1 ADDENDUM #3

ALL CLAUSES SET FORTH IN THE BIDDING DOCUMENTS, CONTRACT DOCUMENTS AND GENERAL REQUIREMENTS OF THE ORIGINAL CONTRACT DOCUMENTS SHALL APPLY TO AND GOVERN THIS WORK. THE ADDENDUM REFERS TO CHANGES AND ADDITIONS TO THE ORIGINAL CONTRACT DOCUMENTS AND IS TO BE READ IN CONJUNCTION WITH THE SAME. ALL OTHER PARTS OF THE ORIGINAL CONTRACT DOCUMENTS ARE TO BE CONSIDERED AS APPLYING TO THE WORK OF THIS CONTRACT WITH THE EXCEPTIONS AND CHANGES AS NOTED BELOW.

1.1 SPECIFICATIONS

.1 Reference Section 23 57 00 – Heat Exchangers for HVAC:
- .1 Add Article 2.2.10:
  "Acceptable manufacturers: Bell & Gossett, Armstrong, Alfa Laval, SEC, Taco."

.2 Reference Section 23 81 40 – Ground Source Unitary Heat Pumps:
- .1 Article 2.2.15, add "Geostar" to acceptable manufacturers.

.3 Reference Section 23 33 16 – Dampers – Fire and Smoke:
- .1 Add Article 2.1.11:
  "Acceptable manufacturers: Alumavent, Nailor, Ruskin."

1.2 DRAWINGS

.1 Reference Drawing C100 – Site Plan:
- .1 Delete Drawing C100 as originally issued and replace with attached revised version, dated November 16, 2016.

.2 Reference Drawing C101 – Typical Sections & Details:
- .1 Delete Drawing C101 as originally issued and replace with attached revised version, dated November 16, 2016.

.3 Reference Drawing A100 - Floor Plans:
- .1 Reference detail 3/A100 MAIN LEVEL – HALL ENTRANCE:
  - .1 Delete and replace with ASK005 and ASK006 dated November 16, 2026.
- .2 Reference Metal Stud Wall Type Schedule:
  - .1 Reference Tag M1:
    Wall type "M1" height to be underside of existing steel deck including MECH.ROOM 331 wall, except in the areas listed below, where the height shall be 12'-0":
    - .1 Classrooms 301 and 306 walls
    - .2 Common Area 300 walls
    - .3 Offices 302 and 303 walls
    - .4 BF Washrooms 304 and 305 walls
    - .5 Storage 307 walls
  - .2 Reference Tag M2:
    All fire rated walls shall extend to the underside of the existing steel deck. Delete 3 5/8" / 92mm metal stud framing and replace with 6" / 152mm metal stud framing.

.4 Reference Drawing A160 – Reflected Ceiling Plans:
- .1 Delete detail 3/A160.

.5 Reference Drawing A500 – Enlarged Washroom Plan & Interior Elevations:
- .1 Delete detail 2/A500 and detail 3/A500 and replace with ASK005 and ASK006 dated November 16, 2026.

.6 Reference Drawing M010 – Plumbing Demolition:
- .1 Mech Room 331: Add removal of existing in-wall trap primer serving existing floor drain per Detail 3/MSK001.
- .2 Mech Room 331: Revise slab notes to read:
  "Sawcut and remove existing slab as required for new FFD-2." Delete "Tie FD-1 drain to existing floor drain sanitary piping."

.7 Reference Drawing M030 – Ventilation Demolition:
- .1 Add Demolition Ventilation Note 5:
  "Existing electric baseboard heaters and thermostats in Level 2 Mezzanine area to remain."

.8 Reference Drawing M100 – Plumbing Sanitary:
- .1 Mech Room 331: Delete note:
  "PROVIDE TRAP PRIMER FOR FD-1. CONNECT ½ " DCW TRAP PRIMER LINE FROM NEAREST DCW SUPPLY TO TRAP PRIMER CONNECTION ON FLOOR DRAIN BODY." and replace with "PROVIDE TRAP PRIMER TP-1 FOR FFD-2."
- .2 Mech Room 331: Revise condensate note to read:
  "CONDENSATE LINE DRAIN TO NEW FLOOR DRAIN IN MECH ROOM. PROVIDE FFD-2 FUNNEL ADAPTOR ON FLOOR DRAIN BODY."
- .3 Add General Note 15:
  "Heat pumps shown for condensate connections only. Heat pumps supplied and installed by Div. 23."

.9 Drawing M101 – Plumbing Domestic Water:
- .1 Mech Room 331: Provide new electronic trap primer TP-1 at location of existing trap primer removed, per Detail 3/MSK001 and Trap Primer Schedule on MSK007.

.10 Drawing M103 – Plumbing Details & Schedules:
- .1 Replace Detail 5, Well Pump Detail, with Detail 2/MSK001.
- .2 Plumbing Fixture Schedule: Add TP-1 per Trap Primer Schedule on MSK007.

.11 Drawing M200 – Heating Hydronic Supply & Return:
- .1 Mech Room 331: Refer to Detail 1/MSK001 for revised layout, VFD location and UH-1.
- .2 Add heating bypass line at location shown on Detail 2/MSK002.

.12 Drawing M201 – Heating - Geothermal Site plan:
- .1 Replace with Detail 1/MSK004, Revised Geothermal Well Plan. Production wells PW-1, PW-2 and injection well INJ-1 relocated as shown.
- .2 Add Detail 2/MSK004, Trenching Detail.

.13 Drawing M202 – Geothermal PID:
- .1 Revise Geothermal PID as per Detail 1/MSK003.

.14 Drawing M203 – Heating Details:
- .1 Add Detail 3/MSK002, Heating Bypass Line.
- .2 Reference Detail 6: Revise filter inlet and outlet piping from 3"Ø to 2"Ø.
- .3 Add Detail 6/MSK002, Pot Feeder Detail.

.15 Reference Drawing M204 – Heating Schedules:
- .1 Replace Detail 4, ERV Roof Opening, with Detail 1/MSK002.
- .2 Add Detail 5/MSK002, Duct Drop to Sidewall Supply/Return Serving S&R Corridor.
- .3 Grille & Diffuser Schedule, S-1: Revise note to read:
  "Self-actuating thermostatic diffuser c/w integral wax-piston element that automatically adjusts blades based on supply air temperature. Integrated air equalizer. Install suspended from structure at 16'-0" AFF."
- .4 Grille & Diffuser Schedule, S-2: Replace with S-2 per Grille & Diffuser Schedule on MSK008.
- .5 Replace ERV Schedule with Revised ERV Schedule on MSK007.

.16 Drawing M300 – Ventilation Supply & Return:
- .1 Add section cuts at S&R corridor duct drop per Detail 4/MSK002.
- .2 General Ventilation Note 11: Revise to read:
  "Insulate ductwork (concealed and exposed) as scheduled in Section 23 07 13."

.17 Drawing M302 – Ventilation Details & Schedules:
- .1 Replace Detail 4, ERV Roof Opening, with Detail 1/MSK002.
- .2 Add Detail 5/MSK002, Duct Drop to Sidewall Supply/Return Serving S&R Corridor.
- .3 Grille & Diffuser Schedule, S-1: Revise note to read:
  "Self-actuating thermostatic diffuser c/w integral wax-piston element that automatically adjusts blades based on supply air temperature. Integrated air equalizer. Install suspended from structure at 16'-0" AFF."
- .4 Grille & Diffuser Schedule, S-2: Replace with S-2 per Grille & Diffuser Schedule on MSK008.
- .5 Replace ERV Schedule with Revised ERV Schedule on MSK007.

.18 Reference Drawing E001 - Legend, Full Building & Site Plan, Existing Freezer Enlargement & Trench Detail:
- .1 Reference Detail 1/E001:
  - .1 Two (2) existing switches located on the south wall of Main Hall 333 adjacent to west wall to be removed. Existing branch circuit wiring to be traced out, disconnected, and capped and coiled in the accessible ceiling space for future reconnection to new light switches. Reference ASK005 for additional information on new main entrance.
  - .2 Two (2) switches to be added to the to the west wall adjacent to Door 333.2 and connected to existing branch circuit wiring capped and coiled in the accessible ceiling space. Existing branch circuit wiring to be spliced and extended if required. Reference ASK005 for additional information on new main entrance.
  - .3 One (1) emergency lighting unit located on the south wall of Main Hall 333 adjacent to west wall to be traced out, disconnected, and removed. Existing branch circuit wiring to be traced out, disconnected, and capped and coiled in the accessible ceiling space for future reconnection to new emergency lighting unit.
  - .4 One (1) emergency lighting unit to be added to the south wall of Main Hall 333 adjacent to wooden feature panel. Emergency lighting unit to be connected to existing branch circuit capped and coiled in the accessible ceiling space. Existing branch circuit wiring to be spliced and extended if required. Reference ASK005 for additional information on new main entrance.
  - .5 One (1) communication device located on the south wall of Main Hall 333 adjacent to west wall to be traced out, disconnected, and relocated further east along the south wall adjacent to wooden feature panel. Existing mounting height is to be maintained. Associated communications cabling to

be traced out, disconnected, and capped and coiled in the accessible ceiling space for future reconnection to relocated device. Reference ASK005 for additional information on new main entrance.

