

LEGEND

	EXISTING DUCTWORK, EQUIPMENT, ETC. TO REMAIN
	EXISTING DUCTWORK, EQUIPMENT, ETC. TO BE REMOVED
	NEW DUCTWORK
	NEW EQUIPMENT
	NEW CEILING DIFFUSER
	NEW CEILING EXHAUST/RETURN REGISTER
	SQUARE DUCT TURN WITH TURNING VANES
	EXISTING 4-WAY CEILING DIFFUSER
	EXISTING CEILING REGISTER
	DUCT MTD. MANUAL AIR VOLUME DAMPER (W/LOCKING DEVICE) OR CABLE OPERATED WHERE DAMPER IS INACCESSIBLE
	MOTORIZED AIR VOLUME DAMPER (WITH ACCESS DOOR)
	SMOKE DAMPER (U.L. APPROVED) & ACCESS DOOR
	FIRE DAMPER (U.L. APPROVED) & ACCESS DOOR
	EXISTING HEAT-PUMP UNIT IDENTIFICATION
	EXISTING ENERGY RECOVERY UNIT IDENTIFICATION
	CUBIC FEET PER MINUTE
	CABLE OPERATED DAMPER FROM AIR OUTLET
	FULL SIZE CONNECTION
	OUTSIDE AIR INTAKE
	FLEXIBLE CONNECTION
	ACCESS DOOR
	FRESH AIR INTAKE
	FIRE DAMPER
	WALL MTD. (5'-2"+/- A.F.F.) TEMPERATURE SENSOR
	EXISTING TEMPERATURE SENSOR
	POINT OF DISCONNECTION
	POINT OF CONNECTION, NEW TO EXISTING
	CUBIC FEET PER MINUTE
	SECTION/DETAIL/ELEVATION/PART NUMBER
	DRAWING NUMBER
	SECTION/ELEVATION IDENTIFICATION

REMOVAL NOTES

REMOVAL NOTES:

- THE SCOPE OF REMOVAL SHOWN ON "REMOVALS" DRAWINGS IS DIAGRAMMATIC ONLY AND INDICATES THE INTENT OF THE WORK TO BE PERFORMED AND NOT THE COMPLETE SCOPE OF DEMOLITION AND/OR REMOVAL WORK. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO REMOVE ANY RELATED MECHANICAL DEVICES EVEN IF NOT SPECIFICALLY INDICATED TO BE REMOVED ON THESE DRAWINGS IN ORDER TO ACCOMMODATE NEW WORK.
- DEVICES SHOWN CROSS HATCHED ON DRAWINGS ARE ITEMS TO BE REMOVED. ANY DEVICES REMOVED SHALL INCLUDE (BUT SHALL NOT BE LIMITED TO) THE REMOVAL OF ALL ASSOCIATED PIPING, CONTROLS, ETC. THAT ARE NOT INCORPORATED IN THE NEW LAYOUT. UNTIL SUCH REMOVAL IS COMPLETE, THIS CONTRACTOR SHALL PERFORM ALL WORK REQUIRED TO INSURE CONTINUITY OF SERVICE TO EXISTING REMAINING EQUIPMENT. NO EXTRAS RELATING TO THE SCOPE OF WORK DESCRIBED WILL BE ALLOWED.
- EQUIPMENT, PIPING, ETC., REQUIRED TO RECONNECT SHALL BE INSTALLED CONCEALED WITHIN THE NEW SUSPENDED CEILINGS, PARTITIONS AND/OR WALLS, FLOORS, NO SURFACE MOUNTED OR EXPOSED EQUIPMENT, PIPING, ETC., SHALL BE PERMITTED, UNLESS SPECIFICALLY INDICATED.
- ALL ITEMS TO BE REMOVED SHALL BE REVIEWED WITH THE OWNER PRIOR TO REMOVAL. OWNER SHALL HAVE FIRST SALVAGE RIGHTS. ITEMS THE OWNER WISHES TO KEEP SHALL BE REMOVED WITH CARE AND STORED AS DIRECTED BY OWNER. ITEMS THE OWNER DOES NOT WISH TO KEEP SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.
- PERFORM INITIAL AIR BALANCING REPORT AND UNIT SERVICE REPORT FOR THE EXISTING ROOF MOUNTED ENERGY RECOVERY UNIT (ERU) AND THE CEILING MOUNTED HEAT PUMP UNITS (HP=1&2) SERVING THE TOILET ROOMS AND ADJACENT CORRIDORS. SUBMIT A DETAILED REPORT WITH ANY UNIT DEFICIENCIES FOR REVIEW AND COURSE OF ACTION BY OWNER.

