

RFT 26-031 Milton # 13 Elementary School and Child Care Facility

The following, issued by the Halton District School Board (HDSB) February 26, 2026, shall be incorporated in the specifications and shall form part of the proposal document for the above.

ATTACHED:

1. Bidders are asked to refer to the attached Addendum No. 4 as drafted by Hossack & Associates Architects dated February 24, 2026 (17 page).

RECEIPT OF ADDENDA MUST BE ACKNOWLEDGED ON THE FORM OF QUOTATION.

**PAGE 1 OF 18
END OF ADDENDUM 4**

PROJECT NO. 22124
HOSSACK & ASSOCIATES ARCHITECTS

ADDENDUM NO. 4

Issued February 26, 2026

The following additions, deletions, modifications and clarifications issued herein are hereby an integral part of the Tender and Contract Documents. Minor Typographic or spelling mistakes in the Contract Documents which do not significantly affect the meaning of the sentence or phrase in which they occur may not necessarily be corrected by Addenda.

GENERAL

1. Ensure that all parties submitting bids are aware of this **Addendum No. 4** and its contents.
2. **Contents:** Addendum No. 4 - in its entirety consists of the following:
 - .1 Two (2) typed page of instructions.
 - .2 One (1) page 8.5" x 11" drawing, AD100, one (1) Arch D 24" x 36" drawing 'SKA-2', and one (1) full size 36" x 48" drawing 'SP1'.
 - .3 Landscape Addendum – One (1) typed page of instructions and two (2) full size 36" x 48" drawing, SG.1 and LP.1.
 - .4 Civil Addendum No.1 – One (1) typed page of instructions and One (1) full size 36" x 48" drawing, CV-2.
 - .5 Mechanical and Electrical Addendum No. 2 – Two (2) typed pages of instructions, One (1) page 8.5" x 11" drawing, ADD02-M01 and Four (4) full size 36" x 48" drawings, E3.1, E3.3, E4.1 and E8.2.

AMENDMENTS TO SPECIFICATION BINDER C

Item 01: AD 100 Building Weeping Tile Location Plan

- .1 REPLACE: 'AD100' in its entirety with enclosed 'AD 100 Building Weeping Tile Location Plan' dated February 26, 2026.

Item 02: SKA-2 LIBRARY ROOF PATIO FOR ALTERNATE PRICE INFORMATION

- .1 ADD 24" x 36" size drawing **SKA-2 'Library Roof Patio for Alternate Price Information'** to be used to provide alternate pricing information noted on 'Section 00 22 00 Supplementary Information Form', item 1.7.2 Alternate Price #2: Roof area to Roof Patio adjacent Library 209'.

AMENDMENTS TO DRAWINGS

Item 03: SP1 Site Plan Details:

- .1 ADD: 2.2m concrete pathway at building frontage along Trudeau Drive per enclosed SP1 Site Plan dated February 26, 2024.
- .2 ADD: 2.2m concrete pathway at building frontage along Seager Avenue per enclosed SP1 Site Plan dated February 26, 2024.
- .3 DELETE: concrete pathway at south-west corner of site at intersection of Trudeau Drive and Seager Avenue per enclosed SP1 Site Plan dated February 26, 2024.

PROJECT NO. 22124
HOSSACK & ASSOCIATES ARCHITECTS

ADDENDUM NO. 4

Issued February 26, 2026

LANDSCAPE

Item 04: LANDSCAPE:

- .1 Landscape Addendum – One (1) typed page of instructions and two (2) full size 36” x 48” drawing, SG.1 and LP.1 dated, February 26, 2026. Attached.

CIVIL

Item 05: CIVIL:

- .1 Civil Addendum No.1 – One (1) typed page of instructions and One (1) full size 36” x 48” drawing, CV-2 dated February 26, 2026. Attached.

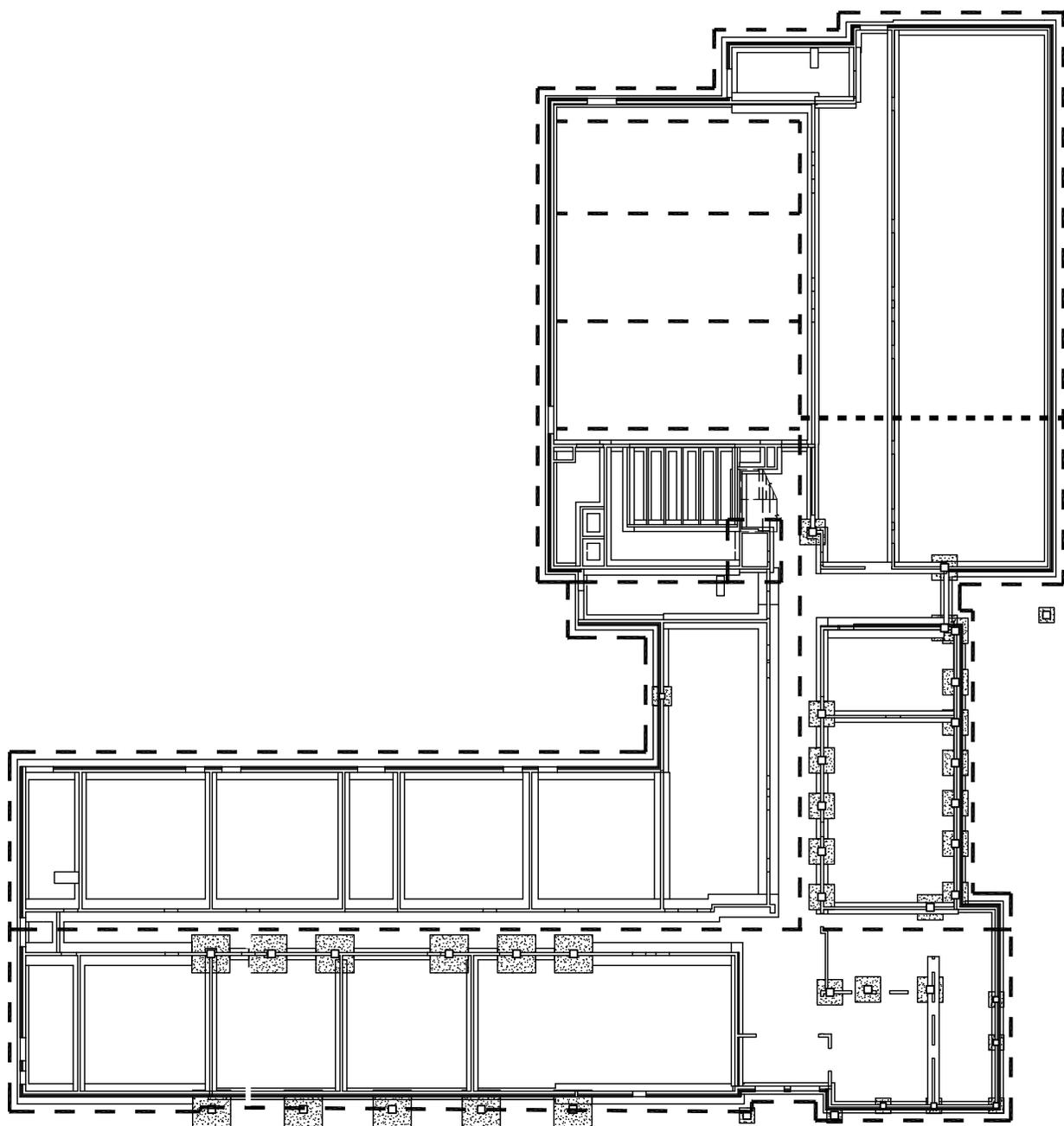
MECHANICAL & ELECTRICAL

Item 06: MECHANICAL & ELECTRICAL:

- .1 Mechanical and Electrical Addendum No. 2 – Two (2) typed pages of instructions, One (1) page 8.5” x 11” drawing, ADD02-M01 and Four (4) full size 36” x 48” drawings, E3.1, E3.3, E4.1 and E8.2. dated February 26, 2026. Attached

