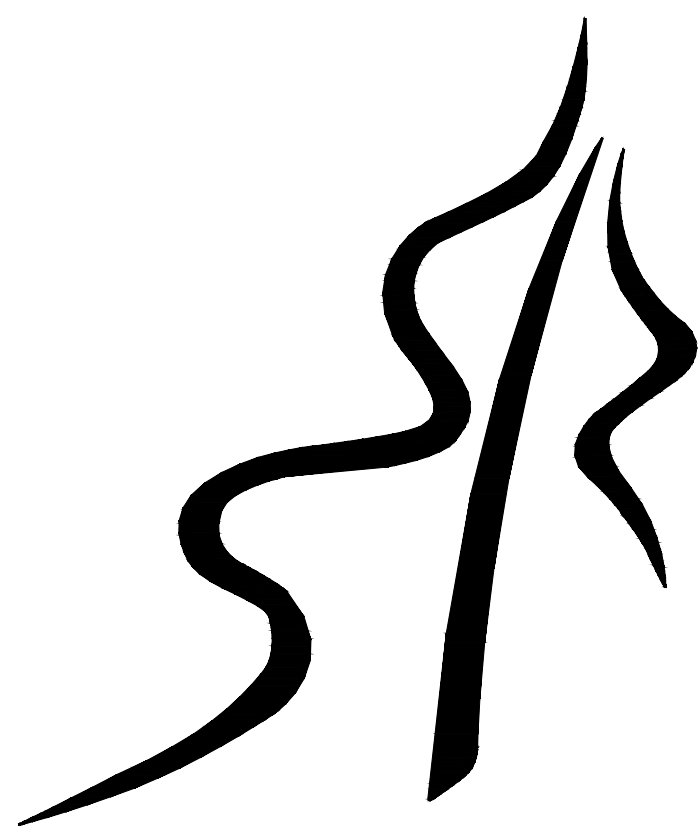


GRAFTON PUBLIC SCHOOL

GRAFTON

ONTARIO



KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD

MECHANICAL UPGRADES

654 Station Road, Grafton, ON K0K 2G0

CONSULTANTS:

PRIME CONSULTANT

DEI CONSULTING ENGINEERS INC.
55 NORTHLAND ROAD
WATERLOO, ONTARIO
N2V 1Y8

ELECTRICAL CONSULTANT

DEI CONSULTING ENGINEERS INC.
55 NORTHLAND ROAD
WATERLOO, ONTARIO
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GRAFTON PUBLIC SCHOOL
GRAFTON ONTARIO



KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD

DEI

Consulting Engineers

MECHANICAL | ELECTRICAL | AQUATIC

55 Northland Road, Waterloo, ON N2V 1Y8

Phone: 519-725-3555

Website: deiassociates.ca

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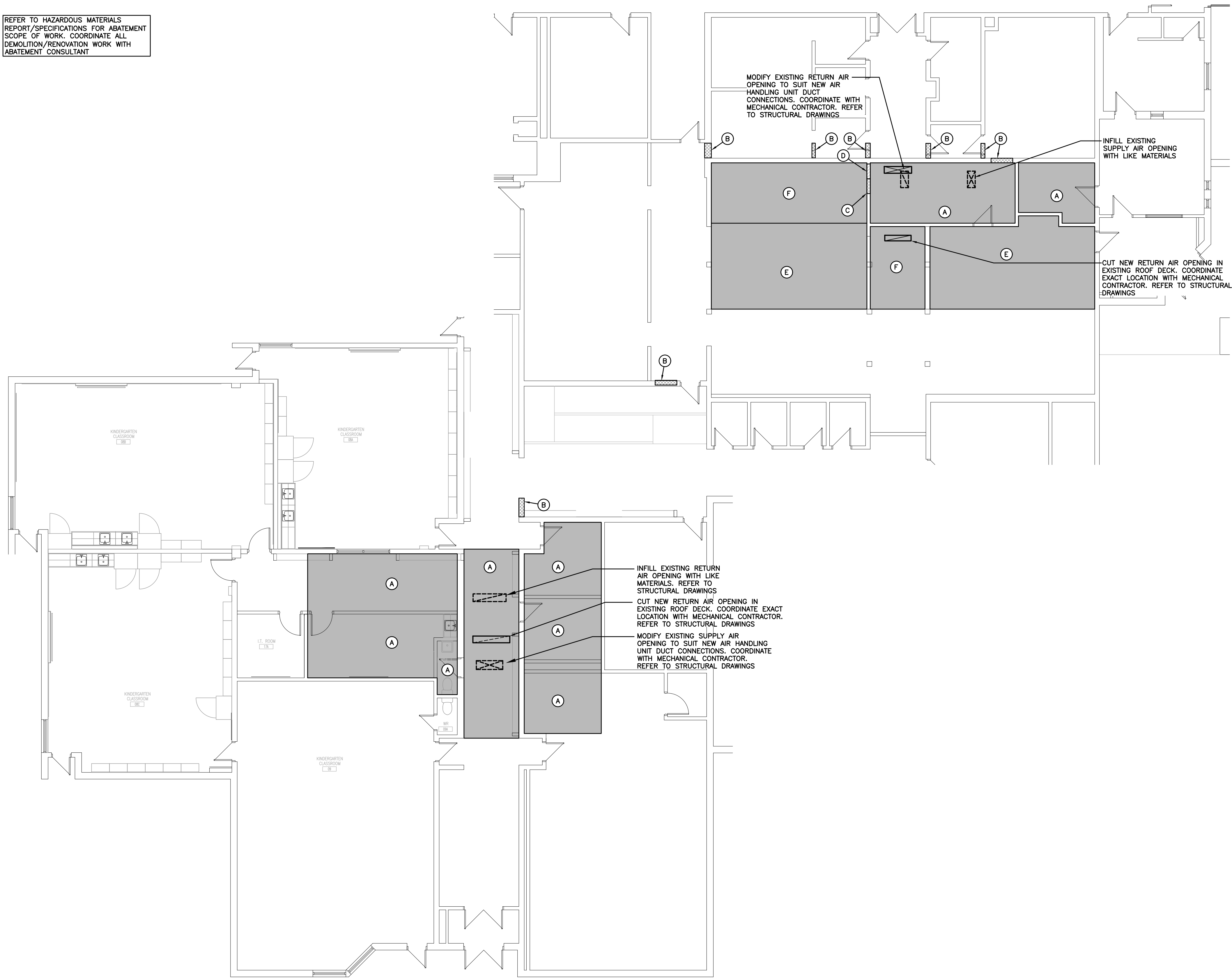
DRAWING LIST

MECHANICAL	
M101	KEY PLAN, LEGEND, & SCHEDULES
M201	PARTIAL GROUND FLOOR PLAN – GENERAL TRADES
M202	PARTIAL ROOF PLAN – GENERAL TRADES
M301	PARTIAL GROUND FLOOR PLAN – DEMOLITION
M302	PARTIAL GROUND FLOOR PLAN – RENOVATION
M401	PARTIAL ROOF PLAN – DEMOLITION
M402	PARTIAL ROOF PLAN – RENOVATION
M501	DETAILS
ELECTRICAL	
E101	OVERALL PLAN, LEGEND, & DETAILS
E201	PARTIAL GROUND FLOOR DEMOLITION PLAN
E202	PARTIAL GROUND FLOOR RENOVATION PLAN
E301	PARTIAL ROOF DEMOLITION/RENOVATION PLAN
E401	DISTRIBUTION RISER DIAGRAM
STRUCTURAL	
S1.0	ROOF FRAMING PLAN, DETAILS & GENERAL NOTES
S1.1	ROOF PLAN & GENERAL NOTES
S2.0	TYPICAL FRAMING SECTIONS & DETAILS

SET NUMBER

24366

REFER TO HAZARDOUS MATERIALS
REPORT/SPECIFICATIONS FOR ABATEMENT
SCOPE OF WORK. COORDINATE ALL
DEMOLITION/RENOVATION WORK WITH
ABATEMENT CONSULTANT



PARTIAL GROUND FLOOR PLAN – GENERAL TRADES PLAN
SCALE: 1:100

GENERAL ARCHITECTURAL NOTES

- ALL REFERENCES TO REMOVE MEANS REMOVE AND DISPOSE OF UNLESS OTHERWISE NOTED.
- ALL DRAWING MEASUREMENTS ARE FOR REFERENCE ONLY. ALL MEASUREMENTS TO BE CONFIRMED ON SITE.
- NOT ALL ACCESSORIES ARE INDICATED ON PLAN DRAWINGS. REFER TO ENLARGED PLANS, SPECIFICATIONS, MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED WORK.
- NEW EDGES TO PARTLY DEMOLISHED WALLS AND NEW OPENINGS TO EXISTING MASONRY WALLS SHALL NOT BE LEFT WITH SAW CUT OR BROKEN UNITS. SET NEW MASONRY UNITS IN THE ESTABLISHED COURSING PATTERN TO FORM THE NEW EDGE. ALL EXPOSED CONCRETE BLOCK CORNERS TO BE BULLNOSED UNLESS OTHERWISE NOTED.
- ALL REMAINING EXISTING FLOOR FINISHES TO BE MAINTAINED AND FULLY PROTECTED.
- ALL DEMOLITION WORK TO OCCUR AS IDENTIFIED. ALL DAMAGE OUTSIDE THESE AREAS TO BE MADE GOOD BY THE CONTRACTOR. WHEN WORK FOR MECHANICAL AND ELECTRICAL CONNECTIONS ARE REQUIRED TO TAKE PLACE OUTSIDE DESIGNATED AREAS, USE EXTREME CAUTION TO PREVENT ANY ADDITIONAL DAMAGE.
- VERIFY SITE DIMENSIONS AND DIMENSIONS OF NEW WORK BEFORE PROCEEDING WITH DEMOLITION OR REMOVAL OF EXISTING BUILDING MATERIALS.
- REFER TO DRAWINGS FOR REMOVAL OF ANY LIGHTING FIXTURES, DEVICES, RACEWAYS AND/OR EQUIPMENT MADE OBSOLETE BY WORK UNDER THIS CONTRACT. REFER TO ELECTRICAL DRAWINGS FOR RETROFIT.
- ALL WALL AND/OR ROOF OPENINGS CREATED THRU THE REMOVAL OF MECHANICAL AND ELECTRICAL SERVICES/EQUIPMENT SHALL BE PATCHED USING LIKE MATERIALS. MAKE GOOD. PROVIDE BASE WHERE REQUIRED. MATCH EXISTING PAINT AND BASE. REFER TO DRAWINGS FOR FURTHER EXTENT. MAINTAIN CONTINUITY OF ALL EXISTING HORIZONTAL AND VERTICAL FIRE SEPARATIONS WHERE NEW PENETRATIONS OCCUR WITHIN THE ENTIRE SCOPE OF WORK. PROVIDE FIRE STOPPING AND SMOKE SEAL AT ALL PENETRATIONS
- DO NOT STOCKPILE CONSTRUCTION MATERIALS ADJACENT TO THE EXISTING BUILDING.
- EXISTING CEILINGS NOT NOTED SHALL REMAIN AS PRESENTLY INSTALLED.
- EXISTING ITEMS SHOWN BUT NOT NOTED AS BEING REMOVED OR RENOVATED SHALL REMAIN AS PRESENTLY INSTALLED.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ON SITE ALL EXISTING CEILING STYLES/LAYOUTS PRIOR TO THE COMMENCEMENT OF WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY CEILINGS REMOVED/DAMAGED DURING CONSTRUCTION THAT IS BEYOND THE MECHANICAL/ELECTRICAL SCOPE OF WORK.
- CEILINGS BEING REMOVED AND RE-INSTALLED ARE TO BE RE-INSTALLED AT SAME HEIGHT UNLESS OTHERWISE NOTED.
- MAINTAIN CONTINUITY OF ALL EXISTING HORIZONTAL AND VERTICAL FIRE SEPARATIONS WHERE NEW PENETRATIONS OCCUR WITHIN THE ENTIRE SCOPE OF WORK. PROVIDE PATCHING, FIRE STOPPING AND SMOKE SEAL AT ALL PENETRATIONS. MATCH EXISTING MATERIALS. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR EXTENT OF NEW MECHANICAL AND ELECTRICAL PENETRATIONS.
- ALL REMAINING WALL SURFACES THAT ARE DAMAGED BY THE REMOVALS AND/OR ARE CURRENTLY IN CONDITION THAT SHOWS ANY SIGN OF DAMAGE SHALL BE REPAIRED AND REINSTATED IN GOOD CONDITION. PATCH ALL DAMAGED EXISTING WALLS. MATCH EXISTING MATERIALS AND FINISHES. PRIOR TO THE APPLICATION OF NEW PAINT, ENSURE THAT ALL REMAINING METAL PIECES, SCREW HEADS, ETC. ARE REMOVED, HOLES PATCHED AND SANDED.
- PATCH PAINT ALL NEW PARTITIONS, CHASES AND AFFECTED EXISTING SURFACES TO MATCH ADJACENT SURFACES.
- PROVIDE NEW FLOOR, BASE, FINISHES AND NEW CEILING TILES/GRID WHERE DAMAGED DUE TO RENOVATION. MATCH EXISTING.

SPECIFIC NOTES

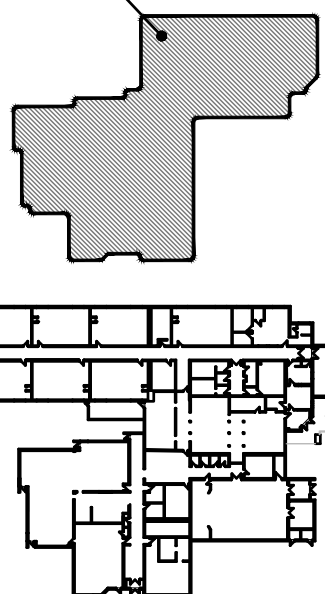
- EXISTING ACT SYSTEM TO BE TEMPORARILY REMOVED AS REQUIRED TO FACILITATE NEW STRUCTURAL, MECHANICAL AND/OR ELECTRICAL WORK. REFER TO STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS. REINSTALL EXISTING ACT SYSTEM THE SAME. PAY ALL COSTS ASSOCIATED WITH DAMAGED GRID AND TILES. PROVIDE CUT TILES AND NEW GRID AROUND ANY NEW PIPING, ELECTRICAL CONTROLS & MECHANICAL EQUIPMENT. PROVIDE NEW MATCHING CEILING TILE WHERE EXISTING PIPING PENETRATED THE EXISTING CEILING TILE.
- COREDRIILL NEW CONDUIT OPENING IN EXISTING WALL. PATCH/PAINT AND MAKE GOOD ALL AFFECTED SURFACES TO MATCH EXISTING. COORDINATE EXACT LOCATION(S) WITH ELECTRICAL CONTRACTOR. EXISTING WALL PAINT & TEXTURE COAT FINISH WAS FOUND TO BE ASBESTOS/ LEAD CONTAINING. COORDINATE REMEDIATION WITH REMEDIATION CONTRACTOR PRIOR TO COREDRILLING.
- CUT NEW DUCT OPENING IN EXISTING WALL. PATCH/PAINT AND MAKE GOOD ALL AFFECTED SURFACES TO MATCH EXISTING. COORDINATE EXACT LOCATION(S) WITH MECHANICAL CONTRACTOR. EXISTING WALL PAINT & TEXTURE COAT FINISH WAS FOUND TO BE ASBESTOS CONTAINING. COORDINATE REMEDIATION WITH REMEDIATION CONTRACTOR PRIOR TO DEMOLITION.
- PATCH/PAINT EXISTING DUCT OPENING AND MAKE GOOD ALL AFFECTED SURFACES TO MATCH EXISTING. COORDINATE EXACT LOCATION(S) WITH MECHANICAL CONTRACTOR. EXISTING WALL PAINT AND TEXTURE COAT FINISH WAS FOUND TO BE ASBESTOS/ LEAD CONTAINING. COORDINATE REMEDIATION WITH REMEDIATION CONTRACTOR PRIOR TO WORK.
- EXISTING ACT SYSTEM, & FIRE RATED DRYWALL CEILING ABOVE TO BE TEMPORARILY REMOVED AS REQUIRED TO FACILITATE NEW STRUCTURAL, MECHANICAL AND/OR ELECTRICAL WORK. REFER TO STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS. PROVIDE NEW 5/8" FIRE RATED DRYWALL CEILING & REINSTALL EXISTING ACT SYSTEM THE SAME. MAINTAIN ALL EXISTING FIRE RATINGS. PAY ALL COSTS ASSOCIATED WITH DAMAGED GRID AND TILES. EXISTING DRYWALL AND JOINT COMPOUND WAS FOUND TO BE ASBESTOS CONTAINING. COORDINATE REMEDIATION WITH REMEDIATION CONTRACTOR PRIOR TO WORK.
- EXISTING FIRE RATED DRYWALL CEILING ABOVE TO BE REMOVED AS REQUIRED TO FACILITATE NEW STRUCTURAL, MECHANICAL AND/OR ELECTRICAL WORK. REFER TO STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS. PROVIDE NEW 5/8" FIRE RATED DRYWALL CEILING THE SAME. BOX IN ALL LIGHT FIXTURES & MAINTAIN ALL FIRE RATINGS. EXISTING DRYWALL AND JOINT COMPOUND WAS FOUND TO BE ASBESTOS/ LEAD CONTAINING. COORDINATE REMEDIATION WITH REMEDIATION CONTRACTOR PRIOR TO WORK.

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AREA OF WORK

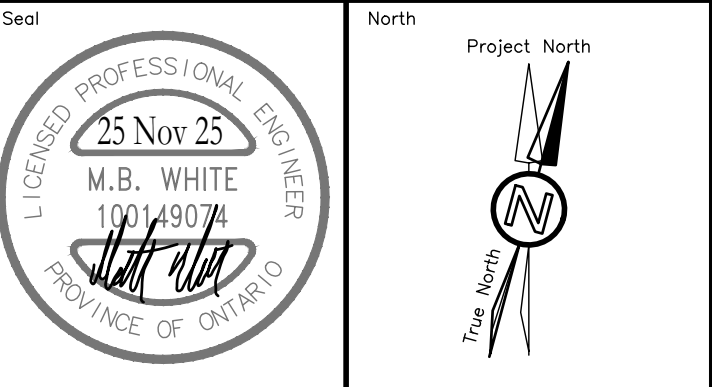


Key Plan

GRAFTON PUBLIC SCHOOL
GRAFTON ONTARIO



KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD



RENOVATION TO:

**GRAFTON PUBLIC
SCHOOL VENTILATION
UPGRADES**

654 Station Rd, Grafton, ON K0K 2G0

Sheet Title

**PARTIAL GROUND
FLOOR PLAN –
GENERAL TRADES**



Consulting Engineers

MECHANICAL | ELECTRICAL | AQUATIC

55 Northland Road, Waterloo, ON N2V 1Y8

Phone: 519-725-3555

Website: deiassociates.ca

Drawn by KB	Checked by DB	Approved by MW
Scale AS NOTED	Project Date NOV 2025	Print Date NOV 2025
Project No. 24366	Drawing No. M201	

EXISTING TAR AROUND EXISTING AIR HANDLING UNIT -
WAS FOUND TO BE ASBESTOS CONTAINING.
COORDINATE REMEDIATION WITH REMEDIATION
CONTRACTOR PRIOR TO WORK.

- EXTENT OF NEW ROOFING TO MATCH EXISTING. CONTRACTOR TO CUT BACK EXISTING ROOFING (MIN. 900mm ON ALL SIDES), CUT IN NEW OPENING FOR ELECTRICAL CURBS, INSTALL NEW ROOF CONE(S), AND INSTALL NEW ROOF CURB, FLASHING AND RE-ROOF. MODIFY EXISTING DECK TO SUIT NEW OPENINGS.

