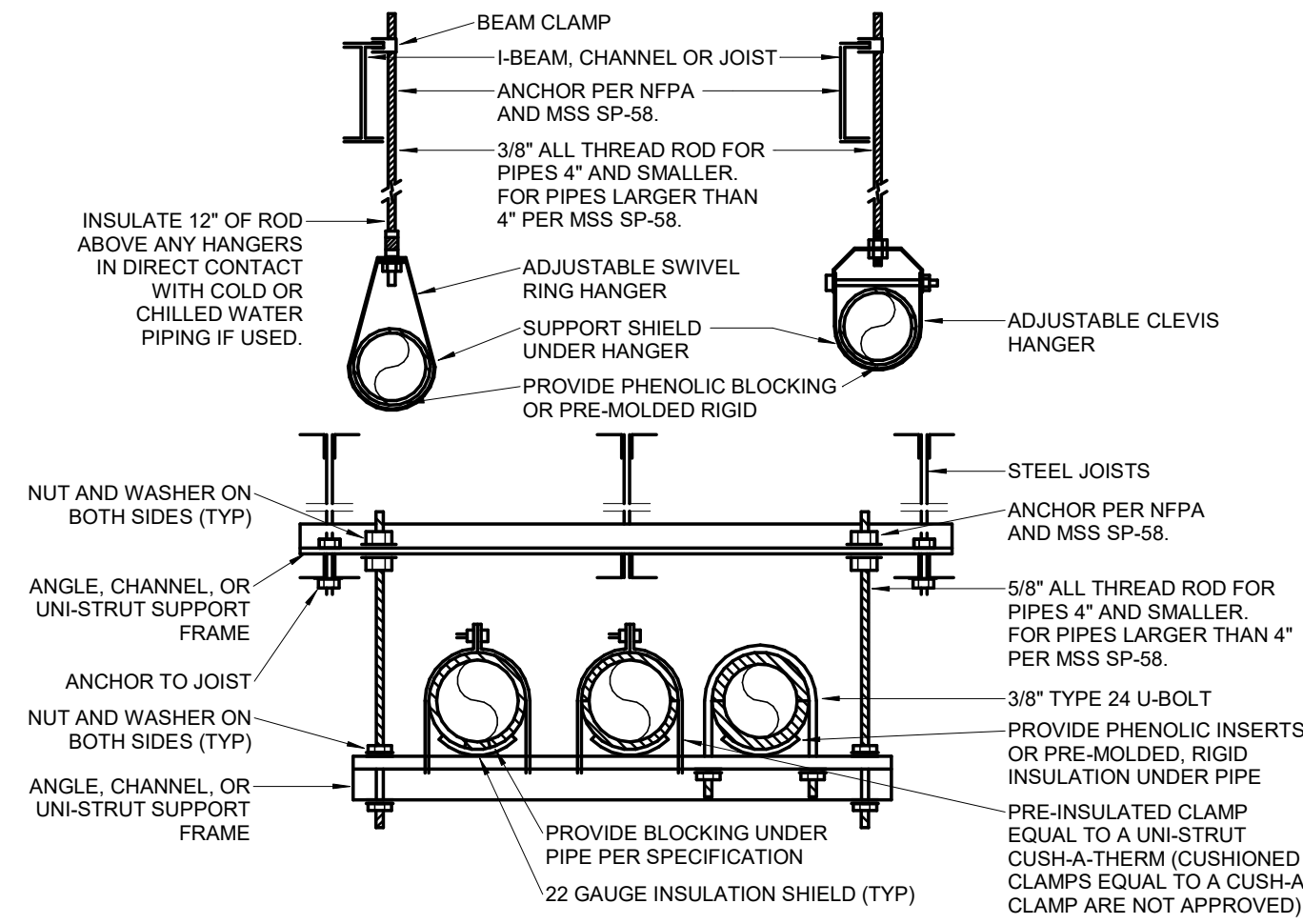
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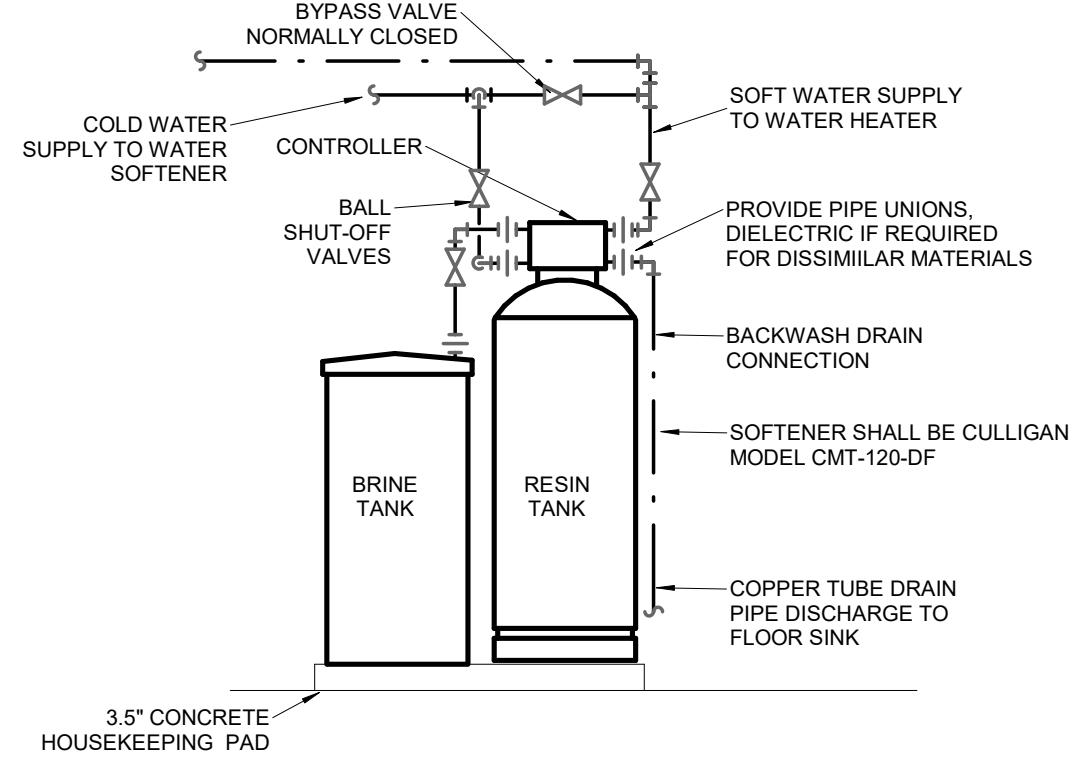
6
M4 WASHING MACHINE CONNECTION BOX
SCALE: NOT TO SCALE



