

2050 Guelph Line Burlington, ON.

Glenview Public School Gym Addition

Architects

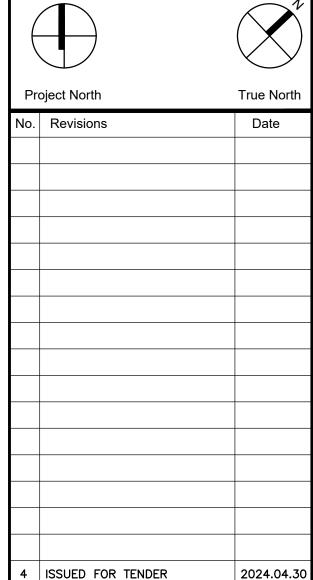
143 Townsend Ave.,

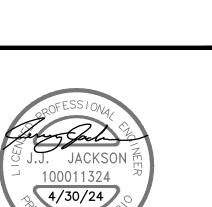
**Snyder Architects Inc.** 100 Broadview Ave, Suite 301, Toronto, ON M4M 3H3 t. 416.966.5444, w. snyderarchitects.ca



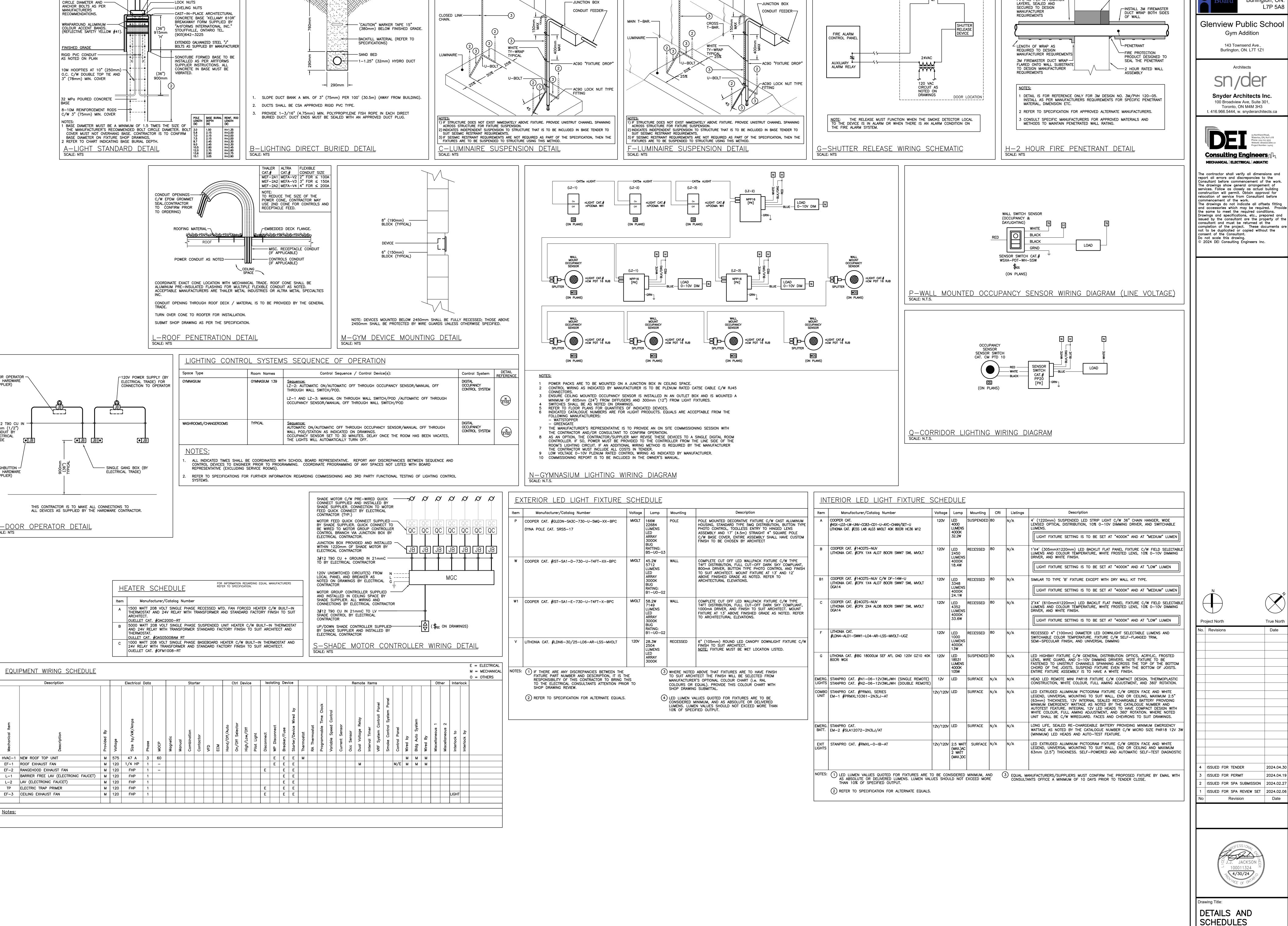
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LEGEND, SITE PLAN, NOTES AND KEY



-STRUCTURE(1)

NOT ROOF DECK

(REFER TO NOTE BELOW)

150mm (6").

-POLE BASE COVER

BY HARDWARE

SUPPLIER)

CONDUIT BY

PUSHBUTTON -

(BY HARDWARE SUPPLIER)

<u>Notes:</u>

ELECTRICAL

LOOP CHAIN -

150mm (6").

T-BAR SUPPORT. ----

CLOSED LINK CHAIN.

- STRUCTURE (1)

— FASTEN TO STRUCTURE

(REFER TO NOTE BELOW)

NOT ROOF DECK

2050 Guelph Line

—FIRE PROTECTION
PRODUCT DESIGNED TO

SEAL THE PENETRANT

3M FIREMASTER DUCT ——

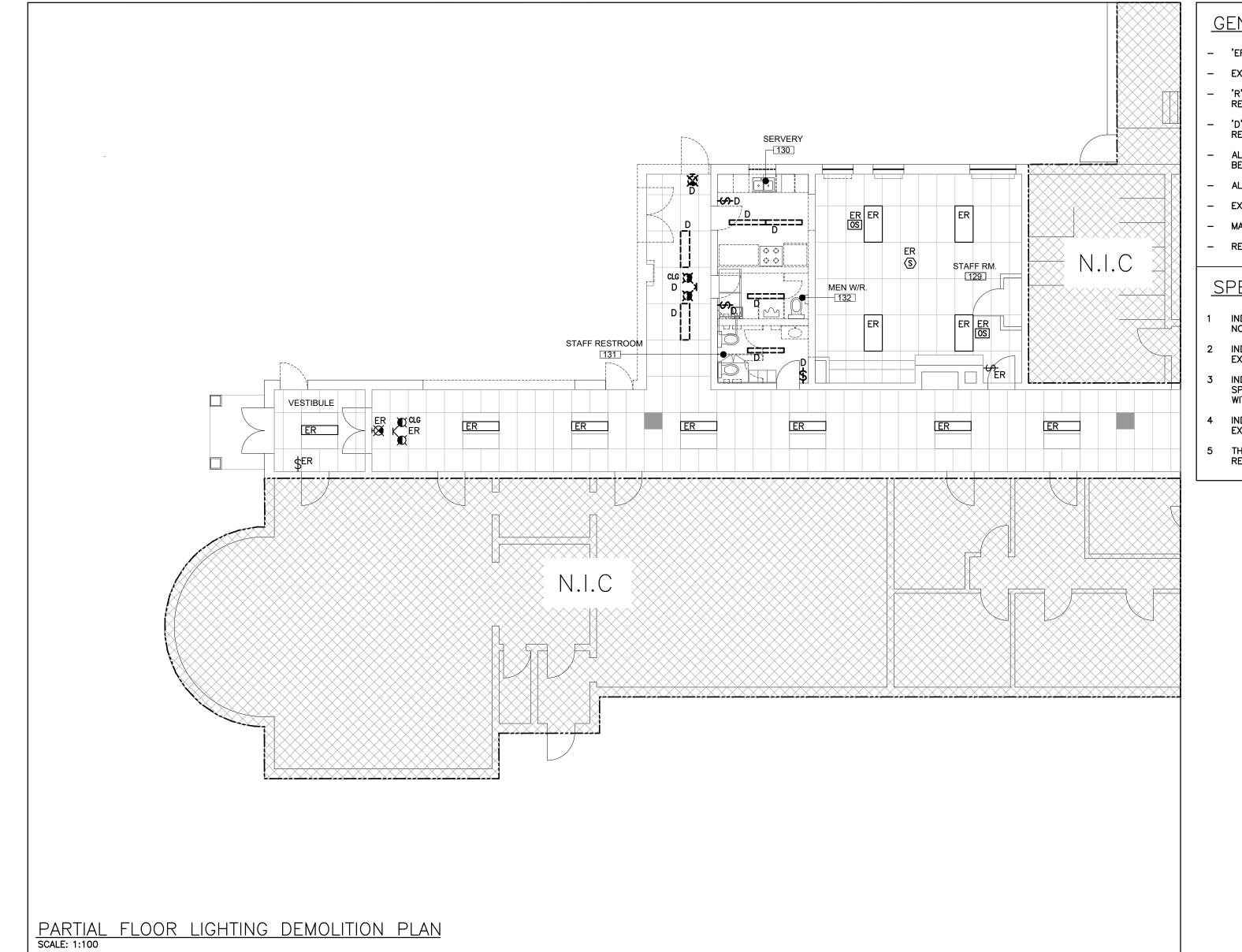
WRAP WRAPPED AROUND

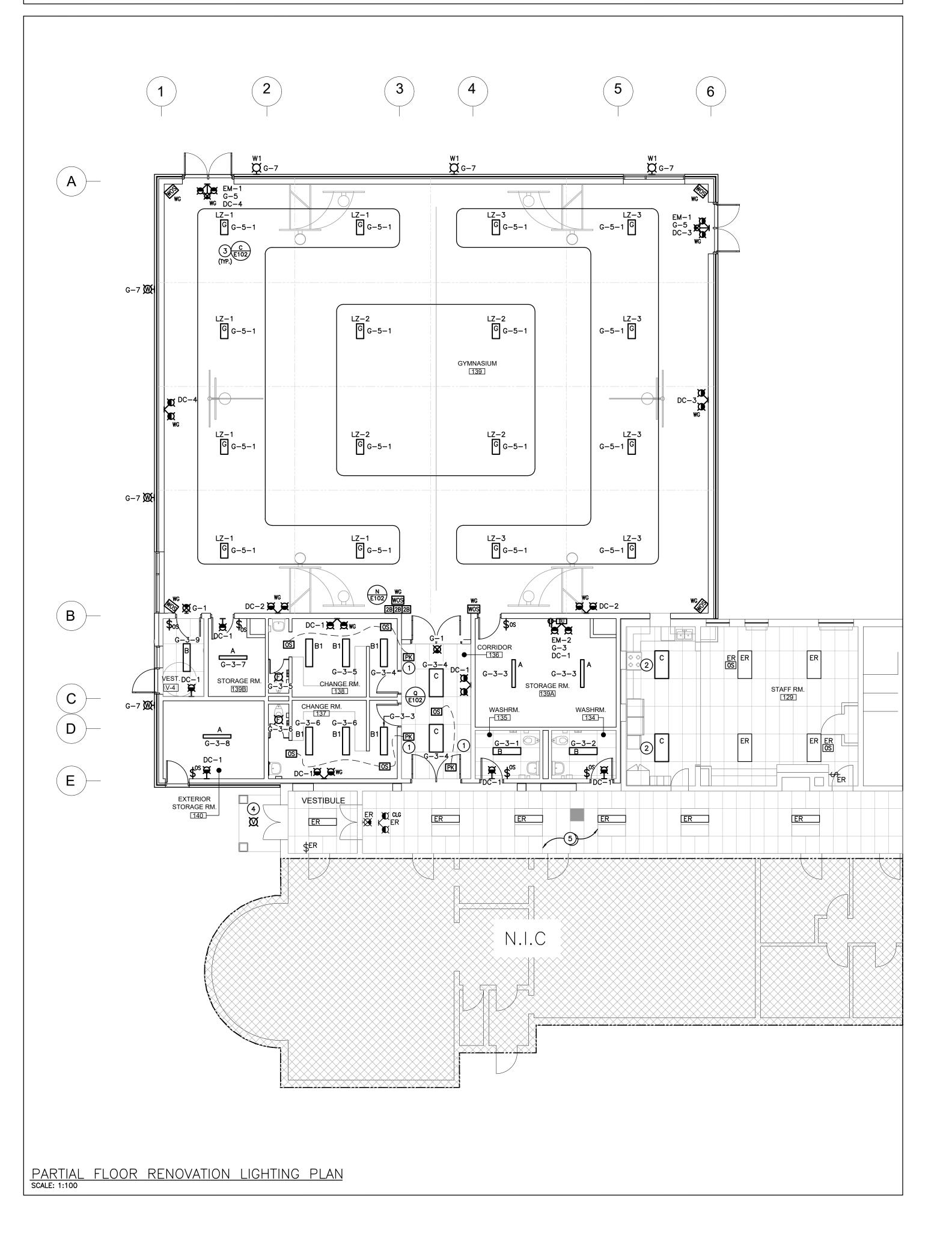
PIPE AS PER APPLICATION

Burlington, ON.

Checked by: RV Drawn by: SB Job No.

Scale: AS NOTED Date: MAY 2024





- '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. ALL LIGHTING FIXTURES BEING RELOCATED SHALL BE CLEANED AND CHECKED PRIOR TO BEING REINSTALLED. 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

- INDICATED POWER PACK INSTALLED WITHIN ACCESSIBLE CEILING SPACE FOR CONTROL OF NOTED MOTION SENSOR(S).
- INDICATED CONNECT FIXTURES IN THIS ROOM TO EXISTING LOCAL LIGHTING CIRCUIT AND EXISTING CONTROL AS NOTED.
- INDICATED FIXTURES IN THIS ROOM ARE TO BE FASTENED TO UNISTRUT CHANNELS SPANNING ACROSS THE TOP OF THE BOTTOM CHORD OF JOISTS. COORDINATE LOCATION WITH MECHANICAL EQUIPMENT.
- INDICATED WIRE NEW CANOPY POT LIGHT TO EXISTING LIGHTING CIRCUIT. CONTROL VIA EXISTING CONTROLS.
- THIS CONTRACTOR IS RESPONSIBLE TO REMOVE AND RE-INSTALL CEILING TILE TO SUIT REQUIRED INSTALLATION. ANY DAMAGED OR FINGERPRINTED TILE MUST BE REPLACED.

# Consulting Engineers MECHANICAL | ELECTRICAL | AQUATIC

2050 Guelph Line,

Glenview Public School

Gym Addition

143 Townsend Ave.,

Burlington, ON. L7T 1Z1

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L7P 5A8

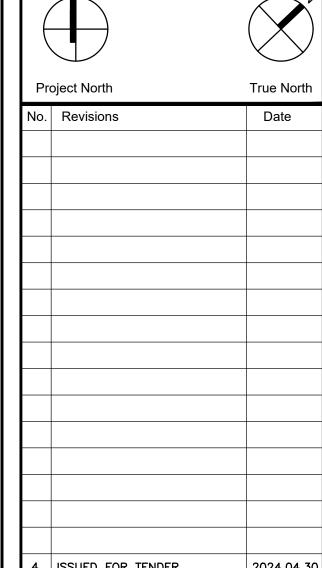
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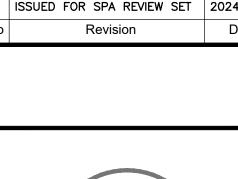
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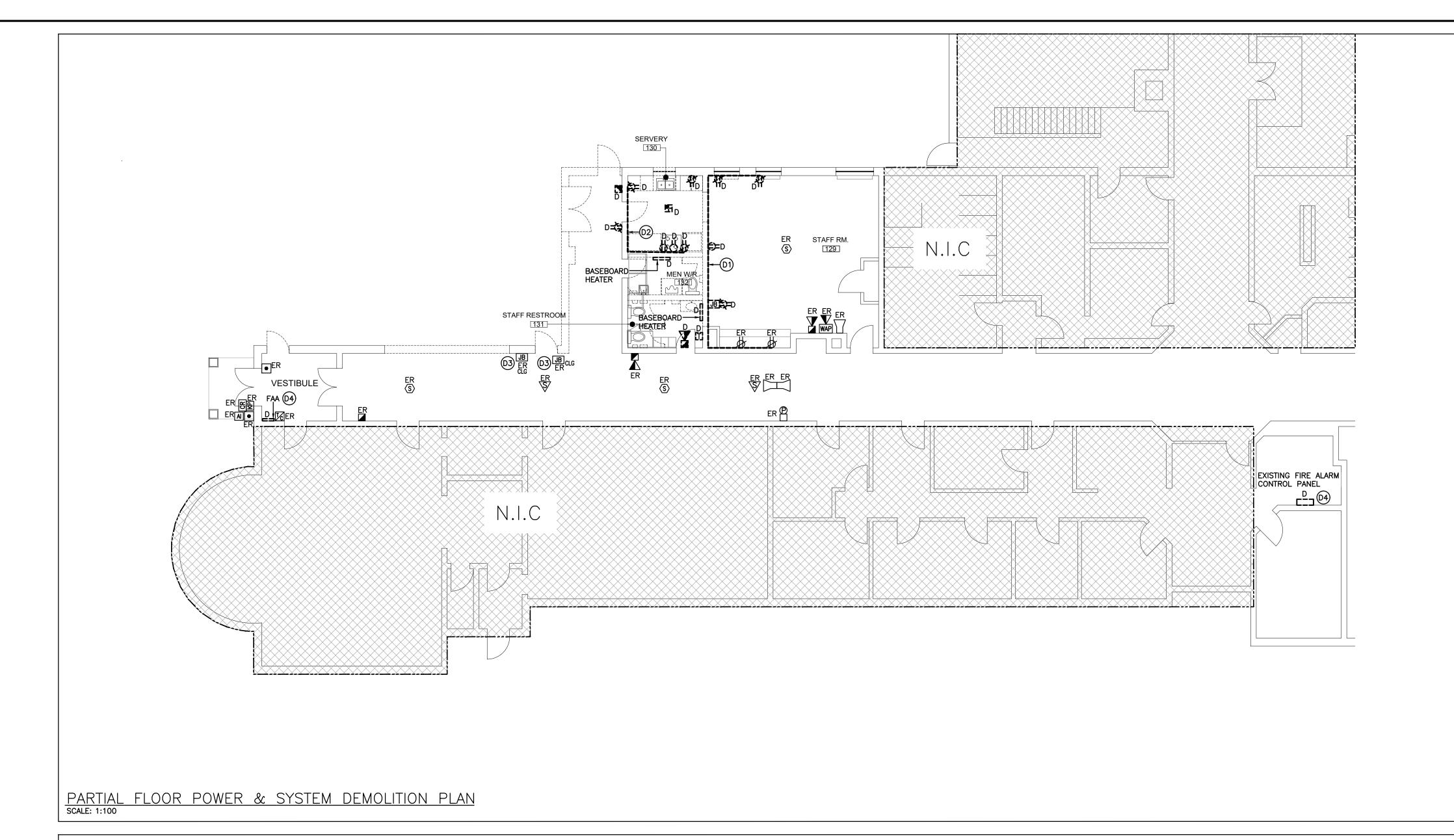
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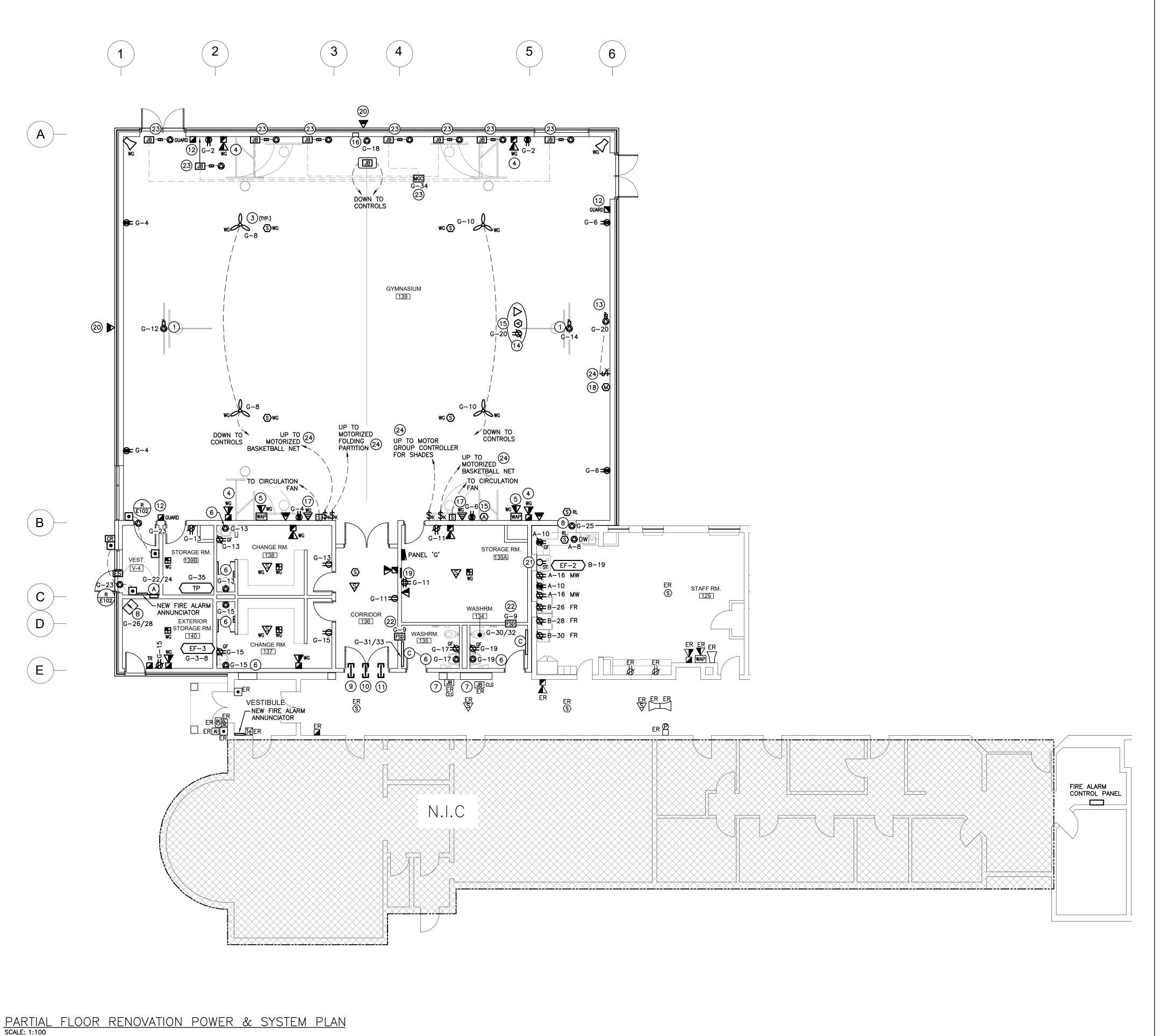
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PARTIAL FLOOR PLAN LIGHTING DEMOLITION AND RENOVATION

231/
Job No.
Drawn by: SB
Scale: AS NOTED





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- 'D' INDICATES EXISTING ITEM TO BE DELETED. UNLESS OTHERWISE NOTED DISCONNECT AND REMOVE NOTED DEVICE AND WIRING BACK TO SOURCE. ALL LIGHTING FIXTURES BEING RELOCATED SHALL BE CLEANED AND CHECKED PRIOR TO BEING REINSTALLED.
- 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 DEMOLITION NOTES

- D1 INDICATED EXISTING SURFACE MOUNTED CONDUIT, JUNCTION BOX AND RECEPTACLES TO BE DELETED. EXISTING WIRING TO BE CUT BACK AND MAKE SAFE FOR NEW DEVICES.
- D2 INDICATED EXISTING SURFACE MOUNTED CONDUIT AND RECEPTACLES TO BE DELETED. RECEPTACLES ARE FED FROM BASEMENT ELECTRICAL ROOM AREA. EXISTING WIRING TO BE CUT AND MAKE SAFE FOR NEW DEVICES.
- D3 INDICATED JUNCTION BOXES LOCATED IN CEILING SPACE TO REMAIN. JUNCTION BOXES WERE FEEDING EXISTING GYM PANEL AND MUA-3.
- D4 INDICATES EXISTING FIRE ALARM CONTROL PANEL MIRCOM SERIES 200 CONVENTIONAL SYSTEM WITH 2 SPARE ZONES TO BE REPLACED WITH NEW. EXISTING FIRE ALARM ANNUNCIATOR IS LOCATED IN THE SIDE PARKING LOT VESTIBULE. EXISTING FIRE RESET KEYPAD IS LOCATED IN THE CUSTODIAN'S OFFICE. FIRE ALARM ANNUNCIATOR AND FIRE

## SPECIFIC RENOVATION NOTES

RESET KEYPAD IS TO BE REMOVED COMPLETE.

