



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

Addendum (ADD) #02

Project:	20-602: Marshfield Early Childhood Center
Client:	Marshfield R-I School District
Date:	June 18, 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. *Exterior Material Selections:*
 - a. 034500 Precast Architectural Concrete: Basis-of-Design to be Northwest Cast Stone, Light Buff
 - b. 042001 Masonry Veneer: Basis-of-Design to be Meridian Brick, Mineral Wells Collection, Hickory Trail
 - c. 041313 Stone Masonry Veneer: Basis-of-Design to be Cultured Stone, Pro Fit LedgeStone, Southwest
 - d. 084313 Aluminum-Framed Storefront: Basis-of-Design to be Dark Bronze.
 - e. 133419 Metal Building Systems: Basis-of-Design to be as follows...
 - i. Main Roof
 1. Roofing: MBCI BattenLok HS, Charcoal Gray
 2. Soffit: MBCI Artisan Series L12 with Beads, Charcoal Gray
 - ii. Sunshade/Overhangs (Classroom & Entry)
 1. Roofing: MBCI BattenLok HS, Slate Gray
 2. Soffit: MBCI Artisan Series L12 with Beads, Slate Gray
 - iii. Downspouts & Gutter: Charcoal Gray
 - iv. Metal Panels
 1. Multi-Purpose Metal Panels: MBCI CF Flute and MBCI 7.2 Insul-Rib.
 - a. Color: Varies
 2. Horizontal Metal Panel: MBCI CF Architectural Horizontal
 - a. Color: Varies
 3. Vertical Metal Panel: MBCI CF Architectural
 - a. Color: Varies
2. *Pre-Bid Conference:*
 - a. Pre-Bid Conference agenda is attached along with sign-in sheet.
3. *Substitution Requests:*
 - a. 042000 Unit Masonry: Light-weight block in lieu of heavy-weight block.
 - i. Substitution Request was accepted.

SPECIFICATIONS:

1. 042616 Adhered Masonry Veneer:
 - a. Revise
 - i. Removed from Project Manual.
2. 044313 Stone Masonry Veneer:
 - a. Revise
 - i. Added to Project Manual.
3. 078100 Applied Fire Protection:
 - a. Revise
 - i. Removed from Project Manual.
4. 101400 Signage:
 - a. Clarify
 - i. A building plaque is required to be included.
5. *Appendix A:*



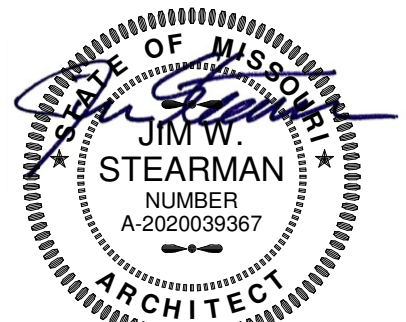
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- a. Revise
 - i. Added Annual Wage Order for Webster County.

DRAWINGS:

- 6. *Sheet G0-1 – Area A Code Plan:*
 - a. Revise, Detail 1
 - i. Signage was added to Rooms 023, 025, 026, 057, 059, 060, 066 and 018.
 - b. Clarify
 - i. 8 x 6 Unisex Restroom sign to be used at the following rooms: 003, 004, 015 and 055
 - ii. 8 x 6 Men Restroom sign to be used at the following room: 020
 - iii. 8 x 6 Women Restroom sign to be used at the following room: 021
 - iv. 8 x 8 Child Restroom sign to be used at the following rooms: 025 (2), 059 (2), 030, 033, 037, 038, 042, 045, 049 and 050
- 7. *Sheet A1-0 – Floor Plan - Area A:*
 - a. Clarify, Detail 1
 - i. There are upper cabinets in Room 061 per detail 3/A7-5.
 - b. Revise, Detail 1
 - i. All partitions classified as 'C' should be 'B'.
- 8. *Sheet A1-1 – Floor Plan - Area B:*
 - a. Revise, Detail 1
 - i. All partitions classified as 'C' should be 'B'.
- 9. *Sheet A1-3 – Plan Details:*
 - a. Revise, Detail 3
 - i. Signage depth removed from plan. Depth to be standard manufacturer's depth.
- 10. *Sheet A9-0 – Finish Plan – Area A:*
 - a. Revise, Finish Plan Legend
 - i. SC - Sealed Concrete was added.
 - ii. CG1 – Stainless Steel Corner Guards was added.
 - iii. WS – Window Shades was added.
 - b. Revise, Detail 1
 - i. WS locations were added.
- 11. *Sheet A9-1 – Finish Plan – Area B:*
 - a. Revise, Finish Plan Legend
 - i. SC - Sealed Concrete was added.
 - ii. CG1 – Stainless Steel Corner Guards was added.
 - iii. WS – Window Shades was added.
 - b. Revise, Detail 1
 - i. WS locations were added.
- 12. *Consultant Drawings:*
 - a. Revise
 - i. Civil Drawings
 - 1. Please see attached.

END OF ADDENDUM



6/17/2021
JIM W. STEARMAN, ARCHITECT
MO #: A-2020039367

ADDENDUM 02

DATE: June 18, 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.

DRAWING REVISIONS:

1. Sheet C501 was revised to reflect the Marshfield Planning & Zoning Committee comments, including the number of shrubs required, shrub locations, and plant species.
2. The Bioswale Typical Section Detail on Sheet C702 was revised to remove plants.

END OF ADDENDUM 02





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Pre-Bid Agenda

Project:	20-602: Marshfield Early Childhood Center
Client:	Marshfield R-I School District
Date:	June 16, 2021 at 2 PM

A. PROJECT INTRODUCTION:

- Project Name: Marshfield Early Childhood Center
- Project No.: 20-602

B. PROJECT DESCRIPTIONS:

- The Marshfield Early Childhood Center project consists of approximately 24,000 SF early childhood center that includes 12 classrooms (8 preschool and 4 special education), a library, administration offices, warming kitchen and an ICC-500 rated shelter.

C. TEAM INTRODUCTIONS:

- Mr. Mike Henry, Marshfield School District, Superintendent
Bryan Gower, Marshfield School District, Director of Maintenance
Mike Freitas, RE Smith Construction Company, Project Manager
Kirsten M. Whitehead, Paragon Architecture, Project Manager

D. BIDDING AND CONTRACTING REQUIREMENTS:

- The Contractor shall seal their Bid in an envelope and clearly mark the outside with the Name of the Project and with Company Name/Letterhead.
- Bids will be received at **Marshfield High School Library**.
- Bids will be opened and read aloud on **June 29, 2021 at 3 PM**.
- The following items are required with each Bid. These forms are available in the Project Manual. Copies of these forms may be made but original signatures must be on the forms submitted at the time of Bid:
 - Bid Form
 - Signed Bid
 - Words AND Numbers – Words shall govern
 - Acknowledgement of Addenda
 - Include Alternates
 - Include Unit Prices
 - Include in the Bid Price the Quantity shown at the Unit Price Bid. These are allowance quantities **IN ADDITION TO** any quantities indicated elsewhere in the Bid Documents as included in the Base Bid.
- Anticipated Notice to Proceed: **July 6, 2021**.
- Anticipated date for last Addendum: Insert **June 25, 2021**.
 - All questions must be submitted by **June 23, 2021**.

E. INSTRUCTIONS TO BIDDERS:

- Contractor's Insurance:
 - Worker's Compensation for ALL employees
 - Public Liability and Property Damage in the amounts listed in the Bid Documents
 - Builder's Risk insurance is identified in the draft contract draft in the project manual.
- A Certificate of Insurance is required to be on file prior to any Work on Site.
- Sales Tax: A tax exemption certificate shall be issued to the successful Contractor upon award of the Contract. It is the Contractor's responsibility to ensure that copies of the certificate are provided to other necessary parties per RSMo144.06203.



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- A Project Tax Exemption Form 5060 with Exempt Entity and Project Information will be issued to the successful Contractor upon award of the Contract. It is the Contractor's responsibility to complete the Contractor and Subcontractor information.
- Building Permit: Marshfield R-I School District
- Trade Permits, Tap and Meter Fees (plumbing, mechanical, electrical, gas, etc.) are to be obtained by the Contractor and costs are to be included in the Base Bid.
- Prevailing Wage Order: The Contractor and each Subcontractor engaged in any construction of public works shall keep full and complete certified payroll records. The current wage order is included in the Project Manual for reference by the Contractor.
 - Prior to commencement of the Work, the Contractor shall complete the Division of Labor Standards Form PW-2.
- Application for Payment: Each application for payment shall be submitted on the AIA G702 Form with a 5% retainage to be held until project completion at the discretion of Architect.
- Periodic Applications for Payment: Certified payroll reports and lien waivers are required from the Contractor and all Subcontractors.
 - Applications for payment will not be processed without up-to-date and complete certified payroll reports and lien waivers. Refer to the Project Manual for more information.
- Final Application for Payment: Before final payment is released, the Contractor shall provide all certified payroll reports, final lien waivers, and the "Affidavit for Compliance with Prevailing Wage Law." This paperwork is required of the Contractor, as well as all Subcontractors, and Major Suppliers providing Work on the Project.
- Liquidated Damages: The Contractor and the Contractor's Surety, if any, shall be liable for and shall pay the Owner the sums hereinafter stipulated as liquidated damages, and not as a penalty, for each calendar day of delay after the date established for Substantial Completion in the Contract Documents until the Work is substantially complete. Liquidated damages shall consist of **\$500.00** per calendar day for failure to fulfill the terms of the Contract Documents.
 - Start Date of Construction shall be no later than **July 12, 2021**.
 - Substantial Completion shall be met on **August 12, 2022**.
 - Final Completion shall be met on **September 12, 2022**.

F. ADDITIONAL REQUIREMENTS

- All bidders must provide a sworn affidavit affirming participation in a federal work authorization program and stating that the bidder does not knowingly employ any person who is not authorized to work in the U.S.
- The contractor must comply with current Prevailing Wage laws and with all OSHA requirements including an approved 10-hour safety course.

G. RULES:

- Use of the Premises: The Site shall be maintained in a neat, clean, and organized manner. Corridors, stairs, and public areas shall remain unobstructed from construction materials, equipment, and/or debris. The Site shall be adequately secure at the end of each work day.
 - Take caution of crosswalks near the construction site.
 - Verify construction parking areas with the Owner.
- Workers shall be courteous and polite at all times: obscene language, gestures, etc. will not be tolerated.
- Tobacco Use Policy: No smoking or tobacco use on or near school property.
- Alcohol Use Policy: No alcohol use on or near school property.
- Substitutions:
 - Use designated substitutions forms in Section 012500 of the Project Manual.
 - Any and all acceptable substitutions will be listed by Addendum and sent to the designated plan room.
 - Request for Substitutions must be received no later than 5 days prior to Bid Opening.



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- If an accepted substitution later causes problems which are not pointed out in the Substitution Request, corrective action could include replacement with the specified item at no cost to the Owner. Refer to Project Manual for more information.

H. CONSTRUCTION SCHEDULE:

- Review requirements set forth within the Project Manual.
 - Anticipated Notice to Proceed: **July 6, 2021**
 - Submittal Process Begins: **July 12, 2021.**
 - On-Site Construction Begins: **July 12, 2021.**

I. SUMMARY OF WORK/DRAWINGS:

- Review project Plans and Specifications per attendee questions
- General Questions and Answer session
- Review Project Site

J. POST-MEETING ADDENDUM:

- Notes and Attendance from the Pre-bid Meeting shall be incorporated into an Addendum following pre-bid meeting.

END OF AGENDA

[illegible]

SECTION 044313 - STONE MASONRY VENEER

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Adhered cut stone veneer at exterior walls.
- B. Accessories for adhered veneer.
- C. Setting mortar.

1.2 RELATED REQUIREMENTS

- A. Section 040511 - Mortar and Masonry Grout: Setting and pointing mortar.
- B. Section 042000 - Unit Masonry: Joint reinforcement, Ties, Anchors, and Through-wall flashing.
- C. Section 079200 - Joint Sealants: Sealing joints indicated to be left open for sealant.

1.3 REFERENCE STANDARDS

- A. ANSI A118.4 - American National Standard Specifications for Modified Dry-Set Cement Mortar 2012 (Revised).
- B. ASTM C270 - Standard Specification for Mortar for Unit Masonry 2019.
- C. ASTM C926 - Standard Specification for Application of Portland Cement-Based Plaster 2020.
- D. ASTM C1242 - Standard Guide for Selection, Design, and Installation of Dimension Stone Attachment Systems 2018a.
- E. ASTM C1714/C1714M - Standard Specification for Preblended Dry Mortar Mix for Unit Masonry 2016.
- F. ICC (IBC) - International Building Code Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
- G. TMS 402/602 - Building Code Requirements and Specification for Masonry Structures 2016.

1.4 SUBMITTALS

- A. See Section 013000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on stone units, flashing, , mortar, and reinforcement.
- C. Samples: Submit two stone samples illustrating minimum and maximum stone sizes, color range, texture, and markings.
- D. Samples: Submit mortar color samples.

1.5 QUALITY ASSURANCE

- A. Stone Fabricator Qualifications: Company specializing in fabricating cut stone with minimum ten years of experience.
- B. Installer Qualifications: Company specializing in performing work of the type required by this section, with minimum five years of documented experience.

1.6 MOCK-UP

- A. Construct stone wall mock-up, four feet long by four feet wide; include corner condition and accessories, and flashing in mock-up.
- B. Locate where directed.
- C. Mock-up may remain as part of the Work.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Protect stone from discoloration during storage on site.
- B. Provide ventilation to prevent condensation from forming on stone.

1.8 FIELD CONDITIONS

- A. Cold Weather Requirements: Comply with requirements of TMS 402/602 or applicable building code, whichever is more stringent.

PART 2 PRODUCTS

2.1 MANUFACTURERS

2.2 MORTAR APPLICATIONS

- A. At Contractor's option, mortar may be field-mixed from packaged dry materials or made from factory premixed dry materials with addition of water only.

- B. Scratch Coat Mortars: Scratch coat mortars for application directly to metal lath.
 - 1. Prepackaged/Preblended: ASTM C1714/C1714M, Type N or Type S.
- C. Setting Bed Mortars: Setting bed used to adhere stone veneer units to scratch coat mortar or to bondable concrete or concrete masonry.
 - 1. Prepackaged/Preblended: ASTM C1714/C1714M, Type S.
- D. Pointing Mortars: Pointing or grouting mortars used to fill the joints between individual stone veneer units once the setting bed mortar has sufficiently cured.
 - 1. Prepackaged/Preblended: ASTM C1714/C1714M, Type N or Type S.

