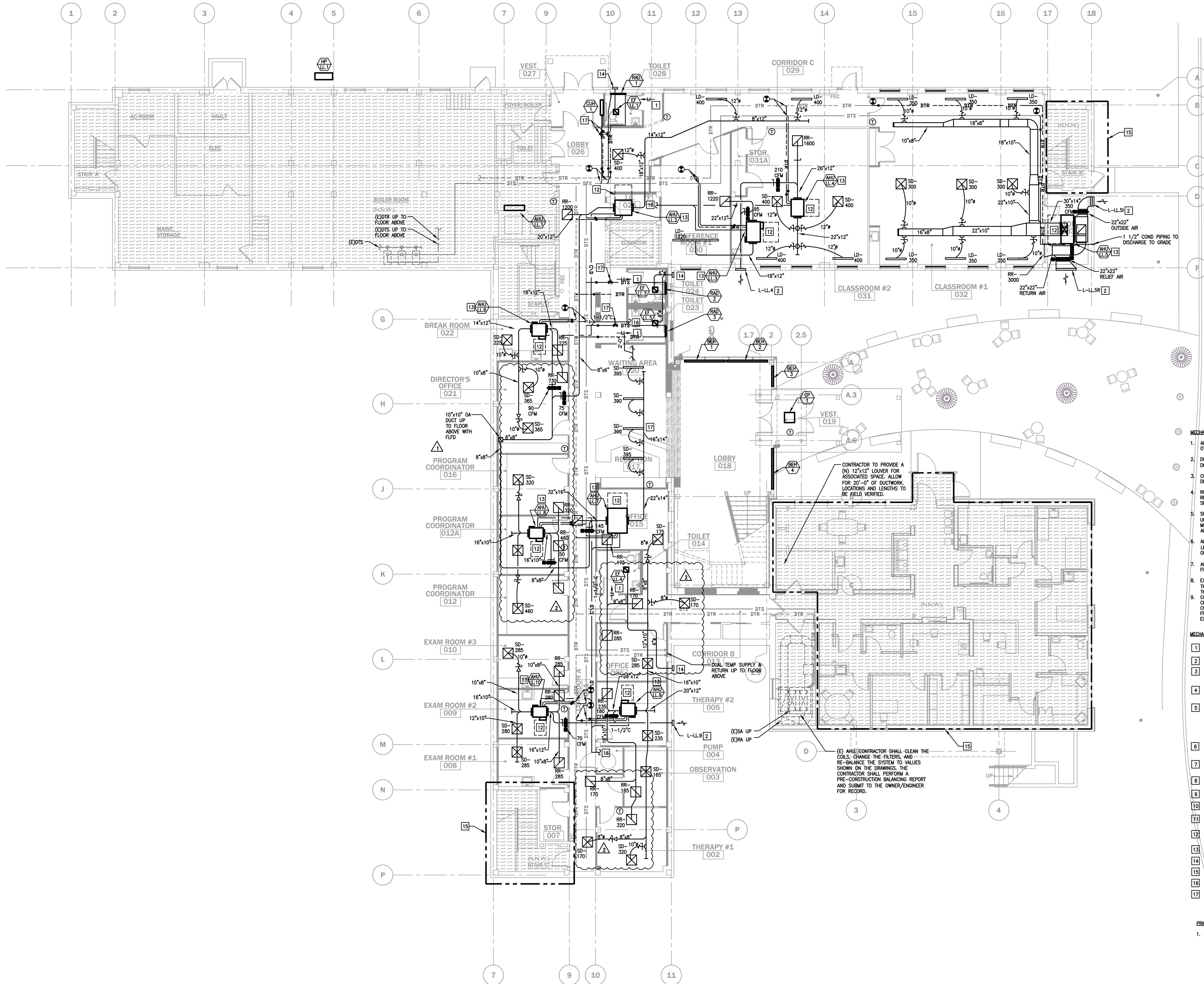


GROUND FLOOR PLAN
SCALE: 1/8"=1'-0"

THE DELIVERY OF THIS DRAWING SHOULD NOT BE CONSTRUED TO PROVIDE AN EXPRESS WARRANTY OR GUARANTEE TO ANYONE THAT ALL THE DIMENSIONS AND DETAILS ARE EXACT OR TO INDICATE THAT THE USE OF THIS DRAWING IMPLIES THE REVIEW AND APPROVAL BY THE DESIGN PROFESSIONAL OF ANY FUTURE USE. ANY USE OF THIS INFORMATION WITHOUT THE WRITTEN APPROVAL BY THE DESIGN PROFESSIONAL IS AT THE SOLE RISK AND LIABILITY OF THE USER. THE DESIGN PROFESSIONAL RESERVES THE RIGHT TO REMOVE OUR PROFESSIONAL SEAL AND/OR TITLE BLOCK.

NOTICE
THE SCHEDULES AND DRAWINGS REPRESENT ONLY CERTAIN REQUIREMENTS OF THE PROJECT. THERE ARE ADDITIONAL REQUIREMENTS IN THE SPECIFICATIONS BOOKLET WHICH THE CONTRACTOR IS BOUND TO PROVIDE. A SUPPLIER OR CONTRACTOR'S PRICING, WHICH IS BASED ONLY ON DRAWINGS OR SCHEDULES, MAY LEAVE IMPORTANT COSTS UNACCOUNTED FOR WHICH WILL ULTIMATELY BE THE CONTRACTOR OR SUPPLIER'S RESPONSIBILITY TO PROVIDE.

- MECHANICAL NOTES:**
- ALL DUCTWORK SIZES INDICATED ARE INSIDE DIMENSIONS UNLESS OTHERWISE NOTED.
 - DUCT SIZES INDICATED ON DRAWING ARE BASED AFTER THE LAST DIFFUSER AND/OR BRANCH TAKE-OFF.
 - CONTRACTOR TO PROVIDE A CLEAN OUT AT EVERY CHANGE IN DIRECTION OF A CONDENSATE LINE AND AT 25 FT. CENTERS.
 - RUN ALL CONDENSATE PIPING TO POINT OF DISCHARGE. PROVIDE REQUIRED AIR GAP AT DISCHARGE POINT. REFER TO PLANS & SPECIFICATIONS FOR SIZES AND REQUIREMENTS.
 - SHARP THROAT, RADIUS HEEL 90 DEGREE FITTINGS ARE UNACCEPTABLE. RADIUS ELBOWS (INNER AND OUTER) OR MITERED ELBOWS WITH TURNING VANES SHALL BE PROVIDED FOR ALL 90 DEGREE ELBOWS.
 - ALL EXHAUSTS AND VENT TERMINALS MUST BE LOCATED AT LEAST 10'-0" FROM FRESH AIR INTAKE TERMINALS AND OPERABLE PORTIONS OF ANY WINDOW.
 - ALL OUTSIDE AIR DUCTWORK SHALL HAVE MINIMUM 2" EXTERNAL FIBERGLASS DUCTWRAP INSULATION.
 - EXHAUST AIR SHALL NOT BE INSULATED UNLESS EXTENDING THROUGH UNCONDITIONED SPACES. PROVIDE 1 1/2" DUCTWRAP THROUGH UNCONDITIONED SPACES.
 - CONTRACTOR SHALL DRAIN THE EXISTING SYSTEM AND FLUSH CLEAN, FURNISH AND INSTALL NEW SHUT-OFF VALVE AT CONNECTIONS TO EXISTING SYSTEM. REFILL SYSTEM, PURGE AIR FROM SYSTEM. CONTRACTOR SHALL INSULATE ALL NEW AND EXISTING PIPING LOCATED WITHIN THE SCOPE OF WORK.
- MECHANICAL NOTES:**
- PROVIDE MINIMUM 3/4" UNDERCUT OF BATHROOM DOOR.
 - OUTSIDE AIR LOUVER. REFER TO SCHEDULE FOR SIZE AND AIRFLOW.
 - NOT USED.
 - 36"x12" OA DUCT UP TO OA INTAKE HOOD ON ROOF. COOK MODEL 24 PR, OR APPROVED EQUAL. PROVIDE BACKDRAFT DAMPERS.
 - MOTORIZED DAMPER (OA). BALANCE MINIMUM POSITION TO XXX CFM. DAMPER SHALL BE:
 - CLOSED DURING UNOCCUPIED HOURS.
 - OPEN AT ITS MINIMUM POSITION DURING OCCUPIED HOURS.
 - FULLY OPEN DURING ECONOMIZER MODE (WHEN OUTSIDE AIR WET BULB TEMPERATURE IS 56°F OR LOWER).
 - MOTORIZED DAMPER (RETURN AIR). IT SHALL BE NORMALLY OPEN AND CLOSE WHEN THE UNIT IS ON ECONOMIZER MODE.
 - MOTORIZED DAMPER (RELIEF). IT SHALL BE NORMALLY CLOSED, AND FULLY OPEN WHEN THE UNIT IS ON ECONOMIZER MODE.
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 - RETURN LOW ON WALL, DUCTED TO AHU. SUPPLY HIGH ON WALL. REFER TO DETAIL.
 - 10"x10" OA DUCT DOWN THRU SLAB TO GROUND LEVEL VENTING.
 - DOUBLE WALL INSULATED SPIRAL DUCTWORK. DUCTWORK SHALL BE CLEANED OF ALL MACHINE OIL SO THE DUCT CAN BE PAINTED IN COLOR SELECTED BY THE ARCHITECT.
 - PROVIDE 36" CLEARANCE FOR MAINTENANCE. NO PIPING IS PERMITTED IN THE HIGHLIGHTED AREA.
 - INSTALL UVC SYSTEM TO PROVIDE 2,000 MICROWATTS PER CM2 FO FREE DUCT AREA.
 - 6"Ø WALL CAP. COORDINATE FINISH WITH ARCHITECT.
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- PRICING NOTES:**
- WORK PHASING - IT IS THE INTENTION FOR THE WORK TO OCCUR IN AN OCCUPIED BUILDING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL ADDITIONAL VALVES, BYPASS PIPING, TEMPORARY PANELS, ETC. TO KEEP THE EXISTING SYSTEM IN OPERATION DURING THE DURATION OF THE PROJECT. THE MEANS AND METHODS SHALL BE COORDINATED WITH THE CONSTRUCTION MANAGER. ALL SHUT DOWNS AND INTERRUPTIONS SHALL BE COORDINATED WITH THE OWNER A WEEK IN ADVANCE OF THE WORK.

