

NORTHSIDE RESTROOM BUILDING

FACTORY SHOALS PARK
450 NEWTON FACTORY BRIDGE ROAD
COVINGTON, GEORGIA 30014
NEWTON COUNTY

SHEET NUMBERING SYSTEM

DENOTES DISCIPLINE:

A	ARCHITECTURE	S	STRUCTURE
I	INTERIOR DESIGN	M	MECHANICAL
F	FURNITURE	P	PLUMBING
G	GRAPHICS & SIGNAGE	FP	FIRE PROTECTION
C	CIVIL	E	ELECTRICAL
L	LANDSCAPE		

DENOTES SHEET NUMBER

A1.01

DENOTES DRAWING TYPE (REFER TO EACH BUILDING FOR NUMBER):

- 0 SERIES = GENERAL INFORMATION
- 1 SERIES = DEMOLITION
- 2 SERIES = PLANS
- 3 SERIES = EXTERIOR ELEVATIONS & BUILDING SECTIONS
- 4 SERIES = ENLARGED PLANS & DETAILS
- 5 SERIES = VERTICAL CIRCULATION
- 6 SERIES = REFLECTED CEILING PLANS
- 7 SERIES = ROOF PLANS AND ROOF DETAILS
- 8 SERIES = DOOR AND WINDOW SCHEDULES & DETAILS
- 9 SERIES = FINISHES

DRAWING INDEX

GENERAL

A0.00	COVER
A0.01	GENERAL NOTES & ABBREVIATIONS
A0.02	GENERAL NOTES & LEGENDS
A0.05	ADA STANDARDS
A0.06	ADA STANDARDS
A0.07	ADA STANDARDS
A0.10	CODE REVIEW & COMCHECK
A0.11	LIFE SAFETY PLAN
A0.50	PERSPECTIVES
A2.00	NORTHERN RESTROOM FLOOR PLAN

ARCHITECTURAL

A3.00	RESTROOM ELEVATIONS
A3.10	BUILDING SECTIONS
A3.20	WALL SECTIONS
A3.40	WALL DETAILS
A6.00	REFLECTED CEILING PLAN
A7.00	ROOF PLAN
A7.10	ROOF DETAILS - STANDING SEAM
A7.14	DETAILS - ROOF PENETRATIONS
A8.00	DOOR SCHEDULE & DETAILS
S0.01	GENERAL NOTES

STRUCTURAL

S0.02	GENERAL NOTES
S0.03	GENERAL NOTES
S1.00	AXONOMETRIC VIEW
S1.01	FOUNDATION & ROOM FRAMING PLANS
S3.01	SECTIONS & DETAILS
S4.01	TYPICAL SECTIONS & DETAILS
S4.02	TYPICAL SECTIONS & DETAILS

MECHANICAL & PLUMBING

M1.01	HVAC FLOOR PLAN, SECTION 3D PLAN, & SCHEDULES
P1.01	PLUMBING FLOOR PLANS, SECTIONS, 3D, & SCHEDULES
PM.20	HVAC & PLUMBING DETAILS

ELECTRICAL

E2.01	ELECTRICAL PLAN
E3.01N	ELECTRICAL LEGEND, NOTES, RISER & SCHEDULES
E3.02N	LIGHTING COMCHECK REPORTS



VICINITY MAP

APPROVED
By *David Thomas* DATE: 1/15/26

APPROVED
By David Thomas at 9:04 am, Jan 13, 2026

SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

OWNER

NEWTON COUNTY

11495 COVINGTON HWY
COVINGTON, GA 30014
PHONE: XXX-XXX-XXXX
CONTACT: MARCELLO BANES

PLANS PREPARED BY

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sguth@lose.design

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SHEET TITLE

COVER

PROJECT NO: 23042-1
DATE: 10/20/2025
DRAWN BY: STAFF
CHECKED BY: SG
SCALE:
SHEET NO.

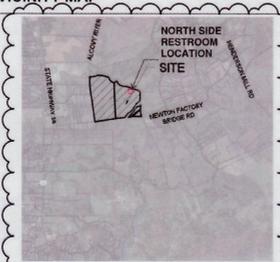
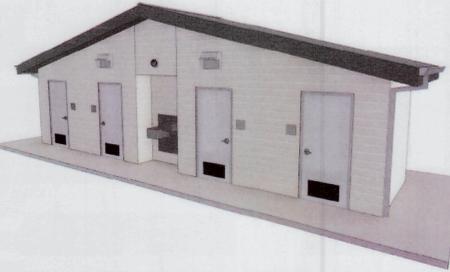
A0.00

PERMIT SET

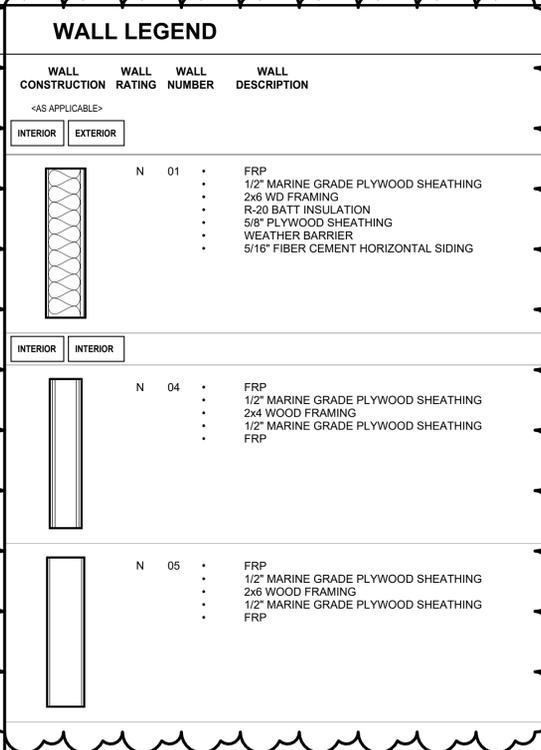
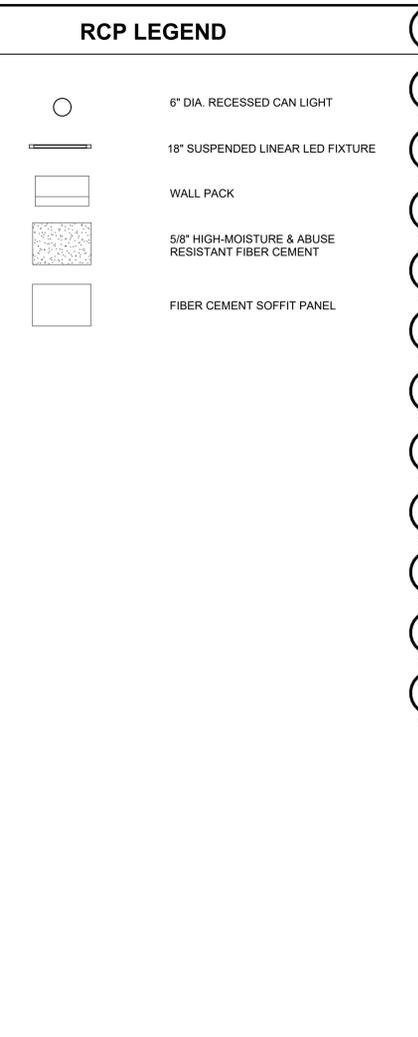
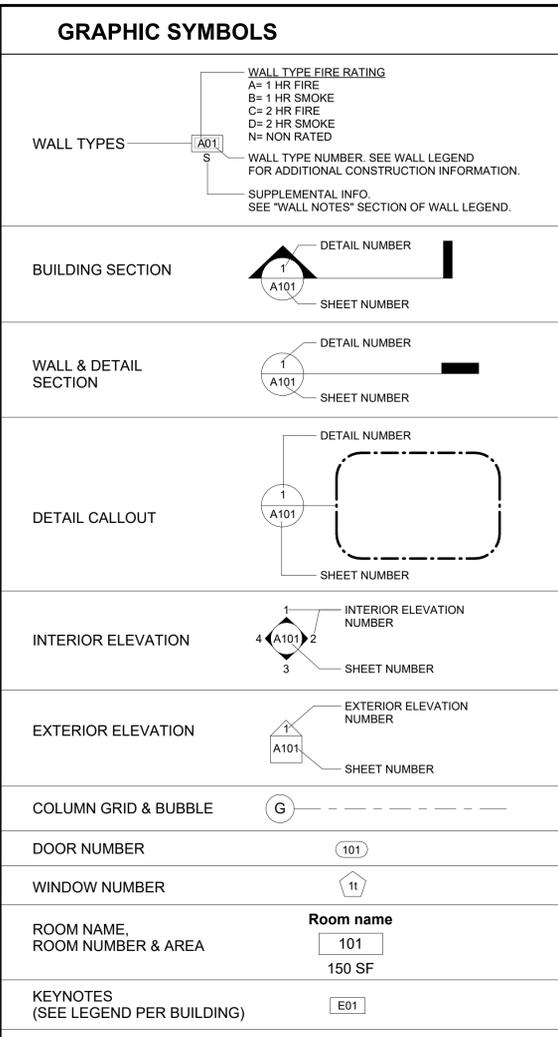
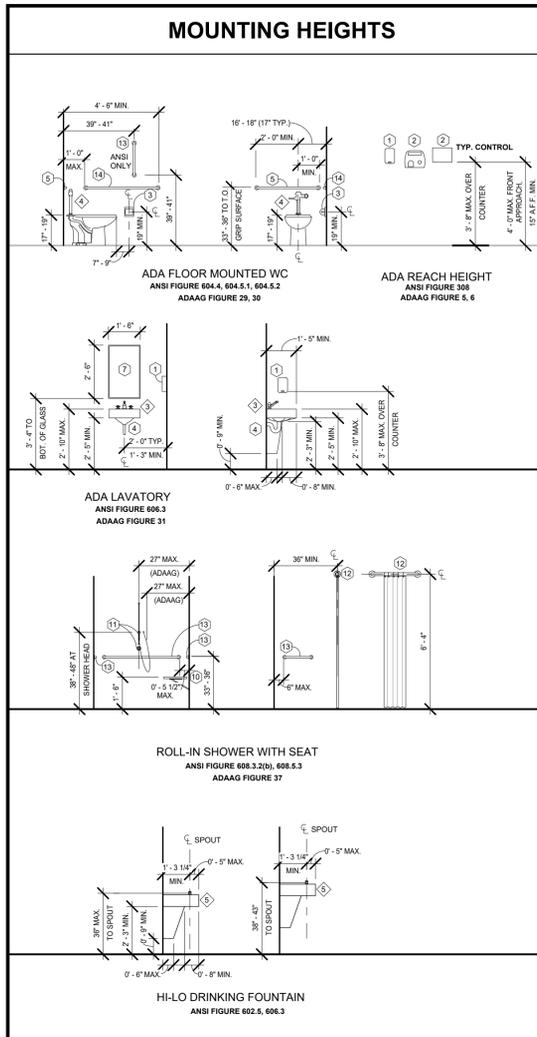
NORTH SIDE RESTROOM BUILDING

FACTORY SHOALS PARK
450 NEWTON FACTORY BRIDGE ROAD
COVINGTON, GEORGIA 30014
NEWTON COUNTY



SHEET NUMBERING SYSTEM	DRAWING INDEX	
<p> DENOTES DISCIPLINE: A ARCHITECTURE S STRUCTURE I INTERIOR DESIGN M MECHANICAL F FURNITURE P PLUMBING G GRAPHICS & SIGNAGE FP FIRE PROTECTION C CIVIL E ELECTRICAL L LANDSCAPE </p> <p> DENOTES SHEET NUMBER: A1.01 </p> <p> DENOTES DRAWING TYPE (REFER TO EACH BUILDING FOR NUMBER): 0 SERIES = GENERAL INFORMATION 1 SERIES = DEMOLITION 2 SERIES = PLANS 3 SERIES = EXTERIOR ELEVATIONS & BUILDING SECTIONS 4 SERIES = ENLARGED PLANS & DETAILS 5 SERIES = VERTICAL CIRCULATION 6 SERIES = REFLECTED CEILING PLANS 7 SERIES = ROOF PLANS AND ROOF DETAILS 8 SERIES = DOOR AND WINDOW SCHEDULES & DETAILS 9 SERIES = FINISHES </p>	<p>GENERAL</p> <ul style="list-style-type: none"> A0.00 COVER A0.01 GENERAL NOTES & ABBREVIATIONS A0.02 GENERAL NOTES & LEGENDS A0.03 ADA STANDARDS A0.04 ADA STANDARDS A0.05 ADA STANDARDS A0.06 ADA STANDARDS A0.07 ADA STANDARDS A0.10 CODE REVIEW & COMCHECK A0.11 LIFE SAFETY PLAN A0.50 PERSPECTIVES <p>CIVIL & SITE</p> <ul style="list-style-type: none"> C0.00 COVER C0.01 GENERAL NOTES 1 SURVEY 2 SURVEY 3 SURVEY 4 SURVEY 5 SURVEY 6 SURVEY C0.20 OVERALL DEMOLITION PLAN C0.21 DEMOLITION PLAN C1.00 OVERALL SITE SERIES C1.01 SITE SERIES C1.01A SITE SERIES ENLARGEMENT C1.01B SITE SERIES ENLARGEMENT C1.80 DETAIL SERIES C1.81 DETAIL SERIES C1.82 DETAIL SERIES C2.00 OVERALL GRADING SERIES C2.01 GRADING SERIES C2.01A GRADING SERIES ENLARGEMENT C2.01B GRADING SERIES ENLARGEMENT SEPTIC <p>ARCHITECTURAL</p> <ul style="list-style-type: none"> A2.00 RESTROOM FLOOR PLANS A3.00 RESTROOM ELEVATIONS A3.10 BUILDING SECTIONS A3.20 WALL SECTIONS A6.00 REFLECTED CEILING PLAN A7.00 ROOF PLAN A7.10 ROOF DETAILS - STANDING SEAM A8.00 DOOR & WINDOW SCHEDULE & DETAILS 	<p>STRUCTURAL</p> <ul style="list-style-type: none"> S0.01 GENERAL NOTES S0.02 GENERAL NOTES S0.03 GENERAL NOTES S1.00 ANCHORAGE VIEW S1.01 FOUNDATION & ROOM FRAMING PLANS S3.01 SECTIONS & DETAILS S4.01 TYPICAL SECTIONS & DETAILS S4.02 TYPICAL SECTIONS & DETAILS <p>MECHANICAL & PLUMBING</p> <ul style="list-style-type: none"> M1.01 HVAC FLOOR PLAN, SECTION 3D PLAN, & SCHEDULES P1.01 PLUMBING FLOOR PLANS, SECTIONS, 3D, & SCHEDULES PM.20 HVAC & PLUMBING DETAILS <p>ELECTRICAL</p> <ul style="list-style-type: none"> E1.00 OVERALL ELECTRICAL SITE PLAN E1.01 ELECTRICAL SITE PLAN E1.02 ELECTRICAL SITE PLAN, GATE AND SIGNAGE E1.03 ELECTRICAL SITE LEGEND, NOTES, RISER & SCHEDULES E2.01 ELECTRICAL PLAN E3.01 ELECTRICAL LEGEND, NOTES, RISER & SCHEDULES E3.02 LIGHTING COMCHECK REPORTS
<p>VICINITY MAP</p> 		
<p>OWNER</p> <p>NEWTON COUNTY 1113 USHER STREET COVINGTON, GA 30014 PHONE: 770 784-2088</p>	<p>PLANS PREPARED BY</p> <p>LOSE DESIGN</p> <p>ARCHITECT 3801 PULASKI AVENUE NASHVILLE, TENNESSEE 37219 PHONE: 615 259-0000 CONTACT: DEAN BETHUNE/ARCHITECT</p> <p>LANDSCAPE ARCHITECT 3871 BATAVIA BLVD, SUITE 400 NASHVILLE, TENNESSEE 37219 PHONE: 615 259-0000 CONTACT: JASON ST. PIERRE/LSA, AIA, LEED certified@lose.com</p>	<p>CONSULTANTS</p> <p>STRUCTURAL ENGINEER WILLIAM J. PELTIER & ASSOCIATES, INC. 300 LAUREL BY THE LAWRENCEVILLE, GEORGIA 30046 PHONE: 770 962-1000 CONTACT: BILL PELTIER</p> <p>MECHANICAL ENGINEER HARMS ENGINEERING, INC. 800 NEWTON DRIVE NASHVILLE, TN 37203 PHONE: 615 259-0000 CONTACT: TIM HARMS</p> <p>ELECTRICAL ENGINEER PARSONS ENGINEERING, INC. 4715 INDUSTRIAL DRIVE, SUITE 200 NASHVILLE, TN 37228 PHONE: 770 385-0000 CONTACT: ANTHONY PEZZO</p>
		<p>COVER</p> <p>PROJECT NO: 22042-1 DATE: 12/18/2025 DESIGNER: STAFF CHECKED BY: SG DATE: 1/15/26 SHEET NO: A0.00</p>

APPROVED
BY: *[Signature]* DATE: 1/15/26



WALL TAGS:

WALL TYPE FIRE RATING
A= 1 HR FIRE
B= 1 HR SMOKE
C= 2 HR FIRE
D= 2 HR SMOKE
N= NON RATED

WALL TYPES A 01
1, 2
WALL TYPE NUMBER
SUPPLEMENTAL WALL NOTES. SEE BELOW.

SUPPLEMENTAL WALL NOTES:

1	WALL HEIGHT: FROM GROUND UP TO CEILING
2	WALL HEIGHT: FROM GROUND UP TO ROOF
3	WALL HEIGHT: FROM 8" - 0" A.F.F. TO ROOF

GENERAL WALL NOTES:

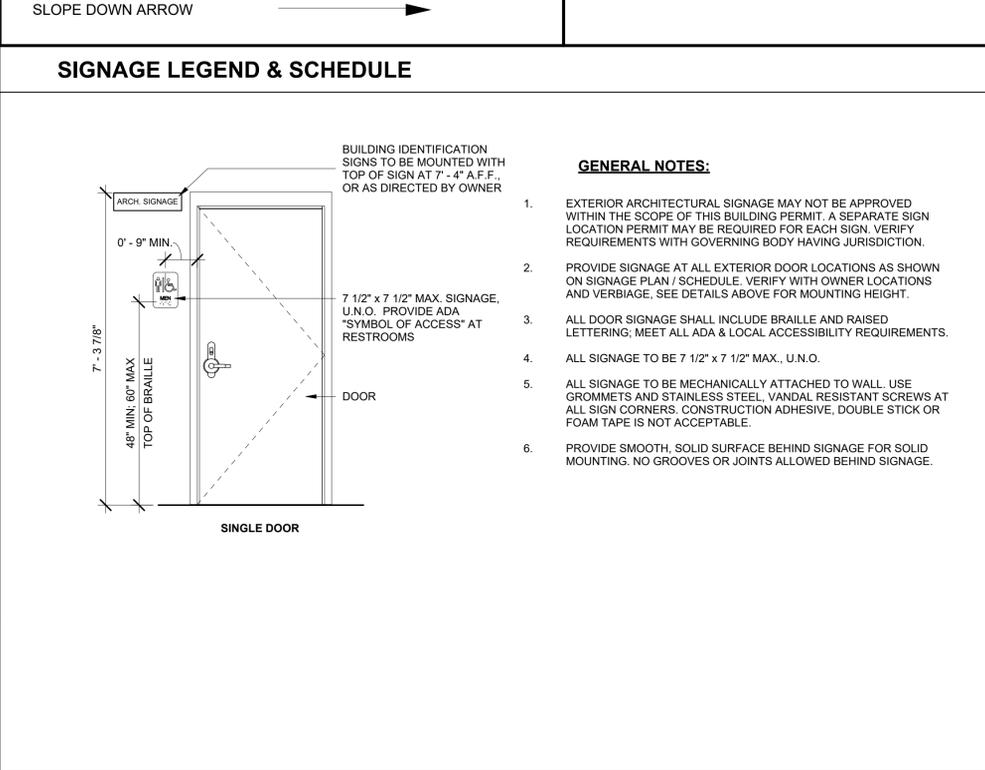
- REFER TO INDIVIDUAL BUILDING PLANS AND SECTIONS FOR INSULATION LOCATIONS AND ADDITIONAL INFORMATION.
- INTERIOR EXPOSED SURFACE OF CMU TO BE PAINTED AS SCHEDULED. REFER TO INDIVIDUAL BUILDING FINISH PLANS & SCHEDULES FOR ADDITIONAL INFORMATION.
- REFER TO UL LISTINGS FOR FIRE RATED INFORMATION.

TOILET ACCESSORIES

1	LIQUID SOAP DISPENSER, WALL MOUNTED, OWNER TO PROVIDE & INSTALL
2	SURFACE MOUNTED, WASTE BIN & HAND DRYER
3	TOILET PAPER DISPENSER
4	18" VERT. GRAB BAR, ANSI REQ'D ONLY
5	42" HORIZONTAL GRAB BAR
6	36" HORIZONTAL GRAB BAR
7	18" W X 36" H MIRROR
8	SANITARY NAPKIN RECEPTACLE
9	24" HORIZONTAL GRAB BAR

*** ADA TOILET GRAB BARS TO BE 36" BEHIND WC, 42" AT SIDES, TYP. SEE SPEC. FOR TYPE.

- DIMENSIONS SHOWN ARE TO BE USED AS STANDARD GUIDELINES, U.N.O.
- PROVIDE BLOCKING IN STUD WALLS AT ALL MOUNTING LOCATIONS, TYP.
- REFER TO SPECS. FOR FINISHES & ADDITIONAL INFORMATION.



FIXTURES AND EQUIPMENT

1	WATER HEATER
2	WALL MOUNTED SINK (W/ STAINLESS STEEL ENCLOSURE W/ ACCESS PANEL) - ADA HEIGHT
3	FLOOR MOUNTED TOILET - ADA COMPLIANT
4	MOP SINK
5	HI/LOW ADA DRINKING FOUNTAIN WITH BOTTLE FILLER
6	ROOM SIGNAGE
7	ELECTRICAL POWER PANEL

SIGNAGE SCHEDULE

ROOM NUMBER	ROOM NAME	TYPE MARK	QUANTITY	DIMENSIONS	COMMENTS
101	FAMILY RESTROOM A	6	1	8" x 8"	
102	FAMILY RESTROOM B	6	1	8" x 8"	ADA
103	FAMILY RESTROOM C	6	1	8" x 8"	
104	FAMILY RESTROOM D	6	1	8" x 8"	ADA
105	UTILITY	6	1	8" x 8"	

ALPHA BLDG SET 01-15-2026

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA

COVINGTON

NORTH SIDE RESTROOM BUILDING

PREPARED FOR:
NEWTON COUNTY

SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION
R1	12/18/25	Permit Comments

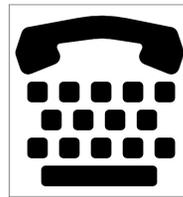
SHEET TITLE
GENERAL NOTES & LEGENDS

PROJECT NO. 23042-1 DATE 12/18/2025
DRAWN BY STAFF SCALE
CHECKED BY Checker As indicated
SHEET NO. A0.02

CHAPTER 7 CONT. 2010 COMMUNICATION ELEMENTS AND FEATURES



1 INTERNATIONAL SYMBOL OF ACCESSIBILITY
A0.07 12" = 1'-0" FIGURE 703.7.2.1



2 INTERNATIONAL TTY SYMBOL
A0.07 12" = 1'-0" FIGURE 703.7.2.2



3 VOLUME-CONTROLLED TELEPHONE
A0.07 12" = 1'-0" FIGURE 703.7.2.3



4 INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS
A0.07 12" = 1'-0" FIGURE 703.7.2.4

NOTES:

- ADA STANDARDS ARE PROVIDED AS REFERENCE ONLY.
- ALL BUILDING COMPONENTS MUST COMPLY WITH ALL ADA GUIDELINES.
- REFER TO 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN PUBLICATION FOR ADDITIONAL INFORMATION.
- PROVIDE BLOCKING AT ALL STUD WALLS FOR ALL HANDRAILS, TYP.
- PROVIDE BLOCKING AT ALL STUD WALLS FOR OTHER WALL MOUNTED ITEMS AS NEEDED, TYP.

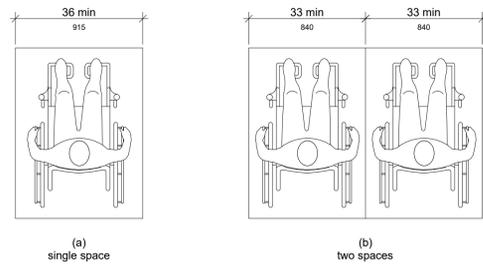
ALPHA BLDG SET 01-15-2026

LOSE DESIGN
SPACES FOR LIFE.