2.3 MORTAR MIXES

- A. Packaged Dry Material for Mortar for Unit Masonry: Premixed Portland cement, hydrated lime, and sand; complying with ASTM C1714/C1714M and capable of producing mortar of the specified strength in accordance with ASTM C270 with the addition of water only.
 - 1. Color: Standard gray.
- B. Latex-Portland Cement Mortar Bond Coat: ANSI A118.4.
- C. Pointing Mortar: Type N as specified in Section 040511 and using the Property Method in ASTM C270.

2.4 ACCESSORIES - ADHERED VENEER

- A. Flashings: As specified in Section 042000.
- B. Rainscreen Drainage Material:

2.5 STONE FABRICATION - ADHERED VENEER

- A. Comply with ASTM C1242 requirements for adhered stone system without mechanical anchors for maximum stone weight and maximum individual stone panel size.
- B. Style: As indicated on drawings.
- C. Form stone corners to irregular joint profile. Clean jagged corners from stone in preparation for setting.
- D. Slope exposed top surfaces of stone and horizontal sill surfaces for shedding water.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that support work and site conditions are ready to receive work of this section.
- B. Verify that substrates to receive mortar scratch coat or setting bed comply with stone veneer manufacturer's instructions.
- C. Verify that items built-in under other sections are properly located and sized.

3.2 PREPARATION - ADHERED VENEER

3.3 INSTALLATION - SCRATCH COAT

- A. Apply mortar scratch coat of 1/2 inch nominal to cover metal lath in accordance with ASTM C926. Scratch surface when somewhat firm. If scratch coat dries before applying setting bed mortar and thin stone veneer, moisten scratch coat by misting it with water.

3.4 INSTALLATION - ADHERED VENEER

- A. Install thin stone veneer with a cementitious mortar setting bed to a scratch coat backing surface, in accordance with stone fabricator's instructions and applicable sections of the ICC (IBC), TMS 402/602 and ASTM C1242 that apply to adhered masonry veneer.

3.5 INSTALLATION - MASONRY FLASHINGS

- A. Whether or not specifically indicated, install masonry flashing to divert water to exterior at all locations where downward flow of water will be interrupted.

3.6 CLEANING

- A. Remove excess mortar as work progresses, and upon completion of work.
- B. Use non-metallic tools in cleaning operations.

3.7 PROTECTION

- A. During temporary storage on site, at the end of working day, and during rainy weather, cover stone work exposed to weather with non-staining waterproof coverings, securely anchored.

END OF SECTION



SUBSTITUTION REQUEST

(During the Bidding Phase)

Project: Marshfield ECC Substitution Request Number: N/A +
 To: Mike - RE Smith From: Jerry Bennett Masonry +
 Re: Light Weight Block + Date: 6-15-21
 A/E Project Number: _____
 Contract For: BP 04

Specification Title: UNIT MASONRY Description: _____
 Section: 042000 Page: 3 Article/Paragraph: 2.2, b, 2

Proposed Substitution: Light Weight Block in Place of Heavy Weight Block
 Manufacturer: Midwest Block Address: 1650 Atlantic St, Springfield, MO Phone: 417-268-2595
 Trade Name: Masonry Model No.: _____

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: Hack Britton
 Signed by: Hackell Britton Signature required
 Firm: Jerry Bennett Masonry
 Address: 2441 W. LeCompte Rd Springfield MO 65803
 Telephone: 417-864-5355

A/E's REVIEW AND ACTION

- ☒ Substitution approved - Make submittals in accordance with Specification Section 01330.
☐ Substitution approved as noted - Make submittals in accordance with Specification Section 01330.
☐ Substitution rejected - Use specified materials.
☐ Substitution Request received too late - Use specified materials.

Signed by: [Signature] Date: 2021.06.16

Supporting Data Attached: ☐ Drawings ☐ Product Data ☐ Samples ☒ Tests ☐ Reports ☐ _____

Jerry Bennett Masonry Contractor, Inc.

2441 North LeCompte Road

Springfield, Missouri 65803

417-864-5355/ fax417-866-1201

RE: Light Weight Block

We would like for you to consider light weight block for **all above grade unexposed to weather** applications. Light weight block do far exceed the ASTM C90 PSI requirements. Our main reason is for the stress and strain on our employee's. Day in and day out the weight increase makes a lot of difference in fatigue, sore muscles, joint and back pain and strain, also injuries from over use and long term use increase when HW block are used. Light weight test reports are included for your review below.

Thank You.

Haskell Britton
Jerry Bennett Masonry



1650 East Atlantic
P.O. Box 4007
Springfield, MO 65808
www.midwestblock.com
Phone: 417.869.2595
Fax: 417.869.6052

Lightweight Certification ASTM C 90

Based on ASTM C 140 test results performed on the 8x8x16 Lightweight CMU's manufactured by Midwest Block & Brick, the tested specimens meet or exceed requirements specified in ASTM C 90. ASTM C 90 is the standard for testing Concrete Masonry Units. Concrete Masonry Units complying with the requirements of ASTM C 90 have been successfully used and have demonstrated good field performance. Midwest Block & Brick uses the same batch design on all unit sizes (nominal thickness) available in 4", 6", 8", 10", and 12". Midwest Block & Brick uses the same batch designs for all "Smooth and Architectural" masonry units. Architectural Unit types include:

- Split Face Units
- Scored Units
- Ribbed Units

If you have any questions or need additional information please contact us.

Sincerely,

Sam Lock
General Manager
Midwest Block & Brick SW
slock@midwestblock.com



13750 Sunrise Valley Drive
Herndon, VA 20171- 4662
703. 713. 1900 Main
703. 713. 1910 Fax
www.ncma.org

March 15, 2018

Sam Lock
Midwest Block & Brick
1650 E Atlantic St.
Springfield, MO 65803

Please find enclosed a copy of a test report that we performed at your request on the following product that you supplied to the NCMA Research and Development Laboratory:

8 x 8 x 16 inch Concrete Masonry Unit
Mark: 'LW'

NCMA Job Number: 18-264-2

We are pleased to report that the tested properties from this report comply with the applicable requirements of ASTM C90-16a Standard Specification for Loadbearing Concrete Masonry Units.

The attached report includes the tested compressive strength of the concrete masonry unit. The compressive strength of masonry constructed using these units can be calculated using the Unit Strength Method as outlined in Section 1.4.B.2.b of Specification for Masonry Structures (TMS 602-13 / ACI 530.1-13 / ASCE 6-13). It should be noted that as a result of industry research, the Unit Strength Method was recalibrated in the 2013 edition of the Specification for Masonry Structures, reducing the conservatism in the calculated compressive strength of masonry that was present in previous editions. Because jurisdictions adopt model codes at different times, the calculated values using both the 2011 and the 2013 Specification for masonry structures is provided below.

In accordance with the Unit Strength Method, the compressive strength of masonry is a function of unit strength and mortar type. As shown in the attached test report...

Net Area Compressive Strength of
8 x 8 x 16 inch Concrete Masonry Unit
Mark: 'LW'

3840 psi

Therefore, the net area compressive strength of masonry when these units are used, can be considered to be the following:

TMS 602-13/ ACI 530.1-13/ ASCE 6-13			TMS 602-11/ ACI 530.1-11/ ASCE 6-11		
Net Area			Net Area		
Compressive Strength			Compressive Strength		
When used with:	of Masonry		of Masonry		
Type M or S mortar	2730	psi	2540	psi	
Type N mortar	2370	psi	2400	psi	

The values provided above can be compared directly to the specified compressive strength of masonry, f'_m . If these values exceed f'_m , compliance has been documented.

As mentioned before, the Unit Strength Method is a conservative method for determining compliance with the specified compressive strength of masonry when compared against the alternative Prism Test Method that may also be used. The results from the Prism Test Method will likely exceed the values calculated values of the Unit Strength Method.

Sincerely,

Douglas H. Ross
Manager, Research and Development Laboratory



13750 Sunrise Valley Drive
Herndon, VA 20171-4662
703.713.1900 Main
703.713.1910 Fax
www.ncma.org

ASTM C140/C140M-17b Test Report
Sampling and Testing Concrete Masonry Units and Related Units

Job No.: 18-264-2
Report Date: 3/15/2018

Client: Midwest Block & Brick
Address: 1650 E. Atlantic St.
Springfield, MO 65803

Testing Agency: National Concrete Masonry Association
Research and Development Laboratory
Address: 13750 Sunrise Valley Drive
Herndon, VA 20171-4662

Standard Specification: ASTM C90-16a

Sampling Party: Midwest Block & Brick

Unit Description: 8 x 8 x 16 inch Concrete Masonry Unit
Mark: 'LW'

Date Samples Received: 2/13/2018

Summary of Test Results

	ASTM C90-16a Specified Values	Average Test Results		ASTM C90-16a Specified Values	Average Test Results
Physical Property			Physical Property		
Net Compressive Strength	2000 min	3840 psi	Min. Faceshell Thickness (t_{fs})	1.25 min	1.27 in.
Gross Compressive Strength	****	1930 psi	Min. Web Thickness (t_w)	0.75 min	1.03 in.
Density	****	105.4 pcf	Equivalent Web Thickness	****	2.37 in.
Absorption	15 max	12.0 pcf	Normalized Web Area (A_{wn})	6.5 min	26.2 in. ² /ft ²
Percent Solid	****	50.2 %	Equivalent Thickness	****	3.84 in.
Net Cross-Sectional Area	****	60.04 in. ²	Max. Var. from Spec. Dimensions	.125 max	0.095 in.
Gross Cross-Sectional Area	****	119.53 in. ²			

Individual Unit Test Results

Compression Units	Specimen No.	Received Weight lb	Cross-Sectional Area *		Max. Load lb	Compressive Strength	
			Gross	Net		Gross	Net
			in. ²	in. ²		psi	psi
	#1	28.46	119.53	60.04	236920	1980	3950
	#2	28.00	119.53	60.04	242670	2030	4040
	#3	27.90	119.53	60.04	211630	1770	3520
	Average	28.12	119.53	60.04	230370	1930	3840

* Unit areas determined as the average of the three absorption units and are assumed to be the same as those units tested in compression.

Absorption Units	Specimen No.	Avg Width in.	Avg Height in.	Avg Length in.	Minimum Web Height in.	Avg./Min. Face Shell Thickness in.	Min. Web Thickness in.	Minimum Web Area in. ²	Normalized Web Area in. ² /ft ²
	#4	7.68	7.55	15.64	7.55	1.28	1.03	23.32	26.2
	#5	7.63	7.53	15.61	7.53	1.26	1.03	23.31	26.2
	#6	7.65	7.54	15.63	7.54	1.27	1.03	23.23	26.1
	Average	7.65	7.54	15.63	7.54	1.27	1.03	23.29	26.2

**Where the thinnest points of opposite face shells differ in thickness by less than 0.125 inches, their measurements are averaged.

Date Tested: 2/27/2018 to 3/2/2018	Specimen No.	Received Weight lb	Immersed Weight lb	Saturated Weight lb	Oven-Dry Weight lb	Absorption pcf	Density pcf	Net Volume ft ³	Percent Solid %
	#4	28.58	14.51	31.04	27.94	11.7	105.5	0.2649	50.5
	#5	28.04	14.34	30.58	27.46	12.0	105.5	0.2603	50.2
	#6	27.98	14.33	30.58	27.40	12.2	105.2	0.2604	50.0
	Average	28.20	14.39	30.73	27.60	12.0	105.4	0.2619	50.2

Comments: 1) These units meet or exceed the compression strength, absorption and dimensional requirements of ASTM C90-16a.

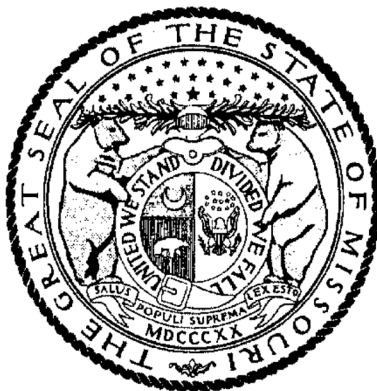
Douglas H. Ross
Manager, Research and Development Laboratory

Jason J. Thompson
Vice President of Engineering

Missouri

Division of Labor Standards

WAGE AND HOUR SECTION



MICHAEL L. PARSON, Governor

Annual Wage Order No. 28

Section 116
WEBSTER COUNTY

In accordance with Section 290.262 RSMo 2000, within thirty (30) days after a certified copy of this Annual Wage Order has been filed with the Secretary of State as indicated below, any person who may be affected by this Annual Wage Order may object by filing an objection in triplicate with the Labor and Industrial Relations Commission, P.O. Box 599, Jefferson City, MO 65102-0599. Such objections must set forth in writing the specific grounds of objection. Each objection shall certify that a copy has been furnished to the Division of Labor Standards, P.O. Box 449, Jefferson City, MO 65102-0449 pursuant to 8 CSR 20-5.010(1). A certified copy of the Annual Wage Order has been filed with the Secretary of State of Missouri.

Original Signed by

Taylor Burks, Director
Division of Labor Standards

Filed With Secretary of State: March 10, 2021

Last Date Objections May Be Filed: April 8, 2021

Prepared by Missouri Department of Labor and Industrial Relations

OCCUPATIONAL TITLE	**Prevailing Hourly Rate
Asbestos Worker	*\$21.18
Boilermaker	*\$21.18
Bricklayer	*\$21.18
Carpenter	\$46.06
Lather	
Linoleum Layer	
Millwright	
Pile Driver	
Cement Mason	*\$21.18
Plasterer	
Communications Technician	*\$21.18
Electrician (Inside Wireman)	*\$21.18
Electrician Outside Lineman	*\$21.18
Lineman Operator	
Lineman - Tree Trimmer	
Groundman	
Groundman - Tree Trimmer	
Elevator Constructor	*\$21.18
Glazier	*\$21.18
Ironworker	*\$21.18
Laborer	\$39.32
General Laborer	
First Semi-Skilled	
Second Semi-Skilled	
Mason	*\$21.18
Marble Mason	
Marble Finisher	
Terrazzo Worker	
Terrazzo Finisher	
Tile Setter	
Tile Finisher	
Operating Engineer	*\$21.18
Group I	
Group II	
Group III	
Group III-A	
Group IV	
Group V	
Painter	\$38.46
Plumber	*\$21.18
Pipe Fitter	
Roofer	*\$21.18
Sheet Metal Worker	*\$21.18
Sprinkler Fitter	*\$21.18
Truck Driver	*\$21.18
Truck Control Service Driver	
Group I	
Group II	
Group III	
Group IV	

*The Division of Labor Standards received less than 1,000 reportable hours for this occupational title.
Public works contracting minimum wage is established for this occupational title using data provided by Missouri
Economic Research and Information Center.

