

LEGEND (NOT ALL SYMBOLS SHOWN ON THIS LEGEND ARE NECSSARILY USED ON THIS PROJECT) VALVES PIPE ACCESSORIES FIRE PROTECTION EXISTING/DEMOLISHED PIPING: LAB GAS: PIPEWORK SHORTENED FOR CLARITY PIPE RISE / DROPS NOTE: DEMOLISHED ITEMS WITH "R" —₩— GATE VALVE ── SIGHT GLASS DENOTES "SAVE FOR REINSTALLATION EXISTING PIPEWORK TO BE DEMOLISHED —LCA — LAB COMPRESSED AIR PIPEWORK CONTINUED ELSEWHERE IN NEW LOCATION" PIPEWORK SHORTENED FOR CLARITY (ALTERNATE SYMBOL) UP FROM BELOW / UP TO ABOVE - EXISTING PIPEWORK TO REMAIN LAB CARBON DIOXIDE GAS **──** BUTTERFLY VALVE **──©M**── GAS METER - EXISTING DOMESTIC COLD WATER PIPE FLOW ARROW (SMALL) LAB HYDROGEN GAS DOWN TO BELOW / DOWN FROM GLOBE VALVE (TOP / SIDE) **──₩** WATER METER ● PENDANT (DEMOLISHED) - EXISTING DOMESTIC HOT WATER PIPE FLOW ARROW (LARGE) LIQUID NITROGEN ABOVE PENDANT (REMOVE AND REINSTALL IN NEW LOCATION) CIRCUIT BALANCING VALVE MAGNETIC FLOW METER — N2 — LAB NITROGEN GAS VENT UP FROM BELOW / UP TO ABOVE ₹ HORIZONTAL VALVE FLEXIBLE CONNECTION RECESSED EQUIPMENT: — O2 — LAB OXYGEN GAS D PUMP ا عف INS اعد INS اعد O UPRIGHT ANGLE GLOBE VALVE PLUMBING: — VAC — LAB VACUUM PIPING VENT UP FROM BELOW / UP TO VENT CAP AUTO-FLOW BALANCING VALVE (NON-INSULATED) CONCEALED — CA — COMPRESSED AIR PIPE ------ FIN TUBE RADIATION —₩ TWO-WAY CONTROL VALVE THRUST BLOCK FIN TUBE RADIATION IN CABINET DRY PENDANT MEDICAL GAS: — CV — CENTRAL VAC - DRY MOP TERMINAL CONTROL AND BALANCE VALVE RADIANT PANEL -OF DRY PENDANT (EXISTING) → PIPE ANCHOR - CV-W ------ CENTRAL VAC - WET — MA — MEDICAL AIR PRESSURE INDEPENDENT CONTROL VALVE (PICV) —— PIPE GUIDES X PRE-ACTION — DCW — DOMESTIC COLD WATER — CO2 — MEDICAL CO2 UNIT HEATER (HORIZONTAL) SCHEMATIC INLET/OUTLET ───────── THREE-WAY CONTROL VALVE EXPANSION COMPENSATOR SIDEWALL — DHW — DOMESTIC HOT WATER -N2 ----- MEDICAL NITROGEN UNIT HEATER (VERTICAL) A^{AV} auto vent TYPE PLUMBING FIXTURE TYPE TAG SOLENOID OPERATED VALVE **△** CONCEALED SIDEWALL - DHWR — DOMESTIC HOT WATER RECIRC. -N2O ------ MEDICAL NITROUS OXIDE DOMESTIC COLD WATER - PRESSURE BOOSTED 中^{MV} MANUAL VENT —I∳— PLUG VALVE A RECESSED SIDEWALL — O2 — MEDICAL OXYGEN SIZE GRILLE / DIFFUSER TAG ,<u>十</u> shutoff cock FIRE HOSE CABINET MECHANICAL ACRONYMS: —SW — SOFTENED DOMESTIC WATER -MGS --- MEDICAL GAS SCAVENGING S AIR SEPARATOR FIRE HOSE CABINET WITH HOSE REEL ────── MANUAL THREE-WAY VALVE ACD AUTOMATIC CONTROL DAMPER — TW — DOMESTIC TEMPERED WATER -MV ----- MEDICAL VACUUM HAND WHEEL - RISING STEM (OS&Y) PIPE SPRING HANGER FIRE VALVE CABINET AD ACCESS DOOR FIN LENGTH FIN TUBE RADIATION TAG -NPW ---- NON-POTABLE WATER PIPE FIRE EXTINGUISHER L PUMP SUCTION DIFFUSER HAND WHEEL - NON-RISING STEM AP ACCESS PANEL SAN SANITARY DRAINAGE MEDICAL GAS VALVES TYPE OUTPUT RADIANT PANEL TAG HAND WHEEL - SUPERVISED FIRE EXTINGUISHER (EXISTING) IIII BASKET STRAINER — SAN————— SANITARY DRAINAGE (BELOW) MEDICAL GAS ZONE VALVE AS AIR SEPARATOR SURFACE MOUNTED F.E. CABINET MEDICAL GAS OUTLET (TYPE GEAR OPERATED MANUAL VALVE PIPE STRAINER XXXX EQUIPMENT IDENTIFICATION TAG BD BALANCING DAMPER ─ V — SANITARY VENT ⟨TP⟩ TIE-IN POINT □ □ ➡ SEMI-RECESSED F.E. CABINET ——

PINCH VALVE PIPE STRAINER - WITH BLOWDOWN STORM WATER DRAINAGE MEDICAL GAS - NON RETURN VALVE BDD BACKDRAFT DAMPER PIPE STRAINER - WITH BALL VALVE BLOWDOWN AND HOSE CONNECTION □□□ FULLY RECESSED F.E. CABINET — STW — STORM WATER DRAINAGE (BELOW) FD FIRE DAMPER → NEEDLE VALVE → QUICK OPEN VALVE GH-C FIRE DEPARTMENT CONNECTION SPRINKLER AND FIRE PROTECTION — AW — ACID WASTE DRAINAGE PIPE FSD FIRE/SMOKE DAMPER G--- FIRE DEPARTMENT TEST CONNECTION **──** QUICK CLOSE VALVE MULTI-LINE VALVE SYMBOLS ACID VENT PIPE FIRE PROTECTION ZONE FT FLASH TANK WA WET ALARM VALVE PIPE CAP FTR FINNED TUBE RADIATOR BACK FLOW PREVENTER — GW — GREY WATER DRAIN - FIRE PROTECTION RATING REDUCER: CONCENTRIC DA DRY ALARM VALVE → SWING CHECK VALVE — WT — WEEPING TILE H HUMIDIFIER PA PRE-ACTION ALARM VALVE REDUCER: ECCENTRIC SPRING TYPE CHECK VALVE MD MOTORIZED DAMPER TEE ——∭— INLINE MULTIPURPOSE VALVE ANGLE MULTIPURPOSE VALVE S PIPE — G — NATURAL GAS - LOW PRESSURE —DSP ————XXXØ— DRY SPRINKLER PIPING PRV PRESSURE REDUCING VALVE REDUCED PRESSURE BACKFLOW PREVENTER DIPE HANGER SITE ELEMENTS: —MG———NATURAL GAS - MEDIUM PRESSURE —PA ————XXXØ— PRE-ACTION SPRINKLER PIPING SA SOUND ATTENUATOR SPLASH PAD ĎÕÕM- DOUBLE CHECK VALVE ASSEMBLY O PIPE SLEEVE — HG — NATURAL GAS - HIGH PRESSURE —IG——XXXØ— INERT GAS (CLEAN AGENT) PIPE SD SMOKE DAMPER DIFFERENTIAL PRESSURE CONTROL VALVE CATCH BASIN FLANGES: SLIP ON SRV SAFETY RELIEF VALVE CATCH BASIN (HALF) DIFFERENTIAL PRV REGULATOR FLANGES: WELD NECK FOF FUEL OIL SUPPLY ₩ MANHOLE TERMINAL BOX / WITH ATTENUATOR / AND REHEAT COIL ——