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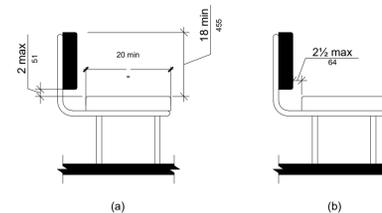


CHAPTER 8 2010 SPECIAL ROOMS, SPACES, AND ELEMENTS

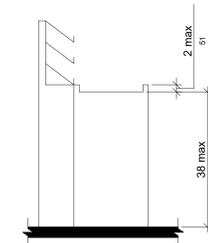


5 WIDTH OF WHEELCHAIR SPACES IN ASSEMBLY AREAS
A0.07 1/2" = 1'-0" FIGURE 802.1.2

CHAPTER 9 2010 BUILT-IN ELEMENTS

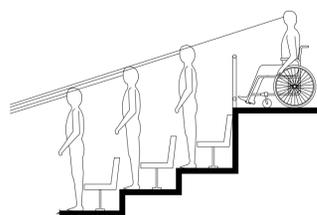


6 BENCH BACK SUPPORT
A0.07 1/2" = 1'-0" FIGURE 903.4

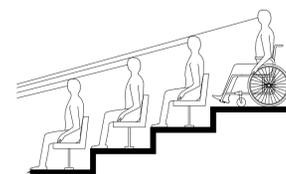


7 CHECK-OUT AISLE COUNTERS
A0.07 1/2" = 1'-0" FIGURE 904.3.2

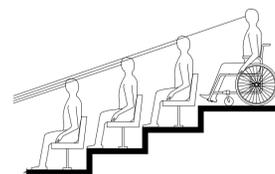
MISCELLANEOUS 2010 ADA



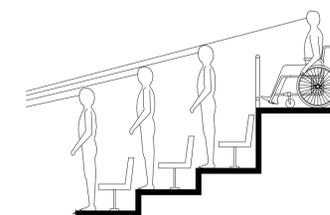
8 LINES OF SIGHT BETWEEN THE HEADS OF STANDING SPECTATORS
A0.07 1/4" = 1'-0" FIGURE 802.2.2.2 CH.8



9 LINES OF SIGHT OVER THE HEADS OF SEATED SPECTATORS
A0.07 1/4" = 1'-0" FIGURE 802.2.2.1 CH.8



10 LINES OF SIGHT BETWEEN THE HEADS OF SEATED SPECTATORS
A0.07 1/4" = 1'-0" FIGURE 802.2.1.2 CH.8



11 LINES OF SIGHT OVER THE HEADS OF STANDING SPECTATORS
A0.07 1/4" = 1'-0" FIGURE 802.2.1.1 CH.8

GEORGIA

NORTH SIDE RESTROOM BUILDING

PREPARED FOR:
NEWTON COUNTY

COVINGTON

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

SHEET TITLE

ADA STANDARDS

PROJECT NO. 23042-1	DATE 12/18/2025
DRAWN BY STAFF	SCALE As indicated
CHECKED BY SG	
SHEET NO. A0.07	

CODE REVIEW

COMCHECK

I. APPLICABLE CODES

- 2018 INTERNATIONAL BUILDING CODE W/ 2020, 2022, 2024 AND 2025 GEORGIA AMENDMENTS
2015 INTERNATIONAL ENERGY CONSERVATION CODE W/ 2020, 2022 AND 2023 GEORGIA STATE SUPPLEMENTS AND AMENDMENTS
ICC / ANSI A117.1 2009 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
GEORGIA ACCESSIBILITY CODE CHAPTER 120-3-20 (.01-.08) W/ 2022 GEORGIA STATE FIRE COMMISSIONER AMENDMENTS 120-3-3-.08 THROUGH .11 - 2010 ADA STANDARD FOR ACCESSIBLE DESIGN
2018 INTERNATIONAL PLUMBING CODE W/ 2020, 2022, 2023 AND 2024 GEORGIA AMENDMENTS
2018 INTERNATIONAL MECHANICAL CODE W/ 2020 AND 2024 GEORGIA AMENDMENTS
2018 INTERNATIONAL FUEL GAS CODE W/ 2020 AND 2022 GEORGIA AMENDMENTS
2023 NFPA 70 NATIONAL ELECTRICAL CODE
2018 INTERNATIONAL FIRE CODE W/ 2022 GEORGIA STATE FIRE COMMISSIONER AMENDMENTS 120-3-3-.04
2018 NFPA 101 LIFE SAFETY CODE W/ 2022 GEORGIA STATE FIRE COMMISSIONER AMENDMENTS 120-3-3-.04
2019 NFPA 13 FIRE SPRINKLER SYSTEMS W/ 2022 GEORGIA STATE FIRE COMMISSIONER AMENDMENTS

II. OCCUPANCY TYPES

1. NORTHERN RESTROOM BUILDING: UTILITY/MISCELLANEOUS GROUP (IBC 312)

III. CONSTRUCTION TYPE (IBC TABLE 601):

1. NORTHERN RESTROOM BUILDING: TYPE V-B (UN-PROTECTED,SPRINKLED), IBC 602.5

IV. BUILDING HEIGHT AND AREAS (IBC TABLE 503 AND 506)

A. BUILDING HEIGHT: MAXIMUM ALLOWED / ACTUAL PROVIDED: MAXIMUM ALLOWED / ACTUAL PROVIDED:

1. ACTUAL: NORTHERN RESTROOM BUILDING: 40' - 0" / 13' - 7" 1 STORY / 1 STORY

B. BUILDING AREAS (B - BUSINESS GROUP):

ACTUAL CONSTRUCTED AREA CALCULATIONS: QUANTITY MAXIMUM AREA ALLOWED / ACTUAL PROVIDED AREA: (PER BUILDING - GROSS SF) 5,500 SF / 225 SF

VI. CONSTRUCTION REQUIREMENTS (LSC TABLE A.8.2.1.2, IBC TABLE 601 & 602, IBC 705)

- 1. FIRE RESISTANCE FOR PRIMARY STRUCTURAL FRAME (IBC TABLE 601): 0 HR.
2. FIRE RESISTANCE FOR EXTERIOR AND INTERIOR BEARING WALLS (IBC TABLE 601): 0 HR.
3. FIRE RESISTANCE FOR EXTERIOR NON-BEARING WALLS AND PARTITIONS: 1 HR FOR FIRE SEPARATION DISTANCE OF LESS THAN 5 FT. (IBC TABLE 602), 1 HR FOR FIRE SEPARATION DISTANCE OF GREATER THAN 5 FT TO LESS THAN 10 FT. (IBC TABLE 602), 0 HR FOR FIRE SEPARATION DISTANCE OF GREATER THAN 10 FT TO LESS THAN 30 FT. (IBC TABLE 602), 0 HR FOR FIRE SEPARATION DISTANCE OF GREATER THAN 30 FT. (IBC TABLE 602).
4. FIRE RESISTANCE FOR INTERIOR NON-BEARING WALLS AND PARTITIONS: 0 HR (IBC TABLE 601).
5. FIRE RESISTANCE FOR FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS (FLOOR/CEILING CONSTRUCTION INCLUDING SUPPORTING BEAMS & JOIST): 0 HR.
6. FIRE RESISTANCE FOR ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS (IBC TABLE 601): 0 HR.
PER IBC TABLE 601 AND 602:
a. ROOF SUPPORTS: FIRE-RESISTANCE RATINGS OF PRIMARY STRUCTURAL FRAME AND BEARING WALLS ARE PERMITTED TO BE REDUCE BY 1 HOUR WHERE SUPPORTING A ROOF ONLY.
b. EXCEPT IN GROUP F-1, H, M, AND S-1 OCCUPANCIES, FIRE PROTECTION OF STRUCTURAL MEMBERS SHALL NOT BE REQUIRED, INCLUDING PROTECTION OF ROOF FRAMING AND DECKING WHERE EVERY PART OF THE ROOF CONSTRUCTION IS 20 FT OR MORE ABOVE ANY FLOOR IMMEDIATELY BELOW.
c. IN ALL OCCUPANCIES, HEAVY TIMBER SHALL BE ALLOWED WHERE A 1-HOUR OR LESS FIRE-RESISTANCE RATING IS REQUIRED.
d. AN APPROVED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 SHALL BE ALLOWED TO BE SUBSTITUTED FOR 1-HOUR FIRE RESISTANCE CONSTRUCTION, PROVIDED SUCH SYSTEM IS NOT OTHERWISE REQUIRED BY OTHER PROVISIONS OF THE CODE OR USED FOR AN ALLOWABLE AREA INCREASE IN ACCORDANCE WITH SECTION 506.3 OR AN ALLOWABLE HEIGHT INCREASE IN ACCORDANCE WITH SECTION 504.2.
e. NOT LESS THAN THE FIRE-RESISTANCE RATING REQUIRED BY OTHER SECTIONS OF THIS CODE.
f. NOT LESS THAN THE FIRE-RESISTANCE RATING BASED ON FIRE SEPARATION DISTANCE (PER IBC TABLE 602).
g. NOT LESS THAN THE FIRE-RESISTANCE RATING AS REFERENCED IN SECTION 704.10.
A. LOAD-BEARING EXTERIOR WALLS SHALL ALSO COMPLY WITH THE FIRE-RESISTANCE RATING REQUIREMENTS OF IBC TABLE 601.
B. FOR SPECIAL REQUIREMENTS FOR GROUP U OCCUPANCIES, SEE SECTION 406.3.
C. SEE SECTION 706.1.1 FOR PARTY WALLS.
D. OPEN PARKING GARAGES COMPLYING WITH SECTION 406 SHALL NOT BE REQUIRED TO HAVE A FIRE-RESISTANCE RATING.
E. THE FIRE-RESISTANCE RATING OF AN EXTERIOR WALL IS DETERMINED BASED UPON THE FIRE SEPARATION DISTANCE OF THE EXTERIOR WALL AND THE STORY IN WHICH THE WALL IS LOCATED.
F. FOR SPECIAL REQUIREMENTS FOR GROUP H OCCUPANCIES, SEE SECTION 415.5.
G. FOR SPECIAL REQUIREMENTS FOR GROUP S AIRCRAFT HANGARS, SEE SECTION 412.4.1.
H. WHERE TABLE 705.6 PERMITS NONBEARING EXTERIOR WALLS WITH UNLIMITED AREA OF UNPROTECTED OPENINGS, THE REQUIRED FIRE-RESISTANCE RATING FOR THE EXTERIOR WALLS IS 0 HOURS.

VII. LIFE SAFETY CONSIDERATIONS (SEE LIFE SAFETY PLANS)

Table with columns: BUILDING, OCCUPANCY (PER STRUCTURE), QUANTITY, TOTAL OCCUPANCY (PER BUILDING TYPE). Row 1: NORTHERN RESTROOM BUILDING, 5, 1, 5. TOTAL BUILDING OCCUPANCY = 5 OCCUPANTS.

- B. EXIT DOOR CLEAR OPENING WIDTHS (LSC 7.2.1.2.3, IBC TABLE 1005.1): SERVING < 213 OCC. = 32 INCHES MIN. CLEAR. MIN. 36 INCHES PROVIDED AT EACH DOOR, TYP. - OCCUPANCY VARIES BETWEEN BUILDINGS. TABULAR OCCUPANCY CLEARANCES ARE APPROPRIATE FOR EACH STRUCTURE.
C. DEAD END LIMITS = 20 FT (LSC TABLE A.7.6). NONE PROVIDED.
D. TRAVEL DISTANCE LIMITS: (IBC TABLE 1016.2) OCCUPANCY TYPE U UN-SPRINKLED: 300 FT. MAX DISTANCE 10' - 0" MAX PROVIDED AT NORTHERN RESTROOM BUILDING
E. CORRIDORS: (IBC TABLE 1018.2) WIDTH MINIMUM - 44" NONE PROVIDED
G. NEW FIRE HYDRANTS TO BE PROVIDED WITHIN 200 FT. HOSE-LAY OF ALL BUILDINGS. REFER TO CIVIL DRAWINGS.

VIII. INTERIOR FINISH (IBC TABLE 803.13)

IBC TABLE 803.13 REQUIRED NO REQUIREMENT IN SPACES ACTUAL

IX. ROOF COVERINGS (IBC TABLE 1505.1)

A. CLASS C MIN. FOR CONSTRUCTION TYPE V-B (IBC TABLE 1505.1); ACTUAL = STANDING SEAM METAL PANEL SYSTEM TO COMPLY WITH 1505.4

NOTE: ALL INFORMATION PROVIDED THIS PAGE APPLIES ONLY TO THE ARCHITECTURAL PROJECT SCOPE, I.E. AREAS LOCATED WITHIN THE BUILT STRUCTURES INDICATED IN THE VOLUME III DRAWINGS. THESE TOTALS DO NOT INCLUDE SPORTS FIELDS AND OTHER OUTDOOR ENVIRONMENTS / ACTIVITIES WITHIN THE OVERALL PARK. FOR ADDITIONAL INFORMATION, SEE CIVIL.

COMcheck Software Version COMcheckWeb Envelope Compliance Certificate

Project Information: Energy Code: 2015 IECC, Project Title: 23042-1 Restroom Building, Location: Covington, Georgia, Climate Zone: 3a, Project Type: New Construction, Vertical Glazing / Wall Area: 1%

Additional Efficiency Package(s): Credits: 1.0 Required, 1.0 Proposed, High Performance SWtL, 1.0 credit

Table with columns: Building Area, Floor Area. Row 1: 1-Restroom Facility (Office) - Nonresidential, 225

Envelope Assemblies

Table with columns: Assembly, Gross Area or Perimeter, Cavity R-Value, Cont. R-Value, Proposed U-Factor, Budget U-Factor. Rows include: Floor: Unheated Slab-On-Grade, Horizontal with vertical 1 ft., Roof: Attic Roof, Wood Joists, NORTH, SOUTH, WEST.

Project Title: 23042-1 Restroom Building, Report date: 11/19/25, Data filename: Page 1 of 8

Envelope PASSES: Design 2% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2015 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Signature: [Handwritten Signature], Date: 11/19/2025

Project Title: 23042-1 Restroom Building, Report date: 11/19/25, Data filename: Page 2 of 8

LOSE DESIGN SPACES FOR LIFE.

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PLACE STAMP HERE

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NORTH SIDE RESTROOM BUILDING, PREPARED FOR: NEWTON COUNTY, GEORGIA, COVINGTON

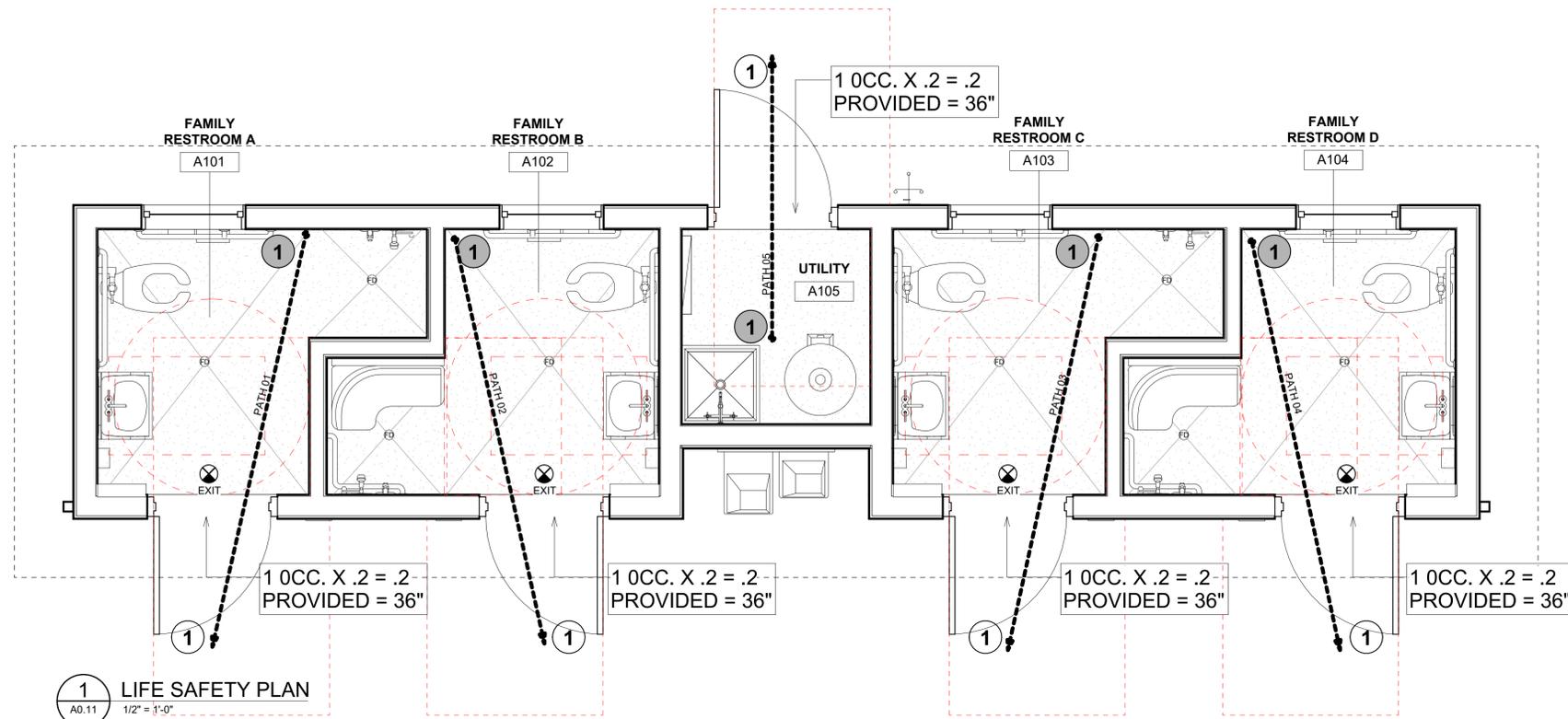
Table with columns: NO, DATE, DESCRIPTION. Row 1: R1, 12/18/25, Permit Comments

SHEET TITLE: CODE REVIEW & COMCHECK

PROJECT NO. 23042-1, DATE 12/18/2025, DRAWN BY STAFF, SCALE 1/4" = 1'-0", CHECKED BY SG, SHEET NO.

A0.10

ALPHA BLDG SET 01-15-2026



1 LIFE SAFETY PLAN
A0.11 1/2" = 1'-0"

Path of Travel Schedule	
Mark	Length
PATH 01	10' - 9 1/4"
PATH 02	10' - 6 1/2"
PATH 03	10' - 9 1/4"
PATH 04	10' - 7 3/4"
PATH 05	7' - 2 1/4"

ROOM OCCUPANCY LOAD					
ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY TYPE	S.F. PER OCCUPANT	OCCUPANCY LOAD
LOCKER ROOMS					
A101	FAMILY RESTROOM A	37 SF	LOCKER ROOMS	50	1
A102	FAMILY RESTROOM B	37 SF	LOCKER ROOMS	50	1
A105	UTILITY	24 SF	LOCKER ROOMS	50	1
A103	FAMILY RESTROOM C	37 SF	LOCKER ROOMS	50	1
A104	FAMILY RESTROOM D	37 SF	LOCKER ROOMS	50	1
Grand total:	5	171 SF			5

LIFE SAFETY LEGEND

- FIRE EXTINGUISHERS WITH 75' - 0" TRAVEL RADIUS (INDICATED BY DASHED CIRCLE)
- DENOTES PORTABLE FIRE EXTINGUISHER LOCATION - ONE PROVIDED ALL ACCESS POINTS ARE WITHIN 75 FT OF TRAVEL DISTANCE
- MAXIMUM OCCUPANCY PER ROOM TABULATION
- AT GRADE EGRESS DISCHARGE TABULATION
- MAXIMUM TRAVEL DIST.
- MINIMUM ADA CLEARANCES AT DOOR PER ADAAG
- MINIMUM ADA CLEARANCES AT FIXTURES PER ADAAG

NORTH SIDE RESTROOM BUILDING

PREPARED FOR:
NEWTON COUNTY

COVINGTON

GEORGIA

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

SHEET TITLE
LIFE SAFETY PLAN

PROJECT NO. 23042-1	DATE 12/18/2025
DRAWN BY STAFF	SCALE As indicated
CHECKED BY SG	
SHEET NO.	

A0.11

NOTE: PERSPECTIVES ARE FOR REFERENCE ONLY

ALPHA BLDG SET 01-15-2026

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NORTH SIDE RESTROOM BUILDING

GEORGIA

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NEWTON COUNTY

COVINGTON

SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

SHEET TITLE

PERSPECTIVES

PROJECT NO. 23042-1
DRAWN BY STAFF
CHECKED BY SG
SHEET NO.

DATE 12/18/2025
SCALE

A0.50

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR	WALLS				BASE	CEILING	NOTES
			NORTH	EAST	SOUTH	WEST			
Not Placed									
FLOOR PLAN									
A101	FAMILY RESTROOM A	RF	FRP	FRP	FRP	FRP	COVE BASE	FC	
A102	FAMILY RESTROOM B	RF	FRP	FRP	FRP	FRP	COVE BASE	FC	
A103	FAMILY RESTROOM C	RF	FRP	FRP	FRP	FRP	COVE BASE	FC	
A104	FAMILY RESTROOM D	RF	FRP	FRP	FRP	FRP	COVE BASE	FC	
A105	UTILITY	RF	FRP	FRP	FRP	FRP	COVE BASE	FC	

TOILET ACCESSORIES

1	LIQUID SOAP DISPENSER, WALL MOUNTED, OWNER TO PROVIDE & INSTALL	11	SHOWER HEAD & CONTROL
2	SURFACE MOUNTED, WASTE BIN & HAND DRYER		
3	TOILET PAPER DISPENSER		
4	18" VERT. GRAB BAR, ANSI REQ'D ONLY		
5	42" HORIZONTAL GRAB BAR		
6	36" HORIZONTAL GRAB BAR		
7	18" W X 36" H MIRROR		
8	SANITARY NAPKIN RECEPTACLE		
9	24" HORIZONTAL GRAB BAR		
10	FOLDING ADA SHOWER SEAT		

*** ADA TOILET GRAB BARS TO BE 36" BEHIND WC, 42" AT SIDES, TYP. SEE SPEC. FOR TYPE.

- DIMENSIONS SHOWN ARE TO BE USED AS STANDARD GUIDELINES, U.N.O.
- PROVIDE BLOCKING IN STUD WALLS AT ALL MOUNTING LOCATIONS, TYP.
- REFER TO SPECS. FOR FINISHES & ADDITIONAL INFORMATION.

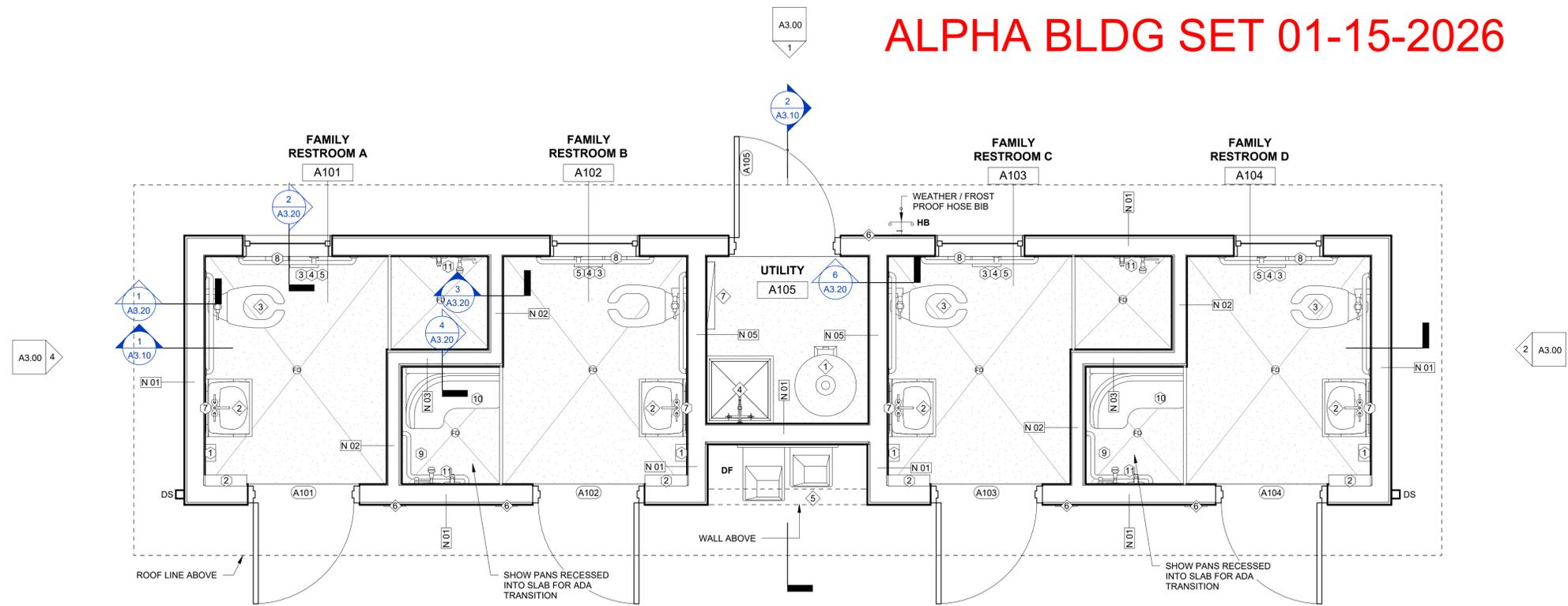
FIXTURES AND EQUIPMENT

1	WATER HEATER
2	WALL MOUNTED SINK (W/ STAINLESS STEEL ENCLOSURE W/ ACCESS PANEL) - ADA HEIGHT
3	FLOOR MOUNTED TOILET - ADA COMPLIANT
4	MOP SINK
5	H/LOW ADA DRINKING FOUNTAIN WITH BOTTLE FILLER
6	ROOM SIGNAGE
7	ELECTRICAL POWER PANEL

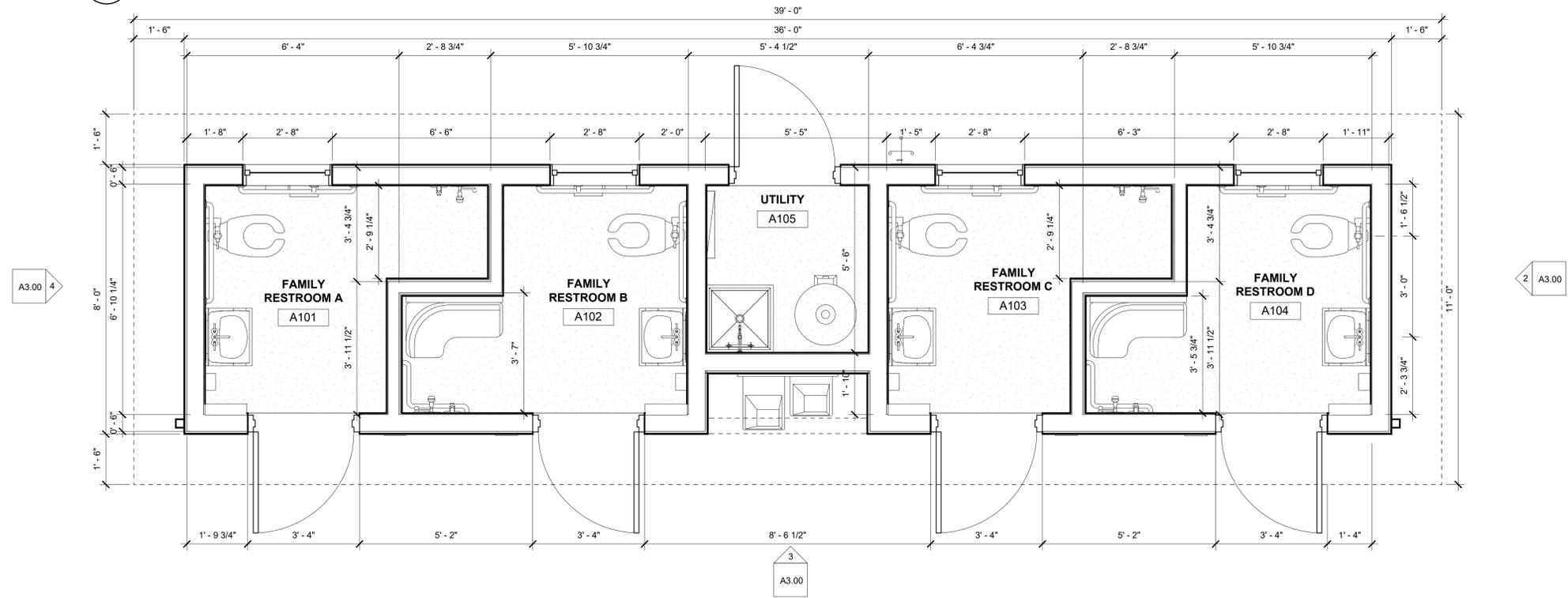
FINISH LEGEND

F.C.B	FIBER CEMENT BOARD - HORIZONTAL FIBER CEMENT EXTERIOR SIDING
FRP	FIBER REINFORCED PLASTIC
GYP	GYPSUM BOARD
RF	RESINOUS FLOORING - RESINOUS FLOORING WITH INTEGRAL BASE SYSTEM MVT SLURRY: POLYCRETE SL WITH BROADCAST AGGREGATE COVE BASE: RAPID CURE EPOXY WITH TROWEL AGGREGATE GROUT COAT: HIGH PERFORMANCE EPOXY SEALER: HTS 100 URETHANE

ALPHA BLDG SET 01-15-2026



1 NORTHERN RESTROOM PLAN NOTED
A2.00 1/2" = 1'-0"



2 NORTHERN RESTROOM PLAN DIMENSIONED
A2.00 1/2" = 1'-0"

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NORTH SIDE RESTROOM BUILDING

GEORGIA

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NO	DATE	DESCRIPTION

SHEET TITLE

NORTHERN RESTROOM FLOOR PLAN

PROJECT NO. 23042-1	DATE 12/18/2025
DRAWN BY STAFF	SCALE As indicated
CHECKED BY SG	
SHEET NO.	