**The Prevailing Hourly Rate includes any applicable fringe benefit amounts for each occupational title.

Heavy Construction Rates for
WEBSTER County

Section 116

OCCUPATIONAL TITLE	**Prevailing Hourly Rate
Carpenter	*\$21.18
Millwright	
Pile Driver	
Electrician (Outside Lineman)	*\$21.18
Lineman Operator	
Lineman - Tree Trimmer	
Groundman	
Groundman - Tree Trimmer	
Laborer	\$41.35
General Laborer	
Skilled Laborer	
Operating Engineer	\$48.05
Group I	
Group II	
Group III	
Group IV	
Truck Driver	*\$21.18
Truck Control Service Driver	
Group I	
Group II	
Group III	
Group IV	

Use Heavy Construction Rates on Highway and Heavy construction in accordance with the classifications of construction work established in 8 CSR 30-3.040(3).

Use Building Construction Rates on Building construction in accordance with the classifications of construction work established in 8 CSR 30-3.040(2).

If a worker is performing work on a heavy construction project within an occupational title that is not listed on the Heavy Construction Rate Sheet, use the rate for that occupational title as shown on the Building Construction Rate Sheet.

*The Division of Labor Standards received less than 1,000 reportable hours for this occupational title. Public works contracting minimum wage is established for this occupational title using data provided by Missouri Economic Research and Information Center.

**The Prevailing Hourly Rate includes any applicable fringe benefit amounts for each occupational title.

OVERTIME and HOLIDAYS

OVERTIME

For all work performed on a Sunday or a holiday, not less than twice (2x) the prevailing hourly rate of wages for work of a similar character in the locality in which the work is performed or the public works contracting minimum wage, whichever is applicable, shall be paid to all workers employed by or on behalf of any public body engaged in the construction of public works, exclusive of maintenance work.

For all overtime work performed, not less than one and one-half (1½) the prevailing hourly rate of wages for work of a similar character in the locality in which the work is performed or the public works contracting minimum wage, whichever is applicable, shall be paid to all workers employed by or on behalf of any public body engaged in the construction of public works, exclusive of maintenance work or contractual obligation. For purposes of this subdivision, "**overtime work**" shall include work that exceeds ten hours in one day and work in excess of forty hours in one calendar week; and

A thirty-minute lunch period on each calendar day shall be allowed for each worker on a public works project, provided that such time shall not be considered as time worked.

HOLIDAYS

January first;
The last Monday in May;
July fourth;
The first Monday in September;
November eleventh;
The fourth Thursday in November; and
December twenty-fifth;

If any holiday falls on a Sunday, the following Monday shall be considered a holiday.

AREA PLAN LEGEND



FIRE EXTINGUISHER LEGEND

(ARROW INDICATES WHICH WALL TO PLACE EXTINGUISHER)

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

APPLICABLE CODES & STANDARDS

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

FIRE PROTECTION SYSTEMS (IBC CHAPTER 9)

AUTOMATIC SPRINKLER SYSTEM

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

PORTABLE FIRE EXTINGUISHERS

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

FIRE ALARM AND DETECTION SYSTEM

MANUAL FIRE ALARM SYSTEM IS REQUIRED

MEANS OF EGRESS INFORMATION (IBC CHAPTER 10)

SECTION 1004 OCCUPANT LOAD

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

REFER TO OCCUPANT LOAD SCHEDULE FOR TOTAL CALCULATED OCCUPANT LOAD.

SECTION 1005 MEANS OF EGRESS SIZING

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

SECTION 1006 NUMBER OF EXITS AND EXIT ACCESS DOORWAYS

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

SECTION 1006 NUMBER OF EXITS AND EXIT ACCESS DOORWAYS

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

SECTION 1007 EXIT AND EXIT ACCESS DOORWAY CONFIGURATION

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

SECTION 1016 EXIT ACCESS TRAVEL DISTANCE

SHALL NOT EXCEED 250 FEET IN PROVIDED OCCUPANCY GROUPS.

SECTION 1018 CORRIDORS

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

PLUMBING SYSTEMS (IBC SECTION 2902)

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

DEFERRED SUBMITTAL LIST

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

- AUTOMATIC FIRE SUPPRESSION SYSTEM
- PRE-ENGINEERED METAL BUILDING

FIRE RESISTANCE RATING LEGEND

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



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MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-201600415

PARAGON

ARCHITECTURE

637 COLLEGE STREET, SPRINGFIELD, MO 65806
PH: 417.885.0002
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REVISION SCHEDULE

1 ADD-01 2021.06.14
2 ADD-02 2021.06.17

PROJECT DESCRIPTION: PROJECT NUMBER: SHEET NUMBER: 20-602

G0-1 MARSHFIELD EARLY CHILDHOOD CENTER
AREA A CODE PLAN

600 N Locust St. Marshfield, MO 65706

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

DATE: 2021.06.09

PLANTING LIST				
TYPE	COMMON NAME (SCIENTIFIC NAME)	QUANTITY PROVIDED	SIZE & COND.	MATURE SIZE
CANOPY TREES (CT)				HT. X SP.
BO	BUR OAK (QUERCUS MACROCARPA)	7	3" CAL. B&B	80' X 80'
SM	SUGAR MAPLE (ACER SACCHARUM)	3	3" CAL. B&B	75' X 50'
UNDERSTORY TREES (UT)				
ER	EASTERN REDBUD (CERCIS CANADENSIS)	12	2" CAL. B&B	25' X 30'
FD	FLOWERING DOGWOOD (CORNUS FLORIDA)	9	2" CAL. B&B	25' X 25'
EXISTING TREES				
	VARIOUS SPECIES	19	/	/
SHRUBS (SH)				
BW	GREEN VELVET BOXWOOD (BUXUS KOREANA)	22	#5 CONT.	4' X 4'
NB	TINY WINE NINEBARK (PHYSCARPUS OPULIFOLIUS 'TINY WINE')	22	#5 CONT.	5' X 4'
SP	SPIREA (SPIRAEA JAPONICA 'WALBUMA')	36	#5 CONT.	2' X 2'

GENERAL LANDSCAPING NOTES

- THE OWNER IS RESPONSIBLE FOR FURNISHING AND INSTALLING PLANTS AS INDICATED ON THIS SHEET. AS DETERMINED BY THE MARSHFIELD PLANNING AND ZONING COMMITTEE, THE OWNER IS RESPONSIBLE FOR INSTALLING 40 SHRUBS DURING PHASE 1 AND 20 ADDITIONAL SHRUBS IN THE SUBSEQUENT TWO YEARS, FOR A TOTAL OF 60 SHRUBS.
- CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITY LINES AND OTHER ABOVE OR BELOW GROUND OBSTRUCTIONS SO THAT PROPER PRECAUTIONS SHALL BE TAKEN NOT TO DISTURB OR DAMAGE SUCH IMPROVEMENTS. REFER TO CIVIL DRAWINGS FOR PROPOSED AND EXISTING UTILITY LOCATIONS.
- STANDARDS SET FORTH IN "AMERICAN STANDARDS FOR NURSERY STOCK" REPRESENT GENERAL GUIDELINE SPECIFICATIONS ONLY AND WILL CONSTITUTE MIN. QUALITY REQUIREMENTS FOR PLANT MATERIAL.
- SPECIFIED CALIPER MEASUREMENT FOR TREES SHALL BE MEASURED AT 6" ABOVE THE GRADE.
- PLANTS AND OTHER MATERIALS ARE QUANTIFIED AND SUMMARIZED FOR THE CONVENIENCE OF THE CITY AND LOCAL GOVERNING BODIES. OWNER TO CONFIRM AND INSTALL SUFFICIENT QUANTITIES TO COMPLETE THE WORK AS DRAWN.
- OWNER TO BACKFILL TREE AND SHRUB PITS WITH A PREPARED PLANTING MIX AS FOLLOWS U.N.O.:
 - 2 PARTS BY VOLUME TOPSOIL.
 - 1 PART BY VOLUME BROWN RIVER SAND.
 - 1 PART BY VOLUME PEAT MOSS.
 - 1 LB. COMMERCIAL FERTILIZER PER C.Y. OF MIX.
- ALL TREE PITS SHALL RECEIVE A MINIMUM OF 24" OF THE SPECIFIED PLANTING MIX.
- ALL PLANTINGS SHALL BE MULCHED WITH A 3"-4" LAYER OF SHREDDED HARDWOOD MULCH AFTER INSTALLATION OF PLANT MATERIAL.
- ALL SHRUB PLANTING MATERIAL SHALL MEASURE A MIN. OF 18" IN HEIGHT AT THE TIME OF PLANTING.
- THE PLAN IS SUBJECT TO CHANGES BASED ON PLANT SIZE AND MATERIAL AVAILABILITY. ANY DEVIATION TO THE APPROVED FINAL LANDSCAPING PLAN SHALL REQUIRE THE WRITTEN APPROVAL OF THE ENGINEER PRIOR TO INSTALLATION.
- OWNER TO KILL AND REMOVE ALL EXISTING WEEDS FROM THE SITE AREA PRIOR TO PLANTING.
- CONTRACTOR WILL STAKE OR MARK ALL PLANT MATERIAL LOCATIONS PRIOR TO INSTALLATION.
- THE ENTIRE SURFACE TO BE SEEDED SHALL BE REASONABLY SMOOTH AND FREE FROM STONES, ROOTS, OR OTHER DEBRIS.
- PERMANENT SEEDING SEASON RUNS FROM MARCH 1ST TO JUNE 1ST AND SEPTEMBER 15TH TO NOVEMBER 1ST. SEEDING AND MULCHING MUST BE DONE WHENEVER WORK IS COMPLETE REGARDLESS OF THE SEASON. WHENEVER SEEDING AND MULCH IS INSTALLED OUTSIDE THE PERMANENT SEEDING SEASON, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLANTING AND MULCHING ANY AREAS WHERE GROWTH HAS NOT BECOME ESTABLISHED DURING THE NEXT PERMANENT SEASON.
- CONTRACTOR TO INSTALL ALL FEATURES OF BIOSWALE EXCEPT SHRUB PLANTINGS.
- ENGINEERED SOIL SPECIFICATIONS
 - ENGINEERED SOIL MIX WILL ADHERE TO THE FOLLOWING:
 - 40% SAND, 30% TOPSOIL, AND 30% COMPOST.
 - ORGANIC CONTENT MATTER FROM 8-10% BY WEIGHT.
 - LESS THAN 5% MINERAL FINES CONTENT (CLAY).
 - 18" MINIMUM THICKNESS.
 - COMPACT TO 85% MAXIMUM DENSITY PER ASTM D1557.
 - MINIMUM LONG-TERM HYDRAULIC CONDUCTIVITY OF 1 INCH/HOUR PER ASTM D2434.
 - MAXIMUM IMMEDIATE HYDRAULIC CONDUCTIVITY OF 12 INCHES/HOUR.
 - ENGINEERED SOIL MAY BE OBTAINED OFF SITE OR CREATED BY TESTING NATIVE SOILS AND MIXING WITH IMPORTED MATERIALS AS NEEDED TO ACHIEVE SPECIFICATIONS.
 - ENGINEERED SOIL SHOULD BE MIXED UNIFORMLY AND ITS CHARACTERISTICS SHOULD BE VERIFIED BY MATERIALS TESTING PRIOR TO PLACEMENT.
 - PLACE UNSATURATED SOIL IN 8 INCH LIFTS. DO NOT PLACE IF SATURATED.

LANDSCAPING NOTES:

ZONING ORDINANCE 410.146 - LANDSCAPE PLAN

TOTAL PLANTS REQUIRED: 50 TREES & 80 SHRUBS (PER P&Z VARIANCE)

(ONE (1) TREE & TWO (2) SHRUBS PER FIVE THOUSAND (5,000) SQUARE FEET OF TOTAL SITE AREA, 5.6 ACRES = 245,845 SQUARE FEET.)

TOTAL PLANTS PROVIDED: 50 TREES & 80 SHRUBS

HUBBLE ELEMENTARY PARKING LOT:

INTERIOR LANDSCAPING REQUIRED: 1,722 SQUARE FEET (2.5% OF TOTAL VEHICULAR USE AREA)

INTERIOR LANDSCAPING PROVIDED: 9,047 SQUARE FEET (13.1% OF TOTAL VEHICULAR USE AREA)

INTERIOR PARKING LOT TREES REQUIRED: 9 TREES

(ONE (1) TREE FOR EACH TWO HUNDRED (200) SQUARE FEET OF REQUIRED PARKING LOT INTERIOR LANDSCAPING PROVIDED)

INTERIOR PARKING LOT TREES PROVIDED: 15 TREES

EARLY CHILDHOOD CENTER PARKING LOT:

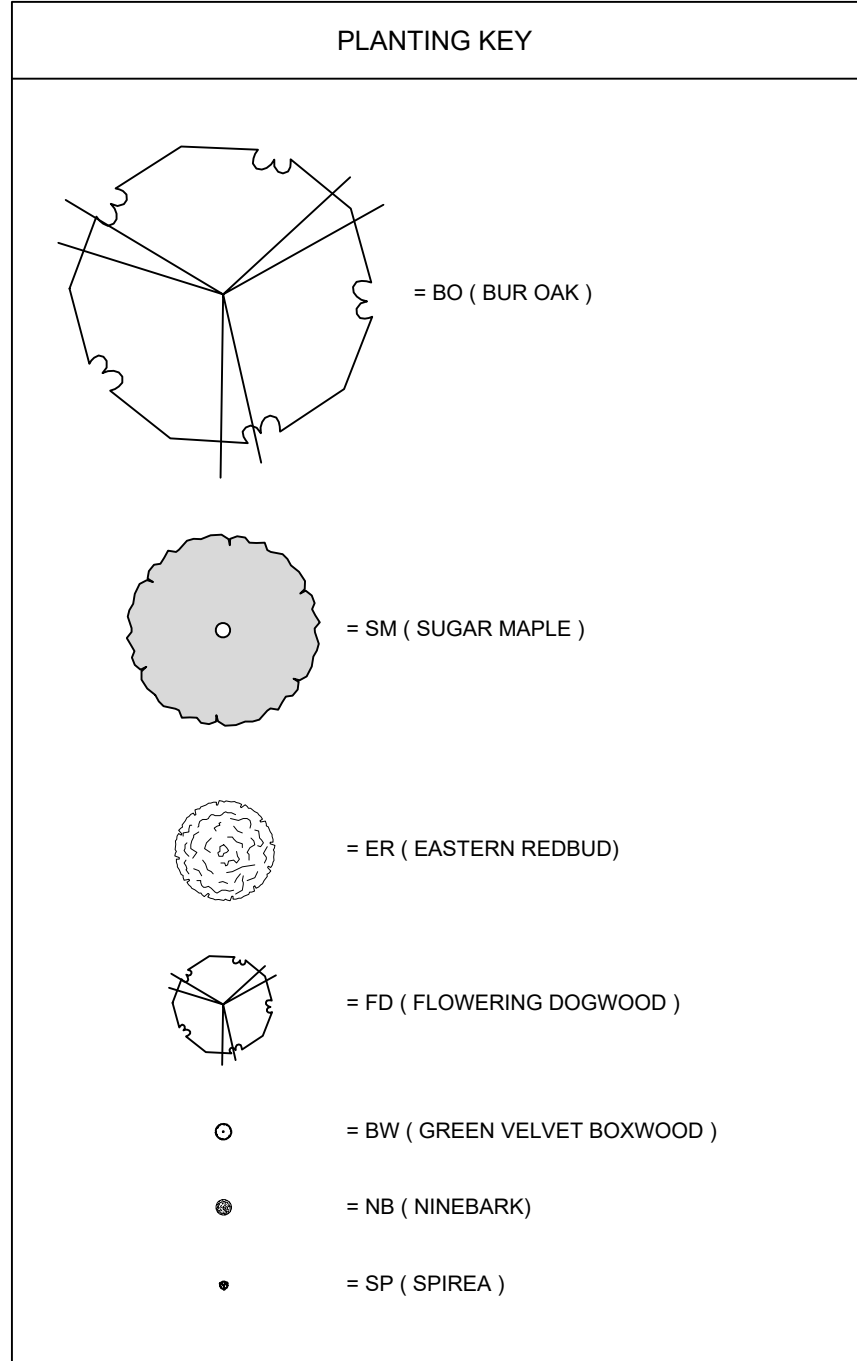
INTERIOR LANDSCAPING REQUIRED: 1,367 SQUARE FEET (2.5% OF TOTAL VEHICULAR USE AREA)

INTERIOR LANDSCAPING PROVIDED: 12,276 SQUARE FEET (22.5% OF TOTAL VEHICULAR USE AREA)

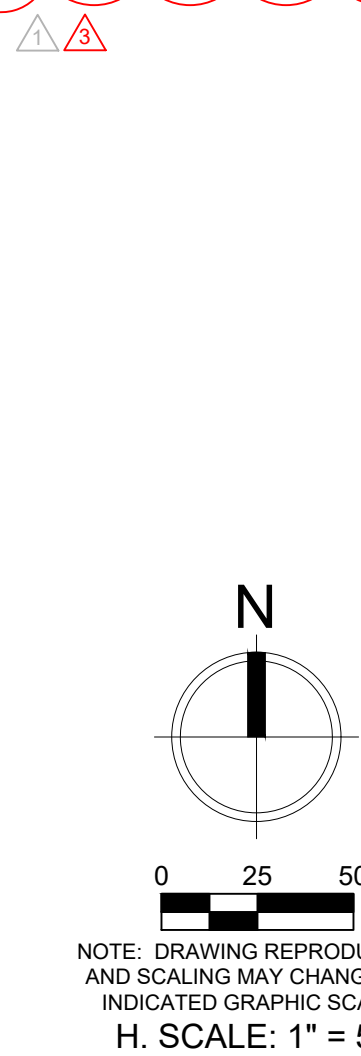
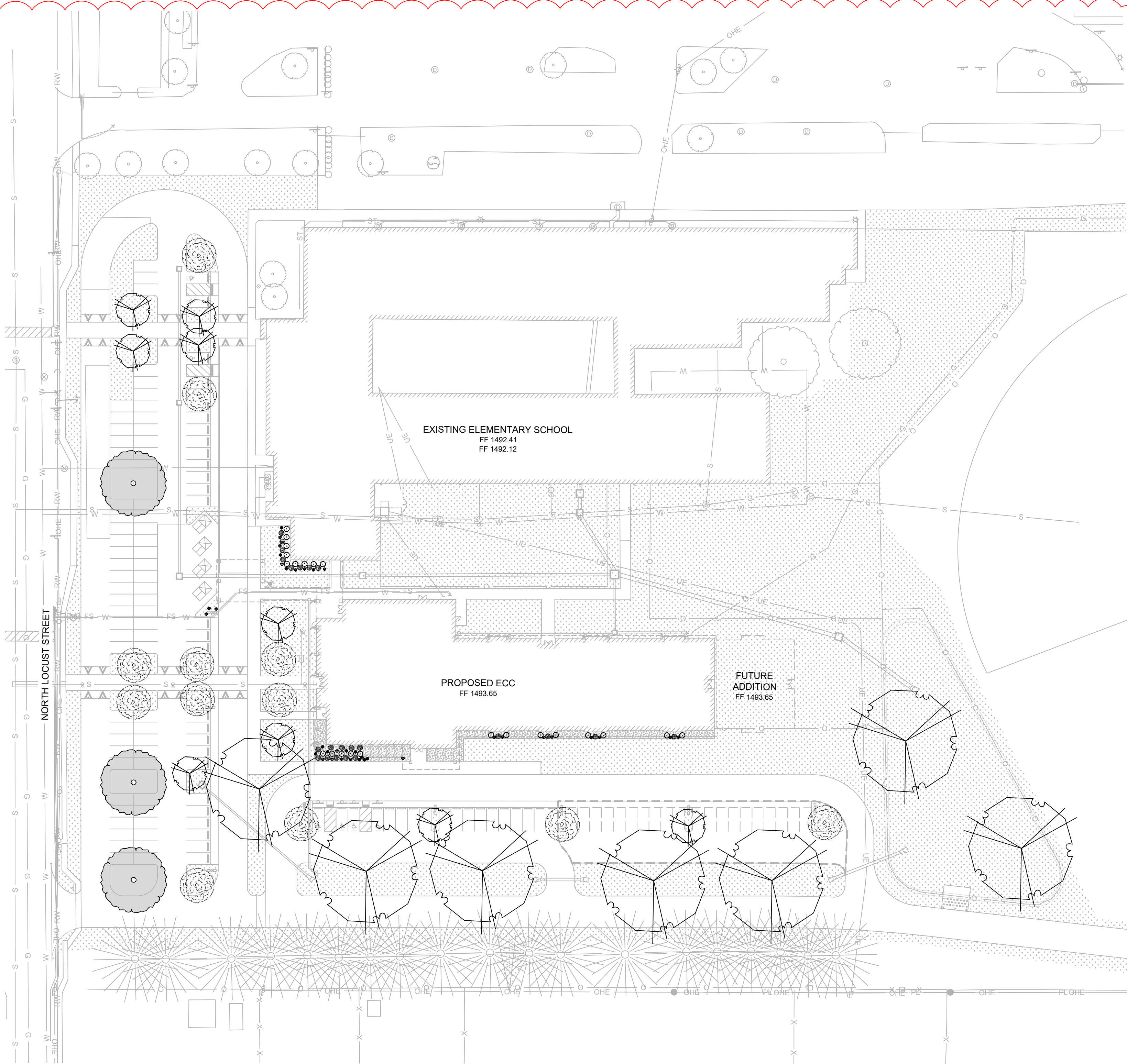
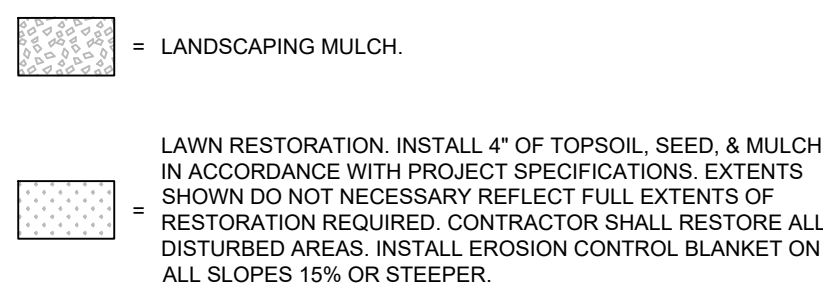
INTERIOR PARKING LOT TREES REQUIRED: 7 TREES

(ONE (1) TREE FOR EACH TWO HUNDRED (200) SQUARE FEET OF REQUIRED PARKING LOT INTERIOR LANDSCAPING PROVIDED)

INTERIOR PARKING LOT TREES PROVIDED: 10 TREES



HATCH LEGEND:



SHEET NUMBER:

C501 MARSHFIELD ECC
LANDSCAPING PLAN

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

20-602

DATE: 06/02/2021

PROJECT ARCHITECT: BEE

DRAWN BY: LMB

CHECKED BY: MSM

1000 CLARK PERKINS ROAD
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WWW.TOTHAASSOCIATES.COM



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MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415

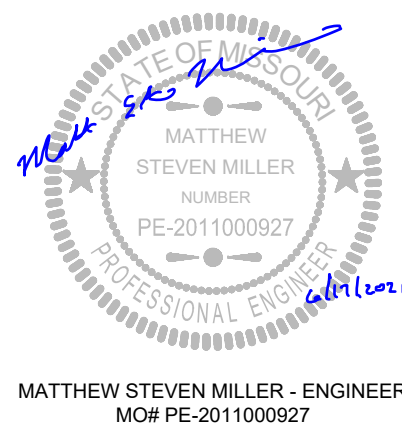
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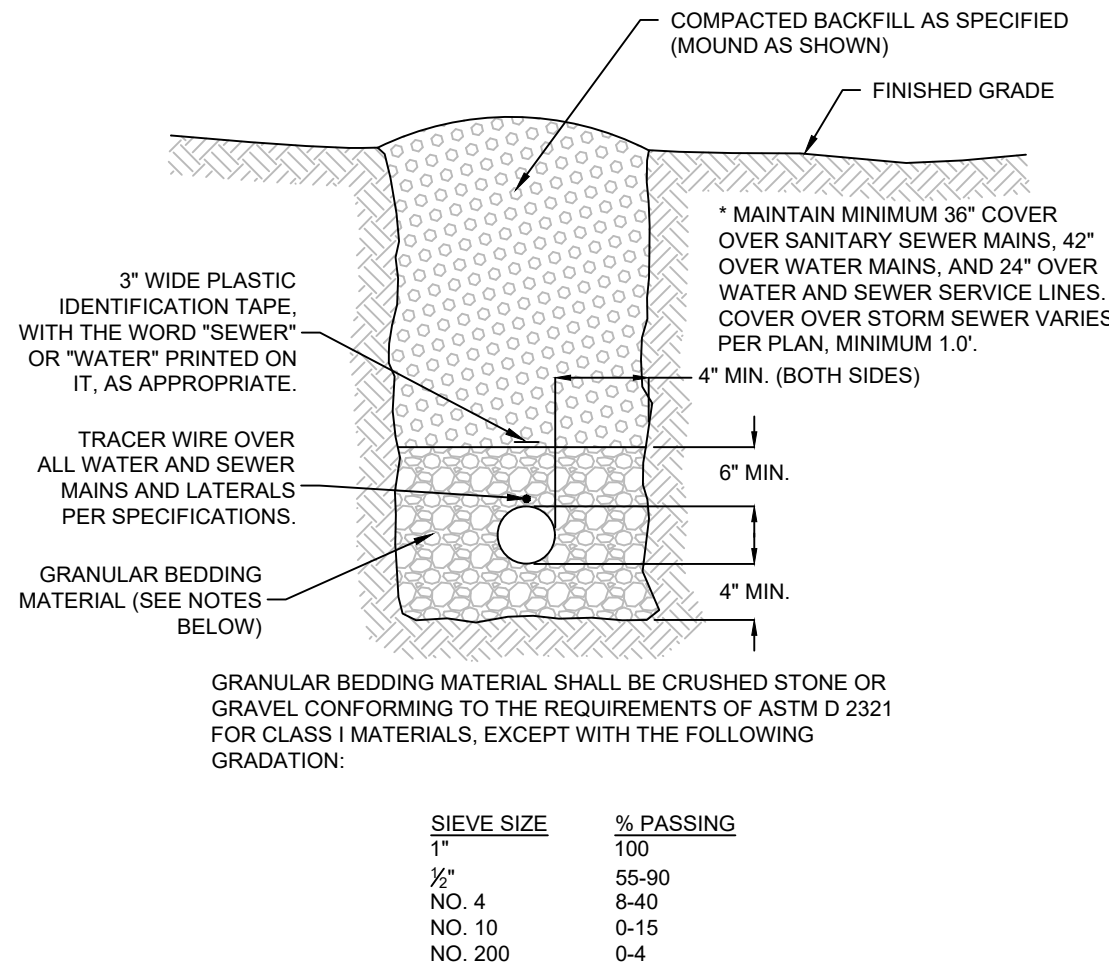
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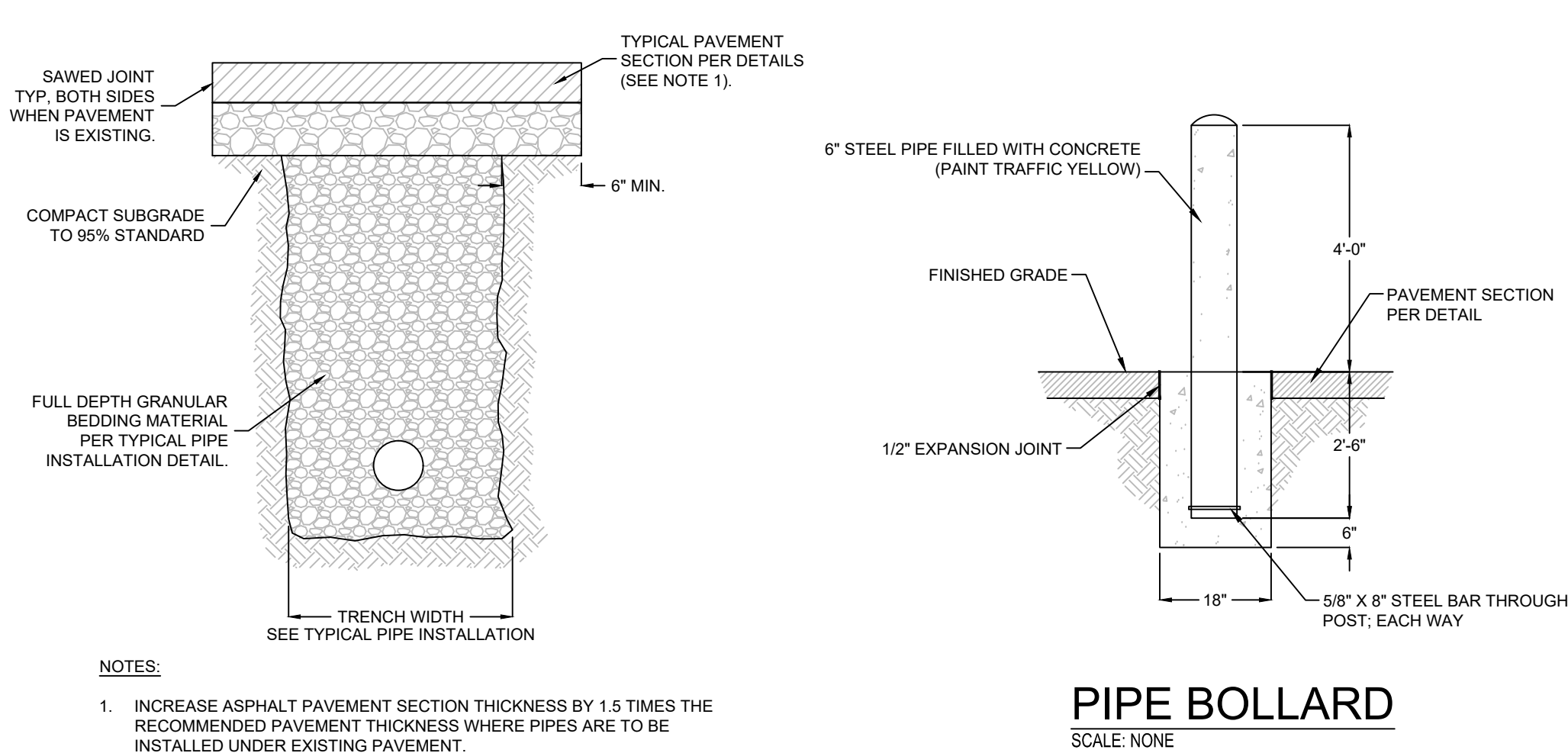