Sheet Name: GROUND FLOOR PLAN - MECHANICAL	Construction Issue Date:
Progress Prints:	Drawn By: AFM/PZ/PR
Bid Set 08/09/21	Checked By:
	Scale: AS NOTED

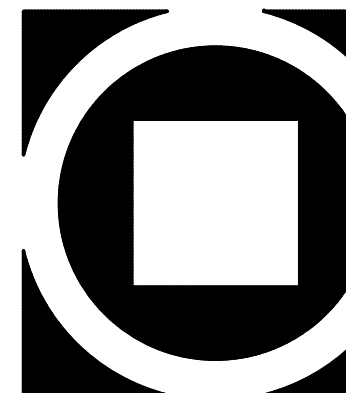
Revisions:
1. Addendum #1 09/23/21
2. Bid Revision #2 11/23/21

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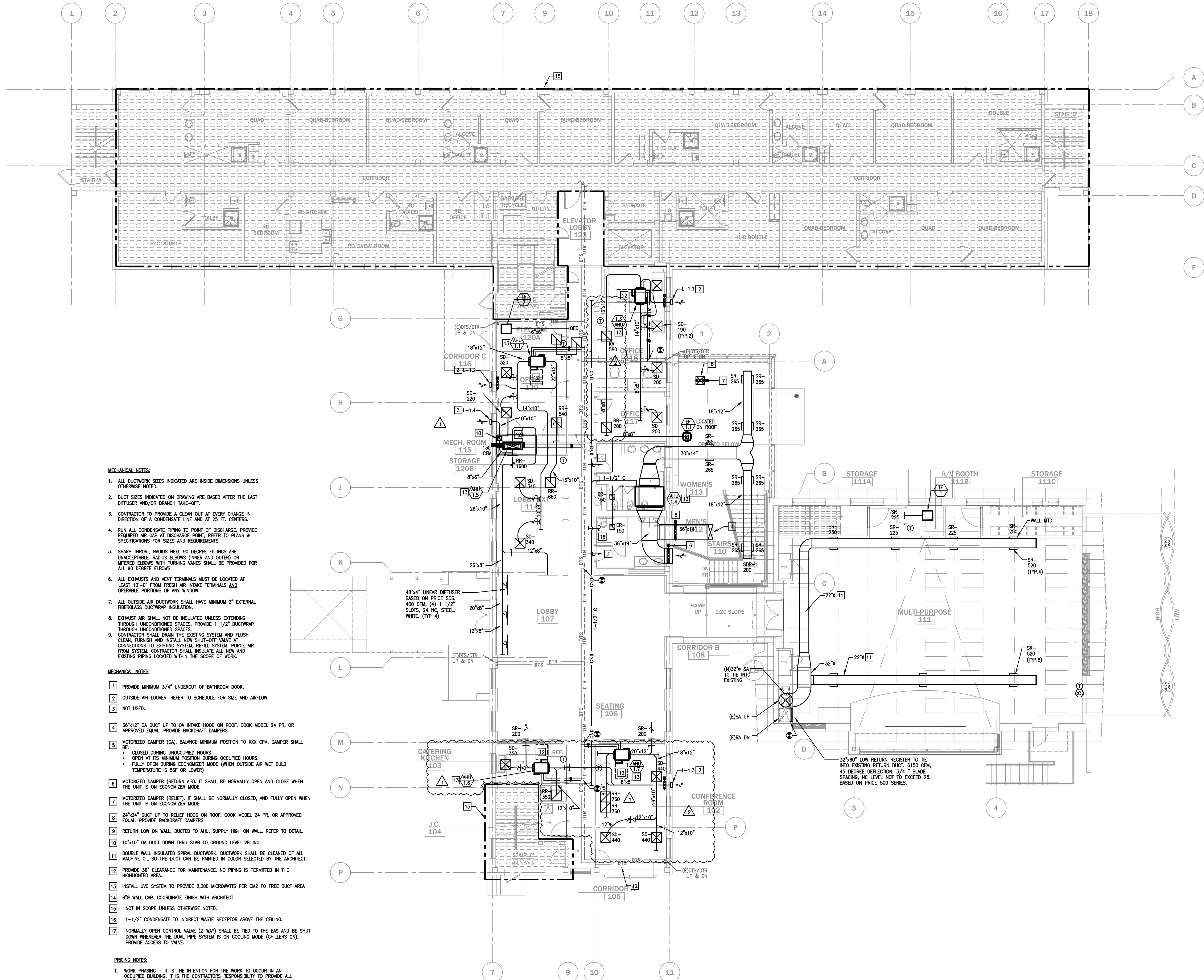
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MI.I



MECHANICAL NOTES:

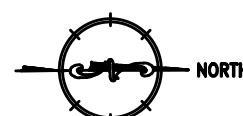
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FIRST FLOOR PLAN

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

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Addendum #1 09/23/21
Addendum #2 11/23/21

Blk Set 08/09/21

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Construction Issue Date:

Drawn By: AF/MZ/PR

Checked By:

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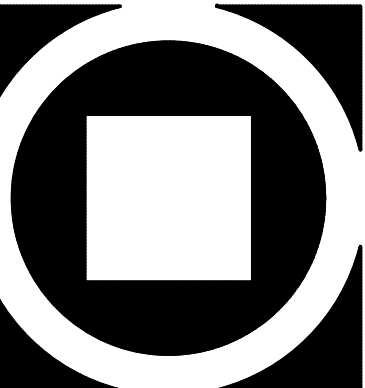
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MI.2

AIR HANDLING UNIT SCHEDULE (AHU)																												
TAG	CONFIGURATION	AIRFLOW (CFM)	OA (CFM)	ESP (in.)	MOTOR TYPE	S&R PIPING CONNECTION (in.)	COOLING							HEATING				ELECTRICAL					UNIT DIMENSIONS L x W x H (IN.)	UNIT WEIGHT (LBS.)	BASIS OF DESIGN		COMMENTS	
							TOTAL CAPACITY MBH	SENS. CAPACITY MBH	EAT DB/WB	LAT DB/WB	COIL ROWS	GPM	Water PD (ft)	EWLT / LWLT (°F)	Total MBH	GPM	Water PD (ft)	EWLT / LWLT (°F)	V/PH	FAN HP	FLA (Amps)	MCA (Amps)			MCOP (Amps)	MANUFACTURER		MODEL
AHU-LL.2	DIRECT DRIVE HORIZONTAL	1,820	75	0.25	PSC	1.125"	27.8	20.2	75/63	61.0/57.8	4	6.1	0.63	50.0/60.1	139.1	6.1	0.57	170 / 124.3	208/1	(2)1/4	4	4.5	15	68x 33 x 16.75	170	JOHNSON CONTROLS	FNP20	1-16
AHU-LL.3, 1.1	DIRECT DRIVE HORIZONTAL	1,220	LL.3- 95 1.1- 50	0.25	PSC	0.875"	20.6	20.2	75/63	59.8/57.3	4	4.4	1.89	50.0/60.1	94.0	4.4	1.38	170 / 126.9	208/1	(2) 1/6	2	2.25	15	49 x 33 x 16.75	141	JOHNSON CONTROLS	FNP12	1-16
AHU-LL.4	DIRECT DRIVE HORIZONTAL	1,800	210	0.25	PSC	1.125"	34.8	31.7	75/63	59.1/56.4	4	7.6	15.73	50.0/60.1	125.1	4.2	4.49	170 / 110.4	208/1	(2) 1/4	4	4.5	15	59 x 33 x 16.75	157	JOHNSON CONTROLS	FNP16	1-16
AHU-LL.5	DIRECT DRIVE VERTICAL	2,500	350	0.5	ECM	1.375"	71.8	51.8	75/65	56.4/55.6	4	25	3.43	50.0/55.7	189.8	7	0.28	170/114.4	208/1	(2)3/4	14.6	16.43	20	30x68x59	526	JOHNSON CONTROLS	AVD40	1-16
AHU-LL.6	DIRECT DRIVE HORIZONTAL	956	34	0.25	PSC	0.875"	14.9	14.3	75/63	61.4/57.7	3	3.3	8.8	50.0/60.1	65.4	3.3	6.78	170 / 130.3	208/1	1/4	2	2.5	15	44 x 33 x 16.75	101	JOHNSON CONTROLS	FNP10	1-16
AHU-LL.7	DIRECT DRIVE HORIZONTAL	1,840	145	0.25	PSC	1.125"	37.7	34.2	75/63	58.2/56	4	8.1	9.4	50.0/60	118.6	3.3	1.54	170 / 98.2	208/1	(2)1/4	4	4.5	15	68x 33 x 16.75	170	JOHNSON CONTROLS	FNP20	1-16
AHU-LL.8, 1.3	DIRECT DRIVE HORIZONTAL	781	LL.8- 50 1.3- 55	0.25	PSC	0.875"	11.2	11.2	75/63	61.9/58.1	4	2.5	0.75	50.0/60.1	57.3	2.5	0.55	170 / 124.1	208/1	1/4	1.6	2	15	40 x 33 x 16.75	95	JOHNSON CONTROLS	FNP08	1-16
AHU-LL.9, 1.7	DIRECT DRIVE HORIZONTAL	1,521	LL.9-180, 1.7-88	0.25	PSC	1.125"	23.6	23.5	75/63	60.9/57.7	4	5.3	1.36	50.0/60.1	113.0	5.3	1.06	170 / 127.3	208/1	(2) 1/4	3.2	3.6	15	54 x 33 x 16.75	150	JOHNSON CONTROLS	FNP14	1-16
AHU-LL.10	DIRECT DRIVE HORIZONTAL	849	70	0.25	PSC	0.875"	12.4	12.1	75/63	62/58	3	2.8	5.82	50.0/60.1	56.0	2.8	4.12	170 / 130	208/1	1/4	1.6	2	15	40 x 33 x 16.75	95	JOHNSON CONTROLS	FNP08	1-16
AHU- 1.4	BELT DRIVE HORIZONTAL	2,841	80	0.5	-	1.125"	82.8	59.9	75/63	56/55.5	6	16.5	10.08	50.0/60.1	273	16.5	8.67	170/136.1	208/1	1 1/2	1.7	2.13	15	46x68x30	336	JOHNSON CONTROLS	AH140	1-16
AHU- 1.5	DIRECT DRIVE VERTICAL	1,640	130	0.5	ECM	0.875"	36.5	28.0	75/65	59.6/57.8	3	7.6	8.53	50.0/60	88.1	7.6	7.49	170 / 131.6	208/1	(2)1/3	5.6	6.3	15	46 x 18 x 48	134	JOHNSON CONTROLS	FCC820	1-17
AHU-1.6	DIRECT DRIVE HORIZONTAL	540	20	0.25	PSC	0.875"	6.0	6.6	75/63	65/59.3	6	1.4	0.2	50.0/60.1	38.7	1.4	0.18	170 / 114.5	208/1	1/6	1	1.25	15	35 x 33 x 16.75	95	JOHNSON CONTROLS	FNP06	1-16
AHU-1.8	NOT USED																											

