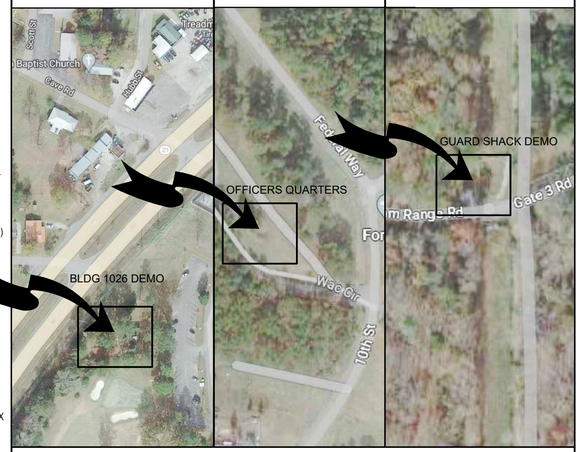
PELHAM RENAMING EFFORT

FT. MCCLELLAN, AL
IFB# AC-23-B-0016-S

ABBREVIATIONS

A	A.B.	ANCHOR BOLT
	ABV	ABOVE
	A/C	AIR CONDITIONING
	ACC	ACCESS
	AC.T.	ACOUSTICAL TILE (CLG)
	AFF	ABOVE FINISH FLOOR
	A.D.	AREA DRAIN
	ADD	ADDENDUM
	ADH	ADHESIVE
	ADJ	ADJUSTABLE
	AGG	AGGREGATE
	A.H.U.	AIR HANDLING UNIT
	ALT	ALTERNATE
	ALUM	ALUMINUM
	A.P.	ACCESS PANEL
	APX	APPROXIMATE
	ARCH.	ARCHITECT(URAL)
	ASPH	ASPHALT
	A.T.	ASPHALT TILE
	AUTO.	AUTOMATIC
	AVG	AVERAGE
	AWNG	AWNING
B	B36	36" WIDE BASE CAB.
	BD	BOARD
	BF	BI-FOLD (DOOR)
	BIT.	BITUMINOUS
	BLKG	BLOCKING
	BLDG	BUILDING
	BLK	BLOCK (CMUs)
	BLKG	BLOCKING
	BM	BEAM
	B.M.	BENCH MARK
	BP	BI-PASS (DOOR)
	BRG	BEARING
	BRK	BRICK
	B.S.	BOTH SIDES
	BSMT	BASEMENT
	BOT	BOTTOM
	BTWN	BETWEEN
	BVL	BEVELED
	B.W.	BOTH WAYS
C	CAB	CABINET
	C.B.	CATCH BASIN
	CEM	CEMENT
	CER	CERAMIC
	CF	CUBIC FOOT
	CHAM	CHAMFER
	C.I.	CAST IRON
	C.I.P. CONC.	CAST-IN-PLACE CONC.
	CIR	CIRCLE
	CIRC	CIRCUMFERENCE
	C.J.	CONTROL JOINT
	CK	CALK(ING) CAULK(ING)
	CL	CLOSET OR CENTER LINE
	CLG	CEILING
	CLR	CLEAR(ANCE)
	CLS	CLOSURE OR CLOSER
	CM	CENTIMETER(S)
	CMU	CONCRETE MASONRY UNIT
	C.O.	CASED OPENING
	COL	COLUMN
	COMB	COMBINATION
	CONC	CONCRETE
	COND	(AC) CONDENSER
	CONST	CONSTRUCTION
	CONT	CONTINUOUS
	CONTR	CONTRACTOR
	CORR	CORRUGATED
	CPR	COPPER
	C OR CPT	CARPET
	CRS	COURSE(S)
	CSMT	CASEMENT
	C.ST.	CAST STONE
	C.T.	CERAMIC TILE
	CTR	CENTER OR COUNTER
	CX	CONNEXTION
	CY	CUBIC YARD
D	12"D	12" DEEP
	D	DRYER, OR DRAIN
	DBL	DOUBLE
	DECO	DECORATIVE
	DEM	DEMOLISH, DEMOLITION
	DEP	DEPRESSED
	DET	DETAIL
	D.F.	DRINKING FOUNTAIN
	DH	DOUBLE HUNG
	DIAM	DIAMETER
	DIM	DIMENSION
	D.L.	DEAD LOAD
	DN	DOWN
	D.P.	DAMP-PROOFING
	DR	DOOR
	DRY	DRYER MACHINE
	DS	DOWNSPOUT
	D/S	DRAWER STACK
	D.T.	DRAIN TILE
	DTL	DETAIL
	DW	DISH WASHER
	DWG	DRAWING
	DWR	DRAWER
E	EA	EACH
	EB	EYEBROW
	E.F.	EACH FACE
	E.J.	EXPANSION JOINT
	EL	ELEVATION
	ELEC	ELECTRIC(AL)
	E.P.	ELECTRICAL PANEL
	EQ	EQUAL
	EST	ESTIMATE
	E.W.C.	ELECTRIC WATER COOLER
	EXG	EXISTING
	EXH	EXHAUST
	EXT	EXTERIOR
F	FAS	FASTEN(ER)
	F.B.	FACE BRICK
	F.B.O.	FURNISHED BY OTHERS
	F.D.	FLOOR DRAIN
	F.E.	FIRE EXTINGUISHER
	F.F.	FINISH FLOOR
	F.G.	FIXED GLASS
	FGL	FIBERGLASS
	FIN	FINISH
	FLG	FLASHING
	FLR	FLOOR
	FLUR	FLOURESCENT
	FN	FENCE
	FND	FOUNDATION
	F.O.	FACE OF
	FP	FIRE PROOF
	FPHB	FIRE PROOF HOSE BIBB
	FP	FIREPLACE
	FR	FRAME
	FS	FULL SIZE
	FTG	FOOTING
	FUR	FURRED(ING)
	F.V.	FIELD VERIFY
G	GA	GAUGE
	G.B.	GYPSUM BOARD
	G.C.	GENERAL CONTRACTOR
	GD	GRADE OR GRADING
	G.D.O.	GARAGE DOOR OPENER
	GFI	GROUND FAULT INTERRUPTER
	GL	GLASS OR GLAZING
	GL.BK.	GLASS BLOCK
	G.I.	GALVANIZED IRON
	GT	GROUT
H	H	HIGH
	HB	HOSE BIBB
	H.C.	HOLLOW CORE
	HD	HEAD OR HARD
	H.D.	HEAT DETECTOR OR HEAVY DUTY
	HDR	HEADER
	HDW	HARDWARE
	HT	HEIGHT
	H.M.	HOLLOW METAL
	HORZ	HORIZONTAL
	HR	HOUR
	H.R.	HALF ROUND
	HS	HORIZONTAL SLIDER
	HTG	HEATING
	HVAC	HEATING/VENTILATING/AIR COND.
	HWD	HARDWOOD
I	I.B.	IRONING BOARD
	I.D.	INSIDE DIAMETER
	I.L.O.	IN LIEU OF
	I.M.	INSULATED METAL
	INS / INSUL	INSULATED(TION)
	INT	INTERIOR
J	JST	JOIST
	JT	JOINT
K	KD	KNOCKDOWN
	KIT	KITCHEN
	KO	KNOCKOUT
	KPL	KICKPLATE
	K/S	KNEE SPACE
L	LAM.	LAMINATE(D)
	LAV	LAVATORY
	L.B.O.	LOCATION BY OTHERS
	LIV	LIVING
	L.L.	LIVE LOAD
	L.P.	LAMINATED PLASTIC
	LT	LIGHT
	L.T.	LAUNDRY TUB
	LTL	LINTEL
	LVL	VENNER LUMBER
	LVR	LOUVER
M	M	METER(S)
	MAX	MAXIMUM
	MAS	MASONRY
	MATL	MATERIAL
	MC	MEDICINE CABINET
	MECH	MECHANICAL
	MFR.	MANUFACTURER
	MH	MANHOLE
	MIN	MINIMUM
	MIR	MIRROR
	MISC	MISCELLANEOUS
	MLD	MOULDING
	MM	MILLIMETER
	MMB	MMB MEMBRANE
	M.O.	MASONRY OPENING
	MOD	MODULAR
	MRB	MARBLE
	MTL	METAL
	MT	MOUNTED(ING)
	MULL	MULLION OR MULLED
N	N/A	NOT APPLICABLE
	N.I.C.	NOT IN CONTRACT
	NL	NAILABLE
	NOM	NOMINAL
	N.T.S.	NOT TO SCALE
	N.G.V.D.	NAT. GEODETIC VERTICAL DATOM
O	OA	OVERALL
	OBS	OBSCURE (GLASS)
	O.C.	ON CENTER
	OHC	OVERHEAD CABINET
	O.D.	OUTSIDE DIAMETER
	O.G.D.	OVERHEAD GARAGE DOOR
	OH	OVERHEAD
	OPNG	OPENING
	OPT	OPTIONAL
	OSB	ORIENTED STRAND BOARD
P	PAR	PARALLEL
	P.BD.	PARTICLE BOARD
	PCC.	PRECAST CONCRETE
	P.E.	PORCELAIN ENAMEL
	PED	PEDESTAL (SINK)
	PERI	PERIMETER
	PKG	PARKING
	PL	PLATE
	P.LAM.	PLASTIC LAMINATE
	PLAS	PLASTER
	PNL	PANEL
	PNT	PAINT
	P. TILE	PORCELAIN TILE
	PR	PAIR
	PREFAB	PREFABRICATED
	PSF	POUNDS PER SQUARE FOOT
	PSI	POUNDS PER SQUARE INCH
	PTN	PARTITION
	P.T.	PRESSURE TREATED
	PV	PAVE(D) OR PAVING
	PVC	POLYVINYL CHLORIDE (PIPE)
	PVMT	PAVEMENT
	PWD	PLYWOOD
Q	Q.T.	QUARRY TILE
R	R	RISER
	R/A	RETURN AIR
	R.B.	RUBBER BASE
	RAD	RADIUS
	RBL	RUBBLE
	R.D.	ROOF DRAIN
	REF	REFRIGERATOR
	REQ	REQUIRED
	RES	RESILIENT
	REV	REVISION, REVISED
	REINF	REINFORCED(ING)
	RFG	ROOFING
	R.J.B.	REINFORCED JUNCTION BOX
	RLG	RAILING
	R&M	RANGE W/ MICROWAVE
	RWL	ROOF WATER LEADER
	R.O.	ROUGH OPENING
	R.O.W.	RIGHT OF WAY
	R&S	ROD AND SHELF(S)
S	SC	SOLID CORE
	SCH	SCHEDULE
	SD	SMOKE DETECTOR
	SEC	SECTION
	S.F.	SQUARE FEET
	SF.GL.	SAFETY GLASS
	S.G.D.	SLIDING GLASS DOOR
	SH	SINGLE HUNG OR SHELF
	SHT	(DRAWING) SHEET
	SHTHG	SHEATHING
	SIM	SIMILAR
	SKL	SKYLIGHT
	SL	SIDELIGHT OR SLEEVE
	SNT	SEALANT
	SPC	SPACER
	SPEC	SPECIFICATIONS
	SPK	SPEAKER
	S.ST.	STAINLESS STEEL
	STD	STANDARD
	STOR	STORAGE
	STL	STEEL
	STR	STRUCTURAL
	SQ	SQUARE
	SUS	SUSPENDED
	S.W.	SHEAR WALL
T	T	TREAD
	T.B.	TOWEL BAR
	T.B.D.	TO BE DETERMINED
	TC	TERRA COTTA
	T.C.J.	TROWELED CONTROL JOINT
	TEMP.	TEMPERED (GLASS)
	T&G	TONGUE & GROOVE
	TEL	TELEPHONE
	THK	THICK(NESS)
	THR	THRESHOLD
	T.O.C.	TOP OF CONCRETE
	T.O.F.	TOP OF FOUNDATION
	T.O.M.	TOP OF MASONRY
	T.O.W.	TOP OF WINDOW
	TR	TRANSOM
	TP	TOILET PAPER HOLDER
	TV	TELEVISION OUTLET
	TYP	TYPICAL
U	UC	UNDERCUT
	UNF	UNFINISHED
	U.N.O.	UNLESS NOTED OTHERWISE
V	VB	VANITY BASE
	V.B.	VAPOR BARRIER
	VB#	VANITY BASE WIDTH
	VERT	VERTICAL
	VIN	VINYL(SHEET)
	V.S.	VEGTABLE SINK
	V.C.T.	VINYL COMPOSITION TILE
W	W	WIDE OR WASHING MACHINE
	WC	WATER CLOSET
	WF	WIDE FLANGE
	WH	WATER HEATER
	W.H.	WALL HUNG
	WI	WROUGHT IRON
	WIC	WALK-IN CLOSET
	WIN	WINDOW
	W/ W/O	WITH OR WITHOUT
	WP	WATERPROOF
	W.R.	WATER RESISTANT
	W.S.	WATER SOFTENER
	WSCT	WAINSCOT
	W.T.W.	WALL TO WALL
	WWM	WELDED WIRE MESH

VICINITY MAP



PROJECT INFORMATION

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ANNISTON, AL

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PLUMBING & MECHANICAL: WHORTON ENGINEERING, INC.
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ANNISTON, AL 36205

ELECTRICAL: MCCARTER ENGINEERING
878 AVALON LANE
ANNISTON , AL 36207

ARCHITECTURAL SYMBOLS

- 10 — DOOR MARK
- A — WINDOW MARK
- 205 — ROOM FINISH MARK
- A — LOUVER MARK
- B.F.E. — BRACKET MOUNTED FIRE EXTINGUISHER
- F.E.C. — FIRE EXTINGUISHER CABINET
- A / A2.1 — LARGE SCALE PLAN OR DETAIL ENLARGEMENT
- F.F.= — FINISH FLOOR ELEVATION
- + — FINISH GRADE ELEVATION
- DETAIL NO. / DWG. NO. — DETAIL
- ELEV. NO. / DWG. NO. — INTERIOR ELEVATION
- SECT. NO. / DWG. NO. — SECTION MARKER
- BEARING ELEVATION

GENERAL NOTES

1. DRAWINGS AND SPECIFICATIONS OF ALL DISCIPLINES INCLUDED HEREIN ARE GRAPHIC AND TEXT REPRESENTATIONS INTENDED TO ESTABLISH THE FULL SCOPE OF THIS PROJECT AND THE FULL CONTRACTUAL OBLIGATION OF THE GENERAL CONTRACTOR TO COMPLETE THE WORK SHOWN, IMPLIED, AND SPECIFIED. IT SHALL BE THE GENERAL CONTRACTOR'S ULTIMATE RESPONSIBILITY TO COORDINATE THE PROPOSALS AND WORK OF ALL TRADES TO ENSURE ALL MATERIALS AND WORK REQUIRED BY THE CONTRACT DOCUMENTS ARE INCLUDED IN THE GENERAL CONTRACTOR'S PROPOSAL AND ARE ULTIMATELY FURNISHED AND INSTALLED IN THE FINISHED PRODUCT, WHETHER EXPLICIT OR IMPLIED BY THESE DOCUMENTS.

2. THE FOLLOWING PRIORITIES ARE ESTABLISHED WITH REFERENCE TO DISCIPLINE COORDINATION
   A. ALL PLUMBING WORK AND INSTALLATION SHALL BE COORDINATED FULLY TO ALLEVIATE CONFLICTS.
   B. NO TRADE WILL TAKE UNNECESSARY ADVANTAGE OF AVAILABLE PLENUM SPACE OVER OTHER TRADES. RELOCATION OF ANY ITEMS VIOLATING THIS PRINCIPLE SHALL BE AT THE TRADES' EXPENSE.
   C. ALL STRUCTURAL DESIGN & DETAILING SHALL GOVERN OVER ARCHITECTURAL GRAPHIC REPRESENTATION WHERE APPLICABLE.
   D. ALL CIVIL DESIGN & DETAILING SHALL GOVERN OVER ARCHITECTURAL REPRESENTATION WHERE APPLICABLE.

3. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR CONSTRUCTION ON THIS SITE. IF PROBLEMS ARE ENCOUNTERED WHILE ATTEMPTING TO OBTAIN PERMITS, THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY AND WILL ASSIST AS NECESSARY.

4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BECOME FAMILIAR WITH THE CONTRACT DOCUMENTS APPLICABLE TO THIS PROJECT PRIOR TO CONSTRUCTION. THE DRAWINGS AND SPECIFICATIONS ARE COMPLIMENTARY AND BOTH DOCUMENTS SHALL BE BINDING.

5. THE CONTRACTOR IS TO MAINTAIN A COMPLETE SET OF AS-BUILT DRAWINGS AT THE JOB SITE. AS-BUILTS SHALL BE AVAILABLE FOR FIELD OBSERVATION BY THE ARCHITECT OR ENGINEER.

6. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS, PROCEDURES, OR METHODS OF CONSTRUCTION. IT IS INTENDED THAT A MONUMENT SIGN / HVIP COTTAGE BE PROVIDED WITH ALL NECESSARY EQUIPMENT APPURTENANCES, AND CONTROLS, COMPLETELY COORDINATED WITH ALL DISCIPLINES. ALL PARAMETERS GIVEN IN THESE DOCUMENTS SHALL BE STRICTLY CONFORMED WITH ANY ITEMS AND LABOR REQUIRED FOR A COMPLETE BUILDING IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS, AND THESE CONTRACT DOCUMENTS. ALL ITEMS, SYSTEMS, ETC. OUTLINED HEREIN SHALL BE FURNISHED WITHOUT INCURRING ANY ADDITIONAL COST TO THE CONTRACT. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS AND THE DESIGN OF OTHER TRADES BEFORE PREPARING SHOP DRAWINGS.

7. COORDINATE PIPING WITH STRUCTURAL AND PLUMBING. MAKE OFFSETS AND TRANSITIONS TO COORDINATE WITH OTHER TRADES WITHOUT ADDITIONAL EXPENSE TO THE OWNER.

8. COORDINATE ALL REVIEWS OF WORK IN PLACE PRIOR TO CONCEALMENT OF ALL INTERIOR AND EXTERIOR WORK.

9. CONTRACTOR SHALL CHECK AND COORDINATE ALL DIMENSIONS PRIOR TO PROJECT LAYOUT. CONFIRM EXISTING CONDITIONS WILL ACCOMMODATE DIMENSIONAL CRITERIA SHOWN FOR NEW WORK, CONSTRUCTION, AND INSTALLATION. THIS CONFIRMATION WILL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

10. CONTRACTOR SHALL PROTECT TO THE GREATEST EXTENT POSSIBLE EXISTING BUILDING / SITE CONSTRUCTION, MECHANICAL UNITS, EQUIPMENT, VEHICLES, TREES, SHRUBBERY, PAVING, GRASSED AREAS, ETC. FROM DAMAGE THROUGHOUT THE ENTIRE DURATION OF THE PROJECT.

11. CONTRACTOR IS RESPONSIBLE FOR: MAINTAINING ALL LANDSCAPING ITEMS, MOWING ALL GRASS, PROTECTING ALL DESIGNATED TREES, IRRIGATING GRASS AND LANDSCAPING, ETC. FOR THE ENTIRE SITE TO THE SATISFACTION OF THE OWNER FROM NOTICE TO PROCEED THROUGH FINAL ACCEPTANCE OF THE PROJECT BY THE OWNER.

12. WHEN ARCHAEOLOGICAL FEATURES OR ARTIFACTS ARE DISCOVERED DURING CONSTRUCTION, THE CONTRACTOR IS TO IMMEDIATELY STOP WORK & NOTIFY THE ARCHITECT & OWNER. ARCHAEOLOGICAL FEATURES ARE STAINS IN THE SOIL THAT INDICATE DISTURBANCE BY HUMAN ACTIVITY, SUCH AS POST HOLES, BUILDING FOUNDATIONS, TRASH PITS, OR HUMAN BURIALS. ARCHAEOLOGICAL ARTIFACTS INCLUDE OBJECTS MADE, USED, OR MODIFIED BY HUMANS, SUCH AS ARROWHEADS, BROKEN PIECES OF POTTERY OR GLASS, STONE IMPLEMENTS, METAL FASTENERS, OR TOOLS, ETC.

BID ITEMS

BID ITEM A - MONUMENT SIGN
ABI - A1- THE DEMOLITION OF THE FORMER GUARD SHACK.
BID ITEM B - CONSTRUCTION OF A NEW TRANSIENT TRAINING OFFICERS QUARTERS (BUILDING 2310)
ABI - B1 -ADD 2"ASPHALT WEARING SURFACE OVER THE CRUSHED STONE BASE AT THE DRIVE AND PARKING.
BID ITEM C - DEMOLITION OF EXISTING BUILDING 1026

INDEX OF DRAWINGS

SEQ. NO.	DWG. NO	SHEET TITLE
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		BID ITEM A
2	BI.A/D1.1	GUARD SHACK DEMOLITION PLAN / PHOTOS (ALTERNATE #1)
3	BI.A/A1.1	MONUMENT SIGN
4	BI.A/A1.2	EXTERIOR SIGNAGE
		ELECTRICAL
5	BI.A/E1.1	SYMBOLS, NOTES AND LIGHTING FIXTURE SCHEDULES
6	BI.A/E2.1	SCHEDULES, LIGHTING PLAN, SINGLE LINE DIAGRAM, SITE PLAN AND DETAILS
		BID ITEM B
7	BI.B/L1.1	TOPO / LANDSCAPE PLAN
8	BI.B/C1.1	SITE PLAN
9	BI.B/A1.1	FIRST FLOOR DIMENSIONAL PLAN
10	BI.B/A1.2	FIRST FLOOR KEY & SYMBOL PLAN
11	BI.B/A1.3	PLAN DETAILS
12	BI.B/A1.4	PLAN DEATILS
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15	BI.B/A4.1	EXTERIOR ELEVATIONS
16	BI.B/A5.1	BUILDING SECTIONS
17	BI.B/A6.1	WALL SECTIONS
18	BI.B/A6.2	WALL SECTIONS
19	BI.B/A6.3	WALL SECTIONS
20	BI.B/A6.4	WALL SECTIONS
21	BI.B/A7.0	LARGE SCALE PLANS, CABINET SECTIONS
22	BI.B/A7.1	INTERIOR ELEVATIONS
23	BI.B/A8.1	REFLECTED CEILING PLAN
24	BI.B/A9.1	ROOF PLAN
25	BI.B/A10.1	FURNITURE PLAN
		STRUCTURAL
26	BI.B/S1.1	FOUNDATION PLAN
27	BI.B/S1.2	FOUNDATION DETAILS
28	BI.B/S2.1	ROOF FRAMING
		MECHANICAL
29	BI.B/P1.1	PLUMBING SCHEDULES, LEGEND, AND NOTES
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31	BI.B/P2.1	WASTE AND CONDENSATE PLUMBING PLAN
32	BI.B/P2.2	WATER AND GAS PLUMBING PLAN
33	BI.B/P3.1	WASTE PLUMBING RISER DIAGRAM
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36	BI.B/M1.1	HVAC LEGEND, NOTES, AND SCHEDULES
37	BI.B/M1.2	HVAC SCHEDULES AND DETAILS
38	BI.B/M2.1	HVAC DETAILS
39	BI.B/M3.1	HVAC PLAN
		ELECTRICAL
40	BI.B/E1.1	SYMBOLS, NOTES, AND LIGHTING FIXTURE SCHEDULE
41	BI.B/E2.1	SINGLE LINE DIAGRAM, SCHEDULES, DETAILS AND SITE PLAN
42	BI.B/E3.1	LIGHTING, POWER AND AUXILIARIES PLANS
		BID ITEM C
43	BI.C/D1.1	DEMOLITION PLAN
44	BI.C/D2.1	DEMOLITION PHOTOS

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REGISTERED ARCHITECT

PELHAM RENAMING EFFORT
FT. MCCLELLAN, AL

CONSTRUCTION DOCUMENTS

Project Number: 23-1299
Date: 31 AUGUST 2023
Revisions:

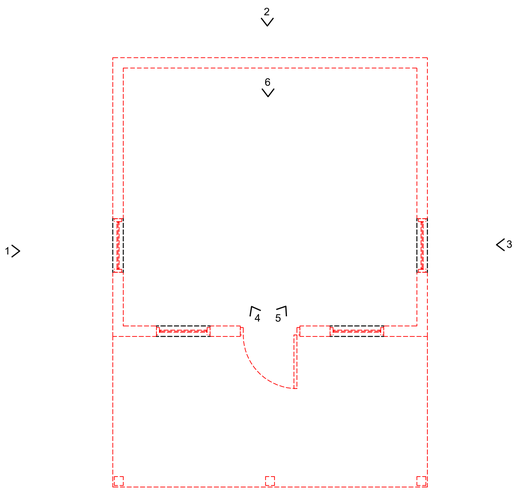
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COVER, INDEX, LEGENDS, & NOTES

Sheet Number

T1.1

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3



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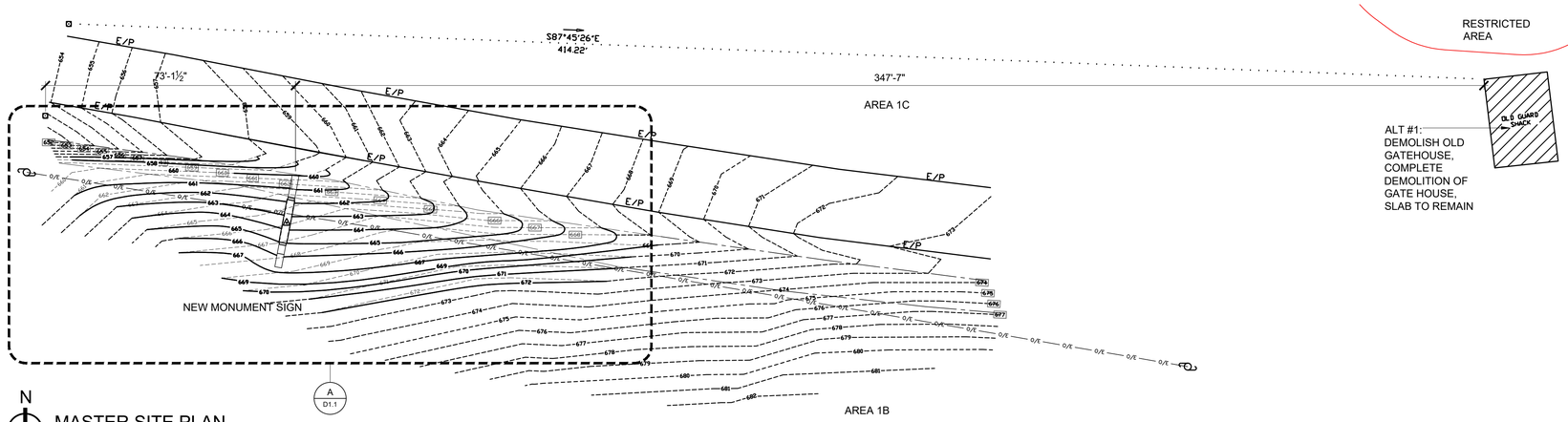


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GUARD SHACK DEMOLTION PLAN (ALTERNATE #1)

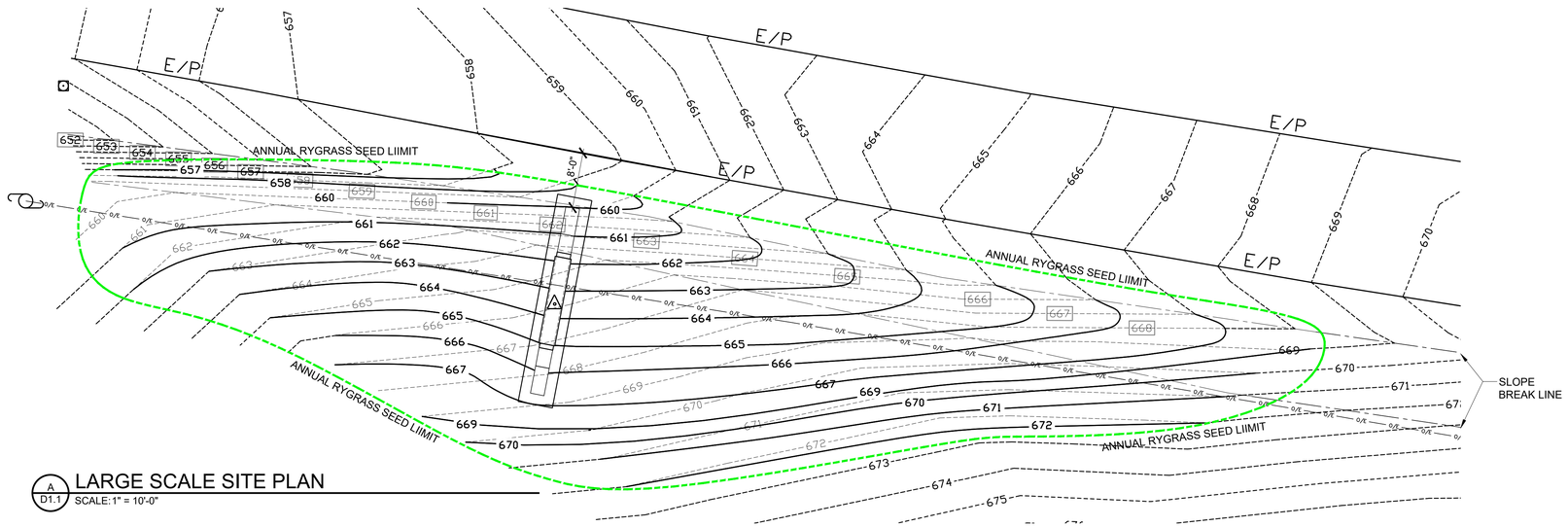
SCALE: 1/4"=1'-0"



N

MASTER SITE PLAN

SCALE: 1" = 20'-0"



A
D1.1

LARGE SCALE SITE PLAN

SCALE: 1" = 10'-0"

GENERAL DEMO NOTES

1. THE GENERAL CONTRACTOR AND ALL SUB-CONTRACTORS SHALL MAKE A DETAILED INVESTIGATION OF THE SITE PRIOR TO STARTING WORK TO ENSURE THAT THE FULL SCOPE FOR THE DEMOLITION IS DOCUMENTED. THE ELEMENTS OUTLINED AND IDENTIFIED ON THE DEMOLITION DRAWINGS (ALL DISCIPLINES) ARE GENERAL IN NATURE & ARE NOT INTENDED TO ESTABLISH OR IMPLY THE COMPLETE DEMOLITION SCOPE. ALL NECESSARY PROCEDURES, TECHNIQUES, MATERIALS AND PRODUCTS TO COMPLETE ALL DEMOLITION REQUIRED TO ACCOMMODATE ALL NEW CONSTRUCTION SHALL BE A PART OF THIS CONTRACT. ALL MECHANICAL & ELECTRICAL DEMOLITION SHALL BE INCLUDED IN THEIR RESPECTIVE SCOPE OR AS COORDINATED FOR COMPLETION BY THE CONTRACTOR IN THE GENERAL PROJECT SCOPE.
2. GENERAL CONTRACTOR SHALL DISPOSE OF AND OR SALVAGE ALL EXISTING DEMOLISHED MATERIALS, EQUIPMENT, FIXTURES, ETC. CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL DISPOSITION OF ANY DEMOLISHED, SALVAGED ITEM. NO ITEM IS TO REMAIN ON THE SITE. ANY AND ALL DEMOLISHED OR SALVAGED ITEMS REQUIRING SENSITIVE DISPOSAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. FINAL VERIFICATION WITH OWNERS REPRESENTATIVE AT PRE-BID CONFERENCE PRIOR TO REMOVAL AS TO WHICH ITEMS SHALL BE SALVAGED TO OWNER.
3. THE OWNER WILL REMOVE ALL OWNER FURNISHINGS, FIXTURES, EQUIPMENT, APPURTENANCES AND ACCESSORIES NOT PERMANENTLY ATTACHED TO BUILDING PRIOR TO START OF CONSTRUCTION. ANY REMAINING ITEM NOT CLAIMED OR SALVAGED BY THE OWNER AND REMAINING IN THE BUILDING AFTER NOTICE TO PROCEED WILL BE DISPOSED OF AS A PART OF THIS CONTRACT AS REQUIRED ABOVE. FINAL COORDINATION FOR ALL EXISTING F.F.&E. DISPOSAL WILL BE MADE AT THE PRE-BID& PRE CONSTRUCTION CONFERENCES.
4. KNOWN CULTURAL RESOURCE LOCATIONS NEARBY WILL BE FLAGGED FOR AVOIDANCE BY THE OWNER. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE CFMO PM FOR CULTURAL RESOURCE PERSONNEL TO BE NOTIFIED PRIOR TO ANY GROUND DISTURBANCE IN ORDER FOR PERSONNEL TO BE ONSITE DURING THE ACTION. SHOULD CULTURAL RESOURCES BE DISCOVERED DURING THE COURSE OF THE PROJECT, WORK SHALL HALT. THE ARCHITECT AND CFMO PM SHALL BE NOTIFIED IMMEDIATELY.

DEMOLITION SCOPE

EXISTING BUILDING TO BE DEMOLISHED IN ITS ENTIRETY WITH THE EXCEPTION OF THE CONCRETE SLAB. BUILDING CONSTRUCTION IS WOOD FRAME WITH VINYL SIDING AND IS APPROXIMATELY 274 SQUARE FEET WITH AN ADDITIONAL 148 SQUARE FEET OF COVERED ENTRY. DEMOLITION WILL INCLUDE ALL UNDERGROUND PLUMBING, ELECTRICAL AND ALL BUILDING SERVICES. COMPLETELY DEMOLISH AND REMOVE FROM SITE ALL VERTICAL CONSTRUCTION TO INCLUDE STUD WALLS, DOORS, FRAMES, WINDOWS, PLUMBING, MECHANICAL AND ELECTRICAL DEVICES, PIPING, CONDUIT, ETC.. THE SITE SHALL BE LEFT COMPLETELY CLEAR WITH ONLY THE CONCRETE SLAB REMAINING.

DEMOLITION LEGEND

PHOTO KEY

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REGISTERED ARCHITECT

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FT. MCCLELLAN, AL

CONSTRUCTION DOCUMENTS

Project Number: 23-1299
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Revisions:

Sheet Description

GUARD SHACK DEMOLITION PLAN/ PHOTOS (ALTERNATE #1)

Sheet Number

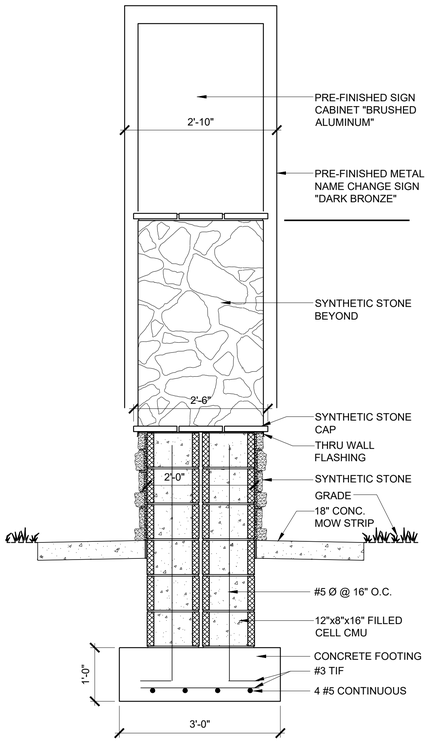
BIA/ D1.1

PRINTED: 8/31/2023 @ 4:26PM

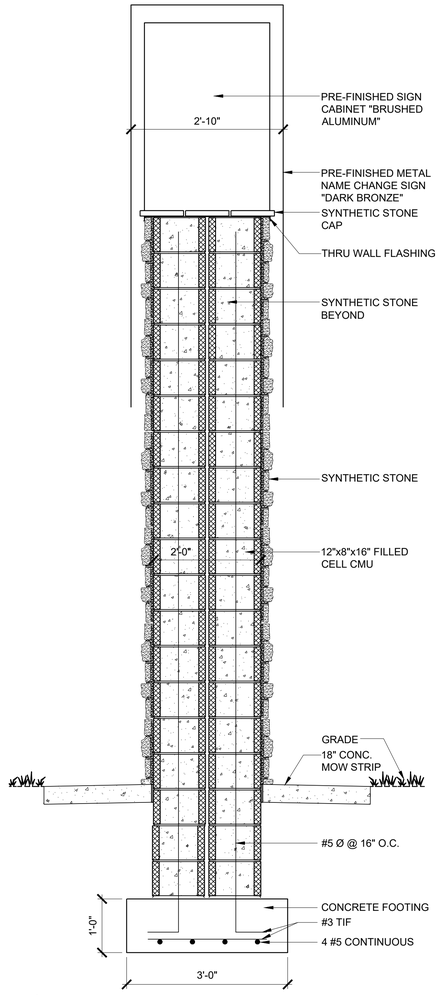
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PRINTED: 8/31/2023 @ 10:02AM

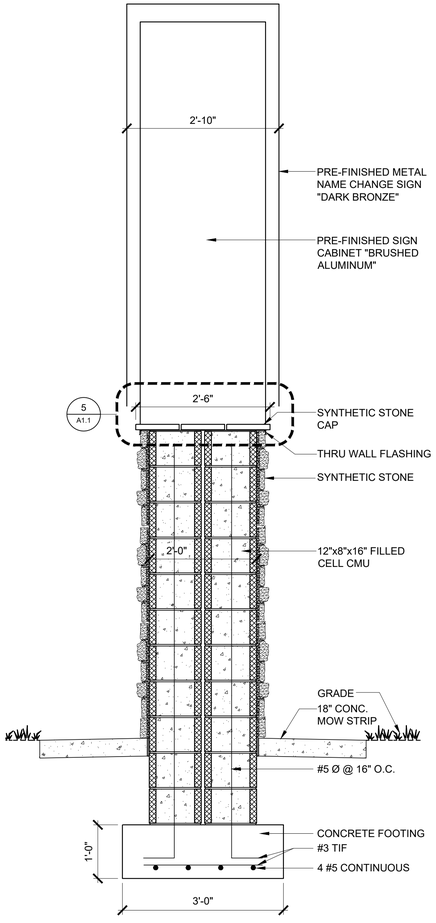
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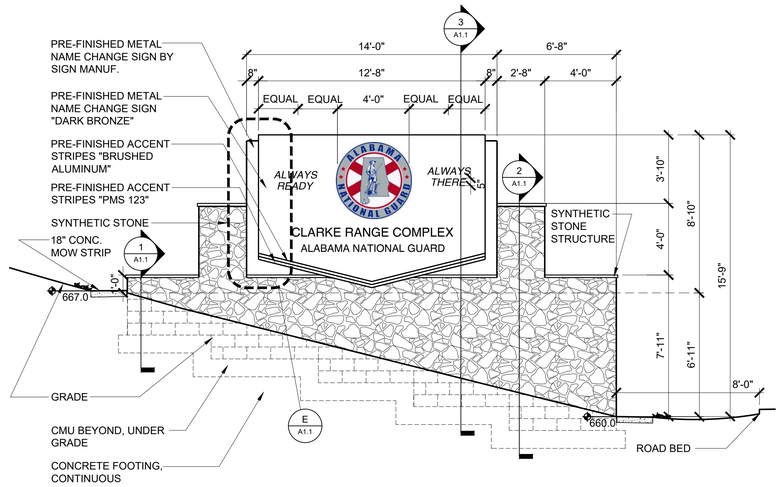
1 A1.1 SECTION
SCALE: 3/4" = 1'-0"



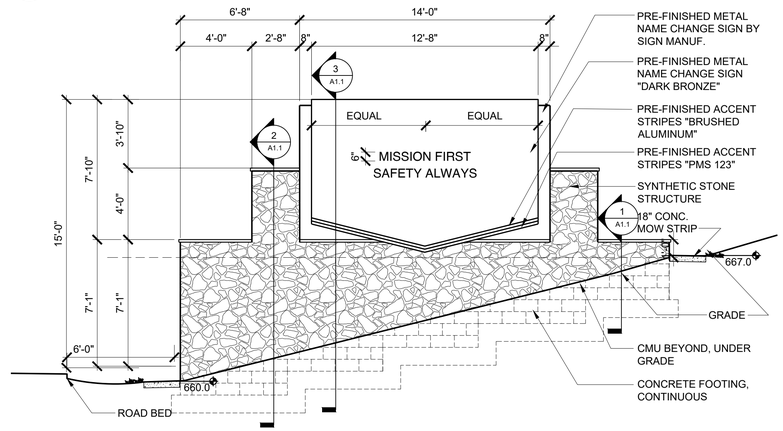
2 A1.1 SECTION
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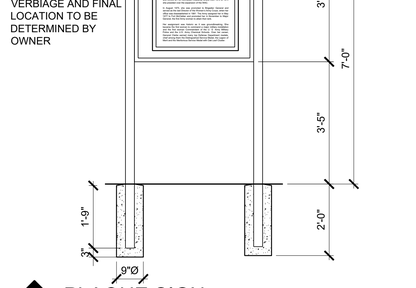
3 A1.1 SECTION
SCALE: 3/4" = 1'-0"



A A1.1 ELEVATION
SCALE: 1/4" = 1'-0"

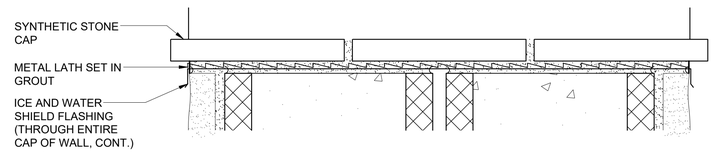


B A1.1 ELEVATION
SCALE: 1/4" = 1'-0"

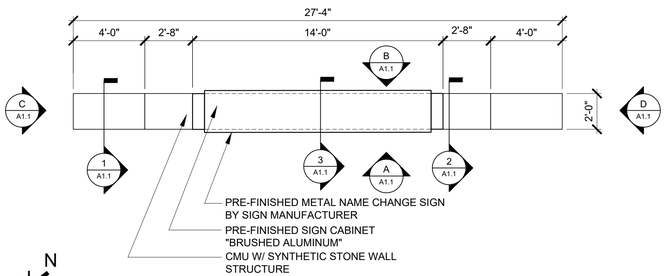


4 A1.1 PLAQUE SIGN
SCALE: 1/2" = 1'-0"

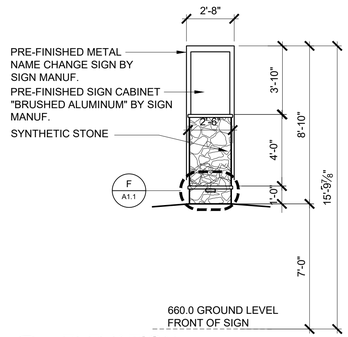
TO BE LOCATED NEAR THE GAME MANAGEMENT OFFICE & NEW VIP COTTAGE, FINAL LOCATION TO BE DETERMINED BY THE OWNER, PRIOR TO INSTALLATION.