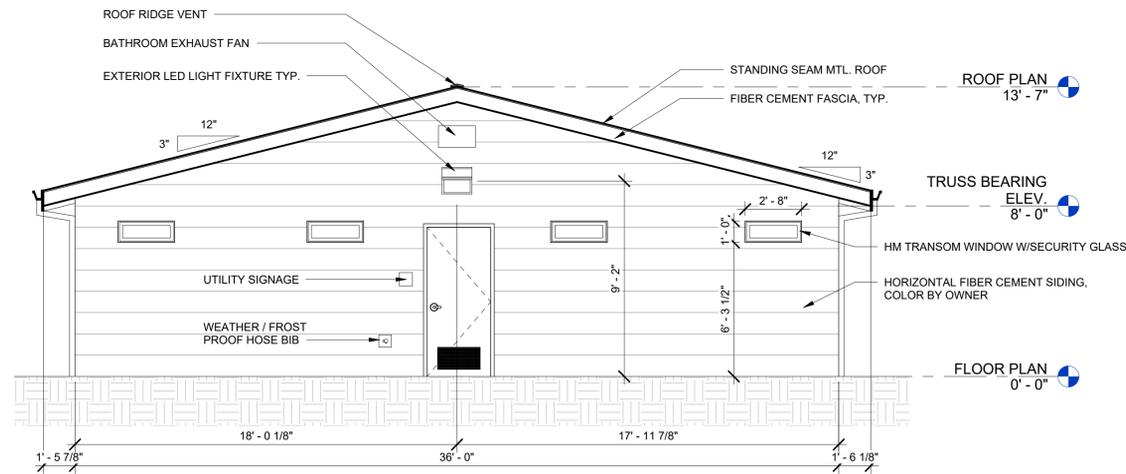
A2.00

ALPHA BLDG SET 01-15-2026

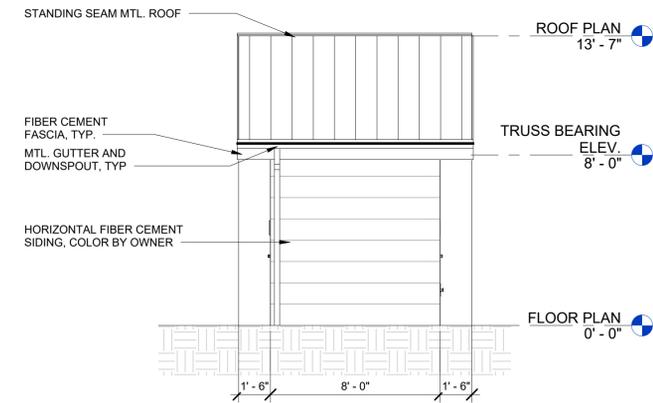
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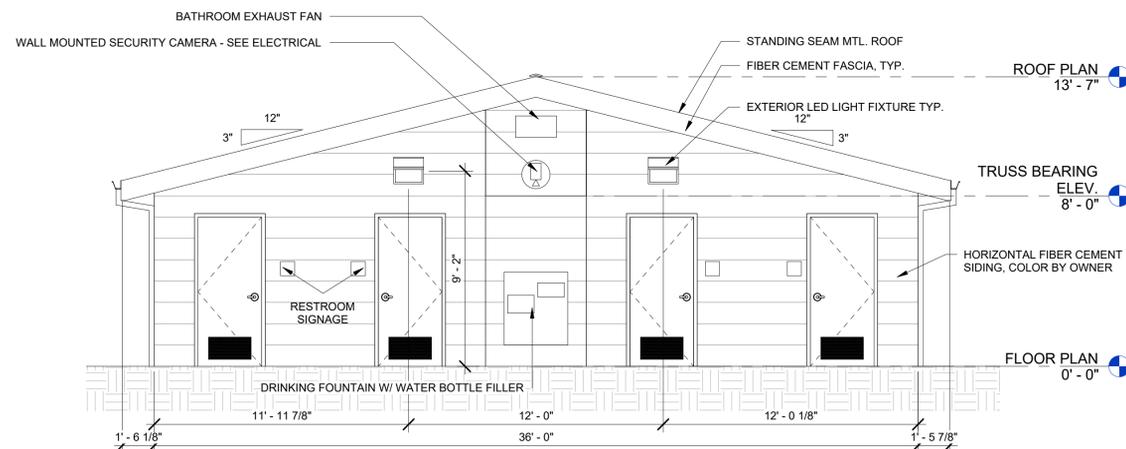
PLACE
STAMP
HERE



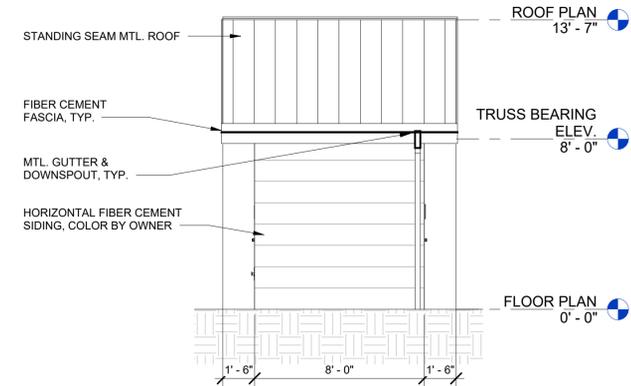
1 NORTH ELEVATION
A3.00 1/4" = 1'-0"



2 EAST ELEVATION
A3.00 1/4" = 1'-0"



3 SOUTH ELEVATION
A3.00 1/4" = 1'-0"



4 WEST ELEVATION
A3.00 1/4" = 1'-0"

NORTH SIDE RESTROOM BUILDING

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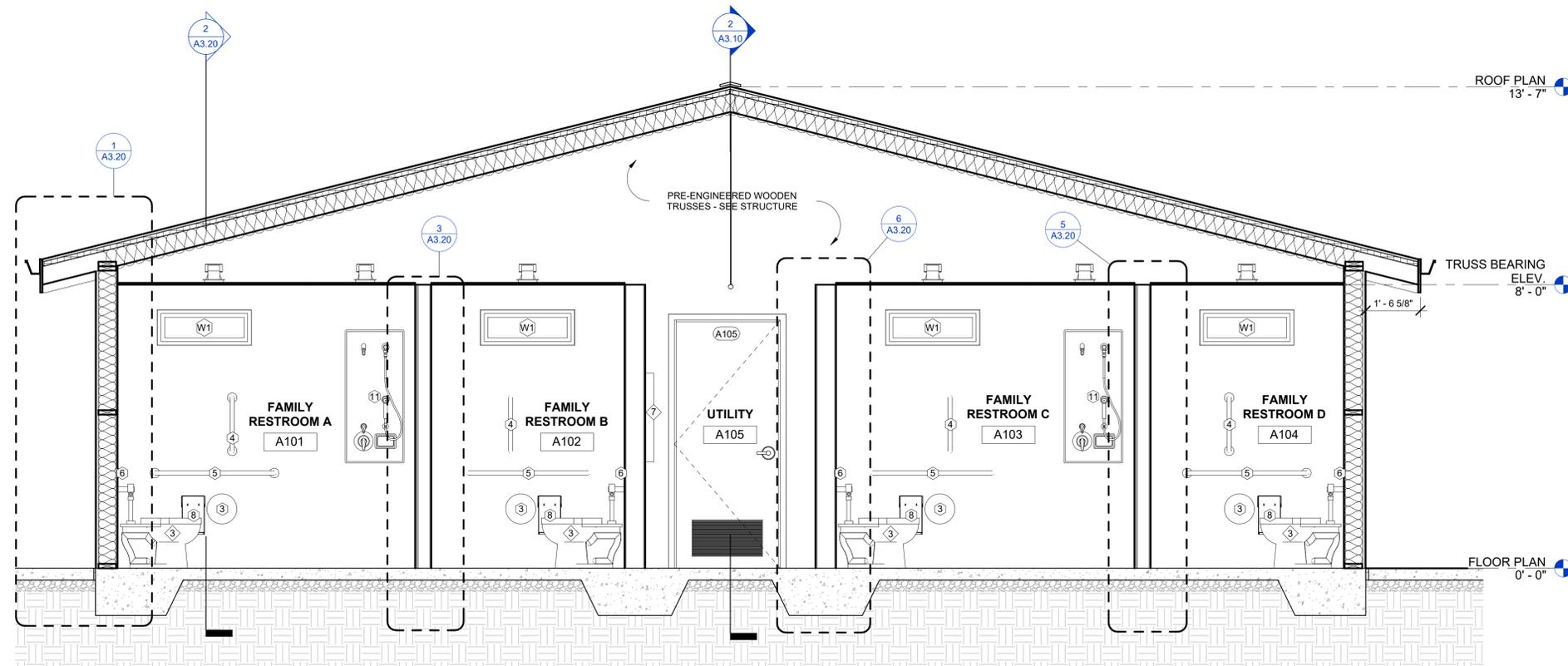
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SHEET TITLE

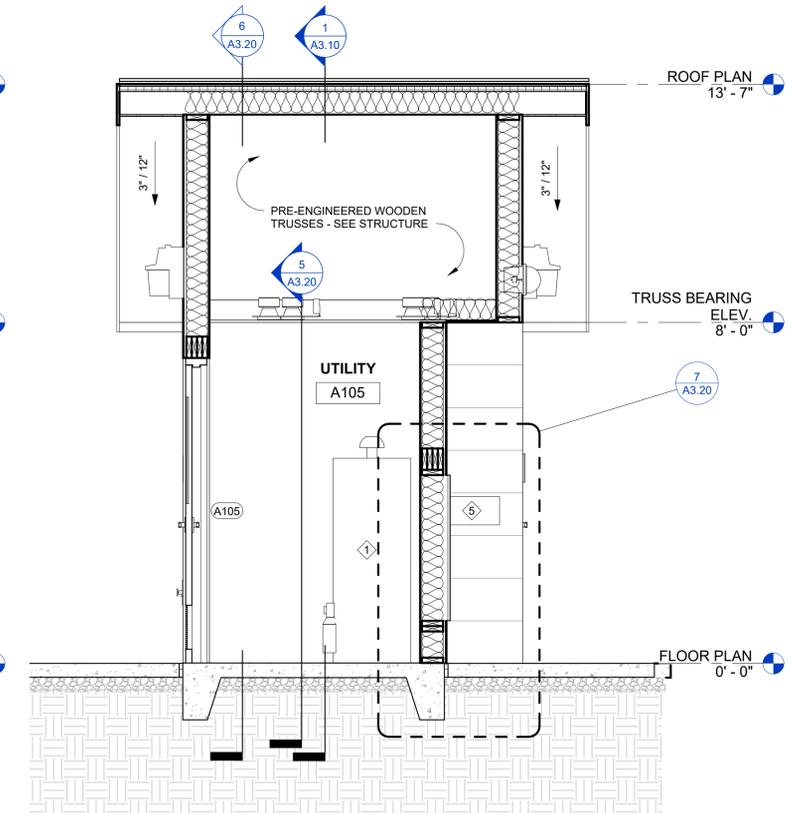
RESTROOM ELEVATIONS

PROJECT NO. 23042-1	DATE 12/18/2025
DRAWN BY STAFF	SCALE 1/4" = 1'-0"
CHECKED BY BC	
SHEET NO.	

A3.00



1 BUILDING SECTION 01
A3.10 1/2" = 1'-0"



2 BUILDING SECTION 02
A3.10 1/2" = 1'-0"

NORTH SIDE RESTROOM BUILDING
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NO.	DESCRIPTION

SHEET TITLE	
BUILDING SECTIONS	
PROJECT NO. 23042-1	DATE 12/18/2025
DRAWN BY STAFF	SCALE 1/2" = 1'-0"
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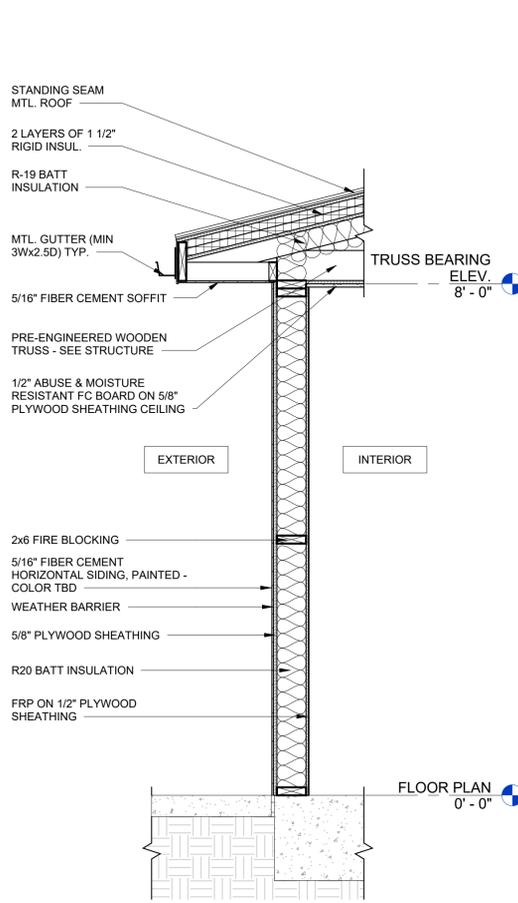
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SHEET TITLE

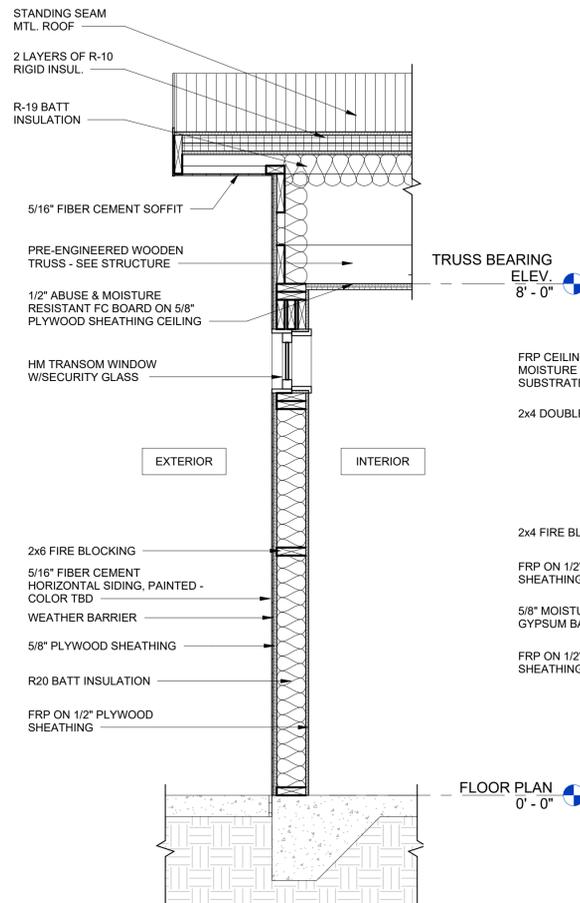
WALL SECTIONS

PROJECT NO. **23042-1** DATE **12/18/2025**
 DRAWN BY **STAFF** SCALE **3/4" = 1'-0"**
 CHECKED BY **SG**
 SHEET NO.

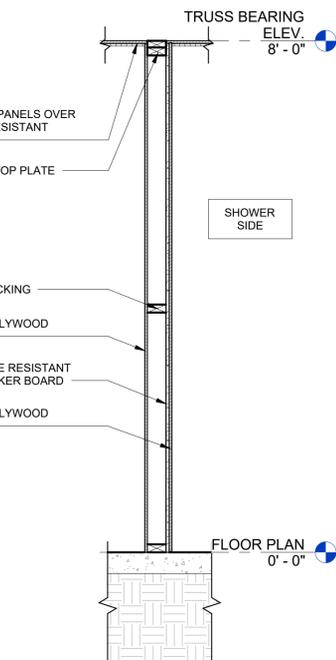
A3.20



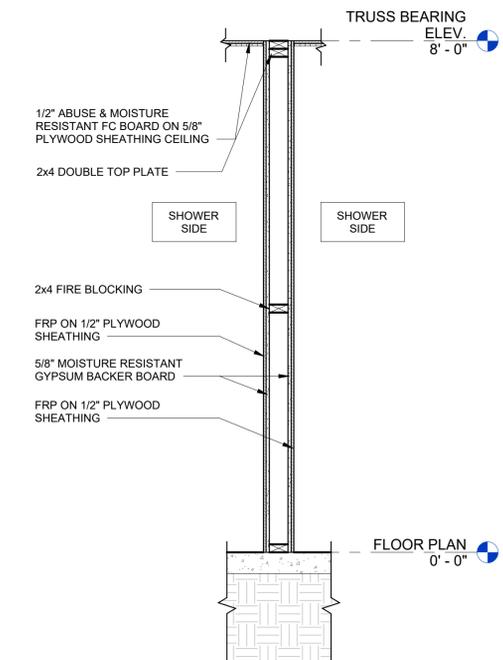
1 EXTERIOR WALL SECTION N01
A3.20 3/4" = 1'-0"



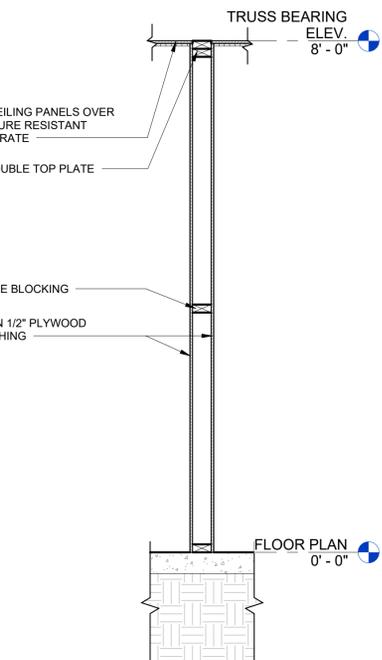
2 EXTERIOR WALL SECTION N01
A3.20 3/4" = 1'-0"



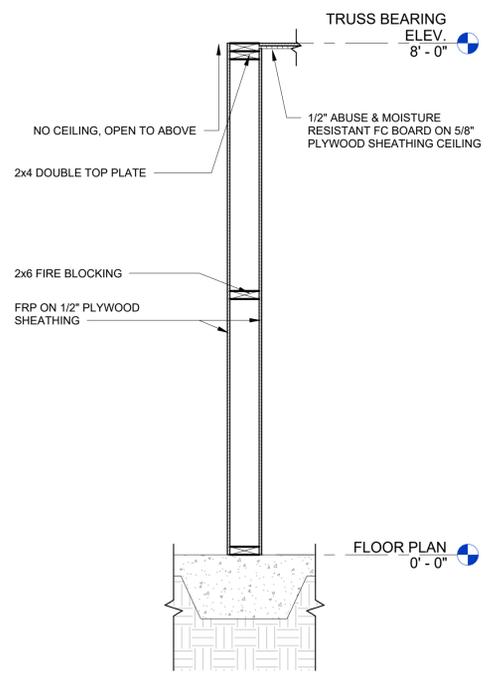
3 INTERIOR WALL SECTION N02
A3.20 3/4" = 1'-0"



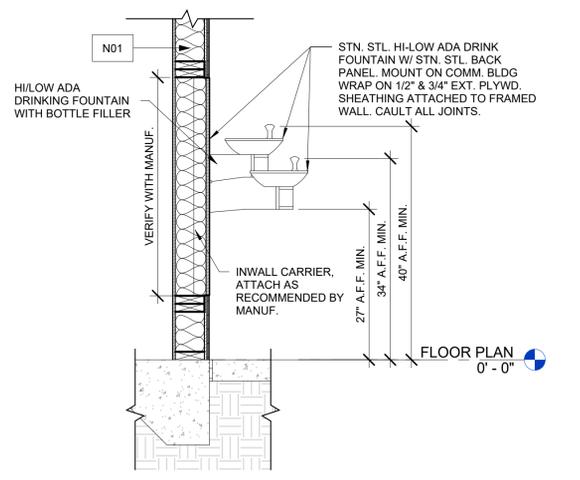
4 INTERIOR WALL SECTION N03
A3.20 3/4" = 1'-0"



5 INTERIOR WALL SECTION N04
A3.20 3/4" = 1'-0"



6 INTERIOR WALL SECTION N05
A3.20 3/4" = 1'-0"



7 DRINKING FOUNTAIN WALL SECTION
A3.20 3/4" = 1'-0"

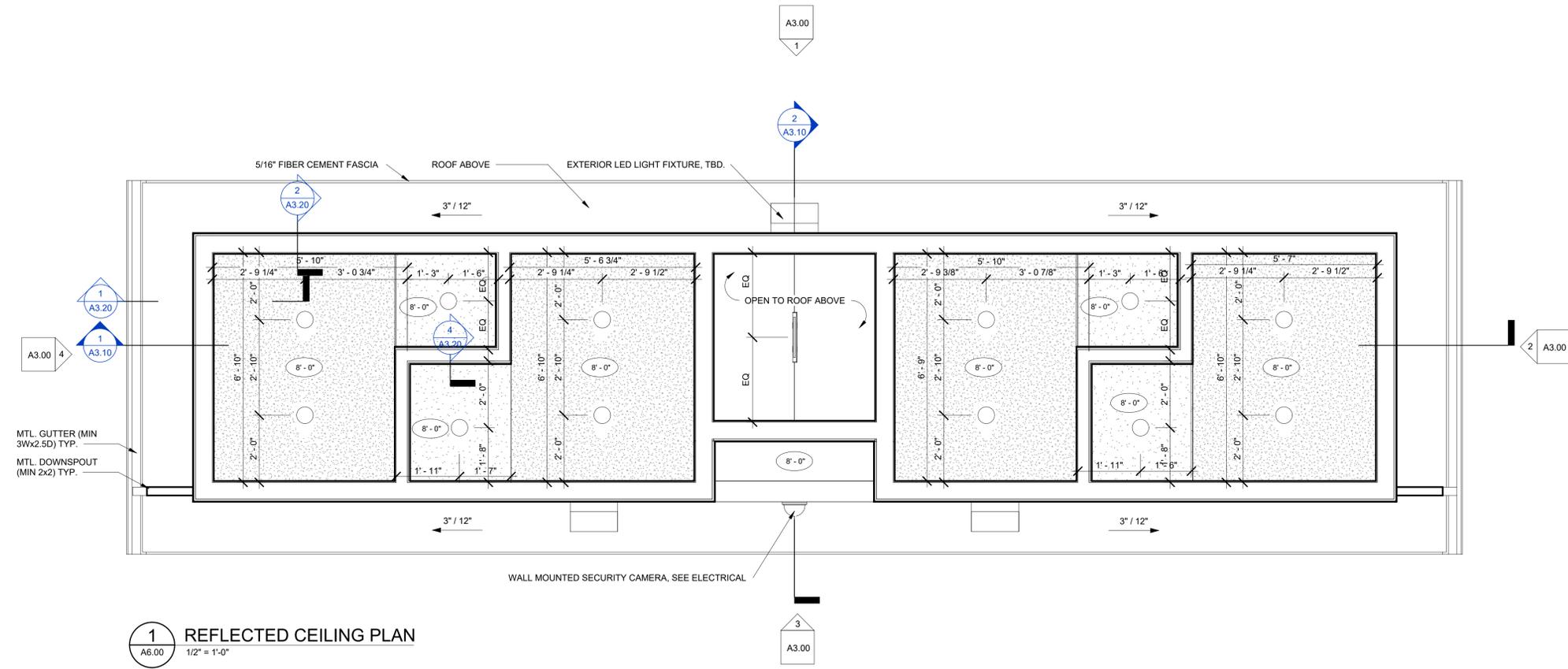
RCP LEGEND

-  6" DIA. RECESSED CAN LIGHT
-  18" SUSPENDED LINEAR LED FIXTURE
-  WALL PACK
-  5/8" HIGH-MOISTURE & ABUSE RESISTANT FIBER CEMENT
-  FRP CEILING PANELS OVER MOISTURE RESISTANT SUBSTRATE
-  FIBER CEMENT SOFFIT PANEL