REDUCING REGULATOR FLANGES: BLIND EQUIPMENT ACRONYMS: FOS FUEL OIL SUPPLY GAS PRV Q FIRE HYDRANT (SINGLE OUTLET) ELBOW DOWN (90°) FOR FUEL OIL RETURN ACU- AIR CONDITIONING UNIT DROP RISE

[TYPE] EXISTING DUCT TO REMAIN (TYPE INDICATED) FIRE HYDRANT (DOUBLE OUTLET) ELBOW UP (90°) SAFETY OR RELIEF VALVE FUEL VENT AHU- AIR HANDLING UNIT <u>CAV-</u> CONSTANT AIR VOLUME TERMINAL UNIT EXISTING DUCT TO BE DEMOLISHED FIRE HYDRANT (TRIPLE OUTLET) 11.25° ELBOW -----|+ HOSE BIBB VALVE FIRE HYDRANT (QUAD OUTLET) 22.5° ELBOW HEATING/COOLING PIPING: S/A SUPPLY AIR DUCT CH- CHILLER 45° ELBOW R/A RETURN AIR DUCT STEAM TRAPS —HWS — HEATING WATER SUPPLY <u>CP-</u> CONDENSATE PUMP 90° ELBOW ─────── INVERTED BUCKET CONTROLS AND CONTROL POINTS T/A TRANSFER AIR DUCT CU- CONDENSING UNIT —HWR — HEATING WATER RETURN CONTROL WIRE O/A OUTDOOR AIR DUCT FLOAT AND THERMOSTATIC CSG- CLEAN STEAM GENERATOR —HGS — HEATING GLYCOL SUPPLY BUTTERFLY VALVE (WITH WELDNECK FLANGES) THERMOSTAT / SPACE TEMPERATURE SENSOR GENERAL EXHAUST DUCT CUH- CABINET UNIT HEATER ───────── THERMOSTATIC —HGR — HEATING GLYCOL RETURN Thermodynamic (disk) BUTTERFLY VALVE (WITH BLIND FLANGES) THERMOSTAT WITH GUARD WASHROOM EXHAUST DUCT EAHU- EXHAUST AIR HANDLING UNIT -DTWS ----- DUAL TEMPERATURE WATER SUPPLY K/E KITCHEN EXHAUST DUCT VARIABLE ORIFICE (PITON) EFC- EVAPORATIVE FAN COOLER H HUMIDISTAT / HUMIDITY SENSOR CO2 SENSOR F/E FUME HOOD EXHAUST DUCT ERV- ENERGY RECOVERY VENTILATOR FIXED ORIFICE —CWS — CHILLED WATER SUPPLY RECTANGULAR DUCTS UP: (SUPPLY / RETURN / EXHAUST) \$ switch ET- EXPANSION TANK — CWR — CHILLED WATER RETURN RECTANGULAR DUCTS DOWN: (SUPPLY / RETURN / EXHAUST) PIPE FITTINGS PLUMBING & DRAINAGE ₿ PUSH BUTTON EX- EXHAUST FAN — CS — CONDENSER WATER SUPPLY MOTORIZED DAMPER / BALANCING DAMPER ☐FS FLOW SWITCH FCU- FAN COIL SHOWER HEAD 90 DEGREE ELBOW — CR — CONDENSER WATER RETURN PS PRESSURE SWITCH HRC- HEAT RECOVERY COIL — GWS — GROUND WATER SUPPLY FIRE DAMPER / SMOKE DAMPER / COMBINATION FIRE-SMOKE DAMPER Y ## FUNNEL FLOOR DRAIN / SQUARE FLOOR DRAIN Al CONTROL POINT - ANALOG INPUT HVU- HEATING/VENTILATING UNIT 45 DEGREE ELBOW — GWR — GROUND WATER RETURN # FLOOR DRAIN / FLOOR DRAIN WITH AO CONTROL POINT - ANALOG OUTPUT O+── ELBOW UP CHILLED GLYCOL SUPPLY HX- HEAT EXCHANGER ROUND ELBOWS - 45°: R1.0 / R1.5 / R2.0 DI CONTROL POINT - DIGITAL INPUT O O— HUB DRAIN / WITH TRAP <u>UH-</u> UNIT HEATER C→ ELBOW DOWN — CGR — CHILLED GLYCOL RETURN VAV- VARIABLE AIR VOLUME TERMINAL BOX DO CONTROL POINT - DIGITAL OUTPUT ROOF DRAIN PIPE CAP BRINE SUPPLY ROUND ELBOWS - 90°: R1.0 / R1.5 / R2.0 CONTROL POINT - BACNET COMMUNICATIONS I CLEAN OUT PLUG / FLOOR VFD- VARIABLE FREQUENCY DRIVE BRINE RETURN \triangle RECTANGULAR ELBOWS - 45°: R1.0 / VFD VARIABLE FREQUENCY DRIVE P- PUMP Q ✓ Q ✓ P-TRAP / P-TRAP BELOW GRADE WYE WYE ES END SWITCH ──• TEE UP SINK TRAP HC- HEATING COIL RECTANGULAR ELBOWS - 90°: R1.0 / HOT / DRAIN / COLD CONNECTIONS DM DAMPER MOTOR ─+2+ TEE DOWN —RV — REFRIGERANT VAPOUR RETURN CC- COOLING COIL RECTANGULAR ELBOWS WITH TURNING VANES: (90° R1.0 / 45° R1.0 / 90° SQUARE) WATER HAMMER ARRESTOR TP TEMPERATURE PROBE BOTTOM BRANCH —LPS — LOW PRESSURE STEAM RHC- REHEAT COIL TOP BRANCH PLUMBING EQUIPMENT - INTERCEPTOR FT FLOW TRANSMITTER — LPC — LOW PRESSURE CONDENSATE ACOUSTICALLY LINED DUCT SC- STEAM COIL PLUMBING EQUIPMENT - WATER HEATER HP HUMIDITY PROBE **──I** FLANGE PF- PRE-FILTER GRILLES AND DIFFUSERS: SUPPLY / RETURN / EXHAUST DP DIFFERENTIAL PRESSURE FF- FINAL FILTER —-III— SCREWED UNION SUPPLY DIFFUSERS: SQUARE / ROUND
PLAQUE OR CONE
HORIZONTAL OR WALL GRILLES /
DIFFUSER: SUPPLY / RETURN OR
EXHAUST. FZ FREEZE STAT CONCENTRIC REDUCER PIPE INSTRUMENTS EF- EXHAUST FAN —HPS — HIGH PRESSURE STEAM FOB ECCENTRIC REDUCER (FLAT ON BOTTOM) SF- SUPPLY FAN T FLOW MEASUREMENT PORT OAT OUTSIDE AIR TEMPERATURE SENSOR FOT ECCENTRIC REDUCER (FLAT ON TOP) INSTRUMENT WELL RF- RETURN FAN VFD VARIABLE FREQUENCY DRIVE SAV- SUPPLY AIR VALVE PS PRESSURE SENSOR PRESSURE GAUGE SIGHT GLASS TEMPERATURE OR PRESSURE TAP BTU BTU METER EAV- RETURN AIR VALVE

TEMPERATURE GAUGE



DRAWING:	DESCRIPTION:	SCALE:
M-00	MECHANICAL DRAWING LIST, LEGEND, & GENERAL NOTES	N.T.S.
M-01	MECHANICAL KEY PLAN AND PHASING PLAN	1:100
M-02	GROUND FLOOR HVAC PLAN	1 : 100
M-03	GROUND FLOOR PLUMBING AND FIRE PROTECTION PLAN	1 : 100
M-04	GROUND FLOOR HVAC DEMOLITION PLAN	1 : 100
M-05	GROUND FLOOR PLUMBING AND FIRE PROTECTION DEMOLITION PLAN	1 : 100
M-06	EQUIPMENT SCHEDULE	N.T.S.
M-07	MECHANICAL DETAILS	N.T.S.

