Addendum No. 8

To: Prospective Bidders

From: Shannon McIntyre
City of Mobile Architectural Engineering Department

Re: Mims Park – Athletic Restrooms and Concessions

Project #PR-048-24B

Date: January 14, 2025

This Addendum forms a part of, and modifies, the Request for Bids, for the above referenced project, dated October 16, 2024. Acknowledge the receipt of this Addendum No. 8, and all subsequent addenda, in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

General:

Item 1. The attached Plan Set includes all subsequent addendum changes. Attached set shall be used as the Bid Plans.

Item 2. Bid date shall remain January 29, 2025. All other bidding requirements shall remain the same as well.

RFI:

Q: Per Specification section 087100 – Cores shall be CORMAX Patented 7Pin. Will an equal Schlage product be acceptable?

A: An equal Schlage product will be accepted

END OF ADDENDUM NO. 8

MOBILE ALABAMA

MIMS PARK CONCESSION STAND & RESTROOMS

MOBILE, AL - PROJECT # PR-048-24B

GENERAL NOTES:

1. PRIOR TO BIDDING, THE CONTRACTOR SHALL VISIT SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS AND WITH THE CONTRACT DOCUMENTS ANY QUESTIONS OR DISCREPANCIES REGARDING THE NATURE OR INTENT OR THE WORK SHALL BE DIRECTED TO THE LANDSCAPE ARCHITECT PRIOR TO BIDDING.
2. ALL DEMOLITION AND REMOVAL WORK SHALL BE EXECUTED IN CONFORMANCE WITH ALL CODES AND ORDINANCES AS SET FORTH BY ALL GOVERNING AUTHORITIES.
3. CONTRACTOR IS RESPONSIBLE FOR ALL SAFETY ON THE PROJECT, AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN SAFE WORKING CONDITIONS. SITE SHALL BE SECURED, AS REQUIRED, TO PREVENT UNAUTHORIZED ACCESS TO THE WORK.
4. CARE SHOULD BE TAKEN AT INTERFACE BETWEEN DEMOLITION AND EXISTING CONSTRUCTION TO REMAIN. THIS CARE IS TO AVOID ANY DAMAGE TO EXISTING CONSTRUCTION TO REMAIN, AND TO UTILITIES, WHICH SERVES THAT CONSTRUCTION. THE CONTRACTOR SHALL CORRECT ALL DAMAGE CAUSED BY HIS WORKMEN, AT NO ADDITIONAL COST TO THE OWNER.
5. THE CONTRACTOR SHALL NOTIFY, COORDINATE, SCHEDULE AND RECEIVE PERMISSION FROM THE OWNER PRIOR TO ANY SHUT DOWN OF THE SITE AND/OR BUILDING UTILITIES AS REQUIRED TO COMPLETE THE WORK. NOTIFICATION SHALL INCLUDE THE LENGTH OF TIME REQUIRED TO SHUT DOWN, LENGTH OF TIME SERVICE WILL BE DISCONNECTED, AND TIME REQUIRED TO RECONNECT SERVICES.
6. THE CONTRACTOR SHALL CONFORM TO CITY OF MOBILE REQUIREMENTS FOR THE PROTECTION OF ALL TREES TO REMAIN ON SITE.
7. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS BY CITY OF MOBILE, INCLUDING BUT NOT LIMITED TO SIGNAGE AND TREE TRIMMING/REMOVAL PERMITS.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS AND METHODS, INCLUDING SHORING, BRACING, AND SEQUENCING NECESSARY FOR PROPER COMPLETION OF THE PROJECT.

STORMWATER EROSION CONTROL NOTE:

THE CONTRACTOR MUST OBTAIN AND SIGN A STORM WATER EROSION CONTROL AGREEMENT WITH THE CITY OF MOBILE. THE CONTRACTOR IS RESPONSIBLE FOR ABIDING BY ADEM REGULATIONS THROUGHOUT THE CONSTRUCTION OF THE PROJECT, AND MUST UNDERSTAND THAT THE CITY WILL ISSUE A STOP WORK ORDER AT ANY TIME THESE MEASURES ARE NOT IN COMPLIANCE UNTIL THE SITE IS IN COMPLIANCE. THE CONTRACTOR SHOULD OBTAIN A COPY OF THESE PRIOR TO BID, SO THAT REQUIREMENTS ARE KNOWN.

TRAFFIC CONTROL, SAFETY ITEMS:

CONTRACTOR SHALL ERECT ALL WARNING SIGNS, AND PROVIDE THE APPROPRIATE PERSONNEL, IF REQUIRED, AND ALL OTHER ITEMS REQUIRED TO SAFELY HANDLE VEHICULAR AND PEDESTRIAN TRAFFIC THROUGH WORK AREA. CONTRACTOR MUST COORDINATE THIS ACTIVITY WITH THE CITY OF MOBILE TRAFFIC CONTROL DEVICES SHALL BE PROVIDED BY THE CONTRACTOR. TRAFFIC CONTROL DEVICES PROVIDED MUST COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION. CONTRACTOR SHALL UNDERTAKE AND MAINTAIN ADEQUATE SAFETY MEASURES AS AND WHEN NECESSARY TO PROTECT EXISTING ROADS, STREETS, AND WALKWAYS FROM DAMAGE BY VEHICULAR TRAFFIC AND/OR HEAVY EQUIPMENT.

3

SHEET INDEX

PROJECT CONSULTANTS:

CIVIL & STRUCTURAL ENGINEER:
MOTT MACDONALD
200 W GARDEN ST #700
PENSACOLA, FL 32502
850.484.6011

ARCHITECT:
MOTT MACDONALD
107 ST FRANCIS ST #2900
MOBILE, AL 36602
228.374.1409

MECHANICAL ENGINEER:
SMITH MECHANICAL
7150 CHARLANDA CT.
MOBILE, AL 36695
251.402.1364

ELECTRICAL CONSULTANT:
DELL CONSULTING
813 DOWNTOWN BOULEVARD | SUITE D
MOBILE, AL 36609
251.316.0015

1 10/17/2024
2 ADDENDUM 4 | 11/7/2024
3 ADDENDUM 7 | 01/10/2025

811 Know what's below. Call before you dig.

CHRISTIANPREUS Landscape Architecture
www.cpladesignplanning.com

COVER SHEET FOR:
CITY OF MOBILE - MIMS PARK CONCESSIONS
MOBILE, AL

SCALE: NOT TO SCALE

STATE OF ALABAMA
CHRISTIAN PREUS
REGISTERED LANDSCAPE ARCHITECT

DATE: JAN 2025

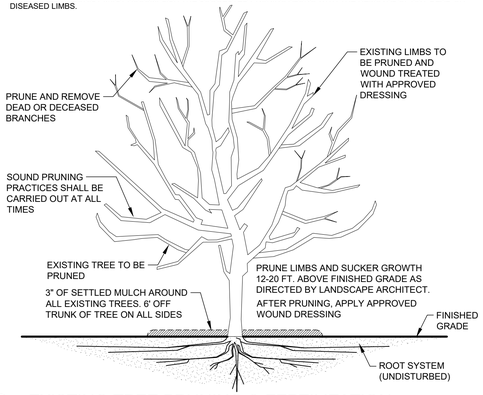
REFERENCE NOTES SCHEDULE

CODE	DESCRIPTION	QTY	DETAIL				
Demolition							
D-101	REMOVE EXISTING VEGETATION						
D-102	DEMO EXISTING BUILDING						
D-103	DEMO EXISTING CONCRETE						
D-104	DEMO EXISTING ASPHALT	4 783 SF					
D-107	RETAIN EXISTING CONCRETE DRIVE FOR CONSTRUCTION TRAFFIC FOR DURATION OF PROJECT; REMOVE BEFORE PROJECT COMPLETION						
D-111	DEMO EXISTING CURB & GUTTER WITHIN LIMITS OF ASPHALT DEMOLITION						
CODE	DESCRIPTION	QTY	DETAIL	FENCE TYPE	FENCE HEIGHT	REINFORCEMENT	POST TYPE
EROSION CONTROL							
EC-101	SILT FENCE	910 LF	3/MD100	SILT FENCE	32" MIN.	6X6 WIRE	WOOD (PER DETAIL)
EC-102	INLET PROTECTION		4/MD100	N/A	N/A	PER DETAIL	PER DETAIL
EC-103	12" WATTLE AND/OR HAY BALES			N/A	N/A	N/A	PER DETAIL
CODE	DESCRIPTION	QTY	DETAIL	MATERIAL	SIZE	DEPTH	FABRIC TYPE
Rock							
K-101	STABILIZED CONSTRUCTION ENTERANCE (SCE)	15.8 CY	5/MD100	ALDOT #1 LIMESTONE	3" - 4"	6"	4OZ. NON-WOVEN
CODE	DESCRIPTION	QTY	DETAIL	FENCE TYPE	FENCE HEIGHT	REINFORCEMENT	POST TYPE
DEMOLITION NOTES							
TP-101	TREE PROTECTION	248 LF	2/MD100	CONSTRUCTION FENCE (TYP.)	4` -0"	N/A	STEEL T-POST (PER DETAIL)

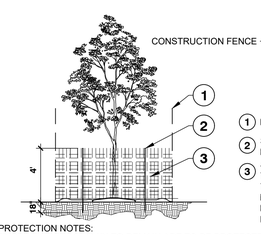
NOTE: QUANTITIES SHOWN IN THE "REFERENCE NOTES SCHEDULE" ARE SOLELY FOR THE CONVENIENCE OF THE LANDSCAPE CONTRACTOR. CONTRACTOR TO VERIFY QUANTITIES SHOWN ON THE "DEMOLITION & EROSION CONTROL PLAN" AGAINST THOSE SHOWN IN THE "REFERENCE NOTES SCHEDULE", AND INSTALL THOSE QUANTITIES SHOWN ON THE "DEMOLITION & EROSION CONTROL PLAN".

DRAINAGE & UTILITY INSTALLATION NOTES:
ALL DRAINAGE & UTILITY WORK WITHIN THE DRIPLINE OF A TREE SHALL BE INSTALLED WITH AN "AIR SPADE" AND BY HAND TO AVOID ALL DAMAGE TO ROOTS. NO MACHINERY SHALL BE USED WITHIN THE DRIPLINE. THE CONTRACTOR SHALL NOT HARM THE TREE OR THE TREES' ROOTS IN ANY WAY SHAPE OR FORM. IF DRAINAGE AND/OR UTILITY LINES AND ANY ASSOCIATED INFRASTRUCTURE MUST BE REROUTED TO AVOID CONFLICTS WITH ROOTS, THE CONTRACTOR SHALL COORDINATE WITH THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION FOR PROPOSED ADJUSTMENTS.

EXISTING TREE NOTES:
1. ***PRE AND POST CONSTRUCTION FERTILIZATION OF EVERY EXISTING TREE SHALL*** BE ACCOMPLISHED BY THE CONTRACTOR BY METHODS USED BY NATIONAL TREE PRESERVATION 662-269-2414 OR APPROVED EQUAL. PROOF OF TREATMENTS ON ALL TREES SHALL BE REQUIRED IN ORDER TO RECEIVE SUBSTANTIAL COMPLETION.
2. CONTRACTOR SHALL COORDINATE WITH THE CITY OF MOBILE REGARDING ANY PERMITS FOR TREE PRUNING.
3. THIS DETAIL IS FOR ALL EXISTING TREES IN THE PROJECT AREA - COORDINATE WITH OWNER'S REPRESENTATIVE IN THE FIELD PRIOR TO PRUNING.
4. A CERTIFIED ARBORIST MUST ACCOMPLISH THE SUGGESTED PRUNING ALONG WITH THE REMOVAL OF ANY DEAD OR DISEASED LIMBS.



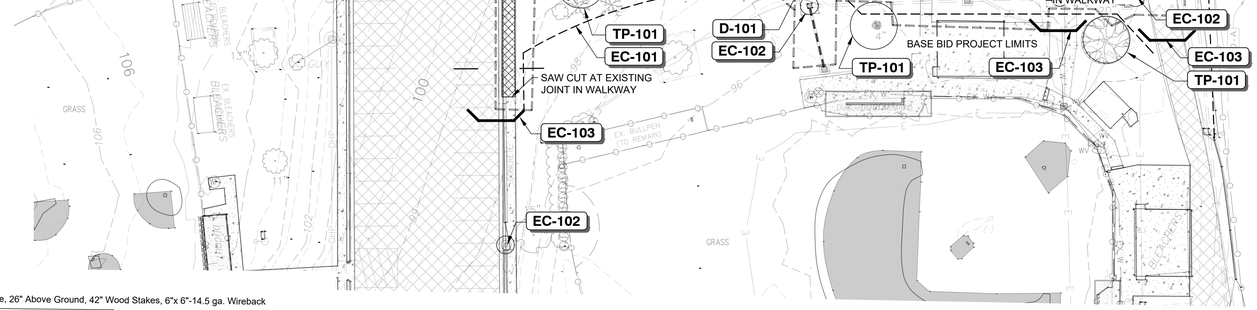
1 EXISTING TREE PRUNING & FERTILIZATION
NOT TO SCALE — P-CP-TRE-02



1. DRIP LINE
2. SET METAL "T" POST @ 6'-0" O.C. AS FENCE SUPPORTS
3. 4'-0" HEIGHT CONSTRUCTION FENCE AT THE DRIP LINE OF ALL EXISTING TREES TO BE PROTECTED. IF FENCING CAN NOT BE LOCATED AT DRIP LINE AREA, EQUIVALENT TO THE SIDE OF THE DRIP LINE MUST BE PROTECTED.

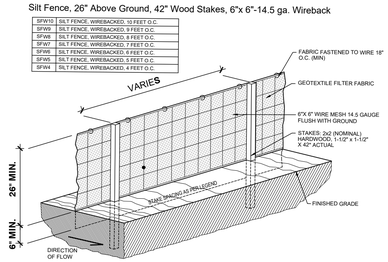
TREE PROTECTION NOTES:
1. EXISTING TREES SHOWN TO REMAIN ARE TO BE PROTECTED DURING CONSTRUCTION. CONSTRUCTION FENCING (MIN. 4'-0") SHALL BE INSTALLED AT THE DRIP LINE OF ALL TREES OR TREE GROUPS TO REMAIN BEFORE ANY SITE DEVELOPMENT ACTIVITY TAKES PLACE. PARKING OF VEHICLES, EQUIPMENT OR PERFORMING WORK WITHIN THESE AREAS OTHER THAN SHOWN ON THE PLAN IS NOT PERMITTED. THE TREE PROTECTION SHALL REMAIN DURING CONSTRUCTION.
2. DISPOSAL OF ANY WASTE MATERIAL SUCH AS, BUT NOT LIMITED TO, PAINT, ASPHALT, OIL SOLVENTS, CONCRETE, MORTAR, ETC. WITHIN THE CANOPY AREA OF THE EXISTING TREES IS NOT PERMITTED
3. NO ATTACHMENTS OR WIRES OF ANY KIND, OTHER THAN THOSE OF PROTECTIVE NATURE, SHALL BE ATTACHED TO ANY TREE.
4. NO FILL OR EXCAVATION OF ANY NATURE SHALL OCCUR WITHIN THE DRIP LINE OF A TREE TO BE PRESERVED, UNLESS THERE IS A SPECIFIED WELL OR RETAINING WALL SHOWN ON THE GRADING PLAN.
5. NO MATERIALS SHALL BE STORED WITHIN THE DRIP LINE AREA OF A TREE TO BE PRESERVED.
6. CONTRACTOR IS RESPONSIBLE FOR SUPPLEMENTAL WATERING OF ALL TREES UNDER TREE PROTECTION FOR THE DURATION OF THE PROJECT UNTIL SUBSTANTIAL COMPLETION IS ISSUED.

2 TREE PROTECTION DETAIL
N.T.S. — P-MR-ERO-02



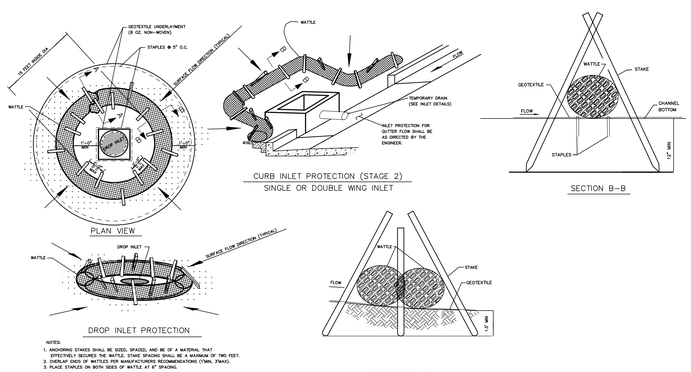
Silt Fence, 26" Above Ground, 42" Wood Stakes, 6"x 6"-14.5 ga. Wireback

SFW10	SILT FENCE, WIREBACKED, 10 FEET O.C.
SFW9	SILT FENCE, WIREBACKED, 9 FEET O.C.
SFW8	SILT FENCE, WIREBACKED, 8 FEET O.C.
SFW7	SILT FENCE, WIREBACKED, 7 FEET O.C.
SFW6	SILT FENCE, WIREBACKED, 6 FEET O.C.
SFW5	SILT FENCE, WIREBACKED, 5 FEET O.C.
SFW4	SILT FENCE, WIREBACKED, 4 FEET O.C.

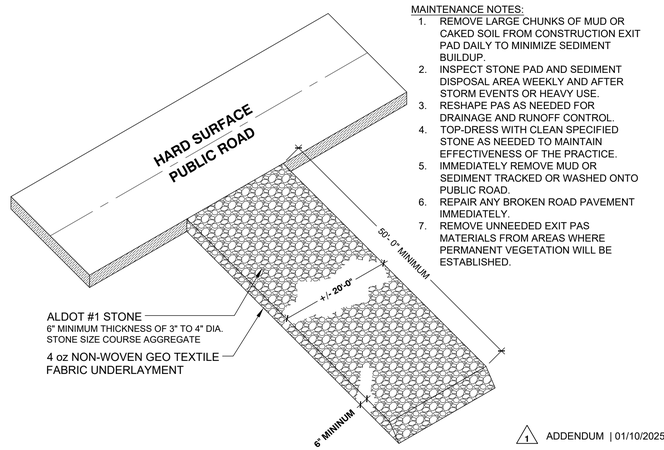


1. SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE GROUND COVER IS REMOVED. CLEARING, GRUBBING, AND STUMPING CAN OCCUR BEFORE SILT FENCE INSTALLATION IF GROUND COVER IS NOT REMOVED.
2. ALL SILT FENCE SHALL BE PLACED AS CLOSE TO THE CONTOUR AS POSSIBLE SO THAT WATER WILL NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SMALL SWALES OR DEPRESSIONS THAT MAY CARRY SMALL CONCENTRATED FLOWS TO THE SILT FENCE ARE DISSIPATED ALONG ITS LENGTH.
3. ENDS OF THE SILT FENCES SHALL BE BROUGHT UPSLOPE SLIGHTLY SO THAT WATER PONDED BY THE SILT FENCE WILL BE PREVENTED FROM FLOWING AROUND THE ENDS.
4. SILT FENCE SHOULD PREFERABLY BE A MINIMUM OF 10 FEET FROM THE TOE OF SLOPE.
5. THE TRENCH SHALL BE MADE WITH A TRENCHER, CABLE LAYING MACHINE, SLICING MACHINE, OR OTHER SUITABLE DEVICE THAT WILL ENSURE AN ADEQUATELY UNIFORM TRENCH DEPTH.
6. WHERE TWO SECTIONS OF PREFABRICATED SILT FENCE ARE COMBINED INTO ONE RUN, THE END POSTS SHALL BE CONNECTED TOGETHER, NOT SIMPLY OVERLAPPED.
7. SILT FENCE SHALL ALLOW RUNOFF TO PASS ONLY AS DIFFUSE FLOW THROUGH THE GEOTEXTILE. IF RUNOFF OVERTOPS THE SILT FENCE, FLOWS AROUND THE ENDS, OR IN ANY OTHER WAY BECOMES A CONCENTRATED FLOW, ONE OF THE FOLLOWING SHALL BE PERFORMED, AS APPROPRIATE: A) AN ADDITIONAL RUN OF SILT FENCE SHALL BE PLACED UPSTREAM, B) THE LAYOUT OF THE SILT FENCE SHALL BE CHANGED, C) ACCUMULATED SEDIMENT SHALL BE REMOVED, OR D) OTHER PRACTICES SHALL BE IMPLEMENTED.
8. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN THE DEPOSIT REACHES APPROXIMATELY ONE-HALF OF THE HEIGHT OF THE SILT FENCE.
9. ALL STOCKPILES SHALL BE ENCIRCLED WITH SILT FENCE.
10. SILT FENCE FABRIC SHALL MEET THE FOLLOWING SPECIFICATIONS: MINIMUM TENSILE STRENGTH 120 LBS., ASTM D 4632; MAXIMUM ELONGATION AT 60 LBS., 15%, ASTM D 4632; MINIMUM PUNCTURE STRENGTH 50 LBS., ASTM D 4833; MINIMUM TEAR STRENGTH 40 LBS., ASTM D 4533, APPARENT OPENING SIZE <= 0.84MM, ASTM D 4751; MINIMUM PERMITTIVITY 1X10-2SEC.-1, ASTM D.4491; WATER FLOW RATE 15GAL./MIN/SQ. FT.; UV EXPOSURE STRENGTH RETENTION, 70%, ASTM G 4355.

3 WIRE-BACKED SILT FENCE DETAIL
NOT TO SCALE — P-MR-ERO-03



4 INLET PROTECTION (WATTLE)
NOT TO SCALE — P-CP-ERO-02



MAINTENANCE NOTES:
1. REMOVE LARGE CHUNKS OF MUD OR CAKED SOIL FROM CONSTRUCTION EXIT PAD DAILY TO MINIMIZE SEDIMENT BUILDUP.
2. INSPECT STONE PAD AND SEDIMENT DISPOSAL AREA WEEKLY AND AFTER STORM EVENTS OR HEAVY USE.
3. RESHAPE PAS AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL.
4. TOP-DRESS WITH CLEAN SPECIFIED STONE AS NEEDED TO MAINTAIN EFFECTIVENESS OF THE PRACTICE.
5. IMMEDIATELY REMOVE MUD OR SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROAD.
6. REPAIR ANY BROKEN ROAD PAVEMENT IMMEDIATELY.
7. REMOVE UNNEEDED EXIT PAS MATERIALS FROM AREAS WHERE PERMANENT VEGETATION WILL BE ESTABLISHED.

5 CONSTRUCTION EXIT PAD
NOT TO SCALE — P-CP-ERO-03

1 ADDENDUM | 01/10/2025

CHRISTIANPREUS Landscape Architecture
855.539.5066
www.cpladesignplanning.com

DEMOLITION & EROSION CONTROL PLANS FOR:
CITY OF MOBILE - MIMS PARK CONCESSIONS
Mobile, AL

SCALE: 1" = 30' -0"
DATE: MAY 2024

STATE OF ALABAMA — CHRISTIAN HART PREUS — NUMBER 30025 — REGISTERED LANDSCAPE ARCHITECT

D100

SCALE: 1" = 20' (24"x36")
1" = 40' (12"x18")
0 20 40 (FEET)

FIRE APPARATUS ACCESS ROAD
TYPICAL SECTION
N.T.S.

PAVEMENT LEGEND:

① ALDOT ITEM 424A-360: 2.0" SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER (½") MAX AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 57kg/M^2 [125 #/SY])

② ALDOT ITEM 301A-020: [8.0"] CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED

③ [6"] COMPACTED SUBGRADE (EXISTING) 95% MODIFIED PROCTOR DENSITY

NOTE:

ALL SUBGRADE PREPARATION AND PERMANENT SURFACES SHALL BE IN DONE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT UNLESS DIRECTED OTHERWISE BY THE ENGINEER.

SYMBOLS LEGEND:

EX W	EX. WATER LINE
EX SS	EX. SAN. SEWER LINE
OHE	EX. FIRE WATER LINE
X X	EX. FENCE
	EX. FIRE HYDRANT
D	EX. STORM MANHOLE
	EX. LIGHTPOLE
S	EX. SAN. SEWER MANHOLE
	EX. VALVE AND STUB OUT
	EX. CONCRETE
	EX. ASPHALT
109.75	EX. MINOR CONTOUR
110.00	EX. MAJOR CONTOUR
+ 95.31	EX. SPOT ELEVATION
	PROPOSED CONCRETE
	PROPOSED ASPHALT
109.75	PROP. MINOR CONTOUR
110.00	PROP. MAJOR CONTOUR
105.85 X	PROP. SPOT ELEVATION
	PROPOSED STORM PIPE & STRUCTURE

NOTES:

1. SURVEY PROVIDED BY CPLA
2. FIELD VERIFY ALL LAYOUT AND DIMENSIONS PRIOR TO CONSTRUCTION
3. FIELD VERIFY LOCATION OF ALL STRUCTURES, HARDSCAPES, UTILITIES, DRAINAGE, VEGETATION & CONDITIONS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE LAYOUT USING A LICENSED SURVEYOR.
5. CONTRACTOR SHALL BE RESPONSIBLE TO PRESERVE AND PROTECT ALL EXISTING CONDITIONS TO REMAIN.
6. CONTRACTOR IS RESPONSIBLE FOR CALLING LINE LOCATE AND VERIFYING PRESENCE OF ANY AND ALL UTILITIES
7. CONTRACTOR IS RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE.
8. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS.
9. QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY, CONTRACTOR TO VERIFY.
10. REPORT ANY DISCREPANCIES TO LANDSCAPE ARCHITECT IMMEDIATELY.

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Landscape Architecture
855.539.5086
www.cpladesignplanning.com

GRADING & DRAINAGE PLAN FOR:
CITY OF MOBILE - MIMS PARK CONCESSIONS

1" = 20

No. 19047
JOHN W. PETERSON
1/09/2025

C 3.0

GRISHILDE DRIVE

ASPHALT

6"

8" VCP

9.8" VCP

SD#23

SD#22

EX. INLETS
(CONTRACTOR TO FEILD VERIFY
EX. INLET RIM ELEVATIONS AND PIPE INVERTS)

WOOD BOLLARDS

ASPHALT PARKING AREA

ASPHALT

EX WATER METER

(ADJUSTED PER DIFFERING SURVEYOR'S
(WATTIER SURVEY ±0.43' HIGHER)
12"PVC
INV=86.7 (CALC)

8"PVC
INV=88.71

EX SANITARY SEWER
(FIELD VERIFY &
COORDINATE WITH
UTILITY OWNER)

EX WOOD POSTS/
BOLLARDS

EX POTABLE WATER
SERVICE (FIELD VERIFY &
COORDINATE WITH
UTILITY OWNER)

TIE TO EX POTABLE
WATER SERVICE LINE
(REQ'D COORDINATION
WITH UTILITY OWNER)

EXISTING BUILDING
EXISTING BUILDING
(1 STY)

CHECKED TO
CONTROL RECOVERED FROM
PROVIDED CAD FILE

TIE TO EX SANITARY SEWER
(REQ'D COORDINATION WITH
UTILITY OWNER)

BATTING CAGES

BASE BID PROJECT LIMITS
REQ'D 4" SS PVC
@1.0% MIN.

EX 12"ø PVC STORM PIPE
(FIELD VERIFY)

REQ'D 2" PVC POTABLE WATER
SERVICE LINE
(COORDINATE REROUTING OF
WATER LINE W/ UTILITY OWNER)

COORDINATE W/ UTILITY FOR
POWER SERVICE TO NEW BLDG
AND/OR RELOCATION OF EX
POWER POLES AS NECESSARY

4" SS WASTE
(SEE ARCH/MEP PLANS FOR
CONTINUATION INTO BLDG)

WOOD POST
(TYP.)

ALTERNATE PROJECT LIMITS

2" POTABLE WATER
(SEE ARCH/MEP PLANS FOR
CONTINUATION INTO BLDG)

F.F.E. = 97.0

4" SS WASTE
(SEE ARCH/MEP PLANS FOR
CONTINUATION INTO BLDG)

FOUL POLE

EX STORM INLET
TOP EL. 94.0±
INV EL. 90.8
(INVERT MEASURED AT -38" FROM TOP GRATE)

PROPOSED BUILDING

ELECTRICAL PANEL

BASE BID PROJECT LIMITS

EX GRATE INLET
TOP EL. 94.9±
(FIELD VERIFY INVERTS
& STORM DRAINAGE PIPES)

EX 12"ø STORM PIPE
(FIELD VERIFY)

COVERED BLEACHERS

CONCRETE

DUGOUT (TO REMAIN)

PRESSBOX

FIELD - A

EX. BULLPEN
(TO REMAIN)

EX GRATE INLET
TOP EL. 95.2±

REROUTE EX POTABLE
WATER SERVICE LINE
(REQ'D COORDINATION
WITH UTILITY OWNER)

FOUL POLE

CONCRETE

ASPHALT

GRASS

BASEBALL FIELD

DIRT

N
W E
S

0 20 40 (FEET)
SCALE: 1" =20' (22x34)
1" =40' (11x17)

SYMBOLS LEGEND:

- EX W — EX. WATER LINE
- EX SS — EX. SAN. SEWER LINE
- OHE — EX. FIRE WATER LINE
- X — X — EX. FENCE
- EX. FIRE HYDRANT
- EX. STORM MANHOLE
- EX. LIGHTPOLE
- EX. SAN. SEWER MANHOLE
- EX. VALVE AND STUB OUT
- EX. CONCRETE
- EX. ASPHALT
- 109.75 — EX. MINOR CONTOUR
- 110.00 — EX. MAJOR CONTOUR
- 95.31 — EX. SPOT ELEVATION
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- PROPOSED STORM PIPE & STRUCTURE

NOTES:

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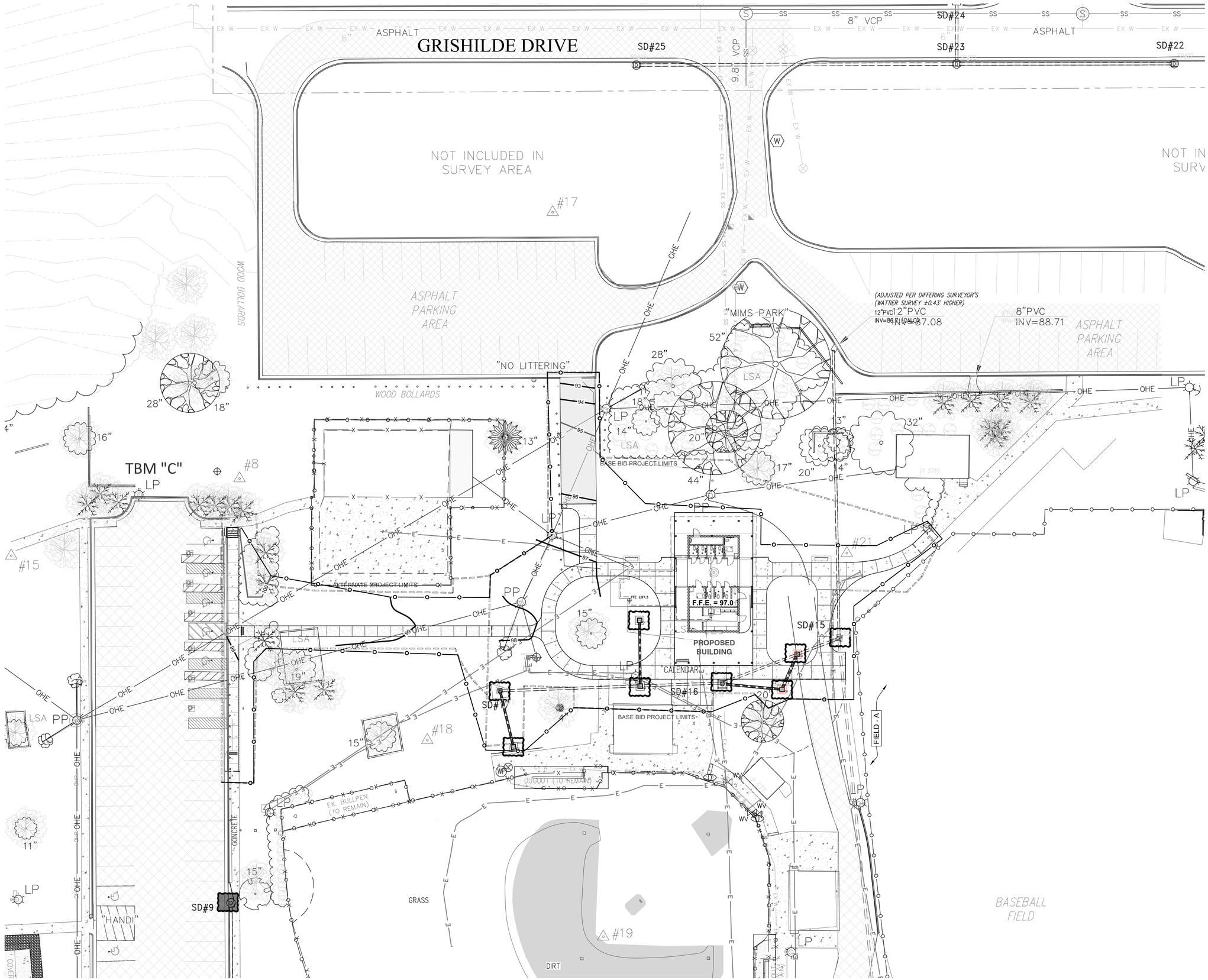
UTILITY PLAN FOR:
CITY OF MOBILE - MIMS PARK CONCESSIONS

1" = 20

ALABAMA LICENSED
No. 19047 PROFESSIONAL
ENGINEER
JOHN W. PETERSON

1/09/2025

C 4.0



N

W E

S

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- 105.85 PROP. SPOT ELEVATION
- PROPOSED STORM PIPE & STRUCTURE

EROSION CONTROL LEGEND:

- REQ'D INLET PROTECTION
- REQ'D SILT FENCE
- REQ'D STABILIZED CONSTRUCTION ENTRANCE

EROSION CONTROL NOTES:

1. CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES AND DRAINAGE STRUCTURES.
2. ALL DISTURBED AREAS SHALL BE MULCHED AND SEEDED AFTER 10 DAYS OF NON-ACTIVITY.

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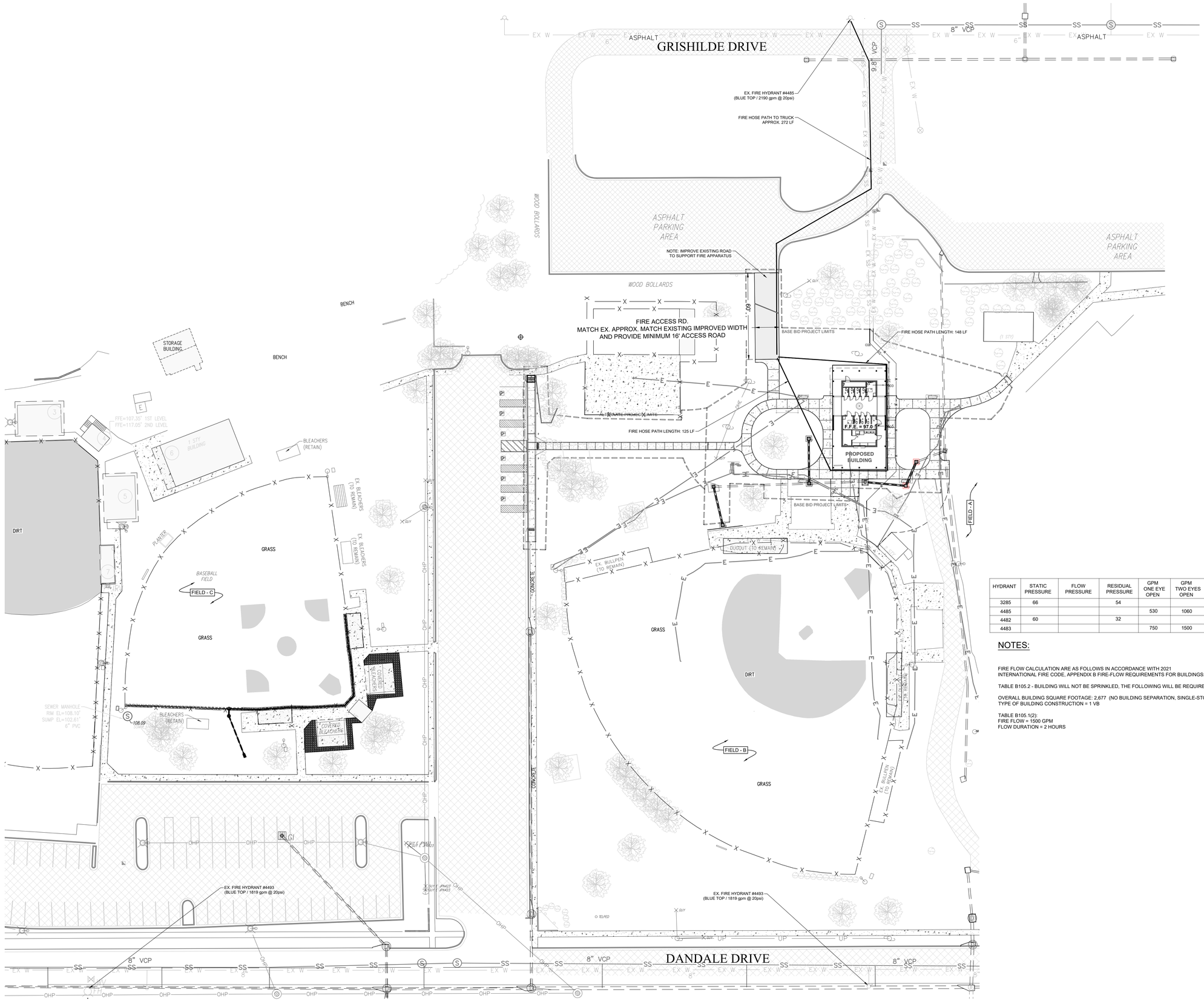
EROSION & SEDIMENT CONTROL PAN
CITY OF MOBILE - MIMMS PARK

1" = 30'

ALABAMA LICENSED No. 19047 PROFESSIONAL LANDSCAPE ENGINEER JOHN W. PETERSON

1/09/2025

C 5.0



HYDRANT	STATIC PRESSURE	FLOW PRESSURE	RESIDUAL PRESSURE	GPM ONE EYE OPEN	GPM TWO EYES OPEN	TOTAL GPM
3285	66		54			
4485				530	1060	1060
4482	60		32			
4483				750	1500	1500

NOTES:

FIRE FLOW CALCULATION ARE AS FOLLOWS IN ACCORDANCE WITH 2021 INTERNATIONAL FIRE CODE, APPENDIX B FIRE-FLOW REQUIREMENTS FOR BUILDINGS:

TABLE B105.2 - BUILDING WILL NOT BE SPRINKLED, THE FOLLOWING WILL BE REQUIRED:

OVERALL BUILDING SQUARE FOOTAGE: 2,677 (NO BUILDING SEPARATION, SINGLE-STORY)
TYPE OF BUILDING CONSTRUCTION = 1 VB

TABLE B105.1(2):
FIRE FLOW = 1500 GPM
FLOW DURATION = 2 HOURS

N
W E
S

0 30 60 (FEET)

SCALE: 1" =30' (22x34)
1" =60' (11x17)

SYMBOLS LEGEND:

- EX. WATER LINE
- EX. SAN. SEWER LINE
- EX. FIRE WATER LINE
- EX. FENCE
- EX. FIRE HYDRANT
- EX. STORM MANHOLE
- EX. LIGHTPOLE
- EX. SAN. SEWER MANHOLE
- EX. VALVE AND STUB OUT
- EX. CONCRETE
- EX. ASPHALT
- 109.75 EX. MINOR CONTOUR
- 110.00 EX. MAJOR CONTOUR
- + 95.31 EX. SPOT ELEVATION
- PROPOSED CONCRETE
- PROPOSED ASPHALT
- 109.75 PROP. MINOR CONTOUR
- 110.00 PROP. MAJOR CONTOUR
- 105.85 PROP. SPOT ELEVATION
- PROPOSED STORM PIPE & STRUCTURE

NOTES:

1. SURVEY PROVIDED BY CPLA
2. FIELD VERIFY ALL LAYOUT AND DIMENSIONS PRIOR TO CONSTRUCTION
3. FIELD VERIFY LOCATION OF ALL STRUCTURES, HARDSCAPES, UTILITIES, DRAINAGE, VEGETATION & CONDITIONS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE LAYOUT USING A LICENSED SURVEYOR.
5. CONTRACTOR SHALL BE RESPONSIBLE TO PRESERVE AND PROTECT ALL EXISTING CONDITIONS TO REMAIN.
6. CONTRACTOR IS RESPONSIBLE FOR CALLING LINE LOCATE AND VERIFYING PRESENCE OF ANY AND ALL UTILITIES
7. CONTRACTOR IS RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE.
8. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS.
9. QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY, CONTRACTOR TO VERIFY.
10. REPORT ANY DISCREPANCIES TO LANDSCAPE ARCHITECT IMMEDIATELY.

CHRISTIANPREUS
Landscape Architecture
251 639 5066
www.cpladesignplanning.com

FIRE CONTROL PLAN FOR:
CITY OF MOBILE - MIMS PARK CONCESSIONS

1" = 30

ALABAMA LICENSED No. 19047 PROFESSIONAL ENGINEER JOHN W. PETERSON
1/09/2025

1 REV 1 PER CITY COMMENTS

C 6.0

ELECTRICAL SPECIFICATIONS

1. GENERAL ELECTRICAL:
   - 1.1. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY FOR THE INSTALLATION OF A COMPLETE ELECTRICAL SYSTEM AS INDICATED WITHIN THESE DRAWINGS. ALL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES AND ORDINANCES AND WITH MANUFACTURER'S RECOMMENDATIONS.
   - 1.2. THE CONTRACTOR SHALL CAREFULLY EXAMINE THE ARCHITECTURAL, STRUCTURAL, ELECTRICAL AND MECHANICAL DRAWINGS PRIOR TO SUBMITTING HIS BID. THE CONTRACTOR WILL BE REQUIRED TO FURNISH, INSTALL AND CONNECT ALL ITEMS AS INDICATED ON THE DRAWINGS.
   - 1.3. THE ARCHITECT SHALL BE NOTIFIED OF ANY CONFLICTS, OR INTERFERENCES THAT OCCUR BETWEEN INDIVIDUAL DRAWINGS.
   - 1.4. ALL MATERIALS AND EQUIPMENT SHALL BE INSTALLED IN A NEAT, FIRST CLASS, WORKMANLIKE MANNER, TO THE APPROVAL OF THE ARCHITECT/ENGINEER AND GOVERNING AUTHORITIES.
   - 1.5. IN ADDITION TO THE MANUFACTURERS STANDARD GUARANTEES, THE CONTRACTOR SHALL GUARANTEE ALL MATERIALS, EQUIPMENT AND WORKMANSHIP AGAINST DEFECTS FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE, AND SHALL CORRECT ANY DEFECTS AT NO ADDITIONAL COST TO THE OWNER. ALL LAMPS SHALL BE GUARANTEED FOR 30 DAYS AFTER ACCEPTANCE.
   - 1.6. THE LOADS SHOWN FOR APPLIANCES AND EQUIPMENT ARE BASED ON DESIGN INFORMATION. THE CONTRACTOR SHALL VERIFY ALL APPLIANCE LOADS PRIOR TO RUNNING THE CIRCUIT. THE MINIMUM CIRCUIT REQUIREMENTS SHALL BE BASED ON THE APPLIANCE NAMEPLATE VALUE OR CODE REQUIREMENTS, WHICHEVER IS MORE STRINGENT. ADDITIONAL COMPENSATION SHALL NOT BE ALLOWED FOR APPLIANCE MODIFICATIONS BY THE CONTRACTOR.
   - 1.7. PRIOR APPROVAL: PRIOR APPROVAL SHALL BE REQUIRED FOR ANY MANUFACTURER OTHER THAN THOSE LISTED FOR ALL SPECIFIED ITEMS IN THESE DRAWINGS. SUBMIT ALL REQUESTS FOR PRIOR APPROVAL 2 WEEKS PRIOR TO BID OPENING. ENGINEER'S APPROVAL WILL BE IN THE FORM OF AN ADDENDUM.

2. CODES & STANDARDS:
   - 2.1. INSTALLATION AND MATERIALS SHALL COMPLY WITH THE LATEST ADOPTED EDITION OF THE FOLLOWING CODES & STANDARDS:
     - 2.1.1. NATIONAL ELECTRICAL CODE.
     - 2.1.2. NFPA 72. NATIONAL FIRE PROTECTION CODE.
     - 2.1.3. INTERNATIONAL BUILDING CODE.
     - 2.1.4. INTERNATIONAL ENERGY CONSERVATION CODE.
     - 2.1.5. NFPA 101.
     - 2.1.6. ADA .
     - 2.1.7. ANSI.
     - 2.1.8. NEMA.
     - 2.1.9. OSHA.
     - 2.1.10. UL.

3. ALTERATIONS & ADDITIONS TO EXISTING WORK:
   - 3.1. PROVIDE ALL NECESSARY ADDITIONS AND ALTERATIONS TO EXISTING WORK AS REQUIRED TO PROVIDE AND MAINTAIN A COMPLETE AND PROPER ELECTRICAL INSTALLATION.
   - 3.2. AS NECESSARY, RELOCATE EXISTING ELECTRICAL WORK SO OTHER TRADES CAN PURSUE THEIR WORK.
   - 3.3. MAINTAIN POWER TO EXISTING PORTIONS OF BUILDINGS FED FROM OR THROUGH AREA IN SCOPE OF THIS CONTRACT.
   - 3.4. COORDINATE ALL REQUIRED OUTAGES WITH OWNER.

4. BASIC MATERIALS & METHODS:
   - 4.1. ALL POWER AND DISTRIBUTION CABLING SHALL BE COPPER TYPE THWN/THHN.
   - 4.2. ALL ELECTRICAL EQUIPMENT, DEVICES, ETC. LOCATED OUTDOORS SHALL BE WEATHERPROOF.
   - 4.3. ELECTRICAL CONTRACTOR SHALL PROVIDE ADEQUATE AND PROPER SUPPORT FOR ALL ELECTRICAL OUTLETS, DEVICES, LIGHT FIXTURES, ETC. BUILT IN OR MOUNTED ON CEILINGS. NO OUTLET BOX, DEVICE, LIGHT FIXTURE, ETC. SHALL BE SUPPORTED FROM ANY ACOUSTICAL CEILING TILE OR DRYWALL CEILINGS. PROVIDE METAL SUPPORTS THAT ARE MADE FOR USE WITH CEILING GRID SYSTEMS OR PROVIDE HANGERS FROM STRUCTURE ABOVE.
   - 4.4. CONDUIT ROUTINGS AND DEVICE/EQUIPMENT LOCATIONS SHOWN ARE DIAGRAMMATIC ONLY, CONTRACTOR SHALL FIELD ROUTE AND LOCATE AS REQUIRED. CONDUIT ROUTINGS SHALL BE PARALLEL OR PERPENDICULAR TO BUILDING LINES.
   - 4.5. JUNCTION BOXES LOCATED ABOVE CEILING SHALL BE INSTALLED FACING DOWN AND SHALL BE ACCESSIBLE AFTER INSTALLATION.
   - 4.6. COORDINATE ALL ELECTRICAL WORK WITH OTHER TRADES AND STRUCTURAL COMPONENTS.
   - 4.7. THE CONDUIT MATERIAL SHALL BE AS FOLLOWS:
     - 4.7.1. BELOW GRADE - RNC (POWER & SITE LIGHTING ONLY). ELBOWS >1-1/2" SHALL BE RGS.
     - 4.7.2. RISER FROM 36" BELOW GRADE - RGS.
     - 4.7.3. CONCEALED RISER FROM 36" BELOW GRADE - RNC (POWER ONLY).
     - 4.7.4. ABOVE GRADE SUBJECT TO PHYSICAL ABUSE - RGS.
     - 4.7.5. ABOVE GRADE NOT SUBJECT TO PHYSICAL ABUSE OR WEATHER - EMT.
     - 4.7.6. INDOORS NOT SUBJECT TO PHYSICAL ABUSE - EMT. OR METAL CLAD CABLE(AS ALLOWED BY LOCAL AUTHORITY HAVING JURISDICTION).
     - 4.7.7. FINAL CONDUIT CONNECTIONS TO HEAT PUMPS, AIR HANDLERS, EXHAUST FANS, AND WATER HEATERS SHALL BE LFMC WHETHER INTERIOR OR EXTERIOR.
   - 4.8. CONDUIT FITTINGS SHALL BE AS FOLLOWS:
     - 4.8.1. EMT - <=2" USE STEEL SET SCREW WITH INSULATED THROATS FOR INTERIOR/ USE COMPRESSION FITTINGS WITH INSULATED THROATS FOR EXTERIOR, >2" USE SET-SCREW STEEL WITH INSULATED THROATS.
     - 4.8.2. RGS - THREADED GALVANIZED STEEL.
     - 4.8.3. PVC - PVC APPROVED FOR THE USE.
     - 4.8.4. FMC - ZINC-PLATED STEEL OR CADMIUM-PLATED MALLEABLE IRON SCREW TYPE WITH INSULATED THROAT.
     - 4.8.5. LFMC - CADMIUM-PLATED MALLEABLE IRON OR STEEL COMPRESSION TYPE WITH INSULATED THROAT.
   - 4.9. ALL OUTLET BOXES SHALL BE 4"X4"X1-1/2" DEEP MINIMUM.
   - 4.10. ELECTRICAL CONTRACTOR SHALL WORK CLOSELY WITH THE MASONRY CONTRACTOR ON THE INSTALLATION OF ALL ELECTRICAL BOXES, CABINETS, RINGS, ETC. IN MASONRY WALLS. THE BOXES SHALL BE INSTALLED AT THE UNIFORM HEIGHTS CALLED FOR ON THE DRAWINGS AND SPECIFICATIONS. PROVIDE APPROPRIATE DEPTH MASONRY RINGS FOR ALL OUTLETS IN MASONRY WALLS TO INSURE PROPER CUTTING AND FITTING. THE FACE OF THE CABINETS, BOXES, RINGS, ETC. SHALL BE PLUMB AND FLUSH WITH THE FACE OF THE FINISH MATERIAL. ANY CABINET, OUTLET BOX, ETC. NOT MEETING THE ABOVE REQUIREMENT SHALL BE REMOVED AND REINSTALLED AT NO ADDITIONAL COST TO THE OWNER.
   - 4.11. ALL SIDEWALKS AND PARKING LOT ASPHALT AREAS THAT ARE CUT DUE TO NEW ELECTRICAL SERVICES SHALL BE REPAIRED TO MATCH EXISTING.
   - 4.12. ALL DIMENSIONS TO DEVICES AFF SHALL BE TO CENTERLINE UNLESS NOTED OTHERWISE.
   - 4.13. WALL OUTLETS SHALL NOT BE INSTALLED BACK TO BACK.
   - 4.14. COORDINATE LOCATIONS OF ELECTRICAL EQUIPMENT, DEVICES, OUTLETS, FIXTURES, ETC., WITH ARCHITECTURAL PLANS, ELEVATIONS AND REFLECTED CEILING PLANS PRIOR TO ROUGH-IN WORK.

5. GROUNDING & BONDING:
   - 5.1. PROVIDE AN INSULATED EQUIPMENT GROUNDING CONDUCTOR IN ALL CONDUITS.
   - 5.2. GROUND RODS SHALL BE 3/4"X20' COPPERCLAD STEEL.
   - 5.3. BELOW GRADE CONNECTIONS SHALL BE EXOTHERMIC TYPE.
   - 5.4. ALL CABLES SHALL BE COPPER, ALL BOLTED CONNECTIONS SHALL BE BRONZE.
   - 5.5. PROVIDE A #6AWG MINIMUM GROUND IN EMT FROM EACH TELCOM BACKBOARD TO THE MAIN ELECTRICAL SERVICE GROUND.
   - 5.6. WHERE AVAILABLE, BOND TO BUILDING STRUCTURAL STEEL, BUILDING FOUNDATION STEEL, METAL WATER SERVICE PIPING.
   - 5.7. PROVIDE THREE 20' GROUND RODS IN TRIANGLE ARRANGEMENT ON 20' CENTERS FOR MADE ELECTRODE SYSTEM. MEASURE RESISTANCE AND ENSURE <25 OHMS.

6. IDENTIFICATION:
   - 6.1. PROVIDE ENGRAVED 1"X3" PHENOLIC LABELS FOR ALL PANELBOARDS, SAFETY SWITCHES, TRANSFORMERS, CABINETS, ETC.
   - 6.2. PAINT THE RACEWAY SYSTEM COUPLINGS AND BOX COVERS ABOVE CEILINGS FOR THE FOLLOWING SYSTEMS AS FOLLOWS:
     - 6.2.1. 240 VOLT SYSTEMS - BLACK.
     - 6.2.2. AFTER PAINTING, WRITE THE CIRCUIT NUMBER (I.E. "LPA-34") ON ALL BRANCH CIRCUIT JUNCTION BOX COVERS ABOVE CEILING WITH WHITE MARKER.

7. GENERAL WIRING DEVICES:
   - 7.1. SWITCHES - SPECIFICATION GRADE, 20 AMP, COLOR BY ARCHITECT.
   - 7.2. RECEPTACLES - SPECIFICATION GRADE, 20 AMP, NEMA 5-20R, COLOR BY ARCHITECT.
   - 7.3. COVER PLATES - NYLON, COLOR BY ARCHITECT.
   - 7.4. SPECIAL RECEPTACLES - PER THE DRAWINGS, VERIFY WITH EQUIPMENT BEING SUPPLIED.
   - 7.5. APPROVED MANUFACTURERS - HUBBELL, LEVITON, EAGLE, PASS & SEYMOUR.

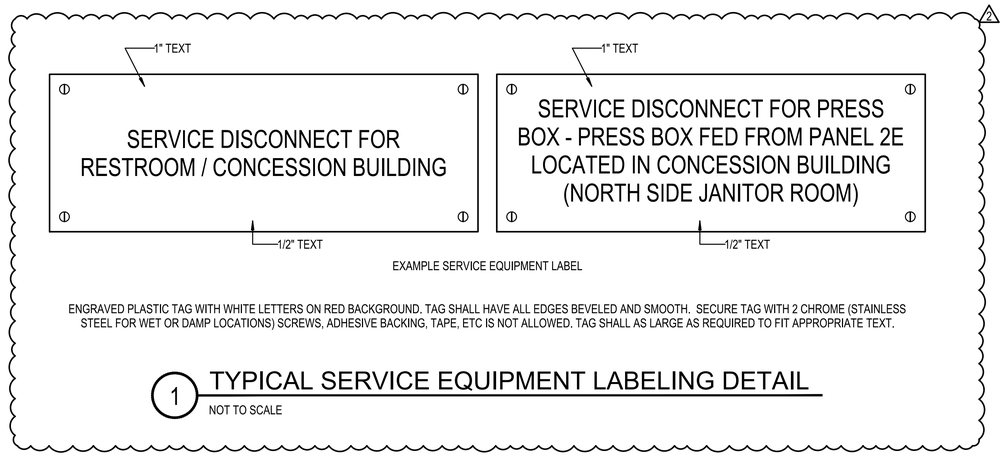
8. SAFETY SWITCHES:
   - 8.1. GENERAL DUTY, VISIBLE BLADE, LOCKABLE, QUICK-MAKE/QUICK-BREAK, HORSEPOWER RATED, FUSED WHERE INDICATED.
   - 8.2. PROVIDE WITH GROUND LUG KIT.
   - 8.3. INTERIOR - NEMA 1.
   - 8.4. EXTERIOR - NEMA 3R.
   - 8.5. APPROVED MANUFACTURERS - SQUARE D, GENERAL ELECTRIC, SIEMENS.

9. PANELBOARDS:
   - 9.1. FRONT ACCESSIBLE, BOLT-ON MOLDED CASE C/Bs, COPPER PHASE & NEUTRAL BUSSING, COPPER GROUND BAR, FULLY RATED (SERIES RATING NOT ALLOWED).
   - 9.2. ENCLOSURES SHALL BE DOOR-IN-DOOR CONSTRUCTION.
   - 9.3. INTERIOR - NEMA 1.
   - 9.4. ALL INTERIOR PANELBOARDS ARE TO HAVE FOUR SPARE 3/4" CONDUITS INSTALLED TO AN ACCESSIBLE SPACE FOR FUTURE.
   - 9.5. EXTERIOR - NEMA 3R.
   - 9.6. PROVIDE TYPE-WRITTEN DIRECTORY IN CLEAR SLEEVE ON INSIDE OF DOOR.
   - 9.7. APPROVED MANUFACTURERS - SQUARE D, GENERAL ELECTRIC, SIEMENS.

10. LIGHTING:
    - 10.1. PROVIDE A 6'-0" MAXIMUM FLEXIBLE CONNECTION FROM EACH RECESSED LIGHTING FIXTURE TO JUNCTION BOX ABOVE CEILING.
    - 10.2. FOR FIXTURES IN LAY-IN CEILINGS, PROVIDE WIRE SUPPORTS AT OPPOSITE CORNERS OF FIXTURE SEPARATE FROM LAY-IN CEILING WIRE SUPPORTS.

ABBREVIATIONS

A	AMPS
AC	ABOVE COUNTER
AF	AMP FRAME
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
AL	ALUMINUM
ARCH	ARCHITECT OR ARCHITECTURAL
AT	AMP TRIP
ATS	AUTOMATIC TRANSFER SWITCH
ATU	AIR TERMINAL UNIT
AWG	AMERICAN WIRE GAUGE
BAS	BUILDING AUTOMATION SYSTEM
BJ	BONDING JUMPER
BKR	CIRCUIT BREAKER
BLDG	BUILDING
BOD	BASIS OF DESIGN
C	CONDUIT
C/B	CIRCUIT BREAKER
CL	CURRENT LIMITING
C/L	CENTERLINE
CLG	CEILING
CKT	CIRCUIT
CT	CURRENT TRANSFORMER
CU	COPPER
DDC	DIRECT DIGITAL CONTROL
DEMO	DEMOLISH
EC	ELECTRICAL CONTRACTOR
EGC	EQUIPMENT GROUNDING CONDUCTOR
ELEC	ELECTRICAL
EMGB	ELECTRICAL MAIN GROUNDING BUSBAR
EF	EXHAUST FAN
EX	EXISTING TO REMAIN
EXT	EXTERIOR
EWC	ELECTRIC WATER COOLER
EMT	ELECTRICAL METALLIC TUBING
EQUIP	EQUIPMENT
FMC	FLEXIBLE METAL CONDUIT
FACP	FIRE ALARM SYSTEM CONTROL PANEL
FU	FUSE
F/A	FIRE ALARM
FLA	FULL LOAD AMPS
FLR	FLOOR
FVNR	FULL VOLTAGE NON-REVERSING
GFI	GROUND FAULT INTERRUPTER
G	GROUND (OR GFI FOR RECEPTACLE SUBSCRIPT)
GC	GENERAL CONTRACTOR
GND	GROUND
GEC	GROUNDING ELECTRODE CONDUCTOR
HH	HANDHOLE
HOA	HAND-OFF-AUTOMATIC
HP	HEAT PUMP OR HORSEPOWER
HVAC	HEATING, VENTILATION & AIR-CONDITIONING
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
JB	JUNCTION BOX
k	KILO
kAIC	KILO-AMPERE INTERRUPTING CAPABILITY
kCMIL	THOUSAND CIRCULAR MILS
LCP	LIGHTING CONTROL PANEL
LTG	LIGHTING
LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
LV	LOW VOLTAGE
MAX	MAXIMUM
MCA	MINIMUM CIRCUIT AMPACITY
MCC	MOTOR CONTROL CENTER
MCE	MAIN COMMUNICATIONS EQUIPMENT ROOM
MCM	THOUSAND CIRCULAR MILS
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MLO	MAIN LUGS ONLY
MNT	MOUNTING HEIGHT
MTG	MOUNTING
MTS	MANUAL TRANSFER SWITCH
MV	MEDIUM VOLTAGE
N1	NEMA 1
N3R	NEMA 3R
N/A	NOT APPLICABLE
NA	NOT APPLICABLE
NEC	NATIONAL ELECTRICAL CODE
NESC	NATIONAL ELECTRICAL SAFETY CODE
NEU	NEUTRAL
OCPD	OVERCURRENT PROTECTION DEVICE
OFOI	OWNER FURNISHED OWNER INSTALLED
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OH	OVERHEAD
OHE	OVERHEAD ELECTRIC
OHP	OVERHEAD PRIMARY
OHS	OVERHEAD SECONDARY
PBD	PANELBOARD
PF	POWER FACTOR
PNL	PANELBOARD
PT	POTENTIAL TRANSFORMER
PWR	POWER
RCPT	RECEPTACLE
REQD	REQUIRED
RM	ROOM
RGS	RIGID GALVANIZED STEEL CONDUIT
RNC	RIGID NON-METALLIC CONDUIT
RVSS	REDUCED VOLTAGE SOLID STATE
SA	SURGE ARRESTER
SCA	SHORT CIRCUIT AMPS
SF	SUPPLY FAN
SPEC	SPECIFICATION
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TBB	TELECOMMUNICATIONS BONDING BACKBONE
TR	TELECOMMUNICATIONS ROOM
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
TYP	TYPICAL
UFR	UNDERFLOOR RACEWAY
UG	UNDERGROUND
UGE	UNDERGROUND ELECTRIC
UGP	UNDERGROUND PRIMARY
UGS	UNDERGROUND SECONDARY
UL	UNDERWRITERS' LABORATORIES
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLT
VA	VOLT-AMPERES
VAR	VOLT-AMPERES REACTIVE
VAV	VARIABLE AIR VOLUME UNIT
W	WATTS
WAO	WORK AREA OUTLET
WP	WEATHERPROOF
WSR	WITHSTAND RATING
XFMR	TRANSFORMER
XP	EXPLOSION PROOF
ϕ	PHASE
72°	DEGREES
Δ	DELTA
Ω	OHMS



EXAMPLE SERVICE EQUIPMENT LABEL

ENGRAVED PLASTIC TAG WITH WHITE LETTERS ON RED BACKGROUND. TAG SHALL HAVE ALL EDGES BEVELED AND SMOOTH. SECURE TAG WITH 2 CHROME (STAINLESS STEEL FOR WET OR DAMP LOCATIONS) SCREWS, ADHESIVE BACKING, TAPE, ETC IS NOT ALLOWED. TAG SHALL AS LARGE AS REQUIRED TO FIT APPROPRIATE TEXT.

1 TYPICAL SERVICE EQUIPMENT LABELING DETAIL

NOT TO SCALE

2 ADDENDUM 7 - REVI. 12/05/24

dell consulting
MEP Engineering
Christina Marie 50660
Alabama Certificate Number CA-4146-E
813 Downtowner Blvd. Ste. D
Mobile, Alabama 36609
P: 251-316-0015 F: 850-332-6629
DELL CONSULTING PROJECT: 23-004-MIMS

CHRISTIANPREUS Landscape Architecture
855.939.5086
www.cpladesignplanning.com

ELECTRICAL SPECIFICATIONS & ABBREVIATIONS FOR:
CITY OF MOBILE - MIMS PARK
Mobile, AL

SCALE: AS NOTED

ALABAMA LICENSED No. 50660 PROFESSIONAL ENGINEER CHRISTINA MARIE
10/15/2024

DATE: 10/15/2024

E1.0

ELECTRICAL LEGEND

GENERAL ELECTRICAL DEVICES:

- $ — SINGLE POLE LIGHTING SWITCH. MOUNT 48" TO TOP OF BOX AFF UNLESS NOTED OTHERWISE. SUBSCRIPT INDICATES AS FOLLOWS:
  M - TWO POLE MOTOR RATED SWITCH MOUNTED AT THE EQUIPMENT. PROVIDE PHENOLIC LABEL.
- DUPLEX RECEPTACLE NEMA 5-20R. MOUNT 18" AFF UNLESS NOTED OTHERWISE. VERIFY DUPLEX MOUNTING REQUIREMENTS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN. SUBSCRIPT INDICATES AS FOLLOWS:
  G - GROUND FAULT CIRCUIT INTERRUPTER TYPE.
  WP - GFI DEVICE WITH DIECAST WEATHERPROOF BACKBOX & DIECAST WEATHERPROOF (IN-USE) COVERPLATE. IN EXTERIOR LOCATIONS MOUNT 30" AFG. WEATHERPROOF OUTLET BOX COVERPLATES ARE TO BE LISTED AND IDENTIFIED AS "EXTRA-DUTY".
  84" - MOUNTING HEIGHT OF DEVICE AFF.
  21 - # INDICATES PANELBOARD CKT NUMBER
- DUPLEX RECEPTACLE MOUNTED 42" AFF. OR MOUNT 7" ABOVE COUNTER. VERIFY COUNTER HEIGHT PRIOR TO ROUGH-IN. ORIENT WITH LONG AXIS HORIZONTAL ABOVE COUNTERS.
- QUADRAPLEX RECEPTACLE (TWO NEMA 5-20R) MOUNTED 18" AFF. UNLESS NOTED OTHERWISE.

LIGHTING CONTROL EQUIPMENT:

- LC — ACUITY nDTC DIGITAL TIME CLOCK (OR APPROVED EQUAL).
- TC — PROGRAMMABLE TIME CLOCK FOR MAG LOCK DOOR CONTROLS.

OCCUPANCY SENSORS:

- D — WALL MOUNTED LINE VOLTAGE DUAL TECHNOLOGY SWITCH WITH SINGLE RELAY. MOUNT 48" AFF UNLESS NOTED OTHERWISE. SWITCH SHALL BE PROGRAMMED TO BE MANUAL ON.
- D2 — WALL MOUNTED LINE VOLTAGE DUAL TECHNOLOGY SWITCH WITH DUAL RELAYS. EACH RELAY IS TO HAVE INDEPENDENT DELAY CONTROL. MOUNT 48" AFF UNLESS NOTED OTHERWISE. SWITCH SHALL BE PROGRAMMED TO BE MANUAL ON.
- DT — CEILING MOUNTED LOW VOLTAGE 360° DUAL TECHNOLOGY (PASSIVE INFRARED & ULTRASONIC) OCCUPANCY SENSOR.
- PP — DIMMING POWER PACK. PROVIDE WITH NEMA 1 ENCLOSURE.

LIGHTING FIXTURES:

SEE LIGHTING FIXTURE SCHEDULE FOR SYMBOLS AND DESCRIPTIONS. THE FIXTURE MARK IN AN ENCLOSED SPACE WITH SIMILAR FIXTURES WILL APPLY TO ALL FIXTURES IN THE SPACE.

MISCELLANEOUS EQUIPMENT:

- EF — EXHAUST FAN.
- COPPER GROUNDING BUSBAR WITH STANDOFF INSULATORS. UNLESS INDICATED OTHERWISE PROVIDE WITH #6AWG IN EMT FROM BUSBAR TO EMGB. MOUNT BUSBAR 12" AFF.
- J — JUNCTION BOX.
- E — ELECTRICAL CONNECTION TO EQUIPMENT. VERIFY LOCATION WITH EQUIPMENT PROVIDER.

DISTRIBUTION & POWER EQUIPMENT:

- PANELBOARD. MOUNT AS INDICATED. SEE PANELBOARD SCHEDULES.
- NEC 110.26(A) WORKING CLEARANCE.
- VFD — VARIABLE FREQUENCY DRIVE W/INTEGRAL DISCONNECT. PROVIDED BY DIVISION 15, INSTALLED BY DIVISION 16.
- NON-FUSED GENERAL DUTY SAFETY SWITCH. SIZE FOR LOAD BEING SERVED.
- FUSED GENERAL DUTY SAFETY SWITCH. SIZE FOR LOAD BEING SERVED.

OTHER:

- CIRCUIT RUN CONCEALED ABOVE CEILING OR IN WALL.
- CIRCUIT RUN CONCEALED IN OR BELOW FLOOR SLAB OR UNDERGROUND.
- 2P2-9 — HOMERUN TO PANELBOARD. ANY CIRCUIT WITHOUT FURTHER DESIGNATION SHALL BE 2#12,#12G,3/4"C. TICK MARKS INDICATE # OF CONDUCTORS (EGC NOT SHOWN). MINIMUM SIZE ON 120V HOMERUNS GREATER THAN 50 FEET SHALL BE #10 AWG. MINIMUM SIZE ON 120V HOMERUNS GREATER THAN 100 FEET SHALL BE #8 AWG. MINIMUM SIZE ON 120V HOMERUNS GREATER THAN 160 FEET SHALL BE #6 AWG. MINIMUM SIZE ON 277V HOMERUNS GREATER THAN 100 FEET SHALL BE #10 AWG. INCREASE CONDUIT SIZE AS REQUIRED PER NEC. UNDERLINED TEXT INDICATES CIRCUIT DESIGNATION.
- AHU 1 — MECHANICAL EQUIPMENT IDENTIFICATION TAG. SEE MECHANICAL EQUIPMENT ELECTRICAL SCHEDULE.
- F2L — LIGHT FIXTURE IDENTIFICATION TAG. SEE LIGHT FIXTURE SCHEDULE FOR SYMBOLS & DETAILS.
- 1 — SHEET NOTE TAG.
- 4LP1 — PANELBOARD, SWITCHBOARD, TRANSFORMER & ELECTRICAL EQUIPMENT IDENTIFICATION TAG.

