A RENOVATION OF THE MISSISSIPPPI COUNTY HEALTH UNITS BLYTHEVILLE & OSCEOLA, ARKANSAS

Re-Issue: October 28, 2022 ⚠

Vicinity Map:

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OE-2.2	Electrical Schedules	BE-2.2	Electrical Schedules

Architect:

REVIVAL
ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
(501) 951-3316
www.revivalarch.com
S.D.G.

AARON C. RUBY, AIA
REVIVAL ARCHITECTURE, INC.
ARKANSAS LICENSE # C774

I HEREBY CERTIFY THAT THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY ME, OR UNDER MY SUPERVISION.
I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE PLANS AND SPECIFICATIONS ARE AS REQUIRED BY LAW AND IN COMPLIANCE WITH THE ARKANSAS FIRE PREVENTION CODE.

REGISTERED ARCHITECT — REVIVAL ARCHITECTURE, INC. — LICENSE #C774 — STATE OF ARKANSAS

Engineers:

Mechanical:
TRU Engineering
708 N. Charles St., Searcy, AR
501-993-7149

Electrical:
Insight Engineering
201 S. Chester St., Little Rock, AR
501-237-3077

General Notes:

1.) ROOM NAMES AND NUMBERS FOLLOW ROOM NAMES & NUMBERS FROM ORIGINAL ARCHITECTURAL DRAWINGS FROM THE 1990'S. IT IS POSSIBLE SOME HAVE CHANGED OVER TIME, CONTRACTOR VERIFY. ORIGINAL ARCH. DRAWINGS ARE AVAILABLE FOR VIEWING. CONTACT ARCHITECT TO REQUEST A WEBLINK WHERE YOU MAY DOWNLOAD FOR VIEWING.

2.) CONTRACTOR SHALL ASSUME LARGE FURNISHING ITEMS SUCH AS APPLIANCES, VACCINE REFRIGERATORS & FREEZERS, EXAM TABLES ARE TO REMAIN DURING THE COURSE OF CONSTRUCTION AND SHALL BE MOVED FROM ROOM TO ROOM AS NEEDED TO ACCOMMODATE THE WORK AND TO PROTECT THEM FROM DAMAGE AND UNNECESSARY HANDLING. MOVE BACK INTO PLACE UPON COMPLETION.

3.) CONTRACTOR ASSUME MISC. WALL MOUNTED DEVICES WILL NEED TO BE REMOVED TO ACCOMMODATE THE WORK. TEMPORARILY REMOVE AND RE-INSTALL AED DEVICES, FIRE EXTINGUISHERS OR OTHER EXPENSIVE EQUIPMENT. REFER TO ALLOWANCES FOR THE PURCHASE OF REPLACEMENT WALL MOUNTED HAND SANITIZERS & OTHER MISC.

4.) THIS PROJECT CONSISTS OF RENOVATIONS TO TWO EXISTING & OPERATING HEALTH UNITS IN MISSISSIPPI COUNTY, ARKANSAS. TO MINIMIZE DISRUPTION TO PATRONS, THE PROJECT SHALL BE PHASED SUCH THAT ONLY ONE UNIT IS CLOSED AT A TIME.

UPON NOTICE TO PROCEED, THE BLYTHEVILLE UNIT WILL BE CLOSED FIRST, ALLOWING FOR WORK TO TAKE PLACE, THEN RE-OPENED ONLY UPON SUBSTANTIAL COMPLETION. APPROXIMATELY ONE WEEK AFTER SUBSTANTIAL COMPLETION ON THE BLYTHEVILLE UNIT, THE OSCEOLA UNIT WILL BE CLOSED TO THE PUBLIC TO ALLOW FOR RENOVATIONS.

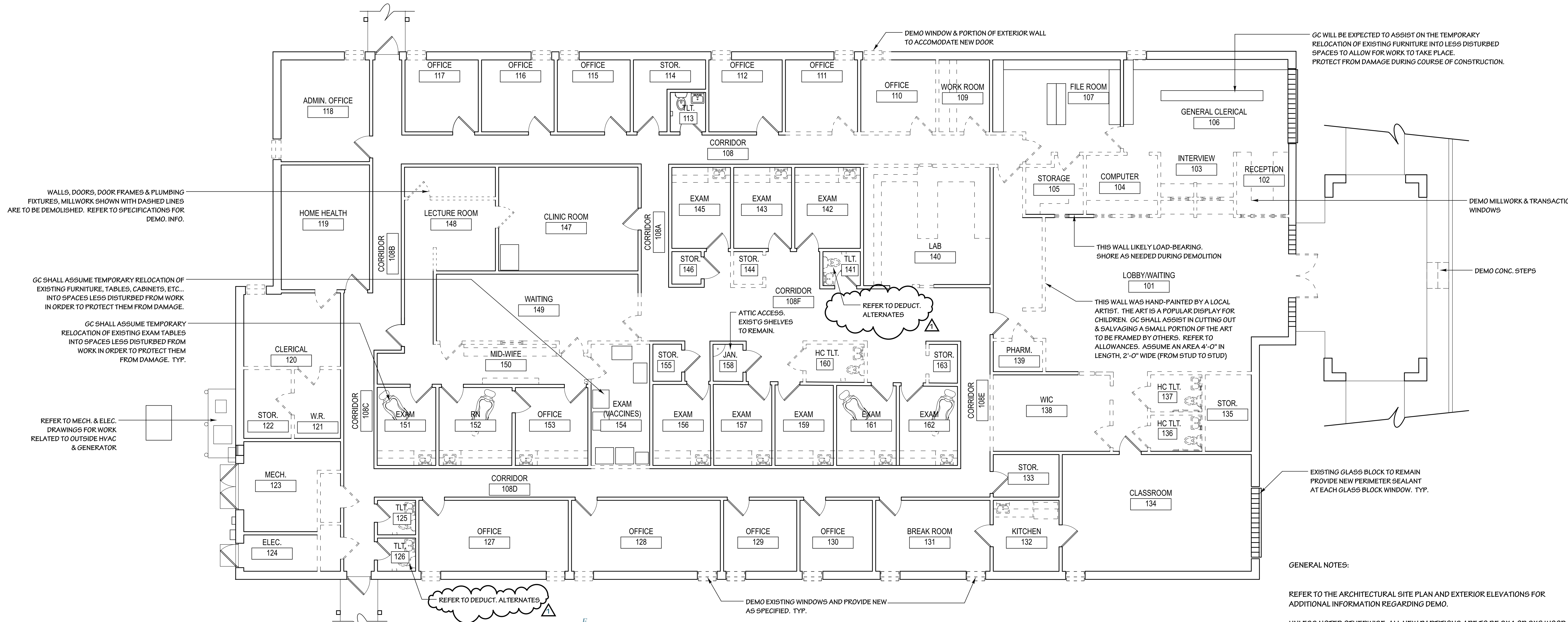
5.) FOR ACCOUNTING PURPOSES ONLY, CONTRACTORS ARE REQUESTED TO SEPARATE THEIR BIDS, GIVING A PRICE FOR WORK RELATED TO THE BLYTHEVILLE UNIT SEPARATE FROM THE PRICE RELATED TO THE OSCEOLA UNIT. REFERENCE THE BID FORM IN THE SPECIFICATIONS.

6.) MANY WALLS SHOULD BE CONSIDERED LOAD-BEARING. CONTRACTOR VERIFY BY COMPARING ORIGINAL ARCH. DRAWINGS WITH FIELD CONDITIONS. REVIEW ORIG. FOUNDATION PLAN WHICH SHOWS FOOTINGS BENEATH LOAD-BEARING WALLS SUPPORTING TRUSSES ABOVE. CONTRACTOR IS RESPONSIBLE FOR SHORING WALLS AS NEEDED PRIOR TO FULL DEMOLITION.

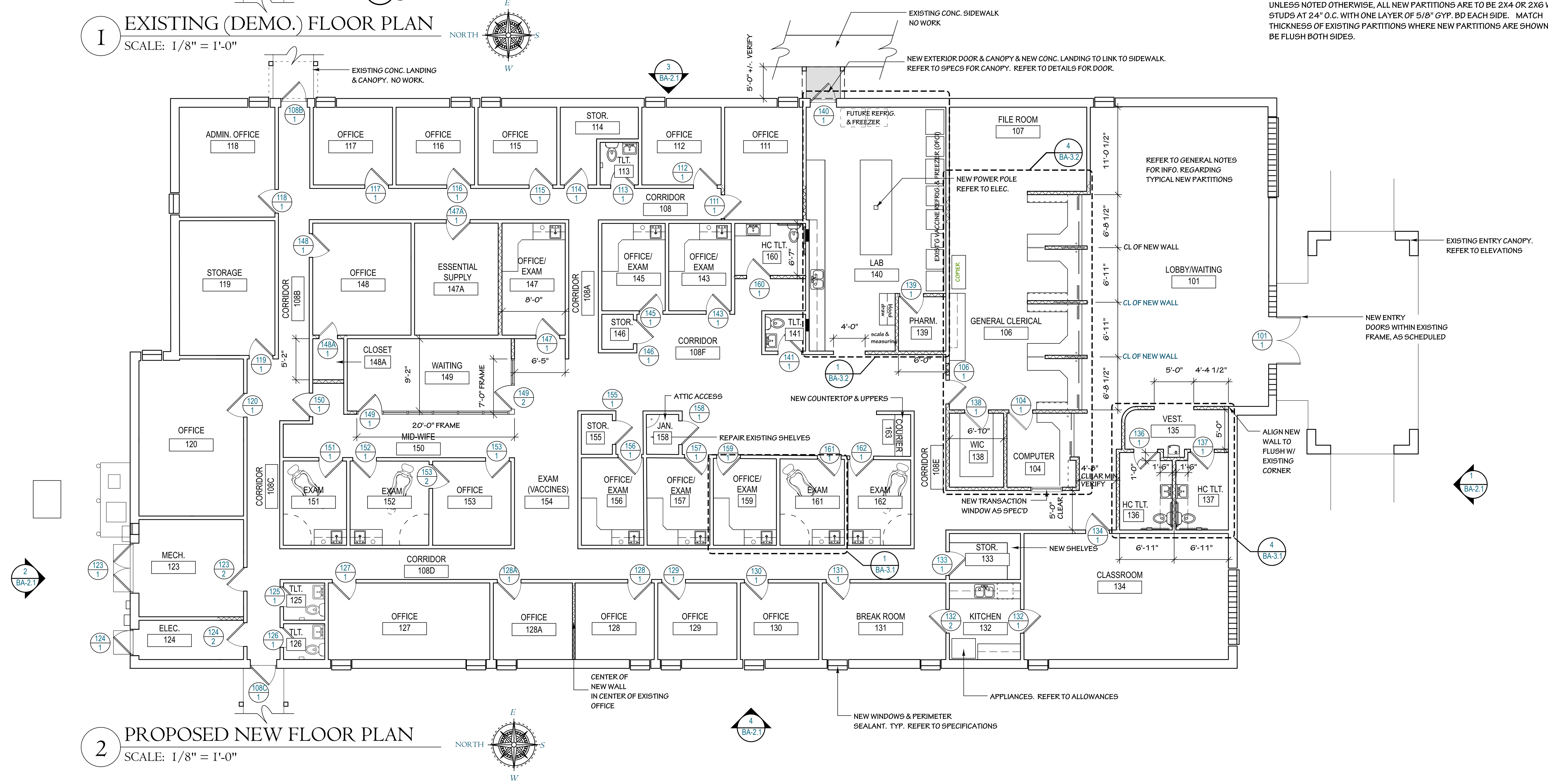
7.) REFERENCE "ALLOWANCES" IN SPECIFICATIONS FOR A NUMBER OF WORK SCOPE ITEMS. SOME OF THESE ITEMS REQUIRE WORK TO BE INCLUDED IN THE BASE BID.

8.) THIS PROJECT ESSENTIALLY INVOLVES NEW FINISHES FOR BOTH UNITS, INCLUDING NEW FINISH FLOORING, BASE, NEW PAINT FOR ALL WALLS & DOOR FRAMES, AND CEILINGS. CONTRACTOR SHALL TAKE NOTE OF SOME EXISTING DAMAGE TO SURFACES THROUGHOUT AND PATCH AS REQUIRED PRIOR TO NEW PAINT. MATCH TEXTURE ON CEILINGS WITH EXISTING ADJACENT.

THIS PROJECT WAS ORIGINALLY ISSUED ON AUGUST 26, 2022 AND BID ON OCTOBER 18, 2022. DUE TO THE FACT THAT THE ONLY BID RECEIVED WAS SIGNIFICANTLY OVER BUDGET, THE PROJECT SCOPE HAS BEEN CHANGED AND THE PROJECT IS BEING RE-ISSUED FOR RE-BIDDING. CHANGES MADE IN THE SCOPE FROM THE ORIGINAL ISSUE ARE CLOUDED & MARKED "DELTA 1". ⚠



1 EXISTING (DEMO.) FLOOR PLAN
SCALE: 1/8" = 1'-0"



2 PROPOSED NEW FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

REFER TO THE ARCHITECTURAL SITE PLAN AND EXTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION REGARDING DEMO.

UNLESS NOTED OTHERWISE, ALL NEW PARTITIONS ARE TO BE 2X4 OR 2X6 WOOD STUDS AT 24" O.C. WITH ONE LAYER OF 5/8" GYP. BD EACH SIDE. MATCH THICKNESS OF EXISTING PARTITIONS WHERE NEW PARTITIONS ARE SHOWN TO BE FLUSH BOTH SIDES.

REVIVAL ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
(501) 951-3316
www.revivalarch.com

Project Name:
Mississippi County Health Units
Blytheville

Issue Date:
August 26, 2022

Revisions:
1 Re-Bid 10/28/22

Sheet Contents:
FLOOR PLANS

Sheet No:
BA-1.1

GENERAL NOTES:

1.) IN GENERAL, ALL EXISTING LIGHT FIXTURES ARE TO BE REMOVED AND REPLACED WITH NEW LED FIXTURES AS SCHEDULED (REFER TO ELECTRICAL) IN THEIR PRESENT LOCATION. WHERE ROOMS ARE BEING RECONFIGURED, SOME CEILING FINISH WORK WILL BE NECESSARY SO AS TO ALIGN NEW FIXTURES WITHIN NEW SPACE. THIS INCLUDES SOME NEW CONDUIT, BACK BOXES, GYP.BD. WORK, PATCHING AND RE-FINISHING.

CONTRACTOR SHALL STUDY AND COORDINATE THE WORK SHOWN BETWEEN ARCHITECTURAL AND ELECTRICAL DRAWINGS IN ORDER TO FULLY UNDERSTAND THE SCOPE OF WORK NECESSARY TO ACCOMPLISH INTENT.

2.) DEMO ANY EXISTING CEILING MOUNTED PRIVACY CURTAIN TRACKS IN EXAM ROOMS, IF PRESENT.

3.) SOME LIGHT FIXTURE LOCATIONS WILL CHANGE AS A RESULT OF MOVING OF PARTITIONS. CONTRACTOR SHALL DEMO BACK-BOXES AND PATCH SHEETROCK AND/OR INSTALL NEW BACK BOXES, NEW CONDUIT, AS NECESSARY, TO ACCOMMODATE. COORDINATE FINISH WORK WITH WORK SHOWN ON ELECTRICAL DRAWINGS.

LEGEND:

- NEW SURFACE MOUNTED FIXTURE (TYPE A) TO REPLACE EXISTING
- NEW SURFACE MOUNTED FIXTURE (TYPE A) IN NEW LOCATION. NOTE INTENTION TO ALIGN NEW FIXTURES WITH NEARBY EXISTING
- NEW RECESSED CAN LIGHT (TYPE B) TO REPLACE EXISTING.
- NEW WALL SCONCE (TYPE C) TO REPLACE EXISTING.
- NEW WALL SCONCE (TYPE D) IN NEW LOCATION.
- NEW PENDANT (TYPE E).
- NEW PENDANT (TYPE F).
- NEW U/C LIGHT (TYPE G).

1 EXISTING (DEMO.) CEILING PLAN
SCALE: 1/8" = 1'-0"

2 PROPOSED NEW CEILING PLAN
SCALE: 1/8" = 1'-0"

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(501) 951-3316 www.revivalarch.com

REGISTERED ARCHITECT REVIVAL ARCHITECTURE LICENSE #C774

Project Name:
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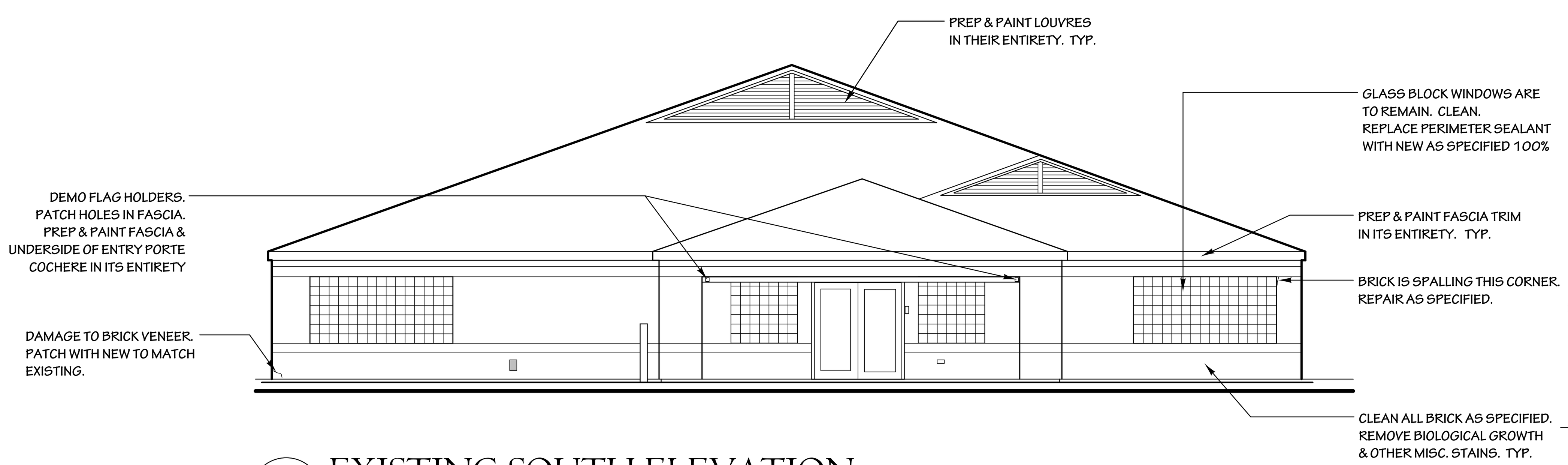
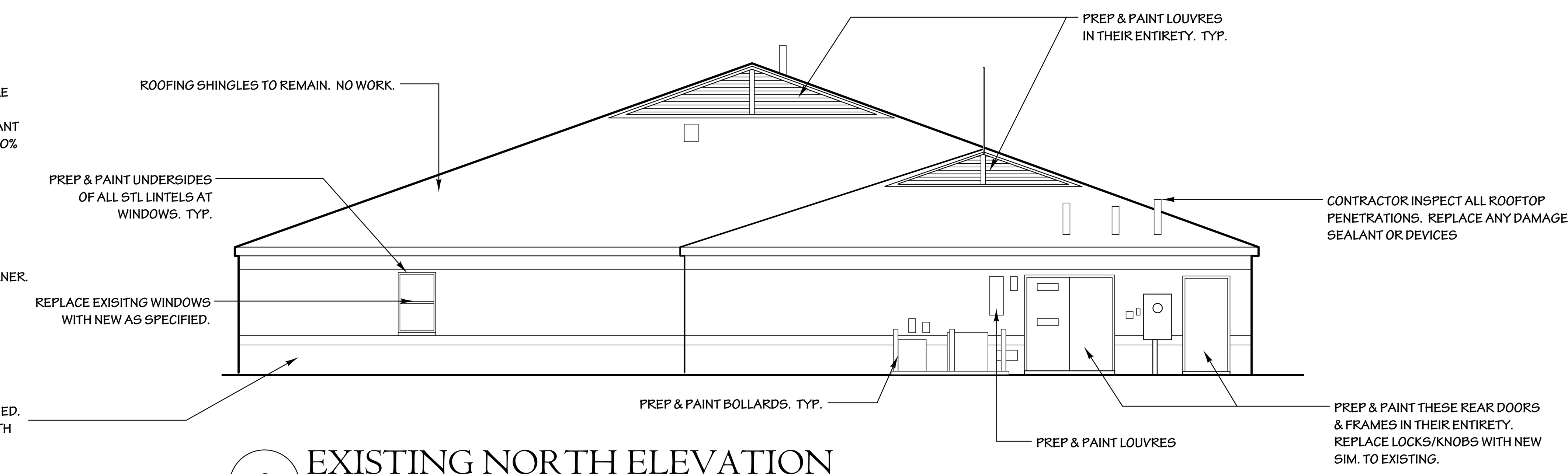
Sheet Contents:
REFLECTED CEILING PLANS

Sheet No:
BA-1.2

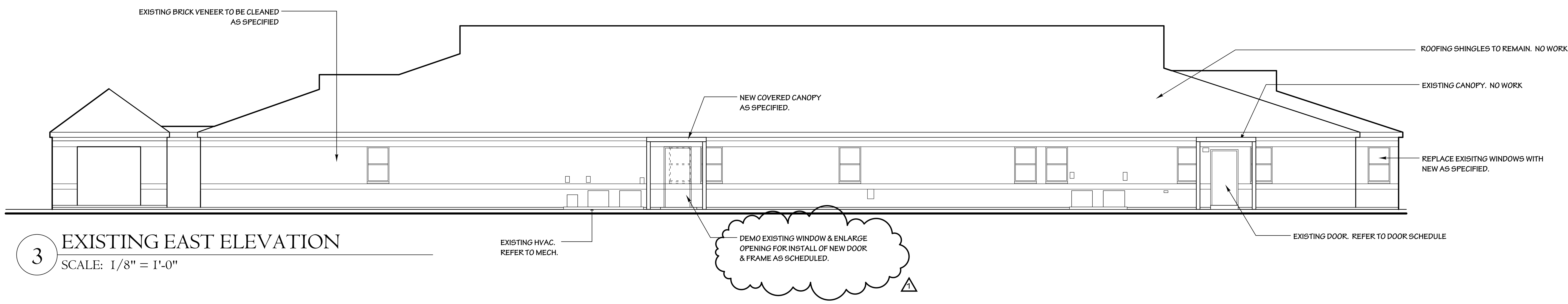


1 EXISTING SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

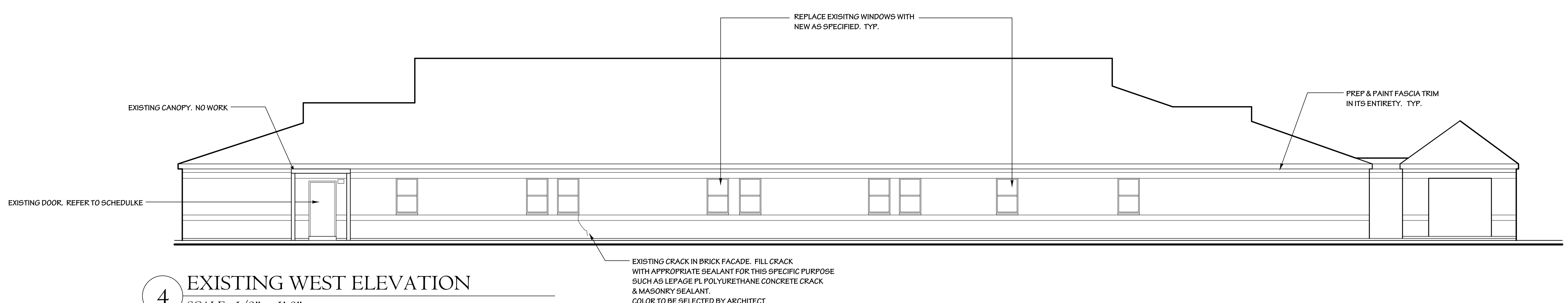


2 EXISTING NORTH ELEVATION
SCALE: 1/8" = 1'-0"

* GENERAL NOTE: CONTRACTOR PREP & PAINT ALL
EXPOSED STEEL LINTELS AT WINDOW & DOOR OPENINGS (TYP.)



3 EXISTING EAST ELEVATION
SCALE: 1/8" = 1'-0"



4 EXISTING WEST ELEVATION
SCALE: 1/8" = 1'-0"

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ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
(501) 951-3316 www.revivalarch.com S.D.G.

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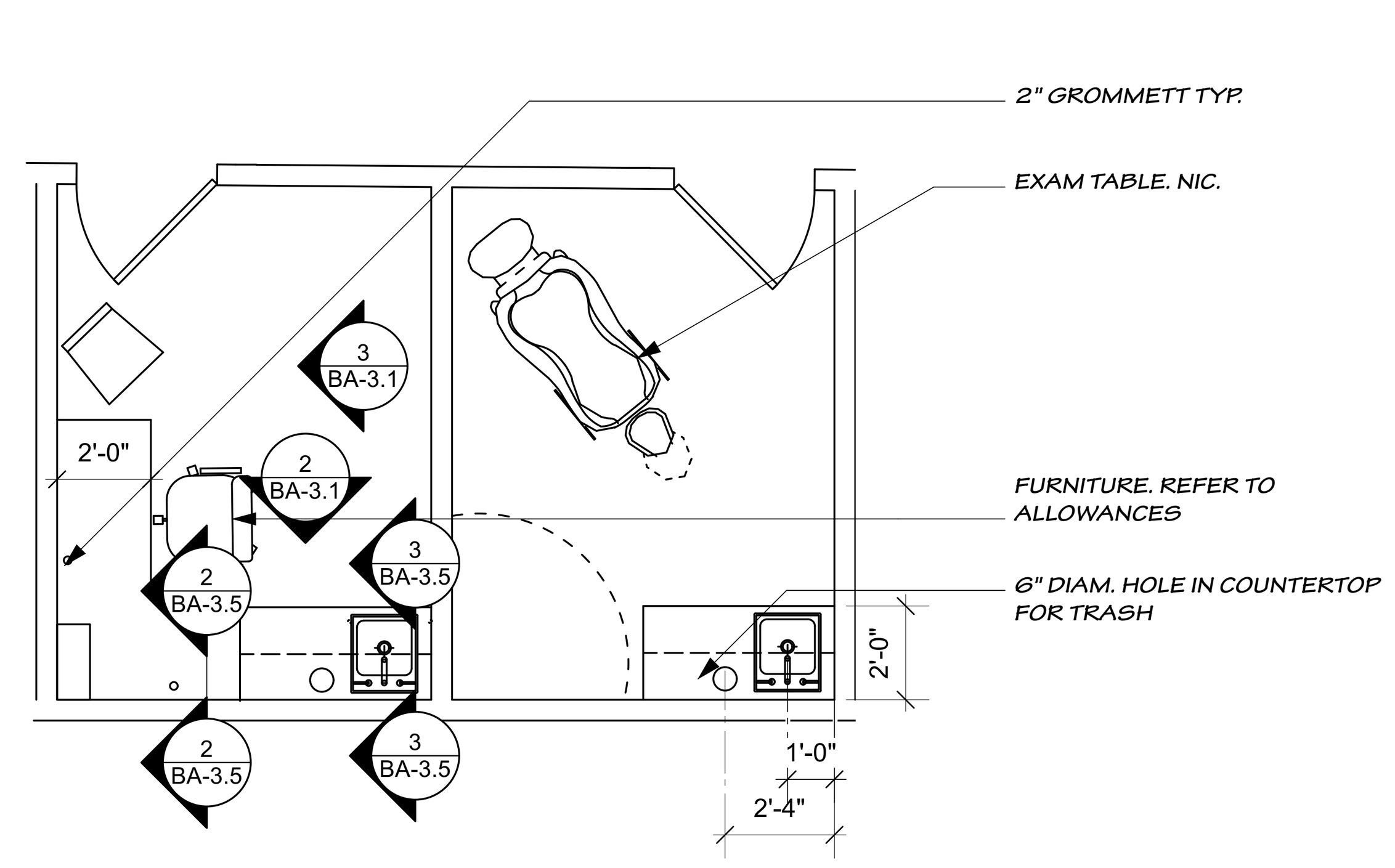
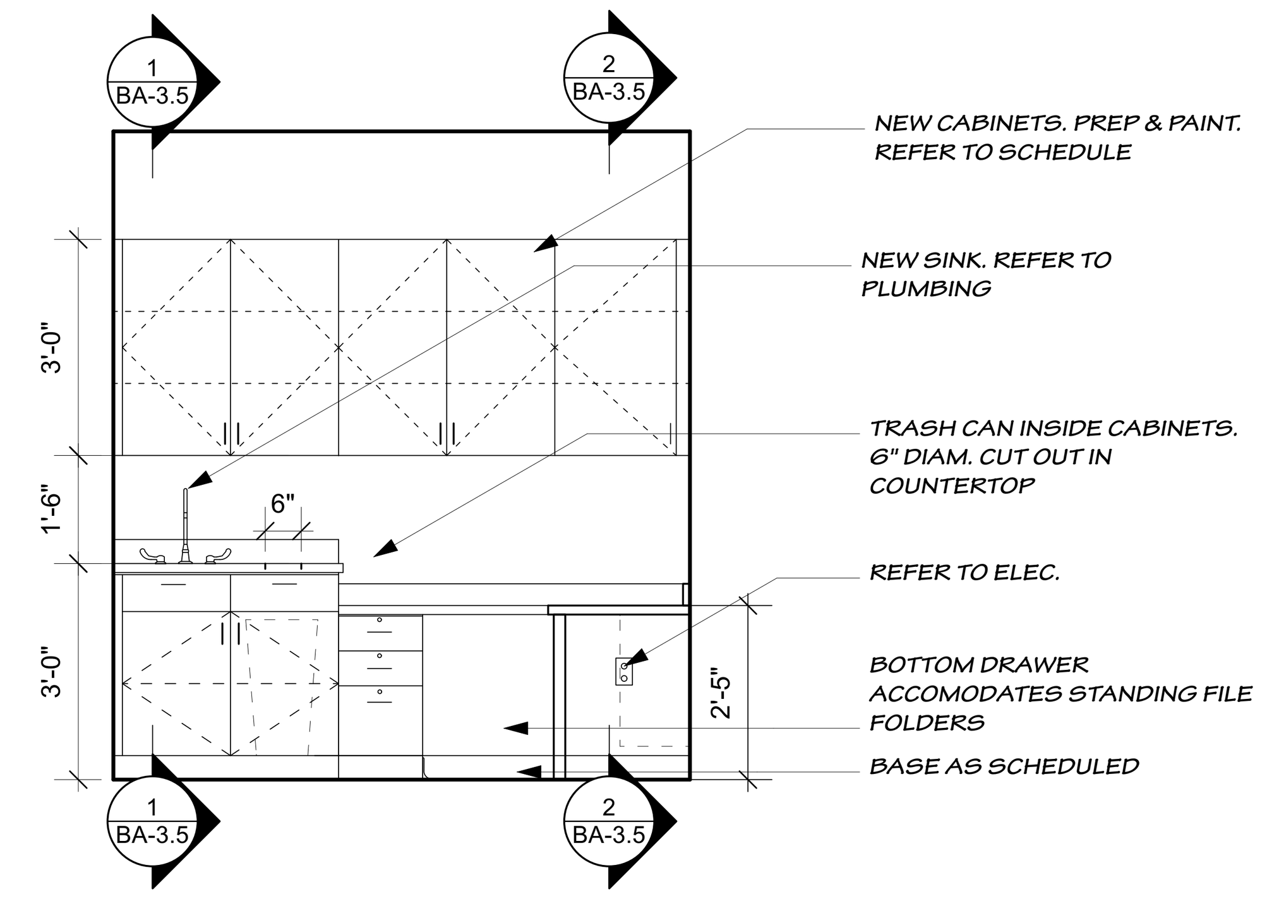
Sheet Contents:
EXTERIOR ELEVATIONS

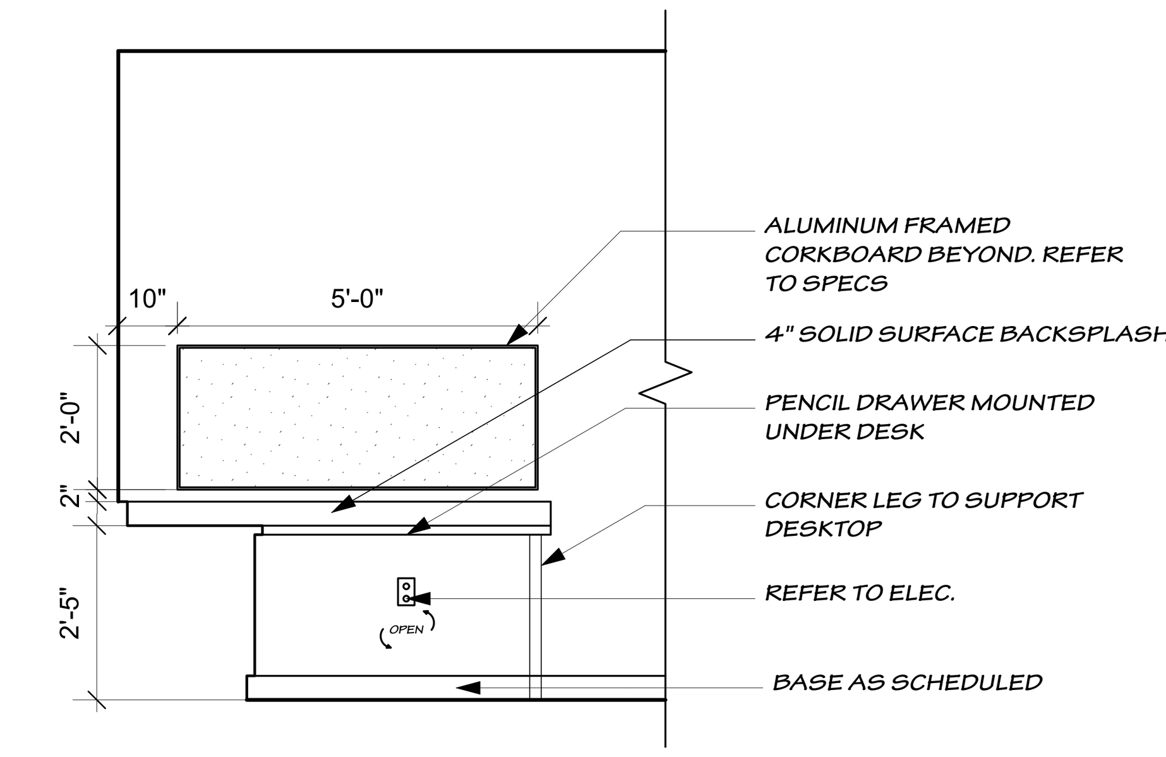
Sheet No:
BA-2.1



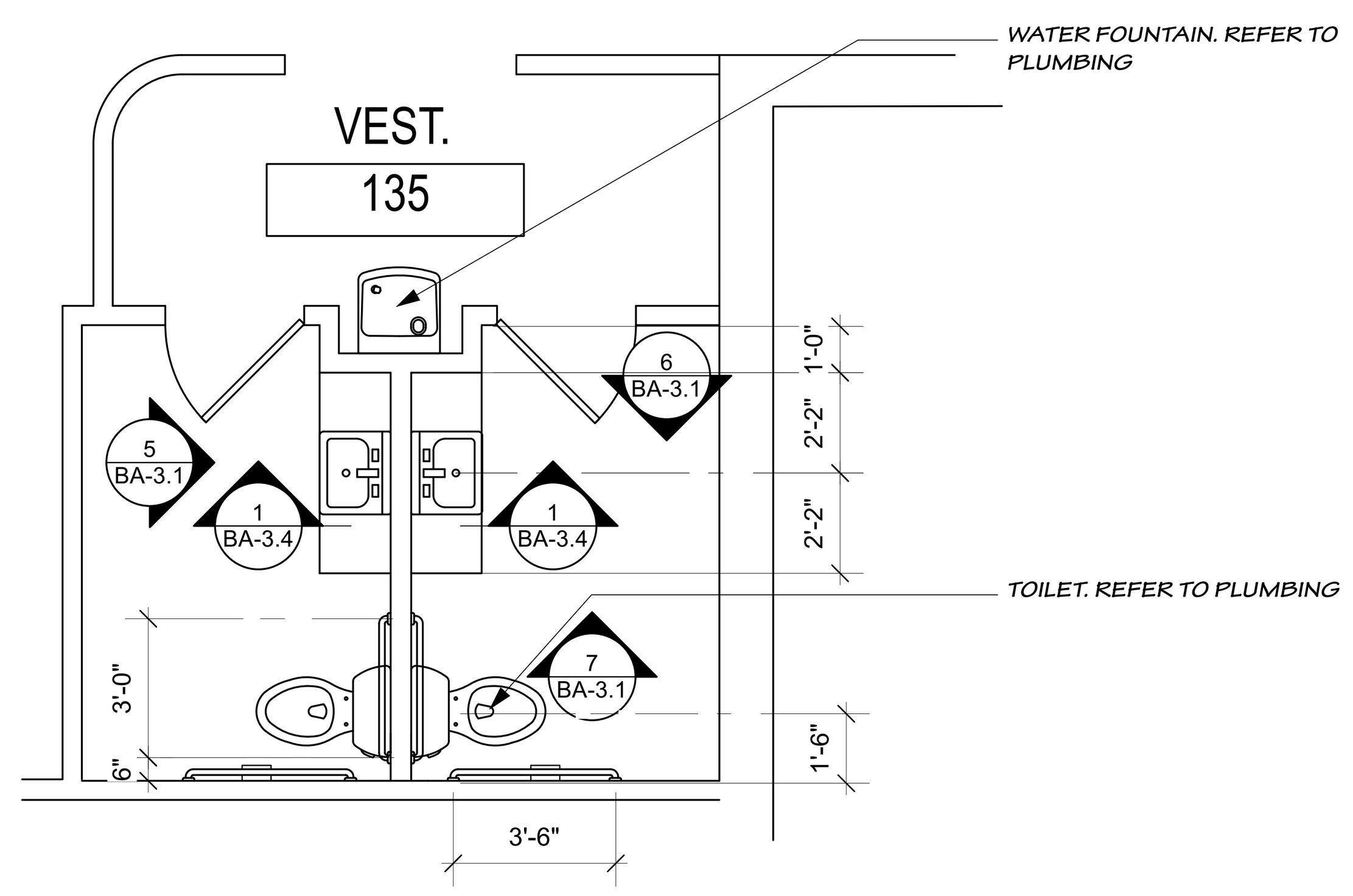
1 ENLARGED PLAN AT EXAMS 159 &161
Scale: 1/4"=1'-0"



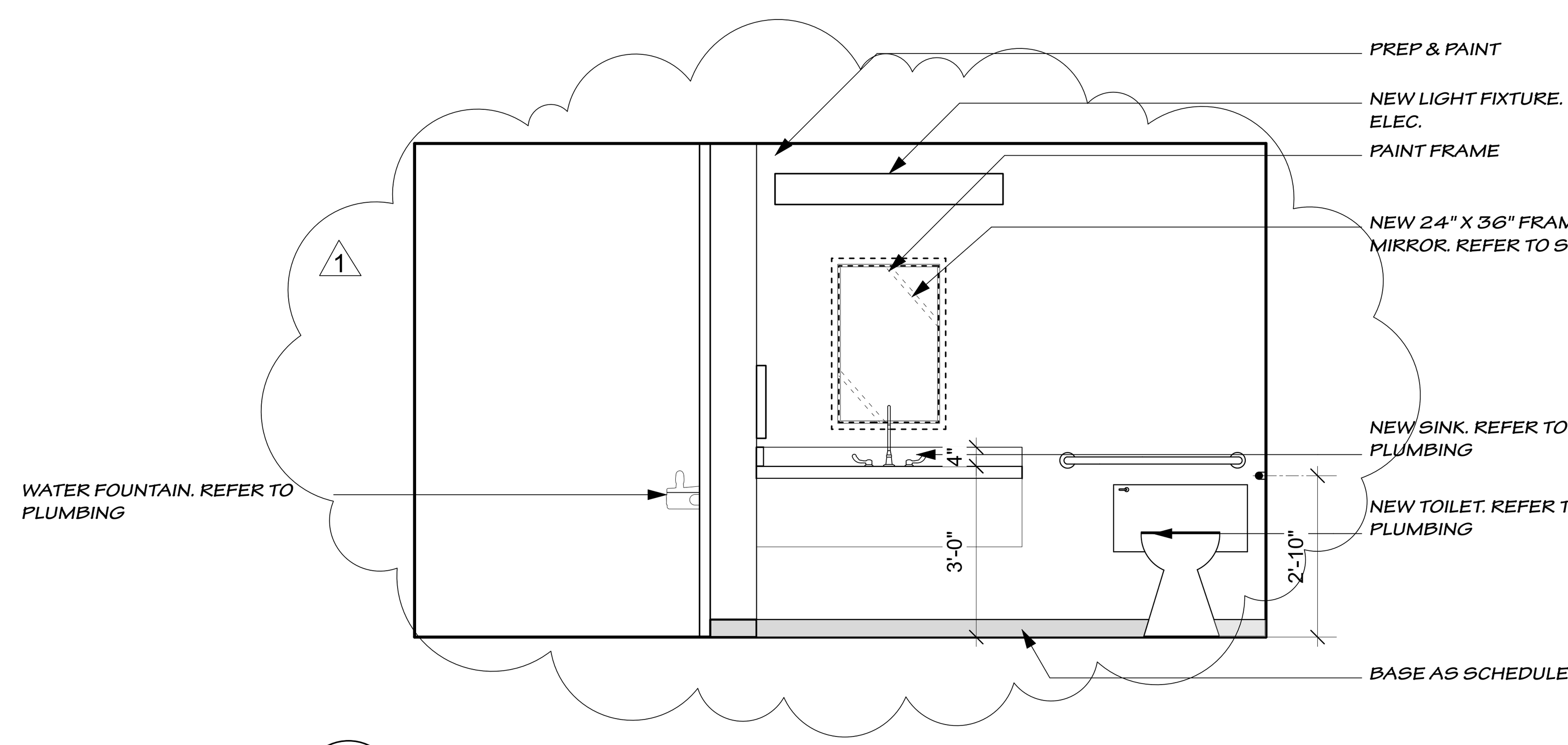
2 TYPICAL OFFICE/EXAM ROOM MILLWORK
Scale: 3/8"=1'-0"



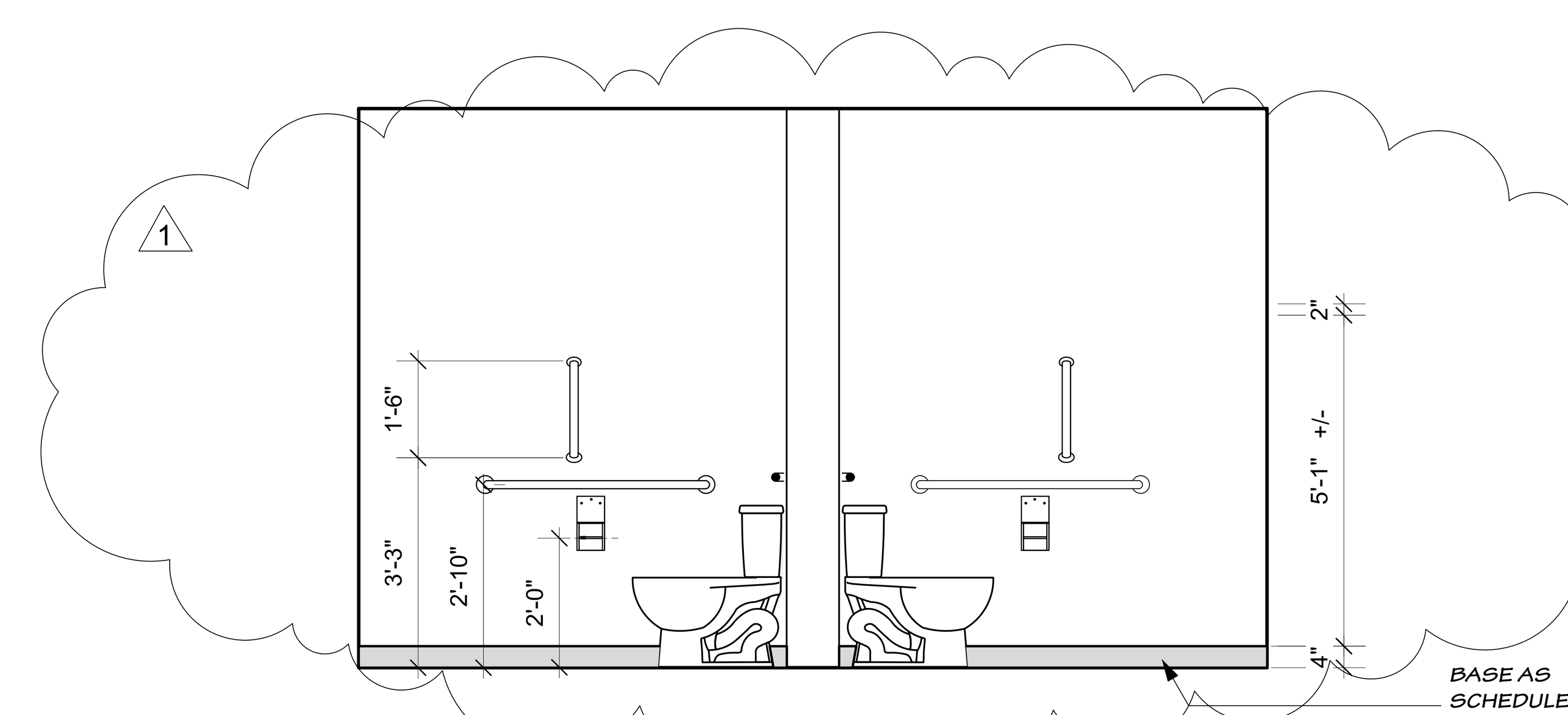
3 TYPICAL OFFICE/EXAM ROOM MILLWORK
Scale: 3/8"=1'-0"



4 ENLARGED PLAN AT TLTS 136 & 137
Scale: 3/8"=1'-0"

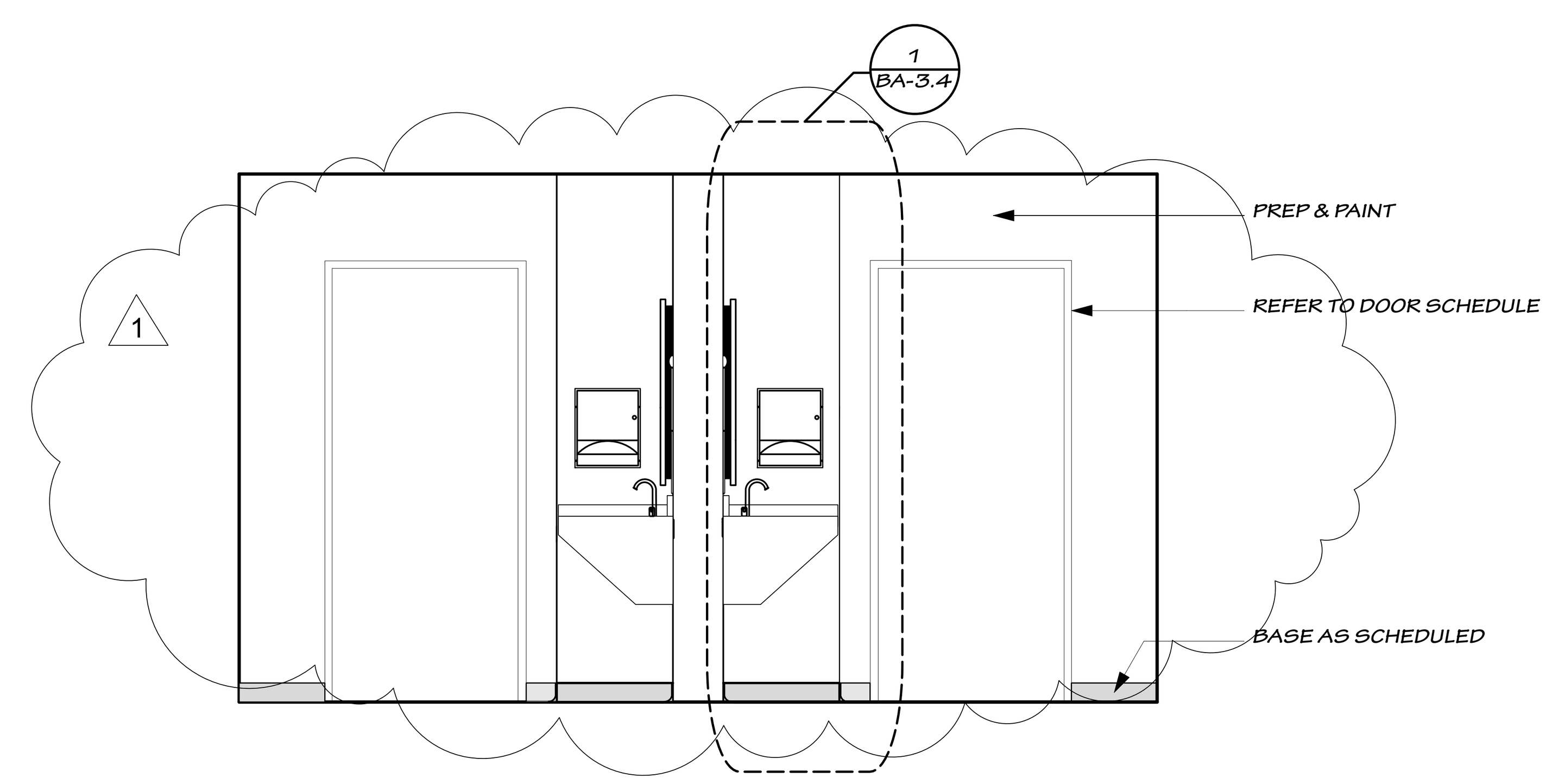


5 EAST WALL INTERIOR ELEVATION OF TLT. 136
Scale: 3/8"=1'-0"

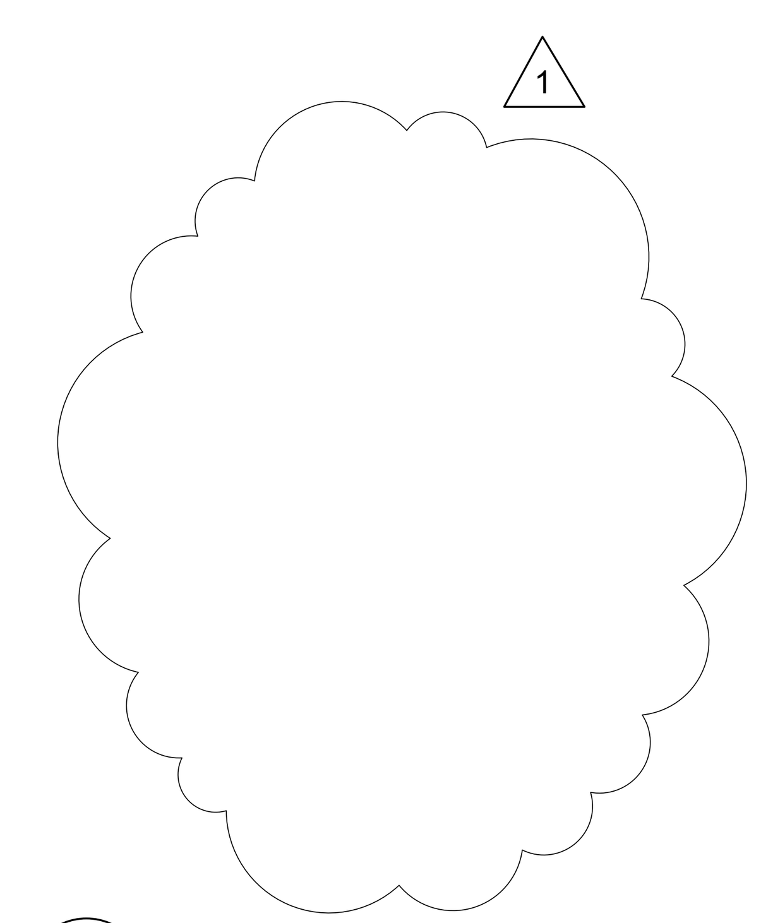


6 SOUTH WALL INTERIOR ELEVATION OF RESTROOM 136 & 137
Scale: 3/8"+1'-0"

General Notes
1. IN ALL INSTANCES FOR ELEC. OUTLETS: VERIFY EXISTING LOCATION AND MOVE TO DESIRED LOCATIONS DEPICTED IN THE DRAWINGS WHERE OUTLETS ARE INDICATED.