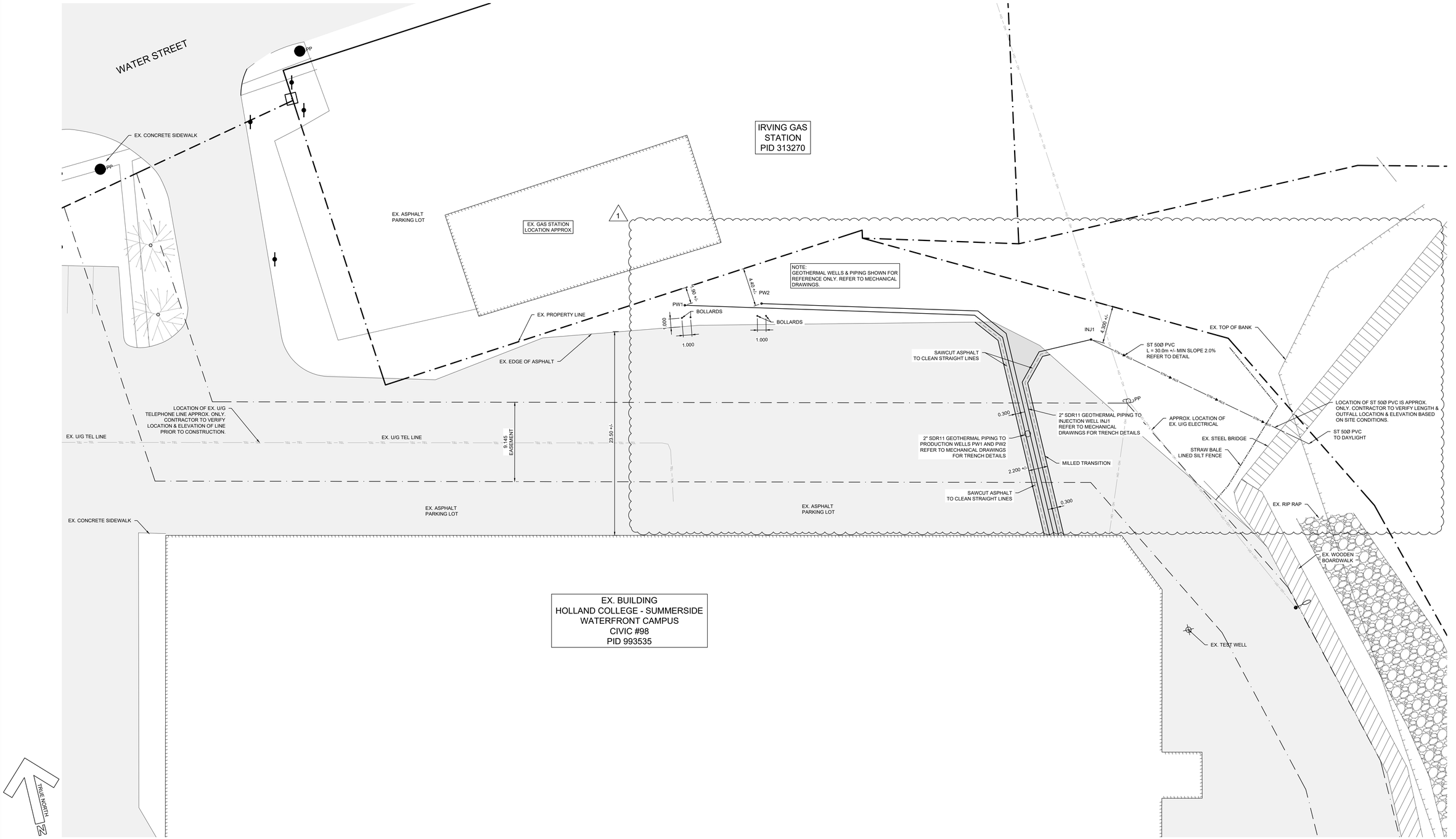
.6 One (1) track light furthest west in existing track lighting located on the south side of Main Hall 333 above wooden feature panel to be traced out, disconnected, and removed. Associated track to be cut back to accommodate new wall and resuspended from exposed ceiling space. Reference ASK005 for additional information on new main entrance.

.7 One (1) track light furthest west in existing track lighting located on the north side of Main Hall 333 above wooden feature panel to be traced out, disconnected, and removed. Associated track to be cut back to accommodate new wall and resuspended from exposed ceiling space. Reference ASK005 for additional information on new main entrance.

.2 Reference Drawing E100 - Main Level & Level 2 - Power, Communications & Systems:

.1 In Mechanical Room 331, existing CCTV camera suspended from the exposed ceiling and associated cabling to be traced out, disconnected, and removed back to source.

END OF SECTION



1 C100 PLAN: SITE PLAN
SCALE: 1:200

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Seal: PROFESSIONAL ENGINEER — Nazim Lowen — 344 — 16 MAY, 2024 — PROVINCE OF PRINCE EDWARD ISLAND

Client: Holland College

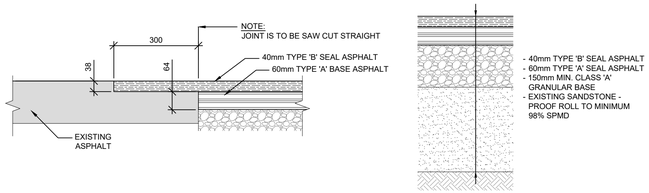
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98 Water Street, Summerside PE

Sheet Title: Site Plan

Rev. No.:	Issued for:	Date: (YYYY-MM-DD)
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1	Addendum #3	2026-11-16

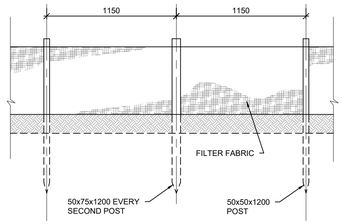
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Drn By: MWM
Chk By: NL
Rev. No.: 1
Project Number: 261102
Drawing Number: C100

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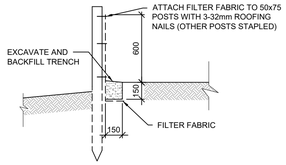


1 C101 SECTION: ASPHALT JOINT AT EXISTING / NEW & SCHEDULE

SCALE: 1:10



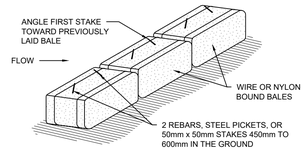
ELEVATION



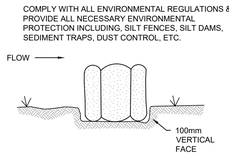
SECTION

2 C101 TYPICAL SILT FENCE

SCALE: 1:25



ANCHORING DETAIL



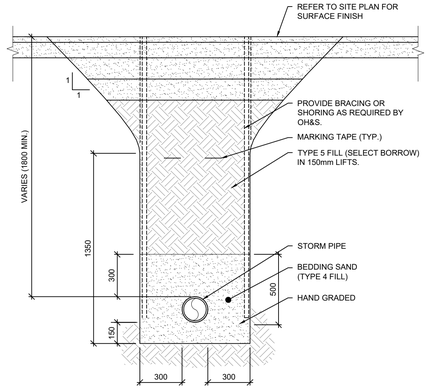
EMBEDDING DETAIL

3 C101 TYPICAL EROSION CONTROL BERM

SCALE: 1:25

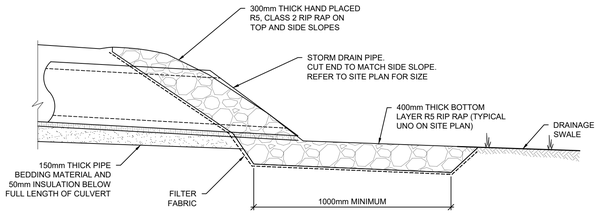
1

NOTE:
1. USE BRACING SHIELD FOR TRENCHES WITHIN ROADWAYS TO REDUCE EXCAVATION WIDTH AND ASPHALT REPLACEMENT. ALL ASPHALT TO BE SAWCUT TO A DEPTH OF 125mm MIN. PRIOR TO EXCAVATION, WHERE APPLICABLE.