ELECTRICAL NOTES

1. ENTIRE ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE.
2. CONDUIT ROUTINGS AND DEVICE / EQUIPMENT LOCATIONS SHOWN ARE DIAGRAMMATIC ONLY, CONTRACTOR SHALL FIELD ROUTE AND LOCATE AS REQUIRED. CONDUIT ROUTINGS SHALL BE NORTH / SOUTH OR EAST/WEST.
3. ALL ELECTRICAL EQUIPMENT AND DEVICES SHALL BE PROVIDED WITH SUITABLE PHENOLIC NAMEPLATES.
4. FOR OTHER THAN LIGHTING FIXTURES, CATALOG NUMBERS AND MANUFACTURERS SHOWN ARE TO INDICATE DEVICE, QUALITY, AND TYPE OF ITEM DESIRED ONLY. ANY SUBSTITUTION ON THE LIGHTING FIXTURES MUST BE PRE-APPROVED TWO WEEKS PRIOR TO BID (OR AS STATED BY THE ARCHITECT / OWNER).
5. THE LOADS SHOWN FOR APPLIANCES AND EQUIPMENT ARE BASED ON INFORMATION PROVIDED DURING THE DESIGN PHASE. THE CONTRACTOR SHALL VERIFY ALL APPLIANCE LOADS PRIOR TO ROUGH IN AND RUNNING THE CIRCUIT. THE MINIMUM CIRCUIT REQUIREMENTS SHALL BE BASED ON THE APPLIANCE NAMEPLATE VALUE OR CODE REQUIREMENTS, WHICHEVER IS MORE STRINGENT. ADDITIONAL COMPENSATION WILL NOT BE ALLOWED FOR APPLIANCE MODIFICATIONS BY THE CONTRACTOR.
6. COORDINATE LOCATIONS OF ELECTRICAL EQUIPMENT, DEVICES, OUTLETS, FIXTURES, ETC., WITH ARCHITECTURAL PLANS, ELEVATIONS AND REFLECTED CEILING PLANS PRIOR TO ROUGH-IN WORK.
7. ALL CONDUITS NOT LOCATED UNDER SLAB SHALL HAVE A MINIMUM BURIAL DEPTH OF 36" UNLESS NOTED OTHERWISE.
8. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION. REFER TO ARCHITECTURAL, LANDSCAPE , ETC. DRAWINGS FOR EXACT LOCATION AND SIZE OF EQUIPMENT WHICH ARE PROVIDED BY OTHERS AND CONNECTED BY ELECTRICAL.
9. RECEPTACLES, SWITCHES COLOR SHALL BE SELECTED BY THE OWNER / ARCHITECT FROM STANDARD COLORS. ALL COVER PLATES SHALL BE SELECTED BY THE ARCHITECT.
10. CONDUITS LEAVING OR ENTERING BUILDING SHALL BE SEALED PER N.E.C. TO PREVENT ENTRANCE OF MOISTURE.
11. ALL DIMENSIONS TO DEVICES A.F.F. SHALL BE TO CENTERLINE UNLESS NOTED OTHERWISE.
12. WORKING SPACE OF 36" FOR 120/240 SYSTEMS SHALL BE MAINTAINED IN FRONT OF ALL ELECTRICAL PANELS AND DEVICES.
13. ALL SIDEWALKS AND PARKING LOT ASPHALT AREAS THAT ARE CUT DUE TO NEW ELECTRICAL SERVICES SHALL BE REPAIRED TO MATCH EXISTING.
14. FINAL CONNECTION TO ALL EQUIPMENT IS SHOWN DIAGRAMMATIC. PROVIDE FINAL CONNECTION AS REQUIRED PER MANUFACTURER OF EQUIPMENT.
15. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CHARGES, PERMITS, FEES, ETC. RELATED TO THE CONSTRUCTION (THIS INCLUDES ALL ALABAMA POWER COMPANY FEES AND CHARGES FOR THE NEW SERVICE).

LIGHTING FIXTURE SCHEDULE

MARK	MANUFACTURER AND CATALOG NUMBER	LAMPS			TOTAL WATTS	VOLTAGE	MOUNTING	NOTES
		TYPE	#	WATTS				
PL	KENALL MLHA5S-B48-R-MW-PP-45L35K-CC-DV-DL-CMB	LED	N/A	45	45	MVOLT	SURFACE	LED SURFACE MOUNTED FIXTURE WITH EMERGENCY BATTERY BACK UP AS INDICATED ON PLANS
FP	NUVO 65-326	LED	N/A	50	50	MVOLT	SURFACE	2X4 LED FLAT PANEL FIXTURE WITH EMERGENCY BATTERY BACK UP AS INDICATED ON PLANS
EMEX	LITHONIA LHQMLEDRHOSD	LED	N/A	4	4	MVOLT	SURFACE	LED EMERGENCY / EXIT COMBO WITH EMERGENCY BATTERY BACK UP
WL2	KENALL CC-2-9-25L35K-DV-6	LED	N/A	25	25	MVOLT	SURFACE CORNER	LED VANDAL RESISTANT FIXTURE WITH EMERGENCY BATTERY BACK UP
WPX	LITHONIA WPX1LED240KMVOLTDDBXD	LED	N/A	24	24	MVOLT	SURFACE 8'-6" AFF	LED EXTERIOR EGRESS FIXTURE WITH EMERGENCY BATTERY BACK UP
WL4	TOPAZ FL440W40KD87	LED	N/A	40	40	MVOLT	WALL / CEILING	4' UTILITY LED FIXTURE WALL MOUNT IN SPACES WITH NO CEILING 8' AFF
NOTES	FIXTURES WITH HALF FILLED IN CENTER SHALL BE PROVIDED WITH AN EMERGENCY BALLAST, 1100 LUMENS OR THE MAXIMUM AVAILABLE FOR THE FIXTURE.							
	THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL MOUNTING HARDWARE AS REQUIRED FOR A COMPLETE INSTALLATION.							
	ALL FIXTURES ARE TO BE REVIEWED AND APPROVED BY OWNER PRIOR TO ORDER.							

COMcheck Software Version COMcheckWeb

Interior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: MIMS NEW RESTROOM CONCESSION BUILDING
Project Type: New Construction

Construction Site: 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 (ft2)	C Allowed Watts / ft2	D Allowed Watts
1-Office	817	0.74	603
		Total Allowed Watts =	603

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
1-Office				
LED: WL2: Other:	1	7	25	175
LED: WL4: Other:	1	6	40	240
LED: FP: Other:	1	3	50	150
			Total Proposed Watts =	565

Interior Lighting PASSES: Design 6% 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 COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Christina Marie - Professional Engineer — Name - Title; Signature; 11/25/2024 — Date

ALABAMA LICENSED No. 50660 PROFESSIONAL ENGINEER CHRISTINA MARIE 11/25/2024

Project Title: MIMS NEW RESTROOM CONCESSION BUILDING — Report date: 11/25/24
Data filename: — Page 1

COMcheck Software Version COMcheckWeb

Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: MIMS NEW RESTROOM CONCESSION BUILDING
Project Type: New Construction
Exterior Lighting Zone: 2 (Residentially zoned area (LZ2))

Construction Site: Owner/Agent: Designer/Contractor:

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts /	D Tradable Wattage	E Allowed Watts (B X C)
Entry canopy	1698 ft2	0.25	Yes	424
Pedestrian tunnel	320 ft2	0.15	Yes	48
			Total Tradable Watts (a) =	472
			Total Allowed Watts =	472
			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 Fixture	D Fixture Watt.	E (C X D)
Entry canopy (1698 ft2): Tradable Wattage				
LED: WPX: Other:	1	8	24	192
Pedestrian tunnel (320 ft2): Tradable Wattage				
LED: WPX: Other:	1	4	24	96
			Total Tradable Proposed Watts =	288

Exterior Lighting PASSES: Design 73% 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 COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Christina Marie - Professional Engineer — Name - Title; Signature; 11/25/2024 — Date

ALABAMA LICENSED No. 50660 PROFESSIONAL ENGINEER CHRISTINA MARIE 11/25/2024

Project Title: MIMS NEW RESTROOM CONCESSION BUILDING — Report date: 11/25/24
Data filename: — Page 2

2 ADDENDUM 7 - REVI. 12/05/24

dell consulting
MEP Engineering
Christina Marie 50660
Alabama Certificate Number CA-4146-E
813 Downtowner Blvd. Ste. D
Mobile, Alabama 36609
P: 251-316-0015 F: 850-332-6629
DELL CONSULTING PROJECT: 23-004-MIMS

2

CHRISTIANPREUS Landscape Architecture
850.939.5086
www.cpladesignplanning.com

ELECTRICAL LEGEND & NOTES FOR:
CITY OF MOBILE - MIMS PARK
Mobile, AL

SCALE: AS NOTED

ALABAMA LICENSED No. 50660 PROFESSIONAL ENGINEER CHRISTINA MARIE 10/15/2024

DATE: 10/15/2024

E2.0

dell consulting
MEP Engineering
Christina Marie 50660
Alabama Certificate Number CA-4146-E
813 Downtowner Blvd. Ste. D
Mobile, Alabama 36609
P: 251-316-0015 F: 850-332-6629
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CHRISTIANPREUS Landscape Architecture
855 939 5086
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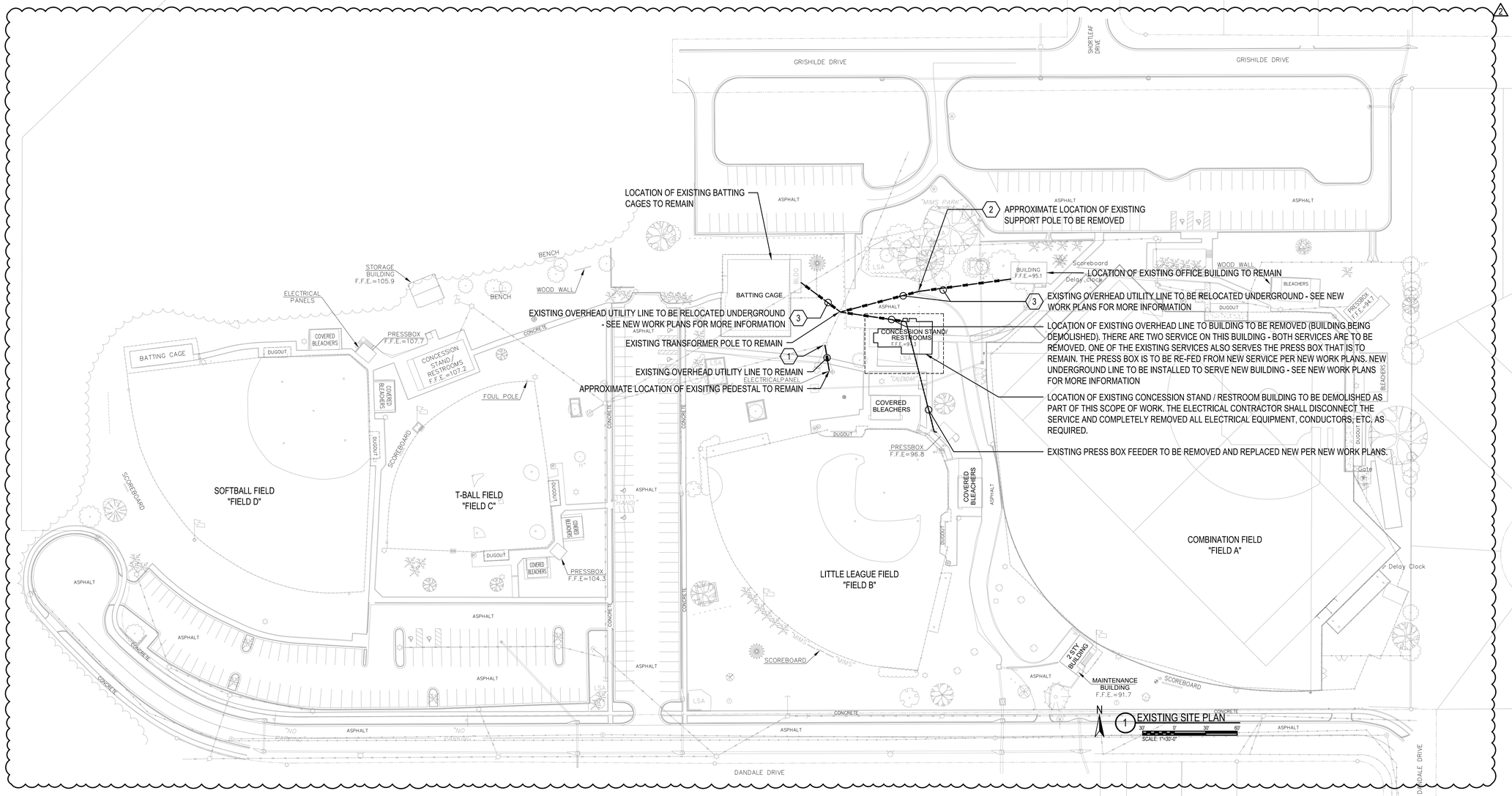


1 EXISTING SITE PLAN
SCALE: 1"=30'-0"

SHEET NOTES

1. AS A PART OF ADD ALTERNATE #2 THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ALABAMA POWER COMPANY TO RELOCATE THE EXISTING 3Ø TRANSFORMER POLE PER NEW WORK PLANS.
2. APPROXIMATE LOCATION OF EXISTING POLE TO BE COMPLETELY REMOVED. THE ELECTRICAL CONTRACTOR IS TO REMOVE THE POLE TO AT LEAST 2' BELOW FINAL FINISHED GRADE. ALL CONDUIT, WIRE, ETC. ASSOCIATED WITH THE LIGHT POLE IS TO BE COMPLETELY REMOVED. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE OWNER TO ENSURE ALL OTHER UTILITIES SUPPORTED FROM THIS POLE (INTERNET, CABLE, ETC.) IS RELOCATED PRIOR TO REMOVING.
3. APPROXIMATE LOCATION OF OVERHEAD UTILITY LINE TO BE RELOCATED UNDERGROUND - COORDINATE ALL ASPECTS OF THE RELOCATION WITH ALABAMA POWER COMPANY PRIOR TO BEGINNING ANY WORK.

1 EXISTING SITE PLAN
SCALE: 1"=50'-0"

2 ADDENDUM 7 - REVI. 12/05/24

EXISTING ELECTRICAL SITE PLAN FOR:
CITY OF MOBILE - MIMS PARK
Mobile, AL

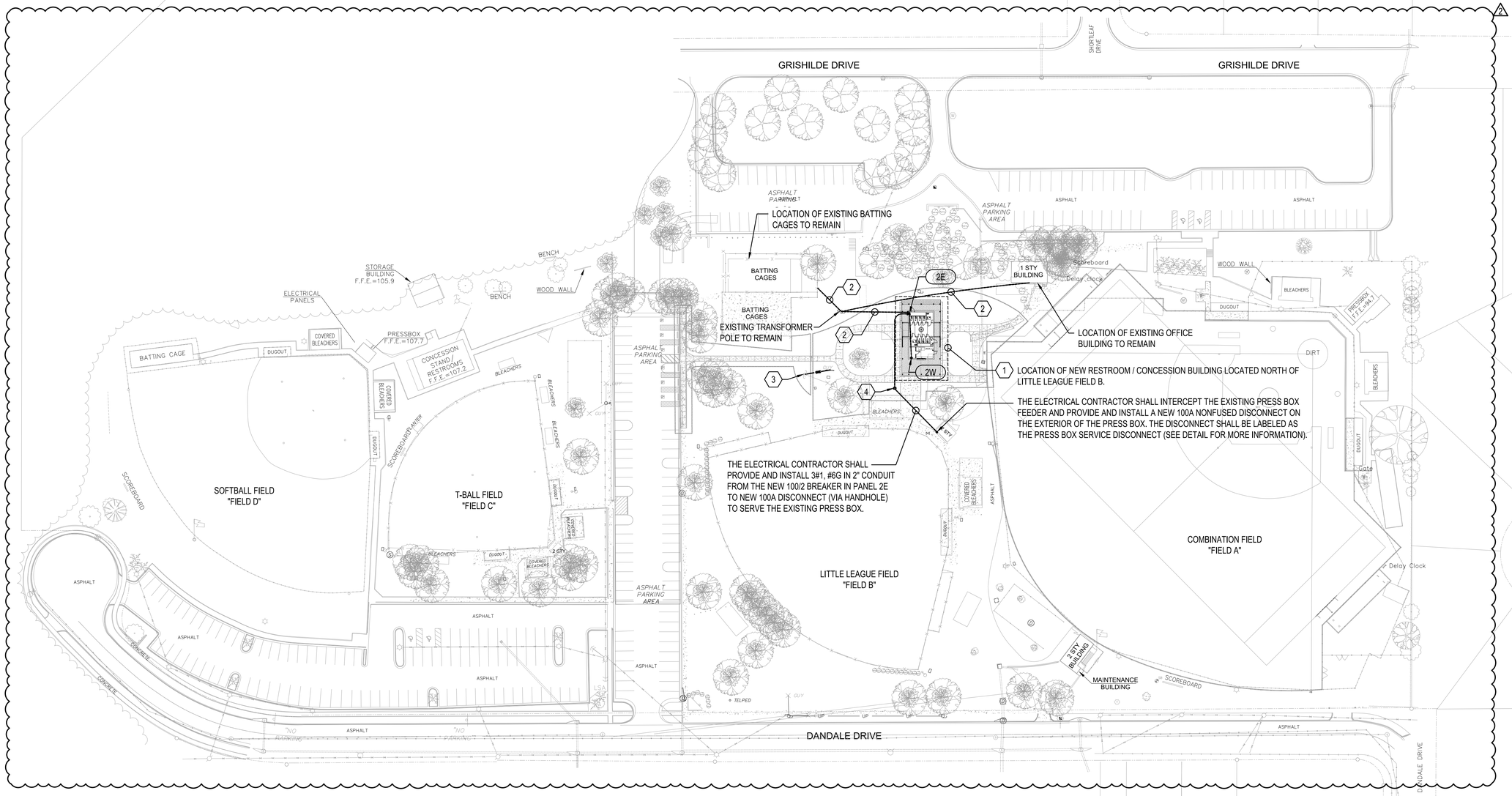
SCALE: AS NOTED

ALABAMA LICENSED No. 50660 PROFESSIONAL ENGINEER CHRISTINA MARIE DELL
10/15/2024

DATE: 10/15/2024

E3.0

dell consulting
MEP Engineering
Christina Marie 50660
Alabama Certificate Number CA-4146-E
813 Downtowner Blvd. Ste. D
Mobile, Alabama 36609
P: 251-316-0015 F: 850-332-6629
DELL CONSULTING PROJECT: 23-004-MIMS



SHEET NOTES

1. SEE ENLARGED PLAN FOR MORE INFORMATION.
2. NEW UNDERGROUND SERVICE CONDUCTORS - SEE SINGLE LINE RISER DIAGRAM FOR MORE INFORMATION. ALL ASPECTS OF THE NEW SERVICE IS TO BE COORDINATED WITH ALABAMA POWER COMPANY PRIOR TO BEGINNING ANY WORK.
3. AS A PART OF ADD ALTERNATE #2 THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL ASPECTS OF THE 3Ø TRANSFORMER POLE RELOCATION WITH ALABAMA POWER COMPANY PRIOR TO BEGINNING ANY WORK AND INCLUDE ALL ALL FEES FOR THIS RELOCATION IN THE ADD ALTERNATE #2 BID.
4. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A NEW HANDHOLE AT THIS APPROXIMATE LOCATION. SEE DETAIL FOR MORE INFORMATION.

GENERAL NOTES

1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL UNDERGROUND UTILITIES. NEW CONDUITS INSTALLED ARE TO BE INSTALLED TO AVOID CONFLICT WITH EXISTING TREE ROOT SYSTEMS AS WELL AS EXISTING UTILITIES.
2. ALL CONDUITS AND RACEWAYS ARE TO BE CONCEALED UNDERGROUND AND WITHIN THE STRUCTURE WHERE POSSIBLE. EXPOSED CONDUIT IS TO BE LIMITED; ALL EXPOSED CONDUIT TO BE GRS.

N

1 NEW WORK SITE PLAN

50' 0' 50' 100'

SCALE: 1"=50'-0"

ADDENDUM 3 - REVI. 11/1/24

2 ADDENDUM 7 - REVI. 12/05/24

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855 939 5086
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NEW WORK ELECTRICAL SITE PLAN FOR:
CITY OF MOBILE - MIMS PARK

SCALE: AS NOTED Mobile, AL

ALABAMA LICENSED No. 50660 PROFESSIONAL ENGINEER CHRISTINA MARIE
10/15/2024

DATE: 10/15/2024

E4.0

dell consulting
MEP Engineering
Christina Marie 50660
Alabama Certificate Number CA-4146-E
813 Downtowner Blvd. Ste. D
Mobile, Alabama 36609
P: 251-316-0015 F: 850-332-6629
DELL CONSULTING PROJECT: 23-004-MIMS

CHRISTIANPREUS Landscape Architecture
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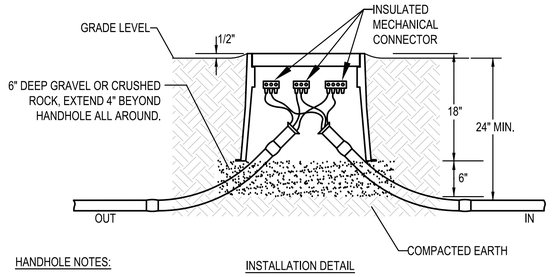
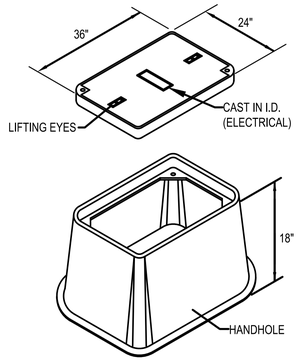


HANDHOLE NOTES:

INSTALLATION DETAIL



HANDHOLE AS QUAZITE PG2436HH0017 BOX COMPLETE WITH PG2436HA0017 COVER. COVER SHALL BE TRAFFIC RATED FOR 22,500 LBS.

CONSTRUCTION DETAIL

1. HANDHOLE SHALL HAVE LOGO CAST IN COVER (LOGO=ELECTRICAL). INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS AND THESE REQUIREMENTS.
2. TERMINATE CONDUITS ENTERING HANDHOLE WITH END BELL. CONSTRUCT CONDUIT RISE TO ENTER BOX FROM SIDE WITH 22-1/2° SWEEP ELBOWS.
3. CONDUITS ENTERING AND LEAVING HANDHOLE SHALL BE SEALED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE ARTICLES 514 AND 501.15.

4 ELECTRICAL HANDHOLE DETAIL

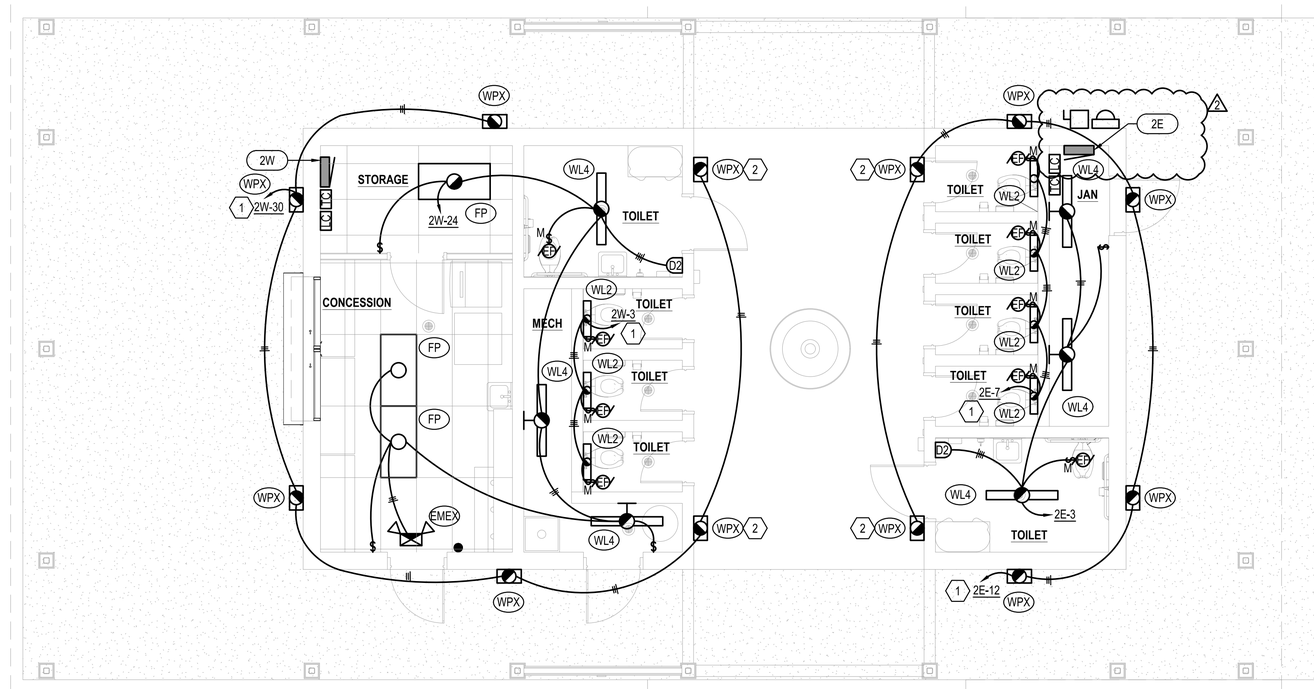
NOT TO SCALE

SHEET NOTES

1. THIS CIRCUIT SHALL BE ROUTED THROUGH THE DIGITAL TIMER. THE TIME CLOCK SHALL BE PROGRAMMED TO TURN THE LIGHTS "ON" AND "OFF" AT THE OWNER'S DESIGNATED TIME. PROVIDE WITH nPP16EFP RELAY SWITCHING POWER PACK OR APPROVED EQUAL AS RECOMMENDED BY THE MANUFACTURER. SEE DETAIL THIS SHEET.
2. THE FINAL MOUNTING HEIGHT OF THIS WPX FIXTURE TO BE COORDINATED WITH ARCHITECT **PRIOR** TO ROUGH IN TO AVOID CONFLICT WITH BEAM. ADJUST LOCATION AS DIRECTED BY THE ARCHITECT, LANDSCAPE ARCHITECT AND OWNER.

GENERAL NOTES

1. COORDINATE INTERLOCK OF EXHAUST FANS WITH LIGHTING CIRCUIT WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH IN.
2. ALL CONDUITS AND RACEWAYS ARE TO BE CONCEALED UNDERGROUND AND WITHIN THE STRUCTURE WHERE POSSIBLE. EXPOSED CONDUIT IS TO BE LIMITED; ALL EXPOSED CONDUIT TO BE GRS.

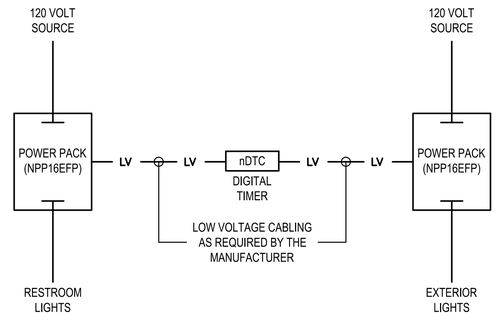


N

1 NEW RESTROOM / CONCESSION BUILDING NEW WORK LIGHTING PLAN

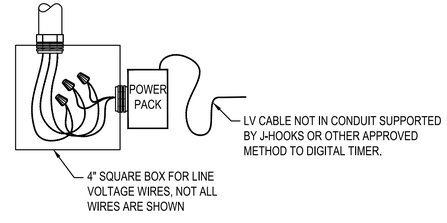
4' 0' 4' 8'

SCALE: 1/4"=1'-0"



3 DIGITAL TIMECLOCK DIAGRAM

NOT TO SCALE SYMBOL: LTC



2 DIGITAL TIMER POWER PACK DETAIL

NOT TO SCALE

2 ADDENDUM 7 - REVI. 12/05/24

NEW WORK LIGHTING PLAN FOR:
CITY OF MOBILE - MIMS PARK
Mobile, AL

SCALE: AS NOTED

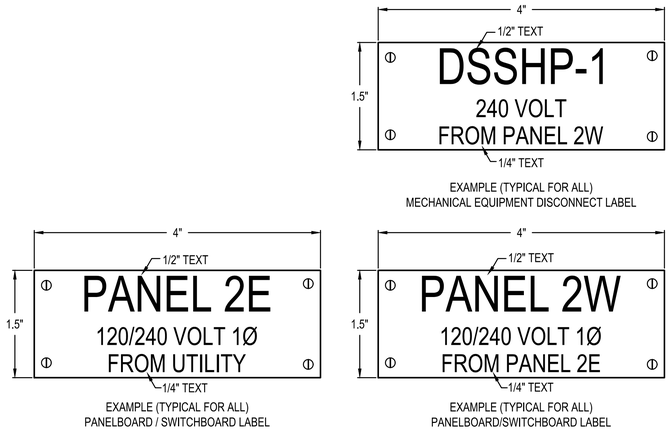
ALABAMA LICENSED No. 50660 PROFESSIONAL ENGINEER CHRISTINA MARIE

DATE: 10/15/2024

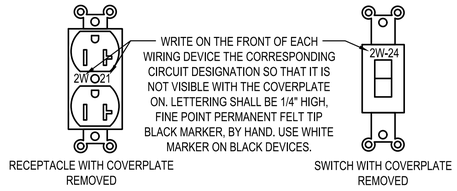
E5.0

dell consulting
MEP Engineering
Christina Marie 50660
Alabama Certificate Number CA-4146-E
813 Downtowner Blvd. Ste. D
Mobile, Alabama 36609
P: 251-316-0015 F: 850-332-6629
DELL CONSULTING PROJECT: 23-004-MIMS

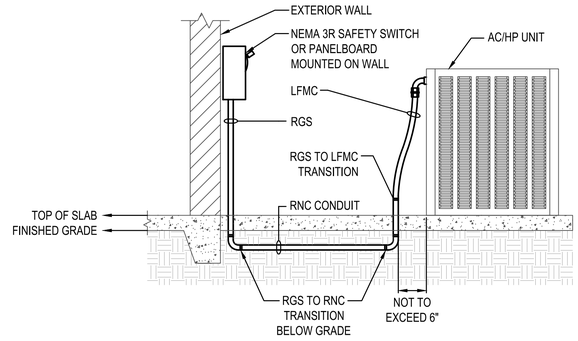
CHRISTIANPREUS Landscape Architecture
855 939 5086
www.cpladesignplanning.com



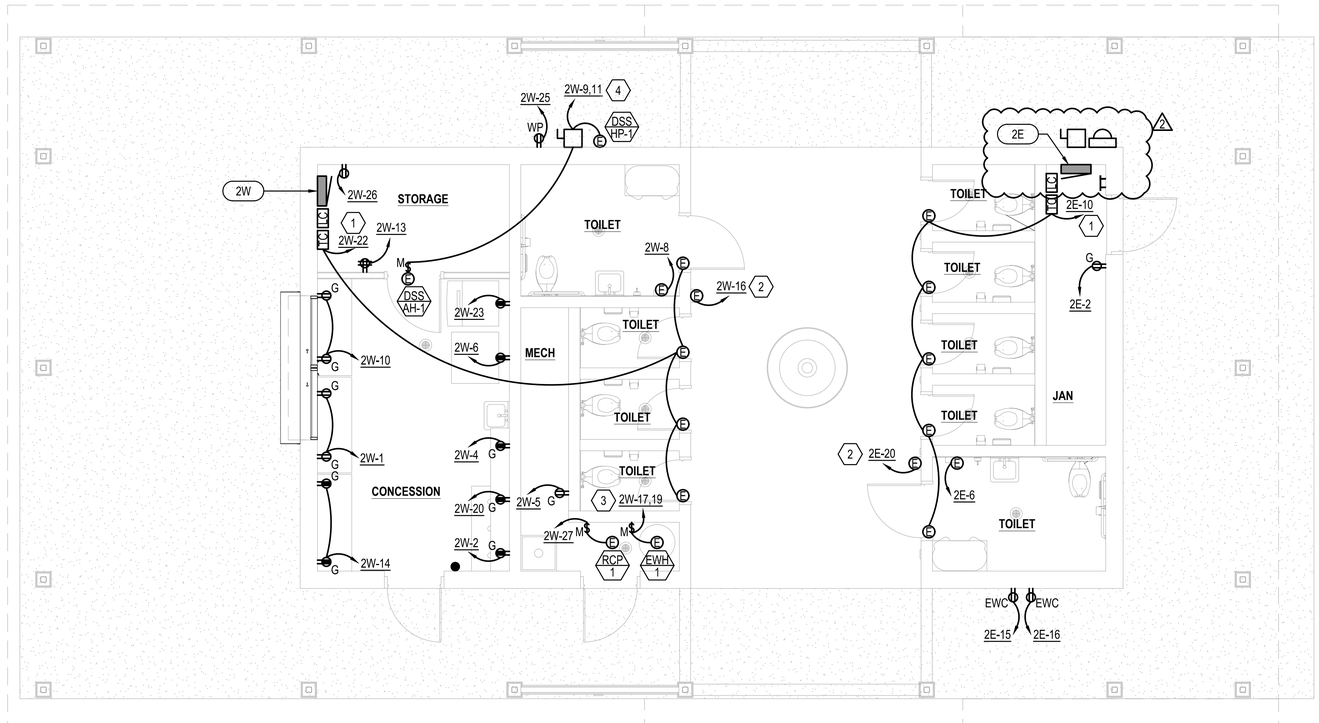
2 TYPICAL EQUIPMENT LABELING DETAIL
NOT TO SCALE



3 WIRING DEVICE LABEL DETAIL
NOT TO SCALE



4 TYPICAL EXTERIOR DSSHP CONNECTION DETAIL
NOT TO SCALE



NEW RESTROOM / CONCESSION BUILDING
NEW WORK POWER PLAN
N
SCALE: 1/4"=1'-0"

SHEET NOTES

1. DOOR CONTROLS. COORDINATE THE INSTALLATION / REQUIREMENTS WITH THE ARCHITECT PRIOR TO ROUGH-IN. THE CONTRACTOR SHALL PROVIDE AND INSTALL A NEW 20/1 BREAKER IN NEW PANEL TO SERVE THE NEW DOOR CONTROLS. DOOR TIMER CONTROLS SHALL BE INSTALLED IN THE MECHANICAL ROOM. FINAL LOCATION AND PROGRAMMING OF DOOR TIMER CONTROLS TO BE COORDINATED WITH OWNER PRIOR TO ROUGH IN.
2. NEW HAND DRYER. COORDINATE THE INSTALLATION / POWER REQUIREMENTS WITH THE ARCHITECT / EQUIPMENT PROVIDER PRIOR TO ROUGH-IN.
3. NEW ELECTRIC WATER HEATER. COORDINATE THE INSTALLATION / POWER REQUIREMENTS WITH THE ARCHITECT / EQUIPMENT PROVIDER PRIOR TO ROUGH-IN.
4. NEW DUCTLESS SPLIT SYSTEM UNIT. COORDINATE THE INSTALLATION / POWER REQUIREMENTS WITH THE ARCHITECT / EQUIPMENT PROVIDER PRIOR TO ROUGH-IN. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL CABLING IN 1" CONDUIT AS RECOMMENDED BY THE MANUFACTURER. THE UNIT IS MOUNTED BEHIND A SCREEN WALL AT 9' A.F.F. - DISCONNECT AND SERVICE RECEPTACLE ARE TO BE MOUNTED UP AT THE UNIT PLATFORM. FIELD COORDINATE MOUNTING HEIGHT WITH MECHANICAL CONTRACTOR AND FINAL LOCATION OF UNIT PRIOR TO ROUGH IN.

GENERAL NOTES

1. ALL CONDUITS AND RACEWAYS ARE TO BE CONCEALED UNDERGROUND AND WITHIN THE STRUCTURE WHERE POSSIBLE. EXPOSED CONDUIT IS TO BE LIMITED; ALL EXPOSED CONDUIT TO BE GRS.

2 ADDENDUM 7 - REVI. 12/05/24

NEW WORK POWER PLAN FOR:
CITY OF MOBILE - MIMS PARK
Mobile, AL

SCALE: AS NOTED

ALABAMA LICENSED No. 50660 PROFESSIONAL ENGINEER CHRISTINA MARIE
10/15/2024

DATE: 10/15/2024

E6.0

PANELBOARD SCHEDULE

MARK: PANEL 2W

CKT #	LOAD DESCRIPTION	BREAKER P	BREAKER TRIP	PHASE (kVA) A	PHASE (kVA) B	PHASE (kVA) A	PHASE (kVA) B	BREAKER TRIP	BREAKER P	LOAD DESCRIPTION	CKT #
1	CONCESSION RECEPTACLES	1	20	0.4		1.0		20	1	CONCESSION RECEPTACLES	2
3	INTERIOR LIGHTING	1	20		0.3		1.0	20	1	CONCESSION RECEPTACLES	4
5	SERVICE RECEPTACLE	1	20	0.2		1.0		20	1	CONCESSION RECEPTACLES *	6
7	SPARE	1	20				1.5	20	1	HAND DRYER *	8
9	DSSHP-1/	2	30	1.8		0.4		20	1	CONCESSION RECEPTACLES	10
11	DSSAH-1				1.8			20	1	SPARE	12
13	POWER FOR FUTURE NVR	1	20	0.5		0.4		20	1	CONCESSION RECEPTACLES	14
15	SPARE	1	20					20	1	SPARE	16
17	EWH-1	2	30	2.3		1.5		20	1	HAND DRYER *	18
19					2.3		1.0	20	1	CONCESSION RECEPTACLES	20
21	SPARE	1	20			0.2		20	1	DOOR MAG LOCKS	22
23	CONCESSION RECEPTACLES *	1	20		1.0		0.3	20	1	INTERIOR LIGHTING	24
25	SERVICE RECEPTACLE	1	20	0.2		0.2		20	1	STORAGE RECEPTACLE	26
27	RCP-1	1	20		0.7			20	1	SPARE	28
29	SPARE	1	20			0.2		20	1	EXTERIOR LIGHTS	30
				5.3	6.1	4.8	3.8				

TOTAL (kVA) ØA 10.1 ØB 10.0 HIGH PHASE (AMPS) 84.3

TOTAL CONNECTED LOAD (kVA) 20.1 TOTAL LOAD (AMPS) 83.7

CREATE A DIRECTORY TO INDICATE INSTALLED LOADS. INDICATE LOAD TYPE (REC, LTG, AHU-1, ETC.) & ROOM NUMBERS FOR EVERY BRANCH CIRCUIT.

* PROVIDE THIS CIRCUIT WITH A GFCI BREAKER.

PANELBOARD SCHEDULE

MARK: PANEL 2E

CKT #	LOAD DESCRIPTION	BREAKER P	BREAKER TRIP	PHASE (kVA) A	PHASE (kVA) B	PHASE (kVA) A	PHASE (kVA) B	BREAKER TRIP	BREAKER P	LOAD DESCRIPTION	CKT #
1	SPARE	1	20			0.2		20	1	GENERAL RECEPTACLES	2
3	INTERIOR LIGHTING	1	20		0.1			20	1	SPARE	4
5	SPARE	1	20			1.5		20	1	HAND DRYER *	6
7	INTERIOR LIGHTING	1	20		0.2			20	1	SPARE	8
9	PANEL 2W	2	125	10.1		0.5		20	1	DOOR MAG LOCKS	10
11					10.0		0.2	20	1	EXTERIOR LIGHTING	12
13	SPARE	1	20					20	1	SPARE	14
15	EWC *	1	20		0.2		0.2	20	1	EWC *	16
17	EXISTING	2	100	9.6				20	1	SPARE	18
19	PRESSBOX				9.6		1.5	20	1	HAND DRYER *	20
21	SPARE	2	60					20	1	SPARE	22
23								20	1	SPARE	24
				19.7	20.1	2.2	1.9				

TOTAL (kVA) ØA 21.9 ØB 21.9 HIGH PHASE (AMPS) 182.8

TOTAL CONNECTED LOAD (kVA) 43.9 TOTAL LOAD (AMPS) 182.7

CREATE A DIRECTORY TO INDICATE INSTALLED LOADS. INDICATE LOAD TYPE (REC, LTG, AHU-1, ETC.) & ROOM NUMBERS FOR EVERY BRANCH CIRCUIT.

* PROVIDE THIS CIRCUIT WITH A GFCI BREAKER.

MECHANICAL EQUIPMENT ELECTRICAL SCHEDULE

MARK	ITEM	VOLTAGE/Ø	MCA	LOAD	MEANS OF DISCONNECT*	C/B TRIP (AMPS)	CIRCUIT Ø	CIRCUIT GROUND	CIRCUIT CONDUIT	SERVING PANEL	NOTES
EWH-1	ELECTRIC WATER HEATER	240/1	25	4.5 KW	TSM	30	2#10	#10	3/4"C	2W	
RCP-1	RECIRCULATION PUMP	120/1	20	1/5 HP	TSM	20	2#12	#12	3/4"C	2W	
EF-1	EXHAUST FAN	120/1	20	89 WATTS	TSM	20	2#12	#12	3/4"C	2W/2E	
DSS	DUCTLESS SPLIT SYSTEM	240/1	30	3.6 KVA	TSM	30	2#10	#10	1/2"C	2W	

NOTES

*N1=NEMA 1, N3R=NEMA 3R, SS=SAFETY SWITCH, FSS=FUSED SAFETY SWITCH, C/B=SERVING C/B, TS=MANUAL TOGGLE SWITCH, TSM=MOTOR RATED TS

1. DISCONNECT INTEGRAL TO EQUIPMENT BY DIVISION 15.
2. PROVIDE FVNR ENCLOSED MAGNETIC MOTOR STARTER NEMA SIZED AS REQUIRED.
3. PROVIDE COMBINATION FVNR ENCLOSED MAGNETIC MOTOR STARTER NEMA SIZED AS REQUIRED.
4. PROVIDE MOTOR RATED POWER RELAY IN NEMA 1 ENCLOSURE FOR CONTROL OF EQUIPMENT.
5. VFD W/INTEGRAL DISCONNECT PROVIDED BY DIVISION 15, CONNECTED BY DIVISION 16.
6. PROVIDE AUXILIARY CONTACT IN SAFETY SWITCH. SEE DETAIL.

PANELBOARD INFORMATION SCHEDULE

MARK	ENCLOSURE TYPE	MOUNTING STYLE	VOLTAGE	Ø	WIRE	MAIN BKR	IF MLO, SERVING BKR	SERVICE RATED	kAIC RATING	Ø BUS RATING (A)	N BUS RATING	FEEDER CONDUCTORS	FEEDER GROUND	FEEDER CONDUIT	NOTES
2E	NEMA 1	SURFACE	120/240	1	3	225	N/A	NO	10	225	100%	3#4/0	#4	2 1/2"C	
2W	NEMA 1	SURFACE	120/240	1	3	MLO	125	NO	10	125	100%	3#1/0	#6	2"C	

NOTES

ALL PANELBOARDS ARE TO HAVE COPPER BUS.

ALL PANELBOARDS ARE TO HAVE ARC FLASH WARNING LABEL IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE ARTICLE 110.16

NOTE: THIS IS AN ELECTRICAL POWER DISTRIBUTION SYSTEM SINGLE LINE DIAGRAM, NOT ALL MECHANICAL EQUIPMENT CIRCUITS AND BRANCH CIRCUITS ARE SHOWN

NOTE: OCPDs ON THE SECONDARY OF DRY-TYPE XFMRS SHALL BE INSTALLED WITHIN 10' PER NEC 240.21(C)(2)

NOTE: LOCATION OF MAIN BREAKERS AND FEEDERS INTO EQUIPMENT IS NOT INTENDED TO SHOW TOP OR BOTTOM MOUNTED MAIN BREAKER OR BOTTOM, TOP OR SIDE FEEDER ENTRY. THE SINGLE LINE DIAGRAM IS PURELY DIAGRAMMATIC. CONTRACTOR SHALL VERIFY PROPER BREAKER POSITIONS AND FEEDER ENTRIES INTO EQUIPMENT AND PROVIDE AS REQUIRED.

SINGLE LINE DIAGRAM LEGEND

XXX — FAULT CURRENT TAG. AVAILABLE SYMMETRICAL FAULT CURRENT IN kA AT EQUIPMENT INDICATED. BASED ON XXXXkVA UTILITY TRANSFORMER.

CIRCUIT BREAKER

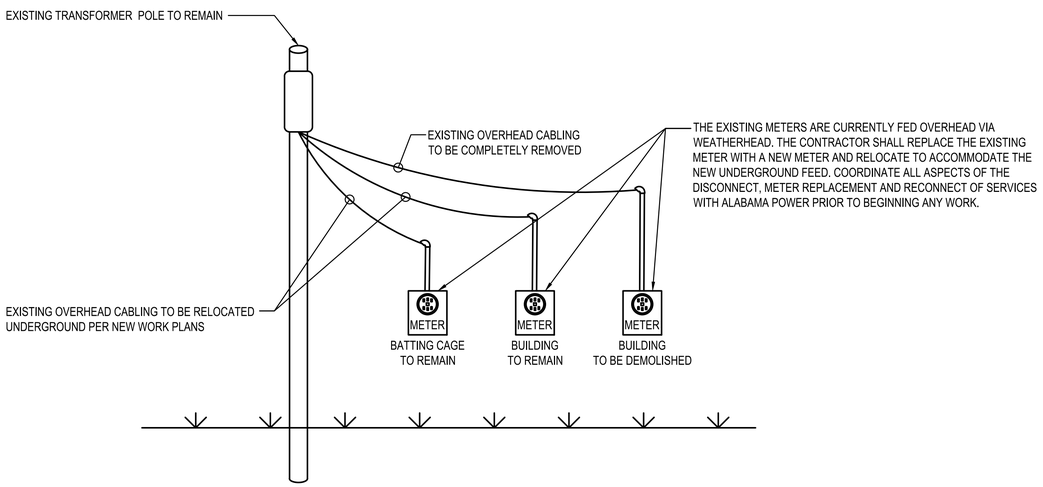
NORMAL POWER FEEDER/CKT.

GROUNDING ELECTRODE AND GROUNDING ELECTRODE CONDUCTOR

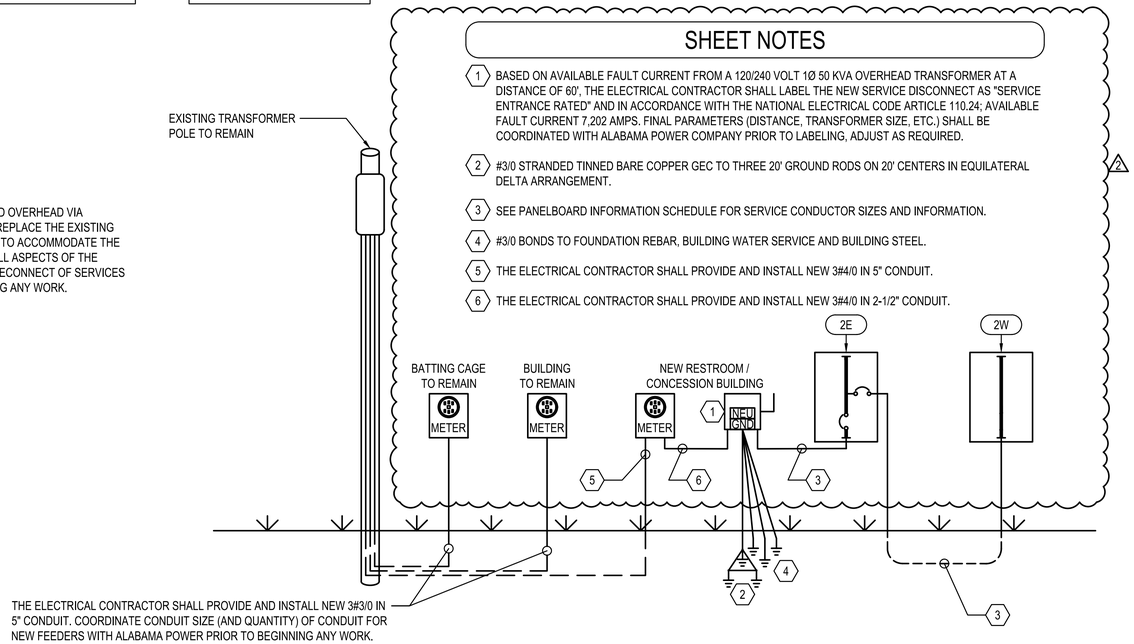
PANELBOARD. SEE PANELBOARD INFORMATION SCHEDULE FOR FEEDER SIZE AND PANELBOARD SIZE & DATA.

SHEET NOTES

1. BASED ON AVAILABLE FAULT CURRENT FROM A 120/240 VOLT 1Ø 50 KVA OVERHEAD TRANSFORMER AT A DISTANCE OF 60', THE ELECTRICAL CONTRACTOR SHALL LABEL THE NEW SERVICE DISCONNECT AS "SERVICE ENTRANCE RATED" AND IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE ARTICLE 110.24; AVAILABLE FAULT CURRENT 7,202 AMPS. FINAL PARAMETERS (DISTANCE, TRANSFORMER SIZE, ETC.) SHALL BE COORDINATED WITH ALABAMA POWER COMPANY PRIOR TO LABELING, ADJUST AS REQUIRED.
2. #3/0 STRANDED TINNED BARE COPPER GEC TO THREE 20' GROUND RODS ON 20' CENTERS IN EQUILATERAL DELTA ARRANGEMENT.
3. SEE PANELBOARD INFORMATION SCHEDULE FOR SERVICE CONDUCTOR SIZES AND INFORMATION.
4. #3/0 BONDS TO FOUNDATION REBAR, BUILDING WATER SERVICE AND BUILDING STEEL.
5. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL NEW 3#4/0 IN 5" CONDUIT.
6. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL NEW 3#4/0 IN 2-1/2" CONDUIT.



1 EXISTING SINGLE LINE RISER DIAGRAM
NOT TO SCALE



2 MODIFIED SINGLE LINE RISER DIAGRAM
NOT TO SCALE

2 ADDENDUM 7 - REVI. 12/05/24

dell consulting
MEP Engineering
Christina Marie 50660
Alabama Certificate Number CA-4146-E
813 Downtowner Blvd. Ste. D
Mobile, Alabama 36609
P: 251-316-0015 F: 850-332-6629
DELL CONSULTING PROJECT: 23-004-MIMS

CHRISTIANPREUS Landscape Architecture
855.939.5086
www.cpladesignplanning.com

ELECTRICAL SCHEDULES & DETAILS FOR:
CITY OF MOBILE - MIMS PARK
Mobile, AL

SCALE: AS NOTED

ALABAMA LICENSED No. 50660 PROFESSIONAL ENGINEER CHRISTINA MARIE DELL
10/15/2024

DATE: 10/15/2024

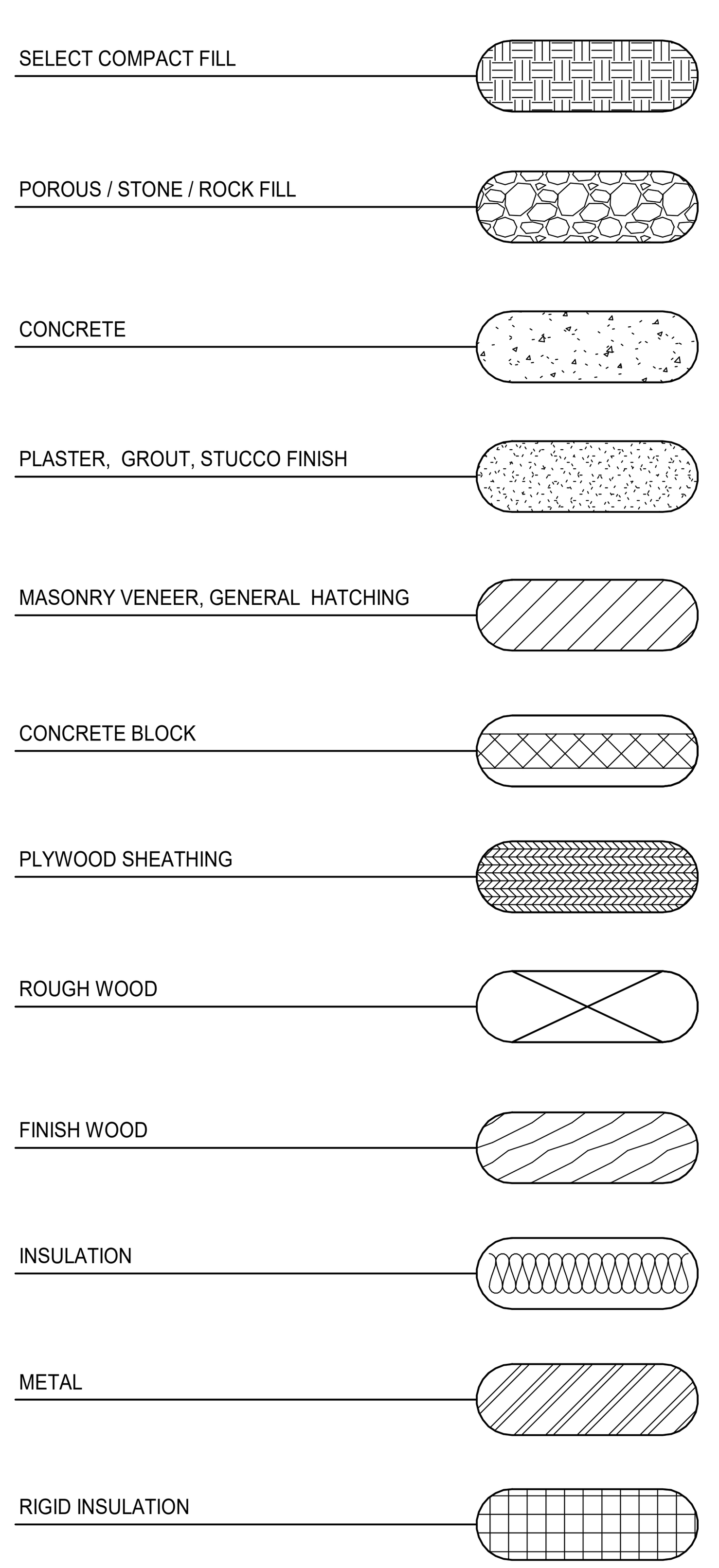
E7.0

ABBREVIATIONS

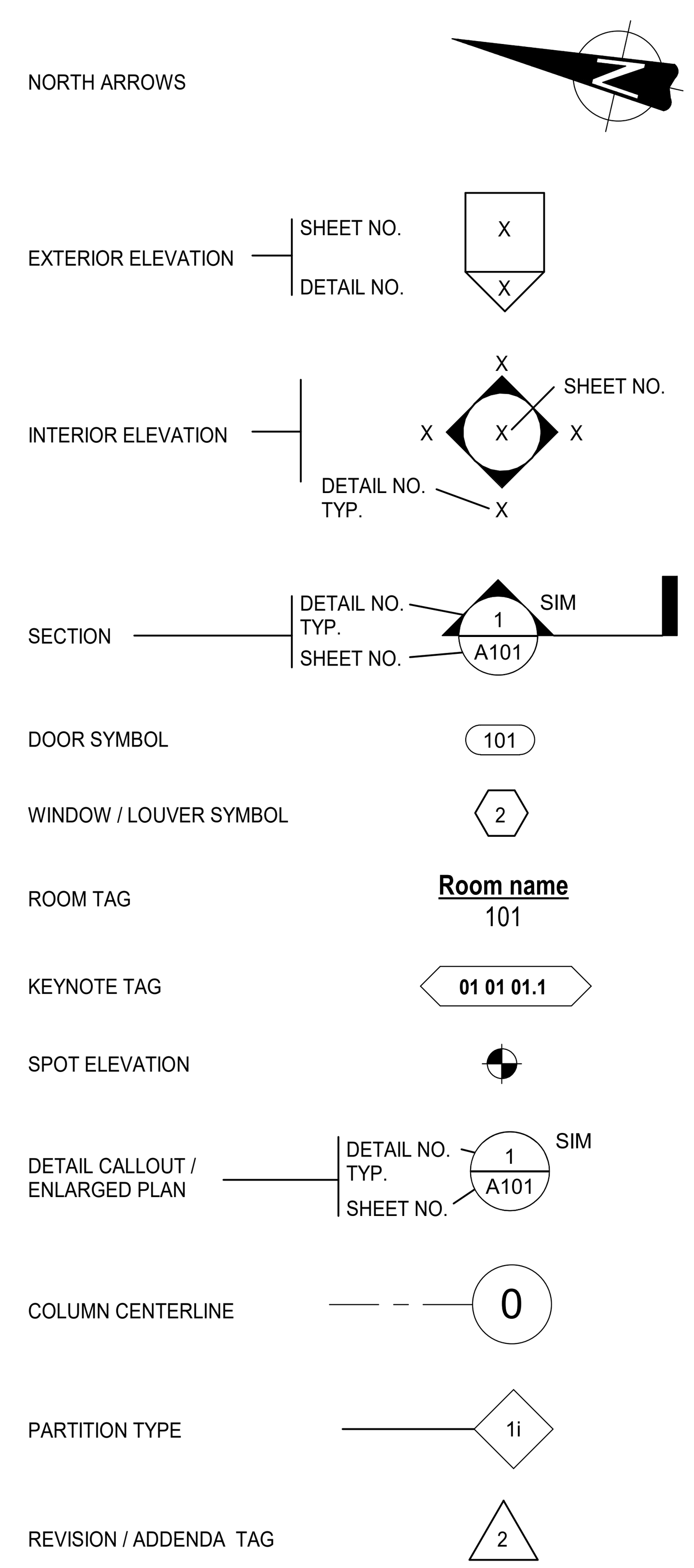
THIS LIST IS NOT ALL INCLUSVE

A.F.F.	ABOVE FINISHED FLOOR
A.C.T.	ACOUSTICAL TILE
ADJ	ADJACENT
ADJT	ADJUSTABLE
ALT	ALTERNATE
ALUM	ALUMINUM
ANOD	ANODIZED
BRG	BEARING
B.M.	BENCH MARK
BLKG	BLOCKING
BD	BOARD
BTM	BOTTOM
CIP	CAST IN PLACE
CLG	CEILING
CLOS	CLOSET
CO	CLEAN OUT
CLR	CLEAR
COL	COLUMN
CONC	CONCRETE
CMU	CONCRETE MASONRY UNIT
CONT	CONTINUOUS
CJ	CONTROL JOINT
CG	CORNER GUARD
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
DTL	DETAIL
DIAG	DIAGONAL
DIA	DIAMETER
DIM	DIMENSION
D.S.	DOWNSPOUT
D	DRAIN
D.F.	DRINKING FOUNTAIN
EP	ELECTRICAL PANELBOARD
EWC	ELECTRIC WATER COOLER
EL	ELEVATION
EQ	EQUAL
EF	EXHAUST FAN
EXIST	EXISTING
E.J.	EXPANSION JOINT
F.V.	FIELD VERIFY
F.O.C.	FACE OF CONCRETE
F.O.F.	FACE OF FINISH
F.O.M.	FACE OF MASONRY
F.O.S.	FACE OF STUD
F.O.W.	FACE OF WALL
FIN	FINISH
FIN. FLR.	FINISH FLOOR
F.E.C.	FIRE EXTINGUISHER CABINET
FA	FIRE ALARM
FH	FIRE HYDRANT
FL	FLOOR
FTG	FOOTING
FDN	FOUNDATION
FD	FLOOR DRAIN
GA	GAUGE
GALV	GALVANIZED
GWB	GYPSUM WALLBOARD
GYP	GYPSUM
HC	HANDICAP
HDW	HARDWARE
HVAC	HEATING / VENTILATION / AC
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HB	HOSE BIBB
HR	HOUR
INSUL	INSULATION
IN	INCH
INT	INTERIOR
MFR	MANUFACTURER
M.O.	MASONRY OPENING
MAT	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MTL	METAL
MIN	MINIMUM
MISC	MISCELLANEOUS
MTD	MOUNTED
MUL	MULLION
NOM	NOMINAL
N	NORTH
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
NO	NUMBER
O.C.	ON CENTER
OPNG	OPENING
OD	OUTSIDE DIAMETER
OPP.	HAND OPPOSITE HAND
O.H.	OVER HEAD
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
P. LAM	PLASTIC LAMINATE
PART.	PARTITION
PC	PRECAST CONCRETE
PL	PLATE
PLYWD	PLYWOOD
PIP	POURED IN PLACE
PREFAB	PREFABRICATED
PTC	POST TENSIONED CONCRETE
P.T.	PRESSURE TREATED
PVC	POLYVINYL CHLORIDE
RAD.	RADIUS
REQ.	REQUIRED
R.D.	ROOF DRAIN
R.O.	ROUGH OPENING
R.O.W.	RIGHT OF WAY
RM	ROOM
REF	REFERENCE
REV.	REVISION
SCHED	SCHEDULE
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SK	SKYLIGHT
SPKR	SPEAKER
SPEC	SPECIFICATIONS
S.S.	STAINLESS STEEL
STD	STANDARD
STA	STATION
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
SUSP CL	SUSPENDED CEILING
S.F.	SQUARE FEET
TEL	TELEPHONE
THK	THICK
T&G	TONGUE AND GROOVE
T/B	TOP AND BOTTOM
T.O.C.	TOP OF CONCRETE
T.O.M.	TOP OF MASONRY
T.O.S.	TOP OF STEEL
T.O.W.	TOP OF WALL
TYP	TYPICAL
U.N.O.	UNLESS OTHERWISE NOTED
UL	UNDERWRITERS LABORATORIES
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VTR	VENT THROUGH ROOF
WH	WALL HYDRANT
WC	WATER CLOSET
WP	WATERPROOFING
WT	WEIGHT
WWF	WELDED WIRE FABRIC
WIN	WINDOW
W/	WITH
W/O	WITHOUT
WD	WOOD

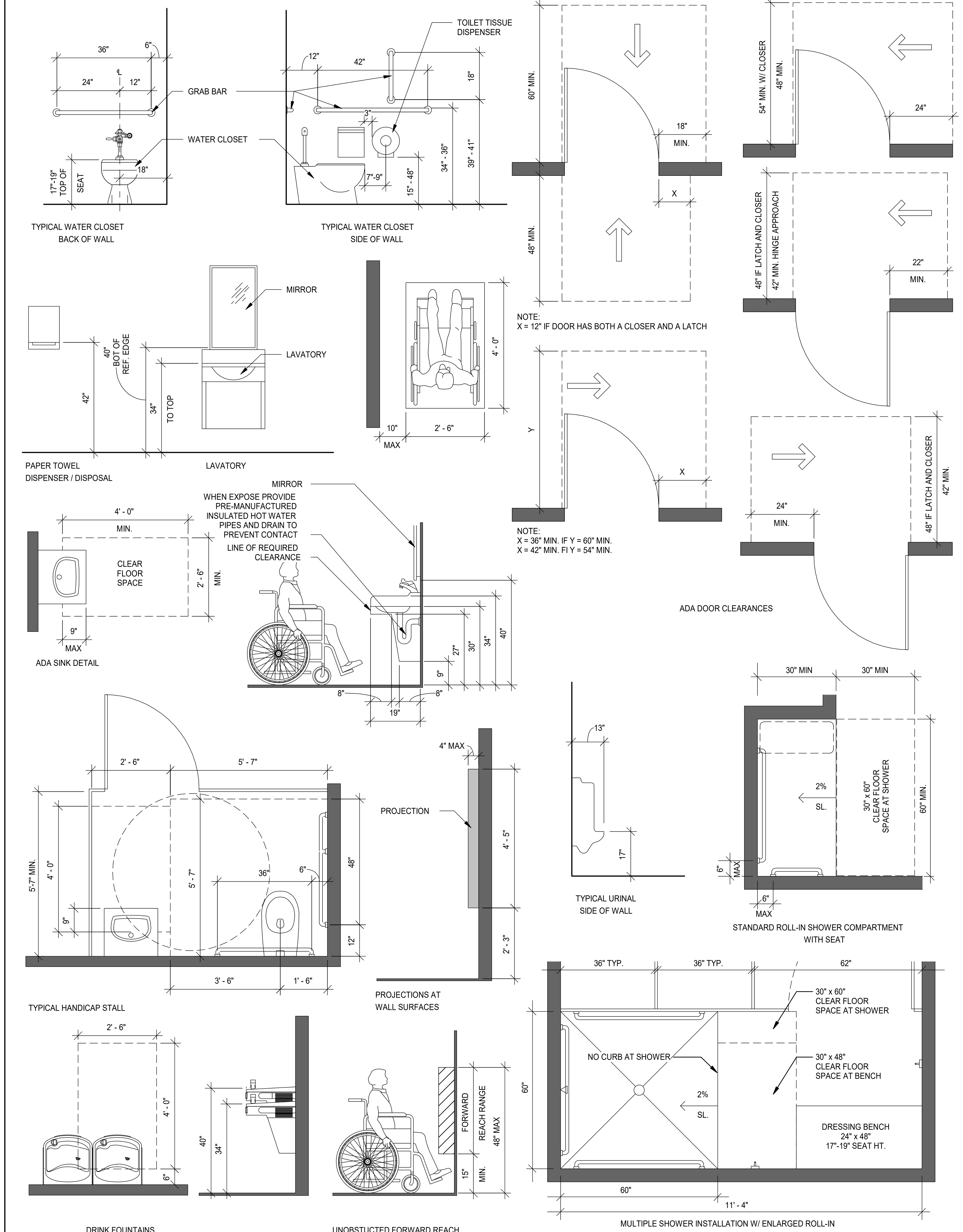
MATERIALS LEGEND



SYMBOLS LEGEND



ADA STANDARDS AND REQUIRED CLEARANCES



MOTT MACDONALD
107 St. Francis Street
Suite 2900,
Mobile, Alabama 36602
Telephone: (251) 343-4366
Fax: (251) 343-6902
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ARCHITECTURAL DRAWINGS FOR:
CITY OF MOBILE- MIMS PARK
Mobile, AL 36693

As indicated

SCALE

ISSUED FOR PERMIT

DATE: May 5, 2024

G1.0

BUILDING CODE SUMMARY

2. LEAD DESIGN PROFESSIONAL Mott MacDonald – Andrew P Marasca

Designer	Name	License #	Phone #
Architectural	Mott MacDonald -Andrew P. Marasca	6996	251-298-8476
Civil	Mott MacDonald - Baker Davis	31602	251-287-9400
Electrical	DELL Consulting - Andy Maurin	25105	251-316-0015
Fire Alarm	DELL Consulting - Andy Maurin	25105	251-316-0015
Plumbing	Smith Consulting - Roger Smith	24744	251.402.1364
Mechanical	Smith Consulting - Roger Smith	24744	251.402.1364

1. GENERAL INFORMATION

Name of Project Mims Park - New Recreational Facility

Project Address 5400 Grishilde Dr. Mobile, AL 36693

Proposed Use Utility (IBC)

Architects/Engineers letter of Supervision Provided? ___ Yes ___No

1. 1 Codes used in design (Check all that apply)

X	2021 International Building Code	X	2020 National Electrical Code
X	2021 International Existing Building Code	X	2021 International Mechanical Code
X	2021 International Fire Code	X	2021 International Plumbing Code
X	2015 International Energy Conservation Code	X	2021 International Fuel Gas Code

1.2 Construction Description

___ Addition ___ Alteration _X_ New Construction
___ Renovation of Existing Building ___ Tenant Build-Out ___ Shell

Scope of Work - Building:
The Building is primarily constructed of ground face CMU on a Turned Down Concrete Footing system. The Roof structure is a mixture of 2x wood framing and engineered wood members. The Roof is Standing Seamed Metal over Self Adhered Moisture Barrier on a Plywood Deck. Exterior doors are Aluminum in Aluminum Frames. Windows are Aluminum with Insulated Impact Rated Glass.

Scope of Work - Electrical:
The new building will be provided with a new underground 120/240 volt single phase electrical service. the intent is to provide a new underground secondary feeder from the Alabama Power Company service at the property line. The interior lighting will be 120 volt LED fixtures with controls in compliance with the International Energy Conservation Code as adopted by the City of Mobile. The interior electrical distribution will be as the programming dictates with general purpose receptacles placed to serve the space. All receptacles will be tamper resistant. All wiring will be copper. All work will be in accordance with the National Electrical Code.

Scope of Work – Mechanical / Refrigeration:
The new building will be provided with a wall mount AC unit system to condition concession space. Supply and return air will be fully ductless throughout the concession space. All work will be in accordance with the 2021 International Mechanical Code and the 2015 International Energy Conservation Code.

Scope of Work - Plumbing:
The new building will be provided with restroom facilities, a janitor's sink, and a concession fixtures. Hot water will be provided with and electric tank water heater. Hot water will be recirculated to the lavatories. All work will be in accordance with the 2021 International Plumbing Code and the 2015 International Energy Conservation Code.

2. BUILDING DATA

Total Lot Area (sf) N/A Gross Area of Building All floors (sf) 2677

Total Building Footprint (sf) 2433 Building Height: 27' 6"

Number of Stories: 1 Is there a basement? ___Yes _X_No

Existing Buildings: N/A
The building will remain in operation during construction ___Yes ___No
If yes, add provisions for rigid safety barriers and dust barriers to protect the public during construction in accordance with the applicable provisions of IBC Chapter 33. Yellow safety tape is not acceptable.

