



637 W College St
Springfield, MO 65806
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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

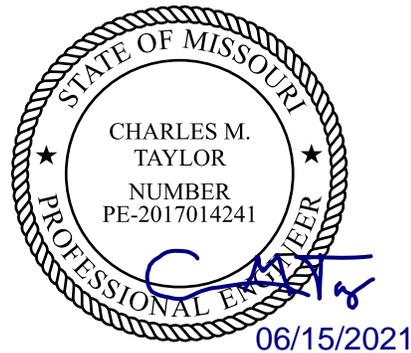
CHANGES TO THE DRAWINGS

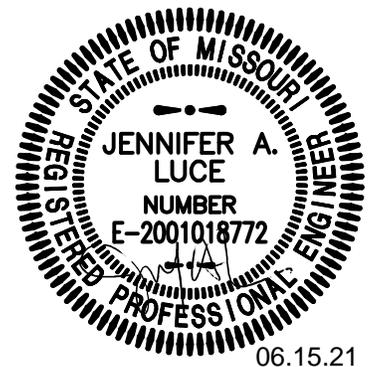
- S1-1
 - Revised classroom wing slab edge dimensions & column layout to coordinate with latest PEMB supplier plans.
- S1-2
 - Revised classroom wing slab edge dimensions & column layout to coordinate with latest PEMB supplier plans.
- S2-1
 - Revised Detail 9 to graphically show the PEMB column aligned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

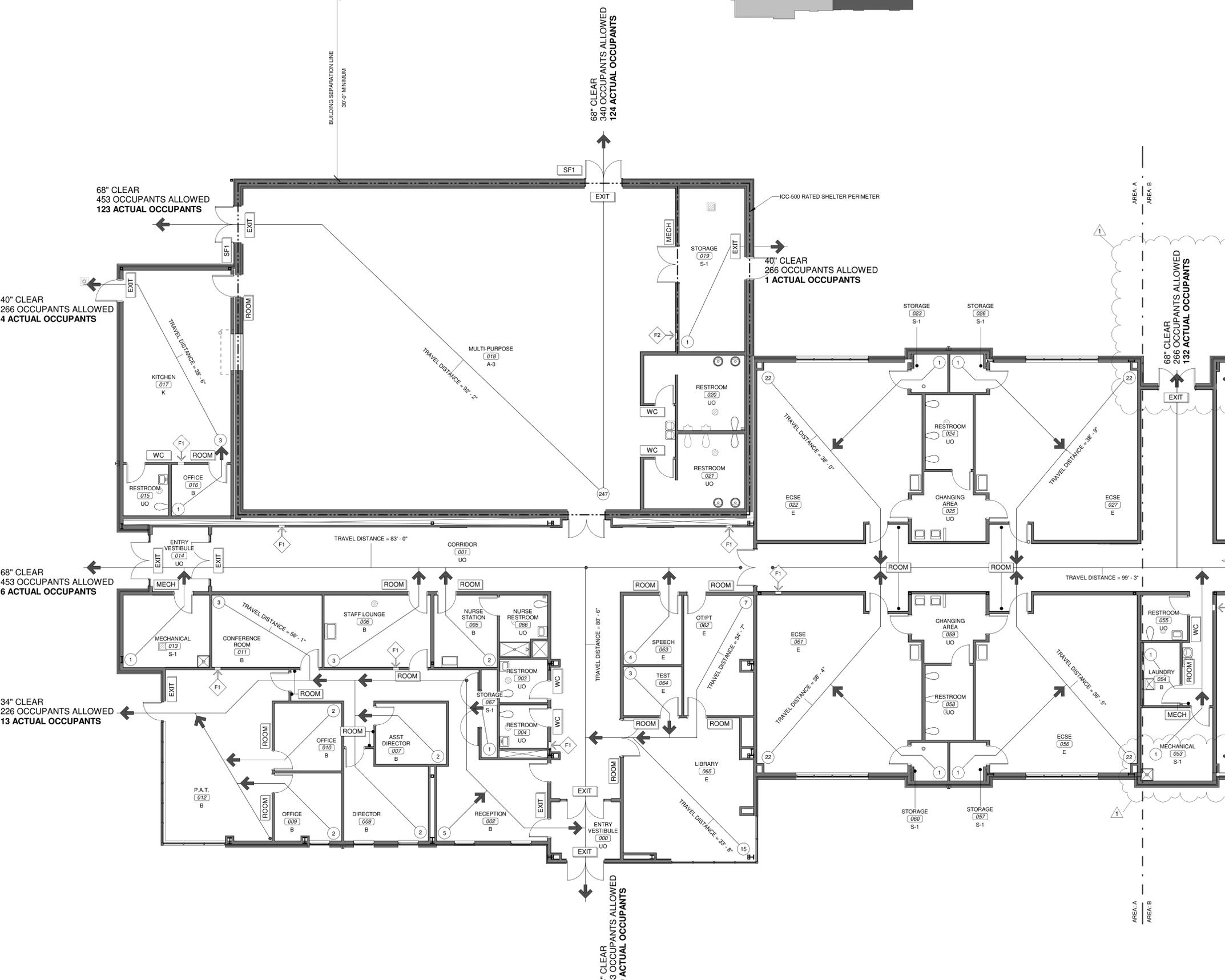
CHANGES TO THE DRAWINGS

- 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



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
 - NATIONAL ELECTRIC CODE (NEC)
 - 2010 ADAAG AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES
 - 2009 ANSI A117.1 GUIDELINES FOR ACCESSIBLE & USABLE BUILDINGS & 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 RAMP 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 1016.6 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)

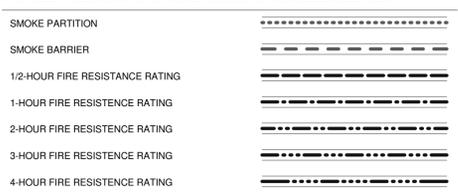
| | |
|------------------------------|---|
| WATER CLOSETS REQUIRED: | 11 REQUIRED (1 PER 50 OCCUPANTS) 27 PROVIDED |
| LAVATORIES REQUIRED: | 11 REQUIRED (1 PER 50 OCCUPANTS) 29 PROVIDED |
| DRINKING FOUNTAINS REQUIRED: | 6 REQUIRED (1 PER 100 OCCUPANTS) (2) HIGH-LOW W/ BOTTLE FILLERS PROVIDED |
| SERVICE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

DEFERRED SUBMITTAL LIST

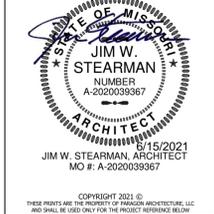
THE FOLLOWING LIST IS OF SUBMITTALS THAT THE DESIGN TEAM RECOGNIZES REQUIRE SUBMISSION TO THE AUTHORITY HAVING JURISDICTION FOR REVIEW THAT ARE NOT AVAILABLE BEFORE CONTRACTOR INVOLVEMENT AND/OR CREATION. THE FOLLOWING WILL BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION FOR REVIEW BEFORE CONSTRUCTION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

- AUTOMATIC FIRE SUPPRESSION SYSTEM
- PRE-ENGINEERED METAL BUILDING

FIRE RESISTANCE RATING LEGEND



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



PARAGON ARCHITECTURE
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 PH: 417.885.0002
 www.paragonarchitecture.com

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

Go-1 MARSHFIELD EARLY CHILDHOOD CENTER
 AREA A CODE PLAN
 PROJECT NUMBER: 20-602
 DATE: 2021.06.09

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

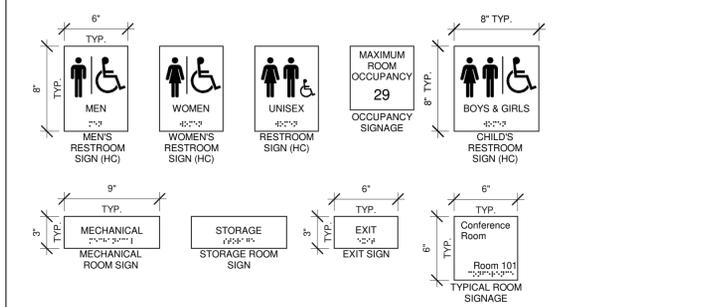
BEE
 CS: KMW
 RMM, PY
 CHECKED BY:

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SIGNAGE LEGEND

SIGNAGE GENERAL NOTES

- PROVIDE THE FOLLOWING SIGNS AT ALL INTERIOR ROOMS WITHIN PROJECT EXTENTS, TYPICAL.
- 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.
- PROVIDE TACTILE EXIT SIGNAGE AT EACH EXIT DOOR COMPLIANT W/ IBC 2012 1011.6 AND ANSI 117.1-2009, CHAPTER 7, SECTION 703.
- COLOR OF SIGNAGE TO BE SELECTED BY ARCHITECT PRIOR TO FABRICATION FROM MANUFACTURER FULL LINE OF COLORS (12 COLORS MINIMUM)
- SIGNS SHALL BE ONE PIECE CONSTRUCTION WITH THE EXCEPTION OF APPLIED VINYL LETTERS & CHARACTERS.
- ALL SIGNAGE SHALL BE ADA/ANSI COMPLIANT.
- ALL SIGNAGE TO BE 1/8" THICK COLORED ACRYLIC WITH COLORED MATTE FINISH & POLISHED/FINISHED EDGES.
- CHARACTERS TO BE CUT VINYL APPLIED - COLOR TO BE SELECTED BY OWNER/ARCHITECT.
- LETTERS TO BE 3/4" CUT VINYL APPLIED - FONT & COLOR TO BE SELECTED BY OWNER/ARCHITECT. ROOM DESIGNATION PROVIDED BY OWNER.
- RAISED BRAILLE CHARACTERS PROVIDED BY SIGN SUPPLIER.
- SEE FLOOR PLANS & EQUIPMENT SCHEDULES FOR LOCATIONS OF VINYL APPLIED LETTERING.
- SEE SPECIFICATIONS FOR MORE INFORMATION.
- 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 | 123 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 | 646 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 | 638 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 | 2 |
| 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

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-S', 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 SEPERATION 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 RAMP AND EXIT PASSAGEWAYS: B
 CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMP: B
 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 1016.6 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)

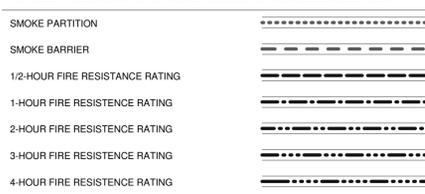
- WATER CLOSETS REQUIRED: 11 REQUIRED (1 PER 50 OCCUPANTS)
 27 PROVIDED
- LAVATORIES REQUIRED: 11 REQUIRED (1 PER 50 OCCUPANTS)
 29 PROVIDED
- DRINKING FOUNTAINS REQUIRED: 6 REQUIRED (1 PER 100 OCCUPANTS)
 (2) HIGH-LOW W/ BOTTLE FILTERS PROVIDED
- SERVICE SINKS REQUIRED: 1 REQUIRED PROVIDED

DEFERRED SUBMITTAL LIST

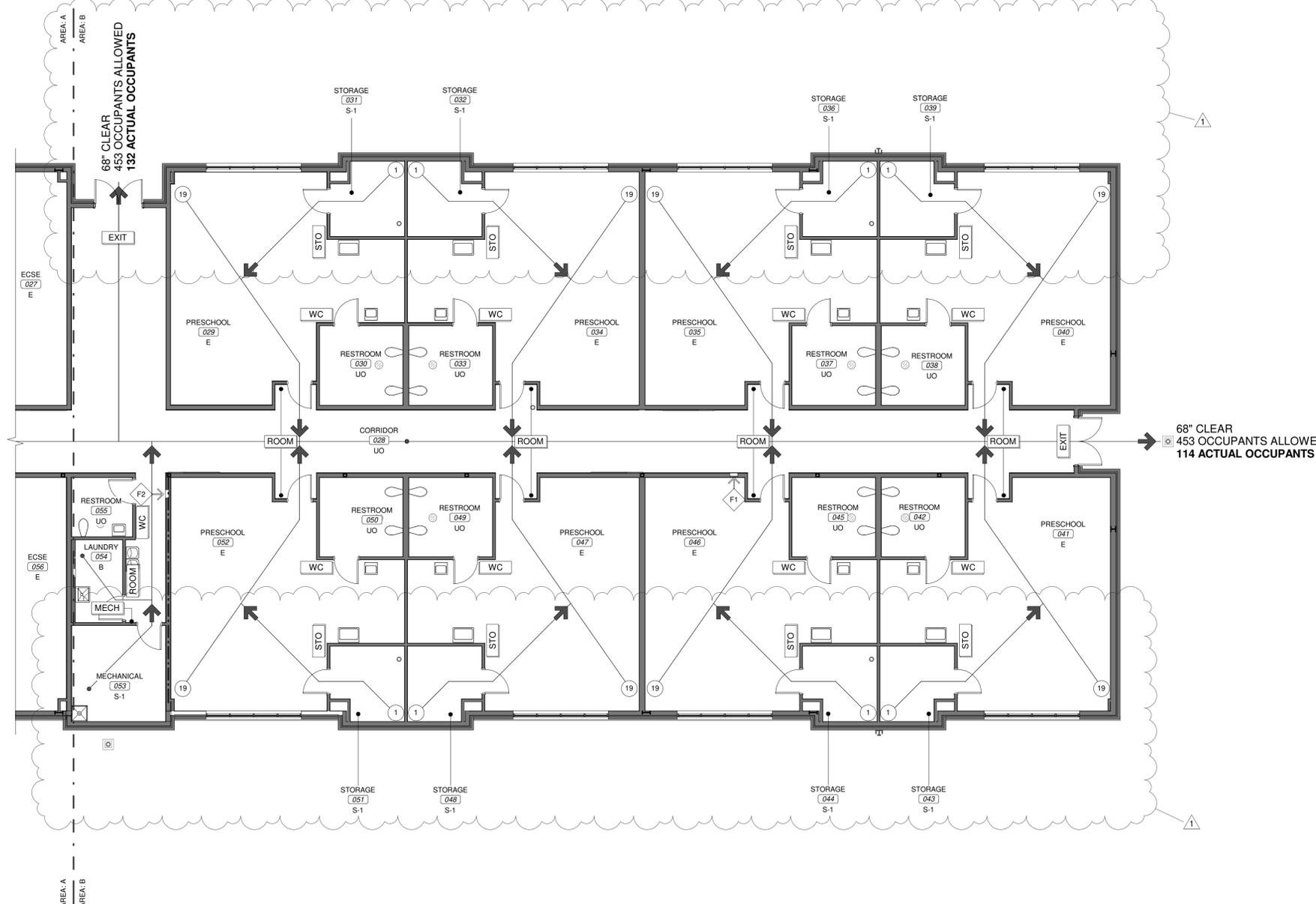
THE FOLLOWING LIST IS OF SUBMITTALS THAT THE DESIGN TEAM RECOGNIZES REQUIRE SUBMISSION TO THE AUTHORITY HAVING JURISDICTION FOR REVIEW THAT ARE NOT AVAILABLE BEFORE CONTRACTOR INVOLVEMENT AND/OR CREATION. THE FOLLOWING WILL BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION FOR REVIEW BEFORE CONSTRUCTION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

- AUTOMATIC FIRE SUPPRESSION SYSTEM
- PRE-ENGINEERED METAL BUILDING

FIRE RESISTANCE RATING LEGEND



AREA PLAN LEGEND



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



JIM W. STEARMAN, ARCHITECT
 MO # A-2002093967

THIS PRINT AND THE PROJECT INFORMATION SHALL BE USED ONLY FOR THE PROJECT REFERENCED BELOW.

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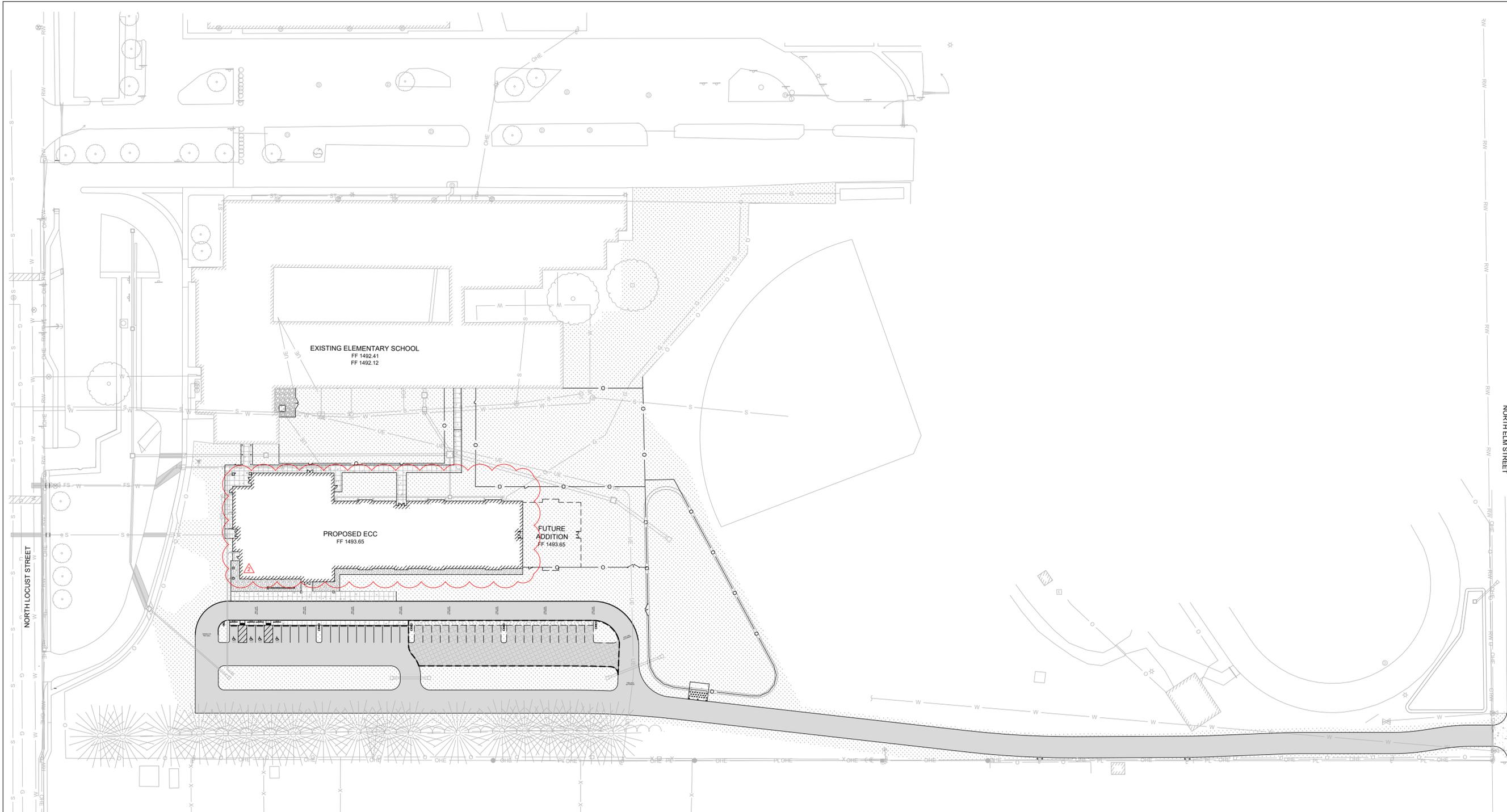
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 REVISION SCHEDULE
 1 ADD-01 2021.06.14

G0-2 MARSHFIELD EARLY CHILDHOOD CENTER
 AREA B CODE PLAN
 PROJECT NUMBER: 20-602
 DATE: 2021.06.09

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

BEE
 CS: KMW, DRWZ
 KMW, FY
 PROJECT ARCHITECT:
 DRAWN BY:
 CHECKED BY:

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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.
- = LANDSCAPING MULCH.
- = LAWN RESTORATION. INSTALL 4" OF TOPSOIL, SEED, & MULCH IN ACCORDANCE WITH PROJECT SPECIFICATIONS. EXTENTS SHOWN DO NOT NECESSARILY 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:

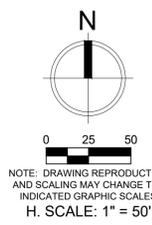
- PHASE 1:**
 CONSTRUCTION OF EARLY CHILDHOOD CENTER
 EARLY CHILDHOOD CENTER PARKING LOT & ACCESS ROAD
 SUMMER 2021
- PHASE 2:**
 DEMOLITION & CONSTRUCTION OF THE HUBBLE ELEMENTARY PARKING LOT
 SUMMER 2022

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



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1 PERMIT REVIEW 06/10/2021
 2 ADDENDUM 01 06/16/2021



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

PROJECT NUMBER:
20-602

DATE:
 06/02/2021

PROJECT ARCHITECT:
 BEE

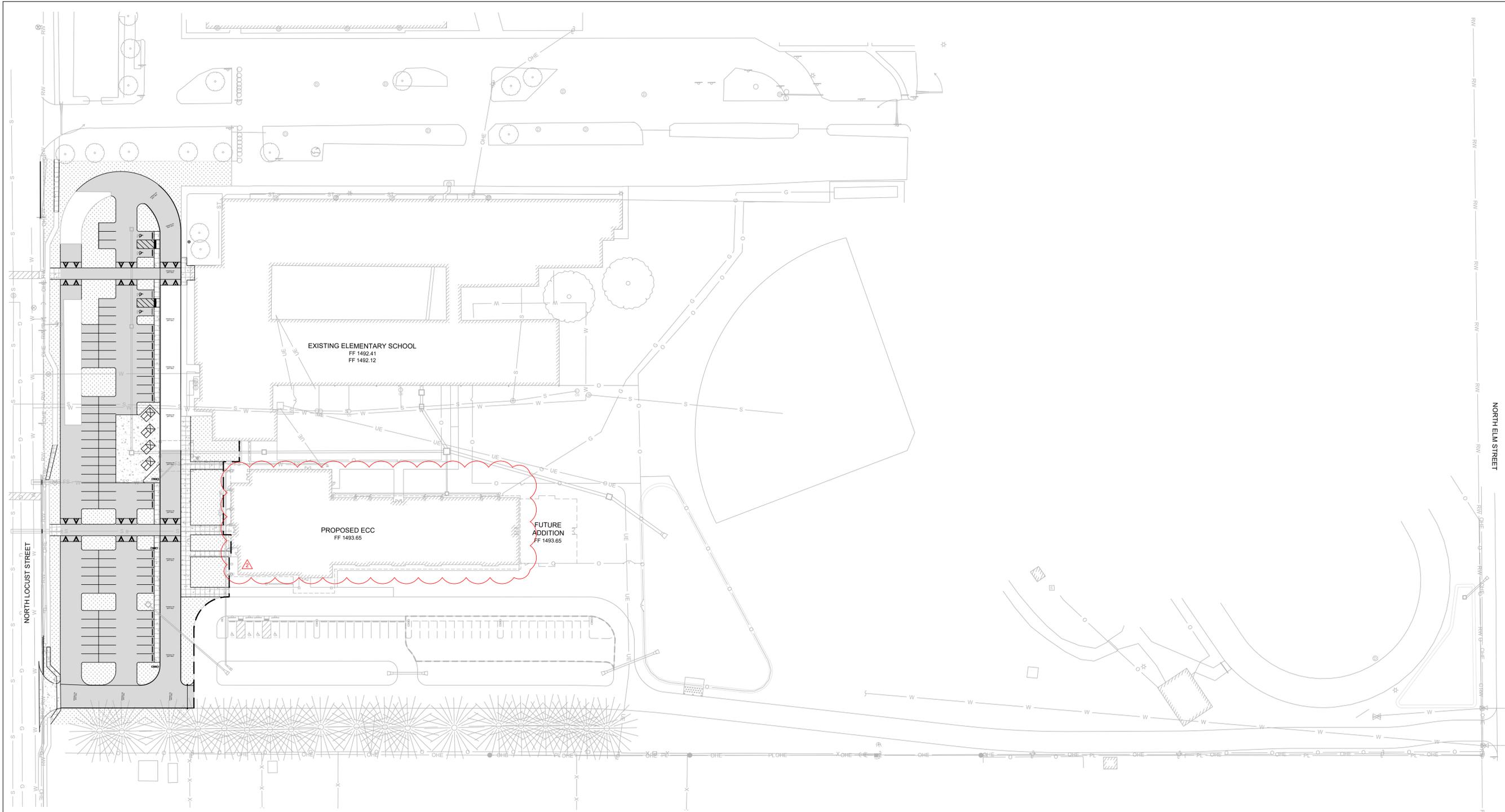
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 LMB

CHECKED BY:
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PHASING SCHEDULE:

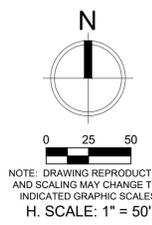
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 EARLY CHILDHOOD CENTER PARKING LOT & ACCESS ROAD
 SUMMER 2021
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 DEMOLITION & CONSTRUCTION OF THE HUBBLE ELEMENTARY PARKING LOT
 SUMMER 2022

PARKING SCHEDULE:

ZONING ORDINANCE 410.110.4:

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 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



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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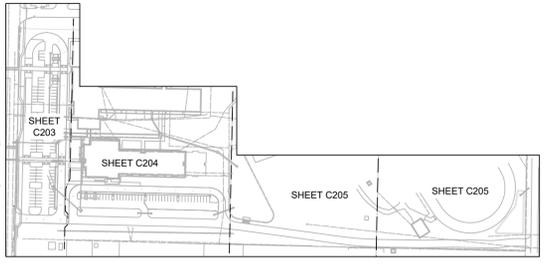
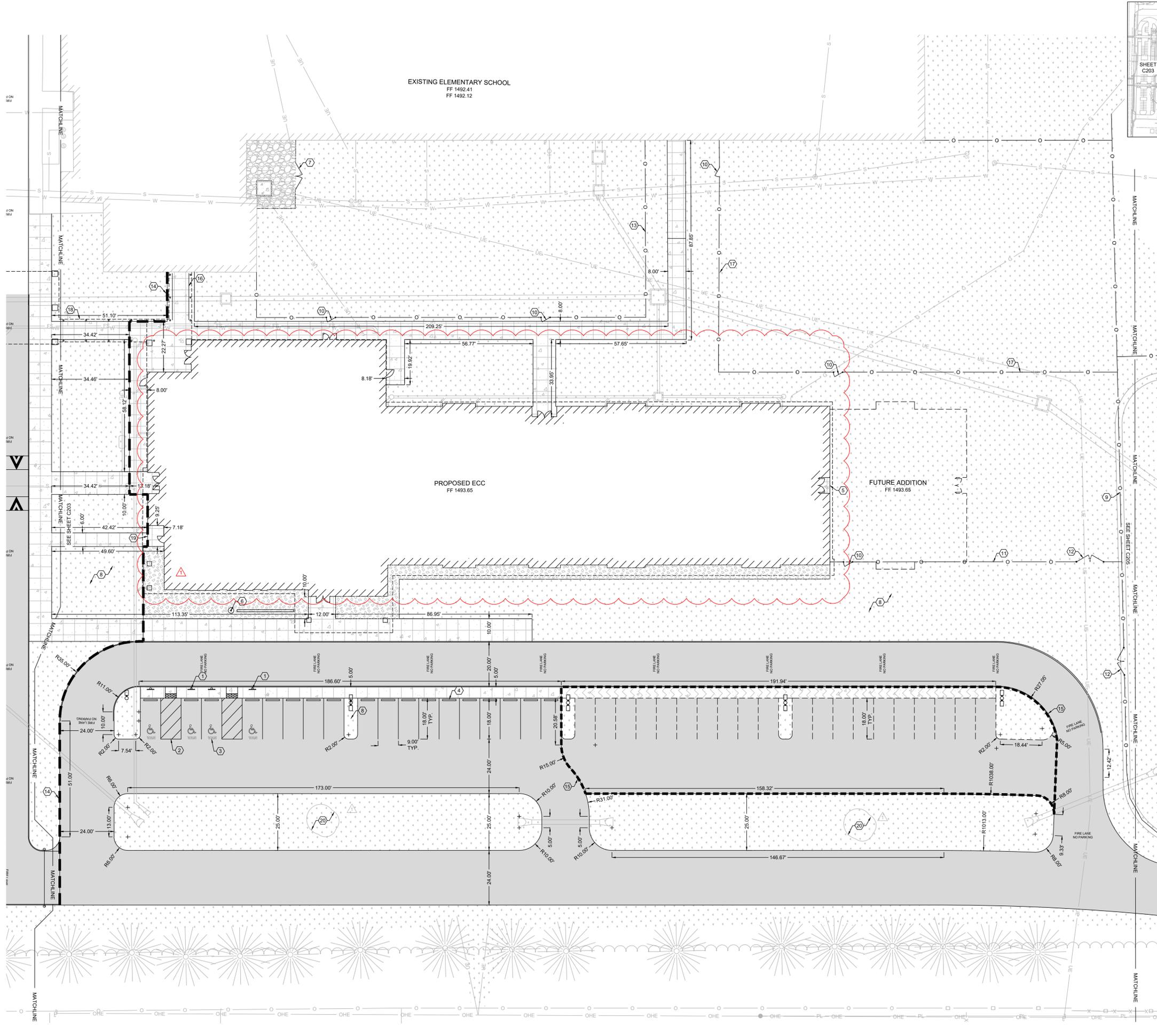
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1 PERMIT REVIEW 06/10/2021
2 ADDENDUM 01 06/16/2021