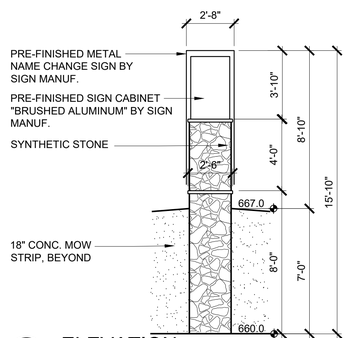
5 A1.1 DETAIL
SCALE: 3/4" = 1'-0"



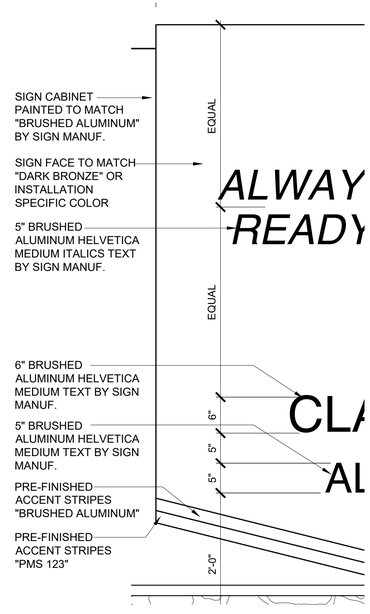
FLOOR PLAN
SCALE: 1/4" = 1'-0"



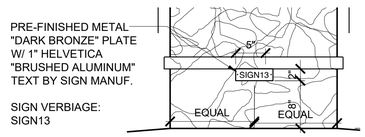
C A1.1 ELEVATION
SCALE: 1/4" = 1'-0"



D A1.1 ELEVATION
SCALE: 1/4" = 1'-0"



E A1.1 LARGE SCALE
SCALE: 1/4" = 1'-0"



F A1.1 LARGE SCALE
SCALE: 1/4" = 1'-0"

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CONSTRUCTION DOCUMENTS

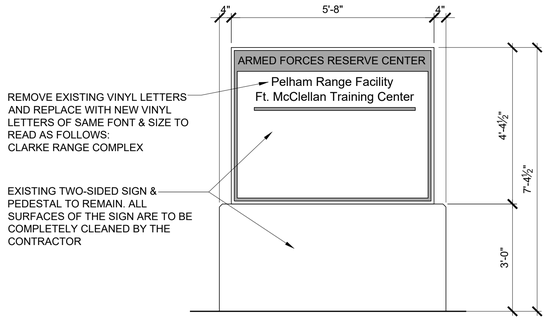
Project Number: 23-1299
Date: 31 AUGUST 2023
Revisions:

Sheet Description

BID ITEM A
MONUMENT SIGN

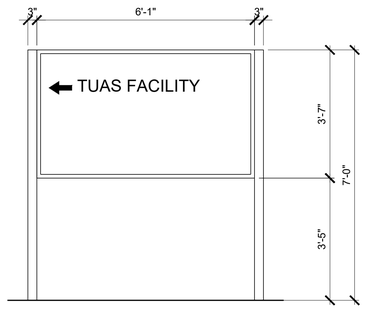
Sheet Number

BI.A / A1.1



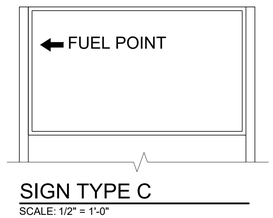
SIGN TYPE A - EXISTING SIGN

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



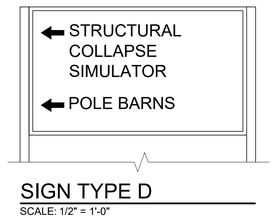
SIGN TYPE B

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



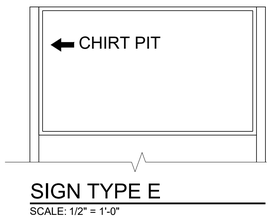
SIGN TYPE C

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



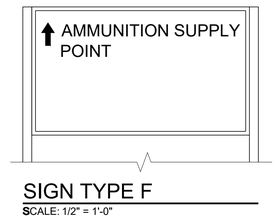
SIGN TYPE D

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



SIGN TYPE E

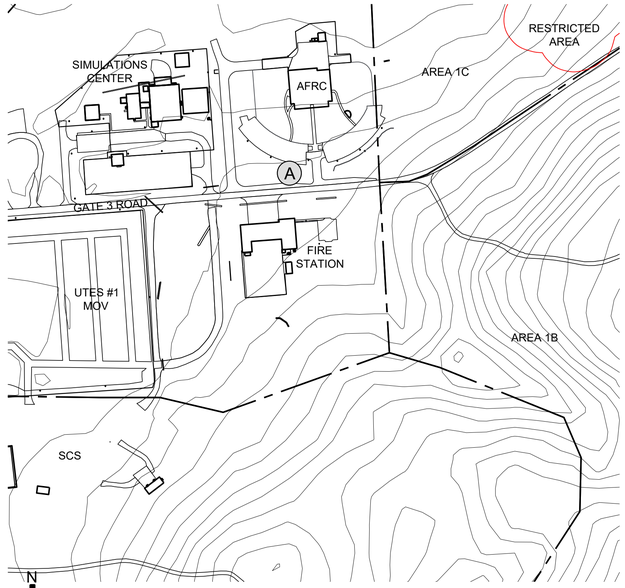
SCALE: 1/2" = 1'-0"



SIGN TYPE F

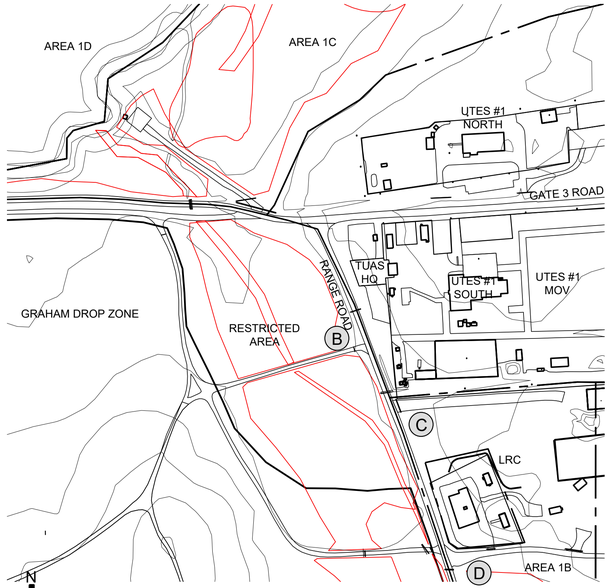
SCALE: 1/2" = 1'-0"

NOTE: ALL SIGNS ARE 2 SIDED COORDINATE TEXT, DIRECTIONAL INFO, AND BUILDING NUMBERS WITH FT. McCLELLAN DPW.



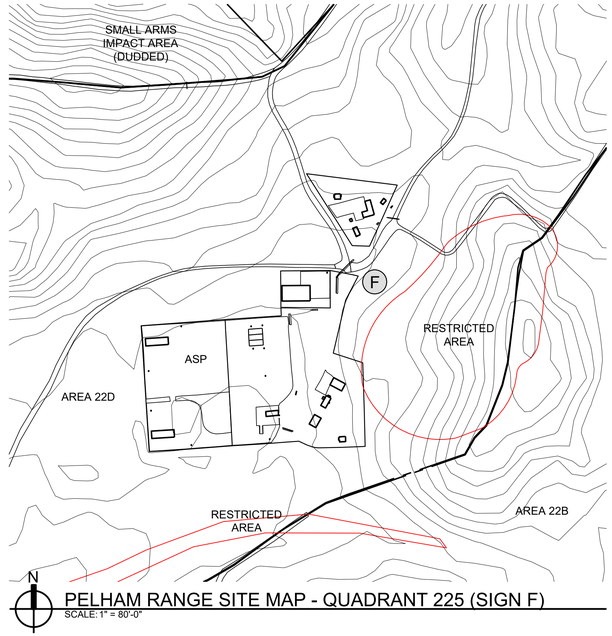
PELHAM RANGE SITE MAP - QUADRANT 100 (SIGN A)

SCALE: 1" = 80'-0"



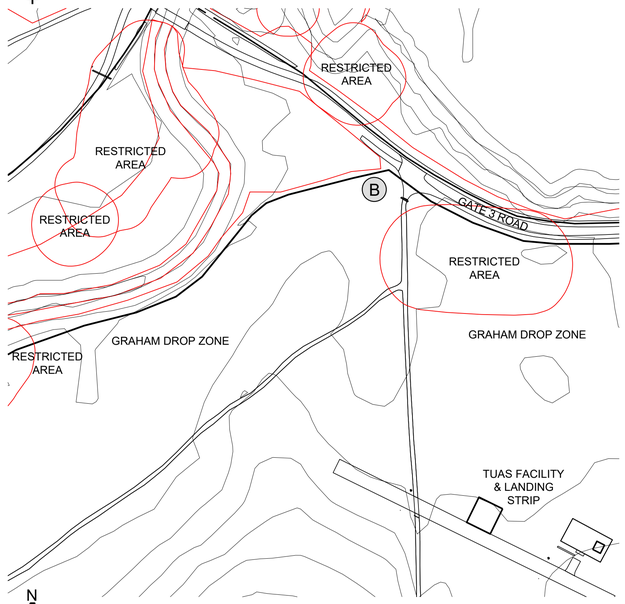
PELHAM RANGE SITE MAP - QUADRANT 99 (SIGN B,C,D)

SCALE: 1" = 80'-0"



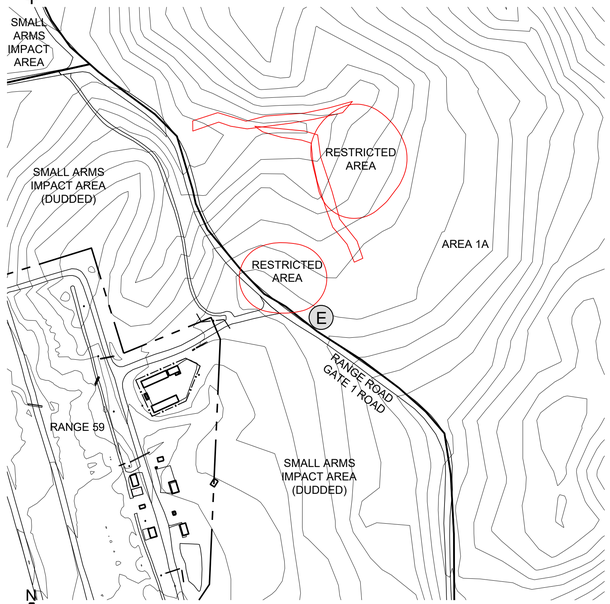
PELHAM RANGE SITE MAP - QUADRANT 225 (SIGN F)

SCALE: 1" = 80'-0"



PELHAM RANGE SITE MAP - QUADRANT 98 (SIGN B)

SCALE: 1" = 80'-0"

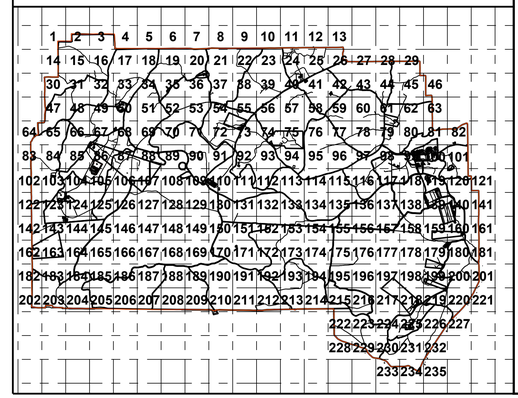


PELHAM RANGE SITE MAP - QUADRANT 140 (SIGN E)

SCALE: 1" = 80'-0"

(A) SIGN DESIGNATION AND LOCATION

KEY SITE PLAN



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REGISTERED ARCHITECT

PELHAM RENAMING EFFORT
FT. MCCLELLAN, AL

CONSTRUCTION DOCUMENTS

Project Number: 23-1299
Date: 31 AUGUST 2023
Revisions:

Sheet Description

EXTERIOR SIGNAGE

Sheet Number

BI.A / A1.2

PRINTED: 8/31/2023 @ 10:00AM

FILE NAME: W:\JMRH Projects 2023\23-1299 Pelham Renaming - Officers Quarters 1026\BIA_A1.2 Exterior Signage.dwg

ELECTRICAL SYMBOLS

CEILING OUTLET – SURFACE OR FLOOD LED FIXTURE.

CEILING OUTLET – SURFACE OR PENDANT LED FIXTURE.

WALL OUTLET – GFCI DUPLEX OUTLET, 20A, 125V, GROUNDED, WEATHERPROOF, HUBBELL #GF-5362-GY – GREY WITH #S-26 PLATE. ("WP" DENOTES EXTRA DUTY METAL IN-USE WEATHERPROOF COVER)

FLOOR OUTLET – CONDUIT STUB UP.

CEILING OUTLET – JUNCTION BOX.

WALL OUTLET – JUNCTION BOX WITH FLEXIBLE CONNECTION TO EQUIPMENT.

$ SWITCH OUTLET – AC TYPE, SINGLE POLE, 20A, 120/277V, HUBBELL #1221 – GREY.("N" DENOTES NARROW)

LIGHTING PANEL – SEE SPECIFICATIONS AND SCHEDULE.

POWER PANELS – SEE SPECIFICATIONS AND SCHEDULE.

BRANCH CIRCUIT CONCEALED IN WALL OR CEILING.

BRANCH CIRCUIT CONCEALED IN FLOOR OR GROUND.

HOMERUN TO PANELBOARD – ANY CIRCUIT WITHOUT FURTHER DESIGNATION 2 # 12 & 1 # 12(G) – 1/2" CONDUIT.
3 # 12 & 1 # 12(G) – 3/4" CONDUIT. 4 # 12 & 1 # 12(G) – 3/4" CONDUIT.

EMPTY CONDUIT – 3/4".

BRANCH CIRCUIT EXPOSED.

NON-FUSED DISCONNECT SWITCH. (RT – RAINTIGHT).

FUSED DISCONNECT SWITCH. (RT – RAINTIGHT).

A.F.F.	ABOVE FINISHED FLOOR.
A.F.G.	ABOVE FINISHED GRADE.
B.F.C.	BELOW FINISHED CEILING.
VER.	VERIFY LOCATION.
N.E.C.	NATIONAL ELECTRICAL CODE.

GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL ORDINANCES. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS.
2. CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL DETAILS OF THE WORK AND ALL EXISTING FIELD CONDITIONS.
3. CONTRACTOR SHALL PROVIDE A COMPLETE ELECTRICAL INSTALLATION INCLUDING ALL WORK CUSTOMARILY INCLUDED EVEN IF NOT SPECIFICALLY CALLED OUT.
4. THE ELECTRICAL CONTRACTOR SHALL CAREFULLY COORDINATE HIS WORK WITH OTHER CONTRACTORS THROUGH THE GENERAL CONTRACTOR FOR SPACE REQUIREMENTS, ETC.
5. CONTRACTOR SHALL VERIFY ALL EQUIPMENT NAMEPLATE DATA BEFORE ANY WORK IS DONE AND MAKE ANY ADJUSTMENTS IN BREAKER AND WIRE SIZE AS MAY BE REQUIRED.
6. SHOULD THE CONTRACTOR FIND DISCREPANCIES OR OMISSIONS IN THE CONTRACT DOCUMENTS OR BE IN DOUBT AS TO INTENT, HE SHALL IMMEDIATELY OBTAIN CLARIFICATION FROM THE ARCHITECT OR ENGINEER.
7. THE ELECTRICAL DRAWINGS ARE SCHEMATIC AND ARE NOT INTENDED TO SHOW THE EXACT LOCATION OF CONDUIT, OUTLETS, ETC.. THE CONTRACTOR SHALL REFER TO ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS AND SHALL FIT HIS WORK TO CONFORM WITH THE BUILDING CONSTRUCTION AND WITH THE OTHER TRADES.
8. MOUNTING HEIGHTS OF ALL WALL OUTLETS SHALL BE AS FOLLOWS UNLESS OTHERWISE INDICATED:
   WALL SWITCHES.....4'-0" (TO CENTER OF BOX)
   RECEPTACLES.....1'-6" (TO CENTER OF BOX)
9. CONTRACTOR SHALL CHECK ALL LIGHT FIXTURES FOR EXACT MOUNTING TYPE AND SPACE REQUIRED PRIOR TO ROUGH-IN.
10. BRANCH CIRCUITS SHALL BE #12 AWG AND 1/2" CONDUIT MINIMUM. CONDUCTORS SHALL BE 98% CONDUCTIVITY COPPER. SEE SPECIFICATIONS FOR INSULATION TYPE.
11. ALL CONDUITS CROSSING EXPANSION JOINTS SHALL HAVE EXPANSION TYPE FITTINGS.
12. VERIFY EXACT LOCATION OF ALL EQUIPMENT BEFORE ROUGHING IN.
13. SUPPORT OF ALL LIGHTING FIXTURES SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR. SEE SPECIFICATIONS FOR SUPPORTING METHODS.
14. COORDINATE SERVICES WITH POWER AND COMMUNICATION COMPANIES. REMOVE OR RELOCATE ALL POWER AND COMMUNICATIONS CIRCUITS ABOVE OR BELOW GRADE THAT WOULD OBSTRUCT CONSTRUCTION OF THE PROJECT OR CONFLICT IN ANY MANNER WITH COMPLETION OF THE PROJECT OR ANY CODE PERTAINING THERETO. IF UTILITY COMPANY REQUIREMENTS ARE AT A VARIANCE WITH THESE DRAWINGS AND SPECIFICATIONS, THE CONTRACT PRICE SHALL INCLUDE THE ADDITIONAL COST.
15. THIS CONTRACTOR SHALL INSTALL EQUIPMENT GROUNDS THROUGHOUT THIS PROJECT, USING GREEN INSULATED CONDUCTORS. USE OF CONDUIT AS THE ONLY GROUND CONDUCTOR WILL NOT BE ALLOWED. SIZE GROUND CONDUCTORS PER N.E.C..
16. ALL UTILITY FEES ASSOCIATED WITH THIS PROJECT SHALL BE INCLUDED IN BID. IF THESE FEES CANNOT BE OBTAINED FROM THE UTILITY PRIOR TO BID, THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY.
17. CONTRACTOR SHALL FIELD MARK ALL ELECTRICAL EQUIPMENT WITH ARC-FLASH WARNING LABELS PER NEC 110.16.
18. CONTRACTOR SHALL PROVIDE RECORD DRAWINGS AND MANUALS THAT PROVIDE INSTRUCTION ABOUT OPERATION AND MAINTENANCE OF THE BUILDING ELECTRICAL DISTRIBUTION SYSTEM TO THE OWNER WITHIN 30 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE.
19. CONTRACTOR SHALL COORDINATE VOLTAGE AND PHASE OF EACH PIECE OF ELECTRICAL EQUIPMENT WITH THE ELECTRICAL CONTRACTOR PRIOR TO SUBMITTING AND ORDERING EQUIPMENT.
20. VERIFY EXACT LOCATION AND EXACT MOUNTING HEIGHT OF ALL ELECTRICAL EQUIPMENT AND ELECTRICAL CONNECTIONS WITH THE ARCHITECT AND THE OWNER PRIOR TO ROUGH-IN.

LIGHTING FIXTURE SCHEDULE

MARK	MANUFACTURER	CATALOG NO.	LAMPS			MOUNTING HEIGHT	TYPE MOUNTING	RECESS DEPTH	REMARKS
			NO.	WATTS	TYPE				
N1	HYDREL	4750L-2FT-500LMF-50K-MVOLT-WFL-KMS-PSSA-ZT-NT-CR-DDB	FURNISHED WITH FIXTURE			GROUND	CONCRETE BASE		SEE NOTES 1, 2 & 3

NOTES:
1. VERIFY FINISH WITH ARCHITECT.
2. EQUALS BY DAYBRITE AND COLUMBIA WILL BE ACCEPTABLE.
3. AIM LIGHT FIXTURES AS REQUIRED.

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CONSTRUCTION DOCUMENTS

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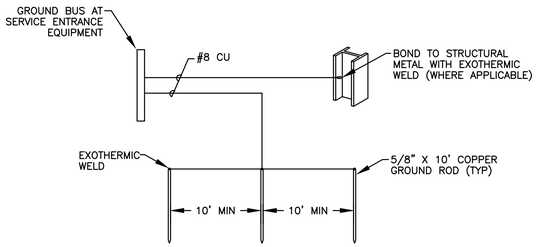
SYMBOLS, NOTES AND LIGHTING FIXTURE SCHEDULE

Sheet Number

BI.A/E1.1

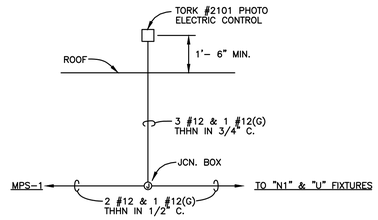
ALABAMA REGISTERED No. 22753 PROFESSIONAL ENGINEER STANLEY J. McCARTER
08-31-23

McCARTER ENGINEERING
ELECTRICAL ENGINEERING CONSULTANTS
PHONE: (256) 240-7335
978 AVALON LANE
ANNISTON, AL 36207
M.E. JOB #2317



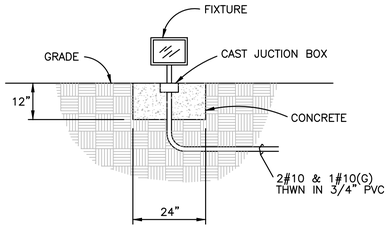
GROUNDING DETAIL

N.T.S.



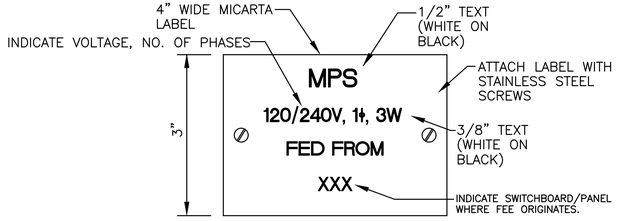
P.E. CELL DETAIL

N.T.S.



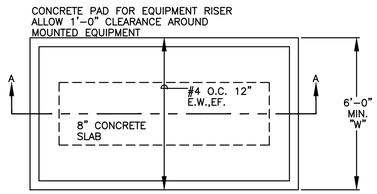
GROUND MOUNTED LIGHT DETAIL

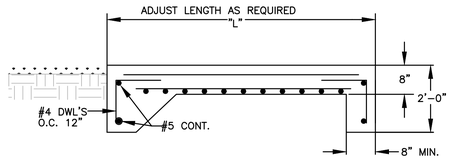
N.T.S.



PANEL LABEL DETAIL

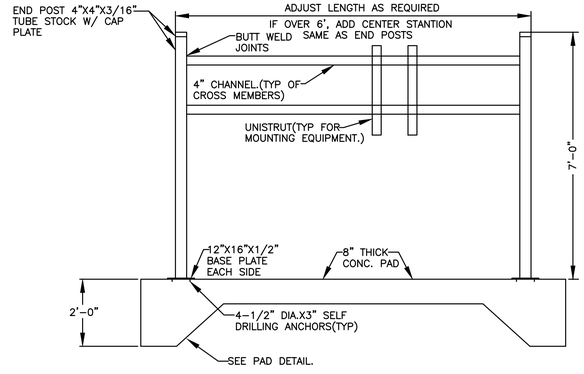
N.T.S. (TYPICAL)





CONCRETE PAD FOR EQUIPMENT RACK DETAIL

N.TS.



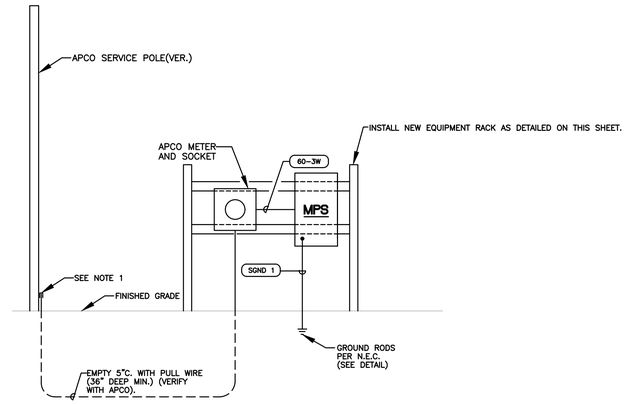
EQUIPMENT MOUNTING RACK DETAIL

N.TS.

PANELBOARD SCHEDULE

MARK	TYPE	MAINS			BRANCHES					LUG LOCATION	TYPE MOUNTING	MINIMUM AIC RATING	REMARKS
		TYPE	AMPS	SERVICE	1 POLE	2 POLE	3 POLE	SPARES	SPACES				
MPS	NQOD	MB	60	120/240V 1ø, 3W	2–15 8–20	1–15 7–20 1–35 2–60		6–20/1	4–1PS	BOTTOM	SURFACE	VERIFY WITH APCO	SEE NOTE 1, 2 & 3

NOTES:
1. PANEL SHALL BE RATED FOR SERVICE ENTRANCE EQUIPMENT.
2. PANEL SHALL BE FULLY RATED AND HAVE HINGED FRONT TRIM.
3. PANEL SHALL BE EQUIPPED WITH BUILT-IN SURGE PROTECTION, CAPABLE OF WITHSTANDING A TRANSIENT SURGE OF 160,000 AMPS.



ELECTRICAL SINGLE LINE DIAGRAM

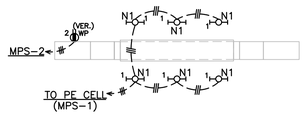
N.T.S.

NOTES:
1. STUB UP AT BASE OF POLE FOR 120/240V, 1ø, 3W UNDERGROUND APCO SERVICE FROM FROM OVERHEAD TRANSFORMER.

FEEDER/GROUND CONDUCTOR SCHEDULE

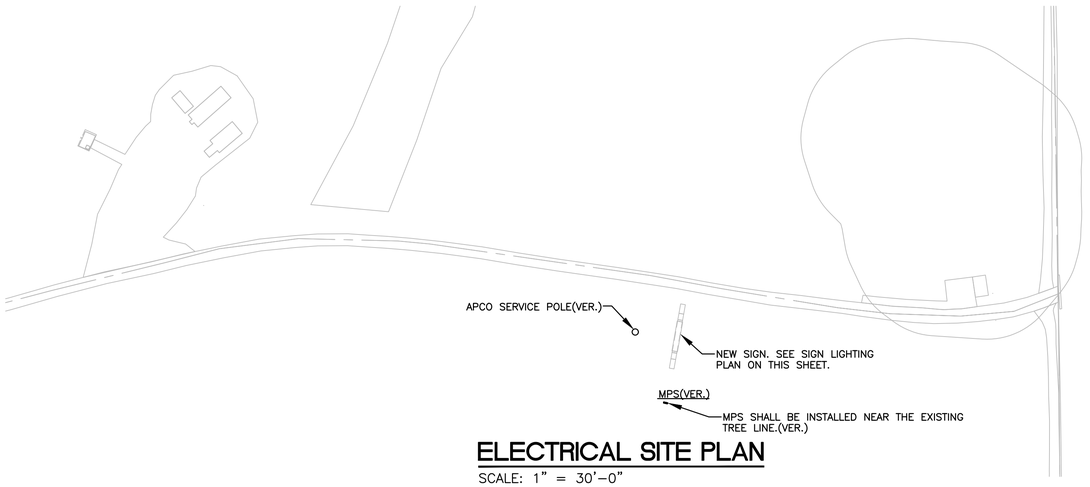
AMPS	1 ø WIRE TAG	SINGLE PHASE FEEDER/EQUIPMENT
60 W/O GND	60–3W	3 #4 IN 1–1/4" C.
MISCELLANEOUS TAGS		
	SGND 1	1 #8 CU IN 1/2" C.

NOTE:
ALL 120 VOLT CIRCUIT WIRE SIZES SHALL BE BASED UPON DISTANCE FROM PANELBOARD FEEDING THE CIRCUITS AS FOLLOWS AND THE CIRCUITS SHALL HAVE A 3% VOLTAGE DROP OR LESS:
LESS THAN 75 FEET.....#12 AWG
BETWEEN 76' AND 125'.....#10 AWG
BETWEEN 126' AND 190'....#8 AWG



SIGN LIGHTING PLAN

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



ELECTRICAL SITE PLAN

SCALE: 1" = 30'-0"

08-31-23

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CONSTRUCTION DOCUMENTS

Project Number: 23–1299
Date: 31 AUGUST 2023
Revisions:

Sheet Description

SCHEDULES, LIGHTING PLAN, SINGLE LINE DIAGRAM, SITE PLAN AND DETAILS

Sheet Number

E2.1

PRINTED: 8/31/2023 @ 1:48PM

FILE NAME: W:\JMRH Projects 2023\23-1299 Pelham Renaming - Officers Quarters 1026\L1.1 Landscape Plan.dwg

SITE AND LANDSCAPING CONSTRICTION

GENERAL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS OR DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB, ETC., AND ALL REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.UTILITY COMPANIES MATERIALS AND CONSTRUCTION METHODS FOR STREETS AND STORM DRAINAGE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LOCAL REGULATORY AGENCY.
2. MATERIALS AND CONSTRUCTION METHODS FOR STREETS AND STORM DRAINAGE CONSTRUCTION SHALL BE IN ACCORDANCE WITH LOCAL REGULATORY AGENCY.
3. THE CONTRACTOR SHALL REVIEW SOIL REPORTS AND BORINGS PRIOR TO BIDDING THEPROJECT AND COMMENCING CONSTRUCTION.
4. THE CONTRACTOR SHALL USE EACH PLAN IN CONJUNCTION WITH THE ENTIRE SET OF DRAWINGS AND JOB SPECIFICATIONS. DO NOT REMOVE OR DEMOLISH ANYTHING WITHOUT VERIFYING AND COORDINATION WITH ALL ELECTRICAL, PLUMBING, MECHANICAL, GENERAL TRADES, AND UTILITY COMPANIES AS THEY EFFECT THE OVERALL PROJECT.
5. REFER TO ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS, & UTILITY ENTRANCES.
6. THE CONTRACTOR SHALL REFER TO ARCHITECT'S PLANS FOR EXACT DIMENSIONS, SLOPE PAVING, COLUMNS, DOOR LOCATIONS, SIDEWALKS, EXIT PORCHES, RAMPS, DRAINAGE CONNECTIONS, AND UTILITY ENTRANCE LOCATIONS.
7. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
8. ALL WORK AND MATERIAL SHALL COMPLY WITH ALL REGULATORY AGENCY'S REGULATIONS AND CODES AND OSHA STANDARDS.
9. PRIOR TO ANY WORK ON-SITE, THE CONTRACTOR SHALL CONTACT THE ONE CALL SYSTEM. THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY REMOVALS. IF APPLICABLE, WHETHER LOCATED BY THE ONE CALL SYSTEM OR NOT.

EROSION CONTROL NOTES:

1. PRIOR TO CONSTRUCTION, THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE SITE PLAN SHALL BE IN PLACE. CLEARING AND GRUBBING OPERATIONS WILL BE ENGAGED IN ONLY AS NECESSARY TO ALLOW THE PLACEMENT OF EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN UNTIL ALL SUCH MEASURES ARE IN PLACE. LAND DISTURBING ACTIVITIES SHALL BE KEPT TO A MINIMUM AND WILL NOT EXTEND BEYOND THE LIMITS SHOWN.
2. SILT FENCES SHALL BE CLEANED OR REPLACED WHEN TRAPPED SEDIMENT REACHES 50 PERCENT OF THE ABOVE GROUND FENCE HEIGHT OR PER MANUFACTURER'S SPECIFICATIONS.
3. SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSPECTED ON A WEEKLY BASIS AND REPAIRED, ADJUSTED AND MAINTAINED AS NEEDED OR REQUIRED AT NO ADDITIONAL EXPENSE TO THE OWNER TO PROVIDE EROSION AND SEDIMENT CONTROL FOR THE DURATION OF CONSTRUCTION AND UNTIL ALL DISTURBED AREAS ARE STABILIZED.
4. ALL EROSION CONTROL MEASURES EXCEPT THE REQUIRED RIP RAP ARE TEMPORARY DEVICES. THESE TEMPORARY DEVICES SHALL BE REMOVED PRIOR TO COMPLETION OF CONSTRUCTION ONCE STABILIZATION OF ALL GRASSED AREAS ARE COMPLETE.
5. ADDITIONAL DEVICES MAY BE REQUIRED AS DEEMED NECESSARY BY A/E.
6. ALL GRADED AREAS SHALL BE STABILIZED WITH A PERMANENT FAST GROWING COVER AND/OR MULCH UPON COMPLETION OF GRADING OPERATIONS. COMPLETION OF GRADING OPERATIONS DOES NOT MEAN AT THE END OF THE PROJECT. AS SOON AS FINAL GRADES ARE ESTABLISHED IN AN UNPAVED AREA, THE CONTRACTOR SHALL STABILIZE WITH A TEMPORARY GRASS OR PERMANENT SOD. IF A TEMPORARY GRASS IS APPLIED, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO APPLY A PERMANENT SEED OR SOD AT THE PROPER TIME OF YEAR AS SHOWN ON DRAWINGS.
7. FILL SLOPES SHOULD BE PLANTED AS SOON AS AN AREA OF THE SITE IS BROUGHT TO FINAL GRADE. SURFACE RUNOFF SHALL BE INTERCEPTED AT THE TOP OF TEMPORARY AND PERMANENT SLOPES DURING CONSTRUCTION SO THAT WATER IS NOT ALLOWED TO FLOW OVER THE SLOPE FACE.
8. THE GENERAL CONTRACTOR AND THE GRADING CONTRACTOR SHALL REVIEW THEIR PROPOSED GRADING SEQUENCE TO INSURE THAT THE LEAST AMOUNT OF LAND POSSIBLE AT ANY ONE TIME IS DISTURBED WITH OUT PERMANENT STABILIZATION.
9. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE COMPLIANCE WITH ALL PERMIT REQUIREMENTS. THIS INCLUDES, BUT IS NOT LIMITED TO, INSPECTION REQUIREMENTS.

GENERAL DEMOLITION NOTES & SPECIFICATIONS:

1. THE CONTRACTOR IS RESPONSIBLE TO VERIFY EXISTING UTILITIES PRIOR TO DEMOLITION AND EXCAVATION.
2. THE CONTRACTOR IS RESPONSIBLE TO COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS IN THE REMOVAL/DEMOLITION OF HAZARDOUS MATERIALS.
3. THE CONTRACTOR IS RESPONSIBLE FOR ALL REGISTRATIONS, PERMITS, AND FEES REQUIRED TO REMOVE AND PROPERLY DISPOSE OF ALL MATERIALS.
4. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING APPROVALS AND NOTIFICATIONS TO ALL LOCAL, STATE AND FEDERAL AUTHORITIES.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISCONNECTION OF THE UTILITY SERVICES TO THE EXISTING STRUCTURES PRIOR TO DEMOLITION OF ANY BUILDINGS. THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES.
6. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES.
7. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION AND REMOVAL OF ALL STRUCTURES, PADS, WALLS, FLUMES, FOUNDATIONS, PARKING, DRIVES, DRAINAGE STRUCTURES, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE, COMPACT FILL MATERIAL PER THE SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS INVOLVED AND IS RESPONSIBLE FOR REMOVING AND DUMPING THE DEBRIS IN AN APPROVED, LAWFUL MANNER.
8. IF NOT SHOWN ON THE DEMOLITION DRAWINGS, THE CONTRACTOR SHALL REMOVE ALL EXISTING MATERIALS AS NECESSARY TO COMPLETE ALL NEW WORK AS REQUIRED BY OTHER PORTIONS OF THE CONTRACT DOCUMENTS.
9. ALL EXISTING UTILITIES ARE TO BE REMOVED, TERMINATED AND CAPPED AT THE RIGHT-OF-WAY. ALL EXISTING METERS, VALVES, ETC. ARE TO BE REMOVED UNLESS OTHERWISE NOTED ON THE PLANS.
10. ALL EXISTING SERVICE LINES FOR TELEPHONE, ELECTRIC, SEWER, AND CABLE TELEVISION SERVICES ARE TO BE REMOVED TO EXISTING TRUNK LINES UNLESS OTHERWISE NOTED.
11. ALL EXISTING FENCES, SIGNS, POWER POLES, AND LIGHT POLES LOCATED ON-SITE SHALL BE DEMOLISHED AND REMOVED UNLESS OTHERWISE NOTED.
12. THE CONTRACTOR IS RESPONSIBLE FOR ALL COSTS INVOLVED IN THE REMOVAL OR RELOCATION OF ANY UTILITY. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH APPLICABLE UNTILITY COMPANIES.
13. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES THAT MAY HAVE UTILITIES ON THE SITE TO GET A DETERMINATION IF ANY UTILITIES EXISTING WILL BE IMPACTED. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING IF THE UTILITIES SHOULD BE ABANDONED OR REMOVED.
14. ALL AREAS WHERE PAVEMENT, STRUCTURE SLABS, FOUNDATIONS, UTILITIES, CONDUITS, AND/OR UTILITY STRUCTURES HAVE BEEN REMOVED SHALL BE BACKFILLED WITH SELECT BACKFILL MATERIAL. ALL SELECT BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED PER THE REQUIREMENTS OF SPECIFICATIONS AND THE OWNERS GEOTECHNICAL ENGINEER.
15. THE CONTRACTOR IS RESPONSIBLE FOR WALKING SITE AND DETERMINING EXTENTS OF DEMOLITION WORK PRIOR TO BID DATE.
16. THE CONTRACTOR SHALL COORDINATE REMOVAL OF EXISTING ELECTRICAL SERVICES ON-SITE WITH THE POWER COMPANY. POWER COMPANY IS RESPONSIBLE FOR THE DISCONNECTION AND REMOVAL OF EXISTING SERVICES UNLESS OTHERWISE NOTED.
17. LIMITS OF PAVEMENT SHOWN TO BE REMOVED ARE APPROXIMATE AND FOR REFERENCE ONLY. THE CONTRACTOR SHALL FIELD VERIFY THE LIMITS OF PAVEMENT TO DETERMINE THE EXTENT OF THE EXISTING PAVEMENT TO BE REMOVED.
18. SALVAGE RIGHTS FOR ALL DEMOLISHED MATERIALS SHALL BE FIRST GIVEN TO THE OWNER. ANY MATERIALS NOT RETAINED BY THE OWNER SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
19. CONDITIONS EXISTING AT TIME OF INSPECTION FOR BIDDING PURPOSE WILL BE MAINTAINED BY OWNER AS FAR AS PRACTICAL.
20. THE CONTRACTOR TO MAINTAIN AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING DEMOLITION OPERATIONS.
21. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.
22. PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE.
23. DO NOT BURN DEMOLISHED MATERIALS.
24. IT IS UNDERSTOOD THAT ALL ABOVE GROUND ITEMS TO BE REMOVED INCLUDE THEIR ASSOCIATED BELOW GROUND COMPONENTS (I.E. FOUNDATIONS, UTILITY CONNECTIONS, ETC.)
25. ALL TREES INSIDE THE LIMITS OF DISTURBANCE ARE TO BE REMOVED UNLESS NOTED OTHERWISE.
26. EXISTING STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE ABANDONED, REMOVED, OR RELOCATED PER PLANS. ALL COST SHALL BE INCLUDED IN BASE BID.

SITE PLAN NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS AND POLES, ETC. AS REQUIRED FOR ALL SITE IMPROVEMENTS. ALL WORK SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
2. EXISTING UTILITY LINES SHOWN ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LINE LOCATIONS PRIOR TO ANY CONSTRUCTION. ANY DEVIATIONS FROM THE DESIGN LOCATIONS SHALL BE REPORTED TO THE ARCHITECT OR ENGINEER PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL AREAS INDICATED TO REMAIN UNDISTURBED OR TO REMAIN AS BUFFERS, ALL PROPERTY CORNERS, AND COORDINATION OF A REGISTERED LAND SURVEYOR TO REPLACE ALL PINS ELIMINATED OR DAMAGED DURING CONSTRUCTION.
4. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS OR DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB, ETC, AND ALL REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
5. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL UNDERGROUND UTILITIES WITH HIS WORK. ALL UNDERGROUND UTILITIES (WATER, SANITARY SEWER, STORM SEWER, ELECTRICAL CONDUIT, IRRIGATION SYSTEMS, AND ANY OTHER MISCELLANEOUS UTILITIES) SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF BASE COURSE MATERIAL, AND THE PLACEMENT OF ANY APPROPRIATE SOIL STABILIZATION TECHNIQUE.
6. THE CONTRACTOR SHALL PROVIDE BOLLARDS FOR PROTECTION OF ALL ABOVE GROUND UTILITIES AND APPURTENANCES ADJACENT TO DRIVE AREAS.
7. THE CONTRACTOR SHALL MATCH EXISTING PAVEMENT IN GRADE AND ALIGNMENT.

DIMENSION NOTES:

1. ALL DIMENSIONS SHOWN TO BUILDING ARE TO FACE OF STRUCTURAL FOUNDATIONS.
2. ALL CURB DIMENSIONS ARE TO THE FACE OF GUTTER OF CURB UNLESS OTHERWISE NOTED.

PAVING & STRIPING NOTES - ALTERNATE NO. 1:

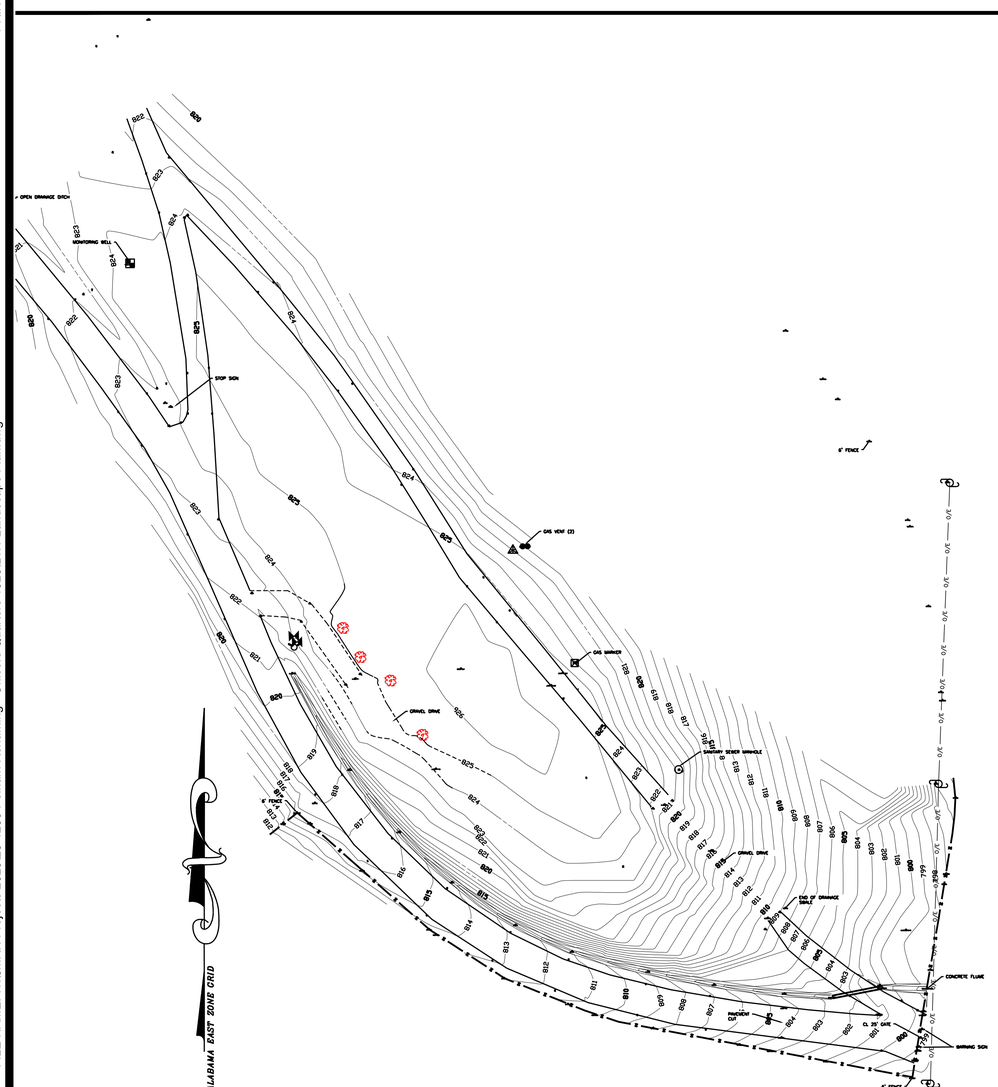
1. NOTIFY A/E THREE (3) DAYS PRIOR TO POUR OF INITIAL SECTION OF DRIVEWAY PAVING. CLIENT REPRESENTATIVE TO APPROVE INITIAL POUR.
2. TESTING OF MATERIALS REQUIRED FOR THE CONSTRUCTION OF THE PAVING IMPROVEMENTS SHALL BE PERFORMED BY AN AGENCY, APPROVED BY THE OWNER, FOR TESTING MATERIALS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE, BY THE STANDARD TESTING PROCEDURES, THAT THE WORK CONSTRUCTED MEETS THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS AND THE SAME TESTING COST WILL BE BY GENERAL CONTRACTOR.
3. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PAVEMENT MARKINGS FOR PARKING STALLS AND MISCELLANEOUS STRIPING WITHIN PARKING LOT AND AROUND BUILDING IN ALTERNATE NO. 1 SEE MEP PLANS PRIOR TO PAVING FOR LOCATION OF PROPOSED SLEEVING AND CONDUITS. EXTRA CONDUIT SHALL BE PLACED UNDER DRIVEWAYS FOR FUTURE USE.
4. ALL DISCREPANCIES FOUND BY CONTRACTOR RELATED TO UNDERGROUND UTILITIES OR OTHER APPURTENANCES SHALL BE RESOLVED TO THE SATISFACTION OF A/E PRIOR TO PLACEMENT OF ANY PAVING. THE CONTRACTOR TO ENSURE POSITIVE DRAINAGE FROM THE PROPOSED BUILDINGS AND NO PONDING IN SUBGRADE OF AREAS TO BE PAVED AND NOTIFY A/E IF ANY DISCREPANCIES ARE FOUND PRIOR TO INSTALLATION OF ANY PAVING.
5. EXISTING MANHOLE TOPS, VALVE BOXES, ETC. TO REMAIN ARE TO BE ADJUSTED AS REQUIRED TO MATCH PROPOSED GRADES. IF NECESSARY, RE-ADJUSTMENTS SHALL BE PERFORMED UPON COMPLETION OF PAVING AND FINE GRADING TO ENSURE A SMOOTH TRANSITION.
6. ALL JOINTS SHALL EXTEND THROUGH THE CURB.
7. COMPACTION SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.
8. ALL PAVEMENT TO BE SLOPED FOR POSITIVE DRAINAGE.
9. ALL PAINT STRIPING SHALL BE APPLIED IN TWO EQUAL COATS TO A TOTAL THICKNESS OF 15 MILS.

