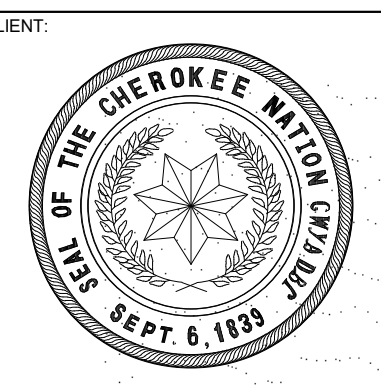
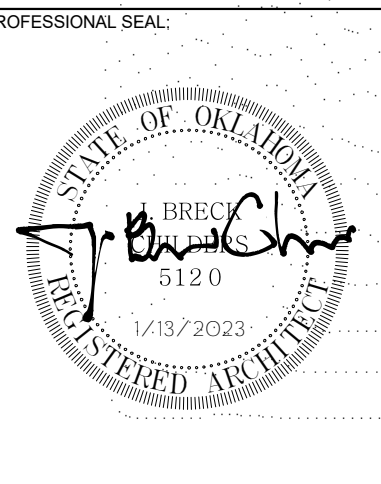
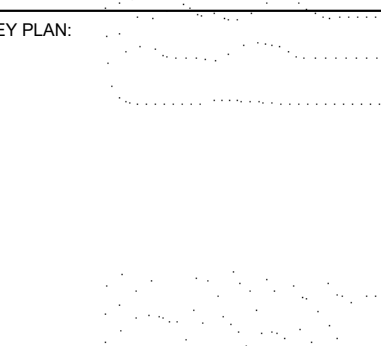


James R. Childers
Architect, Inc.
45 South 4th Street
Fort Smith, AR 72901
479-783-2450
www.childersarchitect.com



CHEROKEE NATION
ENVIRONMENTAL HEALTH - MARKOMA BUILDING
TAHLEQUAH, OKLAHOMA



PROJECT PHASE
100% CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS	DESCRIPTION

DATE: 09/21/2020 JOB NUMBER: 18-01.14

SHEET NUMBER:
G0.00
COVER

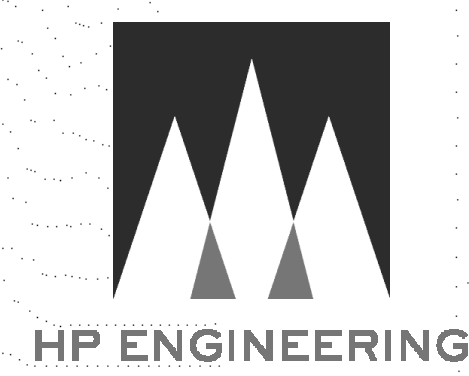
ENVIRONMENTAL HEALTH - MARKOMA BUILDING

100% CONSTRUCTION DOCUMENTS
PHASE 1

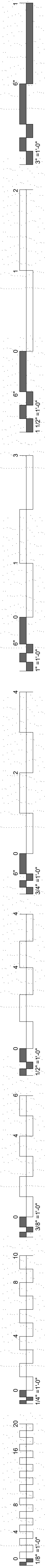


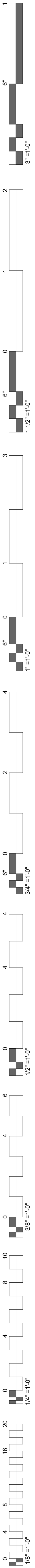
Sheet Number	SHEET NAME	09/21/2020 - 99% CONSTRUCTION DOCUMENTS	09/21/2020 - 100% CONSTRUCTION DOCUMENTS SUBMITTAL
INDEX OF DRAWINGS			
GENERAL			
G0.00	COVER	██	██
ARCHITECTURAL			
A0.1	EXISTING & DEMO PLAN	██	██
A0.2	EXISTING & DEMO PLAN	██	██
A1.00	OVERALL FLOOR PLANS	██	██
A1.40	ROOF PLAN	██	██
A1.50	PARTITION TYPES	██	██
A1.60	ENLARGED TOILET PLANS & ELEVATIONS	██	██
A1.81	TOILET ACCESSORIES	██	██
A3.01	EXTERIOR ELEVATIONS	██	██
A7.00	INTERIOR ELEVATIONS	██	██
A7.10	MILLWORK ELEVATIONS, SECTIONS & DETAILS	██	██
A8.00	INTERIOR FINISH SCHEDULE, LEGEND, DOOR SCHEDULE & THREE DIMENSIONAL VIEW	██	██
A8.01	FINISH PLANS	██	██
A8.01	CEILING PLANS	██	██
A10.00	SIGNAGE SCHEDULE & ELEVATIONS	██	██

Sheet Number	SHEET NAME	09/21/2020 - 99% CONSTRUCTION DOCUMENTS	09/21/2020 - 100% CONSTRUCTION DOCUMENTS SUBMITTAL
INDEX OF DRAWINGS			
MECHANICAL			
A10.01	SIGNAGE PLANS	██	██
PLUMBING			
P1.0	PLUMBING LEGENDS, NOTES AND SCHEDULES	██	██
P2.0	PLUMBING DRAIN AND VENT ISOMETRIC PLAN	██	██
P3.0	PLUMBING SUPPLY PLAN	██	██
MECHANICAL			
M1.0	MECHANICAL SCHEDULES AND NOTES	██	██
M1.1	MECHANICAL SCHEDULES	██	██
M1.2	MECHANICAL LEGEND AND DETAILS	██	██
M2.0	MECHANICAL HVAC FLOOR PLAN	██	██
M2.2	MECHANICAL AXONOMETRIC PLAN	██	██
M2.3	MECHANICAL REFLECTED CEILING PLAN	██	██
M2.4	MECHANICAL VRF PIPING PLAN	██	██
M2.5	VRF WIRING & PIPING DIAGRAMS	██	██
ELECTRICAL			
E1.0	ELECTRICAL NOTES AND LEGEND	██	██
E1.1	ELECTRICAL DEMOLITION PLAN	██	██
E1.2	ELECTRICAL POWER PLANS	██	██
E2.1	LIGHTING PLAN	██	██



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5214 W. VILLAGE PARKWAY, SUITE 120
ROGERS, AR 72758
(479) 899-4370
MECHANICAL, ELECTRICAL
& PLUMBING ENGINEER





PHASE 1 SITE DEMOLITION NOTES:

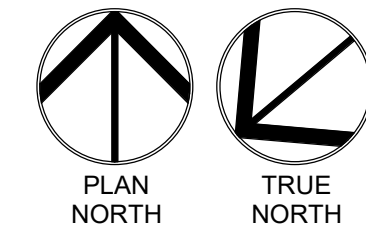
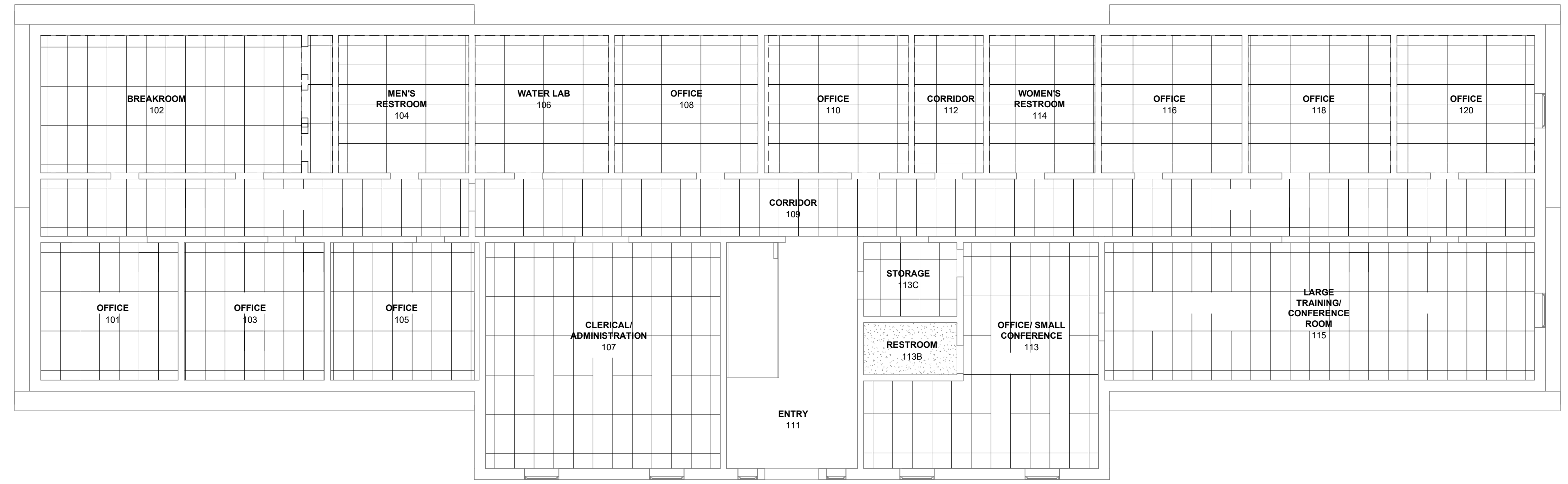
1. TRIM ALL TREES/LIMBS AWAY FROM BUILDING MINIMUM OF 10'.
2. REMOVE DEAD MAPLE TREE AT NORTHEAST CORNER OF BUILDING.
3. REMOVE DEAD MAPLE TREE AT SOUTHEAST CORNER OF BUILDING/PARKING LOT.

PHASE 1 BUILDING DEMOLITION / MODIFICATION NOTES:

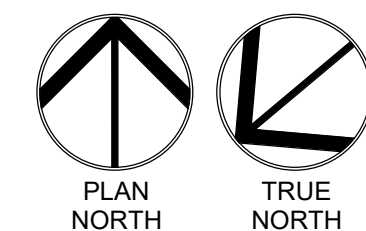
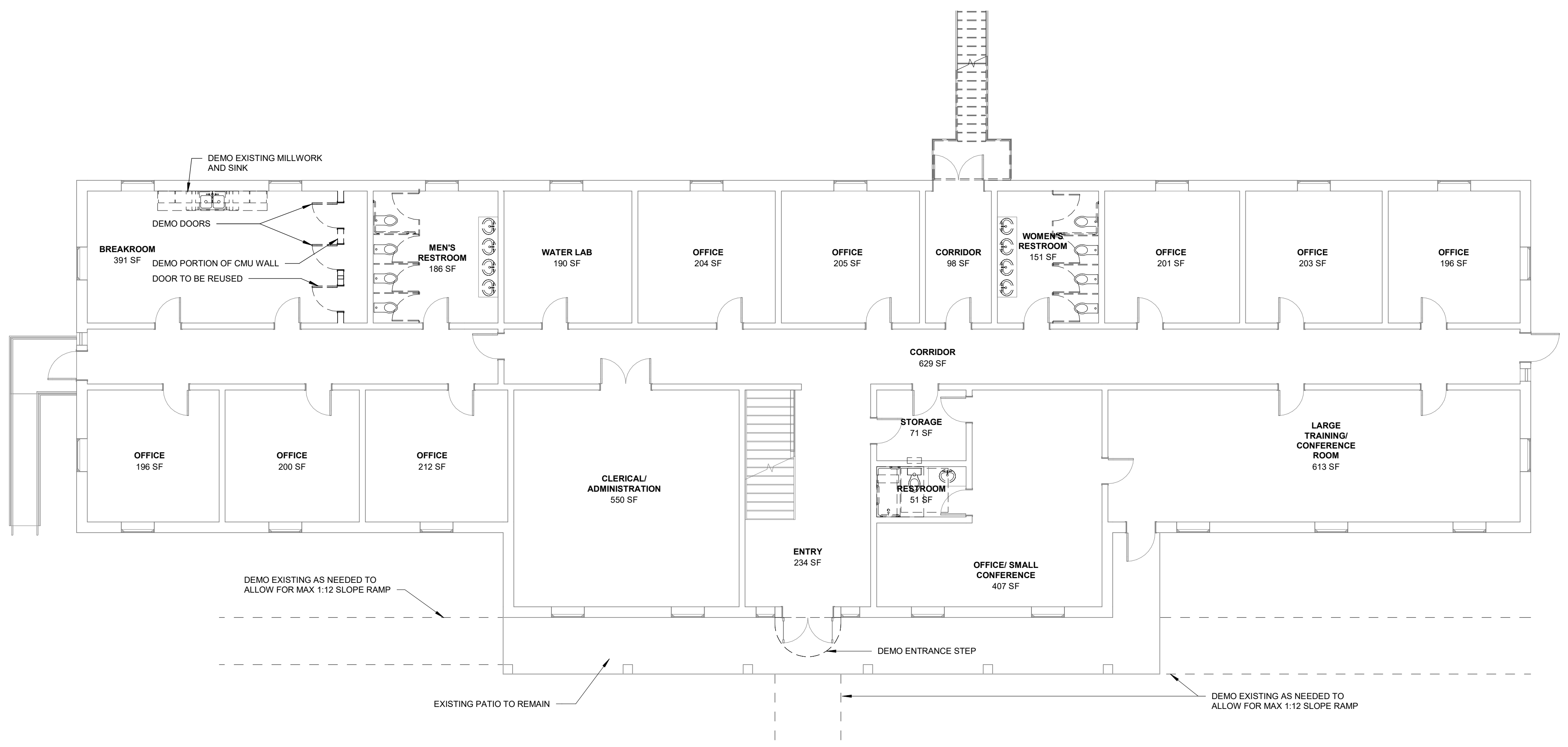
1. REMOVE EXISTING WINDOW UNITS AND DELIVER TO OWNER SPECIFIED LOCATION.
2. REMOVE AND DISCARD ALL CEILING, FLOOR AND GROUND MOUNTED HVAC UNITS/COMPONENTS.
3. REPAIR CEILING GRID AS REQUIRED FOR FINISH APPEARANCE.
4. INTERIOR WALLS, REMOVE ALL EXISTING ANCHORS, NAILS, SCREWS ETC. AND REPAIR WALLS.

GENERAL DEMOLITION NOTES:

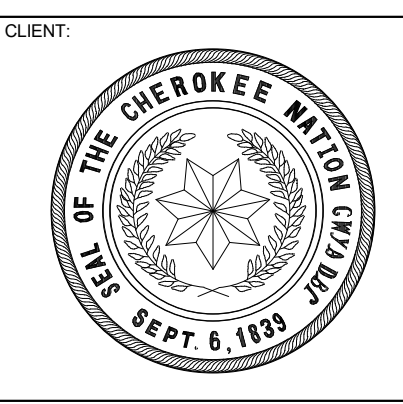
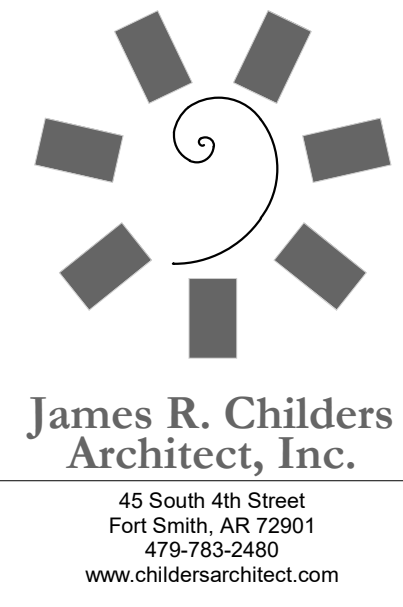
- CONTRACTOR TO COORDINATE DEMOLITION WORK SEQUENCE.
- DEMOLITION DRAWINGS REPRESENT EXISTING CONDITIONS BASED ON LIMITED EXISTING DRAWINGS AND SITE OBSERVATIONS.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING BUILDING AND SITE CONDITIONS.
- DEMOLITION DRAWINGS GENERALLY INDICATE EXISTING SCOPE OF WORK TO BE DEMOLISHED AND ARE NOT INTENDED TO LIMIT FOR FULLY DEFINE THE SCOPE OF WORK TO BE REMOVED IN ORDER TO ACCOMPLISH SCOPE OF NEW CONSTRUCTION, WHERE THESE CONDITIONS OCCUR OUTSIDE OF THE DEMOLITION LIMITS. AREAS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION AS PART OF THE NEW CONSTRUCTION SCOPE OF WORK.
- CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY CONFLICTS BETWEEN EXISTING CONSTRUCTION AND CONSTRUCTION DOCUMENTS.
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- PARTITIONS SCHEDULED TO BE REMOVED, DEMOLITION SHOULD INCLUDE MISCELLANEOUS BRACING, TRACK, ETC. TO BOTTOM OF STRUCTURE.
- CONTRACTOR SHALL MAINTAIN ALL REQUIRED EXITS UNOBSTRUCTED, ILLUMINATED AND PROTECTED FROM CONSTRUCTION ACTIVITIES.
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- PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE.
- TRANSPORT DEMOLISHED MATERIALS AND LEGALLY DISPOSE OF THEM.



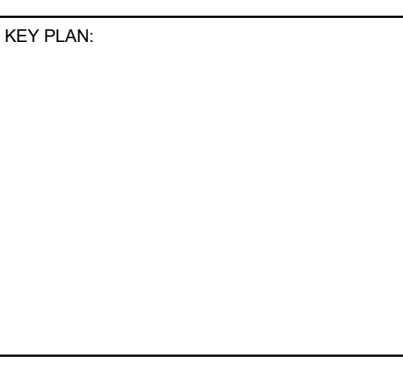
02 DEMO CEILING PLAN - LEVEL 01
1/8" = 1'-0"



01 DEMO PLAN - LEVEL 01
1/8" = 1'-0"



CHEROKEE NATION
ENVIRONMENTAL HEALTH - MARKOMA BUILDING
 TAHLEQUAH, OKLAHOMA



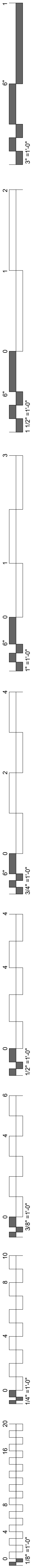
PROJECT PHASE:
100% CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS DESCRIPTION

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EXISTING & DEMO PLAN



PHASE 1 SITE DEMOLITION NOTES:

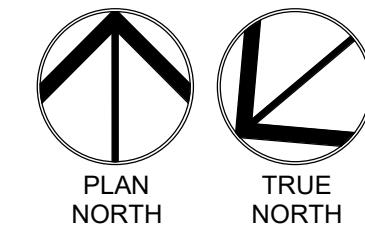
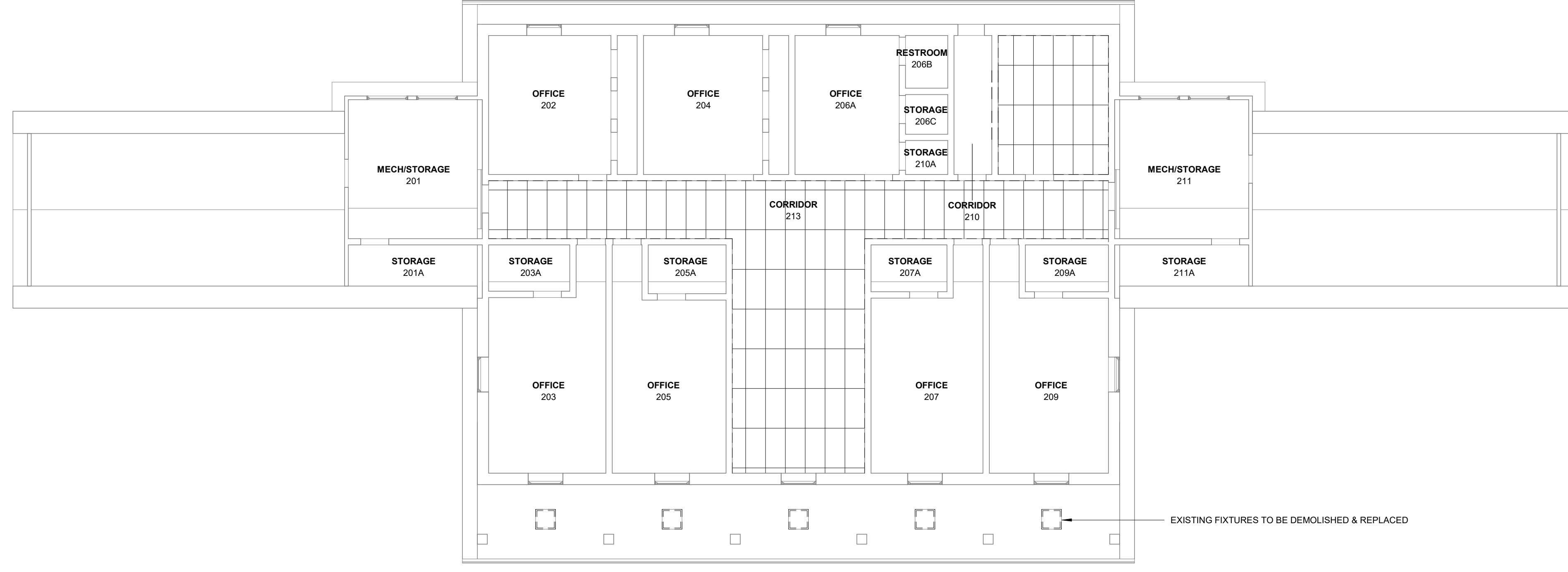
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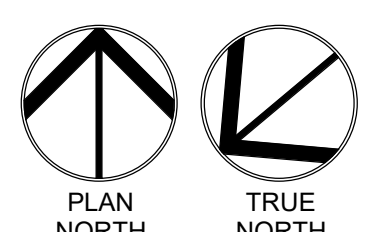
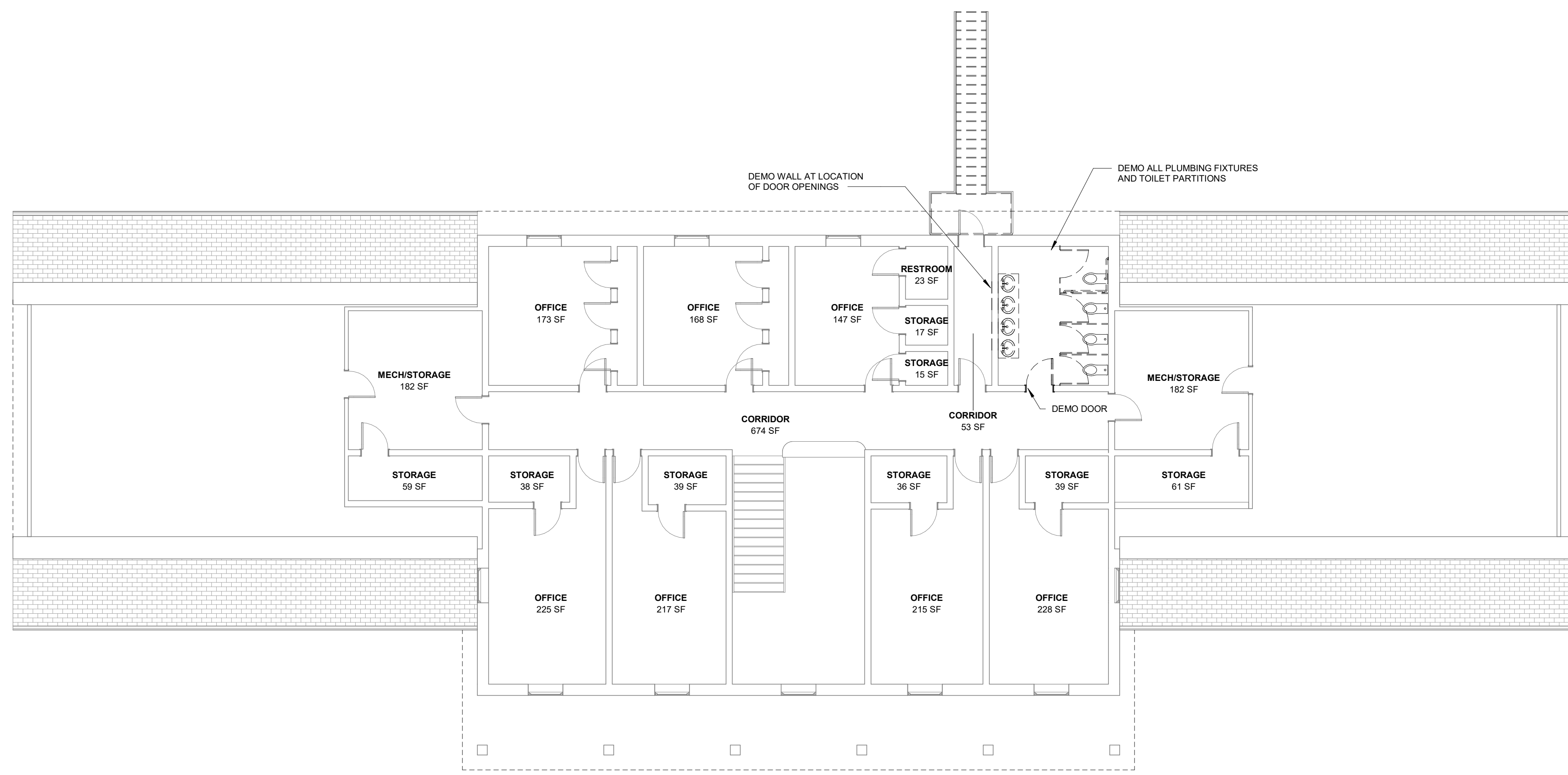
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GENERAL DEMOLITION NOTES:

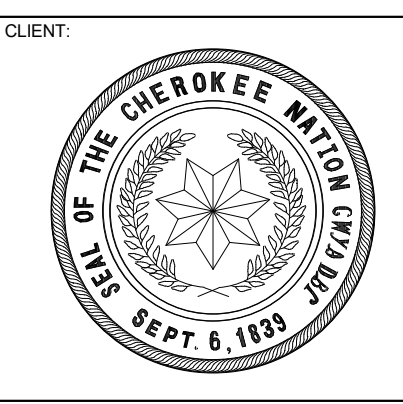
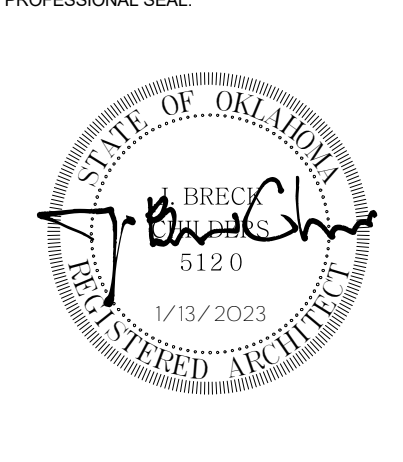
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02 DEMO CEILING PLAN - LEVEL 02
1/8" = 1'-0"



01 A - FP - LEVEL 02 DEMO
1/8" = 1'-0"



CHEROKEE NATION
ENVIRONMENTAL HEALTH - MARKOMA BUILDING
 TAHLEQUAH, OKLAHOMA

KEY PLAN:

PROJECT PHASE:
100% CONSTRUCTION DOCUMENTS

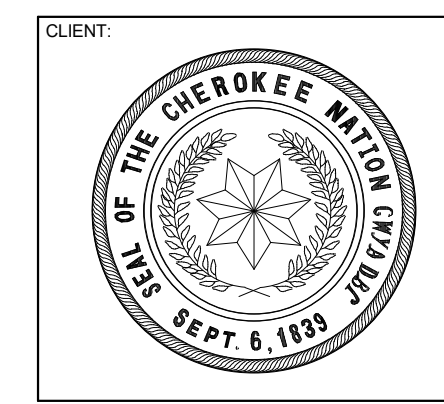
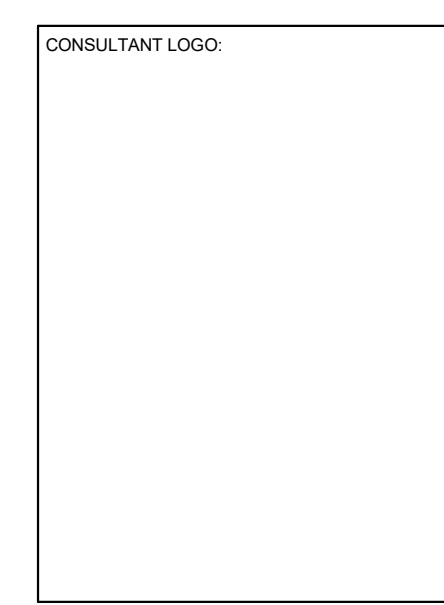
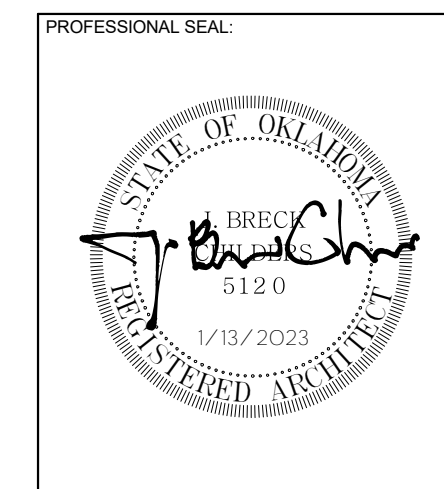
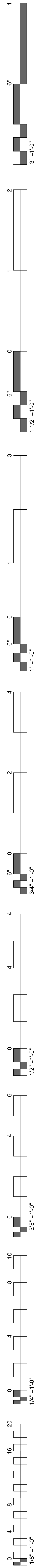
#	DATE	REVISIONS DESCRIPTION

DATE: 09/21/2020 JOB NUMBER: 18-01.14

SHEET NUMBER:

A0.2

EXISTING & DEMO PLAN



**CHEROKEE NATION
ENVIRONMENTAL HEALTH - MARKOMA BUILDING**
TAHLEQUAH, OKLAHOMA

KEY PLAN:

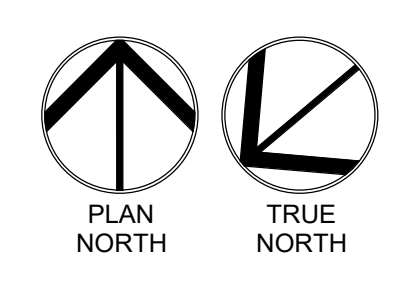
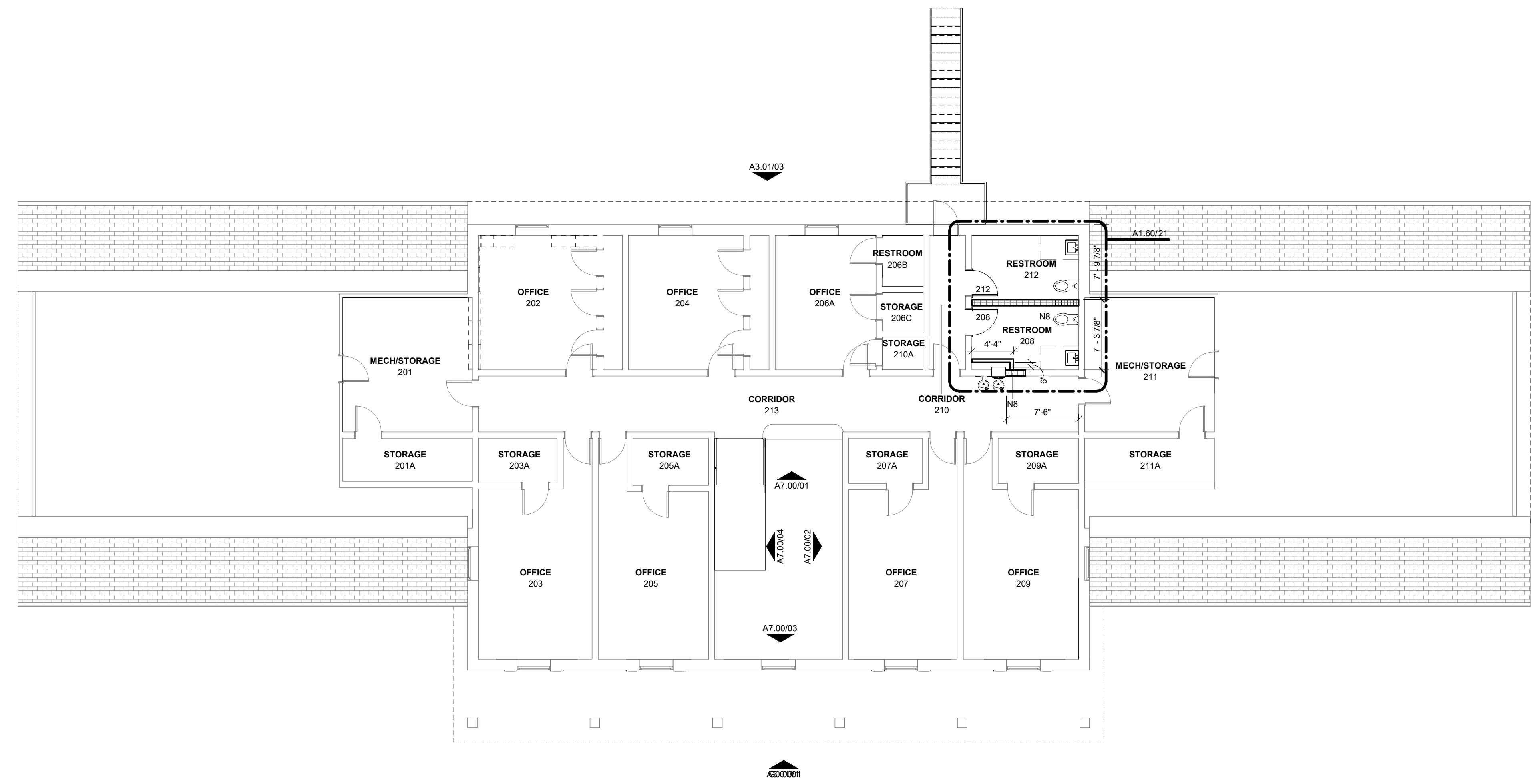
PROJECT PHASE:
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#	DATE	REVISIONS DESCRIPTION

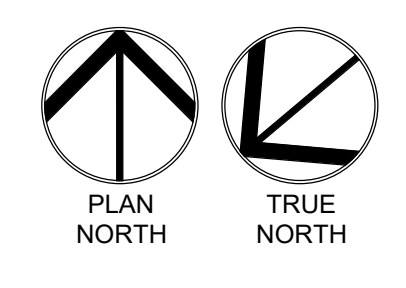
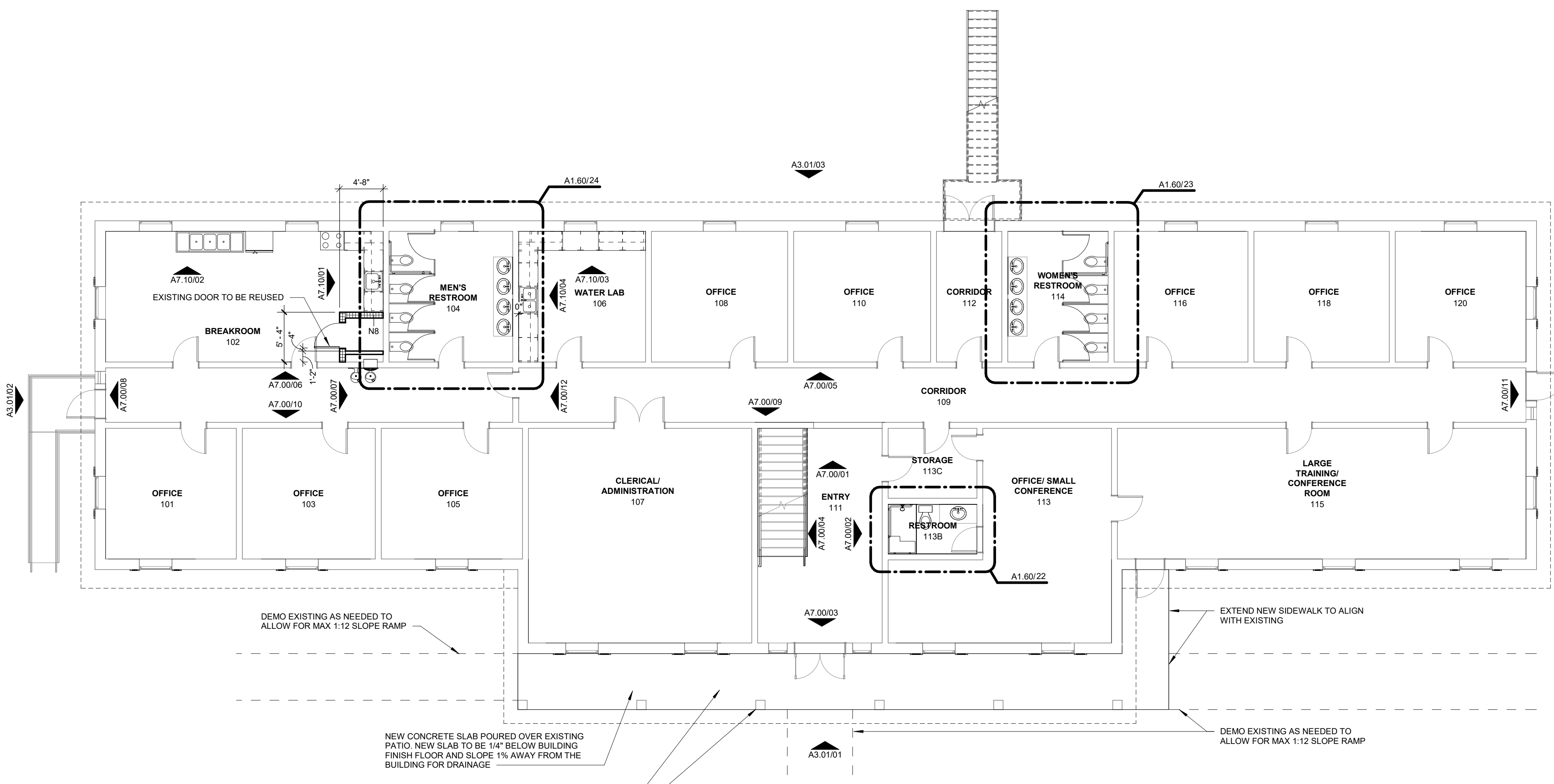
DATE:	JOB NUMBER:
09/21/2020	18-01.14

SHEET NUMBER:
A1.00

OVERALL FLOOR PLANS



02 OVERALL FLOOR PLAN - LEVEL 02
1/8" = 1'-0"



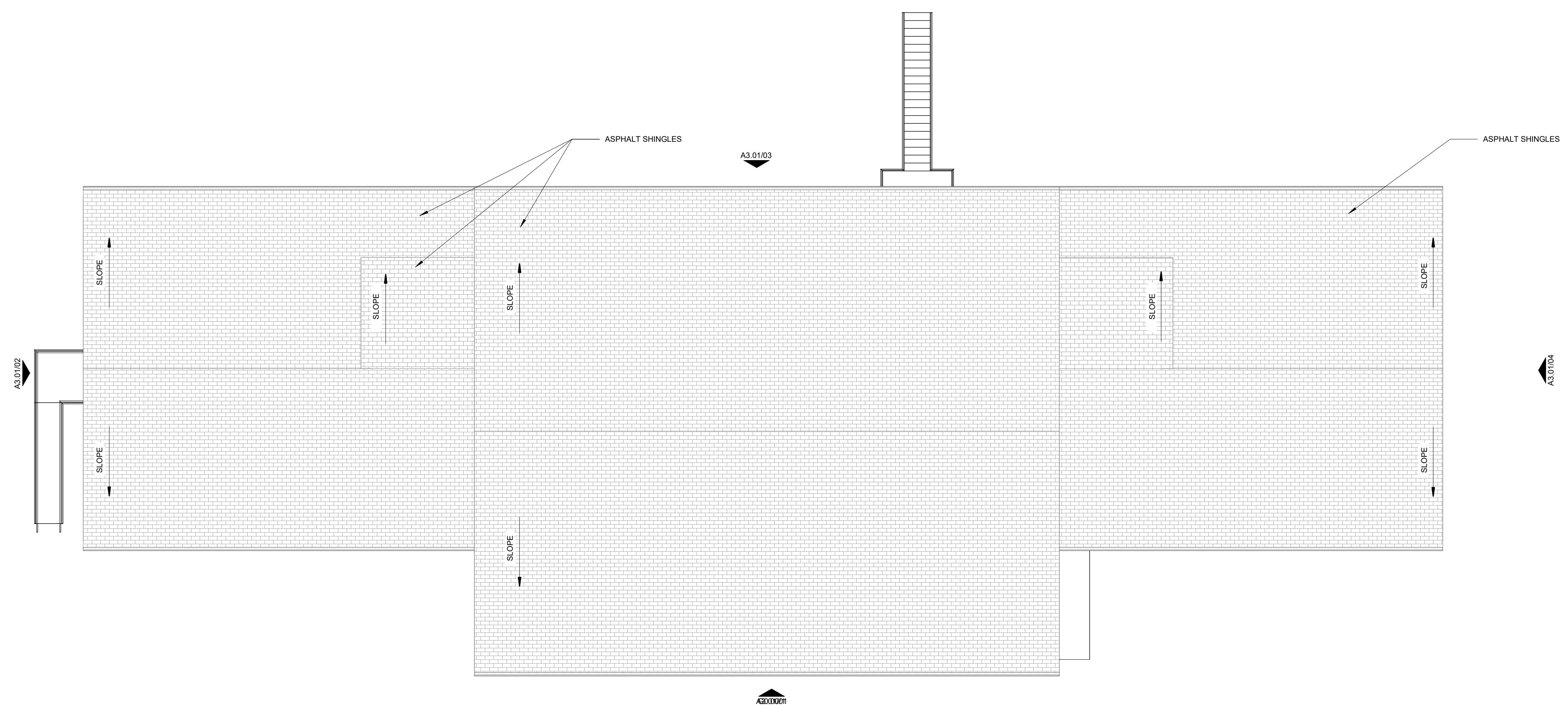
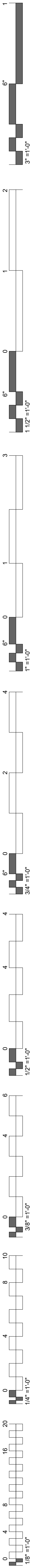
01 OVERALL FLOOR PLAN - LEVEL 01
1/8" = 1'-0"

NEW CONCRETE SLAB POURED OVER EXISTING PATIO. NEW SLAB TO BE 1/4" BELOW BUILDING FINISH FLOOR AND SLOPE 1% AWAY FROM THE BUILDING FOR DRAINAGE.

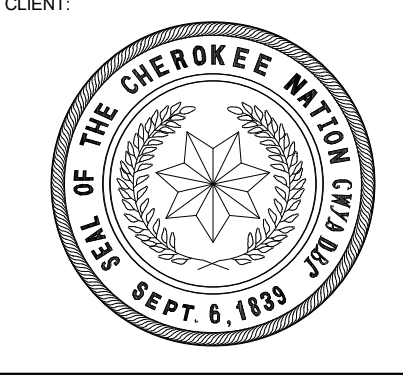
AT THE EXISTING COLUMNS, WRAP THE COLUMN AT THE BASE WITH EXPANSION JOINT MATERIAL AND SEAL TOP TO PREVENT WATER INTRUSION. CONCRETE TO BE CROWNED AT THE COLUMNS FOR TO PREVENT WATER FROM COLLECTING.

CONCRETE DETAILS:

- #3 REBAR @ 18" OC WITH ISOLATION JOINTS AT THE BUILDING AND AROUND EXISTING COLUMNS.
- SHEET OF VISQUEEN TO BE PLACED ON TOP OF THE EXISTING SLAB PRIOR TO POURING THE NEW TOPPING.
- PROVIDE 3/4" CONTROL JOINTS AT 5'-0". FILL JOINTS WITH SEALANT.