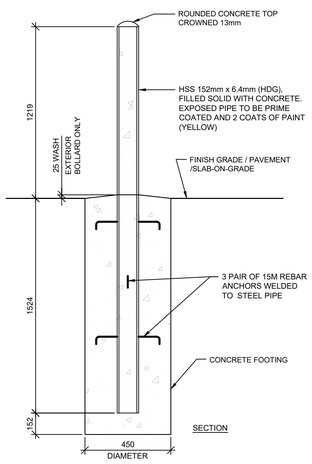
4 C101 STORM TRENCH DETAIL

SCALE: 1:20



5 C101 STORM PIPE OUTFALL

SCALE: 1:10



SECTION

6 C101 TYPICAL BOLLARD

SCALE: 1:20

LEGEND

	PROPERTY LINE
	BUILDING OUTLINE
STM → PLS	STORM SEWER
U/G — D/T	EXISTING UNDERGROUND ELECTRICAL
OH — HO	OVERHEAD ELECTRICAL
OH — HO	EXISTING OVERHEAD ELECTRICAL
	TOP OF SLOPE
	ASPHALT PAVEMENT
	ASPHALT PAVEMENT EXISTING
PP	UTILITY POLE

GENERAL NOTES:

1. CONTRACTOR SHALL COORDINATE THIS WORK AND COOPERATE WITH THE OWNER AND AGENCIES HAVING JURISDICTION.
2. THE LIMIT OF CONTRACT IS GENERALLY BOUNDED BY THE PROPERTY LINE AND ALSO INCLUDES ALL WORK IMPLEMENTED OR SHOWN WITHIN AND OUTSIDE THE LOT. THE SCOPE OF WORK SHALL INCLUDE ALL CIVIL WORKS SHOWN OR IMPLIED ON THE DRAWINGS AND SHALL INCLUDE ANY ADDITIONAL WORK LISTED IN THE SPECIFICATIONS AND TENDER DOCUMENTS.
3. CONTRACTOR MUST VISIT THE SITE PRIOR TO CONSTRUCTION AND BE FAMILIAR WITH EXISTING CONDITIONS.
4. VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK.
5. ALL DIMENSIONS AND ELEVATIONS ARE IN METRIC UNITS U.N.O.
6. SURVEY DATA HAS BEEN DETERMINED AND PROVIDED BY LOCUS SURVEYS LTD. DATED OCTOBER 2, 2026. NO TOPOGRAPHICAL INFORMATION WAS PROVIDED
7. ALL SURVEY DATA TO BE COORDINATED WITH LOCUS SURVEYS LTD. PRIOR TO CONSTRUCTION.
8. THESE DRAWINGS SHALL BE VIEWED IN CONJUNCTION WITH THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND LANDSCAPE SITE DRAWINGS, CONTRACT DOCUMENTS AND SPECIFICATIONS.
9. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELEVATIONS OF ALL EXISTING UTILITIES AND SERVICES (SHOWN OR NOT SHOWN ON DRAWINGS) IN THE FIELD WITHIN THE CONTRACT LIMIT. INFORMATION SHOWN ON PLANS IS APPROXIMATE ONLY.
10. UNDERGROUND WATER, SEWER, TELEPHONE AND POWER SERVICES EXIST BENEATH THE SITE. EXERCISE CAUTION IN EXCAVATION AND PROTECT FACILITIES FROM DAMAGE. CONTRACTOR TO REPAIR DAMAGES AT NO COST TO THE OWNER. WORK SHALL BE CARRIED OUT TO THE SATISFACTION OF THESE AUTHORITIES. CONTACT UTILITIES BEFORE EXCAVATING.
11. PRIOR TO CONSTRUCTION, CONTRACTOR MUST REVIEW THE DEPTH OF ALL NEW UNDERGROUND SERVICES AND ADJUST DEPTH OF ALL SERVICES INCLUDING WATER, SANITARY SEWER, STORM SEWER, U/G ELECTRICAL & COMMUNICATION, WHERE INTERFERENCE OCCURS, ADVISE & OBTAIN APPROVAL FROM CONSULTANT BEFORE PROCEEDING WITH ANY CHANGES. ADJUST TOPS OF ALL EXISTING MANHOLES, CATCH BASINS, VALVES, BOXES, ETC. TO SUIT FINISH GRADES OF PARKING LOTS & SITE WORK. COSTS ASSOCIATED WITH THIS TO BE INCLUDED IN TENDER PRICE.
12. THE CONTRACTOR TO INCLUDE IN THE CONTRACT PRICE COSTS ASSOCIATED WITH OVER EXCAVATION, BACKFILLING AND REINSTATEMENT.
13. PROVIDE TEMPORARY SUPPORT TO UTILITY POLES AS REQUIRED BY THE UTILITIES. FINAL LOCATIONS OF RELOCATED UTILITY POLES TO BE COORDINATED ON-SITE BETWEEN CONTRACTOR & UTILITIES. ENSURE NEW OVERHEAD WIRE PATHS MEET ALL REQUIRED CLEARANCES AS REQUIRED BY OH&S.
14. THE WORK SHALL BE IN ACCORDANCE WITH THE 2020 NATIONAL BUILDING CODE OF CANADA & APPLICABLE STANDARDS.
15. PERFORM WORK & COMPLY WITH ALL FEDERAL, PROVINCIAL AND MUNICIPAL BY-LAWS AND REGULATIONS.
16. CONTRACTOR IS RESPONSIBLE FOR THE SUPPLY, INSTALLATION & TESTING FOR ANY ADDITIONAL MATERIALS & EQUIPMENT NOT SPECIFIED OR INDICATED ON THE DRAWINGS TO COMPLETE WORK ENSURING THAT ALL SYSTEMS ARE FULLY OPERATIONAL AND MEETING THE FUNCTIONAL REQUIREMENT OF THIS PROJECT.
17. CONTRACTOR IS RESPONSIBLE FOR THE SUPPLY, INSTALLATION AND TESTING OF ALL PIPES AND APPURTENANCES AS PER APPLICABLE STANDARDS & AS REQUIRED BY REGULATIONS FOR A COMPLETE OPERATIONAL SYSTEM
18. ALL CONSTRUCTION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS. ANY FINES OR CHARGES FOR UNSAFE WORKING CONDITIONS ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
19. THE CONTRACTOR IS RESPONSIBLE FOR PREVENTING MUD TRACKING ONTO THE PUBLIC AND PRIVATE RIGHT OF WAYS; AND IS, AT THEIR EXPENSE, RESPONSIBLE FOR CLEANING TRACKED MUD FROM THE R.O.W. AS DIRECTED BY THE MUNICIPALITY.
20. THE CONTRACTOR IS RESPONSIBLE FOR NECESSARY GRADING AND DUST CONTROL AS DIRECTED BY THE AGENCIES HAVING JURISDICTION OR THE OWNER'S SITE REPRESENTATIVE.
21. REPAIR & REINSTATE DISTURBED ASPHALT PAVEMENT, GRASSED & LANDSCAPED AREAS, SIGNS, RETAINING WALLS, ETC., DAMAGED BY WORK OF CONTRACT INCLUDING ALL AREAS IMPACTED BEYOND LIMIT OF CONTRACT. TOPSOIL & SEED/SOD (AS DIRECTED) ALL GRASSED SURFACES U.N.O.
22. NO GEOTECHNICAL INVESTIGATION WAS CARRIED OUT.
23. ADJUST TOPS OF CB'S, MH'S, WATER VALVES, CURB STOPS, AND ANY UTILITIES AFFECTED BY THE WORK OF THIS CONTRACT AND NECESSARY BY THE CONSULTANT/OWNER TO SUIT SITE CONDITIONS.