Provide Level of Alterations per IEBC ___ 1 ___ 2 ___ 3

Renovations (Change of Occupancy)
Is the work in this building or space changing the occupancy type or use? ___Yes ___ No

Historic Buildings
Is this building a Historic Building? ___ Yes _X_ No

Construction Type __IA __IB __IIA __IIB __IIIA __IIIB
__IVA __IVB __IVC __IVHT __VA X VB

2.1 OCCUPANCY CLASSIFICATION

								Occupant Loads
___ Assembly 303	__ A-1	__ A-2	X A-3	__ A-4	__ A-5			
X Business 304								1.6
___ Education 305								
___ Factory Industrial 306	__F-1	__F-2						
___ High-Hazard 307	__H-1	__H-2	__H-3	__H-4	__H-5			
___ Institutional 308	__I-1	__I-2	__I-3	__I-4	__I-3	___Condition		
___ Mercantile 309								
___ Residential 310	__R-1	__R-2	__R-3	__R-4				
__Storage 311	__S-1	__S-2	__High-piled					
X Utility and Miscellaneous 312								7.3
							TOTAL OCCUPANT LOAD	8.9

3. Fire Rated Elements

Building Element	Required Rating	UL No. *
Structural frame; columns, girders, trusses	0	
Bearing walls exterior	0	
Non-bearing walls & partitions exterior	0	
Non-bearing walls & partitions interior	0	
Floor construction; supporting beams and joists	0	
Roof construction; supporting beams and joists	0	

Sprinkler system? ___Yes X No ___Partial
If "YES", provide Commercial Sprinkler Owners Information Certification:
Sprinkler type ___13 ___13R ___13D
Standpipes? ___Yes ___No ___Wet ___Dry ___Class
Fire / Smoke Alarm? X Yes ___No

Building Element	Required Rating	Hourly Rating	UL No. *
Ceiling-Floors	N/A	N/A	N/A
Beams	N/A	N/A	N/A
Columns	N/A	N/A	N/A
Ceiling-Roofs	N/A	N/A	N/A
Shafts-Exit	N/A	N/A	N/A
Shafts-Other	N/A	N/A	N/A
Corridor separation	N/A	N/A	N/A
Occupancy separation	N/A	N/A	N/A
Party/Fire wall separation	N/A	N/A	N/A
Smoke barrier separation	N/A	N/A	N/A
Tenant separations	N/A	N/A	N/A

* Or other approved agencies
- All fire rated walls shall be identified on plans by hatching, shading, etc.; show legend.
- Identify code section when using any special exceptions, etc.
- Reproduce full UL. Or other approved agencies details or reproductions of rated assemblies/penetrations on the drawings.

Draft Stopping (IBC 718.3 & 718.4) Draft stopping in floor? __Yes X No Draft stopping in attic? __Yes X No

4.Accessibility (IBC 11)

Does the design conforms to IBC Chapter 11 and ICC A117.1-2017? X Yes __No
If no, explain below condition that will not allow building to be accessible:

5. Design Loads (City Ordinance 1609.3)

5.1 Ultimate Design Wind Speed (IBC 1609 or ASCE 7)
___Risk Cat. I-145MPH X Risk Cat. II-159MPH ___Risk Cat. III-169MPH ___Risk Cat. IV-179MPH

5.2 Live Loads (IBC 1607)
Roof 20 PSF Attic _____ PSF Floor 100 PSF Mezzanine_____ PSF

5.3 Wind-Borne Debris Region (IBC 1609)
This building will use impact resistant glass per (IBC 1609.2)? X Yes ___No
This building will use engineered shutters or other approved method? ___Yes X No

5.3 Flood Requirements (IBC 1612)
All projects located in a Special Flood Hazard Area shall comply with the City of Mobile Storm Water Management and Flood Control Ordinance. Does this project comply? X Yes __No
If no, explain why:

5.4 Special Inspections and Tests (IBC 17)
I have reviewed the requirements of IBC Section 17, specifically 1705; the design incorporates the requirements and is reflected on the drawings and in the specifications. Below are the requirements to be included:

The Contractor has been notified of his responsibility under Section 1704. X Yes ___No

5.5 Safety Glazing for Hazardous (IBC 2406)
I have identified on drawings where tempered glass is required in hazardous locations (2406.4) X Yes ___No

6. Fire Department Requirements:
The design professional shall provide the following required fire protection elements for the building.

Required water supply 2500 GPM @ 20 PSI

Method Used:
_____ The Insurance Service Office (ISO) Method _____ Iowa State University (ISU) Method,
_____ Illinois Institute of Technology (IIT) Method) _____X_ International Fire Code 2021 (IFC)

Key Boxes IFC 506: X Yes ___ No
Locks: ___Yes ___No
**required for buildings with fire protection systems, gates, non-standard fire service access i.e., elevators

Emergency Responder Communication Coverage IFC 510: ___Yes X No
**Signal strength survey required for structures over 50,000 SF, over three stories high, or those having a basement. This requirement may be requested for structures not meeting these parameters.

Provide a Life Safety Plan (LSP) for all commercial projects: X Yes ___No
**At a minimum, the Life Safety Plan shall illustrate the use for all areas, occupant loads for all areas, exit locations, exit access, exit capacity, maximum travel distance, exit lights, emergency lights, fire extinguishers, fire rated assemblies, assembly area seating layout and exit discharge.

Compliance Statement required for Fire Approval: X Yes ___No
**Where fire apparatus access roads or a water supply for fire protection are required to be installed, such protection shall be installed and made serviceable prior to and during the time of construction.

SPECIAL INSPECTIONS SCHEDULE

CODE SECTION	SPECIAL INSPECTOR	INSPECTION	REQUIRED YES	REQUIRED NO	FREQUENCY OF INSPECTION CONTINUOUS	FREQUENCY OF INSPECTION PERIODIC
1705.2		STEEL CONSTRUCTION		X		
1705.3		CONCRETE CONSTRUCTION		X		
1705.4		MASONRY CONSTRUCTION	X			
1705.5		WOOD CONSTRUCTION		X		
1705.6		SOILS	X			
1705.7		DRIVEN DEEP FOUNDATIONS		X		
1705.8		CAST-IN-PLACE DEEP FOUNDATIONS		X		
1705.9		HELICAL PILE FOUNDATIONS		X		
1705.10		WIND RESISTANCE	X			
1705.11		SIESMIC RESISTANCE		X		
1705.12		TESTING & QUALIFICATION FOR SEISMIC RESISTANCE		X		
1705.13		SPRAYED FIRE-RESISTANT MATERIALS		X		
1705.14		MASTIC & INTUMESCENT FIRE RESISTANT COATINGS		X		
1705.15		EXTERIOR INSULATION & FINISH SYSTEMS		X		
1705.16		FIRE RESISTANT PENETRATIONS & JOINTS		X		
1705.17		SMOKE CONTROL		X		

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ARCHITECTURAL DRAWINGS FOR:
CITY OF MOBILE- MIMS PARK
Mobile, AL 36693

SCALE 1/2" = 1'-0"

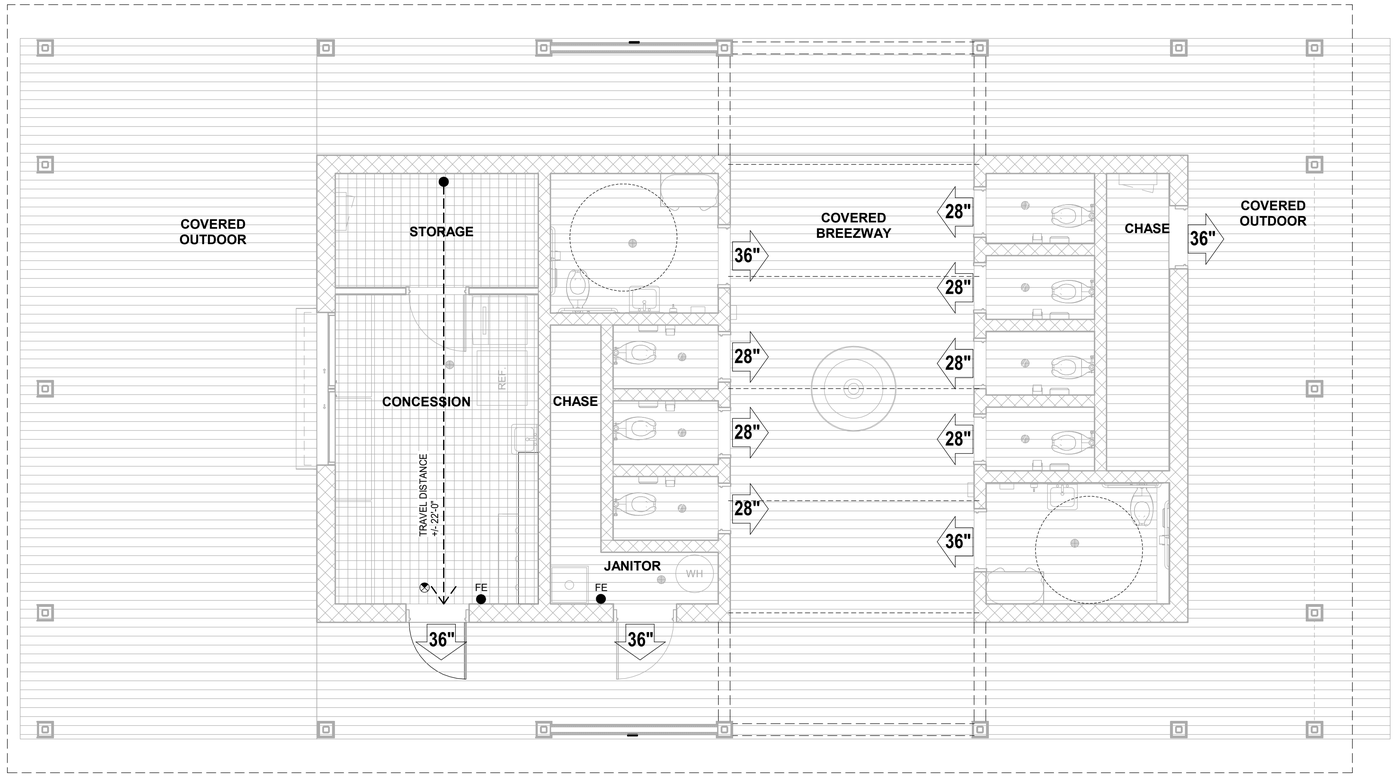
STATE OF ALABAMA
ANDREW P MARASCA
6996
REGISTERED ARCHITECT

ISSUED FOR PERMIT

DATE: May 5, 2024

G2.0

OCCUPANCY AREA					
Room #	Occupancy	ROOM NAME	AREA	Load Factor	Occupant Load
2	BUSINESS	STORAGE	65 SF	150 SF	0.4
3	BUSINESS	CONCESSION	175 SF	150 SF	1.2
B BUSINESS			240 SF		1.6
1	UTILITY - U	COVERED OUTDOOR	572 SF	300 SF	1.9
4	UTILITY - U	CHASE	32 SF	300 SF	0.1
5	UTILITY - U	TOILET ADA	64 SF	300 SF	0.2
6	UTILITY - U	TOILET	19 SF	300 SF	0.1
7	UTILITY - U	TOILET	19 SF	300 SF	0.1
8	UTILITY - U	TOILET	19 SF	300 SF	0.1
9	UTILITY - U	JANITOR	24 SF	300 SF	0.1
10	UTILITY - U	TOILET	21 SF	300 SF	0.1
11	UTILITY - U	TOILET	19 SF	300 SF	0.1
12	UTILITY - U	TOILET	19 SF	300 SF	0.1
13	UTILITY - U	TOILET	19 SF	300 SF	0.1
14	UTILITY - U	TOILET ADA	60 SF	300 SF	0.2
15	UTILITY - U	CHASE	52 SF	300 SF	0.2
16	UTILITY - U	COVERED BREEZWAY	318 SF	300 SF	1.1
17	UTILITY - U	COVERED OUTDOOR	937 SF	300 SF	3.1
U UTILITY			2193 SF		7.3
Grand total			2433 SF		8.9



LIFE SAFETY PLAN
SCALE: 1/4" = 1'-0"

TRUE NORTH PROJECT NORTH

4' 2' 0' 4' 8'

LIFE SAFETY LEGEND:

34" — EXIT - WITH CLEAR EGRESS WIDTH

TRAVEL DISTANCE 22'-0" +/- — TRAVEL DISTANCE TO AN EXIT

FE — FIRE EXTINGUISHER

RATED PARTITIONS

1 HOUR FIRE BARRIER

2 HOUR FIRE BARRIER

OCCUPANCY

BUSINESS

UTILITY

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Mobile, AL 36693

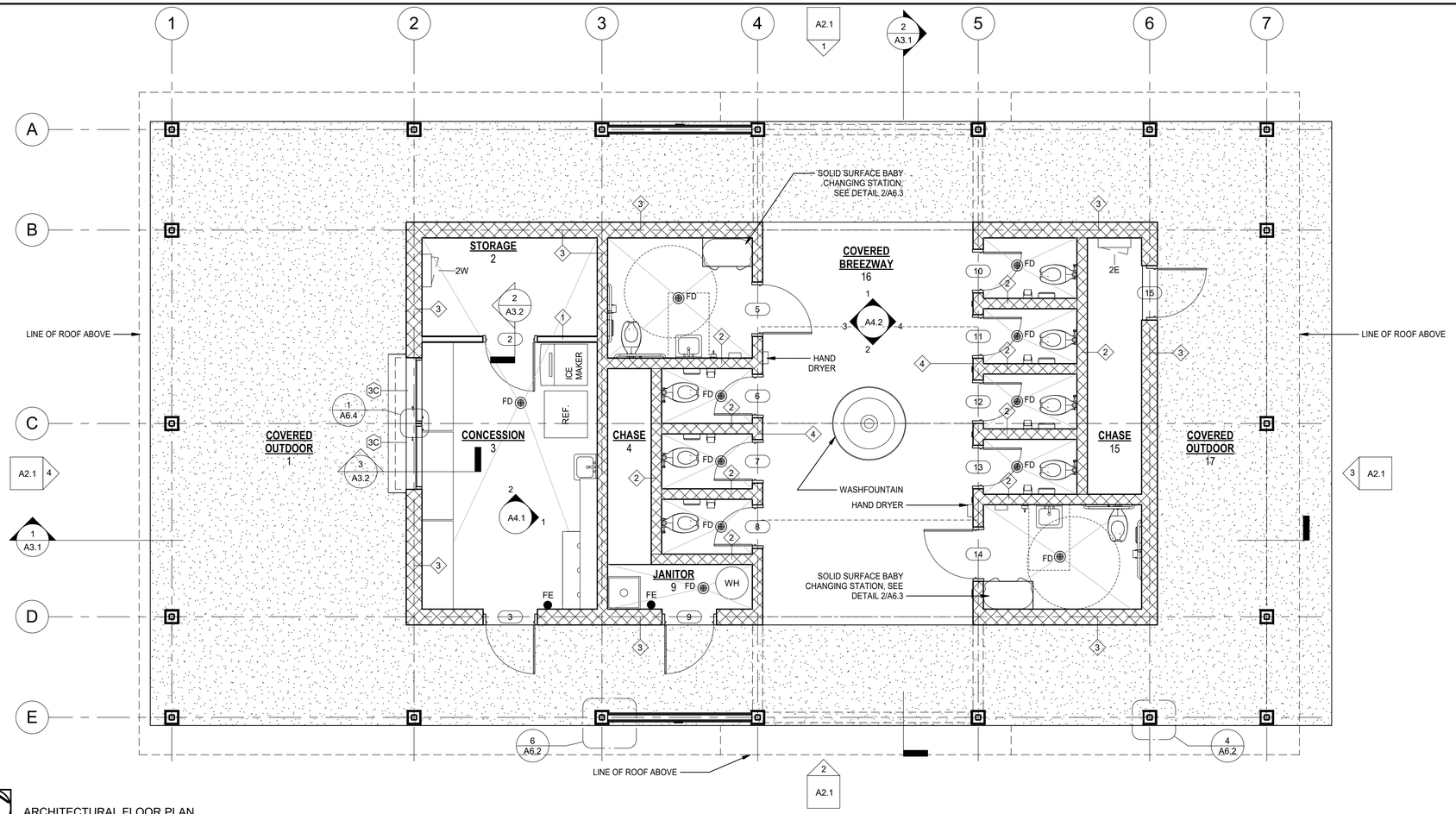
SCALE: As indicated

ISSUED FOR PERMIT

DATE: May 5, 2024

STATE OF ALABAMA ANDREW P MARASCA 6996 REGISTERED ARCHITECT

G3.0



TRUE NORTH | PROJECT NORTH

ARCHITECTURAL FLOOR PLAN
SCALE: 1/4" = 1'-0"

4' 2' 0' 4' 8'

FINISH LEGEND

FLOORING:

RESINOUS FLOORING: **ADD ALTERNATE**

RES- 01
MFR: STONEHARD, INC
WEARING SURFACE: STONECLAD TEXTURE 2
OVERALL SYSTEM THICKNESS: 3/16"
FINISH: GLOSS
INSTALL: INTEGRAL 4" COVE
COLOR: TBD

SEALED CONCRETE EXTERIOR FLOORING:

WATER REPELLANT
MFR: SHERWIN WILLIAMS
SC 1 - SILOXANE

PAINT:

EXTERIOR TRIM: SW 9163 TIN LIZZIE

EXTERIOR SIDING: SW 7757 HIGH REFLECTIVE WHITE

PT- 1 SW 7757 HIGH REFLECTIVE WHITE
PT- 2 CMU STAIN OR ALTERNATE 3 FINISH

DOORS:

FRP DOORS

MFR: SPECIAL LITE
FINISH: SANDSTONE
COLOR: LIGHT- GREY 5597

WALLS:

FIBER REINFORCED PLASTIC (FRP) PANELS: **ADD ALTERNATE**

BASE: JOHNSONITE RB- 1 TBD

FRP- 01 CRANE COMPOSITES DESIGNS COLLECTION:
COLOR: FRANKLIN (98CW)

CMU:
CMU STAIN: LOXON® VERTICAL
MFR: SHERWIN-WILLIAMS
FINISH: SEMI-TRANSPARENT
TYPE: LX31T0075 TINT BASE
COLOR: SILVER GRAY

CMU:
NETTLETON CONCRETE **ADD ALTERNATE**
BURNISHED FACE BLOCK
COLOR RAVEN

ROOF PANEL AND TRIM
STYLE: AS SPECIFIED
COLOR: TRUE BLACK

FINISHES NOTE:

ALL FINISH COLORS TO BE CONFIRMED ONCE ALTERNATES HAVE BEEN FINALIZED. COLORS TO BE SELECTED BY THE ARCHITECT ONCE ALL FINISH SAMPLES HAVE BEEN SUBMITTED.

ROOM FINISH SCHEDULE MAIN

ROOM NO.	ROOM NAME	FLOOR FINISH	FLOOR MAT'L	BASE FINISH	WALLS NORTH MAT'L	WALLS NORTH FINISH	WALLS EAST MAT'L	WALLS EAST FINISH	WALLS SOUTH MAT'L	WALLS SOUTH FINISH	WALLS WEST MAT'L	WALLS WEST FINISH	CEILING MAT'L	CEILING FINISH	CEILING HEIGHT	REMARKS / COMMENTS
1	COVERED OUTDOOR	SEALED CONCRETE	CONCRETE	---												
2	STORAGE	SEALED CONCRETE	CONCRETE	---	CMU	PT- 1	CMU	PT- 1	GYP BD	PT- 1	CMU	PT- 1	GYP BD	PT- 1	9'-0"	
3	CONCESSION	SEALED CONCRETE	CONCRETE	RES-01	CMU	PT- 1	CMU	PT- 1	CMU	PT- 1	CMU	PT- 1	GYP BD	PT- 1	9'-0"	ALTERNATE , ADD RESINOUS FLOORING
4	CHASE	SEALED CONCRETE	CONCRETE	---	---	---	---	---	---	---	---	---	OPEN	---	OPEN	
5	TOILET ADA	SEALED CONCRETE	CONCRETE	RES-01	CMU	FRP / PT- 2	CMU	PT- 2	CMU	PT- 2	CMU	PT- 2	GYP BD	PT- 1	9'-0"	
6	TOILET	SEALED CONCRETE	CONCRETE	RES-01	CMU	FRP / PT- 2	CMU	PT- 2	CMU	PT- 2	CMU	PT- 2	GYP BD	PT- 1	9'-0"	ALTERNATE, ADD RESINOUS FLOORING. ALTERNATE, ADD FRP PANELS UP TO 48"
7	TOILET	SEALED CONCRETE	CONCRETE	RES-01	FRP UP TO 48" / CMU ABOVE	FRP / PT- 2	CMU	PT- 2	CMU	PT- 2	CMU	PT- 2	GYP BD	PT- 1	9"-0"	ALTERNATE, ADD RESINOUS FLOORING. ALTERNATE, ADD FRP PANELS UP TO 48"
8	TOILET	SEALED CONCRETE	CONCRETE	RES-01	FRP UP TO 48" / CMU ABOVE	FRP / PT- 2	CMU	PT- 2	CMU	PT- 2	CMU	PT- 2	GYP BD	PT- 1	9'-0"	ALTERNATE, ADD RESINOUS FLOORING. ALTERNATE, ADD FRP PANELS UP TO 48"
9	JANITOR	SEALED CONCRETE	CONCRETE	---	CMU	PT- 2	CMU	PT- 2	CMU	PT- 2	CMU	PT- 2	---	---	OPEN	
10	TOILET	SEALED CONCRETE	CONCRETE	RES-01	FRP UP TO 48" / CMU ABOVE	FRP / PT- 2	CMU	PT- 2	CMU	PT- 2	CMU	PT- 2	GYP BD	PT- 1	9'-0"	ALTERNATE, ADD RESINOUS FLOORING. ALTERNATE, ADD FRP PANELS UP TO 48"
11	TOILET	SEALED CONCRETE	CONCRETE	RES-01	FRP UP TO 48" / CMU ABOVE	FRP / PT- 2	CMU	PT- 2	CMU	PT- 2	CMU	PT- 2	GYP BD	PT- 1	9'-0"	ALTERNATE, ADD RESINOUS FLOORING. ALTERNATE, ADD FRP PANELS UP TO 48"
12	TOILET	SEALED CONCRETE	CONCRETE	RES-01	FRP UP TO 48" / CMU ABOVE	FRP / PT- 2	CMU	PT- 2	CMU	PT- 2	CMU	PT- 2	GYP BD	PT- 1	9'-0"	ALTERNATE, ADD RESINOUS FLOORING. ALTERNATE, ADD FRP PANELS UP TO 48"
13	TOILET	SEALED CONCRETE	CONCRETE	RES-01	FRP UP TO 48" / CMU ABOVE	FRP / PT- 2	CMU	PT- 2	CMU	PT- 2	CMU	PT- 2	GYP BD	PT- 1	9'-0"	ALTERNATE, ADD RESINOUS FLOORING. ALTERNATE, ADD FRP PANELS UP TO 48"
14	TOILET ADA	SEALED CONCRETE	CONCRETE	RES-01	FRP UP TO 48" / CMU ABOVE	FRP / PT- 2	CMU	PT- 2	CMU	PT- 2	CMU	PT- 2	GYP BD	PT- 1	9'-0"	ALTERNATE, ADD RESINOUS FLOORING. ALTERNATE, ADD FRP PANELS UP TO 48"
15	CHASE	SEALED CONCRETE	CONCRETE	---	CMU	---	CMU	---	CMU	---	CMU	---	OPEN	---	OPEN	
16	COVERED BREEZWAY	SEALED CONCRETE	CONCRETE													ALTERNATE ; ADD RESINOUS FLOORING
17	COVERED OUTDOOR	SEALED CONCRETE	CONCRETE													

MOTT MACDONALD
107 St. Francis Street
Suite 2900,
Mobile, Alabama 36602
Telephone: (251) 343-4366
Fax: (251) 343-6902
Architects
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Surveyors

GENERAL NOTES:

1. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND INFORM THE A/E IF THERE ARE ANY DISCREPANCIES BEFORE PROCEEDING TO DO WORK OR PURCHASE ORDERS.
2. CONTRACTOR SHALL COORDINATE WITH ALL TRADES PRIOR TO COMMENCING WORK.
3. SEE LIFE SAFETY PLAN FOR LOCATIONS AND TYPES OF RATED WALL ASSEMBLIES, FIRE EXTINGUISHERS, AND MEANS OF EGRESS.
4. REFER TO SHEET A3.3 FOR WALL TYPES INFORMATION.
5. COORDINATE WITH MECHANICAL, PLUMBING, AND ELECTRICAL PRIOR TO COMMENCING ANY WORK.
6. ALL INTERIOR DOORS SHALL BE 4" OFFSET FROM WALL UNLESS OTHERWISE NOTED.
7. ALLOW A MINIMUM OF 18 INCHES LATCH-SIDE CLEARANCE ON THE PULL SIDE OF ALL DOORS WITH MANUAL CLOSERS AND A MINIMUM OF 12 INCHES LATCH-SIDE CLEARANCE ON THE PUSH SIDE OFF ALL DOORS WITH MANUAL CLOSERS
8. GENERAL CONTRACTOR SHALL COORDINATE THE LOCATION OF REQUIRED BLOCKING IN WALLS TO RECEIVE CABINETS, SHELVING, TOILET ACCESSORIES, ETC.
9. ALLOW A MINIMUM OF 1 INCH CLEARANCE FROM THE EDGE OF ALL WALLS AND OUTSIDE FACE OF CASEWORK, TYPICAL.
10. W# # INDICATES WINDOW REQUIREMENT. SEE WINDOW SCHEDULES FOR SIZES, GLAZING, ETC. REQUIRED.
11. 101 INDICATES DOOR NUMBER. SEE DOOR SCHEDULE FOR SPECIFIC INFORMATION ON EACH DOOR.
12. SEE FINISH DRAWINGS FOR SPECIFIC FINISH AND SURFACE PREPARATION REQUIREMENTS FOR EACH SPACE.
13. SEE REFLECTED CEILING PLANS FOR SPECIFIC CEILING TYPES, HEIGHTS, DETAILS, LIGHTS, DIFFUSERS, ETC.
14. PROVIDE BLOCKING FOR LOCKERS, TV MONITORS, CABINETS AND OTHER EQUIPMENT AS REQUIRED.
15. DETAILS LABELED "TYPICAL DETAILS" ON THE DRAWINGS APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. SUCH DETAILS APPLY WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION.
16. PROVIDE MOISTURE-RESISTANT PLYWOOD SHEATHING AT ALL TOILET ROOM LOCATIONS WHERE PLYWOOD SHEATHING IS REQUIRED, UNLESS OTHERWISE NOTED.
17. METHOD FOR DIMENSIONING WALLS AND OPENINGS:
    - MASONRY WALLS: FACE TO FACE
    - EXTERIOR FRAME WALLS: FACE OF STUDS
    - INTERIOR FRAME WALLS: FACE OF STUDS

    UNLESS OTHERWISE NOTED.

GENERAL NOTES:

1. ALWAYS REFER TO DRAWINGS FOR EXACT LOCATIONS.
2. REFER TO MANUFACTURER'S SPECIFICATIONS FOR INSTALLATION DIRECTIONS & METHODS.
3. UNLESS NOTED, DO NOT USE TRANSITION STRIPS, INSTALL FLOORING MATERIALS FLUSH & BUTTED NEATLY NEXT TO ONE ANOTHER.
4. PAINT FINISH TO BE FREE OF STREAKS, RUNS & VARIATIONS.
5. CONTRACTOR SHALL SUBMIT SAMPLES / SWATCHES FOR APPROVAL OF ALL MATERIALS OUTLINED ON FINISH LEGEND FOR VERIFICATION.
6. SEE FINISH FLOOR PLAN FOR FLOOR PATTERNS AND DIRECTION OF INSTALLATION.
7. CONTRACTOR TO TAKE MEASURES TO PROTECT ALL NEW AND REMAINING FINISHES THROUGHOUT THE DURATION OF CONSTRUCTION. ANY FINISHES DAMAGED DURING CONSTRUCTION SHALL BE REPLACED / REPAIRED BY CONTRACTOR.
8. REFER TO REFLECTED CEILING PLAN FOR CEILING MATERIAL LOCATIONS AND HEIGHTS.
9. INDIVIDUAL ROOM SIGNAGE / PLATES TO BE DETERMINED AND COORDINATED WITH OWNER'S REPRESENTATIVE.

LEGEND:

- STUD WALL - UN-INSULATED
- STUD WALL - INSULATED
- MASONRY WALL
- CONCRETE SLAB
- WINDOW - SEE SCHEDULE
- DOOR - SEE SCHEDULE
- FD — FLOOR DRAIN
- # — INDICATES PARTITION TYPE; SEE PARTITION TYPES SHEET A4.2

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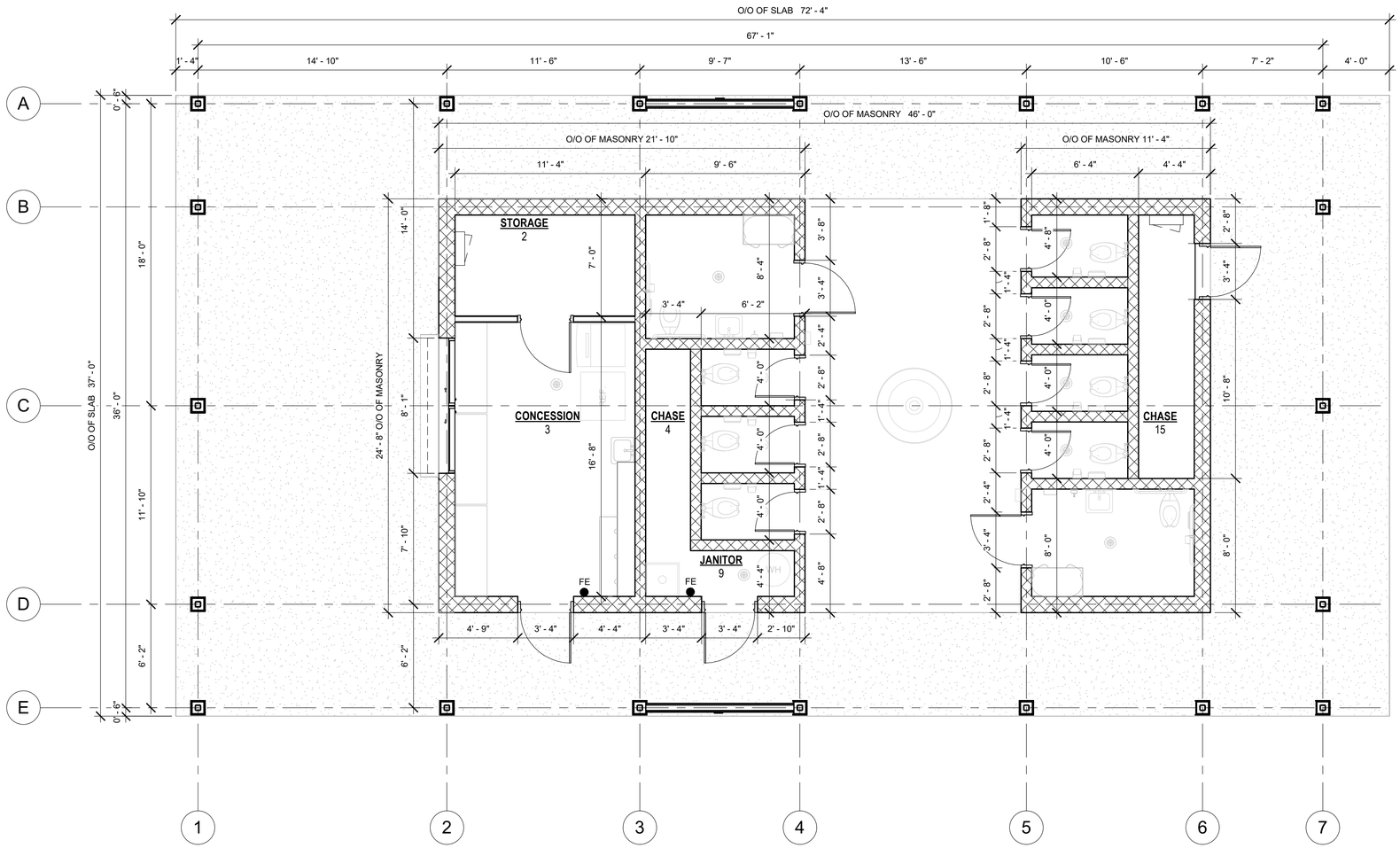
CITY OF MOBILE- MIMS PARK
Mobile, AL 36693

SCALE: As indicated

STATE OF ALABAMA
ANDREW P MARASCA
6996
REGISTERED ARCHITECT

ISSUED FOR PERMIT
DATE: May 5, 2024

A1.1



DIMENSIONED FLOOR PLAN

SCALE: 1/4" = 1'-0"

TRUE NORTH

PROJECT NORTH

4' 2' 0' 4' 8'

MOTT MACDONALD
107 St. Francis Street
Suite 2900,
Mobile, Alabama 36602
Telephone: (251) 343-4366
Fax: (251) 343-6902
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10. (W##) INDICATES WINDOW REQUIREMENT. SEE WINDOW SCHEDULES FOR SIZES, GLAZING, ETC. REQUIRED.
11. (101) INDICATES DOOR NUMBER. SEE DOOR SCHEDULE FOR SPECIFIC INFORMATION ON EACH DOOR.
12. SEE FINISH DRAWINGS FOR SPECIFIC FINISH AND SURFACE PREPARATION REQUIREMENTS FOR EACH SPACE.
13. SEE REFLECTED CEILING PLANS FOR SPECIFIC CEILING TYPES, HEIGHTS, DETAILS, LIGHTS, DIFFUSERS, ETC.
14. PROVIDE BLOCKING FOR LOCKERS, TV MONITORS, CABINETS AND OTHER EQUIPMENT AS REQUIRED.
15. DETAILS LABELED "TYPICAL DETAILS" ON THE DRAWINGS APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. SUCH DETAILS APPLY WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION.
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    - INTERIOR FRAME WALLS: FACE OF STUDS

    UNLESS OTHERWISE NOTED.

LEGEND:

- STUD WALL - UN-INSULATED
- STUD WALL - INSULATED
- MASONRY WALL
- CONCRETE SLAB
- WINDOW - SEE SCHEDULE
- DOOR - SEE SCHEDULE
- FD — FLOOR DRAIN
- # — INDICATES PARTITION TYPE; SEE PARTITION TYPES SHEET A4.2

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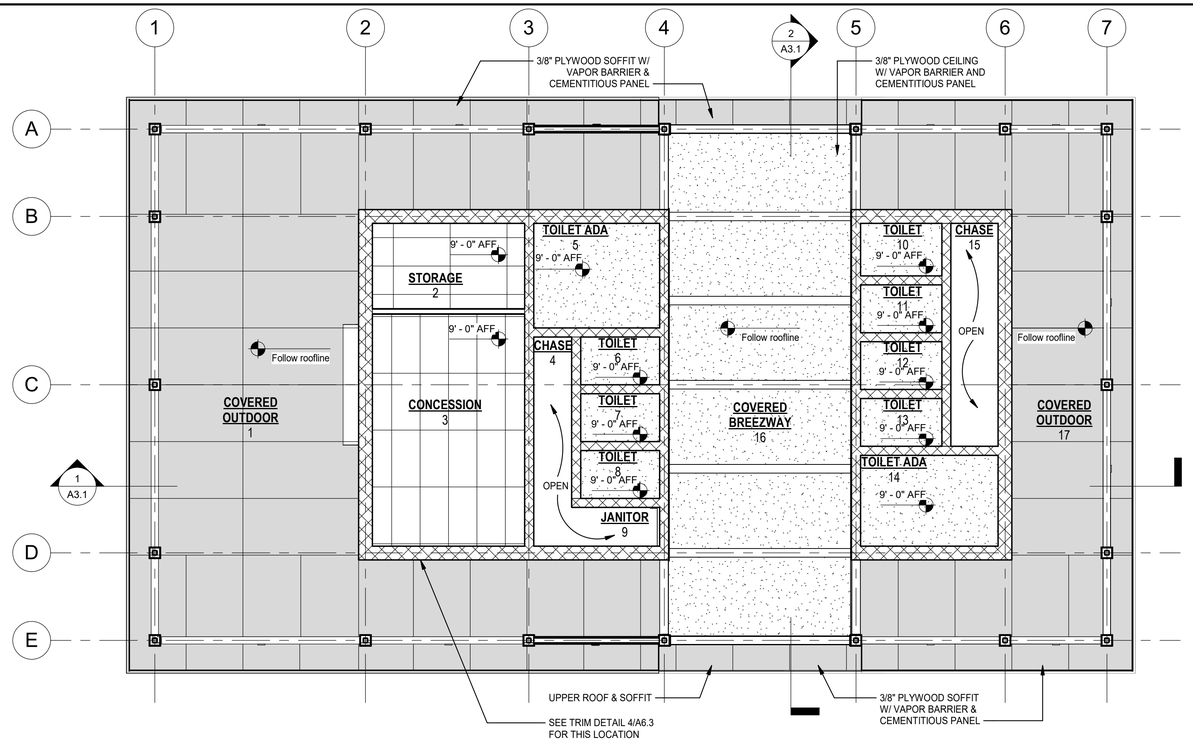
A1.2



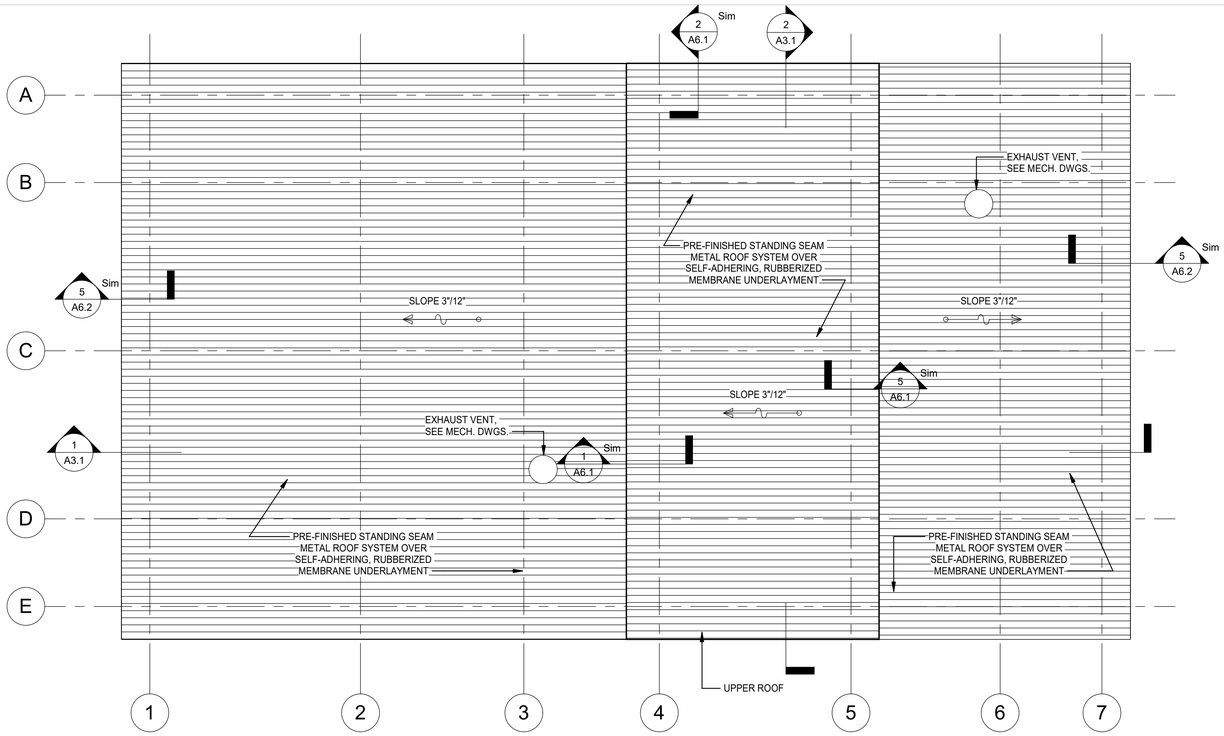
TRUE NORTH PROJECT NORTH

REFLECTED CEILING PLAN

SCALE: 3/16" = 1'-0"

4' 2' 0' 4' 8'

NOTES:
1. SEE ELEC. DWGS. FOR LIGHT FIXTURE TYPES AND LOCATION



TRUE NORTH PROJECT NORTH

ROOF PLAN

SCALE: 3/16" = 1'-0"

4' 2' 0' 4' 8'

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107 St. Francis Street
Suite 2900,
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GENERAL REF. CEILING PLAN NOTES:

1. THE REFLECTED CEILING PLAN IS PROVIDED TO ILLUSTRATE ARCHITECTURAL ITEMS AND TO PROVIDE A POINT OF REFERENCE FOR PLACEMENT OF MECHANICAL AND ELECTRICAL ITEMS PENETRATING THE CEILING.
2. GENERAL CONTRACTOR SHALL REFER TO MECHANICAL & ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR SCOPE OF WORK. OMMISSION OF SAME ON THIS REFLECTED CEILING PLAN DOES NOT RELIEVE THE CONTRACTOR OF ANY OBLIGATION FROM PROVISIONS SHOWN ON MECHANICAL AND ELECTRICAL PORTIONS OF THE DOCUMENTS.
3. GENERAL CONTRACTOR AND HIS MECHANICAL SUBCONTRACTOR(s) SHALL RECOGNIZE AS A REQUIREMENT OF THIS PROJECT CAREFUL COORDINATION OF DUCTWORK, SPRINKLER PIPING, LIGHT FIXTURES AND FURRING AT STRUCTURE. NO FABRICATION OF DUCTWORK SHALL BEGIN UNTIL THE GENERAL CONTRACTOR HAS VERIFIED THAT ALL CEILING HEIGHTS SHOWN HEREON WILL INDEED ALLOW PROPER CLEARANCE.
4. ALL CEILING CONDUIT AND UNBRACED DUCTS, PIPES, ETC. MUST BE SEPERATED.
5. ALL LIGHT FIXTURES SHALL BE POSITIVELY ATTACHED TO THE CEILING STRUCTURE TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE FIXTURES.
6. INTERIOR, CEILING MOUNTED LUMINAIRES SHALL BE MOUNTED IN A LAYOUT AS OPPOSED TO INDIVIDUAL FIXTURES. CEILING STRUCTURES CAN BE SUSPENDED UP TO 8' WITH 1/2" OR 3/4" IP CONDUIT.
7. EXTERIOR, CEILING MOUNTED LUMINAIRES CAN BE SUPENDED WITH 1/2" OR 3/4" IP STEMS - LENGTHS SHALL BE KEPT AT A MINIMUM TO KEEP THE FIXTURES FLUSH TO THE SOFFIT AND PREVENT THE PUBLIC FROM TRYING TO HANG FROM THE CANOPIES.

GENERAL NOTES: ROOF PLAN

1. CONTRACTOR SHALL FOLLOW SMACNA STANDARDS FOR ALL ROOF TOP PENETRATIONS.
2. REFER TO PLUMBING DRAWINGS FOR PLUMBING VENTS AND PIPES THROUGH ROOF WHICH MAY NOT BE SHOWN ON THIS ROOF PLAN.
3. REFER TO MECHANICAL DRAWINGS FOR OPENINGS, DUCTS AND VENTS THROUGH ROOF WHICH MAY NOT BE SHOWN ON THIS ROOF PLAN.
4. REFER TO SPECIFICATIONS FOR MINIMUM ACCEPTABLE NRCA STANDARD FLASHING DETAILS OF HIP, VALLEY, RIDGE, EXPANSION JOINT, ROOF PENETRATION AND ROOF TO WALL TRANSITION, ETC.
5. ALL FASTENERS AND FLASHING COMPONENTS SHALL MATCH ADJACENT ROOF PANEL COLORS.
6. FIXED POINT AT STANDING SEAM METAL ROOF SYSTEM: EAVES AND VALLEY UNLESS OTHERWISE NOTED.

REFELECTED CEILING PLAN LEGEND

	2'x4' SUSPENDED CEILING GRID & ACOUSTICAL CEILING TILES
	5/8" PTD. GYP. BD. ON 1X2 FURRING STRIPS AT 2'- 0" O.C. ATTACHED TO BOTTOM CHORD OF ROOF STRUCTURE
X'-X"	CEILING HEIGHT SPOT ELEVATION
	PROVIDE A 4'-0" PERIMETER OF SOUND BATT INSULATION IN AREAS INDICATED. "TENT" ALL FIXTURES TO AVOID CONTACT. REFER TO SPECIFICATIONS.
XX	INDICATES LIGHT FIXTURE TYPE, REFER TO ELEC.

ROOF LEGEND:

	PREFINISHED STANDING SEAM METAL ROOF
DS	PREFINISHED METAL DOWNSPOUT
GEJ	GUTTER EXPANSION JOINT
VTR	VENT THROUGH ROOF; REFER TO PLUMBING
RD	ROOF DRAIN; REFER TO PLUMBING
EJ	EXPANSION JOINT; REFER TO STRUCTURAL
RC	RIDGE CAP FLASHING
HC	HIP CAP FLASHING
VF	VALLEY FLASHING
GTR	GUTTER

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STATE OF ALABAMA ANDREW P MARASCA 6996 REGISTERED ARCHITECT

DATE: May 5, 2024

A1.3

10/8/2024 4:54:35 PM

GENERAL NOTES: EXTERIOR ELEVS.

1. CONTRACTOR SHALL COORDINATE WITH ALL TRADES PRIOR TO COMMENCING WORK
2. FIELD VERIFY ALL BUILT CONDITIONS PRIOR TO INSTALLATION.
3. COORDINATE WITH MECHANICAL, PLUMBING, ELECTRICAL, TELECOM AND SECURITY PRIOR TO COMMENCING WORK.
4. ALL WINDOWS, DOORS AND EXTERIOR CLADDING SHALL MEET WIND BOURNE REQUIREMENTS AS STATED IN STRUCTURAL DRAWINGS.
5. REFER TO ROOF PLAN FOR LOCATION OF GUTTERS AND DOWNSPOUTS.
6. REFER TO DOOR AND WINDOW SCHEDULES FOR MORE INFORMATION.
7. REFER TO STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR COATINGS ON STRUCTURAL COMPONENTS.
8. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
9. DETAILS LABELED "TYPICAL DETAILS" ON THE DRAWINGS APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. SUCH DETAILS APPLY WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION.

MOTT MACDONALD

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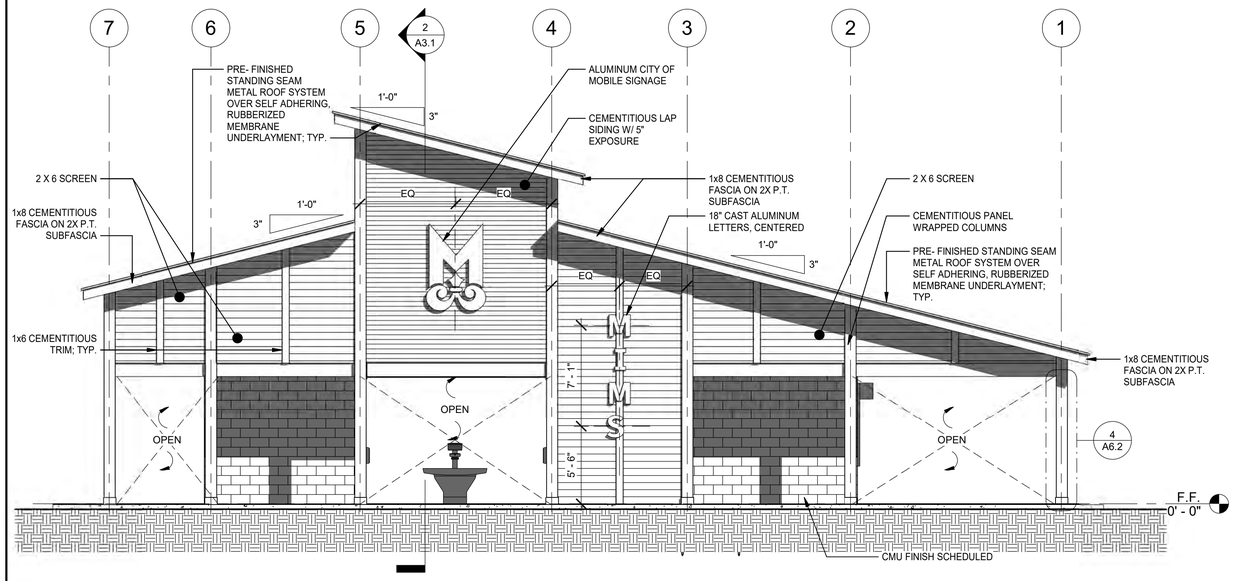
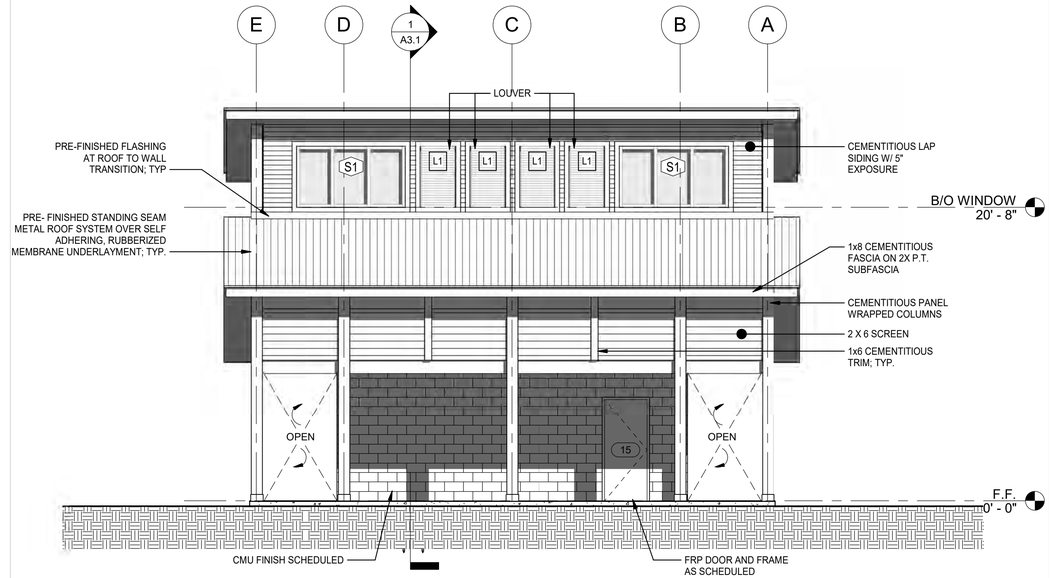


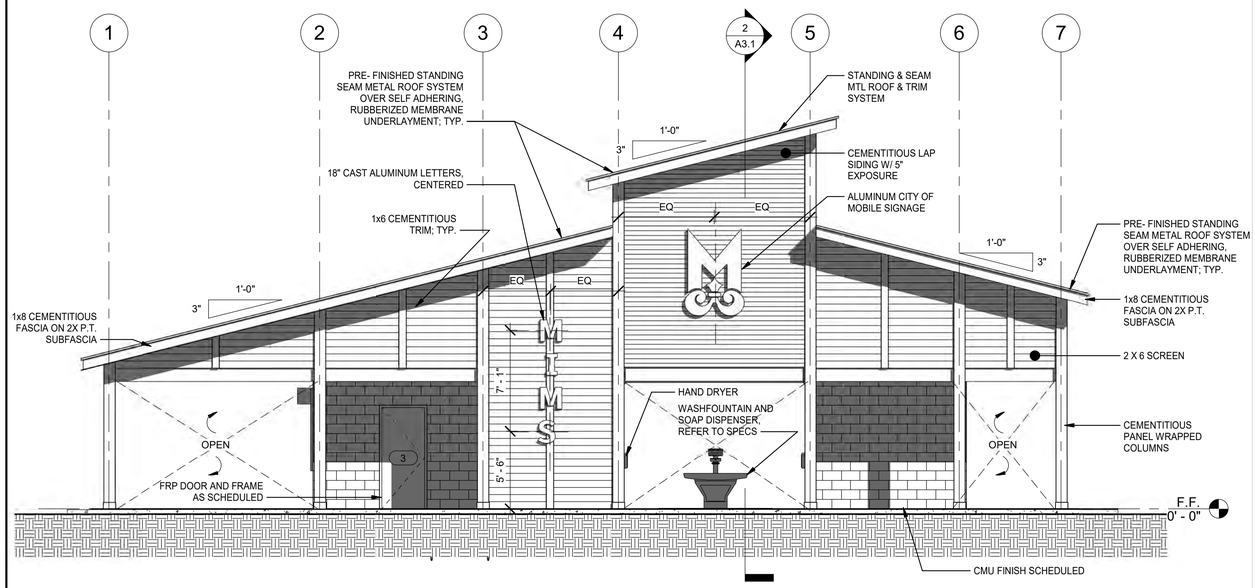
1 NORTH ELEVATION
A2.1 Scale: 3/16" = 1'-0"

4' 2' 0' 4' 8'



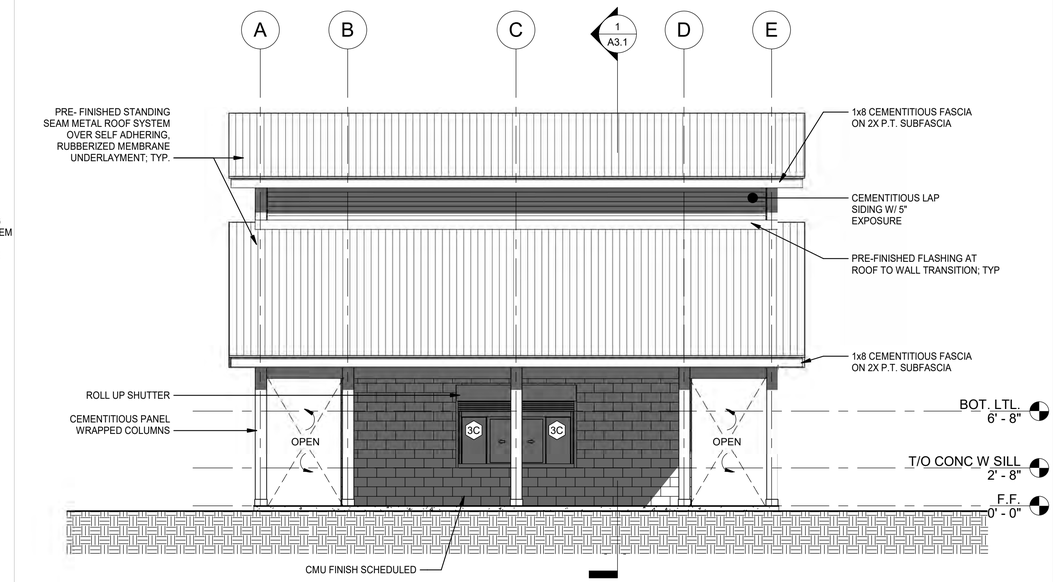
3 EAST ELEVATION
A2.1 Scale: 3/16" = 1'-0"

4' 2' 0' 4' 8'



2 SOUTH ELEVATION
A2.1 Scale: 3/16" = 1'-0"

4' 2' 0' 4' 8'



4 WEST ELEVATION
A2.1 Scale: 3/16" = 1'-0"

4' 2' 0' 4' 8'

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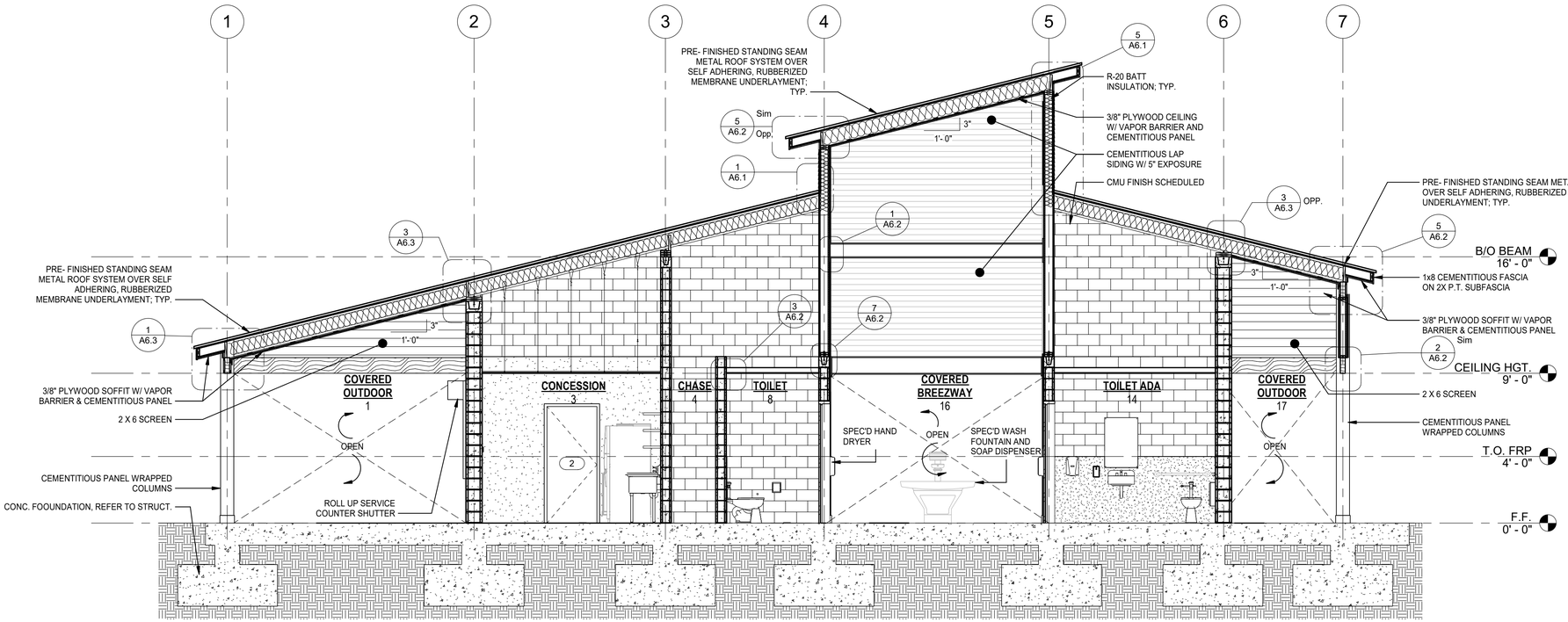
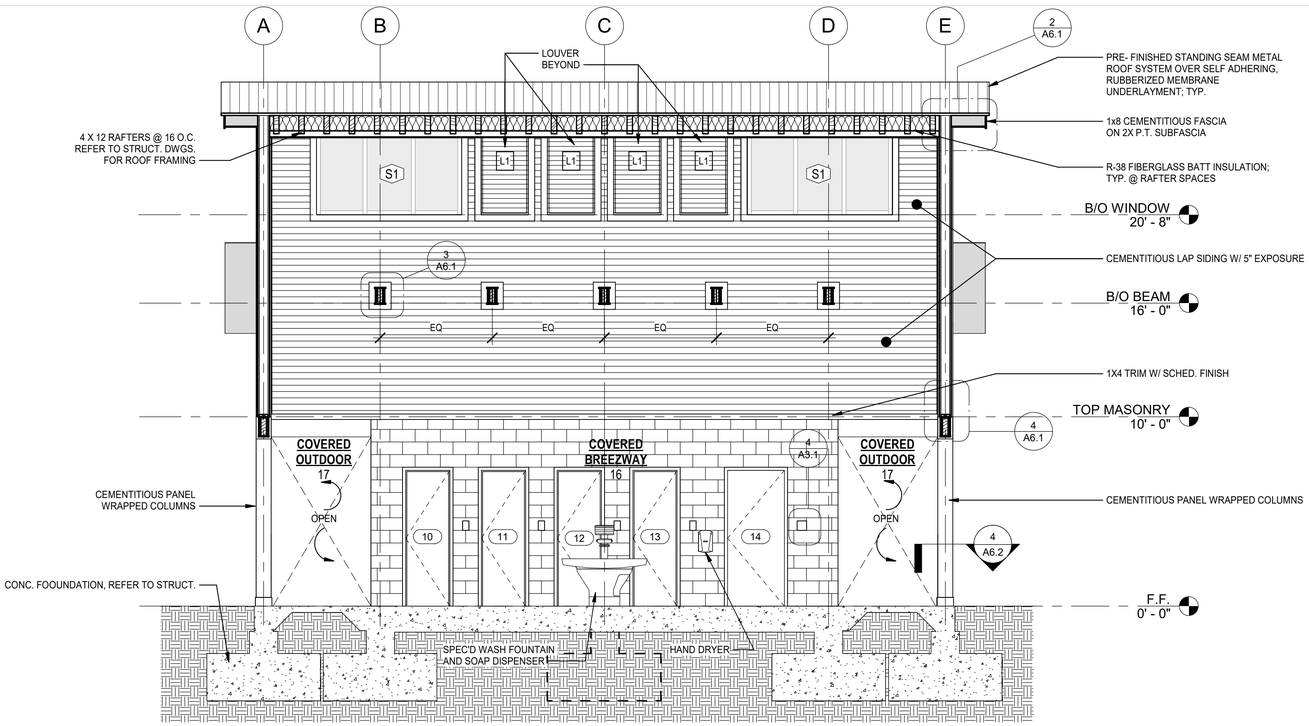


1 A3.1 LONGITUDINAL BUILDING SECTION

Scale: 1/4" = 1'-0"

4' 2' 0' 4' 8'



2 A3.1 TRANSVERSAL BUILDING SECTION

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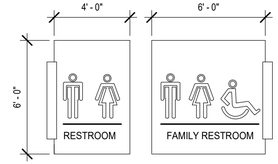
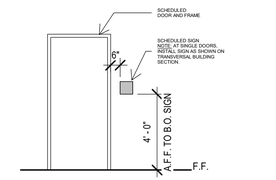


WALL MOUNTED PROJECTION SIGN

NOTE: COORDINATE WITH COM FOR SIGNAGE COLOR, GRAPHIC, AND TEXT STANDARDS.
TYP. ALL RESTROOM'S SIGNS

3 A3.1 SIGNAGE ELEVATION

Scale: 1/4" = 1'-0"



FOR SIGNS SHOWN ADJACENT TO DOOR

4 A3.1 SIGNAGE MOUNTING DETAIL

Scale: 1/4" = 1'-0"

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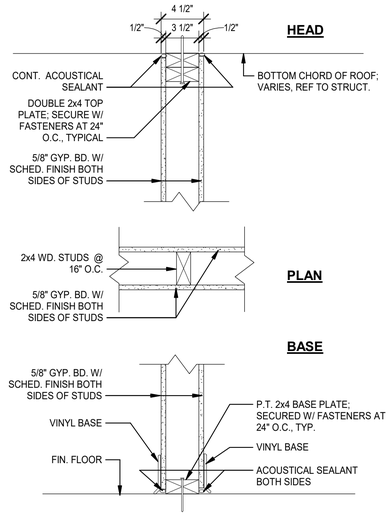
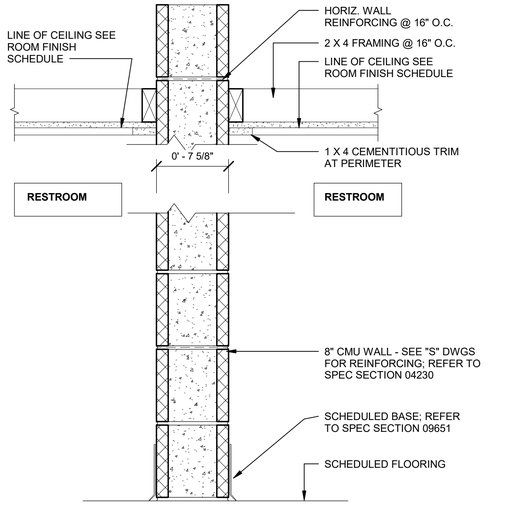
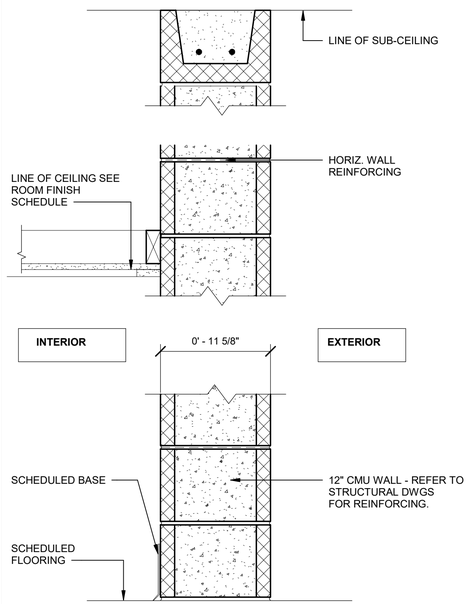


1 INTERIOR PARTITION @ CONCESSION

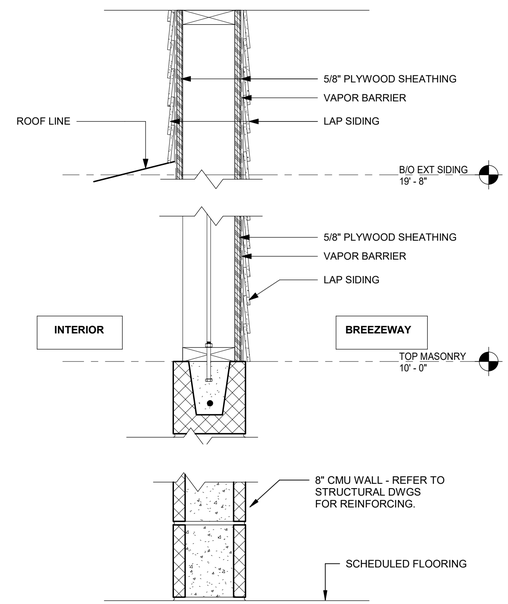
2x4 WOOD STUDS



2 CMU TOILET PARTITION (INTERIOR)



3 CMU WALL (EXTERIOR)



4 CMU WALLS @ BREEZWAY (INTERIOR)

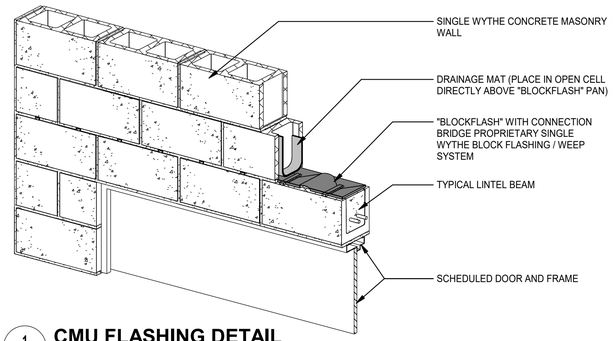
PARTITION TYPES GENERAL NOTES:

1. SEE FINISH SCHEDULE FOR FINISHES TO ALL WALLS (WALL COVERINGS, HARD TILE, WOOD, ETC.).
2. ALL INTERIOR PARTITIONS SHALL FOLLOW IBC 1607.14 (SHALL RESIST HORIZONTAL LOAD OF 5 PSF).
3. PROVIDE RESILIENT SEALANT AT ALL SOUND WALL ASSEMBLIES.
4. PROVIDE FRP PANEL FINISH ON THE INSIDE FACES OF TOILET WALLS.
5. PROVIDE CEMENTITIOUS BACKER BOARD WHERE TILE IS INSTALLED ON WALLS.