 PLAN NORTH
 TRUE NORTH
01 ROOF PLAN
 1/8" = 1'-0"



CHEROKEE NATION
ENVIRONMENTAL HEALTH - MARKOMA BUILDING
 TAHLEQUAH, OKLAHOMA

KEY PLAN:

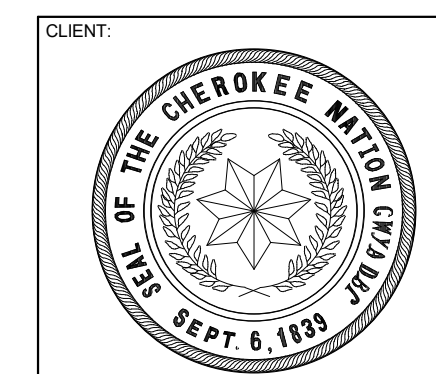
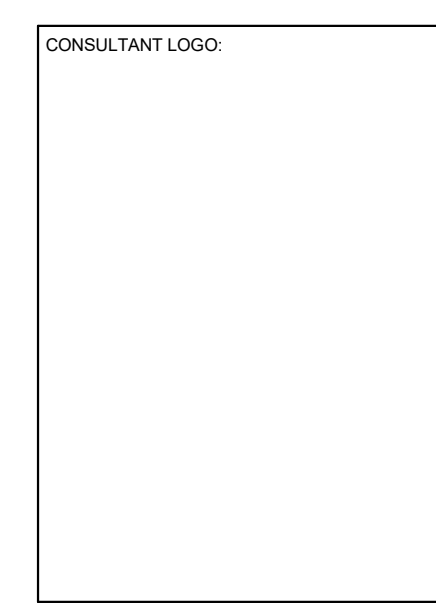
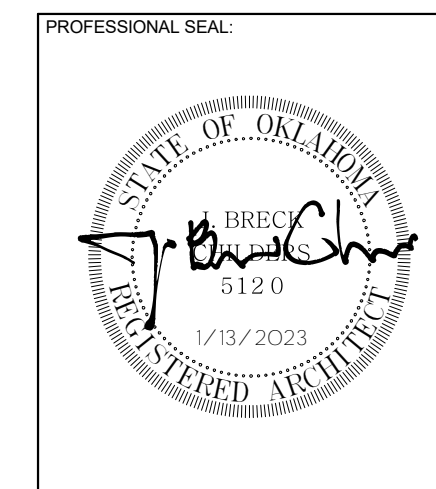
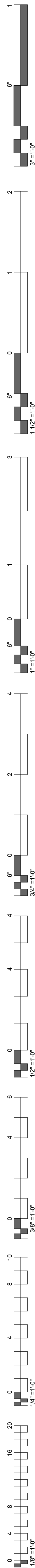
PROJECT PHASE:
100% CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS DESCRIPTION

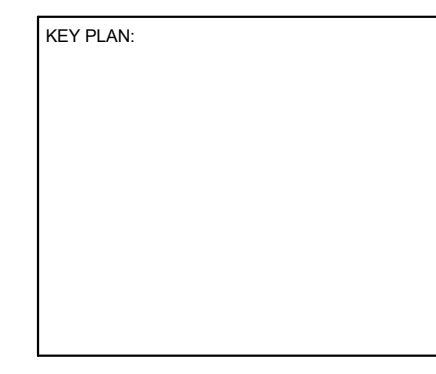
DATE: 09/21/2020 JOB NUMBER: 18-01.14

SHEET NUMBER:
A1.40

ROOF PLAN



CHEROKEE NATION
ENVIRONMENTAL HEALTH - MARKOMA BUILDING
 TAHLEQUAH, OKLAHOMA



PROJECT PHASE:
100% CONSTRUCTION DOCUMENTS

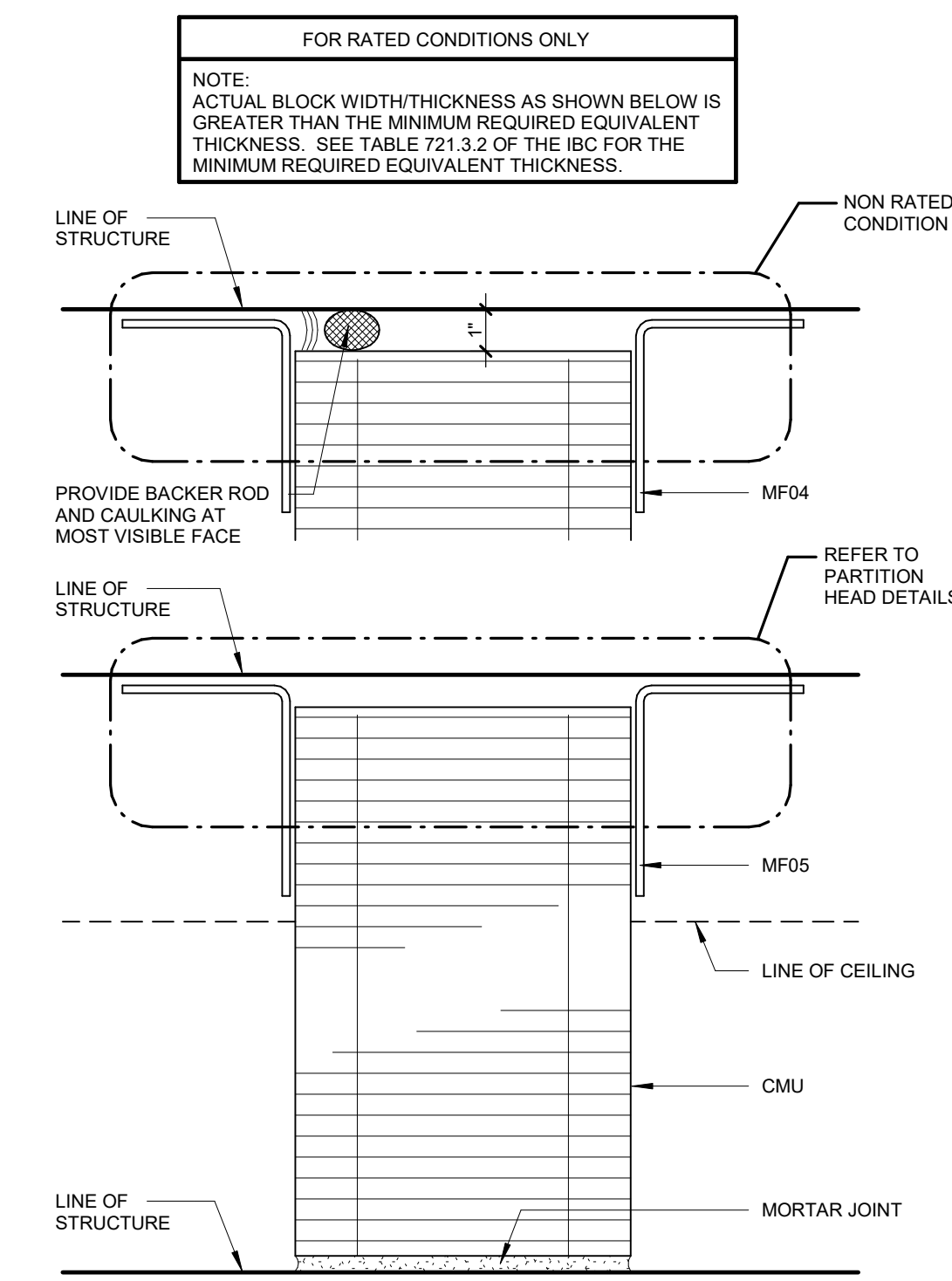
#	DATE	REVISIONS DESCRIPTION

DATE: 09/21/2020 JOB NUMBER: 18-01.14

SHEET NUMBER: **A1.50**

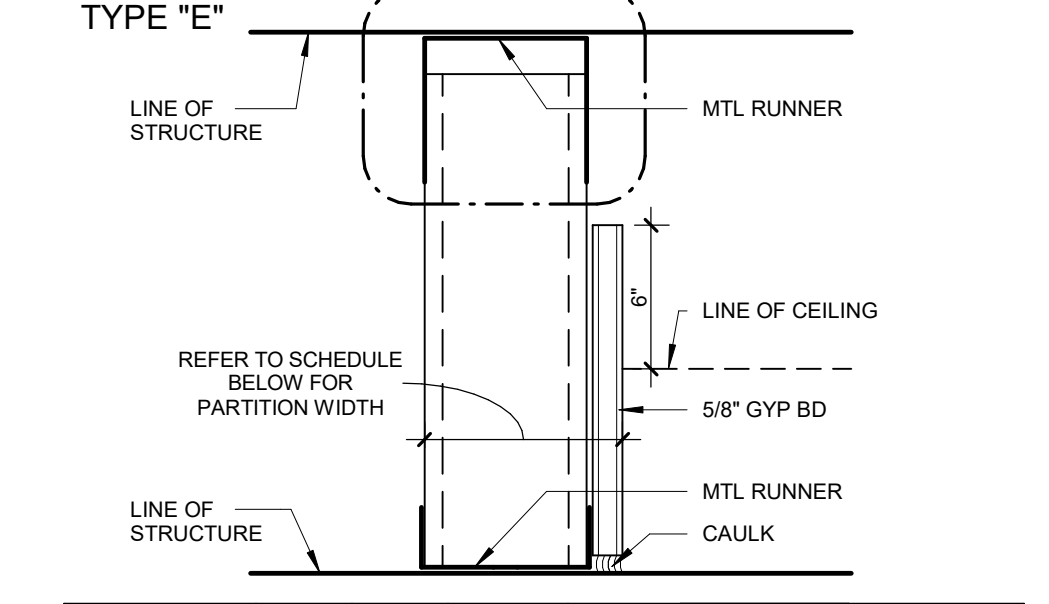
PARTITION TYPES

WALL PARTITION TYPE "N"



FLOOR PLAN DESIGNATION	CMU WIDTH	PART WIDTH	FIRE RATING	UL LISTING	SOUND TRANS CLASS	REMARKS
N4	3 5/8"	3 5/8"	NON-RATED	N/A	N/A	
N6	5 5/8"	5 5/8"	NON-RATED	N/A	43	
N8	7 5/8"	7 5/8"	NON-RATED	N/A	45	
N10	9 5/8"	9 5/8"	NON-RATED	N/A	45	
N12	11 5/8"	11 5/8"	NON-RATED	N/A	49	
N4	3 5/8"	3 5/8"	ONE HOUR	N/A	N/A	SOLID ONLY. SEE TABLE 721.3.2
N6	5 5/8"	5 5/8"	ONE HOUR	U906	43	
N8	7 5/8"	7 5/8"	ONE HOUR	U905	45	
N10	9 5/8"	9 5/8"	ONE HOUR	U905	45	
N12	11 5/8"	11 5/8"	ONE HOUR	U905	49	
N6	5 5/8"	5 5/8"	TWO HOUR	U906	43	
N8	7 5/8"	7 5/8"	TWO HOUR	U905	45	
N10	9 5/8"	9 5/8"	TWO HOUR	U905	45	
N12	11 5/8"	11 5/8"	TWO HOUR	U905	49	
N6	5 5/8"	5 5/8"	THREE HOUR	N/A	43	SEE TABLE 721.3.2
N8	7 5/8"	7 5/8"	THREE HOUR	U904	45	
N10	9 5/8"	9 5/8"	THREE HOUR	U904	45	
N12	11 5/8"	11 5/8"	THREE HOUR	U904	49	
N8	7 5/8"	7 5/8"	FOUR HOUR	U901	45	
N10	9 5/8"	9 5/8"	FOUR HOUR	U901	49	
N12	11 5/8"	11 5/8"	FOUR HOUR	U901	49	

WALL PARTITION TYPE "E"



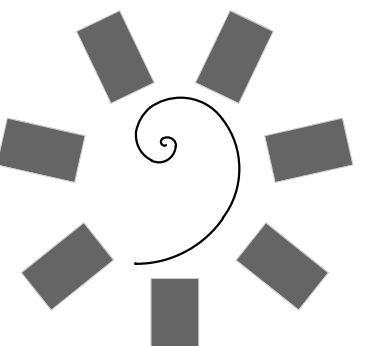
FLOOR PLAN DESIGNATION	STUD SIZE	PART WIDTH	FIRE RATING	UL LISTING	SOUND TRANS CLASS	REMARKS
E2	2 1/2"	3 1/8"	NON-RATED	N/A	N/A	
E3	3 5/8"	4 1/4"	NON-RATED	N/A	N/A	
E6	6"	6 5/8"	NON-RATED	N/A	N/A	

NOTES

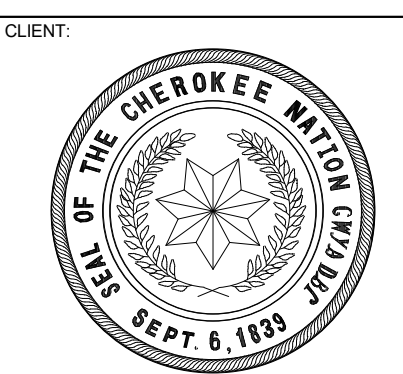
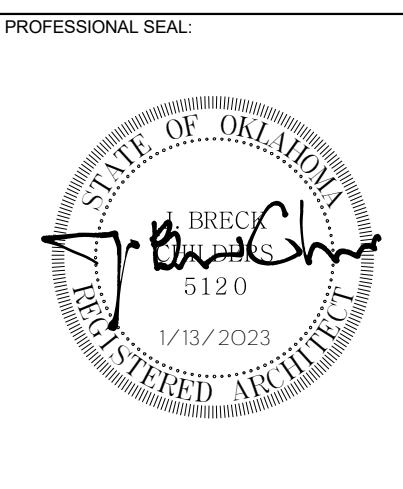
- PARTITIONS ARE DISTINGUISHED ON FLOOR PLANS BY SYMBOL DESIGNATION, GRAPHIC DESIGNATION OR A COMBINATION OF BOTH DESIGNATIONS.
- THERE ARE TWO TYPES OF SYMBOL DESIGNATIONS. ONE FOR PARTITIONS NOT REQUIRING SOUND ATTENUATION AND ANOTHER FOR PARTITIONS WHICH REQUIRE SOUND ATTENUATION. REFER TO PARTITION MATRICES FOR SOUND ATTENUATION BLANKET (SAB) MINIMUM THICKNESS FOR STC INDICATED.
- THE INDIVIDUAL BARRIERS SHALL BE LOCATED ON THE SIDE OF THE PARTITION ADJACENT TO THEIR RESPECTIVE SPACES. IF MULTIPLE BARRIERS ARE INCORPORATED INTO THE SAME PARTITION, THEN THEY SHOULD BE DISPLAYED ACCORDINGLY. REFER TO THE FOLLOWING EXAMPLE: (SLP)
- WALL PARTITION SIZE MATRIX:

NO.	CMU	SHAFTWALL	METAL STUDS
1	-	-	1 5/8"
2	-	2 1/2"	2 1/2"
3	-	-	3 5/8"
4	-	4"	-
6	5 5/8"	6"	6"
8	7 5/8"	-	8"
10	9 5/8"	-	10"
12	11 5/8"	-	12"
- THE GRAPHIC DESIGNATION IS INCORPORATED FOR PARTITIONS REQUIRED TO BE SMOKE RESISTANT, FIRE RESISTANT, OR BOTH FIRE AND SMOKE RESISTANT. REFER TO NOTE 16.
- "LINE OF STRUCTURE" INDICATED FOR EACH PARTITION IS DIAGRAMMATIC ONLY AND DOES NOT INDICATE EXACT CONSTRUCTION CONDITIONS OR GEOMETRY.
- ALL DIMENSIONS ARE FROM FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD. REFER TO PARTITION MATRICES FOR PARTITION WIDTH DIMENSIONS UNLESS INDICATED TO BE SHOWN ON PLAN.
- FIRE CAULK:
 - FIRE RESISTANCE RATED PARTITIONS SHALL USE RATED FIRE/SMOKE FIRE RESISTANT FILL MATERIAL IN CONJUNCTION WITH AN APPROPRIATE RATED FIRE/SMOKE FIRE STOPPING SYSTEM.
 - NON-RATED PARTITIONS AND NON-RATED SMOKE RESISTANT PARTITIONS SHALL USE ACOUSTICAL SEALANT.
- INSULATION - HEAD CONDITIONS AT FLOOR/ROOF DECK
 - FIRE RESISTANCE RATED PARTITIONS SHALL USE MINERAL WOOL INSULATION.
 - NON-RATED PARTITIONS REQUIRING SOUND ATTENUATION SHALL USE SOUND ATTENUATION BLANKETS (SAB).
 - PROVIDE FULL THICKNESS INSULATION INSIDE ALL STUD BOX BEAMS AND HEADERS WHICH OCCUR IN WALLS WITH SOUND ATTENUATION.
- REFER TO SPECIFICATIONS FOR MINIMUM STUD THICKNESS, MAXIMUM SPACING AND ALLOWABLE LIMITING HEIGHTS DEFLECTION CRITERIA FOR GYPSUM BOARD ASSEMBLIES.
- FOR PARTITIONS INDICATED TO RECEIVE SOUND ATTENUATION BLANKETS (SAB), EXTEND SAB TO FULL HEIGHT OF PARTITION UNLESS OTHERWISE INDICATED. FLOOR TRACK TO BE SET IN A CONT BED OF SEALANT.
- FIRE RESISTANT AND FIRE RESISTANT SMOKE BARRIER RATINGS ARE TO SURROUND ALL OPENINGS IN RATED PARTITIONS.
- SMOKE RESISTANT, FIRE RESISTANT, AND FIRE RESISTANT SMOKE BARRIER PARTITIONS SHALL EXTEND AND SEAL TO INSIDE FACE OF EXTERIOR SHEATHING, INCLUDING EXTENSIONS THROUGH SOFFITS.
- EACH PARTITION SHOWN ON THE DRAWINGS TO HAVE A FIRE AND SMOKE RESISTANT RATING SHALL BE IDENTIFIED AS SUCH WITH A LABEL ABOVE THE CEILING ON EACH SEGMENT OF THE WALL AND 6" OC MAX EACH SIDE.
- REFER TO STRUCTURAL DRAWINGS FOR REINFORCING INFORMATION.

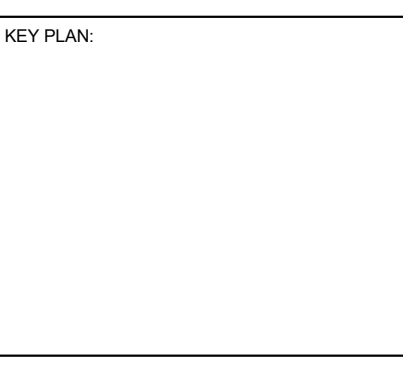
GRAPHIC DESIGNATION	PRIORITY
4 HR FIRE BARRIER	1 HIGHEST
3 HR FIRE BARRIER	2
2 HR SMOKE BARRIER	3
2 HR FIRE BARRIER	4
2 HR FIRE BARRIER/SHAFT WALL	3
1 HR SMOKE BARRIER	4
1 HR FIRE BARRIER	3
1 HR FIRE BARRIER/SHAFT WALL	4
SMOKE PARTITION (NON RATED)	5 LOWEST
- DO NOT APPLY BULLNOSE BLOCK AT CORNER GUARD LOCATIONS.
- MASONRY REINFORCEMENT: REFERENCE STRUCTURAL DRAWINGS.
- HW (HEAD OF WALL) DETAILS DO NOT ALTER PARTITION TYPES NOTED ON PLANS.



James R. Childers
Architect, Inc.
45 South 4th Street
Fort Smith, AR 72901
479-783-2450
www.childersarchitect.com



CHEROKEE NATION
ENVIRONMENTAL HEALTH - MARKOMA BUILDING
TAHLEQUAH, OKLAHOMA



PROJECT PHASE:
100% CONSTRUCTION DOCUMENTS

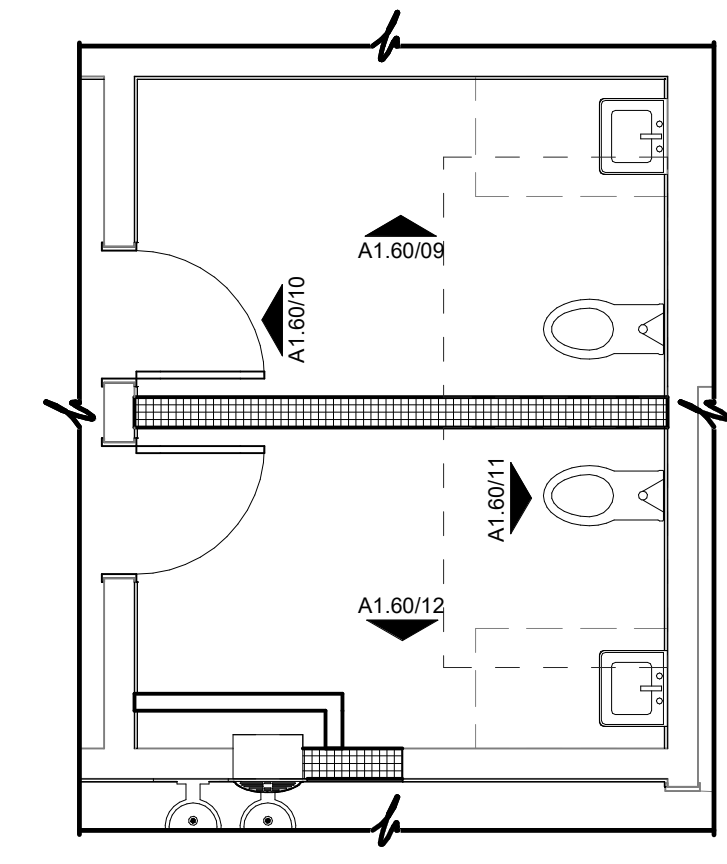
#	DATE	REVISIONS DESCRIPTION

DATE: 09/21/2020 JOB NUMBER: 18-01.14

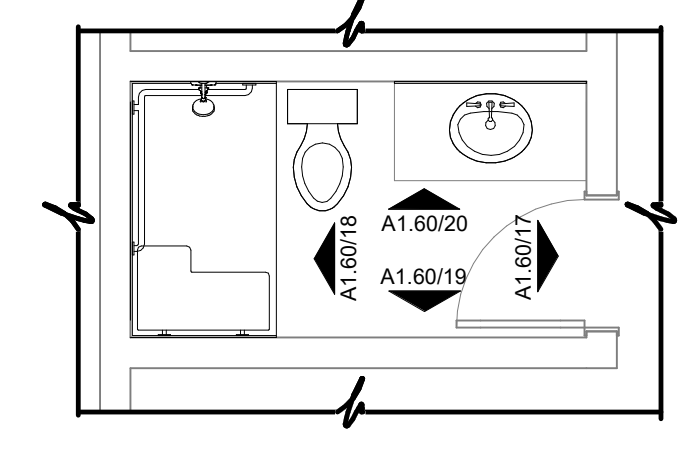
SHEET NUMBER:

A1.60

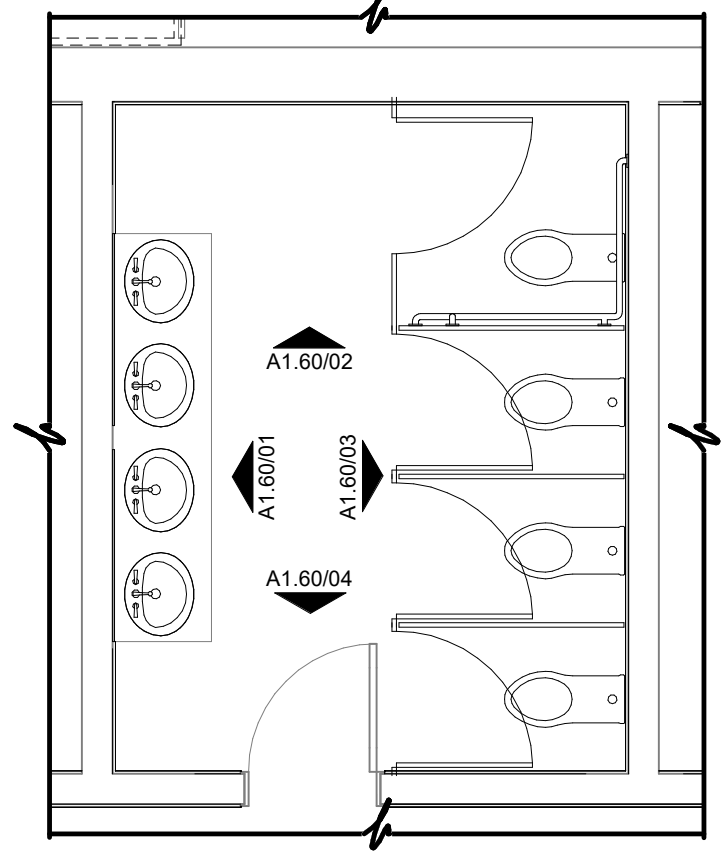
ENLARGED TOILET PLANS & ELEVATIONS



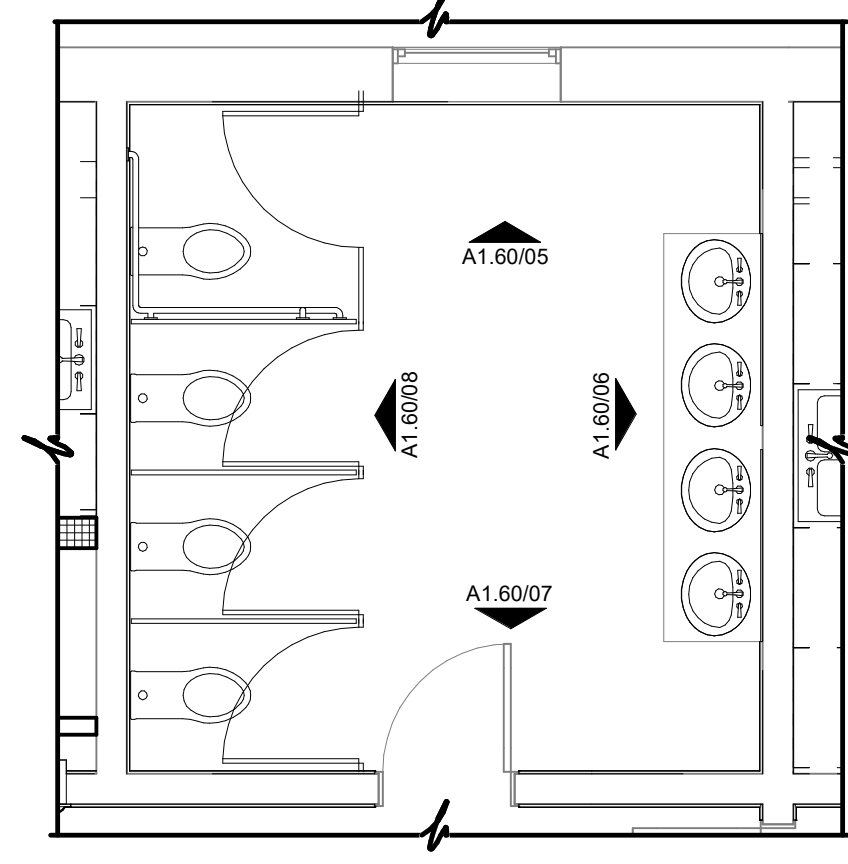
21 ENLARGED TOILET PLAN
1/4" = 1'-0" 208, 212



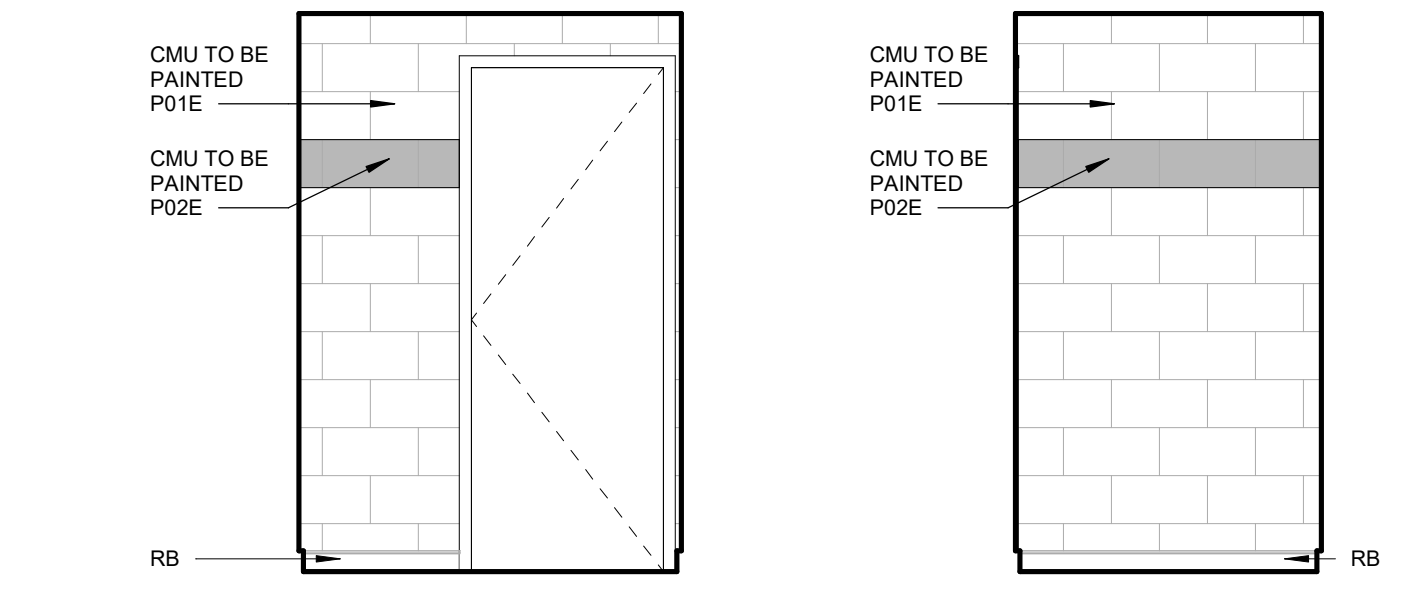
22 ENLARGED TOILET PLAN
1/4" = 1'-0" 113B



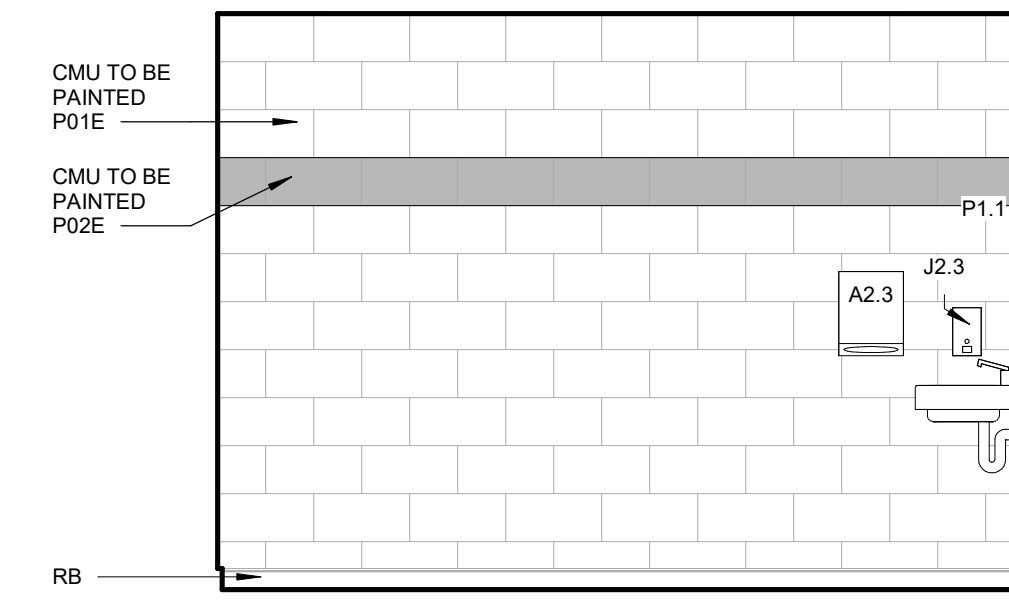
23 ENLARGED TOILET PLAN
1/4" = 1'-0" 114



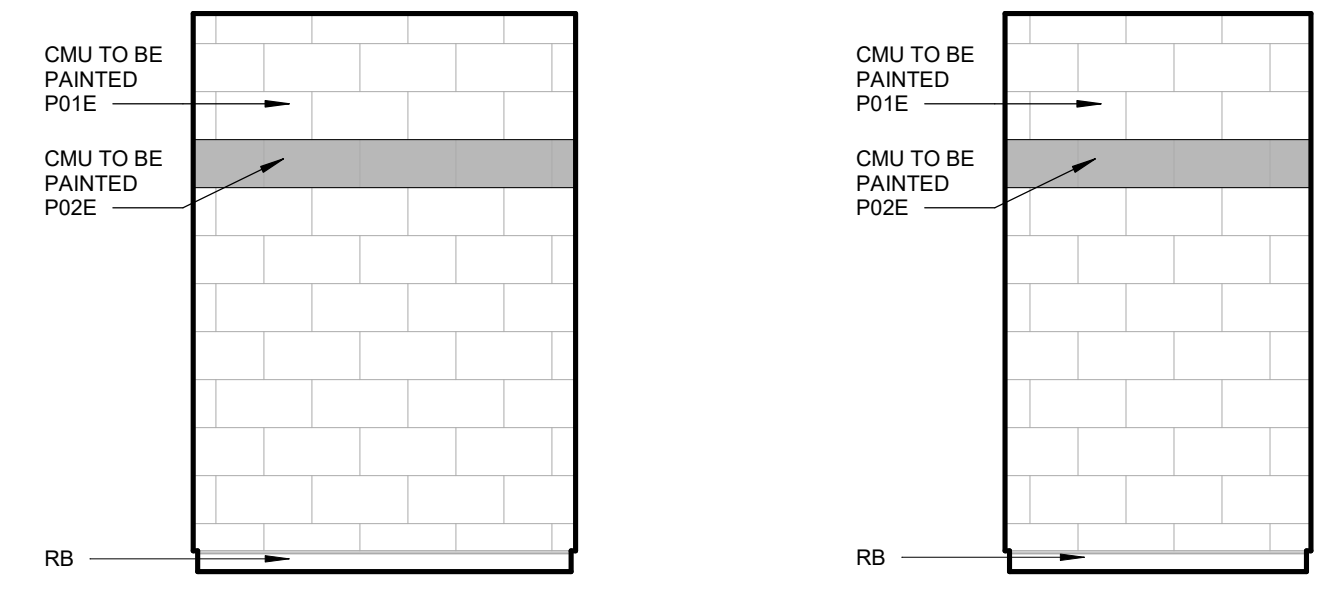
24 ENLARGED TOILET PLAN
1/4" = 1'-0" 104



13 TOILET ELEVATION
3/8" = 1'-0" 206B

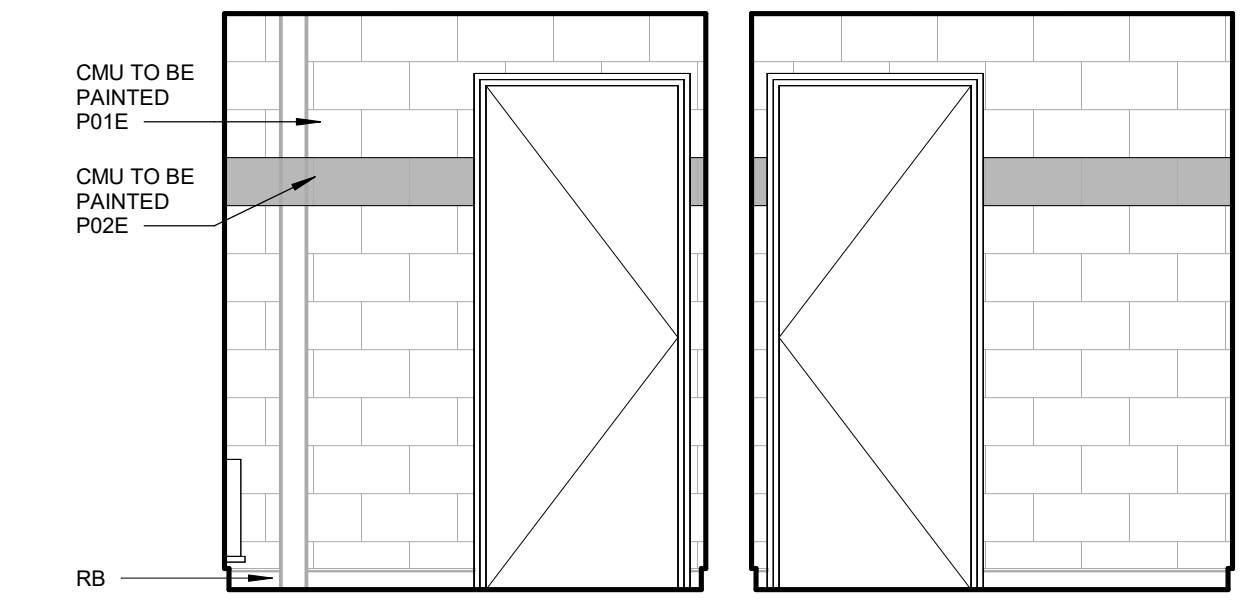


14 TOILET ELEVATION
3/8" = 1'-0" 206B



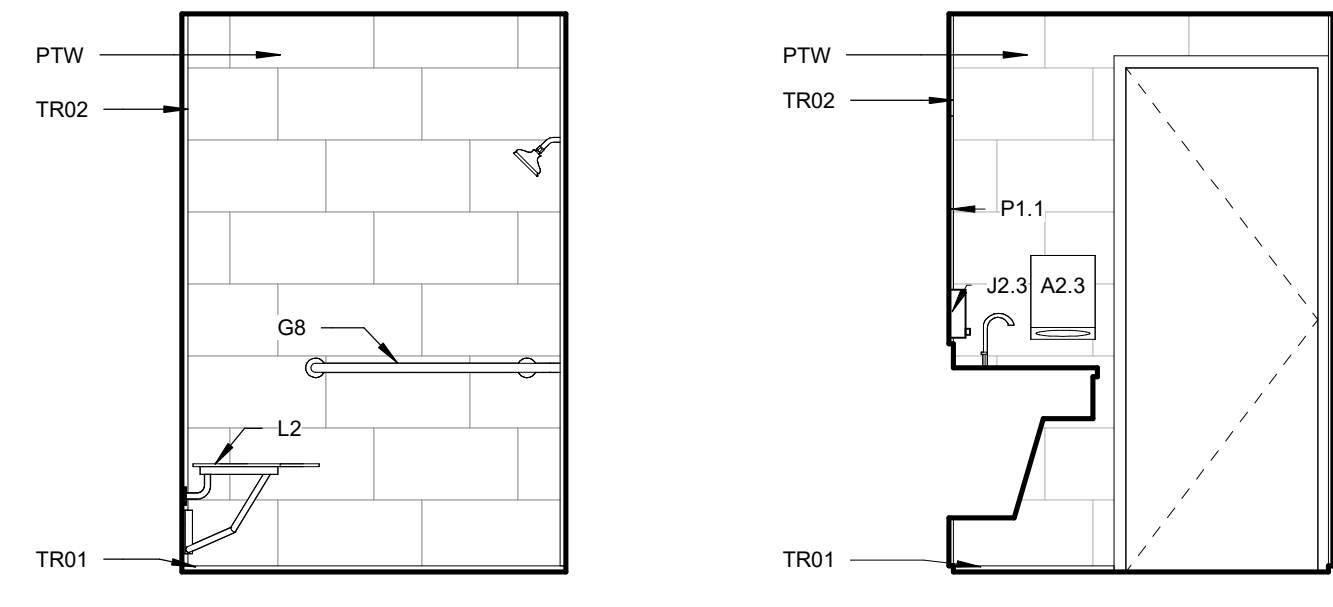
15 TOILET ELEVATION
3/8" = 1'-0" 206B

16 TOILET ELEVATION
3/8" = 1'-0" 206B



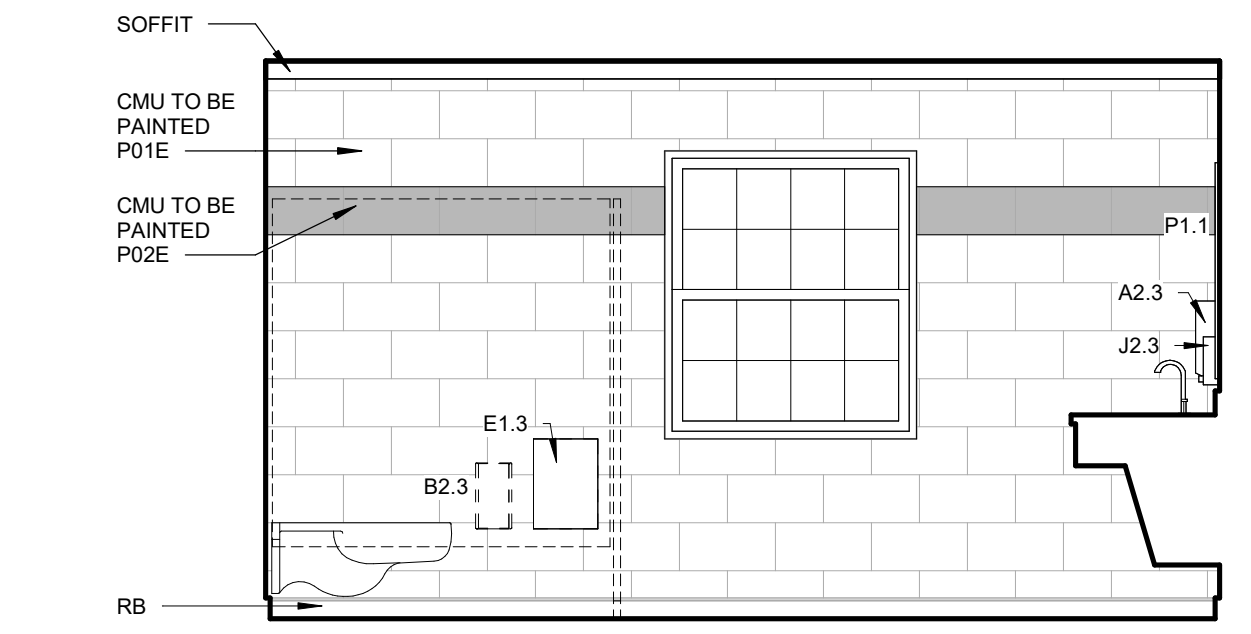
17 TOILET ELEVATION
3/8" = 1'-0" 113B

18 TOILET ELEVATION
3/8" = 1'-0" 113B

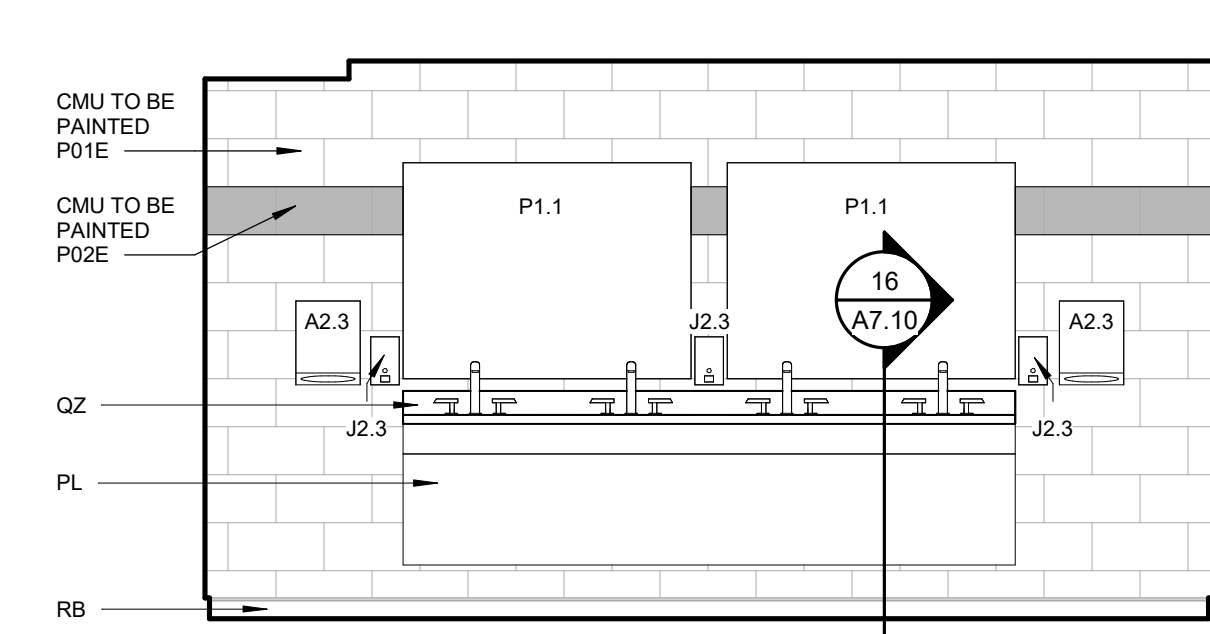


19 TOILET ELEVATION
3/8" = 1'-0" 113B

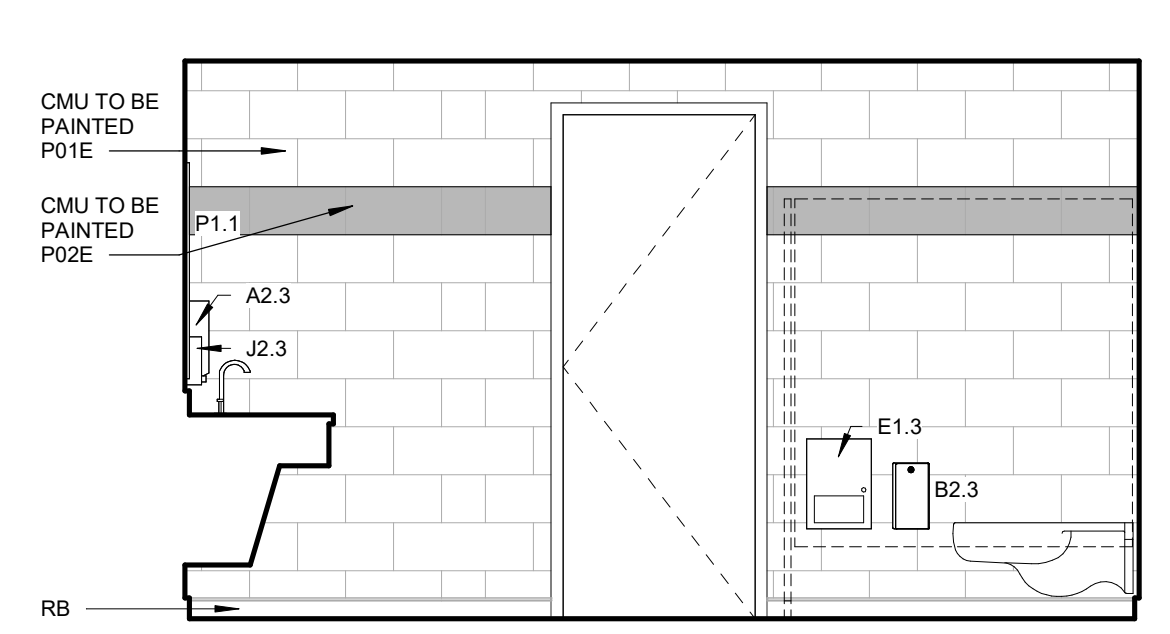
20 TOILET ELEVATION
3/8" = 1'-0" 113B



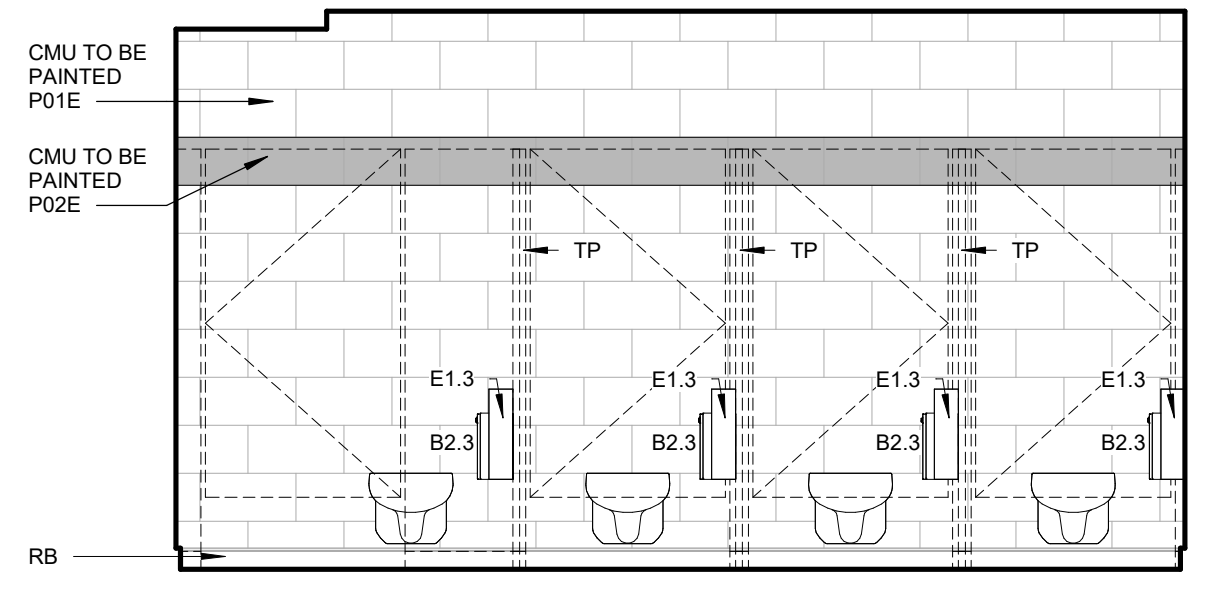
01 TOILET ELEVATION
3/8" = 1'-0" 114



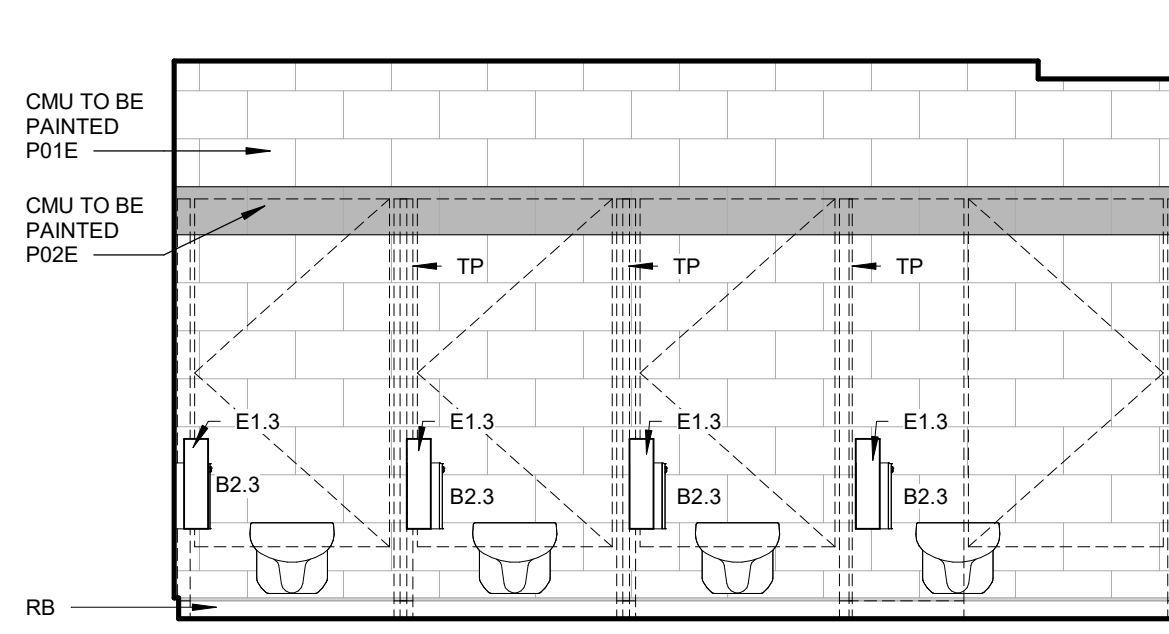
02 TOILET ELEVATION
3/8" = 1'-0" 114



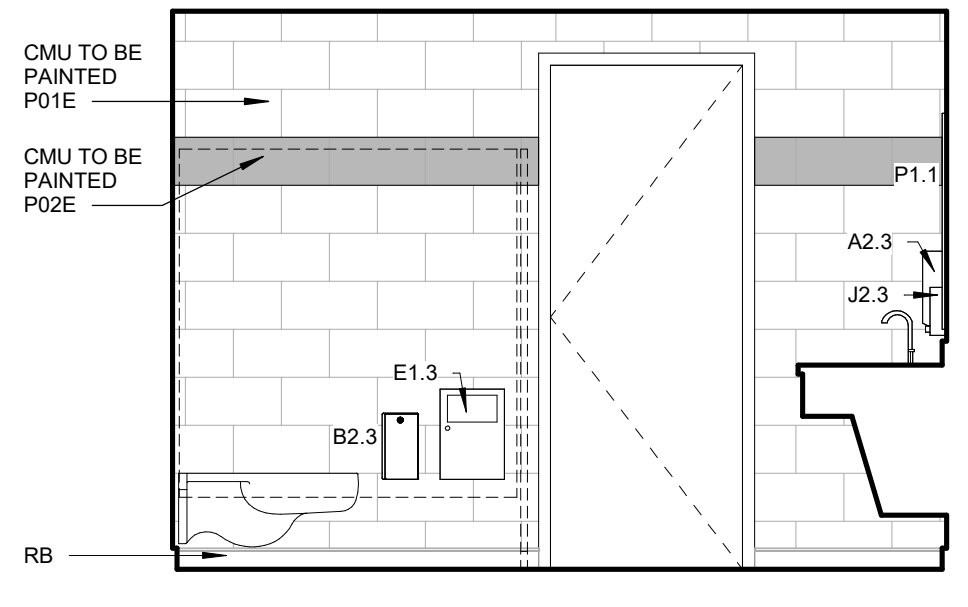
03 TOILET ELEVATION
3/8" = 1'-0" 114



05 TOILET ELEVATION
3/8" = 1'-0" 104

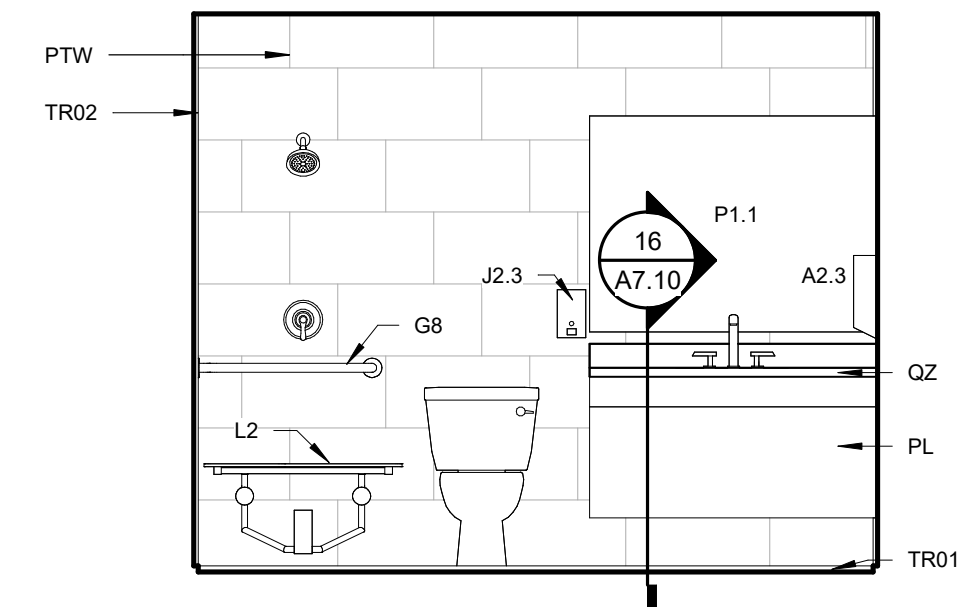


06 TOILET ELEVATION
3/8" = 1'-0" 104

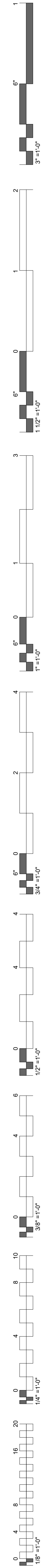


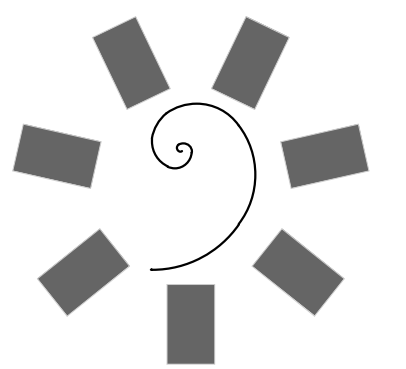
07 TOILET ELEVATION
3/8" = 1'-0" 104

08 TOILET ELEVATION
3/8" = 1'-0" 104



20 TOILET ELEVATION
3/8" = 1'-0" 113B





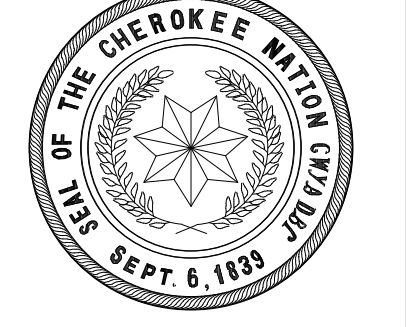
James R. Childers Architect, Inc.
45 South 4th Street
Fort Smith, AR 72901
479-783-2460
www.childersarchitect.com