End of Addendum No. 4

CONNECT TO
WEEPERS PLUG PER
DRAWING CV-2



--- WEEPING TILE

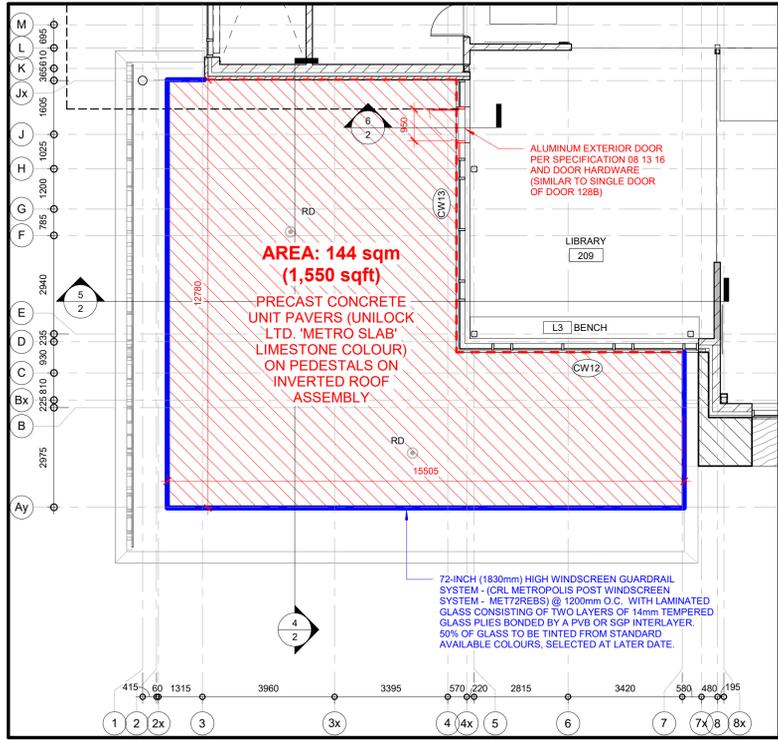
BUILDING WEEPING TILE LOCATION PLAN

PROJ: 22124
SCALE: 1:500
DRAWN: KB
DATE: 260226

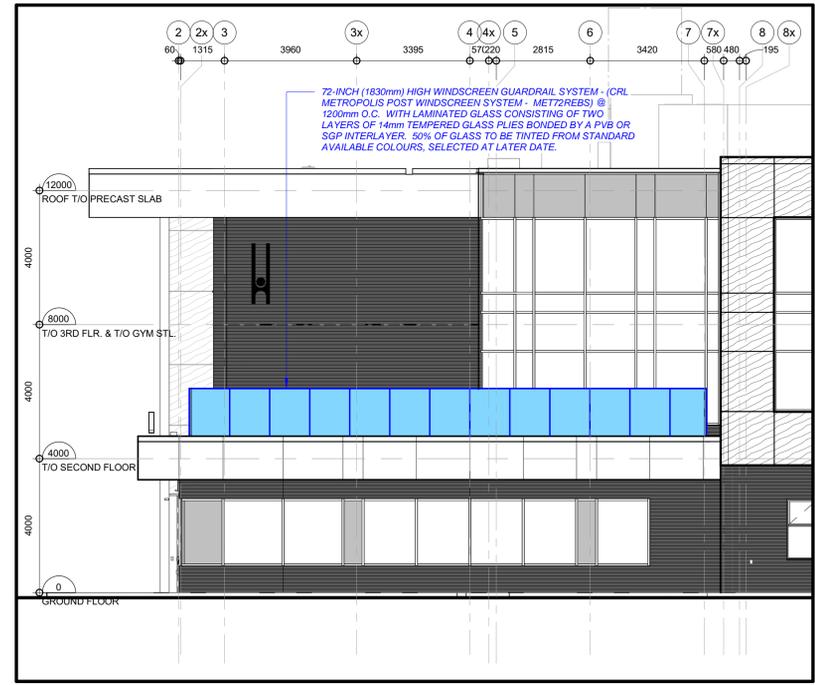


ISSUE/REV.
ADD.4

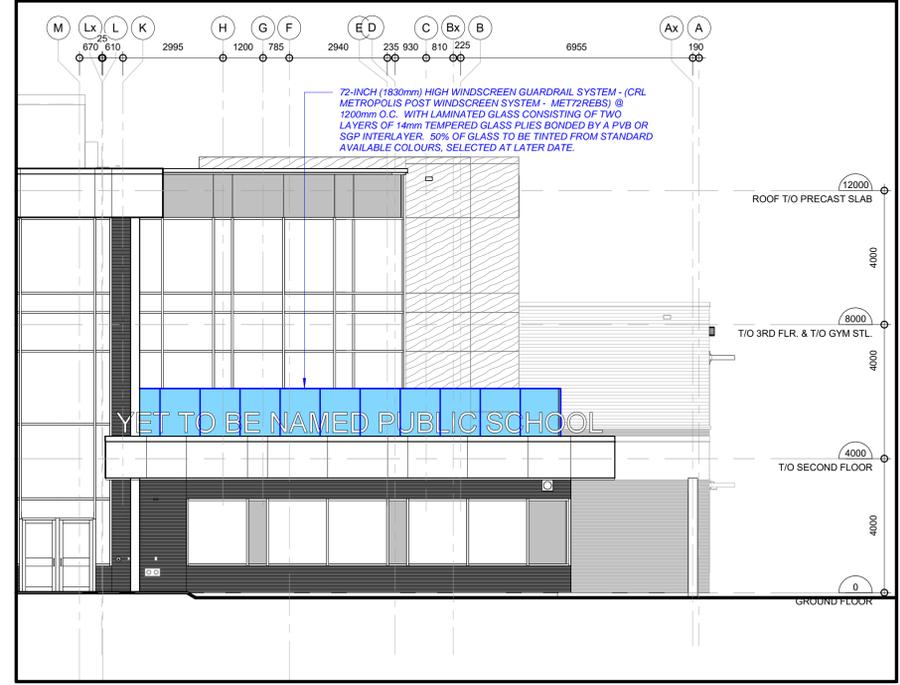
AD
100



1 PARTIAL SECOND FLOOR PLAN - LIBRARY ROOF PATIO
SCALE: 1:100

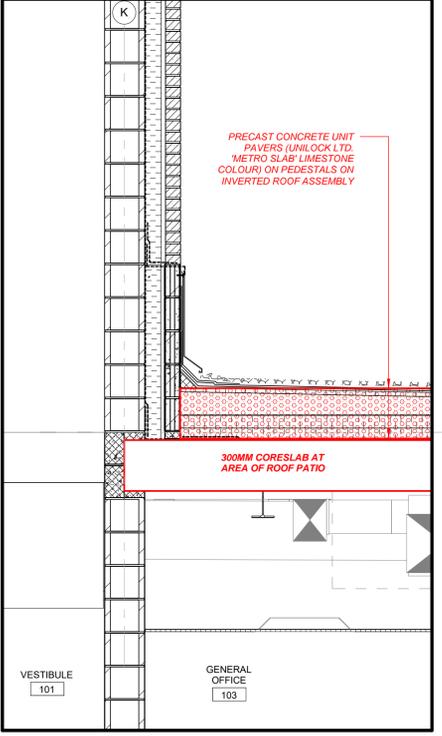


2 PARTIAL SOUTH ELEVATION (ALT. PRICE)
SCALE: 1:100

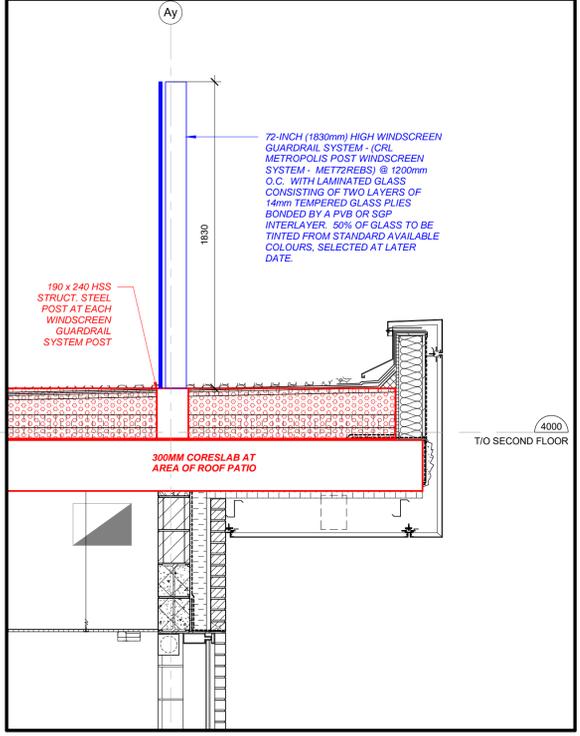


3 PARTIAL WEST ELEVATION (ALT. PRICE)
SCALE: 1:100

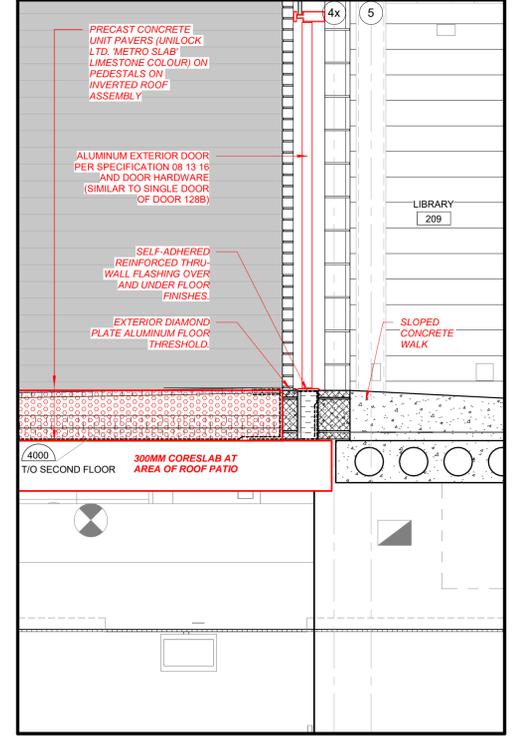
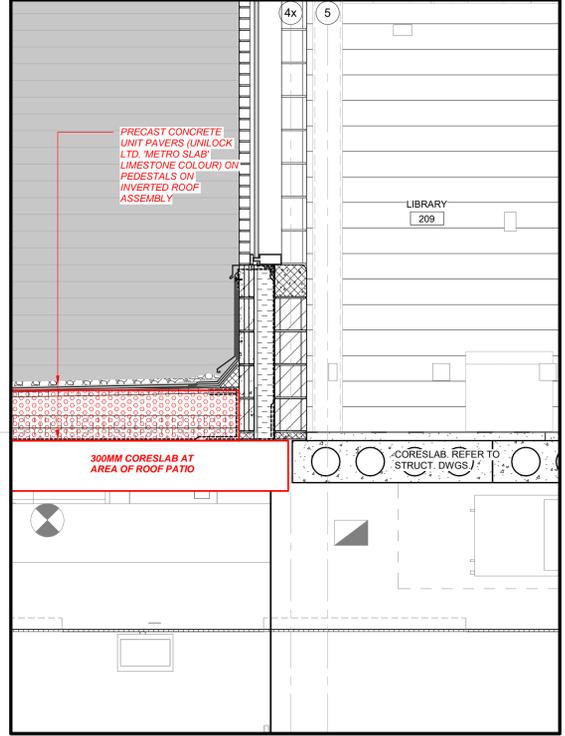
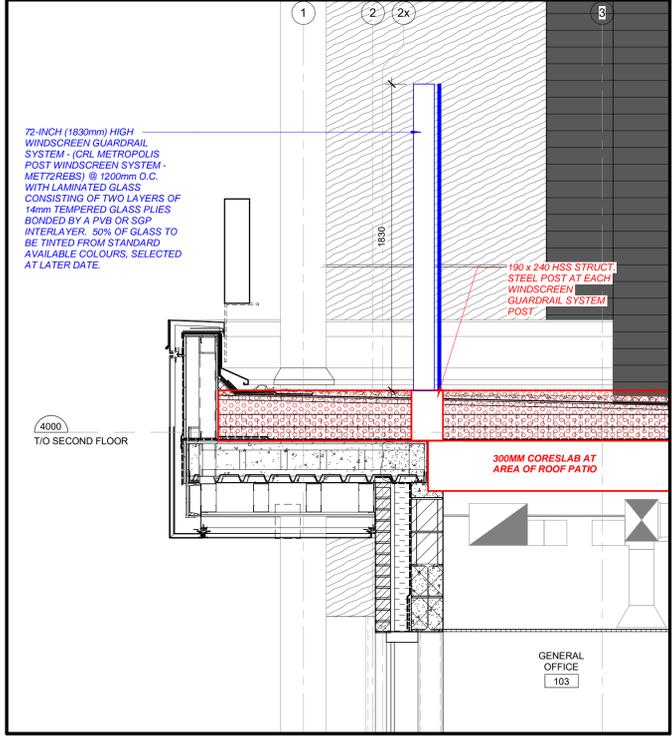
NOTE:
THIS DRAWING IS ISSUED FOR THE PURPOSE OF OBTAINING AN ALTERNATE PRICE IN THE "SUPPLEMENTARY INFORMATION FORM". FURTHER DETAILED ENGINEERING REVIEW MAYBE REQUIRED FOR CONSTRUCTION PURPOSES. THIS WILL OCCUR IF THE OWNER ACCEPTS THE ALTERNATE PRICE. PRICE MAY CHANGE TO REFLECT FURTHER REVISIONS TO THE DESIGN SHOWN ON THIS DRAWING.



4 WALL SECTION @ ADMIN AREA THRU NORTH CANOPY (ALT. PRICE)
SCALE: 1:20



5 WALL SECTION @ LIBRARY WALL TO LOW ROOF (ALT. PRICE)
SCALE: 1:20



6 WALL SECTION @ EXT. DOOR TO ROOF PATIO (ALT. PRICE)
SCALE: 1:20



Strategy 4

2620 Bristol Circle, Suite 100
Oakville, On L6H 6Z7
t : (905) 829-2544 w : www.strategy4.ca

Milton #13 Addendum #4

Project No.: S4i 3057

Date: February 26th, 2026

Location: 1345 Trudeau Drive, Milton, ON

Project: Milton #13 Public Elementary School

Reason:

1. Town of Milton Zoning Compliance
2. Landscape Quantities Pricing

Drawings Re-Issued

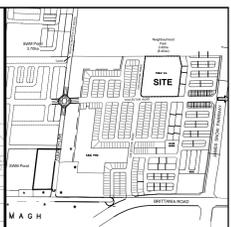
1. SG.1 – Site Grading Plan
2. LP.1 – Landscape Plan

Direction:

1. 2.2m concrete pathways have been added at the West and South of the school for barrier free accessibility purposes. The landscape plan was adjusted accordingly.
2. Planting Quantities were reflected on the face of the landscape plan.

Sincerely yours,

Jeff Kenny – BES, Cert ELD., MCIP, RPP, PLE
Partner
Strategy 4 Inc-



KEY PLAN N.T.S.

BASE INFORMATION TAKEN FROM DRAWINGS BY OTHERS. SA DOES NOT ASSUME ANY RESPONSIBILITY FOR ERRORS, OMISSIONS, OR ACCURACY OF THE INFORMATION. DRAWINGS SHALL ONLY BE USED FOR GUIDANCE PURPOSES ONLY.

- LEGEND:**
- SCHOOL PROPERTY LINE
 - 54 PROPOSED FINISH GRADE ELEVATION
 - 54 PROPOSED FINISH GRADE CONTOUR LINE AND ELEVATION
 - ➔ DIRECTIONAL DRAINAGE ARROW
 - ⊕ The boundary grades were received via email from SCS consulting on November 12th, 2023.
 - ⊕ EXISTING ELEVATION TAKEN FROM REVISION B.A.G. DATED 2002/09 BY STRATEGY 4
 - ⊕ INTERPOLATED DESIGN GRADE GENERATED BY STRATEGY 4 USING BLOCK BOUNDARY. THE BOUNDARY GRADES ARE THOSE RECEIVED VIA EMAIL FROM SCS CONSULTING ON NOVEMBER 12TH, 2023.

DATE	DESCRIPTION	CHECKED BY
FEB. 26 2026	ADDED WALKWAY AS PER ARCHITECT SITE PLAN ISSUED FOR ADDENDUM #4	10. JK
FEB. 3 2026	ISSUED FOR TENDER	9. JK
JUN 27 2026	ISSUED FOR 2ND SITE PLAN APPLICATION CIRCULATION	8. JK
JAN 29 2026	ISSUED FOR TENDER	7. JK
JAN 5 2026	ISSUED FOR EAST BOUNDARY FENCING INSTALLATION	6. JK
AUG 15 2025	ISSUED FOR SITE PLAN APPROVAL	5. JK
MAR 21 2025	ISSUED FOR BUILDING PERMIT	4. JK
MAR 20 2025	REVISED PER SCS & MUNICIPAL COMMENTS - SWITCHGEAR ADDED	3. JK
JAN 31 2025	ISSUED FOR SITE PLAN APPROVAL	2. JK
DEC 21 2024	ISSUED TO H&A & H&B FOR FORMAL REVIEW	1. JK

DATE DESCRIPTION CHECKED BY

REVISIONS

NOTE: Contractor to check and verify all dimensions and conditions on the project, and as immediately report any discrepancies to the landscape architect before proceeding with the work.



HALTON DISTRICT SCHOOL BOARD



Project Name:
MILTON #13 PUBLIC ELEMENTARY SCHOOL
1346 TRUDEAU DRIVE - MILTON, ONTARIO

Sheet Description:
SITE GRADING PLAN SP 13/25

Date	Issued
SEPT. 2023	FEB. 2026

Job No.	Drawn By
S4 3057	RO

Scale	Checked By
1:250	DT

Sheet No.	File No.
SG.1	3057SG-260225.DWG



ADDENDUM No. 1

Page: 1 of 2

Project: Milton No. 13 – Public Elementary School
Project No: 2024-008
Location: 1345 Trudeau Drive, Milton, Ontario
Date: February 26, 2026
Revised:
Contractor:
Contact: Hossack Architecture
Subject: Revision to Site Servicing Plan

The following addition, deletions, amendments and/or items of clarification for integral part of the tender documents.

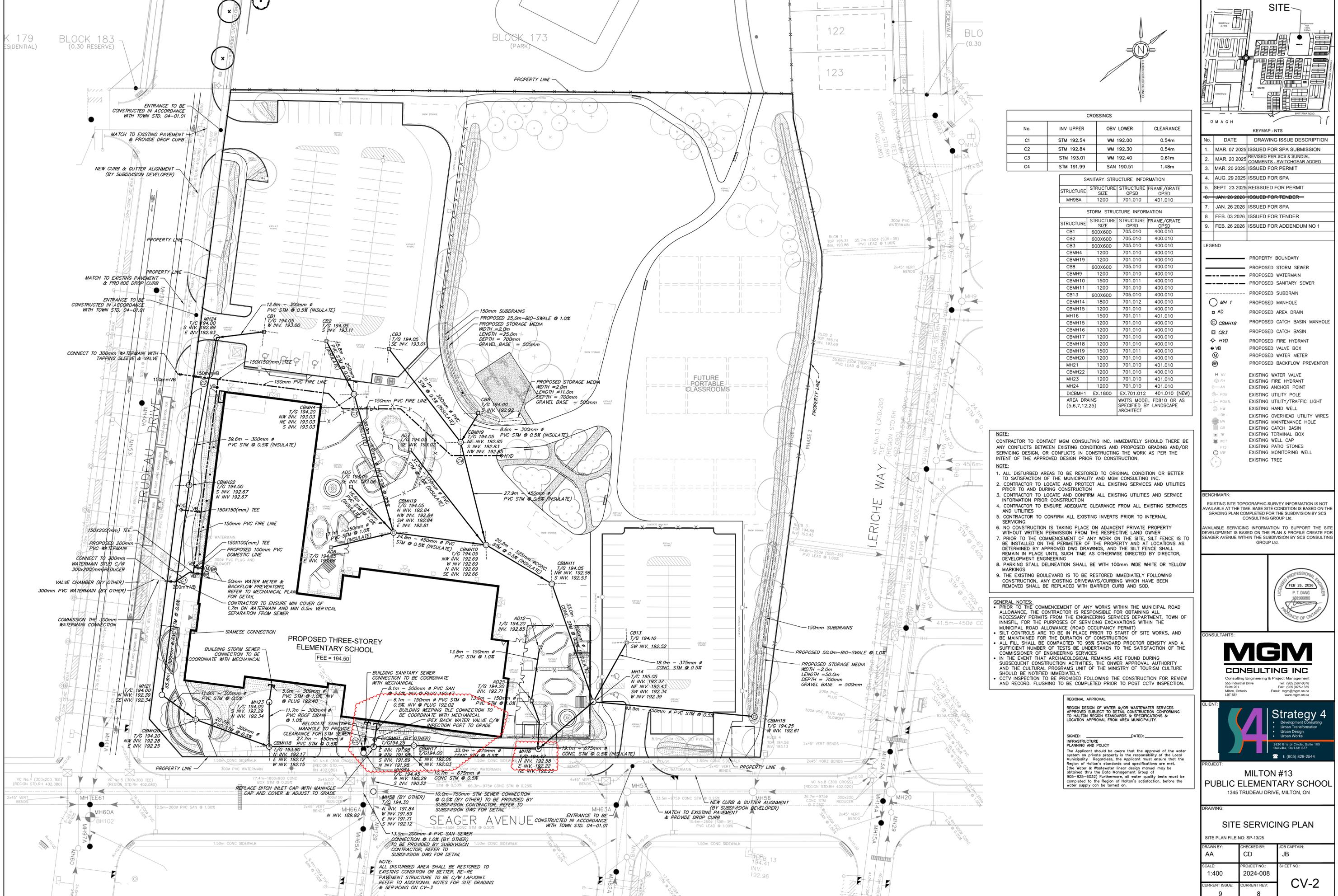
Changes to drawings CV2 has been made and highlighted on the reissued Civil package.

