

INSTRUCTIONS FOR:

# GRIFFIN BIKE PARK

## RESTROOM BUILDING

10700 BONO ROAD, TERRE HAUTE, INDIANA 47802

### VICINITY MAP



PROJECT LOCATION  
VIGO COUNTY,  
INDIANA

### CONTACT INFO

#### OWNER:

Griffin Bike Park  
10700 Bono Road  
Terre Haute, IN 47802  
PHONE: 812.462.3392  
E-MAIL: rich@griffinbikepark.com  
CONTACT: Mr. Rich Moore

#### ARCHITECT:

Holder Design, Inc  
24 South 5th Street  
Terre Haute, IN 47807  
PHONE: 812.235.1300  
E-MAIL: mholder@holderdesign.net  
CONTACT: Matthew L. Holder AIA

### PROJECT INFO.

PROJECT ADDRESS 10700 BONO ROAD,  
TERRE HAUTE, IN 47802

PROJECT DESCRIPTION THE SCOPE OF WORK FOR THIS  
PORTION OF THE PROJECT INCLUDES  
THE CONSTRUCTION OF A CMU  
RESTROOM BUILDING.

PLANNED SQUARE FOOTAGE 468 SF

OCCUPANCY U- UTILITY



LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON  
THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE  
(INCLUDING, BUT NOT LIMITED TO, MANHOLES, INLETS, VALVES,  
AND MARKS MADE UPON THE GROUND BY OTHERS) AND ARE  
SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING  
UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE  
GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE  
WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING  
UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE  
CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

CALL 811 OR 1-800-382-5544  
48 HOURS BEFORE DIGGING

### DRAWING INDEX:

#	DRAWING NAME	REV. 1	REV. 2	REV. 3
A0.0	COVER SHEET			
A0.1	ARCHITECTURAL SITE PLAN			
A1.0	FOUNDATION PLAN & FLOOR PLAN			
A2.0	ROOF FRAMING, ROOF PLAN, & SECTIONS			
A3.0	EXTERIOR ELEVATIONS			
A4.0	MECHANICAL, ELECTRICAL, & PLUMBING PLANS			
E0.1	Electrical Site Plan			
ME1.0	Mechanical and Electrical Floor Plans			
A0.2	Project Materials List			



24 South 5th Street  
Terre Haute, Indiana  
47807  
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www.holderdesign.net

#### SCOPE DOCUMENT

THE DRAWINGS INDICATE THE GENERAL  
SCOPE OF THE PROJECT IN TERMS OF  
ARCHITECTURAL DESIGN CONCEPT, THE  
DIMENSIONS OF THE BUILDING, THE  
MAJOR ARCHITECTURAL ELEMENTS AND  
THE TYPE OF STRUCTURAL,  
MECHANICAL AND ELECTRICAL  
SYSTEMS. AS SCOPE DOCUMENTS, THE  
DRAWINGS DO NOT NECESSARILY  
INDICATE OR DESCRIBE ALL WORK THAT  
IS REQUIRED FOR FULL PERFORMANCE  
AND COMPLETION OF THE  
REQUIREMENTS OF THE CONTRACT  
DOCUMENTS. ON THE BASIS OF THE  
GENERAL SCOPE INDICATED OR  
DESCRIBED, THE TRADE CONTRACTORS  
SHALL FURNISH ALL ITEMS REQUIRED  
FOR THE PROPER EXECUTION AND  
COMPLETION OF THE WORK.



*Matthew L. Holder*  
09/26/22

THE SEALS AND SIGNATURES APPLY  
ONLY TO THE DOCUMENT TO WHICH  
THEY ARE AFFIXED AND WE EXPRESSLY  
DISCLAIM ANY RESPONSIBILITY FOR ALL  
OTHER PLANS, SPECIFICATIONS,  
ESTIMATES, REPORTS, OR OTHER  
DOCUMENTS OR INSTRUMENTS  
RELATING TO OR INTENDED TO BE USED  
FOR ANY PART OR PARTS OF THE  
PROJECT.

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INSTRUCTIONS FOR:  
**GRIFFIN BIKE PARK**  
**RESTROOM BUILDING**  
TERRE HAUTE, INDIANA

SHEET DESCRIPTION: COVER SHEET

### LOCATOR MAP



↑  
NORTH

### BUILDING CODES:

GENERAL ADMINISTRATIVE RULES: (675-IAC-12)

INDIANA BUILDING CODE, 2014 EDITION: (675-IAC-13-2.6 IBC) BASED ON: 2012 INTERNATIONAL BUILDING CODE (1ST PRINTING),  
ANSI A117.1-2009, WITH INDIANA AMENDMENT, EFFECTIVE DECEMBER 1, 2014

INDIANA RESIDENTIAL CODE 2005 EDITION: (675-IAC-14-4.3 ) BASED ON: 2003 INTERNATIONAL RESIDENTIAL CODE, WITH INDIANA  
AMENDMENTS, EFFECTIVE APRIL 15, 2012

INDUSTRIALIZED BUILDING SYSTEMS: (675-IAC-15-1.1 THROUGH 15-1.7) EFFECTIVE SEPTEMBER 17, 2005

INDIANA PLUMBING CODE 2012 EDITION: (675-IAC-16-1.4P ) BASED ON: 2006 INTERNATIONAL PLUMBING CODE WITH INDIANA  
AMENDMENTS, EFFECTIVE DECEMBER 24, 2012

INDIANA ELECTRICAL CODE 2009 EDITION: (675-IAC-17-1.8 IEC) BASED ON: 2008 NATIONAL ELECTRICAL CODE (1ST PRINTING)  
WITH INDIANA AMENDMENTS, EFFECTIVE AUGUST 26, 2009

INDIANA MECHANICAL CODE 2014 EDITION: (675-IAC-18-1.6 IMC) BASED ON: 2012 INTERNATIONAL MECHANICAL CODE (1ST  
PRINTING) WITH INDIANA AMENDMENTS, EFFECTIVE DECEMBER 1, 2014

INDIANA ENERGY CONSERVATION CODE 2010, (675 IAC 19-4), (ASHRAE 90.1 2007 EDITION, AS AMENDED)

INDIANA SAFETY CODE FOR ELEVATORS, ESCALATORS, MAN LIFTS AND HOISTS: (675-IAC-21-11-2 SCEEMH) BASED ON:  
AUTOMATED PEOPLE MOVER-PART 1, PART 2, AND PART 3, ANSI/ASCE/T &DI 21-08, AS AMENDED EFFECTIVE APRIL 13, 2011

INDIANA FIRE PREVENTION CODE: (675-IAC-22-2.5 IFC) BASED ON: 2012 INTERNATIONAL FIRE CODE, (1ST PRINTING) WITH  
INDIANA AMENDMENTS, EFFECTIVE DECEMBER 1, 2014.

INDIANA SUPPLEMENTARY FIRE SAFETY RULES: (675-IAC-24-1 SFSR) EFFECTIVE OCTOBER 11, 2001

INDIANA FUEL GAS CODE 2014: (675-IAC-25-3 IFGC) BASED ON: 2012 INTERNATIONAL FUEL GAS CODE (2ND PRINTING), WITH  
INDIANA AMENDMENTS, EFFECTIVE DECEMBER 1, 2014

### GENERAL NOTES:

- G.C. (GENERAL CONTRACTOR) SHALL REVIEW ALL DOCUMENTS AND FIELD VERIFY ALL  
DIMENSION AND CONDITIONS AND SHALL CONFIRM THAT WORK IS BUILDABLE AS  
SHOWN. ANY DISCREPANCIES OR OMISSIONS, ETC., SHALL BE REPORTED TO THE  
ARCHITECT IMMEDIATELY FOR CLARIFICATION PRIOR TO BEGINNING WORK RELATED  
THERETO.
- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT RULES AND  
REGULATIONS OF APPLICABLE STATE AND/OR LOCAL CODES. LAWS, ORDINANCES,  
STATUTES AND REGULATIONS. NOTHING IN THE DRAWINGS OR SPECIFICATIONS SHALL  
BE CONSTRUED AS REQUIRING OR PERMITTING WORK CONTRARY TO THESE RULES,  
REGULATIONS AND CODES. REPORT ANY DISCREPANCIES BETWEEN DRAWINGS AND  
SPECIFICATIONS AND APPLICABLE REGULATIONS TO ARCHITECT IMMEDIATELY.
- THE DRAWINGS INDICATE LOCATIONS, DIMENSIONS, AND TYPICAL DETAILS OF  
CONSTRUCTION. THE DRAWINGS DO NOT ILLUSTRATE EVERY CONDITION. WORK NOT  
EXPLICITLY DETAILED IS ASSUMED TO BE OF CONSTRUCTION SIMILAR TO PARTS THAT  
ARE DETAILED. G.C. SHALL REPORT ANY DISCREPANCIES DISCOVERED TO THE  
ARCHITECT FOR RESOLUTION BEFORE PROCEEDING WITH WORK.
- ALL DIMENSIONS SHOWN IN DRAWING ARE BASED ON SPECIFIED MATERIALS AND  
EQUIPMENT. ANY CHANGES OR SUBSTITUTIONS MAY AFFECT DIMENSIONS. G.C. TO  
NOTIFY ARCHITECT BEFORE MAKING CHANGES.
- G.C. TO COORDINATE ALL WORK WITH MECHANICAL, ELECTRICAL, PLUMBING AND  
FIRE-PROTECTION CONTRACTORS. G.C. SHALL SUBMIT ALL DRAWINGS TO THE  
ARCHITECT FOR REVIEW PRIOR TO CONSTRUCTION.
- THE G.C. SHALL COORDINATE AND COOPERATE WITH THE WORK OF SEPARATE  
CONTRACTORS.
- G.C. SHALL PROVIDE ALL SHOP DRAWINGS FOR FABRICATED ITEMS, CATALOG CUTS  
FOR ALL FIXTURES AND EQUIPMENT, AND SAMPLES OF AL FINISHES SPECIFIED TO THE  
ARCHITECT FOR APPROVAL THREE (3) WEEKS PRIOR TO FABRICATION AND/OR  
PURCHASING.
- ALL FIRE RESISTIVE ASSEMBLIES SHALL BE MAINTAINED AT ALL MECHANICAL,  
ELECTRICAL, AND PLUMBING WALL PENETRATIONS THROUGH THE USE OF FIRE STOP  
MATERIAL AT THESE LOCATIONS USING THE APPROPRIATE FIRE RATED ASSEMBLIES.