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PROJECT DESCRIPTION: **C204 MARSHFIELD ECC**
SITE PLAN - PHASE ONE
PROJECT NUMBER: 20-602
DATE: 06/02/2021
DRAWN BY: BEE
CHECKED BY: MSM



OVERALL KEY MAP
SCALE: 1" = 250'

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 NECESSARILY 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:

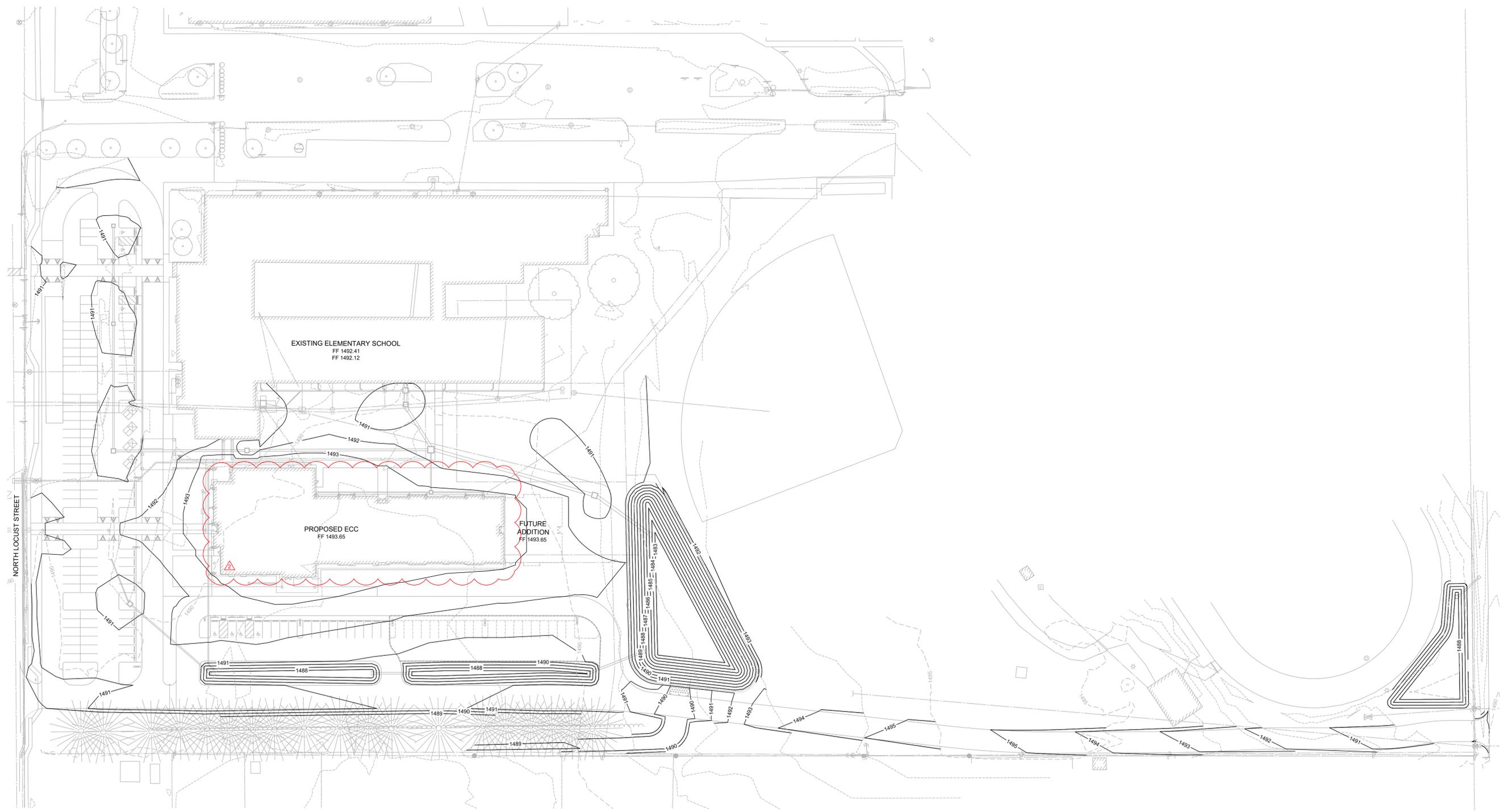
- 1 ADA ACCESSIBLE SIGN, PER DETAIL SHEET C701. TYPICAL. ALL STALLS ARE VAN ACCESSIBLE.
- 2 4" SOLID BLUE PAVEMENT MARKINGS FOR ACCESSIBLE PARKING STALLS, TYPICAL.
- 3 BLUE PAINTED ADA ACCESSIBLE PARKING SYMBOL, PER DETAIL SHEET C701, TYPICAL. INCLUDE "VAN" LETTERING AS SHOWN.
- 4 CONCRETE WHEEL STOP, 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.



0 10 20
NOTE: DRAWING REPRODUCTION AND SCALING MAY CHANGE THE INDICATED GRAPHIC SCALES
H. SCALE: 1" = 20'



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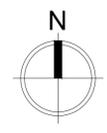
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 H. SCALE: 1" = 50'

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C301 MARSHFIELD ECC GRADING PLAN
 PROJECT NUMBER: 20-602
 DATE: 06/02/2021
 PROJECT ARCHITECT: BEE
 DRAWN BY: LMB
 CHECKED BY: MSM

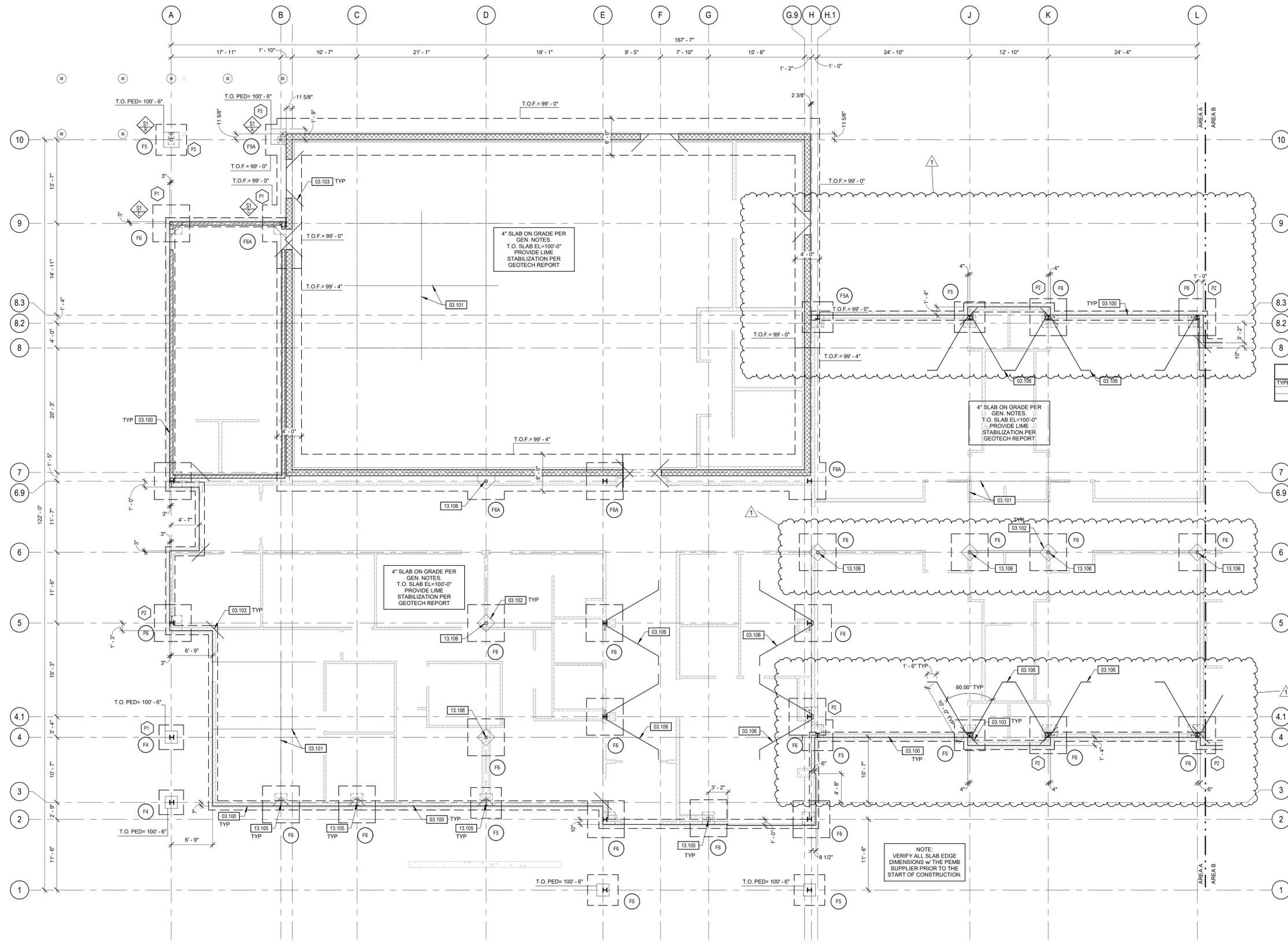
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PH: 417.885.0002
www.paragonarchitecture.com



- 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" DOWELS @ 16" O.C. MAX. GREASE ONE END.
 5. ALL TOP OF EXTERIOR FOOTING ELEVATIONS ARE 97'-0".
 6. ALL TOP OF INTERIOR FOOTING ELEVATIONS ARE 99'-0" U.N.O.
 7. ALL TOP OF GRADE BEAM ELEVATIONS ARE 99'-0" U.N.O.
 8. ALL BOTTOM OF GRADE BEAM ELEVATIONS ARE 97'-0" U.N.O.
 9. ALL TOP OF PEDESTAL ELEVATIONS ARE 99'-0" U.N.O.
 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" CMU WALL.
- HATCH INDICATES 800S162-43 STUDS @ 16" O.C. W/ BRIDGING @ 48" O.C.

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 | 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. |

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 HARRIS 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. |

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

REVISIONS

| NO. | DESCRIPTION | DATE |
|-----|-------------|-----------|
| 1 | AD 01 | 6/15/2021 |



J&M ENGINEERING, LLC
3045 S. KANSAS EXPRESSWAY
SPRINGFIELD, MO 65807
PHONE: 417-708-9315
NO CERTIFICATE OF AUTHORITY
No: E-2011011004

PROJECT DESCRIPTION: MARSHFIELD ECC FOUNDATION PLAN-AREA A
PROJECT NUMBER: 20-602
DATE: 06/09/2021
DRAWN BY: CHARLES M. TAYLOR
CHECKED BY: FEM CMT
600 N. Locust St., Marshfield, MO 65706
PROJECT ENGINEER: CHARLES M. TAYLOR
FEM CMT
BIM 360/Marshfield ECC #20-602/SS-STRU-ECC_R19_CLOUD.rvt

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CHARLES M. TAYLOR, PE
 LICENSE NO. PE-2017014241
 MISSOURI PROFESSIONAL ENGINEER
 06/15/2021
 THESE PRINTS ARE THE PROPERTY OF PARAGON ARCHITECTURE AND SHALL BE USED ONLY FOR THE PROJECT REFERENCED BELOW.

MISSOURI STATE CERTIFICATE OF AUTHORITY #20100011425
PARAGON ARCHITECTURE
 637 COLLEGE STREET, SPRINGFIELD, MO 65806
 PH: 417.865.0002
 www.paragonarchitecture.com

- PLAN NOTES - FOUNDATION**
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 2. WHERE ONLY ONE CURTAIN OF REINFORCING IS REQUIRED BARS SHALL BE CENTERED IN WALL.
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 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.
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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) #6s 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 | 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. |

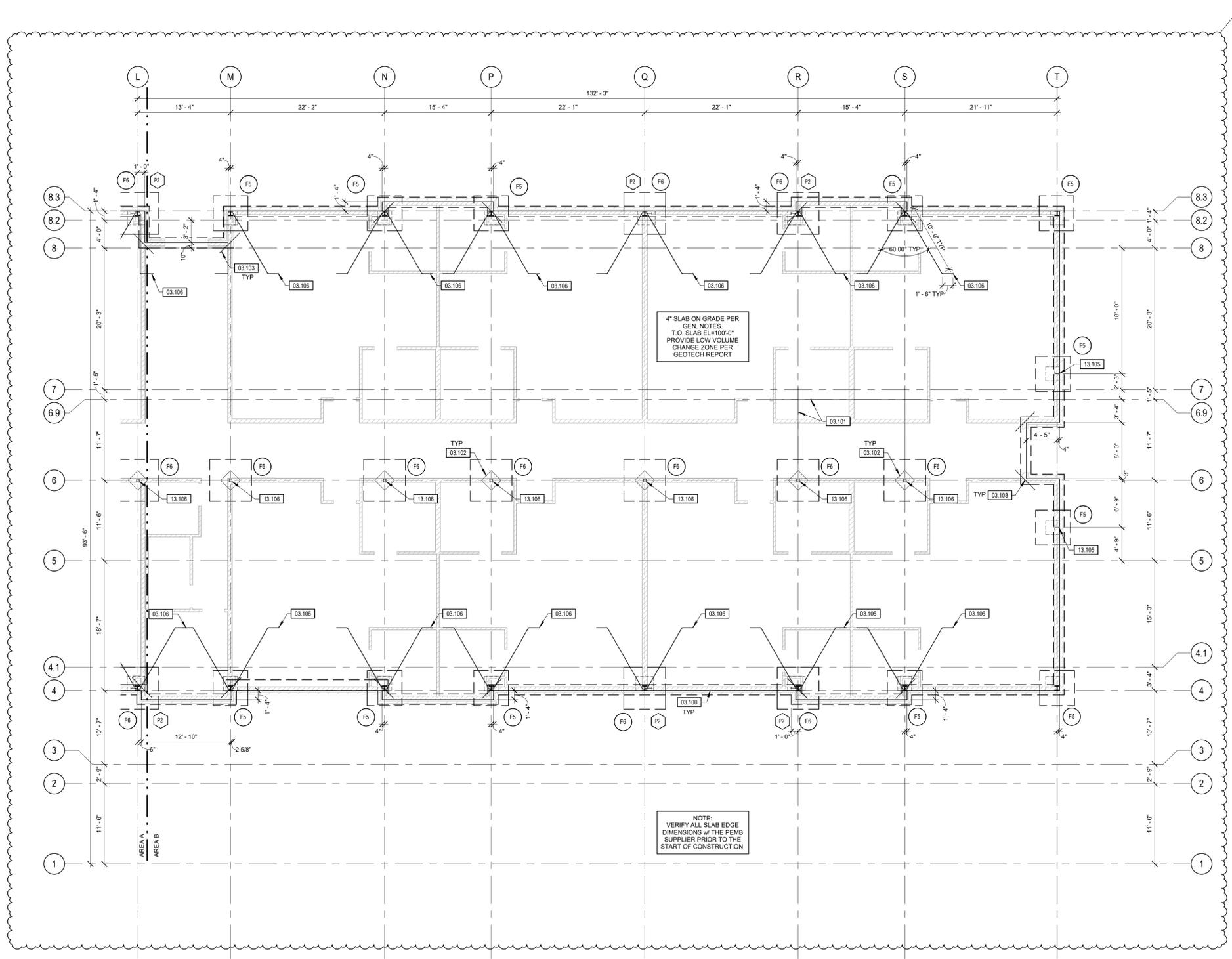
PEDESTAL SCHEDULE

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. |
| 13.105 | EXPANDABLE ENDWALL FRAME BY PEMB SUPPLIER. |
| 13.106 | 6" MAX. HSS COLUMN BY PEMB SUPPLIER. |



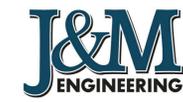
4" SLAB ON GRADE PER GEN. NOTES. T.O. SLAB EL=100'-0". PROVIDE LOW VOLUME CHANGE ZONE PER GEOTECH REPORT

NOTE: VERIFY ALL SLAB EDGE DIMENSIONS w/ THE PEMB SUPPLIER PRIOR TO THE START OF CONSTRUCTION.

REVISIONS

| NO. | DESCRIPTION | DATE |
|-----|-------------|-----------|
| 1 | AD 01 | 6/15/2021 |

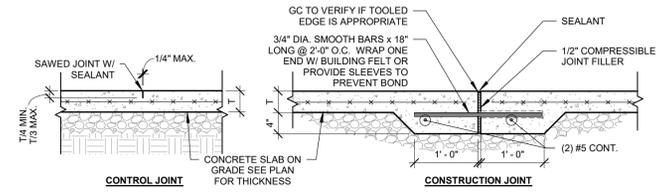
1 FOUNDATION PLAN-AREA B
 1/8" = 1'-0"



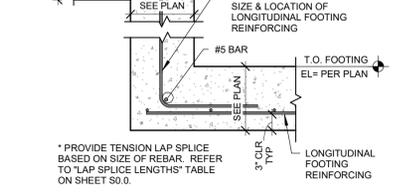
J&M ENGINEERING, LLC
 3045 S. KANSAS EXPRESSWAY
 SPRINGFIELD, MO 65807
 PHONE: 417-708-9315
 MISSOURI STATE CERTIFICATE OF AUTHORITY
 NO: E-2011011004

PROJECT NUMBER: **S1-2 MARSHFIELD ECC FOUNDATION PLAN-AREA B**
 PROJECT NUMBER: **20-602**
 DATE: 06/09/2021
 PROJECT DESCRIPTION: 600 N. Locust St., Marshfield, MO 65706
 PROJECT ENGINEER: CHARLES M. TAYLOR
 DRAWN BY: FEM
 CHECKED BY: CMT
 BIM 360://Marshfield ECC #20-602/SS-STRU-ECC_R19_CLOUD.rvt

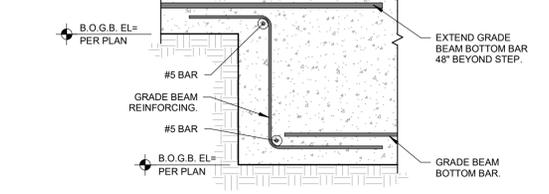
1 CONCRETE SLAB JOINTS
 3/4" = 1'-0"



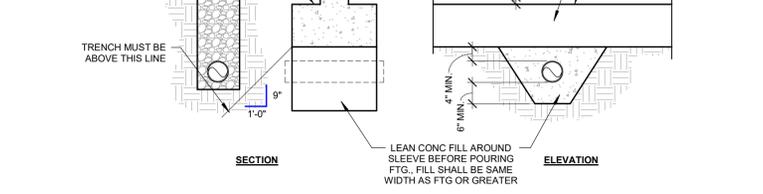
2 TYPICAL STEP FOOTING
 3/4" = 1'-0"



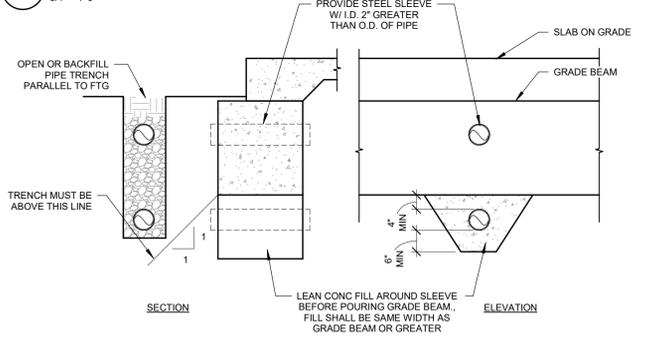
3 TYPICAL STEP AT BOTTOM OF GRADE BEAM
 3/4" = 1'-0"



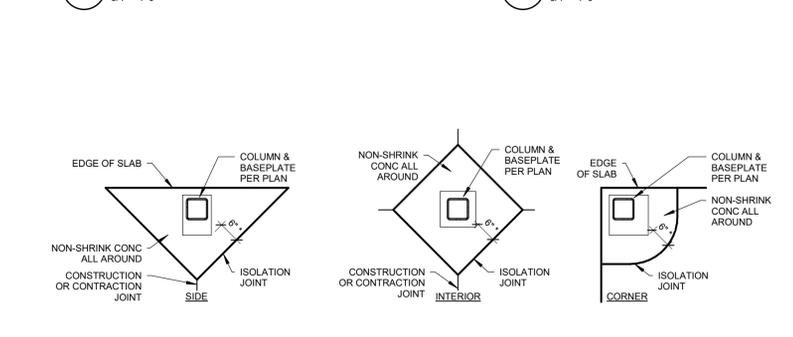
4 PIPE PENETRATION DETAIL AT CMU
 1/2" = 1'-0"



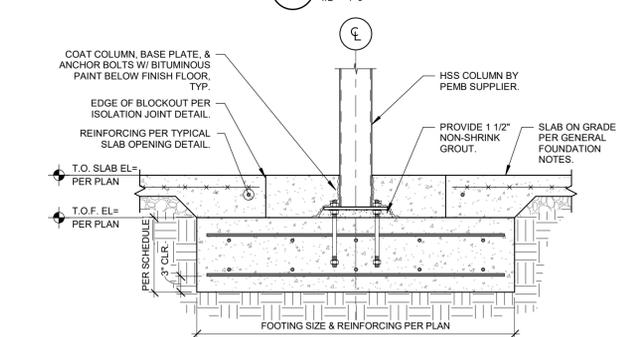
5 PIPE PENETRATION DETAIL AT GRADE BEAM
 1/2" = 1'-0"



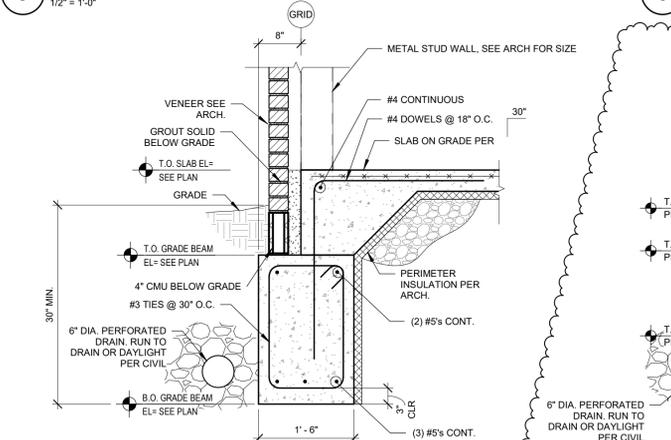
6 ISOLATION JOINT DETAILS
 1/2" = 1'-0"



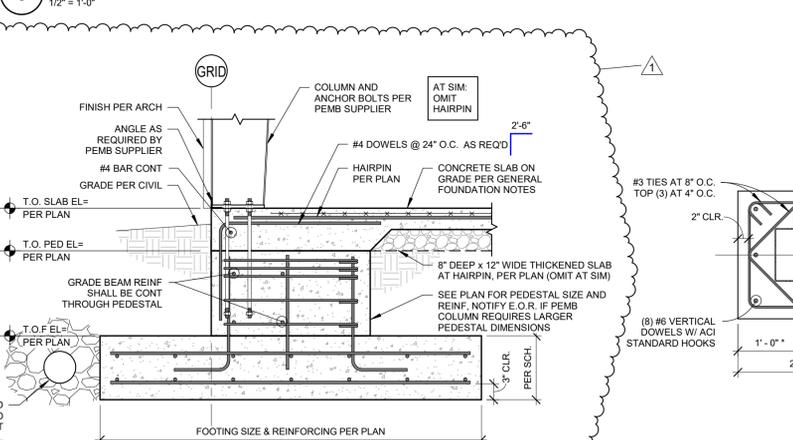
7 SECTION AT INTERIOR COLUMN
 3/4" = 1'-0"



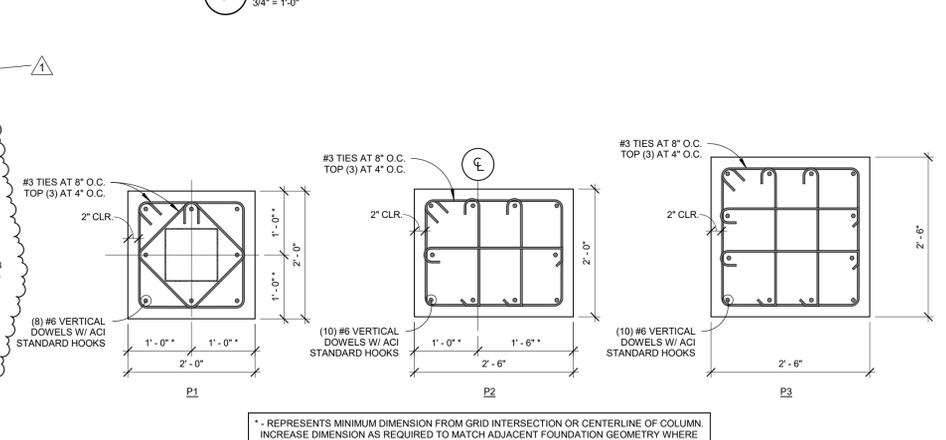
8 GRADE BEAM AT STUD WALL
 3/4" = 1'-0"



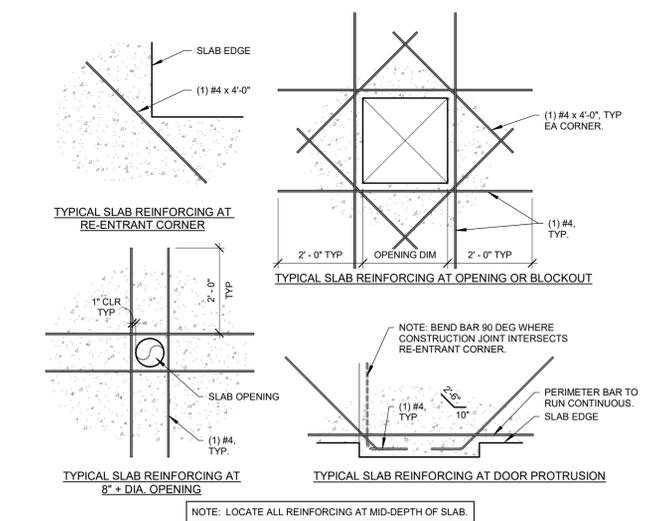
9 FOUNDATION AT METAL BUILDING COLUMN
 3/4" = 1'-0"