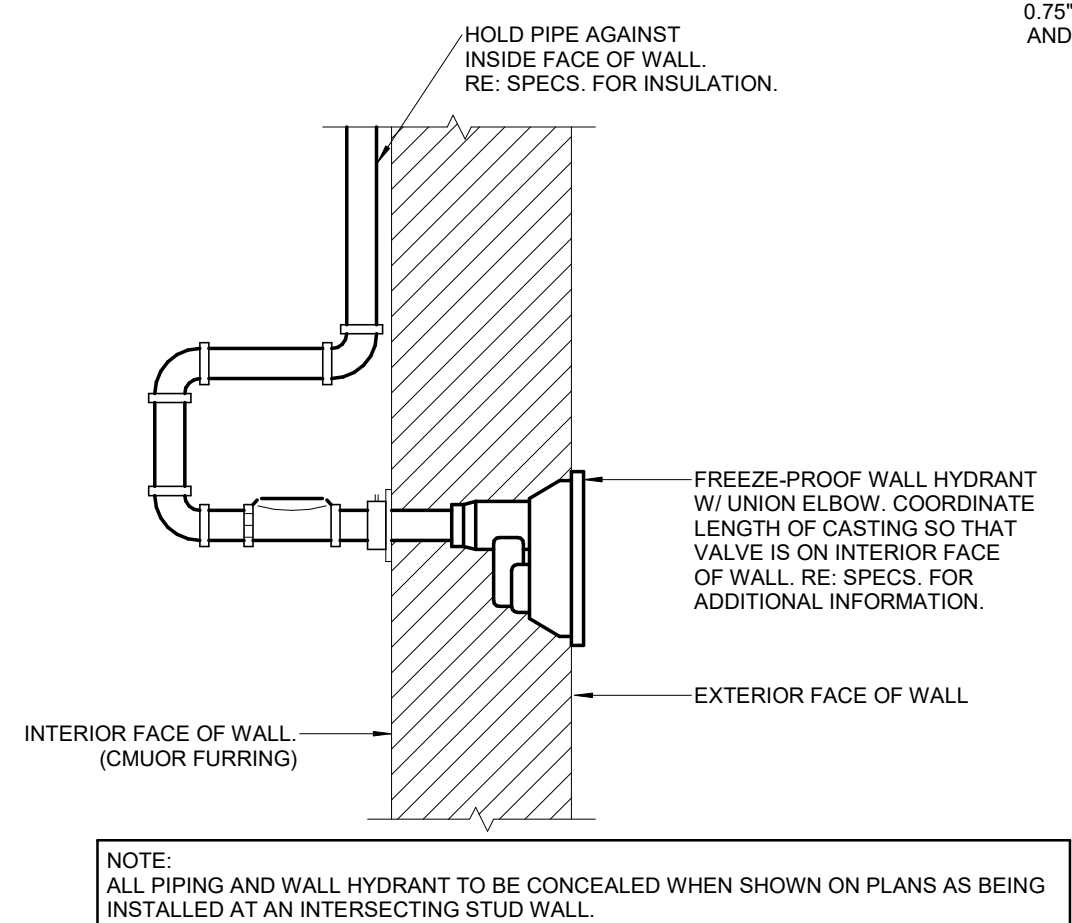
3
M4 VENT THRU ROOF DETAIL
SCALE: NOT TO SCALE



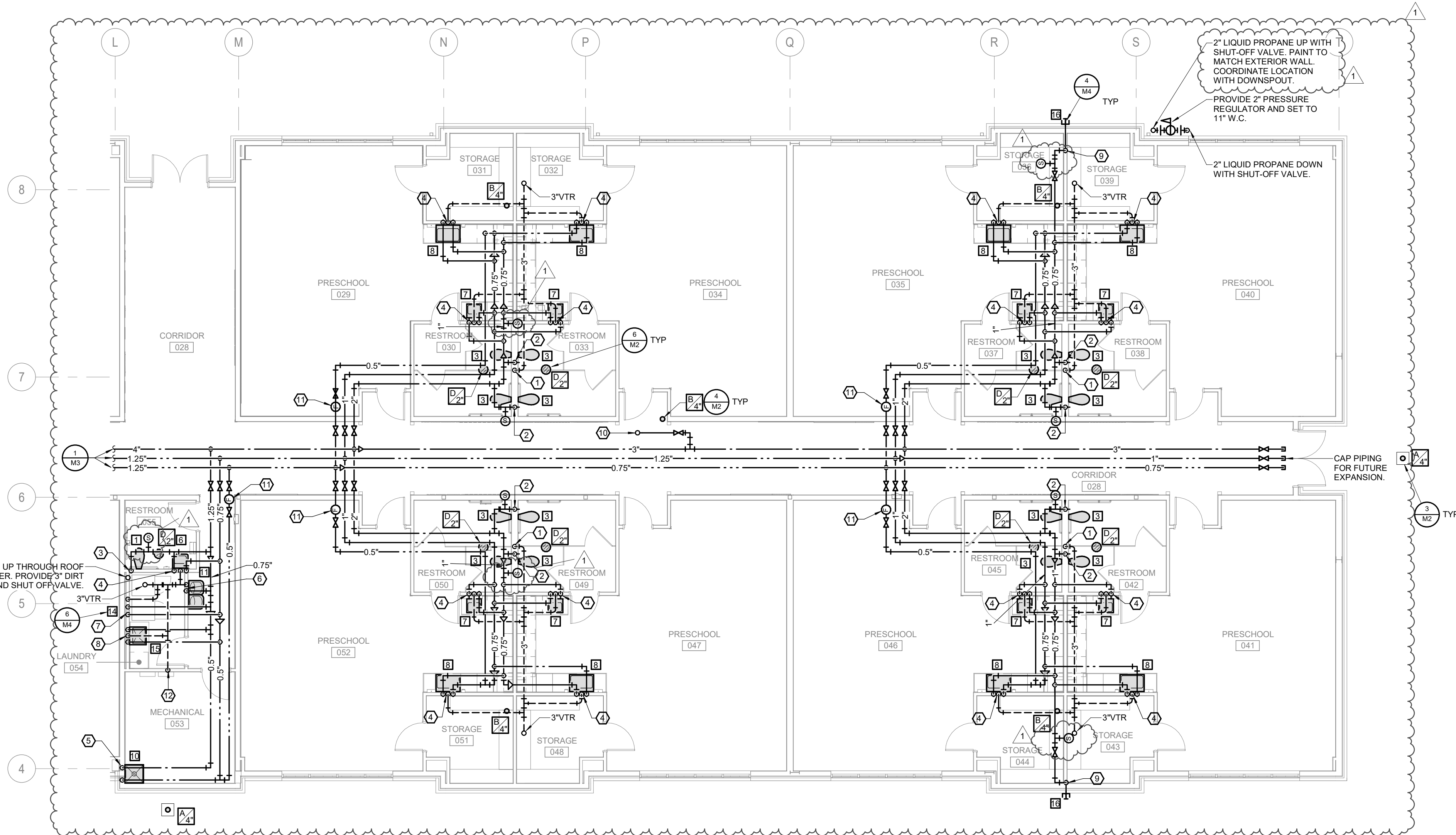
2
M4 PIPE HANGER DETAIL
SCALE: NOT TO SCALE



5
M4 WATER SOFTENER DETAIL
SCALE: NOT TO SCALE

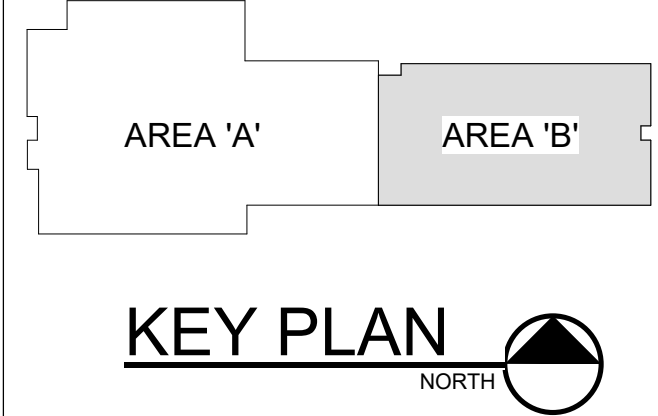


4
M4 WALL HYDRANT DETAIL
SCALE: NOT TO SCALE



1
M4 AREA 'B' PLUMBING PLAN
SCALE: 1/8" = 1'-0"

- GENERAL NOTES:**
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 - REPAIR FOR ALL FIRE RATED ASSEMBLIES. ALL OPENINGS SHALL BE SEALED AFTER CONSTRUCTION WITH APPROVED MATERIALS TO MAINTAIN FIRE RATED ASSEMBLY.
 - CONDUCT RFI'S PRIOR TO INSTALLATION.
 - ALL EQUIPMENT SHALL BE INSTALLED TO ALLOW FULL MAINTENANCE. PERMANENTLY MARKED WATER COOLER RECOMMENDATIONS.
 - 1.5" VENT, 0.5" COLD WATER, AND 0.5" HOT WATER DOWN TO WARMER EXPOSED PIPING AND SUPPORTS SHALL BE PAINTED PER THE ARCHITECT'S DIRECTION.
 - 1.5" VENT, 0.5" COLD WATER, AND 0.5" HOT WATER DOWN TO LAUNDRY. CONTRACTOR AND SUB-CONTRACTOR OR TRADE SHALL REVIEW THE BID DOCUMENTS AS A WHOLE, INCLUDING ALL OTHER TRADES' DRAWINGS AND PROVIDE ALL NECESSARY WORK TO BE COMPLETED BY THE TRADES TO COMPLETE THE WORK SHOWN ON ALL BID DOCUMENTS.
 - 0.75" LIQUID PROPANE UP WITH SHUT-OFF VALVE. COORDINATE LOCATION WITH DOWNSPOUT.
 - 0.75" LIQUID PROPANE DOWN WITH SHUT-OFF VALVE.
 - PROVIDE 2" PRESSURE REGULATOR AND SET TO 11" W.C.
 - 2" LIQUID PROPANE UP WITH SHUT-OFF VALVE. PAINT TO MATCH EXTERIOR WALL. COORDINATE LOCATION WITH DOWNSPOUT.
 - 2" LIQUID PROPANE DOWN WITH SHUT-OFF VALVE.



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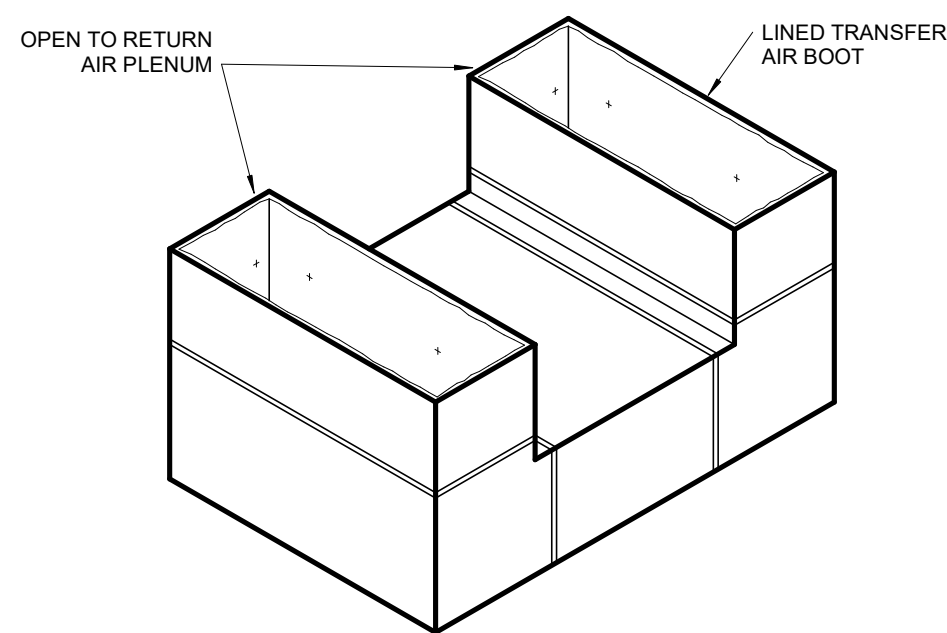
PROJECT DESCRIPTION:
M4 MARSHFIELD ECC
AREA 'B' PLUMBING PLAN