#### REVISIONS

MP 26 September 2022

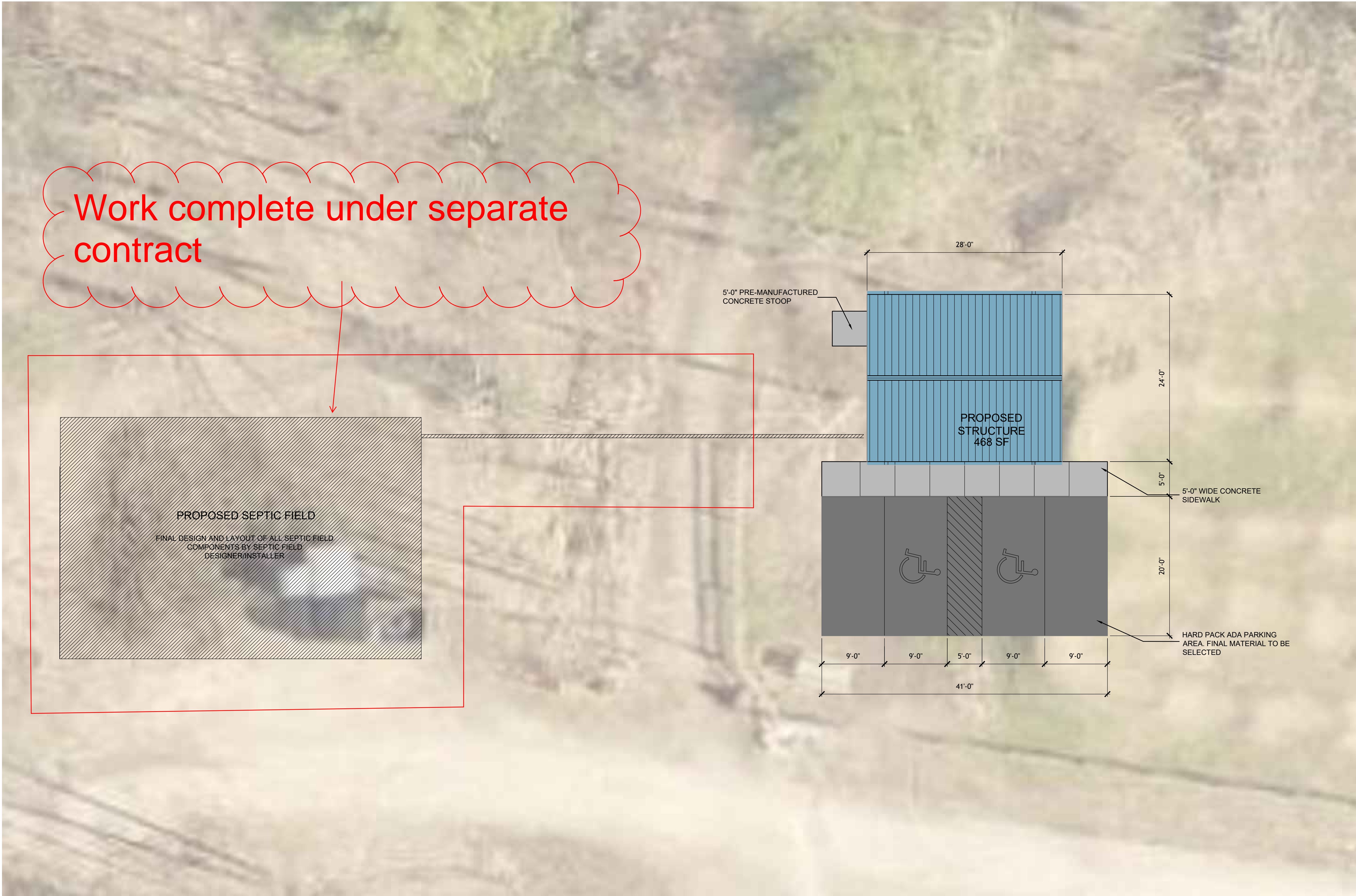
SHEET NO.

**A0.0**

JOB NO.


A20-033





2 LOCATION MAP  
A0.1 SCALE: 1/64" = 1'-0"

1 ARCHITECTURAL SITE PLAN  
A0.1 SCALE: 1/8" = 1'-0"




**HOLDERDESIGN, INC.**

24 South 5th Street  
Terre Haute, Indiana 47807  
ph: 812.235.1300  
www.holderdesign.net

**SCOPE DOCUMENT**

THE DRAWINGS INDICATE THE GENERAL SCOPE OF THE PROJECT IN TERMS OF ARCHITECTURAL DESIGN CONCEPT, THE DIMENSIONS OF THE BUILDING, THE MAJOR ARCHITECTURAL ELEMENTS AND THE TYPE OF STRUCTURAL, MECHANICAL AND ELECTRICAL SYSTEMS. AS SCOPE DOCUMENTS, THE DRAWINGS DO NOT NECESSARILY INDICATE OR DESCRIBE ALL WORK THAT IS REQUIRED FOR FULL PERFORMANCE AND COMPLETION OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. ON THE BASIS OF THE GENERAL SCOPE INDICATED OR DESCRIBED, THE TRADE CONTRACTORS SHALL FURNISH ALL ITEMS REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.



*Matthew Holder*  
09/20/22

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INSTRUCTIONS FOR:  
**GRIFFIN BIKE PARK  
RESTROOM BUILDING**  
TERRE HAUTE, INDIANA

SHEET DESCRIPTION: ARCHITECTURAL SITE PLAN

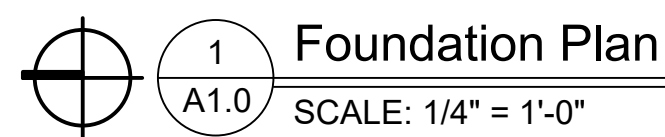
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SHEET NO.  
**A0.1**

JOB NO.  
A20-033

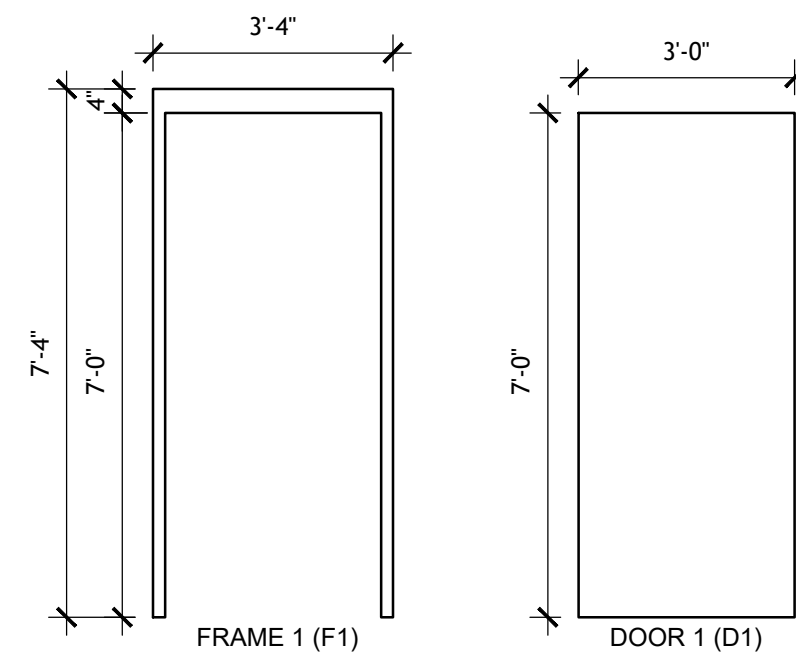
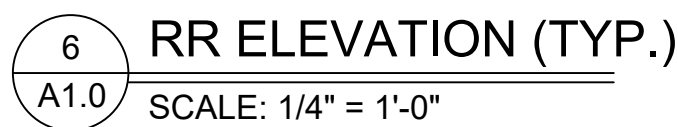
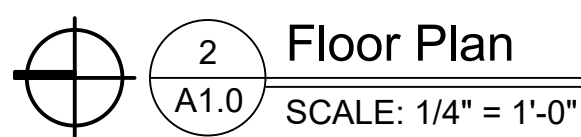
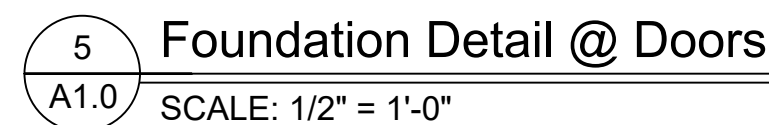




NOTES:



- CONSTRUCTION NOTE:

3 Construction Joint  
A1.0 SCALE: 1/2" = 1'-0"

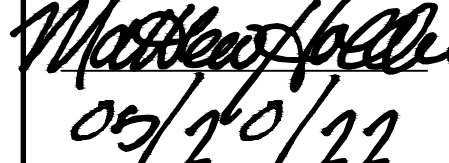
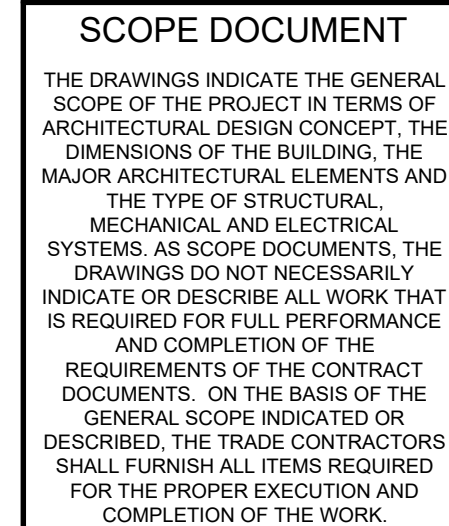


## REFERENCE ENGINEERING DRAWINGS FOR FIXTURE AND EQUIPMENT SPECIFICATIONS

DOOR & FRAME SCHEDULE										
DOOR							FRAME		REMARKS	
DOOR NUMBER	SIZE				FAMILY AND TYPE	ELEVATION	MATERIAL	GLASS		
	TYPE	THICK	WIDTH	HEIGHT						
101	1	1 3/4"	3'-0"	7'-0"	HM Steel/ Welded/ Single-Flush	D1	HM	F1		
102	1	1 3/4"	3'-0"	7'-0"	HM Steel/ Welded/ Single-Flush	D1	HM	F1		
103	1	1 3/4"	3'-0"	7'-0"	HM Steel/ Welded/ Single-Flush	D1	HM	F1		
104	1	1 3/4"	3'-0"	7'-0"	HM Steel/ Welded/ Single-Flush	D1	HM	F1		

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24 South 5th Street Terre Haute, Indiana 47807 ph 812.235.1300 www.holderdesign.net	
<b>SCOPE DOCUMENT</b>	
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 <i>Matthew Lynne Holder</i> 09/30/22	
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<b>INSTRUCTIONS FOR:</b> <b>GRIFFIN BIKE PARK</b> <b>RESTROOM BUILDING</b> <b>TERRE HAUTE, INDIANA</b>	
<b>SHEET DESCRIPTION:</b> FOUNDATION & FLOOR PLAN	
<b>REVISIONS</b>	
MP 26 September 2022	
SHEET NO.	
<b>A1.0</b>	
JOB NO.	
<b>A20-033</b>	





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# INSTRUCTIONS FOR: GRIFFIN BIKE PARK RESTROOM BUILDING TERRE HAUTE, INDIANA

SHEET DESCRIPTION:	ROOF FRAMING, ROOF PLAN, & SECTIONS
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## MP 26 September 2022

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[illegible]

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DOI: 10.1002/for

SHEET NO. \_\_\_\_\_

120

A20

## 7.2.0

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JOB NO. **A20 033**

A20-033

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5/8" PLYWOOD OR OSB - TABLE C : CASE 1 - UNBLOCKED EDGES  
DFPA STRUCTURAL GRADE 1 DFPA CD  
10d NAILS AT 6 INCHES O.C. AT SUPPORTED EDGES  
10d NAILS AT 12 INCHES O.C. INTERMEDIATE

1/2" PLYWOOD OR OSB DFLA STRUCTURAL - GRADE 11 CD  
10d NAILS AT 6 INCHES O.C. AT SUPPORTED EDGES  
10d NAILS AT 12 INCHES O.C. INTERMEDIATE

1. TRUSS SYSTEM SHALL BE DESIGNED COMPLETELY BY THE TRUSS MFG. INCLUDING HIPS, VALLEYS, AND GIRDERS.
2. ALL CONNECTIONS FOR THE HIP AND VALLEY SYSTEM SHALL BE COMPLETELY BY THE TRUSS MFG.
3. CONNECTIONS OF TRUSSES TO BEARING WALLS/BEAMS SHALL BE AS INSTALLED IN THE DRAWINGS.
4. INSTALL ALL BRACING FOR THE TRUSSES AS REQUIRED BY THE TRUSS DESIGNER
5. FIELD VERIFY AND MATCH ALL EXISTING CONDITIONS WHEN MATCHING AN EXISTING ROOFING SYSTEM.
6. INCLUDING ROOF PITCH, BEARING HEIGHT, BEARING WIDTH, EAVE CHANGES, ETC.
7. TOTAL TRUSS DEFLECTION SHALL BE LIMITED TO L/360.

