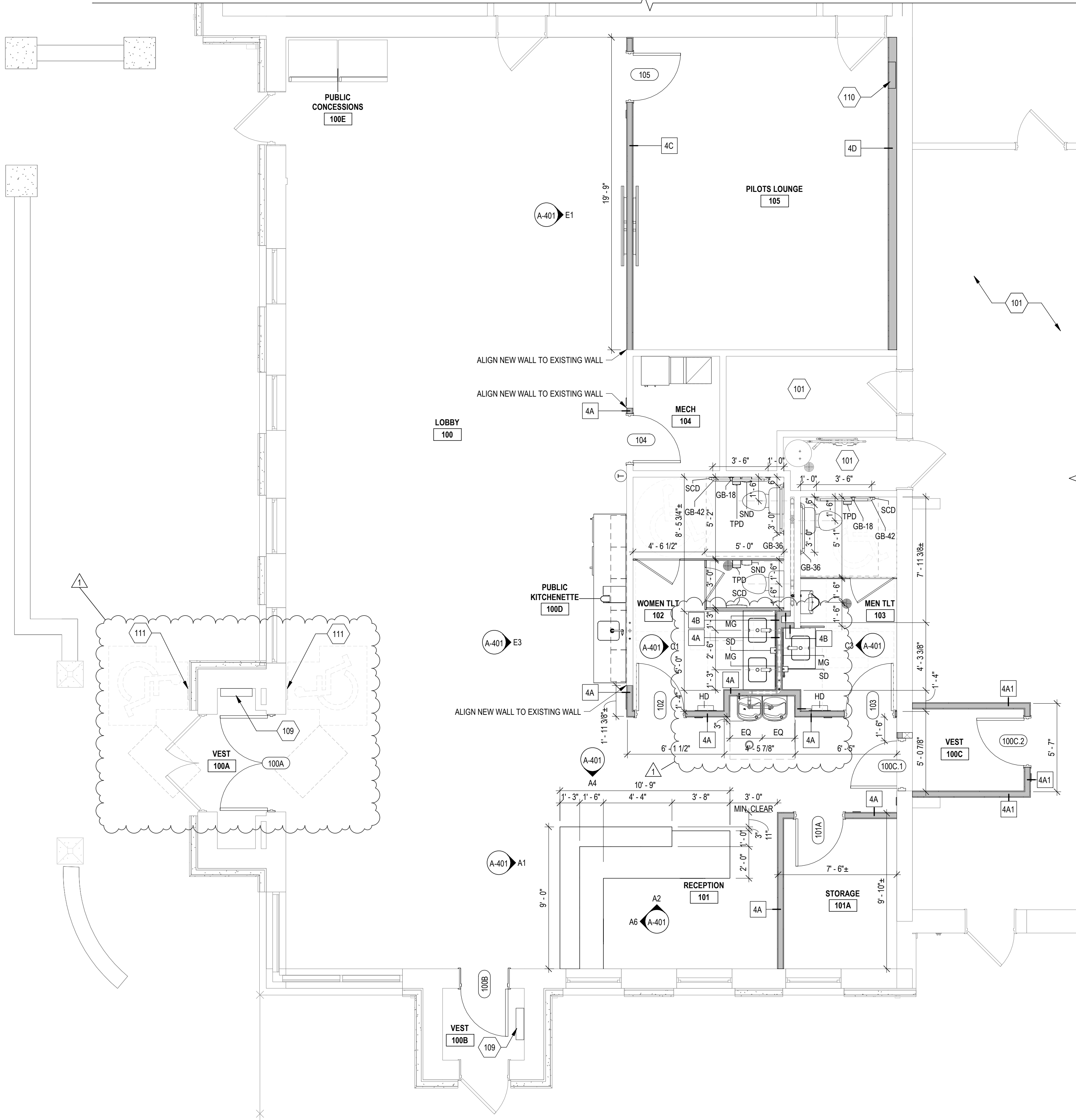


A1

FLOOR PLAN - NEW WORK

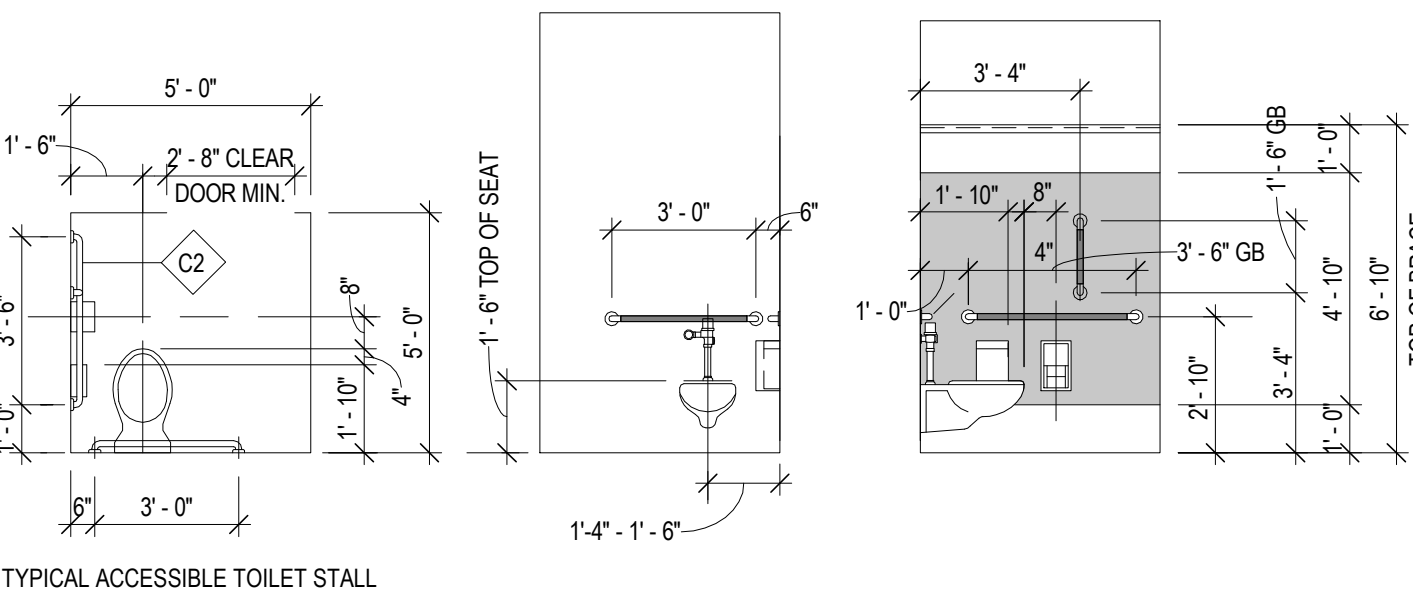