NEW 200Ø BOLLARD ON GRADE-
LEVEL. REFER TO DETAIL. PATCH
& MAKE GOOD (TYPICAL)

ROOF CURB INSULATION

TYPICAL RE-ROOFING

BOLLARD DETAIL

RAISED CONCRETE BASE DETAIL

Key Plan

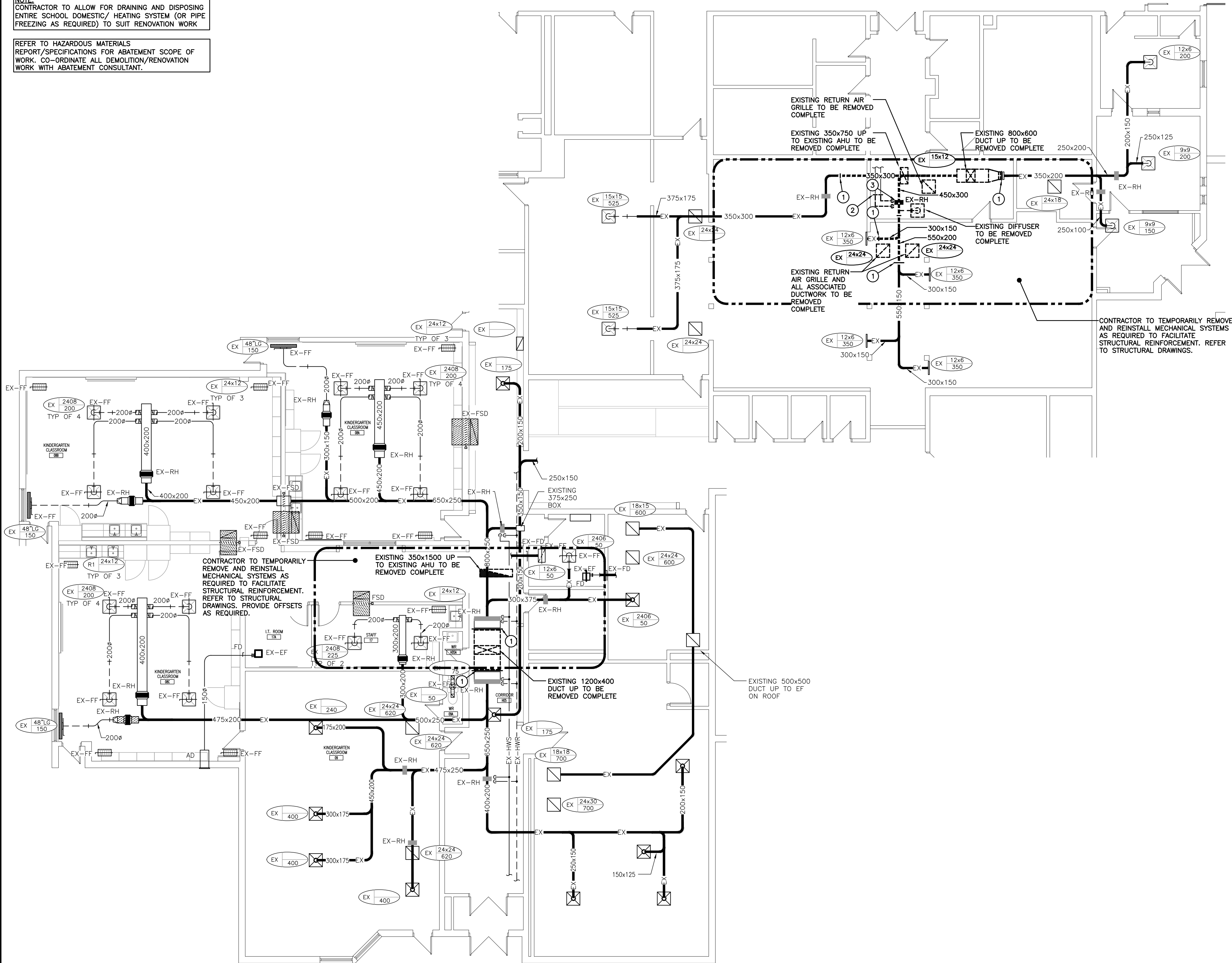
PARTIAL ROOF PLAN -
GENERAL TRADES

Project No.	Drawing No.
-------------	-------------

M202

NOTE:
CONTRACTOR TO ALLOW FOR DRAINING AND DISPOSING
ENTIRE SCHOOL DOMESTIC/ HEATING SYSTEM (OR PIPE
FREEZING AS REQUIRED) TO SUIT RENOVATION WORK

REFER TO HAZARDOUS MATERIALS
REPORT/SPECIFICATIONS FOR ABATEMENT SCOPE OF
WORK. CO-ORDINATE ALL DEMOLITION/RENOVATION
WORK WITH ABATEMENT CONSULTANT.



PARTIAL GROUND FLOOR PLAN – DEMOLITION
SCALE: 1:100

GENERAL DEMOLITION NOTES

- EXISTING MECHANICAL ITEMS NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
- EXISTING MECHANICAL ITEMS SHOWN BUT NOT NOTED AS BEING REMOVED OR RENOVATED SHALL REMAIN AS PRESENTLY INSTALLED AND OPERATING.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ON SITE ALL LOCATIONS AND SIZES OF ALL SERVICES & EQUIPMENT PRIOR TO THE COMMENCEMENT OF WORK.
- ALL OPENINGS THAT RESULT FROM THE REMOVAL OF EQUIPMENT OR SERVICES SHALL BE NEATLY PATCHED WITH SUITABLE NEW MATERIALS TO SUIT EXISTING CONSTRUCTION.
- PLUMBING VENTS ARE NOT INDICATED OR IDENTIFIED. REMOVE ALL REDUNDANT VENTS WHILE MAINTAINING INTEGRITY OF EXISTING SYSTEMS TO REMAIN.
- REMOVAL OF EXISTING PIPING, OR DUCT SYSTEMS INCLUDES REMOVAL OF ALL HANGERS, INSULATION, FITTINGS, ETC.
- MAINTAIN INTEGRITY OF EXISTING SYSTEMS THAT ARE TO REMAIN OR BE MODIFIED.
- INSTALL NEW SYSTEM OR SERVICES WHERE REQUIRED TO MAINTAIN SYSTEM OPERATION PRIOR TO DEMOLITION OF EXISTING SERVICES.
- THIS CONTRACTOR IS TO REMOVE & REPLACE CEILINGS AS REQUIRED FOR REMOVAL/REPLACEMENT OF SERVICES.

SPECIFIC DEMOLITION NOTES

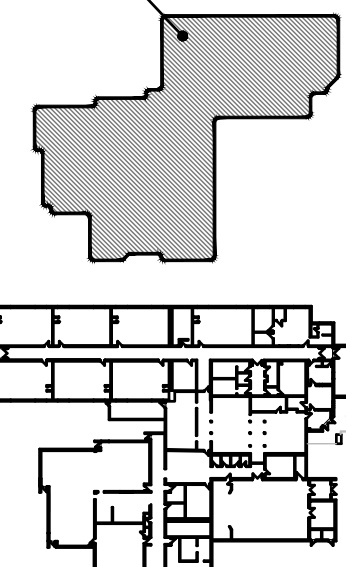
- EXISTING DUCTWORK TO BE CUT AND REMOVED BEYOND COMPLETE
- EXISTING HWS/R PIPING TO BE CUT AND REMOVED BEYOND COMPLETE. PREPARE PIPING FOR CONNECTION TO RELOCATED LOCATION. EXISTING PIPING INSULATION WAS FOUND TO BE ASBESTOS CONTAINING. COORDINATE REMEDIATION WITH REMEDIATION CONTRACTOR PRIOR TO REMOVAL.
- EXISTING REHEAT COIL TO BE TEMPORARILY DISCONNECTED, REMOVED AND RETAINED FOR REUSE.

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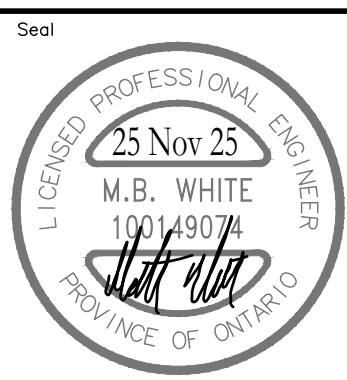


Key Plan

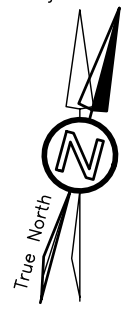
GRAFTON PUBLIC SCHOOL
GRAFTON ONTARIO



KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD



Project North



RENOVATION TO:

GRAFTON PUBLIC
SCHOOL VENTILATION
UPGRADES

654 Station Rd, Grafton, ON K0K 2G0

Sheet Title

PARTIAL GROUND FLOOR
PLAN – DEMOLITION



Consulting Engineers
MECHANICAL | ELECTRICAL | AQUATIC

55 Northland Road, Waterloo, ON N2V 1Y8
Phone: 519-725-3555
Website: deiassociates.ca

Drawn by KB	Checked by DB	Approved by MW
Scale AS NOTED	Project Date NOV 2025	Print Date NOV 2025
Project No. 24366	Drawing No. M301	

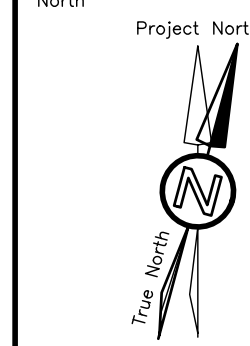
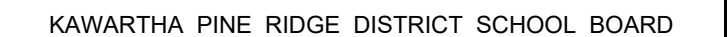
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- CLEAN AND VACUUM EXISTING DUCTWORK ADJACENT TO NEW CONNECTIONS $\pm 10'-0"$ IN EACH DIRECTION.
- REFER TO ARCHITECTURAL MILLWORK DRAWINGS FOR LOCATION OF FIXTURES.
- COORDINATE UNDER FLOOR PIPE SLEEVES AND DRAINAGE PIPING.
- CO-ORDINATE ROUGH-IN AND MOUNTING HEIGHTS OF FIXTURES WITH MILLWORK AND ARCHITECTURAL DETAILS.
- PROVIDE VENTING FOR SANITARY FIXTURES TO OBC REQUIREMENTS. CO-ORDINATE VENTS THRU ROOF WITH GENERAL CONTRACTOR. MAINTAIN MINIMUM 3600MM (12'-0") BETWEEN SANITARY VENT AND ALL AIR INTAKE/EXHAUST OPENINGS.
- CO-ORDINATE ANY OWSJ BRIDGING RELOCATION OR REMOVAL/REPLACEMENT WITH THE GENERAL CONTRACTOR. PAY ALL COSTS REQUIRED TO MODIFY BRIDGING FOR INSTALLATION OF DUCTWORK.
- COORDINATE FINAL LOCATION OF GRILLES/DIFFUSERS ON SITE.
- REFER TO DEMOLITION DRAWINGS FOR EXTENT OF EXISTING PIPING ABOVE CEILINGS TO REMAIN.
- NOT ALL EXISTING PIPING, DUCTWORK, WIRING, ETC. IS INDICATED. IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO REVIEW ALL EXISTING CONDITIONS ON SITE AND BE SURE ALL PIPING, DUCTWORK, WIRING, ETC. CAN BE INSTALLED AS INDICATED PRIOR TO SUBMITTING TENDER PRICE.
- ALL EXPOSED CONTROL WIRING IS TO BE IN WIREMOLD
- MAINTAIN CONTINUITY OF ALL EXISTING HORIZONTAL AND VERTICAL FIRE SEPARATIONS WHERE NEW PENETRATIONS OCCUR WITHIN THE ENTIRE SCOPE OF WORK. PROVIDE FIRESTOPPING, FIRE STOPPING AND SMOKESTOPPING AT ALL PENETRATIONS. MATCH EXISTING MATERIALS. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR EXTENT OF NEW MECHANICAL AND ELECTRICAL PENETRATIONS.

- A. CONNECT NEW 500x200 SA DUCT TO EXISTING 500x250 SA DUCT.
- B. CONNECT NEW 350x200 SA DUCT TO EXISTING 350x200 SA DUCT.
- C. CONNECT NEW 1200x450 SA DUCT TO EXISTING 1200x450 SA DUCT.
- D. CONNECT NEW 300x150 SA DUCT TO EXISTING 300x150 SA DUCT.
- E. REINSTALL EXISTING REHEAT COIL IN NEW DUCT WORK. RECONNECT EXISTING 25# HWS/R PIPING TO NEW. PROVIDE NEW ISOLATION VALVES, BALANCING VALVES AND CONTROL VALVE.
- F. 500x300 RETURN AIR DUCT. PROVIDE 500x250 OPENINGS ON BOTH SIDE IN CEILING SPACE.

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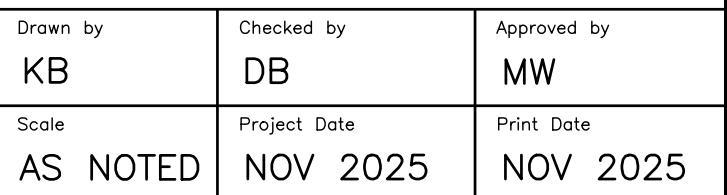
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654 Station Rd, Grafton, ON K0K 2G0

Sheet Title

PARTIAL GROUND FLOOR PLAN - RENOVATION



Project No. 24366	Drawing No. M302
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REFER TO HAZARDOUS MATERIALS
REPORT/SPECIFICATIONS FOR ABATEMENT
SCOPE OF WORK. COORDINATE ALL
DEMOLITION/RENOVATION WORK WITH
ABATEMENT CONSULTANT

EXISTING GAS PIPING SERVING BUILDING
TO BE CUT ON RISER AND REMOVED
BEYOND COMPLETE.

EXISTING LOW PRESSURE GAS METER
STATION TO BE REMOVED COMPLETE.

EXISTING DUCTWORK
THRU ROOF TO BE
REMOVED COMPLETE

EXISTING AHU TO
BE REMOVED
COMPLETE

EXISTING DUCTWORK
THRU ROOF TO BE
REMOVED COMPLETE

EXISTING TAR DUCT SEALANT
WAS FOUND TO BE ASBESTOS
CONTAINING. COORDINATE
REMOVAL/DISPOSAL WITH
REMEDATION CONTRACTOR

EXISTING PAINT WAS
FOUND TO BE LEAD
CONTAINING. COORDINATE
REMOVAL/DISPOSAL WITH
REMEDATION CONTRACTOR

EX-AHU-1

EXISTING DUCTWORK
THRU ROOF TO BE
REMOVED COMPLETE

EXISTING AHU TO
BE REMOVED
COMPLETE

EXISTING DUCTWORK
THRU ROOF TO BE
REMOVED COMPLETE

EXISTING TAR DUCT SEALANT
WAS FOUND TO BE ASBESTOS
CONTAINING. COORDINATE
REMOVAL/DISPOSAL WITH
REMEDATION CONTRACTOR

EXISTING PAINT WAS
FOUND TO BE LEAD
CONTAINING. COORDINATE
REMOVAL/DISPOSAL WITH
REMEDATION CONTRACTOR

EX-AHU-2

EX-EF

PARTIAL ROOF PLAN – DEMOLITION
SCALE: 1:100

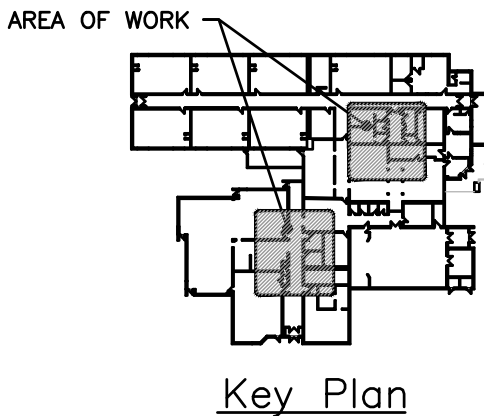
GENERAL NOTES

- MAINTAIN MINIMUM 3700mm (12'-0") LATERAL DISTANCE BETWEEN SANITARY VENTS AND ALL AIR INTAKE/EXHAUST OPENINGS.
- MAINTAIN MINIMUM 3000mm (10'-0") LATERAL DISTANCE BETWEEN PRV, FUEL FIRED APPLIANCE, AND/OR EXHAUST VENTS AND ALL AIR INTAKE/EXHAUST OPENINGS.
- ALL EQUIPMENT SHALL BE MINIMUM 3.0M FROM EDGE OF ROOF.

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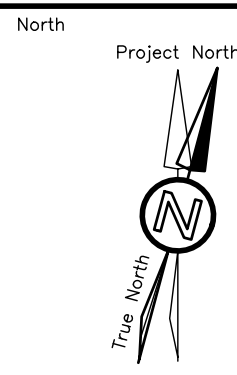
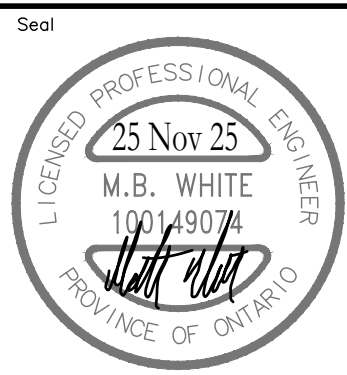
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GRAFTON PUBLIC SCHOOL
GRAFTON ONTARIO



KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD



RENOVATION TO:

**GRAFTON PUBLIC
SCHOOL VENTILATION
UPGRADES**

654 Station Rd, Grafton, ON K0K 2G0

Sheet Title

**PARTIAL ROOF PLAN
– DEMOLITION**

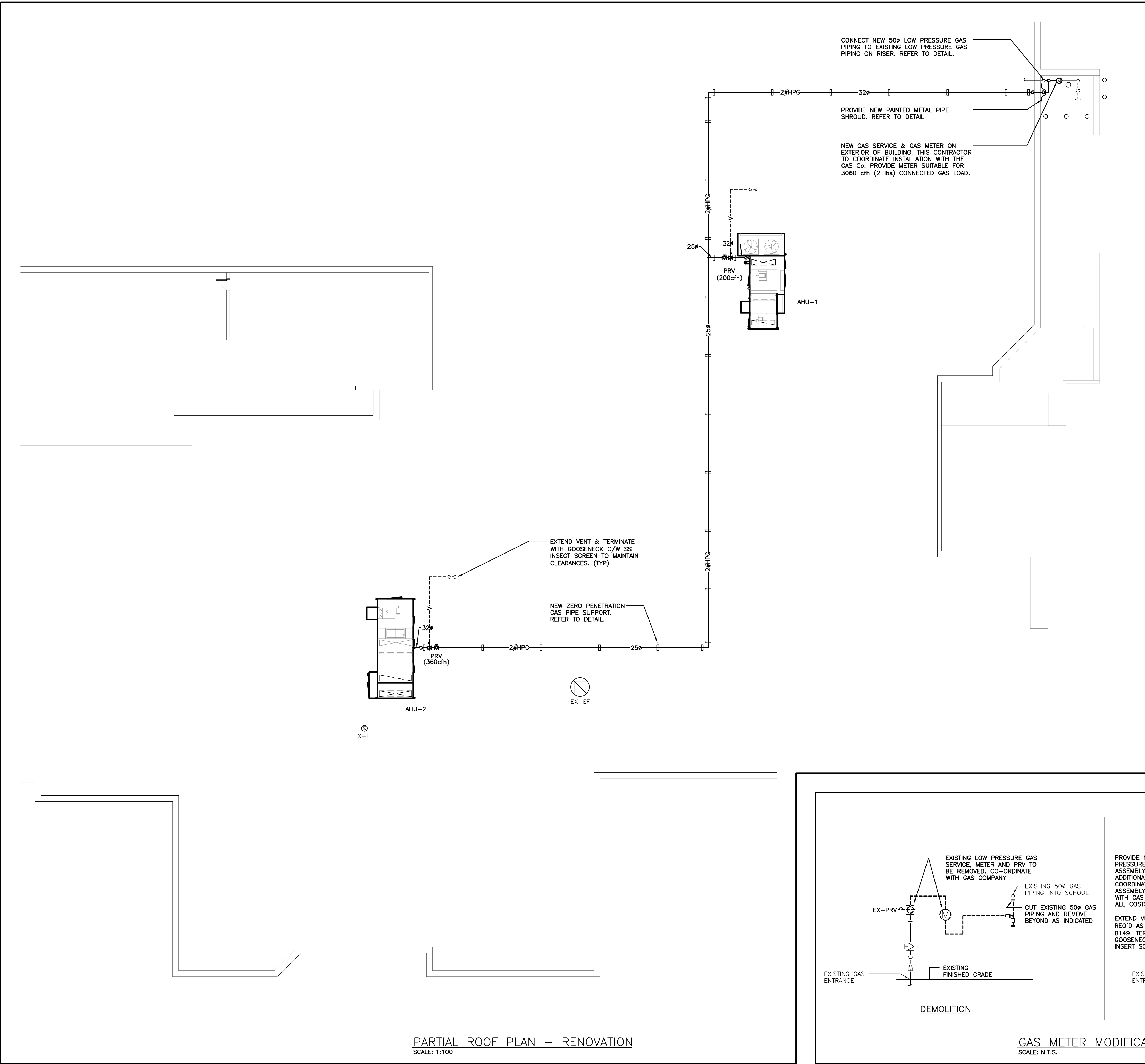


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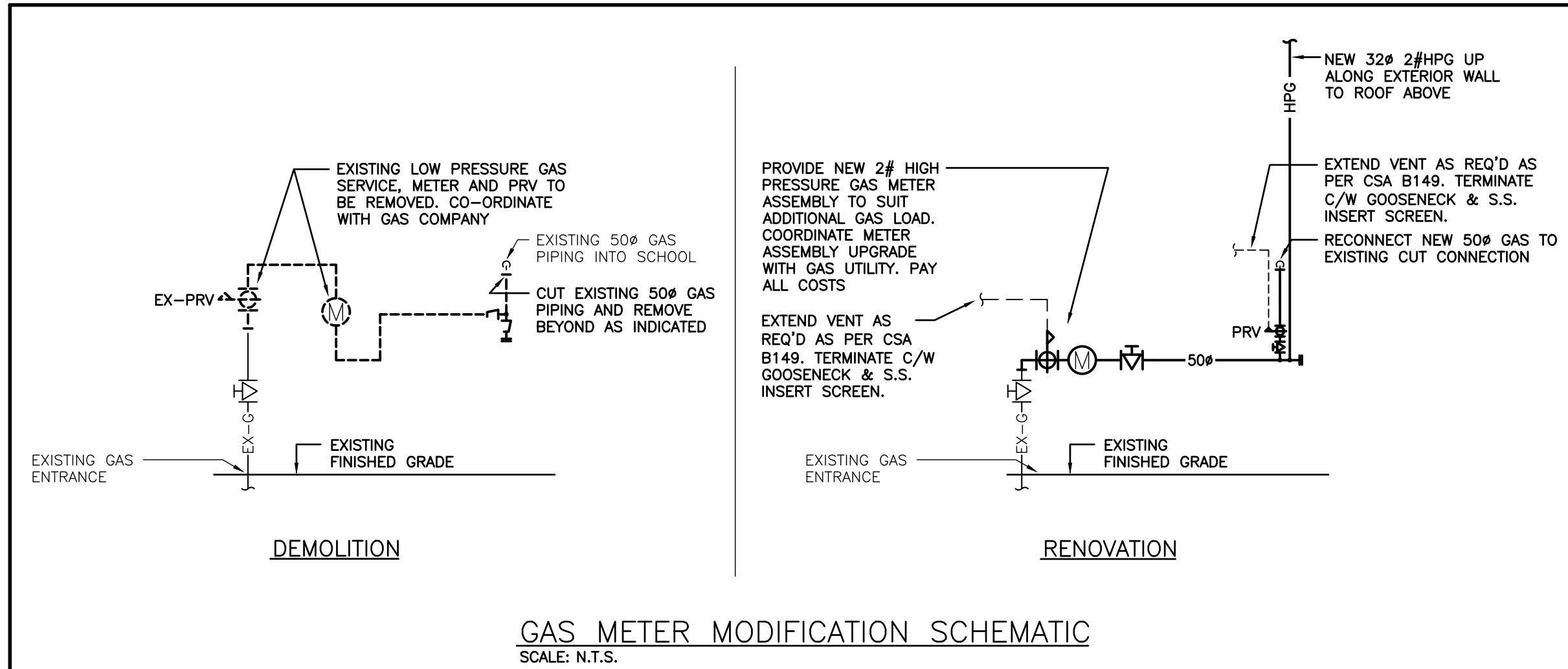
55 Northland Road, Waterloo, ON N2V 1Y8
Phone: 519-725-3555
Website: deiassociates.ca

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Scale AS NOTED	Project Date NOV 2025	Print Date NOV 2025
Project No. 24366	Drawing No. M401	



GENERAL NOTES

- MAINTAIN MINIMUM 3700mm (12'-0") LATERAL DISTANCE BETWEEN SANITARY VENTS AND ALL AIR INTAKE/EXHAUST OPENINGS.
- MAINTAIN MINIMUM 3000mm (10'-0") LATERAL DISTANCE BETWEEN PRV, FUEL FIRED APPLIANCE, AND/OR EXHAUST VENTS AND ALL AIR INTAKE/EXHAUST OPENINGS.
- ALL EQUIPMENT SHALL BE MINIMUM 3.0M FROM EDGE OF ROOF.
- MAINTAIN MINIMUM 7500mm (25'-0") FROM COOLING TOWER EXHAUST TO ANY INTAKE/MECHANICAL OPENING



The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work.

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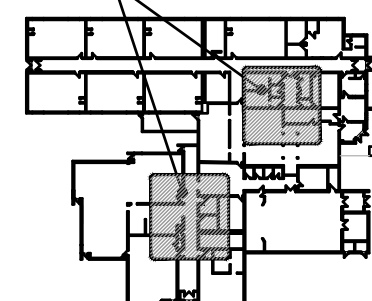
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AREA OF WORK

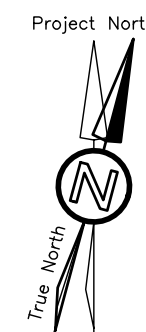
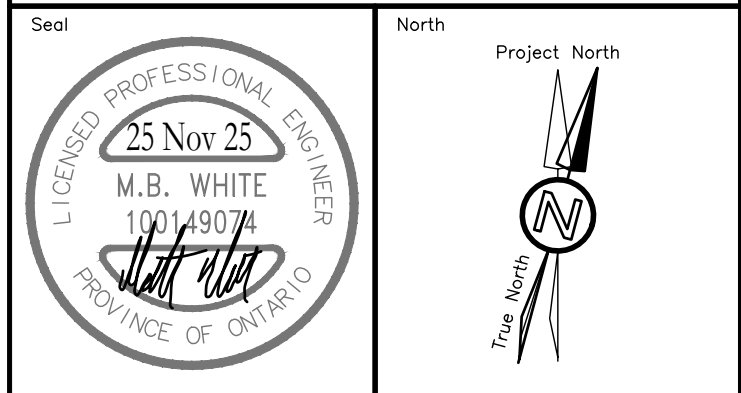


Key Plan

GRAFTON PUBLIC SCHOOL
GRAFTON ONTARIO



KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD



RENOVATION TO:

**GRAFTON PUBLIC
SCHOOL VENTILATION
UPGRADES**

654 Station Rd, Grafton, ON K0K 2G0

Sheet Title

**PARTIAL ROOF PLAN
– RENOVATION**

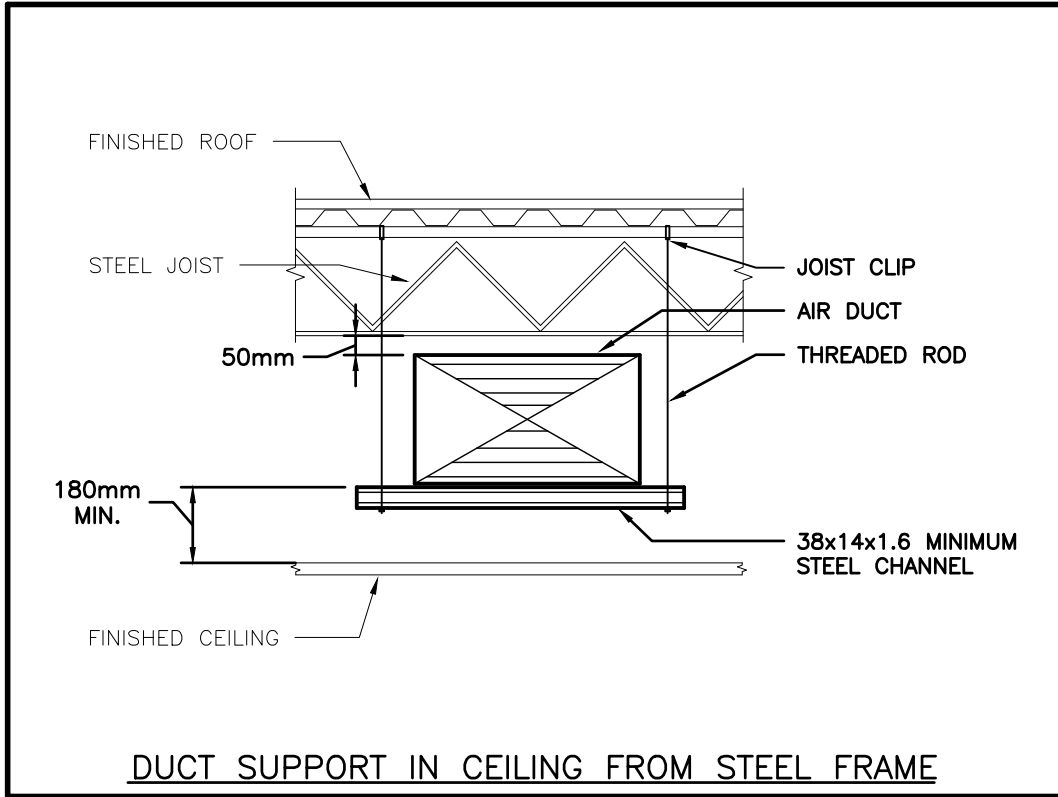


MECHANICAL | ELECTRICAL | AQUATIC

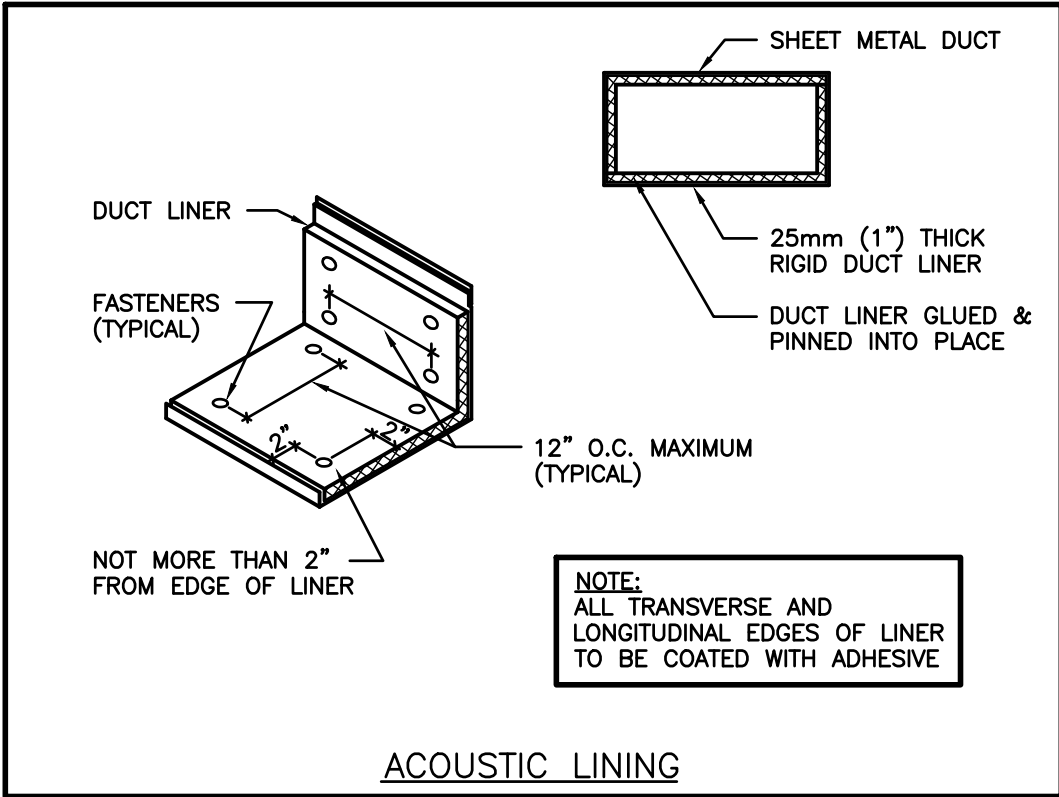
55 Northland Road, Waterloo, ON N2V 1Y8
Phone: 519-725-3555
Website: deiassociates.ca

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Scale AS NOTED	Project Date NOV 2025	Print Date NOV 2025

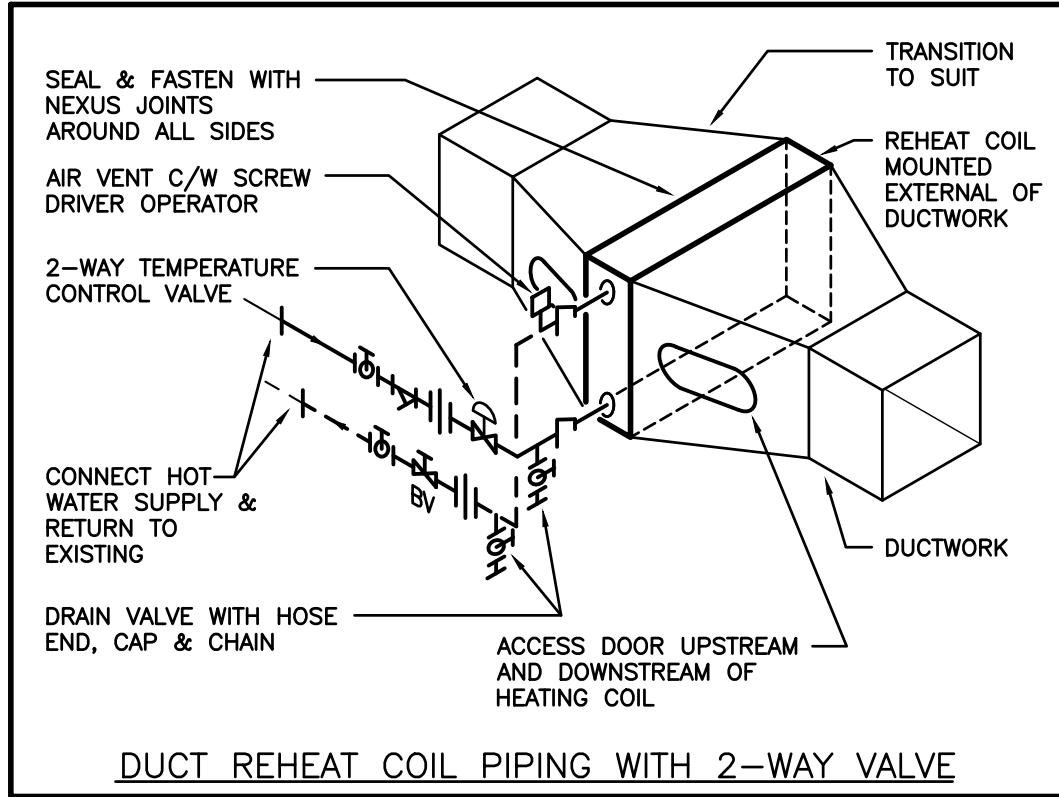
Project No. 24366	Drawing No. M402
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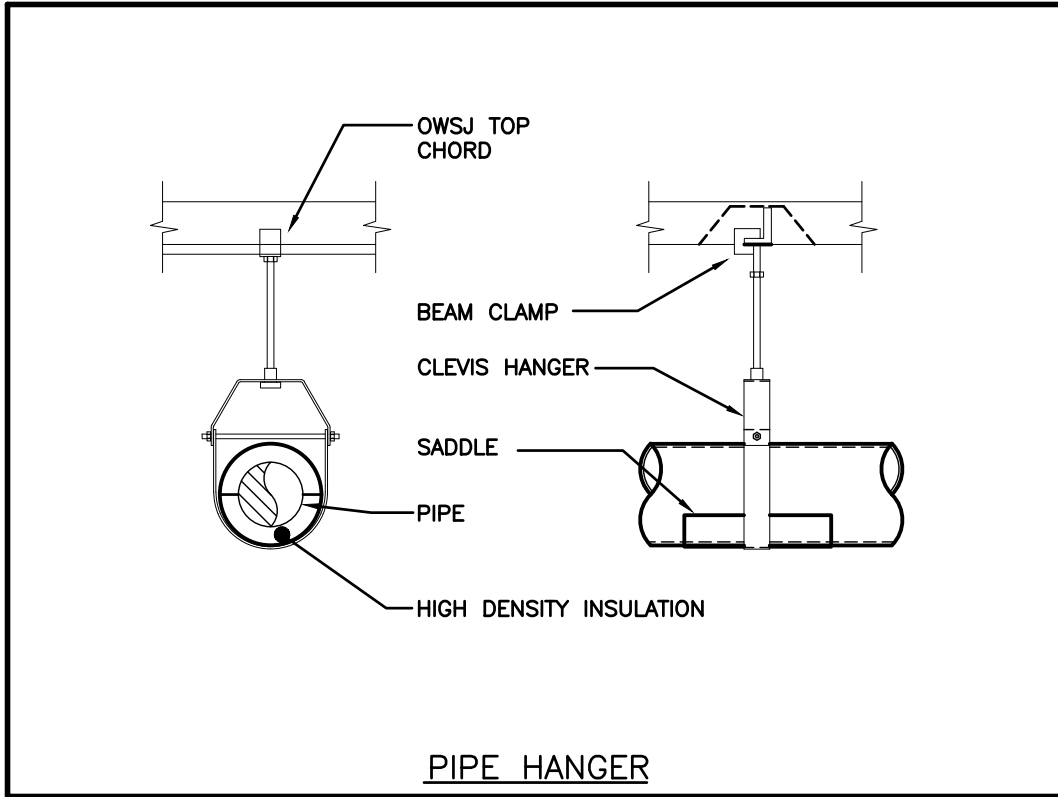
DUCT SUPPORT IN CEILING FROM STEEL FRAME