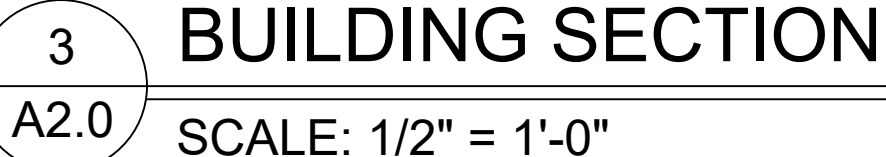
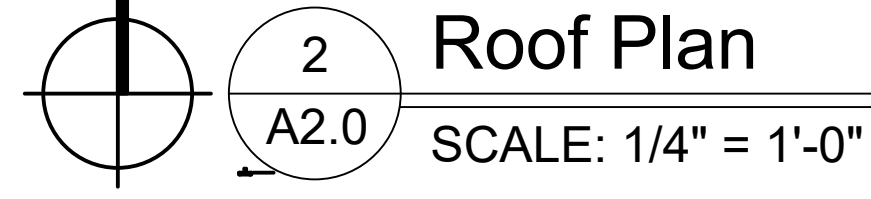
LIVE LOAD = 20 PSF  
DEAD LOAD = 10 PSF

LIVE LOAD = 0 PSF  
DEAD LOAD = 10 PSF

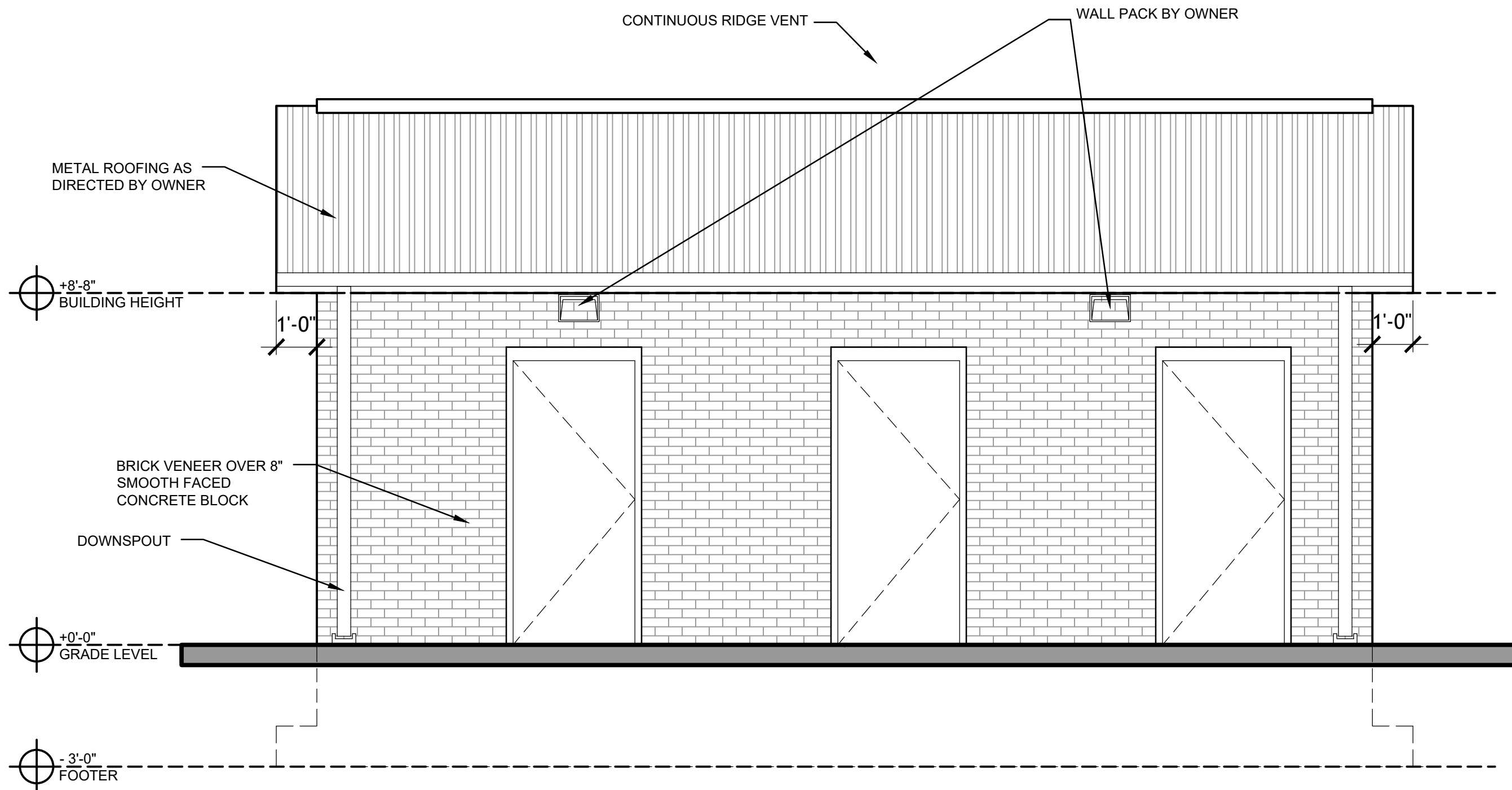
LINTEL/BEAM SCHEDULE	
NUMBER	LINTEL CONSTRUCTION
L1	2 ANGLES - 3 1/2" x 3 1/2" x 1/4" LLV WITH 8" BEARING EACH END.

REINFORCEMENT SPLICE		SCHEDULE
BAR SIZE	CLASS "A" SPLICE	CLASS "B" SPLICE
#4	1'-7"	2'-1"
#5	2'-0"	2'-7"
#6	2'-5"	3'-1"
#7	3'-6"	4'-6"
#8	4'-0"	5'-2"
#9	4'-6"	5'-10"

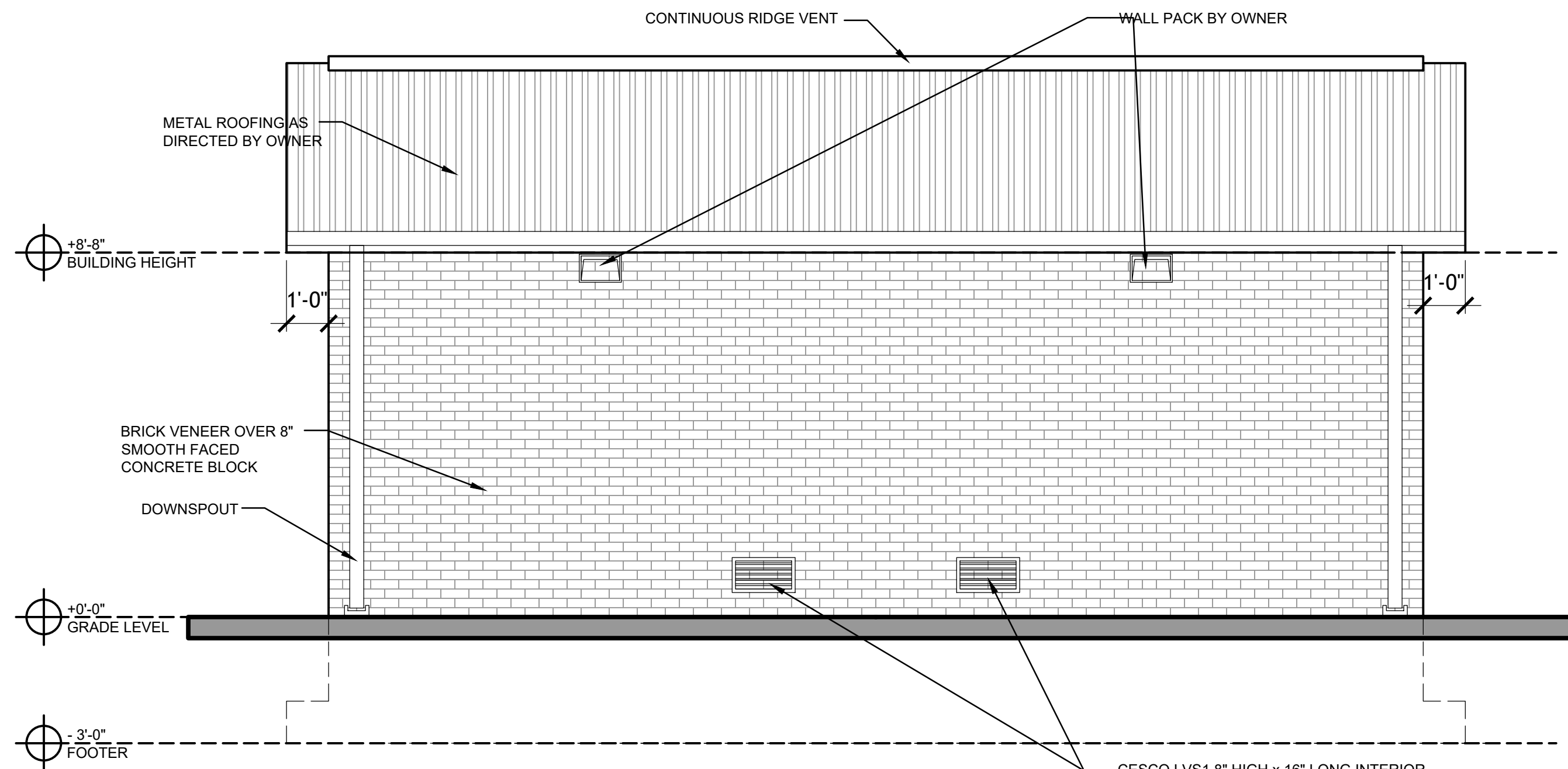
1. ALL SPLICE LENGTHS SHALL BE CLASS "A" UNLESS SPECIFIED ON THE DRAWINGS.



All brick provided by the Owner. Brick is currently onsite.