ENVIRONMENTAL PROTECTION NOTES:

1. ENVIRONMENTAL PROTECTION MEASURES SHALL BE CARRIED OUT TO THE SATISFACTION OF THE CONSULTANT &, AUTHORITIES HAVING JURISDICTION AND THE COST OF ALL THESE DEVICES & MEASURES SHALL BE INCLUDED IN THE CONTRACT PRICE.
2. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH PEI OCCUPATIONAL HEALTH & SAFETY ACT, FEDERAL, PROVINCIAL & MUNICIPAL BY-LAWS & REGULATIONS.
3. INSTALLATION OF ENVIRONMENTAL CONTROLS SHALL BE A FIRST STEP IN THE CONSTRUCTION SEQUENCE. THEIR DESIGN, INSTALLATION AND MAINTENANCE SHALL BE AS PER PEI TIE ENVIRONMENTAL PROTECTION PLAN.
4. CONSTRUCT & INSTALL AT TOE OF SLOPE AROUND PERIMETER OF ALL TEMPORARY AND PERMANENT CONSTRUCTION AREAS INCLUDING AROUND STOCKPILES OF FILL SILT FENCES & EROSION CONTROL DEVICES.
5. ALL ENVIRONMENTAL CONTROLS (E.G. SILT FENCING, CHECK DAMS, SEDIMENT COLLECTION PONDS, ETC.) SHALL BE IN PLACE PRIOR TO, DURING AND AFTER PROJECT ACTIVITIES TO AVOID OFFSITE SILTATION.
6. MAINTAIN DEVICES ON A DAILY BASIS TO PREVENT SEDIMENTS FROM THE WORK AREAS FROM ENTERING ANY WATER COURSE OR CATCH BASINS. REPLACE FENCES IF DAMAGED. REMOVE ACCUMULATED SEDIMENTS TO PREVENT BLOCKAGE OF FENCES & DAMS AS DIRECTED BY CONSULTANT.
7. REMOVE & REPLACE EROSION CONTROL STRUCTURES WHEN THEY BECOME CLOGGED WITH SOIL PARTICLES OR AS DIRECTED BY CONSULTANT.
8. DO NOT DISTURB EXISTING VEGETATION ANY MORE THAN NECESSARY TO COMPLETE EACH PHASE OF THE PROJECT.
9. INSTALL A LAYER OF MULCH OR AN EROSION CONTROL BLANKET TO ALL EXPOSED SLOPES THAT IS NOT IMMEDIATELY UNDER CONSTRUCTION APPLIED AND MAINTAINED UNTIL THE AREA IS READY TO BE COMPLETED, SHAPED AND STABILIZED WITH SEEDING, SOD OR RIPRAP.
10. TOPSOIL & SEED ALL EXPOSED & BARREN SOIL ASAP.
11. THE CONTRACTOR IS TO HAVE ON HAND, THE APPROPRIATE EMERGENCY RESPONSE PHONE NUMBERS AND CONTACTS TO ALERT THE APPROPRIATE AUTHORITIES OF POSSIBLE CONTAMINATION SHOULD A SPILL OCCUR.

1

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Seal: PROFESSIONAL ENGINEER — Kazim Loewen — 344 — 16 NOV 2026 DATE — PROVINCE OF PRINCE EDWARD ISLAND

Client: Holland College

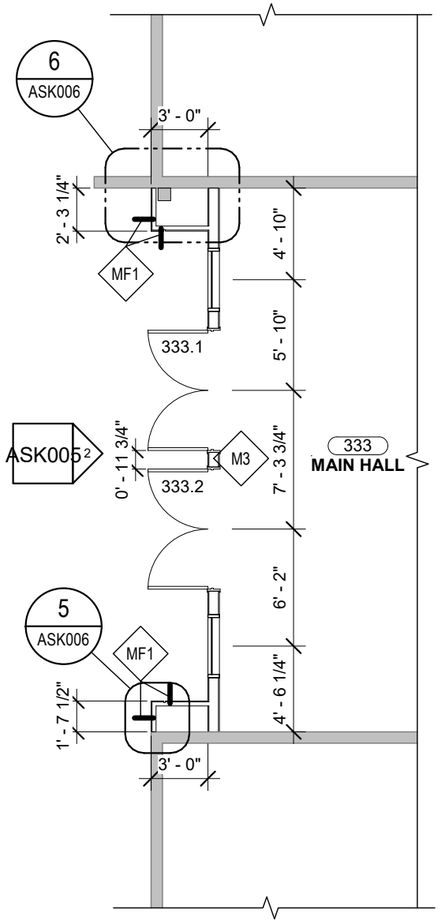
Project Title: Holland College Summerside Waterfront - GreenBuild Trade Expansion
98 Water Street, Summerside PE

Sheet Title: Typical Sections & Details

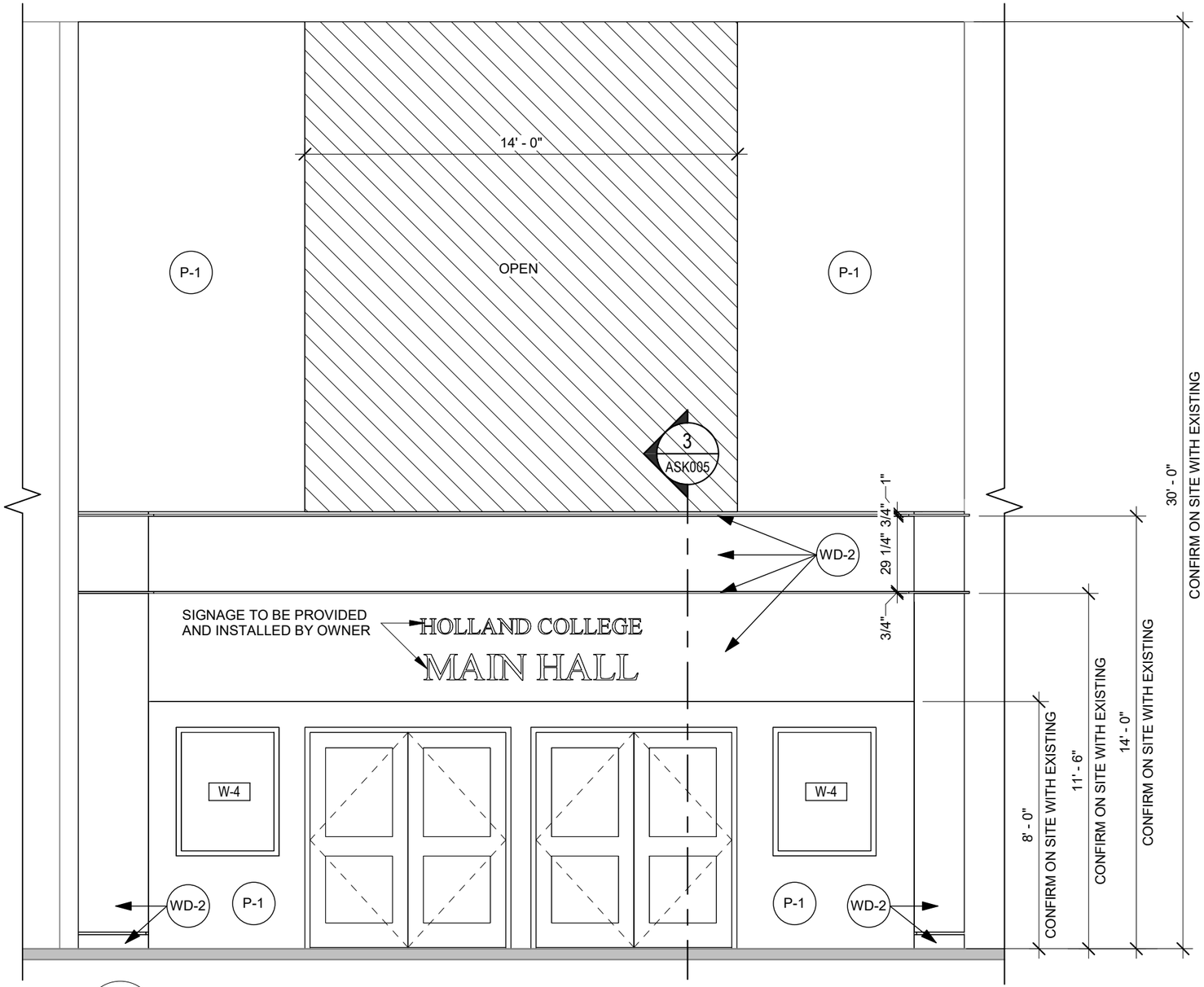
Rev. No.:	Issued for:	Date: (YYYY-MM-DD)
0	Tender	2026-10-29
1	Addendum #3	2026-11-16

Scale: As Noted
Dm By: MWM
Chk By: NL
Rev. No.: 1
Project Number: 261102
Drawing Number: C101

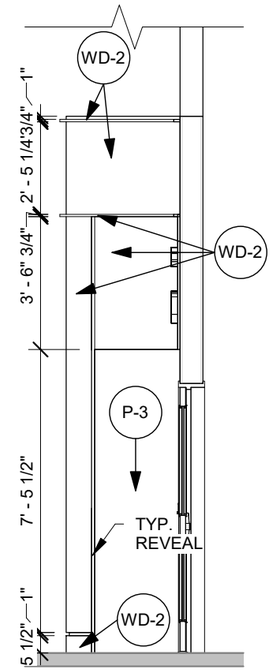
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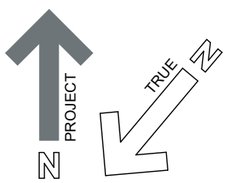
1 ASK005 MAIN LEVEL - MAIN ENTRANCE
1/8" = 1'-0"