- INDICATED DIRECT CONNECTION FOR MOTORIZED BASKETBALL NET. PROVIDE 20A-120V DEDICATED CIRCUIT. THIS CONTRACTOR IS TO PROVIDE SINGLE GANG BOX ROUGH-IN WITH 12/3 AWG. CU, IN 3/4"C TO BASKETBALL NET MOTOR. KEY SWITCH OPERATOR AT 1200mm A.F.F. COORDINATE WITH BASKETBALL NET SUPPLIER AND REFER TO SHOP DRAWINGS FOR ANY ADDITIONAL REQUIREMENTS.
- INDICATED CONNECTION FOR NEW MOTORIZED CENTRE DIVIDER CURTAIN. CONFIRM EXACT REQUIREMENTS AND CO-ORDINATE WORK WITH CURTAIN INSTALLER. THIS CONTRACTOR TO PROVIDE A 4X4 JUNCTION BOX AND 1/2"C TO DEEP SINGLE GANG BOX (KEYSWITCH BY OTHERS). 3 POSITION MOMENTARY KEYSWITCH BY OTHERS. WIRING BY THIS CONTRACTOR. DEDICATED 20A-120V CIRCUIT REQUIRED.
- INDICATED GYM DESTRATIFICATION FAN TO BE STEM MOUNTED WITH BOTTOM OF FAN LEVEL WITH LIGHTING. WIRE FAN TO SPEED CONTROLLER AS INDICATED.
- 4 INDICATED DEVICE IS TO BE C/W A 60 CANDELA STROBE. PROVIDE A WALL FLUSH MOUNTED OCTAGON BOX WITH 19mm CONDUIT TO CORRIDOR
- CEILING SPACE FOR DATA WIRING OF WIRELESS ACCESS POINT (AP). INDICATED CONNECTION FOR AUTOMATIC PLUMBING FIXTURE. PROVIDE WIRING FOR
- CENTRALLY MOUNTED JUNCTION BOX LOCATED WITHIN CEILING SPACE TO FEED SENSOR. COORDINATE EXACT REQUIREMENTS WITH OTHER TRADES PRIOR TO ROUGH—IN. INDICATES EXTEND FEED TO NEW PANEL 'G' FED FROM EXISTING PANEL 'DP-X'. EXISTING WIRING FEEDING EXISTING MUA-1 WILL REMAIN AND EXISTING BREAKER WILL NEED TO
- REMAIN LOCKED-OFF. REFER TO DETAIL H/E102. PROVIDE 120V POWER AND FIRE ALARM CONNECTIONS TO FIRE SHUTTER. PROVIDE WIRING FROM 24V MOTOR LINK TO SMOKE DETECTOR BUILT-IN RELAY.
- PROVIDE 1.5" SLEEVE THRU THE FIREWALL FOR PA AND SECURITY WIRING. REFER TO
- 10 PROVIDE 1.5" SLEEVE THRU THE FIREWALL FOR VOICE/DATA WIRING. REFER TO DETAIL H/E102.
- 11 PROVIDE 1.5" SLEEVE THRU THE FIREWALL FOR FIRE ALARM WIRING. REFER TO DETAIL H/E102. 12 MOUNT INDICATED DEVICE(S) IN BLOCK RECESS. REFER TO DETAIL M/E101. INDICATES CONNECTION FOR MOTORIZED PROJECTION SCREEN, THIS CONTRACTOR TO WIRE TO EQUIPMENT MOTOR FROM THE REMOTE LINE VOLTAGE CONTROL SWITCH LOCATED AS
- 14 INDICATES APPROXIMATE LOCATION OF CEILING MOUNTED OUTLETS FOR GYM PROJECTOR (DUPLEX RECEPTACLE, SINGLE DATA, AND HDMI AUXILIARY). DATA DROP CONDUIT TO BE

SHOWN. COORDINATE MOTOR PLACEMENT ON SITE WITH SUPPLIER. ALL COMPONENTS INCLUDING REMOTE LINE VOLTAGE SWITCH AND COVER PLATE TO BE PROVIDED BY

- 15 INDICATES HDMI AUXILIARY CEILING AND WALL OUTLETS FOR CEILING PROJECTOR C/W "RAPID RUN" WIRING HARNESS SOLUTION CONTAINING HDMI RUNNER CABLES, FLYING LEADS (CONNECTIONS AND WALL PLATES AT EACH OUTLET LOCATION). PROVIDE 27mmC BETWEEN WALL AND CEILING OUTLET LOCATIONS.
- 16 INDICATES COORDINATE WITH SCOREBOARD SUPPLIER ON EXACT LOCATION OF SCOREBOARD. THIS CONTRACTOR TO PROVIDE 20A-1P HARD WIRED CONNECTION FOR SCOREBOARD AND (2) DOUBLE-GANG BOX WITH 1"C BETWEEN SCOREBOARD AND ROUGH-IN AT RECEPTACLE HEIGHT FOR SCOREBOARD CONTROLS. COORDINATE EXACT REQUIREMENTS WITH SCOREBOARD SUPPLIER.
- 17 INDICATES WALL MOUNTED SOUND SYSTEM SPEAKER ROUGH—IN. PROVIDE SINGLE GANG BOX WITH 3/4"C TO STORAGE ROOM 139A. TERMINATE IN A 200mmX200mm FLUSH MOUNTED JUNCTION BOX.
- 18 INDICATES WALL MOUNTED MICROPHONE OUTLET ROUGH-IN. PROVIDE SINGLE GANG BOX WITH 3/4"C TO STORAGE ROOM 139. TERMINATE IN A 200mmX200mm FLUSH MOUNTED
- 19 INDICATES GYM SOUND SYSTEM PATCH PANEL INSTALLED AS 200mmX200mm FLUSH MOUNTED JUNCTION BOX C/W COVER PLATE AND KNOCKOUTS TO SUIT SPEAKERS, MICROPHONE AND ANTENNA PORTS. COORDINATE WITH PUBLIC ADDRESS SUB CONTRACTOR.
- 20 MOUNT INDICATED DEVICE AT HEIGHT AS PER ARCHITECTURAL DRAWINGS. 21 INDICATES REWORK EXISTING STOVE WIRING FOR NEW STOVE LOCATION.
- 22 PROVIDE FIRE ALARM CONNECTION TO SMOKE DAMPER INTEGRAL DUCT DETECTOR. PROVIDE DUAL INPUT MONITOR/CONTACTOR MODULE AND DUAL VOLTAGE RELAY. FROM ONE SET OF CONTACTS MONITOR INTEGRAL DUCT DETECTOR ALARM SIGNAL. ALARM SIGNAL SHALL BE PROGRAMMED AS AN ALARM ZONE. FROM ONE SET OF CONTACTS MONITOR DUAL VOLTAGE

RELAY FOR AC POWER LOSS. AC POWER LOSS IS TO BE MONITORED AS A TROUBLE

- 23 INDICATES MOTORIZED WINDOWS SHADES. PROVIDE CONNECTION TO MOTOR GROUP CONTROLLER. COORDINATE EXACT LOCATION WITH SHADE SUPPLIER ON SITE. REFER TO
- 24 PROVIDE LAMACOID LABEL INDICATING WHAT THE KEY SWITCH IS INTENDED TO CONTROL.



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the same to meet the required conditions.

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and accessories which may be required. Provide

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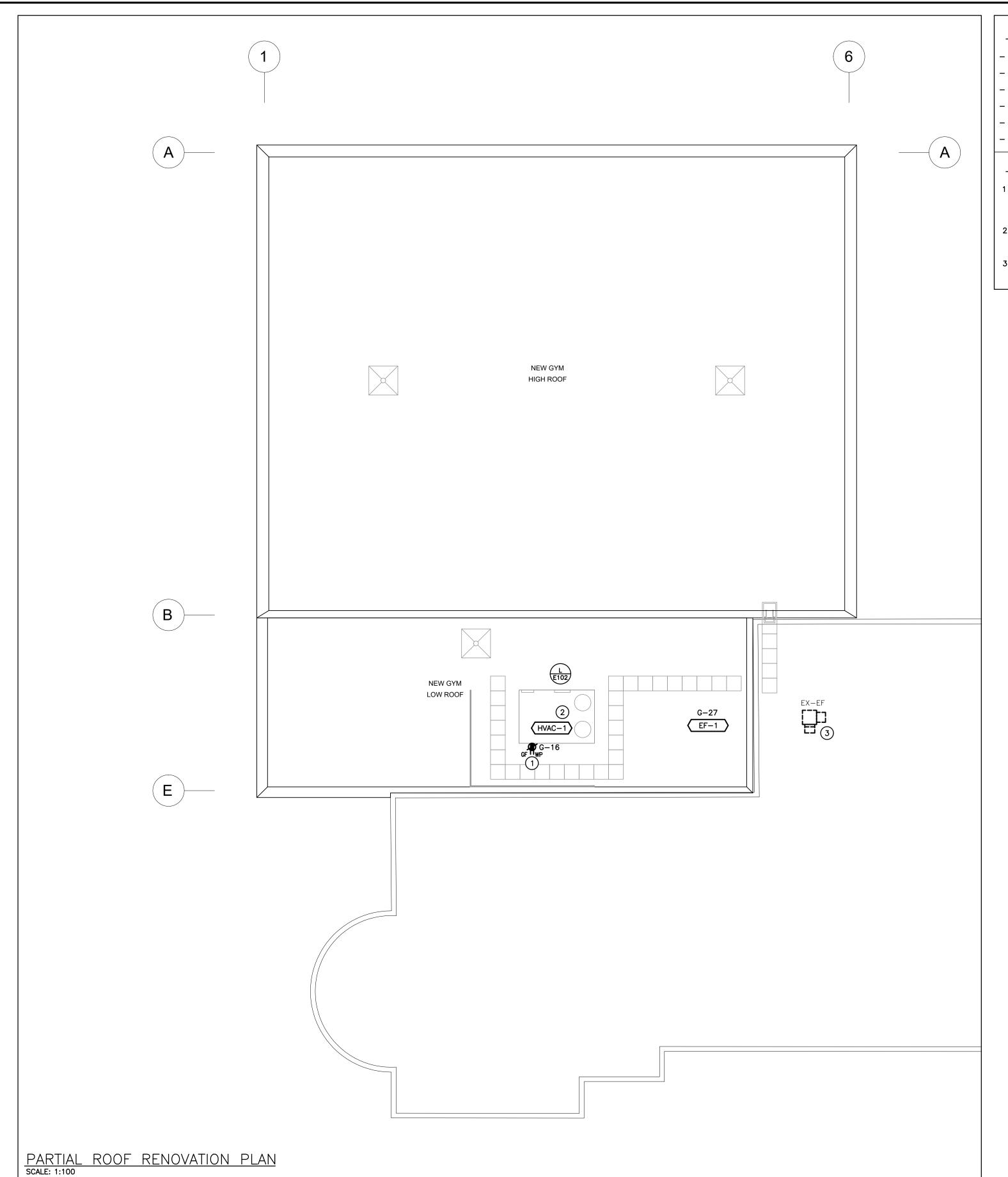
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Date

PARTIAL FLOOR PLAN
POWER DEMOLITION
AND RENOVATION



- 'ER' INDICATES EXISTING ITEM TO REMAIN.
- 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
- ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
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SPECIFIC RENOVATION NOTES

PROVIDE T-SLOT GROUND FAULT RECEPTACLE COMPLETE WITH "IN-USE" WEATHER-PROOF COVER. COORDINATE PLACEMENT WITH MECHANICAL TRADE PRIOR TO ROUGH-IN. INDICATED DEVICE IS TO BE MOUNTED 900mm ABOVE FINISHED ROOF LEVEL. PROVIDE SUITABLE SUPPORT AT MECHANICAL EQUIPMENT. Architects INDICATES NEW MECHANICAL EQUIPMENT BEING FED FROM MAIN SWITCHBOARD. PROVIDE 60A-3P AND 3#6 T90 CU IN 21mmC TO FEED NEW HVAC-1. REFER TO DISTRIBUTION RISER DIAGRAM FOR CONTINUATION.

EXISTING EXHAUST FAN IS TO BE REMOVED BY MECHANICAL TRADE. DISCONNECT AND REMOVE ELECTRICAL CONDUIT AND WIRING BACK TO SOURCE TO SUIT WORK. Snyder Architects Inc. 100 Broadview Ave, Suite 301,



Glenview Public School

Gym Addition

143 Townsend Ave.,

Burlington, ON. L7T 1Z1

2050 Guelph Line,

Burlington, ON.

L7P 5A8

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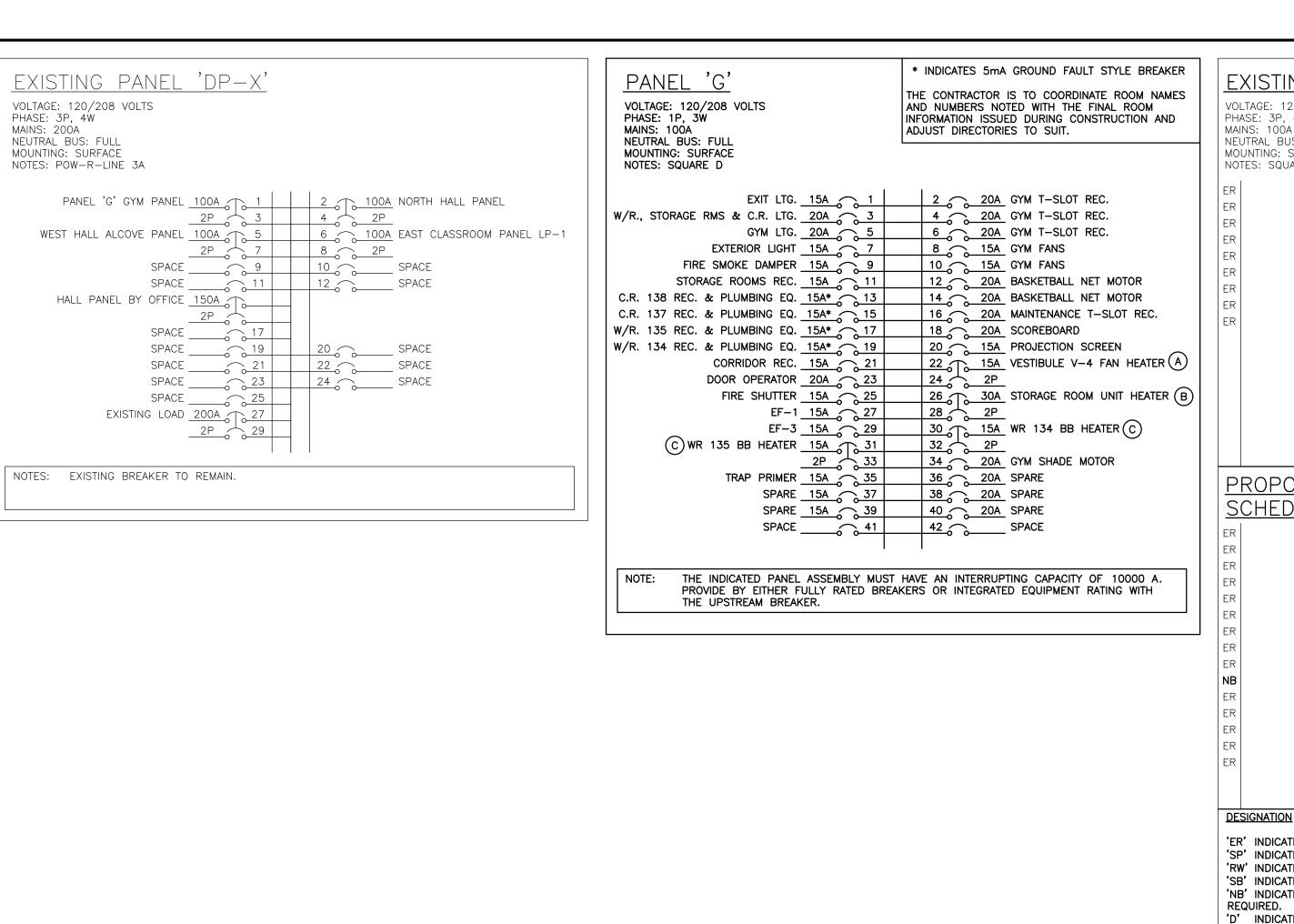
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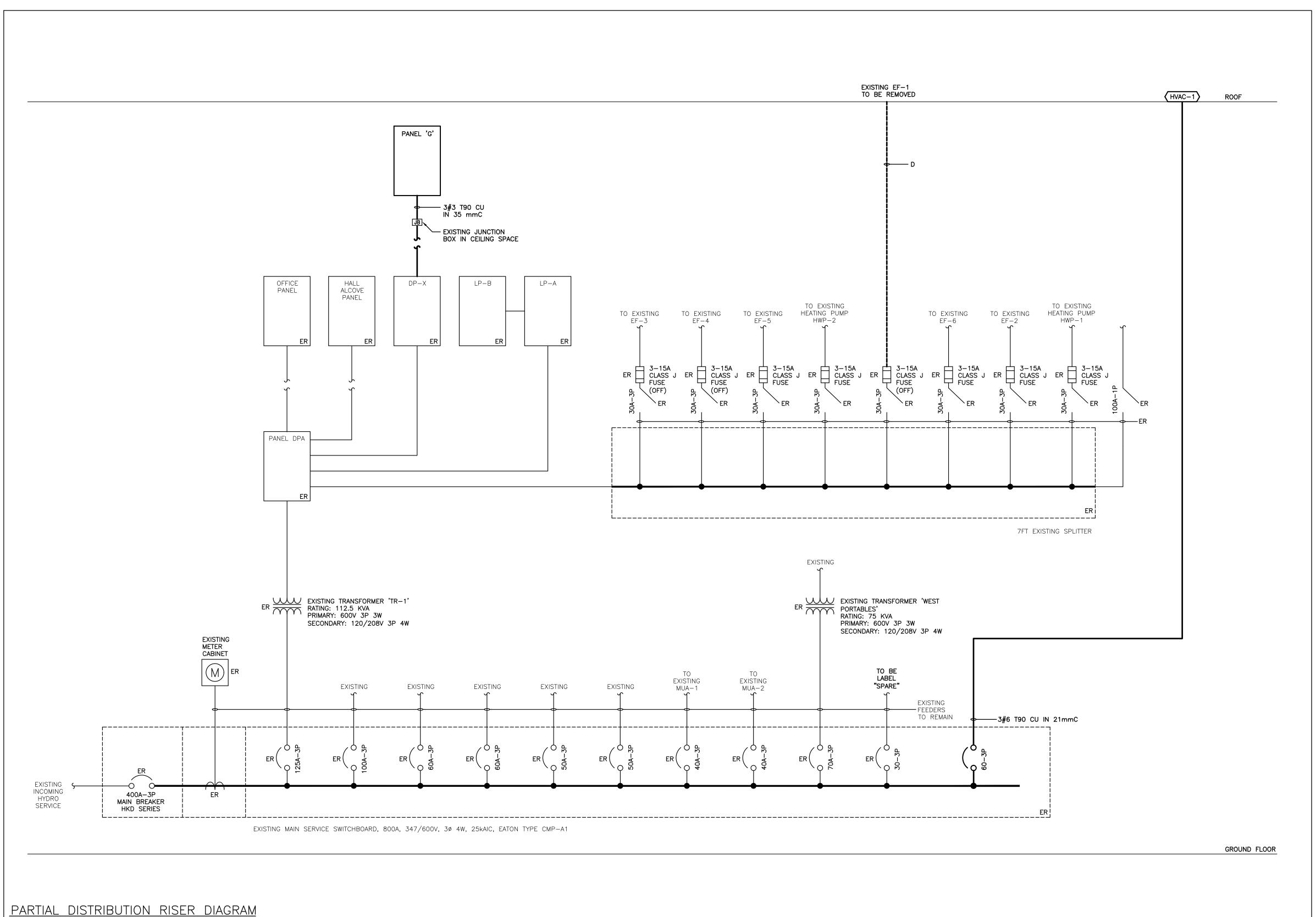
	oject North	True North
No.	Revisions	Date
4	ISSUED FOR TENDER	2024.04.3
3	ISSUED FOR PERMIT	2024.04.1
2	ISSUED FOR SPA SUBMISSION	2024.02.2
1	ISSUED FOR SPA REVIEW SET	2024.02.0
No	Revision	Date

PARTIAL ROOF RENOVATION PLAN





NOTES: EXISTING BREAKER TO REMAIN.





2050 Guelph Line, Burlington, ON. L7P 5A8

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55 Northland Road,
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Project Number: 24015

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Project North

True North

No. Revisions

Date

4 ISSUED FOR TENDER
3 ISSUED FOR PERMIT

J.J. JACKSON FINANCE OF ONTIRE

ISSUED FOR SPA SUBMISSION 2024.02.27
ISSUED FOR SPA REVIEW SET 2024.02.06

Revision

2024.04.30

2024.04.19

Drawing Title:

DISTRIBUTION RISER
DIAGRAM AND PANEL
SCHEDULE

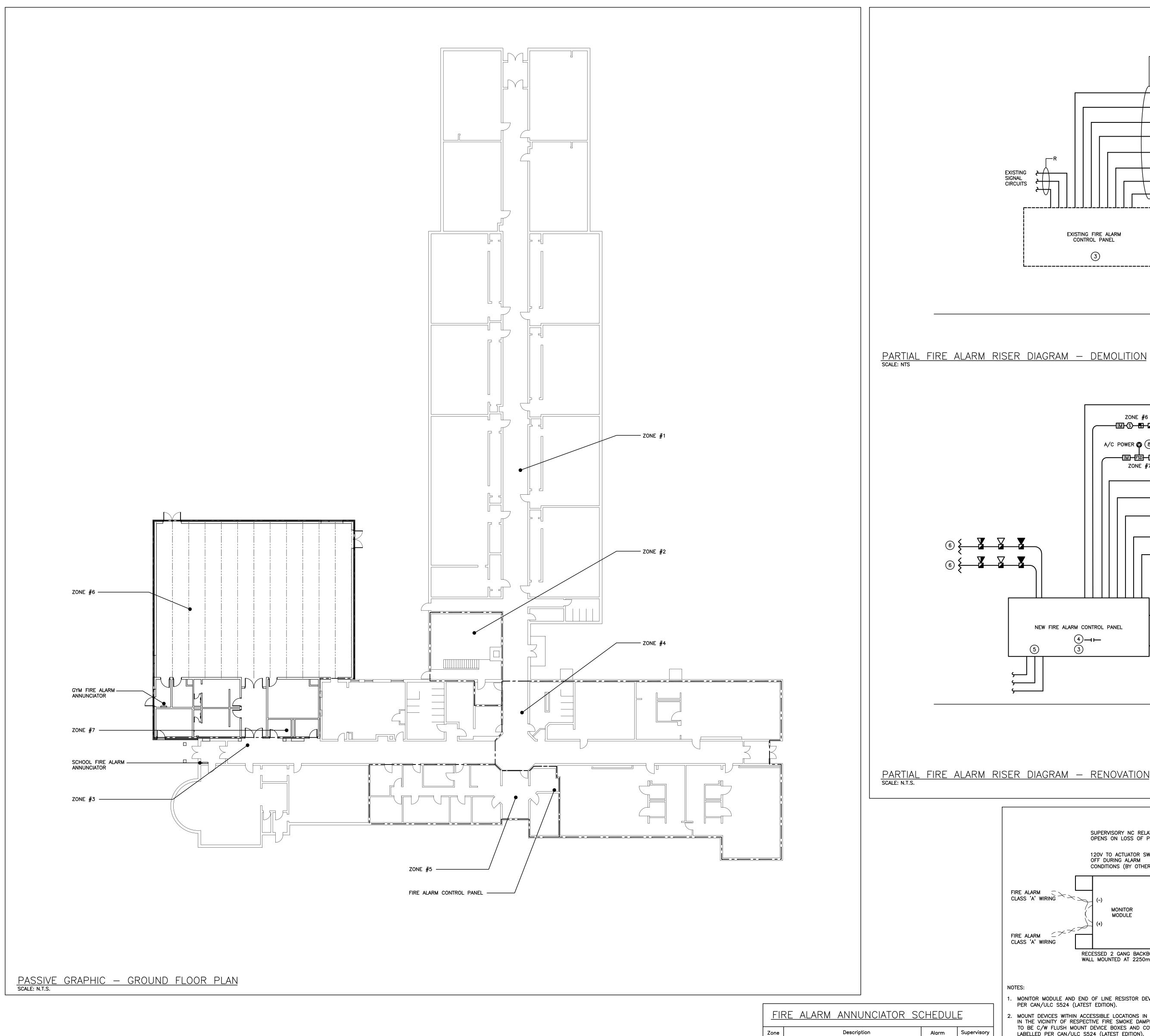
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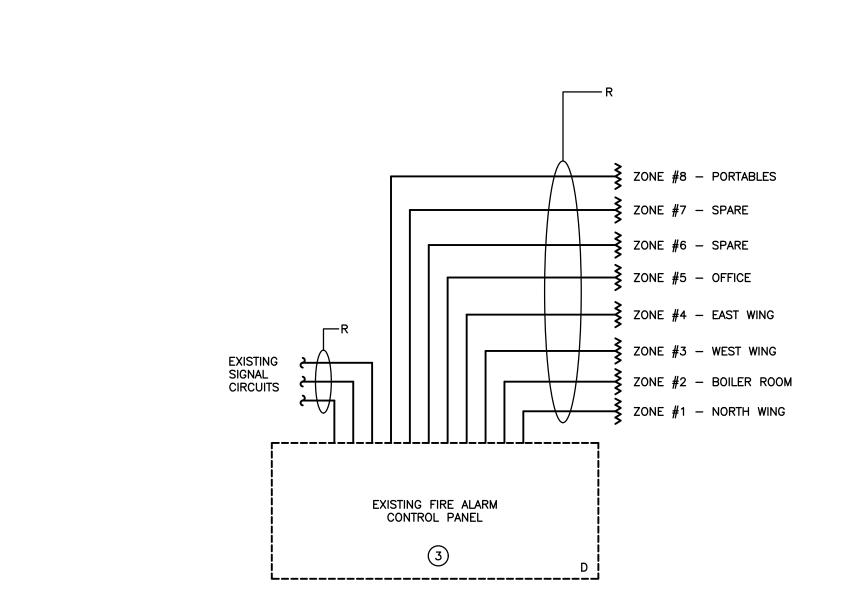
Drawn by: SB Checked by: RV

Job No. Drawing No.