ALPHA BLDG SET 01-15-2026

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1 REFLECTED CEILING PLAN
A6.00 1/2" = 1'-0"

NORTH SIDE RESTROOM BUILDING
GEORGIA
PREPARED FOR:
NEWTON COUNTY
COVINGTON

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

SHEET TITLE
REFLECTED CEILING PLAN

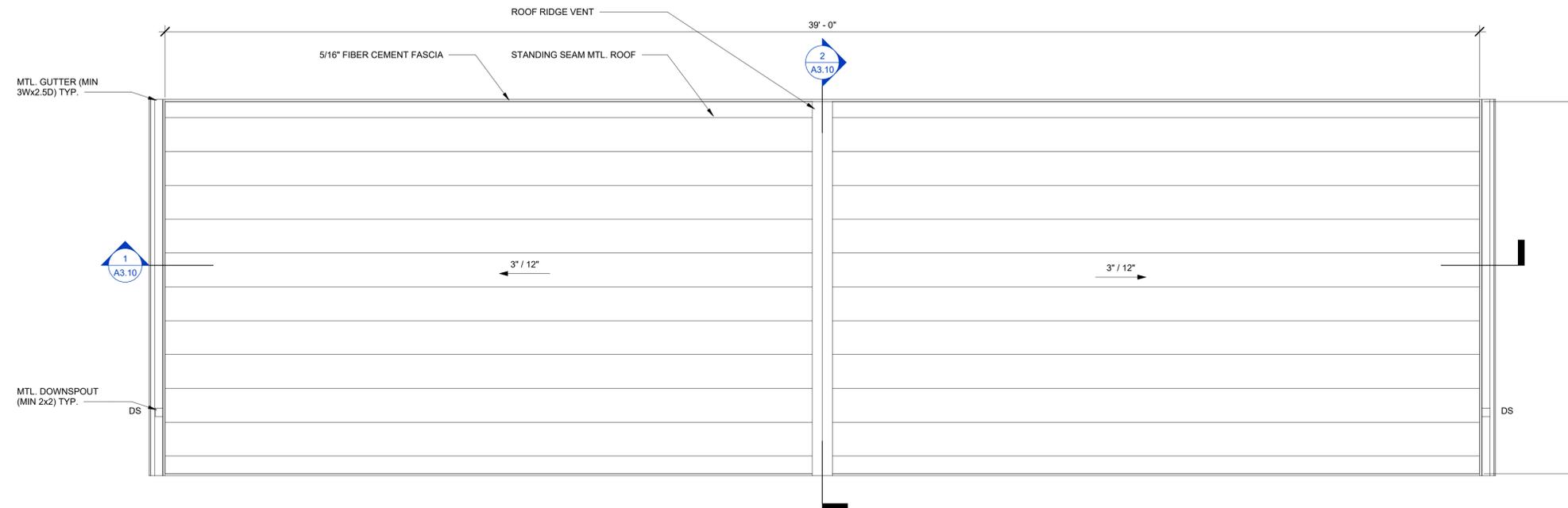
PROJECT NO. 23042-1	DATE 12/18/2025
DRAWN BY STAFF	SCALE As indicated
CHECKED BY SG	
SHEET NO.	

A6.00

ALPHA BLDG SET 01-15-2026

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1 ROOF PLAN
A7.00 1/2" = 1'-0"

NORTH SIDE RESTROOM BUILDING
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SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

SHEET TITLE
ROOF PLAN

PROJECT NO. 23042-1 DATE 12/18/2025
DRAWN BY STAFF SCALE 1/2" = 1'-0"
CHECKED BY SG
SHEET NO.

A7.00

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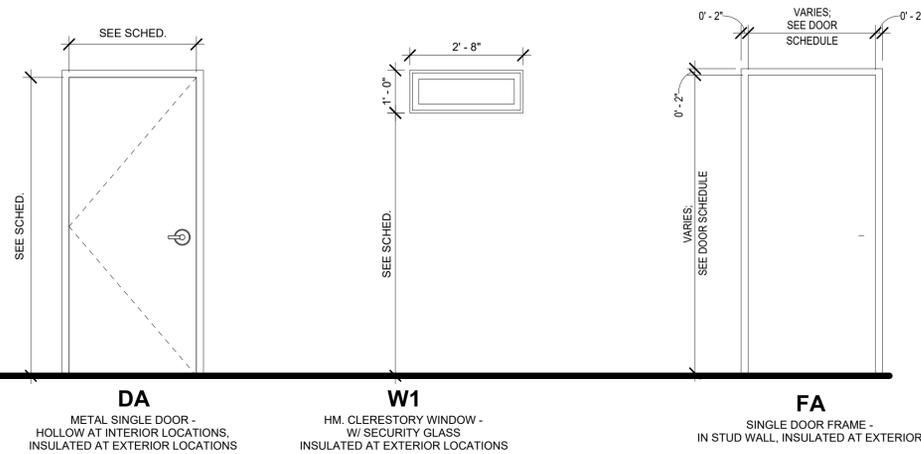
NO	DATE	DESCRIPTION

SHEET TITLE

DOOR & WINDOW SCHEDULE & DETAILS

PROJECT NO. 23042-1	DATE 12/18/2025
DRAWN BY STAFF	SCALE As indicated
CHECKED BY Checker	
SHEET NO.	

A8.00



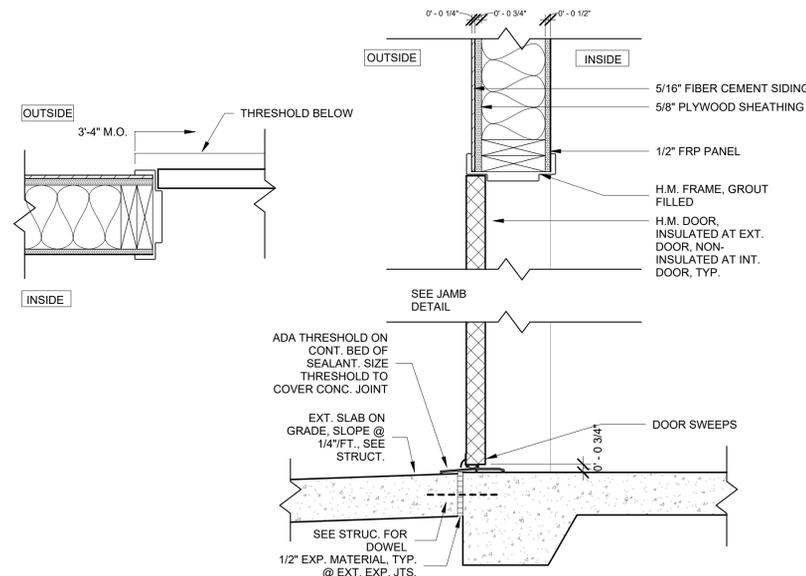
- SEE DOOR HARDWARE SPECIFICATIONS FOR HARDWARE SET INFO.
- INSULATED METAL DOOR
- 1 HR FIRE RATED
- AUTOMATIC DOOR CLOSER
- PROVIDE POWER TO DOOR FRAME
- EMERGENCY EGRESS ONLY

DOOR SCHEDULE

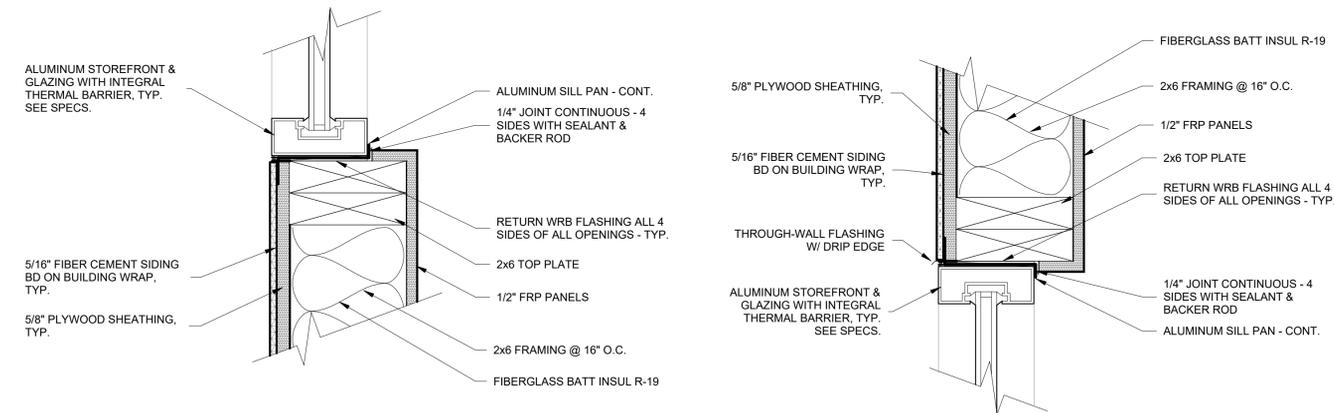
DOOR NUMBER	ROOM NAME	PANEL					FRAME			HARDWARE SET	DOOR NOTES	
		TYPE	WIDTH	HEIGHT	THICKNESS	MAT.	FIN.	TYPE	MAT.			FIN.
FLOOR PLAN												
A101	FAMILY RESTROOM A	DA	3'-0"	7'-0"	0'-1 3/4"	H.M.	PNT.	FA	H.M.	PNT.	SET 2	1, 2, 5
A102	FAMILY RESTROOM B	DA	3'-0"	7'-0"	0'-1 3/4"	H.M.	PNT.	FA	H.M.	PNT.	SET 2	1, 2, 5
A103	FAMILY RESTROOM C	DA	3'-0"	7'-0"	0'-1 3/4"	H.M.	PNT.	FA	H.M.	PNT.	SET 2	1, 2, 5
A104	FAMILY RESTROOM D	DA	3'-0"	7'-0"	0'-1 3/4"	H.M.	PNT.	FA	H.M.	PNT.	SET 2	1, 2, 5
A105	UTILITY	DA	3'-0"	7'-0"	0'-1 3/4"	H.M.	PNT.	FA	H.M.	PNT.	SET 1	1, 2, 5

WINDOW SCHEDULE

ROOM NUMBER	ROOM NAME	WINDOW TYPE	WIDTH	HEIGHT	HEAD HEIGHT	SILL HEIGHT	COMMENTS
A101	FAMILY RESTROOM A	W1	2'-8"	1'-0"	7'-3 1/2"	6'-3 1/2"	1, 2, 5
A102	FAMILY RESTROOM B	W1	2'-8"	1'-0"	7'-3 1/2"	6'-3 1/2"	1, 2, 5
A103	FAMILY RESTROOM C	W1	2'-8"	1'-0"	7'-3 1/2"	6'-3 1/2"	1, 2, 5
A104	FAMILY RESTROOM D	W1	2'-8"	1'-0"	7'-3 1/2"	6'-3 1/2"	1, 2, 5



1 H.M. DOOR DETAILS - 2x4 STUD WALL
A8.00 1 1/2" = 1'-0"



2 WINDOW - DETAILS AT FIBER CEMENT
A8.00 3" = 1'-0"

Table 2304.10.1 - Fastening Schedule

DESCRIPTION OF BUILDING ELEMENTS	ILLUSTRATION	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
Roof			
1. Blocking between ceiling joists, rafters, or trusses to top plate or other framing below.		3-8d common (2 1/2" x 0.131"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Each end, toenail
Blocking between rafters or truss not at the wall top plate, to rafter or truss		2-8d common (2 1/2" x 0.131") 2-3" x 0.131" nails 2-3" 14 gage staples	Each end, toenail
Flat blocking to truss and web filler		16d common (3 1/2" x 0.162") @ 6" o.c. 3" x 0.131" nails @ 6" o.c. 3" x 14 gage staples @ 6" o.c.	Face nail
2. Ceiling joists to top plate		3-8d common (2 1/2" x 0.131"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Each joist, toenail
3. Ceiling joist not attached to parallel rafter, laps over partitions (no thrust)		3-16d common (3 1/2" x 0.162"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Face nail
4. Ceiling joist attached to parallel rafter (heel joint) (see Section 2308.7.3.1, Table 2308.7.3.1)		Per Table 2308.7.3.1, min of 3-16d common (3 1/2" x 0.162")	Face nail
5. Collar tie to rafter		3-10d common (3" x 0.148"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Face nail
6. Rafter or roof truss to top plate (See Section 2308.7.5, Table 2308.7.5)		3-10 common (3" x 0.148"); or 3-16d box (3 1/2" x 0.135"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Toenail
7. Roof rafters to ridge valley or hip rafters; or roof rafter to 2-inch ridge beam		2-16d common (3 1/2" x 0.162"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown; or 3-10d common (3" x 0.148"); or 4-16d box (3 1/2" x 0.135"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	End nail Toenail
Wall			
8. Stud to stud (not at braced wall panels)		16d common (3 1/2" x 0.162"); 10d box (3" x 0.128"); or 3" x 0.131" nails; or 3-3" 14 gage staples 7/16" crown	24" o.c. face nail 16" o.c. face nail
9. Stud to stud and abutting studs at intersecting wall corners (at braced wall panels)		16d common (3 1/2" x 0.162"); or 16d box (3 1/2" x 0.135"); or 3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	16" o.c. face nail 12" o.c. face nail 12" o.c. face nail
10. Built-up header (2" to 2" header)		16d common (3 1/2" x 0.162"); or 16d box (3 1/2" x 0.135")	16" o.c. each edge, face nail 12" o.c. each edge, face nail
11. Continuous header to stud		4-8d common (2 1/2" x 0.131"); or 4-10d box (3" x 0.128")	Toenail
12. Top plate to top plate		16d common (3 1/2" x 0.162"); or 10d box (3" x 0.128"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16" crown	16" o.c. face nail
13. Top plate to top plate, at end joints		8-16d common (3 1/2" x 0.162"); or 12-10d box (3" x 0.128"); or 12-3" x 0.131" nails; or 12-3" 14 gage staples, 7/16" crown	Each side of end joint, face nail (minimum 24" lap splice length each side of end joint)
14. Bottom plate to joist, rim joist, band joist, or blocking (not at braced wall panels)		16d common (3 1/2" x 0.162"); or 16d box (3 1/2" x 0.135"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16" crown	16" o.c. face nail
15. Bottom plate to joist, rim joist, band joist, or blocking at braced wall panels		2-16d common (3 1/2" x 0.162"); or 3-16d box (3" x 0.135"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	16" o.c. face nail
16. Stud to top or bottom plate		4-8d common (2 1/2" x 0.131"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown; or 2-16d common (3 1/2" x 0.162"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Toenail End nail
17. Top plates, laps at corners and intersections		2-16d common (3 1/2" x 0.162"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Face nail
18. 1" brace to each stud and plate		2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128"); or 2-3" x 0.131" nails; or 2-3" 14 gage staples, 7/16" crown	Face nail
19. 1" x 6" sheathing to each bearing		2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128")	Face nail
20. 1" x 8" and wider sheathing to each bearing		3-8d common (2 1/2" x 0.131"); or 3-10d box (3" x 0.128")	Face nail

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION	
Floor			
21. Joist to sill, top plate, or girder		3-8d common (2 1/2" x 0.131"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Toenail
22. Rim joist, band joist, or blocking to top plate, sill or other framing below		8d common (2 1/2" x 0.131"); or 10d box (3" x 0.128"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16" crown	6" o.c., toenail
23. 1" x 6" subfloor or less to each joist		2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128")	Face nail
24. 2" subfloor to joist or girder		2-16d common (3 1/2" x 0.162")	Face nail
25. 2" planks (plank & beam - floor & roof)		2-16d common (3 1/2" x 0.162")	Each bearing, face nail
26. Built-up girders and beams, 2" lumber layers		20d common (4" x 0.192") 10d box (3" x 0.128"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16" crown And: 2-20d common (4" x 0.192"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	32" o.c., face nail at top and bottom staggered on opposite sides 24" o.c. face nail at top and bottom staggered on opposite sides Ends and at each splice, face nail
27. Ledger strip supporting joists or rafters		3-16d common (3 1/2" x 0.162"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Each joist or rafter, face nail
28. Joist to band joist or rim joist		3-16d common (3 1/2" x 0.162"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	End nail
29. Bridging or blocking to joist, rafter or truss		2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128"); or 2-3" x 0.131" nails; or 2-3" 14 gage staples, 7/16" crown	Each end, toenail
Wood structural panels (WSP), subfloor, roof and interior wall sheathing to framing or particleboard wall sheathing to framing			
		Edges (inches)	Intermediate supports (inches)
30. 3/8" - 1/2"	6d common or deformed (2" x 0.113") (subfloor and wall)	6	12
	8d common or deformed (2 1/2" x 0.131") (roof) or RSRS-01 (2 3/8" x 0.113") nail (roof/d)	6	12
	2 3/8" x 0.113" nail (subfloor and wall)	6	12
	1 3/4" 16 gage staple, 7/16" crown (subfloor and wall)	4	8
	2 3/8" x 0.113" nail (roof)	4	8
	1 3/4" 16 gage staple, 7/16" crown (roof)	3	6
31. 19/32" - 3/4"	8d common (2 1/2" x 0.131"); or 6d deformed (2" x 0.113") (subfloor and wall)	6	12
	8d common or deformed (2 1/2" x 0.131") (roof) or RSRS-01 (2 3/8" x 0.113") nail (roof/d)	6	12
	2 3/8" x 0.113" nail; or 2" 16 gage staple, 7/16" crown	4	8
32. 7/8" - 1 1/4"	10d common (3" x 0.148"); or 8d deformed (2 1/2" x 0.131")	6	12
	Other exterior wall sheathing		
33. 1/2" fiberboard sheathing	1 1/2" galvanized roofing nail (7/16" head diameter); or 1 1/4" 16 gage staple with 7/16" or 1" crown	3	6
	34. 25/32" fiberboard sheathing	1 3/4" galvanized roofing nail (7/16" diameter head); or 1 1/2" 16 gage staple with 7/16" or 1" crown	3
Wood structural panels, combination subfloor underlayment to framing			
35. 3/4" and less	8d common (2 1/2" x 0.131"); or 6d deformed (2" x 0.113")	6	12
	36. 7/8" - 1"	8d common (2 1/2" x 0.131"); or 8d deformed (2 1/2" x 0.131")	6
37. 1 1/8" - 1 1/4"		10d common (3" x 0.148"); or 8d deformed (2 1/2" x 0.131")	6
	Panel siding to framing		
38. 1/2" or less	6d corrosion-resistant siding (1 7/8" x 0.106"); or 6d corrosion-resistant casing (2" x 0.099")	6	12
	39. 5/8"	8d corrosion-resistant siding (2 3/8" x 0.128"); or 8d corrosion-resistant casing (2 1/2" x 0.113")	6
Interior paneling			
40. 1/4"	4d casing (1 1/2" x 0.080"); or 4d finish (1 1/2" x 0.072")	6	12
	41. 3/8"	6d casing (2" x 0.099"); or 6d finish (Panel supports at 24 inches)	6

For SI: 1 inch = 25.4mm
a. Nails spaced at 6 inches at intermediate supports where spans are 48 inches or more. For nailing of wood structural panel and particleboard diaphragms and shear walls, refer to Section 2305. Nails for wall sheathing are permitted to be common, box or casing.
b. Spacing shall be 6 inches on center on the edges and 12 inches on center at intermediate supports for nonstructural applications. Panel supports at 16 inches (20 inches if strength axis in the long direction of the panel, unless otherwise marked).
c. Where a rafter is fastened to an adjacent parallel ceiling joist in accordance with this schedule and the ceiling joist is fastened to the top plate in accordance with this schedule, the number of toenails in the rafter shall be permitted to be reduced by one nail.
d. RSRS-01 is a Roof Sheathing Ring Shank nail meeting the specifications in ASTM F1667.

A PHA BLDG SET 01-15-2026

LOSE DESIGN
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PLACE
STAMP
HERE



FACTORY SHOALS PARK, NORTHSIDE
RESTROOM BUILDING
PREPARED FOR:
NEWTON COUNTY, GEORGIA

SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

SHEET TITLE
GENERAL NOTES

PROJECT NO: 23042-1
DRAWN BY: TJU
CHECKED BY: ARY
SHEET NO: DATE: 11/21/2025
SCALE: 3/4" = 1'-0"

S0.03

PLACE
STAMP
HERE



FACTORY SHOALS PARK_NORTHSIDE
RESTROOM BUILDING

GEORGIA

PREPARED FOR:
NEWTON COUNTY, GEORGIA

COVINGTON

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

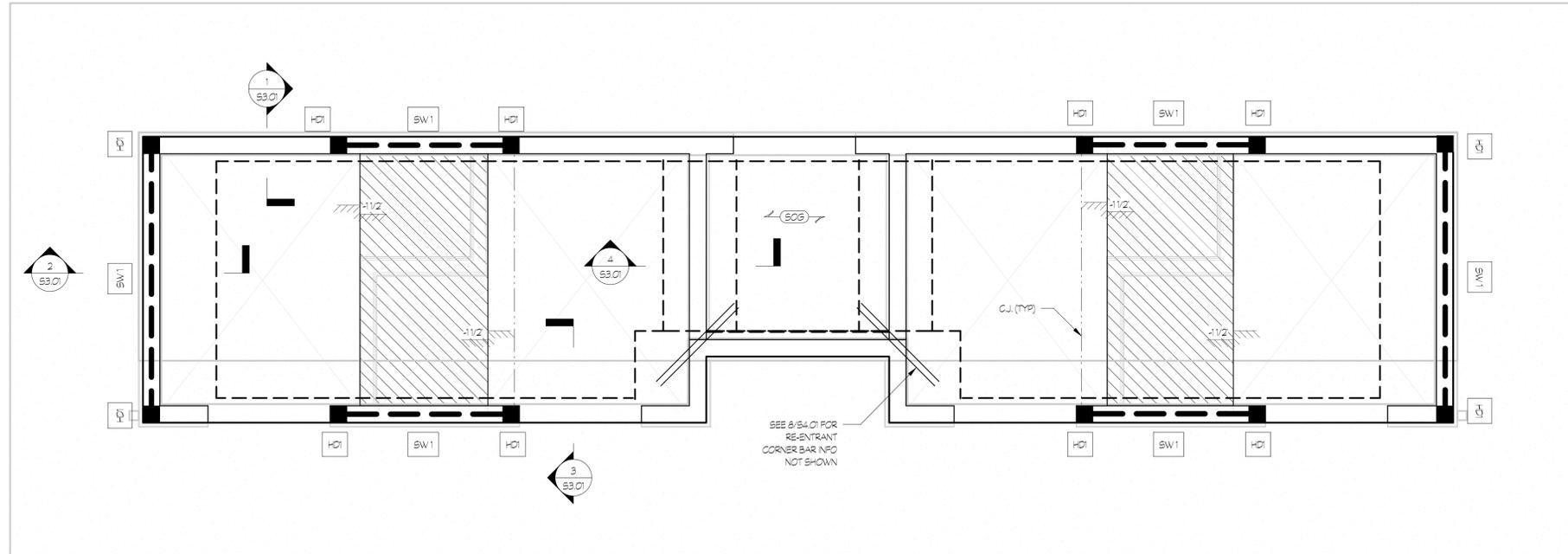
SHEET TITLE

**FOUNDATION &
ROOF FRAMING
PLANS**

PROJECT NO. 23042-1
DRAWN BY TJU
CHECKED BY ARY
SHEET NO. S1.01

DATE 11/21/2025
SCALE As indicated

S1.01



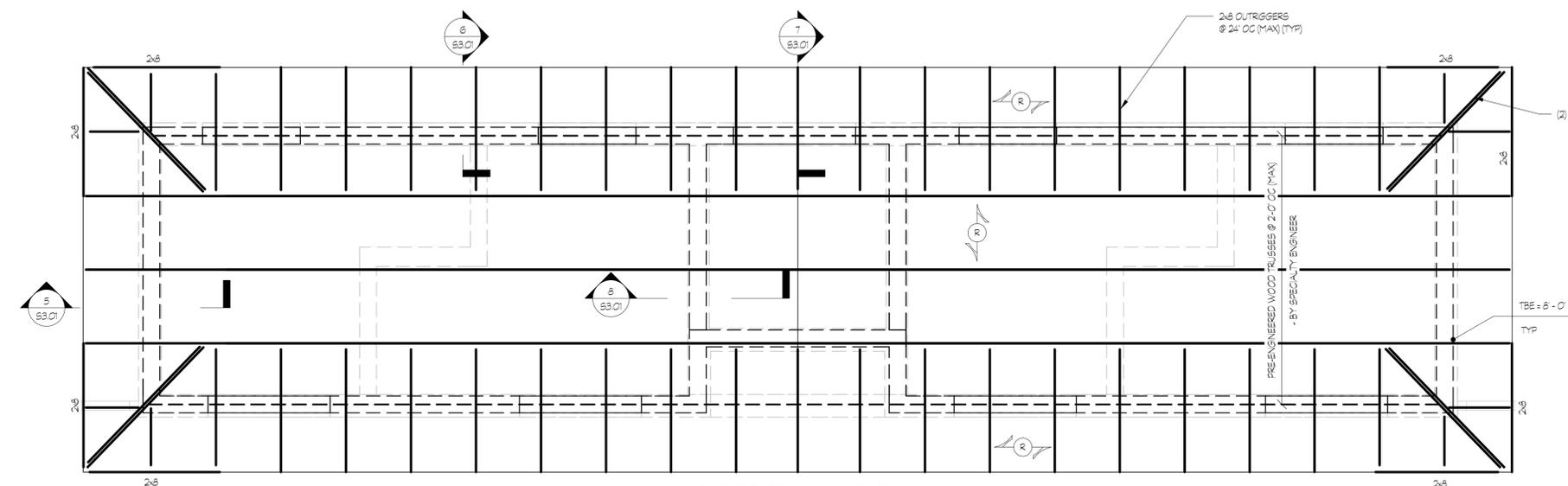
1 FOUNDATION PLAN
S1.01 1/2"=1'-0"

FOUNDATION AND SLAB NOTES

1. SLAB ON GRADE SHALL BE 4" CONC SLAB (3000 PSI) ON 10 MIL (MIN) VAPOR RETARDER ON 4" FLOOR SLAB BASE MATERIAL. W/1 LAYER 6x6-W1x1/4 WWF FROM TOP OF SLAB. UNO ON PLAN. ALL SLOPES TO DRAINS SHALL BE ACCOMMODATED BY SLOPING BOTTOM AND TOP OF SLAB AT THE SAME RATE (SEE S1/54.01) FFE + 0'-0"
2. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN.
3. CJ INDICATES CONTROL/CONSTRUCTION JOINTS IN SLAB ON GRADE. SEE S6/54.01 FOR ADDL INFORMATION WITH REGARD TO CONTROL JOINT REQUIREMENTS. ADDITIONAL INFORMATION.
4. SW1 INDICATES 2x @ 24" OC TIMBER SHEAR WALL. FASTEN SHEATHING AS INDICATED ON S4.02
5. HD1 INDICATES HOLD-DOWN - SEE S4.02 FOR MORE INFO
6. W/PA SHALL REVIEW THE PRE-ENGINEERED SHOP DRAWINGS FOR ACTUAL ANTICIPATED LOADS PRIOR TO CONSTRUCTION OF THIS STRUCTURE. SUBMIT SHOP DRAWINGS THROUGH TYPICAL SUBMITTAL PROCESS.
7. -1/2 INDICATES STEP IN FFE - SEE DETAIL S9/54.01 FOR MORE INFORMATION.