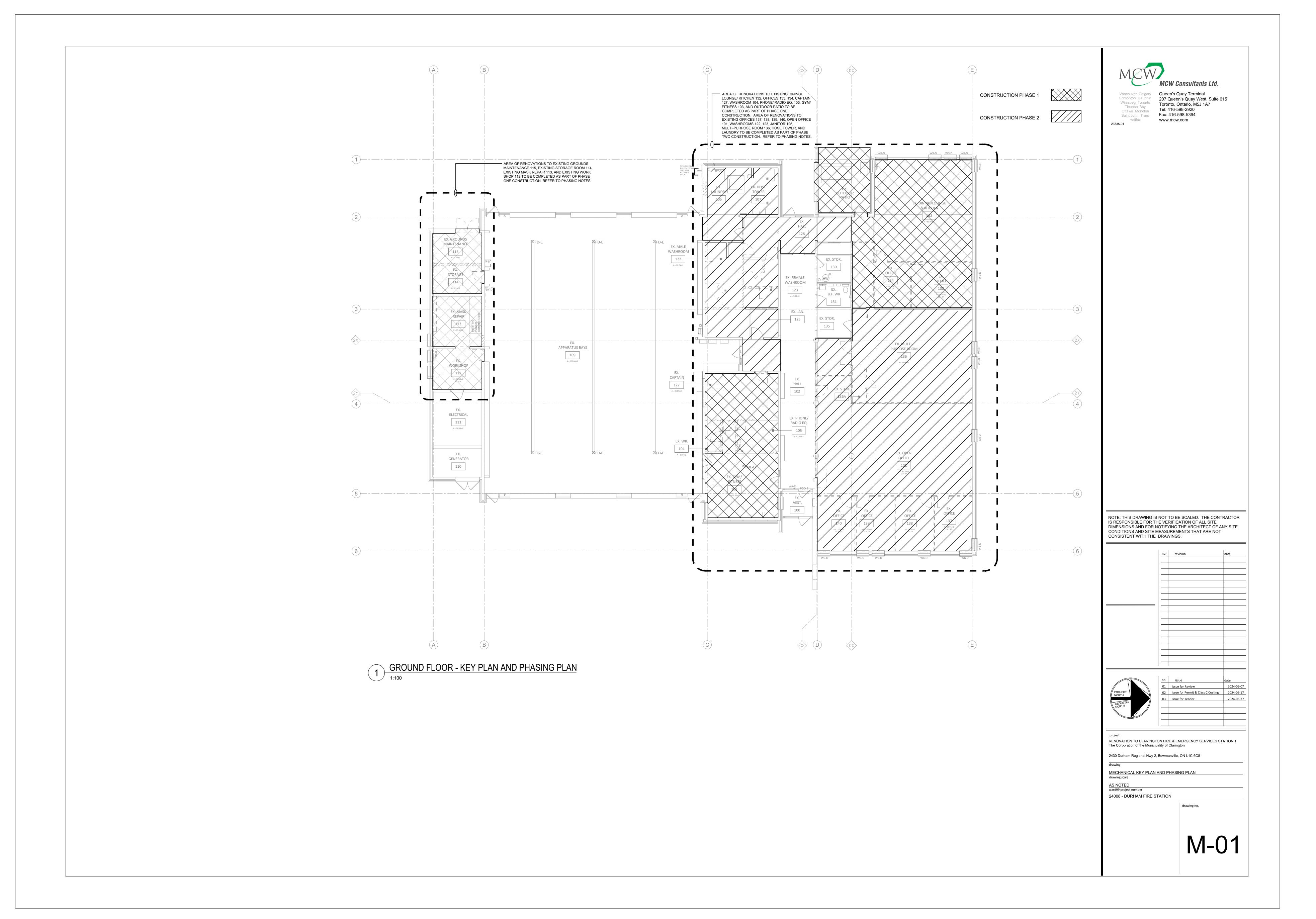
NOTE:	DESCRIPTION:							
1.	THIS DRAWING SET SHALL BE READ IN CONJUNCTURE WITH ARCHITECTURAL DRAWINGS.							
2.	THIS DRAWING SET SHALL BE READ IN CONJUNCTURE WITH THE MECHANICAL SPECIFICATIONS PROVIDED.							
3.	DO NOT SCALE DRAWINGS. LOCATIONS OF ITEMS ARE APPROXIMATE AND ARE INTENDED TO BE USED FOR COORDINATION. EXACT LOCATIONS ARE DEPENDANT UPON SITE CONDITIONS. REVIEW ANY REVISIONS WITH CONSULTANT.							
4.	ALL EXISTING EQUIPMENT TO REMAIN SHALL BE INSPECTED AND TESTED FOR PROPER OPERATIONS. REPORT RESULTS ON INSPECTION AND TESTING TO CONSULTANT.							
5.	RESERVED							
6.	RESERVED							