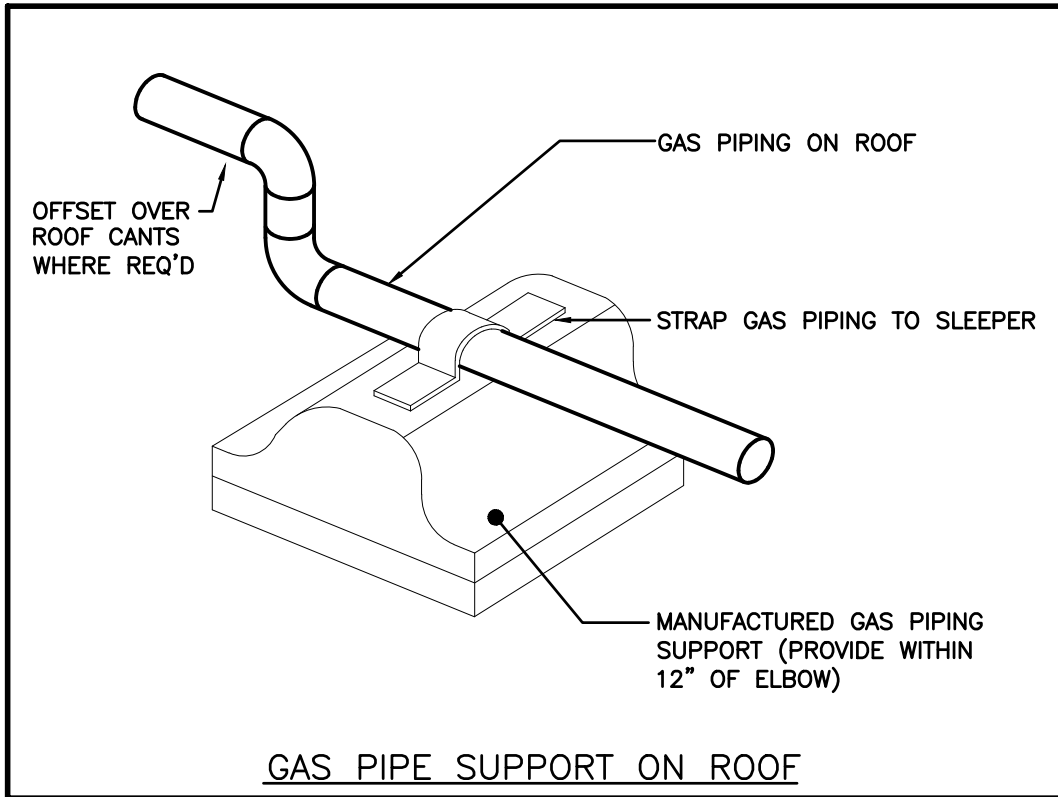
ACOUSTIC LINING



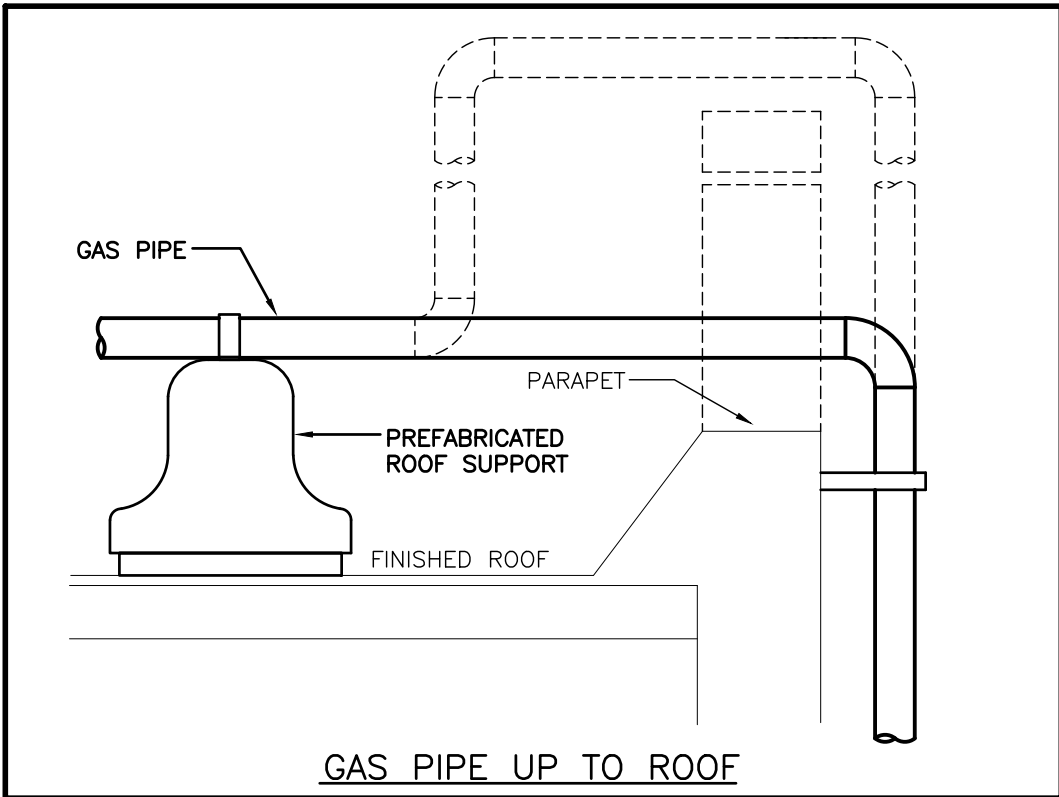
DUCT REHEAT COIL PIPING WITH 2-WAY VALVE



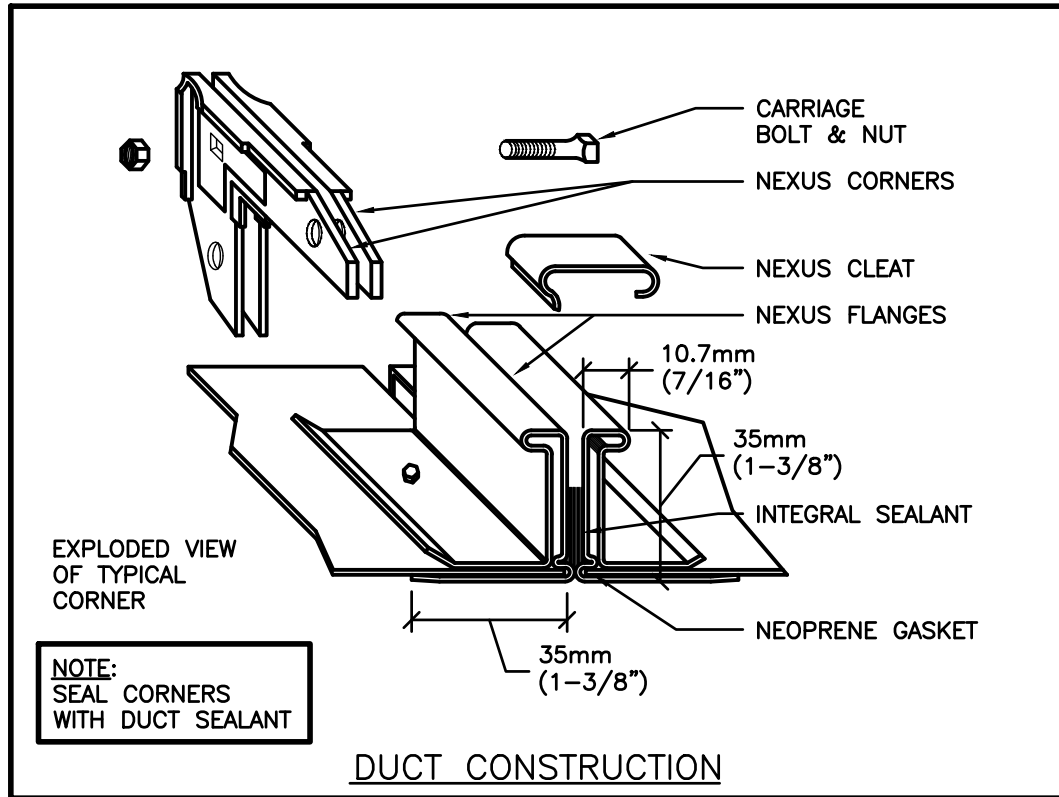
PIPE HANGER



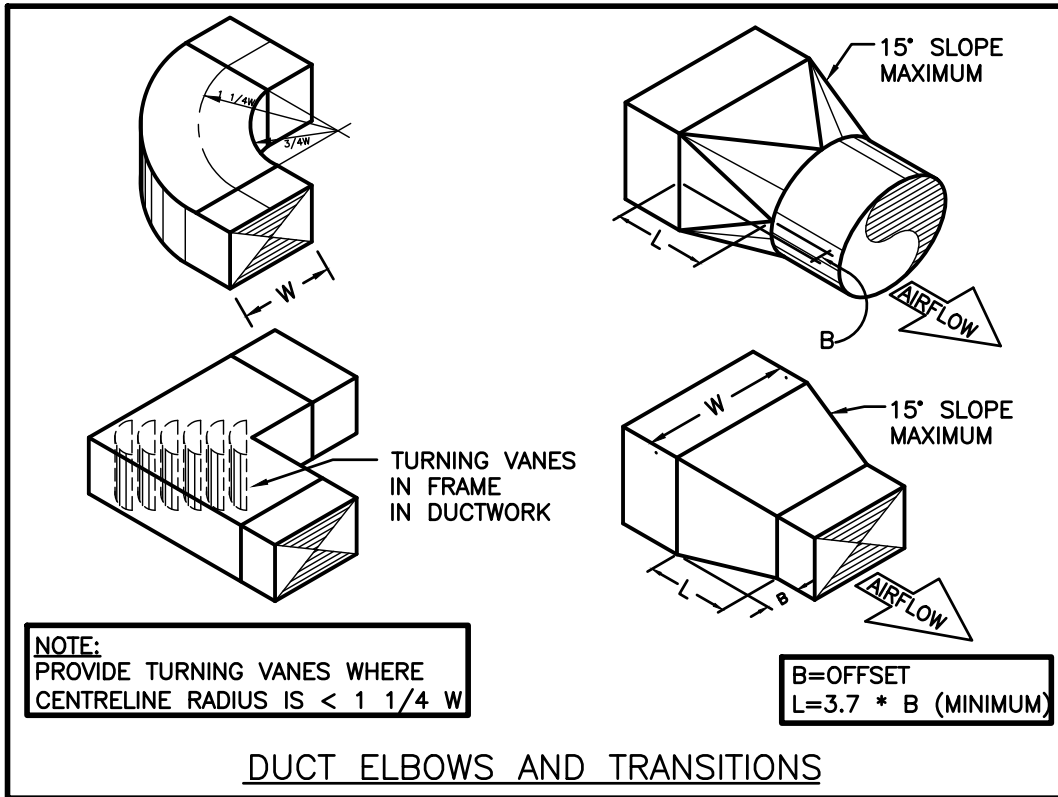
GAS PIPE SUPPORT ON ROOF



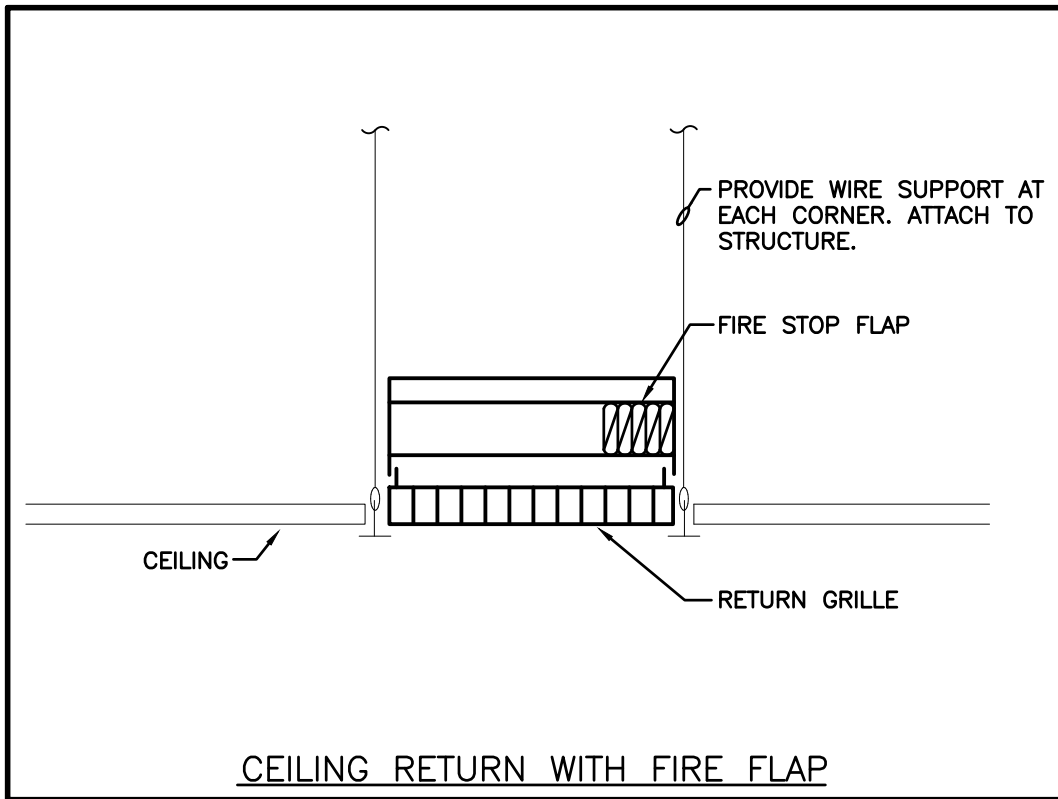
GAS PIPE UP TO ROOF



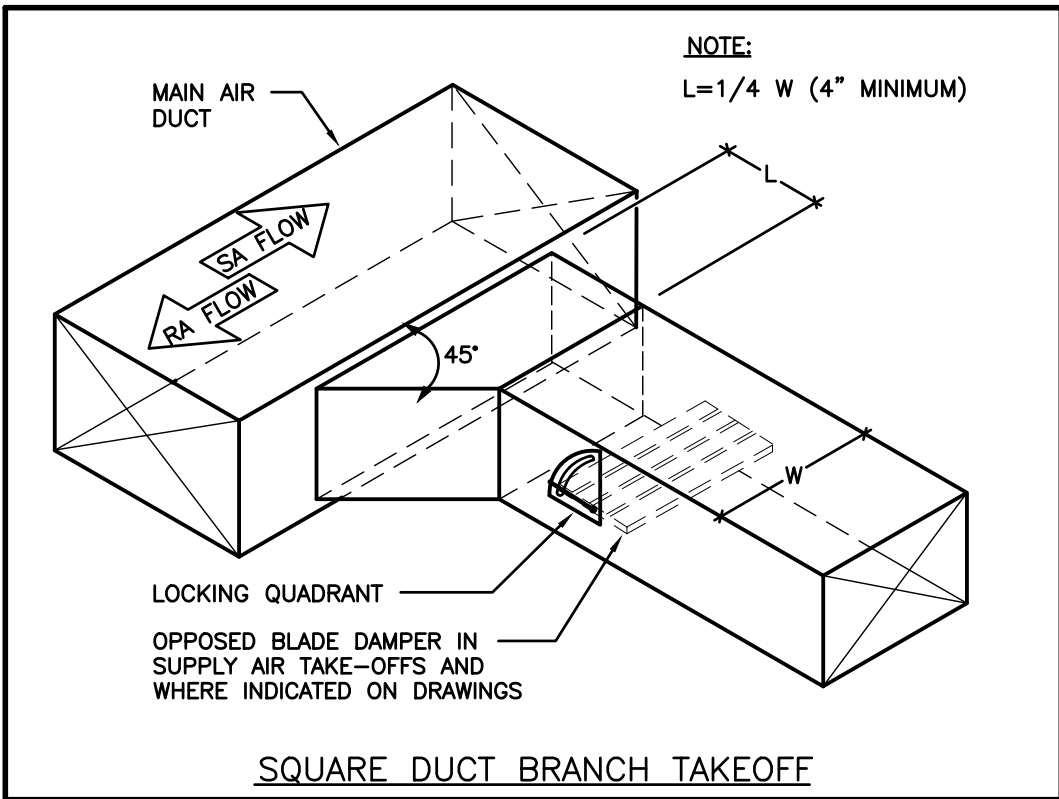
DUCT CONSTRUCTION



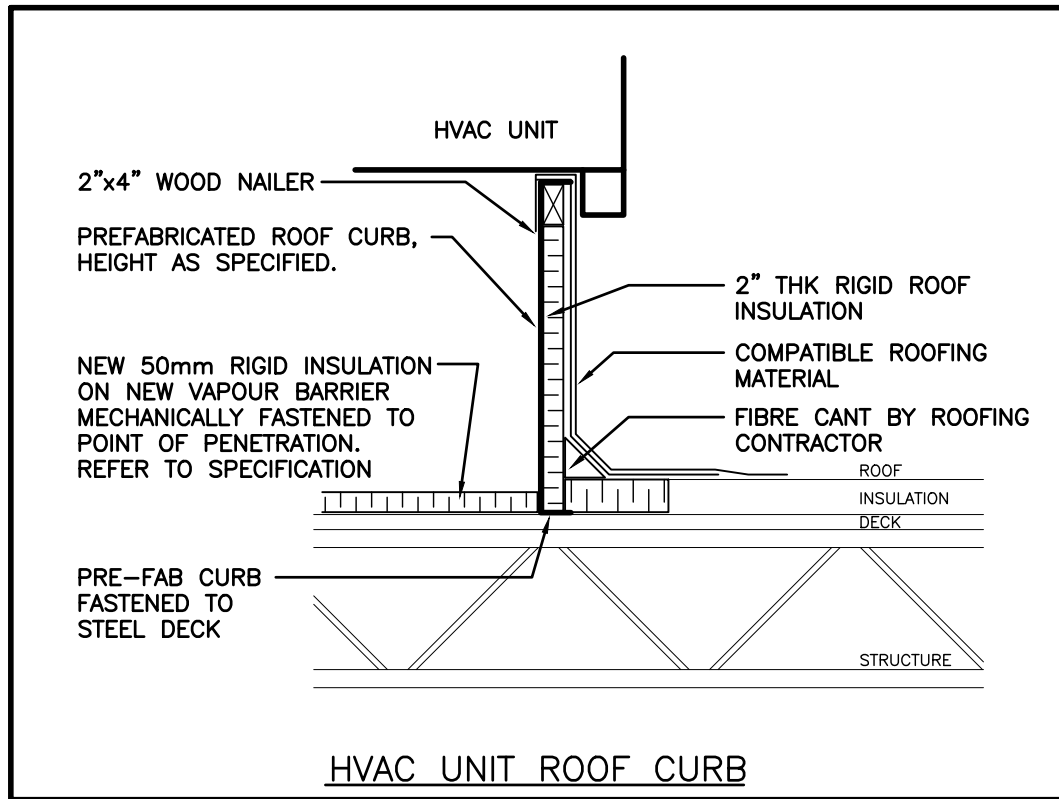
DUCT ELBOWS AND TRANSITIONS



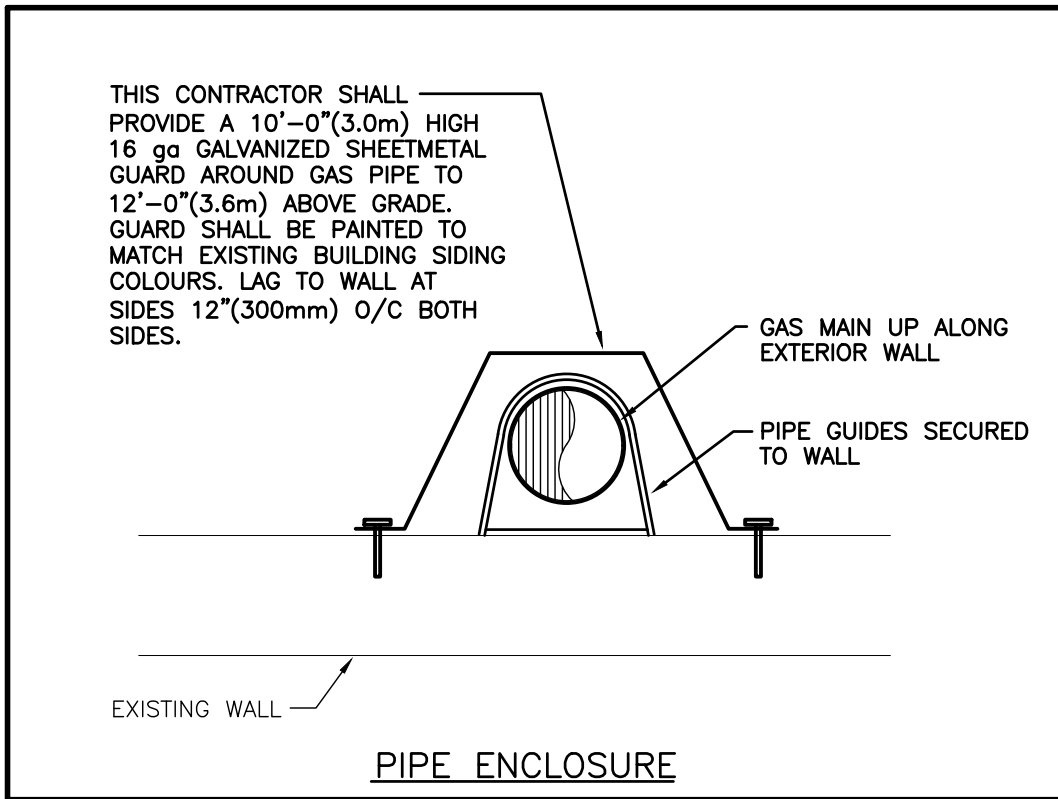
CEILING RETURN WITH FIRE FLAP



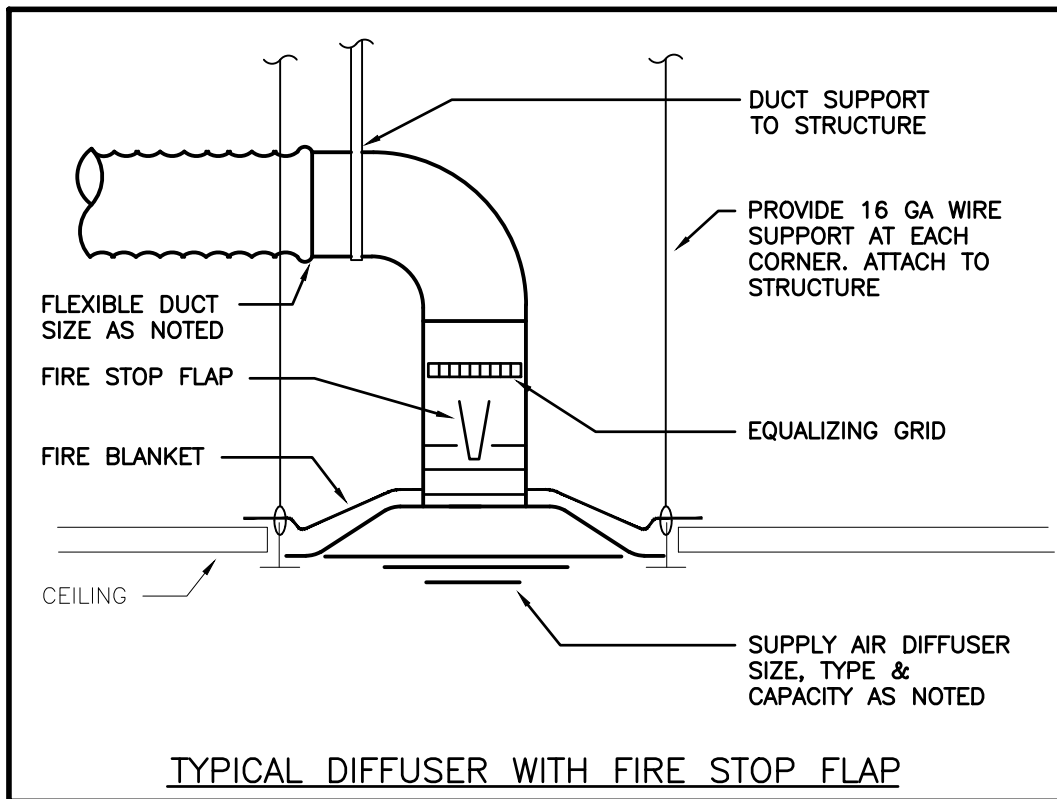
SQUARE DUCT BRANCH TAKEOFF



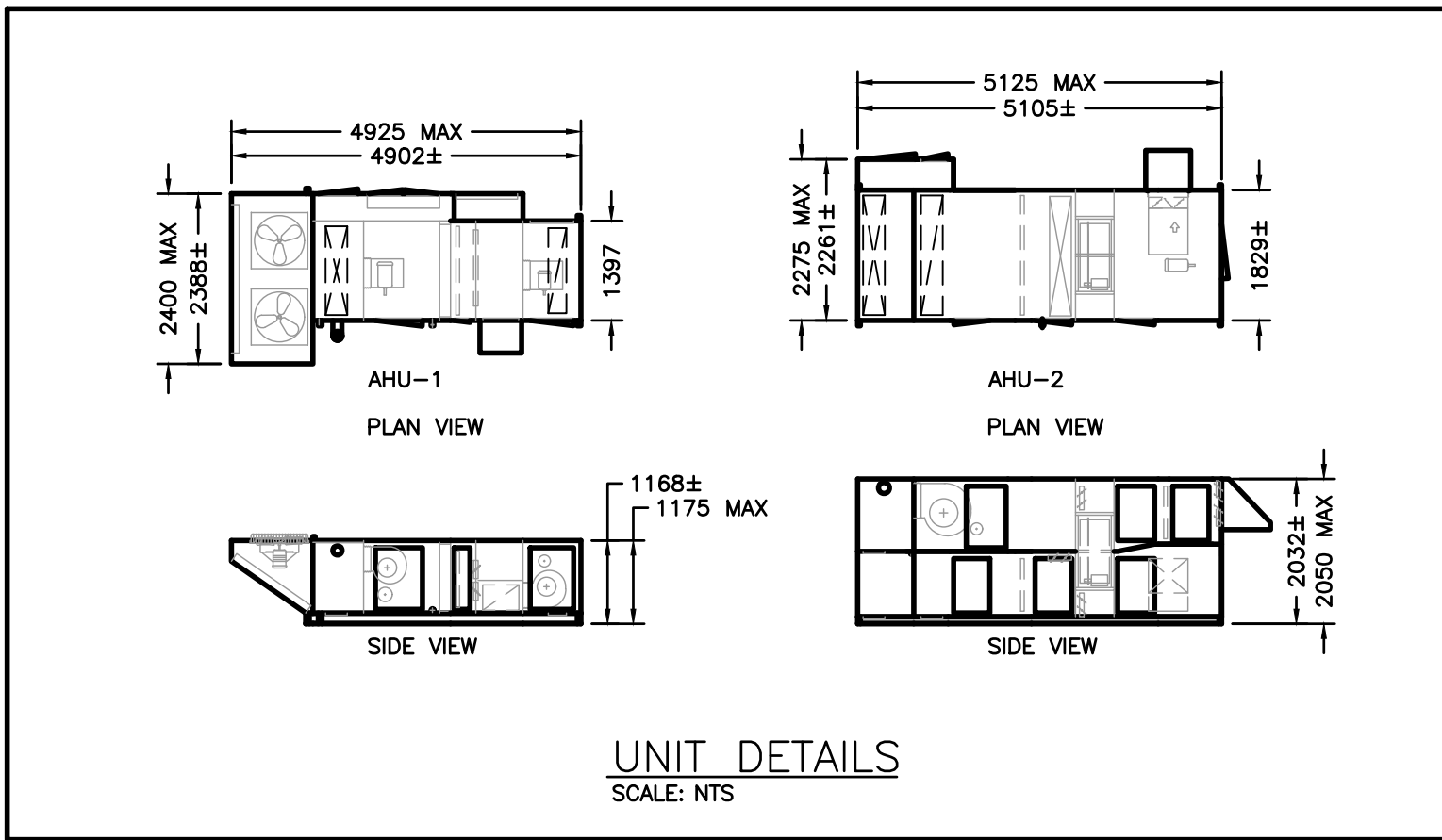
HVAC UNIT ROOF CURB



PIPE ENCLOSURE



TYPICAL DIFFUSER WITH FIRE STOP FLAP



UNIT DETAILS
SCALE: NTS

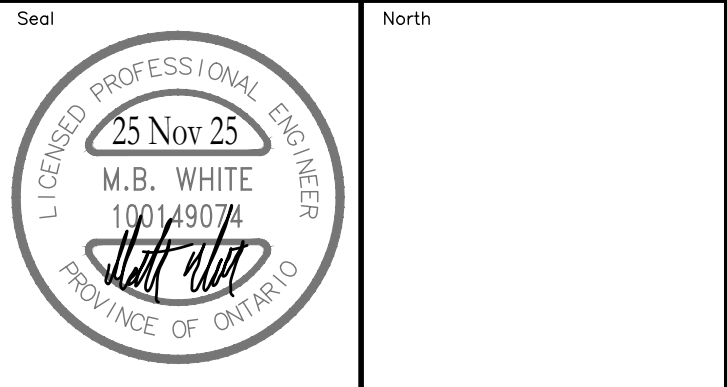
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GRAFTON PUBLIC SCHOOL
GRAFTON ONTARIO



KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD



RENOVATION TO:
GRAFTON PUBLIC SCHOOL VENTILATION UPGRADES
654 Station Rd, Grafton, ON K0K 2G0

Sheet Title
DETAILS

DEI
Consulting Engineers
MECHANICAL | ELECTRICAL | AQUATIC
55 Northland Road, Waterloo, ON N2V 1Y8
Phone: 519-725-3555
Website: deiassociates.ca

Drawn by KB	Checked by DB	Approved by MW
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Project No.	Drawing No.	

24366 **M501**

EXISTING PANEL 'A' SCHEDULE

VOLTAGE: 120/240 VOLTS
PHASE: 1P, 3W
MAINS: 600A
NEUTRAL BUS: FULL
MOUNTING: SURFACE
NOTES: EXISTING SQUARE D 'NQ' SERIES

ER	PANEL 'C'	125A	1	2	125A	PANEL 'F'	ER
		2P	3	4	2P		
ER	PANEL 'B'	125A	5	6	15A	HOT WATER CIRC. PUMP ①	SP
		2P	7	8	30A	HOT WATER HEATER ①	SP
ER	SPACE		9	10	2P		
SP	① BOILER	20A	11	12	20A	CLASSROOM EXHAUST FAN ①	SP
		2P	13	14	2P		
ER	PANEL G	100A	15	16	15A	WASHROOM EXHAUST FAN ①	SP
		2P	17	18	60A	GREENHOUSE HEATER	ER
D	① CIRCULATION PUMP NO. 1	30A	19	20	60A	GREENHOUSE HEATER	ER
		2P	21	22	60A	GREENHOUSE HEATER	ER
D	① CIRCULATION PUMP NO. 2	30A	23	24	2P		
		2P	25	26	100A	PANEL 'J'	RW
ER	PANEL H	100A	27	28	2P		
		2P	29	30	15A	EXIT LIGHTS ①	SP

PROPOSED PANEL 'A' SCHEDULE

AT THE COMPLETION OF THE PROJECT, PROVIDE A NEW TYPE WRITTEN PANEL DIRECTORY AND INCLUDE A COPY IN THE MAINTENANCE MANUALS

ER	PANEL 'C'	125A	1	2	125A	PANEL 'F'	ER
		2P	3	4	2P		
ER	PANEL 'B'	125A	5	6	15A	SPARE	SP
		2P	7	8	30A	SPARE	SP