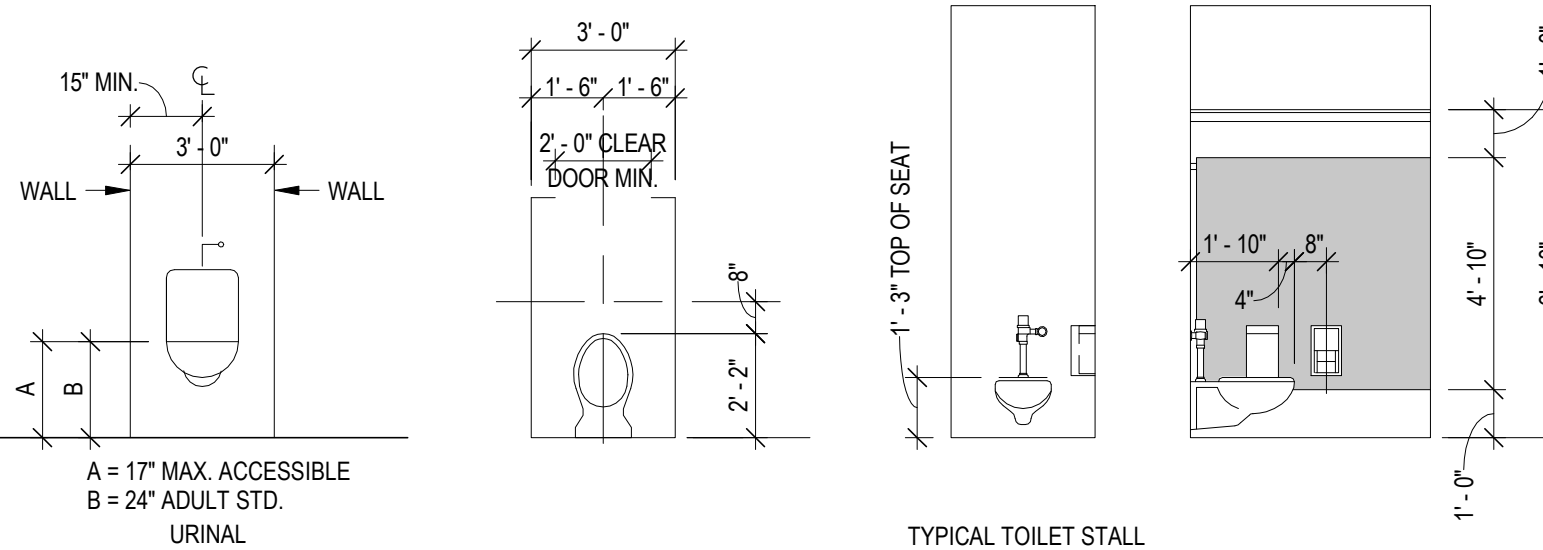
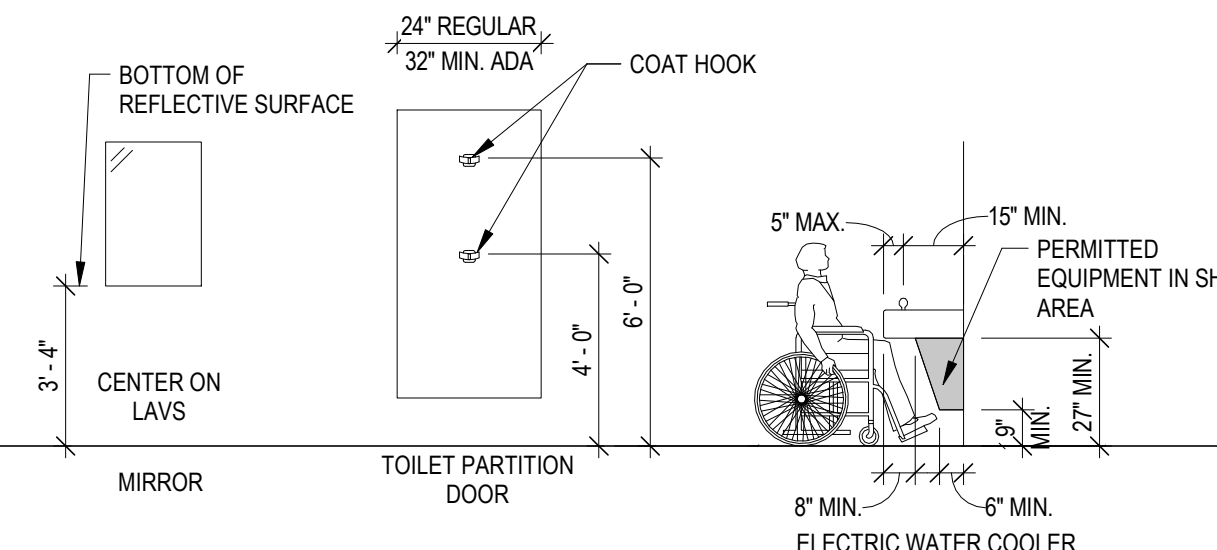
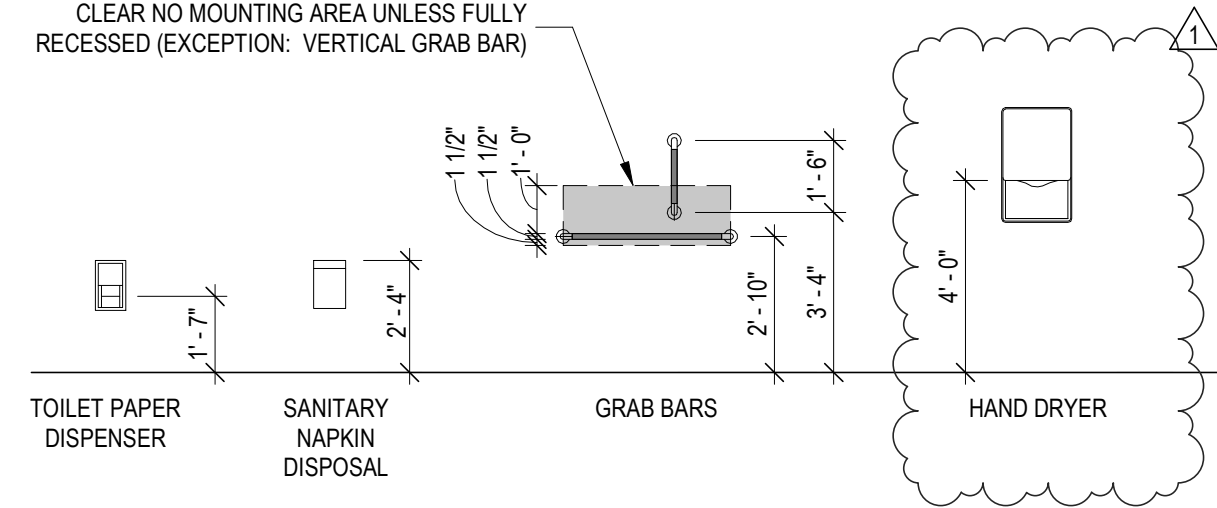
1/4" = 1'-0"



