

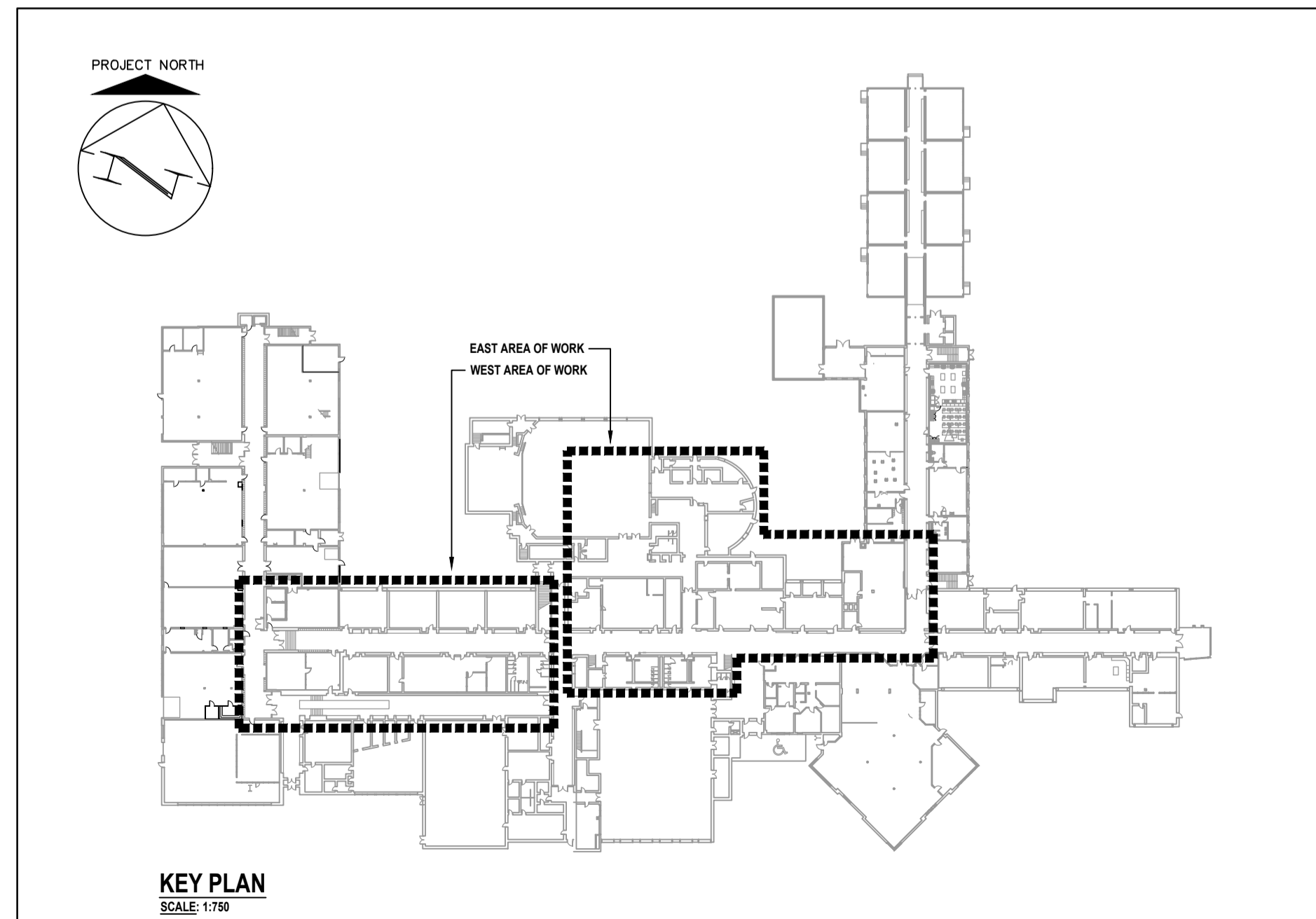
PLUMBING FIXTURE SCHEDULE				
SYMBOL	DESCRIPTION	FIXTURE MANUFACTURER & MODEL	TRIM MANUFACTURER & MODEL	REMARKS
EEW-1	WALL-MOUNT EMERGENCY EYE / FACE WASH	HANS 7208T-1270BT	N/A	EYE / FACE WASH C/W WALL BRACKET, PLASTIC BOWL, POP-OFF DUST COVER, PUSH FLAG ACTIVATION, STAINLESS STEEL BALL & STEM VALVE, STRAINER, 3.7 GPM (14.0 LPM) FLOW CONTROL, THERMOSTATIC MIXING VALVE (HANS 9201EW) C/W ISOLATION CHECK VALVES FOR EACH INLET / OULET, 10 GPM (38.0 LPM), UNIVERSAL SIGN, CHROME WASTE KIT C/W TAILPIECE, TRAP.
KS-1	COUNTER-MOUNT SINK ONE COMPARTMENT ONE LEVER	FRANKE LBS4807-1	MOEN MOURA 8701	STAINLESS STEEL, TOP-MOUNT FIXTURE C/W 16"X14"X7" DEEP (400MMX300MMX150MM) COMPARTMENT, UNDERCOAT, NO OVERFLOW, THREE TRIM HOLES ON 4" (100MM) CENTRES, CHROME TRIM C/W 9" (229MM) SPOUT, 1.5 GPM (5.7 LPM) AERATOR, LIMIT STOP SET FOR MAX DELIVERY OF 109F (40C), SUPPLY KIT (DAHL E13-2277) C/W ESCUTCHEONS, ANGLE STOPS, STAINLESS STEEL BRAIDED HOSES, WASTE KIT C/W CRUMB CUP STRAINER, TAILPIECE, TRAP.
L-1	WALL-MOUNT LAVATORY TOUCHLESS (HARDWIRED) BARRIER FREE	AMERICAN STANDARD MURRO 0954.004EC C/W 9099.020EC	MOEN MPOWER 8551AC	VITREOUS CHINA FIXTURE C/W EVERCLEAN, REAR OVERFLOW, SHROUD/KNEE CONTACT GUARD, ONE TRIM HOLE, CONCEALED ARM SUPPORT SYSTEM (ZURN Z1231 FOR STUD WALL, ZURN Z1251 FOR BLOCK WALL), CHROME TRIM C/W 6.5 GPM (1.9 LPM) VANDAL-RESISTANT AERATOR, TRANSFORMER (MOEN 104630), WIRING, SUPPLY KIT (DAHL E13-2277) C/W ESCUTCHEONS, ANGLE STOPS, STAINLESS STEEL BRAIDED HOSES, WASTE KIT C/W OPEN-GRID STRAINER, OFFSET TAILPIECE, TRAP.
L-2	WALL-MOUNT LAVATORY TOUCHLESS (HARDWIRED)	AMERICAN STANDARD LUCERNE 6355.012	MOEN MPOWER 8551AC	VITREOUS CHINA FIXTURE C/W EVERCLEAN, FRONT OVERFLOW, ONE TRIM HOLE, CONCEALED ARM SUPPORT SYSTEM (ZURN Z1231 FOR STUD WALL, ZURN Z1251 FOR BLOCK WALL), CHROME TRIM C/W 6.5 GPM (1.9 LPM) VANDAL-RESISTANT AERATOR, TRANSFORMER (MOEN 104630), WIRING, SUPPLY KIT (DAHL E13-2277) C/W ESCUTCHEONS, ANGLE STOPS, STAINLESS STEEL BRAIDED HOSES, WASTE KIT C/W OPEN-GRID STRAINER, OFFSET TAILPIECE, TRAP.
MS-1	MOP SINK	FIAT MSB-2424	MOEN MOURA 8124	24"X24"X10" DEEP (600MMX600MMX250MM) MOLDED STONE FIXTURE C/W FIBREGLASS REINFORCED PANEL (FRP) WALL GUARD (ON ALL SIDES ADJACENT TO A WALL), 4" (100MM) REINFORCED HOSE HOSE BRACKET, MOP HANGER, STAINLESS STEEL DRAIN BODY / DOOME / LINT BASKET, CHROME TRIM C/W TWO LEVER HANDLES, WALL-MOUNTING BRACKET, PAIL HOOK, 10.25" (259MM) SPOUT REACH, HOSE END OUTLET, VACUUM BREAKER, SERVICE STOPS, CHECK STOPS.
WC-1	FLOOR-MOUNT WATER CLOSET TOUCHLESS FLUSH VALVE (HARDWIRED) BARRIER FREE	AMERICAN STANDARD MADERA 3451.001	DELTA 817201-6-WM5HA	VITREOUS CHINA, ELONGATED, 16.5" (419MM) HIGH FIXTURE C/W TOP SPOUD, SEAT (CENTOCO 8205TS-001, ELONGATED, OPEN FRONT, COVER, STAINLESS STEEL HARDWARE), CHROME, EXPOSED, FLUSH VALVE C/W ANGLE STOP VALVE, TOP SPOUD, VACUUM BREAKER, MANUAL OVERRIDE, 1.6 GPF (6.0 LPF), RECESSED WALL-MOUNT SENSOR (MOUNT WITH CENTRELINE OF SENSOR MAX 24" (600MM) ABOVE TOP OF FIXTURE ENSURING SENSOR IS ABOVE OPEN SEAT & DOES NOT INTERFERE WITH GRAB BARS), TRANSFORMER, WIRING.
WC-2	FLOOR-MOUNT WATER CLOSET TOUCHLESS FLUSH VALVE (HARDWIRED)	AMERICAN STANDARD MADERA 3451.001	MOEN MPOWER 8310AC16	VITREOUS CHINA, ELONGATED, 15" (379MM) HIGH FIXTURE C/W TOP SPOUD, SEAT (CENTOCO 5005SCC-001, ELONGATED, OPEN FRONT, NO COVER, STAINLESS STEEL HARDWARE), CHROME, EXPOSED, FLUSH VALVE C/W ANGLE STOP VALVE, TOP SPOUD, VACUUM BREAKER, MANUAL OVERRIDE, 1.6 GPF (6.0 LPF), TRANSFORMER (MOEN 104630), WIRING.

NOTES:

- COLOUR OF ALL VITREOUS CHINA FIXTURES SHALL BE WHITE.
- ALL WATER CLOSET SEATS SHALL BE BLACK.
- QUANTITY OF FIXTURES & EQUIPMENT ARE AS INDICATED ON DRAWINGS.
- REFER TO MECH SPEC FOR RECO MOUNTING HEIGHT OF ALL FIXTURES & EQUIPMENT, VERIFY ON SITE & ADJUST TO SUIT ARCH.
- PROVIDE HOLES IN STAINLESS STEEL FIXTURES TO SUIT TRIM.
- REFER TO MANUFACTURER'S DATA TO DETERMINE QUANTITY OF TRANSFORMERS REQUIRED TO SUIT QUANTITY OF TOUCHLESS FIXTURES & MAX ALLOWABLE WIRE LENGTH BETWEEN EACH DEVICE & TRANSFORMER. PROVIDE LOW VOLTAGE WIRING TO SUIT. COORDINATE LINE VOLTAGE REQUIREMENTS WITH ELEC TRADE.
- LAVATORY / SINK DOMESTIC WATER & SANITARY PIPING ROUGHINS MUST BE FULLY COORDINATED TO ENSURE SUPPLY & WASTE KITS ARE COMPLETELY CONCEALED BY PROPERLY INSTALLED SHROUDS.

MIXING VALVE SCHEDULE			
SYMBOL	DESCRIPTION	MANUFACTURER & MODEL	REMARKS
MV-1	THERMOSTATIC MIXING VALVE FLOW: 8.87 GPM (33.6 L/S) AT 8.2 PSIG (56.5 KPA) MAX PRESSURE DROP 0.5 GPM MIN (0.03 L/S)	BRADLEY NAVIGATOR 559-2025/BT	PROVIDE: - INTEGRAL CHECK VALVES & STRAINERS. - WALL-MOUNT BRACKET. - BRASS FINISH. - STANDARD THERMOSTAT. - DIAL THERMOMETER. - SET TO 109F (42.7C).

PLUMBING BRANCH PIPING SCHEDULE						
FIXTURE	SYMBOL	SANITARY	VENT	COLD WATER	HOT WATER	
EMERGENCY EYE / FACE WASH	EEW	32	32	13	13	
FLOOR DRAIN	FD	75 OR AS SHOWN	38	C/W PRIME LINE		
KITCHEN SINK	KS	38	32	13	13	
LAVATORY	L	32	32	13	13	
MOP SINK	MS	75	38	13	13	
WATER CLOSET (FV)	WC	75	38	25	-	



LEGEND	
SYMBOL	DESCRIPTION
AAV	AUTOMATIC AIR VENT
HVAC	ROOFTOP UNIT
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
BAS	BUILDING AUTOMATION SYSTEM
BFF	BELOW FINISHED FLOOR
BFP	BACKFLOW PREVENTER
BFS	BOTTLE FILLING STATION
C	CONVECTOR HEATER
CBV	CIRCUIT BALANCING VALVE
CH	CONDENSATE HOOD
CO	CLEANOUT
CTE	CONNECT TO EXISTING
CV	CONTROL VALVE
CW	COLD WATER
DF	DRINKING FOUNTAIN
DG	DOOR GRILLE
DV	DRAIN VALVE C/W HOSE END
EAT	ENTERING AIR TEMPERATURE
EBB	ELECTRIC BASEBOARD HEATER
ECM	ELECTRONICALLY COMMUTATED MOTOR
EEW	EMERGENCY EYEWASH
EF	EXHAUST FAN
ERV	ENERGY RECOVERY VENTILATOR
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
EX	EXISTING
EIA	EXHAUST AIR
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FFD	FUNNEL FLOOR DRAIN
FHC	FIRE HOSE CABINET
FRDG	FIRE RATED DOOR GRILLE
GI	GREASE INTERCEPTOR
HB	HOSE BIBB
HPG	HIGH PRESSURE GAS
HW	HOT WATER
HWH	HEATING WATER
HWR	HEATING WATER RETURN
HWS	HEATING WATER SUPPLY
HL	HIGH LEVEL
KH	KITCHEN HOOD
KS	KITCHEN SINK
L	LAVATORY
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
L/L	LOW LEVEL
MD	MOTORIZED DAMPER
MS	MOP SINK
MV	MIXING VALVE
MZ	MULTIZONE
NTS	NOT TO SCALE
O/A	OUTDOOR AIR
PN	PNEUMATIC
PRV	PRESSURE REDUCING VALVE
PV	PLUMBING VENT ROOF TERMINATION
RCW	RESIDENTIAL CLOTH WASHER
RD	ROOF DRAIN
RDW	RESIDENTIAL DISHWASHER
REL	RELOCATE FROM THIS LOCATION
REL'D	RELOCATE TO THIS LOCATION
RP	RADIANT PANEL HEATER
RIA	RETURN AIR
S/A	SUPPLY AIR
SW	STANDING WASTE
TD	TRANSFER DUCT
TO	TRANSFER OPENING
UH	UNIT HEATER
UC	0.75" (19MM) UNDERCUT DOOR (BY OTHERS)
VFD	VARIABLE FREQUENCY DRIVE
VVT	VARIABLE VOLUME & TEMPERATURE
WC	WATER CLOSET
WF	WALL/FIN HEATER

LEGEND	
SYMBOL	DESCRIPTION
----	EXISTING TO REMAIN
////	EXISTING TO BE REMOVED/RELOCATED
(N)	REFERS TO NOTE ON THE SAME DRAWING/DETAIL
(E)-1	EQUIPMENT TAG
(HVC)-1	EQUIPMENT TAG
]	DUCT / PIPE CAP
----	SANITARY DRAIN BELOW FLOOR/GRADE
----	DOMESTIC COLD WATER PIPING
----	DOMESTIC HOT WATER PIPING
----	HEATING WATER PIPING
----	HEATING WATER SUPPLY PIPING
----	HEATING WATER RETURN PIPING
----	HIGH PRESSURE NATURAL GAS PIPING (8 PSIG (34.5 KPA))
----	PIPING TURNING DOWN
----	PIPING TURNING UP
----	ISOLATION VALVE
CBV(5.0)	CIRCUIT BALANCING VALVE & FLOW RATE (L/S)
----	PRESSURE REGULATING VALVE (PRV)
----	ELECTRIC AUTOMATIC CONTROL VALVE
----	UNION
----	HOSE BIBB
----	AUTOMATIC AIR VENT
----	BACKFLOW PREVENTER
----	CONNECT TO EXISTING
----	RECTANGULAR SUPPLY DUCT UP / DN
----	RECTANGULAR RETURN OR EXHAUST DUCT UP / DN
----	FLEXIBLE DUCT
----	RIGID ROUND DUCT (SINGLE LINE DESIGNATION)
----	MANUAL BALANCING DAMPER
----	FIRE DAMPER
----	SMOKE DAMPER
250	AIRFLOW (L/S)
500x300-A	GRILLE/DIFFUSER SIZE (MM) & TYPE
A	GRILLE/DIFFUSER TYPE
500x300	GRILLE/DIFFUSER SIZE (MM)
YZZZZA	ACOUSTIC LINING
----	DUCT SIZE TRANSITION
----	PIPE SIZE TRANSITION
----	TRANSITION RECTANGULAR TO ROUND
----	SLOPE DUCT DOWN IN DIRECTION OF AIRFLOW
----	SLOPE DUCT UP IN DIRECTION OF AIRFLOW
----	ROUND BRANCHES TURNING DOWN
----	ROUND BRANCHES TURNING UP
----	FLEXIBLE CONNECTION
----	TRANSFER OPENING
----	VVT AUTOMATIC CONTROL DAMPER
----	SPACE MOUNTED VVT THERMOSTAT & ZONE CONTROLLED
----	SPACE MOUNTED THERMOSTAT & UNIT CONTROLLED
----	DOOR GRILLE
----	FIRE RATED DOOR GRILLE
----	TRANSFER DUCT
----	19MM UNDERCUT DOOR (BY OTHERS)
----	120V POWER SOURCE

DRAWING LIST	
M1.1	DRAWING LIST, KEY PLAN, LEGEND & PLUMBING SCHEDULES
M1.2	HVAC SCHEDULES
M1.3	DETAILS
M1.4	DETAILS (CONTINUED)
M2.1	GROUND FLOOR EAST PIPING DEMOLITION PLAN
M2.2	GROUND FLOOR EAST DUCTWORK DEMOLITION PLAN
M2.3	GROUND & SECOND FLOOR WEST PIPING DEMOLITION PLANS
M2.4	GROUND & SECOND FLOOR WEST DUCTWORK DEMOLITION PLANS
M2.5	ROOF EAST MECHANICAL DEMOLITION PLAN
M2.6	ROOF WEST & MECH ROOMS MECHANICAL DEMOLITION PLANS
M3.1	GROUND FLOOR EAST PIPING RENOVATION PLAN
M3.2	GROUND FLOOR EAST DUCTWORK RENOVATION PLAN
M3.3	GROUND & SECOND FLOOR WEST PIPING RENOVATION PLANS
M3.4	GROUND & SECOND FLOOR WEST DUCTWORK RENOVATION PLANS
M3.5	ROOF EAST MECHANICAL RENOVATION PLAN
M3.6	ROOF WEST & MECH ROOMS MECHANICAL RENOVATION PLANS
SP1.1	LEGEND, KEY PLAN & GROUND FLOOR EAST SPRINKLER PLAN
SP1.2	GROUND FLOOR WEST SPRINKLER PLAN
SP1.3	SECOND FLOOR WEST SPRINKLER PLAN



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Project No.: 26012  
Checked By: K.K.  
Drawn By: J.S.S.

WINDOW REPLACEMENTS, INTERIOR ALTERATIONS AND HVAC UPGRADES

**DRAWING LIST, KEY PLAN, LEGEND & PLUMBING SCHEDULES**

M1.1

ROOFTOP UNIT SCHEDULE			
SYMBOL	DESCRIPTION	MANUFACTURER & MODEL	REMARKS
HVAC-18	HEAT PUMP & GAS HEATING / ELEC (DX) COOLING ROOFTOP UNIT  AIR FLOW: SUPPLY: 4000 CFM (1887 L/S) AT 1.4" WC (0.3 KPA) ESP EXHAUST (POWERED): 4000 CFM (1887 L/S)  HEAT PUMP HEATING: 80.9 MBH (23.6 KW) AT 17F (-8C) DAT  GAS HEATING: INPUT (NATURAL GAS): 306 CFM (8.7 L/S) OUTPUT: 243 MBH (71.1 KW)  ELEC (DX) COOLING: 11.1 TONS / 133 MBH (39.2 KW) TOTAL, 99 MBH (29.0 KW) SENSIBLE	DAIKIN DP9H18B	575-3-60, 27.6 MCA, 40 MOCP. 74"W X 102" X 36"H (1850MM X 2550MM X 2150MM) OVERALL, 74"W X 80"L (1850MM X 2000MM) CURB, 2416 LB (1095 KG). PROVIDE: -PAINTED GALVANIZED EXTERIOR. -1" (25MM) INJECTED FOAM INSULATION (R-7) C/W GALVANIZED STEEL LINER. -BOTTOM SUPPLY & RETURN CONNECTIONS. -100% ECONOMIZER & POWERED EXHAUST FAN (DIRECT DRIVE C/W EC MOTOR). -2" (50MM) MERV 8 FILTERS & 4" (100MM) BLANK FILTER RACK. -R-32 REFRIGERANT. -HEAT PUMP / DX COOLING COIL. -STAINLESS STEEL CONDENSATE DRAIN PAN. -MODULATING INVERTER SCROLL COMPRESSORS C/W RUBBER ISOLATORS. -MODULATING HOT GAS REHEAT COIL. -SUPPLY FAN (DIRECT DRIVE C/W EC MOTOR) C/W ISOLATORS. -GAS HEATING (MODULATING 5:1 TURNDOWN) C/W STAINLESS STEEL HEAT EXCHANGER. -HINGED ACCESS PANELS. -FLUE DISCHARGE DEFLECTOR. -LOUVERED HAL GUARDS. -PHASE MONITOR PROTECTION. -DIGITAL READY CONTROLS SUITABLE FOR BAS INTEGRATION BY CONTROLS TRADE. -NON-FUSED DISCONNECT. -THRU-THE-BASE ELECTRICAL CONNECTIONS. -24" (600MM) HIGH DOWN DISCHARGE INSULATED ROOF CURB C/W FULL PERIMETER NEOPRENE TOP GASKET.