GRADING PLAN NOTES:

1. EXISTING CONTOURS INTERVAL IS SHOWN AT ONE FOOT (1').
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY A/E OF ANY UTILITY CONFLICTS WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
3. ALL CUT OR FILL SLOPES SHALL BE 4:1 OR FLATTER UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION.
5. CLEARING AND GRUBBING LIMITS SHALL INCLUDE ALL AREAS DISTURBED BY GRADING OPERATIONS. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UNDISTURBED AREAS, ALL PROPERTY CORNERS, AND COORDINATION OF A REGISTERED LAND SURVEYOR TO REPLACE ALL PINS ELIMINATED OR DAMAGED DURING CONSTRUCTION.
6. EXISTING DRAINAGE STRUCTURES TO REMAIN ARE TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILTS AND DEBRIS.
7. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. AND ALL REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
8. ALL UN-SURFACED AREAS DISTURBED BY GRADING OPERATIONS SHALL RECEIVE FOUR INCHES (4") OF TOPSOIL, SOD, WATER, ETC. THE CONTRACTOR SHALL GRASS DISTURBED AREAS IN ACCORDANCE WITH THE LANDSCAPE PLAN UNTIL HEALTHY STAND OF GRASS IS OBTAINED.
9. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON DRAWINGS.
10. THE CONTRACTOR SHALL TRIM, TACK, AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT.
11. REFERENCE STRUCTURAL SPECIFICATIONS AND GEOTECHNICAL REPORT FOR BUILDING PAD PREPARATION AND COMPACTION.
12. THE CONTRACTOR TO REVIEW BORING LOGS PROVIDED BY THE CLIENT.
13. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT AND SHALL HAVE TRAFFIC BEARING RING AND COVERS.
14. EXISTING MANHOLE TOPS, VALVE BOXES, ETC. TO REMAIN ARE TO BE ADJUSTED AS REQUIRED TO MATCH PROPOSED GRADES. IF NECESSARY, RE-ADJUSTMENTS SHALL BE PERFORMED UPON COMPLETION OF PAVING AND FINE GRADING TO ENSURE A SMOOTH TRANSITION.
15. THE CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS AS OUTLINED IN THE GENERAL N.P.D.E.S. PERMIT FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
16. THE CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDING AND FOR ALL NATURAL AND PAVED AREAS.

UTILITY NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES (ABOVE AND BELOW GROUND) AS SHOWN ON THE THESE PLANS IS BASED ON RECORD ON EITHER THE VARIOUS UTILITY COMPANIES, VISUAL OBSERVATIONS AT THE SITE, EXISTING SURVEYS AND/OR WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT LOCATIONS OF EXISTING UTILITIES (ABOVE AND BELOW GROUND) BEFORE BEGINNING ANY CONSTRUCTION. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST FORTY-EIGHT HOURS (48 HRS) BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. THE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION. EXISTING UTILITY LINES SHOWN ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LINE LOCATIONS PRIOR TO ANY CONSTRUCTION. ANY DEVIATIONS FROM THE DESIGN LOCATIONS SHALL BE REPORTED TO THE A/E OF RECORD PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR TO REMOVE OR RELOCATE WHEN APPLICABLE, ALL EXISTING BUILDINGS, FOUNDATIONS, CONNECTING IMPROVEMENTS, DRAINPIPES, SANITARY SEWER PIPE, POWER POLES AND GUY WIRES, WATER METERS AND WATER LINES, WELLS, SIDEWALKS, SIGN POLES, UNDERGROUND GAS, SEPTIC TANKS, AND ASPHALT, SHOWN AND NOT SHOWN, WITHIN CONSTRUCTION LIMITS AND WHERE NEEDED, TO ALLOW FOR FILL MATERIAL, UNLESS OTHERWISE DENOTED, TO BE REMOVED AS UNCLASSIFIED EXCAVATION.
4. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
5. THE CONTRACTOR SHALL REFER TO PLANS AND SPECIFICATIONS FOR ACTUAL LOCATION OF ALL UTILITY ENTRANCES TO INCLUDE SANITARY SEWER LATERALS, DOMESTIC AND FIRE PROTECTION WATER SERVICE, ELECTRICAL, AND TELEPHONE. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH CITY UTILITY REQUIREMENTS AS TO LOCATIONS AND SCHEDULING FOR CONNECTIONS PRIOR TO CONNECTING EXISTING FACILITIES. THE CONTRACTOR SHALL COORDINATE WITH PLANS, POWER COMPANY, & TELEPHONE COMPANY FOR ACTUAL ROUTING OF POWER AND TELEPHONE SERVICE TO BUILDING.
7. THE CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARD OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, AND OTHER MEANS OF PROTECTION. THIS TO INCLUDE BUT NOT LIMITED TO, ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE PERFORMANCE CRITERIA FOR OSHA.
8. THE CONTRACTOR SHALL COORDINATE WITH OTHER UTILITIES TO ASSURE PROPER DEPTH AND PREVENT ANY CONFLICT OF UTILITIES.
9. THE MINIMUM HORIZONTAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER AND SEWER LINES IS TEN (10) FEET, OR MINIMUM VERTICAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER AND SEWER LINE IS EIGHTEEN (18) INCHES.
10. THE CONTRACTOR SHALL GROUT AROUND ALL PIPE ENTRANCES TO SANITARY SEWER MANHOLES WITH NON-SHRINKING GROUT TO ASSURE CONNECTION IS WATERTIGHT.
11. THE CONTRACTOR SHALL CALL ON ALL UTILITIES, COORDINATE INSPECTION WITH THE APPROPRIATE AUTHORITIES PRIOR TO COVERING TRENCHES AT INSTALLATION.
12. THE CONTRACTOR SHALL CONDUCT ALL REQUIRED TESTS TO THE SATISFACTION OF THE RESPECTIVE UTILITY COMPANIES AND A/E INSPECTING AUTHORITIES.
13. THE SITE CONTRACTOR TO COORDINATE PROPOSED RECONNECTION OF ALL UTILITIES WITH PLANS AS WELL AS UTILITY COMPANIES AND BUILDING CONTRACTOR. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL EXPENSES THAT RESULT FROM DELAYED OR FAILED TEST DURING ANY PHASE OFTHE CONSTRUCTION PROCESS. THIS INCLUDES FEES INCURRED THROUGH RESCHEDULING OF ANY EQUIPMENT TO ACCOMMODATE.
14. ALL WATER AND SANITARY SEWER CROSSINGS TO BE PERPENDICULAR WITH A FULL STICK OF DUCTILE IRON PIPE IN THE SEWER LINES AT THE CROSSING OR AS INDICATED ON THE PLANS.
15. THE CONTRACTOR TO COORDINATE WITH SIGNAGE CONTRACTOR AND ARCHITECT FOR EXACT LOCATION OF SIGNAGE, REQUIRED ELECTRICAL CONDUITS, FOUNDATIONS, ETC.
16. THE CONTRACTOR SHALL PROVIDE BOLLARDS FOR PROTECTION OF ALL ABOVE GROUND UTILITIES AND APPURTENANCES ADJACENT TO DRIVE AREAS.
17. GEOTECHNICAL REPORT IS AVAILABLE FROM BUILDING AND EARTH FOR BOTH SITES.



LEGEND

	TREE #1- 18" PINE TREE
	TREE #2- 24" CEDAR TREE
	WATER VALVE
	FIRE HYDRANT
	SSMH
	EXISTING IRON PIN
	GAS MARKER
	GAS VENT
	MONITORING WELL
	CAPPED 1/2" REBAR (CA-497-LS)
	RAILROAD TRACKS
	EDGE OF PAVEMENT
	FENCE LINE
	CENTER LINE
	POWER POLE
	OVERHEAD ELECTRIC LINE

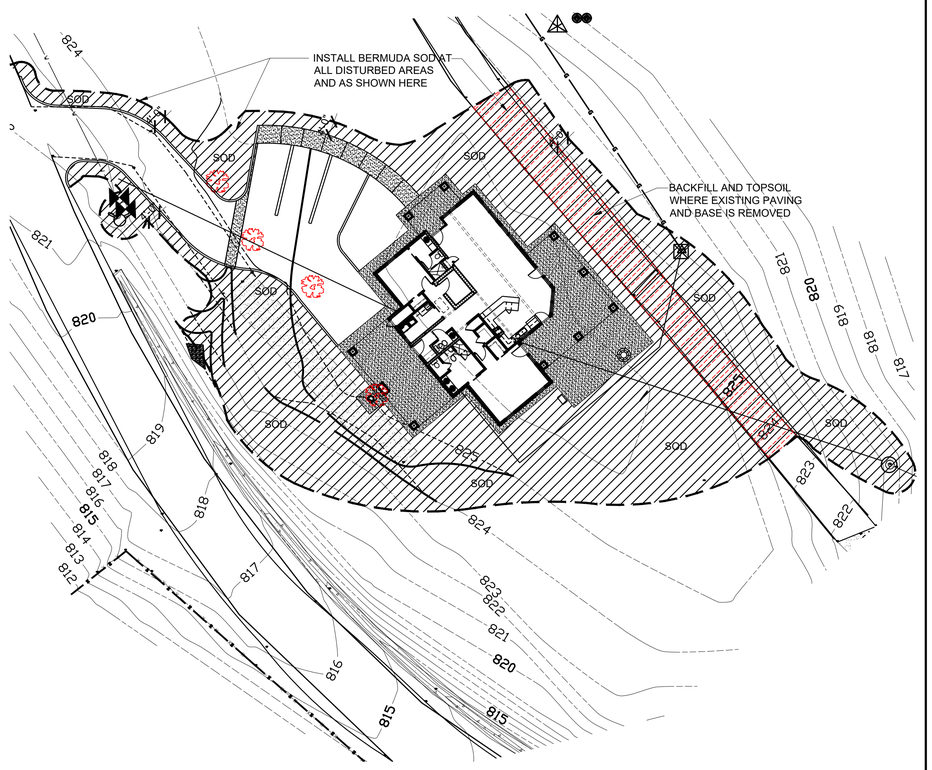
REVISIONS

JMR+H ARCHITECTURE
CALHOUN COUNTY, ALABAMA

JOB INFORMATION

DRAWN BY:	ADW	
CHECKED BY:	LWW	
FIELD NOTES:	2023/05 PG. 19	
SURVEY CREW:	CP, BW	
SURVEY #:	S23-414	S-T-R:

LW LS
LARRY WALKER
LAND SURVEYING, INC.
P.O. BOX 2726
5430 OLD HIGHWAY #278E
HOKES BLUFF, AL 35903
PHONE: (256)492-7940
FAX: (256)492-8417
EMAIL: LARRY.LWLS@GMAIL.COM



LANDSCAPE PLAN
SCALE: 1" = 20'

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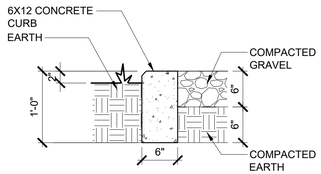
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CONSTRUCTION DOCUMENTS

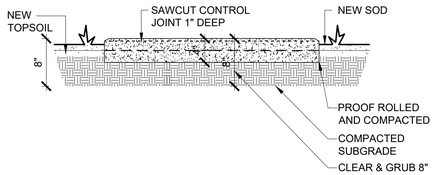
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Date: 31 AUGUST 2023
Revisions:

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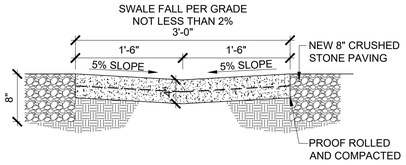
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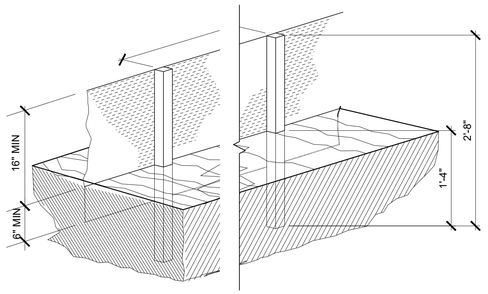
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SCALE: 1" = 1'- 0"



B C1.1 **SIDEWALK DETAIL**
SCALE: 1" = 1'- 0"



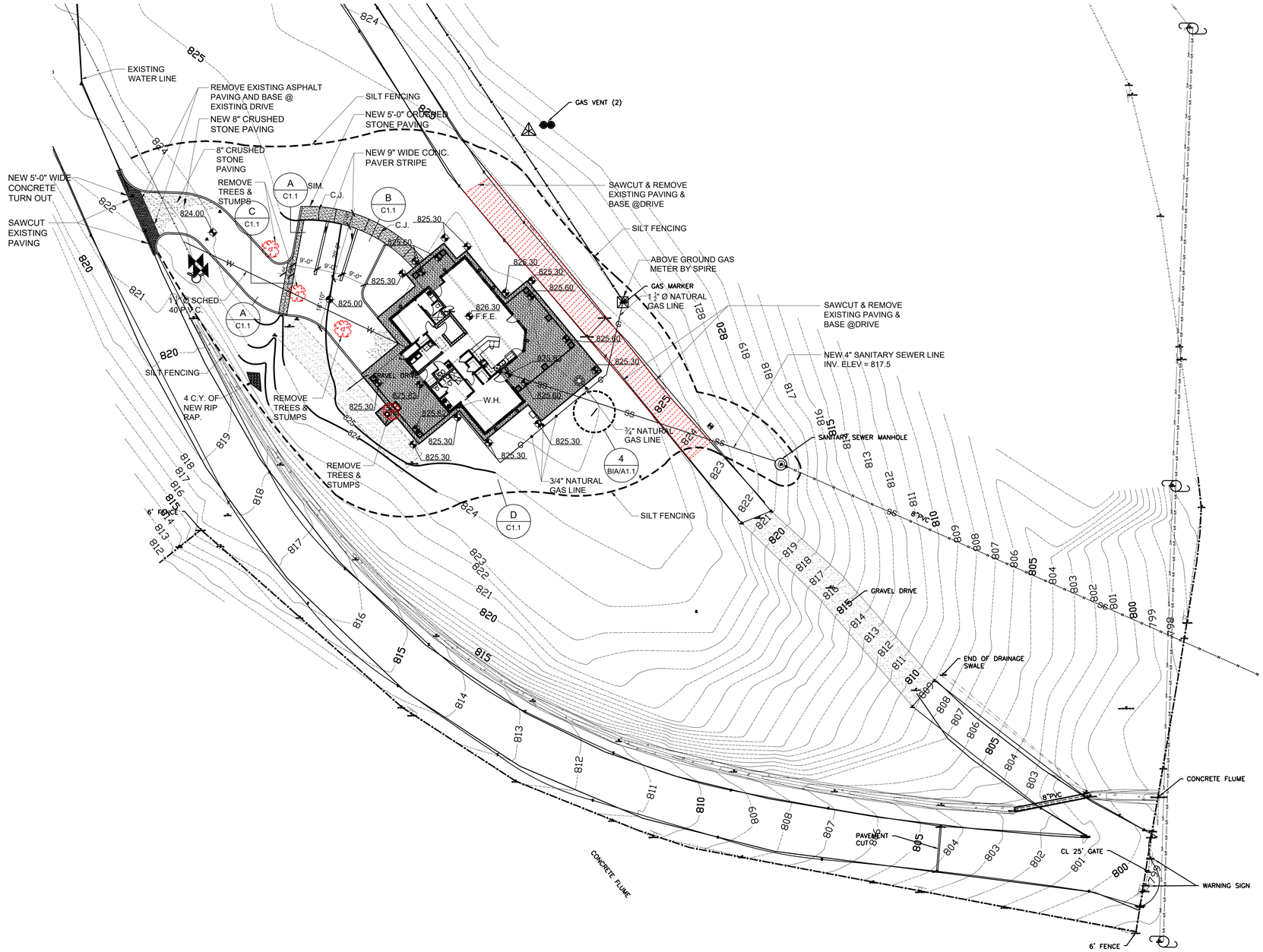
C C1.1 **SWALE DETAIL**
SCALE: 1" = 1'- 0"



D C1.1 **SILT FENCEING DETAIL**
SCALE: 1" = 1'- 0"

RESTRICTED AREA RESOURCES - STIPULATIONS FOR CONSTRUCTION PROJECTS

- THE CONTRACTOR SHOULD FIELD VERIFY ALL AREAS OF CONSTRUCTION TO ENSURE ALL RESTRICTED AREAS HAVE BEEN CLEARLY IDENTIFIED, COORDINATED, AND DOCUMENTED BY THE ALARNG ENV PRIOR TO CONSTRUCTION. SHOULD ANY CULTURAL OR NATURAL RESOURCE BE IDENTIFIED, NOT INDICATED ON THIS SHEET, CONTACT THE ARCHITECT / PROJECT MANAGER IMMEDIATELY.
- SHOULD HUMAN REMAINS BE DISCOVERED DURING ANY PHASE OF THE PROJECT, ALL WORK IN THE AREA OF THE DISCOVERY, THE CONTRACTOR MUST IMMEDIATELY CEASE ALL ACTIVITIES AND CONTACT THE ARCHITECT / PROJECT MANAGER IMMEDIATELY.
- IF GROUND DISTURBING ACTIVITIES ASSOCIATED WITH THE PROPOSED ACTION ENCOUNTER ABOVE-GROUND OR SUBSURFACE FEATURES, ARTIFACTS, OR OTHER CULTURAL RESOURCES; THE CONTRACTOR MUST IMMEDIATELY CEASE ALL WORK AND CONTACT THE ARCHITECT / PROJECT MANAGER IMMEDIATELY.
  - EXAMPLES OF THESE TYPES OF FEATURES OR RESOURCES INCLUDE, BUT ARE NOT LIMITED TO: HUMAN BURIALS/GRAVES, BUILDING FOUNDATIONS, STONE PILES, FENCES, POSTHOLES, BUILDING FOUNDATIONS, TRASH PITS, FRAGMENTED GLASS, CERAMIC, POTTERY, STONE IMPLEMENTS, METAL FASTENERS, ARROWHEADS, OR OTHER TOOLS.
- ALL WORK IN AREAS KNOWN TO CONTAIN CULTURAL RESOURCES SHALL COMPLY WITH 36 CFR 800 AND 16 USC 470AA-470MM (PUBLIC LAW 96-95, AS AMENDED).
- SUBSTANTIAL PENALTIES (CIVIL AND CRIMINAL) EXIST FOR VANDALISM, ALTERATION OR DESTRUCTION OF HISTORIC AND PREHISTORIC SITES ON FEDERAL LANDS, AS WELL AS THE SALE, PURCHASE, EXCHANGE, TRANSPORT, ETC., OF RESOURCES REMOVED FROM PUBLIC LANDS. VIOLATIONS WILL BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.
- RESTRICTED AREAS WITHIN THE ROUTE WILL BE FLAGGED FOR AVOIDANCE; AND ARE INDICATED ON THIS SHEET.
- THREATENED AND ENDANGERED SPECIES ARE LOCATED ALONG PORTIONS OF THE ROADS THAT WILL CONTINUE TO BE USED FOR VEHICLE TRAFFIC. NO CONSTRUCTION, IMPROVEMENTS, LOGGING OR CHANGES TO ROAD MAINTENANCE IN THESE SECTIONS OF THE ROAD CAN OCCUR. THESE ACTIVITIES INCLUDE ALL TYPES OF ROAD WORK, SUCH AS GRADING, BLADING, WIDENING, FILLING OR RE-SURFACING, DITCH/DRAINAGE CHANGES OR IMPROVEMENTS, AND TREE CLEARING OR REMOVAL.
- SENSITIVE RESTRICTED AREAS WILL BE CLEARLY MARKED BY SIGNAGE, FLAGGING OR BARRICADES, FOR AVOIDANCE.
- ANY POTENTIAL IMPACTS TO A FEDERAL ENDANGERED OR THREATENED SPECIES OR ITS HABITAT ARE SUBJECT TO REVIEW AND CONSULTATION WITH THE ARCHITECT / PROJECT MANAGER FOR COORDINATION WITH THE US DEPARTMENT OF THE INTERIOR AND THE US FISH AND WILDLIFE SERVICE.



N

SITE PLAN
SCALE: 1"=20'

SITE CONSTRUCTION NOTES

1. CLEAR & GRUB AND UNDERCUT @ BUILDING PAD TO ELEVATION 825.0. PROOF ROLL & COMPACT SUBGRADE AND INSTALL COMPACTED FILL TO ELEVATION 825.67 @ BUILDING PAD. INSTALL 4" POROUS FILL AND 4" CONCRETE SLAB @ FINISH FLOOR ELEVATION 826.30.
2. ALL PRIMARY FOOTINGS WILL BEAR @ ELEVATION 823.3.

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Revisions:

Sheet Description

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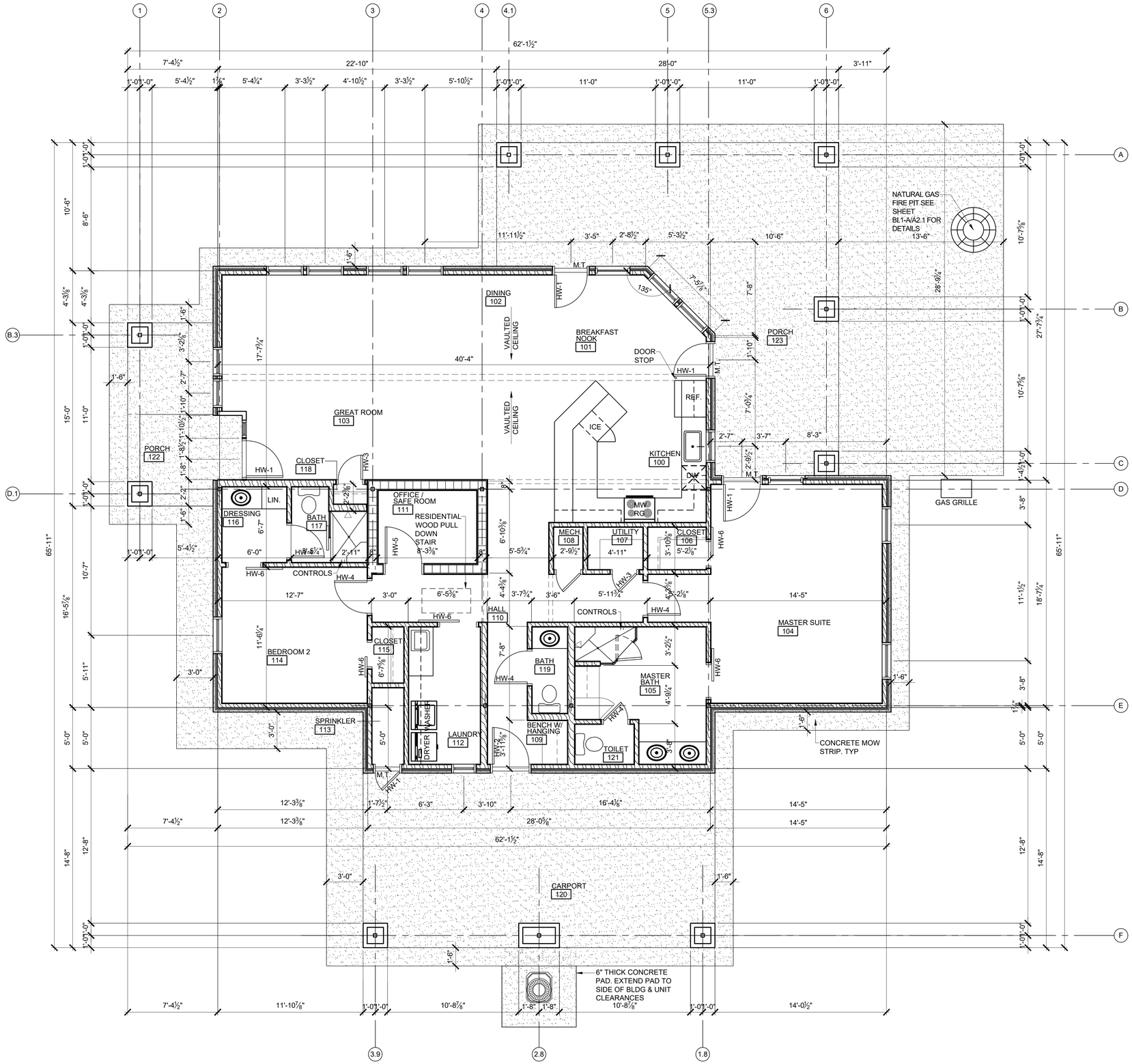
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PRINTED: 8/31/2023 @ 3:41PM

FILE NAME: W:\JMRH Projects 2023\23-1299 Pelham Renaming - Officers Quarters 1026\Floor Plan.dwg



FIRST FLOOR DIMENSIONAL PLAN

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

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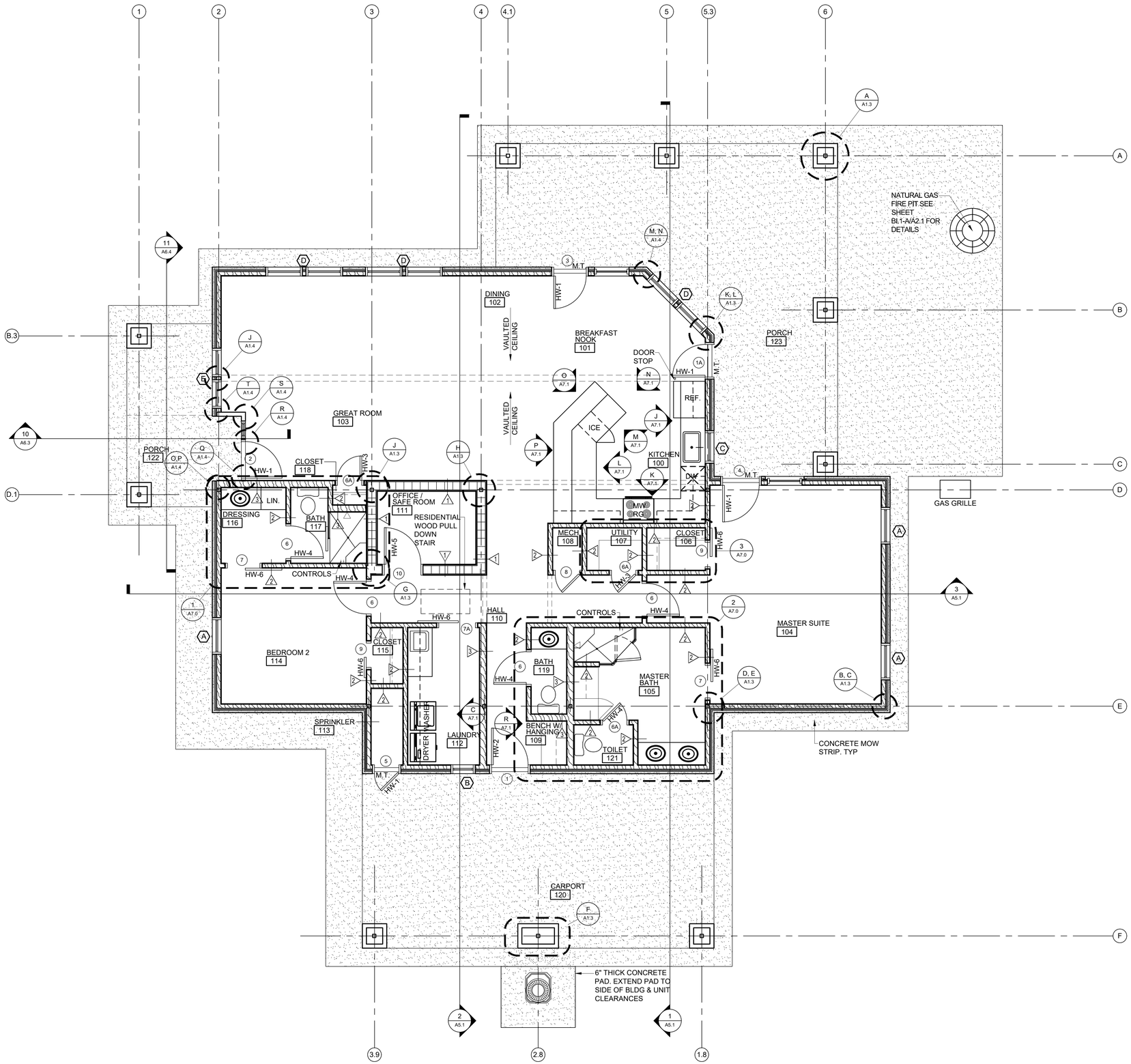
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Sheet Number

BI.B/A1.1

PRINTED: 8/31/2023 @ 5:04PM

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FIRST FLOOR KEY & SYMBOL PLAN

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

PLAN LEGEND

- WINDOW MARK
- DOOR MARK
- 205 — ROOM FINISH MARK
- DETAIL OR ELEVATION NUMBER / SHEET NUMBER
- ELEVATION KEY
- SECTION KEY
- DETAIL KEY
- PLAN OR SECTION ENLARGEMENT
- WOOD STUD WALL
- CMU

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CONSTRUCTION DOCUMENTS

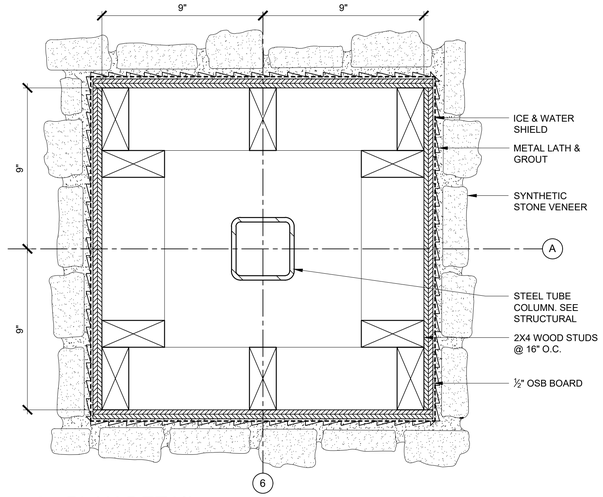
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Date: 31 AUGUST 2023
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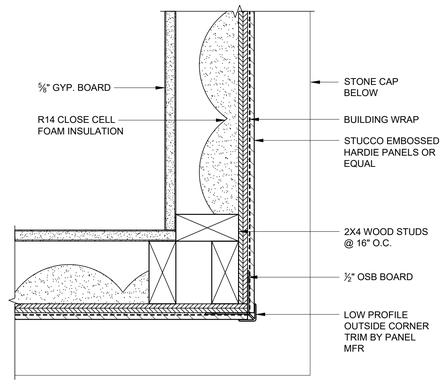
FIRST FLOOR KEY & SYMBOL PLAN

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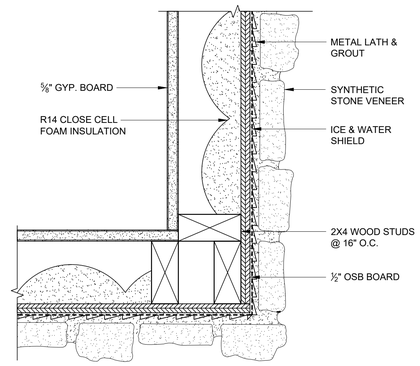
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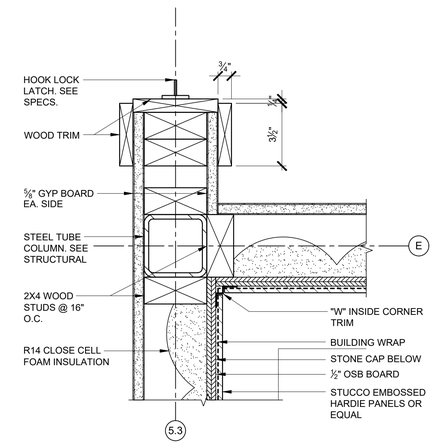
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B A1.3 PLAN DETAIL - HIGH
SCALE: 3"=1'-0"



C A1.3 PLAN DETAIL - LOW
SCALE: 3"=1'-0"

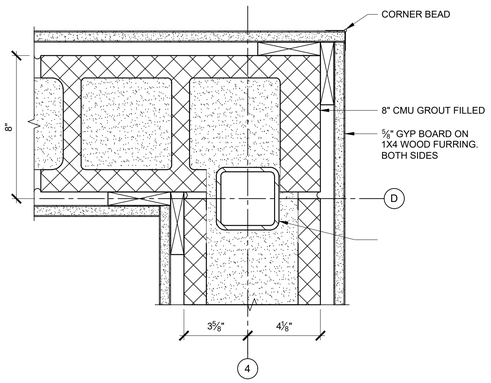


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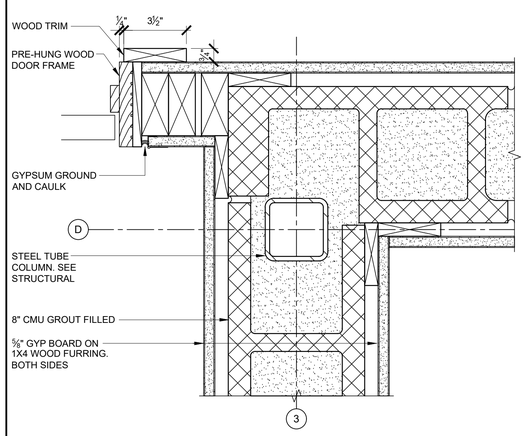
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F A1.3 PLAN DETAIL
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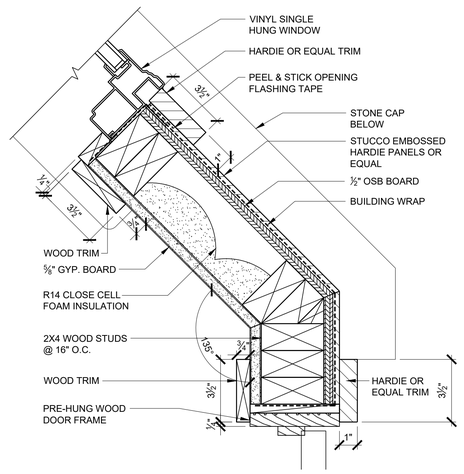
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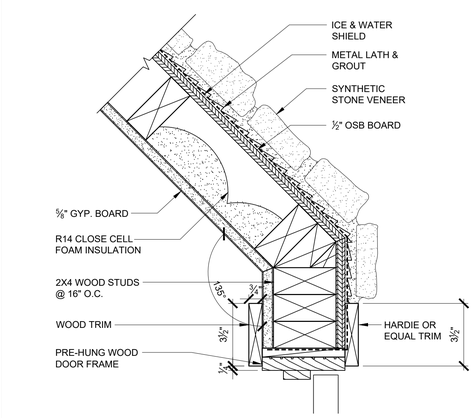
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J A1.3 PLAN DETAIL
SCALE: 3"=1'-0"



K A1.3 PLAN DETAIL - HIGH
SCALE: 3"=1'-0"



L A1.3 PLAN DETAIL - LOW
SCALE: 3"=1'-0"

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Revisions:

Sheet Description

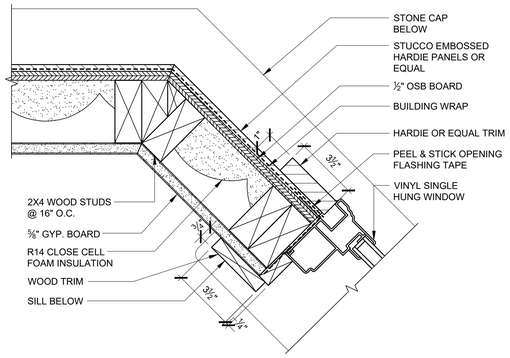
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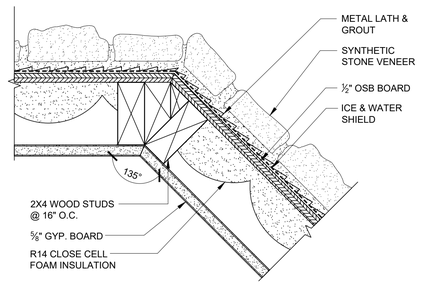
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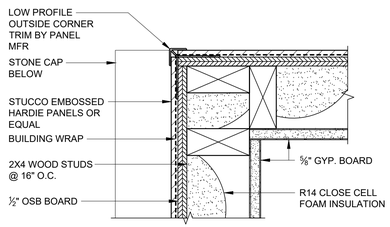
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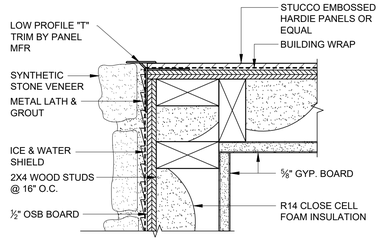
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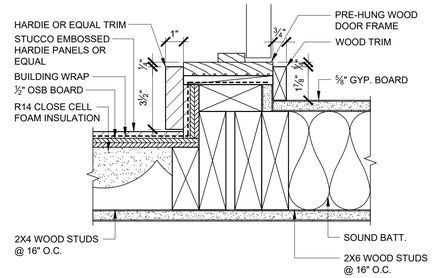
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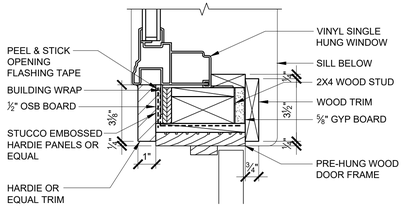
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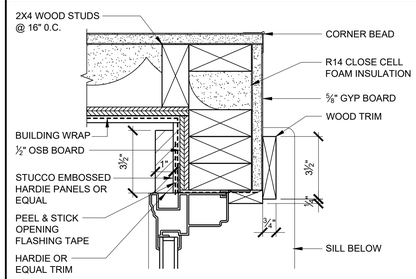
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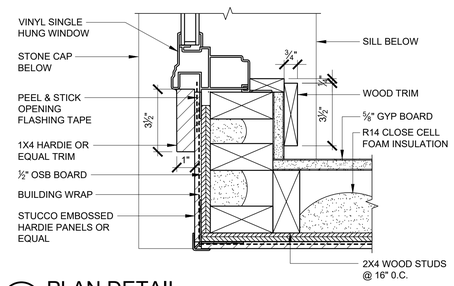
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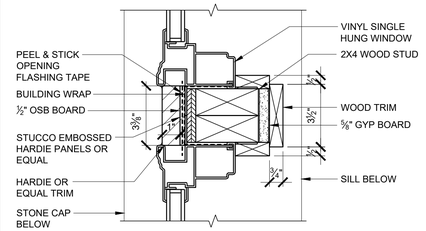
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S A1.3 PLAN DETAIL
SCALE:3"=1'-0"



T A1.3 PLAN DETAIL
SCALE:3"=1'-0"



U A1.3 PLAN DETAIL
SCALE:3"=1'-0"

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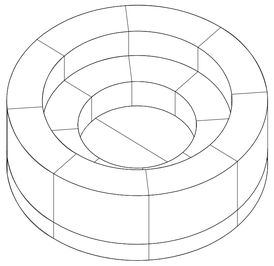
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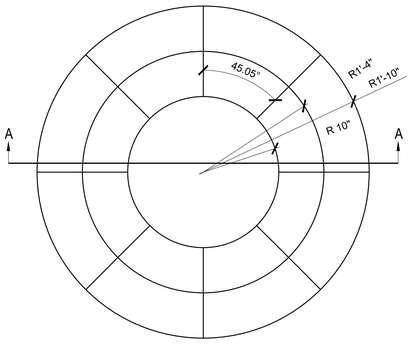
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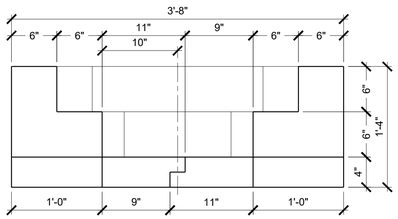
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PERSPECTIVE



PLAN VIEW



SECTION A-A

NOTES:
1. THE FIRE RING SHOULD BE FINISHED WITH A STONE VENEER.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

A / A2.1 OUTDOOR MASONRY FIREPIT

SCALE: N.T.S.