TOILET ACCESSORY SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	MODEL	COMMENTS
GB-18	GRAB BAR, 18"	BOBRICK	B-5806 X 18	WALL MOUNTED
GB-36	GRAB BAR, 36"	BOBRICK	B-5806 X 36	WALL MOUNTED
GB-42	GRAB BAR, 42"	BOBRICK	B-5806 X 42	WALL MOUNTED
HD	HAND DRYER WITH RECESS KIT	EXCEL DRYER	XL-SB WITH 40502	RECESSED IN WALL
MG	MIRROR GLASS, 24" X 36"	BOBRICK	B-465 2436	WALL MOUNTED
SCD	SEAT COVER DISPENSER	BOBRICK	B-4221	WALL AND SURFACE MOUNTED
SD	SOAP DISPENSER	BOBRICK	B-2013	WALL MOUNTED
SND	SANITARY NAPKIN DISPOSAL	BOBRICK	B-270	WALL AND SURFACE MOUNTED
TPD	TOILET PAPER DISPENSER	BOBRICK	B-4288	WALL AND SURFACE MOUNTED

CLEAR NO MOUNTING AREA UNLESS FULLY RECESSED (EXCEPTION: VERTICAL GRAB BAR)



B5 TYP. PLUMB. FIXT. & TOILET ACCESSORY ELEVATIONS
1/4" = 1'-0"

GENERAL NOTES:

- ALL DIMENSIONS TO BE VERIFIED IN FIELD PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT OF ALL DISCREPANCIES PRIOR TO STARTING WORK.
- ALL DIMENSIONS ARE FACE OF MASONRY, POURED CONCRETE, OR FACE OF STUD (WOOD OR METAL, U.N.O.)
- ALL INTERIOR PARTITIONS TO BE TYPE 4A UNLESS NOTED OTHERWISE. REFER TO SHEET A-501 FOR PARTITION DETAILS.
- ALL INTERIOR DOOR FRAMES SHALL BE LOCATED A DISTANCE OF SIX INCHES FROM THROAT RETURN TO THE CLOSEST ADJACENT PERPENDICULAR PARTITION, U.N.O.
- PROVIDE SOLID BLOCKING/BACKING IN-WALL CAVITIES AT ALL WALL MOUNTED CASEWORK, FIXTURES, EQUIPMENT AND SHELVING. REFER TO TYPICAL PARTITION AND BACK PLATE DETAILS FOR ADDITIONAL INFORMATION.
- REFER TO MEP DRAWINGS FOR MOUNTING HEIGHTS OF SWITCHES, OUTLETS, ALARMS AND ALL SURFACE MOUNTED COMPONENTS.
- ALL MASONRY DIMENSIONS ARE NOMINAL, U.N.O.