Contractor to confirm with MGM Consulting to any required clarification to the drawings.

MGM Consulting Inc.

February 26, 2026

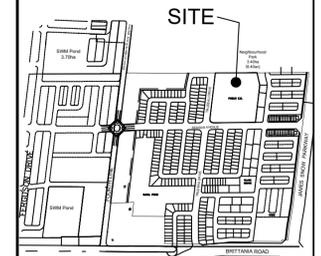
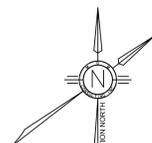
Date



K 179 (RESIDENTIAL)
BLOCK 183 (0.30 RESERVE)

BLOCK 173 (PARK)

122
123
BLO (0.30)



CROSSINGS			
No.	INV UPPER	OBV LOWER	CLEARANCE
C1	STM 192.54	WM 192.00	0.54m
C2	STM 192.84	WM 192.30	0.54m
C3	STM 193.01	WM 192.40	0.61m
C4	STM 191.99	SAN 190.51	1.48m

SANITARY STRUCTURE INFORMATION			
STRUCTURE	STRUCTURE SIZE	STRUCTURE OP/SD	FRAME/GRATE OP/SD
MH98A	1200	701.010	401.010

STORM STRUCTURE INFORMATION			
STRUCTURE	STRUCTURE SIZE	STRUCTURE OP/SD	FRAME/GRATE OP/SD
CB1	600X600	705.010	400.010
CB2	600X600	705.010	400.010
CB3	600X600	705.010	400.010
CBM4	1200	701.010	400.010
CBM19	1200	701.010	400.010
CB8	600X600	705.010	400.010
CBM9	1200	701.010	400.010
CBM10	1500	701.011	400.010
CBM11	1200	701.010	400.010
CB13	600X600	705.010	400.010
CBM14	1800	701.012	400.010
CBM15	1200	701.010	400.010
MH16	1500	701.011	401.010
CBM15	1200	701.010	400.010
CBM16	1200	701.010	400.010
CBM17	1200	701.010	400.010
CBM18	1200	701.010	400.010
CBM19	1500	701.011	400.010
CBM20	1200	701.010	400.010
MH21	1200	701.010	401.010
CBM22	1200	701.010	400.010
MH23	1200	701.010	401.010
MH24	1200	701.010	401.010
DCBMH1	EX.1800	EX.701.012	401.010 (NEW)

- LEGEND
- PROPERTY BOUNDARY
 - PROPOSED STORM SEWER
 - PROPOSED WATERMAIN
 - - - - - PROPOSED SANITARY SEWER
 - - - - - PROPOSED SUBDRAIN
 - MH 1 PROPOSED MANHOLE
 - AD PROPOSED AREA DRAIN
 - CBM18 PROPOSED CATCH BASIN MANHOLE
 - CB3 PROPOSED CATCH BASIN
 - ◇ HYD PROPOSED FIRE HYDRANT
 - VB PROPOSED VALVE BOX
 - WM PROPOSED WATER METER
 - BP PROPOSED BACKFLOW PREVENTOR
 - HW EXISTING WATER VALVE
 - FH EXISTING FIRE HYDRANT
 - AN EXISTING ANCHOR POINT
 - PDU EXISTING UTILITY POLE
 - PDU/L EXISTING UTILITY/TRAFFIC LIGHT
 - HW EXISTING HAND WELL
 - OH EXISTING OVERHEAD UTILITY WIRES
 - OH EXISTING OVERHEAD HOLE
 - CB EXISTING CATCH BASIN
 - MB EXISTING MANHOLE
 - PIS EXISTING PATIO STONES
 - MW EXISTING MONITORING WELL
 - EXISTING TREE

NOTE:
CONTRACTOR TO CONTACT NCM CONSULTING INC. IMMEDIATELY SHOULD THERE BE ANY CONFLICTS BETWEEN EXISTING CONDITIONS AND PROPOSED GRADING AND/OR SERVING DESIGN, OR CONFLICTS IN CONSTRUCTING THE WORK AS PER THE INTENT OF THE APPROVED DESIGN PRIOR TO CONSTRUCTION.

- NOTE:
1. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER TO SATISFACTION OF THE MUNICIPALITY AND MGM CONSULTING INC.
 2. CONTRACTOR TO LOCATE AND PROTECT ALL EXISTING SERVICES AND UTILITIES PRIOR TO AND DURING CONSTRUCTION
 3. CONTRACTOR TO LOCATE AND CONFIRM ALL EXISTING UTILITIES AND SERVICE INFORMATION PRIOR TO CONSTRUCTION
 4. CONTRACTOR TO ENSURE ADEQUATE CLEARANCE FROM ALL EXISTING SERVICES AND UTILITIES
 5. CONTRACTOR TO CONFIRM ALL EXISTING INVERTS PRIOR TO INTERNAL SERVING.
 6. NO CONSTRUCTION IS TAKING PLACE ON ADJACENT PRIVATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE RESPECTIVE LAND OWNER
 7. PRIOR TO THE COMMENCEMENT OF ANY WORK ON THE SITE, SILT FENCE IS TO BE INSTALLED ON THE PERIMETER OF THE PROPERTY AND AT LOCATIONS AS DETERMINED BY APPROVED DWG DRAWINGS, AND THE SILT FENCE SHALL REMAIN IN PLACE UNTIL SUCH TIME AS OTHERWISE DIRECTED BY DIRECTOR, DEVELOPMENT ENGINEERING
 8. PARKING STALL DELINEATION SHALL BE WITH 100mm WIDE WHITE OR YELLOW MARKINGS
 9. THE EXISTING BOULEVARD IS TO BE RESTORED IMMEDIATELY FOLLOWING CONSTRUCTION, ANY EXISTING DRIVEWAYS/CURBING WHICH HAVE BEEN REMOVED SHALL BE REPLACED WITH BARRIER CURB AND SOD.

GENERAL NOTES:

- PRIOR TO THE COMMENCEMENT OF ANY WORKS WITHIN THE MUNICIPAL ROAD ALLOWANCE, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE ENGINEERING SERVICES DEPARTMENT, TOWN OF MISSISSIPPA, FOR THE PURPOSES OF SERVING EXCAVATIONS WITHIN THE MUNICIPAL ROAD ALLOWANCE (ROAD OCCUPANCY PERMIT)
- SILT CONTROLS ARE TO BE IN PLACE PRIOR TO START OF SITE WORKS, AND BE MAINTAINED FOR THE DURATION OF CONSTRUCTION
- ALL FILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY AND A SUFFICIENT NUMBER OF TESTS BE UNDERTAKEN TO THE SATISFACTION OF THE COMMISSIONER OF ENGINEERING SERVICES
- IN THE EVENT THAT ARCHAEOLOGICAL REMAINS ARE FOUND DURING SUBSEQUENT CONSTRUCTION ACTIVITIES, THE OWNER APPROVAL AUTHORITY AND THE CULTURAL PROGRAMS UNIT OF THE MINISTRY OF TOURISM CULTURE SHOULD BE NOTIFIED IMMEDIATELY.
- CCTV INSPECTION TO BE PROVIDED FOLLOWING THE CONSTRUCTION FOR REVIEW AND RECORD. FLUSHING TO BE COMPLETED PRIOR TO POST CCTV INSPECTION.

REGIONAL DESIGN OF WATER &/OR WASTEWATER SERVICES APPROVED SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO THE REGIONAL STANDARDS & SPECIFICATIONS ARE MET, AND LOCAL APPROVAL FROM AREA MUNICIPALITY.

SIGNED: _____ DATED: _____
PLANNING AND POLICY

The Applicant should be aware that the approval of the water system on private property is the responsibility of the Local Municipality. Repairs, the Applicant must ensure that the Region of Halton's standards and specifications are met. (The Water & Wastewater liner design manual may be obtained thru the Date Management Group at 905-825-6032) Furthermore, all water quality tests must be completed to the Region of Halton's satisfaction, before the water supply can be turned on.

BENCHMARK:
EXISTING SITE TOPOGRAPHIC SURVEY INFORMATION IS NOT AVAILABLE AT THE TIME. BASE SITE CONDITION IS BASED ON THE GRADING PLAN COMPLETED FOR THE SUBDIVISION BY SCS CONSULTING GROUP LTD.

AVAILABLE SERVING INFORMATION TO SUPPORT THE SITE DEVELOPMENT IS BASED ON THE PLAN & PROFILE CREATE FOR SEAGER AVENUE WITHIN THE SUBDIVISION BY SCS CONSULTING GROUP LTD.



CONSULTANTS:

MGM CONSULTING INC.
Consulting Engineering & Project Management
555 Industrial Drive
Suite 201
Milton, Ontario
L7T 5E1
Tel: (905) 867-8678
Fax: (905) 879-1338
Email: mgm@mngm.on.ca
www.mngm.on.ca

CLIENT:

Strategy 4
Development, Consulting
Urban Transformation
Urban Design
Urban Works
2525 Brimley Court, Suite 100
Oakville, ON L6H 6Z7
Tel: (905) 829-2544

PROJECT:
**MILTON #13
PUBLIC ELEMENTARY SCHOOL**
1345 TRUDEAU DRIVE, MILTON, ON

DRAWING:
SITE SERVING PLAN

SITE PLAN FILE NO. SP-1925		
DRAWN BY: AA	CHECKED BY: CD	JOB CAPTAIN: JB
SCALE: 1:400	PROJECT NO.: 2024-008	SHEET NO.:
CURRENT ISSUE: 9	CURRENT REV.:	CV-2

February 26, 2026

Client: Hossack Architecture
105-1939 Ironoak Way
Oakville, ON L6H 3V8

RE: Milton #13 Elementary School
Milton, ON

Job #: 22382

Attn: Kevin Barlaan, Dip. Arch. Tech., B.S.Arch./Priscilla Ladouceur/Christine Stasevich

ADDENDUM 02

MECHANICAL

Item 1

1.0 Reference Drawing M101

- .1 In split air conditioning unit schedule, delete CU-2
- .2 In duct heater schedule, delete DH-1
- .3 In AHU schedule, add MUA-6 as follows:
 - "Type: NFPA MAKE UP AIR UNIT
 - Service: NFPA HOOD
 - Supply Air Fan Data:
 - Design Air Flow (CFM): 1150
 - Future Air Flow (CFM): 1150
 - ESP (in w.c.): 0.35
 - OA%: 100
 - Electrical:
 - Voltage: 575/3/60
 - MCA: 37.64
 - MOCP: 40
 - Heating:
 - Medium: ELECTRIC
 - Output Capacity: 27.5 kW
 - Acceptable Manufacturer: NEPTRONIC CMUCR16B

Item 2

2.0 Reference Drawing M102

- .1 In heat pump schedule, delete HP-6.1

Item 3

3.0 Reference Drawing M201

- .1 Revise sanitary invert to read "... APPROX. INV. EL. 190.47"



Item 4

- 4.0 Reference Drawing M401 and Attached Sketch ADD02-M01
- .1 On drawing M401, delete HP-6.1
 - .2 On drawing M401, delete DH-1
 - .3 On drawing M401, add MUA-6 as per attached sketch ADD02-M01

Item 5

- 5.0 Reference Drawing M601
- .1 On drawing M601, delete CU-2 and all associated components.

ELECTRICAL**Item 1**

- 1.0 Reference Specification Section 27 41 16 'Public Address System'
- .1 Item 1.1 to be revised as follows, all systems and associated costs must be included in tender price:
"The cost for this board selected sub-contractor to supply and install this system will be included in the electrical bid. The electrical contractor is to provide all power, raceways, and grounding as noted on the drawings and within these documents."

Item 2

- 2.0 Reference Attached Reissued Drawing E3.1
- .1 Wall heater within Stair A is to be relocated to angled wall to suit architectural changes.
 - .2 Wall added behind panel G and lighting control panel to maintain fire separation, shift devices as required.

Item 3

- 3.0 Reference Attached Reissued Drawing E3.3
- .1 Remove rooftop condensing unit CU-2 and adjacent rooftop maintenance receptacle to suit mechanical changes. Label existing breakers as spare.

Item 4

- 4.0 Reference Attached Reissued Drawing E4.1
- .1 Remove DH-1 within Kitchen 419. Revise breaker to 40A-3P breaker to feed new MUA-6.
 - .2 Provide power to new MUA-6 as per attached reissued drawing E4.1.
 - .3 Remove HP6.1 completely. Label existing breaker as spare.