MOULDING SCHEDULE



1" x 4" HARD WOOD BASE W/ $^{15}/_{16}$" QUARTER ROUND (IN ALL LOCATIONS WITH EXCEPTION OF SHOWERS. SHOWERS WILL HAVE A CERAMIC TILE BASE)



8210 WOOD COVE CROWN (ONLY IN BEDROOMS)

FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOORING	WALLS	BASE	CEILING	HEIGHT	REMARKS
100	KITCHEN	LVT-1	GWB-1	WD-1	TG-1	VARIES	
101	BREAKFAST NOOK	LVT-1	GWB-1	WD-1	TG-1	VARIES	
102	DINING	LVT-1	GWB-1	WD-1	TG-1	VARIES	
103	GREAT ROOM	LVT-1	GWB-1/GWB-3	WD-1	TG-1	VARIES	
104	MASTER SUITE	LVT-1	GWB-1/GWB-3	WD-1	GWB-1	9'-0"	
105	MASTER BATH	LVT-1	GWB-2/ CT-1	CT-1	GWB-2/ CT-1	8'-0"/ 9'-0"	HARDI TILE BACKER ON WALLS & CEILING @ SHOWER
106	CLOSET	LVT-1	GWB-1	WD-1	GWB-1	9'-0"	
107	CLOSET	LVT-1	GWB-1	WD-1	GWB-1	9'-0"	
108	MECHANICAL	SC-1	GWB-1	-----	-----	-----	
109	BENCH W/ HANGING	LVT-1	GWB-1	WD-1	GWB-1	8'-0"	
110	HALL	LVT-1	GWB-1/GWB-3	WD-1	GWB-1	8'-0"	
111	OFFICE/ SAFE ROOM	LVT-1	GWB-1	WD-1	GWB-1	9'-0"	
112	LAUNDRY	LVT-1	GWB-1	WD-1	GWB-1	9'-0"	
113	SPRINKLER	SC-1	GWB-1	WD-1	GWB-1	9'-0"	
114	BEDROOM 2	LVT-1	GWB-1	WD-1	GWB-1	9'-0"	
115	CLOSET	LVT-1	GWB-1	WD-1	GWB-1	9'-0"	
116	DRESSING	LVT-1	GWB-2	WD-1	GWB-1	9'-0"	
117	BATH	LVT-1	GWB-2/ CT-1	CT-1	GWB-2/ CT-1	9'-0"	HARDI TILE BACKER ON WALLS & CEILING @ SHOWER
118	CLOSET	LVT-1	GWB-1	WD-1	GWB-1	9'-0"	
119	BATH	LVT-1	GWB-1	WD-1	GWB-1	8'-0"	
120	CARPORT	SC-1			HD-1	9'-0"	
121	TOILET	LVT-1	GWB-1	WD-1	GWB-1	9'-0"	
122	PORCH	SC-1			TG-1	VARIES	
123	PORCH	SC-1			TG-1	VARIES	

BI.B FINISH LEGEND

SYMBOL	MATERIAL	MANUFACTURER	COLLECTION / PATTERN	SIZE / FINISH / INSTALL	COLOR	REMARKS
FLOORING						
LVT-1	LINEAR VINYL TILE	TARKETT	ID LATTITUDE	6" X 48"	CHAMOIS OAK	
SC-1	SEALED CONCRETE					
WALLS						
GWB-1	PAINTED GYPSUM BOARD	SHERWIN WILLIAMS			SW 7036 ACCESSIBLE BEIGE	
GWB-2	PAINTED MOISTURE RESISTANT GYPSUM BOARD	SHERWIN WILLIAMS			SW 7036 ACCESSIBLE BEIGE	
GWB-3	ACCENT PAINT	SHERWIN WILLIAMS			SW6251 OUTERSPACE	
CT-1	CERAMIC TILE	SOUTH CYPRESS	CALICO	12"X24"	CREMA	
BASE						
CT-1	CERAMIC TILE	SOUTH CYPRESS	CALICO		CREMA	
WD-1	PAINTED WOOD	SHERWIN WILLIAMS		4"	SW 7031 MEGA GREIGE	
CEILING						
TG-1	TONGUE AND GROOVE DOTTED PINE				WHITE WASHED	
GWB-1	PAINTED GYPSUM BOARD	SHERWIN WILLIAMS			SW7004 SNOWBOUND	
GWB-2	PAINTED MOISTURE RESISTANT GYPSUM BOARD	SHERWIN WILLIAMS			SW7004 SNOWBOUND	
HD-1	HARDIE SOFFIT OR EQUAL	JAMES HARDIE				
CT-1	CERAMIC TILE	SOUTH CYPRESS	CALICO	12"X24"	CREMA	

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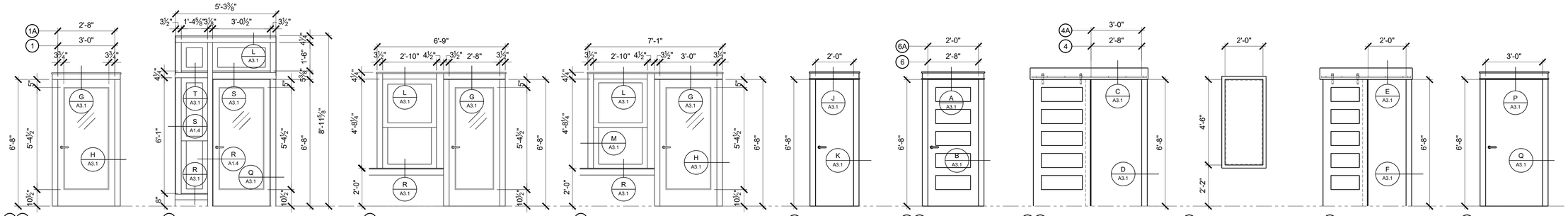
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FINISH SCHEDULE. FIRE PIT DETAILS

Sheet Number

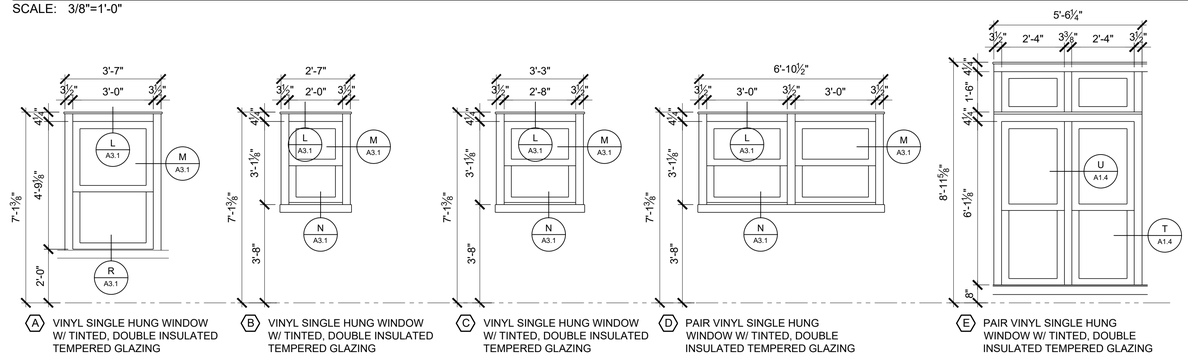
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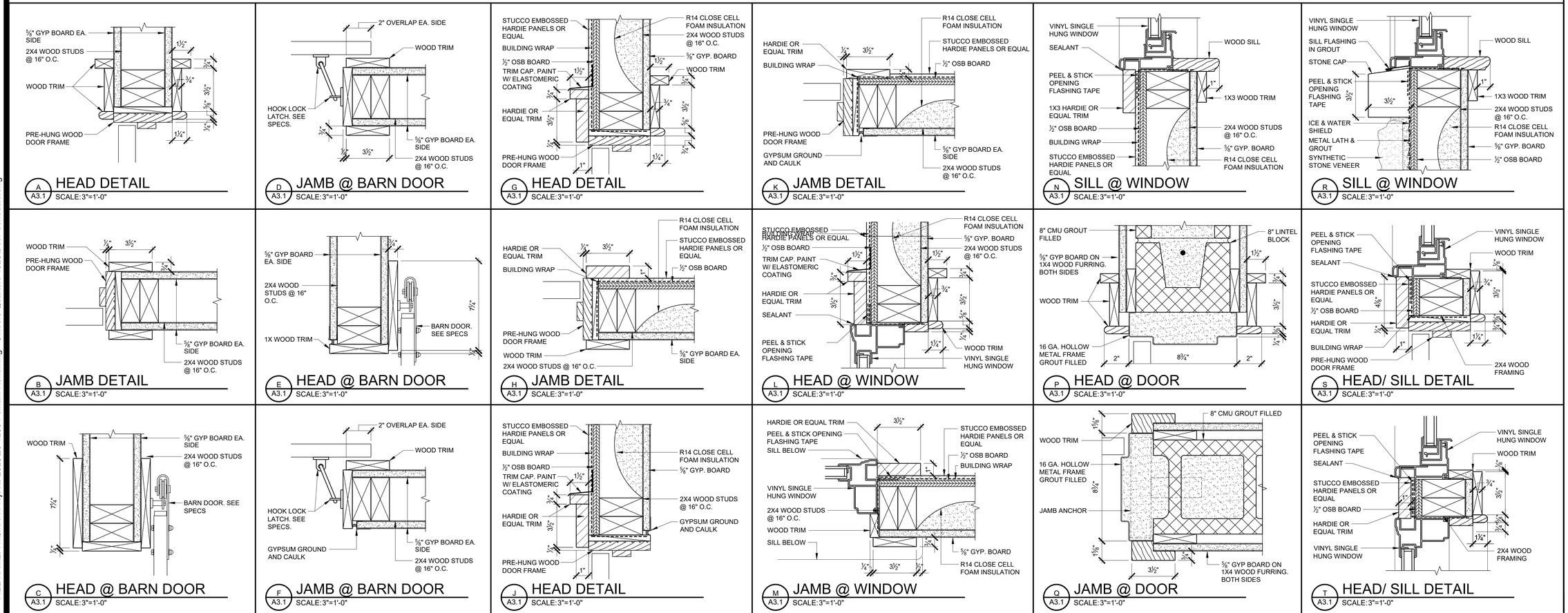
DOOR TYPES

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



WINDOW SCHEDULE

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



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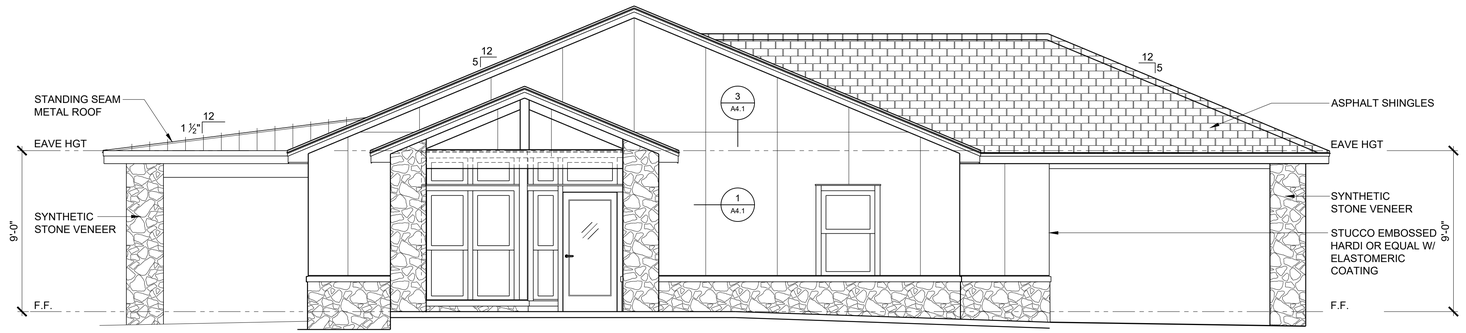
DOOR AND WINDOW SCHEDULE

Sheet Number

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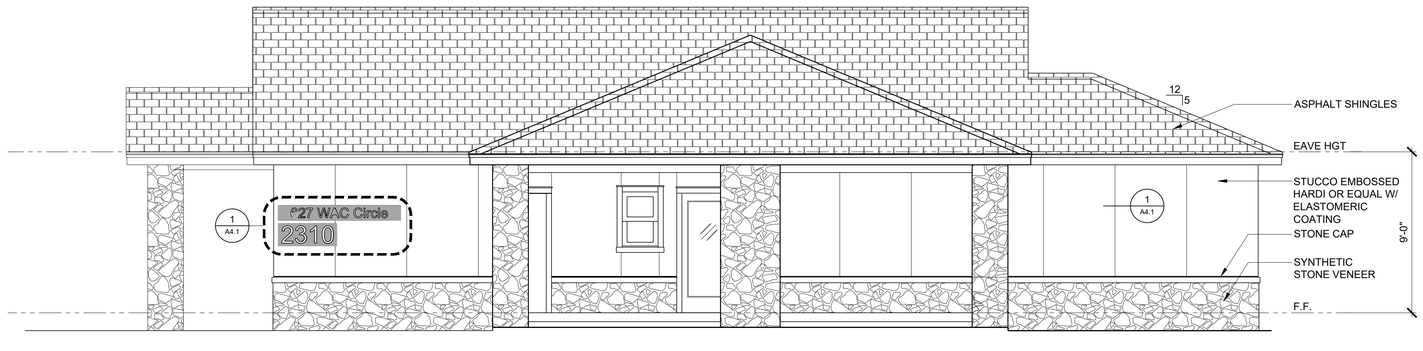
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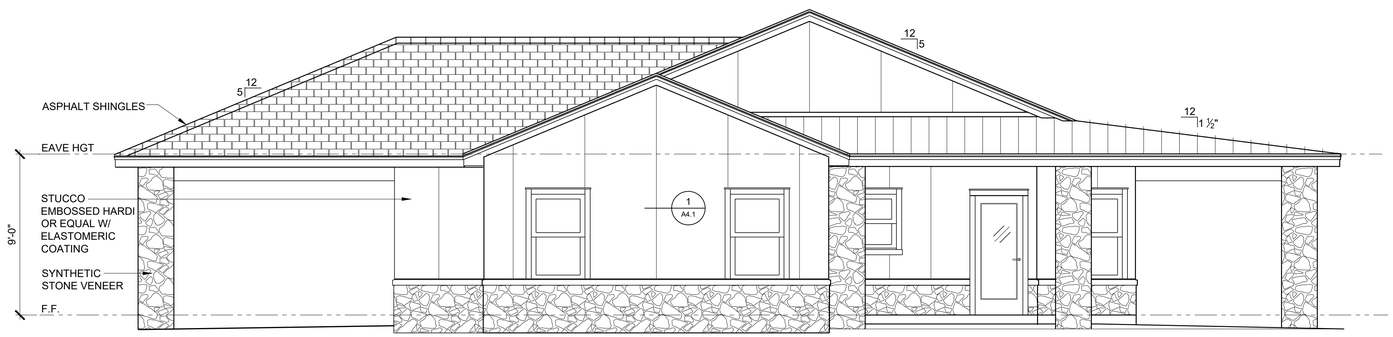
LEFT ELEVATION

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



FRONT ELEVATION

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



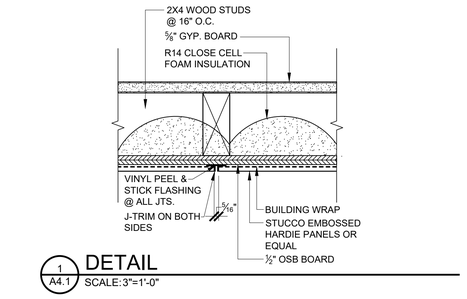
RIGHT ELEVATION

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



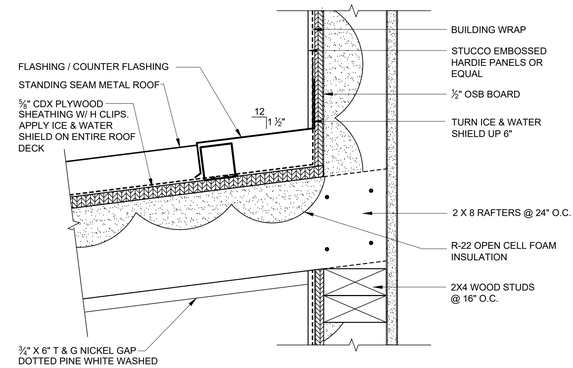
REAR ELEVATION

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



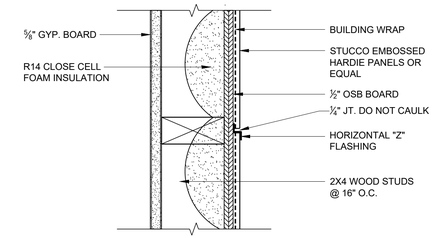
1 A4.1 DETAIL

SCALE: 3"=1'-0"



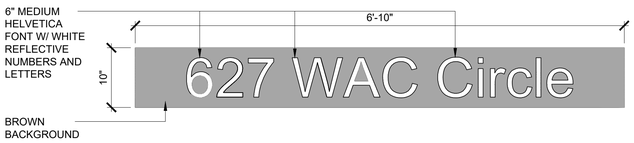
2 A4.1 DETAIL

SCALE: 3"=1'-0"



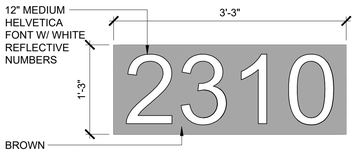
3 A4.1 DETAIL

SCALE: 3"=1'-0"



1 A4.1 TYPICAL 911 ADDRESS SIGN

SCALE: 1" = 1'-0"



NOTE:
SIGNAGE IS SIMILAR IN FONT STYLE, COLOR, SIZE AND LOCATION. COORDINATE FINAL LOCATION W/ OWNER.

TYPICAL BUILDING NUMBER SIGN

SCALE: 1" = 1'-0"

NOTE: VERIFY WITH OWNER / ARCHITECT 911 ADDRESS AND BUILDING NUMBER SIGN LOCATIONS AND TEXT. ALL BUILDINGS SHALL RECEIVE TWO BUILDINGS NUMBER SIGNS AND ONE 911 SIGN.

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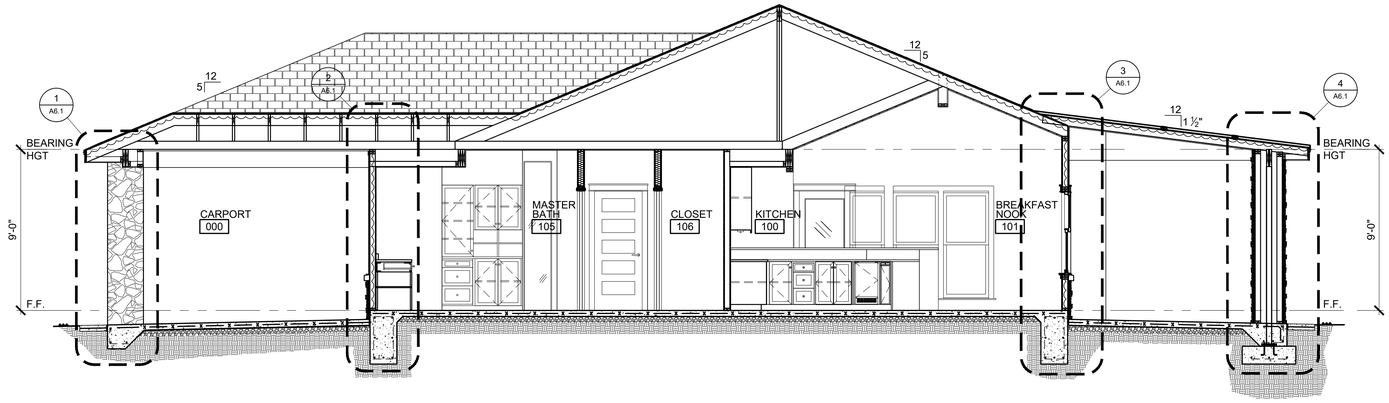
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EXTERIOR ELEVATIONS

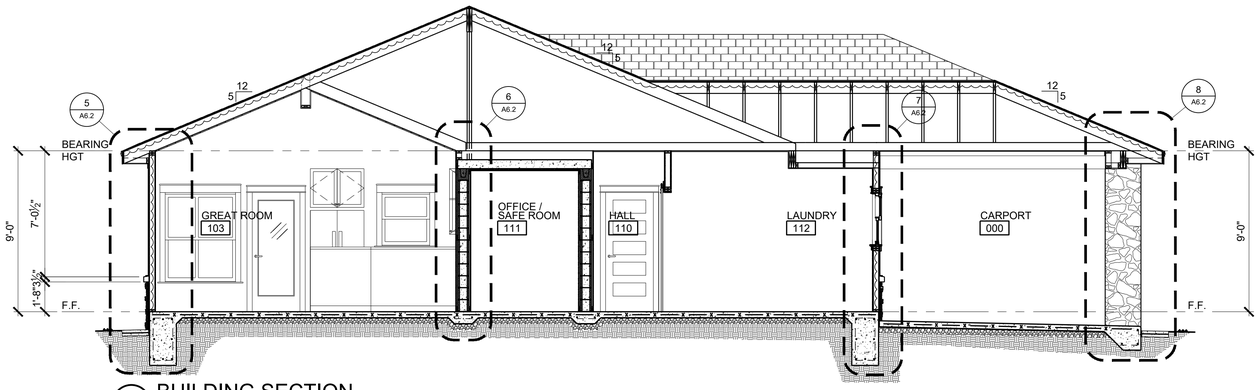
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1 A5.1 BUILDING SECTION
SCALE: 1/4" = 1'-0"



2 A5.1 BUILDING SECTION
SCALE: 1/4" = 1'-0"



3 A5.1 BUILDING SECTION
SCALE: 1/4" = 1'-0"

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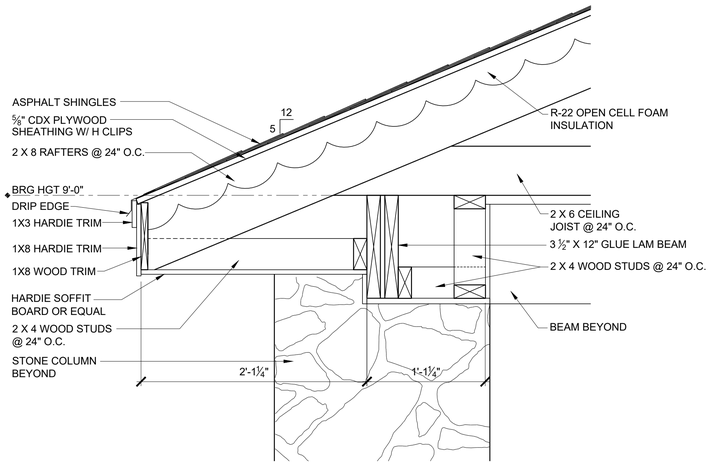
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Date: 31 AUGUST 2023
Revisions:

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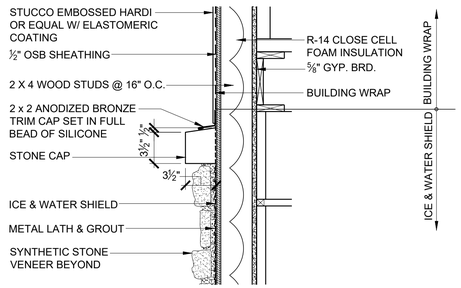
BUILDING SECTION

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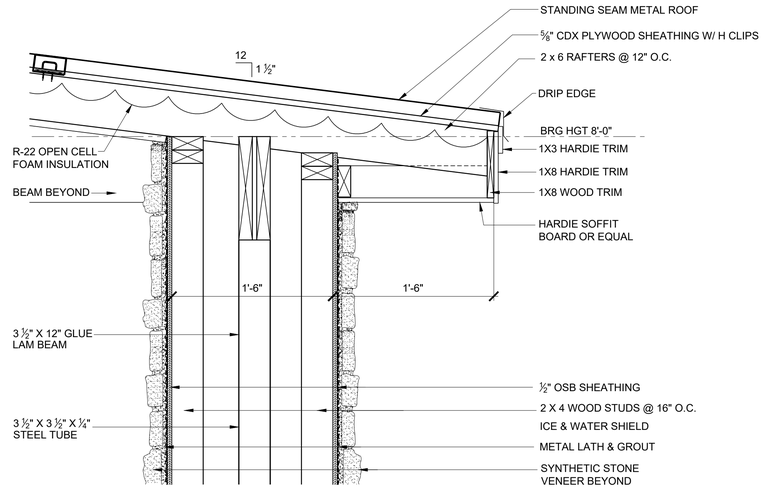
BI.B/A5.1



A A6.1 **DETAIL**
SCALE:1 1/2" = 1'-0"



B A6.1 **DETAIL**
SCALE:1 1/2" = 1'-0"



C A6.1 **DETAIL**
SCALE:1 1/2" = 1'-0"

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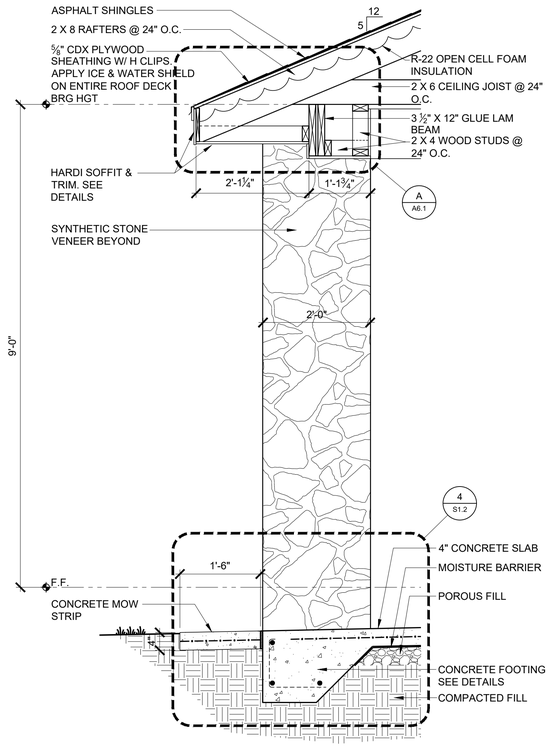
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1 A6.1 **WALL SECTIONS**
SCALE:3/4" = 1'-0"

2 A6.1 **WALL SECTIONS**
SCALE:3/4" = 1'-0"

3 A6.1 **WALL SECTIONS**
SCALE:3/4" = 1'-0"

4 A6.1 **WALL SECTIONS**
SCALE:3/4" = 1'-0"

CONSTRUCTION DOCUMENTS

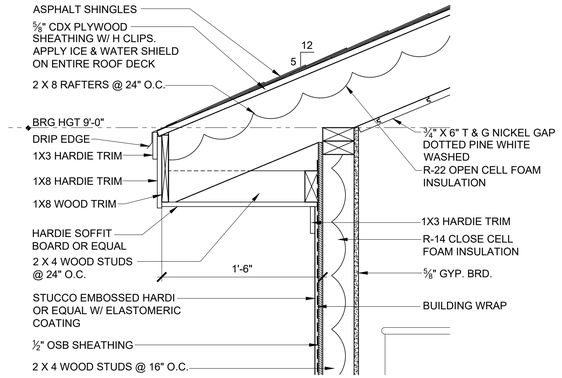
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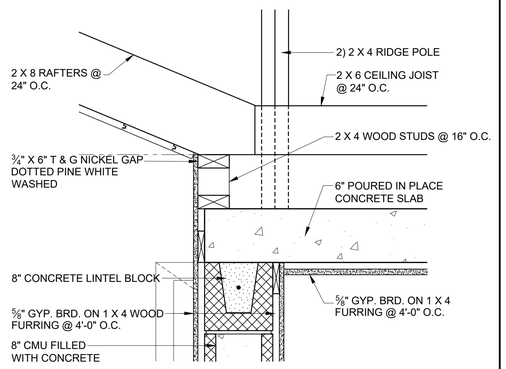
WALL SECTIONS

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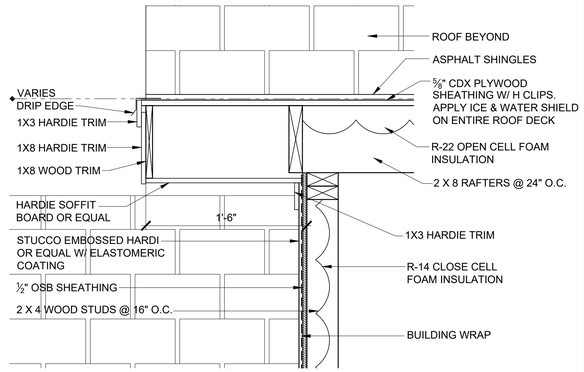
BI.B/A6.1



D A6.2 **DETAIL**
SCALE:1 1/2" = 1'-0"



E A6.2 **DETAIL**
SCALE:1 1/2" = 1'-0"



F A6.2 **DETAIL**
SCALE:1 1/2" = 1'-0"

5 A6.2 **WALL SECTIONS**
SCALE:3/4" = 1'-0"

6 A6.2 **WALL SECTIONS**
SCALE:3/4" = 1'-0"

7 A6.2 **WALL SECTIONS**
SCALE:3/4" = 1'-0"

8 A6.2 **WALL SECTIONS**
SCALE:3/4" = 1'-0"

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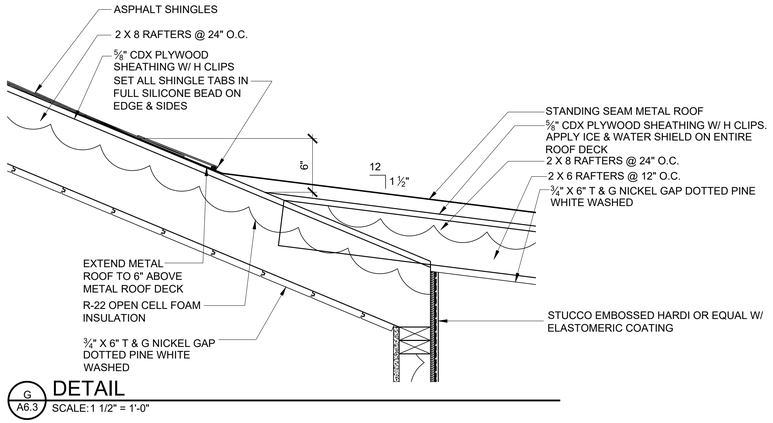
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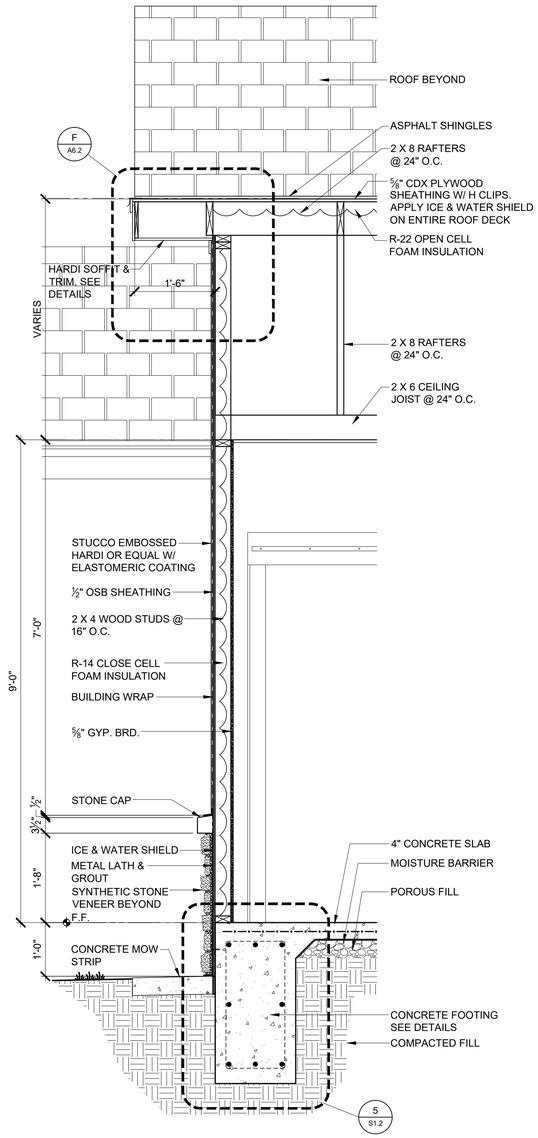
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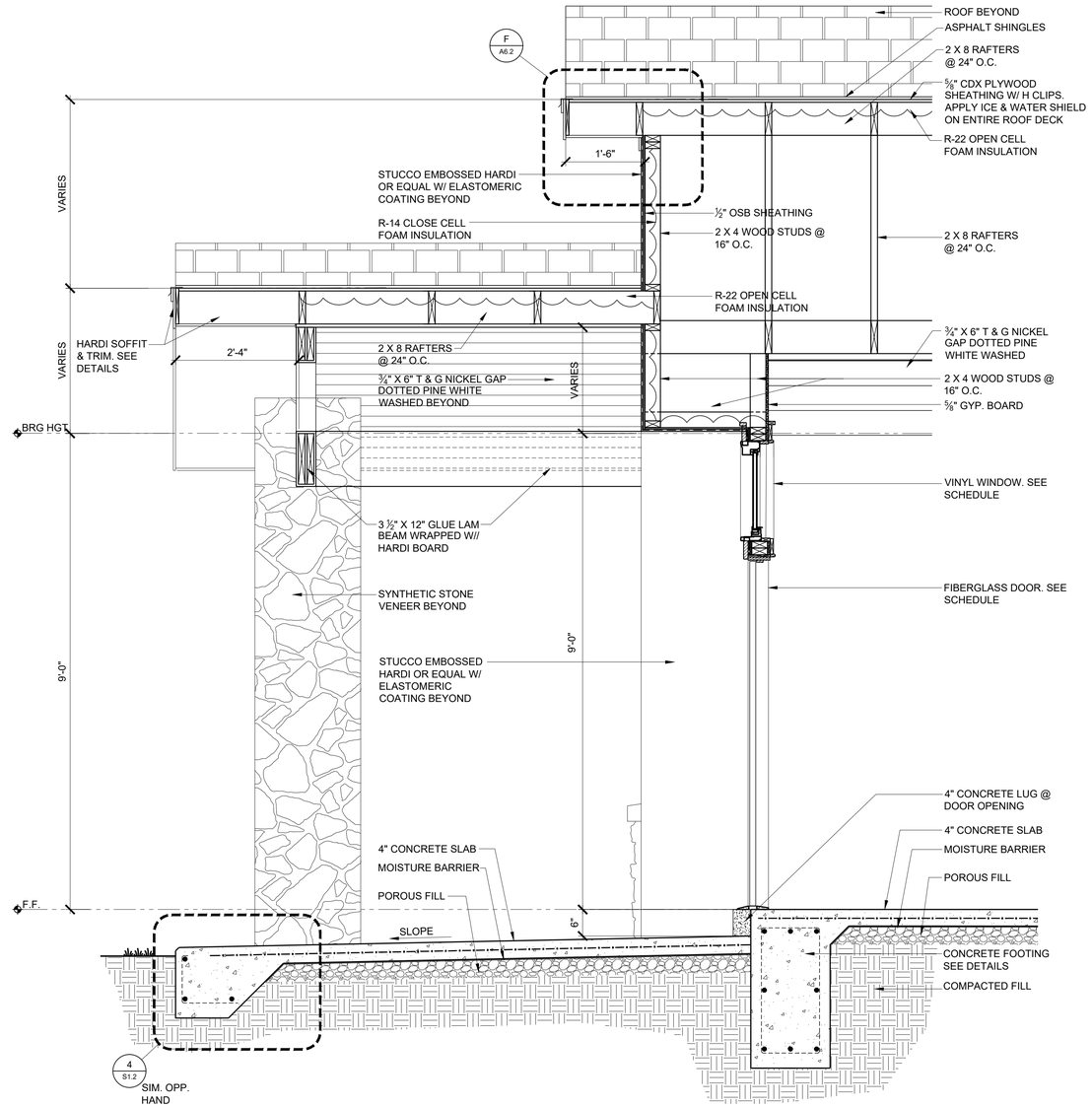
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G / A6.3 DETAIL
SCALE: 1 1/2" = 1'-0"



9 / A6.3 WALL SECTIONS
SCALE: 3/4" = 1'-0"



10 / A6.3 WALL SECTIONS
SCALE: 3/4" = 1'-0"

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Sheet Description

WALL SECTIONS

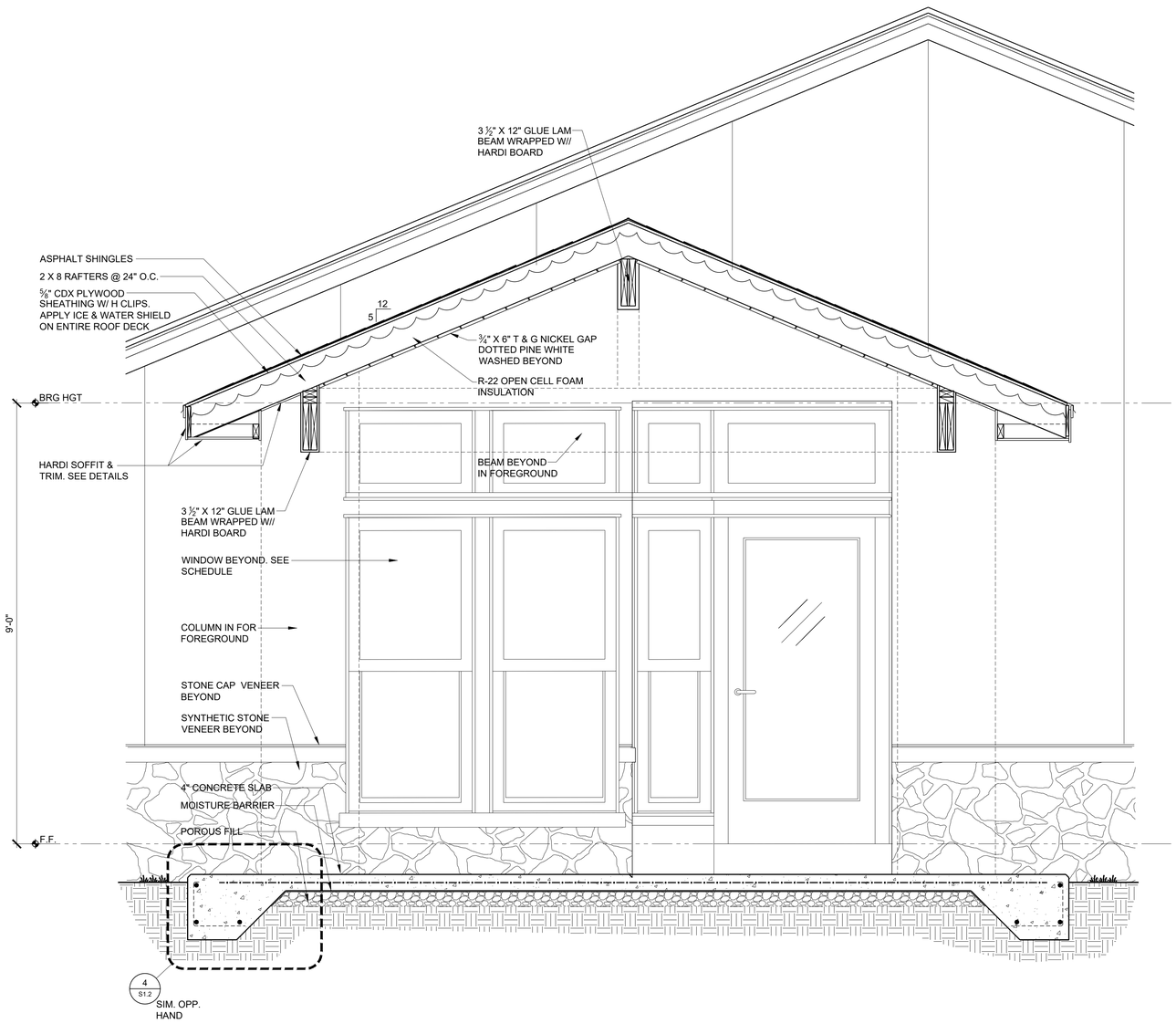
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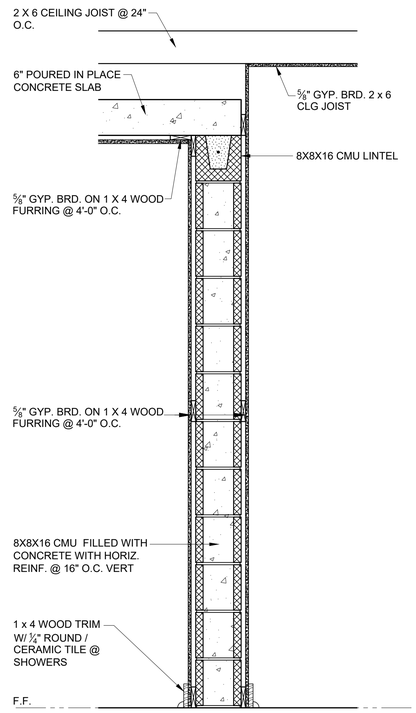
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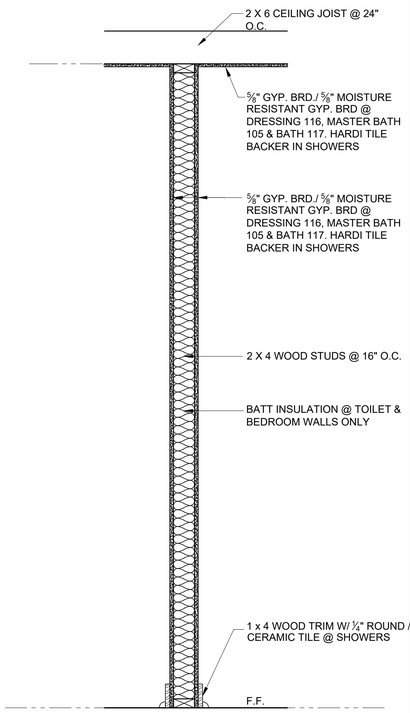
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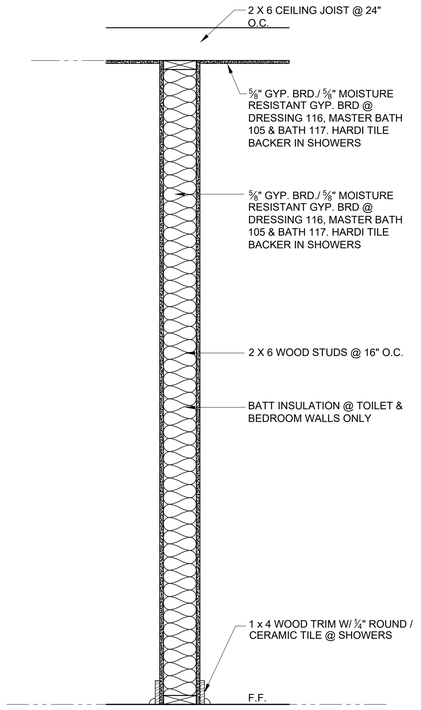
11/A6.4 WALL SECTIONS
SCALE: 3/4" = 1'-0"



1 WALL TYPE 1
SCALE: 1" = 1'-0"



2 WALL TYPE 2
SCALE: 1" = 1'-0"



3 WALL TYPE 3
SCALE: 1" = 1'-0"

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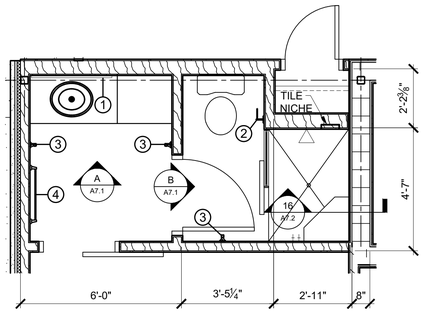
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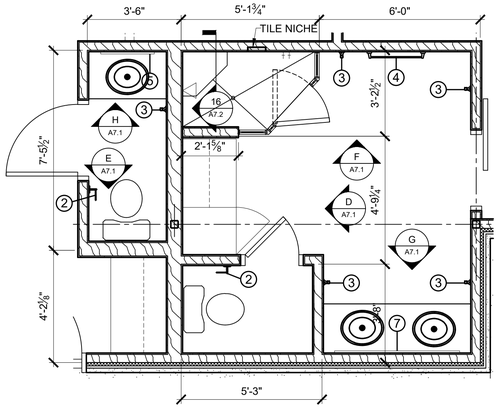
WALL SECTIONS

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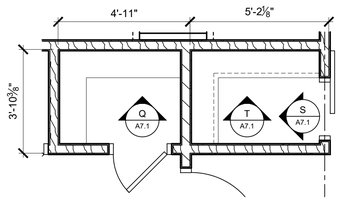
BI.B/A6.4



1 A7.0 DRESSING 116, BATH 117
SCALE: 3\8"=1'-0"



2 A7.0 MASTER BATH 105, TOILET 121, BATH 119, BENCH W/ HANGING 109
SCALE: 3\8"=1'-0"

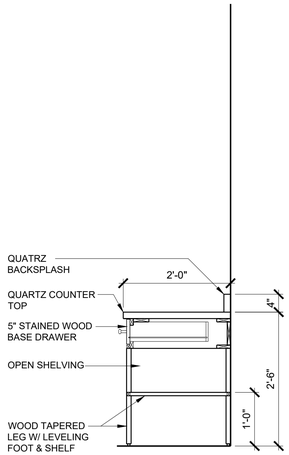


3 A7.0 UTILITY 107, CLOSET 106
SCALE: 3\8"=1'-0"

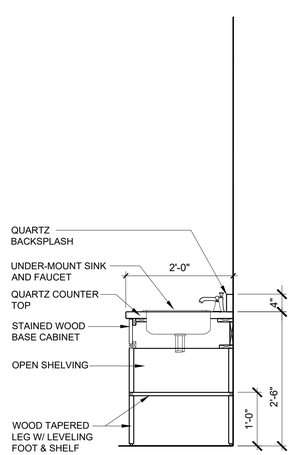
TOILET ACCESSORY SCHEDULE

MARK	ITEM DESCRIPTION	MOUNTING HEIGHTS
1	FRAMED MIRROR, 36" X 36	48" AFF TO BOTTOM OF REFLECTIVE SURFACE
2	BRUSHED NICKEL SINGLE ARM TISSUE HOLDER	19" AFF TO BOTTOM
3	BRUSHED NICKEL SINGLE ARM TOWEL / ROBE HOOK	60"-69" TO HOOK A.F.F.
4	24" BRUSHED NICKEL TOWEL BAR	48" A.F.F.
5	LIGHT FRAMED MIRROR, 24" X 36	48" AFF TO BOTTOM OF REFLECTIVE SURFACE
6	18" TOWEL BAR	48" A.F.F.
7	FRAMED MIRROR, 56" X 36	48" AFF TO BOTTOM OF REFLECTIVE SURFACE

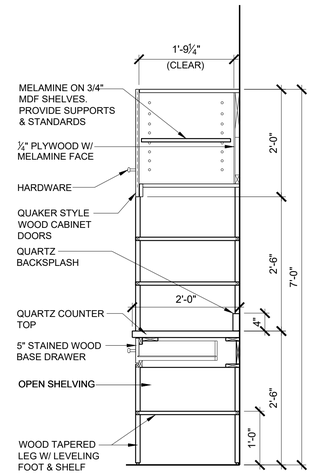
NOTE:
1. SOLID FIRE RETARDANT ¾" BLOCKING PANELING IS REQUIRED ANYWHERE GRAB BARS ARE SHOWN ON FIXTURE WALLS.
2. INSULATE ALL EXPOSED HOT WATER PIPING.
3. LAVATORIES SHALL BE MOUNTED WITH THE BOTTOM OF LAVATORY APRON 2'-5" A.F.F.
4. MIRRORS SHALL BE CENTERED OVER SINKS, TYPICAL.
5. SHOULD ANY DISCREPANCY BE FOUND BETWEEN ITEMS NOTED IN THE CONTRACT DOCUMENTS AND APPLICABLE CODES, THE CONTRACTOR SHALL BRING ITEMS TO THE ATTENTION OF THE ARCHITECT PRIOR TO ORDERING, FABRICATING OR INSTALLING.
6. IF A CONFLICT BETWEEN ANY TOILET ACCESSORIES OCCURS, NOTIFY ARCHITECT FOR DIRECTION PRIOR TO INSTALLATION.