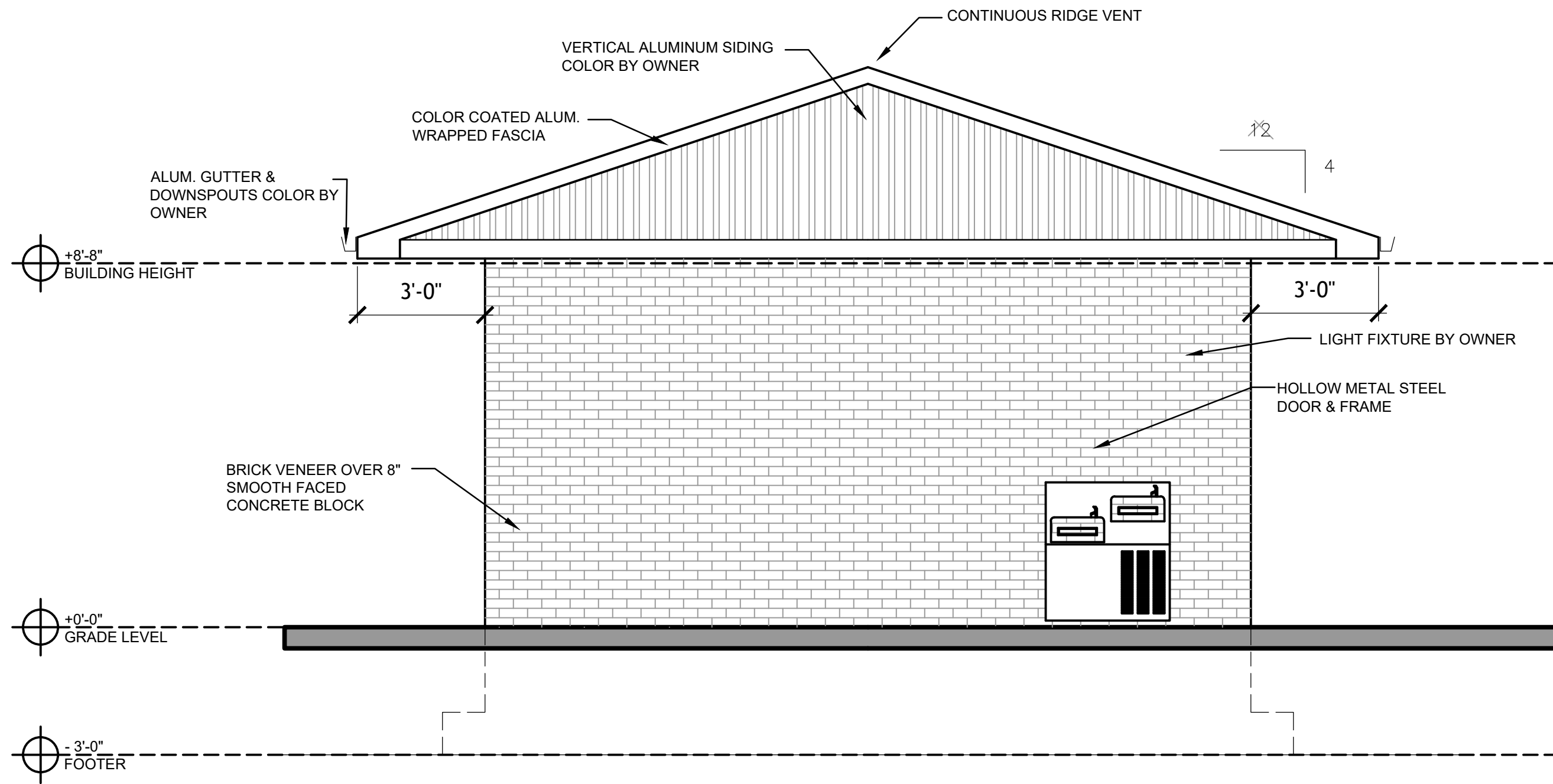


1 East Elevation  
A3.0 SCALE: 3/8" = 1'-0"

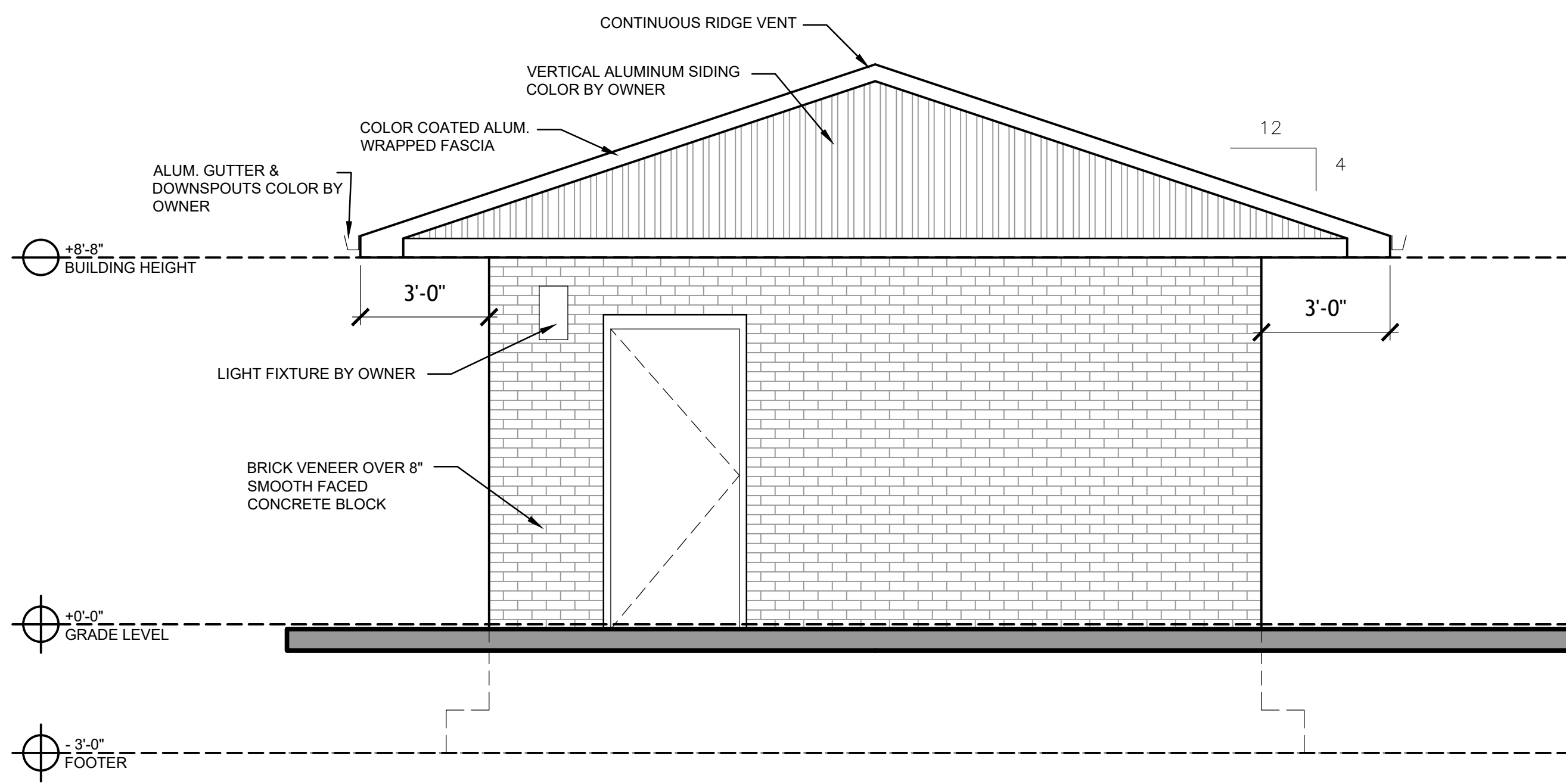


3 West Elevation  
A3.0 SCALE: 3/8" = 1'-0"

CESCO LVS1 8" HIGH x 16" LONG INTERIOR  
CESCO LVS2 8" HIGH x 16" LONG EXTERIOR  
BRICK VENTS AT LOCATIONS SHOWN WITH  
SCREEN WITH CLEAR ANODIZED FINISH CAULK  
INTERIOR AND EXTERIOR



2 South Elevation  
A3.0 SCALE: 3/8" = 1'-0"



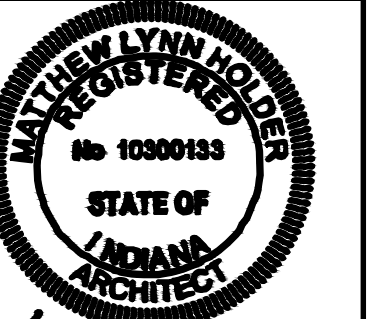
4 North Elevation  
A3.0 SCALE: 3/8" = 1'-0"



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*Matthew Lynn Holder*  
05/20/22

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INSTRUCTIONS FOR:  
**GRIFFIN BIKE PARK  
RESTROOM BUILDING**  
TERRE HAUTE, INDIANA

#### REVISIONS

MP 26 September 2022

SHEET NO.

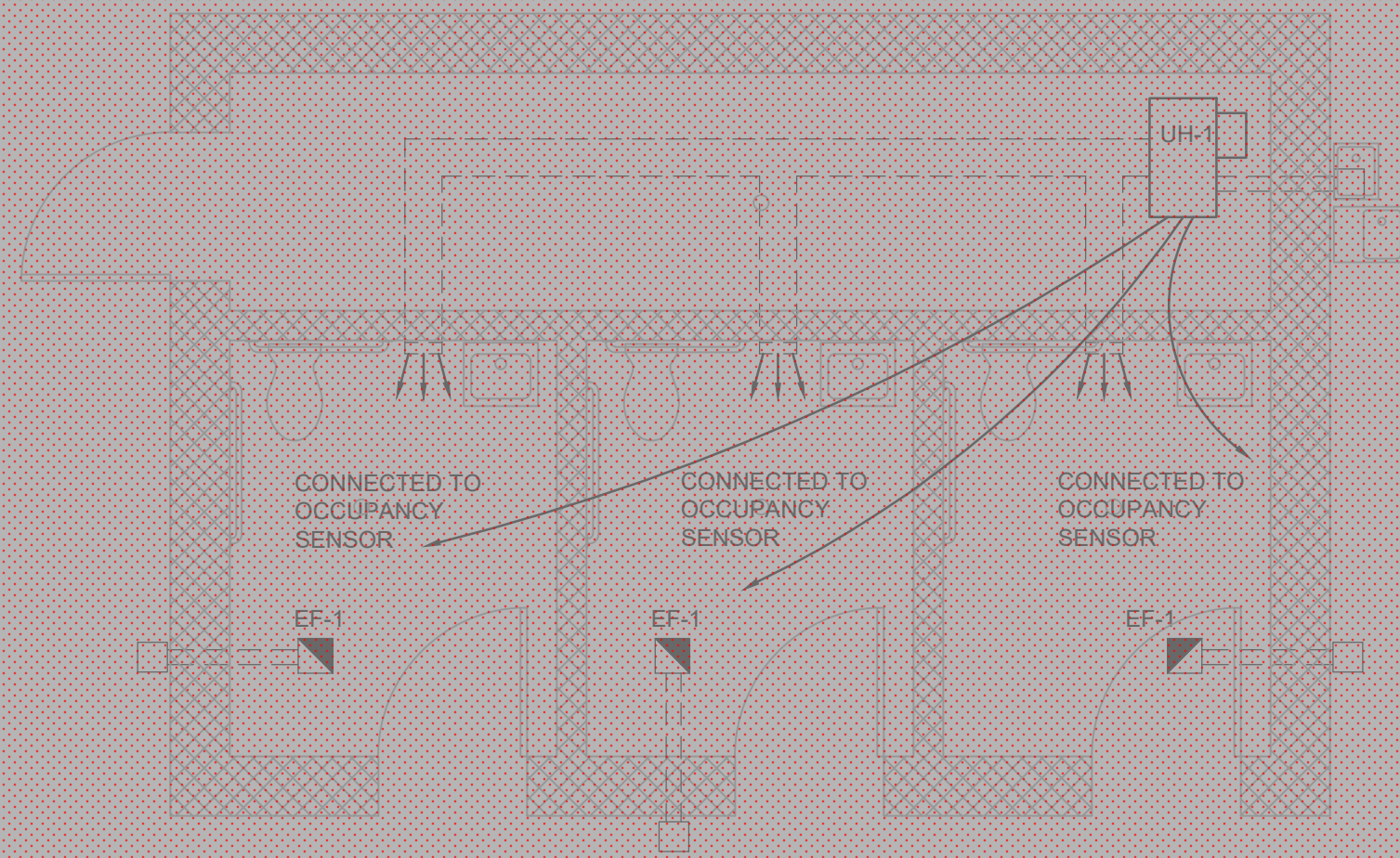
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JOB NO.