PROJECT NUMBER:
20-602

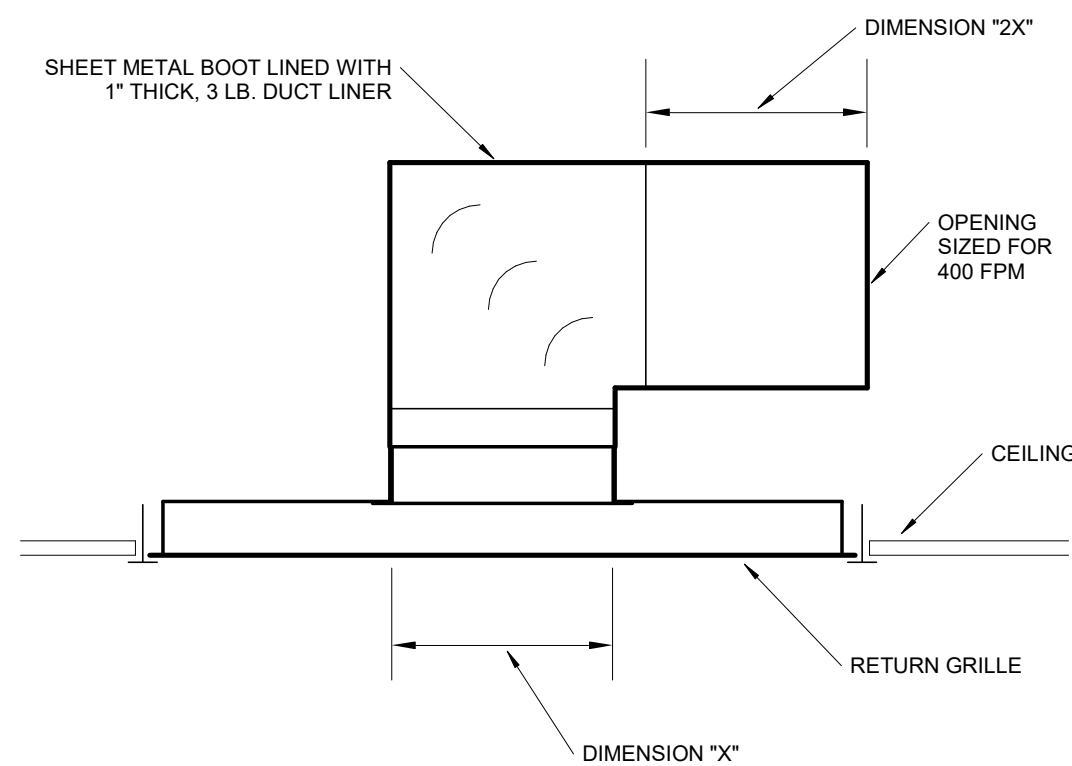
DATE:
06/02/2021

No.	Description	Date
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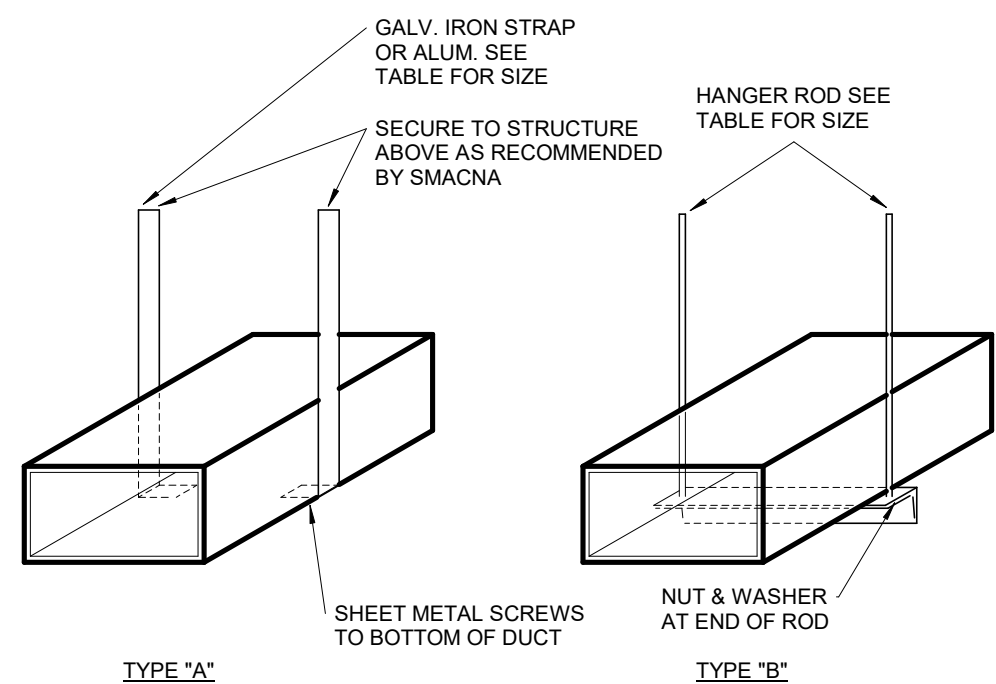
KEY PLAN
NORTH