CONSULTANT LOGO

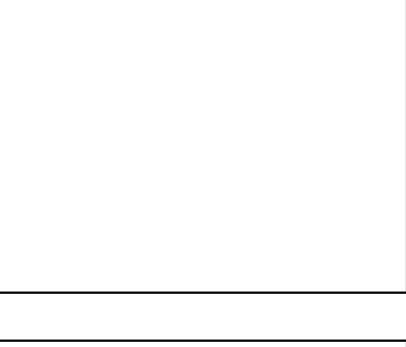


CLIENT



CHEROKEE NATION
ENVIRONMENTAL HEALTH - MARKOMA BUILDING
TAHLEQUAH, OKLAHOMA

KEY PLAN



PROJECT PHASE
100% CONSTRUCTION DOCUMENTS

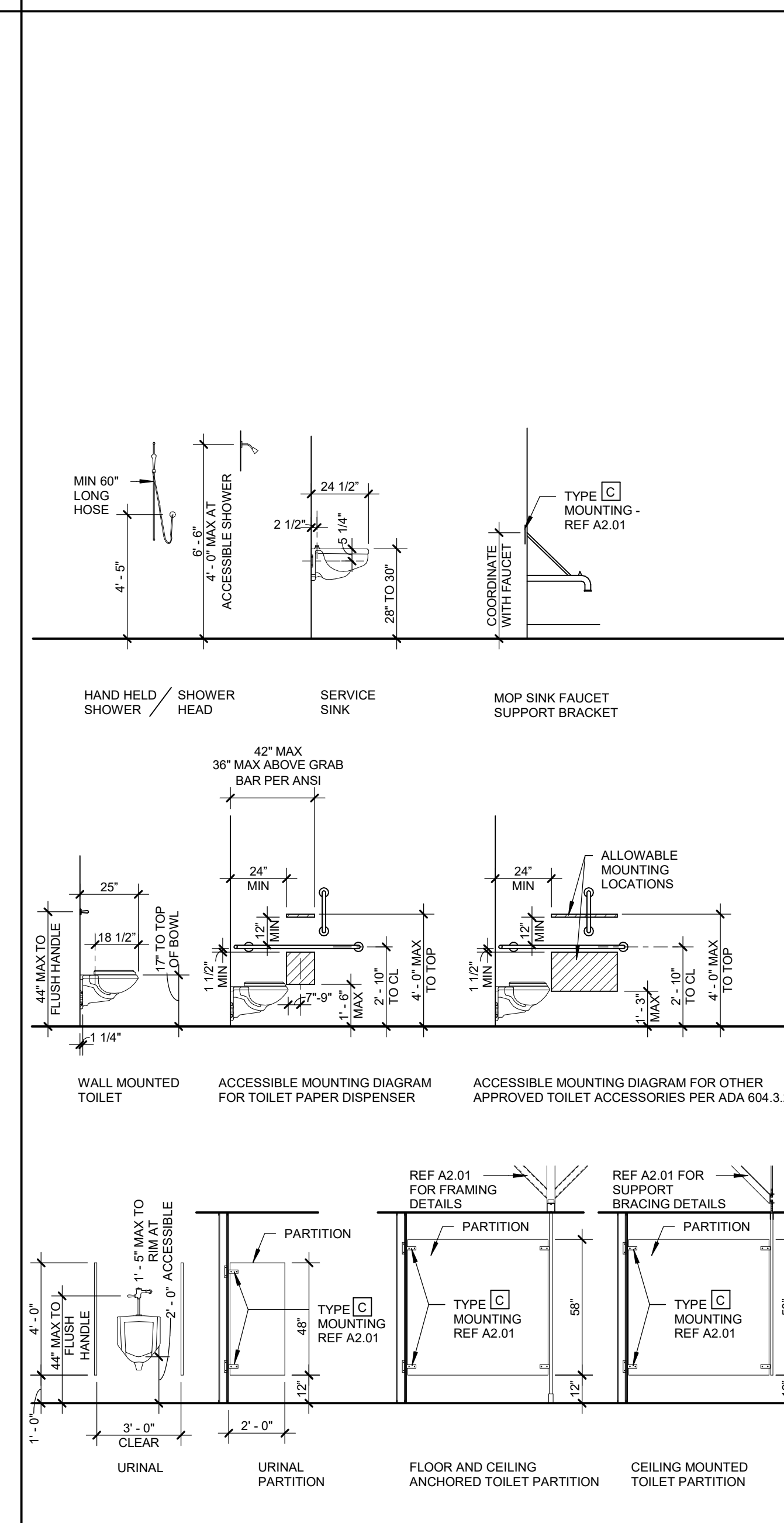
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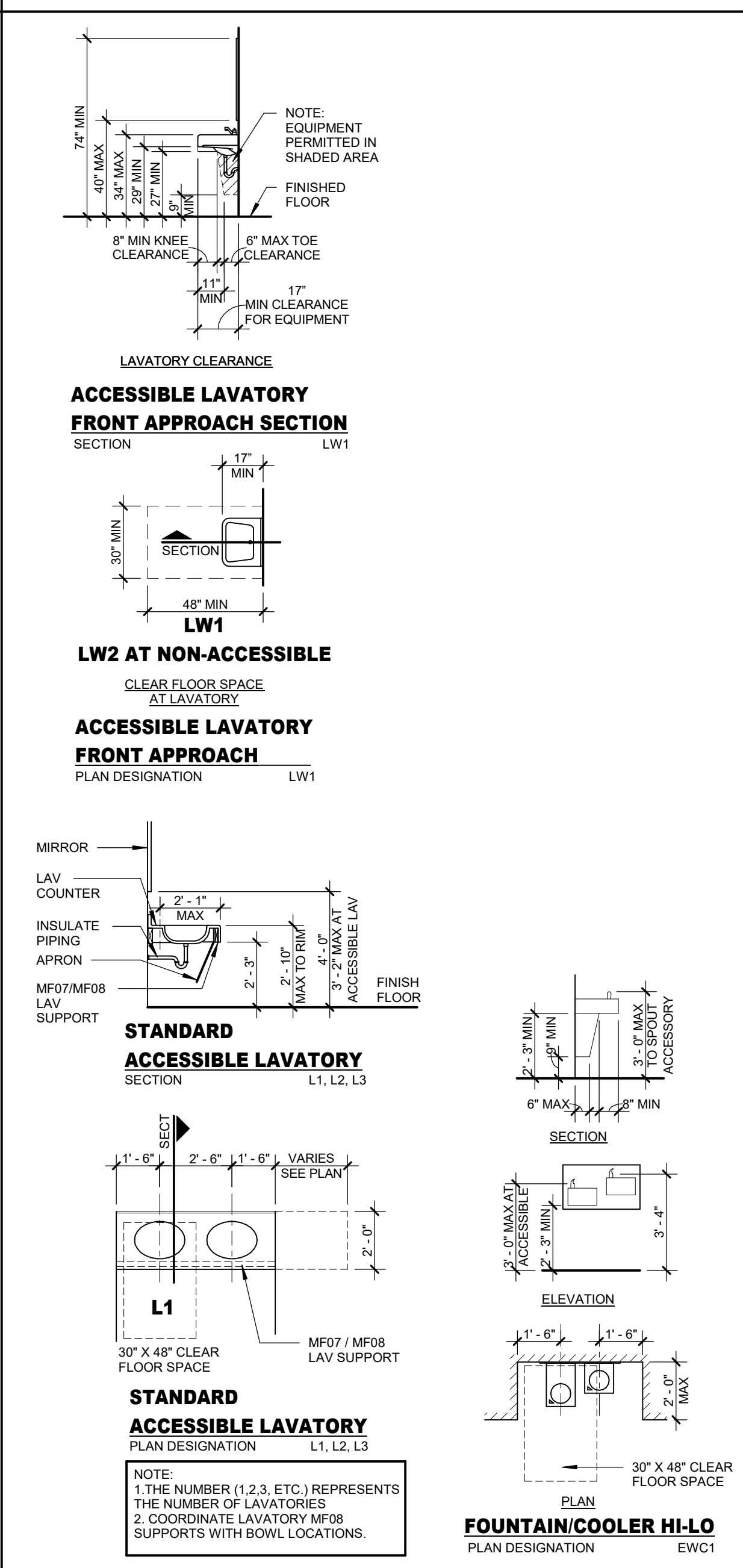
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TOILET ACCESSORIES

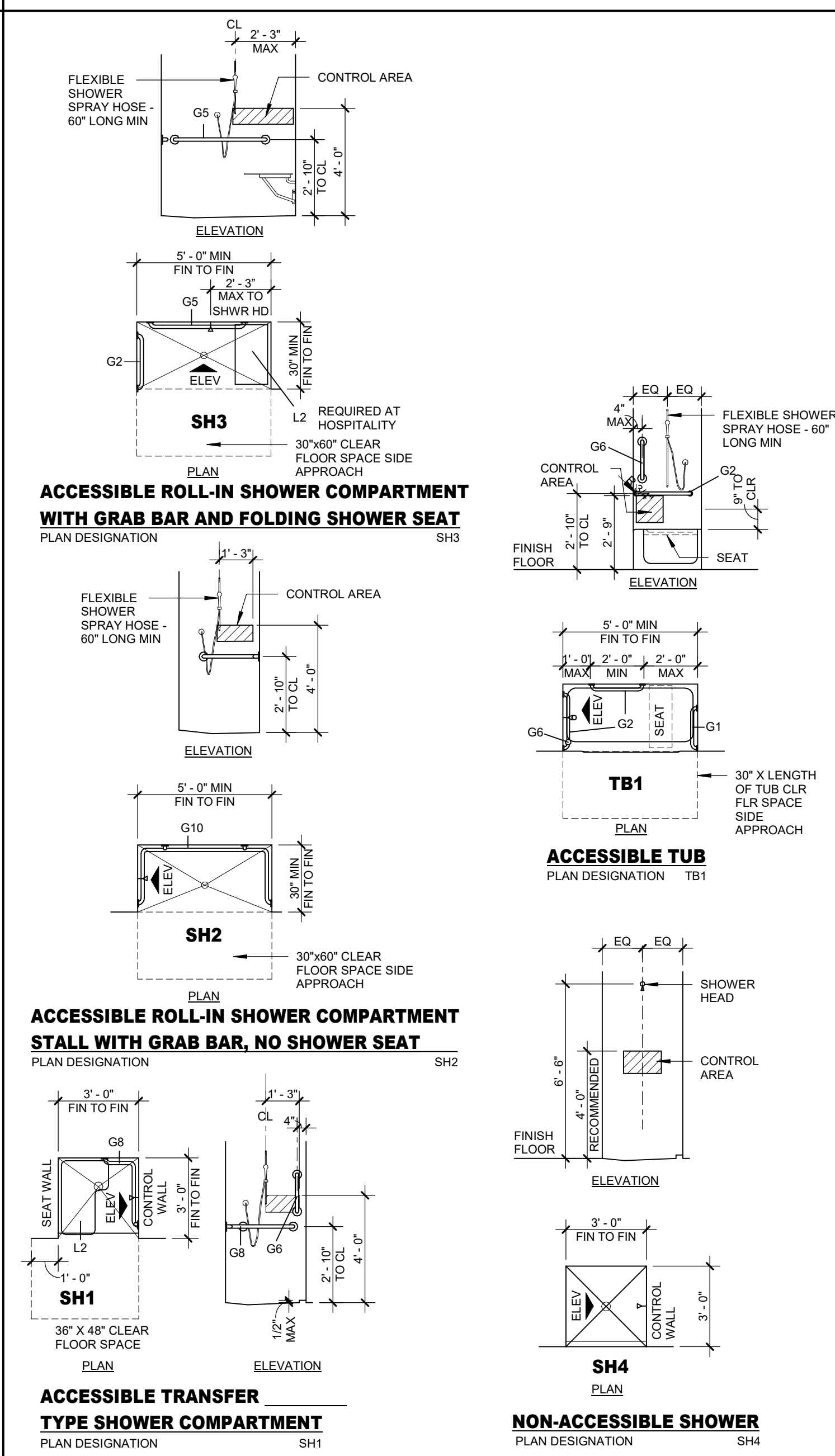
FIXTURE MOUNTING DIAGRAM



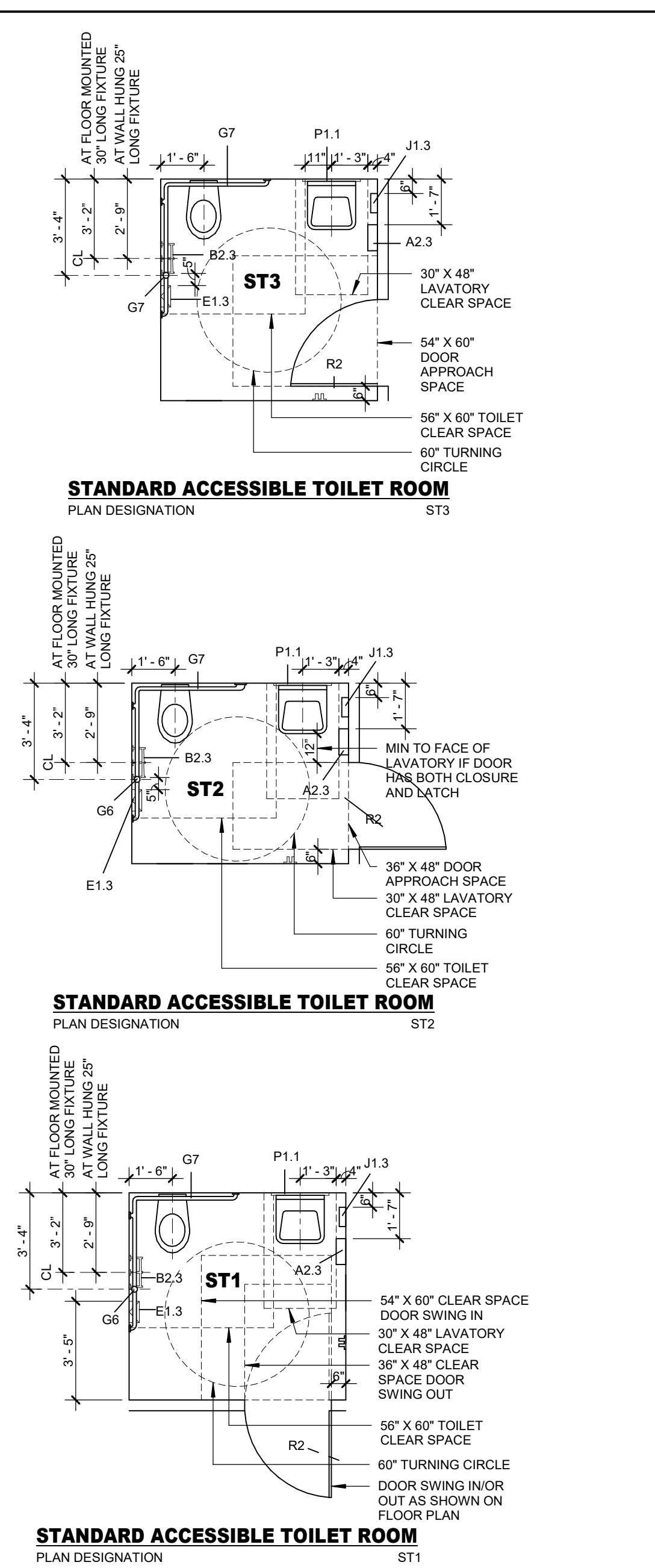
ACCESSIBLE LAVATORIES / EWC



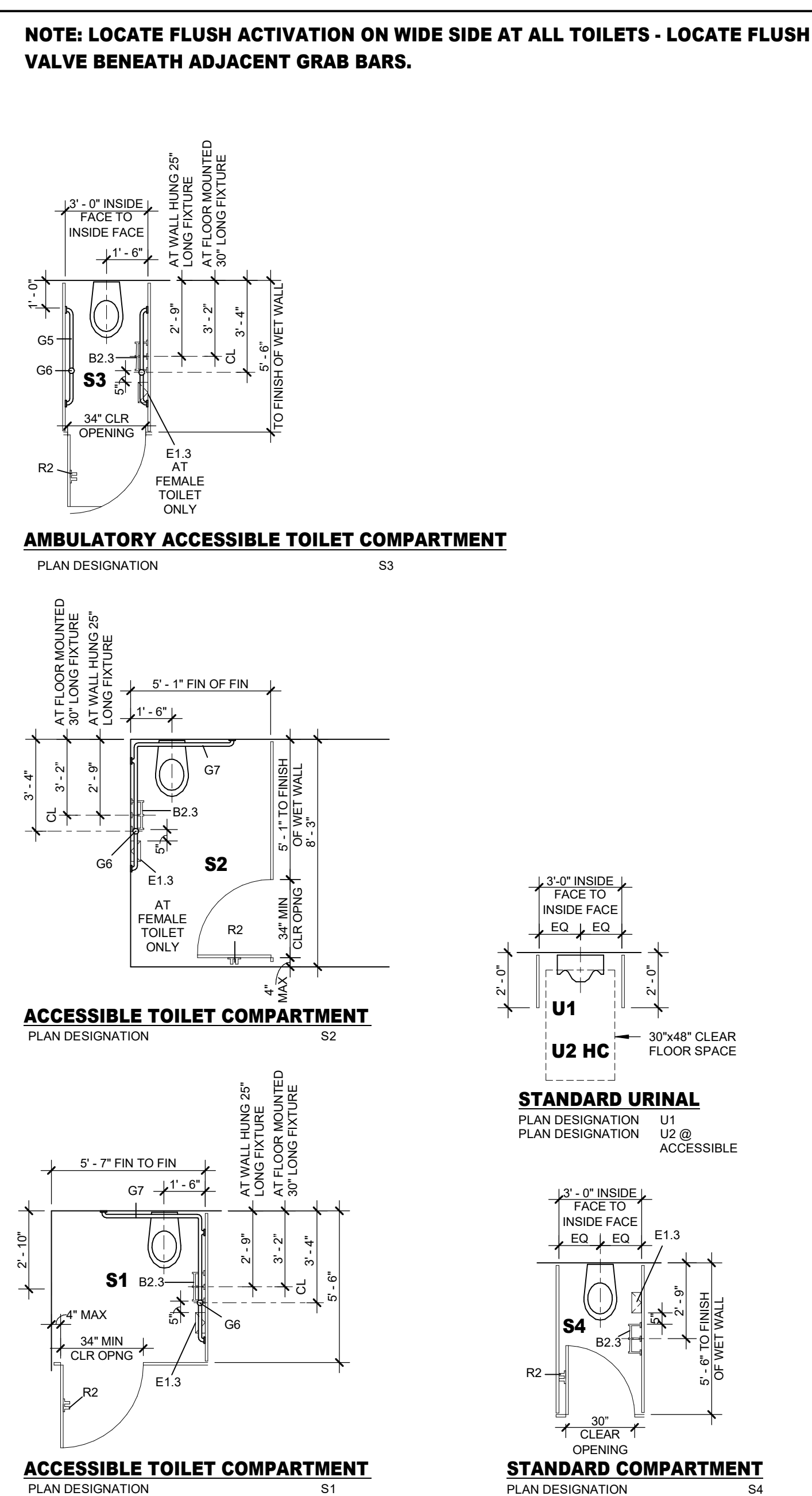
SHOWER / TUB LAYOUTS



STANDARD TOILET LAYOUTS



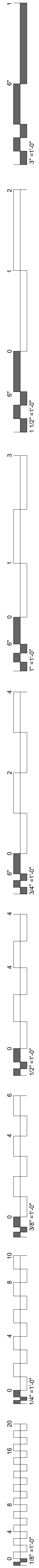
TOILET STALLS



TOILET ACCESSORY MOUNTING DIAGRAM

Large table detailing mounting specifications for various toilet accessories including paper towel dispensers, tissue dispensers, waste receptacles, napkin dispensers, grab bars, soap dispensers, soap dishes, folding shower seats, changing stations, shelves, mirrors, hand dryers, robe hooks, towel bars, sanitizer dispensers, mop and broom holders, and wash cloth holders.

NOTE:
1. ACCESSORIES CAN APPEAR ON FLOOR PLANS OR INTERIOR ELEVATIONS.
2. THE SHADED PORTIONS ARE NOT INCLUDED IN THE SCOPE OF THE WORK.
3. THE UN-SHADED PORTIONS ARE INTENDED TO BE IN THE SCOPE OF THE WORK.
HATCHING: [Shaded Box] INCLUDED IN SCOPE OF WORK [Unshaded Box] NOT INCLUDED IN SCOPE OF WORK



EXTERIOR FINISH LEGEND

FIBER CEMENT SIDING

FC01: MANUFACTURER: JAMES HARDIE
 TYPE: HARDBLEPLANK LAP SIDING
 SIZE: MATCH EXISTING
 FINISH: SMOOTH, STAINED AND SEALED

FIBER CEMENT SOFFIT

S01: MANUFACTURER: JAMES HARDIE
 TYPE: HARDIESOFFIT PANEL
 FINISH: BEADED PORCH PANEL

SHUTTERS

SH01: MANUFACTURER: FYPON
 STYLE: LOUVERED SHUTTER WITH CENTER RAIL
 SIZE: 16" X 72"
 COLOR: TO BE PAINTED EP02

SH02: MANUFACTURER: FYPON
 STYLE: LOUVERED SHUTTER WITH CENTER RAIL
 SIZE: 12" X 48"
 COLOR: TO BE PAINTED EP02

ASPHALT SHINGLES

AS01: MANUFACTURER: ATLAS
 TYPE: GLASSMASTER
 COLOR: PEWTER

COLUMN WRAP

CW01: MANUFACTURER: MELTON CLASSICS
 TYPE: COLUMN WRAP
 PRODUCT: CM #500
 COLOR: TO BE PAINTED EP02

PAINT

BRICK & FIBER CEMENT SIDING

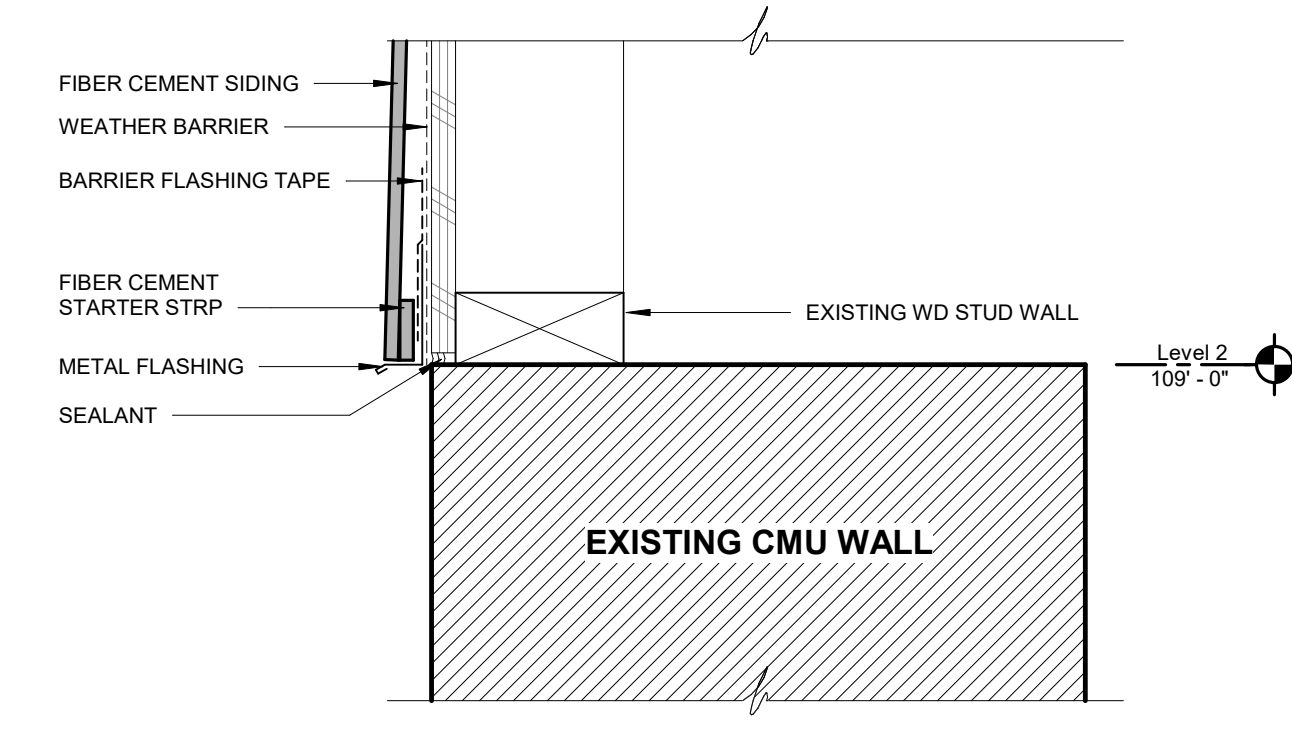
EP01: MANUFACTURER: SHERWIN WILLIAMS
 PRODUCTS: FIRST COAT: S-W LOXON CONCRETE & MASONRY PRIMER, LK02W0050
 SECOND COAT: S-W A-100 EXTERIOR LATEX SATIN, AR2W00151
 THIRD COAT: S-W A-100 EXTERIOR LATEX SATIN, AR2W00151
 COLOR: PURE WHITE SW7005

SHUTTERS AND EXPOSED STEEL

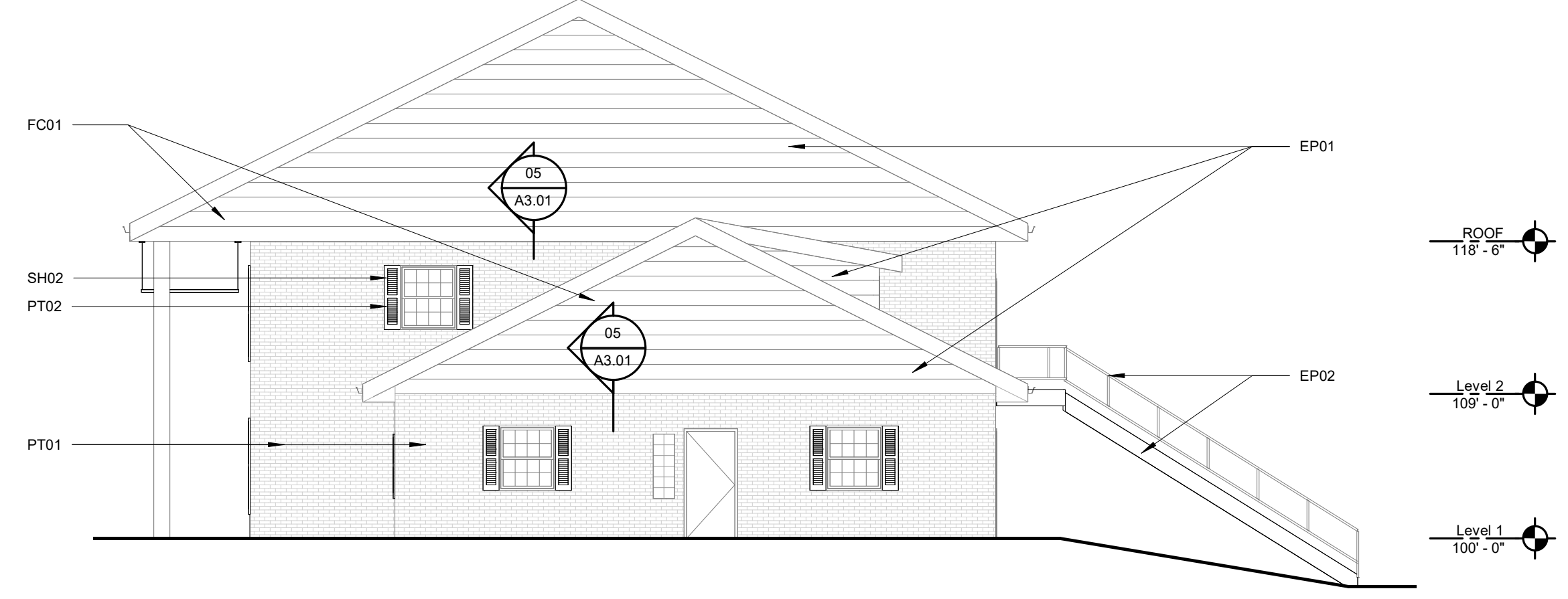
EP02: MANUFACTURER: SHERWIN WILLIAMS
 PRODUCTS: FIRST COAT: S-W PREPRITE PROBLOCK INTERIOR EXTERIOR LATEX PRIMER/ SEALER, B51W00620
 SECOND COAT: S-W A-100 EXTERIOR LATEX SATIN, AR2W00151
 THIRD COAT: S-W A-100 EXTERIOR LATEX SATIN, AR2W00151
 COLOR: SEALSKIN SW7675

EXTERIOR FINISH LEGEND

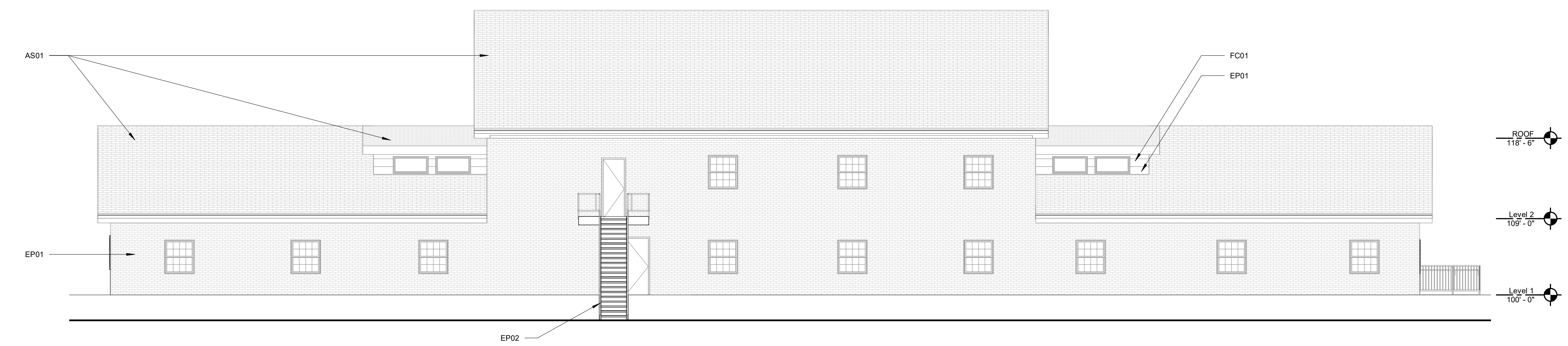
- EXISTING BRICK TO BE PAINTED
- NEW FIBER CEMENT SIDING
- ASPHALT SHINGLES



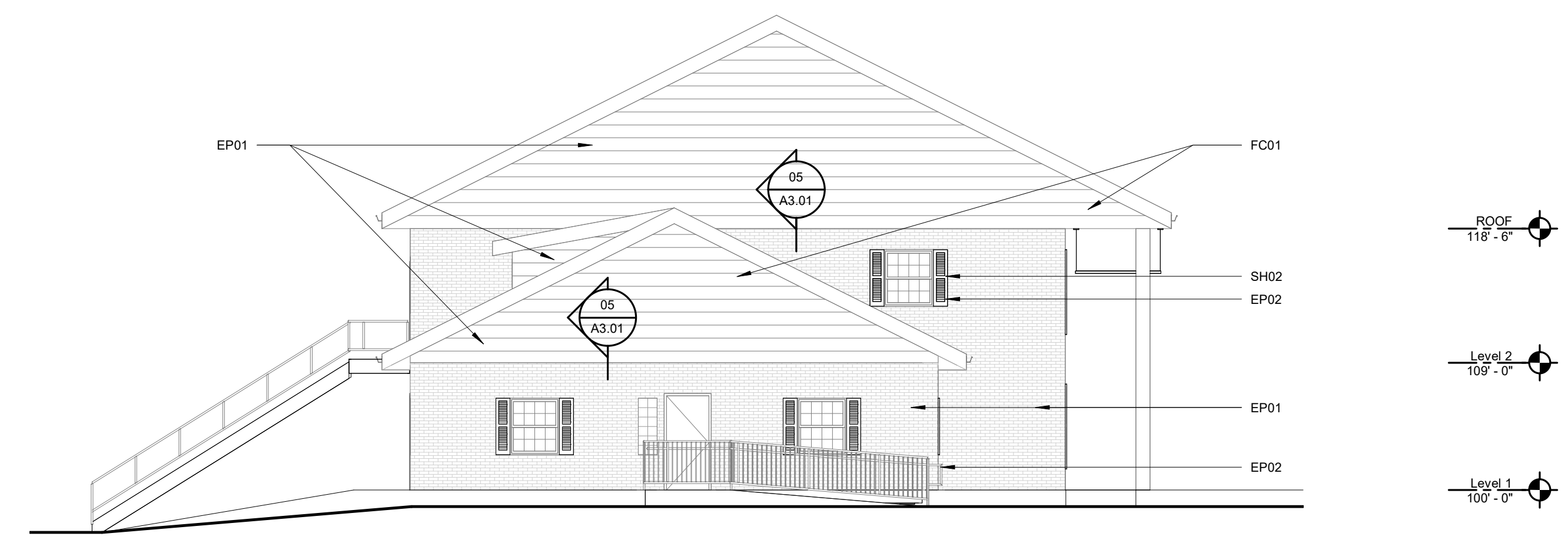
05 TYPICAL TRANSITION DETAIL
 3" = 1'-0"



04 SOUTH ELEVATION
 1/8" = 1'-0"



03 EAST ELEVATION
 1/8" = 1'-0"

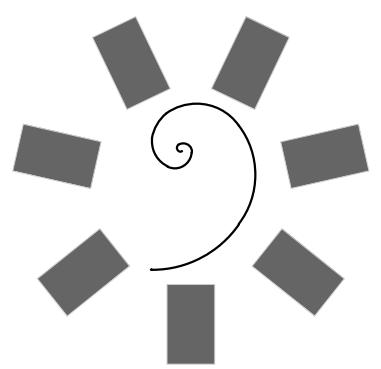


02 NORTH ELEVATION
 1/8" = 1'-0"

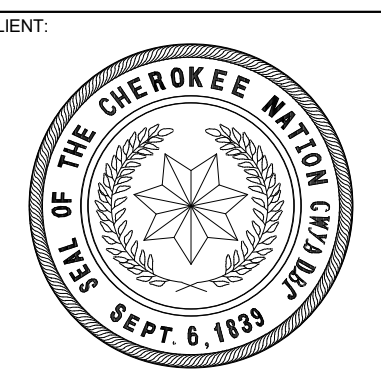


01 WEST ELEVATION
 1/8" = 1'-0"

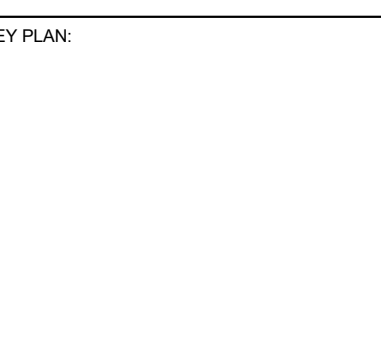
#	DATE	REVISIONS DESCRIPTION



**James R. Childers
Architect, Inc.**
45 South 4th Street
Fort Smith, AR 72901
479-783-2450
www.childersarchitect.com



**CHEROKEE NATION
ENVIRONMENTAL HEALTH - MARKOMA BUILDING
TAHLEQUAH, OKLAHOMA**



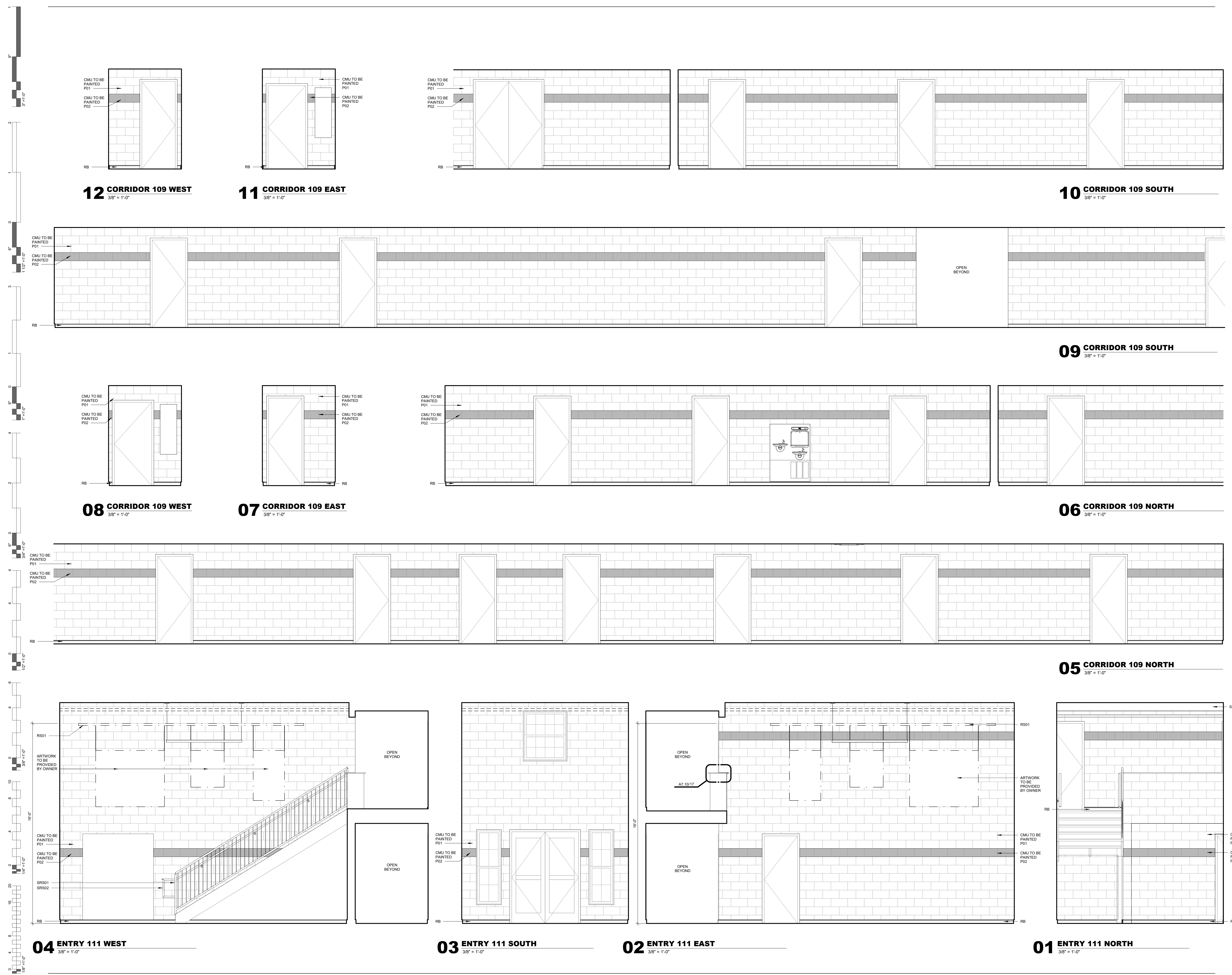
PROJECT PHASE:
100% CONSTRUCTION DOCUMENTS

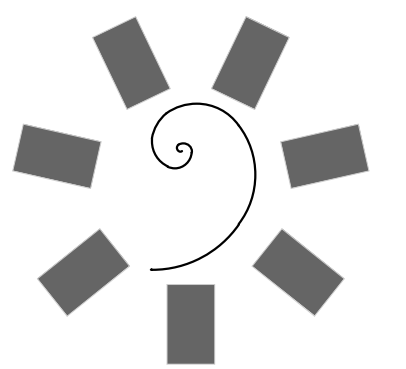
#	DATE	REVISIONS DESCRIPTION

DATE: 09/21/2020 JOB NUMBER: 18-01.14

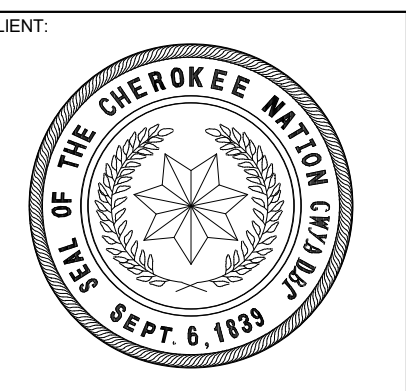
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INTERIOR ELEVATIONS

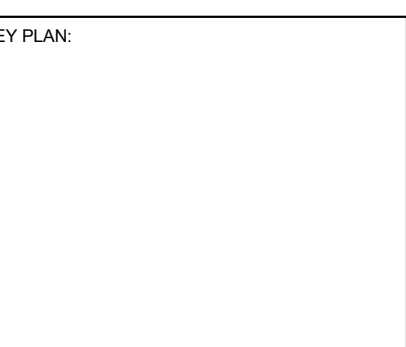




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479-783-2450
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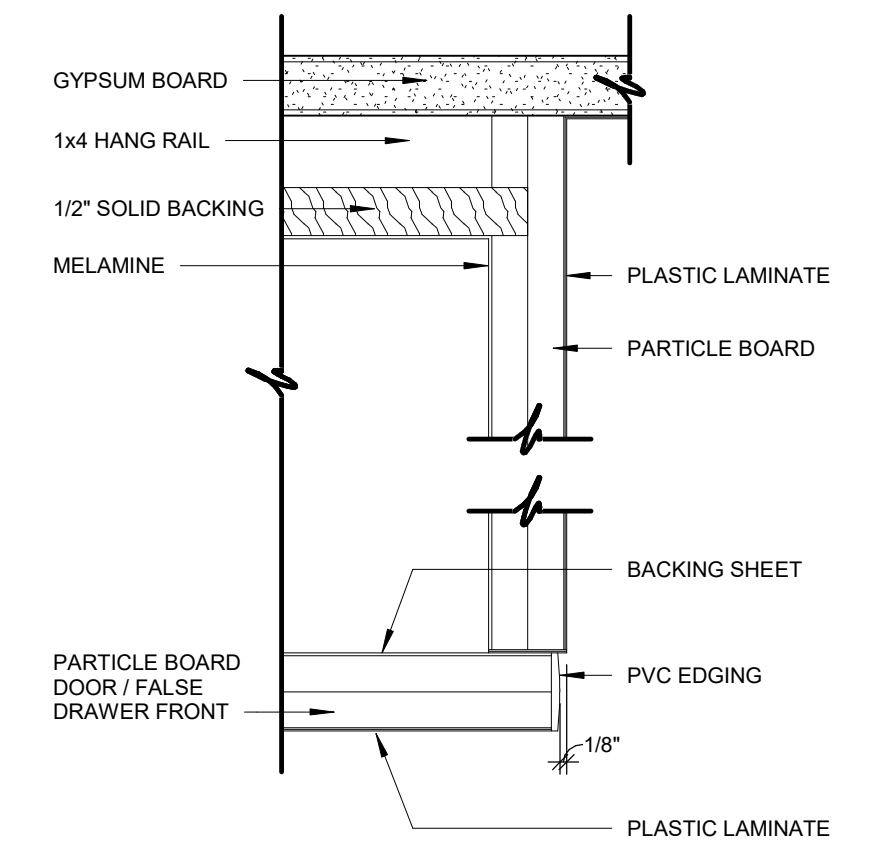
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#	DATE	REVISIONS DESCRIPTION

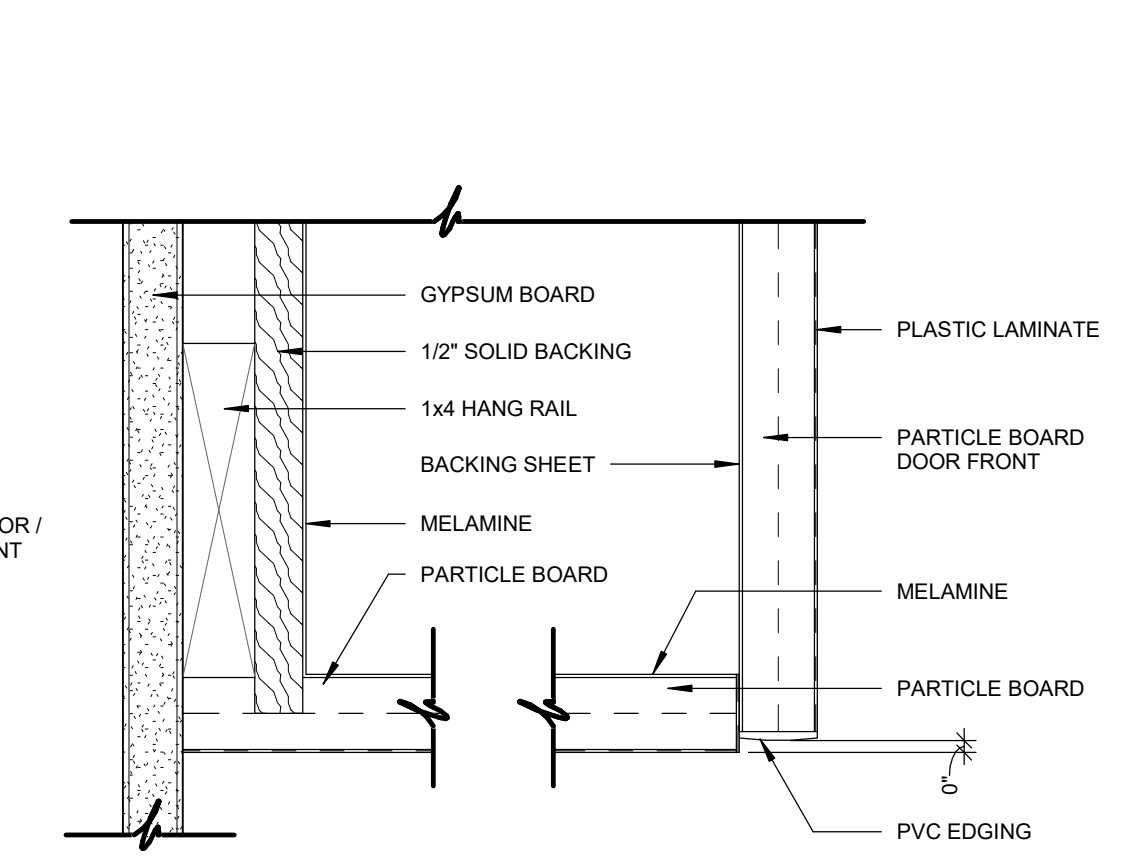
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SHEET NUMBER: A7.10