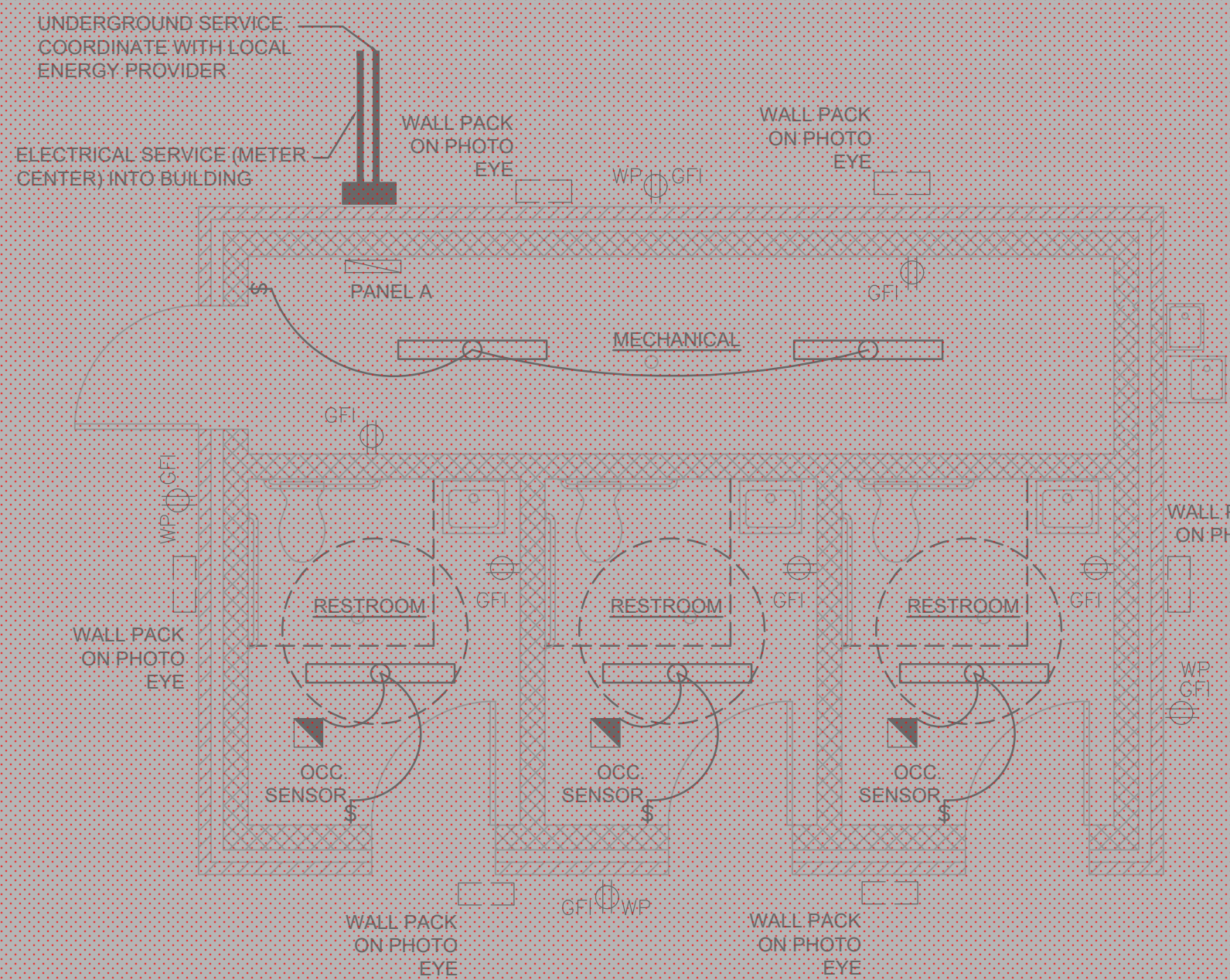
A20-033

SHEET DESCRIPTION: EXTERIOR ELEVATIONS

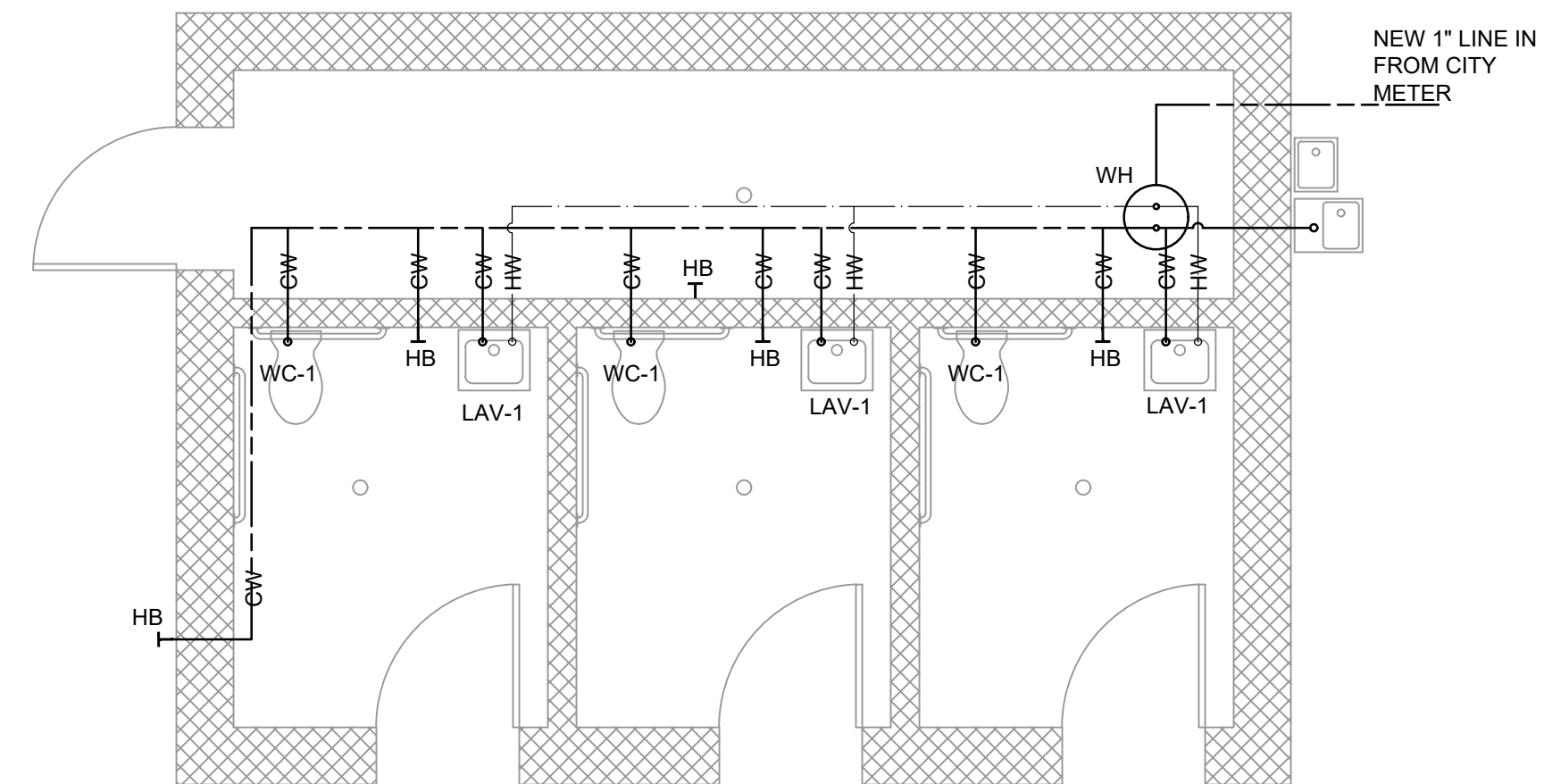




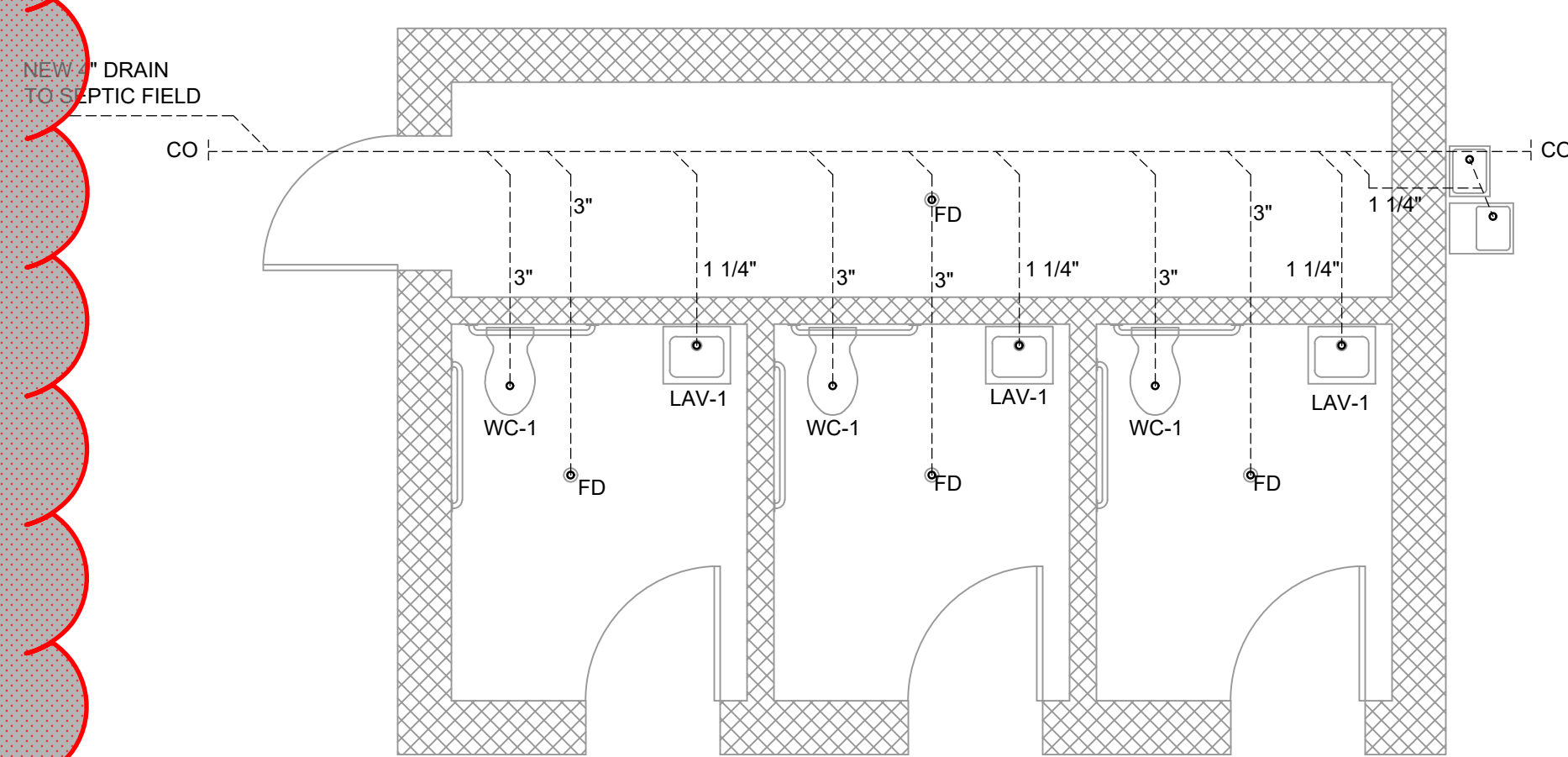
1 Mechanical Plan  
A4.0  
SCALE: 1/4" = 1'-0"