- Comments
- EQUIVALENT BY TRANE, YORK, CARRIER OR APPROVED EQUAL
 - DUAL TEMPERATURE COIL
 - SINGLE POINT POWER CONNECTION
 - ALL UNITS TO BE FURNISHED WITH 2-WAY MODULATING VALVES, EXCEPT THE ONES INDICATED ON THE DT RISER DIAGRAM AS 3-WAY TERMINALS
 - INTEGRAL DISCONNECT SWITCH
 - PROVIDE A UL LISTED CONDENSATE DETECTION DEVICE ON THE UNITS PRIMARY DRAIN PAN WALL. INTERLOCK SENSOR WITH AIR HANDLER. PROVIDE A SECONDARY PAN UNDER THE HORIZONTAL UNITS
 - UNIT FURNISHED PIPING PACKAGE BALANCING VALVE SHUTOFF VALVES (2), STRAINER, UNIONS, NYLON REINFORCED HOSE WITH STAINLESS STEEL OUTER COVERING
 - VERTICAL FAN COIL UNIT WALL MOUNTED, WALL MOUNTED THERMOSTAT, SS DRAIN PAN EXTERNALLY INSULATED, FOIL FACE INSULATED.
 - HORIZONTAL FAN COIL UNIT CEILING MOUNTED OR SUSPENDED, WALL MOUNTED THERMOSTAT, SS DRAIN PAN EXTERNALLY INSULATED, FOIL FACE INSULATED.
 - 1" THROWAWAY FILTER
 - PROVIDE WITH ACCESS PANEL
 - HIGH EXTERNAL STATIC PRESSURE MOTORS
 - VIBRATION ISOLATION HANGERS
 - INLET/OUTLET DUCT COLLARS
 - CONDENSATE PIPING-FURNISH AND INSTALL CONDENSATE PUMP, 120V/1PH. 6 FT. POWER CORD. IMPACT RESISTANT INTEGRAL CHECK VALVE. STAINLESS STEEL MOTOR/PUMP SHAFT.
 - 25GPH. 15 FTHD. 1/30 HP. LITTLE GIANT "VCMA" SERIES OR EQUIVALENT. PUMP SHALL BE HARDWIRED FOR ABOVE CEILING APPLICATIONS.
 - INSTALL UV C SYSTEM TO PROVIDE 2,000 MICROWATTS PER CM2 FO FREE DUCT AREA
 - BOTTOM RETURN

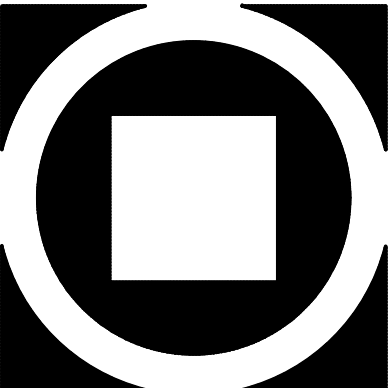
LOUVER SCHEDULE																
TAG	USE	WIDTH (IN.)	HEIGHT (IN.)	DEPTH (IN.)	AIRFLOW (CFM)	FREE AREA (SQ. FT.)	AIR SPEED (FPM)	PRESSURE DROP (IN. W.C.)	WP. VEL* (FPM)	DAMPER	FINISH	SCREEN	MATERIAL	MANUFACTURER	MODEL NO.	COMMENTS
L-1.1	INTAKE	10	8	4	60	0.1	782	0.06	1,025	YES, M.O.D.	BY ARCH.	BIRDSCREEN	ALUMINUM	POTTORF	EDD-445	OFFICES VENTILATION INTAKE LOUVER
L-1.2	INTAKE	10	8	4	40	0.1	436	0.03	1,025	YES, M.O.D.	BY ARCH.	BIRDSCREEN	ALUMINUM	POTTORF	EDD-445	OFFICES VENTILATION INTAKE LOUVER
L-1.3	INTAKE	10	10	4	120	0.1	868	0.12	1,025	YES, M.O.D.	BY ARCH.	BIRDSCREEN	ALUMINUM	POTTORF	EDD-445	OFFICES AND KITCHEN VENTILATION INTAKE LOUVER
L-1.4	INTAKE	10	10	4	120	0.1	868	0.12	1,025	YES, M.O.D.	BY ARCH.	BIRDSCREEN	ALUMINUM	POTTORF	EDD-445	GROUND LEVEL OFFICES VENTILATION INTAKE LOUVER
L-LL.5i	INTAKE	32	32	4	350 -3000	3.2	937	0.14	1,025	YES, M.O.D.	BY ARCH.	BIRDSCREEN	ALUMINUM	POTTORF	EDD-445	LOWER LEVEL CLASSROOM #1 VENTILATION INTAKE LOUVER
L-LL.5R	RELIEF	30	30	4	350 -3000	2.8	1,087	0.19	1,025	YES, M.O.D.	BY ARCH.	BIRDSCREEN	ALUMINUM	POTTORF	EDD-445	LOWER LEVEL CLASSROOM #1 VENTILATION RELIEF LOUVER
L-LL.4	INTAKE	12	12	4	210	0.3	830	0.3	1,025	YES, M.O.D.	BY ARCH.	BIRDSCREEN	ALUMINUM	POTTORF	EDD-445	LOWER LEVEL CLASSROOM #2 VENTILATION INTAKE LOUVER
L-LL.9	INTAKE	12	12	4	250	0.3	989	0.3	1,025	YES, M.O.D.	BY ARCH.	BIRDSCREEN	ALUMINUM	POTTORF	EDD-445	LOWER LEVEL OFFICES VENTILATION INTAKE LOUVER

- COMMENTS
- PROVIDE INSULATED DRAINABLE PLENUM. REFER TO DETAIL.
 - UNLESS OTHERWISE INDICATED, PROVIDE DUCT CONNECTION FROM PLENUM AND 45 DEGREE TRANSITION TO THE FULL SIZE OF DUCT ON DRAWING.
 - PROVIDE LOUVER FRAMES TO SUIT WALL CONSTRUCTION.
 - COORDINATE FINAL LOUVER SELECTIONS AND COLORS WITH ARCHITECT.

* WP. VEL. = WATER PENETRATION VELOCITY PER MANUFACTURERS' LITERATURE

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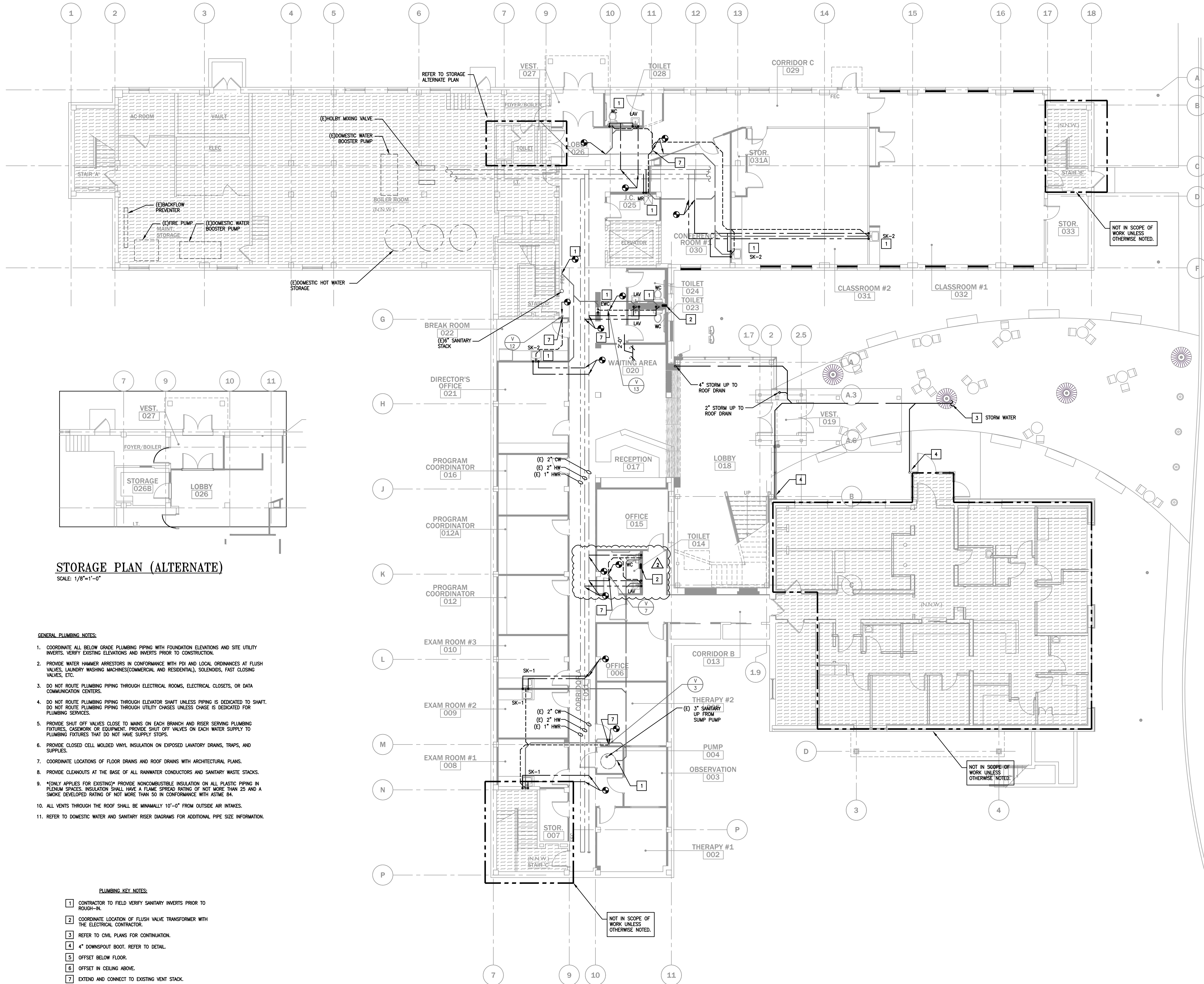


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		08/09/21	08/09/21
		08/09/21	08/09/21
		08/09/21	08/09/21
		08/09/21	08/09/21

M2.6



STORAGE PLAN (ALTERNATE)

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

GENERAL PLUMBING NOTES:

- COORDINATE ALL BELOW GRADE PLUMBING PIPING WITH FOUNDATION ELEVATIONS AND SITE UTILITY INVERTS. VERIFY EXISTING ELEVATIONS AND INVERTS PRIOR TO CONSTRUCTION.
- PROVIDE WATER HAMMER ARRESTORS IN CONFORMANCE WITH PDI AND LOCAL ORDINANCES AT FLUSH VALVES, LAUNDRY WASHING MACHINES (COMMERCIAL AND RESIDENTIAL), SOLENOIDS, FAST CLOSING VALVES, ETC.
- DO NOT ROUTE PLUMBING PIPING THROUGH ELECTRICAL ROOMS, ELECTRICAL CLOSETS, OR DATA COMMUNICATION CENTERS.
- DO NOT ROUTE PLUMBING PIPING THROUGH ELEVATOR SHAFT UNLESS PIPING IS DEDICATED TO SHAFT. DO NOT ROUTE PLUMBING PIPING THROUGH UTILITY CHASES UNLESS CHASE IS DEDICATED FOR PLUMBING SERVICES.
- PROVIDE SHUT OFF VALVES CLOSE TO MANS ON EACH BRANCH AND RISER SERVING PLUMBING FIXTURES, CASEWORK OR EQUIPMENT. PROVIDE SHUT OFF VALVES ON EACH WATER SUPPLY TO PLUMBING FIXTURES THAT DO NOT HAVE SUPPLY STOPS.
- PROVIDE CLOSED CELL MOLDED VINYL INSULATION ON EXPOSED LAVATORY DRAINS, TRAPS, AND SUPPLIES.
- COORDINATE LOCATIONS OF FLOOR DRAINS AND ROOF DRAINS WITH ARCHITECTURAL PLANS.
- PROVIDE CLEANOUTS AT THE BASE OF ALL RAINWATER CONDUCTORS AND SANITARY WASTE STACKS.
- *(ONLY APPLIES FOR EXISTING)* PROVIDE NONCOMBUSTIBLE INSULATION ON ALL PLASTIC PIPING IN PLENUM SPACES. INSULATION SHALL HAVE A FLAME SPREAD RATING OF NOT MORE THAN 25 AND A SMOKE DEVELOPED RATING OF NOT MORE THAN 50 IN CONFORMANCE WITH ASTM E84.
- ALL VENTS THROUGH THE ROOF SHALL BE MINIMALLY 10'-0" FROM OUTSIDE AIR INTAKES.
- REFER TO DOMESTIC WATER AND SANITARY RISER DIAGRAMS FOR ADDITIONAL PIPE SIZE INFORMATION.