2314

E301





FIRE ALARM SPECIFIC NOTES

- REFER TO FLOOR PLANS FOR EXACT LOCATION AND QUANTITY OF NEW DEVICES.
- PROVIDE NEW FIRE ALARM PASSIVE GRAPHIC TO SUIT ADDITIONAL FIRE ALARM ZONES.
- EXISTING FIRE ALARM CONTROL PANEL IS TO BE REPLACED WITH NEW. DISCONNECT EXISTING SIGNAL AND INITIATING CIRCUITS AND RECONNECT TO NEW PANEL.
- PROVIDE TWO SETS OF RELAYS FOR SECURITY SYSTEM FOR ALARM AND TROUBLE SIGNALS. RECONNECT ALL OTHER ACCESSORIES AS REQUIRED (SECURITY, ULC MONITORING, ETC.)
- 6 EXTEND EXISTING SIGNAL WIRING TO SUIT NEW DEVICES.
- PROVIDE NEW FIRE ALARM ZONES AS INDICATED.

GROUND FLOOR

GROUND FLOOR

INDICATES 120V POWER AND FIRE ALARM CONNECTIONS TO SMOKE/FIRE DAMPER WITH INTEGRAL SMOKE DETECTOR. REFER TO FIRE ALARM SPECIFICATIONS. COORDINATE EXACT LOCATION/CONNECTION REQUIREMENTS WITH MECHANICAL CONTRACTOR. SMOKE/FIRE DAMPER AND ASSOCIATED INTEGRAL SMOKE DETECTOR TO BE PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR. PROVIDE MONITORING MODULE(S) PER SMOKE/FIRE DAMPER TO 120V POWER SUPPLY CONNECTION TO THE DAMPER ACTUATOR AND INTEGRAL SMOKE DETECTOR ALARM AS SIGNAL. A TROUBLE CONDITION SHALL BE ACTIVATED DUE TO THE LOSS OF AC POWER AT THE MAIN CONTROL PANEL, CONSISTING OF AUDIBLE AND VISUAL TROUBLE SIGNAL UNTIL ACKNOWLEDGED BY OPERATOR. REFER TO DETAIL A/E302.

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		ZONE #8 - PORTABLES
	ZONE #6	
	A/C POWER (A) (IM) FSD ZONE #	8 <u>IM</u>
		ZONE #5 - OFFICE
		ZONE #4 - EAST WING
		ZONE #3 - WEST WING
<ul><li>€</li><li>¥</li><li>¥</li></ul>	_ <u>\</u>	ZONE #2 — BOILER ROOM ZONE #1 — NORTH WING
		FIRE ALARM ANNUNCIATOR
	NEW FIRE ALARM CONTROL PANEL	
	(4)——	[

PARTIAL FIRE ALARM RISER DIAGRAM — RENOVATION SCALE: N.T.S.

Alarm | Supervisory

•

•

1 NORTH WING

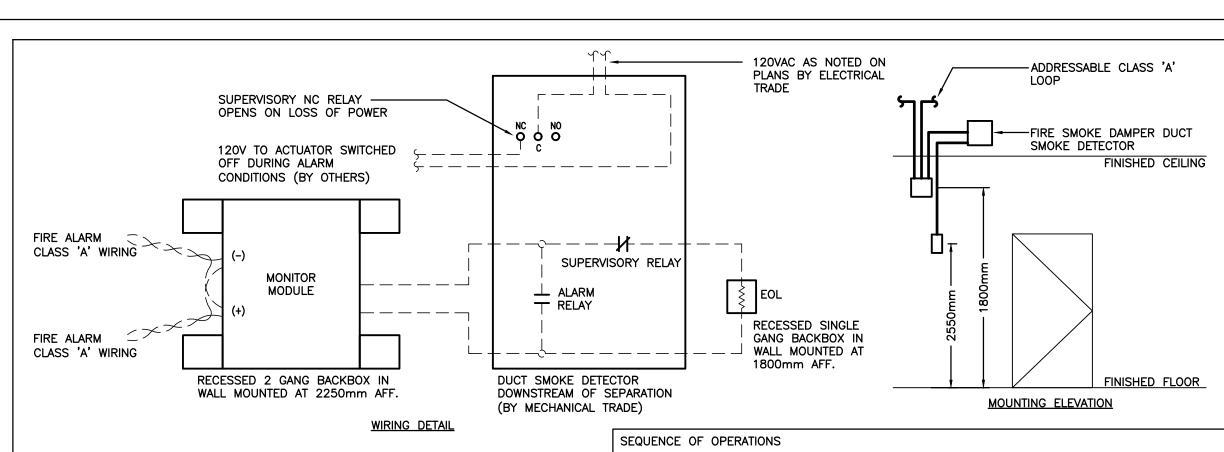
4 EAST WING

8 PORTABLES 9 SPARE 10 SPARE 11 SPARE 12 SPARE

5 OFFICE 6 GYMNASIUM

2 BOILER ROOM 3 WEST WING

7 FIRE SMOKE DAMPER



MONITOR MODULE AND END OF LINE RESISTOR DEVICE MOUNTING HEIGHTS SHALL BE PER CAN/ULC S524 (LATEST EDITION).

A-FIRE/SMOKE DAMPER INSTALLATION DETAIL scale: NTS

2. MOUNT DEVICES WITHIN ACCESSIBLE LOCATIONS IN SERVICE ROOMS, WHERE POSSIBLE. IN THE VICINITY OF RESPECTIVE FIRE SMOKE DAMPER. DEVICES IN FINISHED SPACES TO BE C/W FLUSH MOUNT DEVICE BOXES AND COVERS. DEVICE COVERS TO BE LABELLED PER CAN/ULC S524 (LATEST EDITION).

NORMAL CONDITION:
ALARM CONTACT OPEN, AUXILIARY CONTACT CLOSED, AC POWER IS PROVIDED TO DAMPER ACTUATOR, DAMPER IS OPEN. ALARM CONDITION:
ALARM CONTACT CLOSES, BUILDING FIRE ALARM IS ACTIVATED, AUXILIARY CONTACT OPENS, AC POWER REMOVED FROM DAMPER ACTUATOR. SUPERVISION:
LOSS OF AC POWER, COVER LEFT OFF, WIRING ISSUE WILL CAUSE TROUBLE CONDITION. SUPERVISORY CONTACT OPENS, MAIN FIRE ALARM CONTROL PANEL WILL INDICATE TROUBLE, ADDRESSABLE MODULE WILL INDICATE DAMPER LOCATION. DAMPER POSITION IS NOT MONITORED BY FIRE ALARM CONTROL

	Project North	True North
	No. Revisions	Date
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	4 ISSUED FOR TENDE	
	3 ISSUED FOR PERMIT	Г 2024.04.19

2 ISSUED FOR SPA SUBMISSION 2024.02.27

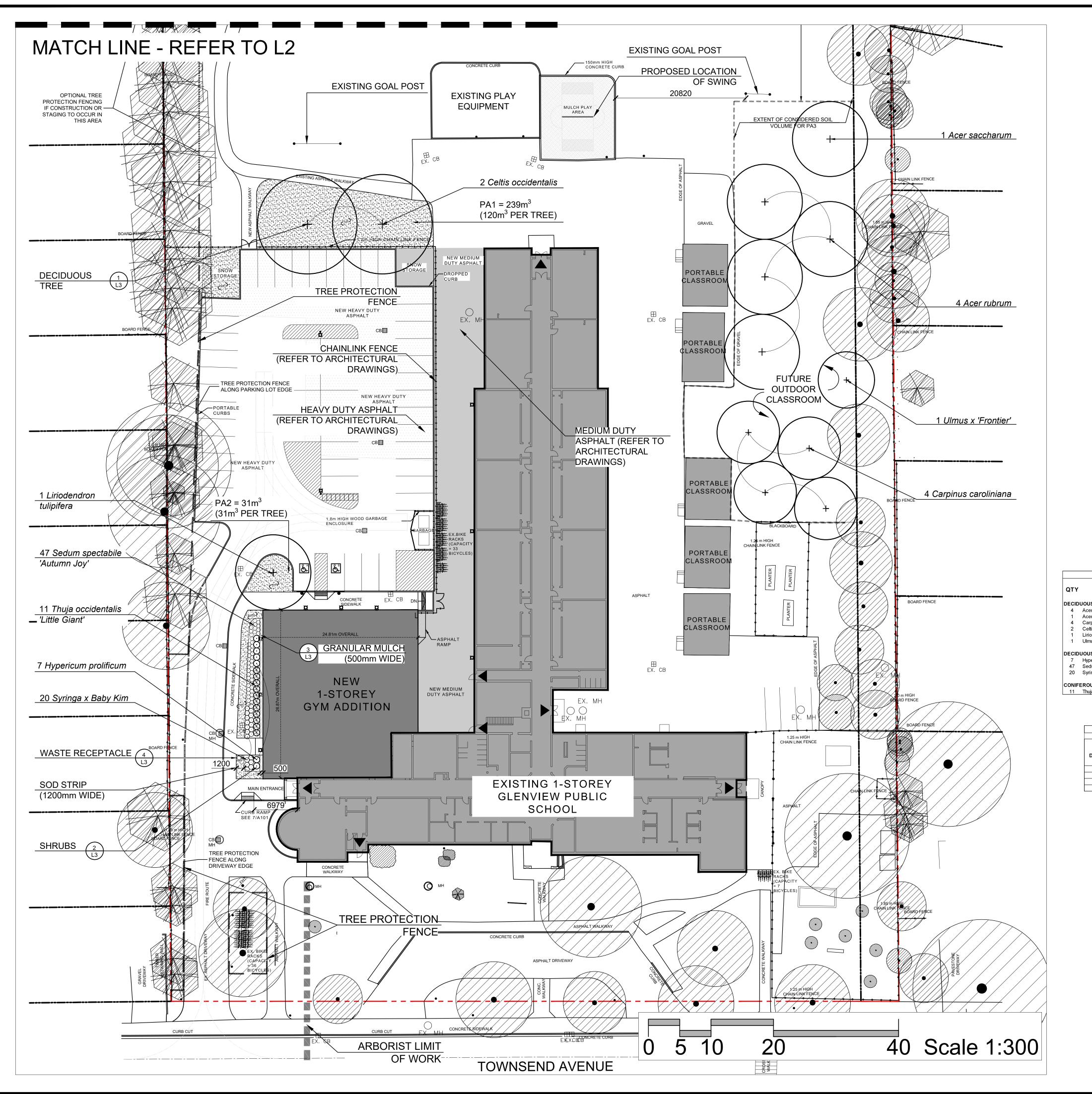
Revision

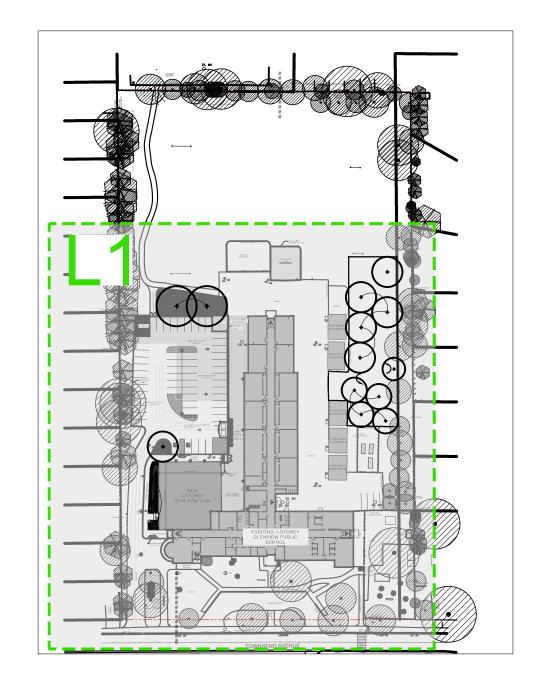
I ISSUED FOR SPA REVIEW SET 2024.02.06



FIRE ALARM RISER DIAGRAM AND PASSIVE GRAPHIC

Scale: AS NOTED	Date: MAY 2024		
Drawn by: SB	Checked by: RV		
Job No.	Drawing No.		
2314	E302		

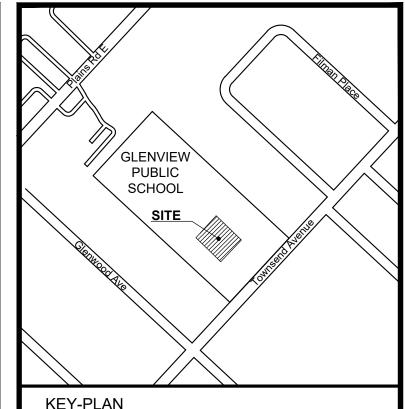




# **KEY PLAN**

	PLANT LIST						
QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS		
DECID	UOUS TREES						
4	Acer rubrum	Red Maple	75mm	WB	uniform, symmetrical		
1	Acer saccharum	Sugar Maple	75mm	WB	uniform, symmetrical		
4	Carpinus caroliniana	Blue Beech	75mm	WB	uniform, symmetrical		
2	Celtis occidentalis	Common Hackberry	70mm	WB	uniform, symmetrical		
1	Liriodendron tulipifera	Tulip Tree	60mm	WB	uniform, symmetrical		
1	Ulmus x 'Frontier'	Frontier Elm	75mm	WB	uniform, symmetrical		
DECID	UOUS SHRUBS						
7	Hypericum prolificum	Shrubby St. John's Wort	40cm	3 gal.	1000mm o.c. spacing		
47	Sedum spectabile 'Autumn Joy'	Autumn Joy Stonecrop		2 gal	600mm o.c. spacing		
20	Syringa x Baby Kim	Baby Kim Dwarf Lilac		2 gal	750mm o.c. spacing		
CONIF	EROUS SHRUBS						
11	Thuja occidentalis 'Little Giant'	Little Giant Cedar	40cm	3 gal.	1000mm o.c. spacing		

SOIL VOLUME									
SOIL AREA DESIGNATION	SOIL AREA (m²)	SOIL DEPTH (m)	SOIL VOLUME (m³)	TREE QUANTITY	SOIL VOLUME PER TREE (m³)	REQUIRED SOIL VOLUME PER TREE (m³)			
PA1	266	0.9	239	2	120	20			
PA2	35	0.9	31	1	31	30			
D.1.0	4.400	0.0	1000	40	400	00			



KEY-PLAN
----------

# <u>LEGEND</u>

EXISTING PROPERTY LINE

EXISTING DECIDUOUS TREE TO BE RETAINED

EXISTING CONIFEROUS TREE TO BE RETAINED

PROPOSED DECIDUOUS TREE
PROPOSED CONIFEROUS TREE

PROPOSED DECIDUOUS SHRUB

PROPOSED CONIFEROUS SHRUB
PROPOSED SOD

PROPOSED GRANULAR MULCH

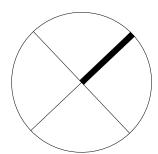
TREE PROTECTION FENCE

OPTIONAL TREE PROTECTION FENCE

SOURCE OF BASE INFORMATION:
Site plan & Servicing plan provided by Snyder
Architects Inc., Job. no. 2314, drawing sheet A101
dated February 27, 2024.

4 04/15/2024 ISSUED FOR SPA RG
3 02/28/2024 ISSUED FOR SPA RG
2 02/12/2024 ISSUED FOR SPA RG
1 02/07/2024 ISSUED FOR REVIEW AS

REVISIONS



No. DATE DESCRIPTION





Innovative outside thinking

270 Sherman Avenue North, Suite 315-MILL, Hamilton, ON L8L 6N4
Telephone: 905.681.7604 Fax: 905.681.2944 www.omcla.ca
LANDSCAPE ARCHITECTURE ENVIRONMENTAL PLANNING RESOURCE ANALYSIS

GLENVIEW PUBLIC

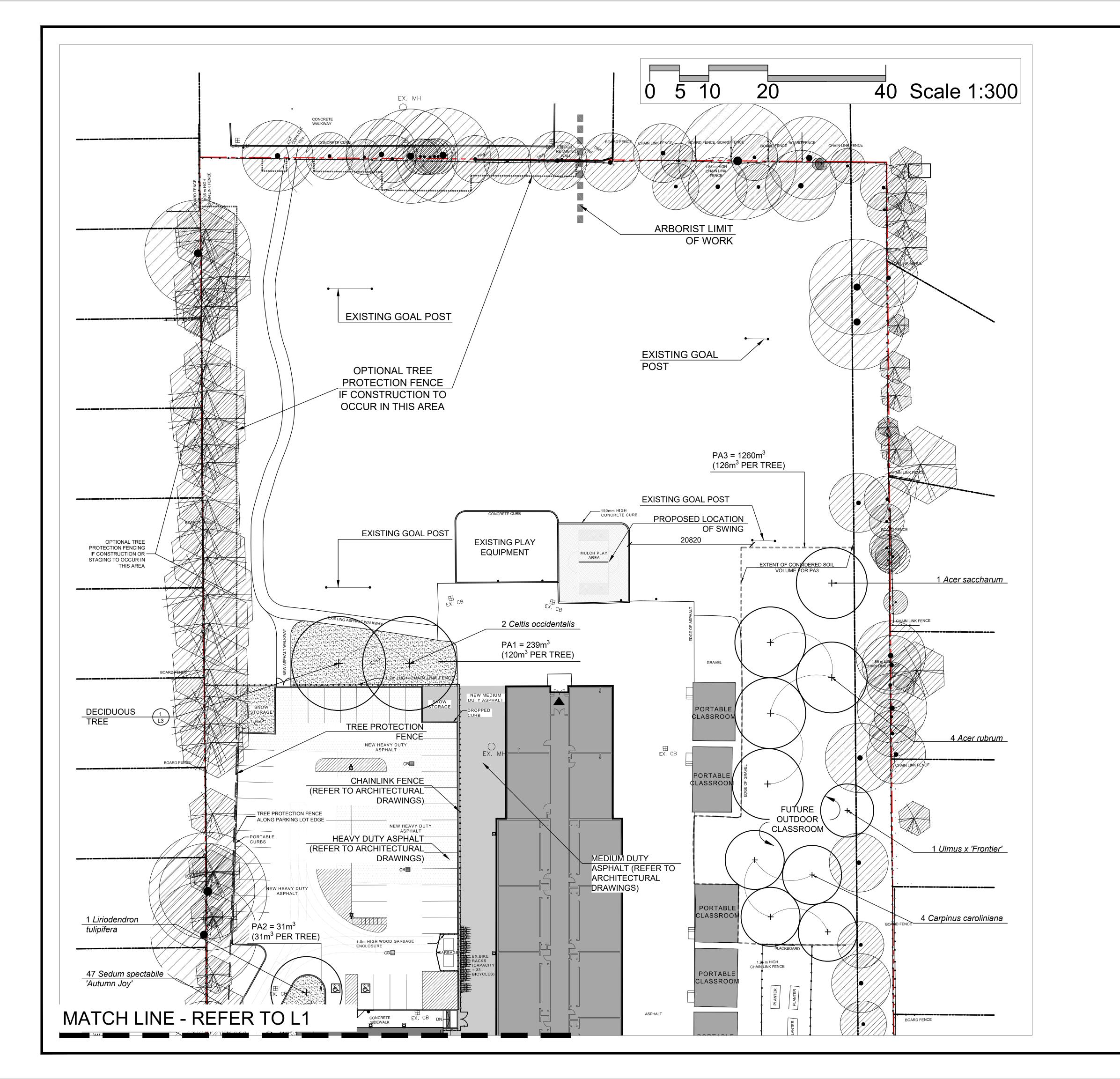
SCHOOL (GYM ADDITION)
134 Townsend Ave,

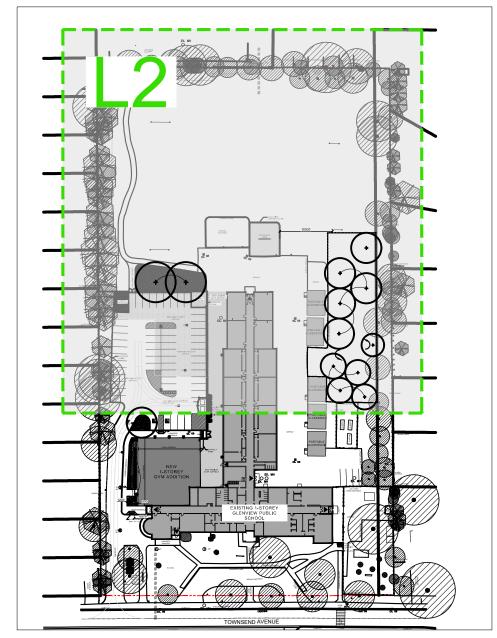
BURLINGTON, ONTARIO

### **PLANTING PLAN**

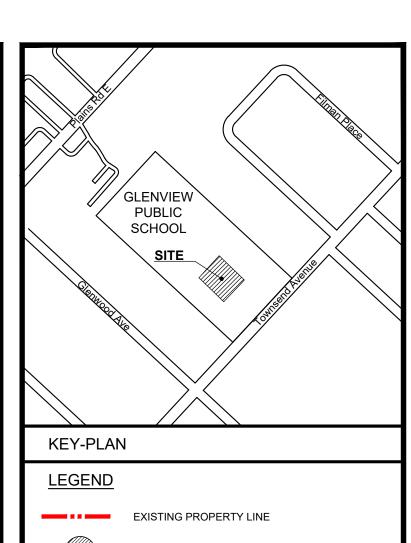
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24	1330LD I ON 3FA	
15, 2024	SCALE: 1:300	CHECKED: MM
Apr.	DATE: April 15, 2024	DRAWING: L1
Jate:	DRAWN: AS	PROJECT: 1631





**KEY PLAN** 



EXISTING DECIDUOUS TREE TO BE RETAINED

EXISTING CONIFEROUS TREE TO BE RETAINED

PROPOSED DECIDUOUS TREE

PROPOSED CONIFEROUS TREE
PROPOSED DECIDUOUS SHRUB

PROPOSED CONIFEROUS SHRUB

PROPOSED SOD

PROPOSED GRANULAR MULCH

TREE PROTECTION FENCE

———— OPTIONAL TREE PROTECTION FENCE

SOURCE OF BASE INFORMATION:

Site plan & Servicing plan provided by Snyder Architects Inc., Job. no. 2314, drawing sheet A101 dated February 27, 2024.

4 04/15/2024 ISSUED FOR SPA RO 3 02/28/2024 ISSUED FOR SPA RO 2 02/12/2024 ISSUED FOR SPA RO

No. DATE DESCRIPTION
REVISIONS

1 02/07/2024 ISSUED FOR REVIEW



ONC LANDSCAPE ARCHITECTURE

outside thinkir

270 Sherman Avenue North, Suite 315-MILL, Hamilton, ON L8L 6N4
Telephone: 905.681.7604 Fax: 905.681.2944 www.omcla.ca
LANDSCAPE ARCHITECTURE ENVIRONMENTAL PLANNING RESOURCE ANALYSIS

GLENVIEW PUBLIC

SCHOOL (GYM ADDITION)
134 Townsend Ave,

BURLINGTON, ONTARIO

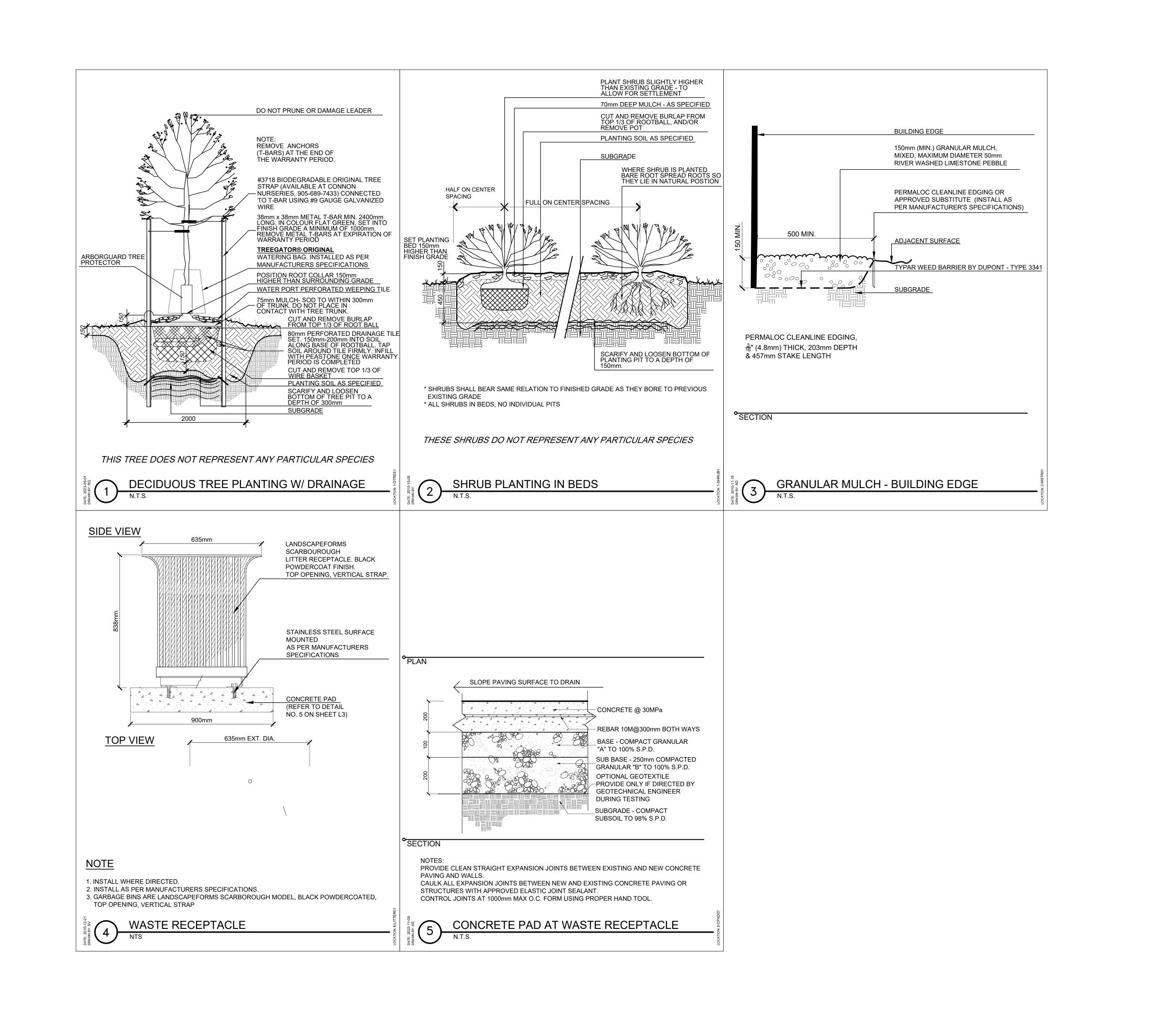
**PLANTING PLAN** 

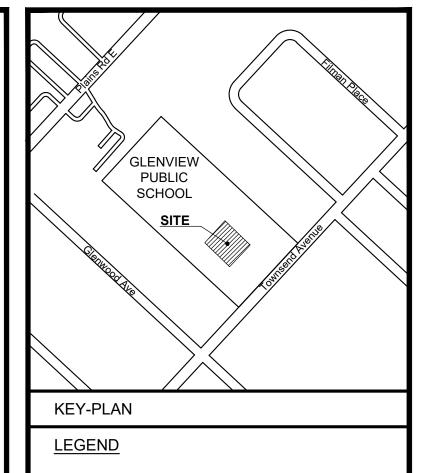
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SCALE: 1:300 CHECKED: MM

DATE: April 15, 2024 DRAWING: L2

DRAWN: AS PROJECT: 1631



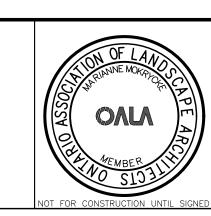


SOURCE OF BASE INFORMATION: Site plan & Servicing plan provided by Snyder

Architects Inc., Job. no. 2314, drawing sheet A101 dated February 27, 2024.