6 **TRANSFER AIR DUCT DETAIL**
SCALE: NOT TO SCALE



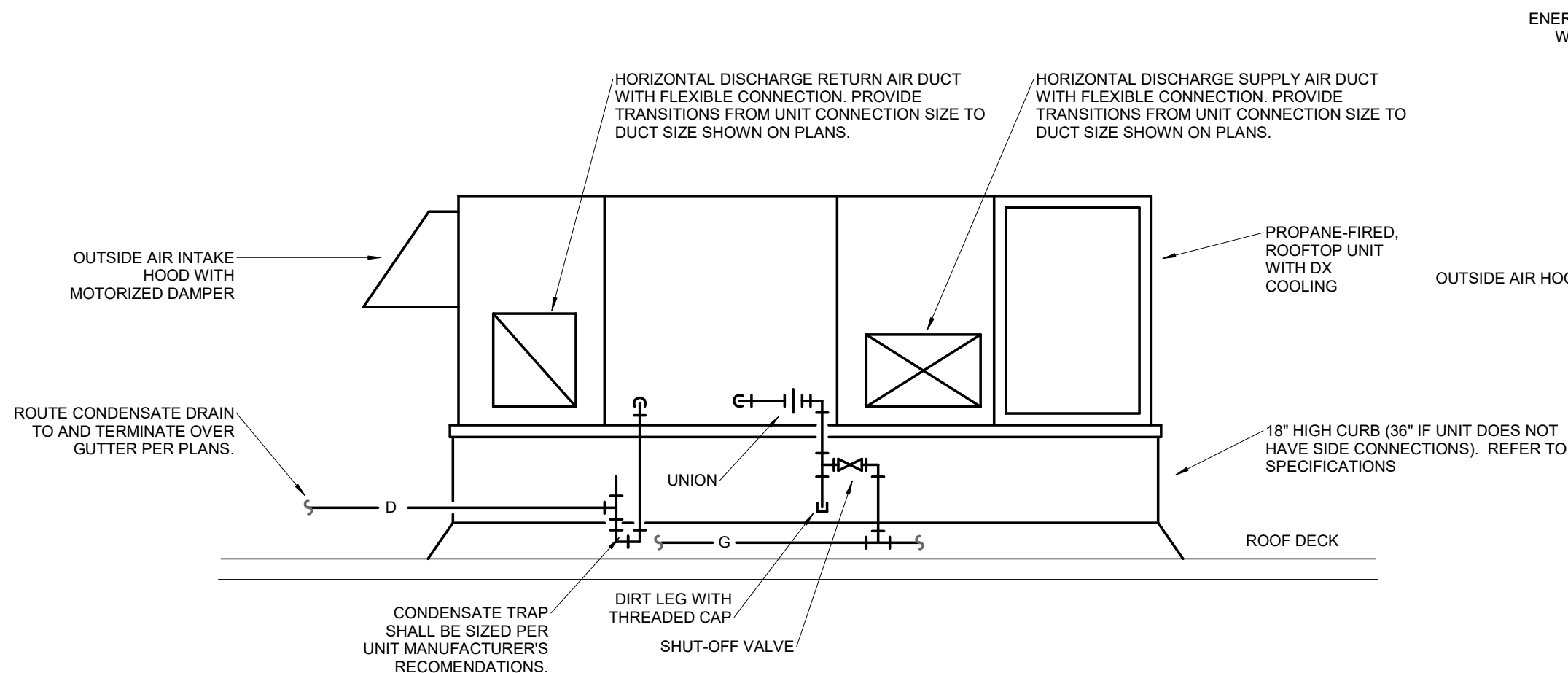
5 **RETURN AIR BOOT DETAIL**
SCALE: NOT TO SCALE



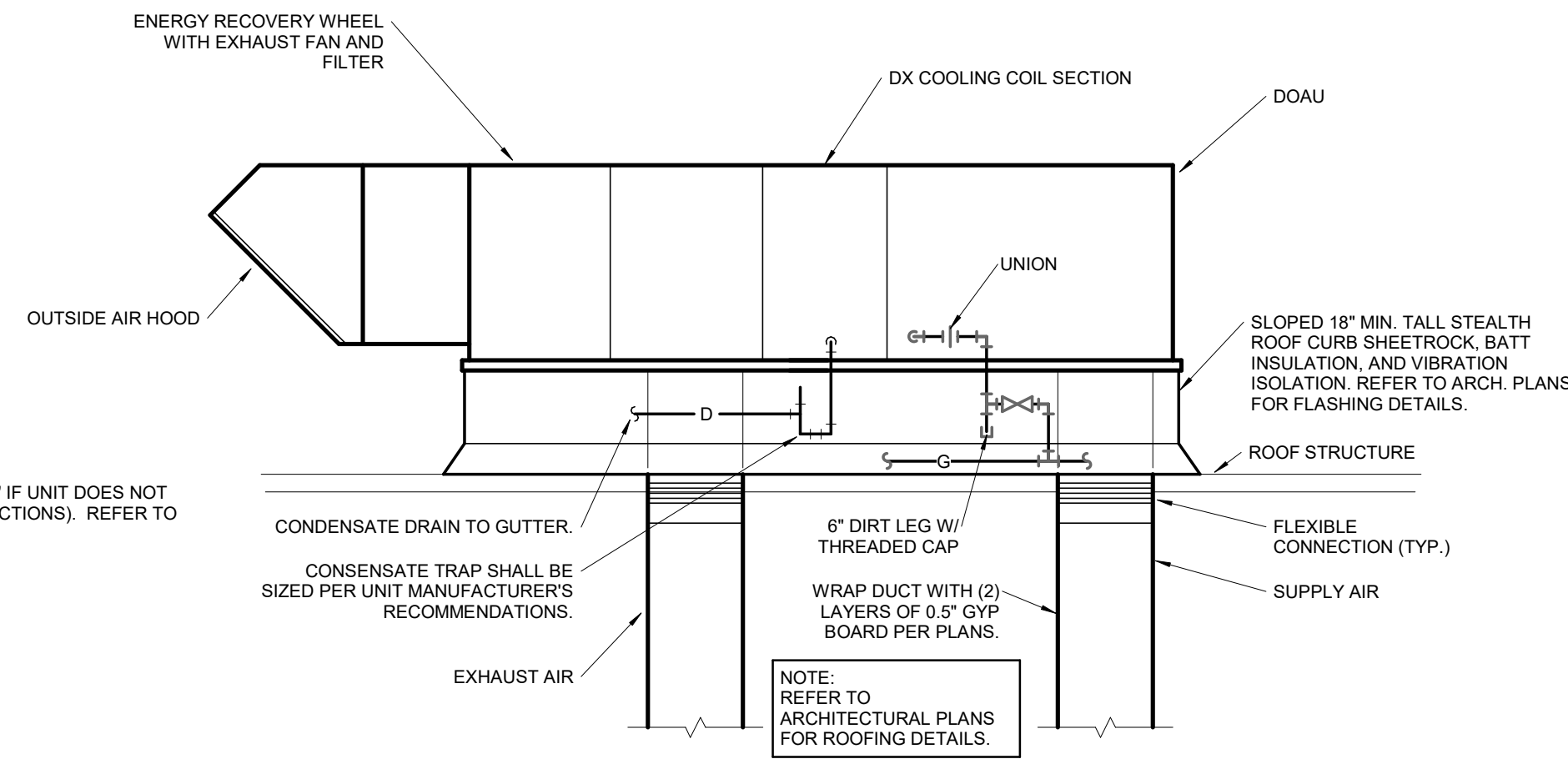
DUCT HANGER SCHEDULE					
DUCT SIZE (INCH)	TYPE OF HANGER	HANGER SPACING (FT)	STRAP SIZE	ROD SIZE (INCH)	ANGLE FOR BRACING
UP TO 12	A	8'-0"	1"x16GA	N.A.	N.A.
13 TO 18	A	8'-0"	1"x16GA	N.A.	N.A.
19 TO 30	A/B	8'-0"	1"x16GA	1/4"	1-1/2"x1-1/2"x1/8"
31 TO 42	B	8'-0"	N.A.	1/4"	1-1/2"x1-1/2"x1/8"
43 TO 54	B	8'-0"	N.A.	1/4"	1-1/2"x1-1/2"x1/8"
55 TO 60	B	8'-0"	N.A.	1/4"	1-1/2"x1-1/2"x1/8"
61 TO 84	B	8'-0"	N.A.	1/4"	1-1/2"x1-1/2"x3/16"