PVMS TOILET ROOM ALTERATIONS

CAPITAL PROJECTS PHASE 2
142 PEEKSKILL HOLLOW RD
PUTNAM VALLEY, NY 10579

listen imagine build

KG+D . ARCHITECTS PC
385 MAIN STREET MOUNT KISCO, NEW YORK 10549
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BARILE GALLAGHER & ASSOCIATES

CONSULTING ENGINEERS
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914.328.6090 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

NY SED PROJECT CONTROL NO.
48-05-03-04-0-004-016

CONSTRUCTION DOCUMENTS

Project North

KEY PLAN

REMOVAL NOTES

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KEY PLAN

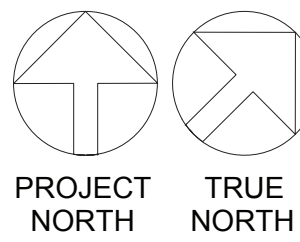
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Professional Seal

No.	Date	Issue
3	03/15/21	CONSTRUCTION DOCUMENTS
1	02/01/21	SED SUBMISSION

FIRST AND SECOND FLOOR REMOVAL PLANS

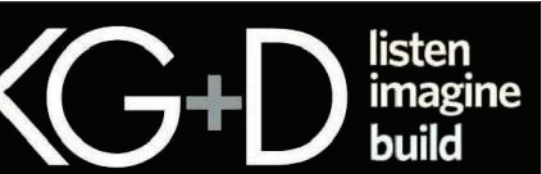
Job No.	2020-1051	Date	01/14/2021
Scale	AS NOTED	Drawn / Checked	BGA/BGA
Sheet Number	H101		



PVMS TOILET ROOM ALTERATIONS

CAPITAL PROJECTS PHASE 2

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PUTNAM VALLEY, NY 10579



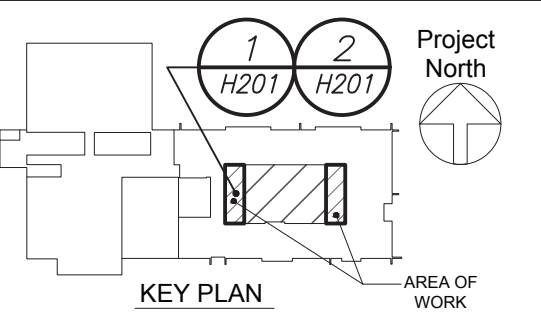
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48-05-03-04-0-004-016

CONSTRUCTION DOCUMENTS



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WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS BEFORE. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, UNLESS PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE XIX, SECTION 241.5 OF NEW YORK STATE LAW.