PLUMBING KEY NOTES:

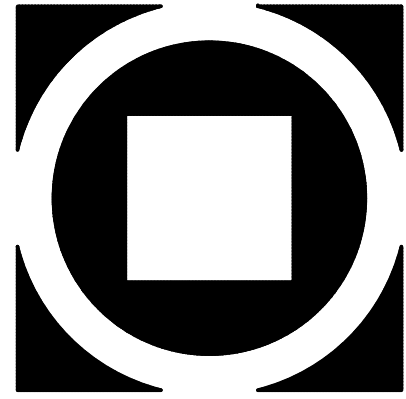
- CONTRACTOR TO FIELD VERIFY SANITARY INVERTS PRIOR TO ROUGH-IN.
- COORDINATE LOCATION OF FLUSH VALVE TRANSFORMER WITH THE ELECTRICAL CONTRACTOR.
- REFER TO CIVIL PLANS FOR CONTINUATION.
- 4" DOWNSPOUT BOOT. REFER TO DETAIL.
- OFFSET BELOW FLOOR.
- OFFSET IN CEILING ABOVE.
- EXTEND AND CONNECT TO EXISTING VENT STACK.
- PROVIDE NEW FIXTURES IN THE EXISTING LOCATIONS FOR THE RESTROOM. COORDINATE ROUGH IN.
- PROVIDE ROOF DRAIN. REFER TO DETAIL. COORDINATE LOCATION WITH ARCHITECTURAL PLANS.
- PROVIDE OVERFLOW ROOF DRAIN. COORDINATE LOCATION WITH ARCHITECTURAL PLANS.
- OVERFLOW DISCHARGE NOZZLE. REFER TO DETAIL.
- PROVIDE ICE MAKER SUPPLY BOX.

GROUND FLOOR PLAN

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

THE DELIVERY OF THIS DRAWING SHOULD NOT BE CONSTRUED TO PROVIDE AN EXPRESS WARRANTY OR GUARANTEE TO ANYONE THAT ALL THE DIMENSIONS AND DETAILS ARE EXACT OR TO INDICATE THAT THE USE OF THIS DRAWING IMPLIES THE REVIEW AND APPROVAL BY THE DESIGN PROFESSIONAL OF ANY FUTURE USE. ANY USE OF THIS INFORMATION WITHOUT THE WRITTEN APPROVAL BY THE DESIGN PROFESSIONAL IS AT THE SOLE RISK AND LIABILITY OF THE USER. THE DESIGN PROFESSIONAL RESERVES THE RIGHT TO REMOVE OUR PROFESSIONAL SEAL AND/OR TITLE BLOCK.

NOTICE
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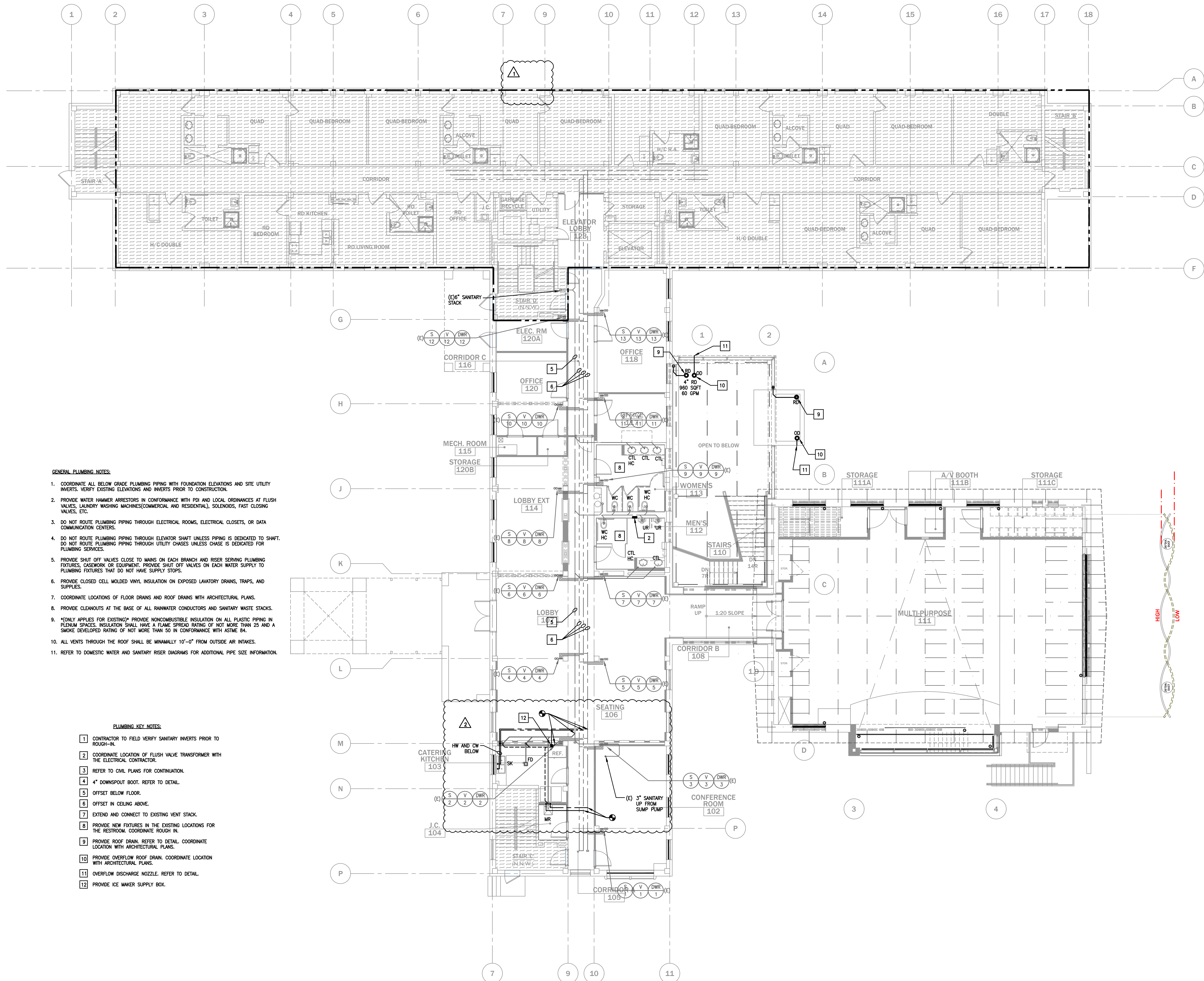
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GROUND FLOOR PLAN - PLUMBING	
Progress Prints:	1. Bid Revision #2 11/22/21
Bid Set 08/09/21	2. 
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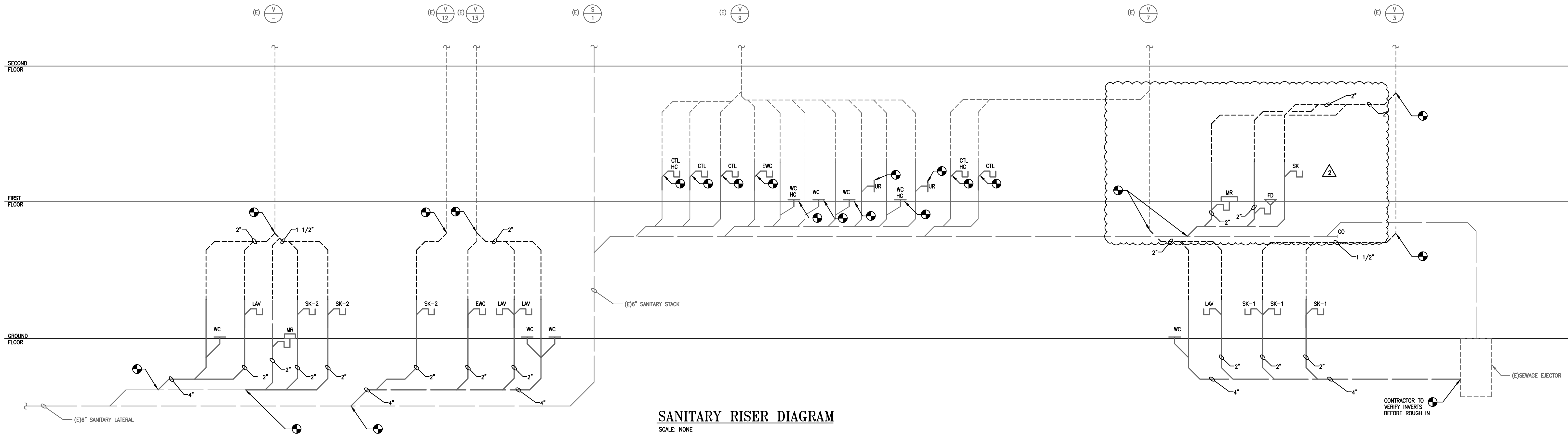
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FIRST FLOOR PLAN
SCALE: 1/8"=1'-0"

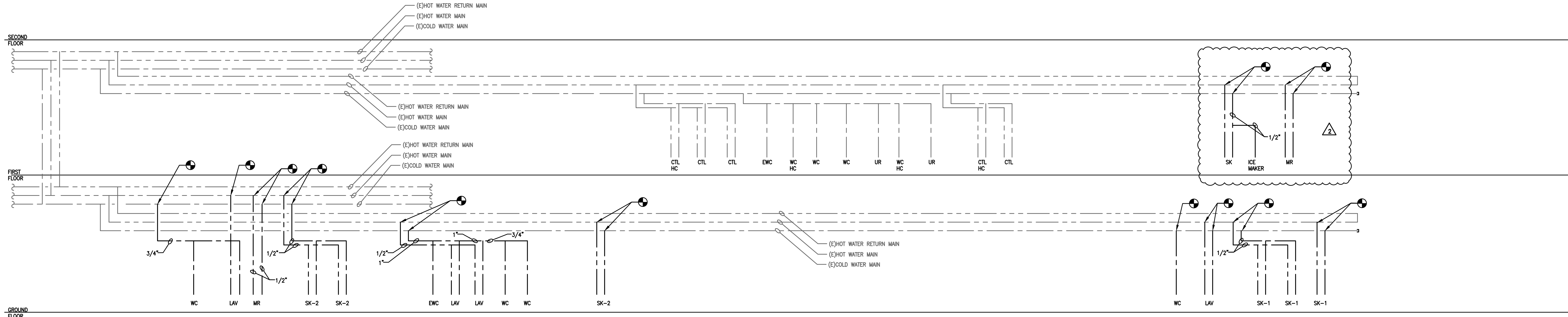
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SANITARY RISER DIAGRAM

- SCALE: NONE
- SANITARY RISER DIAGRAM NOTES
1. PROVIDE A TRAP PRIMER AT EVERY FLOOR DRAIN.
 2. PIPING SHALL BE SLOPED AT AN 1/8" PER UNIT FOR 3" PIPE AND ABOVE.
 3. PIPING SHALL BE SLOPED AT A 1/4" PER UNIT FOR 2-1/2" PIPE OR SMALLER UNLESS OTHERWISE NOTED.
 4. PROVIDE A CLEAN OUT AT THE BASE OF EVERY STACK, AT THE END OF THE RUN, AT EVERY CHANGE IN DIRECTION AND 50'-0" ON CENTER FOR STRAIGHT LENGTHS.
 5. REFER TO PLUMBING FIXTURE SCHEDULE FOR FIXTURE BRANCH PIPE SIZING.
 6. ALL UNDERGROUND SANITARY PIPING SHALL BE 2" MINIMUM PIPE SIZE.