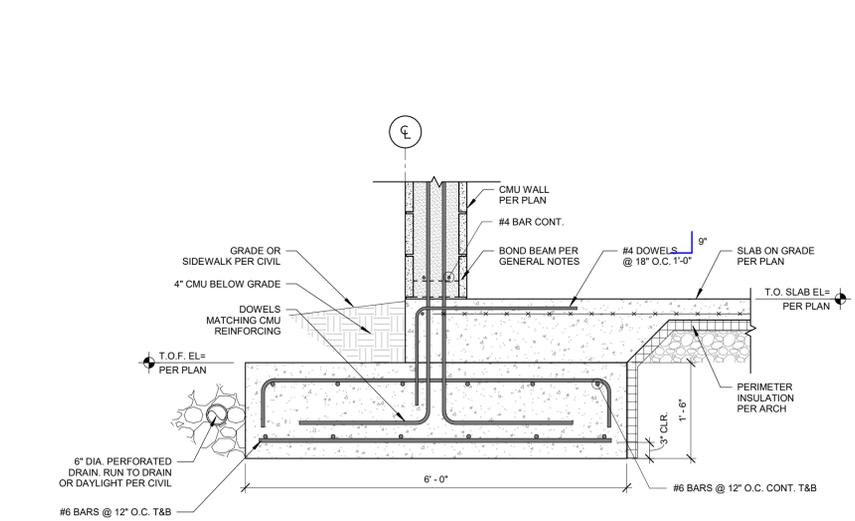
10 PEDESTAL DETAIL
 3/4" = 1'-0"



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



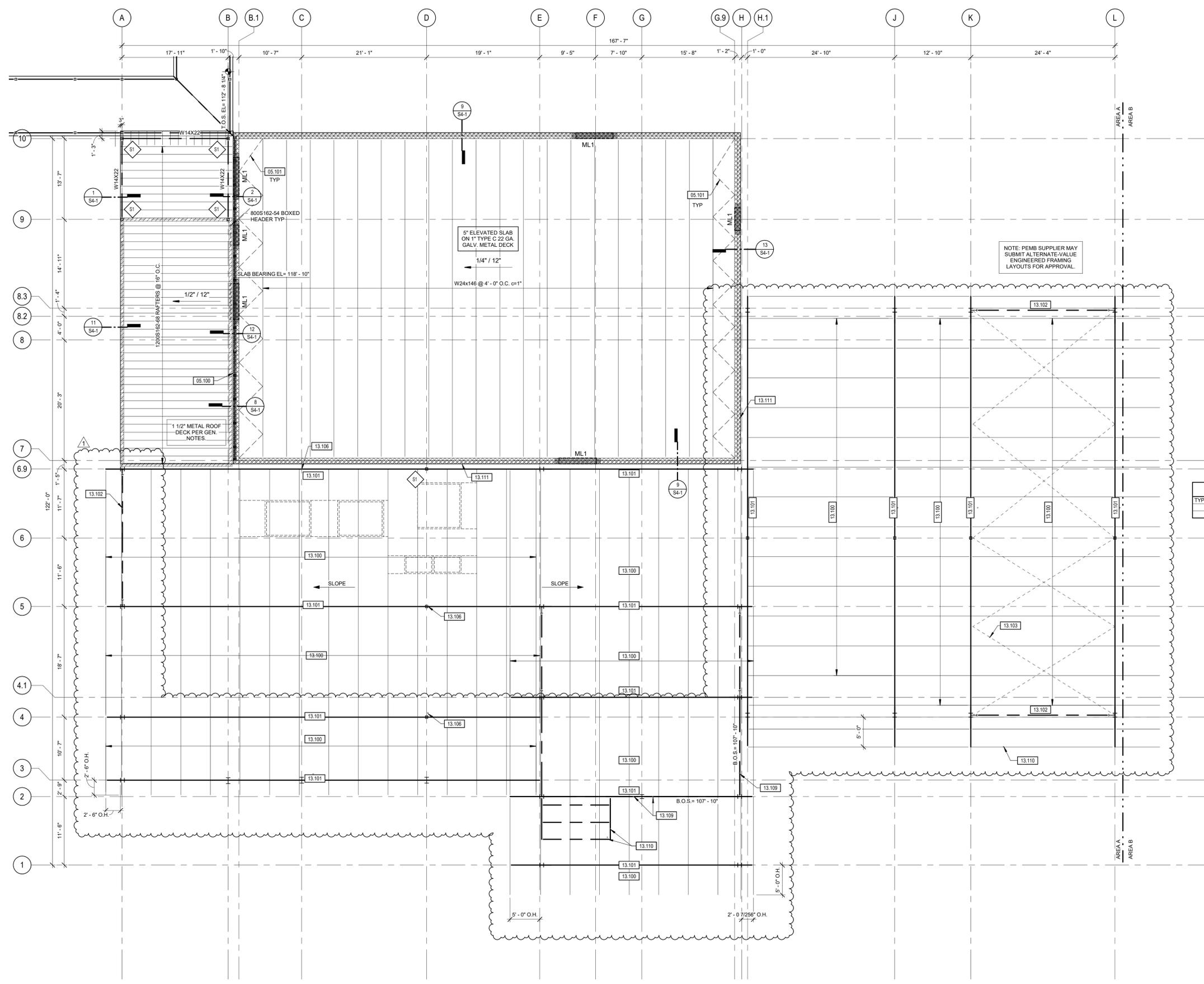
12 GRADE BEAM AT CMU
 3/4" = 1'-0"



| REVISIONS | | |
|-----------|-------|-----------|
| 1 | AD 01 | 6/15/2021 |



J&M ENGINEERING, LLC
 3045 S. KANSAS EXPRESSWAY
 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 800S162-54 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 LEGEND

| 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

| NO. | DESCRIPTION | DATE |
|-----|-------------|-----------|
| 1 | AD 01 | 6/15/2021 |

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



J&M ENGINEERING, LLC
 3045 S. KANSAS EXPRESSWAY
 SPRINGFIELD, MO 65807
 PHONE: 417-708-9315
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S3-1 MARSHFIELD ECC
ROOF FRAMING PLAN-AREA A
 PROJECT NUMBER:
20-602
 DATE:
 06/09/2021
 PROJECT DESCRIPTION:
 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



CHARLES M. TAYLOR, PE
 PE No. 2017014241
 MISSOURI PROFESSIONAL ENGINEER
 06/15/2021

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MISSOURI STATE CERTIFICATE OF AUTHORITY #20100011425
PARAGON ARCHITECTURE
 637 COLLEGE STREET, SPRINGFIELD, MO 65806
 PH: 417.885.0002
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PROJECT DESCRIPTION:
S3-2 MARSHFIELD ECC ROOF FRAMING PLAN-AREA B
 PROJECT NUMBER:
20-602
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 06/09/2021
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 FEM
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 - 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

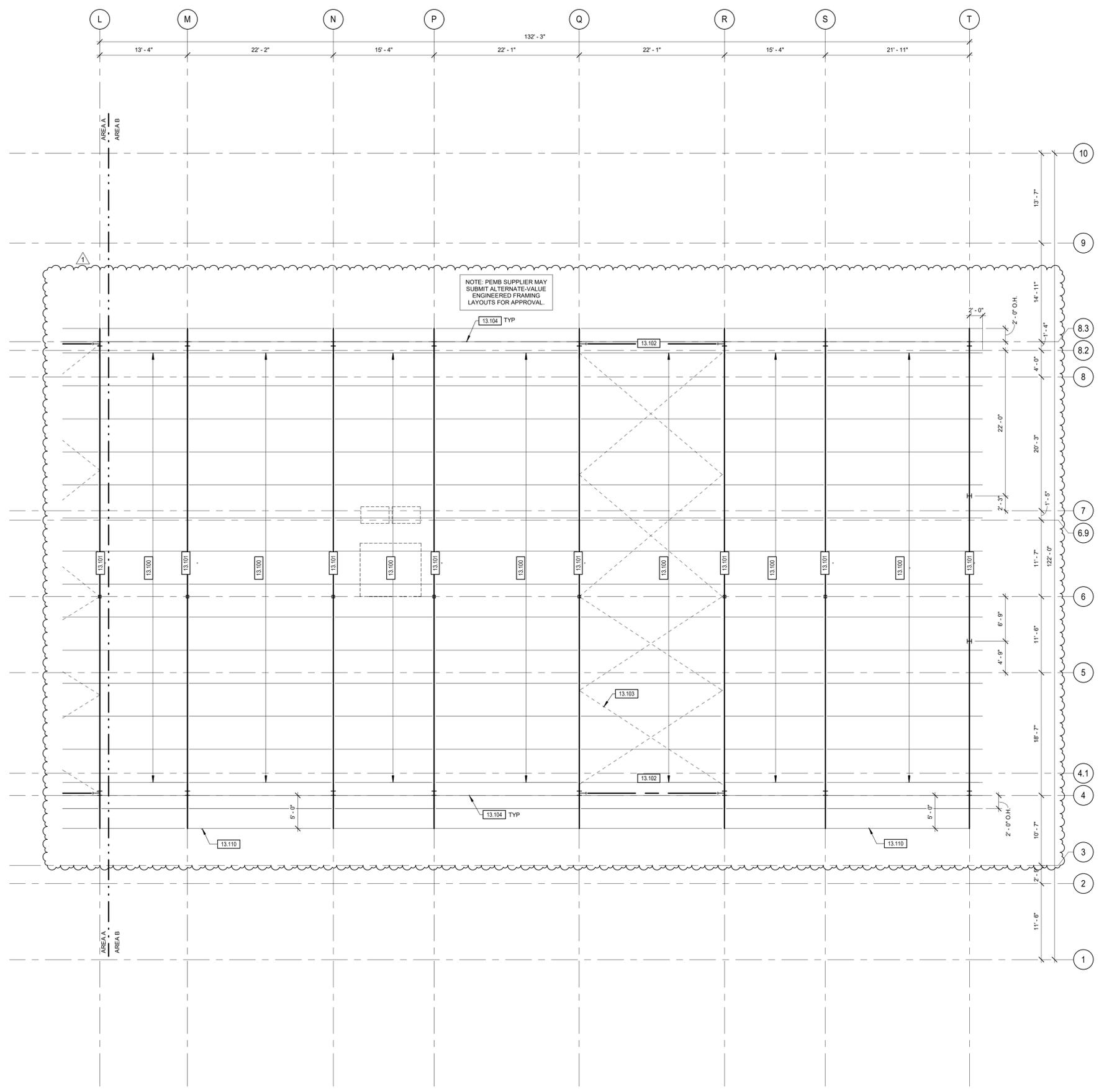
| | |
|--|--|
| | - HATCH INDICATES 12" CMU WALL. |
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COLUMN SCHEDULE

| TYPE MARK | COLUMN SIZE | BASE PLATE SIZE | ANCHOR BOLT SIZE | NOTES |
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| S1 | HSS5X5X5/16 | 3/4"x12"x12" | 3/4" DIA. | U.N.O. |
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KEYNOTE LEGEND

| KEYNOTE | DESCRIPTION |
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| 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. |
| 13.104 | EAVE STRUT/WIND BEAM BY PEMB SUPPLIER. |
| 13.110 | CANOPY BY PEMB SUPPLIER. |



REVISIONS

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1 ROOF FRAMING PLAN-AREA B
 1/8" = 1'-0"

EXTERIOR WALL SCHEDULE

| 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" O.C. 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" O.C. 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 | PREFINISHED 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" O.C. 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 | PREFINISHED 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 | PREFINISHED 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 DESCRIPTION | WIDTH | UL RATING | STC | SOUND BATT |
|-------|--|--------|-----------|-----|------------|
| 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

| | |
|------------|----------------------------|
| 08.3100.01 | CHASE ACCESS PANEL |
| 10.4400.01 | FIRE EXTINGUISHER CABINET |
| 10.7500.01 | FLAGPOLE, DELEGATED DESIGN |



JIM W. STEARMAN, ARCHITECT
MO # A-2020039367

MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415

PARAGON ARCHITECTURE
637 COLLEGE STREET, SPRINGFIELD, MO 65806
PH: 417.885.0002
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REVISION SCHEDULE
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:
CS. KMW

CHECKED BY:
BEE

600 N Locust St. Marshfield, MO 65706

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 "A" 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.

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 OPENINGS 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 DETAIL (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:

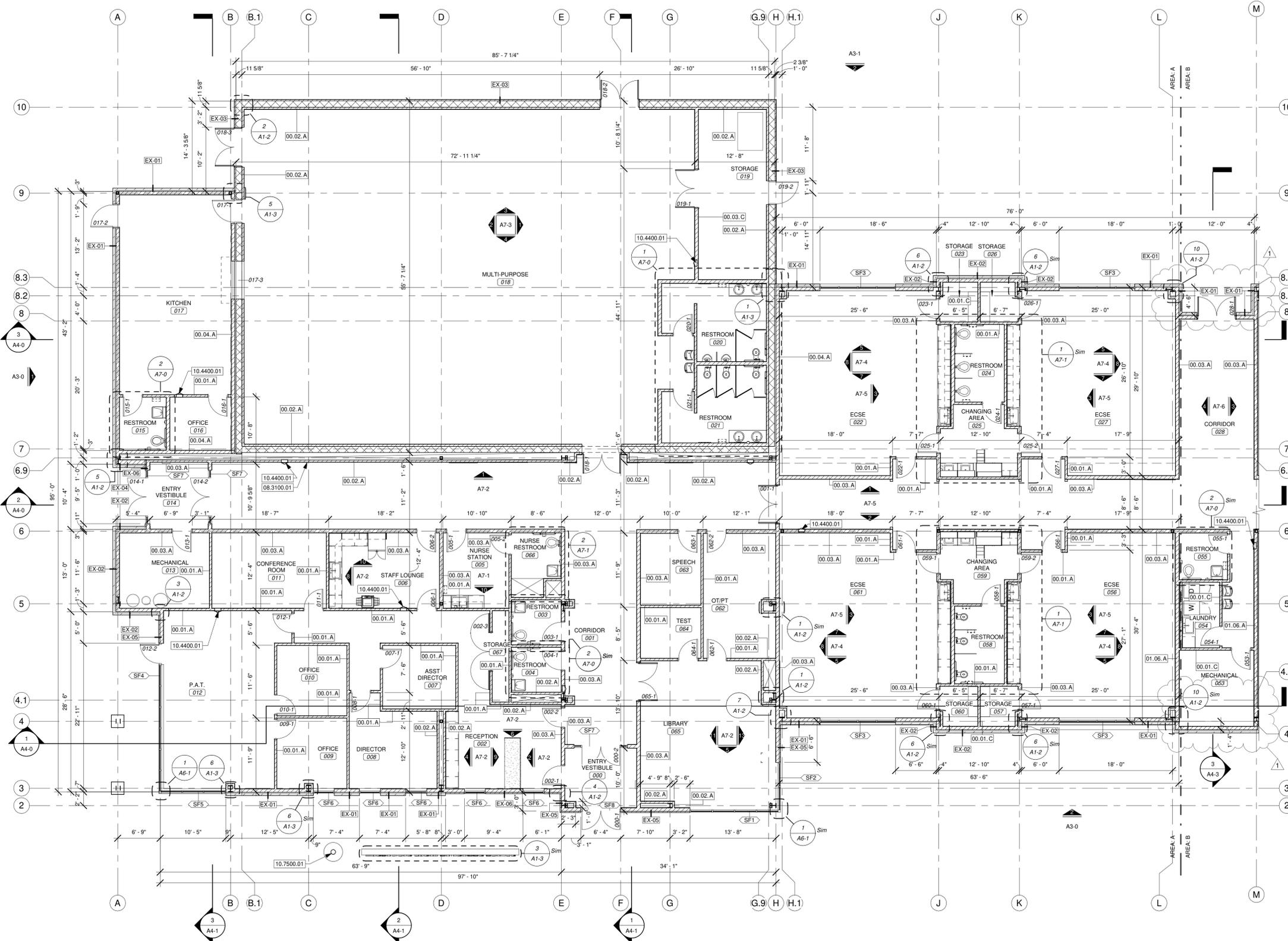
XX.XX.X

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

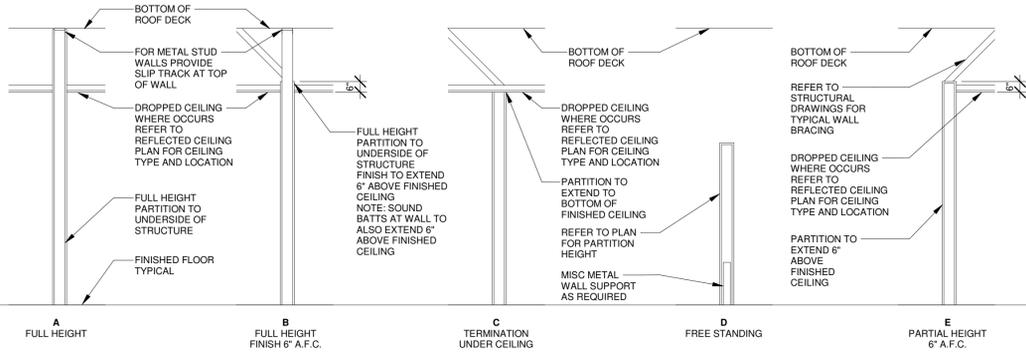
AREA PLAN LEGEND



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

THIS WORK IS PROTECTED UNDER U.S. COPYRIGHT LAW AND THE ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990. FAILURE TO CREDIT PARAGON ARCHITECTURE FOR THE USE OF THESE DRAWINGS AS GOVERNED BY THE TERMS OF THE CLIENT-ARCHITECT AGREEMENT (CONTRACT ON FILE), OR 5% OF THE COST OF CONSTRUCTION MINIMUM IF CONTRACT IS IMPLIED (USE OF THESE DOCUMENTS CREATES AN IMPLIED CONTRACT), SHALL BE CONSIDERED SUBSTANTIAL NON-PERFORMANCE AND CONSTITUTES A BREACH OF CONTRACT AND RESULTS IN THE LOSS OF PERMISSION TO USE THESE DOCUMENTS FOR ANY PURPOSE, BY ANYONE. USE OF THESE DOCUMENTS AFTER FAILURE TO CREDIT ARCHITECT CONSTITUTES COPYRIGHT INFRINGEMENT. A SERVICE FEE OF 1.5% WILL BE CHARGED PER MONTH ON THE UNPAID BALANCE. THE USER OF THESE DRAWINGS SHALL PAY ALL COSTS OF COLLECTION, INCLUDING ATTORNEY'S FEES.

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 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-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 DESCRIPTION | WIDTH | UL RATING | STC | SOUND BATT |
|-------|--|--------|-----------|-----|------------|
| 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

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.
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- 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.
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- CONTRACTOR SHALL COORDINATE WALL FRAMING ABOVE FINISHED CEILING 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 / BRACINGS 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.
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- 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:

xx.xx.x

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

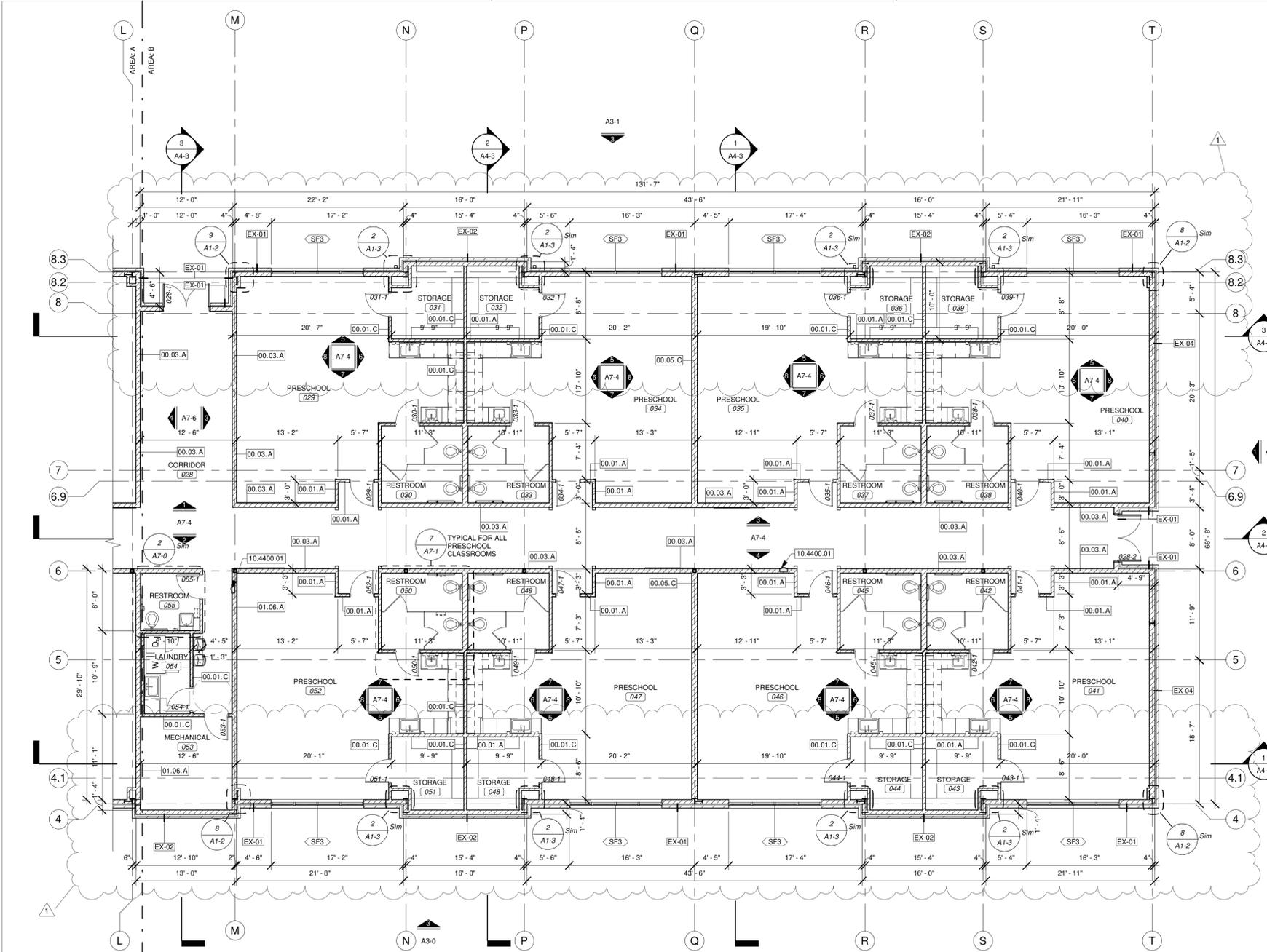
PARTITION TYPE
REFER TO DESCRIPTION IN PARTITION TYPE SCHEDULE

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.
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- 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



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



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

MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415

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PH: 417.885.0002
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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 DESCRIPTION: 600 N Locust St, Marshfield, MO 65706
BEE CS, KMW RKM, PY
PROJECT ARCHITECT: BEE CS, KMW RKM, PY
DRAWN BY: CS, KMW RKM, PY
CHECKED BY: RKM, PY

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JIM W. STEARMAN, ARCHITECT
MO # : A-2020039367

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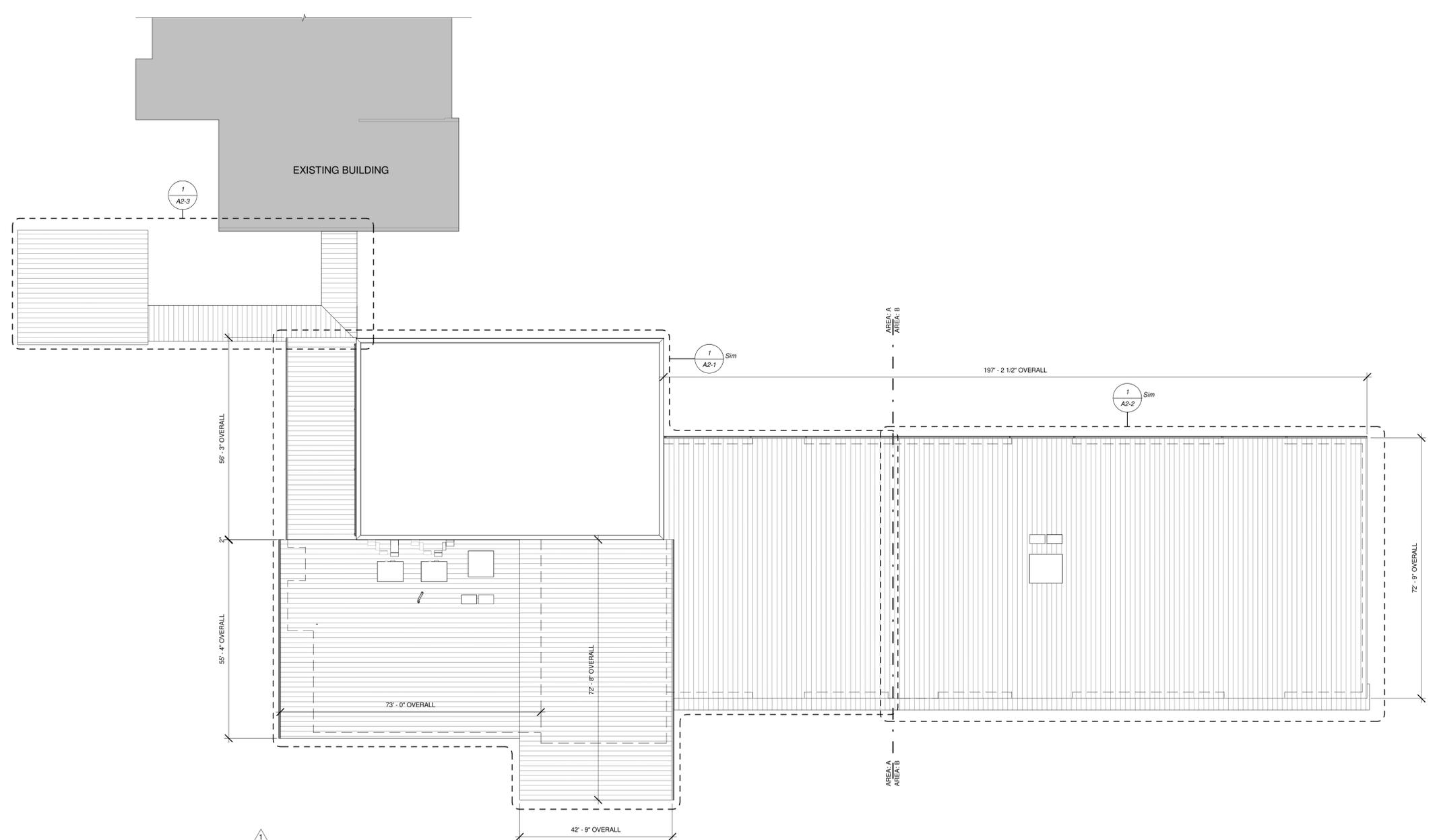
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PARAGON
ARCHITECTURE
637 COLLEGE STREET, SPRINGFIELD, MO 65806
PH: 417.885.0002
www.paragonarchitecture.com

REVISION SCHEDULE
1 ADD-01 2021.06.14

PROJECT DESCRIPTION:
A2-0 MARSHFIELD EARLY CHILDHOOD CENTER
OVERALL ROOF PLAN
600 N Locust St, Marshfield, MO
PROJECT NUMBER:
20-602
DATE:
2021.06.09
PROJECT ARCHITECT: BEE
DRAWN BY: CS, KMW, DRW2
CHECKED BY: KMW, PY

KEYNOTE LEGEND

AREA PLAN LEGEND



1 OVERALL ROOF PLAN
SCALE 1/16" = 1'-0"

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| 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 | OVERLAP 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. |