Item 5

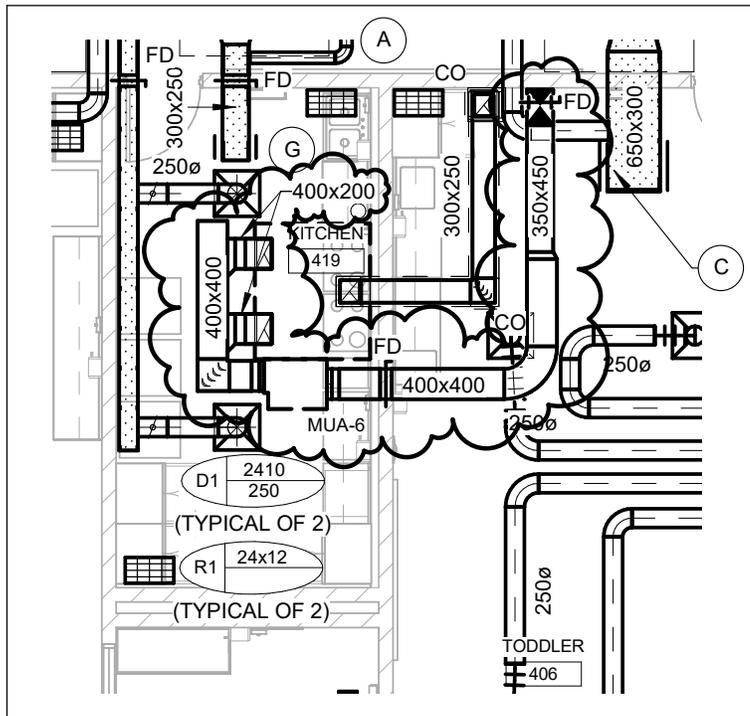
- 5.0 Reference Attached Reissued Drawing 8.2
- .1 Updated equipment wiring schedule to suit above changes.