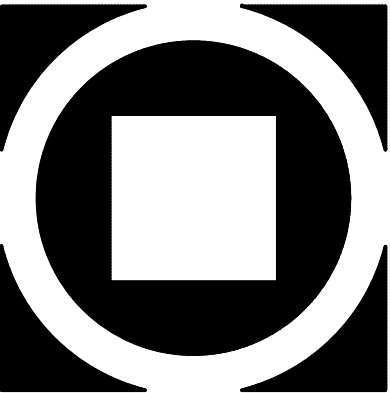


DOMESTIC WATER RISER DIAGRAM

- SCALE: NONE
- DOMESTIC WATER RISER DIAGRAM NOTES
1. PROVIDE A TRAP PRIMER AT EVERY FLOOR DRAIN.
 2. PROVIDE A SHUT OFF VALVE AT EACH PIECE OF EQUIPMENT.
 3. PROVIDE A CHECK VALVE AND BALANCING VALVE AT EVERY DOMESTIC HOT WATER RETURN BRANCH / LOOP. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE A CERTIFIED BALANCING REPORT ON EACH HOT WATER RETURN SYSTEM.
 4. REFER TO PLUMBING FIXTURE SCHEDULE FOR FIXTURE BRANCH PIPE SIZING.

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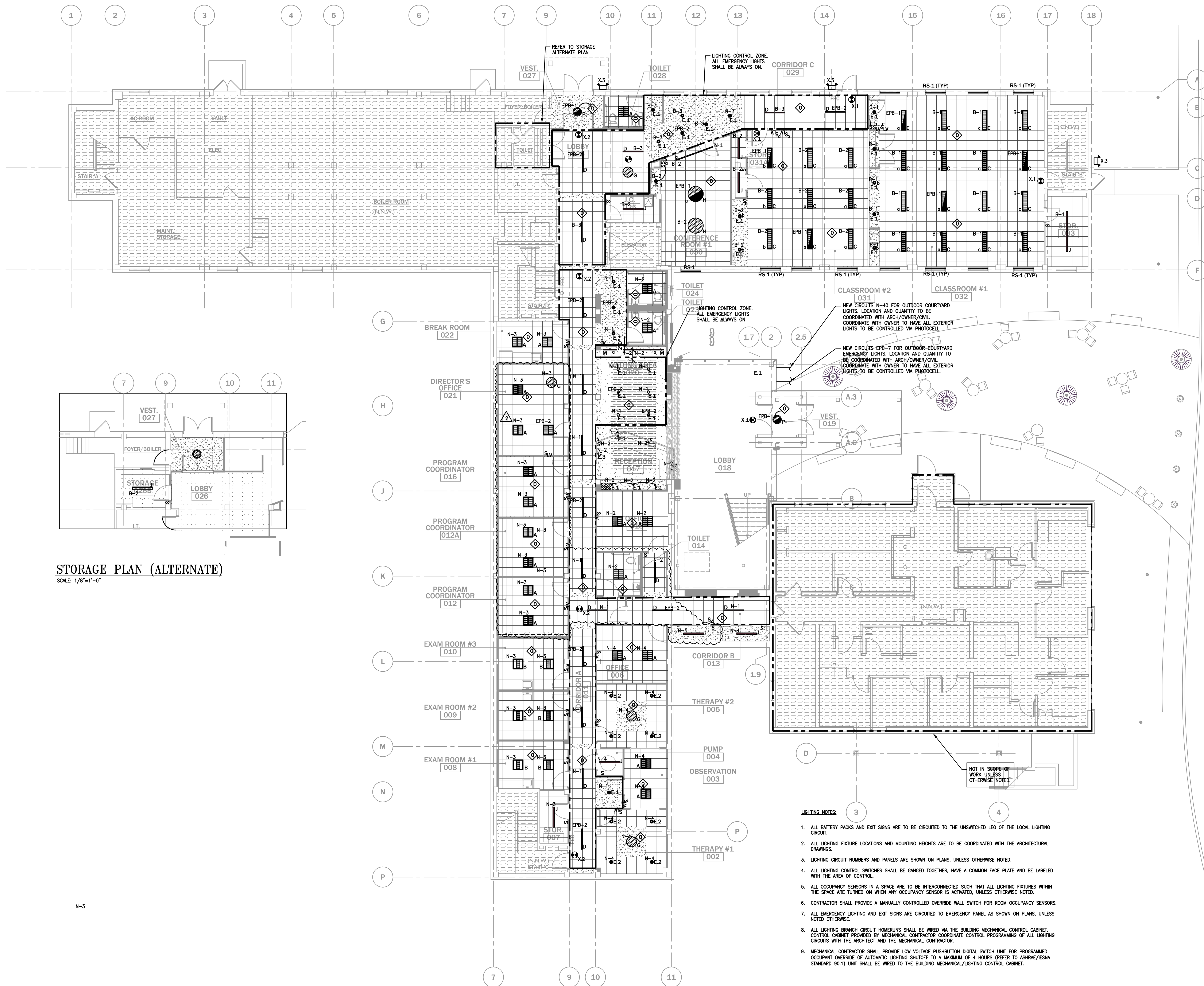
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STORAGE PLAN (ALTERNATE)
SCALE: 1/8"=1'-0"

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

- LIGHTING NOTES:**
1. ALL BATTERY PACKS AND EXIT SIGNS ARE TO BE CIRCUITED TO THE UNSWITCHED LEG OF THE LOCAL LIGHTING CIRCUIT.
 2. ALL LIGHTING FIXTURE LOCATIONS AND MOUNTING HEIGHTS ARE TO BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS.
 3. LIGHTING CIRCUIT NUMBERS AND PANELS ARE SHOWN ON PLANS, UNLESS OTHERWISE NOTED.
 4. ALL LIGHTING CONTROL SWITCHES SHALL BE GANGED TOGETHER, HAVE A COMMON FACE PLATE AND BE LABELED WITH THE AREA OF CONTROL.
 5. ALL OCCUPANCY SENSORS IN A SPACE ARE TO BE INTERCONNECTED SUCH THAT ALL LIGHTING FIXTURES WITHIN THE SPACE ARE TURNED ON WHEN ANY OCCUPANCY SENSOR IS ACTIVATED, UNLESS OTHERWISE NOTED.
 6. CONTRACTOR SHALL PROVIDE A MANUALLY CONTROLLED OVERRIDE WALL SWITCH FOR ROOM OCCUPANCY SENSORS.
 7. ALL EMERGENCY LIGHTING AND EXIT SIGNS ARE CIRCUITED TO EMERGENCY PANEL AS SHOWN ON PLANS, UNLESS NOTED OTHERWISE.
 8. ALL LIGHTING BRANCH CIRCUIT HOMERUNS SHALL BE WIRED VIA THE BUILDING MECHANICAL CONTROL CABINET. CONTROL CABINET PROVIDED BY MECHANICAL CONTRACTOR COORDINATE PROGRAMMING OF ALL LIGHTING CIRCUITS WITH THE ARCHITECT AND THE MECHANICAL CONTRACTOR.
 9. MECHANICAL CONTRACTOR SHALL PROVIDE LOW VOLTAGE PUSHBUTTON DIGITAL SWITCH UNIT FOR PROGRAMMED OCCUPANT OVERRIDE OF AUTOMATIC LIGHTING SHUTOFF TO A MAXIMUM OF 4 HOURS (REFER TO ASHRAE/IESNA STANDARD 90.1) UNIT SHALL BE WIRED TO THE BUILDING MECHANICAL/LIGHTING CONTROL CABINET.

THE DELIVERY OF THIS DRAWING SHOULD NOT BE CONSTRUED TO PROVIDE AN EXPRESS WARRANTY OR GUARANTEE TO ANYONE THAT ALL THE DIMENSIONS AND DETAILS ARE EXACT OR TO INDICATE THAT THE USE OF THIS DRAWING IMPLIES THE REVIEW AND APPROVAL BY THE DESIGN PROFESSIONAL OF ANY FUTURE USE. ANY USE OF THIS INFORMATION WITHOUT THE WRITTEN APPROVAL BY THE DESIGN PROFESSIONAL IS AT THE SOLE RISK AND LIABILITY OF THE USER. THE DESIGN PROFESSIONAL RESERVES THE RIGHT TO REMOVE OUR PROFESSIONAL SEAL AND/OR TITLE BLOCK.