MATTHEW STEVEN MILLER - ENGINEER
MO# PE-2011000927

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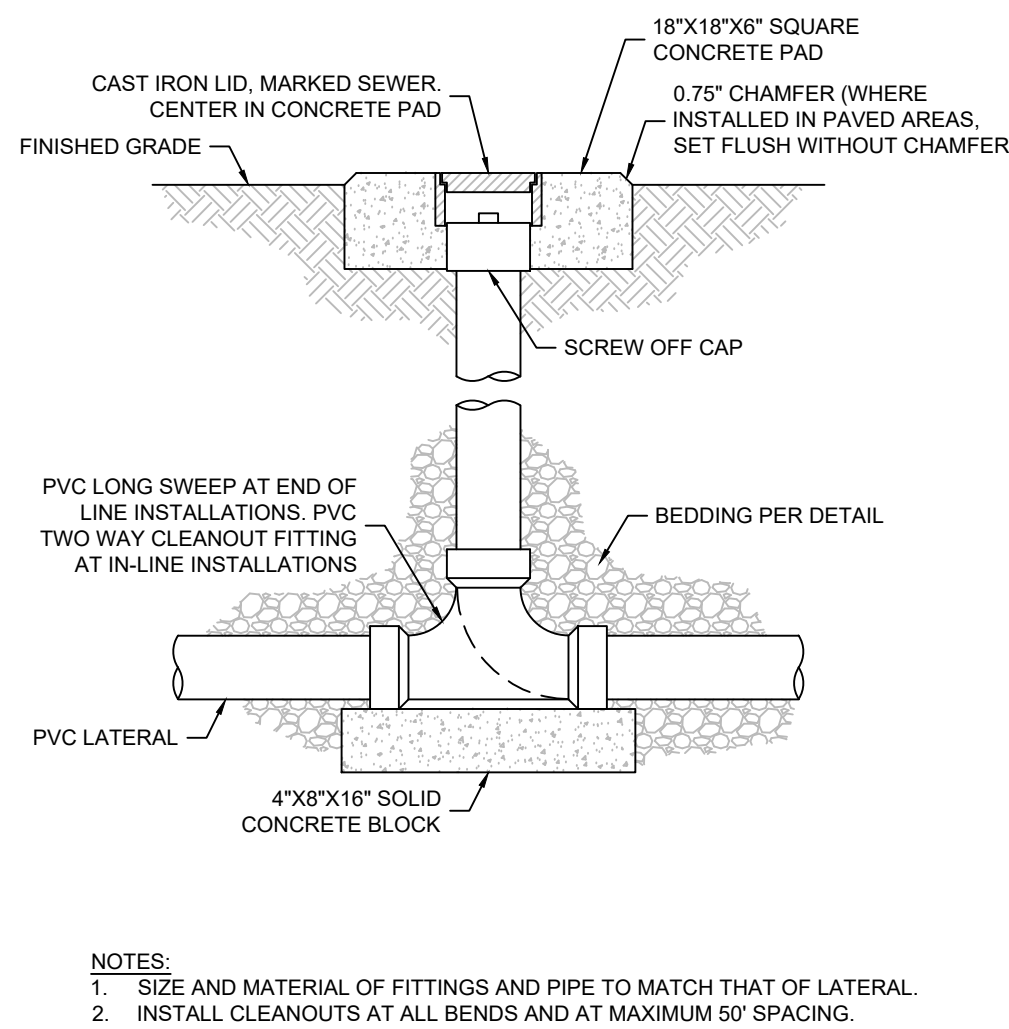


TYPICAL PIPE INSTALLATION DETAIL
SCALE: NONE

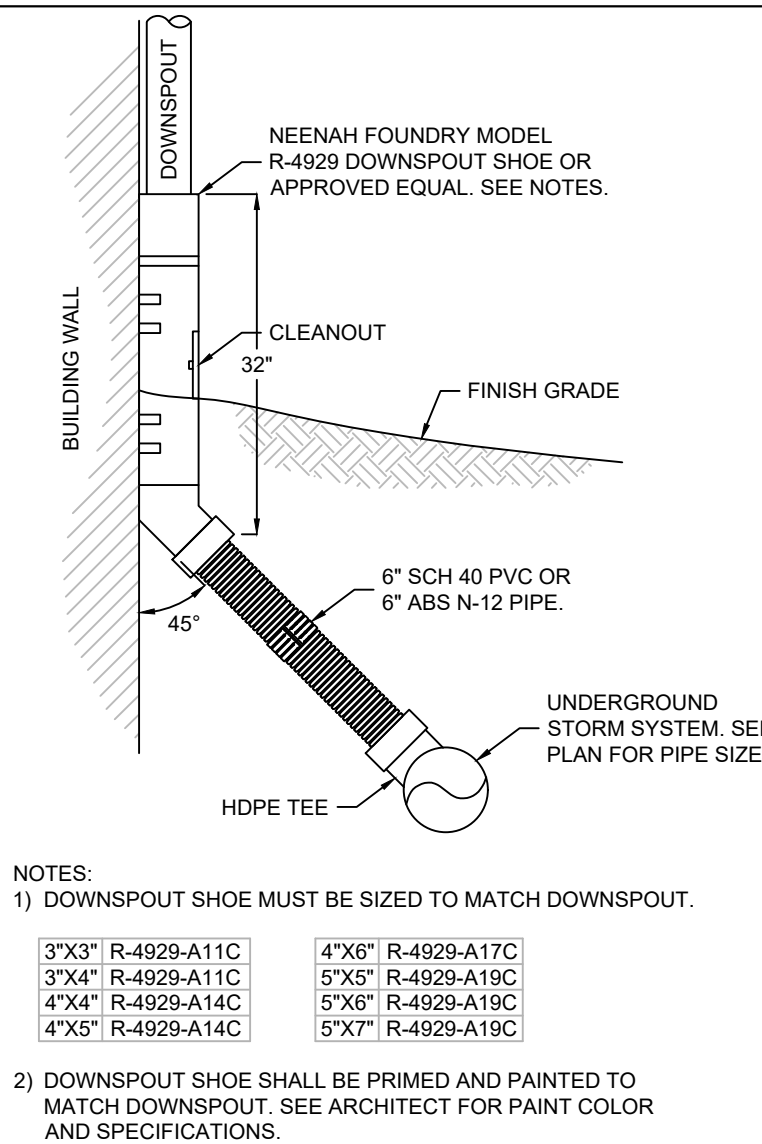


PIPE INSTALLATION UNDER PAVEMENT
SCALE: NONE

PIPE BOLLARD
SCALE: NONE

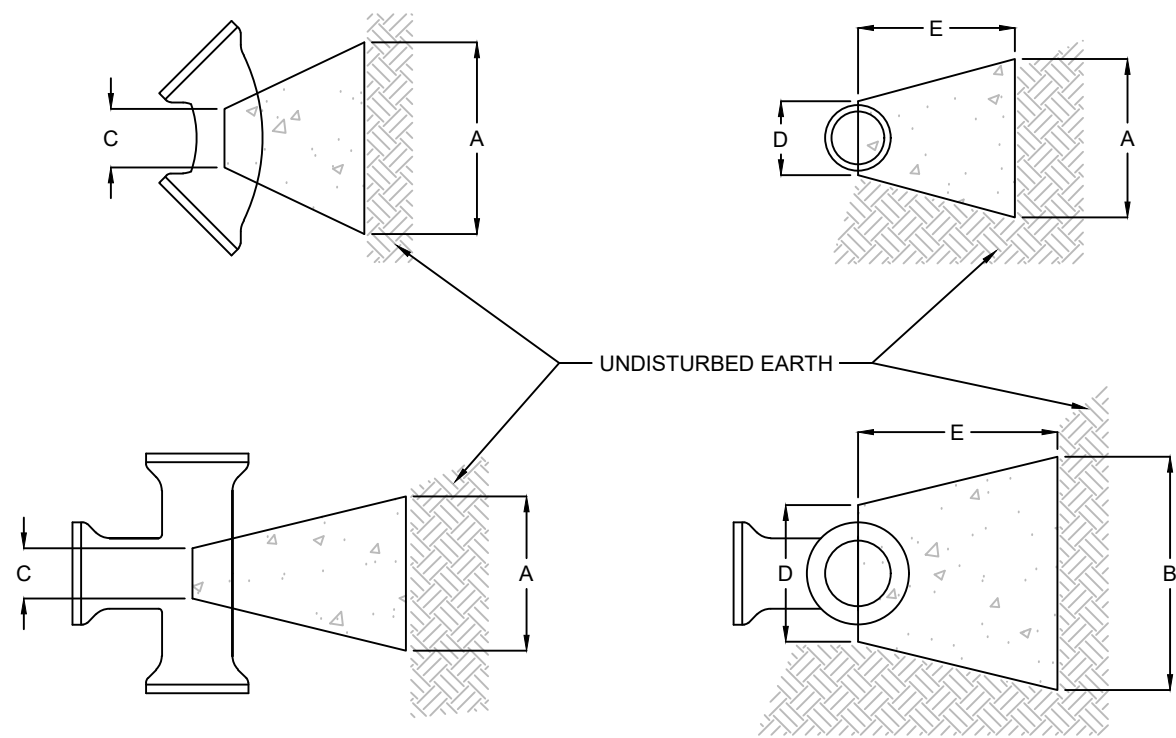


SANITARY SEWER CLEANOUT DETAIL
SCALE: NONE



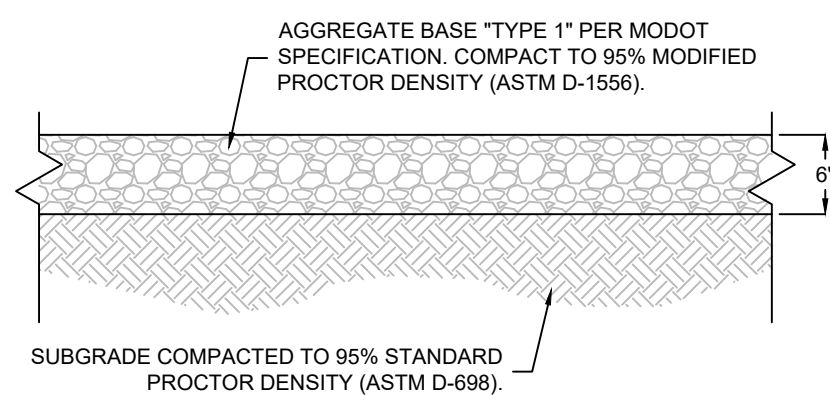
DOWNSPOUT CONNECTION
SCALE: NONE

PIPE SIZE	FITTING	DISTANCE IN INCHES				
		A	B	C	D	E
4" AND SMALLER	11.25" AND 22.5"	32	28	3	7	14
	45"	32	28	4	7	14
	90"	34	28	6	7	14
	TEE/PLUG	36	28	7	7	14
6"	11.25" AND 22.5"	35	29	4	9	15
	45"	36	29	6	9	15
	90"	38	29	7	9	15
	TEE/PLUG	40	29	9	9	15
8"	11.25" AND 22.5"	38	31	5	11	17
	45"	40	31	6	11	17
	90"	52	34	9	11	22
	TEE/PLUG	44	31	11	11	17
10" AND 12"	11.25" AND 22.5"	44	34	7	15	19
	45"	47/59	37	10	15	24
	90"	70/91	38/44	13	15	30/39
	TEE/PLUG	57/71	35/39	15	15	22/28
14" AND 16"	11.25" AND 22.5"	53	38	7	19	23
	45"	72/85	45	10	19	31/37
	90"	108/129	49/55	18	19	46/56
	TEE/PLUG	88/102	47	19	19	35/41
18"	11.25" AND 22.5"	61	41	9	22	26
	45"	98	50	11	22	44
	90"	142	58	20	22	61
	TEE/PLUG	118	52	22	22	48