ER	SPACE		9	10	2P		
SP	SPARE	20A	11	12	20A	SPARE	SP
		2P	13	14	2P		
ER	PANEL G	100A	15	16	15A	SPARE	SP
		2P	17	18	60A	GREENHOUSE HEATER	ER
NB	PANEL 'J'	125A	19	20	2P		
		2P	21	22	60A	GREENHOUSE HEATER	ER
NB	➡ AHU-1	125A	23	24	2P		
		2P	25	26	100A	ROOFTOP UNIT 2 ➡ AHU-2	RW
ER	PANEL H	100A	27	28	2P		
		2P	29	30	15A	SPARE	SP

DESIGNATION

'ER' INDICATES EXISTING SERVICE AND BREAKER THAT SHOULD REMAIN UNTOUCHED
'SP' INDICATES EXISTING BREAKER THAT MAY BECOME SPARE DUE TO DEMOLITION. (CONFIRM ON SITE)
'RW' INDICATES EXISTING BREAKER THAT SHOULD BE WIRED TO SERVICE DEVICES INDICATED ON PLAN
'SB' INDICATES SPARE BREAKER TO BE USED FOR NEW SERVICE INDICATED.
'NB' INDICATES NEW BREAKER AND WIRING TO SERVICE INDICATED. PROVIDE MOUNTING HARDWARE AS REQUIRED.
'D' INDICATES EXISTING BREAKER TO BE REMOVED COMPLETE. PROVIDE FILLER PLATES AS REQUIRED.

NOTES: THIS CONTRACTOR IS TO INVESTIGATE BREAKERS AND REVISE PANEL SCHEDULES TO SUIT RENOVATION, NOTING ANY BREAKERS THAT BECOME SPARE DUE TO DEMOLITION. THIS CONTRACTOR IS ALSO TO NOTIFY THE CONSULTANT OF ANY BREAKERS THAT ARE INDICATED TO BE DEMOLISHED OR REUSED, BUT WHICH ARE IN USE BY OTHER DEVICES OR SERVICES.

PANEL 'J'

VOLTAGE: 120/240 VOLTS
PHASE: 1P, 3W
MAINS: 125A
NEUTRAL BUS: FULL
MOUNTING: SURFACE

* INDICATES 33mA GROUND FAULT STYLE BREAKER

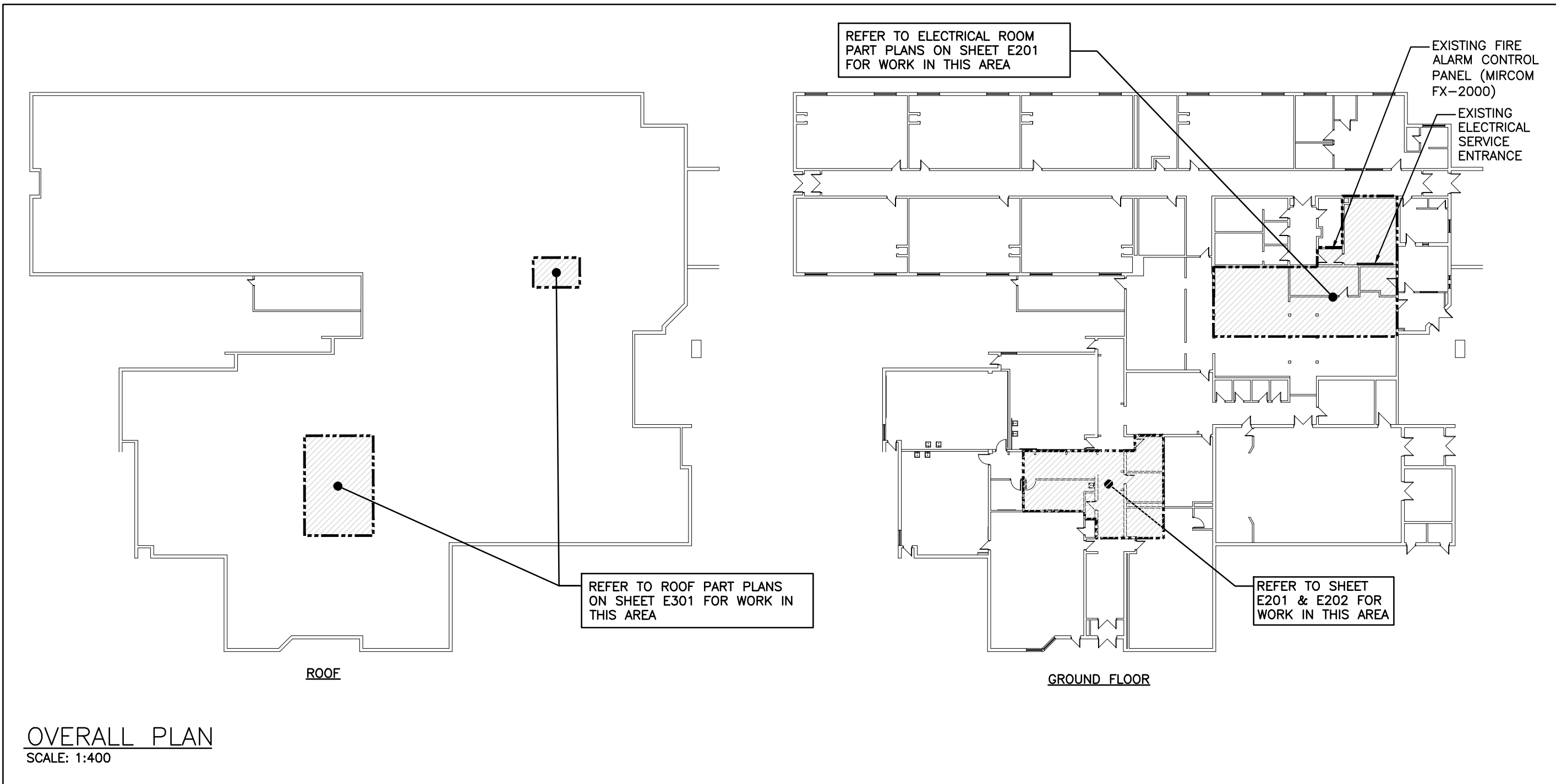
THE CONTRACTOR IS TO COORDINATE ROOM NAMES AND NUMBERS NOTED WITH THE FINAL ROOM INFORMATION ISSUED DURING CONSTRUCTION AND ADJUST DIRECTORIES TO SUIT.

BELL PLUG	15A	1	2	15A	PHOTOCOPIER
EXISTING LOAD	15A	3	4	15A	FIRE ALARM
FLOOR MACHINE	15A	5	6	15A	LIGHTS
EXISTING LOAD	15A	7	8	15A	DOOR HOLDERS
WASH LIGHTS	15A	9	10	15A	AD01
COMP 01L	15A	11	12	15A	UH01
	2P	13	14	20A	BOILER
EXISTING LOAD	15A	15	16	2P	
CU-1	30A	17	18	30A	CIRC PUMP 1
	2P	19	20	2P	
MAINT REC CU-1	20A	21	22	30A	CIRC PUMP 2
CLASSROOM EXHAUST FAN	20A	23	24	2P	
	2P	25	26	15A	HOT WATER CIRC PUMP
WASHROOM EXHAUST FAN	15A	27	28	30A	HOT WATER HEATER
EXIT LIGHTS	15A	29	30	2P	
SPARE	15A	31	32	20A	SPARE
SPARE	15A	33	34	20A	SPARE
SPARE	15A	35	36	20A	SPARE
SPACE		37	38	SPACE	
SPACE		39	40	SPACE	
SPACE		41	42	SPACE	

NOTE: THE INDICATED PANEL ASSEMBLY MUST HAVE AN INTERRUPTING CAPACITY OF 14,000A . PROVIDE BY EITHER FULLY RATED BREAKERS OR INTEGRATED EQUIPMENT RATING WITH THE UPSTREAM BREAKER.