HVAC-19.20	HEAT PUMP & GAS HEATING / ELEC (DX) COOLING ROOFTOP UNIT  AIR FLOW: SUPPLY: 4000 CFM (2831 L/S) AT 1.2" WC (0.3 KPA) ESP EXHAUST (POWERED): 6000 CFM (2631 L/S)  HEAT PUMP HEATING: 122 MBH (35.8 KW) AT 17F (-8C) DAT  GAS HEATING: INPUT (NATURAL GAS): 406 CFM (11.5 L/S) OUTPUT: 324 MBH (94.9 KW)  ELEC (DX) COOLING: 15.3 TONS / 184 MBH (54.0 KW) TOTAL, 143 MBH (41.9 KW) SENSIBLE	DAIKIN DP9H18B	575-3-60, 40.2 MCA, 50 MOCP. 74"W X 102" X 36"H (1850MM X 2550MM X 2150MM) OVERALL, 74"W X 80"L (1850MM X 2000MM) CURB, 2633 LB (1194 KG). PROVIDE: -PAINTED GALVANIZED EXTERIOR. -1" (25MM) INJECTED FOAM INSULATION (R-7) C/W GALVANIZED STEEL LINER. -BOTTOM SUPPLY & RETURN CONNECTIONS. -100% ECONOMIZER & POWERED EXHAUST FAN (DIRECT DRIVE C/W EC MOTOR). -2" (50MM) MERV 8 FILTERS & 4" (100MM) BLANK FILTER RACK. -R-32 REFRIGERANT. -HEAT PUMP / DX COOLING COIL. -STAINLESS STEEL CONDENSATE DRAIN PAN. -MODULATING INVERTER SCROLL COMPRESSORS C/W RUBBER ISOLATORS. -MODULATING HOT GAS REHEAT COIL. -SUPPLY FAN (DIRECT DRIVE C/W EC MOTOR) C/W ISOLATORS. -GAS HEATING (MODULATING 5:1 TURNDOWN) C/W STAINLESS STEEL HEAT EXCHANGER. -HINGED ACCESS PANELS. -FLUE DISCHARGE DEFLECTOR. -LOUVERED HAL GUARDS. -PHASE MONITOR PROTECTION. -DIGITAL READY CONTROLS SUITABLE FOR BAS INTEGRATION BY CONTROLS TRADE. -NON-FUSED DISCONNECT. -THRU-THE-BASE ELECTRICAL CONNECTIONS. -24" (600MM) HIGH DOWN DISCHARGE INSULATED ROOF CURB C/W FULL PERIMETER NEOPRENE TOP GASKET.
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HVAC-21	HEAT PUMP & GAS HEATING / ELEC (DX) COOLING ROOFTOP UNIT  AIR FLOW: SUPPLY: 2000 CFM (943 L/S) AT 0.8" WC (0.2 KPA) ESP  HEAT PUMP HEATING: 46 MBH (13.5 KW) AT 17F (-8C) DAT  GAS HEATING: INPUT (NATURAL GAS): 168 CFM (4.7 L/S) OUTPUT: 129.6 MBH (37.9 KW)  ELEC (DX) COOLING: 5.0 TONS / 60 MBH (17.8 KW) TOTAL, 47 MBH (13.8 KW) SENSIBLE	DAIKIN DP9H18B	575-3-60, 15.3 MCA, 20 MOCP. 54"W X 85" X 70"H (1360MM X 2120MM X 1750MM) OVERALL, 54"W X 67"L (1350MM X 1675MM) CURB, 1170 LB (530 KG). PROVIDE: -PAINTED GALVANIZED EXTERIOR. -1" (25MM) INJECTED FOAM INSULATION (R-7) C/W GALVANIZED STEEL LINER. -BOTTOM SUPPLY & RETURN CONNECTIONS. -100% ECONOMIZER & BAROMETRIC RELIEF. -2" (50MM) MERV 8 FILTERS & 4" (100MM) BLANK FILTER RACK. -R-32 REFRIGERANT. -HEAT PUMP / DX COOLING COIL. -STAINLESS STEEL CONDENSATE DRAIN PAN. -MODULATING INVERTER SCROLL COMPRESSORS C/W RUBBER ISOLATORS. -MODULATING HOT GAS REHEAT COIL. -SUPPLY FAN (DIRECT DRIVE C/W EC MOTOR) C/W ISOLATORS. -GAS HEATING (MODULATING 5:1 TURNDOWN) C/W STAINLESS STEEL HEAT EXCHANGER. -HINGED ACCESS PANELS. -FLUE DISCHARGE DEFLECTOR. -LOUVERED HAL GUARDS. -PHASE MONITOR PROTECTION. -DIGITAL READY CONTROLS SUITABLE FOR BAS INTEGRATION BY CONTROLS TRADE. -NON-FUSED DISCONNECT. -THRU-THE-BASE ELECTRICAL CONNECTIONS. -24" (600MM) HIGH DOWN DISCHARGE INSULATED ROOF CURB C/W FULL PERIMETER NEOPRENE TOP GASKET.
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HVAC-22	HEAT PUMP & GAS HEATING / ELEC (DX) COOLING ROOFTOP UNIT  AIR FLOW: SUPPLY: 1600 CFM (785 L/S) AT 1.0" WC (0.3 KPA) ESP  HEAT PUMP HEATING: 45 MBH (13.3 KW) AT 17F (-8C) DAT  GAS HEATING: INPUT (NATURAL GAS): 129 CFM (3.6 L/S) OUTPUT: 97 MBH (28.4 KW)  ELEC (DX) COOLING: 4.1 TONS / 49 MBH (14.6 KW) TOTAL, 38 MBH (11.3 KW) SENSIBLE	DAIKIN DP9H18B	575-3-60, 15.3 MCA, 20 MOCP. 54"W X 85" X 70"H (1360MM X 2120MM X 1750MM) OVERALL, 54"W X 67"L (1350MM X 1675MM) CURB, 1142 LB (518 KG). PROVIDE: -PAINTED GALVANIZED EXTERIOR. -1" (25MM) INJECTED FOAM INSULATION (R-7) C/W GALVANIZED STEEL LINER. -BOTTOM SUPPLY & RETURN CONNECTIONS. -100% ECONOMIZER & BAROMETRIC RELIEF. -2" (50MM) MERV 8 FILTERS & 4" (100MM) BLANK FILTER RACK. -R-32 REFRIGERANT. -HEAT PUMP / DX COOLING COIL. -STAINLESS STEEL CONDENSATE DRAIN PAN. -MODULATING INVERTER SCROLL COMPRESSORS C/W RUBBER ISOLATORS. -MODULATING HOT GAS REHEAT COIL. -SUPPLY FAN (DIRECT DRIVE C/W EC MOTOR) C/W ISOLATORS. -GAS HEATING (MODULATING 5:1 TURNDOWN) C/W STAINLESS STEEL HEAT EXCHANGER. -HINGED ACCESS PANELS. -FLUE DISCHARGE DEFLECTOR. -LOUVERED HAL GUARDS. -PHASE MONITOR PROTECTION. -DIGITAL READY CONTROLS SUITABLE FOR BAS INTEGRATION BY CONTROLS TRADE. -NON-FUSED DISCONNECT. -THRU-THE-BASE ELECTRICAL CONNECTIONS. -24" (600MM) HIGH DOWN DISCHARGE INSULATED ROOF CURB C/W FULL PERIMETER NEOPRENE TOP GASKET.
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ENERGY RECOVERY VENTILATOR SCHEDULE			
SYMBOL	DESCRIPTION	MANUFACTURER & MODEL	REMARKS
ERV-2	HIGH LATENT TRANSFER ENTHALPY CORE ENERGY RECOVERY VENTILATOR  AIR FLOW: OUTDOOR: 1700 CFM (802 L/S) AT 0.6" WC (0.14 KPA) ESP EXHAUST: 1700 CFM (802 L/S) AT 0.7" WC (0.16 KPA) ESP  WINTER RECOVERY: -4F (-19C) DB / -5F (-20C) WB DAT, 72F (22C) DB / 54F (13C) WB EAT, 116 MBH (33.9 KW) TOTAL (64.6%)  SUMMER RECOVERY: 80F (32C) DB / 75F (23C) WB DAT, 75F (23C) DB / 53F (13C) WB EAT, 3.5 TONS / 42 MBH TOTAL (12.2 KW) (53.5%)	ALDES PE20	575-3-60, 4 MCA, 15 MOCP. 39"W X 83"D X 45"H (975MM X 2075MM X 1125MM), 1100 LB (498 KG). PROVIDE: -22 GAUGE PAINTED GALVANIZED STEEL EXTERIOR. -1" (25MM) INSULATION C/W GALVANIZED STEEL LINER. -BOTTOM SUPPLY & RETURN CONNECTIONS. -2" (50MM) MERV 8 SUPPLY & EXHAUST FILTERS. -GALVANIZED STEEL CONDENSATE DRAIN PAN C/W TUBING. -OUTDOOR & EXHAUST FORWARD-CURVED FANS C/W BELT DRIVE MOTORS. -HINGED ACCESS PANELS. -INTEGRAL EXHAUST ONLY FROST CONTROL C/W TEMPERATURE SENSOR. -OUTDOOR & EXHAUST INSULATED MOTORIZED DAMPERS. -OUTDOOR & EXHAUST HOODS C/W BIRDSCREEN. -DRY CONTRACTS (START / STOP, GENERAL ALARM, ETC) SUITABLE FOR BAS INTEGRATION BY CONTROLS TRADE. -NON-FUSED DISCONNECT. -THRU-THE-BASE ELECTRICAL CONNECTIONS. -24" (600MM) HIGH DOWN DISCHARGE INSULATED ROOF CURB C/W FULL PERIMETER NEOPRENE TOP GASKET. -AIR BALANCING AS FOLLOWS: -HVAC-18: 400 CFM (212 L/S) -HVAC-19: 600 CFM (268 L/S) -HVAC-20: 600 CFM (268 L/S)

VVT DAMPER SCHEDULE (HVAC-18)				
ZONE	SPACES SERVED	SIZE (MM)	AIRFLOW (L/S)	
			DESIGN	BALANCING
A1	501 CLASSROOM	350X300	400	495
A2	503 CLASSROOM	350X300	375	465
A3	505 CLASSROOM	350X300	375	465
A4	507 CLASSROOM	350X300	375	465
AB	BY-PASS	900X300	-	-

VVT DAMPER SCHEDULE (HVAC-19)				
ZONE	SPACES SERVED	SIZE (MM)	AIRFLOW (L/S)	
			DESIGN	BALANCING
B1	522 CLASSROOM	450X350	740	540
B2	524 CLASSROOM	450X350	730	535
B3	526 CLASSROOM	450X350	730	535
B4	528 CLASSROOM	450X350	730	535
B5	530 CLASSROOM	500X350	935	685
BB	BY-PASS	900X450	-	-

VVT DAMPER SCHEDULE (HVAC-20)				
ZONE	SPACES SERVED	SIZE (MM)	AIRFLOW (L/S)	
			DESIGN	BALANCING
C1	521 COMPUTER CLASSROOM	400X350	655	645
C2	521A OFFICE	2500	160	160
C3	523 COMPUTER CLASSROOM	400X350	625	620
C4	525 COMPUTER CLASSROOM	400X350	625	620
C5	527 CLASSROOM	350X350	540	535
C6	560 RESOURCE	2500	115	115
C7	561 OFFICE	2500	135	135
CB	BY-PASS	900X450	-	-

VVT DAMPER SCHEDULE (HVAC-22)				
ZONE	SPACES SERVED	SIZE (MM)	AIRFLOW (L/S)	
			DESIGN	BALANCING
D1	317A DIETICIAN	2000	65	55
D2	318 STAFF DINING	350X300	390	325
D3	319 SERVERY	350X300	445	375
DB	BY-PASS	500X300	-	-

EXHAUST FAN SCHEDULE				
SYMBOL	DESCRIPTION	MANUFACTURER & MODEL	REMARKS	
EF-19	ROOF-MOUNTED DOWNBLAST EXHAUST FAN AIR FLOW: 700 CFM (230 L/S) AT 0.8" WC (0.2 KPA) ESP	COOK ACE-8 (120C OR91)	575-3-60, 1/3 HP (248 W), 20"W X 20"L X 27"H (500MM X 500MM X 675MM), 96 LB (43 KG). PROVIDE: -BIRD SCREEN. -BELT DRIVE. -OVERLOAD PROTECTION. -24" (600 MM) HIGH INSULATED ROOF CURB C/W FULL PERIMETER NEOPRENE GASKET. -CONTROLLED BY BAS. WHEN OVM AHU IS IN OCCUPIED MODE, EF-19 IS TO BE ON.	
EF-20	INLINE EXHAUST FAN AIR FLOW: 600 CFM (283 L/S) AT 0.7" WC (0.1 KPA) ESP	COOK SQN-D VF (120SQN28071VF)	208-1-60, 1/2 HP (372 W). PROVIDE: -GRANITY BACKDRAFT DAMPER. -ACOUSTICALLY LINED HOUSING. -DIRECT DRIVE. -UNIT MOUNTED 120V VARIABLE SPEED CONTROLLER (FOR AIRFLOW BALANCING). -NON-FUSED DISCONNECT. -OVERLOAD PROTECTION. -NEOPRENE ISOLATORS. -CONTROLLED BY BAS. WHEN SCHOOL IS IN OCCUPIED MODE, EF-20 IS TO BE ON.	
EF-21	ROOF-MOUNTED UPBLAST EXHAUST FAN (NPPA 96 KITCHEN HOOD) AIR FLOW: 775 CFM (265 L/S) AT 1.5" WC (0.4 KPA) ESP	COOK VCR-HP (150VH8)	208-1-60, 3/4 HP (559 W). 24"W X 24"L X 28"H (600MM X 600MM X 700MM), 141 LB (63 KG). PROVIDE: -HINGED ACCESS. -UL782 LISTING. -UL782 LISTING. -GREASE DRAIN TO SEPARATOR BOX. -BIRD DRIVE. -BIRD SCREEN. -NON-FUSED DISCONNECT. -OVERLOAD PROTECTION. -LOAD REACTOR. -HIGH HEAT OPERATION. -NON-COMBUSTIBLE VENTED ROOF CURB. SIZE TO PERMIT INSTALLATION OF DUCTWORK C/W FIRE-RATED INSULATION. HEIGHT TO ENSURE MIN 18" (450MM) FROM BOTTOM OF FAN & 40" (1000MM) FROM TOP OF FAN TO ROOF. -CONTROLLED BY KITCHEN HOOD (KH) CONTROL PANEL & MONITORED BY BAS. WHEN KH IS ON, RTU-21 OIA PERCENTAGE TO MATCH (WHILE ALSO CONSIDERING EF-22 AIR FLOW).	
EF-22	INLINE EXHAUST FAN (CONDENSATE HOOD) AIR FLOW: 350 CFM (165 L/S) AT 0.8" WC (0.1 KPA) ESP	COOK SQN-B (60SQN-B)	208-1-60, 1 HP (745 W). PROVIDE: -BELT DRIVE. -NON-FUSED DISCONNECT. -OVERLOAD PROTECTION. -NEOPRENE ISOLATORS. -MOTOR GUARD. -ALUMINUM CONSTRUCTION. -CONTROLLED BY COMMERCIAL DISHWASHER (CDW) WITH ELEC INTERLOCK & MONITORED BY BAS. WHEN CDW IS ON, EF-22 IS TO BE ON. WHEN EF-22 IS ON, RTU-21 OIA PERCENTAGE TO MATCH (WHILE ALSO CONSIDERING EF-23 AIR FLOW).	
EF-23	ROOF-MOUNTED DOWNBLAST EXHAUST FAN AIR FLOW: 475 CFM (225 L/S) AT 0.4" WC (0.1 KPA) ESP	COOK ACE-8 (120C OR91)	575-3-60, 1/3 HP (248 W), 20"W X 20"L X 27"H (500MM X 500MM X 675MM), 96 LB (43 KG). PROVIDE: -BIRD SCREEN. -BELT DRIVE. -BIRD SCREEN. -NON-FUSED DISCONNECT. -OVERLOAD PROTECTION. -24" (600 MM) HIGH INSULATED ROOF CURB C/W FULL PERIMETER NEOPRENE GASKET. -CONTROLLED BY BAS. WHEN SPACE TEMPERATURE IS EXCEEDED, MOTORIZED DAMPER IS TO OPEN & EF-23 IS TO BE ON.	

DIFFUSER & GRILLE SCHEDULE				
SYMBOL	DESCRIPTION	MANUFACTURER & MODEL	REMARKS	
A	ADJUSTABLE SQUARE CEILING DIFFUSER	KRUEGER 1450A-F23-24X24-00-00-44	PROVIDE LAY-IN T-BAR FRAME, 24"X24" (600MM X 600MM) PANEL SIZE, WHITE.	
B	FIXED BLADE RETURN / TRANSFER / EXHAUST GRILLE	KRUEGER S65-H-F22-NONE-01-00-00-44	PROVIDE 0.5" (13MM) BLADE SPACING, HORIZONTAL FRONT BLADES, SURFACE-MOUNT FRAME, SCREW HOLE MOUNTING, WHITE.	
C	EGGCRATE EXHAUST GRILLE	KRUEGER EGC5-F22-NONE-01-01-00-44	PROVIDE 0.5" (13MM) CORE, SURFACE-MOUNT FRAME, SCREW HOLE MOUNTING, OPPOSED BLADE DAMPER, WHITE.	
D	EGGCRATE RETURN GRILLE	KRUEGER EGR5-FB-44	PROVIDE 0.5" (13MM) CORE, CHANNEL FRAME FOR LAY-IN, WHITE.	
E	FIXED BLADE EXHAUST GRILLE	KRUEGER S65-H-F22-NONE-01-01-00-44	PROVIDE 0.5" (13MM) BLADE SPACING, HORIZONTAL FRONT BLADES, SURFACE-MOUNT FRAME, SCREW HOLE MOUNTING, OPPOSED BLADE DAMPER, WHITE.	
F	DOUBLE DEFLECTION EXHAUST GRILLE	KRUEGER 880-H-F22-NONE-01-00-00-44	PROVIDE 0.75" (19MM) BLADE SPACING, HORIZONTAL FRONT BLADES, SURFACE-MOUNT FRAME, SCREW HOLE MOUNTING, WHITE.	
G	EGGCRATE TRANSFER GRILLE	KRUEGER EGC5-F22-NONE-01-00-00-44	PROVIDE 0.5" (13MM) CORE, SURFACE-MOUNT FRAME, SCREW HOLE MOUNTING, WHITE.	

RADIANT PANEL HEATER SCHEDULE				
SYMBOL	DESCRIPTION	MANUFACTURER & MODEL	REMARKS	
RP-1	CEILING-MOUNTED HEATING WATER RADIANT PANEL HEATER HEATING: 4.1 MBH (1.2 KW) AT 0.4 GPM (0.03 L/S) & 180F (82C) SWT / 160F (71C) RWT	SIGMA SLC 24.4	120"L X 24"W (3000MM X 600MM). PROVIDE: -LINEAR ALUMINUM EXTRUDED PANELS C/W TONGUE & GROOVE JOINTS. -0.5" (13MM) OD COPPER TUBES. -EXTRUDED ALUMINUM CHANNEL CROSS BRACES. -STANDARD WHITE FINISH.	

CONVECTOR HEATER SCHEDULE				
SYMBOL	DESCRIPTION	MANUFACTURER & MODEL	REMARKS	
C-1	WALL-MOUNTED HEATING WATER CONVECTOR HEATER HEATING: 7.7 MBH (2.2 KW) AT 0.8 GPM (0.06 L/S) & 180F (82C) SWT / 160F (71C) RWT	SIGMA CWS	36"L X 32"H X 8"W (900MM X 800MM X 200MM). PROVIDE: -PAINT COLOUR BY ARCH.	
C-2	WALL-MOUNTED HEATING WATER CONVECTOR HEATER HEATING: 16.4 MBH (5.0 KW) AT 1.7 GPM (0.11 L/S) & 180F (82C) SWT / 160F (71C) RWT	SIGMA CWS	72"L X 32"H X 8"W (1800MM X 800MM X 200MM). PROVIDE: -PAINT COLOUR BY ARCH.	



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K.K.  
K.K.  
05/13/26  
05/27/26