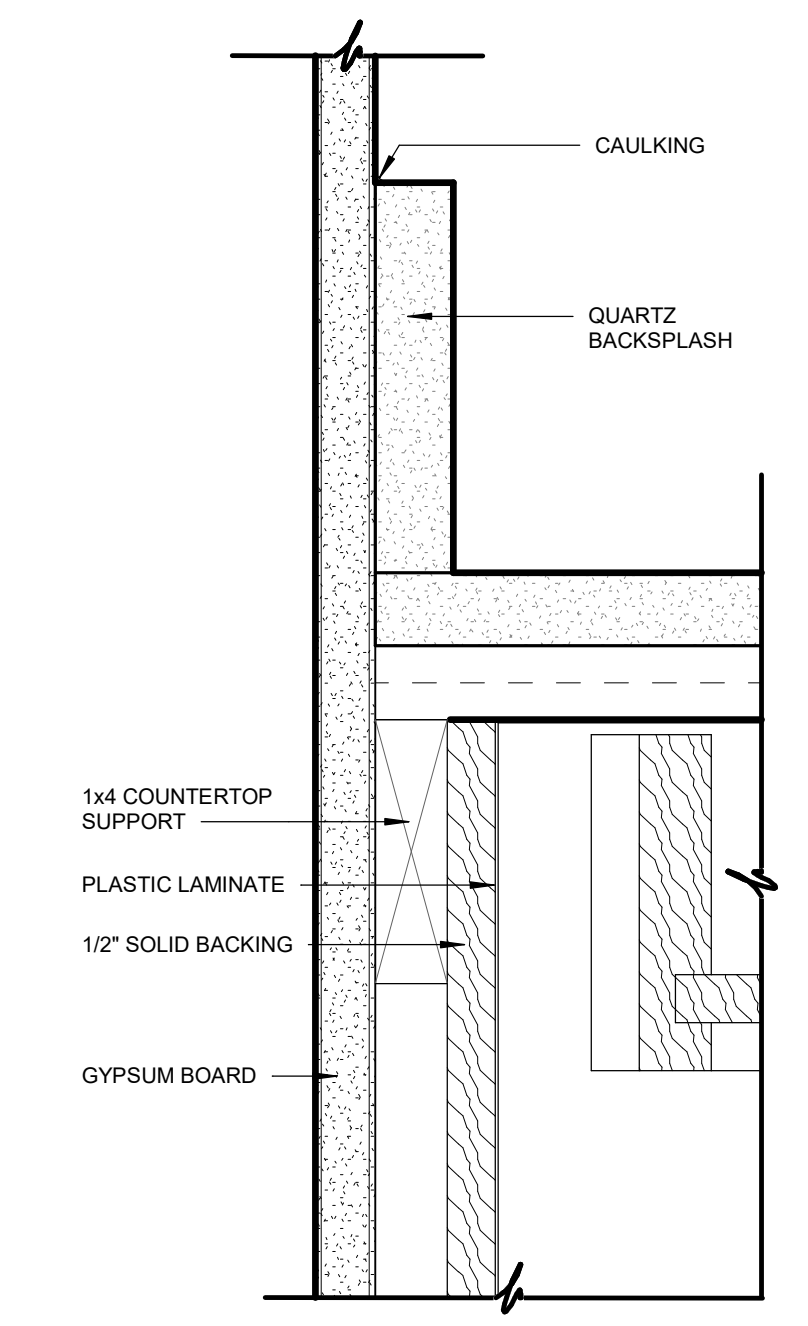
MILLWORK ELEVATIONS, SECTIONS & DETAILS



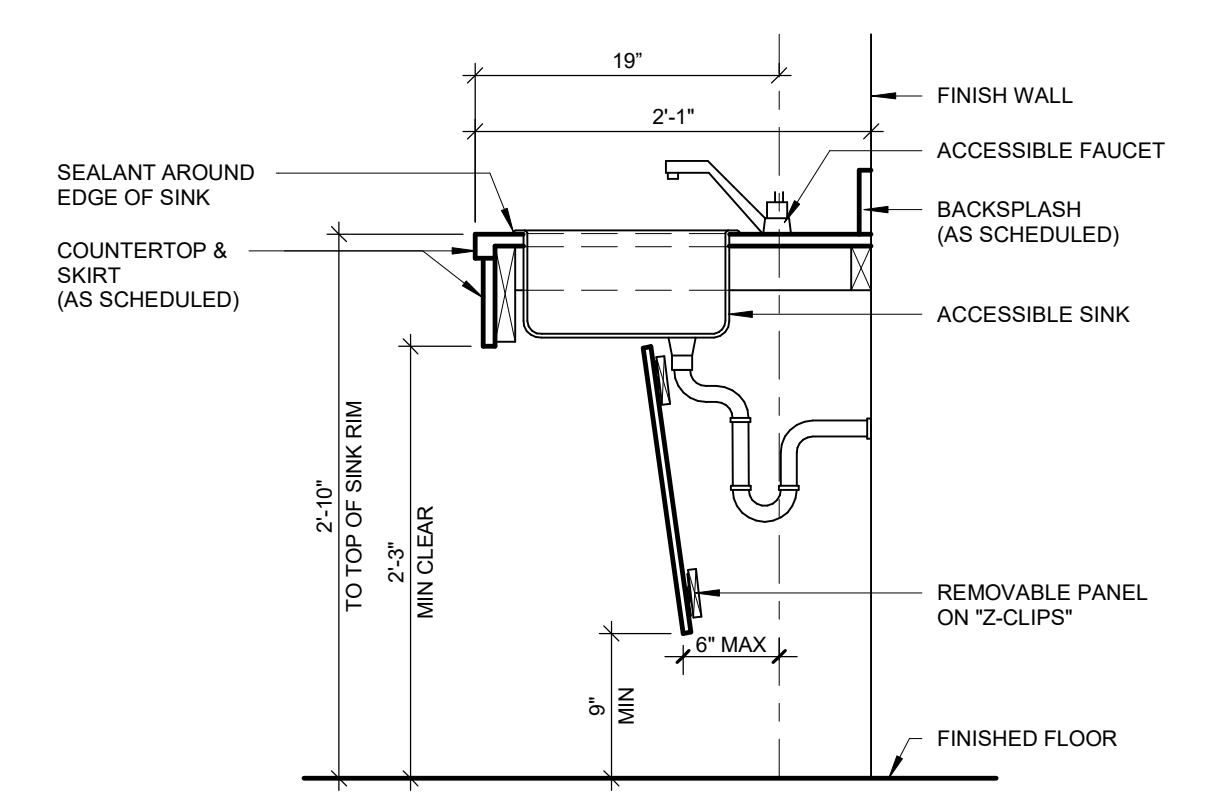
13 DRAWER AT FINISHED END SECTION
6" = 1'-0"



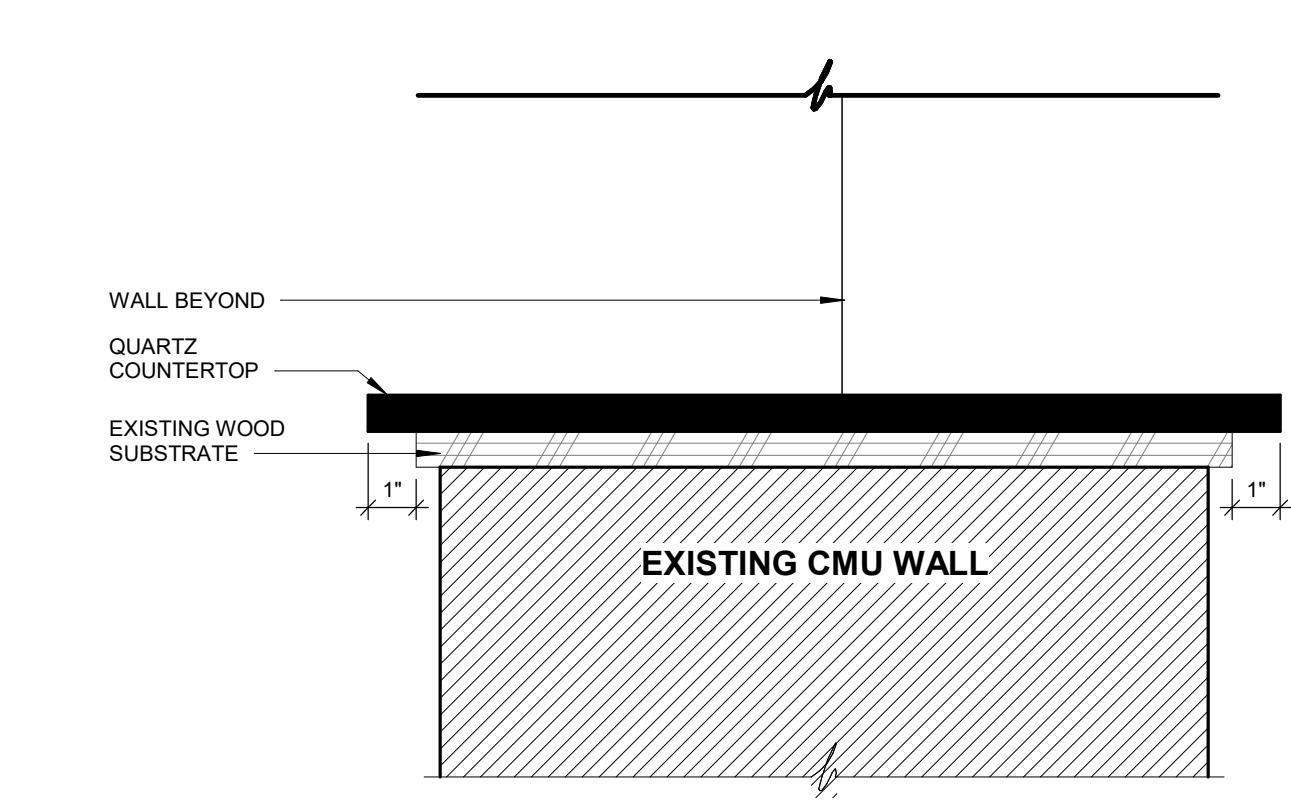
14 WALL CABINET AT BOTTOM
6" = 1'-0"



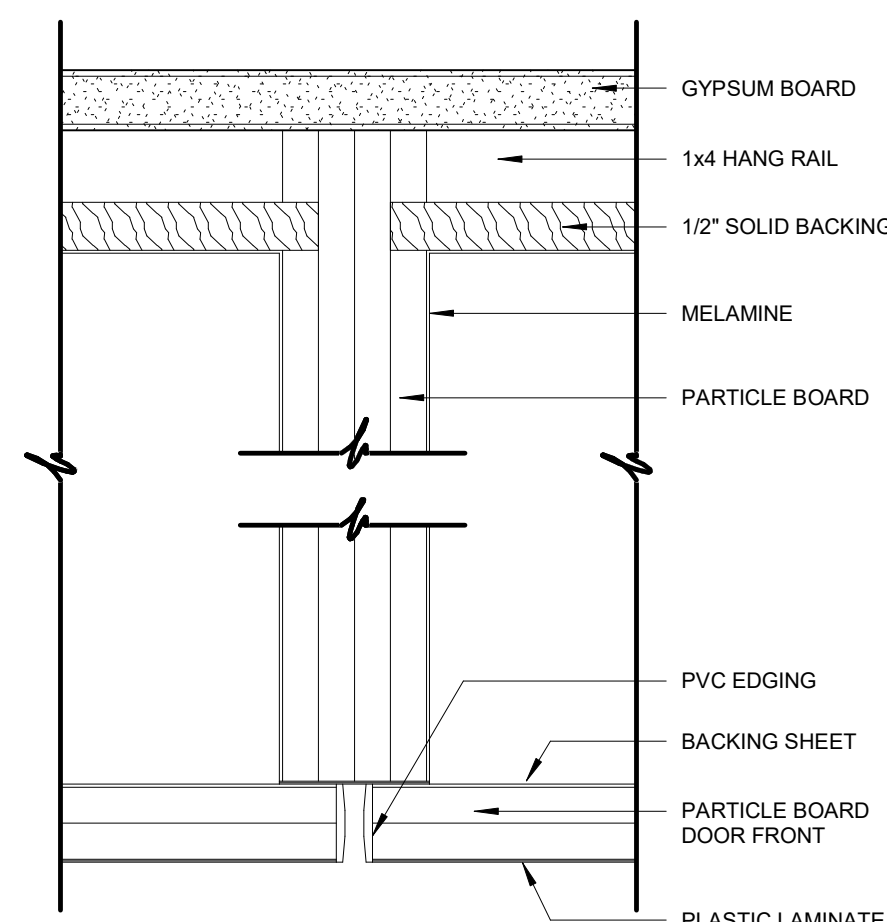
15 COUNTERTOP AT DRAWER
6" = 1'-0"



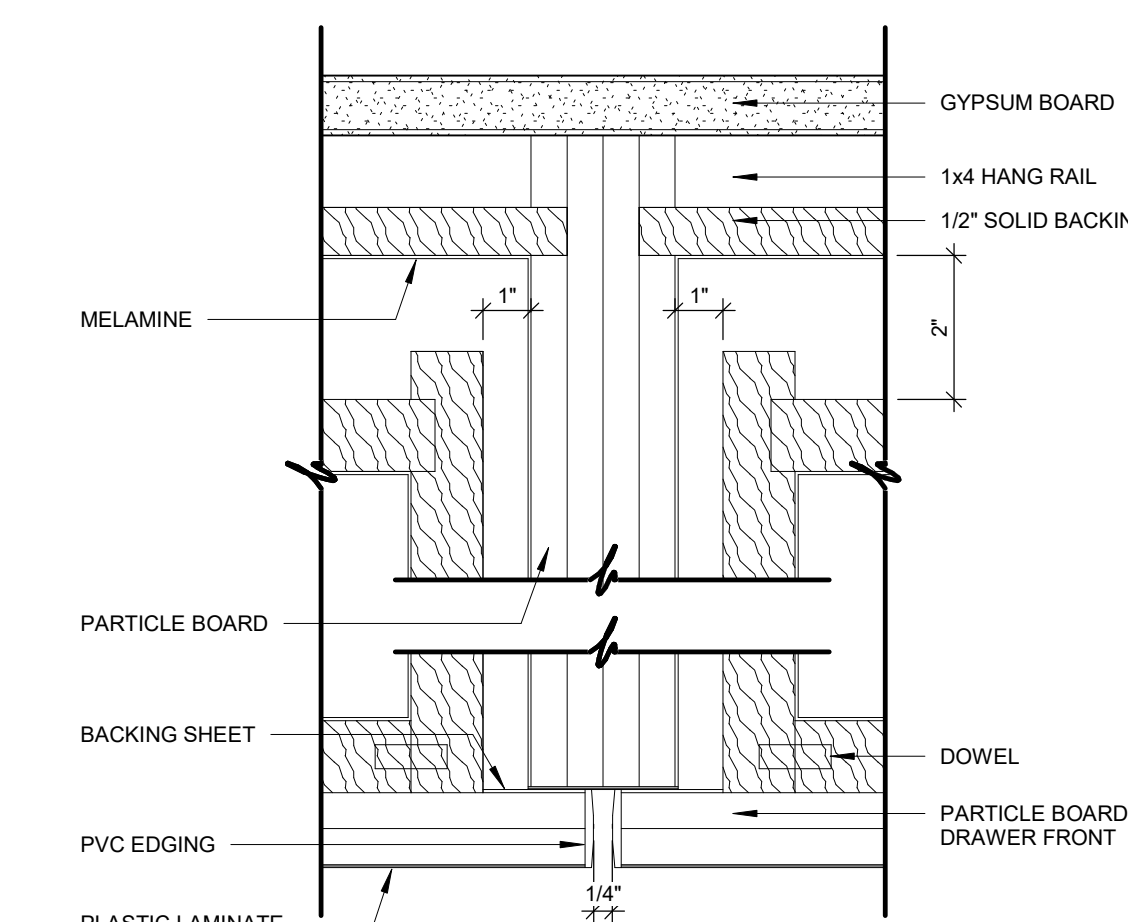
16 SECTION @ ACCESSIBLE SINK
1" = 1'-0"



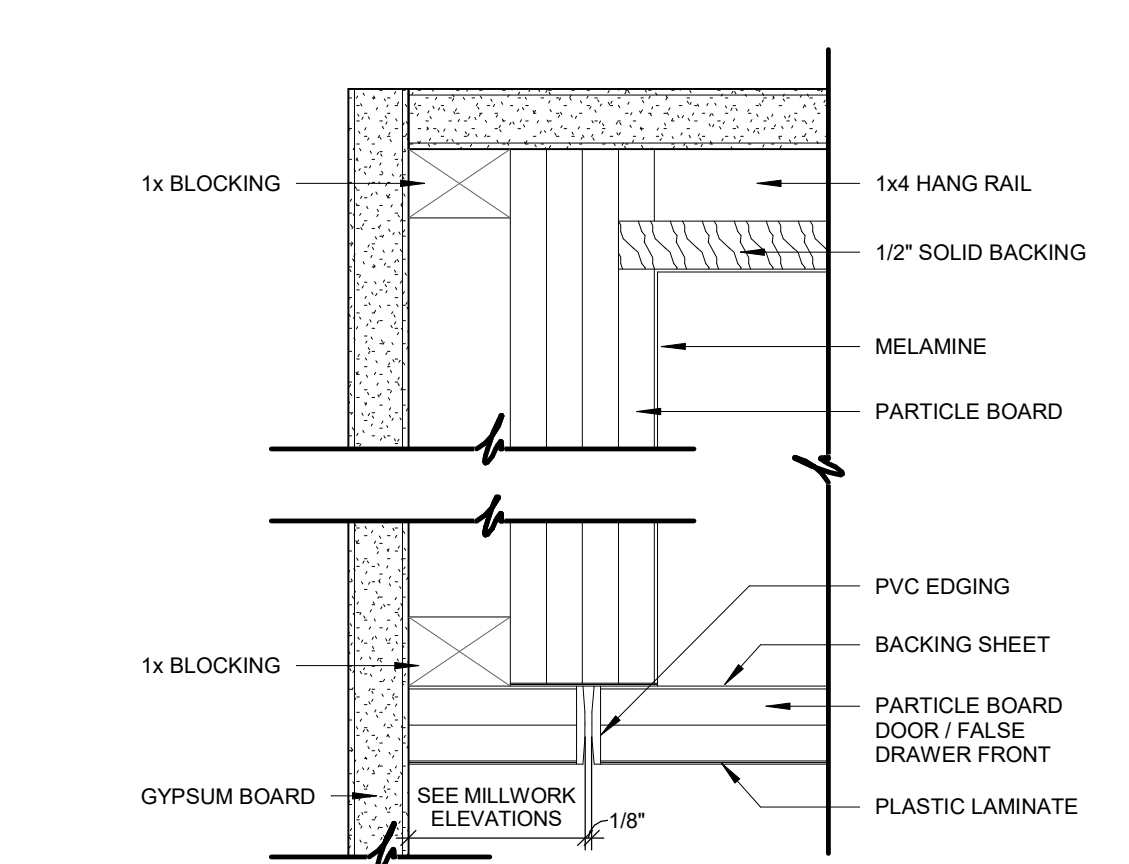
17 HALF WALL SECTION DETAIL
3" = 1'-0"



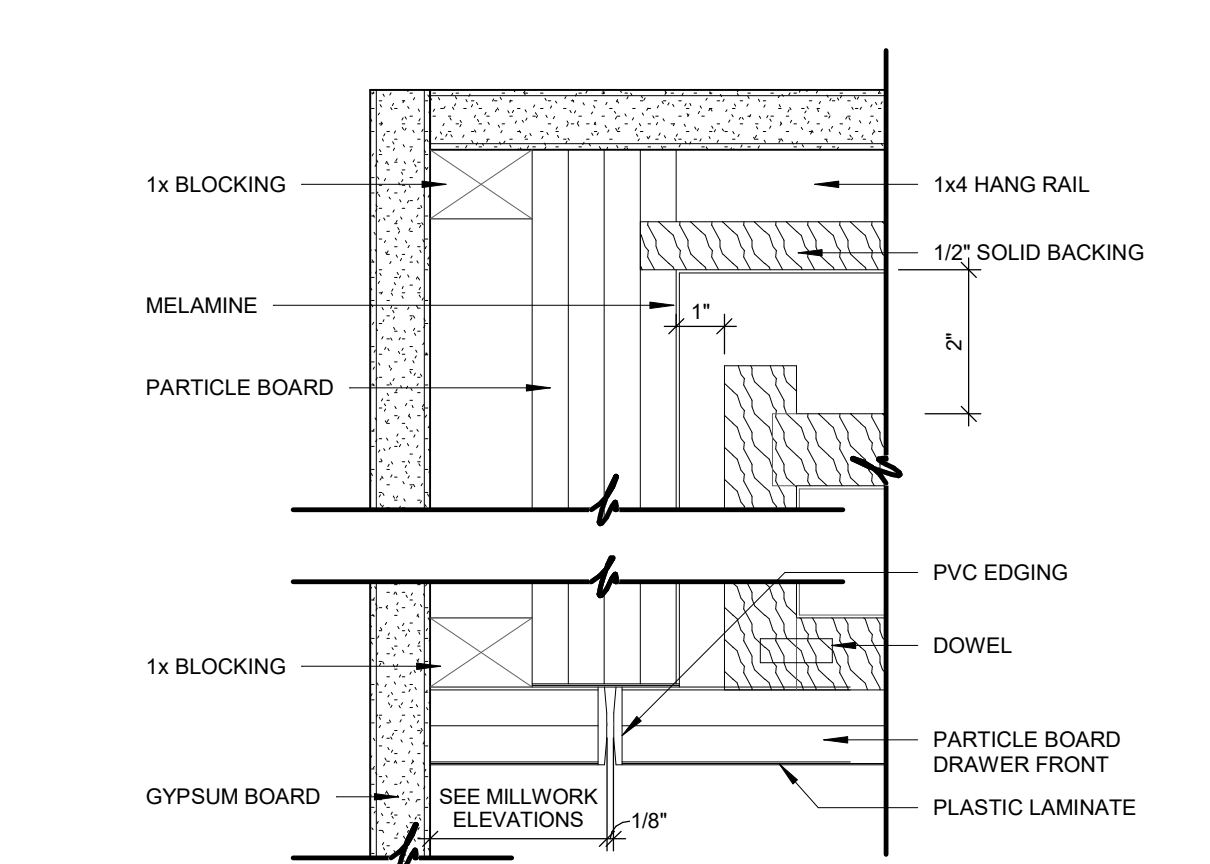
08 CABINET TO CABINET SECTION
6" = 1'-0"



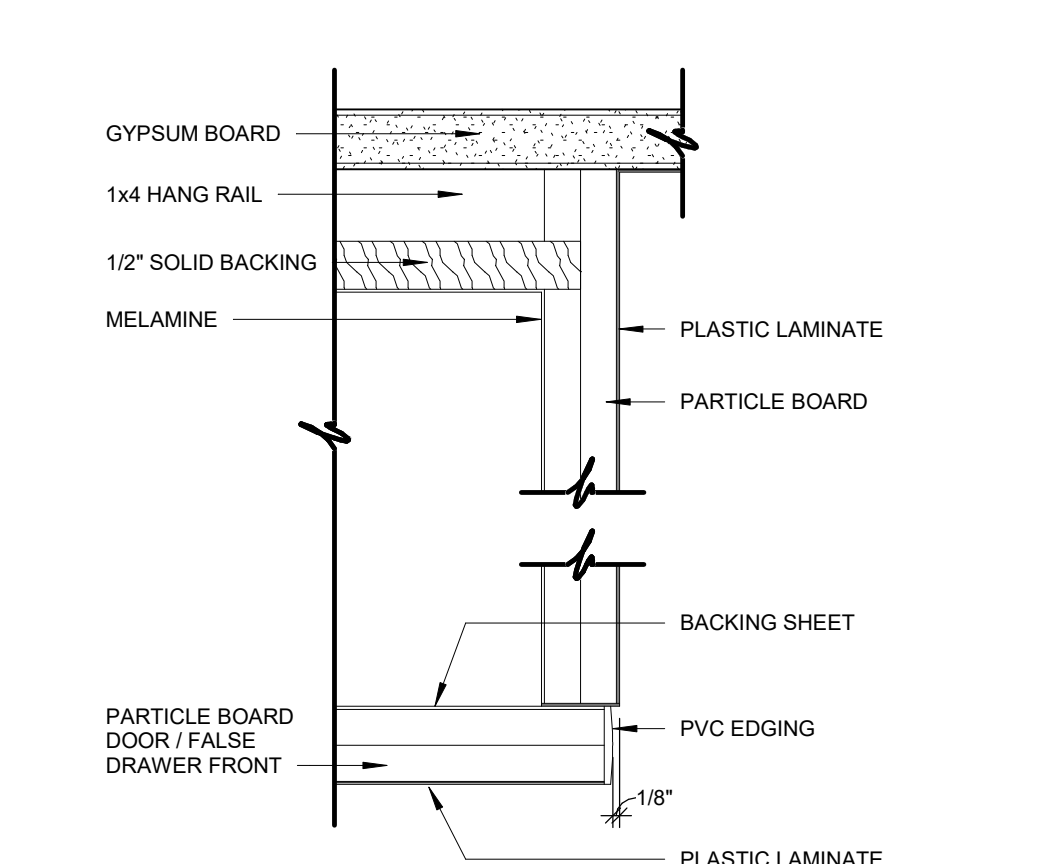
09 CABINET TO CABINET SECTION
6" = 1'-0"



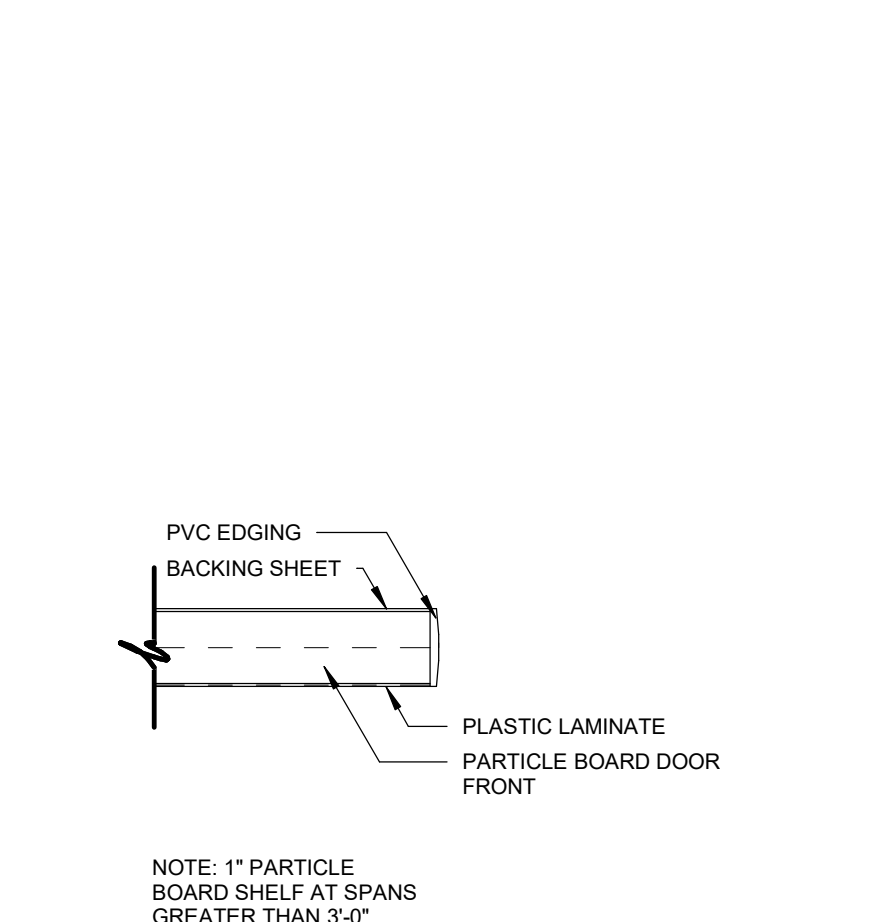
10 DOOR SECTION
6" = 1'-0"



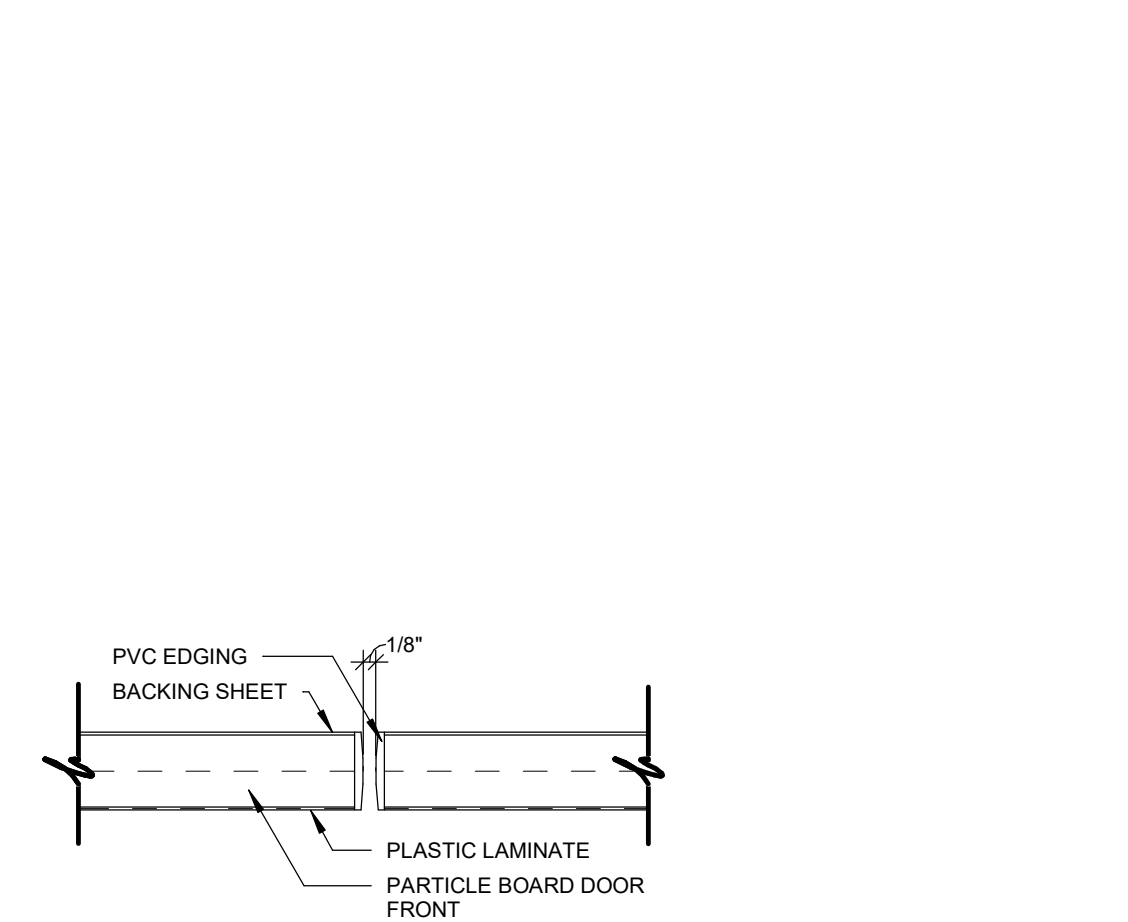
11 DRAWER SECTION
6" = 1'-0"



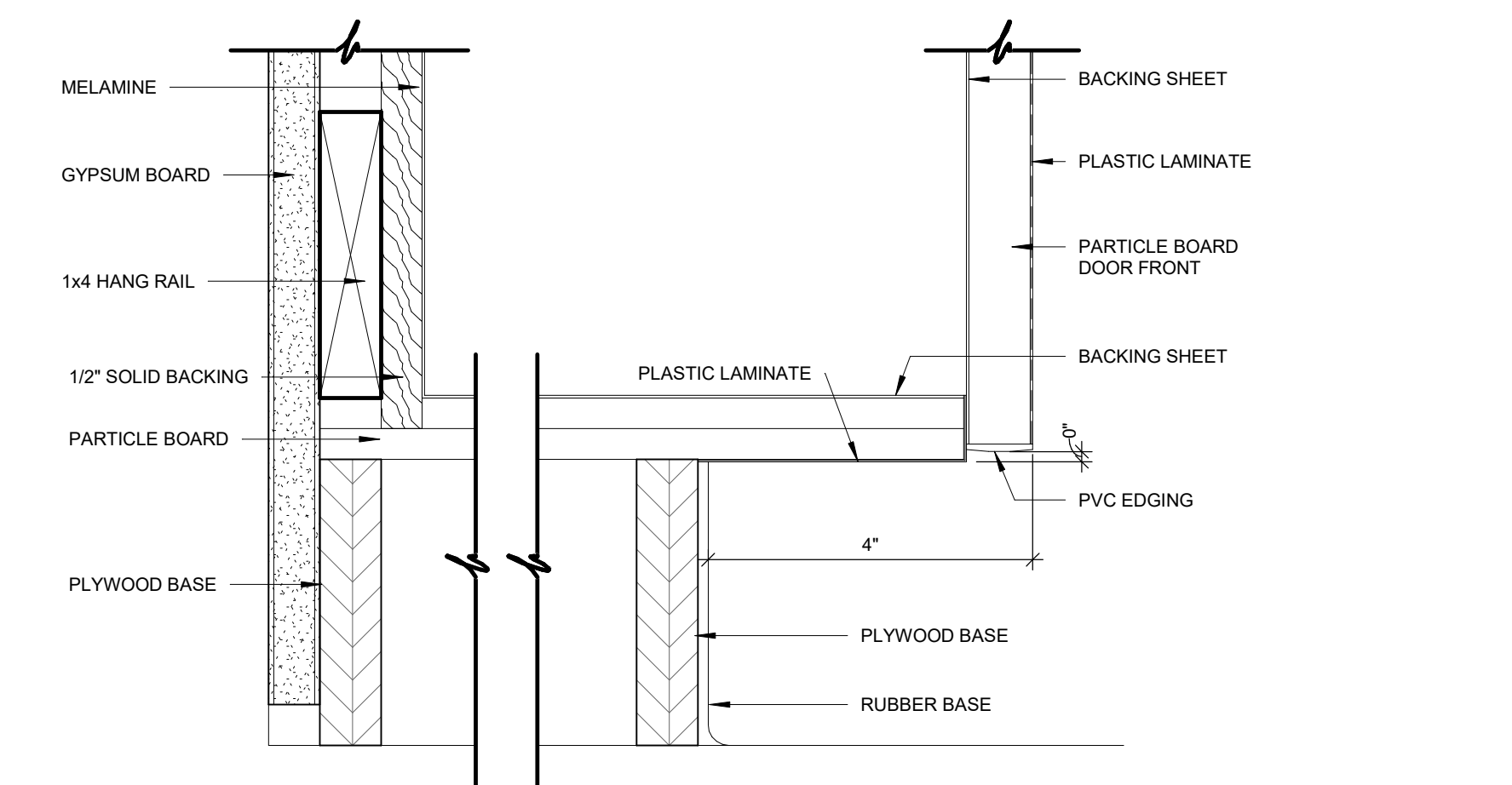
12 DOOR AT FINISHED END SECTION
6" = 1'-0"



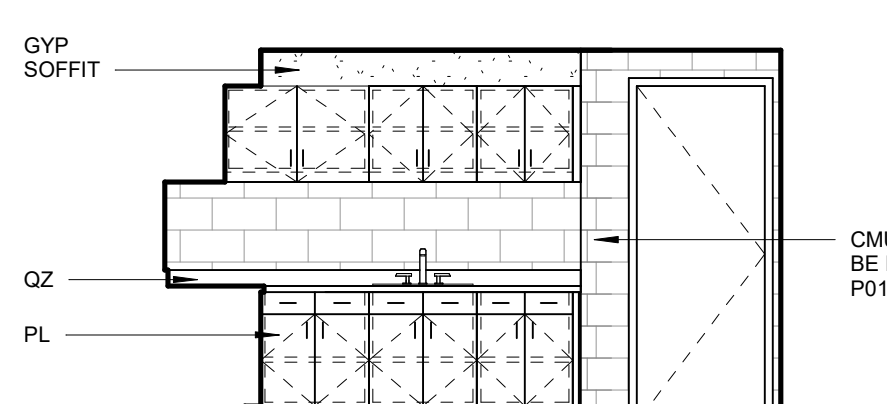
05 SHELF SECTION
6" = 1'-0"



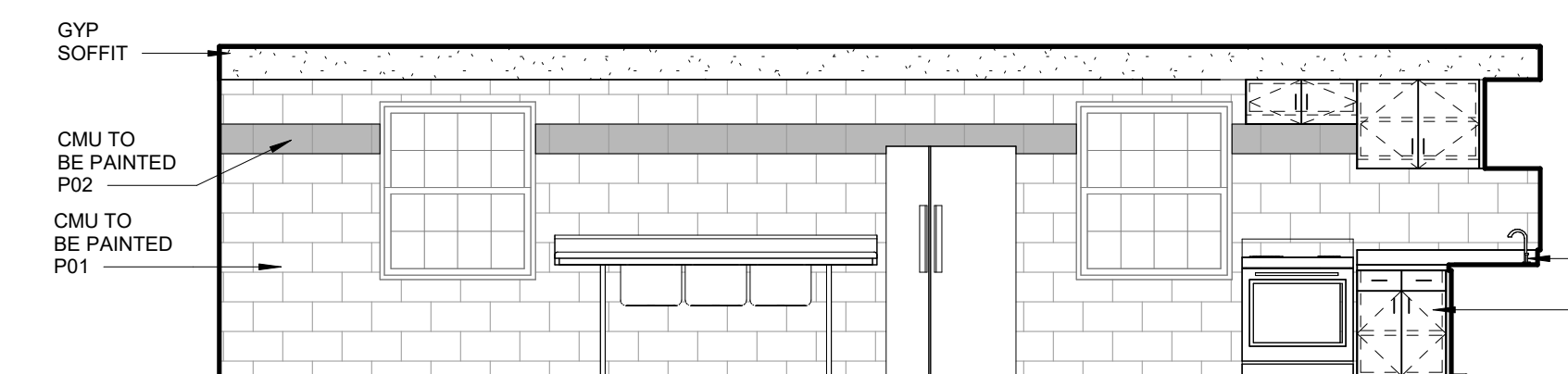
06 DOOR TO DOOR SECTION
6" = 1'-0"



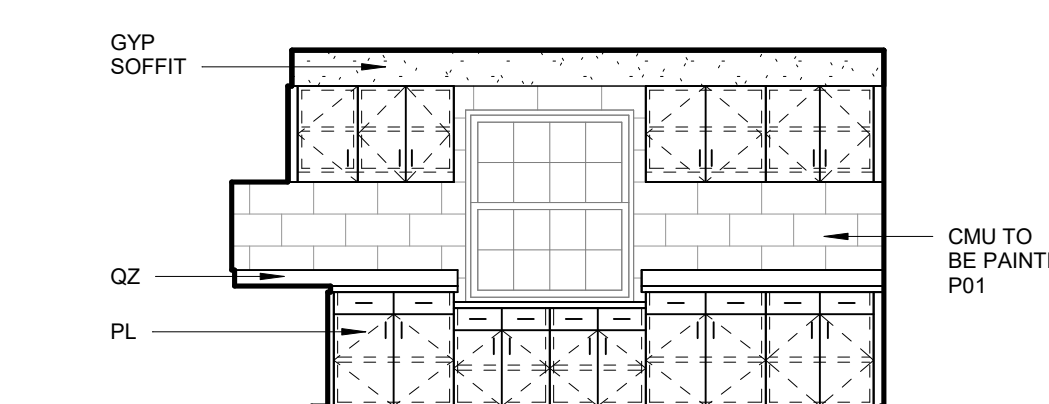
07 BASE CABINET AT FLOOR
6" = 1'-0"



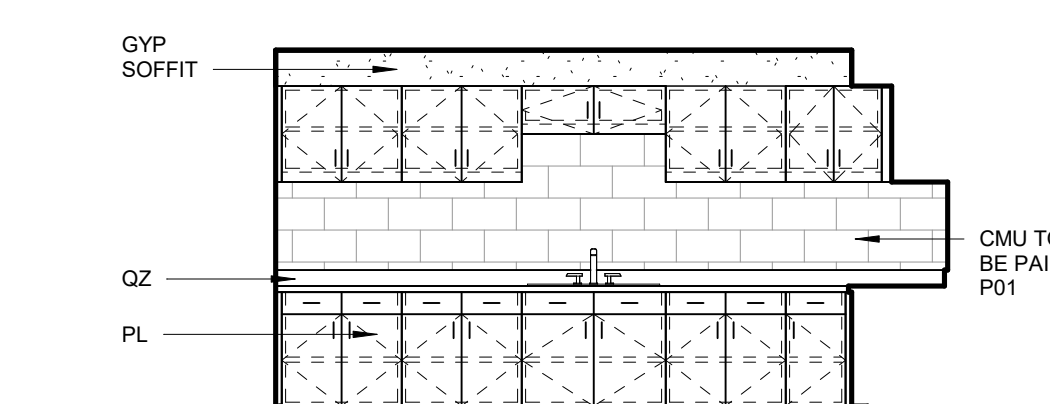
01 MILLWORK ELEVATION - BREAKROOM
1/4" = 1'-0"



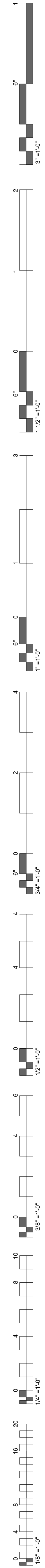
02 MILLWORK ELEVATION - BREAKROOM
1/4" = 1'-0"

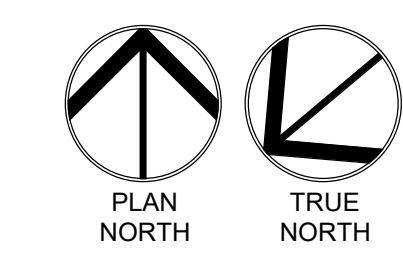
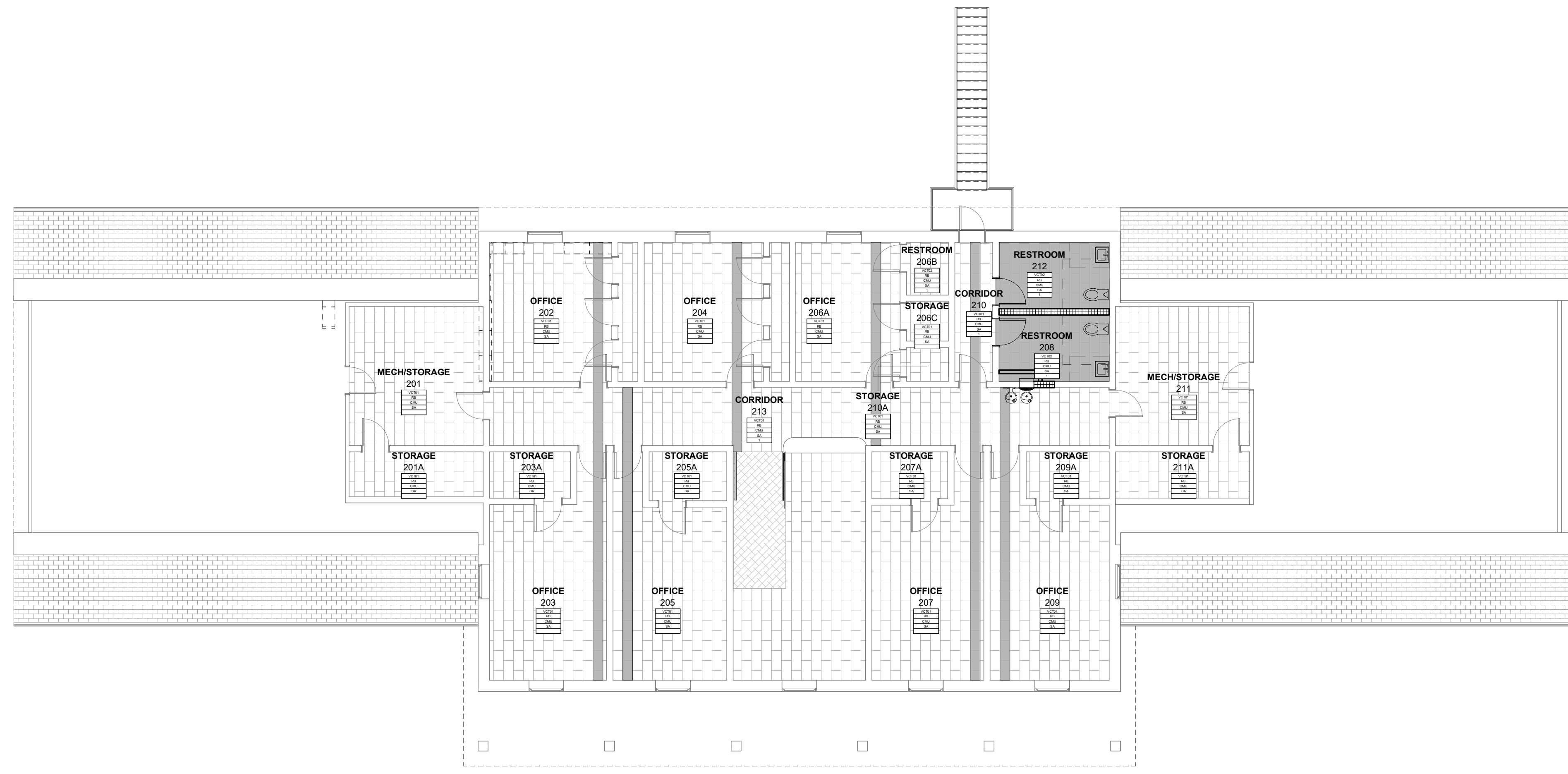
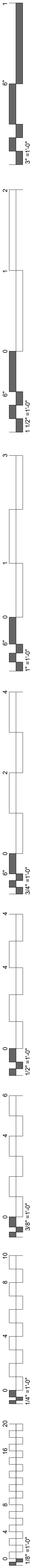


03 MILLWORK ELEVATION - WATER LAB
1/4" = 1'-0"

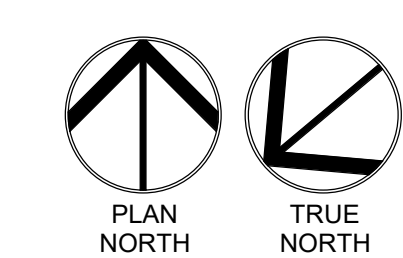
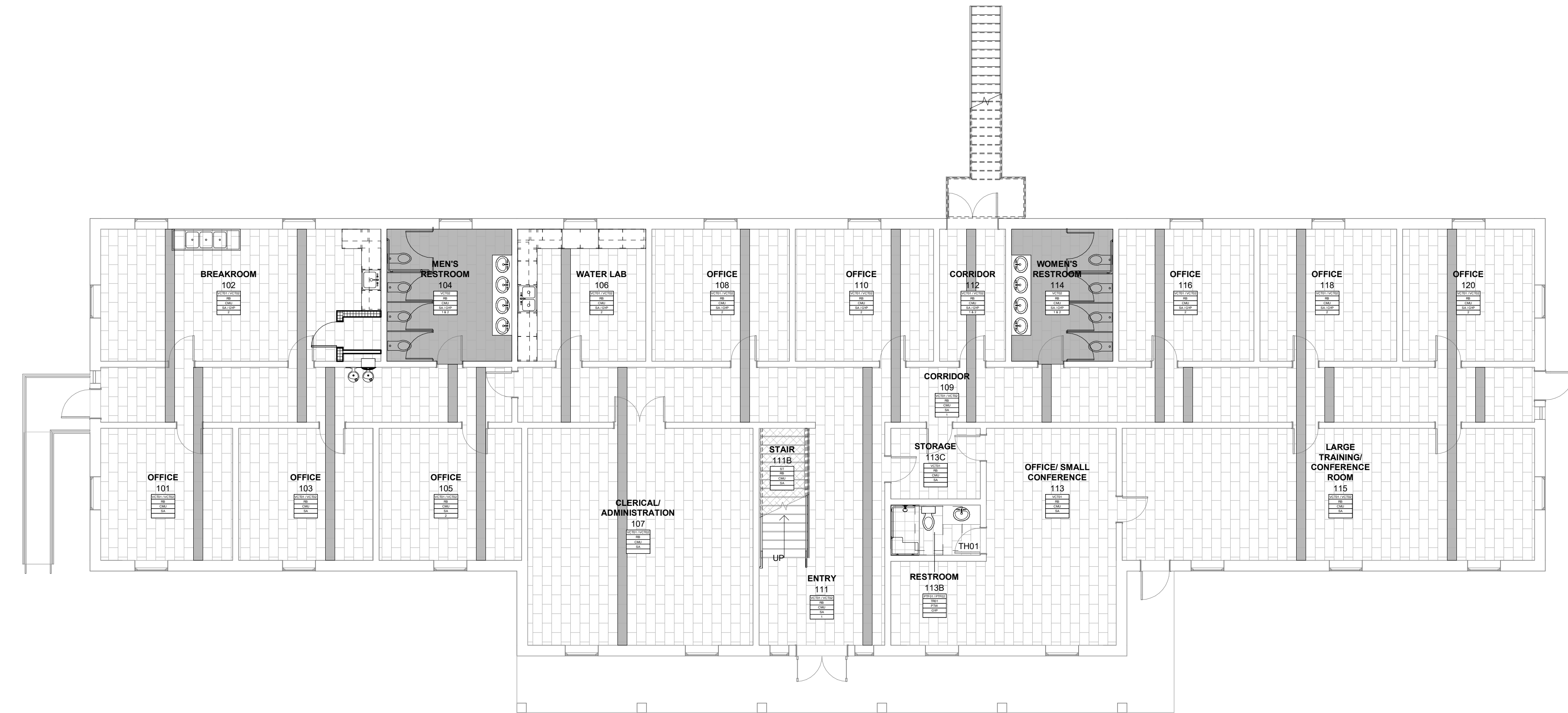


04 MILLWORK ELEVATION - WATER LAB
1/4" = 1'-0"





02 FINISH PLAN - LEVEL 02
1/8" = 1'-0"



01 FINISH PLAN - LEVEL 01
1/8" = 1'-0"

FINISH TAG LEGEND

ROOM NAME	ROOM
FLOOR TYPE	CPTX
BASE TYPE	PBX
TYP WALL	FWX
CEILING	ACT
REMARK	

REFER TO INTERIOR FINISH LEGEND FOR DEFINITION OF MATERIAL DESIGNATIONS

GENERAL FINISH NOTES

- A. REFER TO SHEET A8.00 FOR FINISH SPECIFICATION INFORMATION.
- B. REFERENCE FINISH PLANS FOR FLOOR PATTERN, ACCENT PAINT, AND OTHER FINISH LOCATIONS.
- C. REFER TO REFLECTED CEILING PLAN FOR ADDITIONAL CEILING FINISHES.
- D. PATTERN NAME, COLOR AND NUMBER FOR EACH MATERIAL ARE GIVEN WHEREVER POSSIBLE ON THE FINISH PLAN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/DESIGNER SO THAT THE CORRECT MATERIAL IS INSTALLED.
- E. ALL GYP BOARD CEILINGS TO BE PAINTED P04, U.N.O.
- F. ALL ACoustICAL TILE CEILINGS TO BE SA, U.N.O.
- G. ALL FLOORING TRANSITIONS SHALL BE CENTERED UNDER THE DOOR IN THE CLOSED POSITION.
- H. REFER TO SHEET A8.00 FOR FLOOR TRANSITION DETAILS.
- I. REFER TO SHEET A8.00 FOR BASE DETAILS.
- J. THERE SHALL NOT BE PAINT CONDITIONS THAT OCCUR CAUSING FINISH OR COLOR TO CHANGE ON AN OUTSIDE CORNER UNLESS SPECIFICALLY NOTED OTHERWISE. IF THIS CONDITION OCCURS BRING THIS TO THE DESIGNER'S ATTENTION IMMEDIATELY.
- K. BULHEADS/SOFT FITS/FURDOWNS SHOULD BE FINISHED WITH THE SAME MATERIAL AND/OR COLOR ON ALL FACES AS SPECIFIED, U.N.O.
- L. ALL TOILET ROOMS SHALL HAVE EPOXY PAINTED WALLS WHERE TILE IS NOT PRESENT. REFER TO FINISH PLANS AND ELEVATIONS FOR PORCELAIN TILE LOCATIONS.
- M. WIREWAYS, ACCESS PANELS, GRILLES, ELECTRICAL PANELS, MECHANICAL DEVICES, ETC. SHALL BE FINISHED TO MATCH THE ADJACENT SURFACE.
- N. ALL NON-STAGGERED TILE VERTICAL GROUT JOINTS WILL ALIGN. ANY EXCEPTION TO BE APPROVED BY ARCHITECT/DESIGNER.
- O. PROVIDE CRACK ISOLATION MEMBRANE AS REQUIRED AT ALL PORCELAIN TILE FLOORING. FLOORING CONTRACTOR TO COORDINATE WITH DESIGNER.
- P. ALL TILE CORNERS WILL HAVE SCHLITZ TER QUADRO CORNER PROTECTION.
- Q. ALL TILE GROUT WILL BE EPOXY. REFER TO FINISH SCHEDULE.
- R. ALL CASEWORK SHALL HAVE PL ON CABINETS, U.N.O.
- S. CABINET FILLER PANELS FINISHED WITH WOOD-GRAIN LAMINATE SHALL HAVE THEIR GRAIN RUNNING IN THE SAME DIRECTION AS CABINET.
- T. PL WOOD-GRAIN PATTERNED LAMINATE SHALL RUN VERTICALLY.
- U. COUNTER SUPPORT BRACKETS SHALL BE ANODIZED ALUMINUM AT GYPSUM WALLS.
- V. FIRE EXTINGUISHER CABINETS (FEC) WILL BE STAINLESS STEEL.
- W. ALL WOOD DOORS TO BE REPAIRED & REPLACED AS NEEDED, SANDED & STAINED TO MATCH EXISTING.
- X. ALL EXPOSED STEEL, HOLLOW METAL DOORS, DOOR & WINDOW FRAMES TO BE P03.