85 TO 96	B	8'-0"	N.A.	1/4"	1-1/2"x1-1/2"x3/16"
OVER 96	B	8'-0"	N.A.	3/8"	2"x2"x1/4"

NOTES:
1. FOR SEVERAL DUCTS ON ONE HANGER, TYPE "B" MAY BE USED. SIZE OF HANGER WILL BE SELECTED ON THE SUM OF DUCT WIDTHS EQUAL TO MAX WIDTH OF DUCT SCHEDULE.
2. ON TYPE "A" HANGER, PROVIDE 3 HANGERS AT EACH TAKE-OFF OR BRANCH.

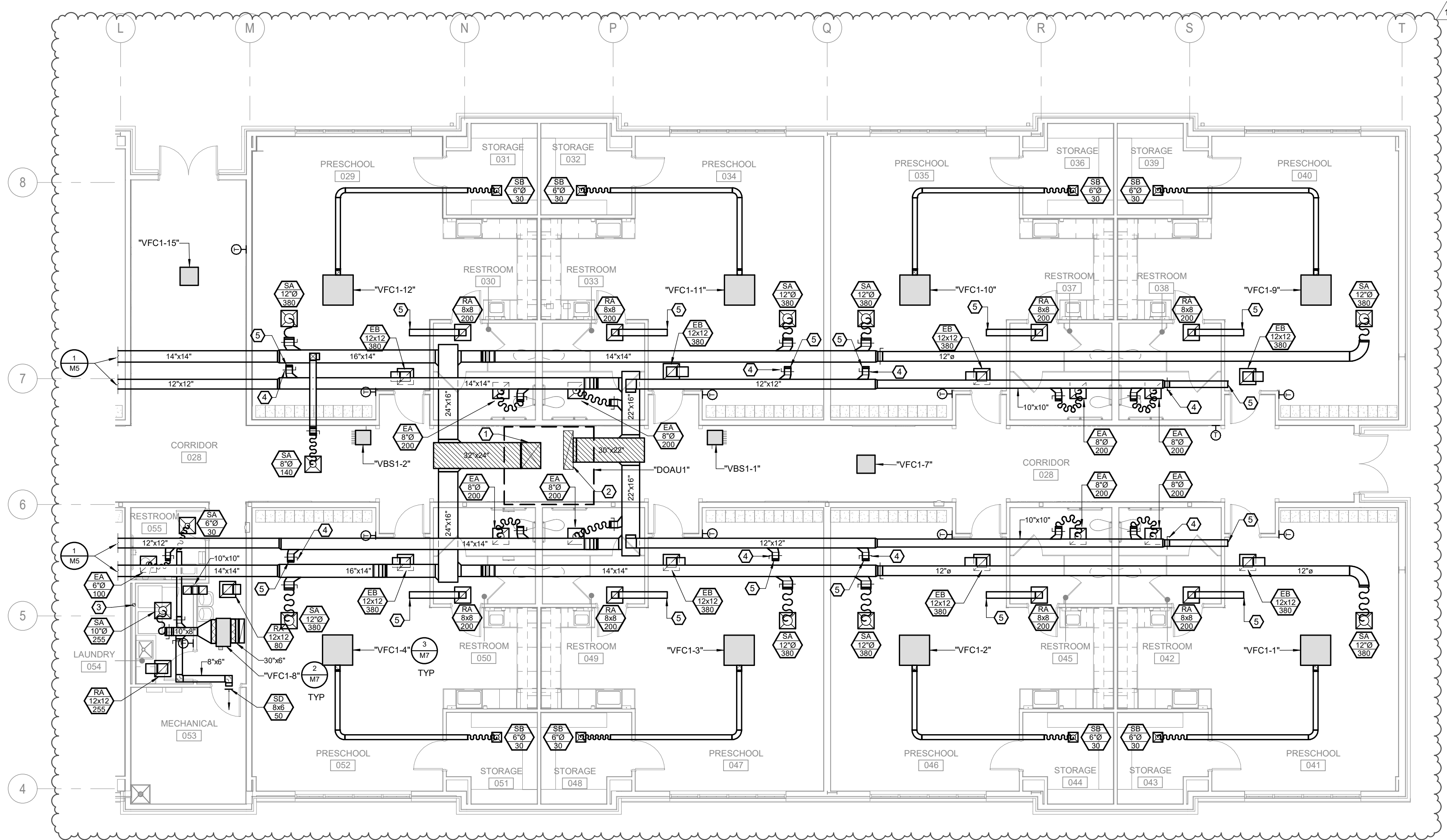
4 **DUCT SUPPORT DETAIL**
SCALE: NOT TO SCALE



3 **ROOFTOP UNIT DETAIL**
SCALE: NOT TO SCALE



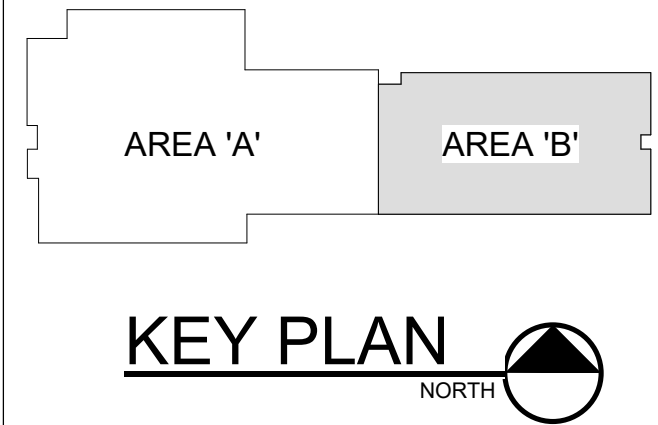
2 **DOAU DETAIL**
SCALE: NOT TO SCALE



1 **AREA 'B' HVAC PLAN**
SCALE: 1/8" = 1'-0"