7 NORTH WALL INTERIOR ELEVATION OF TLT. 136 & 137
Scale: 3/8"=1'-0"



8 NOT USED
Scale: Actual Size

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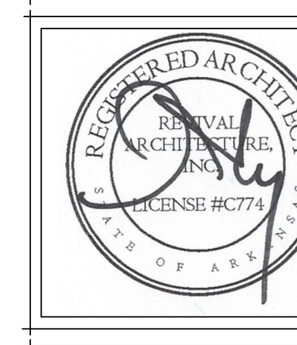

Project Name:
Mississippi County Health Units Blytheville

Issue Date:
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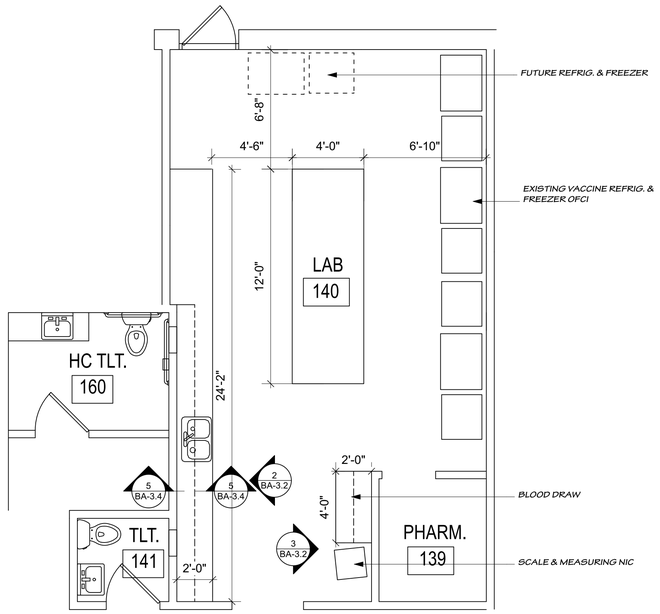
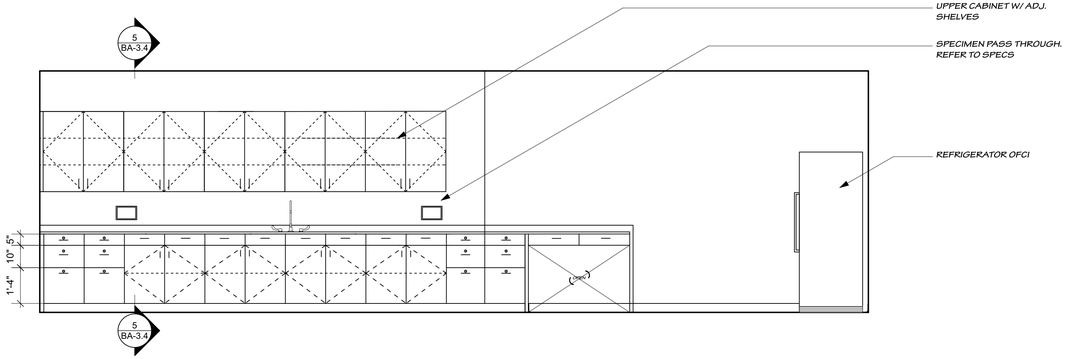
Revisions:
October 28, 2022 1

Sheet Contents:
ENLARGED FLOOR PLANS & INTERIOR ELEVATIONS

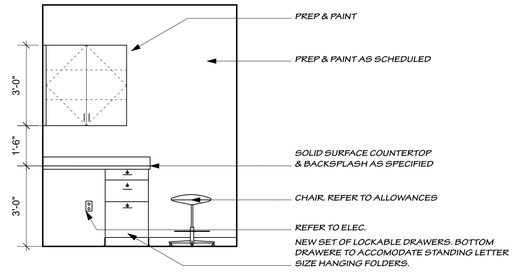
Sheet No:
BA-3.1



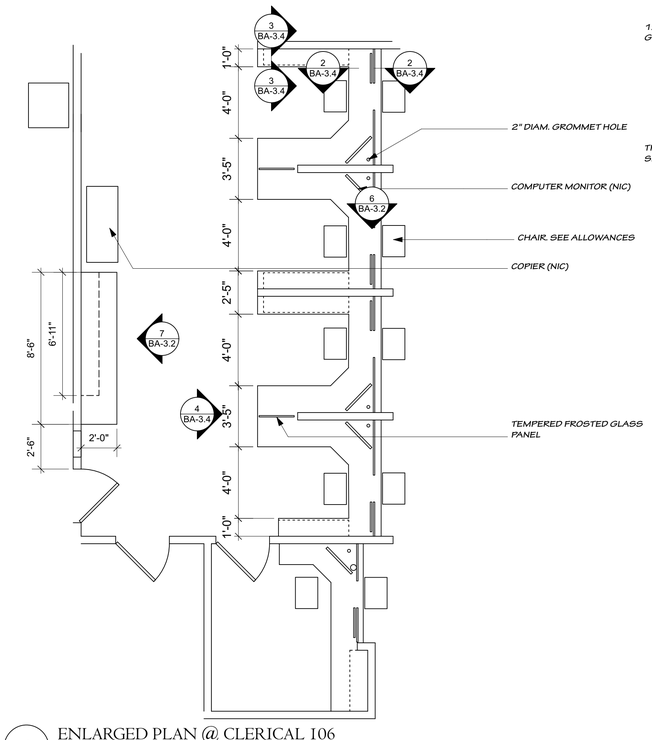
1 ENLARGED PLAN @ LAB 140
Scale: 1/4"=1'-0"



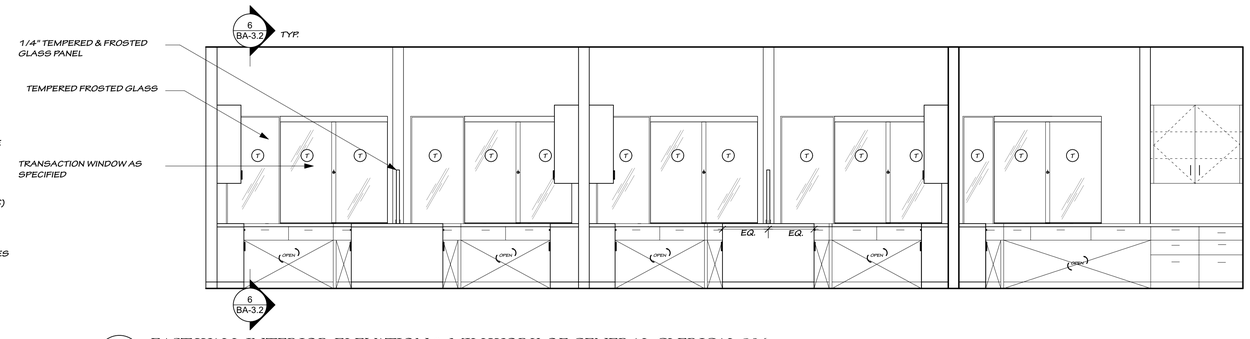
2 WEST WALL INTERIOR ELEVATION & MILLWORK OF LAB 140
Scale: 3/8"=1'-0"



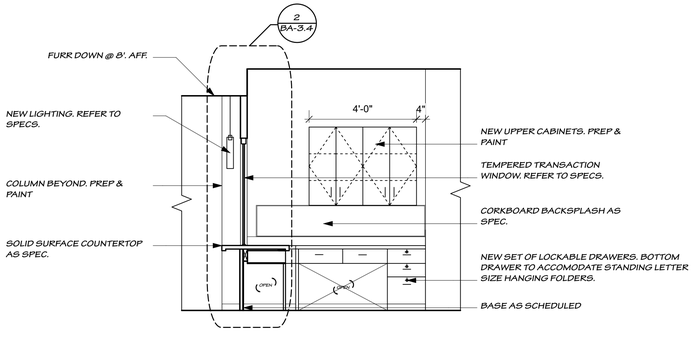
3 EAST WALL INTERIOR ELEVATION OF BLOOD DRAW
Scale: 3/8" = 1'-0"



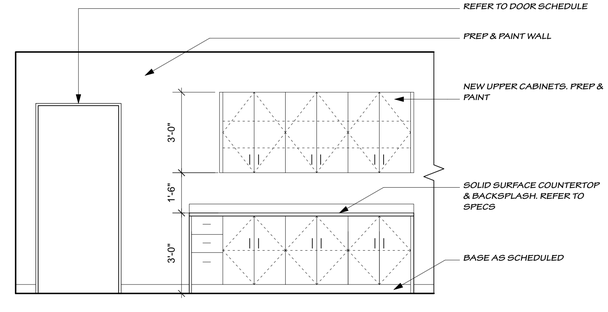
4 ENLARGED PLAN @ CLERICAL 106
Scale: 1/4"=1'-0"



5 EAST WALL INTERIOR ELEVATION & MILLWORK OF GENERAL CLERICAL 106
Scale: 3/8"=1'-0"



6 SOUTH WALL INTERIOR ELEVATION & MILLWORK OF GENERAL CLERICAL 106
Scale: 3/8"=1'-0"



7 ELEVATION @ CLERICAL MILLWORK
Scale: 3/8" = 1'-0"

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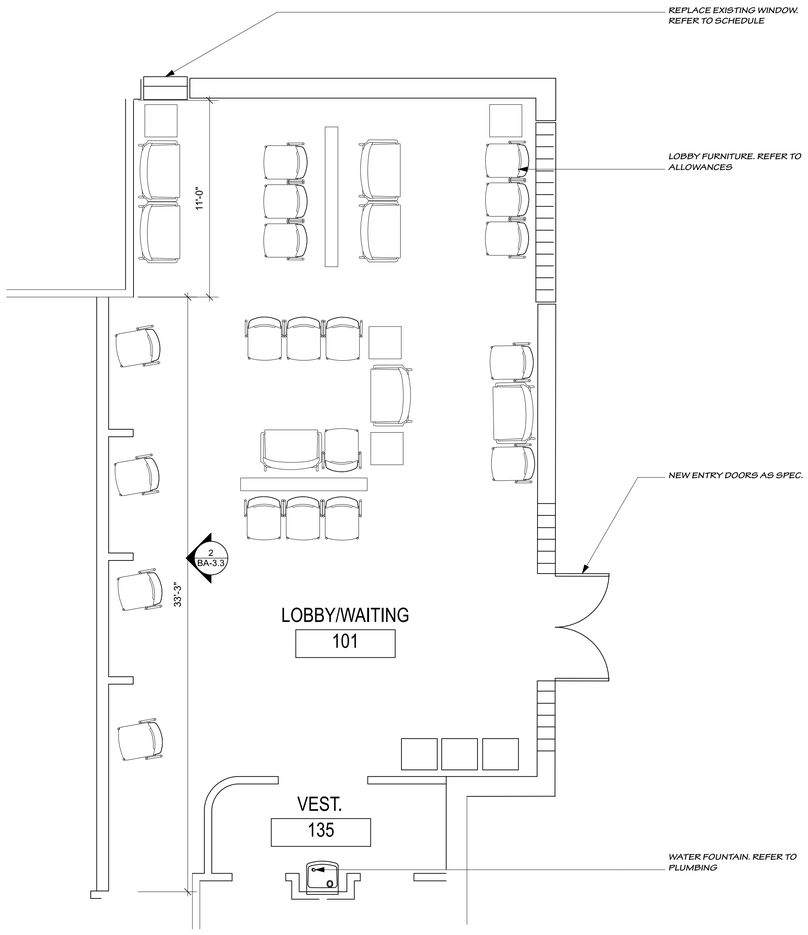
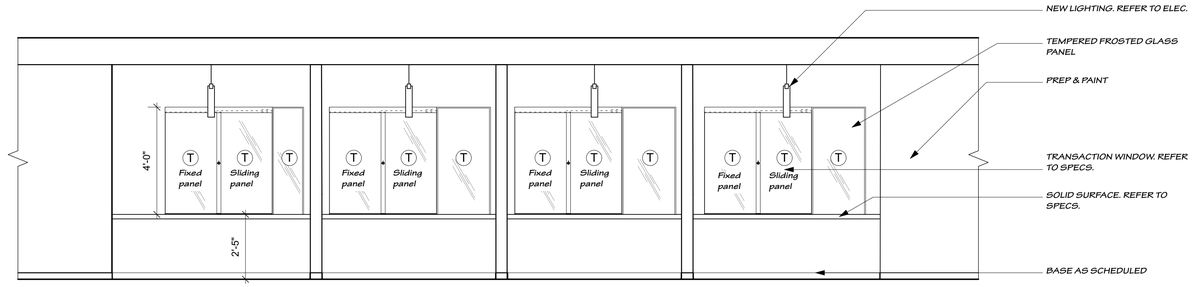
October 28, 2022
4

Sheet Contents:
ENLARGED FLOOR PLANS & INTERIOR ELEVATIONS

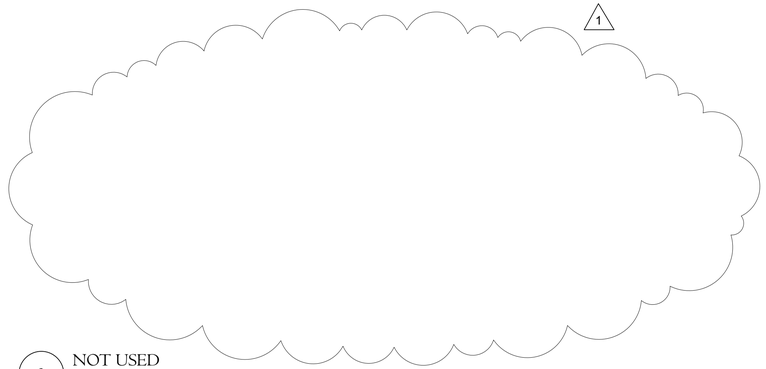
Sheet No:
BA-3.2



1 ENLARGED PLAN @ LOBBY
Scale: 1/4" = 1'-0"



2 ELEVATION @ LOBBY FACING WEST WALL
Scale: 3/8" = 1'-0"



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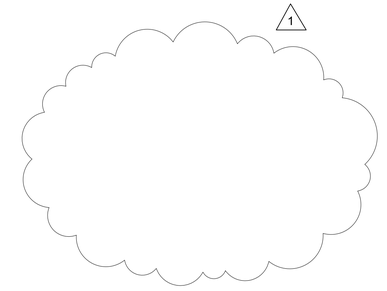
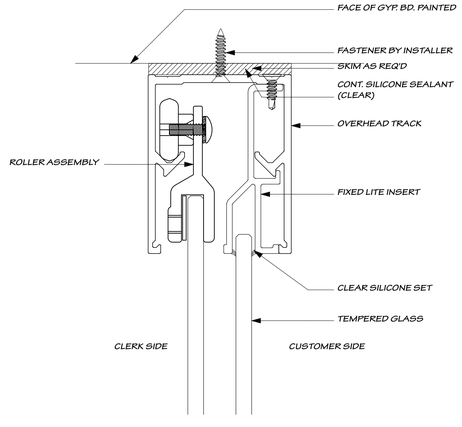
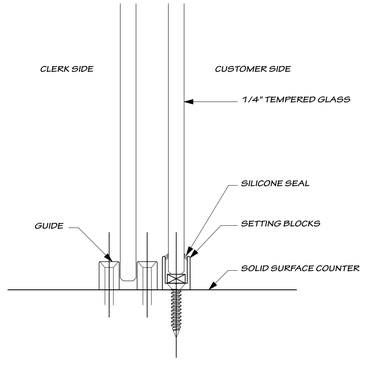
Scale: 3/8" = 1'-0"



4 NOT USED
Scale: Actual Size



6 DETAIL SECTION @ TRANSACTION WINDOW HEAD
Scale: Actual Size



7 DETAIL SECTION @ TRANSACTION WINDOW BASE
Scale: Actual Size

REVIVAL ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
(501) 951-3316 www.revivalarch.com S.DAG.

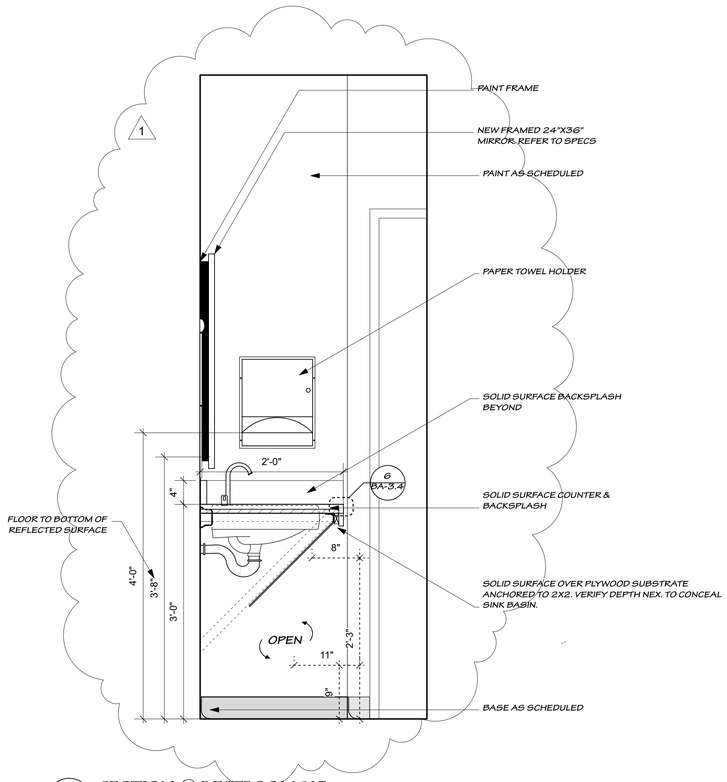
REGISTERED ARCHITECT REVIVAL ARCHITECTURE INC. LICENSE #C774 ARKANSAS

Project Name:
Mississippi County Health Units
Blytheville

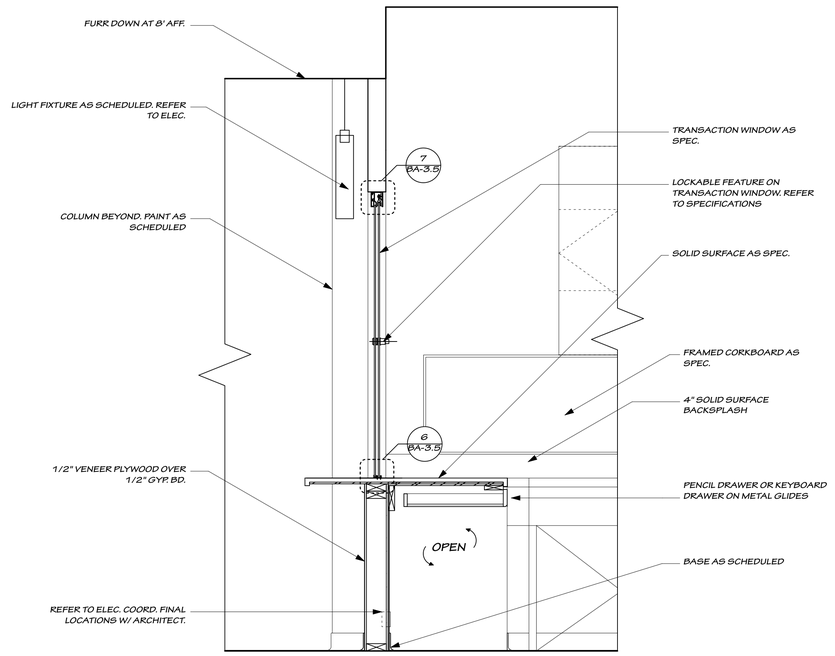
Issue Date:
August 26, 2022
Revisions:
October 28, 2022 1

Sheet Contents:
ENLARGED FLOOR PLANS & INTERIOR ELEVATIONS

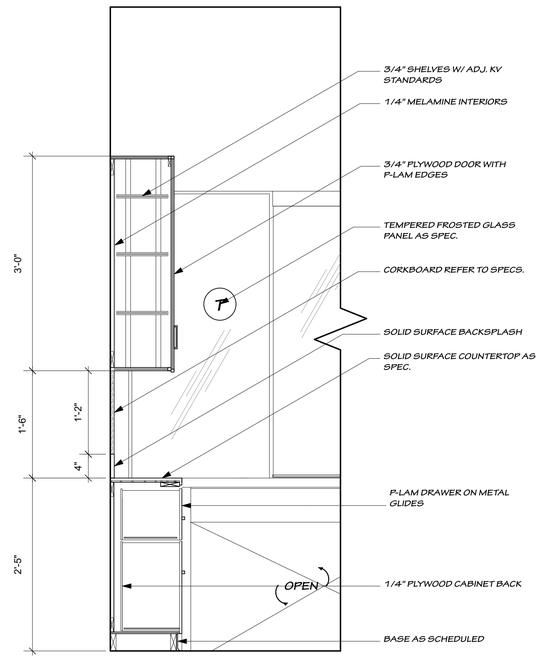
Sheet No:
BA-3.3



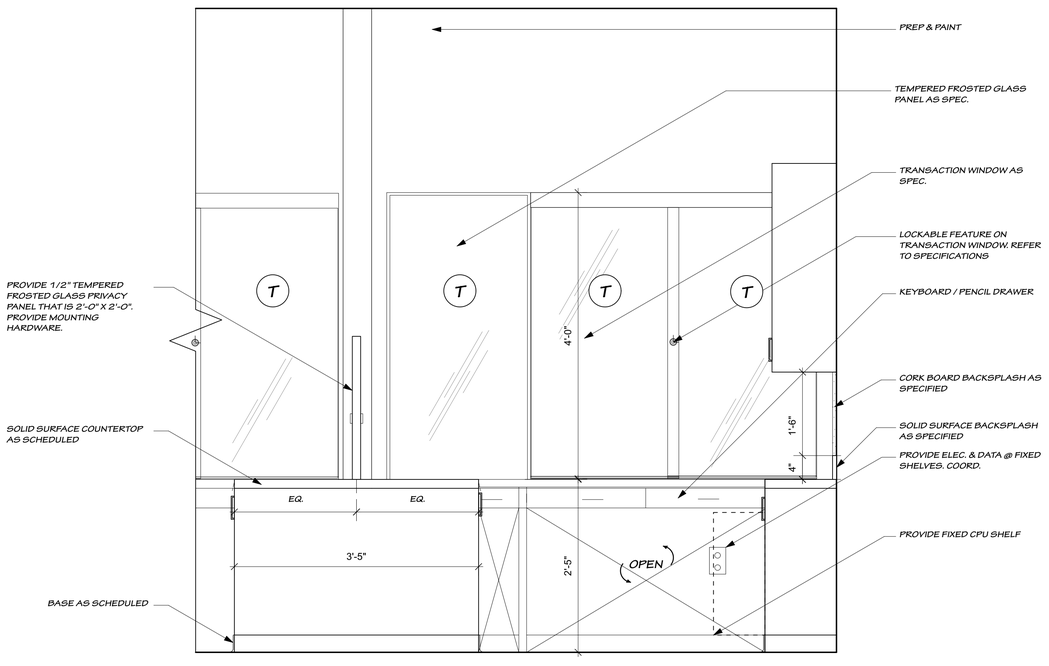
1 SECTION @ RESTROOM 137
Scale: 1"=1'-0"



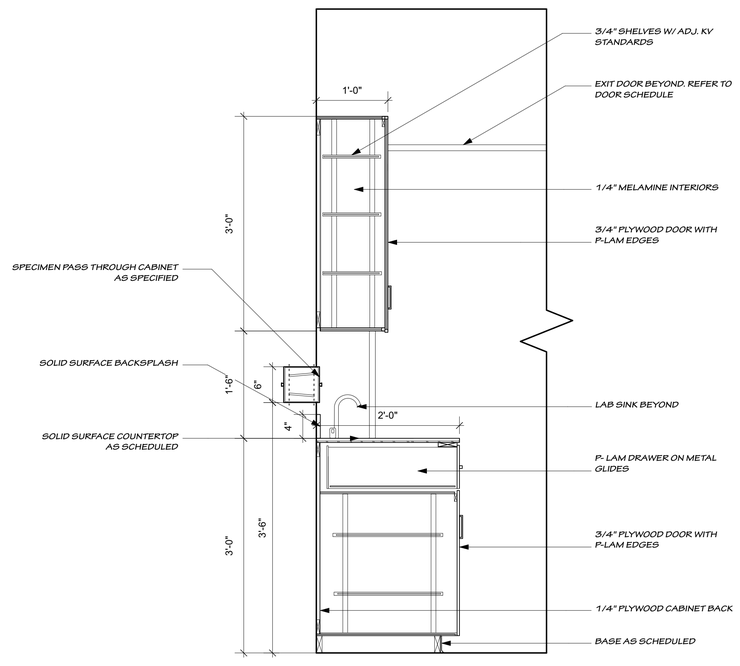
2 SECTION @ RECEPTION DESK FACING SOUTH
Scale: 1" = 1'-0"



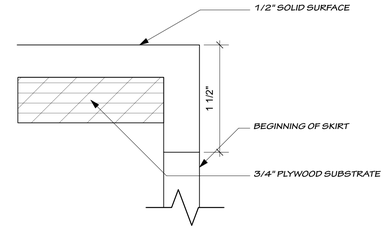
3 SECTION @ RECEPTION CABINETS FACING EAST
Scale: 1" = 1'-0"



4 TYP. MILLWORK @ RECEPTION
Scale: 1" = 1'-0"



5 SECTION @ LAB FACING NORTH
Scale: 1" = 1'-0"



6 DETAIL OF SOLID SURFACE NOSING
Scale: Actual Size

REVIVAL ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
(501) 951-3316 www.revivalarch.com
S.H.G.

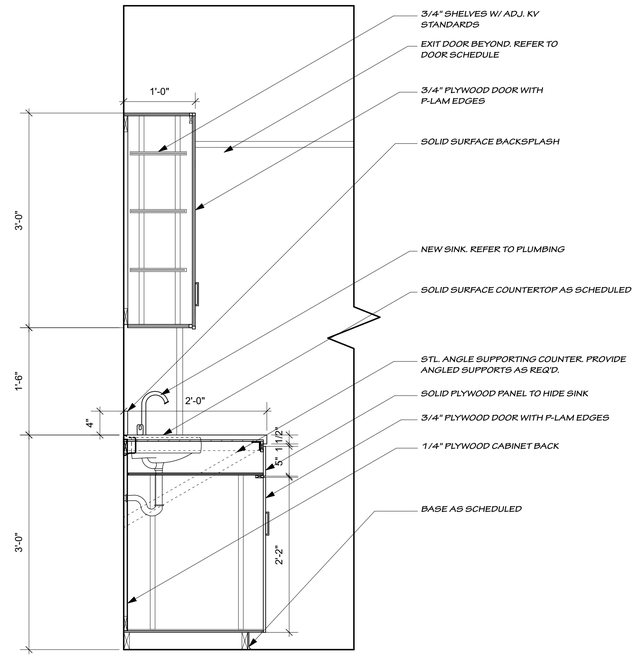
REGISTERED ARCHITECT
REVIVAL ARCHITECTURE, INC.
LICENSE #C774
STATE OF ARKANSAS

Project Name:
Mississippi County Health Units
Blytheville

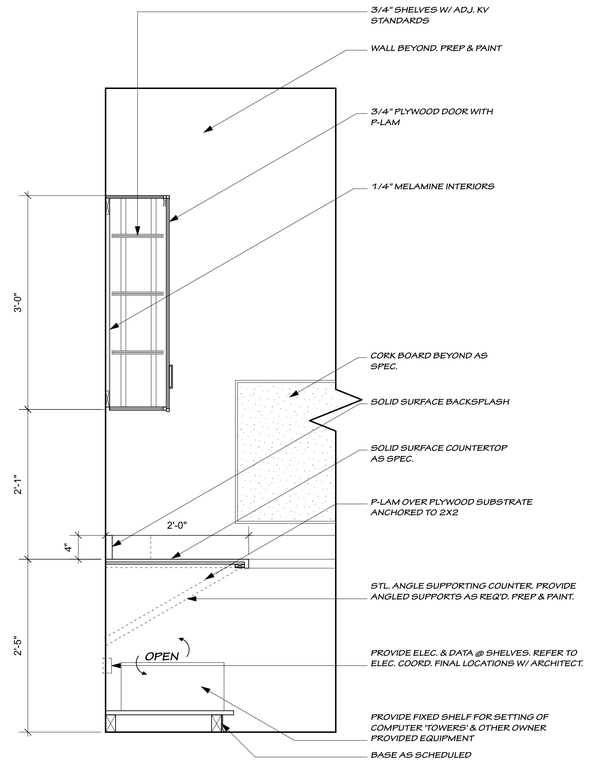
Issue Date:
August 26, 2022
Revisions:
October 28, 2022
1

Sheet Contents:
MILLWORK DETAILS

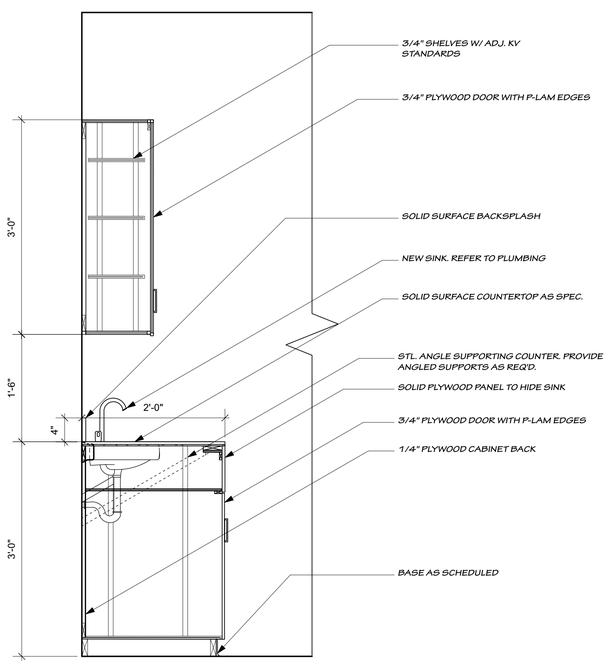
Sheet No:
BA-3.4



1 SECTION @ LAB SINK FACING NORTH
Scale: 1" = 1'-0"



2 SECTION @ EXAM ROOM FACING NORTH
Scale: 1" = 1'-0"



3 TYP. EXAM ROOM SINK
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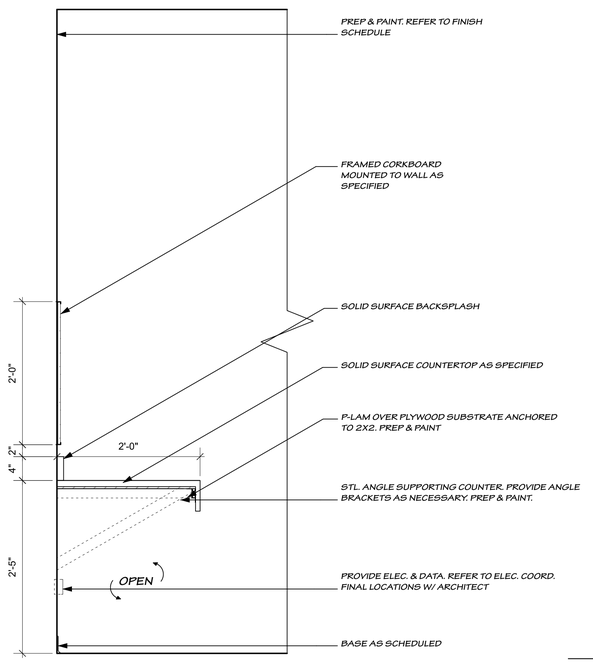
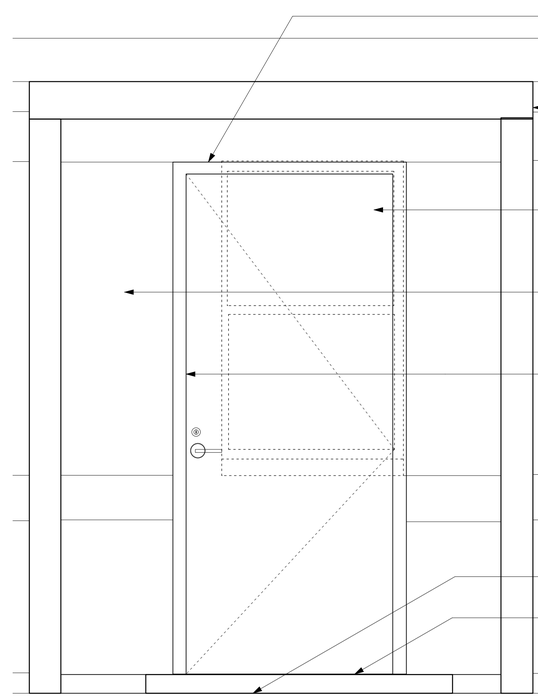
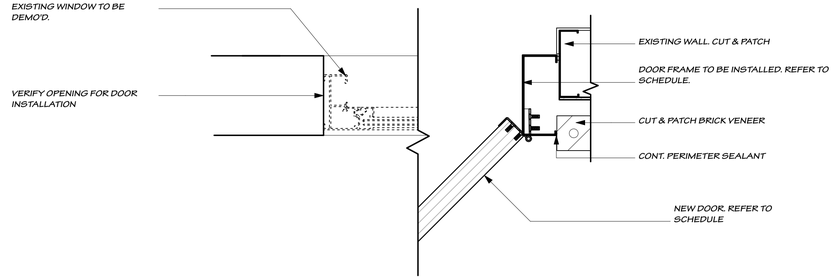
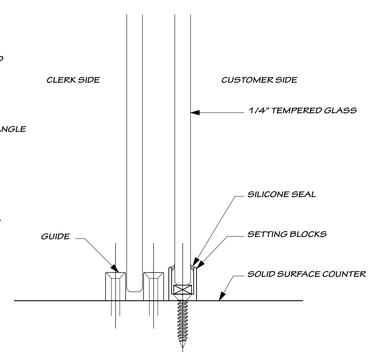


4 TYP. MILLWORK @ WORK SURFACES
Scale: 1" = 1'-0"

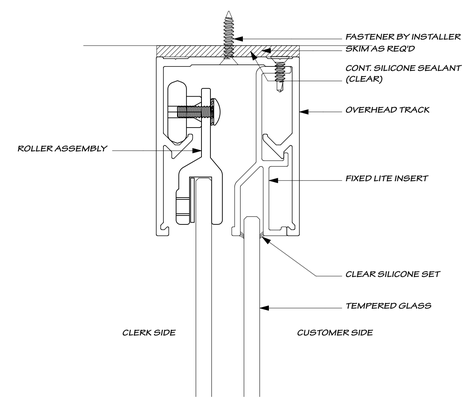




5 DEMO OF WINDOW / INSTALLATION OF DOOR
Scale: 1" = 1'-0"



6 DETAIL @ BASE OF TRANSACTION WINDOW
Scale: Actual Size



7 DETAIL @ TOP OF TRANSACTION WINDOW
Scale: Actual Size

REVIVAL ARCHITECTURE, LLC
P.O. Box 400, Scott, Arkansas 72142
(501) 951-3316
www.revivalarch.com

REGISTERED ARCHITECT
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Project Name:
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Blytheville

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1

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MILLWORK DETAILS

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FINISH SCHEDULE

ROOM NUMBERS	DESCRIPTION	CEILING	FLOOR	BASE	WALLS	NOTES
101	LOBBY/WAITING	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	5
102	RECEPTION	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO INT. ELEVATIONS.
104	COMPUTER	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO FLOOR PLAN. ACCENT PAINT COLOR
106A	CHECK-OUT	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
106	GENERAL CLERICAL	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO INT. ELEVATIONS.
107	FILE ROOM	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
108	CORRIDOR	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
108B	CORRIDOR	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
108C	CORRIDOR	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
108D	CORRIDOR	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
108E	CORRIDOR	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
108F	CORRIDOR	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
111	OFFICE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	5. REFER TO INT. ELEVATIONS.
112	OFFICE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	5. REFER TO INT. ELEVATIONS.
113	TOILET	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO INT. ELEVATIONS.
114	STORAGE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
115	OFFICE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	5. REFER TO INT. ELEVATIONS.
116	OFFICE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	5. REFER TO INT. ELEVATIONS.
117	OFFICE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	5. REFER TO INT. ELEVATIONS.
118	ADMIN. OFFICE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	5. REFER TO INT. ELEVATIONS.
119	STORAGE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
120	OFFICE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	5. REFER TO INT. ELEVATIONS.
123	MECH.	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
124	ELEC.	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
125	TOILET	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
126	TOILET	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
127	OFFICE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	5. REFER TO INT. ELEVATIONS.
128A	OFFICE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	5. REFER TO INT. ELEVATIONS.
128	OFFICE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	5. REFER TO INT. ELEVATIONS.
129	OFFICE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	5. REFER TO INT. ELEVATIONS.
130	OFFICE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	5. REFER TO INT. ELEVATIONS.
131	BREAK ROOME	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	5. REFER TO FLOOR PLAN. ACCENT PAINT COLOR
132	KITCHEN	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO INT. ELEVATIONS.
133	STORAGE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
134	CLASSROOM	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	5
135	VESTIBULE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
136	HC TOILET	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
137	HV TOILET	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
138	WIC	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO FLOOR PLAN. ACCENT PAINT COLOR
139	PHARMACY	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO FLOOR PLAN. ACCENT PAINT COLOR
140	LAB	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO INT. ELEVATIONS.
141	TOILET	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
143	OFFICE/EXAM	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO INT. ELEVATIONS.
145	OFFICE/EXAM	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO INT. ELEVATIONS.
146	STORAGE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
147	OFFICE/EXAM	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO INT. ELEVATIONS.
148A	ESSENTIAL SUPPLY	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO FLOOR PLAN. ACCENT PAINT COLOR
148	OFFICE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO INT. ELEVATIONS.
149	WAITING ROOM	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO INT. ELEVATIONS.
150	MID-WIFE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO FLOOR PLAN. ACCENT PAINT COLOR
151	EXAM	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO INT. ELEVATIONS.
152	EXAM	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO INT. ELEVATIONS.
153	OFFICE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO INT. ELEVATIONS.
154	EXAM (VACCINES)	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO FLOOR PLAN. ACCENT PAINT COLOR
155	STORAGE	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
156	OFFICE/EXAM	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO INT. ELEVATIONS.
157	OFFICE/EXAM	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO INT. ELEVATIONS.
158	JANITORS CLOSET	REFER TO CEILING PLAN	LVT	RUBBER	FRP	FLOOR TO 4'-0" A.F.F.
159	OFFICE/EXAM	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO INT. ELEVATIONS.
160	HC TOILET	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	
161	EXAM	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO INT. ELEVATIONS.
162	EXAM	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO INT. ELEVATIONS.
163	COURIER	REFER TO CEILING PLAN	LVT	RUBBER	PAINT	REFER TO FLOOR PLAN. ACCENT PAINT COLOR

DOOR SCHEDULE

DOOR NUMBER	DOOR LOCATION & TYPE LOCATION	DOOR	DOOR ELEVATION	SIZE (WIDTH X HEIGHT)	CONSTRUCTION	FIRE RATING	FRAME	FRAME TYPE	HARDWARE	NOTES
101/1	LOBBY/WAITING 101	N	A	PAIR 3'-0" X 7'-0"	AL		E	REFER TO EXISTING	1	COORD. DOOR & HARDWARE
104/1	COMPUTER 104	N	E	3'-0" X 7'-0"	HM		N	HM	3	
106/1	GENERAL CLERICAL 106	N	E	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	5	
108B/1	CORRIDOR 108B	E			OK		E	REFER TO EXISTING	2	PROVIDE PEEP HOLE & THRESHOLD SWEEPS.
108C/1	CORRIDOR 108C	E			OK		E	REFER TO EXISTING	2	PROVIDE PEEP HOLE & THRESHOLD SWEEPS.
111/1	OFFICE 111	N	E	3'-0" X 7'-0"	SCW		N	HM	3	
112/1	OFFICE 112	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	3	
113/1	TOILET 113	N	D	VERIFY	SCW		E	REFER TO EXISTING	4	PRIVACY LATCH, REFER TO HARDWARE SCHEDULE
114/1	STORAGE 114	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	3	
115/1	OFFICE 115	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	3	
116/1	OFFICE 116	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	3	
117/1	OFFICE 117	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	3	
118/1	ADMIN. OFFICE 118	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	3	
119/1	STORAGE 119	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	3	
120/1	OFFICE 120	N	E	3'-0" X 7'-0"	SCW		N	HM	3	
123/1	MECHANICAL 123	N	C	PAIR 3'-0" X 7'-0"	HM		E	REFER TO EXISTING	2	PROVIDE THRESHOLD SWEEPS
123/2	MECHANICAL 123	N	D	VERIFY	SCW		N	HM	3	
124/1	ELECTRIC 124	N	D	3'-0" X 7'-0"	HM		E	REFER TO EXISTING	2	PROVIDE THRESHOLD SWEEPS
124/2	ELECTRIC 124	N	C (SIM.)	VERIFY	SCW		N	HM	3	
125/1	TOILET 125	N	D	VERIFY	SCW		E	REFER TO EXISTING	4	PRIVACY LATCH, REFER TO HARDWARE SCHEDULE
126/1	TOILET 126	N	D	VERIFY	SCW		E	REFER TO EXISTING	4	PRIVACY LATCH, REFER TO HARDWARE SCHEDULE
127/1	OFFICE 127	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	3	
128/1	OFFICE 128	N	D	3'-0" X 7'-0"	SCW		N	HM	3	
128A/1	OFFICE 128A	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	3	
129/1	OFFICE 129	N	E	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	3	
130/1	OFFICE 130	N	E	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	3	
131/1	BREAKROOM 131	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	5	
132/1	KITCHEN 132	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	5	
132/2	KITCHEN 132	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	5	
133/1	STORAGE 133	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	3	
134/1	CLASSROOM 134	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	3	
136/1	HC TOILET 136	N	E	3'-0" X 7'-0"	SCW		N	HM	4	PRIVACY LATCH, REFER TO HARDWARE SCHEDULE
137/1	HC TOILET 137	N	E	3'-0" X 7'-0"	SCW		N	HM	4	PRIVACY LATCH, REFER TO HARDWARE SCHEDULE
138/1	WIC 138	N	E	3'-0" X 7'-0"	SCW		N	HM	3	
139/1	PHARMACY 139	N	D	3'-0" X 7'-0"	SCW		N	HM	3	PROVIDE LOCK, REFER TO HARDWARE SCHEDULE
140/1	LAB 140	N	B	3'-0" X 7'-0"	HM		N	HM	2	PROVIDE PEEP HOLE & THRESHOLD SWEEPS & DEADBOLT
141/1	TOILET 141	N	D	VERIFY	SCW		E	REFER TO EXISTING	4	PRIVACY LATCH, REFER TO HARDWARE SCHEDULE
143/1	OFFICE/EXAM 143	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	5	
145/1	OFFICE/EXAM 145	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	5	
146/1	STORAGE 146	N	D	VERIFY	SCW		E	REFER TO EXISTING	3	
147/1	OFFICE/EXAM 147	N	E	3'-0" X 7'-0"	SCW		N	HM	5	
147A/1	ESSENTIAL SUPPLY 147A	N	E	3'-0" X 7'-0"	SCW		N	HM	3	PROVIDE LOCK, REFER TO HARDWARE SCHEDULE
148/1	OFFICE 148	N	E	3'-0" X 7'-0"	SCW		N	HM	3	
148A/1	CLOSET 148A	N	E	2'-4" X 7'-0"	SCW		N	HM	5	
149/1	WAITING 149	N	G	3'-0" X 7'-0"	SCW		N	ALUM.	6	REFER TO FRAME ELEVATION
149/2	WAITING 149	N	G	3'-0" X 7'-0"	SCW		N	ALUM.	6	REFER TO FRAME ELEVATION
150/1	MID-WIFE 150	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	3	
151/1	EXAM 151	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	5	
152/1	EXAM 152	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	5	
153/1	EXAM 153	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	5	
153/2	EXAM 153	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	5	
155/1	STORAGE 155	N	D	VERIFY	SCW		E	REFER TO EXISTING	3	
156/1	OFFICE/EXAM 156	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	5	
157/1	OFFICE/EXAM 157	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	5	
158/1	JANITOR'S CLOSET 158	N	D	VERIFY	SCW		E	REFER TO EXISTING	3	
159/1	OFFICE/EXAM 159	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	5	
160/1	HC TOILET 160	N	D	3'-0" X 7'-0"	SCW		N	HM	4	PRIVACY LATCH, REFER TO HARDWARE SCHEDULE
161/1	EXAM 161	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	5	
162/1	EXAM 162	N	D	3'-0" X 7'-0"	SCW		E	REFER TO EXISTING	5	

GENERAL NOTES

1. COORDINATE DOOR & HARDWARE W/ EXISTING FRAME. MAKE NECESSARY REPAIRS OR ADJUSTMENTS TO FRAME AS MAY BE REQ'D TO ACCOM. NEW DOOR. PROVIDE NEW WEATHER STRIPPING.
2. EXISTING DOOR TO REMAIN. CLEAN THOROUGHLY. ADJUST OR TIGHTEN EXISTING HARDWARE FOR BEST FUNCTION.
3. PROVIDE NEW HARDWARE. DRILL/PATCH EXISTING DOOR AS REQ'D.
4. REPLACE HARDWARE W/ NEW SIM. TO EXISTING. PROVIDE NEW WEATHERSTRIPPING. ADD PEEPHOLE.
5. APPLY ROLLER-SHADES TO ALL WINDOWS. WITH THE EXCEPTION OF GLASS BLOCK WINDOWS.

HARDWARE NOTES

1. HARDWARE 1 - ENTRY DOORS W/ HANDLE AND LOCK. PUSH BAR ON INTERIOR SIDE.
2. HARDWARE 2 - EXT. METAL HANDLE W/ LOCK. NEW WEATHERSTRIPPING
3. HARDWARE 3 - HARDWARE FOR INTERIOR DOOR W/ LOCK AND CORRESPONDING KEY
4. HARDWARE 4 - METAL HANDLE FOR INT. DOOR WITH BATHROOM PRIVACY LOCK
5. HARDWARE 5 - STANDARD METAL HANDLE FOR INT. DOOR
6. HARDWARE BY STOREFRONT MANUF.

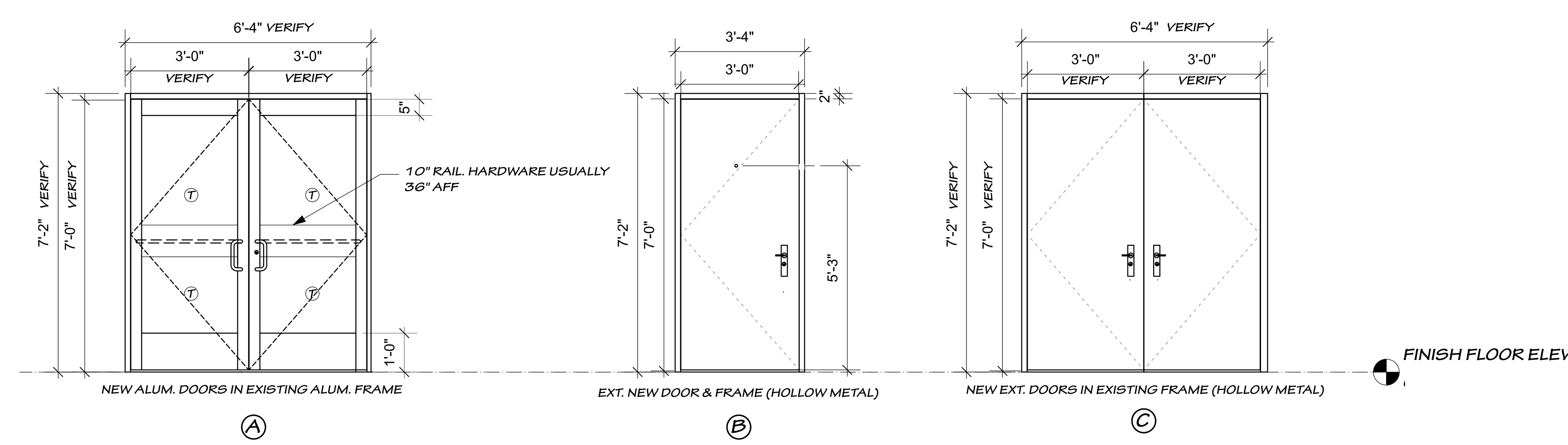
WINDOW SCHEDULE

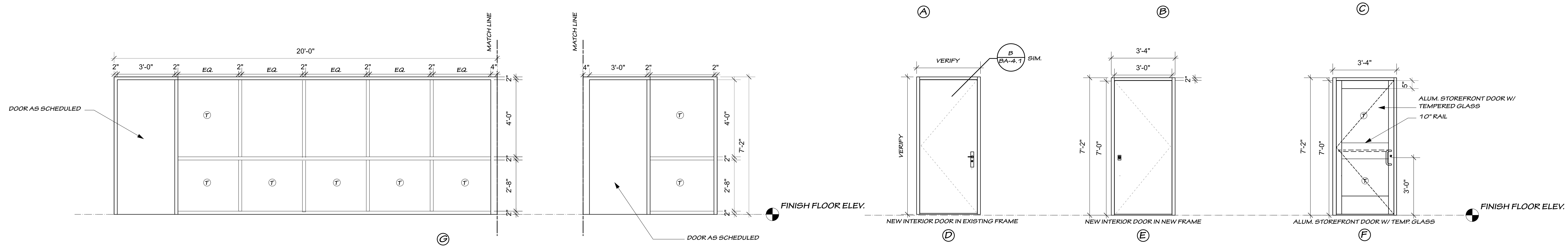
FAÇADE	LOCATION	TYPE	FRAME SIZE (WIDTH X HEIGHT)	ROUGH OPENING
NORTH	LOBBY/WAITING 101	A	35.5" X 61.5"	36" X 62"
NORTH	OFFICE 111	A	35.5" X 61.5"	36" X 62"
NORTH	OFFICE 112	A	35.5" X 61.5"	36" X 62"
NORTH	OFFICE 115	A	35.5" X 61.5"	36" X 62"
NORTH	OFFICE 116	A	35.5" X 61.5"	36" X 62"
NORTH	OFFICE 118	A	35.5" X 61.5"	36" X 62"
WEST	OFFICE 118	A	35.5" X 61.5"	36" X 62"
WEST	OFFICE 120	A	35.5" X 61.5"	36" X 62"
SOUTH	OFFICE 127	A	35.5" X 61.5"	36" X 62"
SOUTH	OFFICE 127	A	35.5" X 61.5"	36" X 62"
SOUTH	OFFICE 128A	A	35.5" X 61.5"	36" X 62"
SOUTH	OFFICE 128	A	35.5" X 61.5"	36" X 62"
SOUTH	OFFICE 129	A	35.5" X 61.5"	36" X 62"
SOUTH	OFFICE 130	A	35.5" X 61.5"	36" X 62"
SOUTH	BREAK ROOM 131	A	35.5" X 61.5"	36" X 62"
SOUTH	BREAK ROOM 131	A	35.5" X 61.5"	36" X 62"
SOUTH	CLASSROOM 134	A	35.5" X 61.5"	36" X 62"

* CONTRACTOR VERIFY ROUGH OPENING SIZES PRIOR TO OPENING.

ABBREVIATIONS

AL - ALUMINUM
HM - HOLLOW METAL
SCW - SOLID CORE WOOD
E - EXISTING
N - NEW
T - TEMPERED
EQ - EQUAL
SIM - SIMILAR





REVIVAL ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
(501) 951-3316
www.revivalarch.com

Project Name: Mississippi County Health Units Blytheville

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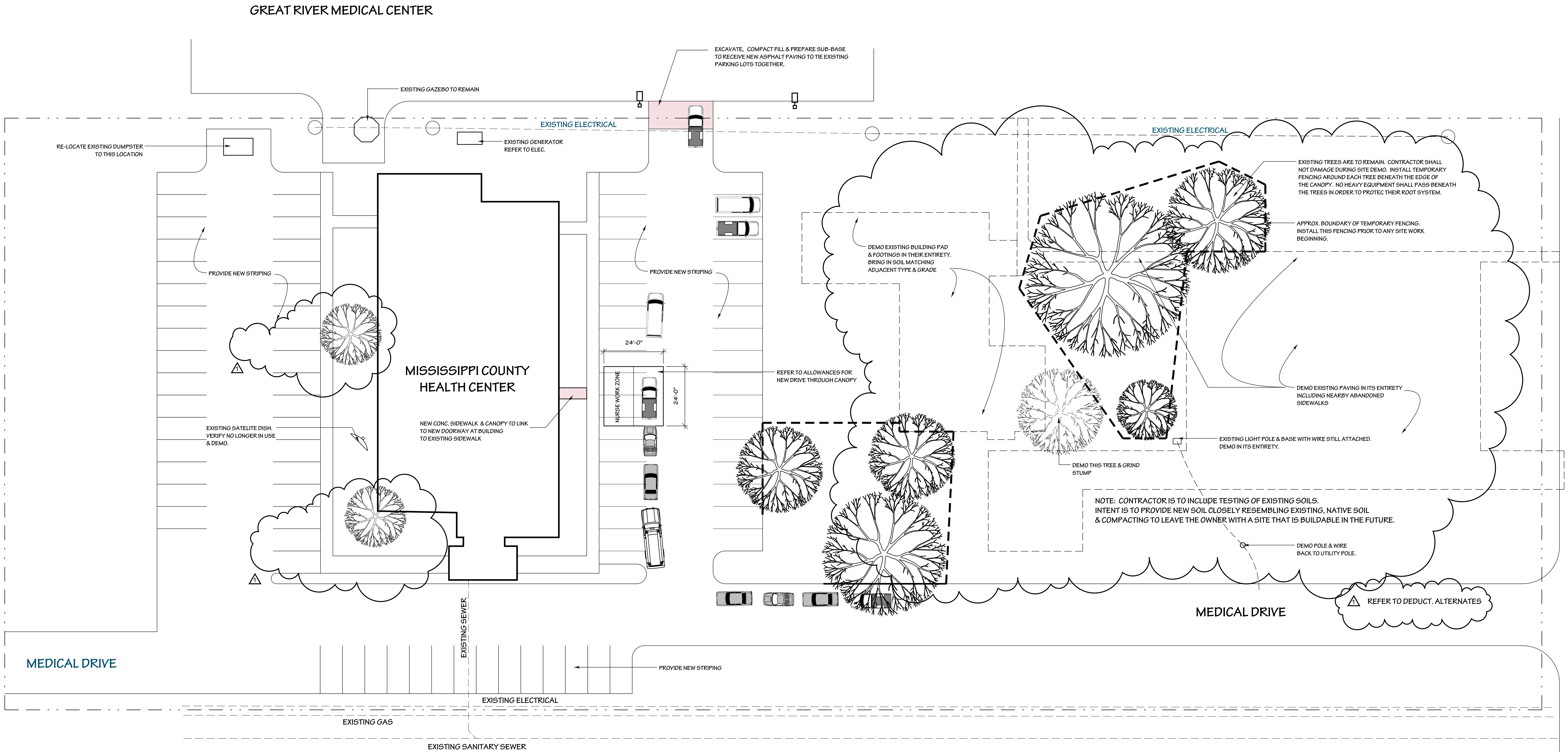
Sheet Contents: SCHEDULES

Sheet No: BA-4.1


GREAT RIVER MEDICAL CENTER
EXCAVATE, COMPACT FILL & PREPARE SUB-BASE TO RECEIVE NEW ASPHALT PAVING TO TIE EXISTING PARKING LOTS TOGETHER.
EXISTING GAZEBO TO REMAIN
EXISTING ELECTRICAL
RE-LOCATE EXISTING DUMPSTER TO THIS LOCATION
EXISTING GENERATOR REFER TO ELEC.
EXISTING ELECTRICAL
EXISTING TREES ARE TO REMAIN. CONTRACTOR SHALL NOT DAMAGE DURING SITE DEMO. INSTALL TEMPORARY FENCING AROUND EACH TREE BENEATH THE EDGE OF THE CANOPY. NO HEAVY EQUIPMENT SHALL PASS BENEATH THE TREES IN ORDER TO PROTEC THEIR ROOT SYSTEM.
APPROX. BOUNDARY OF TEMPORARY FENCING. INSTALL THIS FENCING PRIOR TO ANY SITE WORK BEGINNING.
DEMO EXISTING BUILDING PAD & FOOTINGS IN THEIR ENTIRETY. BRING IN SOIL MATCHING ADJACENT TYPE & GRADE
PROVIDE NEW STRIPING
PROVIDE NEW STRIPING
MISSISSIPPI COUNTY HEALTH CENTER
24'-0"
24'-0"
NURSE WORK ZONE
REFER TO ALLOWANCES FOR NEW DRIVE THROUGH CANOPY
DEMO EXISTING PAVING IN ITS ENTIRETY INCLUDING NEARBY ABANDONED SIDEWALKS
EXISTING SATELITE DISH. VERIFY NO LONGER IN USE & DEMO.
NEW CONC. SIDEWALK & CANOPY TO LINK TO NEW DOORWAY AT BUILDING TO EXISTING SIDEWALK
EXISTING LIGHT POLE & BASE WITH WIRE STILL ATTACHED. DEMO IN ITS ENTIRETY.
DEMO THIS TREE & GRIND STUMP
NOTE: CONTRACTOR IS TO INCLUDE TESTING OF EXISTING SOILS. INTENT IS TO PROVIDE NEW SOIL CLOSELY RESEMBLING EXISTING, NATIVE SOIL & COMPACTING TO LEAVE THE OWNER WITH A SITE THAT IS BUILDABLE IN THE FUTURE.
DEMO POLE & WIRE BACK TO UTILITY POLE.
N. TENTH STREET
REFER TO DEDUCT. ALTERNATES
MEDICAL DRIVE
EXISTING SEWER
MEDICAL DRIVE
PROVIDE NEW STRIPING
EXISTING ELECTRICAL
EXISTING GAS
EXISTING SANITARY SEWER

1 SITE PLAN
SCALE: 1" = 20'-0"

GENERAL NOTES:

1.) THIS SITE PLAN SHALL NOT BE CONSIDERED A LEGAL SURVEY. IT HAS BEEN DRAWN BASED ON PRE-EXISTING INFORMATION FROM THE ORIGINAL ARCHITECTURAL DRAWINGS & CONFIRMED, ROUGHLY, BY STUDY OF RECENT PHOTOGRAPHS. THE CONTRACTOR SHALL VERIFY ALL INFORMATION PERTITENT TO THE WORK, INCLUDING LOCATING PRESENCE OF UTILTIES AND THEIR ACTUAL LOCATION AND SIZE.

2.) CONTRACTOR IS RESPONSIBLE FOR CONTACTING UTILITIES SHOULD WORK REQUIRE NEW SERVICE LINES OR ALTERATIONS. PRIOR TO ANY SITE DEMO, CONTACT ARKANSAS ONE-CALL TO LOCATE POSSIBLE UNDERGROUND UTILITIES.

3.)

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REGISTERED ARCHITECT REVIVAL ARCHITECTURE, INC. LICENSE #C774 STATE OF ARKANSAS

Project Name:
Mississippi County Health Units
Blytheville

Issue Date:
August 26, 2022
Revisions:
1 Re-Bid 10/28/22

Sheet Contents:
SITE PLAN

Sheet No:
BC-1.1

ALTERNATES

THE CONTRACTOR SHALL PRICE THE FOLLOWING ITEMS AS DEDUCTIVE ALTERNATE TO THE DRAWINGS.

1. EXISTING HVAC UNITS TO REMAIN.
2. AN ALTERNATE LIGHTING PACKAGE AS APPROVED BY THE ARCHITECT.
3. ALUMINUM WIRES FOR WIRE SIZE 1/0 AND LARGER. DRAWINGS ARE SIZED FOR COPPER, CONTRACTOR TO SIZE ALUMINUM PER NEC.
4. MC CABLE IN LIEU OF EMT THROUGHOUT THE INTERIOR OF THE BUILDING.

GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL INSTALLATION WITH THE WORK OF OTHER TRADES. FIELD MODIFICATIONS NEEDED DUE TO OBSTRUCTIONS OR INTERFERENCES SHALL BE PROVIDED AT NO ADDITIONAL COST.
2. ALL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER WITHIN STANDARD OF CARE FOR PROFESSION. ALL LABOR, MATERIAL, TOOLS, PERMITS, INSPECTIONS, TESTING, CERTIFICATION, ETC. REQUIRED FOR A COMPLETE AND SATISFACTORY INSTALLATION TO DESIGN INTENT SHALL BE FURNISHED BY CONTRACTOR. PROVIDE, AT NO ADDITIONAL COST, INCLUDING INCIDENTAL ITEMS NOT SHOWN WHEN REQUIRED FOR TYPICAL COMPLETION OF WORK.
3. DRAWINGS NOT BEARING THE STAMP OR SEAL AND SIGNATURE OF A REGISTERED PROFESSIONAL ENGINEER SHALL NOT BE USED FOR BIDDING OR CONSTRUCTION PURPOSES UNLESS EXPRESSLY APPROVED IN WRITING BY THE ARCHITECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL DRAWINGS AND SPECIFICATIONS BEING USED FOR BIDDING AND CONSTRUCTION PURPOSES ARE OF THE LATEST REVISION AVAILABLE AND ALL ADDENDUM DOCUMENTS HAVE BEEN INCORPORATED EITHER BY REVISION RELEASE OF DRAWINGS/SPECIFICATIONS OR ATTACHMENT OF SKETCHES OR OTHER ADDENDUM INFORMATION.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW PRODUCTS OF ESTABLISHED AND REPUTABLE MANUFACTURERS. NO EQUIPMENT SUBSTITUTIONS SHALL BE MADE THAT WOULD LEAVE INADEQUATE OPERATING OR SERVICE SPACE. EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES AND IN AN ARRANGEMENT THAT WILL GIVE THE GREATEST PRACTICAL EASE OF OPERATION AND SERVICE TO THE OWNER.
5. ALL EQUIPMENT WHICH IS INDICATED TO BE FURNISHED AND/OR INSTALLED BY OTHERS OR BY OWNER IS INCLUDED FOR REFERENCE ONLY UNLESS NOTED OTHERWISE. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND VERIFYING INSTALLATION REQUIREMENTS OF THIS EQUIPMENT WITH THE APPLICABLE SUPPLIER OR THE OWNER. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
6. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE CODES AND REGULATIONS INCLUDING BUT NOT LIMITED TO NATIONAL, CITY, STATE, LOCAL ORDINANCES, AND UTILITY COMPANY REGULATIONS. ALL PLUMBING MATERIALS, INSTALLATION PROCEDURES, AND SYSTEM LAYOUTS SHALL BE APPROVED BY ALL APPLICABLE AUTHORITIES HAVING JURISDICTION. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THESE RULES, REGULATIONS, AND ORDINANCES. THESE CODES REPRESENT THE MINIMUM ACCEPTABLE REQUIREMENTS, THEREFORE, WHERE DRAWINGS AND/OR SPECIFICATIONS INDICATE MATERIALS OR CONSTRUCTION MORE STRINGENT THAT CODE REQUIREMENTS, THE DRAWINGS AND/OR SPECIFICATIONS SHALL GOVERN.
7. IF COMPLIANCE WITH STANDARDS, CODES, REGULATIONS AND CONTRACT DOCUMENTS ESTABLISH DIFFERENT OR CONFLICTING REQUIREMENTS FOR MINIMUM QUANTITIES OR QUALITY LEVELS, REFER CONFLICTING REQUIREMENTS TO ENGINEER FOR A DECISION BEFORE PROCEEDING.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS INCURRED BY ANY SERVING UTILITY, MUNICIPAL AUTHORITY, AND/OR OWNER FOR THE RELOCATION, REMOVAL, AND INSTALLATION OF TEMPORARY OR NEW SERVICES.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND PROVIDING THE EXACT SERVICE EQUIPMENT AND INSTALLATION METHODS WITH THE SERVING UTILITY, MUNICIPAL AUTHORITY, AND/OR OWNER PRIOR TO BIDDING. FAILURE TO DO SO WILL NOT CONSTITUTE SUFFICIENT GROUNDS FOR AN AUTHORIZED CHANGE ORDER TO THE PROJECT.
10. CLOSEOUT SUBMITTALS SHALL INCLUDE, BUT NOT LIMITED TO, OPERATION AND MAINTENANCE MANUALS AND RECORD DRAWINGS. PROVIDE TRAINING WHERE REQUIRED.
11. THE CONTRACTOR SHALL VISIT THE SITE OF THE BUILDING BEFORE SUBMITTING A PROPOSAL ON THIS WORK AND SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS AND OPERATIONS. FAILURE ON HIS PART TO DO THIS WILL NOT BE CAUSE OF EXTRAS AFTER THE CONTRACT IS SIGNED, BY REASON OF UNFORESEEN CONDITIONS.
12. NO PERSON SHALL PERFORM ELECTRICAL WORK ON THE CONTRACT WITHOUT POSSESSING A MASTER'S OR JOURNEYMAN'S LICENSE FROM THE STATE ELECTRICAL EXAMINERS BOARD. ALL ELECTRICAL WORK AND APPRENTICE ELECTRICIANS SHALL BE SUPERVISED BY A MASTER JOURNEYMAN ELECTRICIAN ON A ONE TO ONE RATIO.
13. PREPARE AND SUBMIT SUBMITTALS TO ARCHITECT AS SPECIFIED.
14. ALL AREAS USED AS RETURN AIR PLENUMS SHALL BE CONSTRUCTED WITH FIRE RESISTANT MATERIALS AND SHALL ONLY CONTAIN MATERIALS WHICH HAVE SMOKE DEVELOPED RATINGS NOT GREATER THAN 50 AND FLAME SPREAD RATINGS NOT GREATER THAN 25.
15. ALL ELECTRICAL EQUIPMENT, SUCH AS SWITCHES, CIRCUIT BREAKERS, ETC. SHALL BE TESTED BY OPERATING THE DEVICE TO VERIFY THAT THE MECHANICAL PORTIONS OF THE DEVICE ARE FUNCTIONING.
16. THE CONTRACTOR SHALL ASSIST ALL OTHER TRADES IN PERFORMING ROTATIONAL TESTS ON ALL MOTORS PROVIDED UNDER THIS CONTRACT.

LEGEND

Symbol	Description
A	WALL MOUNT STRIP LIGHT.
A	WALL PACK LIGHT FIXTURE.
D	RECESSED DOWN LIGHT.
A	2X4 LED TROFFER.
A EL	2X4 LED TROFFER ON EMERGENCY POWER.
A	2X2 LED TROFFER.
A EL	2X2 LED TROFFER ON EMERGENCY POWER.
A	4' LED STRIP
L	WALL LIGHT
OL	RECESSING LIGHTING
\$ \$D \$3 \$4	SINGLE POLE SWITCH. "D" DENOTES DIMMER, "3" 3-WAY, "4" - 4 WAY. COORDINATE WITH FIXTURE/LAMP TYPE AND CIRCUIT WATTAGE.
\$OS	WALL MOUNTED DUAL TECH. MOTION SENSOR SWITCH WIRE PER MANUFACTURERS RECOMMENDATION. PROVIDE CONTACTORS TO CONTROL EXHAUST FAN WITH LIGHTS WHERE REQUIRED.
\$M	MOTOR RATED SWITCH USED FOR EQUIPMENT DISCONNECTING MEANS. SINGLE PHASE: PROVIDE MANUAL MOTOR STARTER WITH THERMAL OVERLOAD RELAYS SIZED PER MOTOR LOAD.
PP	POWER POLE
	BRANCH CIRCUIT HOMERUN. PANEL AND CIRCUIT NUMBER INDICATED.
OS	CEILING MOUNTED DUAL TECH. OCCUPANCY SENSOR EQUAL TO WATTSTOPPER 2000 SQ FT. PROVIDE AND INSTALL POWER PACKS AS REQUIRED. COORDINATE SWITCHING, LOCATION AND QUANTITY WITH ACTUAL OCCUPANCY SENSOR USED. WIRE PER MANUFACTURERS RECOMMENDATION.
OS	WALL MOUNTED DUAL TECH. OCCUPANCY SENSOR. EQUAL TO WATTSTOPPER 2000 SQ FT. PROVIDE AND INSTALL POWER PACKS AS REQUIRED. COORDINATE SWITCHING, LOCATION AND QUANTITY WITH ACTUAL OCCUPANCY SENSOR USED. WIRE PER MANUFACTURERS RECOMMENDATION.
A	EXIT SIGN/COMBINATION EXIT/EMERGENCY LIGHT
A	EXIT SIGN/COMBINATION EXIT/EMERGENCY LIGHT (WITH DIRECTIONAL ARROWS).
A	EXIT SIGN/COMBINATION EXIT/EMERGENCY LIGHT (WITH STROBES).
A	WALL MOUNTED EXIT SIGN/COMBINATION EXIT/EMERGENCY LIGHT.
	COMBINATION TELEPHONE/DATA: REQUIRES 4" SQUARE OUTLET BOX, APPROPRIATE PLASTER RING, AND 1" C. STUBBED TO AN ACCESSIBLE LOCATION ABOVE A REMOVABLE CEILING TILE. NUMBER DENOTES THE NUMBER OF TELEPHONE PORTS/CABLES TO BE PROVIDED. MINIMUM OF TWO CABLES AT EACH LOCATION IS REQUIRED UNLESS OTHERWISE NOTED. MOUNT 18" AFF UNLESS OTHERWISE NOTED.
	FUSED/NON-FUSED DISCONNECT-FUSE ALL EQUIPMENT PER MANUFACTURER RECOMMENDATION FOR THE ACTUAL EQUIPMENT FURNISHED. MOUNT DISCONNECT FOR HVAC CONDENSER UNITS WITH TOP OF SWITCH AT 36" A.F.F.
J	JUNCTION BOX. VERIFY MOUNTING HEIGHT WITH MILLWORK DETAILS AND/OR THE OWNER'S REPRESENTATIVE. AT EQUIPMENT LOCATIONS VERIFY THE EXACT LOCATION WITH THE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
	DUPLEX RECEPTACLE. MOUNT 18" AFF UNLESS OTHERWISE NOTED.
	QUADRUPLEX RECEPTACLE. MOUNT 18" AFF UNLESS OTHERWISE NOTED.
	DUPLEX RECEPTACLE GROUND FAULT TYPE.
	QUADRUPLEX RECEPTACLE GROUND FAULT TYPE.
	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER.
	QUADRUPLEX RECEPTACLE MOUNTED ABOVE COUNTER.
	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER.
	QUADRUPLEX RECEPTACLE MOUNTED ABOVE COUNTER.
	EMERGENCY RECEPTACLE.
	SPECIAL RECEPTACLE AS NOTED ON THE PLANS.
	ELECTRICAL PANEL.
TTB	TELEPHONE TERMINAL BOARD
1	REVISION DELTA.

SUBSCRIPTS:

GFI = GROUND FAULT CIRCUIT INTERRUPTER.
WP = WEATHER RESISTANT RECEPTACLES ARE "GFI", WITH METAL WEATHER RESISTANT "WHILE-IN-USE" COVERS.
EC = ELECTRICAL CONTRACTOR
AFF = ABOVE FINISHED FLOOR
AFG = ABOVE FINISHED GRADE
NTS = NOT TO SCALE

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P.O. Box 400, Scott, Arkansas 72142
(501) 951-3316 www.revivalarch.com
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STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER MICHAEL PRESTON HARKEY NO. 5822
8/26/22

Insight ENGINEERING
CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

PROJECT NAME:
Mississippi County Health Units
Blytheville

ISSUE DATE:
August 26, 2022
Revisions:

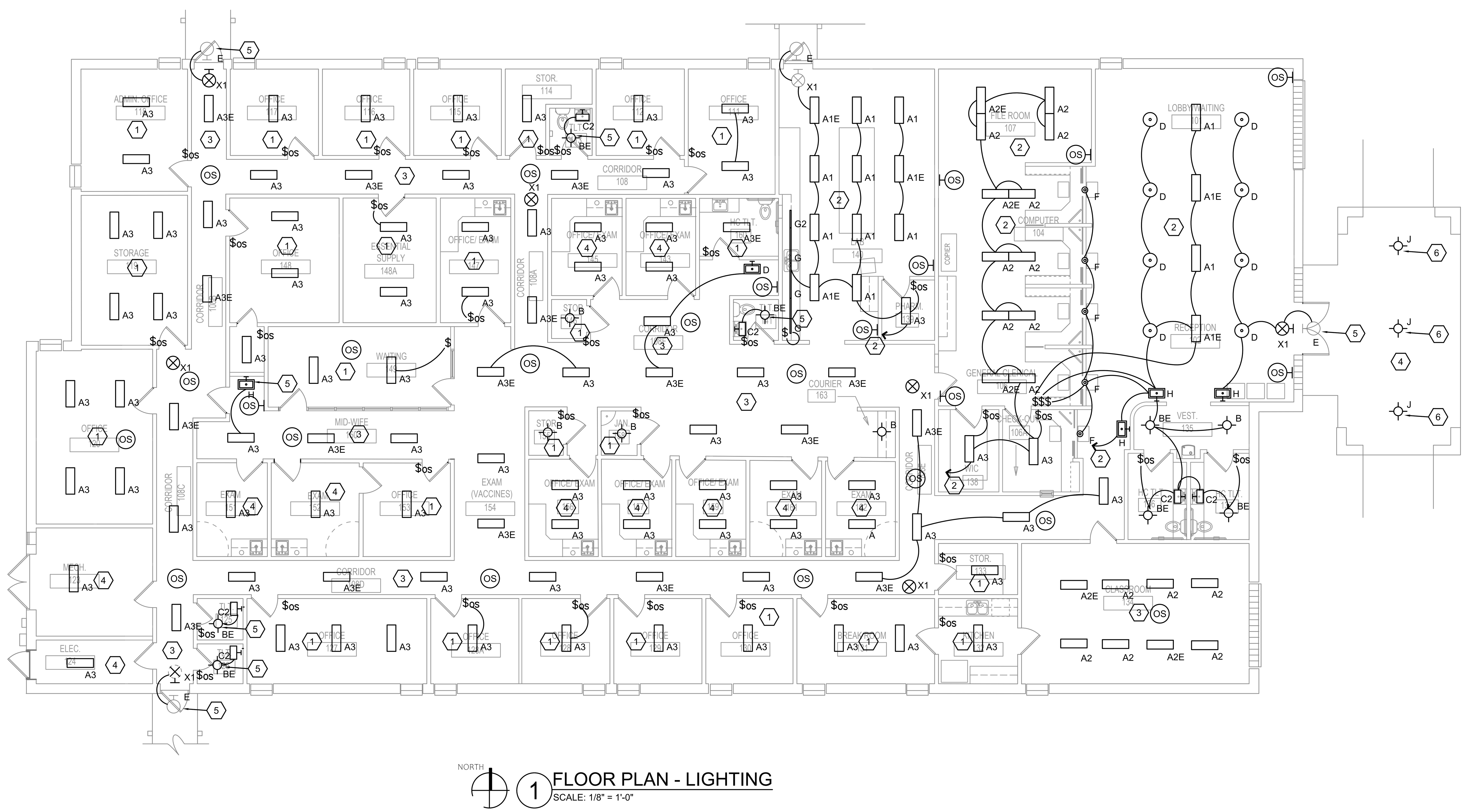
Sheet Contents:
ELECTRICAL GENERAL NOTES AND LEGEND

Sheet No:
BE-1.0

1 FLOOR PLAN - LIGHTING DEMOLITION
SCALE: 1/8" = 1'-0"

DEMOLITION KEYED NOTES:

1. REMOVE EXISTING LIGHT FIXTURE, WIRE, AND CONDUIT IN THIS ROOM BACK TO NEAREST J-BOX, REMOVE EXISTING SWITCH(ES) AND PROVIDE BLANK COVERPLATE AS REQUIRED.
2. REMOVE EXISTING LIGHT FIXTURE IN THIS ROOM, BOX, CONDUIT, AND WIRE TO REMAIN. REMOVE EXISTING SWITCH, SWITCH JBOX AND CONDUIT TO REMAIN.
3. REMOVE EXISTING LIGHT FIXTURE IN THIS ROOM. JBOX, CONDUIT, AND WIRE TO REMAIN. EXISTING SWITCH TO REMAIN.



1 FLOOR PLAN - LIGHTING
SCALE: 1/8" = 1'-0"

KEYED NOTES:

1. INSTALL NEW LIGHT FIXTURE IN EXISTING JBOX. RECONNECT TO EXISTING CIRCUIT AND SWITCHING. EXTEND HOT TO NEW EMERGENCY FIXTURES AS REQUIRED. INSTALL NEW SWITCHED OCCUPANCY SENSOR IN EXISTING BOX.
2. INSTALL NEW LIGHT FIXTURES IN NEW CEILING. HOMERUN TO PANEL "P1" TO SPARE LIGHTING CIRCUIT. INSTALL NEW OCCUPANCY SENSOR(S) AND POWER PACKS AS REQUIRED.
3. INSTALL NEW LIGHT FIXTURE IN EXISTING JBOX. RECONNECT TO EXISTING CIRCUIT AND SWITCHING. EXTEND HOT TO NEW EMERGENCY FIXTURES AS REQUIRED. INSTALL NEW OCCUPANCY SENSOR(S) AND POWER PACK AS REQUIRED, CONNECT TO EXISTING CIRCUIT. WIRE EXISTING SWITCH TO OVERRIDE OCCUPANCY SENSOR(S).
4. INSTALL NEW LIGHT FIXTURE IN EXISTING JBOX. RECONNECT TO EXISTING CIRCUIT AND SWITCHING. EXTEND HOT TO NEW EMERGENCY FIXTURES AS REQUIRED.
5. INSTALL NEW LIGHT FIXTURE IN NEW JBOX. CONNECT TO CIRCUIT AS SHOWN.
6. BLOCK AND PATCH EXISTING HOLE AS REQUIRED.

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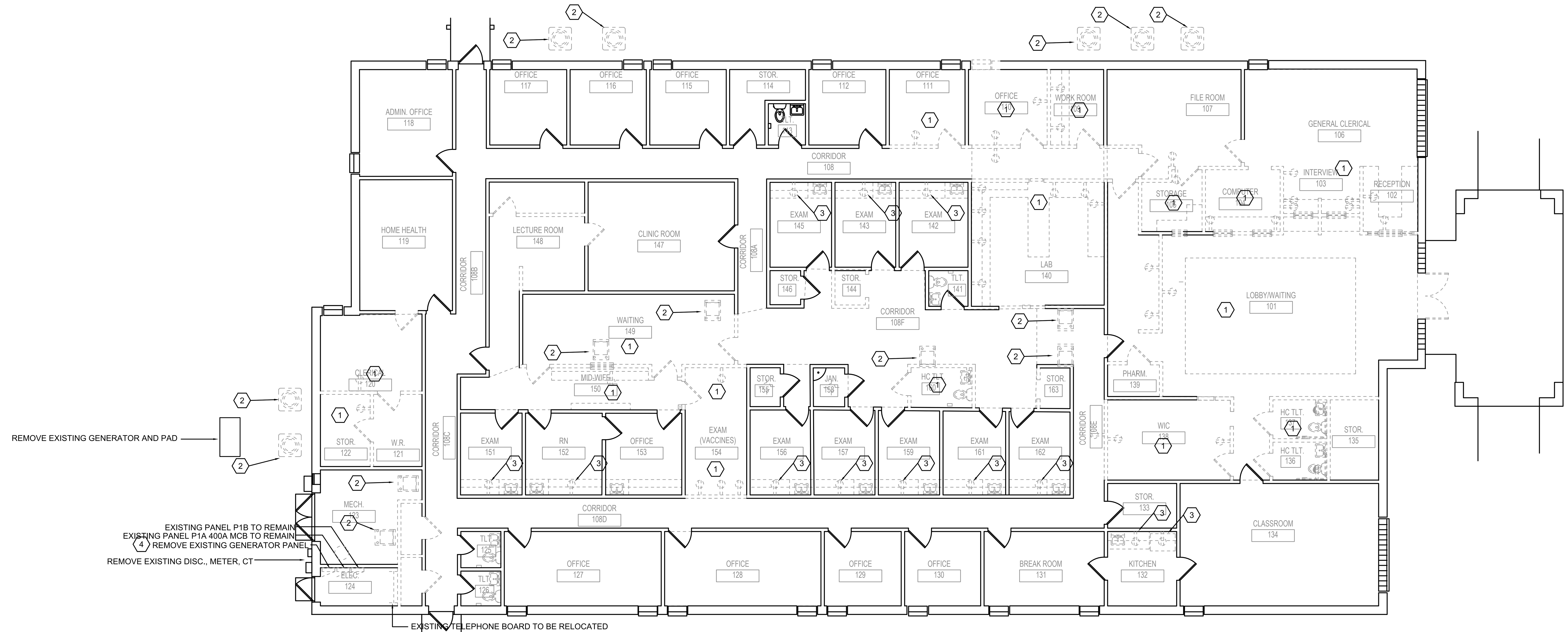
Sheet Contents:
BLYTHEVILLE PLAN - LIGHTING

Sheet No:
BE-1.1



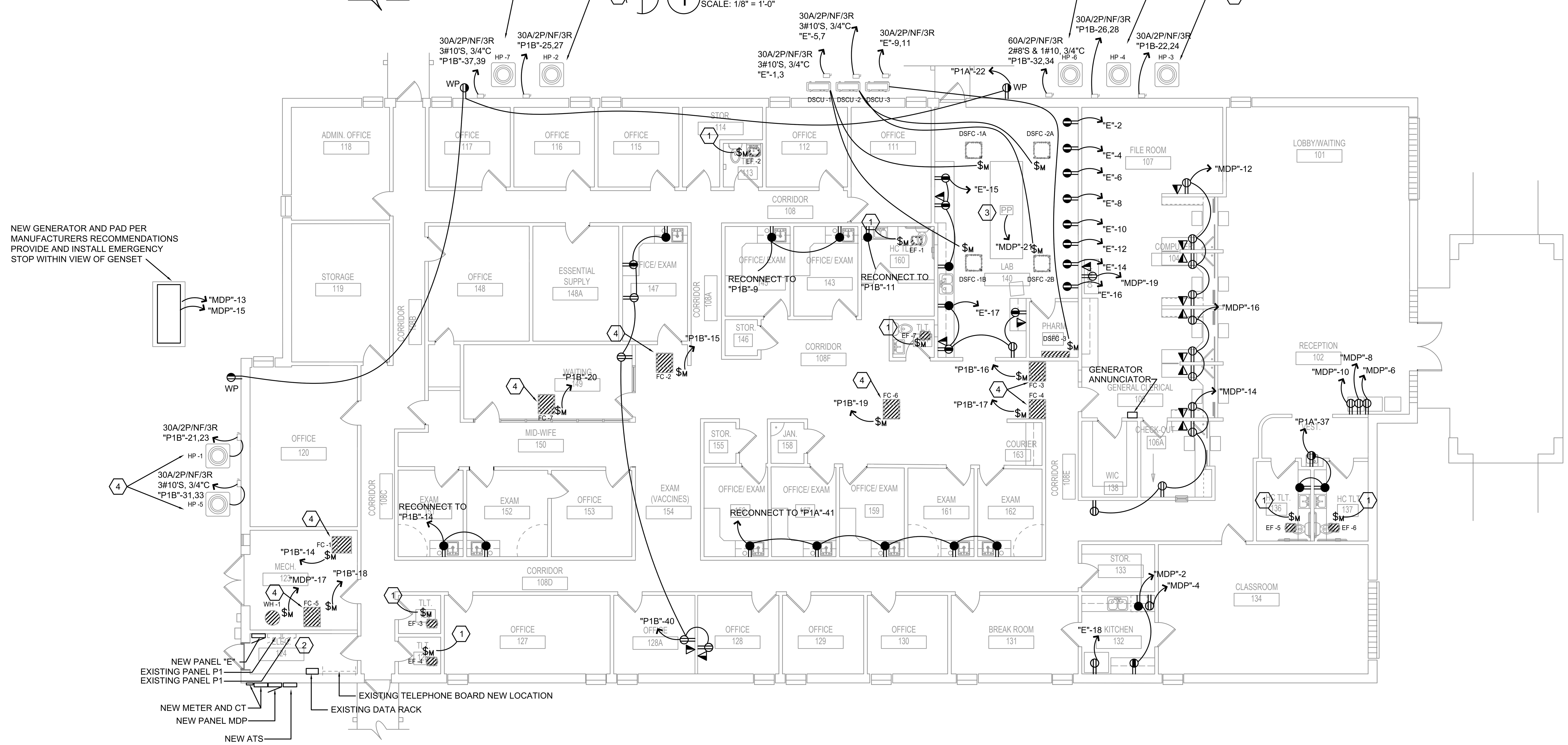
NORTH

1 FLOOR PLAN - POWER AND SYSTEMS DEMOLITION

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

DEMOLITION KEYED NOTES:

1. EXISTING RECEPTACLES IN WALLS TO BE DEMOLISHED TO BE REMOVED BACK TO NEAREST J-BOX, MAINTAIN CIRCUIT CONTINUITY.
2. REMOVE EXISTING HVAC DISCONNECT, CONDUIT, AND WIRE BACK TO PANEL.
3. EXISTING RECEPTACLE, WIRE, AND CONDUIT TO BE REMOVED TO NEAREST J-BOX. MAINTAIN CIRCUIT CONTINUITY. PATCH WALL AS REQUIRED.
4. RELOCATE EXISTING CIRCUITS TO NEW EMERGENCY PANEL.



NORTH

1 FLOOR PLAN - POWER AND SYSTEMS

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

KEYED NOTES:

1. TO ROOM LIGHTS AND SWITCH.
2. INSTALL EXISTING COVERS BACK ON TO PANEL "P1"
3. NEW POWER POLE FROM CEILING TO COUNTER. CENTER IN ISLAND. POWER POLE EQUAL TO WIREMOLD 3000 SERIES. PAINT POLE PER ARCHITECTS DIRECTION. FIELD INSTALL 1-RECEPTACLE ON BOTH NORTH AND SOUTH SIDES OF POWER POLE (2 TOTAL).
4. REFER TO ALTERNATES BE-1.0

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P.O. Box 400, Scott, Arkansas 72142
(501) 951-3316
www.revivalarch.com
S.D.G.

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PROJECT NAME:
Mississippi County Health Units
Blytheville

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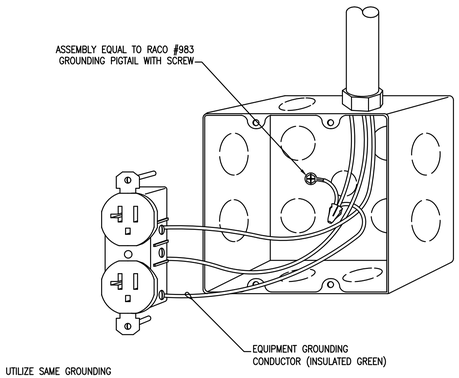
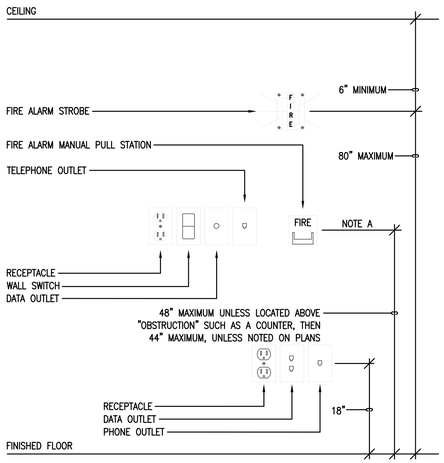
Sheet Contents:
BLYTHEVILLE PLAN - POWER AND SYSTEMS

Sheet No:
BE-1.2



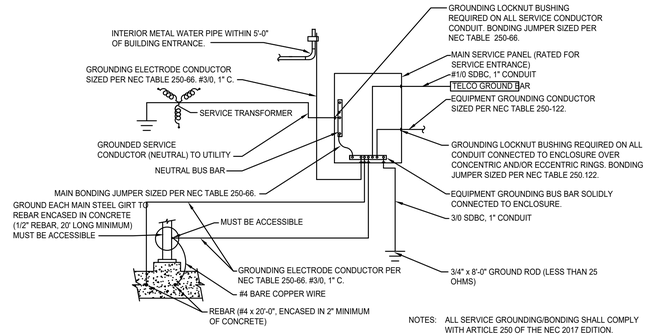
1 JUNCTION BOX GROUNDING DETAIL
SCALE: NONE



GENERAL MOUNTING HEIGHT NOTES:

A. COORDINATE WITH ARCHITECT FOR EXACT LOCATION AND ELEVATION OF ALL DEVICES IN PROXIMITY TO SINKS, COUNTERTOPS, BACK SPLASHES, CABINETRY AND ARCHITECTURAL FEATURE ELEMENTS.

2 DEVICE MOUNTING HEIGHTS DETAIL
SCALE: NONE



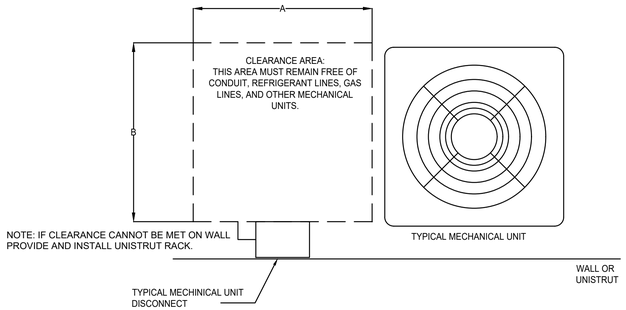
NOTES: ALL SERVICE GROUNDING/BONDING SHALL COMPLY WITH ARTICLE 250 OF THE NEC 2017 EDITION.

ALL GROUNDING BUS TO BE SOLIDLY CONNECTED TO ENCLOSURE.

USE EXOTHERMIC WELDS FOR CONNECTION TO BUILDING STEEL AND REBAR.

PROVIDE SYSTEM BONDING JUMPER AND GROUNDING ELECTRODE CONDUCTOR IN TRANSFORMERS SIZED PER NEC TABLE 250.66.

3 JUNCTION BOX GROUNDING DETAIL
SCALE: NONE



MECHANICAL UNIT DISCONNECT CLEARANCES:

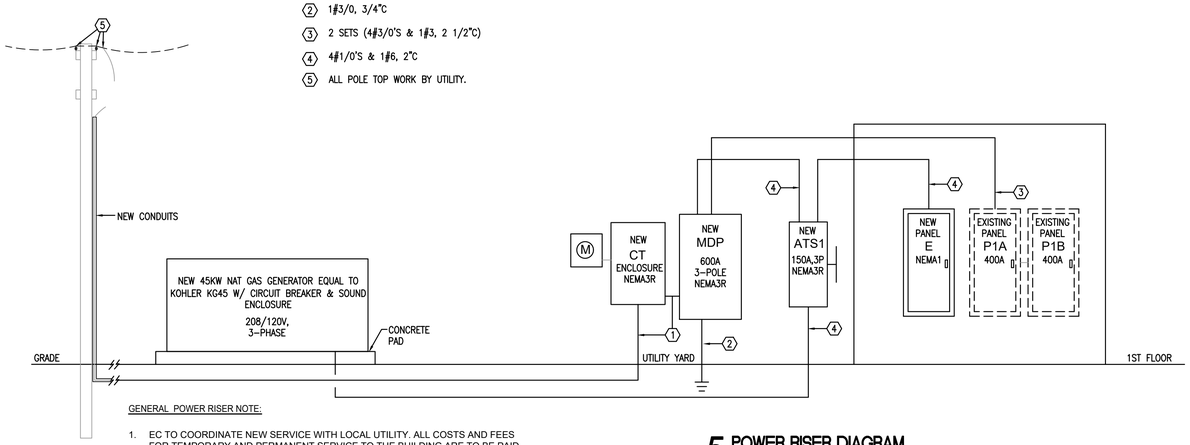
A. 30" MINIMUM OR THE WIDTH OF EQUIPMENT, WHICHEVER IS GREATER.

B. 36"

4 MECHANICAL UNIT DISCONNECT CLEARANCE DETAIL
SCALE: NONE

POWER RISER KEYED NOTES:

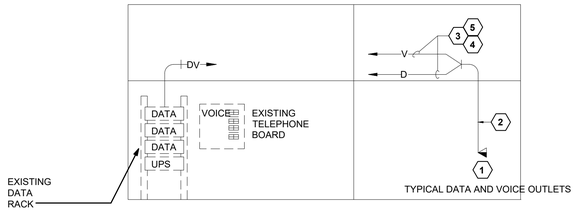
1. 2 SETS (4#350'S, 2 1/2"C)
2. 1#3/0, 3/4"C
3. 2 SETS (4#3/0'S & 1#3, 2 1/2"C)
4. 4#1/0'S & 1#6, 2"C
5. ALL POLE TOP WORK BY UTILITY.



GENERAL POWER RISER NOTE:

1. EC TO COORDINATE NEW SERVICE WITH LOCAL UTILITY. ALL COSTS AND FEES FOR TEMPORARY AND PERMANENT SERVICE TO THE BUILDING ARE TO BE PAID BY CONTRACTOR.

5 POWER RISER DIAGRAM
SCALE: NONE



6 DATA RISER DIAGRAM
SCALE: NONE

GENERAL SYSTEMS RISER NOTES:

1. CONDUIT FROM ALL DATA COMMUNICATIONS OUTLETS SHALL BE ROUTED AS FOLLOWS:

   A. IN AREAS WITH ACCESSIBLE CEILING SPACE, CONDUIT MAY BE STUBBED TO ABOVE THE ACCESSIBLE CEILING AND ROUTED USING STRAPS OR D HOOKS TO DATA RACK.

   B. IN AREAS WITH GYPSUM OR EXPOSED CEILING CONDUIT SHALL BE RUN TO THE NEAREST ACCESSIBLE CEILING AND ROUTED USING STRAPS OR D HOOKS TO DATA RACK.

2. PROVIDE APPROPRIATE 6'-0" (OR 2 METER) TERMINATED CATEGORY 6 JUMPER CABLE FOR EACH FIELD WIRED PORT IN PATCH PANELS

DATA / VOICE RISER KEYED NOTES:

1. TYPICAL OUTLET. 1 VOICE AND 1 DATA OUTLET. PUNCH DOWNS AS REQUIRED.
2. MINIMUM CONDUIT DROP SIZE TO ALL DATA AND VOICE OUTLETS SHALL BE 1" AND SHALL EXTEND FROM OUTLET BOX TO ACCESSIBLE CEILING.
3. ROUTE ALL CABLES IN A NEAT & ORDERLY FASHION.
4. ALL VOICE CONDUCTORS SHALL BE CATEGORY 6 AND SHALL BE ROUTED TO EXISTING PATCH PANELS IN RACKS. ALL VOICE CONDUCTORS SHALL BE CONNECTED TO VOICE PATCH PANELS IN RACKS AND CROSS CONNECTED TO EXISTING 110 BLOCKS. ALL CABLES SHALL BE PLENUM RATED. CABLE TO BE ROUTED IN STRAPS OR D HOOKS.
5. ALL DATA CONDUCTORS SHALL BE CATEGORY 6 AND SHALL BE HOME RUN TO EXISTING PATCH PANEL LOCATED IN EXISTING DATA RACK. SEE PLANS FOR LOCATION. ALL CABLES SHALL BE PLENUM RATED. CABLE TO BE ROUTED IN STRAPS OR D HOOKS.

REVIVAL ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
(501) 951-3316
www.revivalarch.com
SDC

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
MICHAEL PRESTON HARRIS
No. 5822
8/26/22

Insight ENGINEERING

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Sheet Contents:
ELECTRICAL DETAILS AND DIAGRAMS

Sheet No:
BE-2.1

PANEL SCHEDULE

PANELBOARD	MDP
Voltage	120/208
Phase	3-Y
Mounting:	SURFACE
Rating	NEMA 3R

Panel Amperage:	600A
Panel A.I.C. Rating:	65kAIC
Main	600AMCB

DESCRIPTION	LOAD A	LOAD B	LOAD C	RACEWAY SIZE INCHES	PHASE SIZE AWG	NEUTRAL SIZE AWG	NUMBER OF P+N WIRES	NUMBER OF P+N SETS	GROUND SIZE AWG	TOTAL WIRES	POLES	BREAKER TRIP	CIRCUIT NUMBER	CIRCUIT NUMBER	BREAKER TRIP	POLES	TOTAL WIRES	GROUND SIZE AWG	NUMBER OF P+N SETS	NUMBER OF P+N WIRES	NEUTRAL SIZE AWG	PHASE SIZE AWG	RACEWAY SIZE INCHES	LOAD A	LOAD B	LOAD C	DESCRIPTION
ATS	15908			1 1/4	1/0	1/0	4	1	6	5	3	150	1	2	20	1	3	12	1	2	12	12	3/4	400			KITCHEN AC RECEPTACLES
		11932											3	4	20	1	3	12	1	2	12	12	3/4		1000		DISHWASHER
			12192										5	6	20	1	3	12	1	2	12	12	3/4			1500	VENDING MACHINE
PANEL P1	37504			2 1/2	3/0	3/0	4	2	3	5	3	400	7	8	20	1	3	12	1	2	12	12	3/4	1500			VENDING MACHINE
		39288											9	10	20	1	3	12	1	2	12	12	3/4		1500		VENDING MACHINE
			28784										11	12	20	1	3	12	1	2	12	12	3/4			1200	RECEPTACLES - CHECK IN
GENSET BLOCK HEATER	1500			3/4	12	12	2	1	12	3	1	20	13	14	20	1	3	12	1	2	12	12	3/4	1000			RECEPTACLES - RESTROOM
GENSET BATTERY CHARGER		500		3/4	12	12	2	1	12	3	1	20	15	16	20	1	3	12	1	2	12	12	3/4		1000		RECEPTACLES - CHECK IN
WATER HEATER				3/4	12	12	2	1	12	3	1	20	17	18	20	1	3	12	1	2	12	12	3/4			1500	RECEPTACLES -ATTIC
COPIER				3/4	12	12	2	1	12	3	1	20	19	20	20	1	3	12	1	2	12	12	3/4	1500			EXISTING GENERATOR LIGHTING CIRCUIT
NEW POWER POLE				3/4	12	12	2	1	12	3	1	20	21	22	20	1											SPARE
SPARE											1	20	23	24	20	1											SPARE
SPARE											1	20	25	26	20	1											SPARE
SPARE											1	20	27	28													
													29	30													
TOTALS	54912	51720	40976																					4400	3500	4200	TOTALS

	WATTS
PHASE A LOAD	59312
PHASE B LOAD	55220
PHASE C LOAD	45176
TOTALS	159708

TOTAL AMPS @ LOAD	443

PANEL SCHEDULE

Panel Name:	E
Voltage	120/208
Phase	3-Y
Mounting:	SURFACE
Rating	NEMA 3R

Panel Amperage:	150
Panel A.I.C. Rating:	22K
Main	MLO

DESCRIPTION	LOAD A	LOAD B	LOAD C	RACEWAY SIZE INCHES	PHASE SIZE AWG	NEUTRAL SIZE AWG	NUMBER OF P+N WIRES	NUMBER OF P+N SETS	GROUND SIZE AWG	TOTAL WIRES	POLES	BREAKER TRIP	CIRCUIT NUMBER	CIRCUIT NUMBER	BREAKER TRIP	POLES	TOTAL WIRES	GROUND SIZE AWG	NUMBER OF P+N SETS	NUMBER OF P+N WIRES	NEUTRAL SIZE AWG	PHASE SIZE AWG	RACEWAY SIZE INCHES	LOAD A	LOAD B	LOAD C	DESCRIPTION
DSCU-1	2704			3/4	10	10	2	1	10	3	2	30	1	2	20	1	3	12	1	2	12	12	3/4	1500			REFRIGERATOR
		2704											3	4	20	1	3	12	1	2	12	12	3/4		1500		REFRIGERATOR
DSCU-2			2704	3/4	10	10	2	1	10	3	2	30	5	6	20	1	3	12	1	2	12	12	3/4			1500	REFRIGERATOR
	2704												7	8	20	1	3	12	1	2	12	12	3/4	1500			REFRIGERATOR
DSCU-3		1248		3/4	12	12	2	1	12	3	2	15	9	10	20	1	3	12	1	2	12	12	3/4		1500		REFRIGERATOR
			1248										11	12	20	1	3	12	1	2	12	12	3/4			1500	REFRIGERATOR
LIGHTING	1500			3/4	12	12	2	1	12	3	1	20	13	14	20	1	3	12	1	2	12	12	3/4	1500			REFRIGERATOR
RECEPTACLES		600		3/4	12	12	2	1	12	3	1	20	15	16	20	1	3	12	1	2	12	12	3/4		1500		REFRIGERATOR
RECEPTACLES			800	3/4	12	12	2	1	12	3	1	20	17	18	20	1	3	12	1	2	12	12	3/4			1500	REFRIGERATOR
EXISTING GEN PHONE CIRCUIT	1500			3/4	12	12	2	1	12	3	1	20	19	20	20	1											SPARE
EXISTING GEN SUITE CIRCUIT		1440		3/4	12	12	2	1	12	3	1	15	21	22	20	1	3	12	1	2	12	12	3/4		1440		EXISTING GEN LINDA CIRCUIT
EXISTING GEN OLD 40 CIRCUIT			1500	3/4	12	12	2	1	12	3	1	20	23	24	15	1	3	12	1	2	12	12	3/4			1440	EXISTING GEN EXAM 44 CIRCUIT
EXISTING GEN OLD 41 CIRCUIT	1500			3/4	12	12	2	1	12	3	1	20	25	26	20	1	3	12	1	2	12	12	3/4	1500			EXISTING GEN OLD 43 CIRCUIT
SPARE											1	20	27	28	20	1											SPARE
SPARE											1	20	29	30	20	1											SPARE
TOTALS	9908	5992	6252																					6000	5940	5940	TOTALS

	WATTS
PHASE A LOAD	15908
PHASE B LOAD	11932
PHASE C LOAD	12192
TOTALS	40032

TOTAL AMPS @ LOAD	111

PANEL SCHEDULE

EXISTING	P1
Voltage	120/208
Phase	3-Y
Mounting:	SURFACE
Rating	NEMA 1

Panel Amperage:	400A
Panel A.I.C. Rating:	22K
Main	400A MCB

	DESCRIPTION	LOAD A	LOAD B	LOAD C	RACEWAY SIZE INCHES	PHASE SIZE AWG	NEUTRAL SIZE AWG	NUMBER OF P+N WIRES	NUMBER OF P+N SETS	GROUND SIZE AWG	TOTAL WIRES	POLES	BREAKER TRIP	CIRCUIT NUMBER	CIRCUIT NUMBER	BREAKER TRIP	POLES	TOTAL WIRES	GROUND SIZE AWG	NUMBER OF P+N SETS	NUMBER OF P+N WIRES	NEUTRAL SIZE AWG	PHASE SIZE AWG	RACEWAY SIZE INCHES	LOAD A	LOAD B	LOAD C	DESCRIPTION	
*	LIGHTS - FRONT HALL LOBBY	1500										1	20	1	2	20	1								1500			LIGHTING - 105,106,107,112	*
*	LOBBY - RECESS LIGHTING		1500									1	20	3	4	20	1									1500		LIGHTING 110-117	*
*	FRONT LIGHTS			1500								1	20	5	6	20	1										1500	LIGHTING - 120-124	*
*	LIGHTING - 108	1500										1	20	7	8	20	1								1500			LIGHTING - 125-130	*
*	LIGHTING - 108, 151-154		1500									1	20	9	10	20	1									1500		LIGHTING - 131-134	*
*	LIGHTING - 1080 HALL AT ATTIC			1500								1	20	11	12	20	1										1500	LIGHTING 140-147	*
*	LIGHTING - 147,148,149,150,165	1500										1	20	13	14	20	1								1500			RECEPTACLES - CLERICAL	*
*	LIGHTING - 156-163		1500									1	20	15	16	20	1									1500		RECEPTACLES -	*
*	RECEPTACLES - N LOBBY			1500								1	20	17	18	20	1										1500	RECEPTACLES - 105	*
*	RECEPTACLES - SOUTH HALL	1500										1	20	19	20	20	1								1500			RECEPTACLES - 111	*
*	RECEPTACLES - ROOM 106		1500									1	20	21	22	20	1									1500		RECEPTACLES - 110	*
*	RECEPTACLES - 102			1500								1	20	23	24	20	1										1500	RECEPTACLES - 112,114,115	*
*	RECEPTACLES - 118	1500										1	20	25	26	20	1								1500			RECEPTACLES - 127,128	*
*	RECEPTACLES - 116 117		1500									1	20	27	28	20	1									1500		RECEPTACLES - 128,129	*
*	RECEPTACLES - 119			1500								1	20	29	30	20	1										1500	RECEPTACLES - 130,131	*
*	RECEPTACLES - 118	1500										1	20	31	32	20	1								1500			RECEPTACLES - 127,128,129,130	*
*	RECEPTACLES - 120,121, 122		1500									1	20	33	34	20	1									1500		RECEPTACLES - 131,132,134	*
*	RECEPTACLES - 131,132,151,152,153			1500								1	20	35	36	20	1										1500	RECEPTACLES - KITCHEN	*
*	RECEPTACLES - WEST 121	1500										1	20	37	38	20	1								1500			RECEPTACLES - KITCHEN	*
*	RECEPTACLES - 136, 137, 138		1500									1	20	39	40	20	1									1500		RECEPTACLES - 154,156,157	*
*	RECEPTACLES - 154-162			1500								1	20	41	42	20	1										1500	RECEPTACLES - 159,161,162	*
*	RECEPTACLES - 150,154,156	1500										1	20	1	2	20	1								1500			RECEPTACLES - SE LAB	*
*	RECEPTACLES - 154-164		1500									1	20	3	4	20	1									1500		RECEPTACLES - REFRIG LAB	*
*	RECEPTACLES - 154-165			1500								1	20	5	6	20	1										1500	RECEPTACLES - 147,148	*
*	RECEPTACLES - 154-166	1500										1	20	7	8	20	1								1500			RECEPTACLES - 147 WEST	*
*	RECEPTACLES - 154-167		1500									1	20	9	10	20	1									1500		RECEPTACLES - 147	*
*	RECEPTACLES - 154-168			1500								1	20	11	12	20	1										1500	TELEPHONE RECEPTACLES	*
*	RECEPTACLES - 154-169	1500										1	20	13	14	20	1	3	12	1	2	12	12	3/4	1500			FC-1	*
*	FC-2		1500									1	20	15	16	20	1	3	12	1	2	12	12	3/4		1500		FC-3	*
*	FC-4			1500								1	20	17	18	20	1	3	12	1	2	12	12	3/4			1500	FC-5	*
*	FC-6	1500										1	20	19	20	20	1	3	12	1	2	12	12	3/4	1500			FC-7	*
+	HP-1		2392		3/4	10		2	1	10	3	2	30	21	22	30	2	3	10	1	2	10		3/4		2392		HP-3	+
+				2392										23	24												2392		+
+	HP-2	2392			3/4	10		2	1	10	3	2	35	25	26	35	2	3	10	1	2	10		3/4	2392			HP-4	+
+			2392											27	28											2392			+
+														29	30														+
+	HP-5	3328			3/4	10		2	1	10	3	2	40	31	32	70	2	3	10	1	1		8	3/4				HP-6	+
+			3328											33	34														+
+														35	36	20/1													+
+	HP-7	2392			3/4	10		2	1	10	3	2	35	37	38	20	1											RECEPTACLES - ATTIC	*
+			2392											39	40	20	1											SPARE	+
+														41	42	20	1											SPARE	+
	TOTALS	21612	22504	14392																					15892	16784	14392	TOTALS	

	WATTS
PHASE A LOAD	37504
PHASE B LOAD	39288
PHASE C LOAD	28784
TOTALS	105576

TOTAL AMPS @ LOAD	293

LEGEND:
* EXISTING BREAKER
+ NEW BREAKER

LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	VOLTAGE	LAMP	COLOR	MOUNTING	NOTES
A1	COLUMBIA	RLW-4-35-XW-FA-W-EU	UNV	LED	35K	SURFACE	LED LINEAR WRAP
A1E	COLUMBIA	RLW-4-35-XW-FA-W-EU-ELL14	UNV	LED	35K	SURFACE	LED LINEAR WRAP
A2	COLUMBIA	RLW-4-35-MW-FA-W-EU	UNV	LED	35K	SURFACE	LED LINEAR WRAP
A2E	COLUMBIA	RLW-4-35-MW-FA-W-EU-ELL14	UNV	LED	35K	SURFACE	LED LINEAR WRAP
A3	COLUMBIA	RLW-4-35-LW-FA-W-EU	UNV	LED	35K	SURFACE	LED LINEAR WRAP
A3E	COLUMBIA	RLW-4-35-LW-FA-W-EU-ELL14	UNV	LED	35K	SURFACE	LED LINEAR WRAP
B	PRESCOLITE	LTR-4RD-H-SL15L-DM1 W/ LTR-4RD-T-SL-35K-WDS	UNV	LED	35K	RECESSED	4" ROUND LED DOWNLIGHT
BE	PRESCOLITE	LTR-4RD-H-SL15L-DM1-EM W/ LTR-4RD-T-SL-35K-WDS	UNV	LED	35K	RECESSED	4" ROUND LED DOWNLIGHT WITH EMERGENCY
C1	BROWNLEE	5160-48-XX-H32-35K	UNV	LED	35K	WALL	48" LED VANITY
C2	BROWNLEE	5160-13-XX-H10-35K	UNV	LED	35K	WALL	13" LED VANITY
D	BROWNLEE	2680-30-50L-XX-XX-XXX-35K	UNV	LED	35K	SURFACE	LED DRUM PENDANT
E	CURRENT	RWL1-48L-10-4K7-4W-120-XX-EH-PC	UNV	LED	40K	WALL	WALL MOUNT LED
F	BROWNLEE	2690-12-XX-H15-XXX-35K+DL6	UNV	LED	35K	PENDANT	LED PENDANT
G	AFX	KNLU40XX-35K	UNV	LED	35K	SURFACE	LED UNDERCABINET
H	BROWNLEE	1260-XX-H10-EC1-35K	UNV	LED	35K	WALL	LED SCONCE
J	AFX	EGRF2440LAJD2WH	UNV	LED	40K	SURFACE	24" ROUND SURFACE MOUNT
X1	COMPASS	CELS1RNE	UNV	LED	NA	WALL	EXIT SIGN WITH BATTERY

NOTES: ALL FIXTURE COLORS TO BE SELECTED FROM MANUFACTURERS LIST OF STANDARD COLORS BY ARCHITECT.

REVIVAL ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
(501) 951-3316
www.revivalarch.com
S.D.G.

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER NO. 5822 MICHAEL PRESTON HARKEY
8/26/22

Insight ENGINEERING

CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

PROJECT NAME:
Mississippi County Health Units
Blytheville

ISSUE DATE:
August 26, 2022
Revisions:

Sheet Contents:
ELECTRICAL SCHEDULES

Sheet No:
BE-2.2

HVAC LEGEND

ABBREVIATION OR SYMBOL	DESCRIPTION
AHU	AIR HANDLING UNIT
AFF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
BHP	BRAKE HORSEPOWER
BTUH	BRITISH THERMAL UNIT PER HOUR
CFM	CUBIC FEET PER MINUTE
CRAC	COMPUTER ROOM AIR CONDITIONING UNIT
D	DRAIN
DB	DRY BULB TEMPERATURE
DN	DOWN
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE OF THE COIL
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
FCU	FAN COIL UNIT
FLR	FLOOR
FO	FLAT OVAL
FPM	FEET PER MINUTE (VELOCITY)
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE OF THE COIL
LWT	LEAVING WATER TEMPERATURE
MAU	MAKE-UP AIR UNIT
MAX	MAXIMUM
MIN	MINIMUM
MHP	MOTOR HORSEPOWER
NTS	NOT TO SCALE
OSA	OUTSIDE AIR
PSI	POUNDS PER SQUARE INCH
RA	RETURN AIR
RH	RELATIVE HUMIDITY
RPM	REVOLUTION PER MINUTE
RTU	ROOF TOP (AIR CONDITIONING) UNIT
SA	SUPPLY AIR
SP	STATIC PRESSURE
TYP	TYPICAL
VAV	VARIABLE AIR VOLUME
WB	WET BULB TEMPERATURE
XFR	TRANSFER AIR
'	FEET
"	INCHES
ø	ROUND DUCT
Φ	OVAL DUCT

DETAIL/SECTION NUMBER

2 / M1.1 — DETAIL/SECTION DESIGNATION

SHEET NUMBER

T VAV-2 S — THERMOSTAT OR SENSOR. (SUBSCRIPT DESIGNATES CONTROLLED EQUIPMENT)

2 — KEYED NOTE

ABBREVIATION OR SYMBOL	DESCRIPTION
	CEILING SUPPLY DIFFUSER
	CEILING RETURN/EXHAUST GRILLE
	GRILLE OR REGISTER ON BOTTOM OF DUCTWORK
18/12 SA	SIDEWALL SUPPLY (RETURN SIMILAR)
18/12	RECTANGULAR DUCT WITH DUCT SIZE TAG
20ø	ROUND DUCT WITH DUCT SIZE TAG
20/14Φ	OVAL DUCT WITH DUCT SIZE TAG
24/24 SA	SUPPLY DUCT UP
24/24 SA	SUPPLY DUCT DOWN
24/24 RA	RETURN DUCT UP
24/24 RA	RETURN DUCT DOWN
24/24 EA	EXHAUST DUCT UP
24/24 EA	EXHAUST DUCT DOWN
18/18Φ 24/12	RECTANGULAR/OVAL TRANSITION
18ø 24/12	RECTANGULAR/ROUND TRANSITION
	FLEXIBLE DUCT CONNECTION
F (1), M (3), S (2), C (4)	(1) FIRE DAMPER (2) SMOKE DAMPER (3) MOTORIZED DAMPER (4) CONTROL DAMPER
(1) SD (2)	(1) BALANCING DAMPER (2) SMOKE DETECTOR
250	BALANCING DAMPER, SET TO INDICATED CFM

ABBREVIATION OR SYMBOL	DESCRIPTION
	NEW EQUIPMENT
	EXISTING EQUIPMENT TO REMAIN
	EXISTING EQUIPMENT TO BE REMOVED
	NEW DUCT
	EXISTING DUCT TO REMAIN
	DEMOLISH EXISTING DUCT BACK TO POINT.
	CONNECT TO EXISTING DUCT.

C/350 — AIR DEVICE "MARK" / AIRFLOW CFM — **AIR DEVICE DESIGNATION**

* NOT ALL SYMBOLS MAY APPLY TO THIS PROJECT

MECHANICAL GENERAL NOTES:

1. ALL MECHANICAL WORK SHALL COMPLY WITH ALL LOCAL CODES, DRAWINGS, SPECIFICATIONS, AND AUTHORITIES HAVING JURISDICTION. IF DISCREPANCIES ARE FOUND, THE MOST STRINGENT REQUIREMENT SHALL GOVERN WORK. WHERE INSPECTIONS ARE REQUIRED BY AUTHORITIES HAVING JURISDICTION, WORK MUST NOT BE CONCEALED UNTIL INSPECTIONS AND TESTING ARE COMPLETE AND WORK IS ACCEPTED.
2. REFER TO SPECIFICATION SHEETS FOR ADDITIONAL PROJECT INFORMATION.
3. REFER TO ALL PROJECT DRAWINGS FOR DETAILS OF CONSTRUCTION AND INSTALLATION REQUIREMENTS.
4. PRIOR TO BID, CONTRACTOR SHALL BECOME THOROUGHLY FAMILIAR WITH THE REQUIREMENTS OF THESE NOTES AS WELL AS OTHER NOTES SHOWN ON THE CONTRACT DOCUMENTS.
5. THESE DRAWINGS REFLECT A SYSTEM DESIGNED AROUND SPECIFIED REFERENCE PRODUCTS, THE SELECTION OF WHICH HAS INFLUENCED THE DESIGNS OF OTHER TRADES. IF SUBSTITUTE MANUFACTURERS, SIZES, OR MODEL NUMBERS ARE BID OR SUBMITTED, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL DIFFERENCES PRIOR TO BID. ALL COSTS OF ALL TRADES ASSOCIATED WITH THE SUBSTITUTION SHALL BE INCLUDED IN THE BID.
6. COORDINATION OF ALL MODIFICATIONS TO EACH DISCIPLINE WHICH RESULT FROM SUBSTITUTION OF EQUIPMENT OR MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SUBSTITUTIONS WHICH ARE INSTALLED AND SUBSEQUENTLY ARE PROVEN UNSATISFACTORY BY OWNER AND/OR ENGINEER WITHIN THE WARRANTY PERIOD, SHALL BE REMOVED COMPLETELY BY THE CONTRACTOR AND REPLACED WITH THE ORIGINAL DESIGN OR CORRECTED AS DIRECTED BY THE ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER.
7. ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRICAL RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, SEQUENCE, DEVICE, OPTION, FITTING, OR COMPONENT.
8. INFORMATION AND COMPONENTS ON DETAILS OR IN SPECIFICATIONS, BUT NOT SHOWN ON PLANS, AND VICE VERSA, SHALL BE PROVIDED AS IF EXPRESSLY REQUIRED BY BOTH.
9. CONTRACTOR SHALL NOT SCALE DRAWINGS. DRAWINGS SPECIFIC TO THIS DISCIPLINE DO NOT LIMIT THE RESPONSIBILITY OF WORK REQUIRED BY THE CONTRACT DOCUMENTS.
10. EXACT LOCATIONS OF ALL EQUIPMENT, ROOF CURBS, DUCTS, DIFFUSERS, AND PIPING SHALL BE COORDINATED WITH OTHER TRADES. CEILING MOUNTED SPRINKLER, LIGHTING, AND ELECTRICAL REQUIREMENTS TAKE PRECEDENCE OVER CEILING MOUNTED MECHANICAL REQUIREMENTS. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING GRID AND LIGHTING LAYOUT FOR COORDINATION OF FINAL DIFFUSER LOCATIONS.
11. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING DETAILS AND DIMENSIONS. COORDINATE PLACEMENT OF MECHANICAL SYSTEMS WITH ARCHITECTURAL AND STRUCTURAL TRADES.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THAT OF OTHER TRADES. REFER TO ALL CONSTRUCTION DOCUMENTS FOR COMPLETE INFORMATION PRIOR TO BID.
13. ALL MECHANICAL CONSTRUCTION DETAILS SHALL BE AS SHOWN AND AS REQUIRED TO MAINTAIN "UL" ASSEMBLY RATINGS AS SHOWN ON ARCHITECTURAL SHEETS. SEAL AROUND ALL PENETRATIONS THOROUGH UL RATED ASSEMBLIES, FIRE AND SMOKE WALLS. COORDINATE WITH GENERAL CONTRACTOR.
14. NO OTHER TRADES, I.E., ELECTRICAL, CEILING, PLUMBING, OR OTHER SYSTEMS SHALL BE SUSPENDED, HUNG, OR SUPPORTED FROM DUCTWORK OR PIPING.
15. CLOSELY COORDINATE FINAL LOCATIONS OF INSTALLED EQUIPMENT TO ACHIEVE THE GREATEST ACCESSIBILITY FOR MAINTENANCE PURPOSES.
16. CONTRACTOR SHALL VISIT THE SITE TO ESTABLISH THE EXISTING CONDITIONS PRIOR TO DUCT, PIPE OR EQUIPMENT FABRICATION. SYSTEMS SHALL BE ERECTED USING FIELD MEASUREMENTS FOR COORDINATION WITH THE EXISTING EQUIPMENT, STRUCTURE, FIRE PROTECTION AND ELECTRICAL IN THE SPACE.
17. CORE DRILL ALL PIPING PENETRATIONS OF CONCRETE WALLS AND FLOORS.
18. CONTRACTOR SHALL FIELD VERIFY ALL PIPE ROUTING AND ADJUST ELEVATIONS AS REQUIRED TO AVOID CONFLICTS. FINAL PLACEMENT OF PIPING SHALL BE DETERMINED BY FIELD MEASUREMENT AND VERIFICATION. ELEVATIONS ARE REFERENCED TO PIPE CENTERLINE UNLESS OTHERWISE NOTED.
19. ALL EQUIPMENT, DEVICES, AND FIXTURES SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATION.
20. CONTRACTOR SHALL VERIFY CLOSELY AT SITE TRANSPORTATION OF NEW HVAC EQUIPMENT INTO MECHANICAL AREAS BEFORE BIDDING. PROVIDE COMPLETE DISASSEMBLY AND RE-ASSEMBLY OF NEW EQUIPMENT AS REQUIRED FOR A COMPLETE INSTALLATION.
21. PROVIDE FLEXIBLE CONNECTIONS AND TRANSITIONS ON DUCT INLET AND OUTLET CONNECTIONS TO ALL EQUIPMENT WITH MOVING PARTS.
22. NOT ALL REQUIRED PIPING, VALVES, OR FITTINGS ARE SHOWN ON DRAWINGS FOR CLARITY. COORDINATE PLAN DETAILS WITH SPECIFICATIONS, SCHEMATICS, FLOW DIAGRAMS, AND OTHER DETAILS TO PROVIDE COMPLETE PIPING SYSTEMS.
23. COORDINATE WORK CLOSELY WITH CONTROL REQUIREMENTS. PROVIDE ALL NECESSARY DUCT TAPS, PIPE TAPS, WELLS, AND OTHER APPURTENANCES REQUIRED BY CONTROL SYSTEM. PROVIDE SPARE PIPE WELL ADJACENT TO EACH TEMPERATURE SENSOR IN PIPING.
24. REFER TO ARCHITECTURAL PLANS FOR CEILING GRILLE AND DIFFUSER LOCATIONS, FOR CEILING TYPE, AND FOR MOUNTING REQUIREMENTS. CONTRACTOR SHALL PROVIDE AND INSTALL ALL AIR DEVICES WITH MOUNTING SYSTEM DESIGNED FOR MOUNTING SURFACE TYPE.
25. COORDINATE FINAL PLACEMENT OF ALL THERMOSTATS WITH WALL-MOUNTED DEVICES AND OWNER'S REPRESENTATIVE. MOUNT PER A.D.A. REQUIREMENTS. ANY THERMOSTAT THAT IS REQUIRED TO BE MOUNTED ON AN EXTERIOR WALL SHALL BE MOUNTED ON AN INSULATED PAD.
26. PROVIDE CONCRETE PADS FOR ALL GROUND MOUNTED EQUIPMENT.
27. REPLACE ALL ARCHITECTURAL FEATURES REMOVED OR DAMAGED DURING THE COURSE OF THE WORK.
28. CONTRACTOR SHALL PATCH ALL WALLS, FLOORS, AND CEILINGS TO MATCH NEW FOR ALL OPENINGS CREATED BY INSTALLATION OF EQUIPMENT AND HVAC SERVICE PENETRATIONS.
29. REFER TO SPECIFICATION SHEET FOR INSULATION AND R-VALUES FOR MECHANICAL PIPING AND DUCTWORK INSULATION.
30. ALL HVAC COMPONENTS WITH ELECTRICAL REQUIREMENTS SHALL BE INSTALLED WITH ELECTRICAL INFRASTRUCTURE NECESSARY TO PROVIDE A FULLY FUNCTIONING SYSTEM. IF NOT SPECIFICALLY SHOWN ON ELECTRICAL SCHEDULE, HVAC FIXTURES REQUIRING ELECTRICAL SERVICE SHALL BE FED FROM BREAKER OF ADEQUATE CAPACITY.
31. ALL CONTROL WIRING SHALL BE INSTALLED IN CONDUIT.
32. PROVIDE ALL HVAC UNITS WITH AN EXTRA SET OF MANUFACTURER'S RECOMMENDED FILTERS AFTER PROJECT COMPLETION.