WALL TYPES

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

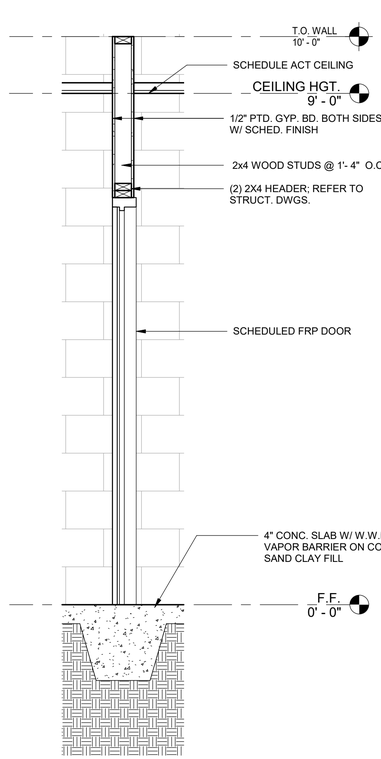
6" 3" 0" 6" 1'



1 A3.2 **CMU FLASHING DETAIL**

Scale: 1" = 1'-0"

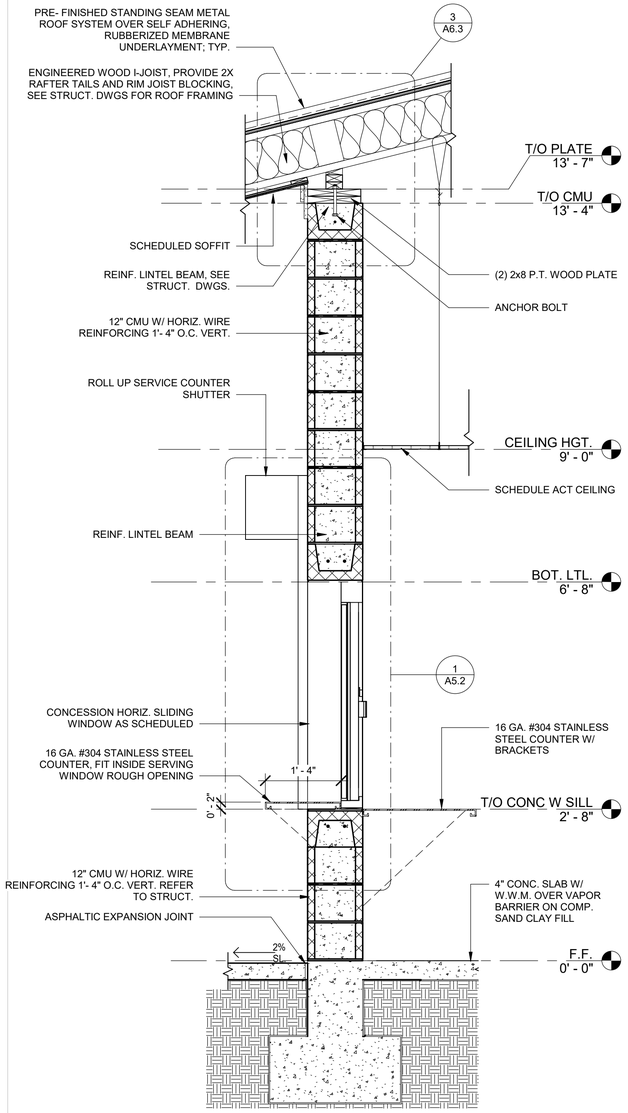
1' 6" 0' 1' 2'



2 A3.2 **INTERIOR WALL SECTION**

Scale: 3/4" = 1'-0"

1' 6" 0' 1' 2'



3 A3.2 **WALL SECTION @ CONCESSION**

Scale: 3/4" = 1'-0"

1' 6" 0' 1' 2'

M

MOTT M MACDONALD

107 St. Francis Street
Suite 2900,
Mobile, Alabama 36602
Telephone: (251) 343-4366
Fax: (251) 343-6902
Architects
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CHRISTIANPREUS Landscape Architecture
855 539 5086
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Mobile, AL 36693

SCALE: As indicated

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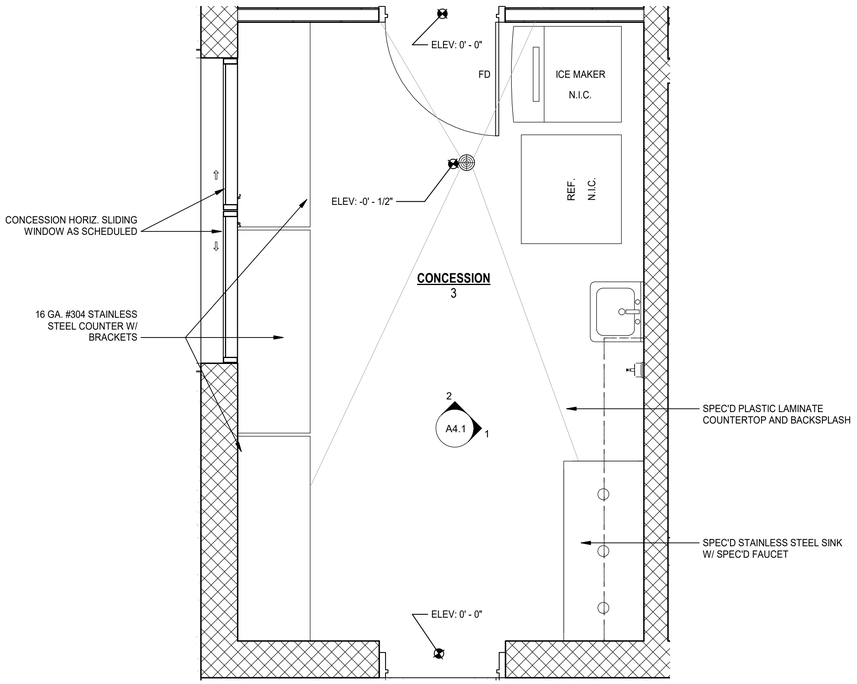
DATE: May 5, 2024

STATE OF ALABAMA ANDREW P MARASCA 6996 REGISTERED ARCHITECT

A3.2



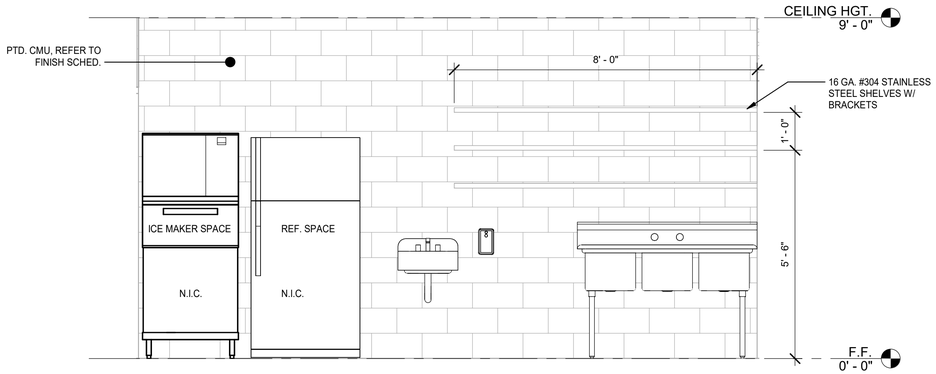
ENLARGED CONCESSION PLAN

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

TRUE NORTH

PROJECT NORTH

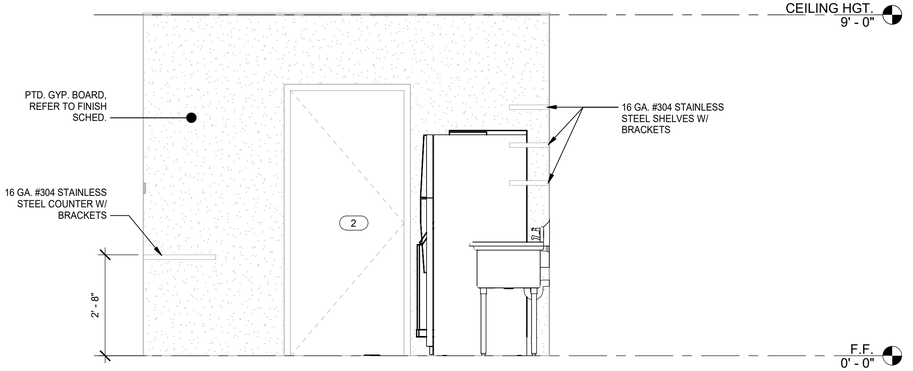
2' 1' 0' 2' 4'



1 A4.1 EAST INTERIOR ELEV @ CONCESSION

Scale: 1/2" = 1'-0"

2' 1' 0' 2' 4'



2 A4.1 NORTH INTERIOR ELEV @ CONCESSION

Scale: 1/2" = 1'-0"

2' 1' 0' 2' 4'

M MOTT MACDONALD M

107 St. Francis Street
Suite 2900,
Mobile, Alabama 36602
Telephone: (251) 343-4366
Fax: (251) 343-6902

Architects
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GENERAL NOTES:

1. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND INFORM THE A/E IF THERE ARE ANY DISCREPANCIES BEFORE PROCEEDING TO DO WORK OR PURCHASE ORDERS.
2. CONTRACTOR SHALL COORDINATE WITH ALL TRADES PRIOR TO COMMENCING WORK.
3. SEE LIFE SAFETY PLAN FOR LOCATIONS AND TYPES OF RATED WALL ASSEMBLIES, FIRE EXTINGUISHERS, AND MEANS OF EGRESS.
4. REFER TO SHEET A3.3 FOR WALL TYPES INFORMATION.
5. COORDINATE WITH MECHANICAL, PLUMBING, AND ELECTRICAL PRIOR TO COMMENCING ANY WORK.
6. ALL INTERIOR DOORS SHALL BE 4" OFFSET FROM WALL UNLESS OTHERWISE NOTED.
7. ALLOW A MINIMUM OF 18 INCHES LATCH-SIDE CLEARANCE ON THE PULL SIDE OF ALL DOORS WITH MANUAL CLOSERS AND A MINIMUM OF 12 INCHES LATCH-SIDE CLEARANCE ON THE PUSH SIDE OFF ALL DOORS WITH MANUAL CLOSERS
8. GENERAL CONTRACTOR SHALL COORDINATE THE LOCATION OF REQUIRED BLOCKING IN WALLS TO RECEIVE CABINETS, SHELVING, TOILET ACCESSORIES, ETC.
9. ALLOW A MINIMUM OF 1 INCH CLEARANCE FROM THE EDGE OF ALL WALLS AND OUTSIDE FACE OF CASEWORK, TYPICAL.
10. W# # INDICATES WINDOW REQUIREMENT. SEE WINDOW SCHEDULES FOR SIZES, GLAZING, ETC. REQUIRED.
11. 101 INDICATES DOOR NUMBER. SEE DOOR SCHEDULE FOR SPECIFIC INFORMATION ON EACH DOOR.
12. SEE FINISH DRAWINGS FOR SPECIFIC FINISH AND SURFACE PREPARATION REQUIREMENTS FOR EACH SPACE.
13. SEE REFLECTED CEILING PLANS FOR SPECIFIC CEILING TYPES, HEIGHTS, DETAILS, LIGHTS, DIFFUSERS, ETC.
14. PROVIDE BLOCKING FOR LOCKERS, TV MONITORS, CABINETS AND OTHER EQUIPMENT AS REQUIRED.
15. DETAILS LABELED "TYPICAL DETAILS" ON THE DRAWINGS APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. SUCH DETAILS APPLY WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION.
16. PROVIDE MOISTURE-RESISTANT PLYWOOD SHEATHING AT ALL TOILET ROOM LOCATIONS WHERE PLYWOOD SHEATHING IS REQUIRED, UNLESS OTHERWISE NOTED.
17. METHOD FOR DIMENSIONING WALLS AND OPENINGS:
    - MASONRY WALLS: FACE TO FACE
    - EXTERIOR FRAME WALLS: FACE OF STUDS
    - INTERIOR FRAME WALLS: FACE OF STUDS

UNLESS OTHERWISE NOTED.

LEGEND:

- STUD WALL - UN-INSULATED
- STUD WALL - INSULATED
- MASONRY WALL
- CONCRETE SLAB
- WINDOW - SEE SCHEDULE
- DOOR - SEE SCHEDULE
- FD — FLOOR DRAIN
- # — INDICATES PARTITION TYPE; SEE PARTITION TYPES SHEET A4.2

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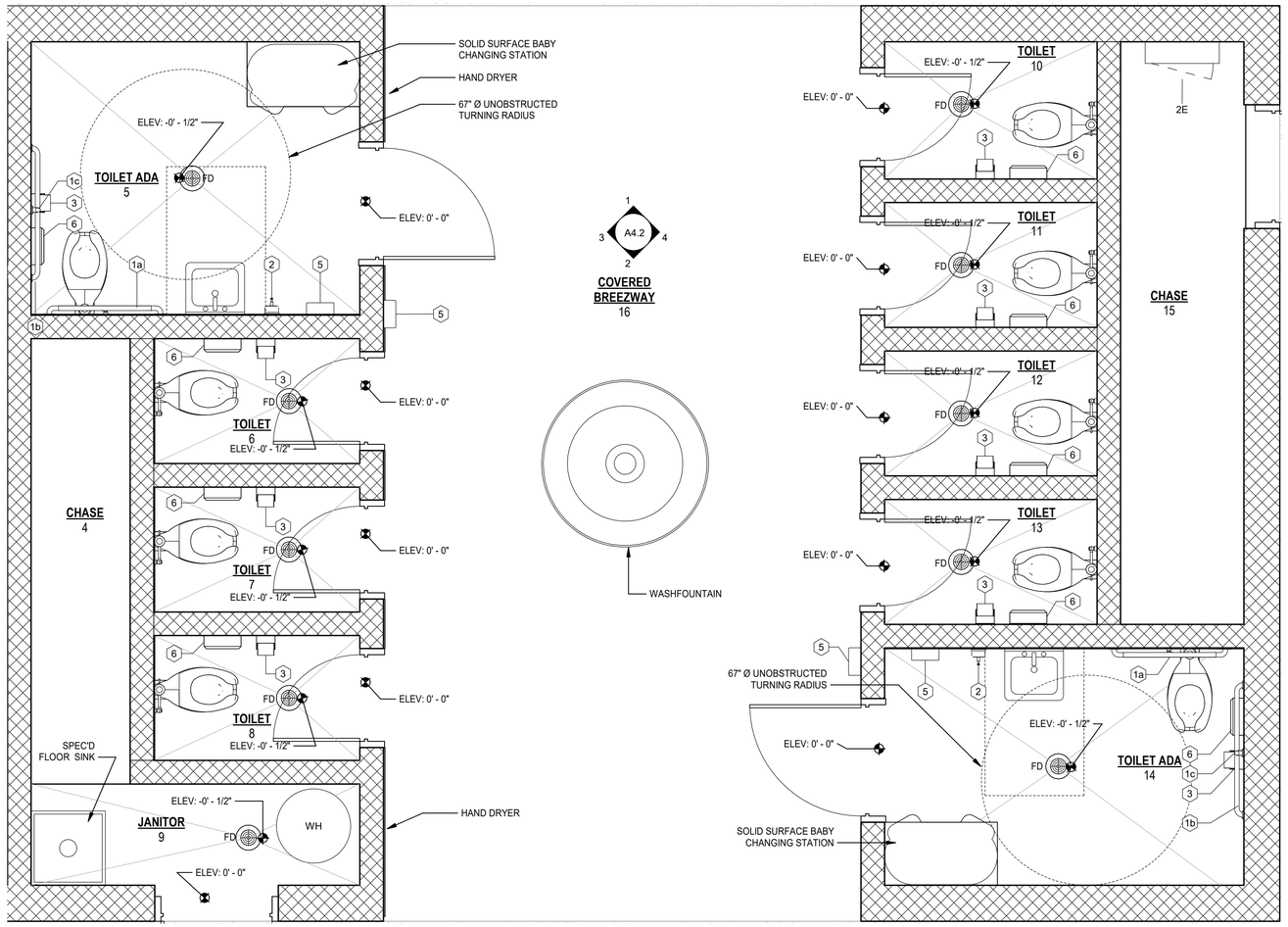
SCALE: As indicated

ISSUED FOR PERMIT

DATE: May 5, 2024

STATE OF ALABAMA
ANDREW P MARASCA
6996
REGISTERED ARCHITECT

A4.1



FP_ENLARGE BATHROOMS

TRUE NORTH / PROJECT NORTH

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

2' 1' 0' 2' 4'

TOILET ACCESSORIES SCHEDULE

SYMBOL	DESCRIPTION	MODEL	REMARKS
1a	36" GRAB BAR	BRADLEY #812-000-36-2	MNT. @ 36" A.F.F.
1b	42" GRAB BAR	BRADLEY #812-000-42-2	MNT. @ 36" A.F.F.
1c	18" GRAB BAR	BRADLEY #812-000-18-2	MNT. @ 40" A.F.F.
2	SOAP DISPENSER	BRADLEY #6562	SEE ELEVATIONS
3	TOILET TISSUE DISPENSER	REFER TO SPECS	MNT. CL @ 19"
4	STAINLESS STEEL MIRROR	BRADLEY #748-0XXXX0	STAINLESS STEEL MIRROR
5	ThinAir Series	HAND DRYER, REFER TO SPECS	SEE ELEVATIONS
6	SANITARY NAPKIN HOLDER	REFER TO SPECS	SEE ELEVATIONS

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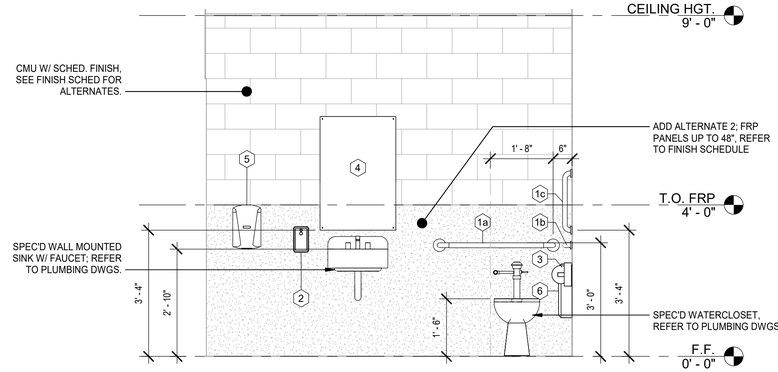
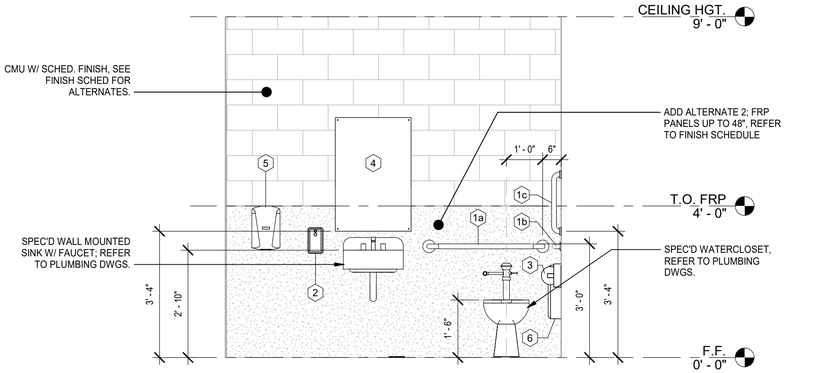


1 A4.2 NORTH ELEVATION @ ADA RESTROOM

Scale: 1/2" = 1'-0"

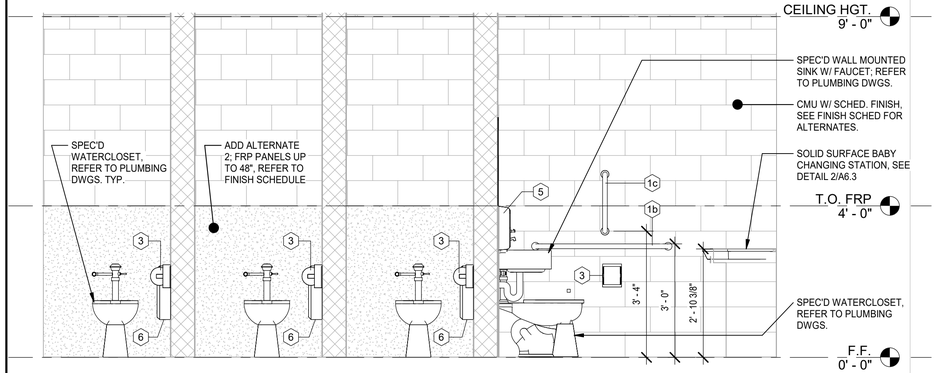
2' 1' 0' 2' 4'



2 A4.2 SOUTH ELEVATION @ ADA RESTROOMS

Scale: 1/2" = 1'-0"

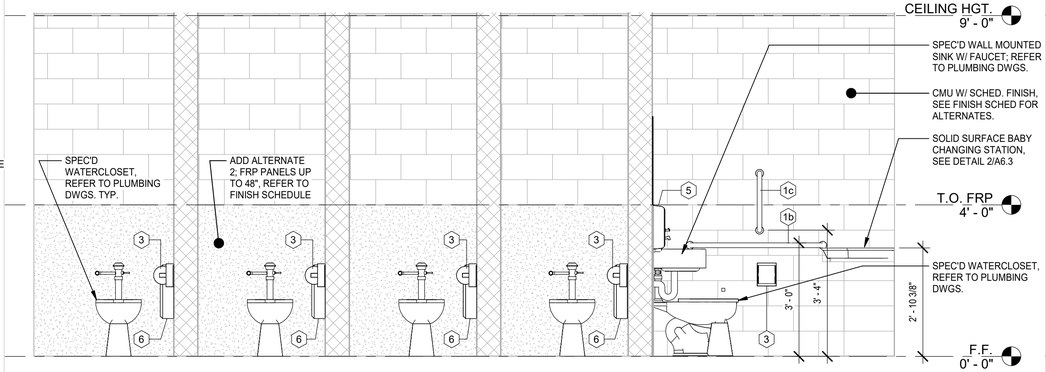
2' 1' 0' 2' 4'



3 A4.2 WEST INTERIOR ELEVATION @ RESTROOMS

Scale: 1/2" = 1'-0"

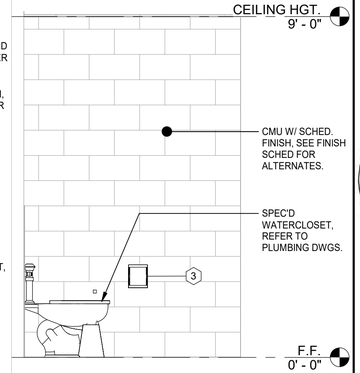
2' 1' 0' 2' 4'



4 A4.2 EAST INTERIOR ELEVATION @ RESTROOMS

Scale: 1/2" = 1'-0"

2' 1' 0' 2' 4'



5 A4.2 SOUTH ELEVATION

Scale: 1/2" = 1'-0"

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1/2" = 1'-0" SCALE

STATE OF ALABAMA ANDREW P MARASCA 6996 REGISTERED ARCHITECT

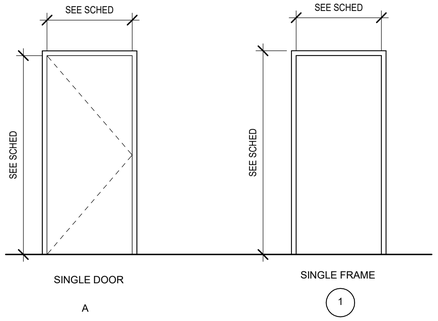
ISSUED FOR PERMIT

DATE: May 5, 2024

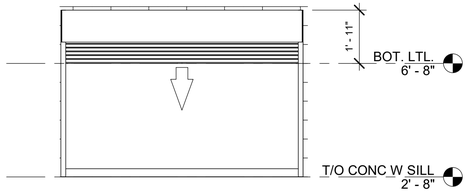
A4.2

DOOR SCHEDULE

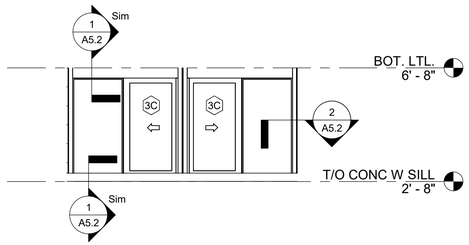
MARK	ROOM NAME	DOORS SIZE WIDTH	DOORS SIZE HEIGHT	DOORS ELEV	DOORS MATERIAL	DOORS FINISH	DOORS GLAZING	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	FRAME DETAIL HEAD	FRAME DETAIL JAMB	FRAME DETAIL SILL	FIRE RATING	HARDWARE SET NO.	REMARKS
2	STORAGE	3' - 0"	7' - 0"	A	GHM	FACTORY	--	1	GHM	FACTORY	1/A4.1	2/A4.1	3/A4.1	-	1	ALTERNATE REPLACE GHM DOORS AND FREME WITH FRP DOORS AND FRAMES
3	CONCESSION	3' - 0"	7' - 2"	A	GHM	FACTORY	--	1	GHM	FACTORY	1/A4.2	2/A4.2	1/A4.2		2	ALTERNATE REPLACE GHM DOORS AND FREME WITH FRP DOORS AND FRAMES
5	TOILET ADA	3' - 0"	7' - 2"	A	GHM	FACTORY	--	1	GHM	FACTORY	3/A4.2	4/A4.2	5/A4.2		3	ALTERNATE REPLACE GHM DOORS AND FREME WITH FRP DOORS AND FRAMES
6	TOILET	2' - 4"	7' - 2"	A	GHM	FACTORY	--	1	GHM	FACTORY	3/A4.2	4/A4.2	5/A4.2		3	ALTERNATE REPLACE GHM DOORS AND FREME WITH FRP DOORS AND FRAMES
7	TOILET	2' - 4"	7' - 2"	A	GHM	FACTORY	--	1	GHM	FACTORY	3/A4.2	4/A4.2	5/A4.2		3	ALTERNATE REPLACE GHM DOORS AND FREME WITH FRP DOORS AND FRAMES
8	TOILET	2' - 4"	7' - 2"	A	GHM	FACTORY	--	1	GHM	FACTORY	3/A4.2	4/A4.2	5/A4.2		3	ALTERNATE REPLACE GHM DOORS AND FREME WITH FRP DOORS AND FRAMES
9	JANITOR	3' - 0"	7' - 2"	A	GHM	FACTORY	--	1	GHM	FACTORY	3/A4.2	4/A4.2	5/A4.2		1	ALTERNATE REPLACE GHM DOORS AND FREME WITH FRP DOORS AND FRAMES
10	TOILET	2' - 4"	7' - 2"	A	GHM	FACTORY	--	1	GHM	FACTORY	3/A4.2	4/A4.2	5/A4.2		3	ALTERNATE REPLACE GHM DOORS AND FREME WITH FRP DOORS AND FRAMES
11	TOILET	2' - 4"	7' - 2"	A	GHM	FACTORY	--	1	GHM	FACTORY	3/A4.2	4/A4.2	5/A4.2		3	ALTERNATE REPLACE GHM DOORS AND FREME WITH FRP DOORS AND FRAMES
12	TOILET	2' - 4"	7' - 2"	A	GHM	FACTORY	--	1	GHM	FACTORY	3/A4.2	4/A4.2	5/A4.2		3	ALTERNATE REPLACE GHM DOORS AND FREME WITH FRP DOORS AND FRAMES
13	TOILET	2' - 4"	7' - 2"	A	GHM	FACTORY	--	1	GHM	FACTORY	3/A4.2	4/A4.2	5/A4.2		3	ALTERNATE REPLACE GHM DOORS AND FREME WITH FRP DOORS AND FRAMES
14	TOILET ADA	3' - 0"	7' - 2"	A	GHM	FACTORY	--	1	GHM	FACTORY	3/A4.2	4/A4.2	5/A4.2		3	ALTERNATE REPLACE GHM DOORS AND FREME WITH FRP DOORS AND FRAMES
15	CHASE	3' - 0"	7' - 2"	A	GHM	FACTORY	--	1	GHM	FACTORY	3/A4.2	4/A4.2	5/A4.2		1	ALTERNATE REPLACE GHM DOORS AND FREME WITH FRP DOORS AND FRAMES



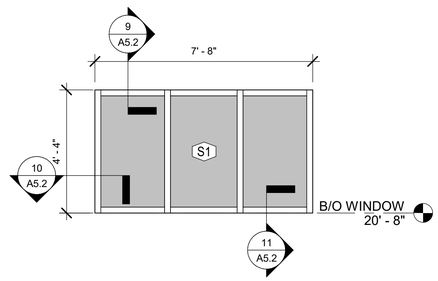
LEGEND - GRAPHIC DOOD & FRAME SCHEDULE
SCALE: 3/8" = 1'-0"



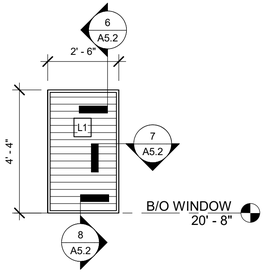
ROLL UP SERVICE COUNTER SHUTTER
SCALE: 3/8" = 1'-0"



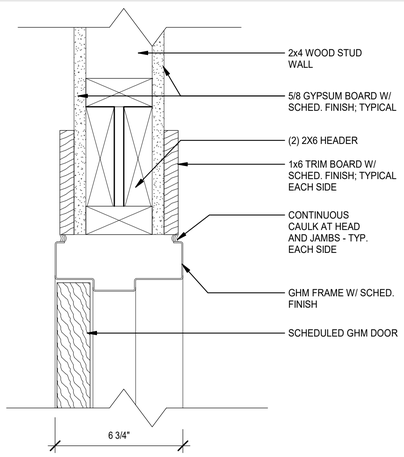
EE_CONC WINDOW
SCALE: 3/8" = 1'-0"



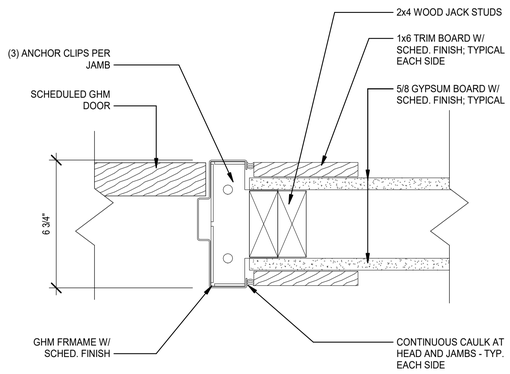
EE_FIXED ALUMINUM STOREFRONT TYPE S1
SCALE: 3/8" = 1'-0"



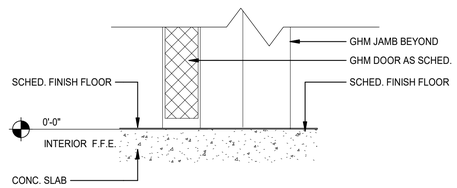
LOUVER
SCALE: 3/8" = 1'-0"



1 A5.1 **TYPICAL INTERIOR DOOR HEAD DETAIL**
Scale: 3" = 1'-0"
4" 2" 0' 4" 8"



2 A5.1 **TYPICAL INTERIOR DOOR JAMB DETAIL**
Scale: 3" = 1'-0"
4" 2" 0' 4" 8"



3 A5.1 **SILL DETAIL AT INTERIOR DOORS**
Scale: 3" = 1'-0"
4" 2" 0' 4" 8"

MOTT MACDONALD
107 St. Francis Street
Suite 2900,
Mobile, Alabama 36602
Telephone: (251) 343-4366
Fax: (251) 343-6902
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GENERAL NOTES:

1. DOORS AND WINDOWS SHALL BE INSTALLED PER CODE APPROVED FASTENERS AND MANUFACTURER'S INSTRUCTIONS TO MEET THE DESIGN WIND PRESSURES.
2. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION ON WIND PRESSURES.
3. OVERALL DIMENSIONS GIVEN ARE FOR ROUGH OPENINGS.
4. CONTRACTOR TO VERIFY ALL DOOR AND WINDOW SIZES, ROUGH OPENING, ETC. PRIOR TO ORDERING. THE ARCHITECT IS TO BE NOTIFIED OF ANY DESIGN CONFLICTS.
5. PRIOR TO FABRICATION, ALL DOOR AND WINDOW OPENINGS TO BE FIELD VERIFIED TO MEET MANUFACTURERS TOLERENCES FOR HEAD, JAMB AND SILL CONDITIONS.
6. ALL CURTAIN WALL FRAMING, STOREFRONT FRAMING, BRAKE METAL ENCLOSURES, GYPSUM BOARD RECEIVERS AND ALUMINUM EXTRUSIONS ARE TO HAVE MATCHING FINISHES, UNLESS NOTED OTHERWISE.
7. REFER TO SPECIFICATIONS AND FINISH SCHEDULE FOR DOOR AND FRAME FINISHES.
8. UNLESS OTHERWISE NOTED, GLAZING ELEVATIONS SHOWN FROM EXTERIOR SIDE.

ABBREVIATIONS:

AL	ALUMINUM	HM	HOLLOW METAL
AM	ANTI-MICROBIAL FINISH	HO	HOLD OPEN
AO	AUTOMATIC OPERATOR	IA	INFANT ABDUCTION
AP	ARMOR PLATE	JP	JAMB PROTECTORS
AT	ACOUSTICAL TREATMENT	KP	KICK PLATE
CH	CONTINUOUS HINGE	LL	LEAD LINED
CK	COAT HOOK	ML	MAGNETIC LOCK
CL	CLOSER	MP	MOP PLATE
CR	CARD READER	MTL	METAL
DA	DOUBLE ACTING	PP	PUSH PLATE
DE	DOUBLE EGRESS	PA	PANIC HARDWARE
DO	DOOR OPERATOR	SCWD	SOLID CORE WOOD
EG	EDGE GUARD	SG	SAFETY GLASS
FRP	FIBERGLASS REINFORCED PLASTIC	SS	STAINLESS STEEL
		VL	VISION LIGHT
GL	GLASS / GLAZING	WD	WOOD
		ST	STAIN

GLAZING INDEX:

1. CLEAR TEMPERED GLASS, RE: SPECIFICATIONS
2. CLEAR LAMINATED TEMPERED GLASS, RE: SPECIFICATIONS
3. INSULATED LAMINATED GLASS UNITS (IMPACT RATED), RE: SPECIFICATIONS
4. INSULATED LAMINATED GLASS SPANDREL UNITS (IMPACT RATED), RE: SPECIFICATIONS

HARDWARE SCHEDULE:

HARDWARE SET #1
LOCKSET: STORAGE
BUTTTS: 1 1/2 PAIR
SILENCER: 2 EACH

HARDWARE SET #2
LOCKSET: STORAGE
BUTTTS: 1 1/2 PAIR
SILENCER: 2 EACH
CLOSER: 1 EACH
WEATHERSTRIP: 1 EACH

HARDWARE SET #3
LOCKSET: PRIVACY
BUTTS: 1 1/2 PAIR
CLOSER: 1 EACH
SILENCER: 3 EACH

NOTE:
1. ALL HARDWARE TO COME WITH CONSTRUCTION CORES AND NEW CORES TO BE TURNED INTO THE OWNER UPON DELIVERY FOR KEYING.
2. ALL HARDWARE TO BE LEVER ACTION AND IN BRUSHED NICKEL.

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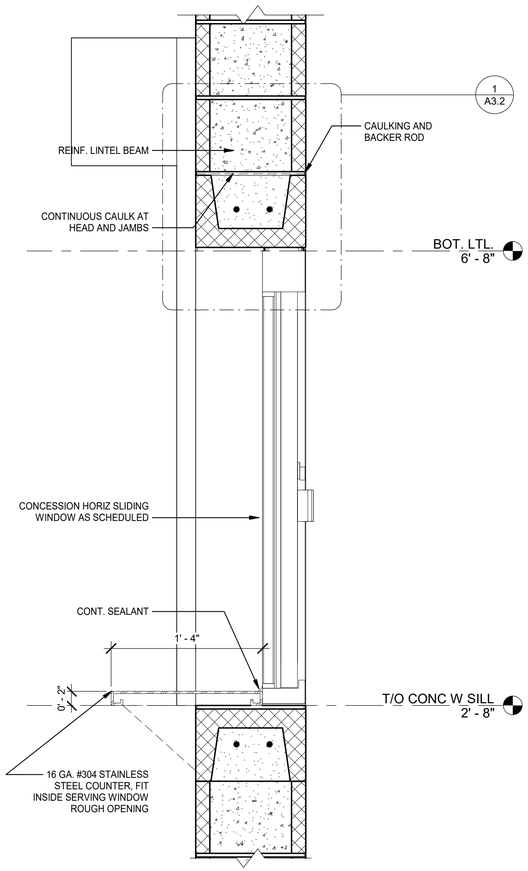
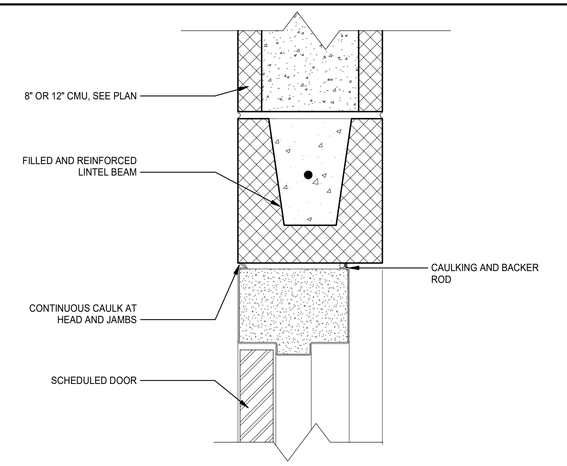


1 A5.2 CONCESSION WINDOW DETAIL

Scale: 1 1/2" = 1'-0"

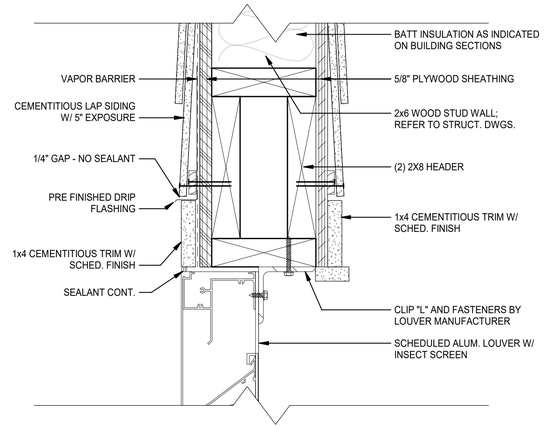
6" 3" 0' 6" 1'



3 A5.2 DOOR HEAD DETAIL

Scale: 3" = 1'-0"

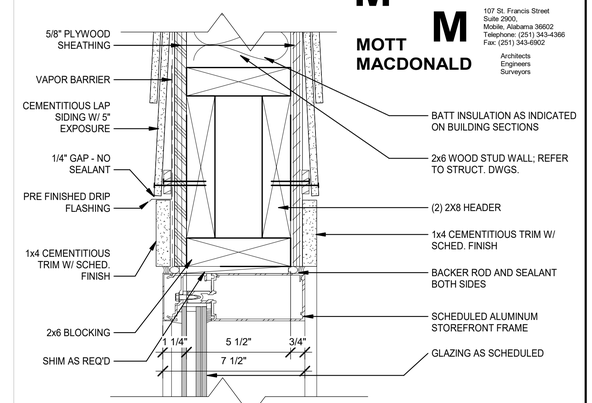
4" 2" 0' 4" 8"



6 A5.2 TYPICAL LOUVER HEAD DETAIL

Scale: 3" = 1'-0"

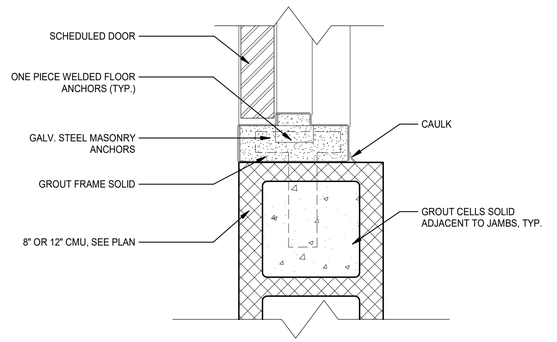
4" 2" 0' 4" 8"



9 A5.2 EXTERIOR STOREFRONT HEAD

Scale: 3" = 1'-0"

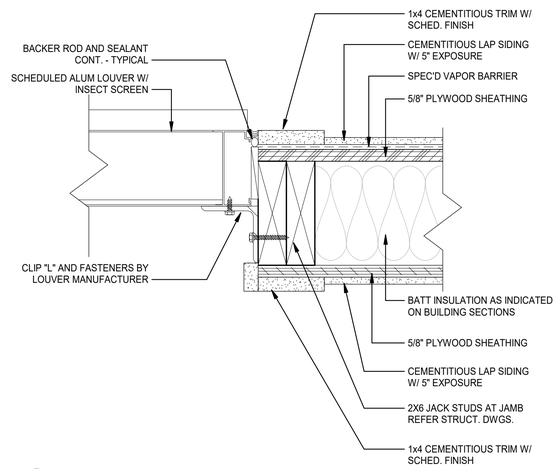
4" 2" 0' 4" 8"



4 A5.2 DOOR JAMB DETAIL

Scale: 3" = 1'-0"

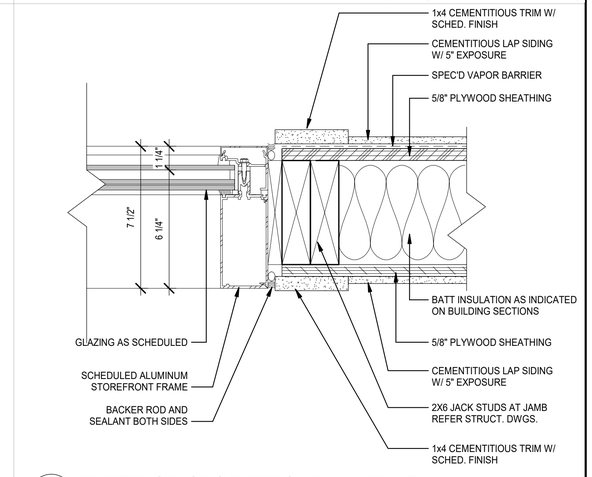
4" 2" 0' 4" 8"



7 A5.2 TYPICAL LOUVER JAMB DETAIL

Scale: 3" = 1'-0"

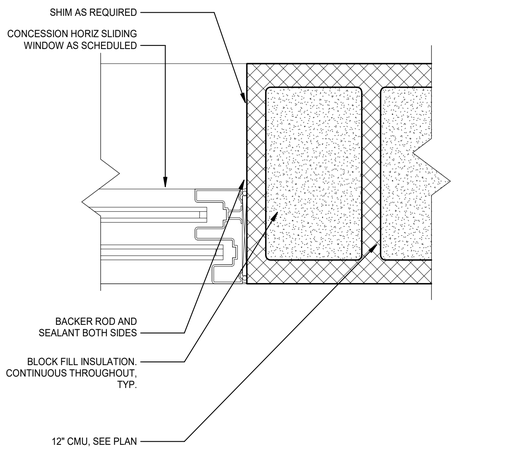
4" 2" 0' 4" 8"



10 A5.2 EXTERIOR STOREFRONT JAMB AT WALL

Scale: 3" = 1'-0"

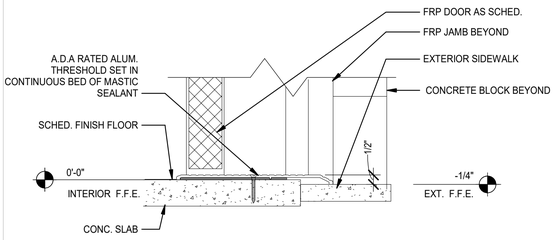
4" 2" 0' 4" 8"



2 A5.2 CONCESSION WINDOW JAMB DETAIL

Scale: 3" = 1'-0"

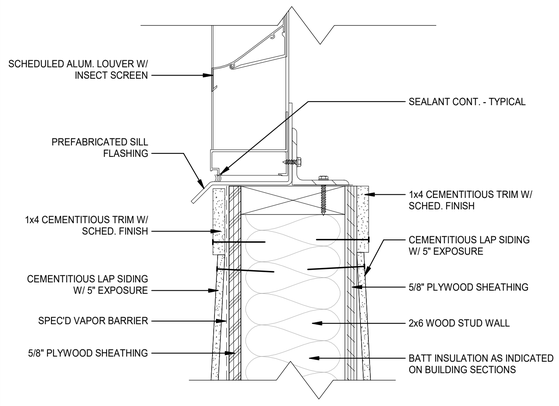
4" 2" 0' 4" 8"



5 A5.2 SILL DETAIL AT EXTERIOR DOORS

Scale: 3" = 1'-0"

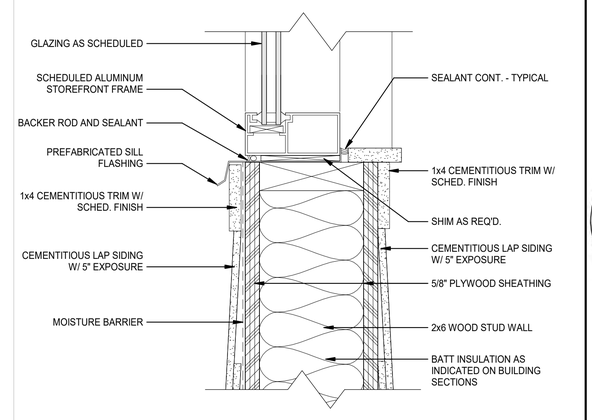
4" 2" 0' 4" 8"



8 A5.2 TYPICAL LOUVER SILL

Scale: 3" = 1'-0"

4" 2" 0' 4" 8"



11 A5.2 WINDOW SILL DETAIL

Scale: 3" = 1'-0"

2' 1' 0' 2' 4'

MOTT MACDONALD
107 St. Francis Street
Suite 2900,
Mobile, Alabama 36602
Telephone: (251) 343-4366
Fax: (251) 343-9902
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ARCHITECTURAL DRAWINGS FOR:
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Mobile, AL 36693

SCALE: As indicated

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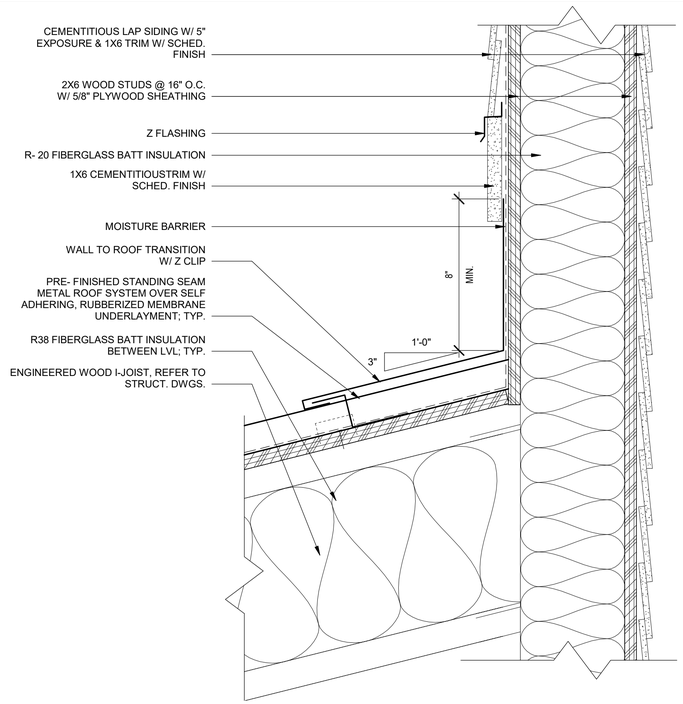
DATE: May 5, 2024

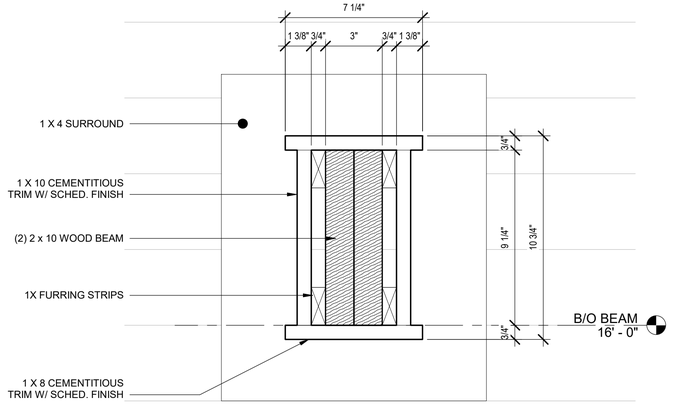
STATE OF ALABAMA
ANDREW P MARASCA
6996
REGISTERED ARCHITECT

A5.2



1 A6.1 **WALL TO ROOF DETAIL**
Scale: 3" = 1'-0"

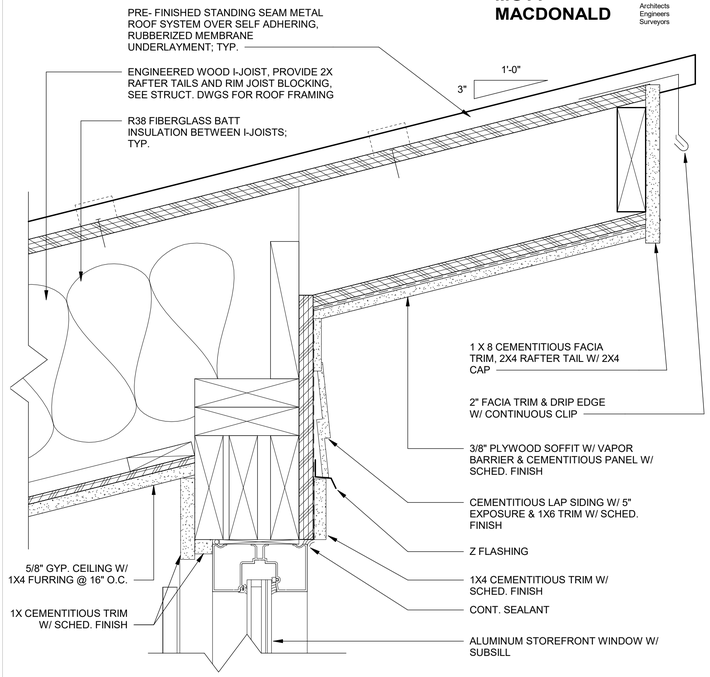
4" 2" 0' 4" 8"

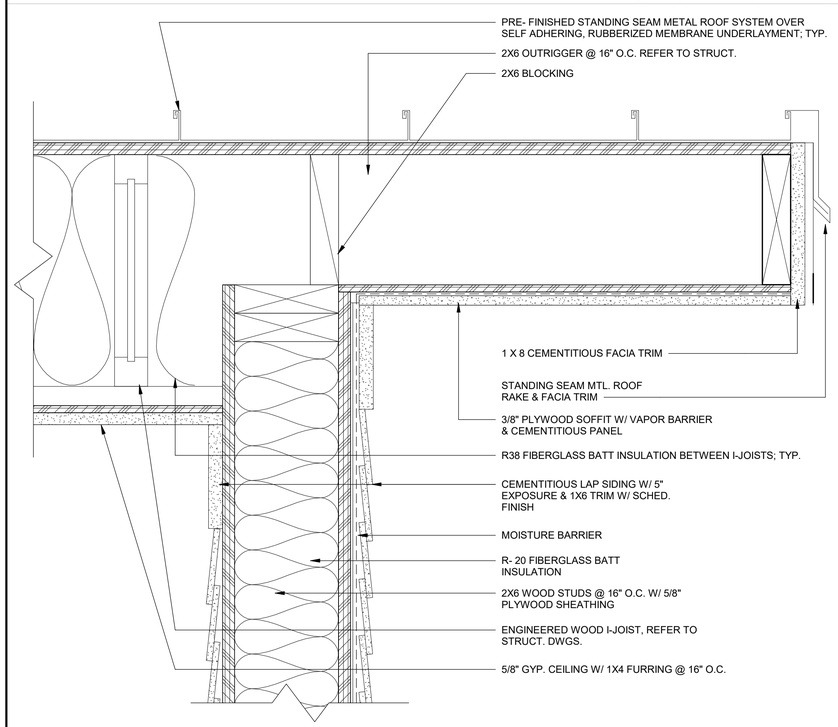


3 A6.1 **BEAM DETAIL**
Scale: 3" = 1'-0"

4" 2" 0' 4" 8"

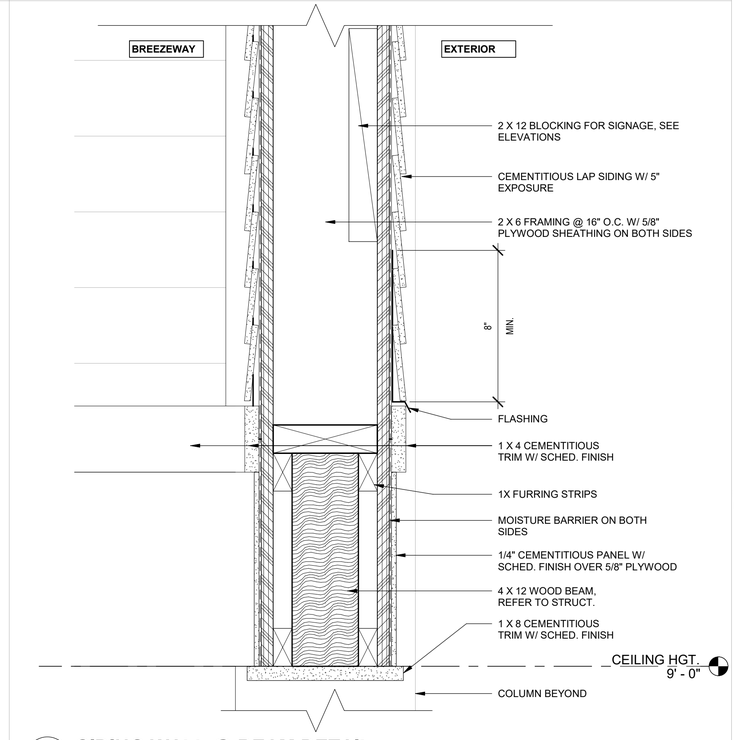
NOTES:
1. SEE STRUCT. FOR ALL CLIPS & STRAPS FOR FRAMING
2. ALL FLASHING AND TRIM TO MATCH PBU PANEL FINISH
3. ALL SIDING TO BE SMOOTH FACE





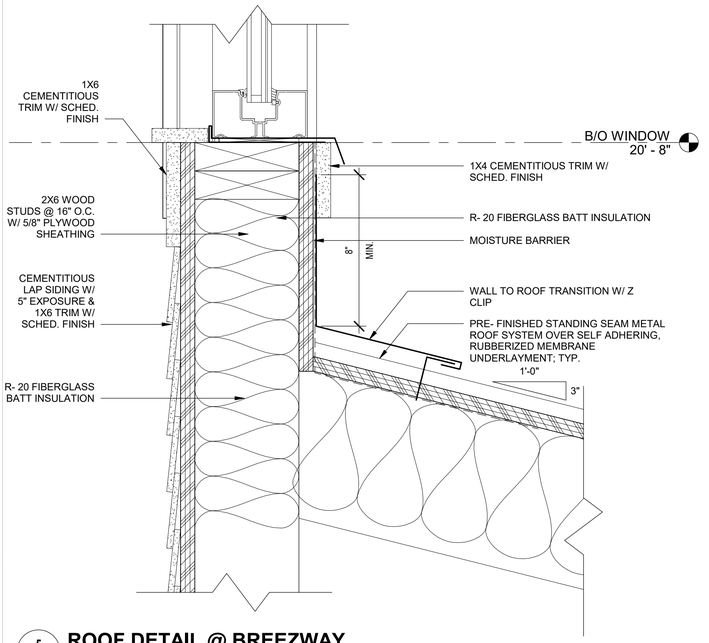
2 A6.1 **ROOF RAKE DETAIL @ BREEZEWAY**
Scale: 3" = 1'-0"

4" 2" 0' 4" 8"



4 A6.1 **SIDING WALL @ BEAM DETAIL**
Scale: 3" = 1'-0"

4" 2" 0' 4" 8"



5 A6.1 **ROOF DETAIL @ BREEZEWAY**
Scale: 3" = 1'-0"

6" 3" 0' 6" 1'

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107 St. Francis Street
Suite 2900,
Mobile, Alabama 36602
Telephone: (251) 343-4366
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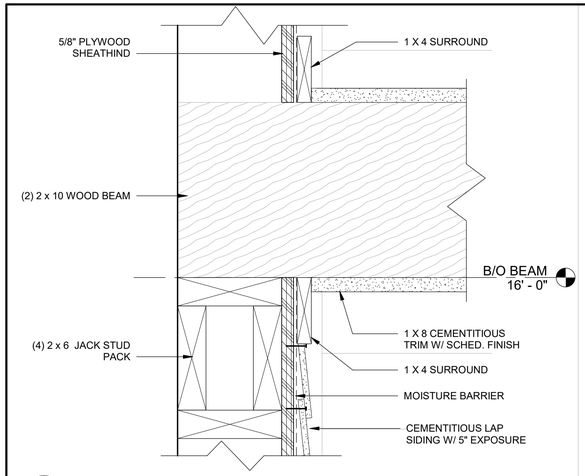
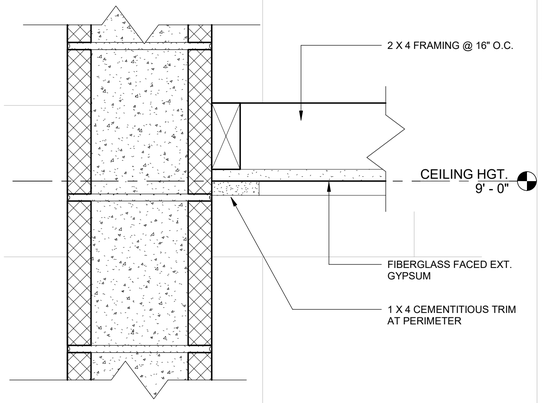
A6.1



1 A6.2 BEAM TO WALL DETAIL

Scale: 3" = 1'-0"

4" 2" 0' 4" 8"



3 A6.2 CEILING @ CMU DETAIL

Scale: 3" = 1'-0"

4" 2" 0' 4" 8"

NOTES:
1. SEE STRUCT. FOR ALL CLIPS & STRAPS FOR FRAMING
2. ALL FLASHING AND TRIM TO MATCH PBU PANEL FINISH
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M
MOTT MACDONALD **M**
107 St. Francis Street
Suite 2900,
Mobile, Alabama 36602
Telephone: (251) 343-4366
Fax: (251) 343-6902
Architects
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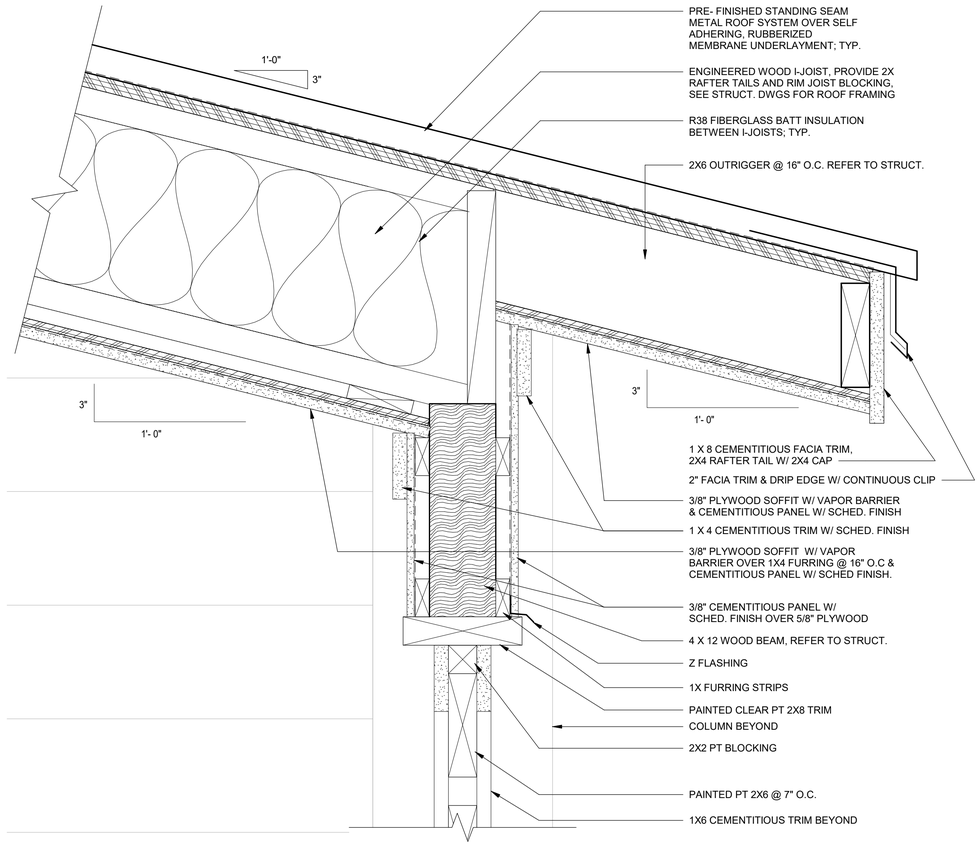
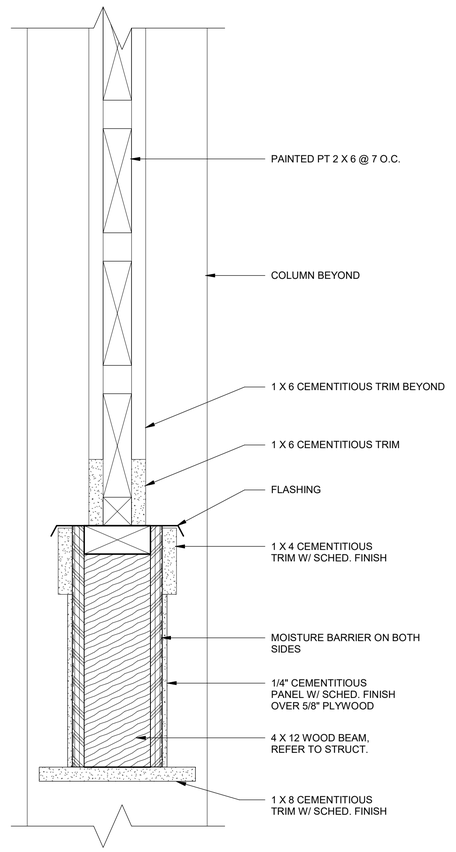


5 A6.2 WALL TO ROOF DETAIL @ COVERED OUTDOOR

Scale: 3" = 1'-0"

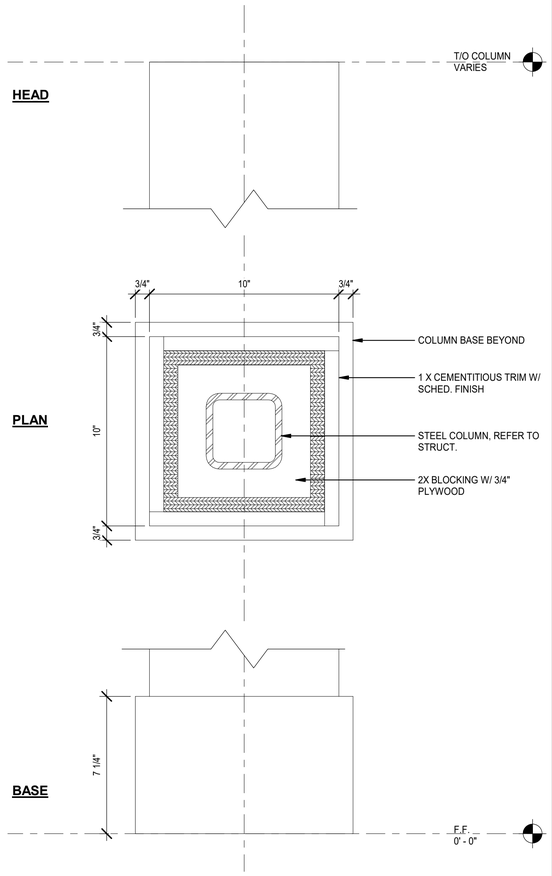
4" 2" 0' 4" 8"



2 A6.2 SCREEN DETAIL @ BEAM DETAIL

Scale: 3" = 1'-0"

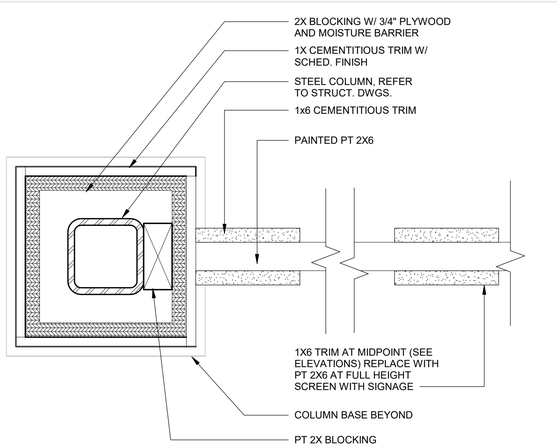
4" 2" 0' 4" 8"



4 A6.2 COLUMN WRAP DETAIL

Scale: 3" = 1'-0"

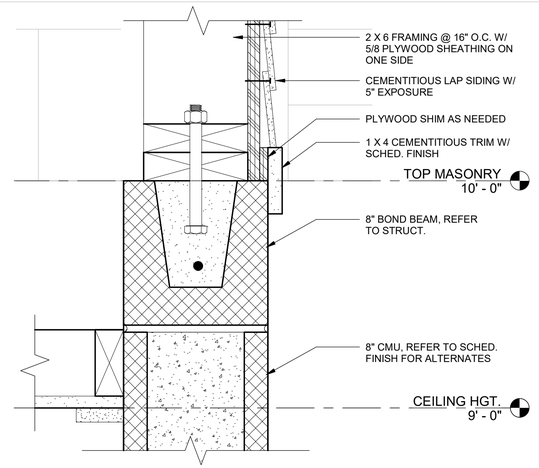
4" 2" 0' 4" 8"



6 A6.2 SCREEN DETAIL AT COLUMN

Scale: 3" = 1'-0"

4" 2" 0' 4" 8"



7 A6.2 TRIM @ MASONRY FRAMING TRANSITION

Scale: 3" = 1'-0"

4" 2" 0' 4" 8"

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SCALE 3" = 1'-0"

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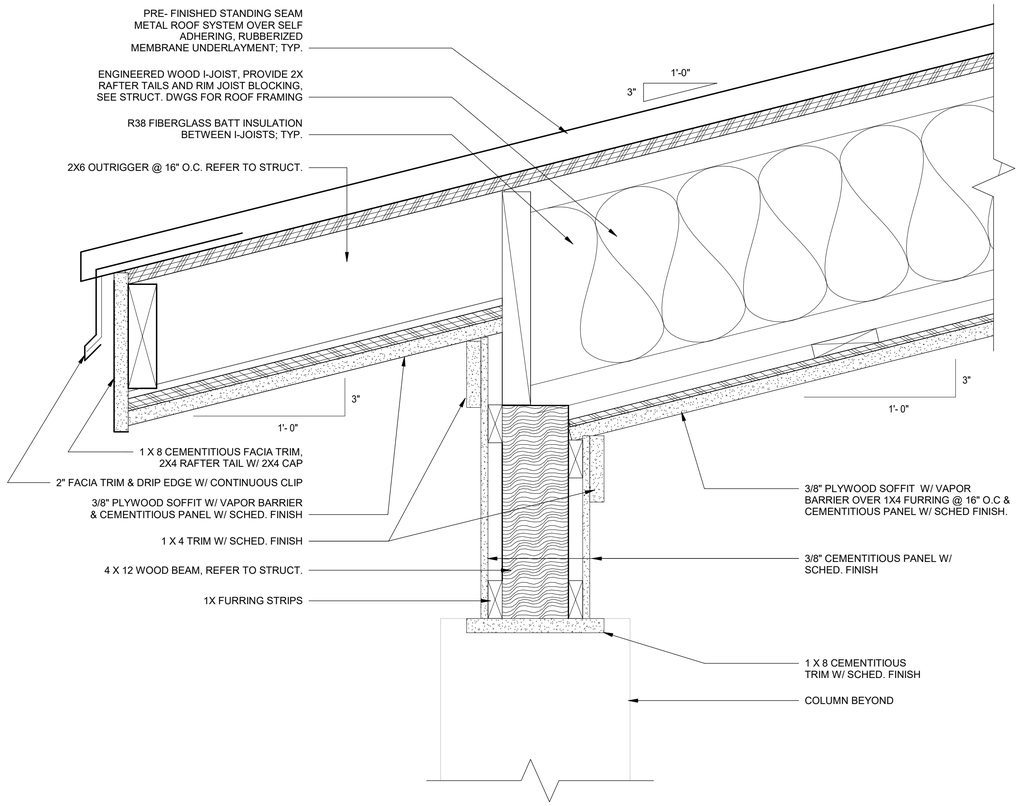
DATE: May 5, 2024

A6.2

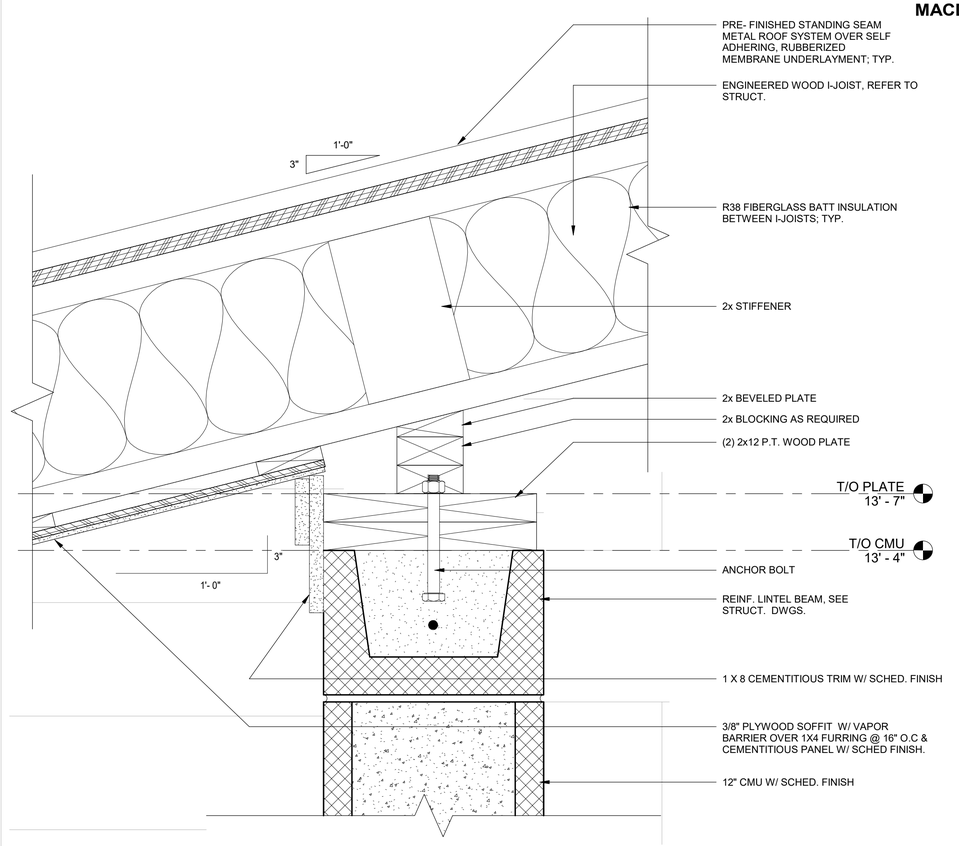


1 A6.3 ROOF DETAIL @ COLUMN

Scale: 3" = 1'-0"

4" 2" 0' 4" 8"

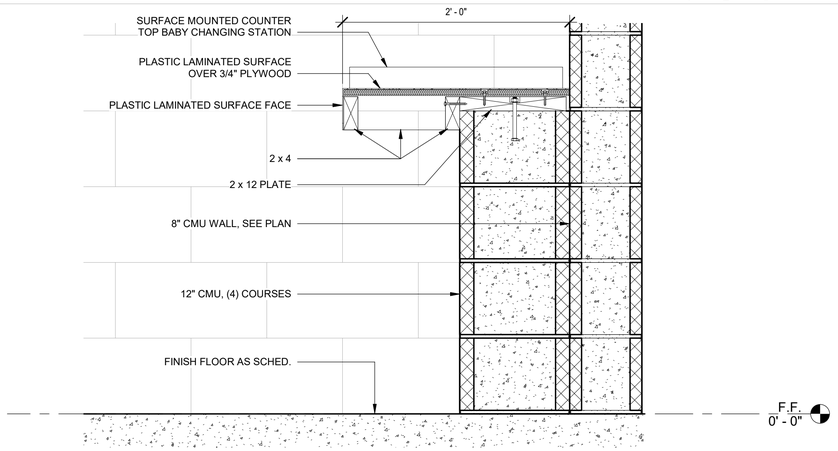
NOTES:
1. SEE STRUCT. FOR ALL CLIPS & STRAPS FOR FRAMING
2. ALL FLASHING AND TRIM TO MATCH PBU PANEL FINISH
3. ALL SIDING TO BE SMOOTH FACE



3 A6.3 CMU WALL TO ROOF DETAIL

Scale: 3" = 1'-0"

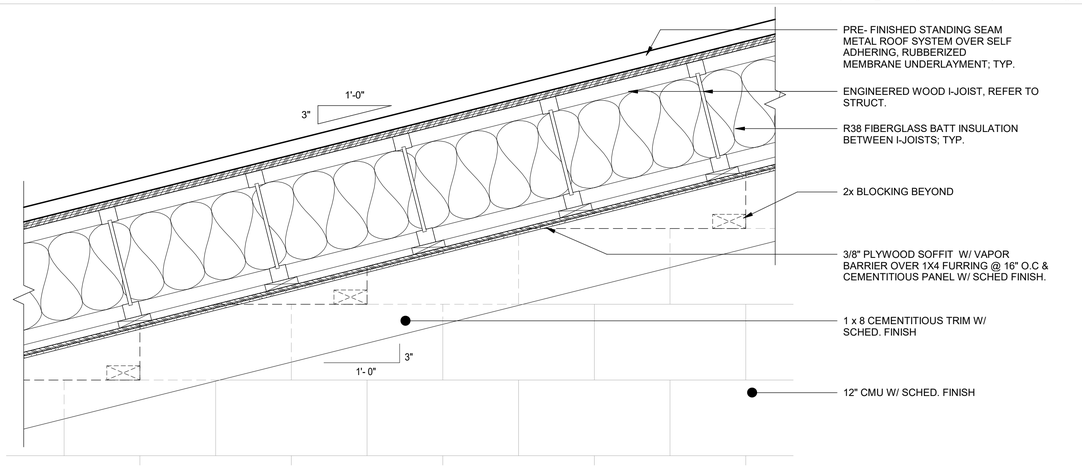
4" 2" 0' 4" 8"



2 A6.3 BABY CHANGING ATATION SECTION

Scale: 1 1/2" = 1'-0"

6" 3" 0' 6" 1'



4 A6.3 TRIM DETAIL @ SOFFIT

Scale: 1 1/2" = 1'-0"

6" 3" 0' 6" 1'

MOTT MACDONALD
107 St. Francis Street
Suite 2900,
Mobile, Alabama 36602
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STATE OF ALABAMA ANDREW P MARASCA 6996 REGISTERED ARCHITECT

A6.3

GENERAL

1. TO THE BEST OF OUR KNOWLEDGE, THE STRUCTURAL PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE 2021 INTERNATIONAL BUILDING CODE.