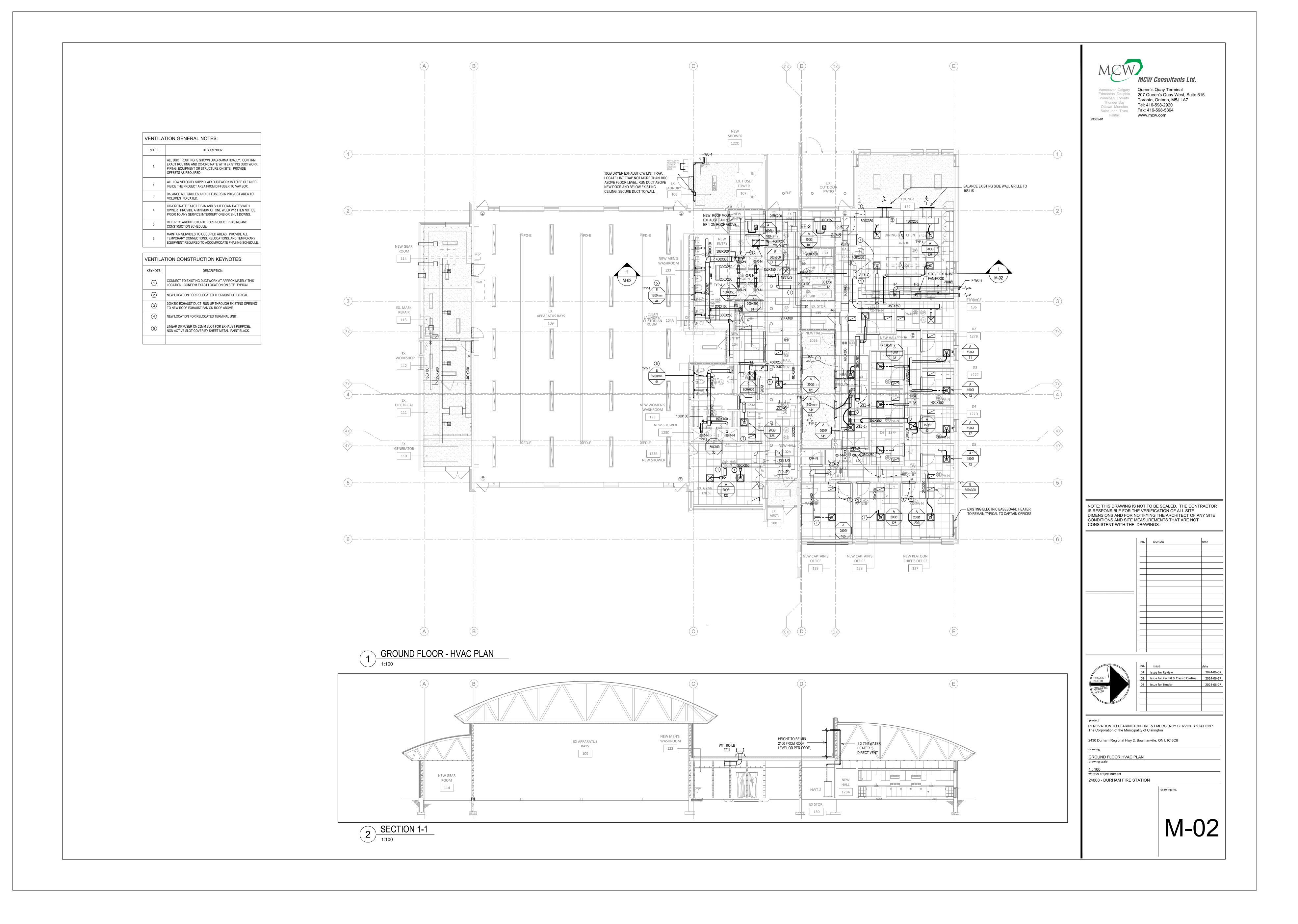
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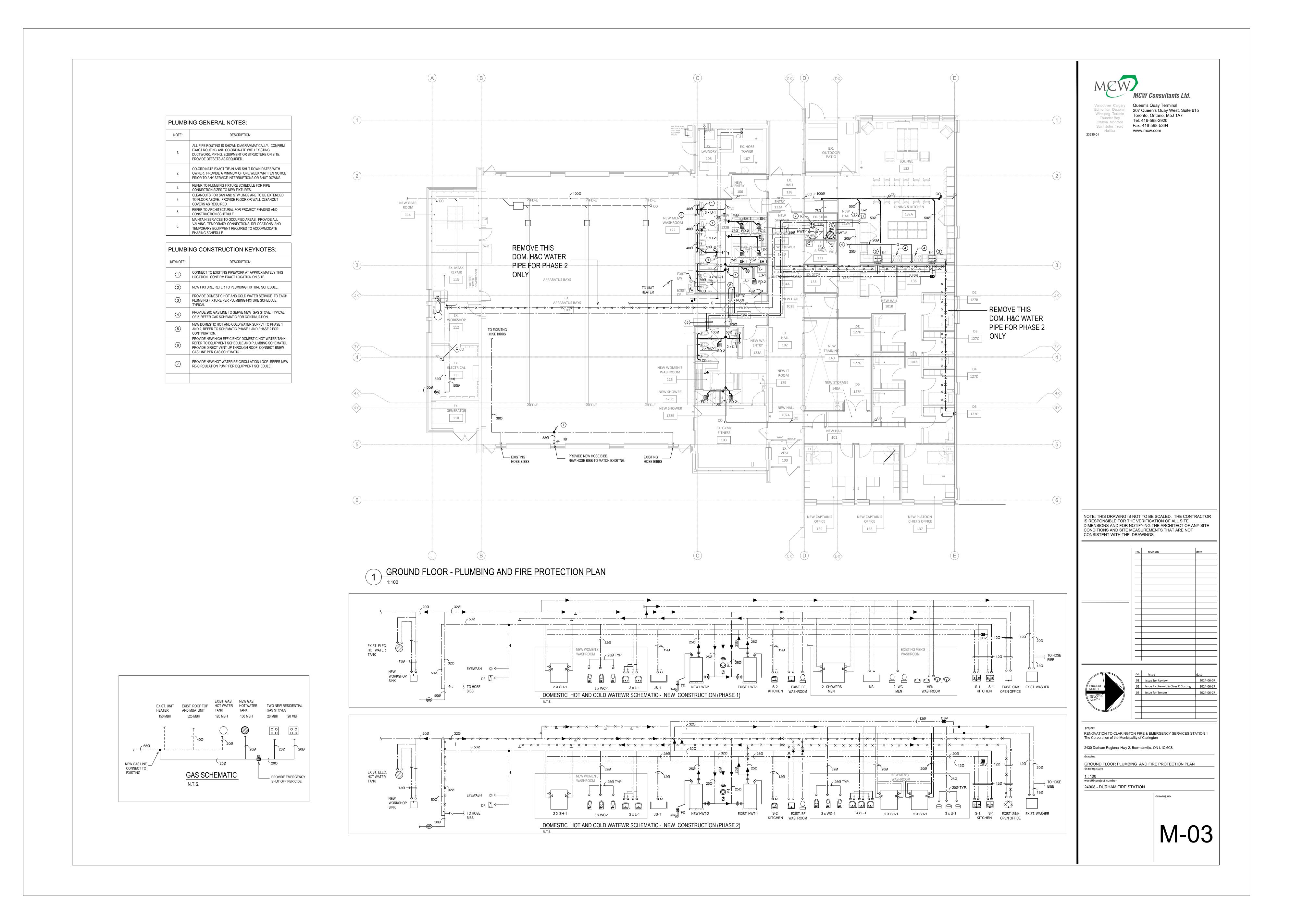
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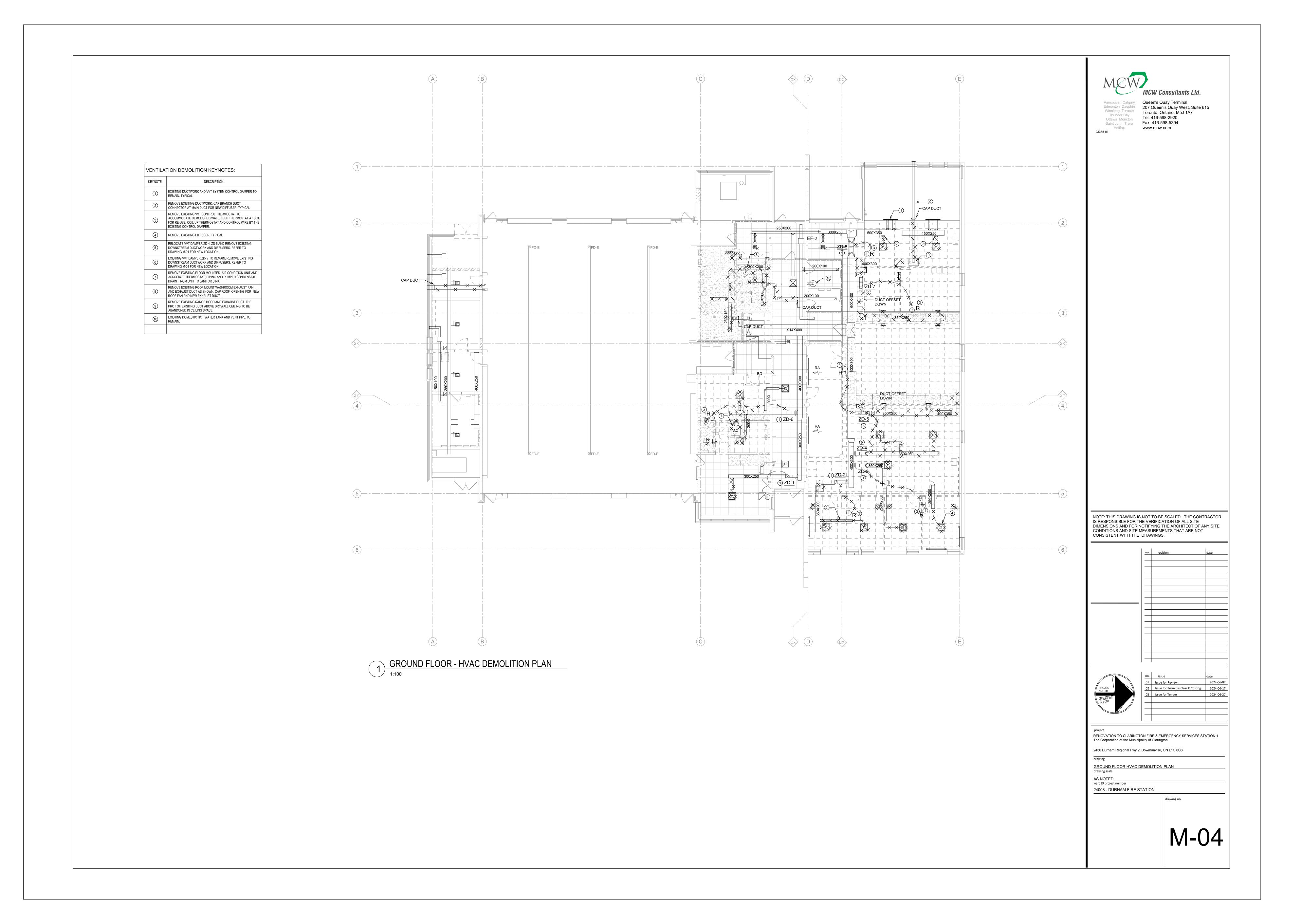
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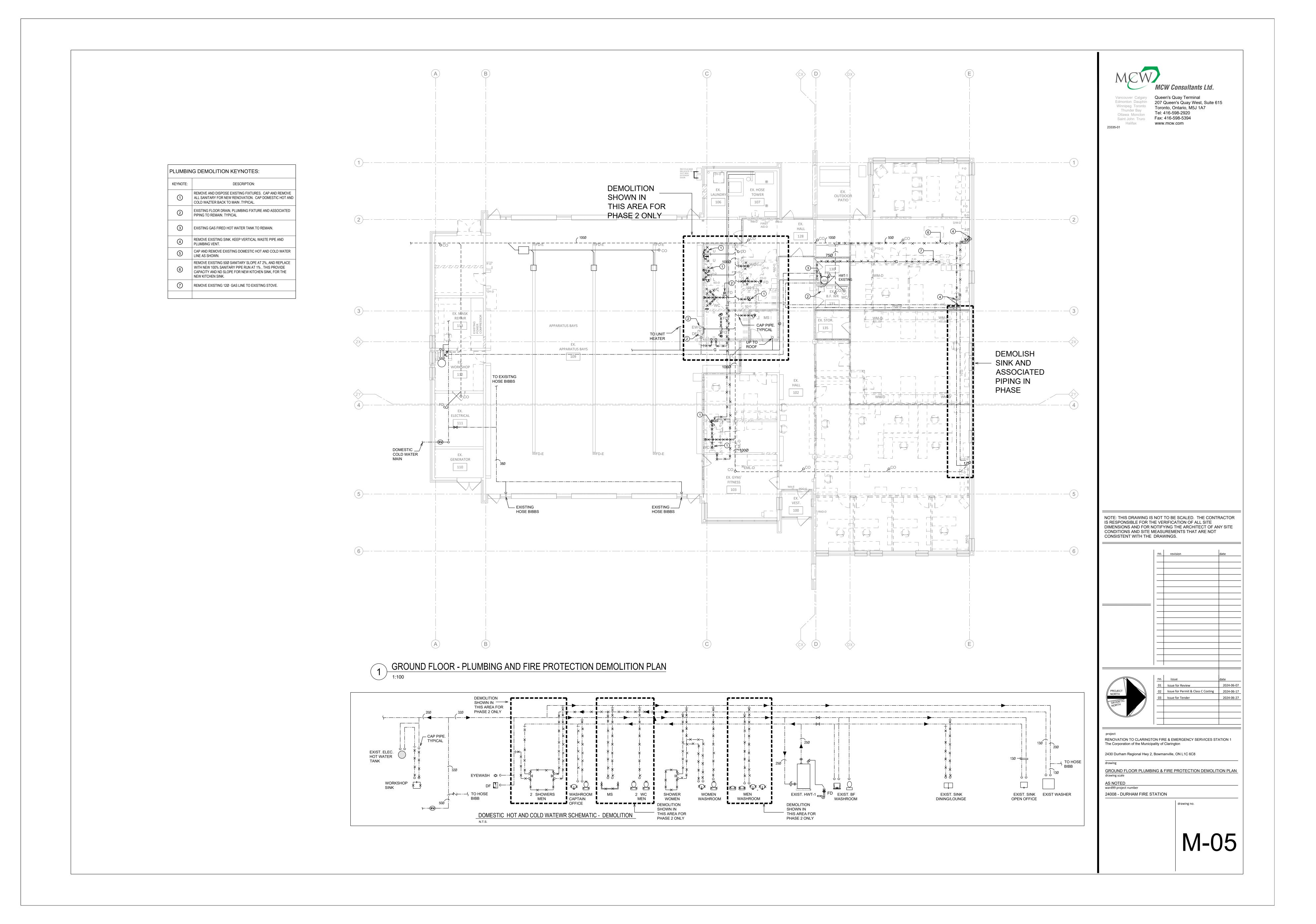
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or Tender 2024-06-