DEMOLITION/RENOVATION GENERAL NOTES

1. THE MECHANICAL RELATED DEMOLITION WORK INDICATED ON THE PLANS, SPECIFICATIONS, AND NOTES IS TO BE CLOSELY COORDINATED WITH THE OWNER'S REPRESENTATIVE. NO DEMOLITION SHALL TAKE PLACE IN ANY AREA OR BUILDING UNTIL THE CONTRACTOR HAS BEEN GIVEN APPROVAL TO PROCEED IN THAT SPECIFIC LOCATION. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION AND DEMOLITION SCOPE OF WORK.
2. IF, DURING DEMOLITION, IT BECOMES NECESSARY TO TEMPORARILY REMOVE ANY EQUIPMENT, PIPING, OR OTHER SYSTEM WHICH IS NOT SPECIFICALLY NOTED TO BE REMOVED (THEREBY IMPLYING THAT THEY ARE TO BE LEFT FOR FUTURE USE), THE CONTRACTOR SHALL REINSTALL SAID SYSTEMS TO FULLY OPERABLE CONDITION IN THEIR ORIGINAL LOCATIONS.
3. ALL DEMOLITION WORK SHALL BE SCHEDULED WITH THE OWNER'S REPRESENTATIVE AT LEAST 48 HOURS PRIOR TO THE WORK.
4. PATCH ALL OPENINGS IN WALLS, FLOORS, AND CEILINGS WHERE DUCT, PIPING, AND CONTROLS HAVE BEEN REMOVED TO MATCH EXISTING.
5. ANY DAMAGE TO THE OWNER'S PROPERTY, BUILDING, EXISTING SYSTEMS, OR EQUIPMENT RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER AND ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER.
6. MAINTAIN THE SECURITY OF THE BUILDING AT ALL TIMES.
7. REMOVE ALL EXISTING SUPPORTS ASSOCIATED WITH EQUIPMENT, DUCTWORK, AND PIPE BEING REMOVED UNLESS NOTED OTHERWISE.
8. DISPOSE OF ALL REMOVED EQUIPMENT AS DIRECTED BY THE OWNER.
9. CONTRACTOR SHALL COORDINATE REMOVAL OF UTILITY SERVICES WITH UTILITY COMPANIES AND LOCAL AUTHORITIES AND PAY ALL FEES.
10. SCHEDULE UTILITY WORK WITH OWNER TO KEEP TO A MINIMUM ACCEPTABLE DOWNTIME AND TO NOT INTERFERE WITH THE BUILDING OPERATIONAL SCHEDULE, IF POSSIBLE.
11. MAINTAIN THE FIRE AND SMOKE CONSTRUCTION INTEGRITY OF THE EXISTING BUILDINGS.
12. DO NOT VENT REFRIGERANT TO ATMOSPHERE. RECOVER REFRIGERANT FOR REUSE USING ASHRAE RECOMMENDED PROCEDURES.
13. EXISTING EQUIPMENT SHALL BE RELOCATED AS NECESSARY FOR THE INSTALLATION OF THE NEW SYSTEMS. METHODS AND POSITIONS OF THE RELOCATIONS SHALL HAVE PRIOR APPROVAL OF THE ARCHITECT.
14. DEMOLITION AND SHUTDOWN OF EXISTING HVAC SYSTEMS THAT WILL AFFECT PORTIONS OF THE BUILDING OUTSIDE OF PROJECT AREA SHALL BE COORDINATED WITH OWNER'S REPRESENTATIVE AND PLANNED TO LIMIT INCONVENIENCE AND DISRUPTION OF BUILDING OPERATIONS AS MUCH AS POSSIBLE. WORK SHALL BE PHASED ACCORDINGLY. PLUMBING OR HVAC WORK REQUIRED IN OCCUPIED AREAS OUTSIDE OF THE FLOOR AREA SHALL BE SCHEDULED WITH THE OWNER 48 HOURS IN ADVANCE.
15. THE EQUIPMENT LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE FINAL LOCATIONS SHALL BE ESTABLISHED IN THE FIELD TO BEST FIT THE AVAILABLE SPACE. COORDINATE WITH STRUCTURAL DRAWINGS.
16. INSPECT THE EXISTING SYSTEM; ANY EXISTING EQUIPMENT, DUCTS, OR PIPING FOUND TO BE DAMAGED OR NON-OPERABLE SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE IMMEDIATELY.
17. PHASE DEMOLITION AND RENOVATION WORK TO MAINTAIN EXISTING BUILDING AS REQUIRED BY BUILDING OWNER/OCCUPANTS. PROVIDE TEMPORARY SERVICES AS REQUIRED.
18. WORK REQUIRED IN THE AREAS OUTSIDE OF THE FLOOR AREA FOR PLUMBING OR HVAC WORK SHALL BE SCHEDULED WITH THE OWNER 48 HOURS IN ADVANCE. COORDINATE AND SCHEDULE ALL CONNECTIONS TO EXISTING SYSTEMS AND SYSTEM SHUT-DOWNS WITH OWNER'S REPRESENTATIVE.
19. ANY DAMAGE TO THE EXISTING BUILDING, STRUCTURE, FINISHES, OR ARCHITECTURAL FEATURES CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER WITHOUT ADDITIONAL COST TO THE OWNER.

REVIVAL ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
501-951-3316 www.revivalarch.com SDG

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 20814 — ALEXANDER TRULOVE

TRU ENGINEERING
Alex Trulove, PE
MEP Consulting
alex@truengineering.net
501-993-7149
708 N Charles St.
Searcy, AR 72143

CERTIFICATE OF AUTHORIZATION — TRU ENGINEERING, LLC No. 6608 — ARKANSAS

Project Name:
Mississippi County Health Units
Blytheville

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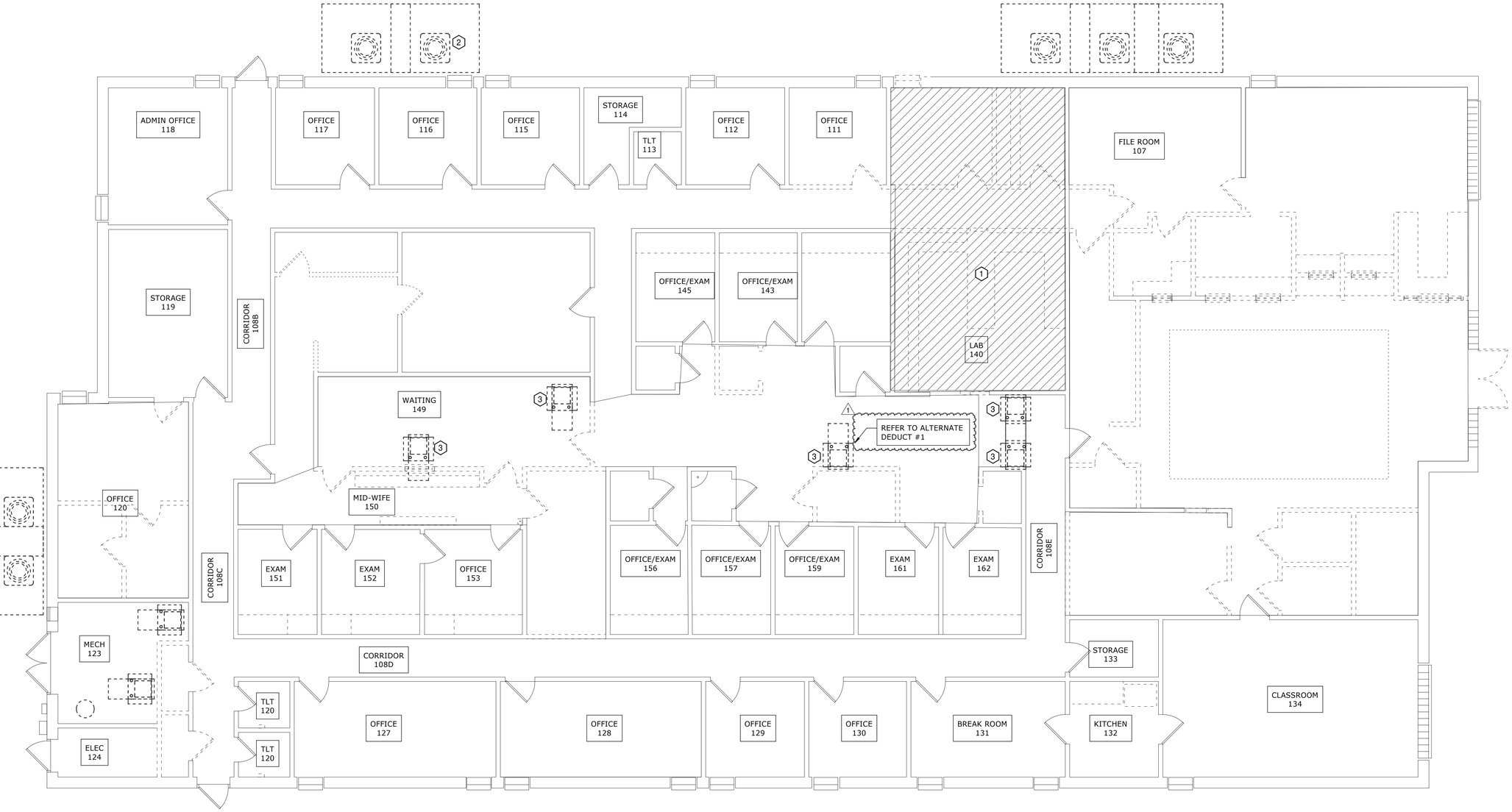
SHEET CONTENTS:
MECHANICAL NOTES AND LEGEND

SHEET NO.
BM-0.1



1 DEMO HVAC PLAN - BLYTHEVILLE

3/16" = 1'-0"

NORTH

GENERAL NOTES

1. REMOVE COMPLETE EXISTING CONDENSING UNITS AND FURNACES. REMOVE ALL ASSOCIATE CONTROL WIRING, THERMOSTATS, REFRIGERANT PIPING. ALL DUCTWORK AND PLENUMS SHALL REMAIN. CAP EXISTING NATURAL GAS LINES FEEDING FURNACE UNIT.

KEYED NOTES

1. AREA TO BE SERVED BY NEW EQUIPMENT. REMOVE AIR TERMINALS AND ASSOCIATED BRANCH DUCTWORK BACK TO MAIN. CAP EXISTING DUCTWORK AT DUCT MAIN.
2. EXISTING EQUIPMENT TO BE DEMOLISHED, TYPICAL ALL.
3. FURNACE UNITS LOCATED IN ATTIC ABOVE.

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ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
501-951-3316 www.revivalarch.com SD.6

STATE OF ARKANSAS
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No. 20814
ALEXANDER TRULOVE

TRU ENGINEERING
Alex Trulove, PE
MEP Consulting
alex@truengineering.net
501-993-7149
708 N Charles St.
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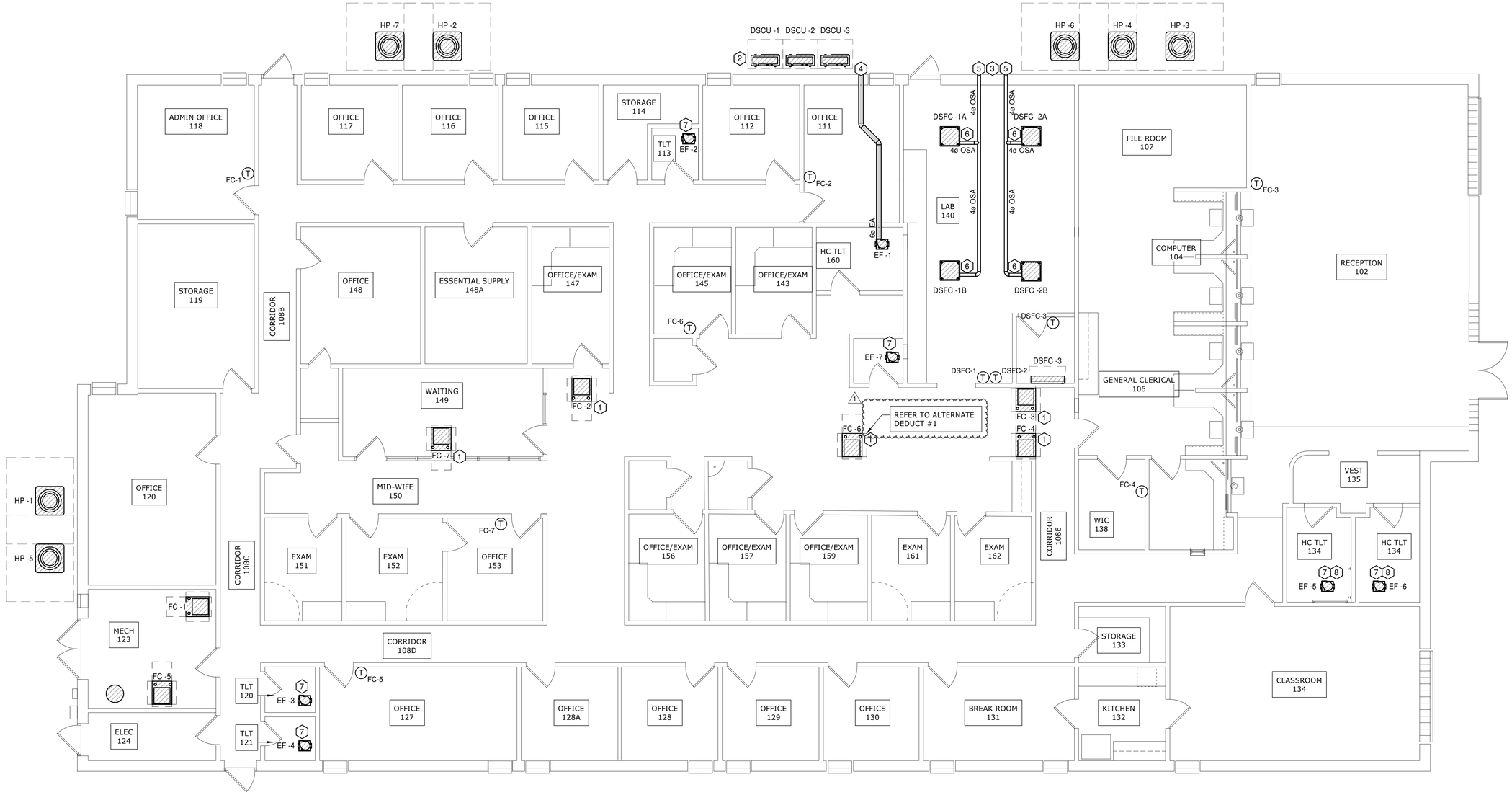
DEMO HVAC PLAN - BLYTHVILLE

SHEET NO.
BM-I.I



1 RENO HVAC PLAN - BLYTHEVILLE UNIT

3/16" = 1'-0"

NORTH

GENERAL NOTES

1. NEW UNIT CONDENSATE SHALL DISCHARGE TO EXISTING DRAIN LOCATIONS.
2. NEW THERMOSTATS SHALL BE MOUNTED NEXT TO LIGHT SWITCH OF ASSOCIATED ROOM. TOP OF THERMOSTAT SHALL BE ALIGNED WITH TOP OF LIGHT SWITCH FACE PLATE.

CONTROL NOTES

ALL CONTROLS SHALL BE STAND-ALONE. THERMOSTATS SHALL BE PER EQUIPMENT MANUFACTURER'S RECOMMENDATION, 7-DAY PROGRAMMABLE, WALL-MOUNTED (NON-REMOTE), AND WI-FI ACCESSIBLE. THERMOSTAT SHALL BE INITIALLY SET TO READ OFF OF RETURN DUCT TEMPERATURE SENSOR.

KEYED NOTES

1. UNIT MOUNTED IN ATTIC SPACE.
2. PROVIDE NEW 6" CONCRETE SERVICE PAD FOR MINI-SPLIT CONDENSERS.
3. ROUTE DSFC CONDENSATE TO 1" GRAVITY MAIN IN ATTIC SPACE. GRAVITY MAIN SHALL BE ROUTED TO EXTERIOR WALL, ROUTED DOWN INSULATED SIDE OF WALL, AND DISCHARGE TO LANDSCAPED AREA 18" ABOVE GRADE.
4. ROUTE EXHAUST DUCTWORK TO WALL CAP. REFER TO MECHANICAL DETAILS FOR ROOF JACK REQUIREMENTS.
5. ROUTE NEW OSA DUCTWORK TO EXTERIOR WALL AND TERMINATE WITH WALL CAP WITH INSECT SCREEN EQUAL TO COOK. PAINT PER ARCHITECT.
6. BALANCE TO 15 CFM.
7. REPLACE EXISTING EXHAUST FAN WITH NEW. NEW EXHAUST FAN TO CONNECT TO EXISTING EXHAUST DUCTWORK.
8. EXTEND EXISTING DUCTWORK AS REQUIRED TO NEW EXHAUST FAN LOCATION.

REVIVAL
ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
501-951-3316 www.revivalarch.com SD.G.

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No. 20814
ALEXANDER TRULOVE

TRU ENGINEERING
Alex Trulove, PE
MEP Consulting
alex@truengineering.net
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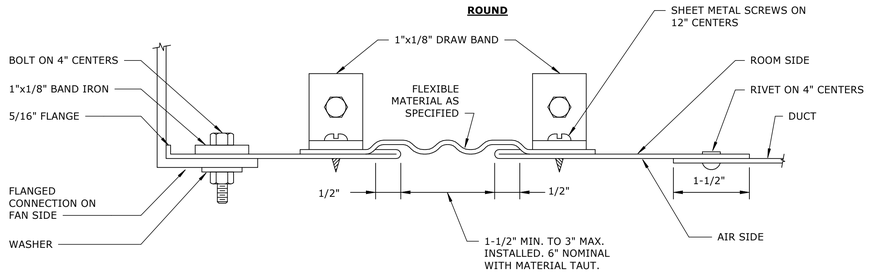
SHEET CONTENTS:
RENO HVAC PLAN - BLYTHVILLE

SHEET NO.
BM-1.2

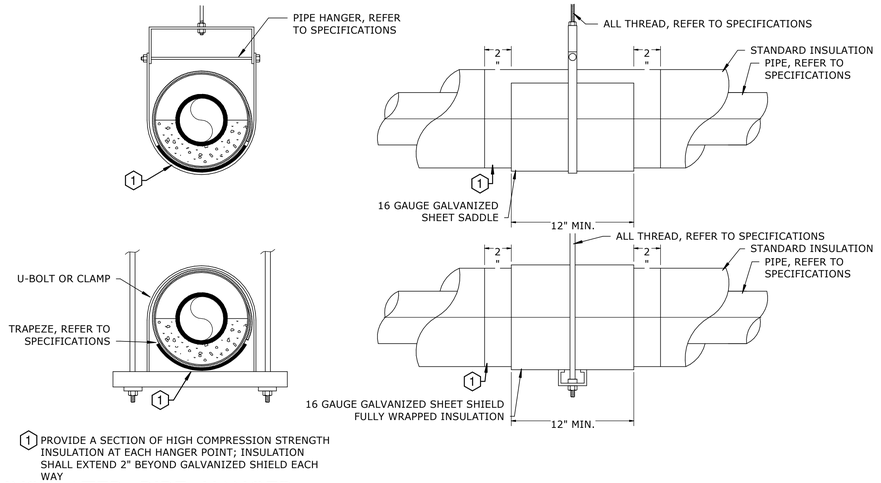


NOTES:

1. FLEXIBLE CONNECTIONS SHALL BE MADE AT ALL SUPPLY AND RETURN CONNECTIONS OF DUCTWORK TO AIR HANDLING UNITS. ALL CONNECTIONS SHALL BE AS PER SMACNA.

1 FLEXIBLE CONNECTION

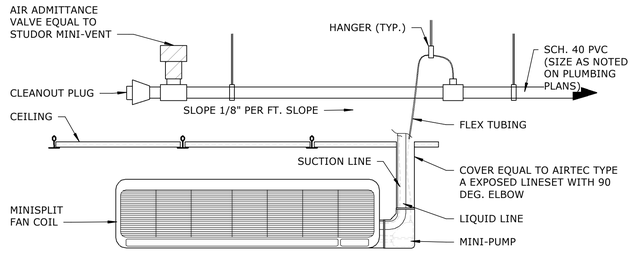
NOT TO SCALE



1 PROVIDE A SECTION OF HIGH COMPRESSION STRENGTH INSULATION AT EACH HANGER POINT; INSULATION SHALL EXTEND 2" BEYOND GALVANIZED SHIELD EACH WAY

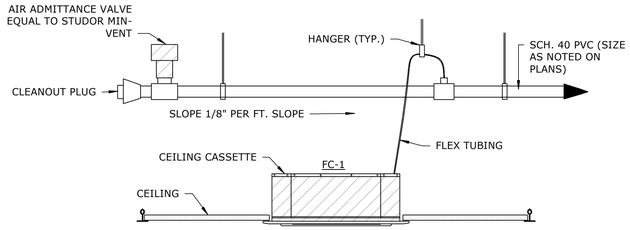
2 INSULATED PIPE HANGER

NOT TO SCALE



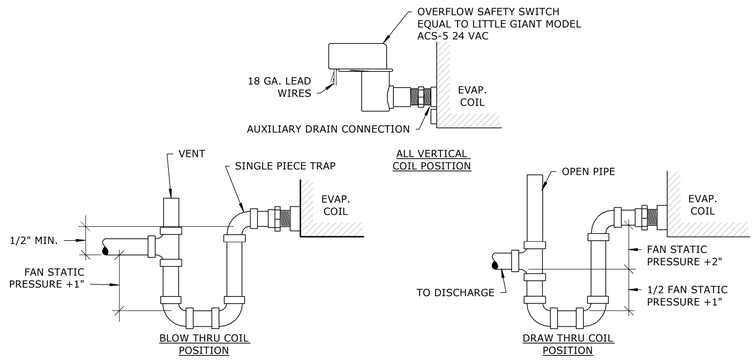
3 DUCTLESS WALL MINISPLIT

NOT TO SCALE



4 DUCTLESS CEILING CASSETTE

NOT TO SCALE

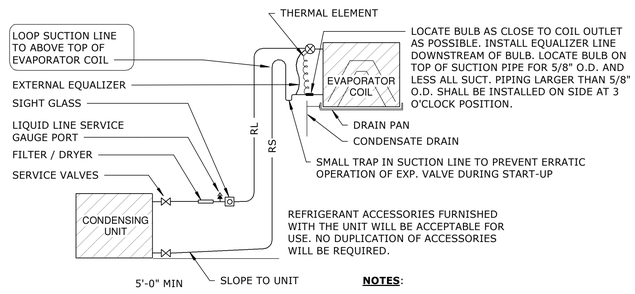


NOTES:

1. RUNNING TRAPS WILL NOT BE ACCEPTED.
2. INSTALL FACTORY FURNISHED TRAP WITH OUTSIDE AIR UNITS.
3. CONDENSATE DISCHARGE LOCATION SHALL MEET REQUIREMENTS OF ALL LOCAL CODES AND AUTHORITIES HAVING JURISDICTION.

5 CONDENSATE TRAP

NOT TO SCALE

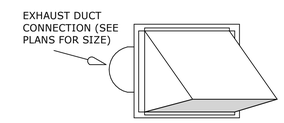


NOTES:

1. WRAP EXPANSION VALVE, BULB AND FITTINGS WITH ARMAFLEX INSULATION TAPE AND SECURE WITH BLACK CABLE TIES.
2. TRAP AND LOOP AT EVAPORATOR COIL IS NOT REQUIRED FOR UNITS WITH LIQUID LINE SOLENOID VALVES.
3. SUCTION LINES SHALL BE INSULATED. LIQUID LINES SHALL BE INSULATED ONLY ON DUCTLESS MINI-SPLITS.

6 REFRIGERANT PIPING

NOT TO SCALE



NOTES:

1. WALL CAP SHALL BE EQUAL TO GREENHECK MODEL WC. FOR USE IN LOW-VOLUME EXHAUST APPLICATIONS (300 CFM OR LESS).
2. WALL CAP SHALL HAVE BIRDSCREEN AND BACKDRAFT DAMPER.
3. PAINT WALL CAP TO MATCH WALL.
4. MAINTAIN ALL CODE REQUIRED CLEARANCES FROM OUTSIDE AIR INTAKES, DOORS, AND OPERABLE WINDOWS.

7 EXHAUST WALL CAP

NOT TO SCALE

REVIVAL ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
501-951-3316
www.revivalarch.com
SD.6

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 20814
ALEXANDER TRULOVE

TRU ENGINEERING
Alex Trulove, PE
MEP Consulting
alex@truengineering.net
501-993-7149
708 N Charles St.
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MECHANICAL DETAILS I

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BM-2.1

1

REFER TO ALTERNATE DEDUCT #1

HVAC -- AHU - INDOOR SCHEDULE - BLYTHEVILLE

DESIGNATION		DESCRIPTION	MANUFACTURER	MODEL	NOMINAL	HEATING TYPE	ELECTRICAL DATA		REMARKS
TYPE	MARK						VOLTAGE	PHASE	
FC	1	MULTIPOSITION FAN COIL	SAMSUNG	AC024KNZDCH	2.0 ton	HEAT PUMP	208 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT
FC	2	MULTIPOSITION FAN COIL	SAMSUNG	AC036KNZDCH	3.0 ton	HEAT PUMP	208 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT
FC	3	MULTIPOSITION FAN COIL	SAMSUNG	AC024KNZDCH	2.0 ton	HEAT PUMP	208 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT
FC	4	MULTIPOSITION FAN COIL	SAMSUNG	AC036KNZDCH	3.0 ton	HEAT PUMP	208 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT
FC	5	MULTIPOSITION FAN COIL	SAMSUNG	AC048KNZDCH	4.0 ton	HEAT PUMP	208 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT
FC	6	MULTIPOSITION FAN COIL	SAMSUNG	AC054KNZDCH	4.5 ton	HEAT PUMP	208 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT
FC	7	MULTIPOSITION FAN COIL	SAMSUNG	AC036KNZDCH	3.0 ton	HEAT PUMP	208 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT

HVAC -- CONDENSER SCHEDULE - BLYTHEVILLE

DESIGNATION		DESCRIPTION	MANUFACTURER	MODEL	NOMINAL CAPACITY	ELECTRICAL DATA			
TYPE	MARK					VOLTAGE	PHASE	MCA	MOCP
HP	1	VARIABLE SPEED HEAT PUMP	SAMSUNG	AC024BXADCH	2.0 ton	208 V	1	23.0 A	30.0 A
HP	2	VARIABLE SPEED HEAT PUMP	SAMSUNG	AC036BXADCH	3.0 ton	208 V	1	23.0 A	35.0 A
HP	3	VARIABLE SPEED HEAT PUMP	SAMSUNG	AC024BXADCH	2.0 ton	208 V	1	23.0 A	30.0 A
HP	4	VARIABLE SPEED HEAT PUMP	SAMSUNG	AC036BXADCH	3.0 ton	208 V	1	23.0 A	35.0 A
HP	5	VARIABLE SPEED HEAT PUMP	SAMSUNG	AC048BXADCH	4.0 ton	208 V	1	31.0 A	40.0 A
HP	6	VARIABLE SPEED HEAT PUMP	SAMSUNG	AC054KXADCH	4.5 ton	208 V	1	42.0 A	70.0 A
HP	7	VARIABLE SPEED HEAT PUMP	SAMSUNG	AC036BXADCH	3.0 ton	208 V	1	23.0 A	35.0 A

1. PROVIDE WITH LOW AMBIENT COOLING, HARD-START KIT, HAIL GUARDS, AND LOCAL DISCONNECT.
2. INDOOR AND OUTDOOR UNITS SHALL BE PROVIDED FROM SAME MANUFACTURER.
3. UNITS SHALL BE SELECTED AT AMBIENT CONDITIONS OF: 100 F DB AND 77 F WB.
4. UNITS SHALL MEET CURRENT ENERGY CODE MINIMUM EFFICIENCY REQUIREMENTS.

1. PROVIDE WITH 2" PLEATED FILTER BASE EQUAL TO EZ FILTER. PROVIDE WITH MINIMUM MERV 8 FILTERS. PROVIDE WITH EXTRA SET OF FILTERS AT TEST AND BALANCE AND AT PROJECT COMPLETION.
2. PROVIDE WITH AUXILIARY DRAIN PAN WITH WET SWITCH TO DEENERGIZE UNIT UPON DETECTION OF WATER.
3. PROVIDE WITH ELOSTOMERIC VIBRATION ISOLATION PADS EQUAL TO AMBER BOOTH. PADS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. UNIT SHALL BE SUPPORTED FROM ALL FOUR CORNERS.
4. PROVIDE WITH DISCONNECT SWITCH, REFER TO ELECTRICAL FOR COORDINATION.

HVAC -- DUCTLESS SPLIT FAN COIL SCHEDULE - BLYTHEVILLE

DESIGNATION		DESCRIPTION	MANUFACTURER	MODEL	COOLING DATA		ELECTRICAL DATA		REMARKS
TYPE	MARK				MAX SUPPLY AIR	TOTAL COOLING	VOLTAGE	PHASE	
DSFC	1A	1.5 TON CEILING CASSETTE	SAMSUNG	AC018BNNDCH	400 CFM	18,000 Btu/h	208 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT
DSFC	1B	1.5 TON CEILING CASSETTE	SAMSUNG	AC018BNNDCH	400 CFM	18,000 Btu/h	208 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT
DSFC	2A	1.5 TON CEILING CASSETTE	SAMSUNG	AC018BNNDCH	400 CFM	18,000 Btu/h	208 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT
DSFC	2B	1.5 TON CEILING CASSETTE	SAMSUNG	AC018BNNDCH	400 CFM	18,000 Btu/h	208 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT
DSFC	3	12 MBH WALL COIL UNIT	SAMSUNG	AR12TSFABWKNCV	600 CFM	12,000 Btu/h	240 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT

HVAC -- DUCTLESS SPLIT CONDENSER SCHEDULE - BLYTHEVILLE

DESIGNATION		DESCRIPTION	MANUFACTURER	MODEL	ELECTRICAL DATA			
TYPE	MARK				VOLTAGE	PHASE	MCA	MOCP
DSCU	1	3 TON MULTI-SPLIT HEAT PUMP	SAMSUNG	AJ036BXJ4CH	208 V	1	26.0 A	30.0 A
DSCU	2	3 TON MULTI-SPLIT HEAT PUMP	SAMSUNG	AJ036BXJ4CH	208 V	1	26.0 A	30.0 A
DSCU	3	1.5 TON HEAT PUMP	SAMSUNG	AC018BXSCCC	240 V	1	12.0 A	15.0 A

1. PROVIDE WITH INTEGRAL CONDENSATE PUMP.

1. PROVIDE WITH LOW AMBIENT COOLING, HARD-START KIT, HAIL GUARDS, AND LOCAL DISCONNECT.
2. INDOOR AND OUTDOOR UNITS SHALL BE PROVIDED FROM SAME MANUFACTURER.
3. UNITS SHALL BE SELECTED AT AMBIENT CONDITIONS OF: 100 F DB AND 77 F WB.
4. UNITS SHALL MEET CURRENT ENERGY CODE MINIMUM EFFICIENCY REQUIREMENTS.

HVAC -- EXHAUST FAN SCHEDULE - BLYTHEVILLE

DESIGNATION		MANUFACTURER	MODEL	EXHAUST AIR CFM	EXTERNAL STATIC PRESSURE	ELECTRIC MOTOR DATA				REMARKS
TYPE	MARK					MOTOR WATTS	VOLTAGE	PHASE	DRIVE	
EF	1	COOK	GCVF	75 CFM	0.25 in-wg	150 W	120 V	1	DIRECT	INTERLOCK WITH LIGHTS IN ASSOCIATED ROOM
EF	2	COOK	GCVF	75 CFM	0.25 in-wg	150 W	120 V	1	DIRECT	INTERLOCK WITH LIGHTS IN ASSOCIATED ROOM
EF	3	COOK	GCVF	75 CFM	0.25 in-wg	150 W	120 V	1	DIRECT	INTERLOCK WITH LIGHTS IN ASSOCIATED ROOM
EF	4	COOK	GCVF	75 CFM	0.25 in-wg	150 W	120 V	1	DIRECT	INTERLOCK WITH LIGHTS IN ASSOCIATED ROOM
EF	5	COOK	GCVF	75 CFM	0.25 in-wg	150 W	120 V	1	DIRECT	INTERLOCK WITH LIGHTS IN ASSOCIATED ROOM
EF	6	COOK	GCVF	75 CFM	0.25 in-wg	150 W	120 V	1	DIRECT	INTERLOCK WITH LIGHTS IN ASSOCIATED ROOM
EF	7	COOK	GCVF	75 CFM	0.25 in-wg	150 W	120 V	1	DIRECT	INTERLOCK WITH LIGHTS IN ASSOCIATED ROOM

1. PROVIDE WITH SOLID STATE SPEED CONTROLLER, DISCHARGE BACKDRAFT DAMPER, ISOLATOR KIT, DISCONNECT SWITCH.
2. PROVIDE WITH MANUFACTURER'S METAL GRILLE OPTION.
3. EXHAUST FAN SHALL BE SUPPORTED BY STRUCTURE BY MEANS OF ALL THREAD RODS AND MANUFACTURER'S MOUNTING BRACKETS.
4. EXHAUST FAN SHALL BE INTERLOCKED WITH LIGHTS IN ASSOCIATED ROOM.

REVIVAL ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
501-951-3316 www.revivalarch.com SDG

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ALEXANDER TRULOVE

TRU ENGINEERING
Alex Trulove, PE
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708 N Charles St.
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SHEET CONTENTS:
MECHANICAL SCHEDULES

SHEET NO.
BM-3.1

PLUMBING LEGEND

ABBREVIATION OR SYMBOL	DESCRIPTION
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWC	DOMESTIC HOT WATER RETURN
SS	SANITARY SEWER
GW	SANITARY - GREASE WASTE
AW	SANITARY - ACID WASTE
SD	STORM DRAIN
V	VENT
G	NATURAL GAS
CD	CONDENSATE DRAIN

VALVING

BFV BFV	BUTTERFLY VALVE (lever operator)
BFV BFV	BUTTERFLY VALVE (wheel operator)
GV GV	GATE VALVE
CHK CHK	CHECK VALVE
GB GB	GLOBE VALVE
ST ST	STRAINER (Y-TYPE)
BV BV	BALL VALVE

* NOT ALL SYMBOLS MAY APPLY TO THIS PROJECT

ABBREVIATION OR SYMBOL	DESCRIPTION
	FLEXIBLE PIPING
	EXISTING PIPING TO REMAIN (refer to line designation)
	EXISTING TO BE REMOVED (back to point indicated)
	CONNECT TO EXISTING
	BELOW GRADE PIPING (fine dash)

THREADED WATER & GAS PIPING

	PIPE DOWN
	PIPE UP
	THREADED TEE DOWN
	THREADED TEE UP
	BRANCH - BOTTOM OF PIPE
	BRANCH - TOP OF PIPE
	90 DEGREE ELBOW
	45 DEGREE ELBOW
	TEE
	UNION

ABBREVIATION OR SYMBOL	DESCRIPTION
FFE AFF AFG	FINISH FLOOR ELEVATION ABOVE FINISH FLOOR ABOVE FINISH GRADE
	PIPE PENETRATION (through floor/wall/etc)
IN	DHW ROUGH-IN

LONG RADIUS SEWER & VENT PIPING

	PIPE DOWN
	PIPE UP
	PIPE WYE DOWN
	PIPE WYE UP
	BRANCH - BOTTOM OF PIPE
	BRANCH - TOP OF PIPE
	ELBOW
	45 DEGREE ELBOW
	WYE WITH EIGHTH BEND
	UNION

PLUMBING GENERAL NOTES:

1. ALL PLUMBING WORK SHALL COMPLY WITH ALL LOCAL CODES, AUTHORITIES HAVING JURISDICTION, DRAWINGS AND SPECIFICATIONS. IF DISCREPANCIES ARE FOUND - THE MOST STRINGENT REQUIREMENT SHALL GOVERN WORK.
2. ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRIC RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, FITTING, OR COMPONENT. CONTRACTOR SHALL NOT SCALE DRAWINGS. EQUIPMENT SCHEDULES SHALL TAKE PRECEDENCE OVER CONFLICTING DRAWING INFORMATION. DRAWINGS SPECIFIC TO THIS DISCIPLINE DO NOT LIMIT THE RESPONSIBILITY OF WORK REQUIRED BY CONTRACT DOCUMENTS. REFER TO COMPLETE PROJECT DOCUMENTS FOR COORDINATION WITH OTHER DISCIPLINES.
3. EXCEPT WHERE MODIFIED BY SPECIFIC NOTATION TO THE CONTRARY, IT SHALL BE UNDERSTOOD THAT THE INDICATION AND/OR DESCRIPTION OF ANY ITEM IN THE DRAWINGS OR SPECIFICATIONS CARRIES WITH IT THE INSTRUCTION TO PROVIDE THE ITEM, REGARDLESS OF WHETHER OR NOT THIS INSTRUCTION IS EXPLICITLY STATED AS PART OF THE INDICATION OR DESCRIPTION.
4. REFER TO PLUMBING SCHEDULES AND SPECIFICATIONS FOR BASIS OF DESIGN, ACCEPTABLE MANUFACTURERS, AND MODELS OF PLUMBING FIXTURES AND EQUIPMENT.
5. PROVIDE CLEANOUTS IN ALL SANITARY LINES, WHETHER SHOWN OR NOT, AT INTERVALS NOT TO EXCEED 100' AND AT EACH CHANGE IN DIRECTION GREATER THAN 45 DEGREES.
6. PROVIDE A TWO-WAY CLEANOUT AT THE JUNCTION OF ALL BUILDING DRAINS AND BUILDING SEWERS.
7. REFER TO SPECIFICATIONS FOR INSULATION REQUIREMENTS.
8. ALL SANITARY LINES 2 1/2" AND SMALLER SHALL HAVE A MINIMUM SLOPE OF 1/4" PER FOOT. ALL SANITARY LINES 3" AND LARGER SHALL HAVE A MINIMUM SLOPE OF 1/8" PER FOOT. VERIFY EXISTING SANITARY LINE ELEVATIONS AND COORDINATE INSTALLATION TO ASSURE PROPER FLOW.
9. SEAL ALL PIPE PENETRATIONS THROUGH WALLS, ROOF, AND FLOOR AIR AND WATER TIGHT.
10. ALL FLOOR DRAINS SHALL HAVE DEEP SEAL TRAPS, 4" DEEP SEAL MINIMUM UNLESS NOTED OTHERWISE. PROVIDE A TRAP GUARD EQUAL TO PROSET OR SURE SEAL SIZED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS FOR ALL FLOOR DRAINS.
11. ALL PIPE DROPS FROM CEILING PLENUM TO BELOW FLOOR SHALL BE MADE IN FURR-OUTS AT COLUMNS, IN WEBB OF BEAMS AT COLUMNS, OR IN WALLS UNLESS SHOWN OTHERWISE.
12. ALL EXPOSED OR ACCESSIBLE P-TRAPS SHALL BE CHROME PLATED AND PROVIDED WITH BOTTOM CLEANOUT PLUGS. ALL EXPOSED PLUMBING TRIM SHALL BE CHROME PLATED.
13. PROVIDE TIGHT-FITTED MOLDED PLASTIC INSULATION AT ALL EXPOSED WATER AND DRAIN PIPING FOR ADA FIXTURES PER ANSI A117.1 AND ADA REQUIREMENTS. FINISH SHALL BE WHITE.
14. ALL DOMESTIC WATER SHALL BE ROUTED ABOVE CEILING. ALL DOMESTIC WATER ROUTED IN EXTERIOR WALLS SHALL BE INSTALLED ON CONDITIONED SIDE OF ROOM INSULATION.
15. MAINTAIN A MINIMUM OF 10' BETWEEN ALL HVAC FRESH AIR INTAKES AND PLUMBING VENTS. COORDINATE WITH MECHANICAL BEFORE INSTALLATION OF VTRs.
16. CONTRACTOR SHALL VISIT SITE AND VERIFY CONDITIONS PRIOR TO BIDDING.
17. CONTRACTOR SHALL PAY ALL UTILITY FEES AND CHARGES IN THE CONTRACT.
18. PROVIDE ALL FITTINGS, TRANSITIONS, COUPLINGS, ADAPTORS, UNIONS, AND OTHER ACCESSORIES NEEDED TO COMPLETE CONNECTIONS AND PROVIDE FOR PROPER OPERATION OF PLUMBING FIXTURES AND PLUMBING EQUIPMENT.
19. FIRE STOP ALL PIPE PENETRATIONS THROUGH RATED WALLS. REFER TO SPECIFICATIONS.
20. PIPING SHALL NOT BE ROUTED OVER ELECTRICAL ROOMS, COMPUTER ROOMS, ELECTRICAL PANELS, OR ELECTRICAL EQUIPMENT UNLESS OTHERWISE NOTED.
21. EACH FIXTURE GROUP OR BATTERY OF FIXTURES SHALL BE PROVIDED WITH A SHUTOFF VALVE IN THE DOMESTIC HOT AND COLD WATER SUPPLY LINES ABOVE CEILING. VALVES SHALL BE ACCESSIBLE FROM ROOM BELOW.
22. PAINT EXPOSED PIPING AND PIPE INSULATION. COORDINATE WITH OWNER FOR FINAL COLOR.
23. ALL UNDER FLOOR WATER PIPING SHALL BE PROVIDED WITH A POLYETHYLENE SLEEVE. EXTEND SLEEVE UP THROUGH FLOOR SLAB AND SEAL AIR AND WATER TIGHT.
24. PLASTIC PIPE IS PROHIBITED IN RETURN AIR PLENUMS. ALL PIPING AND PIPE CONNECTIONS IN RETURN AIR PLENUMS SHALL BE PLENUM RATED.
25. PIPING THROUGH FOUNDATION WALLS AND FOOTINGS SHALL BE SLEEVED AS PER STRUCTURAL DETAILS.
26. ALL PIPE CONNECTIONS BETWEEN DISSIMILAR METALS SHALL BE MADE THROUGH DIELECTRIC UNIONS.
27. ALL PLUMBING COMPONENTS WITH ELECTRICAL REQUIREMENTS SHALL BE INSTALLED WITH THE ELECTRICAL INFRASTRUCTURE NECESSARY TO PROVIDE A FULLY FUNCTIONING SYSTEM. IF NOT SPECIFICALLY SHOWN ON ELECTRICAL SCHEDULE, PLUMBING FIXTURES REQUIRING ELECTRICAL SERVICE SHALL BE FED FROM BREAKER OF ADEQUATE CAPACITY.
28. REFER TO PLUMBING SPECIFICATIONS FOR PIPE MATERIAL AND INSULATION REQUIREMENTS.
29. EXACT LOCATION OF ALL EQUIPMENT AND PIPING SHALL BE COORDINATED WITH OTHER TRADES. CEILING MOUNTED SPRINKLER AND LIGHTING SHALL TAKE PRECEDENCE OVER CEILING MOUNTED MECHANICAL REQUIREMENTS.
30. PROVIDE FABRICATED EXPANSION LOOP OR MANUFACTURED EXPANSION DEVICE ON ALL PIPING SYSTEMS CROSSING BUILDING EXPANSION JOINTS.
31. WATER SUPPLY CONNECTIONS TO COFFEE MACHINES AND NONCARBONATED BEVERAGE DISPENSERS SHALL BE PROVIDED WITH A BACKFLOW PREVENTER OR AN AIR GAP.

DEMOLITION/RENOVATION GENERAL NOTES

1. THE MECHANICAL RELATED DEMOLITION WORK INDICATED ON THE PLANS, SPECIFICATIONS, AND NOTES IS TO BE CLOSELY COORDINATED WITH THE OWNER'S REPRESENTATIVE. NO DEMOLITION SHALL TAKE PLACE IN ANY AREA OR BUILDING UNTIL THE CONTRACTOR HAS BEEN GIVEN APPROVAL TO PROCEED IN THAT SPECIFIC LOCATION. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION AND DEMOLITION SCOPE OF WORK.
2. IF, DURING DEMOLITION, IT BECOMES NECESSARY TO TEMPORARILY REMOVE ANY EQUIPMENT, PIPING, OR OTHER SYSTEM WHICH IS NOT SPECIFICALLY NOTED TO BE REMOVED (THEREBY IMPLYING THAT THEY ARE TO BE LEFT FOR FUTURE USE), THE CONTRACTOR SHALL REINSTALL SAID SYSTEMS TO FULLY OPERABLE CONDITION IN THEIR ORIGINAL LOCATIONS.
3. ALL DEMOLITION WORK SHALL BE SCHEDULED WITH THE OWNER'S REPRESENTATIVE AT LEAST 48 HOURS PRIOR TO THE WORK.
4. PATCH ALL OPENINGS IN WALLS, FLOORS, AND CEILINGS WHERE DUCT, PIPING, AND CONTROLS HAVE BEEN REMOVED TO MATCH EXISTING.
5. ANY DAMAGE TO THE OWNER'S PROPERTY, BUILDING, EXISTING SYSTEMS, OR EQUIPMENT RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER AND ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER.
6. MAINTAIN THE SECURITY OF THE BUILDING AT ALL TIMES.
7. REMOVE ALL EXISTING SUPPORTS ASSOCIATED WITH EQUIPMENT, DUCTWORK, AND PIPE BEING REMOVED UNLESS NOTED OTHERWISE.
8. DISPOSE OF ALL REMOVED EQUIPMENT AS DIRECTED BY THE OWNER.
9. CONTRACTOR SHALL COORDINATE REMOVAL OF UTILITY SERVICES WITH UTILITY COMPANIES AND LOCAL AUTHORITIES AND PAY ALL FEES.
10. SCHEDULE UTILITY WORK WITH OWNER TO KEEP TO A MINIMUM ACCEPTABLE DOWNTIME AND TO NOT INTERFERE WITH THE BUILDING OPERATIONAL SCHEDULE, IF POSSIBLE.
11. MAINTAIN THE FIRE AND SMOKE CONSTRUCTION INTEGRITY OF THE EXISTING BUILDINGS.
12. DO NOT VENT REFRIGERANT TO ATMOSPHERE. RECOVER REFRIGERANT FOR REUSE USING ASHRAE RECOMMENDED PROCEDURES.
13. EXISTING EQUIPMENT SHALL BE RELOCATED AS NECESSARY FOR THE INSTALLATION OF THE NEW SYSTEMS. METHODS AND POSITIONS OF THE RELOCATIONS SHALL HAVE PRIOR APPROVAL OF THE ARCHITECT.
14. DEMOLITION AND SHUTDOWN OF EXISTING HVAC SYSTEMS THAT WILL AFFECT PORTIONS OF THE BUILDING OUTSIDE OF PROJECT AREA SHALL BE COORDINATED WITH OWNER'S REPRESENTATIVE AND PLANNED TO LIMIT INCONVENIENCE AND DISRUPTION OF BUILDING OPERATIONS AS MUCH AS POSSIBLE. WORK SHALL BE PHASED ACCORDINGLY. PLUMBING OR HVAC WORK REQUIRED IN OCCUPIED AREAS OUTSIDE OF THE FLOOR AREA SHALL BE SCHEDULED WITH THE OWNER 48 HOURS IN ADVANCE.
15. THE EQUIPMENT LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE FINAL LOCATIONS SHALL BE ESTABLISHED IN THE FIELD TO BEST FIT THE AVAILABLE SPACE. COORDINATE WITH STRUCTURAL DRAWINGS.
16. INSPECT THE EXISTING SYSTEM; ANY EXISTING EQUIPMENT, DUCTS, OR PIPING FOUND TO BE DAMAGED OR NON-OPERABLE SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE IMMEDIATELY.
17. PHASE DEMOLITION AND RENOVATION WORK TO MAINTAIN EXISTING BUILDING AS REQUIRED BY BUILDING OWNER/OCCUPANTS. PROVIDE TEMPORARY SERVICES AS REQUIRED.
18. WORK REQUIRED IN THE AREAS OUTSIDE OF THE FLOOR AREA FOR PLUMBING OR HVAC WORK SHALL BE SCHEDULED WITH THE OWNER 48 HOURS IN ADVANCE. COORDINATE AND SCHEDULE ALL CONNECTIONS TO EXISTING SYSTEMS AND SYSTEM SHUT-DOWNS WITH OWNER'S REPRESENTATIVE.
19. ANY DAMAGE TO THE EXISTING BUILDING, STRUCTURE, FINISHES, OR ARCHITECTURAL FEATURES CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER WITHOUT ADDITIONAL COST TO THE OWNER.

PLUMBING -- FIXTURE SCHEDULE - BLYTHEVILLE

TAG	DESCRIPTION	MANUFACTURER	MODEL	ACCESSORIES	FAUCETS & FITTINGS	STOPS	TRAPS	MOUNTING	BRANCH CONNECTIONS DCW	BRANCH CONNECTIONS DHW	BRANCH CONNECTIONS SS	REMARKS
FCO	FLOOR CLEANOUT	ZURN	ZN1400	-	-	-	-	FLOOR			4"	MATCH SIZE TO SANITARY LINE SERVED.
FD1	FLOOR DRAIN - 5" STRAINER	ZURN	Z415B	PROSET TRAP GUARD	-	-	CAST IRON	FLOOR			2"	
P1	WATER CLOSET - FLUSH TANK - ADA	ZURN	Z5551-K	ADA ELONGATED SEAT	-	MCGUIRE COMMERCIAL	INTEGRAL	FLOOR	1/2"		4"	
P2A	WALL HUNG LAVATORY	ZURN	Z5310	GRID DRAIN	ZURN 831B4-XL	MCGUIRE COMMERCIAL	MCGUIRE COMMERCIAL	WALL	1/2"	1/2"	2"	MOUNT AT ADA HEIGHT
P3	SINK - ADA - SINGLE COMPARTMENT	ELKAY	LR2022	-	ZURN 831B4-XL	MCGUIRE COMMERCIAL	MCGUIRE COMMERCIAL	COUNTER	1/2"	1/2"	2"	
P4	KITCHEN SINK - SINGLE COMPARTMENT	ELKAY	DLRS332210	BADGER 5XP GARBAGE DISPOSAL	ZURN 831B4-XL	MCGUIRE COMMERCIAL	MCGUIRE COMMERCIAL	COUNTER	1/2"	1/2"	2"	
P5	SINGLE STATION WATER COOLER	ELKAY	LZS8WSLK	BOTTLE FILLER	-	MCGUIRE COMMERCIAL	MCGUIRE COMMERCIAL	WALL	1/2"		2"	

1 ALL FIXTURES SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATION.
2 CONTRACTOR IS RESPONSIBLE FOR COORDINATING FAUCET SPACING AND STYLE WITH MOUNTING HOLES IN FIXTURE.
3 ALL FIXTURES WITH HOT WATER FEEDS SHALL BE PROVIDED WITH THERMOSTATIC MIXING VALVE INSTALLED AS PER MANUFACTURER'S RECOMMENDATION.
4 CONTRACTOR SHALL INSTALL ALL PLUMBING FIXTURES IN COMPLIANCE WITH ALL APPLICABLE CODES AND ALL AUTHORITIES HAVING JURISDICTION.

PLUMBING -- EQUIPMENT SCHEDULE - BLYTHEVILLE

TAG	MARK	DESCRIPTION	MANUFACTURER	MODEL	MOUNTING	BRANCH CONNECTIONS DCW	BRANCH CONNECTIONS DHW	HTG INPUT	DESIGN EWT	WH SETPOINT	ELECTRICAL DATA VOLTAGE (V)	ELECTRICAL DATA PHASE	REMARKS
WH	1	LIGHT COMMERCIAL TANK ELECTRIC WATER HEATER	AO SMITH	G12-FDT5040NVR	FLOOR	3/4"	3/4"	40000 Btu/h	55.0 °F	120.0 °F	208 V	1	REFER TO WATER HEATER DETAIL.

REVIVAL ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
501-951-3316 www.revivalarch.com SD.G.

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 35814
ALEXANDER TRULOVE

TRU ENGINEERING
Alex Trulove, PE
MEP Consulting
alex@truengineering.net
501-993-7149
708 N Charles St.
Searcy, AR 72143

CERTIFICATE OF AUTHORIZATION
TRU ENGINEERING, LLC
No. 6608
ARKANSAS

Project Name:
Mississippi County Health Units
Blytheville

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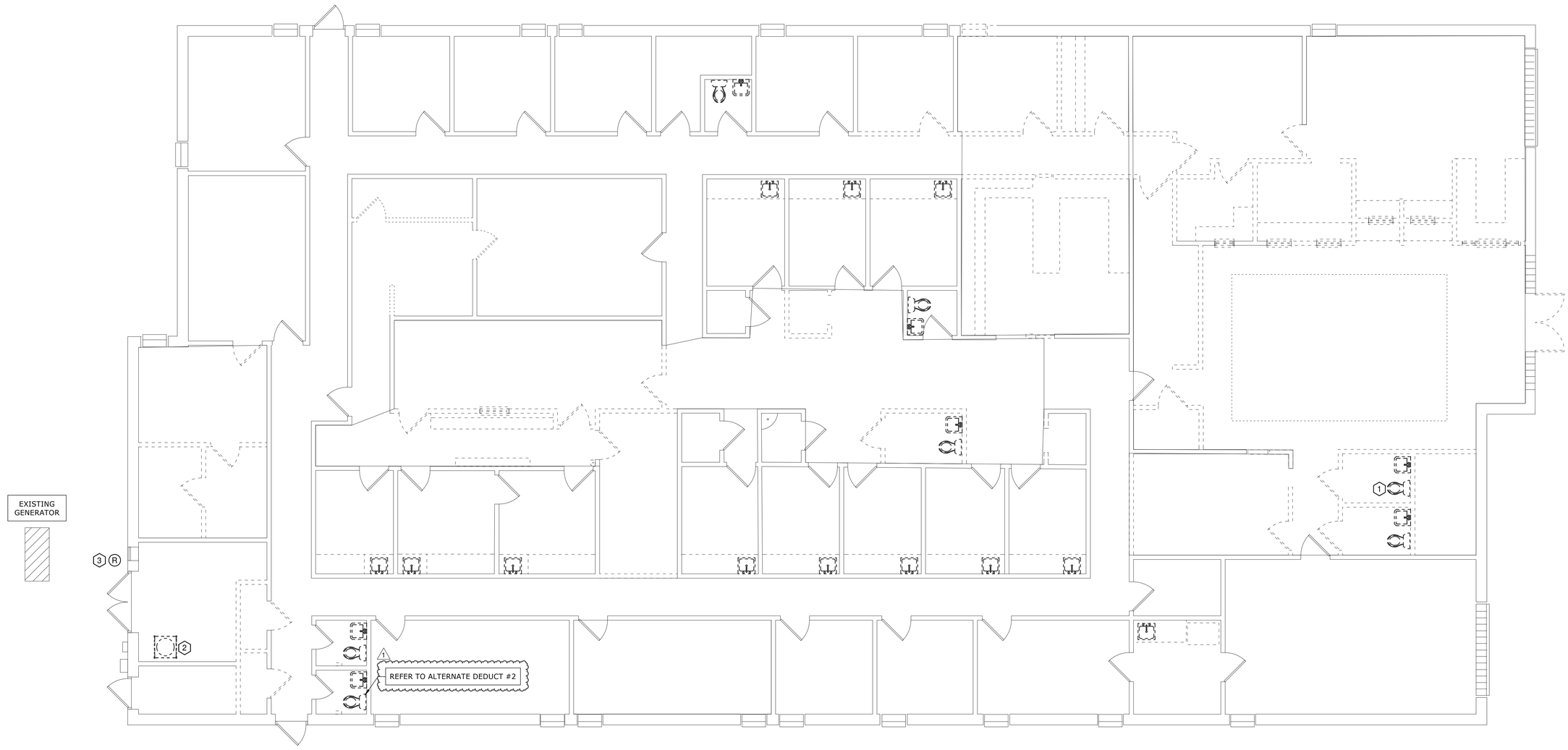
SHEET CONTENTS:
PLUMBING NOTES, SCHEDULES, AND LEGENDS

SHEET NO.
BP-0.1



1 DEMO PLUMBING PLAN - BLYTHEVILLE

3/16" = 1'-0"

NORTH

KEYED NOTES

1. REMOVE EXISTING PLUMBING FIXTURES COMPLETE BACK TO STOP, TYPICAL ALL.
2. REMOVE EXISTING WATER HEATER AND ASSOCIATE RECIRC PUMP COMPLETE.
3. EXISTING NATURAL GAS REGULATOR. REMOVE ALL EXISTING PIPING WITH EXISTING GERNATOR TO BE DEMOLISHED.