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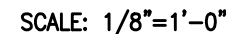
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Sheet Name: GROUND FLOOR PLAN - LIGHTING - ELECTRICAL
Revisions:
Progress Prints:
Bid Set: 08/09/21

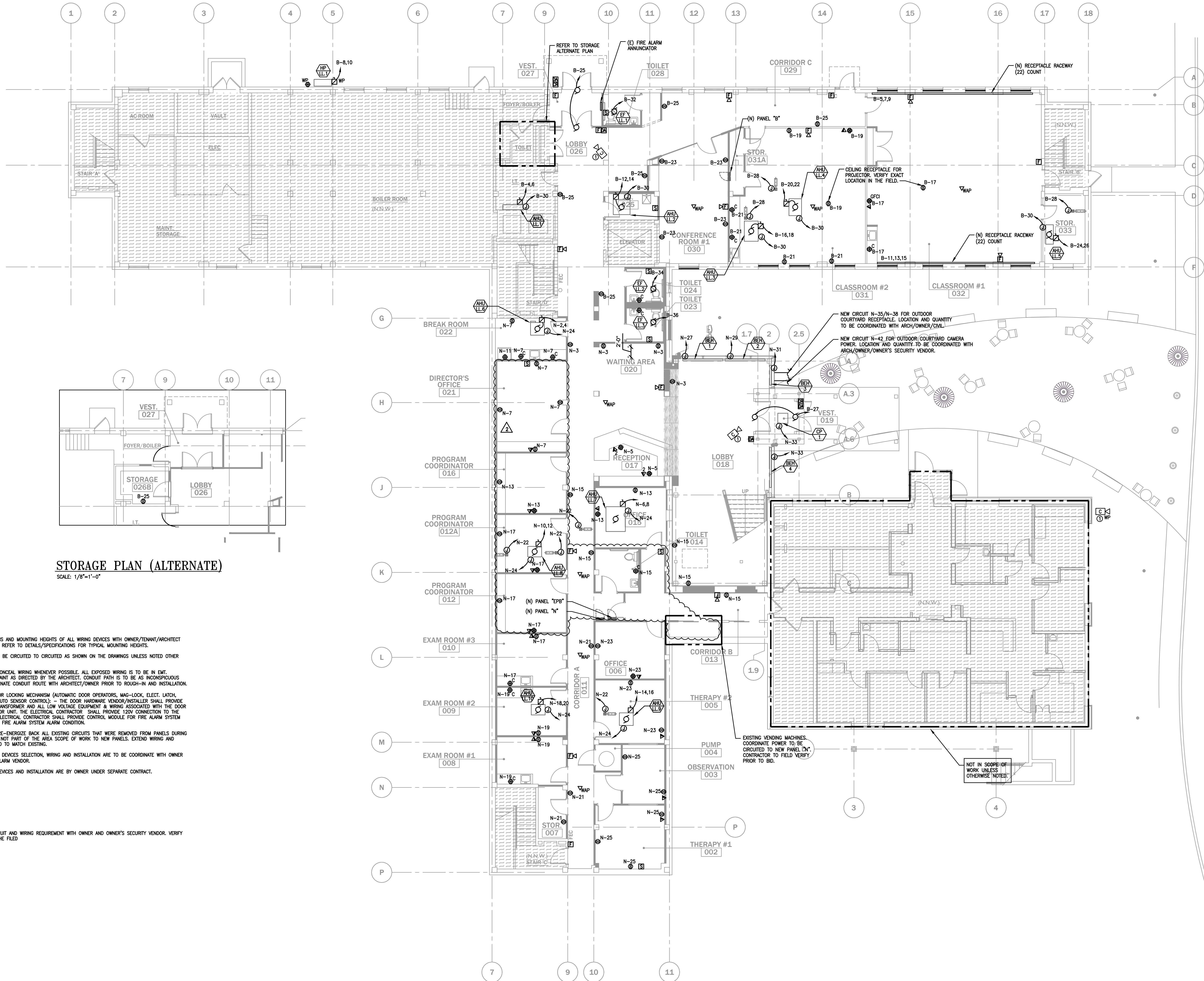
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NOTICE

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STORAGE PLAN (ALTERNATE)
SCALE: 1/8"=1'-0"

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

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- ELECTRICAL NOTES:**
- COORDINATE LOCATIONS AND MOUNTING HEIGHTS OF ALL WIRING DEVICES WITH OWNER/TENANT/ARCHITECT PRIOR TO ROUGH-IN. REFER TO DETAILS/SPECIFICATIONS FOR TYPICAL MOUNTING HEIGHTS.
 - ALL CIRCUITS ARE TO BE CIRCUITED TO CIRCUITED AS SHOWN ON THE DRAWINGS UNLESS NOTED OTHER WISE.
 - CONTRACTOR IS TO CONCEAL WIRING WHENEVER POSSIBLE. ALL EXPOSED WIRING IS TO BE IN EMT. CONTRACTOR IS TO PAINT AS DIRECTED BY THE ARCHITECT. CONDUIT PATH IS TO BE AS INCONSPICUOUS AS POSSIBLE. COORDINATE CONDUIT ROUTE WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN AND INSTALLATION.
 - CONNECTIONS TO DOOR LOCKING MECHANISM (AUTOMATIC DOOR OPERATORS, MAG-LOCK, ELECT. LATCH, ELECTRICAL STRIKE, AUTO SENSOR CONTROL) - THE DOOR HARDWARE VENDOR/INSTALLER SHALL PROVIDE THE LOW VOLTAGE TRANSFORMER AND ALL LOW VOLTAGE EQUIPMENT & WIRING ASSOCIATED WITH THE DOOR FOR A COMPLETE DOOR UNIT. THE ELECTRICAL CONTRACTOR SHALL PROVIDE 120V CONNECTION TO THE TRANSFORMER. THE ELECTRICAL CONTRACTOR SHALL PROVIDE CONTROL MODULE FOR FIRE ALARM SYSTEM DOOR RELEASE UPON FIRE ALARM SYSTEM ALARM CONDITION.
 - CONTRACTOR SHALL RE-ENERGIZE BACK ALL EXISTING CIRCUITS THAT WERE REMOVED FROM PANELS DURING DEMOLITION BUT ARE NOT PART OF THE AREA SCOPE OF WORK TO NEW PANELS. EXTEND WIRING AND CONDUIT AS REQUIRED TO MATCH EXISTING.
 - ALL NEW FIRE ALARM DEVICES SELECTION, WIRING AND INSTALLATION ARE TO BE COORDINATE WITH OWNER AND OWNER'S FIRE ALARM VENDOR.
 - ALL NEW SECURITY DEVICES AND INSTALLATION ARE BY OWNER UNDER SEPARATE CONTRACT.

- KEYNOTES:**
- ① COORDINATE ANY CIRCUIT AND WIRING REQUIREMENT WITH OWNER AND OWNER'S SECURITY VENDOR. VERIFY EXACT LOCATION IN THE FIELD.

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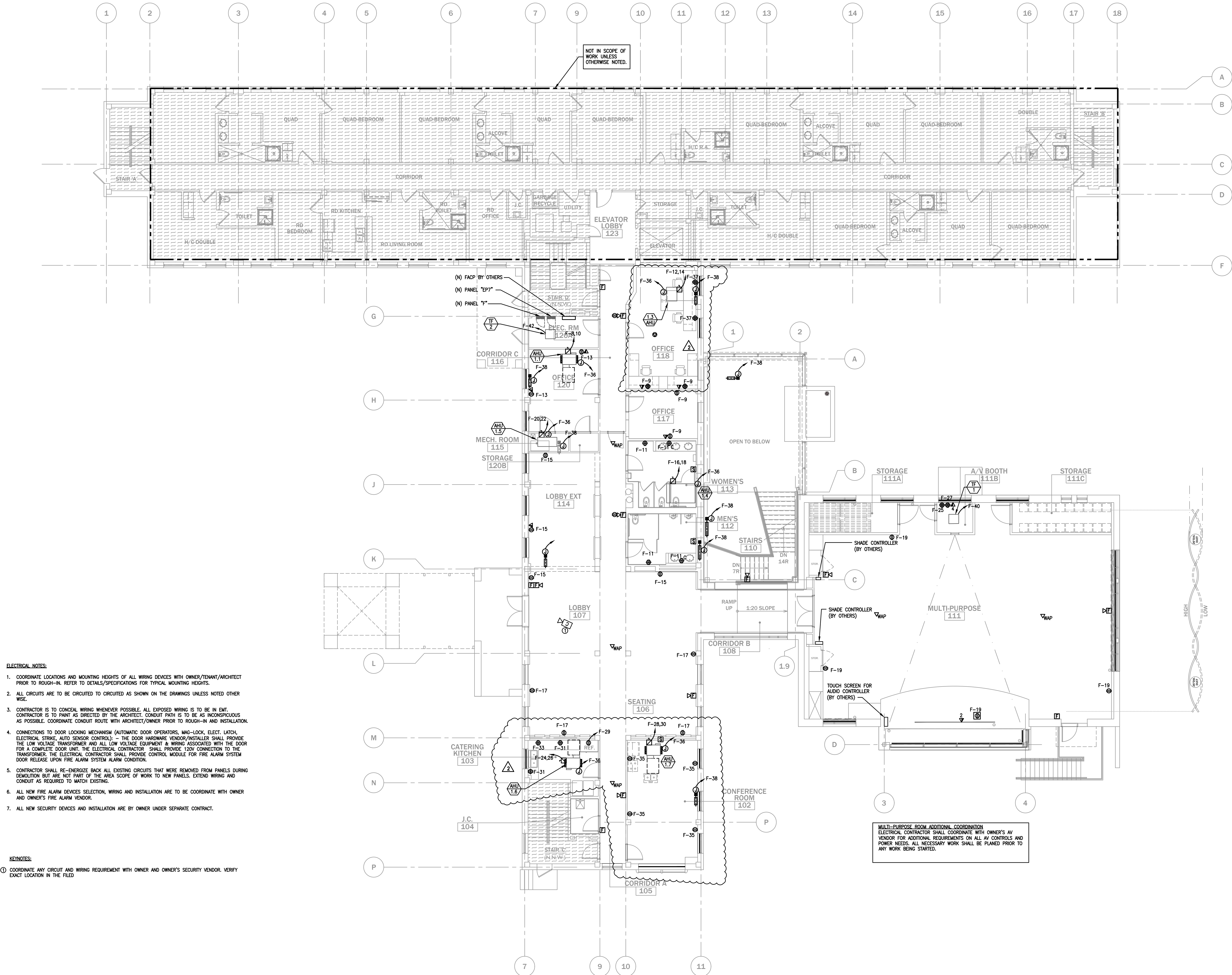
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Bid Revision #2 11/22/21			

**Sheet Name: GROUND FLOOR PLAN -
POWER - ELECTRICAL**

E1.3



- ELECTRICAL NOTES:**
- COORDINATE LOCATIONS AND MOUNTING HEIGHTS OF ALL WIRING DEVICES WITH OWNER/TENANT/ARCHITECT PRIOR TO ROUGH-IN. REFER TO DETAILS/SPECIFICATIONS FOR TYPICAL MOUNTING HEIGHTS.
 - ALL CIRCUITS ARE TO BE CIRCUITED TO CIRCUITED AS SHOWN ON THE DRAWINGS UNLESS NOTED OTHER WISE.
 - CONTRACTOR IS TO CONCEAL WIRING WHENEVER POSSIBLE. ALL EXPOSED WIRING IS TO BE IN EMT. CONTRACTOR IS TO PAINT AS DIRECTED BY THE ARCHITECT. CONDUIT PATH IS TO BE AS INCONSPICUOUS AS POSSIBLE. COORDINATE CONDUIT ROUTE WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN AND INSTALLATION.
 - CONNECTIONS TO DOOR LOCKING MECHANISM (AUTOMATIC DOOR OPERATORS, MAG-LOCK, ELECT. LATCH, ELECTRICAL STRIKE, AUTO SENSOR CONTROL): - THE DOOR HARDWARE VENDOR/INSTALLER SHALL PROVIDE THE LOW VOLTAGE TRANSFORMER AND ALL LOW VOLTAGE EQUIPMENT & WIRING ASSOCIATED WITH THE DOOR FOR A COMPLETE DOOR UNIT. THE ELECTRICAL CONTRACTOR SHALL PROVIDE 120V CONNECTION TO THE TRANSFORMER. THE ELECTRICAL CONTRACTOR SHALL PROVIDE CONTROL MODULE FOR FIRE ALARM SYSTEM DOOR RELEASE UPON FIRE ALARM SYSTEM ALARM CONDITION.
 - CONTRACTOR SHALL RE-ENERGIZE BACK ALL EXISTING CIRCUITS THAT WERE REMOVED FROM PANELS DURING DEMOLITION BUT ARE NOT PART OF THE AREA SCOPE OF WORK TO NEW PANELS. EXTEND WIRING AND CONDUIT AS REQUIRED TO MATCH EXISTING.
 - ALL NEW FIRE ALARM DEVICES SELECTION, WIRING AND INSTALLATION ARE TO BE COORDINATE WITH OWNER AND OWNER'S FIRE ALARM VENDOR.
 - ALL NEW SECURITY DEVICES AND INSTALLATION ARE BY OWNER UNDER SEPARATE CONTRACT.