NOTES TO CONTRACTOR

1. THE CONTRACTOR SHALL REFER TO THE PLUMBING, MECHANICAL, & ELECTRICAL DRAWINGS AND NOTE THE LOCATION OF ALL UNDERGROUND OR UNDER FLOOR PIPING & CONDUITS. THE CONTRACTOR SHALL INCORPORATE ALL FOOTING STEPS NECESSARY PER THE REQUIREMENTS OF ALL UNDERGROUND OR UNDER FLOOR PLUMBING, MECHANICAL, AND ELECTRICAL PIPING. THE CONTRACTOR SHALL REFER TO THE TYPICAL FOUNDATION DETAILS 2 THRU 4 (S4.01) WHEN PERFORMING THIS WORK. LOCATION OF ALL STEPPED FOOTINGS ARE THE RESPONSIBILITY OF THE CONTRACTOR. ALL STEP FOOTING LOCATIONS SHALL BE SHOWN ON THE FOUNDATION SHOP DRAWINGS AND REVIEWED BY THE SEOR PRIOR TO INSTALLATION.



3 ROOF FRAMING PLAN
S1.01 1/2"=1'-0"

TYPICAL ROOF FRAMING NOTES

1. INDICATES SPAN 5/8" PLYWOOD T&G ROOF SHEATHING. FASTEN TO ALL SUPPORTS WITH 10d COMMON NAILS AT 6" OC EDGES & 12" OC FIELD. ALL JOINTS IN SHEATHING SHALL OCCUR OVER AND BE FASTENED TO COMMON FRAMING MEMBERS OR COMMON BLOCKING. PANELS SHALL BE BLOCKED AT PERIMETER OF ROOF AND AT DIRECTIONAL CHANGES.
2. CONTRACTOR SHALL COORDINATE THE LOCATIONS AND SIZES OF ALL ROOF OPENINGS.
3. SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN IN STRUCTURAL PLANS.
4. TBE INDICATES TRUSS BEARING ELEVATION

ROOF LOADS

ROOF DEAD LOAD @ TRUSSES 10 PSF TOP CHORD
5 PSF BOT CHORD

LIVE LOAD

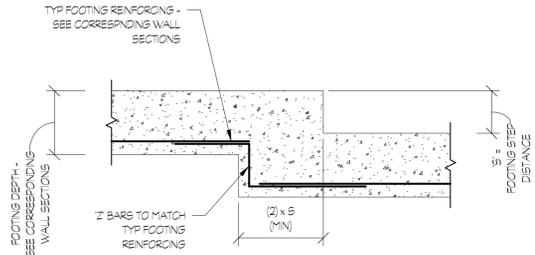
ROOF LIVE LOAD 20 PSF TOP CHORD

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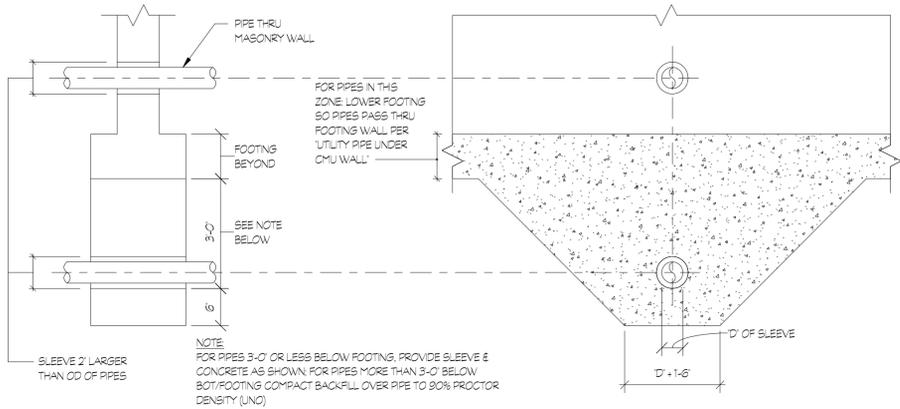
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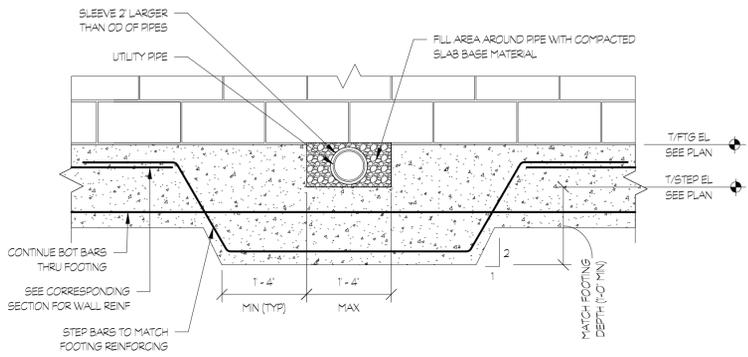
FACTORY SHOALS PARK_NORTHSIDE
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NEWTON COUNTY, GEORGIA
COVINGTON



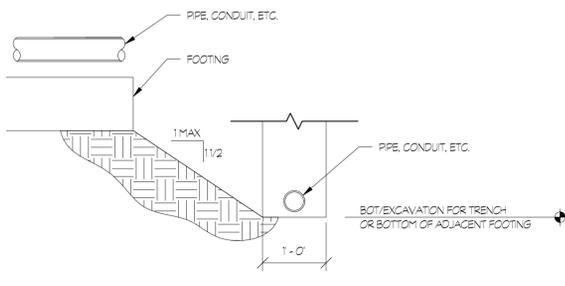
1 STEPPED CONTINUOUS FOOTING DETAIL
S4.01 3/4" = 1'-0"



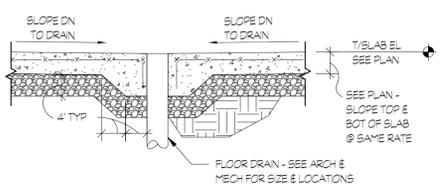
2 FOUNDATION DETAIL @ UTILITY PIPES
S4.01 3/4" = 1'-0"



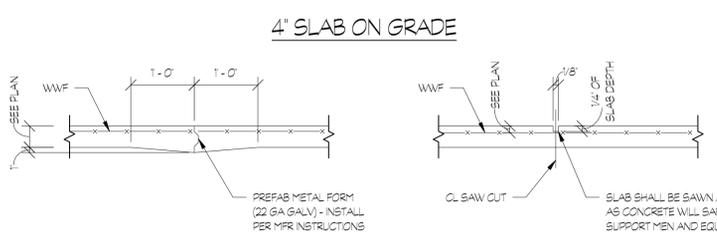
3 FOUNDATION DETAIL @ UTILITY PIPES
S4.01 3/4" = 1'-0"



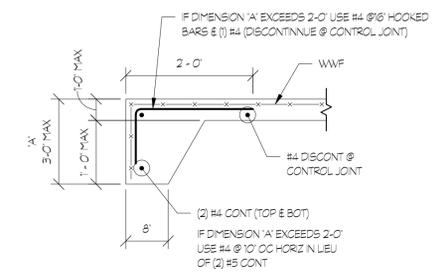
4 FOUNDATION INFLUENCE DETAIL
S4.01 3/4" = 1'-0"



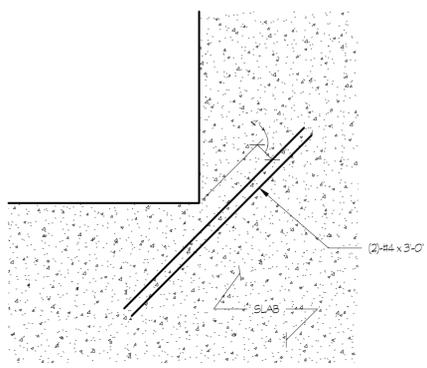
5 FLOOR SLAB DRAIN DETAIL
S4.01 3/4" = 1'-0"



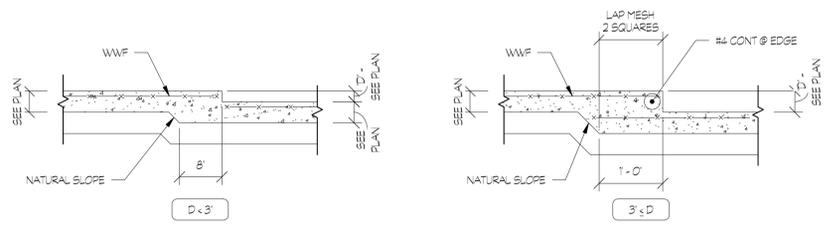
6 SLAB-ON-GRADE JOINT DETAILS
S4.01 3/4" = 1'-0"



7 TYP TURNED DOWN SLAB
S4.01 3/4" = 1'-0"



8 SLAB RE-ENTRANT CORNER DETAIL
S4.01 3/4" = 1'-0"



9 TYP DEPRESSED SLAB-ON-GRADE DETAILS
S4.01 3/4" = 1'-0"

- NOTE
1. WWF TO BE POSITIONED WITHIN SLAB DEPTH W/ PREFABRICATED CHAIRS.
 2. COORDINATE DEPTHS AND LOCATIONS OF ALL FLOOR DEPRESSIONS WITH ARCHITECTURAL DRAWINGS.
 3. PROVIDE (1) #4 x 4'-0" TOP AT INTERIOR CORNERS OF ALL DEPRESSIONS.
 4. SLAB DEPRESSIONS ARE TYPICALLY SHOWN ON PLAN THIS:

SUBMITTALS / REVISIONS	
NO	DESCRIPTION

SHEET TITLE
TYPICAL SECTIONS & DETAILS

PROJECT NO: 23042-1
DATE: 11/21/2025
DRAWN BY: TJU
SCALE: 3/4" = 1'-0"
CHECKED BY: ARY
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PLACE STAMP HERE



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GEORGIA
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COVINGTON

SUBMITTALS / REVISIONS

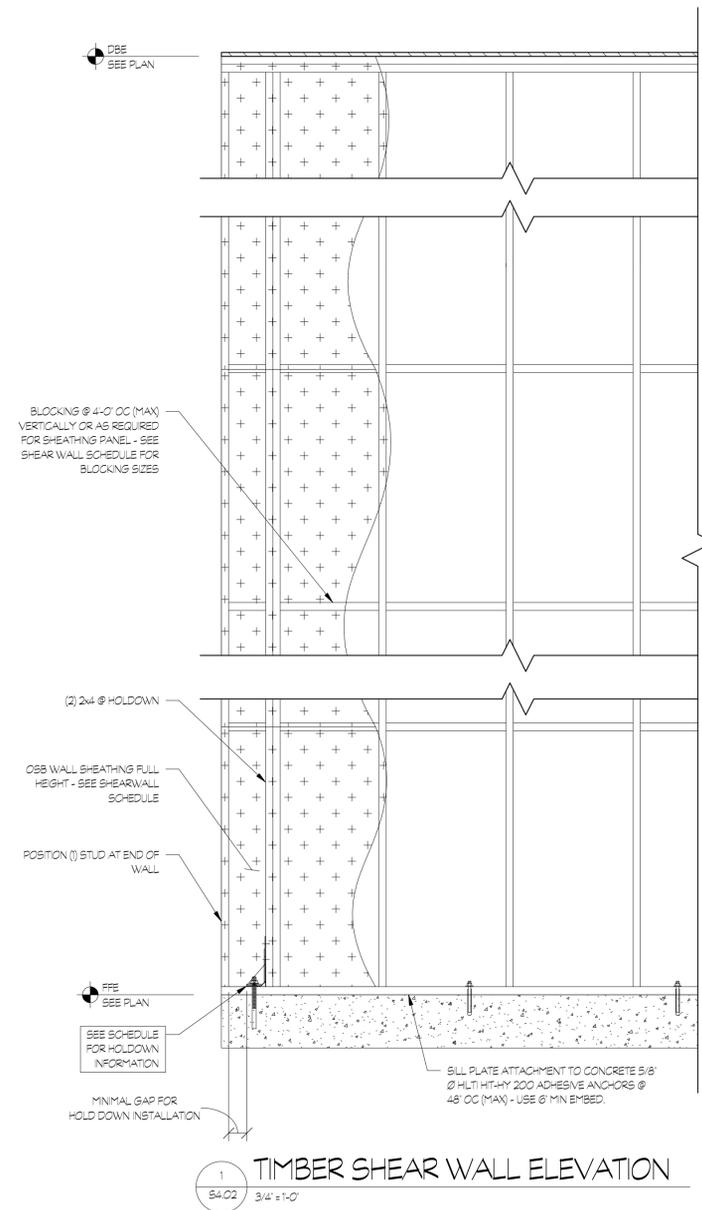
NO	DATE	DESCRIPTION

SHEET TITLE

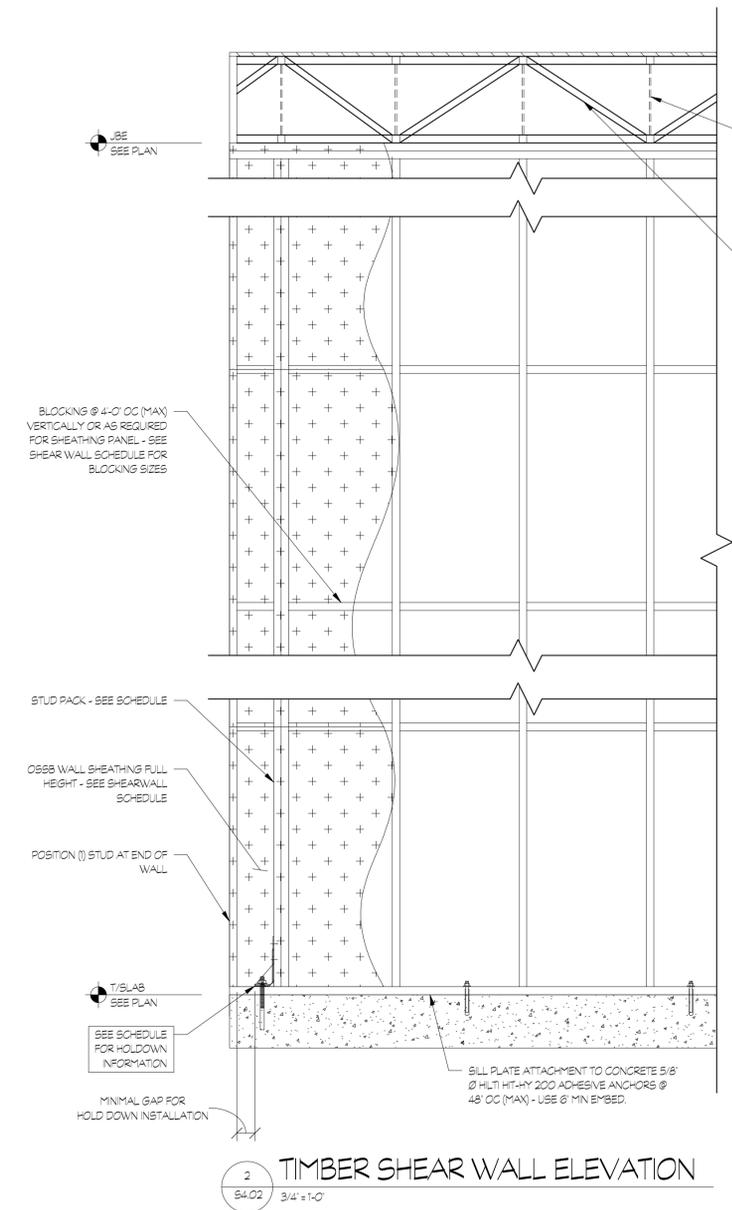
TYPICAL SECTIONS & DETAILS

PROJECT NO: 23042-1
DATE: 11/21/2025
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S4.02



1
S4.02 3/4" = 1'-0"
TIMBER SHEAR WALL ELEVATION



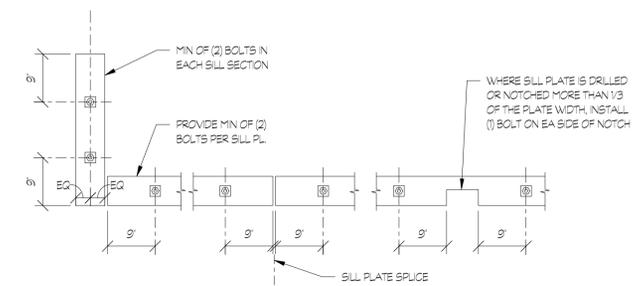
2
S4.02 3/4" = 1'-0"
TIMBER SHEAR WALL ELEVATION

TIMBER SHEAR WALL SCHEDULE								
	DESCRIPTION	STUD SIZE & SPACING	SHEATHING	EDGE SHEATHING ATTACHMENTS	FIELD (INTERIOR) SHEATHING ATTACHMENTS	SILL PLATES (NOMINAL SIZE)	BLOCKING	SECTIONS
SW1	SHEARWALL	2x6 @ 24" OC	7/16" OSB (ONE SIDE)	10x @ 6" OC	10x @ 12" OC	2x6 PT	2x6	1&2/S4.02

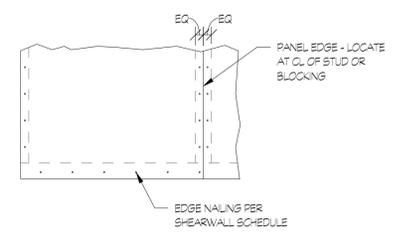
5
S4.02 3/4" = 1'-0"
TIMBER SHEAR WALL SCHEDULE

SHEARWALL HOLD-DOWN SCHEDULE					
MARK	HOLD-DOWN	ANCHOR ROD	JAMB POST/STUDS	STUD BOLTS	ANCHOR ROD EMBEDMENT
HDI	SIMPSON HD5B	5/8" DA	(2) 2x6 STUDS OR (2) 2x4 STUDS	(2) 3/4" DIA BOLTS	5/8" Ø ADHESIVE ANCHOR - USE HILTI-HY 200 W/ 12" MIN EMBEDMENT

6
S4.02 3/4" = 1'-0"
SHEARWALL HOLD-DOWN SCHEDULE



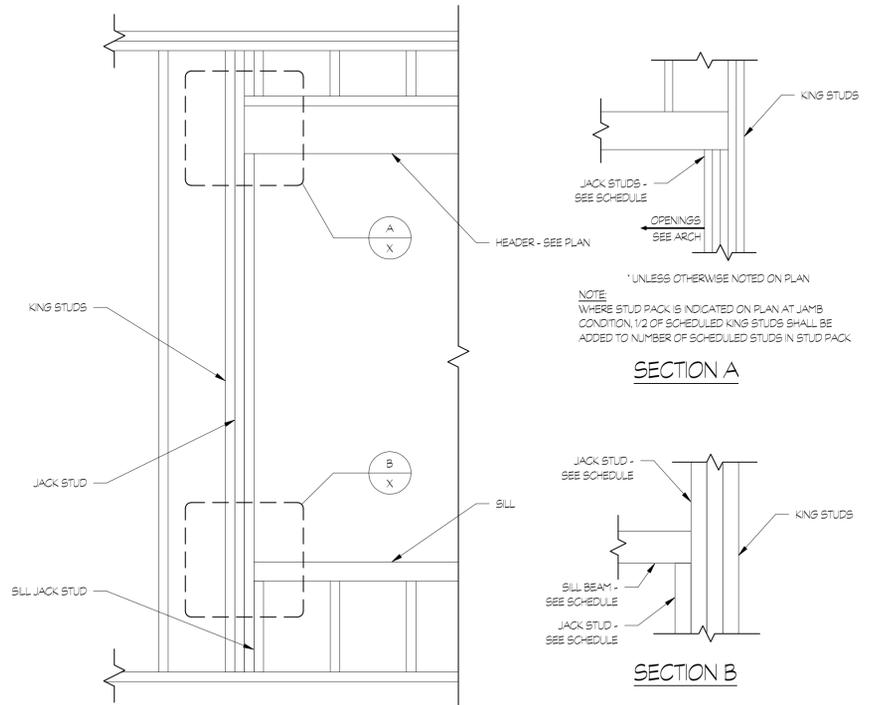
3
S4.02 3/4" = 1'-0"
TYP SILL PLATE BOLTING



4
S4.02 3/4" = 1'-0"
TYP SHEARWALL EDGE NAILING

NON LOAD BEARING HEADER SCHEDULE			
SPAN OF OPENING	SIZE OF HEADER	# OF KING STUDS	# OF JACK STUDS
0 - 3'-6"	(2) 2x6 W/ (1) 1/2" PLYWOOD FLITCH PL	2	2
3'-6" - 8'-0"	(2) 2x12 W/ (1) 1/2" PLYWOOD FLITCH PL	3	2

SILL BEAM SCHEDULE	
SPAN OF OPENING	BEAM SIZE
0 - 8'-0"	(2) 2x4
8'-0" - 12'-0"	(3) 2x4



7
S4.02 3/4" = 1'-0"
WALL OPENING ELEVATION

SECTION A

SECTION B

NOTE: WHERE STUD PACK IS NOTICED ON PLAN AT JAMB CONDITION, 1/2 OF SCHEDULED KING STUDS SHALL BE ADDED TO NUMBER OF SCHEDULED STUDS IN STUD PACK.

* UNLESS OTHERWISE NOTED ON PLAN

ALPHA BLDG SET 01-15-2026

LOSE
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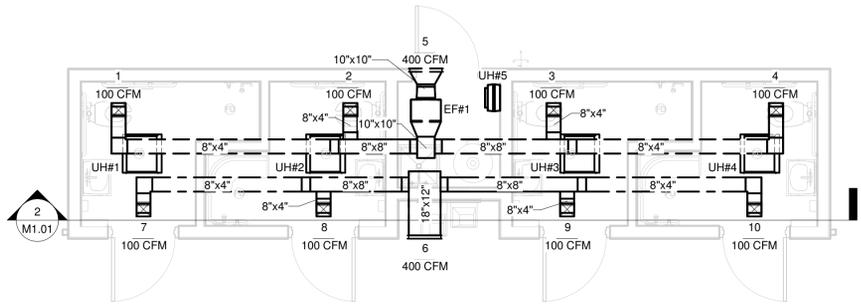
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 GEORGIA
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 COVINGTON

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

SHEET TITLE
HVAC FLOOR PLAN, SECTION, 3D PLAN, & SCHEDULES

PROJECT NO. 23042-1
 DATE 11/21/2025
 DRAWN BY TMH
 SCALE
 CHECKED BY TMH
 As indicated
 SHEET NO.

M1.01



1 HVAC FLOOR PLAN
 1/4" = 1'-0"

GENERAL MECHANICAL LEGEND	
	SUPPLY DIFFUSER
	RETURN GRILLE
	EXHAUST GRILLE
	FLEX DUCTWORK
	TERMINAL TAG
	SUPPLY DUCT
	RETURN DUCT
	EXHAUST DUCT
	THERMOSTAT

EXHAUST FAN SCHEDULE		
EQUIP. NO.	EF#1	---
TYPE	IN-LINE	---
SERVICE	SEE PLANS	---
CFM	400	---
STATIC PRESSURE	.375"	---
SONES	3.0	---
HP	118 WATTS	---
VOLTAGE	120/1/60	---
ACCESSORIES	NOTE 1,2	---
DAMPER TYPE	BACKDRAFT	---
SCREEN TYPE	---	---
MANUFACTURER	COOK	---
MODEL #	GN-622	---

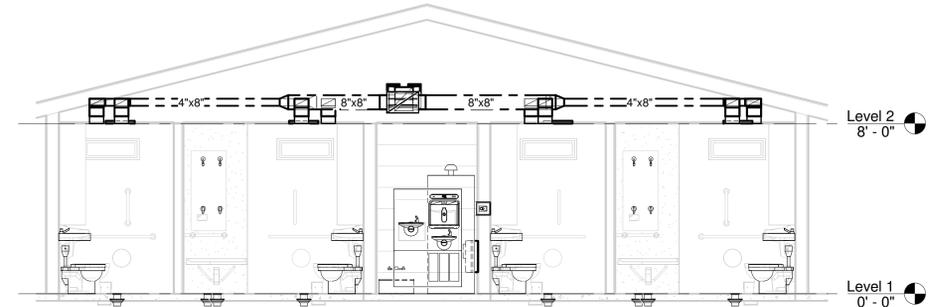
1. PROVIDE FSC CONTROL AT FAN TO OBTAIN CFM.
 2. INTERLOCK FAN WITH THE LIGHTS.