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ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
501-951-3316 www.revivalarch.com SD.6

STATE OF ARKANSAS
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No. 20814
ALEXANDER TRULOVE

TRU ENGINEERING
Alex Trulove, PE
MEP Consulting
alex@truengineering.net
501-993-7149
708 N Charles St.
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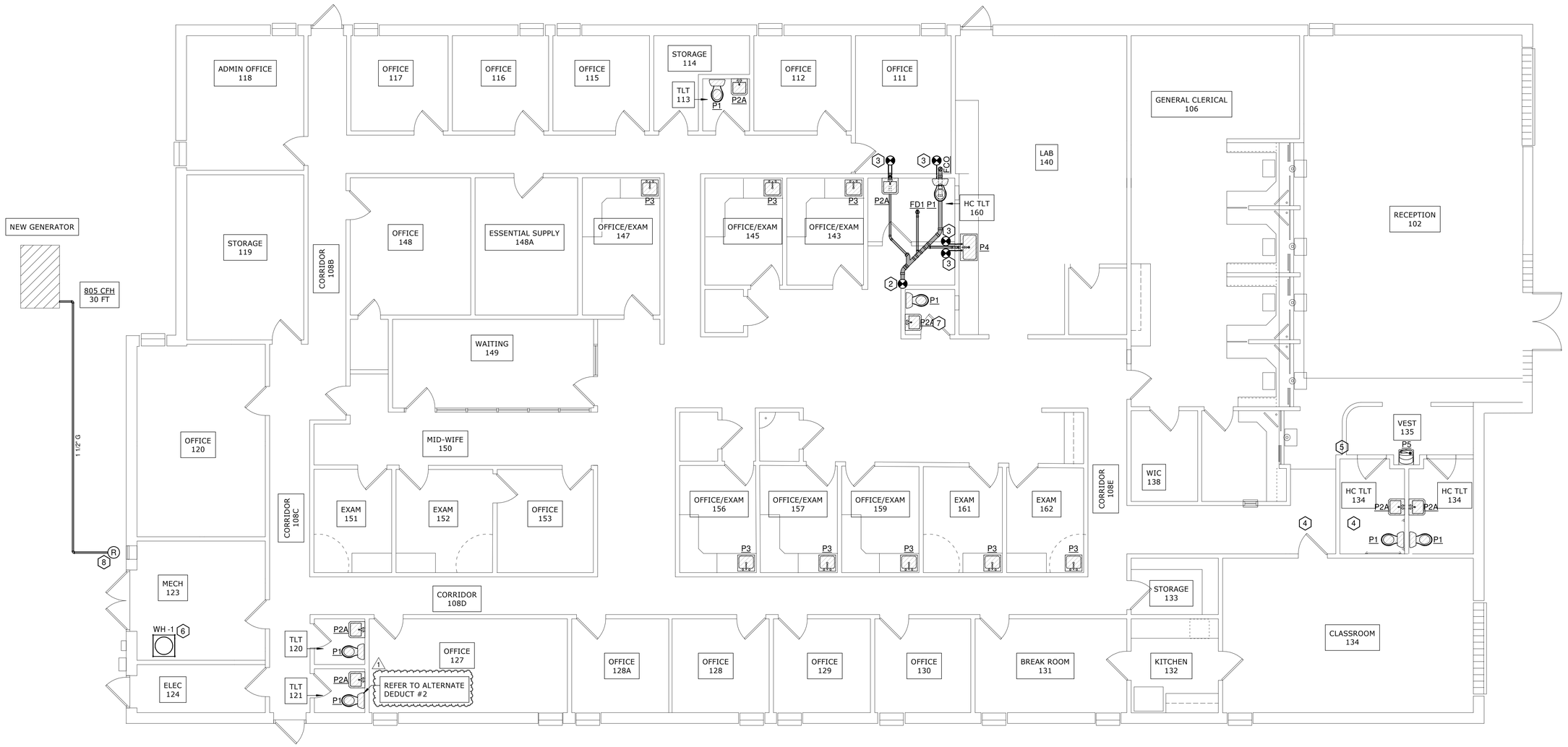
SHEET CONTENTS:
DEMO PLUMBING PLAN
- BLYTHEVILLE

SHEET NO.
BP-1.1



1 RENO PLUMBING PLAN - BLYTHEVILLE

3/16" = 1'-0"

NORTH

FIXTURE CONNECTION Ø - BLYTHVILLE

TAG	DESCRIPTION	BRANCH CONNECTIONS		
		DCW	DHW	SS
FCO	FLOOR CLEANOUT			4"
FD1	FLOOR DRAIN - 5" STRAINER			2"
P1	WATER CLOSET - FLUSH TANK - ADA	1/2"		4"
P2A	WALL HUNG LAVATORY	1/2"	1/2"	2"
P3	SINK - ADA - SINGLE COMPARTMENT	1/2"	1/2"	2"
P4	KITCHEN SINK - SINGLE COMPARTMENT	1/2"	1/2"	2"
P5	SINGLE STATION WATER COOLER	1/2"		2"

KEYED NOTES

1. NEW PLUMBING FIXTURE TO CONNECT TO EXISTING SANITARY/DCW/DHW SUPPLIES. TYPICAL ALL EXCEPT IN NEW RESTROOM, SEE KEYED NOTES 2 AND 3. NEW SANITARY SHALL BE TRENCHED TO EXISTING SANITARY MAIN.
2. CONNECT TO EXISTING SANITARY MAIN.
3. CONNECT TO EXISTING DCW/DHW MAIN.
4. EXTEND SANITARY TO NEW FIXTURE LOCATIONS. TRENCH AS REQUIRED.
5. ROUTE NEW DRINKING FOUNTAIN SANITARY/VENT/DCW ADJECNT RESTROOM PLUMBING MAINS.
6. NEW WATER HEATER AND RECIRC PUMP. SEE WATER HEATER DETAIL FOR FULL REQUIREMENTS.
7. GC SHALL VERIFY NEW WALL HUNG FIXTURES FITS IN EXISTING LOCATION.
8. PROVIDE 1.5" GAS LINE BELOW GRADE TO NEW GENERATOR. BALANCE REGULATOR AS REQUIRED FOR INCREASED CAPACITY.

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501-951-3316 www.revivalarch.com

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STATE OF ARKANSAS LICENSED PROFESSIONAL ENGINEER ALEXANDER TRULOVE No. 20814

TRU ENGINEERING
Alex Trulove, PE
MEP Consulting
alex@truengineering.net
501-993-7149
708 N Charles St.
Searcy, AR 72143

CERTIFICATE OF AUTHORIZATION TRU ENGINEERING, LLC No. 6608 ARKANSAS

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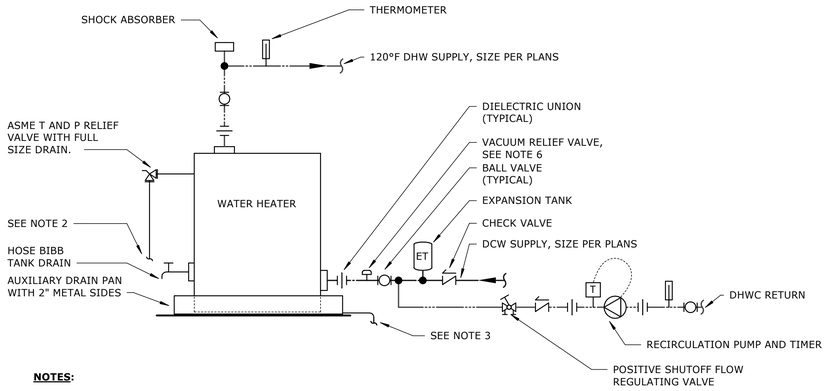
SHEET CONTENTS:
RENO PLUMBING PLAN - BLYTHEVILLE

SHEET NO.
BP-1.2

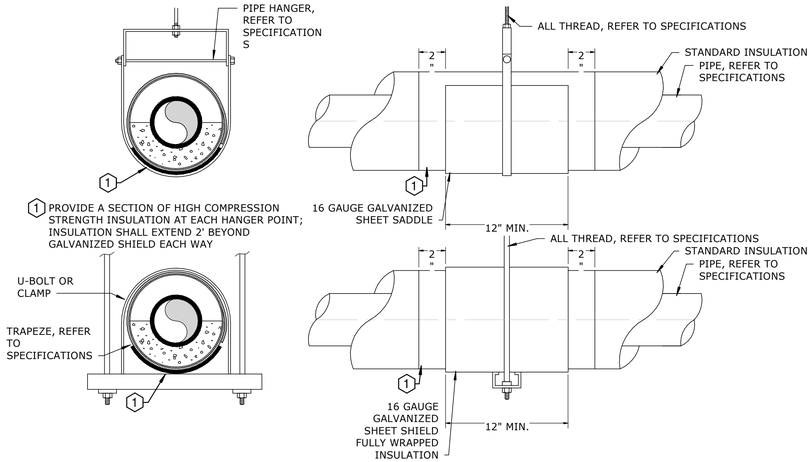


NOTES:

1. PROVIDE THERMAL EXPANSION TANK ON COLD WATER INLET. SIZE PER MANUFACTURER'S RECOMMENDATION.
2. T & P RELIEF VALVE SHALL DISCHARGE FULL SIZE TO SANITARY. T&P DISCHARGE SHALL NOT CAUSE A THREAT TO OR INTERFERE WITH FACILITY OPERATIONS, FACILITY ITSELF, EQUIPMENT OR PERSONNEL. THE DISCHARGE PIPE SHALL NOT HAVE ANY TRAPPED SECTIONS.
3. PAN DRAIN SHALL EXTEND FULL SIZE TO SANITARY.
4. T & P RELIEF VALVE AND DRAIN PAN DISCHARGE SHALL CONFORM TO ALL LOCAL CODES AND AUTHORITIES HAVING JURISDICTION.
5. FOR SUSPENDED WATER HEATERS, PROVIDE PRE-MANUFACTURED PLATFORM EQUAL TO 'HOLD-RITE'. PLATFORM SHALL BE RATED FOR FULL WEIGHT OF WATER HEATER AND ACCESSORIES WHEN FILLED. PROVIDE SECONDARY SEISMIC STRAP AROUND WATER HEATER AND SECURED TO STRUCTURE.
6. PROVIDE BOTTOM FED WATER HEATERS WITH VACUUM RELIEF VALVE WHICH MEETS ANSI Z21.22.
7. SET PUMP TIMER SO THAT RECIRCULATION PUMP OPERATES ONLY DURING OCCUPIED HOURS.

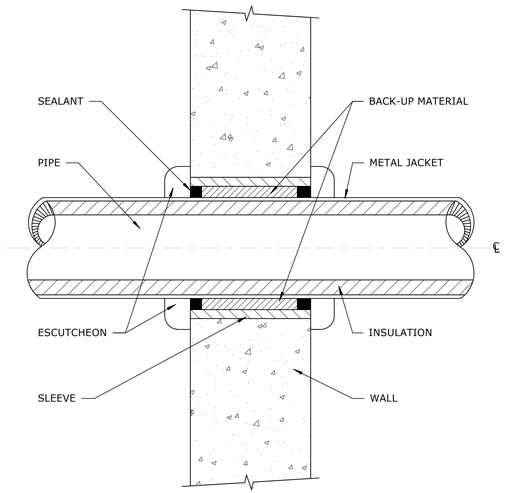
1 WATER HEATER - SINGLE TEMP. W/RECIRC.

NOT TO SCALE



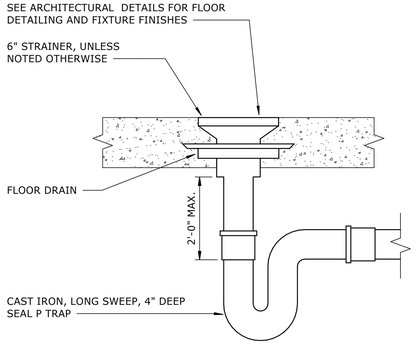
2 INSULATED PIPE HANGER

NOT TO SCALE



3 PIPE SLEEVE THROUGH WALL

NOT TO SCALE



NOTE: PROVIDE TRAP GUARD INSERT

4 FLOOR DRAIN

NOT TO SCALE

HAMMER ARRESTOR SCHEDULE		
SUPPLY BRANCH SIZE	HAMMER ARRESTOR CONNECTIONS	FIXTURE UNITS
1/2" - 1"	1/2"	1-11
1-1/4"	3/4"	12-32
1-1/2"	1"	33-60
2"	1"	61-113
2-1/2"	1"	114-154
3"	1"	155-330

NOTES:

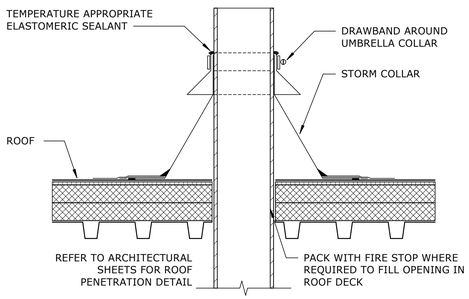
1. ALL BATHROOM GROUPS SHALL INCLUDE A MINIMUM OF ONE DCW ARRESTOR AND ONE HW ARRESTOR SIZED PER HAMMER ARRESTOR SCHEDULE. ADDITIONAL ARRESTORS SHALL BE INSTALLED WHERE INDICATED.
2. ARRESTORS SHALL BE P.D.I.-WH201 APPROVED AND CERTIFIED.
3. ARRESTORS SHALL HAVE WROUGHT COPPER SHELL WITH THREADED CONNECTIONS AND HYDRO-PNEUMATIC AIR CUSHION.
4. PROVIDE ACCESS TO ARRESTORS.
5. FURNISH AND INSTALL WITH ISOLATION VALVES INDEPENDENT OF ASSEMBLY.

5 WATER HAMMER ARRESTOR SCHEDULE

NOT TO SCALE

NOTES:

1. VENT ABOVE ROOF SHALL BE PAINTED TO MATCH ROOF. COORDINATE WITH ARCHITECT.
2. IF ARCHITECTURAL PIPE PENETRATION DETAIL IS AVAILABLE, IT SHALL SUPERCEDE THIS DETAIL.



6 VENT THROUGH ROOF

NOT TO SCALE

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P.O. Box 400, Scott, Arkansas 72142
501-951-3316 www.revivalarch.com

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STATE OF ARKANSAS LICENSED PROFESSIONAL ENGINEER No. 20814 ALEXANDER TRULOVE

TRU ENGINEERING
Alex Trulove, PE
MEP Consulting
alex@truengineering.net
501-993-7149
708 N Charles St.
Searcy, AR 72143

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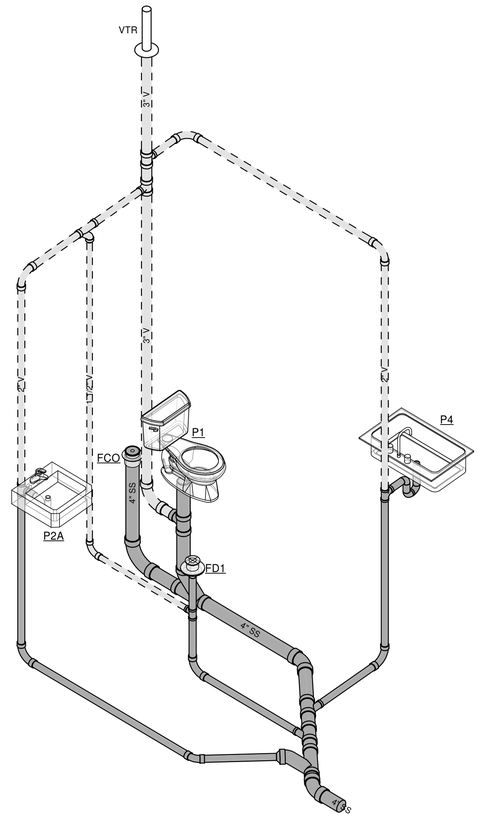
SHEET CONTENTS:
PLUMBING DETAILS

SHEET NO.
BP-2.1



1 SANITARY WASTE AND VENT RISER
NOT TO SCALE

SANITARY RISER GENERAL NOTES

1. SANITARY RISERS ARE DIAGRAMMATIC. RISERS INDICATE GENERAL PIPE ROUTES AND SIZES FOR SYSTEM. CONTRACTOR SHALL PROVIDE ALL NECESSARY OFFSETS TO PROVIDE A FULLY FUNCTIONING SYSTEM.
2. SOME P-TRAPS FOR FIXTURES ARE NOT SHOWN FOR CLARITY OF RISER. ALL PLUMBING FIXTURES WITH SANITARY CONNECTIONS SHALL BE PROVIDED WITH EITHER INTEGRAL OR ANCILLARY P-TRAPS.
3. CONTRACTOR SHALL INSTALL ALL PLUMBING FIXTURES IN ACCORDANCE WITH ALL APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION.
4. CLOSELY COORDINATE ALL VTR ROOF PENETRATIONS WITH ABOVE CEILING DUCTWORK AND STRUCTURE. COORDINATE WITH ARCHITECT FOR FINAL LOCATION.

FIXTURE CONNECTION Ø - BLYTHVILLE

TAG	DESCRIPTION	BRANCH CONNECTIONS		
		DCW	DHW	SS
FCO	FLOOR CLEANOUT			4"
FD1	FLOOR DRAIN - 5" STRAINER			2"
P1	WATER CLOSET - FLUSH TANK - ADA	1/2"		4"
P2A	WALL HUNG LAVATORY	1/2"	1/2"	2"
P3	SINK - ADA - SINGLE COMPARTMENT	1/2"	1/2"	2"
P4	KITCHEN SINK - SINGLE COMPARTMENT	1/2"	1/2"	2"
P5	SINGLE STATION WATER COOLER	1/2"		2"

REVIVAL
ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
501-951-3316 www.revivalarch.com SDG

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 20814
ALEXANDER TRULOVE

TRU ENGINEERING
Alex Trulove, PE
MEP Consulting
alex@truengineering.net
501-993-7149
708 N Charles St.
Searcy, AR 72143

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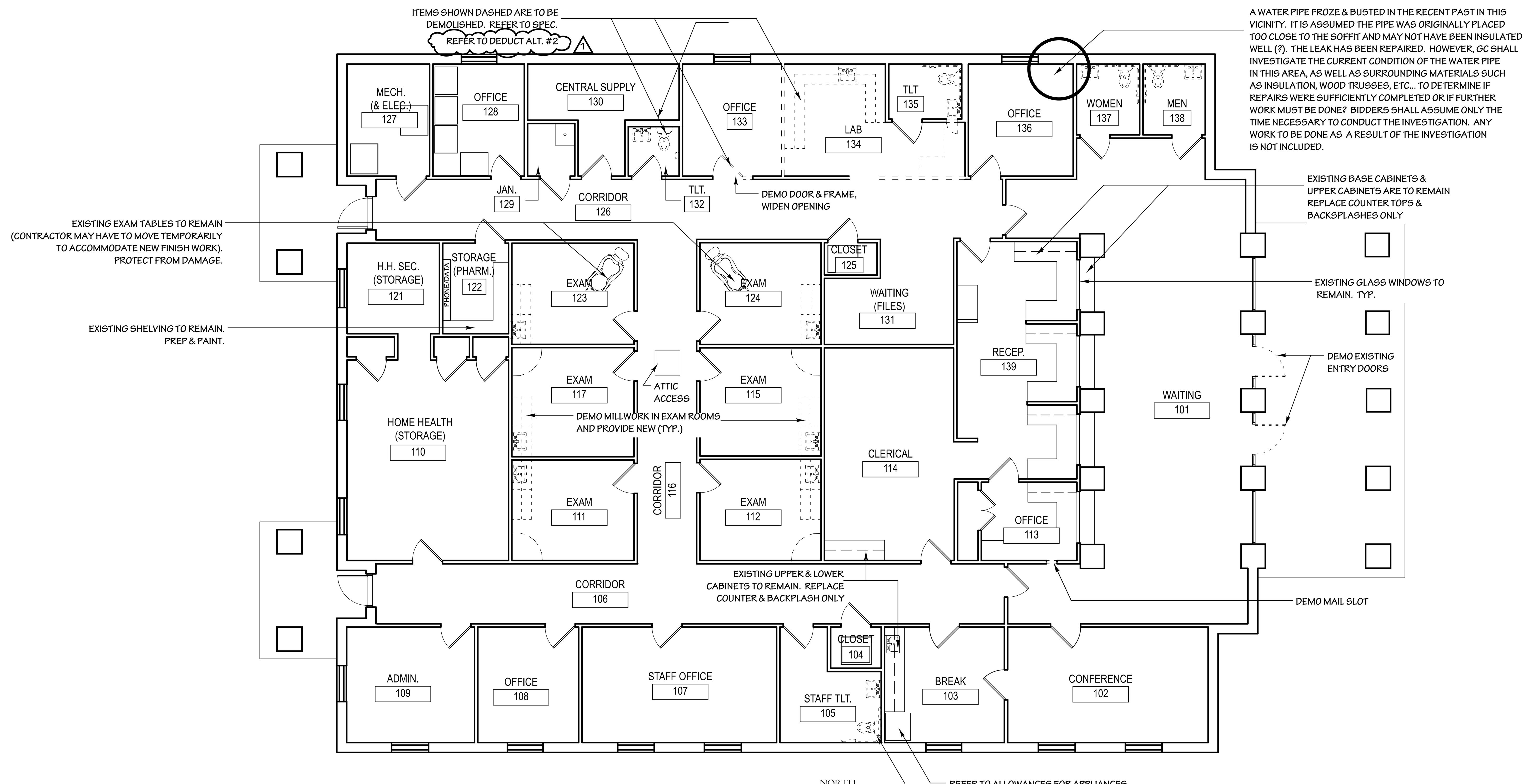
SHEET CONTENTS:
RISERS - BLYTHEVILLE

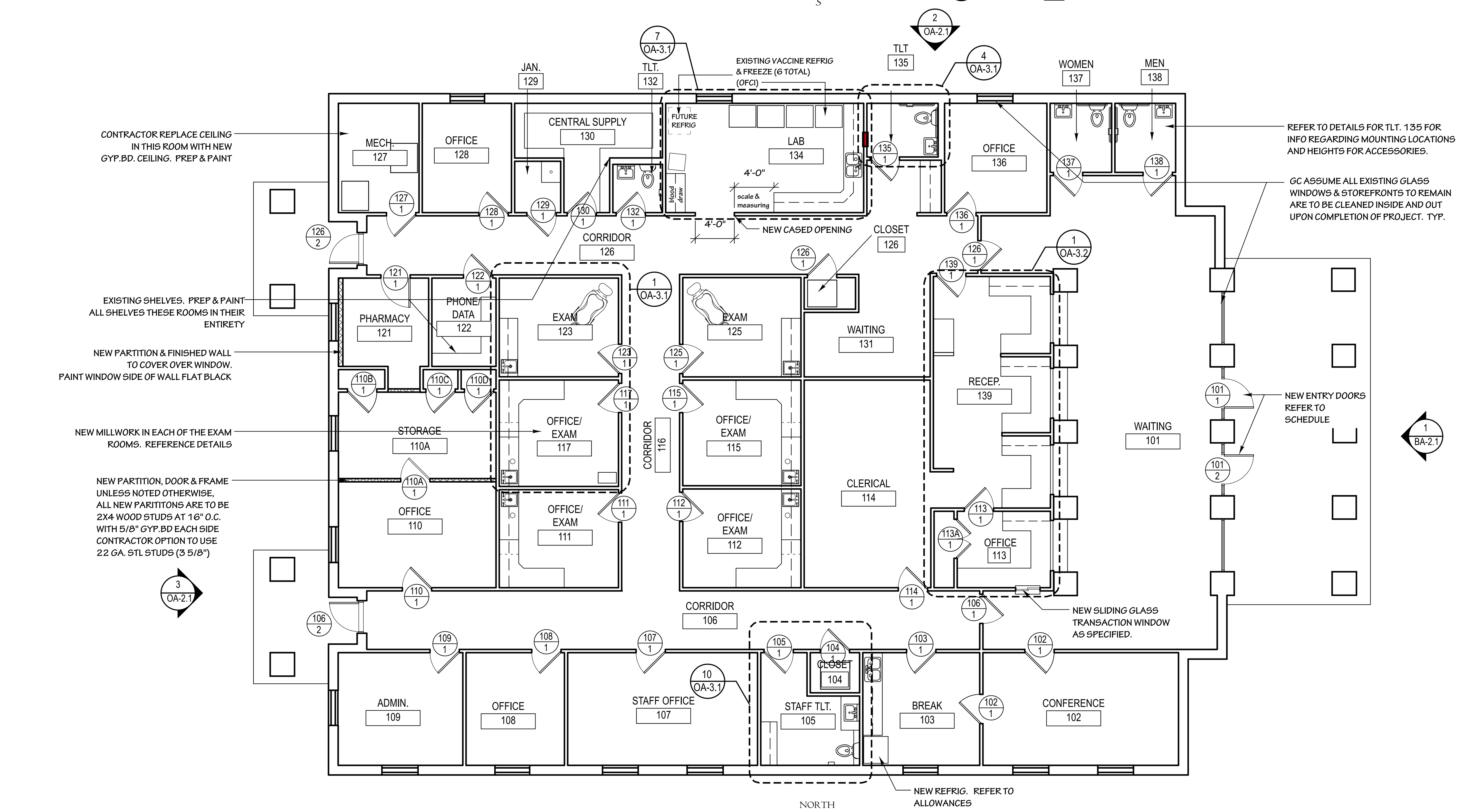
SHEET NO.
BP-3.1



1 EXISTING (DEMO.) FLOOR PLAN
SCALE: 1/8" = 1'-0"

LEGEND:

▮	NEW THRU-WALL SPECIMEN SAMPLE TRAY AS SPEC'D.
EXAM	ORIG. ROOM NAME FROM ORIG. ARCH. DRAWINGS
(VACCINES)	CURRENT USE OF ROOM SHOWN IN PARENTHESIS IF USE IS SIGNIFCANTLY DIFFERENT FROM ORIG. PLAN.
154	



2 PROPOSED NEW FLOOR PLAN
SCALE: 1/8" = 1'-0"

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REGISTERED ARCHITECT — REVIVAL ARCHITECTURE, INC. — LICENSE #C774 — STATE OF ARKANSAS

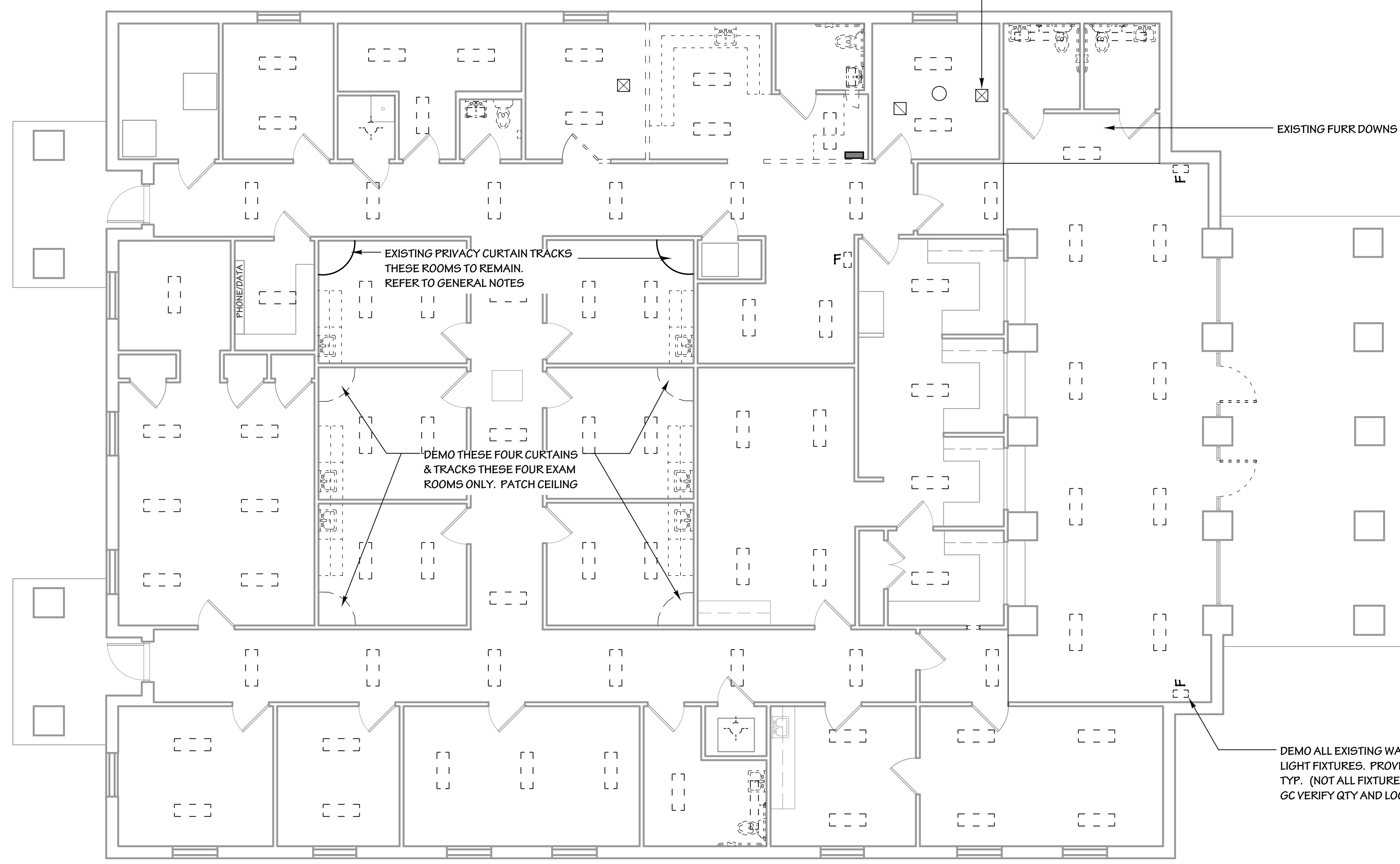
Project Name:
Mississippi County Health Units Osceola

Issue Date:
August 26, 2022
Revisions:
1 Re-Bid 10/28/22

Sheet Contents:
FLOOR PLANS

Sheet No:
OA-1.1

NOTE: EXISTING CEILING DEVICES SUCH AS SUPPLY & RETURN AIR, SPEAKERS, SMOKE DETECTORS, ETC... ARE NOT SHOWN. UNLESS NOTED OTHERWISE, THEY ARE TO REMAIN IN PLACE AND TO BE CLEANED ONLY (NOT PAINTED). REFERENCE MECH & ELEC. DRAWINGS FOR ADDITIONAL INFORMATION.



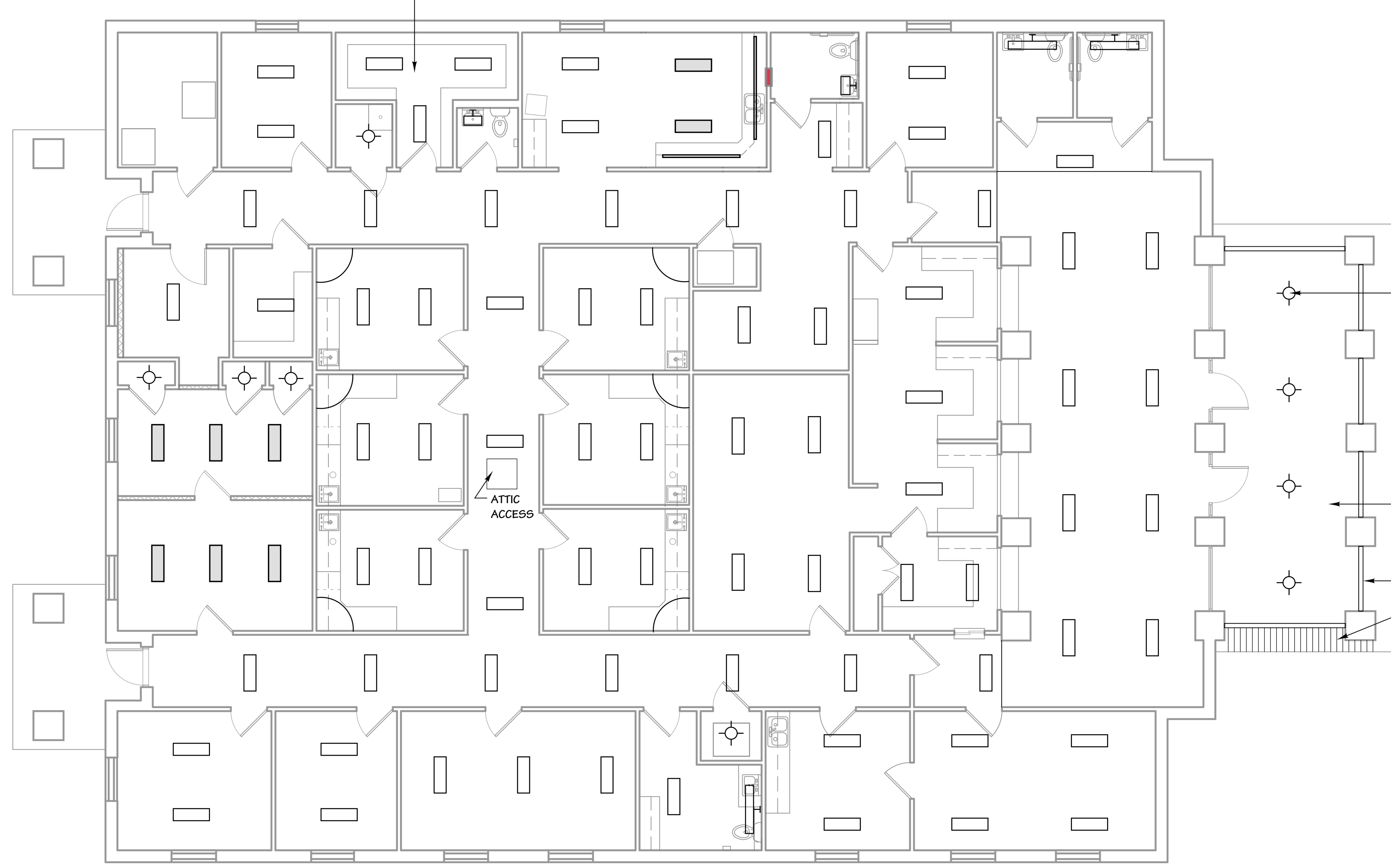
* DEMO EXISTING ATTIC LIGHT FIXTURES. PROVIDE NEW LED UTILITY LIGHTS IN THEIR PLACE CONTRACTOR VERIFY QTY. PRIOR TO BID.

1 EXISTING (DEMO.) RCP

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

NORTH

CEILING NEEDS TO BE REPAIRED.



2 PROPOSED NEW RCP

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

NORTH

GENERAL NOTES:

1.) IN GENERAL, ALL EXISTING LIGHT FIXTURES ARE TO BE REMOVED AND REPLACED WITH NEW LED FIXTURES AS SCHEDULED (REFER TO ELECTRICAL) IN THEIR PRESENT LOCATION. WHERE ROOMS ARE BEING RECONFIGURED, SOME CEILING FINISH WORK WILL BE NECESSARY SO AS TO ALIGN NEW FIXTURES WITHIN NEW SPACE. THIS INCLUDES SOME NEW CONDUIT, BACK BOXES, GYP.BD. WORK, PATCHING AND RE-FINISHING.

CONTRACTOR SHALL STUDY AND COORDINATE THE WORK SHOWN BETWEEN ARCHITECTURAL AND ELECTRICAL DRAWINGS IN ORDER TO FULLY UNDERSTAND THE SCOPE OF WORK NECESSARY TO ACCOMPLISH INTENT.

2.) EXISTING CEILING MOUNTED PRIVACY CURTAIN TRACKS IN THE EXAM ROOMS SHALL REMAIN. ONLY EXAM ROOMS 123 & 124 WILL HAVE EXAM TABLES AND WILL USE PRIVACY CURTAINS. INSTALL NEW "MODO-MED" ANTIMICROBIAL NEW SHADOW CUBE CURTAINS IN STANDARD COLOR TO BE SELECTED BY ARCHITECT (WWW.MODOMED.COM). PROVIDE SAMPLES,EXISTING CURTAIN TRACKS IN REMAINING EXAM ROOMS SHALL REMAIN AS-IS (NO WORK).

3.) SOME LIGHT FIXTURE LOCATIONS WILL CHANGE AS A RESULT OF MOVING OF PARTITIONS. CONTRACTOR SHALL DEMO BACK-BOXES AND PATCH SHEETROCK AND/OR INSTALL NEW BACK BOXES, NEW CONDUIT, AS NECESSARY, TO ACCOMMODATE. COORDINATE FINISH WORK WITH WORK SHOWN ON ELECTRICAL DRAWINGS.

4.) ALL CEILINGS ARE TO BE PAINTED NEW THROUGHOUT. SOME CEILINGS MAY HAVE TO BE PATCHED. MATCH TEXTURE. CONTRACTOR VERIFY FULL SCOPE. 4

LEGEND:

▭	NEW SURFACE MOUNTED FIXTURE (TYPE A) TO REPLACE EXISTING
▬	NEW SURFACE MOUNTED FIXTURE (TYPE A) IN NEW LOCATION. NOTE INTENTION TO ALIGN NEW FIXTURES WITH NEARBY EXISTING
⌖	NEW RECESSED CAN LIGHT (TYPE B) TO REPLACE EXISTING.
▯	NEW WALL SCONCE (TYPE C) TO REPLACE EXISTING.
▮	NEW WALL SCONCE (TYPE D) IN NEW LOCATION.
⊙	NEW PENDANT (TYPE E). NOT USED
•	NEW PENDANT (TYPE F). NOT USED
—	NEW U/C LIGHT (TYPE G).

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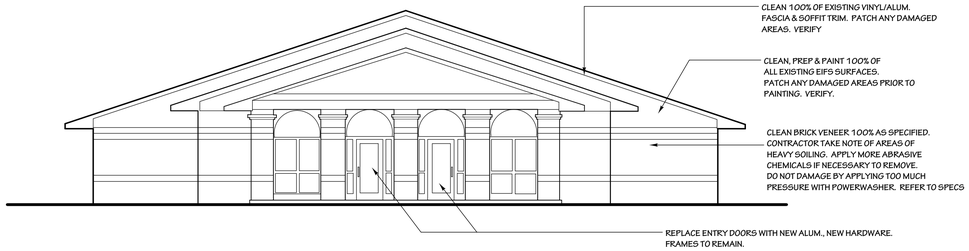
1 Re-Bid 10/28/22

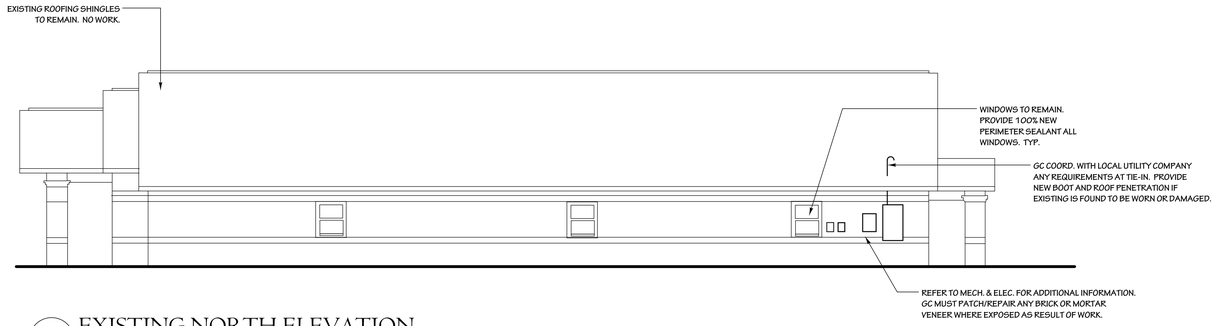
Sheet Contents:
REFLECTED CEILING PLANS

Sheet No:
OA-1.2



1 EXISTING EAST ELEVATION

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



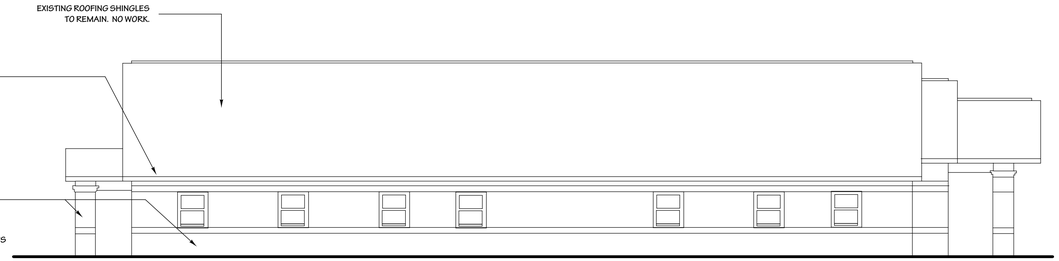
2 EXISTING NORTH ELEVATION

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

* GENERAL NOTE: CONTRACTOR PREP & PAINT ALL EXPOSED STEEL LINTELS AT WINDOW & DOOR OPENINGS (TYP.)

3 EXISTING WEST ELEVATION

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



4 EXISTING SOUTH ELEVATION

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

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REGISTERED ARCHITECT REVIVAL ARCHITECTURE LLC LICENSE #C774

Project Name:
Mississippi County Health Units
Osceola

Issue Date:
August 26, 2022

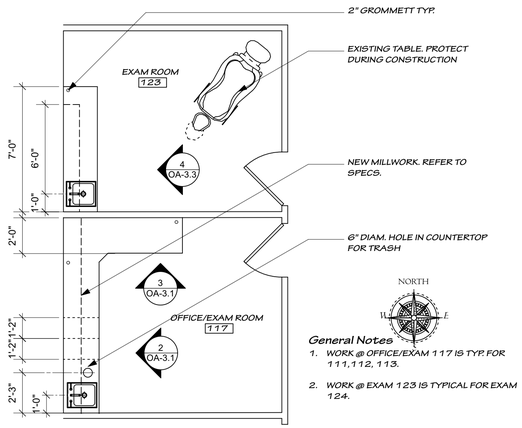
Revisions:
1 Re-Bid 10/28/22

Sheet Contents:
EXTERIOR ELEVATIONS

Sheet No:
OA-2.1

General Notes

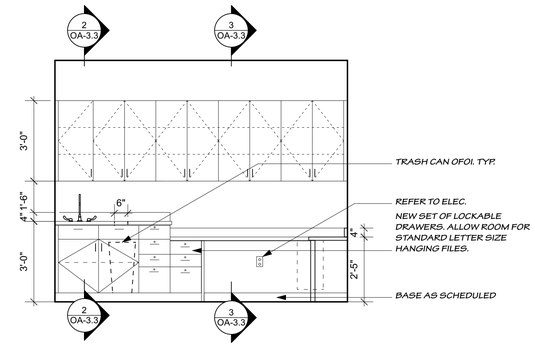
1. IN ALL INSTANCES FOR ELEC. OUTLETS: VERIFY EXISTING LOCATION AND MOVE TO DESIRED LOCATIONS DEPICTED IN THE DRAWINGS WHERE OUTLETS ARE INDICATED.



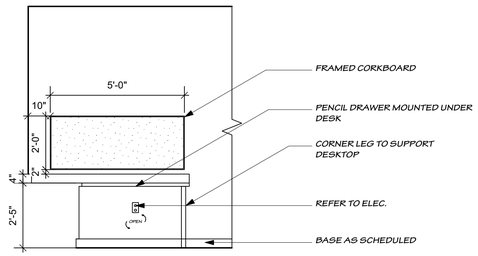
General Notes

1. WORK @ OFFICE/EXAM 117 IS TYP. FOR 111,112, 113.
2. WORK @ EXAM 123 IS TYPICAL FOR EXAM 124.

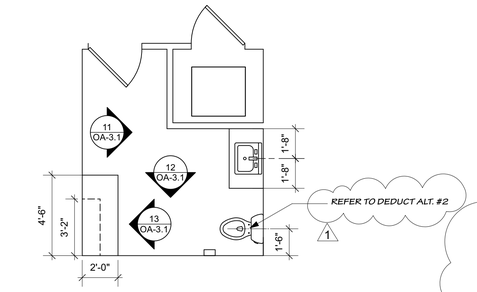
1 ENLARGED PLAN @ EXAMS 117 & 123
Scale: 1/4" = 1'-0"



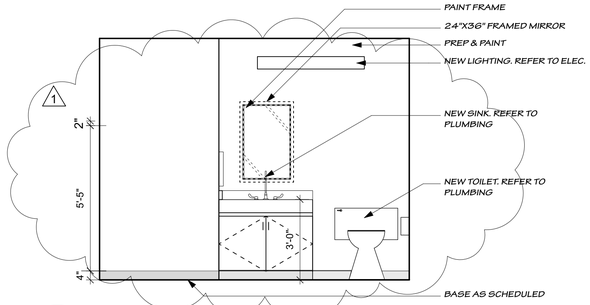
2 TYPICAL OFFICE/EXAM ROOM MILLWORK
Scale: 3/8" = 1'-0"



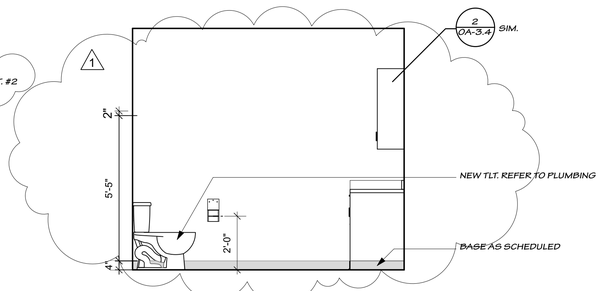
3 TYPICAL OFFICE/EXAM ROOM MILLWORK
Scale: 3/8" = 1'-0"



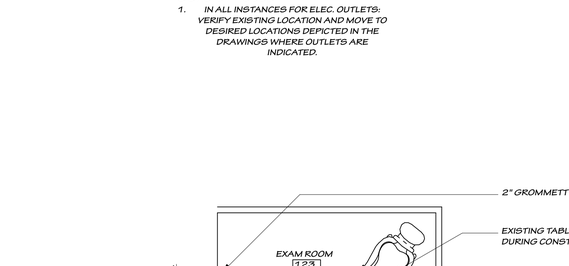
10 ENLARGED PLAN @ STAFF TLT. 105
Scale: 1/4" = 1'-0"



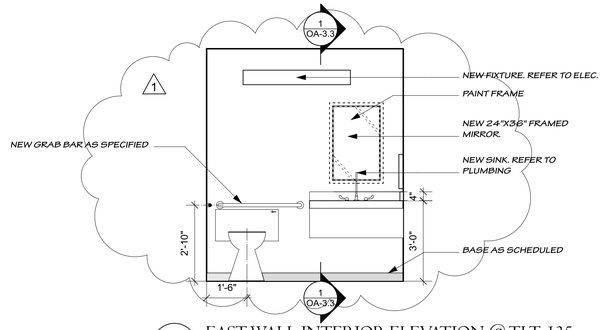
11 ELEVATION @ STAFF TLT. 105 FACING EAST
Scale: 3/8" = 1'-0"



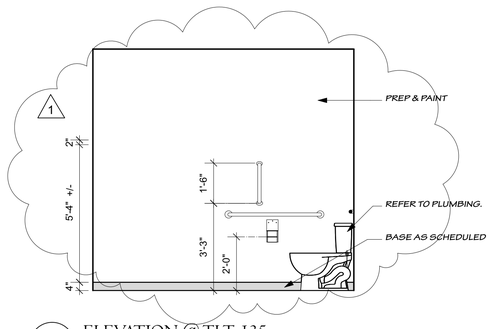
12 ELEVATION @ STAFF TLT. 105 FACING SOUTH
Scale: 3/8" = 1'-0"



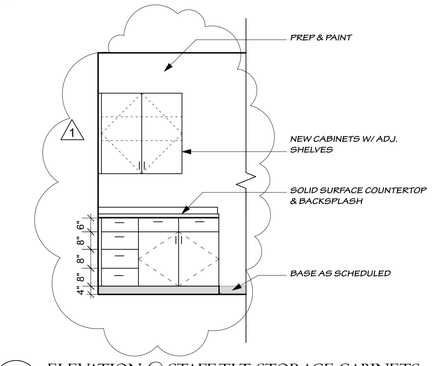
4 ENLARGED PLAN @ TLT. 135
Scale: 1/4" = 1'-0"



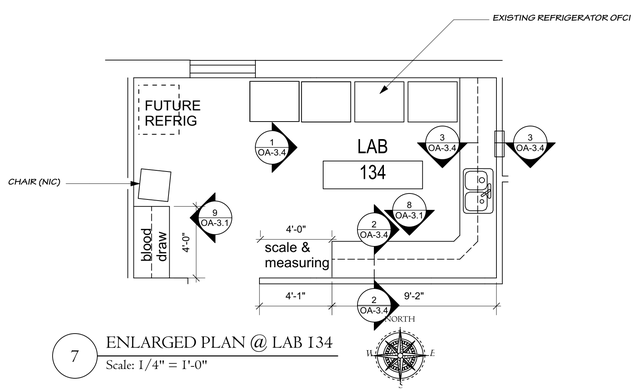
5 EAST WALL INTERIOR ELEVATION @ TLT. 135
Scale: 3/8" = 1'-0"



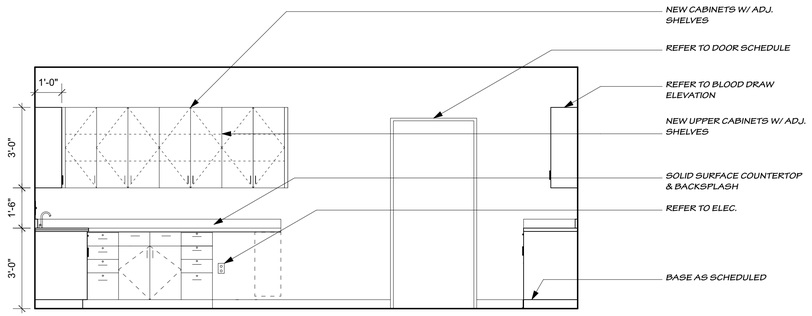
6 ELEVATION @ TLT. 135
Scale: 3/8" = 1'-0"



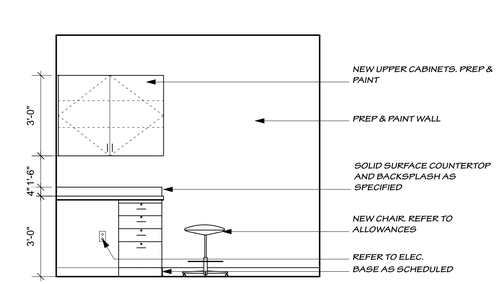
14 ELEVATION @ STAFF TLT. STORAGE CABINETS
Scale: 3/8" = 1'-0"



7 ENLARGED PLAN @ LAB 134
Scale: 1/4" = 1'-0"



8 EAST WALL INTERIOR ELEVATION @ LAB 134
Scale: 3/8" = 1'-0"



9 ELEVATION OF BLOOD DRAW CORNER FACING WEST
Scale: 3/8" = 1'-0"

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REGISTERED ARCHITECT STEVEN D. GRIFFIN LICENSE #C774 STATE OF ARKANSAS

Project Name:
Mississippi County Health Units
Osceola

Issue Date:
August 26, 2022
Revisions:
October 28, 2022
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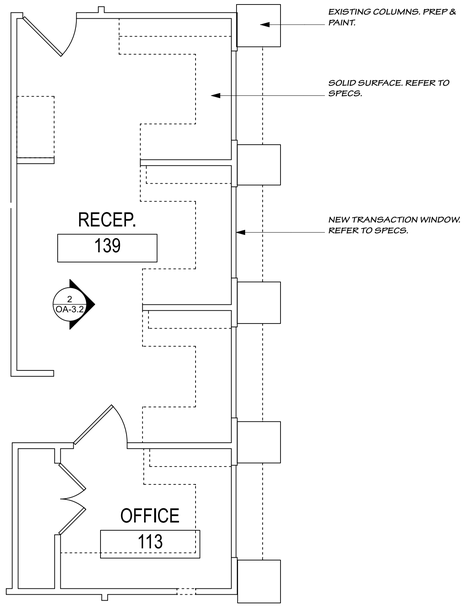
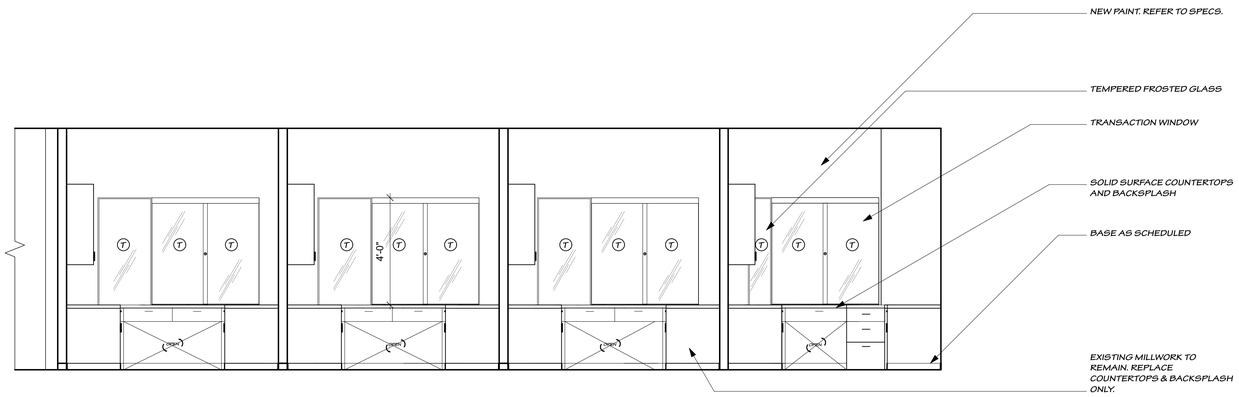
Sheet Contents:
ENLARGED FLOOR PLANS & INTERIOR ELEVATIONS