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3	02/28/2024	ISSUED FOR SPA	R
2	02/12/2024	ISSUED FOR SPA	R
1	02/07/2024	ISSUED FOR REVIEW	Α
No.	DATE	DESCRIPTION	В

REVISIONS





April

270 Sherman Avenue North, Suite 315-MILL, Hamilton, ON L8L 6N4 Telephone: 905.681.7604 Fax: 905.681.2944 www.omcla.ca

LANDSCAPE ARCHITECTURE ENVIRONMENTAL PLANNING RESOURCE ANALYSIS

**GLENVIEW PUBLIC** SCHOOL (GYM ADDITION) 134 Townsend Ave,

BURLINGTON, ONTARIO

**DETAILS** 

ISSUED FOR SPA

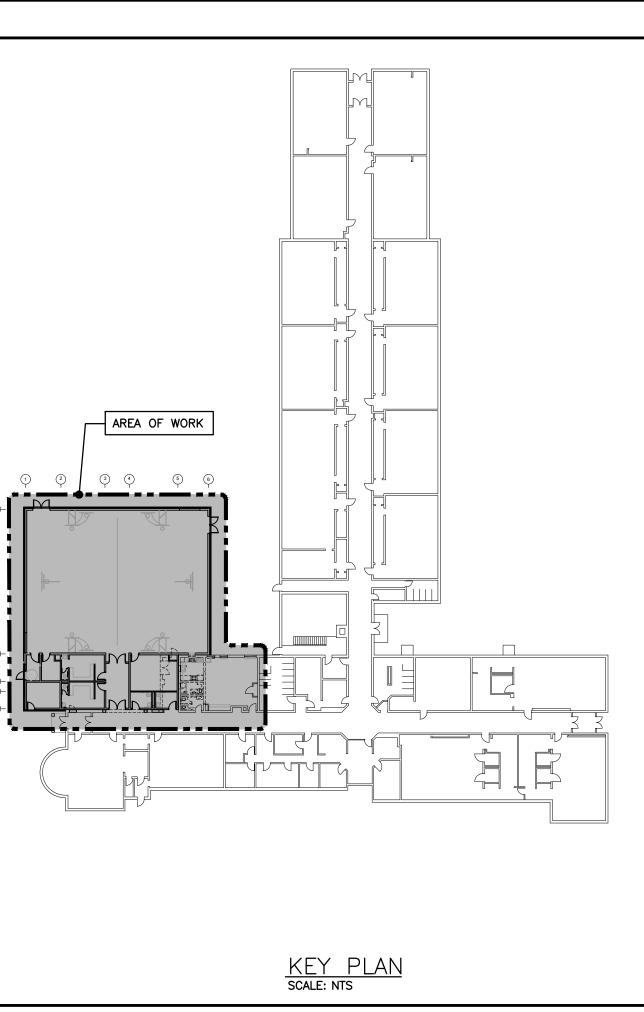
SCALE: N/A CHECKED: MM DATE: April 15, 2024 DRAWING: L3 DRAWN: AS PROJECT: 1631

									OADAOIDA INDIOATED ON CONEDURE DEFEN TO
<u>PLU</u>	mbing fixtur	RE SCHE	DULE						CAPACITY INDICATED ON SCHEDULE REFER TO SPECIFICATION FOR CONSTRUCTION STANDARDS, ACCESSORIES AND ADDITIONAL INFORMATION.
		Connectio	n Sizes		Fixture		Trim		Accessories
Item	Туре	HW CW TW		Acceptable Manufacturer	Fixture Description	Acceptable Manufacturer	Trim Description	Acceptable Manufacturer	Accessory Description
WC-1	BARRIER-FREE FLOOR MOUNTED FLUSH VALVE WATER CLOSET	25	80 40	'	FLOOR-MOUNTED, FLUSH VALVE, FOR BARRIER-FREE. TOP OF SEAT TO BE BETWEEN 400 MM (16") AND 450 MM (18") FROM FINISHED FLOOR.	ZURN Z6000AV-WS1-DF	EXPOSED, POLISHED CHROME, EXTERNALLY ADJUSTABLE, DUAL FLUSH DIAPHRAGM TYPE WITH NPS 25 MM (1") SCREWDRIVER ANGLE STOP, OSCILLATING HANDLE, FLUSH CONNECTION AND COUPLING FOR NPS 40 MM (1 1/2") TOP SPUD, WALL AND SPUD ESCUTCHEONS, SEAT BUMPER AND VACUUM BREAKER. ULTRA LOW FLUSH CYCLE: ADJUSTABLE FROM 3.8 — 17 LITRES (1.0 — 4.5 GAL)/FLUSH, FACTORY SET TO 5.7 LITRES (1.5 GAL)/FLUSH.	SEAT: CENTOCO HL820STS BEMIS OLSONITE	SEAT: WHITE 50 MM (2") LIFT, ELONGATED, OPEN FRONT, ANTIMICROBIAL, WITH COVER, MOLDED SOLID PLASTIC, COVER, STAINLESS STEEL CHECK HINGES, STAINLESS STEEL OR SOLID BRASS INSERT POST.
WC-2	FLOOR MOUNTED FLUSH VALVE WATER CLOSET	25	80 40	AMERICAN STANDARD MADERA KOHLER CRANE	FLOOR-MOUNTED, TOP SPUD, ULTRA-LOW FLUSH, MAXIMUM 6 LITRES (1.6 GAL)/FLUSH. VITREOUS CHINA, SIPHON JET, ELONGATED RIM.	ZURN Z6000AV-WS1-DF SLOAN MOEN COMMERCIAL	EXPOSED, POLISHED CHROME, EXTERNALLY ADJUSTABLE, DUAL FLUSH DIAPHRAGM TYPE WITH NPS 25 MM (1") SCREWDRIVER ANGLE STOP, OSCILLATING HANDLE, FLUSH CONNECTION AND COUPLING FOR NPS 40 MM (1 1/2") TOP SPUD, WALL AND SPUD ESCUTCHEONS, SEAT BUMPER AND VACUUM BREAKER. ULTRA LOW FLUSH CYCLE: ADJUSTABLE FROM 3.8 — 17 LITRES (1.0 — 4.5 GAL)/ FLUSH, SET TO 5.7 LITRES	SEAT: CENTOCO AM500STSCC BEMIS OLSONITE	SEAT: HEAVY-DUTY, WHITE, ELONGATED, OPEN FRONT, ANTIMICROBIAL, MOULDED SOLID PLASTIC, LESS COVER, STAINLESS STEEL CHECK HINGES, STAINLESS STEEL OR SOLID BRASS INSERT POST.
L-1	BARRIER-FREE WALL MOUNTED LAVATORY (C/W FLOOR MOUNTED WALL CARRIER)	15 15	32 32	AMERICAN STANDARD MURRO KOHLER CRANE	VITREOUS CHINA, LOW SHELF, WITH INTEGRAL BACK, CONTOURED FRONT, SHALLOW FRONT BASIN, FRONT OVERFLOW, SUPPLY OPENINGS ON 100 MM (4") CENTRES, KNEE CONTACT GUARD, CONCEALED SUPPORTS. SIZES: 686 MM X 500 MM (27" X 20"), SQUARE FRONT. WASTE FITTING: NPS 32 MM (1 1/4") OFFSET WASTE WITH GRID STRAINER & CHROME PLATED CAST BRASS 2-PIECE P-TRAP.	DELTA 591T1250 ZURN MOAN COMMERCIAL	TRIM BARRIER-FREE ELECTRONIC FAUCET. ACTIVATED BY [INFRA-RED] SENSOR RESPONDING TO PRESENCE OF PERSON'S HANDS IN LAVATORY. SENSOR: WATERPROOF, [INCORPORATED IN BODY OF UNIT DECK-MOUNTED] WITH IMPACT-RESISTANT PLASTIC LENS WITH ANTI-SCRATCH COATING, SENSITIVITY ADJUSTABLE FROM 100 MM TO 450 MM (4" TO 18"). WATER CONSERVATION: 30 SECOND MAXIMUM RUN TIME. CONTROLS: VANDAL-PROOF. SPOUTS CHROME PLATED, WITH AERATOR HAVING INTEGRAL FLOW CONTROL FOR 8.35 L/MIN (2.2 GPM) AT 413 KPA (60 PSI) MAXIMUM. UNDER-COUNTER TEMPERATURE THERMOSTATIC MIXING CONTROL VALVE. (POWERS OR EQUAL). SUITABLE FOR 120/1/60.	MCGUIRE PROWRAP TRUEBRO	INSULATE WASTE AND SUPPLIES WITH UL LISTED PREFORMED INSULATION SYSTEM COMPLETE WITH SEAMLESS JACKET. PROVIDE POWERS HYDROGUARD SERIES LFLM495 OR EQUAL THERMOSTATIC MIXING VALVE TO LIMIT THE HOT WATER SUPPLY TEMPERATURE. WASTE FITTING: GRID STRAINER. PROVIDE OFFSET P/O + GUARD FOR BARRIER FREE. COMPLETE WITH PLUG—IN TRANSFORMER SUITABLE FOR 120/1/60. PROVIDE FLOOR MOUNTED WALL CARRIER
L-2	WALL MOUNTED LAVATORY (C/W FLOOR MOUNTED WALL CARRIER)	15 15	32 32	AMERICAN STANDARD LUCERNE KOHLER CRANE	WALL-HUNG, INTEGRAL BACK, VITREOUS CHINA, WITH SPLASH LIP, SOAP DEPRESSIONS, SUPPLY OPENINGS ON 100 MM (4") CENTRES, OVERFLOW. SIZE: 500 MM X 450 MM (20" X 18"). WASTE FITTING: NPS 32 MM (1 1/4") OFFSET WASTE WITH GRID STRAINER & CHROME PLATED CAST BRASS 2-PIECE P-TRAP	DELTA 591T1250 ZURN MOAN COMMERCIAL	TRIM BARRIER-FREE ELECTRONIC FAUCET. ACTIVATED BY [INFRA-RED] SENSOR RESPONDING TO PRESENCE OF PERSON'S HANDS IN LAVATORY. SENSOR: WATERPROOF, [INCORPORATED IN BODY OF UNIT DECK-MOUNTED] WITH IMPACT-RESISTANT PLASTIC LENS WITH ANTI-SCRATCH COATING, SENSITIVITY ADJUSTABLE FROM 100 MM TO 450 MM (4" TO 18"). WATER CONSERVATION: 30 SECOND MAXIMUM RUN TIME. CONTROLS: VANDAL-PROOF. SPOUT: CHROME PLATED, WITH AERATOR HAVING INTEGRAL FLOW CONTROL FOR 8.35 L/MIN (2.2 GPM) AT 413 KPA (60 PSI) MAXIMUM. UNDER-COUNTER TEMPERATURE THERMOSTATIC MIXING CONTROL VALVE. (POWERS OR EQUAL). SUITABLE FOR 120/1/60.	MCGUIRE PROWRAP TRUEBRO	INSULATE WASTE AND SUPPLIES WITH UL LISTED PREFORMED INSULATION SYSTEM COMPLETE WITH SEAMLESS JACKET. PROVIDE POWERS HYDROGUARD SERIES LFLM495 OR EQUAL THERMOSTATIC MIXING VALVE TO LIMIT THE HOT WATER SUPPLY TEMPERATURE. WASTE FITTING: NPS 32 MM (1½") OFFSET WASTE WITH GRID STRAINER. COMPLETE WITH PLUG—IN TRANSFORMER SUITABLE FOR 120/1/60.  PROVIDE FLOOR MOUNTED OR WALL CARRIER
FD-1	GENERAL DUTY FLOOR DRAIN		NOTED 40	ZURN ZN-415-B MIFAB F1100C WATTS DRAINAGE FD-100-C-AS-1 OR FD-100-C-LS-1 JAY R. SMITH 2005-A05NB	GENERAL DUTY CAST IRON BODY, ADJUSABLE HEAD, NICKEL BRONZE STRAINER, INTEGRAL SEEPAGE PAN, AND CLAMPING COLLAR. USE SQUARE STRAINER IN TILED AREAS AND ROUND STRAINER ELSEWHERE. C/W TRAP PRIMER				
RD-1	ROOF DRAIN		NOTED	ZURN ZA121-CR MIFAB R1200-BU CONTOUR C1000DMP WATTS RD-100-BED-K SMITH 1015-C-R-AD	STANDARD ROOF DRAIN WITH CAST IRON BODY WITH ALUMINUM DOME, UNDER-DECK CLAMP TO SUIT ROOF CONSTRUCTION, ROOF SUMP RECIEVER, FLASHING CLAMP WITH INTEGRAL GRAVEL STOP.				

	Type	Nominal Capacity				ESP	Motor	Electrical Data		:a	Acceptable	Makes
Item	Туре	tons	cfm	Heat MBH	Cool MBH	1. 1	hp	Voltage	MCA	моср	Notes	Notes
	PACKAGED ROOFTOP HVAC UNIT	20	7000	400	242	1.5	2.9	575/3/60	47	60	TRANE DHJ240AWSAH	HIGH HEAT, DOWN DISCHARGE & RETURN. INTEGRAL AIR/SOURCE HEAT PUMP OPERATION C/W NATURAL GAS BACKUP, 24" HIGH ROOF CURB WITH VIBRATION ISOLATION RAIL.

GF	RILLE SCHEDULE	<u>-</u>			CAPACITY INDICATED ON SCHEDULE REFER TO SPECIFICATION FOR CONSTRUCTION STANDARDS, ACCESSORIES AND ADDITIONAL INFORMATION.
ltem	Туре	Manufacturer & Model	Finish	Remarks	
D1	ROUND CEILING SUPPLY	KRUEGER RA2	BAKED OFF WHITE	C/W SAFETY CHAINS. SLIDING ADJUSTMENT NOT ACCEPTABLE	
D2	ROUND SUPPLY	KRUEGER RA2	BAKED OFF WHITE	C/W SAFETY CHAINS & GUARD. SLIDING ADJUSTMENT NOT ACCEPTABLE	
R1	CEILING RETURN/EXHAUST	KRUEGER EGC5	BAKED OFF WHITE	C/W SCREWED FASTENING	
R2	GYMNASIUM RETURN	KRUEGER S480	BAKED OFF WHITE	C/W SCREWED FASTENING	

<u>FA</u>	N SCHEDUL	<u>E</u>							CAPACITY INDICATED ON SCHEDULE REFER TO SPECIFICATION FOR CONSTRUCTION STANDARDS, ACCESSORIES AND ADDITIONAL INFORMATION.
Item	Туре	Service	Exh Capacity cfm	aust Air Size hp	Data SP in. wc	Voltage	Manufacturer	Model	Remarks
EF-1	ROOF MOUNTED EXHAUST	WASHROOM EXHAUST	400	1/4	0.75	120/1/60	PENN BARRY		C/W 600mm (24") HIGH INSULATED ROOF CURB & BACKDRAFT DAMPER. DVR BY BAS CONTRACTOR
EF-2	RANGEHOOD (DUCTED)	STAFF ROOM	210	Fhp 3 SPD	0.20	120/1/60	BROAN	SAHALE BKDF1	CONTOURED STEEL HOUSING, FULLY ENCLOSED BOTTOM, TOP DISCHARGE, CENTIFUGAL BLOWER WHEELS, WASHABLE ALUMINUM FILTERS, 3 SPEED BLOWER CONTROL, PROVIDE 2 LEVEL LED LIGHTING. COLOUR SELECTED BY CONSULTANT.
EF-3	CEILING EXHAUST FAN	EXTERIOR STORAGE RM.	100	Fhp	0.20	120/1/60	BROAN	L100	ACOUSTICALLY INSULATED STEEL HOUSING, CENTIFUGAL BLOWER WHEEL, 90° DISCHARGE OUTLET W/BACKDRAFT DAMPER, C/W WHITE PAINTED ENAMEL STEEL GRILLE, VIBRATION ISOLATORS, 1.1 SONES



Item	Description	Item	Description
<del></del>	CUT EXISTING & CONNECT NEW PIPING	o	INLINE PUMP
<b>—</b>	FLOW DIRECTION	TCV	TEMPERATURE CONTROL VALVE
	DOMESTIC COLD WATER PIPING	[ <b>▼</b> FE	RECESSED CABINET MOUNT FIRE EXTINGUISHER
	DOMESTIC HOT WATER PIPING	<b>▼</b> FE	WALL MOUNTED FIRE EXTINGUISHER
	DOMESTIC HOT WATER RECIRC. PIPING	<b>]</b> ғв	FIRE BLANKET IN CABINET
	EXISTING DOMESTIC COLD WATER PIPING	o <sup>co</sup>	FLOOR CLEANOUT
	EXISTING DOMESTIC HOT WATER PIPING	СФ	THERMOSTAT (WITH OR WITHOUT GUARD)
· · · ·	EXISTING DOMESTIC HOT WATER RECIRC. PIPING	)))))	TURNING VANES
— —EX—SAN—	EXISTING SANITARY PIPING ABOVE FLOOR		BETERRY/ADMENT AIR DUC
EX-SAN-	EXISTING SANITARY PIPING BELOW FLOOR		
— —SAN — —	SANITARY PIPING ABOVE FLOOR	-	ACOUSTIC DUCT LINING
——SAN——	SANITARY PIPING BELOW FLOOR		BHERMALLINEUSATIONN CO
—ST-·—	EXISTING STORM PIPING ABOVE FLOOR	] <sub>[</sub> / <sub>1</sub> ,	C/W BALANCING DAMPER
—ST—·—	EXISTING STORM PIPING BELOW FLOOR		TRUNK MAIN BRANCH COL
—sr-·—	STORM PIPING ABOVE FLOOR	]	C/W BALANCING DAMPER
—ST—·—	STORM PIPING BELOW FLOOR		
——SP——	SPRINKLER PIPING	<b>—</b> BD	BALANCING DAMPER
—HWS——	HEATING WATER SUPPLY PIPING	— OBD	OPPOSED BLADE DAMPER
— —HWR— —	HEATING WATER RETURN PIPING	<b>—</b> FD	FIRE DAMPER
——-G——	NATURAL GAS PIPING		FLEXIBLE ROUND DUCT
——HPG——	HIGH PRESSURE NATURAL GAS PIPING		RIGID ROUND DUCT
FD <b>V</b> →	FLOOR DRAIN	Type Size Cap.	DIFFUSER/GRILLE SIZE (im TYPE & CAPACITY (cfm)
-79-P-	TRAP PRIMER	Size 1 Type Size 2	HYDRONIC HEATING SIZE,
	TEE CONNECTION	Capacity	TYPE & CAPACITY
<b>c</b> —	PIPE DOWN	AD	ACCESS DOOR
<b>o</b> —	PIPE UP		EXPANSION COMPENSATOR/JOINT
<del></del> II	SCREWED OR WELDED PIPE CAP	RIC	RETURN IN CABINET
<u> </u>	BALL VALVE	AFF	ABOVE FINISHED FLOOR
BV BV	BALANCING VALVE	<b>——</b> ЕХ <b>——</b>	EXISTING DUCT (SIZE AS INDICATED)

- A. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PREPARED SPECIFICATION.
- B. CONTRACTOR TO INCLUDE COST FOR CONSULTANT TO COMPLETE ELECTRONIC CAD AS-BUILT DWGS (ALL PAGES). REFER TO SPEC SECTION 20 02 51 RECORD DWGS.
- C. ALL PIPING, DUCTWORK, AND EQUIPMENT IS TO BE RESTRAINED TO MEET SEISMIC CODE REQUIREMENTS. SUPPLY AND INSTALL ALL SEISMIC RESTRAINT MATERIALS TO MANUFACTURER'S WRITTEN INSTRUCTIONS. REFER TO SPECIFICATION.
- D. SANITARY VENT PIPING IS NOT SHOWN. PROVIDE ALL NECESSARY VENT PIPING FROM ALL FIXTURES FOR A COMPLETE SYSTEM TO ALL LOCAL PLUMBING CODE & LOCAL AUTHORITY REQUIREMENTS, CONNECTED TO EXISTING VENTS OR NEW VENTS AS REQUIRED. CO—ORDINATE VENT LOCATION(S) WITH GENERAL CONTRACTOR. MAINTAIN MIN 14'-0" FROM ANY AIR INLET. INSTALL VENT PIPING HIGH IN JOIST SPACE.
- E. WHERE DUCTWORK PENETRATES CORRIDOR WALL, CENTER DUCT(S) BETWEEN OWSJ.
- F. CO-ORDINATE WITH THE GENERAL CONTRACTOR ANY OWSJ BRIDGING/CROSS BRACING RELOCATION OR REMOVAL/REPLACEMENT REQUIRED FOR INSTALLATION OF DUCTWORK.
- G. CONTRACTOR TO LOCATE ISOLATION VALVES / FREEZE PIPING / OR OTHERWISE DRAIN SYSTEMS TO ALLOW PROPOSED WORK TO PROCEED. REFILL SYSTEMS AS INDICATED.

  H. UPON COMPLETION OF THE PROJECT OR UPON COMPLETION OF EACH INDIVIDUAL PHASE OF THE PROJECT THE CONTRACTORS SHALL PROVIDE THE FOLLOWING CERTIFICATES BEFORE
- CONFORMANCE LETTERS ARE ISSUED BY THE CONSULTANT:

   POTABLE WATER TEST (SEE SPEC 22 11 16 PART 3)

   COPY OF MANDATORY TSSA/CSA-B149 GAS PRESSURE TEST TAG

   MECHANICAL SEISMIC RESTRAINT ENGINEER'S INSPECTION/CONFORMANCE LETTER
- ALL CERTIFICATES ARE TO BE SUBMITTED TOGETHER IN A SINGLE PACKAGE.

# IMPORTANT NOTES

- A. SEISMIC RESTRAINT IS REQUIRED FOR THIS PROJECT.
- B. ALL PIPING, DUCTWORK AND EQUIPMENT IS TO BE RESTRAINED TO MEET CODE REQUIREMENTS. THE SEISMIC RESTRAINT MANUFACTURER SHALL PROVIDE DOCUMENTATION ON MAXIMUM RESTRAINT SPACING FOR VARIOUS RESTRAINT SIZES AND ANCHORS, AS WELL AS "WORST CASE" REACTION LOADS FOR EACH RESTRAINT AND/OR ANCHOR SIZE.
- C. SUBMIT SHOP DRAWING AND DESIGN CALCULATION TO CALCULATE REQUIREMENTS FOR SELECTING SEISMICALLY RATED VIBRATION ISOLATORS AND SEISMIC RESTRAINTS. CERTIFICATION DOCUMENTS TO BE SIGNED AND SEALED BY A QUALIFIED PROFESSIONAL ENGINEER WITH AT LEAST 5 YEARS OF EXPERIENCE IN THE DESIGN OF SEISMIC RESTRAINTS. PROFESSIONAL ENGINEER SHALL HAVE LOCAL JURISDICTION AND PROVIDE PERIODIC FIELD REVIEW AND FINAL CERTIFICATION UPON COMPLETION OF THE PROJECT. ALL COSTS AND FEES ASSOCIATED WITH THE ENGINEERING SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR.
- D. REFER TO SPECIFICATION FOR ADDITIONAL REQUIREMENTS.