Dustin McConkey, LEL

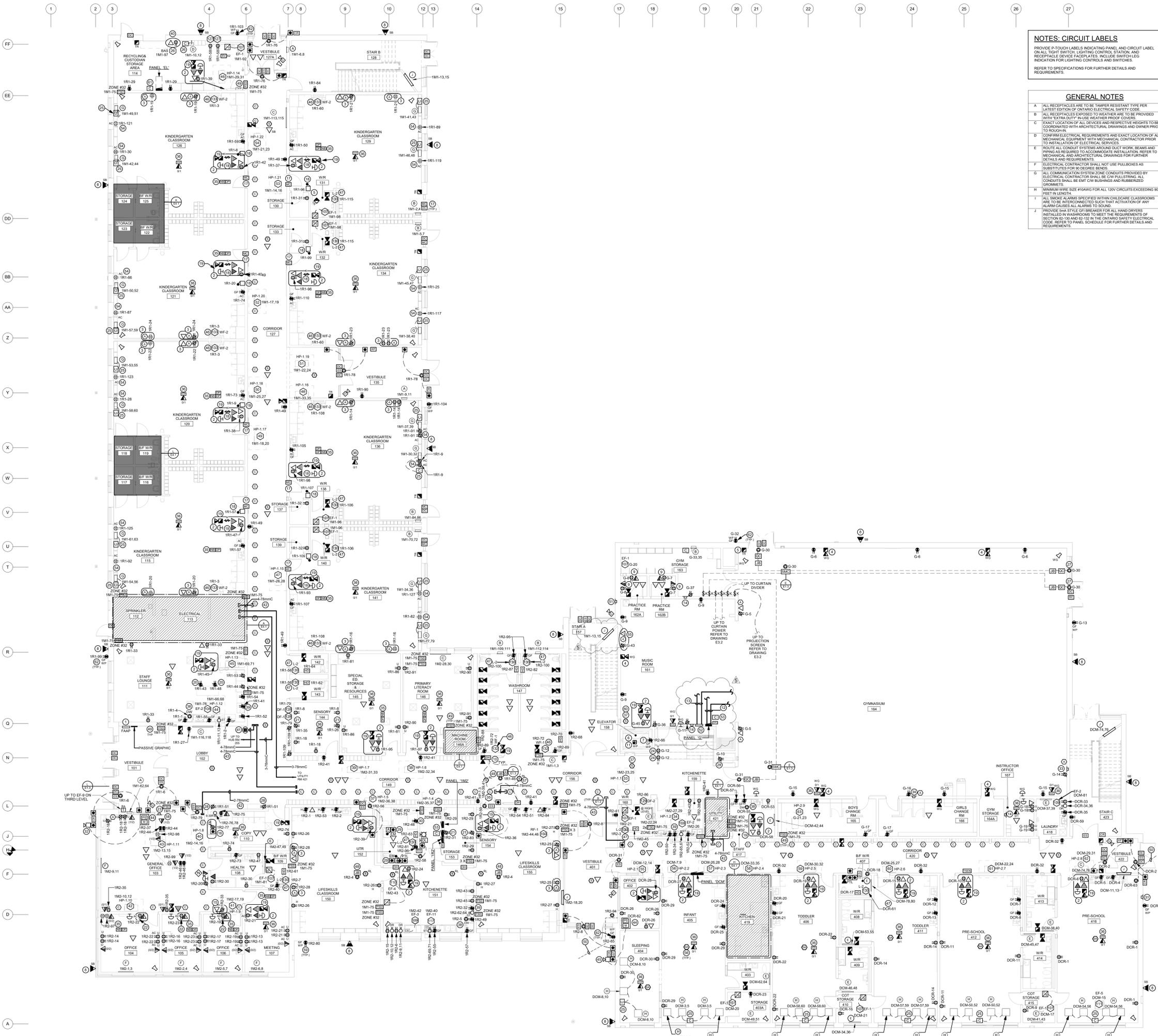
Partner

22382 Addendum 02 (M&E-Telecommunications, PA, & Security)(ADD02-M01)(various reissued dwgs) Feb 26 26
dm/kb/ct/ma





GROUND FLOOR PLAN - VENTILATION
 SCALE: 1 : 100



GROUND FLOOR POWER & SYSTEMS PLAN
SCALE: 1/100

SPECIFIC NOTES

- 1 INDICATES APPROXIMATE LOCATION OF FIRE ALARM ANNUNCIATOR PANEL C/W PASSIVE GRAPH
- 2 INDICATES RECEPTACLES TO BE MOUNTED IN PREFABRICATED PANEL REFER TO DETAIL NE.3
- 3 INDICATES RECEPTACLES FOR SMARTBOARD PROJECTOR AND TEACHER COMMAND CONSOLE REFER TO DETAIL DE.1 FOR FURTHER DETAILS AND REQUIREMENTS. EXACT MOUNTING HEIGHT FOR DEVICES TO BE COORDINATED WITH ARCHITECT PRIOR TO ROUGH-IN AND CONFIRMED TO ROUGH-IN. INDICATED RECEPTACLES FOR ARCHITECTURAL ELEVATORS. CONFIRM EXACT MOUNTING HEIGHTS AND LOCATIONS WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN
- 4 INDICATED HORNSTROBE DEVICE SHALL BE RATED AT 75 DECIBEL A COORDINATE REQUIREMENTS WITH MANUFACTURER
- 5 MOUNT INDICATED DEVICES IN BLOCK RECEDES REFER TO DETAIL PE.3
- 6 MOUNT HEAT DETECTOR OFF BACK WALL IN ELEVATOR PIT. PROVIDE PROTECTIVE CAGE
- 7 INDICATES RECEPTACLES TO BE MOUNTED IN ELEVATOR PIT. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT ON SITE WITH ELEVATOR CONTRACTOR PRIOR TO ROUGH-IN
- 8 MOUNT INDICATED DEVICE AT HEIGHT AS PER ARCHITECTURAL DRAWINGS
- 9 PROVIDE ELECTRICAL BOX EXTENDERS AS REQUIRED FOR DEVICES INDICATED TO BE MOUNTED FROM ACoustic INSULATION COORDINATE REQUIREMENTS WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN
- 10 INDICATES MAGNETIC HOLD OPEN DEVICE PROVIDED AS PART OF SIGNAL FROM FIRE ALARM SYSTEM PER DETAIL. FIRE ALARM RISER SHALL BE PROVIDED TO COORDINATE EXACT LOCATION OF HOLD OPEN DEVICE WITH ARCHITECT TO SUIT DOOR SWITCH. PROVIDE MOUNTING BRACKET AS REQUIRED
- 11 PROVIDE PROGRAMMING TO INITIATE ELEVATOR RECALL SEQUENCE WHEN ELEVATOR PIT HEAT DETECTOR IS ACTIVATED. PROVIDE REQUIRED COMPONENTS AND WIRING ACCESSORIES TO ELEVATOR CONTRACTOR
- 12 PROVIDE TWO (2) 27WVC CARPETS AT CEILING SPACE CAPPED IN JUNCTION BOX. PROVIDE BRIDGE AND WIRING TO RELEASE SIGNAL TO ROUGH-IN. REFER TO DRAWING E3.2 FOR FURTHER DETAILS
- 13 PROVIDE TWO (2) 27WVC CARPETS AT LOCATION OF DVI STAGE LIGHTING CONTROL PANEL TO CEILING SPACE TERMINATED BY LIGHTING. COORDINATE REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN. REFER TO DRAWING E3.3 FOR FURTHER DETAILS
- 14 INDICATES ROUGH-IN FOR STAGE SOUND SYSTEM PATCH PANEL. PROVIDE TWO (2) 27WVC CARPETS AT LOCATION OF STAGE LIGHTING CONTROL PANEL TO CEILING SPACE TERMINATED BY LIGHTING. COORDINATE REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN. REFER TO DRAWING E3.3 FOR FURTHER DETAILS
- 15 INDICATES DEVICES REQUIRED FOR PA BROADCAST CENTER. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH OWNER PRIOR TO ROUGH-IN
- 16 INDICATES DEVICES REQUIRED FOR PULL DOWN DOWN COMMUNICATION CONTROL. CONFIRM EXACT LOCATION AND MOUNTING HEIGHT WITH OWNER PRIOR TO ROUGH-IN
- 17 PROVIDE FLUSH MOUNTED MOMENTARY CONTACT INTERLOCK SWITCH AND ALARM BELL FOR RESPECTIVE ROOM/AREA C/W ASSOCIATED RIBBON SWITCH
- 18 PROVIDE DOOR BUZZER SYSTEM (EDWARDS #3405, 24VAC C/W BYPASS (OVERRIDE) SWITCH LOCATED IN CONTROL PANEL OR AS SHOWN ON DOOR PLANS. BUZZER SHALL SOUND WHEN ONE OF THE DOORS IS OPENED.
- 19 INDICATED HORN TO BE SET TO LOW BEEP SETTINGS
- 20 ROUTE SERVICE FOR ISLAND RECEPTACLE INDICATED VIA SLAB
- 21 MOUNT RECEPTACLE INDICATED AT 300mm BELOW FINISHED CEILING FOR OVERHEAD LIGHT. COORDINATE EXACT LOCATION ON SITE WITH OWNER PRIOR TO ROUGH-IN
- 22 MOUNT DEVICE INDICATED AT 1200mm AFF FOR TELEPHONE HANDSET. CONFIRM EXACT MOUNTING HEIGHT ON SITE WITH OWNER PRIOR TO ROUGH-IN
- 23 INDICATES APPROXIMATE LOCATION OF VIDEO SURVEILLANCE MOUNTING TO BE SUPPLIED BY OWNER AND INSTALLED BY ELECTRICAL CONTRACTOR AT 300mm BELOW FINISHED CEILING. PROVIDE SINGLE GANG GANG BOX 100mm AFF. C/W 15WVC TO VIDEO SURVEILLANCE RECORDING UNIT IN HUB RM 205 ON 2ND FLOOR
- 24 INDICATES RECEPTACLE TO BE MOUNTED IN VERTICAL PORTION OF CEILING FOR OVERHEAD LIGHT. COORDINATE EXACT LOCATION ON SITE WITH OWNER PRIOR TO ROUGH-IN
- 25 PROVIDE 15A-3P CONDUCTOR C/W H.S.A. PILOT LIGHT. PROVIDE 15A-3P CONDUCTOR FOR CONNECTION TO BAS SYSTEM BY BAS CONTRACTOR. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECT. REFER TO LIGHTING CONTROL DETAILS
- 26 PROVIDE 200V 20A RECEPTACLE FOR OWNER SUPPLIED MICROWAVE. COORDINATE EXACT LOCATION WITH ARCHITECTURAL MILLWORK DRAWINGS PRIOR TO ROUGH-IN
- 27 PROVIDE 120V POWER FOR SHADE MOTOR CONTROLLER (SMC) #1840 AND 120V 15A-3P CONDUCTOR C/W H.S.A. PILOT LIGHT. PROVIDE ALL WIRING AND INTER CONNECTIONS BETWEEN SMC AND SHADE MOTOR. COORDINATE EXACT LOCATION OF SHADE EQUIPMENT ON SITE WITH SHADE SUPPLIER PRIOR TO INSTALLATION
- 28 INDICATES RECEPTACLE TO BE MOUNTED WITH MILLWORK OF DISPLAY CASE. COORDINATE INSTALLATION REQUIREMENTS WITH ARCHITECT. REFER TO DETAIL E3.1 FOR FURTHER DETAILS
- 29 PROVIDE PA EMERGENCY CALL BUTTON AS PART OF UNIVERSAL WASHINGTON CONNECTION. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECT. REFER TO LIGHTING CONTROL DETAILS
- 30 PROVIDE 200V 20A RECEPTACLE FOR POWERED ADJUSTABLE DRESSING TABLE. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT ON SITE PRIOR TO ROUGH-IN
- 31 INDICATES ROUGH-IN FOR FUTURE ACCESS CONTROLS SYSTEM DEVICE. ROUGH-IN AS SINGLE GANG BOX 100mm AFF. C/W 15WVC TO NEAREST ACCESSIBLE CEILING SPACE. PROVIDE 15mm FROM NEAREST ELECTRIC STRIKE ROUGH-IN TO SAME ACCESSIBLE CEILING SPACE LOCATION
- 32 PROVIDE 3mm² CONDUIT AND ROUGH-IN FOR EXTERIOR INTERCOM STATION (PROVIDED BY SECURITY CONTRACTOR) GOING BACK TO THE MAIN MONITORING STATION LOCATED IN OFFICE 402. CONFIRM EXACT LOCATION AND REQUIREMENTS WITH SECURITY CONTRACTOR PRIOR TO ROUGH-IN
- 33 PROVIDE 3-GANG SQUARE SACKBOX AND ROUGH-IN FOR FUTURE SCREENDOWN CONTROL. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN
- 34 INDICATES DEVICES TO BE INSTALLED FOR CEILING MOUNTED PROJECTOR. COORDINATE EXACT LOCATION TO MOUNTED DEVICES ON SITE WITH OWNER
- 35 INDICATES DIGITAL PLUG LOAD CONTROLLER RELAY PACK AND ASSOCIATED NETWORK BRIDGE WITHIN ACCESSIBLE CEILING SPACE FOR CONTROL OF NOTED AUTOMATICALLY CONTROLLED RECEPTACLES. REFER TO LIGHTING CONTROL DETAILS
- 36 INDICATES WIRELESS ACCESS POINT. PROVIDE 3mm² CONDUIT TO CORRIDOR CEILING SPACE FOR COMMUNICATIONS CONTRACTOR USE
- 37 PROVIDE PROGRAMMING TO INITIATE ELEVATOR RECALL SEQUENCE WHEN ELEVATOR LOBBY SMOKE DETECTOR IS ACTIVATED. PROVIDE REQUIRED COMPONENTS, WIRING ACCESSORIES TO ELEVATOR CONTRACTOR
- 38 PROVIDE 120V 15A HARDWARE CONNECTION CAPPED IN JUNCTION BOX FOR FUTURE OWNER SUPPLIED DISHWASHER. COORDINATE EXACT LOCATION WITH ARCHITECTURAL MILLWORK DRAWINGS PRIOR TO ROUGH-IN
- 39 PROVIDE 120V 20A RECEPTACLE FOR OWNER SUPPLIED MICROWAVE. COORDINATE EXACT LOCATION WITH ARCHITECTURAL MILLWORK DRAWINGS PRIOR TO ROUGH-IN
- 40 PROVIDE RECEPTACLE AND DATA OUTLET FOR BASE PANEL. COORDINATE EXACT LOCATION ON SITE WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN
- 41 INDICATES APPROXIMATE LOCATION TO PROVIDE 4mm² CONDUIT SLEEVES FROM 1ST FLOOR CABLE MANAGEMENT SYSTEM UP TO HUB ROOM 205 TO BE PROVIDED BY COMMUNICATIONS CONTRACTOR
- 42 INDICATES ZONE CONDUITS TO BE PROVIDED BY ELECTRICAL CONTRACTOR FROM HUB ROOM 205 TO CABLE MANAGEMENT SYSTEM FOR COMMUNICATION AND/OR SECURITY CONTRACTORS USE
- 43 INDICATES ZONE CONDUITS TO BE PROVIDED FOR BETWEEN SECTIONS OF CABLE MANAGEMENT HANGERS FOR COMMUNICATION AND/OR SECURITY CONTRACTORS USE
- 44 INDICATES INTERCOM MONITORING STATION C/W ASSOCIATED POWER SUPPLY TO BE PROVIDED BY SECURITY CONTRACTOR. PROVIDE 15A-3P CONDUCTOR FOR MONITORING STATION C/W 3mm² CONDUIT TO EXTERIOR INTERCOM STATION AND ASSOCIATED VESTIBULE ENTRANCE DOOR ELECTRIC STRIKE. CONFIRM EXACT LOCATION AND REQUIREMENTS WITH SECURITY CONTRACTOR PRIOR TO ROUGH-IN
- 45 PROVIDE 3mm² CONDUIT AND ROUGH-IN FOR EXTERIOR INTERCOM STATION (PROVIDED BY SECURITY CONTRACTOR) GOING BACK TO THE MAIN MONITORING STATION LOCATED IN OFFICE 402. CONFIRM EXACT LOCATION AND REQUIREMENTS WITH SECURITY CONTRACTOR PRIOR TO ROUGH-IN
- 46 PROVIDE 120V CONNECTION TO WASH FOUNTAIN. COORDINATE REQUIREMENTS WITH MECHANICAL CONTRACTOR AND PLUMBING SHOP DRAWINGS PRIOR TO ROUGH-IN
- 47 PROVIDE 120V CONNECTION TO LAUNDRY SINK. COORDINATE REQUIREMENTS WITH MECHANICAL CONTRACTOR AND PLUMBING SHOP DRAWINGS PRIOR TO ROUGH-IN
- 48 PROVIDE 120V HARDWIRED POWER CONNECTION C/W JUNCTION BOX AND BTT DOWN TRANSFORMER (120V/240V) ABOVE ACCESSIBLE CEILING SPACE FOR MAGNETIC DOOR HOLD OPEN DEVICES. REFER TO DETAIL E3.1 FOR FURTHER DETAILS AND REQUIREMENTS
- 49 PROVIDE 120V POWER AND FIRE ALARM CONNECTIONS TO SMOKE DAMPER WITH INTEGRAL SMOKE DETECTOR WITH MECHANICAL CONTRACTOR. SMOKE RISER DAMPER AND ASSOCIATED WIRING SHALL BE PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR. PROVIDE ONE DUAL CIRCUIT INFLUENT MONITORING MODULE PER SMOKE RISER DAMPER ONE TO SUPERVISE 120V POWER SUPPLY CONNECTION TO THE DAMPER ACTUATOR AND ONE FOR INTEGRAL SMOKE DETECTOR ALARM SIGNAL
- 50 INDICATES MECHANICAL PIPING TO HEAT TRACED BY MECHANICAL CONTRACTOR SHOWN FOR REFERENCE PURPOSES ONLY. ELECTRICAL CONTRACTOR SHALL PROVIDE ONE (1) CIRCUIT C/W GFI PROTECTED BREAKER (20A) FOR MECHANICAL PIPING HEAT TRACING. COORDINATE EXACT LOCATION TO PROVIDE POWER CONNECTIONS AND ALL OTHER REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO DRAINING OUT SCOPE OF WORK
- 51 PROVIDE SINGLE GANG BOX 100mm AFF. C/W 15WVC TO NEAREST ACCESSIBLE CEILING SPACE FOR FUTURE ACCESS CONTROLS SYSTEM. PROVIDE 15mm FROM NEAREST ELECTRIC STRIKE ROUGH-IN TO ACCESSIBLE CEILING SPACE
- 52 PROVIDE 120V HARDWIRED POWER CONNECTION TO THEATRE LIGHTING CONTROL PANEL. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN
- 53 PROVIDE 120V MULTIPLE CIRCUITORS FOR CONTROL OF THEATRE LIGHTING CONTROL PANEL. PROVIDE A SET OF OUTPUT CONTACTS FOR CONNECTION TO BAS SYSTEM. COORDINATE DETAILS AND REQUIREMENTS WITH BAS CONTRACTOR. REFER TO DISTRIBUTION RISER DIAGRAM FOR FURTHER DETAILS
- 54 PROVIDE RECEPTACLES TO BE INSTALLED ABOVE MILLWORK CENTERED BETWEEN WINDOWS. COORDINATE HEIGHTS OF MILLWORK WITH GENERAL CONTRACTOR
- 55 INDICATES DEVICES TO BE INSTALLED FOR SHORT THROW INTERCOM. COORDINATE EXACT LOCATION TO MOUNTED DEVICES ON SITE WITH OWNER
- 56 PROVIDE CHILD CARE RAMP ALARMS ARE TO BE CONNECTED TO THE UNWITNESSED SIDE OF LOCAL LIGHTING CIRCUIT. ALL SAME ALARMS ARE TO BE INTERCONNECTED. FIRE ALARM
- 57 INDICATED DETECTOR C/W RELAY BASE FOR RELEASE OF DETECTOR FROM C/W RELAY BASE. SMOKE DETECTOR LOCATED WITHIN 1.5m AND CENTRE (ON DOOR) BEING HELD OPEN WHEN INDICATED DEVICE IS ALARM. THE ASSOCIATED RELAY IN THE DEVICE BASE IS TO CLOSE AND CAUSE ASSOCIATED DOOR HOLDS TO RELEASE. THROUGH PROGRAMMING, WHEN INDICATED DEVICE IS HELD OPEN, THE ASSOCIATED RELAY FROM THE FIRE ALARM PANEL REFER TO DETAIL E3.1 SHALL CAUSE DOOR HOLDS TO RELEASE
- 58 ALL WORKSTATION POWER DATA ROUGH-IN SHALL BE RUN IN THE WALL AND DIRECTLY INTO THE MILLWORK AT NO SURFACE RISER. COORDINATE EXACT LOCATION WITH MILLWORK
- 59 PROVIDE T-SLOT GROUNDING FAULT RECEPTACLE COMPLETE WITH HEAVY DUTY "H" RIBBER WEATHER PROOF RECEPTACLE COVER CIRCUIT TO BE CONTROLLED BY REMOTE INTERIOR SWITCH C/W FAULT CURRENT LOCATION SIGNALING CONTRACTOR TO PROVIDE RECEPTACLE MOUNTING HEIGHT TO BE 15" AFF
- 60 INDICATED SMOKE DETECTOR TO BE INSTALLED ON WALL ABOVE DOOR OR CORRIDOR WITH 6" OF THE TOP OF THE ELEVATOR RECEPTACLE DETECTOR TO BE 15" AFF
- 61 PROVIDE 120V 20A MULTIPLE CIRCUITORS FOR CONTROL OF EXTERIOR LIGHTING. PROVIDE A SET OF OUTPUT CONTACTS FOR CONNECTION TO BAS SYSTEM. COORDINATE DETAILS AND REQUIREMENTS WITH BAS CONTRACTOR. REFER TO DISTRIBUTION RISER DIAGRAM FOR FURTHER DETAILS
- 62 INDICATES EXTERIOR RECEPTACLE TO BE MOUNTED AT STANDARD OUTLET HEIGHT AS PER SPECIFICATIONS

NOTES: CIRCUIT LABELS

- PROVIDE TOUCH LABELS INDICATING PANEL AND CIRCUIT LABEL ON ALL TIGHT SWITCH, LIGHTING CONTROL, STATION, AND RECEPTACLE DEVICE FACELATES. INCLUDE SWITCH LOG INDICATION FOR LIGHTING CONTROLS AND SWITCHES. REFER TO SPECIFICATIONS FOR FURTHER DETAILS AND REQUIREMENTS.

GENERAL NOTES

- A ALL RECEPTACLES ARE TO BE TAMPER RESISTANT TYPE PER LATEST EDITION OF ONTARIO ELECTRICAL SAFETY CODE
- B ALL RECEPTACLES EXPOSED TO WEATHER ARE TO BE PROVIDED WITH EXTRA DUTY "H" RIBBER WEATHER PROOF COVERS
- C EXACT LOCATION OF ALL DEVICES, AND REFLECTIVE HEIGHTS TO BE COORDINATED WITH ARCHITECTURAL DRAWINGS AND OWNER PRIOR TO ROUGH-IN
- D CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION OF ELECTRICAL SERVICES
- E ROUTE ALL CONDUIT SYSTEMS AROUND EXIST WORK, BEAMS AND PIPING AS REQUIRED TO ACCOMMODATE INSTALLATION. REFER TO MECHANICAL AND ARCHITECTURAL DRAWINGS FOR FURTHER DETAILS AND REQUIREMENTS
- F ELECTRICAL CONTRACTOR SHALL NOT USE PULLBOXES AS SUBSTITUTES FOR 90 DEGREE BENDS
- G ALL COMMUNICATION SYSTEM ZONE CONDUITS PROVIDED BY ELECTRICAL CONTRACTOR SHALL BE C/W PULLSTRING. ALL CONDUITS SHALL BE EMT C/W BUSHINGS AND RUBBERIZED GROMMETS
- H MINIMUM WIRE SIZE #10AWG FOR ALL 120V CIRCUITS EXCEEDING 90 FEET LENGTH
- I ALL SMOKE ALARMS SPECIFIED WITHIN CHILD CARE CLASSROOMS ARE TO BE INTERCONNECTED SUCH THAT ACTIVATION OF ANY ALARM CAUSES ALL ALARMS TO SOUND
- J PROVIDE 20A STYLE GFI BREAKER FOR ALL HAND DRYERS INSTALLED IN WASHROOMS TO MEET THE REQUIREMENTS OF SECTION 62.10 AND 62.12 IN THE ONTARIO SAFETY ELECTRICAL CODE. REFER TO PANEL SCHEDULE FOR FURTHER DETAILS AND REQUIREMENTS