2 ASK005 ELEVATION - MAIN ENTRANCE
1/4" = 1'-0"



3 ASK005 SECTION 1
1/4" = 1'-0"



Issued for Addendum #3

2026-11-17 8:41:03 AM

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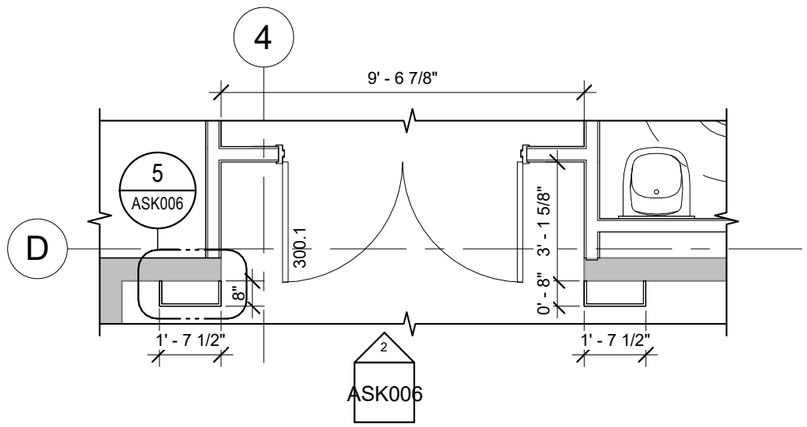
Project Title: Holland College Summerside Waterfront Campus - GreenBuild Trade Expansion

Sheet Title: Main Entrance - Floor Plan, Elevation, Section & Details

Scale: As indicated	Drn By: KAH
Date: 2026-11-17	Chk By: SDM

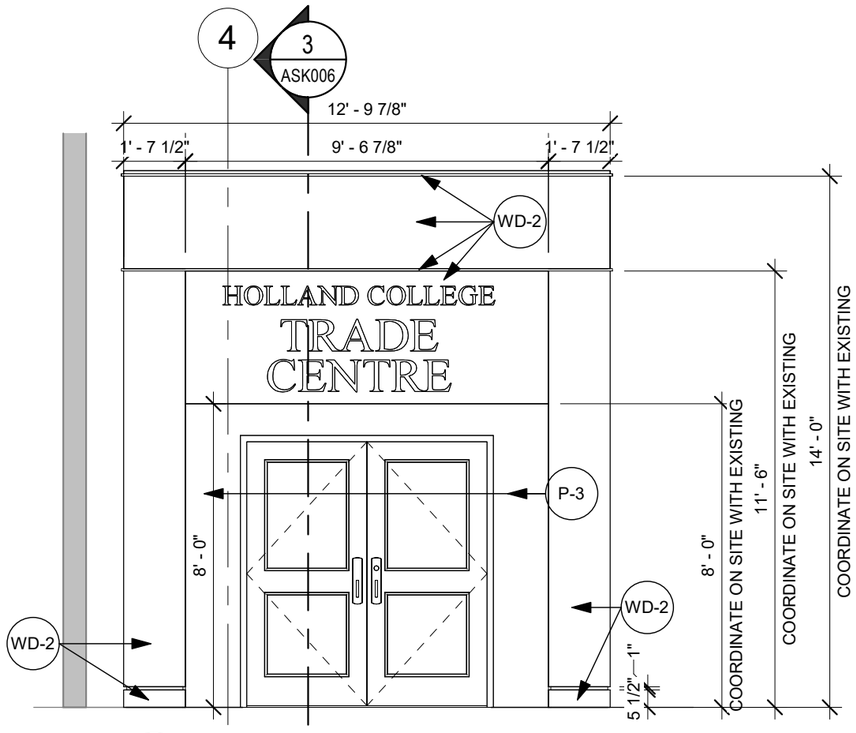
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Drawing Number: ASK005



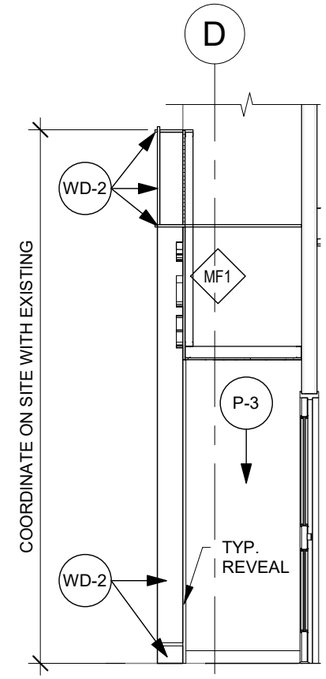
1 ASK006 — PARTIAL MAIN LEVEL FLOOR PLAN

1/4" = 1'-0"



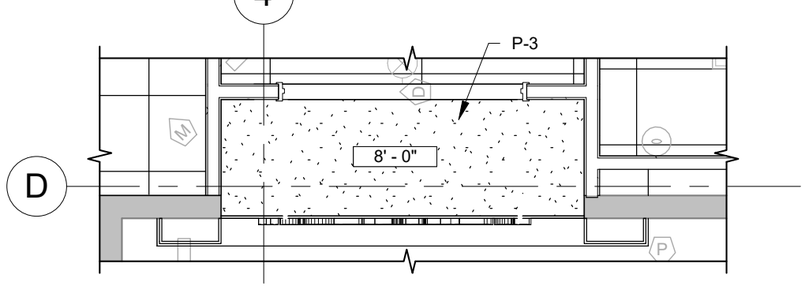
2 ASK006 — INTERIOR TRADE CENTRE ENTRANCE

1/4" = 1'-0"



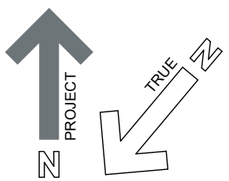
3 ASK006 — SECTION 1

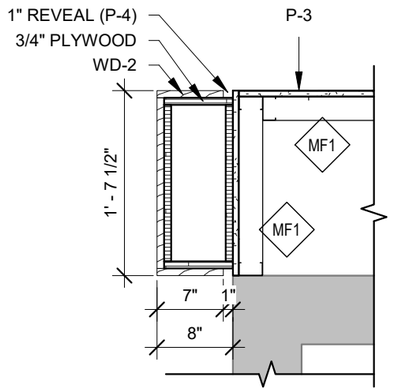
1/4" = 1'-0"



4 ASK006 — PARTIAL MAIN LEVEL RCP

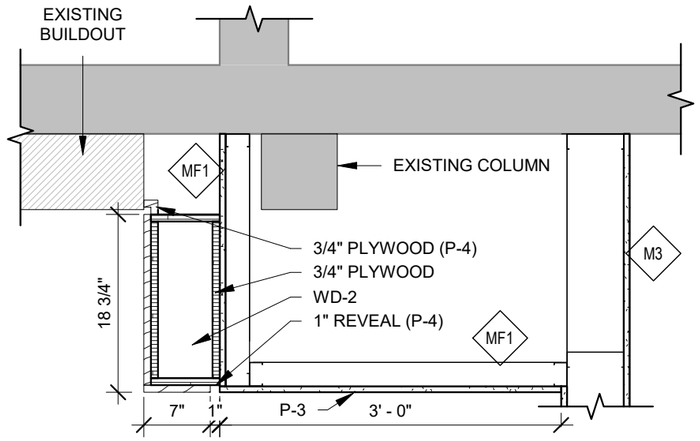
1/4" = 1'-0"





5 ASK006 — PLAN DETAIL

3/4" = 1'-0"



6 ASK006 — PLAN DETAIL

3/4" = 1'-0"

Issued for Addendum #3

2026-11-17 8:41:20 AM

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Client: Holland College

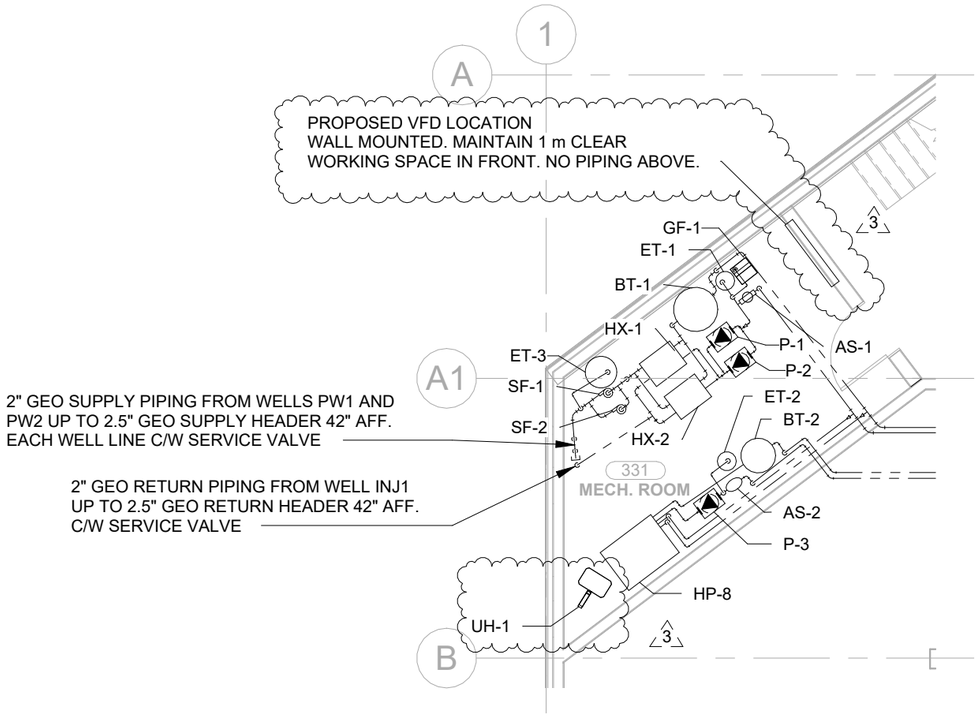
Project Title: Holland College Summerside Waterfront Campus - GreenBuild Trade Expansion