2050 Guelph Line, Burlington, ON. L7P 5A8

Glenview Public School

Gym Addition

143 Townsend Ave.,
Burlington, ON. L7T 1Z1

Architects

Sn/der
Snyder Architects Inc.
100 Broadview Ave, Suite 301,
Toronto, ON M4M 3H3
t. 416.966.5444, w. snyderarchitects.ca

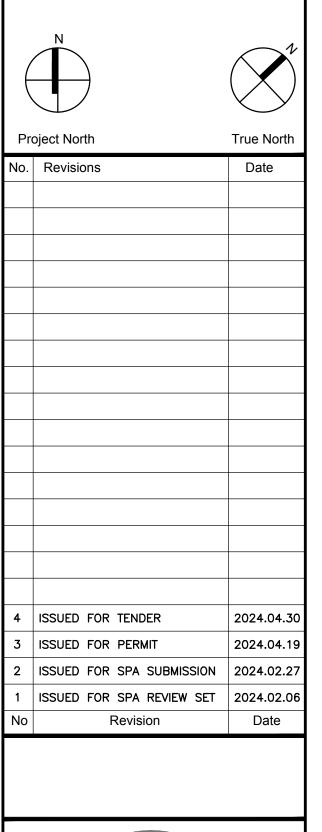


The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work. The drawings show general arrangement of services. Follow as closely as actual building construction will permit. Obtain approval for relocation of service from Consultant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

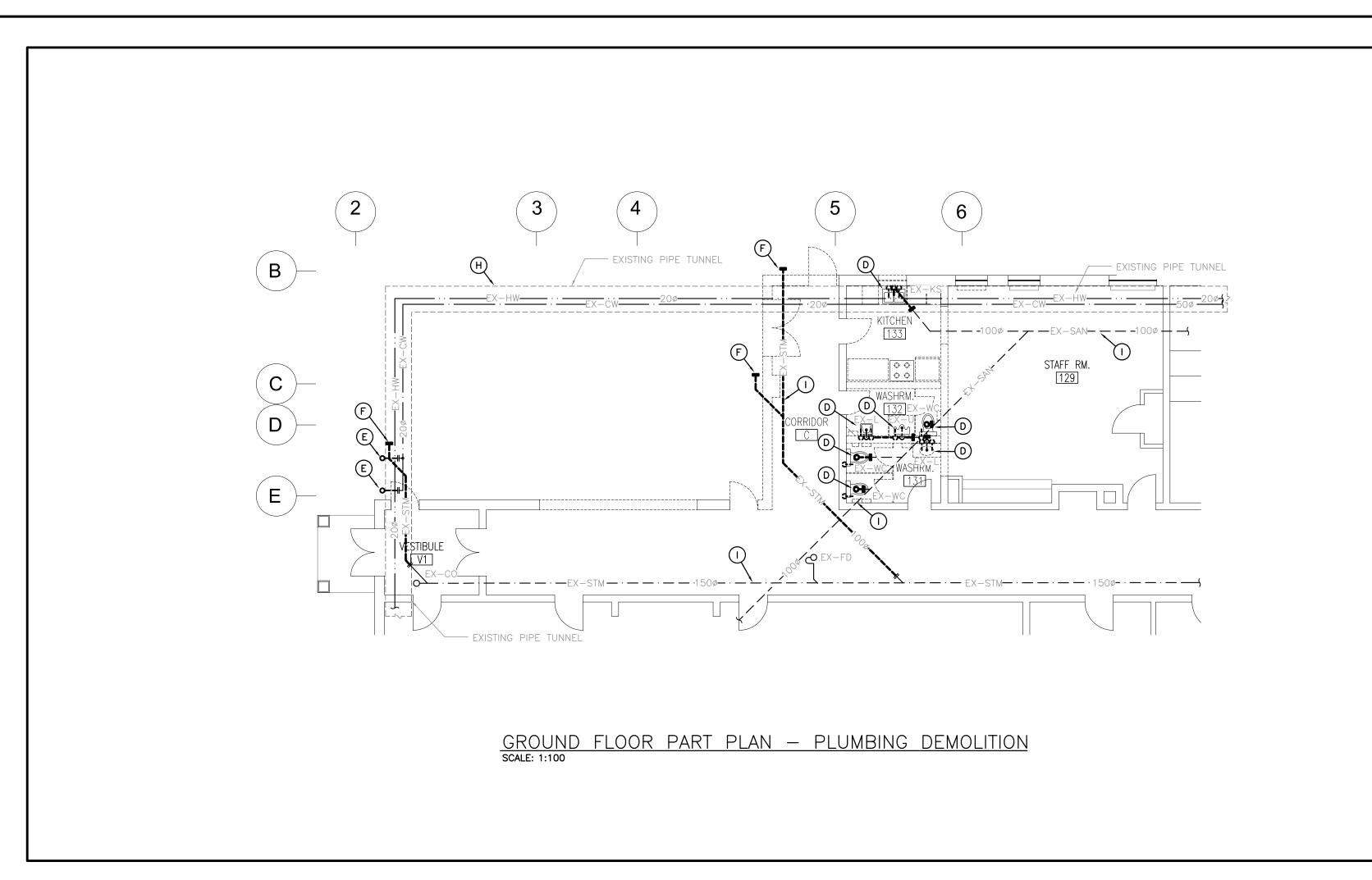
The drawings do not indicate all offsets fitting and accessories which may be required. Provide the same to meet the required conditions. Drawings and specifications, etc., prepared and issued by the consultant are the property of the consultant and must be returned at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant.

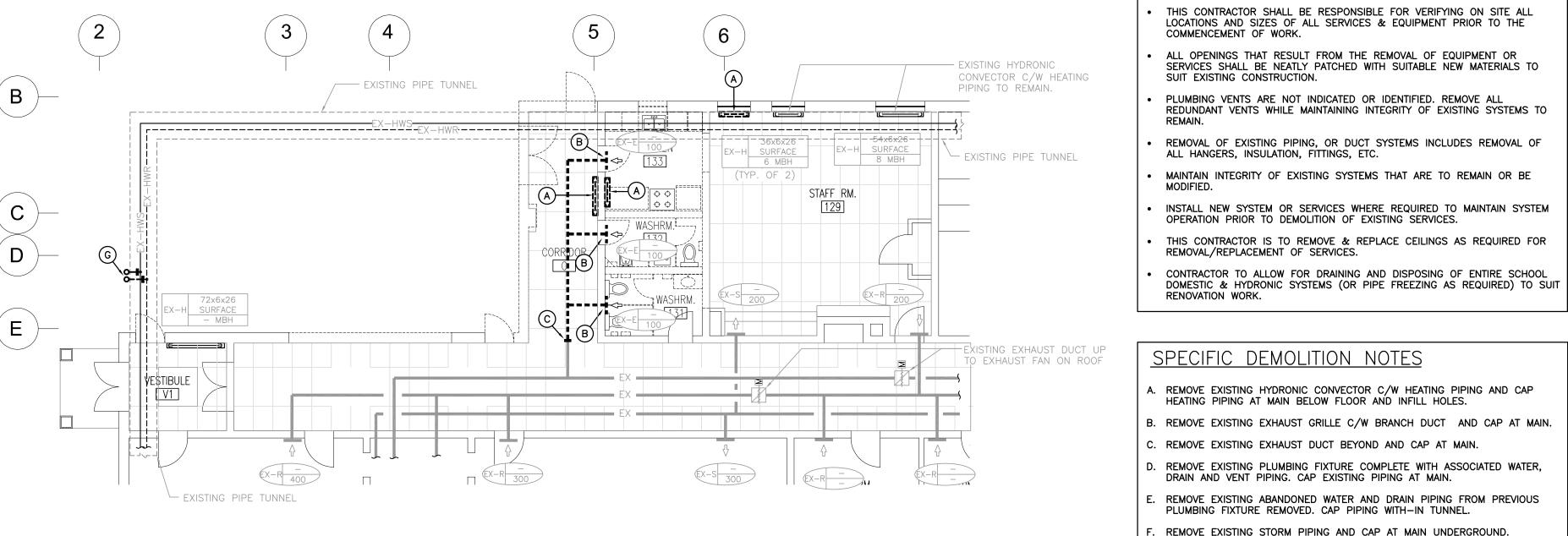
Do not scale this drawing.

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SITE PLAN, LEGEND, & SCHEDULES





GROUND FLOOR PART PLAN — HVAC DEMOLITION SCALE: 1:100

# SPECIFIC DEMOLITION NOTES

. REMOVE EXISTING HYDRONIC CONVECTOR C/W HEATING PIPING AND CAP HEATING PIPING AT MAIN BELOW FLOOR AND INFILL HOLES.

OPERATION PRIOR TO DEMOLITION OF EXISTING SERVICES.

GENERAL DEMOLITION NOTES

COMMENCEMENT OF WORK.

EXISTING MECHANICAL ITEMS NOT SHOWN SHALL REMAIN UNLESS NOTED

RENOVATED SHALL REMAIN AS PRESENTLY INSTALLED AND OPERATING.

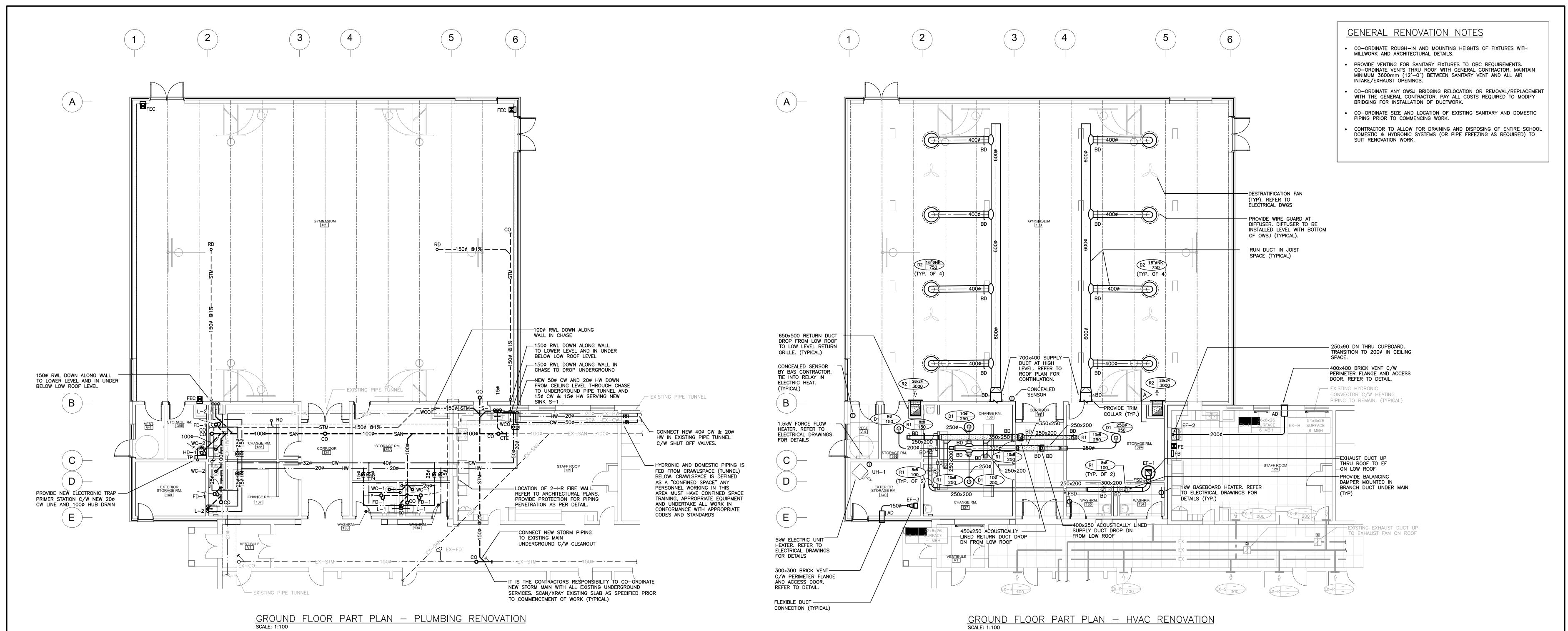
REMOVAL OF EXISTING PIPING, OR DUCT SYSTEMS INCLUDES REMOVAL OF

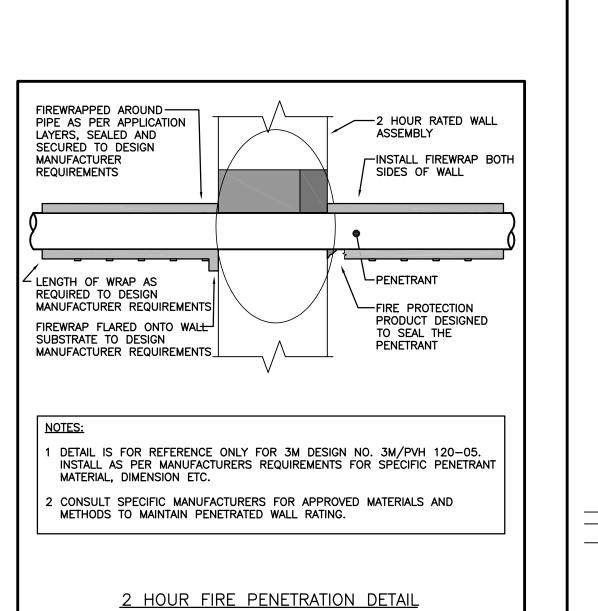
MAINTAIN INTEGRITY OF EXISTING SYSTEMS THAT ARE TO REMAIN OR BE

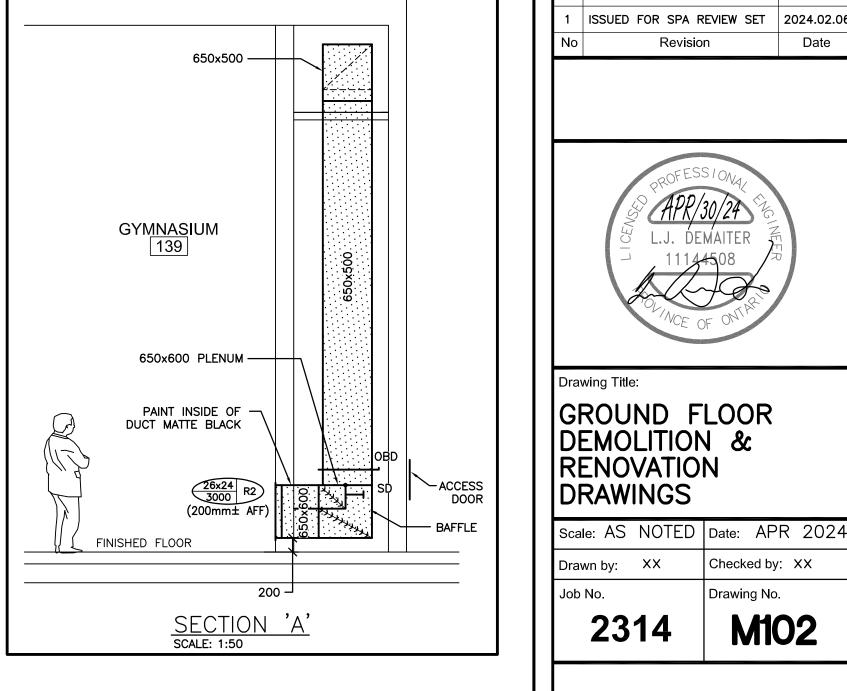
INSTALL NEW SYSTEM OR SERVICES WHERE REQUIRED TO MAINTAIN SYSTEM

EXISTING MECHANICAL ITEMS SHOWN BUT NOT NOTED AS BEING REMOVED OR

- REMOVE EXISTING EXHAUST GRILLE C/W BRANCH DUCT AND CAP AT MAIN.
- REMOVE EXISTING PLUMBING FIXTURE COMPLETE WITH ASSOCIATED WATER, DRAIN AND VENT PIPING. CAP EXISTING PIPING AT MAIN.
- REMOVE EXISTING ABANDONED WATER AND DRAIN PIPING FROM PREVIOUS PLUMBING FIXTURE REMOVED. CAP PIPING WITH-IN TUNNEL.
- REMOVE EXISTING STORM PIPING AND CAP AT MAIN UNDERGROUND. REMOVE EXISTING ABANDONED HEATING PIPING FROM PREVIOUS HEATER REMOVED. CAP PIPING WITH—IN TUNNEL.
- APPROXIMATE LOCATION OF EXISTING PIPING TUNNEL. CONTRACTOR TO CONFIRM EXACT SIZE, ROUTE, LOCATION & INVERT ON SITE. CONTRACTOR TO COORDINATE LOCATION WITH GC AND ENSURE TUNNEL IS PROTECTED DURING
- APPROXIMATE LOCATION OF EXISTING STORM & SANITARY MAINS. CONTRACTOR TO CONFIRM EXACT SIZE, ROUTE, LOCATION & INVERT ON SITE (XRAY, SCAN AND CAMERA DRAIN AS REQUIRED). TYPICAL ALL STORM AND SANITARY MAINS









2050 Guelph Line, Burlington, ON. L7P 5A8

Glenview Public School Gym Addition

143 Townsend Ave., Burlington, ON. L7T 1Z1

Architects **Snyder Architects Inc.** 

100 Broadview Ave, Suite 301,

Toronto, ON M4M 3H3

t. 416.966.5444, w. snyderarchitects.ca

Consulting Engineers ∩ I-

MECHANICAL | ELECTRICAL | AQUATIC

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. The drawings do not indicate all offsets fitting and accessories which may be required. Provide the same to meet the required conditions. Drawings and specifications, etc., prepared and issued by the consultant are the property of the consultant and must be returned at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant.

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True North

Date

2024.04.30

2024.04.19

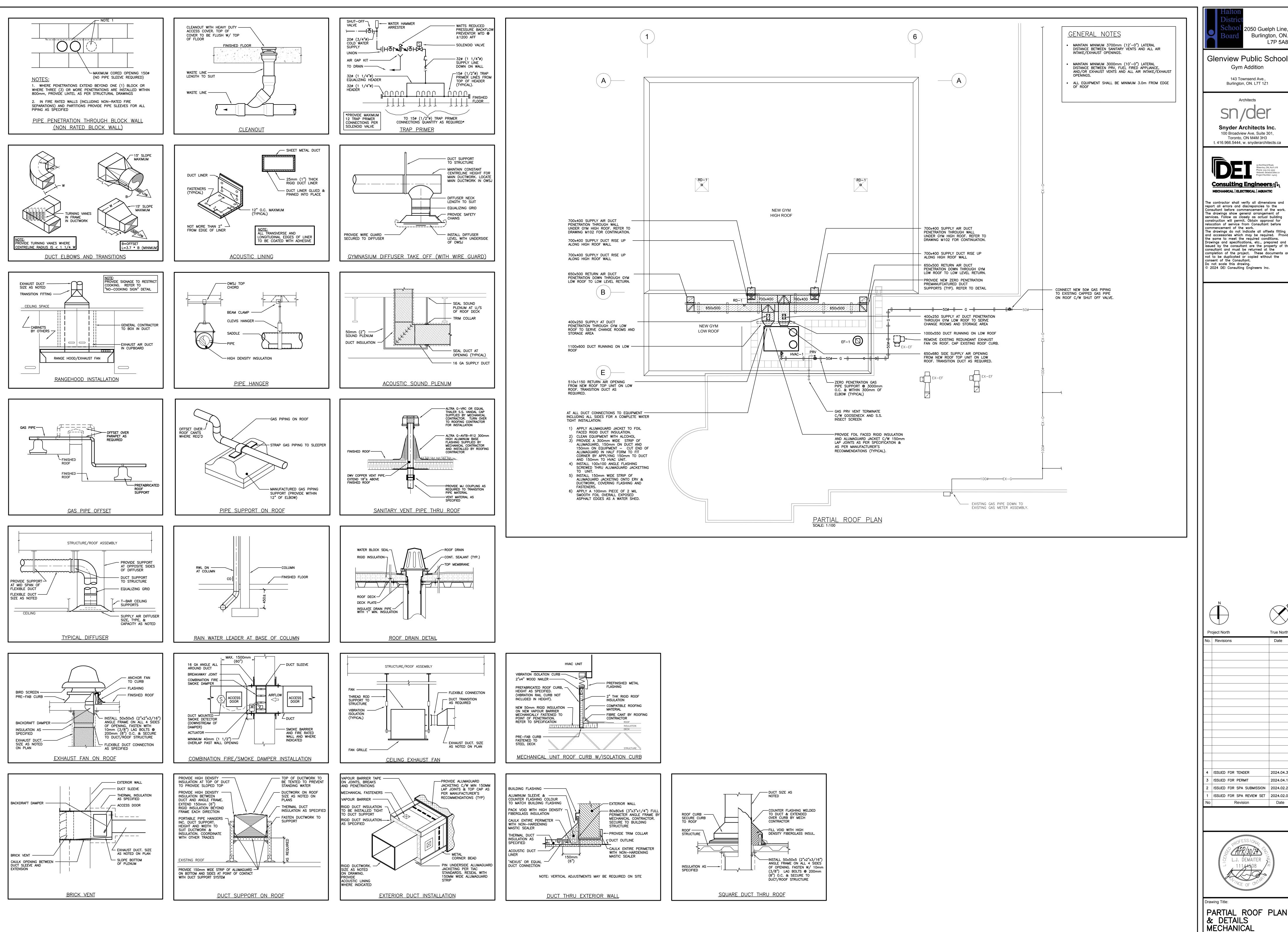
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ISSUED FOR SPA SUBMISSION | 2024.02.27 ISSUED FOR SPA REVIEW SET | 2024.02.06

Revision

L.J. DEMAITER

Checked by: XX



2050 Guelph Line,

Burlington, ON. L7P 5A8

Glenview Public School Gym Addition

Architects

**Snyder Architects Inc** 

100 Broadview Ave, Suite 301, Toronto, ON M4M 3H3 t. 416.966.5444, w. snyderarchitects.ca

143 Townsend Ave.,

Burlington, ON. L7T 1Z1



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True North

Date

2024.04.30

2024.04.19

ISSUED FOR TENDER

ISSUED FOR PERMIT

ISSUED FOR SPA SUBMISSION | 2024.02.27

ISSUED FOR SPA REVIEW SET | 2024.02.06

Revision

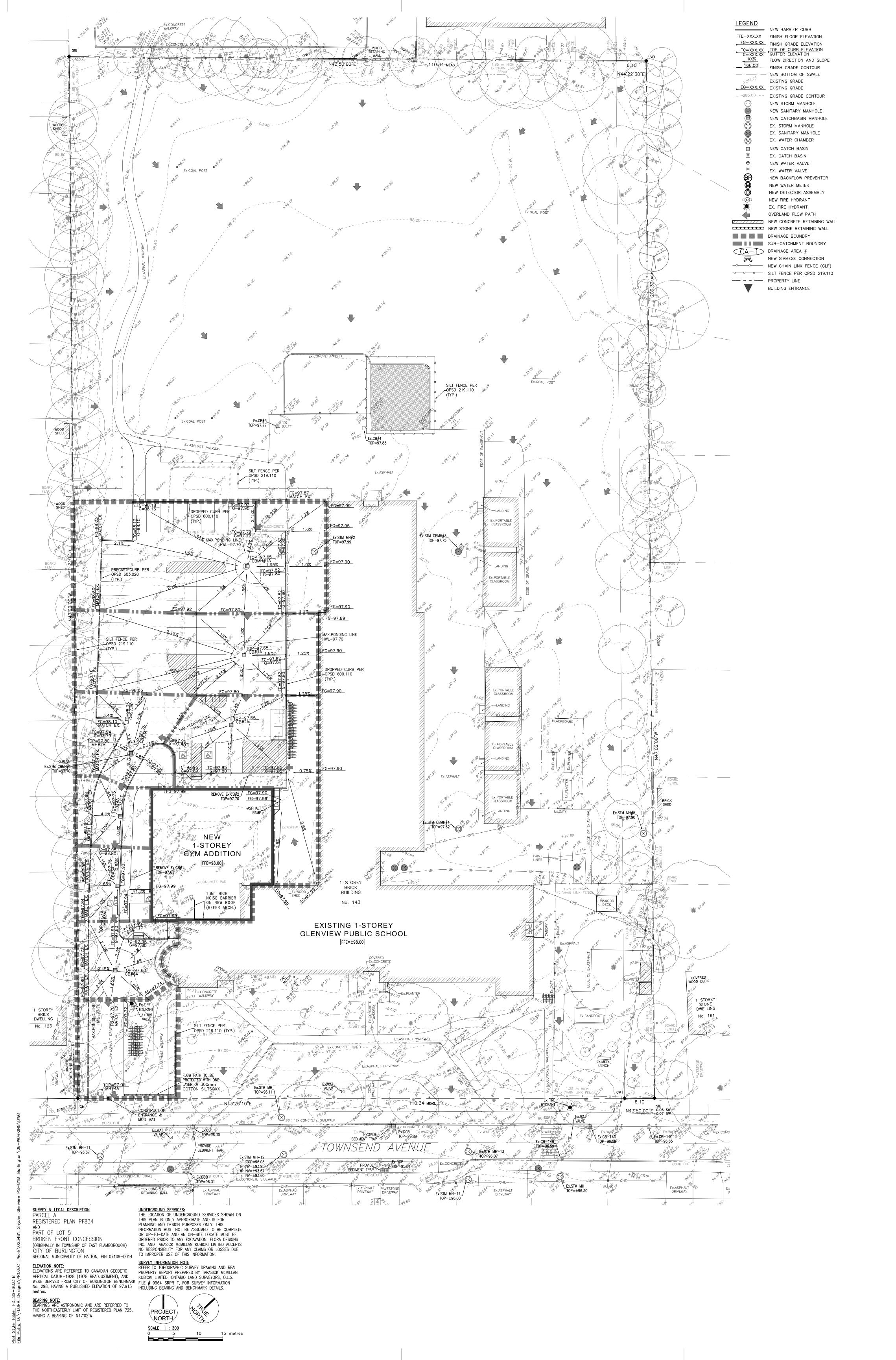
L.J. DEMAITER

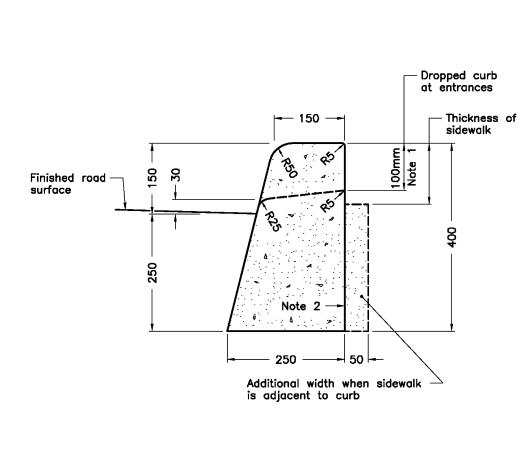
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Drawn by: DF