- GENERAL NOTES:**
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 - PROVIDE ALL FIRE RATED MATERIAL FOR PATCH AND REPAIR OF FIRE RATED ASSEMBLIES. ALL OPENINGS SHALL BE SEALED AND CLOSED IN AN APPROVED MANNER. PROVIDE SLEEVES WHERE NEEDED.
 - BRANCH DUCTS SHALL BE THE SAME SIZE AS DIFFUSER NECK UNLESS NOTED OTHERWISE.
 - DO NOT ROUTE PIPING OR DUCTWORK OVER ELECTRICAL PANELS.
 - ALL EQUIPMENT SHALL BE INSTALLED TO ALLOW FULL MAINTENANCE ACCESS PER MANUFACTURER'S RECOMMENDATIONS.
 - PROVIDE TRANSITIONS TO ALL EQUIPMENT OPENING SIZES.
 - PAINT ALL EXPOSED PIPING AND PIPING SUPPORTS PER THE ARCHITECT. ALL EXPOSED DUCTS SHALL BE MILL PHOSPHATED AND PAINTED PER THE ARCHITECT UNLESS NOTED OTHERWISE ON THE DRAWINGS OR DETAILS.
 - EACH CONTRACTOR AND SUB-CONTRACTOR OR TRADE SHALL REVIEW THE BID DOCUMENTS AS A WHOLE, INCLUDING ALL OTHER TRADES' DRAWINGS AND PROVIDE ANY MISC. ITEMS, MATERIALS, WORK, ETC. REQUIRED TO COMPLETE THE WORK SHOWN ON ALL BID DOCUMENTS. THIS REQUIREMENT APPLIES TO ALL TRADES: STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, EQUIPMENT VENDORS, ETC. REQUIREMENTS AND RELATED WORK ARE INDICATED THROUGHOUT THE BID DOCUMENTS AND SHALL BE REVIEWED WITH THE SPECIFIC MEP, STRUCTURAL, ARCHITECTURAL, AND EQUIPMENT DRAWINGS FOR OVERALL SCOPE OF WORK.

- PLAN HEX NOTES:**
- 32X24 SUPPLY DUCT UP WITH RADIUS ELBOW. EXTEND DUCT UP THROUGH ROOF THEN TRANSITION TO SUPPLY DUCT COLLAR ON DEDICATED OUTDOOR AIR UNIT WITH FLEXIBLE CONNECTION. WRAP ELBOW AND STRAIGHT DUCT SHOWN HATCHED WITH TWO LAYERS OF 0.5" GYPSUM BOARD.
 - 48X12 EXHAUST DUCT UP THROUGH ROOF THEN TRANSITION TO EXHAUST DUCT COLLAR ON DEDICATED OUTDOOR AIR UNIT WITH FLEXIBLE CONNECTION. WRAP ELBOW AND STRAIGHT DUCT SHOWN HATCHED WITH TWO LAYERS OF 0.5" GYPSUM BOARD.
 - PROVIDE DRYER VENT BOX IN WALL AND 4" DRYER VENT UP THROUGH ROOF AND TERMINATED WITH ROOF VENT CAP PER MANUFACTURER'S RECOMMENDATIONS.
 - SET 8" DAMPER TO 135 CFM.
 - LEAVE DUCT OPEN TO PLENUM.