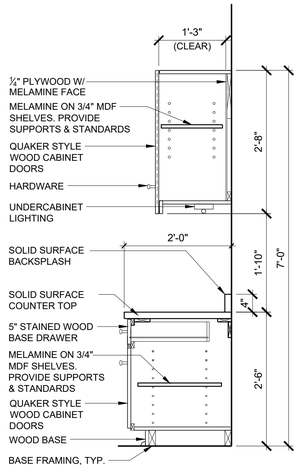
1 A7.0 CABINET SECTION
SCALE:3/4" = 1'-0"



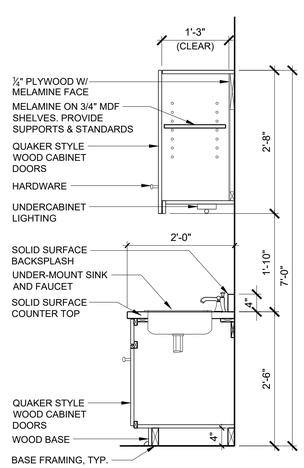
2 A7.0 CABINET SECTION
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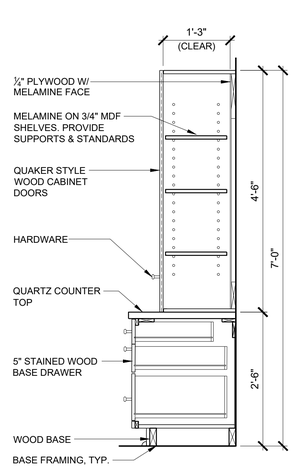
3 A7.0 CABINET SECTION
SCALE:3/4" = 1'-0"



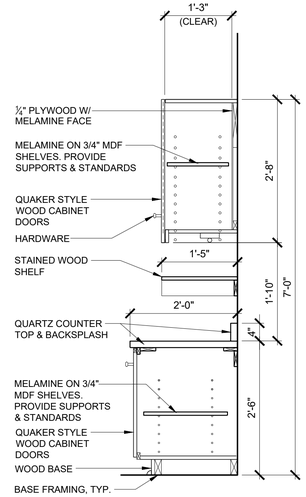
4 A7.0 CABINET SECTION
SCALE:3/4" = 1'-0"



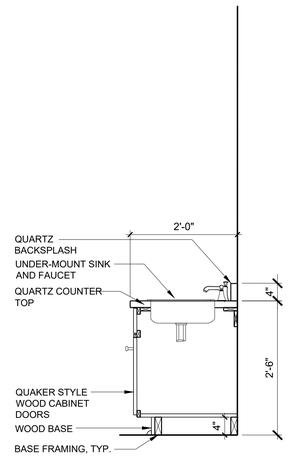
5 A7.0 CABINET SECTION
SCALE:3/4" = 1'-0"



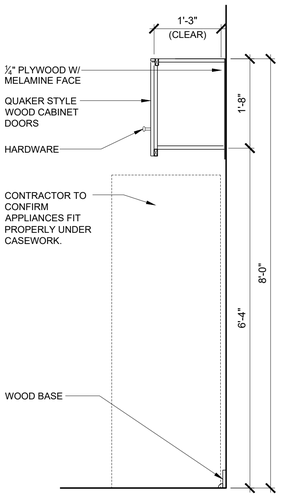
6 A7.0 CABINET SECTION
SCALE:3/4" = 1'-0"



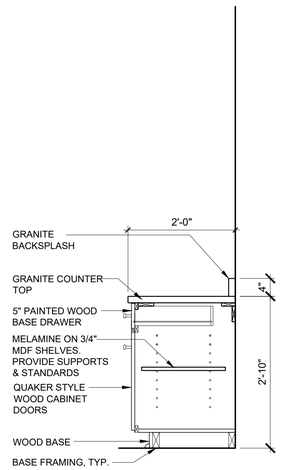
7 A7.0 CABINET SECTION
SCALE:3/4" = 1'-0"



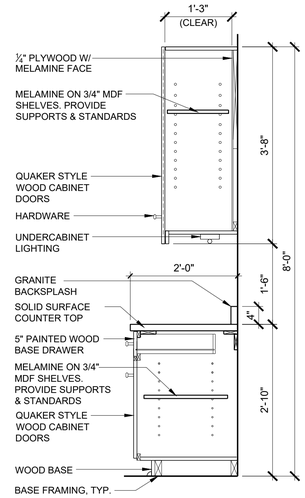
8 A7.0 CABINET SECTION
SCALE:3/4" = 1'-0"



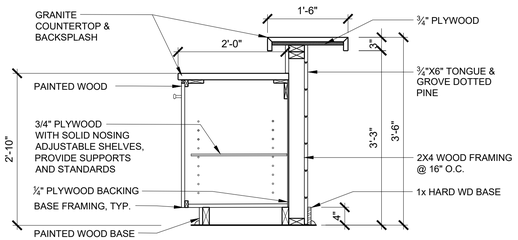
9 A7.0 CABINET SECTION
SCALE:3/4" = 1'-0"



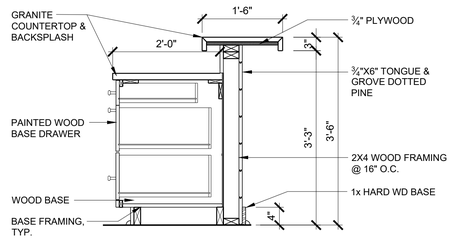
10 A7.0 CABINET SECTION
SCALE:3/4" = 1'-0"



11 A7.0 CABINET SECTION
SCALE:3/4" = 1'-0"



12 A7.0 CABINET SECTION
SCALE:3/4" = 1'-0"



13 A7.0 CABINET SECTION
SCALE:3/4" = 1'-0"

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REGISTERED ARCHITECT

PELHAM RENAMING EFFORT
FT. MCCLELLAN, AL

CONSTRUCTION DOCUMENTS

Project Number: 23-1299
Date: 31 AUGUST 2023
Revisions:

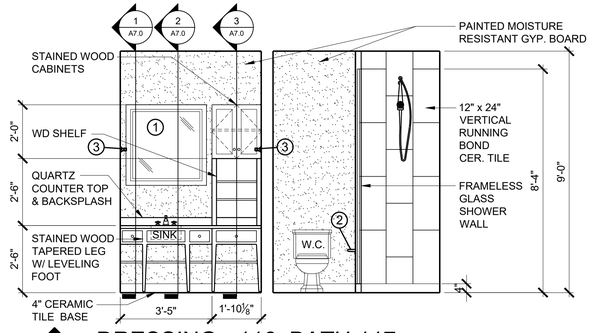
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LARGE SCALE PLANS

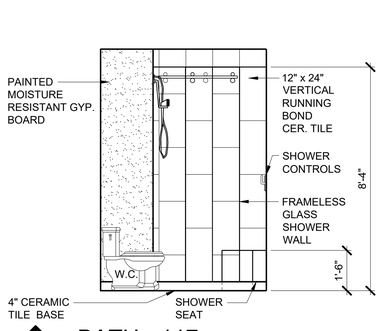
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BI.B/ A7.0

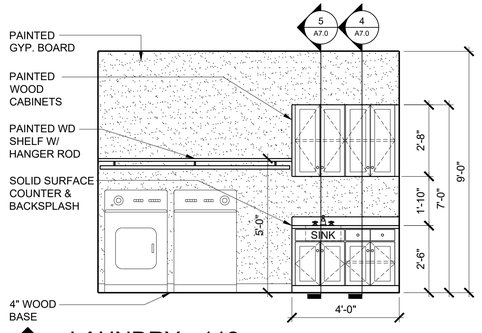
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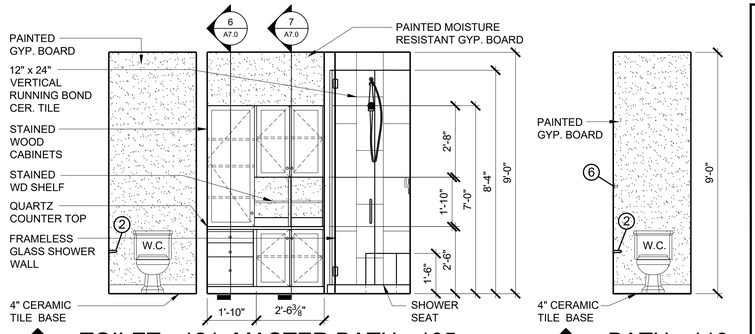
A A7.1 DRESSING - 116, BATH 117
SCALE: 3/8" = 1'-0"



B A7.1 BATH - 117
SCALE: 3/8" = 1'-0"

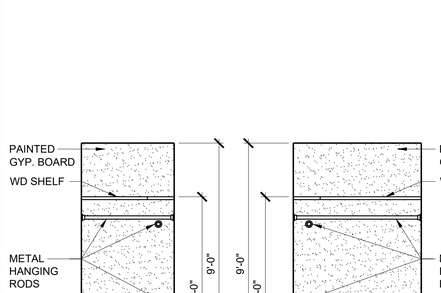


C A7.1 LAUNDRY - 112
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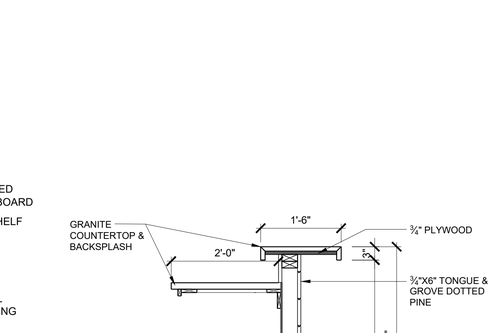


D A7.1 TOILET - 121, MASTER BATH - 105
SCALE: 3/8" = 1'-0"

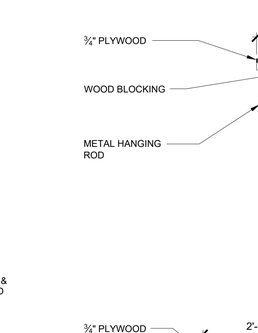
E A7.1 BATH - 119
SCALE: 3/8" = 1'-0"



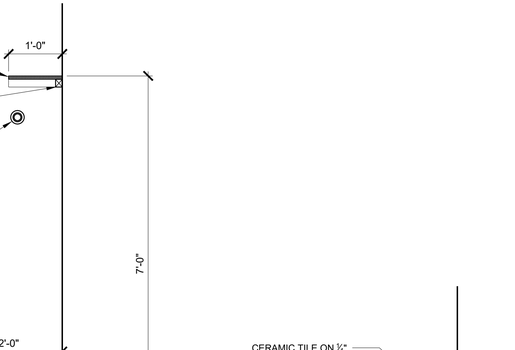
F A7.1 MASTER BATH - 105
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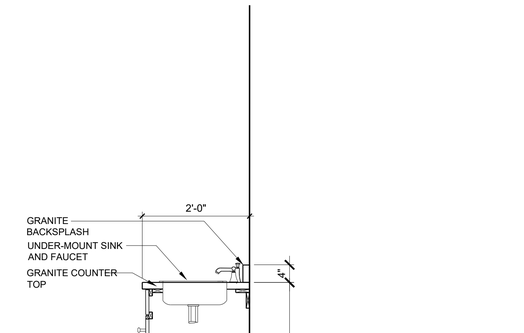
G A7.1 MASTER BATH - 105
SCALE: 3/8" = 1'-0"



H A7.1 BATH - 119
SCALE: 3/8" = 1'-0"



J A7.1 KITCHEN - 100
SCALE: 3/8" = 1'-0"



K A7.1 KITCHEN - 100
SCALE: 3/8" = 1'-0"

L A7.1 KITCHEN - 100
SCALE: 3/8" = 1'-0"

M A7.1 KITCHEN - 100
SCALE: 3/8" = 1'-0"

N A7.1 KITCHEN - 100
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P A7.1 KITCHEN - 100
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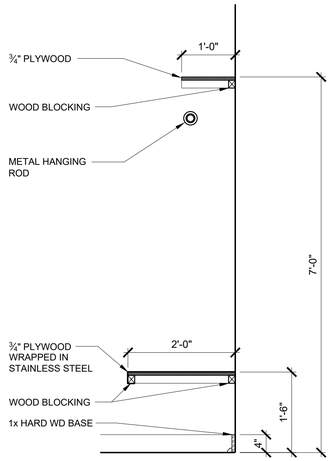
Q A7.1 UTILITY - 107
SCALE: 3/8" = 1'-0"

R A7.1 BENCH W/ HANGING - 109
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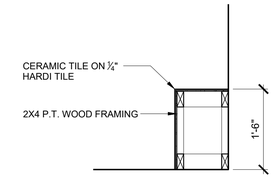
S A7.1 CLOSET - 107
SCALE: 3/8" = 1'-0"

T A7.1 CLOSET - 107
SCALE: 3/8" = 1'-0"

14 A7.1 CABINET SECTION
SCALE: 3/4" = 1'-0"



15 A7.1 SECTION
SCALE: 3/4" = 1'-0"



16 A7.1 SECTION
SCALE: 3/4" = 1'-0"

17 A7.1 CABINET SECTION
SCALE: 3/4" = 1'-0"

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Revisions:

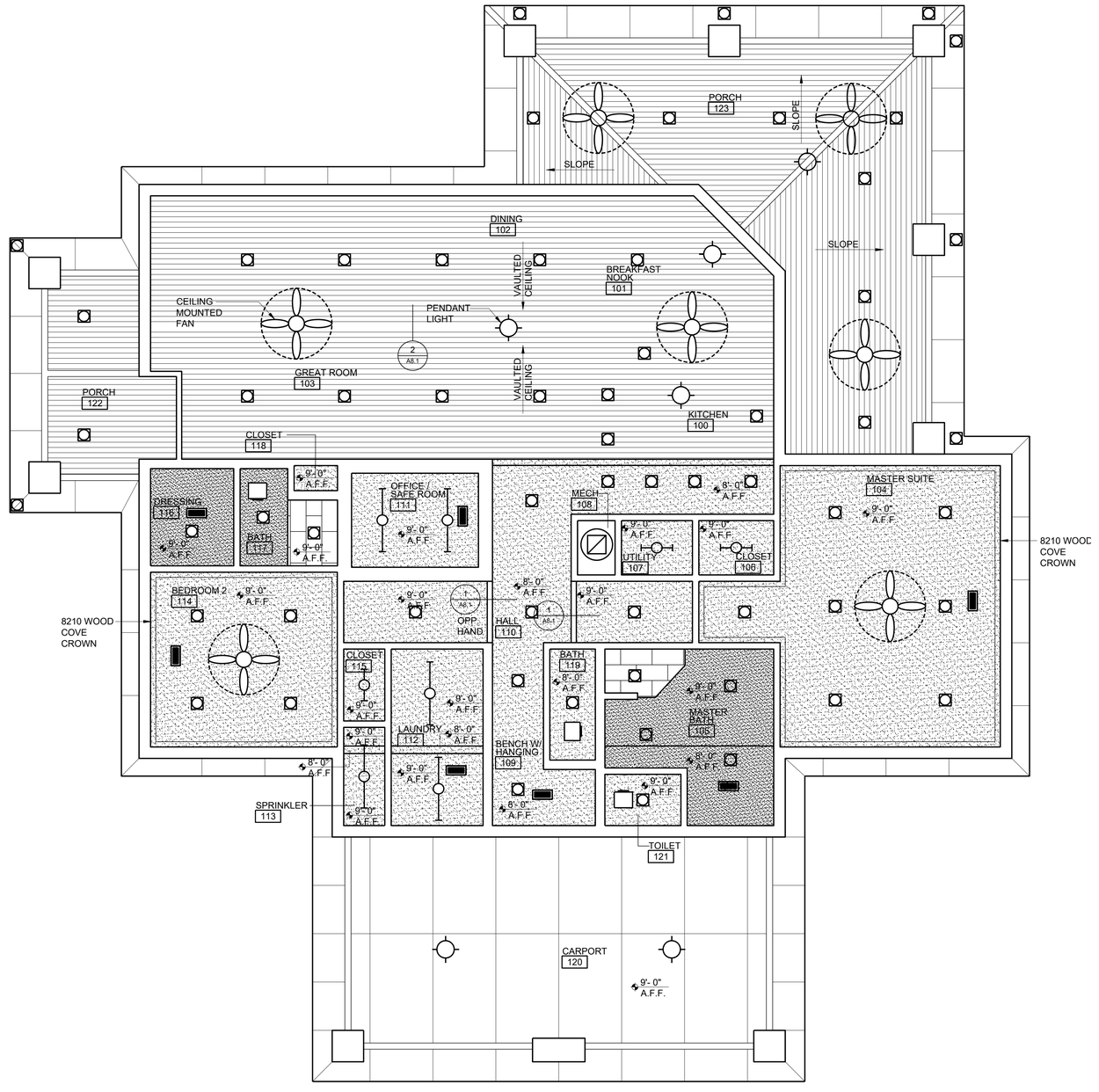
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INTERIOR ELEVATIONS

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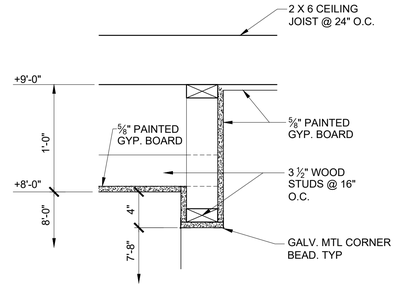
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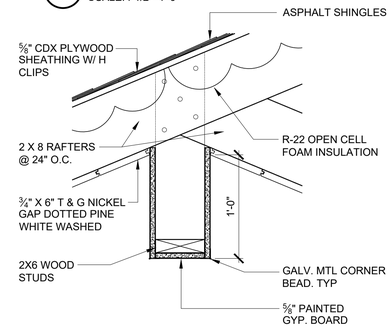
REFLECTED CEILING PLAN

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



1 A8.1 **DETAIL**

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



2 A8.1 **DETAIL**

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

RCP LEGEND

- PAINTED GYP. BOARD
- MOISTURE RESISTANT PAINTED GYP. BOARD
- ¾" X 6" T & G NICKEL GAP DOTTED PINE WHITE WASHED
- CEILING MOUNTED FAN
- SURFACE MOUNTED LIGHT
- MECH. REGISTER
- EXHAUST FAN
- PENDENT LIGHT
- DOWN LIGHT

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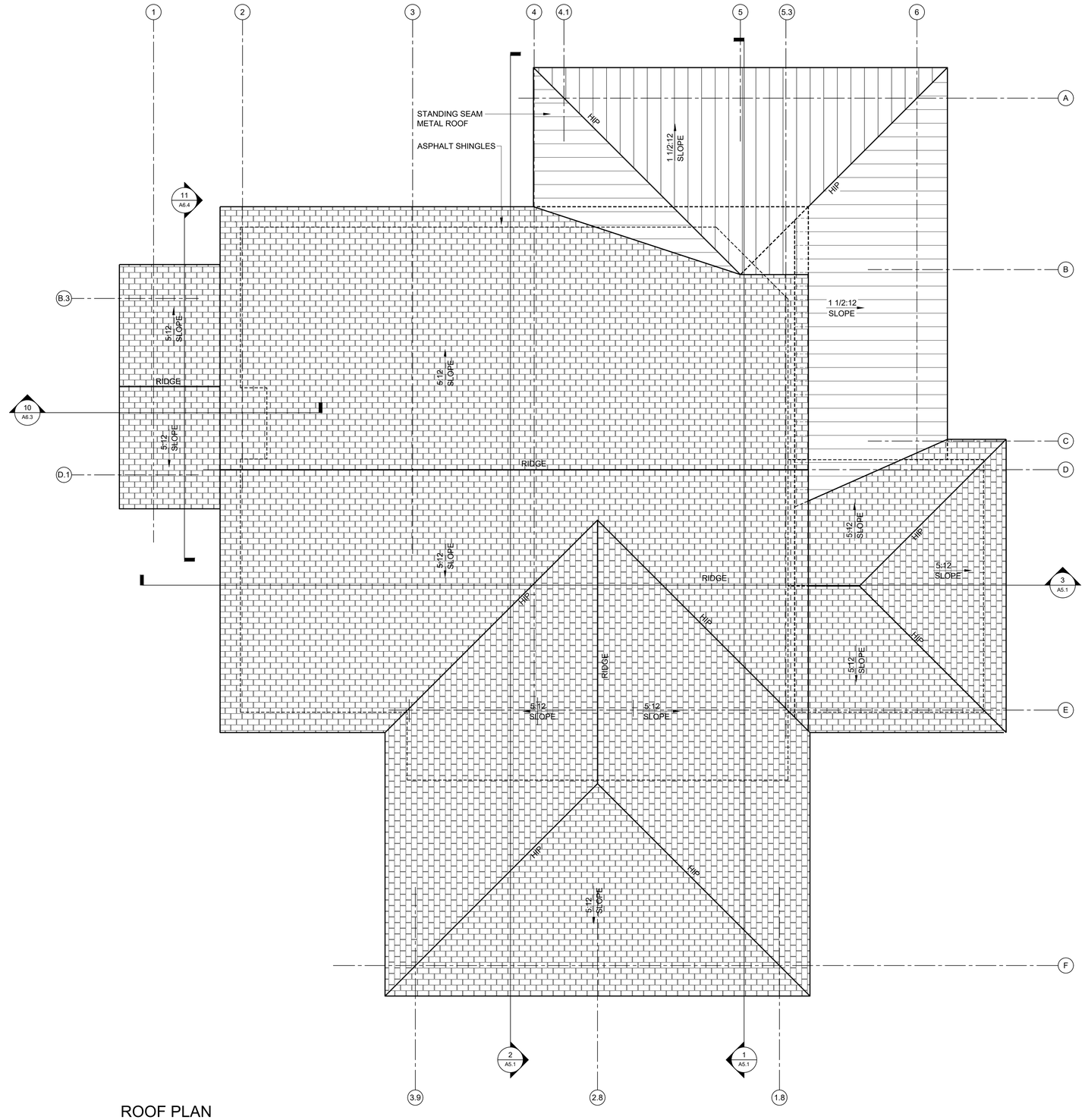
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REFLECTED CEILING PLAN

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ROOF PLAN

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

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FILE NAME: W:\JMRH Projects 2023\23-1299 Pelham Renaming - Officers Quarters 1026\Roof Plan.dwg

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Project Number: 23-1299
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Revisions:

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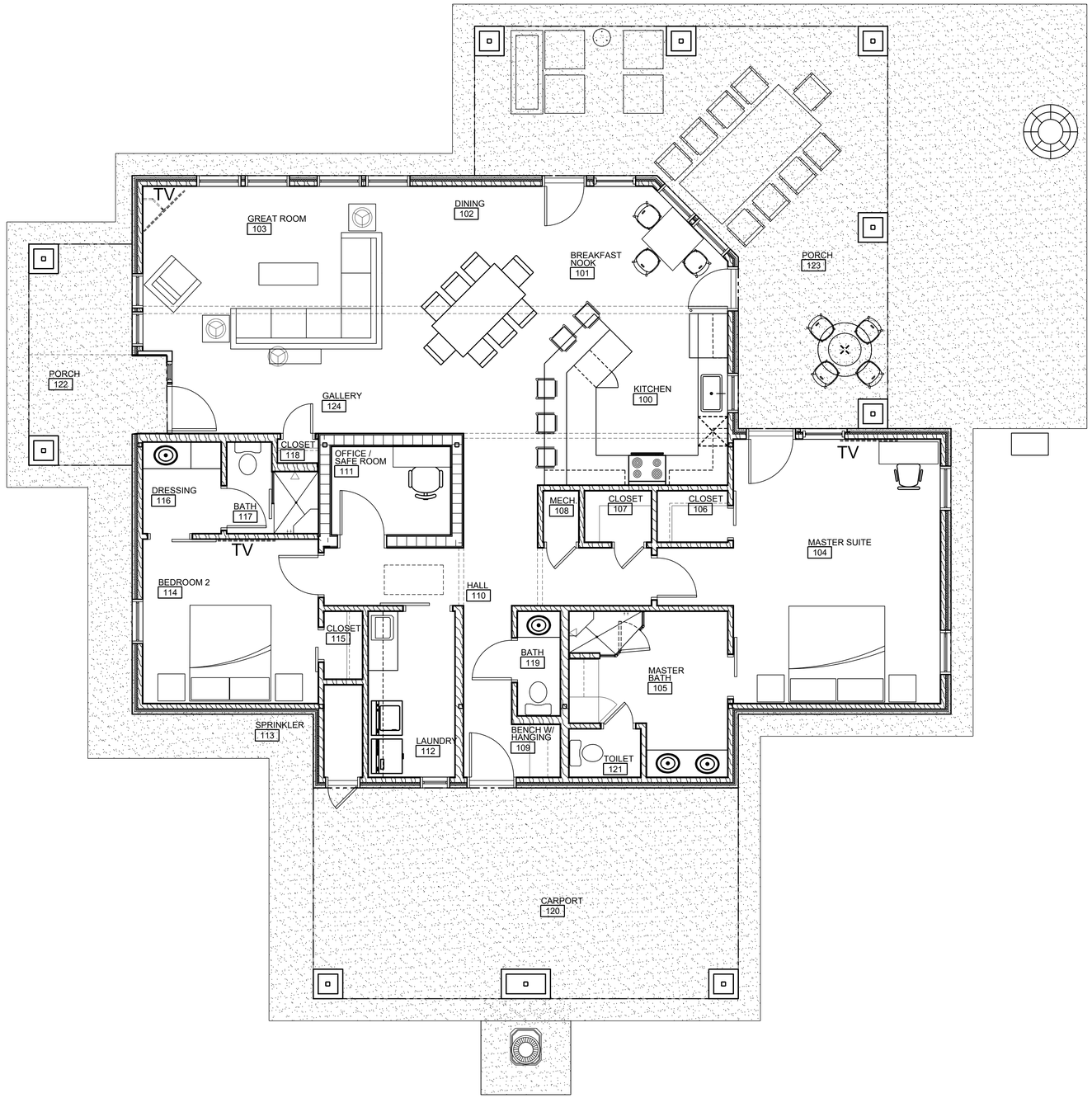
ROOF PLAN

Sheet Number

BI.B/A9.1

PRINTED: 8/31/2023 @ 4:16PM

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FURNITURE PLAN

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

NOTE: ALL FURNITURE SHOWN ON THIS DRAWING IS FOR AV / DATA / ELECTRICAL DESIGN COORDINATION ONLY AND IS NOT A PART OF THE CONSTRUCTION CONTRACT FOR THIS PROJECT. NO FURNITURE IS CURRENTLY FUNDED UNDER ANY FUNDING SOURCE.

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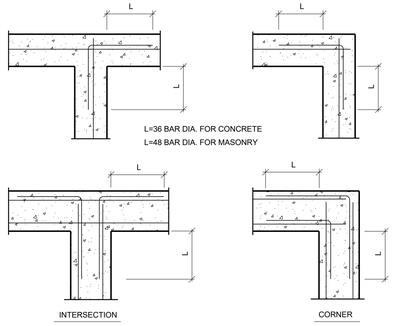
Project Number: 23-1299
Date: 31 AUGUST 2023
Revisions:

Sheet Description

FURNITURE PLAN

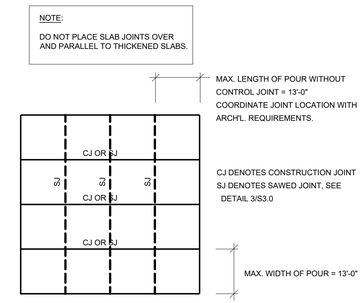
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BI.B/A10.1



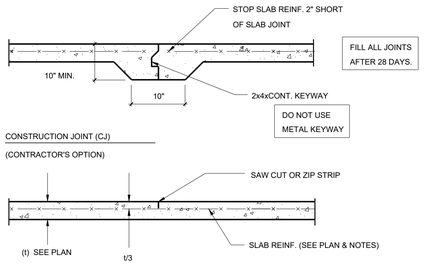
WALL, GRADE BEAM OR FOOTING INTERSECTION DOWELS - PLAN VIEW - DETAIL 1

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



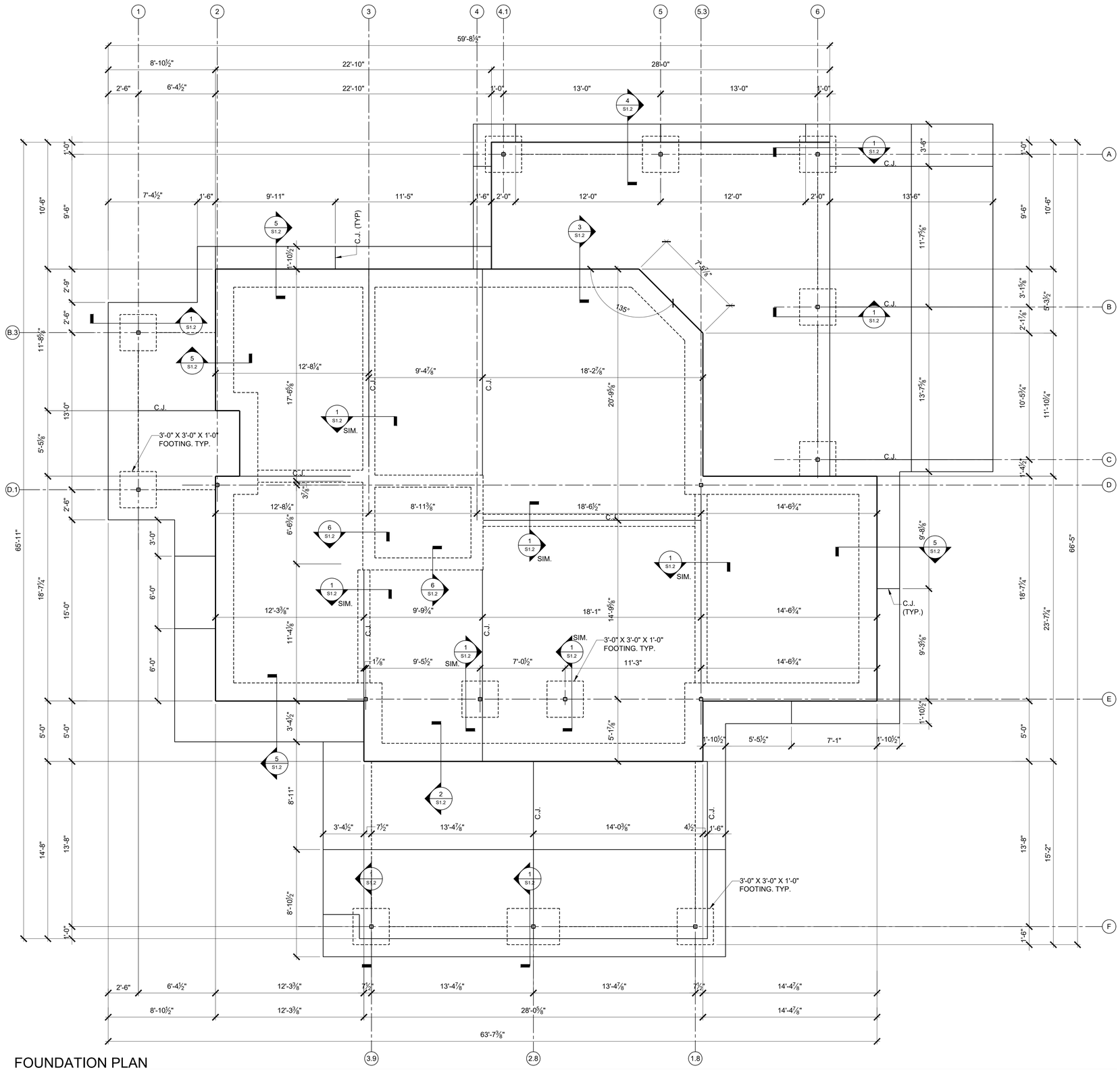
SLAB CONTROL JOINT CRITERIA - DETAIL 2

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



TYPICAL SLAB JOINT DETAILS - DETAIL 3

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



FOUNDATION PLAN

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

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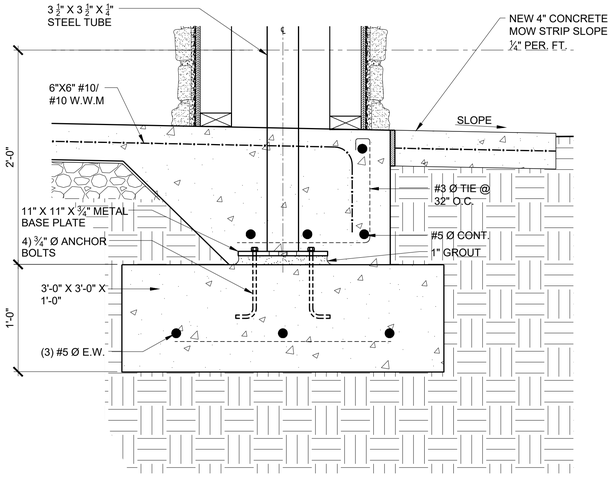
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FOUNDATION PLAN

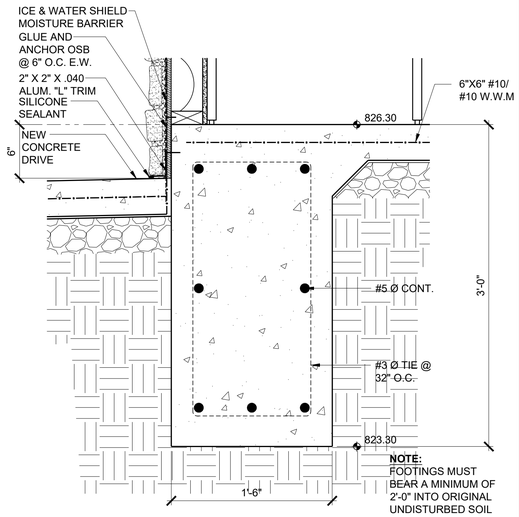
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BI.B/S1.1

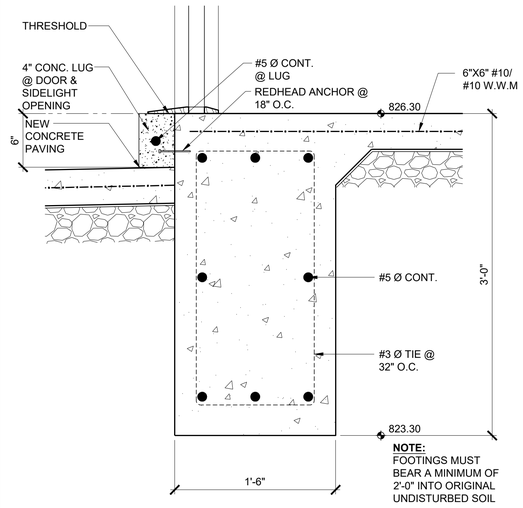
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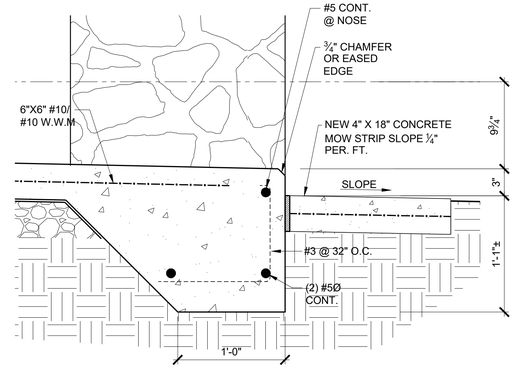
1 S1.2 FOUNDATION DETAIL
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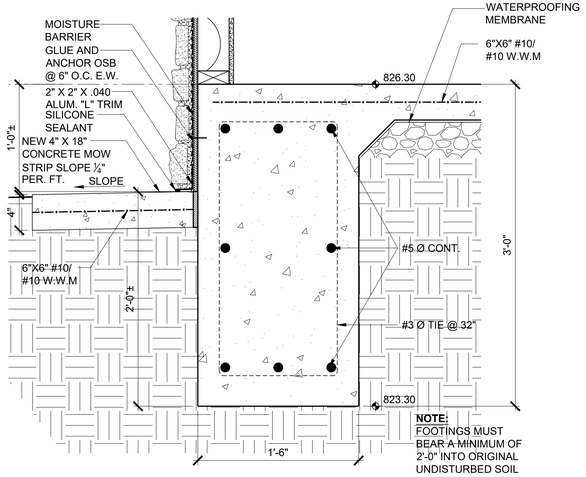
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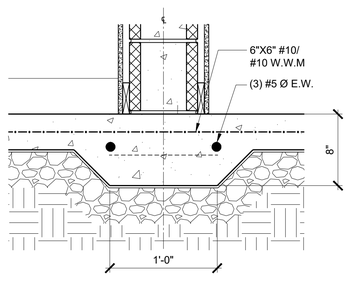
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4 S1.2 FOUNDATION DETAIL
SCALE: 1 1/2" = 1'- 0"



5 S1.2 FOUNDATION DETAIL
SCALE: 1 1/2" = 1'- 0"



6 S1.2 FOUNDATION DETAIL
SCALE: 1 1/2" = 1'- 0"

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CONSTRUCTION DOCUMENTS

Project Number: 23-1299
Date: 31 AUGUST 2023
Revisions:

Sheet Description
FOUNDATION DETAILS

Sheet Number
BI.B/S1.2

PRINTED: 8/31/2023 @ 3:23PM
FILE NAME: W:\JMRH Projects 2023\23-1299 Pelham Renaming - Officers Quarters 1026\Foundation Details.dwg

PRINTED: 8/31/2023 @ 3:22PM

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STRUCTURAL GENERAL NOTES:

1. ALL DESIGN, CONSTRUCTION, AND INSPECTION SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE INTERNATIONAL BUILDING CODE (2015).
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE, INCLUDING EXISTING CONDITIONS.
3. ALL OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT TYPICAL BEFORE PROCEEDING WITH ANY WORK INVOLVED.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY AND PROTECTION WITHIN AND ADJACENT TO THE JOB SITE.
5. TEMPORARY SHORING AND BRACING SHALL BE PROVIDED WHEREVER NECESSARY TO TAKE CARE OF ALL LOADS TO WHICH THE STRUCTURE MAY BE SUBJECTED, INCLUDING WIND. SUCH BRACING SHALL BE LEFT IN PLACE AS LONG AS MAY BE REQUIRED FOR SAFETY OR UNTIL ALL THE STRUCTURAL ELEMENTS ARE COMPLETE.
6. DURING AND AFTER CONSTRUCTION THE CONTRACTOR AND/OR OWNER SHALL KEEP LOADS ON THE STRUCTURE WITHIN THE LIMITS OF THE DESIGN LOADS.
7. THE GENERAL CONTRACTOR SHALL HAVE SHOP DRAWINGS REVIEWED BY THE ARCHITECT PRIOR TO THE FABRICATION OR ERECTION FOR THE FOLLOWING ITEMS: REINFORCING STEEL, STRUCTURAL STEEL, AND MISCELLANEOUS METALS.
8. ALL DETAILS, SECTIONS, AND NOTES ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS UNLESS NOTED OR SHOWN OTHERWISE.
9. REFER TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION NOT COVERED ON THE DRAWINGS.
10. SIZES, LOCATIONS, AND ANCHORAGES OF EQUIPMENT SHALL BE VERIFIED IN THE FIELD WITH EQUIPMENT MANUFACTURERS (SUPPLIERS) PRIOR TO PLACING CONCRETE OR FABRICATING STEEL. LOCATE ALL UTILITIES BEFORE EXCAVATING.

FOOTINGS:

1. ALL FOOTINGS SHALL BEAR 24" MINIMUM INTO ORIGINAL UNDISTURBED EARTH OR ON ENGINEERED FILL COMPACTED TO 98% STANDARD DENSITY BASED ON ASTM D698. SUCH FILL SHALL BE PLACED IN LAYERS NOT TO EXCEED 8" IN DEPTH AFTER COMPACTION AND SHALL EXTEND DOWN TO FIRM IN-SITU SOILS.
2. FOOTING ELEVATIONS SHOWN ON PLAN ARE BOTTOM OF FOOTINGS AND ARE MINIMUM DEPTH. DIFFERENT OR UNUSUAL CONDITIONS SHALL BE REPORTED TO THE ARCHITECT.
3. EXTERIOR WALL FOOTINGS SHALL BEAR AT A MINIMUM DEPTH OF 2'-0" BELOW FINISHED EXTERIOR GRADE.
4. NO FOOTINGS SHALL BE PLACED IN WATER OR ON FROZEN GROUND.
5. ANY SOIL CONDITION ENCOUNTERED DURING EXCAVATION THAT IS CONTRARY TO THE CONDITIONS USED FOR DESIGN OF FOOTINGS AS OUTLINED IN THE SOILS REPORT OR ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING.
6. IN FOOTINGS, UNLESS OTHERWISE SHOWN, PROVIDE CORNER BARS AT ALL EXTERIOR BUILDING CORNERS SAME AS HORIZONTAL REINFORCEMENT.
7. BACK FILL BOTH SIDES OF FOUNDATION WALLS AT SAME TIME TO PREVENT OVERTURNING.
8. WHERE 4" DIAMETER OR LARGER PIPE PASSES THROUGH AN INTERIOR OR EXTERIOR FOUNDATION WALL, STEP THE FOOTING DOWN TO PASS BELOW PIPE, AND THEN STEP BACK UP TO INDICATED ELEVATION. PROVIDE OVERSIZED PIPE SLEEVE THROUGH FOUNDATION WALL.
9. ALL FOOTING EXCAVATIONS SHALL BE EXAMINED BY A GEOTECHNICAL ENGINEER FOR VERIFICATION OF ADEQUATE BEARING CONDITIONS BEFORE PLACING CONCRETE.

CONCRETE:

1. CONCRETE SHALL ATTAIN THE FOLLOWING MINIMUM COMPRESSIVE STRENGTHS AT 28 DAYS:
   EXTERIOR FLAT WORK ..... 4000 PSI
   ALL OTHER CONCRETE..... 3000 PSI
2. A STATEMENT OF MIX DESIGN FOR ALL CONCRETE SHALL BE SUBMITTED TO AND REVIEWED BY THE ARCHITECT PRIOR TO COMMENCING WORK. CONCRETE MIX EXPOSED TO WEATHER SHALL HAVE A MINIMUM OF 4% AIR ENTRAINMENT, U N O.
3. ALL CONCRETE WORK SHALL BE PLACED, CURED, STRIPPED, AND PROTECTED AS DIRECTED BY THE SPECIFICATIONS AND ACI STANDARDS AND PRACTICES.
4. DOWEL VERTICAL BARS 36 DIAMETERS INTO STRUCTURE ABOVE AND FOOTINGS BELOW. PROVIDE 90 DEG. HOOK WHERE 36 DIAMETER IS NOT POSSIBLE'
5. BEFORE CONCRETE IS POURED CHECK WITH ALL TRADES TO ENSURE PROPER PLACEMENT OF ALL OPENINGS, SLEEVES, CURBS, CONDUITS, BOLTS, INSERTS, ETC. RELATIVE TO WORK.
3. ADD 2-#5 BARS MINIMUM AROUND ALL OPENINGS (UNLESS OTHERWISE NOTED) AND EXTEND 24" BEYOND CORNER OF OPENING.
4. ALL SLABS ON GRADE SHALL BE PLACED WITH A MAXIMUM WIDTH OF 14' BETWEEN CONTROL OR CONSTRUCTION JOINTS; REFER TO TYPICAL DETAILS ON DRAWINGS. UNLESS OTHERWISE NOTED, SLABS ON GRADE SHALL BE 4" THICK AND SHALL BE REINFORCED WITH 6 x 6 - W1 .4 x W1 .4 WELDED WIRE FABRIC. PLACE SLAB OVER VAPOR BARRIER OVER 4-INCH THICK LAYER OF CLEAN POROUS FILL.
5. PROVIDE A #3 NOSING BAR IN ALL STAIR TREADS OR STEP NOSING.
6. REFER TO DRAWINGS FOR TYPICAL CONSTRUCTION JOINT DETAILS. UNLESS OTHERWISE NOTED IN DRAWINGS, ALL REINFORCING BARS SHALL BE CONTINUOUS THRU JOINTS AND EACH CONSTRUCTION JOINT SHALL BE KEYED.
7. THE EXTENT OF SUSPENDED SLAB POURS SHALL BE FROM CENTERLINE TO CENTERLINE OF SPANS AND SHALL NOT EXCEED 3000 SF OR 64' IN ANY ONE DIRECTION.
8. WHERE EXTERIOR SLABS ON GRADE ABUT WALLS OR COLUMNS PROVIDE 3/8" PREFORMED EXPANSION JOINT FILLER WITH SEALANT.

REINFORCING STEEL:

1. ALL REINFORCEMENT SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI DETAILING MANUAL 315-92 AND ACI STANDARD 318-95.
2. REINFORCING STEEL SHALL BE ASTM A615 GRADE 60.
3. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. LAP ONE MESH TIE.
4. ALL REINFORCEMENT SHALL BE SECURELY TIED AND HELD IN PLACE.
5. ALL CONTINUOUS REINFORCEMENT SHALL TERMINATE WITH A 90 DEG. TURN OR A SEPARATE CORNER BAR. ALL SPLICES SHALL LAP A MINIMUM OF 36 BAR DIAMETERS.
6. WHERE THE LENGTH OF A BAR IS GIVEN AND IT IS TO BE HOOKED, THE HOOK SHALL BE IN ADDITION TO THE LENGTH GIVEN, UNLESS SHOWN OTHERWISE.
7. COVER TO MAIN REINFORCEMENT FROM ADJACENT SURFACES SHALL BE AS FOLLOWS UNLESS SHOWN OTHERWISE:
   A. UNFORMED SURFACES IN CONTACT WITH GROUND OR EXPOSED TO THE WEATHER (BOTTOM OF FOOTINGS).....3 INCHES.
   B. SLABS ON GRADE.....2 INCHES.
   C. FORMED SURFACES IN CONTACT WITH THE GROUND OR EXPOSED TO THE WEATHER (GRADE BMS, WALLS, ETC), BEAMS AND COLUMNS.....2 INCHES.
   D. STRUCTURAL SLABS AND JOISTS NOT EXPOSED TO WEATHER OR EARTH.....1 INCH.

STRUCTURAL STEEL:

1. ALL STRUCTURAL STEEL AND STRUCTURAL STEEL WORK SHALL COMPLY WITH BOTH THE AISC "MANUAL OF STEEL CONSTRUCTION" CONTAINING THE SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL BUILDINGS, INCLUDING THE"CODE OF STANDARD PRACTICES" (LATEST EDITION), AND WITH THE 2015 INTERNATIONAL BUILDING CODE.
2. STRUCTURAL STEEL TUBING SHALL CONFORM TO ASTM A500 GRADE B; YIELD STRESS = 46 KSI.
3. STRUCTURAL STEEL PIPE COLUMNS SHALL CONFORM TO ASTM A501, GRADE B; YIELD STRESS = 36 KSI.
4. ALL OTHER STRUCTURAL STEEL SHALL BE ASTM A36, UNO.
5. USE A325 BOLTS FOR STEEL TO STEEL CONNECTIONS AND A307 BOLTS FOR ALL OTHER CONNECTIONS. USE 3/4" DIAMETER MINIMUM.
6. ANCHOR BOLTS SHALL COMPLY WITH ASTM F1554.
7. PRIOR TO FABRICATION AND ERECTION, SHOP DRAWINGS FOR ALL STEEL ITEMS SHALL BE REVIEWED BY THE ARCHITECT. THE CONTRACTOR SHALL VERIFY ALL SHOP DRAWING DIMENSIONS WITH STRUCTURAL ARCHITECTURAL PLANS AND DETAILS.
8. ALL WELDS SHALL BE MADE WITH E70XX ELECTRODES WITH A CVN OF 20 FOOT-POUNDS AT -20 DEGREES F., AND BY WELDERS CERTIFIED BY AWS D1.1 STANDARDS.
9. ALL HIGH-STRENGTH BOLTS SHALL BE TIGHTENED TO THE APPROPRIATE MINIMUM BOLT TENSION IN ACCORDANCE WITH "AISC SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS." THE PREFERRED METHOD OF TIGHTENING IS THE SNUG TIGHT CONDITION. PROVIDE CARBONIZED WASHERS UNDER THE TURNED ELEMENT.