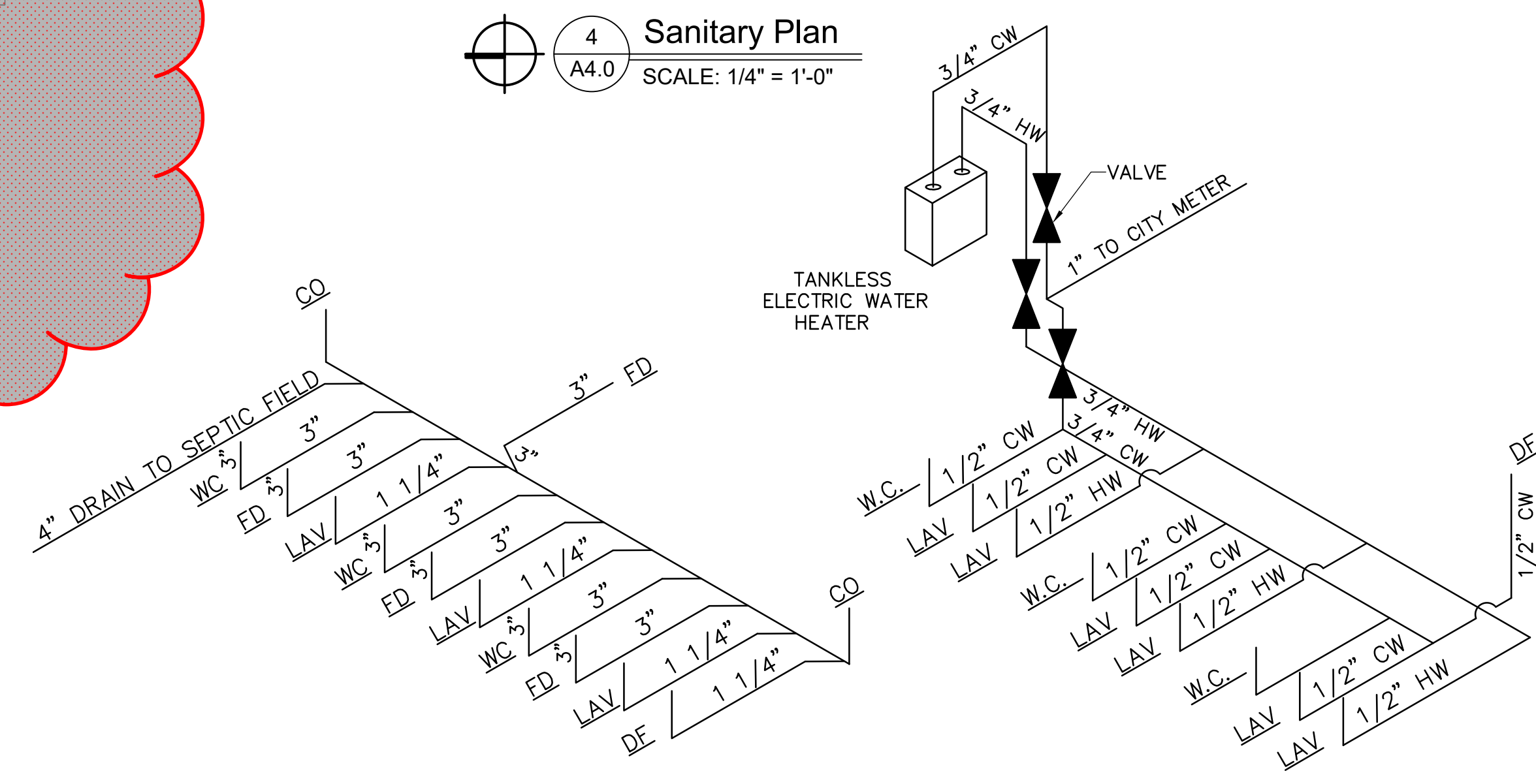
2 Electrical Plan  
A4.0  
SCALE: 1/4" = 1'-0"



3 Water Supply Plan  
A4.0  
SCALE: 1/4" = 1'-0"



4 Sanitary Plan  
A4.0  
SCALE: 1/4" = 1'-0"



4 WASTE WATER RISER DIAGRAM  
A4.0  
SCALE: NTS

5 POTABLE WATER RISER DIAGRAM  
P4.0  
SCALE: NTS

GENERAL NOTES:

1. ALL CONTRACTORS AND SUB-CONTRACTORS SHALL REVIEW ALL DRAWINGS FOR WORK PERFORMED BY THAT CONTRACTOR
2. ALL WALLS INDICATED ON THE ARCHITECTURAL PLANS AS FIRE RATED SHALL BE PROPERLY FIRE CAULKED FOR ALL PENETRATIONS

ELECTRIC UNIT HEATER SCHEDULE							
MARK	MFG.	MODEL	HEATING CAPACITY	AIR	VOLTAGE	MCA	OPTIONS
UH-1	MODINE	HER-30	3 kW	10,200 Btu/h	360 cfm	120V/1 PHASE	2.5 AMPS 1, 2, 3, 4

GAS UNIT HEATER OPTIONS:

1. SUSPENSION FROM ROOF STRUCTURE AS REQUIRED. MINIMUM OF 4 HANGING MOUNTING RODS.
2. MOUNT BOTTOM OF UNIT +7'-0" AFF. VERIFY WITH OWNER.
3. ORDER UNIT WITH HORIZONTAL CONCENTRIC VENT KIT.
4. PROVIDE WITH PROGRAMMABLE T-STAT AT LOCATION SHOWN. CONDUIT AND WIRING BY ELECTRICAL CONTRACTOR. FINAL CONNECTIONS BY MECHANICAL CONTRACTOR.

EXHAUST FAN SCHEDULE							
MARK	MFG.	MODEL	CFM	OUTLET	ELECTRICAL	CONTROL	OPTIONS
EF-1	BROAN	9684	95	4" DIA.	120V/48 WATTS	WALL SWITCH	1, 2

PLUMBING FIXTURE SCHEDULE									
MARK	LOCATION	MODEL	DESCRIPTION	FAUCET/FLUSH VALVE	FIXTURES & TRIM FITTINGS MODEL	DETAILS & DESCRIPTION	PLUMBING FIXTURES PIPES ETC.	REMARKS	
WC-1	RESTROOMS	AMERICAN STANDARD #235AAJB04	WATER CLOSET, CADET PRO RIGHT HEIGHT ELONGATED, 1.6 GPF, WHITE IN COLOR, ADA HANDICAPPED	N/A - TANK TYPE TOILET	AMERICAN STANDARD #8801.110	WHITE HEAVY DUTY ELONGATED SEAT WITH EVERCLEAN SURFACE	3" 2" 1/2" 1/2"	WITH ANGLE STOP WITH SUPPLY LINE WITH FLANGE ON SUPPLY	
LAV-1	RESTROOMS	AMERICAN STANDARD #0355.012	LAVATORY, LUGERNE WHITE WALL-HUNG	AMERICAN STANDARD COLONY PRO #7075.01A CHROME FAUCET METAL LEVER HANDLE, LESS DRAIN, LESS POP-UP HOLE AND ROD	TRUEBRO LAV GUARD2	ADA COMPLIANT UNDER-SINK WATER SUPPLY AND WASTE COVERS	1 1/4" 1 1/2" 1/2"	RIM SET AT HANDICAPPED HEIGHT - I.E. RIM @ +34" AFF WITH ANGLE STOP WITH SUPPLY LINES WITH FLANGE ON SUPPLYS & WASTE WITH 1 1/2" CHROME PLATED R-TRAP WITH GRID DRAIN	
CO	VARIES	PVC	CLEANOUT, SCH 40 PVC				2"	SAME SIZE AS DRAIN LINE	
FD	VARIES	PVC WITH 3" TO 2" PIPE REDUCER TOP	FLOOR DRAIN, SCH 40 PVC						
HB	VARIES	WOODFORD #95	WALL FAUCET, BACKFLOW PROTECTED FREEZELESS WALL HYDRANT				3/4"	WITH INLET AND LENGTH AS REQUIRED FOR WALL THICKNESS WITH TEE KEY EXTERIOR, SELECTED BY OWNER	