SHEET KEYNOTES:

101	NO WORK, EXISTING TO REMAIN
109	MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS
110	ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS
111	ADA PUSH BUTTON PROVIDED AND INSTALLED TO OPERATE DOOR ON SOUTH SIDE OF VESTIBULE. REFER TO ELECTRICAL DRAWINGS FOR MORE DETAILS.

KEY PLAN

NOT TO SCALE



GREENE COUNTY - LEWIS A. JACKSON
REGIONAL AIRPORT
INTERIOR TERMINAL I19
RENOVATION

140 N VALLEY ROAD
XENIA, OH 45386

PROJECT NO: 10012540
DATE ISSUED: 02/20/2023

DESIGNED BY: F. HEISTERKAMP
DRAWN BY: F. HEISTERKAMP
CHECKED BY: K. BARKER

SHEET NAME:
FLOOR PLAN - NEW WORK

SHEET NO:

A-101

ISSUANCE SCHEDULE

DATE

NUMBER

03/07/23
1
ADDENDUM 1

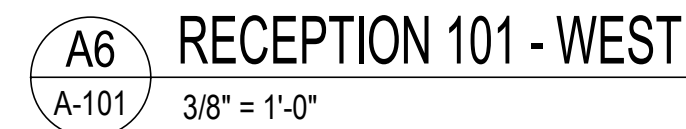
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C

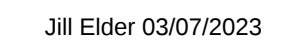
D

E

A



102	PLASTIC LAMINATE CABINETRY
103	SOLID SURFACE COUNTERTOP AND BACKSPLASH
104	SINK, REFER TO PLUMBING DRAWINGS
105	GYPSUM WALLBOARD SOFFIT
107	INTERIOR SIGNAGE, REFER TO SIGNAGE SCHEDULE



ISSUANCE SCHEDULE		
NUMBER	DATE	DESCRIPTION
1	03/07/23	ADDENDUM 1

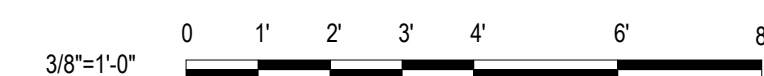
140 N VALLEY ROAD
XENIA, OH 45386

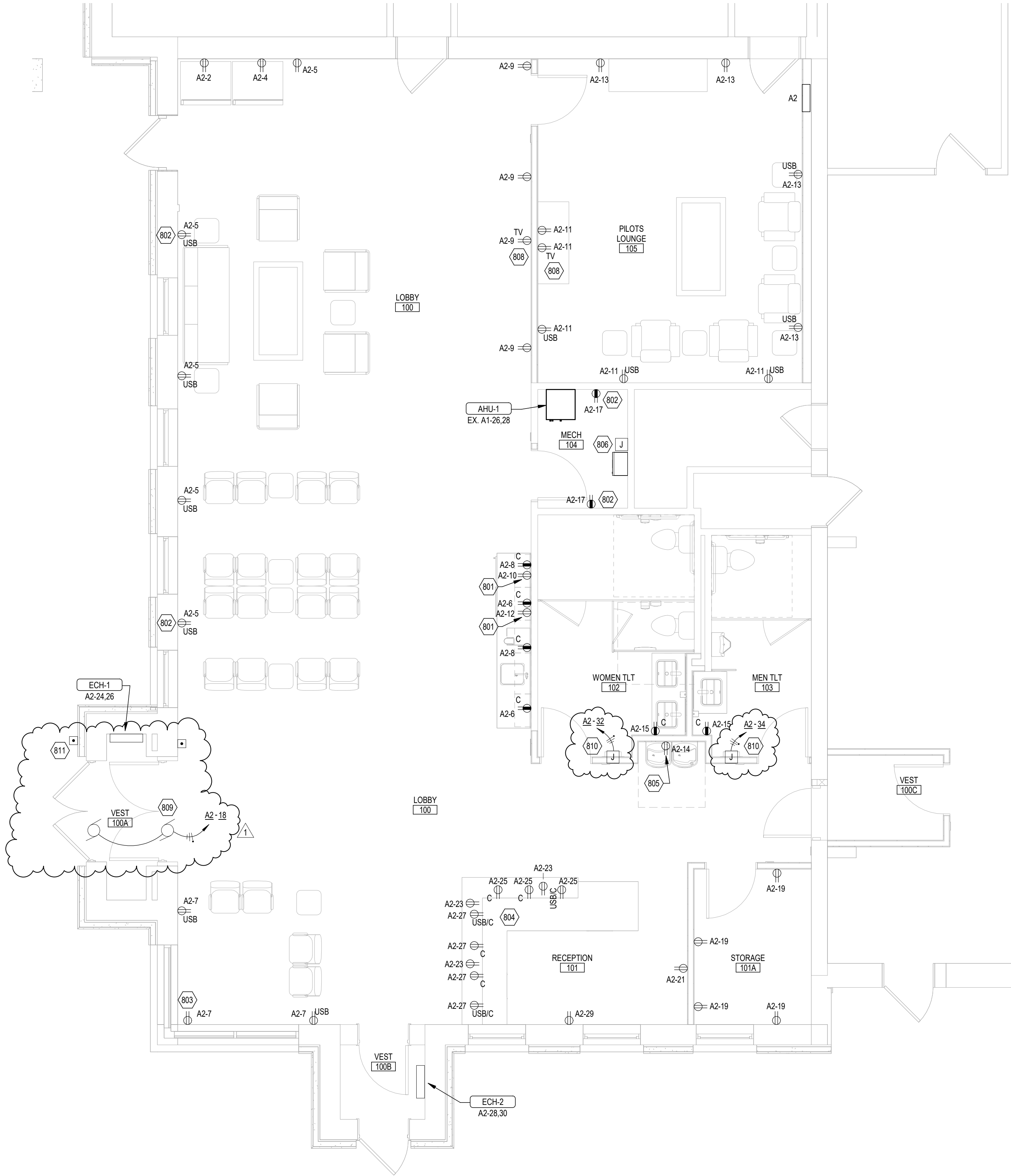
SHEET NO:

A-401

REVISED ADDENDUM #1

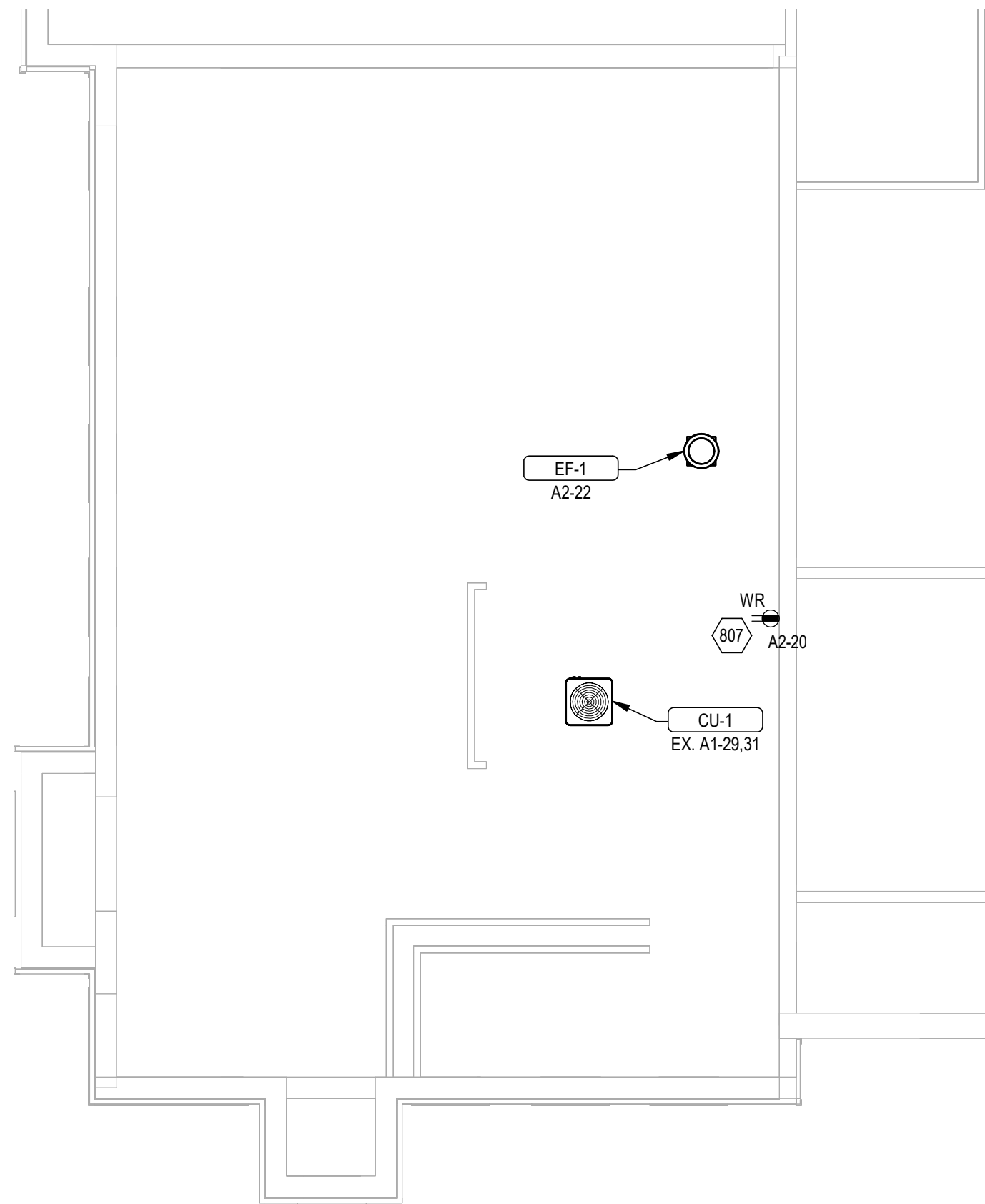
GRAPHIC SCALE





A1 POWER PLAN
1/4" = 1'-0"

A5 ROOF POWER PLAN
1/8" = 1'-0"

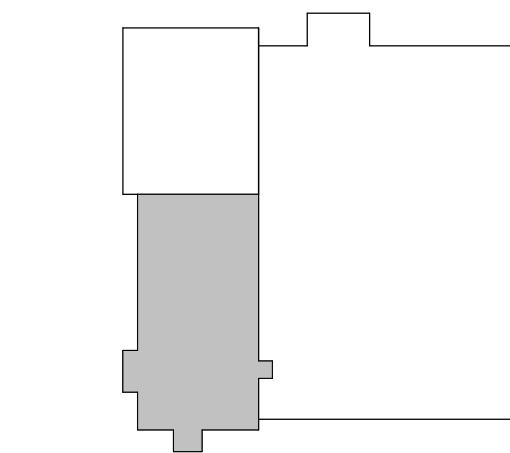


C5 OVERALL POWER PLAN
1/16" = 1'-0"