WOOD FRAMING:

1. REFER TO STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR DETAILS, ADDITIONAL NOTES AND SCHEDULES PERTAINING TO PLYWOOD ROOF AND SHEAR WALL DIAPHRAGMS.
2. STRUCTURAL FRAMING LUMBER SHALL BE CLEARLY MARKED AND MEET THE FOLLOWING MINIMUM. GRADES AS DEFINED BY THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION:
   A. 2" TO 4" THICK
      5" AND WIDER: SOUTHERN YELLOW PINE(SYP), GRADE NO.2.
   B. EXTERIOR OR BEARING WALL STUDS: SPF
1. UP TO 8' LENGTH: STUD GRADE OR BETTER.
2. OVER 8' LENGTH: SYP, NO. 2 OR BETTER.
C.POSTS AND TIMBERS: SYP, GRADE NO. 2 OR BETTER.
3. ALL ROOF AND CEILING JOISTS SHALL BE SUPPORTED LATERALLY AT THE ENDS AND AT EACH SUPPORT BY SOLID BLOCKING 2" THICK AND THE FULL DEPTH OF THE JOIST, EXCEPT WHERE THE END OF THE JOIST IS ATTACHED TO A HEADER OR BOND BEAM WITH METAL ANCHORS OR HANGERS, U N.O.
4. ALL NAILS SPECIFIED ON DETAILS OR SCHEDULED SHALL BE COMMON NAILS UNLESS NOTED OTHERWISE.
5. HOLES FOR NAILS, WHERE NECESSARY TO PREVENT SPLITTING, SHALL BE BORED OF A DIAMETER SMALLER THAN THAT OF THE NAILS.
6. ALL JOISTS AND BEAM HANGERS, FRAMING ANCHORS, STRAP TIES, AND OTHER METAL FASTENERS FOR WOOD FRAMING SHALL BE SIMPSON BRAND (OR EQUIV.).
7. UNLESS NOTED OTHERWISE, FOLLOW THE NAILING REQUIREMENTS OF THE 2015 IBC FASTENING SCHEDULE.
8. UNLESS NOTED OTHERWISE, ANCHOR ALL RAFTERS AND JOISTS TO SUPPORTS WITH GALVANIZED FRAMING ANCHORS.
9. UNLESS NOTED OTHERWISE, PROVIDE 2 X CONTINUOUS BLOCKING BETWEEN MAIN MEMBERS AT ALL RIDGES, HIPS AND VALLEYS.

MANUFACTURED TIMBER PRODUCTS:

LAMINATED VENEER LUMBER (LVL):

1. UNLESS NOTED OTHERWISE, LVL BEAMS SHALL HAVE THE FOLLOWING PROPERTIES:
   A. MIN. ALLOWABLE BENDING STRESS ..... Fb = 2600 PSI X (12/d)'0.136.
   B. MIN. ALLOWABLE SHEAR STRESS ..... Fv = 285 PSI.
   C. MODULUS OF ELASTICITY ..... E = 1,900,000 PSI.

PLYWOOD DIAPHRAGMS:

ROOF SHEATHING:

1. TYPE: 5/8" APA RATED EXPOSURE 1 (40/20) OR OSB EQUIVALENT.
2. NAILING: 8d COMMON NAILS@ 6" O.C. TO ALL PLYWOOD PANEL EDGES, BEAMS, BLOCKING OVER SHEAR WALLS, AND DIAPHRAGM BOUNDARIES. 8d@ 12" O.C. TO ALL INTERMEDIATE SUPPORTS. (AS SCHEDULED)
3. BLOCKING: NOT REQUIRED.
4. LAYOUT: FACE GRAIN PERPENDICULAR TO SUPPORTS.

WALL SHEATHING (SHEAR WALLS-ALL EXTERIOR WALLS):

1. TYPE: TYPE: 7/16" APA RATED EXPOSURE 1 (32/16) OR OSB EQUIVALENT. NAILING: 8d COMMON NAILS@ 6" O.C. TO ALL PLYWOOD PANEL EDGES, TOP AND BOTTOM WALL PLATES, END ELEMENTS, AND POSTS AT HOLD-DOWN ANCHORS. 8d@ 12" O.C. TO ALL INTERMEDIATE SUPPORTS.
2. NAILING: BLOCKING: 2x THICKNESS OF WALL BLOCKING AT ALL UNSUPPORTED PANEL EDGES.

PLYWOOD DIAPHRAGM FASTENERS:

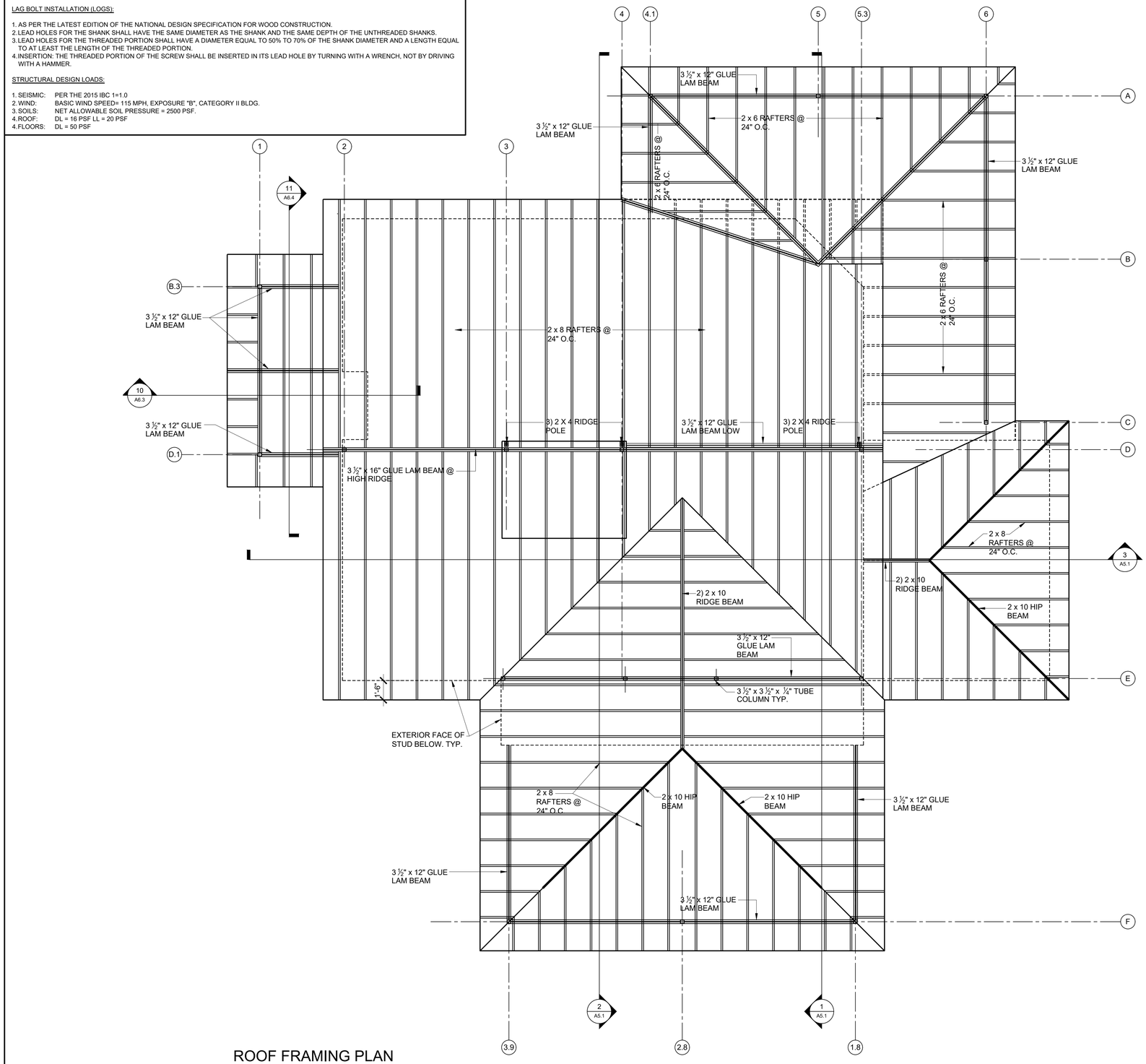
1. SUBSTITUTION OF FASTENERS OTHER THAN THOSE SPECIFIED IN THE STRUCTURAL NOTES IS NOT ALLOWED.
2. NAILS SHALL BE PLACED NOT LESS THAN 3/8" FROM THE EDGE OF PLYWOOD PANELS. STAGGER NAILS EACH SIDE OF PANEL EDGE.
3. AT PLYWOOD SHEAR WALLS, APPLY NAILS AT PANEL EDGE SPACING TO TOP AND BOTTOM PLATES, END POSTS, ALL VERTICAL ELEMENTS AT HOLD DOWN ANCHORS, AND HORIZONTAL BLOCKING.
4. ALL PANEL EDGES OF PLYWOOD SHEAR WALLS MUST BE BLOCKED.

LAG BOLT INSTALLATION (LOGS):

1. AS PER THE LATEST EDITION OF THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.
2. LEAD HOLES FOR THE SHANK SHALL HAVE THE SAME DIAMETER AS THE SHANK AND THE SAME DEPTH OF THE UNTHREADED SHANKS.
3. LEAD HOLES FOR THE THREADED PORTION SHALL HAVE A DIAMETER EQUAL TO 50% TO 70% OF THE SHANK DIAMETER AND A LENGTH EQUAL TO AT LEAST THE LENGTH OF THE THREADED PORTION.
4. INSERTION: THE THREADED PORTION OF THE SCREW SHALL BE INSERTED IN ITS LEAD HOLE BY TURNING WITH A WRENCH, NOT BY DRIVING WITH A HAMMER.

STRUCTURAL DESIGN LOADS:

1. SEISMIC: PER THE 2015 IBC 1=1.0
2. WIND: BASIC WIND SPEED= 115 MPH, EXPOSURE "B", CATEGORY II BLDG.
3. SOILS: NET ALLOWABLE SOIL PRESSURE = 2500 PSF.
4. ROOF: DL = 16 PSF LL = 20 PSF
4. FLOORS: DL = 50 PSF



ROOF FRAMING PLAN

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

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CONSTRUCTION DOCUMENTS

Project Number: 23-1299
Date: 31 AUGUST 2023
Revisions:

Sheet Description

ROOF FRAMING PLAN

Sheet Number

BI.B/S2.1

PLUMBING NOTES

1. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. IT IS INTENDED THAT A COMPLETE PLUMBING SYSTEM BE PROVIDED WITH ALL NECESSARY EQUIPMENT, ACCESSORIES, AND CONTROLS COMPLETELY COORDINATED WITH ALL TRADES. ALL REQUIREMENTS GIVEN IN THESE DOCUMENTS SHALL BE STRICTLY CONFORMED TO. ANY ITEMS AND LABOR REQUIRED FOR A COMPLETE PLUMBING SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS, LOCAL AUTHORITIES, AND THESE CONTRACT DOCUMENTS SHALL BE FURNISHED WITHOUT INCURRING ANY ADDITIONAL COST TO THE OWNER. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS AND THE DESIGN OF OTHER TRADES BEFORE PREPARING SHOP DRAWINGS.
2. COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, HVAC, AND ELECTRICAL TRADES. PIPE ROUTING SHOWN IS DIAGRAMMATIC. PROVIDE ALL OFFSETS, ETC., TO AVOID INTERFERENCES WITH EQUIPMENT, PIPING, DUCTWORK, LIGHTS, CONDUIT, ETC.
3. FIELD VERIFY EXACT SIZE, MATERIAL, AND LOCATION OF ALL EXISTING UTILITIES BEFORE BEGINNING WORK.
4. VERIFY LOCATION OF ALL FIXTURES WITH ARCHITECTURAL PLANS.
5. VERIFY ALL FIXTURE MOUNTING HEIGHTS WITH ENGINEER AND ARCHITECT.
6. COORDINATE ALL FLOOR PENETRATIONS WITH STRUCTURAL DRAWINGS. SET SLEEVES IN FLOORS/WALLS AND ATTACHMENTS FOR HANGERS AS CONSTRUCTION PROGRESSES. ALL PENETRATIONS MUST BE SEALED AND HELD AS TIGHT TO COLUMNS OR WALLS AS POSSIBLE.
7. PROVIDE 12"X12" ACCESS PANEL FOR SHOCK ABSORBERS, TRAP PRIMERS, AND ALL VALVES LOCATED ABOVE NON-ACCESSIBLE CEILINGS AND INSIDE PIPE CHASES. EXACT LOCATION MUST BE COORDINATED WITH ARCHITECTURAL AND APPROVED BY ARCHITECT PRIOR TO INSTALLATION.
8. ALL PIPING SHALL BE CONCEALED INSIDE WALLS, WITHIN PIPE CHASES, OR ABOVE CEILINGS. HOLD ALL PIPING ABOVE CEILING AS HIGH AS POSSIBLE.
9. COORDINATE ALL UNDERGROUND PIPING WITH GRADE BEAMS, WALL FOOTINGS, AND OTHER STRUCTURAL CONDITIONS.
10. PLUMBING CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO ALL EQUIPMENT INDICATED ON DRAWINGS FINAL CONNECTION SHALL INCLUDE ANY ADAPTORS, NIPPLES, SHUT-OFF VALVES, PRV'S, SHOCK ABSORBERS, BACKFLOW PREVENTION DEVICES, REGULATORS, ETC.
11. ALL STRUCTURAL PENETRATIONS (SLEEVES, BLOCK OUTS, ETC.) ARE TO BE LOCATED AND COORDINATED IN THE FIELD BY THE CONTRACTOR IN RELATION TO THE REQUIREMENTS OF FINAL EQUIPMENT AND FIXTURES SELECTED.
12. CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO ALL DOMESTIC WATER AND SANITARY SEWERS, UNLESS OTHERWISE NOTED.
13. ALL PLUMBING COMPONENTS TO BE LEAD-FREE.
14. HORIZONTAL DRAINAGE PIPING OF 2-1/2" DIAMETER OR LESS SHALL BE INSTALLED WITH A FALL OF NOT LESS THAN 1/4" PER FOOT. PIPING 3" AND LARGER SHALL BE INSTALLED WITH A FALL OF NOT LESS THAN 1/8" PER FOOT.
15. SET FLOOR DRAIN ELEVATION DEPRESSED BELOW FINISHED SLAB ELEVATION AS LISTED BELOW TO PROVIDE PROPER FLOOR SLOPE TO DRAIN:
    5 FOOT DRAIN RADIUS : 1/2" DEPRESSION
    10 FOOT DRAIN RADIUS : 3/4" DEPRESSION
    15 FOOT DRAIN RADIUS : 1" DEPRESSION
    20 FOOT DRAIN RADIUS : 1-1/4" DEPRESSION
    25 FOOT DRAIN RADIUS ; 1-1/2" DEPRESSION
16. ALL TRAP ARMS, P-TRAPS, ETC. EXPOSED UNDER LAVATORIES SHALL BE 18. GA. CHROME PLATED.
17. ABOVE GROUND DRAINAGE AND VENT PIPING LOCATED WITHIN FIRE RATED WALLS SHALL BE COPPER PIPE IN ACCORDANCE WITH STANDARDS ASTM B42 AND B302 OR CAST IRON PIPE IN ACCORDANCE WITH STANDARDS ASTM A 74; ASTM A 888; CISPI 301. COORDINATE WITH ARCHITECTURAL LIFE SAFETY PLANS FOR EXACT LOCATION OF ALL FIRE WALLS.
18. ALL CONDENSATE DRAIN PIPING LOCATED WITHIN RETURN AIR PLENUM, SHALL BE TYPE "L" COPPER. ALL COPPER PIPING MUST BE INSULATED WITH 1/2" ARMAFLEX OR APPROVED EQUAL. PIPING CAN ALSO BE SCHEDULE 40 CPVC. ALL CONDENSATE DRAIN PIPING THAT IS NOT LOCATED WITHIN RETURN AIR PLENUM MAY BE SCHEDULE 40 PVC WITH 1/2" ARMAFLEX INSULATION (OR APPROVED EQUAL). INSULATION SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATION. COORDINATE WITH HVAC PLAN FOR REQUIREMENT AND LOCATION OF AIR PLENUM(S).
19. VERIFY ORIENTATION OF FLUSHING MECHANISM ON TOILET/URINAL WITH ARCHITECT/ENGINEER PRIOR TO ROUGH-IN.
20. PROVIDE REDUCED PRESSURE BACKFLOW PREVENTER AT ALL CONNECTIONS TO MECHANICAL EQUIPMENT. KITCHEN AND LAUNDRY EQUIPMENT, ETC., AS REQUIRED BY CODE AND BY LOCAL AUTHORITY. CONTRACTOR IS TO VERIFY WITH THE LOCAL AUTHORITY THE TYPE OF BACKFLOW PREVENTION DEVICE REQUIRED FOR ALL APPLICATIONS PRIOR TO INSTALLATION.
21. ALL OVERHEAD WATER PIPING SHALL BE INSTALLED BELOW CEILING INSULATION.
22. INSTALL BACKFLOW PREVENTION IN ACCORDANCE WITH CITY AND STATE REQUIREMENTS. INSTALL ON MAIN DOMESTIC WATER SERVICE TO THE BUILDING.
23. CONTRACTOR SHALL INSTALL WATER HAMMER ARRESTER EQUAL TO ZURN SERIES 1700 AT EACH PLUMBING GROUP.
24. CONTRACTOR TO FURNISH AND INSTALL ANTI-SIPHON VALVE ON EACH WATER HEATER.
25. CONTRACTOR SHALL FURNISH AND INSTALL BALL VALVES FOR WATER SHUT-OFF AT FIXTURE GROUPINGS.
26. WATER HEATERS SHALL INCLUDE HEAT TRAP FITTING ON INLET AND OUTLET WATER CONNECTIONS.
27. ALL STOPS/SUPPLIES SHALL BE CHROME PLATED BRASS.
28. ALL GAS PIPING SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH NFPA 54, INTERNATIONAL FUEL GAS CODE.
29. ALL EXPOSED INTERIOR OR EXTERIOR GAS LINES ARE TO BE PAINTED BY THE PLUMBING CONTRACTOR WITH ONE COAT OF LATEX PAINT. INTERIOR COLOR TO MATCH WALL. EXTERIOR COLOR TO BE SELECTED BY ARCHITECT.
30. PROVIDE INSULATING UNION BETWEEN ABOVE AND BELOW GROUND GAS PIPING.
31. UNDERGROUND GAS PIPING TO BE ASTM D 2513, POLYETHYLENE, DR 11 OR DR 11.5. REFERENCE GAS PLUMBING PLAN FOR PRESSURE OF UNDERGROUND GAS PIPING.
32. FURNISH AND INSTALL STEEL RISER TO A MINIMUM DEPTH OF 36" BELOW GRADE AT ALL LOCATIONS WHERE PE GAS PIPING RISES ABOVE GRADE.

PLUMBING EQUIPMENT SCHEDULE

MARK NO.	FIXTURE TYPE	MANUFACTURER'S MODEL NO.	MOUNT	MOUNT HEIGHT	WASTE SIZE	VENT SIZE	C.W. SIZE	H.W. SIZE	NOTES
WC-1	WATER CLOSET TANK TYPE	AMERICAN STANDARD CHAMPION RIGHT HEIGHT MODEL 747AA.1075C OR APPROVED EQUAL	FLOOR	16-1/2" TO RIM	4"	2"	1/2"	–	WHITE ELONGATED VITREOUS CHINA, ELONGATED WHITE CLOSED FRONT WOOD SEAT, SLOW CLOSING, BOLT CAPS 12" ROUGH-IN, SUPPLY WITH STOPS
L-1	LAVATORY 20"X17"	AMERICAN STANDARD MODEL #0497300.020 OR APPROVED EQUAL	UNDERMOUNT	–	1-1/4"	1-1/4"	1/2"	1/2"	WHITE VITREOUS CHINA, OPEN GRID STRAINER, DELTA MODEL WINDMERE FAUCET, W/ 1.2 GPM AERATOR, P-TRAP W/ CLEANOUT, SUPPLIES W/ STOPS. VERIFY FAUCET COLOR WITH ARCHITECT.
S-1	SINGLE COMPARTMENT (30.5x18.5)	ELKAY MODEL # ELUH 281610PDBG OR APPROVED EQUAL	CABINET	–	1-1/2"	1-1/4"	1/2"	1/2"	ELKAY MODEL NO. LK-335 STRAINER, DELTA MODEL 9159-AR-DST ARCTIC STAINLESS FINISH FAUCET, SUPPLIES WITH STOPS, P-TRAP WITH CLEANOUT.
S-2	SINGLE COMPARTMENT (24x18)	DELTA MODEL 953034-24SL-SS OR APPROVED EQUAL	CABINET	–	1-1/2"	1-1/4"	1/2"	1/2"	ELKAY MODEL NO. LK-335 STRAINER, DELTA MODEL 9159-AR-DST ARCTIC STAINLESS FINISH FAUCET, SUPPLIES WITH STOPS, P-TRAP WITH CLEANOUT.
SH-1	SHOWER BUILT-IN	BUILT-IN OR APPROVED EQUAL	FLOOR	–	2"	2"	1/2"	1/2"	DELTA MODEL IN2ITION VALVE DUAL/COMBO SHOWERHEAD (BRUSHED NICKEL) ZURN MODEL ZN-415 5" DIA. BRUSHED NICKEL SHOWER DRAIN VERIFY SHOWERHEAD FINISH COLOR WITH ARCHITECT.
DW-1	RESIDENTIAL DISHWASHER	SUPPLIED BY OTHERS INSTALLED BY PLUMBING CONTRACTOR	–	–	1"	–	–	3/4"	SEE DETAIL FOR WASTE CONNECTION TO ADJACENT SINK

EQUALS BY ELJER, KOHLER, TOTO, AND AMERICAN STANDARD WILL BE ACCEPTED.

PLUMBING SPECIALITY SCHEDULE

MARK NO.	FIXTURE TYPE	MANUFACTURER'S MODEL NO.	MOUNT	MOUNT HEIGHT	WASTE SIZE	VENT SIZE	C.W. SIZE	H.W. SIZE	MIXED WATER SIZE	NOTES
FD-1	FLOOR DRAIN	ZURN MODEL NO. ZN-415B OR APPROVED EQUAL	FLOOR	–	4"	2"	–	–	–	5" DIA. NICKEL BRONZE ADJUSTABLE TOP PROSET SYSTEM INC. TG34IP RETROFIT TRAP GUARD
HD-1	HUB DRAIN	PROSET MODEL SYSTEM INC. MODEL NO. TG34IP OR APPROVED EQUAL	FLOOR	–	4"	2"	–	–	–	STUB TO 1" A.F.F.
WH-1	WALL HYDRANT	WOODFORD MODEL NO. B65 OR APPROVED EQUAL	WALL	18" TO 24"	–	–	3/4"	–	–	FREEZELESS, ANTI-SIPHON, LOCKING BOX
WB-1	ICEMAKER WALLBOX	OATEY MODEL NO. 38574 OR APPROVED EQUAL	WALL	36" A.F.F.	–	–	1/2"	–	–	1/4 TURN BRASS BALL VALVE – COPPER SWEAT – STANDARD PACK WITH 6' STAINLESS STEEL HOSE
WB-2	WASHER WALLBOX	OATEY MODEL NO. 38541 OR APPROVED EQUAL	WALL	36" A.F.F.	2"	1-1/2"	1/2"	1/2"	–	WITH 1/4 TURN VALVES AND CPVC CONNECTION AND MOUNTED WATER HAMMER ARRESTOR
F.C.O.	FLOOR CLEANOUT	ZURN MODEL NO. ZN-1400-2 OR APPROVED EQUAL	FLOOR	–	4"	–	–	–	–	6" DIA. ADJUSTABLE NICKEL BRONZE TOP
W.C.O.	WALL CLEANOUT	ZURN MODEL NO. Z-1441 OR APPROVED EQUAL	WALL	–	4"	–	–	–	–	7" DIA. STAINLESS STEEL COVER
W.H.A.	WATER HAMMER ARRESTOR	ZURN SERIES 1700 OR APPROVED EQUAL	–	–	–	–	VARIES	VARIES	–	

EQUALS BY JAY R SMITH, ZURN, OATEY, OR JONES WILL BE ACCEPTED

PLUMBING LEGEND

SS	SANITARY SEWER	NG	NATURAL GAS		BALL VALVE IN PLASTIC METER BOX W/CAST IRON LID		TEE
CD	CONDENSATE DRAIN		FLOOR DRAIN		BUTTERFLY VALVE		CROSS
CW	COLD WATER		HUB DRAIN		THREE WAY VALVE	VTR	VENT THRU ROOF
140°	140° HOT WATER		BALL VALVE		RISER DOWN (ELBOW)	AAV	AIR ADMITTANCE VALVE (IPC APPROVED)
V	VENT		GAS COCK		RISER UP (ELBOW)		
MW	MIXED WATER		CHECK VALVE		90° ELBOW		

OUTDOOR GAS WATER HEATER SCHEDULE

MARK NO.	MODEL NO.	BTU INPUT	RECOVERY GPH @ 45°/77° RISE	GAS CONN SIZE	WIDTH SIZE	DEPTH SIZE	HEIGHT SIZE	WATER CONN SIZE	APPROX SHIP WEIGHT	VOLTAGE
GWH-1	RHEEM NO RTGH-95XLN OR APP'V EQUAL.	199,000	8.4/4.9	3/4"	18-1/2"	9-3/4"	27-1/2"	3/4"	82	120-1-60

NOTES:
1. SINGLE COMMERCIAL WALL MOUNTED REMOTE CONTROL
2. STANDARD VENT DISCHARGE KIT
3. NATURAL GAS PRESSURE : 7" – 10.5" W.C.
4. INSTALLATION SHALL INCLUDE HEAT TRACING OF ALL EXTERIOR WATER PIPING.
5. INSTALLATION SHALL INCLUDE SURFACE MOUNTED WALL BOX WITH PIPE ENCLOSURE/CHASE.
6. ELECTRICAL IS 120-1-60 , 90 WATTS
7. WARRANTY: 12 YEARS HEAT EXCHANGER, 5 YEAR PARTS, 1 YEAR LABOR

PVC PIPE HANGER SPACING GUIDE

PVC PIPE SUPPORTS - SCHEDULE 40

MAXIMUM SUPPORT SPACING (FEET)

NPS (INCHES)	OPERATING TEMPERATURE (°F)		
	60	100	140
1/2	4.5	4	2.5
3/4	5	4	2.5
1	5.5	4.5	2.5
1-1/4	5.5	5	3
1-1/2	6	5	3
2	6	5	3
3	7	6	3.5
4	7.5	6.5	4
6	8.5	7.5	4.5
8	9	8	4.5

PVC PIPE SUPPORTS - SCHEDULE 80

MAXIMUM SUPPORT SPACING (FEET)

NPS (INCHES)	OPERATING TEMPERATURE (°F)		
	60	100	140
1/2	5	4.5	2.5
3/4	5.5	4.5	2.5
1	6	5	3
1-1/2	6.5	5.5	3.5
2	7	6	3.5
3	8	7	4
4	9	7.5	4.5
6	10	9	5
8	11	9.5	5.5

NOTE: PLASTIC PIPE SUPPORTS SHALL BE AS NOTED ABOVE UNLESS MANUFACTURER'S RECOMMENDATION IS MORE STRINGENT FOR THE APPLICATION.

CODES AND STANDARDS

- **2021 INTERNATIONAL RESIDENTIAL CODE**

PLUMBING DRAWING INDEX

SHEET NO.	SHEET TITLE
BI.B/P1.1	PLUMBING SCHEDULES, LEGEND, AND NOTES
BI.B/P1.2	PLUMBING DETAILS
BI.B/P2.1	WASTE AND CONDENSATE PLUMBING PLAN
BI.B/P2.2	WASTE PLUMBING RISER DIAGRAM
BI.B/P3.1	WATER AND NATURAL GAS PLUMBING PLAN
BI.B/P3.2	WATER AND GAS PLUMBING RISER DIAGRAMS

PLUMBING SCHEDULES, LEGEND, AND NOTES

NOT TO SCALE

WHORTON ENGINEERING, INC.
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PELHAM RENAMING EFFORT
FT. MCCLELLAN, AL

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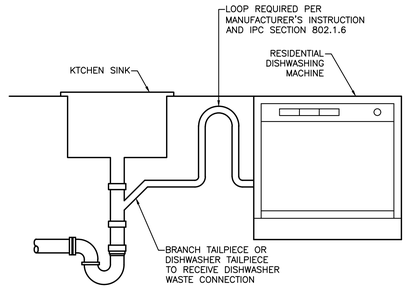
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Date: 31 AUGUST 2023
Revisions:

Sheet Description

PLUMBING SCHEDULES, LEGEND, AND NOTES

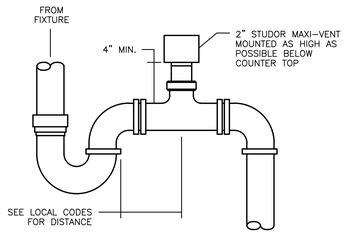
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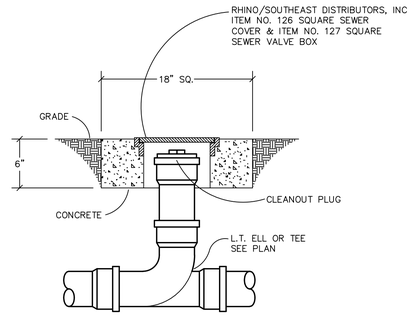
RESIDENTIAL DISHWASHER WASTE CONNECTION

NOT TO SCALE



TYPICAL ADMITTANCE VALVE DETAIL

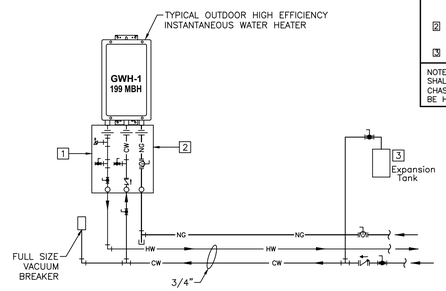
NOT TO SCALE



CLEANOUT UP TO GRADE

NOT TO SCALE

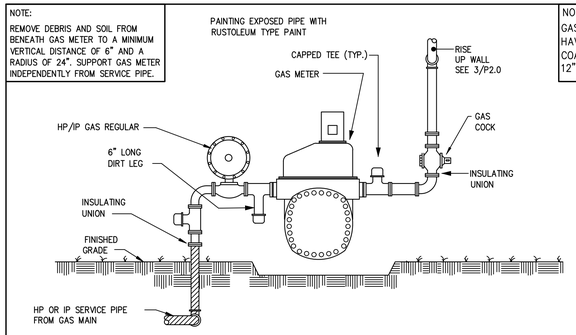
OUTDOOR GAS WATER HEATER DETAIL



1. WEBSTONE MODEL 28003 FULL PORT FORGED BRASS PRESSURE RELIEF RELOCATION FITTING, RELIEF VALVE, AND WEBSTONE MODEL 40653 HOT ISOLATOR EXP WITH IPS CONNECTIONS.
2. WEBSTONE MODEL 40663 COLD ISOLATOR EXP WITH IPS CONNECTIONS.
3. AMTROL EXPANSION TANK. MODEL ST-12

NOTE: ALL PIPING ON EXTERIOR OF BUILDING SHALL BE CONCEALED INSIDE FACTORY PIPE CHASE/COVER. ALL OUTDOOR PIPING SHALL BE HEAT TRACED.

NOTE:
REMOVE DEBRIS AND SOIL FROM BENEATH GAS METER TO A MINIMUM VERTICAL DISTANCE OF 6" AND A RADIUS OF 24". SUPPORT GAS METER INDEPENDENTLY FROM SERVICE PIPE.



NOTE:
GAS LINES SHALL HAVE PROTECTIVE COATING UP TO 12" ABOVE GRADE.

GAS METER PIPING

NOT TO SCALE

PLUMBING DETAILS

NOT TO SCALE

WHORTON ENGINEERING, INC.
HVAC – PLUMBING – PROCESS CONTROL
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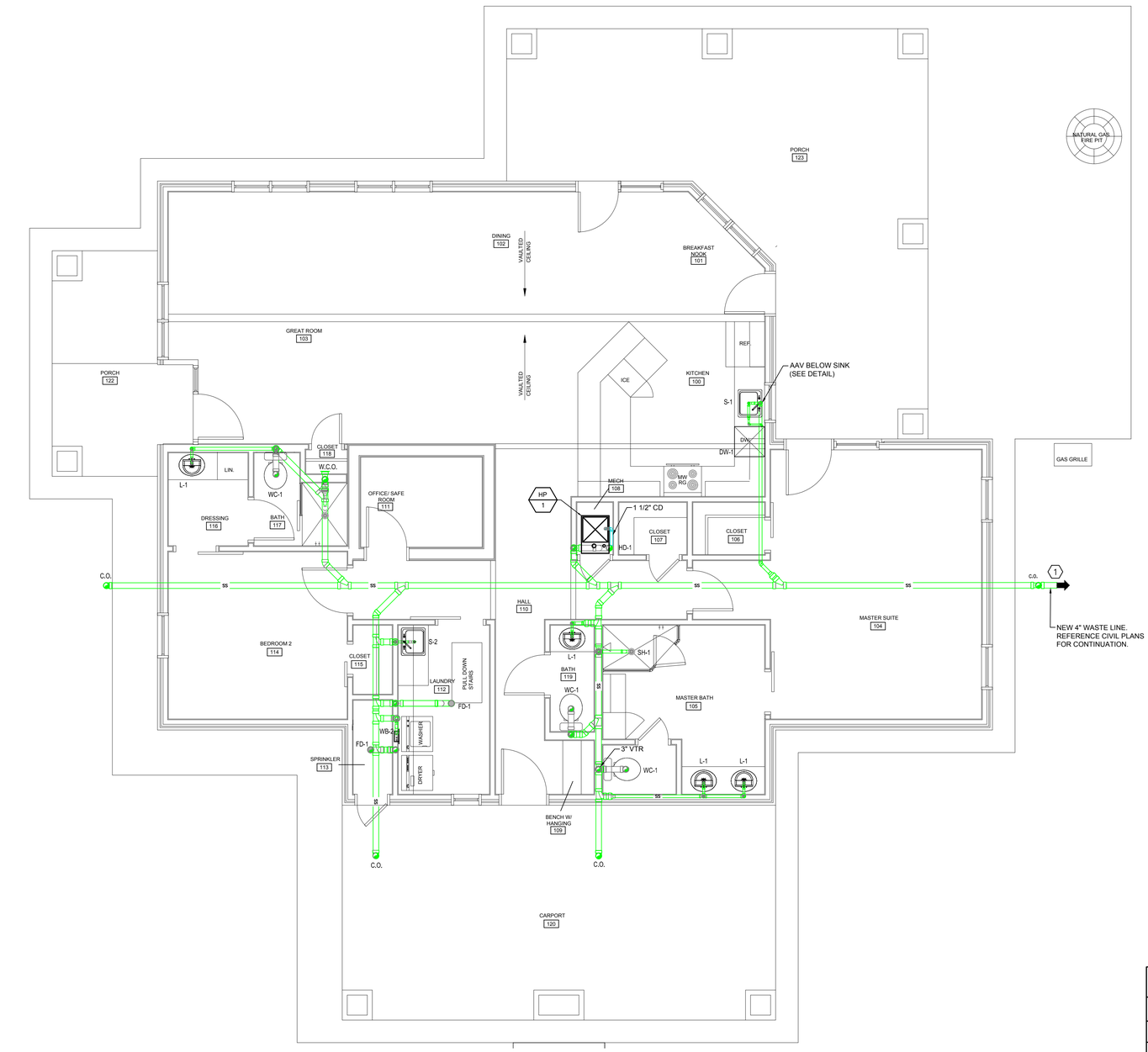
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PLUMBING DETAILS

Sheet Number

BI.B/P1.2



SANITARY OUTFALL		
MARK NO.	HORIZ. LENGTH FT	EST. BFF (BELOW FIN. FLOOR) FT
1	61'	±3.63
NOTE: VERIFY FINAL OUTFALL WITH CIVIL ENGINEER PRIOR TO BEGINNING WORK.		

N

W E

S

WASTE AND CONDENSATE PLUMBING PLAN

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

0' 5' 10' 20'

SCALE

WHORTON ENGINEERING, INC.

HVAC – PLUMBING – PROCESS CONTROL

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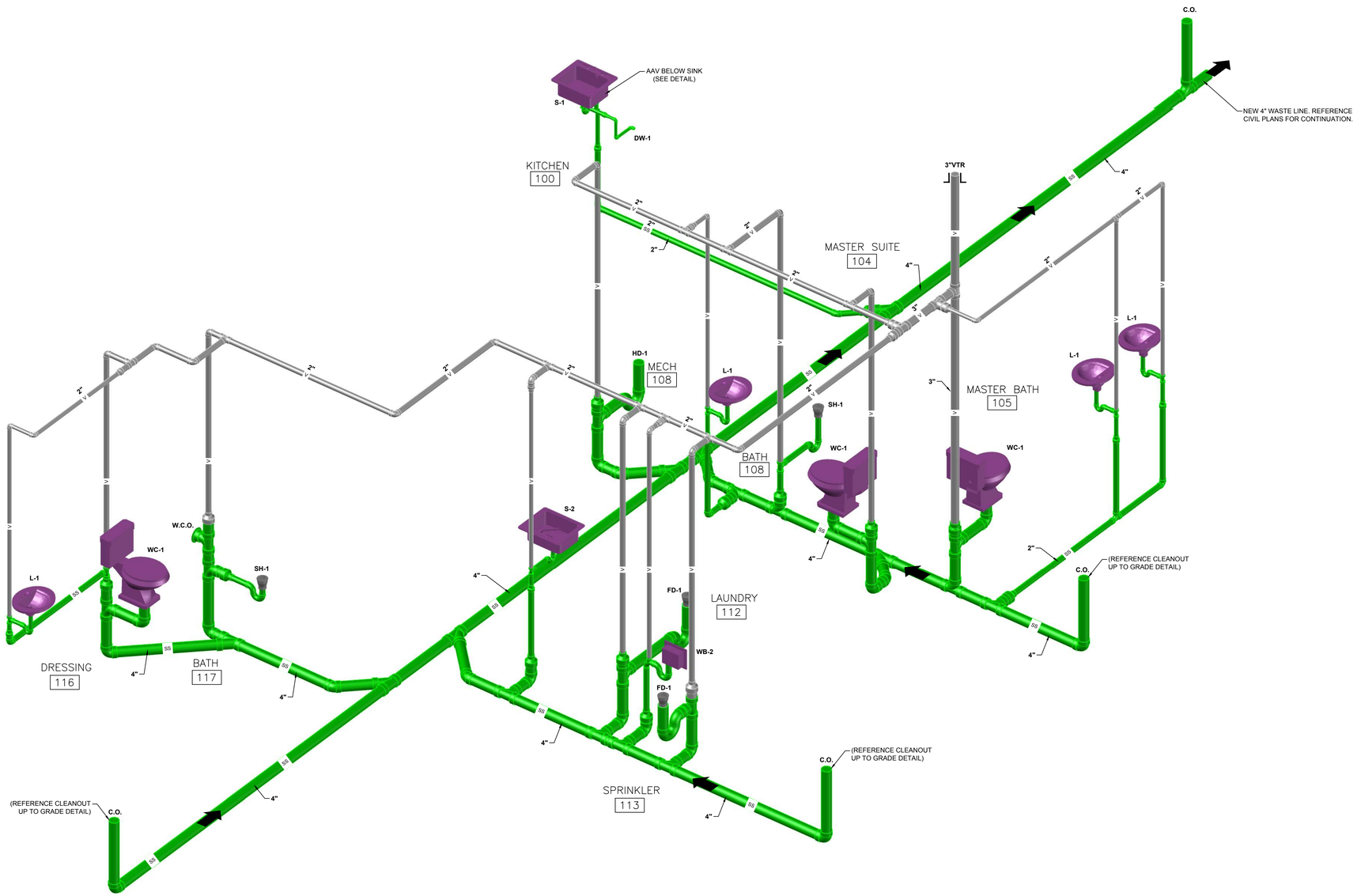
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Sheet Description

WASTE AND CONDENSATE PLUMBING PLAN

Sheet Number

BI.B/P2.1



ALL BELOW SLAB WASTE PIPING SHALL BE 2" MINIMUM.

WASTE PLUMBING RISER DIAGRAM

NOT TO SCALE

WHORTON ENGINEERING, INC.
HVAC – PLUMBING – PROCESS CONTROL
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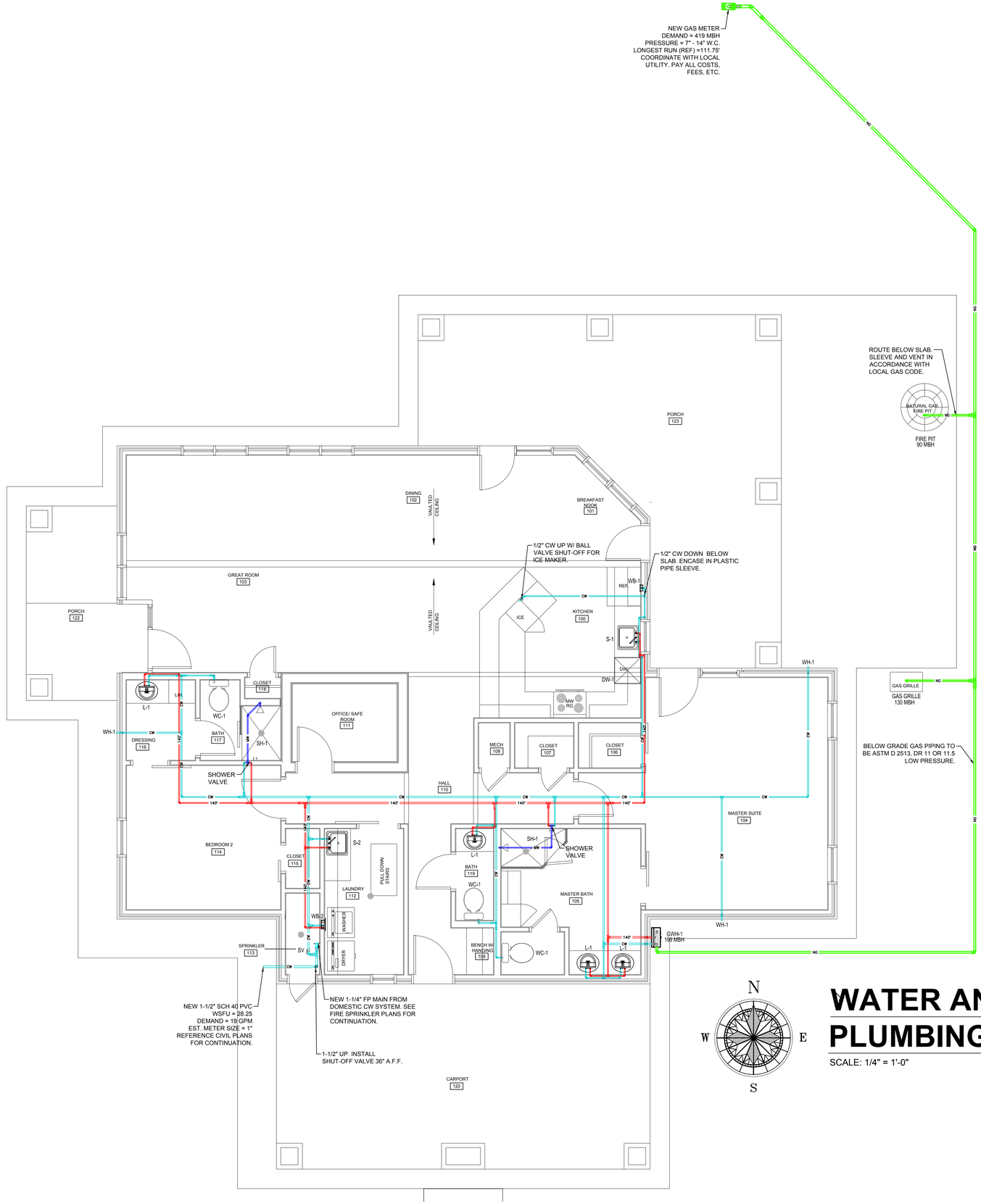
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Sheet Description

WASTE PLUMBING RISER DIAGRAM

Sheet Number

BI.B/P2.2



WATER AND NATURAL GAS PLUMBING PLAN

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

SCALE 0' 5' 10' 20'

WHORTON ENGINEERING, INC.