2. THE STRUCTURAL DOCUMENTS ARE TO BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, ELECTRICAL, MECHANICAL AND PLUMBING DOCUMENTS. USE THESE NOTES IN CONJUNCTION WITH THE SPECIFICATIONS. IF A CONFLICT EXISTS, THE MORE STRINGENT GOVERNS.

3. COMPLY WITH REQUIREMENTS OF THE BUILDING CODE, OSHA, AND ALL OTHER APPLICABLE FEDERAL, STATE AND LOCAL CODES, STANDARDS, REGULATIONS AND LAWS.

4. ALL REFERENCED STANDARDS REFER TO THE EDITION IN FORCE AT THE TIME THESE PLANS AND SPECIFICATIONS ARE ISSUED FOR PERMITTING.

5. REVIEW ALL CONTRACT DOCUMENTS, DIMENSIONS AND SITE CONDITIONS AND COORDINATE WITH FIELD DIMENSIONS AND PROJECT SHOP DRAWINGS PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES IN WRITING TO ARCHITECT/ENGINEER. DO NOT CHANGE SIZE OR DIMENSIONS OF STRUCTURAL MEMBERS WITHOUT WRITTEN INSTRUCTIONS FROM THE STRUCTURAL ENGINEER OF RECORD.

6. ANY DISCREPANCIES, OMISSIONS OR VARIATIONS NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS DISCOVERED DURING THE BIDDING PERIOD SHALL BE IMMEDIATELY COMMUNICATED IN WRITING TO THE ARCHITECT/ENGINEER.

7. PROTECT EXISTING FACILITIES, STRUCTURES AND UTILITY LINES FROM ALL DAMAGE. EACH CONTRACTOR SHALL PROTECT HIS WORK, ADJACENT PROPERTY AND THE PUBLIC. EACH CONTRACTOR IS SOLELY RESPONSIBLE FOR DAMAGE OR INJURY DUE TO HIS ACT OR NEGLECT.

8. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SAFETY AND CONSTRUCTION PROCEDURES.

9. DO NOT SCALE DRAWINGS; USE DIMENSIONS.

10. REFER TO ARCHITECTURAL, ELECTRICAL, MECHANICAL AND PLUMBING DRAWINGS FOR SIZE AND LOCATION OF OPENINGS IN STRUCTURE NOT SHOWN ON STRUCTURAL DRAWINGS.

11. DETAILS LABELED "TYPICAL DETAILS" OR "TYP" ON THE DRAWINGS APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. SUCH DETAILS APPLY WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION. QUESTIONS REGARDING APPLICABILITY OF TYPICAL DETAILS SHALL BE RESOLVED BY THE ARCHITECT/ENGINEER.

12. DESIGN LOADS AND CRITERIA :

A. LIVE LOADS :
- ROOF: 20 PSF
- FLOOR: 100 PSF
- CONCENTRATED LOADS : AS SHOWN ON PLANS

B. TRUSS DESIGN LOADS
- TOP CHORD DEAD LOAD MAX: 15 PSF
- TOP CHORD DEAD LOAD MIN: 5 PSF
- BOTTOM CHORD DEAD LOAD MAX: 10 PSF
- BOTTOM CHORD DEAD LOAD MIN: 5 PSF
- ROOF LIVE LOAD: 20 PSF
- ROOF UPLIFT PRESSURES: REFER TO S1.4

C. WIND CRITERIA (ASCE 7-16):
- ADDRESS: 5400 GRISHILDE DRIVE MOBILE, ALABAMA
- WIND SPEED, V_{ULT} : 160 MPH
- EXPOSURE : B
- RISK CATEGORY : II
- ENCLOSURE: ENCLOSED*

* TO ACHIEVE ENCLOSED CLASSIFICATION, ALL GLAZED OPENINGS SHALL BE IMPACT RESISTANT OR PROTECTED WITH IMPACT RESISISTING COVERING. ALL LOUVERS FOR THE FIRST 30 FEET SHALL MEET THE REQUIREMENTS OF AN APPROVED IMPACT-RESISTING STANDARD OF THE LARGE MISSILE TEST OF ASTM E1996.

D. SEISMIC CRITERIA (ASCE 7-16) :
- IMPORTANCE FACTOR : 1.00
- MAPPED RESPONSE ACCELERATION, S_S : 0.130
- MAPPED RESPONSE ACCELERATION, S_1 : 0.068
- RESPONSE COEFFICIENT, S_{D1} : 0.097
- RESPONSE COEFFICIENT, S_{DS} : 0.11
- DESIGN CATEGORY : B
- SEISMIC-FORCE-RESISTING SYSTEM : LIGHT-FRAME SHEATHED BEARING WALLS
- RESPONSE MODIFICATION FACTOR, R : 7.0
- RESPONSE COEFFICIENT, C_S : 0.014
- ANALYSIS PROCEDURE : EQUIVALENT LATERAL FORCE PROCEDURE

E. SNOW LOAD CRITERIA (ASCE 7-16) :
- GROUND SNOW LOAD : 0 PSF

F. REFERENCE DATA AND FLOOD DATA:
- ADDRESS: 5400 GRISHILDE DRIVE MOBILE, ALABAMA
- STRUCTURAL PLANS ARE BASED ON TOP OF CONCRETE FOR THE GROUND LEVEL 0'-0" = 97.00' NGVD (COORDINATE WITH CIVIL DRAWINGS)
- PROJECT LOCATED IN FLOOD ZONE X.

13. ALL WIND FORCES SHALL BE DETERMINED ACCORDING TO THE PROVISIONS OF ASCE FOR THE MINIMUM WIND CRITERIA STATED IN NOTE 12, INCLUDE ALL APPROPRIATE SHAPE, HEIGHT, AND GUST FACTORS FOR THE MAIN WIND FORCE RESISTING SYSTEM AND CLADDING. TO CALCULATE THE MAXIMUM NET ROOF UPLIFT, USE 60% DEAD LOAD.

SHOP DRAWING SUBMITTAL

1. THE FOLLOWING REQUIREMENTS IN NO WAY REDUCE OR LIMIT ANY ADDITIONAL REQUIREMENTS OF THE SPECIFICATIONS.

2. REVIEW OF SUBMITTALS BY THE STRUCTURAL ENGINEER IS FOR GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS. RESPONSIBILITY FOR THE CORRECTNESS OF DIMENSIONS, DETAILS, QUANTITIES, AND SAFETY DURING FABRICATION AND CONSTRUCTION SHALL REMAIN WITH THE CONTRACTOR.

3. CORRECTIONS AND/OR COMMENTS MADE ON THE SHOP DRAWINGS DURING REVIEW DO NOT IMPLY THAT ALL ERRORS AND OMISSIONS HAVE BEEN CORRECTED, NOR DOES IT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE CONTRACT DOCUMENTS.

4. NO DETAILED CHECK OF QUANTITIES OR DIMENSIONS WILL BE MADE. ONLY THOSE SHOP DRAWINGS REQUIRED BY THE CONTRACT DOCUMENTS TO BE SUBMITTED WILL BE REVIEWED. ALL OTHERS WILL BE RETURNED WITHOUT COMMENT.

5. SHOP DRAWINGS WILL NOT BE REVIEWED UNLESS THEY ARE STAMPED "APPROVED" OR "APPROVED AS NOTED" BY THE GENERAL CONTRACTOR OR CONSTRUCTION MANAGER, WHICH EVER IS APPLICABLE.

6. THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY SPECIFIC DEVIATIONS TO THE CONTRACT DOCUMENTS AND OBTAIN ENGINEER'S WRITTEN APPROVAL BEFORE PROCEEDING.

7. IN ACCORDANCE WITH THE SPECIFICATIONS SUBMIT SHOP DRAWINGS CONSISTENT WITH THE FOLLOWING CRITERIA:

A. ALLOW ADEQUATE TIME FOR TRANSIT AND PROCESSING BEFORE FABRICATION.

B. SCHEDULE AND SUBMIT SHOP DRAWINGS FOR SPECIFIC COMPONENTS, SUCH AS COLUMNS, FOOTINGS, ETC., IN THEIR ENTIRETY. SHOP DRAWINGS FOR SIMILAR FLOORS SHALL BE SUBMITTED IN THE SAME PACKAGE.

C. SUBMIT SHOP DRAWINGS IN A TIMELY MANNER, CONSISTENT WITH THE ABOVE REQUIREMENTS.

8. ALL CHANGES AND ADDITIONS MADE ON RESUBMITTALS MUST BE CLEARLY FLAGGED AND NOTED. THE PURPOSE OF THE RESUBMITTALS MUST BE CLEARLY NOTED ON THE LETTER OF TRANSMITTAL. ARCHITECT / ENGINEER REVIEW WILL BE LIMITED TO THE ITEMS CAUSING THE RESUBMITTAL.

9. DO NOT REPRODUCE THE CONTRACT DOCUMENTS FOR USE AS SHOP DRAWINGS.

10. SHOP DRAWINGS NOT MEETING THE ABOVE CRITERIA OR SUBMITTED AFTER FABRICATION WILL NOT BE REVIEWED.

11. RESPONSIBILITIES OF DETAILERS AND FABRICATORS:

A. GENERAL- SUBMIT SHOP DRAWINGS AND ANY OTHER SPECIAL INFORMATION NECESSARY FOR PROPER FABRICATION, ERECTION, AND PLACEMENT OF STRUCTURAL FABRICATIONS. INCLUDE PLANS, ELEVATIONS, AND SECTIONS. CLEARLY SHOW ANCHORAGES, CONNECTIONS, AND ACCESSORY ITEMS. THE DETAILER MUST INTERPRET THE CONTRACT DOCUMENTS AND CLEARLY CONVEY THIS INTERPRETATION TO THE FIELD IN THE FORM OF PLACING OR ERECTION DRAWINGS.

B. CONCRETE REINFORCING DETAILER- PROVIDE PLACING DRAWINGS FOR FABRICATION AND PLACING OF REINFORCING STEAL. THESE DRAWINGS SHALL INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING: BAR LISTS, SCHEDULES, BENDING DETAILS, PLACING DETAILS, PLACING PLANS, AND PLACING ELEVATIONS.

C. CLEARLY SHOW ELEVATION, SECTIONS, AND DETAILS OF ALL BEAM TO COLUMN CONNECTIONS.

D. CLEARLY SHOW COLUMN ELEVATIONS AND SECTIONS. INDICATE DOWELS, OFFSETS, LAP SPLICES, AND TIES. PLAN SECTIONS OF ALL COLUMNS MUST CLEARLY BE SHOWN.

E. CLEARLY SHOW ELEVATIONS OF ALL BEARING AND SHEAR WALLS. INDICATE OPENINGS, DETAILS OF ALL REINFORCING WITH LOCATIONS OF SPLICES AND HOOKS, ALL CONTROL JOINTS, EXPANSION JOINTS, LINTELS, CONCRETE BOND BEAMS, AND PILASTERS. CLEARLY SHOW BEAM ELEVATIONS AND SECTIONS. INDICATE BAR LENGTHS, HOOKS, STIRRUP SPACING, LAP SPLICES, OFFSETS, AND LOCATION OF BARS WITH RESPECT TO ALL SUPPORTS.

F. CLEARLY SHOW FOUNDATION REINFORCING. INDICATE BAR LENGTHS, LOCATION AND SPLICES OF CONTINUOUS BARS, AND BAR SUPPORTS. CLEARLY SHOW LOCATIONS OF ALL DOWELS ON PLAN. INDICATE FOOTING STEP LOCATIONS AND PROVIDE DETAILS.

12. FOR ADDITIONAL CRITERIA APPLICABLE TO SHOP DRAWINGS REQUIRING ENGINEERING INPUT BY A SPECIALTY ENGINEER, REFER TO "SHOP DRAWING REQUIRING ENGINEERING INPUT BY SPECIALTY ENGINEER" GENERAL NOTE SECTION.

SHOP DRAWING REQUIRING ENGINEERING INPUT BY SPECIALTY ENGINEER

1. SPECIALTY ENGINEER:

A. DEFINITION - A REGISTERED PROFESSIONAL ENGINEER IN THE STATE THE PROJECT IS LOCATED WHO SPECIALIZES IN AND WHO UNDERTAKES THE DESIGN OF STRUCTURAL COMPONENTS OR STRUCTURAL SYSTEMS INCLUDED IN A SPECIFIC SUBMITTAL PREPARED FOR THIS PROJECT.

B. SHALL BE:
A. AN EMPLOYEE OR OFFICER OF A FABRICATOR.
B. AN EMPLOYEE OR OFFICER OF AN ENTITY SUPPLYING COMPONENTS TO A FABRICATOR.
C. AN INDEPENDENT CONSULTANT RETAINED BY THE FABRICATOR OR HIS SUPPLIER.

2. THE FOLLOWING SYSTEMS AND COMPONENTS AS A MINIMUM REQUIRE FABRICATION AND ERECTION DRAWINGS WITH INPUT BY A SPECIALTY ENGINEER, BUT ARE NOT LIMITED TO: TRUSSES, GIRDER TRUSSES, SPECIAL ENGINEERED WOOD, SHORING AND RESHORING, WINDOWS, STOREFRONT, CURTAIN WALL SYSTEMS, DOORS, ROOF SYSTEMS, PRE-ENGINEERED STAIRS, LOUVERS, SIDING AND ANY EXTERIOR ANCILLARY STRUCTURES.

3. THE SPECIALTY ENGINEER OR MANUFACTURER SHALL DESIGN, PROVIDE, AND INSTALL THEIR COMPONENTS AND THE COMPONENT CONNECTIONS TO THE PRIMARY STRUCTURE PER THE WIND CRITERIA STATED IN THESE NOTES OR THE CURRENT GOVERNING BUILDING CODES, WHICHEVER IS MORE STRINGENT.

4. SUBMITTALS SHALL CLEARLY IDENTIFY THE SPECIFIC PROJECT AND APPLICABLE CODES, LIST THE DESIGN CRITERIA, AND SHOW ALL DETAILS AND PLANS NECESSARY FOR PROPER FABRICATION AND INSTALLATION. CALCULATIONS AND SHOP DRAWINGS SHALL IDENTIFY SPECIFIC PRODUCT UTILIZED. GENERIC PRODUCTS WILL NOT BE ACCEPTED.

5. SHOP DRAWINGS AND CALCULATIONS MUST BE PREPARED UNDER THE DIRECT SUPERVISION AND CONTROL OF THE SPECIALTY ENGINEER.

6. SHOP DRAWINGS AND CALCULATIONS REQUIRE THE SEAL, DATE AND SIGNATURE OF THE SPECIALTY ENGINEER. COMPUTER PRINTOUTS ARE AN ACCEPTABLE SUBSTITUTE FOR MANUAL COMPUTATIONS PROVIDED THEY ARE ACCOMPANIED BY SUFFICIENT DESCRIPTIVE INFORMATION TO PERMIT THEIR PROPER EVALUATION. SUCH DESCRIPTIVE INFORMATION SHALL BEAR THE EMBOSSED SEAL AND SIGNATURE OF THE SPECIALTY ENGINEER AS AN INDICATION THAT HE HAS ACCEPTED RESPONSIBILITY FOR THE RESULTS. THE STRUCTURAL ENGINEER WILL RETAIN ONE SIGNED AND SEALED COPY FOR RECORD.

7. CATALOG INFORMATION ON STANDARD PRODUCTS DOES NOT REQUIRE THE SEAL OF A SPECIALTY ENGINEER.

8. REVIEW BY THE STRUCTURAL ENGINEER OF RECORD OF SUBMITTALS IS LIMITED TO VERIFYING THE FOLLOWING:
A. THAT THE SPECIFIED STRUCTURAL SUBMITTALS HAVE BEEN FURNISHED.
B. THAT THE STRUCTURAL SUBMITTALS HAVE BEEN SIGNED AND SEALED BY THE SPECIALTY ENGINEER.
C. THAT THE SPECIALTY ENGINEER HAS UNDERSTOOD THE DESIGN INTENT AND HAS USED THE SPECIFIED STRUCTURAL CRITERIA. (NO DETAILED CHECK OF CALCULATIONS WILL BE MADE.)
D. THAT THE CONFIGURATION SET FORTH IN THE STRUCTURAL SUBMITTALS IS CONSISTENT WITH THE CONTRACT DOCUMENTS. (NO DETAILED CHECK OF DIMENSIONS OR QUANTITIES WILL BE MADE.)

SOIL PREPARATION, SOIL COMPACTION, AND GEOTECHNICAL CONSIDERATIONS FOR FOOTING DESIGN

1. GEOTECHNICAL REPORT - GEOTECHNICAL ENGINEERING TESTING, INC. (GET) - REPORT DATE: 12/22/2023 REPORT NAME: SOILS EXPLORATIONS AND GEOTECHNICAL ENGINEERING STUDIES FOR BUILDING ADDITION AT MIMMS PARK, MOBILE ALABAMA.

2. BASIS OF DESIGN CONSIDERS 1500 PSF NET ALLOWABLE BEARING PRESSURE.

3. SOIL COMPACTION BENEATH THE SPREAD FOOTINGS SHALL BE 100% STANDARD PROCTOR. SOIL COMPACTION SHALL BE MONITORED BY A GEOTECHINCAL ENGINEER LICENSED IN THE STATE OF ALABAMA.

4. EXCAVATE EXISTING SOIL TO BOTTOM OF FOOTINGS. ALL DELETERIOUS MATERIAL MUST BE COMPLETELY REMOVED.

5. ALL EXISTING UTILITIES & ORGANICS (INCLUDING STUMPS AND ROOTS) SHALL BE COMPLETELY REMOVED PRIOR TO FILL OPERATIONS.

6. SOIL COMPACTION, FILL, AND ITS REPLACEMENT SHALL BE FIELD CONTROLLED BY THE TESTING AGENCY OR GEOTECHNICAL ENGINEER OF RECORD. THE TESTING AGENCY SHALL RANDOMLY SELECT ALL TEST LOCATIONS.

7. THE CONTRACTOR SHALL DETERMINE WHETHER DE-WATERING WILL BE REQUIRED BASED ON ACTUAL GROUND WATER CONDITIONS AT THE TIME OF CONSTRUCTION.

SLABS ON GRADE

1. GEOTECHNICAL REPORT - GEOTECHNICAL ENGINEERING TESTING, INC. (GET) - REPORT DATE: 12/22/2023 REPORT NAME: SOILS EXPLORATIONS AND GEOTECHNICAL ENGINEERING STUDIES FOR BUILDING ADDITION AT MIMMS PARK, MOBILE ALABAMA.

2. SOIL COMPACTION BENEATH THE SLABS ON GRADE SHALL BE 100% STANDARD PROCTOR. SOIL COMPACTION SHALL BE MONITORED BY A GEOTECHINCAL ENGINEER LICENSED IN THE STATE OF ALABAMA.

3. USE 15 MIL. POLYETHYLENE SHEETING BETWEEN SOIL AND CONCRETE SLAB, UNLESS OTHERWISE NOTED.

4. RECESS SLABS ON GRADE FOR FLOOR FINISHES PER ARCHITECTURAL DRAWINGS.

5. THE SLAB ON GRADE SHALL BE SUPPORTED BY STRUCTURAL FILL MATERIAL AND 4-INCHES OF FREE DRAINING GRANULAR SOILS OR GRAVEL MEETING ALDOT CRITERIA BENEATH THE POLYETHYLENE SHEETING FOR SUPPORT THE SLAB ON GRADE.

6. REFER TO PLAN FOR THICKNESS AND DIMENSIONS.

PLAIN AND REINFORCED CONCRETE

1. USE STRUCTURAL CONCRETE AND CONCRETING PRACTICES CONFORMING TO ACI-316 AND 301 AND PROPORTION CONCRETE IN ACCORDANCE WITH ACI-318 CH. 4 AND MEETING A MINIMUM. ULTIMATE COMPRESSIVE STRENGTH IN 28 DAYS AS FOLLOWS:

SLABS AND FOOTINGS 4000 PSI
ALL OTHER CONCRETE: 4000 PSI
PROVIDE CURRENT (MAXIMUM. 1 YEAR OLD) STATISTICAL DATA FOR EACH CONCRETE MIX DESIGN SUBMITTED.

2. WHERE CONCENTRATION OF REINFORCING STEEL HINDERS PROPER CONSOLIDATION OF CONCRETE USE CONCRETE CONTAINING A SUPERPLASTICIZING (N.R.W.R.) ADMIXTURE, ASTM C494 TYPE F. SLUMP AFTER ADDITION OF SUPERPLASTICIZER SHALL BE 7" ±1".

3. IF CONCRETE IS PUMPED, SLUMP MAY BE INCREASED TO 6" AT THE TRUCK. USE A MINIMUM 4-INCH PUMP, UNLESS PRE-APPROVED BY ENGINEER. TAKE CONCRETE SAMPLES FOR SLUMP AT TRUCK AND AT DISCHARGE END. TAKE CONCRETE SAMPLES FOR CYLINDER TESTING AT DISCHARGE END.

4. PROVIDE CONSTRUCTION JOINTS IN ACCORDANCE WITH ACI 318 CH. 6.4 AND SUBMIT SHOP DRAWINGS SHOWING LOCATIONS AND DIRECTION OF CONCRETE PLACEMENT FOR STRUCTURAL ENGINEER'S REVIEW. ROUGHEN JOINTS AND EXTEND ALL REINFORCEMENT THROUGH JOINT. PROVIDE CLASS B LAP SPLICE BEYOND JOINT. PROVIDE JOINTS IN MIDDLE THIRD OF ALL SLAB & BEAMS U.O.N.

7. PROVIDE REINFORCING STEEL ERECTOR WITH A SET OF STRUCTURAL PLANS FOR FIELD USE. INSPECT REINFORCING STEEL PLACING FROM STRUCTURAL PLANS.

8. USE ASTM A-615 GR. 60 FOR ALL REINFORCING STEEL, CONFORM TO ACI-301, ACI-315, ACI-318, AND CRSI "MANUAL OF STANDARD PRACTICE". ALL REINFORCING SHALL BE ACCURATELY PLACED, RIGIDLY SUPPORTED AND FIRMLY TIED IN PLACE WITH BAR SUPPORTS AND SPACERS IN ACCORDANCE WITH THE ABOVE REQUIREMENTS. PROVIDE CLASS 'B' LAP SPLICE FOR CONTINUOUS BARS, UNLESS OTHERWISE NOTED. LAP BOTTOM STEEL OVER SUPPORTS AND TOP STEEL AT MID SPAN UNLESS OTHERWISE SPECIFIED. HOOK DISCONTINUOUS ENDS OF ALL TOP BARS AND ALL BARS IN WALLS, UNLESS OTHERWISE NOTED.

9. PLACE REINFORCING STEEL SUCH THAT BARS ADJACENT TO CONCRETE SURFACES & COLD JOINTS MEET MINIMUM CLEAR COVER REQUIREMENTS, BUT DO NOT EXCEED THOSE REQUIREMENTS. USE THE FOLLOWING CLEAR COVER OVER REINFORCING:

	BOTTOM	TOP	SIDES
SLABS, FOOTINGS AND RETAINING WALLS	-	1 1/2"	1 1/2"
FOOTINGS	3"	2"	3"
PIERS	-	1 1/2"	1 1/2"

10. USE PLAIN, COLD-DRAWN ELECTRICALLY-WELDED STEEL WIRE FABRIC CONFORMING TO ASTM A-185. SUPPLY IN FLAT SHEETS ONLY. LAP SPLICES SHALL BE MEASURED BETWEEN OUTERMOST CROSS WIRES OF EACH FABRIC SHEET AND SHALL BE NOT LESS THAN TWICE THE SPACING OF THE CROSS WIRES PLUS TWO (2) INCHES.

11. SLEEVE ALL PIPES THROUGH SLABS INDIVIDUALLY, UNLESS APPROVED BY ENGINEER.

12. SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATING REINFORCING STEEL. DO NOT REPRODUCE THE STRUCTURAL DRAWINGS FOR USE AS SHOP DRAWINGS.

13. PROVIDE CLASS 'B' LAP SPLICE AT SUPPORTS AND HOOK DISCONTINUOUS ENDS AT THE FAR FACE OF SUPPORTS FOR ALL BEAMS, UNLESS OTHERWISE NOTED.

14. REINFORCING PLACED IN LOCATIONS WHERE PROPER COVER CANNOT BE ACHIEVED SHALL BE HOT DIPPED GALVANIZED ACCORDING TO ASTM A767 WITH 2 OUNCES OF ZINC COATING PER SQUARE FOOT OF SURFACE AREA MINIMUM.

15. ALL EXPOSED CONCRETE AND GROUT EDGES SHALL HAVE 3/4", 45° CHAMFER UNLESS OTHERWISE NOTED.

WOOD

1. DESIGN AND CONSTRUCT IN ACCORDANCE WITH THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION AND THE AMERICAN PLYWOOD ASSOCIATION.

2. WOOD SHALL BE PRESSURE TREATED NO. 1 SOUTHERN PINE OR BETTER MATCHING THE SIZES SHOWN ON THE PLANS, TYPICAL UNLESS OTHERWISE NOTED.

3. ALL 2x6 WOOD STUDS SHALL BE #1 SOUTHERN YELLOW PINE.

4. WALL TOP PLATE: DOUBLE 2X6 TOP PLATE AND A BEVELED 4x6 TOP PLATE CUT TO MATCH THE ROOF SLOPE. NAIL HEADER ASSEMBLY TOGETHER WITH (3) GALV. 20d NAILS @ 20" ON CENTER.

5. USE INTERNATIONAL BUILDING CODE APPROVED NAILING SCHEDULES WHERE NAILING INFORMATION IS NOT PROVIDED.

6. REFER TO STEEL FASTENERS/HARDWARE AND PRESERVATIVE TREATMENT NOTES FOR ADDITIONAL INFORMATION.

7. PLYWOOD WALL & ROOF SHEATHING SHALL BE APA STRUCTURAL 1 RATED SHEATHING EXTERIOR, MATCHING THE THICKNESS SHOWN ON THE PLANS.

8. LOW ROOF JOISTS SECTION CRITERIA SHALL MEET THE FOLLOWING:

A. MINIMUM TOTAL DEPTH: 11 7/8"
B. MINIMUM TOP AND BOTTOM FLANGE WIDTHS: 2"
C. MINIMUM WEB THICKNESS: 3/8"
D. MINIMUM FLANGE THICKNESS: 1.5"
E. MINIMUM LOAD CAPACITY: 134 PLF
F. MINIMUM DEFLECTION CRITERIA: L/240 <1.0"

9. UPPER ROOF JOISTS SECTION CRITERIA SHALL MEET THE FOLLOWING:
A. MINIMUM TOTAL DEPTH: 11 7/8"
B. MINIMUM TOP AND BOTTOM FLANGE WIDTHS: 1.75"
C. MINIMUM WEB THICKNESS: 3/8"
D. MINIMUM FLANGE THICKNESS: 1 1/8"
E. MINIMUM LOAD CAPACITY: 225 PLF
F. MINIMUM DEFLECTION CRITERIA: L/240 <0.5"

10. ALL LVL MEMBERS SECTION CRITERIA SHALL MEET THE FOLLOWING:

LOCATION	MEMBER DESIGNATION	MEMBER DEPTH	MIN. SHEAR CAPACITY	MIN. MOMENT CAPACITY	WT. PER FT	Ixx
A. WALLHEADERS	5 1/4" x 11 7/8"	11 7/8"	11,000 LB	31,000 LB*FT	18.1 PLF	732.6 IN^4
B. PORCH BEAMS	5 1/4" x 11 7/8"	11 7/8"	11,000 LB	31,000 LB*FT	18.1 PLF	732.6 IN^4
C. LOW ROOF	3 1/2" x 11 7/8"	11 7/8"	7,000 LB	21,000 LB*FT	12.1 PLF	488.4 IN^4
D. UPPER ROOF	3 1/2" x 11 7/8"	11 7/8"	7,000 LB	21,000 LB*FT	12.1 PLF	488.4 IN^4

PRESERVATIVE TREATMENT

1. TO THE EXTENT POSSIBLE , ALL WOOD SHALL BE CUT, DRILLED, AND COMPLETELY FABRICATED PRIOR TO PRESSURE TREATMENT. WHEN FIELD FABRICATION OF WOOD IS REQUIRED OR IF WOOD IS DAMAGED, ALL CUTS, BORE HOLES, AND DAMAGE SHALL BE IMMEDIATELY FIELD TREATED WITH WOOD PRESERVATIVE IN ACCORDANCE WITH AWPA STANDARDS.

2. ALL LUMBER SHALL BE TREATED IN ACCORDANCE WITH THE REQUIREMENT OF AWPA STANDARDS AND ASTM D1760.

3. TREATED MATERIAL SHALL BE FREE OF EXCESS PRESERVATIVE ON THE WOOD SURFACE. THE TREATING PROCESS SHALL INCLUDE AN EXPANSION BATH, STEAMING AND/OR DRIPPING TO ENSURE THAT PRESERVATIVE WILL NOT BLEED.

4. TREATED WOOD SHALL BE INSPECTED AND CERTIFIED IN ACCORDANCE WITH AWPA STANDARDS.

5. WOOD ATTACHED DIRECTLY TO CONCRETE OR MASONRY OR EXPOSED TO THE WEATHER SHALL BE PRESSURE TREATED WITH ALKALINE COPPER QUAT - TYPE C (ACQ-C) AT THE RATE OF 0.60 LBS/ CU FT.

△2 ADDENDUM 4 | 11/7/2024

MOTT MACDONALD
107 St. Francis Street
Suite 2900,
Mobile, Alabama 36602
Telephone: (251) 343-4366
Fax: (251) 343-6902
Architects
Engineers
Surveyors

CHRISTIANPREUS Landscape Architecture
855 539 5006
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ARCHITECTURAL DRAWINGS FOR:
CITY OF MOBILE- MIMMS PARK
Mobile, AL 36693

SCALE 12" = 1'-0"

ISSUED FOR PERMIT

DATE: May 5, 2024

ALABAMA LICENSED
No. 28305 PROFESSIONAL
04-24-2024
CHAD EDWARD LYNER ENGINEER

S0.1

STEEL FASTENERS AND HARDWARE

1. FASTENERS IN CONTACT WITH ACQ TREATED LUMBER SHALL EITHER BE TYPE 316 STAINLESS STEEL OR SHALL BE HOT DIPPED GALVANIZED ACCORDING TO ASTM A153 WITH 2 OUNCES OF ZINC COATING PER SQUARE FOOT MINIMUM, AND SEPARATED WITH A WATERPROOF MEMBRANE.
2. FASTENERS AND CONNECTORS USED TOGETHER SHOULD BE OF THE SAME TYPE. DO NOT MIX HOT-DIPPED GALVANIZED ITEMS WITH STAINLESS STEEL.
3. ALL INDOOR VISUALLY EXPOSED CONNECTORS AND FASTENERS SHALL BE 316 STAINLESS STEEL.
4. ALL STEEL PLATES AND SHAPES SHALL COMPLY WITH THE REQUIREMENTS OF 316 STAINLESS STEEL.
5. BOLTS AND LAG SCREWS SHALL COMPLY WITH THE REQUIREMENTS OF 316 STAINLESS STEEL, AND SHALL PREFERABLY BE DOME HEAD TIMBER BOLTS.
6. WASHERS & NUTS SHALL BE PROVIDED UNDER BOLT AND LAG SCREW HEADS AND NUTS THAT ARE IN CONTACT WITH WOOD AND SHALL BE HOT DIPPED GALVANIZED OR 316 STAINLESS STEEL. WASHERS MAY BE OMITTED UNDER HEADS OF SPECIAL TIMBER BOLTS OR DOME HEAD BOLTS WHEN THE SIZE AND STRENGTH OF THE HEAD IS SUFFICIENT TO DEVELOP CONNECTION STRENGTH WITHOUT WOOD CRUSHING.
7. ALL SIMPSON CONNECTORS SHALL BE GALVANIZED.
8. CONNECTORS SHALL BE SIMPSON OR ENGINEERED APPROVED EQUAL. CONNECTORS CALLED OUT ON PLANS ARE SIMPSON MODEL NUMBERS. INSTALL CONNECTORS ACCORDING TO THE MANUFACTURER'S WRITTEN INSTRUCTIONS USING THE MAXIMUM NUMBER OF CONNECTORS, UNLESS OTHERWISE NOTED.
9. ALL NAILS, BOLTS, AND CONNECTORS EXPOSED TO THE WEATHER OR IN CONTACT WITH TREATED LUMBER SHALL BE GALVANIZED OR STAINLESS STEEL. USE STANDARD CODE APPROVED NAILING SCHEDULES WHERE NAILING INFORMATION IS NOT PROVIDED. EXTERIOR NAILS PLACED IN TREATED LUMBER SHALL BE RING, SHANKED.
   A. TYPE 316 STAINLESS STEEL SHALL BE USED FOR ALL FASTENERS AND CONNECTORS EXPOSED TO OCEAN SALT AIR.
   B. FASTENERS IN CONTACT WITH ACQ TREATED LUMBER AND NOT EXPOSED TO OCEAN SALT AIR SHALL EITHER TYPE 316 STAINLESS STEEL OR SHALL BE HOT-DIP GALVANIZED ACCORDING TO ASTM A153 WITH 2 OUNCES OF ZINC COATING PER SQUARE FOOT MINIMUM.
   C. CONNECTORS IN CONTACT WITH ACQ TREATED LUMBER AND NOT EXPOSED TO OCEAN SALT AIR SHALL EITHER TYPE 316 STAINLESS STEEL OR SHALL BE HOT-DIP GALVANIZED ACCORDING TO ASTM A653. CLASS G185 SHEET WITH 1.85 OUNCES OF ZINC COATING PER SQUARE FOOT MINIMUM. GALVANIZED CONNECTORS SHALL BE SEPARATED FROM ACQ TREATED LUMBER USING A PHYSICAL SPACER/BARRIER MATERIAL SUCH AS GRACE VYCOR DECK PROTECTOR OR BY GIVING THE CONTACT SURFACE A HEAVY COAT OF ALKALI RESISTANT BITUMINOUS PAINT.
   D. FASTENERS AND CONNECTERS USED TOGETHER SHOULD BE OF THE SAME TYPE; DO NOT MIX HOT-DIP GALVANIZED ITEMS WITH STAINLESS STEEL.
   E. ALUMINUM PRODUCTS SHALL BE SEPARATED FROM WOOD, INCLUDING ACT TREATED LUMBER, USING A PHYSICAL SPACER/BARRIER MATERIAL SUCH AS GRACE VYCOR DECK PROTECTOR OR BY GIVING THE CONTACT SURFACE A HEAVY COAT OF ALKALI RESISTANT BITUMINOUS PAINT.
   F. STAINLESS STEEL FASTENERS AND CONNECTORS IN CONTACT WITH ALUMINUM IN THE PRESENCE OF OCEAN SALT AIR SHALL BE PAINTED PRIOR TO INSTALLATION, COAT ALUMINUM WITH CHROMATE CONVERSION COATING OR SEPERATE STAINLESS WASHERS FROM ALUMINUM WITHA NEOPRENE WASHER.

ANCHORS & POST INSTALLED REINFORCING

1. SUBSTITUTION OF ANCHORS SPECIFIED BELOW FOR CAST-IN-PLACE EMBEDDED ANCHORS SHALL BE PROHIBITED WITHOUT PRIOR WRITTEN APPROVAL FROM TEH ENGINEER OF RECORD.
2. ALLOWABLE WORKING LOADS SHALL NOT EXCEED MANUFACTURER'S RECOMMENDATIONS, BUT NOT MORE THAN ACCEPTED BY APPROVING AGENCY. NO INCREASE FOR WIND OR SEISMIC LOADS IS PERMITTED.
3. PROVIDE A MINIMUM OF TWO FASTENERS PER CONNECTION.
4. INSTALL AND MAINTAIN A MINIMUM EMBEDMENT IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS, OR AS SPECIFIED ON DRAWINGS, WHICHEVER IS GREATER, BUT WITH AN EMBEDMENT OF NOT LESS THAN 6 BOLT DIAMETERS.
5. UNLESS NOTED, ANCHOR SPACING AND ANCHOR EDGE DISTANCE SHALL BE ACCORDING TO THE MANUFACTURER'S MOST CURRENT PUBLICATION IN ORDER TO DEVELOP MAXIMUM WORKING LOADS.
6. DO NOT EXCEED MANUFACTURER'S MAXIMUM RECOMMENDED TIGHTENING TORQUE.
7. ALL ANCHORS SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS AND UNDER MANUFACTURER CERTIFIED SUPERVISION IN ORDER TO DEVELOP THE MOST CURRENT PUBLISHED WORKING LOADS.
8. EXPANSION ANCHORS: USE 316 STAINLESS STEEL WEDGE-TYPE EXPANSION ANCHORS SUCH AS HILTI KWIK BOLT II OR ENGINEERED APPROVED EQUIVALENT.
9. ALL DRILLED AND EPOXIED ANCHORS, THREADED RODS OR BOLTS SHALL BE 316 STAINLESS STEEL.
10. ADHESIVE ANCHORING SYSTEMS FOR 316 STAINLESS STEEL ANCHORS, THREADED RODS OR BOLTS:
    A. USE AN EPOXY OR POLYESTER RESIN ADHESIVE SUCH AS HILTI RE 500, SIMPSON SET OR ACCEPTED ALTERNATE.
    B. DIAMETER OF HOLE SHALL BE AS RECOMMENDED BY MANUFACTURE FOR THE PARTICULAR PRODUCT SPECIFIED IN THE DRAWINGS.
    C. ALL EPOXIED ANCHORING SHALL BE OBSERVED BY A MANUFACTURER'S AUTHORIZED REPRESENTATIVE OR SHALL BE TESTED AFTER INSTALLATION AT CONTRACTOR'S EXPENSE. A MINIMUM OF 10% OF EACH DAY'S APPLICATIONS AND NO LESS THAN 2 SHALL BE TESTED BY THE FOLLOWING:
       1. REINFORCING STEEL: APPLY A TENSION LOAD OF 3000 lb TO THE EMBEDDED ANCHOR
       2. THREADED RODS AND BOLTS: APPLY 50% OF MAXIMUM ALLOWABLE TORQUE AS RECOMMENDED BY MANUFACTURER

       IF A TEST APPLICATION FAILS, ALL APPLICATIONS FOR THAT DAY SHALL BE TESTED. TESTING PROCEDURES AND RESULTS SHALL BE SUBMITTED AND APPROVED BY ENGINEER.
10. POWDER ACTUATED FASTENERS: USE POWDER ACTUATED FASTENING SYSTEMS SUCH AS HILTI, RED HEAD, RAMSET, OR AN ACCEPTED ALTERNATE HAVING ICBO, OR SBCCI APPROVAL. INSTALL IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, BUT NOT LESS THAN 1 1/8" INCHES IN CONCRETE, UNLESS OTHERWISE NOTED.
11. ANCHOR INSTALLATION SHALL ENSURE RECOMMENDED MANUFACTURER LOADS CAN BE ACHIEVED.

CONCRETE MASONRY UNITS:

1. ALL MASONRY DESIGN SHALL CONFORM TO TMS 402/602.
2. REINFORCED MASONRY WALL DESIGN IS BASED ON INSPECTED MASONRY AS REQUIRED BY TMS 402/602 SPECIFICATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A QUALITY CONTROL AND INSPECTION PROGRAM TO INSURE THAT ALL MASONRY WALL CONSTRUCTION IS IN COMPLIANCE WITH THE CONTRACT DOCUMENTS. REFER TO SPECIFICATION FOR THE MINIMUM REQUIREMENTS FOR THIS PROGRAM.
3. ALL MASONRY CONSTRUCTION AND MATERIALS SHALL CONFORM TO ALL REQUIREMENTS OF "BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES (TMS 402/602)" PUBLISHED BY THE MASONRY SOCIETY, EXCEPT AS MODIFIED BY THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
4. CONSTRUCT REINFORCED AND UNREINFORCED MASONRY AS NOTED ON THE PLANS AND DETAILS AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "SPECIFICATION FOR MASONRY STRUCTURES".
5. USE CONCRETE MASONRY UNITS CONFORMING TO ASTM C90. PROVIDE F'M OF 2000 PSI (UNIT STRENGTH 2000 PSI) FOR ALL REINFORCED MASONRY WALLS. PERFORM COMPRESSIVE STRENGTH COMPLIANCE BY PRISM TEST METHOD. USE ONLY MASONRY UNITS THAT ARE A MIN. OF 50% SOLID. REFER TO THE SPECIFICATIONS FOR TESTING FREQUENCIES.
6. USE TYPE "S" MORTAR IN ACCORDANCE WITH ASTM C270. USE FULL-BEDDED JOINTS FOR ALL MASONRY UNITS. REMOVE MORTAR PROTRUDING INTO CELL CAVITIES THAT ARE TO BE REINFORCED AND GROUTED. ALLOW A MIN. OF 24 HOURS FOR MORTAR TO CURE BEFORE PLACING GROUT. REFER TO THE SPECIFICATIONS FOR TESTING REQUIREMENTS.
7. USE ALL GROUT CONFIRMING TO ASTM C-476 WITH A MIN. COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS, TESTED IN ACCORDANCE WITH ASTM C1019. AGGREGATE TO CONFORM TO ASTM C404 FOR COARSE GROUT AND SLUMP OF 8" TO 11". TEST SAMPLES FOR COMPRESSIVE STRENGTH. REFER TO THE SPECIFICATION FOR TESTING REQUIREMENTS.
8. REFER TO THE MASONRY DETAILS FOR REINFORCING REQUIREMENTS.
9. FOR UNREINFORCED WALLS USE STANDARD TRUSS-TYPE MASONRY HORIZONTAL REINFORCING IN EVERY OTHER COURSE OF MASONRY.
10. USE ASTM A-615 GRADE 60 REINFORCING STEEL.
11. IN HIGH-LIFT GROUTING USE A MAX. LIFT OF 5'-4" WITH MIN. HALF HOUR MAX. ONE HOUR BETWEEN LIFTS. VIBRATE EACH LIFT AND RECONSOLIDATE PREVIOUS LIFT AFTER PLACING NEXT LIFT.
12. WHERE ANCHOR BOLTS ARE SET IN MASONRY WALL, FILL BLOCK CELLS WITH GROUT FOR BOLTED COURSE, ONE COURSE ABOVE AND TWO COURSES BELOW ANCHOR ELEVATION.
13. USE PRESSURE-TREATED WOOD FOR ALL WOOD IN CONTACT WITH MASONRY.
14. UNLESS OTHERWISE NOTED, PROVIDE LINTELS OR HEADERS OVER ALL MASONRY OPENINGS NOT FLUSH WITH STRUCTURAL FRAME. LINTELS OR HEADERS TO BEAR MINIMUM 16 INCHES EACH SIDE OF OPENING. REFER TO TYPICAL DETAILS.
15. FOR WALLS REQUIRING A FIRE RESISTANCE RATING, PROVIDE TO THE ARCHITECT, A CERTIFICATION INDICATING THAT THE MANUFACTURER OF THE CONCRETE MASONRY UNITS HAS COMPLIED WITH ALL THE REQUIREMENTS OF THE UL LISTINGS AS SPECIFIED ON THE ARCHITECTURAL DRAWINGS.
16. COORDINATE WITH THE ARCH DRAWINGS FOR MASONRY LAYOUT & LOCATIONS OF OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS.

STATEMENT OF SPECIAL INSPECTIONS

SPECIAL INSPECTIONS:

1. SPECIAL INSPECTIONS ARE REQUIRED IN ACCORDANCE WITH 2018 INTERNATIONAL BUILDING CODE, CHAPTER 17.
2. THE OWNER SHALL SELECT AND PAY ALL COSTS OF EMPLOYING A SPECIAL INSPECTOR, BUT THE SPECIAL INSPECTOR SHALL BE RESPONSIBLE TO THE ENFORCING AGENCY.
3. THE CONTRACTOR'S CONTRACTUAL OR STATUTORY OBLIGATIONS ARE NOT RELIEVED BY ANY ACTION OF THE SPECIAL INSPECTOR.
4. SPECIAL INSPECTION FOR WIND: REQUIRED
5. SPECIAL INSPECTIONS FOR SEISMIC: NOT REQUIRED

CONCRETE CONSTRUCTION:

1. PERIODIC SPECIAL INSPECTION SHALL BE PERFORMED ON THE FOLLOWING:
   A. REINFORCING STEEL SIZE, SPACING AND PLACEMENT
   B. ANCHOR BOLTS SIZE, SPACING, AND EMBEDMENT.
   C. POST INSTALLED ANCHORS SIZE, SPACING, EMBEDMENT, AND PROPER INSTALLATION TECHNIQUES.
   D. VERIFY CONCRETE TRUCK TICKETS ARE PROVIDING APPROVED MIX DESIGN.
2. CONTINUOUS SPECIAL INSPECTIONS SHALL BE PERFORMED ON THE FOLLOWING:
   A. CONCRETE SLUMP, AIR CONTENT, AND TEMPERATURE, AND TEST CYLINDER ACCORDING TO CONTRACT DOCUMENTS AND APPROVED MIX DESIGN.
   B. CONCRETE PLACEMENT FOR PROPER TECHNIQUE.

WOOD CONSTRUCTION:

1. SPECIAL INSPECTIONS OF PREFABRICATED WOOD STRUCTURAL ELEMENTS AND ASSEMBLIES SHALL BE IN ACCORDANCE WITH SECTION 1704.2.5.

PRE-CONSTRUCTION TESTS:

1. REFER TO THE TECHNICAL SPECIFICATIONS FOR REQUIRED MATERIAL AND ASSEMBLY TESTS FOR THIS PROJECT.

STRUCTURAL OBSERVATIONS:

1. THE OWNER SHALL EMPLOY A REGISTERED DESIGN PROFESSIONAL LICENSED IN THE STATE THE PROJECT IS LOCATED TO VISUALLY OBSERVE THE STRUCTURAL SYSTEM FOR GENERAL CONFORMANCE TO THE APPROVED CONSTRUCTION DOCUMENTS.
2. STRUCTURAL OBSERVATIONS DOES NOT REPLACE THE TESTING AND INSPECTION REQUIREMENTS OF THE CONTRACT DOCUMENTS.
3. PRIOR TO COMMENCEMENT OF OBSERVATIONS, THE STRUCTURAL OBSERVER SHALL SUBMIT TO THE BUILDING OFFICIAL A WRITTEN STATEMENT IDENTIFYING HIS/HER QUALIFICATIONS ALONG WITH IDENTIFYING THE FREQUENCY AND EXTENT OF STRUCTURAL OBSERVATIONS.
4. AT THE CONCLUSION OF THE WORK INCLUDED IN THE PERMIT, THE STRUCTURAL OBSERVER SHALL SUBMIT TO THE BUILDING OFFICIAL A WRITTEN STATEMENT THAT THE SITE VISITS HAVE BEEN MADE AND IDENTIFY AND REPORTED DEFICIENCIES WHICH, TO THE BEST OF THE STRUCTURAL OBSERVER'S KNOWLEDGE, HAVE NOT BEEN RESOLVED.

MOTT MACDONALD
107 St. Francis Street
Suite 2900,
Mobile, Alabama 36602
Telephone: (251) 343-4366
Fax: (251) 343-6902
Architects
Engineers
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MISCELLANEOUS STEEL:

1. FOR MISCELLANEOUS STEEL NOT SHOWN ON STRUCTURAL DRAWINGS, REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS.
2. EDGE ANGLES, CLIP ANGLES, PLATES, BARS AND OTHER MISCELLANEOUS ROLLED SHAPES SHALL BE 316 STAINLESS STEEL, UNLESS OTHERWISE NOTED.

TEMPORARY BRACING:

1. THE CONTRACTOR SHALL PROVIDE TEMPORARY BRACING AS REQUIRED DURING CONSTRUCTION.
2. THE CONTRACTOR SHALL RETAIN AT THE CONTRACTOR'S EXPENSE A REGISTERED STRUCTURAL ENGINEER LICENSED IN THE STATE OF THE PROJECT TO DESIGN AND INSPECT ALL TEMPORARY SHORING AND BRACING. SIGNED, SEALED AND DATED DESIGN CALCULATIONS SHALL BE SUBMITTED FOR REVIEW WHEN REQUESTED.

STANDARD STRUCTURAL ABBREVIATIONS

AB	ANCHOR BOLT	EJ	EXPANSION JOINT	OF	OUTSIDE FACE
ABBREV	ABBREVIATION	EXIST	EXISTING	OPNG	OPENING
ADD	ADDITIVE	EXP	EXPANSION	PLY	PLYWOOD
ADD'L	ADDITIONAL	EXT	EXTERIOR	PC	PRECAST
ALT	ALTERNATE/ALTERNATIVE	FD	FLOOR DRAIN	PREFAB	PREFABRICATED
ALUM	ALUMINUM	FDN	FOUNDATION	PROJ	PROJECTION
ACI	AMERICAN CONCRETE INSTITUTE	FF	FINISH FLOOR	REF	REFERENCE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	FIN FL	FINISH FLOOR	REINF	REINFORCING
		FS	FAR SIDE	REQ'D	REQUIRED
AISI	AMERICAN IRON AND STEEL INSTITUTE	FTG	FOOTING	RW	RETAINING WALL
ASTM	AMERICAN SOCIETY OF TESTING MATERIALS	GA	GAGE/GAUGE	REV	REVISION
		GALV	GALVANIZE	SCHED	SCHEDULE
AWS	AMERICAN WELDING SOCIETY	HORIZ	HORIZONTAL	SP, SP'S	SPACE/SPACES
ARCH	ARCHITECTURAL	HP	HIGH POINT	SPECS	SPECIFICATIONS
BM	BEAM	HT	HEIGHT	SLV	SHORT LEG VERTICAL
BRG	BEARING	ID	INSIDE DIAMETER	SIM	SIMILAR
BLK	BLOCK	IF	INSIDE FACE	STD	STANDARD
B/	BOTTOM OF	JT	JOINT	STIFF	STIFFENER
BLDG	BUILDING	JST	JOIST	STRUCT	STRUCTURAL
BTWN	BETWEEN	KWY	KEYWAY	SYM	SYMMETRICAL
BOT	BOTTOM	LBS	POUNDS	THD	THREAD/THREADED
CIP	CAST IN PLACE	LDG	LANDING	THK	THICK
C TO C	CENTER TO CENTER	LT WT	LIGHT WEIGHT	T/	TOP OF
CLR	CLEAR/CLEARANCE	LLH	LONG LEG HORIZONTAL	TD	TURN DOWN SLAB
COL	COLUMN	LLV	LONG LEG VERTICAL	T&B	TOP AND BOTTOM
CONC	CONCRETE	LP	LOW POINT	TS	THICKENED SLAB
CMU	CONCRETE MASONRY UNIT	MAX	MAXIMUM	TYP	TYPICAL
CONT	CONTINUOUS	MID	MIDDLE	TS	TUBE STEEL
CONN	CONNECTION	MANUF	MANUFACTURER	UON	UNLESS OTHERWISE NOTED
CJ	CONSTRUCTION JOINT	MIN	MINIMUM	VERT	VERTICAL
DET	DETAIL	MATL	MATERIAL	VIF	VERIFY IN FIELD
DIM	DIMENSION	MECH	MECHANICAL	WWF	WELDED WIRE FABRIC
DWG	DRAWING	MISC	MISCELLANEOUS	W	WIDE FLANGE
EA	EACH	MPH	MILES PER HOUR	w/	WITH
EF	EACH FACE	MTL	METAL	w/o	WITHOUT
ES	EACH SIDE	NS	NEAR SIDE	WP	WORK POINT
EW	EACH WAY	NIC	NOT IN CONTACT	@	AT
ELEC	ELECTRICAL	NTS	NOT TO SCALE	C	CHANNEL
ENGR	ENGINEER	NO., #	NUMBER	K	KIP (1,000 LBS)
EQ SP	EQUAL SPACED	OC	ON CENTER	Sx	SECTION MODULUS
EL:	ELEVATION	OD	OUTSIDE DIAMETER		

2 ADDENDUM 4 | 11/7/2024

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ARCHITECTURAL DRAWINGS FOR:
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Mobile, AL 36693

SCALE 12" = 1'-0"

ALABAMA LICENSED No. 28305 PROFESSIONAL 04-24-2024 ENGINEER CHAD EDWARD TYNER

ISSUED FOR PERMIT

DATE: May 5, 2024

S0.2

MOTT MACDONALD
107 St. Francis Street
Suite 2900,
Mobile, Alabama 36602
Telephone: (251) 343-4366
Fax: (251) 343-6902
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Engineers
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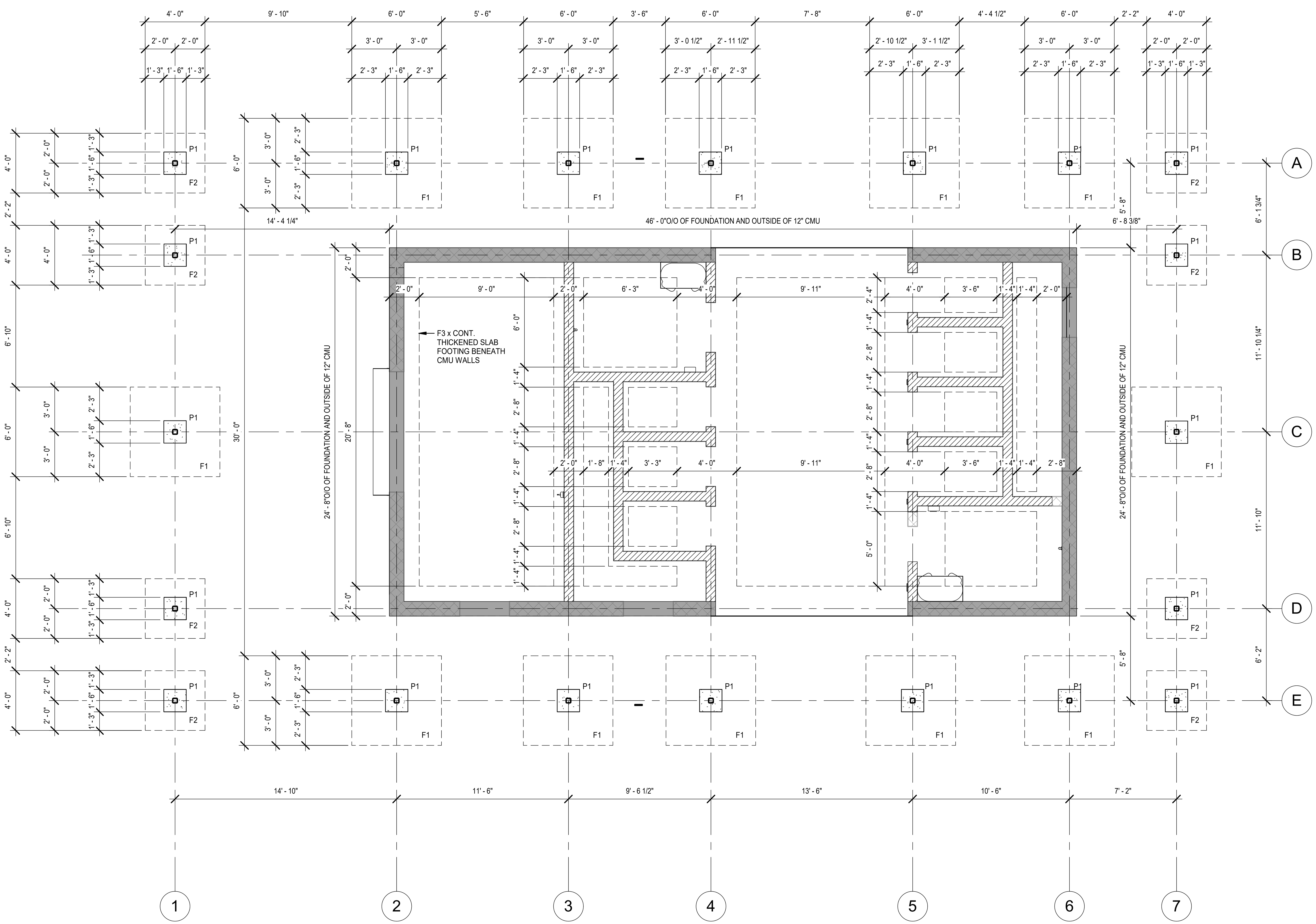

FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

TRUE NORTH
PROJECT NORTH

4' 2' 0' 4' 8'

FOOTING SCHEDULE

MARK	SIZE SHORT x LONG x THICKNESS	TOP		BOTTOM		REMARKS
		SHORT	LONG	SHORT	LONG	
F1	6'-0" x 6'-0" x 1'-6"	(7)#6	(7)#6	(7)#6	(7)#6	
F2	4'-0" x 4'-0" x 1'-6"	(5)#6	(5)#6	(5)#6	(5)#6	
F3	STRIP FTG-CONTx 2'-0" DEEP x WIDTH VARIES	#4@12" O.C.	(4)#4	#4@12" O.C.	(4)#4	

PIER SCHEDULE

MARK	SIZE SHORT x LONG x THICKNESS	LONG	TIES T&B	INTERMEDIATE TIES
			#4 TIES	#4 TIES
P1	1'-6"x1'-6"x1'-6"	(10)#7 EQ. SPACED AROUND PERIMETER	3 TIES @ 2" O.C. @ T&B	3 TIES EQUALLY SPACED

FOUNDATION NOTES:

1. REFER TO GENERAL NOTES FOR NGVD REFERENCE ELEVATION FOR STRUCTURAL PLANS.
2. TOP OF SLAB ELEVATION: 0'-0" UON
3. TOP OF FOUNDATION ELEVATION: -3'-0" UON.
4. TOP OF PIER ELEVATION: -1'-0" UON.
5. ALL COLUMNS AND PIERS ARE CENTERED ON THE THE COLUMN GRID UON.
6. ALL COLUMN AND PIERS ARE CENTERED ON THE FOUNDATIONS UON.
7. ALL WALLS SHALL BE CENTERED ON THE STRIP FOOTINGS UON.
8. START AND END REINF WITH CLEAR COVER NOT TO EXCEED MIN. ALLOWED COVER ON ALL SIDES OF THE FOOTING. REMAINDER OF REINF SHALL BE PLACED WITH NO BAR SPACING EXCEEDING SPACING SHOWN IN THE SCHEDULE.
9. LONG REINF REFERS TO THE LONGER LENGTH BARS PLACED ACROSS THE SHORT SIDE.
10. SHORT REINF REFERS TO THE SHORTER LENGTH BARS PLACED ACROSS THE LONG SIDE.
11. FOOTING SIZE SHOWN IS A MAX OUTSIDE DIMENSIONS AND THICKNESS. REFER TO PLAN FOR ACTUAL SHAPE AND ORIENTATION.

LEGEND

- DENOTES CMU WALL - 8" UON (T/WALL CMU WALL EL: 10'-0" (TYP))
- DENOTES CMU WALL - 12" UON (T/WALL CMU WALL VARIES BETWEEN 14'-10" LOW END AND 20'-0" HIGH END(TYP))
- F# — INDICATES FOUNDATION TYPE REFER TO FOOTING SCHEDULE
- P# — INDICATES PIER TYPE REFER TO PIER SCHEDULE
- EL: X'-XX" — INDICATES TOP OF FOOTING REFERENCE ELEVATION REFER TO GENERAL NOTES
- FD — FLOOR DRAIN TOP OF FLOOR DRAIN ELEVATION: -0'-1/2"
- FLOOR SLOPE TOWARD THE FLOOR DRAIN
- TD — TURNDOWN, REFER TO SHEET S3.1 FOR TURNDOWN DETAILS
- SCJ — SAW CUT JOINT, REFER TO SHEET S3.1 FOR SAW CUT DETAILS
- HSS 4x4x3/8" COLUMNS

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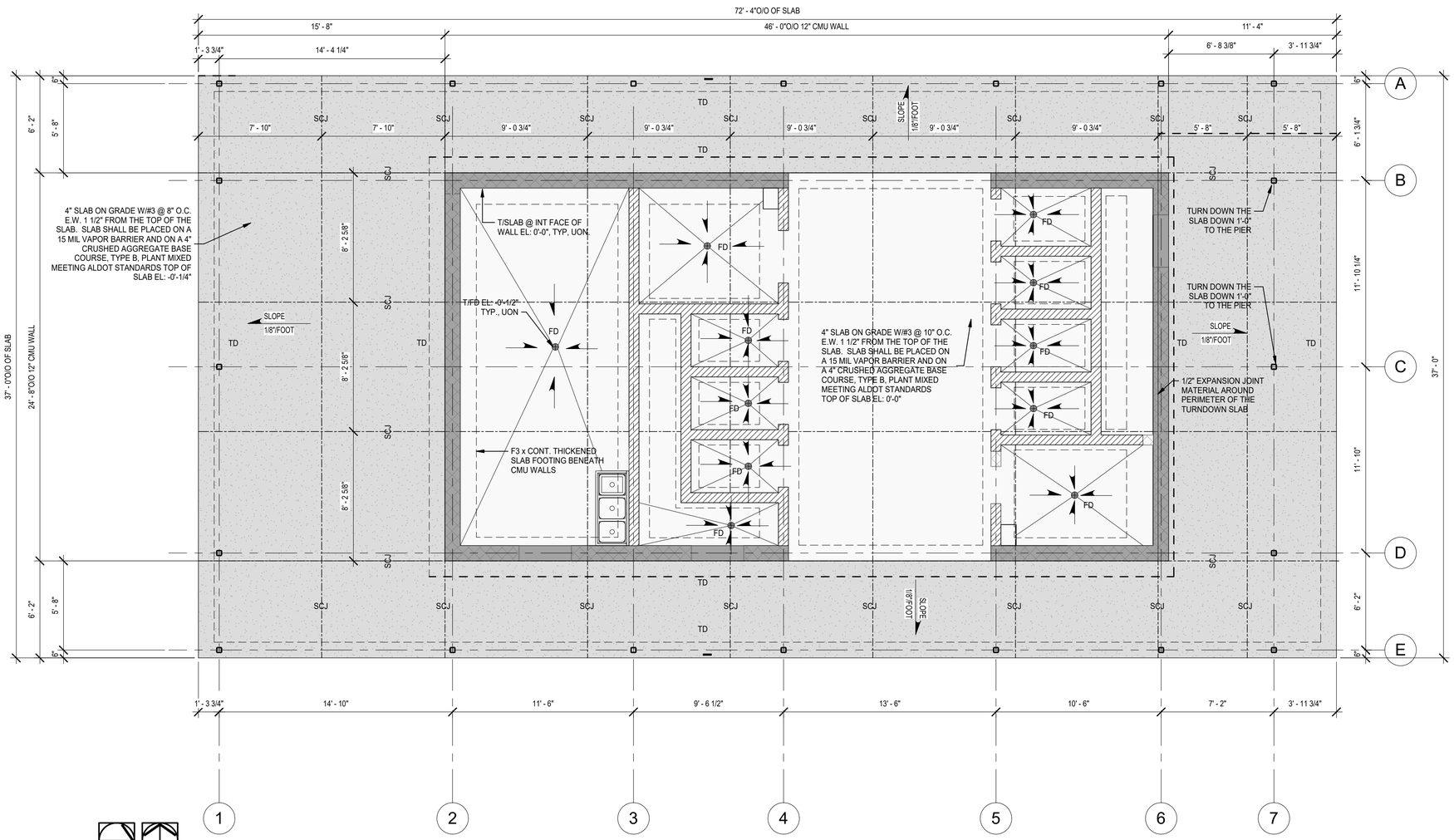
ALABAMA LICENSED No. 28305 PROFESSIONAL ENGINEER 04-24-2024 CHAD EDWARD LYNER



TRUE NORTH

PROJECT NORTH

SLAB ON GRADE PLAN

SCALE: 1/4" = 1'-0"

4' 2' 0' 4' 8'

SLAB ON GRADE NOTES:

1. REFER TO GENERAL NOTES SHEET FOR ADDITIONAL CONCRETE AND SLAB ON GRADE NOTES.

2. SLAB ON GRADE SHALL BE MINIMUM 4" THICK CONCRETE PLACED ON 15 MIL MINIMUM VAPOR BARRIER ON COMPACTED FILL. REINFORCE SLAB ON GRADE WITH #3 @ 8" ON CENTER EACH WAY. REFER TO TYPICAL DETAILS FOR ADDITIONAL REINFORCEMENT AND REQUIREMENTS. USE CHAIRS TO POSITION REINFORCING 1" BELOW TOP OF SLAB, UNLESS OTHERWISE INDICATED, AND TO MAINTAIN THAT DEPTH DURING CONCRETE PLACEMENT.

3. TOP OF SLAB ELEVATION = 0'-0" (97.00'), UNLESS OTHERWISE NOTED. REFER TO GENERAL NOTES FOR NGVD REFERENCE ELEVATION.

4. COORDINATE ALL SLAB PENETRATION SIZES AND LOCATIONS WITH ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS.

5. CONTRACTOR SHALL SUBMIT CONTROL / CONSTRUCTION JOINT LOCATION PLAN TO EOR FOR REVIEW PRIOR TO PLACING. REFER TO S3.1.

6. REFER TO S3.1 FOR TYPICAL SLAB ON GRADE DETAILS.

7. "+-" INDICATES THICKNESS OF CONC ABOVE T/SLAB.