Waterloo Oxford District Secondary School

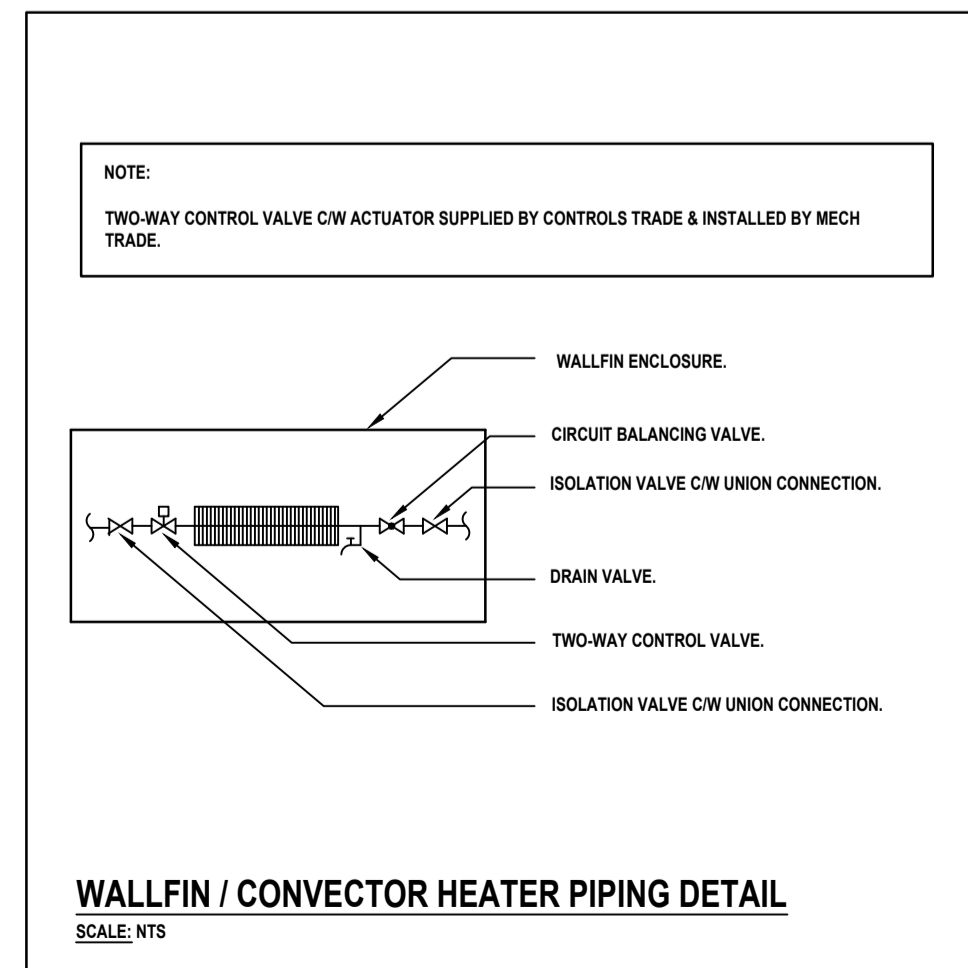
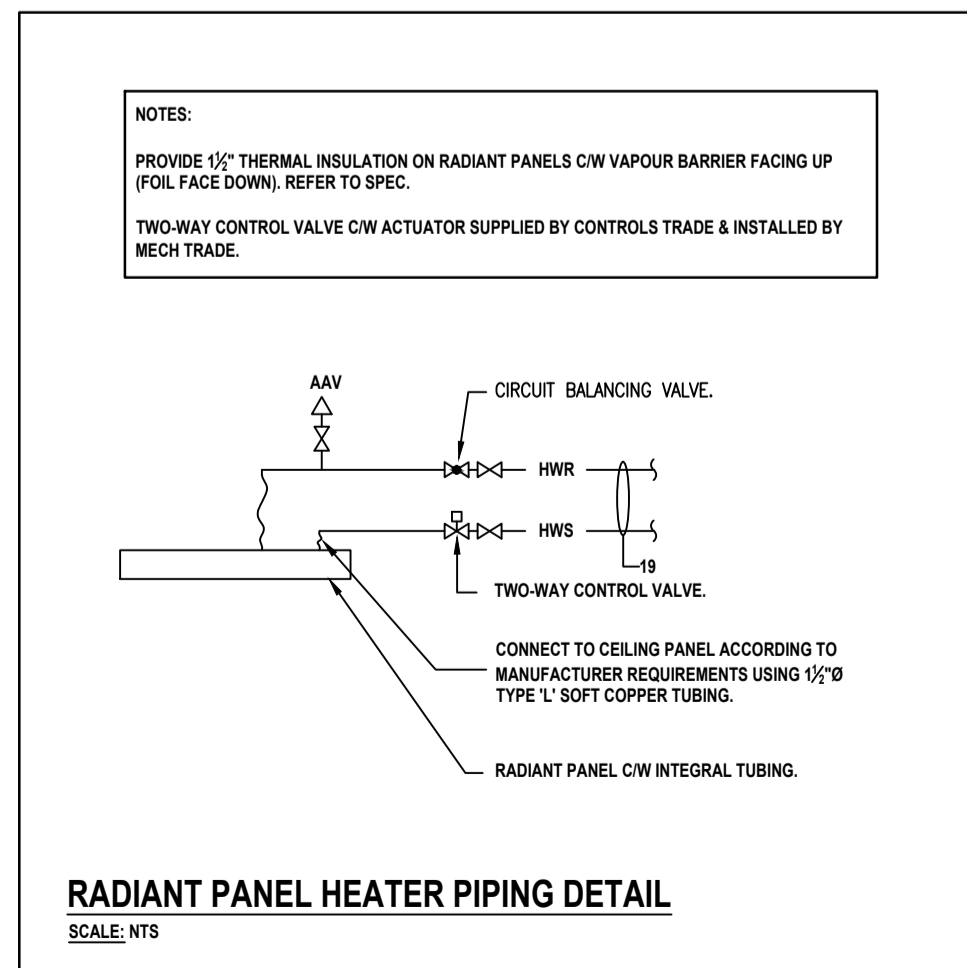
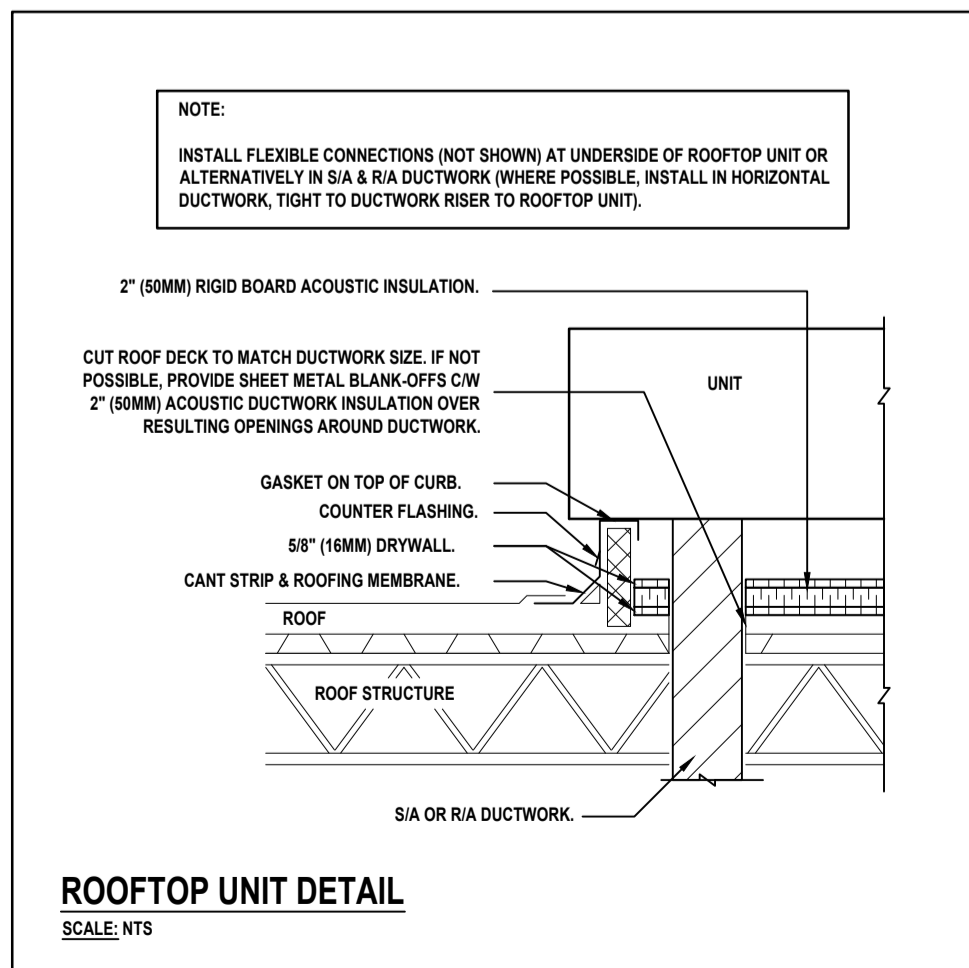
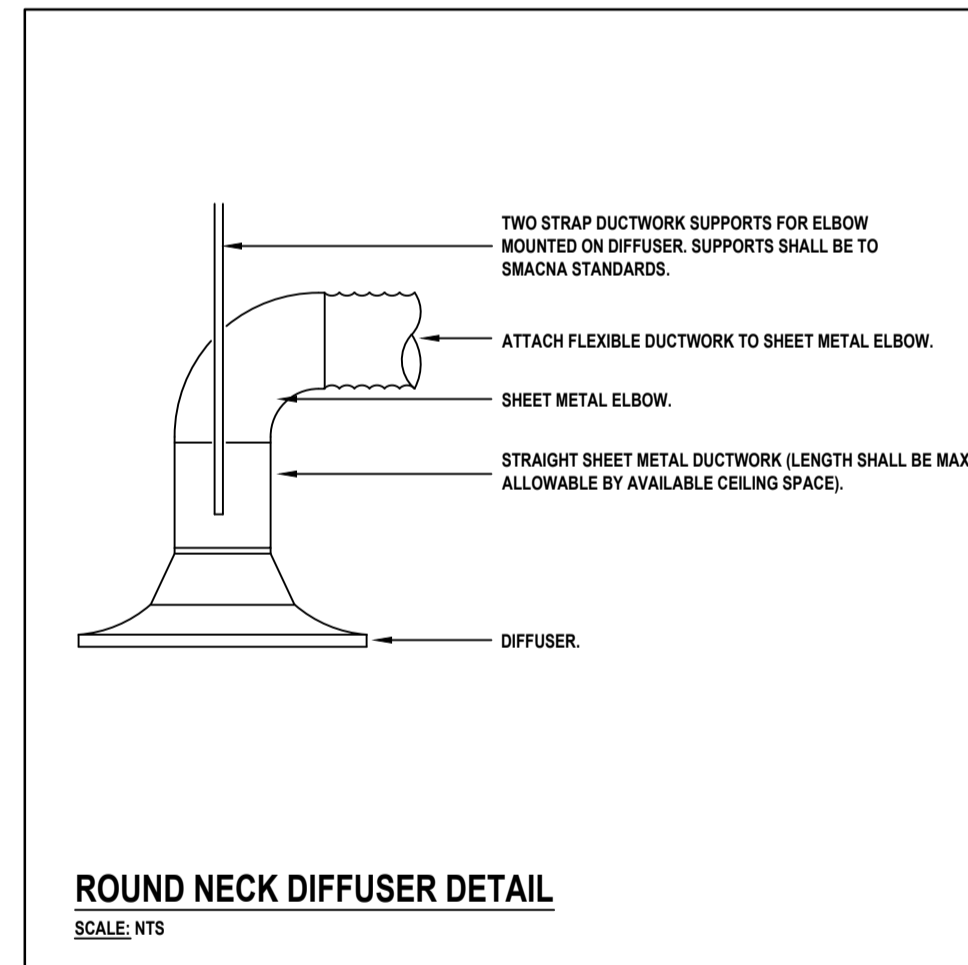
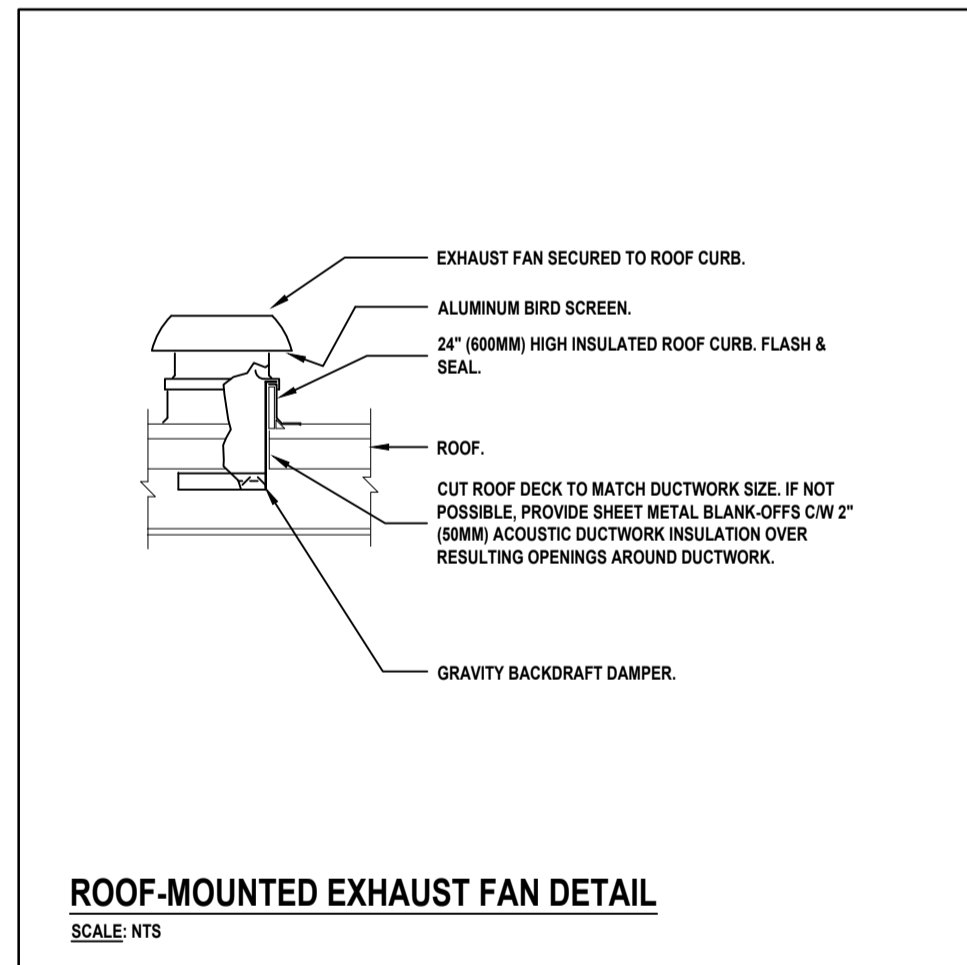
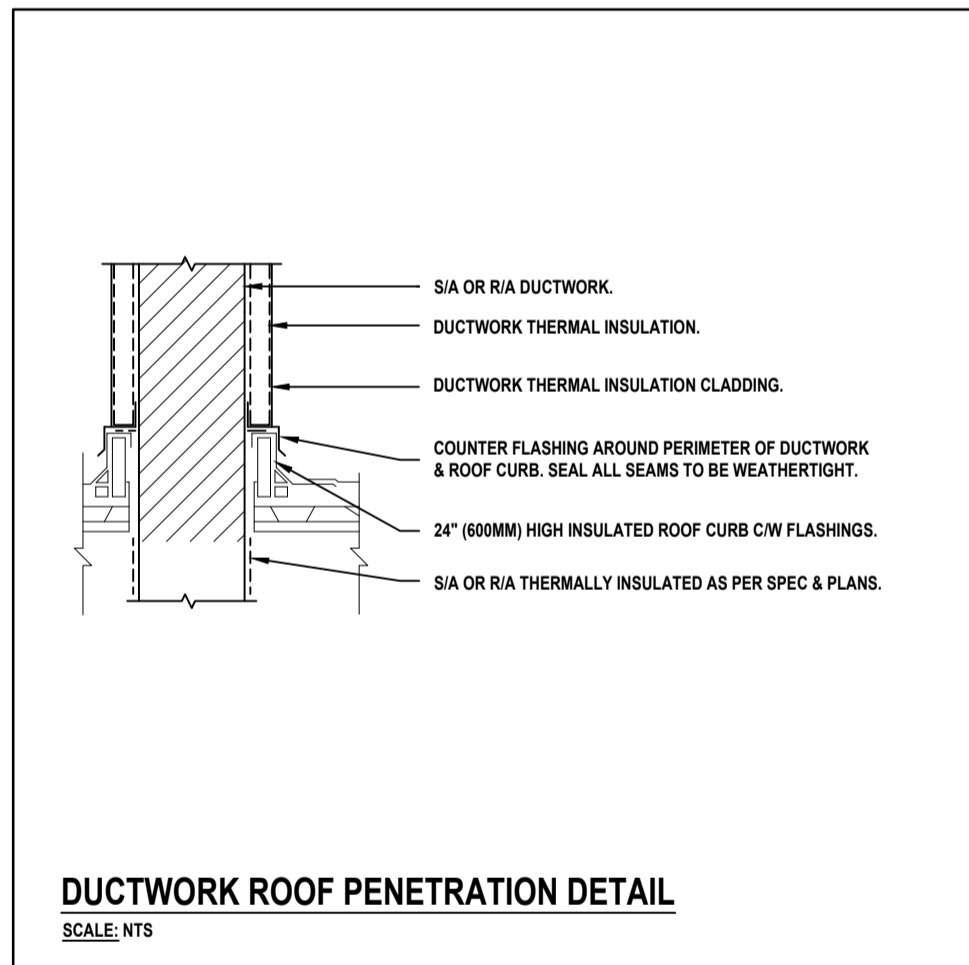
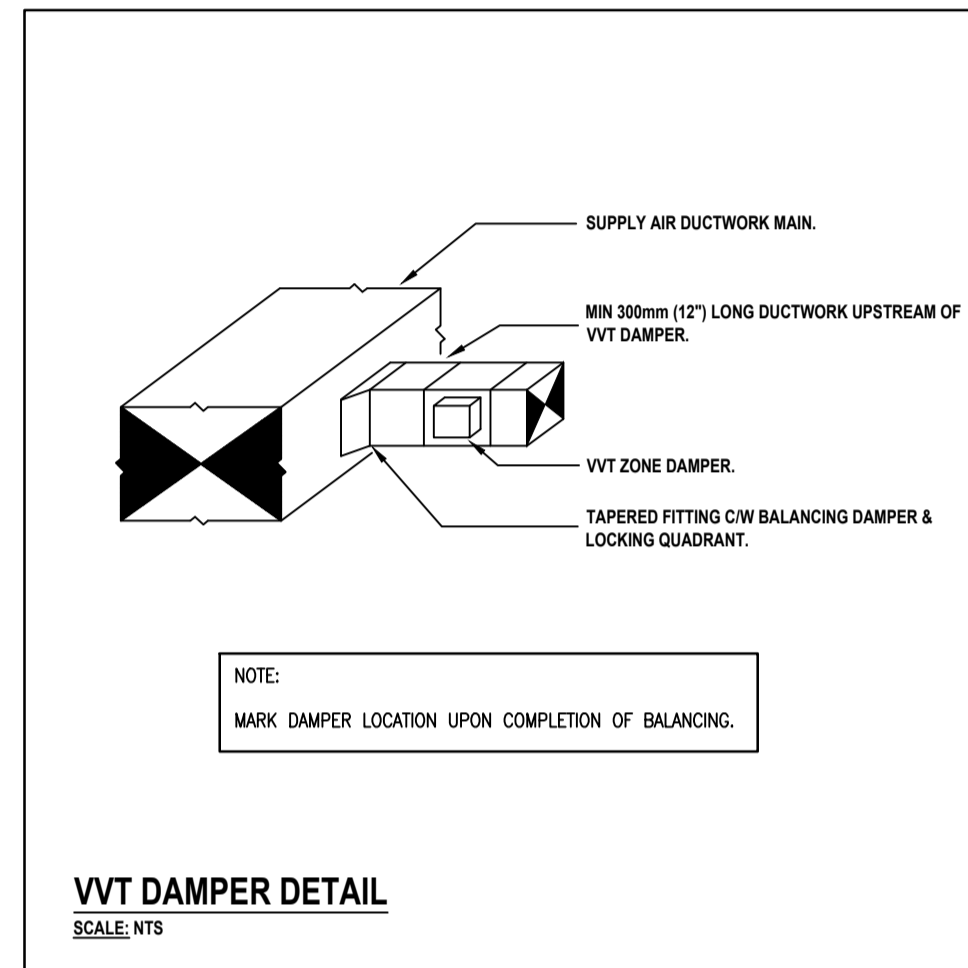
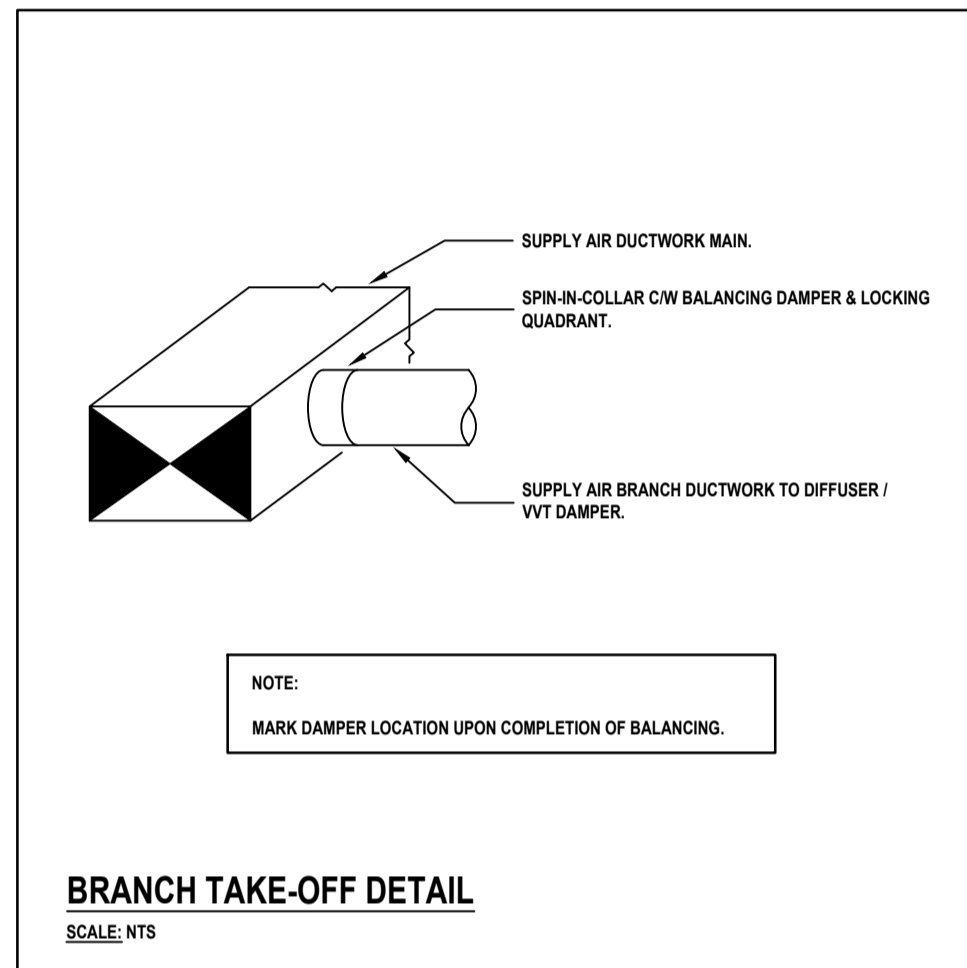
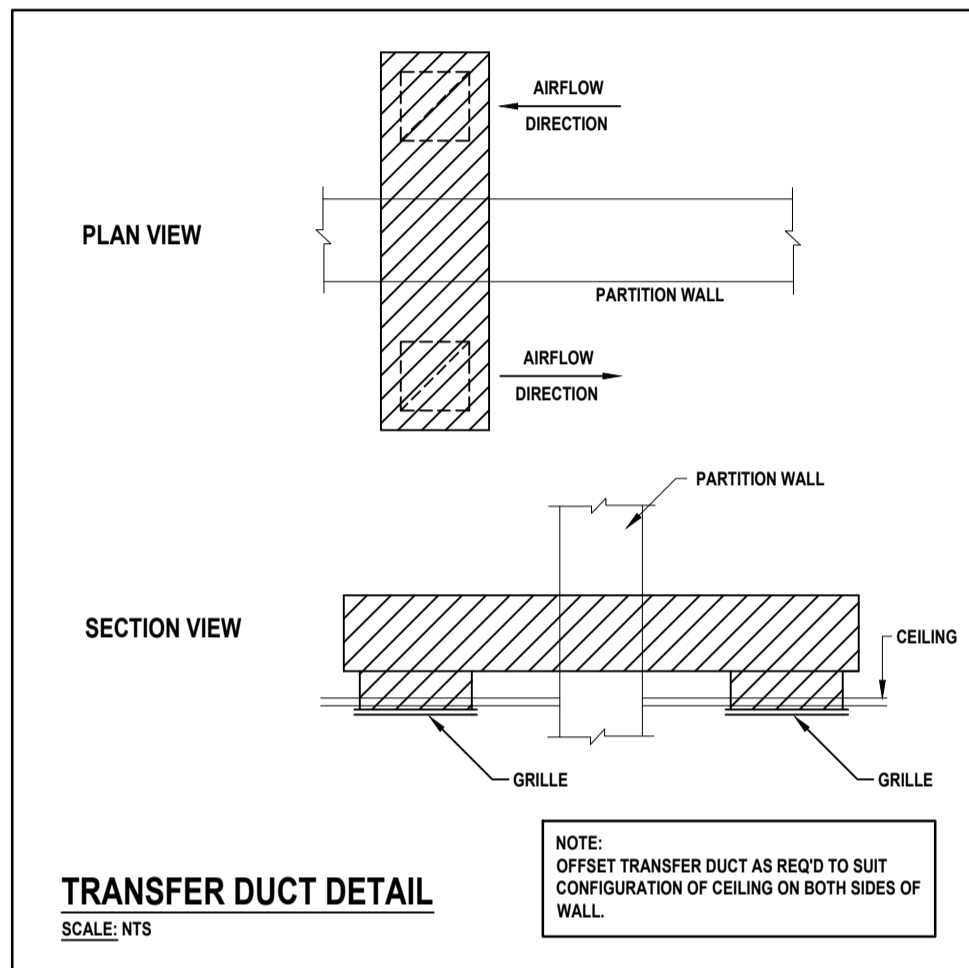
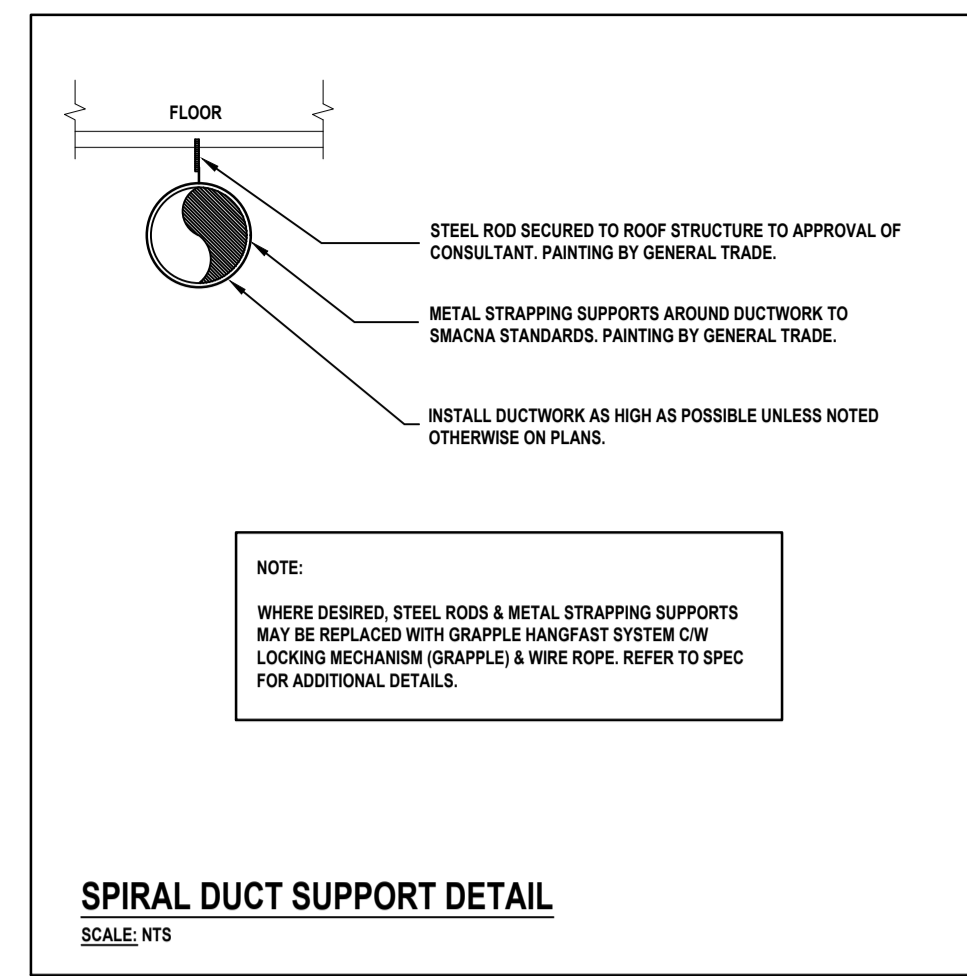
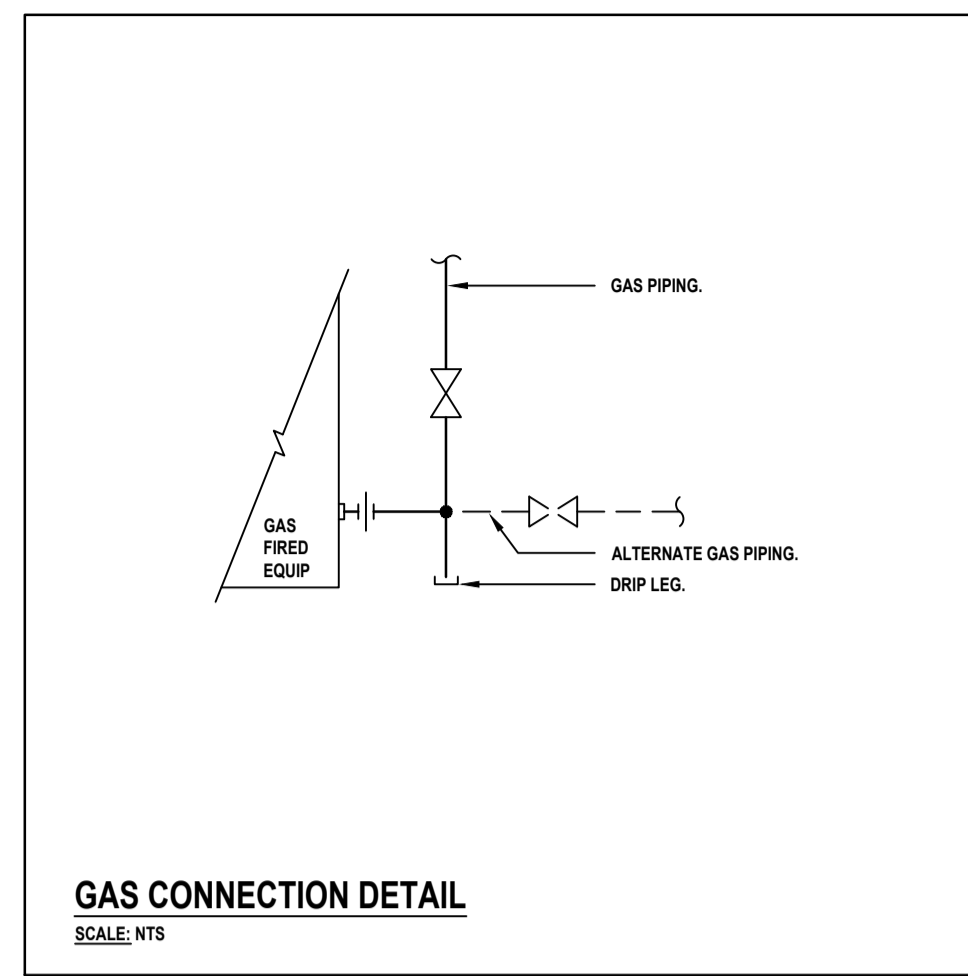
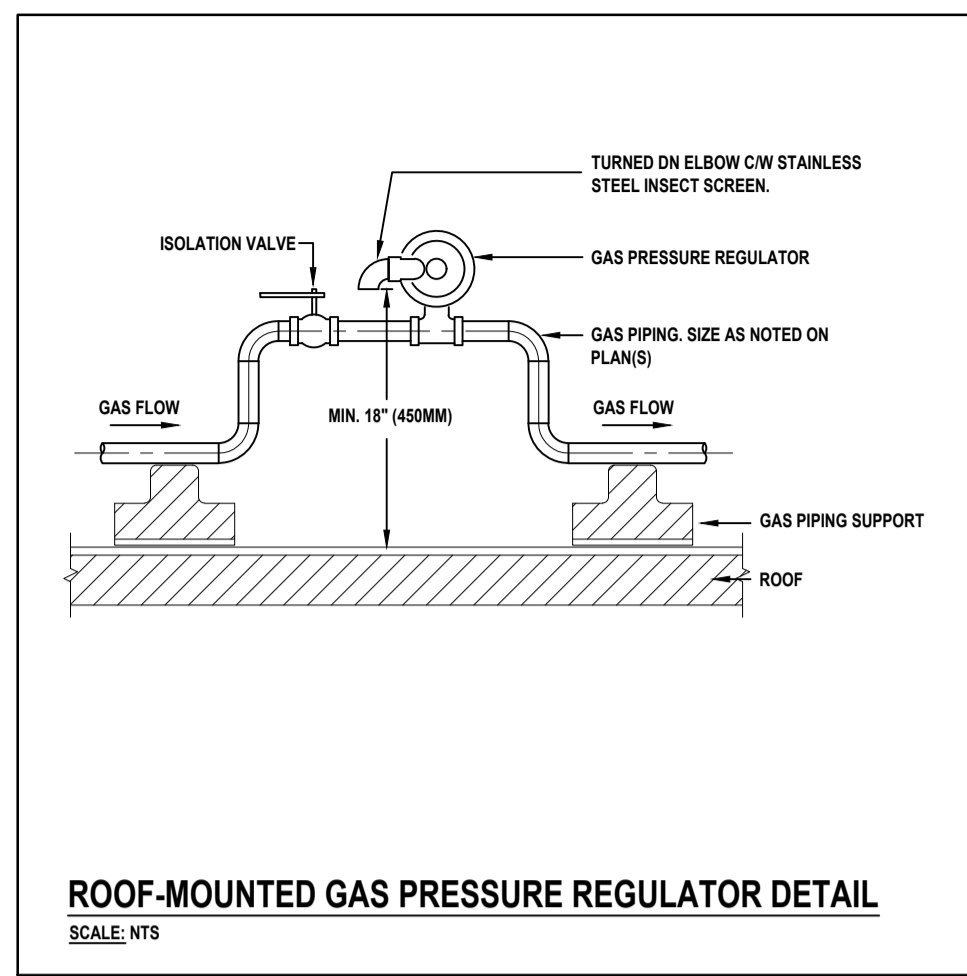
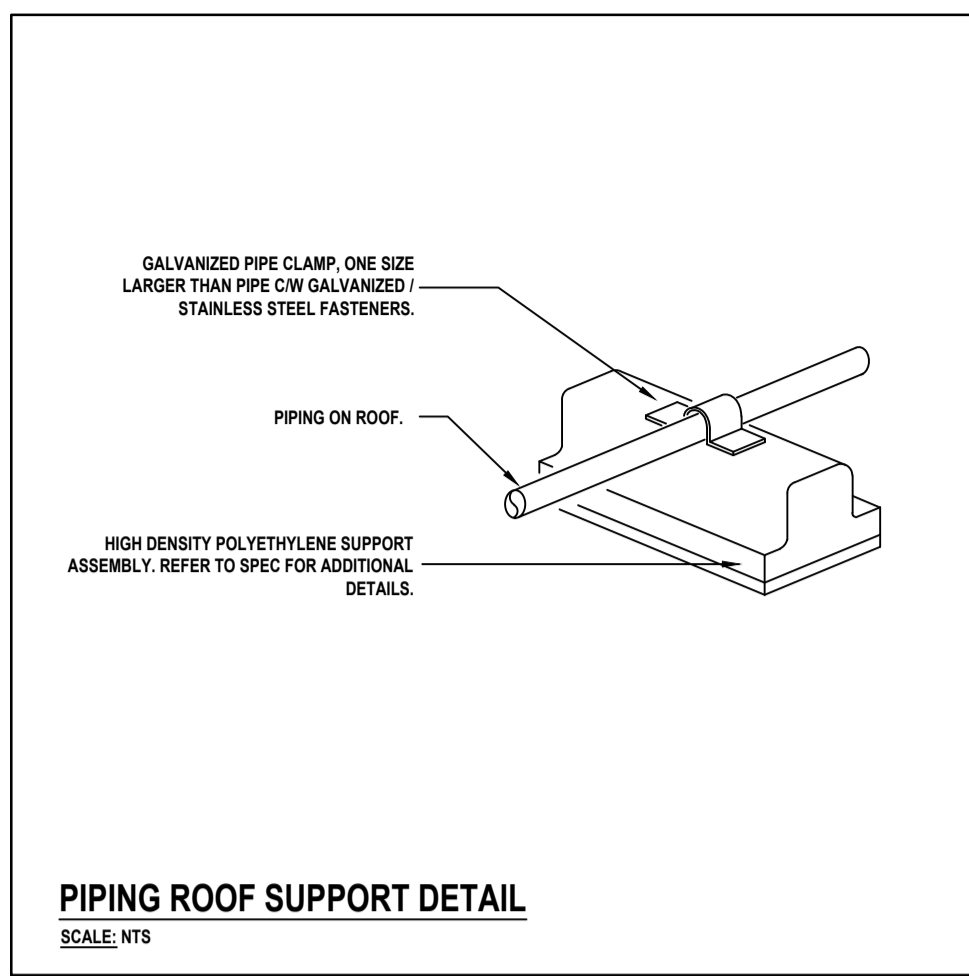
1206 Snyder's Rd W. Baden, ON N3A 1A4

Project No.: 26012  
Checked By: K.K.  
Drawn By: J.S.S.