EXIS	EXISTING ROOF-TOP UNIT SCHEDULE (FOR REFERENCE)											
REF	MAKE	MODEL NUMBER	COOLING	HEATING (MBH)	CFM	E.S.P. IN (KPA)	IN TP	ELECTRICAL				NOTES
INLI	WAKE		(MBH)	INPUT/OUTPUT				MCA	VOLT	Ø	Hz	NOTES
EX. RTU	CARRIER	48TCFD14A3A3A1A2B0G0	140	250 / 205	5144 6000 MAX.	(0.2)	4	-	575	3	60	EXISTING ROOF TOP UNIT

REC	REGISTERS, GRILLES & DIFFUSERS SCHEDULE												
	SYMBOL CLARIFICATION	2-A-200Ø	2-QUANTITY A-UNIT REFERENCE 200Ø-UNIT SIZE 94-AIR QUANTITY L/S										
REF.	STYLE	MODEL NO.	MAKE	CLG. TYPE	REMARKS								
Α	SQUARE DIFFUSER	600X600-SCD-3C-B12	EH. PRICE	T-BAR	NECK SIZE REFER TO PLAN. C/W VOLUME CONTROL DAMPER								
В	EGG CRATE RETURN GRILLE	600X300-80-B12	EH. PRICE	T-BAR									
С	EGG CRATE EXHAUST GRILLE	TB-80-B12	EH. PRICE	T-BAR	ALUMINUM GRILLE WHEN USE IN SHOWER. C/W EXHAUST PLENUM								
D	SUPPLY BAR GRILLE	LBP-65mm SIZE- 1500 LENGTH	EH. PRICE	SIDE WALL	C/W SUPPLY AIR PLENUM								
Е	LINEAR DIFFUSER	TBD3100-1 SLOT-1200MM	EH. PRICE	T-BAR	150Ø INLET, 1200 MM LENGTH,C/W YOUNG REGULATOR								
F	WALL BOX	GREENHECK	SIDE WALL	FOR EXTERIOR USE									