JIM W. STEARMAN, ARCHITECT
MO # A-2020039367

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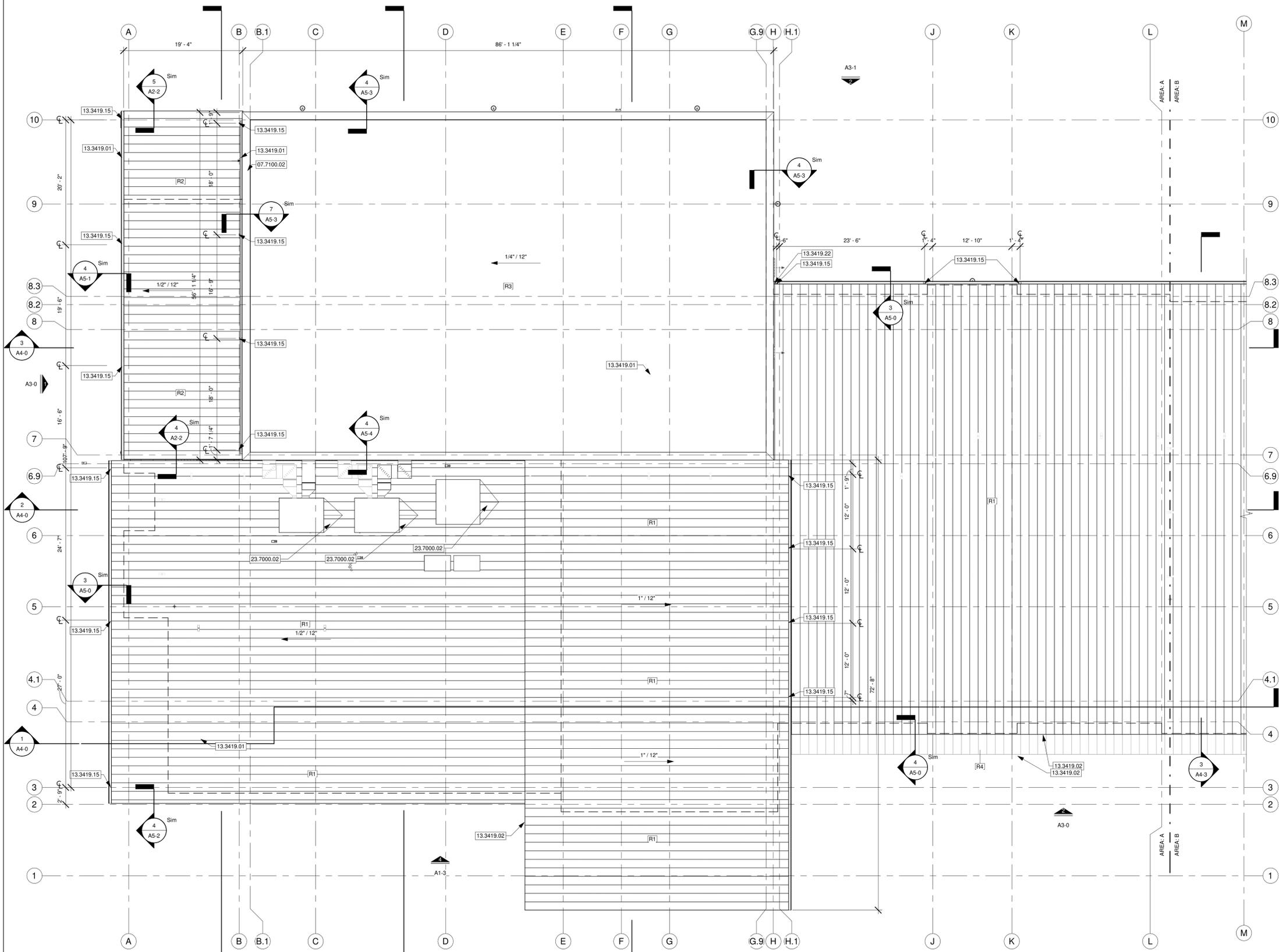
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REVISION SCHEDULE
1 ADD-01 2021.06.14

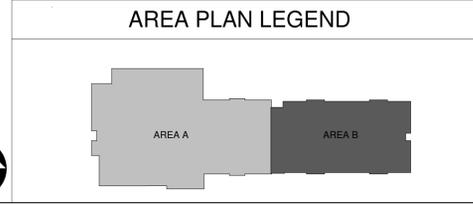
PROJECT DESCRIPTION: MARSHFIELD EARLY CHILDHOOD CENTER
ROOF PLAN - AREA A
PROJECT NUMBER: 20-602
DATE: 2021.06.09

600 N Locust St, Marshfield, MO 65706
PROJECT ARCHITECT: BEE
DRAWN BY: CS, KMW
CHECKED BY: KMW, PY



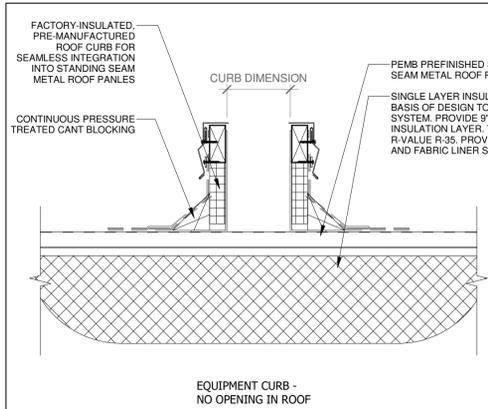
| ROOF SCHEDULE | |
|---------------|--|
| TYPE | DESCRIPTION |
| R1 | STANDING SEAM METAL ROOF PANELS ATTACHED TO PRE-ENGINEERED METAL BUILDING ROOF PURLINS WITH SINGLE LAYER INSULATION SYSTEM - BASIS OF DESIGN TO BE SIMPLE SAVER SYSTEM. PROVIDE 9" THICK LOWER INSULATION LAYER. TOTAL R-VALUE OF R-30 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.

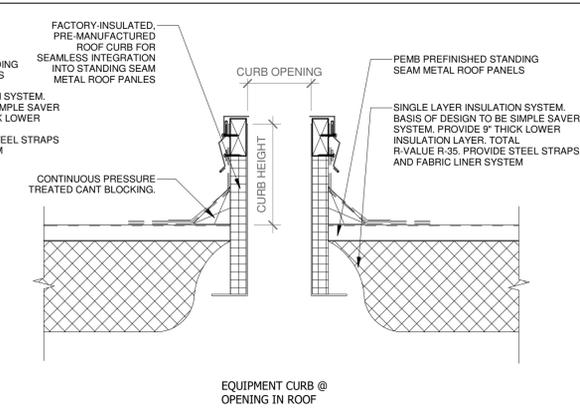


1 AREA A ROOF PLAN
SCALE 1/8" = 1'-0"

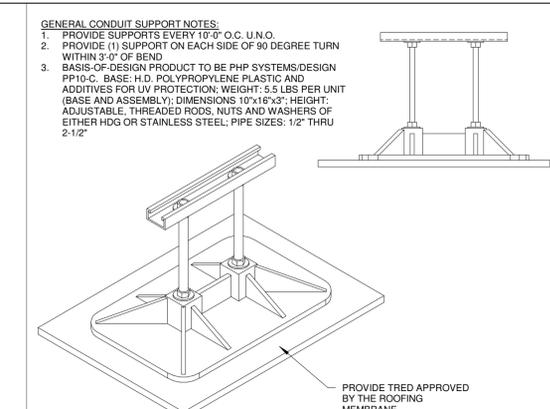
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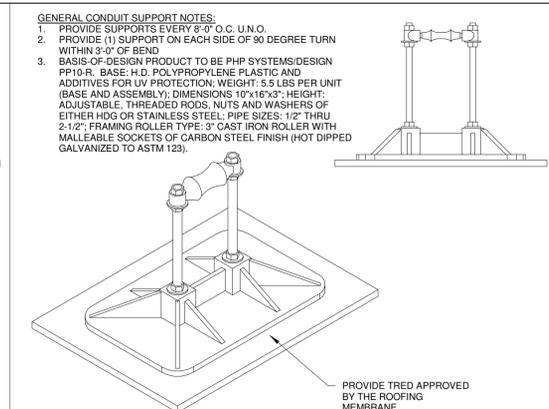
6 EQUIPMENT CURB
SCALE 1 1/2" = 1'-0"



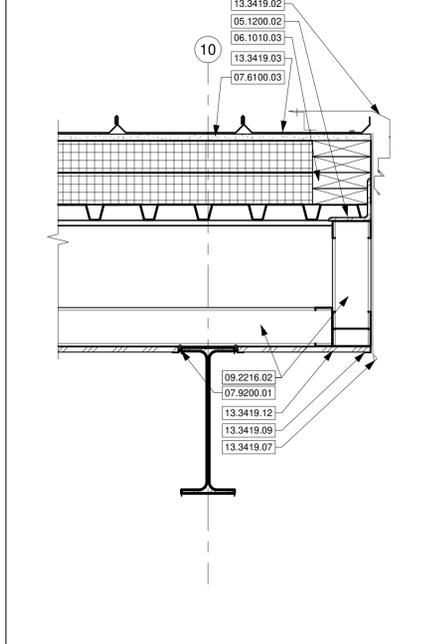
6 EQUIPMENT CURB @ OPENING IN ROOF
SCALE 1 1/2" = 1'-0"



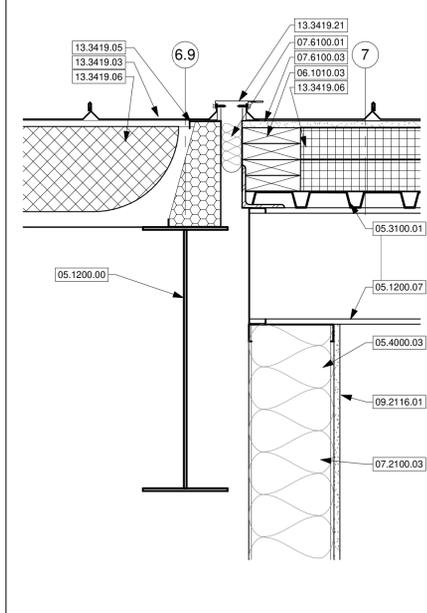
3 ROOF SUPPORT - CONDUIT
SCALE 1 1/2" = 1'-0"



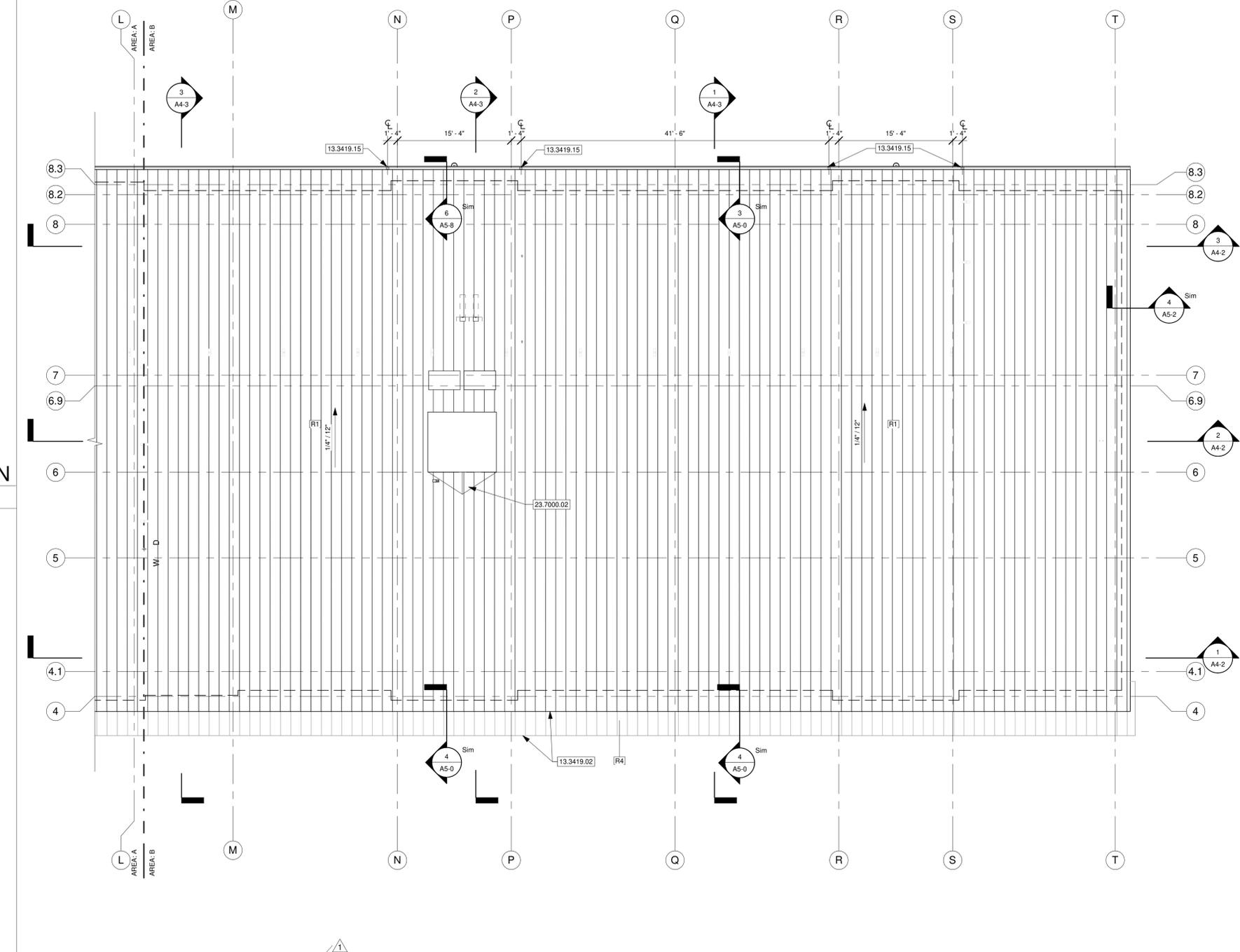
2 ROOF SUPPORT - PIPE
SCALE 1 1/2" = 1'-0"



5 OVERHANG AT KITCHEN
SCALE 1 1/2" = 1'-0"



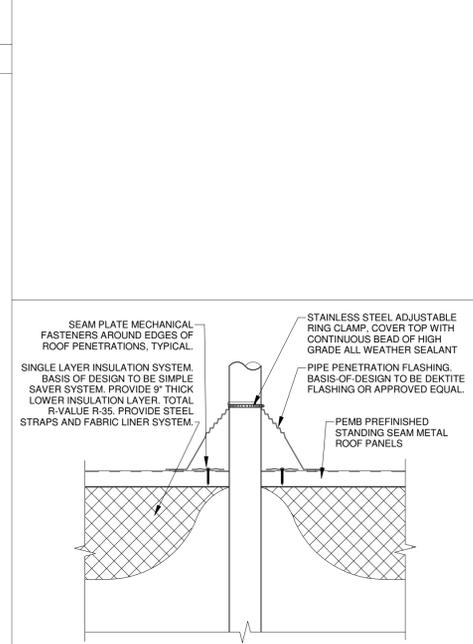
4 PEMB @ LGMF ROOF
SCALE 1 1/2" = 1'-0"



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

KEYNOTE LEGEND

| | |
|------------|---|
| 05.1200.00 | STRUCTURAL STEEL FRAMING. SEE STRUCTURAL |
| 05.1200.02 | STEEL EDGE ANGLE. SEE STRUCTURAL |
| 05.1200.07 | STEEL JOIST. SEE STRUCTURAL |
| 05.3100.01 | STRUCTURAL STEEL DECKING. SEE STRUCTURAL |
| 05.4000.03 | 3" METAL STUD FRAMING. SEE STRUCTURAL |
| 06.1010.03 | 2X PRESSURE TREATED WOOD BLOCKING |
| 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. |
| 07.6100.01 | ROOF TO ROOF EXPANSION JOINT. |
| 07.6100.03 | ROOF COVER BOARD. |
| 07.9200.01 | CONTINUOUS SEALANT JOINT WITH BACKER ROD. |
| 09.2116.01 | 5/8" PAINTED GYPSUM BOARD. |
| 09.2216.02 | 3/8" METAL STUD FRAMING |
| 13.3419.02 | PEMB PREFINISHED METAL RAKE TRIM PER MANUFACTURER STANDARD DETAILS. |
| 13.3419.03 | PEMB PREFINISHED STANDING SEAM METAL ROOF PANELS. |
| 13.3419.05 | 10" PEMB C GIRT. FILL INTERIOR OF GIRT WITH SPRAY FOAM INSULATION TO MAINTAIN CONTINUOUS INSULATION. |
| 13.3419.06 | 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. |
| 13.3419.07 | PREFINISHED METAL FASCIA TRIM WITH DRIP EDGE. |
| 13.3419.09 | PREFINISHED J-TRIM. |
| 13.3419.12 | PREFINISHED VENTED METAL SOFFIT PANEL. |
| 13.3419.15 | PEMB 4"x8" METAL DOWNSPOUT. |
| 13.3419.21 | NESTED RIDGE VENT OVER 2" EXPANSION JOINT. |
| 23.7000.02 | ROOF CURB WITH INTEGRAL ROOF CRICKET, OVERLAP METAL ROOF PANEL AND SEAL PER MANUFACTURER RECOMMENDATIONS. SEE MEP. |

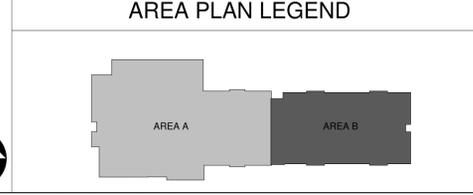


7 ROOF PIPE PENETRATION
SCALE 1 1/2" = 1'-0"

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.



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MO # A-202003967

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REVISION SCHEDULE
1 ADD-01 2021.06.14

A2-2 MARSHFIELD EARLY CHILDHOOD CENTER
ROOF PLAN - AREA B
PROJECT NUMBER: 20-602
DATE: 2021.06.09

PROJECT DESCRIPTION: 600 N Locust St, Marshfield, MO 65706
PROJECT ARCHITECT: BEE
DRAWN BY: CS, KMW
CHECKED BY: KMW, FY

SHEET NUMBER: PROJECT DESCRIPTION: 600 N Locust St, Marshfield, MO 65706
PROJECT ARCHITECT: BEE
DRAWN BY: CS, KMW
CHECKED BY: KMW, FY

NORTH

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JIM W. STEARMAN, ARCHITECT
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 6/15/2021

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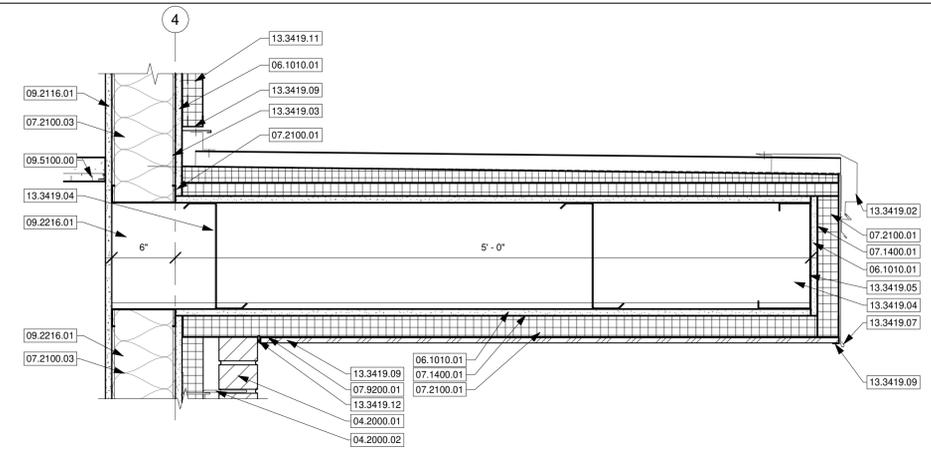
PROJECT DESCRIPTION:
MARSHFIELD EARLY CHILDHOOD CENTER
 600 N Locust St, Marshfield, MO 65706

SHEET NUMBER:
A5-7
 DETAILS
 PROJECT NUMBER:
20-602
 DATE:
 2021.06.09

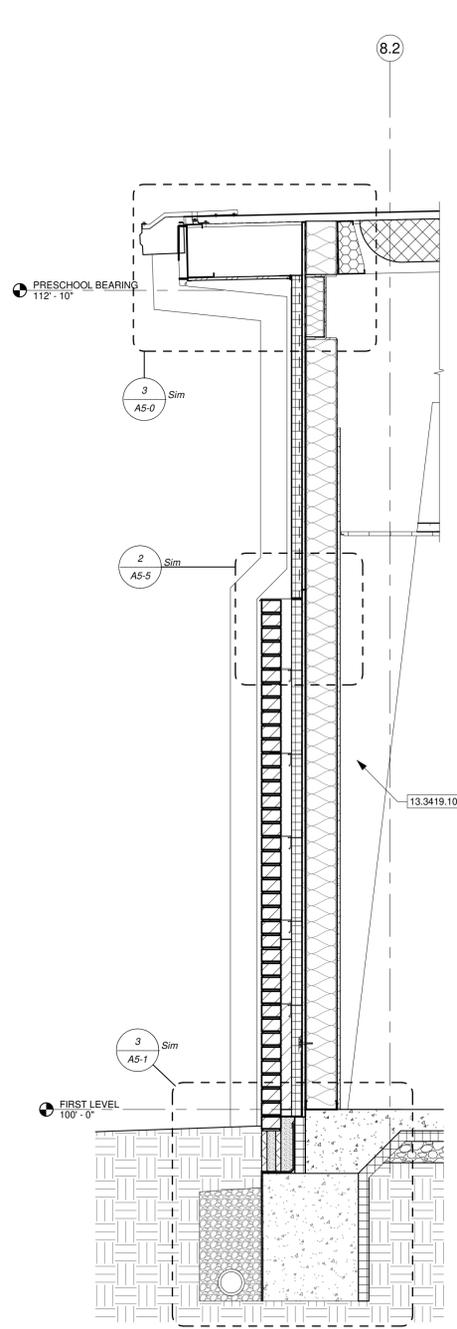
PROJECT ARCHITECT: BEE
 DRAWN BY: CS, KMW
 CHECKED BY: KMW, PY

KEYNOTE LEGEND

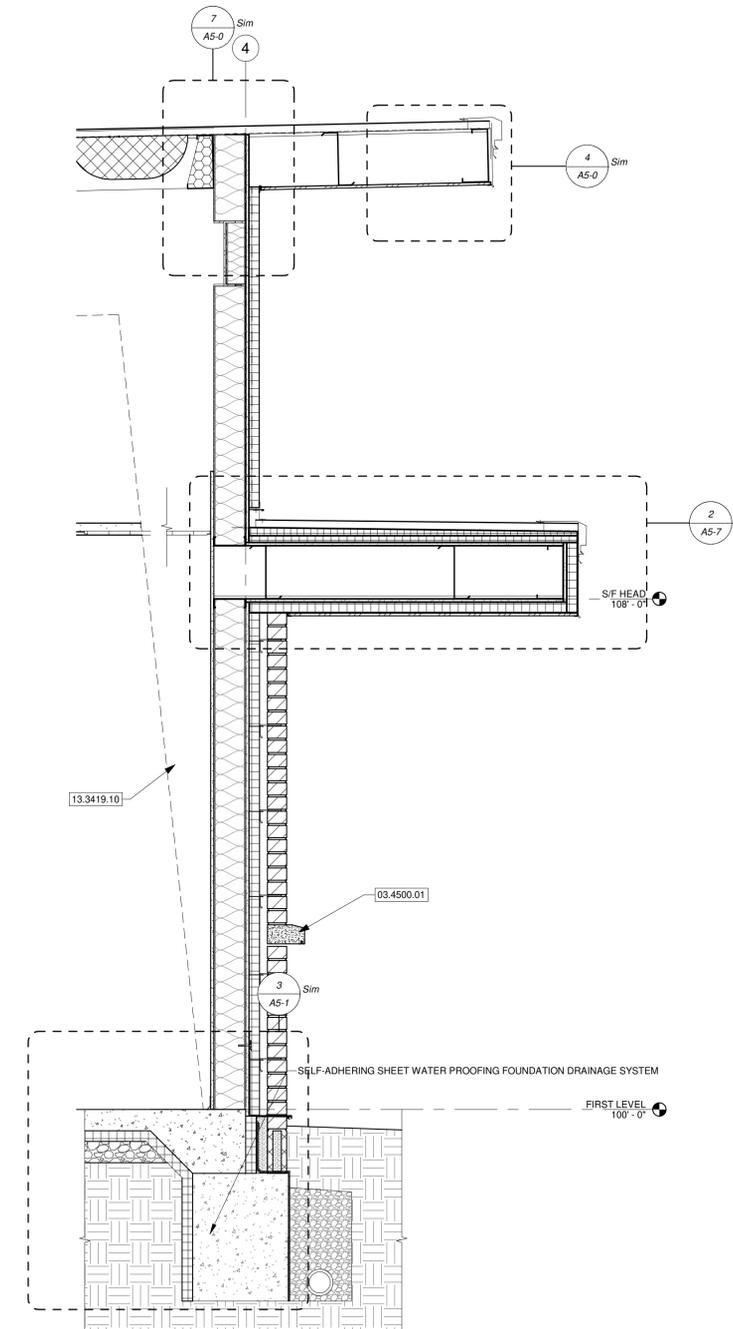
| | |
|------------|---|
| 03.4500.01 | CONCRETE CAP. |
| 04.2000.01 | MASONRY VENEER. SEE BUILDING ELEVATIONS FOR MORE INFORMATION. |
| 04.2000.02 | MASONRY TIES AT 16" HORIZONTALLY AND VERTICALLY. |
| 06.1010.01 | 5/8" GLASS MAT FACED GYPSUM SHEATHING WITH INTEGRAL WATER RESISTIVE BARRIER. |
| 07.1400.01 | 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. |
| 07.9200.01 | 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 |
| 13.3419.02 | PEMB PREFINISHED METAL RAKE TRIM PER MANUFACTURER STANDARD DETAILS. |
| 13.3419.03 | PEMB PREFINISHED STANDING SEAM METAL ROOF PANELS. |
| 13.3419.04 | 10" PEMB FURLIN. |
| 13.3419.05 | 10" PEMB C GIRT. FILL INTERIOR OF GIRT WITH SPRAY FOAM INSULATION TO MAINTAIN CONTINUOUS INSULATION. |
| 13.3419.07 | PREFINISHED METAL FASCIA TRIM WITH DRIP EDGE. |
| 13.3419.09 | PREFINISHED J-TRIM. |
| 13.3419.10 | PEMB MAIN FRAME. |
| 13.3419.11 | PREFINISHED 2" INSULATED METAL WALL PANEL. |
| 13.3419.12 | PREFINISHED VENTED METAL SOFFIT PANEL. |



2 TYPICAL CLASSROOM OVERHANG
 SCALE 1 1/2" = 1'-0"



3 EXIT @ CORRIDOR
 SCALE 3/4" = 1'-0"



1 SOUTH CLASSROOM EXTERIOR - TYPICAL
 SCALE 3/4" = 1'-0"



JIM W. STEARMAN, ARCHITECT
 MO # : A-2020039367

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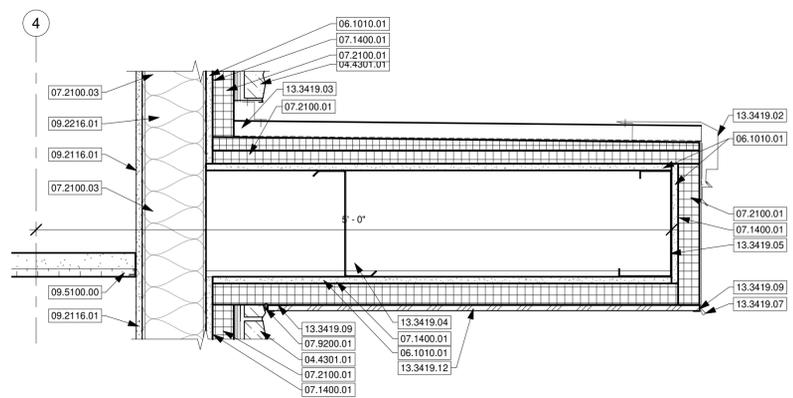
600 N Locust St, Marshfield, MO 65706
 PROJECT ARCHITECT: BEE
 DRAWN BY: CS, KMW, DRW2
 CHECKED BY: KMW, PY