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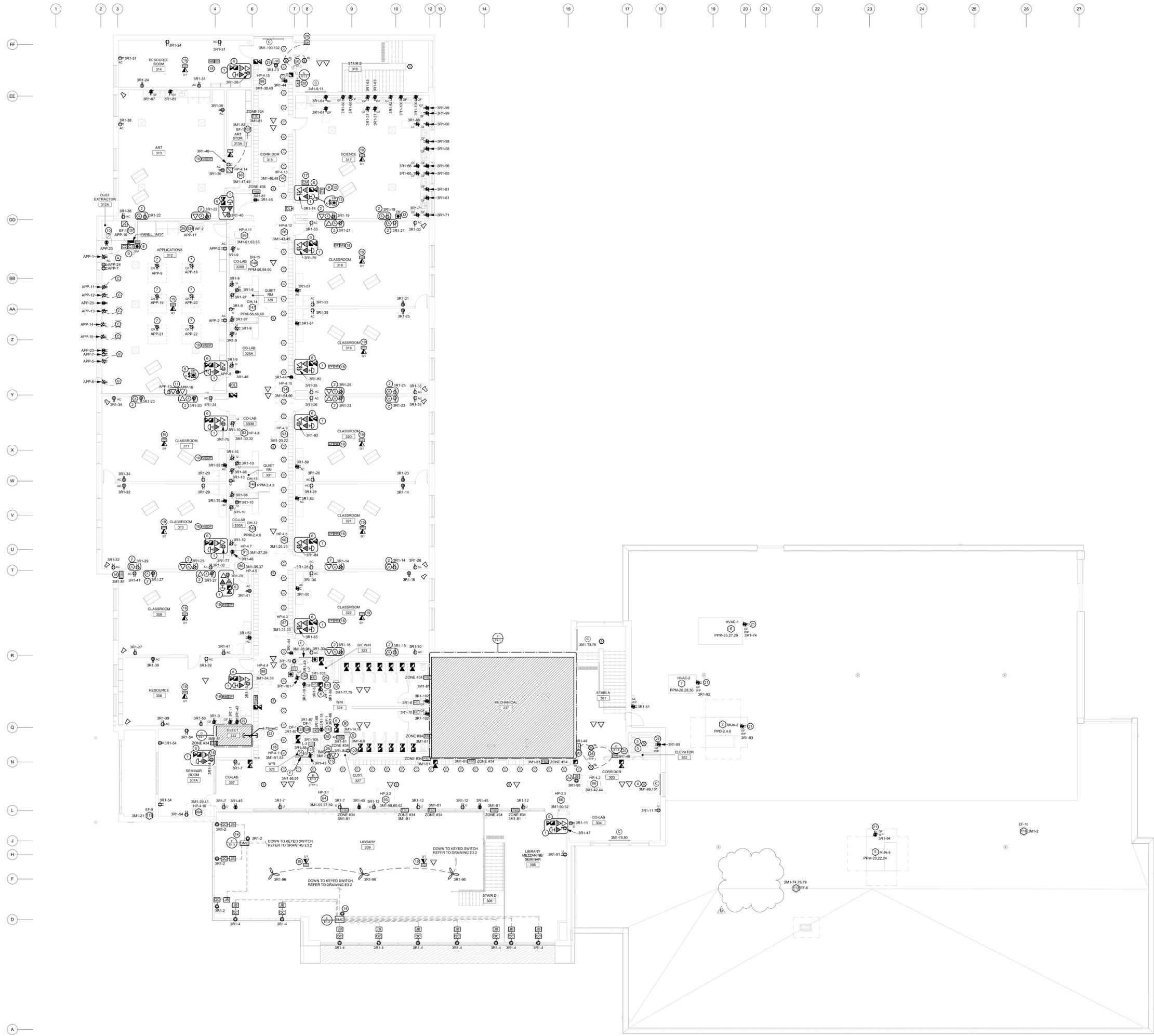
GROUND FLOOR POWER & SYSTEMS PLAN

HOSSACK & ASSOCIATES ARCHITECTS

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Tel: (905) 335-3683
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DEI Consulting Engineers
MECHANICAL ELECTRICAL AQUATIC

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- ### GENERAL NOTES
- A ALL RECEPTACLES ARE TO BE TAMPER RESISTANT TYPE PER LATEST EDITION OF ONTARIO ELECTRICAL SAFETY CODE.
 - B ALL RECEPTACLES EXPOSED TO WEATHER ARE TO BE PROVIDED WITH EXTRA DUTY IN-USE WEATHER PROOF COVERS.
 - C EXACT LOCATION OF ALL DEVICES AND RESPECTIVE HEIGHTS TO BE COORDINATED WITH ARCHITECTURAL DRAWINGS AND OWNER PRIOR TO ROUGH-IN.
 - D CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION OF ELECTRICAL SERVICES.
 - E ROUTE ALL CONDUIT SYSTEMS AROUND DUCT WORK, BEAMS AND PIPING AS REQUIRED TO ACCOMMODATE INSTALLATION. REFER TO MECHANICAL AND ARCHITECTURAL DRAWINGS FOR FURTHER DETAILS AND REQUIREMENTS.
 - F ELECTRICAL CONTRACTOR SHALL NOT USE FIBROUSES AS SUBSTITUTES FOR 90 DEGREE BENDS.
 - G ALL COMMUNICATION SYSTEM ZONE CONDUITS PROVIDED BY ELECTRICAL CONTRACTOR SHALL BE C/W PULLSTRING. ALL CONDUITS SHALL BE ENT C/W BUSHINGS AND NUMBERED/GROMMETED.
 - H MINIMUM WIRE SIZE #16AWG FOR ALL 120V CIRCUITS EXCEEDING 90 FEET IN LENGTH.
 - I ALL SMOKE ALARMS SPECIFIED WITH CHILD CARE CLASSROOMS ARE TO BE INTERCONNECTED SUCH THAT ACTIVATION OF ANY ALARM CAUSES ALL ALARMS TO SOUND.
 - J PROVIDE 5/8" STYLE OF BREAKER FOR ALL HAND DRIVERS INSTALLED IN WAREHOUSES TO MEET THE REQUIREMENTS OF SECTION 62.10 AND 62.12 IN THE ONTARIO SAFETY ELECTRICAL CODE. REFER TO PANEL SCHEDULE FOR FURTHER DETAILS AND REQUIREMENTS.

- ### SPECIFIC NOTES
- 1 INDICATED DEVICES TO BE MOUNTED IN PREFABRICATED PANEL. REFER TO DETAIL N.E.3.
 - 2 INDICATES DEVICES FOR SMARTBOARD PROJECTOR AND TEACHER COMMAND CONSOLE. REFER TO DETAIL N.E.3 FOR FURTHER DETAILS AND REQUIREMENTS. EXACT MOUNTING HEIGHT FOR DEVICES TO BE COORDINATED WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN. INDICATED DEVICES FOR SMARTBOARD PROJECTOR SHALL BE COORDINATED WITH ARCHITECTURAL ELEVATIONS. CONFIRM EXACT MOUNTING HEIGHTS AND LOCATIONS WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN. PROVIDE REQUIRED COMPONENTS AND WIRING ACCESSORIES TO ELEVATOR CONTROLLER.
 - 3 PROVIDE PROGRAMMING TO INITIATE ELEVATOR RECALL SEQUENCE WHEN ELEVATOR SHUTTLE DETECTOR IS ACTIVATED. PROVIDE REQUIRED COMPONENTS AND WIRING ACCESSORIES TO ELEVATOR CONTROLLER.
 - 4 PROVIDE PROGRAMMING TO INITIATE ELEVATOR RECALL SEQUENCE WHEN ELEVATOR MACHINE ROOM SMOKE DETECTOR IS ACTIVATED. PROVIDE REQUIRED COMPONENTS, WIRING ACCESSORIES TO ELEVATOR CONTROLLER.
 - 5 MOUNT INDICATED SMOKE DETECTOR AT THE TOP OF ELEVATOR SHUTTLE.
 - 6 INDICATED HORN TO BE SET TO LOW DB SETTING.
 - 7 REFER TO DETAIL N.E.3 FOR RECEPTACLE ASSEMBLY INSTALLATION REQUIREMENTS.
 - 8 REFER TO DETAIL N.E.3 FOR EMERGENCY STOP CONTROL REQUIREMENTS FOR TECH ROOM PANEL.
 - 9 MOUNT CONTACTORS INDICATED ON WALL ABOVE PANEL.
 - 10 INDICATES STARTER PROVIDED BY MECHANICAL CONTRACTOR FOR CONTROL OF DUST EXTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE AN ADDITIONAL SET OF DRY CONTACTS WITH STARTER. ON LOW VOLTAGE WIRING FOR CONNECTION TO EMERGENCY STOP CONTROL SYSTEM AND ASSOCIATED CONTROLS.
 - 11 INDICATES DEVICES FOR FUTURE COMPUTER WORKSTATIONS TO BE PROVIDED BY OWNER. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
 - 12 INITIAL INDICATED DEVICES FLUSH MOUNTED IN CONTROL PANEL ACCORDANT TO THE SCHEDULE.
 - 13 REFER TO DETAIL N.E.3 FOR EMERGENCY CONTROL FOR SCIENCE ROOM PANEL.
 - 14 PROVIDE 120V POWER FOR SHADE MOTOR CONTROLLER (SMC) SUPPLY AND IN TWO INCH SPACES BY SHADE SUPPLIER. PROVIDE ALL WIRING AND INTER CONNECTIONS BETWEEN LV SHADE CONTROL SWITCH BOX AND SHADE CONNECT C/W PULLSTRING. QUICK CONNECT REFER TO DETAIL N.E.3 FOR FURTHER DETAILS. COORDINATE EXACT LOCATION OF SHADE EQUIPMENT ON SITE WITH SHADE SUPPLIER PRIOR TO INSTALLATION.
 - 15 PROVIDE RECEPTACLE AND DATA OUTLET FOR BAS PANEL. COORDINATE EXACT LOCATION ON SITE WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
 - 16 PROVIDE 120V POWER AND FIRE ALARM CONNECTIONS TO SMOKEFIRE DAMPER WITH INTEGRAL SMOKE DETECTOR. COORDINATE EXACT LOCATION/CONNECTION REQUIREMENTS WITH MECHANICAL CONTRACTOR. SMOKEFIRE DAMPER AND ASSOCIATED INTEGRAL SMOKE DETECTOR TO BE PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR. PROVIDE ONE EMERGENCY CIRCUIT MONITORING MODULE PER SMOKEFIRE DAMPER. ONE TO SUPPLY 120V POWER SUPPLY CONNECTION TO THE DAMPER ACTUATOR AND ONE FOR INTEGRAL SMOKE DETECTOR ALARM SIGNAL.
 - 17 INDICATES FIRE ALARM SHUTDOWN CONNECTION AT SCIENCE ROOM GAS SOLUOID. REFER TO FIRE ALARM DISTRIBUTION RISER FOR FURTHER DETAILS.
 - 18 INDICATED DIGITAL FLUX LOAD CONTROLLER RELAY PACK AND INDICATED NETWORK BRIDGE WITHIN ACCESSIBLE CEILING SPACE FOR CONTROL OF NOTED AUTOMATICALLY CONTROLLED RECEPTACLES. REFER TO LIGHTING CONTROL DETAILS.
 - 19 INDICATES WIRELESS ACCESS POINT. PROVIDE 2#CMC TO CORRIDOR CEILING SPACE FOR COMMUNICATIONS CONTRACTOR USE.
 - 20 INDICATES MAGNETIC HOLD OPEN DEVICE PROVIDED AS PART OF THIS SCOPE OF WORK. HOLD OPEN DEVICE TO RELEASE UPON SIGNAL FROM FIRE ALARM SYSTEM PER DETAIL. FIRE ALARM RISER DIAGRAM AND SPECIFICATIONS. COORDINATE EXACT LOCATION OF HOLD OPEN DEVICE WITH ARCHITECT. 12.5" SHUT DOOR SWITCH. PROVIDE MOUNTING BRACKET AS REQUIRED.
 - 21 PROVIDE T-SLOT GROUND FAULT RECEPTACLE COMPLETE WITH 'HEAVY DUTY IN-USE' WEATHER PROOF COVER. COORDINATE ALIGNMENT WITH MECHANICAL CONTRACTOR. INDICATED DEVICE IS TO BE MOUNTED 18" ABOVE FINISHED FLOOR LEVEL.
 - 22 PROVIDE 120V 25A RECEPTACLE FOR OWNER SUPPLIED MIDDRAW. COORDINATE EXACT LOCATION WITH ARCHITECTURAL MIDDRAW DRAWINGS PRIOR TO ROUGH-IN.
 - 23 INDICATES ZONE CONDUITS TO BE PROVIDED BY ELECTRICAL CONTRACTOR FROM ROOM SHOWN TO CABLE MANAGEMENT SYSTEM FOR COMMUNICATION AND/OR SECURITY CONTRACTORS USE.
 - 24 PROVIDE 120V HORNPOWER CONNECTION C/W JUNCTION BOX AND STEP DOWN TRANSFORMER (20/240V ABOVE). ACCESSIBLE CEILING SPACE FOR MAGNETIC HOLD OPEN DEVICES. REFER TO DETAIL N.E.3 AND TO SPECIFICATIONS FOR FURTHER DETAILS AND REQUIREMENTS.
 - 25 PROVIDE 120V CONNECTION TO WASH FOUNTAIN. COORDINATE REQUIREMENTS WITH MECHANICAL CONTRACTOR AND PLUMBING SHOP DRAWINGS PRIOR TO ROUGH-IN.
 - 26 PROVIDE 120V CONNECTION TO LAVATORY SINK. COORDINATE REQUIREMENTS WITH MECHANICAL CONTRACTOR AND PLUMBING SHOP DRAWINGS PRIOR TO ROUGH-IN.
 - 27 INDICATES RECEPTACLE TO BE MOUNTED AT TOP OF ELEVATOR SHUTTLE. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT ON SITE WITH ELEVATOR CONTRACTOR PRIOR TO ROUGH-IN.
 - 28 INDICATED DETECTOR C/W RELAY BASE FOR RELEASE OF ELECTROMAGNETIC LOCK HOLDERS AS SHOWN LOCATE DETECTOR WITHIN 2" AND CENTER LOCATE AS BEING HELD OPEN. WHEN INDICATED DEVICE IS IN ALARM, THE ASSOCIATED RELAY IN THE DEVICE BASE IS TO CAUSE ASSOCIATED DOOR HLDG TO RELEASE THROUGH PROGRAMMING. WHEN INDICATED DEVICE IS IN ALARM, THE ASSOCIATED RELAY FROM THE FIRE ALARM PANEL ON GENERAL ALARM SHALL CAUSE DOOR HLDG TO RELEASE. REFER TO DETAIL.

EQUIPMENT SCHEDULE (TECH....)

ITEM	DESCRIPTION	RECEPTACLE	WIRING/REMARKS
A	BELT SANDER	15A 120V 1P	2812 T90 CU IN 18mmC
B	DRILL PRESS	15A 120V 1P	2812 T90 CU IN 18mmC
C	SCROLL SAW	15A 120V 1P	2812 T90 CU IN 18mmC

NOTES: CIRCUIT LABELS

PROVIDE IN-TOUCH LABELS INDICATING PANEL AND CIRCUIT LABEL ON ALL LIGHT SWITCHES, LIGHTING CONTROL STATION, AND RECEPTACLE DEVICES. LABELS INCLUDE SWITCH LEG INDICATION FOR LIGHTING CONTROLS AND SWITCHES.