8. COORDINATE RECESSED SLAB LOCATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.

9. SLOPE TOP OF SLAB TO FLOOR DRAINS.

LEGEND

- EXTERIOR 4" SLAB (TOP OF SLAB EL: -0'-1/4")
- INTERIOR 4" SLAB AND STRIP FOUNDATION SYSTEM (TOP OF SLAB EL: 0'-0")
- DENOTES CMU WALL - 8" UON (T/WALL CMU WALL EL: 10'-0" (TYP))
- DENOTES CMU WALL - 12" UON (T/WALL CMU WALL EL: 10'-0" (TYP))
- F# — INDICATES FOUNDATION TYPE REFER TO FOOTING SCHEDULE
- P# — INDICATES PIER TYPE REFER TO PIER SCHEDULE
- EL: X'-XX" — INDICATES TOP OF FOOTING REFERENCE ELEVATION REFER TO GENERAL NOTES
- FD — FLOOR DRAIN TOP OF FLOOR DRAIN ELEVATION: -0'-1/2"
- FLOOR SLOPE TOWARD THE FLOOR DRAIN
- TD — TURNDOWN, REFER TO SHEET S3.1 FOR TURNDOWN DETAILS
- SCJ — SAW CUT JOINT, REFER TO SHEET S3.1 FOR SAW CUT DETAILS
- HSS 4x4x3/8" COLUMNS

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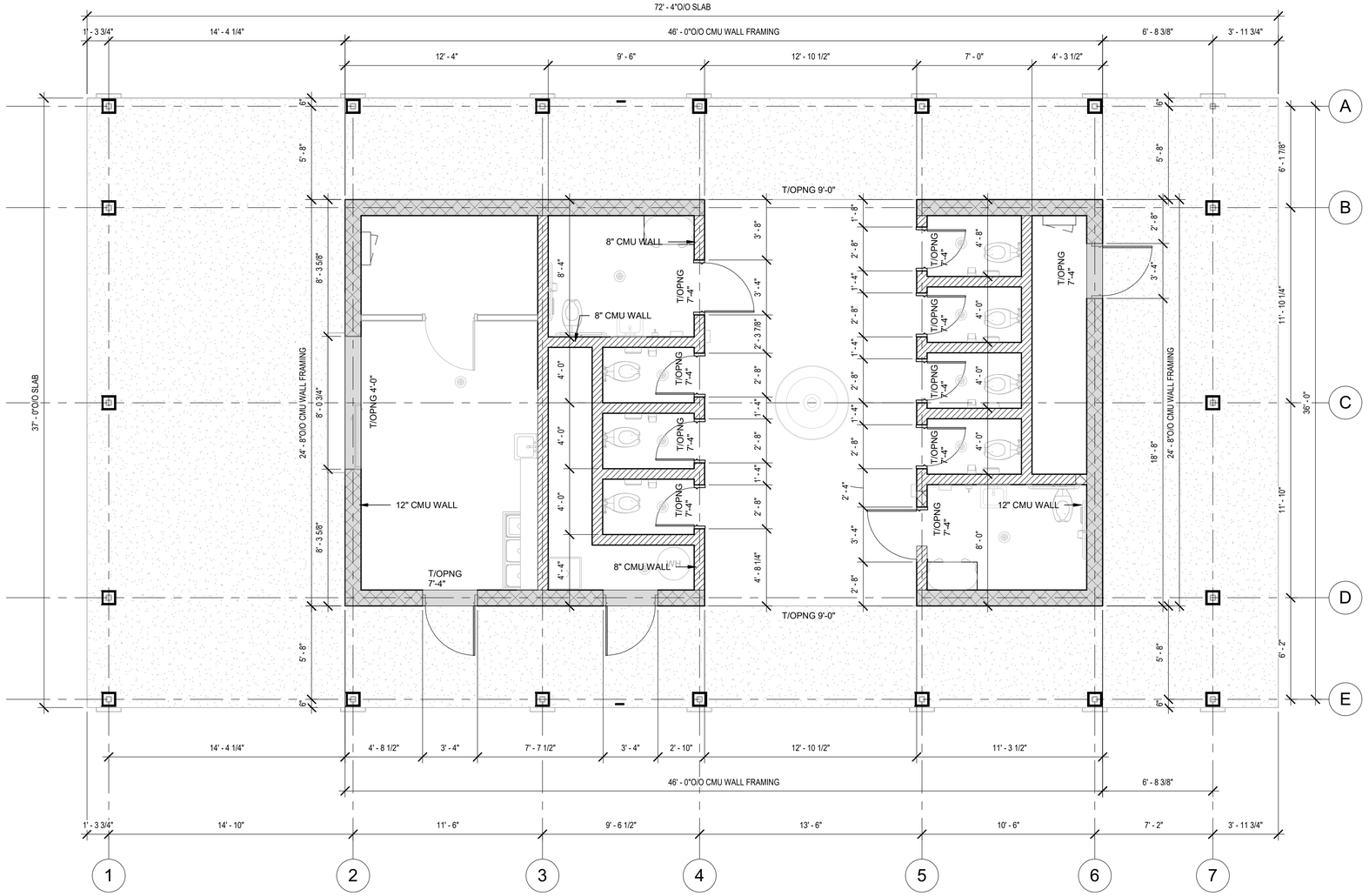

CMU WALL PLAN

SCALE: 1/4" = 1'-0"

TRUE NORTH PROJECT NORTH

4' 2' 0' 4' 8'

SLAB ON GRADE NOTES:

1. REFER TO GENERAL NOTES SHEET FOR ADDITIONAL CONCRETE AND SLAB ON GRADE NOTES.
2. SLAB ON GRADE SHALL BE MINIMUM 4" THICK CONCRETE PLACED ON 15 MIL MINIMUM VAPOR BARRIER ON COMPACTED FILL. REINFORCE SLAB ON GRADE WITH #3 @ 8" ON CENTER EACH WAY. REFER TO TYPICAL DETAILS FOR ADDITIONAL REINFORCEMENT AND REQUIREMENTS. USE CHAIRS TO POSITION REINFORCING 1" BELOW TOP OF SLAB, UNLESS OTHERWISE INDICATED, AND TO MAINTAIN THAT DEPTH DURING CONCRETE PLACEMENT.
3. TOP OF SLAB ELEVATION = 0'-0" (147.50'), UNLESS OTHERWISE NOTED. REFER TO GENERAL NOTES FOR NGVD REFERENCE ELEVATION.
4. COORDINATE ALL SLAB PENETRATION SIZES AND LOCATIONS WITH ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS.
5. CONTRACTOR SHALL SUBMIT CONTROL / CONSTRUCTION JOINT LOCATION PLAN TO EOR FOR REVIEW PRIOR TO PLACING. REFER TO S3.1.
6. REFER TO S3.2 FOR TYPICAL SLAB ON GRADE DETAILS.
7. "+-" INDICATES THICKNESS OF CONC ABOVE T/SLAB.
8. COORDINATE RECESSED SLAB LOCATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
9. SLOPE TOP OF SLAB TO FLOOR DRAINS.

TYPICAL CMU WALL NOTES:

1. TOP OF CMU WALL ELEVATION = VARIES, UNLESS OTHERWISE NOTED. REFER TO GENERAL NOTES FOR NGVD REFERENCE ELEVATION.
2. REFER TO GENERAL NOTES AND STANDARD CMU SHEETS FOR ADDITIONAL CMU INFORMATION.
3. REFER TO SHEET SXXXX FOR STANDARD CMU DETAILS AND REINFORCING
4. REFER TO ARCHITECTURAL, ELECTRICAL, MECHANICAL AND PLUMBING PLANS FOR OPENINGS IN CMU WALLS.
5. COORDINATE ALL OPENINGS AND OPENING ELEVATIONS IN THE CMU WITH THE ARCHITECTURAL, ELECTRICAL, MECHANICAL AND PLUMBING DRAWINGS.
6. PROVIDE MINIMUM 16" BOND BEAM WITH (2) #5 TOP AND BOTTOM OVER ALL WALL OPENINGS UNLESS OTHERWISE DESIGNATED.

LEGEND

- DENOTES 12" CMU WALL
- DENOTES 8" CMU WALL
- TD — INDICATES TURNDOWN SLAB REFER TO SHEET S?.? FOR DETAILS
- TS — INDICATES THICKENED SLAB REFER TO SHEET S3.2 FOR DETAILS
- EL: X'-XX" — INDICATES TOP OF SLAB REFERENCE ELEVATION REFER TO GENERAL NOTES
- INDICATES HSS4X4X3/8 COLUMN ATTACH B/COL TO SUPPORT w/ SIMPSON MPB88Z MOMENT POST BASE
- INDICATES SLAB STEP DOWN
- INDICATES SLAB SLOPE DOWN
- INDICATES (43) 3/4" DIA. GALVANIZED THREADED RODS WITH GALV. NUT AND WASHER EACH END AND A COUPLING CONNECTION AT 2'-0" ABOVE THE FINISHED FLOOR AROUND THE PERIMETER OF THE BUILDING. ANCHOR ONE NUT AND WASHER A MINIMUM OF 10" INTO THE CONCRETE TURNDOWN FOUNDATION.

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DATE: May 5, 2024

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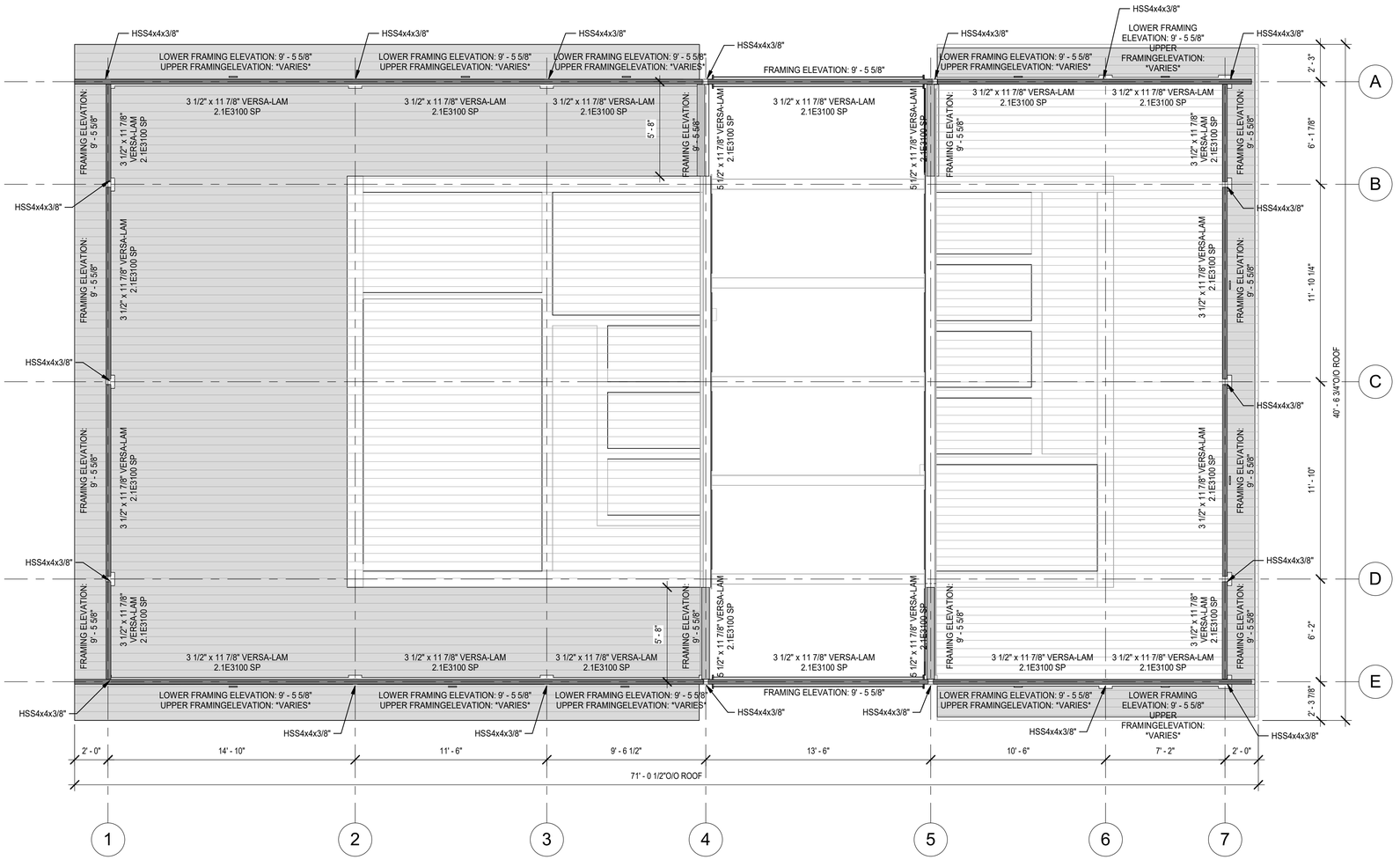

PERIMETER GIRDER FRAMING PLAN

SCALE: 1/4" = 1'-0"

TRUE NORTH PROJECT NORTH

4' 2' 0' 4' 8'

SLAB ON GRADE NOTES:

1. REFER TO GENERAL NOTES SHEET FOR ADDITIONAL CONCRETE AND SLAB ON GRADE NOTES.

2. SLAB ON GRADE SHALL BE MINIMUM 4" THICK CONCRETE PLACED ON 15 MIL MINIMUM VAPOR BARRIER ON COMPACTED FILL. REINFORCE SLAB ON GRADE WITH #3 @ 8" ON CENTER EACH WAY. REFER TO TYPICAL DETAILS FOR ADDITIONAL REINFORCEMENT AND REQUIREMENTS. USE CHAIRS TO POSITION REINFORCING 1" BELOW TOP OF SLAB, UNLESS OTHERWISE INDICATED, AND TO MAINTAIN THAT DEPTH DURING CONCRETE PLACEMENT.

3. TOP OF SLAB ELEVATION = 0'-0" (147.50'), UNLESS OTHERWISE NOTED. REFER TO GENERAL NOTES FOR NGVD REFERENCE ELEVATION.

4. COORDINATE ALL SLAB PENETRATION SIZES AND LOCATIONS WITH ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS.

5. CONTRACTOR SHALL SUBMIT CONTROL / CONSTRUCTION JOINT LOCATION PLAN TO EOR FOR REVIEW PRIOR TO PLACING. REFER TO S3.1.

6. REFER TO S3.2 FOR TYPICAL SLAB ON GRADE DETAILS.

7. "+-" INDICATES THICKNESS OF CONC ABOVE T/SLAB.

8. COORDINATE RECESSED SLAB LOCATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.

9. SLOPE TOP OF SLAB TO FLOOR DRAINS.

TYPICAL CMU WALL NOTES:

1. TOP OF CMU WALL ELEVATION = VARIES, UNLESS OTHERWISE NOTED. REFER TO GENERAL NOTES FOR NGVD REFERENCE ELEVATION.

2. REFER TO GENERAL NOTES AND STANDARD CMU SHEETS FOR ADDITIONAL CMU INFORMATION.

3. REFER TO SHEET SXXXX FOR STANDARD CMU DETAILS AND REINFORCING

4. REFER TO ARCHITECTURAL, ELECTRICAL, MECHANICAL AND PLUMBING PLANS FOR OPENINGS IN CMU WALLS.

5. COORDINATE ALL OPENINGS AND OPENING ELEVATIONS IN THE CMU WITH THE ARCHITECTURAL, ELECTRICAL, MECHANICAL AND PLUMBING DRAWINGS.

6. PROVIDE MINIMUM 16" BOND BEAM WITH (2) #5 TOP AND BOTTOM OVER ALL WALL OPENINGS UNLESS OTHERWISE DESIGNATED.

LEGEND

- DENOTES 3 1/2" x 11 7/8" VERSA-LAM 2.1E3100 SP
- DENOTES 5 1/2" x 11 7/8" VERSA-LAM 2.1E3100 SP
- TD — INDICATES TURNDOWN SLAB. REFER TO SHEET S?.? FOR DETAILS
- TS — INDICATES THICKENED SLAB. REFER TO SHEET S3.2 FOR DETAILS
- EL: X'-XX" — INDICATES TOP OF SLAB REFERENCE ELEVATION. REFER TO GENERAL NOTES
- INDICATES HSS4X4X3/8 COLUMN. ATTACH B/COL TO SUPPORT w/ SIMPSON MPB88Z MOMENT POST BASE
- INDICATES SLAB STEP DOWN
- INDICATES SLAB SLOPE DOWN
- INDICATES (43) 3/4" DIA. GALVANIZED THREADED RODS WITH GALV. NUT AND WASHER EACH END AND A COUPLING CONNECTION AT 2'-0" ABOVE THE FINISHED FLOOR AROUND THE PERIMETER OF THE BUILDING. ANCHOR ONE NUT AND WASHER A MINIMUM OF 10" INTO THE CONCRETE TURNDOWN FOUNDATION.

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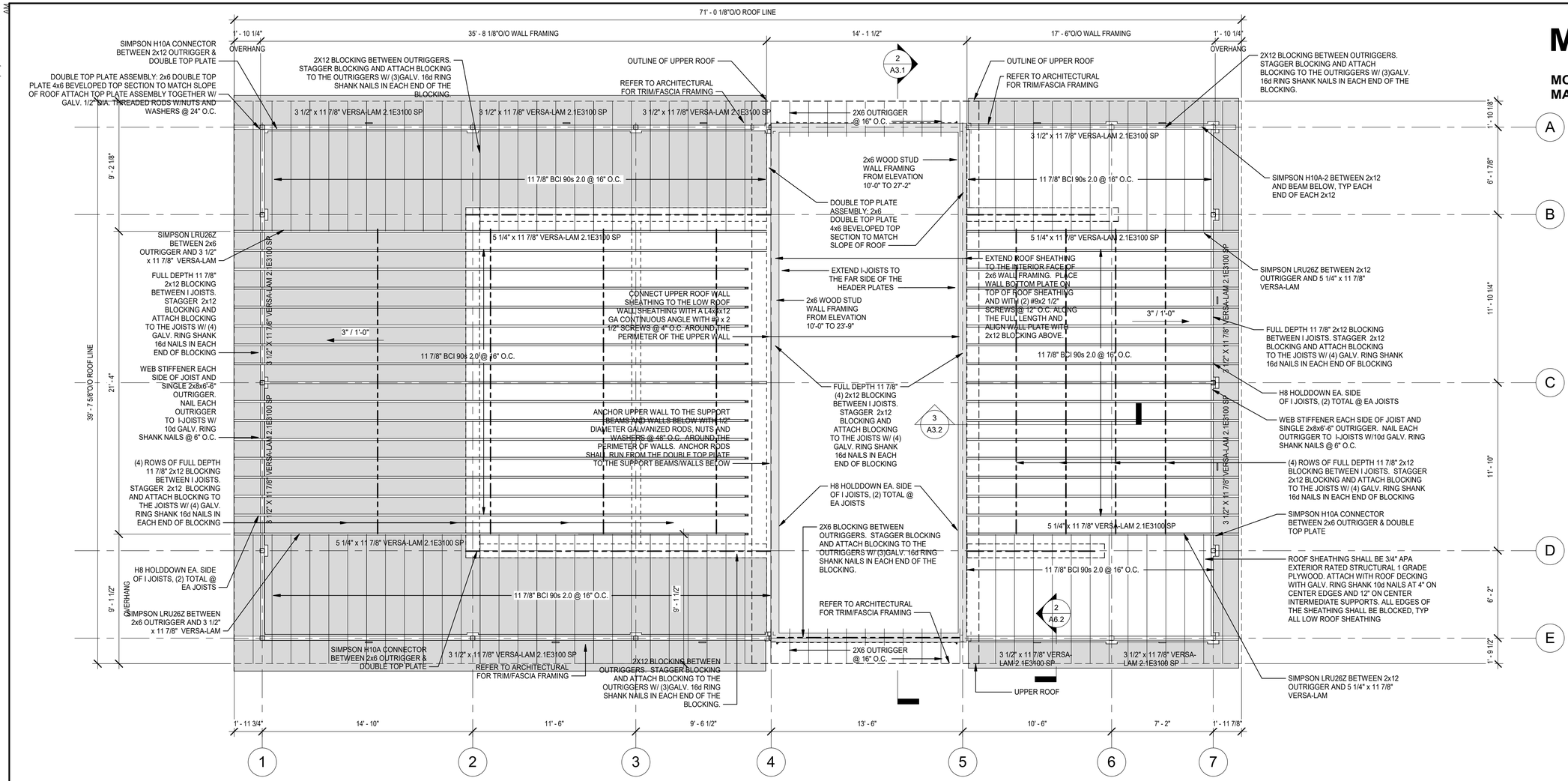


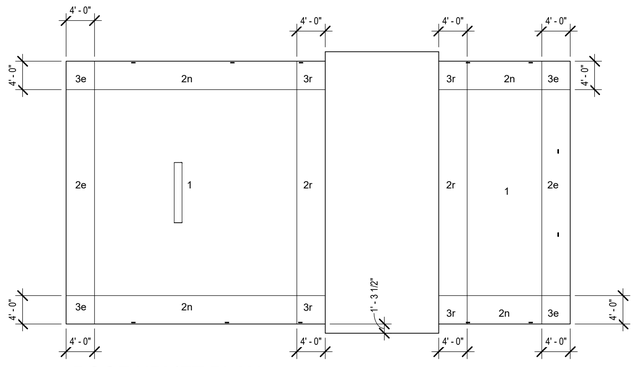
ROOF FRAMING PLAN

SCALE: 1/4" = 1'-0"

TRUE NORTH

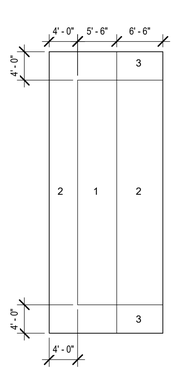
PROJECT NORTH

4' 2' 0' 4' 8'



ROOF UPLIFT PLAN

SCALE: 3/32" = 1'-0"



LOW GABLED ROOF PRESSURES				
ZONE	EFFECTIVE AREA (FT²)	PRESSURE (PSF) POSITIVE	NEGATIVE	ROOF OVERHANG
1	<=10	33.5	-101.9	N/A
	50	25.8	-62.0	N/A
	100	22.4	-31.8	N/A
	>200	22.4	-31.8	N/A
2e	<=10	33.5	-101.9	-125.3
	50	25.8	-62.0	-98.7
	100	22.4	31.8	-78.6
	>200	22.4	-31.8	-78.6
2n	<=10	33.5	-148.7	-172.1
	50	25.8	-101.9	-137.0
	100	22.4	-81.8	-121.9
	>200	22.4	-61.7	-106.8
2r	<=10	33.5	-148.7	-172.1
	50	25.8	-101.9	-137.0
	100	22.4	-81.8	-121.9
	>200	22.4	-61.7	-106.8
3e	<=10	33.5	-148.7	-200.1
	50	25.8	-101.9	-139.3
	100	22.4	-81.8	-113.2
	>200	22.4	-61.7	-87.0
3r	<=10	33.5	-176.8	-228.2
	50	25.8	-117.9	-149.7
	100	22.4	-92.6	-116.0
	>200	22.4	-92.6	-116.0

LOWER ROOF WALL PRESSURES			
ZONE	EFFECTIVE AREA (FT²)	PRESSURE (PSF) POSITIVE	NEGATIVE
4	<=10	55.2	-59.9
	50	49.4	-54.1
	200	44.4	-49.1
	>500	41.1	-45.8
5	<=10	55.2	-73.9
	50	49.4	-62.3
	200	44.4	-52.4
	>500	41.1	-45.8

NOTES:

1. WALL SECTION 5 EXTENDS FROM THE BUILDING CORNERS A DISTANCE OF 4'-0". WALL SECTION 4 IS THE REMAINDER OF THE WALL.
2. COMPONENT AND CLADDING PRESSURES SHOWN ARE ULTIMATE PRESSURES AND CAN BE REDUCED BY 0.6 FOR ALLOWABLE PRESSURES.

ROOF FRAMING NOTES:

1. ROOF SHEATHING SHALL BE 3/4" APA EXTERIOR RATED STRUCTURAL 1 GRADE PLYWOOD. ATTACH WITH ROOF DECKING WITH GALV. RING SHANK 10d NAILS AT 6" ON CENTER EDGES AND 12" ON CENTER INTERMEDIATE SUPPORTS. ALL EDGES OF THE SHEATHING SHALL BE BLOCKED. PROVIDE STAGGERED LAYOUT.
2. ALL WOOD MEMBERS EXPOSED TO WEATHER SHALL BE PRESSURE TREATED.
3. JOISTS BRACING SHOWN AS MINIMUM. REFER TO TRUSS DESIGNER FOR ADDITIONAL BRACING REQUIREMENTS.
4. ALL SIMPSON CONNECTORS AND HANGERS SHALL BE HOT DIPPED GALVANIZED WITH A MINIMUM OF A G90 COATING THICKNESS.
5. REFER TO ARCHITECTURAL DRAWINGS FOR TOP AND BOTTOM ELEVATIONS OF OPENINGS IN WALLS.
6. REFER TO S1.4 AND S1.6 FOR TOP OF WALL ELEVATIONS.
7. REFER TO S1.5 AND S1.6 FOR ROOF UPLIFT DIAGRAM AND PRESSURES.

2 ADDENDUM 4 | 11/7/2024

MOTT MACDONALD
107 St. Francis Street
Suite 2900,
Mobile, Alabama 36602
Telephone: (251) 343-4366
Fax: (251) 343-6902
Architects
Engineers
Surveyors

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855 539 5086
www.cpladesignplanning.com

ARCHITECTURAL DRAWINGS FOR:
CITY OF MOBILE- MIMS PARK
Mobile, AL 36693

SCALE: As indicated

ALABAMA LICENSED
No. 28305 PROFESSIONAL
04-24-2024
CHAD EDWARD LYNER ENGINEER

ISSUED FOR PERMIT

DATE: May 5, 2024

S1.5

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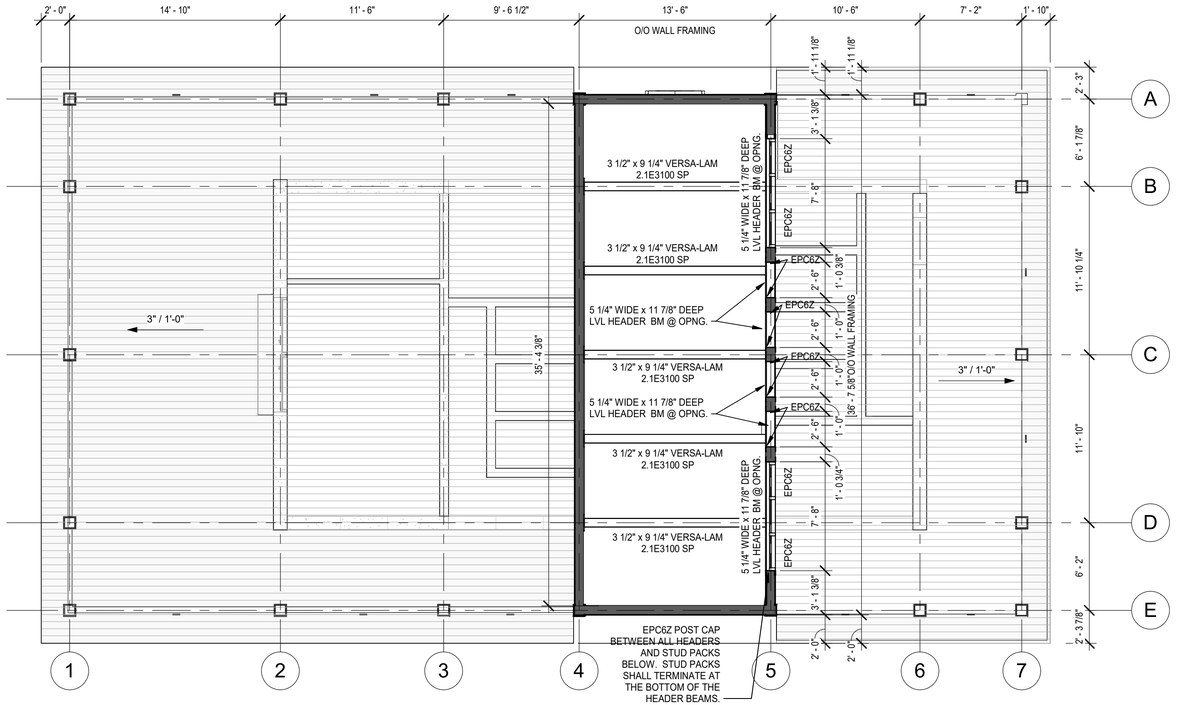
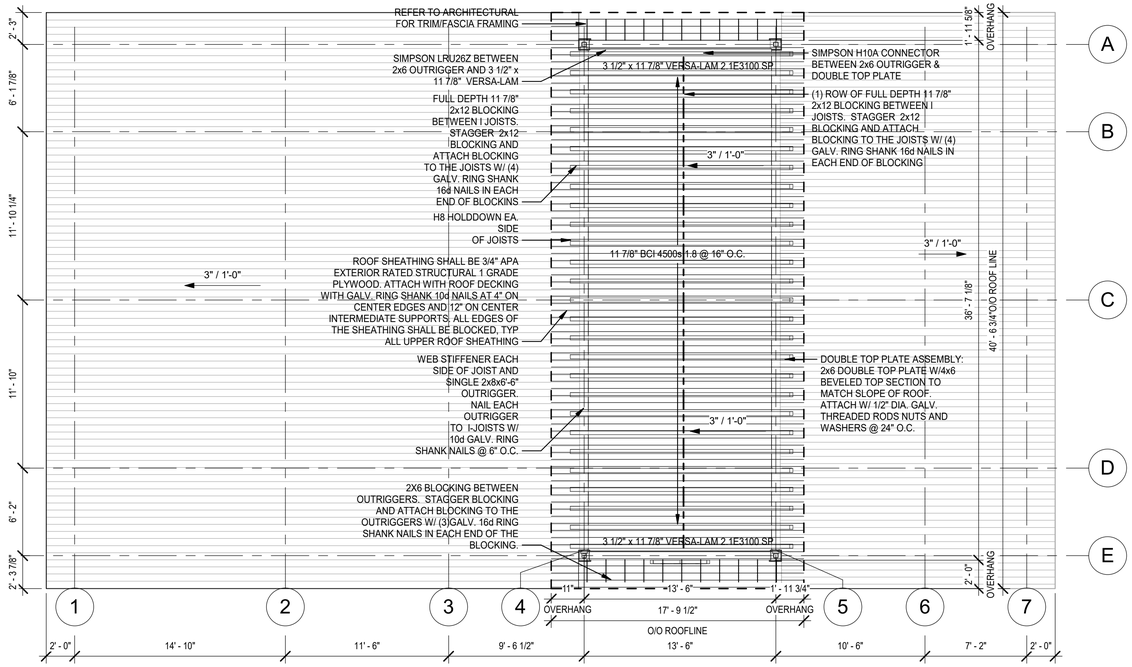


UPPER WALL FRAMING PLAN

SCALE: 3/16" = 1'-0"



UPPER ROOF FRAMING PLAN

SCALE: 3/16" = 1'-0"

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107 St. Francis Street
Suite 2900,
Mobile, Alabama 36602
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Fax: (251) 343-6902

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ROOF FRAMING NOTES:

1. ROOF SHEATHING SHALL BE 3/4" APA EXTERIOR RATED STRUCTURAL 1 GRADE PLYWOOD. ATTACH WITH ROOF DECKING WITH GALV. RING SHANK 10d NAILS AT 4" ON CENTER EDGES AND 12" ON CENTER INTERMEDIATE SUPPORTS. ALL EDGES OF THE SHEATHING SHALL BE BLOCKED. PROVIDE STAGGERED LAYOUT.

2. ALL WOOD MEMBERS EXPOSED TO WEATHER SHALL BE PRESSURE TREATED.

3. JOISTS BRACING SHOWN AS MINIMUM. REFER TO TRUSS DESIGNER FOR ADDITIONAL BRACING REQUIREMENTS.

4. ALL SIMPSON CONNECTORS AND HANGERS SHALL BE HOT DIPPED GALVANIZED WITH A MINIMUM OF A G90 COATING THICKNESS.

5. REFER TO ARCHITECTURAL DRAWINGS FOR TOP AND BOTTOM ELEVATIONS OF OPENINGS IN WALLS.

6. REFER TO S1.4 AND S1.6 FOR TOP OF WALL ELEVATIONS.

7. REFER TO S1.5 AND S1.6 FOR ROOF UPLIFT DIAGRAM AND PRESSURES.

LOW GABLED ROOF PRESSURES				
ZONE	EFFECTIVE AREA (FT^2)	PRESSURE (PSF) POSITIVE	NEGATIVE	ROOF OVERHANG
1	<=10	33.5	-101.9	N/A
	50	25.8	-62.0	N/A
	100	22.4	-31.8	N/A
	>200	22.4	-31.8	N/A
2e	<=10	33.5	-101.9	-125.3
	50	25.8	-62.0	-98.7
	100	22.4	31.8	-78.6
	>200	22.4	-31.8	-78.6
2n	<=10	33.5	-148.7	-172.1
	50	25.8	-101.9	-137.0
	100	22.4	-81.8	-121.9
	>200	22.4	-61.7	-106.8
2r	<=10	33.5	-148.7	-172.1
	50	25.8	-101.9	-137.0
	100	22.4	-81.8	-121.9
	>200	22.4	-61.7	-106.8
3e	<=10	33.5	-148.7	-200.1
	50	25.8	-101.9	-139.3
	100	22.4	-81.8	-113.2
	>200	22.4	-61.7	-87.0
3r	<=10	33.5	-176.8	-228.2
	50	25.8	-117.9	-149.7
	100	22.4	-92.6	-116.0
	>200	22.4	-92.6	-116.0

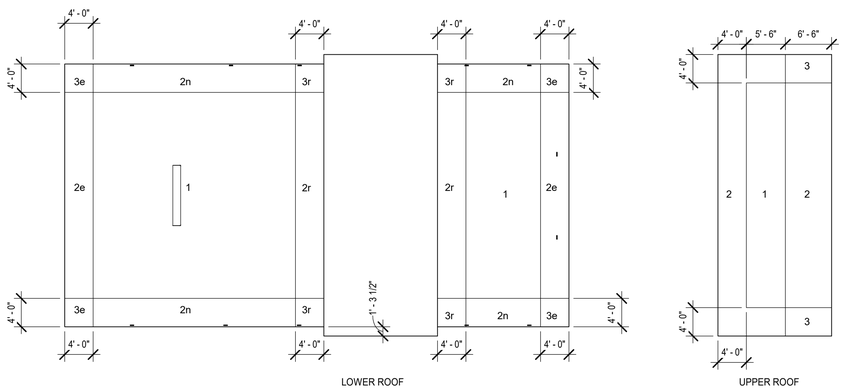
LOWER ROOF WALL PRESSURES			
ZONE	EFFECTIVE AREA (FT^2)	PRESSURE (PSF) POSITIVE	NEGATIVE
4	<=10	55.2	-59.9
	50	49.4	-54.1
	200	44.4	-49.1
	>500	41.1	-45.8
5	<=10	55.2	-73.9
	50	49.4	-62.3
	200	44.4	-52.4
	>500	41.1	-45.8

NOTES:

1. WALL SECTION 5 EXTENDS FROM THE BUILDING CORNERS A DISTANCE OF 4'-0". WALL SECTION 4 IS THE REMAINDER OF THE WALL.
2. COMPONENT AND CLADDING PRESSURES SHOWN ARE ULTIMATE PRESSURES AND CAN BE REDUCED BY 0.6 FOR ALLOWABLE PRESSURES.

UPLIFT CHARTS

SCALE: 1/4" = 1'-0"



ROOF UPLIFT PLAN

SCALE: 3/32" = 1'-0"

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107 St. Francis Street
Suite 2900,
Mobile, Alabama 36602
Telephone: (251) 343-4366
Fax: (251) 343-6902
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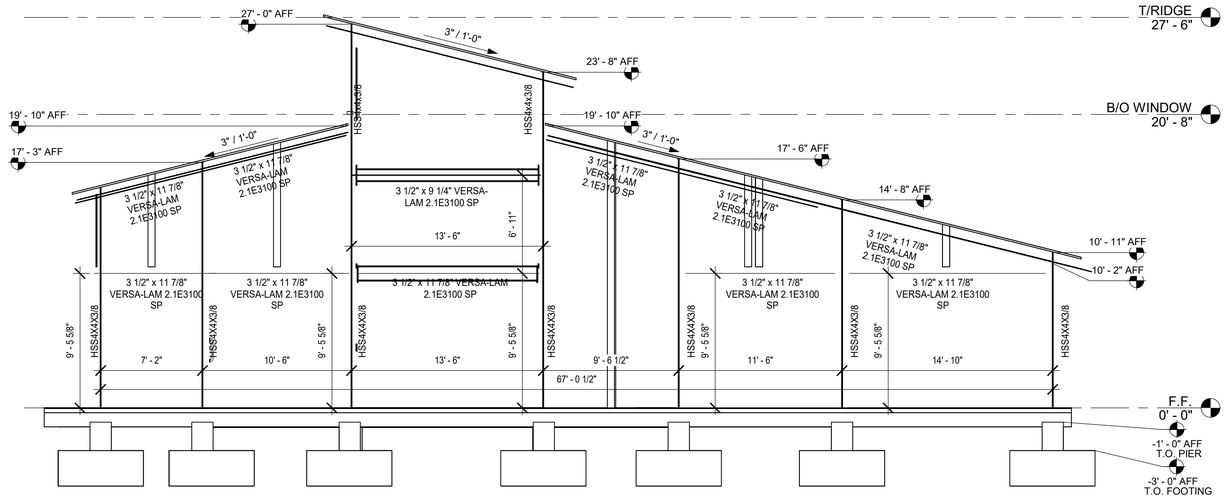
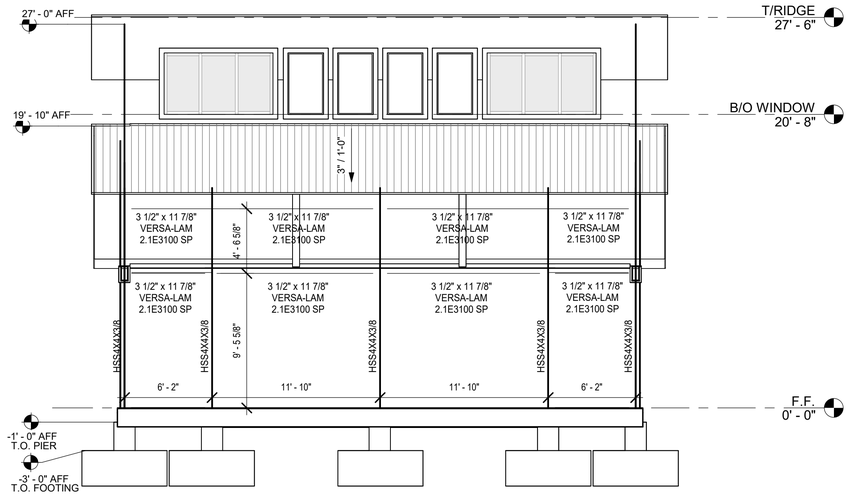
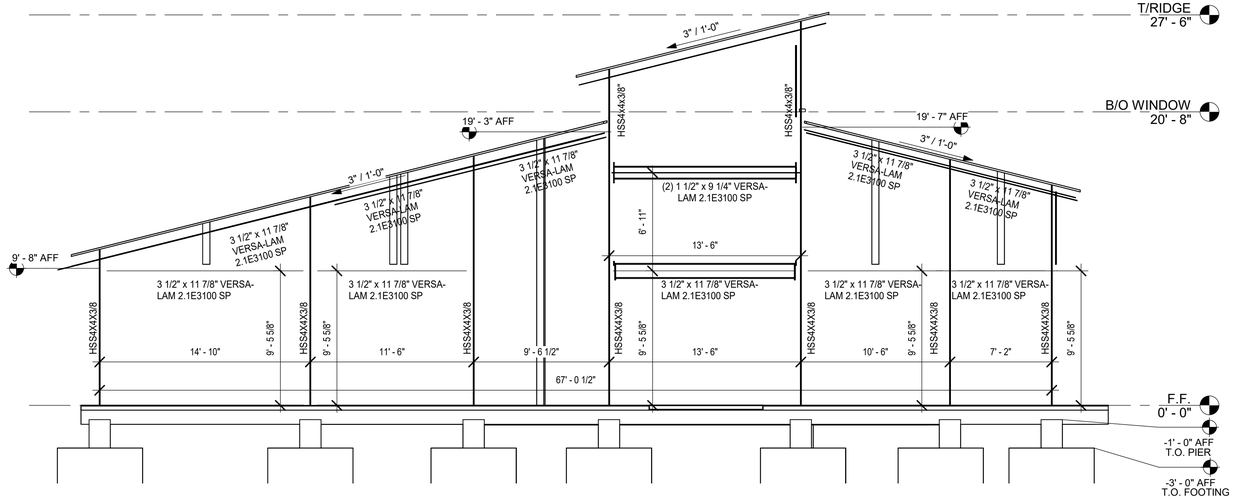


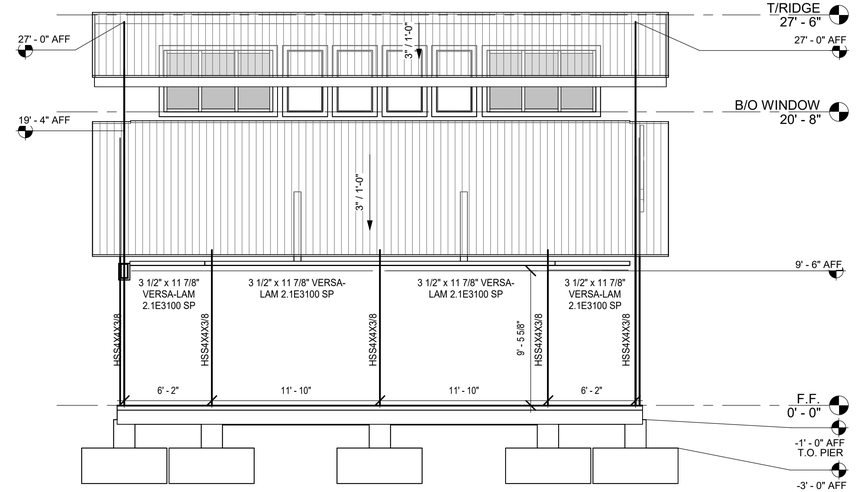
NORTH ELEVATION
SCALE: 3/16" = 1'-0"



EAST ELEVATION
SCALE: 3/16" = 1'-0"



SOUTH ELEVATION
SCALE: 3/16" = 1'-0"



WEST ELEVATION
SCALE: 3/16" = 1'-0"

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SCALE 3/16" = 1'-0"

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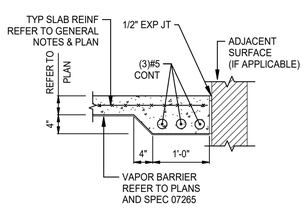
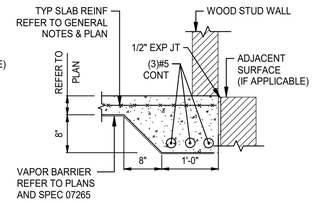
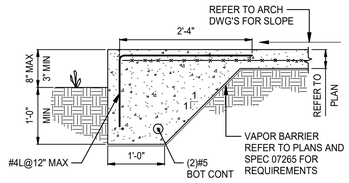


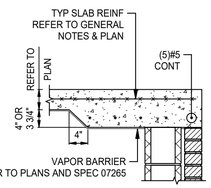
PORCH SLAB



INTERIOR SLAB



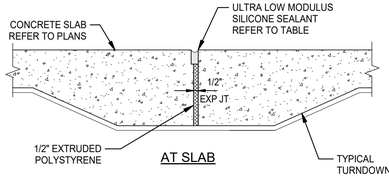
EXTERIOR SLAB



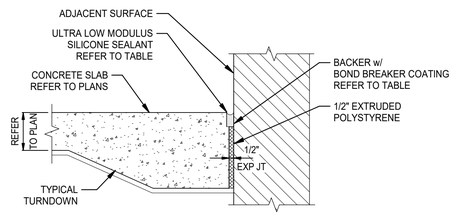
SLAB OVER STEMWALL

1 S3.1 TURNDOWN AT SLAB EDGE (WWF)

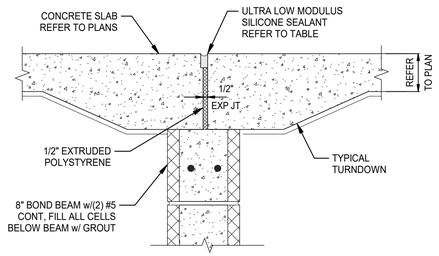
3/4" = 1'-0"



AT SLAB



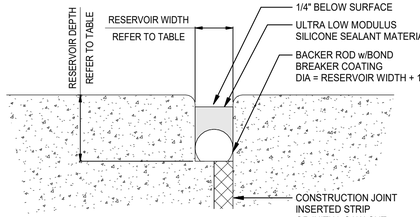
AT ADJACENT SURFACE



AT DOOR OPENING

2 S3.1 TYPICAL SLAB 1/2" EXPANSION JOINT (EJ)

1 1/2" = 1'-0"



JOINT SPACING	SEALANT RESERVOIR SHAPE	
	WIDTH	DEPTH
15'-0" OR LESS	5/8"	3/4"
20'-0"	5/8"	3/4"
30'-0"	5/8"	3/4"
40'-0"	5/8"	1"

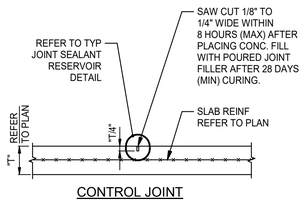
NOTE:

SEALANT MATERIAL SHALL BE A FIELD MOLDED SEALANT OF ONE OF THE FOLLOWING TYPES:

1. HOT APPLIED THERMOPLASTIC ASPHALT - RUBBER COMPOUNDS MEETING ASTM 1190.
2. HOT POURED ELASTOMERIC TYPE SEALANTS - MEETING ASTM D3406.
3. COLD APPLIED, MASTIC SINGLE OR MULTIPLE - COMPONENT SEALANTS MEETING ASTM D1850.

NOTES:

1. PLACE CONTROL JOINTS AT CHANGES IN SLAB WIDTH, AT COLUMN BLOCKOUTS, COLUMN CENTERLINES, AND AT REGULARLY SPACED INTERVALS.
2. MAXIMUM SPACING OF JOINTS SHALL NOT EXCEED 8'-0" FOR 4" SLABS, 12'-0" FOR 6" SLABS, AND 16'-0" FOR 8" SLABS, IN EITHER DIRECTION.
3. DO NOT EXCEED A 2 TO 1 WIDTH TO LENGTH RATIO.
4. USE CONSTRUCTION JOINTS WHEN THERE IS A BREAK IN SLAB POURING OPERATIONS EXCEEDING 30 MINUTES.



CONTROL JOINT

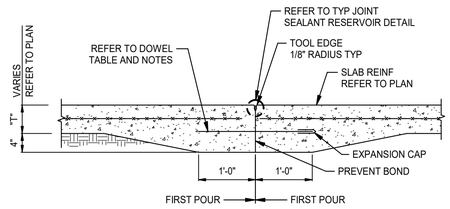
3 S3.1 TYPICAL SLAB ON GRADE CONTROL JOINT (CJ)

3/4" = 1'-0"

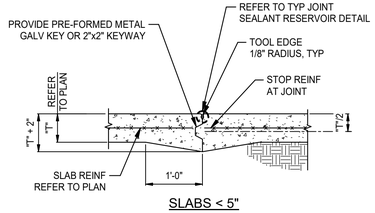
DOWEL TABLE			
"T" SLAB DEPTH (INCHES)	DIAMETER (INCHES)	TOTAL LENGTH (INCHES)	CENTER TO CENTER SPACING (IN)
5	5/8	12	12
6	3/4	14	12
7	7/8	14	12
8	1	14	12
9	1 1/8	16	12
10	1 1/4	18	12
11	1 3/8	18	12
12	1 1/2	20	12

DOWEL NOTES:

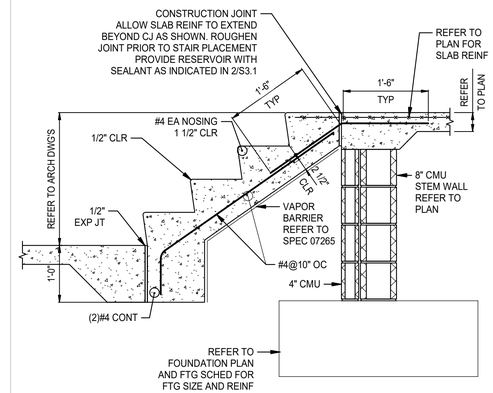
1. DOWELS SHALL BE PLAIN ROUND BARS EQUIVALENT TO ASTM A615 WITH A CORROSION RESISTANT COATING.
2. ONE-HALF (1/2) OF EACH BAR SHALL BE COVERED WITH ONE COAT TAR. PLACE EXPANSION CAP ON COATED SIDE.
3. DOWELS SHALL BE PLACED PARALLEL TO THE CENTERLINE AND SURFACE OF THE SLAB. TOLERANCE OF THE PLACEMENT SHALL BE ±1/4".



SLABS ≥ 5"

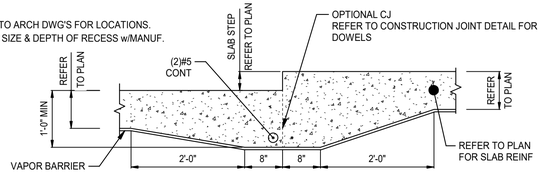


SLABS < 5"



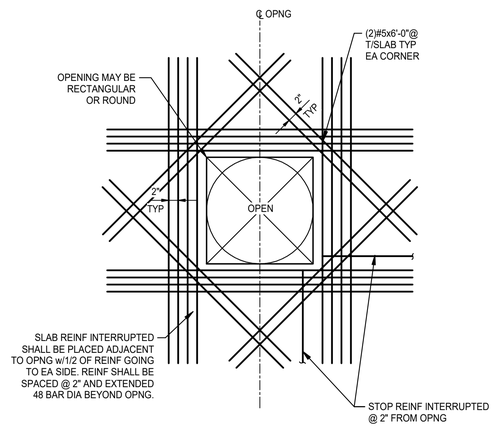
4 S3.1 TYPICAL SLAB ON GRADE STEP OR RECESS

3/4" = 1'-0"



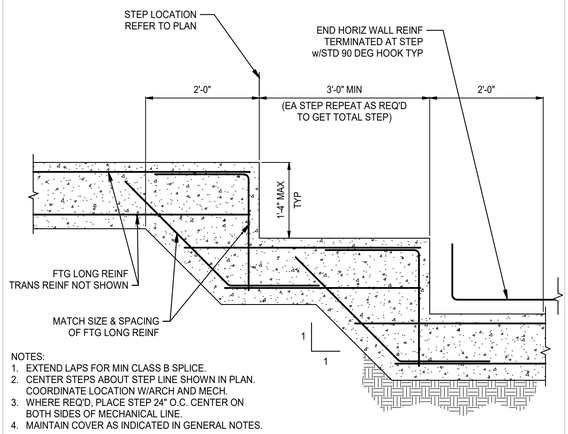
5 S3.1 TYPICAL SLAB ON GRADE CONSTRUCTION JOINT

3/4" = 1'-0"



7 S3.1 ADDITIONAL REINF AT SLAB OPENING

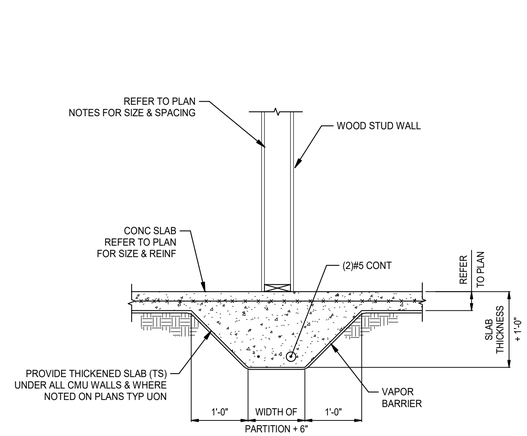
3/4" = 1'-0"



NOTES:
1. EXTEND LAPS FOR MIN CLASS B SPLICE.
2. CENTER STEPS ABOUT STEP LINE SHOWN IN PLAN. COORDINATE LOCATION W/ARCH AND MECH.
3. WHERE REQ'D, PLACE STEP 24" O.C. CENTER ON BOTH SIDES OF MECHANICAL LINE.
4. MAINTAIN COVER AS INDICATED IN GENERAL NOTES.

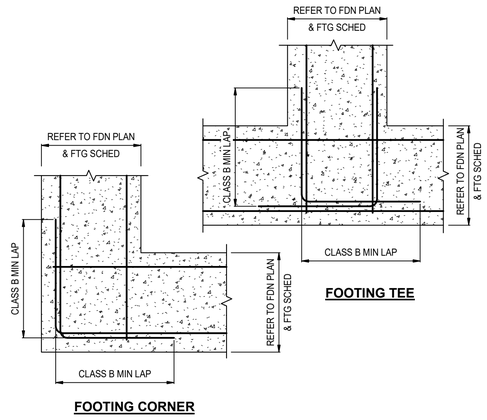
8 S3.1 TYPICAL FOOTING STEPS

3/4" = 1'-0"



9 S3.1 TYPICAL THICKENED SLAB (TS) UNDER PARTITION WALL

3/4" = 1'-0"



10 S3.1 REINFORCING AT FOOTING TEES AND CORNERS

3/4" = 1'-0"

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M
MOTT MACDONALD M
107 St. Francis Street
Suite 2900,
Mobile, Alabama 36602
Telephone: (251) 343-4366
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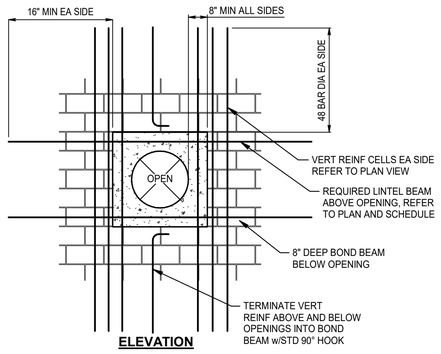
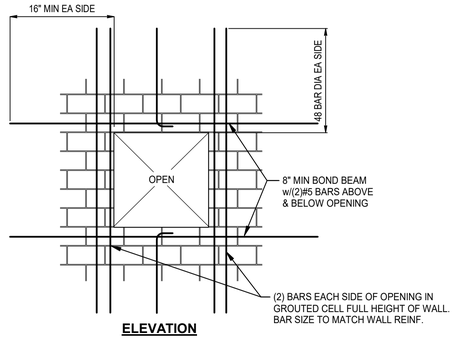
S3.1



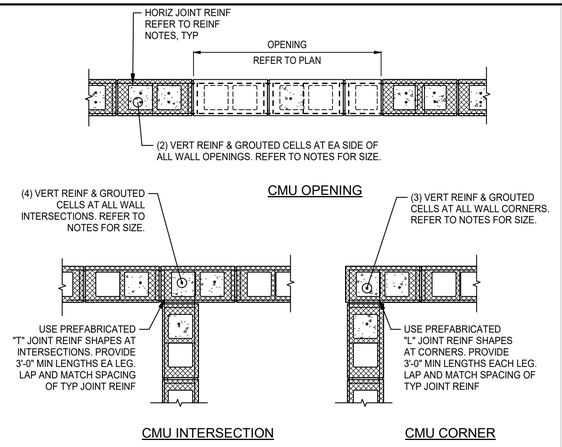
1 S3.2 CIRCULAR OPENING IN MASONRY WALL

3/4" = 1'-0"



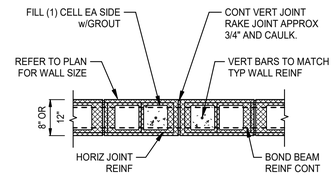
2 S3.2 SQUARE OPENING IN MASONRY WALL

3/4" = 1'-0"



3 S3.2 TYPICAL CMU DETAILS

3/4" = 1'-0"

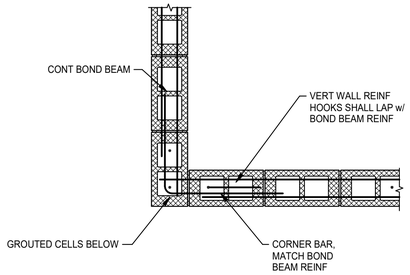


NOTES:

1. CMU CONTROL JOINTS ARE NOT TO EXCEED 25'-0", TYPICAL UNLESS OTHERWISE NOTED.
2. THE JOINTS SHALL BE LOCATED A MINIMUM OF 24" FROM DOOR OR WINDOW OPENINGS TO MISS LINTELS.
3. THE TYPICAL HORIZONTAL JOINT REINFORCING SHALL BE TERMINATED 2" FROM EACH SIDE OF JOINT. ALL BOND BEAM REINFORCING SHALL CONTINUE THRU THE JOINT.
4. WALL SEGMENTS THAT EXCEED 25' AND DO NOT CONTAIN CONTROL JOINTS MUST BE REINFORCED WITH TYPICAL HORIZONTAL BOND BEAMS SPACED AT 5'-0" MAXIMUM VERTICAL.

4 S3.2 TYPICAL CMU CONTROL JOINT DETAIL

3/4" = 1'-0"



NOTES

1. ALL LAPS SHALL BE 48 BAR DIA MINIMUM.
2. SIMILAR FOR BOND BEAMS WITH (1) HORIZ BAR

5 S3.2 BOND BEAM CORNER REINFORCING DETAIL

3/4" = 1'-0"

8" & 12" EXTERIOR CMU JAMB SCHEDULE	
OPENING SIZE "W"	JAMB WIDTH & REINF
3'-4"	8" w/(2) #5 EA CELL
≤ 7'-4"	16" w/(2) #5 EA CELL
≤ 12'-0"	24" w/(2) #5 EA CELL

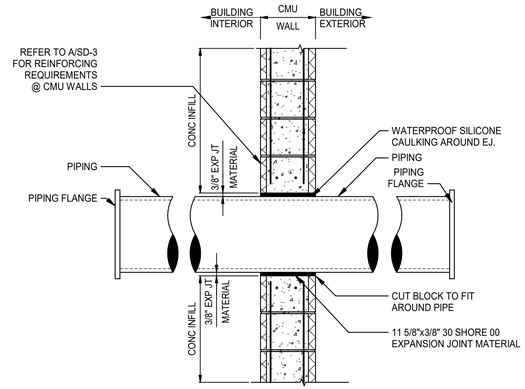
8" INTERIOR CMU JAMB SCHEDULE	
OPENING SIZE "W"	JAMB WIDTH & REINF
3'-4"	8" w/(1) #5 EA CELL
≤ 7'-4"	16" w/(1) #5 EA CELL
≤ 11'-8"	16" w/(2) #5 EA CELL

NOTE:

1. REFER TO DETAIL E/SD-4 FOR REINF PLACEMENT IN DOUBLE REINFORCED CELLS ((2) BARS EA CELL).
2. REFER TO CMU WALL NOTES FOR TYPICAL REINFORCING
3. APPLIES TO ALL OPENINGS INCLUDING BUT NOT LIMITED TO DOORS, WINDOWS, LOUVERS, DUCT PENETRATIONS, ETC.

6 S3.2 TYPICAL CMU JAMB SCHEDULE

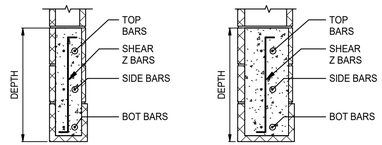
3/4" = 1'-0"



7 S3.2 TYPICAL PIPING PENETRATION DETAIL @ EXTERIOR OF CMU

3/4" = 1'-0"

CMU LINTEL DESIGNATION									
WALL TYPE	WALL SIZE	LINTEL SPAN							
		≤ 3'-4"		LESS THAN 7'-4"		LESS THAN 11'-8"		LESS THAN 14'-8"	LESS THAN 18'-0"
INTERIOR	8" CMU	1		2		3		4	4
EXTERIOR	12" CMU	5		6		7		8	8



LINTEL BEAM SCHEDULE					
DESIGNATION	SIZE (WIDTH x DEPTH)	REINFORCING			
		TOP BARS	BOT BARS	SIDE BARS	SHEAR
1	8"x8" CMU	-	(2)#5	-	-
2	8"x16" CMU	(2)#5	(2)#5	-	-
3	8"x24" CMU	(2)#5	(2)#5	(2)#5	-
4	8"x32" CMU	(2)#5	(2)#5	(4)#5	-
5	12"x8" CMU	-	(2)#6	-	-
6	12"x16" CMU	(2)#6	(2)#6	-	-
7	12"x24" CMU	(2)#6	(2)#6	(2)#6	-
8	12"x32" CMU	(2)#6	(2)#6	(2)#6	-

LINTEL NOTES:

1. PROVIDE 16" MINIMUM BEARING FOR CMU AND CONCRETE LINTELS.
2. SHORE LINTELS UNTIL WALL ABOVE IS COMPLETED AND ALL CELLS ARE FILLED.
3. EXTEND TOP & BOT REINF 48 BAR DIA MIN. BEYOND JAMB @ EACH END OR TERMINATE W/STD HOOK.
4. BOTTOM BLOCK SHALL BE SOLID FACE LINTEL BLOCK WHEN FINISH BLOCK IS EXPOSED.

8 S3.2 TYPICAL LINTEL SCHEDULE

3/4" = 1'-0"

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MOTT MACDONALD
107 St. Francis Street
Suite 2900,
Mobile, Alabama 36602
Telephone: (251) 343-4366
Fax: (251) 343-6902
Architects
Engineers
Surveyors

CHRISTIANPREUS Landscape Architecture
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ARCHITECTURAL DRAWINGS FOR:
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Mobile, AL 36693

SCALE 3/4" = 1'-0"

ALABAMA LICENSED No. 28305 PROFESSIONAL 04-24-2024 ENGINEER CHAD EDWARD LYNER

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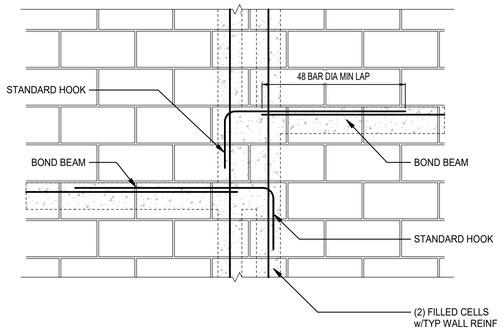
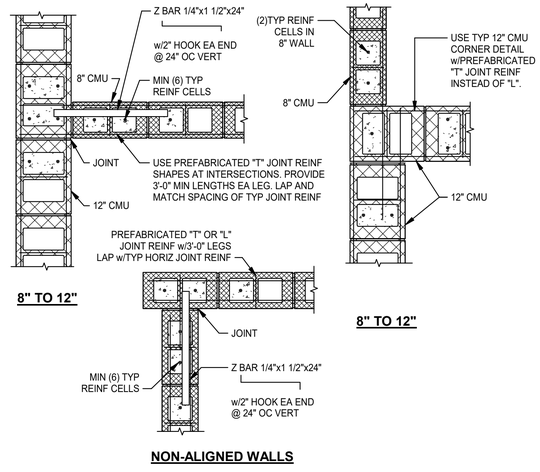
S3.2

1. REFER TO SHEET S0.1 AND S0.2 FOR ADDITIONAL NOTES.
2. DOWEL ALL CMU REINFORCEMENT IN FOOTINGS AND EXTEND INTO UPPERMOST BOND BEAM WITH 90 DEGREE HOOKS.
3. FILL ALL CELLS CONTAINING REINFORCEMENT AND ADDITIONAL CELLS AS INDICATED WITH 3,000 PSI PEA GRAVEL CONCRETE.
4. PROVIDE FOUR (4) FILLED CELLS OF TYPICAL WALL REINFORCING AT INTERSECTIONS, (3) FILLED CELLS OF TYPICAL WALL REINFORCING AT CORNERS, AND TWO (2) FILLED CELLS OF TYPICAL WALL REINFORCING AT EACH SIDE OF OPENINGS AND ENDS OF WALLS. PROVIDE (5) FILLED CELLS OF TYPICAL WALL REINFORCING AT CORNERS OF STAIRWELL AND ELEVATOR WALLS, UNLESS OTHERWISE NOTED.
5. FOR REINFORCEMENT ADJACENT TO INTERIOR CMU WALL OPENINGS, COORDINATE WITH JAMB SCHEDULE SHOWN ON THIS SHEET.
6. ALL CONCRETE MASONRY UNITS SHALL BE PLACED IN RUNNING BOND.
7. TYPICAL 8" CMU WALL REINFORCEMENT:
   A. REINFORCE WITH VERTICAL BARS: #5 @ 24" ON CENTER WITH ADDITIONAL REINFORCING AS INDICATED IN NOTE 4.
   B. PROVIDE 16" CMU BOND BEAM WITH (2)#5 CONTINUOUS REINFORCING BARS AT TOP OF ALL WALLS AND AT ROOF.
   C. PLACE THE REINFORCING IN THE CENTER OF THE WALL, UNLESS OTHERWISE NOTED.
8. TYPICAL 12" CMU WALL REINFORCEMENT:
   A. DOUBLE REINFORCE WITH VERTICAL BARS #5@24" ON CENTER WITH ADDITIONAL REINFORCING AS INDICATED IN NOTE 4
   B. PROVIDE 16" CMU BOND BEAM WITH (2)#5 CONTINUOUS AT TOP OF ALL WALLS
   C. PLACE THE REINFORCEMENT SO CENTERLINE OF REINFORCING IS 1 1/2" OFF INTERIOR FACE OF CMU CAVITIES.
9. HORIZONTAL JOINT REINFORCING IN ALL BLOCK WALLS SHALL BE STANDARD (9GA SIDE AND CROSS RODS) LADDER TYPE WALL REINFORCING @ 16". ALL WALLS PERPENDICULAR TO EXTERIOR WALLS SHALL HAVE ADDITIONAL PREFABRICATED "T" OR "L" JOINT REINFORCING AS INDICATE IN TYPICAL CMU DETAILS.
10. GROUT STOP SHALL BE A FIBERGLASS MESH CONFORMING TO ASTM STANDARD D1668-73, TYPE 207.
11. SPLICE ALL BARS 48 BAR DIAMETER, UNLESS OTHERWISE NOTED.
12. USE (1) TOP & BOTTOM CORNER BAR (MATCH TYPICAL REINFORCING) WITH 48 BAR DIAMETER LONG LEGS EACH WAY IN ALL BOND BEAM CORNERS & INTERSECTIONS. PLACE AT EXTERIOR FACE, UNLESS OTHERWISE NOTED.
13. THE LOWEST VERTICAL BAR IN ALL BLOCK WALLS SHALL HOOK 90 DEGREES INTO THE FOOTING OR SLAB WITH A MINIMUM 8" LEG UNLESS THE VERTICAL REINFORCING PASSES THRU THE SLAB TO A CONTINUOUS WALL BELOW.
14. THE HIGHEST VERTICAL BAR IN ALL BLOCK WALLS SHALL HOOK 90 DEGREES INTO THE UPPERMOST BOND BEAM WITH A MINIMUM 8" LEG UNLESS THE VERTICAL REINFORCING PASSES THRU THE SLAB TO A CONTINUOUS WALL ABOVE. IF THE WALL IS CAPPED WITH A SLAB, EXTEND 90 DEGREE HOOKS INTO THE SLAB AND LAP WITH THE VERTICAL WALL REINFORCING.
15. REFER TO DETAILS B AND C FOR ADDITIONAL REINFORCING AT WALL OPENINGS. OPENINGS LESS THAN 8"x8" OR 8" DIAMETER SHALL BE EXEMPT FROM THIS REQUIREMENT PROVIDED THAT ANY PORTION OF OPENING IS NOT LOCATED WITHIN A REINFORCED CELL.
16. CONDUIT PLACED IN REINFORCED CELLS SHALL BE LIMITED TO (1) CONDUIT PER REINFORCED OR FILLED CELL. MAXIMUM CONDUIT SIZE SHALL NOT EXCEED 1" OUTSIDE DIAMETER.

1 S3.3 TYPICAL CMU WALL REINFORCING NOTES
3/4" = 1'-0"

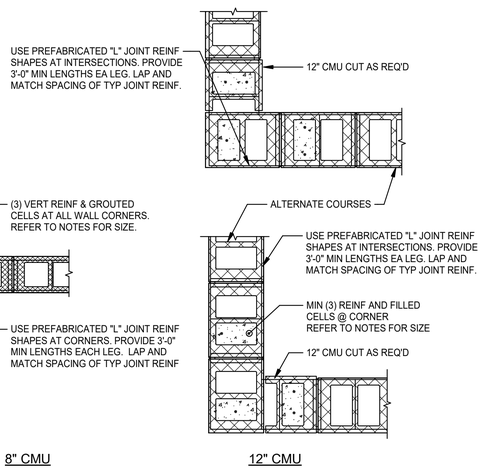


2 S3.3 CHANGES IN BOND BEAM ELEVATION
3/4" = 1'-0"



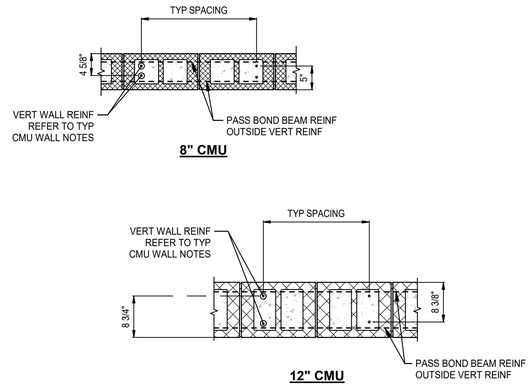
NON-ALIGNED WALLS

3 S3.3 NON-TOOTHED CMU WALL INTERSECTIONS
3/4" = 1'-0"



8" CMU 12" CMU

4 S3.3 TYPICAL CMU WALL CORNERS
3/4" = 1'-0"



NOTE:
DOUBLE REINF WALLS ARE INDICATED BY
CALLING FOR (2) BARS @ TYP SPACING.