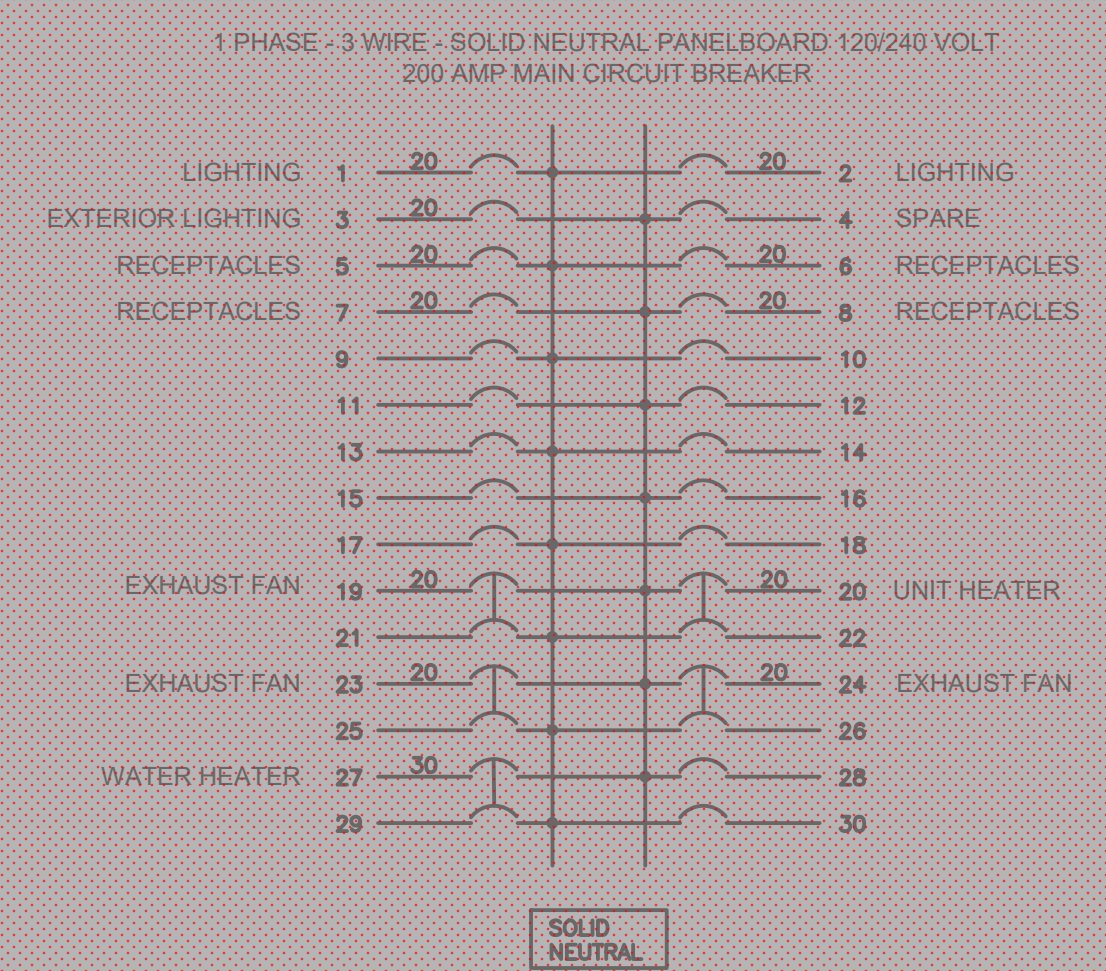
WATER HEATER SCHEDULE									
Mark	MFG	Model	Nominal Capacity	Rated Storage Volume	UEF	Elements Wattage		Recovery @ 90° Rise Gallons Per Hour	Dimensions in Inches
						Standard	Maximum		
EW1	A.O. SMITH	RAIR-220E	TANKLESS	5	95	120V 1650	230V 2200	8	Width: 17" Height: 18" Depth: 6"

WATER HEATER OPTIONS:

1. WALL MOUNTED UNIT
2. PROVIDE DIELECTRIC UNIONS ON HOT AND COLD WATER LINES
3. PROVIDE WITH 10 YEAR TANK AND PARTS WARRANTY

ELECTRICAL DEVICE SCHEDULE									
\$	PASS & SEYMOUR CSB20AC1	—	SINGLE POLE SWITCH						
Ⓢ	PASS & SEYMOUR CR20	RECEPTACLE							
Ⓢ	PASS & SEYMOUR CR20	QUAD							
Ⓢ	PASS & SEYMOUR CR20	RECEPTACLE	—	MOUNT ABOVE BACKSPLASH					
Ⓢ	PASS & SEYMOUR 2094	GFCI RECEPTACLE							
Ⓢ	PASS & SEYMOUR 2094	GFCI RECEPTACLE	—	MOUNT ABOVE BACKSPLASH					
Ⓢ	PASS & SEYMOUR CR20	WITH WEATHERPROOF COVER							
Ⓢ	PASS & SEYMOUR 2094	GFCI RECEPTACLE W/ WEATHERPROOF COVER							
Ⓢ	PASS & SEYMOUR 3654	50 AMP SURFACE MOUNTED RANGE RECEPTACLE							
▼	2 GANG COMBO DATA/VOICE W/ 1" CONDUIT TO ACCESSIBLE CEILING								
▼	SINGLE GANG TELEPHONE BOX W/ 3/4" CONDUIT TO ACCESSIBLE CEILING								
▼	SINGLE GANG TELEPHONE BOX W/ 3/4" CONDUIT TO ACCESSIBLE CEILING MOUNT AT +50" A.F.F.								
■	EXHAUST FAN BY M.C. WIRE TO LIGHTING CIRCUIT BY E.C.								
CS	OCCUPANT SENSOR								

- DEVICE NOTES:
1. COLOR OF DEVICES AS SELECTED BY THE OWNER.
  2. WALL PLATES SHALL BE PASS & SEYMOUR THERMOSET PLASTIC STANDARD SIZE.
  3. FIELD COORDINATE DEVICE LOCATION WITH ARCHITECTURAL CASEWORK DRAWINGS.
  4. DEVICES AS LISTED OR APPROVED EQUALS.



**HOLDERDESIGN, INC.**

24 South 5th Street  
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**SCOPE DOCUMENT**

THE DRAWINGS INDICATE THE GENERAL SCOPE OF THE PROJECT IN TERMS OF ARCHITECTURAL DESIGN CONCEPT, THE DIMENSIONS OF THE BUILDING, THE MAJOR ARCHITECTURAL ELEMENTS AND THE TYPE OF STRUCTURAL, MECHANICAL AND ELECTRICAL SYSTEMS. AS SCOPE DOCUMENTS, THE DRAWINGS DO NOT NECESSARILY INDICATE OR DESCRIBE ALL WORK THAT IS REQUIRED FOR FULL PERFORMANCE AND COMPLETION OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. ON THE BASIS OF THE GENERAL SCOPE INDICATED OR DESCRIBED, THE TRADE CONTRACTORS SHALL FURNISH ALL ITEMS REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.

*Matthew Lynn Holder*  
09/20/22

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DRAWN BY: MLH/AM	CHECKED BY: MLH	PLOT SCALE: AS NOTED	DATE: 05.20.2021
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INSTRUCTIONS FOR:

**GRIFFIN BIKE PARK**

**RESTROOM BUILDING**

TERRE HAUTE, INDIANA

SHEET DESCRIPTION: MECHANICAL, ELECTRICAL, PLUMBING PLANS

REVISIONS

MP	26	September 2022
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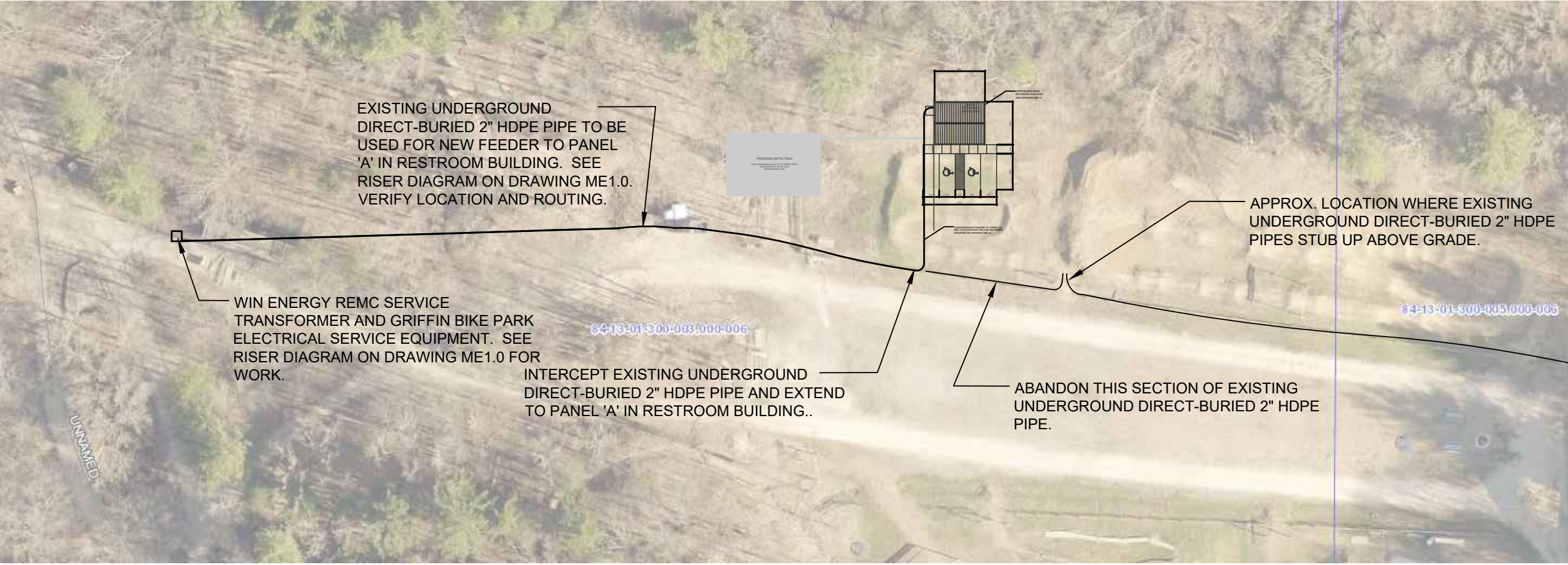
SHEET NO.

**A4.0**

JOB NO.

**A20-033**





2  
A0.1  
LOCATION MAP  
SCALE: 1/64" = 1'-0"

ELECTRICAL SITE PLAN  
SCALE: 1/8" = 1'-0"

D&A #21023

**R.E. Dimond**  
and Associates, Inc.  
Consulting Engineers  
732 North Capitol Avenue  
Indianapolis, IN 46204  
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CERTIFIED BY:

**DANIEL E. DIMOND**  
REGISTERED  
No. PE60910351  
STATE OF INDIANA  
PROFESSIONAL ENGINEER

REVISIONS:		
NO.	DESCRIPTION	DATE:
	MP 26 September	2022

PROJECT DESCRIPTION:

**GRIFFIN BIKE PARK  
RESTROOM  
BUILDING**  
TERRE HAUTE, INDIANA

KEYPLAN:

DRAWN BY:	DESIGNED BY:
DEW	DEW
SCALE:	CHECKED BY:
AS NOTED	TEH
DATE:	JOB NO.:
8/12/2022	D.A. #21023

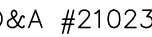
SHEET DESCRIPTION:

**SITE LOCATION MAP  
AND  
ELECTRICAL  
SITE PLAN**

SHEET NUMBER:

**E0.1**





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CERTIFIED BY:



### PROJECT DESCRIPTION:

## KEYPLAN

SHEET DESCRIPTION

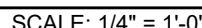
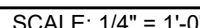
SHEET NUMBER

# ME1.0

1. 'F1' LIGHTS TO BE SURFACE MOUNTED. 'F2' LIGHTS TO BE WALL MOUNTED, APPROX. 8'-0" AFF. COORDINATE IN FIELD.