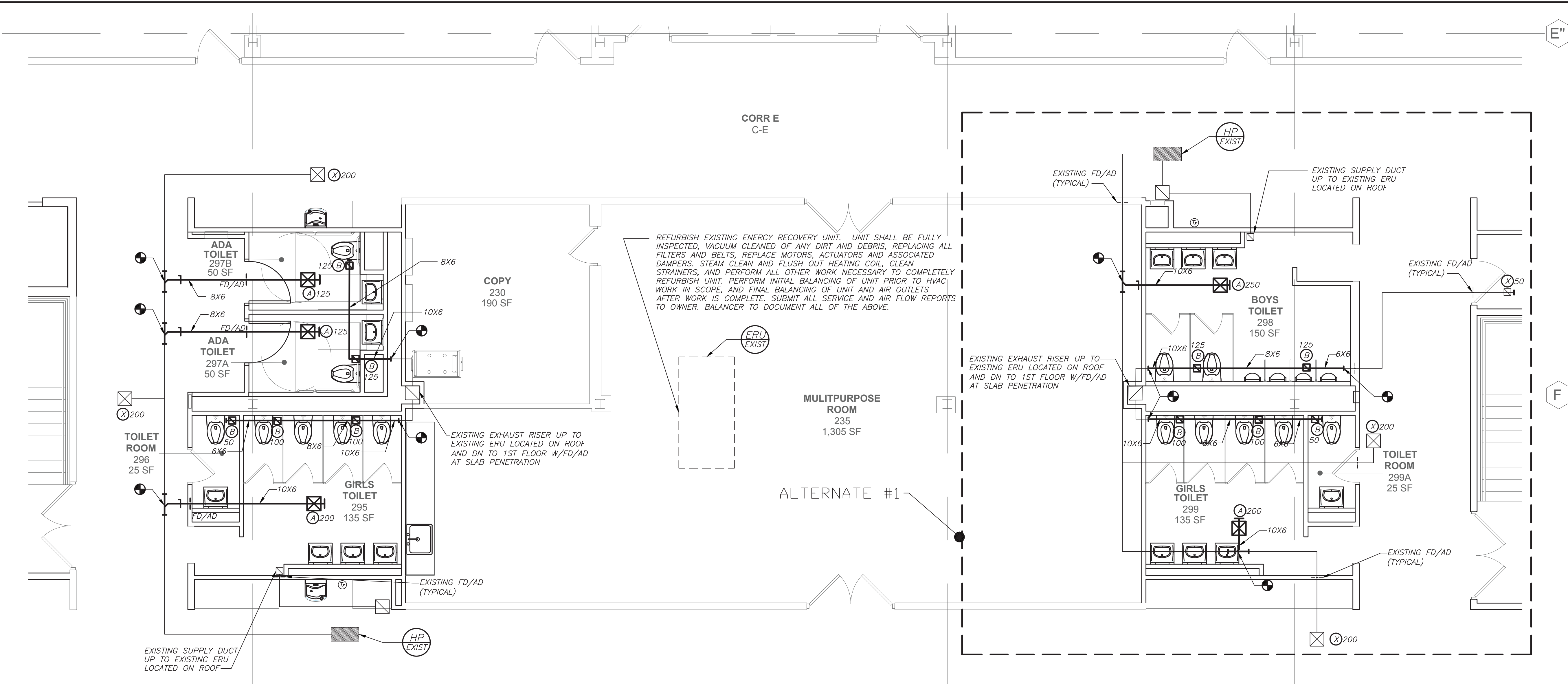
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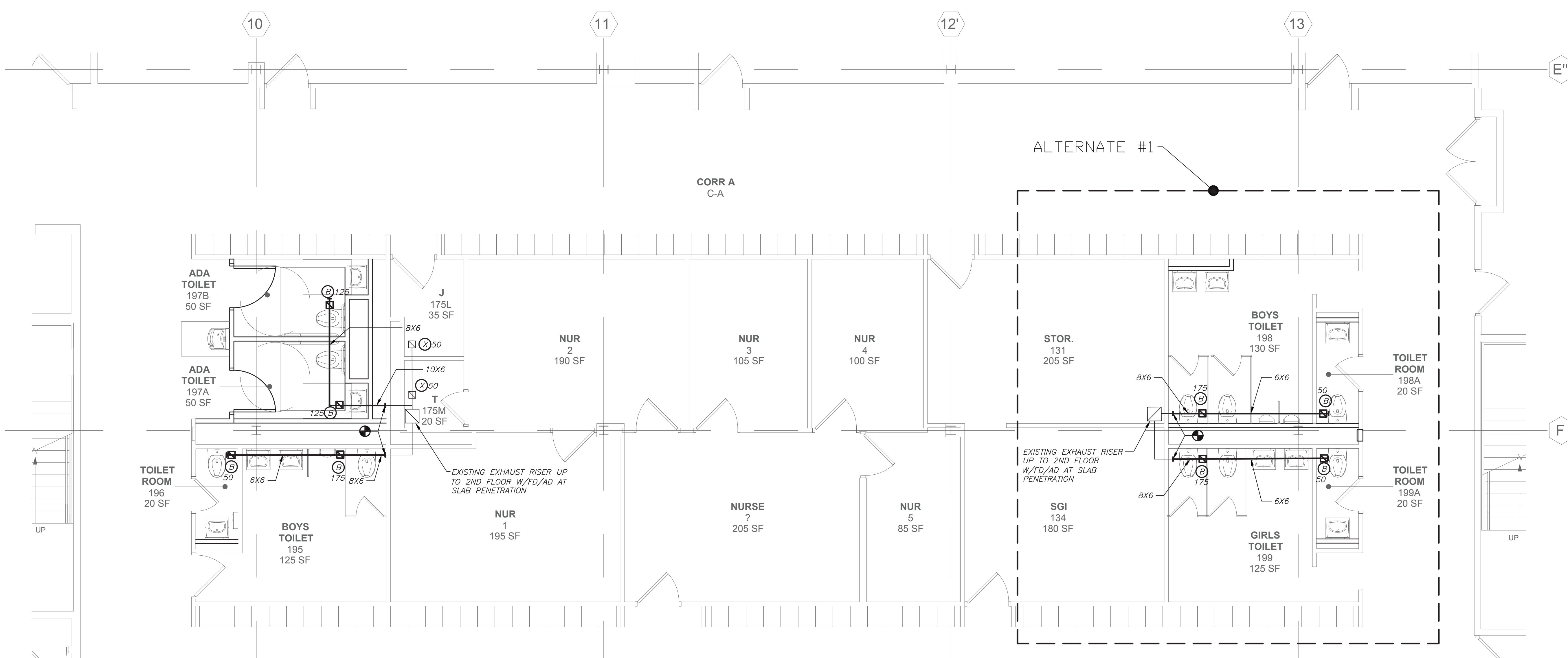
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1	02/01/21	SED SUBMISSION