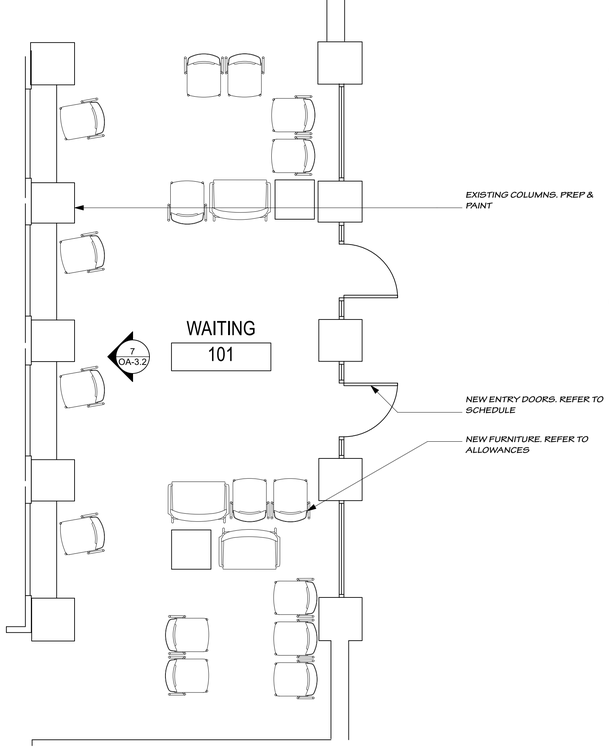
Sheet No:
OA-3.1



1 ENLARGED PLAN @ RECEPTION
Scale: 1/4"=1'-0"



2 ELEVATION @ RECEPTION FACING EAST
Scale: 3/8" = 1'-0"

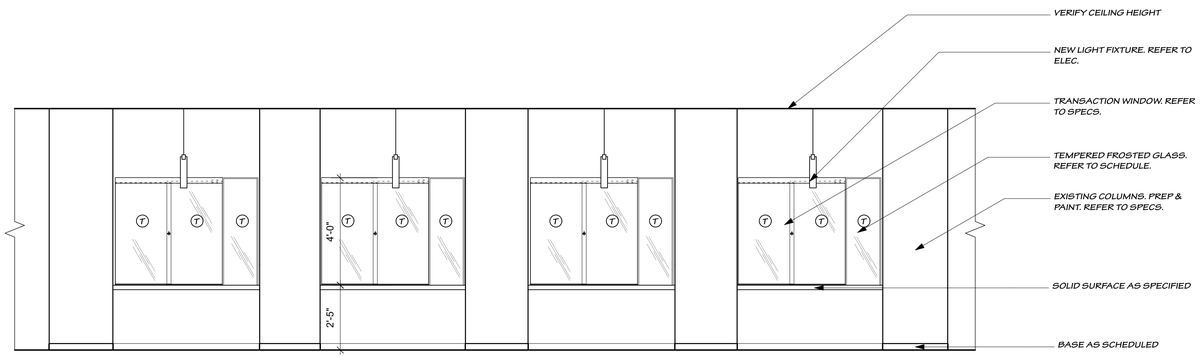


3 ENLARGED PLAN @ LOBBY
Scale: 1/4" = 1'-0"

4 NOT USED
Scale: 3/8" = 1'-0"

5 NOT USED
Scale: Actual Size

6 NOT USED
Scale: Actual Size



7 ELEVATION @ LOBBY FACING WEST WALL
Scale: 3/8" = 1'-0"

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REGISTERED ARCHITECT
REVIVAL ARCHITECTURE, PLLC
LICENSE #C074

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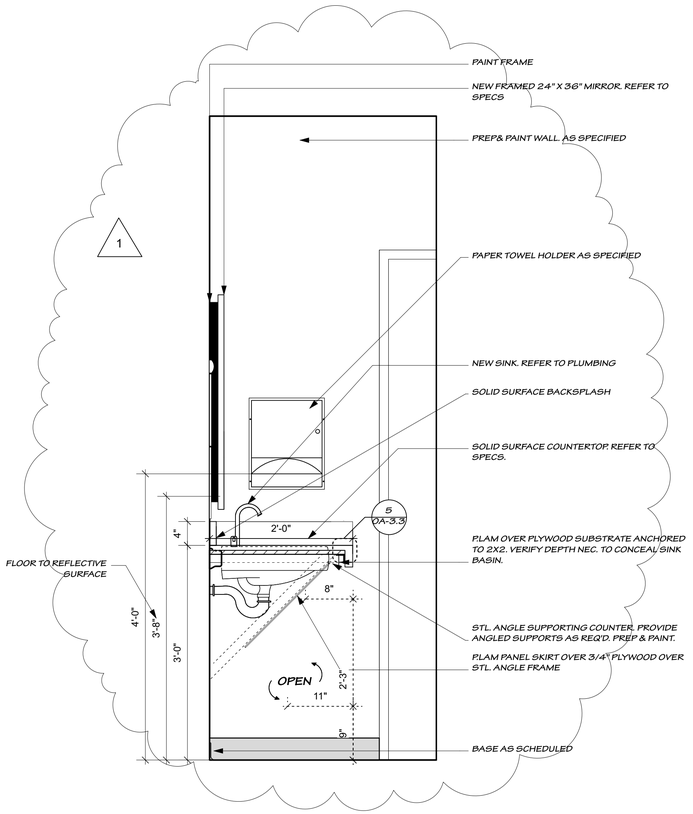
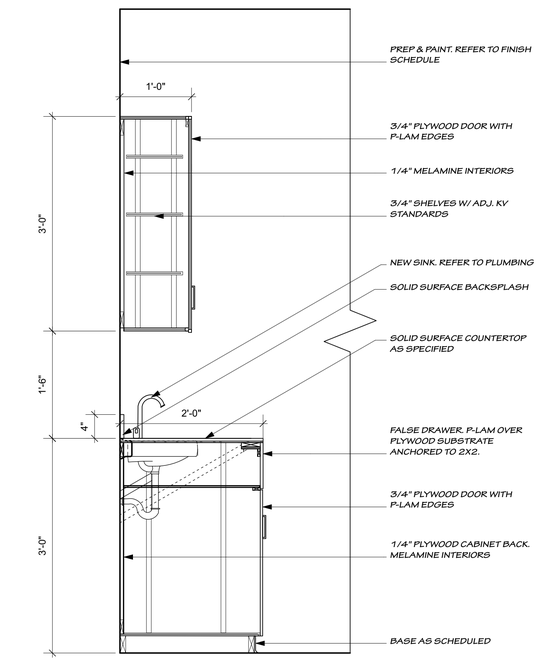
Sheet Contents:
ENLARGED FLOOR PLANS & INTERIOR ELEVATIONS

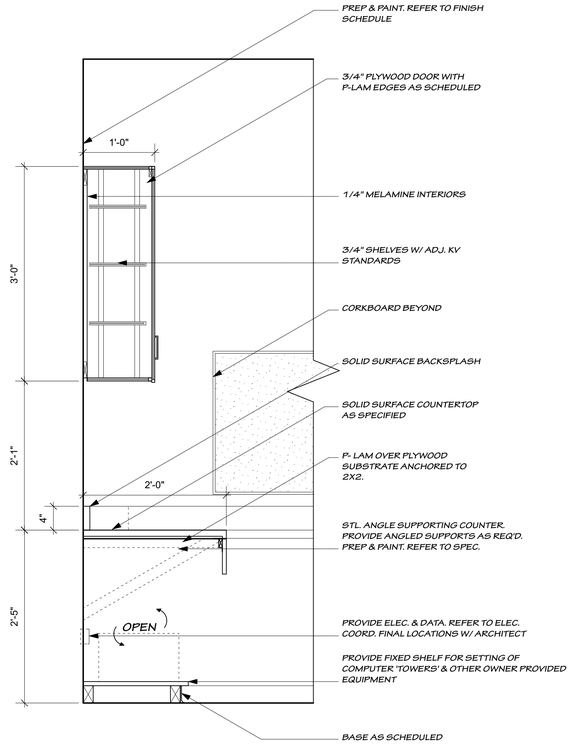
Sheet No:
OA-3.2



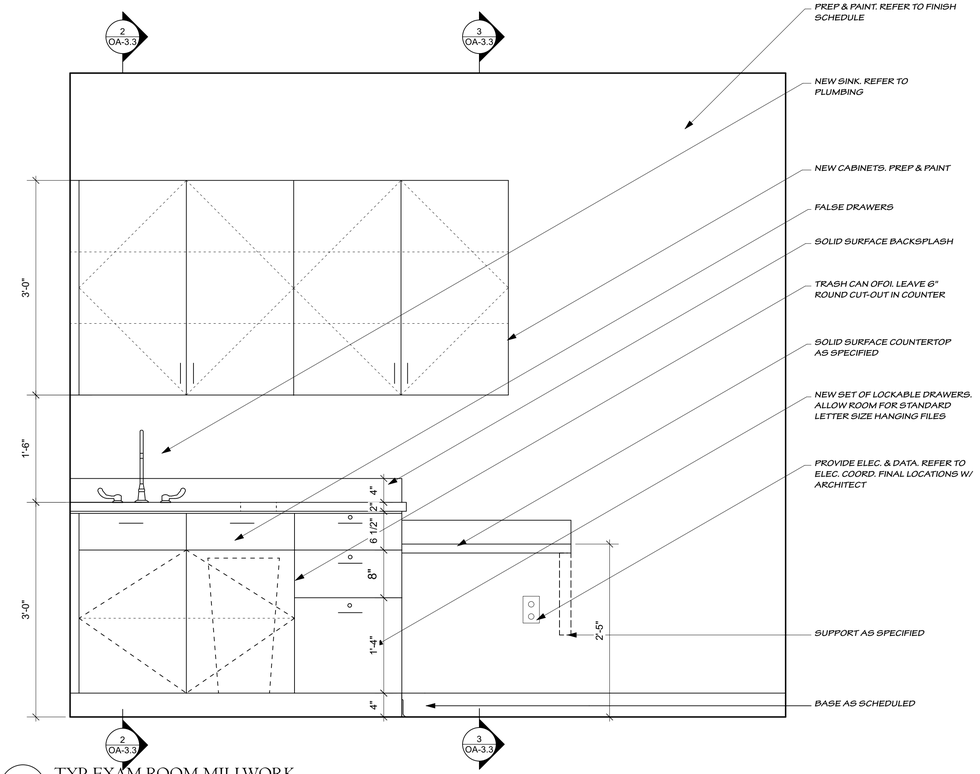
1 SECTION @ TLT. 135
Scale: 1" = 1'-0"



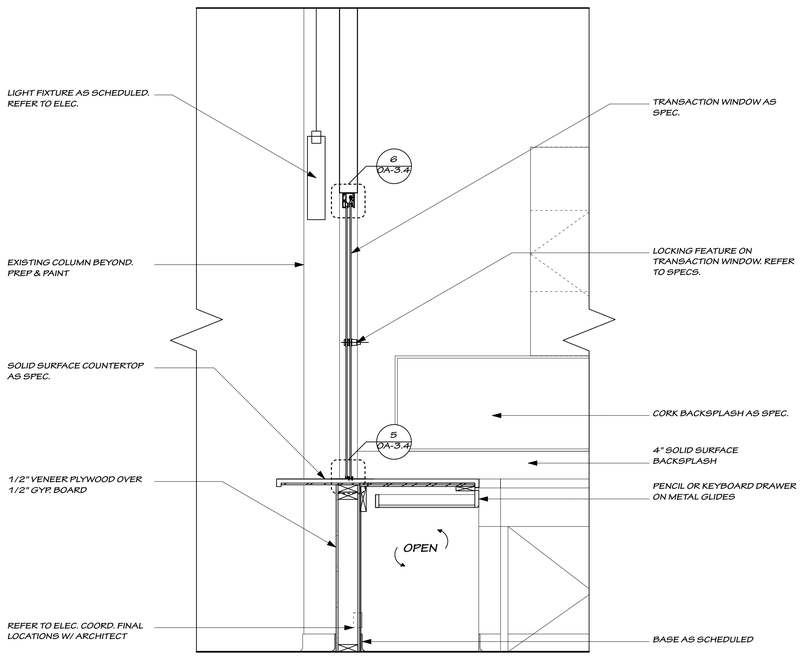
2 TYP. OFFICE/EXAM ROOM SINK MILLWORK
Scale: 1" = 1'-0"



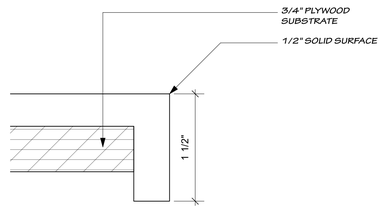
3 SECTION @ OFFICE/EXAM ROOM FACING NORTH
Scale: 1" = 1'-0"



4 TYP. EXAM ROOM MILLWORK
Scale: 1" = 1'-0"



7 SECTION @ TRANSACTION WINDOW
Scale: 1" = 1'-0"



5 DETAIL SECTION @ SOLID SURFACE NOSING
Scale: Actual Size

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REGISTERED ARCHITECT — REVIVAL ARCHITECTURE P.A. — LICENSE #C774 — STATE OF ARKANSAS

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Mississippi County Health Units
Osceola

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August 26, 2022
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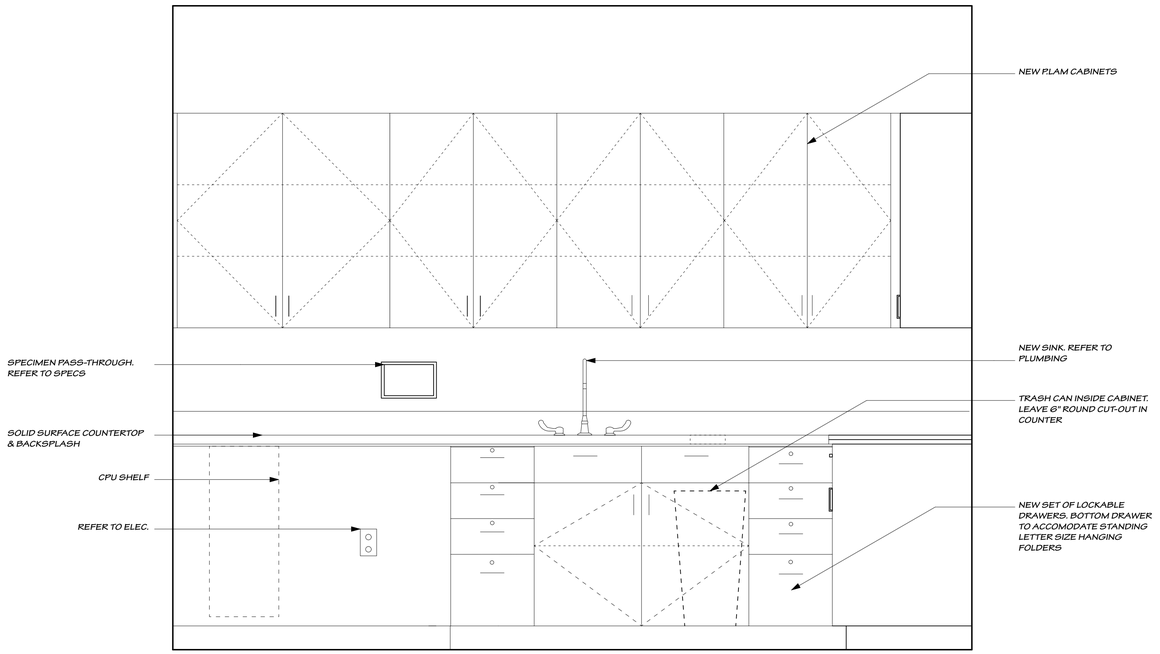
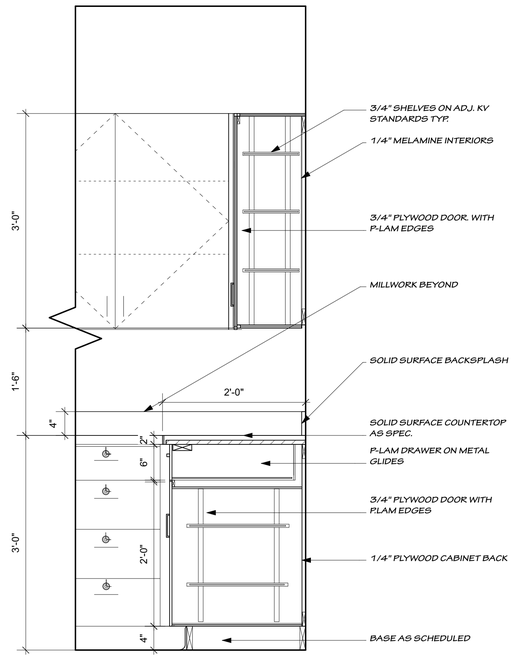
Sheet Contents:
MILLWORK DETAILS

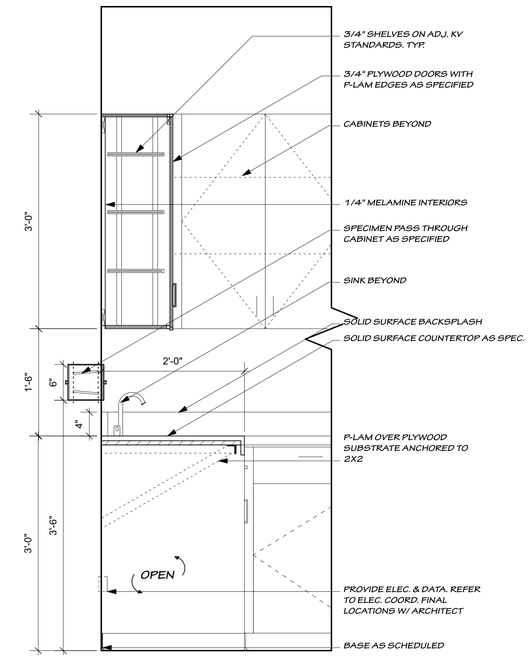
Sheet No:
OA-3.3



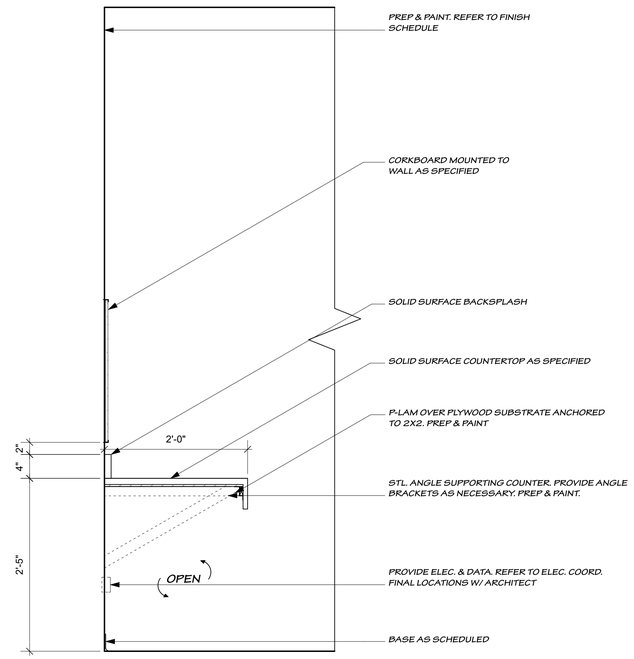
1 MILLWORK @ LAB FACING EAST
Scale: 1" = 1'-0"



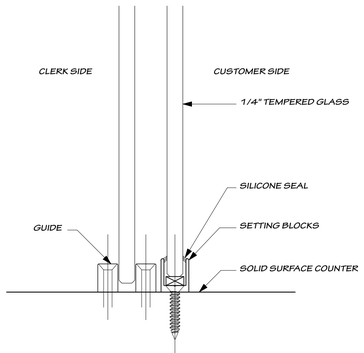
2 SECTION @ LAB FACING EAST
Scale: 1" = 1'-0"



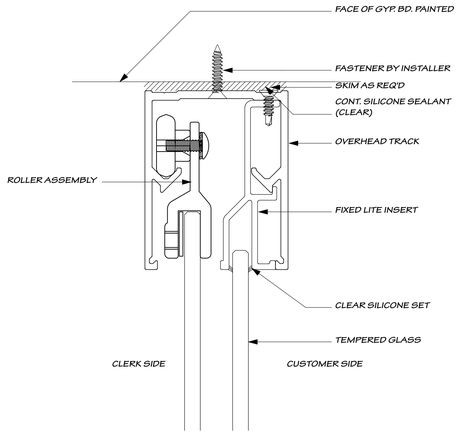
3 SECTION @ LAB WORK STATION FACING SOUTH
Scale: 1" = 1'-0"



4 TYP. MILLWORK @ WORK SURFACES
Scale: 1" = 1'-0"



5 DETAIL @ BASE OF TRANSACTION WINDOW
Scale: Actual Size



6 DETAIL @ TOP OF TRANSACTION WINDOW
Scale: Actual Size

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REGISTERED ARCHITECT REVIVAL ARCHITECTURE LICENSE #C774

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Osceola

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Sheet Contents:
MILLWORK DETAILS

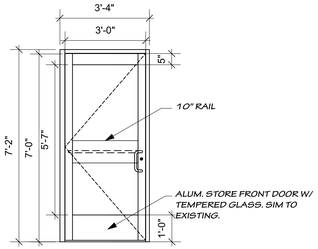
Sheet No:
OA-3.4

FINISH SCHEDULE

ROOM NUMBER	DESCRIPTION	CEILING	FLOOR	BASE	WALLS	NOTES
101	WAITING ROOM	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	NEW ENTRY DOOR. CLEAN INSIDE & OUTSIDE OF STOREFRONTS. 6
102	CONFERENCE ROOM	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	6. REFER TO FLOOR PLAN. CLEAN WINDOWS
103	BREAK ROOM	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	6. NEW REFRIG.OFCI. REFER TO ALLOWANCES. CLEAN WINDOWS
104	CLOSET	REFER TO CEILING PLAN	LVT	4" RUBBER	FRP	
105	STAFF TOILET	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	REFER TO INT. ELEVATION
106	CORRIDOR	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	
107	STAFF OFFICE	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	6. REFER TO FLOOR PLAN. CLEAN WINDOWS
108	OFFICE	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	6. REFER TO FLOOR PLAN. CLEAN WINDOWS
109	ADMIN.	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	6. REFER TO FLOOR PLAN. CLEAN WINDOWS
110	OFFICE	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	6. REFER TO FLOOR PLAN. CLEAN WINDOWS
111	OFFICE/EXAM	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	REFER TO INT. ELEVATION
112	OFFICE/EXAM	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	
113	OFFICE	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	NEW SLIDING GLASS WINDOW. OFCI. REFER TO SPEC & DETAIL
114	CLERICAL	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	
115	OFFICE/EXAM	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	REFER TO INT. ELEVATION
116	CORRIDOR	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	
117	OFFICE/EXAM	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	REFER TO INT. ELEVATION
121	PHARMACY	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	REFER TO FLOOR PLAN. CLEAN WINDOWS
122	PHONE/DATA	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	
123	EXAM	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	REFER TO INT. ELEVATION
124	EXAM	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	REFER TO INT. ELEVATION
125	CLOSET	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	
126	CORRIDOR	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	
127	MECHANICAL	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	REPLACE CEILING W/ NEW GYP. B.D. CEILING. PREP & PAINT.
128	OFFICE	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	6. REFER TO FLOOR PLAN. CLEAN WINDOWS
129	CLOSET	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	
130	CENTRAL SUPPLY	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	REFER TO FLOOR PLAN
131	WAITING ROOM	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	REFER TO FLOOR PLAN
132	HC TLT.	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	REFER TO INT. ELEVATION
133	LAB	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	REFER TO INT. ELEVATION . NEW CASED OPENING.
134	TOILET	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	REFER TO INT. ELEVATION
135	OFFICE	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	6. REFER TO INT. ELEVATION. CLEAN WINDOWS
136	WOMEN TOILET	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	REFER TO INT. ELEVATION
137	MENS TOILET	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	REFER TO INT. ELEVATION
138	RECEPTION	REFER TO CEILING PLAN	LVT	4" RUBBER	PAINT	REFER TO INT. ELEVATION

DOOR SCHEDULE

DOOR NUMBER	LOCATION	DOOR	DOOR ELEVATION	SIZE (WIDTH X HEIGHT)	CONSTRUCTION	FIRE RATING	FRAME	FRAME TYPE	HARDWARE	NOTES
101/1	WAITING 101	N	A	3'-0" X 7'-0"	AL		E	AL	1	1
101/2	WAITING 101	N	A	3'-0" X 7'-0"	AL		E	AL	1	1
102/1	CONFERENCE 102	E					E			2
102/2	CONFERENCE 102	E					E			2
103/1	BREAK 103	E					E			2
104/1	CLOSET 104	E					E			2
105/1	STAFF TOILET 105	E					E			2
106/1	CORRIDOR 106	E					E			2;4
106/2	CORRIDOR 106	E					E			2
107/1	STAFF OFFICE 107	E					E			2
108/1	OFFICE 108	E					E			2
109/1	ADMINISTRATION 109	E					E			2
110/1	OFFICE 110	E					E			2
110A/1	STORAGE 110A	N	C	3'-0" X 7'-0"	SCW		N	HM	3	5
110B/1	CLOSET 110B	E					E			2
110C/1	CLOSET 110C	E					E			2
110D/1	CLOSET 110D	E					E			2
111/1	OFFICE/EXAM 111	E					E			2
112/1	OFFICE/EXAM 112	E					E			2
113/1	OFFICE 113	E					E			2
113A/1	CLOSET 113A	E					E			2
114/1	CLERICAL 114	E					E			2
115/1	OFFICE/EXAM 115	E					E			2
116/1	CORRIDOR 116	E					E			2
117/1	OFFICE/EXAM 117	E					E			2
121/1	PHARMACY 121	E					E		3	3
122/1	PHONE/DATA 122	E					E			2
123/1	EXAM 123	E					E			2
125/1	EXAM 125	E					E			2
126/1	CORRIDOR 126	E					E			2
126/2	CORRIDOR 126	E					E			2;4
126/3	CLOSET 126	E					E			2
127/1	MECHANICAL 127	E					E			2
128/1	OFFICE 128	E					E			2
129/1	CLOSET 129	E					E			2
130/1	CENTRAL SUPPLY 130	E					E			2
131/1	WAITING 131	E					E			2
132/1	H.C. TOILET 132	E					E			
134/1	LAB 134	NONE		4'-0" X 7'-0"			NONE		N/A	
135/1	TLT. 135	E					E			
136/1	OFFICE 136	E					E			2
137/1	WOMENS TOILET 137	E					E			2
138/1	MENS TOILET 138	E					E			2
139/1	RECEPTION 139	E					E			2



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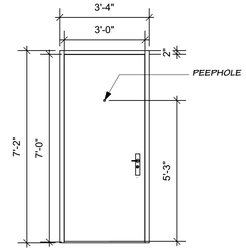

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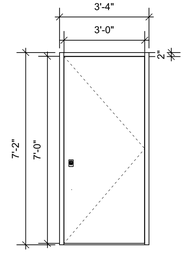

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GENERAL NOTES

1. COORDINATE DOOR & HARDWARE W/ EXISTING FRAME. MAKE NECESSARY REPAIRS OR ADJUSTMENTS TO FRAME AS MAY BE REQ'D TO ACCOM. NEW DOOR. PROVIDE NEW WEATHER STRIPPING.
2. EXISTING DOOR TO REMAIN. CLEAN THOROUGHLY. ADJUST OR TIGHTEN EXISTING HARDWARE FOR BEST FUNCTION.
3. PROVIDE NEW HARDWARE. DRILL/PATCH EXISTING DOOR AS REQ'D.
4. REPLACE HARDWARE W/ NEW SIM. TO EXISTING. PROVIDE NEW WEATHERSTRIPPING. ADD PEEPHOLE.
5. FOR NEW DOOR & FRAME; PROVIDE NEW LOCKSET & BUTT HINGES TO MATCH THOSE EXISTING ELSEWHERE.
6. APPLY ROLLER SHADES TO ALL WINDOWS. WITH THE EXCEPTION OF GLASS BLOCK WINDOWS.

HARDWARE NOTES

1. HARDWARE 1 - ENTRY DOORS W/ HANDLE AND LOCK. PUSH BAR ON INTERIOR SIDE. SIM. TO EXISTING
2. HARDWARE 2 - EXT. METAL HANDLE W/ LOCK
3. HARDWARE 3 - PROVIDE NEW LOCKSET
4. HARDWARE 4 - METAL HANDLE FOR INT. DOOR WITH BATHROOM PRIVACY LOCK
5. HARDWARE 5 - STANDARD METAL HANDLE FOR INT. DOOR

ABBREVIATIONS

AL - ALUMINUM
HM - HOLLOW METAL
SCW - SOLID CORE WOOD
E - EXISTING
N - NEW
T - TEMPERED
EQ - EQUAL
SIM - SIMILAR

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P.O. Box 400, Scott, Arkansas 72142
(501) 951-3316 www.revivalarch.com
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REGISTERED ARCHITECT REVIVAL ARCHITECTURE LLC LICENSE #C774

Project Name:
Mississippi County Health Units
Osceola

Issue Date:
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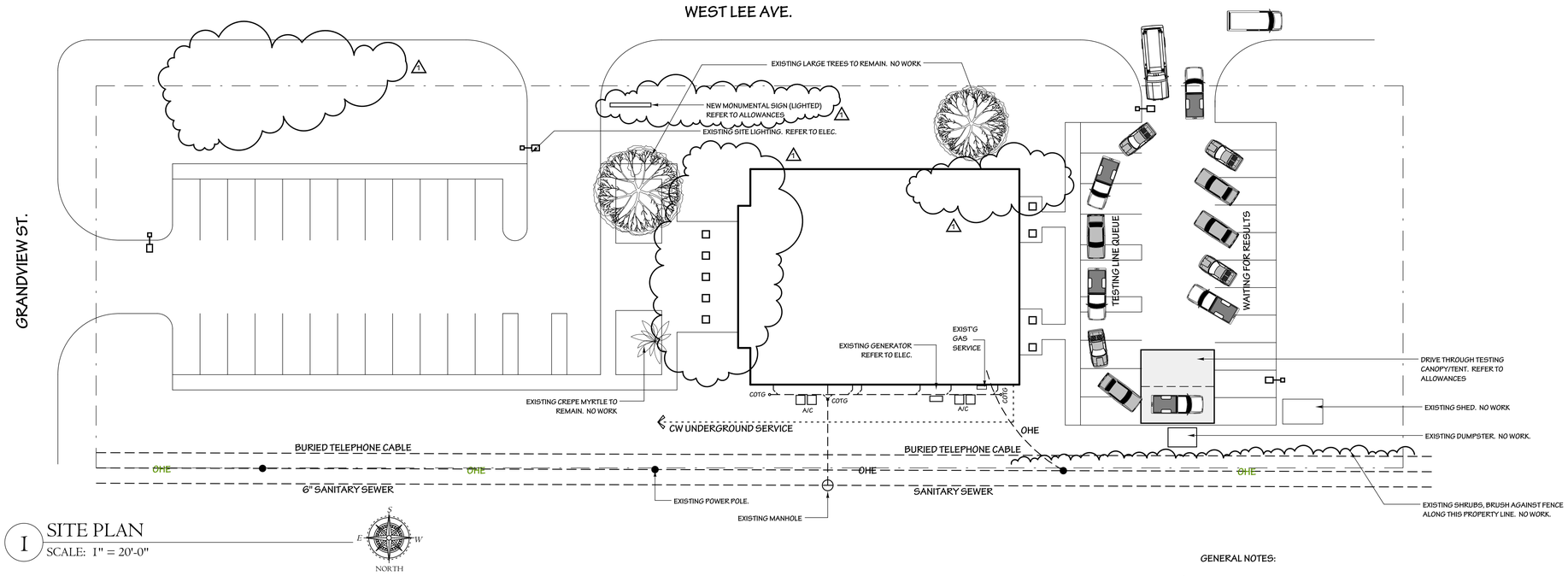
Revisions:
October 28, 2022
1

Sheet Contents:
SCHEDULES

Sheet No:
OA-4.1



I SITE PLAN
SCALE: 1" = 20'-0"

GENERAL NOTES:

1.) THIS SITE PLAN SHALL NOT BE CONSIDERED A LEGAL SURVEY. IT HAS BEEN DRAWN BASED ON PRE-EXISTING INFORMATION FROM THE ORIGINAL ARCHITECTURAL DRAWINGS & CONFIRMED, ROUGHLY, BY STUDY OF RECENT PHOTOGRAPHS. THE CONTRACTOR SHALL VERIFY ALL INFORMATION PERTITENT TO THE WORK, INCLUDING LOCATING PRESENCE OF UTILTIES AND THEIR ACTUAL LOCATION AND SIZE.

2.) CONTRACTOR IS RESPONSIBLE FOR CONTACTING UTILITIES SHOULD WORK REQUIRE NEW SERVICE LINES OR ALTERATIONS.

3.)

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P.O. Box 400, Scott, Arkansas 72142
(501) 951-3316 www.revivalarch.com SDAG

REGISTERED ARCHITECT REVIVAL ARCHITECTURE LICENSE #C776

Project Name:
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Osceola

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Revisions:
1 Re-Bid 10/28/22

Sheet Contents:
SITE PLAN

Sheet No:
OC-I.1

ALTERNATES

THE CONTRACTOR SHALL PRICE THE FOLLOWING ITEMS AS DEDUCTIVE ALTERNATE TO THE DRAWINGS.

1. EXISTING HVAC UNITS TO REMAIN.
2. AN ALTERNATE LIGHTING PACKAGE AS APPROVED BY THE ARCHITECT.
3. ALUMINUM WIRES FOR WIRE SIZE 1/0 AND LARGER. DRAWINGS ARE SIZED FOR COPPER, CONTRACTOR TO SIZE ALUMINUM PER NEC.
4. MC CABLE IN LIEU OF EMT THROUGHOUT THE INTERIOR OF THE BUILDING.

GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL INSTALLATION WITH THE WORK OF OTHER TRADES. FIELD MODIFICATIONS NEEDED DUE TO OBSTRUCTIONS OR INTERFERENCES SHALL BE PROVIDED AT NO ADDITIONAL COST.
2. ALL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER WITHIN STANDARD OF CARE FOR PROFESSION. ALL LABOR, MATERIAL, TOOLS, PERMITS, INSPECTIONS, TESTING, CERTIFICATION, ETC. REQUIRED FOR A COMPLETE AND SATISFACTORY INSTALLATION TO DESIGN INTENT SHALL BE FURNISHED BY CONTRACTOR. PROVIDE, AT NO ADDITIONAL COST, INCLUDING INCIDENTAL ITEMS NOT SHOWN WHEN REQUIRED FOR TYPICAL COMPLETION OF WORK.
3. DRAWINGS NOT BEARING THE STAMP OR SEAL AND SIGNATURE OF A REGISTERED PROFESSIONAL ENGINEER SHALL NOT BE USED FOR BIDDING OR CONSTRUCTION PURPOSES UNLESS EXPRESSLY APPROVED IN WRITING BY THE ARCHITECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL DRAWINGS AND SPECIFICATIONS BEING USED FOR BIDDING AND CONSTRUCTION PURPOSES ARE OF THE LATEST REVISION AVAILABLE AND ALL ADDENDUM DOCUMENTS HAVE BEEN INCORPORATED EITHER BY REVISION RELEASE OF DRAWINGS/SPECIFICATIONS OR ATTACHMENT OF SKETCHES OR OTHER ADDENDUM INFORMATION.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW PRODUCTS OF ESTABLISHED AND REPUTABLE MANUFACTURERS. NO EQUIPMENT SUBSTITUTIONS SHALL BE MADE THAT WOULD LEAVE INADEQUATE OPERATING OR SERVICE SPACE. EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES AND IN AN ARRANGEMENT THAT WILL GIVE THE GREATEST PRACTICAL EASE OF OPERATION AND SERVICE TO THE OWNER.
5. ALL EQUIPMENT WHICH IS INDICATED TO BE FURNISHED AND/OR INSTALLED BY OTHERS OR BY OWNER IS INCLUDED FOR REFERENCE ONLY UNLESS NOTED OTHERWISE. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND VERIFYING INSTALLATION REQUIREMENTS OF THIS EQUIPMENT WITH THE APPLICABLE SUPPLIER OR THE OWNER. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
6. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE CODES AND REGULATIONS INCLUDING BUT NOT LIMITED TO NATIONAL, CITY, STATE, LOCAL ORDINANCES, AND UTILITY COMPANY REGULATIONS. ALL PLUMBING MATERIALS, INSTALLATION PROCEDURES, AND SYSTEM LAYOUTS SHALL BE APPROVED BY ALL APPLICABLE AUTHORITIES HAVING JURISDICTION. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THESE RULES, REGULATIONS, AND ORDINANCES. THESE CODES REPRESENT THE MINIMUM ACCEPTABLE REQUIREMENTS, THEREFORE, WHERE DRAWINGS AND/OR SPECIFICATIONS INDICATE MATERIALS OR CONSTRUCTION MORE STRINGENT THAT CODE REQUIREMENTS, THE DRAWINGS AND/OR SPECIFICATIONS SHALL GOVERN.
7. IF COMPLIANCE WITH STANDARDS, CODES, REGULATIONS AND CONTRACT DOCUMENTS ESTABLISH DIFFERENT OR CONFLICTING REQUIREMENTS FOR MINIMUM QUANTITIES OR QUALITY LEVELS, REFER CONFLICTING REQUIREMENTS TO ENGINEER FOR A DECISION BEFORE PROCEEDING.
8. WHERE CONTRACT DOCUMENTS NAME A SINGLE MANUFACTURER AND PRODUCT, PROVIDE THE NAMED PRODUCT THAT COMPLIES WITH REQUIREMENTS. COMPARABLE PRODUCTS OR SUBSTITUTIONS FOR CONTRACTOR'S CONVENIENCE WILL NOT BE CONSIDERED.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS INCURRED BY ANY SERVING UTILITY, MUNICIPAL AUTHORITY, AND/OR OWNER FOR THE RELOCATION, REMOVAL, AND INSTALLATION OF TEMPORARY OR NEW SERVICES.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND PROVIDING THE EXACT SERVICE EQUIPMENT AND INSTALLATION METHODS WITH THE SERVING UTILITY, MUNICIPAL AUTHORITY, AND/OR OWNER PRIOR TO BIDDING. FAILURE TO DO SO WILL NOT CONSTITUTE SUFFICIENT GROUNDS FOR AN AUTHORIZED CHANGE ORDER TO THE PROJECT.
11. CLOSEOUT SUBMITTALS SHALL INCLUDE, BUT NOT LIMITED TO, OPERATION AND MAINTENANCE MANUALS AND RECORD DRAWINGS.
12. THE CONTRACTOR SHALL VISIT THE SITE OF THE BUILDING BEFORE SUBMITTING A PROPOSAL ON THIS WORK AND SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS AND OPERATIONS. FAILURE ON HIS PART TO DO THIS WILL NOT BE CAUSE OF EXTRAS AFTER THE CONTRACT IS SIGNED, BY REASON OF UNFORESEEN CONDITIONS.
13. NO PERSON SHALL PERFORM ELECTRICAL WORK ON THE CONTRACT WITHOUT POSSESSING A MASTER'S OR JOURNEYMAN'S LICENSE FROM THE STATE ELECTRICAL EXAMINERS BOARD. ALL ELECTRICAL WORK AND APPRENTICE ELECTRICIANS SHALL BE SUPERVISED BY A MASTER JOURNEYMAN ELECTRICIAN ON A ONE TO ONE RATIO.
14. PREPARE AND SUBMIT SUBMITTALS TO ARCHITECT.
15. ALL AREAS USED AS RETURN AIR PLENUMS SHALL BE CONSTRUCTED WITH FIRE RESISTANT MATERIALS AND SHALL ONLY CONTAIN MATERIALS WHICH HAVE SMOKE DEVELOPED RATINGS NOT GREATER THAN 50 AND FLAME SPREAD RATINGS NOT GREATER THAN 25.
16. ALL ELECTRICAL EQUIPMENT, SUCH AS SWITCHES, CIRCUIT BREAKERS, ETC. SHALL BE TESTED BY OPERATING THE DEVICE TO VERIFY THAT THE MECHANICAL PORTIONS OF THE DEVICE ARE FUNCTIONING.
17. THE CONTRACTOR SHALL ASSIST ALL OTHER TRADES IN PERFORMING ROTATIONAL TESTS ON ALL MOTORS PROVIDED UNDER THIS CONTRACT.

LEGEND

Symbol	Description
A	WALL MOUNT STRIP LIGHT.
A	WALL PACK LIGHT FIXTURE.
D	RECESSED DOWN LIGHT.
	2X4 LED TROFFER.
EL	2X4 LED TROFFER ON EMERGENCY POWER.
A	2X2 LED TROFFER.
A EL	2X2 LED TROFFER ON EMERGENCY POWER.
A	4' LED STRIP
	WALL LIGHT RECESSING LIGHTING
$ $D $3 $4	SINGLE POLE SWITCH. "D" DENOTES DIMMER, "3" 3-WAY, "4" - 4 WAY. COORDINATE WITH FIXTURE/LAMP TYPE AND CIRCUIT WATTAGE.
$OS	WALL MOUNTED DUAL TECH. MOTION SENSOR SWITCH WIRE PER MANUFACTURERS RECOMMENDATION. PROVIDE CONTACTORS TO CONTROL EXHAUST FAN WITH LIGHTS WHERE REQUIRED.
$M	MOTOR RATED SWITCH USED FOR EQUIPMENT DISCONNECTING MEANS. SINGLE PHASE: PROVIDE MANUAL MOTOR STARTER WITH THERMAL OVERLOAD RELAYS SIZED PER MOTOR LOAD.
	BRANCH CIRCUIT HOMERUN. PANEL AND CIRCUIT NUMBER INDICATED.
OS	CEILING MOUNTED DUAL TECH. OCCUPANCY SENSOR EQUAL TO WATTSTOPPER 2000 SQ FT. PROVIDE AND INSTALL POWER PACKS AS REQUIRED. COORDINATE SWITCHING, LOCATION AND QUANTITY WITH ACTUAL OCCUPANCY SENSOR USED. WIRE PER MANUFACTURERS RECOMMENDATION.
OS	WALL MOUNTED DUAL TECH. OCCUPANCY SENSOR. EQUAL TO WATTSTOPPER 2000 SQ FT. PROVIDE AND INSTALL POWER PACKS AS REQUIRED. COORDINATE SWITCHING, LOCATION AND QUANTITY WITH ACTUAL OCCUPANCY SENSOR USED. WIRE PER MANUFACTURERS RECOMMENDATION.
A	EXIT SIGN/COMBINATION EXIT/EMERGENCY LIGHT
A	EXIT SIGN/COMBINATION EXIT/EMERGENCY LIGHT (WITH DIRECTIONAL ARROWS).
A	EXIT SIGN/COMBINATION EXIT/EMERGENCY LIGHT (WITH STROBES).
A	WALL MOUNTED EXIT SIGN/COMBINATION EXIT/EMERGENCY LIGHT.
	COMBINATION TELEPHONE/DATA: REQUIRES 4" SQUARE OUTLET BOX, APPROPRIATE PLASTER RING, AND 1" C. STUBBED TO AN ACCESSIBLE LOCATION ABOVE A REMOVABLE CEILING TILE. NUMBER DENOTES THE NUMBER OF TELEPHONE PORTS/CABLES TO BE PROVIDED. MINIMUM OF TWO CABLES AT EACH LOCATION IS REQUIRED UNLESS OTHERWISE NOTED. MOUNT 18" AFF UNLESS OTHERWISE NOTED.
	FUSED/NON-FUSED DISCONNECT-FUSE ALL EQUIPMENT PER MANUFACTURER RECOMMENDATION FOR THE ACTUAL EQUIPMENT FURNISHED. MOUNT DISCONNECT FOR HVAC CONDENSER UNITS WITH TOP OF SWITCH AT 36" A.F.F.
J	JUNCTION BOX. VERIFY MOUNTING HEIGHT WITH MILLWORK DETAILS AND/OR THE OWNER'S REPRESENTATIVE. AT EQUIPMENT LOCATIONS VERIFY THE EXACT LOCATION WITH THE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
	DUPLEX RECEPTACLE. MOUNT 18" AFF UNLESS OTHERWISE NOTED.
	QUADRUPLEX RECEPTACLE. MOUNT 18" AFF UNLESS OTHERWISE NOTED.
	DUPLEX RECEPTACLE GROUND FAULT TYPE.
	QUADRUPLEX RECEPTACLE GROUND FAULT TYPE.
	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER.
	QUADRUPLEX RECEPTACLE MOUNTED ABOVE COUNTER.
	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER.
	QUADRUPLEX RECEPTACLE MOUNTED ABOVE COUNTER.
	EMERGENCY RECEPTACLE.
	SPECIAL RECEPTACLE AS NOTED ON THE PLANS.
	ELECTRICAL PANEL.
TB	TELEPHONE TERMINAL BOARD
	REVISION DELTA.

SUBSCRIPTS:

GFI = GROUND FAULT CIRCUIT INTERRUPTER.
WP = WEATHER RESISTANT RECEPTACLES ARE "GFI", WITH METAL WEATHER RESISTANT "WHILE-IN-USE" COVERS.
EC = ELECTRICAL CONTRACTOR
AFF = ABOVE FINISHED FLOOR
AFG = ABOVE FINISHED GRADE
NTS = NOT TO SCALE

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P.O. Box 400, Scott, Arkansas 72142
(501) 951-3316
www.revivalarch.com
S.D.G.

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER MICHAEL PRESTON HARDY NO. 5822
8/26/22

Insight ENGINEERING

CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

PROJECT NAME:
Mississippi County Health Units
Osceola

ISSUE DATE:
August 26, 2022
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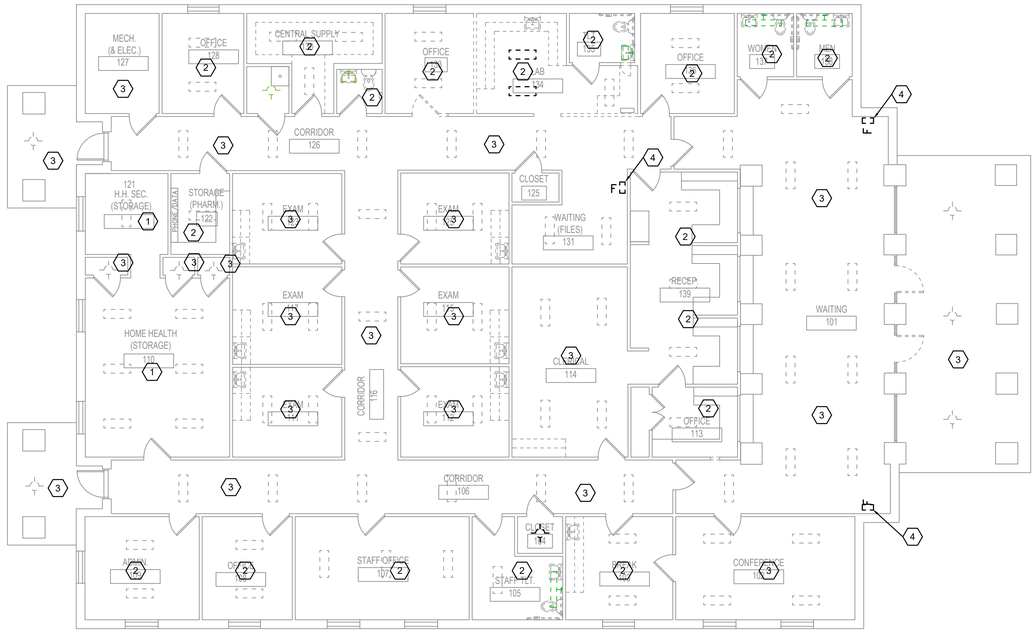
Sheet Contents:
ELECTRICAL GENERAL NOTES AND LEGEND

Sheet No:
OE-1.0

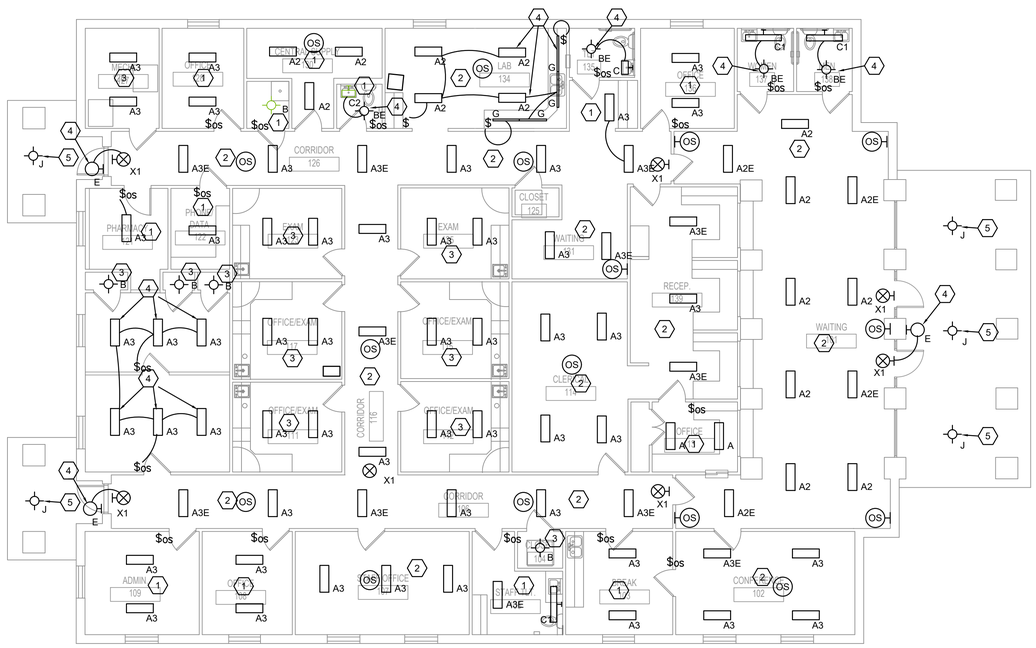


1 FLOOR PLAN - LIGHTING DEMOLITION

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

DEMOLITION KEYED NOTES:

1. REMOVE EXISTING LIGHT FIXTURE, BOX, WIRE, AND CONDUIT IN THIS ROOM BACK TO NEAREST J-BOX. REMOVE EXISTING SWITCH(ES) AND PROVIDE BLANK COVERPLATE AS REQUIRED.
2. REMOVE EXISTING LIGHT FIXTURE IN THIS ROOM. BOX, CONDUIT, AND WIRE TO REMAIN. REMOVE EXISTING SWITCH, SWITCH BOX AND CONDUIT TO REMAIN.
3. REMOVE EXISTING LIGHT FIXTURES IN THIS ROOM. BOX, CONDUIT, AND WIRE TO REMAIN. EXISTING SWITCH(ES) TO REMAIN.
4. REMOVE EXISTING UV LIGHT, WIRE, AND CONDUIT.



1 FLOOR PLAN - LIGHTING

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

KEYED NOTES:

1. INSTALL NEW LIGHT FIXTURE IN EXISTING JBOX. RECONNECT TO EXISTING CIRCUIT AND SWITCHING. EXTEND HOT TO NEW EMERGENCY FIXTURES AS REQUIRED. INSTALL NEW SWITCHED OCCUPANCY SENSOR IN EXISTING BOX.
2. INSTALL NEW LIGHT FIXTURE IN EXISTING JBOX. RECONNECT TO EXISTING CIRCUIT AND SWITCHING. EXTEND HOT TO NEW EMERGENCY FIXTURES AS REQUIRED. INSTALL NEW OCCUPANCY SENSOR(S) AND POWER PACK AS REQUIRED. CONNECT TO EXISTING CIRCUIT. WIRE EXISTING SWITCH TO OVERRIDE OCCUPANCY SENSOR(S).
3. INSTALL NEW LIGHT FIXTURE IN EXISTING JBOX. RECONNECT TO EXISTING CIRCUIT AND SWITCHING. EXTEND HOT TO NEW EMERGENCY FIXTURES AS REQUIRED.
4. INSTALL NEW LIGHT FIXTURE IN NEW JBOX. CONNECT TO CIRCUIT AS SHOWN. RECONNECT TO EXISTING CIRCUIT.
5. BLOCK AND PATCH EXISTING HOLE AS REQUIRED.

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(501) 951-3316
www.revivalarch.com
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STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER MICHAEL PRESTON HARRIS No. 5824
8/26/22

Insight ENGINEERING

CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

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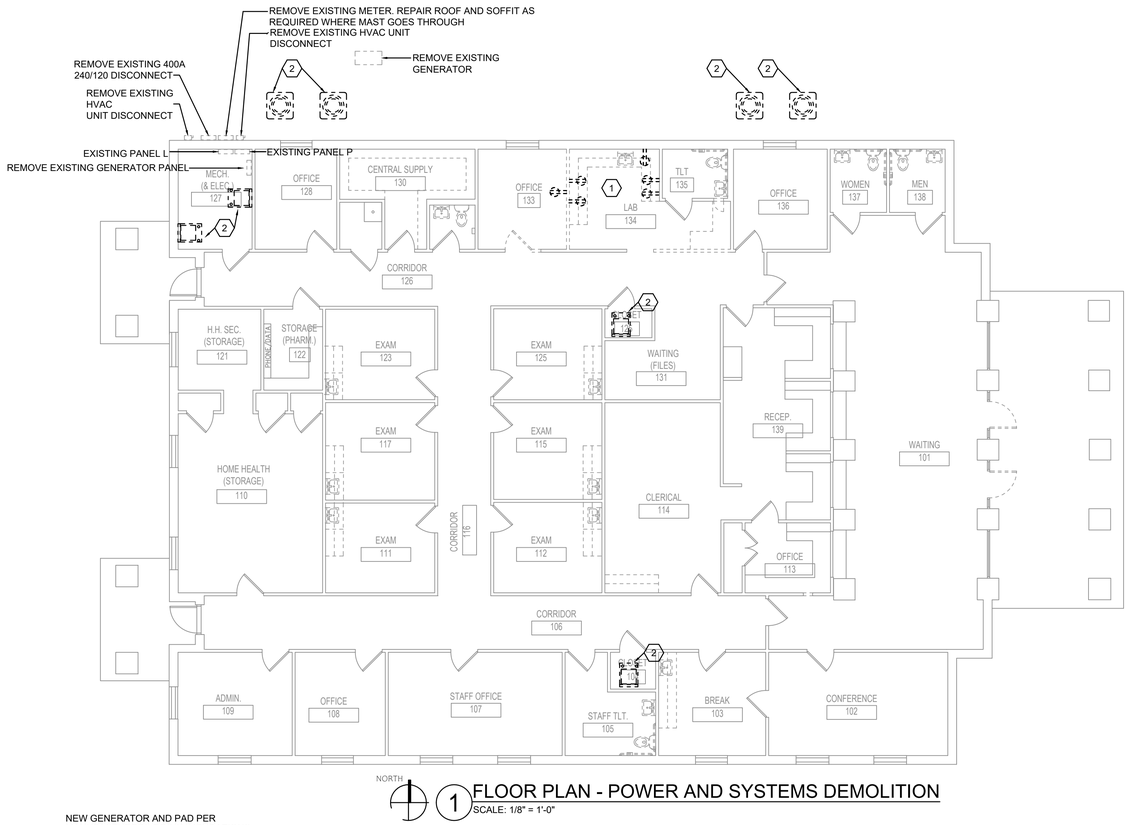
Sheet Contents:
OSCEOLA PLAN - LIGHTING

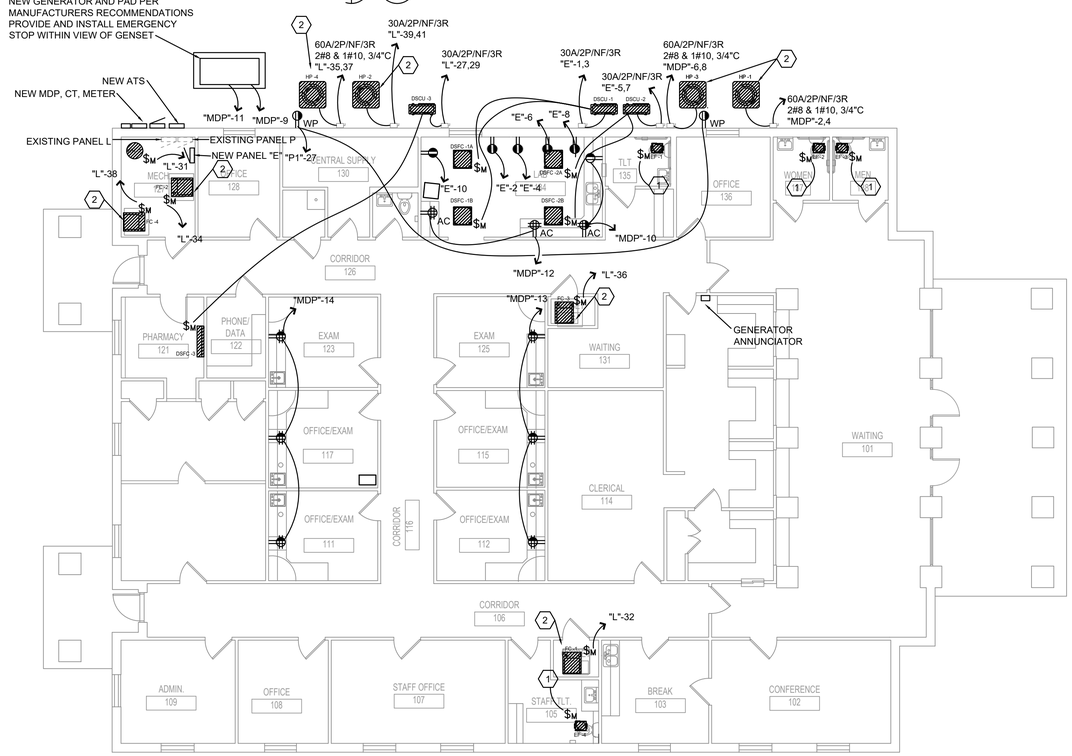
Sheet No:
OE-1.1



1 FLOOR PLAN - POWER AND SYSTEMS DEMOLITION
SCALE: 1/8" = 1'-0"

DEMOLITION KEYED NOTES:

1. EXISTING RECEPTACLES IN WALLS TO BE DEMOLISHED TO BE REMOVED BACK TO NEAREST J-BOX. MAINTAIN CIRCUIT CONTINUITY.
2. REMOVE EXISTING HVAC DISCONNECT, CONDUIT, AND WIRE BACK TO PANEL.