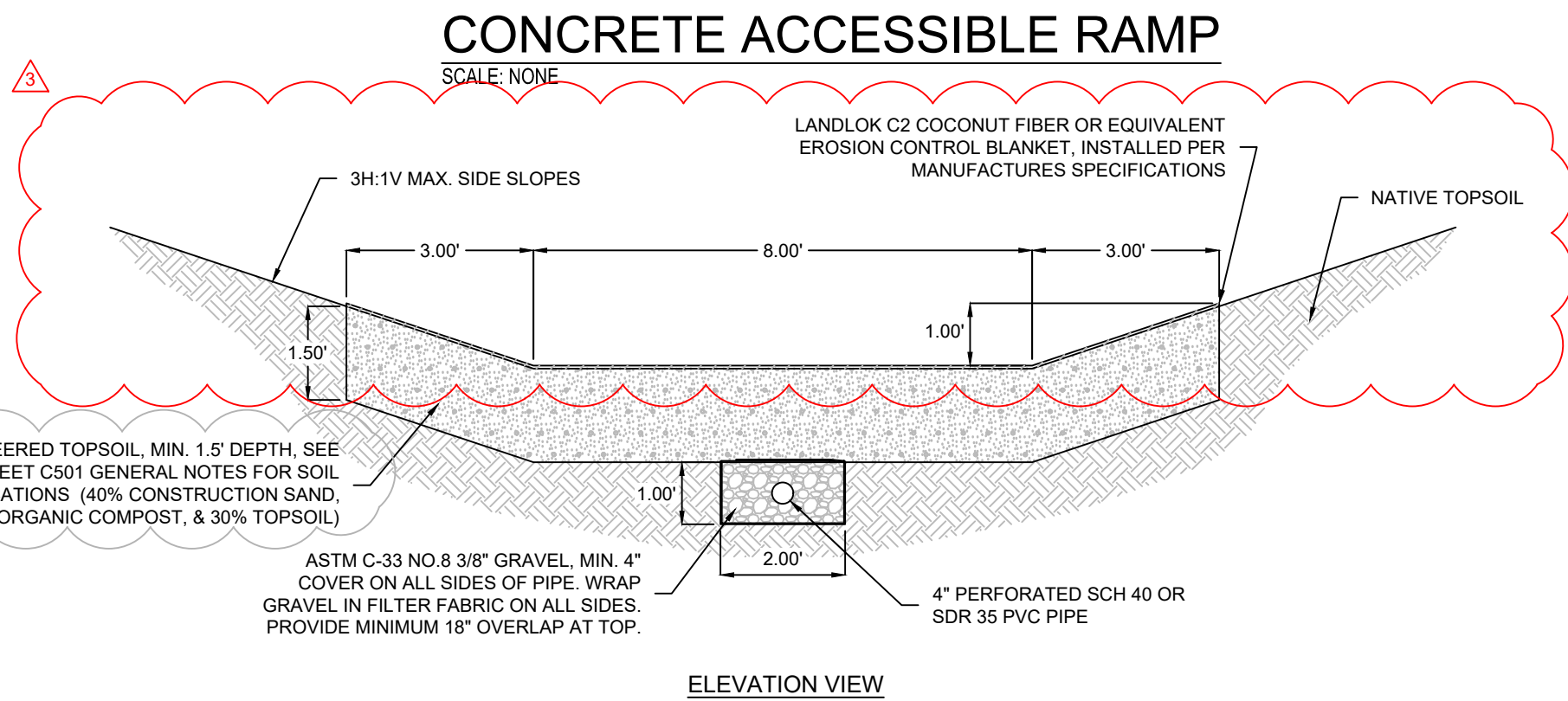
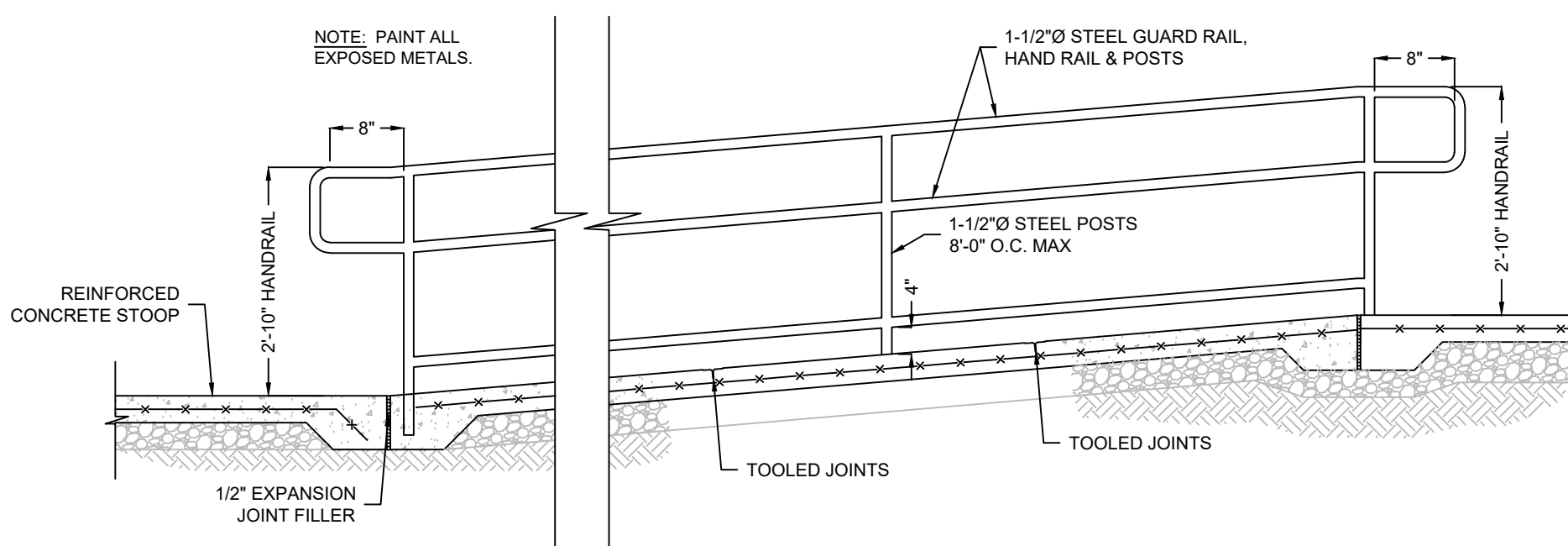


- NOTES:
- THRUST BLOCK SIZES ARE BASED ON A WORKING PRESSURE OF 180 PSI, 36" COVER AND 2,000 PSF ALLOWABLE SOIL BEARING PRESSURE.
 - FOR PIPE SIZES NOT SHOWN, USE THE DIMENSIONS FOR THE NEXT LARGER SIZE.
 - USE 3/8" PLYWOOD FOR SEPARATION BETWEEN BLOCKS AND PLUGS TO PROVIDE FOR FUTURE REMOVAL.

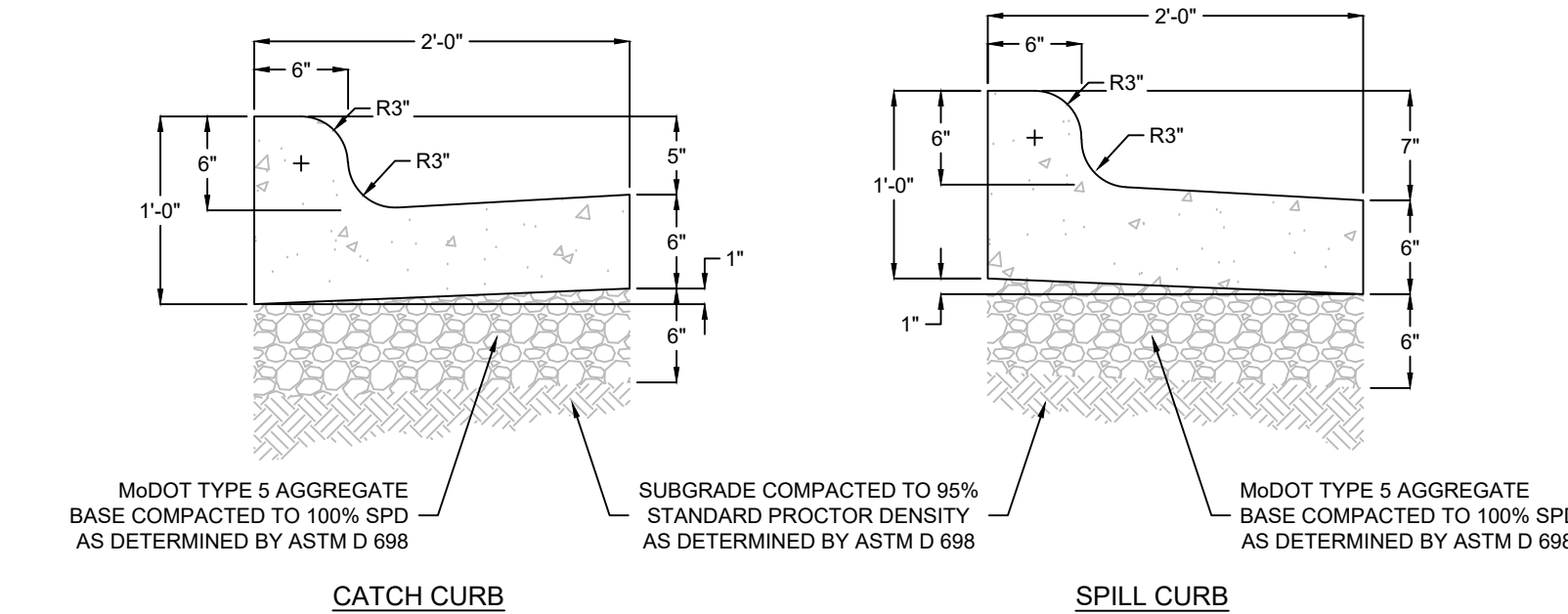
CONCRETE THRUST BLOCK DETAIL
SCALE: NONE



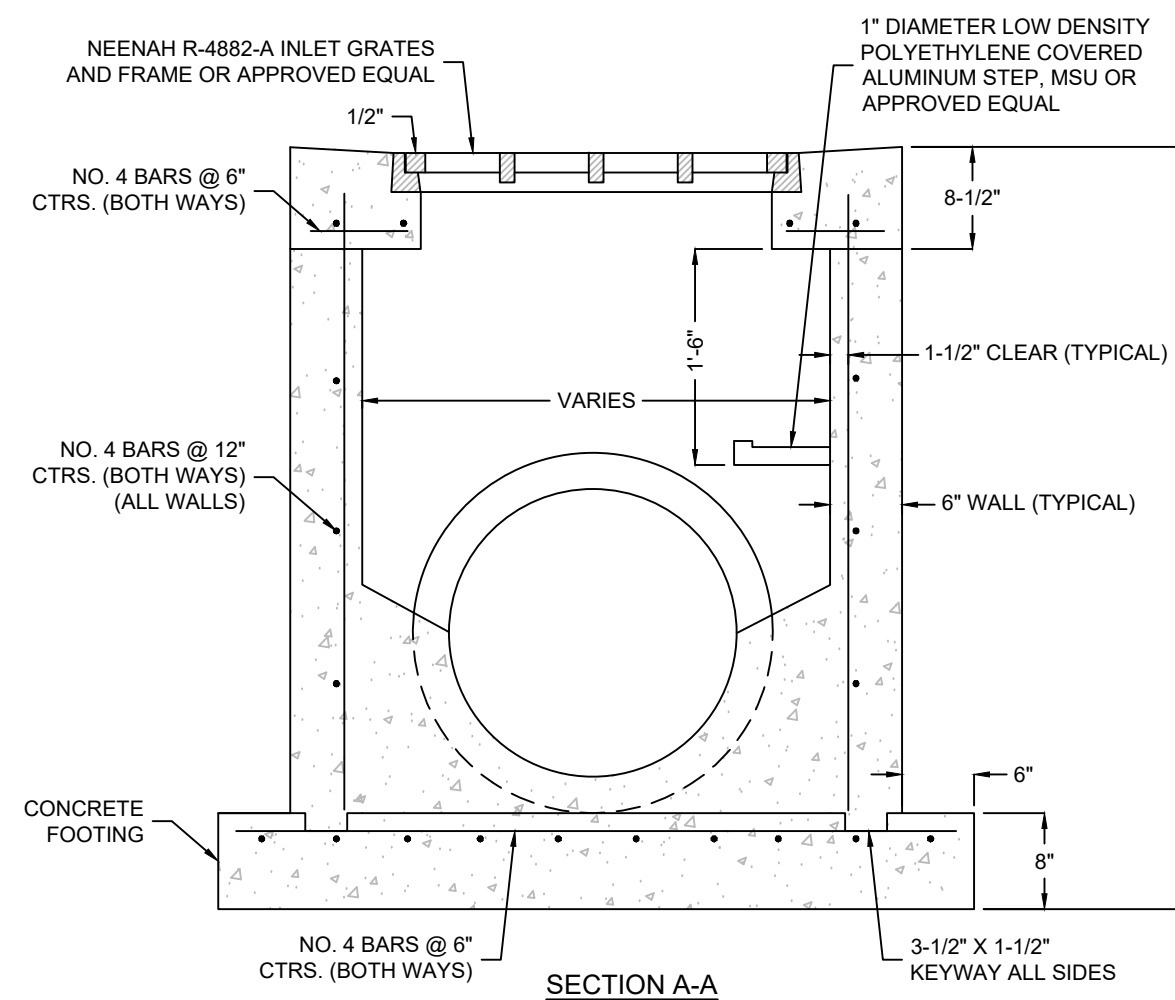
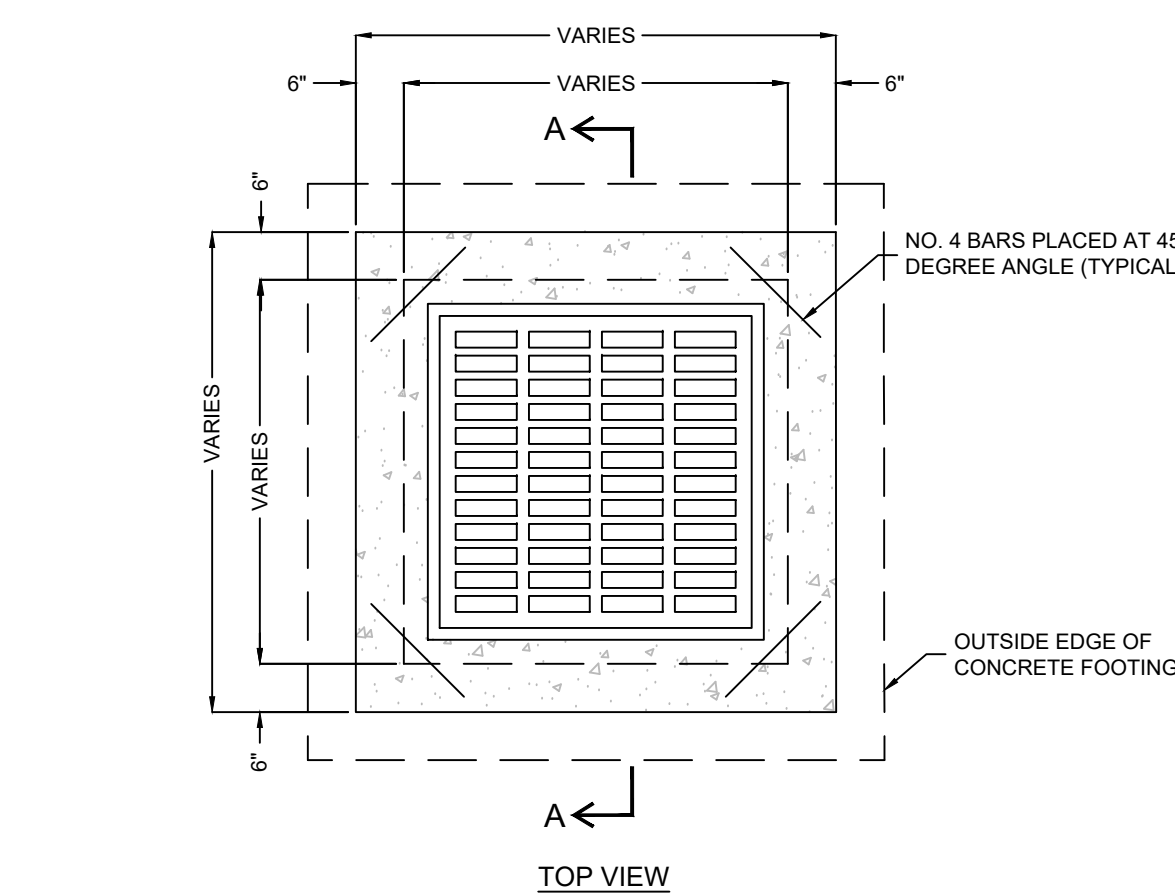
GRAVEL PAVEMENT DETAIL
SCALE: NONE