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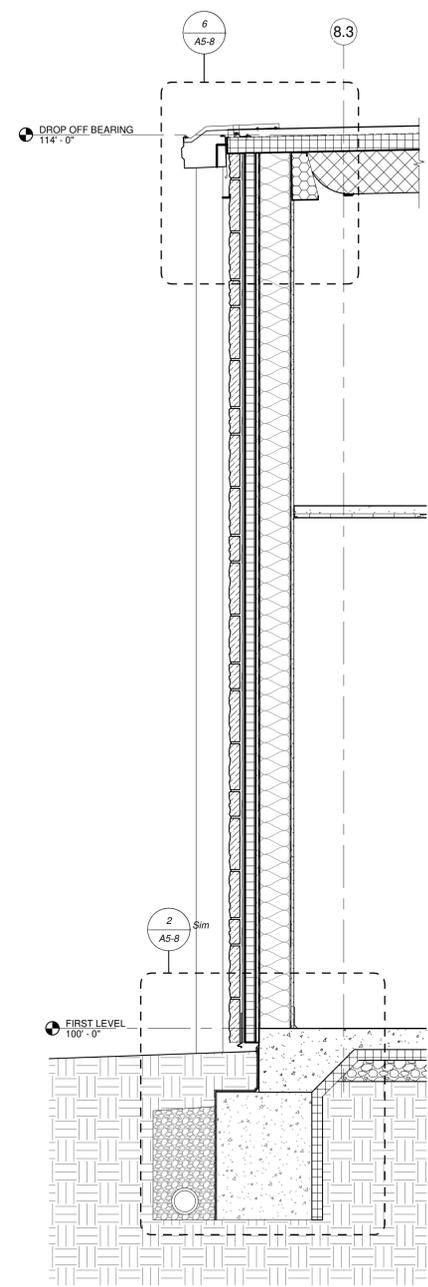
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 DETAILS
 PROJECT NUMBER: 20-602
 DATE: 2021.06.09

KEYNOTE LEGEND

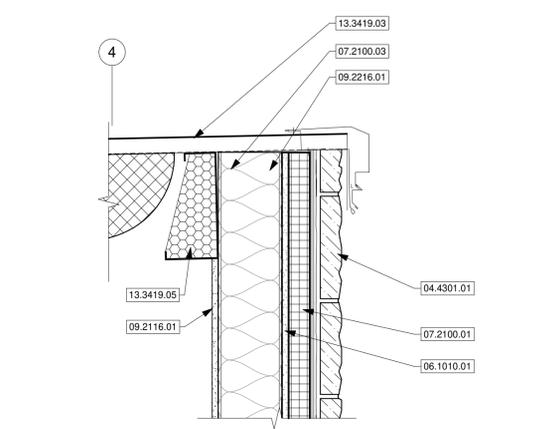
| | |
|------------|---|
| 03.3000.01 | REINFORCED CONCRETE FOUNDATION. REFER TO STRUCTURAL DRAWINGS. |
| 03.3000.02 | REINFORCED CONCRETE SLAB OVER 5 MIL VAPOR BARRIER OVER COMPACTED GRANULAR BASE. REFER TO STRUCTURAL DRAWINGS. |
| 04.4301.01 | ADHERED STONE MASONRY VENEER OVER MORTAR OVER AIR AND WATER 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 OVER 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 2" AND RUN INTO BUILDING 2" 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 CEILING. |
| 09.6513.01 | PEMB 7"x7" METAL GUTTER PER MANUFACTURER STANDARD DETAILS. |
| 13.3419.01 | PEMB PREFINISHED METAL RAKE TRIM PER MANUFACTURER STANDARD DETAILS. |
| 13.3419.02 | PEMB PREFINISHED STANDING SEAM METAL ROOF PANELS. |
| 13.3419.03 | 10" PEMB PURLIN. |
| 13.3419.04 | 10" PEMB 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. |
| 33.4600.01 | SUBDRAINAGE - 6" PERFORATED PIPE WITH DRAIN SLEEVE FILTER AROUND PERIMETER OF STRUCTURE. SURROUND WITH GRANULAR FIL. TERMINATE AS INDICATED PER CIVIL DRAWINGS. TYPICAL. |



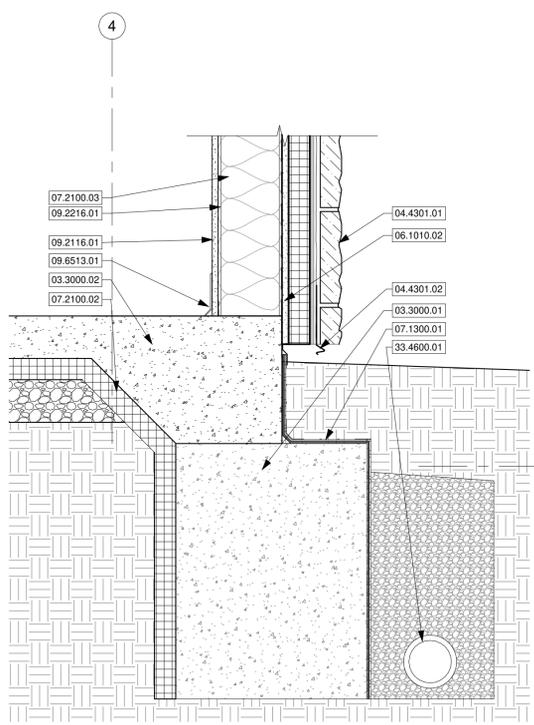
4 TYPICAL STORAGE OVERHANG
 SCALE 1 1/2" = 1'-0"



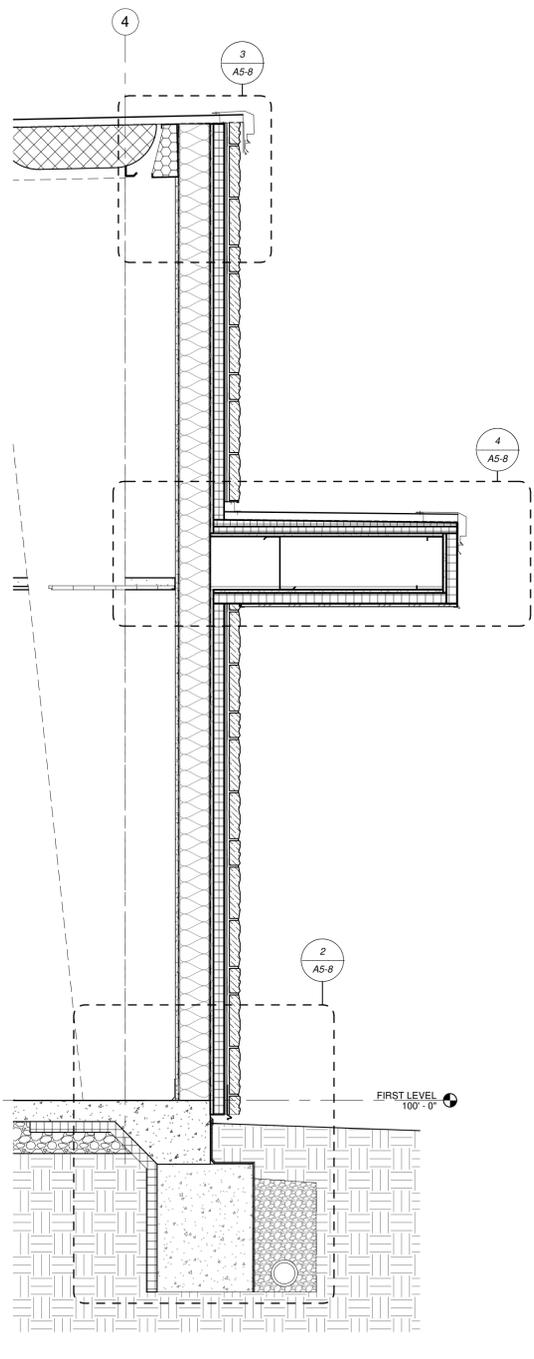
5 TYP. NORTH CLASS STORAGE
 SCALE 3/4" = 1'-0"



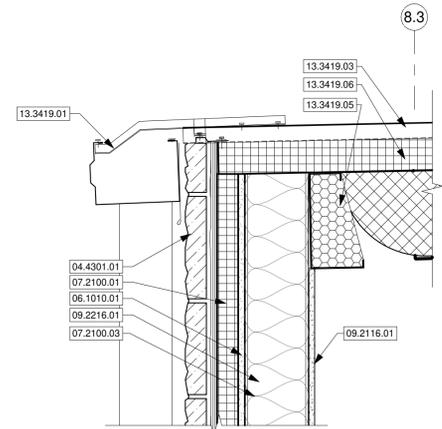
3 ROOF SECTION AT STORAGE
 SCALE 1 1/2" = 1'-0"



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



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



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

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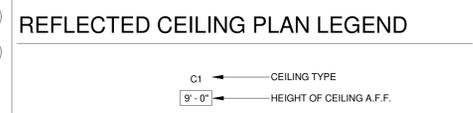
A8-0 MARSHFIELD EARLY CHILDHOOD CENTER
 REFLECTED CEILING PLAN - AREA A
 PROJECT NUMBER: 20-602
 PROJECT DESCRIPTION: 600 N Locust St, Marshfield, MO 65706
 PROJECT ARCHITECT: BEE
 DRAWN BY: CS, KMW
 CHECKED BY: KMW, PY
 DATE: 2021.06.09

KEYNOTE LEGEND

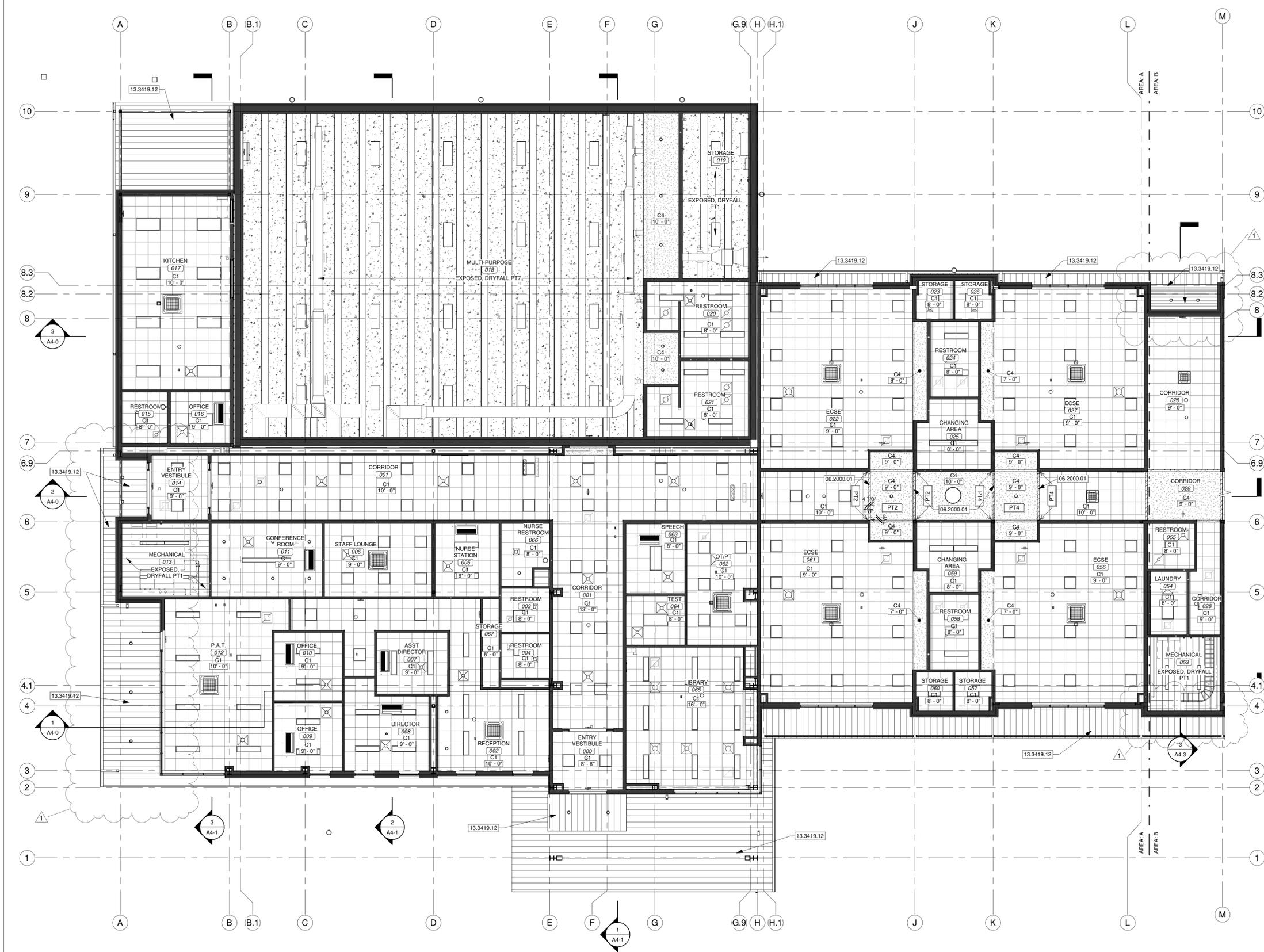
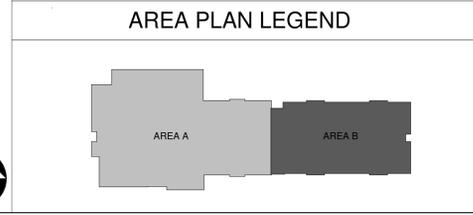
| | |
|------------|---|
| 06.2000.01 | PAINTED 3/4" MDF SOFFIT/FUR OUT FEATURE, USE BLOCKING AS REQUIRED. RADIUS AS SHOWN IN ELEVATIONS. |
| 13.3419.12 | PREFINISHED VENTED METAL SOFFIT PANEL. |

CEILING SCHEDULE

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



- 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.

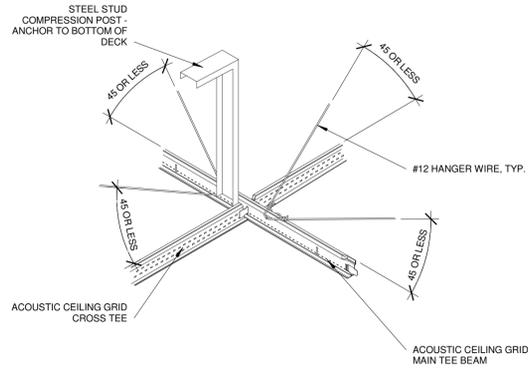


1 REFLECTED CEILING PLAN: AREA A
 SCALE 1/8" = 1'-0"

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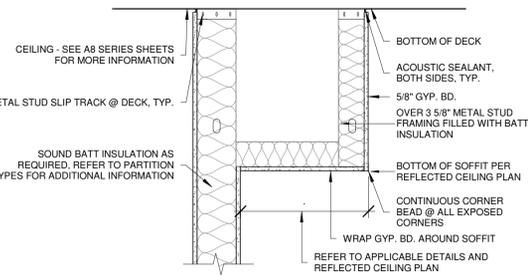
GENERAL ACOUSTIC CEILING TILE SEISMIC NOTES:

- ACOUSTIC CEILING TILE MUST BE INSTALLED TO MEET CISCA RECOMMENDATIONS.
- USE A MINIMUM 7/8" WALL MOLDING.
- A MINIMUM 3/8" CLEARANCE MUST BE MAINTAINED ON ALL SIDES BETWEEN WALL AND TILE.
- A MINIMUM 3/8" OVERLAP MUST BE MAINTAINED BETWEEN GRID AND WALL MOLDING.
- ENDS OF MAIN BEAMS AND CROSS TEES MUST BE TIED TOGETHER TO PREVENT THEIR SPREADING WITH STABILIZER BARS, ENTIRE PERIMETER OF CEILING.
- SAFETY WIRES FOR LIGHT FIXTURES ARE REQUIRED - SEE MEP DRAWINGS FOR MORE INFORMATION.
- USE SEISMIC CLIPS BETWEEN WALL MOLDING AND GRID TEES. TWO ADJACENT WALLS MUST USE THE TEES. THE OTHER TWO WALLS MUST USE THE "UNATTACHED WALL" METHOD WHERE SEISMIC CLIPS ARE SECURED TO THE WALL MOLDING AND ARE ALLOWED TO MOVE FREELY THROUGH THE EXPANSION SLOT. THE FIRST WIRE HANGER MUST BE WITHIN 8" FROM WALL SURFACE.
- WIRE HANGERS IN (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 DIRECTIONS AT NO MORE THAN A 45 DEGREE ANGLE FROM THE PLANE OF THE CEILING. SEE DETAIL FOR ANGULAR ALLOWANCES FOR WIRE HANGERS.
- INTERSECTIONS BETWEEN CROSS TEES AND MAIN BEAMS MUST BE SECURED WITH CROSS TEE SEISMIC JOINT CLIP.
- SPLICES MUST BE SECURED WITH SEISMIC SPLICE CLIP.



3 SUSPENDED ACT CEILING - SEISMIC
SCALE 1 1/2" = 1'-0"

2 TYPICAL GYPSUM SOFFIT
SCALE 1" = 1'-0"

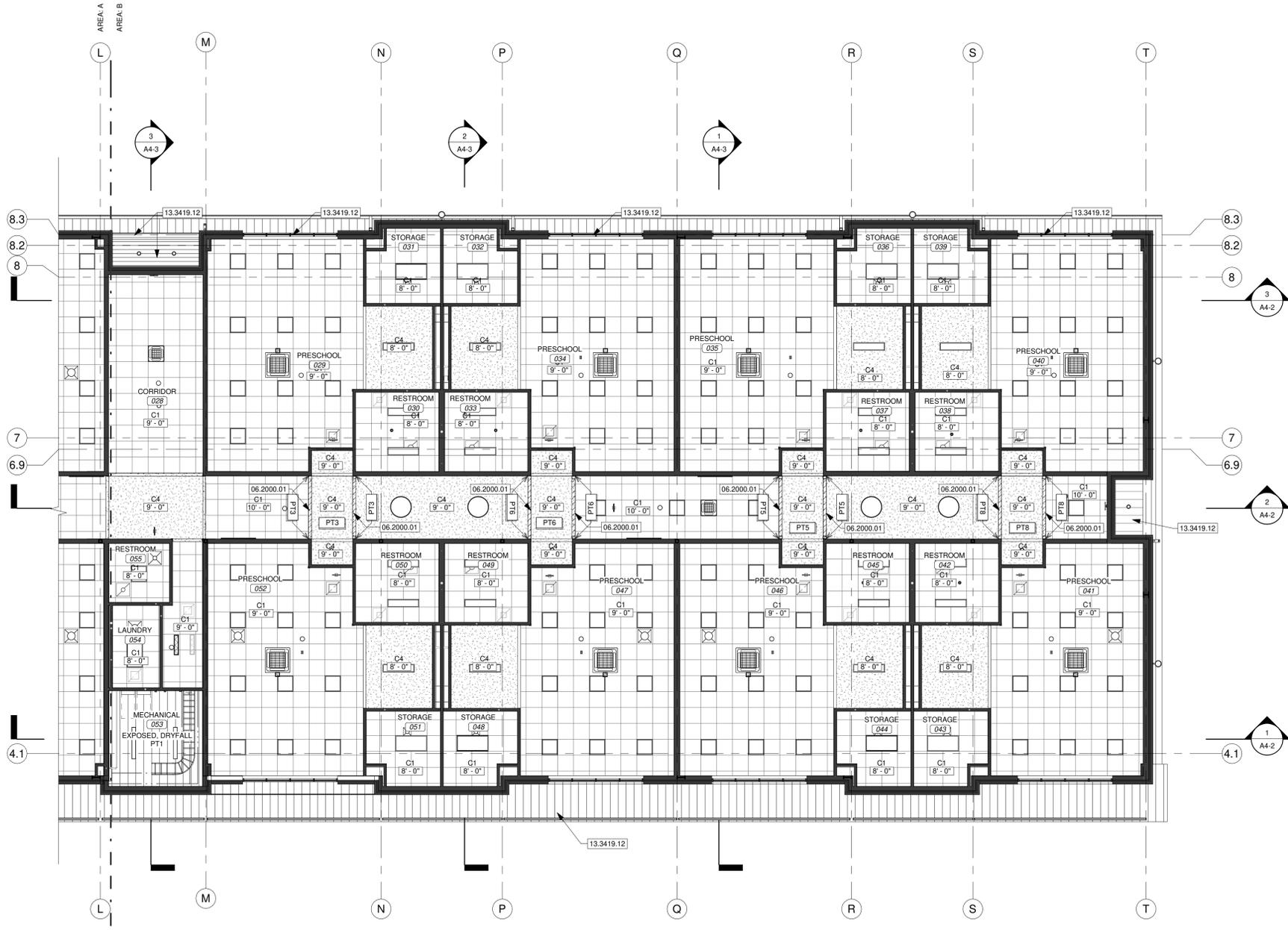


KEYNOTE LEGEND

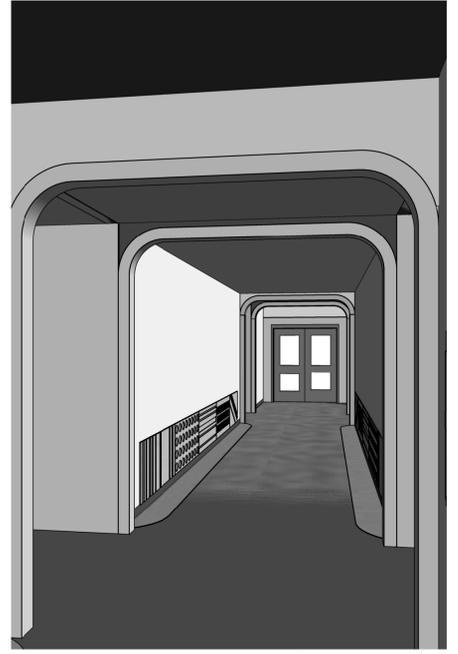
| | |
|------------|---|
| 06.2000.01 | PAINTED 3/4" MDF SOFFIT/FUR CUT FEATURE, USE BLOCKING AS REQUIRED. RADIUS AS SHOWN IN ELEVATIONS. |
| 13.3419.12 | PREFINISHED VENTED METAL SOFFIT PANEL. |



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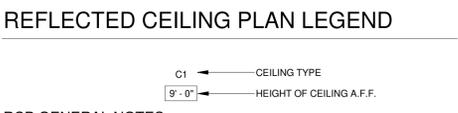
1 REFLECTED CEILING PLAN: AREA B
SCALE 1/8" = 1'-0"



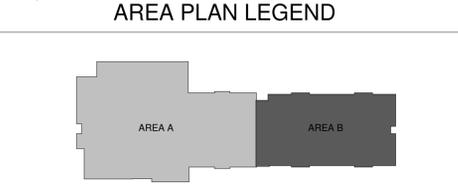
CORRIDOR CEILING FEATURE 3D VIEW

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. |



- 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.



MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415
PARAGON
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www.paragonarchitecture.com

REVISION SCHEDULE
1 ADD-01 2021.06.14

A8-1 MARSHFIELD EARLY CHILDHOOD CENTER
REFLECTED CEILING PLAN - AREA B
PROJECT NUMBER: 20-602
DATE: 2021.06.09
PROJECT DESCRIPTION: 600 N Locust St, Marshfield, MO 65706
PROJECT ARCHITECT: BEE
DRAWN BY: CS, KMW
CHECKED BY: KMW, PY



JIM W. STEARMAN, ARCHITECT
MO # A-2020039367

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REVISION SCHEDULE
1 - ADD-01 2021.06.14

PROJECT DESCRIPTION:
A9-0 MARSHFIELD EARLY CHILDHOOD CENTER
FINISH PLAN - AREA A

PROJECT NUMBER:
20-002

DATE:
2021.06.09

PROJECT ARCHITECT:
CS. KMW, DRWZ
DRAWN BY:
KMW, FW
CHECKED BY:

600 N Locust St, Marshfield, MO 65706

KEYNOTE LEGEND

| | |
|------------|---|
| 06.4100.10 | ADJUSTABLE SHELVING. SEE SPECS AND DETAIL FOR MORE INFORMATION. |
| 09.3000.01 | BID ALTERNATE ITEM - FLOOR TILE AND TILE BASE. BASE BID TO BE SEALED CONCRETE WITH VINYL BASE. |
| 09.6813.01 | AREA RUG. SEE FINISH LEGEND. TWO LAYOUT OPTIONS PROVIDED. CONFIRM WITH OWNER PRIOR TO INSTALLATION. |
| 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: 25CM X 1 CM. PATTERN: STAGGER |
| | CPT2: CARPET TILE AREA RUG MANUF: FLO. PRODUCT: LITING. COLOR: MULTI. SIZE: 10X12. INSTALLATION: PARQUET. NOTE: CONTRACTOR INSTALLED. PROVIDE 25% EXTRA FLOOR 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: OEBX 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 JOHNSSONITE 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: DALTELE. 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

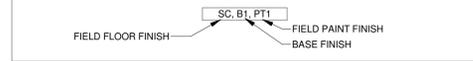
PLAM1 THROUGH 3: PLASTIC LAMINATE. BASIS-OF-DESIGN: FORMICA UNLESS NOTED OTHERWISE.

| |
|---|
| 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

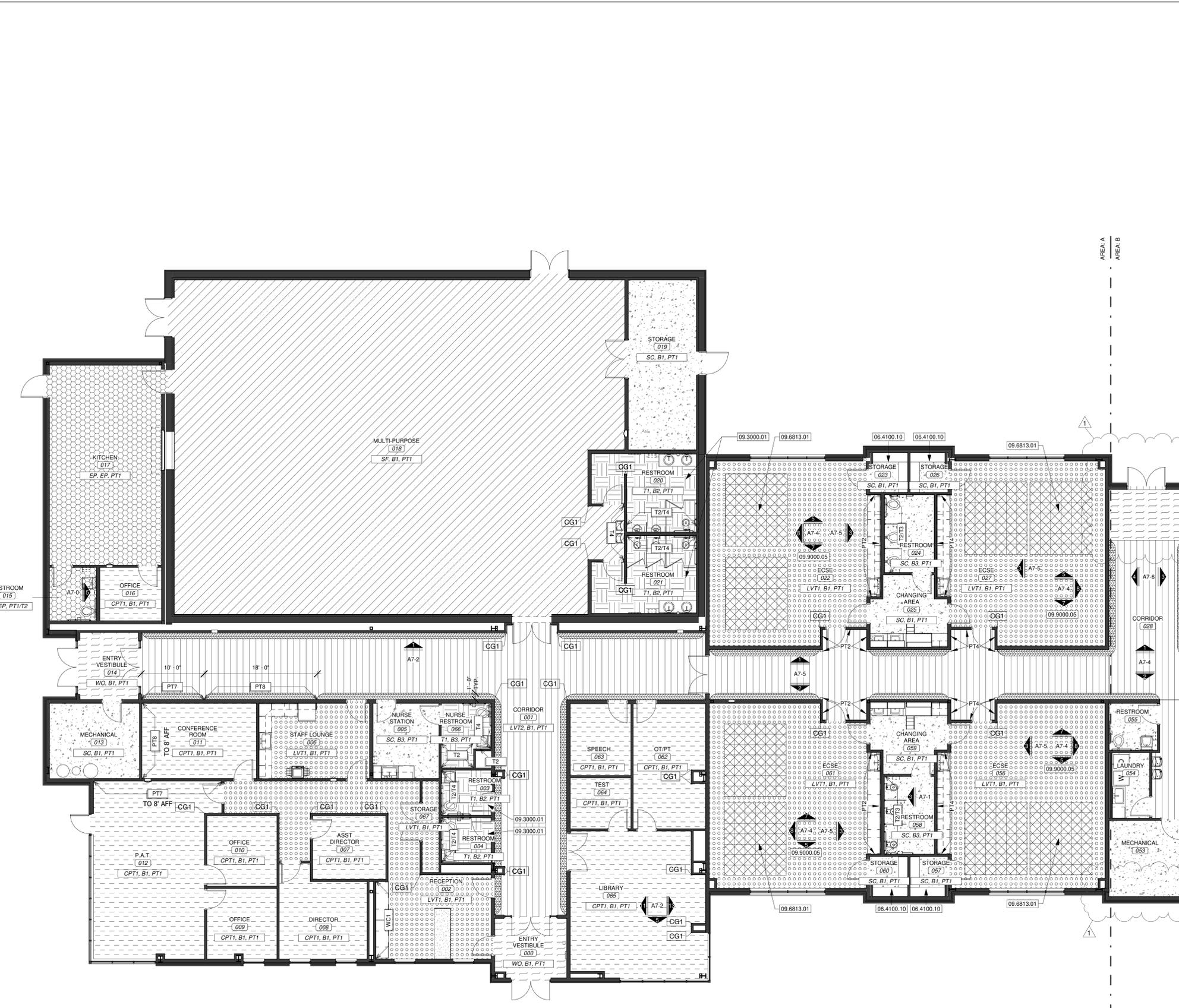
| |
|---|
| WC1: VINYL WALLCOVERING WITH GRAPHIC. BASIS-OF-DESIGN: DESIGNTEX, PRODUCT: BESTOKE DNA DW11. CUSTOM IMAGE: S18891 SI-CAPSULE |
| T2: WALL TILE. BASIS-OF-DESIGN: DAL TILE. PRODUCT: COLOR WHEEL CLASSIC. FINISH: GLOSSY. SIZE: 6X6". PATTERN: BRICK. GROUT: LATICRETE. PERMACOLOR SELECT ANYCOLOR. 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: DAL TILE. 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: DAL TILE. 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. |
| Q21: 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 NOTING 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 NOTATED WITHIN FINISH TAG. ACCENT FLOOR FINISHES ARE SHOWN WITH A MATCH PATTERN ON FINISH PLANS WHERE APPLICABLE.