HVAC – PLUMBING – PROCESS CONTROL

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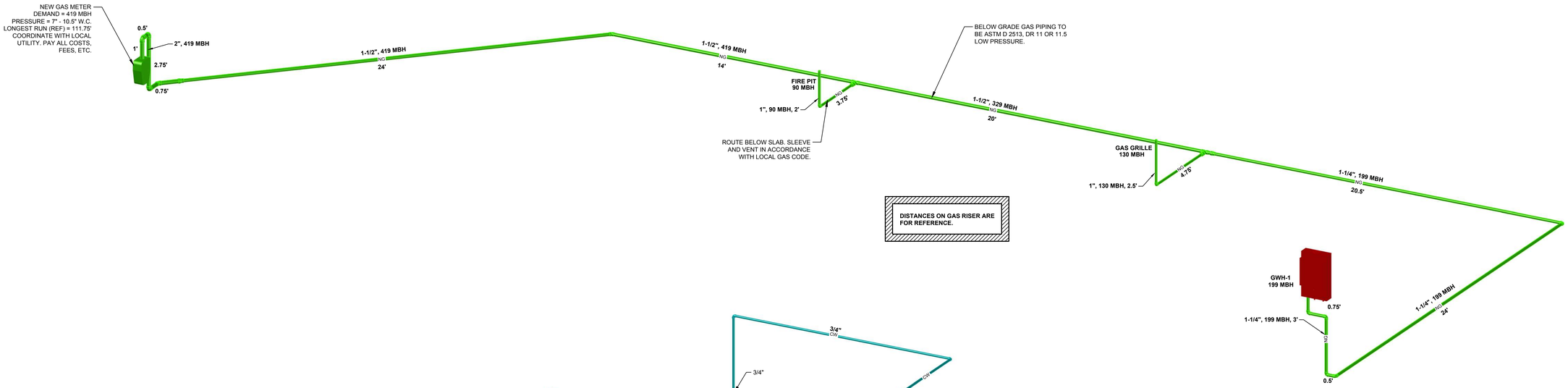
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WATER AND NATURAL GAS PLUMBING PLAN

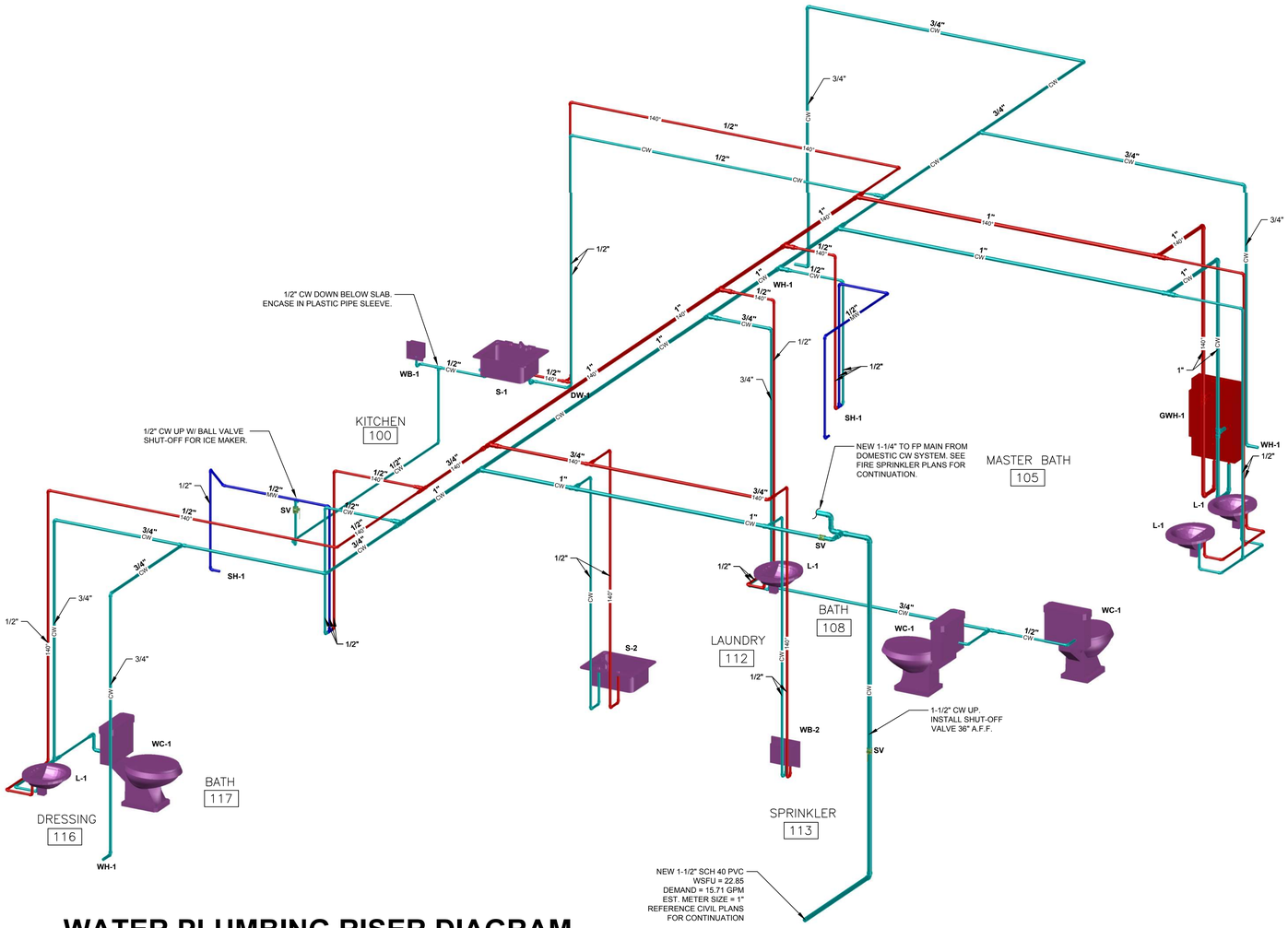
Sheet Number

BI.B/P3.1



GAS PLUMBING RISER DIAGRAM

NOT TO SCALE



WATER PLUMBING RISER DIAGRAM

NOT TO SCALE

WATER AND GAS PLUMBING RISER DIAGRAM

NOT TO SCALE

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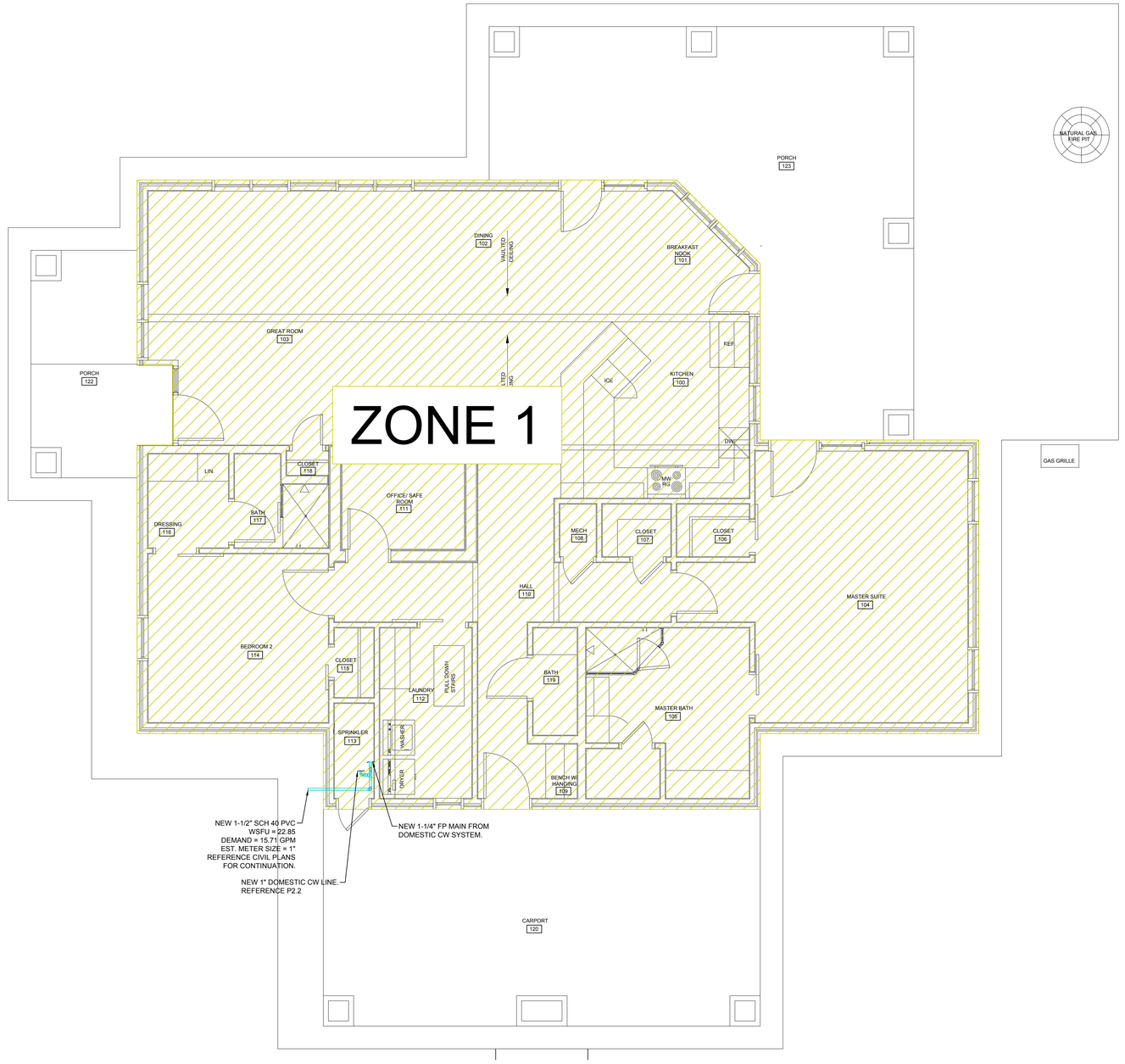
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Sheet Description

WATER AND GAS PLUMBING RISER DIAGRAM

Sheet Number

BI.B/P3.2



N

W E

S

FIRE SPRINKLER PLUMBING PLAN

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

0' 5' 10' 20'

SCALE

FIRE SPRINKLER SYSTEM NOTES

1. THE FIRE PROTECTION SYSTEM IS SHOWN IN SCHEMATIC FORM ONLY. THE SUCCESSFUL FIRE PROTECTION VENDOR SHALL LOCATE AND SIZE ALL SPRINKLER HEADS, FIRE DEPARTMENT CONNECTIONS, STANDPIPE SYSTEMS, PIPING, ETC. IN COMPLETE ACCORDANCE WITH NFPA 13D AND THE 2021 INTERNATIONAL RESIDENTIAL CODE AND LOCAL REQUIREMENTS.
2. SYSTEM DESIGN TO BE IN ACCORDANCE WITH WRITTEN SPECIFICATIONS. ALL HYDRAULIC CALCULATIONS SHALL BE SUBMITTED TO ENGINEER FOR REVIEW AND APPROVAL.
3. ALL PIPING SHALL BE INSTALLED IN SUCH A MANNER AS TO AVOID PLUMBING AND HVAC INSTALLATIONS. FAILURE TO COORDINATE WORK WILL RESULT IN REWORK AT CONTRACTOR'S EXPENSE. MAINTAIN MINIMUM STAIR WELL EGRESS CLEARANCE.
4. INSTALL ALL ABOVE CEILING PIPING BELOW DUCT.
5. NSTALL ALL EXPOSED PIPING AS HIGH AS POSSIBLE.
6. ROUTE ALL EXPOSED PIPING IN CHASES WHERE POSSIBLE.
7. COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, HVAC AND ELECTRICAL TRADES, PLUMBING. PIPE ROUTING SHOWN IS DIAGRAMMATIC. PROVIDE ALL OFFSETS, ETC., TO AVOID INTERFERENCES WITH EQUIPMENT, PIPING, DUCTWORK, LIGHTS, CONDUIT, ETC..
8. COORDINATE ALL FLOOR PENETRATIONS WITH STRUCTURAL DRAWINGS. SET SLEEVES IN FLOORS AND WALLS AND ATTACHMENTS FOR HANGERS AS CONSTRUCTION PROGRESSES. ALL PENETRATIONS MUST BE SEALED AND HELD AS TIGHT TO COLUMNS OR WALLS AS POSSIBLE.
9. ALL PIPING SHALL BE CONCEALED INSIDE WALLS AND IN PIPE CHASES OR ABOVE CEILINGS. HOLD ALL PIPING ABOVE CEILING AS HIGH AS POSSIBLE.
10. ALL STRUCTURAL PENETRATIONS (SLEEVES, BLOCKOUTS, ETC.) ARE TO BE LOCATED AND COORDINATED IN THE FIELD BY THE CONTRACTOR IN RELATION TO THE REQUIREMENTS OF FINAL EQUIPMENT AND FIXTURES SELECTED.
11. FIELD VERIFY EXACT SIZE, MATERIAL, AND LOCATION OF ALL EXISTING UTILITIES BEFORE BEGINNING WORK.
12. ALL WET PIPING TO BE ROUTED BELOW CEILING INSULATION.
13. FIRE SPRINKLER CONTRACTOR SHALL BE LICENSED BY THE ALABAMA STATE FIRE MARSHALL'S OFFICE.

FIRE SPRINKLER LEGEND

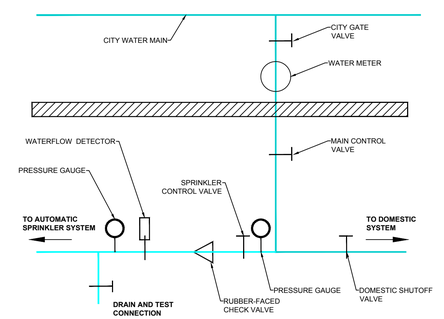
	CONNECT TO EXISTING PIPING FIELD VERIFY LOCATION OF ALL EXISTING PIPING.
—— F ——	EXISTING FIRE PROTECTION PIPING FIELD VERIFY EXACT LOCATION.
—— FP ——	NEW FIRE PROTECTION PIPING
FDV	FIRE DEPARTMENT VALVE
	CONTROL VALVE
	SPRINKLER ZONE DIVISION

FIRE SPRINKLER ZONE LEGEND

ZONE NO.	AREA DISCRIPTION	SYSTEM TYPE	ZONE COVERAGE (SQFT)	ZONE HATCH PATTERN
1	RESIDENTIAL LIVING AREA, KITCHEN, BEDROOMS, CLOSETS, BATHROOMS, HALLWAYS, ETC.	WET PIPE	1921	

FIRE SPRINKLER DRAWING INDEX

SHEET NO.	SHEET TITLE
BI.B/SP1.1	FIRE SPRINKLER PLUMBING PLAN



TYPICAL RESIDENTIAL FIRE SPRINKLER DETAIL

NOT TO SCALE

WHORTON ENGINEERING, INC.

HVAC – PLUMBING – PROCESS CONTROL

Randall Whorton

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FIRE SPRINKLER PLUMBING PLAN

Sheet Number

BI.B/SP1.1

HVAC LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CEILING DIFFUSER – SUPPLY RECTANGULAR WITH ROUND NECK 4–WAY THROW UNLESS OTHERWISE INDICATED		MANUAL VOLUME DAMPER OPPOSED BLADE		STANDARD 90° RADIUS ELBOW
	CEILING DIFFUSER – RETURN RECTANGULAR WITH SQUARE NECK	M	LOW LEAKAGE MOTORIZED VOLUME DAMPER		STANDARD 45° RADIUS ELBOW
	SIDEWALL DIFFUSER – SUPPLY WITH MULTI–VANE DEFLECTOR	T	THERMOSTAT LOCATION		90° VANED ELBOW (PROVIDE ALL SQUARE OR RECTANGULAR ELBOWS WITH VANES EVEN IF SYMBOL IS MISSING)
	SIDEWALL DIFFUSER – RETURN WITH 30° FIXED DEFLECTION	H	HUMIDISTAT LOCATION		45° VANED ELBOW (PROVIDE ALL SQUARE OR RECTANGULAR ELBOWS WITH VANES EVEN IF SYMBOL IS MISSING)
XX–X XXX CFM	DIFFUSER TAG REFERENCE SCHEDULE FOR SIZING	M	CARBON MONOXIDE SENSOR LOCATION		VANED TEE (PROVIDE ALL SQUARE OR RECTANGULAR TEE'S WITH VANES EVEN IF SYMBOL IS MISSING)
	CEILING EXHAUST FAN	C	CARBON DIOXIDE SENSOR LOCATION		STANDARD DUCT SIZE TRANSITION
12"X12"	NEW RECTANGULAR DUCT WIDTH X DEPTH	CD	HVAC CONDENSATE DRAIN PIPING		STANDARD SQUARE TO ROUND TRANSITION
10"ø	NEW ROUND DUCT DIAMETER	R	HVAC REFRIGERANT LINE		ELECTRIC UNIT HEATER WALL MOUNTED (RECESSED)

HVAC NOTES

1. ALL DUCT DIMENSIONS SHOWN ARE NET INTERNAL.
2. INSTALL OPPOSED BLADE BALANCING DAMPERS IN ALL NEW DIFFUSERS AND GRILLES.
3. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. IT IS INTENDED THAT A COMPLETE HVAC SYSTEM BE PROVIDED WITH ALL NECESSARY EQUIPMENT, APPURTENANCES, AND CONTROLS, COMPLETELY COORDINATED WITH ALL DISCIPLINES. ALL REQUIREMENTS OF THESE DOCUMENTS SHALL BE STRICTLY CONFORMED WITH. ANY ITEMS AND LABOR REQUIRED FOR A COMPLETE HVAC SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS, AND THESE CONTRACT DOCUMENTS SHALL BE FURNISHED WITHOUT INCURRING ANY ADDITIONAL COST TO THE CONTRACT. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS AND THE DESIGN OF OTHER TRADES BEFORE PREPARING SHOP DRAWINGS.
4. COORDINATE DUCTWORK AND PIPING WITH STRUCTURAL, PLUMBING, FIRE PROTECTION AND ELECTRICAL. MAKE OFFSETS AND TRANSITIONS AS REQUIRED TO CLEAR STRUCTURAL MEMBERS, ETC. COORDINATE WITH OTHER TRADES WITHOUT ADDITIONAL EXPENSE TO THE OWNER.
5. REFER TO ARCHITECTURAL CEILING PLANS FOR EXACT LOCATION OF ALL CEILING MOUNTED AIR DISTRIBUTION DEVICES; COORDINATE EXACT LOCATION OF GRILLES, REGISTERS, AND DIFFUSERS WITH ARCHITECTURAL AND INTERIOR REFLECTED CEILING PLANS AND LIGHTING FIXTURES. FOR PARTICULAR ITEMS NOT SHOWN ON THE ARCHITECTURAL REFLECTED CEILING PLAN, PREPARE A DRAWING AND PRESENT IT TO THE ARCHITECT FOR REVIEW AND/OR APPROVAL.
6. COORDINATE ALL ROOF AND SLAB PENETRATIONS WITH THE STRUCTURAL ENGINEER. TRANSITIONS RECTANGULAR DUCTWORK ON THE BOTTOM AND THE SIDES. MAINTAIN DUCTWORK LEVEL AS HIGH AS POSSIBLE UNLESS NOTED OTHERWISE.
7. THE HVAC CONTRACTOR IS TO REVIEW THE ENTIRE SET OF PLANS FOR COORDINATION WITH OTHER TRADES. SHOP DRAWINGS WITH ALL TRADES COORDINATED WILL BE REQUIRED.
8. CONTRACTOR SHALL COORDINATE VOLTAGE AND PHASE OF EACH PIECE OF EQUIPMENT WITH THE ELECTRICAL CONTRACTOR PRIOR TO ORDERING.
9. ALL MOTOR STARTERS SHALL BE FURNISHED BY THE MECHANICAL CONTRACTOR.
10. CONTRACTOR TO COORDINATE ALL CEILING TYPES WITH DIFFUSERS. ALL DIFFUSERS IN GYPSUM CEILING SHALL INCLUDE PLASTER FRAME.
11. ALL DISTRIBUTION DEVICES SHALL HAVE FACE OPERABLE DAMPERS. ALL DIFFUSER RUNOUTS SHALL INCLUDE SPIN–IN WITH DAMPER IN ROUND DUCTS.
12. INSULATE TOP SIDE/BACK OF ALL DIFFUSERS/GRILLES, ETC.
13. CONDENSATE DRAIN PIPING SHALL BE SLOPED A MINIMUM OF 1/8" PER FOOT AND SHALL BE SIZED PER TABLE 307.2.2 IN THE 2021 INTERNATIONAL MECHANICAL CODE UNLESS SHOWN LARGER ON PLANS.
14. ALL 3/4" AND 1" CONDENSATE DRAIN TRAPS SHALL BE EZ–TRAP OR APPROVED EQUAL WITH FLOAT SWITCH.
15. REFERENCE PLUMBING PLANS FOR CONDENSATE PIPING. IF CONDENSATE DRAINS ARE NOT SHOWN ON THE PLUMBING PLANS, ALL CONDENSATE DRAINS SHALL BE FURNISHED AND INSTALLED BY THE HVAC CONTRACTOR.
16. VERIFY WITH THE ARCHITECTURAL DRAWINGS, SIZE, LOCATION, AND MOUNTING HEIGHT OF ALL LOUVERS. VERIFY COLOR AND FINISH WITH OWNER.
17. ALL UNUSED PORTION OF LOUVERS SHALL BE CAPPED OFF WITH 1" INSULATED ALUMINUM AND SEALED AIR/WATER TIGHT.
18. ALL THERMOSTATS TO BE AUTOMATIC CHANGE OVER TYPE.
19. ALL THERMOSTATS TO BE MOUNTED 4'–0" A.F.F. TO HIGHEST OPERABLE CONTROL UNLESS OTHERWISE INDICATED.
20. ALL REFRIGERANT LINES SHALL BE SIZED/APPROVED BY THE EQUIPMENT VENDOR/COMPRESSOR MANUFACTURER. ALL REFRIGERANT LINES SHALL BE INSTALLED USING INSULATED LINE CLAMPS.
21. PAINT ALL EXTERIOR EXPOSED ARMAFLEX INSULATION FOR UV PROTECTION.
22. PORTIONS OF DUCTWORK VISIBLE THROUGH GRILLES, REGISTERS, AND DIFFUSERS IN FINISHED AREAS SHALL BE PAINTED FLAT BLACK.
23. FLEXIBLE DUCT (SUPPLY RUNOUTS ONLY) SHALL NOT EXCEED 6'–0" IN LENGTH.
24. DUCTWORK SHALL BE INSULATED IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:
    RECTANGULAR SUPPLY: 1" INTERNAL
    ROUND SUPPLY: 1–1/2" EXTERNAL
    FLEXIBLE SUPPLY: 1" PRE INSULATED
    RECTANGULAR RETURN: 1" INTERNAL
    OSA/EXHAUST: 1–1/2" EXTERNAL
25. DUCTWORK SHALL BE GALVANIZED AND INSTALLED IN ACCORDANCE WITH SMACNA STANDARDS.
26. ROUND DUCT SHALL BE INSULATED WITH DUCT WRAP EQUAL TO CERTAINTEED SOFT TOUCH DUCT WRAP WITH FSK VAPOR RETARDER FACING TYPE 75 WITH MINIMUM INSTALLED R–VALUE 4.2. ROUND DUCTS LOCATED WITHIN THE ATTIC SHALL BE INSULATED WITH DUCT WRAP EQUAL TO CERTAINTEED SOFT TOUCH DUCT WRAP WITH FSK VAPOR RETARDER FACING TYPE 100 WITH MINIMUM INSTALLED R–VALUE 6.0
27. ALL OPEN ENDED DUCT SHALL BE CAPPED WITH 1/2"X1/2" WIRE MESH.
28. ALL EXPOSED DUCT SHALL BE INSULATED INTERNALLY WITH 1" DUCT LINER EQUAL TO CERTAINTEED TG2 DUCT LINER WITH MINIMUM INSTALLED R–VALUE 4.0.
29. ALL EXPOSED DUCT SHALL BE PAINTED. DUCT SHALL BE "PAINT GRIP". COORDINATE PAINT COLOR WITH OWNER.
30. DUCT LINER FOR RECTANGULAR DUCTS SHALL BE EQUAL TO CERTAINTEED TG2 DUCT LINER WITH A MINIMUM R–VALUE OF 4.0. RECTANGULAR DUCTS LOCATED WITHIN THE ATTIC SHALL BE LINED WITH DUCT LINER EQUAL TO CERTAINTEED TG2 DUCT LINER WITH A MINIMUM R–VALUE OF 4.0 AND WRAPPED EXTERNALLY WITH DUCT WRAP EQUAL TO CERTAINTEED SOFT TOUCH DUCT WRAP WITH FSK VAPOR RETARDER FACING TYPE 75 WITH A MINIMUM INSTALLED R–VALUE OF 4.2.
31. WARRANTIES SHALL BEGIN AT FINAL ACCEPTANCE. ALL COMPRESSORS SHALL INCLUDE MIN. OF FIVE YEAR WARRANTY. ONE YEAR WARRANTY FOR LABOR, PARTS, UNITS, ETC. IS REQUIRED FOR ALL EQUIPMENT. ADDITIONALLY CONTRACTOR IS RESPONSIBLE FOR ALL PREVENTATIVE MAINTENANCE AND ROUTINE SERVICE ON INSTALLED EQUIPMENT FOR THE ONE YEAR WARRANTY PERIOD IN ORDER TO MAINTAIN ALL FACTORY/MANUFACTURER WARRANTIES.
32. CONTRACTOR SHALL ANCHOR OUTDOOR UNITS TO CONCRETE PAD IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION, WIND LOAD REQUIREMENTS, AND AS PER PLANS/SPECIFICATIONS. COORDINATE CONCRETE PAD SIZE, UNIT CLEARANCES, ETC. WITH STRUCTURAL AND ARCHITECTURAL PLANS, FRAMING, ETC.
33. THE CONTRACTOR SHALL INSTALL ANY CURB–MOUNTED EQUIPMENT IN SUCH A WAY THAT NO WATER LEAKAGE IS INTRODUCED INTO THE BUILDING.
34. ALL INDOOR AND OUTDOOR UNITS SHALL BE LOCATED SO THAT MAINTENANCE CLEARANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION AND AS PER PLANS/SPECIFICATIONS ARE MAINTAINED. COORDINATE MAINTENANCE CLEARANCES WITH STRUCTURAL AND ARCHITECTURAL PLANS, FRAMING, ETC.
35. ALL COLOR/FINISH SELECTIONS SHALL BE MADE BY OWNER.

DEHUMIDIFIER EQUIPMENT SCHEDULE

MARK NO.	NOMINAL FAN CFM	REFRIGERANT	WATER REMOVAL 80°F 60% RH	OPERATING RANGE	ELECTRICAL POWER SUPPLY	ELECTRICAL AMPS	MODEL NO. DATA MANUFACTURER (OR APPROVED) EQUAL)	MODEL NO. DATA UNIT MODEL NO.	WEIGHT (LBS.)	NOTES
DH 1	150	R–410A	70 PINTS/DAY	49°–95°F	115–1–60	5.1	THERMA–STOR	SANTA–FE COMPACT 70	55	SEE BELOW

1. UNIT TO INCLUDE FACTORY CONDENSATE PUMP KIT.
2. UNIT TO INCLUDE FACTORY MERV–13 FILTER.
3. UNIT TO BE CONTROLLED BY FACTORY UNIT MOUNTED DEHUMIDISTAT.
4. UNIT DIMENSIONS: 12" WIDTH X 12" HEIGHT X 21" DEPTH.

EXHAUST FAN SCHEDULE

MARK NO.	MOUNTING	CFM	STATIC IN W.G.	SONES	WATTS	VOLTAGE	MANUFACTURER (OR APPROVED EQUAL)	MODEL NO.	WEIGHT (LBS.)	NOTES
EF 1	CEILING	50	0.25	1.1	40	115–1–60	LOREN COOK	GC–142	15	SEE BELOW
EF 2	CEILING	50	0.25	1.1	40	115–1–60	LOREN COOK	GC–142	15	SEE BELOW
EF 3	CEILING	50	0.25	1.1	40	115–1–60	LOREN COOK	GC–142	15	SEE BELOW

1. FAN TO INCLUDE FACTORY MOUNTED/PRE–WIRED FAN SPEED CONTROL.
2. FAN TO BE SWITCHED WITH WALL SWITCH.
3. FAN TO INCLUDE CEILING RADIATION DAMPER.

APPROVED EQUALS: BREIDERT, GREENHECK, AND PENN.

WALL MOUNTED ELECTRIC HEATER SCHEDULE

MARK NO.	NOMINAL CFM	VOLTAGE	WATTS	BTU/HR	AMPS	MANUFACTURER (OR APPROVED EQUAL)	UNIT MODEL NO.	UNIT WEIGHT (LBS)	NOTES
WEH 1	100	240–1–60	1,500	5,120	6.3	BERKO	FRC4027F	25	SEE BELOW

1. UNIT TO INCLUDE BUILT–IN TAMPER–PROOF THERMOSTAT.
2. UNIT TO INCLUDE FACTORY DISCONNECT SWITCH – MOUNTED BEHIND FRONT GRID PANEL.
3. UNIT TO INCLUDE THERMAL CUTOUT.
4. UNIT TO INCLUDE SEMI–RECESSED MOUNTING FRAME.
5. UNIT TO BE MOUNTED AT 16" AFF.

APPROVED EQUALS: INDEECO, MARKEL, QMARK, AND RAYWALL

CODES AND STANDARDS

- **2021 INTERNATIONAL RESIDENTIAL CODE**

HVAC DRAWING INDEX

SHEET NO.	SHEET TITLE
BI.B/M1.1	HVAC LEGEND, NOTES, AND SCHEDULES
BI.B/M1.2	HVAC SCHEDULES AND DETAILS
BI.B/M2.1	HVAC DETAILS
BI.B/M3.1	HVAC PLAN

HVAC LEGEND, NOTES, AND SCHEDULES

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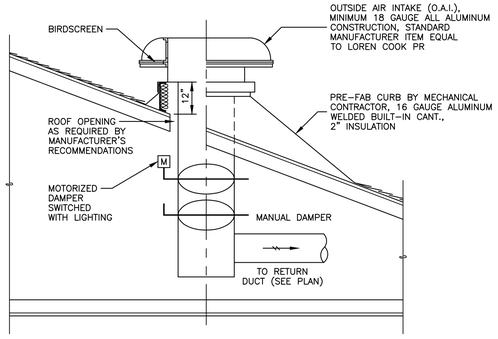
HVAC LEGEND, NOTES, AND SCHEDULES

Sheet Number

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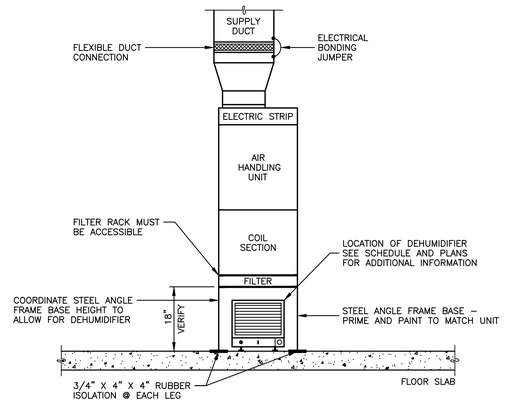
NOTE: SEE AIR DEVICE SCHEDULE FOR OUTSIDE AIR INTAKE VENT SIZE, CFM, ETC. SEE PLAN FOR LOCATION AND DESIGNATION.

COORDINATE ALL ROOF CURBS WITH THE ROOFING CONTRACTOR. PRIME AND PAINT ROOF CURB AND INTAKE VENT TO MATCH ROOF.



TYPICAL INTAKE VENT DETAIL

NOT TO SCALE

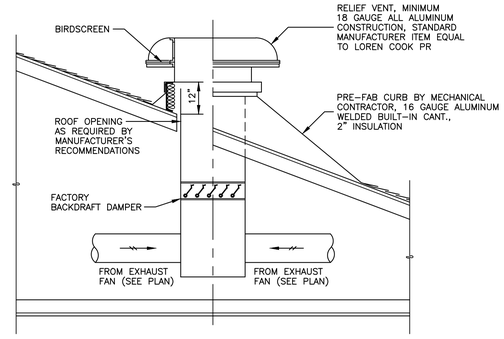


TYPICAL SECTION AT INDOOR UNIT

NOT TO SCALE

NOTE: SEE AIR DEVICE SCHEDULE FOR EXHAUST AIR RELIEF VENT SIZE, CFM, ETC. SEE PLAN FOR LOCATION AND DESIGNATION.

COORDINATE ALL ROOF CURBS WITH THE ROOFING CONTRACTOR. PRIME AND PAINT ROOF CURB AND RELIEF VENT TO MATCH ROOF.



TYPICAL RELIEF VENT DETAIL

NOT TO SCALE

HEAT PUMP EQUIPMENT SCHEDULE

MARK NO.	NOMINAL FAN CFM	MINIMUM OSA CFM	EXT. STATIC (IN. W.G.)	COOLING CAPACITY: TOTAL CAP. MBH	SENS. CAP. MBH	COND. E.A.T.	EVAP. E.W.B. TEMP	MIN. SEER	HEATING CAPACITY: LOW TEMP 17° E.A.T. MBH	HIGH TEMP 47° E.A.T. MBH	MIN. HSPF	MODEL NO. DATA: MANUFACTURER (OR APPROVED EQUAL)	INDOOR UNIT MODEL NO.	OUTDOOR UNIT MODEL NO.	APPROXIMATE REFRIG. PIPING SIZE: VAPOR (IN. O.D.)	LIQUID (IN. O.D.)	NOTES
HP 1	1,600	150	0.8"	46.8	36.3	95	80/67	22.0	42.5	46.0	11.0	CARRIER	FE4ANB006	25VNA448	1-1/8	3/8	SEE BELOW

1. UNIT TO INCLUDE A 7-DAY PROGRAMMABLE AUTOMATIC CHANGEOVER ELECTRONIC SETBACK THERMOSTAT/HUMIDISTAT WITH SUB-BASE AND LOCKING COVER.
2. UNIT TO INCLUDE OUTDOOR THERMOSTAT.
3. UNIT TO INCLUDE CONDENSER HAIL GUARD.
4. VERTICAL UNIT TO BE MOUNTED ON A STEEL ANGLE PLENUM. PRIME AND PAINT STEEL TO MATCH UNIT. VERIFY PLENUM HEIGHT WITH EQUIPMENT SUPPLIER.
5. REFRIGERANT R-410A.
6. UNIT TO INCLUDE BIOCLIMATIC (OR APPROVED EQUAL) BI-POLAR IONIZATION UNIT (NEEDLEPOINT) MOUNTED IN UNIT RETURN DUCT PER MANUFACTURER'S RECOMMENDATION. IONIZATION UNIT SHALL BE POWERED FROM ASSOCIATED HEAT PUMP.
7. ALL INDOOR UNITS TO INCLUDE 2" MERV 13 PLEATED FILTER AND FILTER RACK ON UNIT RETURN.
8. UNIT TO INCLUDE UV-C PROTECTION. EQUIPMENT SHALL BE FRESH-AIRE UV AIRBORNE DUCT SYSTEM MODEL TUV-C-ADS (OR APPROVED EQUAL).
9. VERIFY FINAL REFRIGERANT PIPING SIZE AND LENGTH WITH MANUFACTURER.
10. UNIT SHALL BE ASHRAE 90.1-2013 COMPLIANT.

APPROVED EQUALS: AMERICAN STANDARD, BRYANT, LENNOX, RHEEM, AND TRANE

HEAT PUMP EQUIPMENT ELECTRICAL DATA

MARK NO.	OUTDOOR UNIT: VOLTAGE	COMPRESSOR R.L.A. (EACH)	OUTDOOR FAN F.L.A. (EACH)	MINIMUM CIRCUIT AMPS (MCA)	MAXIMUM OVERCURRENT PROTECTION	WEIGHT (LBS.)	INDOOR UNIT: VOLTAGE	INDOOR FAN H.P.	ELECTRIC STRIP HEAT K.W.	MINIMUM CIRCUIT AMPS (MCA)	MAXIMUM OVERCURRENT PROTECTION	WEIGHT (LBS.)	SINGLE POINT CONNECTION
HP 1	230-1-60	21.2	0.88	27.4	40	400	230-1-60	3/4	10	58.5	60	210	YES

INTAKE VENT SCHEDULE

MARK NO.	CFM	THROAT AREA S.F.	P.D.	MATERIAL	MANUFACTURER (OR APPROVED EQUAL)	MODEL NO.	NOTES
IV 1	150	0.394	0.05	SPUN ALUMINUM	LOREN COOK	PR-8	SEE BELOW

1. INTAKE VENT TO INCLUDE FACTORY ROOF CURB. COORDINATE ALL ROOF CURBS WITH THE ROOFING CONTRACTOR. PRIME AND PAINT ROOF CURB AND INTAKE VENT TO MATCH ROOF.
2. INTAKE VENT TO INCLUDE FACTORY MOTORIZED DAMPER, MANUAL DAMPER, AND BIRDSCREEN.

APPROVED EQUALS: CARNES, GREENHECK, AND PENN

RELIEF VENT SCHEDULE

MARK NO.	CFM	THROAT AREA S.F.	P.D.	MATERIAL	MANUFACTURER (OR APPROVED EQUAL)	MODEL NO.	NOTES
RV 1	100	0.394	0.05	SPUN ALUMINUM	LOREN COOK	PR-8	SEE BELOW
RV 2	50	0.394	0.05	SPUN ALUMINUM	LOREN COOK	PR-8	SEE BELOW

1. RELIEF VENT TO INCLUDE FACTORY ROOF CURB. COORDINATE ALL ROOF CURBS WITH THE ROOFING CONTRACTOR. PRIME AND PAINT ROOF CURB AND RELIEF VENT TO MATCH ROOF.
2. RELIEF VENT TO INCLUDE FACTORY BACKDRAFT DAMPER AND BIRDSCREEN.

APPROVED EQUALS: CARNES, GREENHECK, AND PENN

HVAC SCHEDULES AND DETAILS

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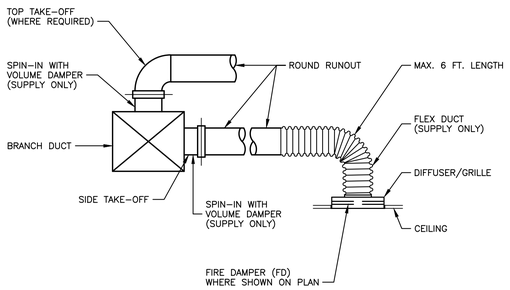
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HVAC SCHEDULES AND DETAILS

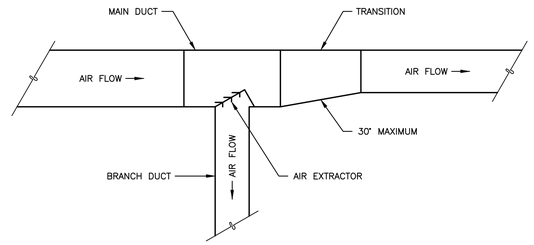
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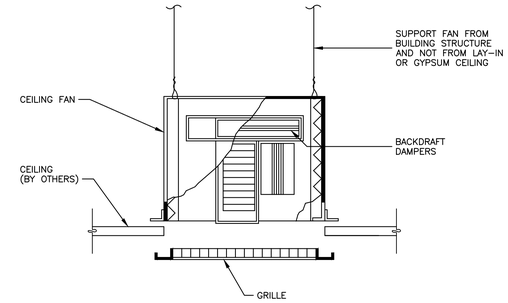
DIFFUSER / GRILLE RUNOUT DETAIL

NOT TO SCALE



TYPICAL DUCT TAKE OFF DETAIL

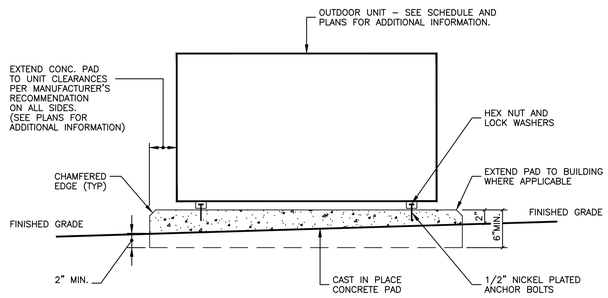
NOT TO SCALE



TYPICAL CEILING EXHAUST FAN DETAIL

NOT TO SCALE

CONTRACTOR SHALL ANCHOR OUTDOOR UNITS TO CONCRETE PAD IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION, WIND LOAD REQUIREMENTS, AND AS PER PLANS/SPECIFICATIONS. COORDINATE CONCRETE PAD SIZE, UNIT CLEARANCES, ETC. WITH STRUCTURAL AND ARCHITECTURAL PLANS, FRAMING, ETC.

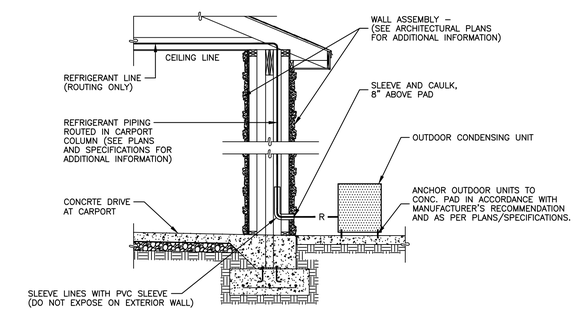


TYPICAL OUTDOOR UNIT SUPPORT PAD

NOT TO SCALE

ALL PIPING SHALL BE SPACED ADEQUATELY APART (HOT GAS REHEAT, SUCTION, LIQUID, ETC.) TO ENSURE THAT INSULATION AND JACKETING CAN BE INSTALLED WITH GOOD WORKMANSHIP.

ALL REFRIGERANT LINES SHALL BE SIZED/APPROVED BY THE EQUIPMENT VENDOR/COMPRESSOR MANUFACTURER. ALL REFRIGERANT LINES SHALL BE INSTALLED USING INSULATED LINE CLAMPS.

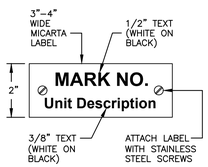


REFRIGERANT LINE ROUTING DETAIL

NOT TO SCALE

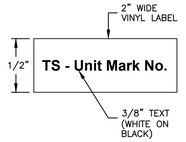
① MARK NO. – LABEL MARK NO. TO MATCH PLANS (EF–1, HP–1, WHP–1, ETC.)

② UNIT DESCRIPTION – EXHAUST FAN, SPLIT SYSTEM, HEAT PUMP, WATER SOURCE HEAT PUMP, ETC.



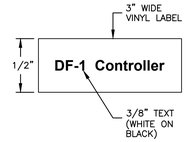
TYPICAL HVAC EQUIPMENT LABEL DETAIL

① UNIT MARK NO. – LABEL WITH MARK NO. TO MATCH PLANS (TS–HP–1, TS–WHP–1, ETC.)



TYPICAL TEMP. SENSOR / THERMOSTAT LABEL DETAIL

NOTE: ALL LABELS SHALL BE RIGID PLASTIC. LABEL ALL DEVICES, DUCTWORK, PIPING, VALVES, SENSORS, ACTUATORS, ETC.