5 S3.3 DOUBLE REINF CMU WALL DETAIL
3/4" = 1'-0"

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M
MOTT MACDONALD
107 St. Francis Street
Suite 2900,
Mobile, Alabama 36602
Telephone: (251) 343-4366
Fax: (251) 343-6902
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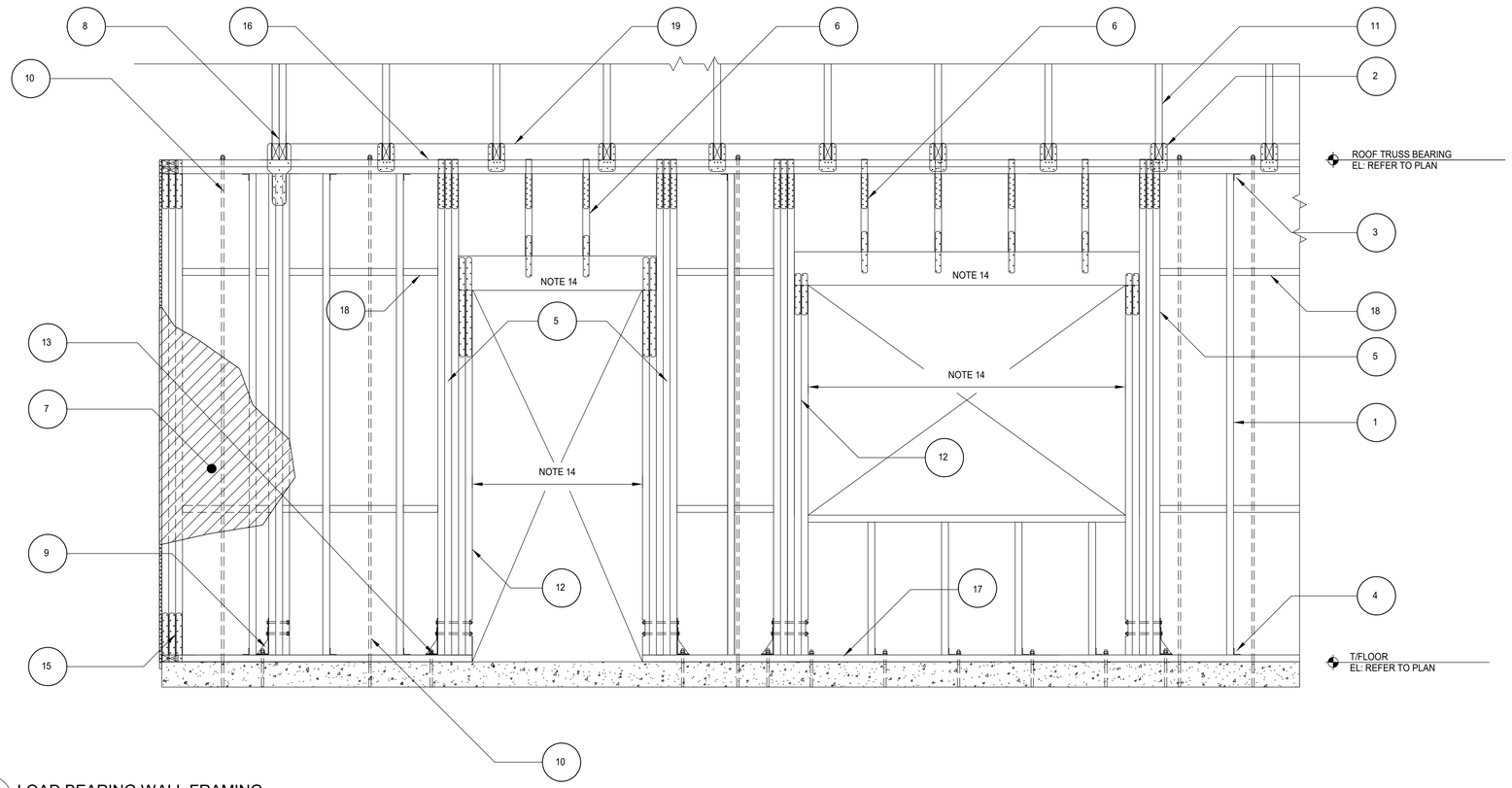
S3.3



1 S3.4 LOAD BEARING WALL FRAMING
3/4" = 1'-0"

TYPICAL EXTERIOR WALL NOTES

1. 2x6 NO. 1 SOUTHERN PINE STUDS AT 16" OC.
2. JOISTS TO WALL CONNECTION SHALL BE AS INDICATED ON S1.5 AND S1.5.
3. 2x6 WALL STUD TO TOP PLATE W/ (4) 16d GALV. RING SHANK NAILS.
4. 2x6 WALL STUD TO BOTTOM PLATE W/ (4) 16d GALV. RING SHANK NAILS.
5. (4)2x6 JAMB STUDS EACH SIDE OF OPENINGS, UON. CONNECT STUD W/ SPH6.
6. JACK STUDS AT 16" OC W/ (4) 16d GALV RING SHANK NAILS TO TOP PLATE AND SIMPSON MSTA24 STRAP TO HEADER.
7. 3/4" APA RATED STRUCTURAL 1 EXTERIOR GRADE SHEATHING EACH SIDE (BLOCK ALL EDGES) W/10d NAILS AT 4" OC EDGES AND 12" OC INTERMEDIATE SUPPORTS, ONE SIDE TYPICAL.
8. LVL GIRDER ROOF JOISTS WITH A H10A-2 HOLDDOWN AT EACH LVL GIRDER ROOF JOISTS.
9. (4)2x6 STUDS UNDER ALL LVL ROOF JOISTS MEMBERS WITH SIMPSON HD7B HOLDOWN (7/8"Ø GALV THREADED ROD THRU WALL PLATE BELOW W/ NUT AND WASHER).
10. 3/4"Ø GALV. THREADED ROD FULL HEIGHT OF WALL W/ GALV. 1/8"x2"x2" PLATE WASHERS AND NUTS EA. END. RODS SHALL EXTEND FROM THE FOUNDATION TO THE TOP PLATE @ 4'-0" O.C MAX.
11. ROOF JOISTS @ 16" OC MAX.
12. (2)2x6 HEADER STUDS EACH SIDE OF OPENINGS W/(2)SIMPSON ST22 STRAPS AT HEADER AND (2)SPH6 TIES OR HOLDOWNS AT BOTTOM PLATE.
13. SIMPSON HD3B HOLDOWN (5/8"Ø GALV. THREADED ROD THRU WALL PLATE BELOW W/ NUT AND WASHER).
14. REFER TO S1.4 AND S1.6 FOR HEADER MEMBER SIZES.
15. (3)2x6 STUDS AT ENDS OF ALL EXTERIOR WALLS CONNECT TO BOTTOM PLATE W/ ST24 AT EACH STUD.
16. TOP PLATE ASSEMBLY: DOUBLE 2x6 AND BEVELED 4x6 TOP PLATE TO MATCH ROOF SLOPE. TOP PLATE ASSEMBLY SHALL BE CONNECTED WITH GALV. 1/2" DIA THREADED ROD WITH GALV. NUTS AND WASHERS @ 24" O.C.
17. 2x6 PRESSURE TREATED BOTTOM PLATE.
18. 2x FULL-DEPTH BLOCKING AT ALL SHEATHING EDGES.
19. 2x FULL-DEPTH BLOCKING @ ROOF JOISTS
20. ALL STRAPS AND METAL COMPONENTS SHALL BE GALVANIZED TO A G90 COATING THICKNESS UNLESS NOTED OTHERWISE.

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S3.4

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Suite 2900,
Mobile, Alabama 36602
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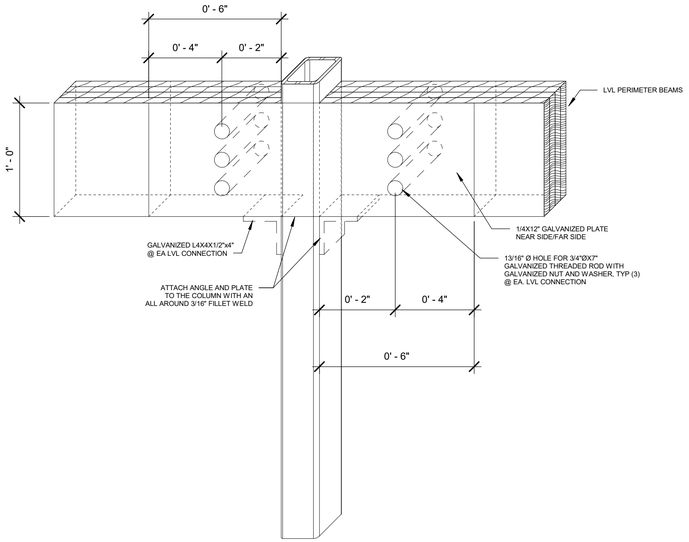
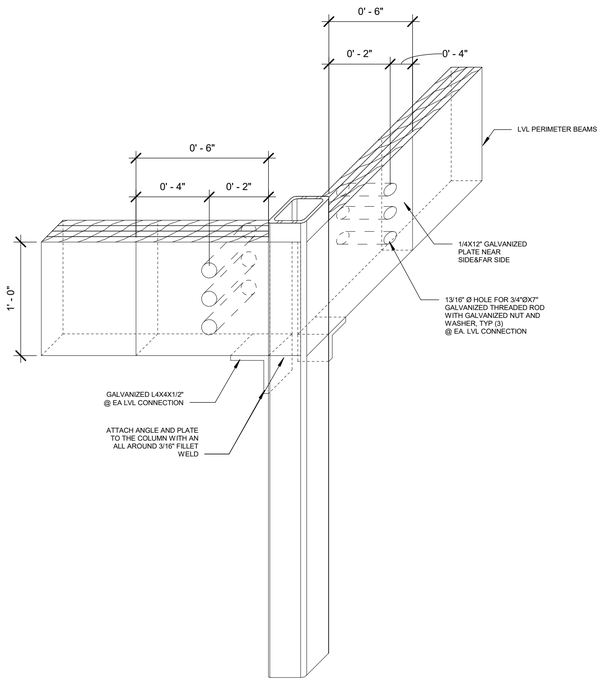
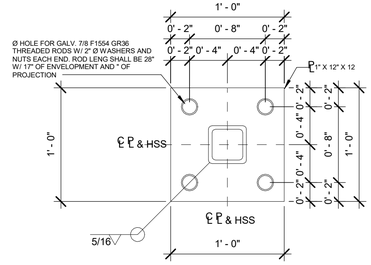


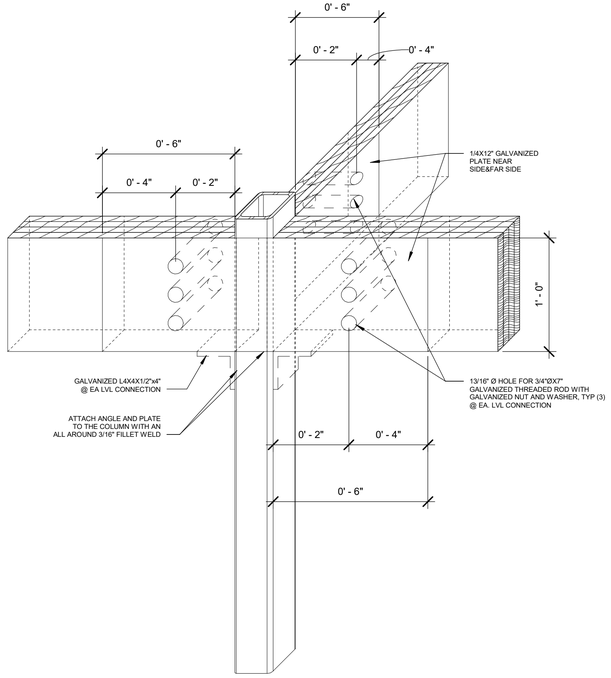
1 S3.5 — 2 BEAM CONNECTION
1 1/2" = 1'-0"



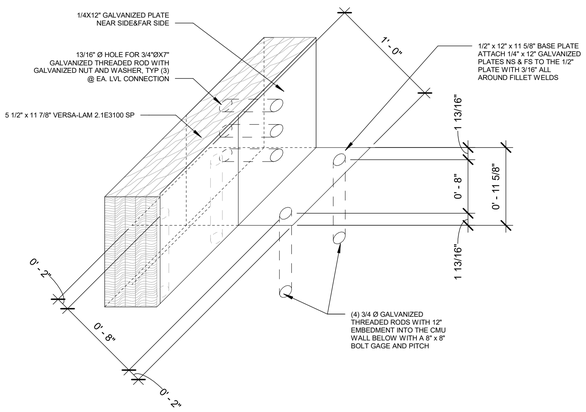
2 S3.5 — 2 BEAM 90 DEGREE CONNECTION
1 1/2" = 1'-0"



STEEL BASEPLATE PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



3 S3.5 — 3 BEAM T CONNECTION
1 1/2" = 1'-0"



4 S3.5 — BEAM TO CMU WALL CONNECTION
1 1/2" = 1'-0"

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Mobile, AL 36693

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

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S3.5

PLUMBING FIXTURE CONNECTION SCHEDULE

MARK #	FIXTURE TYPE	CONNECTIONS				REMARKS	NOTES
		WASTE	VENT	CW	HW		
P-1	FLUSH VALVE WATER CLOSET	3"	2"	1"	-	VIT. CHINA, WHITE, 15-1/4" HIGH WATER CLOSET EQUAL TO KOHLER K-96054. ELONGATED BOWL, TOP SPUD, FLOOR MOUNTED FLUSH VALVE TYPE, 1.6 GALLONS PER FLUSH, WITH OPEN FRONT SEAT WITHOUT COVER, AND SLOAN ROYAL 110 FLUSH VALVE.	
P-1A	FLUSH VALVE WATER CLOSET (HC)	3"	2"	1"	-	VIT. CHINA, WHITE, 16-7/8" HIGH WATER CLOSET EQUAL TO KOHLER K-96057. ELONGATED BOWL, TOP SPUD, FLOOR MOUNTED FLUSH VALVE TYPE, 1.6 GALLONS PER FLUSH, WITH OPEN FRONT SEAT WITHOUT COVER, AND SLOAN ROYAL 110 FLUSH VALVE.	(1)
P-2A	LAVATORY (HC)	3"	2"	1/2"	1/2"	VIT. CHINA, WHITE, WALL MOUNTED LAVATORY. EQUAL TO KOHLER MODEL K-12643-0. PROVIDE WITH SINGLE LEVER ADA FAUCET EQUAL TO DELTA 500 SERIES, POP UP P-TRAP, FLOOR MOUNTED CARRIER, FLEXIBLE SUPPLIES AND STOPS. PROVIDE WITH ASSE 1070 TEMPERATURE LIMITING VALVE SET FOR 105°F. INSTALL PER ADA REQUIREMENTS.	(1)
P-2B	WASH FOUNTAIN (HC)	3"	3"	3/4"	3/4"	STAINLESS STEEL CIRCULAR WASH FOUNTAIN EQUAL TO ACORN MODEL 3508, 8 STATION, 54" DIAMETER. PROVIDE WITH HAND OPERATED PUSH BUTTON, INTEGRAL SOAP DISPENSR, BOTTOM WATER SUPPLY AND VENT THROUGH SANITARY PIPING. PROVIDE WITH ASSE 1070 TEMPERATURE LIMITING MIXING VALVE SET FOR 105°F. INSTALL PER ADA REQUIREMENTS AND SPECIFIC MANUFACTURER'S RECOMMENDATIONS. PROVIDE WITH 3" STUDOR VENT.	(1) 2
P-3	JANITOR SINK	3"	2"	1/2"	1/2"	24"x24" FLOOR MOUNTED RECEPTOR WITH WALL MOUNTED FAUCET. EQUAL TO FIAT MODEL MSBIDTG2424. PROVIDE WITH CHICAGO 897 RCF FAUCET, MOP HANGER, STAINLESS STEEL GRATE, AND STAINLESS STEEL WALL GUARDS.	
P-5	KITCHEN HAND SINK	3"	2"	1/2"	1/2"	STAINLESS STEEL HAND SINK WITH SIDE SPLASH GUARDS. PROVIDE WITH BACKSLPASH MOUNTED FAUCET. EQUAL TO ADVANCE TABCO 7-PS-40. PROVIDE WITH P-TRAP, FLEXIBLE SUPPLIES, AND STOPS. INSTALL PER SPECIFIC MANUFACTURER'S RECOMMENDATIONS.	
1 P-6	WATER COOLER (HC)	2"	2"	1/2"	-	DUAL HEIGHT STAINLESS STEEL WATER COOLER WITH BOTTLE FILLER. PROVIDE WITH STAINLESS STEEL SPLASH PLATE, WALL HANGER, P-TRAP, FLEXIBLE SUPPLY, AND STOP. INSTALL PER ADA REQUIREMENTS. PROVIDE ELKAY LVRCTL8WSK.	
3-COMP	THREE COMPARTMENT SINK	2"	2"	1/2"	1/2"	THREE COMPARTMENT SINK WITHOUT SIDE BOARDS. PROVIDE WITH BACKSPLASH MOUNTED EXTENDED LENGTH FAUCET. SINK EQUAL TO ADVANCE TABCO 600 SERIES MODEL 6-3-54. PROVIDE WITH DRAIN STOP LEVER AND REMOVABLE BASKET STRAINERS.	
FS	FLOOR SINK	3"	2"	-	-	12"x12" FLOOR SINK EQUAL TO ZURN. PROVIDE WITH HALF GRATE.	
IMB	ICE MAKER BOX	-	-	1/2"	-	RECESSED ICE MAKER BOX EQUAL TO GUY GRAY BIM SERIES WITH 1/4 TURN STOP AND WATER HAMMER ARRESTOR.	
FD	FLOOR DRAIN	3"	2"	-	-	3" FLOOR DRAIN , ZURN 415 SERIES, WITH ROUND TOP BRASS GRATE. PROVIDE WITH "GREEN DRAIN" TRAP SEAL.	
MFD	FLOOR DRAIN MECHANICAL	3"	2"	-	-	8"x8"x6" DEEP FLOOR DRAIN EQUAL TO ZURN Z-1910 WITH 3/4 GRATE. PROVIDE WITH "GREEN DRAIN" TRAP SEAL.	
MV-1	MIXING VALVE	-	-	3/4"	3/4"	MIXING VALVE EQUAL TO SYMMONS 5-225-CK WITH INTERNAL CHECK VALVES. MINIMUM FLOW 0.5 GMP, MAXIMUM FLOW 5.5 GPM @ 10.0 PSI DROP. SET FOR 110°F.	
FPHB	FREEZE PROOF HOSE BIBB	-	-	3/4"	-	FREEZE PROOF HOSE BIBB WITH VACUUM BREAKER. PROVIDE AS RECESSED BOX TYPE WITH HINGED COVER. EQUAL TO J R SMITH 5518-5 SERIES WITH LOOSE KEY STOP.	

(1) HANDICAPPED FIXTURES SHALL BE INSTALLED PER THE LATEST REQUIREMENTS OF ADA.

ELECTRIC WATER HEATER SCHEDULE

MARK EWH	TANK CAPACITY (GALLONS)	MINIMUM EFFICIENCY	TEMPERATURE SETPOINT (F)	HEATING CAPACITY (KW)	VOLTS	Hz	PHASE	RECIRCULATED SYSTEM	NOTES
1	40	0.9	119	4.5	208	60	1	YES	1, 2, 3

NOTES	
1	COORDINATE ALL ELECTRICAL REQUIREMENTS WITH THE ELECTRICAL CONTRACTOR.
2	PROVIDE WITH EXPANSION TANK, HEAT TRAPS ON CONNECTIONS, T&P RELIEF VALVE, AUXILIARY DRAIN PAN, ISOLATION VALVES WITH DI-ELECTRIC UNIONS ON HOT AND COLD CONNECTIONS.
3	PROVIDE WITH MASTER MIXING VALVE AND RECIRCULATION PUMP. SEE DETAIL AND MANUFACTURERTS REQUIREMENTS FOR SPECIFIC PIPING REQUIREMENTS.

HOT WATER RECIRCULATION PUMP SCHEDULE

MARK RCP	CONTROL WITH	CAPACITY (GPM)	TOTAL HEAD (FT)	PUMP CONSTRUCTION	MOTOR (HP)	VOLTS	Hz	PHASE	NOTES
1	AQUASTAT	5	20	STAINLESS STEEL	1/5	120	60	1	1, 2, 3, 4

NOTES	
1	COORDINATE ALL ELECTRICAL REQUIREMENTS WITH THE ELECTRICAL CONTRACTOR.
2	PROVIDE WITH AQUASTAT WITH A TEMPERATURE SETPOINT OF 110°F.
3	PROVIDE WITH 24 HOUR TIME CLOCK. PUMP SHALL OPERATE DURING OCCUPIED HOURS, ELSE IT SHALL BE OFF.
4	PUMP SHALL BE SUITABLE FOR POTABLE WATER USE.

Smith Mechanical
Consulting & Design
ALABAMA CERTIFICATE OF AUTHORIZATION: CA-3717 E
61 St. Joseph Street
SUITE 1100
MOBILE, AL 36602
(251) 402-1364
ROGER J. SMITH, PE 24744
JOB # 23-043
roger@smitheng.us

GENERAL PLUMBING NOTES

1. THE CONTRACTOR SHALL EXECUTE ALL WORK SO THAT IT PROCEEDS WITH A MINIMUM INTERFERENCE WITH OTHER TRADES.
2. VERIFY EXACT PLUMBING FIXTURE ROUGH-IN AND FINAL HVAC EQUIPMENT REQUIREMENTS IN THE FIELD.
3. DRAIN, WASTE, AND VENT PIPING AND FITTINGS SHALL BE SCHEDULE 40 POLY VINYL CHLORIDE (PVC) SYSTEM "ASTM D 2665". NO FOAM CORE SHALL BE USED.
4. DOMESTIC WATER PIPING SHALL BE ASTM B 88, TYPE K, WITH ANSI B16.18 OR ANSI B16.22 SOLDER JOINT FITTINGS USING SILVER SOLDER AND FLUX CONTAINING NOT MORE THAN 0.2 PERCENT LEAD; OR WITH ANSI B16.26 FLARED JOINT FITTINGS. ASTM B 88, TYPE L MAY BE PROVIDED FOR ABOVEGROUND PIPING. SLEEVE SERVICE ENTRANCE AT SLAB. SEAL AROUND PIPING WATER PROOF. AT CONTRACTORS OPTION, UPANOR COLOR CODED PRE-INSULATED PEX PIPING WITH COMPOSITE FITTINGS IS ACCEPTABLE. NO SHARK BITE FITTINGS ALLOWED.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL CONNECTIONS TO PLUMBING FIXTURES. THIS RESPONSIBILITY INCLUDES, BUT IS NOT LIMITED TO, FURNISHING AND INSTALLING ALL TRAPS, DRAINS, AND SUPPLIES WITH STOPS. FURNISH AND INSTALL PLUMBING FIXTURES INDICATED OR SPECIFIED, COMPLETE WITH ALL EQUIPMENT, FITTINGS, TRIM AND ACCESSORIES INDICATED OR SPECIFIED. EXPOSED WATER PIPING TO FIXTURES SHALL BE CHROME-PLATED BRASS, IPS. ADJUST WATER FLOW THROUGH ALL FIXTURES TO PROVIDE PROPER FLUSHING ACTION WITH THE LEAST AMOUNT OF WATER.
6. COORDINATE ROUTING OF WATER SUPPLY, WASTE, AND VENT PIPING WITH OTHER TRADES.
7. THE PLUMBING CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR AND OTHER TRADES ALL REQUIRED OPENINGS AND EXCAVATIONS.
8. ALL ITEMS PROJECTING THROUGH THE ROOF SHALL BE FLASHED A MINIMUM OF 12" ABOVE THE ROOF. ALL VENTS SHALL BE A MINIMUM OF 10 FEET FROM ANY OUTSIDE AIR INTAKE.
9. FLOOR CLEANOUTS SHALL BE ADJUSTABLE HEIGHT POLISHED BRONZE, NICKEL BRONZE WITH "CO" CAST IN THE FLOOR PLATE.
10. PROVIDE STOPS AND WATER HAMMER ARRESTORS IN ACCORDANCE WITH PDI AND ASSE 1010. AN ACCESS PANEL MUST BE INSTALLED IF WATER HAMMER ARRESTER IS LOCATED INSIDE A WALL OR ABOVE A HARD CEILING. COORDINATE OPENINGS WITH ARCHITECT.
11. PROVIDE DIELECTRIC UNIONS AT ALL DISSIMILAR METAL CONNECTIONS.
12. INSULATE ALL WATER PIPING. DOMESTIC WATER PIPE NOT EXPOSED TO VIEW SHALL BE INSULATED WITH 1" THICK GLASS FIBER WITH FACTORY APPLIED UNIVERSAL JACKET. DENSITY SHALL BE 4 POUNDS PER CUBIC FOOT. FITTINGS SHALL BE INSULATED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. INSULATION VAPOR BARRIER SHALL BE LAPPED AND CEMENTED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. DOMESTIC WATER PIPE EXPOSED TO VIEW SHALL BE INSULATED SAME AS WHERE NOT EXPOSED TO VIEW, EXCEPT IT SHALL BE FINISHED WITH A SIZED UNIVERSAL JACKET SUITABLE FOR PAINTING. FITTING SHALL BE MADE OF "QUICKSET" CEMENT MOLDED TO FIT AND COVERED WITH 8 OZ. CANVAS AND FINISHED WITH WHITE VAPOR BARRIER CEMENT, AND HAVE PLASTIC MOLDED FITTING COVERS, INSULATE DOMESTIC WATER AND WASTE PIPING UNDER HANDICAP LAVATORIES AND SINKS USING "LAVGUARD2 E-Z SERIES" MOLDED VINYL PIPING COVERS. COVER ALL PIPING, FITTING, VALVES, AND TRAPS EXPOSED TO VIEW.
13. ROUTE ALL PIPING AS TO CAUSE MINIMAL INTERFERENCE FOR MAINTENANCE OF ALL EQUIPMENT. UNLESS OTHERWISE NOTED, ALL DOMESTIC WATER PIPING SHALL BE ROUTED WITHIN CHASE SPACE. PIPING BELOW SLAB SHALL BE WITHOUT JOINTS AND TEES. PIPING PASSING THRU WALLS EXTENDING TO BOTTOM OF STRUCTURE SHALL BE SLEEVED AND SEALED. ALL DOMESTIC WATER PIPING ROUTED EXPOSED BELOW 6'-8" ABOVE FINISH FLOOR SHALL BE PROVIDED WITH A PVC JACKET TO PREVENT DAMAGE TO THE PIPE.
14. PROVIDE SHUTOFF VALVE TO EACH SILLCOCK WITH VALVE IDENTIFICATION AS REQUIRED BY CODE.
15. BEFORE FINAL ACCEPTANCE OF THE WORK, TEST EACH SYSTEM AS IN SERVICE TO DEMONSTRATE COMPLIANCE WITH 2021 INTERNATIONAL PLUMBING CODE AND LOCAL CODE REQUIREMENTS. ONCE TEST ARE IN COMPLIANCE WITH CONTRACT REQUIREMENTS DISINFECT WATER SYSTEM IN ACCORDANCE WITH AWWA C651.
16. CONTRACTOR TO VERIFY ALL LOCATIONS OF ROOF PENETRATIONS WITH ARCHITECTURAL DRAWINGS.
17. PIPE HANGERS AND SUPPORTS SHALL BE MSS SP-58 AND MSS SP-69, TYPE 1 OR 6, OF THE ADJUSTABLE TYPE, EXCEPT AS INDICATED OTHERWISE. ATTACHMENTS TO STEEL W OR S BEAMS SHALL BE WITH TYPE 21, 28, 29, OR 30 CLAMPS. ATTACHMENTS TO STEEL ANGLES AND CHANNELS (WITH WEB VERTICAL) SHALL BE WITH TYPE 20 CLAMP WITH A BEAM CLAMP CHANNEL ADAPTER. ATTACHMENTS TO STEEL CHANNEL (WITH WEB HORIZONTAL) SHALL BE WITH DRILLED HOLE ON CENTERLINE AND DOUBLE NUT AND WASHER. ATTACHMENTS TO CONCRETE SHALL BE WITH TYPE 18 INSERT OR A DRILLED HOLE WITH EXPANSION ANCHOR. HANGER RODS AND ATTACHMENTS SHALL BE FULL SIZE OF THE HANGER-THREADED DIAMETER. PROVIDE TYPE 40 INSULATION PROTECTION SHIELDS FOR INSULATED PIPING. PROVIDE STEEL SUPPORT RODS. PROVIDE NONMETALLIC, HAIR FELT, OR PLASTIC PIPING ISOLATORS BETWEEN COPPER TUBING AND THE HANGERS.
18. LABEL ALL WATER SERVICE VALVES IN ACCORDANCE WITH APPLICABLE CODES
19. COORDINATE EXACT FLOOR DRAIN LOCATIONS ARCHITECTURAL DRAWINGS. SLOPE ENTIRE ROOM TO DRAINS.
20. ALL TRAP PRIMER VALVES NOT LOCATED IN NORMALLY UNOCCUPIED SPACES SHALL BE MOUNTED ABOVE THE CEILING AND PROVIDED WITH A LABEL ON THE CEILING GRID TO INDICATE THE TRAP PRIMER LOCATION. NO TRAP PRIMERS SHALL BE INSTALLED EXPOSED IN NORMALLY OCCUPIED SPACES.
21. ROUTE SANITARY PIPING AS HIGH AS POSSIBLE TO AVOID CONFLICT WITH FOOTERS AND TO MAINTAIN ABILITY TO GRAVITY DISCHARGE INTO CITY SEWER. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY THE EXACT LOCATION OF THE NEW SANITARY SEWER LATERAL AND ENSURE WASTE PIPING IS INSTALLED TO PROVIDE A GRAVITY DISCHARGE INTO THE CITY MAIN.
22. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL ASSOCIATED WASTE AND WATER TAP FEES ASSOCIATED WITH THIS PROJECT. ALL FEES ARE TO BE INCLUDED IN THE CONSTRUCTION COST.
23. ALL WORK INSTALLED SHALL MEET THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION, THE 2021 INTERNATIONAL PLUMBING CODE, AND THE 2015 INTERNATIONAL ENERGY CONSERVATION CODE.

1 11-7-24 ADDENDUM #4
2 11-22-24 ADDENDUM #7

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ARCHITECTURAL DRAWINGS FOR:
CITY OF MOBILE - MIMM'S FACILITIES
Mobile, AL

SCALE: AS NOTED

ALABAMA LICENSED No. 24744 PROFESSIONAL ENGINEER ROGER J. SMITH
10/15/2024

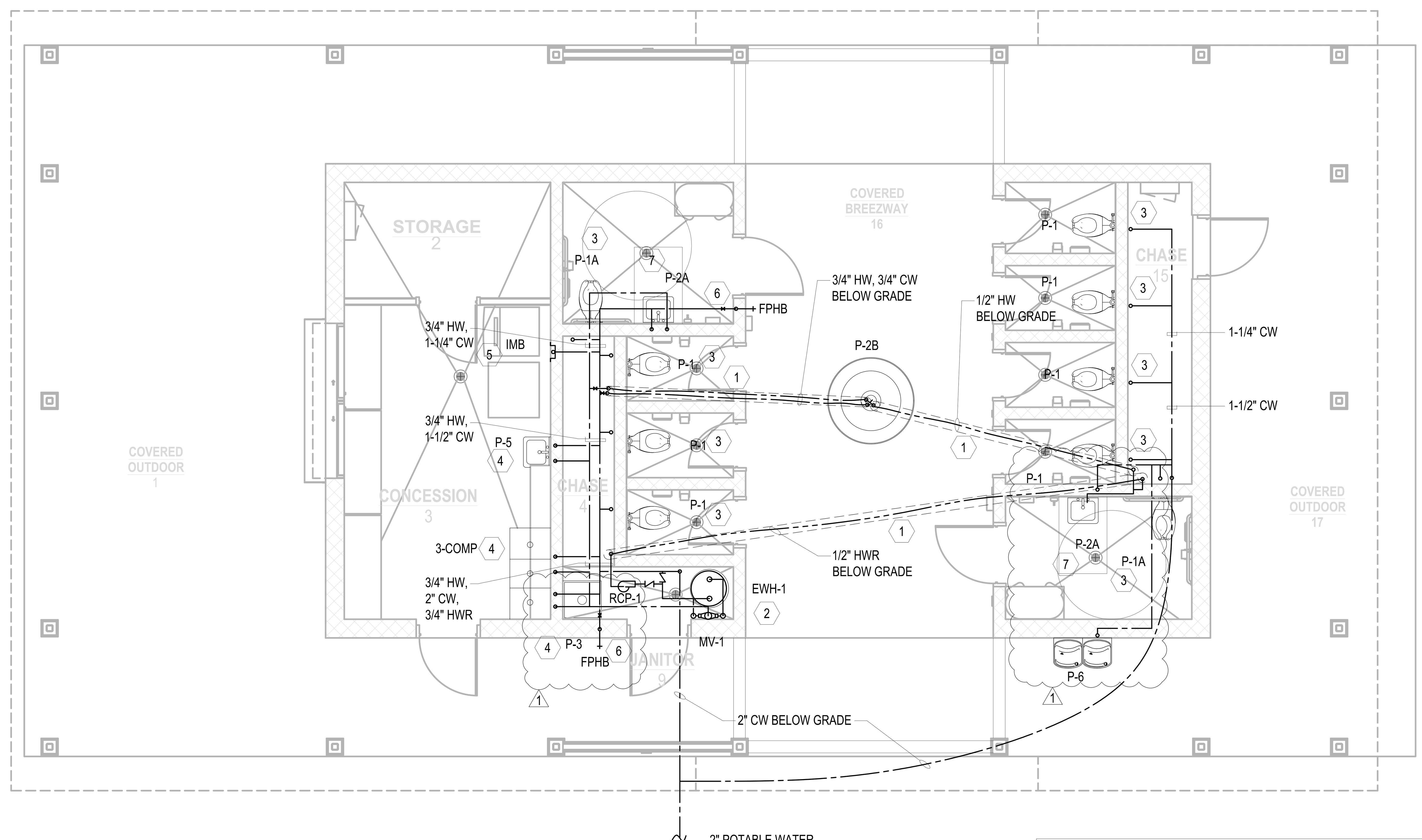
DATE: 10/15/2024

P1.0

Smith Mechanical
Consulting & Design
ALABAMA CERTIFICATE OF AUTHORIZATION: CA-3717 E
61 St. Joseph Street
SUITE 1100
MOBILE, AL 36602
(251) 402-1364
ROGER J. SMITH, PE 24744
JOB # 23-043
roger@smitheng.us

SHEET NOTES

1. WATER PIPING INSTALLED BELOW THE SLAB SHALL BE INSTALLED IN A SCHEDULE 40 PVC SLEEVE, MINIMUM 6"Ø. WATER PIPING INSTALLED BELOW THE SLAB IN THE SLEEVE SHALL BE INSULATED WITH 1" THICK INSULATION. PROTECT SLEEVE TO PREVENT WATER INTRUSION AND INSULATION SATURATION. SEAL AROUND OPEN ENDS OF SLEEVES WEATHER PROOF.
2. 2" CW SERVICE UP INSIDE MECHANICAL ROOM, PROVIDE ISOLATION SHUT OFF VALVE IN RISE 24" AFF.
3. 1" CW DOWN FOR CONNECTION TO WATER CLOSET.
4. 1/2" HW/CW DOWN FOR CONNECTION TO SINK.
5. 1/2" CW DOWN FOR CONNECTION TO ICE MAKER BOX.
6. 3/4" CW DOWN FOR CONNECTION TO FREEZE PROOF HOSE BIBB. PROVIDE ISOLATION VALVE IN BRANCH ADJACENT TO TURN DOWN.
7. 1/2" HW/CW/HWR FOR CONNECTION TO LAVATORY.



2" POTABLE WATER. REFERENCE CIVIL PLANS FOR CONTINUATION TO METER AND BACKFLOW PREVENTER.

PIPING SHOWN IN THE PLUMBING CHASES IS FOR CLARITY. IT IS EXPECTED THE PIPING SHALL BE ROUTED ALONG THE INSIDE FACE OF THE PLUMBING CHASE BEHIND THE FIXTURES. PIPING SHALL BE SECURED TO THE WALL WITH UNISTRUT. ALL PIPING ROUTED WITHIN THE CHASE SPACE SHALL ROUTE AS TIGHT TO THE WALL AS POSSIBLE TO MAXIMIZE MAINTENANCE ACCESS SPACE.

N

1 PLUMBING PLAN

4' 0' 4' 8'

SCALE: 1/4"=1'-0"

1 11-7-24 ADDENDUM #4

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SUITE 1100
MOBILE, AL 36602
(251) 402-1364
ROGER J. SMITH, PE 24744
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SHEET NOTES

1. 3" SANITARY WASTE FOR ISLAND WASH FOUNTAIN. PROVIDE WITH AIR ADMITTANCE VALVE AT WASH FOUNTAIN.

GREASE INTERCEPTOR CALCULATIONS

Quote: 891BC1CA

Reference No. 74689 — Project Name: Mimm's Park Concession

Step 1: Flow rate to grease interceptor

Fixture flow rate: (cu in / 231) = gal x 0.75 / 2 min = 2 min flow rate

NAME	TYPE	DIMENSIONS	QTY	CU IN	FLOW RATE
3 Compartment Sink	3 Compartment Sink	21" x 21" x 14" (3)	1	18,522	30.07 GPM
Floor Drain	Floor Drain	N/A	1	N/A	0 GPM
Floor Sink	Floor Sink	N/A	1	N/A	0 GPM
Hand Sink	Hand Sink	10" x 14" x 5"	1	700	1.14 GPM
Total					**31.2 GPM**

Step 2: Grease Production

Servings per day x Grease production value x Days between pump-outs = Grease output

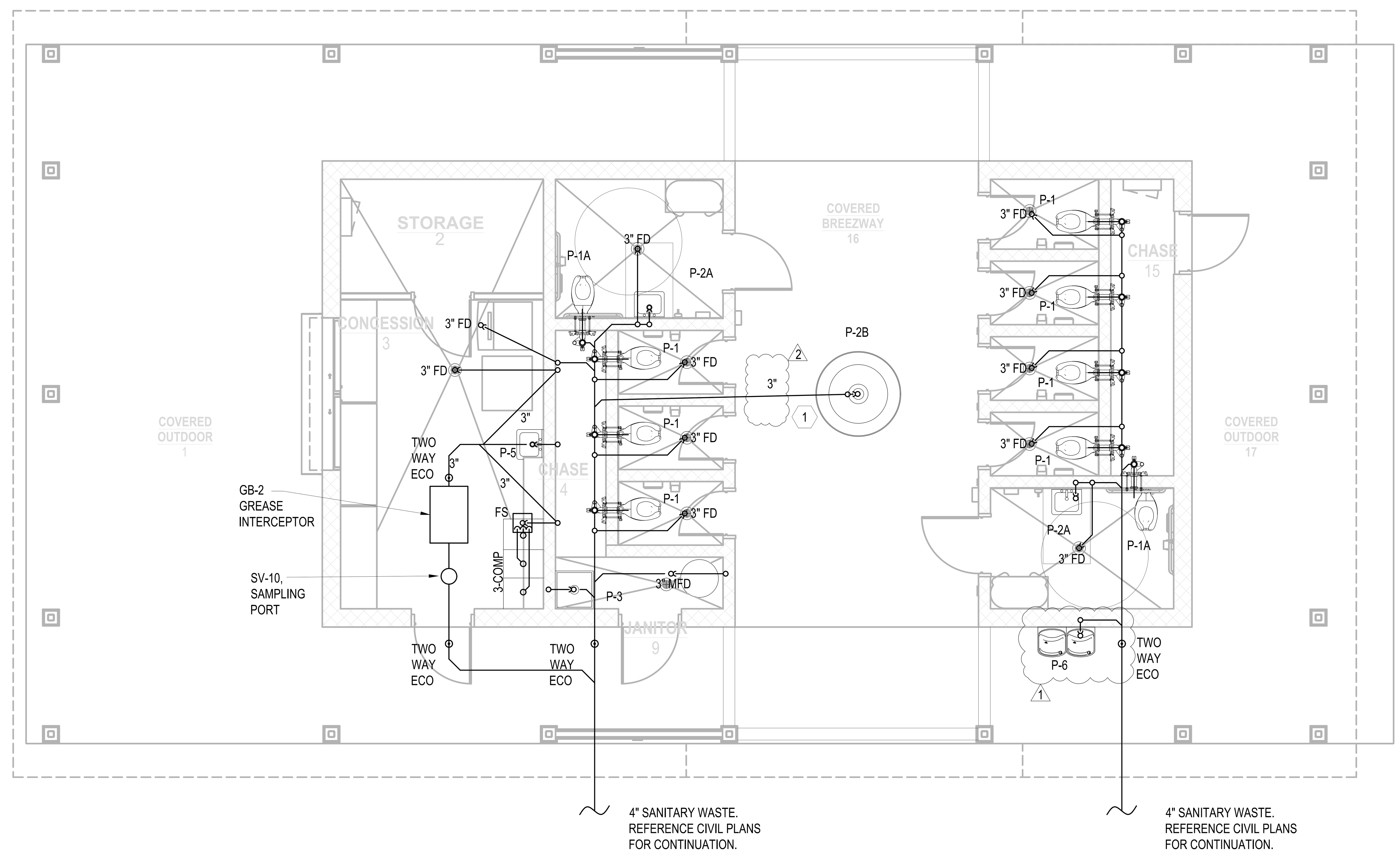
Servings per day: 100
Grease production value: 0.005 lbs per serving (Snack Bar: Low / No flatware)
Days between pump-outs: 90 days

100 x 0.005 x 90 = 45 lbs of FOG

SCHIER MODEL	
GB2	**Description:** GREASE INTERCEPTOR 35 GPM / 50 GPM, 4" FPT CONNECTIONS W/ 3" AND 4" PLAIN END ADAPTERS, PEDESTRIAN RATED POLYPROPYLENE COVER **Dimensions:** Length: 35", Width: 23", Height: 13.75" **Flow Rate/Grease Capacity:** 35 GPM / 130 lbs **Liquid Capacity:** 20 gal

Specification Note: This Great Basin model has been sized to the flow rate and grease production requirements of the application and may not be substituted by liquid capacity alone. Any substitution requests must be approved by the specifying engineer and the authority having jurisdiction.

Please contact support@schierproducts.com for technical and procurement support for the specified Great Basin model.



N

1 SANITARY WASTE PLAN
4' 0' 4' 8'
SCALE: 1/4"=1'-0"

1 11-7-24 ADDENDUM #4
2 11-22-24 ADDENDUM #7

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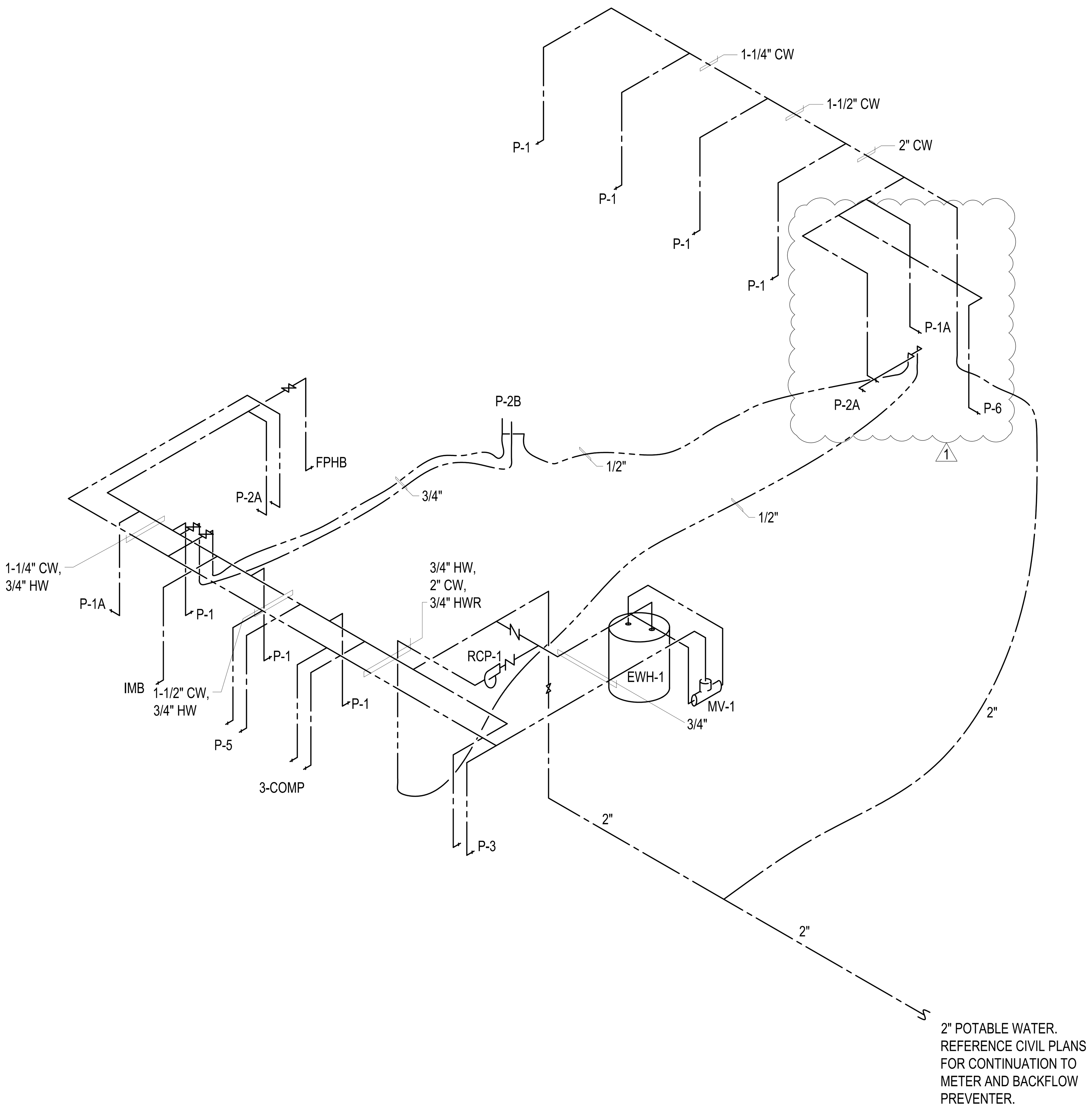
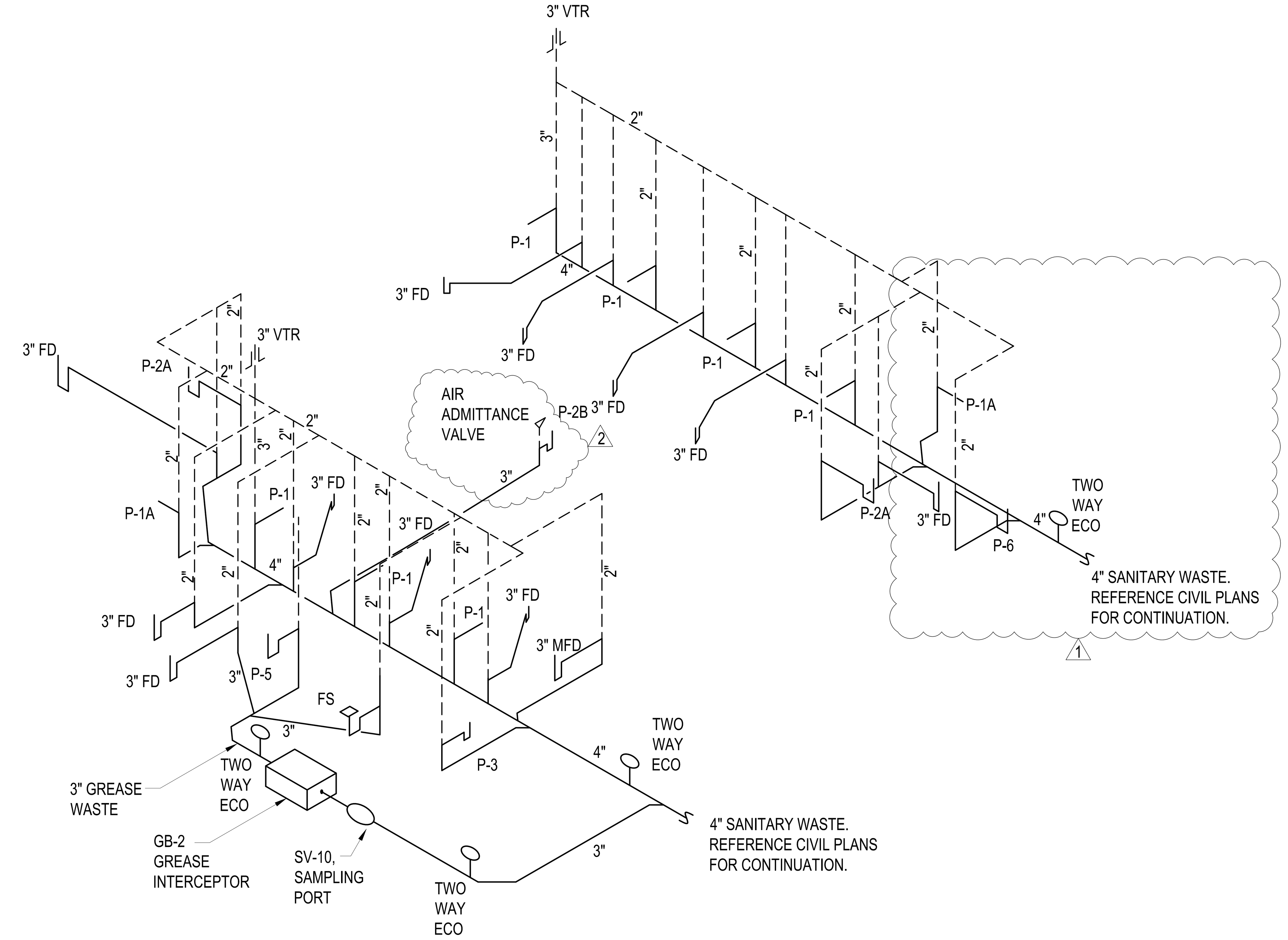


2 PLUMBING RISER
NOT TO SCALE



1 SANITARY WASTE RISER
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Consulting & Design
ALABAMA CERTIFICATE OF AUTHORIZATION: CA-3717 E
61 St. Joseph Street
SUITE 1100
MOBILE, AL 36602
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JOB # 23-043
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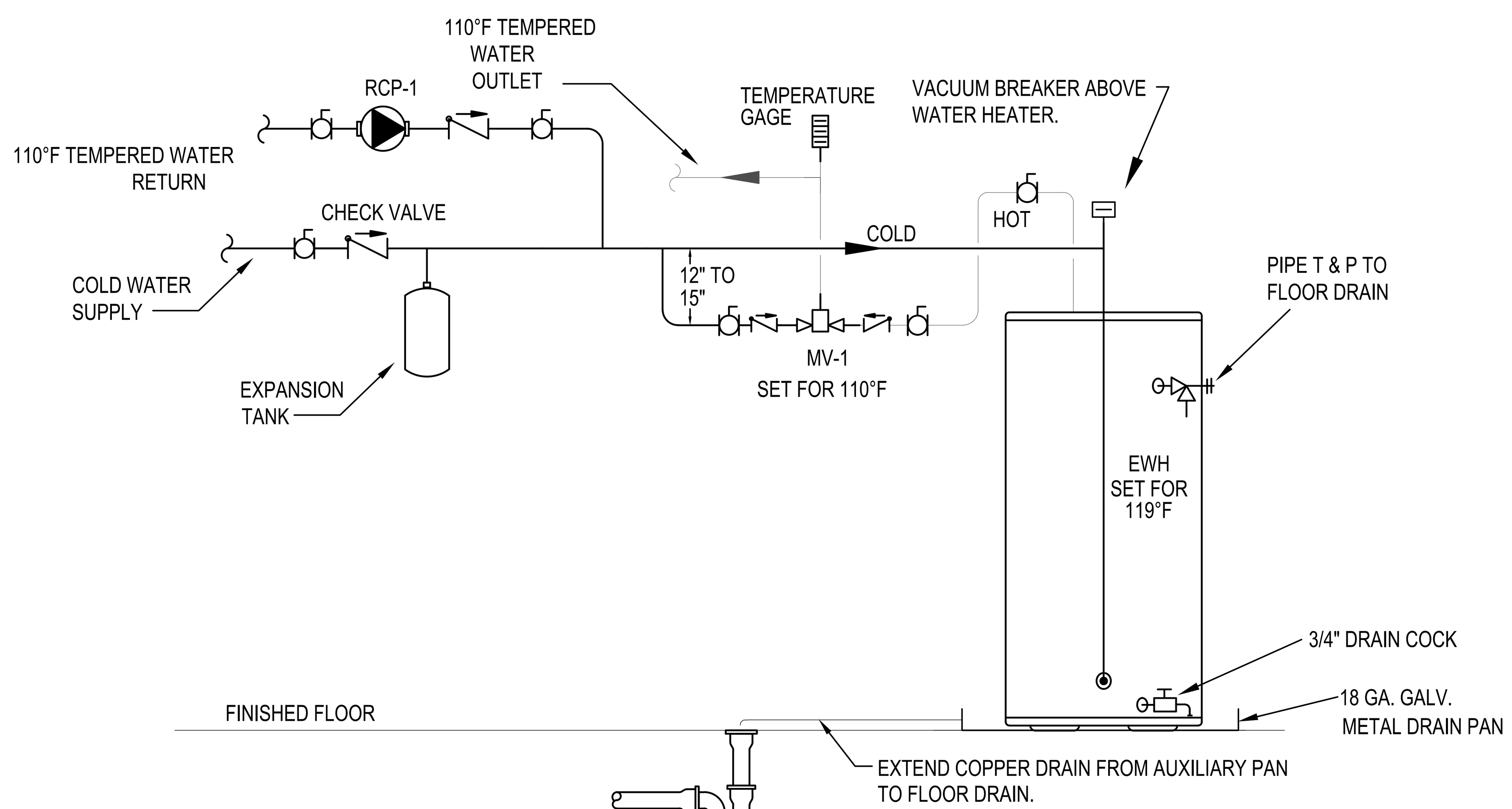
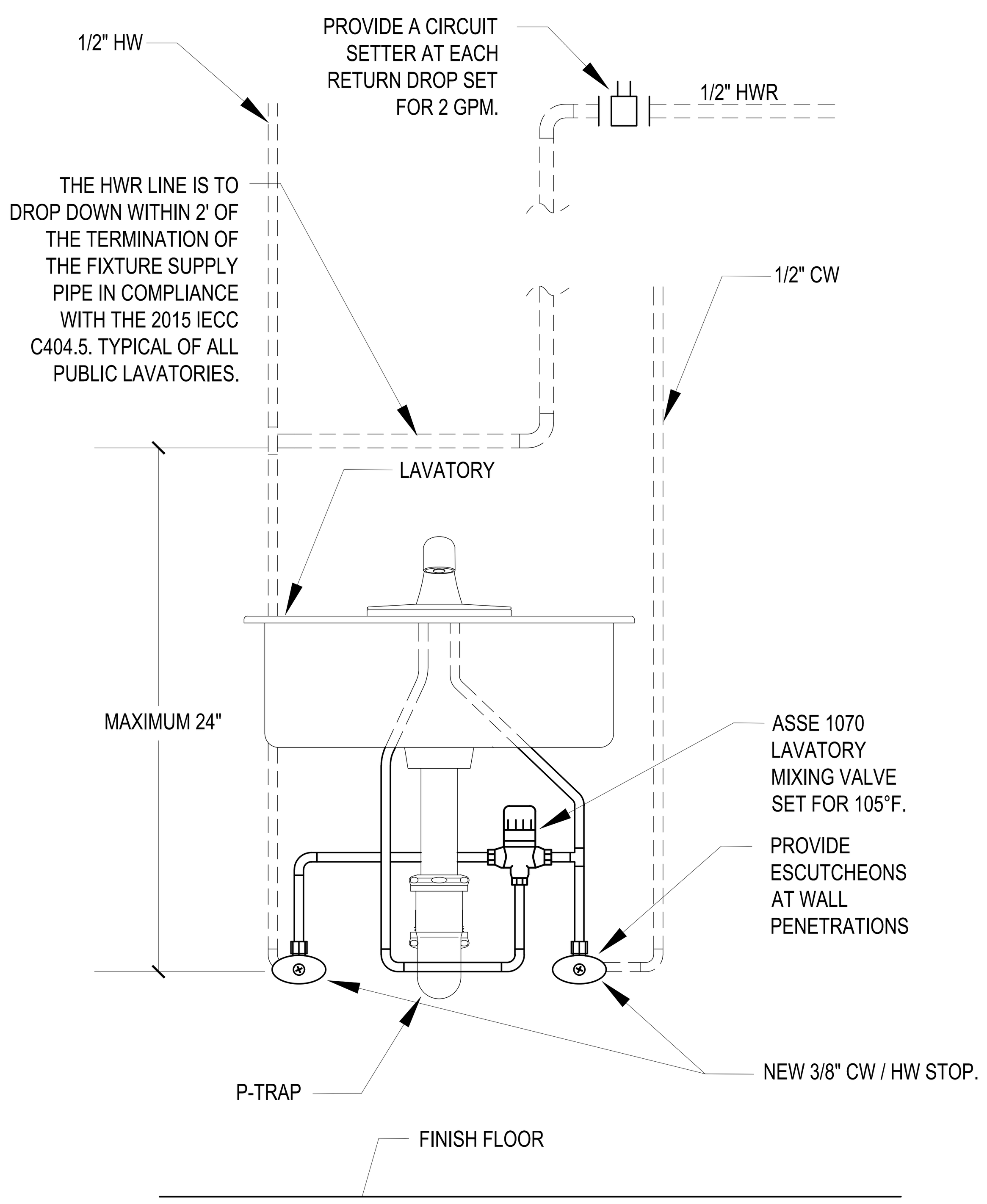
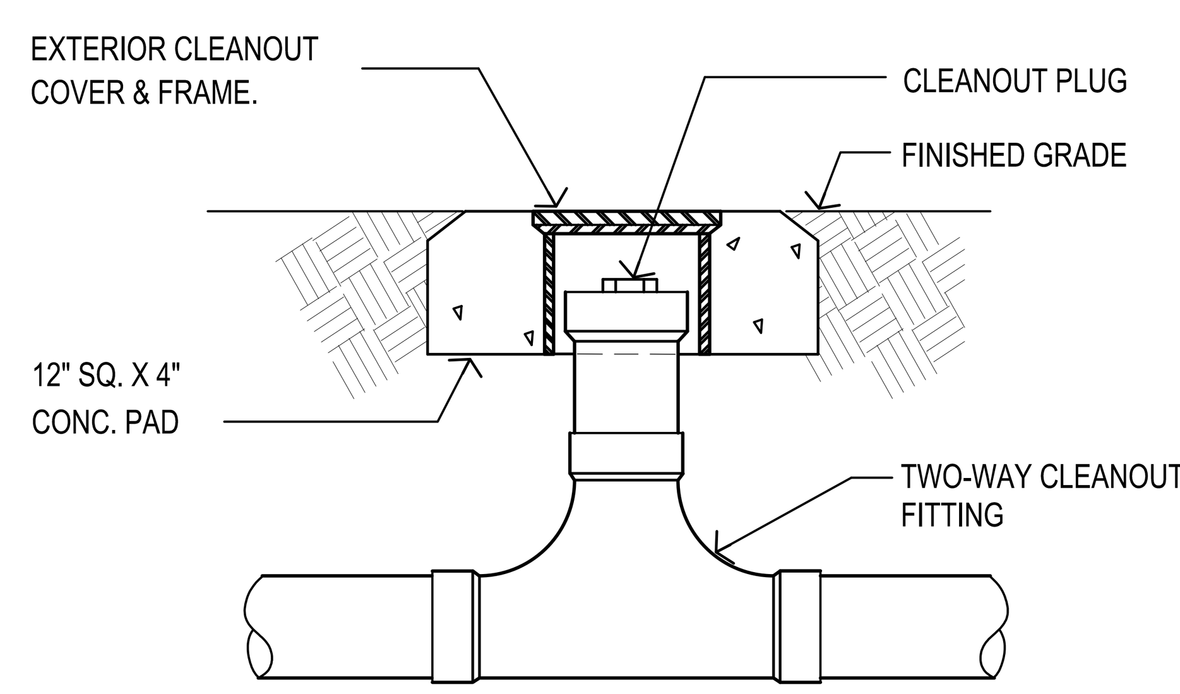


NOTES:
1. PIPING DIAGRAM. SEE MANUFACTURERS RECOMMENDATIONS FOR ADDITIONAL INFORMATION.
2. THE TEMPERATURE AND PRESSURE RELIEF VALVE SETTING SHALL NOT EXCEED PRESSURE RATING OF ANY ANY COMPONENT IN THE SYSTEM.
3. SERVICE VALVES ARE SHOWN FOR SERVICING UNIT. HOWEVER, LOCAL CODES SHALL GOVERN THEIR USAGE.

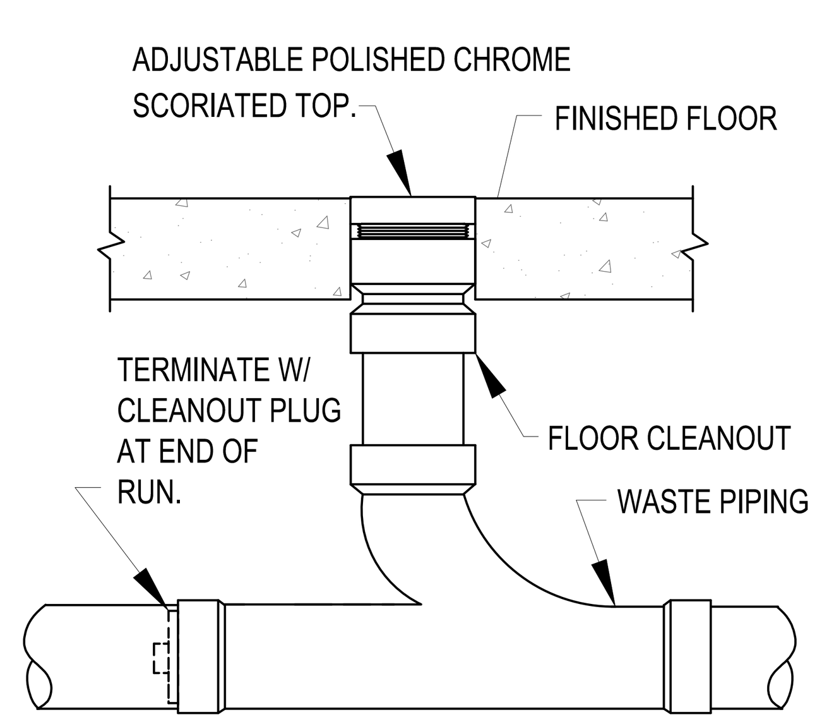
1 WATER HEATER PIPING DIAGRAM
NOT TO SCALE



2 LAVATORY MIXING VALVE DETAIL
NOT TO SCALE

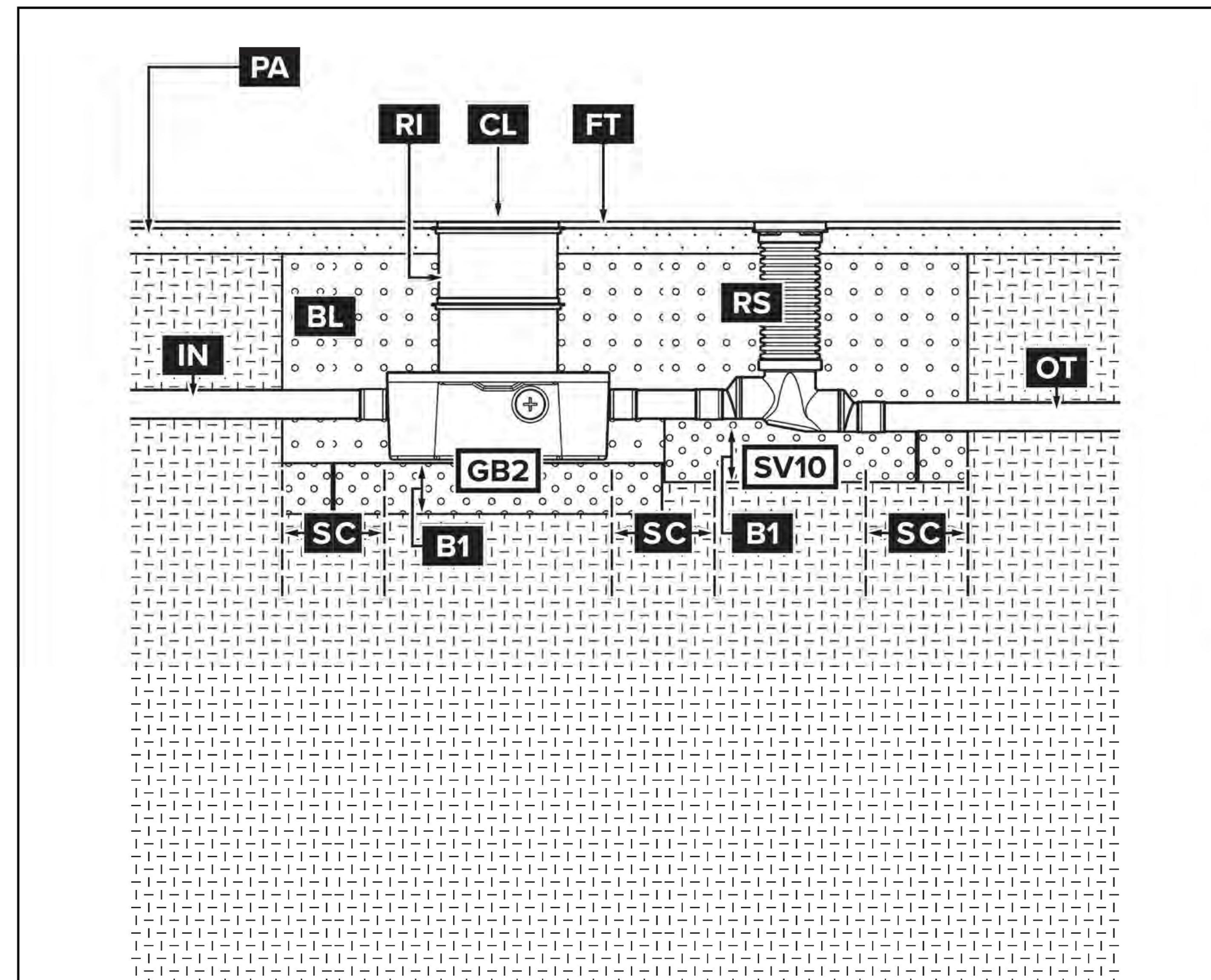


3 TWO-WAY CLEANOUT DETAIL
NOT TO SCALE



4 FLOOR CLEANOUT DETAIL
NOT TO SCALE

Quote: 891BC1CA



B1 6" minimum compacted base (clean aggregate 3/4" in size or smaller)
BL Backfill (clean aggregate 3/4" in size or smaller) - DO NOT COMPACT BACKFILL MECHANICALLY
CL Pedestrian rated bolted polypropylene cover
FT Floor Tile
IN 4" diameter inlet pipe
OT 4" diameter outlet pipe
PA Minimum 4" thick concrete pad with rebar required for pedestrian traffic or greenspace areas. Concrete to be 28 day compressive strength to 4,000 PSI.
RI FCR1 field cut riser to grade
RS FCR10 field cut riser to grade
SC 12" clear all sides

DETAIL Mimm's Park Concession — Indoors, Below Grade

GB2 GREASE INTERCEPTOR 35 GPM / 50 GPM, 4" FPT CONNECTIONS W/ 3" AND 4" PLAIN END ADAPTERS, PEDESTRIAN RATED POLYPROPYLENE COVER
SV10 SEWER VIEWER SAMPLING PORT, 4" CONNECTIONS (FIELD MODIFIABLE TO 6"), POLYETHELENE COVER

Disclaimer: this Detail represents manufacturer directed guidance regarding the grease interceptor system. The contents of this document are not a substitute for local jurisdiction requirements and plumbing code standards. Please follow all local ordinances when installing.

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GREASE INTERCEPTORS
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5 GREASE INTERCEPTOR DETAIL
NOT TO SCALE

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Smith Mechanical
Consulting & Design
ALABAMA CERTIFICATE OF AUTHORIZATION: CA-3717 E
61 St. Joseph Street
SUITE 1100
MOBILE, AL 36602
(251) 402-1364
ROGER J. SMITH, PE 24744
JOB # 23-043
roger@smitheng.us

FAN SCHEDULE

MARK FAN	AIR FLOW (CFM)	STATIC PRESSURE (in of H20)	DRIVE TYPE	FAN TYPE	FAN SERVICE	INTERLOCK WITH	MAXIMUM RPM	MAXIMUM SONES	MOTOR		ELECTRICAL DATA			NOTES
									WATTS	HORSE POWER	VOLTS	Hz	PHASE	
EF-1	70	0.25	DIRECT	CEILING	RESTROOMS	LIGHTS	1,200	3.0	89	N/A	120	60	1	1, 2, 3

NOTES	
1	COORDINATE ALL ELECTRICAL REQUIREMENTS WITH THE ELECTRICAL CONTRACTOR.
2	PROVIDE FAN WITH SOLID STATE SPEED CONTROLLER. CONTROLLER SHALL BE LOCATED ABOVE THE CEILING ADJACENT TO THE FAN. PROVIDE FAN WITH MOTION SENSOR AND DELAY ON BREAK RELAY. SET RELAY FOR FAN TO REMAIN OPERATIONAL FOR 30 MINUTES AFTER SPACE BECOMES UNOCCUPIED.
3	EXTEND RIGID EXHAUST DUCT TO ROOF MOUNTED DISCHARGE HOOD. SEE PLAN FOR ADDITIONAL INFORMATION.