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MISSOURI STATE CERTIFICATE OF AUTHORITY #A-2018000415

PARAGON
ARCHITECTURE

637 COLLEGE STREET, SPRINGFIELD, MO 65806
PH: 417.885.0002
www.paragonarchitecture.com

PROJECT DESCRIPTION:
M6 MARSHFIELD ECC
AREA 'B' HVAC PLAN

PROJECT NUMBER:
20-602

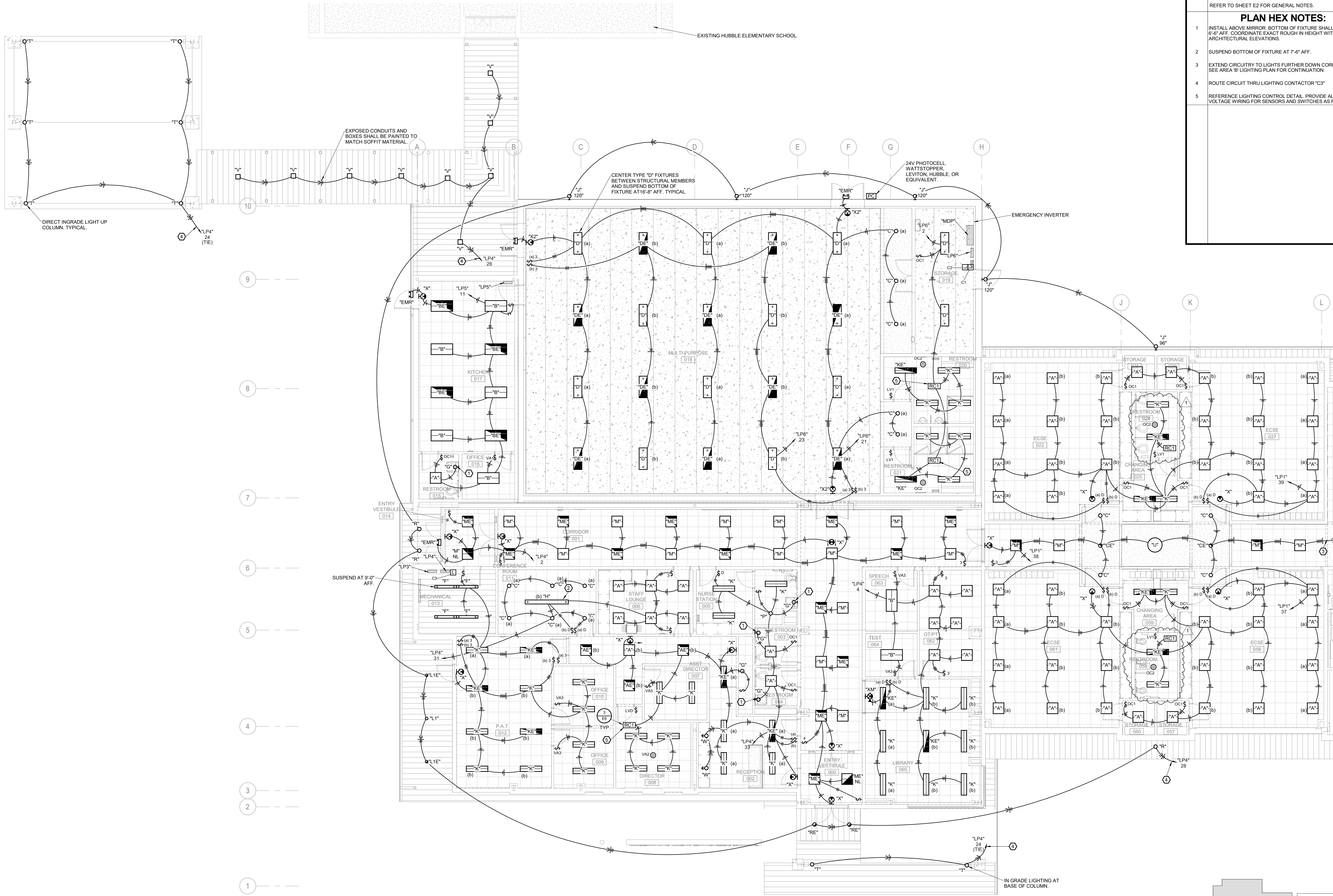
DATE:
06/02/2021

ENGINEER OF RECORD: JAL
DRAWN BY: JAM
CHECKED BY: JAL

600 N LOCUST ST
MARSHFIELD, MO 65706

RTM ENGINEERING CONSULTANTS

417.881.0020
www.rtm-engineers.com
COURTESY PHOTO COURTESY OF ARCHITECTS FOR EXPOSURE



GENERAL NOTES:
REFER TO SHEET E2 FOR GENERAL NOTES.

PLAN HEX NOTES:

1. INSTALL ABOVE MIRROR. BOTTOM OF FIXTURE SHALL BE AT 6'-6" AFF. COORDINATE EXACT ROUGH IN HEIGHT WITH ARCHITECTURAL ELEVATIONS.
2. SUSPEND BOTTOM OF FIXTURE AT 7'-6" AFF.
3. EXTEND CIRCUITRY TO LIGHTS FURTHER DOWN CORRIDOR. SEE AREA 'B' LIGHTING PLAN FOR CONTINUATION.
4. ROUTE CIRCUIT THRU LIGHTING CONTACTOR "C3"
5. REFERENCE LIGHTING CONTROL DETAIL. PROVIDE ALL LOW VOLTAGE WIRING FOR SENSORS AND SWITCHES AS REQUIRED.

JENNIFER A. LUCE
E-2001018772

MISSOURI STATE BOARD OF ARCHITECTURE
JENNIFER A. LUCE
NUMBER
E-2001018772
06.15.21

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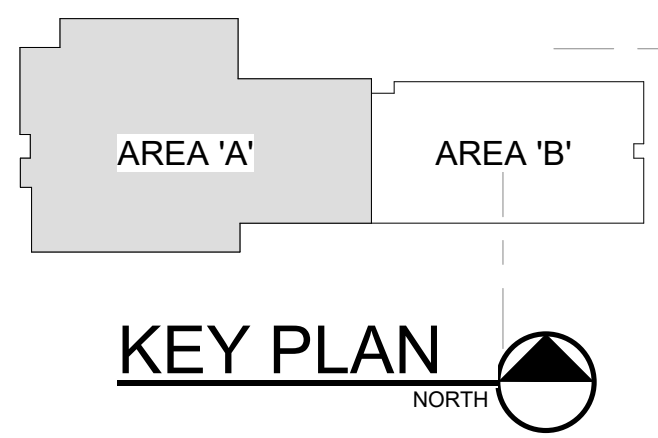
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COURTESY: MISSOURI STATE BOARD OF ARCHITECTURE

No.	Description	Date
1	AD 01	06-15-2021

E1 MARSHFIELD ECC
AREA 'A' LIGHTING PLAN
PROJECT NUMBER: 20-602
DATE: 06/02/2021
ENGINEER OF RECORD: JAL
DRAWN BY: TSE
CHECKED BY: JAL

PROJECT DESCRIPTION:
600 N. LOCUST ST.
MARSHFIELD, MO 65706



1 AREA 'A' LIGHTING PLAN
SCALE: 1/8" = 1'-0"
NORTH



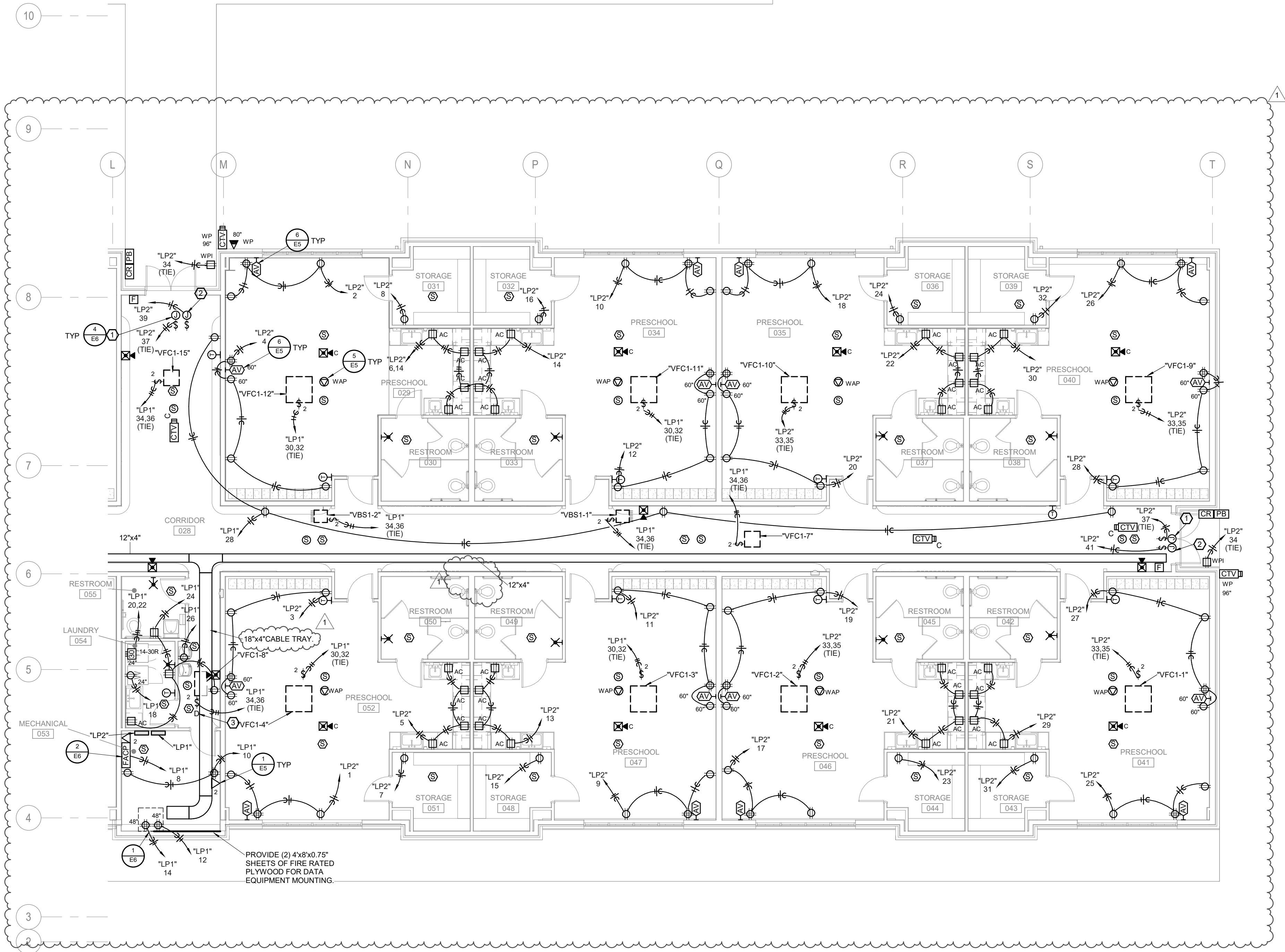
AREA 'A' AREA 'B'