Sheet Title
FIRST AND SECOND FLOOR PLANS

Job No.	2020-1051	Date	01/14/2021
Scale	AS NOTED	Drawn / Checked	BGA/BGA
Sheet Number	H201		



SECOND FLOOR
(NEW WORK)



FIRST FLOOR
(NEW WORK)

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

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SCHEDULE OF EXISTING WATER SOURCE HEAT PUMP UNITS															
MARK	MODEL No. ❶	TYPE	LOCATION	SUPPLY CFM	O.A. CFM	EXT. S.P.	WATER GPM	❷ COOLING		❷ HEATING		ELECTRICAL DATA			REMARKS
								TOTAL CAP. (MBH)	SENSIBLE (MBH)	TOTAL CAP. (MBH)	MCA	MOCP	ELECTRIC SERVICE		
❸ HP EXIST	-	HORIZONTAL	CEILING	850	350	0.4	4.5	24.8	18.3	20.0	13.0	20	208/1/60	❸	
NOTES	❶ AS MANUFACTURED BY "WATER FURNACE";														
	❷ SCHEDULED EER'S AND COP'S ARE AT THE CONDITIONS INDICATED (I.E. 80°F EWT SUMMER AND 30°F EWT WINTER).														
	❸ PERFORMANCE BASED ON 20% ENVIRONOL 200 GLYCOL SOURCE FLUID.														

SCHEDULE OF EXISTING ENERGY RECOVERY UNITS													
GENERAL DATA					SUPPLY FAN DATA			RETURN-EXHAUST FAN			ELECTRICAL DATA		REMARKS
MARK	SERVICE	LOCATION	OUTSIDE AIR CFM MIN/MAX	MODEL No. ❶	CFM	EXT. S.P. IN WG	MOTOR HP	CFM MIN/MAX	EXT. S.P. IN WG	MOTOR HP	MCA	ELECTRIC SERVICE	
Ⓜ	TOILETS/CORRIDORS	ROOF	2000	-	2000	0.4	1.5	2000	0.4	1.5	23	208/3/60	❷❸
NOTES ❶ AS MANUFACTURED BY "VENMAR" ❷ DESIGN AIR CONDITIONS: SUMMER OA (95°F/75°F) RA (75°F/63°F) ❷ BASED ON A.R.I. CERTIFIED COIL SELECTIONS. ❸ BASED ON HOT WATER SUPPLY TEMPERATURE OF 160°F AND RETURN TEMPERATURE OF 140°F. WINTER OA (6°F) RA (70°F/33°F)													

SCHEDULE OF REGISTERS AND DIFFUSERS							
MARK	TYPE	SERVICE	MODEL No. ❶	DIRECTION DISCHARGE	DAMPER TYPE	FINISH	REMARKS
A	CEILING DIFFUSER	SUPPLY	EPL/E-1	4-WAY	OPPOSED BLADE	PER ARCH.	REFER TO ❷❸❹❺
B	CEILING REGISTER	RETURN	30/S/45	-	↓	↓	REFER TO ❷❸❹❺❻
X	EXISTING OUTLET						
NOTES	❶ AS MANUFACTURED BY "ANEMOSTAT."						
	❷ INSTALL PER MANUFACTURER'S RECOMMENDATIONS.						
	❸ 45 DEGREES DEFLECTION TOWARD WALL/FLOOR.						
	❹ PROVIDE CABLE OPERATED DAMPER WHERE NOT ACCESSIBLE						
	❺ PROVIDE BLANK-OFF BAFFLES, VOLUME DAMPER, EQUALIZING GRID AND MOLDED INSULATION BLANKET						
	❶ SUPPLY NECK SIZE PER CFM RANGE (NOT TO EXCEED 500 fpm)				❷ RETURN NECK SIZE PER CFM RANGE (NOT TO EXCEED 675 fpm)		
	50 100 150 200 250 300 350 400 450 500				50 100 150 200 250 300 350 400 450 500		
	600 700 800 900 1000 1100 1200 1300 1400 1500				600 700 800 900 1000 1100 1200 1300 1400 1500		
	1600 1700 1800 1900 2000 2100 2200 2300 2400 2500				1600 1700 1800 1900 2000 2100 2200 2300 2400 2500		
	2600 2700 2800 2900 3000 3100 3200 3300 3400 3500				2600 2700 2800 2900 3000 3100 3200 3300 3400 3500		