FINISH TAG REMARKS

- 1. SEE INTERIOR ELEVATIONS & TOILET ELEVATIONS FOR WALL FINISH LOCATIONS.
- 2. SEE REFLECTED CEILING PLANS FOR FINISH LOCATIONS & HEIGHTS.

FINISH MATERIALS LEGEND

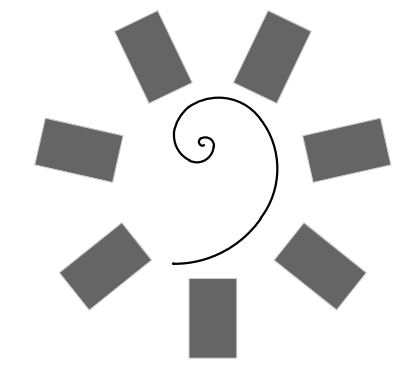
CMU	CONCRETE MASONRY UNIT	QZ	QUARTZ
CPT	CARPET	RB	RUBBER BASE
GYP	GYPSUM BOARD	ST	STAIR TREAD, NOSING, RISER
HM	HOLLOW METAL	TH	THRESHOLD
P	PAINT	TP	TOILET PARTITIONS
PL	PLASTIC LAMINATE	TR	TRIM
PTF	PORCELAIN FLOOR TILE	VCT	VINYL COMPOSITE TILE
PTW	PORCELAIN WALL TILE	WD	DOORS

THRESHOLD & TRANSITION LEGEND

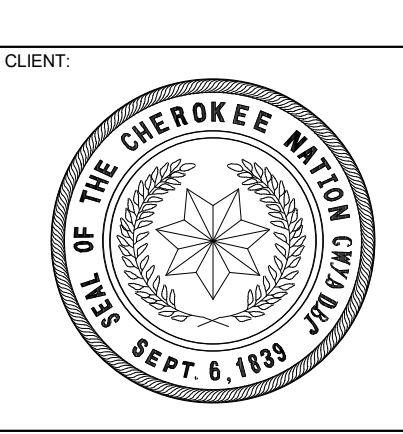
TH01	QUARTZ THRESHOLD
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FINISH PATTERN LEGEND

PTF01	PORCELAIN TILE FLOOR
PTF02	PORCELAIN TILE FLOOR
VCT	VINYL COMPOSITION TILE



**James R. Childers
Architect, Inc.**
45 South 4th Street
Fort Smith, AR 72901
479-783-2450
www.childersarchitect.com



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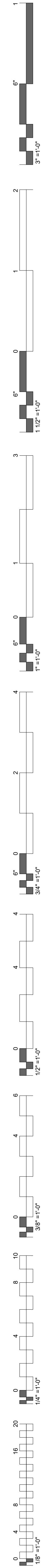
KEY PLAN:

PROJECT PHASE:
100% CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS DESCRIPTION

DATE: 09/21/2020 JOB NUMBER: 18-01.14

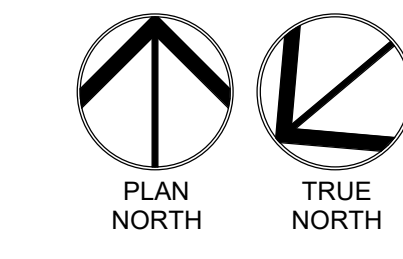
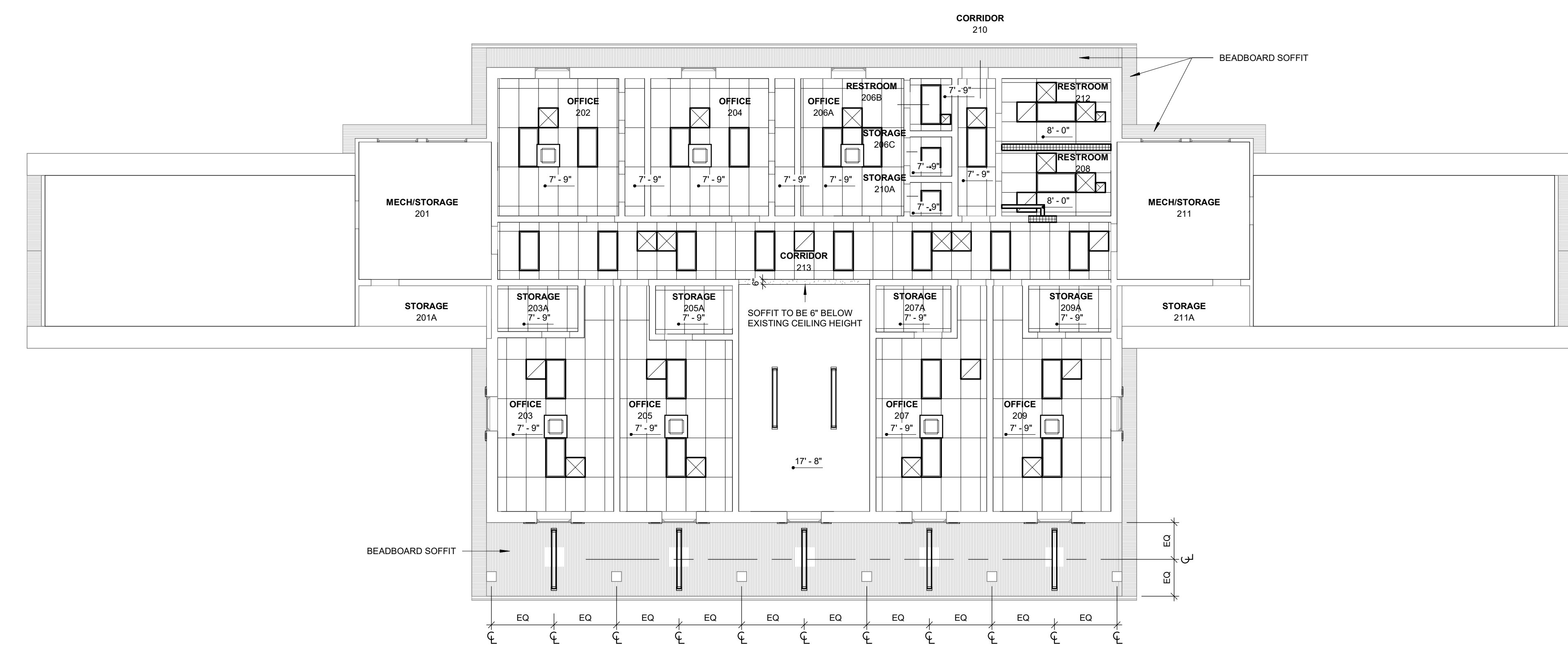
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A8.01
FINISH PLANS



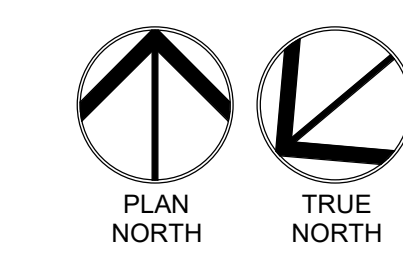
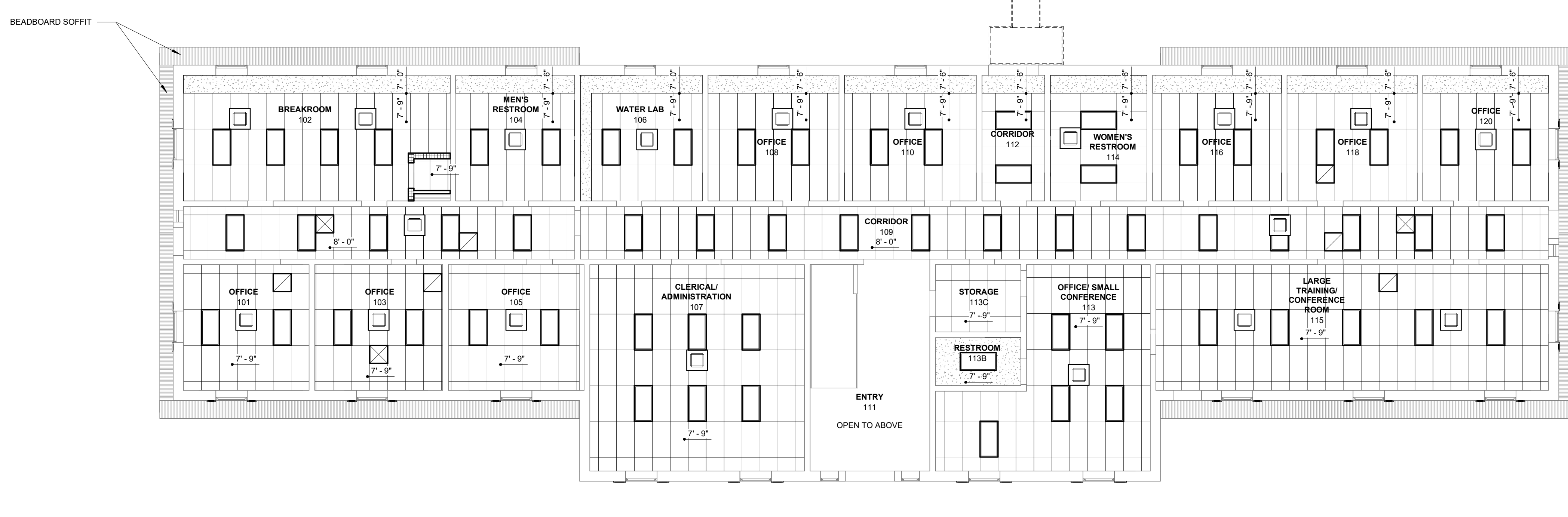
GENERAL NOTES - REFLECTED CEILING PLAN

1. IN THE CASE OF MINOR DISCREPANCIES BETWEEN MEP AND ARCHITECTURAL DOCUMENTS IN THE LOCATION OF CEILING MOUNTED COMPONENTS, THE ARCHITECTURAL REFLECTED CEILING PLAN SHALL GOVERN. IN THE CASE OF MAJOR DISCREPANCIES, THE ARCHITECT SHALL BE NOTIFIED AS SOON AS THE DISCREPANCY IS DISCOVERED PRIOR TO PROCEEDING WITH THE WORK.
2. LIGHTS, DIFFUSERS, EXIT SIGNS, SMOKE DETECTORS, SPEAKERS, STORES AND MISCELLANEOUS DEVICES SHALL BE CENTERED IN THE CEILING TILE IN WHICH THEY OCCUR, UNLESS NOTED OTHERWISE.
3. EXIT SIGNS ARE SHOWN ON REFLECTED CEILING PLAN ONLY WHERE LOCATION IS ARCHITECTURALLY SIGNIFICANT.

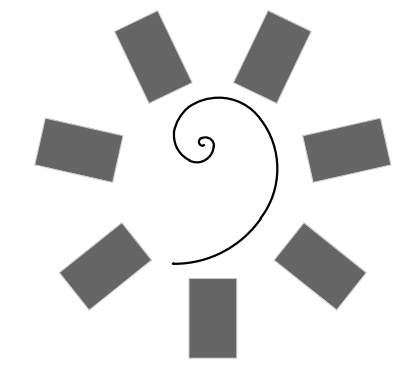
CEILING SYMBOL LEGEND			
	GYPSUM BOARD CEILING		EXHAUST AIR
	GYPSUM BOARD CEILING		VRV UNIT
	SUPPLY AIR		FLUORESCENT LIGHT
	RETURN AIR		SUSPENDED LIGHT



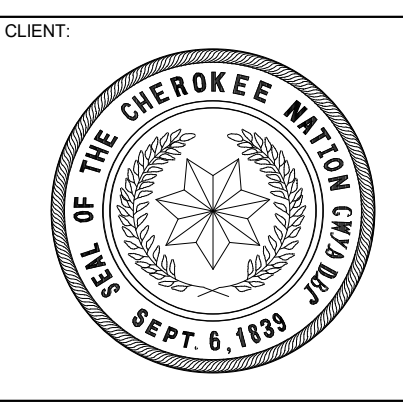
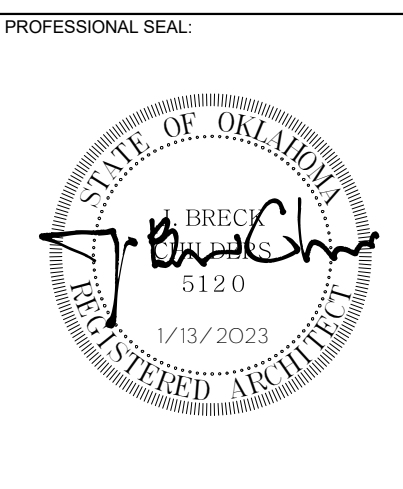
02 REFLECTED CEILING PLAN - LEVEL 02
1/8" = 1'-0"



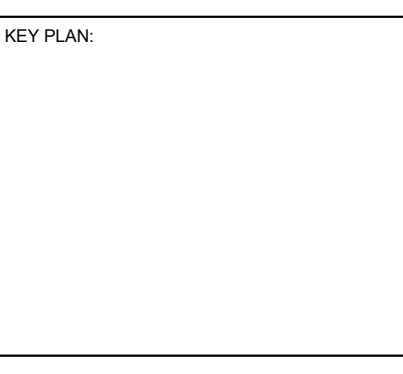
01 REFLECTED CEILING PLAN - LEVEL 01
1/8" = 1'-0"



James R. Childers
Architect, Inc.
45 South 4th Street
Fort Smith, AR 72901
479-783-2450
www.childersarchitect.com



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SHEET NUMBER:
A9.01

CEILING PLANS

SIGNAGE SCHEDULE

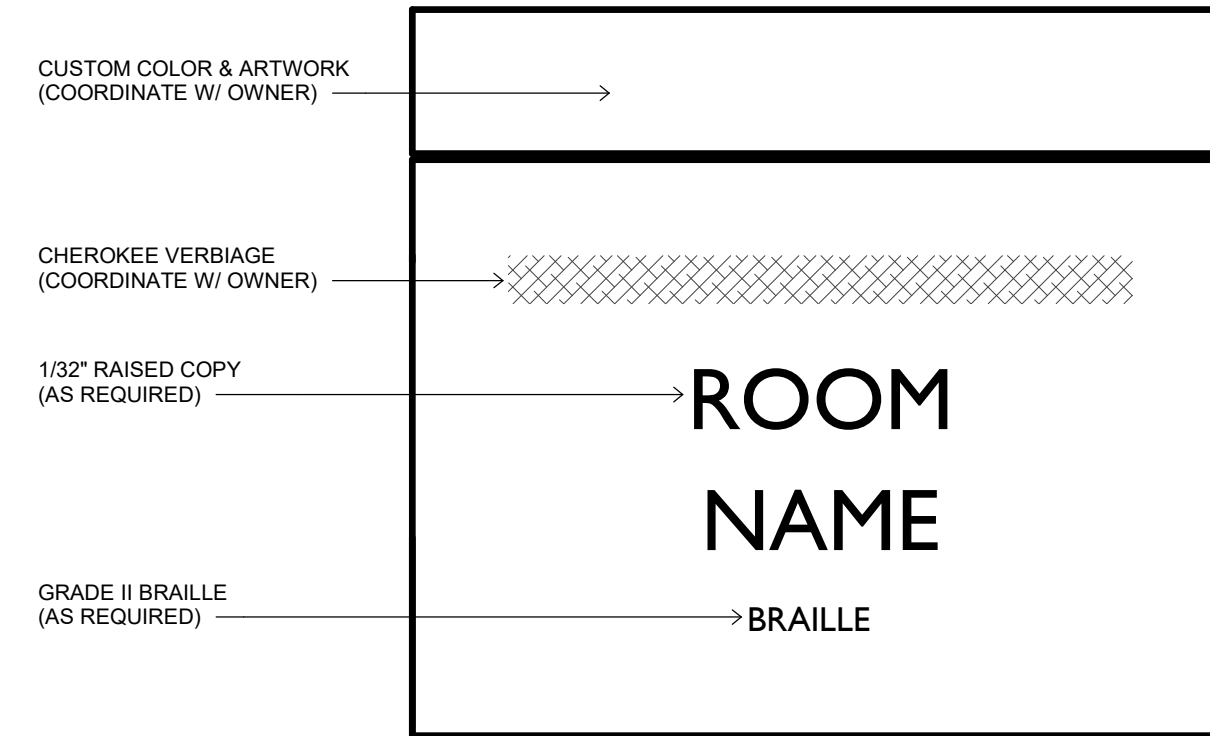
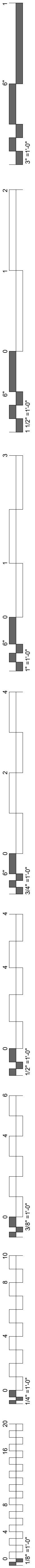
MARK	SIGN TYPE	VERBIAGE	REMARKS
101	M	OFFICE	
102A	M	BREAKROOM	
103B	M	BREAKROOM	
103	M	OFFICE	
104	G.2	MEN	
105	M	OFFICE	
106	M	WATER LAB	
107A	M	CLERICAL / ADMINISTRATION	
107B	M	CLERICAL / ADMINISTRATION	
108	M	OFFICE	
108A	K		1
108B	K		1
110	M	OFFICE	
111	K		1
113A	M	OFFICE / SMALL CONFERENCE	
113B	G.1	RESTROOM	
113CA	M	STORAGE	
113CB	M	STORAGE	
114	G.3	WOMEN	
115A	M	TRAINING / CONFERENCE ROOM	
115B	M	TRAINING / CONFERENCE ROOM	
116	M	OFFICE	
118	M	OFFICE	
120	M	OFFICE	
201	M	MECHANICAL / STORAGE	
201A	M	STORAGE	
202	M	OFFICE	
203	M	OFFICE	
203A	M	STORAGE	
204	M	OFFICE	
205	M	OFFICE	
205A	M	STORAGE	
205B	M	OFFICE	
206B	G.1	RESTROOM	
206C	M	STORAGE	
207	M	OFFICE	
207A	M	STORAGE	
208	G.1	RESTROOM	
209	M	OFFICE	
209A	M	STORAGE	
210	G.1	RESTROOMS	
211	M	MECHANICAL / STORAGE	
211A	M	STORAGE	
212	G.1	RESTROOM	
213	K		1
EX1	K		1

SIGNAGE REMARKS

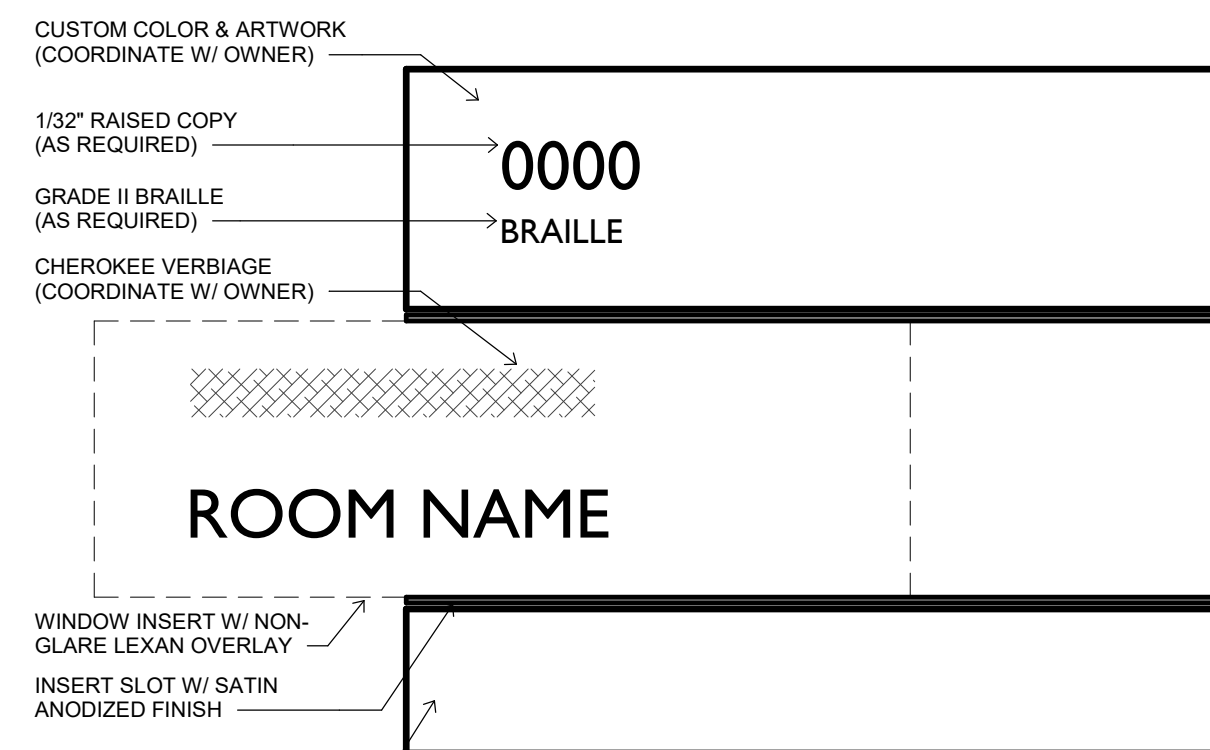
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GENERAL SIGNAGE NOTES

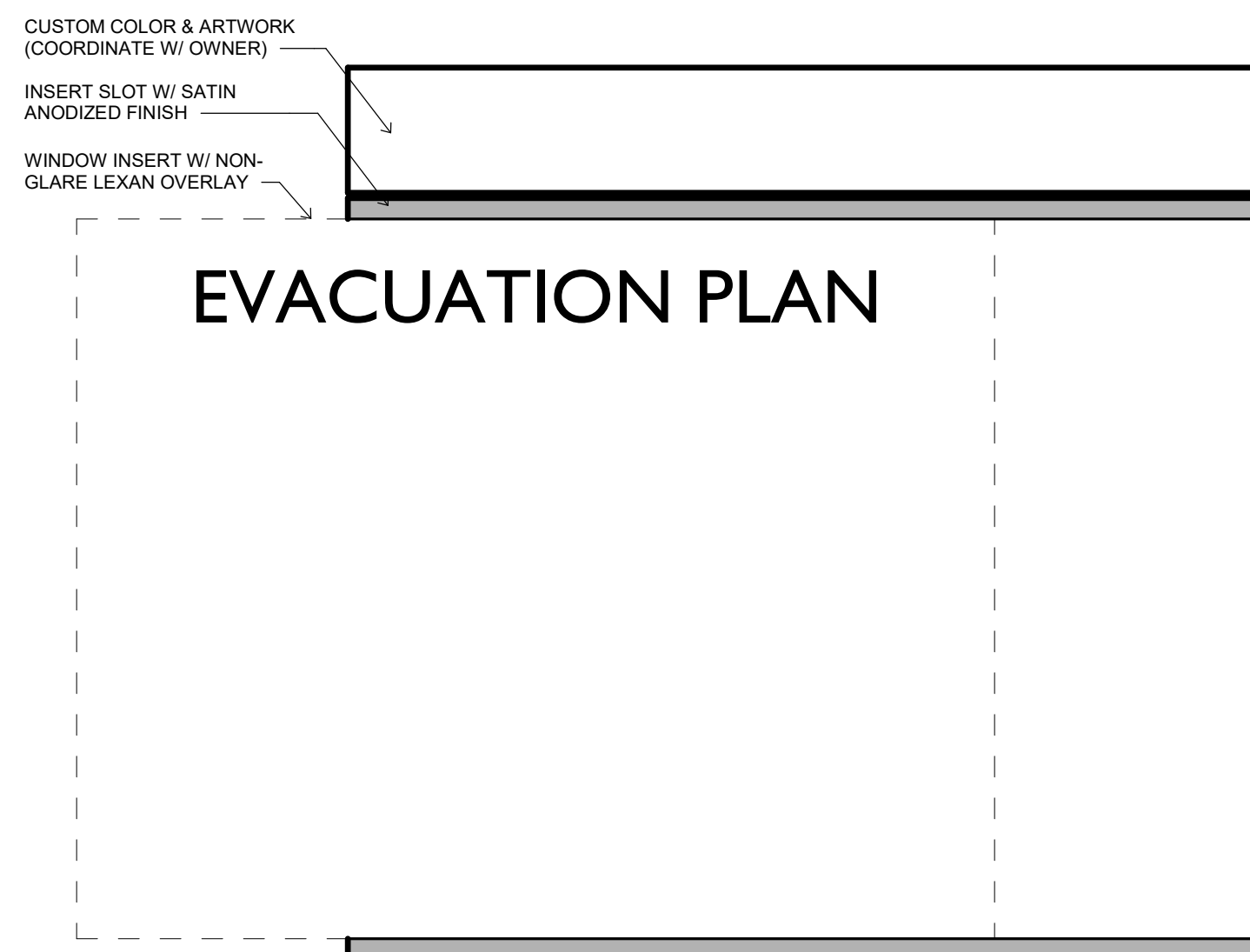
- COORDINATE ALL VERBIAGE W/ OWNER.
- COORDINATE ALL CUSTOM SIGNAGE DIMENSIONS, COLORS & ARTWORK W/ OWNER & ARCHITECT. (CUSTOM ELEMENTS NOT SHOWN)
- VERIFY QUANTITIES W/ OWNER.
- VERIFY LOCATION W/ OWNER PRIOR TO MOUNTING SIGNAGE ON GLAZING.



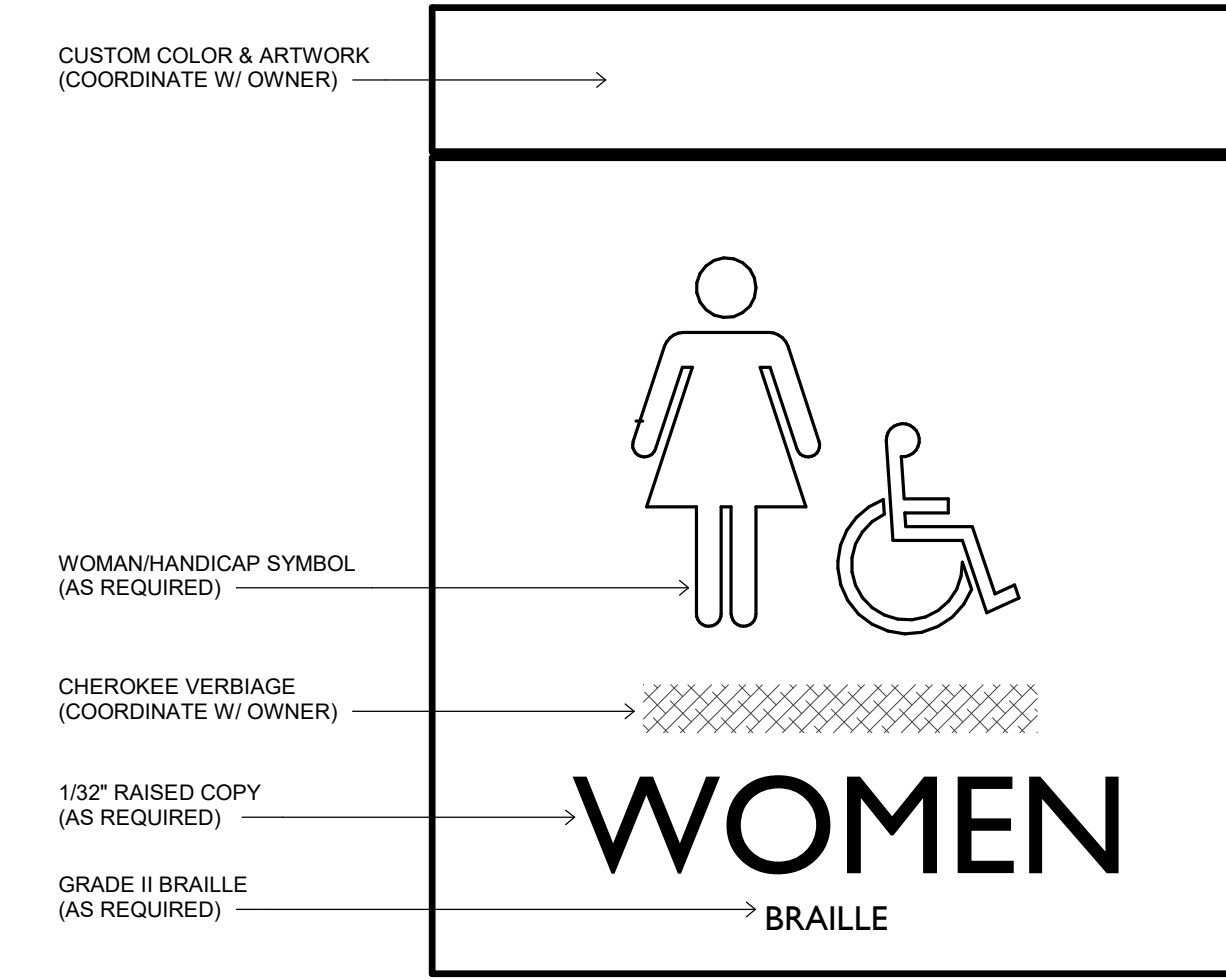
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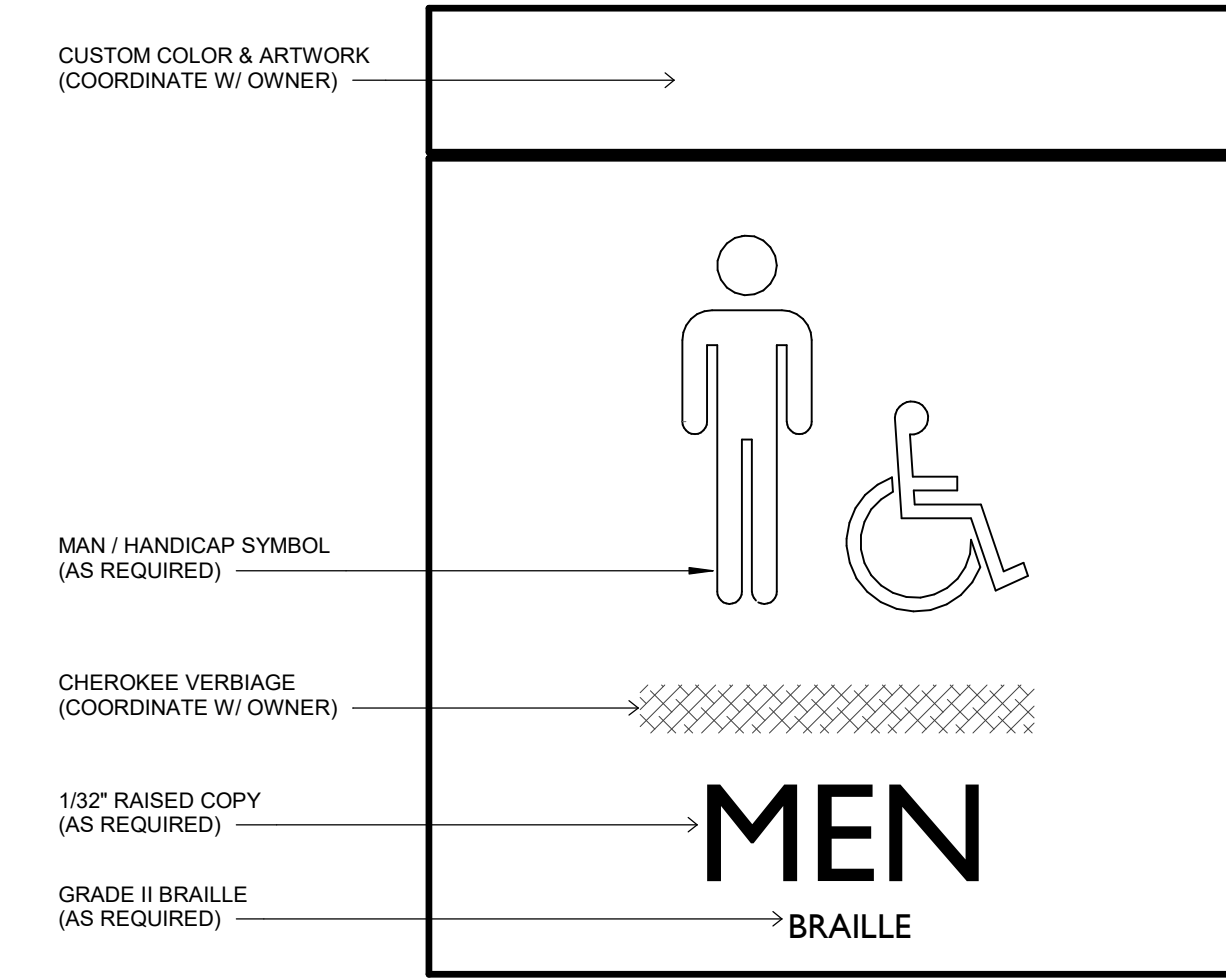
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6' x 1'-0"



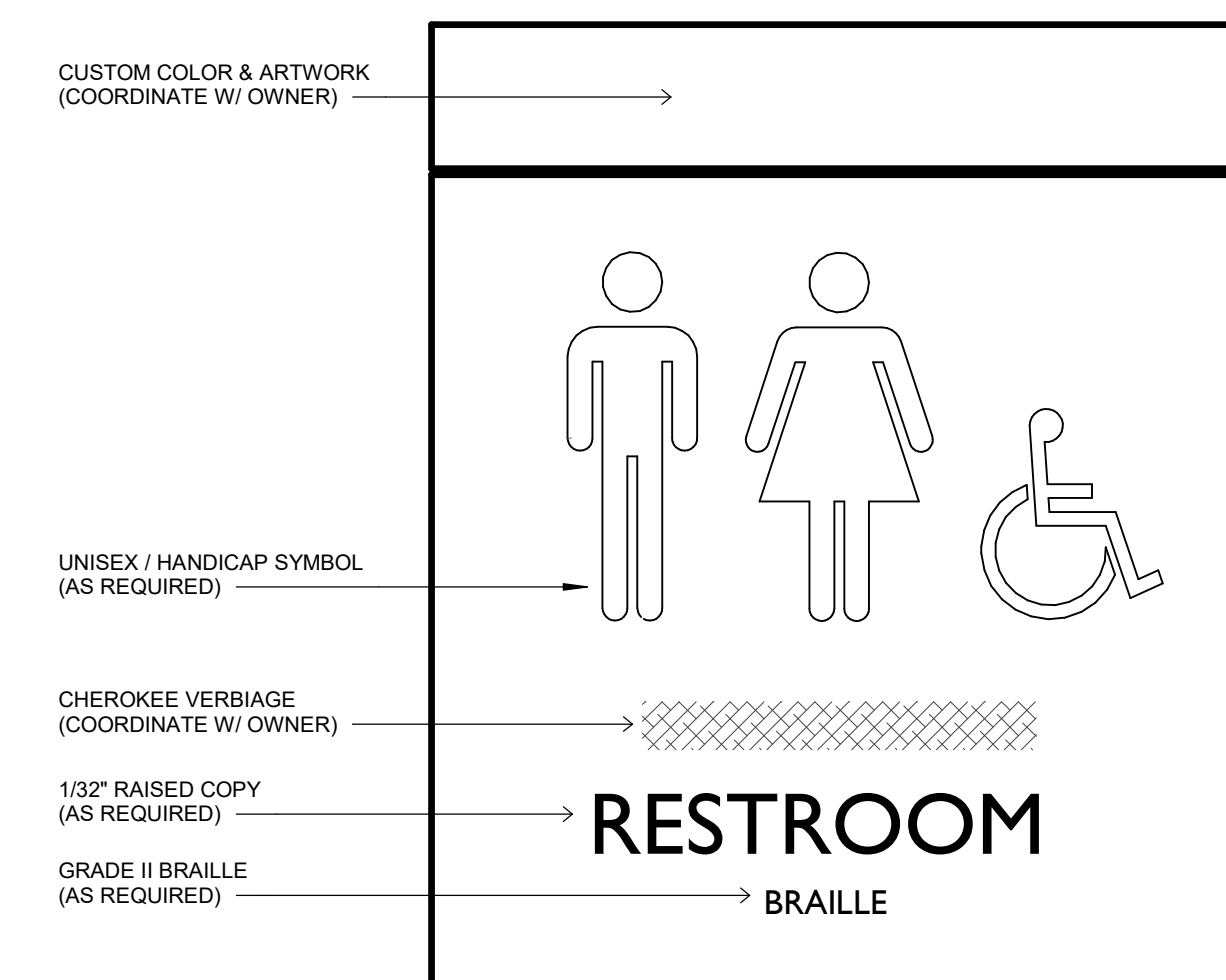
05 TYPE K
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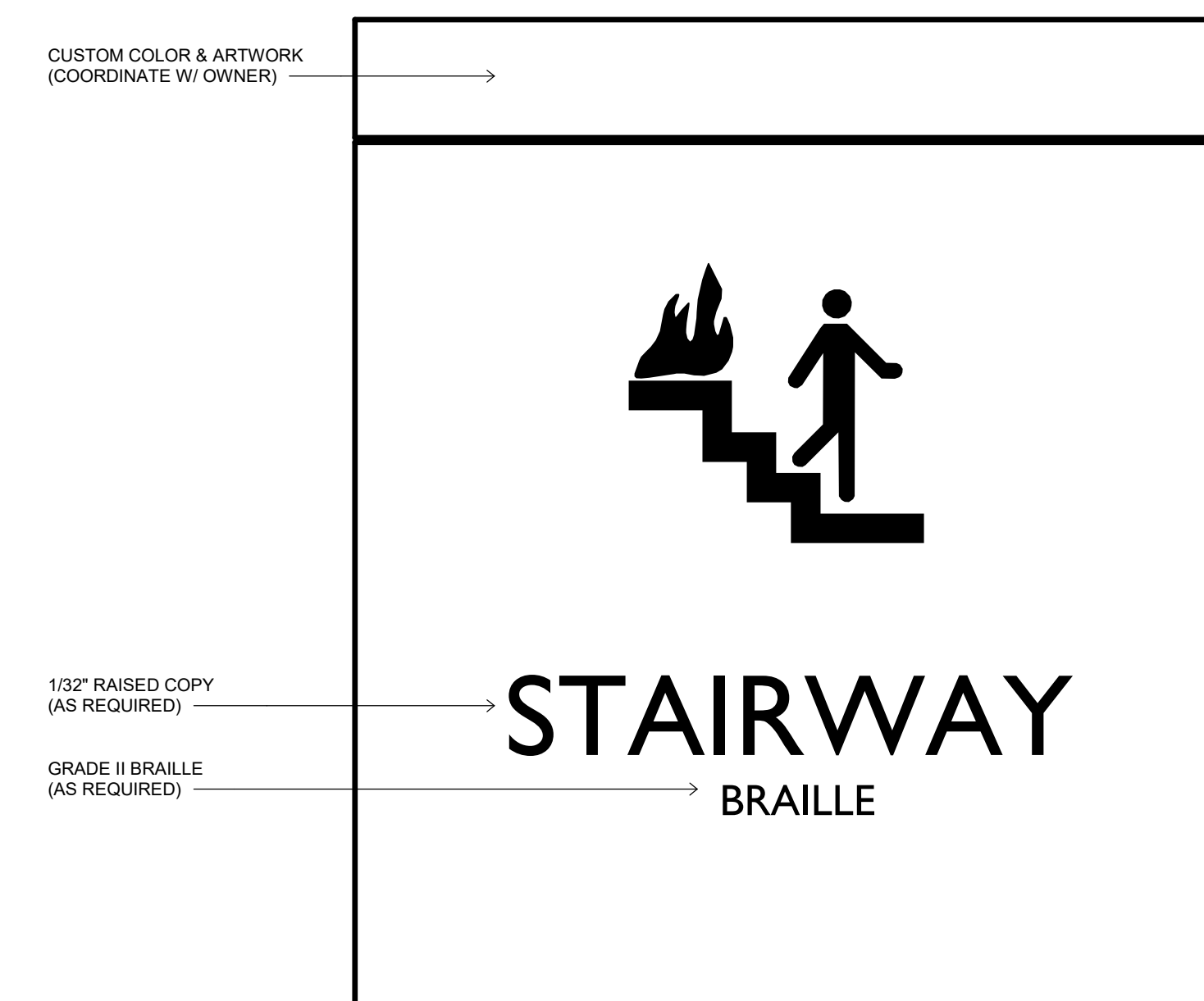
04 TYPE G.3
6' x 1'-0"



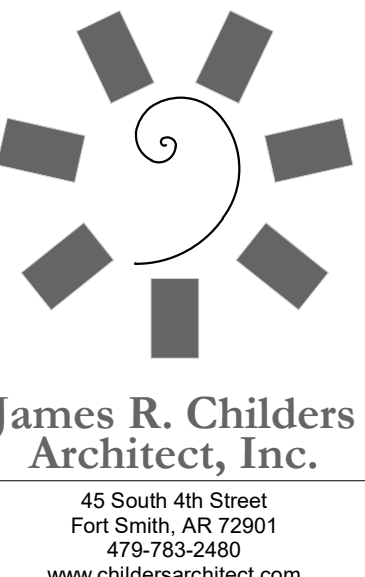
03 TYPE G.2
6' x 1'-0"



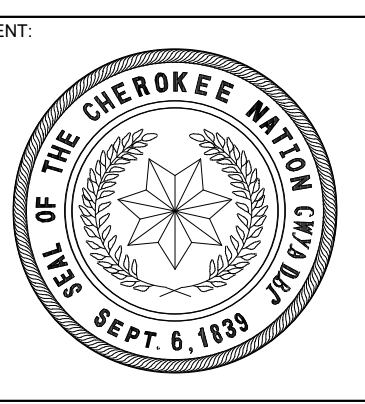
02 TYPE G.1
6' x 1'-0"



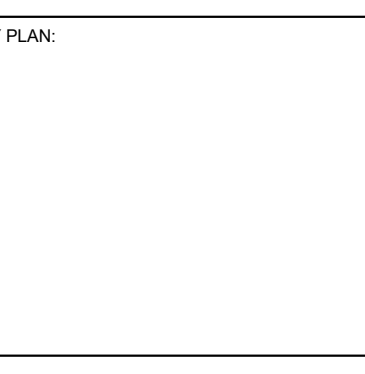
01 TYPE E
6' x 1'-0"



James R. Childers
Architect, Inc.
45 South 4th Street
Fort Smith, AR 72901
479-783-2450
www.childersarchitect.com



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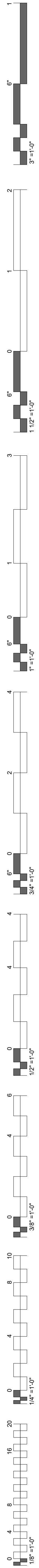
PROJECT PHASE:
100% CONSTRUCTION DOCUMENTS

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DATE: 09/21/2020 JOB NUMBER: 18-01.14

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A10.00

SIGNAGE SCHEDULE & ELEVATIONS

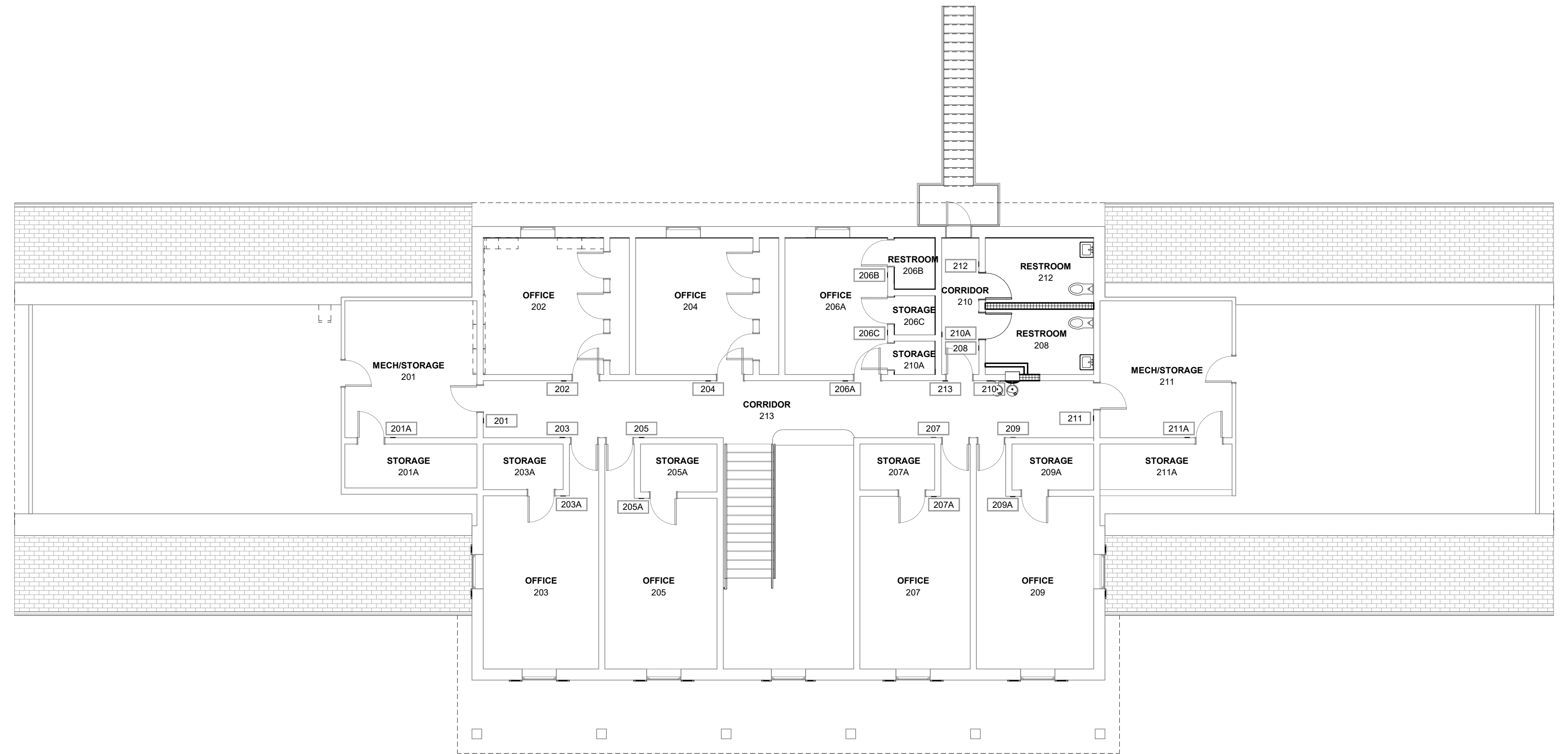


SIGNAGE REMARKS

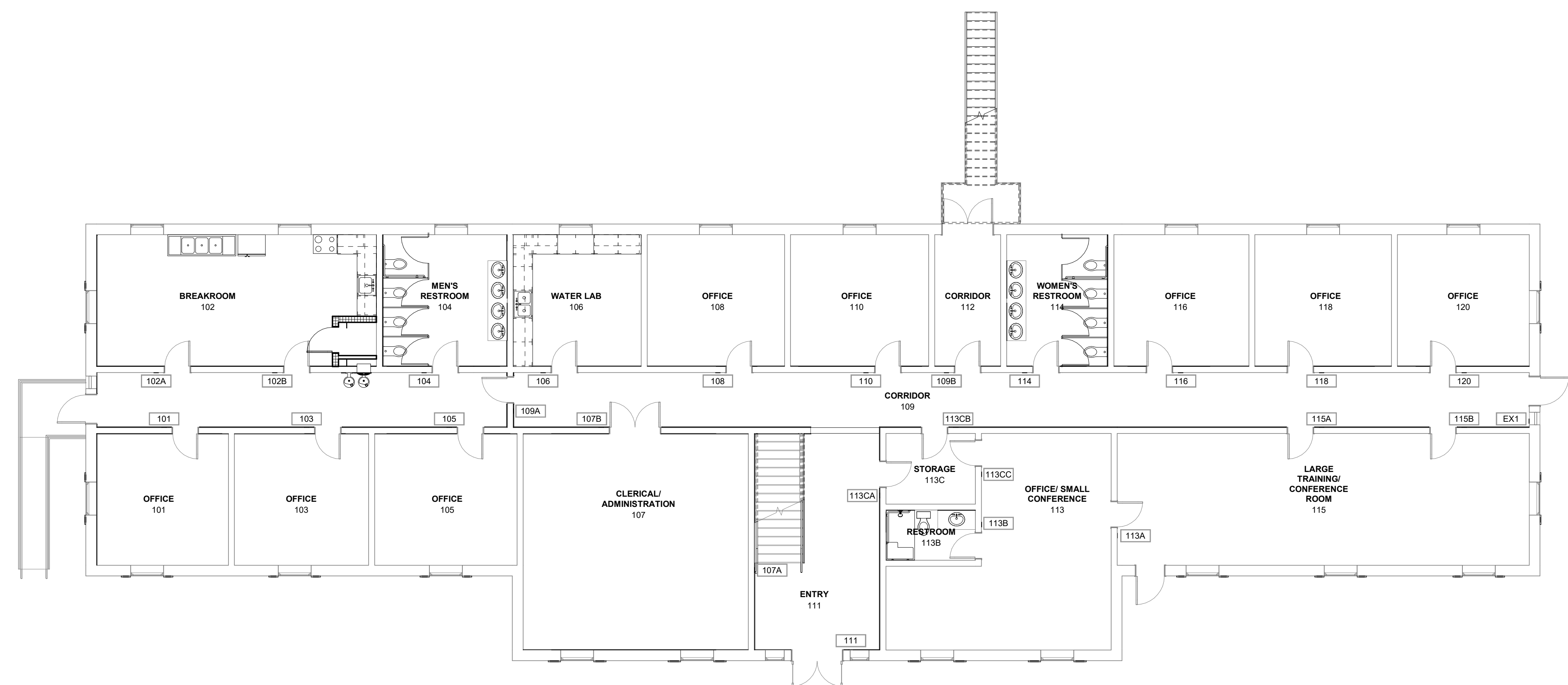
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GENERAL SIGNAGE NOTES

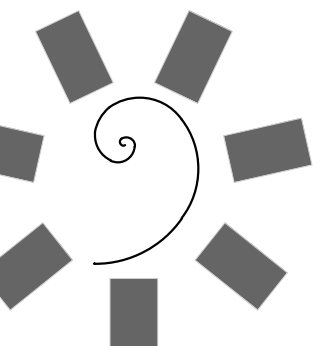
- A. COORDINATE ALL VERBIAGE W/ OWNER.
- B. COORDINATE ALL CUSTOM SIGNAGE DIMENSIONS, COLORS & ARTWORK W/ OWNER & ARCHITECT. (CUSTOM ELEMENTS NOT SHOWN)
- C. VERIFY QUANTITIES W/ OWNER.
- D. VERIFY LOCATION W/ OWNER PRIOR TO MOUNTING SIGNAGE ON GLAZING.