BIOSWALE TYPICAL SECTION DETAIL
SCALE: NONE

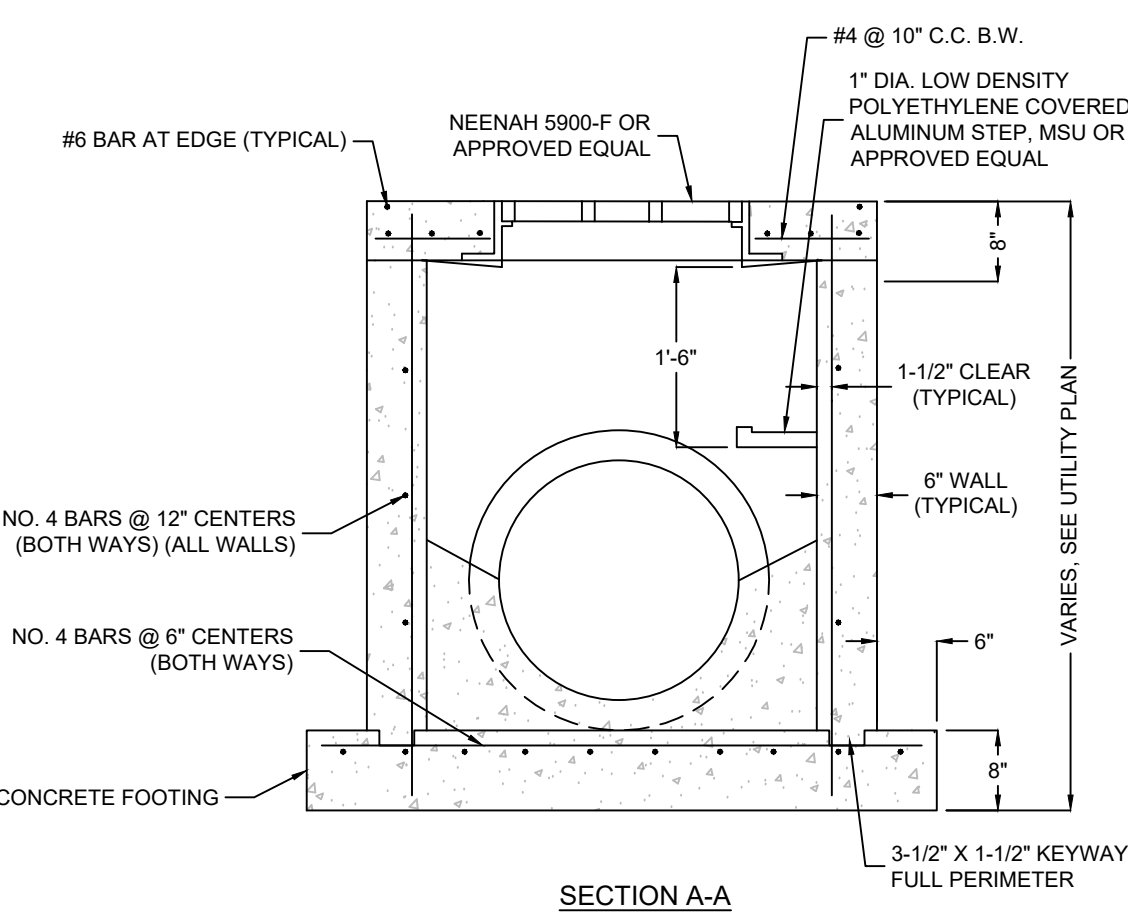
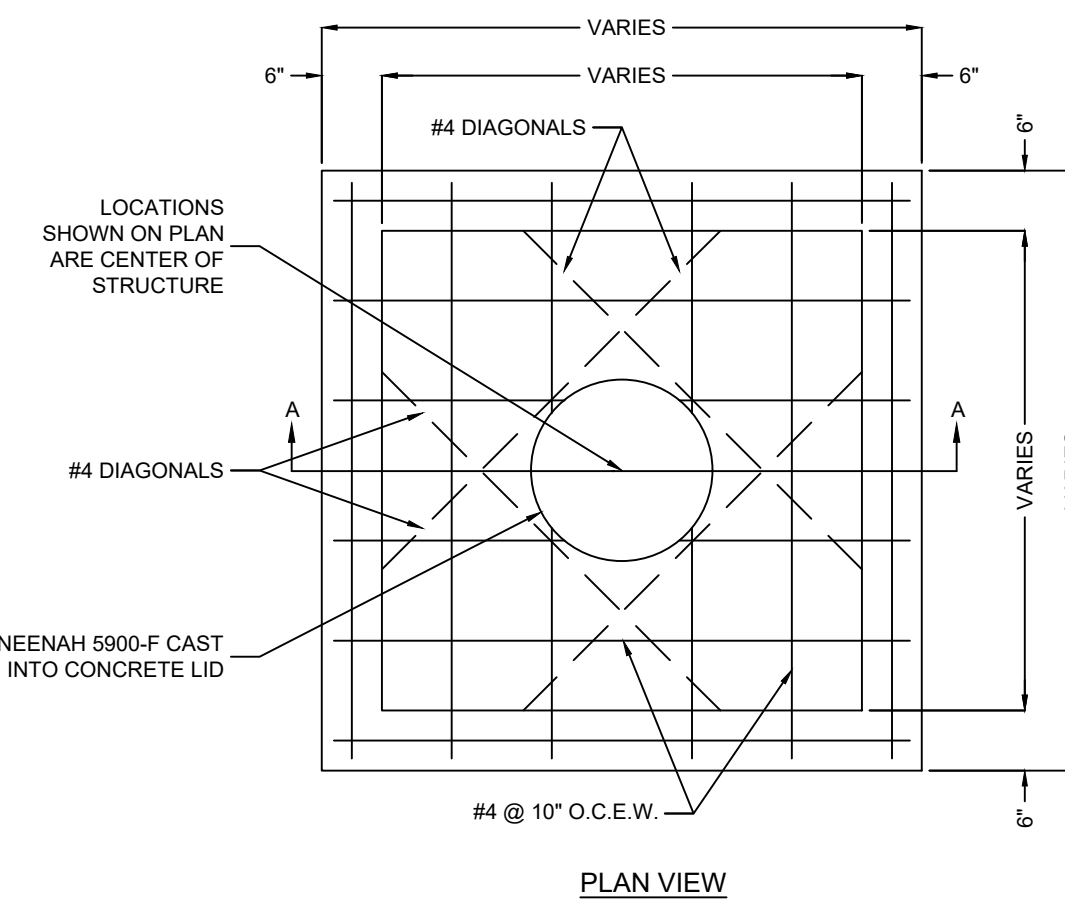


CONCRETE CURB & GUTTER DETAIL
SCALE: NONE



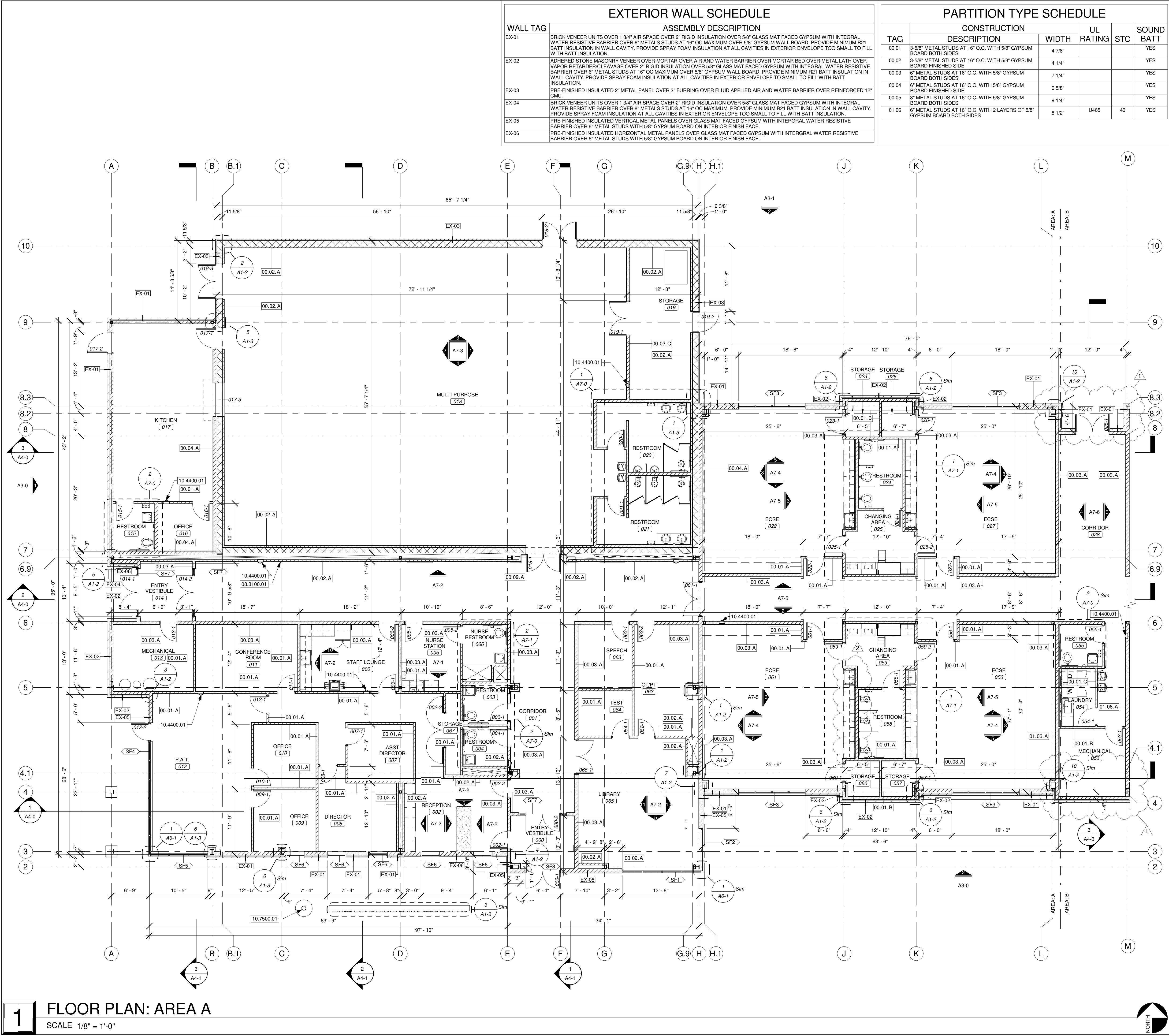
- NOTES:
- USE CLASS "A" CONCRETE (AE) THROUGHOUT.
 - FLOOR OF INLET SHALL BE SHAPED WITH NON-REINFORCED CLASS "A" CONCRETE (AE) INVERT TO PROVIDE SMOOTH FLOW.
 - EXPANSION JOINTS SHALL BE EITHER HOT OR COLD POURED JOINT SEALING COMPOUND, OR PREMOLDED EXPANSION JOINT FILLER.
 - STEEL INLET FRAME SPACERS SHALL BE PLACED AT EQUAL SPACINGS, NOT TO EXCEED 4'-0".
 - BEVEL ALL EXPOSED EDGES WITH 3/4" TRIANGULAR MOLDING.

CONCRETE AREA INLET DETAIL
SCALE: NONE



- NOTES:
- USE CLASS "A" CONCRETE (AE) THROUGHOUT.
 - FLOOR OF INLET SHALL BE SHAPED WITH NON-REINFORCED CLASS "A" CONCRETE (AE) INVERT TO PROVIDE SMOOTH FLOW.
 - EXPANSION JOINTS SHALL BE EITHER HOT OR COLD POURED JOINT SEALING COMPOUND, OR PREMOLDED EXPANSION JOINT FILLER.
 - STEEL INLET FRAME SPACERS SHALL BE PLACED AT EQUAL SPACINGS, NOT TO EXCEED 4'-0".
 - BEVEL ALL EXPOSED EDGES WITH 3/4" TRIANGULAR MOLDING.

JUNCTION BOX DETAIL
SCALE: NONE



JIM W. STEARMAN, ARCHITECT
MO # A-2020039367

THREE PRINTS AND THE REVISIONS OF THIS PROJECT WILL BE PROVIDED TO THE CLIENT. THE USER OF THESE DRAWINGS SHALL BE RESPONSIBLE FOR THE PROJECT REFERENCE BELOW.