WINDOW REPLACEMENTS, INTERIOR ALTERATIONS AND HVAC UPGRADES

HVAC SCHEDULES

M1.2



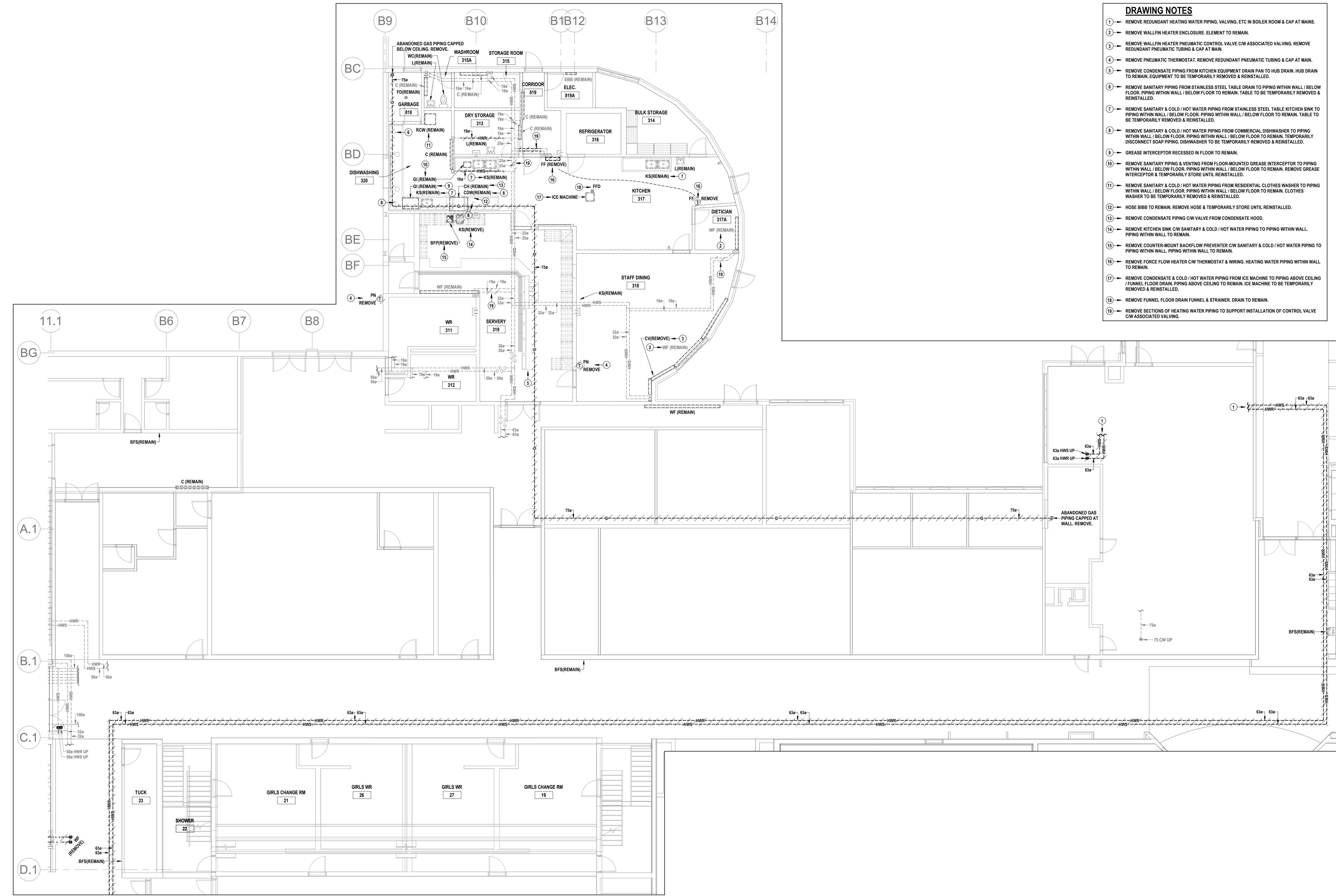
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**Waterloo Oxford District Secondary School**  
WINDOW REPLACEMENTS, INTERIOR ALTERATIONS AND HVAC UPGRADES1208 Snyder's Rd W. Baden, ON N3A 1A4  
Project No.: 26012  
Drawn By: J.S.S.  
Checked By: K.K.  
**DETAILS**

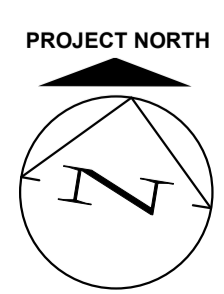
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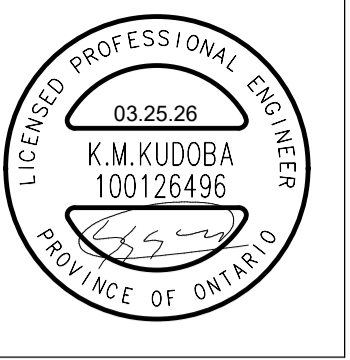


- DRAWING NOTES**
- REMOVE REDUNDANT HEATING WATER PIPING, VALVING, ETC IN BOILER ROOM & CAP AT MAINS.
  - REMOVE WALLFIN HEATER ENCLOSURE. ELEMENT TO REMAIN.
  - REMOVE WALLFIN HEATER PNEUMATIC CONTROL VALVE CW ASSOCIATED VALVING. REMOVE REDUNDANT PNEUMATIC TUBING & CAP AT MAIN.
  - REMOVE PNEUMATIC THERMOSTAT. REMOVE REDUNDANT PNEUMATIC TUBING & CAP AT MAIN.
  - REMOVE CONDENSATE PIPING FROM KITCHEN EQUIPMENT DRAIN PAN TO HUB DRAIN. HUB DRAIN TO REMAIN. EQUIPMENT TO BE TEMPORARILY REMOVED & REINSTALLED.
  - REMOVE SANITARY PIPING FROM STAINLESS STEEL TABLE DRAIN TO PIPING WITHIN WALL / BELOW FLOOR. PIPING WITHIN WALL / BELOW FLOOR TO REMAIN. TABLE TO BE TEMPORARILY REMOVED & REINSTALLED.
  - REMOVE SANITARY & COLD / HOT WATER PIPING FROM STAINLESS STEEL TABLE KITCHEN SINK TO PIPING WITHIN WALL / BELOW FLOOR. PIPING WITHIN WALL / BELOW FLOOR TO REMAIN. TABLE TO BE TEMPORARILY REMOVED & REINSTALLED.
  - REMOVE SANITARY & COLD / HOT WATER PIPING FROM COMMERCIAL DISHWASHER TO PIPING WITHIN WALL / BELOW FLOOR. PIPING WITHIN WALL / BELOW FLOOR TO REMAIN. TEMPORARILY DISCONNECT SOAP PIPING. DISHWASHER TO BE TEMPORARILY REMOVED & REINSTALLED.
  - GREASE INTERCEPTOR RECEIVED IN FLOOR TO REMAIN.
  - REMOVE SANITARY PIPING & VENTING FROM FLOOR-MOUNTED GREASE INTERCEPTOR TO PIPING WITHIN WALL / BELOW FLOOR. PIPING WITHIN WALL / BELOW FLOOR TO REMAIN. REMOVE GREASE INTERCEPTOR & TEMPORARILY STORE UNTIL REINSTALLED.
  - REMOVE SANITARY & COLD / HOT WATER PIPING FROM RESIDENTIAL CLOTHES WASHER TO PIPING WITHIN WALL / BELOW FLOOR. PIPING WITHIN WALL / BELOW FLOOR TO REMAIN. CLOTHES WASHER TO BE TEMPORARILY REMOVED & REINSTALLED.
  - HOSE BIBB TO REMAIN. REMOVE HOSE & TEMPORARILY STORE UNTIL REINSTALLED.
  - REMOVE CONDENSATE PIPING CW VALVE FROM CONDENSATE HOOD.
  - REMOVE KITCHEN SINK CW SANITARY & COLD / HOT WATER PIPING TO PIPING WITHIN WALL. PIPING WITHIN WALL TO REMAIN.
  - REMOVE COUNTER-MOUNT BACKFLOW PREVENTER CW SANITARY & COLD / HOT WATER PIPING TO PIPING WITHIN WALL. PIPING WITHIN WALL TO REMAIN.
  - REMOVE FORCE FLOW HEATER CW THERMOSTAT & WIRING. HEATING WATER PIPING WITHIN WALL TO REMAIN.
  - REMOVE CONDENSATE & COLD / HOT WATER PIPING FROM ICE MACHINE TO PIPING ABOVE CEILING / FUNNEL FLOOR DRAIN. PIPING ABOVE CEILING TO REMAIN. ICE MACHINE TO BE TEMPORARILY REMOVED & REINSTALLED.
  - REMOVE FUNNEL FLOOR DRAIN FUNNEL & STRAINER. DRAIN TO REMAIN.
  - REMOVE SECTIONS OF HEATING WATER PIPING TO SUPPORT INSTALLATION OF CONTROL VALVE CW ASSOCIATED VALVING.

1 GROUND FLOOR EAST PIPING DEMOLITION PLAN  
M2.1 SCALE: 1:100



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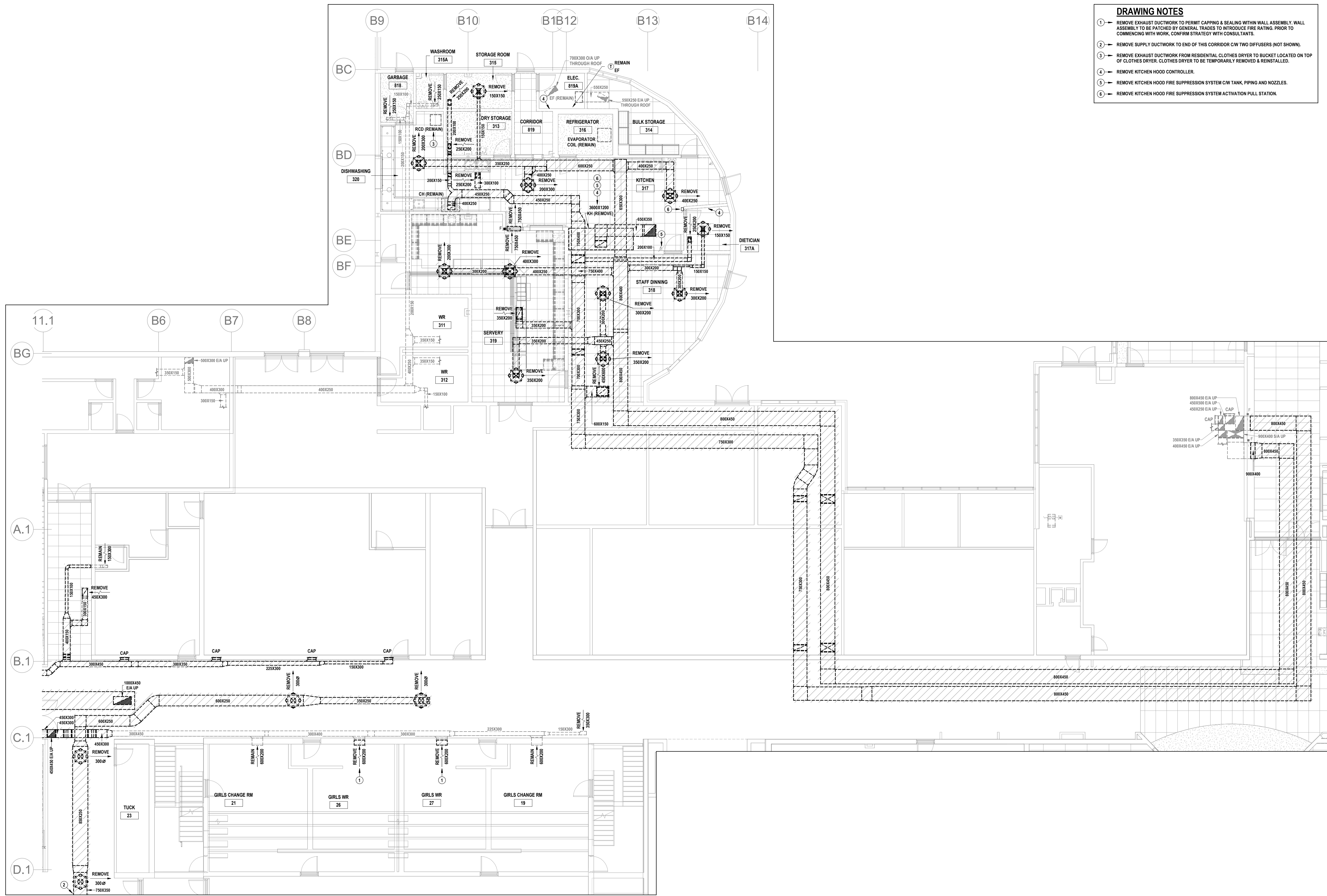


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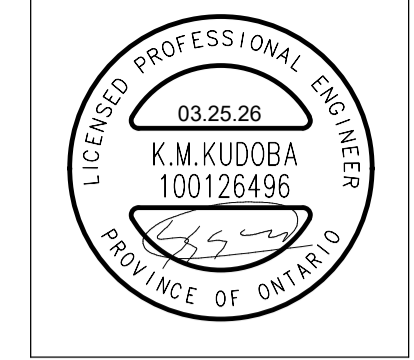
**Waterloo Oxford District Secondary School**  
WINDOW REPLACEMENTS, INTERIOR ALTERATIONS AND HVAC UPGRADES  
GROUND FLOOR EAST PIPING DEMOLITION PLAN  
1206 Snyder's Rd W, Baden, ON N3A 1A4  
Project No.: 26012  
Drawn By: J.S.S.  
Checked By: K.K.  
ISSUED FOR COORDINATION: 03.13.26  
ISSUED FOR BID: 03.27.26

M2.1



- DRAWING NOTES**
- 1 REMOVE EXHAUST DUCTWORK TO PERMIT CAPPING & SEALING WITHIN WALL ASSEMBLY. WALL ASSEMBLY TO BE PATCHED BY GENERAL TRADES TO INTRODUCE FIRE RATING. PRIOR TO COMMENCING WITH WORK, CONFIRM STRATEGY WITH CONSULTANTS.
  - 2 REMOVE SUPPLY DUCTWORK TO END OF THIS CORRIDOR CW TWO DIFFUSERS (NOT SHOWN).
  - 3 REMOVE EXHAUST DUCTWORK FROM RESIDENTIAL CLOTHES DRYER TO BUCKET LOCATED ON TOP OF CLOTHES DRYER. CLOTHES DRYER TO BE TEMPORARILY REMOVED & REINSTALLED.
  - 4 REMOVE KITCHEN HOOD CONTROLLER.
  - 5 REMOVE KITCHEN HOOD FIRE SUPPRESSION SYSTEM CW TANK, PIPING AND NOZZLES.
  - 6 REMOVE KITCHEN HOOD FIRE SUPPRESSION SYSTEM ACTIVATION PULL STATION.

1 GROUND FLOOR EAST DUCTWORK DEMOLITION PLAN  
SCALE: 1:100



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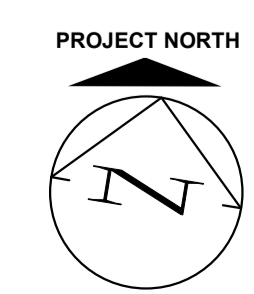
K.K.  
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**Waterloo Oxford District Secondary School**  
WINDOW REPLACEMENTS, INTERIOR ALTERATIONS AND HVAC UPGRADES

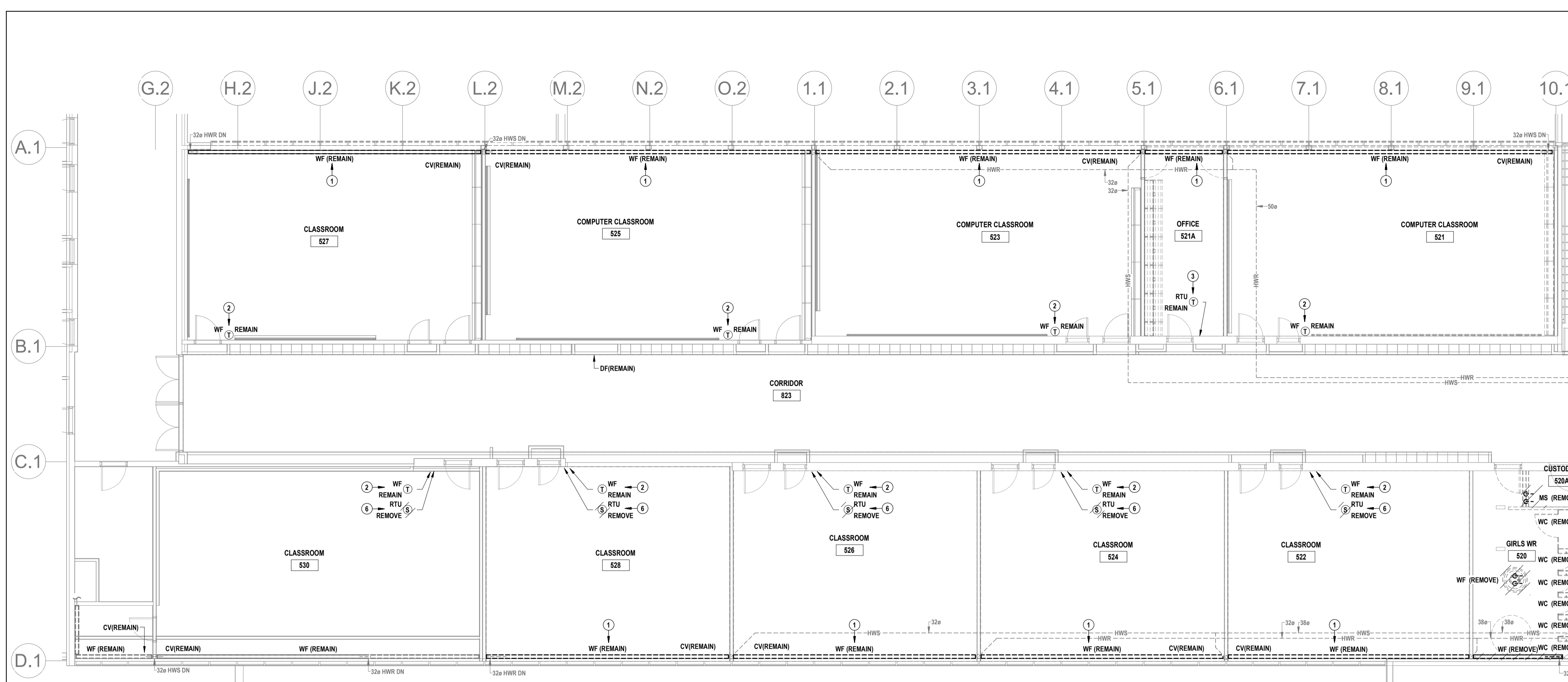
Project No.: 26012  
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**GROUND FLOOR EAST DUCTWORK DEMOLITION PLAN**

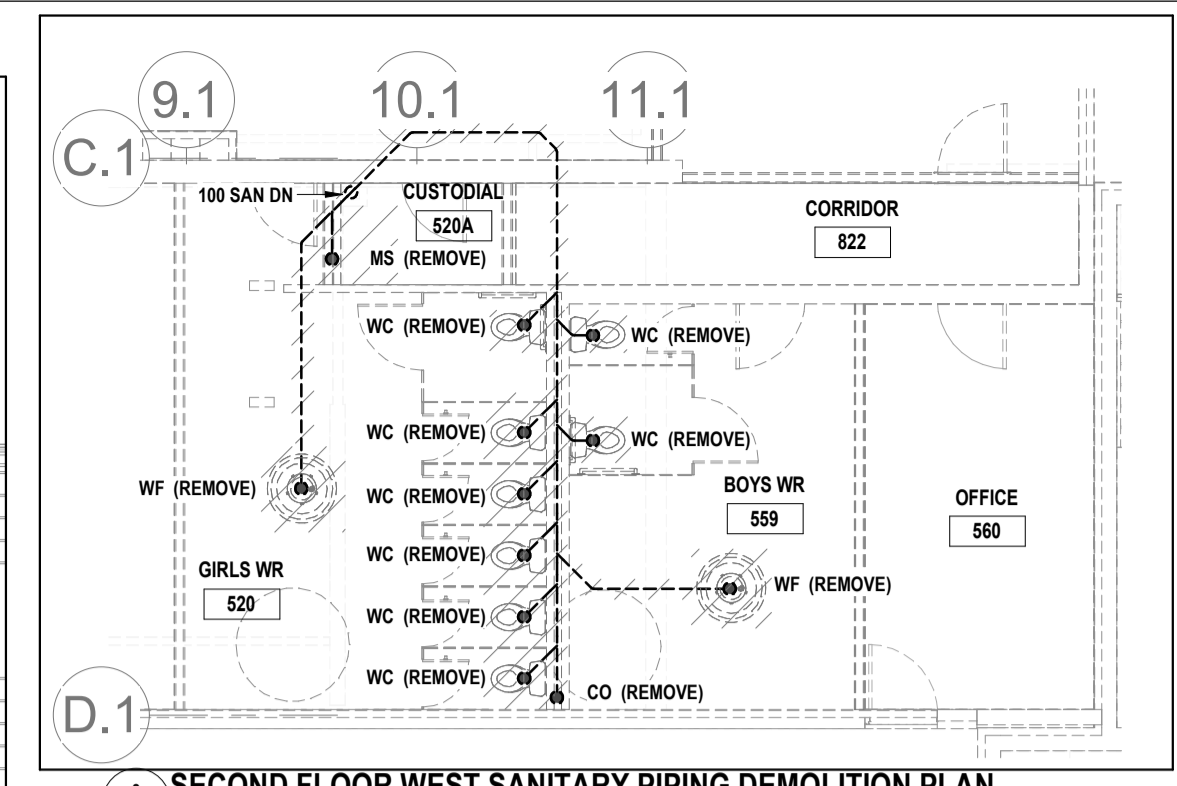


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**M2.2**

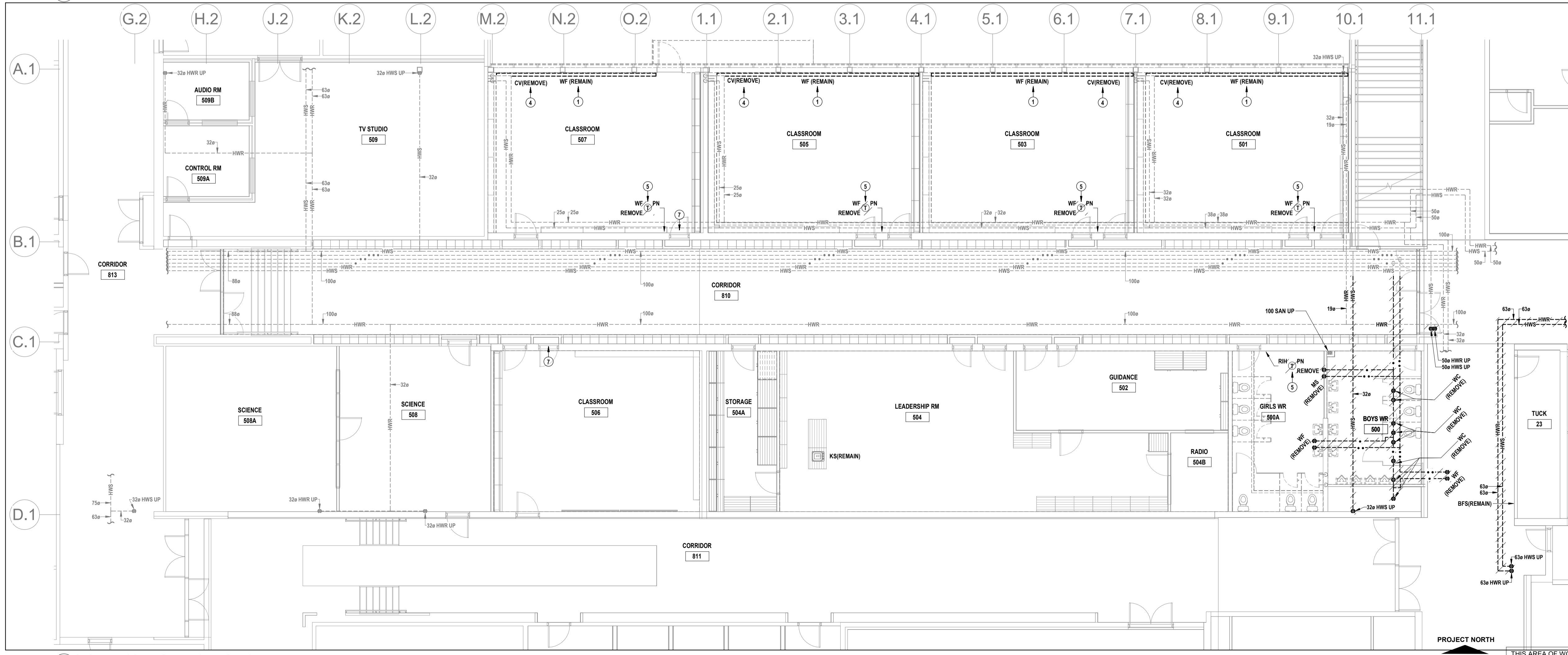


2 SECOND FLOOR WEST DOMESTIC & HEATING WATER PIPING DEMOLITION PLAN  
M2.3 SCALE: 1:100

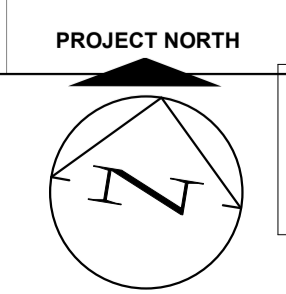


3 SECOND FLOOR WEST SANITARY PIPING DEMOLITION PLAN  
M2.3 SCALE: 1:100

- DRAWING NOTES**
- 1 REMOVE WALL-FIN HEATER ENCLOSURE. ELEMENT TO REMAIN.
  - 2 REMOVE TEMPERATURE SENSOR & TEMPORARILY STORE UNTIL REINSTALLED WITHIN CONSOLE BESIDE CLOSET DOOR (OPPOSITE SIDE FROM MAIN DOOR). REMOVE WIRING AS REQUIRED.
  - 3 TEMPERATURE SENSOR TO BE REPURPOSED FOR VVT ZONE CONTROL.
  - 4 REMOVE WALL-FIN HEATER PNEUMATIC CONTROL VALVE C/W ASSOCIATED VALVING. REMOVE REDUNDANT PNEUMATIC TUBING & CAP AT MAIN.
  - 5 REMOVE PNEUMATIC THERMOSTAT. REMOVE REDUNDANT PNEUMATIC TUBING & CAP AT MAIN.
  - 6 REMOVE TEMPERATURE SENSOR C/W REDUNDANT WIRING.
  - 7 REMOVE REDUNDANT IN-FLOOR HEATING PNEUMATIC CONTROL VALVE C/W ASSOCIATED VALVING & PIPING WITHIN CLOSET. CAP PIPING FLUSH WITH FLOOR. REMOVE REDUNDANT PNEUMATIC TUBING & CAP AT MAIN.