REFER TO SPECIFICATIONS FOR FURTHER DETAILS AND REQUIREMENTS.



MILTON #13 PUBLIC SCHOOL
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PART OF LOT 6, CONCESSION 5
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**THIRD FLOOR
POWER & SYSTEMS
PLAN**

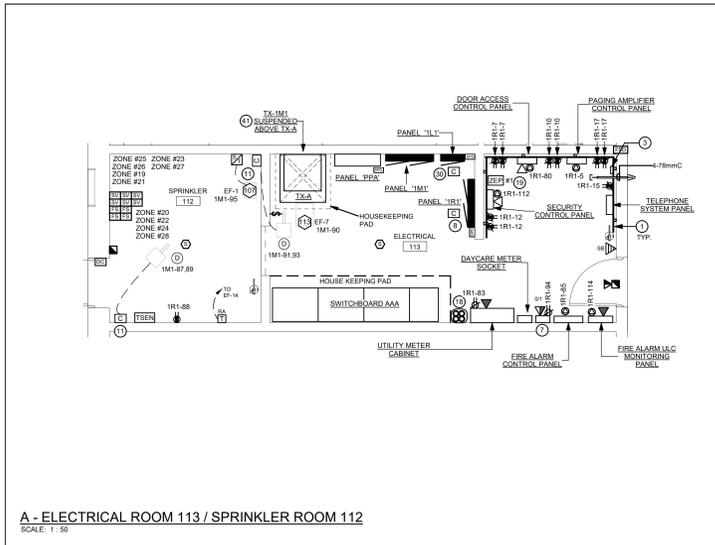
**HOSSACK
& ASSOCIATES
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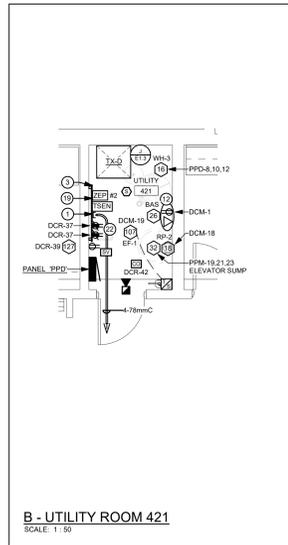
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Consulting Engineers Inc.

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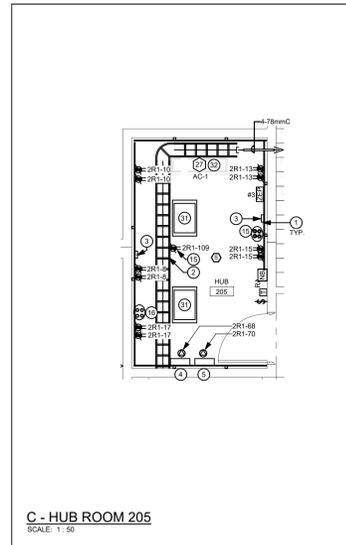
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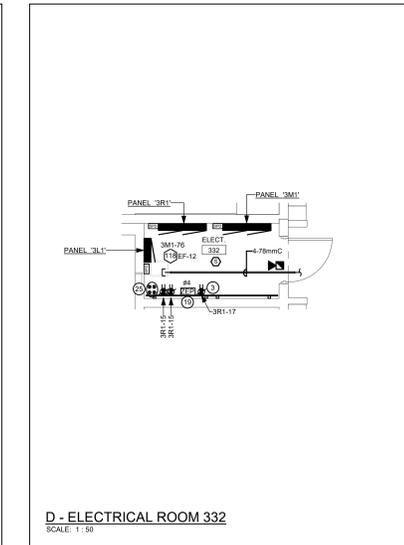
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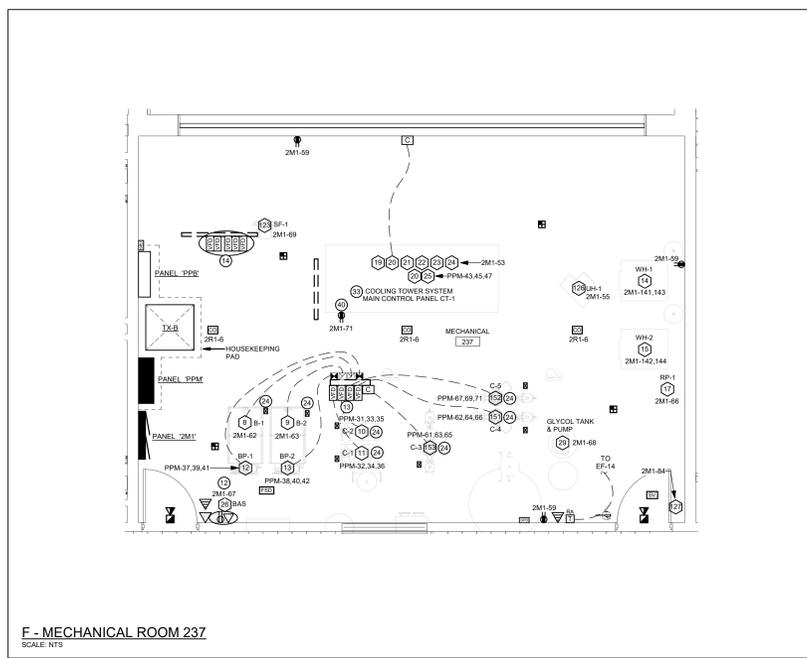
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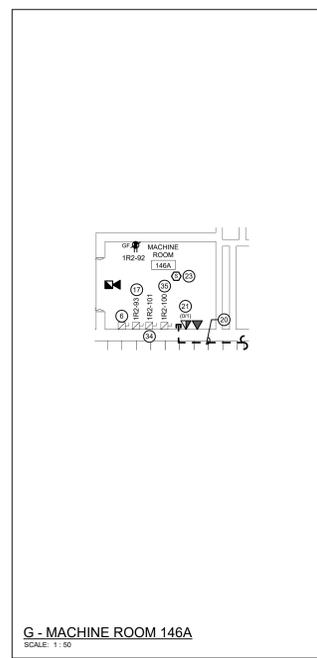
C - HUB ROOM 205
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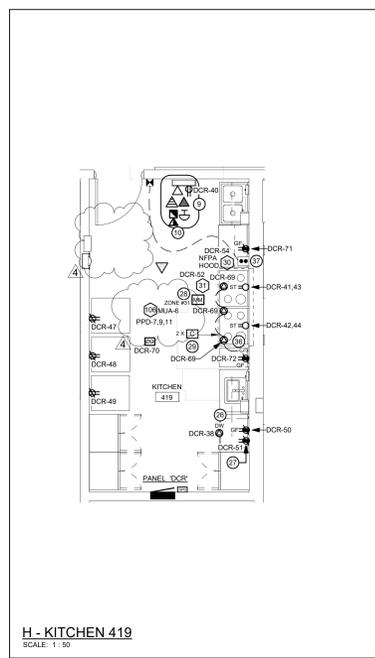
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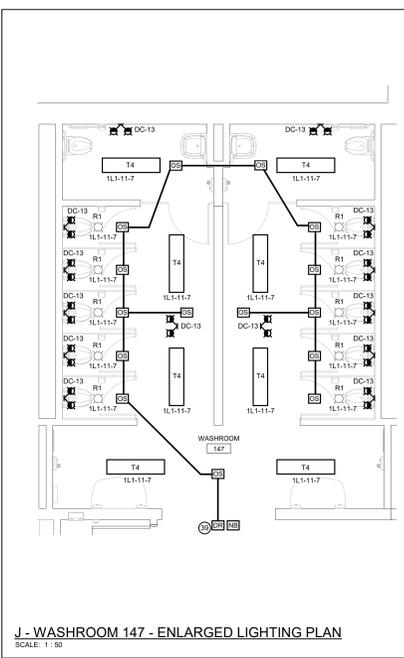
F - MECHANICAL ROOM 237
SCALE: 1:50



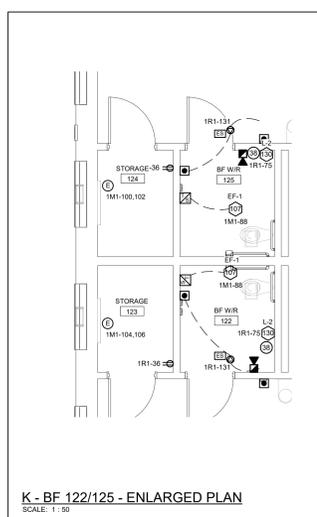
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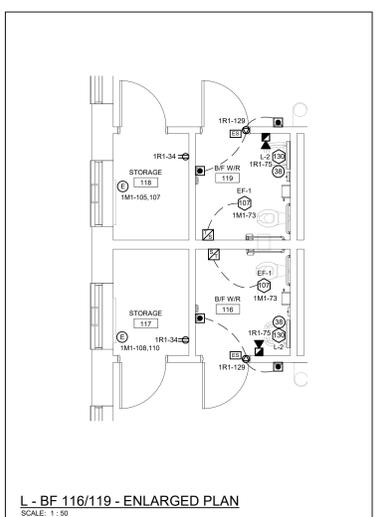
H - KITCHEN 419
SCALE: 1:50



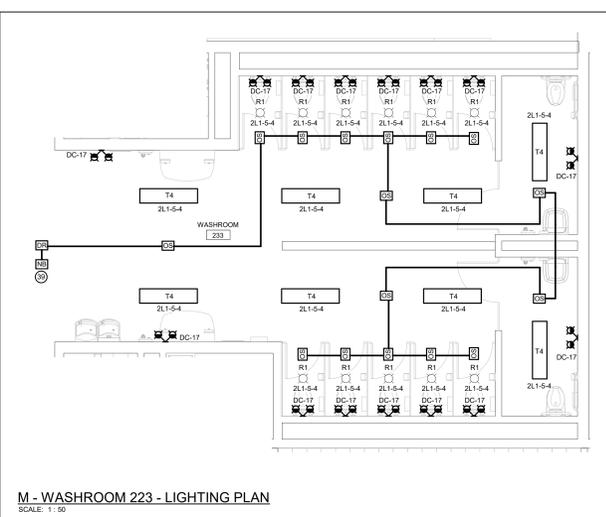
J - WASHROOM 147 - ENLARGED LIGHTING PLAN
SCALE: 1:50



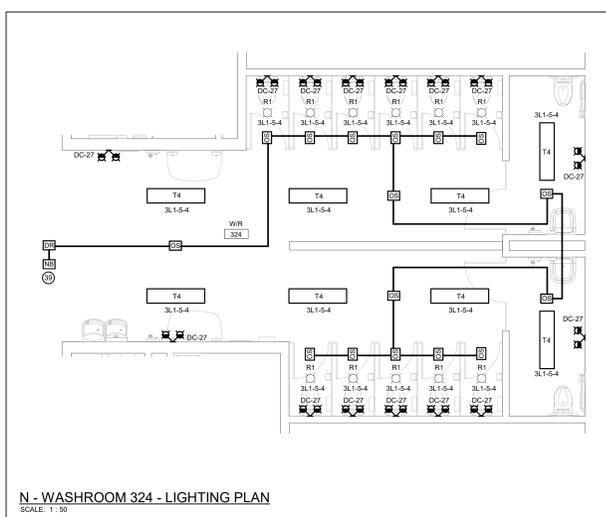
K - BF 122/125 - ENLARGED PLAN
SCALE: 1:50



L - BF 116/119 - ENLARGED PLAN
SCALE: 1:50



M - WASHROOM 223 - LIGHTING PLAN
SCALE: 1:50



N - WASHROOM 324 - LIGHTING PLAN
SCALE: 1:50

- GENERAL NOTES**
- A ALL RECEIPTS ARE TO BE TAMPER RESISTANT TYPE PER LATEST EDITION OF ONTARIO ELECTRICAL SAFETY CODE
 - B ALL RECEIPTS EXPOSED TO WEATHER ARE TO BE PROVIDED WITH "STAIN DUTY" IN USE WEATHER PROOF COVERS
 - C EXACT LOCATION OF ALL DEVICES AND RESPECTIVE HEIGHTS TO BE COORDINATED WITH ARCHITECTURAL DRAWINGS AND OWNER PRIOR TO ROUGH-IN
 - D CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION OF ELECTRICAL SERVICES
 - E ROUTE ALL CONDUIT SYSTEMS THROUGH STRUCTURAL WORK, BEAMS AND PIPING AS REQUIRED TO ACCOMMODATE INSTALLATION. REFER TO MECHANICAL AND ARCHITECTURAL DRAWINGS FOR FURTHER DETAILS AND REQUIREMENTS.
 - F ELECTRICAL CONTRACTOR SHALL NOT USE PULLBOXES AS SUBSTITUTES FOR 90 DEGREE BENDS
 - G ALL COMMUNICATION SYSTEMS SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. ALL CONDUITS SHALL BE EMT OR BUSHINGS AND SUBBERIZED (GROMETS)
 - H MINIMUM WIRE SIZE #10AWG FOR ALL 120V CIRCUITS EXCEEDING 90 FEET IN LENGTH
 - I ALL SMOKE ALARMS SPECIFIED WITHIN CHILD CARE CLASSROOMS ARE TO BE INTERCONNECTED SUCH THAT ACTIVATION OF ANY ALARM CAUSES ALL ALARMS TO BELL
 - J PROVIDE 50A STYLE GFI BREAKER FOR ALL HAND DRIVERS INSTALLED IN WASHROOMS TO MEET THE REQUIREMENTS OF SECTION 62.130 AND 62.132 IN THE ONTARIO SAFETY ELECTRICAL CODE. REFER TO PANEL SCHEDULES FOR FURTHER DETAILS AND REQUIREMENTS.