- 1 PROVIDE OCCUPANCY SENSOR & POWER PACK TO CONTROL LIGHT. PROVIDE AUXILIARY CONTACT TO CONTROL EXHAUST FAN.
- 2 PROVIDE "OVERRIDE TO ON" 3-POLE, SINGLE THROW (3PST) SWITCH AND WIRE TO CONTROL EXHAUST FANS. TO BE USED FOR SUMMER VENTILATION. (WIRE SWITCH POLE IN PARALLEL WITH OCC SENSOR AUX CONTACT). PROVIDE LABEL.
- 3 PROVIDE PHOTOCELL TO CONTROL EXTERIOR LIGHTS.
- 4 PROVIDE 120V POWER FOR ELECTRIC WATER COOLER. VERIFY REQUIREMENTS.  
(BASED UPON ELKAY EH240)
- 5 PROVIDE 120V POWER FOR ELECTRIC HAND DRYER. VERIFY REQUIREMENTS.  
(BASED UPON BOBICK 8-7188)
- 6 PROVIDE POWER FOR ELECTRIC WATER HEATER. 3.0 KW - 240V-1Ø.  
VERIFY REQUIREMENTS.  
(BASED UPON AO SMITH EJC-6)
- 7 PROVIDE POWER FOR ELECTRIC UNIT HEATER. 3.3 KW - 240V-1Ø.  
VERIFY REQUIREMENTS. PROVIDE A 20 AMP CIRCUIT.  
(SEE EQUIPMENT SCHEDULE ON THIS DRAWING)
- 8 PROVIDE A 30A-120/240V-1Ø NEMA 14-3R RECEPTACLE WITH WEATHERPROOF COVER. PROVIDE A 30 AMP CIRCUIT.
- 9 PROVIDE A 50A-120/240V-1Ø NEMA 14-5R RECEPTACLE WITH WEATHERPROOF COVER. PROVIDE A 50 AMP CIRCUIT.
- 10 PROVIDE (2) 1" PVC CONDUITS UNDERGROUND FROM PANEL 'A' TO BUYD ALL PAVEMENT FOR FUTURE USE.

- 1 EXISTING UNDERGROUND 7200V PRIMARY UTILITY SERVICE TO REMAIN.
- 2 EXISTING WIN ENERGY REMC 25 KVA UTILITY PAD-MOUNT TRANSFORMER ON EXISTING VAULT TO REMAIN. WIRE TO PROVIDE A 320 AMP SECONDARY SERVICE AT 120/240V-1Ø.
- 3 EXISTING WIN ENERGY REMC SECONDARY CONDUCTORS FROM TRANSFORMER TO METER BASE. (2 SETS OF 3#4/0 IN 3" C)
- 4 EXISTING 320 AMP METER BASE AND WIN ENERGY REMC METER.
- 5 EXISTING SECONDARY CONDUCTORS FROM EXISTING METER BASE TO EXISTING SERVICE EQUIPMENT TO REMAIN.
- 6 EXISTING SERVICE EQUIPMENT TO REMAIN. CONSISTS OF (2) 200 AMP 2-POLE CIRCUIT BREAKERS. ONE SERVES EXISTING OFFICE TRAILER. THE OTHER SHALL BE USED TO SERVE NEW PANEL 'A'.
- 7 EXISTING FEEDER TO EXISTING OFFICE TRAILER TO REMAIN.
- 8 PROVIDE 3#4/0 (CU), 1#4 (CU) GRD. FEEDER THRU EXISTING UNDERGROUND DIRECT-BURIED 2" HDPE PIPE TO PANEL 'A'. CONNECT PIPE TO EXISTING SERVICE EQUIPMENT. SEE DWG. E0.1 FOR ADDITIONAL WORK.
- 9 NEW PANEL 'A'. PROVIDE GROUND ROD, BUT DO NOT BOND N & G. VERIFY WITH EXISTING CONDITIONS.
- 10 FUTURE UNDERGROUND PRIMARY BY WIN ENERGY REMC TO A FUTURE SERVICE POINT IN THE PARK.



'F1' = HUBBELL COLUMBIA #LXEM4-35LW-RFA-EU, OR EQUAL

'E2' = H1JBFEI | #1 NC-9L-U-4K-4-(COLOR)-93039574. OR EQUA

'E2' = H1JBFEI | #1 NC-9L-U-4K-4-(COLOR)-93039574. OR EQUA


FAN SCHEDULE							
MARK NO.	DRAWING NAME &/ OR PURPOSE	MANUFACTURER & MODEL	CFM	MOTOR DATA			REMARKS
				AMPS	VOLT	PH.	
EF-A	TOILET EXHAUST	BROAN L200	180	1.8 A	120	1	INTERLOCK WITH OCCUPANCY SENSOR. METAL GRILLE KIT, WALL DISCHARGE TERMINATION.

ELECTRIC UNIT HEATER SCHEDULE							
MARK NO.	SPECIFICATION NAME	MANUFACTURER & MODEL	ELECTRIC DATA			TOTAL HEAT BTUH	REMARKS
			KW	VOLTS	PHASE		
ECH-A	ELECTRIC HEATER	TPI 3000 SERIES	1.0	120	1	3,413	INTEGRAL THERMOSTAT CEILING MOUNTED
EPUH-A	ELECTRIC HEATER	TPI 5100 SERIES	3.3	240	1	11,200	LINE VOLTAGE WALL THERMOSTAT MOUNTING HARDWARE.

PANEL SCHEDULE																
PANEL#	'A'	TYPE	LTG. & APPLIANCE		SERVICE	120/240V-1Ø-3W		AMP	200	MAIN	M.C.B.	MOUNTING SURFACE				
BRANCH CIRCUIT					BREAKER	LOAD	Ø LOAD (VA)		LOAD	BREAKER	BRANCH CIRCUIT					
CKT	DESCRIPTION					AMP	POLE	VA	ØA	ØB	VA	AMP	POLE	DESCRIPTION	CKT	
1	INTERIOR LIGHTS					20	1	167	767		600	20	1	RECEPTACLES - RESTROOMS	2	
3	EXTERIOR LIGHTS					20	1	132		332	200	20	1	RECEPTACLES - MECHANICAL	4	
5	SPARE					20	1	-	200		200	20	1	RECEPTACLES - MECHANICAL	6	
7	SPARE					20	1	-		200	200	20	1	RECEPTACLES - EXTERIOR (NORTH)	8	
9	SPARE					20	1	-	200		200	20	1	RECEPTACLES - EXTERIOR (WEST)	10	
11	SPARE					20	1	-		0	-	20	1	SPARE	12	
13	SPARE					20	1	-	200		200	20	1	RECEPTACLES - EXTERIOR (WEST-VEND)	14	
15	SPARE					20	1	-		200	200	20	1	RECEPTACLES - EXTERIOR (WEST-VEND)	16	
17	SPARE					20	1	-	200		200	20	1	RECEPTACLES - EXTERIOR (EAST-FOOD)	18	
19	ELECTRIC UNIT HEATER ECH-A1					20	1	1000		1200	200	20	1	RECEPTACLES - EXTERIOR (EAST-FOOD)	20	
21	ELECTRIC UNIT HEATER ECH-A2					20	1	1000	1200		200	20	1	RECEPTACLES - EXTERIOR (EAST-FOOD)	22	
23	ELECTRIC UNIT HEATER ECH-A3					20	1	1000		1200	200	20	1	RECEPTACLES - EXTERIOR (EAST-FOOD)	24	
25	EXHAUST FANS EF-A1, A2, A3					20	1	540	540		-	20	1	SPARE	26	
27	ELECTRIC WATER COOLER					20	1	700		700	-	20	1	SPARE	28	
29	HAND DRYER					20	1	1000	1000		-	20	1	SPARE	30	
31	HAND DRYER					20	1	1000		1000	-	20	1	SPARE	32	
33	HAND DRYER					20	1	1000	1000		-	20	1	SPARE	34	
35	ELECTRIC WATER HEATER EWH					20	1	1500		4000	2500	30	1	30A RECEPTACLE-EXTERIOR (EAST-FOOD)	36	
37						2	2	1500	4000		2500	2	2		38	
39	ELECTRIC UNIT HEATER EPUH-A1					20	1	1650		6150	4500	50	1	50A RECEPTACLE-EXTERIOR (EAST-FOOD)	40	
41						2	2	1650	6150		4500	2	2		42	
TOTALS								15475	15182							
TOTAL CONNECTED LOAD (VA) =					30657	TOTAL CONNECTED LOAD (AMPS) =					128					
REMARKS: -																



PROJECT MATERIALS LIST							
Item No.	Description	Model No.	Color	Size	Electrical Reqs	Plumbing Reqs	Remarks
WH1	Water Heater AO Smith Promax EJC-6	EJC-6		6 gallon	240V - confirm		
SK1	Kohler Kingston Wall-mount Bathroom sink.	K-2005	0-White				
	Zurn concealed arm system for wall lavatories - Sink Carrier	Z1231					
	Faucet- Chicago Faucet - Metering Faucet	802-V665ABCP					
UR1	Urinal - Kohler Bardon	K-4991-ET	0-White				
	Flush Valve Sloan G2 Sensor Flushometer	G2 8186-1.0					
WC1	Water Closet Kohler Kingston Ultra Top Spud Flushometer Bowl - Wall hung	K-84325					
	Zurn in wall horizontal water closet carrier	Z1201-N_4					Confirm carrier configuration
	Flush Valve: Sloan G2 Sensor Flushometer	G2 8111-1.6					
HB1	Interior Hose Bibb - Woodford Chrome non-freeze area	24P1/2					
HB2	Exterior Hose Bibb : Woodford	67C12					
FD1	Floor Drain - Sioux Chief Finishline 2" PVC no hub, 6 1/2" round nickel ring	832-2PNR					
BFP1	Backflow Preventer?						
DF1	Drinking Fountain: Elkay Vandal Resistant Bottle Filling Station and Single Cooler. Non-Filtered and Non-Refrigerated	EZH20 - Confirm	Stainless		115 V		Install for ADA Requirements
CH1	Clothes Hook - Bobrick 3 hook hanger	B-232x24	Stainless	24"			
CH2	Clothes Hook - Bobrick Heavy Duty Clothes Hook	B-2116					Locate in Toilet Compartments
SH1	Shelf - Bobrick 24" shelf	B-295	Stainless	24"			
MR1	Mirror: Bobrick Mirror with Stainless Steel Channel Frame	B-165	Stainless	18x36			
HD1	Hand Dryer: Bobrick QuietDry TerraDry Surface-Mount	B-7188 - Confirm	Chrome		115 V - Confirm		
BCS1	Baby Changing Station: Koala Kare Oval Wall Mounted Baby Changing Sta	KB208-01	Grey				
GB1	Grab Bar: 1 1/4" Stainless Steel Grab Bar with Snap Flange	B5806		36"/18"			
LF1	Exterior Flood Light						
LF2	Exterior Light at Doors						
LF3	Interior Light						
	Light Switch						
	Outlets						
	Electrical Panel						
	Exterior outlets						
HDWR	Door Lockset: Trilogy DL2800 with Transfer Module and Software Kit						Located at all exterior doors
	All doors to have closers, weather seals, ADA thresholds						
	Soap Dispenser - By Vigo County						
	Paint Colors	Epoxy	TBD				
	Toilet Partitions	Laminate	TBD				
	Metal Roofing, Soffit & Gutter		TBD				



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MLH/AM

CHECKED BY:  
MLH

PLOT SCALE:  
AS NOTED

DATE:  
06.14.2021

INSTRUCTIONS FOR:  
GRIFFIN BIKE PARK  
RESTROOM BUILDING  
TERRE HAUTE, INDIANA

SHEET DESCRIPTION: ARCHITECTURAL SITE PLAN

REVISIONS

MP 26 September 2022

SHEET NO.

A.02

JOB NO.

A20-033