HVAC GENERAL NOTES:
 1. PAINT ALL ROOF AND WALL PENETRATIONS TO MATCH ROOF/WALL COLOR. COLOR TO BE SELECTED BY THE ARCHITECT.
 2. NO MAIN DUCT AND/OR BRANCH LINE WILL BE RUN BELOW THE CEILING.

AIR TERMINAL SCHEDULE			
Mark	Size	Family and Type	Flow
1	8"x8"	Exhaust Grille: 8 x 8 Face 8 x 8 Connection	100 CFM
2	8"x8"	Exhaust Grille: 8 x 8 Face 8 x 8 Connection	100 CFM
3	8"x8"	Exhaust Grille: 8 x 8 Face 8 x 8 Connection	100 CFM
4	8"x8"	Exhaust Grille: 8 x 8 Face 8 x 8 Connection	100 CFM
5	18"x12"	Louver - Storm Resistant: Standard	400 CFM
6	18"x12"	Louver - Storm Resistant: Standard	400 CFM
7	8"x8"	Return Diffuser: 8 x 8 Face 8 x 8 Connection	100 CFM
8	8"x8"	Return Diffuser: 8 x 8 Face 8 x 8 Connection	100 CFM
9	8"x8"	Return Diffuser: 8 x 8 Face 8 x 8 Connection	100 CFM
10	8"x8"	Return Diffuser: 8 x 8 Face 8 x 8 Connection	100 CFM

UNIT HEATER SCHEDULE		
EQUIP. NO.	UH#1-4	UH#5
TYPE	CLG. MTD.	WALL MTD.
SERVICE	SEE PLANS	SEE PLANS
CAPACITY MBH	17.1	17.1
K.W.	5.0	5.0
VOLTAGE	240/1/60	240/1/60
BLOWER	---	---
TYPE	DIRECT	DIRECT
CFM	425	245
H.P.	NEG.	NEG.
VOLTAGE	240/1/60	240/1/60
CONTROL VOLT.	24 V	24V
ACCESSORIES	NOTE 1,2	NOTE 1,2
SPACE T'STAT	---	---
MANUFACTURER	MARKEL	MARKEL
MODEL #	H3485	H3425

1. FLUSH MOUNTED WITH INTEGRAL DISCONNECT SWITCH.
 2. UNIT MOUNTED THERMOSTAT.



2 HVAC SECTION 1
 1/4" = 1'-0"

COMcheck Software Version 4.1.5.1
Mechanical Compliance Certificate

Project Information
 Energy Code: 2015 IECC
 Project Title: Factory Shoals Park Northside
 Location: Covington, Georgia
 Climate Zone: 3a
 Project Type: New Construction

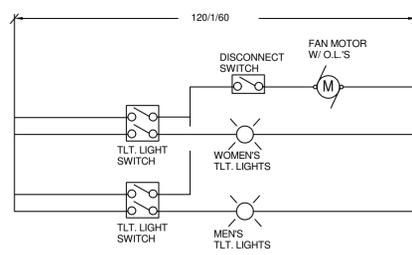
Additional Efficiency Package(s)
 Construction Site: Covington, GA
 Owner/Agent: Covington, GA
 Designer/Contractor: Timothy Harms, Harms Engineering, Inc., 850 Neartop Drive, Nashville, TN 37205, 615-356-6789, harmsengr@gmail.com

Reduced interior lighting power. Requirements are implicitly enforced within interior lighting allowance calculations.

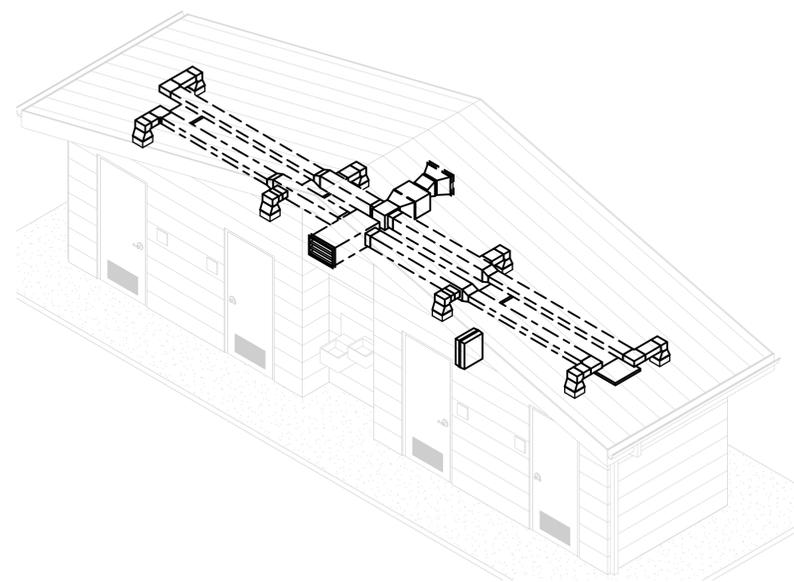
Mechanical Systems List
Quantity System Type & Description
 5 HVAC System UH#1-5 (Single Zone):
 Heating: 5 each - Unit Heater, Electric, Capacity = 17 kBtu/h
 No minimum efficiency requirement applies
 Fan System: Unit Heater - Compliance (Motor nameplate HP method) : Passes
 Fans:
 FAN 2 Supply, Constant Volume, 325 CFM, 0.1 motor nameplate hp, 0.0 fan efficiency grade
 1 Water Heater WH#1:
 Electric Storage Water Heater, Capacity: 119 gallons
 Proposed Efficiency: 0.84 SL, %/h (f > 12 kW), Required Efficiency: 0.53 SL, %/h (f > 12 kW)

Mechanical Compliance Statement
 Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.
 Timothy Harms - Mechanical Engineer
 Name - Title
 Signature: *Timothy M. Harms*
 Date: 11/17/2025

GRILLE, REGISTER, & DIFFUSER SCHEDULE					
DESIGNAT.	DESCRIP.	MANUFACTURER	MODEL	DAMPER	FINISH
ALL TYP.	RET. REG.	TITUS	50F	NO	WHITE
ALL TYP.	EXH REG.	TITUS	50F	NO	WHITE

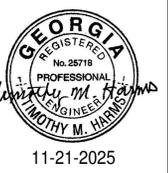


4 EXHAUST FAN CONTROL (EF#1)
 NOT TO SCALE



3 HVAC 3D PLAN

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GEORGIA
 NORTH SIDE
 RESTROOM BUILDING
 PREPARED FOR:
 NEWTON COUNTY, GEORGIA
 COVINGTON

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

SHEET TITLE
PLUMBING FLOOR PLANS, SECTIONS, 3D, & SCHEDULES
 PROJECT NO. 23042-1 DATE 11/21/2025
 DRAWN BY TMH SCALE
 CHECKED BY TMH As indicated
 SHEET NO.

GENERAL PLUMBING LEGEND	
--- SAN ---	SANITARY DRAIN
— C —	COLD WATER
— H —	HOT WATER
--- V ---	VENT PIPING
P-1	PLUMBING FIXTURE IDENTIFICATION
VTW	VENT THRU WALL
⌞	CHECK VALVE
⌚	BALL VALVE
⌞	BALANCING VALVE

WATER HEATER SCHEDULE													
W.H. #	MANUFACTURER	MODEL #	SYS.	QTY.	K.W.	VOLTAGE	EWI	LWT	STORAGE GALLON	FLOW REC./GPH	TANK HT.	TANK DIA.	REMARKS
WH#1	A.O. SMITH	DEN-120	DOM.	1	9.0	240/180	40 F	110 F	119.0	51.0	62"	30"	1,2,3

- WATER HEATER TO PROVIDE 4.5 KW SIMULTANEOUS DUAL ELEMENT OPERATION.
- PROVIDE HEAT TRAP ON PIPING FOR WATER HEATER.
- PROVIDE INSULATION COVER OVER WATER HEATER.

REDUCED PRESSURE BACKFLOW PREVENTER SCHEDULE							
RPBP #	MANUFACTURER	MODEL #	QTY.	SIZE	GPM	PRESS. DROP	SERVING
RPBP #1	WATTS	LF009 QT	1	2 INCH	80	10.0 PSIG	DOM. WTR.

FIXTURE CONNECTION SCHEDULE						
P.#	DESCRIPTION	C.W. (IN.)	H.W. (IN.)	WASTE (IN.)	VENT (IN.)	NOTES
P-1	WATER CLOSET (FLOOR MTD., FLUSH VALVE, HANDICAP ACCESSIBLE)	1	-	4	2	1,2,5
P-2	LAVATORY (WALL MTD., HANDICAP ACCESSIBLE)	1/2	1/2	1 1/4	1 1/4	1,3,5
P-3	FLOOR DRAIN	---	---	4	2	4,5
P-4	JANITOR'S SINK	1/2	1/2	3	2	4,5
P-5	WALL HYDRANT (FREEZE PROOF)	3/4	---	---	---	4,5
P-6	WALL HYDRANT	3/4	---	---	---	4,5
P-7	DRINKING FOUNTAIN (HI/LOW, S.S., HANDICAP ACCESSIBLE)	1/2	---	1 1/4	1 1/4	4,5
P-8	SHOWER (HANDICAP ACCESSIBLE)	1/2	---	3	2	1,3,5

- EQUALS BY ELJER, KOHLER, CRANE, OF APPROVED EQUAL QUALITY.
- PROVIDE MIN. 18" HIGH AIR CHAMBER.
- PROVIDE INSULATE WASTE & WATER WITH TRUEBRO HANDI LAV-GUARD SYSTEM FOR ALL ACCESSIBLE LAVATORIES.
- EQUALS BY ZURN, JR SMITH, WADE, OASIS.
- ALL FIXTURES TO BE APPROVED BY THE OWNER.

PLUMBING FIXTURES:

P-1 WATER CLOSET (HANDICAP ACCESSIBLE)
 AMERICAN STANDARD #3461.712 FLOOR MOUNTED AT 17" AFF, VITREOUS CHINA, 1-1/2" TOP-SPUD, ELONGATED RIM TOILET; ZURN #ZER6000PL-HET-CPM BATTERY SENSOR FLUSH VALVE(1.28GPF). PUSH BUTTON CAN NOT BE MORE THAN 36" AFF. CENTOCO #500CCSS OPEN FRONT SEAT WITH COVER.

P-2 LAVATORY (HANDICAP ACCESSIBLE)
 AMERICAN STANDARD #0355.012 WALL MOUNTED AT 34" AFF, VITREOUS CHINA, WITH CONCEALED WALL HANGER (PROVIDE ZURN #Z-1251 FOR 4" BLOCK WALL); ZURN #286100-XL PUSH-BUTTON METERING FAUCET WITH (5 GPM) AERATOR, POLISHED CHROME-PLATED, FAUCET HOLES 4" ON CENTER; MCGUIRE #155WC OFFSET HANDICAP GRID DRAIN. MCGUIRE #H-2165LK SUPPLY PIPES, STOP VALVES, AND P-TRAP. THERMOSTATIC MIXING VALVE. PROVIDE AN ADSE STAINLESS STEEL SINK ENCLOSURE. (PROVIDE HARDWIRED SENSOR FAUCET AS AN UPGRADE ALTERNATE).

P-3 FLOOR DRAIN
 J.R. SMITH #2005, DUCO CAST IRON BODY WITH FLASHING COLLAR AND ADJUSTABLE STRAINER.

P-4 JANITOR'S SINK
 FIAT #MSB2424 MOP SINK WITH 830-AA SERVICE FAUCET, MCGUIRE H-2165 SUPPLIES W/STOPS AND P-TRAP.

P-5 WALL HYDRANT(FREEZE PROOF)
 WOODFORD #B65 WALL HYDRANT WITH BOX AND DOOR

P-6 WALL HYDRANT
 WOODFORD #B74 WALL HYDRANT WITH BOX AND DOOR, PROVIDE VACUUM BREAKER WITH WALL HYDRANT.

P-7 DRINKING FOUNTAIN (HANDICAP ACCESSIBLE, HI/LOW, WITH BOTTLE FILLER)
 HALSEY TAYLOR #HTHB-OVLSEBP-1, STAINLESS STEEL TOP AND BODY, WITH BOTTLE FILLER. PROVIDE STOP, SUPPLY, TRAP, ETC., TO MAKE A COMPLETE INSTALLATION. 1/2" C.W., 1 1/4" SAN. MOUNT 33"LOW TO SPOUT AND 38"HIGH TO SPOUT.

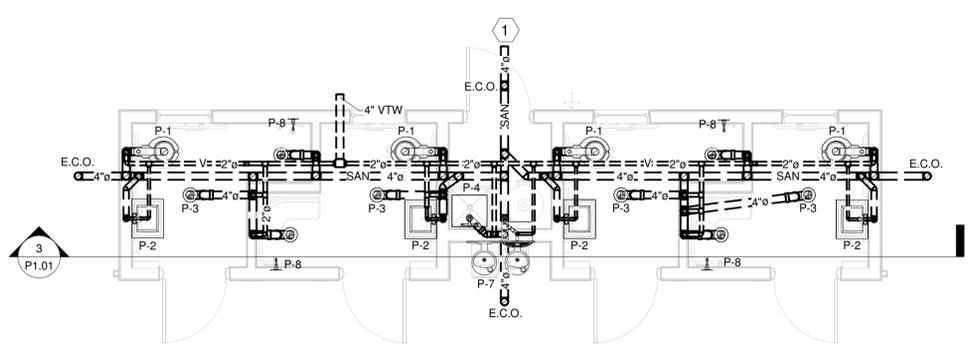
P-8 SHOWER (HANDICAP ACCESSIBLE)
 SYMMONS # S-25-300-B30 WALL/HAND SHOWER/PROVIDE ALL METAL HAND/SHOWER WITH ALSONS #476 VOLUME CONTROL AND PAUSE); FLEXIBLE METAL HOSE MINIMUM 60" IN LENGTH, WALL CONNECTION AND FLANGE. 30" SLIDE BAR; J.R. SMITH #2005 ROUND TOP FLOOR DRAIN. PROVIDE A P-TRAP.

- PLUMBING PLAN NOTES:**
- REFER TO THE CIVIL SITE PLAN FOR CONTINUATION OF THE LINE.
 - REFER TO THE WATER ENTRY DETAIL ON SHEET PM.20.
 - ALL FLOOR DRAINS TO HAVE TRAP PRIMER VALVES.

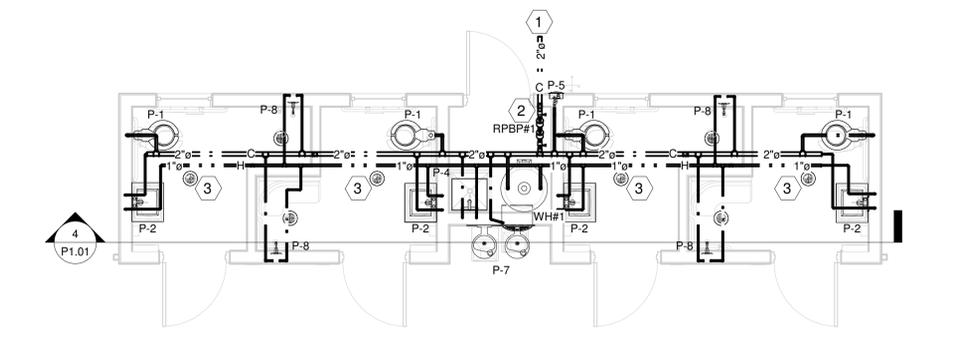
ALPHA BLDG SET

01-15-2026

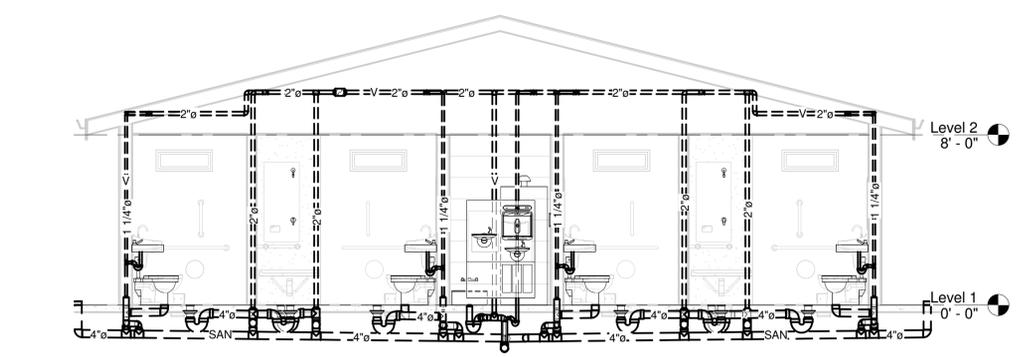
- PLUMBING GENERAL NOTES:**
- PAIN ALL ROOF AND WALL PENETRATIONS TO MATCH ROOF/WALL COLOR. COLOR TO BE SELECTED BY THE ARCHITECT.
 - NO HOSE BIBB SHALL BE INSTALLED ON SPLIT FACE BLOCKS AND/OR AT JOINTS. HOSE BIBB SHALL BE MOUNTED ON SMOOTH FACE OF CMU AT THE HORIZONTAL CENTERLINE OF THE BLOCK. CAULK AROUND THE HOSE BIBB.
 - ALL WASTE PIPING SHALL BE 4" UNLESS OTHERWISE NOTED.
 - ALL VENT PIPING SHALL BE 2" UNLESS OTHERWISE NOTED.



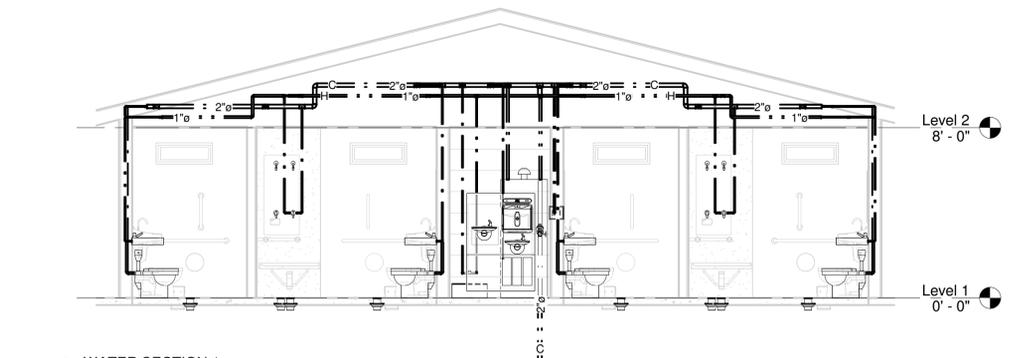
1 WASTE & VENT FLOOR PLAN
1/4" = 1'-0"



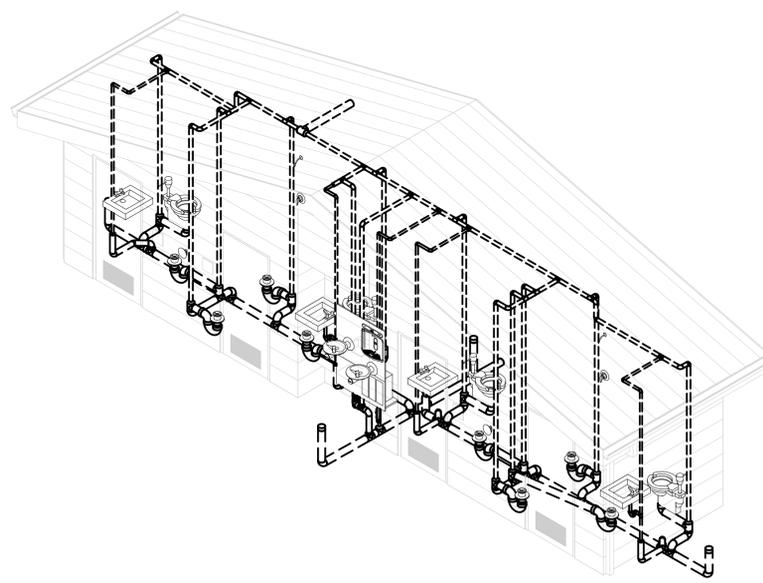
2 WATER FLOOR PLAN
1/4" = 1'-0"



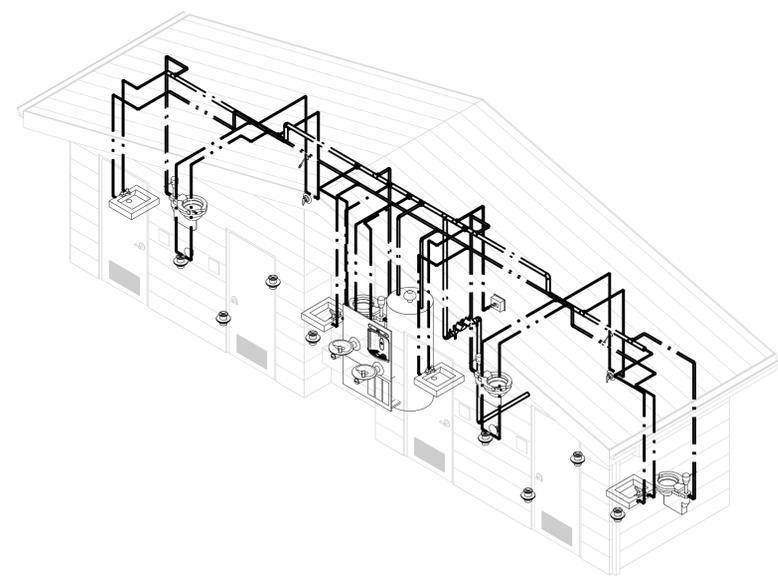
3 WASTE & VENT SECTION 1
1/4" = 1'-0"



4 WATER SECTION 1
1/4" = 1'-0"



5 WASTE & VENT 3D



6 WATER 3D

ALPHA BLDG SET 01-15-2026



1 OVERALL ELECTRICAL SITE PLAN
E1.00 1" = 250'-0"

ELECTRICAL SHEET INDEX (NORTH)	
SHEET NUMBER	SHEET NAME
E1.00	OVERALL ELECTRICAL SITE PLAN
E1.01	ELECTRICAL SITE PLAN - NORTH AND SOUTH RESTROOMS
E2.01N	ELECTRICAL PLAN - NORTH RESTROOMS
E3.01N	ELECTRICAL LEGEND, NOTES, RISER & SCHEDULES
E3.02N	LIGHTING COMCHECK REPORTS

LOSE
DESIGN
SPACES FOR LIFE.

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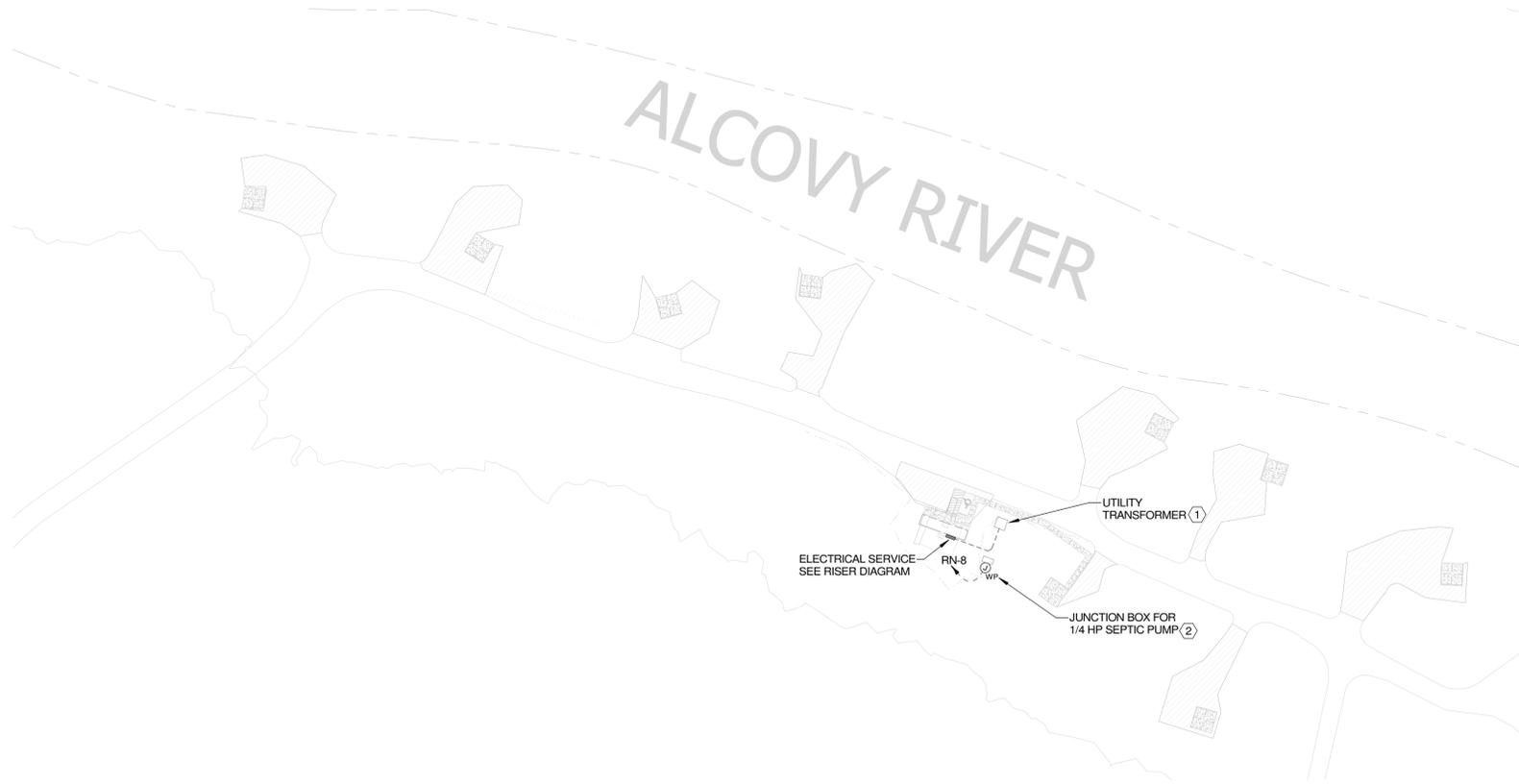


FACTORY SHOALS PARK_NORTHSIDE RESTROOM BUILDING
 PREPARED FOR:
 NEWTON COUNTY, GEORGIA
 COVINGTON GEORGIA

SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

SHEET TITLE
OVERALL ELECTRICAL SITE PLAN

PROJECT NO. **23042-1** DATE **11/21/2025**
 DRAWN BY **SEJ** SCALE
 CHECKED BY **JKM** 1" = 250'-0"
 SHEET NO.
E1.00



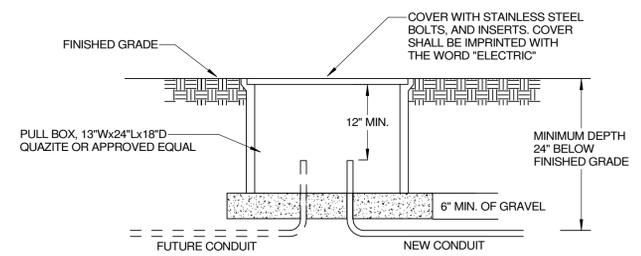
1 ELECTRICAL SITE PLAN - NORTH RESTROOMS
E1.01 SCALE: 1" = 60'-0"



2 ELECTRICAL SITE PLAN - SOUTH RESTROOMS
E1.01 SCALE: 1" = 60'-0"

PLAN KEY NOTES

- 1. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS OF UTILITY TRANSFORMER WITH LOCAL UTILITY PRIOR TO CONSTRUCTION.
- 2. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS OF SEPTIC PUMP WITH CIVIL ENGINEER'S PLANS PRIOR TO CONSTRUCTION.