Checked by: MW

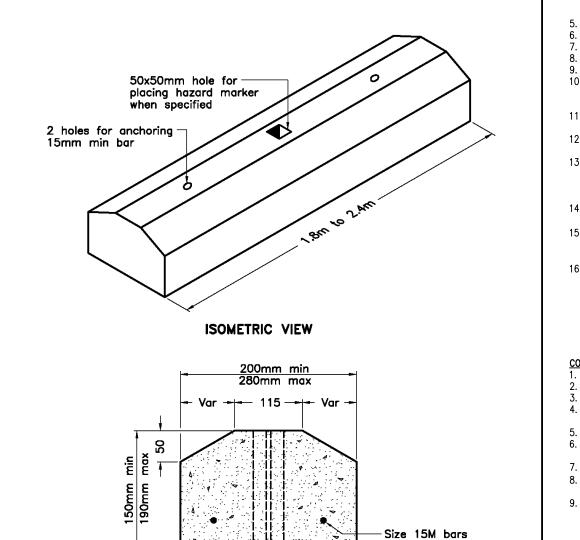
M103





1 When sidewalk is continuously adjacent, the dropped curb at entrances shall be reduced to 75mm. 2 For slipforming procedure a 5% batter is acceptable. A Treatment at entrances shall be according to OPSD 351.010. B Outlet treatment shall be according to the OPSD 610 Series. C The transition from one curb type to another shall be a minimum length of 3.0m, except in conjunction with guide rail

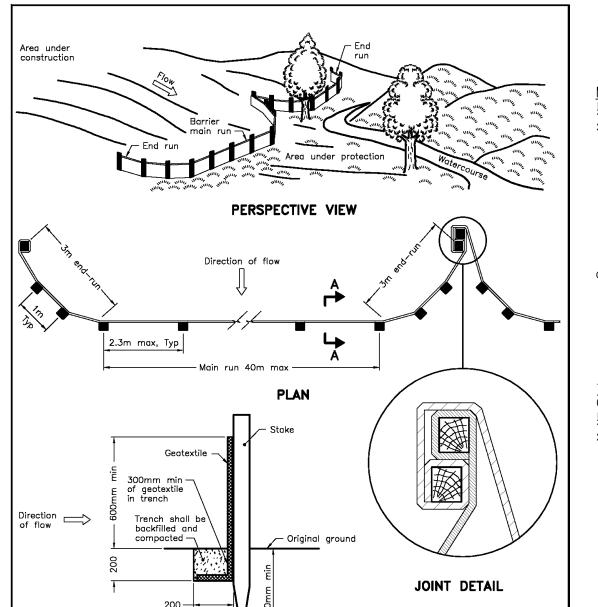
where it shall be according to the OPSD 900 Series.  All dimensions are in millimetres unless otherwise shown.	
ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2012 Rev 2
CONCRETE BARRIER CURB	
	OPSD 600.110



A Class of concrete shall be C2 according to CSA A23.1. B All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING Nov 2012 Rev 2 PRECAST CONCRETE CURB OPSD 603.020

SECTION



SECTION A-A A All dimensions are in millimetres unless otherwise shown. ONTARIO PROVINCIAL STANDARD DRAWING Nov 2015 Rev 2 LIGHT-DUTY SILT FENCE BARRIER

GENERAL NOTES

1. PRIOR TO STARTING ANY WORKS, THE CONTRACTOR MUST ENSURE THAT ALL NECESSARY APPROVALS ARE IN PLACE FROM THE CITY OF BURLINGTON, REGION OF HALTON, CONSERVATION HALTON AND ALL OTHER EXTERNAL AGENCIES, AS REQUIRED. ALL THE CONSTRUCTION WORKS FOR THIS PROJECT SHALL CONFORM TO THE LATEST STANDARDS AND SPECIFICATIONS OF THE CITY OF BURLINGTON, THE REGION OF HALTON, M.O.E., AND OPSD/OPSS. ONTARIO PROVINCIAL STANDARDS MAY BE USED WHERE NO OTHER STANDARD OR SPECIFICATION IS PROVIDED BY THE LOCAL CONCERNED AUTHORITIES. 3. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CURRENT "OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS". THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.

4. ALL TEMPORARY TRAFFIC CONTROL AND SIGNS DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT ONTARIO TRAFFIC MANUAL BOOK 7: TEMPORARY CONDITIONS FIELD EDITION. PRIOR TO COMMENCING ANY WORK WITHIN THE MUNICIPAL RIGHT OF WAY, THE OWNER SHALL OBTAIN AN ENTRANCE PERMIT (FROM CAPITAL WORKS) AND A PERMIT FOR CONSTRUCTION ON PUBLIC PROPERTY (FROM CAPITAL WORKS).

3. ANY AREAS WITHIN R.O.W. WHICH REQUIRE FILL IN EXCESS OF 0.30M ARE SUBJECT TO COMPACTION TESTS AND SUCH TESTS MUST SHOW A MIN. COMPACTION OF 95% S.P.D. AT ALL . A UTILITY CLEARANCE RADIUS OF 1.2 METERS BETWEEN THE PROPOSED DRIVEWAY ENTRANCE CURB RETURN AND ALL ABOVE AND UNDER GROUND UTILITIES MUST BE MAINTAINED.

8. ALL SERVICE CONNECTION TRENCHES WITHIN THE TRAVELLED PORTION OF THE ROAD ALLOWANCE SHALL BE BACKFILLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE PERMIT FOR OF CAPITAL WORKS.

CONSTRUCTION ON PUBLIC PROPERTY AND TO THE SATISFACTION OF THE EXECUTIVE DIRECTOR 9. ALL RESTORATIONS AND RELOCATION SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY
OF BURLINGTON AND THE REGION OF HALTON. ALL AREAS WITHIN PUBLIC RIGHT-OF-WAYS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER. GRASSED AREAS SHALL BE PROVIDED WITH 200MM OF TOPSOIL AND SODDED TO THE SATISFACTION OF THE EXECUTIVE DIRECTOR OF CAPITAL WORKS. 10. THE LOCATION OF ALL ABOVE / UNDER GROUND UTILITIES / SERVICES SHOWN ON THIS PLAN IS APPROXIMATE AND IS FOR PLANNING AND DESIGN PURPOSES ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY CONSULTING CONCERNED UTILITY COMPANIES. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION FROM DAMAGE DURING CONSTRUCTION. 11. ALL DIMENSIONS, ELEVATIONS, SURVEY POINTS AND OTHER INFORMATION SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION. ANY DISCREPANCIES FOUND MUST BE REPORTED IMMEDIATELY TO THE ENGINEER PRIOR TO CONSTRUCTION AND MUST BE COORDINATED WITH THE CONCERNED AUTHORITY OF THE NECESSARY CHANGES. 12. THE REMOVAL OF TREES REQUIRES THE APPROVAL OF PARKS, FORESTRY AND RECREATION DIVISION SUPERVISOR OF THE CITY/TOWN/REGION.

13. ANY DAMAGE TO PROPERTY ADJACENT TO THE CONSTRUCTION SITE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. 14. CONTRACTOR SHALL VERIFY AND MATCH EXISTING PAVEMENT STRUCTURE IN DEPTH AND MATERIAL ANY DISCREPANCIES BETWEEN EXISTING AND LATEST STANDARD PAVEMENT STRUCTURE SHALL BE REPORTED TO THE ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHOULD TAKE APPROPRIATE ACTION TO THE SATISFACTION OF THE CONCERNED AUTHORITY.

15. MANHOLE AND VALVE CHAMBER COVERS ARE TO BE SET FLUSH WITH BASE COURSE ASPHALT AND ADJUSTED TO FINAL GRADE PRIOR TO INSTALLING TOP LIFT OF ASPHALT. 16. BLASTING IS NOT PERMITTED.
17. INSULATE SEWERS AS PER OPSD 1109.030 AND WATERMAIN AS PER REGION OF HALTON STANDARD RH 408.010 WHEREVER OBVERT OF SEWER IS LESS THAN 1200mm FROM FINISH GRADE AND WHEREVER OBVERT OF WATERMAIN IS LESS THAN 1700mm FROM FINISH GRADE, REGARDLESS IT IS MARKED ON PLAN VIEW OR NOT. INSULATION THICKNESS INCLUDING BEDDING AND BACKFILLING MATERIAL SHALL BE PER RECOMMENDATIONS PROVIDED BY PROJECT

GEOTECHNICAL ENGINEER.

EROSION AND SEDIMENT CONTROL

1. ALL CONTROL MEASURES MUST CORRESPOND TO THE LATEST EROSION AND SEDIMENT CONTROL STANDARDS PROVIDED BY THE CITY OF BURLINGTON AND THE REGION OF HALTON. STANDARDS PROVIDED IN THE "EROSION & SEDIMENT CONTROL GUIDELINES FOR URBAN CONSTRUCTION"

DECEMBER 2006 SHALL GOVERN WHERE NO OTHER STANDARD OR SPECIFICATION IS PROVIDED BY SILT CONTROLS ARE TO BE IN PLACE PRIOR TO THE START OF SITE WORKS, AND BE MAINTAINED FOR THE DURATION OF CONSTRUCTION SEDIMENT BARRIERS, CHECK DAMS, AND TEMPORARY CONSTRUCTION ACCESS TO BE INSTALLED PRIOR TO THE BEGINNING OF CONSTRUCTION.

4. ALL SEDIMENT CONTROL DEVICES TO BE ROUTINELY INSPECTED AND MAINTAINED IN PROPER WORKING ORDER UNTIL AREA ARE STABILIZED. CONTRACTOR SHALL SUBMIT EROSION AND SEDIMENT CONTROL (ESC) REPORT TO THE CITY AND CONSERVATION AUTHORITY AFTER EVERY RAINFALL EVENT.

5. IF NECESSARY, TRUCKS WILL BE WASHED DOWN BEFORE LEAVING THE SITE.

6. THE SITE WILL BE WET DOWN IF NECESSARY TO CONTROL DUST.

7. ALL CONSTRUCTION EQUIPMENT MUST BE PARKED ON—SITE.

8. ALL CONSTRUCTION ACTIVITY SHALL COMPLY WITH THE CITY OF BURLINGTON NOISE BYLAW.

SEDIMENT CONTROL FENCE TO BE AS PER OPSD 219.110. D. STONE PAD CONSTRUCTION ENTRANCE TO BE AS PER TYPICAL MUD MAT DETAIL PROVIDED ON THIS SET OF DRAWING. CONTRACTOR SHALL DETERMINE LOCATION OF CONSTRUCTION ENTRANCE IN CONSULTATION WITH THE CITY INSPECTOR.

11. ALL CONSTRUCTION VEHICLES TO ENTER AND EXIT SITE FROM TEMPORARY CONSTRUCTION 12. ALL TOPSOIL STOCKPILES TO BE SURROUNDED WITH SEDIMENT CONTROL FENCING. CONTRACTOR SHALL DETERMINE LOCATION OF STOCKPILES IN CONSULTATION WITH THE CITY INSPECTOR.

3. FILTER FABRIC TO BE PLACED UNDER GRATES ON ALL CATCHBASINS TO TRAP SEDIMENT. SILT TRAPS ARE TO BE CLEANED REGULARLY AND ARE NOT TO BE REMOVED UNTIL SUCH TIME AS THE CURBS ARE CONSTRUCTED AND THE BOULEVARDS ARE SODDED OR BACKYARDS GRADED AND SODDED. FILTER FABRIC FOR SILT CONTROL TO BE TERRA FIX 270R OR APPROVED EQUIVALENT.

14. FILTER CLOTH MUST BE PLACED ON THE CATCHBASINS ON PUBLIC STREET ACROSS THE PROPERTY'S FRONTAGE. 15. STREET SWEEPING, CATCH BASIN CLEANING AND DUST CONTROL ARE THE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE KEPT UNDER CONTROL ON ALL ROADWAYS TO THE SATISFACTION OF THE CITY/TOWN/REGION.

16. CONTRACTOR IS RESPONSIBLE TO PROVIDE TEMPORARY DITCHES AND OVERLAND FLOW PATHS DURING AND AFTER CONSTRUCTION ALONG ALL PROPERTY LINES (LIMITS OF CONSTRUCTION) WITH POSITIVE SLOPE TOWARDS THE SAFE OUTLET LOCATION. CONTRACTOR IS SOLELY RESPONSIBLE FOR MAINTAINING THIS DITCHES IN PROPER WORKING CONDITION AT ALL TIMES DURING CONSTRUCTION TO RESTRICT RUNOFF FROM ENTERING INTO THE ADJOINING PROPERTIES/OUTSIDE CONSTRUCTION LIMITS AND ALL REPAIRS AND CONSEQUENCES RESULTING FROM DAMAGÉ TO THE

CONSTRUCTION SEQUENCE

1. INSTALLATION OF THE SILT FENCES PRIOR TO ANY OTHER ACTIVITIES ON THE SITE.

2. CONSTRUCTION OF TEMPORARY MUD MATS AT ALL CONSTRUCTION ACCESS.

3. PRE-GRADING OF SITE AREA. CONSTRUCTION OF TEMPORARY SWALES, SEEDING AND INSTALLATION OF OTHER ESC MEASURES AS REQUIRED.

5. INSTALLATION OF SITE SERVICING AND UNDERGROUND UTILITIES.

6. CONTROLLO OF SUILDING FOUNDATIONS AND DISPOSAL OF ALL THE SURPLUS EXCAVATED CONSTRUCTION OF BUILDING, PARKING LOT AND DRIVEWAYS.
 RESTORATION / RE-VEGETATION OF DISTURBED AREAS EITHER WITH TEMPORARY MEASURES SUCH AS MULCH OR SEEDING OR WITH FINAL LANDSCAPE AND PAVING.
 REMOVAL OF THE SEDIMENT CONTROLS FOLLOWING STABILIZATION OF DISTURBED AREAS.



2050 Guelph Line, Burlington, ON.

Glenview Public School Gym Addition 143 Townsend Ave.,

Burlington, ON. L7T 1Z1 Architects

**Snyder Architects Inc.** 100 Broadview Ave, Suite 301, Toronto, ON M4M 3H3 t. 416.966.5444, w. snyderarchitects.ca

Mechanical and Electrical Consultants DEI & Associates Incorporated 55 Northland Rd. Waterloo, Ontario, N2V 1Y8

Tel: 519-725-3555 Structural Consultant Kalos Engineering Inc. 300 York Boulevard

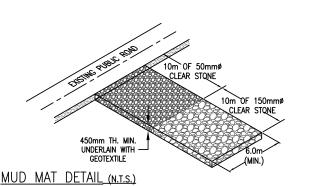
Hamilton, ON L8R 3K6 Tel: 905-333-9119 Civil Consultant Flora Designs Inc.

Mississauga, ON L4W 3X1 Tel: 647-496-8055

1109 Britannia Rad East,

Landscape Consultant

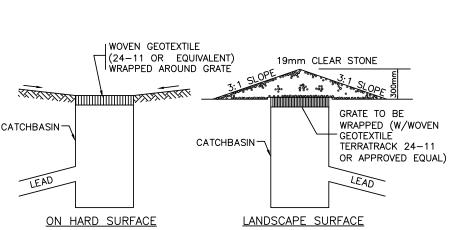




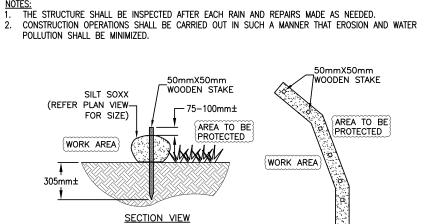
MUD MAT TO BE INSTALLED AT THE TEMPORARY CONSTRUCTION ACCESS LOCATION.

EXACT LOCATION OF TEMPORARY CONSTRUCTION ACCESS WILL BE FINALIZED ON SITE AFTER

APPOINTMENT OF CONTRACTOR AND PER INSTRUCTION OF THE CITY INSPECTOR.



TYPICAL CATCHBASIN SEDIMENT TRAP



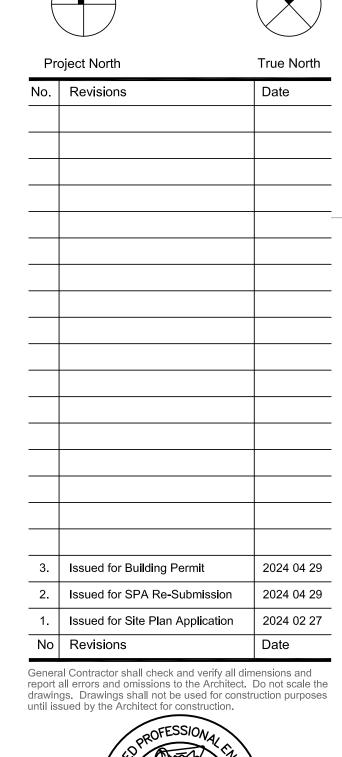
SILTSOXX TYPICAL DETAIL (NTS)
(BY TERRAFIX GEOSYNTHETICS INC.) NOTE:

1. SILTSOXX DEPICTED IS FOR MINIMUM SLOPES. REFER TO NUMBER OF LAYERS AND SIZE SPECIFIED ON PLAN VIEW. ON PLAN VIEW.

COMPOST MATERIAL TO BE DISPOSES OFF SITE BY THE CONTRACTOR.

WOODEN STAKES ARE SPACED AT 2.0m FOR 200mm SILTSOXX, 1.20m FOR 300mm SILTSOXX, AND
0.60m FOR 450mm SILTSOXX.

DURATION AND SHALL BE 300mm OR 400mm MULTI-FILAMENT POLYPROPYLENE DURASOXX FOR 2-5 YEAR PROJECT DURATION. REFER PLAN VIEW FOR MATERIAL TYPE AND SIZE.

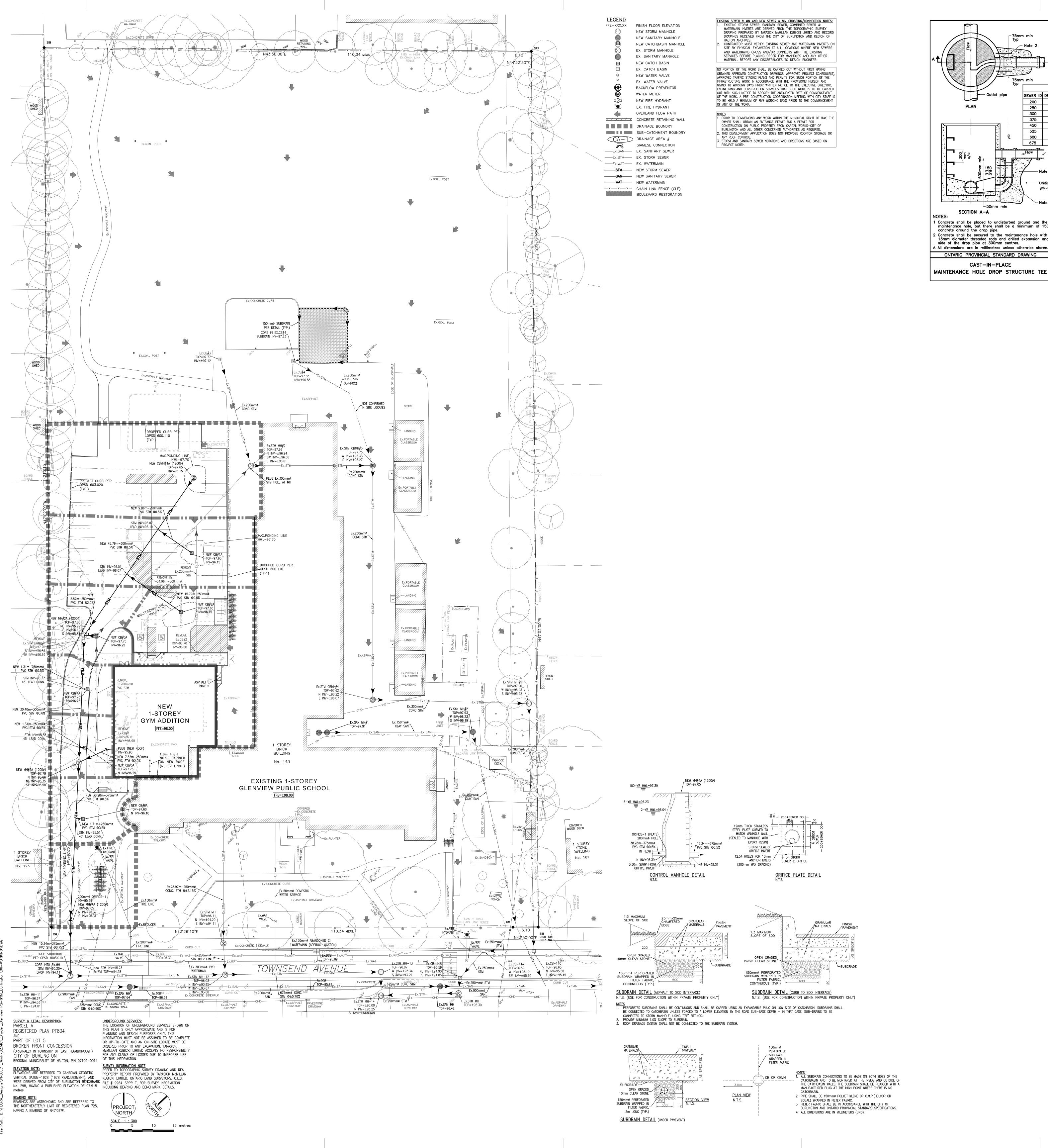


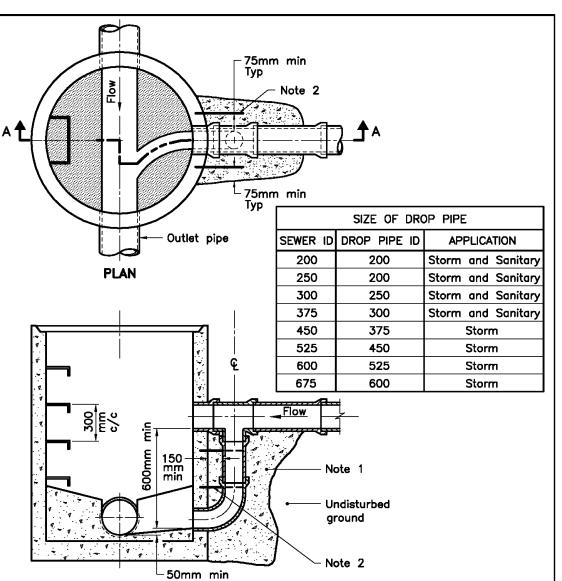
Drawing Title:

SITE GRADING PLAN

(CITY FILE: MM-04/24)				
Scale: As Noted	Date: As Noted			
Drawn by: AT	Checked by: CP			
Job No.	Drawing No.			
2314	SG-1			

Plot Date: Apr 28, 2024 FD Job # 23479 This drawing is sized for 36"x48" sheet size.





SECTION A-A 1 Concrete shall be placed to undisturbed ground and the outside face of the maintenance hole, but there shall be a minimum of 150mm of 15MPa concrete around the drop pipe. 2 Concrete shall be secured to the maintenance hole with 450mm long, 13mm diameter threaded rods and drilled expansion anchors down either side of the drop pipe at 300mm centres.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2016	Rev 3 STA	
CAST-IN-PLACE MAINTENANCE HOLE DROP STRUCTURE TEE			
	OPSD '	1003.010	<u> </u>

<u>GENERAL NOTES</u>

1. PRIOR TO STARTING ANY WORKS, THE CONTRACTOR MUST ENSURE THAT ALL

STORM SEWER NOTES

CITY OF BURLINGTON AND REGION OF HALTON STANDARD DRAWINGS AND O.P.S.D. NECESSARY APPROVALS ARE IN PLACE FROM THE CITY OF BURLINGTON, REGION OF HALTON, CONSERVATION HALTON AND ALL OTHER EXTERNAL . ALL THE CONSTRUCTION WORKS FOR THIS PROJECT SHALL CONFORM TO THE WORKS; REGION OF HALTON, M.O.E., AND OPSD/OPSS. ONTARIO PROVINCIAL STANDARDS MAY BE USED WHERE NO OTHER STANDARD OR SPECIFICATION IS PROVIDED BY THE LOCAL CONCERNED AUTHORITIES. . ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CURRENT "OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS". THE GENERAL CONTRACTOR SHALL BE DEEMED TO TO CSA-A257.2 REINFORCED CLASSES AS SPECIFIED (50-D, 65-D, 100-D, BE THE CONSTRUCTOR AS DEFINED IN THE ACT. . ALL TEMPORARY TRAFFIC CONTROL AND SIGNS DURING CONSTRUCTION SHALL

BE IN ACCORDANCE WITH CURRENT ONTARIO TRAFFIC MANUAL BOOK 7: TEMPORARY CONDITIONS FIELD EDITION. PRIOR TO COMMENCING ANY WORK WITHIN THE MUNICIPAL RIGHT OF WAY, THE OWNER SHALL OBTAIN AN ENTRANCE PERMIT (FROM CAPITAL WORKS) AND A 4. WHERE WATER BEARING SAND OR SILT OCCURS, THE SEWER JOINTS SHALL BE PERMIT FOR CONSTRUCTION ON PUBLIC PROPERTY (FROM CAPITAL WORKS). . ANY AREAS WITHIN R.O.W. WHICH REQUIRE FILL IN EXCESS OF 0.30M ARE SUBJECT TO COMPACTION TESTS AND SUCH TESTS MUST SHOW A MIN. COMPACTION OF 95% S.P.D. AT ALL DEPTHS. A UTILITY CLEARANCE RADIUS OF 1.2 METERS BETWEEN THE PROPOSED DRIVEWAY ENTRANCE CURB RETURN AND ALL ABOVE AND UNDER GROUND UTILITIES MUST BE MAINTAINED. . ALL SERVICE CONNECTION TRENCHES WITHIN THE TRAVELLED PORTION OF THE ROAD ALLOWANCE SHALL BE BACKFILLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE PERMIT FOR CONSTRUCTION ON PUBLIC PROPERTY AND 6 TO THE SATISFACTION OF THE EXECUTIVE DIRECTOR OF CAPITAL WORKS. ALL RESTORATIONS AND RELOCATION SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY OF BURLINGTON AND THE REGION OF HALTON. ALL AREAS WITHIN PUBLIC RIGHT-OF-WAYS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER. GRASSED AREAS SHALL BE PROVIDED WITH 200MM OF TOPSOIL AND SODDED TO THE 10. THE LOCATION OF ALL ABOVE / UNDER GROUND UTILITIES / SERVICES SHOWN

8. ALL MANHOLE AND CATCHBASIN EXCAVATIONS SHALL BE BACKFILLED WITH SATISFACTION OF THE EXECUTIVE DIRECTOR OF CAPITAL WORKS. ON THIS PLAN IS APPROXIMATE AND IS FOR PLANNING AND DESIGN PURPOSES Y. THE EXACT LOCATION SHALL BE DETERMINED BY CONSULTING CONCERNED UTILITY COMPANIES. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION FROM DAMAGE DURING CONSTRUCTION.