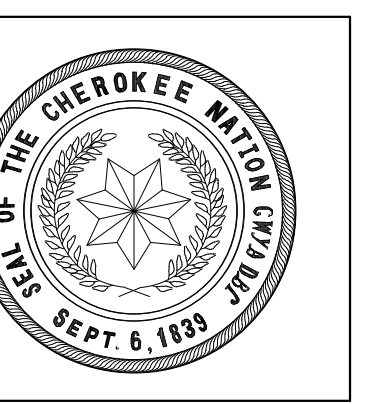
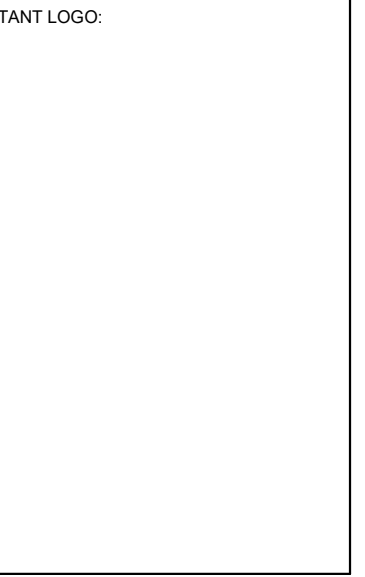
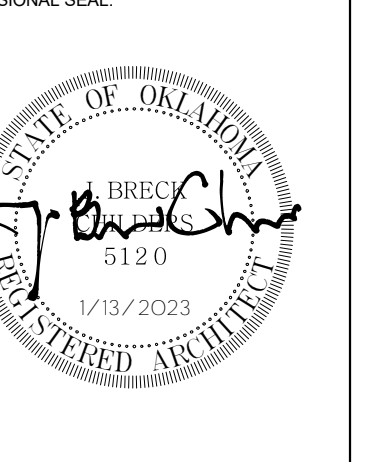
02 SIGNAGE PLAN - LEVEL 02
 1/8" = 1'-0"



01 SIGNAGE PLAN - LEVEL 01
 1/8" = 1'-0"



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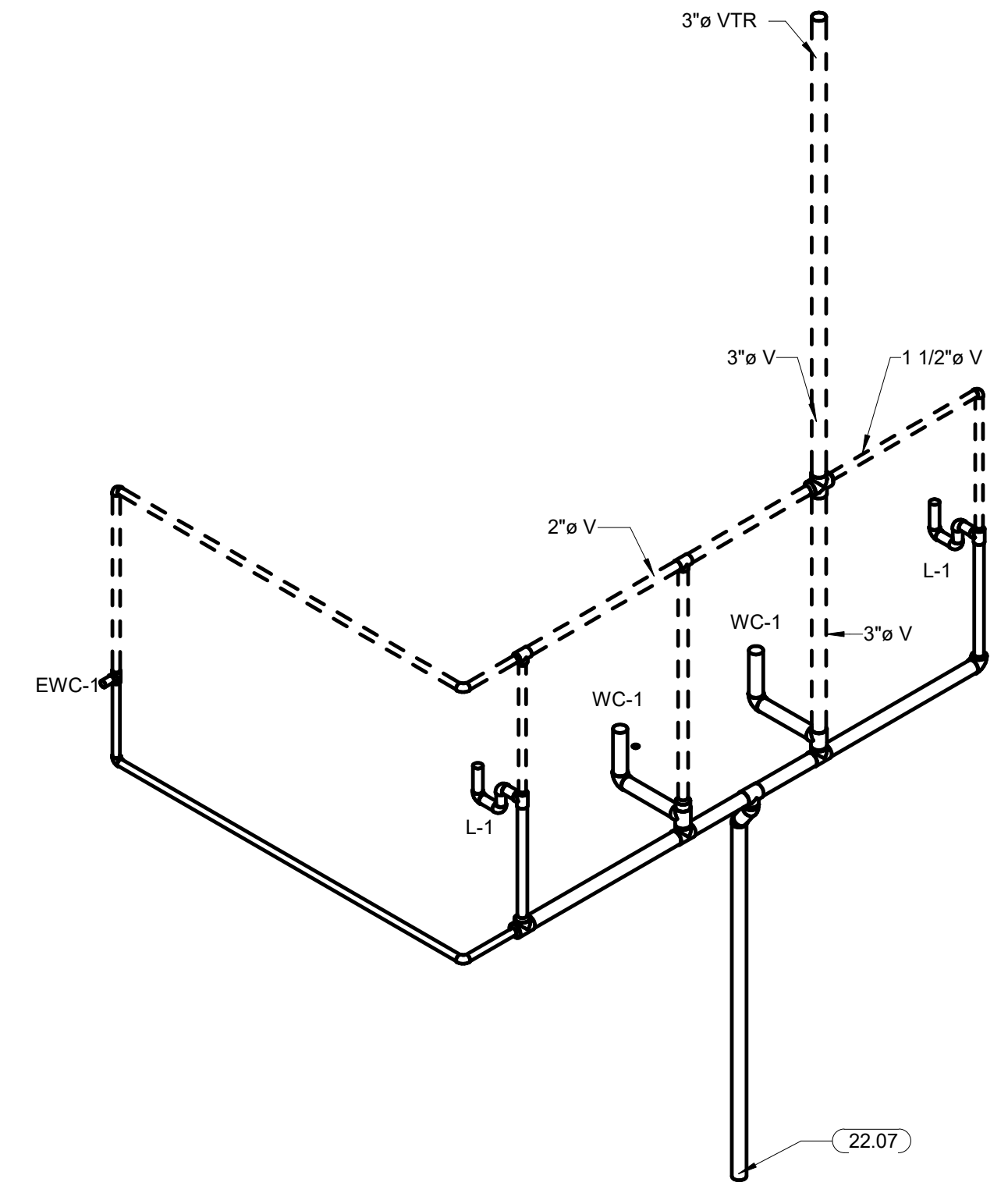
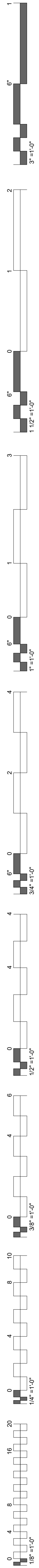
KEY PLAN:
 PROJECT PHASE:
 100% CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS DESCRIPTION

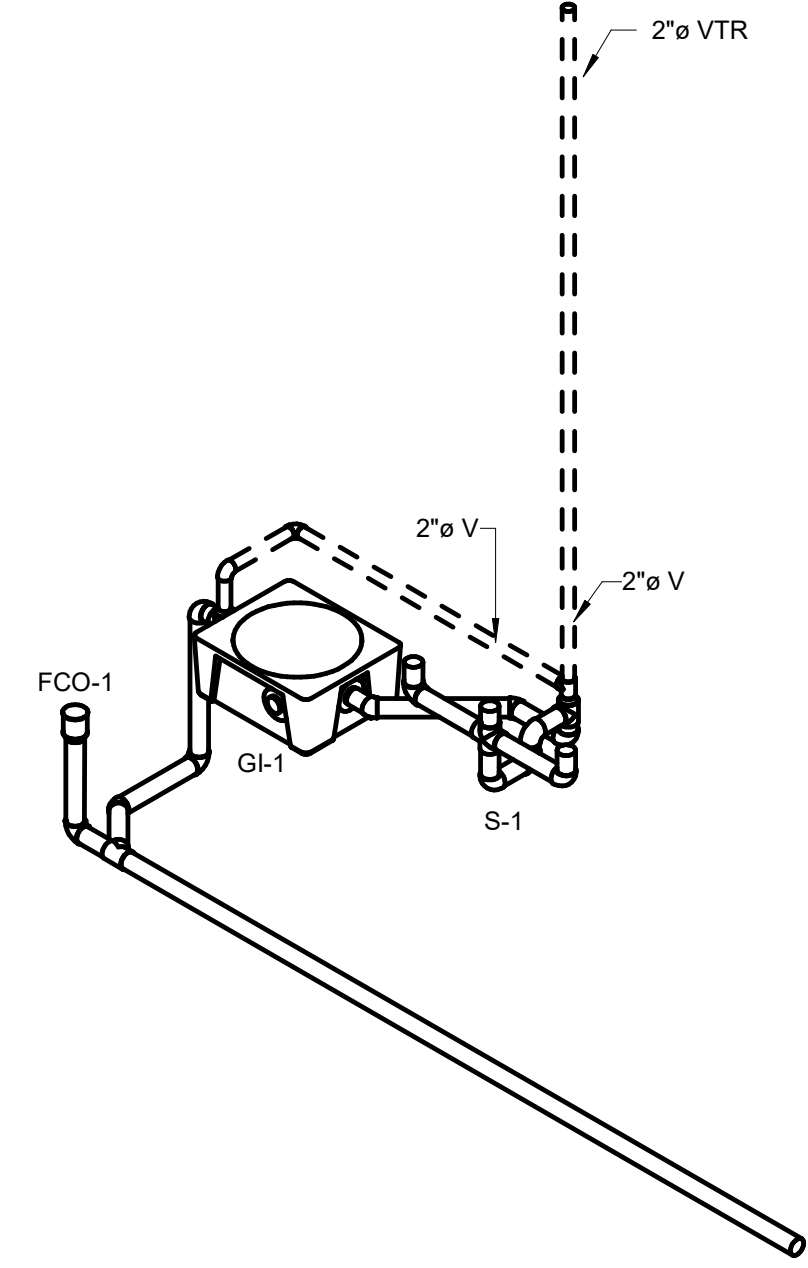
DATE: 09/21/2020 JOB NUMBER: 18-01.14

SHEET NUMBER:
A10.01

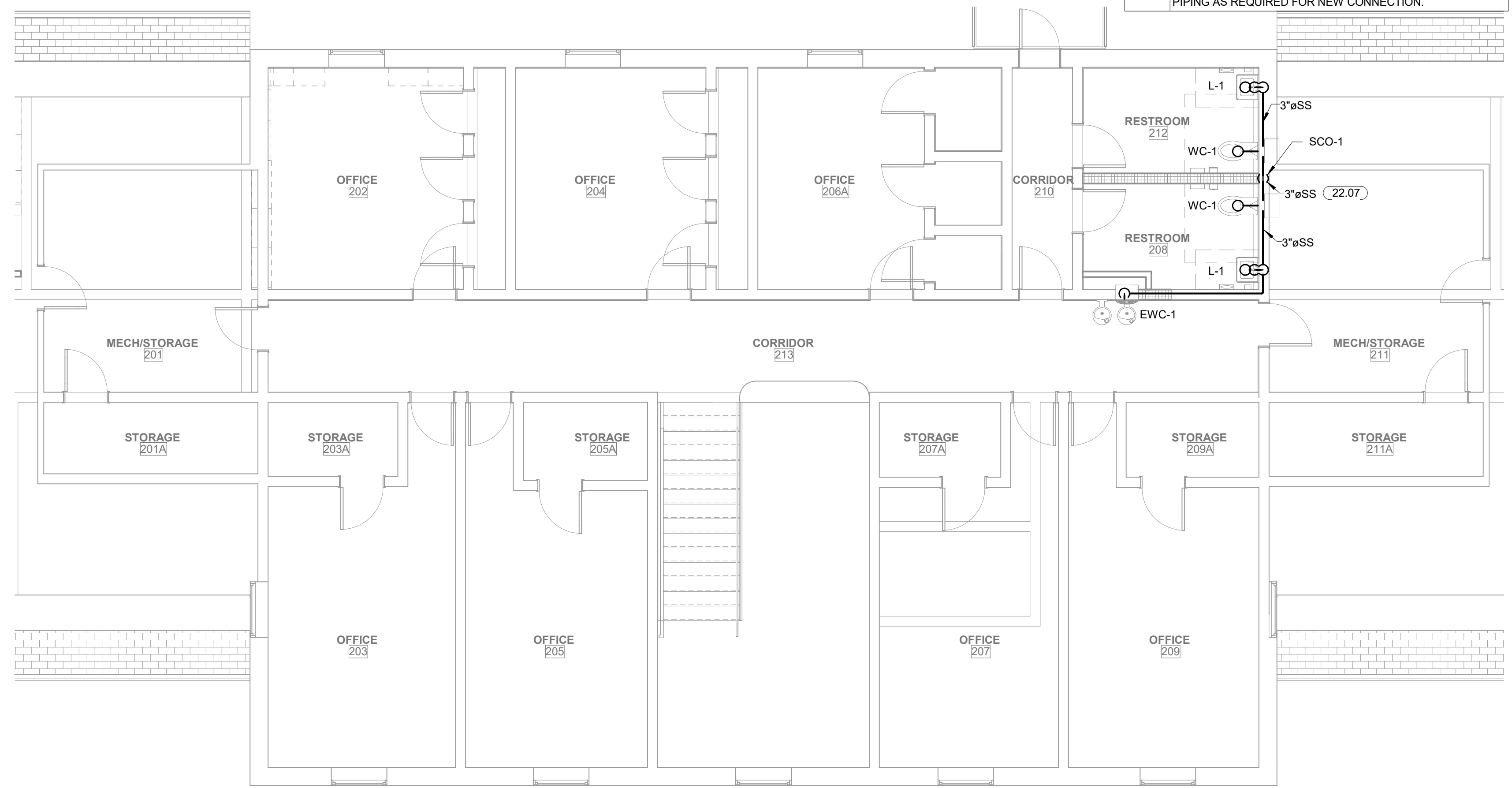
SIGNAGE PLANS



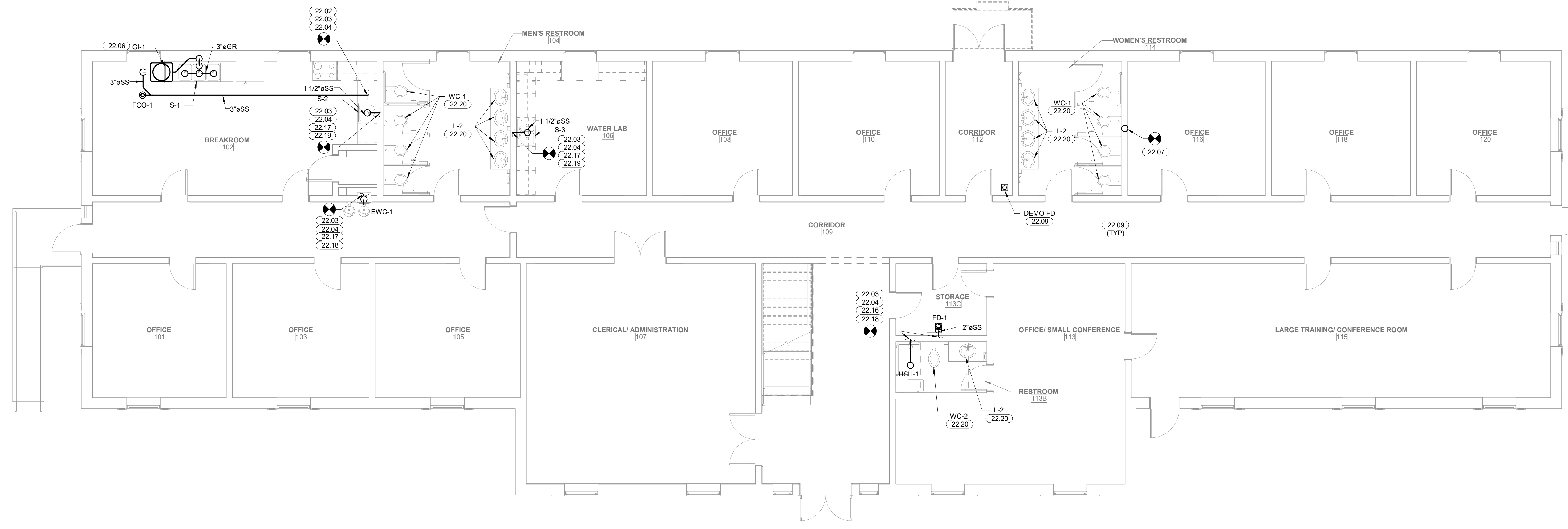
4 PLUMBING VENT ISOMETRIC - RESTROOM



3 PLUMBING VENT ISOMETRIC - KITCHEN



2 PLUMBING DRAIN PLAN LEVEL 2
3/16" = 1'-0"



1 PLUMBING DRAIN PLAN LEVEL 1
3/16" = 1'-0"

KEYNOTES

- 22.02 CONNECT NEW 3" SANITARY DRAIN LINE TO EXISTING DRAIN LINE. SCOPE EXISTING DRAIN LINES TO VERIFY EXACT LOCATION, DIRECTION OF FLOW, INVERT AND ADEQUATE SIZE PRIOR TO BID.
- 22.03 CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION, DIRECTION OF FLOW, INVERT AND ADEQUATE SIZE OF THE EXISTING SANITARY SEWER AND GREASE LINES PRIOR TO BID.
- 22.04 SAW CUT AND REPAIR FLOOR AS REQUIRED FOR INSTALLATION OF NEW DRAIN LINES. COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT FIXTURE LOCATIONS.
- 22.06 DIRECTLY CONNECT 3-COMPARTMENT SINK TO GI-1 LOCATED BELOW S-1.
- 22.07 ROUTE NEW 3" DRAIN LINE DOWN IN WALL FROM ABOVE RESTROOM AND CONNECT TO EXISTING DRAIN LINE. PROVIDE CLEANOUT.
- 22.09 CONTRACTOR TO REMOVE ALL EXISTING PLUMBING FIXTURES AND DRAINS NOT BEING REUSED FROM AREAS BEING DEMOLISHED. CAP AND/OR REMOVE ALL DRAIN AND VENT LINES NOT BEING REUSED IN A CONCEALED LOCATION BELOW SLAB, IN WALL OR ABOVE CEILING.
- 22.16 CONNECT NEW 2" SANITARY DRAIN LINE TO EXISTING DRAIN LINE. SCOPE EXISTING DRAIN LINES TO VERIFY EXACT LOCATION, DIRECTION OF FLOW, INVERT AND ADEQUATE SIZE PRIOR TO BID.
- 22.17 CONNECT NEW 1-1/2" SANITARY DRAIN LINE TO EXISTING DRAIN LINE. SCOPE EXISTING DRAIN LINES TO VERIFY EXACT LOCATION, DIRECTION OF FLOW, INVERT AND ADEQUATE SIZE PRIOR TO BID.
- 22.18 CONNECT NEW 1-1/2" SANITARY VENT LINE TO NEAREST EXISTING VENT LINE.
- 22.19 CONNECT NEW 1-1/4" SANITARY VENT LINE TO NEAREST EXISTING VENT LINE.
- 22.20 REPLACE EXISTING PLUMBING FIXTURE IN EXISTING LOCATION WITH NEW SCHEDULED FIXTURE. CONNECT TO EXISTING SANITARY AND WATER PIPING. PROVIDE NEW PIPING AS REQUIRED FOR NEW CONNECTION.



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KEY PLAN:

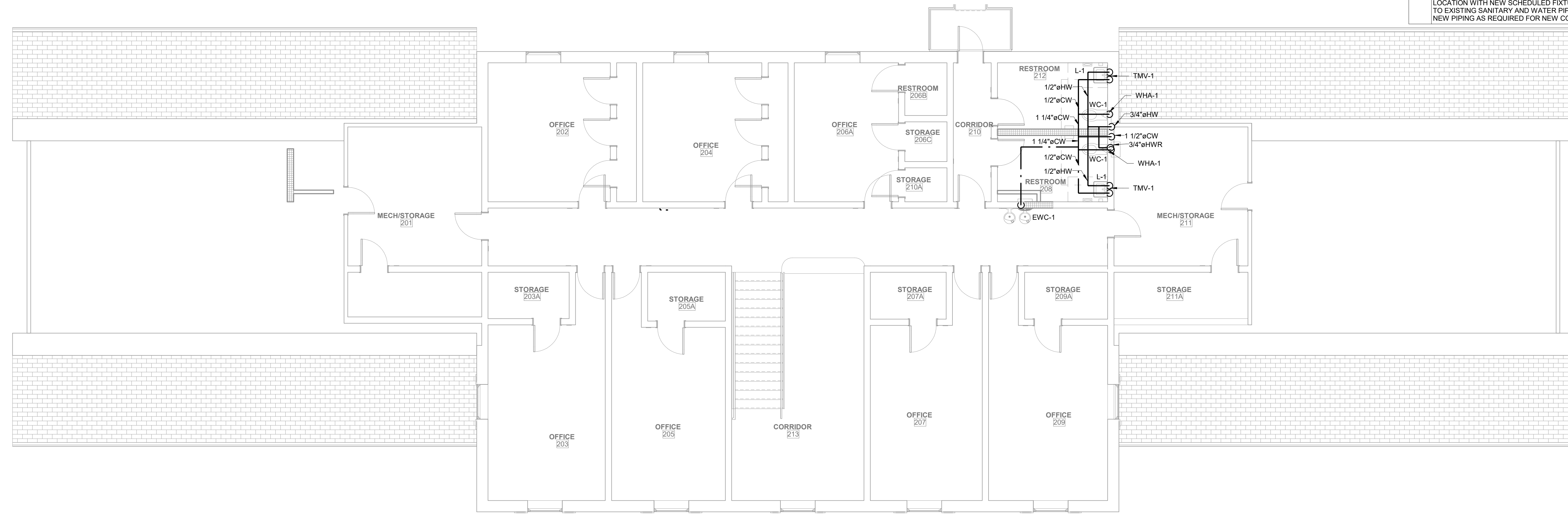
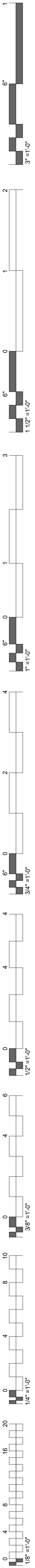
PROJECT PHASE:

#	DATE	REVISIONS DESCRIPTION

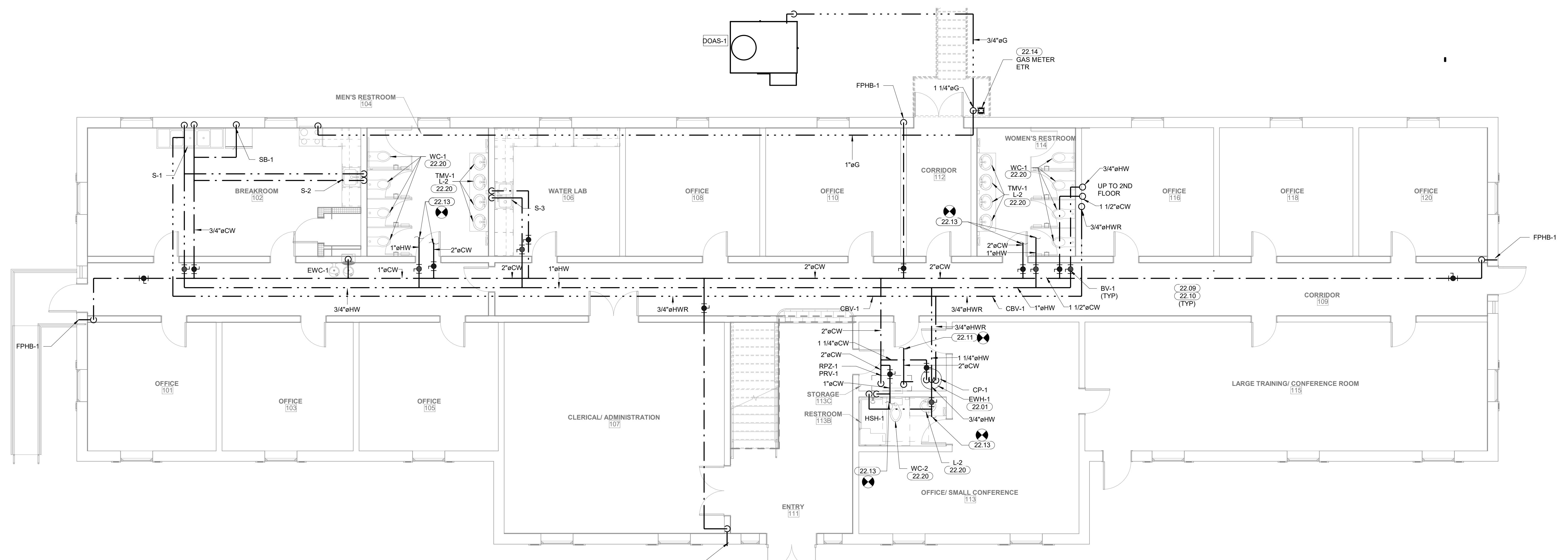
DATE: 09/21/2020 JOB NUMBER: 18-01.14

SHEET NUMBER: P2.0

PLUMBING DRAIN AND VENT ISOMETRIC PLAN



2 PLUMBING SUPPLY PLAN LEVEL 2
3/16" = 1'-0"



1 PLUMBING SUPPLY PLAN LEVEL 1
3/16" = 1'-0"

KEYNOTES	
22.01	PLUMBING CONTRACTOR TO REPLACE EXISTING ELECTRIC WATER HEATER FIXTURE PER PLUMBING EQUIPMENT SCHEDULE. CONTRACTOR TO FIELD VERIFY EXACT LOCATION OF EXISTING UTILITIES.
22.08	CONTRACTOR TO REMOVE ALL EXISTING PLUMBING FIXTURES AND DRAINS NOT BEING REUSED FROM AREAS BEING DEMOLISHED. CAP AND/OR REMOVE ALL DRAIN AND VENT LINES NOT BEING REUSED IN A CONCEALED LOCATION BELOW SLAB, IN WALL OR ABOVE CEILING.
22.10	PLUMBING CONTRACTOR SHALL INSPECT EXISTING CONDITIONS PRIOR TO BEGINNING WORK. FIELD VERIFY SIZE AND LOCATION OF ALL EXISTING SERVICES TO BE TIED INTO PRIOR TO BID.
22.11	CONNECT NEW 2" CW LINE TO EXISTING CW LINE FOR THIS UNIT. VERIFY THAT THE EXISTING WATER LINE IS PROPERLY CONNECTED TO EXISTING RPZ FOR THIS UNIT. IF EXISTING LINE IS SMALLER THAN 2" THEN RUN A NEW 2" CW LINE BACK TO RPZ. IF RPZ IS MISSING THEN INSTALL A NEW ONE OF RIGHT SIZE AND CAPACITY. PROVIDE VALVE (BV-1) AT CONNECTION TO EXISTING CW LINE.
22.13	CONNECT NEW CW/HW PIPE TO EXISTING COLD WATER PIPING SERVING EXISTING RESTROOM FIXTURES. FIELD VERIFY EXISTING LOCATION.
22.14	CONNECT NEW NATURAL GAS TO EXISTING GAS METER. FIELD VERIFY EXACT LOCATION. REGULATE TO 7" W.C. VERIFY EXISTING GAS METER HAS SUFFICIENT CAPACITY FOR NEW GAS LOAD.
22.20	REPLACE EXISTING PLUMBING FIXTURE IN EXISTING LOCATION WITH NEW SCHEDULED FIXTURE. CONNECT TO EXISTING SANITARY AND WATER PIPING. PROVIDE NEW PIPING AS REQUIRED FOR NEW CONNECTION.

James R. Childers Architect, Inc.
45 South 4th Street
Fort Smith, AR 72901
479-783-2450
www.childersarchitect.com

PROFESSIONAL SEAL
Shane Wells
28910
OKLAHOMA
CAS.338(FE)
08/14/2020

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PROJECT NO. 200378R
100% COMPLETE
HP ENGINEERING INC.
524 W. VILLAGE PARKWAY
SUITE 120
ROCKWELL, AR 72758
www.hpengineering.com

CLIENT:

ENVIRONMENTAL HEALTH - MARKOMA BUILDING
1501 Graham Avenue Tahlequah, OK 74464

KEY PLAN:

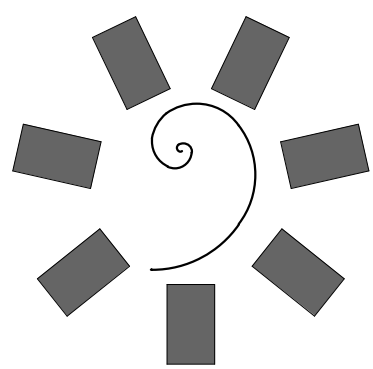
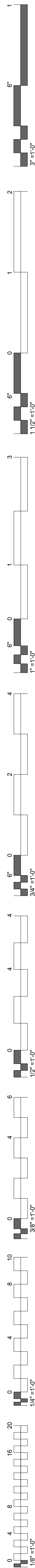
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DATE: 09/21/2020 JOB NUMBER: 18-01.14

SHEET NUMBER: P3.0

PLUMBING SUPPLY PLAN



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45 South 4th Street
Fort Smith, AR 72901
479-783-2450
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KEY PLAN:

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#	DATE	REVISIONS	DESCRIPTION

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SHEET NUMBER: M1.1

MECHANICAL SCHEDULES

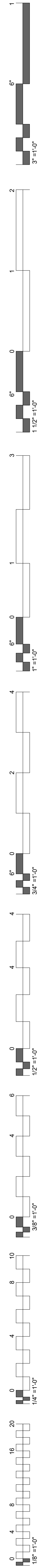
MARK	MFR	MODEL	CONDENSING UNIT SERVED	MAX CAPACITY	ELECTRICAL				WEIGHT
					VOLTS	PH	MCA	MOCP	
BS-1	Daikin	BS10Q54TVJ	CU-1	54000	208 V	1	1	15	101.4
BS-2	Daikin	BS10Q54TVJ	CU-1	54000	208 V	1	1	15	101.4
BS-3	Daikin	BS12Q54TVJ	CU-1	54000	208 V	1	1.2	15	105.8

GENERAL NOTES APPLICABLE TO ALL UNITS:
 1. UNLIMITED NUMBER OF UNUSED PORTS PER BOX OR SYSTEM.
 2. CONDENSATE DRAIN NOT ALLOWED - CONTRACTOR RESPONSIBLE FOR ALTERNATE MFR.
 3. 10-YEAR WARRANTY ON ALL PARTS.

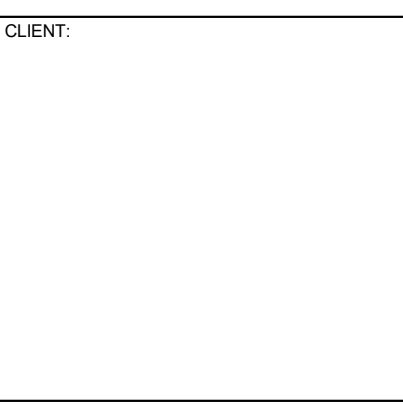
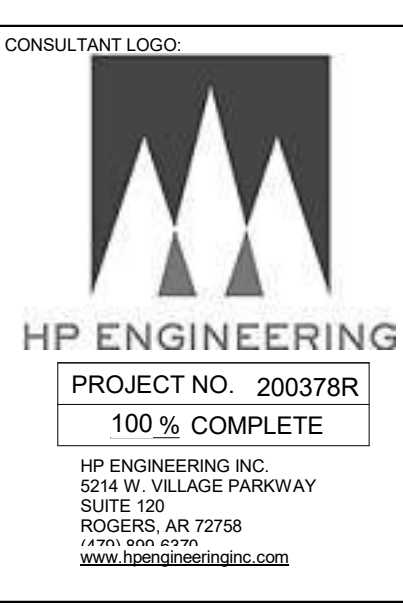
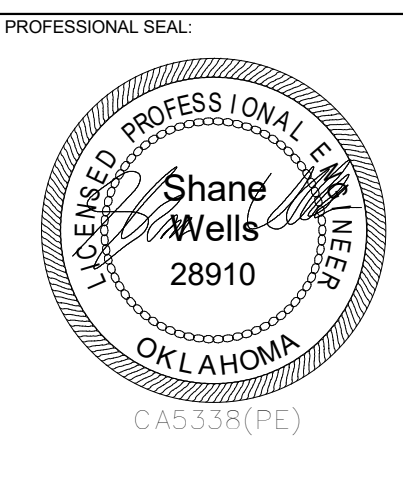
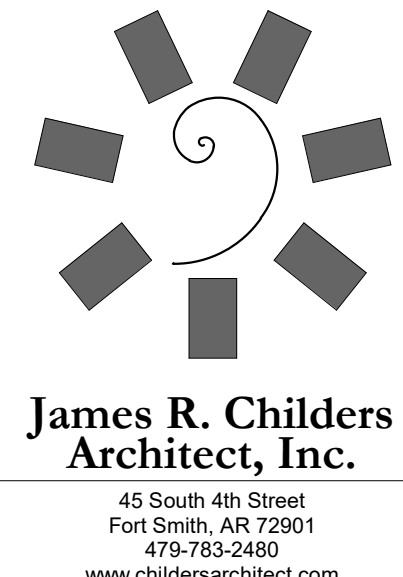
LOCATION	MFG	MODEL	NOMINAL TONNAGE	TYPE	OUTDOOR UNIT	COOLING CAPACITY (BTU/H)	HEATING CAPACITY (BTU/H)	AIR FLOW RATE CFM	VOLT / PHASE	MCA	MOCP	CONTROL METHOD	WEIGHT (LBS)
AH-1.1	Daikin	FXZQ15TAVJU-BYFQ06B3W1	1.3	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	14323	17743	405	208 / 1	0.4	15	T-STAT / BAS	36.4
AH-1.2	Daikin	FXZQ15TAVJU-BYFQ06B3W1	1.3	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	14323	17743	405	208 / 1	0.4	15	T-STAT / BAS	36.4
AH-2	Daikin	FXZQ09TAVJU-BYFQ06B3W1	0.8	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	9036	10919	317	208 / 1	0.3	15	T-STAT / BAS	35.3
AH-3	Daikin	FXZQ09TAVJU-BYFQ06B3W1	0.8	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	9036	10919	317	208 / 1	0.3	15	T-STAT / BAS	35.3
AH-4	Daikin	FXZQ05TAVJU-BYFQ06B3W1	0.5	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	5455	6824	300	208 / 1	0.3	15	T-STAT / BAS	35.3
AH-5	Daikin	FXZQ09TAVJU-BYFQ06B3W1	0.8	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	9036	10919	317	208 / 1	0.3	15	T-STAT / BAS	35.3
AH-6	Daikin	FXZQ05TAVJU-BYFQ06B3W1	0.5	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	5455	6824	300	208 / 1	0.3	15	T-STAT / BAS	35.3
AH-7	Daikin	FXZQ05TAVJU-BYFQ06B3W1	0.5	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	5455	6824	300	208 / 1	0.3	15	T-STAT / BAS	35.3
AH-8	Daikin	FXZQ18TAVJU-BYFQ06B3W1	1.5	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	17048	20814	511	208 / 1	0.6	15	T-STAT / BAS	41.9
AH-9	Daikin	FXZQ05TAVJU-BYFQ06B3W1	0.5	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	5455	6824	300	208 / 1	0.3	15	T-STAT / BAS	35.3
AH-10	Daikin	FXZQ05TAVJU-BYFQ06B3W1	0.5	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	5455	6824	300	208 / 1	0.3	15	T-STAT / BAS	35.3
AH-11	Daikin	FXZQ18TAVJU-BYFQ06B3W1	1.5	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	17048	20814	511	208 / 1	0.6	15	T-STAT / BAS	41.9
AH-12	Daikin	FXZQ05TAVJU-BYFQ06B3W1	0.5	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	5455	6824	300	208 / 1	0.3	15	T-STAT / BAS	35.3
AH-13	Daikin	FXZQ09TAVJU-BYFQ06B3W1	0.8	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	9036	10919	317	208 / 1	0.3	15	T-STAT / BAS	35.3
AH-14	Daikin	FXZQ09TAVJU-BYFQ06B3W1	0.8	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	9036	10919	317	208 / 1	0.3	15	T-STAT / BAS	35.3
AH-15	Daikin	FXZQ09TAVJU-BYFQ06B3W1	0.8	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	9036	10919	317	208 / 1	0.3	15	T-STAT / BAS	35.3
AH-16	Daikin	FXZQ05TAVJU-BYFQ06B3W1	0.5	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	5455	6824	300	208 / 1	0.3	15	T-STAT / BAS	35.3
AH-17.1	Daikin	FXZQ15TAVJU-BYFQ06B3W1	1.3	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	14323	17743	405	208 / 1	0.4	15	T-STAT / BAS	36.4
AH-17.2	Daikin	FXZQ15TAVJU-BYFQ06B3W1	1.3	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	14323	17743	405	208 / 1	0.4	15	T-STAT / BAS	36.4
AH-18	DAIKIN	FXAQ07PVJU	0.6	WALL MOUNTED UNIT	CU-1	7095	8700	260	208 / 1	0.3	15	T-STAT / BAS	26.5
AH-19	Daikin	FXZQ09TAVJU-BYFQ06B3W1	0.8	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	9036	10919	317	208 / 1	0.3	15	T-STAT / BAS	35.3
AH-20	Daikin	FXZQ09TAVJU-BYFQ06B3W1	0.8	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	9036	10919	317	208 / 1	0.3	15	T-STAT / BAS	35.3
AH-21	Daikin	FXZQ09TAVJU-BYFQ06B3W1	0.8	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	9036	10919	317	208 / 1	0.3	15	T-STAT / BAS	35.3
AH-22	Daikin	FXMQ18PBVJU	1.5	CEILING MOUNTED DUCTED (MEDIUM STATIC)	CU-1	17041	20746	635	208 / 1	1.6	15	T-STAT / BAS	79.4
AH-23	DAIKIN	FXAQ07PVJU	0.6	WALL MOUNTED UNIT	CU-1	7095	8700	260	208 / 1	0.3	15	T-STAT / BAS	26.5
AH-24	Daikin	FXMQ12PBVJU	1	CEILING MOUNTED DUCTED (MEDIUM STATIC)	CU-1	11372	13990	450	208 / 1	1.4	15	T-STAT / BAS	61.7
AH-25	Daikin	FXZQ12TAVJU-BYFQ06B3W1	1	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	11425	13990	353	208 / 1	0.4	15	T-STAT / BAS	36.4
AH-26	Daikin	FXZQ09TAVJU-BYFQ06B3W1	0.8	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	9036	10919	317	208 / 1	0.3	15	T-STAT / BAS	35.3
AH-27	Daikin	FXZQ09TAVJU-BYFQ06B3W1	0.8	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	9036	10919	317	208 / 1	0.3	15	T-STAT / BAS	35.3
AH-28	Daikin	FXZQ12TAVJU-BYFQ06B3W1	1	4-WAY DISCHARGE CEILING CASSETTE (2'X2')	CU-1	11425	13990	353	208 / 1	0.4	15	T-STAT / BAS	26.5

MARK	DESCRIPTION	MFG	MODEL	# OF MODULE S	NOMINAL TONS	RATED COOLING CAPACITY		RATED HEATING CAPACITY		CONNECTED INDOOR UNITS		MODULE A				MODULE B				EFFICIENCY			CONTROL TYPE	WEIGHT (LB)
						COOLING CAPACITY (BTU/H)	AMBIENT DESIGN (F)	HEATING CAPACITY (BTU/H)	AMBIENT DESIGN	CONNECTION RATIO	# UNITS	VOLT / PHASE	MCA	MOCP	MCA	MOCP	MIN SCRR	(EER) / (IEER)	COP (47) / (17)					
CU-1	AIR COOLED HEAT RECOVERY	Daikin	REYQ182XATJU	2	20	240842	95	218776	32	129.2	28	208/3	43	50	43	50	N/A	(11.6,11.7)/(22.2,20)	(3.68,3.39)/(2.34,2.16)			727/727		

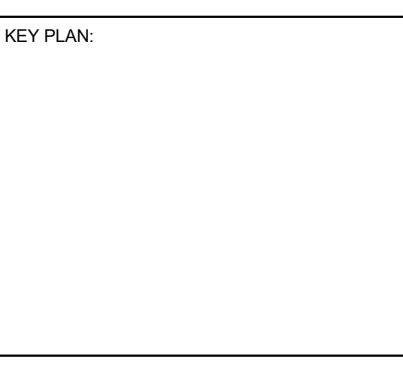
GENERAL NOTES APPLICABLE TO ALL UNITS:
 1. PROVIDE ANTI-RECYCLE TIMERS, LOW AMBIENT CONTROLS, TXV AND COIL HAIL GUARDS.
 2. PROVIDE 4" CONCRETE PAD.
 3. CONTROLLED THROUGH BAGNET BAS FRONT END.
 4. SYSTEM MUST PROVIDE CONTINUOUS HEATING DURING DEFROST AND OIL RETURN.
 5. FULLY MODULATING INVERTER COMPRESSORS.
 6. PROVIDE AUTO CHARGING AND INDOOR UNIT AUTO ADDRESSING CAPABILITY.
 7. MFR SUBMITTAL MUST INCLUDE REFRIGERANT PIPING DIAGRAM WITH PIPE DIAMETERS, LENGTHS AND REFRIGERANT VOLUMES.
 8. CONTRACTOR TO FURNISH AND INSTALL INSULATION ON REFRIGERANT PIPING.
 9. MFR MUST BE CERTIFIED, LISTED, AND LABELED PER AHRI 1230.
 10. SYSTEM RATING DATA BASED ON DESIGN AMBIENT CONDITIONS FOR COOLING AND FOR HEATING.
 11. SUBMITTED DATA MUST BE DE-RATED FOR ALL COMPONENTS AND ACCESSORIES, INCLUDING BUT NOT LIMITED TO, LINE LENGTH, VERTICAL SEPARATION, CONNECTION RATIO, DESIGN CONDITIONS, CONDENSOR COIL COATING.
 12. CONDENSING UNITS MUST HAVE FULLY MODULATING INVERTER COMPRESSORS.
 13. CONDENSING UNITS MUST HAVE AUTO CHANGEOVER FUCTIONS.
 14. DEMAND LIMITING RELAY CONTACT MUST BE PROVIDED.
 15. EVV ACTUATORS MUST BE REMOVABLE FROM VALVE BODY WITHOUT DISTURBING THE REFRIGERANT SYSTEM.
 16. FCU THERMOSTATS MUST PROVIDE +/- 1 DEGREE DEAD-BAND SET-POINT AND CONTROL CAPABILITY.
 17. SYSTEM SHALL BE PROVIDED WITH I-TOUCH MANAGER CONTROLLER WITH WEB BASED SOFTWARE FOR DISPLAYING UP TO 8 DIII-NET SYSTEMS WITH 128 INDOOR UNITS PER SYSTEM. PC BY OTHERS.
 18. CONTRACTOR TO VERIFY PIPING DIMENSIONS.
 19. CONTRACTOR TO FURNISH AND INSTALL INSULATION ON REFRIGERANT PIPING.



MECHANICAL LEGEND		
T	THERMOSTAT (MOUNTED AT 48" A.F.F.)	EXHAUST GRILLE (CEILING MOUNTED)
S	TEMPERATURE SENSOR (MOUNTED AT 48" A.F.F.)	SUPPLY DIFFUSER (CEILING MOUNTED)
F	REMOTE MANUAL PULL STATION (MOUNTED AT 48" A.F.F.)	RETURN GRILLE (CEILING MOUNTED)
CD 2	CARBON DIOXIDE DETECTOR (MOUNTED AT 48" A.F.F.)	CD-2 225 CFM DIFFUSER CALLOUT TAG
D	DUCT MOUNTED SMOKE DETECTOR	MANUAL BALANCE DAMPER
UCD	WHERE SHOWN, UNDERCUT DOOR 1/2"	VERTICAL DUCT TAKE-OFF WITH BALANCE DAMPER
AHU-1	EQUIPMENT OR DEVICE TAG	SIDEWALL AIR DEVICE
CF M	STANDARD CUBIC FEET PER MINUTE	MOTORIZED 3-POSITION ACTUATOR EQUAL TO BELIMO MODEL 'LF24-SR-E'
FD	FIRE DAMPER	RECTANGULAR DUCT (FIRST DIMENSION, SIDE SHOWN)
FSD	COMBINATION FIRE/SMOKE DAMPER	ROUND DUCT
B.O.D.	BOTTOM OF DUCT	INTERNALLY LINED DUCT
B.O.B.	BOTTOM OF BEAM	AIR FLOW ARROW
A.F.F.	ABOVE FINISHED FLOOR	DUCT CONTINUATION SYMBOLS
●	CONNECT TO EXISTING	CONDENSATE PIPE
		REFRIGERANT PIPE



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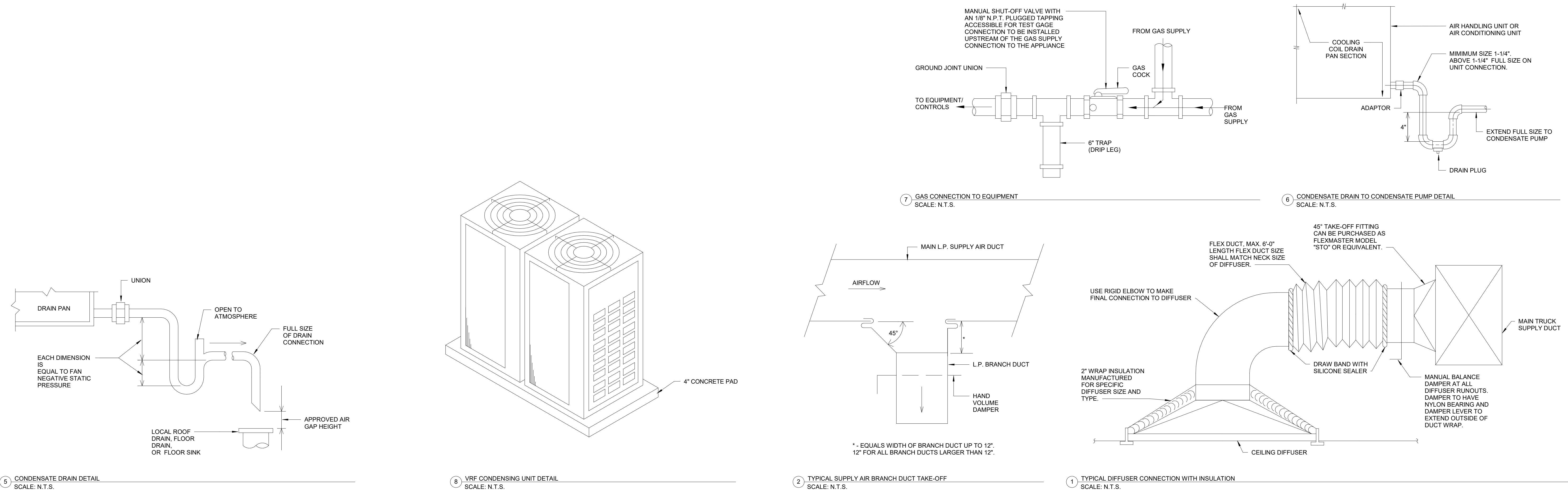
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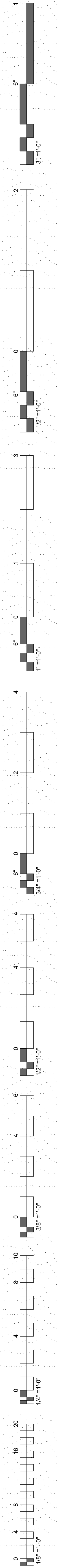
DATE: 09/21/2020 JOB NUMBER: 18-01.14

SHEET NUMBER: M1.2

MECHANICAL LEGEND AND DETAILS

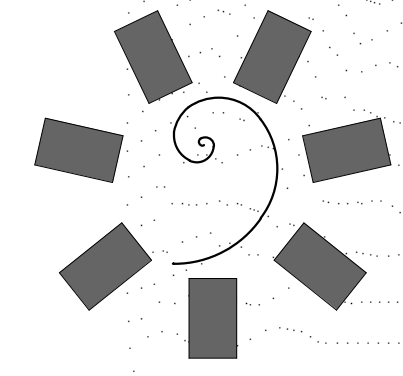


MECHANICAL LEGEND AND DETAILS

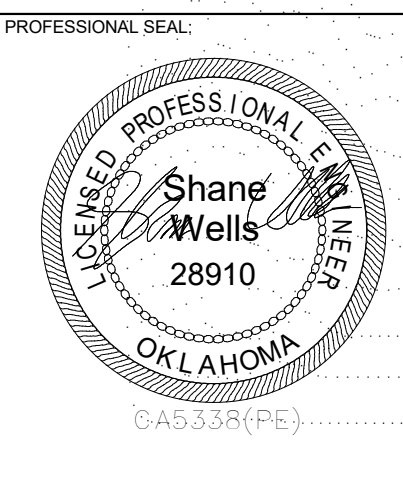


NOTES:
 1. REFRIGERANT LINES SHALL BE ROUTED FROM INDOOR COOLING COIL TO CORRESPONDING OUTDOOR CONDENSING UNIT ABOVE CEILING AND THRU WALLS SO THAT THEY ARE NOT VISIBLE TO OCCUPANT.
 2. REFRIGERANT LINES SHALL BE SIZED PER MANUFACTURER'S RECOMMENDATIONS FOR TONNAGE AND NOMINAL LENGTH OF REFRIGERANT LINES.
 3. 1" CONDENSATE LINES SHALL BE ROUTED FROM INDOOR COOLING COILS DOWN EXTERIOR WALL TO 1/2" AFG AND DISCHARGE TO GRADE.