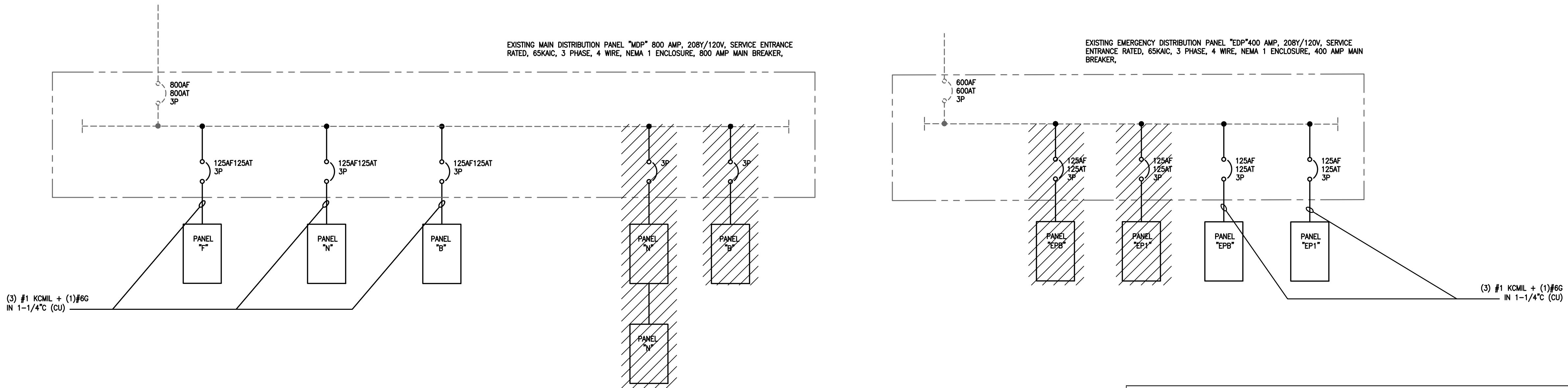
- KEYNOTES:**
- COORDINATE ANY CIRCUIT AND WIRING REQUIREMENT WITH OWNER AND OWNER'S SECURITY VENDOR. VERIFY EXACT LOCATION IN THE FILED

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

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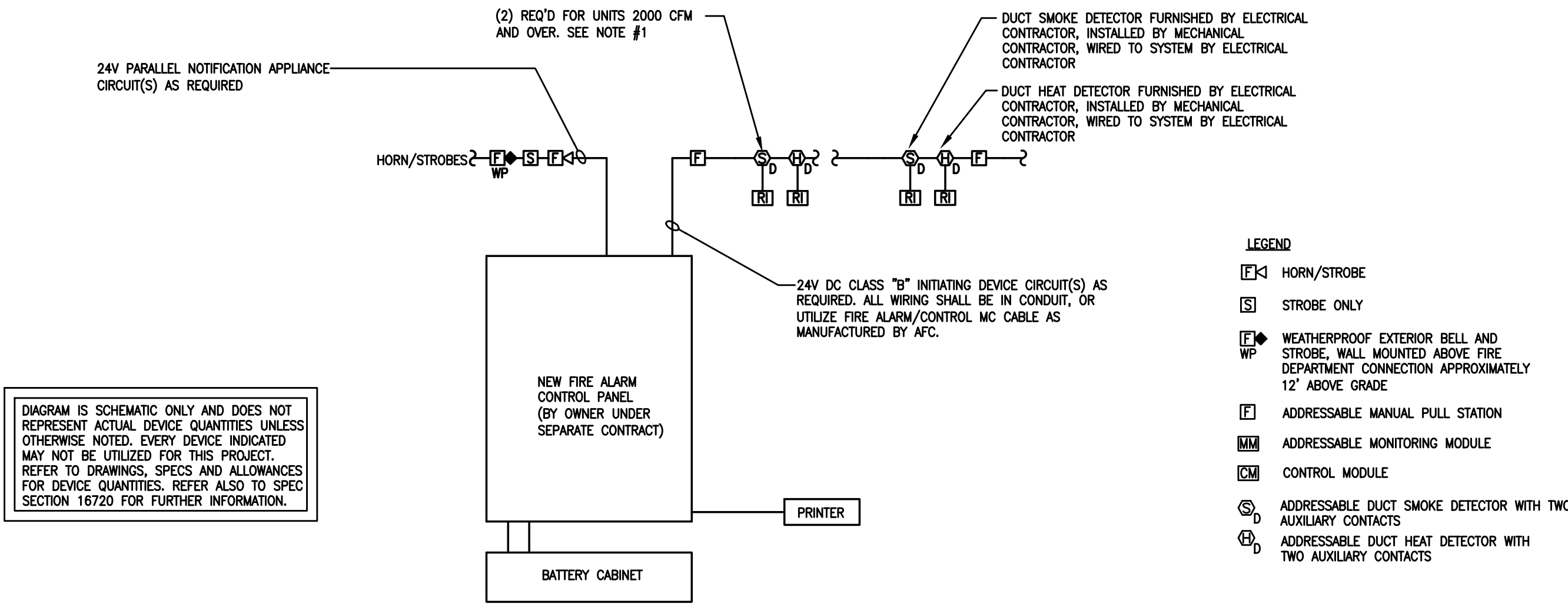
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Sheet Name: FIRST FLOOR PLAN - POWER - ELECTRICAL	Revisions:
Progress Prints:	1. Bid Revision #2 11/22/21
Bid Set 08/09/21	2. Bid Revision #2 11/22/21
	3. Bid Revision #2 11/22/21
	4. Bid Revision #2 11/22/21
	5. Bid Revision #2 11/22/21



ELECTRICAL SINGLE LINE DIAGRAM

SCALE: NONE



ADDRESSABLE FIRE ALARM SYSTEM SCHEMATIC WIRING DIAGRAM

SCALE: NONE

NOTES:
1. ONE SMOKE DETECTOR MAY BE INSTALLED WHERE DIRECTED BY THE LOCAL AUTHORITY IN LIEU OF TWO WHEN SYSTEMS ARE BETWEEN 2000 AND 15000 CFM.

2. PROVIDE MODEM, SOFTWARE & HARDWARE AS NECESSARY TO ALLOW REMOTE SUPERVISORY ACCESS.

LIGHTING FIXTURE SCHEDULE					
LISTED EQUIV. MFRS. IT IS NOT UNDERSTOOD THAT THIS IMPLIES A STANDARD FIXTURE IS ACCEPTABLE. THE FIXTURE MUST MEET ALL TECHNICAL REQUIREMENTS AS WELL AS BEING NAMED. ALTERNATE MANUFACTURERS ARE NOT ACCEPTABLE UNLESS ADDED BY ADDENDUM. REFER TO SPECIFICATION SECTION 16500 FOR DETAILS. CONTRACTOR IS RESPONSIBLE TO SELECT MOUNTING TYPE: SURFACE, RECESSED, LAY-IN, FLANGED, WALL, PENDANT, ETC. COLOR TEMPERATURES OF ALL LAMPS TO MATCH. ALL BALLAST TO BE ELECTRONIC, WITH <1.0% THD. ALL FIXTURE LENSES ARE TO BE SHIPPED WITHIN A PROTECTIVE COVERING. EMERGENCY FIXTURES ARE INDICATED AS PARTIALLY SHADED AND WITH "E" SUFFIX TO SYMBOL ON PLANS, e.g. "AE".					
TYPE	DESCRIPTION	LAMPS	WATTS	VOLTAGE	EQUIV. MFRS.
A	2x2 RECESSED LED RAILS RA1-22-B-35-F2-F2 (FINISHES BY ARCHITECT)	LED	28	120	FLUXWERK
B	2x2 RECESSED LED FLUXGRID 2-FGX-G-H-835-UNV-DIM (FINISHES BY ARCHITECT)	LED	41	120	DAY-BRITE
C	1x4 RECESSED LED RAILS RA1-14-B-35-F2-F2 (FINISHES BY ARCHITECT)	LED	28	120	FLUXWERK
D	4" X 4" RECESSED LED SEEM 2 F5M2L-AS-1000LF-35K-IC-UNV-D11-WH (FINISHES BY ARCHITECT)	LED	39	120	FOCAL POINT
E.1	ID+ 3.5" DOWNLIGHT GWB CEILING, FLC3D-SW-900L-UNV-L11-LC3 (FINISHES BY ARCHITECT)	LED	10	120	FOCAL POINT
E.2	ID+ 3.5" DOWNLIGHT act CEILING, FLC3D-SW-1100L-UNV-L11-LC3 (FINISHES BY ARCHITECT)	LED	12	120	FOCAL POINT
E.3	ID+ 2.5" DOWNLIGHT GWB CEILING, FLC2D-SW-900L-UNV-L11-LC3 (FINISHES BY ARCHITECT)	LED	10	120	FOCAL POINT
F.1	DOWNLIGHT LIGHTOLIER 3" CYLINDER C3C-PCS-DL-10-935-Z10U (FINISHES BY ARCHITECT)	LED	12	120	LIGHTOLIER
F.2	DOWNLIGHT LIGHTOLIER 6" CYLINDER C6-P-DL-25-35-W-210-U-LI-W (FINISHES BY ARCHITECT)	LED	25	120	LIGHTOLIER
G	SKYDOME FSDEP-2-FL-2000DN-35K-1C-35K-IC-INV-LD1-WH (FINISHES BY ARCHITECT)	LED	29	120	FOCAL POINT
H	MINI RING UP 3-4" DIAMETER PENDANT RPM-UP-DN-48 (FINISHES BY ARCHITECT)	LED	40	120	MINI RING UP
J	DAY BRITE 4" F55-4-20L-835-UNV-DIM (FINISHES BY ARCHITECT)	LED	20	120	DAY BRITE
K	BACKLIT MIRROR 69455-EL5-3226-30K-RMT (FINISHES BY ARCHITECT)	LED	37	120	ELIO
L	LIGHTOLIER TRACK LIGHT- OMNI SPOT LIGHT LC-XX-10-835-XX-TE (FINISHES BY ARCHITECT)	LED	10/LED	120	LIGHTOLIER
M	VODE WINGRAIL 107-WG-01-72"-WA-3-IP-AE-2-S0 (FINISHES BY ARCHITECT)	LED	37	120	VODE
N-1	FOCAL POINT SEEM 1 F5M1S-AS-125LF-35K-1C-UNV-LD1-XX (FINISHES BY ARCHITECT)	LED	48	120	FOCAL POINT
P	FLUXWERK PORTAL TC1-S-09-S-J1-WW-M1-8-35-E-F2-M (FINISHES BY ARCHITECT)	LED	28	120	FLUXWERK
Q	GARDCO LED MINI SCIENCE 1111-16L-XX-WW-GX-2-UNV-PCB-F2 (FINISHES BY ARCHITECT)	LED	60	120	GARDCO
R	VISIONEERING LR7A-WET LOCATION LR7A-C29-2X2-LED-B-35K-046L-UNV (FINISHES BY ARCHITECT)	LED	41	120	VISIONEERING
S	MP LIGHTING L106-S-XX-S2-W355-S-F-AC-MA-120V (FINISHES BY ARCHITECT)	LED	24	120	MP LIGHTING
T	TLS LIGHTING TLS-LG-AS-24WX72L-35 / K-WL-RD-P-0-10-IN-S5 (FINISHES BY ARCHITECT)	LED	24	120	TLS LIGHTING
X.1	CHLORIDE EXIT SIGN, VIRGIN ACRYLIC GRADUATED DEPTH ULTRASONICALLY WELDED, NO VISIBLE HARDWARE, BRUSHED ALUMINUM HOUSING, CHEVRON INDICATORS, UNIVERSAL ROUGH-IN FOR BACK, WALL MOUNTED, U.L. LISTED, NFPA 101, 5 YEAR WARRANTY, WITH NI-CAD BATTERY, CHARGER, TEST SWITCH. SIGNIFY CHLORIDE ER44LUX	LED	5	120	SIGNIFY
X.2	CHLORIDE EXIT SIGN, VIRGIN ACRYLIC GRADUATED DEPTH ULTRASONICALLY WELDED, NO VISIBLE HARDWARE, BRUSHED ALUMINUM HOUSING, CHEVRON INDICATORS, UNIVERSAL ROUGH-IN FOR BACK, CEILING MOUNTED, U.L. LISTED, NFPA 101, 5 YEAR WARRANTY, WITH NI-CAD BATTERY, CHARGER, TEST SWITCH. SIGNIFY CHLORIDE ER44LUX	LED	5	120	SIGNIFY
X.3	EXTERIOR BATTERY WALL PACK Gray, compact, low-profile contemporary design. Engineering-grade thermoplastic, housing is impact-resistant, scratch-resistant and corrosion-proof. Rugged, heavy-duty, polycarbonate clear housing lens. UL94V-0 flame rating. WLTU MR ELA WG1	LED	5	120	LITHONIA