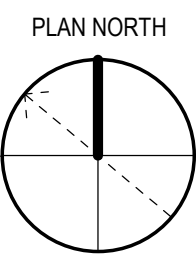
SHEET KEYNOTES:

- 801 RECEPTACLE TO BE MOUNTED AT 24" AFF IN CASEWORK FOR APPLIANCE. COORDINATE WITH CASEWORK INSTALLER.
- 802 NEW RECEPTACLE TO BE MOUNTED IN SAME LOCATION AS EXISTING THAT WAS REMOVED. EXISTING CONDUIT AND BOX MAY BE REUSED.
- 803 RECEPTACLE TO BE MOUNTED UNDER WINDOW AT 10" AFF.
- 804 TYPE "C" RECEPTACLE TO BE MOUNTED ABOVE COUNTER, OTHER RECEPTACLES TO BE MOUNTED UNDER COUNTER. REFER TO ARCHITECTURAL DRAWINGS.
- 805 COORDINATE LOCATION OF RECEPTACLE WITH WATER COOLER INSTALLER.
- 806 POWER CONNECTION FOR HVAC CONTROL UNIT. COORDINATE REQUIREMENTS WITH HVAC CONTRACTOR.
- 807 MOUNT RECEPTACLE WITHIN 25' OF MECHANICAL EQUIPMENT. RECEPTACLE TO BE GFCI, WATER RESISTANT TYPE WITH IN-USE COVER.
- 808 REFER TO ARCHITECTURAL DRAWINGS FOR TV MOUNTING. RECEPTACLE TO BE AT 60" AFF OR ABOVE BRACKET.
- 809 PROVIDE POWER CONNECTIONS FOR DOOR OPENERS. PROVIDE CONDUIT FOR PUSH BUTTONS ALONG WITH MOUNTING AND CONNECTIONS OF PUSHBUTTONS. COORDINATE WITH GENERAL CONTRACTOR.
- 810 PROVIDE POWER FOR HAND DRYERS. COORDINATE WITH GENERAL CONTRACTOR.
- 811 EXISTING JUNCTION BOX AND CONDUIT FOR EXTERIOR PUSHBUTTON.

REVISED ADDENDUM #1



KEY PLAN
NOT TO SCALE



**GREENE COUNTY - LEWIS A. JACKSON
REGIONAL AIRPORT
INTERIOR TERMINAL I19
RENOVATION**

140 N VALLEY ROAD
XENIA, OH 45386

PROJECT NO: 10012540
DATE ISSUED: 02/20/2023
DESIGNED BY: R. VOISARD
DRAWN BY: R. VOISARD
CHECKED BY: P. DIETERLEN

SHEET NAME:
POWER PLANS

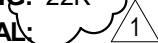
SHEET NO:

E-201

ISSUANCE SCHEDULE

NUMBER	DATE	DESCRIPTION
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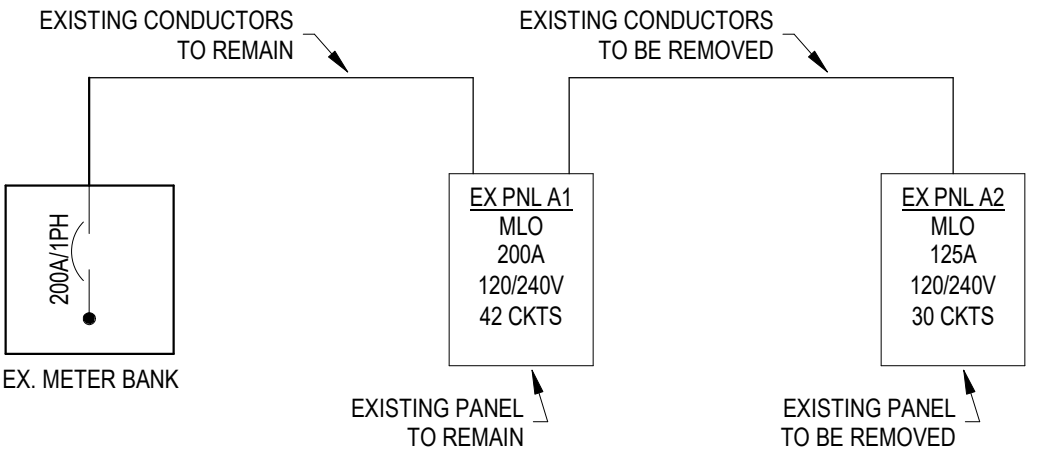
PANELBOARD: EX. A1													
LOCATION: SURFACE				VOLTAGE: 120/240V, 1Ø, 3W									
MOUNTING: MLO				A.I.C. RATING:									
MAIN DEVICE: MLO				SPECIAL: ITALICIZED CIRCUIT BREAKERS ARE EXISTING AND LOADS ARE ESTIMATED BASED ON FIELD CONDITIONS. CIRCUIT BREAKERS THAT HAVE LOADS REMOVED SHALL HAVE THE CIRCUIT BREAKER RE-LABELED AS SPARE. LOADS IN LOAD CLASSIFICATION DO NOT INCLUDE EXISTING LOADS.									
BUS AMPS: 225													
# of Circuits 42													
NOTES	LOAD DESCRIPTION	BKR	POLES	CKT	A		B		CKT	POLES	BKR	LOAD DESCRIPTION	NOTES
	BAY LIGHTS	20	1	1	1100	1260			2	1	20	RECEPT	
	BAY LIGHTS	20	1	3			1100	1260	4	1	20	RECEPT	
	OFFICE LIGHTS	20	1	5	800	1440			6	1	20	RECEPT	
	BAY LIGHTS	20	1	7			1200	1440	8	1	20	RECEPT	
	HALLWAY LIGHTS	20	1	9	600	1260			10	1	20	RECEPT	
	SPARE	20	1	11			0	800	12	1	20	COPIER	
1	AIR CONDITIONER & FURNACE	60	2	13	4968	0			14	1	20	SPARE	
				15			4968	0	16	1	20	SPARE	
				17	14705	180			18	1	20	GW AVIATION RECEPT	
				19			13046	180	20	1	20	GW AVIATION RECEPT	
	TRAILER 220V RECEPT	30	2	21	1600	180			22	1	20	GW AVIATION BENCH...	
				23			1600	180	24	1	20	DEDICATED RECEPT	
				25	1200	3600			26				
				27			1200	3600	28				
	WELDER 220V RECEPT	30	2	29	3936				30				
				31			3936		32				
				33					34				
				35					36				
				37					38				
				39					40				
				41					42				
				TOTAL LOAD:		36.8 kVA		34.5 kVA					
TOTAL AMPS:		306.9 A		287.6 A									
LOAD CLASSIFICATION		CONNECTED		DEMAND		ESTIMATED		PANEL TOTALS					
HVAC		20256 VA		80.00%		16205 VA		CONNECTED LOAD: 71339 VA					
LIGHTING		1467 VA		100.00%		1467 VA		ESTIMATED DEMAND: 65178 VA					
MTR		1320 VA		125.00%		1650 VA		CONNECTED CURRENT: 297.2					
EQUIPMENT		3000 VA		65.00%		1950 VA		EST. DEMAND CURRENT: 271.6					
RECEPTS		12780 VA		89.12%		11390 VA							
NOTES:													
1. CIRCUIT BREAKER IS EXISTING AND WILL BE REUSED FOR NEW PANEL A2.													
2. PROVIDE NEW CIRCUIT BREAKER FOR EXISTING PANEL (EATON - PRL1)													