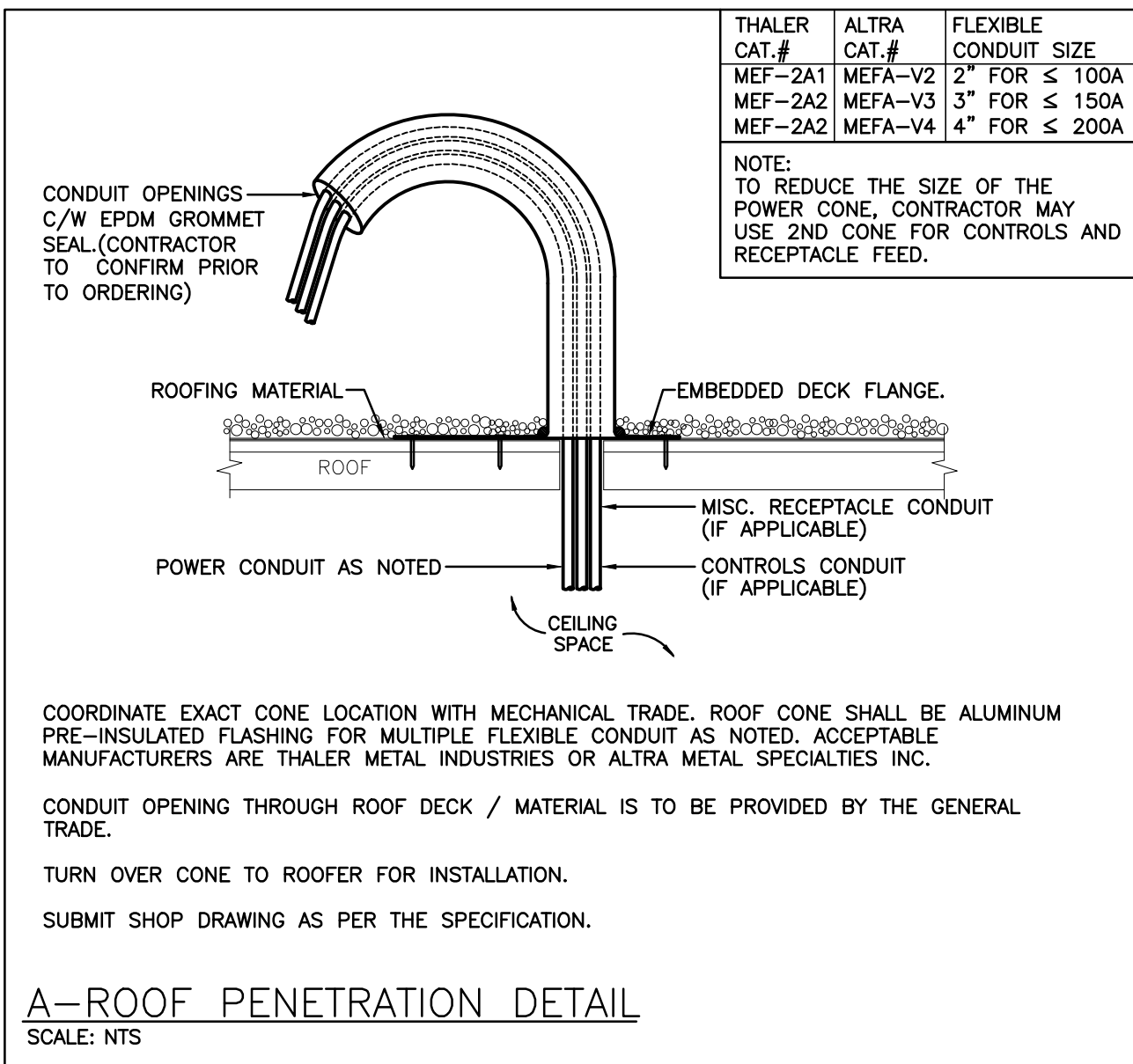
PANEL SPECIFIC NOTES

1 INDICATED EXISTING LOADS ARE TO BE REWORKED TO BE FED FROM NEW PANEL 'J'. CONTRACTOR TO EXTEND ALL CONDUIT AND BRANCH CIRCUIT WIRING AS NECESSARY.



EQUIPMENT WIRING SCHEDULE

Description			Electrical Data			Starter			Control Device			Isolating Device			Remote Items										Interlock		OTHERS							
Mechanical Item	Description	Provided By	Voltage	Size hp/kW/Amps	Phase	MCCP	Magnetic	Manual	Contactor	Combination	VFD	Hand/Off/Auto	On/Off Selector	Start/Stop PB.	High/Low/Off	Pilot Light	Disconnect	WP Disconnect	Breaker/Fuse	Starter/Device Wired by	Thermostat	RA Thermostat	Variable Speed Control	Current Sensor	Occ Sensor	Dual Voltage Relay	Interval Timer	Control Panel	Wired by	Bldg Auto System	Wired By	Interlock to	Interlock by	Remarks
AHU-1	ROOFTOP AIR HANDLING UNIT (LIBRARY)	M	240	91.7 MCA	1	110					M							E	E	E									M	M				
AHU-2	ROOFTOP AIR HANDLING UNIT (KINDERGARTEN)	M	240	105.2 MCA	1	125					M							E	E	E										M	M			



ELECTRICAL SYMBOLS

NOTE: ALL SYMBOLS MAY NOT BE USED

LIGHTING		POWER	
ⓧ	LIGHT FIXTURE TYPE AS INDICATED	⚡	WALL MOUNTED T-SLOT RECEPTACLE (20A-120V)
ⓧ	CEILING MOUNTED EXIT LIGHT ARROWS DENOTE DIRECTION SHADING INDICATES FACE	ⓧ	PANEL AS INDICATED
ⓧ	RECESSED REMOTE EMERGENCY FIXTURES	ⓧ	FUSED DISCONNECT
COMMUNICATIONS		ⓧ	UNFUSED DISCONNECT
ⓧ	WIRELESS ACCESS POINT. PROVIDE 3/4" (21mm) C TO CABLE MANAGEMENT SYSTEM	GENERAL	
ⓧ	HANGER SYSTEM (REFER TO DETAILS)	ER	INDICATES EXISTING ITEM TO REMAIN
ⓧ	CEILING MOUNTED P.A. SPEAKER	D	INDICATES EXISTING ITEM TO BE DELETED
FIRE ALARM		R	INDICATES EXISTING ITEM TO BE RELOCATED/IN RELOCATED POSITION
ⓧ	HEAT DETECTOR (135 DEGREE RATE OF RISE AND FIXED TEMPERATURE)	GF	GROUND FAULT
ⓧ	HEAT DETECTOR (135 DEGREE FIXED TEMPERATURE)	WP	WEATHERPROOF
ⓧ	SMOKE DETECTOR (RL=RELAY BASE)	ⓧ	NOTE INDICATOR
		ⓧ	MECHANICAL ITEM NO.
STANDARD CIRCUIT LABELING			
POWER PANEL LABEL A-1-1 CIRCUIT INDICATION SWITCH LEG (IF APPLICABLE)			

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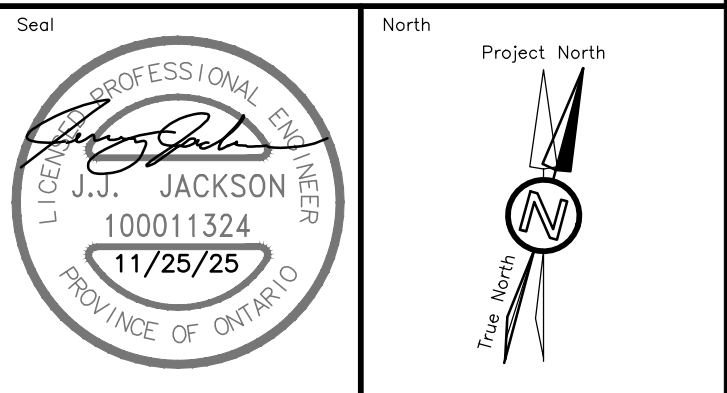
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GRAFTON PUBLIC SCHOOL
GRAFTON ONTARIO



KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD



RENOVATION TO:

GRAFTON PUBLIC
SCHOOL VENTILATION
UPGRADES

654 Station Rd, Grafton, ON K0K 2G0

Sheet

OVERALL PLAN, LEGEND,
& DETAILS



Consulting Engineers

MECHANICAL | ELECTRICAL | AQUATIC

55 Northland Road, Waterloo, ON N2V 1Y8

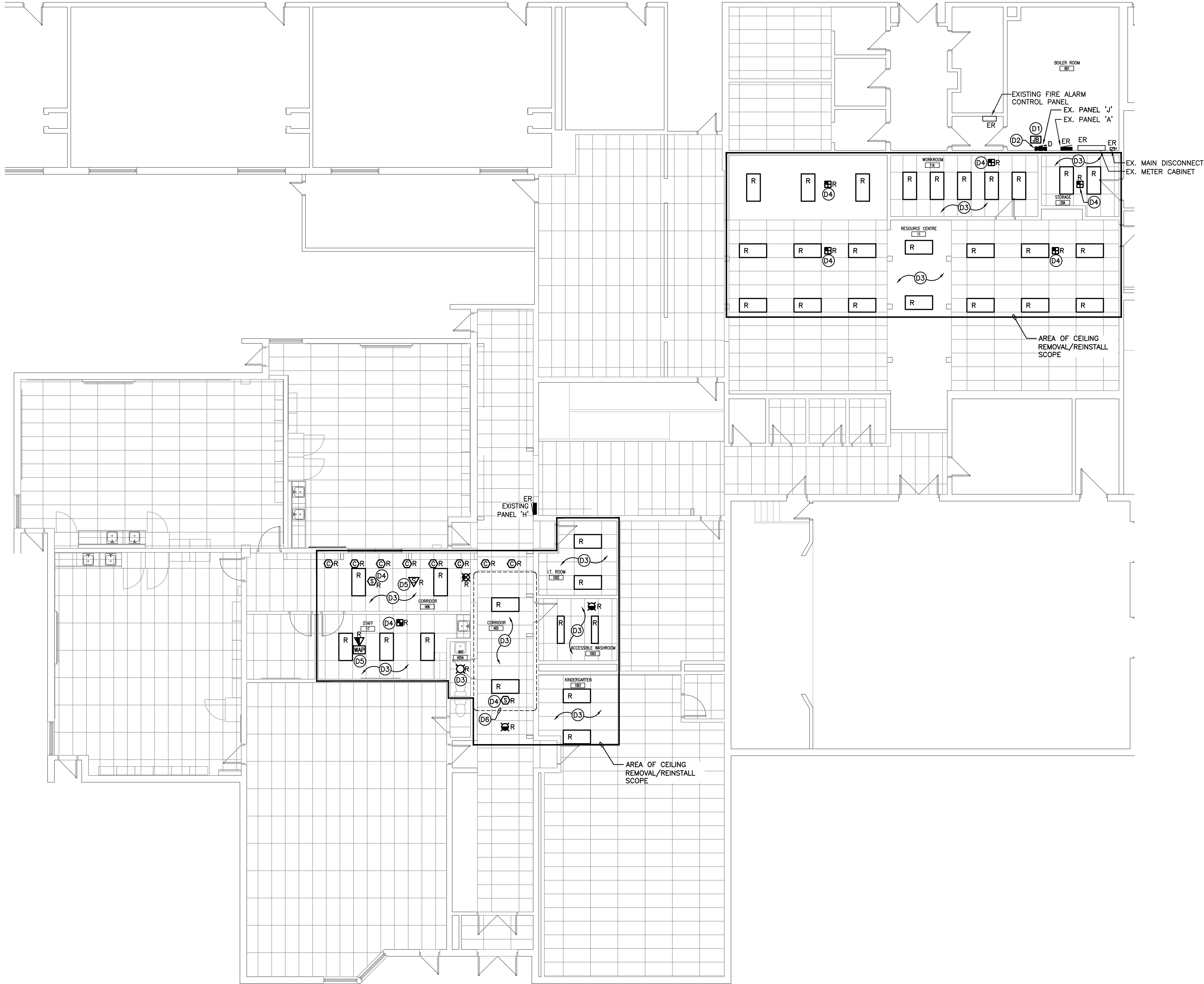
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Website: deiassociates.ca

Drawn by KV	Checked by AS	Approved by JJ
Scale AS NOTED	Project Date NOV 2025	Print Date NOV 2025
Project No.	Drawing No.	

24366

E101



PARTIAL GROUND FLOOR DEMOLITION PLAN
SCALE: 1:50

GENERAL DEMOLITION NOTES

- 'ER' DENOTES EXISTING ITEM TO REMAIN.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
- 'R' INDICATES EXISTING ITEM TO BE RELOCATED. REFER TO RENOVATION DRAWINGS AND RELOCATE DEVICE AND WIRING TO SUIT. UNLESS OTHERWISE NOTED.
- 'D' INDICATES EXISTING ITEM TO BE DELETED. UNLESS OTHERWISE NOTED DISCONNECT AND REMOVE NOTED DEVICE AND WIRING BACK TO SOURCE.
- EXISTING WALL MOUNTED EMERGENCY LIGHTING IN EACH AREA NOT AFFECTED BY SCOPE OF THIS RENOVATION WORK NOT SHOWN FOR CLARITY.

SPECIFIC DEMOLITION NOTES

- D1 PROVIDE ADEQUATELY SIZED JUNCTION BOX ABOVE EXISTING PANEL FOR EXTENSION/RECONNECTION OF EXISTING CIRCUITS TO NEW PANEL AS SHOWN ON RENOVATION PLAN.
- D2 REWORK EXISTING CONDUITS WITHIN NOTED AREA AS NECESSARY TO MAKE SPACE FOR NEW PANEL AS SHOWN ON RENOVATION PLAN.
- D3 MAINTAIN EXISTING LOCAL LIGHTING BRANCH CIRCUIT AND CONTROLS FOR RE-USE WITH RELOCATED FIXTURES PER RENOVATION PLANS.
- D4 MAINTAIN EXISTING CEILING MOUNTED DEVICES AND WIRING FOR RE-USE IN RENOVATION PLAN.
- D5 MAINTAIN EXISTING DATA CABLING COILED IN CEILING SPACE FOR RE-USE IN RENOVATION PLAN.
- D6 INDICATES AREA OF STRUCTURAL STEEL REINFORCEMENT FOR INSTALLATION OF NEW ROOF TOP MECHANICAL UNIT. EXISTING CEILING TILE AND GRID TO BE REMOVED AND RE-INSTALLED IN AREAS SHOWN. REMOVE, REINSTALL, REROUTE EXISTING BRANCH CIRCUITS, BRANCH FEEDERS, PA CABLING, SECURITY CABLING, FIRE ALARM, ETC. TO SUIT. COORDINATE EXTENT OF ROOF STRUCTURE REMOVAL AND INSTALLATION WITH ARCHITECTURAL, MECHANICAL & STRUCTURAL DRAWINGS. INCLUDE FOR TWO (2) DAYS TRADE TIME TO PERFORM WORK ON THESE SYSTEMS FOR EACH SPECIFIC AREA NOTED.

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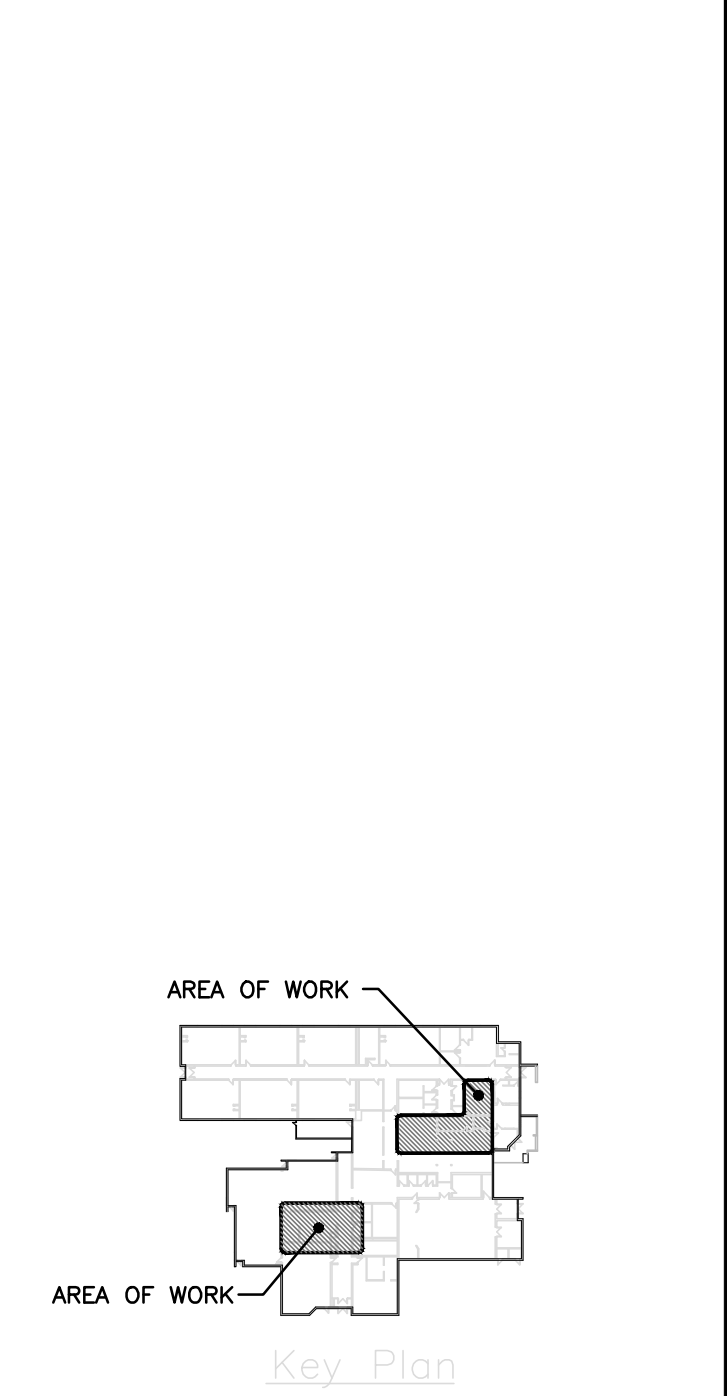
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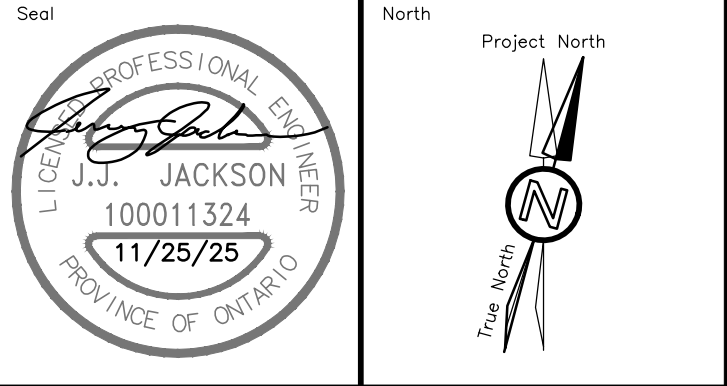
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GRAFTON PUBLIC SCHOOL
GRAFTON ONTARIO



KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD

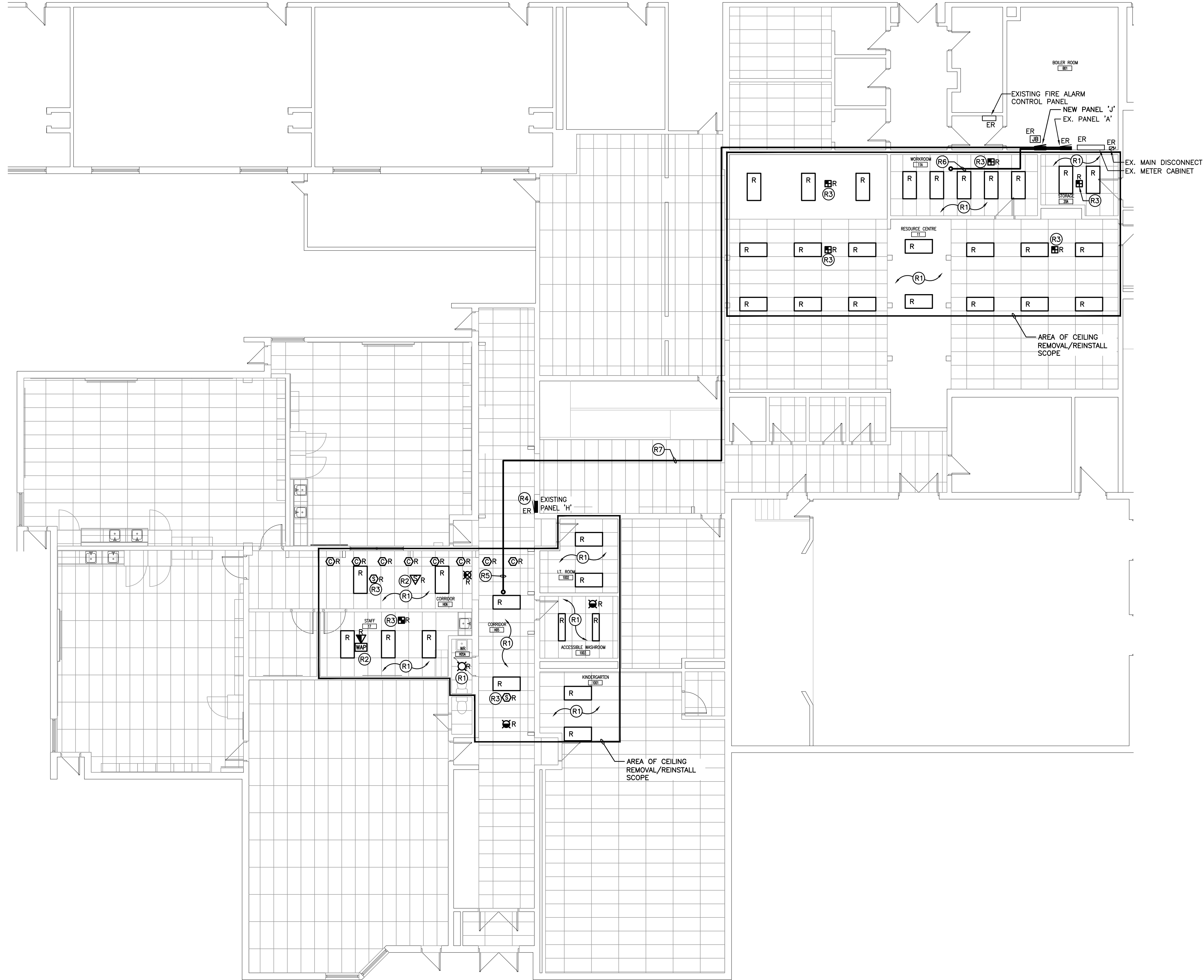


RENOVATION TO:
**GRAFTON PUBLIC
SCHOOL VENTILATION
UPGRADES**
654 Station Rd, Grafton, ON K0K 2G0

Sheet Title
**PARTIAL GROUND
FLOOR DEMOLITION
PLAN**

DEI
Consulting Engineers
MECHANICAL | ELECTRICAL | AQUATIC
55 Northland Road, Waterloo, ON N2V 1Y8
Phone: 519-725-3555
Website: deiassociates.ca

Drawn by KV/JAG	Checked by AS	Approved by JJ
Scale AS NOTED	Project Date NOV 2025	Print Date NOV 2025
Project No. 24366	Drawing No. E201	



PARTIAL GROUND FLOOR RENOVATION PLAN
SCALE: 1:50

GENERAL RENOVATION NOTES

- 'ER' INDICATES EXISTING ITEM TO REMAIN.
- 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
- ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
- MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

SPECIFIC RENOVATION NOTES

- R1 INDICATED LIGHT FIXTURE TO BE RECONNECTED TO EXISTING LOCAL LIGHTING CIRCUIT AND CONTROLS.
- R2 RECONNECT RELOCATED DEVICE TO EXISTING WIRING TO SUIT CEILING REPLACEMENT.
- R3 RECONNECT RELOCATED DEVICE TO EXISTING FIRE ALARM INITIATING LOOP TO SUIT CEILING TILE REPLACEMENT. RE-VERIFY AFFECTED FIRE ALARM SYSTEM DEVICES.
- R4 INDICATES EXISTING PANEL 'H' (1-T-E CIRCUIT BREAKER LTD. 225A 120/240V 1PH, 3W, 42 CIRCUIT (5 SPACES)). PROVIDE NEW BREAKERS AND FEED TO NEW LOADS AS FOLLOWS. PROVIDE NEW UPDATED TYPEWRITTEN PANEL DIRECTORY.
- | CIRCUIT | NEW BREAKER | FEEDER | DESCRIPTION |
|---------|-------------|----------------------|---------------------|
| H-37 | 20A-1P | 2#12 T90 CU IN 21mmC | ROOFTOP MAINT. REC. |
- R5 INDICATES APPROX. ROUTING OF NEW MECHANICAL UNIT AHU-1 FEEDER THROUGH CEILING SPACE. COORDINATE INSTALLATION ON SITE WITH EXISTING CONDITIONS.
- R6 INDICATES APPROX. ROUTING OF NEW MECHANICAL UNIT AHU-2 FEEDER THROUGH CEILING SPACE. COORDINATE INSTALLATION ON SITE WITH EXISTING CONDITIONS.
- R7 INDICATES APPROX. ROUTING OF NEW EQUIPMENT FEEDER WIRING IN CONDUIT TO AREA OF WORK THROUGH ACCESSIBLE CEILING SPACE. FIRESTOP ALL PENETRATIONS. REPLACE ANY DAMAGED CEILING TILES AS A RESULT OF RENOVATION WORK. COORDINATE INSTALLATION WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN.

EMERGENCY LIGHTING TESTING

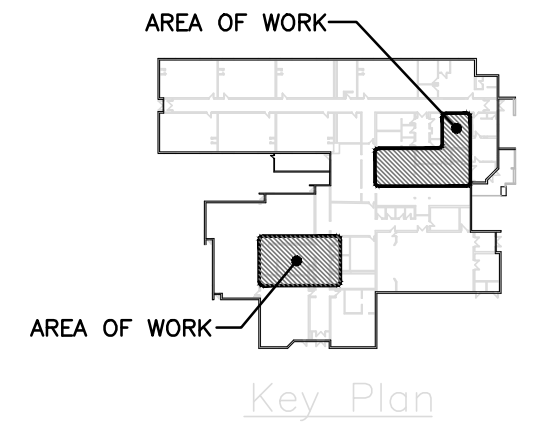
ELECTRICAL CONTRACTOR SHALL PERFORM TESTING ON EXISTING RELOCATED EMERGENCY LIGHTING FIXTURES TO ENSURE PROPER OPERATION AND DURATION PER SPECIFICATIONS.

FIRE ALARM TESTING AND VERIFICATION

ELECTRICAL CONTRACTOR SHALL PERFORM FIRE ALARM VERIFICATION AS PER CAN/ULC S537 AND FIRE ALARM ANNUAL TESTING/INSPECTION AS PER CAN/ULC S536 OF EXISTING FIRE ALARM SYSTEM.

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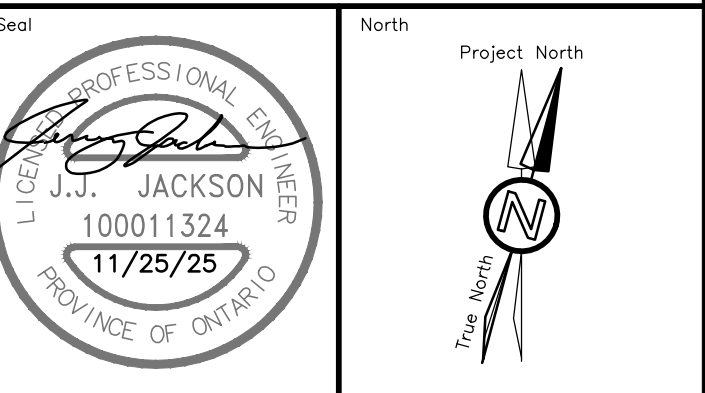
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GRAFTON PUBLIC SCHOOL
GRAFTON ONTARIO



KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD



RENOVATION TO:
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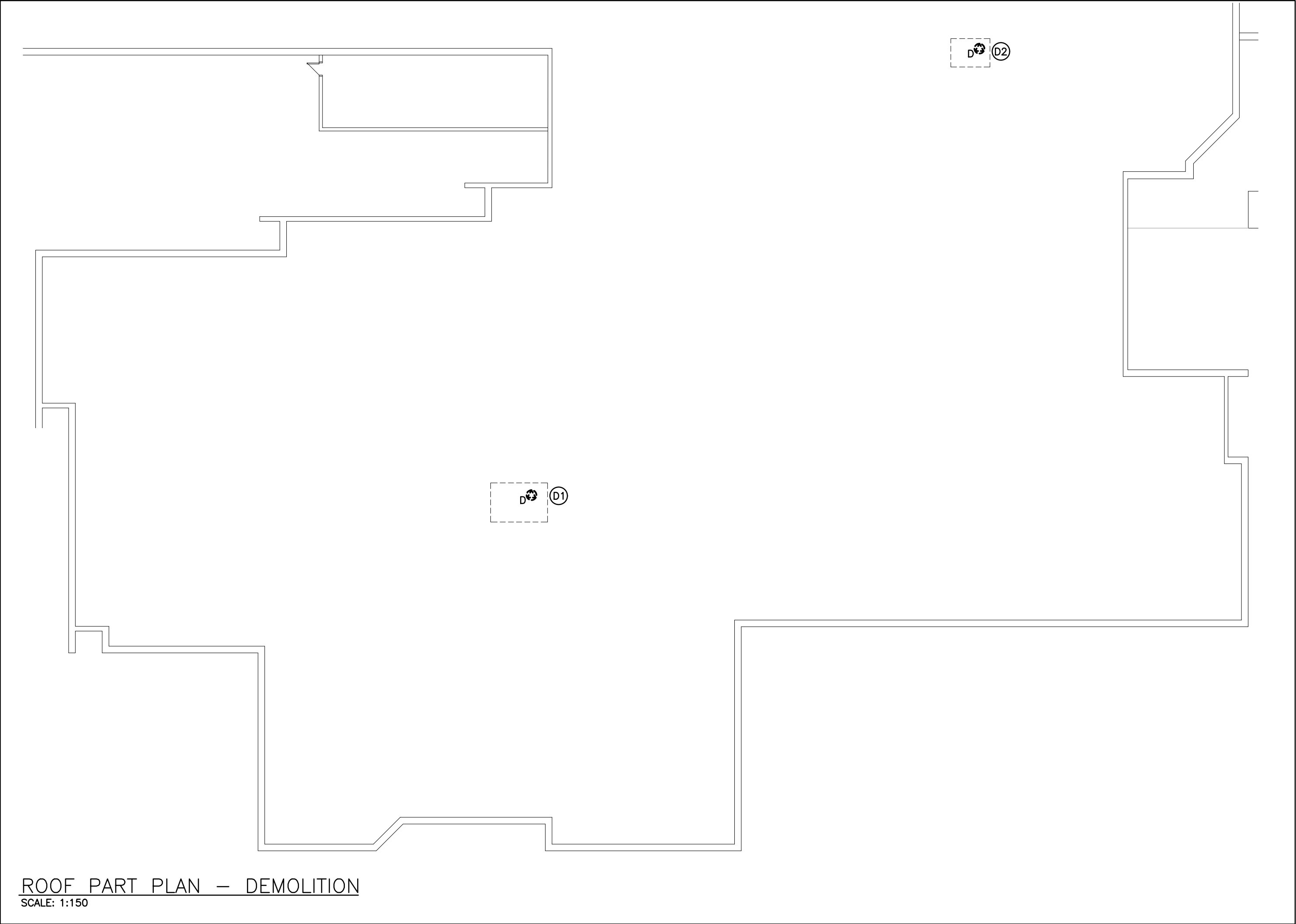
654 Station Rd, Grafton, ON K0K 2G0

Sheet Title
PARTIAL GROUND FLOOR RENOVATION PLAN

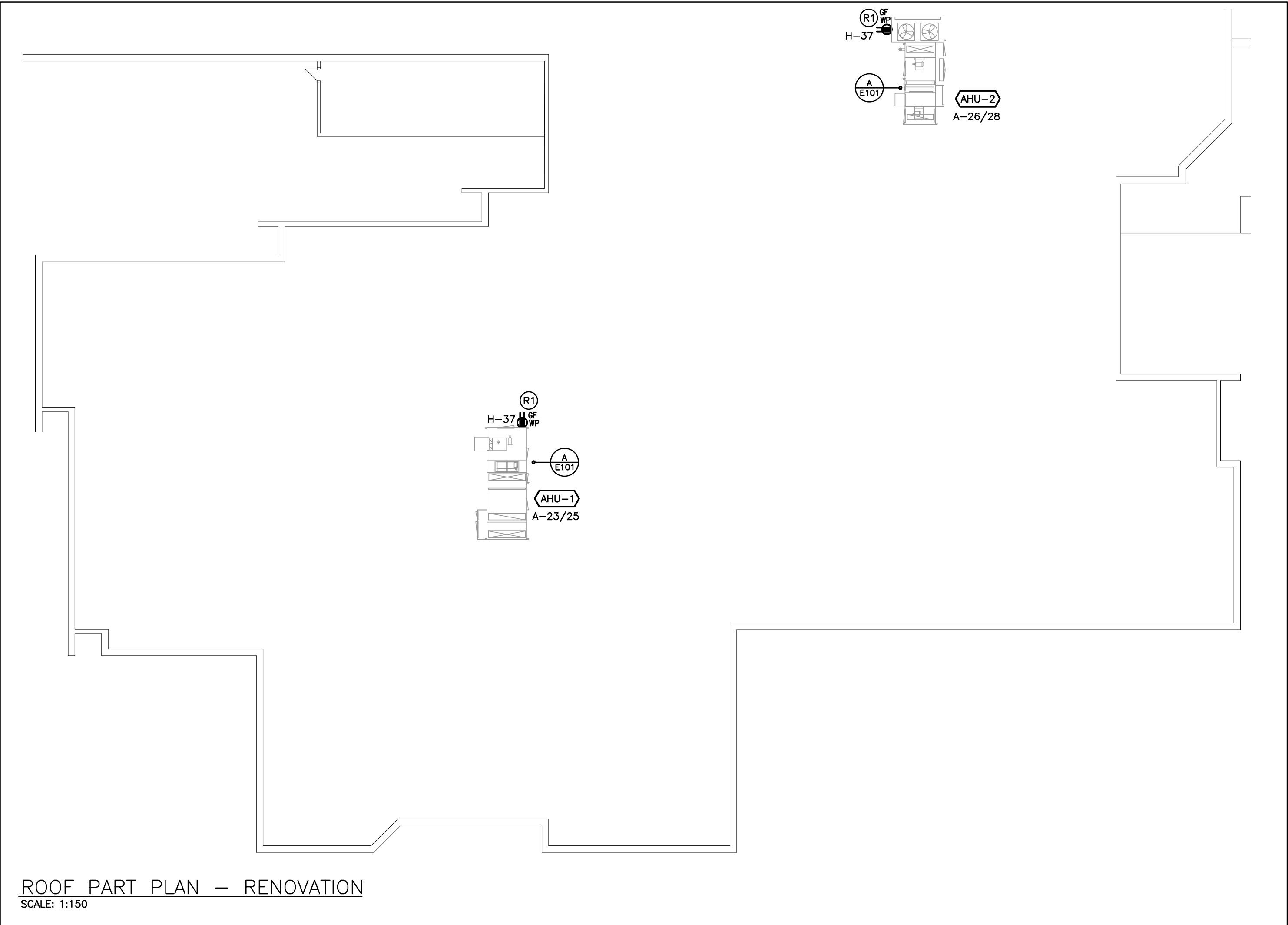
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Drawn by KV/JAG	Checked by AS	Approved by JJ
Scale AS NOTED	Project Date NOV 2025	Print Date NOV 2025

Project No. 24366	Drawing No. E202
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ROOF PART PLAN — DEMOLITION
SCALE: 1:150



ROOF PART PLAN — RENOVATION
SCALE: 1:150

- GENERAL DEMOLITION NOTES**
- 'ER' DENOTES EXISTING ITEM TO REMAIN.
 - EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
 - 'R' INDICATES EXISTING ITEM TO BE RELOCATED. REFER TO RENOVATION DRAWINGS AND RELOCATE DEVICE AND WIRING TO SUIT. UNLESS OTHERWISE NOTED.
 - 'D' INDICATES EXISTING ITEM TO BE DEMOLISHED, UNLESS OTHERWISE NOTED DISCONNECT AND REMOVE NOTED DEVICE AND WIRING BACK TO SOURCE.

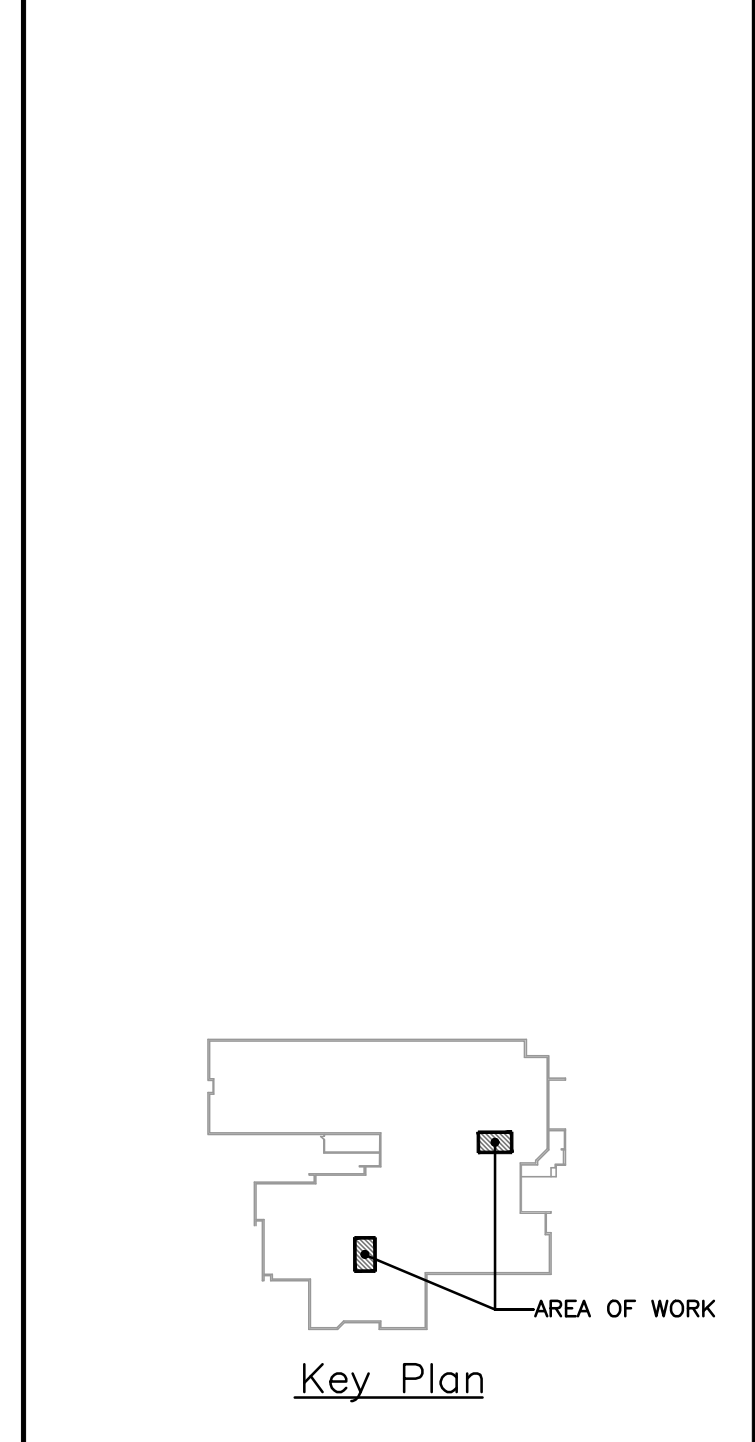
- SPECIFIC DEMOLITION NOTES**
- D1 EXISTING MECHANICAL UNIT IS BEING DEMOLISHED C/W WIRING AND CONDUIT BACK TO SOURCE PANEL 'H'. RELABEL EXISTING BREAKER AS SPARE.
- D2 EXISTING MECHANICAL UNIT IS TO BE DEMOLISHED C/W WIRING AND CONDUIT BACK TO SOURCE PANEL 'G'. RELABEL EXISTING BREAKER AS SPARE.