PARAGON ARCHITECTURE
637 COLLEGE STREET, SPRINGFIELD, MO 65806
PH: 417.885.0002
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MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415

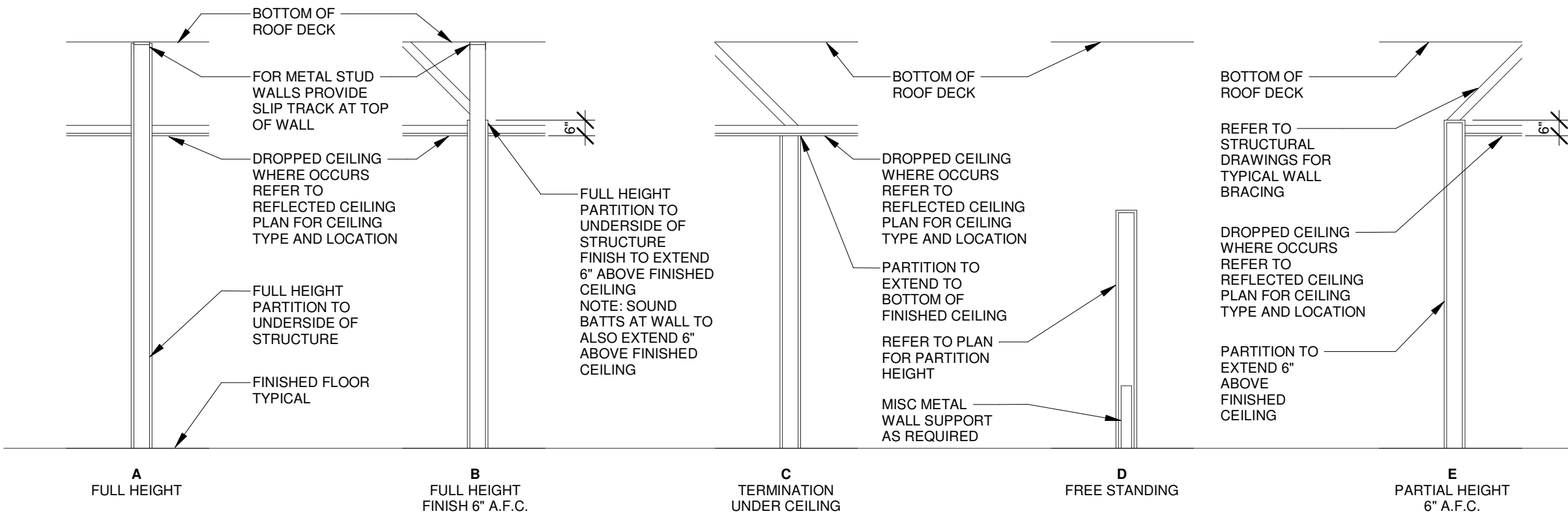
REVISION SCHEDULE

1	ADD-01	2021.06.14
2	ADD-02	2021.06.17

A1-0 MARSHFIELD EARLY CHILDHOOD CENTER
FLOOR PLAN - AREA A
PROJECT NUMBER: 20-602
DATE: 2021.06.09
PROJECT ARCHITECT: CS, KMW
DRAWN BY: BEE
CHECKED BY: KMW, FY

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

TOP OF PARTITION LEGEND



EXTERIOR WALL SCHEDULE SMALL

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

PARTITION TYPE SCHEDULE

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

KEYNOTE LEGEND

10.4400.01	FIRE EXTINGUISHER CABINET
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PARTITION TYPE GENERAL NOTES

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

PARTITION TAG LEGEND

PARTITION TAG IS COMPRISED OF THREE PARTS AS NOTED BELOW:

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

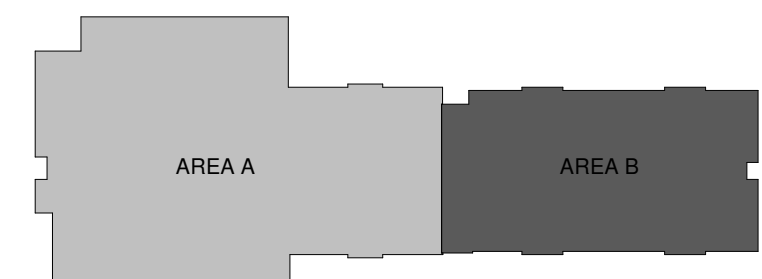
PARTITION TYPE
REFER TO DESCRIPTION IN PARTITION TYPE SCHEDULE

PARTITION TERMINATION
REFER TO TOP OF PARTITION LEGEND

FLOOR PLAN GENERAL NOTES

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

AREA PLAN LEGEND



FLOOR PLAN: AREA B

SCALE 1/8" = 1'-0"



JIM W. STEARMAN, ARCHITECT
MO # A-2020039367

THREE PRINTS AND TWO DIGITAL FILES TO BE PROVIDED TO THE CLIENT BY THE ARCHITECT. THESE PRINTS AND DIGITAL FILES SHALL BE USED ONLY FOR THE PROJECT REFERENCED BELOW.

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

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



STATE OF MISSOURI
JIM W. STEARMAN
NUMBER
A-2020039367
ARCHITECT
6/17/2021
JIM W. STEARMAN, ARCHITECT
MO #: A-2020039367

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MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415

PARAGON ARCHITECTURE

REVISION SCHEDULE

REVISION SCHEDULE		
1	ADD-01	2021.06.14
2	ADD-02	2021.06.17

SHEET NUMBER:	PROJECT DESCRIPTION:
A1-3	MARSHFIELD EARLY CHILDHOOD CENTER

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

DATE: 2021.06.09
PROJECT ARCHITECT: BEE
DRAWN BY: CS, KMW, DRW2
CHECKED BY: KMW, DV

PH: 417.885.0002
www.paragonarchitecture.com

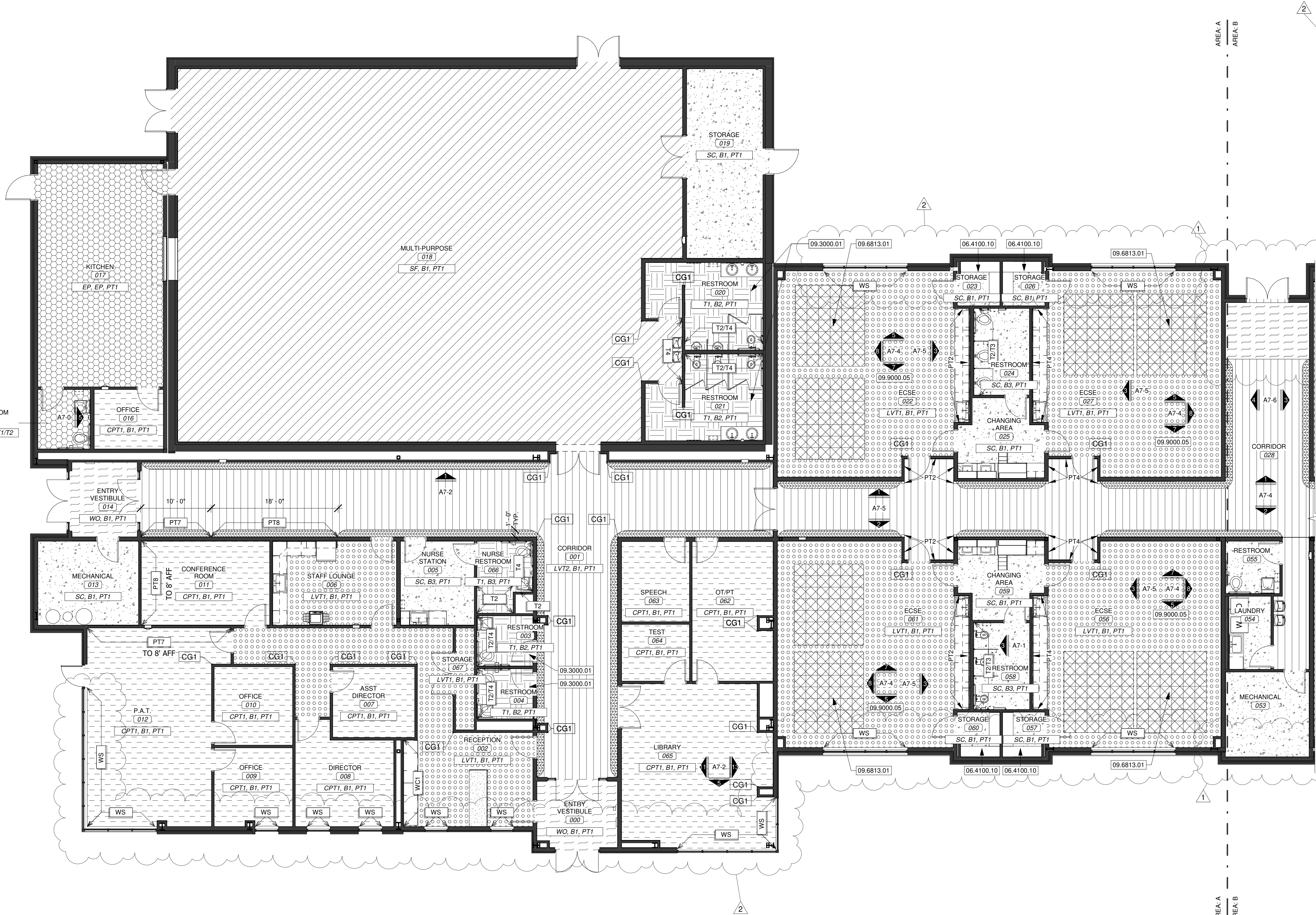
THIS WORK IS PROTECTED UNDER U.S. COPYRIGHT LAW AND THE ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990. FAILURE TO COMPENSATE PARAGON ARCHITECTURE FOR THE USE OF THESE DRAWINGS AS GOVERNED BY THE TERMS OF THE CLIENT-ARCHITECT AGREEMENT (CONTRACT ON FILE), OR 5% OF THE COST OF CONSTRUCTION (MINIMUM IF CONTRACT IS IMPLIED) USE OF THESE DOCUMENTS 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 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

AREA A: 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 COMPENSATE PARAGON ARCHITECTURE FOR THE USE OF THESE DRAWINGS AS GOVERNED BY THE TERMS OF THE CLIENT-ARCHITECT AGREEMENT (CONTRACT OR FILE), OR 5% OF THE COST OF CONSTRUCTION WHICHEVER 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, IN ANY MANNER. 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.



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

WALL BASE	
B1: 4" RESILIENT WALL BASE, BASIS-OF-DESIGN TO BE JOHNSONITE TRADITIONAL WALL BASE, COLOR: CEMENT	
B2: 6"X12" COVE BASE, MANUF. CAESAR, PRODUCT: LINK, COLOR: CHAIN	
NOTE: TO BE USED WITH T1, IF T1 ALTERNATE IS NOT ACCEPTED, B1 IS TO BE USED	
B3: 2"X6" BULLNOSE BASE, MANUF. DALTILE, PRODUCT: COLOR WHEEL CLASSIC, FINISH: GLOSSY	

PAINT	
PT1 THROUGH 8: PAINT COLORS, BASIS-OF-DESIGN TO BE SHERWIN-WILLIAMS EGGSHELL U.N.O.	
PT1: FIELD COLOR: SHERWIN WILLIAMS ALABASTER	
NOTE: HALF TO BE PT1, SEMI GLOSS, L.V.G.	
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: DESIGNTX, PRODUCT: BESTOKE DNA DW11, CUSTOM IMAGE: SI8881 SI-CAPSULE	
T2: WALL TILE, BASIS-OF-DESIGN: DALTILE, PRODUCT: COLOR WHEEL CLASSIC, FINISH: GLOSSY, SIZE: 6'X6", PATTERN: BRICK, GROUT: LATICRETE, PERMACOLOR SELECT ANYCOLOR, COLOR: TO MATCH PT1, NOTE: PROVIDE TRANSITION STRIP AT ALL TOP/EDGE OF TILE TRANSITIONS, BASIS-OF-DESIGN: SCHLUTER SCHIENE-10-AE	
T3: WALL TILE, BASIS-OF-DESIGN: DALTILE, PRODUCT: REVALIA, FAN, COLOR: FELICITY WHITE, FINISH: GLOSSY, SIZE: 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: DALTILE, 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	
AMP1: ACOUSTICAL WALL PANEL, BASIS-OF-DESIGN: G&S AP 2" THICK, FABRIC: DESIGNTX, EVERYWHERE TEXTURE, COLOR: SHELL	
AMP2: ACOUSTICAL WALL PANEL, BASIS-OF-DESIGN: G&S AP 2" THICK, FABRIC: DESIGNTX, EVERYWHERE TEXTURE, COLOR: INDIGO	
AMP3: ACOUSTICAL WALL PANEL, BASIS-OF-DESIGN: G&S AP 2" THICK, FABRIC: DESIGNTX, EVERYWHERE TEXTURE, COLOR: LIGHT BLUE	
CG1: CORNER GUARDS, BASIS-OF-DESIGN SHALL BE INPRO SURFACE MOUNTED STAINLESS STEEL CORNER GUARDS, 1-1/2" WING	
WS: MANUAL ROLLER WINDOW SHADES, BASIS-OF-DESIGN SHALL BE MECO 5X, SHADE CLOTH TO BE ECOVEIL 1% OPEN (SOUTH FACADE) 3% OPEN (NORTH FACADE), FULL RANGE OF COLORS	

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

	SC, B1, PT1	FIELD PAINT FINISH
		FIELD FLOOR FINISH
		BASE FINISH

AREA PLAN LEGEND	
	AREA A
	AREA B



JIM W. STEARMAN, ARCHITECT
MO # A-2020039367

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PH: 417.885.0002
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REVISION SCHEDULE	
1	ADD-01 2021.06.14
2	ADD-02 2021.06.17

PROJECT DESCRIPTION:	
A9-0 MARSHFIELD EARLY CHILDHOOD CENTER	
FINISH PLAN - AREA A	
PROJECT NUMBER: 20-2002	
DATE: 2021.06.09	
PROJECT ARCHITECT: BEE	
DRAWN BY: CS, KMW, DRW2	
CHECKED BY: KMW, FY	

SHEET NUMBER:	
A9-0	
FINISH PLAN - AREA A	
PROJECT NUMBER: 20-2002	
DATE: 2021.06.09	
PROJECT ARCHITECT: BEE	
DRAWN BY: CS, KMW, DRW2	
CHECKED BY: KMW, FY	

SHEET NUMBER:	
A9-0	
FINISH PLAN - AREA A	
PROJECT NUMBER: 20-2002	
DATE: 2021.06.09	
PROJECT ARCHITECT: BEE	
DRAWN BY: CS, KMW, DRW2	
CHECKED BY: KMW, FY	

SHEET NUMBER:	
A9-0	
FINISH PLAN - AREA A	
PROJECT NUMBER: 20-2002	
DATE: 2021.06.09	
PROJECT ARCHITECT: BEE	
DRAWN BY: CS, KMW, DRW2	
CHECKED BY: KMW, FY	

SHEET NUMBER:	
A9-0	
FINISH PLAN - AREA A	
PROJECT NUMBER: 20-2002	
DATE: 2021.06.09	
PROJECT ARCHITECT: BEE	
DRAWN BY: CS, KMW, DRW2	
CHECKED BY: KMW, FY	