1. ALL DIMENSIONS, ELEVATIONS, SURVEY POINTS AND OTHER INFORMATION SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION. ANY DISCREPANCIES FOUND MUST BE REPORTED IMMEDIATELY TO THE ENGINEER PRIOR TO CONSTRUCTION AND MUST BE COORDINATED WITH THE CONCERNED AUTHORITY OF THE NECESSARY CHANGES. 2. THE REMOVAL OF TREES REQUIRES THE APPROVAL OF PARKS, FORESTRY AND RECREATION DIVISION SUPERVISOR OF THE CITY/TOWN/REGION. 3. ANY DAMAGE TO PROPERTY ADJACENT TO THE CONSTRUCTION SITE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. 14. CONTRACTOR SHALL VERIFY AND MATCH EXISTING PAVEMENT STRUCTURE IN 12. MANHOLE STEPS SHALL BE AS PER OPSD 405.010. CONTRACTOR SHALL

DEPTH AND MATERIAL. ANY DISCREPANCIES BETWEEN EXISTING AND LATEST STANDARD PAVEMENT STRUCTURE SHALL BE REPORTED TO THE ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHOULD TAKE APPROPRIATE 13 ACTION TO THE SATISFACTION OF THE CONCERNED ALITHORITY 15. MANHOLE AND VALVE CHAMBER COVERS ARE TO BE SET FLUSH WITH BASE COURSE ASPHALT AND ADJUSTED TO FINAL GRADE PRIOR TO INSTALLING TOP 16. BLASTING IS NOT PERMITTED. . INSULATE SEWERS AS PER OPSD 1109.030 AND WATERMAIN AS PER REGION 15. ONTARIO CONCRETE PIPE ASSOCIATION (OCPA) PRE-BENCHED MANHOLE BASES OF HALTON STANDARD RH 408.010 WHEREVER OBVERT OF SEWER IS LESS

THAN 1200mm FROM FINISH GRADE AND WHEREVER OBVERT OF WATERMAIN IS 16. ALL PVC SEWER PIPES SHALL PASS A MANDREL TEST (RING TEST) TO LESS THAN 1700mm FROM FINISH GRADE, REGARDLESS IT IS MARKED ON PLAN VIEW OR NOT. INSULATION THICKNESS INCLUDING BEDDING AND BACKFILLING MATERIAL SHALL BE PER RECOMMENDATIONS PROVIDED BY PROJECT GEOTECHNICAL ENGINEER.

DRAWING NOTES

1. REFER TO MECHANICAL DRAWINGS FOR CLEAN OUT DETAILS FOR ROOF DRAIN CONNECTION WITH THE EXTERIOR STORM SEWER NETWORK. 2. FOUNDATION WALLS ARE PROPOSED TO EXTEND 200mm ABOVE FINISH FLOOR ELEVATION. THEREFORE, ARCHITECTURAL DRAWINGS DOES NOT PROPOSE TO CONSTRUCT WEEPING TILES. HOWEVER, IF REQUIRED TO CONSTRUCT BUILDING WEEPING TILES, PLEASE REFER TO MECHANICAL DRAWINGS FOR BUILDING WEEPING TILE CONNECTION WITH EXTERIOR STORM SEWER NETWORK. 3. REFER TO SITE PLAN AND/OR DEMOLITION PLAN FOR ALTERATION TO THE 4. THE CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE FOR LOCATES, EXPOSING, EXISTING BUILDINGS, CURBS, SIDE WALKS, FIRE ROUTES, DRIVEWAYS, PARKING, 4. REFER TO SITE PLAN FOR TYPICAL DETAILS FOR CURBS, SIDEWALKS, DRIVEWAY, PARKING STALLS ETC AND ALL OTHER SITE FURNITURE DETAILS. 5. REFER TO SITE PLAN AND/OR GEO-TECHNICAL REPORT FOR ASPHALT AND ALL 5. THE CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE TO GIVE 72 HOURS

> ROAD FURNITURE AND OTHER ELEMENTS SHOWN ON THIS SET OF DRAWINGS OUTSIDE THE PRIVATE PROPERTY LINE UNLESS NOTED, REFER TO RELEVANT DRAWINGS FOR ADJOINING AREA DEVELOPMENT OUTSIDE THE PRIVATE PROPERTY 8. CONTRACTOR IS RESPONSIBLE TO FLUSH THE EXISTING AND PROPOSED STORM AND SANITARY SYSTEM AT THE COMPLETION OF CONSTRUCTION TO THE SATISFACTION OF GOVERNING AUTHORITY PRIOR TO FINAL CERTIFICATION 9. CONTRACTOR IS RESPONSIBLE FOR AS-BUILT SITE SURVEY SHOWING AL TOPOGRAPHIC AND INVERT ELEVATIONS AND TO PREPARE AS-BUILT SITE GRADING AND SITE SERVICING DRAWINGS AFTER COMPLETION OF WORK. DRAWINGS SHALL BE SUBMITTED TO THE DESIGN ENGINEER FOR REVIEW AND APPROVAL BEFORE FILING IT WITH THE AS-BUILT PROJECT RECORDS. O. CONTRACTOR IS RESPONSIBLE TO ENGAGE A QUALIFIED VIDEO PRODUCTION COMPANY SPECIALIZING IN PIPE INSPECTION TO INSPECT EXISTING AND PROPOSED SEWER PIPES PRIOR TO BACKFILLING AND AGAIN AFTER COMPLETION OF BASE COAT ASPHALT AND SUBMIT VIDEO RECORDS TO THE OWNER AND ENGINEER PRIOR TO FINAL CERTIFICATION. 11. CONTRACTOR IS RESPONSIBLE FOR FLUSHING, DISINFECTING AND TESTING OF DOMESTIC WATER AND FIRE MAINS AS OUTLINED IN O.B.C. AND NFPA 13 LATEST EDITION. SHALL BE IN COMPLIANCE WITH THE LOCAL GOVERNING 12. CONTRACTOR IS RESPONSIBLE TO MAKE COMPLETE ARRANGEMENTS WITH THE GOVERNING AUTHORITIES FOR INSPECTIONS, AND PAY ALL FEES AND CHARGES TO INSTALL THE STORM SEWER, SANITARY SEWER AND WATER MAINS INCLUDING SERVICE CONNECTIONS AS SHOWN ON THIS SET OF DRAWINGS. 13. CONTRACTOR IS RESPONSIBLE FOR ALL KIND OF SHORING/WIDE TRENCH EXCAVATION AND/OR ANY OTHER MEANS OF CONSTRUCTION PROCEDURE/TEMPORARY WORKS AS REQUIRED FOR THE CONSTRUCTION OF DEEP SEWERS/WATERMAIN/STRUCTURES AS SHOWN ON THIS SET OF DRAWINGS ALL THE COST ASSOCIATED WITH THIS TEMPORARY WORKS AND RESTORATION OF THE DISTURBED AREA TO ORIGINAL AND/OR BETTER CONDITION PER THE GOVERNING AUTHORITY STANDARDS MUST BE INCLUDED IN THE CONTRACT 14. CONTRACTOR IS RESPONSIBLE TO COLLECT INSPECTION AND TEST REPORTS

OTHER PAVEMENT STRUCTURE RECOMMENDATIONS.

6. REFER TO LANDSCAPE DRAWINGS FOR TOPSOIL THICKNESS IN GRASS/SOD

FOR INSTALLATION OF SEWERS/WATERMAINS/STRUCTURES INCLUDING

COMPACTION AND MATERIAL TEST REPORTS FOR BEDDING AND BACKFILLING

FROM FIELD REVIEW CONSULTANT. CONTRACTOR MUST PROVIDE THIS REPORTS TOGETHER WITH PHOTOGRAPHIC EVIDENCE OF EACH STAGE OF CONSTRUCTION TO THE DESIGN ENGINEER PRIOR TO PLACEMENT OF FINISH COAT ASPHALT.

7. THIS DEVELOPMENT APPLICATION DO NOT PROPOSE ANY ALTERATION TO THE

AREAS AND OTHER LANDSCAPE ISLANDS ON PRIVATE PROPERTY.

WITH CITY'S AMENDMENTS FOR STORM SEWERS SHALL CONSTITUTE PART OF THE ENGINEERING DESIGN AND CONSTRUCTION CONTRACT. UNLESS OTHERWISE NOTED ON IE DRAWINGS, THE FOLLOWING MINIMUM REQUIREMENTS SHALL APPLY TO THE LATEST STANDARDS AND SPECIFICATIONS OF THE CITY OF BURLINGTON, THE

1. ALL POLYVINYL CHLORIDE (PVC) SEWER PIPES AND FITTLINGS SHALL CONFORM TO CSA-B182.1 OR CSA-B182.2. ALL PIPES AND FITTINGS SHALL MEET

CONFORM TO CSA-A257.1 CLASS 3 OR LATEST AMENDMENT UNLESS

THE MINIMUM PIPE SIZE FOR STORM SEWERS SHALL BE 300mm DIAMETER

LEAK-PROOF, OR WRAPPED WITH A WATER PROOF MEMBRANE TO PREVENT

5. STORM SEWER BEDDING SHALL BE AS PER OPSD-802.010 FOR FLEXIBLE

PIPES AND OPSD-802.030 CLASS 'B' FOR RIGID CIRCULAR PIPES AND

STORM SEWER BEDDING IN WATER BEARING SAND AND SILT (WET TRENCH

CONDITION) SHALL CONSIST OF 20MM CRUSHER-RUN LIMESTONE. THE

ALL SERVICES AND STRUCTURES LOCATED IN TRENCH CUT SHALL BE

TIME OF TRENCH EXCAVATION BY A GEOTECHNICAL ENGINEER.

SUBGRADE MIGRATION THROUGH LEAKY JOINTS RESULTING FROM INADVERTENT

OPSD-802.050 CLASS 'B' FOR RIGID ELLIPTICAL PIPES OR AS SPECIFIED AND

CONSTRUCTED AS PER OPSD 514. CITY OF BURLINGTON AMENDMENTS FOR

NECESSITY FOR IMPLEMENTING THESE MEASURES CAN BE ASSESSED AT THE

SUPPORTED BY COMPACTED GRANULAR TO UNDISTURBED OR STRUCTURALLY

DROP PIPE SHALL BE ONE SIZE LESS THAN SEWER TO A MAX. OF 450MM

DIAMETER AND SHALL BE CONNECTED TO MAINLINE SEWER WITH TEE OR WYE.

BACKFILLING ON THE PIPE TO THE PROPOSED ROAD ELEVATION AND PRIOR TO

KEEP ALL EXISTING STORM SEWER INFRASTRUCTURE MARKED AS REMOVE UNTIL

THE CONSTRUCTION OF STORM SEWER ALTERATIONS AS PROPOSED IN THIS

DRAWING ARE COMPLETE. CONTRACTOR IS RESPONSIBLE TO PUMP WATER AS

SUPPORTING AND PROTECTING OF ALL UNDERGROUND AND OVERHEAD UTILITIES AND STRUCTURES EXISTING AT THE TIME OF CONSTRUCTION IN THE AREA OF

HIS WORK. WHETHER SHOWN ON THE PLANS OR NOT, AND FOR ALL REPAIRS

WRITTEN NOTICE TO UTILITIES PRIOR TO CROSSING SUCH UTILITIES. FOR THE

PURPOSE OF INSPECTION BY THE CONCERNED UTILITY. THIS INSPECTION WILL

BE FOR THE DURATION OF THE CONSTRUCTION, WITH THE CONTRACTOR

STORM AND SANITARY SEWER NOTATIONS AND DIRECTIONS ARE BASED ON

REQUIRES AS UNTIL STORM SEWER ALTERATION IS COMPLETE.

AND CONSEQUENCES RESULTING FROM DAMAGE TO THE SAME.

RESPONSIBLE FOR ALL COSTS ARISING FROM SUCH INSPECTION.

CONFIRM THE PROPER PIPE INSTALLATION AFTER THE COMPLETION OF

ADDITIONAL DRAWING NOTES

1. RETAIN ALL EXISTING CB, MANHOLES, STORM SEWER, SANITARY SEWER AND

FAULTY INSTALLATION. THE NECESSITY OF IMPLEMENTING THESE MEASURES CAN

OTHERWISE SPECIFIED.

COMPACTED GROUND.

AND CB LEADS SHALL BE 250mm DIAMETER.

REST BE DETERMINED DURING SEWER CONSTRUCTION

BEDDING AND COVER MATERIAL SHALL GOVERN.

COMPACTED TO 95% PROCTOR DENSITY.

SHALL CONFORM TO OPSD 705.030.

CAST-IN-PLACE MANHOLES.

COMBINATION OF 2", 4" & 6".

SHALL BE USED, WHERE POSSIBLE.

WATERMAINS UNLESS NOTED TO REMOVE.

ROAD CONSTRUCTION.

PROJECT NORTH.

District School 2050 Guelph Line, Burlington, ON. CURRENT M.O.E. AND CITY OF BURLINGTON SPECIFICATIONS. THE PVC PIPE SHALL HAVE A MAXIMUM STANDARD DIMENSION RATIO (SDR) OF 35 AND SHALL BE GREEN IN COLOUR. 2. ALL CONCRETE SEWER PIPES 300MM DIAMETER OR LARGER SHALL CONFORM OR 140-D) WHILE CONCRETE SEWERS 250MM DIAMETER OR SMALLER SHALL

Glenview Public School Gym Addition

143 Townsend Ave., Burlington, ON. L7T 1Z1

> Architects Snyder Architects Inc.

100 Broadview Ave, Suite 301, GRANUAL 'B' COMPACTED TO 95% PROCTOR DENSITY, ALL SEWER EXCAVATIONS Toronto, ON M4M 3H3 SHALL BE BACKFILLED WITH GRANULAR 'B' OR APPROVED NATIVE EQUIVALENT t. 416.966.5444, w. snyderarchitects.ca TO GRANULAR MATERIAL APPROVED BY THE GEOTECHNICAL ENGINEER AND ALL CATCHBASIN ON ROAD AND OTHER PAVED SURFACES SHALL CONFORM TO OPSD 705.010 (SINGLE) AND OPSD 705.020 (DOUBLE). REAR YARD Mechanical and Electrical Consultants CATCHBASIN SHALL CONFORM TO OPSD 705.010 AND DITCH INLET CATCHBASIN DEI & Associates Incorporated O. ALL CATCHBASIN AND CATCHBASIN MANHOLE GRATES SHALL CONFORM TO OPSD 55 Northland Rd. 400.010 ON ROAD AND OTHER PAVEMENT SURFACES, AND CITY OF BURLINGTON STD DWG S-176 WITHIN LANDSCAPE AREAS. Waterloo, Ontario, N2V 1Y8 ALL STORM MANHOLES SHALL CONFORM TO OPSD 701.010, 701.011, 701.012,

Tel: 519-725-3555 701.013, AND 701.014 WITH FRAME AND COVER AS PER OPSD 401.010 TYPE A CLOSED COVER STAMPED WITH "STORM". PROVIDE SHOP DRAWINGS FOR ALL MANHOLES OVER 3,600MM DIAMETER OR Structural Consultant 3. MANHOLE AND CATCHBASIN ADJUSTERS SHALL BE PER OPSD 704.010 TO A Kalos Engineering Inc. MAXIMUM DEPTH OF 0.30 m. MAXIMUM 3 ADJUSTER RINGS ALLOWED IN ANY 300 York Boulevard Hamilton, ON L8R 3K6 14. DROP STRUCTURES FOR NEW MANHOLES SHALL BE AS PER OPSD-1003.02

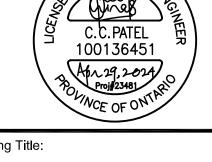
Tel: 905-333-9119 Civil Consultant Flora Designs Inc.

1109 Britannia Rad East, Mississauga, ON L4W 3X1 Tel: 647-496-8055

Landscape Consultant



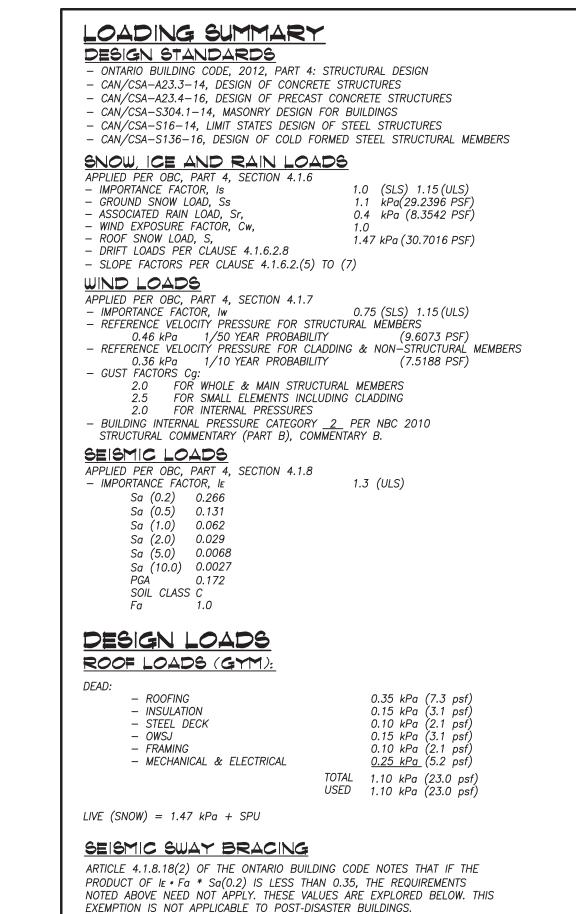
Project North No. Revisions Date Issued for Building Permit Issued for SPA Re-Submission 2024 04 29 Issued for Site Plan Application 2024 02 27 No Revisions General Contractor shall check and verify all dimensions and drawings. Drawings shall not be used for construction purposes until issued by the Architect for construction



Drawing Title: SITE SERVICING PLAN

(CITY FILE: MM-0	4/24)
Scale: As Noted	Date: As Noted
Drawn by: AT	Checked by: CP
Job No.	Drawing No.
2314	SS-1

Plot Date: Apr 28, 2024 FD Job # 23479 This drawing is sized for 36"x48" sheet size.



REQUIREMENTS FOR LOAD RESTRICTIONS OUTLINED IN FIRE RESISTANCE RATINGS -CAN/ULC-S101 CERTIFIED FOR CANADA AND THE ULJ957 HAVE BEEN ACCOUNTED FOR STRUCTURAL DESIGN

BASED ON THE ABOVE NOTED VALUES, THE PRODUCT OF IE \* Fa \* Sa(0.2)

= 1.3 \* 1.0 \* 0.266 = 0.34. GIVEN THIS IS LESSER THAN THE THRÈSHÓLD

OF 0.35, THE APPLICATION OF THE LATERAL FORCE (Vp) TO ALL ELEMENTS

AND COMPONENTS AND SWAY BRACING IS NOT REQUIRED.

PART, FOR USE AS SHOP DRAWINGS.

STRUCTURAL CONSULTANT TO REVIEW THE SHOP DRAWINGS.

#### GENERAL NOTES

CHECK ALL DIMENSIONS ON THESE DRAWINGS WITH ALL OTHER DRAWINGS, INCLUDING BUT NOT LIMITED TO DRAWINGS PREPARED ARCHITECTURAL, MECHANICAL OR ELECTRICAL CONSULTANTS. REPORT ANY INCONSISTENCIES TO THE ARCHITECT OR ENGINEER PRIOR TO COMMENCING WITH THE WORK. DO NOT SCALE THE DRAWINGS.

2. THE DESIGN LIVE LOADS ARE INDICATED ON THE DRAWINGS. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN LOADS. THE COMPLETED STRUCTURE IS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING, SHORING AND ANY OTHER TEMPORARY OR PERMANENT MEASURES AS REQUIRED DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY SUPPORT OF EXISTING OR ADJACENT STRUCTURES AS REQUIRED. ALL BRACING AND SHORING IS THE

4. CONSTRUCTION FEATURES NOT FULLY SHOWN ARE COMPARABLE TO SIMILAR CONDITION DETAILS. REFER TO OTHER CONSULTANTS DRAWINGS FOR DETAILS OF OPENINGS. PITS. CHAMFERS, DEPRESSIONS NOT INDICATED ON THE STRUCTURAL DRAWINGS.

6. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE LATEST ONTARIO BUILDING CODE, LATEST APPLICABLE REGULATIONS, AND GOOD CONSTRUCTION

THE STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND SPECIFICATIONS.

#### MASONRY NOTES

RESPONSIBILITY OF THE CONTRACTOR.

ALL STRUCTURAL ELEMENTS HAVE BEEN DESIGNED IN ACCORDANCE WITH CSA STANDARD S304.1. ALL MASONRY CONSTRUCTION SHALL BE IN ACCORDANCE WITH CSA STANDARD A371. ALL MASONRY CONNECTORS, REINFORCING AND TYING SHALL BE IN ACCORDANCE WITH CSA A370. ALL MORTAR AND GROUT SHALL BE IN ACCORDANCE WITH A179.

THE DRAWINGS, PRIOR TO THE COMMENCEMENT OF ANY WORK.

. ALL CONCRETE BLOCKS SHALL BE NORMAL WEIGHT TYPE H/15/A/M UNLESS OTHERWISE NOTED. MORTAR SHALL BE TYPE S FOR LOADBEARING AND TYPE N FOR NON-LOADBEARING. . VERTICAL CONTROL JOINTS SHALL BE PROVIDED AT A MAXIMUM SPACING OF

6000mm. REFER TO ARCHITECTURAL DRAWING FOR DETAILS AND LOCATIONS. 4. TRIM ALL OPENINGS WITH 2-15M BARS. 5. GROUT SHALL CONSIST OF ON ONE PART PORTLAND CEMENT, THREE PARTS

SAND (MAXIMUM AGGREGATE SIZE SHALL BE 10mm) WITH WATER TO PROVIDE A 10. PROVIDE MINIMUM 175x10x175 BEARING PLATES FOR ALL STRUCTURAL MINIMUM 10MPa COMPRESSIVE STRENGTH AT 28 DAYS. SLUMP SHALL BE 200mm TO 250mm. 6. ALL CELLS CONTAINING REINFORCING SHALL BE GROUTED SOLID. TWO BLOCK

COURSES BELOW BEARING PLATES SHALL BE GROUTED SOLID. THE MASONRY SHALL BE CONSTRUCTED EVENLY WITH MAXIMUM LIFTS OF 1200 PER DAY. DO NOT TOOTH AND BOND OR STACK BOND MASONRY. RAKE BACK ENDS OF UNFINISHED WALLS. 8. ALL MORTAR JOINTS SHALL BE TOOLED (CONCAVE). A MINIMUM BED JOINT OF

6mm IS REQUIRED FOR THE STARTING COURSE TO A MAXIMUM OF 20mm. THE BED JOINTS SHALL BE 10mm. 9. PROVIDE VERTICAL AND HORIZONTAL REINFORCING AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS. - 190 CONCRETE BLOCK - 15M VERTICAL AT 800 O.C. & HEAVY DUTY TRUSS TYPE HORIZONTAL REINFORCING EVERY SECOND COURSE. - 240 CONCRETE BLOCK - 20M VERTICAL AT 600 O.C. & HEAVY DUTY TRUSS TYPE HORIZONTAL REINFORCING EVERY COURSE.

O. THE HORIZONTAL REINFORCING AT EXTERIOR WALLS SHALL BE GALVANIZED. DO NOT EXTEND HORIZONTAL REINFORCING THROUGH CONTROL JOINTS UNLESS OTHERWISE NOTED.

1. PROVIDE A STEEL LINTEL OVER ALL OPENINGS OR RECESSES INCLUDING OPENINGS FOR MECHANICAL AND ELECTRICAL COMPONENTS. ALL EXTERIOR LINTELS TO BE HOT DIP GALVANIZED.