KEY PLAN

NORTH

E2 MARSHFIELD ECC
AREA 'B' LIGHTING PLAN
 PROJECT NUMBER: 800 N. LOCUST ST.
 MARSHFIELD, MO 65706
20-602
 DATE: ENGINEER OF RECORD: JAL
 06/02/2021 DRAWN BY: TSE
 CHECKED BY: JAL

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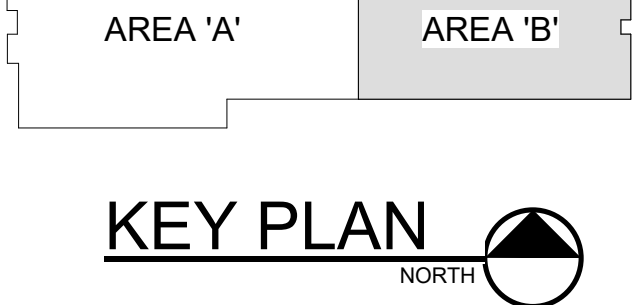
1
E4
AREA 'B' POWER PLAN
SCALE: 1/8" = 1'-0"
NORTH

GENERAL NOTES:

- A. THESE GENERAL NOTES APPLY TO ALL ELECTRICAL AND SPECIAL SYSTEMS DRAWINGS. REFER TO DIVISION 28, 27 AND 28 SPECIFICATIONS FOR ADDITIONAL ELECTRICAL AND SPECIAL SYSTEMS SPECIFICATIONS AND REQUIREMENTS.
- B. FOR ALL ELECTRICAL QUESTIONS ON THIS PROJECT, CONTACT RTM ENGINEERING CONSULTANTS AT (417) 881-0020. CONTACT: TYLER ENSERRO
- C. PROVIDE UNSWITCHED/UNCONTROLLED HOT FROM NEAREST CIRCUIT TO EXIT SIGNS AND EMERGENCY FIXTURES WITH INTEGRAL BATTERIES.
- D. PROVIDE ALL 0-10V DIMMING WIRING AS REQUIRED.
- E. EXIT SIGNS SHALL BE INSTALLED AT 4" ABOVE THE DOOR FRAME AND TRIM TO THE BOTTOM OF THE SIGN UNLESS NOTED OTHERWISE.
- F. REFER TO DETAIL 3/E6 FOR OCCUPANCY/VACANCY SENSOR WIRING DIAGRAM. PROVIDE ALL POWER PACKS, LOW VOLTAGE WIRING, DIMMING WIRING, SENSORS, CONDUITS, BOXES, ETC. TO MEET THE DESIGN INTENT.
- G. THE LAY-IN CEILING GRID AND SOFFIT LOCATIONS ARE SHOWN ON THESE PLANS FOR SCHEMATIC REFERENCE ONLY. REFER TO THE ARCHITECTURAL AND INTERIOR PLANS FOR ACTUAL REFLECTED CEILING PLANS. COORDINATE LIGHT FIXTURE MOUNTING REQUIREMENTS BASED ON ACTUAL CEILING FINISH TYPES AND REVISE LIGHT FIXTURE MODEL NUMBERS ACCORDINGLY ON THE LIGHT FIXTURE SCHEDULE.
- H. REFER TO THE ARCHITECTURAL AND INTERIOR PLANS FOR THE MOUNTING/SUSPENSION HEIGHTS OF ALL WALL MOUNTED AND PENDANT LIGHT FIXTURES. MOUNTING HEIGHTS, IF NOTED ON THESE PLANS, ARE APPROXIMATE.
- I. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH A PULL WIRE.
- J. CONTRACTOR IS RESPONSIBLE FOR ALL STRUCTURAL SUPPORTS FOR THE PENDANT LIGHT FIXTURES. COORDINATE REQUIREMENTS WITH THE LIGHTING FIXTURE MANUFACTURER PRIOR TO ANY ROUGH IN. COORDINATE ADDITIONAL FRAMING REQUIREMENTS WITH THE C/C SO THAT FIXTURES ARE SUPPORTED BY STRUCTURAL MEMBERS. IN NO CASE SHALL ANY LIGHT FIXTURES BE SUPPORTED FROM MECHANICAL EQUIPMENT, DUCTWORK, PIPING, OR THEIR ASSOCIATED SUPPORTS.
- K. ALL LOW VOLTAGE WIRING IN AREAS WITHOUT CEILINGS SHALL BE INSTALLED IN CONDUIT. ROUTE CONDUIT TO NEAREST AREA WITH ACCESSIBLE CEILING. PAINT ALL EXPOSED CONDUIT PER ARCHITECT.
- L. EACH CONTRACTOR AND SUB-CONTRACTOR OR TRADE SHALL REVIEW THE BID DOCUMENTS AS A WHOLE, INCLUDING ALL OTHER TRADES' DRAWINGS AND PROVIDE ANY MISC. ITEMS, MATERIALS, WORK, ETC. REQUIRED TO COMPLETE THE WORK SHOWN ON ALL BID DOCUMENTS. THIS REQUIREMENT APPLIES TO ALL TRADES: STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, EQUIPMENT VENDORS, ETC. REQUIREMENTS AND RELATED WORK ARE INDICATED THROUGHOUT THE BID DOCUMENTS AND SHALL BE REVIEWED WITH THE SPECIFIC MEP, STRUCTURAL, ARCHITECTURAL, AND EQUIPMENT DRAWINGS FOR OVERALL SCOPE OF WORK.

PLAN HEX NOTES:

1. POWER ABOVE CEILING FOR DOOR SECURITY HARDWARE. PROVIDE CONDUITS TO CARD READER(S), ELECTRIC STRIKE/LOCK, AND ALL OTHER COMPONENTS AS REQUIRED. PROVIDE CONTROL WIRING AS REQUIRED. COORDINATE ALL REQUIREMENTS AND LOCATIONS WITH EQUIPMENT SUPPLIER PRIOR TO ANY ROUGH IN.
2. POWER ABOVE CEILING FOR ADA DOOR OPERATOR. PROVIDE CONDUIT AND CONTROL WIRING TO PUSHBUTTONS.
3. DUCT SMOKE DETECTOR AND FAN SHUTDOWN RELAY IN UNIT RETURN AIR DUCT WIRED TO SHUTDOWN UNIT UPON DETECTION OF SMOKE. RELAY SHALL SEND SIGNAL TO FIRE ALARM CONTROL PANEL UPON ACTIVATION.



JENNIFER A. LUCE
E-2001018772

MISSOURI STATE BOARD OF ARCHITECTS
JENNIFER A. LUCE
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PROFESSIONAL SEAL
06.15.21

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CONTRACT ADMINISTRATION CONTROLLER & ARCHITECT FOR RECORD

No.	Description	Date
1	AD 01	06-15-2021

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MARSHFIELD ECC
AREA 'B' POWER PLAN
600 N LOCUST ST
MARSHFIELD, MO 65706
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SHEET NUMBER:
E4
PROJECT NUMBER:
20-602
DATE:
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