AREA PLAN LEGEND

| | |
|--|--------|
| | AREA A |
| | AREA B |



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

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JIM W. STEARMAN ARCHITECT
 MO # A-202009367

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

REVISION SCHEDULE
 1 ADD-01 2021.06.14

PROJECT DESCRIPTION:
A9-1 MARSHFIELD EARLY CHILDHOOD CENTER
 FINISH PLAN - AREA B
 600 N Locust St., Marshfield, MO 65706
 PROJECT ARCHITECT: BEE
 DRAWN BY: CS, KMW
 CHECKED BY: KMW, FY

SHEET NUMBER:
20-602
 DATE:
 2021.06.09

| 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: FLO, PRODUCT: LITING, COLOR: MULTI, SIZE: 107X12", INSTALLATION: PARQUET, NOTE: CONTRACTOR INSTALLED, PROVIDE 25% EXTRA FLOOR 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: OEBX 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. |

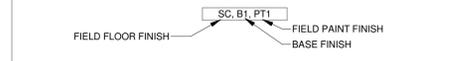
| WALL BASE | |
|---|--|
| B1: 4" RESILIENT WALL BASE, BASIS-OF-DESIGN TO BE JOHNSONITE TRADITIONAL WALL BASE, COLOR: CEMENT. | |
| B2: 6"x12" COVE BASE, MANUF: CAESAR, PRODUCT: LINK, COLOR: CHAIN | |
| NOTE: TO BE USED WITH T1, IF T1 ALTERNATE IS NOT ACCEPTED, B1 IS TO BE USED. | |
| B3: 2"x6" BULLNOSE BASE, MANUF: DAL TILE, 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: COPEN BLUE | |
| PT7: ACCENT COLOR: AUTUMN ORCHID | |
| PT8: ACCENT COLOR: COPEN BLUE | |
| PT9: ACCENT COLOR: NEEDLEPOINT NAVY | |

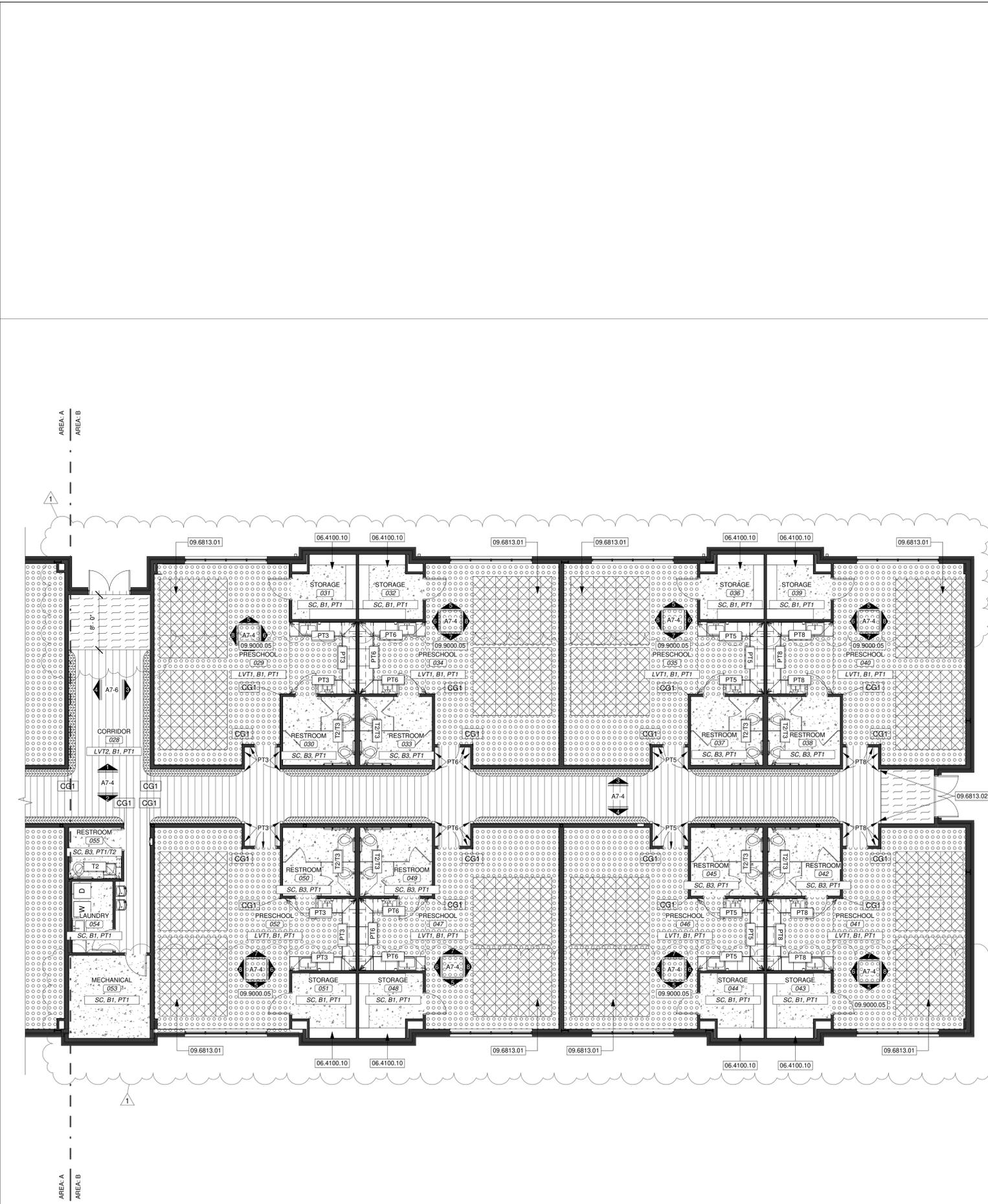
| PLASTIC LAMINATE | |
|---|--|
| PLAM1 THROUGH 3: PLASTIC LAMINATE, BASIS-OF-DESIGN: FORMICA UNLESS NOTED OTHERWISE. | |
| PLAM1: COLOR: WHITE DROPS, FINISH: MATTE, LOCATION: UPPER HORIZONTAL SURFACES. | |
| PLAM2: MANUFACTURER: PANOLAM, COLOR: COOL CHIC, FINISH: TEXTURED, LOCATION: VERTICAL SURFACES. | |
| 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: S1881 S1-CAPSULE | |
| T2: WALL TILE, BASIS-OF-DESIGN: DAL TILE, 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: DAL TILE, PRODUCT: REVALIA, FAN, COLOR: FELICITY WHITE, FINISH: GLOSSY, SIZE: 3"x3", 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: DAL TILE, PRODUCT: REVALIA, FAN, COLOR: RADIANT BLUE, FINISH: GLOSSY, SIZE: 3"x3", 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 TAGS WHERE APPLICABLE.

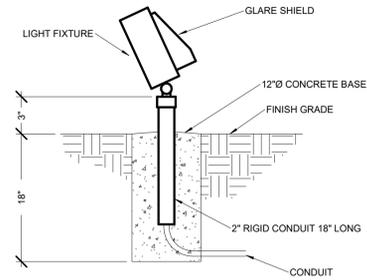


| AREA PLAN LEGEND | |
|------------------|--------|
| | AREA A |
| | AREA B |



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

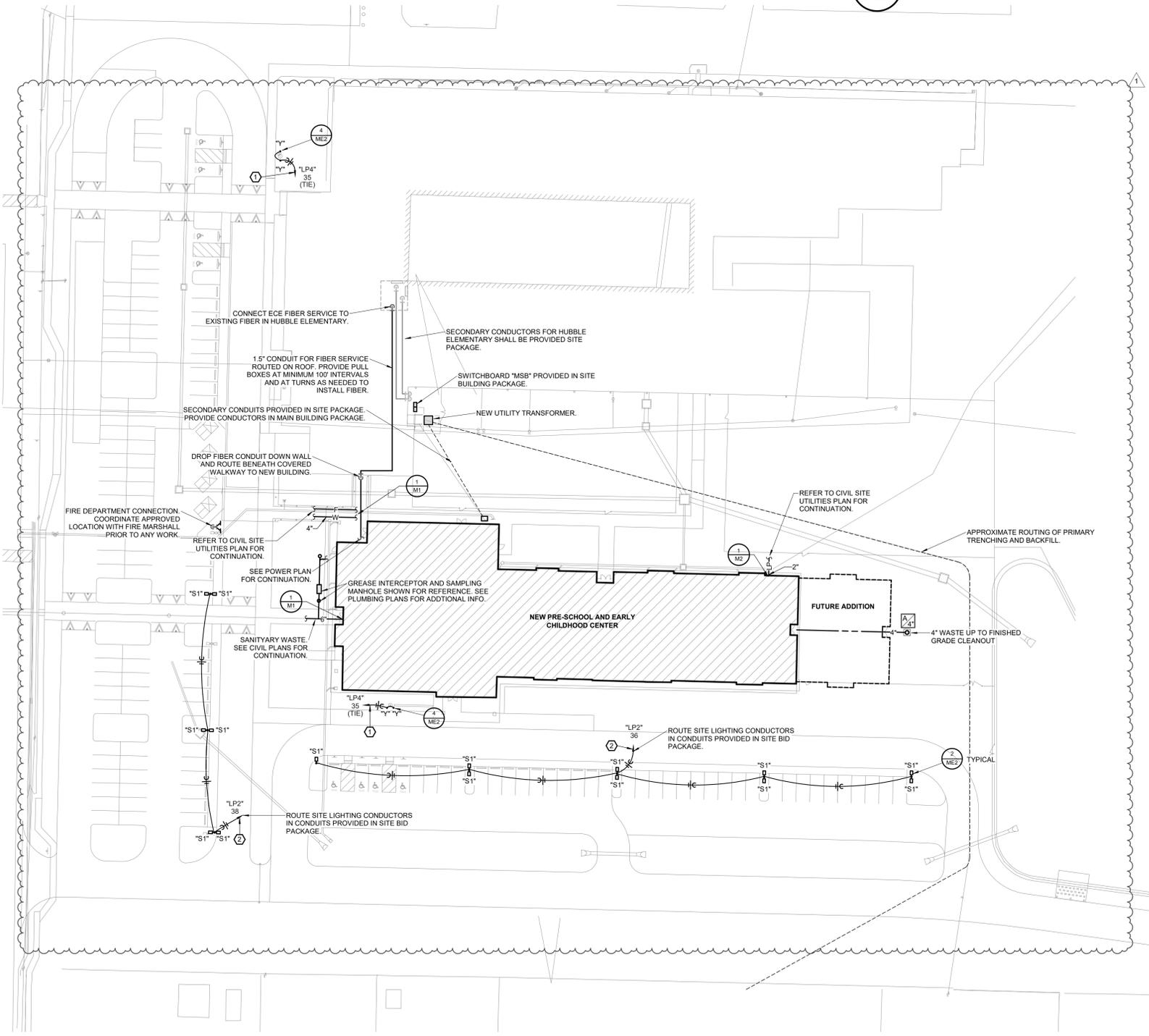
THIS WORK IS PROTECTED UNDER U.S. COPYRIGHT LAW AND THE ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990. FAILURE TO CREDIT PARAGON ARCHITECTURE FOR THE USE OF THESE DRAWINGS AS GOVERNED BY THE TERMS OF THE CLIENT-ARCHITECT AGREEMENT (CONTRACT ON FILE), OR 5% OF THE COST OF CONSTRUCTION IF NO CONTRACT IS ENTERED INTO, SHALL BE CONSIDERED SUBSTANTIAL NON-PERFORMANCE AND CONSTITUTE A BREACH OF CONTRACT AND RESULTS IN THE LOSS OF PERMISSION TO USE THESE DOCUMENTS FOR ANY PURPOSE, BY ANYONE. USE OF THESE DOCUMENTS AFTER FAILURE TO CREDIT THE ARCHITECT CONSTITUTES COPYRIGHT INFRINGEMENT. A FEE OF \$100 WILL BE CHARGED PER MONTH ON THE UNPAID BALANCE. THE USER OF THESE DRAWINGS SHALL WAIVE ALL COSTS OF COLLECTION, INCLUDING ATTORNEY'S FEES.



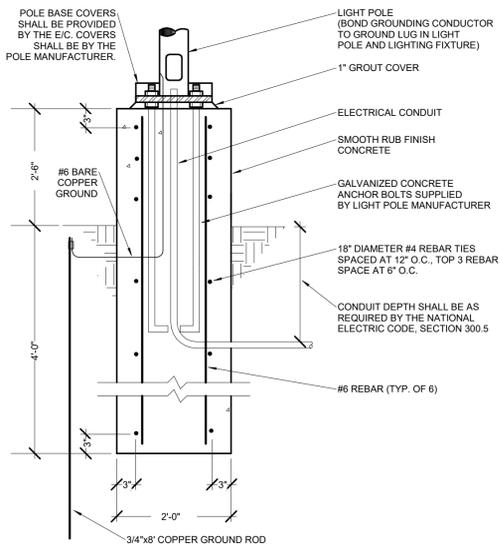
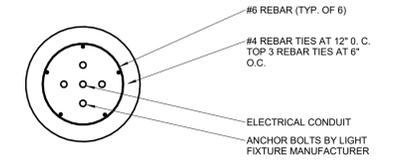
4 GROUND LIGHT DETAIL
SCALE: NOT TO SCALE

| GAS LOAD TABLE | |
|------------------------------------|------------------------------------|
| APPLIANCE | INPUT MBH |
| DEDICATED OUTDOOR AIR UNIT "DOAU1" | 300 |
| DEDICATED OUTDOOR AIR UNIT "DOAU2" | 80 |
| ROOFTOP UNIT "RTU1" | 80 |
| ROOFTOP UNIT "RTU2" | 80 |
| WATER HEATER "WH1" | 150 |
| COMMERCIAL DRYER | 22 |
| FUTURE WATER HEATER | 150 |
| FUTURE KITCHEN MAU | 80 |
| FUTURE DOAU | 80 |
| BUILDING TOTAL | 1,022 MBH AT 2 PSI PRESSURE |

3 GAS CONNECTED LOAD TABLE
SCALE: NOT TO SCALE



1 MEP SITE PLAN
SCALE: 1" = 40'-0"



2 LIGHT POLE BASE DETAIL
SCALE: NOT TO SCALE

GENERAL NOTES:

A. FOR ALL MEP QUESTIONS ON THIS PROJECT, CONTACT RTM ENGINEERING CONSULTANTS AT (417) 861-0020. CONTACT: TYLER ENSERRO.

B. CONTRACTOR SHALL CONTACT RICHARD NEVILLS AT THE CITY OF MARSHFIELD AND ARRANGE FOR WATER SERVICE AND FIRE SERVICE AS INDICATED ON THE DRAWINGS. INCLUDE ALL COSTS, CHARGES, FEES, ETC. INCURRED BY LOCAL AUTHORITIES INTO BID. PROVIDE ALL MATERIALS AS REQUIRED BY LOCAL AUTHORITIES FOR WATER SERVICE INSTALLATION. ALL WORK SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF LOCAL AUTHORITIES.

C. CONTRACTOR SHALL CONTACT THE CITY OF MARSHFIELD AND ARRANGE FOR SEWER SERVICE AS INDICATED ON THE DRAWINGS. INCLUDE ALL COSTS, CHARGES, FEES, ETC. INCURRED BY LOCAL AUTHORITIES INTO BID. PROVIDE ALL MATERIALS AS REQUIRED BY LOA AUTHORITIES FOR SEWER SERVICE INSTALLATION. ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF LOCAL AUTHORITIES.

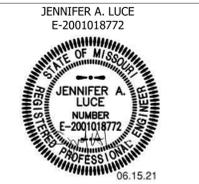
D. CONTRACTOR SHALL CONTACT THE LOCAL GAS COMPANY AND ARRANGE FOR GAS SERVICE AS INDICATED ON THE DRAWINGS. INCLUDE ALL COSTS, CHARGES, FEES, ETC. INCURRED BY UTILITY COMPANY INTO BID. PROVIDE ALL MATERIALS AS REQUIRED BY LOCAL AUTHORITIES FOR GAS SERVICE INSTALLATION. ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF LOCAL AUTHORITIES.

E. CONTRACTOR SHALL CONTACT WEBSTER ELECTRIC AND ARRANGE FOR ELECTRICAL SERVICE AS INDICATED ON THE DRAWINGS. INCLUDE ALL COSTS, CHARGES, FEES, ETC. INCURRED BY UTILITY COMPANY INTO BID. PROVIDE ALL MATERIALS AS REQUIRED BY LOCAL AUTHORITIES FOR ELECTRIC SERVICE INSTALLATION. ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF LOCAL AUTHORITIES. CONTACT PERSON IS TYLER VINES, 417-859-2216, vines@websterec.com.

PLAN HEX NOTES:

1 ROUTE CIRCUIT THRU LIGHTING CONTACTOR "C3"

2 ROUTE CIRCUIT THRU LIGHTING CONTACTOR "C5"



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E-2001018772

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SPRINGFIELD, MO 65802
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www.rtmarch.com

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

ME2 MARSHFIELD ECC
MEP SITE PLAN
PROJECT NUMBER: 20-602
DATE: 06/02/2021

PROJECT DESCRIPTION: MARSHFIELD ECC
600 N LOCUST ST
MARSHFIELD, MO 65706
ENGINEER OF RECORD: JAL
DRAWN BY: JAM
CHECKED BY: JAL

THIS WORK IS PROTECTED UNDER U.S. COPYRIGHT LAW AND THE ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990. FAILURE TO COMPENSATE PARAGON ARCHITECTURE FOR THE USE OF THESE DRAWINGS AS GOVERNED BY THE TERMS OF THE CLIENT-ARCHITECT AGREEMENT (CONTRACT ON FILE), OR 5% OF THE COST OF CONSTRUCTION MINIMUM IF CONTRACT IS IMPLIED USE OF THESE DOCUMENTS DEBARS AN IMPLIED CONTRACT, SHALL BE CONSIDERED SUBSTANTIAL NON-PERFORMANCE AND CONSTITUTES A BREACH OF CONTRACT AND RESULTS IN THE LOSS OF PERMISSION TO USE THESE DOCUMENTS FOR ANY PURPOSE, BY ANYONE. USE OF THESE DOCUMENTS AFTER FAILURE TO COMPENSATE THE ARCHITECT CONSTITUTES COPYRIGHT INFRINGEMENT. A SERVICE FEE OF 1.5% WILL BE CHARGED PER MONTH ON THE UNPAID BALANCE. THE USER OF THESE DRAWINGS SHALL PAY ALL COSTS OF COLLECTION, INCLUDING ATTORNEY'S FEES.



JENNIFER A. LUCE
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06.15.21

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MISSOURI STATE CERTIFICATE OF AUTHORITY #A-2018000415
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ARCHITECTURE
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PH: 417.885.0002
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engineering consultants
RTM ENGINEERING CONSULTANTS, LLC
1818 OGDEN AVENUE, SUITE 100
SPRINGFIELD, MO 65804
PH: 417.885.0002
WWW.RTMENGINEERINGCONSULTANTS.COM



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

PROJECT DESCRIPTION:
ME3 MARSHFIELD ECC
MEP ROOF PLAN
600 N LOCUST ST
MARSHFIELD, MO 65706
ENGINEER OF RECORD: JAL
DRAWN BY: JAM
CHECKED BY: JAL

SHEET NUMBER:
ME3
PROJECT NUMBER:
20-602
DATE:
06/02/2021

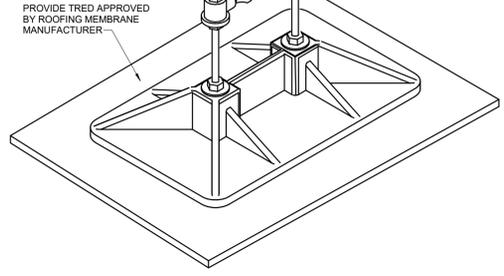
GENERAL NOTES:

- A. FOR ALL MEP QUESTIONS ON THIS PROJECT, CONTACT RTM ENGINEERING CONSULTANTS AT (417) 881-0020. CONTACT: TYLER ENSERRO.
- B. OFFSET PIPING ON ROOF AS REQUIRED FOR ROOF ELEVATION CHANGES.

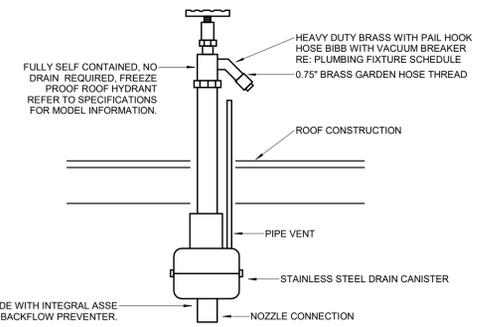
PLAN HEX NOTES:

- 1. EXTEND LIQUID PROPANE TO ROOFTOP/DEDICATED OUTDOOR AIR UNIT WITH 3"(MIN) DIRT LEG AND THREADED CAP.
- 2. 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.
- 3. INSTALL DISCONNECT SWITCHES ON UNISTRUT RACK NEAR EQUIPMENT. MAINTAIN ALL CODE AND MANUFACTURER REQUIRED CLEARANCES.
- 4. 1" TRAPPED CONDENSATE DRAIN TO ROOFTOP UNIT.
- 5. REFRIGERANT PIPING DOWN IN CURB. REFERENCE FIRST FLOOR HVAC PIPING PLANS.

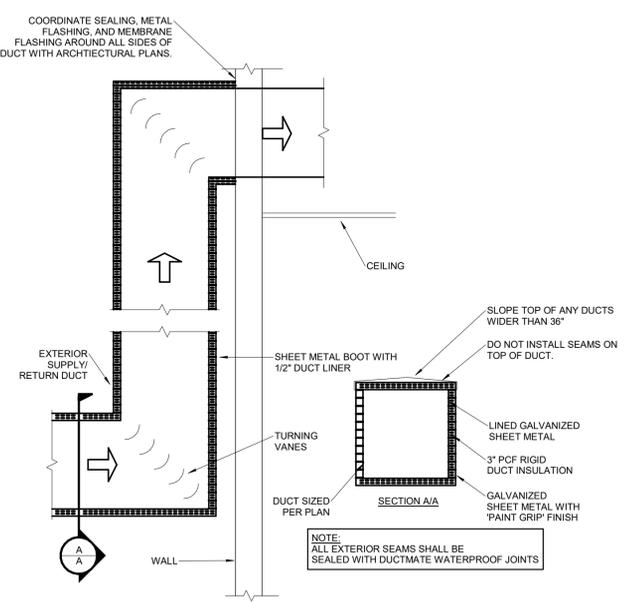
- GENERAL PIPE SUPPORT NOTES:
1. PROVIDE SUPPORTS EVERY 10'-0" O.C. U.N.O.
 2. PROVIDE (1) SUPPORT ON EACH SIDE OF 90-DEGREE TURN WITHIN 3'-0" OF BEND.
 3. BASIS-OF-DESIGN IS PHP PP10-R. ADJUSTABLE THREAD RODS, NUTS, AND WASHERS OF EITHER HDG OR STAINLESS STEEL. PIPE SIZES 1/2" THRU 2-1/2".