UNDERGROUND PULLBOX
NO SCALE

ALPHA BLDG SET 01-15-2026

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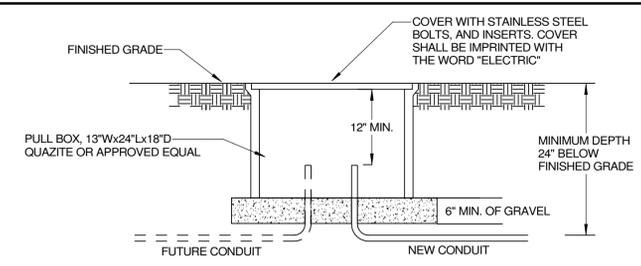
SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

SHEET TITLE
ELECTRICAL SITE PLAN - NORTH AND SOUTH RESTROOMS

PROJECT NO. 23042-1	DATE 11/21/2025
DRAWN BY SEJ	SCALE As indicated
CHECKED BY JKM	
SHEET NO.	

E1.01

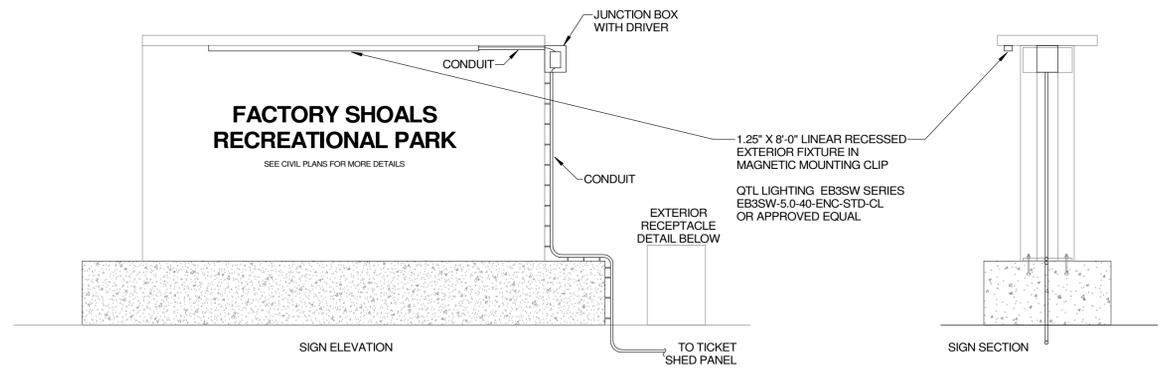
NO.	DATE	DESCRIPTION



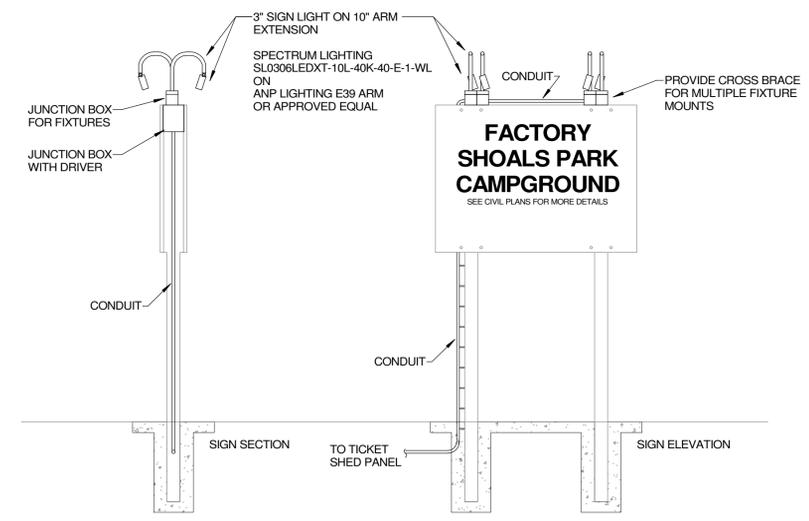
UNDERGROUND PULLBOX
NO SCALE

PLAN KEY NOTES

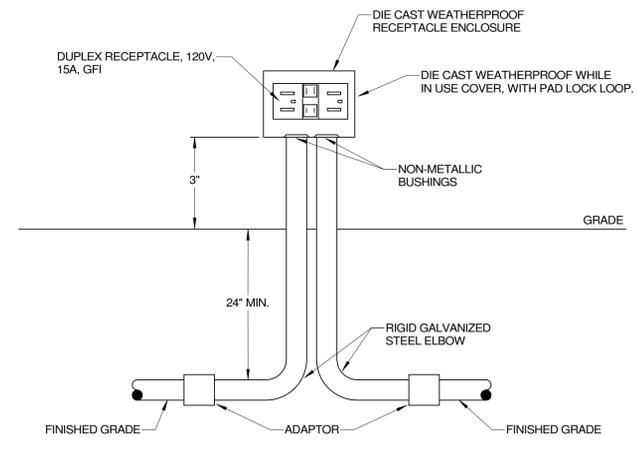
- COORDINATE EXACT LOCATION AND ALL REQUIREMENTS OF UTILITY TRANSFORMER WITH LOCAL UTILITY PRIOR TO CONSTRUCTION.
- COORDINATE EXACT LOCATION AND ALL REQUIREMENTS OF ELECTRIC GATE WITH CIVIL ENGINEER AND GATE VENDOR PRIOR TO CONSTRUCTION.
- PROVIDE SERVICE TO BRANCH CIRCUIT FROM EXISTING PANELBOARD INSIDE EXISTING TICKET SHED. UTILIZE EXISTING SPARE 20 AMP 1 POLE CIRCUIT BREAKER OR PROVIDE NEW IN AVAILABLE SPACE (MATCHING EXISTING IN MAKE MANUFACTURE, AIC, ETC). PROVIDE (2) #10, (1) #10G IN 1" SCHEDULE 40 PVC AS REQUIRED. FOR SIGNAGE CIRCUITS, PROVIDE INTERMATIC ETW TIMECLOCK OR EQUAL FOR CONTROL OF SIGNAGE.



MAIN ENTRANCE SIGNAGE #1 DETAILS
NO SCALE

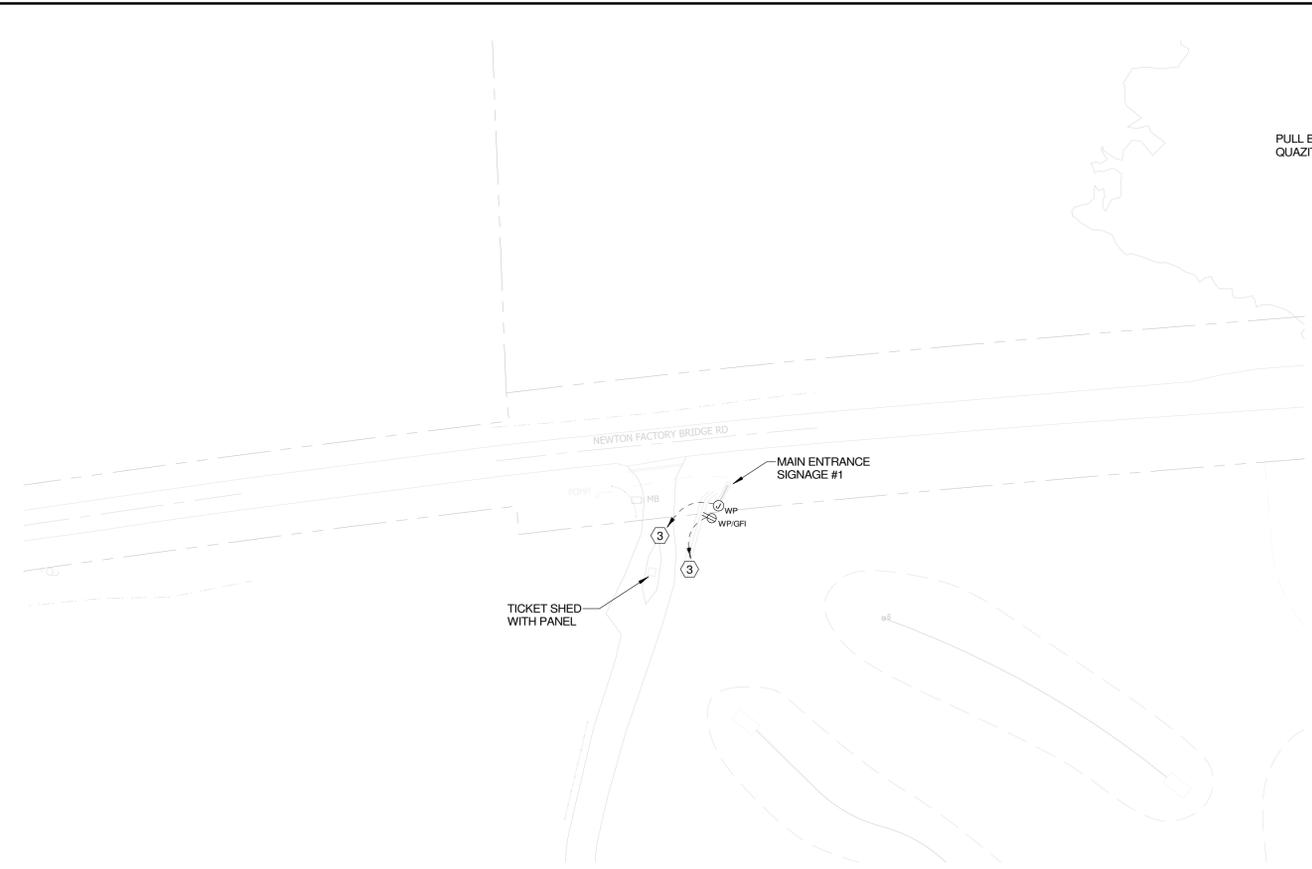


MAIN ENTRANCE SIGNAGE #2 DETAILS
NO SCALE

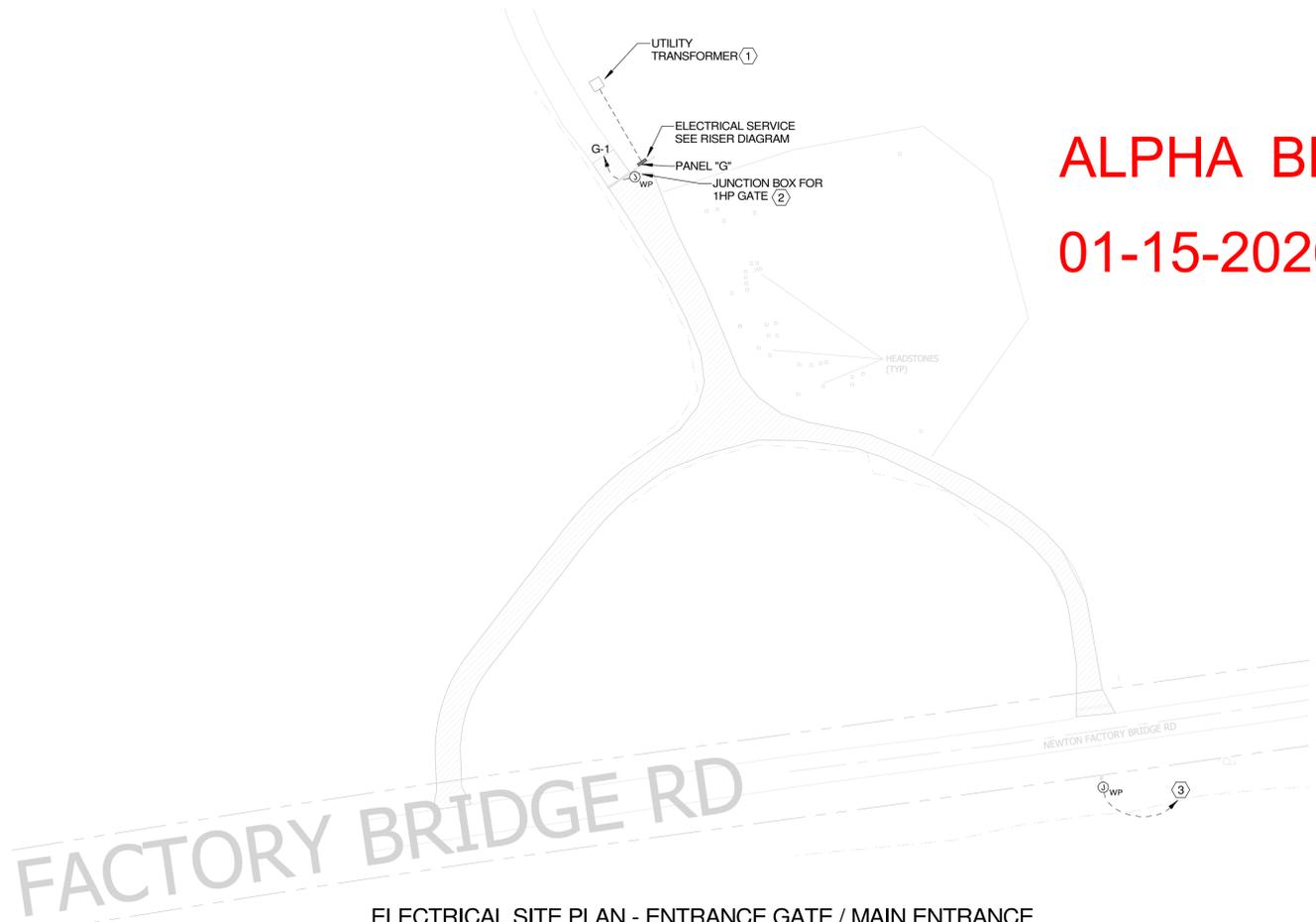


EXTERIOR RECEPTACLE DETAIL
NO SCALE

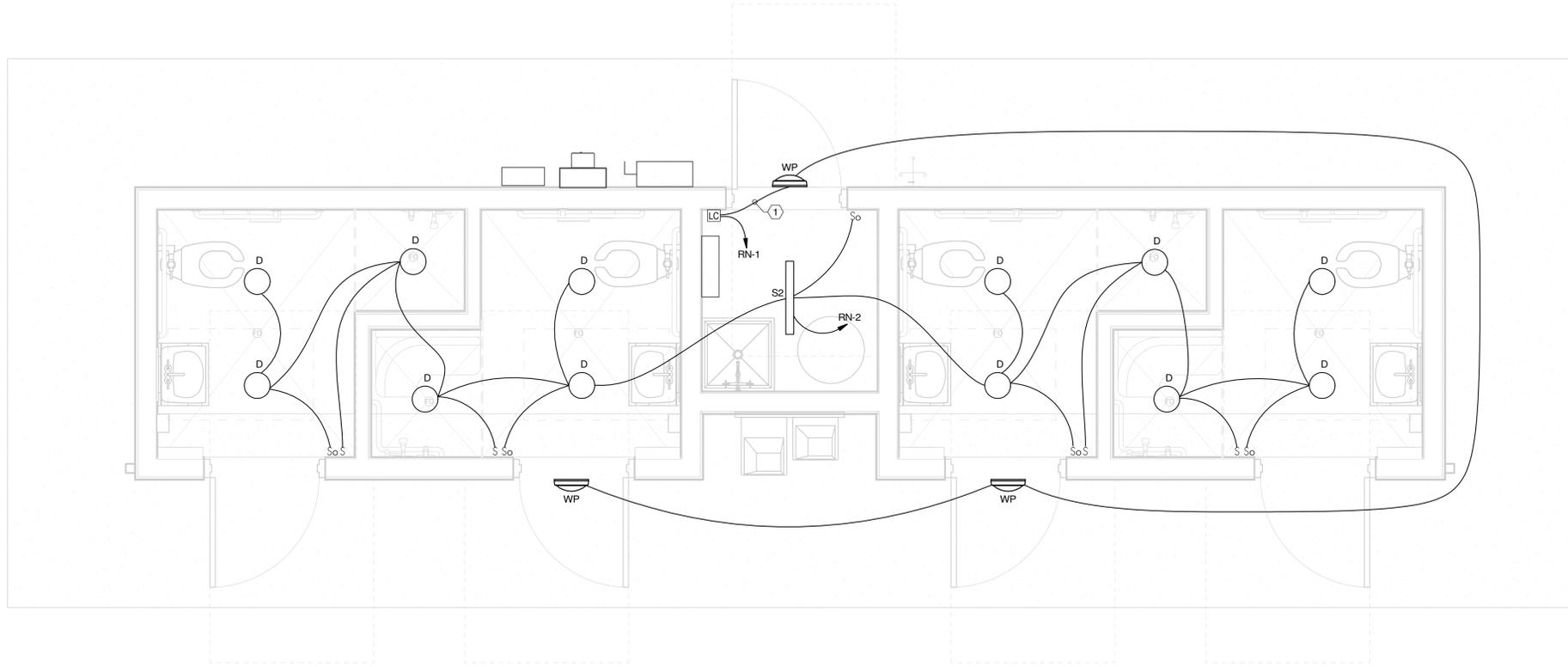
1 ELECTRICAL SITE PLAN - MAIN ENTRANCE SIGNAGE #1
E1.02 SCALE: 1" = 60'-0"



2 ELECTRICAL SITE PLAN - ENTRANCE GATE / MAIN ENTRANCE SIGNAGE #2
E1.02 SCALE: 1" = 60'-0"



ALPHA BLDG SET
01-15-2026

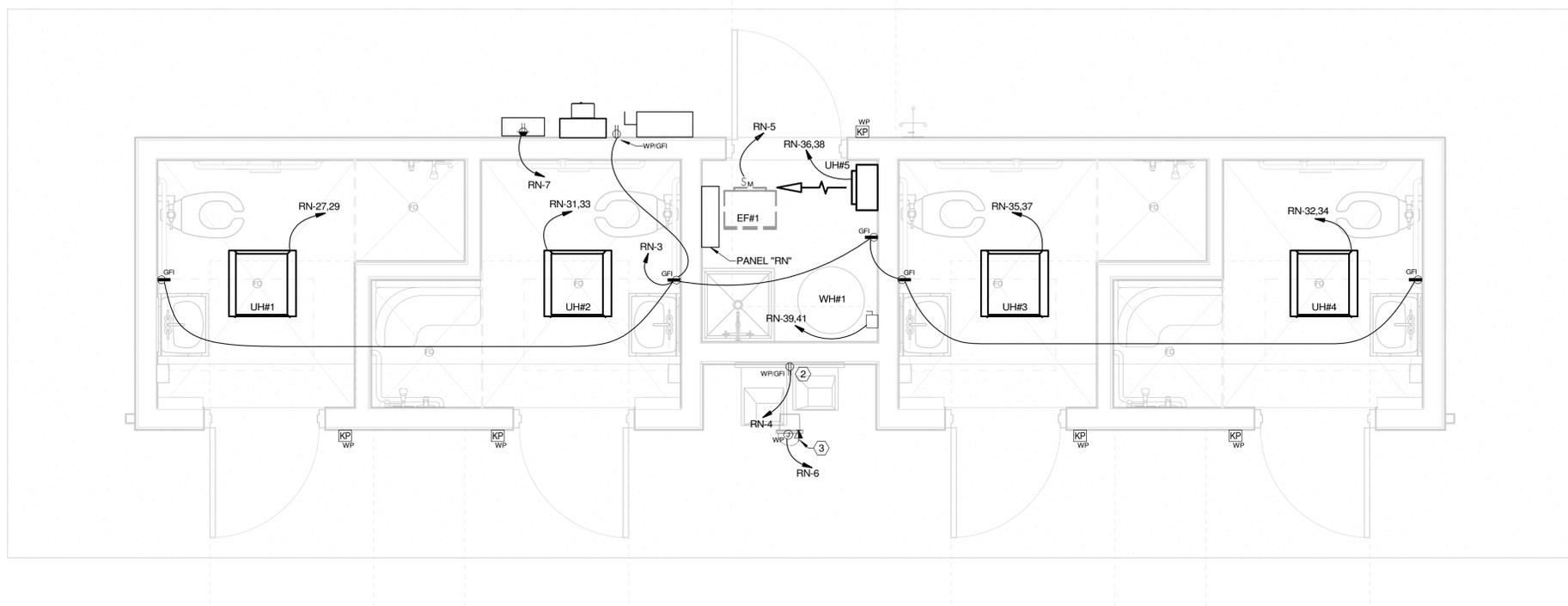


1 LIGHTING PLAN
E2.01N 1/2" = 1'-0"

- 1. ROUTE LIGHTING CIRCUIT THROUGH LIGHTING CONTACTOR "LC-N".
- 2. PROVIDE POWER FOR ELECTRIC FAUCET. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
- 3. PROVIDE POWER AND DATA FOR CAMERA. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH SECURITY VENDOR PRIOR TO ROUGH-IN.

ALPHA BLDG SET
01-15-2026

PLAN KEY NOTES



2 POWER & SYSTEMS PLAN
E2.01N 1/2" = 1'-0"

MECHANICAL EQUIPMENT SCHEDULE (NORTH RESTROOMS)						
UNIT #	UNIT DESCRIPTION	VOLTAGE (V)	PHASE	MCA (A)	MOCP (A)	DISCONNECT
EF#1	EXHAUST FAN (1)	120	1	1.0	20	MOTOR SWITCH
UH#1	UNIT HEATER (2)	240	1	20.8	30	INTEGRAL DISC
UH#2	UNIT HEATER (2)	240	1	20.8	30	INTEGRAL DISC
UH#3	UNIT HEATER (2)	240	1	20.8	30	INTEGRAL DISC
UH#4	UNIT HEATER (2)	240	1	20.8	30	INTEGRAL DISC
UH#5	UNIT HEATER (2)	240	1	20.8	30	INTEGRAL DISC

PLUMBING EQUIPMENT SCHEDULE (NORTH RESTROOMS)						
UNIT #	UNIT DESCRIPTION	VOLTAGE (V)	PHASE	MCA (A)	MOCP (A)	DISCONNECT
WH#1	WATER HEATER	240	1	37.5	50	240/2/60

NOTES:
 (1) EXHAUST FAN TO BE CONTROLLED BY OCCUPANCY SENSOR IN ROOM.
 (2) FLUSH MOUNTED INTEGRAL DISCONNECT SWITCH INCLUDED.

LOSE DESIGN
SPACES FOR LIFE.

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FACTORY SHOALS PARK_NORTHSIDE RESTROOM BUILDING
 PREPARED FOR:
 NEWTON COUNTY, GEORGIA
 GEORGIA
 COVINGTON

SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

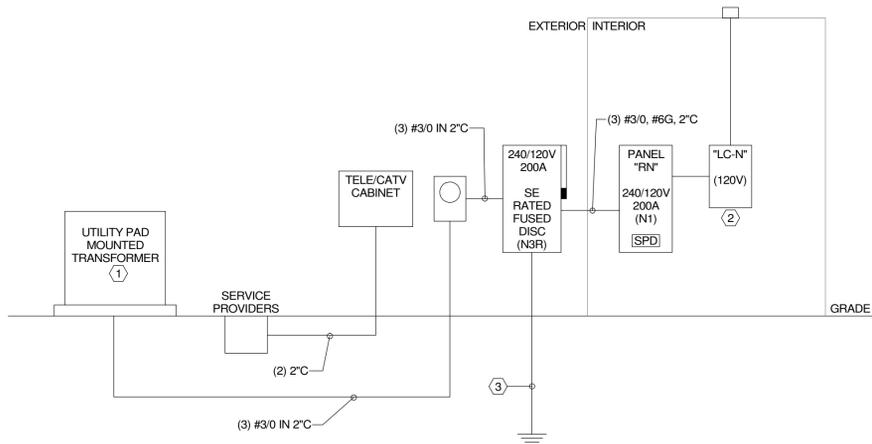
SHEET TITLE
ELECTRICAL PLAN - NORTH RESTROOMS

PROJECT NO. 23042-1 DATE 11/21/2025
 DRAWN BY SEJ SCALE
 CHECKED BY JKM As indicated
 SHEET NO.