1 FLOOR PLAN - POWER AND SYSTEMS
SCALE: 1/8" = 1'-0"

KEYED NOTES:

1. TO ROOM LIGHTS AND SWITCH.
2. REFER TO ALTERNATES SHEET OE-1.0.

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P.O. Box 400, Scott, Arkansas 72142
(501) 951-3316
www.revivalarch.com
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STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 5822 MICAH PRESTON HARRIS
8/26/22

Insight ENGINEERING

CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

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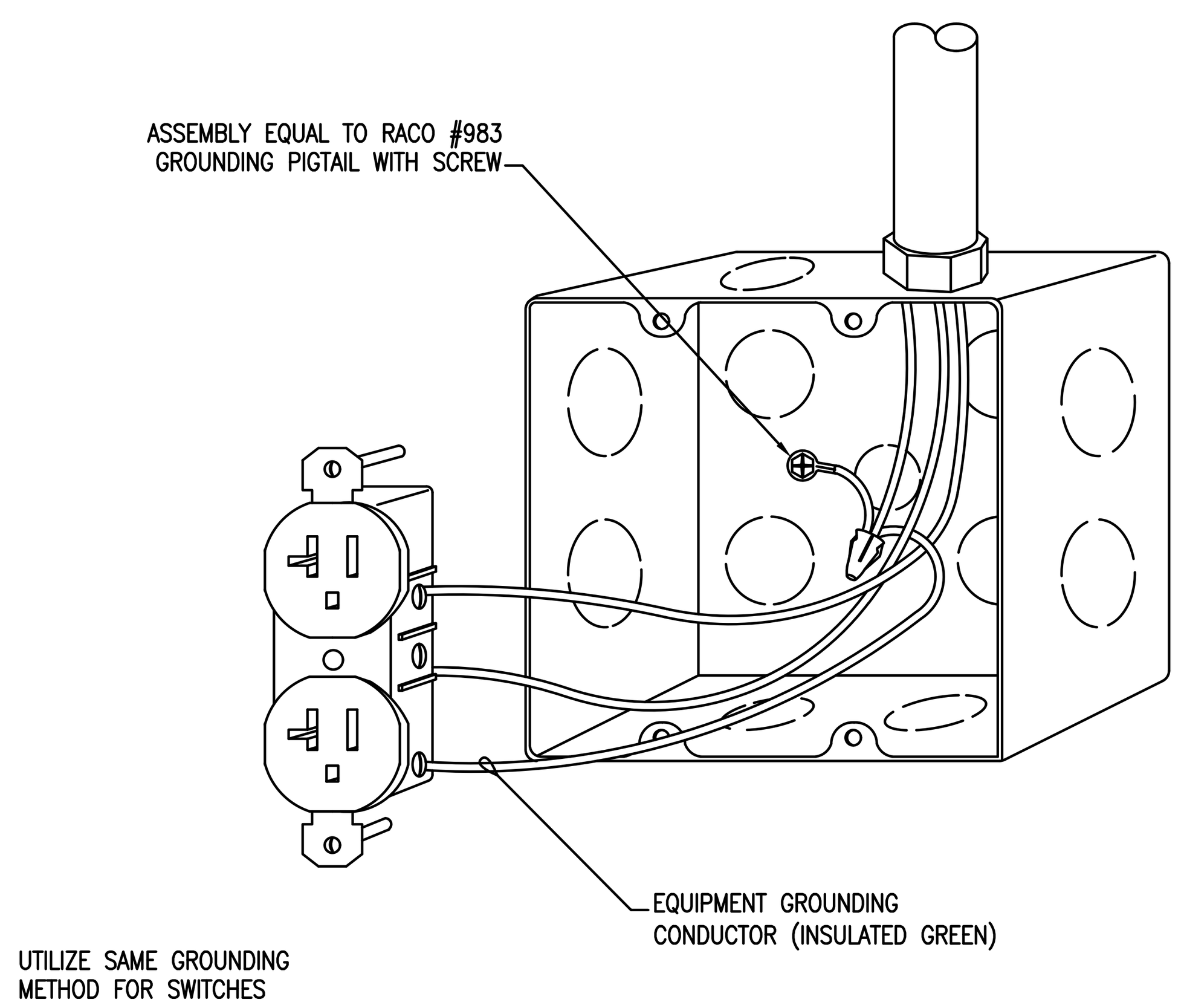
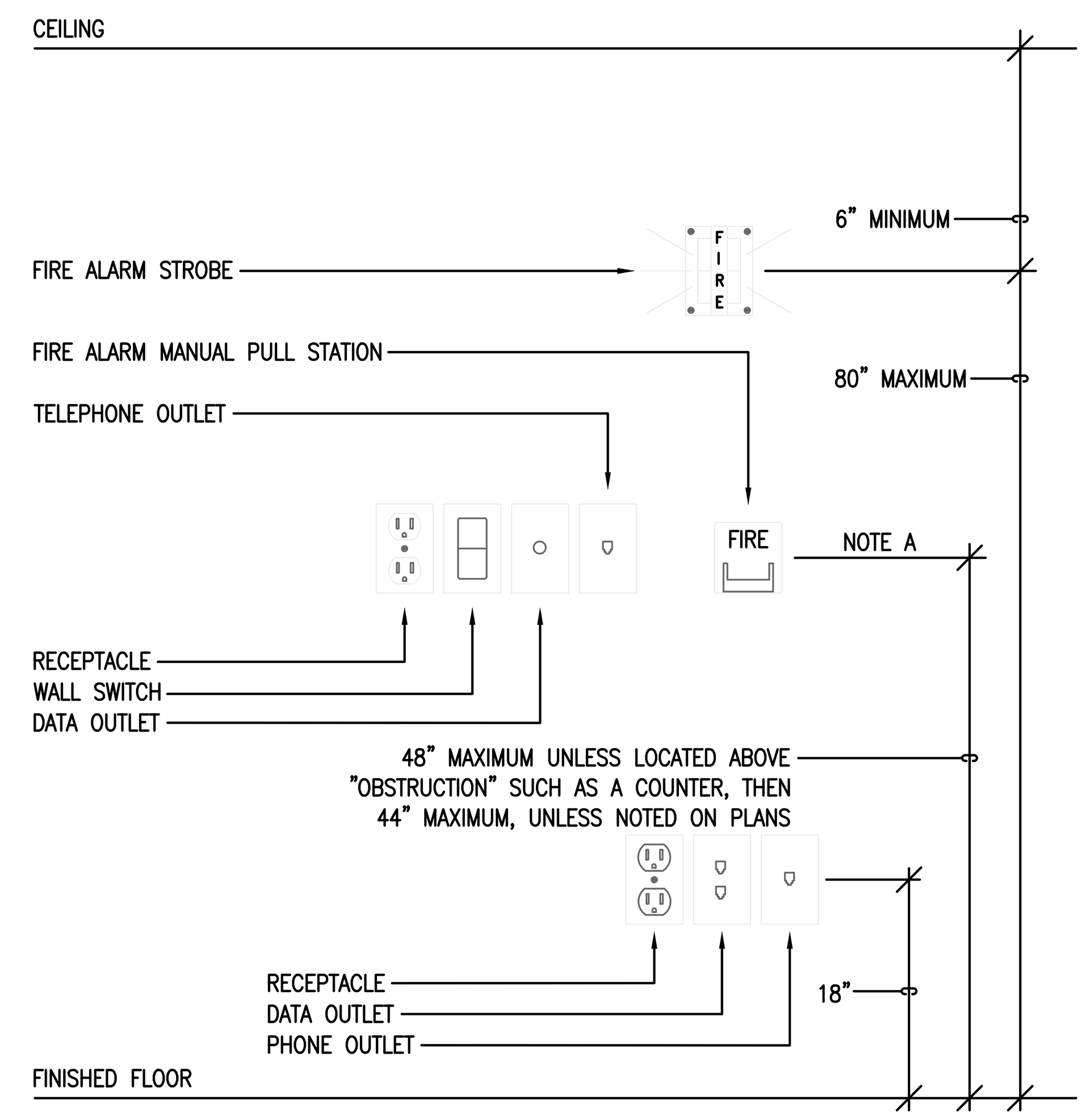
Sheet Contents:
OSCEOLA PLAN - POWER AND SYSTEMS

Sheet No:
OE-1.2



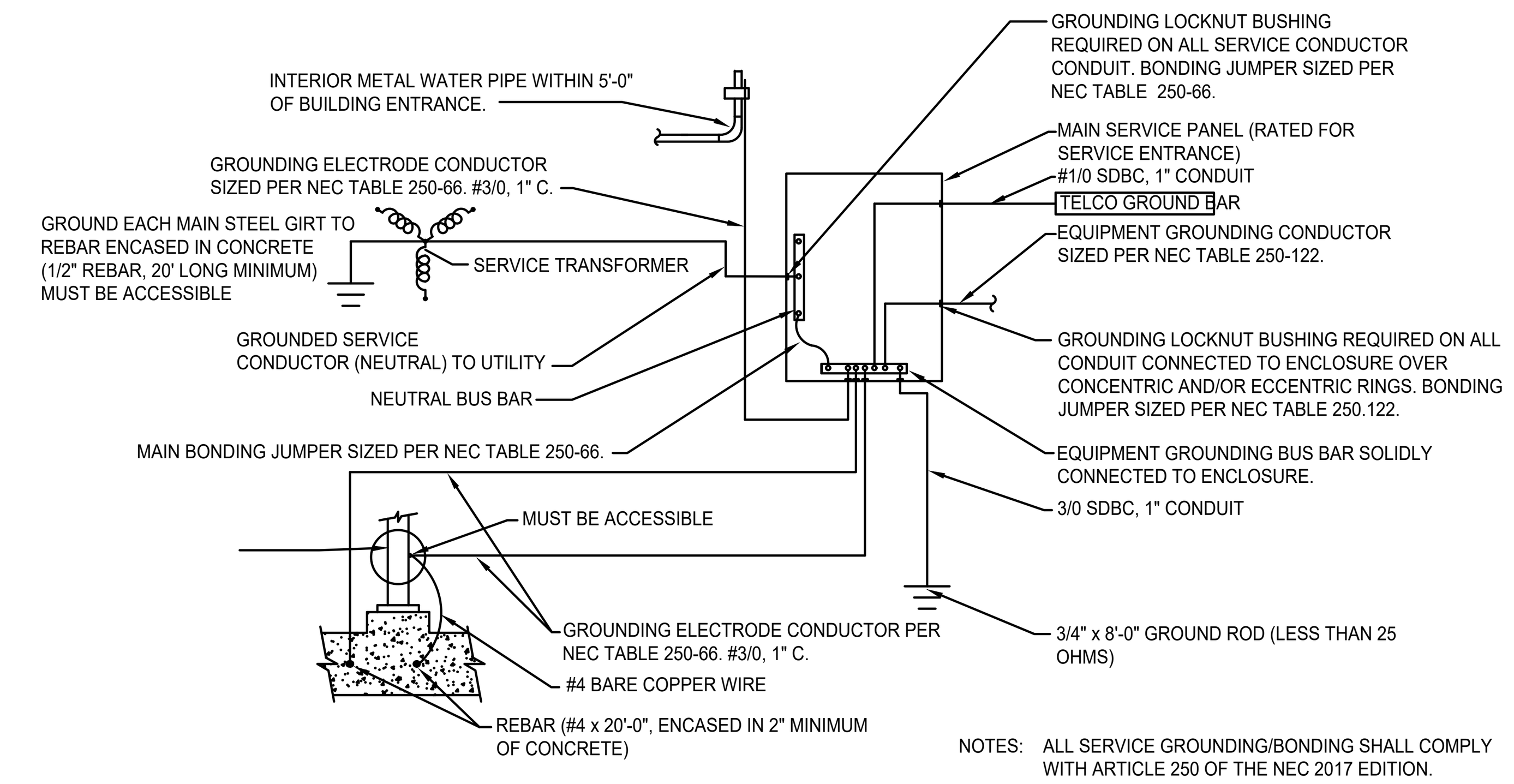
1 JUNCTION BOX GROUNDING DETAIL
SCALE: NONE



GENERAL MOUNTING HEIGHT NOTES:

A. COORDINATE WITH ARCHITECT FOR EXACT LOCATION AND ELEVATION OF ALL DEVICES IN PROXIMITY TO SINKS, COUNTERTOPS, BACK SPLASHES, CABINETRY AND ARCHITECTURAL FEATURE ELEMENTS.

2 DEVICE MOUNTING HEIGHTS DETAIL
SCALE: NONE



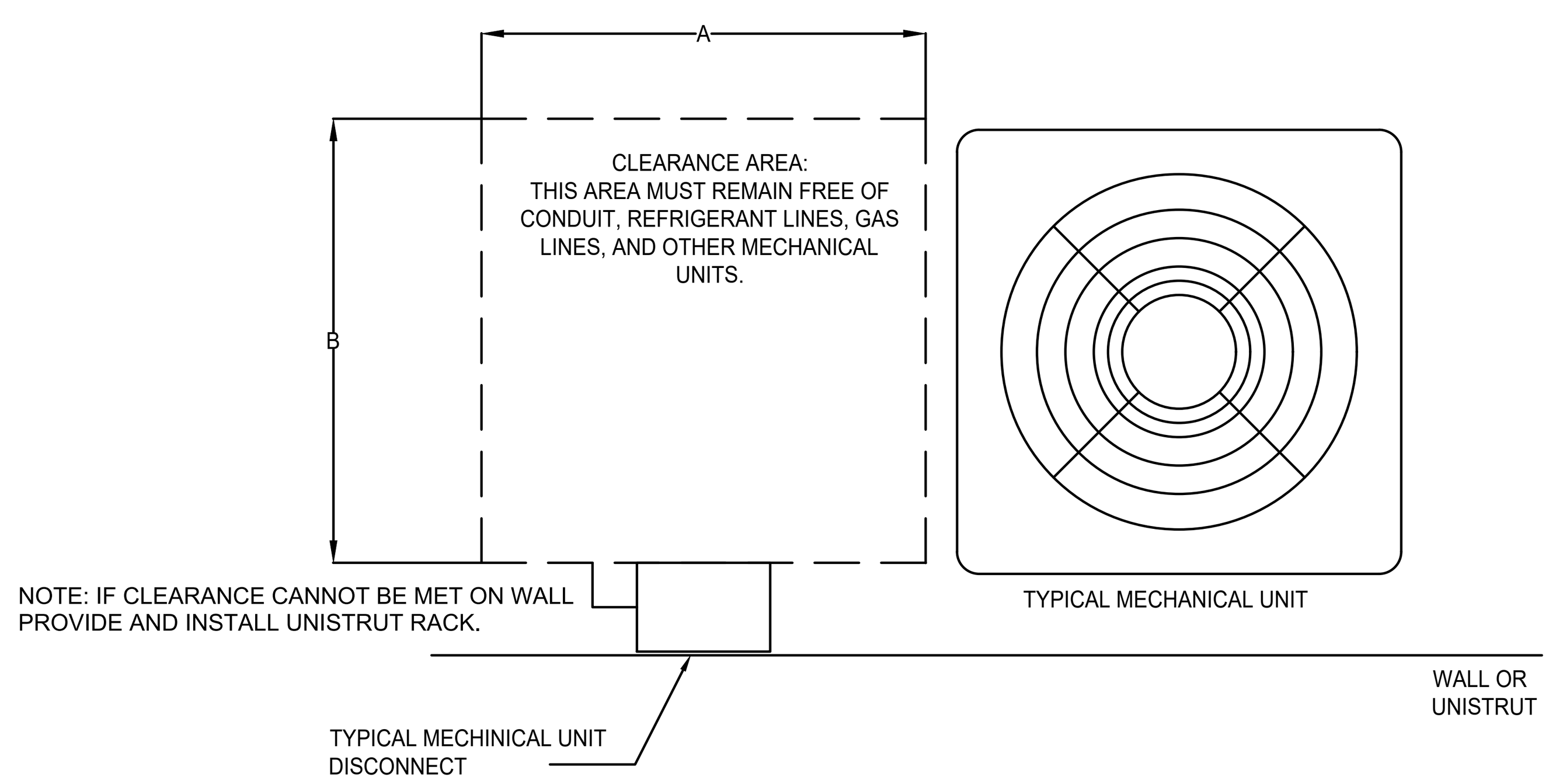
NOTES:
ALL SERVICE GROUNDING/BONDING SHALL COMPLY WITH ARTICLE 250 OF THE NEC 2017 EDITION.

ALL GROUNDING BUS TO BE SOLIDLY CONNECTED TO ENCLOSURE.

USE EXOTHERMIC WELDS FOR CONNECTION TO BUILDING STEEL AND REBAR.

PROVIDE SYSTEM BONDING JUMPER AND GROUNDING ELECTRODE CONDUCTOR IN TRANSFORMERS SIZED PER NEC TABLE 250.66.

3 JUNCTION BOX GROUNDING DETAIL
SCALE: NONE



MECHANICAL UNIT DISCONNECT CLEARANCES:

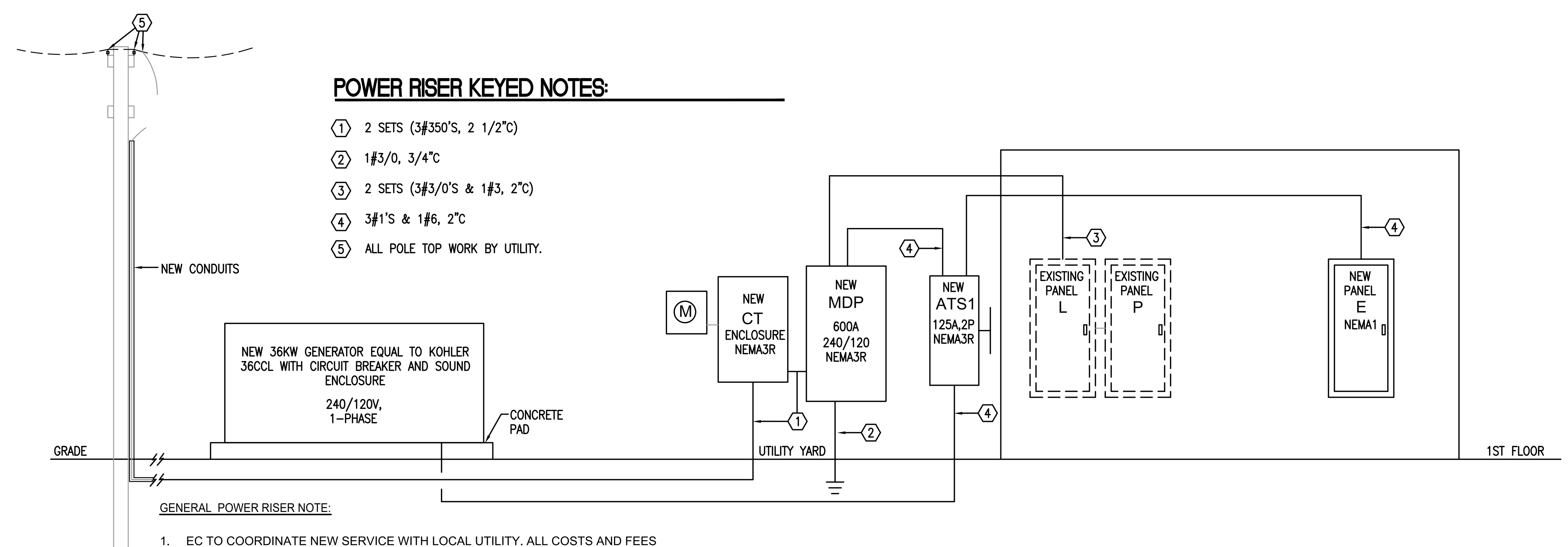
A. 30" MINIMUM OR THE WIDTH OF EQUIPMENT, WHICHEVER IS GREATER.

B. 36"

4 MECHANICAL UNIT DISCONNECT CLEARANCE DETAIL
SCALE: NONE

POWER RISER KEYED NOTES:

1. 2 SETS (3#350'S, 2 1/2"C)
2. 1#3/0, 3/4"C
3. 2 SETS (3#3/0'S & 1#3, 2"C)
4. 3#1'S & 1#6, 2"C
5. ALL POLE TOP WORK BY UTILITY.



GENERAL POWER RISER NOTE:

1. EC TO COORDINATE NEW SERVICE WITH LOCAL UTILITY. ALL COSTS AND FEES FOR TEMPORARY AND PERMANENT SERVICE TO THE BUILDING ARE TO BE PAID BY CONTRACTOR.

4 POWER RISER DIAGRAM
SCALE: NONE

REVIVAL ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
(501) 951-3316 www.revivalarch.com
S.D.G.

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 5822 MICHAEL PRESTON HARKEY
8/26/22

Insight ENGINEERING

CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

PROJECT NAME:
Mississippi County Health Units
Osceola

ISSUE DATE:
August 26, 2022
Revisions:

Sheet Contents:
ELECTRICAL DETAILS AND DIAGRAMS

Sheet No:
OE-2.1

PANEL SCHEDULE — MDP

Panel Name:	MDP
Voltage	240/120
Phase	SINGLE
Mounting:	SURFACE
Rating	NEMA 3R
Panel Amperage:	600A
Panel A.I.C. Rating:	65kAIC
Main	600A 100% RATED MCB

DESCRIPTION	LOAD A	LOAD B	RACEWAY SIZE INCHES	PHASE SIZE AWG	NEUTRAL SIZE AWG	NUMBER OF P+N WIRES	NUMBER OF P+N SETS	GROUND SIZE AWG	TOTAL WIRES	POLES	BREAKER TRIP	CIRCUIT NUMBER	CIRCUIT NUMBER	BREAKER TRIP	POLES	TOTAL WIRES	GROUND SIZE AWG	NUMBER OF P+N SETS	NUMBER OF P+N WIRES	NEUTRAL SIZE AWG	PHASE SIZE AWG	RACEWAY SIZE INCHES	LOAD A	LOAD B	DESCRIPTION
ATS	14140		1 1/2	1/0	1/0	4	1	6	5	3	150	1	2	70	2	3	10	1	2		8	3/4	5040		CU-1
		14140										3	4											5040	
PANEL L	36240		2 1/2	3/0	3/0	4	2	3	5	3	400	5	6	70	2	3	10	1	1		8	3/4	5040		CU-3
		36240										7	8											5040	
GENSET BATTERY CHARGER	500		3/4	12	12	2	1	12	3	1	20	9	10	20	1	3	12	1	2	12	12	3/4	600		LAB RECEPTACLES
GENSET BLOCK HEATER		1500	3/4	12	12	2	1	12	3	1	20	11	12	20	1	3	12	1	2	12	12	3/4		600	LAB RECEPTACLES
LAB RECEPTACLES	1200		3/4	12	12	2	1	12	3	1	20	13	14	20	1	3	12	1	2	12	12	3/4	1200		LAB RECEPTACLES
SPARE										1	20	15	16	20	1										SPARE
SPARE										1	20	17	18	20	1										SPARE
												19	20												
												21	22												
												23	24												
												25	26												
												27	28												
												29	30												
TOTALS	52080	51880																					11880	10680	TOTALS

	WATTS
PHASE A LOAD	63960
PHASE B LOAD	62560
TOTALS	126520

CONNECTED	527

NOTE: IF ALTERNATE IS TAKEN ORIGINAL CONDENSING UNIT BREAKERS TO REMAIN. RELOCATE CIRCUITS AND CIRCUIT BREAKERS SHOWN IN PANEL L TO THIS LOCATION

PANEL SCHEDULE — E

Panel Name:	E
Voltage	240/120
Phase	SINGLE
Mounting:	SURFACE
Rating	NEMA 3R
Panel Amperage:	150A
Panel A.I.C. Rating:	22K
Main	MLO

DESCRIPTION	LOAD A	LOAD B	RACEWAY SIZE INCHES	PHASE SIZE AWG	NEUTRAL SIZE AWG	NUMBER OF P+N WIRES	NUMBER OF P+N SETS	GROUND SIZE AWG	TOTAL WIRES	POLES	BREAKER TRIP	CIRCUIT NUMBER	CIRCUIT NUMBER	BREAKER TRIP	POLES	TOTAL WIRES	GROUND SIZE AWG	NUMBER OF P+N SETS	NUMBER OF P+N WIRES	NEUTRAL SIZE AWG	PHASE SIZE AWG	RACEWAY SIZE INCHES	LOAD A	LOAD B	DESCRIPTION
DSCU-1	3120		3/4	10	10	2	1	10	3	2	30	1	2	20	1	3	12	1	2	12	12	3/4	1500		REFRIGERATOR
		3120										3	4	20	1	3	12	1	2	12	12	3/4		1500	REFRIGERATOR
DSCU-2	3120		3/4	10	10	2	1	10	3	2	30	5	6	20	1	3	12	1	2	12	12	3/4	1500		REFRIGERATOR
		3120										7	8	20	1	3	12	1	2	12	12	3/4		1500	REFRIGERATOR
EX GEN SMALL VACCINE REF	2700									1	30	9	10	20									1000		EX GEN PHONE SYSTEM
EX GEN VACCINE REF		2700								1	30	11	12	15										1000	EX GEN LORIE
EX GEN CLERICAL	1200									1	15	13	14												
EX GEN CLERICAL		1200								1	15	15	16												
												17	18												
												19	20												
												21	22												
												23	24												
												25	26												
												27	28												
												29	30												
TOTALS	10140	10140																					4000	4000	TOTALS

	WATTS
PHASE A LOAD	14140
PHASE B LOAD	14140
TOTALS	28280

CONNECTED	118

PANEL SCHEDULE — L

EXISTING	L
Voltage	240/120
Phase	SINGLE
Mounting:	SURFACE
Rating	NEMA 1
Panel Amperage:	400A
Panel A.I.C. Rating:	22K
Main	400A MCB

	DESCRIPTION	LOAD A	LOAD B	RACEWAY SIZE INCHES	PHASE SIZE AWG	NEUTRAL SIZE AWG	NUMBER OF P+N WIRES	NUMBER OF P+N SETS	GROUND SIZE AWG	TOTAL WIRES	POLES	BREAKER TRIP	CIRCUIT NUMBER	CIRCUIT NUMBER	BREAKER TRIP	POLES	TOTAL WIRES	GROUND SIZE AWG	NUMBER OF P+N SETS	NUMBER OF P+N WIRES	NEUTRAL SIZE AWG	PHASE SIZE AWG	RACEWAY SIZE INCHES	LOAD A	LOAD B	DESCRIPTION	
*	WAITING 101	1500									1	20	1	2	20	1								1500		LIGHTING PARKING	*
*	LIGHTING - 102,103,105,107		1500								1	20	3	4	20	1									1500	LIGHTING PARKING	*
*	LIGHTING 107,108,109	1500									1	20	5	6	20	1								1500		LIGHTING 136, 137, 138, CANOPY	*
*	LIGHTING CORRIDOR, 116,106		1500								1	20	7	8	20	1									1500	LIGHTING EXAM,111,117,123	*
*	LIGHTING 112, 113, 114, 115, 139	1500									1	20	9	10	20	1								1500		LIGHTING 110,120,121	*
*	LIGHTING 112, 113, 114, 115, 139		1500								1	20	11	12	20	1									1500	LIGHTING CORRIDOR, 126,127	*
*	LIGHTING 129,132,134	1500									1	20	13	14	20	1								1500		RECEPTACLES TELEPHONE BD	*
*	LIGHTING ATTIC		1500								1	20	15	16	20	1									1500	RECEPTACLES 103,106,114	*
*	RECEPTACLES 107	1500									1	20	17	18	20	1								1500		RECEPTACLES 102	*
*	RECEPTACLES 101		1500								1	20	19	20	20	1									1500	RECEPTACLES 101	*
*	RECEPTACLES - ROOM 106	1500									1	20	21	22	20	1								1500		RECEPTACLES 139, 113	*
*	RECEPTACLES - 102		1500								1	20	23	24	20	1									1500	RECEPTACLES 139	*
*	RECEPTACLES - 118	1500									1	20	25	26	20	1								1500		RECEPTACLES EXAM 112, 114, 115	*
+	DSCU-3		1440								2	15	27	28	20	1									1500		*
+		1440											29	30	20	1								1500			*
+	WATER HEATER		1500								1	20	31	32	20	1									1500	FU1	*
+	SPARE										1	20	33	34	20	1								1500		FU2	*
+	CU4		5040								2	50	35	36	30	1									1500	FU3	*
+		5040											37	38	30	1								1500		FU4	*
+	CU2		2760								2	35	39	40	100	2									12000	PANEL P	*
+		2760											41	42										10500			*
	TOTALS	15240	15240																					21000	21000	TOTALS	

	WATTS
PHASE A LOAD	36240
PHASE B LOAD	36240
TOTALS	72480

CONNECTED	302

LEGEND:
- * EXISTING BREAKER
- + NEW BREAKER

NOTE: IF ALTERNATE IS TAKEN ORIGINAL CONDENSING UNIT BREAKERS TO REMAIN. RELOCATE THESE CIRCUIT AND CIRCUIT BREAKERS TO "MDP"

PANEL SCHEDULE — P

EXISTING	P
Voltage	240/120
Phase	SINGLE
Mounting:	SURFACE
Rating	NEMA 1
Panel Amperage:	400A
Panel A.I.C. Rating:	22K
Main	400A MCB

	DESCRIPTION	LOAD A	LOAD B	RACEWAY SIZE INCHES	PHASE SIZE AWG	NEUTRAL SIZE AWG	NUMBER OF P+N WIRES	NUMBER OF P+N SETS	GROUND SIZE AWG	TOTAL WIRES	POLES	BREAKER TRIP	CIRCUIT NUMBER	CIRCUIT NUMBER	BREAKER TRIP	POLES	TOTAL WIRES	GROUND SIZE AWG	NUMBER OF P+N SETS	NUMBER OF P+N WIRES	NEUTRAL SIZE AWG	PHASE SIZE AWG	RACEWAY SIZE INCHES	LOAD A	LOAD B	DESCRIPTION	
*	OFFICE 136	1500									1	20	1	2	20	1								1500		EXAM 115 124	*
*	LAB 134		1500								1	20	3	4	20	1									1500	EXAM 115 124	*
*	OFFICE 136	1500									1	20	5	6	20	1								1500		PROFESSIONAL STAFF OFFICE	*
*	LAB 134 135		1500								1	20	7	8	20	1									1500	STAFF TLT	*
*	EXAM 112 CLERICAL 114	1500									1	20	9	10	20	1								1500		ADMIN 109 OFFICE 108	*
*	EXAM 112 CLERICAL 114		1500								1	20	11	12	20	1									1500	ADMIN 109 OFFICE 108	*
*	EXAM 123 STORAGE 122	1500									1	20	13	14	20	1								1500		EXAM 111 EXAM 117	*
*	EXAM 123 STORAGE 122		1500								1	20	15	16	20	1									1500	EXAM 111 EXAM 117	*
*	LAB 134	1500									1	20	17	18	20	1								1500		HOME HEALTH SEC 121	*
*	LAB 134		1500								1	20	19	20	20	1									1500	OFFICE 128	*
*	CIRC PUMP	1500									1	20	21	22	20	1								1500		JAN 129 TLT 132 OFFICE 133	*
*	HEAT TAPE		1500								1	20	23	24	20	1									1500	RECEPTACLES 139	*
*	WAITING 131	1500									1	20	25	26	20	1								1500		REFRIGERATOR	*
+	EXTERIOR RECEPTS		400	3/4	12	12	2	1	12	3	1	20	27	28	60	2											*
+	SPARE										1	20	29	30													*
	TOTALS	6000	4900																					6000	4500	TOTALS	

	WATTS
PHASE A LOAD	12000
PHASE B LOAD	9400
TOTALS	21400

CONNECTED	89

LEGEND:
- * EXISTING BREAKER
- + NEW BREAKER

LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	VOLTAGE	LAMP	COLOR	MOUNTING	NOTES
A1	COLUMBIA	RLW-4-35-XW-FA-W-EU	UNV	LED	35K	SURFACE	LED LINEAR WRAP
A1E	COLUMBIA	RLW-4-35-XW-FA-W-EU-ELL14	UNV	LED	35K	SURFACE	LED LINEAR WRAP
A2	COLUMBIA	RLW-4-35-MW-FA-W-EU	UNV	LED	35K	SURFACE	LED LINEAR WRAP
A2E	COLUMBIA	RLW-4-35-MW-FA-W-EU-ELL14	UNV	LED	35K	SURFACE	LED LINEAR WRAP
A3	COLUMBIA	RLW-4-35-LW-FA-W-EU	UNV	LED	35K	SURFACE	LED LINEAR WRAP
A3E	COLUMBIA	RLW-4-35-LW-FA-W-EU-ELL14	UNV	LED	35K	SURFACE	LED LINEAR WRAP
B	PRESCOLITE	LTR-4RD-H-SL15L-DM1 W/ LTR-4RD-T-SL-35K-WDS	UNV	LED	35K	RECESSED	4" ROUND LED DOWNLIGHT
BE	PRESCOLITE	LTR-4RD-H-SL15L-DM1-EM W/ LTR-4RD-T-SL-35K-WDS	UNV	LED	35K	RECESSED	4" ROUND LED DOWNLIGHT WITH EMERGENCY
C1	BROWNLEE	5160-48-XX-H32-35K	UNV	LED	35K	WALL	48" LED VANITY
C2	BROWNLEE	5160-13-XX-H10-35K	UNV	LED	35K	WALL	13" LED VANITY
D	BROWNLEE	2680-30-50L-XX-XX-XXX-35K	UNV	LED	35K	SURFACE	LED DRUM PENDANT
E	CURRENT	RWL1-48L-10-4K7-4W-120-XX-EH-PC	UNV	LED	40K	WALL	WALL MOUNT LED
F	BROWNLEE	2690-12-XX-H15-XXX-35K+DL6	UNV	LED	35K	PENDANT	LED PENDANT
G	AFX	KNLU40XX-35K	UNV	LED	35K	SURFACE	LED UNDERCABINET
H	BROWNLEE	1260-XX-H10-EC1-35K	UNV	LED	35K	WALL	LED SCONCE
J	AFX	EGRF2440LAJD2WH	UNV	LED	40K	SURFACE	24" ROUND SURFACE MOUNT
X1	COMPASS	CELS1RNE	UNV	LED	NA	WALL	EXIT SIGN WITH BATTERY

NOTES: ALL FIXTURE COLORS TO BE SELECTED FROM MANUFACTURERS LIST OF STANDARD COLORS BY ARCHITECT.

REVIVAL ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
(501) 951-3316
www.revivalarch.com
S.D.G.

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER MICHAEL PRESTON HARKEY NO. 5822
8/26/22

Insight ENGINEERING

CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

PROJECT NAME:
Mississippi County Health Units
Osceola

ISSUE DATE:
August 26, 2022
Revisions:

Sheet Contents:
ELECTRICAL SCHEDULES

Sheet No:
OE-2.2

HVAC LEGEND

ABBREVIATION OR SYMBOL	DESCRIPTION
AHU	AIR HANDLING UNIT
AFF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
BHP	BRAKE HORSEPOWER
BTUH	BRITISH THERMAL UNIT PER HOUR
CFM	CUBIC FEET PER MINUTE
CRAC	COMPUTER ROOM AIR CONDITIONING UNIT
D	DRAIN
DB	DRY BULB TEMPERATURE
DN	DOWN
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE OF THE COIL
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
FCU	FAN COIL UNIT
FLR	FLOOR
FO	FLAT OVAL
FPM	FEET PER MINUTE (VELOCITY)
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE OF THE COIL
LWT	LEAVING WATER TEMPERATURE
MAU	MAKE-UP AIR UNIT
MAX	MAXIMUM
MIN	MINIMUM
MHP	MOTOR HORSEPOWER
NTS	NOT TO SCALE
OSA	OUTSIDE AIR
PSI	POUNDS PER SQUARE INCH
RA	RETURN AIR
RH	RELATIVE HUMIDITY
RPM	REVOLUTION PER MINUTE
RTU	ROOF TOP (AIR CONDITIONING) UNIT
SA	SUPPLY AIR
SP	STATIC PRESSURE
TYP	TYPICAL
VAV	VARIABLE AIR VOLUME
WB	WET BULB TEMPERATURE
XFR	TRANSFER AIR
'	FEET
"	INCHES
ø	ROUND DUCT
Φ	OVAL DUCT

DETAIL/SECTION NUMBER

2 / M1.1

DETAIL/SECTION DESIGNATION

SHEET NUMBER

T VAV-2 S — THERMOSTAT OR SENSOR. (SUBSCRIPT DESIGNATES CONTROLLED EQUIPMENT)

2 — KEYED NOTE

ABBREVIATION OR SYMBOL	DESCRIPTION
	CEILING SUPPLY DIFFUSER
	CEILING RETURN/EXHAUST GRILLE
	GRILLE OR REGISTER ON BOTTOM OF DUCTWORK
18/12 SA	SIDEWALL SUPPLY (RETURN SIMILAR)
18/12	RECTANGULAR DUCT WITH DUCT SIZE TAG
20ø	ROUND DUCT WITH DUCT SIZE TAG
20/14Φ	OVAL DUCT WITH DUCT SIZE TAG
24/24 SA	SUPPLY DUCT UP
24/24 SA	SUPPLY DUCT DOWN
24/24 RA	RETURN DUCT UP
24/24 RA	RETURN DUCT DOWN
24/24 EA	EXHAUST DUCT UP
24/24 EA	EXHAUST DUCT DOWN
18/18Φ 24/12	RECTANGULAR/OVAL TRANSITION
18ø 24/12	RECTANGULAR/ROUND TRANSITION
	FLEXIBLE DUCT CONNECTION
F (1), M (3), S (2), C (4)	(1) FIRE DAMPER (2) SMOKE DAMPER (3) MOTORIZED DAMPER (4) CONTROL DAMPER
(1) SD (2)	(1) BALANCING DAMPER (2) SMOKE DETECTOR
250	BALANCING DAMPER, SET TO INDICATED CFM

ABBREVIATION OR SYMBOL	DESCRIPTION
	NEW EQUIPMENT
	EXISTING EQUIPMENT TO REMAIN
	EXISTING EQUIPMENT TO BE REMOVED
	NEW DUCT
	EXISTING DUCT TO REMAIN
	DEMOLISH EXISTING DUCT BACK TO POINT.
	CONNECT TO EXISTING DUCT.

C/350 — **AIR DEVICE DESIGNATION**

AIR DEVICE "MARK" — AIRFLOW CFM

* NOT ALL SYMBOLS MAY APPLY TO THIS PROJECT

MECHANICAL GENERAL NOTES:

1. ALL MECHANICAL WORK SHALL COMPLY WITH ALL LOCAL CODES, DRAWINGS, SPECIFICATIONS, AND AUTHORITIES HAVING JURISDICTION. IF DISCREPANCIES ARE FOUND, THE MOST STRINGENT REQUIREMENT SHALL GOVERN WORK. WHERE INSPECTIONS ARE REQUIRED BY AUTHORITIES HAVING JURISDICTION, WORK MUST NOT BE CONCEALED UNTIL INSPECTIONS AND TESTING ARE COMPLETE AND WORK IS ACCEPTED.
2. REFER TO SPECIFICATION SHEETS FOR ADDITIONAL PROJECT INFORMATION.
3. REFER TO ALL PROJECT DRAWINGS FOR DETAILS OF CONSTRUCTION AND INSTALLATION REQUIREMENTS.
4. PRIOR TO BID, CONTRACTOR SHALL BECOME THOROUGHLY FAMILIAR WITH THE REQUIREMENTS OF THESE NOTES AS WELL AS OTHER NOTES SHOWN ON THE CONTRACT DOCUMENTS.
5. THESE DRAWINGS REFLECT A SYSTEM DESIGNED AROUND SPECIFIED REFERENCE PRODUCTS, THE SELECTION OF WHICH HAS INFLUENCED THE DESIGNS OF OTHER TRADES. IF SUBSTITUTE MANUFACTURERS, SIZES, OR MODEL NUMBERS ARE BID OR SUBMITTED, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL DIFFERENCES PRIOR TO BID. ALL COSTS OF ALL TRADES ASSOCIATED WITH THE SUBSTITUTION SHALL BE INCLUDED IN THE BID.
6. COORDINATION OF ALL MODIFICATIONS TO EACH DISCIPLINE WHICH RESULT FROM SUBSTITUTION OF EQUIPMENT OR MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SUBSTITUTIONS WHICH ARE INSTALLED AND SUBSEQUENTLY ARE PROVEN UNSATISFACTORY BY OWNER AND/OR ENGINEER WITHIN THE WARRANTY PERIOD, SHALL BE REMOVED COMPLETELY BY THE CONTRACTOR AND REPLACED WITH THE ORIGINAL DESIGN OR CORRECTED AS DIRECTED BY THE ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER.
7. ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRICAL RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, SEQUENCE, DEVICE, OPTION, FITTING, OR COMPONENT.
8. INFORMATION AND COMPONENTS ON DETAILS OR IN SPECIFICATIONS, BUT NOT SHOWN ON PLANS, AND VICE VERSA, SHALL BE PROVIDED AS IF EXPRESSLY REQUIRED BY BOTH.
9. CONTRACTOR SHALL NOT SCALE DRAWINGS. DRAWINGS SPECIFIC TO THIS DISCIPLINE DO NOT LIMIT THE RESPONSIBILITY OF WORK REQUIRED BY THE CONTRACT DOCUMENTS.
10. EXACT LOCATIONS OF ALL EQUIPMENT, ROOF CURBS, DUCTS, DIFFUSERS, AND PIPING SHALL BE COORDINATED WITH OTHER TRADES. CEILING MOUNTED SPRINKLER, LIGHTING, AND ELECTRICAL REQUIREMENTS TAKE PRECEDENCE OVER CEILING MOUNTED MECHANICAL REQUIREMENTS. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING GRID AND LIGHTING LAYOUT FOR COORDINATION OF FINAL DIFFUSER LOCATIONS.
11. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING DETAILS AND DIMENSIONS. COORDINATE PLACEMENT OF MECHANICAL SYSTEMS WITH ARCHITECTURAL AND STRUCTURAL TRADES.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THAT OF OTHER TRADES. REFER TO ALL CONSTRUCTION DOCUMENTS FOR COMPLETE INFORMATION PRIOR TO BID.
13. ALL MECHANICAL CONSTRUCTION DETAILS SHALL BE AS SHOWN AND AS REQUIRED TO MAINTAIN "UL" ASSEMBLY RATINGS AS SHOWN ON ARCHITECTURAL SHEETS. SEAL AROUND ALL PENETRATIONS THOROUGH UL RATED ASSEMBLIES, FIRE AND SMOKE WALLS. COORDINATE WITH GENERAL CONTRACTOR.
14. NO OTHER TRADES, I.E., ELECTRICAL, CEILING, PLUMBING, OR OTHER SYSTEMS SHALL BE SUSPENDED, HUNG, OR SUPPORTED FROM DUCTWORK OR PIPING.
15. CLOSELY COORDINATE FINAL LOCATIONS OF INSTALLED EQUIPMENT TO ACHIEVE THE GREATEST ACCESSIBILITY FOR MAINTENANCE PURPOSES.
16. CONTRACTOR SHALL VISIT THE SITE TO ESTABLISH THE EXISTING CONDITIONS PRIOR TO DUCT, PIPE OR EQUIPMENT FABRICATION. SYSTEMS SHALL BE ERECTED USING FIELD MEASUREMENTS FOR COORDINATION WITH THE EXISTING EQUIPMENT, STRUCTURE, FIRE PROTECTION AND ELECTRICAL IN THE SPACE.
17. CORE DRILL ALL PIPING PENETRATIONS OF CONCRETE WALLS AND FLOORS.
18. CONTRACTOR SHALL FIELD VERIFY ALL PIPE ROUTING AND ADJUST ELEVATIONS AS REQUIRED TO AVOID CONFLICTS. FINAL PLACEMENT OF PIPING SHALL BE DETERMINED BY FIELD MEASUREMENT AND VERIFICATION. ELEVATIONS ARE REFERENCED TO PIPE CENTERLINE UNLESS OTHERWISE NOTED.
19. ALL EQUIPMENT, DEVICES, AND FIXTURES SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATION.
20. CONTRACTOR SHALL VERIFY CLOSELY AT SITE TRANSPORTATION OF NEW HVAC EQUIPMENT INTO MECHANICAL AREAS BEFORE BIDDING. PROVIDE COMPLETE DISASSEMBLY AND RE-ASSEMBLY OF NEW EQUIPMENT AS REQUIRED FOR A COMPLETE INSTALLATION.
21. PROVIDE FLEXIBLE CONNECTIONS AND TRANSITIONS ON DUCT INLET AND OUTLET CONNECTIONS TO ALL EQUIPMENT WITH MOVING PARTS.
22. NOT ALL REQUIRED PIPING, VALVES, OR FITTINGS ARE SHOWN ON DRAWINGS FOR CLARITY. COORDINATE PLAN DETAILS WITH SPECIFICATIONS, SCHEMATICS, FLOW DIAGRAMS, AND OTHER DETAILS TO PROVIDE COMPLETE PIPING SYSTEMS.
23. COORDINATE WORK CLOSELY WITH CONTROL REQUIREMENTS. PROVIDE ALL NECESSARY DUCT TAPS, PIPE TAPS, WELLS, AND OTHER APPURTENANCES REQUIRED BY CONTROL SYSTEM. PROVIDE SPARE PIPE WELL ADJACENT TO EACH TEMPERATURE SENSOR IN PIPING.
24. REFER TO ARCHITECTURAL PLANS FOR CEILING GRILLE AND DIFFUSER LOCATIONS, FOR CEILING TYPE, AND FOR MOUNTING REQUIREMENTS. CONTRACTOR SHALL PROVIDE AND INSTALL ALL AIR DEVICES WITH MOUNTING SYSTEM DESIGNED FOR MOUNTING SURFACE TYPE.
25. COORDINATE FINAL PLACEMENT OF ALL THERMOSTATS WITH WALL-MOUNTED DEVICES AND OWNER'S REPRESENTATIVE. MOUNT PER A.D.A. REQUIREMENTS. ANY THERMOSTAT THAT IS REQUIRED TO BE MOUNTED ON AN EXTERIOR WALL SHALL BE MOUNTED ON AN INSULATED PAD.
26. PROVIDE CONCRETE PADS FOR ALL GROUND MOUNTED EQUIPMENT.
27. REPLACE ALL ARCHITECTURAL FEATURES REMOVED OR DAMAGED DURING THE COURSE OF THE WORK.
28. CONTRACTOR SHALL PATCH ALL WALLS, FLOORS, AND CEILINGS TO MATCH NEW FOR ALL OPENINGS CREATED BY INSTALLATION OF EQUIPMENT AND HVAC SERVICE PENETRATIONS.
29. REFER TO SPECIFICATION SHEET FOR INSULATION AND R-VALUES FOR MECHANICAL PIPING AND DUCTWORK INSULATION.
30. ALL HVAC COMPONENTS WITH ELECTRICAL REQUIREMENTS SHALL BE INSTALLED WITH ELECTRICAL INFRASTRUCTURE NECESSARY TO PROVIDE A FULLY FUNCTIONING SYSTEM. IF NOT SPECIFICALLY SHOWN ON ELECTRICAL SCHEDULE, HVAC FIXTURES REQUIRING ELECTRICAL SERVICE SHALL BE FED FROM BREAKER OF ADEQUATE CAPACITY.
31. ALL CONTROL WIRING SHALL BE INSTALLED IN CONDUIT.
32. PROVIDE ALL HVAC UNITS WITH AN EXTRA SET OF MANUFACTURER'S RECOMMENDED FILTERS AFTER PROJECT COMPLETION.

DEMOLITION/RENOVATION GENERAL NOTES

1. THE MECHANICAL RELATED DEMOLITION WORK INDICATED ON THE PLANS, SPECIFICATIONS, AND NOTES IS TO BE CLOSELY COORDINATED WITH THE OWNER'S REPRESENTATIVE. NO DEMOLITION SHALL TAKE PLACE IN ANY AREA OR BUILDING UNTIL THE CONTRACTOR HAS BEEN GIVEN APPROVAL TO PROCEED IN THAT SPECIFIC LOCATION. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION AND DEMOLITION SCOPE OF WORK.
2. IF, DURING DEMOLITION, IT BECOMES NECESSARY TO TEMPORARILY REMOVE ANY EQUIPMENT, PIPING, OR OTHER SYSTEM WHICH IS NOT SPECIFICALLY NOTED TO BE REMOVED (THEREBY IMPLYING THAT THEY ARE TO BE LEFT FOR FUTURE USE), THE CONTRACTOR SHALL REINSTALL SAID SYSTEMS TO FULLY OPERABLE CONDITION IN THEIR ORIGINAL LOCATIONS.
3. ALL DEMOLITION WORK SHALL BE SCHEDULED WITH THE OWNER'S REPRESENTATIVE AT LEAST 48 HOURS PRIOR TO THE WORK.
4. PATCH ALL OPENINGS IN WALLS, FLOORS, AND CEILINGS WHERE DUCT, PIPING, AND CONTROLS HAVE BEEN REMOVED TO MATCH EXISTING.
5. ANY DAMAGE TO THE OWNER'S PROPERTY, BUILDING, EXISTING SYSTEMS, OR EQUIPMENT RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER AND ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER.
6. MAINTAIN THE SECURITY OF THE BUILDING AT ALL TIMES.
7. REMOVE ALL EXISTING SUPPORTS ASSOCIATED WITH EQUIPMENT, DUCTWORK, AND PIPE BEING REMOVED UNLESS NOTED OTHERWISE.
8. DISPOSE OF ALL REMOVED EQUIPMENT AS DIRECTED BY THE OWNER.
9. CONTRACTOR SHALL COORDINATE REMOVAL OF UTILITY SERVICES WITH UTILITY COMPANIES AND LOCAL AUTHORITIES AND PAY ALL FEES.
10. SCHEDULE UTILITY WORK WITH OWNER TO KEEP TO A MINIMUM ACCEPTABLE DOWNTIME AND TO NOT INTERFERE WITH THE BUILDING OPERATIONAL SCHEDULE, IF POSSIBLE.
11. MAINTAIN THE FIRE AND SMOKE CONSTRUCTION INTEGRITY OF THE EXISTING BUILDINGS.
12. DO NOT VENT REFRIGERANT TO ATMOSPHERE. RECOVER REFRIGERANT FOR REUSE USING ASHRAE RECOMMENDED PROCEDURES.
13. EXISTING EQUIPMENT SHALL BE RELOCATED AS NECESSARY FOR THE INSTALLATION OF THE NEW SYSTEMS. METHODS AND POSITIONS OF THE RELOCATIONS SHALL HAVE PRIOR APPROVAL OF THE ARCHITECT.
14. DEMOLITION AND SHUTDOWN OF EXISTING HVAC SYSTEMS THAT WILL AFFECT PORTIONS OF THE BUILDING OUTSIDE OF PROJECT AREA SHALL BE COORDINATED WITH OWNER'S REPRESENTATIVE AND PLANNED TO LIMIT INCONVENIENCE AND DISRUPTION OF BUILDING OPERATIONS AS MUCH AS POSSIBLE. WORK SHALL BE PHASED ACCORDINGLY. PLUMBING OR HVAC WORK REQUIRED IN OCCUPIED AREAS OUTSIDE OF THE FLOOR AREA SHALL BE SCHEDULED WITH THE OWNER 48 HOURS IN ADVANCE.
15. THE EQUIPMENT LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE FINAL LOCATIONS SHALL BE ESTABLISHED IN THE FIELD TO BEST FIT THE AVAILABLE SPACE. COORDINATE WITH STRUCTURAL DRAWINGS.
16. INSPECT THE EXISTING SYSTEM; ANY EXISTING EQUIPMENT, DUCTS, OR PIPING FOUND TO BE DAMAGED OR NON-OPERABLE SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE IMMEDIATELY.
17. PHASE DEMOLITION AND RENOVATION WORK TO MAINTAIN EXISTING BUILDING AS REQUIRED BY BUILDING OWNER/OCCUPANTS. PROVIDE TEMPORARY SERVICES AS REQUIRED.
18. WORK REQUIRED IN THE AREAS OUTSIDE OF THE FLOOR AREA FOR PLUMBING OR HVAC WORK SHALL BE SCHEDULED WITH THE OWNER 48 HOURS IN ADVANCE. COORDINATE AND SCHEDULE ALL CONNECTIONS TO EXISTING SYSTEMS AND SYSTEM SHUT-DOWNS WITH OWNER'S REPRESENTATIVE.
19. ANY DAMAGE TO THE EXISTING BUILDING, STRUCTURE, FINISHES, OR ARCHITECTURAL FEATURES CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER WITHOUT ADDITIONAL COST TO THE OWNER.

REVIVAL ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
501-951-3316 www.revivalarch.com SDG

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 35814 — ALEXANDER TRULOVE

TRU ENGINEERING
Alex Trulove, PE
MEP Consulting
alex@truengineering.net
501-993-7149
708 N Charles St.
Searcy, AR 72143

CERTIFICATE OF AUTHORIZATION — TRU ENGINEERING, LLC No. 6608 — ARKANSAS

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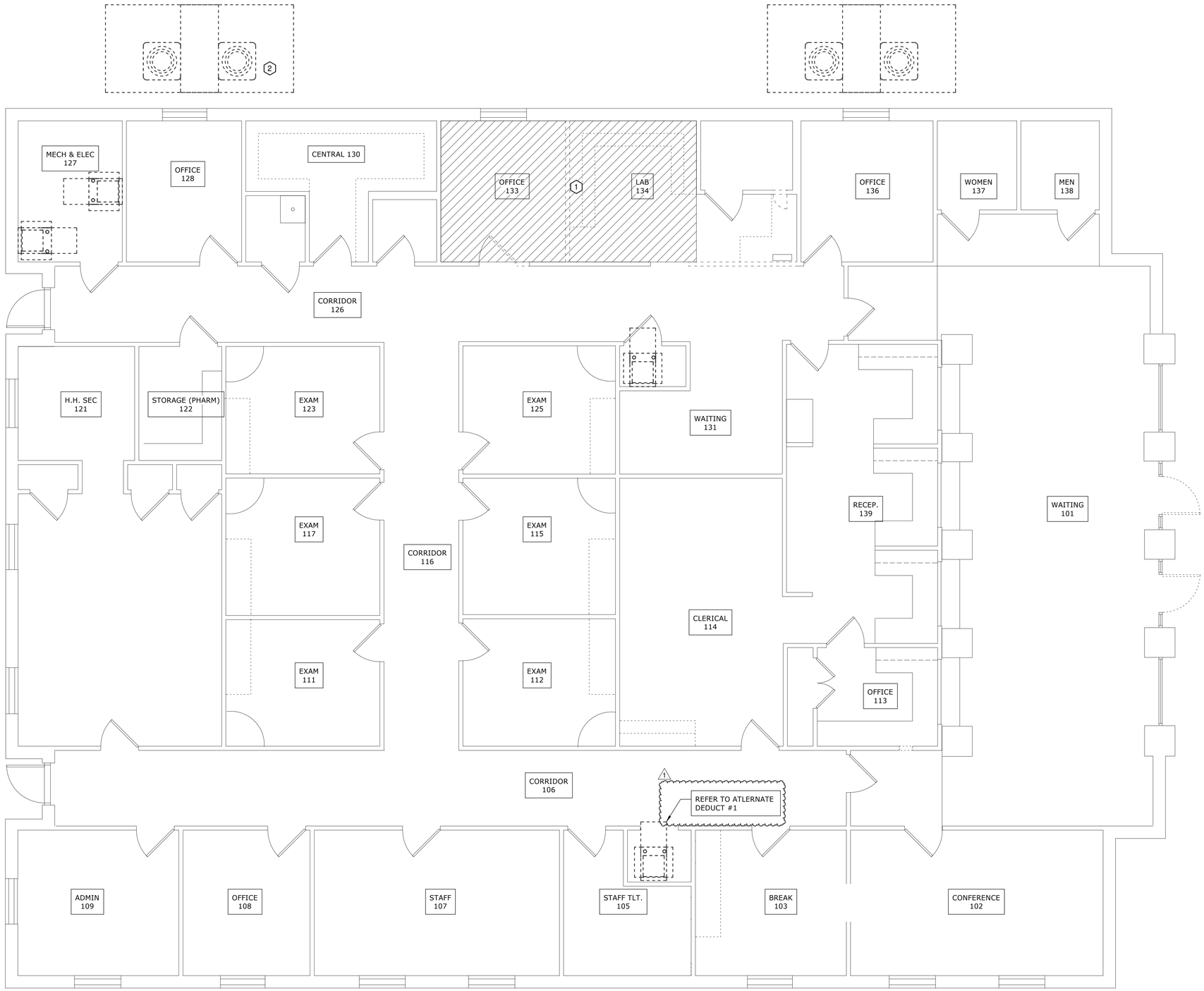
SHEET CONTENTS:
MECHANICAL NOTES AND LEGEND

SHEET NO.
OM-0.1



1 DEMO HVAC PLAN - OSCEOLA

1/4" = 1'-0"

NORTH

GENERAL NOTES

1. REMOVE COMPLETE EXISTING CONDENSING UNITS AND FURNACES. REMOVE ALL ASSOCIATE CONTROL WIRING, THERMOSTATS, REFRIGERANT PIPING. ALL DUCTWORK AND PLENUMS SHALL REMAIN. CAP EXISTING NATURAL GAS LINES FEEDING FURNACE UNIT.

KEYED NOTES

1. AREA TO BE SERVED BY NEW EQUIPMENT. REMOVE AIR TERMINALS AND ASSOCIATED BRANCH DUCTWORK BACK TO MAIN. CAP EXISTING DUCTWORK AT DUCT MAIN.
2. EXISTING EQUIPMENT TO BE DEMOLISHED, TYPICAL ALL.