PANEL SCHEDULE				EPB	
PANEL LABEL: EPB		MAINS: 125 AMP		ENCLOSURE	
A.I.C.: 10K or 22K or 42K or 50K or 65K		MCB: 125 AMP 3 POLE		NEMA: 1	
208/120 VOLT 3 PHASE 4 WIRE		LUGS: MCB		MOUNTING: S	
		TOP: BOTTOM:		WIDTH:	
CKT	TRIP	POLE	DESCRIPTION	WATT	WATT
1	20	1	EMERGENCY LIGHTS	500	SPARE
3	20	1	EMERGENCY LIGHTS	500	SPARE
5	20	1	EMERGENCY LIGHTS	500	SPARE
7	20	1	EMERGENCY LIGHTS EXTERIOR	500	SPARE
9	20	1	SPARE		SPARE
11	20	1	SPARE		SPARE
13	20	1	SPARE		SPARE
15	20	1	SPARE		SPARE
17	20	1	SPARE		SPARE
19	20	1	SPARE		SPARE
21	20	1	SPARE		SPARE
23	20	1	SPARE		SPARE
25	20	1	SPARE		SPARE
27	20	1	SPARE		SPARE
29	20	1	SPARE		SPARE
31	20	1	SPARE		SPARE
33	20	1	SPARE		SPARE
35	20	1	SPARE		SPARE
37	20	1	SPARE		SPARE
39	20	1	SPARE		SPARE
41	20	1	SPARE		SPARE
		2000		0	
				2000	
				7	
				AMPS	

PANEL SCHEDULE				B	
PANEL LABEL: B		MAINS: 125AMP		ENCLOSURE	
A.I.C.: 10K or 22K or 42K or 50K or 65K		MCB: 125 AMP 3 POLE		NEMA: 1	
208/120 VOLT 3 PHASE 4 WIRE		LUGS: MCB		MOUNTING: S	
		TOP: BOTTOM:		WIDTH: 22"	
CKT	TRIP	POLE	DESCRIPTION	WATT	WATT
1	20	1	CLASSROOM #032 LIGHT	480	600
3	20	1	LOBBY #028 LIGHT	300	1000
5	20	1	RECEPTACLE RACEWAY RM #032	1080	1000
7	20	1	RECEPTACLE RACEWAY RM #032	1080	1000
9	20	1	RECEPTACLE RACEWAY RM #032	1080	1000
11	20	1	RECEPTACLE RACEWAY RM #032	1080	1000
13	20	1	RECEPTACLE RACEWAY RM #032	1080	1000
15	20	1	RECEPTACLE RACEWAY RM #032	1080	420
17	20	1	RECEPTACLE RM #032	720	1960
19	20	1	RECEPTACLE RM #031	720	1960
21	20	1	RECEPTACLE RM #030	900	3040
23	20	1	MOTORIZED DOOR	500	300
25	20	1	MOTORIZED DOOR	500	300
27	20	1	MOTORIZED DOOR	500	300
29	20	1	SPARE		SPARE
31	20	1	SPARE		SPARE
33	20	1	SPARE		SPARE
35	20	1	SPARE		SPARE
37	20	1	SPARE		SPARE
39	20	1	SPARE		SPARE
41	20	1	SPARE		SPARE
		11140		11360	
				22500	
				78	
				AMPS	

PANEL SCHEDULE				N	
PANEL LABEL: N		MAINS: 125 AMP		ENCLOSURE	
A.I.C.: 10K or 22K or 42K or 50K or 65K		MCB: 125 AMP 3 POLE		NEMA: 1	
208/120 VOLT 3 PHASE 4 WIRE		LUGS: MCB		MOUNTING: S	
		TOP: BOTTOM:		WIDTH:	
CKT	TRIP	POLE	DESCRIPTION	WATT	WATT
1	20	1	RM #14, 15, 23, 24, 1020 LIGHT	400	420
3	20	1	RECEPTACLE WAIT #020	720	3240
5	20	1	RECEPTACLE RECEPT #017	720	3240
7	20	1	RECEPTACLE CONF RMW #021	540	420
9	20	1	RECEPTACLE BREAK #022	540	420
11	20	1	BREAK RMW #022 FRIDGE	900	420
13	20	1	RECEPTACLE RM #018 #019	1080	670
15	20	1	RECEPTACLE CORR TOILET #014	1080	420
17	20	1	RECEPTACLE RM #012 #010	1080	420
19	20	1	RECEPTACLE RM #008 #009	720	420
21	20	1	RECEPTACLE CORR TOILET #007	540	420
23	20	1	RECEPTACLE RMW008 #005	900	600
25	20	1	RECEPTACLE RM #002 #003	900	SPARE
27	20	1	BEH1	1172	SPARE
29	20	1	BEH2	1172	SPARE
31	20	1	BEH3	586	SPARE
33	20	1	BEH4	1172	SPARE
35	20	1	RM #1	375	1080
37	20	1	RM #1	375	1080
39	20	1	RM #1	1000	1000
41	20	1	RM #1	500	500
		14777		9633	
				24407	
				88	
				AMPS	

PANEL SCHEDULE				F	
PANEL LABEL: F		MAINS: 125 AMP		ENCLOSURE	
A.I.C.: 10K or 22K or 42K or 50K or 65K		MCB: 125 AMP 3 POLE		NEMA: 1	
208/120 VOLT 3 PHASE 4 WIRE		LUGS: MCB		MOUNTING: S	
		TOP: BOTTOM:		WIDTH:	
CKT	TRIP	POLE	DESCRIPTION	WATT	WATT
1	20	1	RMW 120A 120, 115, 114 LIGHTS	500	200
3	20	1	RMW 119, 118, 117, 113, 112 LIGHTS	700	700
5	20	1	RMW LOBBY #018	500	1000
7	20	1	RMW 102, 103, 104, 105 LIGHTS	500	420
9	20	1	RECEPTACLE	1080	100
11	20	1	RECEPTACLE	1080	420
13	20	1	RECEPTACLE	1080	100
15	20	1	RECEPTACLE	1080	420
17	20	1	RECEPTACLE	1080	1310
19	20	1	RECEPTACLE	1080	1310
21	20	1	RECEPTACLE	1080	300
23	20	1	RECEPTACLE	360	500
25	20	1	A/V BOOTH QUAD	360	500
27	20	1	A/V BOOTH QUAD	360	500
29	20	1	KITCHEN 103	360	300
31	20	1	KITCHEN 103	180	300
33	20	1	CONF ROOM 102	720	700
35	20	1	OFFICE RECEPTACLE 118	360	700
37	20	1	SPARE	500	TF-1
39	20	1	SPARE	500	TF-2
41	20	1	SPARE	14081	8005
				22081	
				77	
				AMPS	

PANEL SCHEDULE				EP1	
PANEL LABEL: EP1		MAINS: 125AMP		ENCLOSURE	
A.I.C.: 10K or 22K or 42K or 50K or 65K		MCB: 125 AMP 3 POLE		NEMA: 1	
208/120 VOLT 3 PHASE 4 WIRE		LUGS: MCB		MOUNTING: S	
		TOP: BOTTOM:		WIDTH:	
CKT	TRIP	POLE	DESCRIPTION	WATT	WATT
1	20	1	COORIDOR LIGHTS	240	400
3	20	1	LOBBY #108 LIGHTS	400	1000
5	20	1	EMERGENCY LIGHTS	200	200
7	20	1	SPARE		SPARE
9	20	1	SPARE		SPARE
11	20	1	SPARE		SPARE
13	20	1	SPARE		SPARE
15	20	1	SPARE		SPARE
17	20	1	SPARE		SPARE
19	20	1	SPARE		SPARE
21	20	1	SPARE		SPARE
23	20	1	SPARE		SPARE
25	20	1	SPARE		SPARE
27	20	1	SPARE		SPARE
29	20	1	SPARE		SPARE
31	20	1	SPARE		SPARE
33	20	1	SPARE		SPARE
35	20	1	SPARE		SPARE
37	20	1	SPARE		SPARE
39	20	1	SPARE		SPARE
41	20	1	SPARE		SPARE
		840		1900	
				2440	
				8	
				AMPS	