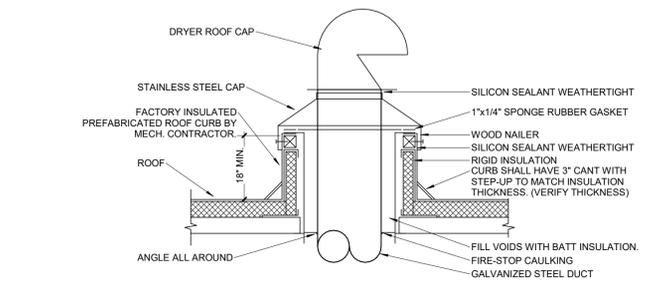
3 ROOF PIPE SUPPORT DETAIL
SCALE: NOT TO SCALE



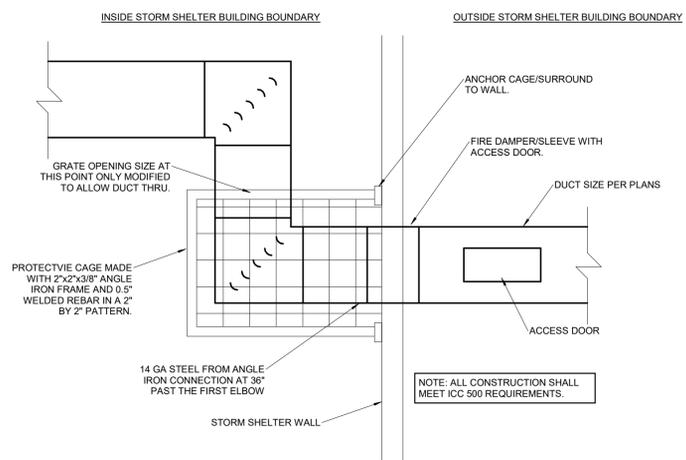
2 ROOF HYDRANT DETAIL
SCALE: NOT TO SCALE



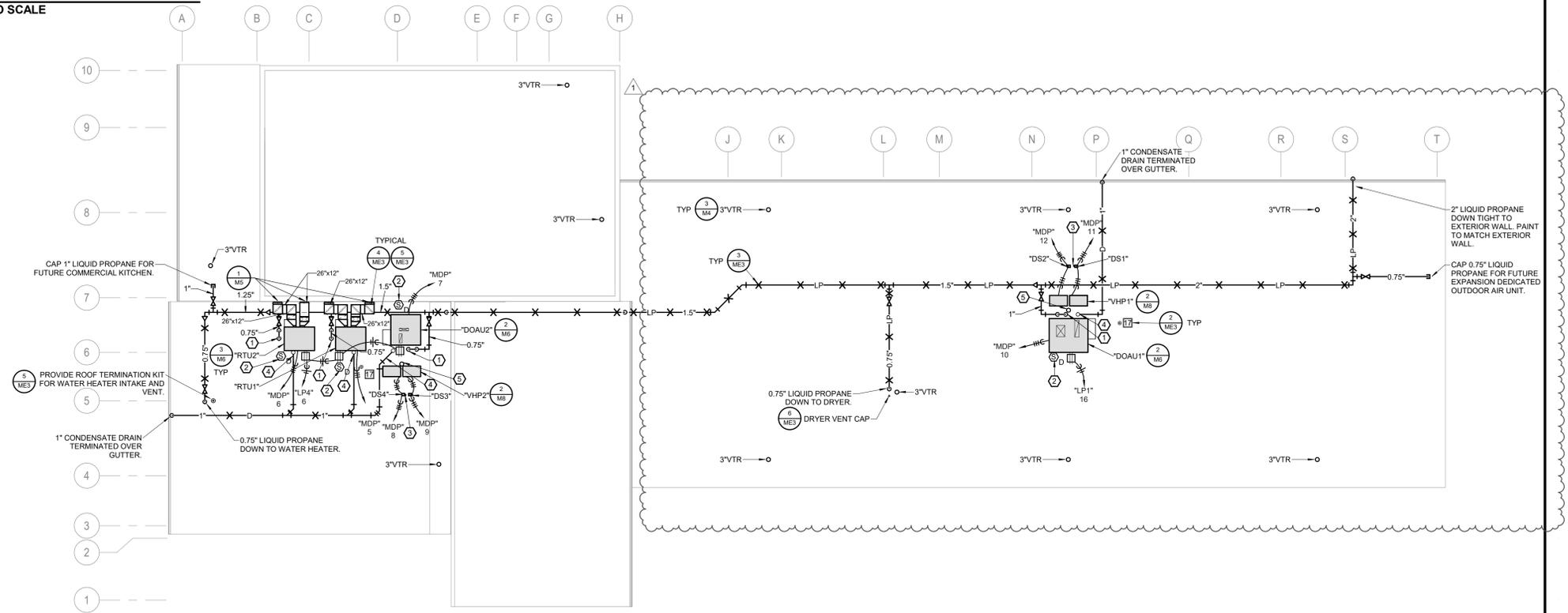
4 EXTERIOR SUPPLY AND RETURN AIR DUCT DETAIL
SCALE: NOT TO SCALE



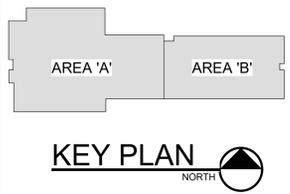
6 DUCT PENETRATION THROUGH ROOF
SCALE: NOT TO SCALE



5 STORM SHELTER DUCT PROTECTION DETAIL
SCALE: NOT TO SCALE



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





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06.15.21

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ENGINEER OF RECORD: JAL
DRAWN BY: JAM
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| No. | Description | Date |
|-----|-------------|------------|
| 1 | AD. 01 | 06-15-2021 |

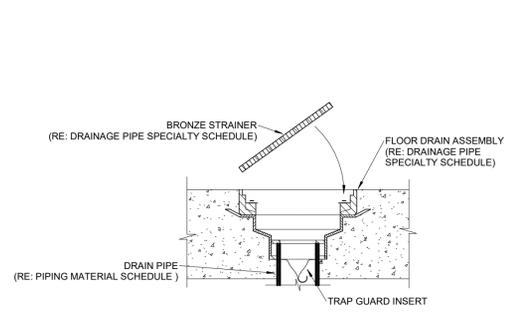
PROJECT DESCRIPTION:
M2 MARSHFIELD ECC
AREA 'B' UNDERGROUND PLUMBING PLAN
PROJECT NUMBER:
20-602
DATE:
06/02/2021

GENERAL NOTES:

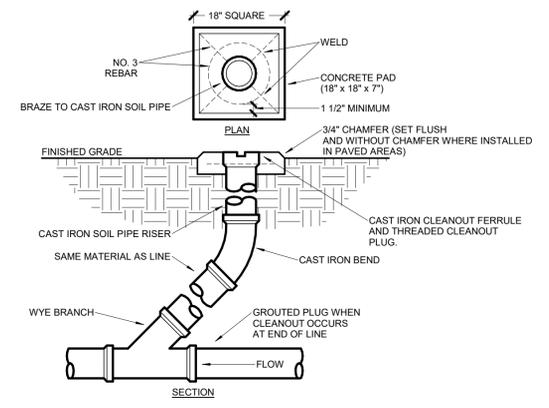
- FOR ALL MECHANICAL QUESTIONS ON THIS PROJECT, CONTACT RTM ENGINEERING CONSULTANTS AT (417) 881-0020. CONTACT: TYLER ENSERRO.
- PROVIDE ACCESS PANELS WHEREVER NECESSARY TO PROVIDE ACCESS TO VALVES, JUNCTION BOXES, ETC. LOCATED IN CONCEALED SPACES.
- ALL EQUIPMENT, FIXTURES, MATERIALS, ETC. SHALL BE INSTALLED IN A NEAT, PROFESSIONAL MANNER IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. COORDINATE ALL DUCTWORK, PIPING AND LIGHTING IN EXPOSED AREAS PRIOR TO INSTALLATION.
- 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.
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- 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:

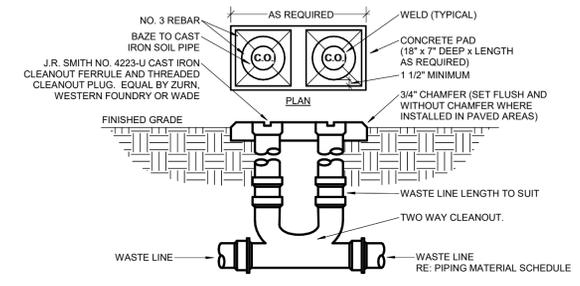
- 4" WASTE UP TO FINISHED GRADE CLEANOUT.
- 4" WASTE UP TO FINISHED FLOOR CLEANOUT.
- 4" WASTE UP TO WATER CLOSET.
- 2" WASTE UP TO LAVATORY / SINK.
- 3" TRAPPED WASTE UP TO JANITOR'S BASIN.
- 2" WASTE UP TO WATER COOLER.
- 2" WASTE UP TO WASHER BOX.
- 2" WASTE UP TO LAUNDRY TUB.
- 2" TRAPPED WASTE UP TO FLOOR DRAIN WITH TRAP GUARD INSERT.
- 3" CIRCUIT VENT UP.
- 2" CIRCUIT VENT UP.



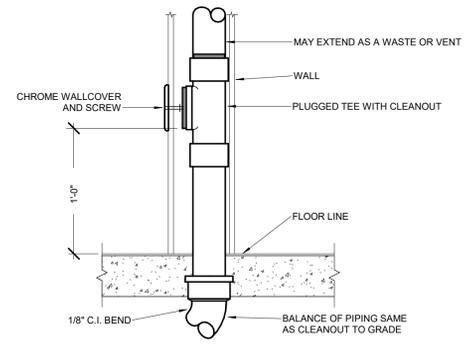
6 FLOOR DRAIN DETAIL
SCALE: NOT TO SCALE



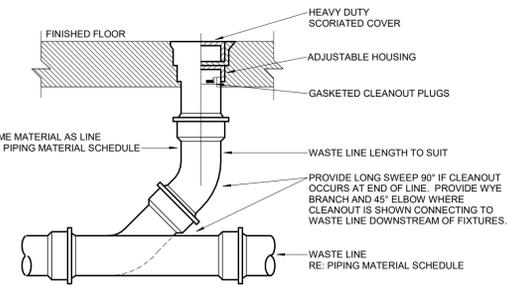
3 FINISH GRADE CLEANOUT DETAIL
SCALE: NOT TO SCALE



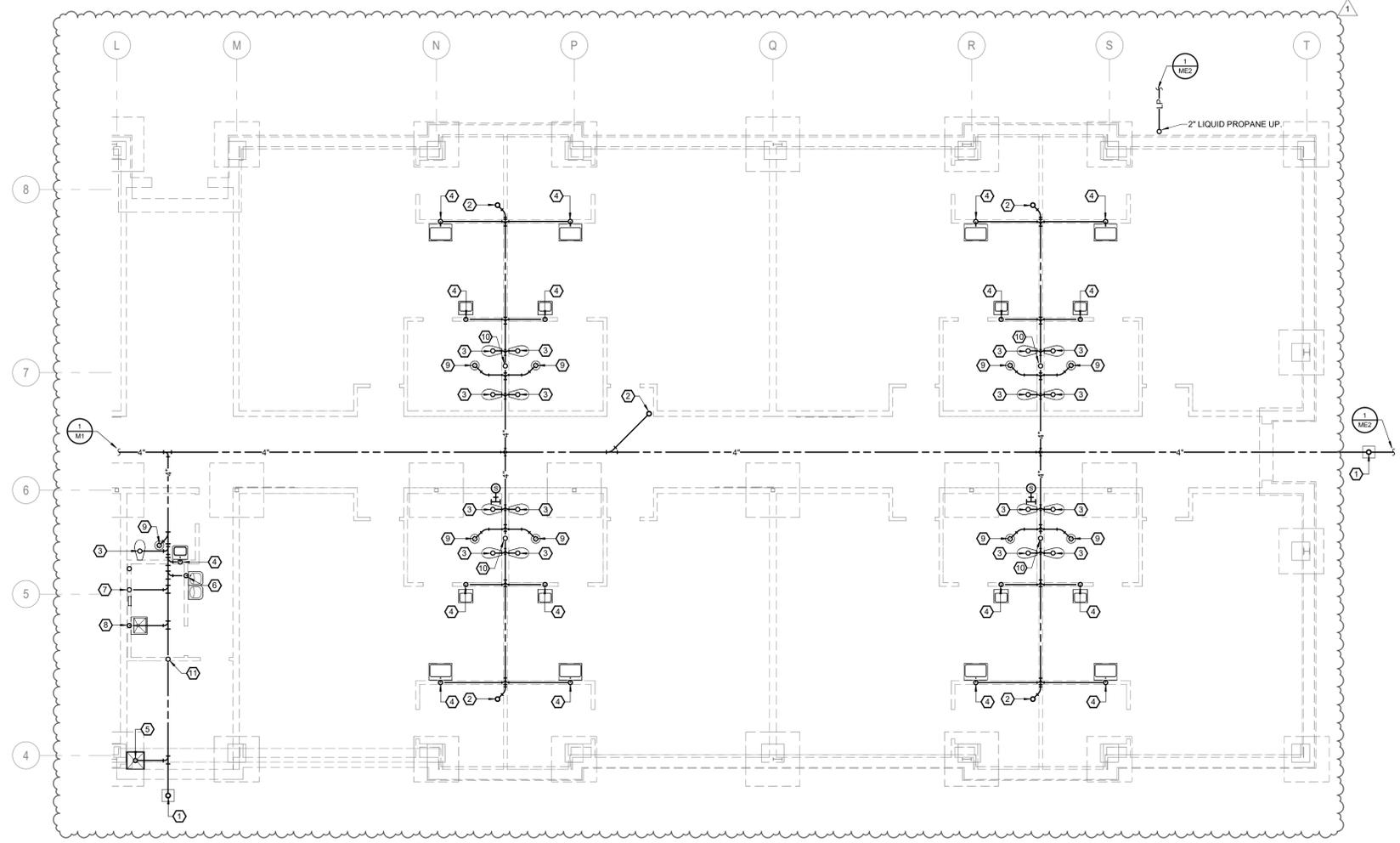
2 2-WAY FINISH GRADE CLEANOUT DETAIL
SCALE: NOT TO SCALE



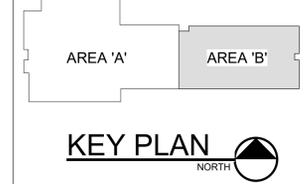
5 WALL CLEANOUT DETAIL
SCALE: NOT TO SCALE



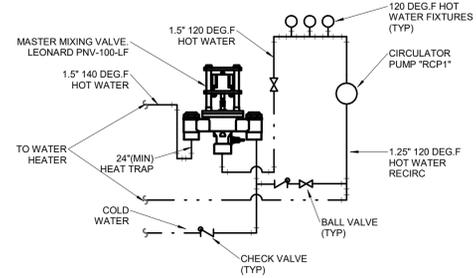
4 FLOOR CLEANOUT DETAIL
SCALE: NOT TO SCALE



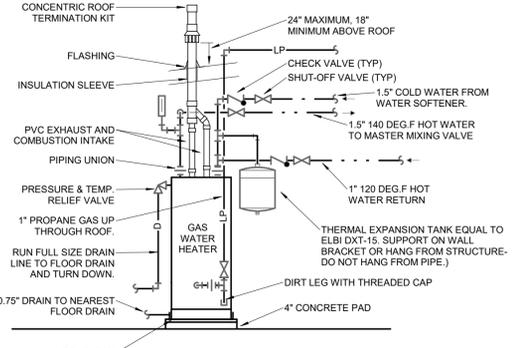
1 AREA 'B' UNDERGROUND PLUMBING PLAN
SCALE: 1/8" = 1'-0"
NORTH



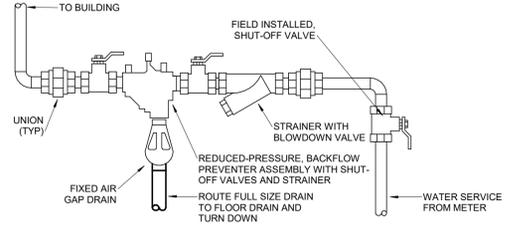
KEY PLAN
NORTH



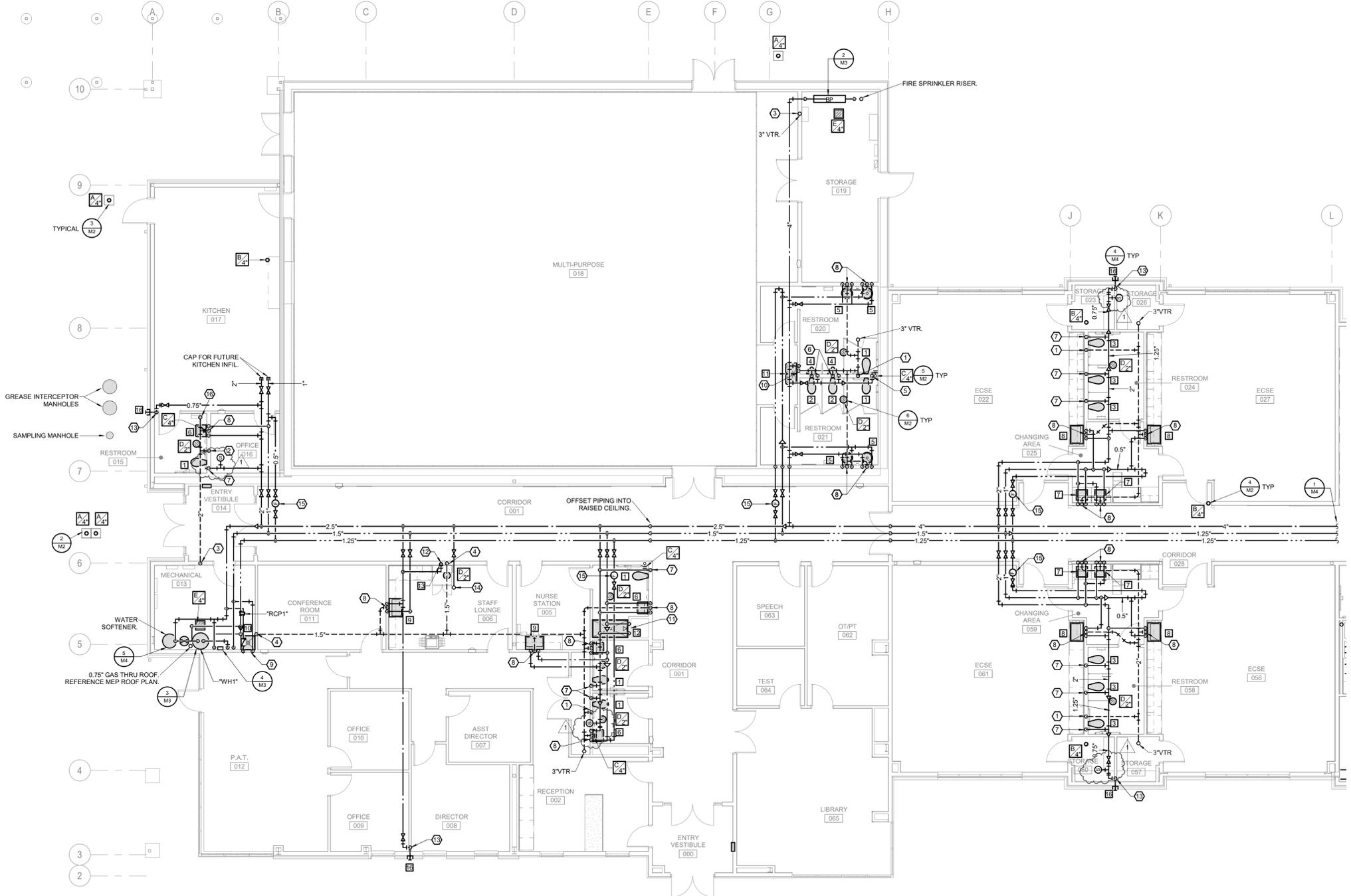
4 MASTER MIXING VALVE DETAIL
SCALE: NOT TO SCALE



3 WATER HEATER DETAIL
SCALE: NOT TO SCALE



2 WATER SERVICE ENTRANCE DETAIL
SCALE: NOT TO SCALE



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

GENERAL NOTES:

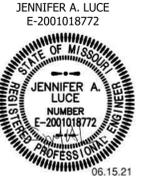
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- F. ALL EQUIPMENT SHALL BE INSTALLED TO ALLOW FULL MAINTENANCE PER MANUFACTURER RECOMMENDATIONS.
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PLAN HEX NOTES:

- 1 3" CIRCUIT VENT DOWN.
- 2 2" CIRCUIT VENT DOWN.
- 3 2" VENT DOWN.
- 4 1.5" VENT DOWN.
- 5 1.5" COLD WATER DOWN. EXTEND 1.25" COLD WATER TO EACH WATER CLOSET.
- 6 1.5" VENT AND 1.5" COLD WATER DOWN. EXTEND 1.25" COLD WATER TO WATER CLOSET AND 0.75" COLD WATER TO URINAL.
- 7 1.25" COLD WATER DOWN TO WATER CLOSET.
- 8 1.5" VENT, 0.5" COLD WATER, AND 0.5" HOT WATER DOWN TO LAVATORY/SINK.
- 9 0.5" COLD AND HOT WATER DOWN TO JANITORS BASIN.
- 10 1.5" VENT AND 0.5" COLD WATER DOWN TO WATER COOLER.
- 11 0.5" COLD AND HOT WATER DOWN TO SHOWER VALVE.
- 12 0.5" COLD WATER DOWN TO ICE MAKER BOX.
- 13 0.75" COLD WATER DOWN TO FREEZE PROOF WALL HYDRANT.
- 14 0.75" COLD WATER UP THROUGH ROOF TO ROOF HYDRANT.
- 15 SET AUTO FLOW VALVE TO 1 GPM.
- 16 3" VENT UP TO 4" VTR.



KEY PLAN



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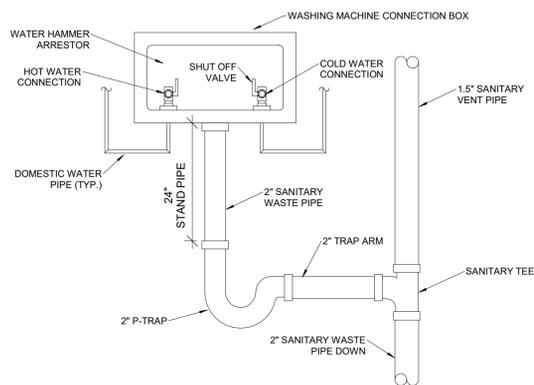
rtm engineering consultants
MISSOURI STATE CERTIFICATE OF AUTHORITY #A-2019000419
417.881.0020
www.rtmec.com
1001 W. BROADWAY, SUITE 1000, SPRINGFIELD, MO 65801



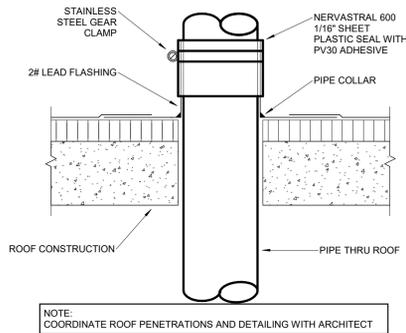
| No. | Description | Date |
|-----|-------------|------------|
| 1 | AD 01 | 06-15-2021 |

M3 MARSHFIELD ECC AREA 'A' PLUMBING PLAN
PROJECT NUMBER: 20-602
DATE: 06/02/2021
PROJECT DESCRIPTION: MARSHFIELD ECC
600 N LOCUST ST
MARSHFIELD, MO 65706
ENGINEER OF RECORD: JAL
DRAWN BY: JAM
CHECKED BY: JAL

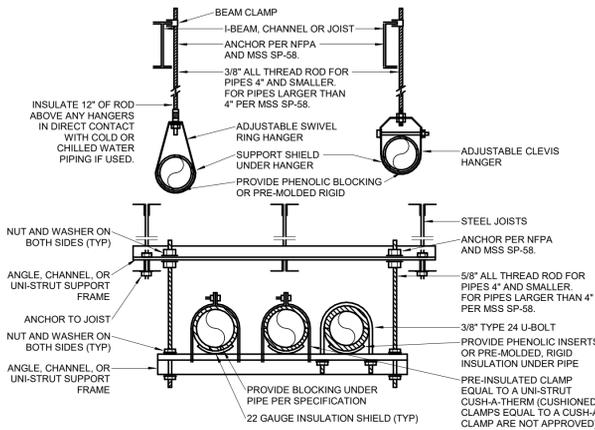
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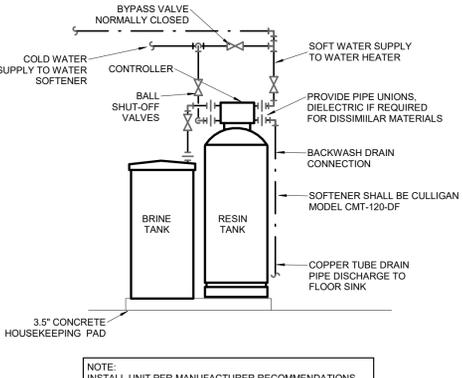
6 WASHING MACHINE CONNECTION BOX
SCALE: NOT TO SCALE



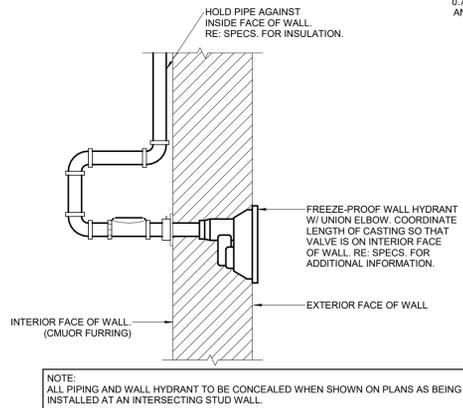
3 VENT THRU ROOF DETAIL
SCALE: NOT TO SCALE



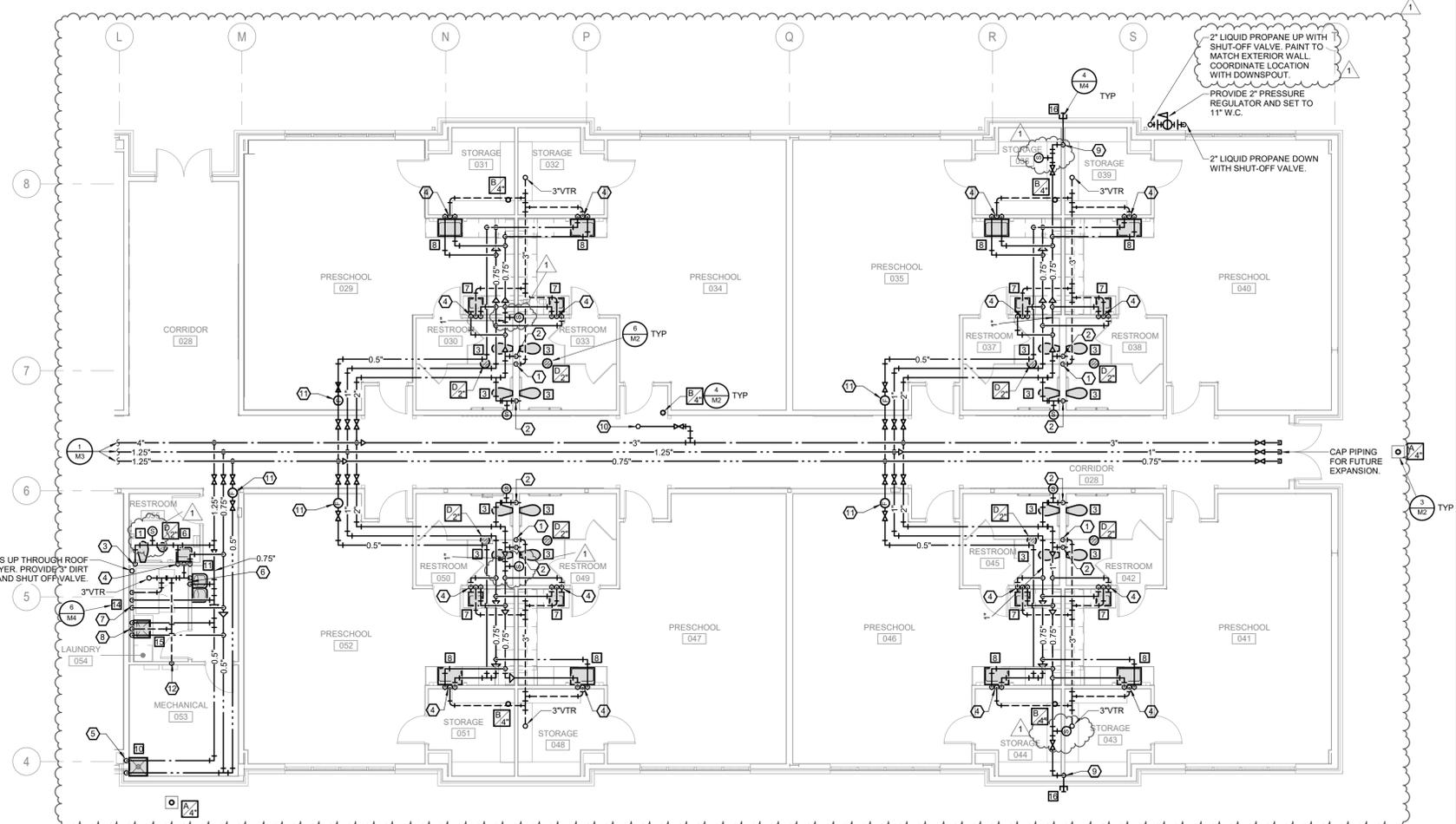
2 PIPE HANGER DETAIL
SCALE: NOT TO SCALE



5 WATER SOFTENER DETAIL
SCALE: NOT TO SCALE

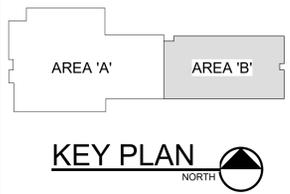


4 WALL HYDRANT DETAIL
SCALE: NOT TO SCALE



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

- GENERAL NOTES:**
- A. FOR ALL MECHANICAL QUESTIONS ON THIS PROJECT, CONTACT RTM ENGINEERING CONSULTANTS AT (417) 881-0020. CONTACT: TYLER ENSERRO.
 - B. PROVIDE ACCESS PANELS WHEREVER NECESSARY TO PROVIDE ACCESS TO VALVES, JUNCTION BOXES, ETC. LOCATED IN CONCEALED SPACES.
 - C. ALL EQUIPMENT MATERIALS, ETC. SHALL BE INSTALLED IN THE MANNER, PROFESSIONAL MANNER IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. COORDINATE ALL DUCTWORK, WIRING, AND LIGHTING IN EXPOSED AREAS PRIOR TO INSTALLATION.
 - D. PROVIDE WATER REPAIR KIT FOR PATCH AND REPAIR FOR ALL FIRE RATED ASSEMBLIES. ALL OPENINGS SHALL BE SEALED AFTER COULD BE NON-WATERPROOF DOWN TO LAVEL.
 - E. COORDINATE PIPING OVER ELECTRICAL PANELS.
 - F. ALL EQUIPMENT SHALL BE INSTALLED TO ALLOW FULL MAINTENANCE FROM EITHER SIDE OF WATER COOLER RECOMMENDATIONS.
 - G. 1.5" VENT, 0.5" COLD WATER, AND 0.5" HOT WATER DOWN TO WAREHOUSES PIPING AND SUPPORTS SHALL BE PAINTED PER THE ARCHITECT'S DIRECTION.
 - H. 1.5" VENT, 0.5" COLD WATER, AND 0.5" HOT WATER DOWN TO LAUNDRY CONTRACTOR SHALL REVIEW THE BID DOCUMENTS AS A WHOLE. INCLUDING ALL OTHER TRADES' DRAWINGS AND PROVIDE 0.75" LIQUID PROPANE WATER REPAIR KIT BY INSURING TO COMPLETE THE WORK SHOWN ON ALL BID DOCUMENTS.
 - I. USE OF WATER REPAIR KIT IS NOT TO BE USED FOR 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 ARCHITECT PRIOR TO CONSTRUCTION.
 - J. COORDINATE WITH STRUCTURAL, ARCHITECTURAL, AND EQUIPMENT DRAWINGS FOR OVERALL SCOPE OF WORK.