REF.	L/S (C.F.M.)	E.S.P. (in.)	SERVING	AMPS	POWER (HP)	MANUF. MODEL	NOTES
H-1	94 (220)	-	KITCHEN	2.5	120/1/60	BROAN 4600	STYLING / COLOR: STAINLESS STEELE
H-2	94 (220)	-	KITCHEN	2.5	120/1/60	BROAN 4600	STYLING / COLOR: STAINLESS STEELE

FA	FAN SCHEDULE * ALTERNATIVE MANUFACTURER: JENCO, COO												
REF.	LOCATION / SERVING	AIR FLOW	E.S.P.	MOTOR HP	RPM	MANUF.	MODEL	ELECTRICAL		AL	REMARK		
		L/S (C.F.M.)	in. WC.	(WATT)				VOLT	PHASE	HZ			
NEW EF-1	WASHROOMS	536 (1140)	0.375	1/4	1450	GREENHECK	GB-101	115	1	60	BELT DRIVE. CONTROL : INTERLOCK WITH LIGHT.		
EF-1	GENERAL EXHAUST	-	-	-	-	-	-	-	-	-	EXISTING EXHAUST FAN, FOR REFERENCE ONLY		

FIXTURE				CONNECT	TON SIZES (MM)		
SYMBOL	DESCRIPTION	MANUFACTURER / MODEL NO.	C.W.	H.W.	DRAIN	VENT	TRIM No.	REMARKS
WC-1	WATER CLOSET WALL HUNG FLUSH VALVE	AMERICAN STANDARD AFWALL MILLENNIUM FLOWISE, MODEL: 3351101.020, WALL HUNG, 1.6 GPF, ELONGATED BOWL. SLOAN G2 OPTIMA PLUS 8116-1 EXPOSED FLUSH VALVE, 1.28 GPH. FLUSH ELECTRONIC OVER-RIDE BUTTON, BATTERY OPERATED.	25	-	75	32	CENTOCO #820STSSFE. 001 HEAVY DUTY SEAT C/W COVER FOR ELONGATED BOWL. C/W WATTS ISCA-101-L/R CARRIER SS SWELF -SUSTAINING CHECK HINGS, METAL FLAT WASHERS, SS POSTS AND NUTS. FLOOR FLANGE	FLUSH VALVE CONTROL TO BE ON THE NON-GRAB BAR SIDE. INSTALL AND TRIM VACUUM BREAKER SO SENSOR IS 3-1/2" (90 mm)ABOVE TOILET SEAT. SEAT COVER TO BE INSTALLED AS PER REGIONAL REQUIREMENT AND SENSOR TO BE INSTALLED A HEIGHT ABOVE COVER OP[EN POSITION.
U-1	WALL HUNG URINAL VITREOUS CHINA	AMERICAN STANDARD WASHBROOK FLOWISE, MODEL: 6590001.020 7381755-200.0020A, 1 GPF, TOP SPUD. SLOAN SL-ECOS-8186-0.13 AUTO MATIC NO-TOUCH EXPOSED URINAL FLUSHOMETER, 0.125 GPF. BATTERY POWERED.	20	-	50	32	C/W WATTS CA-321 CARRIER.	
SH-1	SHOWER	CHACAGO FAUCET, MODEL SH-PBI-00-04. PRESSURE BALANCING TUB AND SHOWER SYSTEM WITH SHOWER HEAD, HAND SPRAY AND DIVERTER TUB SPOUT OPTION. ADA, ASME, CSA APPROVED	12	12	50	32	C/W WATTS CA-321 CARRIER.	SUPPLIES: LAWLER 570-86820 BELOW DECK MECHAMICAL WATER MIXING VALVE.
L-1	WALL HUNG BASIN VITREOUS CHINA CSA APPROVED WHITE FINISH	AMERICAN STANDARD MODEL: LUCERNE 0356.421.020, CENTER HOLES ONLY. SLOAN SF-2450 -BAT-CP-0.5GPM-MLM-IR-FCTSF. ELECTRONIC FAUCET, BATTERY OPERATED. CHROME PLATED FINISH, BRASS CENTER HOLES ONLY C/W SFP-46 (0.5 GPM) VANDAL RESISTANT, NON-AERATING MULTI-LAMINAR FLOW SPRAY OUTLET.	12	12	32	32	MCGUIRE #155WC, OPEN GRID DRAIN. MCGUIRE #LFH170BVRB, POLISHED BRASS FAUCET SUPPLIES. WATTS #CA-411 BASIN CARRIER. MCGUIRE #8872C, P-TRAP.	SUPPLIES: LAWLER 570-86820 BELOW DECK MECHAMICAL WATER MIXING VALVE.
LS-1	LAUNDRY SINK COUNTER MOUNT DROP IN	FRANKE COMMERCIAL LBS7310P-1-3 S.S SINK, DEEP.COUNTER MOUNTED, 203MM (8") CENTERSET.	12	12	40	32	CHICAGO FAUCET #897-RCF. TWO HANDLE MOP SINK FAUCET.	SUPPLIES: MCGUIRE LFCK165LK LEAD FREE, WITH CHROME PLATED FINISH.
JS-1	FLOOR MOUNTED SINGLE COMPARTMENT JANITOR SINK	STERN WILLIAM JANITOR SINK WITHOUT FAUCET LEDGE, MODEL SB-902-T-35-T40BP	12	12	75	32	CHICAGO WALL HUNG MANUAL MOP SINK FAUCET. MODEL 897-RCF. ADJUSTABLE SUPPLY ARMS,1/4 TURN CERAMIC CARTRIDGE . NO FLOW RESTRICTOR, THREADED HOSE END.	SUPPLIES: LAWLER 570-86820 THERMOSTATIC MASTER WATER MIXING CONTROL VALVE. 1.9-30 LPM (0,5-8 GPM) RANGE FOR FLOWRATE.
FD-2	FLOOR DRAIN	WATTS - 200-L REFER TO SPECIFICATIONS - PLUMBING SECTION	-	-	75	32	EPOXY COATED, CAST IRON BODY, VANDAL PROOF WITH PRIMER CONNECTION WITH PLUG	FINISHED FLOOR, SQUARE FLOOR DRAIN.