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ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
501-951-3316 www.revivalarch.com

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ALEXANDER TRULOVE

TRU ENGINEERING
Alex Trulove, PE
MEP Consulting
alex@truengineering.net
501-993-7149
708 N Charles St.
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DEMO HVAC PLAN - OSCEOLA

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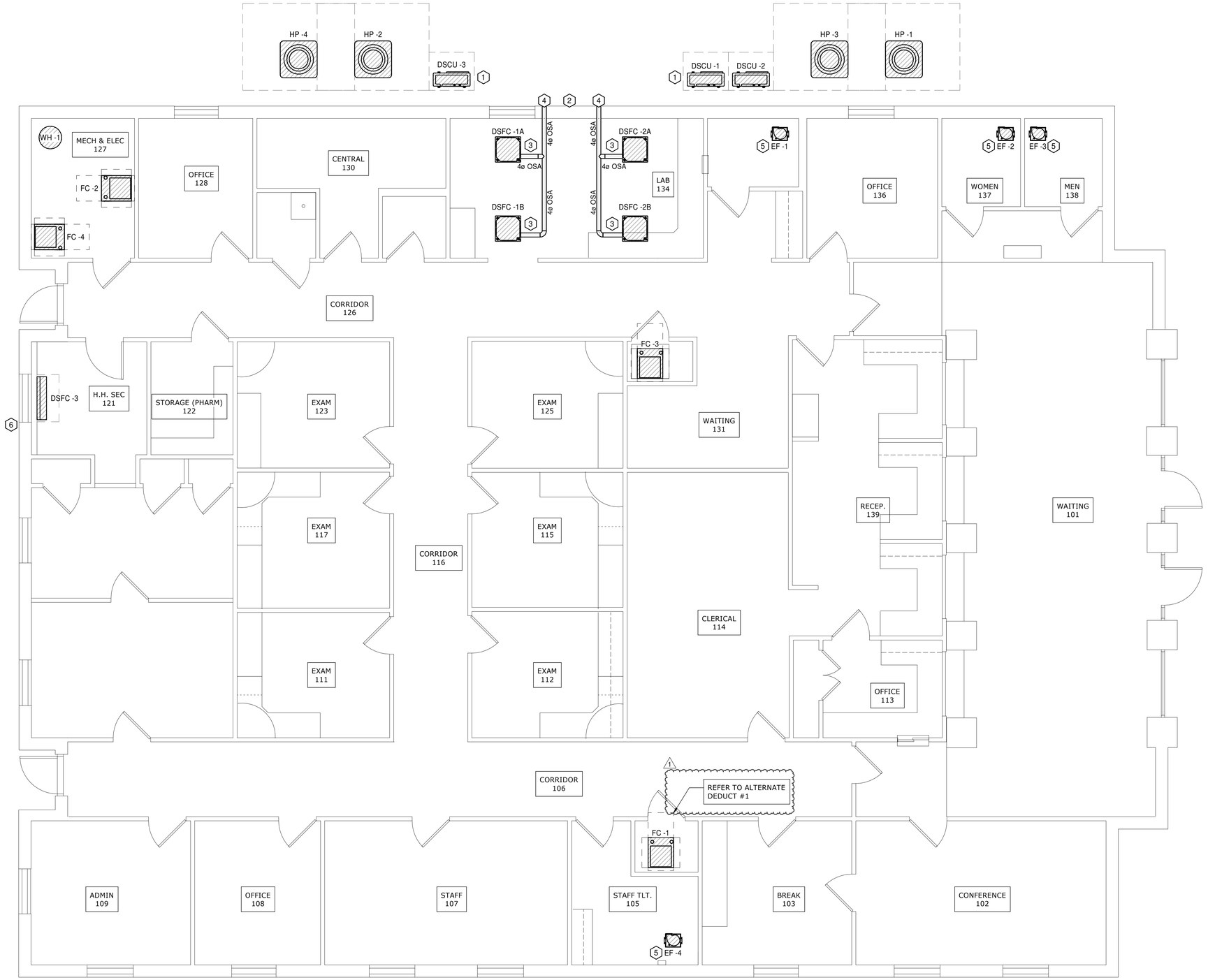

1 RENO HVAC PLAN - OSCEOLA

1/4" = 1'-0"

NORTH

CONTROL NOTES

ALL CONTROLS SHALL BE STAND-ALONE. THERMOSTATS SHALL BE PER EQUIPMENT MANUFACTURER'S RECOMMENDATION, 7-DAY PROGRAMMABLE, WALL-MOUNTED (NON-REMOTE), AND WI-FI ACCESSIBLE. THERMOSTAT SHALL BE INITIALLY SET TO READ OFF OF RETURN DUCT TEMPERATURE SENSOR.

GENERAL NOTES

1. NEW UNIT CONDENSATE SHALL DISCHARGE TO EXISTING DRAIN LOCATIONS.
2. NEW THERMOSTATS SHALL BE MOUNTED NEXT TO LIGHT SWITCH OF ASSOCIATED ROOM. TOP OF THERMOSTAT SHALL BE ALIGNED WITH TOP OF LIGHT SWITCH FACE PLATE.

KEYED NOTES

1. PROVIDE NEW 4" CONCRETE SERVICE PAD FOR MINI-SPLIT CONDENSERS.
2. ROUTE DSFC CONDENSATE TO 1" GRAVITY MAIN IN ATTIC SPACE. GRAVITY MAIN SHALL BE ROUTED TO EXTERIOR WALL, ROUTED DOWN INSULATED SIDE OF WALL, AND DISCHARGE TO LANDSCAPED AREA 18" ABOVE GRADE.
3. ROUTE NEW OSA DUCTWORK IN ATTIC TO SOFFIT AND TERMINATE WITH SOFFIT VENT WITH INSECT SCREEN EQUAL TO COOK. PAINT PER ARCHITECT.
4. BALANCE TO 15 CFM.
5. REPLACE EXISTING EXHAUST FAN WITH NEW. NEW EXHAUST FAN TO CONNECT TO EXISTING EXHAUST DUCTWORK.
6. ROUTE DSFC CONDENSATE THROUGH WALL DOWN INSULATED SIDE OF EXTERIOR WALL AND DISCHARGE 18" ABOVE GRADE TO LANDSCAPED AREA.

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ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
501-951-3316 www.revivalarch.com

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STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 20814
ALEXANDER TRULOVE

TRU ENGINEERING
Alex Trulove, PE
MEP Consulting
alex@truengineering.net
501-993-7149
708 N Charles St.
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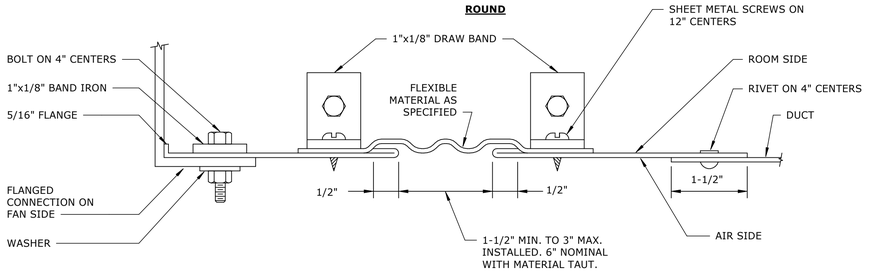
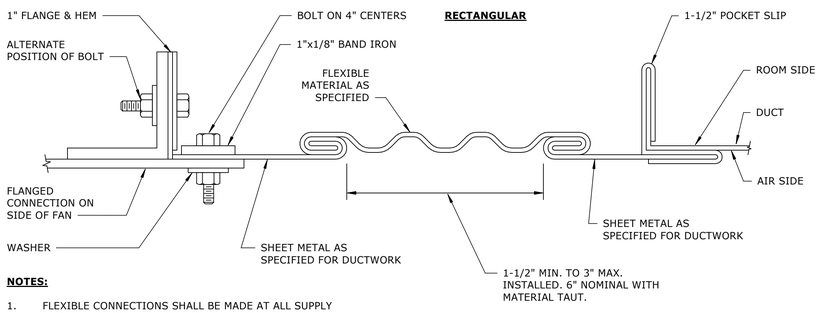
SHEET CONTENTS:
RENO HVAC PLAN - OSCEOLA

SHEET NO.
OM-1.2



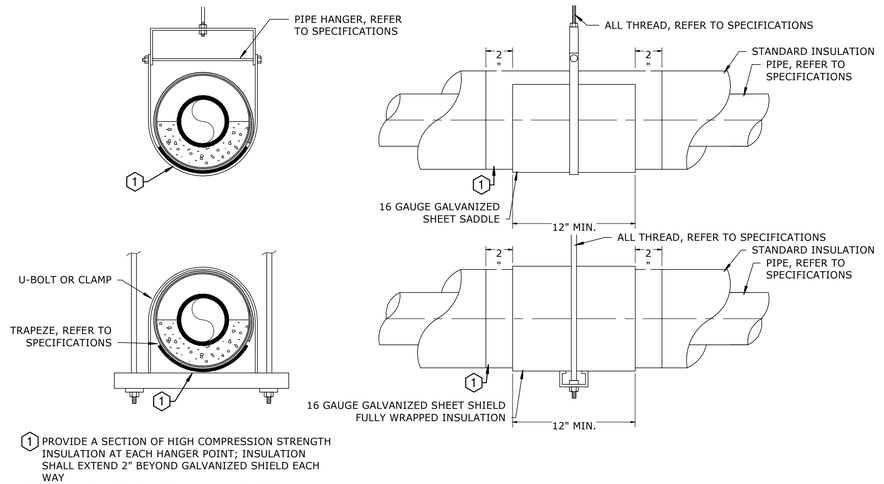


NOTES:

1. FLEXIBLE CONNECTIONS SHALL BE MADE AT ALL SUPPLY AND RETURN CONNECTIONS OF DUCTWORK TO AIR HANDLING UNITS. ALL CONNECTIONS SHALL BE AS PER SMACNA.

1 FLEXIBLE CONNECTION

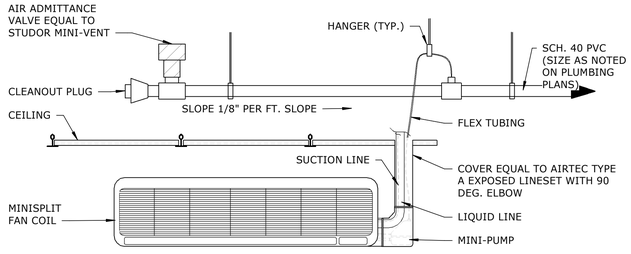
NOT TO SCALE



1 PROVIDE A SECTION OF HIGH COMPRESSION STRENGTH INSULATION AT EACH HANGER POINT; INSULATION SHALL EXTEND 2" BEYOND GALVANIZED SHIELD EACH WAY

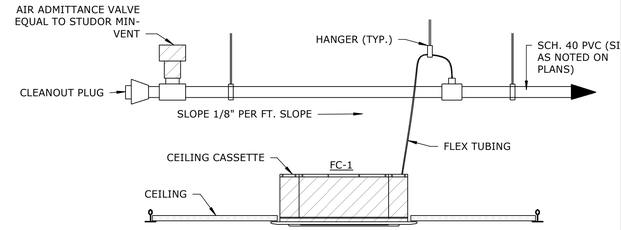
2 INSULATED PIPE HANGER1

NOT TO SCALE



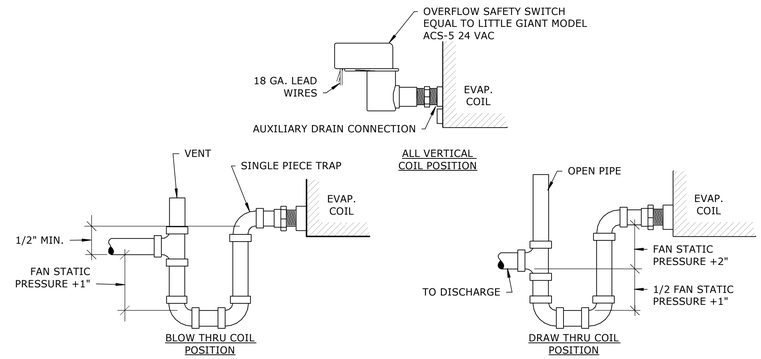
3 DUCTLESS WALL MINISPLIT

NOT TO SCALE



4 DUCTLESS CEILING CASSETTE

NOT TO SCALE

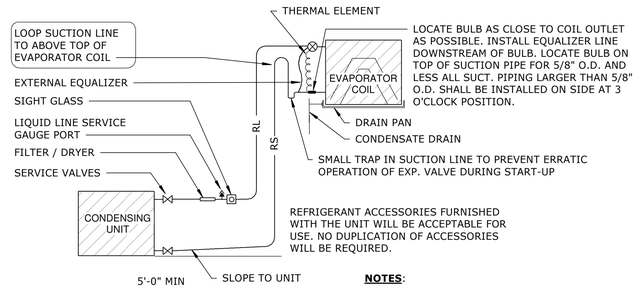


NOTES:

1. RUNNING TRAPS WILL NOT BE ACCEPTED.
2. INSTALL FACTORY FURNISHED TRAP WITH OUTSIDE AIR UNITS.
3. CONDENSATE DISCHARGE LOCATION SHALL MEET REQUIREMENTS OF ALL LOCAL CODES AND AUTHORITIES HAVING JURISDICTION.

5 CONDENSATE TRAP

NOT TO SCALE



NOTES:

1. WRAP EXPANSION VALVE, BULB AND FITTINGS WITH ARMAFLEX INSULATION TAPE AND SECURE WITH BLACK CABLE TIES.
2. TRAP AND LOOP AT EVAPORATOR COIL IS NOT REQUIRED FOR UNITS WITH LIQUID LINE SOLENOID VALVES.
3. SUCTION LINES SHALL BE INSULATED. LIQUID LINES SHALL BE INSULATED ONLY ON DUCTLESS MINI-SPLITS.

6 REFRIGERANT PIPING

NOT TO SCALE

REVIVAL ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
501-951-3316
www.revivalarch.com
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STATE OF ARKANSAS
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No. 20814
ALEXANDER TRULOVE

TRU ENGINEERING
Alex Trulove, PE
MEP Consulting
alex@truengineering.net
501-993-7149
708 N Charles St.
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MECHANICAL DETAILS I

SHEET NO.
OM-2.1

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REFER TO ALTERNATE DEDUCT #1

HVAC -- AHU - INDOOR SCHEDULE - OSCEOLA

DESIGNATION		DESCRIPTION	MANUFACTURER	MODEL	NOMINAL	HEATING TYPE	ELECTRICAL DATA		REMARKS
TYPE	MARK						VOLTAGE	PHASE	
FC	1	MULTIPOSITION FAN COIL	SAMSUNG	AC054KNZDCH	4.5 ton	HEAT PUMP	240 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT
FC	2	MULTIPOSITION FAN COIL	SAMSUNG	AC036KNZDCH	3.0 ton	HEAT PUMP	240 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT
FC	3	MULTIPOSITION FAN COIL	SAMSUNG	AC054KNZDCH	4.5 ton	HEAT PUMP	240 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT
FC	4	MULTIPOSITION FAN COIL	SAMSUNG	AC054KNZDCH	4.5 ton	HEAT PUMP	240 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT

HVAC -- CONDENSER SCHEDULE - OSCEOLA

DESIGNATION		DESCRIPTION	MANUFACTURER	MODEL	NOMINAL CAPACITY	ELECTRICAL DATA			
TYPE	MARK					VOLTAGE	PHASE	MCA	MOCP
HP	1	VARIABLE SPEED HEAT PUMP	SAMSUNG	AC054KXADCH	4.5 ton	240 V	1	42.0 A	70.0 A
HP	2	VARIABLE SPEED HEAT PUMP	SAMSUNG	AC036BXADCH	3.0 ton	240 V	1	23.0 A	35.0 A
HP	3	VARIABLE SPEED HEAT PUMP	SAMSUNG	AC054KXADCH	4.5 ton	240 V	1	42.0 A	70.0 A
HP	4	VARIABLE SPEED HEAT PUMP	SAMSUNG	AC054KXADCH	4.5 ton	240 V	1	42.0 A	70.0 A

1. PROVIDE WITH LOW AMBIENT COOLING, HARD-START KIT, HAIL GUARDS, AND LOCAL DISCONNECT.
2. INDOOR AND OUTDOOR UNITS SHALL BE PROVIDED FROM SAME MANUFACTURER.
3. UNITS SHALL BE SELECTED AT AMBIENT CONDITIONS OF: 100 F DB AND 77 F WB.
4. UNITS SHALL MEET CURRENT ENERGY CODE MINIMUM EFFICIENCY REQUIREMENTS.

1. PROVIDE WITH 2" PLEATED FILTER BASE EQUAL TO EZ FILTER. PROVIDE WITH MINIMUM MERV 8 FILTERS. PROVIDE WITH EXTRA SET OF FILTERS AT TEST AND BALANCE AND AT PROJECT COMPLETION.
2. PROVIDE WITH AUXILIARY DRAIN PAN WITH WET SWITCH TO DEENERGIZE UNIT UPON DETECTION OF WATER.
3. PROVIDE WITH ELOSTOMERIC VIBRATION ISOLATION PADS EQUAL TO AMBER BOOTH. PADS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. UNIT SHALL BE SUPPORTED FROM ALL FOUR CORNERS.
4. PROVIDE WITH DISCONNECT SWITCH, REFER TO ELECTRICAL FOR COORDINATION.

HVAC -- DUCTLESS SPLIT FAN COIL SCHEDULE - OSCEOLA

DESIGNATION		DESCRIPTION	MANUFACTURER	MODEL	COOLING DATA		ELECTRICAL DATA		REMARKS
TYPE	MARK				MAX SUPPLY AIR	TOTAL COOLING	VOLTAGE	PHASE	
DSFC	1A	1.5 TON CEILING CASSETTE	SAMSUNG	AC018BNNDCH	400 CFM	18,000 Btu/h	240 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT
DSFC	1B	1.5 TON CEILING CASSETTE	SAMSUNG	AC018BNNDCH	400 CFM	18,000 Btu/h	240 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT
DSFC	2A	1.5 TON CEILING CASSETTE	SAMSUNG	AC018BNNDCH	400 CFM	18,000 Btu/h	240 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT
DSFC	2B	1.5 TON CEILING CASSETTE	SAMSUNG	AC018BNNDCH	400 CFM	18,000 Btu/h	240 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT
DSFC	3	12 MBH WALL COIL UNIT	SAMSUNG	AR12TSFABWKNCV	600 CFM	12,000 Btu/h	240 V	1	INDOOR UNIT SHALL BE POWERED THROUGH OUTDOOR UNIT

HVAC -- DUCTLESS SPLIT CONDENSER SCHEDULE - OSCEOLA

DESIGNATION		DESCRIPTION	MANUFACTURER	MODEL	ELECTRICAL DATA			
TYPE	MARK				VOLTAGE	PHASE	MCA	MOCP
DSCU	1	3 TON MULTI-SPLIT HEAT PUMP	SAMSUNG	AJ036BXJ4CH	240 V	1	26.0 A	30.0 A
DSCU	2	3 TON MULTI-SPLIT HEAT PUMP	SAMSUNG	AJ036BXJ4CH	240 V	1	26.0 A	30.0 A
DSCU	3	1.5 TON HEAT PUMP	SAMSUNG	AC018BXSCCC	240 V	1	12.0 A	15.0 A

1. PROVIDE WITH INTEGRAL CONDENSATE PUMP.

1. PROVIDE WITH LOW AMBIENT COOLING, HARD-START KIT, HAIL GUARDS, AND LOCAL DISCONNECT.
2. INDOOR AND OUTDOOR UNITS SHALL BE PROVIDED FROM SAME MANUFACTURER.
3. UNITS SHALL BE SELECTED AT AMBIENT CONDITIONS OF: 100 F DB AND 77 F WB.
4. UNITS SHALL MEET CURRENT ENERGY CODE MINIMUM EFFICIENCY REQUIREMENTS.

HVAC -- EXHAUST FAN SCHEDULE - OSCEOLA

DESIGNATION		MANUFACTURER	MODEL	EXHAUST AIR CFM	EXTERNAL STATIC PRESSURE	ELECTRIC MOTOR DATA				REMARKS
TYPE	MARK					MOTOR WATTS	VOLTAGE	PHASE	DRIVE	
EF	1	COOK	GCVF	75 CFM	0.25 in-wg	150 W	120 V	1	DIRECT	INTERLOCK WITH LIGHTS IN ASSOCIATED ROOM
EF	2	COOK	GCVF	75 CFM	0.25 in-wg	150 W	120 V	1	DIRECT	INTERLOCK WITH LIGHTS IN ASSOCIATED ROOM
EF	3	COOK	GCVF	75 CFM	0.25 in-wg	150 W	120 V	1	DIRECT	INTERLOCK WITH LIGHTS IN ASSOCIATED ROOM
EF	4	COOK	GCVF	75 CFM	0.25 in-wg	150 W	120 V	1	DIRECT	INTERLOCK WITH LIGHTS IN ASSOCIATED ROOM

1. PROVIDE WITH SOLID STATE SPEED CONTROLLER, DISCHARGE BACKDRAFT DAMPER, ISOLATOR KIT, DISCONNECT SWITCH.
2. PROVIDE WITH MANUFACTURER'S METAL GRILLE OPTION.
3. EXHAUST FAN SHALL BE SUPPORTED BY STRUCTURE BY MEANS OF ALL THREAD RODS AND MANUFACTURER'S MOUNTING BRACKETS.
4. EXHAUST FAN SHALL BE INTERLOCKED WITH LIGHTS IN ASSOCIATED ROOM.

REVIVAL ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
501-951-3316 www.revivalarch.com SDG

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TRU ENGINEERING
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MEP Consulting
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708 N Charles St.
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MECHANICAL
SCHEDULES - OSCEOLA

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PLUMBING LEGEND

ABBREVIATION OR SYMBOL	DESCRIPTION
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWC	DOMESTIC HOT WATER RETURN
SS	SANITARY SEWER
GW	SANITARY - GREASE WASTE
AW	SANITARY - ACID WASTE
SD	STORM DRAIN
V	VENT
G	NATURAL GAS
CD	CONDENSATE DRAIN

VALVING

BFV BFV	BUTTERFLY VALVE (lever operator)
BFV BFV	BUTTERFLY VALVE (wheel operator)
GV GV	GATE VALVE
CHK CHK	CHECK VALVE
GB GB	GLOBE VALVE
ST ST	STRAINER (Y-TYPE)
BV BV	BALL VALVE

* NOT ALL SYMBOLS MAY APPLY TO THIS PROJECT

ABBREVIATION OR SYMBOL	DESCRIPTION
	FLEXIBLE PIPING
	EXISTING PIPING TO REMAIN (refer to line designation)
	EXISTING TO BE REMOVED (back to point indicated)
	CONNECT TO EXISTING
	BELOW GRADE PIPING (fine dash)

THREADED WATER & GAS PIPING

	PIPE DOWN
	PIPE UP
	THREADED TEE DOWN
	THREADED TEE UP
	BRANCH - BOTTOM OF PIPE
	BRANCH - TOP OF PIPE
	90 DEGREE ELBOW
	45 DEGREE ELBOW
	TEE
	UNION

ABBREVIATION OR SYMBOL	DESCRIPTION
FFE	FINISH FLOOR ELEVATION
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
	PIPE PENETRATION (through floor/wall/etc)IN
	DHW ROUGH-IN

LONG RADIUS SEWER & VENT PIPING

	PIPE DOWN
	PIPE UP
	PIPE WYE DOWN
	PIPE WYE UP
	BRANCH - BOTTOM OF PIPE
	BRANCH - TOP OF PIPE
	ELBOW
	45 DEGREE ELBOW
	WYE WITH EIGHTH BEND
	UNION

PLUMBING GENERAL NOTES:

1. ALL PLUMBING WORK SHALL COMPLY WITH ALL LOCAL CODES, AUTHORITIES HAVING JURISDICTION, DRAWINGS AND SPECIFICATIONS. IF DISCREPANCIES ARE FOUND - THE MOST STRINGENT REQUIREMENT SHALL GOVERN WORK.
2. ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRIC RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, FITTING, OR COMPONENT. CONTRACTOR SHALL NOT SCALE DRAWINGS. EQUIPMENT SCHEDULES SHALL TAKE PRECEDENCE OVER CONFLICTING DRAWING INFORMATION. DRAWINGS SPECIFIC TO THIS DISCIPLINE DO NOT LIMIT THE RESPONSIBILITY OF WORK REQUIRED BY CONTRACT DOCUMENTS. REFER TO COMPLETE PROJECT DOCUMENTS FOR COORDINATION WITH OTHER DISCIPLINES.
3. EXCEPT WHERE MODIFIED BY SPECIFIC NOTATION TO THE CONTRARY, IT SHALL BE UNDERSTOOD THAT THE INDICATION AND/OR DESCRIPTION OF ANY ITEM IN THE DRAWINGS OR SPECIFICATIONS CARRIES WITH IT THE INSTRUCTION TO PROVIDE THE ITEM, REGARDLESS OF WHETHER OR NOT THIS INSTRUCTION IS EXPLICITLY STATED AS PART OF THE INDICATION OR DESCRIPTION.
4. REFER TO PLUMBING SCHEDULES AND SPECIFICATIONS FOR BASIS OF DESIGN, ACCEPTABLE MANUFACTURERS, AND MODELS OF PLUMBING FIXTURES AND EQUIPMENT.
5. PROVIDE CLEANOUTS IN ALL SANITARY LINES, WHETHER SHOWN OR NOT, AT INTERVALS NOT TO EXCEED 100' AND AT EACH CHANGE IN DIRECTION GREATER THAN 45 DEGREES.
6. PROVIDE A TWO-WAY CLEANOUT AT THE JUNCTION OF ALL BUILDING DRAINS AND BUILDING SEWERS.
7. REFER TO SPECIFICATIONS FOR INSULATION REQUIREMENTS.
8. ALL SANITARY LINES 2 1/2" AND SMALLER SHALL HAVE A MINIMUM SLOPE OF 1/4" PER FOOT. ALL SANITARY LINES 3" AND LARGER SHALL HAVE A MINIMUM SLOPE OF 1/8" PER FOOT. VERIFY EXISTING SANITARY LINE ELEVATIONS AND COORDINATE INSTALLATION TO ASSURE PROPER FLOW.
9. SEAL ALL PIPE PENETRATIONS THROUGH WALLS, ROOF, AND FLOOR AIR AND WATER TIGHT.
10. ALL FLOOR DRAINS SHALL HAVE DEEP SEAL TRAPS, 4" DEEP SEAL MINIMUM UNLESS NOTED OTHERWISE. PROVIDE A TRAP GUARD EQUAL TO PROSET OR SURE SEAL SIZED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS FOR ALL FLOOR DRAINS.
11. ALL PIPE DROPS FROM CEILING PLENUM TO BELOW FLOOR SHALL BE MADE IN FURR-OUTS AT COLUMNS, IN WEBB OF BEAMS AT COLUMNS, OR IN WALLS UNLESS SHOWN OTHERWISE.
12. ALL EXPOSED OR ACCESSIBLE P-TRAPS SHALL BE CHROME PLATED AND PROVIDED WITH BOTTOM CLEANOUT PLUGS. ALL EXPOSED PLUMBING TRIM SHALL BE CHROME PLATED.
13. PROVIDE TIGHT-FITTED MOLDED PLASTIC INSULATION AT ALL EXPOSED WATER AND DRAIN PIPING FOR ADA FIXTURES PER ANSI A117.1 AND ADA REQUIREMENTS. FINISH SHALL BE WHITE.
14. ALL DOMESTIC WATER SHALL BE ROUTED ABOVE CEILING. ALL DOMESTIC WATER ROUTED IN EXTERIOR WALLS SHALL BE INSTALLED ON CONDITIONED SIDE OF ROOM INSULATION.
15. MAINTAIN A MINIMUM OF 10' BETWEEN ALL HVAC FRESH AIR INTAKES AND PLUMBING VENTS. COORDINATE WITH MECHANICAL BEFORE INSTALLATION OF VTRs.
16. CONTRACTOR SHALL VISIT SITE AND VERIFY CONDITIONS PRIOR TO BIDDING.
17. CONTRACTOR SHALL PAY ALL UTILITY FEES AND CHARGES IN THE CONTRACT.
18. PROVIDE ALL FITTINGS, TRANSITIONS, COUPLINGS, ADAPTORS, UNIONS, AND OTHER ACCESSORIES NEEDED TO COMPLETE CONNECTIONS AND PROVIDE FOR PROPER OPERATION OF PLUMBING FIXTURES AND PLUMBING EQUIPMENT.
19. FIRE STOP ALL PIPE PENETRATIONS THROUGH RATED WALLS. REFER TO SPECIFICATIONS.
20. PIPING SHALL NOT BE ROUTED OVER ELECTRICAL ROOMS, COMPUTER ROOMS, ELECTRICAL PANELS, OR ELECTRICAL EQUIPMENT UNLESS OTHERWISE NOTED.
21. EACH FIXTURE GROUP OR BATTERY OF FIXTURES SHALL BE PROVIDED WITH A SHUTOFF VALVE IN THE DOMESTIC HOT AND COLD WATER SUPPLY LINES ABOVE CEILING. VALVES SHALL BE ACCESSIBLE FROM ROOM BELOW.
22. PAINT EXPOSED PIPING AND PIPE INSULATION. COORDINATE WITH OWNER FOR FINAL COLOR.
23. ALL UNDER FLOOR WATER PIPING SHALL BE PROVIDED WITH A POLYETHYLENE SLEEVE. EXTEND SLEEVE UP THROUGH FLOOR SLAB AND SEAL AIR AND WATER TIGHT.
24. PLASTIC PIPE IS PROHIBITED IN RETURN AIR PLENUMS. ALL PIPING AND PIPE CONNECTIONS IN RETURN AIR PLENUMS SHALL BE PLENUM RATED.
25. PIPING THROUGH FOUNDATION WALLS AND FOOTINGS SHALL BE SLEEVED AS PER STRUCTURAL DETAILS.
26. ALL PIPE CONNECTIONS BETWEEN DISSIMILAR METALS SHALL BE MADE THROUGH DIELECTRIC UNIONS.
27. ALL PLUMBING COMPONENTS WITH ELECTRICAL REQUIREMENTS SHALL BE INSTALLED WITH THE ELECTRICAL INFRASTRUCTURE NECESSARY TO PROVIDE A FULLY FUNCTIONING SYSTEM. IF NOT SPECIFICALLY SHOWN ON ELECTRICAL SCHEDULE, PLUMBING FIXTURES REQUIRING ELECTRICAL SERVICE SHALL BE FED FROM BREAKER OF ADEQUATE CAPACITY.
28. REFER TO PLUMBING SPECIFICATIONS FOR PIPE MATERIAL AND INSULATION REQUIREMENTS.
29. EXACT LOCATION OF ALL EQUIPMENT AND PIPING SHALL BE COORDINATED WITH OTHER TRADES. CEILING MOUNTED SPRINKLER AND LIGHTING SHALL TAKE PRECEDENCE OVER CEILING MOUNTED MECHANICAL REQUIREMENTS.
30. PROVIDE FABRICATED EXPANSION LOOP OR MANUFACTURED EXPANSION DEVICE ON ALL PIPING SYSTEMS CROSSING BUILDING EXPANSION JOINTS.
31. WATER SUPPLY CONNECTIONS TO COFFEE MACHINES AND NONCARBONATED BEVERAGE DISPENSERS SHALL BE PROVIDED WITH A BACKFLOW PREVENTER OR AN AIR GAP.

DEMOLITION/RENOVATION GENERAL NOTES

1. THE MECHANICAL RELATED DEMOLITION WORK INDICATED ON THE PLANS, SPECIFICATIONS, AND NOTES IS TO BE CLOSELY COORDINATED WITH THE OWNER'S REPRESENTATIVE. NO DEMOLITION SHALL TAKE PLACE IN ANY AREA OR BUILDING UNTIL THE CONTRACTOR HAS BEEN GIVEN APPROVAL TO PROCEED IN THAT SPECIFIC LOCATION. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION AND DEMOLITION SCOPE OF WORK.
2. IF, DURING DEMOLITION, IT BECOMES NECESSARY TO TEMPORARILY REMOVE ANY EQUIPMENT, PIPING, OR OTHER SYSTEM WHICH IS NOT SPECIFICALLY NOTED TO BE REMOVED (THEREBY IMPLYING THAT THEY ARE TO BE LEFT FOR FUTURE USE), THE CONTRACTOR SHALL REINSTALL SAID SYSTEMS TO FULLY OPERABLE CONDITION IN THEIR ORIGINAL LOCATIONS.
3. ALL DEMOLITION WORK SHALL BE SCHEDULED WITH THE OWNER'S REPRESENTATIVE AT LEAST 48 HOURS PRIOR TO THE WORK.
4. PATCH ALL OPENINGS IN WALLS, FLOORS, AND CEILINGS WHERE DUCT, PIPING, AND CONTROLS HAVE BEEN REMOVED TO MATCH EXISTING.
5. ANY DAMAGE TO THE OWNER'S PROPERTY, BUILDING, EXISTING SYSTEMS, OR EQUIPMENT RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER AND ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER.
6. MAINTAIN THE SECURITY OF THE BUILDING AT ALL TIMES.
7. REMOVE ALL EXISTING SUPPORTS ASSOCIATED WITH EQUIPMENT, DUCTWORK, AND PIPE BEING REMOVED UNLESS NOTED OTHERWISE.
8. DISPOSE OF ALL REMOVED EQUIPMENT AS DIRECTED BY THE OWNER.
9. CONTRACTOR SHALL COORDINATE REMOVAL OF UTILITY SERVICES WITH UTILITY COMPANIES AND LOCAL AUTHORITIES AND PAY ALL FEES.
10. SCHEDULE UTILITY WORK WITH OWNER TO KEEP TO A MINIMUM ACCEPTABLE DOWNTIME AND TO NOT INTERFERE WITH THE BUILDING OPERATIONAL SCHEDULE, IF POSSIBLE.
11. MAINTAIN THE FIRE AND SMOKE CONSTRUCTION INTEGRITY OF THE EXISTING BUILDINGS.
12. DO NOT VENT REFRIGERANT TO ATMOSPHERE. RECOVER REFRIGERANT FOR REUSE USING ASHRAE RECOMMENDED PROCEDURES.
13. EXISTING EQUIPMENT SHALL BE RELOCATED AS NECESSARY FOR THE INSTALLATION OF THE NEW SYSTEMS. METHODS AND POSITIONS OF THE RELOCATIONS SHALL HAVE PRIOR APPROVAL OF THE ARCHITECT.
14. DEMOLITION AND SHUTDOWN OF EXISTING HVAC SYSTEMS THAT WILL AFFECT PORTIONS OF THE BUILDING OUTSIDE OF PROJECT AREA SHALL BE COORDINATED WITH OWNER'S REPRESENTATIVE AND PLANNED TO LIMIT INCONVENIENCE AND DISRUPTION OF BUILDING OPERATIONS AS MUCH AS POSSIBLE. WORK SHALL BE PHASED ACCORDINGLY. PLUMBING OR HVAC WORK REQUIRED IN OCCUPIED AREAS OUTSIDE OF THE FLOOR AREA SHALL BE SCHEDULED WITH THE OWNER 48 HOURS IN ADVANCE.
15. THE EQUIPMENT LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE FINAL LOCATIONS SHALL BE ESTABLISHED IN THE FIELD TO BEST FIT THE AVAILABLE SPACE. COORDINATE WITH STRUCTURAL DRAWINGS.
16. INSPECT THE EXISTING SYSTEM; ANY EXISTING EQUIPMENT, DUCTS, OR PIPING FOUND TO BE DAMAGED OR NON-OPERABLE SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE IMMEDIATELY.
17. PHASE DEMOLITION AND RENOVATION WORK TO MAINTAIN EXISTING BUILDING AS REQUIRED BY BUILDING OWNER/OCCUPANTS. PROVIDE TEMPORARY SERVICES AS REQUIRED.
18. WORK REQUIRED IN THE AREAS OUTSIDE OF THE FLOOR AREA FOR PLUMBING OR HVAC WORK SHALL BE SCHEDULED WITH THE OWNER 48 HOURS IN ADVANCE. COORDINATE AND SCHEDULE ALL CONNECTIONS TO EXISTING SYSTEMS AND SYSTEM SHUT-DOWNS WITH OWNER'S REPRESENTATIVE.
19. ANY DAMAGE TO THE EXISTING BUILDING, STRUCTURE, FINISHES, OR ARCHITECTURAL FEATURES CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER WITHOUT ADDITIONAL COST TO THE OWNER.

1

REFER TO ALTERNATE DEDUCT #2

PLUMBING -- FIXTURE SCHEDULE - OSCEOLA

TAG	DESCRIPTION	MANUFACTURER	MODEL	ACCESSORIES	FAUCETS & FITTINGS	STOPS	TRAPS	MOUNTING	BRANCH CONNECTIONS DCW	DHW	SS	REMARKS
P1	WATER CLOSET - FLUSH TANK - ADA	ZURN	Z5551-K	ADA ELONGATED SEAT	-	MCGUIRE COMMERCIAL	INTEGRAL	FLOOR	1/2"		4"	
P2A	WALL HUNG LAVATORY	ZURN	Z5310	GRID DRAIN	ZURN 831B4-XL	MCGUIRE COMMERCIAL	MCGUIRE COMMERCIAL	WALL	1/2"	1/2"	2"	MOUNT AT ADA HEIGHT
P2B	WALL HUNG LAVATORY	ZURN	Z5310	GRID DRAIN	KOHLER K-97031	MCGUIRE COMMERCIAL	MCGUIRE COMMERCIAL	WALL	1/2"	1/2"	2"	
P3	SINK - ADA - SINGLE COMPARTMENT	ELKAY	LR2022	-	ZURN 831B4-XL	MCGUIRE COMMERCIAL	MCGUIRE COMMERCIAL	COUNTER	1/2"	1/2"	2"	
P4	KITCHEN SINK - SINGLE COMPARTMENT	ELKAY	DLRS332210	BADGER 5XP GARBAGE DISPOSAL	ZURN 831B4-XL	MCGUIRE COMMERCIAL	MCGUIRE COMMERCIAL	COUNTER	1/2"	1/2"	2"	
P5	SINK - DOUBLE COMPARTMENT	ELKAY	3321	-	ZURN 831B4-XL	MCGUIRE COMMERCIAL	MCGUIRE COMMERCIAL	COUNTER	1/2"	1/2"	2"	
P6	DROP IN LAVATORY - OVAL	ZURN	Z5810	GRID DRAIN	KOHLER K-97031	MCGUIRE COMMERCIAL	MCGUIRE COMMERCIAL	COUNTER	1/2"	1/2"	2"	

1 ALL FIXTURES SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATION.
2 CONTRACTOR IS RESPONSIBLE FOR COORDINATING FAUCET SPACING AND STYLE WITH MOUNTING HOLES IN FIXTURE.
3 ALL FIXTURES WITH HOT WATER FEEDS SHALL BE PROVIDED WITH THERMOSTATIC MIXING VALVE INSTALLED AS PER MANUFACTURER'S RECOMMENDATION.
4 CONTRACTOR SHALL INSTALL ALL PLUMBING FIXTURES IN COMPLIANCE WITH ALL APPLICABLE CODES AND ALL AUTHORITIES HAVING JURISDICTION.

PLUMBING -- EQUIPMENT SCHEDULE - OSCEOLA

TAG	MARK	DESCRIPTION	MANUFACTURER	MODEL	MOUNTING	BRANCH CONNECTIONS DCW	DHW	WATTAGE	DESIGN EWT	WH SETPOINT	VOLTAGE (V)	PHASE	REMARKS
WH	1	LIGHT COMMERCIAL TANK ELECTRIC WATER HEATER	AO SMITH	G12-FDT5040NVR	FLOOR	3/4"	3/4"	40,000 Btu/h	55.0 °F	120.0 °F	208 V	1	REFER TO WATER HEATER DETAIL.

REVIVAL ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
501-951-3316
www.revivalarch.com
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STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 20814
ALEXANDER TRULOVE

TRU ENGINEERING
Alex Trulove, PE
MEP Consulting
alex@truengineering.net
501-993-7149
708 N Charles St.
Searcy, AR 72143

CERTIFICATE OF AUTHORIZATION
TRU ENGINEERING, LLC
No. 6608
ARKANSAS

Project Name:
Mississippi County Health Units
Osceola

ISSUE DATE
August 26, 2022

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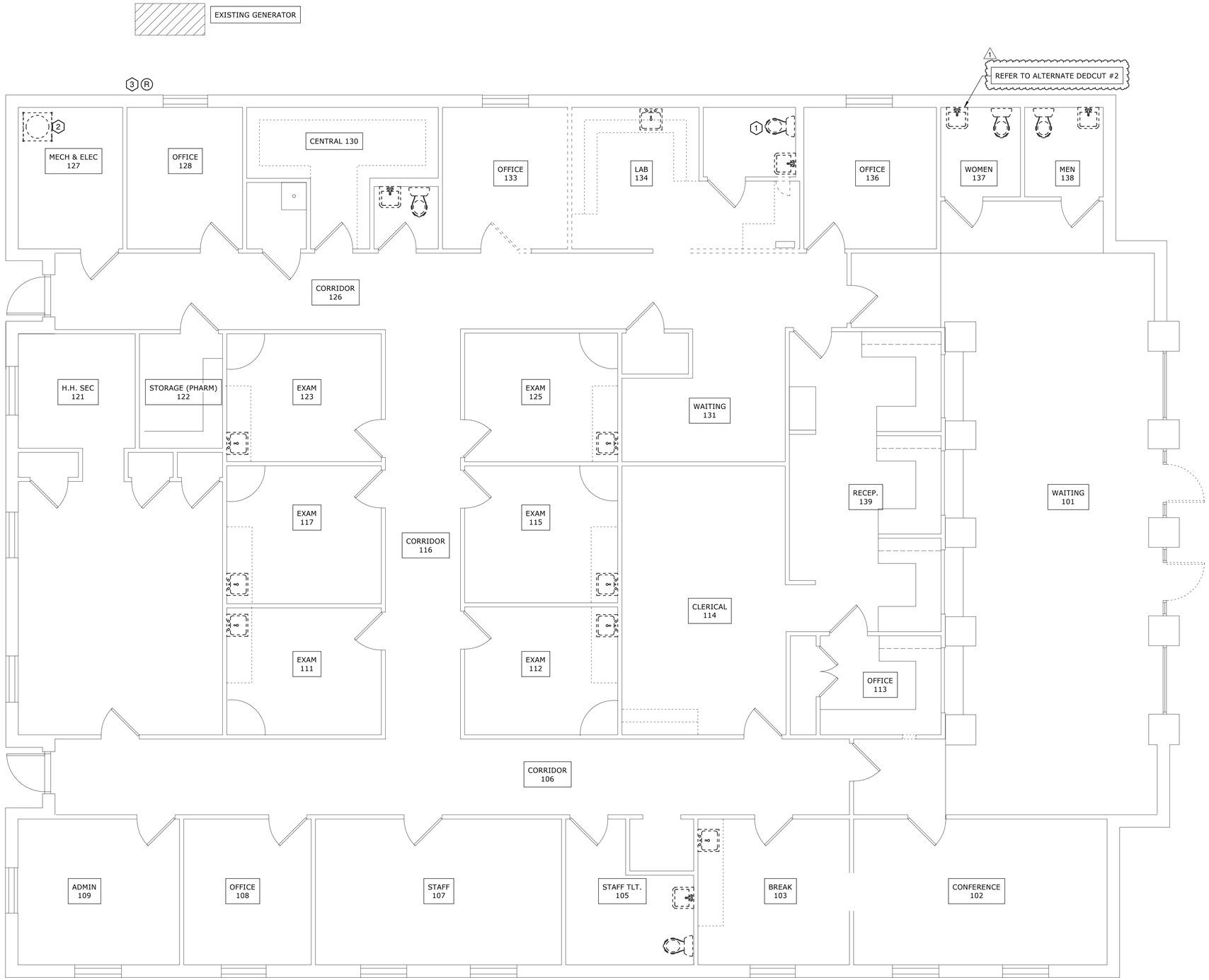
SHEET CONTENTS:
PLUMBING NOTES, SCHEDULES, AND LEGENDS

SHEET NO.
OP-0.1



KEYED NOTES

1. REMOVE EXISTING PLUMBING FIXTURES COMPLETE BACK TO STOP, TYPICAL ALL.
2. REMOVE EXISTING WATER HEATER AND ASSOCIATE RECIRC PUMP COMPLETE.
3. EXISTING NATURAL GAS REGULATOR. REMOVE ALL EXISTING PIPING WITH EXISTING GERNATOR TO BE DEMOLISHED.

1 DEMO PLUMBING PLAN - OSCEOLA

1/4" = 1'-0"

NORTH

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P.O. Box 400, Scott, Arkansas 72142
501-951-3316 www.revivalarch.com SD.G.

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 20814
10-28-22
ALEXANDER TRULOVE

TRU ENGINEERING
Alex Trulove, PE
MEP Consulting
alex@truengineering.net
501-960-7149
708 N Charles St.
Searcy, AR 72143

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DEMO PLUMBING PLAN - OSCEOLA

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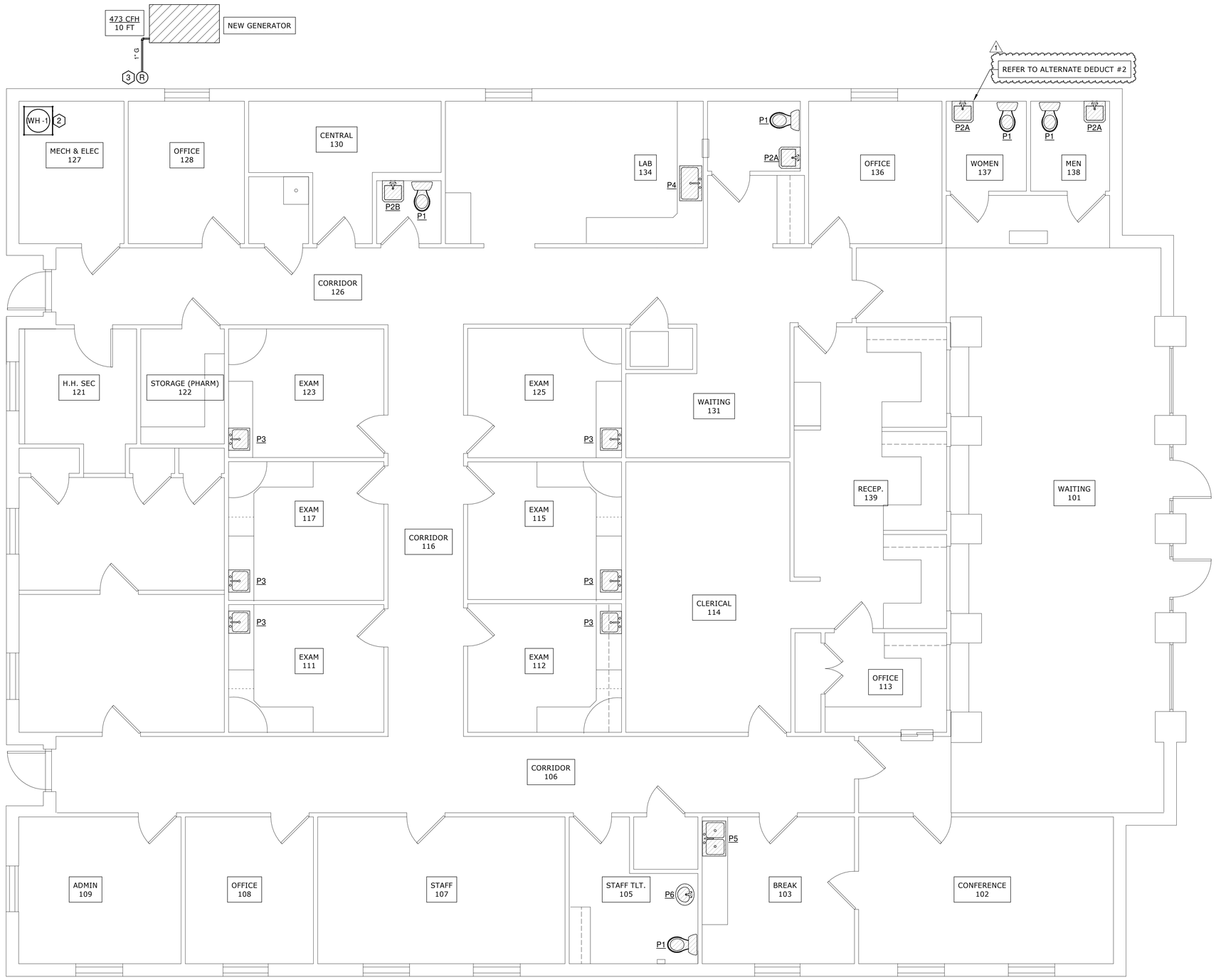
OP-1.1



KEYED NOTES

1. NEW PLUMBING FIXTURE TO CONNECT TO EXISTING SANITARY/DCW/DHW SUPPLIES. TYPICAL ALL.
2. NEW WATER HEATER AND RECIRC PUMP. SEE WATER HEATER DETAIL FOR FULL REQUIREMENTS.
3. PROVIDE 1" GAS LINE BELOW GRADE TO NEW GENERATOR. BALANCE REGULATOR AS REQUIRED FOR INCREASED CAPACITY.

FIXTURE CONNECTION Ø - OSCEOLA

TAG	DESCRIPTION	BRANCH CONNECTIONS DCW	DHW	SS
P1	WATER CLOSET - FLUSH TANK - ADA	1/2"		4"
P2A	WALL HUNG LAVATORY	1/2"	1/2"	2"
P2B	WALL HUNG LAVATORY	1/2"	1/2"	2"
P3	SINK - ADA - SINGLE COMPARTMENT	1/2"	1/2"	2"
P4	KITCHEN SINK - SINGLE COMPARTMENT	1/2"	1/2"	2"
P5	SINK - DOUBLE COMPARTMENT	1/2"	1/2"	2"
P6	DROP IN LAVATORY - OVAL	1/2"	1/2"	2"

1 RENO PLUMBING PLAN - OSCEOLA

1/4" = 1'-0"

NORTH

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P.O. Box 400, Scott, Arkansas 72142
501-951-3316 www.revivalarch.com

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STATE OF ARKANSAS LICENSED PROFESSIONAL ENGINEER No. 20814 ALEXANDER TRULOVE

TRU ENGINEERING
Alex Trulove, PE
MEP Consulting
alex@truengineering.net
501-993-7149
708 N Charles St.
Searcy, AR 72143

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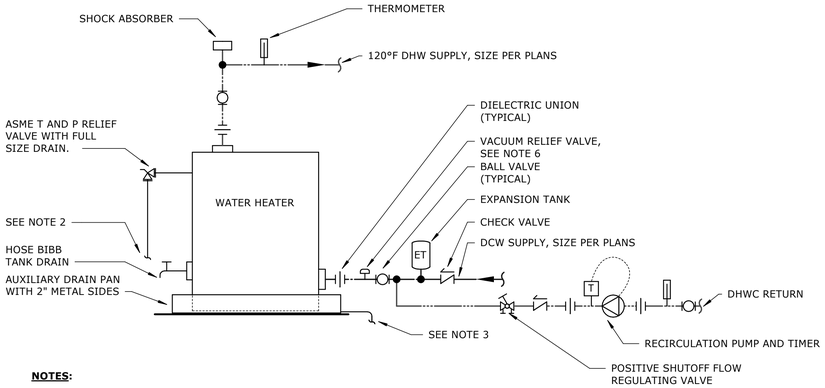
SHEET CONTENTS: RENO PLUMBING PLAN - OSCEOLA

SHEET NO.
OP-1.2

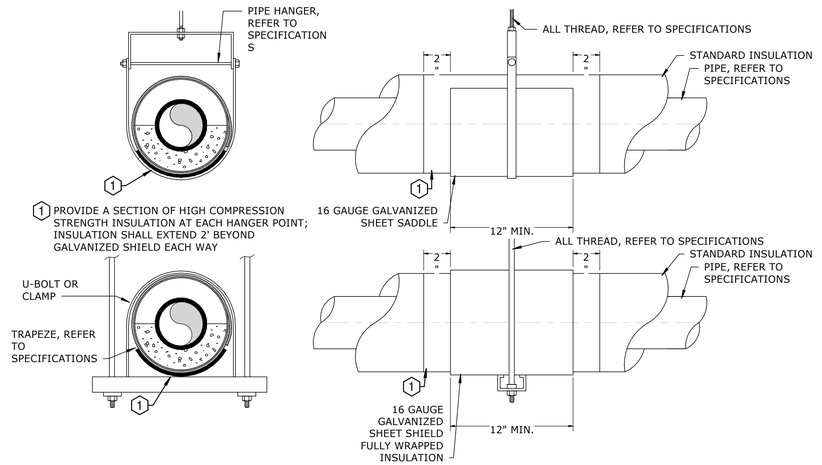


NOTES:

1. PROVIDE THERMAL EXPANSION TANK ON COLD WATER INLET. SIZE PER MANUFACTURER'S RECOMMENDATION.
2. T & P RELIEF VALVE SHALL DISCHARGE FULL SIZE TO SANITARY. T&P DISCHARGE SHALL NOT CAUSE A THREAT TO OR INTERFERE WITH FACILITY OPERATIONS, FACILITY ITSELF, EQUIPMENT OR PERSONNEL. THE DISCHARGE PIPE SHALL NOT HAVE ANY TRAPPED SECTIONS.
3. PAN DRAIN SHALL EXTEND FULL SIZE TO SANITARY.
4. T & P RELIEF VALVE AND DRAIN PAN DISCHARGE SHALL CONFORM TO ALL LOCAL CODES AND AUTHORITIES HAVING JURISDICTION.
5. FOR SUSPENDED WATER HEATERS, PROVIDE PRE-MANUFACTURED PLATFORM EQUAL TO 'HOLD-RITE'. PLATFORM SHALL BE RATED FOR FULL WEIGHT OF WATER HEATER AND ACCESSORIES WHEN FILLED. PROVIDE SECONDARY SEISMIC STRAP AROUND WATER HEATER AND SECURED TO STRUCTURE.
6. PROVIDE BOTTOM FED WATER HEATERS WITH VACUUM RELIEF VALVE WHICH MEETS ANSI Z21.22.
7. SET PUMP TIMER SO THAT RECIRCULATION PUMP OPERATES ONLY DURING OCCUPIED HOURS.

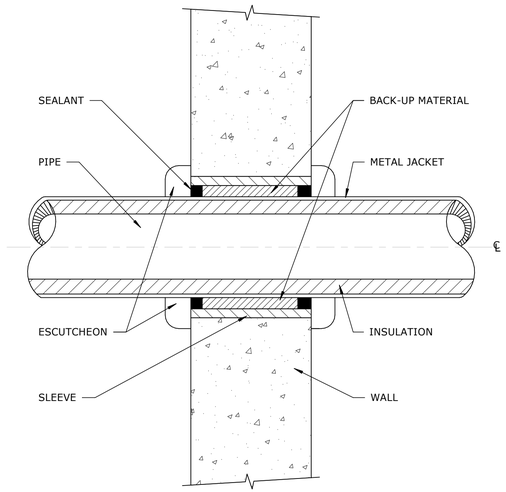
1 WATER HEATER - SINGLE TEMP. W/RECIRC.

NOT TO SCALE



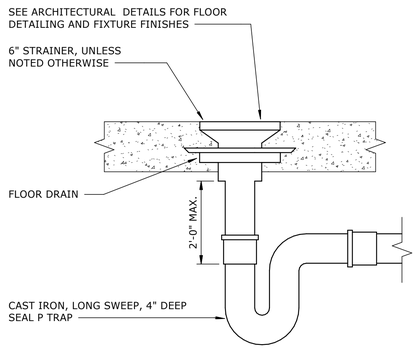
2 INSULATED PIPE HANGER

NOT TO SCALE



3 PIPE SLEEVE THROUGH WALL

NOT TO SCALE



NOTE: PROVIDE TRAP GUARD INSERT

4 FLOOR DRAIN

NOT TO SCALE

HAMMER ARRESTOR SCHEDULE		
SUPPLY BRANCH SIZE	HAMMER ARRESTOR CONNECTIONS	FIXTURE UNITS
1/2" - 1"	1/2"	1-11
1-1/4"	3/4"	12-32
1-1/2"	1"	33-60
2"	1"	61-113
2-1/2"	1"	114-154
3"	1"	155-330

NOTES:

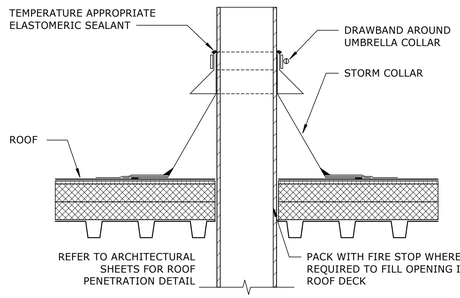
1. ALL BATHROOM GROUPS SHALL INCLUDE A MINIMUM OF ONE DCW ARRESTOR AND ONE HW ARRESTOR SIZED PER HAMMER ARRESTOR SCHEDULE. ADDITIONAL ARRESTORS SHALL BE INSTALLED WHERE INDICATED.
2. ARRESTORS SHALL BE P.D.I.-WH201 APPROVED AND CERTIFIED.
3. ARRESTORS SHALL HAVE WROUGHT COPPER SHELL WITH THREADED CONNECTIONS AND HYDRO-PNEUMATIC AIR CUSHION.
4. PROVIDE ACCESS TO ARRESTORS.
5. FURNISH AND INSTALL WITH ISOLATION VALVES INDEPENDENT OF ASSEMBLY.

5 WATER HAMMER ARRESTOR SCHEDULE

NOT TO SCALE

NOTES:

1. VENT ABOVE ROOF SHALL BE PAINTED TO MATCH ROOF. COORDINATE WITH ARCHITECT.
2. IF ARCHITECTURAL PIPE PENETRATION DETAIL IS AVAILABLE, IT SHALL SUPERCEDE THIS DETAIL.



6 VENT THROUGH ROOF

NOT TO SCALE

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ARCHITECTURE
P.O. Box 400, Scott, Arkansas 72142
501-951-3316
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PLUMBING DETAILS

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