KEY PLAN

JENNIFER A. LUCE
E-2001018772

MISSOURI STATE CERTIFICATE OF AUTHORITY #A-2018000415

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engineering consultants
rtm

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

PROJECT DESCRIPTION:
M4 MARSHFIELD ECC AREA 'B' 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

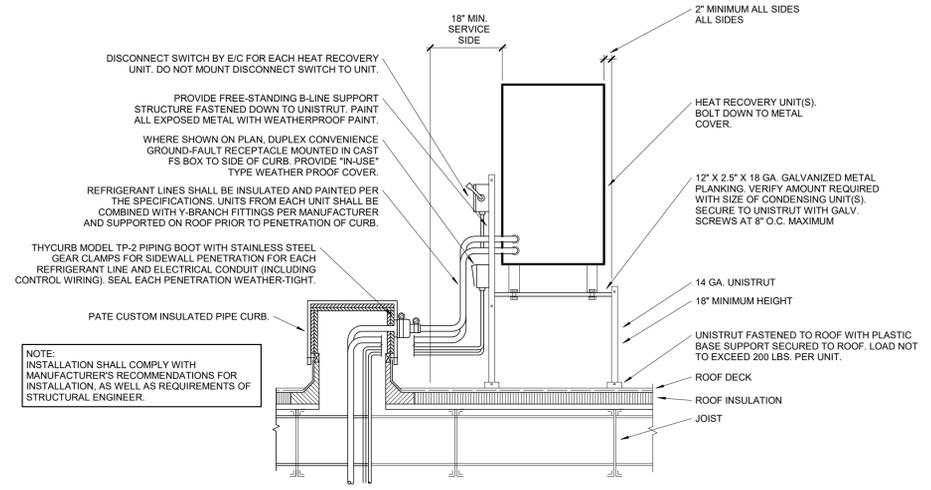
| No. | Description | Date |
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| 1 | AD 01 | 06-15-2021 |

GENERAL NOTES:

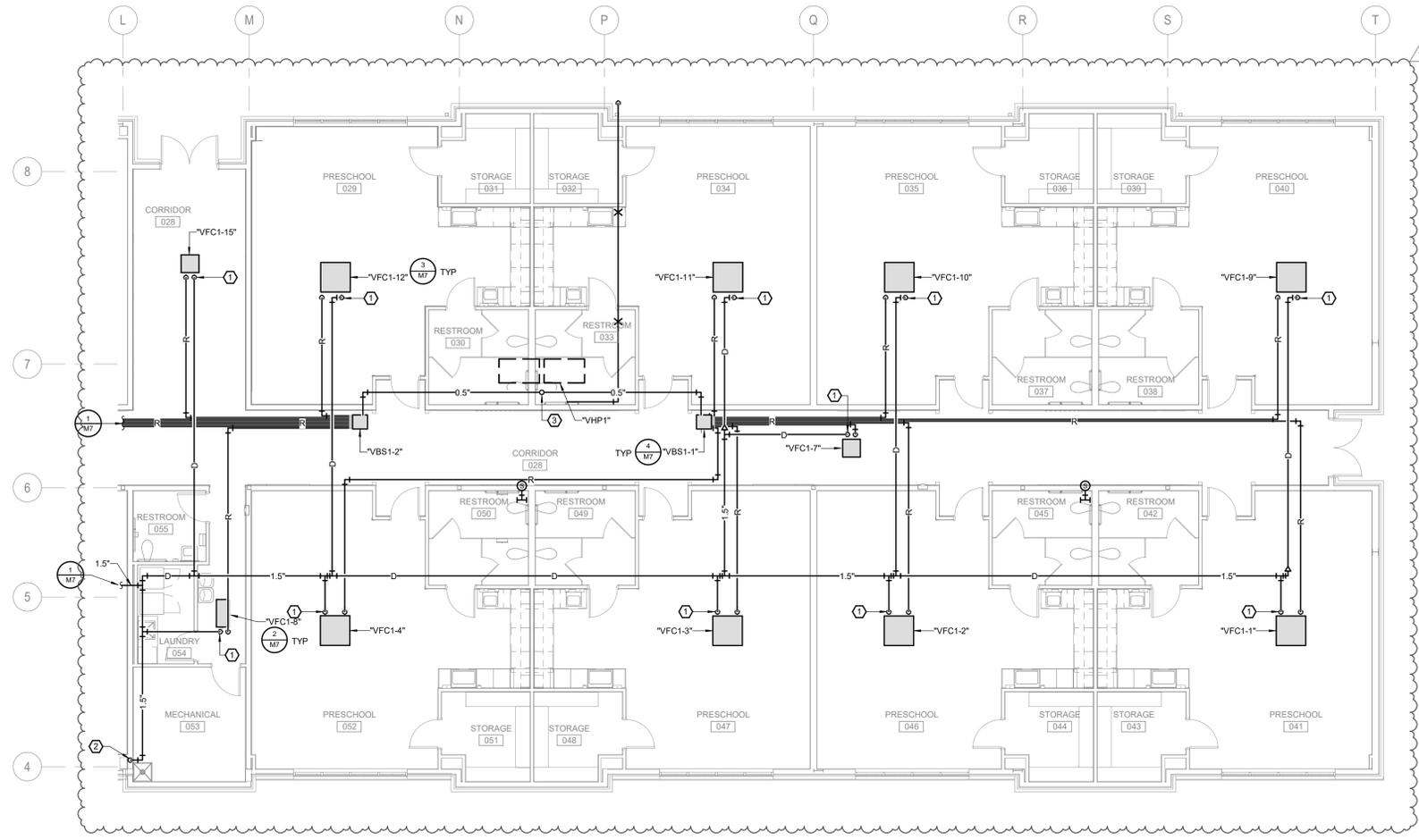
- A. FOR ALL MECHANICAL QUESTIONS ON THIS PROJECT, CONTACT RTM ENGINEERING CONSULTANTS AT (417) 881-0020. CONTACT: TYLER ENSERRO.
- B. ALL PIPING SHALL BE INSTALLED PARALLEL TO THE BUILDING STRUCTURE AND ELEMENTS TO PROVIDE A NEAT AND PROFESSIONAL APPEARANCE.
- C. ALL EXPOSED REFRIGERANT PIPING SHALL BE ROUTED IN HARD COPPER. SOFT (ROLL TYPE) COPPER SHALL NOT BE ALLOWED. TWINNED, PRE-INSULATED PIPING SHALL NOT BE ALLOWED.
- D. ALL EXPOSED REFRIGERANT AND CONDENSATE PIPING SHALL BE PROVIDED WITH ELASTOMERIC INSULATION, SLIDE ON TYPE, WITH NO LATERAL SEPARATION. ALL EXPOSED INSULATION SHALL HAVE THE COLOR SELECTED BY THE ARCHITECT.
- E. WHERE PIPING IS INSTALLED BELOW 9'-0" A.F.F., ALL PIPING INSULATION SHALL BE WRAPPED WITH A WHITE PVC JACKET. THE LAP SEAM SHALL BE INSTALLED OUT OF VIEW.
- F. ALL EXPOSED PIPING SUPPORTS SHALL BE PAINTED PER THE ARCHITECT'S DIRECTION.
- G. ALL EXPOSED PIPING PENETRATIONS THROUGH WALLS, FLOORS, CEILINGS, AND ROOFS SHALL BE INSTALLED TO PROVIDE A NEAT AND PROFESSIONAL APPEARANCE. ALL PENETRATIONS SHALL BE PROVIDED WITH ESCUTCHEONS. ESCUTCHEONS SHALL BE SINGLE PIECE STAINLESS STEEL. PIPING PENETRATIONS SHALL BE SPACED FOR INSULATION TO PASS THROUGH THE OPENING AND ALLOW FOR THE ESCUTCHEON TO BE INSTALLED WITHOUT INTERFERING WITH ADJACENT PIPING. ESCUTCHEONS SHALL BE INSTALLED FLUSH TO THE SURFACE PENETRATION.
- H. ALL REFRIGERANT PIPE FITTINGS SHALL BE BRAZED WELD CONNECTIONS OR PRESS TYPE FITTINGS SPECIFICALLY APPROVED AND RECOMMENDED BY THE VRF EQUIPMENT MANUFACTURER. FLARE FITTINGS SHALL NOT BE ALLOWED.
- I. ISOLATION VALVES SHALL BE INSTALLED ON ALL REFRIGERANT PIPING BETWEEN THE BOX CONTROLLER AND THE FAN COIL UNITS. SCHRADER VALVES SHALL BE INSTALLED BETWEEN THE ISOLATION VALVE AND THE FAN COIL UNIT. ANY ADDITIONAL VALVING SHALL BE FURNISHED AND INSTALLED PER THE VRF EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
- J. ALL EXPOSED PIPING SHALL BE ROUTED AS HIGH AS POSSIBLE, UNLESS NOTED OTHERWISE.
- K. ROUTING OF REFRIGERANT PIPING IS SHOWN FOR CLARITY AS 1 PIPE PER 2 REFRIGERANT PIPES.
- L. SIZE AND INSTALL ALL REFRIGERANT PIPING PER MANUFACTURER'S RECOMMENDATIONS.
- M. ALL CONDENSATE DRAIN PIPING SHALL BE INSULATED. SEE SPECIFICATIONS.

PLAN HEX NOTES:

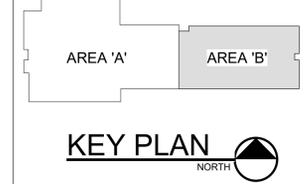
- 1. LINE SIZE CONDENSATE DRAIN DOWN TO VRF FAN COIL INTEGRAL LIFT STATION PER MANUFACTURER'S CONNECTION SIZE.
- 2. 1.5" CONDENSATE DRAIN DOWN IN WALL AND TERMINATE ABOVE JANITOR'S BASIN.
- 3. REFRIGERANT PIPING UP TO VRF HEAT PUMP ON ROOF.



2 ROOF MOUNTED HEAT RECOVERY UNIT DETAIL
M8 SCALE: NOT TO SCALE



1 AREA 'B' HVAC PIPING PLAN
M8 SCALE: 1/8" = 1'-0" NORTH





JENNIFER A. LUCE
E-2001018772
06.15.21

- 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.

MISSOURI STATE CERTIFICATE OF AUTHORITY #A-2018000415

PARAGON

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



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

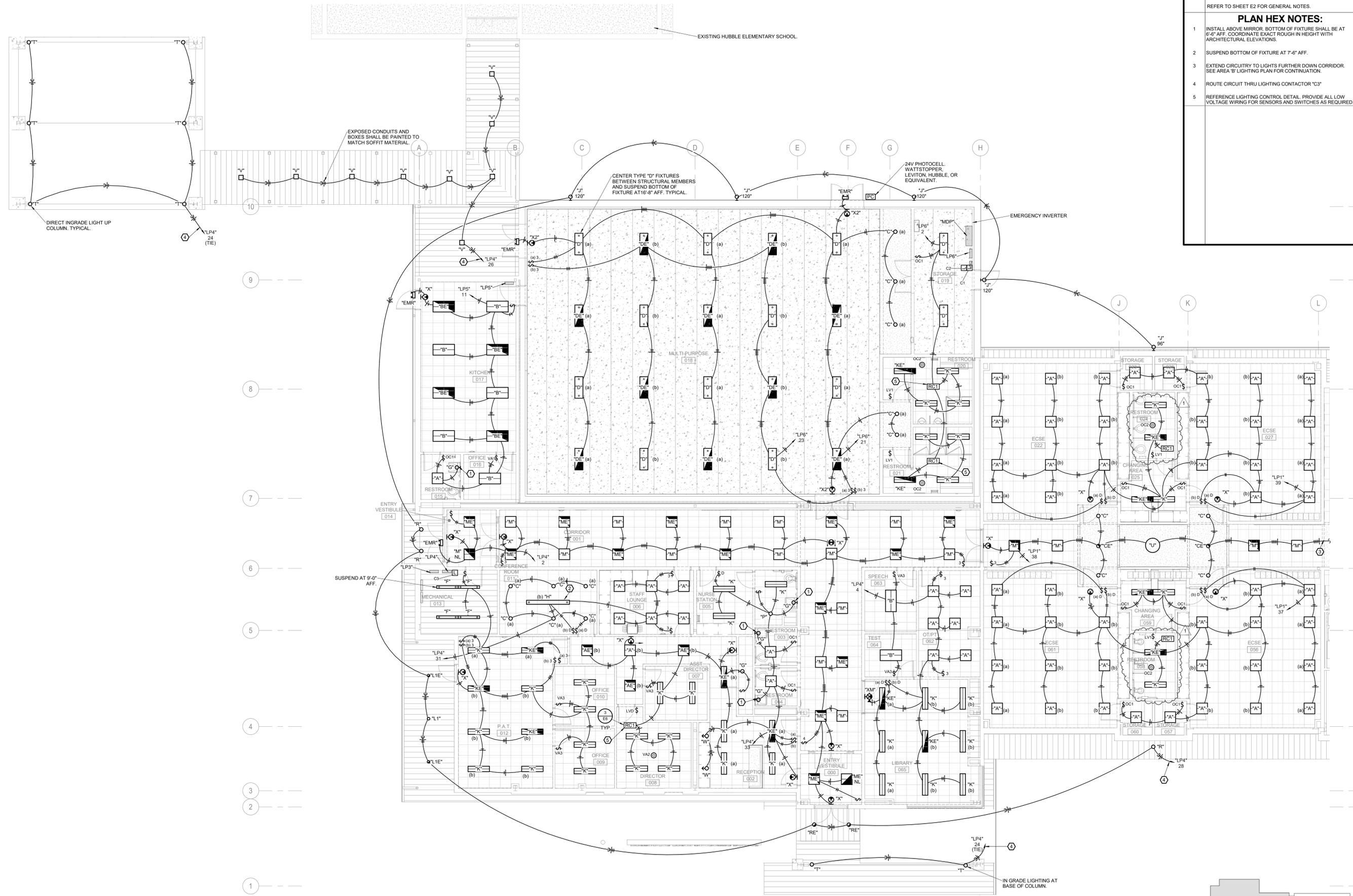
PROJECT DESCRIPTION:
E1 MARSHFIELD ECC AREA 'A' LIGHTING PLAN

SHEET NUMBER:
20-602

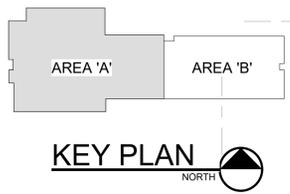
PROJECT NUMBER:
600 N LOCUST ST
MARSHFIELD, MO 65706

DATE:
06/02/2021

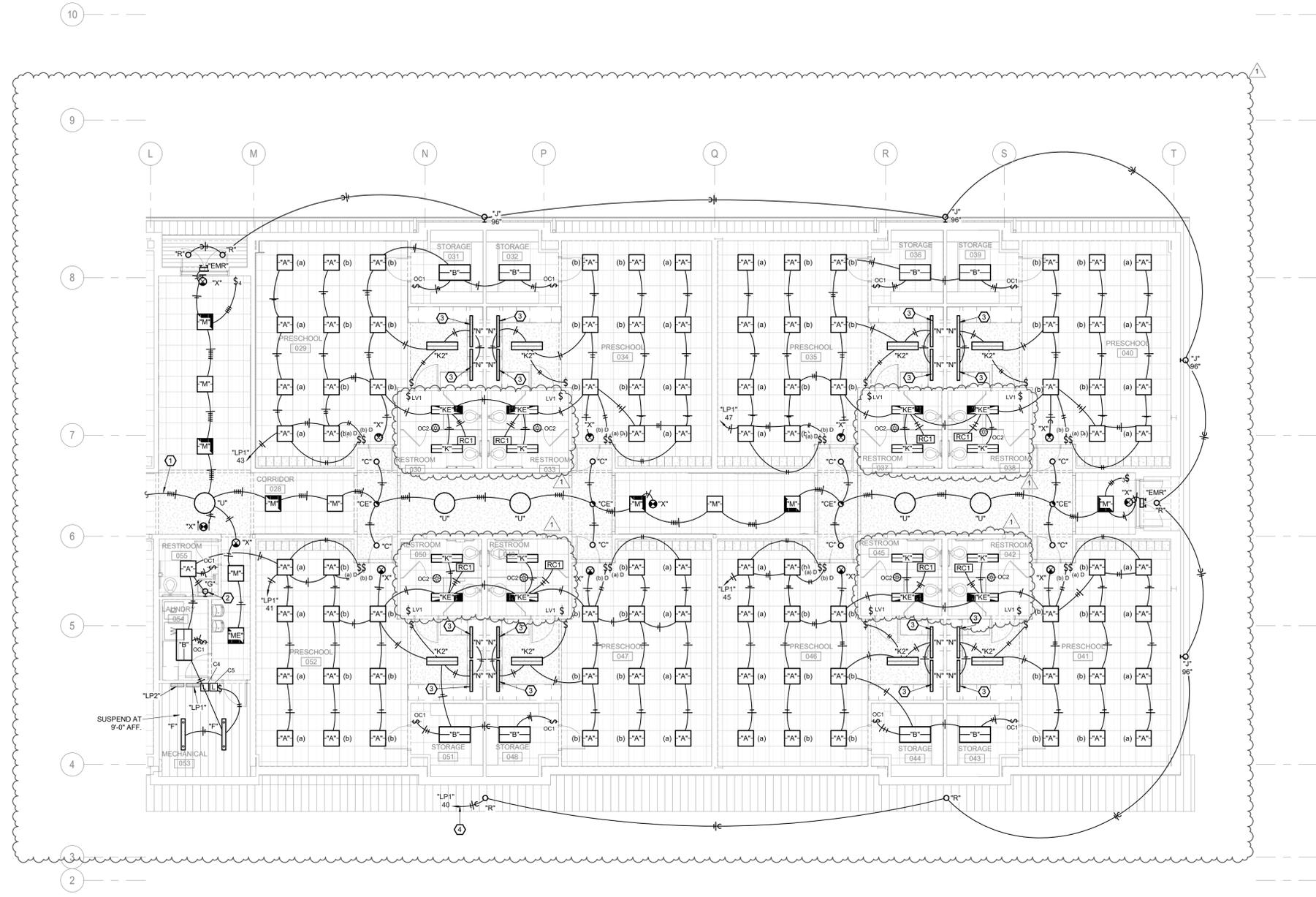
ENGINEER OF RECORD: JAL
DRAWN BY: TSE
CHECKED BY: JAL



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



THIS WORK IS PROTECTED UNDER U.S. COPYRIGHT LAW AND THE ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990. FAILURE TO COMPENSATE PARAGON ARCHITECTURE FOR THE USE OF THESE DRAWINGS AS GOVERNED BY THE TERMS OF THE CLIENT-ARCHITECT AGREEMENT (CONTRACT ON FILE), OR 5% OF THE COST OF CONSTRUCTION MINIMUM IF CONTRACT IS IMPLIED USE OF THESE DOCUMENTS OR RESULTS IN THE LOSS OF PERMISSION TO USE THESE DOCUMENTS FOR ANY PURPOSE, BY ANYONE. USE OF THESE DOCUMENTS AFTER FAILURE TO COMPENSATE THE ARCHITECT CONSTITUTES COPYRIGHT INFRINGEMENT. A SERVICE FEE OF 1.5% WILL BE CHARGED PER MONTH ON THE UNPAID BALANCE. THE USER OF THESE DRAWINGS SHALL PAY ALL COSTS OF COLLECTION, INCLUDING ATTORNEY'S FEES.



1
E2 AREA 'B' LIGHTING PLAN
SCALE: 1/8" = 1'-0" NORTH

GENERAL NOTES:

- A. THESE GENERAL NOTES APPLY TO ALL ELECTRICAL AND SPECIAL SYSTEMS DRAWINGS. REFER TO DIVISION 26, 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 GC 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. EXTEND CIRCUITRY TO LIGHTS FURTHER DOWN CORRIDOR. SEE AREA 'A' LIGHTING PLAN FOR CONTINUATION.
- 2. INSTALL ABOVE MIRROR. BOTTOM OF FIXTURE SHALL BE AT 6'-6" AFF. COORDINATE EXACT ROUGH IN HEIGHT WITH ARCHITECTURAL ELEVATIONS.
- 3. INSTALL FIXTURES UNDER UPPER CABINET. COORDINATE WITH MILLWORK DRAWINGS.
- 4. ROUTE CIRCUIT THRU LIGHTING CONTACTOR "C4"



KEY PLAN NORTH

JENNIFER A. LUCE
E-2001018772

MISSOURI STATE CERTIFICATE OF AUTHORITY #A-2018000415

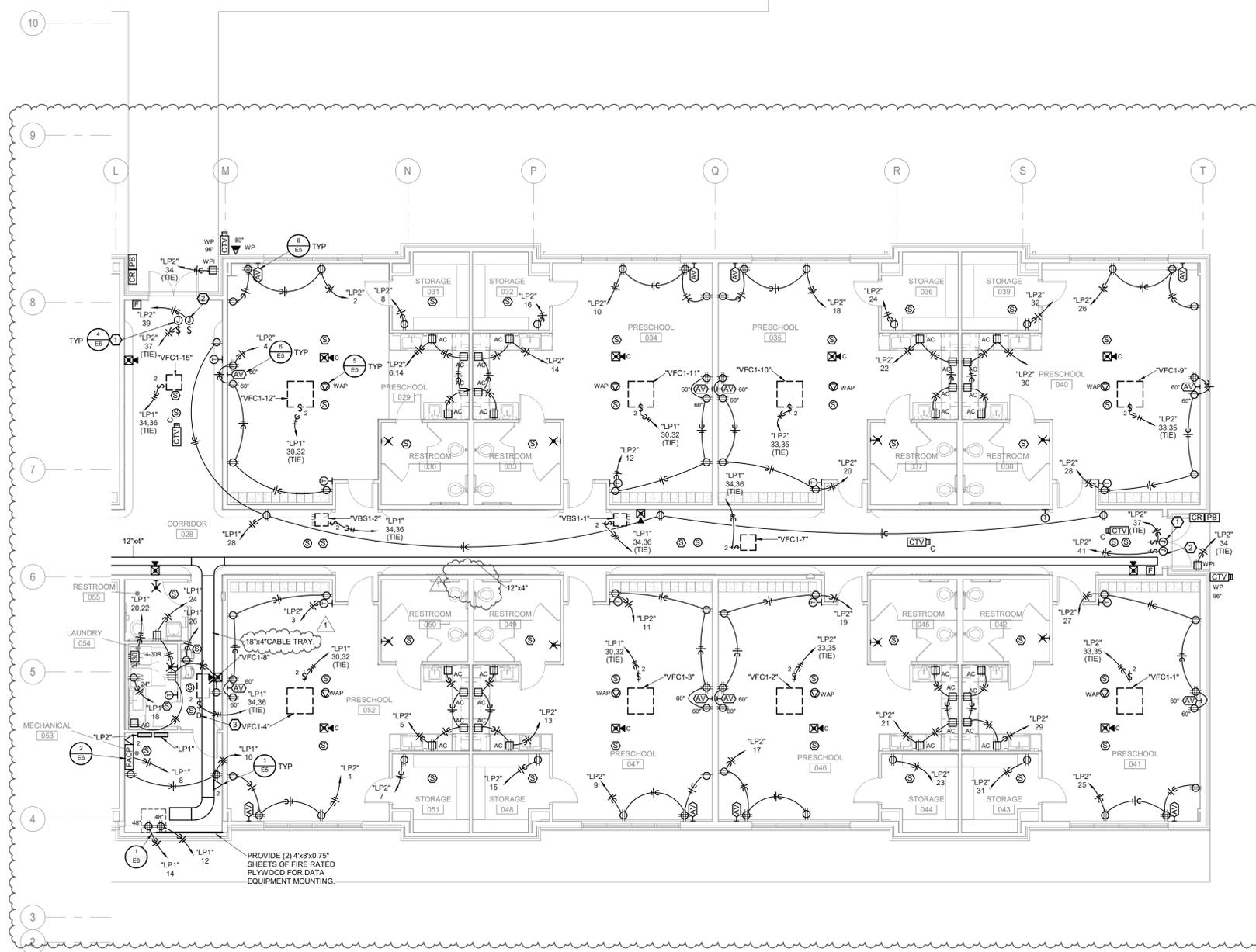
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engineering consultants
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417.885.0000
www.rtm-consultants.com
COMPLIANT WITH MISSOURI STATE BOARD OF ARCHITECTURE

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

PROJECT DESCRIPTION:
E2 MARSHFIELD ECC
AREA 'B' LIGHTING PLAN
PROJECT NUMBER:
20-602
DATE:
06/02/2021

600 N LOCUST ST
MARSHFIELD, MO 65706
ENGINEER OF RECORD: JAL
DRAWN BY: TSE
CHECKED BY: JAL



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/O 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 READERS, 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.



KEY PLAN
NORTH

JENNIFER A. LUCE
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| No. | Description | Date |
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PROJECT DESCRIPTION:
E4 MARSHFIELD ECC
AREA 'B' POWER PLAN
PROJECT NUMBER:
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06/02/2021

600 N LOCUST ST
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ENGINEER OF RECORD: JAL
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