- SPECIFIC NOTES**
- 1 PROVIDE 2438.4mm H X 19mm D X LENGTH AS SHOWN FIRE RATED PL WOOD BACKBOARD FOR COMMUNICATION AND SECURITY CONTRACTORS USE. PAINT BACKBOARD WITH FIRE RETARDANT PAINT. MATCH TO EXISTING BACKBOARD. REFER TO PROJECT MANAGER. FIRE RATED STAMP MUST BE ON ALL PIECES PROVIDED AND VISIBLE WHEN INSTALLED
 - 2 PROVIDE 18V CABLE MANAGEMENT TRAY PER SPECIFICATIONS. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH PLACEMENT OF EQUIPMENT RACKS, LIGHTING, AND DUCTWORK PRIOR TO INSTALLATION. SUSPEND TRAY ABOVE CEILING WITHIN 150mm OF TOP OF RACKS AND PROVIDE GROUNDING IN ACCORDANCE WITH SPECIFICATIONS
 - 3 PROVIDE 127mmØx30mm W/ 19"X21"X1/4" CU GROUND BUS BAR MOUNTED AT TOP OF PL WOOD BACKBOARD (2W OR 4W) INSULATED GROUND WIRE TO MAIN BUILDING GROUND
 - 4 PROVIDE 12V CONNECTION FOR CCTV CAMERA POWER SUPPLY. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH SECURITY SUPPLIER PRIOR TO ROUGH-IN
 - 5 INDICATES VIDEO SURVEILLANCE RECORDING UNIT MOUNTED HIGH ON WALL BRACKET TO BE PROVIDED BY SECURITY CONTRACTOR
 - 6 PROVIDE 600V 3P W POWER ALONG WITH 60A-3P FUSEBLE DISCONNECT ON 45A CLASS 15 FUSES AND TWO (2) SETS OF AUXILIARY CONTACTS FOR ELEVATOR CONTROLLER. REFER TO DISTRIBUTION RISER DIAGRAM FOR ADDITIONAL INFORMATION. COORDINATE WITH ELEVATOR SHOP DRAWINGS PRIOR TO ROUGH-IN. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONNECTION TO ELEVATOR CONTROLLER
 - 7 INDICATES APPROXIMATE LOCATION TO INSTALL LIGHTING SEGMENT CONTROL MANAGER
 - 8 PROVIDE 120V 20A MULTIPOLE CONTRACTORS FOR CONTROL OF EXTERIOR RECEIPTS. PROVIDE A SET OF OUTPUT CONTACTS FOR CONNECTION TO BAS SYSTEM. COORDINATE DETAILS AND CONNECTION REQUIREMENTS WITH BAS CONTRACTOR. REFER TO DISTRIBUTION RISER DIAGRAM FOR FURTHER DETAILS
 - 9 INDICATES DEVICES TO BE MOUNTED IN PRE-FABRICATED PANEL. REFER TO DETAIL M1.3
 - 10 INDICATED HORN TO BE SET TO LOW DB SETTING
 - 11 PROVIDE 200V 2P 3P CONTRACTOR COW 1/2" A.P. RPT LIGHT CONTROL TRANSFORMER AND COIL FOR HEATER INDICATED. INCLUDE DRY CONTACTS FOR CONNECTION TO BAS SYSTEM BY BAS CONTRACTOR. COORDINATE CONNECTION REQUIREMENTS ON SITE WITH BAS CONTRACTOR
 - 12 PROVIDE RECEPTACLE AND DATA OUTLET FOR BAS PANEL. COORDINATE EXACT LOCATION ON SITE WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN
 - 13 INDICATES VARIABLE FREQUENCY DRIVES (VFD) FOR ORGICATION PUMPS. REFER TO EQUIPMENT WIRING SCHEDULE
 - 14 INDICATES VARIABLE FREQUENCY DRIVES (VFD) FOR FRAME-UP AIR UNITS. REFER TO EQUIPMENT WIRING SCHEDULE
 - 15 INDICATES APPROXIMATE LOCATION TO PROVIDE 478mmC CONDUIT SLEEVES FROM HUB ROOM DOWN TO 1ST FLOOR AND EXTENDED TO CABLE MANAGEMENT SYSTEM FOR COMMUNICATION CONTRACTORS USE. REFER TO DRAWING E3.1 FOR FURTHER DETAILS AND REQUIREMENTS
 - 16 INDICATES APPROXIMATE LOCATION TO PROVIDE 478mmC CONDUIT SLEEVES FROM HUB ROOM UP TO ELECTRICAL RM 332 FOR COMMUNICATION CONTRACTORS USE
 - 17 PROVIDE 120V POWER ALONG WITH 30A-3P FUSEBLE DISCONNECT ON 15A CLASS 15 FUSE FOR ELEVATOR CAB LIGHTING. COORDINATE REQUIREMENTS WITH ELEVATOR SHOP DRAWINGS PRIOR TO ROUGH-IN
 - 18 INDICATES APPROXIMATE LOCATION TO TERMINATE DUCTS FOR FUTURE PORTABLES, SITE LIGHTING AND Pylon SIGNAGE. REFER TO SITE PLAN FOR FURTHER DETAILS
 - 19 INDICATES ZONE EXPANSION PANEL TO BE PROVIDED BY SECURITY CONTRACTOR FOR CONNECTION OF SECURITY DEVICES. REFER TO DETAIL U1.1 AND SECURITY RISER DIAGRAM FOR FURTHER DETAILS AND REQUIREMENTS
 - 20 PROVIDE 600mm FROM ELEVATOR MACHINE RM TO ELEVATOR SHOOTWAY FOR ELEVATOR CONTRACTORS USE. COORDINATE DETAILS AND REQUIREMENTS WITH ELEVATOR CONTRACTOR PRIOR TO INSTALLATION
 - 21 PROVIDE TELEPHONE DATA OUTLET TO SUIT ELEVATOR SUPPLIERS REQUIREMENTS. COORDINATE EXACT LOCATION WITH TELEPHONE OUTLET WITH ELEVATOR SHOP DRAWINGS PRIOR TO ROUGH-IN
 - 22 INDICATES DEVICES TO BE MOUNTED AT 84" FEET RACK. COORDINATE EXACT MOUNTING HEIGHT ON SITE PRIOR TO INSTALLATION
 - 23 PROVIDE PROGRAMMING TO INITIATE ELEVATOR SEQUENCE WHEN ELEVATOR MACHINE ROOM SMOKE DETECTOR IS ACTIVATED. PROVIDE REQUIRED COMPONENTS, WIRING ACCESSORIES TO ELEVATOR CONTROLLER
 - 24 PROVIDE UNBUILT UPSTAND SUPPORT SECURED TO FLOOR AND STRUCTURE. FEED SERVICES TO LOCAL EQUIPMENT VIA THE UPSTAND. REFER TO DETAIL K1.3 AND COORDINATE EQUIPMENT CONNECTION LOCATIONS ON SITE WITH MECHANICAL CONTRACTOR
 - 25 INDICATES APPROXIMATE LOCATION TO TERMINATE 478mmC CONDUIT SLEEVES FROM HUB ROOM BELOW UP TO ELECTRICAL RM 332 FOR COMMUNICATION CONTRACTORS USE. REFER TO DETAIL C4.1 FOR FURTHER DETAILS AND REQUIREMENTS
 - 26 PROVIDE 120V 15A HARDWARE CONNECTION CAPPED IN JUNCTION BOX FOR COMMUNICATION CONTRACTORS USE. COORDINATE EXACT LOCATION WITH OWNER SUPPLIERS. COORDINATE WITH ARCHITECTURAL MILLWORK DRAWINGS PRIOR TO ROUGH-IN
 - 27 PROVIDE 120V 20A RECEPTACLE FOR OWNER SUPPLIED MICROWAVE. COORDINATE EXACT LOCATION WITH ARCHITECTURAL MILLWORK DRAWINGS PRIOR TO ROUGH-IN
 - 28 PROVIDE SUPERVISORY DRY CONTACTS (LOW VOLTAGE RELAY CONNECTIONS FROM FIRE ALARM CONTROL PANEL TO FIRE SUPPRESSION SYSTEM) COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR. PROVIDE 120V 20A RECEPTACLE FOR FIRE SUPPRESSION SYSTEM. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR. PROVIDE CONDUIT COW WIRING PER MANUFACTURERS RECOMMENDATIONS
 - 29 ELECTRICAL CONTRACTOR TO PROVIDE TWO (2) 200V 50A-3P CONTRACTORS TO SHUNT INTERMEDIATE BRANCH CIRCUITS WITHIN FOOTPRINT SHOWN B & BELOW THE HOOD LIPON ACTIVATION OF THE FIRE SUPPRESSION SYSTEM. ELECTRICAL CONTRACTOR SHALL INSTALL CONTRACTORS IN ACCESSIBLE CEILING SPACE AND CONNECT TO AUXILIARY DRY CONTACTS LOCATED IN FIRE SUPPRESSION SYSTEM PANEL AND TRIP UPON ACTIVATION OF FIRE SUPPRESSION SYSTEM. REFER TO KITCHEN SHOP DRAWINGS FOR CONFIRMATION ON EQUIPMENT LOCATED UNDER HOOD AND FURTHER DETAILS. COORDINATE DETAILS WITH KITCHEN INSTALLATION AND FIRE SUPPRESSION SYSTEM INSTALLER PRIOR TO INSTALLATION
 - 30 PROVIDE 120V 20A MULTIPOLE CONTRACTORS FOR CONTROL OF EXTERIOR SIGNAGE. PROVIDE A SET OF OUTPUT CONTACTS FOR CONNECTION TO BAS SYSTEM. COORDINATE DETAILS AND CONNECTION REQUIREMENTS WITH BAS CONTRACTOR. REFER TO DISTRIBUTION RISER DIAGRAM FOR FURTHER DETAILS
 - 31 INDICATES IT EQUIPMENT RACK TO BE PROVIDED BY COMMUNICATIONS CONTRACTOR AND INSTALLED AS PART OF THE STRUCTURE. CABLE RACK PATCH PANELS SUIT NUMBER OF DATA/VOICE PROPS AS INDICATED ON FLOOR PLANS
 - 32 INDICATES INDOOR AC UNIT POWERED THROUGH OUTDOOR CONDENSING UNIT. COORDINATE DETAILS AND REQUIREMENTS WITH EQUIPMENT WIRING SCHEDULE AND MECHANICAL CONTRACTOR PRIOR TO INSTALLATION
 - 33 MAIN CONTRACTOR SHALL PROVIDE 120V 20A CONNECTION AND FEEDER (RANGING TO CU IN MAIN CONTRACTOR'S ELECTRICAL ROOM) TO MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INCLUDE FOR ALL MAIN CONTRACTOR'S REFRIGERATION AND SYSTEMS AS REQUIRED TO VARIOUS COOLING TOWER EQUIPMENT AS REQUIRED BY THE MANUFACTURER. REFER TO MECHANICAL CONTRACTOR SHOP DRAWINGS AND COORDINATE ALL DETAILS AND REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION
 - 34 INDICATES 30A-3P FUSEBLE DISCONNECT (15A FUSE FOR ELEVATOR COMMUNICATIONS SYSTEM DISCONNECT) CONFIRM LOCATION WITH ELEVATOR SHOP DRAWINGS
 - 35 INDICATES 30A-3P FUSEBLE DISCONNECT (15A FUSE FOR IN-CAR RECEPTACLE DISCONNECT) CONFIRM LOCATION WITH ELEVATOR SHOP DRAWINGS
 - 36 PROVIDE LOCAL SWITCH AND CONNECT TO 50A HOOD LIGHTS
 - 37 PROVIDE REMOTE START/STOP PUSHBUTTON FOR EXHAUST FAN B.F.
 - 38 PROVIDE 120V CONNECTION TO LAVATORY SINK. COORDINATE REQUIREMENTS WITH MECHANICAL CONTRACTOR AND PLUMBING SHOP DRAWINGS PRIOR TO ROUGH-IN
 - 39 INDICATES DIGITAL ROOM CONTROLLER RELAY PACK AND ASSEMBLY TO BE MOUNTED IN ACCESSIBLE CEILING SPACE FOR CONTROL BY ROTARY MOTION SENSORS. REFER TO LIGHTING CONTROL DETAILS
 - 40 INDICATES RECEPTACLE COOLING TOWER CONTROL PANEL. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATION
 - 41 INDICATES ONE TRANSFORMER TO BE STACKED ABOVE THE OTHER. ELECTRICAL CONTRACTOR IS TO SUPPLY AND INSTALL UNBUILT FRAME FOR STACKING. FRAME MUST BE HIGH ENOUGH TO MAINTAIN CLEARANCE FROM OVERHEAD POWER LINES TO SUIT MANUFACTURERS REQUIRED CLEARANCES FOR VENTILATION. FRAME MUST BE SUITABLE FOR HEIGHT INDICATED ON SHOP DRAWINGS



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ENLARGED PLANS

HOSSACK & ASSOCIATES ARCHITECTS

DEI Consulting Engineers
MECHANICAL ELECTRICAL AQUATIC

NOTES: CIRCUIT LABELS
PROVIDE P-TOUCH PANELS INDICATING PANEL AND CIRCUIT LABEL ON ALL TIGHT SWITCH, LIGHTING CONTROL STATION, AND RECEPTACLE DEVICE FACED AREAS. INCLUDE SWITCH LEG INDICATION FOR LIGHTING CONTROLS AND SWITCHES. REFER TO SPECIFICATIONS FOR FURTHER DETAILS AND REQUIREMENTS

SUPPRESSION SYSTEM NOTES

- 1 PROVIDE 120V UNWITHEDED POWER FROM CIRCUIT AS NOTED FOR SUPPRESSION SYSTEM
- 2 PROVIDE CONTROL WIRING FROM SUPPRESSION SYSTEM SUCH THAT IN A FIRE CONDITION, SYSTEM MUST SHUT OFF ALL POWER AND/OR FUEL TO APPLIANCES BELOW EXHAUST HOOD. CONNECT TO THE ALARM SYSTEM
- 3 CONNECT OUTPUT OF SUPPRESSION SYSTEM TO SHUNT TRIP BREAKERS FEEDING ELECTRICAL EQUIPMENT BENEATH HOOD
- 4 CONNECT OUTPUT OF SUPPRESSION SYSTEM TO GAS SOLENOID
- 5 PROVIDE INTERCONNECT FOR SHUTDOWN OF KITCHEN HEAT PUMP HP 8.1.

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