- GENERAL RENOVATION NOTES**
- 'ER' INDICATES EXISTING ITEM TO REMAIN.
 - 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
 - ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
 - EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
 - MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
 - REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

- SPECIFIC RENOVATION NOTES**
- R1 PROVIDE T-SLOT GROUND FAULT RECEPTACLE COMPLETE WITH "EXTRA DUTY" IN-USE WEATHERPROOF COVER FOR MAINTENANCE OF ROOFTOP EQUIPMENT. INDICATED DEVICE IS TO BE MOUNTED NOT LESS THAN 750mm ABOVE FINISHED ROOF LEVEL.

The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work.
The drawings show general arrangement of services. Follow as closely as actual building construction will permit. Obtain approval for relocation of service from Consultant before commencement of the work.
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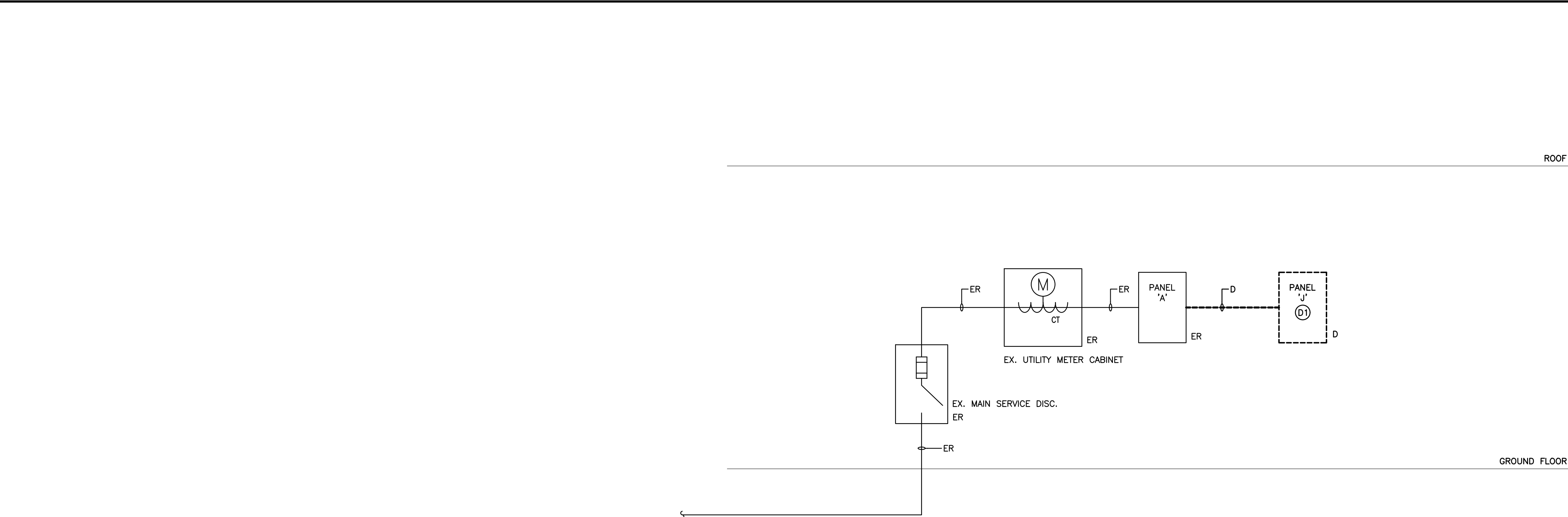
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Sheet Title
PARTIAL ROOF DEMOLITION/RENOVATION PLAN

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Project No. 24366	Drawing No. E301	



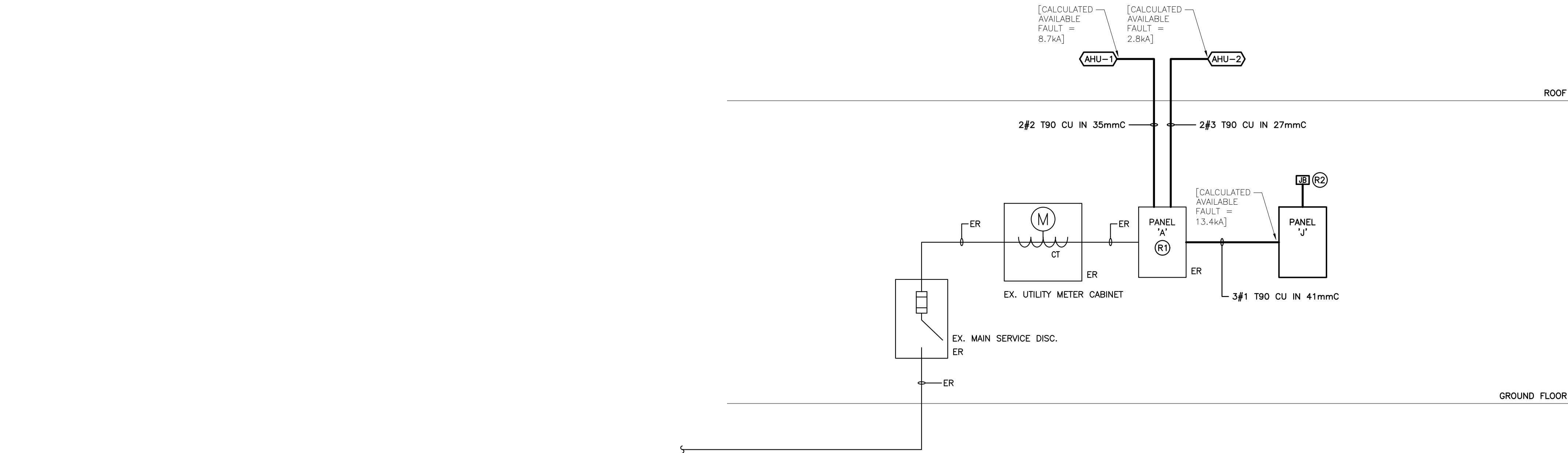
DEMOLITION DISTRIBUTION RISER DIAGRAM
SCALE: NTS

GENERAL DEMOLITION NOTES

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- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
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- 'D' INDICATES EXISTING ITEM TO BE DEMOLISHED, UNLESS OTHERWISE NOTED DISCONNECT AND REMOVE NOTED DEVICE AND WIRING BACK TO SOURCE.

SPECIFIC DEMOLITION NOTES

D1 EXISTING FEEDS FROM EXISTING PANEL ARE TO BE REMOVED AND REPLACED WITH NEW TO REPLACEMENT PANEL. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION.



RENOVATION DISTRIBUTION RISER DIAGRAM
SCALE: NTS

GENERAL RENOVATION NOTES

- 'ER' INDICATES EXISTING ITEM TO REMAIN.
- 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
- ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
- MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

SPECIFIC RENOVATION NOTES

R1 CONTRACTOR TO REWORK SELECTED EXISTING FEEDS WITHIN EXISTING PANEL 'A' TO BE FED FROM NEW PANEL 'J'. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION.
R2 PROVIDE ADEQUATE SIZE JUNCTION BOX TO TERMINATE EXISTING BRANCH CIRCUIT WIRING FOR EXTENSION TO NEW PANEL AS SHOWN ON REPLACEMENT PANEL 'J' SCHEDULE.

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GRAFTON PUBLIC SCHOOL VENTILATION UPGRADES
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Sheet Title
DISTRIBUTION RISER DIAGRAM

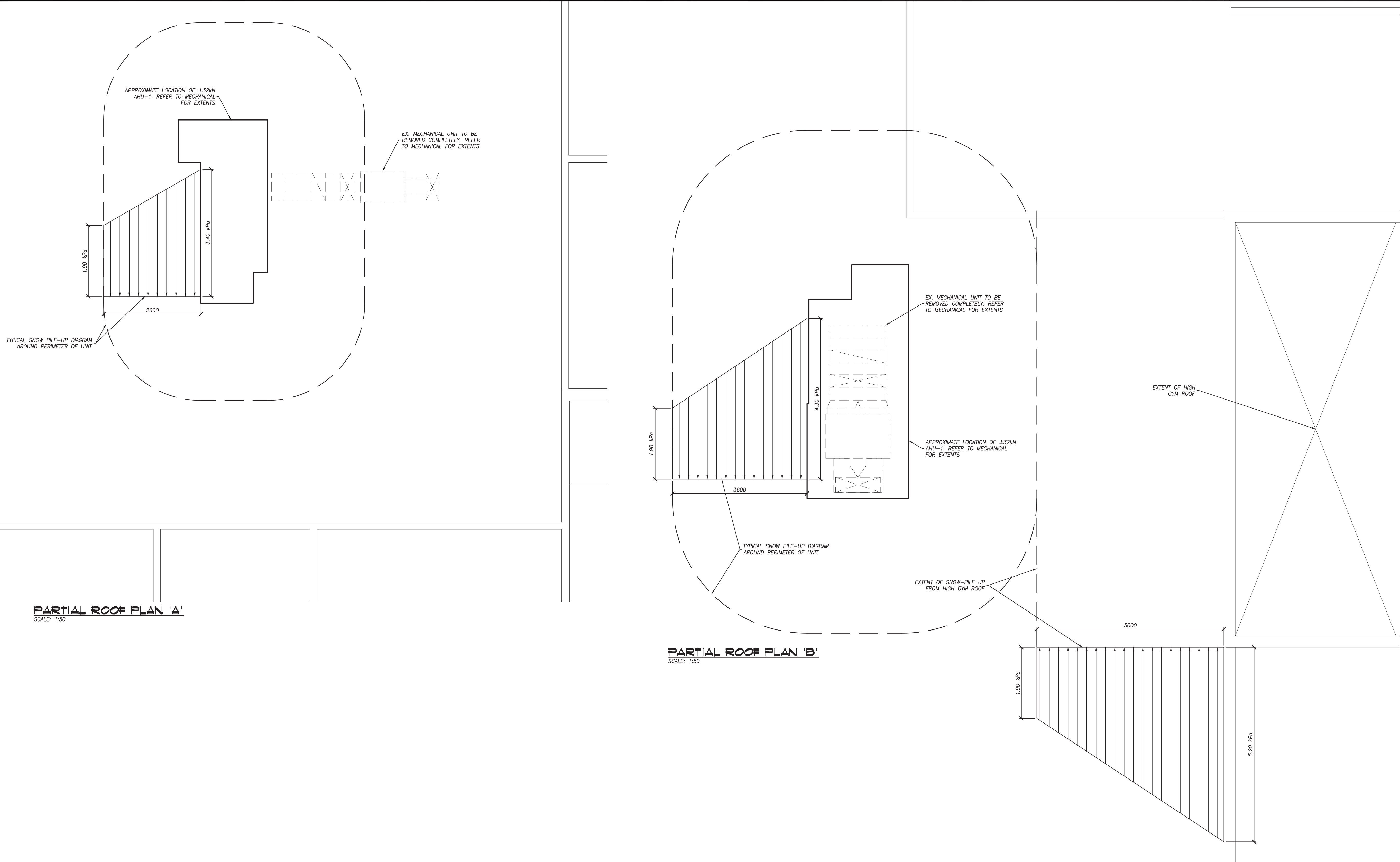
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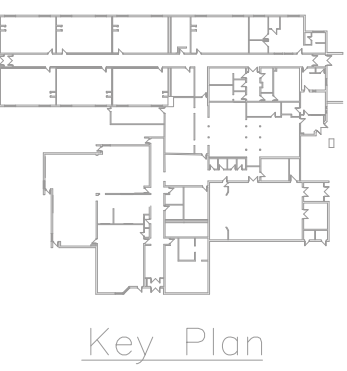
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Project No. 24366	Drawing No. E401	

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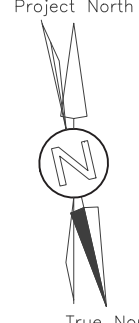
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LICENCED PROFESSIONAL ENGINEER
R. W. ABDULLAH
100514628
25-11-24
PROJ. No. 25042
PROVINCE OF ONTARIO

North
Project North



True North

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Sheet Title
ROOF PLAN & GENERAL NOTES

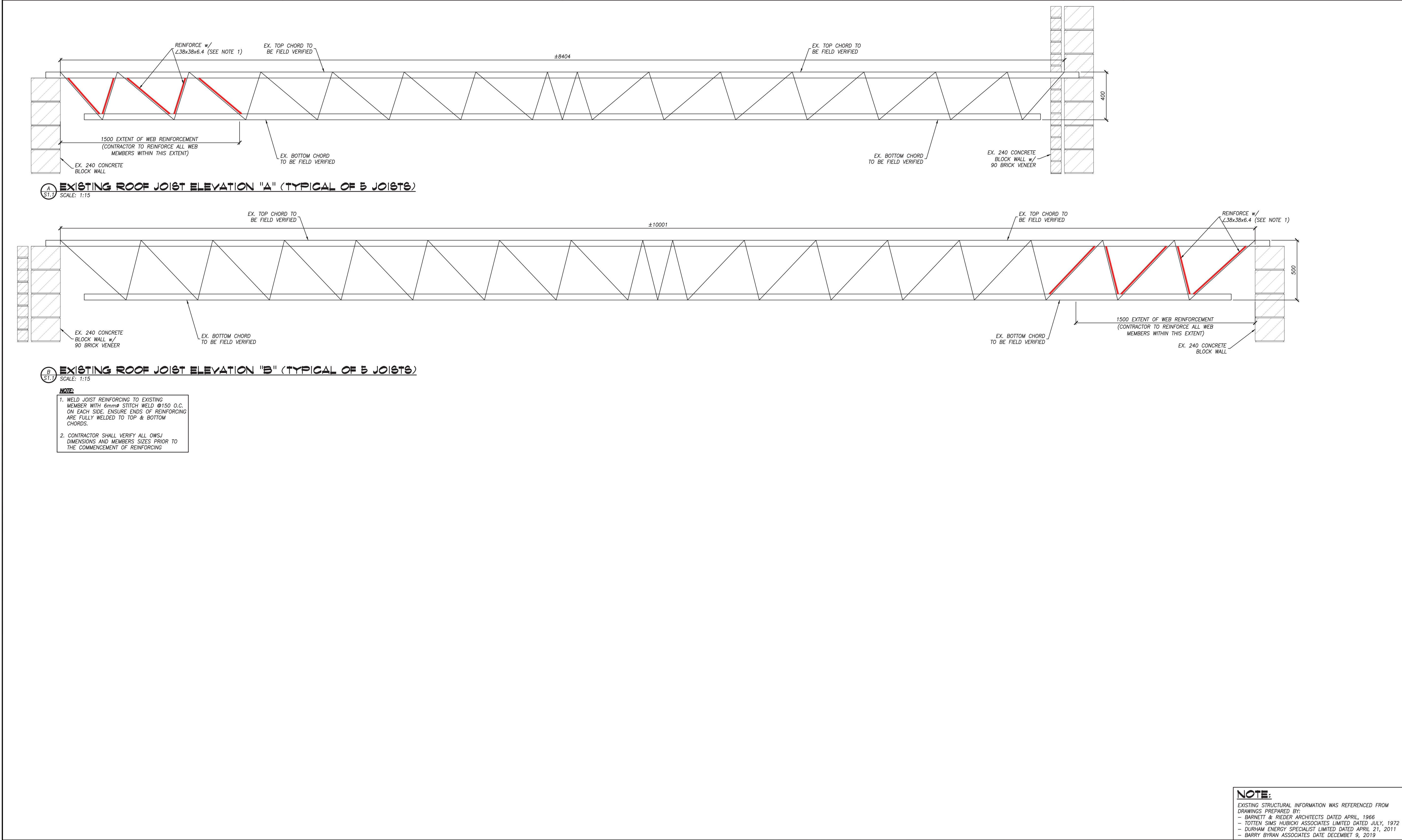
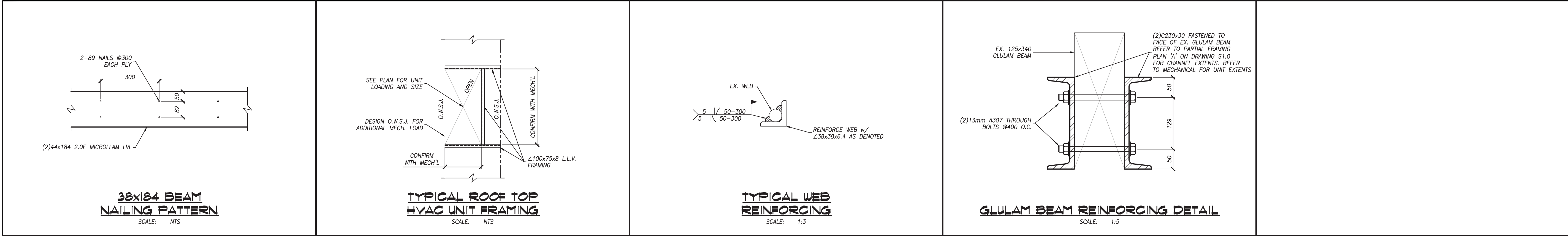


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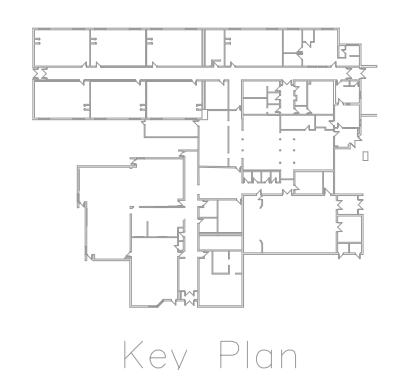
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Scale AS NOTED	Project Date 25/11/24	Print Date NOV. 2025
Project No. 25042	Drawing No. S1.1	

NOTE:
EXISTING STRUCTURAL INFORMATION WAS REFERENCED FROM DRAWINGS PREPARED BY:
- BARNETT & RIEDER ARCHITECTS DATED APRIL, 1966
- TOTTEN SIMS HUBICKI ASSOCIATES LIMITED DATED JULY, 1972
- DURHAM ENERGY SPECIALIST LIMITED DATED APRIL 21, 2011
- BARRY BYRAN ASSOCIATES DATE DECEMBER 9, 2019



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Sheet Title
TYPICAL FRAMING SECTIONS & DETAILS

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