TYPICAL FAN CONTROLLER LABEL DETAIL

HVAC EQUIPMENT LABELING DETAILS

NOT TO SCALE

HVAC DETAILS

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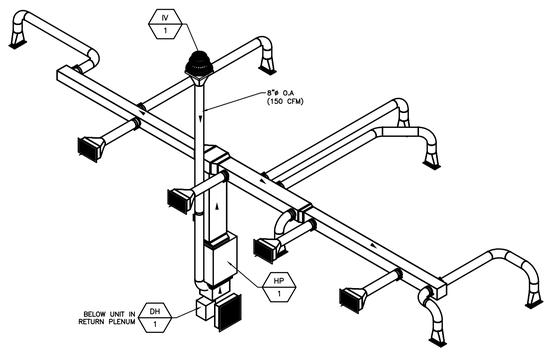
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HVAC
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Sheet Number

BI.B/M2.1

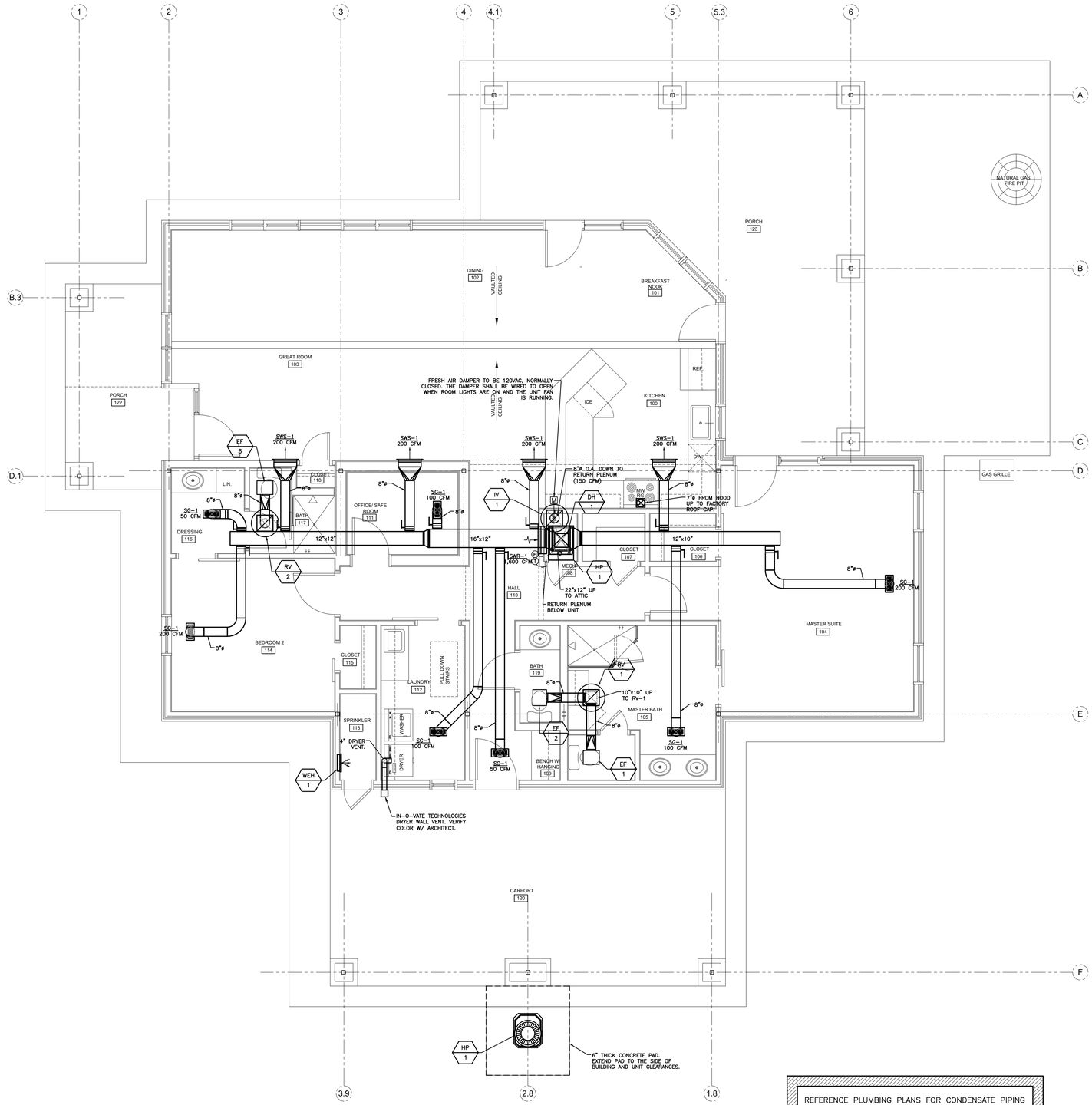


DUCT SCHEMATIC FOR HP-1

DIFFUSER SCHEDULE

TAG	Size	Neck Size	Quantity	Manufacturer	Model Number	Type	Notes
SG-1	12"X6"	12X6	7	TITUS	272RL	SUPPLY	
SWR-1	24"X24"	24X24	1	TITUS	33RL	RETURN	20"X20"X1" FILTER
SWS-1	30"X8"	30X8	4	TITUS	272RL	SUPPLY	
			12				

NOTE: FURNISH AND INSTALL AN INSULATION BLANKET ON THE BACK OF ALL CEILING MOUNTED DIFFUSERS AND GRILLES.



HVAC PLAN

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

0' 5' 10' 20'

SCALE

REFERENCE PLUMBING PLANS FOR CONDENSATE PIPING

WHORTON ENGINEERING, INC.

HVAC – PLUMBING – PROCESS CONTROL

Randall Whorton

DATE 08-31-2023

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CONSTRUCTION DOCUMENTS

Project Number: 23-1299
Date: 31 AUGUST 2023
Revisions:

Sheet Description

HVAC PLAN

Sheet Number

BI.B/M3.1

ELECTRICAL SYMBOLS

	CEILING OUTLET – SURFACE OR PENDANT LED FIXTURE.
	CEILING OUTLET – SURFACE OR PENDANT LED FIXTURE.
	WALL OUTLET – LED BRACKET TYPE.
	WALL OUTLET – LED BRACKET TYPE.
	WALL OUTLET – DUPLEX OUTLET, 20A, 125V, GROUNDED, HUBBELL #5362 – GREY. ("WP" DENOTES EXTRA DUTY METAL IN–USE WEATHERPROOF COVER) (TR DENOTES TAMPER RESISTANT)
	WALL OUTLET – DOUBLE DUPLEX OUTLET, 20A, 125V, GROUNDED HUBBELL #5362 – GREY.
	WALL OUTLET – GFCI DUPLEX OUTLET, 20A, 125V, GROUNDED, WEATHERPROOF, HUBBELL #GF–5362–GY – GREY WITH #S–26 PLATE. ("WP" DENOTES EXTRA DUTY METAL IN–USE WEATHERPROOF COVER)
	WALL OUTLET – DUPLEX OUTLET, MOUNTED 6" ABOVE COUNTER.
	WALL OUTLET – GFCI DUPLEX OUTLET, MOUNTED 6" ABOVE COUNTER.
	WALL OUTLET – SINGLE OUTLET, 30A, 250V, 3W, VERIFY NEMA CONFIGURATION WITH ACTUAL EQUIPMENT.
	WALL OUTLET – SINGLE OUTLET, 50A, 125V/250V, 4W, VERIFY NEMA CONFIGURATION WITH ACTUAL EQUIPMENT.
P	FLOOR OUTLET – DUPLEX POWER OUTLET. WIREMOLD #881 WITH #895 SINGLE SERVICE BRASS COVER PLATE OR EQUAL.
	FLOOR OUTLET – COMBINATION POWER/COMMUNICATIONS OUTLET. WIREMOLD #881 WITH #897CTCBS DUAL SERVICE BRASS COVER PLATE OR EQUAL WITH ALL NECESSARY HARDWARE. VERIFY LOCATION WITH ARCHITECT.
	FLOOR OUTLET – CONDUIT STUB UP.
J	CEILING OUTLET – JUNCTION BOX.
J	WALL OUTLET – JUNCTION BOX WITH FLEXIBLE CONNECTION TO EQUIPMENT.
$	SWITCH OUTLET – AC TYPE, SINGLE POLE, 20A, 120/277V, HUBBELL #1221 – GREY.("N" DENOTES NARROW)
$3	SWITCH OUTLET – AC TYPE, THREE WAY, 20A, 120/277V, HUBBELL #1223 – GREY.
$4	SWITCH OUTLET – AC TYPE, FOUR WAY, 20A, 120/277V, HUBBELL #1224 – GREY.
	LIGHTING PANEL – SEE SPECIFICATIONS AND SCHEDULE.
	POWER PANELS – SEE SPECIFICATIONS AND SCHEDULE.
	BRANCH CIRCUIT CONCEALED IN WALL OR CEILING.
	BRANCH CIRCUIT CONCEALED IN FLOOR OR GROUND.
	HOMERUN TO PANELBOARD – ANY CIRCUIT WITHOUT FURTHER DESIGNATION 2 # 12 & 1 # 12(G) – 1/2" CONDUIT. 3 # 12 & 1 # 12(G) – 3/4" CONDUIT. 4 # 12 & 1 # 12(G) – 3/4" CONDUIT.
	EMPTY CONDUIT – 3/4".
	BRANCH CIRCUIT EXPOSED.
5	MOTOR SHOWN 5hp (TYPICAL) OR 40 AMPS (TYPICAL).
f	EXHAUST FAN MOTOR – FRACTIONAL HORSEPOWER.
	MAGNETIC MOTOR STARTER.
	NON–FUSED DISCONNECT SWITCH. (RT – RAINTIGHT).
	FUSED DISCONNECT SWITCH. (RT – RAINTIGHT).
A.F.F.	ABOVE FINISHED FLOOR.
A.F.G.	ABOVE FINISHED GRADE.
B.F.C.	BELOW FINISHED CEILING.
B.F.C.	BELOW FINISHED CEILING.
MD	INDICATES MOTORIZED DAMPER
N.E.C.	NATIONAL ELECTRICAL CODE.
T.V.B.B.	CATV BACKBOARD – 4' X 4' X 3/4" – 2 COATS OF GREY ENAMEL BOTH SIDES. (OR AS NOTED).
	DATA OUTLET – 3/4" CONDUIT TO ATTIC WITH CAT. 6 CABLES ROUTED TO OWNER–PROVIDED ROUTER AS INDICATED.
T	THERMOSTAT – WALL OUTLET 48" AFF OR AS DIRECTED BY MECHANICAL DRAWINGS. RUN EMPTY 3/4" CONDUIT TO UNIT.
H	HUMIDISTAT – WALL OUTLET 48" AFF OR AS DIRECTED BY MECHANICAL DRAWINGS. RUN EMPTY 3/4" CONDUIT TO UNIT.
TV	CATV OUTLET – 3/4" CONDUIT TO ATTIC. INSTALL RG6 CABLE, CATV FACEPLATE AND TERMINAL. TERMINATE AT EACH END. ROUTE CABLE TO TVBB. VERIFY HEIGHT.
	FIRE ALARM – 120V SINGLE STATION SMOKE/CARBON MONOXIDE DETECTOR WITH BATTERY BACK–UP. FIRST ALERT #SC9120B OR EQUAL.
AP 1D	WIRELESS ACCESS POINT. CONTRACTOR SHALL ROUTE A CAT. 6 CABLE FROM THIS LOCATION TO THE ROUTER AND TERMINATE. LEAVE LEAVE 15" OF SLACK AT AP LOCATION. OWNER WILL PROVIDE AND INSTALL THE AP DEVICE. COORDINATE THE TERMINATION TYPE AT THE AP LOCATION WITH THE OWNER.

GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL ORDINANCES. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS.
2. CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL DETAILS OF THE WORK AND ALL EXISTING FIELD CONDITIONS.
3. CONTRACTOR SHALL PROVIDE A COMPLETE ELECTRICAL INSTALLATION INCLUDING ALL WORK CUSTOMARILY INCLUDED EVEN IF NOT SPECIFICALLY CALLED OUT.
4. THE ELECTRICAL CONTRACTOR SHALL CAREFULLY COORDINATE HIS WORK WITH OTHER CONTRACTORS THROUGH THE GENERAL CONTRACTOR FOR SPACE REQUIREMENTS, ETC.
5. CONTRACTOR SHALL VERIFY ALL MECHANICAL EQUIPMENT NAMEPLATE DATA BEFORE ANY WORK IS DONE AND MAKE ANY ADJUSTMENTS IN BREAKER AND WIRE SIZE AS MAY BE REQUIRED.
6. SHOULD THE CONTRACTOR FIND DISCREPANCIES OR OMISSIONS IN THE CONTRACT DOCUMENTS OR BE IN DOUBT AS TO INTENT, HE SHALL IMMEDIATELY OBTAIN CLARIFICATION FROM THE ARCHITECT OR ENGINEER.
7. THE ELECTRICAL DRAWINGS ARE SCHEMATIC AND ARE NOT INTENDED TO SHOW THE EXACT LOCATION OF CONDUIT, OUTLETS, ETC.. THE CONTRACTOR SHALL REFER TO ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS AND SHALL FIT HIS WORK TO CONFORM WITH THE BUILDING CONSTRUCTION AND WITH THE OTHER TRADES.
8. MOUNTING HEIGHTS OF ALL WALL OUTLETS SHALL BE AS FOLLOWS UNLESS OTHERWISE INDICATED:
   - WALL SWITCHES.....4'–0" (TO CENTER OF BOX)
   - RECEPTACLES.....1'–6" (TO CENTER OF BOX)
   - TELEPHONE OUTLET.....1'–6" (TO CENTER OF BOX)
   - DATA OUTLET.....1'–6" (TO CENTER OF BOX)
   - CATV OUTLET.....1'–6" (TO CENTER OF BOX)
9. ELECTRICAL CONTRACTOR SHALL VERIFY EXACT HEIGHT OF ALL COUNTER TOPS AND BACKSPLASHES ON CASEWORK SHOP DRAWINGS AND CHANGE SPECIFIED MOUNTING HEIGHT OF WALL OUTLETS AS REQUIRED SO THAT BOTTOM OF OUTLET BOX IS 2" ABOVE TOP OF BACKSPLASH OR IF NO BACKSPLASH IS USED, 4" ABOVE COUNTERTOP.
10. ALL OUTLET BOXES MOUNTED BACK–TO–BACK IN WALLS SHALL HAVE FIREPROOF SOUND INSULATING MATERIAL INSTALLED BETWEEN THE BOXES TO PREVENT SOUND TRANSMISSION FROM ONE ROOM TO ANOTHER.
11. VERIFY ALL DOOR SWINGS WITH THE ARCHITECT BEFORE ROUGHING IN LIGHT SWITCHES.
12. CONTRACTOR SHALL CHECK ALL LIGHT FIXTURES FOR EXACT MOUNTING TYPE AND SPACE REQUIRED PRIOR TO ROUGH–IN.
13. BRANCH CIRCUITS SHALL BE #12 AWG AND 1/2" CONDUIT MINIMUM. CONDUCTORS SHALL BE 98% CONDUCTIVITY COPPER. SEE SPECIFICATIONS FOR INSULATION TYPE. MC CABLE SHALL BE USED FOR ALL CIRCUITS CONCEALED BEHIND WALLS OR CEILING.
14. ALL CONDUITS CROSSING EXPANSION JOINTS SHALL HAVE EXPANSION TYPE FITTINGS.
15. VERIFY EXACT LOCATION OF ALL MOTORS AND EQUIPMENT BEFORE ROUGHING IN.
16. SUPPORT OF ALL LIGHTING FIXTURES SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR. SEE SPECIFICATIONS FOR SUPPORTING METHODS.
17. COORDINATE SERVICES WITH POWER AND COMMUNICATION COMPANIES. REMOVE OR RELOCATE ALL POWER AND COMMUNICATIONS CIRCUITS ABOVE OR BELOW GRADE THAT WOULD OBSTRUCT CONSTRUCTION OF THE PROJECT OR CONFLICT IN ANY MANNER WITH COMPLETION OF THE PROJECT OR ANY CODE PERTAINING THERETO. IF UTILITY COMPANY REQUIREMENTS ARE AT A VARIANCE WITH THESE DRAWINGS AND SPECIFICATIONS, THE CONTRACT PRICE SHALL INCLUDE THE ADDITIONAL COST.
18. THIS CONTRACTOR SHALL INSTALL EQUIPMENT GROUNDS THROUGHOUT THIS PROJECT, USING GREEN INSULATED CONDUCTORS. USE OF CONDUIT AS THE ONLY GROUND CONDUCTOR WILL NOT BE ALLOWED. SIZE GROUND CONDUCTORS PER N.E.C..
19. ALL UTILITY FEES ASSOCIATED WITH THIS PROJECT SHALL BE INCLUDED IN BID. IF THESE FEES CANNOT BE OBTAINED FROM THE UTILITY PRIOR TO BID, THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY.
20. CONTRACTOR SHALL FIELD MARK ALL ELECTRICAL EQUIPMENT WITH ARC–FLASH WARNING LABELS PER NEC 110.16.
21. CONTRACTOR SHALL PROVIDE RECORD DRAWINGS AND MANUALS THAT PROVIDE INSTRUCTION ABOUT OPERATION AND MAINTENANCE OF THE BUILDING ELECTRICAL DISTRIBUTION SYSTEM TO THE OWNER WITHIN 30 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE.
22. CONTRACTOR SHALL COORDINATE VOLTAGE AND PHASE OF EACH PIECE OF ELECTRICAL EQUIPMENT WITH THE ELECTRICAL CONTRACTOR PRIOR TO SUBMITTING AND ORDERING EQUIPMENT.
23. VERIFY EXACT LOCATION AND EXACT MOUNTING HEIGHT OF ALL ELECTRICAL EQUIPMENT AND ELECTRICAL CONNECTIONS WITH THE ARCHITECT AND THE OWNER PRIOR TO ROUGH–IN.

LIGHTING FIXTURE SCHEDULE

MARK	MANUFACTURER	CATALOG NO.	LAMPS NO.	LAMPS WATTS	LAMPS TYPE	MOUNTING HEIGHT	TYPE MOUNTING	RECESS DEPTH	REMARKS
A14	PROGRESS LIGHTING	P7279-3030K9	FURNISHED WITH FIXTURE			CEILING	SURFACE		
D12	PROGRESS LIGHTING	P730000-030-30	FURNISHED WITH FIXTURE			CEILING	SURFACE		
D13	PROGRESS LIGHTING	P730001-030-30	FURNISHED WITH FIXTURE			CEILING	SURFACE		
F6	PROGRESS LIGHTING	P700028-028-CS	FURNISHED WITH FIXTURE			UNDERCABINET	SURFACE		
F7	PROGRESS LIGHTING	P300466-009	SEE NOTE 5(QTY. 2 LAMPS)			ABOVE MIRROR	SURFACE		
F8	PROGRESS LIGHTING	P300468-009	SEE NOTE 5(QTY. 4 LAMPS)			ABOVE MIRROR	SURFACE		
F9	PROGRESS LIGHTING	P700027-028-CS	FURNISHED WITH FIXTURE			UNDERCABINET	SURFACE		
G8	LITHONIA	WF6 ADJ- LED-30K-3000K-90CRI-MW	FURNISHED WITH FIXTURE			CEILING	RECESSED	1.7"	SEE NOTE 3
G9	PROGRESS LIGHTING	P806N-N-MD-ICAT-P806002-028	SEE NOTE 7(QTY. 1 LAMP)			CEILING	RECESSED	7-3/8"	
G10	PROGRESS LIGHTING	P550038-020	SEE NOTE 5(QTY. 2 LAMPS)			CEILING	SURFACE		
G11	PROGRESS LIGHTING	P84-LED-P8176-28-30K	FURNISHED WITH FIXTURE			CEILING	RECESSED	5-1/4"	SEE NOTE 3
G12	LITHONIA	LV3-120-3VDW1W	SEE NOTE 5(QTY. 1 LAMP)			CEILING	RECESSED	5-1/4"	SEE NOTE 3
G13	BROAN	679	FURNISHED WITH FIXTURE			CEILING	RECESSED	5-3/4"	
G14	LITHONIA	LV3-120-3VS1	SEE NOTE 5(QTY. 1 LAMP)			CEILING	RECESSED	5-1/4"	
S1	HUNTER	53071	NO LIGHT KIT			CEILING	SURFACE		
S2	HUNTER	53323	NO LIGHT KIT			CEILING	PENDANT(9' A.F.F)		
S3	HUNTER	51681 W/O LIGHT KIT	NO LIGHT KIT			CEILING	PENDANT(7'-6" A.F.F.)		
S4	HUNTER	51681 WITH LIGHT KIT	FURNISHED WITH FIXTURE			CEILING	PENDANT(7'-6" A.F.F.)		
T	PROGRESS LIGHTING	P300465-009	SEE NOTE 5(QTY. 1 LAMP)			WALL(VER. HT)	SURFACE		
V	PROGRESS LIGHTING	P5156-09	SEE NOTE 6(QTY. 4 LAMPS)			CEILING	PENDANT		SEE NOTE 4
V1	PROGRESS LIGHTING	P5038-09	SEE NOTE 6(QTY. 1 LAMPS)			CEILING	PENDANT		SEE NOTE 4
V2	PROGRESS LIGHTING	P550001-031	SEE NOTE 5(QTY. 3 LAMPS)			CEILING	PENDANT		SEE NOTE 4
Y	PROGRESS LIGHTING	P6085-3130K9	FURNISHED WITH FIXTURE			CEILING	WALL MOUNT(VER.)		

NOTES:
1. VERIFY FINISH WITH ARCHITECT.
2. EQUALS BY DAYBRITE AND COLUMBIA WILL BE ACCEPTABLE.
3. ADJUST FIXTURE AS REQUIRED TO ACHIEVE MAXIMUM FOOTCANDLES.
4. PENDANT HANG WITH AIRCRAFT CABLE AS REQUIRED.
5. CONTRACTOR SHALL PROVIDE 60W EQUIVALENT LED LAMPS FOR FIXTURE.
6. CONTRACTOR SHALL PROVIDE 100W EQUIVALENT LED LAMPS FOR FIXTURE.
7. CONTRACTOR SHALL PROVIDE 75W EQUIVALENT LED LAMPS FOR FIXTURE.

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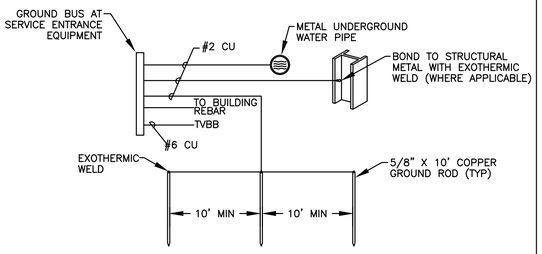
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Date: 31 AUGUST 2023
Revisions:

Sheet Description

SYMBOLS, NOTES, AND LIGHTING FIXTURE SCHEDULE

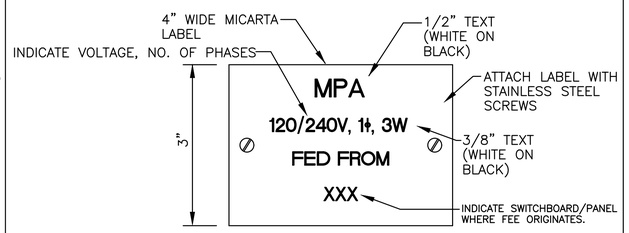
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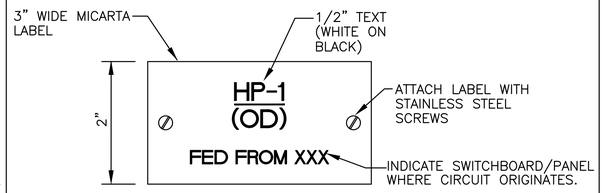
GROUNDING DETAIL

N.T.S.



PANEL LABEL DETAIL

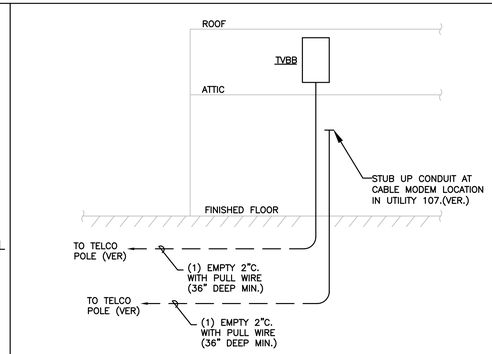
N.T.S. (TYPICAL)



EQUIPMENT LABEL DETAIL

N.T.S. (TYPICAL)

NOTES:
1. INSTALL LABEL ON ALL DISCONNECTING MEANS FOR EACH PIECE OF EQUIPMENT.



TELECOMMUNICATIONS RISER DETAIL

N.T.S.

PANELBOARD SCHEDULE

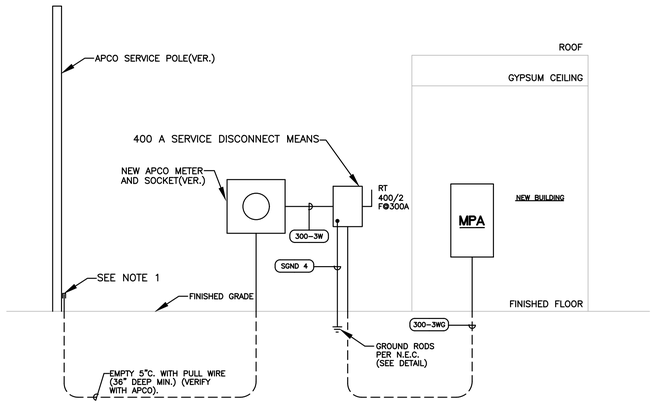
MARK	TYPE	MAINS			BRANCHES					LUG LOCATION	TYPE MOUNTING	MINIMUM AIC RATING	REMARKS
		TYPE	AMPS	SERVICE	1 POLE	2 POLE	3 POLE	SPARES	SPACES				
MPA	QO	MB	300	120/240V 1ϕ, 3W	2–15 27–20AF 1–20AG	1–15 1–30GF 1–40 1–50GF 1–60	X	6–20/1	8–1PS	BOTTOM	RECESSED	VERIFY WITH APCO	SEE NOTE 1 & 2

NOTES:
1. PANEL SHALL BE FULLY RATED.
2. PANEL SHALL BE EQUIPPED WITH BUILT–IN SURGE PROTECTION, CAPABLE OF WITHSTANDING A TRANSIENT SURGE OF 160,000 AMPS.

AF – INDICATES AFCI CIRCUIT BREAKER.
AG – INDICATES DUAL FUNCTION ARC FAULT/GROUND FAULT CIRCUIT BREAKER.
GF – INDICATES GROUND FAULT CIRCUIT BREAKER.

FEEDER/GROUND CONDUCTOR SCHEDULE

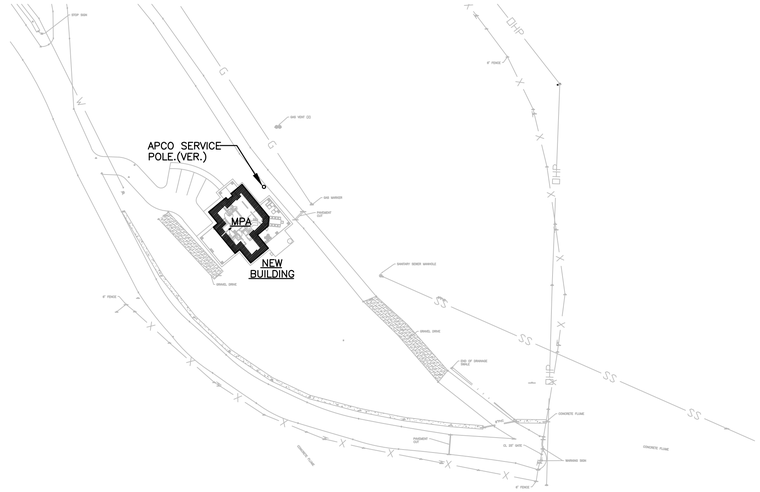
AMPS	1 ø WIRE TAG	SINGLE PHASE FEEDER/EQUIPMENT
300 W/O GND	300–3W	3 #350 MCM IN 2–1/2" C.
300 W/ GND	300–3WG	3 #350 MCM & 1 #4(G) IN 2–1/2" C.
MISCELLANEOUS TAGS		
	SGND 4	1 #2 CU IN 3/4" C.



ELECTRICAL SINGLE LINE DIAGRAM

N.T.S.

NOTES:
1. STUB UP AT BASE OF POLE FOR 120/240V, 1ø, 3W APCO UNDERGROUND SERVICE FROM FROM OVERHEAD TRANSFORMER.



ELECTRICAL SITE PLAN

SCALE: 1" = 60'–0"

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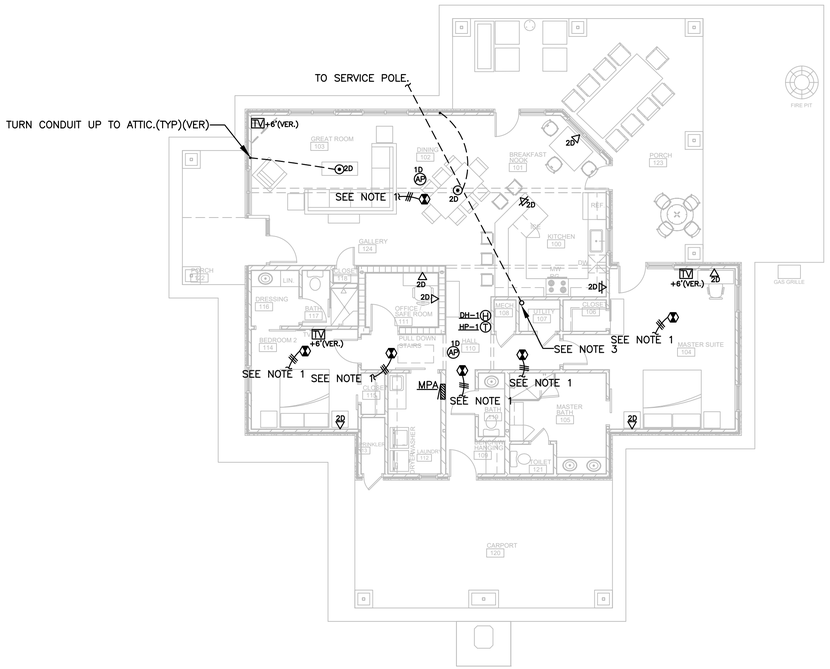
SINGLE LINE DIAGRAM, SCHEDULES, DETAILS AND SITE PLAN

Sheet Number

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AUXILIARIES PLAN

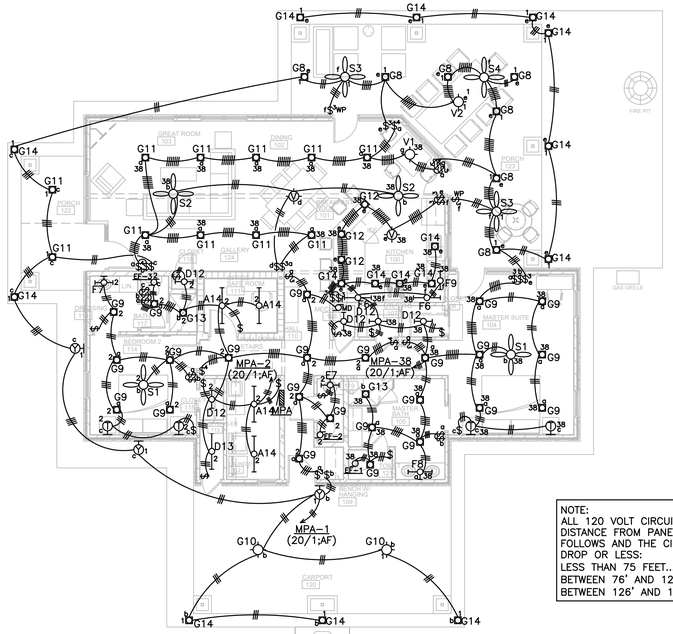
SCALE: 1/8" = 1'-0"

NOTES:
1. TIE IN TO HOT WIRE FROM LIGHT CIRCUIT.
2. CONTRACTOR SHALL INTERCONNECT THE SMOKE DETECTORS SUCH THAT IF ONE ALARMS, THEY ALL ALARM.
3. CONTRACTOR SHALL STUB UP CONDUIT FOR SPARKLIGHT INTERNET SERVICE IN UTILITY 107. VERIFY LOCATION WITH OWNER PRIOR TO ROUGH-IN. OWNER'S CABLE MODEM AND ROUTER SHALL BE INSTALLED IN THIS LOCATION. ALL DATA CABLES SHALL BE TERMINATED ONTO THE ROUTER PROVIDED BY OWNER.

MECHANICAL EQUIPMENT CIRCUIT SCHEDULE

UNIT ID	CIRCUIT NUMBER	BREAKER SIZE	WIRE SIZE	GROUND SIZE	CONDUIT SIZE	DISCONNECT TYPE
HP-1(OD)	MPA-33,34	40/2	2 #8	#10	3/4"	60/2, F, RT
HP-1(ID)	MPA-35,36	60/2	2 #4	#10	1"	60/2, NF
WH-1	MPA-30,31	15/2	2 #12	#12	1/2"	NONE
DH-1	MPA-32	15/1	2 #12	#12	1/2"	TS
GWH-1	MPA-29	15/1	2 #12	#12	1/2"	TS(WP)

NF - NONFUSED
F - FUSED (FUSE PER MANUFACTURERS RECOMMENDATIONS)
RT - RAINTIGHT
TS - TOGGLE SWITCH ("WP" INDICATES WEATHERPROOF)
DPTS- DOUBLE POLE TOGGLE SWITCH
MRS - MOTOR RATED SWITCH
S/T - SHUNT TRIP BREAKER
NOTE: MAINTAIN CODE REQUIRED CLEARANCES FOR DISCONNECTS.

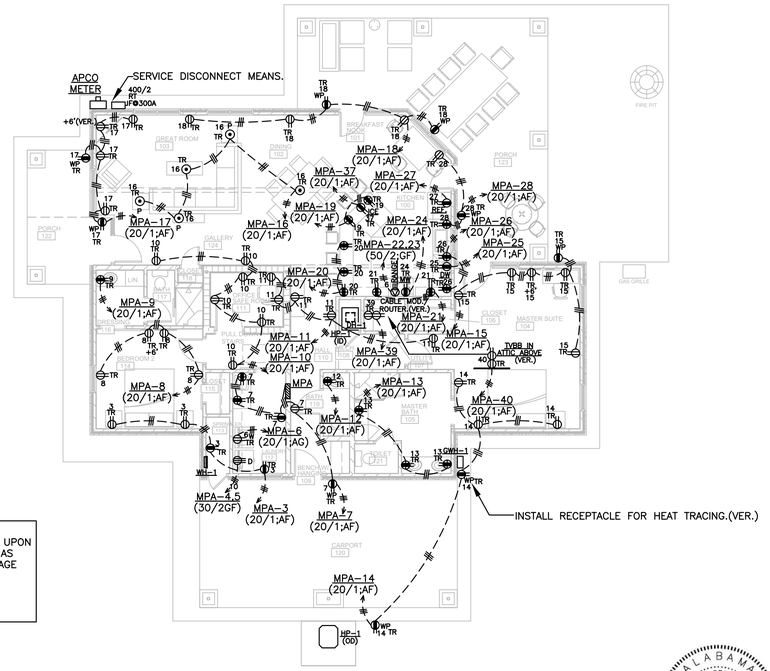


NOTE:
ALL 120 VOLT CIRCUIT WIRE SIZES SHALL BE BASED UPON DISTANCE FROM PANELBOARD FEEDING THE CIRCUITS AS FOLLOWS AND THE CIRCUITS SHALL HAVE A 3% VOLTAGE DROP OR LESS:
LESS THAN 75 FEET.....#12 AWG
BETWEEN 76' AND 125'.....#10 AWG
BETWEEN 126' AND 190'....#8 AWG

LIGHTING PLAN

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

NOTES:
1. PROVIDE AND INSTALL (3) "D13" FIXTURES IN THE ATTIC AREA. INSTALL THE FIXTURES EQUALLY SPACED IN THE ATTIC. CIRCUIT THE FIXTURES TO MPA-2 AND INSTALL A SWITCH NEAR THE ATTIC ACCESS LOCATION FOR CONTROLLING THE FIXTURES.



POWER PLAN

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

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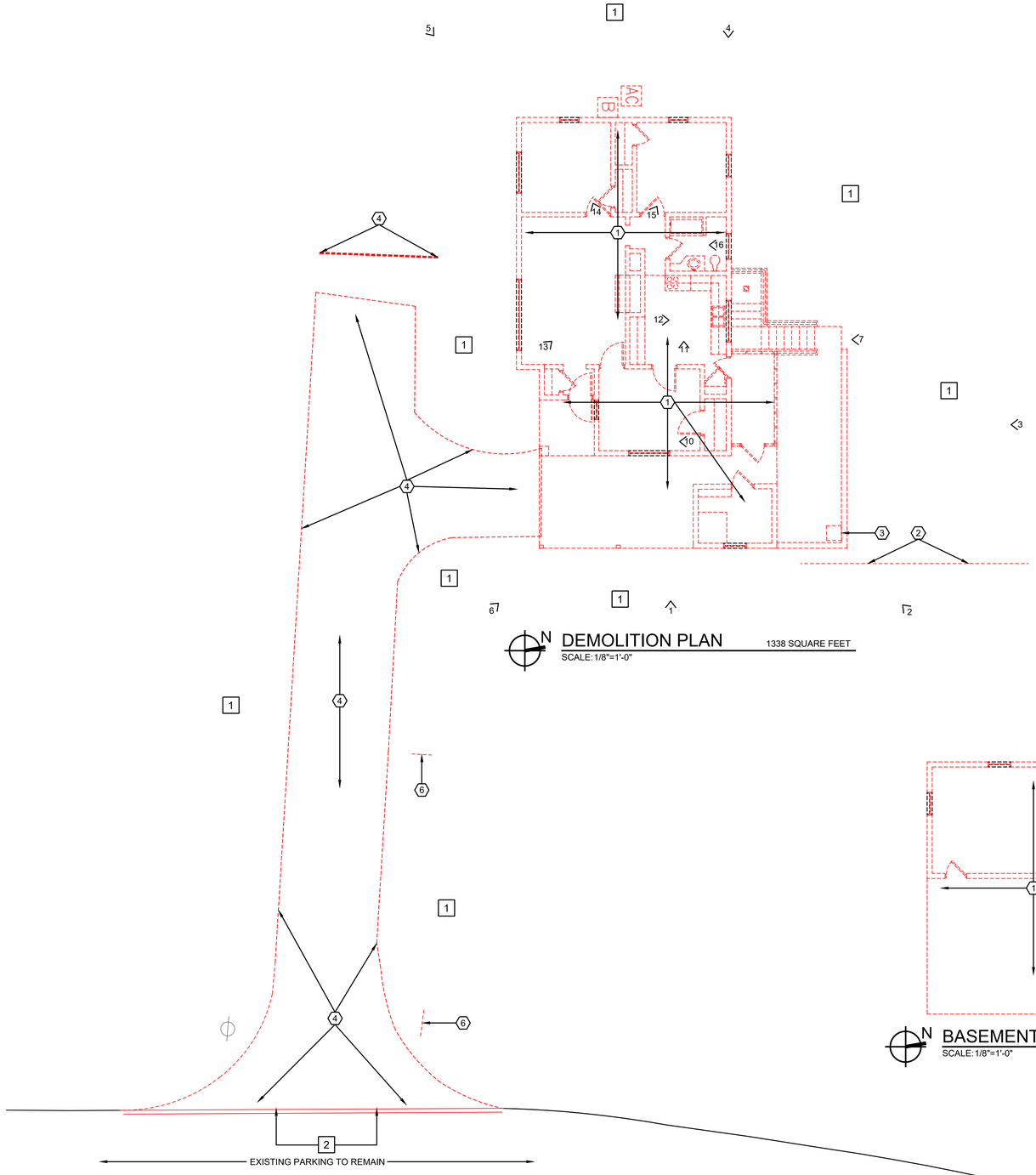
LIGHTING, POWER AND AUXILIARIES PLANS

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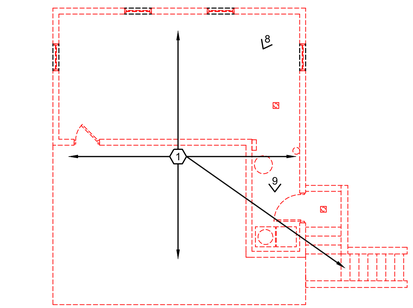
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ALABAMA REGISTERED PROFESSIONAL ENGINEER No. 22753 STANLEY J. McCARTER
08-31-23

McCARTER ENGINEERING
ELECTRICAL ENGINEERING CONSULTANTS
PHONE: (256) 240-7335
878 AVALON LANE
ANNISTON, AL 36207
M.E. JOB #2317



N DEMOLITION PLAN 1338 SQUARE FEET
SCALE: 1/8"=1'-0"



N BASEMENT DEMOLITION PLAN 517 SQUARE FEET
SCALE: 1/8"=1'-0"

RESTRICTED AREA

GENERAL DEMO NOTES

1. THE GENERAL CONTRACTOR AND ALL SUB-CONTRACTORS SHALL MAKE A DETAILED INVESTIGATION OF THE SITE PRIOR TO STARTING WORK TO ENSURE THAT THE FULL SCOPE FOR THE DEMOLITION IS DOCUMENTED. THE ELEMENTS OUTLINED AND IDENTIFIED ON THE DEMOLITION DRAWINGS (ALL DISCIPLINES) ARE GENERAL IN NATURE & ARE NOT INTENDED TO ESTABLISH OR IMPLY THE COMPLETE DEMOLITION SCOPE. ALL NECESSARY PROCEDURES, TECHNIQUES, MATERIALS AND PRODUCTS TO COMPLETE ALL DEMOLITION REQUIRED TO ACCOMMODATE ALL NEW CONSTRUCTION SHALL BE A PART OF THIS CONTRACT. ALL MECHANICAL & ELECTRICAL DEMOLITION SHALL BE INCLUDED IN THEIR RESPECTIVE SCOPE OR AS COORDINATED FOR COMPLETION BY THE CONTRACTOR IN THE GENERAL PROJECT SCOPE.
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DEMOLITION WORK NOTES

(1) EXISTING BUILDING TO BE DEMOLISHED IN ITS ENTIRETY. BUILDING CONSTRUCTION IS ON FLOOR WITH A PARTIAL BASEMENT. MAIN FLOOR IS WOOD STUD CONSTRUCTION WITH ARCHITECTURAL SHINGLES AND IS APPROXIMATELY 1,338 SQUARE FEET. BASEMENT IS CMU CONSTRUCTION AND IS APPROXIMATELY 517 SQUARE FEET. DEMOLITION WILL INCLUDE ALL EXISTING SITE APPURTENANCES, PAVING, FOUNDATION, SLABS FOUNDATION STEM WALLS, UNDERGROUND PLUMBING, ELECTRICAL AND ALL BUILDING SERVICES. COMPLETELY DEMOLISH AND REMOVE FROM SITE ALL VERTICAL CONSTRUCTION TO INCLUDE STUD AND MASONRY WALLS, DOORS, FRAMES, WINDOWS, PLUMBING, MECHANICAL AND ELECTRICAL DEVICES, PIPING, CONDUIT, ETC.. THE SITE SHALL BE LEFT COMPLETELY CLEAR WITH ALL FOUNDATION AND UTILITY EXCAVATIONS FILLED AND ROUGH GRADED SO AS TO PRECLUDE STANDING WATER. THE FILLED AREA TO RECEIVE 4" OF TOP SOIL AND APPLY SEED TO THE ENTIRE AREA OF TOP SOIL.

(2) REMOVE AND DISCARD EXISTING WOOD FENCE AND ALL ASSOCIATED FOOTINGS IN ITS ENTIRETY.

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WORK NOTES

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DEMOLITION LEGEND

(1) DENOTES DEMOLITION WORK SCHEDULE NOTE KEY

PHOTO KEY

JMR+H
Architecture, PC
445 Dexter Avenue
Suite 5050
Montgomery, Al 36104

Phone: (334) 420-5672
Fax: (334) 420-5692

STATE OF ALABAMA
J.MICHAEL RUTLAND 2149
TIMOTHY R. HOLMES 3188
REGISTERED ARCHITECT

PELHAM RENAMING EFFORT
FT. MCCLELLAN, AL

CONSTRUCTION DOCUMENTS

Project Number: 23-1299
Date: 31 AUGUST 2023
Revisions:

Sheet Description

DEMOLITION PLAN

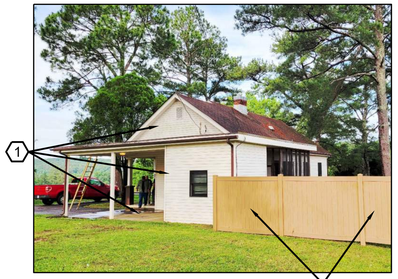
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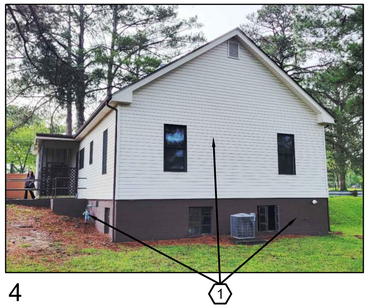
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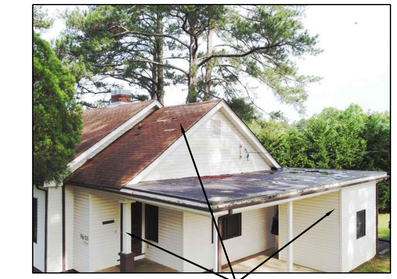
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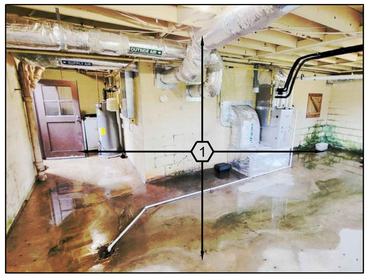
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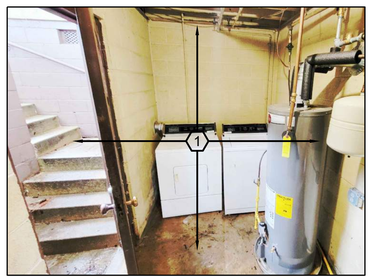
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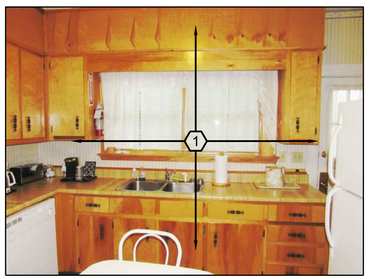
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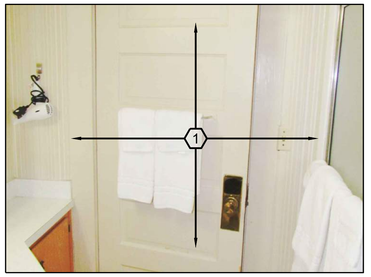
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Architecture, PC
445 Dexter Avenue
Suite 5050
Montgomery, Al 36104

Phone: (334) 420-5672
Fax: (334) 420-5692

STATE OF ALABAMA
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Sheet Description

DEMOLITION PHOTOS

Sheet Number

BI.C/D2.1

PRINTED: 8/31/2023 @ 1:49PM
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