PUMF	PUMP SCHEDULE												
REF.	SERVICE	LOCATION	FLOW (GPM)	HEAD (FT)	RPM	MANUFACTURER	TYPE/SIZE	ENERGY REQUIRED (KW)	MOTOR SIZE (HP)	POWER ST10V	SUPPLY BS BH BH BH BH BH BH BH BH BH BH BH BH BH		
P-1	DOM. HOT WATER RECIRCULATION	STORAGE ROOM	1	30	2940	BELL & GOSSETT	NBF-22U	-	1/25	120	1		

		CAC INDUT	GAS TRAIN	AT 100°F (55.5°C)TEMP	TANK			Р	OWER S	JPPLY
REF.	DESCRIPTION	GAS INPUT MBH (KW)	INLET PRESS. (kPa)	RISE (G/H)	CAPACITY (US GAL)	MANUFACTURER	MODEL	AMPS	VOLTS	PHASE
HW-1	EXISTING GAS HOT WATER HEATER	120	-	116	71	AO SMITH	BTRC120-118	5	120	1
DHW-2	NEW GAS HOT WATER HEATER	100	-	128	75	AO SMITH	6G75100NPDVH02 (96% HIGH EFFICIENCY)	5	120	1

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		01	Issue for Review	2024-06-07
		02	Issue for Permit & Class C Costing	2024-06-17
		03	Issue for Tender	2024-06-27
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project
RENOVATION TO CLARINGTON FIRE & EMERGENCY SERVICES STATION 1
The Corporation of the Municipality of Clarington