#### STRUCTURAL STEEL NOTES

1. ALL STRUCTURAL STEEL ELEMENTS, INCLUDING DESIGN OF ELEMENTS AND CONNECTIONS SHALL BE IN ACCORDANCE WITH CAN/CSA S16. 2. ALL STRUCTURAL STEEL SHALL CONFORM TO CSA G40.21 (300W) EXCEPT W SECTIONS AND PLATES G40.21 (350W), HSS MEMBERS G40.21 (350W) CLASS C OR ASTM A500 GRADE C, ANCHOR BOLTS ASTM A307, COLD FORMED SECTIONS ASTM A570M GRADE 350W. UNLESS OTHERWISE NOTED, ALL SECTIONS SHALL BE PRIME PAINTED WITH THE SURFACE PREPARATION AND PAINTING PROCEDURES IN ACCORDANCE WITH

CAN/CGSB 85.10. OPEN WEB STEEL JOISTS ARE TO BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER TO CARRY THE LOADS AND SPANS INDICATED ON THE DRAWINGS. DETAILS AND DESIGN INCLUDING BRIDGING REQUIREMENTS ARE TO CONFORM TO CSA STANDARDS \$16-09. PROVIDE 100mm DEEP JOIST SHOES DESIGNED FOR A MAXIMUM BEARING PRESSURE OF 1100 kPa ON MASONRY WALLS.

4. ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH CAN/CSA W59. THE STEEL FABRICATOR SHALL BE FULLY QUALIFIED UNDER THE REQUIREMENTS BY THE CANADIAN WELDING BUREAU IN CONFORMANCE 5. DESIGN ALL MOMENT AND SHEAR CONNECTIONS FOR THE FULL CAPACITY OF THE SMALLER MEMBER IN THE CONNECTION UNLESS OTHERWISE

8. CLARIFY ANY QUERIES WITH THE ENGINEER REGARDING THE INTERPRETATION OF 6. PROVIDE MINIMUM BEARING LENGTH OF STEEL MEMBERS AS FOLLOWS: - ON MASONRY - 150mm – ON STEEL – 90mm

7. THE BASE PLATE AND BEARING PLATE GROUT SHALL BE OF THE CEMENTITIOUS NON-SHRINK TYPE.

8. DECK SHALL BE 38mm DEEP IN ACCORDANCE WITH CSA S136 AND SHALL BE FABRICATED FROM ASTM A653 SS GRADE 230 GALVANIZED STEEL WITH A ZF75 GALVANNEAL OR Z275 GALVANIZED ZINC COATING. THE MINIMUM NOMINAL STEEL CORE THICKNESS SHALL BE 0.76mm. STEEL DECK SHALL BE FASTENED TO THE SUPPORT STRUCTURE WITH 20mm SPOT WELDS AT NOT MORE THAN 300mm c/c (150mm AT PERIMETER). CLINCH SIDELAPS AT 600mm c/c. ALL WELDS TO BE TOUCHED UP WITH PRIMER. MECHANICAL FASTENERS MAY ONLY BE USED

WITH THE PERMISSION OF THE ENGINEER. 9. FULLY WELD THE BASE PLATE TO THE COLUMN TO DEVELOP THE ANCHOR BOLTS. PROVIDE CAP PLATES ON ALL COLUMNS. PROVIDE 6mm CAP PLATES ON ALL COLUMNS. STEEL c/w 2-150 ANCHORS UNLESS OTHERWISE NOTED.

11. ALL BOLTS SHALL BE TIGHTENED WITH A SUITABLE TORQUE WRENCH IN ACCORDANCE WITH CSA S16. 12. ALL STEEL EXPOSED TO THE EXTERIOR TO BE HOT DIP GALVANIZED. 13. ERECT STRUCTURAL STEEL IN ACCORDANCE WITH CSA S16 AND IN CONFORMANCE WITH THE APPROVED SHOP DRAWINGS.

## CONCRETE NOTES

1. ALL STRUCTURAL CONCRETE ELEMENTS HAVE BEEN DESIGNED IN ACCORDANCE WITH CSA STANDARD CAN/CSA A23.3. ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH CSA STANDARD CAN/CSA A23.1. 2. MINIMUM CONCRETE STRENGTH AT 28 DAYS SHALL BE:

25 MPa TYPE N FOUNDATION WALLS 25 MPa TYPE F2 SLAB ON GRADE 25 MPa TYPE N

SLUMP SHALL BE 75mm± 25mm. AGGREGATE SHALL BE 20mm MAXIMUM. AIR ENTRAINED TO BE 6%  $\pm$  1% WHEN EXPOSED TO EXTERIOR.

CONTRACTOR TO SUBMIT CONCRETE MIX DESIGN FOR REVIEW. 3. THE DEFORMED REINFORCING STEEL SHALL CONFORM TO CSA STANDARD G30.18M GRADE 300R FOR STIRRUPS AND TIES AND GRADE 400R FOR ALL OTHER REINFORCING. UNLESS OTHERWISE NOTED THE REINFORCING LAP LENGTH SHALL BE 'CLASS B' IN SPLICES. ALL REINFORCING HOOKS AND BENDS SHALL BE IN ACCORDANCE WITH A23.1. 4. WELDED WIRE FABRIC SHALL BE IN ACCORDANCE WITH CSA G30.5. ALL MESH SHALL BE CHAIRED PRIOR TO THE CONCRETE POUR. LIFTING OF THE MESH DURING THE CONCRETE POUR WILL NOT PERMITTED. ALL SPLICES SHALL BE A MINIMUM OF TWO CROSS WIRE SPACINGS PLUS 50mm. 5. THE REINFORCING COVER FOR CONCRETE SHALL BE:

- 75mm FOR CONCRETE AGAINST EARTH - 40mm FOR FORMED CONCRETE EXPOSED TO EARTH OR WEATHER WHERE THE REINFORCING BAR IS 15M OR SMALLER - 50mm FOR FORMED CONCRETE EXPOSED TO EARTH OR WEATHER WHERE THE REINFORCING BAR IS 20M OR LARGER - 25mm FOR INTERIOR CONCRETE. ALL CHAIRS, BOLSTERS, SPACERS AND BAR SUPPORTS SHALL BE IN ACCORDANCE WITH A23.1. 6. FOOTINGS SHALL BEAR ON EXISTING FILL WITH A MINIMUM BEARING

RESISTANCE OF: – 150 kPa (SLS) – 225 kPa (ULS) THE CONTRACTOR SHALL VERIFY THE CAPACITY PRIOR TO PLACEMENT OF CONCRETE. REFER TO GEOTECHNICAL REPORT PREPARED BY PETO MACCALLUM

LTD. PROJECT No: 23HF019 DATED NOVEMBER 16, 2023. 7. THE LINE OF SLOPE BETWEEN ADJACENT FOOTINGS OR EXCAVATION OR STEP DOWN FOOTINGS SHALL NOT EXCEED A RISE OF 7 IN A RUN OF 10. STEP HEIGHT SHALL NOT EXCEED 600mm. 8. KEEP EXCAVATIONS DRY BEFORE CONCRETE IS PLACED. REMOVE ALL LOOSE MATERIAL, SOFT SOIL OR WATER PRIOR TO PLACING CONCRETE. PROVIDE A 75mm MUD SLAB FOR ALL FOOTINGS BELOW THE WATER TABLE.

10. THE FOOTING DESIGN IS BASED ON INFORMATION AVAILABLE AT THE TIME OF DESIGN. THE FOOTING DESIGN MAY BE ALTERED DURING CONSTRUCTION. IF THE SITE CONDITIONS WARRANT, BUT ONLY WITH THE EXPRESS PERMISSION OF THE 11. PROTECT ALL FOOTINGS, WALLS AND SLABS AGAINST FROST ACTION DURING CONSTRUCTION. ALL EXTERIOR FOOTINGS SHALL FOUNDED BELOW THE FROST

LINE, MINIMUM 1200mm BELOW GRADE.

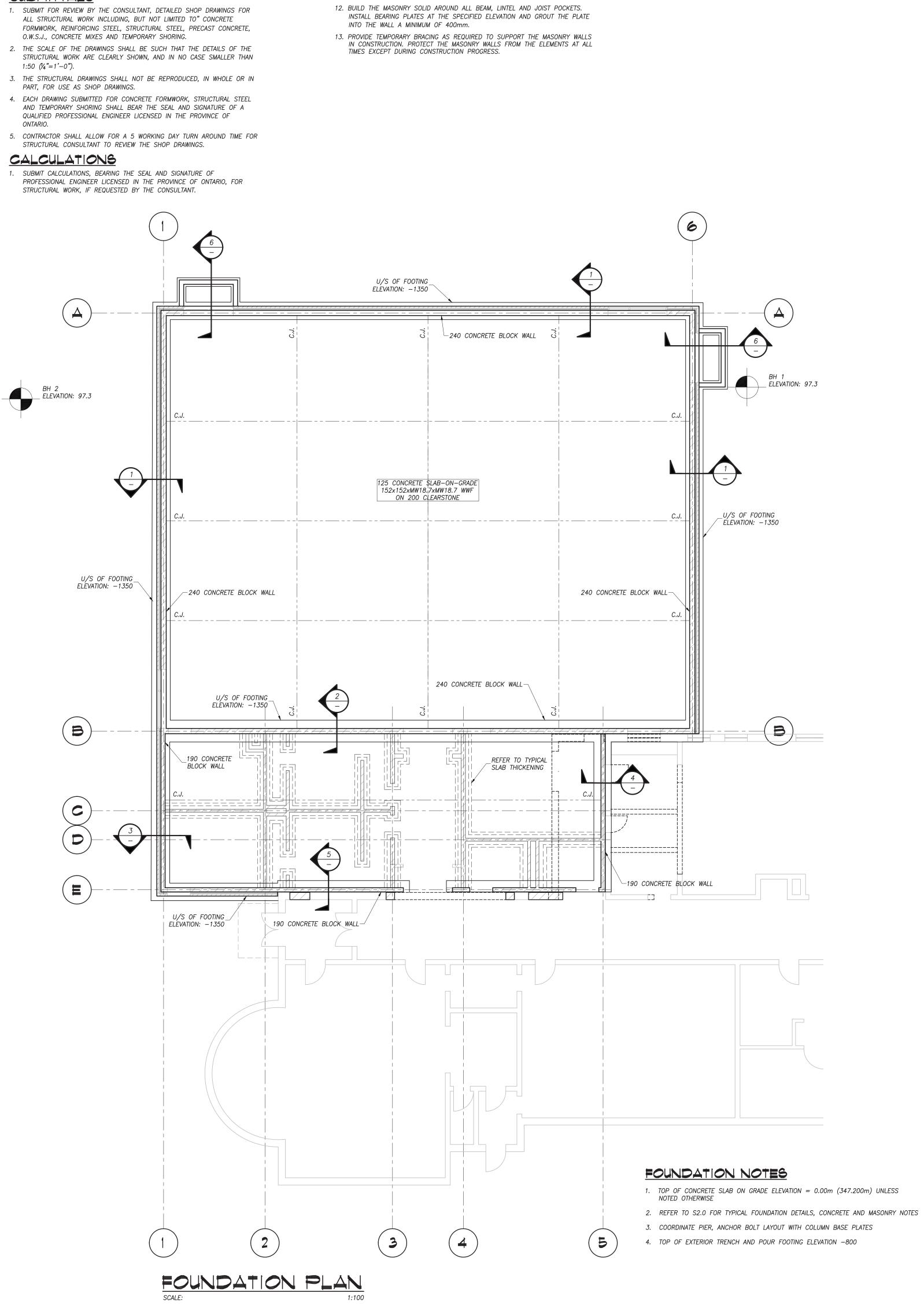
9. ALL FOOTINGS SHALL BE CENTRED ON THE WALL UNLESS OTHERWISE NOTED.

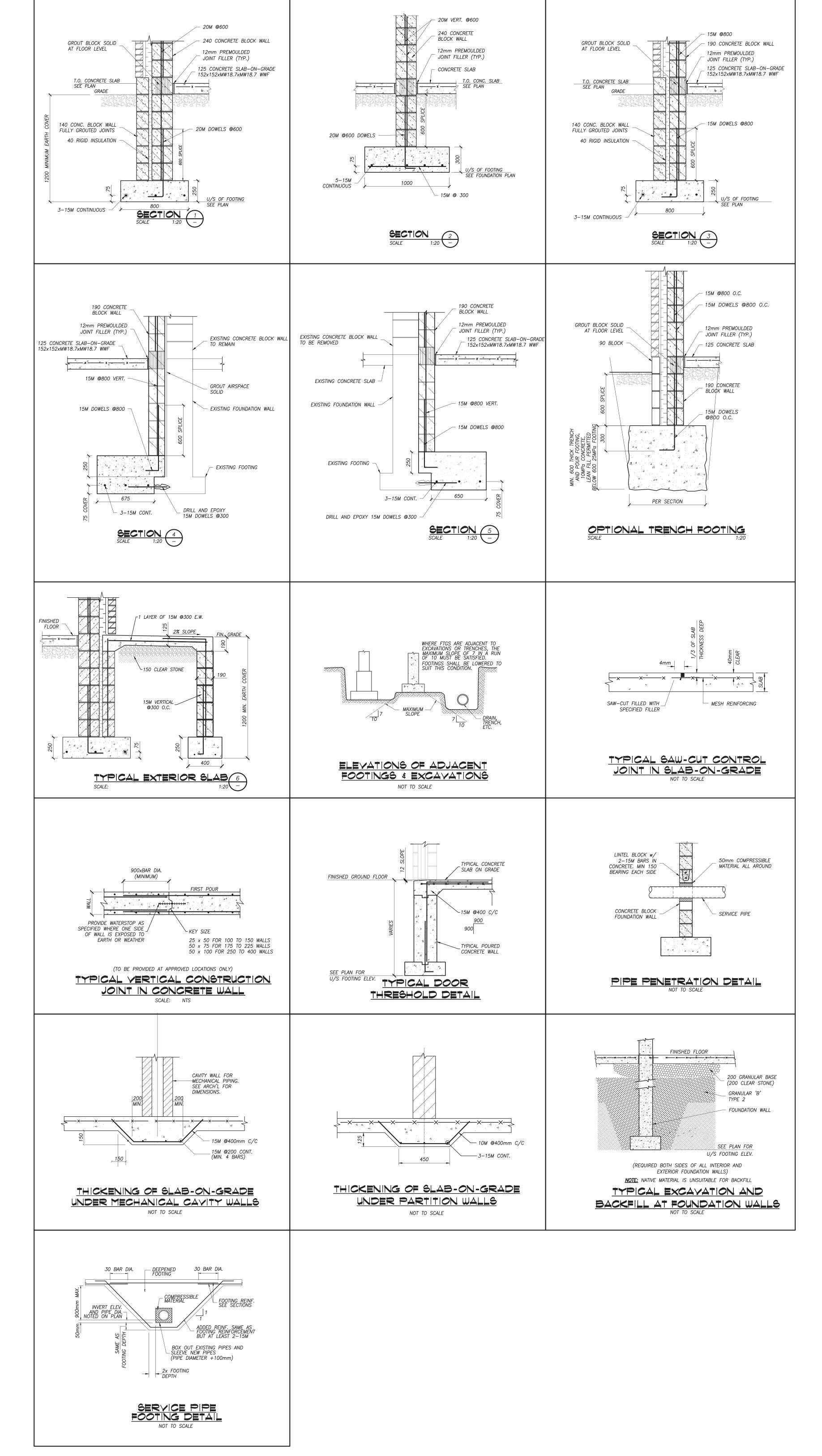
PROVIDING LATERAL SUPPORT ARE COMPLETE. PLACE BACKFILL IN A MANNER WHERE THE ELEVATION DIFFERENCE ON EITHER SIDE OF THE WALL IS NO GREATER THAN 450mm. PROVIDE TEMPORARY SHORING AS REQUIRED. 13. SLAB-ON-GRADE GRADE CONSTRUCTION SHALL BE CAPABLE OF SUPPORTING 25kN/m² WITHOUT RELATIVE SETTLEMENT. 14. CONSTRUCT CONCRETE WALLS WITHOUT CONTROL JOINTS, UNLESS OTHERWISE

12. DO NOT BACKFILL AGAINST WALLS RETAINING EARTH UNTIL THE ELEMENTS

WALL AS REQUIRED. 15. PROVIDE DOWELS TO WALLS AND COLUMNS TO SUIT THE REINFORCING IN THE WALL OR COLUMN ABOVE. 16. ALL ADHESIVE ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE HILTI HIT-HY200 (OR APPROVED EQUAL) PROCEDURES.

NOTED. PROVIDE CHASES AND BEAMS POCKETS IN THE INTERIOR FACE OF THE







2050 Guelph Line, Burlington, ON.

Glenview Public School Gym Addition 143 Townsend Ave.,

Burlington, ON. L7T 1Z1

Architects Snyder Architects Inc. 100 Broadview Ave, Suite 301, Toronto, ON M4M 3H3 t. 416.966.5444, w. snyderarchitects.ca

Mechanical and Electrical Consultants DEI & Associates Inc. 55 Northland Rd. Waterloo, Ontario, N2V 1Y8 Tel: 519-725-3555

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Civil Consultant

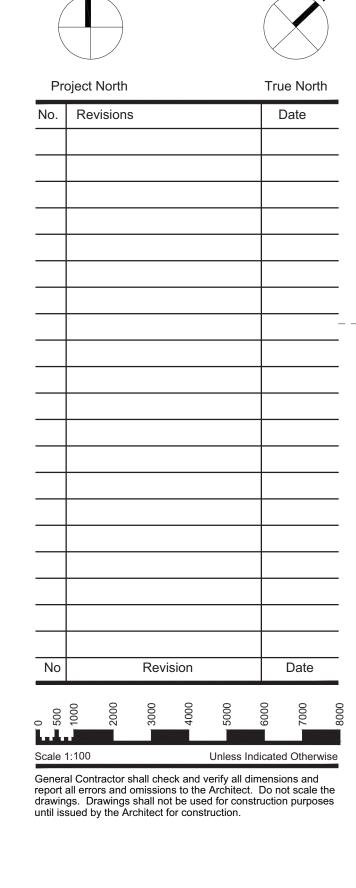
Flora Designs Inc 1109 Britannia Rad East, Mississauga, ON L4W 3X1 Tel: 647-496-8055 Landscape Consultant

**OMC Landscape Architecture** 270 Sherman Ave. N., Suite 315-MILL Hamilton, ON L8L 6N4 Tel: 905-681-7604



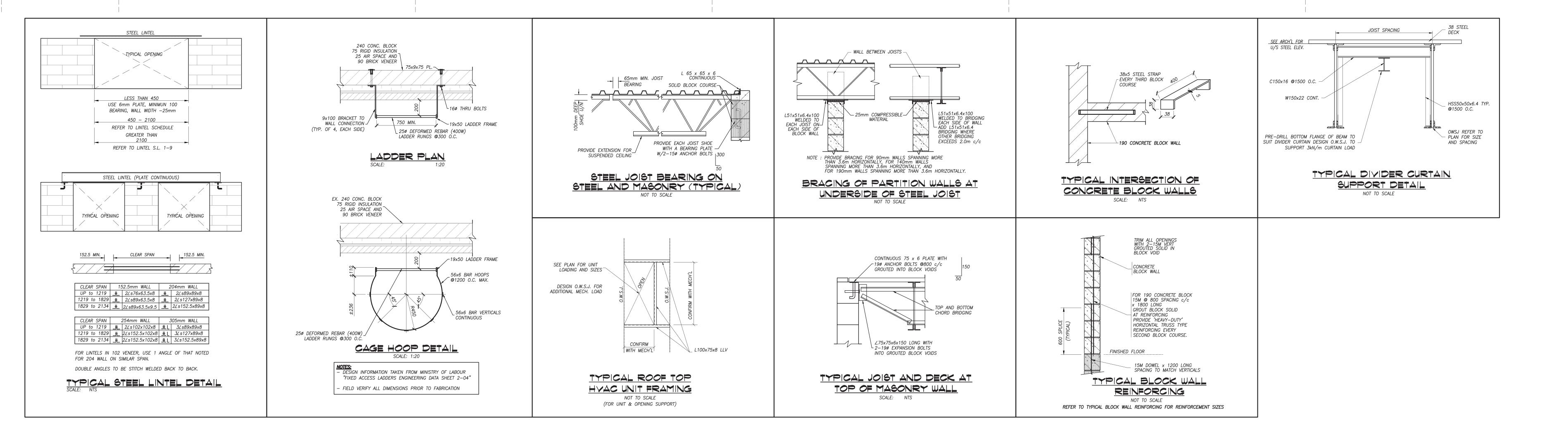
Key Plan N.T.S.



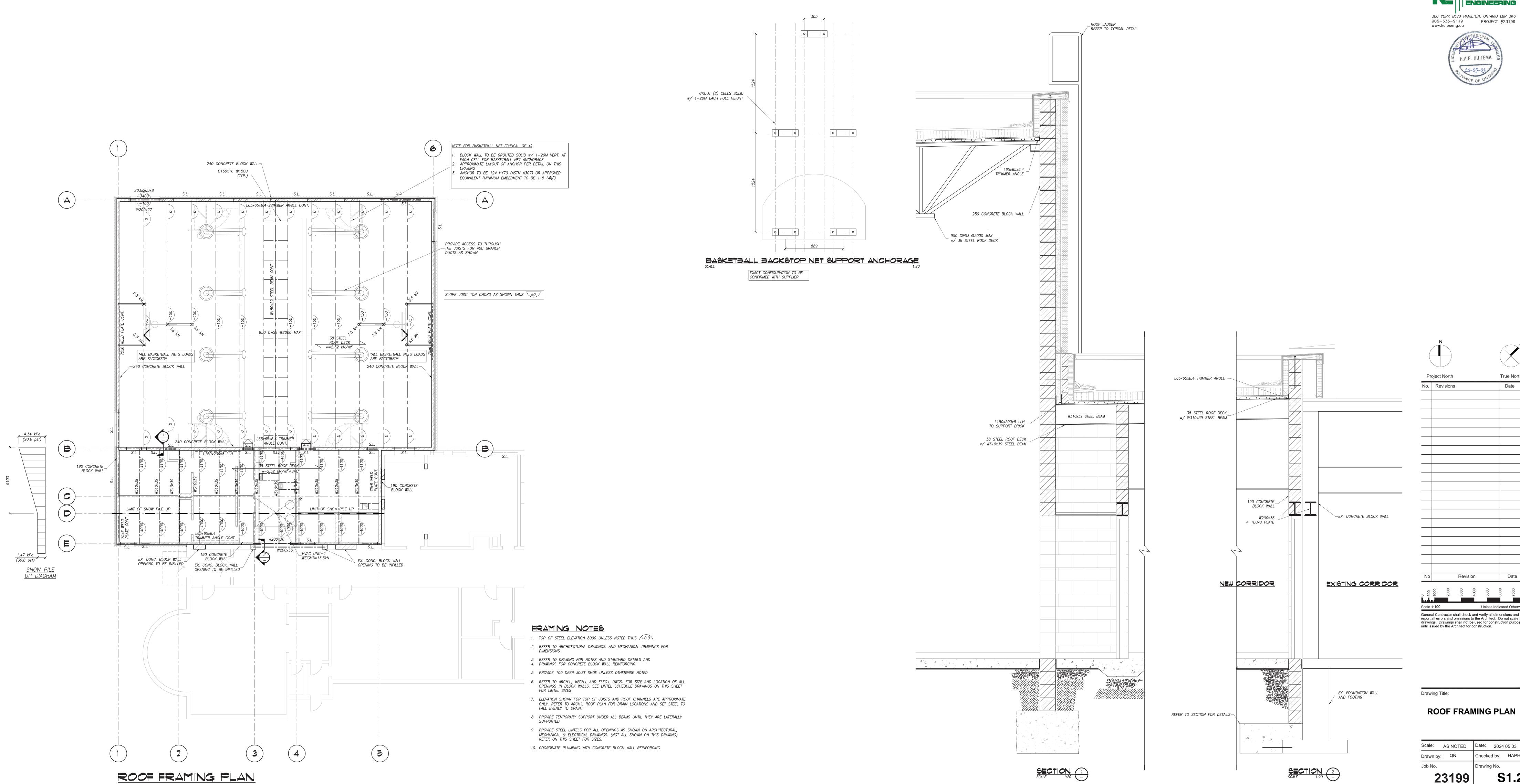


**FOUNDATION** 

Scale: AS NOTED Date: 2024 05 03 Drawn by: QN **S1.1** 



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District School 2050 Guelph Line,

Burlington, ON. L7P 5A8 Glenview Public School

Gym Addition 143 Townsend Ave., Burlington, ON. L7T 1Z1

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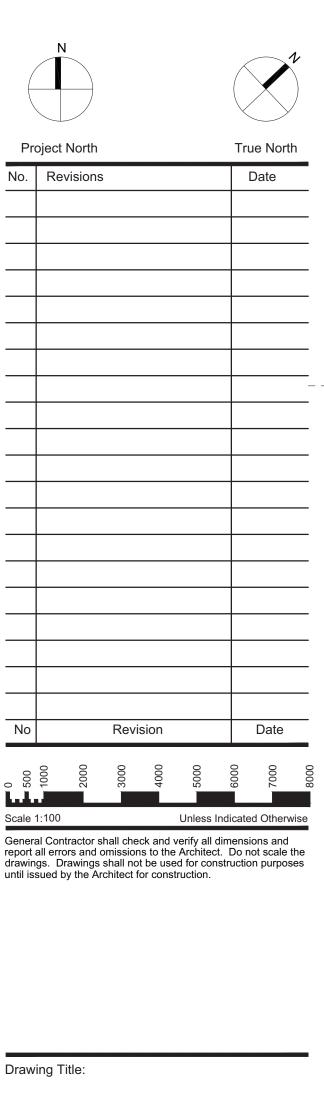
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Key Plan N.T.S.







**ROOF FRAMING PLAN**