1 GROUND FLOOR WEST PIPING DEMOLITION PLAN  
M2.3 SCALE: 1:100



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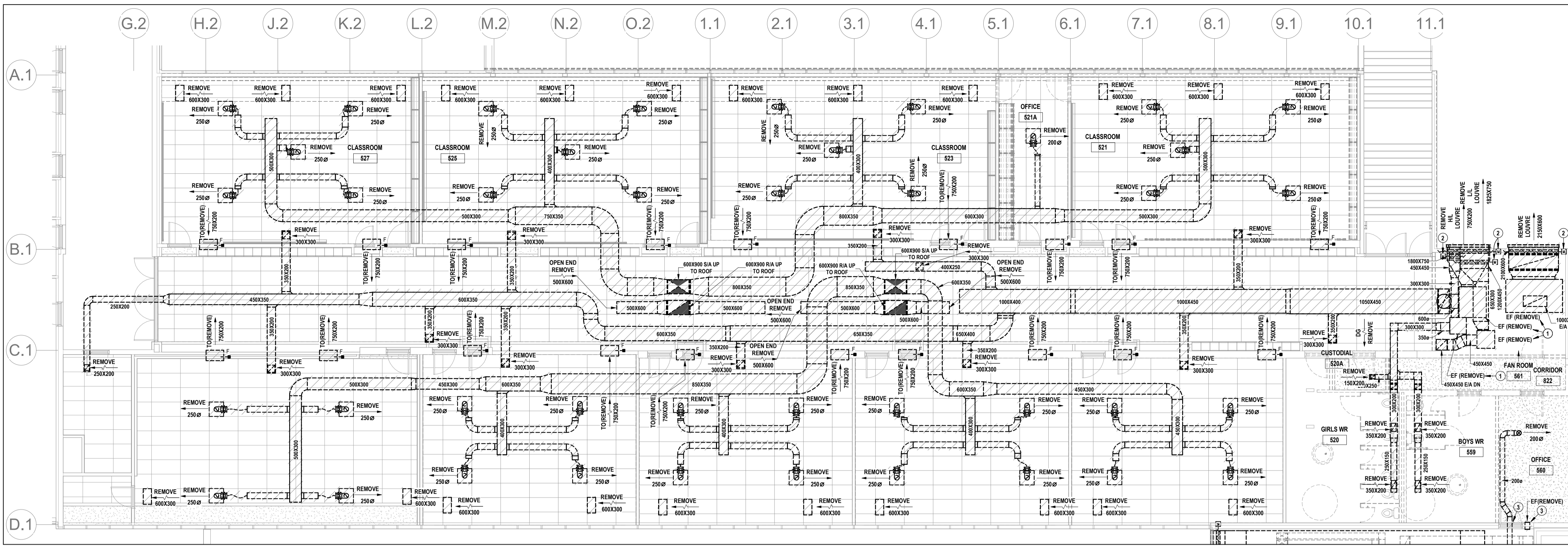


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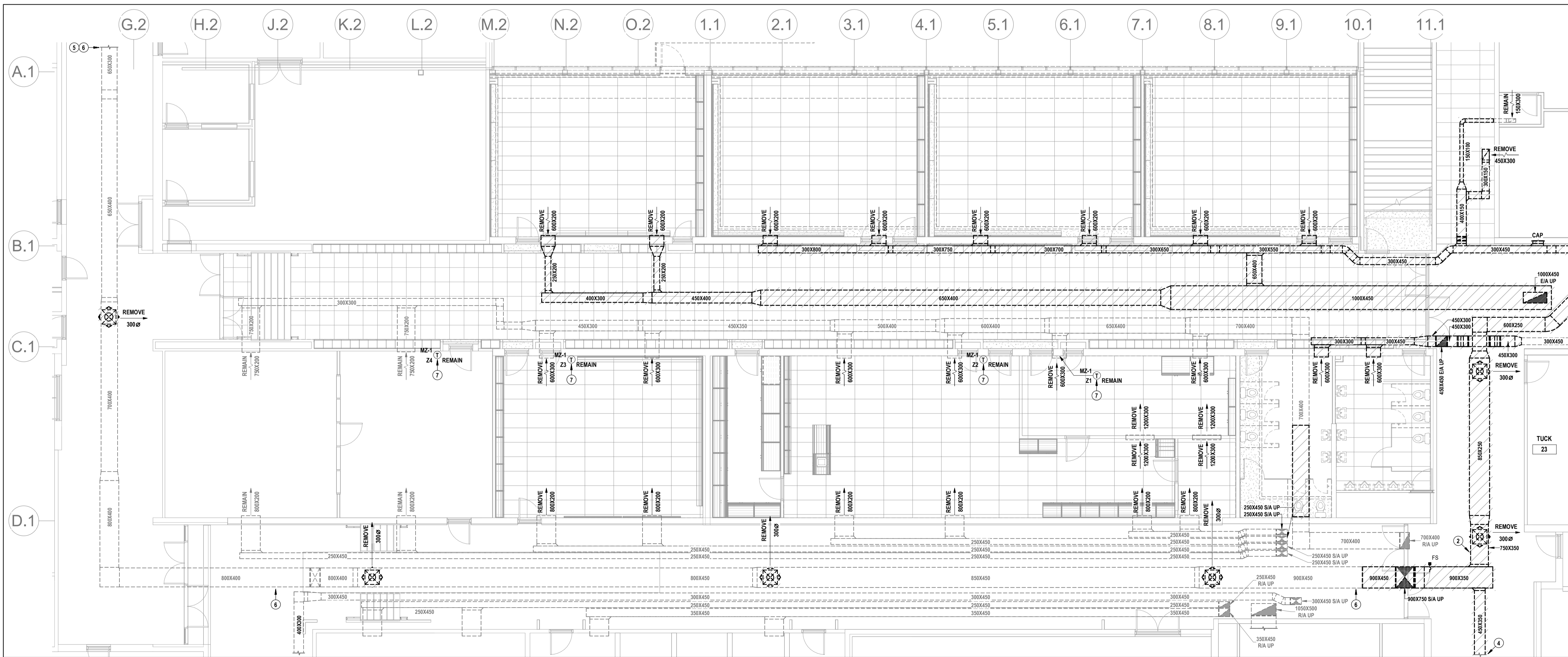


**Waterloo Oxford District Secondary School**  
WINDOW REPLACEMENTS, INTERIOR ALTERATIONS AND HVAC UPGRADES  
**GROUND & SECOND FLOOR WEST PIPING DEMOLITION PLANS**  
1206 Snyder's Rd W., Baden, ON N3A 1A4  
Project No.: 26012  
Drawn By: J.S.S.  
Checked By: K.K.  
ISSUED FOR COORDINATION: 03/13/26  
ISSUED FOR BID: 03/27/26

**M2.3**



2 SECOND FLOOR WEST DUCTWORK DEMOLITION PLAN  
SCALE: 1:100



1 GROUND FLOOR WEST DUCTWORK DEMOLITION PLAN  
SCALE: 1:100

- DRAWING NOTES**
- 1 REMOVE EXHAUST FAN, REMOVE REDUNDANT PNEUMATIC TUBING & CAP AT MAIN.
  - 2 REMOVE PNEUMATIC MOTORIZED DAMPER, REMOVE REDUNDANT PNEUMATIC TUBING & CAP AT MAIN.
  - 3 REMOVE SUPPLY DUCTWORK FROM ADJACENT DUCT SPACE TO DIFFUSER, REMOVE WALL-MOUNTED EXHAUST FAN, CAP SUPPLY DUCTWORK AT MAIN.
  - 4 REMOVE SUPPLY DUCTWORK TO END OF THIS CORRIDOR CW TWO DIFFUSERS (NOT SHOWN).
  - 5 REMOVE TWO DIFFUSERS (NOT SHOWN) FROM SUPPLY DUCTWORK IN THIS CORRIDOR (TECH WING), CAP LOCATIONS WHERE DIFFUSERS WERE REMOVED.
  - 6 SUPPLY DUCTWORK TO END OF THIS CORRIDOR (TECH WING) TO BE ABANDONED, PROVIDE LABELING EVERY 3 METRES FOR ENTIRE LENGTH OF DUCTWORK INDICATING 'ABANDONED DUCTWORK'.
  - 7 REMOVE TEMPERATURE SENSOR & TEMPORARILY STORE UNTIL REINSTALLED WITHIN CONSOLE BESIDE CLOSET DOOR (OPPOSITE SIDE FROM MAIN DOOR), REMOVE WIRING AS REQUIRED.



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WINDOW REPLACEMENTS, INTERIOR ALTERATIONS AND HVAC UPGRADES  
GROUND & SECOND FLOOR WEST DUCTWORK DEMOLITION PLANS

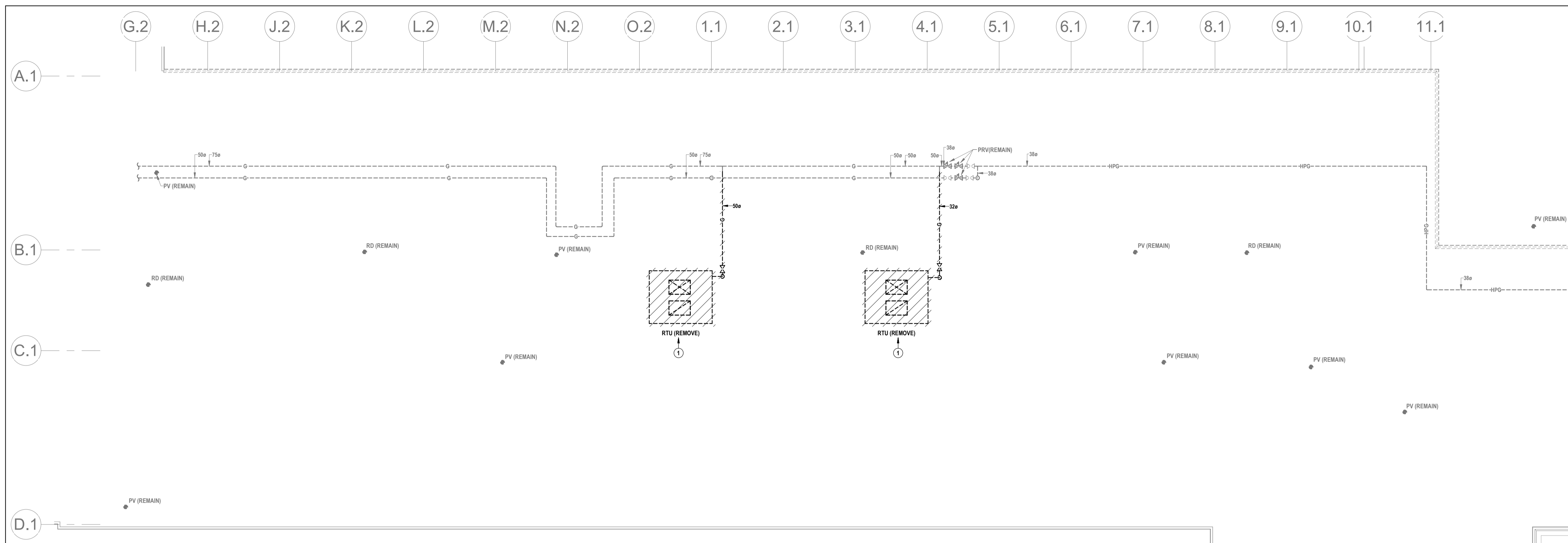
1206 Snyder's Rd W. Baden, ON N3A 1A4  
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Checked By: J.S.S. K.K.  
Drawn By: J.S.S. K.K.

**M2.4**

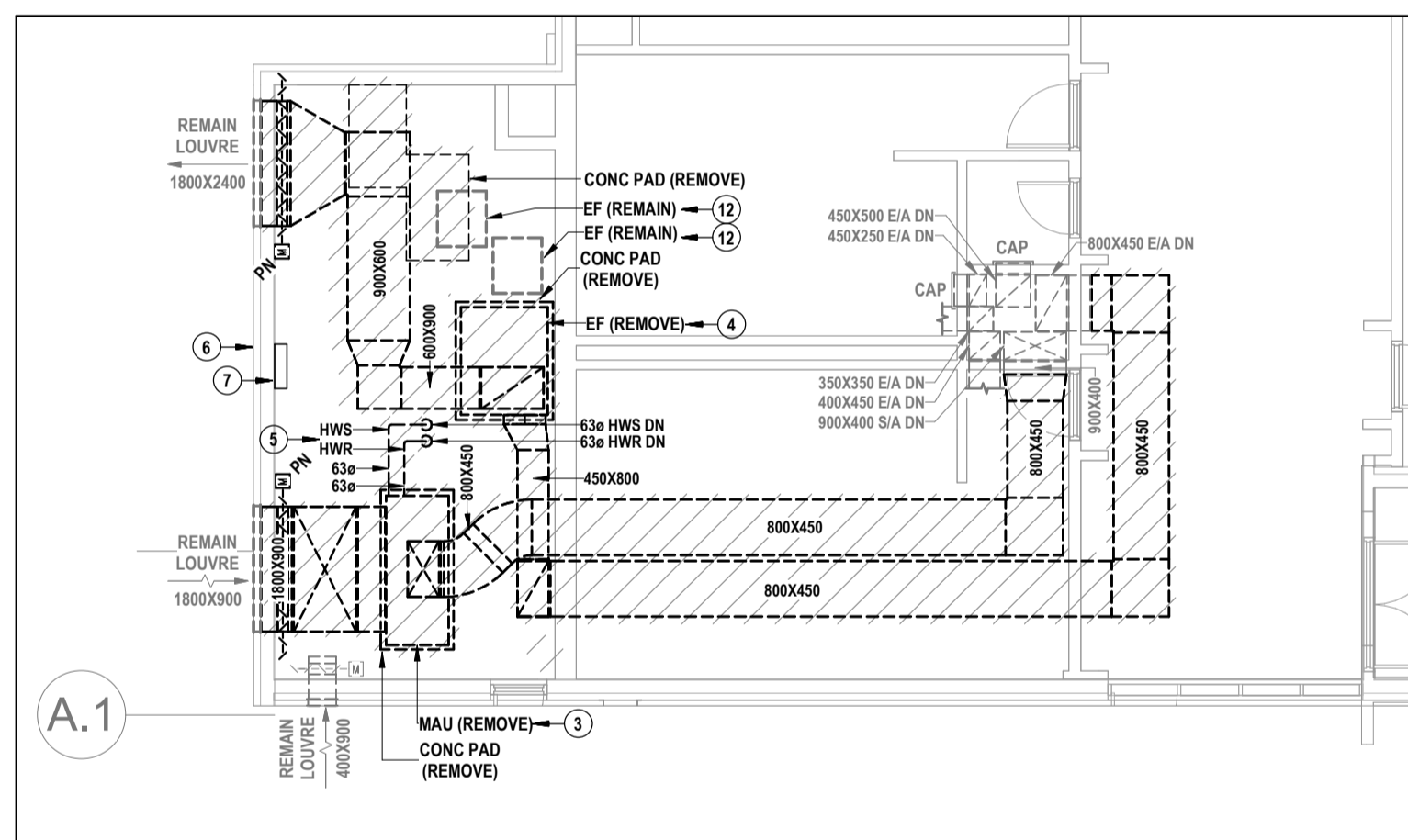
PROJECT NORTH

THIS AREA OF WORK CONTAINS ASBESTOS CONTAINING MATERIALS (ACM). ALL CONTRACTORS SHALL REFER TO THE ASBESTOS AUDIT AND SECTION 01 35 43, HAZARDOUS MATERIALS FOR APPROPRIATE PROTOCOLS THAT MUST BE FOLLOWED, REGARDLESS OF ABATEMENT OPERATIONS BEING CONDUCTED OR NOT.

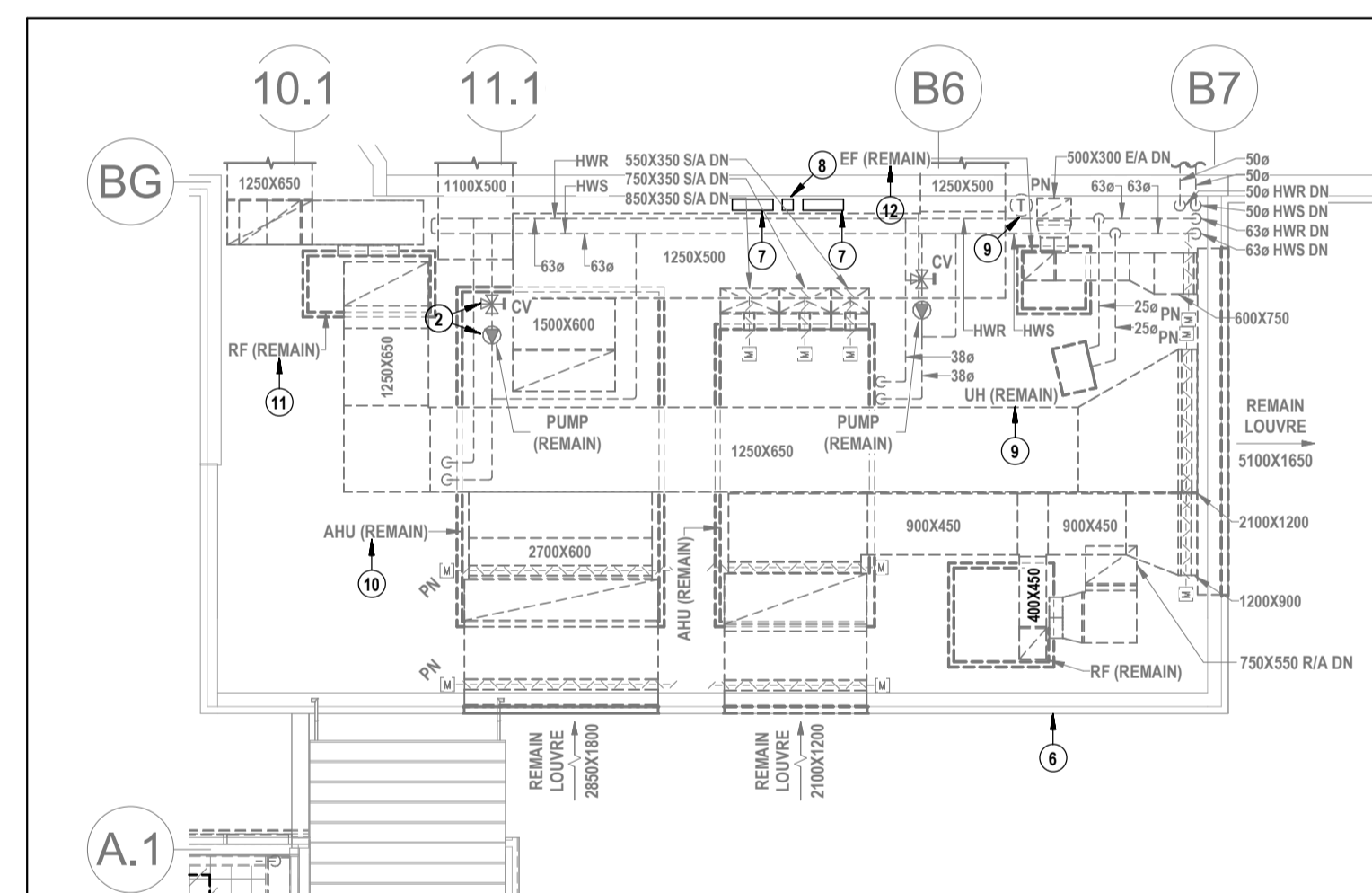




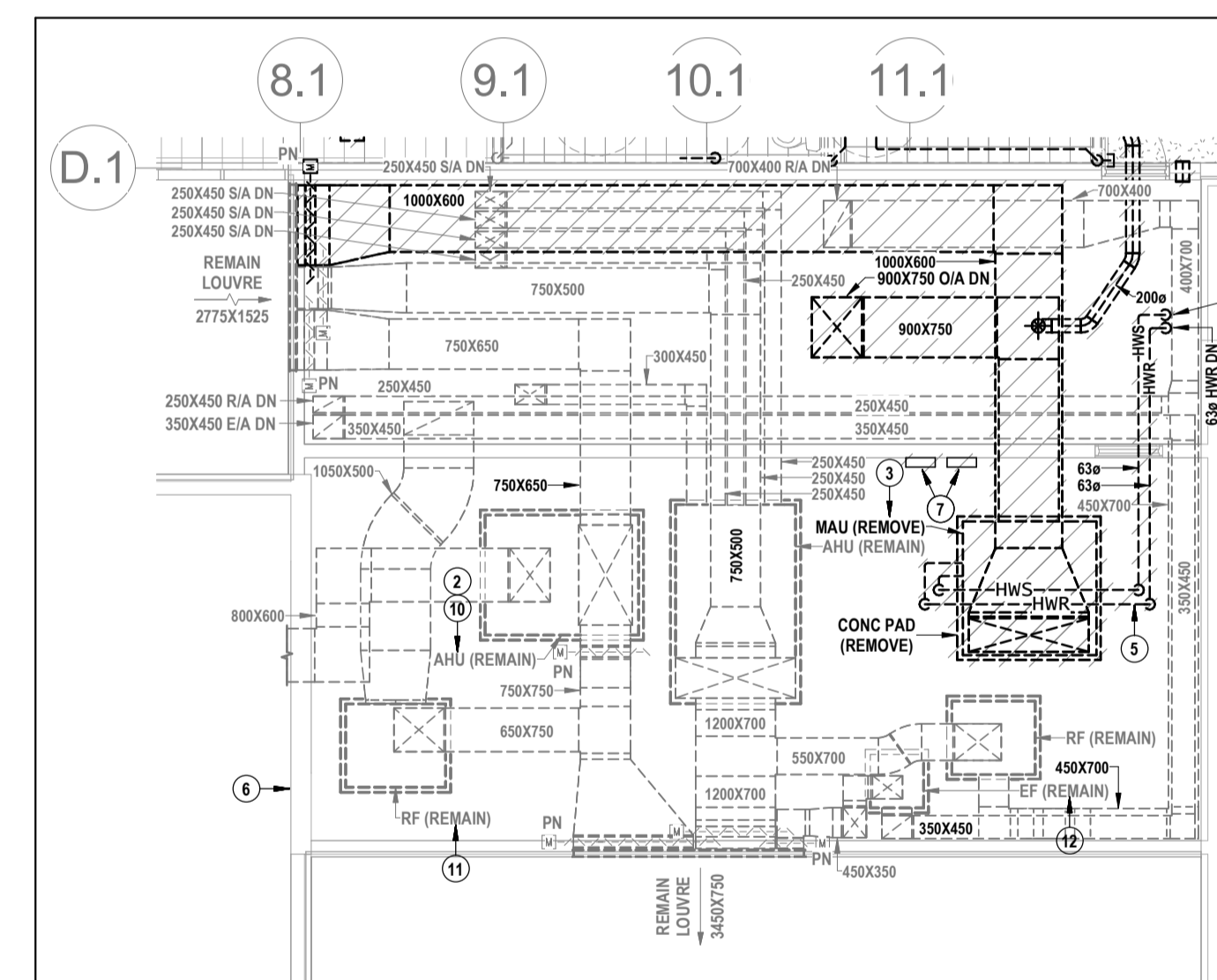
1 ROOF WEST MECHANICAL DEMOLITION PLAN  
M2.6 SCALE: 1:100



2 MECH ROOM 120A MECHANICAL DEMOLITION PLAN  
M2.6 SCALE: 1:100



3 MECH ROOM 550 MECHANICAL DEMOLITION PLAN  
M2.6 SCALE: 1:100



4 MECH ROOM 557/558 MECHANICAL DEMOLITION PLAN  
M2.6 SCALE: 1:100

- DRAWING NOTES**
- 1 REMOVE ROOFTOP UNIT C/W DUCTWORK, CURB, CONTROLS, WIRING, GAS PIPING, ETC.
  - 2 REMOVE HEATING WATER PNEUMATIC CONTROLS (INCLUDING FOR PUMP) C/W CONTROL VALVE, SENSORS, WIRING, ETC. REMOVE REDUNDANT PNEUMATIC TUBING & CAP AT MAIN.
  - 3 REMOVE MAKE-UP AIR UNIT C/W DUCTWORK, PNEUMATIC MOTORIZED DAMPER, CONTROLS, SENSORS, WIRING, ETC. LOUVRE TO REMAIN, REMOVE REDUNDANT PNEUMATIC TUBING & CAP AT MAIN.
  - 4 REMOVE EXHAUST FAN C/W DUCTWORK, PNEUMATIC MOTORIZED DAMPER, CONTROLS, SENSORS, WIRING, ETC. LOUVRE TO REMAIN, REMOVE REDUNDANT PNEUMATIC TUBING & CAP AT MAIN.
  - 5 REMOVE HEATING WATER PIPING C/W PUMP, PNEUMATIC CONTROL VALVE, CONTROLS, SENSORS, WIRING, ETC. REMOVE REDUNDANT PNEUMATIC TUBING & CAP AT MAIN.
  - 6 REMOVE ALL PNEUMATIC CONTROLS IN THIS SPACE, REMOVE ALL REDUNDANT TUBING & CAP AT MAIN.
  - 7 REMOVE PNEUMATIC CONTROL ENCLOSURE, REMOVE REDUNDANT PNEUMATIC TUBING & CAP AT MAIN.
  - 8 REMOVE TIME CLOCK C/W WIRING, ETC.
  - 9 REMOVE UNIT HEATER PNEUMATIC CONTROLS C/W SENSORS, ETC. REMOVE REDUNDANT PNEUMATIC TUBING & CAP AT MAIN.
  - 10 REMOVE AIR HANDLING UNIT PNEUMATIC CONTROLS C/W ACTUATORS, SENSORS, WIRING, ETC. AIR HANDLING UNIT TO REMAIN, REMOVE REDUNDANT PNEUMATIC TUBING & CAP AT MAIN.
  - 11 REMOVE RETURN FAN PNEUMATIC CONTROLS C/W ACTUATORS, SENSORS, WIRING, ETC. FAN TO REMAIN, REMOVE REDUNDANT PNEUMATIC TUBING & CAP AT MAIN.
  - 12 REMOVE EXHAUST FAN PNEUMATIC CONTROLS C/W ACTUATORS, SENSORS, WIRING, ETC. FAN TO REMAIN, REMOVE REDUNDANT PNEUMATIC TUBING & CAP AT MAIN.