Sheet Title: Interior Trade Centre Entrance - Floor Plan, Elevation, Section & Details

Scale: As indicated	Drn By: KAH
Date: 2026-11-17	Chk By: SDM

Project Number: 261102

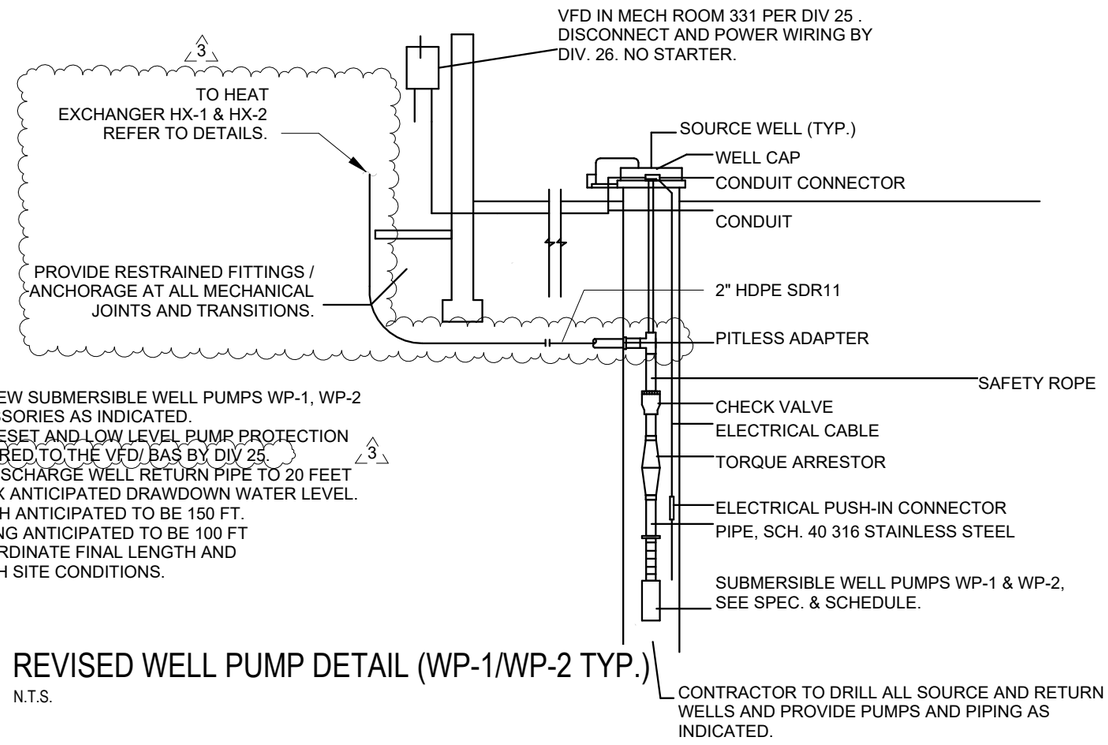
Drawing Number: ASK006



1 MSK001

REVISED MECH ROOM 331 – HYDRONIC SUPPLY & RETURN PLAN

1/8" = 1'-0"



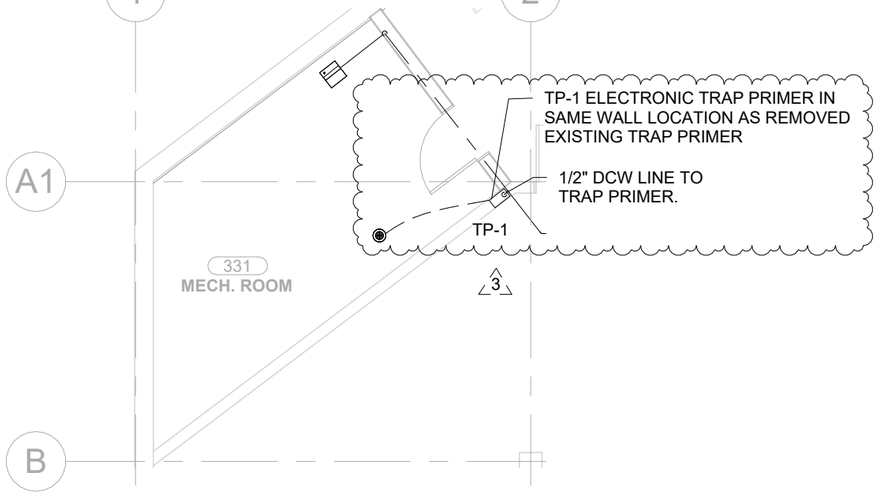
NOTES:

1. PROVIDE NEW SUBMERSIBLE WELL PUMPS WP-1, WP-2 AND ACCESSORIES AS INDICATED.
2. PROVIDE RESET AND LOW LEVEL PUMP PROTECTION PROBES WIRED TO THE VFD/ BAS BY DIV 25.
3. PROVIDE DISCHARGE WELL RETURN PIPE TO 20 FEET BELOW MAX ANTICIPATED DRAWDOWN WATER LEVEL.
4. WELL DEPTH ANTICIPATED TO BE 150 FT. WELL CASING ANTICIPATED TO BE 100 FT DEEP. COORDINATE FINAL LENGTH AND DEPTH WITH SITE CONDITIONS.

2 MSK001

REVISED WELL PUMP DETAIL (WP-1/WP-2 TYP.)

N.T.S.



3 MSK001

PARTIAL PLUMBING DOMESTIC WATER MAIN FLOOR PLAN– NEW TRAP PRIMER LOCATION

1/8" = 1'-0"

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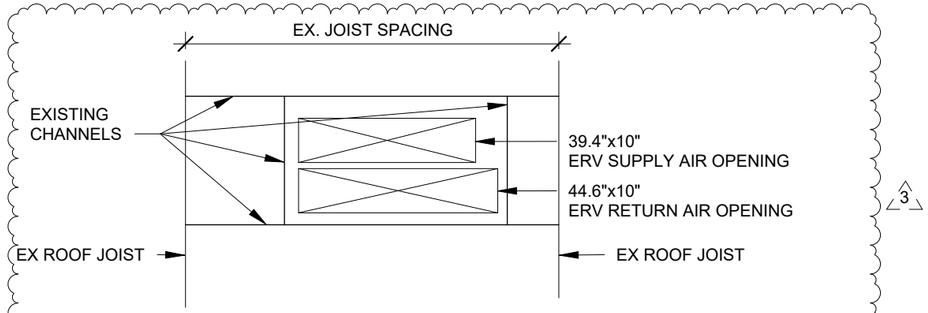
Client: Holland College

Project Title: Holland College Summerside Waterfront GreenBuild Trade Expansion

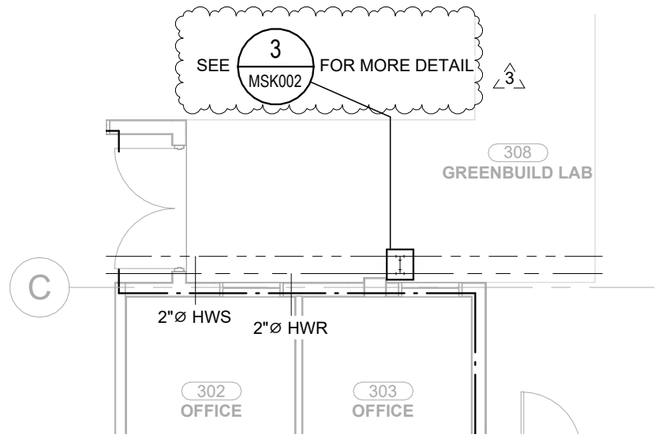
Sheet Title: Mech Room 331 Partial Hydronic Plan & Well Pump Detail

Scale:	Drn By: JRN
Date: 2026-11-16	Chk By: MGC
Project Number: 261102	
Drawing Number: MSK001	