KEYNOTES
 23.01 PROVIDE 24" HOOD ABOVE RANGE MFR. BLUESTAR MODEL BS-FLO24V2. INSTALL 12" GREASE DUCT THRU WALL WITH MFR VENT CAP. PROVIDE GARDIAN FIRE SUPPRESSION SYSTEM WITH HOOD.

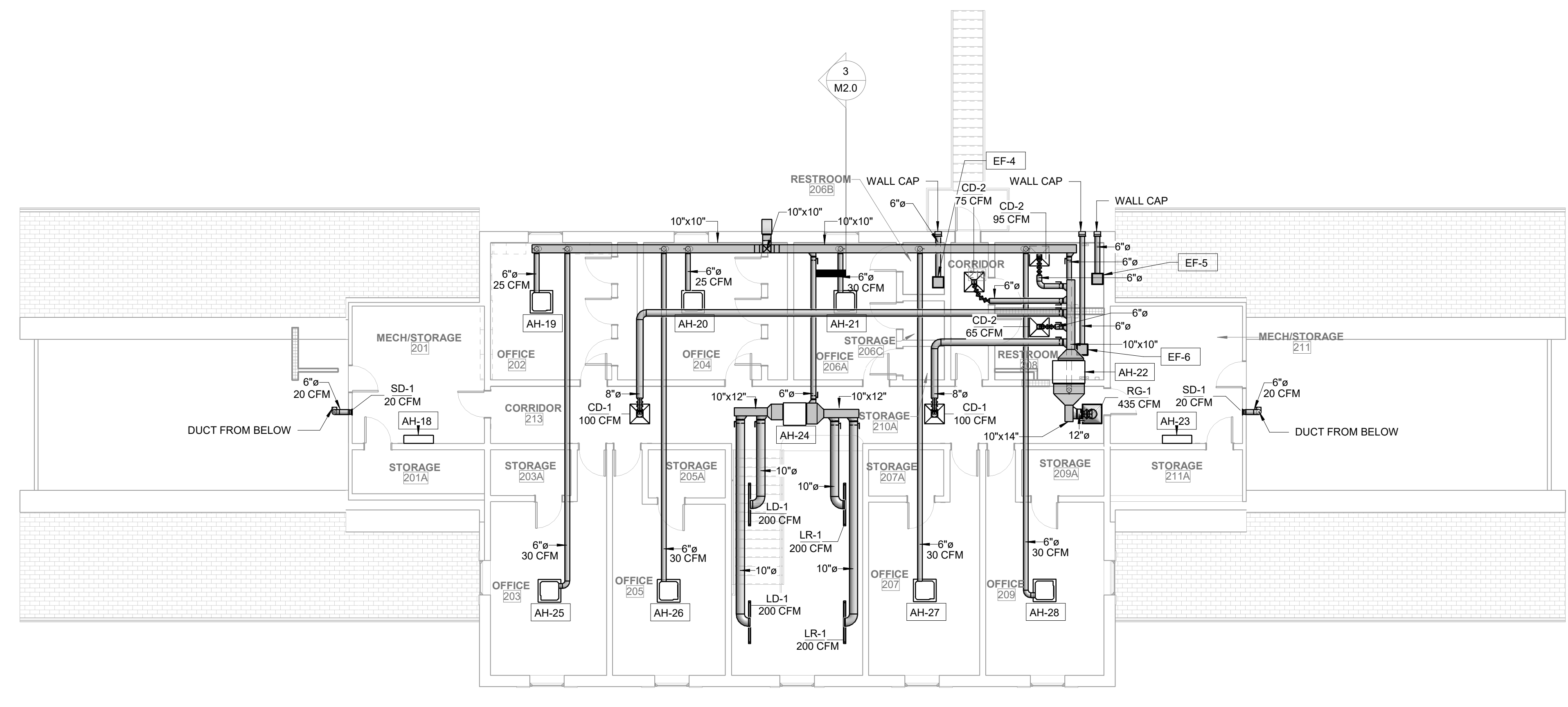


James R. Childers Architect, Inc.
 45 South 4th Street
 Fort Smith, AR 72901
 479-783-2450
 www.childersarchitect.com

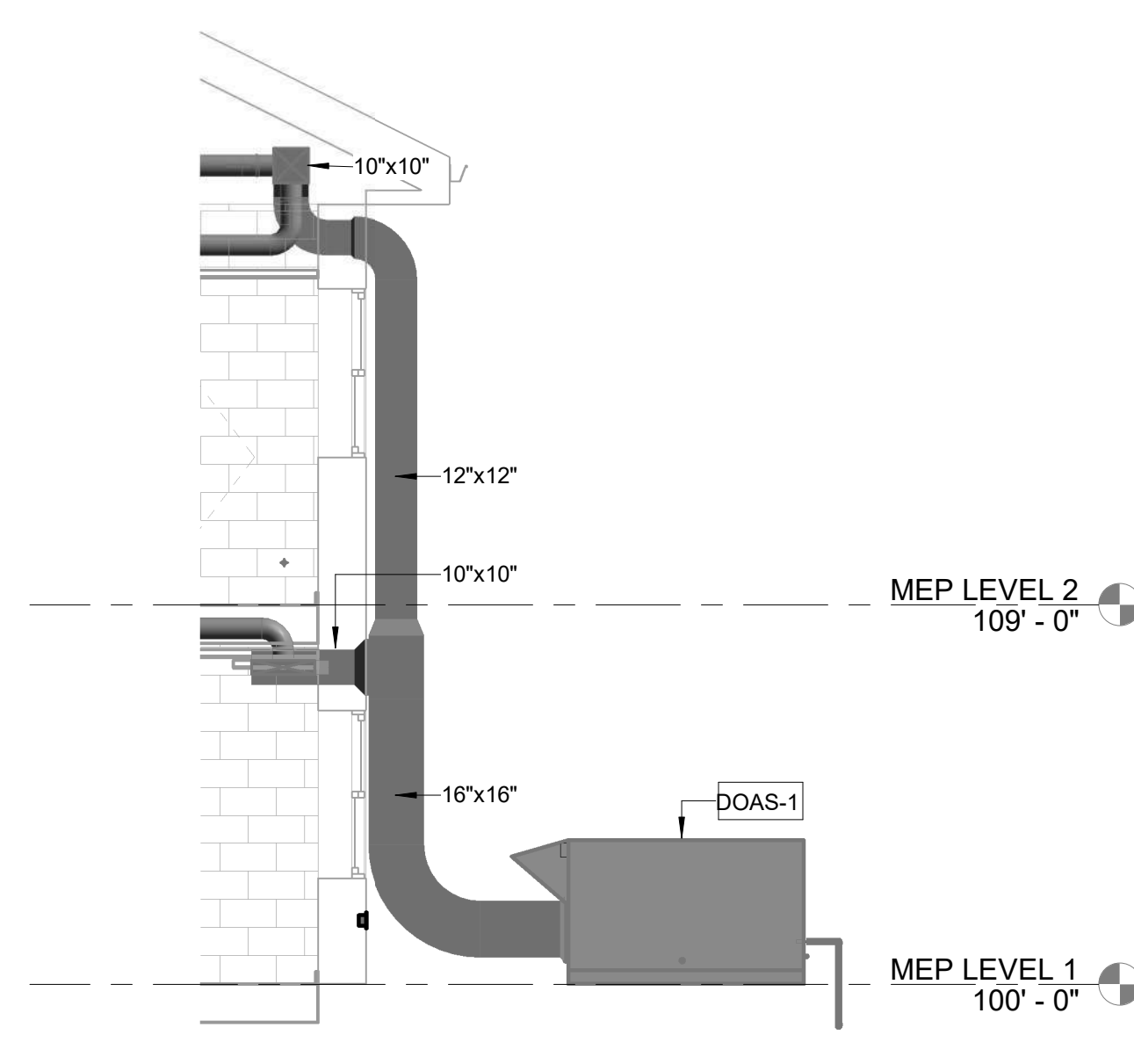


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 SUITE 120
 FORT SMITH, AR 72908
 www.hpengineering.com

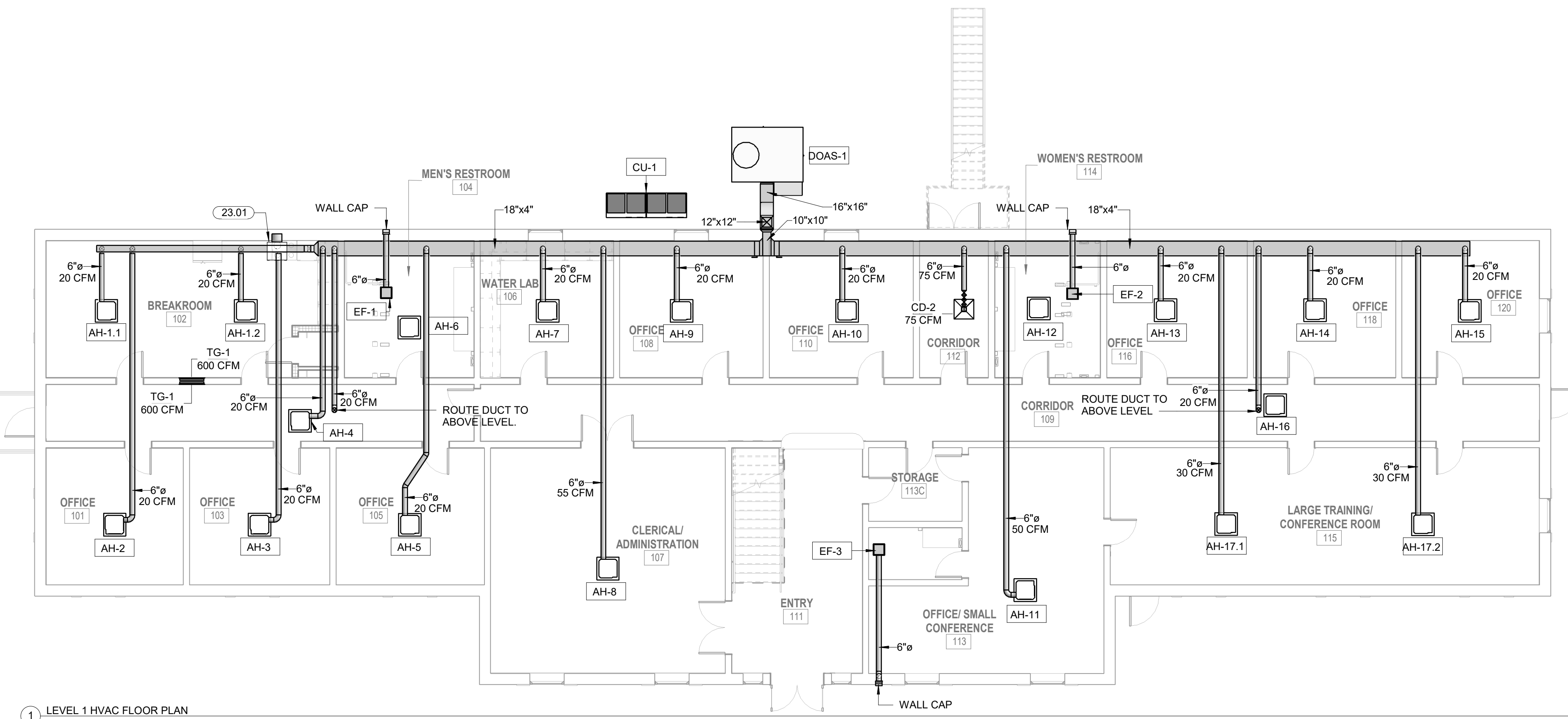
CLIENT:



2 LEVEL 2 HVAC FLOOR PLAN
 1/8" = 1'-0"



3 DOAS SECTION VIEW
 1/4" = 1'-0"



1 LEVEL 1 HVAC FLOOR PLAN
 1/8" = 1'-0"

ENVIRONMENTAL HEALTH - MARKOMA BUILDING
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KEY PLAN:

PROJECT PHASE:

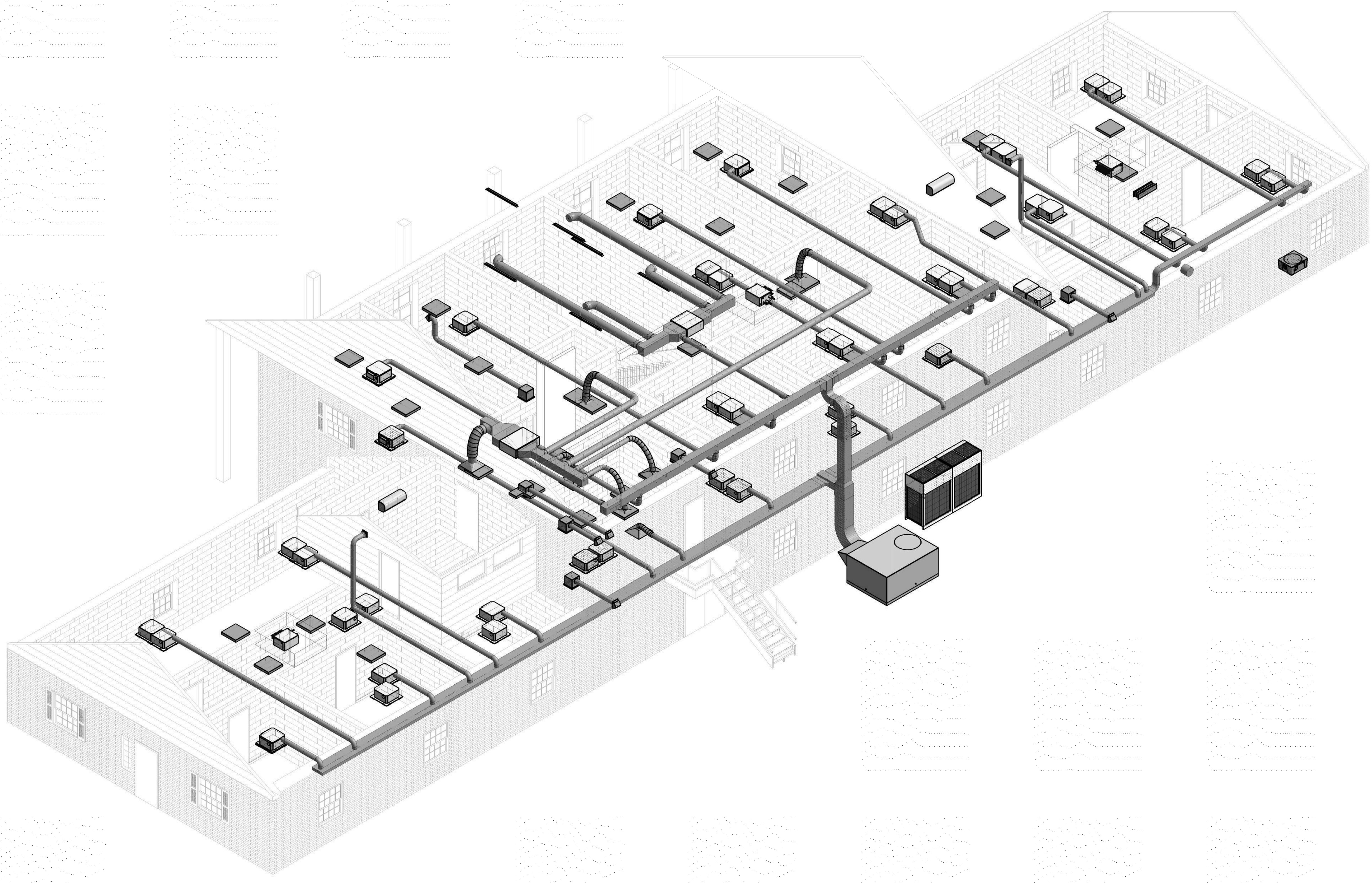
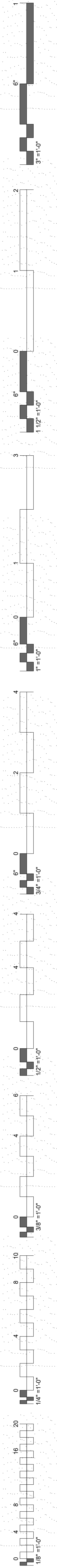
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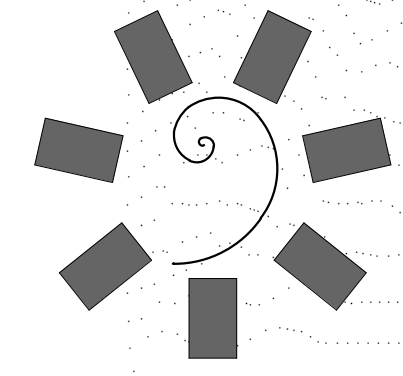
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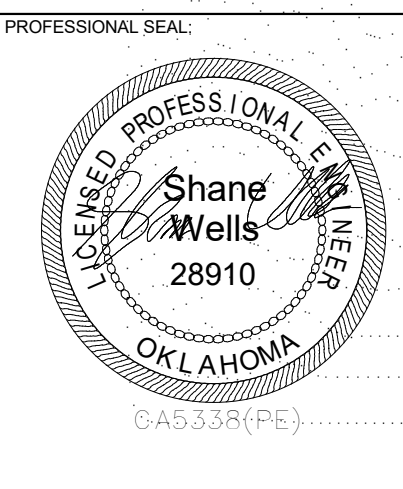
MECHANICAL HVAC FLOOR PLAN



1 MECHANICAL AXONOMETRICS PLAN
N.T.S.



**James R. Childers
Architect, Inc.**
45 South 4th Street
Fort Smith, AR 72901
479-783-2450
www.childersarchitect.com



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HP ENGINEERING
PROJECT NO. 200378R
100% COMPLETE
HP ENGINEERING INC.
524 W. VILLAGE PARKWAY
SUITE 120
FORT SMITH, AR 72908
www.hpengineeringinc.com

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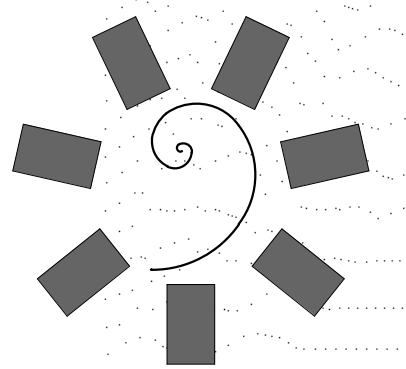
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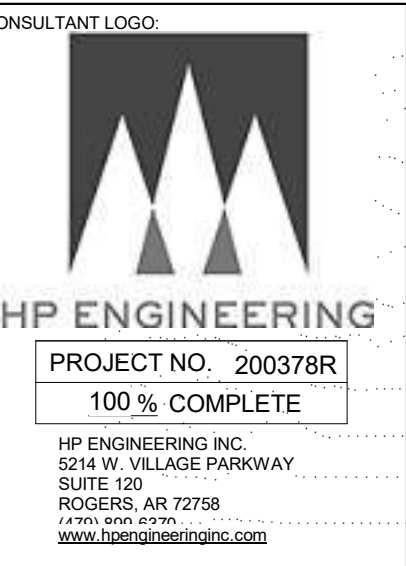
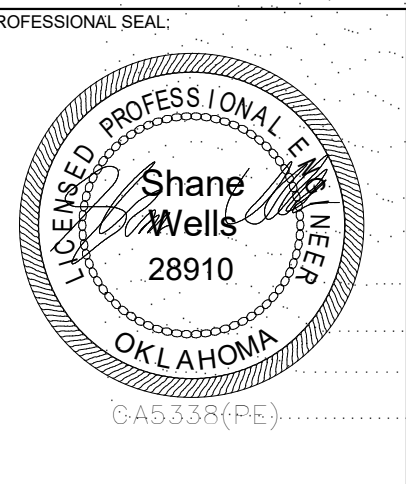
DATE: 09/21/2020 JOB NUMBER: 18-01.14

SHEET NUMBER:
M2.2

MECHANICAL
AXONOMETRIC PLAN



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Architect, Inc.**
45 South 4th Street
Fort Smith, AR 72901
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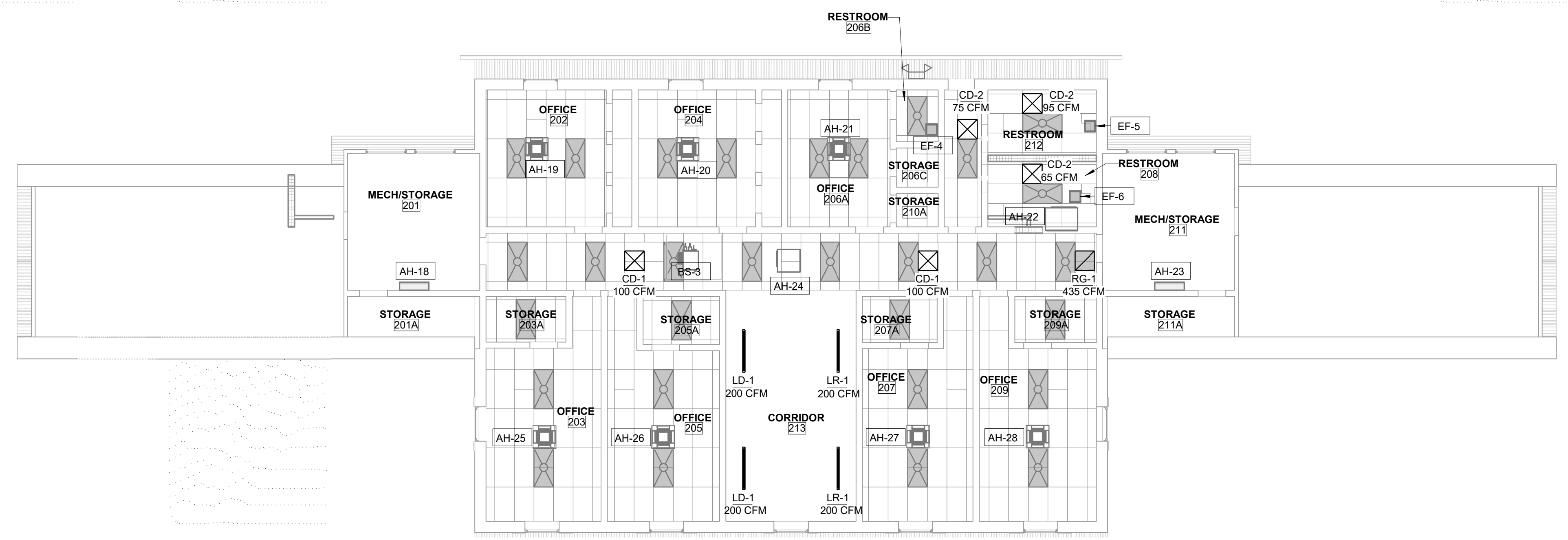
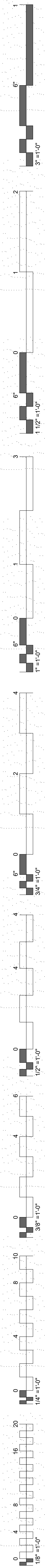
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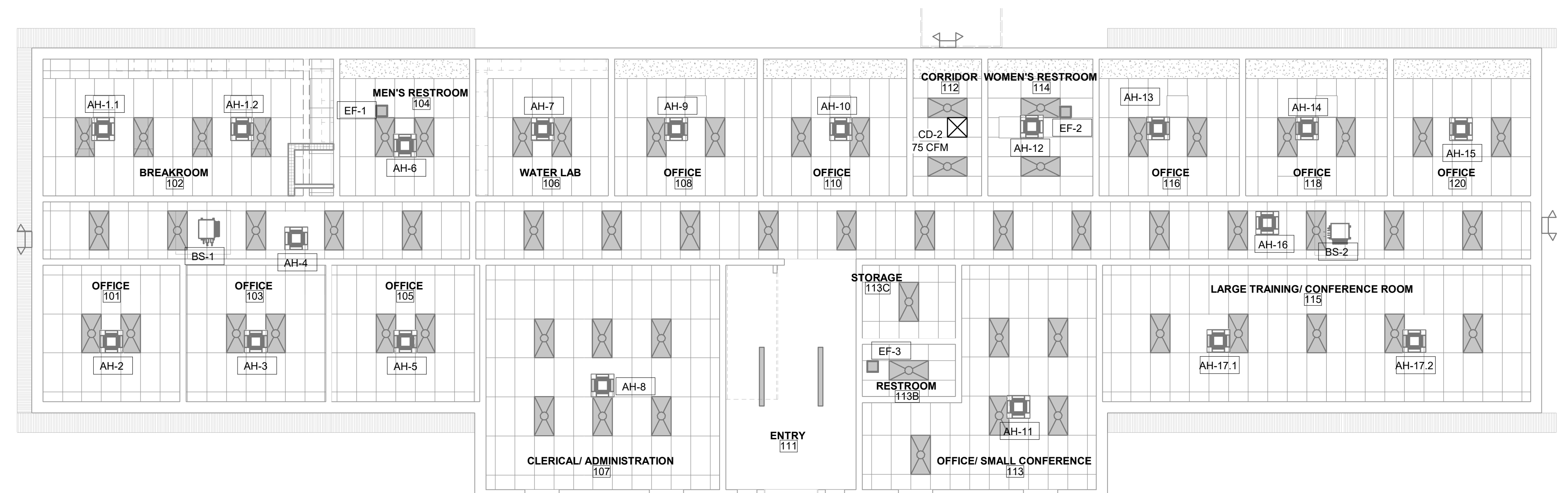
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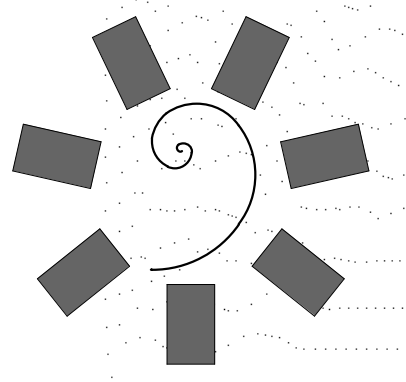
M2.3
MECHANICAL REFLECTED CEILING PLAN



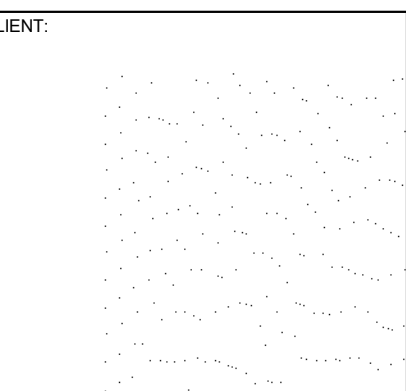
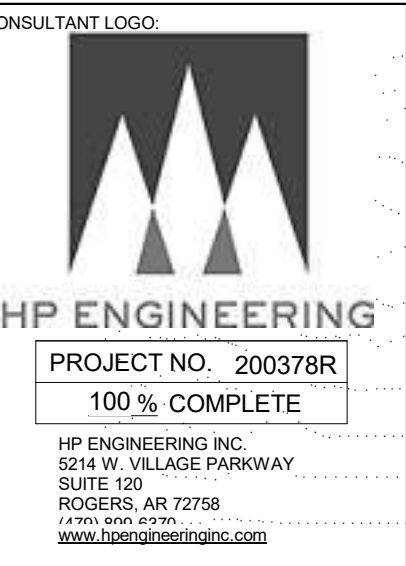
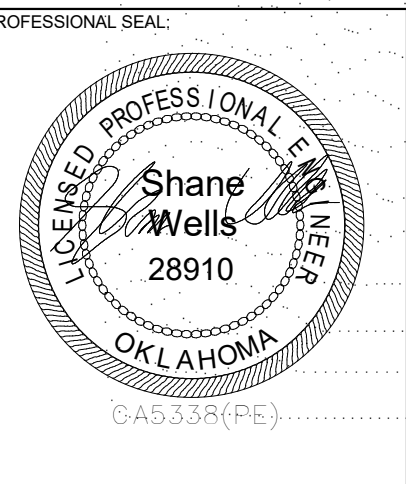
2 LEVEL 2 MECHANICAL REFLECTED CEILING PLAN
1/8" = 1'-0"



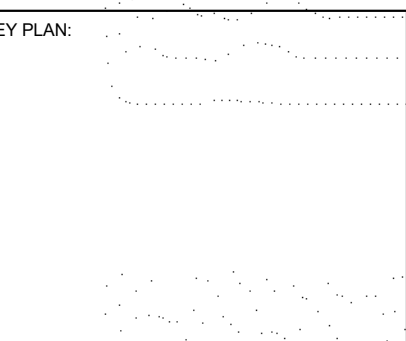
1 LEVEL 1 MECHANICAL REFLECTED CEILING PLAN
1/8" = 1'-0"



**James R. Childers
Architect, Inc.**
45 South 4th Street
Fort Smith, AR 72901
479-783-2450
www.childersarchitect.com



**ENVIRONMENTAL HEALTH - MARKOMA
BUILDING**
1501 Graham Avenue Tahlequah, OK 74464

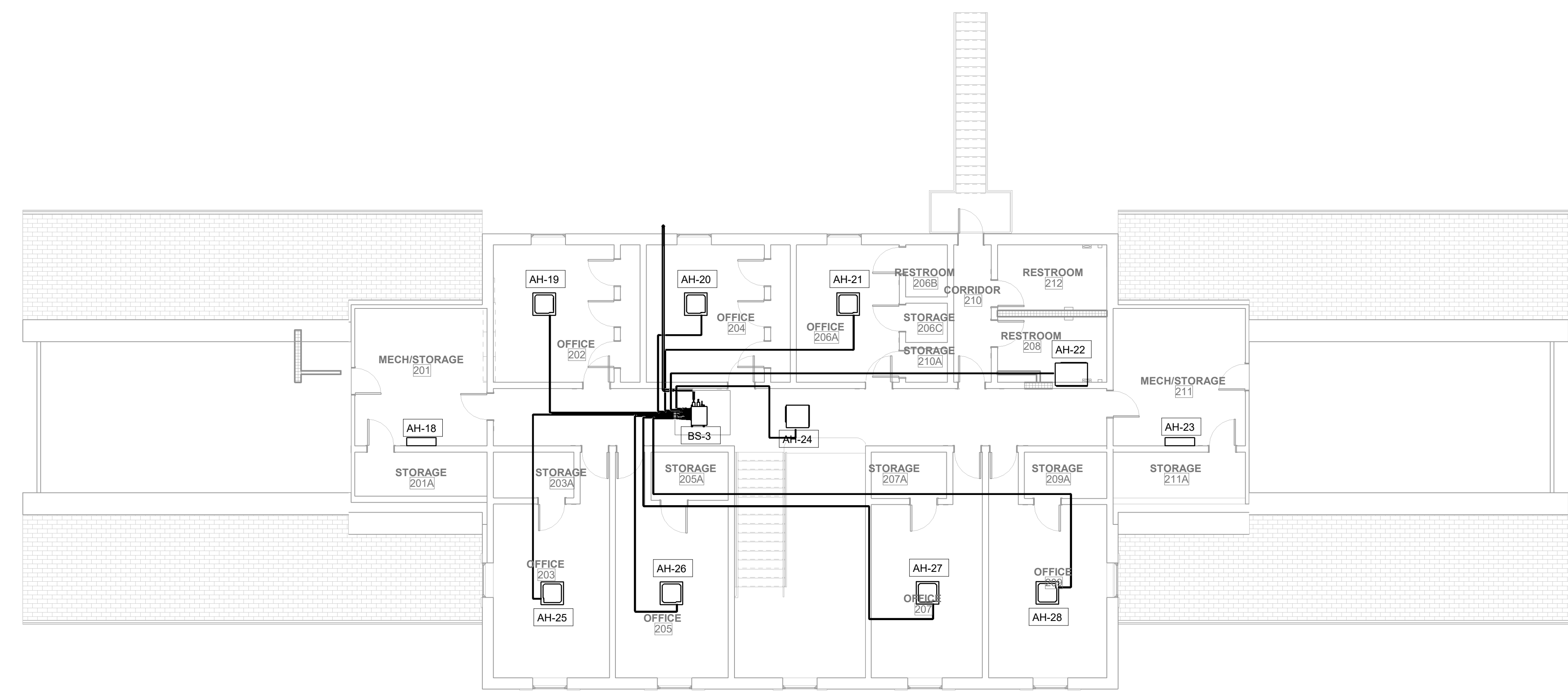
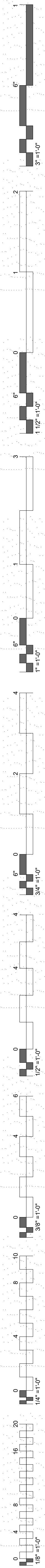


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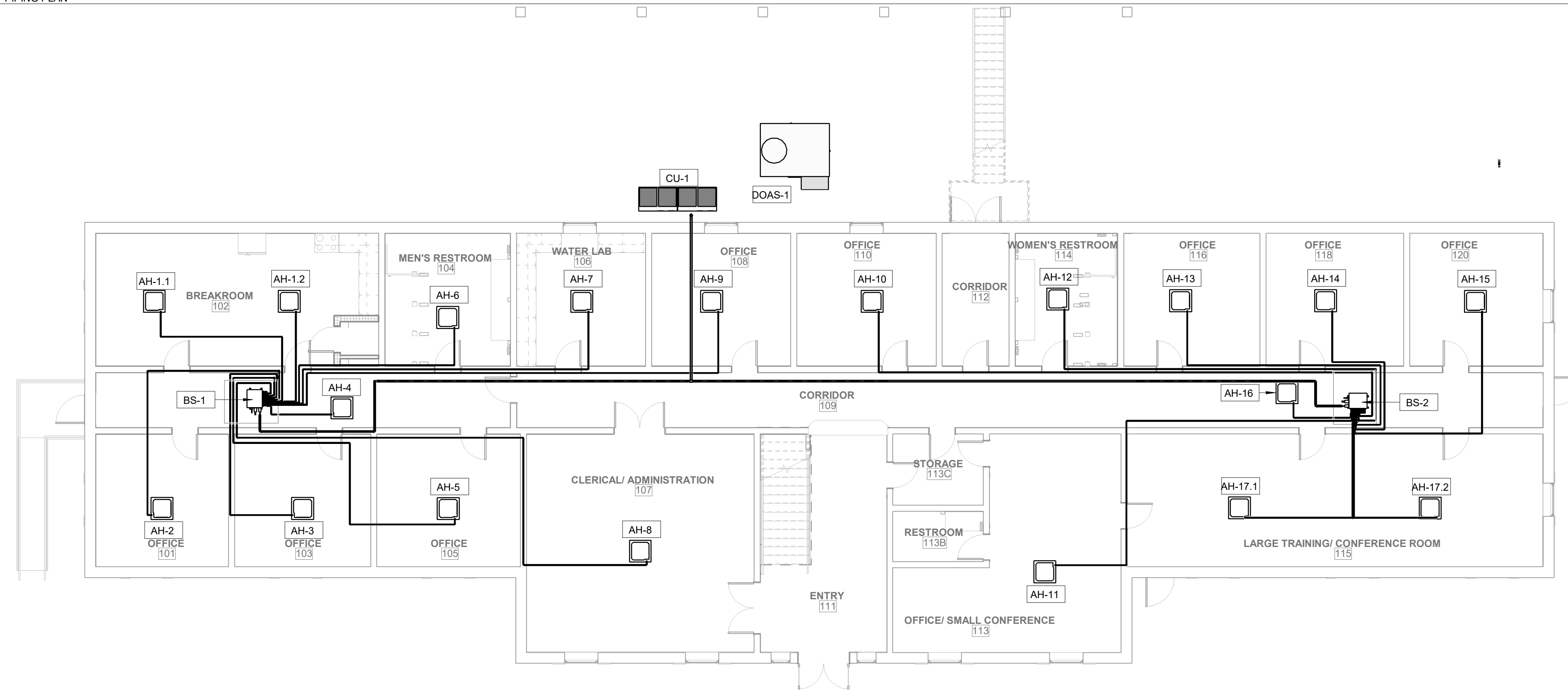
DATE: 09/21/2020 JOB NUMBER: 18-01.14

SHEET NUMBER: M2.4

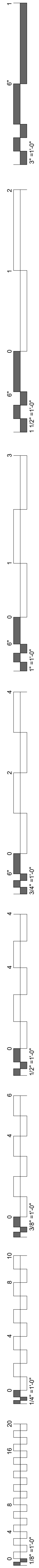
MECHANICAL VRF PIPING PLAN



2 LEVEL 2 VRF PIPING PLAN
1/8" = 1'-0"

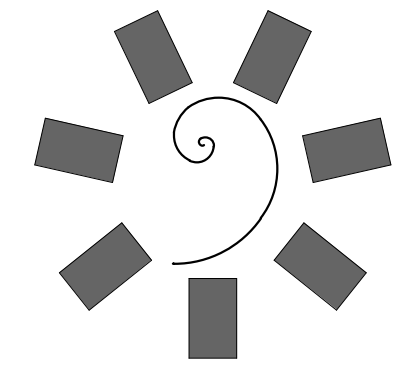
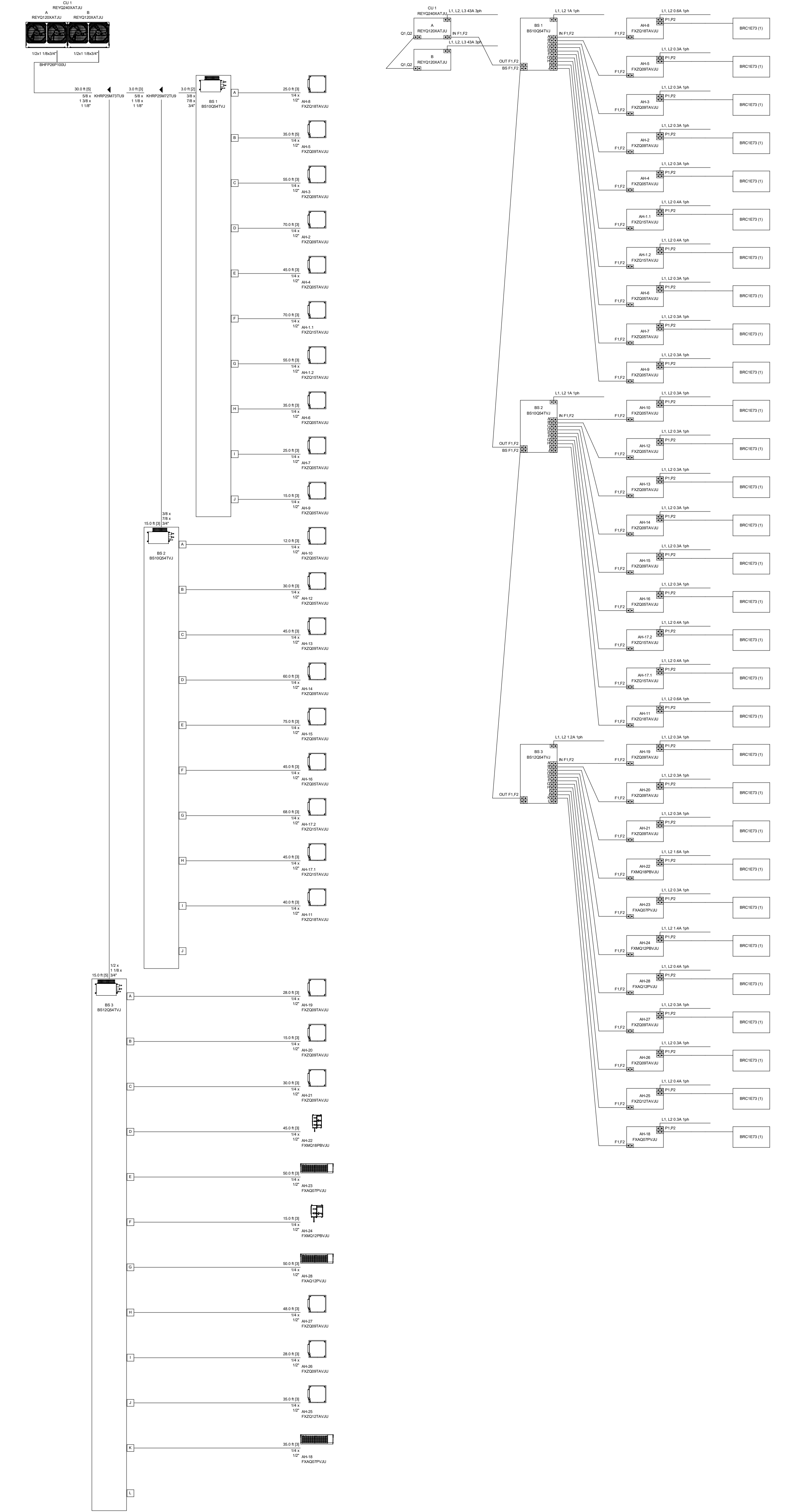


1 LEVEL 1 VRF PIPING PLAN
1/8" = 1'-0"

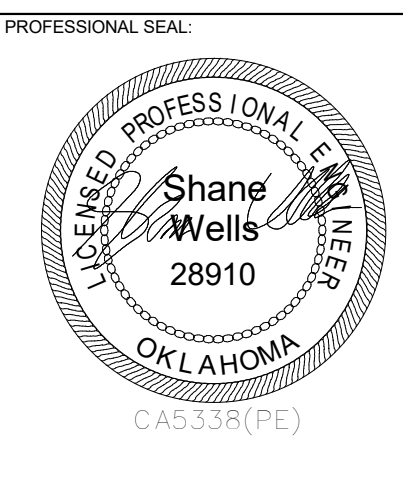


Sheet	USA
Project	Environmental Health - Markoma Building
Title	VRF WIRING
Client	OKLAHOMA HEALTH SERVICES
Location	1501 GRAHAM AVENUE, TAHLEQUAH, OKLAHOMA
Scale	AS SHOWN
Drawn By	W. HARRIS

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CLIENT:

**ENVIRONMENTAL HEALTH - MARKOMA
BUILDING**
1501 Graham Avenue Tahlequah, OK 74464

KEY PLAN:

PROJECT PHASE:

#	DATE	REVISIONS DESCRIPTION

DATE: 09/21/2020 JOB NUMBER: 18-01.14

SHEET NUMBER:
M2.5

VRF WIRING & PIPING
DIAGRAMS

EXISTING ELECTRICAL AND DEMOLITION NOTES

- PRIOR TO SUBMITTING BID, VISIT THE JOB SITE AND BECOME FULLY ACQUAINTED WITH THE EXISTING CONDITIONS OF THE FACILITY AND RELATED SITE. REVIEW THE GENERAL NOTES AND ALL OTHER TRADE DRAWINGS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT, ENGINEER OR OWNER, AS SPECIFIED, OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMITTING BID.
- ANY EXISTING CONDITIONS REFLECTED WERE TAKEN FROM ORIGINAL DRAWINGS AND SITE VISITS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. FIELD VERIFY ALL EXISTING CONDITIONS AND CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.
- PROVIDE ALL DEMOLITION OF EXISTING ELECTRICAL SYSTEMS AND NEW ELECTRICAL SYSTEM MODIFICATIONS REQUIRED BECAUSE OF BUILDING REMODELING, AS NOTED ON THE DRAWINGS, OR NECESSARY FOR PROPER OPERATION AND NEW CONSTRUCTION. REMOVE ALL ABANDONED CABLES AND WIRINGS ABOVE ACCESSIBLE CEILINGS AND VENTILATION SHAFTS.
- COORDINATE INTERRUPTION OF ALL BUILDING SERVICES INCLUDING BUT NOT LIMITED TO BRANCH CIRCUITS, DATA, TELEPHONE, ETC WITH BUILDING OWNER PRIOR TO INTERRUPTION. PROVIDE LABOR AND MATERIALS AS REQUIRED TO REDUCE INTERRUPTIONS IN ORDER TO MAINTAIN EXISTING OPERATION.
- PAY SPECIAL ATTENTION NOT TO DAMAGE THE FINISH OF EXISTING WALLS AND CEILINGS THAT ARE TO REMAIN WHEN REMOVING OR REPLACING LIGHT FIXTURES AND OTHER ELECTRICAL DEVICES. REPAIR ANY DAMAGE CAUSED DURING WORK AT NO EXTRA COST TO THE OWNER. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- RELOCATE ALL EXISTING ELECTRICAL, FIRE ALARM, AND OTHER LOW-VOLTAGE SYSTEMS REQUIRED TO BE IN OPERATION AT SUBSTANTIAL COMPLETION OF THE CONTRACT. IF REQUIRED, AS A RESULT OF WORK INCLUDED UNDER THIS CONTRACT, EVEN IF NOT SPECIFICALLY INDICATED IN THE DRAWINGS OR SPECIFICATIONS.
- SEAL ALL PENETRATIONS THROUGH FLOORS, WALLS, CEILINGS, AND ROOF WHERE ELECTRICAL COMPONENTS ARE REMOVED AND WHERE THE EXISTING PENETRATION IS NOT USED FOR THE NEW INSTALLATION. REPAIR DAMAGED SURFACES TO MATCH ADJACENT AREAS OR AS DIRECTED BY THE OWNER.
- UNLESS NOTED OTHERWISE, ABANDONED CONDUIT ASSEMBLIES SERVING DEMOLISHED DEVICES SHALL BE REMOVED BACK TO NEAREST JUNCTION BOX OUTSIDE OF AREA OF DEMOLITION AND LABELED AS REQUIRED FOR FUTURE USE. ASSOCIATED WIRING SHALL BE REMOVED BACK TO SERVING PANELBOARD. UPDATE PANELBOARD CIRCUIT DIRECTORY AS REQUIRED TO INDICATE RELATED CIRCUIT(S) AS "SPARE".
- ANY PANELBOARD CIRCUIT DESCRIPTIONS SHOWN AS "existing" OR IN OTHER LOWER CASE LETTERING IS INTENDED TO REFLECT AN EXISTING CIRCUIT TO REMAIN UNLESS OTHERWISE IDENTIFIED DIFFERENTLY THRU THE COURSE OF CONSTRUCTION.
- ALL CIRCUIT BREAKERS SERVING BRANCH CIRCUITS TO BE REMOVED SHALL REMAIN IN RESPECTIVE PANELBOARD FOR FUTURE USE UNLESS NOTED OTHERWISE.
- EXISTING DEVICES ARE SHOWN LIGHT. NEW DEVICES ARE SHOWN BOLD.

GENERAL POWER NOTES

- ALL RECEPTACLES SHALL BE GROUNDING TYPE.
- ALL RECEPTACLES INSTALLED IN BATHROOMS, OUTDOORS AND KITCHENS SHALL HAVE GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION AS REQUIRED BY THE NATIONAL ELECTRIC CODE.
- COORDINATE MECHANICAL EQUIPMENT CONNECTION REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. LOCATE FEEDERS, DISCONNECTS AND MAINTENANCE RECEPTACLES SO THAT THEY WILL NOT INTERFERE WITH OPERATION OR MAINTENANCE OF MECHANICAL EQUIPMENT.
- PROVIDE POWER TO MECHANICAL, PLUMBING, AND ALL OTHER EQUIPMENT AS REQUIRED FOR PROPER OPERATION. COORDINATE AND VERIFY EACH PIECE OF EQUIPMENT'S POWER/CONTROL REQUIREMENTS PRIOR TO ORDERING RELATED ELECTRICAL EQUIPMENT. REFER TO RELATED MECHANICAL, PLUMBING, AND OTHER RELATED DOCUMENTS FOR LOCATIONS OF EQUIPMENT AND REQUIRED CLEARANCES AROUND EQUIPMENT.
- COORDINATE EXACT MOUNTING HEIGHT OF EACH ABOVE COUNTER RECEPTACLE WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
- ALL OUTLETS LOCATED IN AREAS REQUIRING GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION PER NEC-210 SHALL CONSIST OF A GFCI PROTECTED DEVICE, EVEN IF NOT SPECIFICALLY INDICATED IN THE DRAWINGS. THE GROUND-FAULT CIRCUIT INTERRUPTER SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION AS DEFINED IN THE NEC. ALL RECEPTACLES SUPPLIED THROUGH A GROUND-FAULT CIRCUIT INTERRUPTER SHALL BE MARKED "GFCI PROTECTED."