PANELBOARD: A2													
LOCATION: PILOTS LOUNGE 105					VOLTAGE: 120/240V, 1Ø, 3W								
MOUNTING: RECESSED					A.I.C. RATING: 22K								
MAIN DEVICE: MLO					SPECIAL: 								
BUS AMPS: 125													
# of Circuits 42													
NOTES	LOAD DESCRIPTION	BKR	POLES	CKT	A		B		CKT	POLES	BKR	LOAD DESCRIPTION	NOTES
	LIGHTING	20	1	1	633	800			2	1	20	RECEPT - VENDING	1
	LIGHTING	20	1	3			834	800	4	1	20	RECEPT - VENDING	1
	RECEPTS - LOBBY	20	1	5	900	360			6	1	20	RECEPTS - COUNTER	
	RECEPTS - LOBBY	20	1	7			540	360	8	1	20	RECEPTS - COUNTER	
	RECEPTS - LOBBY	20	1	9	720	800			10	1	20	RECEPT - REFRIGERATOR	
	RECEPTS - PILOTS LOUNGE	20	1	11			900	1000	12	1	20	RECEPT - MICROWAVE	
	RECEPTS - PILOTS LOUNGE	20	1	13	720	600			14	1	20	RECEPT - WATER COOLER	1
	RECEPTS - RESTROOMS	20	1	15			360	900	16	1	20	HVAC CONTROL PANEL	
	RECEPTS - MECH 104	20	1	17	360	1000			18	1	20	DOOR OPENER	
	RECEPTS - STORAGE 101A	20	1	19			720	180	20	1	20	RECEPT - ROOF	
	RECEPTS - RECEPTION 101	20	1	21	180	1320			22	1	20	EF-1	
	RECEPTS - RECEPTION 101	20	1	23			540	1296	24				
	RECEPTS - RECEPTION 101	20	1	25	540	1296			26	2	20	ECH-1	
	RECEPTS - RECEPTION 101	20	1	27			720	1296	28				
	RECEPTS - RECEPTION 101	20	1	29	180	1296			30	2	20	ECH-2	
2	EXISTING WATER HEATER	30	2	31			2000	1000	32	1	20	HAND DRYER	1
				33	2000	1000			34	1	20	HAND DRYER	1
	SPARE	20	1	35			0	0	36	1	20	SPARE	
	SPARE	20	1	37	0	0			38	1	20	SPARE	
	SPARE	20	1	39			0	0	40	1	20	SPARE	
	SPARE	20	1	41	0	0			42	1	20	SPARE	
TOTAL LOAD:					14.7 kVA		13.0 kVA						
TOTAL AMPS:					122.5 A		108.7 A						
LOAD CLASSIFICATION		CONNECTED		DEMAND		ESTIMATED		PANEL TOTALS					
HVAC		5184 VA		80.00%		4147 VA		CONNECTED LOAD: 27751 VA					
LIGHTING		1467 VA		100.00%		1467 VA		ESTIMATED DEMAND: 24604 VA					
MTR		1320 VA		125.00%		1650 VA		CONNECTED CURRENT: 115.6					
EQUIPMENT		3000 VA		65.00%		1950 VA		EST. DEMAND CURRENT: 102.5					
RECEPTS		12780 VA		89.12%		11390 VA							
NOTES:													
1. PROVIDE GFCI TYPE CIRCUIT BREAKER													
2. PROVIDE NEW FEED TO EXISTING WATER HEATER. UTILIZE (3)#10, (1)#10 GND. IN 3/4" CONDUIT.													