DUCTLESS SPLIT HEAT PUMP UNIT SCHEDULE

MARK DSSHPU/ DSSAH/	AIR DATA	COOLING CAPACITY (AT AHRI STANDARD 210/240)				COMPRESSOR RLA	MINIMUM SEER	ELECTRICAL DATA					NOTES
	TOTAL (CFM)	EDB (°F)	EWB (°F)	AMBIENT (°F)	TOTAL BTUH			VOLTS	Hz	PHASE	MCA (AMPS)	MOCP (AMPS)	
1	286	80	67	95	9,000	4.5	16.5	230	60	1	18.8	30	1,2,3,4

NOTES	
1	COORDINATE ALL ELECTRICAL REQUIREMENTS WITH THE ELECTRICAL CONTRACTOR.
2	PROVIDE UNIT AS A SINGLE POINT POWER CONNECTION TO THE OUTDOOR UNIT. POWER TO INDOOR UNIT IS SUPPLIED FROM THE OUTDOOR UNIT. PROVIDE MOTOR RATED TWO POLE SWITCH AT INDOOR UNIT FOR DISCONNECT.
3	PROVIDE UNIT WITH REMOTE WALL MOUNTED TYPE THERMOSTAT. PROVIDE WITH INTEGRAL CONDENSATE PUMP. EXTEND INSULATED SCH 40 PVC CONDENSATE DRAIN FROM UNIT TO JANITOR'S SINK FOR DISPOSAL.
4	BASIS OF DESIGN CARRIER 38MHRC09/40MMHC09 SERIES. INDOOR UNIT IS TO BE SURFACE MOUNTED ON THE WALL AS HIGH AS POSSIBLE.

HVAC GENERAL NOTES:

1. INSTALL ALL WORK IN COMPLIANCE WITH THE LOCAL AUTHORITY HAVING JURISDICTION, THE 2021 INTERNATIONAL MECHANICAL CODE, AND THE 2015 INTERNATIONAL ENERGY CONSERVATION CODE.
2. COORDINATE ALL ELECTRICAL REQUIREMENTS WITH THE ELECTRICAL CONTRACTOR PRIOR TO BEGINNING ANY WORK.
3. INSTALL OUTDOOR UNITS ON A FACTORY FABRICATED WALL MOUNTING BRACKET.
4. DUCT CONSTRUCTION SHALL BE PER THE LATEST REQUIREMENTS OF NFPA 90A AND 90B, SMACNA AND ASHRAE AND SHALL MEET OR EXCEED THEIR REQUIREMENTS FOR SUPPORT AND REINFORCEMENT.
5. REFRIGERANT SUCTION LINES SHALL BE INSULATED WITH FLEXIBLE ELASTOMERIC INSULATION WITH A MINIMUM THICKNESS OF 0.5". ALL INSULATION INSTALLED AT BUILDING EXTERIOR SHALL BE PAINTED WITH TWO COATS OF WHITE UV PROTECTIVE PAINT. REFRIGERANT PIPING SHALL BE INSTALLED PER SPECIFIC MANUFACTURER'S REQUIREMENTS.
6. BRANCH SUPPLY AND RETURN DUCT RUNOUTS SHALL BE GALVANIZED SNAP-LOCK WITH ALL JOINTS AND SEAMS SEALED WITH MASTIC. TRAVERSE JOINTS SHALL BE CONNECTED WITH SHEET METAL SCREWS MINIMUM 6" ON CENTER. ALL GALVANIZED DUCT SHALL BE INSULATED WITH 2" THICK, 1 POUND DENSITY WRAP INSULATION. INSULATION TO BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
7. FLEXIBLE DUCT TO SUPPLY GRILLES SHALL NOT EXCEED 8'-0". ROUTE EXTERNALLY INSULATED RIGID SNAP LOCK DUCT TO WITHIN 8'-0" OF GRILLE.
8. EQUIPMENT PROVIDED AND INSTALLED ON THIS PROJECT SHALL MEET OR EXCEED THE MINIMUM EFFICIENCY REQUIREMENTS INDICATED IN THE SCHEDULE.
9. DUCT CONSTRUCTION SHALL BE G-90 GALVANIZED SHEET METAL. DUCT SEALING SHALL BE CLASS "A", ALL JOINTS, SEAMS, AND PENETRATIONS SHALL BE BRUSHED WITH 2 COATS OF WATER BASED MASTIC. THE DUCT SEAL SHALL MEET OR EXCEED PRESSURE CLASS 2".
10. ALL SHEET METAL DUCT SHALL BE EXTERNALLY INSULATED WITH 2" THICK, MINIMUM R-6.0 DUCT WRAP WITH AN FSK JACKET. JOINTS AND SEAMS SHALL OVERLAP 2" AND SHALL BE STAPLED AT 6" ON CENTER. ALL INSULATION JACKET JOINTS AND SEAMS SHALL BE SEALED WITH PRESSURE SENSITIVE TAPE. INSULATION APPLIED TO DUCT DIMENSIONS GREATER THAN 24" SHALL BE SECURED ON THE BOTTOM OF THE DUCT WITH MECHANICAL FASTENERS AT 18" ON CENTER.
11. THE MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR AND OTHER TRADES ALL REQUIRED OPENINGS IN WALLS, FOUNDATIONS, FLOORS, AND ROOFS. CONTRACTOR SHALL INSTALL LOUVERS PER MANUFACTURERS RECOMMENDATIONS AND DETAILS INDICATED ON THE ARCHITECTURAL PLANS.
12. ALL OUTSIDE AIR INLETS SHALL BE LOCATED A MINIMUM OF 10 FEET FROM ANY EXHAUST AIR OUTLET OR PLUMBING VENT STACK. COORDINATE WITH THE PLUMBING DRAWINGS AND WITH THE PLUMBING AND GENERAL CONTRACTORS IN THE FIELD.
13. THE MECHANICAL CONTRACTOR SHALL VERIFY ALL MECHANICAL EQUIPMENT LOCATIONS AND BE RESPONSIBLE FOR ALL RELATED CLEARANCES IN THE FIELD. PROVIDE CLEARANCE IN FRONT OF ALL ELECTRICAL PANELS PER NATIONAL ELECTRIC CODE REQUIREMENTS. DUCT SHALL NOT ROUTE OVER ELECTRICAL PANELS.
14. OFFSET AND TRANSITION DUCT AS NECESSARY TO AVOID STRUCTURAL MEMBERS OR EQUIPMENT CONNECTION SIZES. PROVIDE FLEXIBLE DUCT CONNECTORS ON ALL DUCT CONNECTION TO MOTORIZED EQUIPMENT.

COM*check* Software Version COMcheckWeb

Mechanical Compliance Certificate

Project Information

Energy Code:	2015 IECC
Project Title:	Mimms Park
Location:	Mobile, Alabama
Climate Zone:	2a
Project Type:	New Construction

Construction Site: Owner/Agent: Designer/Contractor:

Additional Efficiency Package(s)

Credits: 1.0 Required 0.0 Proposed

Mechanical Systems List

Quantity	System Type & Description
1	DSSHP/DSSAHU-1 (Single Zone): Split System Heat Pump Heating Mode: Capacity = 10 kBtu/h, Proposed Efficiency = 8.20 HSPF, Required Efficiency = 8.20 HSPF Cooling Mode: Capacity = 9 kBtu/h, Proposed Efficiency = 16.50 SEER, Required Efficiency = 14.00 SEER Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00

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 COM*check* Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Roger J. Smith, PE
Name - Title Signature Date

Project Title: Mimms Park Report date: 02/29/24
Data filename:

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SHEET NOTES

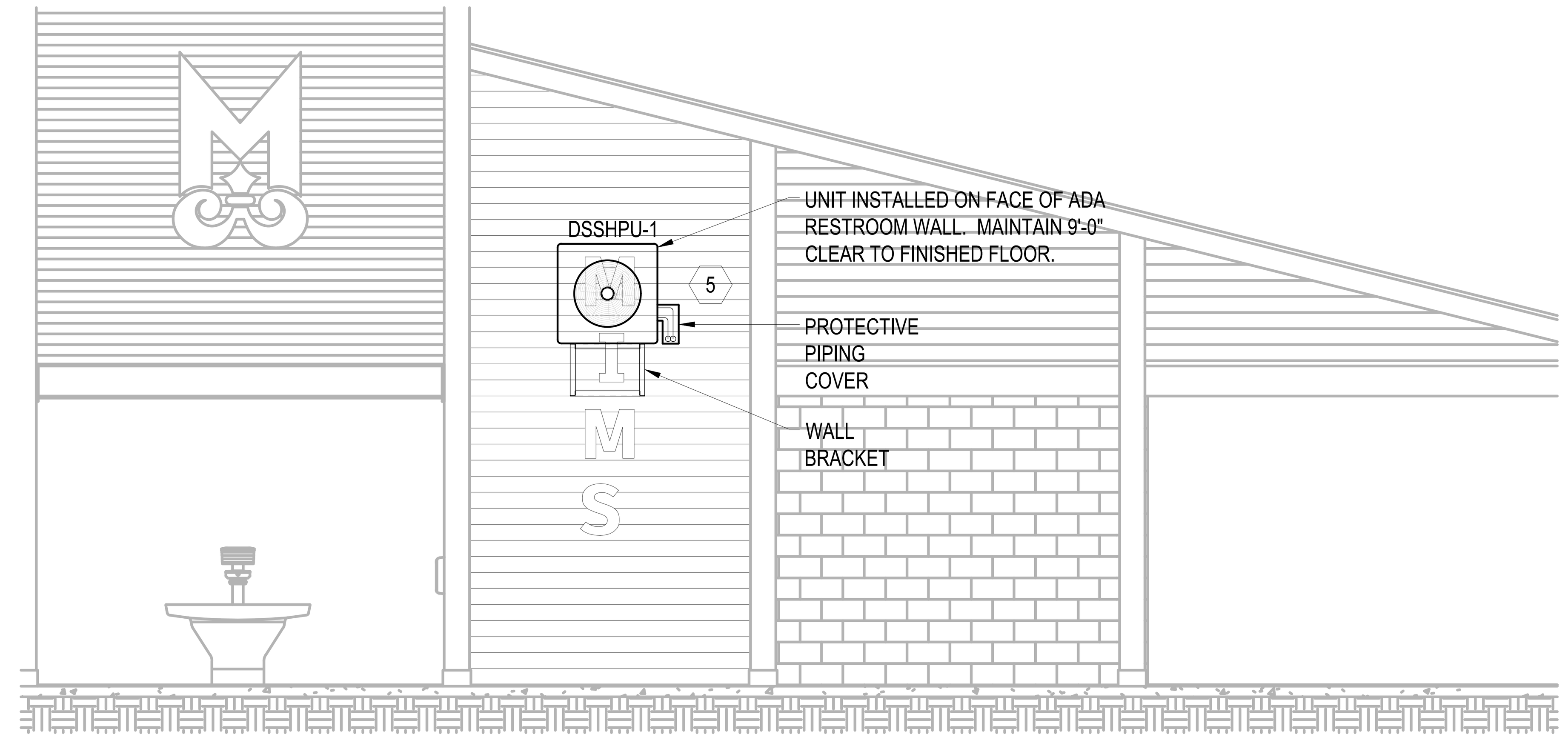
1. INSTALL INDOOR UNIT AS HIGH AS POSSIBLE ABOVE DOORWAY. EXTEND PUMPED, INSULATED, RIGID CONDENSATE DRAIN PIPING TO JANITOR'S SINK FOR DISPOSAL.

2. EXTEND EXHAUST DUCT FROM FAN, EF-1, AS INDICATED FOR CONNECTION TO EXHAUST DISCHARGE TRUNK DUCT. EXHAUST FANS ARE POWERED FROM THE LIGHTING CIRCUIT THAT IS ON A TIMER. THE FANS SHALL BE PROVIDED WITH A MOTION SENSOR. AS THE TOILET ROOM IS OCCUPIED, THE FAN SHALL ENERGIZE. PROVIDE THE FAN WITH A DELAY ON BREAK RELAY FOR THE FAN TO REMAIN RUNNING FOR 30 MINUTES AFTER OCCUPANCY.

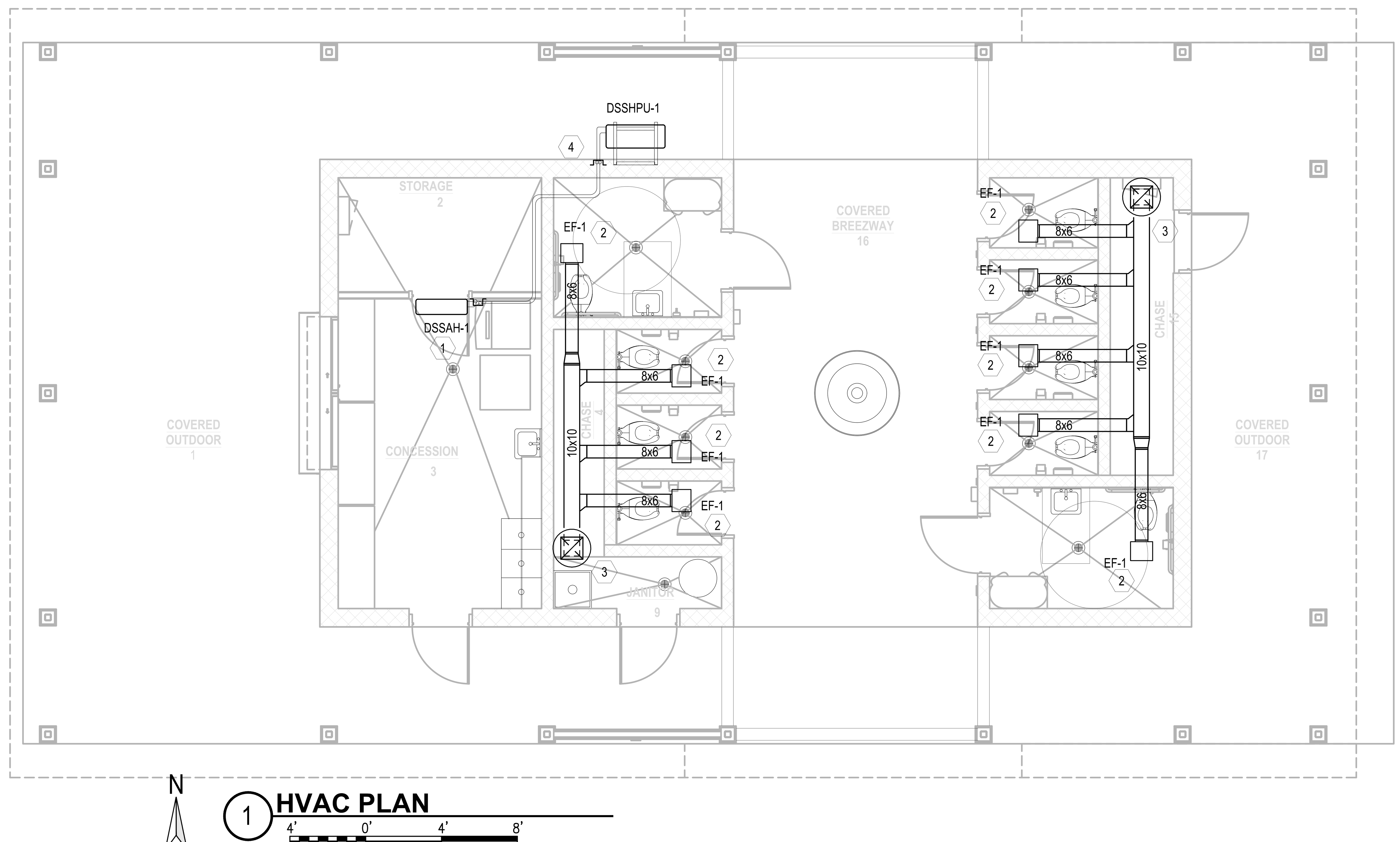
3. EXTEND EXHAUST TRUNK DUCT UP THROUGH ROOF FOR CONNECTION TO LOW SILHOUETTE DISCHARGE CAP. DISCHARGE CAP SHALL BE EQUAL TO COOK MODEL "PR" SIZE 12. TRANSITION DUCT FROM INDICATED SIZE TO FULL SIZE OF VENTILATOR CONNECTION. PROVIDE WITH ROOF CURB. SECURE CURB TO THE BUILDING STRUCTURE AND THE VENTILATOR TO THE CURB TO MEET THE LOCAL WIND LOADING REQUIREMENTS INDICATED ON THE ARCHITECTURAL PLANS AND SPECIFICATIONS.

4. REFRIGERANT PIPING SHALL PENETRATE EXTERIOR WALL ADJACENT TO UNIT. PROVIDE PROTECTIVE COVER AT PENETRATION, SEE DETAIL FOR ADDITIONAL INFORMATION. CONTINUE PIPING TO BUILDING INTERIOR AND ROUTE UP ALONG INSIDE OF WALL TO A POINT ABOVE THE CEILING. CONTINUE PIPING TO A POINT ABOVE THE INDOOR UNIT. TURN DOWN FOR CONNECTION TO INDOOR UNIT. PROVIDE PROTECTIVE ALUMINUM COVER OVER PIPING AT THE BUILDING INTERIOR AS IT RISES TO ABOVE THE CEILING ADJACENT TO THE INDOOR UNIT.

5. OUTDOOR UNIT TO BE INSTALLED ON A FACTORY FABRICATED WALL BRACKET. INSTALL UNIT TO PROVIDE A CLEARANCE OF 9'-0" FROM THE BOTTOM OF THE BRACKET/UNIT ASSEMBLY TO THE FINISHED FLOOR. INSTALL ASSEMBLY PER SPECIFIC MANUFACTURER'S RECOMMENDATIONS. SECURE UNIT AND BRACKET TO THE WALL PER SPECIFIC MANUFACTURER'S RECOMMENDATIONS.



2 HVAC ELEVATION PLAN
4' 0' 4' 8'
SCALE: 1/4"=1'-0"



1 HVAC PLAN
4' 0' 4' 8'
SCALE: 1/4"=1'-0"

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Landscape Architecture
www.cpladesignplanning.com

ARCHITECTURAL DRAWINGS FOR:
CITY OF MOBILE - MIMM'S FACILITIES
Mobile, AL

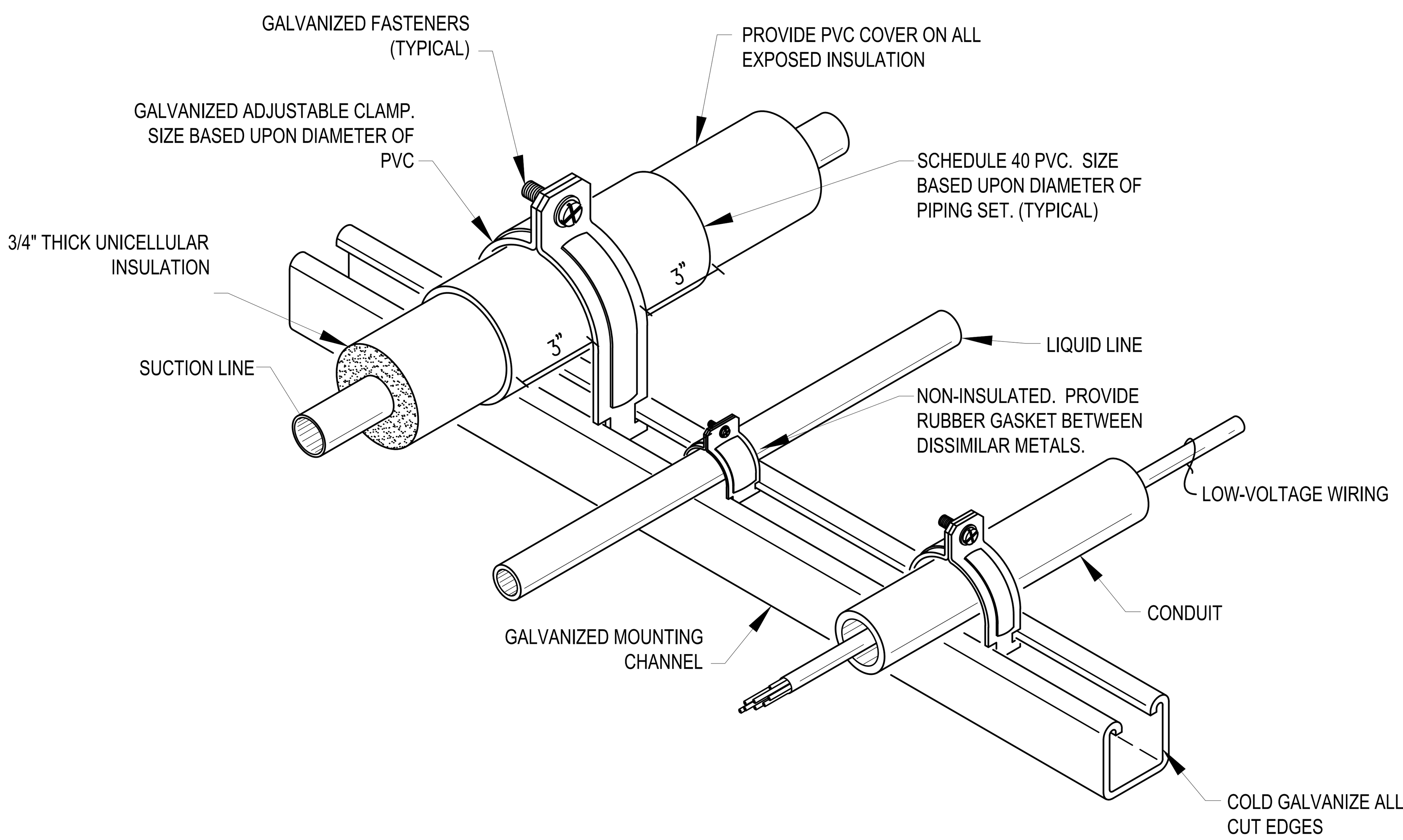
SCALE: AS NOTED

ALABAMA LICENSED No. 24744 PROFESSIONAL ENGINEER ROGER J. SMITH
10/15/2024

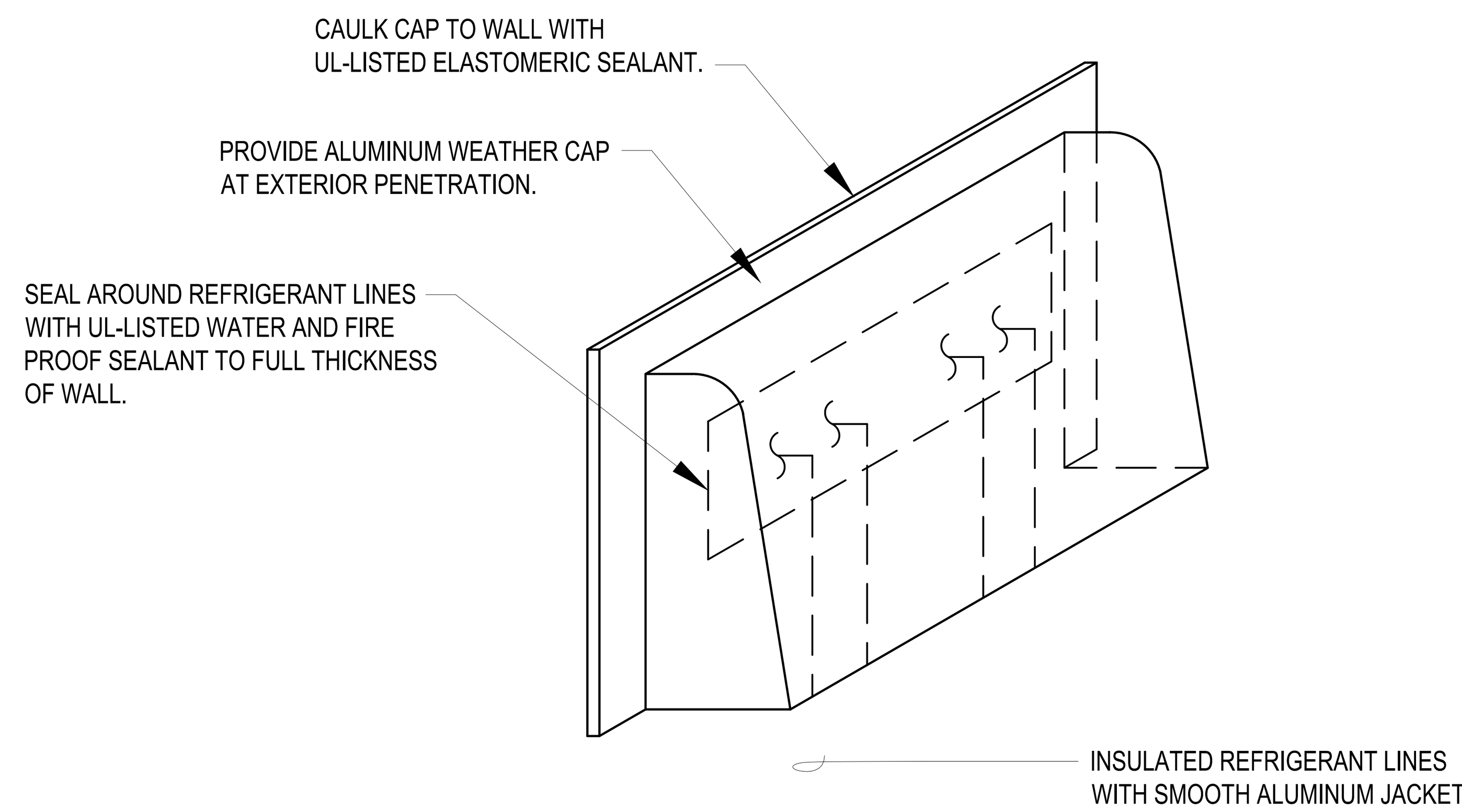
DATE: 10/15/2024

M2.0

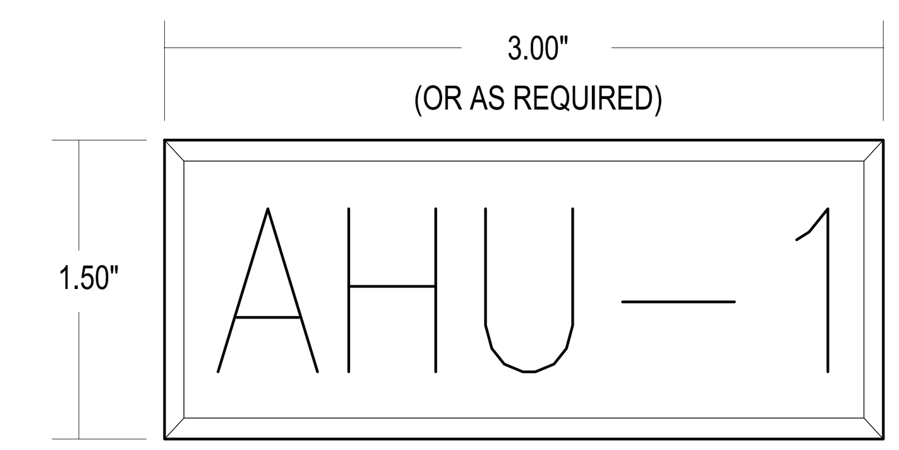
Smith Mechanical
Consulting & Design
ALABAMA CERTIFICATE OF AUTHORIZATION: CA-3717 E
61 St. Joseph Street
SUITE 1100
MOBILE, AL 36602
(251) 402-1364
ROGER J. SMITH, PE 24744
JOB # 23-043
roger@smitheng.us



1 REFRIGERANT PIPE MOUNTING DETAIL
NOT TO SCALE

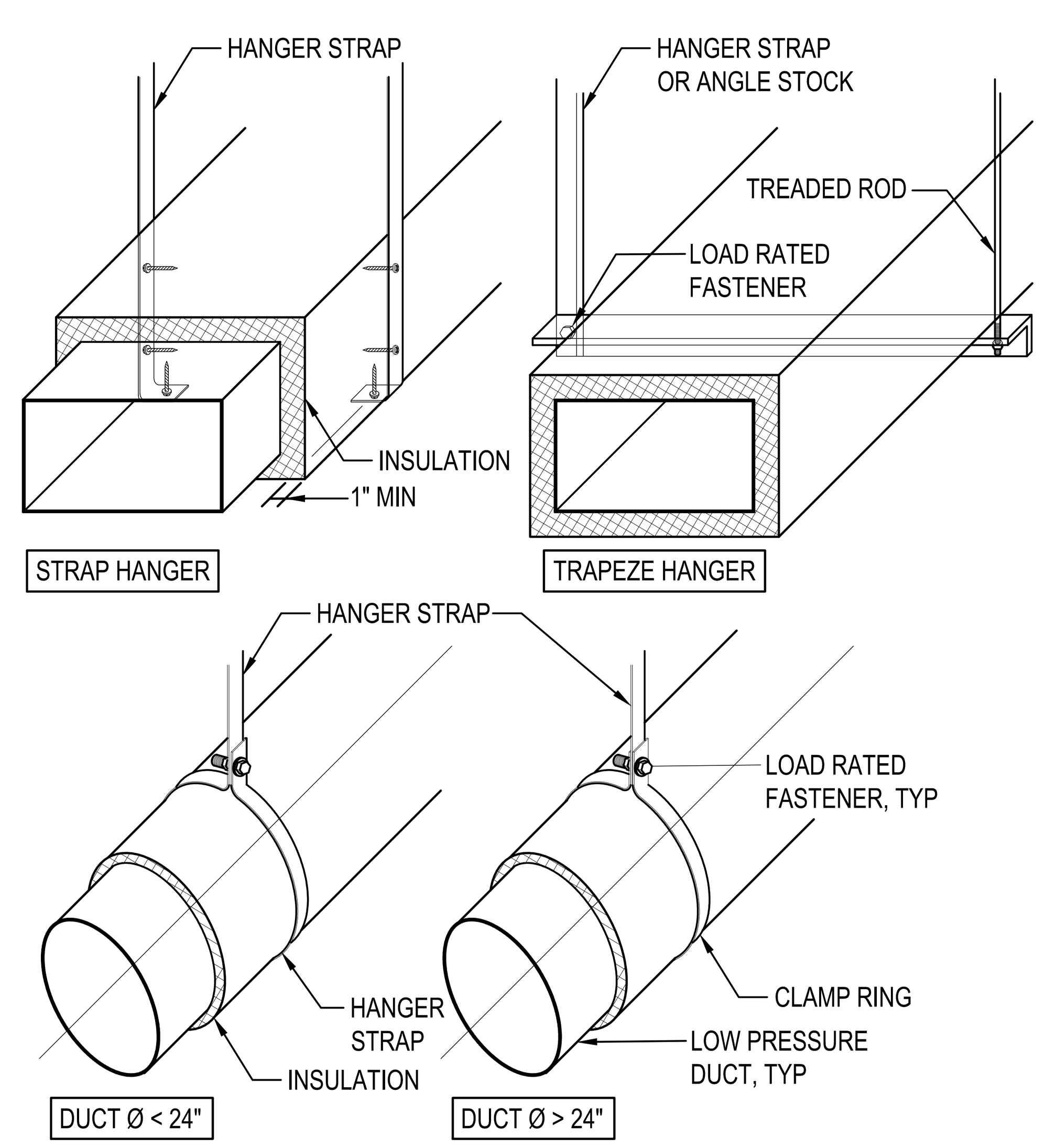


2 TYPICAL ALUMINUM WEATHER CAP DETAIL
NOT TO SCALE

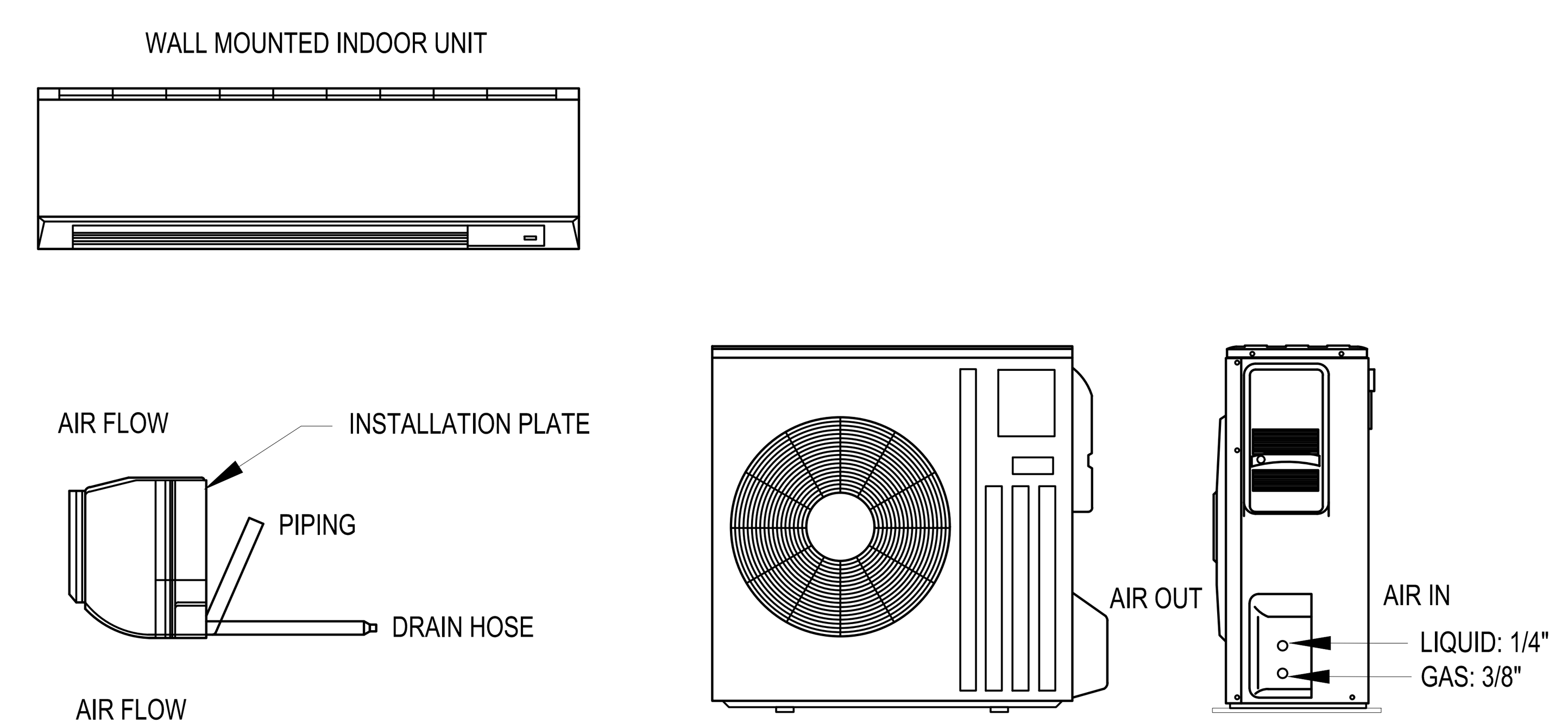


ENGRAVED PLASTIC TAG WITH 1" HIGH WHITE LETTERS ON BLACK BACKGROUND. TAG SHALL HAVE ALL EDGES BEVELED AND SMOOTH. SECURE TAG WITH PERMANENT, WATERPROOF DOUBLE SIDED TAG TAPE AT VISIBLE LOCATION ON MECHANICAL EQUIPMENT. LABEL ALL INDOOR AND OUTDOOR UNITS WITH NOTATION SHOWN ON PLANS.

3 TYPICAL ENGRAVED TAG DETAIL
NOT TO SCALE



4 DUCT HANGER DETAIL
NOT TO SCALE



NOTE: PROVIDE A WALL MOUNTING BRACKET AT OUTDOOR UNIT.
PROVIDE CONDENSATE PUMP AT DSSAH AS NOTED ON DWG.

5 TYPICAL MINI SPLIT AHU & CONDENSING UNIT DETAIL
NOT TO SCALE

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ARCHITECTURAL DRAWINGS FOR:
CITY OF MOBILE - MIMM'S FACILITIES
Mobile, AL

SCALE: AS NOTED

ALABAMA LICENSED No. 24744 PROFESSIONAL ENGINEER ROGER J. SMITH
10/15/2024

DATE: 10/15/2024

M3.0

REFERENCE NOTES SCHEDULE

CODE	DESCRIPTION	QTY	DETAIL							
01 General										
01-01	ADA PARKING SIGN	7	9/H200							
01-02	ADA PARKING - SEAL COAT & RE-STRIPE PER ALDOT STANDARDS	2 197 SF	8/H200							
CODE	DESCRIPTION	QTY	DETAIL	CONCRETE THICKNESS	MATERIAL MIX	FINISH	REINFORCEMENT	CONTROL JOINT	EXPANSION JOINT	ADDITIVES
03 Concrete										
03-02	NEW CONCRETE PAVING	3 930 SF	1/MH200	4"	4000 PSI	PER DETAIL	PER DETAIL	PER DETAIL	PER DETAIL	N/A
03-04	CONCRETE CURB	99 LF		8" CURB	4000 PSI	PER DETAIL	PER DETAIL	PER DETAIL	PER DETAIL	N/A
03-06	NEW CONCRETE PAVING (ALTERNATE)	1 258 SF	1/MH200	4"	4000 PSI	PER DETAIL	PER DETAIL	PER DETAIL	PER DETAIL	
03-08	CONCRETE CHEEK WALL	7 LF	7/H200	PER DETAIL	3500 PSI	SMOOTH TROWEL	PER DETAIL	PER DETAIL	PER DETAIL	N/A
03-09	CAST-IN-PLACE STAIRS	16 LF	7/H200	PER DETAIL	PER DETAIL	LIGHT BROOM	PER DETAIL	PER DETAIL	PER DETAIL	N/A
CODE	DESCRIPTION	QTY	DETAIL							
Site Furnishings										
S-101	CONCRETE BENCH (CIP)	4	11/H200							
S-103	REMOVABLE BOLLARD	1	12/H200							

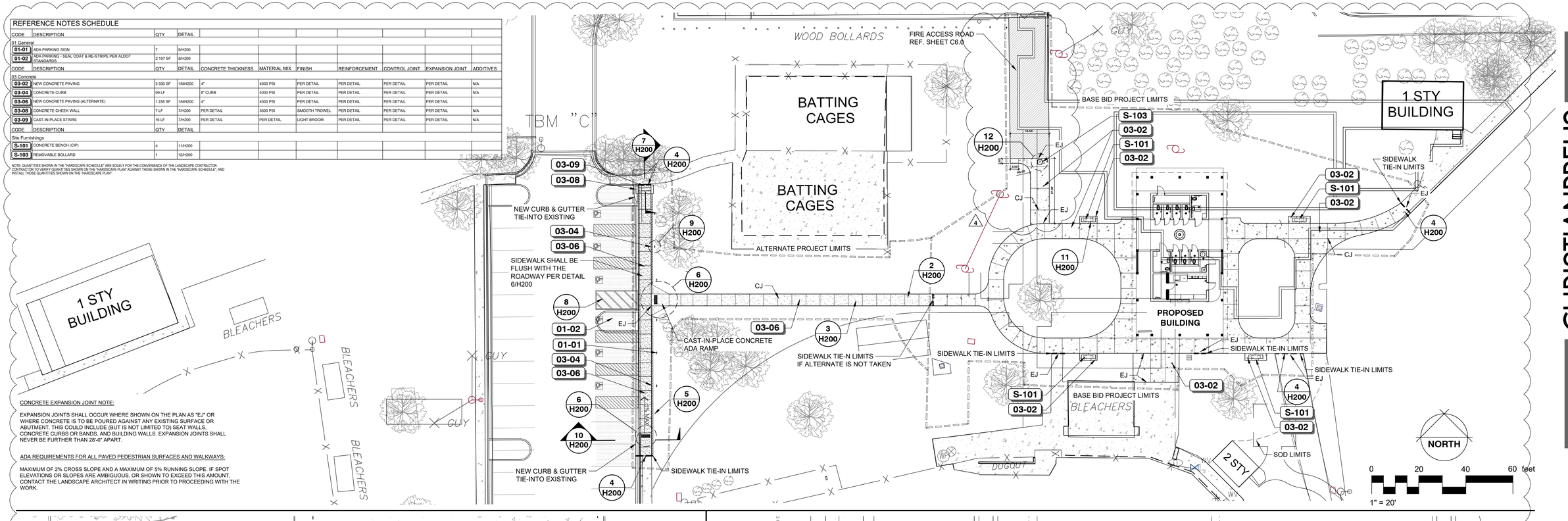
NOTE: QUANTITIES SHOWN IN THE "HARDSCAPE SCHEDULE" ARE SOLELY FOR THE CONVENIENCE OF THE LANDSCAPE CONTRACTOR. CONTRACTOR TO VERIFY QUANTITIES SHOWN ON THE "HARDSCAPE PLAN" AGAINST THOSE SHOWN IN THE "HARDSCAPE SCHEDULE", AND INSTALL THOSE QUANTITIES SHOWN ON THE "HARDSCAPE PLAN".

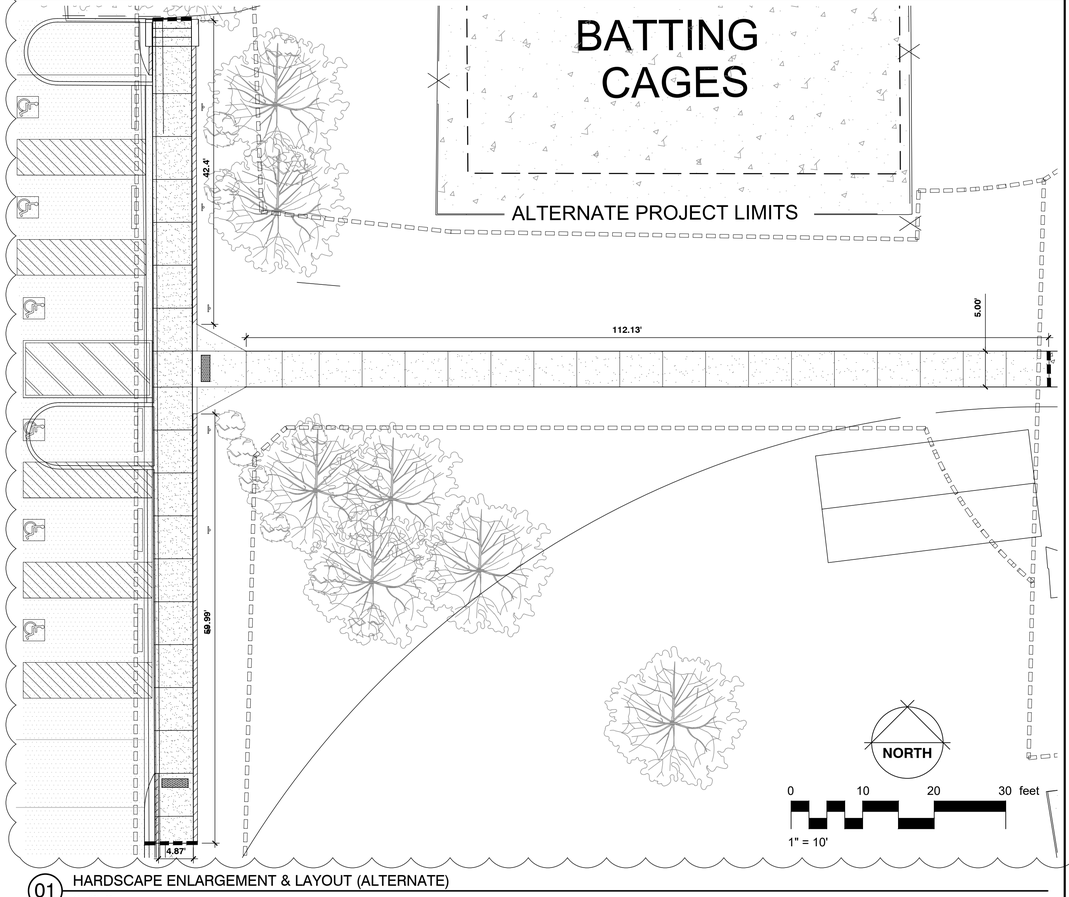
CONCRETE EXPANSION JOINT NOTE:

EXPANSION JOINTS SHALL OCCUR WHERE SHOWN ON THE PLAN AS "EJ" OR WHERE CONCRETE IS TO BE POURED AGAINST ANY EXISTING SURFACE OR ABUTMENT. THIS COULD INCLUDE (BUT IS NOT LIMITED TO) SEAT WALLS, CONCRETE CURBS OR BANDS, AND BUILDING WALLS. EXPANSION JOINTS SHALL NEVER BE FURTHER THAN 28'-0" APART.

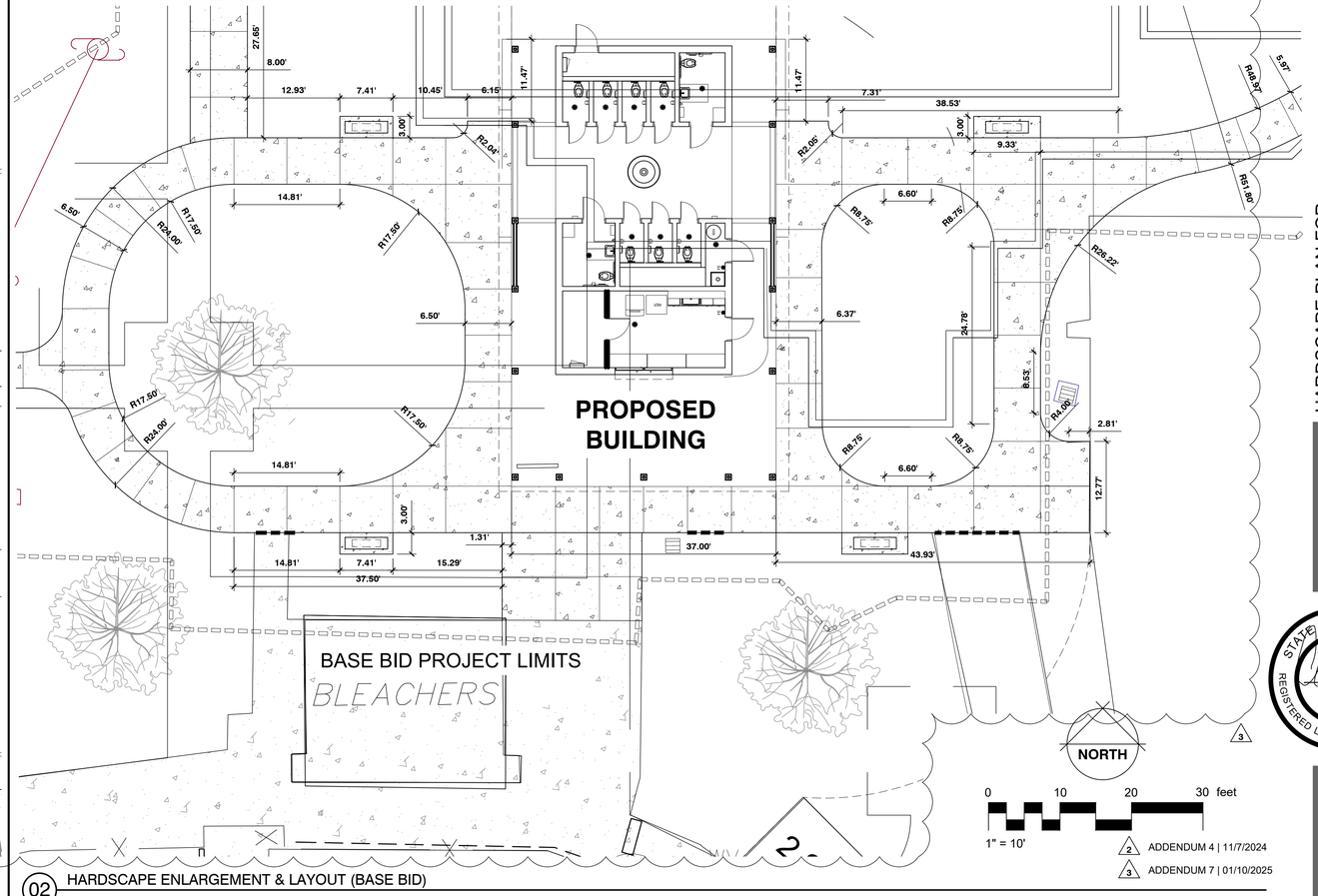
ADA REQUIREMENTS FOR ALL PAVED PEDESTRIAN SURFACES AND WALKWAYS:

MAXIMUM OF 2% CROSS SLOPE AND A MAXIMUM OF 5% RUNNING SLOPE. IF SPOT ELEVATIONS OR SLOPES ARE AMBIGUOUS, OR SHOWN TO EXCEED THIS AMOUNT, CONTACT THE LANDSCAPE ARCHITECT IN WRITING PRIOR TO PROCEEDING WITH THE WORK.





01 HARDSCAPE ENLARGEMENT & LAYOUT (ALTERNATE)
1" = 10' - 0"



02 HARDSCAPE ENLARGEMENT & LAYOUT (BASE BID)
1" = 10' - 0"

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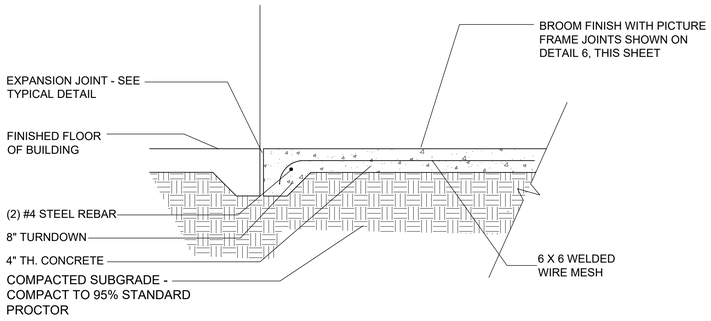
HARDSCAPE PLAN FOR:
CITY OF MOBILE - MIMS PARK CONCESSIONS

SCALE: AS SHOWN Mobile, AL

STATE OF ALABAMA
CHRISTIAN HART PREUS
NUMBER
REGISTERED LANDSCAPE ARCHITECT

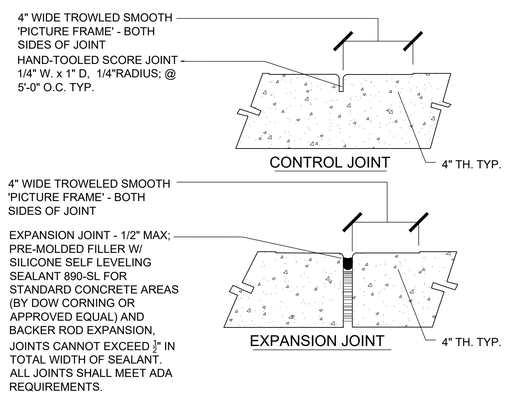
DATE: MAY 2024

H100



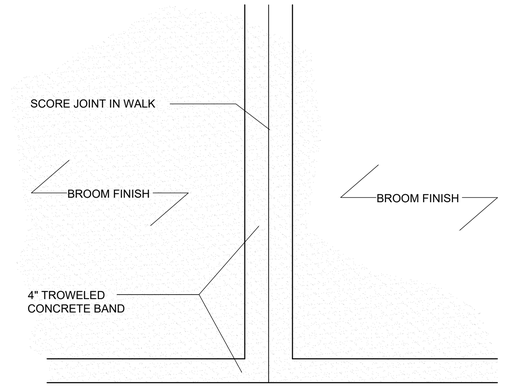
1 CONCRETE WALK SECTION

NOT TO SCALE — P-CP-CP-01



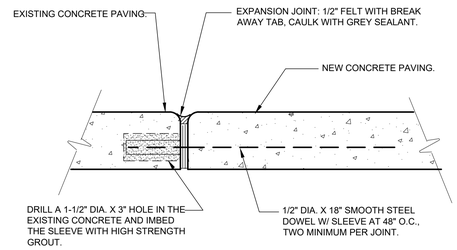
2 TYPICAL SIDEWALK CONCRETE JOINTS

NOT TO SCALE — P-CP-CP-02



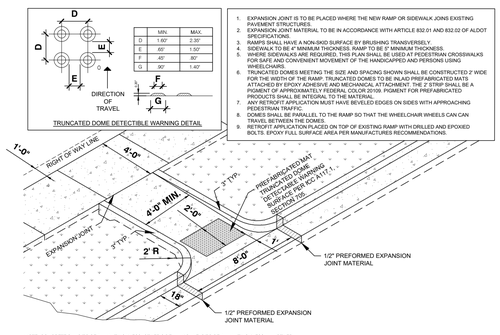
3 TROWELED FRAME & SCORE JOINTS

NOT TO SCALE — P-CP-CP-05



4 CONCRETE JOINT AT EXISTING PAVING

NOT TO SCALE — FX-SI-FX-PAV-06

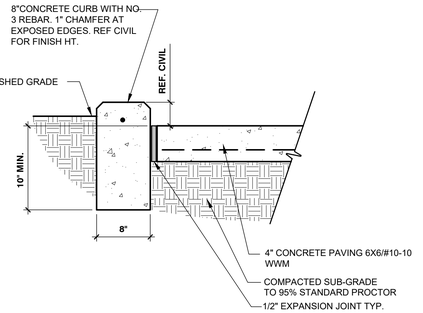


	MIN.	MAX.
D	1.60"	2.35"
E	.65"	1.50"
F	.45"	.80"
G	.90"	1.40"

1. EXPANSION JOINT IS TO BE PLACED WHERE THE NEW RAMP OR SIDEWALK JOINS EXISTING PAVEMENT STRUCTURES.
2. EXPANSION JOINT MATERIAL TO BE IN ACCORDANCE WITH ARTICLE 832.01 AND 832.02 OF ALDOT SPECIFICATIONS.
3. RAMPS SHALL HAVE A NON-SKID SURFACE BY BRUSHING TRANSVERSELY.
4. SIDEWALK TO BE 4" MINIMUM THICKNESS. RAMP TO BE 5" MINIMUM THICKNESS.
5. WHERE SIDEWALKS ARE REQUIRED, THIS PLAN SHALL BE USED AT PEDESTRIAN CROSSWALKS FOR SAFE AND CONVENIENT MOVEMENT OF THE HANDICAPPED AND PERSONS USING WHEELCHAIRS.
6. TRUNCATED DOMES MEETING THE SIZE AND SPACING SHOWN SHALL BE CONSTRUCTED 2' WIDE FOR THE WIDTH OF THE RAMP. TRUNCATED DOMES TO BE INLAID PREFABRICATED MATS ATTACHED BY EPOXY ADHESIVE AND MECHANICAL ATTACHMENT. THE 2' STRIP SHALL BE A PIGMENT OF APPROXIMATELY FEDERAL COLOR 20109. PIGMENT FOR PREFABRICATED PRODUCTS SHALL BE INTEGRAL TO THE MATERIAL.
7. ANY RETROFIT APPLICATION MUST HAVE BEVELED EDGES ON SIDES WITH APPROACHING PEDESTRIAN TRAFFIC.
8. DOMES SHALL BE PARALLEL TO THE RAMP SO THAT THE WHEELCHAIR WHEELS CAN CAN TRAVEL BETWEEN THE DOMES.
9. RETROFIT APPLICATION PLACED ON TOP OF EXISTING RAMP WITH DRILLED AND EPOXIED BOLTS. EPOXY FULL SURFACE AREA PER MANUFACTURES RECOMMENDATIONS.

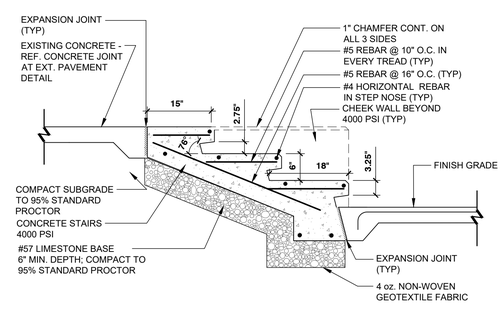
5 HANDICAP / CURB RAMP - GRASS STRIP (TYP.)

NOT TO SCALE — P-CP-ADA-06



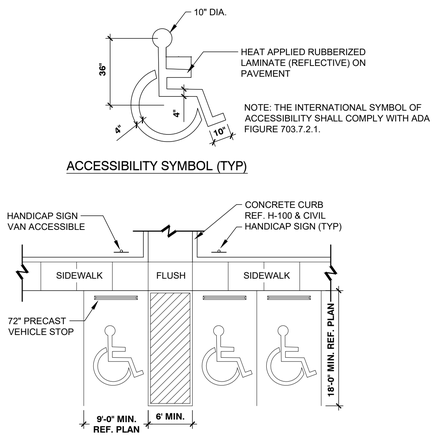
6 CONCRETE CURB AT SIDEWALK

NOT TO SCALE — P-CP-CC-01



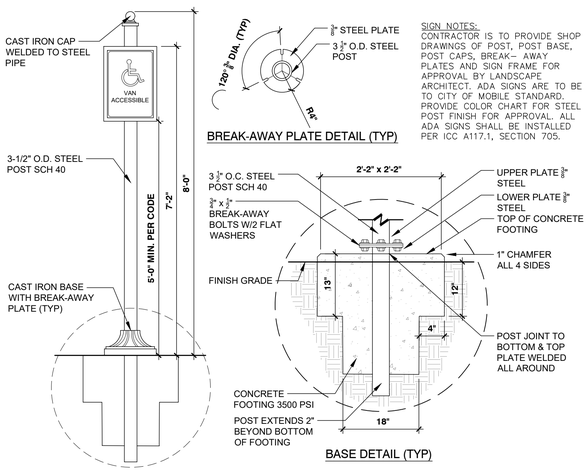
7 CAST-IN-PLACE STEPS WITH CHEEK WALL

NOT TO SCALE — P-CP-STA-17



8 HANDICAP PARKING DETAIL

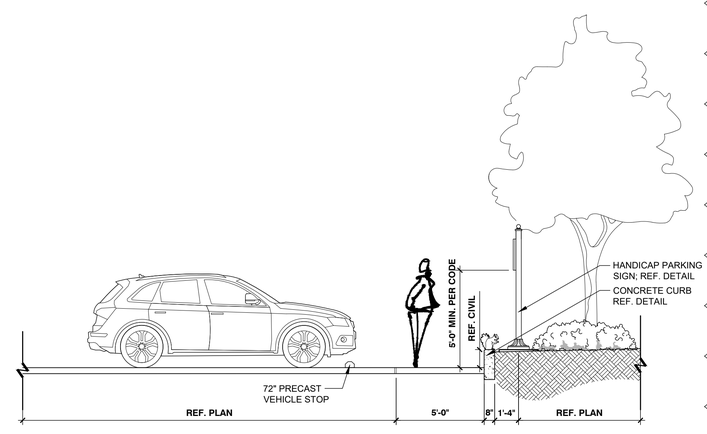
NOT TO SCALE — P-CP-ADA-03



SIGN NOTES:
CONTRACTOR IS TO PROVIDE SHOP DRAWINGS OF POST, POST BASE, POST CAPS, BREAK- AWAY PLATES AND SIGN FRAME FOR APPROVAL BY LANDSCAPE ARCHITECT. ADA SIGNS ARE TO BE TO CITY OF MOBILE STANDARD. PROVIDE COLOR CHART FOR STEEL POST FINISH FOR APPROVAL. ALL ADA SIGNS SHALL BE INSTALLED PER ICC A117.1, SECTION 705.

9 HANDICAP PARKING SIGN DETAIL

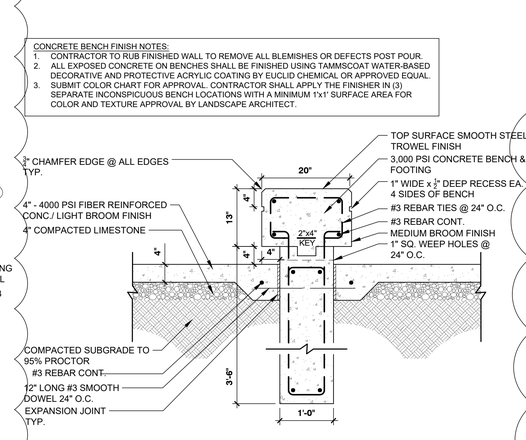
NOT TO SCALE — P-CP-ADA-04



10 SIDEWALK @ ADA PARKING SECTION

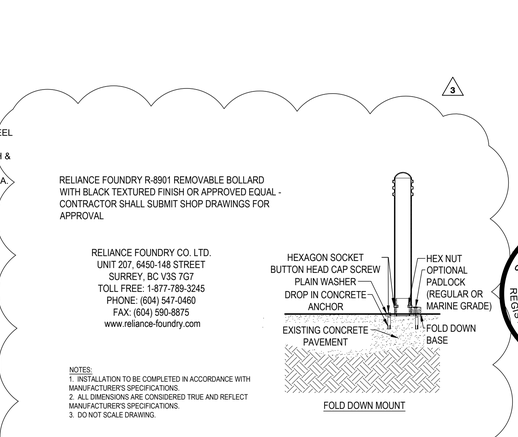
NOT TO SCALE — P-CP-ADA-05

CONCRETE BENCH FINISH NOTES:
1. CONTRACTOR TO RUB FINISHED WALL TO REMOVE ALL BLEMISHES OR DEFECTS POST POUR.
2. ALL EXPOSED CONCRETE ON BENCHES SHALL BE FINISHED USING TAMMSCOAT WATER-BASED DECORATIVE AND PROTECTIVE ACRYLIC COATING BY EUCLID CHEMICAL OR APPROVED EQUAL.
3. SUBMIT COLOR CHART FOR APPROVAL. CONTRACTOR SHALL APPLY THE FINISHER IN (3) SEPARATE INCONSPICUOUS BENCH LOCATIONS WITH A MINIMUM 1'x1' SURFACE AREA FOR COLOR AND TEXTURE APPROVAL BY LANDSCAPE ARCHITECT.



11 6' CONCRETE BENCH DETAIL - (CIP)

NOT TO SCALE — P-CO-COM-01



12 REMOVABLE BOLLARD DETAIL

NOT TO SCALE — P-CP-BOL-01

2 ADDENDUM 4 | 11/7/2024
3 ADDENDUM 7 | 01/10/2024

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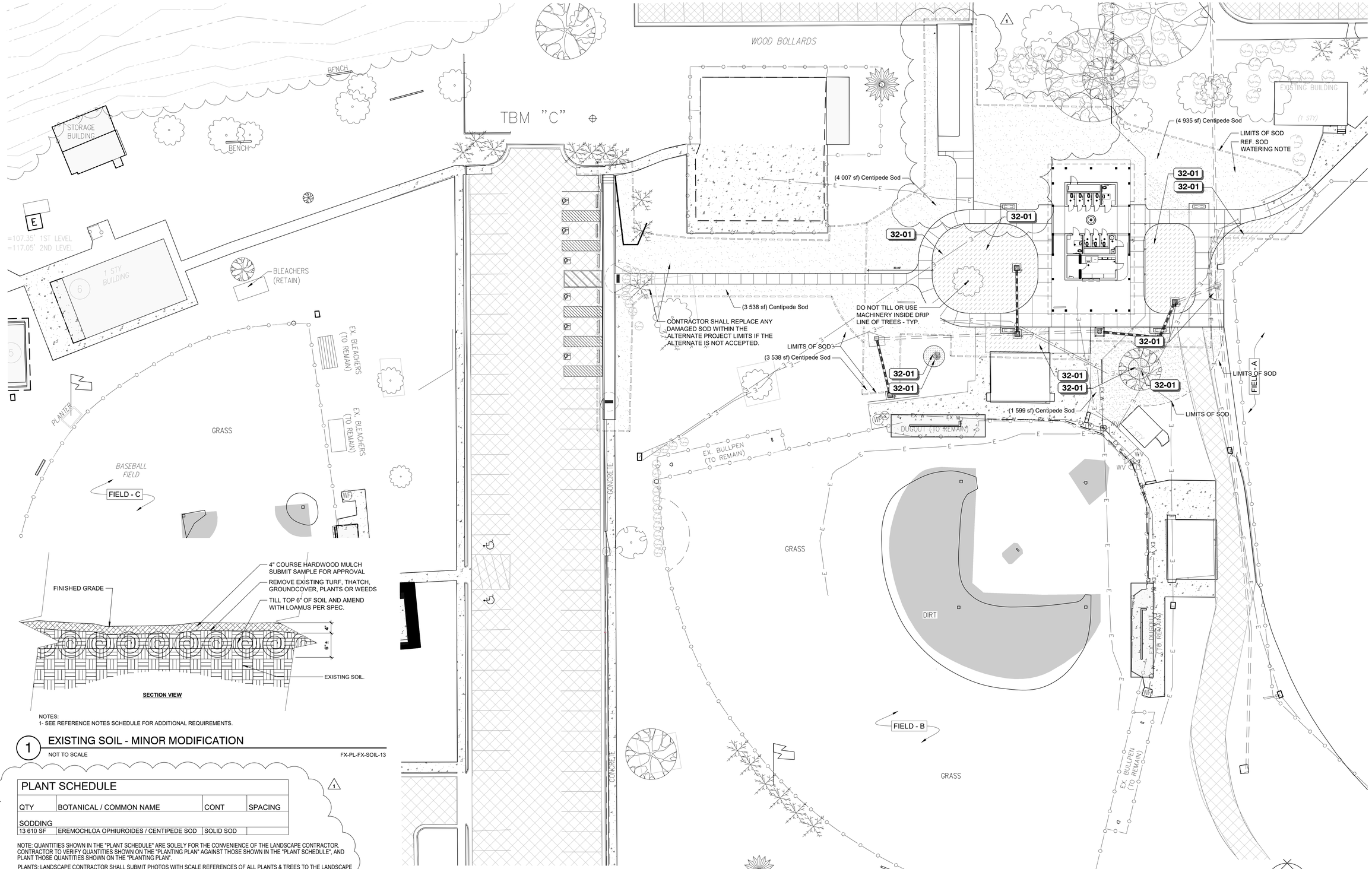
HARDSCAPE SETAILS FOR:
CITY OF MOBILE - MIMS PARKK CONCESSIONS
Mobile, AL

SCALE: 1" = 20' -0"

STATE OF ALABAMA — CHRISTIAN HARTLEY PREUS — NUMBER 30025 — REGISTERED LANDSCAPE ARCHITECT

DATE: MAY 2024

H200



SECTION VIEW

NOTES:
1- SEE REFERENCE NOTES SCHEDULE FOR ADDITIONAL REQUIREMENTS.

1 EXISTING SOIL - MINOR MODIFICATION

NOT TO SCALE FX-PL-FX-SOIL-13

PLANT SCHEDULE			
QTY	BOTANICAL / COMMON NAME	CONT	SPACING
SODDING			
13 610 SF	EREMOCHLOA OPHIUROIDES / CENTIPEDE SOD	SOLID SOD	

NOTE: QUANTITIES SHOWN IN THE "PLANT SCHEDULE" ARE SOLELY FOR THE CONVENIENCE OF THE LANDSCAPE CONTRACTOR. CONTRACTOR TO VERIFY QUANTITIES SHOWN ON THE "PLANTING PLAN" AGAINST THOSE SHOWN IN THE "PLANT SCHEDULE", AND PLANT THOSE QUANTITIES SHOWN ON THE "PLANTING PLAN".

PLANTS: LANDSCAPE CONTRACTOR SHALL SUBMIT PHOTOS WITH SCALE REFERENCES OF ALL PLANTS & TREES TO THE LANDSCAPE ARCHITECT FOR APPROVAL IN WRITING PRIOR TO HAVING THEM DELIVERED TO THE SITE.

REFERENCE NOTES SCHEDULE									
	32 EXTERIOR IMPROVEMENTS								
SYMBOL	DESCRIPTION	QTY	DETAIL	AMENDMENTS	AMENDED DEPTH	PRE-EMERGENT	FERTILIZER	MULCH TYPE	MULCH DEPTH
32-01	AMENDED BED AREA 4" LAYER COM APPROVED PLAYGROUND MULCH	3 723 SF		LOAMUS	4"	GRANULAR @ 3.5# /1000 SF	12-6-8 @ 7#/1000 SF	MULCH	4"

SOD WATERING NOTE:
ALL NEWLY SODDED AREAS MUST BE HAND WATERED TWICE WEEKLY FOR 3 MONTHS FOR A MINIMUM OF 1/2" TOTAL PRECIPITATION AFTER SUBSTANTIAL COMPLETION AS PART OF THE BASE BID OR FOR 12 MONTHS IF THE MAINTENANCE ALTERNATE IS TAKEN.

1 ADDENDUM | 01/10/2025

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LANDSCAPE PLANS FOR:
CITY OF MOBILE - MIMS PARK CONCESSIONS
Mobile, AL

SCALE: 1" = 20'-0"

STATE OF ALABAMA
CHRISTIAN HART PREUS
NUMBER 30?
REGISTERED LANDSCAPE ARCHITECT

DATE: MAY 2024

L100