GENERAL LOW VOLTAGE NOTES

- PROVIDE (1) 1/2" CONDUIT, AND 4" SQUARE BOX WITH SINGLE GANG DEVICE RING FOR ALL THERMOSTAT LOCATIONS INDICATED ON THE MECHANICAL DRAWINGS. ROUTE CONDUIT FROM BOX TO ACCESSIBLE CEILING CAVITY. PROVIDE PLASTIC BUSHINGS ON EXPOSED CONDUIT ENDS. PROVIDE PULL STRING IN ALL EMPTY CONDUIT SYSTEMS. COORDINATE EXACT LOCATIONS AND MOUNTING HEIGHTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.

GENERAL LIGHTING NOTES

- WHERE RECESSED LIGHTING FIXTURES ARE INDICATED IN A FIRE RATED CEILING, PROVIDE A ONE HOUR RATED "TENT" FOR FIXTURE.
- PROVIDE ALL MOUNTING AND SUPPORT HARDWARE FOR LIGHT FIXTURES TO MEET SPECIFIED MOUNTING HEIGHTS. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF FIXTURES.
- CONNECT "UN-SWITCHED" HOT CONDUCTOR FROM CIRCUIT SERVING SPACE LIGHTING TO EACH EXIT SIGN, EMERGENCY LIGHT, AND ANY FIXTURE DESIGNATED AS NIGHT LIGHT SERVING THE SPACE.
- COORDINATE ALL DEVICES AND WALL-MOUNTED LIGHT FIXTURE LOCATIONS WITH THE ARCHITECTURAL WALL FINISHES AND ELEVATIONS. SPECIAL ATTENTION AND COORDINATION OF WALL TYPES AND FINISHES IS REQUIRED PRIOR TO ROUGH-IN. EXACT LOCATION OF DEVICES SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO ROUGH-IN TO AVOID INSTALLATION ON SPECIAL ARCHITECTURAL WALL FINISHES. DEVICES NOT PROPERLY COORDINATED WITH THE SPECIAL WALL FINISHES INDICATED IN THE CONSTRUCTION DOCUMENTS PRIOR TO ROUGH-IN SHALL BE RELOCATED AT NO ADDITIONAL COST TO THE OWNER.

GENERAL ELECTRICAL NOTES

- DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL SCOPE OF THE WORK. REVIEW ALL GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS.
- SPECIAL ATTENTION SHALL BE GIVEN TO ALL RACEWAYS WITHIN FINISHED AREAS WITHOUT CEILINGS AND EXPOSED TO STRUCTURE. IN GENERAL, ALL RACEWAYS SHALL BE CONCEALED WITHIN WALLS, ABOVE STRUCTURE FINISH OR BELOW FLOOR SLABS WHEN SPECIFIED. WHERE EXPOSED CONDITIONS ARE NECESSARY OR UNAVOIDABLE DUE TO OTHER CONDITIONS, THE BID SHALL INCLUDE ANY REASONABLE MEANS TO MINIMIZE THE AMOUNT OF SURFACE MOUNTED EQUIPMENT. PRIOR TO ROUGH-IN, COORDINATE ALL EXPOSED RACEWAY AND BOX CONDITIONS WITH ARCHITECT PRIOR TO CONSTRUCTION OF WALLS, ROOF DECK, OR FLOOR SLABS. ATTACHMENT TO ROOF DECK OR JOIST WEBBINGS IS NOT ALLOWED. MAINTAIN A MINIMUM SPACING OF 1-1/2" FROM CONDUIT TO ROOF DECK. IN AREAS WHERE EXPOSED RACEWAYS ARE REQUIRED, INSTALL SYSTEMS SQUARE AND TIGHT TO STRUCTURE AND PAINT TO MATCH THE STRUCTURE PER ARCHITECT AND/OR OWNER. SPECIFICATIONS, FAILURE TO PROPERLY COORDINATE THE ROUTING OF EXPOSED RACEWAYS MAY RESULT IN RELOCATION OF SUCH RACEWAYS AT NO ADDITIONAL COST TO THE OWNER.
- OPENINGS AROUND ELECTRICAL PENETRATIONS THROUGH FIRE-RESISTANT RATED WALLS, PARTITIONS, FLOORS OR CEILINGS SHALL BE FIRE STOPPED USING APPROVED METHODS TO MAINTAIN THE FIRE RESISTANCE RATING. PROVIDE PENETRATION FIRE STOPPING WITH RATINGS DETERMINED PER ASTM E 814 OR UL 1479. FIRE STOPPING SHALL NOT BE LESS THAN FIRE RESISTANCE RATING OF CONSTRUCTED PENETRATIONS.
- FIELD MOUNTED DEVICES SUCH AS SWITCHES, MOTOR STARTERS, RECEPTACLES, ETC., ARE SHOWN IN THEIR APPROXIMATE LOCATION. SWITCH MOUNTING HEIGHT SHALL BE 48" ABOVE FINISHED FLOOR AND RECEPTACLE MOUNTING HEIGHT SHALL BE 18" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED. REFER TO THE TYPICAL MOUNTING HEIGHT DETAIL.
- INSTALL EQUIPMENT IN A MANNER TO REMAIN ACCESSIBLE WITH REASONABLE MEANS BY THE OWNER FOLLOWING COMPLETION OF WORK. SPECIAL ATTENTION AND ADDITIONAL COORDINATION IS EXPECTED IN AREAS OF THE BUILDING WHERE THE CEILING AND STRUCTURE HEIGHTS HAVE SIGNIFICANT DIFFERENT ELEVATIONS. EQUIPMENT REQUIRING POSSIBLE FUTURE ACCESS SHALL BE INSTALLED SUCH THAT IT MAY BE SAFELY ACCESSED FROM A STANDARD STEP LADDER OR PERSONNEL LIFT SUITABLE FOR THE LOCATION AND CEILING HEIGHT, WITHOUT REMOVING OR DAMAGING THE CEILING GRID STRUCTURE.
- COORDINATE ALL CEILING MOUNTED ELECTRICAL ITEMS WITH OTHER DISCIPLINES, WITH CEILING, AND STRUCTURE. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN.
- FIELD VERIFY LOCATIONS OF EXISTING ELECTRICAL EQUIPMENT, INCLUDING POWER POLES, TELEPHONE PEDESTALS, OVERHEAD AND UNDERGROUND FEEDERS, METERS, PANELS, DEVICES, ETC. PROVIDE FOR COORDINATION WITH EXISTING EQUIPMENT.
- ROOM NAMES/NUMBERS SHOWN IN PANELBOARD SCHEDULES ARE PER ARCHITECTURAL FLOOR PLANS. CONTRACTOR SHALL PROVIDE FINALIZED PANELBOARD SCHEDULES AT COMPLETION OF PROJECT WITH OWNER PROVIDED ROOM NAMES/NUMBERS.
- CONDUCTORS FOR BRANCH CIRCUITS AS DEFINED IN ARTICLE 100, SHALL BE SIZED TO PREVENT A VOLTAGE DROP EXCEEDING 3% AT THE FARTHEST LOAD, AND WHERE THE MAXIMUM TOTAL VOLTAGE DROP ON BOTH FEEDERS AND BRANCH CIRCUITS TO THE FARTHEST LOAD DOES NOT EXCEED 5%.
- ALL WORK IS TO BE PERFORMED IN STRICT COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE, STATE LAWS, ALL AUTHORITIES HAVING JURISDICTION, AND ALL OTHER REGULATIONS GOVERNING WORK OF THIS NATURE.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK, MATERIAL, AND LABOR TO SATISFY A COMPLETE AND WORKING SYSTEM WHETHER SPECIFIED OR IMPLIED.
- CONTRACTOR TO CONFIRM EXACT LOCATION OF EXISTING AND NEW EQUIPMENT.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL GROUNDING SYSTEMS (AS REQUIRED) IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
- ALL ELECTRIC MATERIALS AND EQUIPMENT FOR THE PROJECT SHALL BE NEW AND U.L. OR EQUIVALENT LISTED.
- SUBMIT TO THE OWNER CERTIFICATES OF INSPECTIONS IN DUPLICATE FROM AN APPROVED INSPECTION AGENCY UPON COMPLETION.
- THE CONTRACTOR SHALL SECURE ALL PERMITS OR APPLICATIONS AND PAY ANY AND ALL FEES AS REQUIRED.
- THE CONTRACTOR SHALL FURNISH ALL INSTRUMENTS AND QUALIFIED PERSONNEL OR FIRM TO PERFORM ALL REQUIRED TESTS.
- NO EQUIPMENT SHALL BE ENERGIZED UNTIL ALL TEST AND ADJUSTMENTS HAVE BEEN MADE. THREE COPIES OF ALL TEST RESULTS SHALL BE DELIVERED TO THE OWNER.
- ALL ELECTRICAL WORK SHALL BE COORDINATED WITH THE MECHANICAL WORK AS CALLED FOR IN MECHANICAL SPECIFICATIONS AND PLANS.
- JUNCTION BOXES LOCATED ABOVE GRID CEILINGS SHALL BE LOCATED NO GREATER THAN 4 FEET ABOVE THE CEILING IN A LOCATION ACCESSIBLE VIA A LADDER FROM THE ROOM BELOW.
- ALL WIRING DEVICE COVERPLATES SHALL INDICATE PANELBOARD AND CIRCUIT SERVING THE DEVICE. UTILIZE CLEAR VINYL (BLACK LETTERING) IDENTIFICATION LABELS MANUFACTURED BY 3M COMPANY (OR APPROVED EQUIVALENT).
- THE TYPE OF CONDUIT SHALL BE AS FOLLOWS FOR ALL FEEDERS AND DISTRIBUTION CIRCUITS, UNLESS OTHERWISE SPECIFIED:

APPLICATION - TYPE OF CONDUIT
BURIED IN CONCRETE OR OUTDOORS - PVC WITH RIGID GALVANIZED STEEL ELBOWS
SERVICE ENTRANCE - GALVANIZED RIGID STEEL OR SERVICE UTILITY SPECIFICATIONS.
- DESIGNATED SPARE CIRCUIT BREAKERS SHALL BE PLACED IN THE OFF POSITION.
- PROVIDE SPD AS REQUIRED FOR OWNER PROVIDED EQUIPMENT, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: ACCESS CONTROL SYSTEM, COMMUNICATION SYSTEM, DATA SYSTEM, SECURITY SYSTEM.

ABBREVIATIONS

AC	ABOVE COUNTER	IG	ISOLATED GROUND
AFF	ABOVE FINISHED FLOOR	MCFC	MOTOR CONTROL CENTER
CB	CIRCUIT BREAKER	NEC	NATIONAL ELECTRICAL CODE
E	EXISTING	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
EC	ELECTRICAL CONTRACTOR	NIC	NOT IN CONTRACT
EP	EXPLOSION PROOF	NL	NIGHT LIGHT
GFI	GROUND FAULT CIRCUIT INTERRUPTER	UG	UNDERGROUND
GR	GROUND RAY	UNO	UNLESS OTHERWISE NOTED
HP	HORSE POWER	WP	WEATHERPROOF
		WR	WEATHER RESISTANT

WIRING

- WIRING CONCEALED IN CEILING OR WALLS UNO. ALL WIRE IS NUMBER #12 AWG MINIMUM.
- EXPOSED RACEWAY.
- UNDERGROUND RACEWAY; TYPE, SIZE, CONDUCTORS, AND ARRANGEMENT BY NOTATION OR SCHEDULE.

SWITCHES

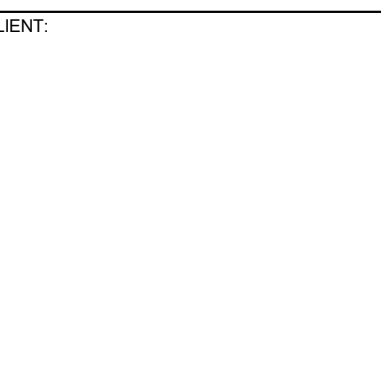
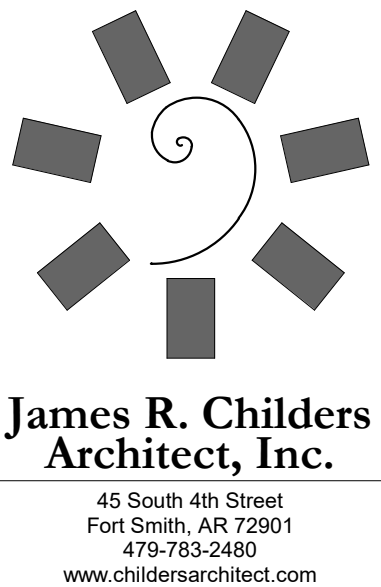
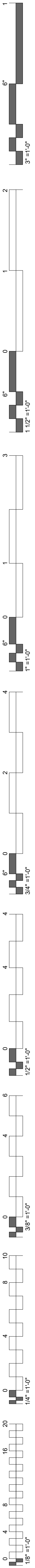
- \$* SWITCH MOUNTED AT +48" SINGLE POLE UNO. LOWER CASE LETTER, WHEN PRESENT, INDICATES FIXTURES CONTROLLED.
- *ABBREVIATIONS FOR SWITCH:
 - 2 DOUBLE POLE SWITCH
 - 3 3-WAY SWITCH
 - 4 4-WAY SWITCH
 - D DIMMER SWITCH (SHALL BE COMPATIBLE WITH FIXTURE BEING DIMMED)
 - F FAN SWITCH- DUAL OPERATION WITH DIMMER
 - K KEYSWITCH
 - M MOTOR RATED SWITCH
 - OS DUAL TECHNOLOGY OCCUPANCY SENSOR
 - V VOLUME CONTROL SWITCH
- ◇ OS CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH SPARE RING CONTACTS. HUBBELL OMNIDARP SERIES

RECEPTACLES

- ⊕ DUPLEX RECEPTACLE (NEMA 5-20R)
- ⊕ DUPLEX RECEPTACLE (NEMA 5-20R); MOUNTED 8" ABOVE COUNTERTOP.
- ⊕⊕ (ALL RECEPTACLE TYPES) WITH USB CHARGING PORTS
- ⊕ GFI DUPLEX RECEPTACLE (NEMA 5-20R), SELF-TEST TYPE
- ⊕ GFI DUPLEX RECEPTACLE (NEMA 5-20R), SELF-TEST TYPE; MOUNTED 8" ABOVE COUNTERTOP.
- ⊕ QUADRUPLEX RECEPTACLE (TWO NEMA 5-20R)
- ⊕ SPECIAL RECEPTACLE: VERIFY NEMA TYPE WITH MANUFACTURER
- ⊕ TV FLOOR BOX WITH DATA: LEGRAND WIREMOLD SERIES RFB4E-OG OR RFB8E-OG WITH EVOLUTION COVER. ROUTE (2) 1" FOR DATA FROM FLOOR BOX TO NEAREST ACCESSIBLE CEILING SPACE. ON FLOOR LEVELS WITH ACCESSIBLE SPACE BELOW, USE POKE-THRU STYLE FLOOR BOXES. LEGRAND 6AT SERIES. SEE ARCHITECTURAL PLANS FOR LOCATION UNO.
- ⊕ TV TELEVISION: PROVIDE HUBBELL NSAV62M JUNCTION BOX (OR EQUAL) WITH 1/2" CONDUIT FOR POWER AND 1" CONDUIT (WITH PULL STRINGS) FOR TV ROUTED TO ACCESSIBLE CEILING SPACE. PROVIDE CONNECTIONS FOR POWER, DATA, COAX, AND HDMI. MOUNT AT +60" AFF UNO. CONFIRM HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.
- ⊕ SINGLE RECEPTACLE (NEMA 5-20R)
- ⊕ SPLIT WIRED DUPLEX RECEPTACLE (NEMA 5-20R)
- ⊕ DIRECT EQUIPMENT CONNECTION: VERIFY CONNECTION DETAILS WITH MANUFACTURER
- ⊕ FLOOR BOX: HUBBELL 3SFBSS WITH 3SFBG COVER. EC SHALL ROUTE A 1" FOR FLOOR BOX TO NEAREST ACCESSIBLE CEILING SPACE. ON FLOOR LEVELS WITH ACCESSIBLE SPACE BELOW, USE POKE-THRU STYLE FLOOR BOXES. HUBBELL PT2X2 SERIES. SEE ARCHITECTURAL PLANS FOR LOCATION UNO.
- ⊕ CEILING MOUNTED RECEPTACLE(NEMA 5-20R)

PANELS AND MISC.

- LIGHT OR POWER PANEL
- ⊕ 4x4 JUNCTION BOX.
- EQUIPMENT DISCONNECT: INTERIOR DISCONNECTS SHALL BE NEMA 1 TYPE. EXTERIOR DISCONNECTS SHALL BE NEMA 3R TYPE. SIZE AS INDICATED IN THE PLANS AND PER NAMEPLATE RATING.
- ▽ PHONE/DATA: PROVIDE 4"x4", 30-1/4 CUBIC INCH OUTLET BOX AT 8" ABOVE COUNTER (UNO) WITH (2) 3/4" CONDUITS (WITH PULL STRINGS) ROUTED TO ACCESSIBLE CEILING SPACE. PROVIDE SINGLE GANG MUD RING WITH BLANK COVER. PROVIDE PLASTIC BUSHINGS ON EXPOSED CONDUIT ENDS. WIRING BY OTHERS.
- ▽ PHONE/DATA: PROVIDE 4"x4", 30-1/4 CUBIC INCH OUTLET BOX AT +18" (UNO) WITH (2) 3/4" CONDUITS (WITH PULL STRINGS) ROUTED TO ACCESSIBLE CEILING SPACE. PROVIDE SINGLE GANG MUD RING WITH BLANK COVER. PROVIDE PLASTIC BUSHINGS ON EXPOSED CONDUIT ENDS. WIRING BY OTHERS.
- ▽ PHONE/DATA: PROVIDE 4"x4", 30-1/4 CUBIC INCH OUTLET BOX IN CEILING. PROVIDE SINGLE GANG MUD RING WITH BLANK COVER. WIRING BY OTHERS.
- ⊕ TV TELEVISION: PROVIDE 4x4 JUNCTION BOX WITH (2) 3/4" CONDUITS (WITH PULL STRINGS) ROUTED TO ACCESSIBLE CEILING SPACE. PROVIDE SINGLE GANG MUD RING WITH BLANK COVER. CONFIRM HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.
- ⊕ CEILING MOUNTED SPEAKER
- ⊕ CR CARD READER: REFER TO SYSTEM PLANS AND SPECIFICATIONS. AT EACH DOOR WITH A CARD READER PROVIDE ALL ELECTRICAL CONNECTIONS FOR DOOR HARDWARE SYSTEMS AS REQUIRED TO MAKE A COMPLETE OPERATIONAL SYSTEM. WHERE REQUIRED, BACK TO BACK 2"x4" BOXES ARE ALLOWED FOR CARD READER AND PUSH TO EXIT SWITCH. PROVIDE POWER TO THE LOCK SYSTEM IN THE LT. ROOM WHERE NEEDED BY CONTRACTOR INSTALLING SYSTEM.



ENVIRONMENTAL HEALTH - MARKOMA BUILDING
 1501 Graham Avenue Tahlequah, OK 74464

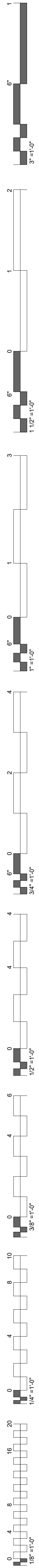
KEY PLAN

PROJECT PHASE

#	DATE	REVISIONS	DESCRIPTION

DATE: 09/21/2020 JOB NUMBER: 18-01.14

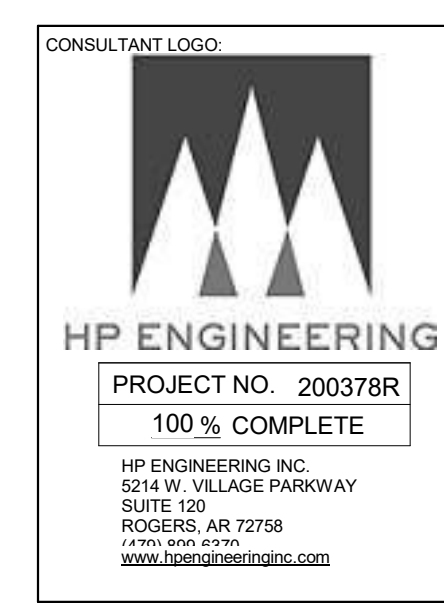
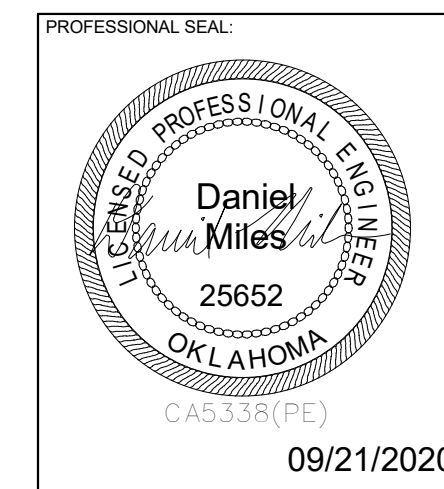
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ELECTRICAL NOTES AND LEGEND



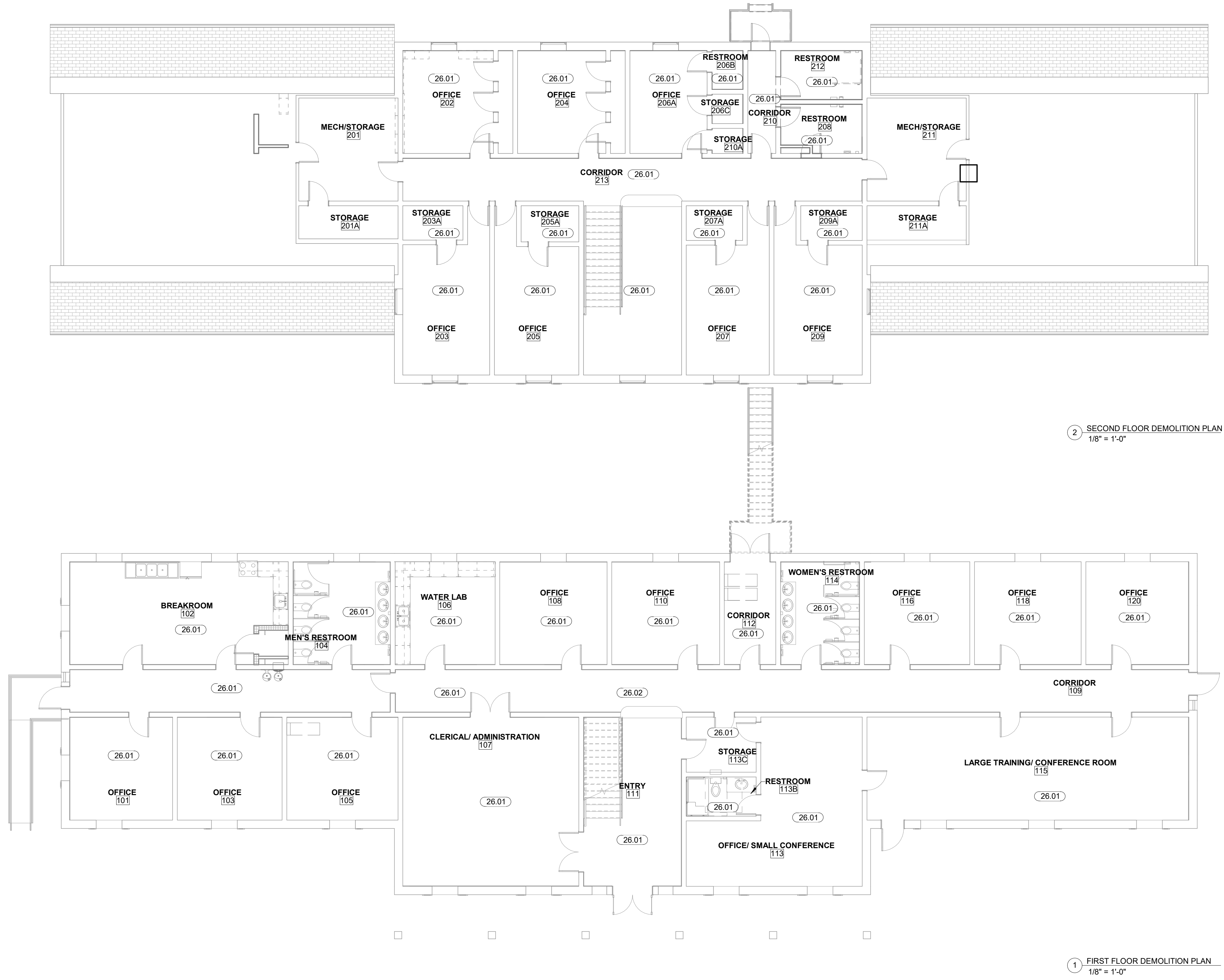
KEYNOTES

26.01 ELECTRICAL CONTRACTOR TO DEMOLISH EXISTING LIGHT FIXTURES IN THIS ROOM. EXISTING EXIT LIGHTS AND CONTROLS ARE TO REMAIN. REMOVE ALL DEVICES PER THE EXISTING ELECTRICAL AND DEMOLITION NOTES.

26.02 ELECTRICAL CONTRACTOR TO DEMOLISH ELECTRICAL CONNECTIONS TO ALL EXISTING MECHANICAL UNITS BEING DEMOLISHED. REMOVE ALL CONDUIT AND WIRING BACK TO THE EXISTING PANEL BOARD.



CLIENT:



2 SECOND FLOOR DEMOLITION PLAN
1/8" = 1'-0"

1 FIRST FLOOR DEMOLITION PLAN
1/8" = 1'-0"

ENVIRONMENTAL HEALTH - MARKOMA BUILDING
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KEY PLAN:

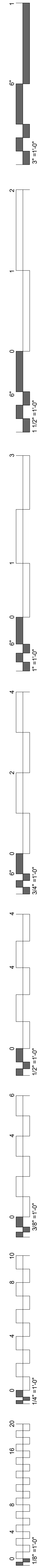
PROJECT PHASE:

#	DATE	REVISIONS DESCRIPTION

DATE: 09/21/2020 JOB NUMBER: 18-01.14

SHEET NUMBER: E.1

ELECTRICAL DEMOLITION PLANS



Branch Panel: GD SEC 1															
EXISTING					EXISTING										
Location: CORRIDOR 112					Volts: 120/208 Wye										
Supply From: ECB					Phases: 3										
					Wires: 4										
					Mains Type: MCB										
					Mains Rating: 400 A										
Notes:															
CKT	Load Name	CB	P	Wire	A	B	C	Wire	P	CB	Load Name	CKT			
1															
3	DOAS-1 (11)	40	3	#8	3002	375				2	15	AHU 1.1, 1.2, 2.3, 4 (11)	4		
5													6		
7	AHU 10, 11, 12, 13, 25, 29 (11)	15	2		375	375		3002	375	2	15	AHU 5, 6, 7, 8, 9, 20 (11)	8		
9													10		
11	AHU 21, 22, 23, 27, 28, 29 (11)	15	2				0	375		2	15	AHU 14, 15, 16, 17, 17.2 (11)	12		
13													14		
15													16		
17	CU-1 (11)	50	3	#8			5164	0		5164	5164	18			
19													20		
21	RANGE (4) (11)	20	1	--	5164	5164	180	5164		#8	3	50	CU-1-2 (11)	22	
23	SPARE	20	1	--			0	360				1	20	BREAKROOM RECEPT (11)	24
25	REFRIGERATOR (4) (11)	20	1	--	180	180						1	20	MAINTENANCE RECEPTACLE (11)	26
27												1	20	CP-1 (11)	28
29	EW-H (11)	30	2	#10			2250	180				1	20	RANGE HOOD (11) (4)	30
31	WATER FOUNTAIN (4) (11)	20	1	--	180	180						1	20	WATER FOUNTAIN (4) (11)	32
33	spare	20	1	--			0	0				1	20	spare	34
35	spare	20	1	--			0	0				1	20	spare	36
37	spare	20	1	--	0	0						1	20	spare	38
39	spare	20	1	--			0	0				1	20	spare	40
41	spare	20	1	--			0	0				1	20	spare	42
Total Load:					15174 VA	17064 VA	16869 VA								
Total Amps:					126 A	144 A	143 A								
Load Classification		Connected Load	Demand Factor	Estimated Demand		Panel Totals									
Power		44488 VA	100.00%	44488 VA		Total Conn. Load: 49108 VA									
Receptacle		4620 VA	100.00%	4620 VA		Total Est. Demand: 49108 VA									
						Total Conn. Current: 136 A									
						Total Est. Demand: 136 A									

ELECTRICAL FEEDER KEYNOTES

400-4-S 2 - 2" C, 4#3/0 EACH

PANELBOARD NOTES (#)

1. TERMINATE GROUND ON ISOLATED GROUND BUS.
2. INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD (LOCK-OFF FOR MAINTENANCE).
3. INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD (LOCK-ON FOR CRITICAL LOAD).
4. GFI BREAKER FOR PERSONNEL PROTECTION (5mA).
5. GFI BREAKER FOR EQUIPMENT PROTECTION (30mA).
6. CONDUCTOR SIZE SHOWN IN PANEL SCHEDULE HAS BEEN INCREASED FOR VOLTAGE DROP. SIZE EQUIPMENT GROUND PROPORTIONALLY PER NEC. REFERENCE GROUND WIRE SIZING CHART.
7. REFER TO ONE-LINE DIAGRAM FOR AVAILABLE FAULT CURRENT FOR INTERRUPT RATINGS.
8. REFER TO ONE-LINE DIAGRAM FOR WIRE SIZES.
9. FACTORY WIRED TO LOAD.
10. THRU CONTROLLER. REFER TO LIGHTING CONTROLLER DETAIL.
11. ADD NEW CIRCUIT BREAKER TO EXISTING PANEL. NEW CIRCUIT BREAKER SHALL MATCH AIC RATING, MANUFACTURER, AND TYPE OF EXISTING CIRCUIT BREAKERS.
12. MATCH AIC RATING OF SERVICING DEVICE.

EQUIPMENT GROUNDING CONDUCTOR SIZING CHART

BRKR AMPS	PHASE	GROUND	12	10	8	6	4
15-20	PHASE	GROUND	12	10	8	6	4
25-30	PHASE	GROUND	10	8	6	4	3
35-50	PHASE	GROUND	8	6	4	3	2
60	PHASE	GROUND	6	4	3	2	1
70	PHASE	GROUND	6	4	3	2	1
80-90	PHASE	GROUND	4	3	2	1	1/0
100	PHASE	GROUND	3	2	1	1/0	2/0

PER NEC 250.122(B)

CIRCUIT DESCRIPTIONS SHOWN AS "EXISTING" OR IN LOWER CASE LETTERS INDICATE AN EXISTING CIRCUIT BREAKER TO REMAIN AND IS BASED ON ORIGINAL BUILDING PLANS, PANEL SCHEDULES AND BREAKER ARRANGEMENTS AT THE TIME OF THE SITE VISIT.

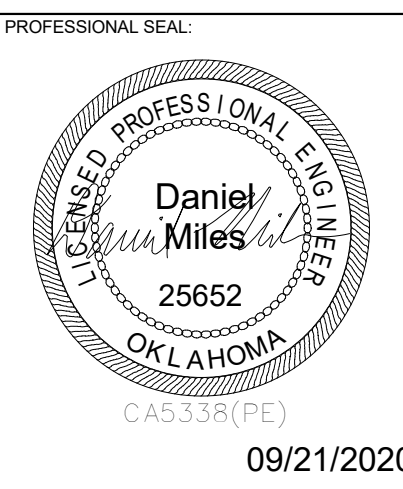
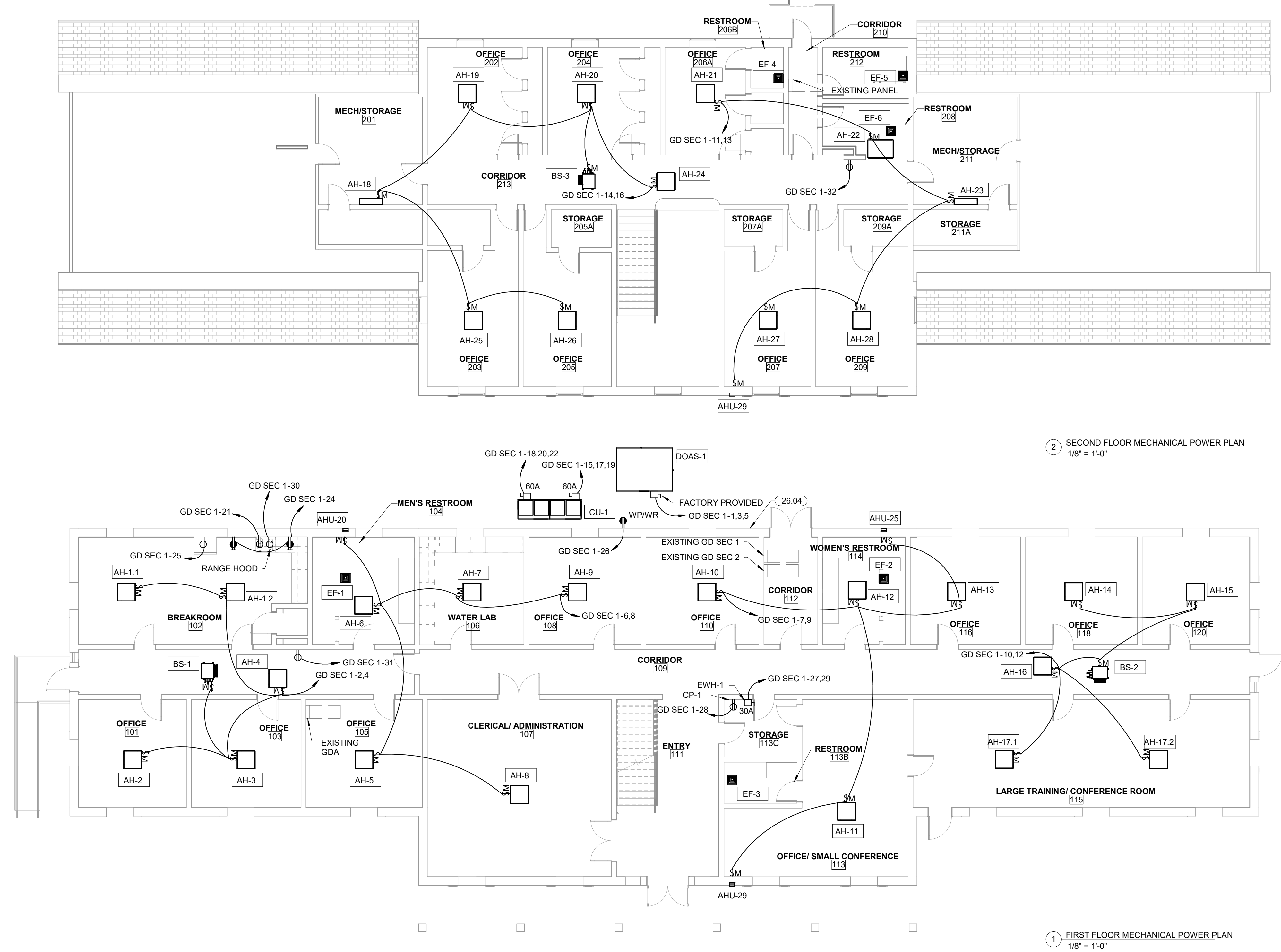
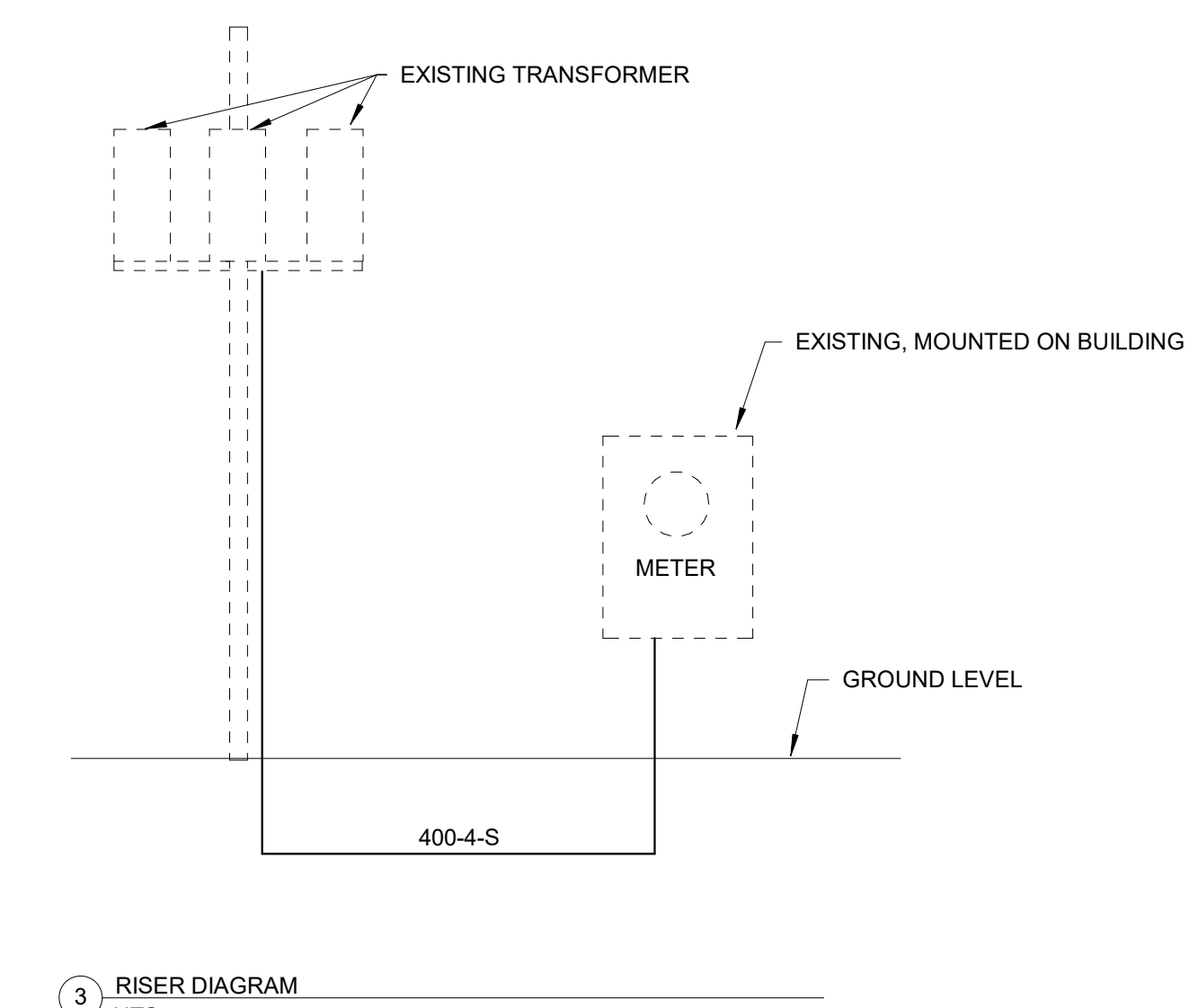
MECHANICAL POWER PLAN NOTES

EXHAUST FANS SHALL BE CIRCUITED WITH LIGHTS UNLESS SHOWN OTHERWISE. REFER TO MECHANICAL PLANS FOR CONTROLS OF EXHAUST FANS.

KEYNOTES

26.04 ELECTRICAL CONTRACTOR TO REROUTE EXISTING SERVICE UNDERGROUND. CURRENT INSTALLATION VIOLATES NEC 230.9(A). COORDINATE REROUTING OF SERVICE WITH ELECTRICAL UTILITY AND OWNER. REFER TO RISER DIAGRAM.

EXISTING DEVICES NOT SHOWN AND NOT NOTED TO BE DEMOLISHED IN DEMOLITION PLANS SHALL REMAIN.



CLIENT:

ENVIRONMENTAL HEALTH - MARKOMA BUILDING
1501 Graham Avenue Tahlequah, OK 74464

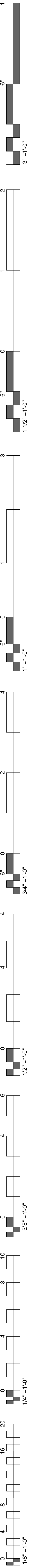
KEY PLAN:

PROJECT PHASE:

#	DATE	REVISIONS DESCRIPTION

DATE: 09/21/2020 JOB NUMBER: 18-01.14

SHEET NUMBER: **E1.2**
ELECTRICAL POWER PLANS



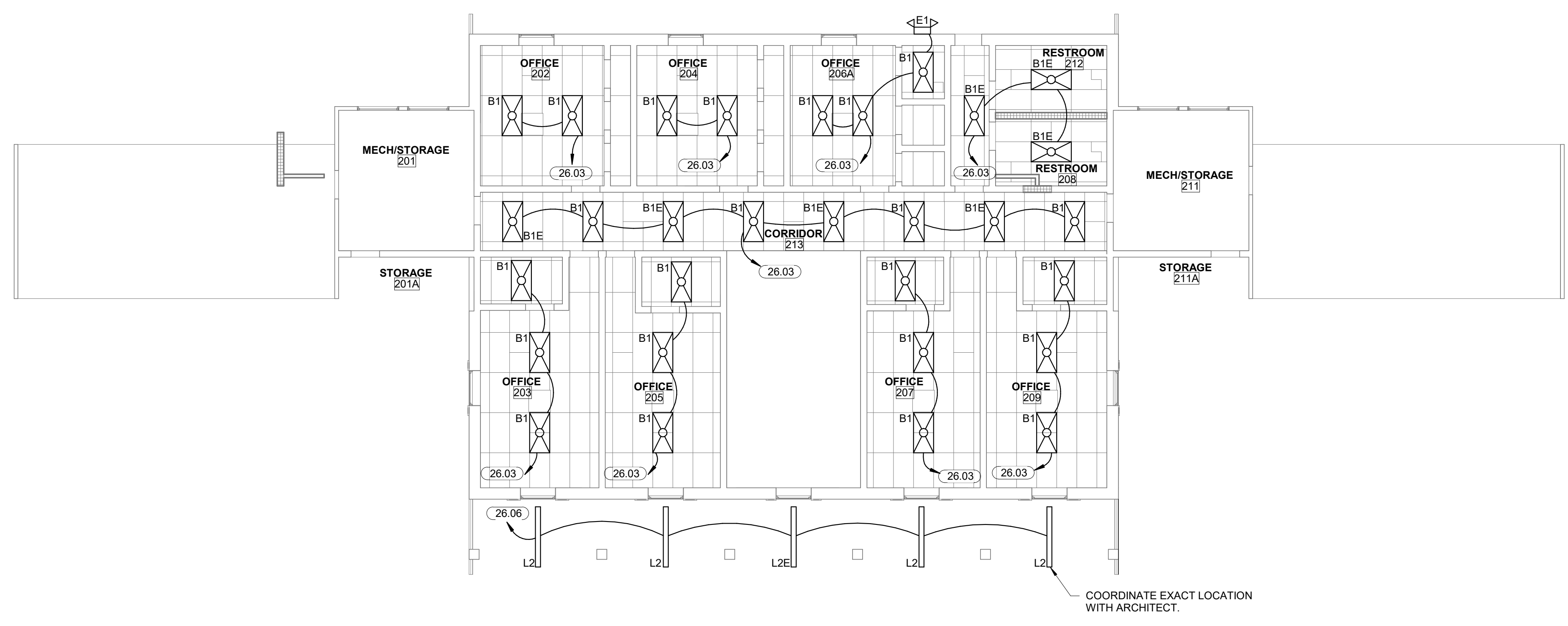
LUMINAIRE SCHEDULE

NOTES:
 1. EC SHALL PROVIDE A SUBMITTAL PACKAGE INCLUDING CUTSHEETS FOR EACH FIXTURE.
 2. EC SHALL PROVIDE ALL ACCESSORIES FOR A COMPLETE ASSEMBLY INCLUDING MOUNTING HARDWARE.
 3. THE MOUNTING TYPE OF EACH FIXTURE SHALL BE COMPATIBLE WITH INSTALLATION SURFACE OF EACH FIXTURE.
 4. ALL FINISHES SHALL BE COORDINATED WITH ARCHITECT AND DOCUMENTED ON SUBMITTALS.

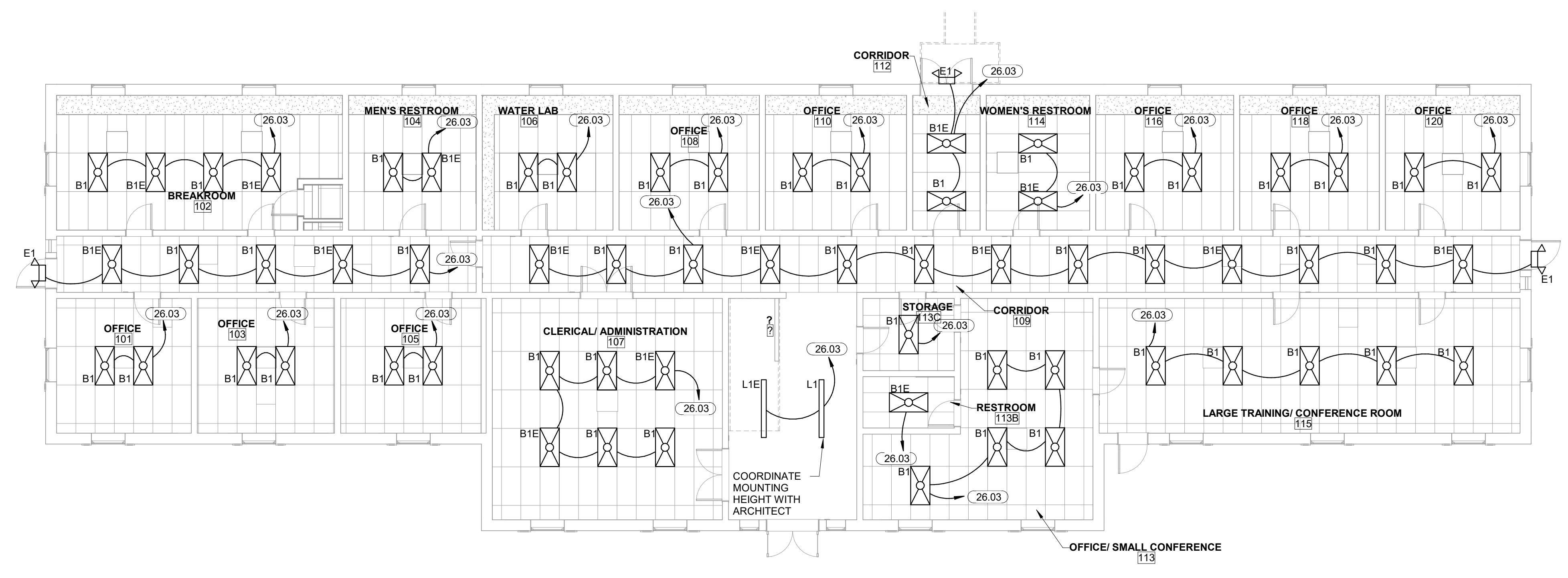
TYPE	LAMP	DIMMING	COLOR TEMPERATURE	LUMENS	VOLTS	WATTS	DESCRIPTION	MANUFACTURER
B1	LED	0-10V	3500K	4000	120/277	36 W	2X4, TROFFER, INTEGRATED BATTERY	METALUX - ST-24C22
B1E	LED	0-10V	3500K	4000	120/277	36 W	2X4, TROFFER, INTEGRATED BATTERY	METALUX - ST-24C22
E1	(2) LED	NA	NA	NA	120/277	10 W	EMERGENCY LIGHT, BUGEYE, SELF DIAGNOSTIC, REMOTE HEAD, 50 FEET, DOUBLE HEAD	SURE LITES - SRPD
L1	LED	0-10V	3500K	500 LMF1	120/277	52 W	4' LINEAR PENDANT, OPEN END CA, COORDINATE FINISH WITH ARCHITECT	LUMENWERX - CAVSPD
L1E	LED	0-10V	3500K	500 LMF1	120/277	52 W	4' LINEAR PENDANT, OPEN END CA, COORDINATE FINISH WITH ARCHITECT, INTEGRATED BATTERY	LUMENWERX - CAVSPD
L2	LED	0-10V	3500K	1000 LMF1	120/277	45 W	4' LINEAR, SURFACE MOUNTED, COORDINATE FINISH WITH ARCHITECT	LUMENWERX - VIAWET
L2E	LED	0-10V	3500K	1000 LMF1	120/277	45 W	4' LINEAR, SURFACE MOUNTED, COORDINATE FINISH WITH ARCHITECT, INTEGRATED BATTERY	LUMENWERX - VIAWET

KEYNOTES

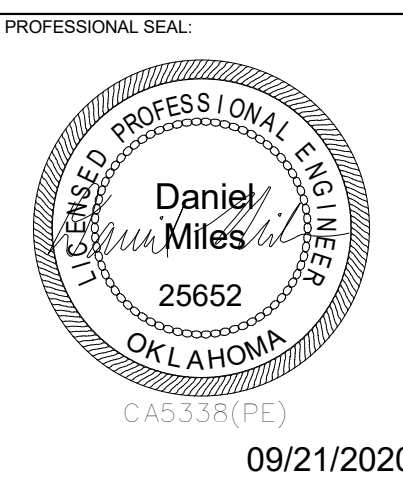
26.03	RECONNECT TO EXISTING LIGHTING CIRCUIT AND CONTROLS MADE AVAILABLE THROUGH DEMOLITION IN SPACE.
26.06	CONNECT TO EXISTING EXTERIOR LIGHTING CIRCUIT. VERIFY EXISTING CONTROLS. IF NONE EXIST PROVIDE NEW TIME CLOCK AND CONTACTOR FOR EXTERIOR LIGHTING.



2 SECOND FLOOR LIGHTING PLAN
1/8" = 1'-0"



1 FIRST FLOOR LIGHTING PLAN
1/8" = 1'-0"



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PROJECT PHASE:

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DATE: 09/21/2020 JOB NUMBER: 18-01.14

SHEET NUMBER:

E2.1

LIGHTING PLANS