NOTE: PER NEC 220.87, ONE YEAR OF UTILITY BILLS SHOWING DEMAND PER MONTH PERMIT LOADS ON PANELS TO EXCEED CAPACITY OF PANEL AND OVERCUREENT PROTECTION. REFER TO LOAD SUMMARY DOCUMENTATION ON THIS SHEET.

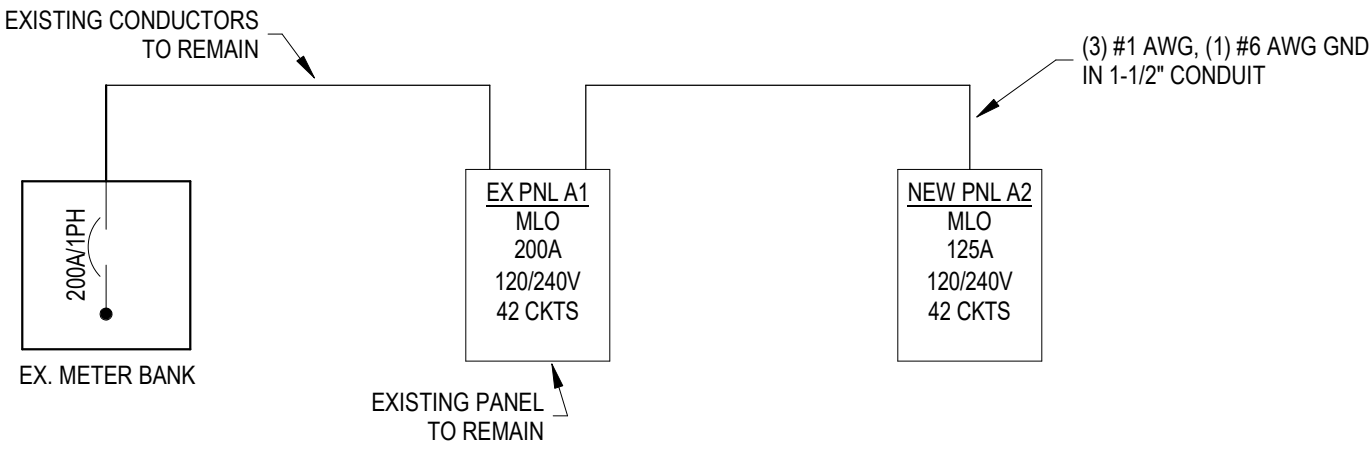
EXISTING ONE LINE DIAGRAM NOTES:

- A. PRE-DESIGN FIELD OBSERVATION ASSUMED THAT EXISTING PANEL A2 IS FED FROM EXISTING PANEL A1. CONTRACTOR TO VERIFY AND NOTIFY ENGINEER IF DIFFERENT.
- B. ALL LOADS IN EXISTING PANEL A2 ARE ASSUMED TO BE REMOVED. IF THERE IS A LOAD THAT IS NOT BEING DEMOD, IT IS TO BE REFD FROM NEW PANEL A2.



D4 EXISTING ONE-LINE DIAGRAM

NTS



C4 PROPOSED ONE-LINE DIAGRAM

NTS

AES OHIO ACCOUNT 6019342246 - LOAD SUMMARY				
Electric service includes existing panels A1 & A2 - Service Disconnect=200 Amps				
Month	Existing Billing Demand (kW) (AES Bill)	power factor (assumed)	Voltage	Amps
Jan-2022	19.3	0.85	240	94.6
Feb-2022	18.9	0.85	240	92.6
Mar-2022	18.5	0.85	240	90.7
Apr-2022	18.5	0.85	240	90.7
May-2022	18.6	0.85	240	91.2
Jun-2022	22.8	0.85	240	111.8
Jul-2022	21.4	0.85	240	104.9
Aug-2022	21.2	0.85	240	103.9
Sep-2022	18.5	0.85	240	90.7
Oct-2022	18.5	0.85	240	90.7
Nov-2022	19.7	0.85	240	96.6
Dec-2022	24.0	0.85	240	117.6
Using NEC 220.87, 1 year usage (January 2022-December 2022)				
Max Demand =	24.0			117.6
Demand at 125% =				147.1
Loads removed from demo'd panel A2 (using HVAC max values)				
Condenser (from nameplate)	5.6	0.85	240	27.6
Furnace L1/L2 (from nameplate)	8.2	0.85	240	40.0
Furnace L3/L4 (from nameplate)	8.2	0.85	240	40.0
General lighting (1.2W/sf, per T220.12)	3.0	0.85	240	14.7
General recepts (1.0W/sf, per 220.14(K))	2.5	0.85	240	12.3
	27.5			134.6
Loads added to new panel A2 (using HVAC max values)				
Condenser (from mechanical design/plans)	6.7	0.85	240	32.8
Furnance (from mechanical design/plans)	6.1	0.85	240	30.0
Cabinet Heater 1 (from mechanical design/plans)	2.2	0.85	240	10.8
Cabinet Heater 2 (from mechanical design/plans)	2.2	0.85	240	10.8
General lighting (from plans)	1.5	0.85	240	7.4
General recepts (from plans)	12.8	0.85	240	62.7
	31.5			154.5
New Demand Total with removed loads and new loads =				
New Demand at 125% =	28.1	0.85	240	137.6
Service Capacity (Main Circuit Breaker)				172.0
Spare Capacity ((200 Amps x 80%) - New Demand Total)				22.4