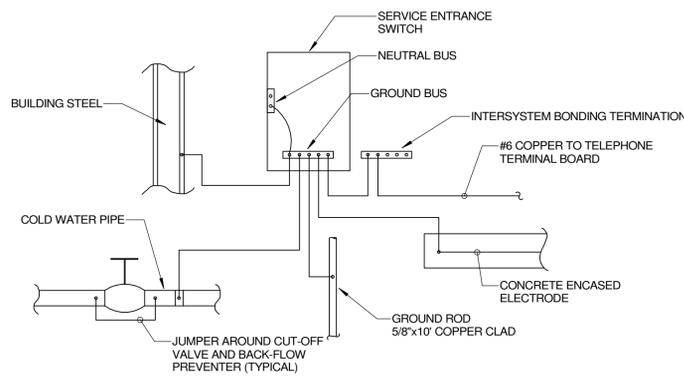
E2.01N

RISER KEY NOTES

- COORDINATE EXACT LOCATION AND ALL REQUIREMENTS OF UTILITY TRANSFORMER WITH LOCAL UTILITY PRIOR TO CONSTRUCTION.
- PROVIDE (4) CIRCUIT TORK W SERIES WITH TORK 2100 SERIES PHOTOCELL OR APPROVED EQUAL.
- SEE SERVICE GROUND DETAIL ON THIS SHEET.



ELECTRICAL RISER DIAGRAM - 240/120V, 1P, 3W, 200A SERVICE
NO SCALE



ELECTRICAL SERVICE GROUND
NO SCALE

BOND ALL INDICATED SYSTEMS THAT ARE PRESENT TO GROUNDING ELECTRODE SYSTEM PER NEC 250.50.
ALL GROUNDING ELECTRODE CONDUCTORS SHALL BE SIZED PER NEC 250.66.

VOLTAGE:		240/120V., 1PH., 3W.		MAIN BKR:		---		BUS:		200 A		A.I.C.:		22K		MOUNTING:		SURFACE		ENCLOSURE RATING:		NEMA 1	
NOTES:																							
CKT	DESCRIPTION	WIRE SIZE	BKR AMPS	A	B	A	B	BKR AMPS	WIRE SIZE	DESCRIPTION	CKT												
1	LTG: EXTERIOR	12	20 A	0.2	0.4			20 A	12	LTG: INTERIOR	2												
3	REC: BLDG	12	20 A		1.2	0.2		20 A	12	REC: FOUNTAIN	4												
5	EF#1	12	20 A	0.2	0.5			20 A	12	CAMERA	6												
7	REC: TTB	12	20 A		0.4		1.5	20 A	12	SEPTIC PUMP	8												
9	SPARE		20 A	0.0	0.0			20 A		SPARE	10												
11	SPARE		20 A	0.0	0.0	0.0		20 A		SPARE	12												
13	SPARE		20 A	0.0	0.0	0.0		20 A		SPARE	14												
15	SPARE		20 A	0.0	0.0	0.0		20 A		SPARE	16												
17	SPACE		--	--	--	--		--		SPACE	18												
19	SPACE		--	--	--	--		--		SPACE	20												
21	SPACE		--	--	--	--		--		SPACE	22												
23	SPACE		--	--	--	--		--		SPACE	24												
25	SPACE		--	--	--	--		--		SPACE	26												
27	UH#1	10	30 A	2.5	2.5					SPACE	28												
29				2.5	--					SPACE	30												
31	UH#2	10	30 A		2.5	2.5		30 A	10	UH#4	32												
33				2.5	2.5	2.5					34												
35											36												
37	UH#3	10	30 A	2.5	2.5	2.5		30 A	10	UH#5	38												
39				2.5	4.5	2.5					40												
41	WH#1	6	50 A	4.5	0.0			30 A	10	SPD	42												
RN																							
LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND...	ESTIMATED DEMAND	PANEL TOTAL LOADS																			
HVAC	34.2	100.00%	34.2	CONNECTED LOAD:	38.6 kVA																		
LIGHTING - GENERAL	0.6	125.00%	0.7	DEMAND FACTOR:	100.36%																		
RECEPTACLE	1.8	100.00%	1.8	ESTIMATED DEMAND:	38.7 kVA																		
POWER	2.0	100.00%	2.0	ESTIMATED CURRENT:	161.3 A																		

GENERAL ELECTRICAL NOTES

- VISIT PROJECT SITE BEFORE SUBMISSION OF BID AND BECOME FAMILIAR WITH EXISTING CONDITIONS, LOCATIONS OF UTILITIES, AND EXTENT OF DEMOLITION REQUIRED.
- COORDINATE INSTALLATION OF NEW SERVICE WITH LOCAL ELECTRIC UTILITY COMPANY. PROVIDE TRENCHING, CONDUIT, METER BASE, CONCRETE PAD, AND OTHER ITEMS AS REQUIRED. INSTALL SERVICE IN ACCORDANCE WITH CURRENT UTILITY COMPANY REQUIREMENTS.
- PROVIDE A 3/4" THICK PLYWOOD TELEPHONE TERMINAL BOARD WITHIN THE TELEPHONE AND CATV CABINETS AND PROVIDE EACH BOARD WITH A #6 COPPER GROUND WIRE TO THE SERVICE ENTRANCE GROUND. WIDTH AND HEIGHT OF BOARDS TO BE PER UTILITY COMPANY'S RECOMMENDATIONS.
- VERIFY ELECTRICAL POWER REQUIREMENTS FOR ALL EQUIPMENT. PROVIDE CIRCUITS AND FUSES SIZED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
- PROVIDE DISCONNECT SWITCH FOR ANY HARDWIRED EQUIPMENT NOT SUPPLIED WITH DISCONNECTING MEANS. DISCONNECT SHALL BE RATED FOR LOCATION INSTALLED.
- REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR LOCATIONS AND CONTROL REQUIREMENTS FOR MECHANICAL EQUIPMENT AND FOR STARTERS, DISCONNECT SWITCHES AND CONVENIENCE RECEPTACLES THAT MAY BE FURNISHED WITH THE EQUIPMENT.
- PROVIDE CONTROL POWER SOURCE FOR ALL STARTERS AND CONTROL PANELS NOT SUPPLIED WITH CONTROL POWER TRANSFORMERS. INSTALL AND CONNECT ALL CONTROL DEVICES IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
- MAINTAIN CODE REQUIRED WORKING CLEARANCE AT ALL ELECTRICAL PANELS, DISCONNECT SWITCHES, AND STARTERS.
- RECEPTACLES LOCATED IN THOSE AREAS DESIGNATED PER NEC 406.12, SHALL BE LISTED AS TAMPER RESISTANT.
- ALL RECEPTACLES ON DEDICATED CIRCUITS SHALL BE RATED NO LESS THAN CIRCUIT OVERCURRENT DEVICE.
- WHERE RECEPTACLES ARE INDICATED IN WALLS THAT SUPPORT CASEWORK, COORDINATE WITH ARCHITECT AND ARCHITECT'S ELEVATION PLANS FOR APPROPRIATE MOUNTING HEIGHTS PRIOR TO ROUGH-IN.
- ALL GROUND-FAULT CIRCUIT-INTERRUPTER RECEPTACLES SHALL BE READILY ACCESSIBLE PER CODE. CONFIRM ACCESSIBILITY PRIOR TO ROUGH-IN. IF NECESSARY SERVE A STANDARD RECEPTACLE WITH AN INTEGRAL GROUND FAULT 20 AMP 1-POLE CIRCUIT BREAKER OR PROVIDE A STAND ALONE GFI DEVICE IN A READILY ACCESSIBLE ADJACENT LOCATION.
- CONFIRM CIRCUITRY REQUIREMENTS OF OWNER FURNISHED EQUIPMENT INCLUDING MOUNTING HEIGHT(S) OF ELECTRICAL CONNECTION(S), RECEPTACLE NEMA CONFIGURATION OR OVERCURRENT PROTECTION SIZE & WIRE SIZE WITH FINAL VENDOR DRAWINGS PRIOR TO ROUGH-IN.
- COORDINATE LOCATIONS OF ALL CEILING MOUNTED LIGHT FIXTURES WITH ARCHITECT'S REFLECTED CEILING PLANS AND ELEVATION DRAWINGS. PROVIDE FIXTURES COMPATIBLE WITH CEILING TYPE INSTALLED.
- EXTERIOR LIGHTING SHALL BE TURNED ON AT DUSK BY A PHOTOCELL, AND TURNED OFF AT A PRESET TIME BY A TIMSWITCH. PHOTOCELL SHALL BE MOUNTED ON BUILDING NEAR ROOF. TIMSWITCH SHALL BE MOUNTED ADJACENT TO ELECTRICAL PANEL. TIMSWITCH SHALL BE SEVEN DAY WITH RESERVE POWER. FOR MULTIPLE CIRCUIT APPLICATION, PROVIDE MECHANICALLY HELD CONTACTOR WITH APPROPRIATE QUANTITY OF POLES.
- COORDINATE LOCATION OF LIGHTS IN EQUIPMENT AND MECHANICAL ROOMS WITH INSTALLED EQUIPMENT SO THAT ALL GAUGES, SWITCHES, AND SERVICE LOCATIONS ARE ILLUMINATED.
- CONTRACTOR SHALL PROVIDE COMMISSIONING BY MANUFACTURER FOR ALL LIGHTING CONTROL SYSTEMS. COMMISSIONING AGENT SHALL PROVIDE WRITTEN REPORT INDICATING THAT THE LIGHTING SYSTEM HAS BEEN TESTED TO ENSURE LIGHTING CONTROL IS FUNCTIONING ACCORDING TO CONSTRUCTION DOCUMENTS AND MANUFACTURER'S INSTRUCTIONS PRIOR TO FINAL INSPECTION. FUNCTIONAL TESTING SHALL BE DONE IN ACCORDANCE WITH 2018 IECC SECTIONS C408.3.1.1 TO C408.3.1.2. WRITTEN REPORT SHALL BE PROVIDED TO THE OWNER, THE ELECTRICAL ENGINEER, AND THE AUTHORITY OF JURISDICTION.
- PROVIDE UL LISTED TECHNIQUES FOR PENETRATIONS OF RATED WALL AND CEILING WITH CONDUIT OR OPEN WIRING. SEE ARCHITECTURAL DRAWINGS FOR WALL AND CEILING RATINGS.
- INSTALL FIRE RATED ELECTRICAL BOXES LOCATED ON OPPOSITE SIDES OF RATED WALLS SUCH THAT THEY ARE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES MINIMUM.
- ELECTRICAL BOXES WITHIN RATED WALLS AND CEILINGS MUST BE INSTALLED TO MAINTAIN THE RATING OF THE WALL OR CEILING. BOXES ON OPPOSITE SIDES OF RATED WALLS MAY BE A UL LISTED FIRE RATED BOX INSTALLED PER UL LISTING OR METAL BOXES BE SEPARATED BY 24 INCHES. IF BOXES ON OPPOSITE SIDES OF RATED WALLS ARE INSTALLED LESS THAN 24 INCHES APART THEY MUST BE WRAPPED WITH MANUFACTURER INSTALLED OR FIELD INSTALLED INTUMESCENT PUTTY PAD.
- WHERE LIGHT SWITCHES OR DIMMER SWITCHES ARE INDICATED IN A SPACE (ROOM OR CORRIDORS) THAT ALSO CONTAINS CEILING MOUNTED OCCUPANCY SENSOR(S), THE SWITCH(ES) AND OCCUPANCY SENSOR(S) ASSOCIATED WITH THE SPACE MUST WORK TOGETHER SUCH THAT THE OCCUPANCY SENSOR(S) AUTOMATICALLY TURN OFF THE LIGHTING 15 MINUTES AFTER THE LAST OCCUPANT HAS LEFT THE SPACE. WHERE LIGHT FIXTURES WITHIN THE SPACE ARE SERVED FROM DIFFERENT CIRCUITS, PROVIDE RELAYS AS REQUIRED FOR APPROPRIATE OCCUPANCY SENSOR CONTROL INTERFACE TO MEET INTENT.
- WHERE DIMMING SWITCHES ARE INDICATED, COORDINATE/CONFIRM THAT SWITCHES ARE COMPATIBLE WITH THE TYPE OF DIMMING DRIVER BEING UTILIZED (I.E. 0-10V, ELV, MLV, ETC.)
- RESTROOM OCCUPANCY SENSORS SHALL CONTROL LIGHTING AND EXHAUST FAN TOGETHER. FAN SHALL RUN WHEN EITHER RESTROOM IS OCCUPIED. PROVIDE ADDITIONAL RELAYS FOR SEPARATE CIRCUITS OR DIFFERENT VOLTAGES.
- PROVIDE SURGE PROTECTIVE DEVICES (SPD) AT PANELBOARDS AS INDICATED. SPD EQUIPMENT TO BE RATED FOR 100,000 AMPS PER PHASE SURGE AT PANELBOARDS. CLAMPING VOLTAGE TO BE 600 VOLTS ON 120/208 VOLTS. SURGE MODULES SHALL BE REPLACEABLE (APPROVED MANUFACTURER IS ERICO MODEL TDX100S120208 OR EQUAL) IN THE EVENT MODULE IS MOUNTED SEPARATELY/ADJACENT TO PANEL, PROVIDE NEMA 3R ENCLOSURE FOR MODULE.
- STUB FOUR EMPTY 1" CONDUITS FROM JUNCTION BOXES ADJACENT TO PANEL "RN" AND PANEL "RS" TO 24" BELOW GRADE AND THREE FEET OUTSIDE BUILDING AT NEAREST EXTERIOR WALL FOR FUTURE USE.

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	DIMMING TYPE	COLOR TEMP	WATTS	VOLTS	MANUFACTURER	MODEL
D	LED VANDAL RESISTANT RECESSED ROUND DOWNLIGHT, 6", 2000 LUMENS, WET LOCATION LISTED, VANDAL / HIGH ABUSE OPEN HOUSING	0-10V	4000K	23W	UNV	FAIL-SAFE	FDD6CX SERIES
S2	LED SURFACE 2' STRIP LIGHT, 2680 LUMENS, DAMP LOCATION LISTED	PHASE	4000K	22W	UNV	METALUX	SLSTP LENSED SERIES
WP	LED VANDAL RESISTANT ROUND WALL PACK, 1155 LUMENS, WET LOCATION LISTED, OPAL FOUR QUADRANT POLYCARBONATE LENS	N/A	4000K	25W	UNV	FAIL-SAFE	TRF11 SERIES

NOTES:
 1. PRIOR TO BID/INSTALLATION, COORDINATE WITH ARCH-OWNER FOR ACCEPTABLE LOCATIONS OF REMOTE DRIVERS FOR THOSE LIGHT FIXTURES REQUIRING THEM.
 2. ALL FIXTURES TO BE SUPPLIED WITH LED LAMPS.
 3. FIXTURES SHALL BE COMPATIBLE WITH CEILING TYPE. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING FIRE RATING.
 4. ALL FIXTURES INSTALLED IN AN INSULATED CEILING SHALL BE I. C. RATED.
 5. "UNV" INDICATES THE FIXTURE DRIVER APPROPRIATE FOR EITHER 120V OR 277V.

ELECTRICAL LEGEND

COORDINATE WITH ARCHITECT/OWNER'S REP FOR CONFIRMATION OF DEVICE MOUNTING HEIGHT PRIOR TO ROUGH-IN. TYPICAL FOR ALL LIGHT SWITCHES (INCLUDING DIMMERS AND OCCUPANCY/VACANCY SENSORS), BUTTON/CONTROL STATIONS AND FIRE ALARM PULL STATIONS WHERE APPLICABLE.

- CONDUIT RUN CONCEALED IN WALL, CEILING, OR FLOOR
- CONDUIT RUN, CONCEALED IN FLOOR OR UNDERGROUND
- CONDUIT RUN, INSTALLED EXPOSED
- HOMERUN TO PANEL INDICATED
- RECEPTACLE, DUPLEX, 120V, 15A. UNO, @ 18" AFF TO BOTTOM
- RECEPTACLE, DUPLEX, 120V, 15A. UNO, SMH
- RECEPTACLE, QUADRAPLEX, 120V, 15A. UNO, @ 18" AFF TO BOTTOM
- RECEPTACLE, QUADRAPLEX, 120V, 15A. UNO, SMH
- RECEPTACLE, SINGLE, 250V, AMPS AS NOTED, @ 18" AFF TO BOTTOM
- JUNCTION BOX, SIZE AS REQUIRED
- SWITCH, SINGLE POLE, 120/277V, 20A, 46" AFF TO TOP OF DEVICE.
- SWITCH, THREE WAY, 120/277V, 20A, 46" AFF TO TOP OF DEVICE
- DIMMING SWITCH, 120/277V, WALL MOUNTED DECORA STYLE, 46" AFF TO TOP OF DEVICE. CONFIRM DIMMING SWITCH IS COMPATIBLE WITH TYPE DIMMING OF ASSOCIATED LIGHT FIXTURE(S). (0-10V, ELV, MLV, ETC.)
- OCCUPANCY SENSOR SWITCH, PASSIVE INFRARED, 120V, WALL MOUNTED 46" AFF TO TOP OF DEVICE, WATTSTOPPER WA-200
- COMBINATION OCCUPANCY SENSOR/DIMMING SWITCH, DUAL TECHNOLOGY, 0-10V DIMMING, 120V, WALL MOUNTED 46" AFF TO TOP OF DEVICE, WATTSTOPPER DW-311
- LIGHTING LOW VOLTAGE TOUCHSCREEN, WATTSTOPPER, PROVIDE SWITCH COMPATIBLE TO ROOM CONTROLLER, "B" DENOTES QUANTITY OF BUTTONS AND "F" DENOTES ZONE CONFIGURATION
- 4" x 4" TEL-DATA OUTLET BOX W/1" C STUBBED TO ABOVE CEILING, MOUNTED @ 18" AFF TO BOTTOM OF BOX.
- 4" x 4" TEL-DATA OUTLET BOX W/1" C STUBBED TO ABOVE CEILING, MOUNTED @ SPECIAL HEIGHT.
- ACCESS KEYPAD WITH BATTERIES AND OCCUPANCY INDICATOR DEAD BOLT. SARGENT KP-10 AND 468 SERIES AS SPECIFICATIONS INDICATE
- LIGHTING FIXTURES SEE FIXTURE SCHEDULE
- DISCONNECT SWITCH, NON-FUSED, DESCRIBED BY: VOLTAGE RATING/NO. OF POLES/SWITCH SIZE IN AMPS
- DISCONNECT SWITCH, FUSED, DESCRIBED BY: VOLTAGE RATING/NO. OF POLES/FUSE SIZE IN AMPS
- SWITCH, MOTOR STARTING, MANUAL, SIZE AS REQUIRED
- MOTOR STARTER, MAGNETIC, SIZE AS REQUIRED
- MOTOR, SEE PANEL SCHEDULE FOR SIZE AND SERVICE
- PHOTOCELL
- REFER TO ELECTRICAL DESIGN KEY NOTE INDICATED
- REFER TO GENERAL ELECTRICAL NOTE INDICATED
- TRANSFORMER, SIZE AS NOTED
- SURGE PROTECTIVE DEVICE
- LIGHTING CONTACTOR - RATED VOLTAGE/POLES/AMP RATING
- PUSHBUTTON STATION - @ 46" AFF TO TOP OF DEVICE

ABBREVIATIONS:

- AC AIR CONDITIONER
- AFF ABOVE FINISHED FLOOR
- AFG ABOVE FINISHED GRADE
- AHU AIR HANDLING UNIT
- CLG CEILING
- CU CONDENSING UNIT
- EF EXHAUST FAN
- EX EXISTING
- ETR EXISTING TO REMAIN
- GFI GROUND FAULT INTERRUPTER
- MTD MOUNTED
- TTB TELEPHONE TERMINAL BOARD
- PAU PACKAGED AIR UNIT
- SMH SPECIAL MOUNTING HEIGHT (4" TO BOTTOM OF DEVICE ABOVE CASEWORK/BACKSPLASH OR 46" TO TOP OF DEVICE AFF IF NO CASEWORK/BACKSPLASH)
- UNO UNLESS NOTED OTHERWISE
- XFMR TRANSFORMER
- WH WATER HEATER
- WP WEATHERPROOF - WHILE IN USE
- WR WEATHERPROOF - WHILE NOT IN USE

SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

SHEET TITLE

ELECTRICAL LEGEND, NOTES, RISER & SCHEDULES

PROJECT NO. 23042-1	DATE 11/21/2025
DRAWN BY SEJ	SCALE As indicated
CHECKED BY JKM	SHEET NO.

COMcheck Software Version 4.1.5.5
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
 Project Title: Factory Shoals North and South Restrooms
 Project Type: New Construction

Construction Site: Covington, GA
 Owner/Agent: Designer/Contractor:

Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
 Reduced Lighting Power, 1.0 credit

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts (B X C)
1-North Restroom (Retail)	288	1.13	327
2-South Restroom (Retail)	288	1.13	327
Total Allowed Watts = 653			

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-North Restroom (Retail)				
LED 1: D: DOWNLIGHT: Other:	1	12	23	276
LED 2: S2: 2' STRIP: Other:	1	1	22	22
2-South Restroom (Retail)				
LED 1: D: DOWNLIGHT: Other:	1	8	23	184
LED 2: S2: 2' STRIP: Other:	1	1	22	22
Total Proposed Watts = 504				

Interior Lighting PASSES: Design 23% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Kyle McKinney - Electrical PE
 Name - Title Signature Date 11/21/2025

Project Title: Factory Shoals North and South Restrooms Report date: 11/18/25
 Data filename: Z:\2025\25189_Comcheck\25189 Comcheck Report.cck Page 1 of 7

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.1 [EL15]¹	Lighting controls installed to uniformly reduce the lighting load by at least 50%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1 [EL18]¹	Occupancy sensors installed in required spaces.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.2.1 [EL23]²	Independent lighting controls installed per approved lighting plans and all manual controls readily accessible and visible to occupants.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.2.1 [EL22]²	Automatic controls to shut off all building lighting installed in all buildings.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Lighting controlled by occupancy sensors.
C405.2.3 [EL16]²	Daylight zones provided with individual controls that control the lights independent of general area lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C405.2.3.1 [EL20]¹	Primary sidelighted areas are equipped with required lighting controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C405.2.3.2 [EL20]¹	Enclosed spaces with daylight area under skylights and rooftop monitors are equipped with required lighting controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C405.2.4 [EL4]¹	Separate lighting control devices for specific uses installed per approved lighting plans.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.4 [EL8]¹	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.5 [EL25]¹	Automatic lighting controls for exterior lighting installed. Controls will be daylight controlled, set based on business operation time-of-day, or reduce connected lighting > 30%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.3 [EL6]¹	Exit signs do not exceed 5 watts per face.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: Factory Shoals North and South Restrooms Report date: 11/18/25
 Data filename: Z:\2025\25189_Comcheck\25189 Comcheck Report.cck Page 4 of 7

COMcheck Software Version 4.1.5.5
Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
 Project Title: Factory Shoals North and South Restrooms
 Project Type: New Construction
 Exterior Lighting Zone: 2 (Residential mixed use area (LZ2))

Construction Site: Covington, GA
 Owner/Agent: Designer/Contractor:

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B X C)
Other door (not main entry)	15 ft of door	20	Yes	300
		Total Tradable Watts (a) = 300		
		Total Allowed Watts = 300		
		Total Allowed Supplemental Watts (b) = 600		

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.
 (b) A supplemental allowance equal to 600 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Other door (not main entry) (15 ft. of door width): Tradable Wattage				
LED 1: WP: Wall Pack: Other:	1	3	25	75
Total Tradable Proposed Watts = 75				

Exterior Lighting PASSES: Design 92% better than code

Exterior Lighting Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Kyle McKinney - Electrical PE
 Name - Title Signature Date 11/21/2025

Project Title: Factory Shoals North and South Restrooms Report date: 11/18/25
 Data filename: Z:\2025\25189_Comcheck\25189 Comcheck Report.cck Page 2 of 7

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: Factory Shoals North and South Restrooms Report date: 11/18/25
 Data filename: Z:\2025\25189_Comcheck\25189 Comcheck Report.cck Page 5 of 7

COMcheck Software Version 4.1.5.5
Inspection Checklist

Energy Code: 2015 IECC

Requirements: 100.0% were addressed directly in the COMcheck software
 Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR4]¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C103.2 [PR8]¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the exterior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include exterior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C406 [PR9]¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the additional energy efficiency package options.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: Factory Shoals North and South Restrooms Report date: 11/18/25
 Data filename: Z:\2025\25189_Comcheck\25189 Comcheck Report.cck Page 3 of 7

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3, C408.2.5.2 [F17]²	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.4.1 [F18]¹	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Interior Lighting fixture schedule for values.
C405.5.1 [F19]¹	Exterior lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Exterior Lighting fixture schedule for values.
C408.2.5.1 [F16]³	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.3 [F13]¹	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: Factory Shoals North and South Restrooms Report date: 11/18/25
 Data filename: Z:\2025\25189_Comcheck\25189 Comcheck Report.cck Page 6 of 7

LOSE DESIGN
 SPACES FOR LIFE.

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 NASHVILLE, TENNESSEE
 PARSONSENGINEERING.COM

FACTORY SHOALS PARK_NORTHSIDE RESTROOM BUILDING

PREPARED FOR:
 NEWTON COUNTY, GEORGIA

COVINGTON

SUBMITTALS / REVISIONS

NO	DATE	DESCRIPTION

SHEET TITLE

LIGHTING COMCHECK REPORTS

PROJECT NO: 23042-1
 DATE: 11/21/2025
 DRAWN BY: SEJ
 CHECKED BY: JKM
 SHEET NO:

E3.02N

ALPHA BLDG SET 01-15-2026