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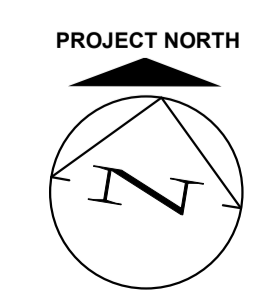
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K.K.



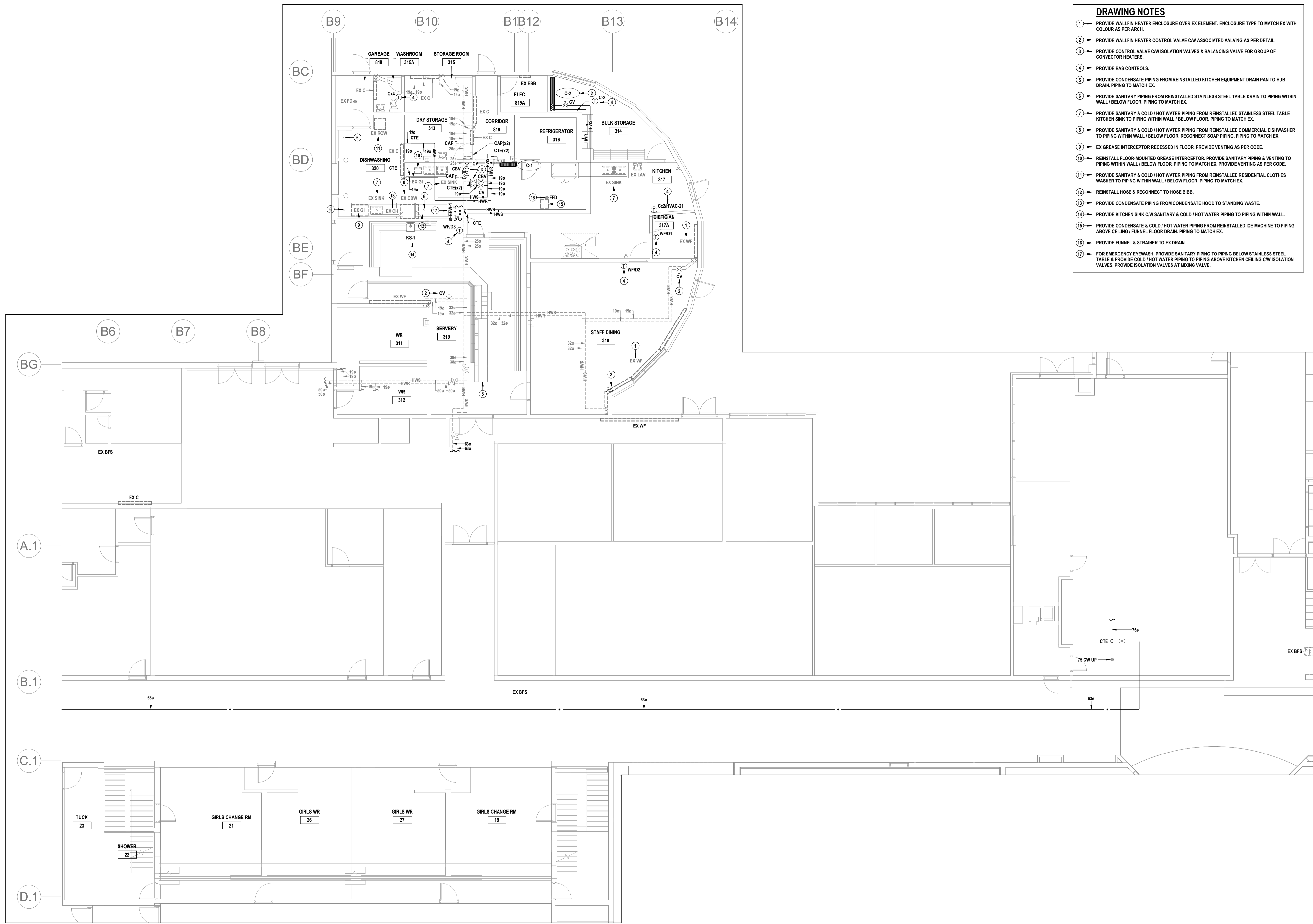
**Waterloo Oxford District Secondary School**  
WINDOW REPLACEMENTS, INTERIOR ALTERATIONS AND HVAC UPGRADES  
ROOF WEST & MECH ROOMS MECHANICAL DEMOLITION PLANS

1206 Snyder's Rd W. Baden, ON N3A 1A4  
Project No.: 26012  
Checked By: K.K.  
Drawn By: J.S.S.



THIS AREA OF WORK CONTAINS ASBESTOS CONTAINING MATERIALS (ACM). ALL CONTRACTORS SHALL REFER TO THE ASBESTOS AUDIT AND SECTION 01 35 43, HAZARDOUS MATERIALS FOR APPROPRIATE PROTOCOLS THAT MUST BE FOLLOWED, REGARDLESS OF ABATEMENT OPERATIONS BEING CONDUCTED OR NOT.

**M2.6**



- DRAWING NOTES**
1. PROVIDE WALL/FIN HEATER ENCLOSURE OVER EX ELEMENT. ENCLOSURE TYPE TO MATCH EX WITH COLOUR AS PER ARCH.
  2. PROVIDE WALL/FIN HEATER CONTROL VALVE CW ASSOCIATED VALVING AS PER DETAIL.
  3. PROVIDE CONTROL VALVE CW ISOLATION VALVES & BALANCING VALVE FOR GROUP OF CONVECTOR HEATERS.
  4. PROVIDE BAS CONTROLS.
  5. PROVIDE CONDENSATE PIPING FROM REINSTALLED KITCHEN EQUIPMENT DRAIN PAN TO HUB DRAIN. PIPING TO MATCH EX.
  6. PROVIDE SANITARY PIPING FROM REINSTALLED STAINLESS STEEL TABLE DRAIN TO PIPING WITHIN WALL / BELOW FLOOR. PIPING TO MATCH EX.
  7. PROVIDE SANITARY & COLD / HOT WATER PIPING FROM REINSTALLED STAINLESS STEEL TABLE KITCHEN SINK TO PIPING WITHIN WALL / BELOW FLOOR. PIPING TO MATCH EX.
  8. PROVIDE SANITARY & COLD / HOT WATER PIPING FROM REINSTALLED COMMERCIAL DISHWASHER TO PIPING WITHIN WALL / BELOW FLOOR. RECONNECT SOAP PIPING. PIPING TO MATCH EX.
  9. EX GREASE INTERCEPTOR RECESSED IN FLOOR. PROVIDE VENTING AS PER CODE.
  10. REINSTALL FLOOR-MOUNTED GREASE INTERCEPTOR. PROVIDE SANITARY PIPING & VENTING TO PIPING WITHIN WALL / BELOW FLOOR. PIPING TO MATCH EX. PROVIDE VENTING AS PER CODE.
  11. PROVIDE SANITARY & COLD / HOT WATER PIPING FROM REINSTALLED RESIDENTIAL CLOTHES WASHER TO PIPING WITHIN WALL / BELOW FLOOR. PIPING TO MATCH EX.
  12. REINSTALL HOSE & RECONNECT TO HOSE BIBB.
  13. PROVIDE CONDENSATE PIPING FROM CONDENSATE HOOD TO STANDING WASTE.
  14. PROVIDE KITCHEN SINK CW SANITARY & COLD / HOT WATER PIPING TO PIPING WITHIN WALL.
  15. PROVIDE CONDENSATE & COLD / HOT WATER PIPING FROM REINSTALLED ICE MACHINE TO PIPING ABOVE CEILING / FINNEL FLOOR DRAIN. PIPING TO MATCH EX.
  16. PROVIDE FUNNEL & STRAINER TO EX DRAIN.
  17. FOR EMERGENCY EYEWASH, PROVIDE SANITARY PIPING TO PIPING BELOW STAINLESS STEEL TABLE & PROVIDE COLD / HOT WATER PIPING TO PIPING ABOVE KITCHEN CEILING CW ISOLATION VALVES. PROVIDE ISOLATION VALVES AT MIXING VALVE.

1 GROUND FLOOR EAST PIPING RENOVATION PLAN  
SCALE: 1:100



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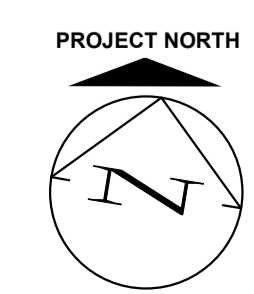
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**Waterloo Oxford District Secondary School**  
WINDOW REPLACEMENTS, INTERIOR ALTERATIONS AND HVAC UPGRADES

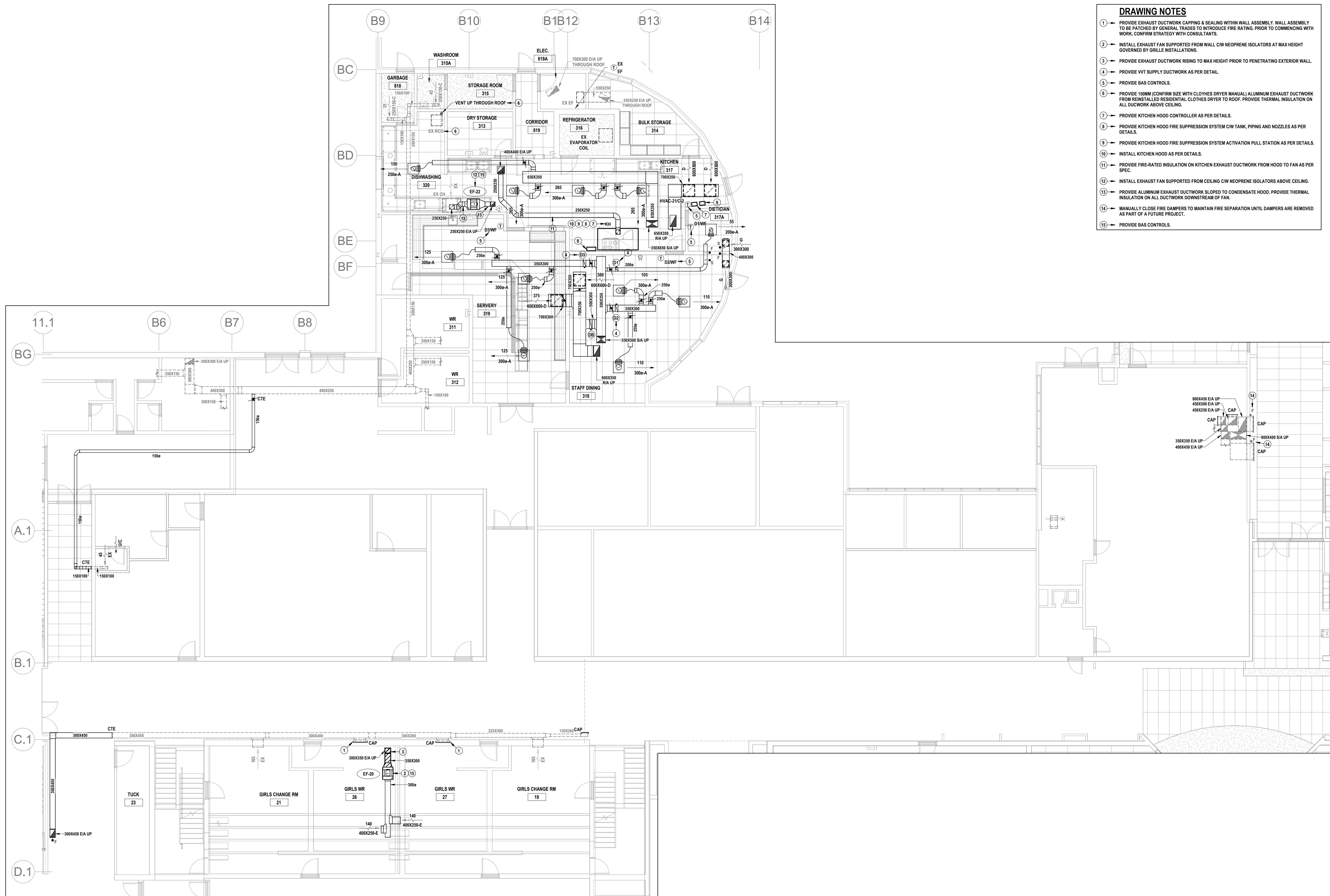
1206 Snyder's Rd W. Baden, ON N3A 1A4  
Project No.: 26012  
Drawn By: J.S.S.  
Checked By: K.K.

**GROUND FLOOR EAST PIPING RENOVATION PLAN**

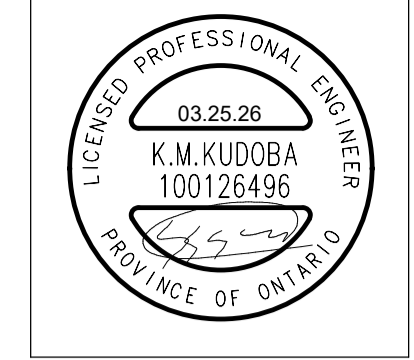


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**M3.1**



- DRAWING NOTES**
1. PROVIDE EXHAUST DUCTWORK CAPPING & SEALING WITHIN WALL ASSEMBLY. WALL ASSEMBLY TO BE PATCHED BY GENERAL TRADES TO INTRODUCE FIRE RATING. PRIOR TO COMMENCING WITH WORK, CONFIRM STRATEGY WITH CONSULTANTS.
  2. INSTALL EXHAUST FAN SUPPORTED FROM WALL CW NEOPRENE ISOLATORS AT MAX HEIGHT GOVERNED BY GRILLE INSTALLATIONS.
  3. PROVIDE EXHAUST DUCTWORK RISING TO MAX HEIGHT PRIOR TO PENETRATING EXTERIOR WALL.
  4. PROVIDE VVT SUPPLY DUCTWORK AS PER DETAIL.
  5. PROVIDE BAS CONTROLS.
  6. PROVIDE 150MM (CONFIRM SIZE WITH CLOTHES DRYER MANUAL) ALUMINUM EXHAUST DUCTWORK FROM REINSTALLED RESIDENTIAL CLOTHES DRYER TO ROOF. PROVIDE THERMAL INSULATION ON ALL DUCTWORK ABOVE CEILING.
  7. PROVIDE KITCHEN HOOD CONTROLLER AS PER DETAILS.
  8. PROVIDE KITCHEN HOOD FIRE SUPPRESSION SYSTEM CW TANK, PIPING AND NOZZLES AS PER DETAILS.
  9. PROVIDE KITCHEN HOOD FIRE SUPPRESSION SYSTEM ACTIVATION PULL STATION AS PER DETAILS.
  10. INSTALL KITCHEN HOOD AS PER DETAILS.
  11. PROVIDE FIRE-RATED INSULATION ON KITCHEN EXHAUST DUCTWORK FROM HOOD TO FAN AS PER SPEC.
  12. INSTALL EXHAUST FAN SUPPORTED FROM CEILING CW NEOPRENE ISOLATORS ABOVE CEILING.
  13. PROVIDE ALUMINUM EXHAUST DUCTWORK SLOPED TO CONDENSATE HOOD. PROVIDE THERMAL INSULATION ON ALL DUCTWORK DOWNSTREAM OF FAN.
  14. MANUALLY CLOSE FIRE DAMPERS TO MAINTAIN FIRE SEPARATION UNTIL DAMPERS ARE REMOVED AS PART OF A FUTURE PROJECT.
  15. PROVIDE BAS CONTROLS.



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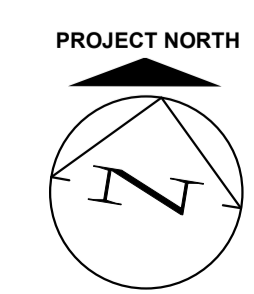
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**Waterloo Oxford District Secondary School**  
 WINDOW REPLACEMENTS, INTERIOR ALTERATIONS AND HVAC UPGRADES  
**GROUND FLOOR EAST DUCTWORK RENOVATION PLAN**

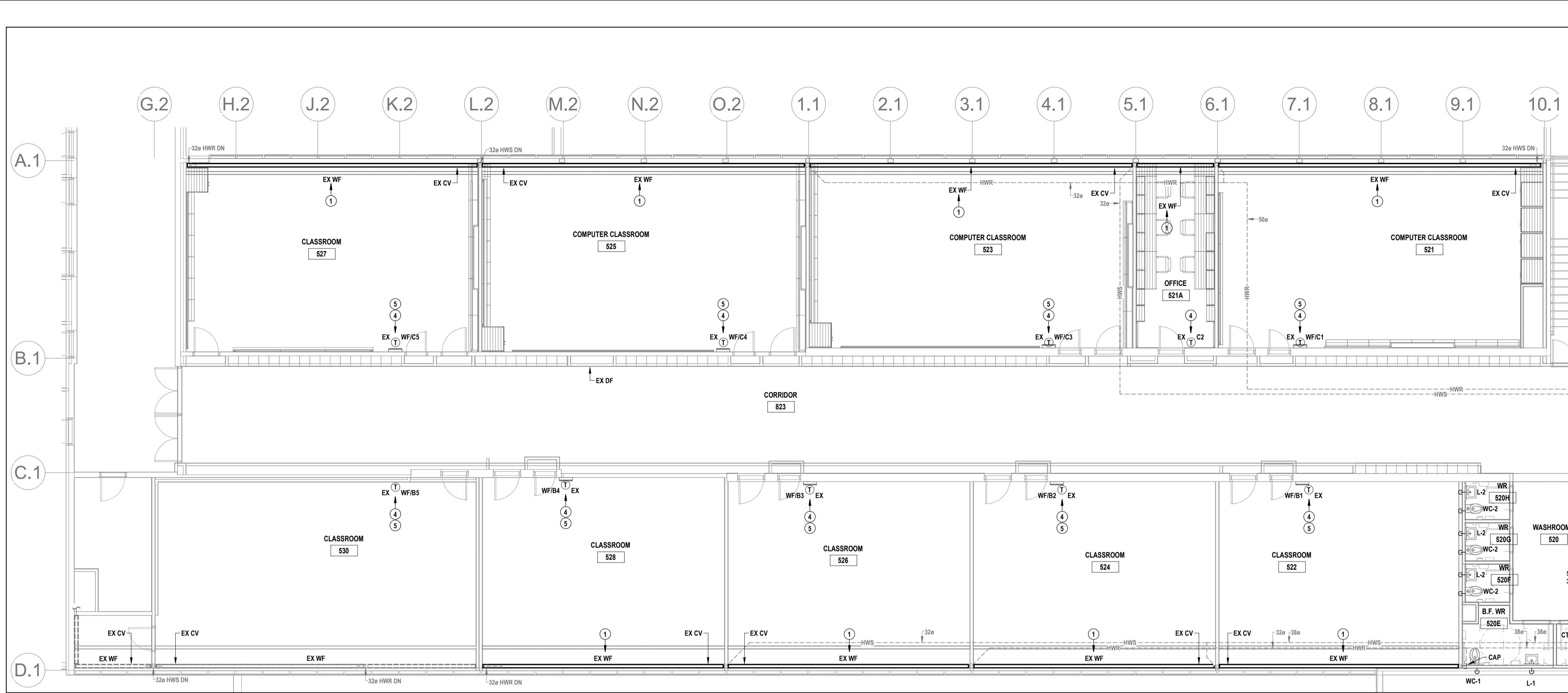
1206 Snyder's Rd W, Baden, ON N3A 1A4  
 Project No.: 26012  
 Drawn By: J.S.S.  
 Checked By: K.K.

1 GROUND FLOOR EAST DUCTWORK RENOVATION PLAN  
 M3.2 SCALE: 1:100

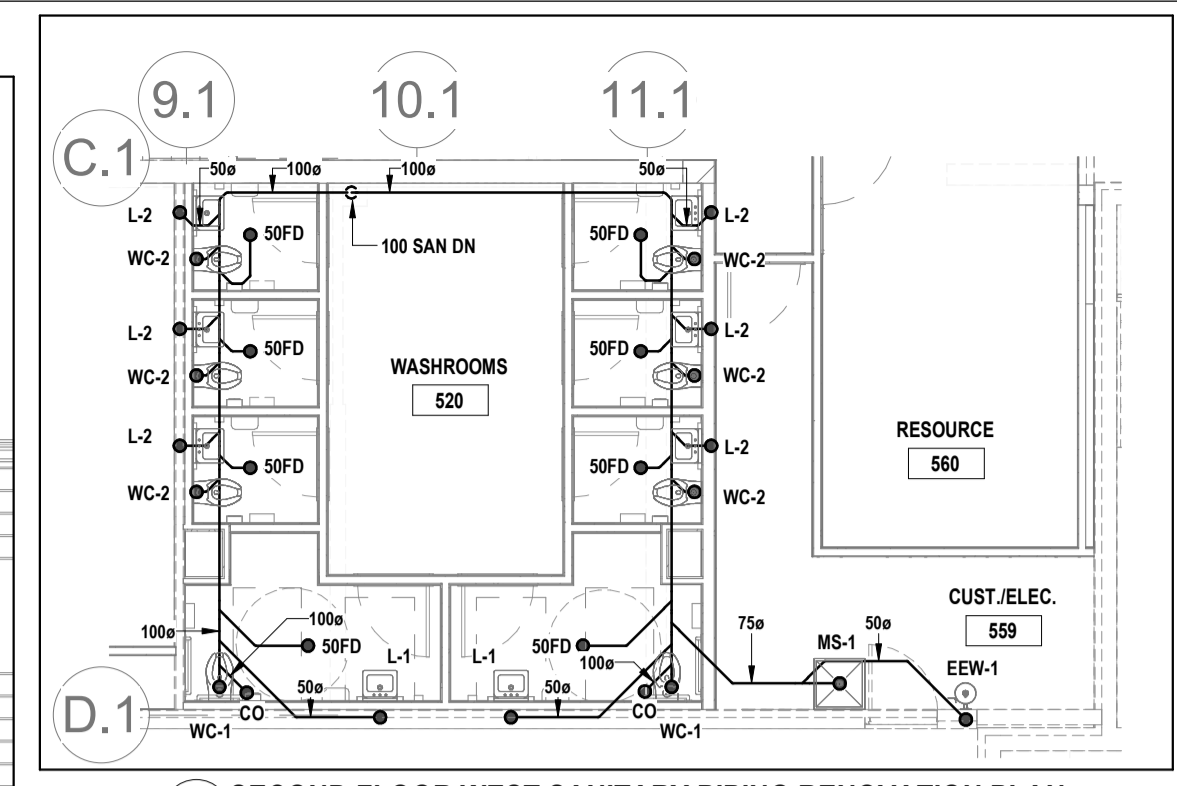


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**M3.2**

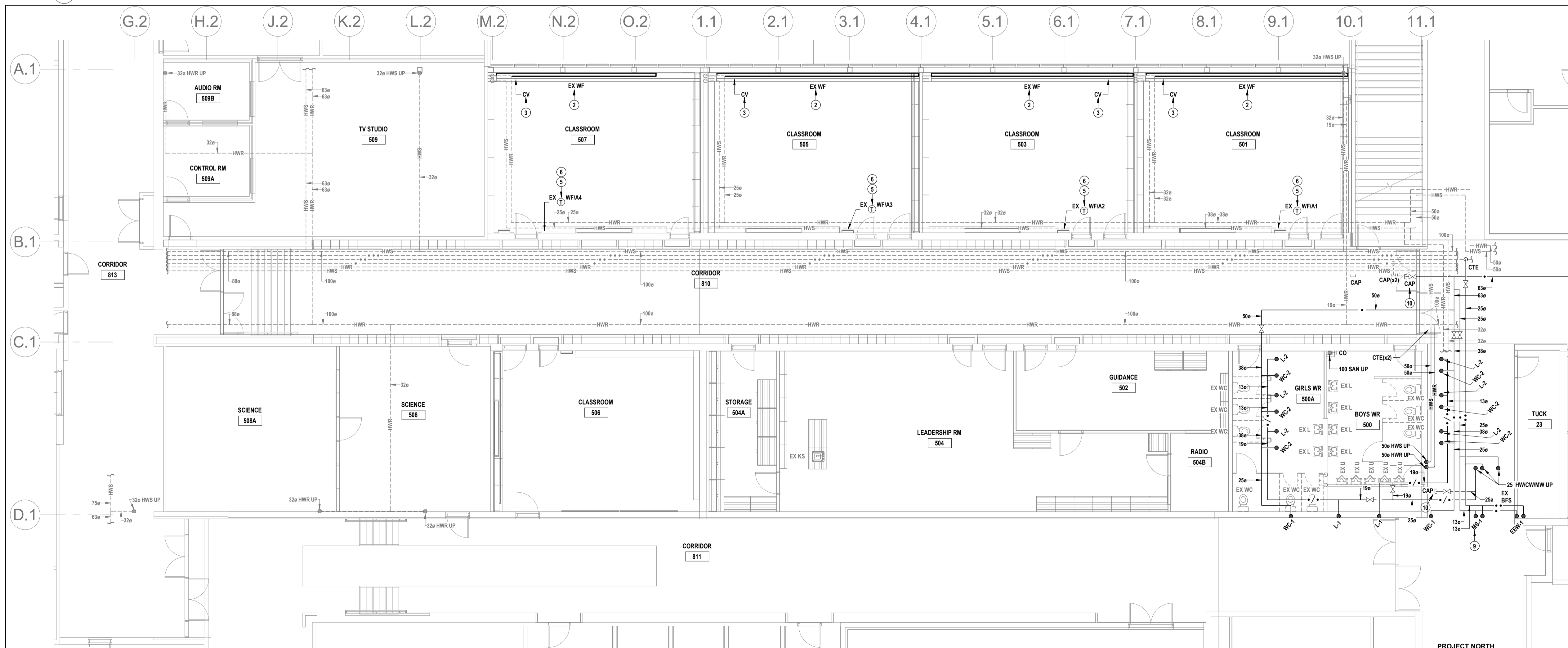


2 SECOND FLOOR WEST DOMESTIC & HEATING WATER PIPING RENOVATION PLAN  
M3.3 SCALE: 1:100

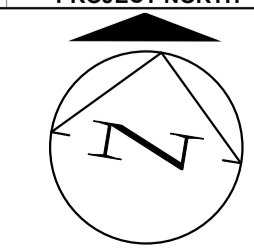


3 SECOND FLOOR WEST SANITARY PIPING RENOVATION PLAN  
M3.3 SCALE: 1:100

- DRAWING NOTES**
- 1 PROVIDE WALLFIN HEATER ENCLOSURE OVER EX ELEMENT. ENCLOSURE TYPE TO MATCH EX WITH COLOUR AS PER ARCH.
  - 2 PROVIDE WALLFIN HEATER ENCLOSURE OVER EX ELEMENT. ENCLOSURE TYPE TO MATCH EX SECOND FLOOR WITH COLOUR AS PER ARCH.
  - 3 PROVIDE WALLFIN HEATER CONTROL VALVE CW ASSOCIATED VALVING AS PER DETAIL.
  - 4 REVISE BAS CONTROLS TO INCLUDE VWT ZONE CONTROL.
  - 5 REINSTALL TEMPORARILY STORED TEMPERATURE SENSOR WITHIN CONSOLE BESIDE CLOSET DOOR (OPPOSITE SIDE FROM MAIN DOOR). PROVIDE WIRING AS REQUIRED. COORDINATE WITH ARCH PRIOR TO COMMENCING WORK.
  - 6 PROVIDE BAS CONTROLS.
  - 7 PROVIDE ISOLATION VALVES AT MIXING VALVE.
  - 8 PROVIDE ISOLATION VALVES AT EMERGENCY EYEWASH MIXING VALVE.
  - 9 PROVIDE ISOLATION VALVES FOR MOP SINK.
  - 10 PROVIDE CAP FOR FUTURE CONNECTION.
  - 11 INSTALL RADIANT CEILING PANEL HEATER AS PER DETAIL.
  - 12 PROVIDE RADIANT PANEL HEATER CONTROL VALVE CW ASSOCIATED VALVING AS PER DETAIL.