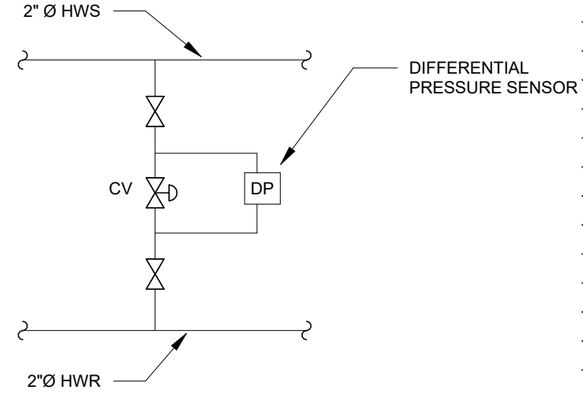
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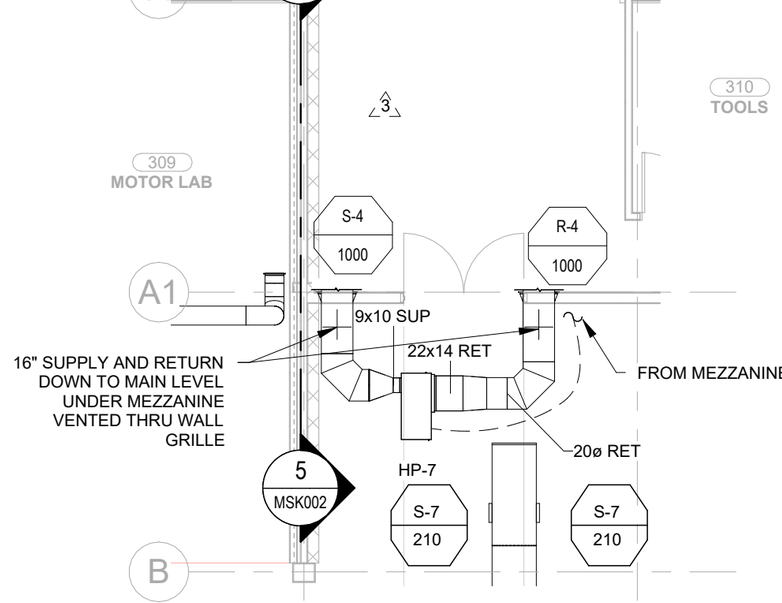
1 MSK002 — REVISED ERV ROOF OPENING DETAIL
N.T.S.



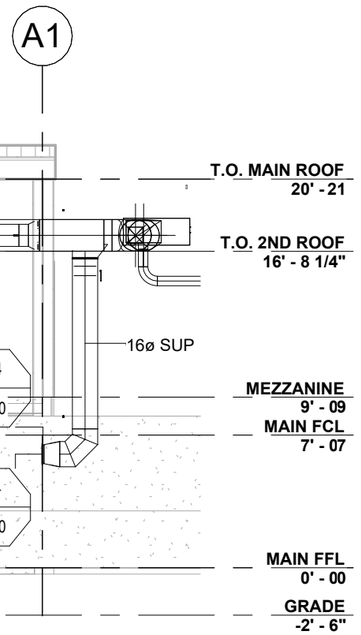
2 MSK002 — PARTIAL MAIN FLOOR PLAN – HEATING BYPASS LOCATION
1/8" = 1'-0"



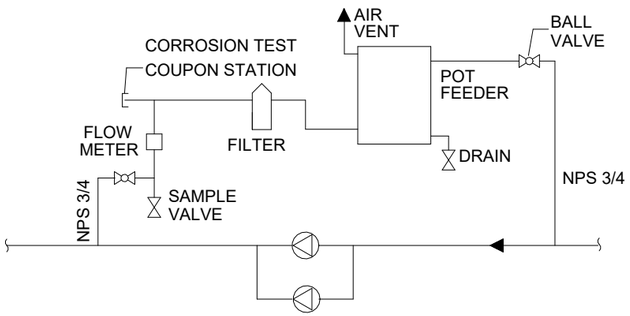
3 MSK002 — HEATING BYPASS LINE
N.T.S.



4 MSK002 — PARTIAL MAIN FLOOR PLAN – S&R CORRIDOR DUCT DROP
1/8" = 1'-0"



5 MSK002 — DUCT DROP TO SIDEWALL SUPPLY/RETURN
N.T.S.



6 MSK002 — POT FEEDER DETAIL
N.T.S.

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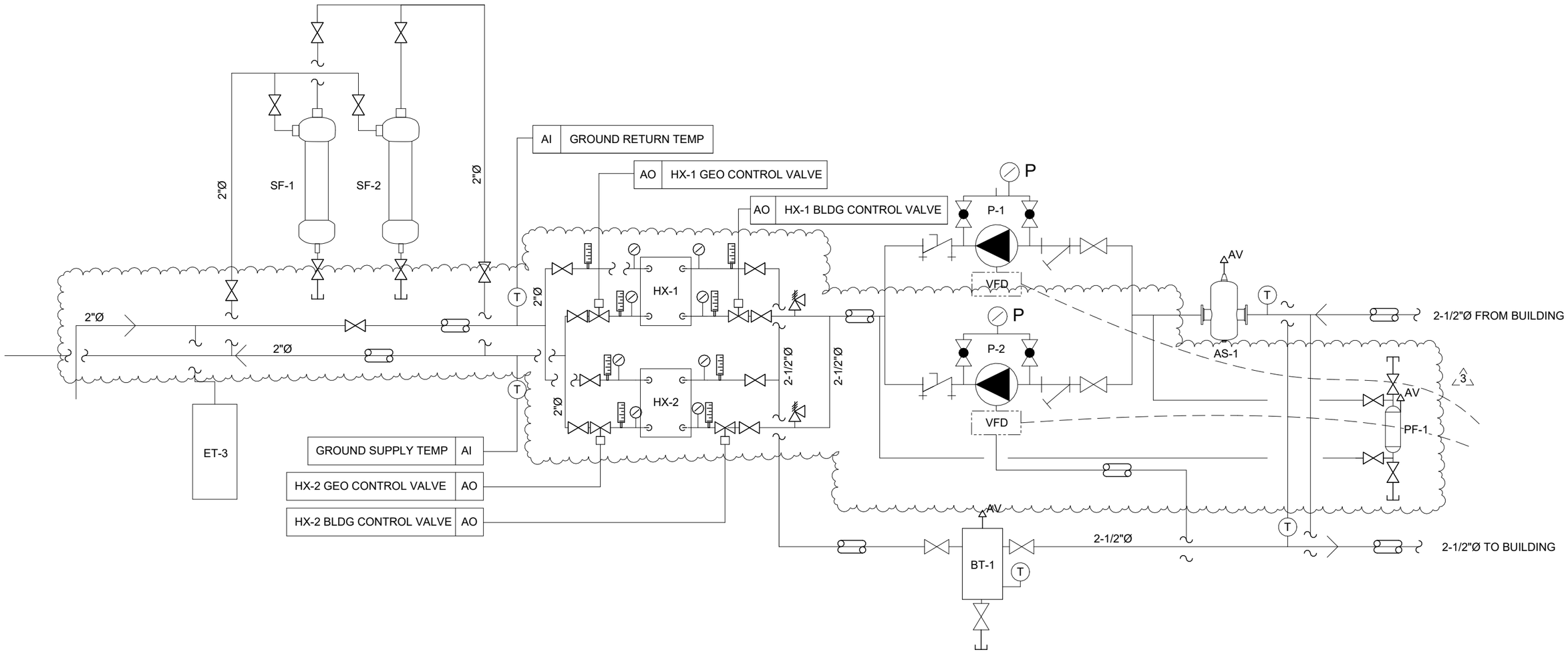
11/16/2026 3:18:24 PM

Client: Holland College

Project Title: Holland College Summerside Waterfront GreenBuild Trade Expansion

Sheet Title: Revised ERV Roof Opening, Bypass Line Location & S&R Corridor Duct Drop

Scale:	Drn By: JRN
Date: 2026-11-16	Chk By: MGC
Project Number: 261102	
Drawing Number: MSK002	



1
MSK003

REVISED PARTIAL GEOTHERMAL PID

N.T.S.

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Client:
Holland College

Project Title:
Holland College Summerside Waterfront GreenBuild Trade Expansion

Sheet Title:
Revised Partial Geothermal PID

Scale:	Drn By: JRN
Date: 2026-11-16	Chk By: MGC
Project Number: 261102	
Drawing Number: MSK003	

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EX. PROPERTY LINE

WP-1 / WP-2 LOCATED IN PW1 AND PW2. VFDS LOCATED IN MECH ROOM 331. VFDS SUPPLIED AND INSTALLED BY DIV 25. POWER, HIGH VOLTAGE WIRING, JUNCTION BOXES, AND CONDUIT TO EACH WELL HEAD BY DIV 26. WIRING FROM WELL HEAD TO PUMP MOTOR TO BE PROVIDED BY PUMP MANUFACTURER. LOW VOLTAGE CONTROL WIRING TO BAS BY DIV 25.