2430 Durham Regional Hwy 2, Bowmanville, ON L1C 6C8

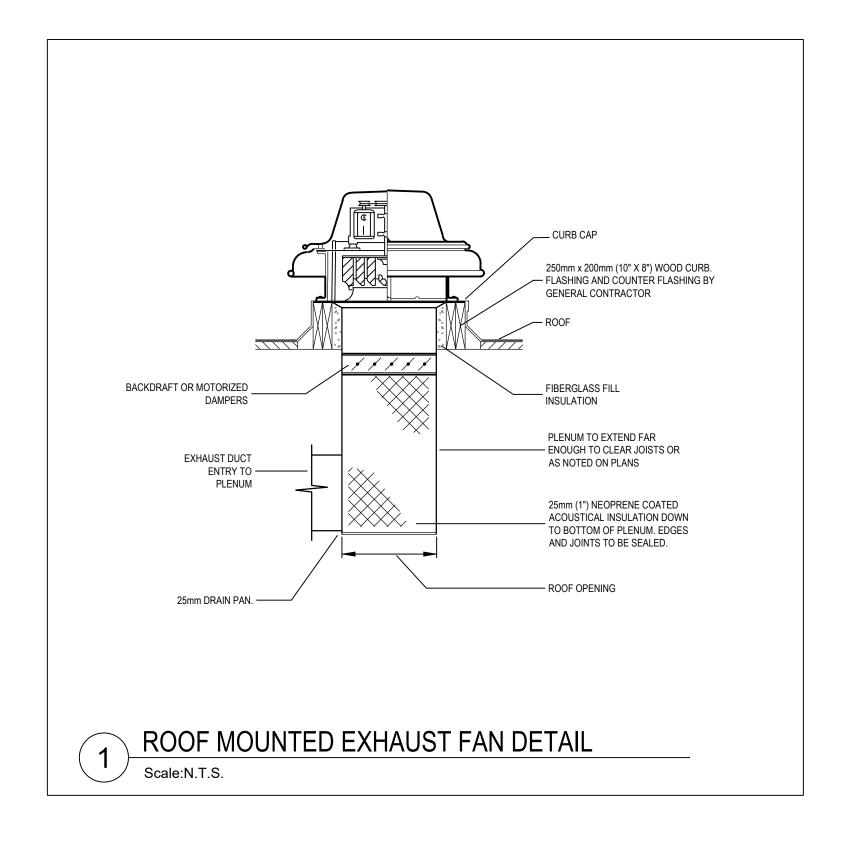
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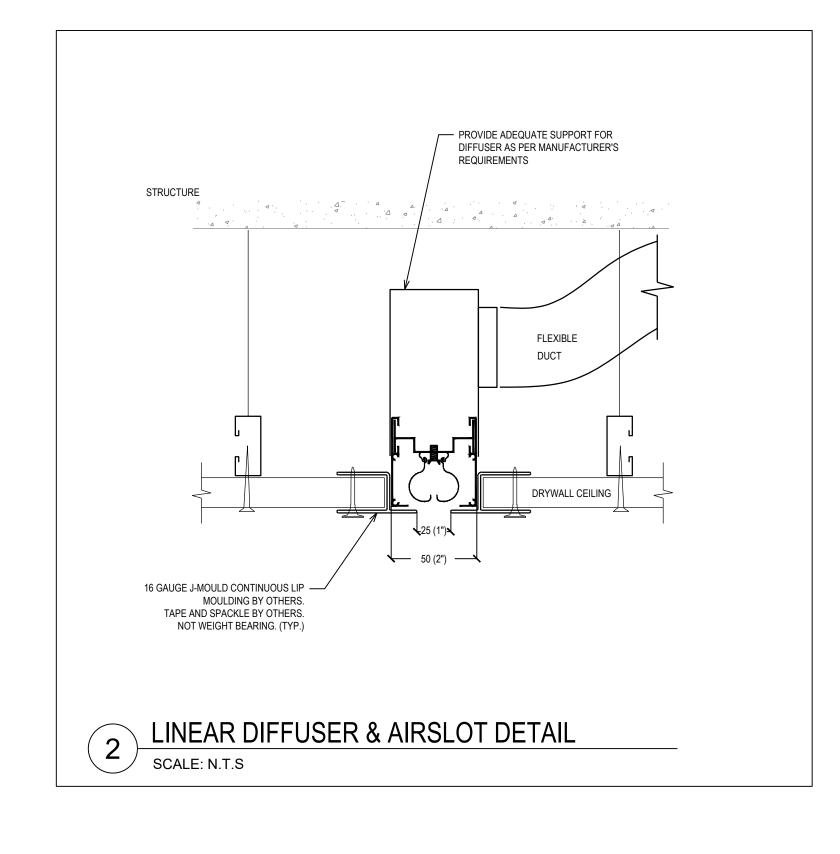
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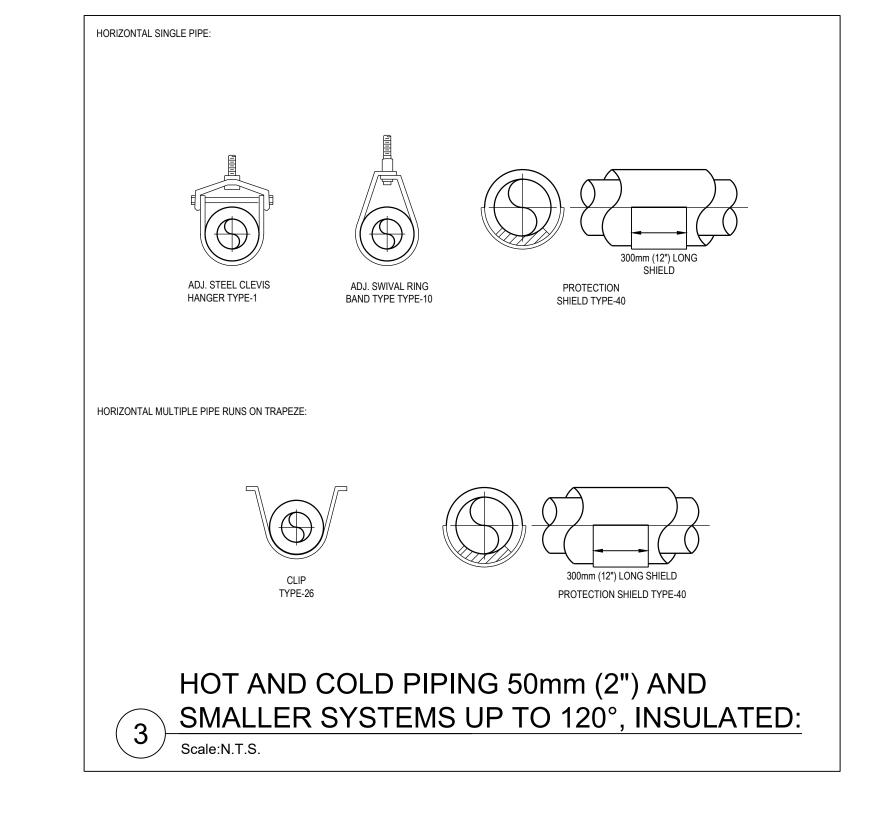
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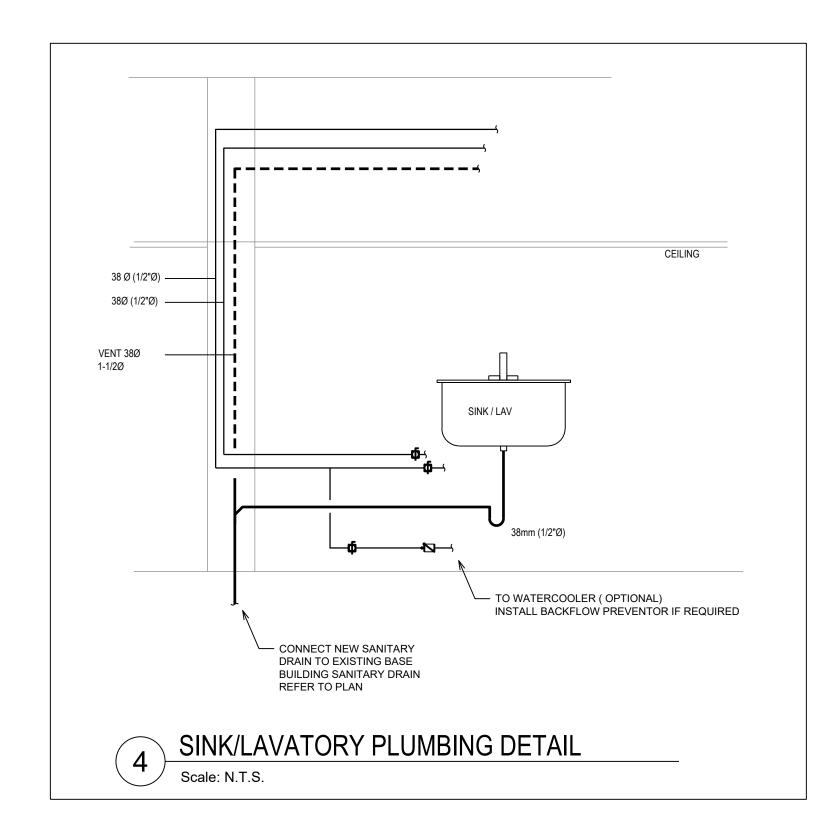
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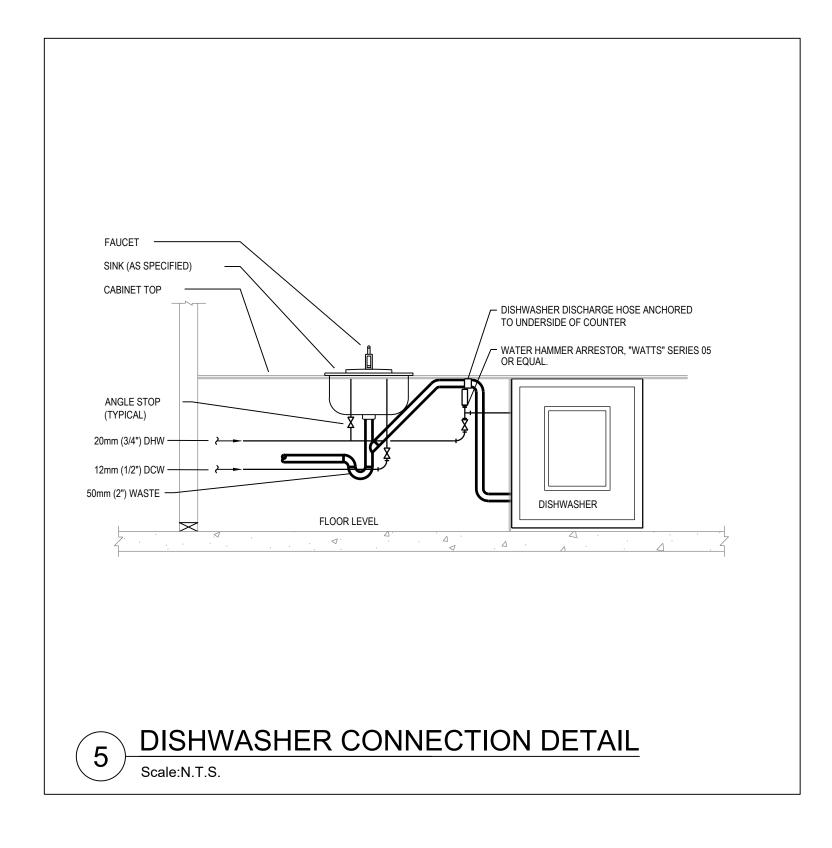
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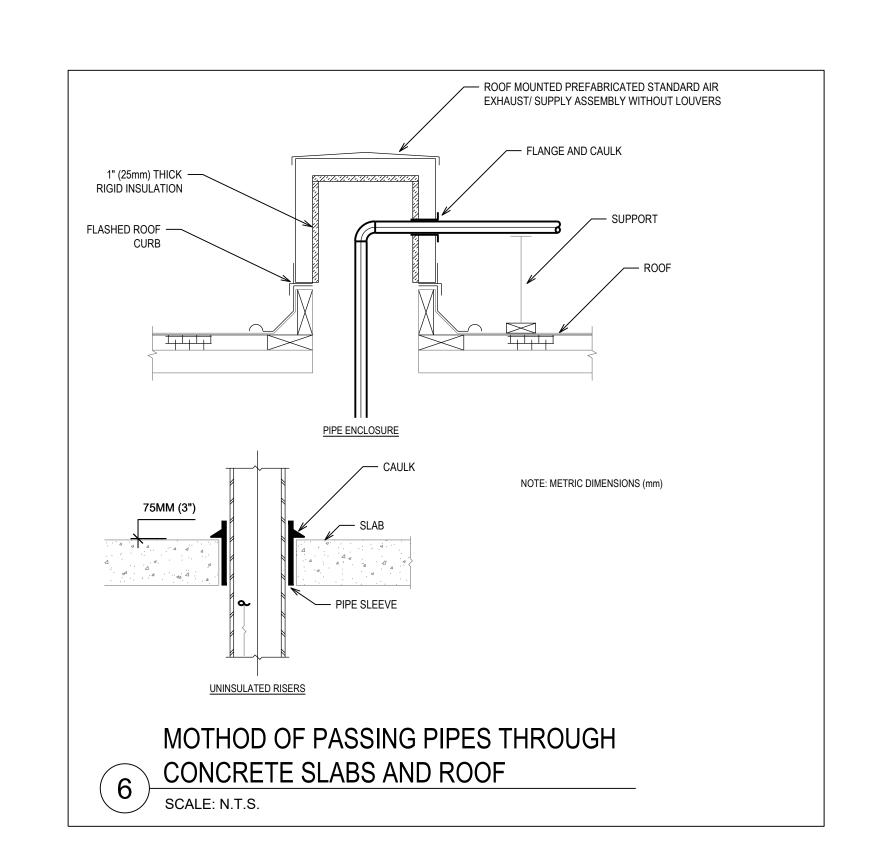












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