1 GROUND FLOOR WEST PIPING RENOVATION PLAN  
M3.3 SCALE: 1:100



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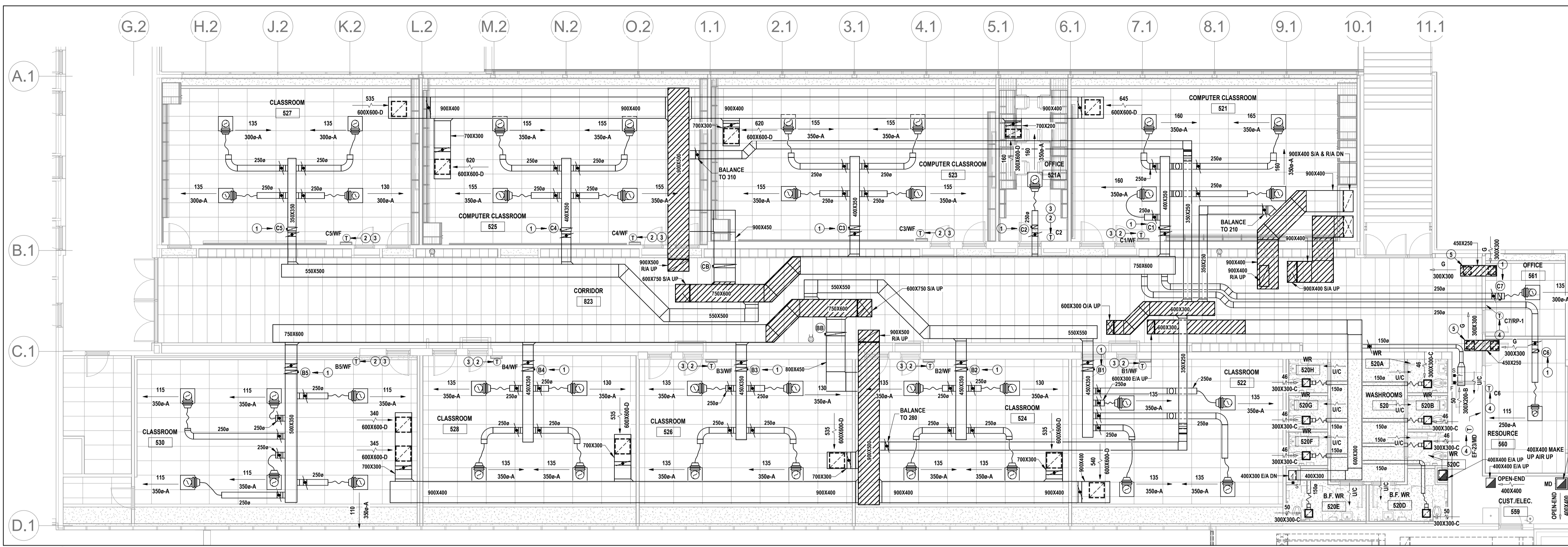


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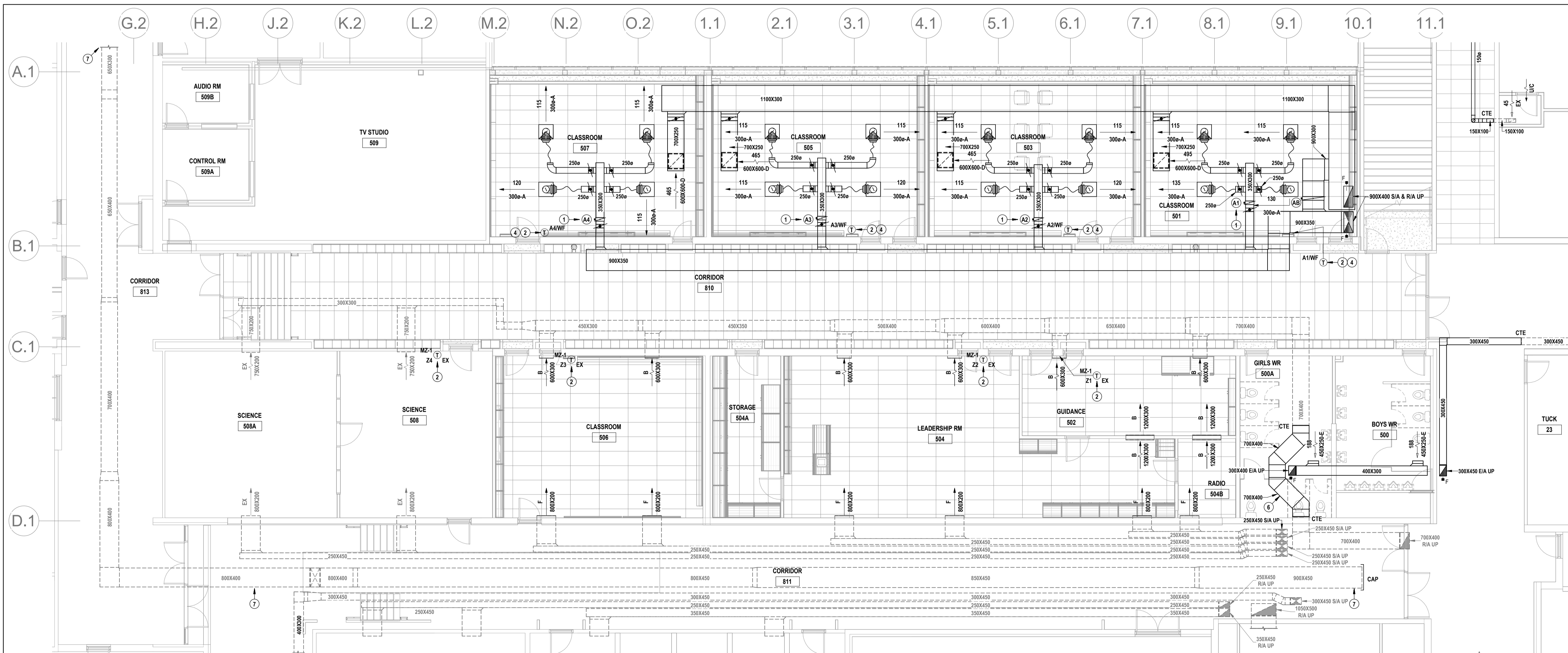
**Waterloo Oxford District Secondary School**  
WINDOW REPLACEMENTS, INTERIOR ALTERATIONS AND HVAC UPGRADES  
**GROUND & SECOND FLOOR WEST PIPING RENOVATION PLANS**  
1206 Snyder's Rd W. Baden, ON N3A 1A4  
Project No.: 26012  
Checked By: K.K.  
Drawn By: J.S.S.  
ISSUED FOR COORDINATION: 03.13.26  
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**M3.3**



2 SECOND FLOOR WEST DUCTWORK RENOVATION PLAN  
M3.4 SCALE: 1:100

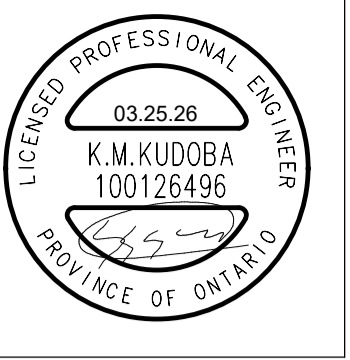
- DRAWING NOTES**
- 1 PROVIDE VVT SUPPLY DUCTWORK AS PER DETAIL.
  - 2 REINSTALL TEMPORARILY STORED TEMPERATURE SENSOR WITHIN CONSOLE BESIDE CLOSET DOOR (OPPOSITE SIDE FROM MAIN DOOR). PROVIDE WIRING AS REQUIRED. COORDINATE WITH ARCH PRIOR TO COMMENCING WORK.
  - 3 REVISE BAS CONTROLS TO INCLUDE VVT ZONE CONTROL.
  - 4 PROVIDE BAS CONTROLS.
  - 5 PROVIDE TRANSFER DUCT AS PER DETAIL.
  - 6 REROUTE RETURN DUCTWORK AS REQUIRED TO SUIT EXHAUST DUTWORK FLOOR PENETRATION.
  - 7 SUPPLY DUCTWORK TO END OF THIS CORRIDOR (TECH WING) TO BE ABANDONED. PROVIDE LABELLING EVERY 3 METRES FOR ENTIRE LENGTH OF DUCTWORK INDICATING 'ABANDONED DUCTWORK'.



1 GROUND FLOOR WEST DUCTWORK RENOVATION PLAN  
M3.4 SCALE: 1:100

PROJECT NORTH

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K.K.



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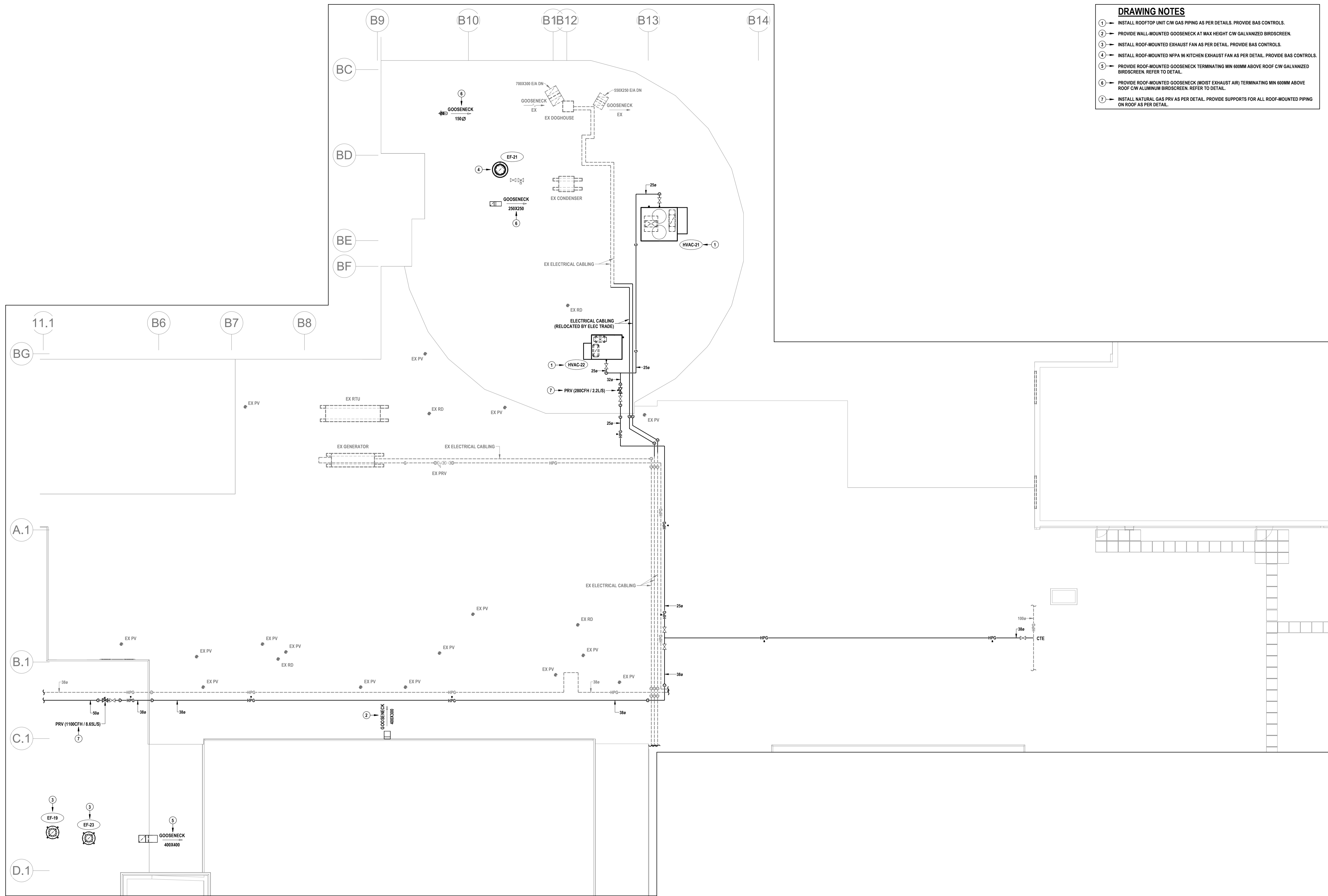
WINDOW REPLACEMENTS, INTERIOR ALTERATIONS AND HVAC UPGRADES

1206 Snyder's Rd W. Baden, ON N3A 1A4

Project No.: 26012  
Checked By: J.S.S.  
Drawn By: K.K.

**GROUND & SECOND FLOOR WEST DUCTWORK RENOVATION PLANS**

M3.4



- DRAWING NOTES**
- INSTALL ROOFTOP UNIT CW GAS PIPING AS PER DETAILS. PROVIDE BAS CONTROLS.
  - PROVIDE WALL-MOUNTED GOOSENECK AT MAX HEIGHT CW GALVANIZED BIRDSCREEN.
  - INSTALL ROOF-MOUNTED EXHAUST FAN AS PER DETAIL. PROVIDE BAS CONTROLS.
  - INSTALL ROOF-MOUNTED NFPA 96 KITCHEN EXHAUST FAN AS PER DETAIL. PROVIDE BAS CONTROLS.
  - PROVIDE ROOF-MOUNTED GOOSENECK TERMINATING MIN 600MM ABOVE ROOF C/W GALVANIZED BIRDSCREEN. REFER TO DETAIL.
  - PROVIDE ROOF-MOUNTED GOOSENECK (MOIST EXHAUST AIR) TERMINATING MIN 600MM ABOVE ROOF C/W ALUMINUM BIRDSCREEN. REFER TO DETAIL.
  - INSTALL NATURAL GAS PRV AS PER DETAIL. PROVIDE SUPPORTS FOR ALL ROOF-MOUNTED PIPING ON ROOF AS PER DETAIL.

1 ROOF EAST MECHANICAL RENOVATION PLAN  
M3.5 SCALE: 1:100



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WINDOW REPLACEMENTS, INTERIOR ALTERATIONS AND HVAC UPGRADES

ROOF EAST MECHANICAL RENOVATION PLAN

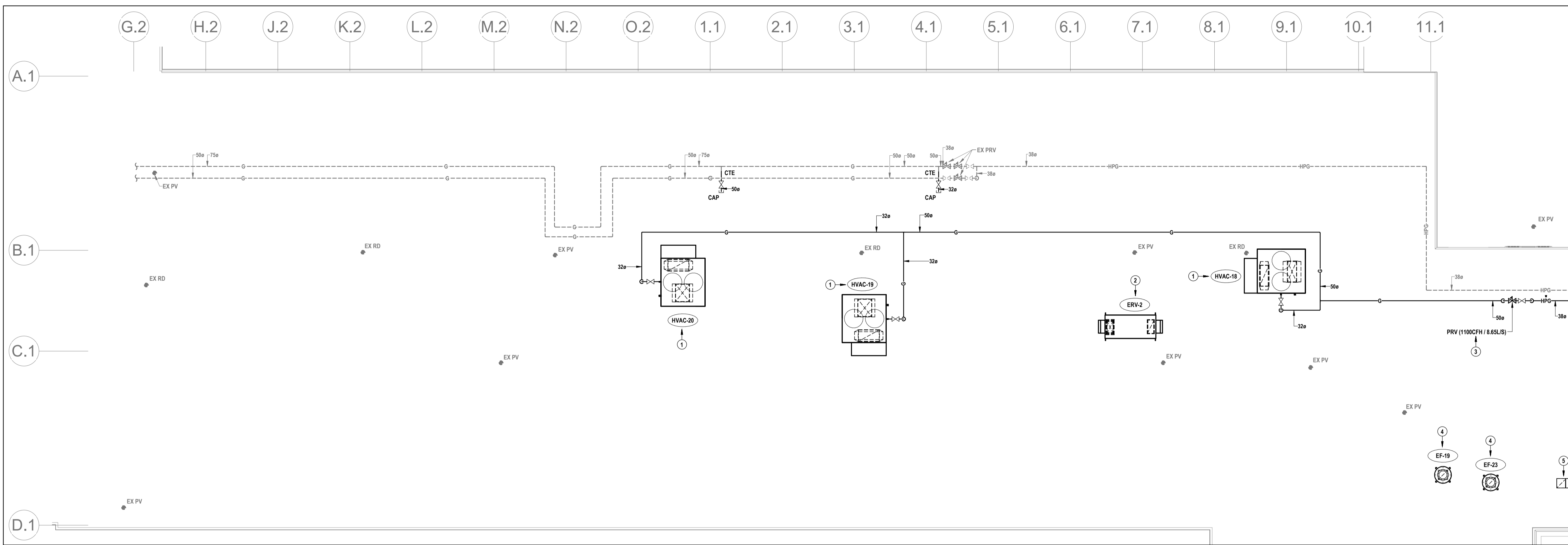
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Project No.: 26012

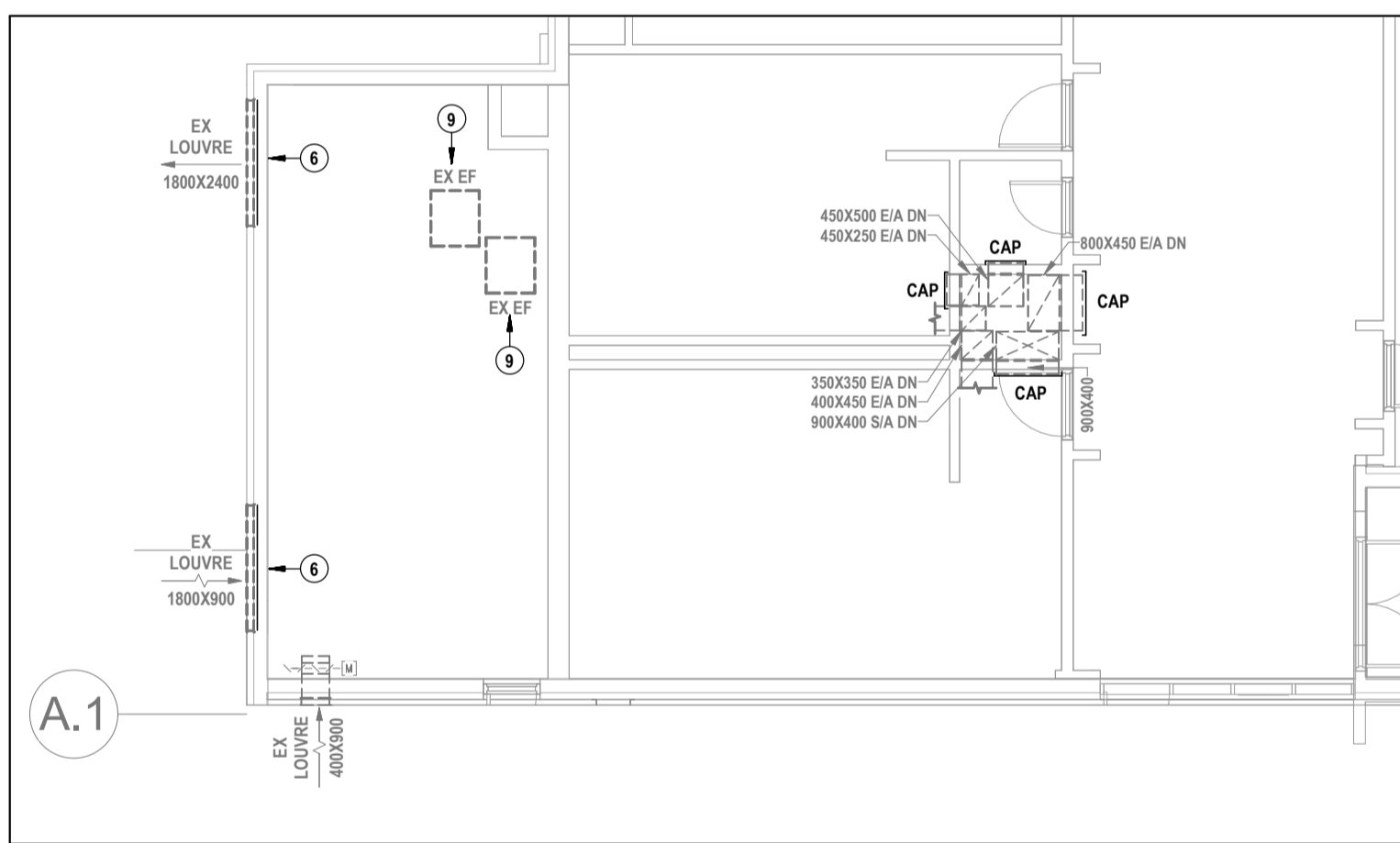
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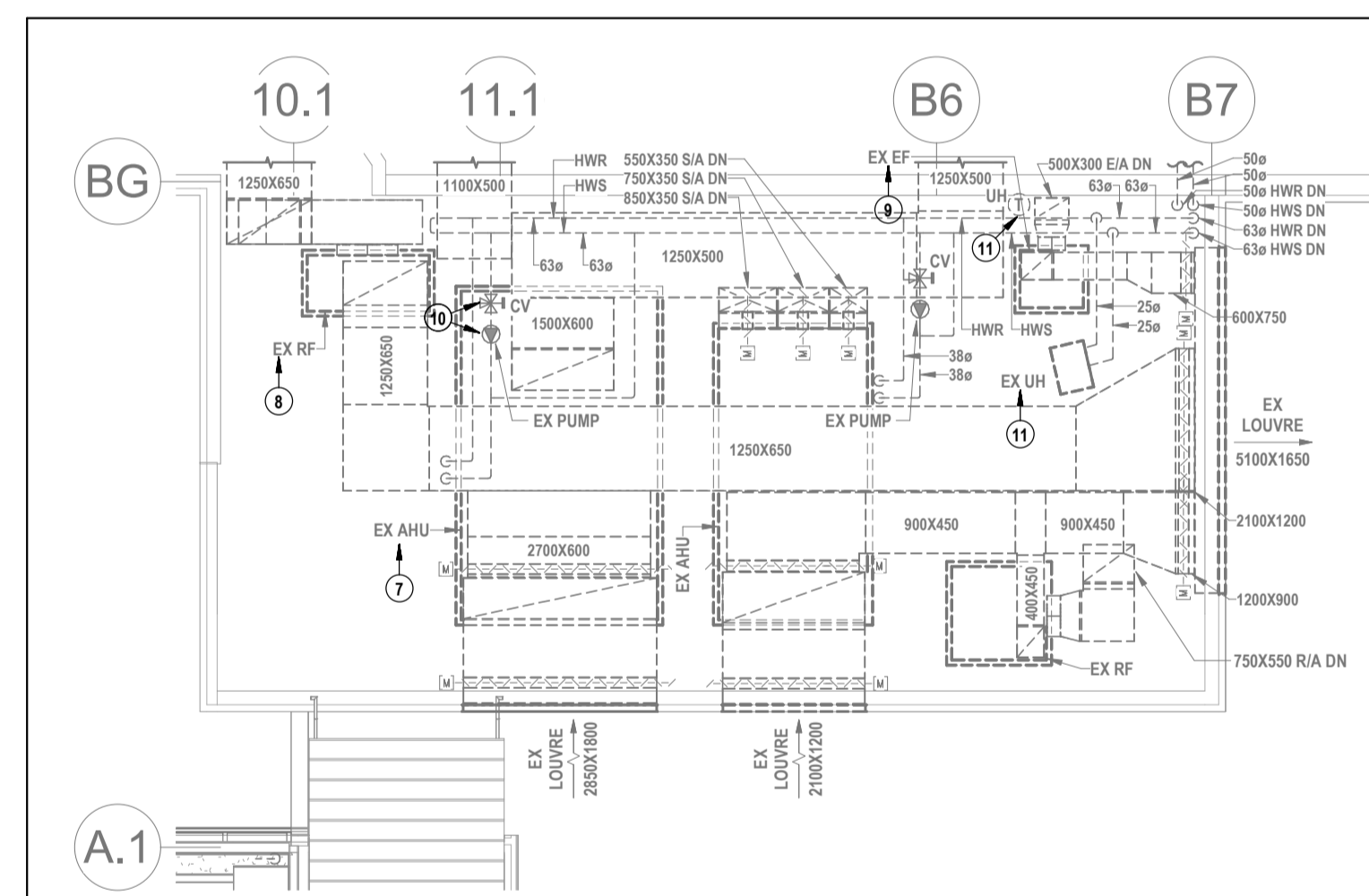
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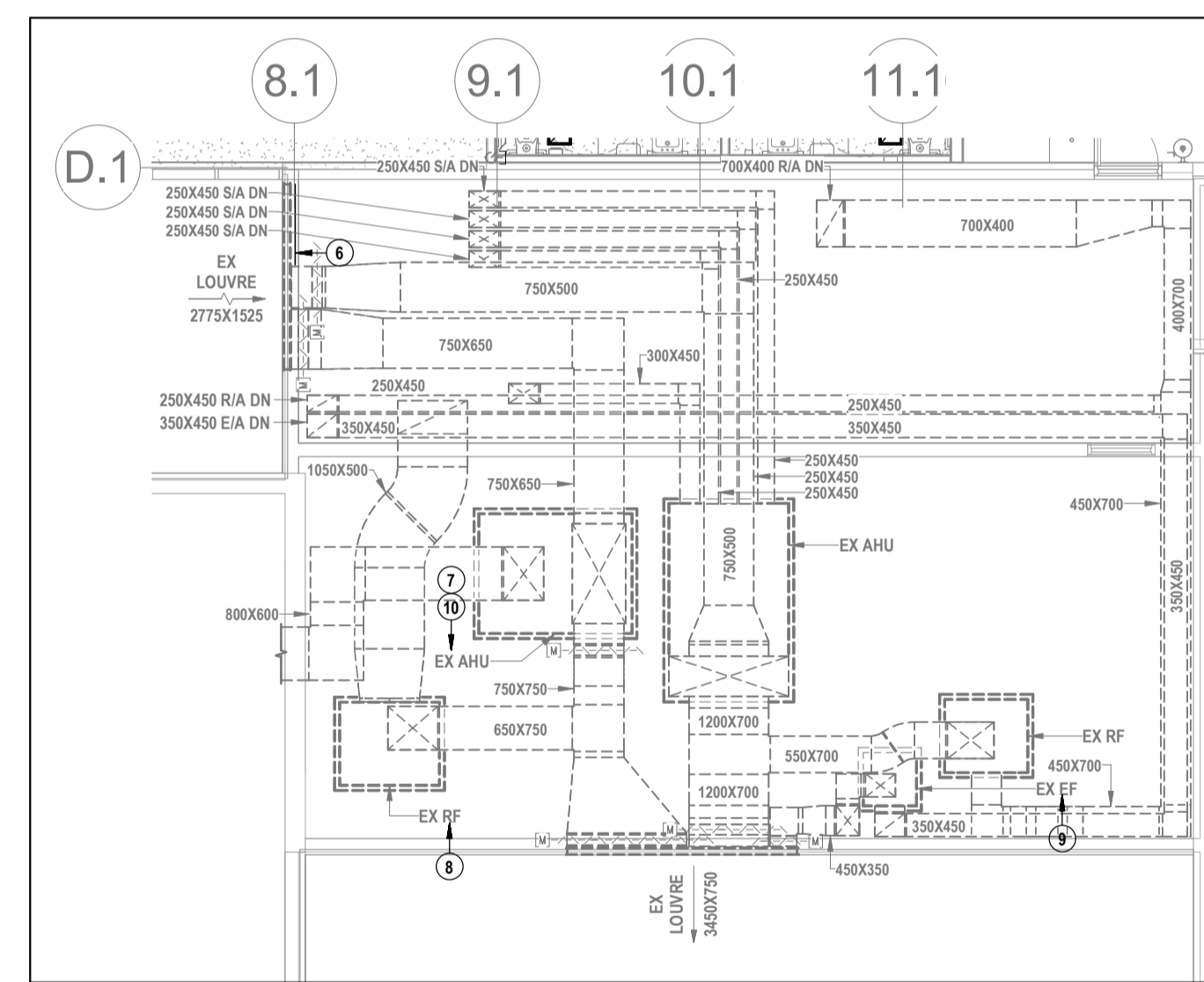
1 ROOF WEST MECHANICAL RENOVATION PLAN  
M3.6 SCALE: 1:100



2 MECH ROOM 120A MECHANICAL RENOVATION PLAN  
M3.6 SCALE: 1:100



3 MECH ROOM 550 MECHANICAL RENOVATION PLAN  
M3.6 SCALE: 1:100



4 MECH ROOM 557/558 MECHANICAL RENOVATION PLAN  
M3.6 SCALE: 1:100

- DRAWING NOTES**
- 1 INSTALL ROOFTOP UNIT CW GAS PIPING AS PER DETAILS. PROVIDE BAS CONTROLS.
  - 2 INSTALL ROOF-MOUNTED ENERGY RECOVERY VENTILATOR AS PER DETAIL. PROVIDE BAS CONTROLS.
  - 3 INSTALL NATURAL GAS PRV AS PER DETAIL. PROVIDE SUPPORTS FOR ALL ROOF-MOUNTED PIPING ON ROOF AS PER DETAIL.
  - 4 INSTALL ROOF-MOUNTED EXHAUST FAN AS PER DETAIL. PROVIDE BAS CONTROLS.
  - 5 PROVIDE ROOF-MOUNTED GOOSENECK TERMINATING MIN 600MM ABOVE ROOF CW GALVANIZED BIRDSCREEN. REFER TO DETAIL.
  - 6 PROVIDE INSULATED BLANK-OFF PANEL (RIGID BOARD INSULATION & SHEETMETAL) ON INTERIOR SIDE OF UNUSED PORTION OF LOUVRE. PROVIDE WEATHERTIGHT SEAL.
  - 7 PROVIDE AIR HANDLING UNIT BAS CONTROLS CW DAMPER ACTUATORS, SENSORS, WIRING, ETC.
  - 8 PROVIDE RETURN FAN BAS CONTROLS CW DAMPER ACTUATORS, SENSORS, WIRING, ETC.
  - 9 PROVIDE EXHAUST FAN BAS CONTROLS CW DAMPER ACTUATORS, SENSORS, WIRING, ETC.
  - 10 PROVIDE HEATING WATER BAS CONTROLS INCLUDING FLOOR PUMP CW CONTROL VALVE, SENSORS, WIRING, ETC.
  - 11 PROVIDE UNIT HEATER BAS CONTROLS CW SENSORS, ETC.



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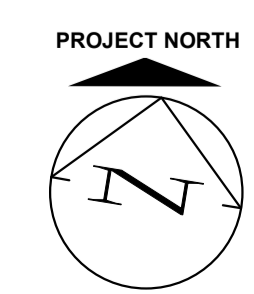


**Waterloo Oxford District Secondary School**  
WINDOW REPLACEMENTS, INTERIOR ALTERATIONS AND HVAC UPGRADES

1206 Snyder's Rd W. Baden, ON N3A 1A4

Project No.: 26012  
Checked By: K.K.  
Drawn By: J.S.S.

**ROOF WEST & MECH ROOMS MECHANICAL RENOVATION PLANS**



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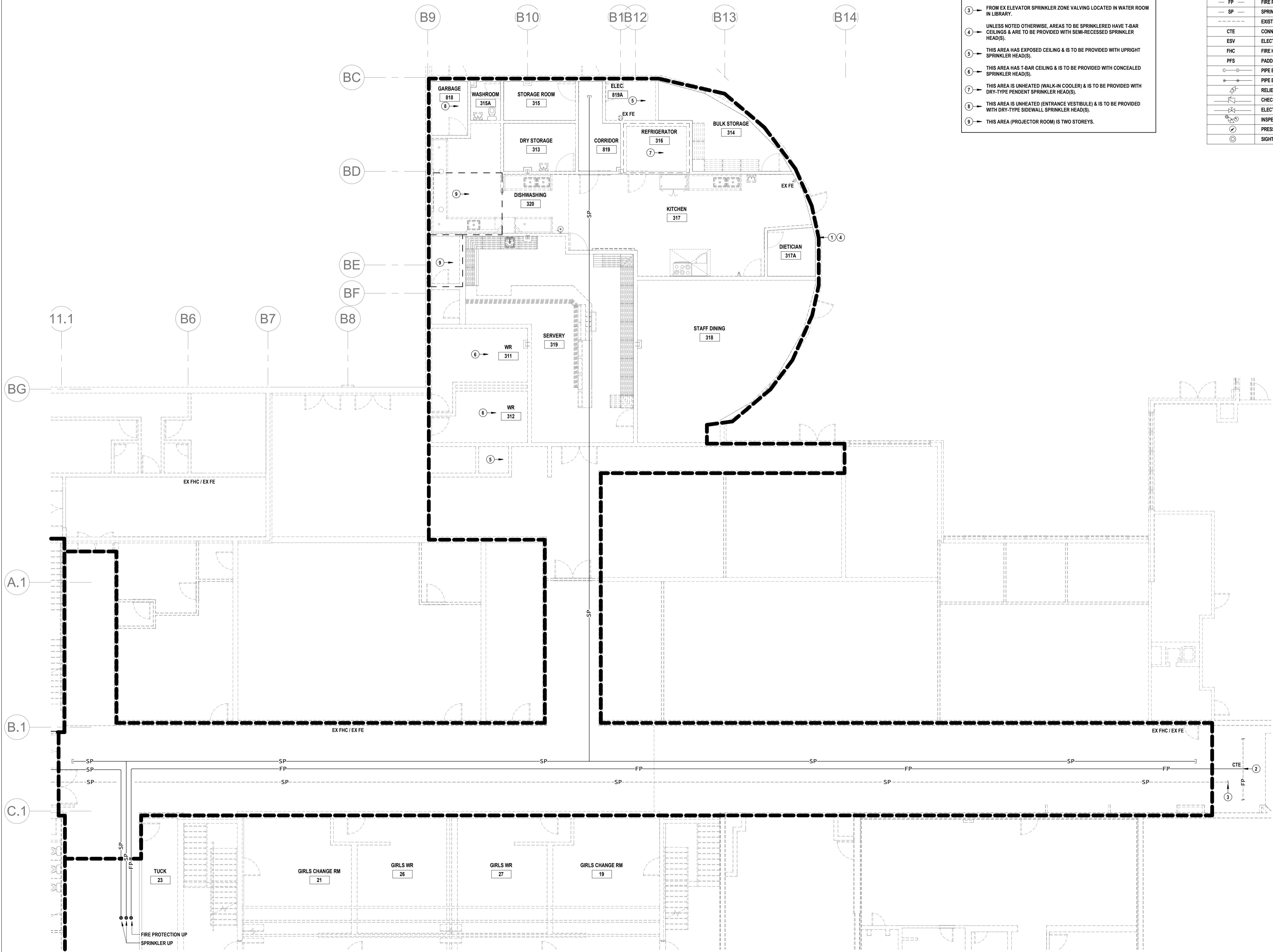
**M3.6**



- DRAWING NOTES**
- 1 PROVIDE WET SPRINKLER SYSTEM WITHIN DASHED OUTLINE (UNLESS NOTED OTHERWISE TO PROVIDE DRY SPRINKLER SYSTEM).
  - 2 CONNECT TO EX FIRE PROTECTION PIPING IN APPROXIMATELY THIS LOCATION IN-FRONT OF LIBRARY.
  - 3 FROM EX ELEVATOR SPRINKLER ZONE VALVING LOCATED IN WATER ROOM IN LIBRARY.
  - 4 UNLESS NOTED OTHERWISE, AREAS TO BE SPRINKLERED HAVE T-BAR CEILINGS & ARE TO BE PROVIDED WITH SEMI-RECESSED SPRINKLER HEAD(S).
  - 5 THIS AREA HAS EXPOSED CEILING & IS TO BE PROVIDED WITH UPRIGHT SPRINKLER HEAD(S).
  - 6 THIS AREA HAS T-BAR CEILING & IS TO BE PROVIDED WITH CONCEALED SPRINKLER HEAD(S).
  - 7 THIS AREA IS UNHEATED (WALK-IN COOLER) & IS TO BE PROVIDED WITH DRY-TYPE PENDENT SPRINKLER HEAD(S).
  - 8 THIS AREA IS UNHEATED (ENTRANCE VESTIBULE) & IS TO BE PROVIDED WITH DRY-TYPE SIDEWALL SPRINKLER HEAD(S).
  - 9 THIS AREA (PROJECTOR ROOM) IS TWO STOREYS.

**LEGENDS**

SYMBOL	DESCRIPTION
FP	FIRE PROTECTION PIPING
SP	SPRINKLER PIPING
---	EXISTING TO REMAIN
CTE	CONNECT TO EXISTING
ESV	ELECTRICALLY SUPERVISED VALVE
FHC	FIRE HOSE CABINET
PFS	PADDLE TYPE FLOW SWITCH
↓	PIPE BRANCHES TURNING DN
↑	PIPE BRANCHES TURNING UP
↕	RELIEF VALVE
⊘	CHECK VALVE
⊕	ELECTRICALLY SUPERVISED VALVE
⊖	INSPECTOR TEST VALVE
⊙	PRESSURE GAUGE
⊚	SIGHT GLASS



1 GROUND FLOOR EAST SPRINKLER PLAN  
SP1.1 SCALE: 1:100

PROJECT NORTH

THIS AREA OF WORK CONTAINS ASBESTOS CONTAINING MATERIALS (ACM). ALL CONTRACTORS SHALL REFER TO THE ASBESTOS AUDIT AND SECTION 01 35 43, HAZARDOUS MATERIALS FOR APPROPRIATE PROTOCOLS THAT MUST BE FOLLOWED, REGARDLESS OF ABATEMENT OPERATIONS BEING CONDUCTED OR NOT.

MNE Engineering Inc.  
22 Redwood Ave  
Kitchener, Ontario N2C 2G5  
Kitchener, (519) 894-9408  
www.mneengineering.ca

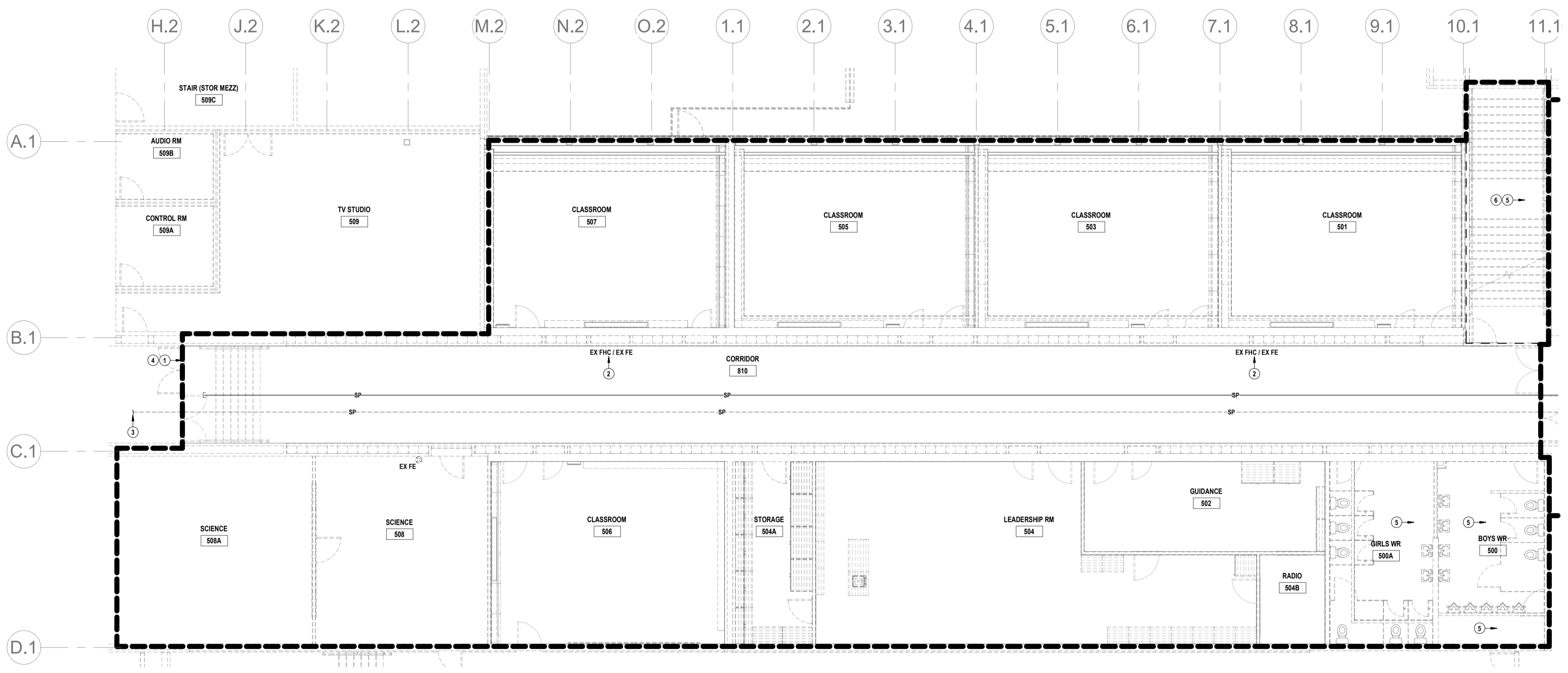


**Waterloo Oxford District Secondary School**  
WINDOW REPLACEMENTS, INTERIOR ALTERATIONS AND HVAC UPGRADES  
**LEGEND, KEY PLAN & GROUND FLOOR EAST SPRINKLER PLAN**  
1206 Snyder's Rd W, Baden, ON N3A 1A4  
Project No.: 26012  
Checked By: J.Z.  
Checked By: J.Z.

SP1.1



- DRAWING NOTES**
1. PROVIDE WET SPRINKLER SYSTEM WITHIN DASHED OUTLINE (UNLESS NOTED OTHERWISE TO PROVIDE DRY SPRINKLER SYSTEM).
  2. REMOVE FIRE HOSE C/W HANGERS, VALVING, ETC & TURN OVER TO OWNER. REMOVE PIPING FROM HOSE TO MAIN. INACCESSIBLE PIPING IN WALL IS PERMITTED TO REMAIN. CAP PIPING AT MAIN. CABINET & FIRE EXTINGUISHER TO REMAIN.
  3. TO EX ELEVATOR SPRINKLER ZONE LOCATED AT NORTH END OF TECH WING.
  4. UNLESS NOTED OTHERWISE, AREAS TO BE SPRINKLERED HAVE T-BAR CEILINGS & ARE TO BE PROVIDED WITH SEMI-RECESSED SPRINKLER HEAD(S).
  5. THIS AREA HAS EXPOSED CEILING & IS TO BE PROVIDED WITH UPRIGHT SPRINKLER HEAD(S).
  6. THIS AREA (STORAGE) IS BELOW STAIRS. STAIR IS NOT TO BE SPRINKLERED AT THIS TIME.



1 GROUND FLOOR WEST SPRINKLER PLAN  
SP1.2 / SCALE: 1:100

MNE Engineering, Inc.  
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Kitchener, Ont. N2C 2G5  
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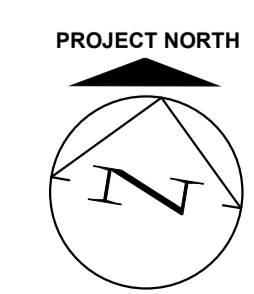


ISSUED FOR COORDINATION  
03.13.26  
ISSUED FOR BID  
03.27.26



**Waterloo Oxford District Secondary School**  
WINDOW REPLACEMENTS, INTERIOR ALTERATIONS AND HVAC UPGRADES  
1206 Snyder's Rd W., Baden, ON N3A 1A4  
Project No.: 26012  
Checked By: [ ]  
Drawn By: [ ]  
Author: [ ]  
Checker: [ ]

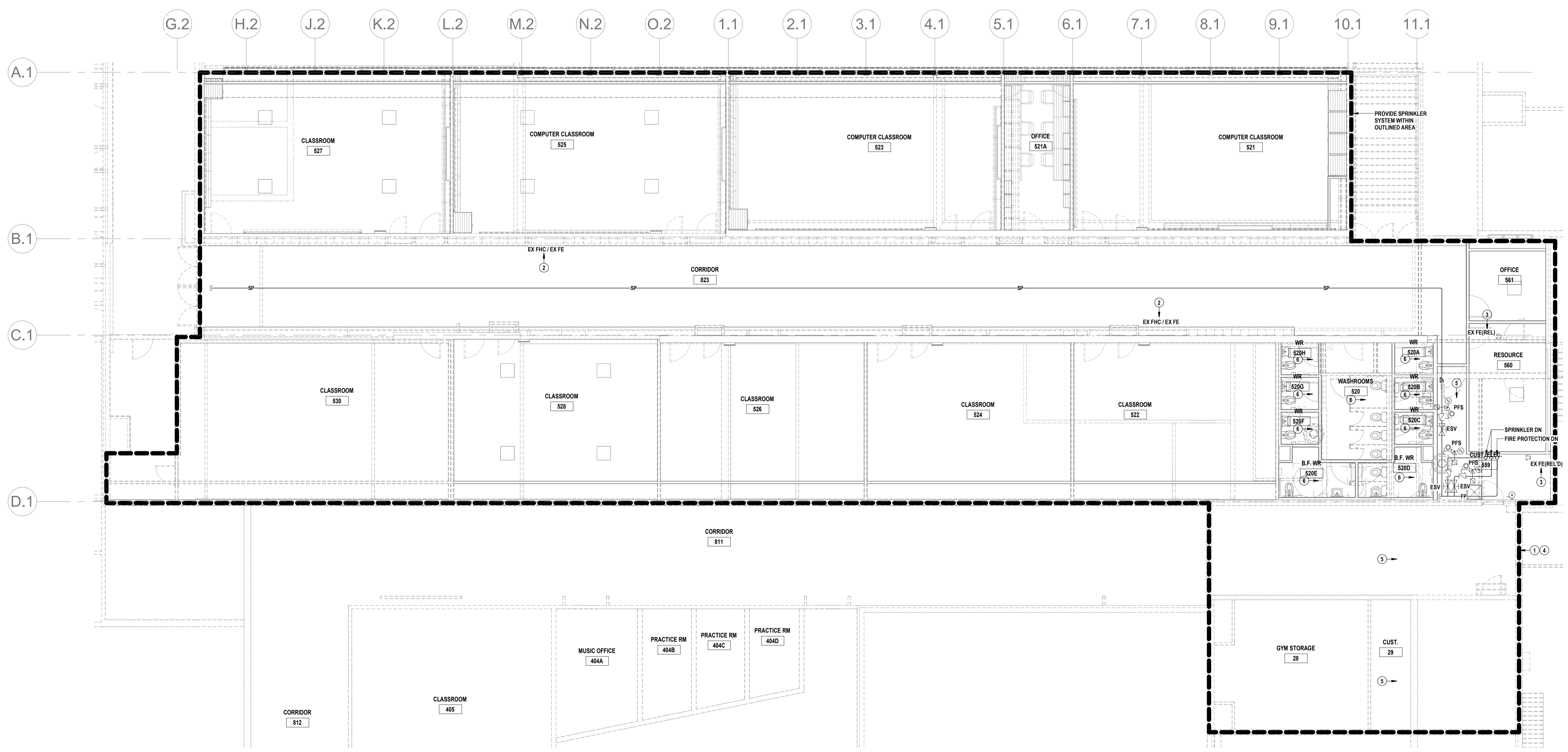
SP1.2



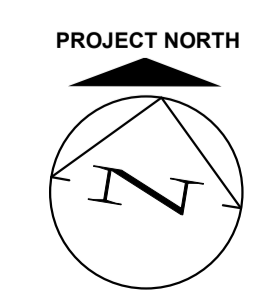
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- DRAWING NOTES**
- ① — PROVIDE WET SPRINKLER SYSTEM WITHIN DASHED OUTLINE (UNLESS NOTED OTHERWISE TO PROVIDE DRY SPRINKLER SYSTEM).
  - ② — REMOVE FIRE HOSE C/W HANGERS, VALVING, ETC & TURN OVER TO OWNER. REMOVE PIPING FROM HOSE TO MAIN. INACCESSIBLE PIPING IN WALL IS PERMITTED TO REMAIN. CAP PIPING AT MAIN. CABINET & FIRE EXTINGUISHER TO REMAIN.
  - ③ — RELOCATE FIRE EXTINGUISHER TO CUSTODIAL ROOM.
  - ④ — UNLESS NOTED OTHERWISE, AREAS TO BE SPRINKLERED HAVE T-BAR CEILING(S) & ARE TO BE PROVIDED WITH SEMI-RECESSED SPRINKLER HEAD(S).
  - ⑤ — THIS AREA HAS EXPOSED CEILING & IS TO BE PROVIDED WITH UPRIGHT SPRINKLER HEAD(S).
  - ⑥ — THIS AREA HAS DRYWALL CEILING & IS TO BE PROVIDED WITH CONCEALED SPRINKLER HEAD(S).



1 SECOND FLOOR WEST SPRINKLER PLAN  
SP1.3 SCALE: 1/100



THIS AREA OF WORK CONTAINS ASBESTOS CONTAINING MATERIALS (ACM). ALL CONTRACTORS SHALL REFER TO THE ASBESTOS AUDIT AND SECTION 01 35 43, HAZARDOUS MATERIALS FOR APPROPRIATE PROTOCOLS THAT MUST BE FOLLOWED, REGARDLESS OF ABATEMENT OPERATIONS BEING CONDUCTED OR NOT.

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ISSUED FOR COORDINATION: 03.13.26  
ISSUED FOR BID: 03.27.26

K.K.	
K.K.	



**Waterloo Oxford District Secondary School**  
WINDOW REPLACEMENTS, INTERIOR ALTERATIONS AND HVAC UPGRADES

1206 Snyder's Rd W. Baden, ON N3A 1A4  
Project No.: 26012  
Checked By: K.K.  
Drawn By: J.Z.

**SECOND FLOOR WEST SPRINKLER PLAN**

**SP1.3**