PW2

PW1

3

INJ1

EX. EDGE OF ASPHALT

2" SDR11 PE GEOTHERMAL PIPING TO INJECTION WELL INJ1

2" SDR11 PE GEOTHERMAL PIPING TO PRODUCTION WELLS PW1 AND PW2

EX. U/G TEL LINE

EASEMENT

EX. ASPHALT PARKING LOT

EX. BUILDING
HOLLAND COLLEGE - SUMMERSIDE
WATERFRONT CAMPUS
CIVIC #98
PID 993535

1 MSK004 **REVISED GEO WELL PLAN**

1/16" = 1'-0"

MINIMUM COVER FOR ALL HORIZONTAL PIPING 1830mm (6FT)

FILL SHALL BE SELECT BORROW COMPACTED TO 100% STANDARD PROCTOR. IN AREA WHERE TRENCH EXCAVATION PASS UNDER SIDEWALKS LAST 152mm (6") LIFT SHALL BE TYPE 5 FILL COMPACTED TO 100% STD. PROCTOR DENSITY.

ALL EARTH BANKS CREATED BY EXCAVATING SHALL BE SLOPED PER REGULATORY REQUIREMENTS AND AT SUFFICIENT ANGLE TO PREVENT SLIDING OR CAVING IN. IF THEY ARE NOT ADEQUATELY SLOPED, THEN SHORING AND/OR TRENCH BOXES MUST BE USED.

914mm (36") 914mm (36")

50mm (2") SDR11 PIPES (3 TOTAL)

PIPE SPACING 50mm (2") MINIMUM

UNDISTURBED SOIL

CLASS A OR GRANULAR FILL TO BE PLACED AS PER SPECIFICATION SECTION 31 23 33.01.

2 MSK004 **TRENCHING DETAIL**

N.T.S.

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Client: Holland College

Project Title: Holland College Summerside Waterfront GreenBuild Trade Expansion

Sheet Title: Revised Geothermal Well Locations & Details

Scale:	Drn By: JRN
Date: 2026-11-16	Chk By: MGC

Project Number: 261102

Drawing Number: MSK004

UNIT HEATER SCHEDULE

TAG	TYPE	MAKE	MODEL	LOCATION	OUTPUT (KW)	AIRFLOW (CFM)	ELECTRICAL (V/ PH/ HZ)	NOTES
UH-1	ELECTRIC UNIT HEATER	OUELLET	OAS02008AM	331 MECH ROOM	2	510	208/1/60	C/W FACTORY-INSTALLED, UNIT-MOUNTED THERMOSTAT (OAS-T), FACTORY WIRED AND WALL/CEILING MOUNTING BRACKET. MOUNT HIGH ON WALL, 8 FT AFF. AIM LOUVERS ALONG EXTERIOR WALL AND OVER EXPOSED PIPING. SET THERMOSTAT TO 15°C. MAINTAIN MANUFACTURER 'S CLEARANCES. POWER AND DISCONNECT BY DIV. 26.

TANK SCHEDULE

TAG	TYPE	MAKE	MODEL	LOCATION	WORKING FLUID	TANK VOLUME (GAL)	MAX OPERATING TEMPERATURE (°C)	MAX. WORKING PRESSURE (PSI)	PRE-CHARGE PRESSURE (PSI)	DIAMETER (IN)	HEIGHT (IN)	SHIPPING WEIGHT (Lbs)	CONNECTION SIZE (IN)	NOTES △3
ET-1	HYDRONIC EXPANSION TANK EXTROL	AMTROL	200-L	331 MECH ROOM	20% PROP. GLYCOL	53	115	125	12	24	38	190	1	ALLOW FOR 18 IN CLEARANCE ABOVE TANK FOR PIPING SYSTEM CONNECTION. COMPLETE WITH ASME AND PEI CRN CERTIFICATION. MOUNT ON HOUSEKEEPING PAD.
ET-2	HYDRONIC EXPANSION TANK EXTROL	AMTROL	AX-15V-DD	331 MECH ROOM	WATER	2	115	125	12	12	22	38	3/4	ALLOW FOR 18 IN CLEARANCE ABOVE TANK FOR PIPING SYSTEM CONNECTION. COMPLETE WITH ASME AND PEI CRN CERTIFICATION. MOUNT ON HOUSEKEEPING PAD.
ET-3	FIBREGLASS COMPOSITE PRESSURE TANK	PENTAIR	WELLMATE WM-4 (WM0060C)	331 MECH ROOM	SEA WATER	14.5	49	125	25	16	26	14.5	1	ALLOW FOR 18 IN CLEARANCE ABOVE TANK FOR PIPING SYSTEM CONNECTION. FIBREGLASS COMPOSITE TANK, NON-CORROSIVE, SUITABLE FOR SEA WATER SERVICE. ALL WETTED COMPONENTS AND CONNECTIONS IN CONTACT WITH SEA WATER, INCLUDING INLET/OUTLET FITTINGS, SHALL BE NON-METALLIC MOUNT ON HOUSEKEEPING PAD.
BT-1	BUFFER TANK (4-PORT, USED AS 2-PORT)	THERMO 2000	BUFFMAX 50	331 MECH ROOM	20% PROP. GLYCOL	50	-	150	-	22	57	230	2-1/2	C/W ½" AUTOMATIC AIR VENT W/ SHUT-OFF, 2½" TEMP. & PRESSURE INDICATOR, IMMERSION WELL, ¾" DRAIN VALVE, 2" POLYURETHANE INSULATION AND ADJUSTABLE LEGS. USE ONE PORT EACH SIDE AS INLET/OUTLET; PLUG UNUSED PORTS. MOUNT ON HOUSEKEEPING PAD.
BT-2	BUFFER TANK (4-PORT, USED AS 2-PORT)	THERMO 2000	BUFFMAX 30	331 MECH ROOM	WATER	30	-	150	-	18	56	185	1-1/2	C/W ½" AUTOMATIC AIR VENT W/ SHUT-OFF, 2½" TEMP. & PRESSURE INDICATOR, IMMERSION WELL, ¾" DRAIN VALVE, 2" POLYURETHANE INSULATION AND ADJUSTABLE LEGS. USE ONE PORT EACH SIDE AS INLET/OUTLET; PLUG UNUSED PORTS. MOUNT ON HOUSEKEEPING PAD.

△3

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Client: Holland College

Project Title: Holland College Summerside Waterfront GreenBuild Trade Expansion

Sheet Title: Heating Schedules

Scale:	Drn By: JRN
Date: 2026-11-16	Chk By: MGC
Project Number: 261102	
Drawing Number: MSK006	

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TRAP PRIMER SCHEDULE

TAG	TYPE	MATERIAL	BASIS OF DESIGN	SAN (IN)	VENT (IN)	DCW (IN)	DHW (IN)	TRIM TYPE	NOTE
TP-1	ELECTRONIC TRAP PRIMER	16 GA STEEL BOX	PRECISION PLUMBING PRODUCTS MINI-PRIME MPB-500-115V	-	-	0.5"	-	-	ELECTRONIC TRAP PRIMER IN 12"×12"×4" NEMA 1 STEEL BOX W/ SCREW COVER MOUNTED ON WALL. C/W 24-HR TIMER (12 SEC / 24 HRS). PRIMER LINE TO FFD-2: MIN. 12" BEFORE FIRST 90° ELBOW. 120V, HARD-WIRED BY DIV. 26.

3

POT FEEDER SCHEDULE

TAG	BASIS OF DESIGN	SIZE	PRESSURE VESSEL VOLUME (L)	MAX PRESSURE (PSI)	NOTES
PF-1	AXIOM CBF-2	3/4"	7.6	265	C/W FILL FUNNEL, FILTER, FLOW METER, ¾" ISOLATION VALVES AND DRAIN VALVE

3

ENERGY RECOVERY VENTILATOR SCHEDULE

TAG	BASIS OF DESIGN	O.A AIRFLOW (CFM)	E.A. AIRFLOW (CFM)	ESP (IN. W.C.)	WINTER MODE				SUMMER MODE				ELECTRICAL			WEIGHT (Lbs)	DIMENSIONS		
					O.A.TEMP. (°F)	S.A.T. (°F) DB/WB	R.A.T. (°F) DB.WB	RECOVERED CAPACITY (BTU/HR)	O.A. TEMP. (°F)	S.A.T. (°F) DB/WB	R.A.T. (°F) DB/WB	RECOVERED CAPACITY (BTU/HR)	V/Ph/Hz	MCA (A)	MOP (A)		HEIGHT (IN)	WIDTH (IN)	LENGTH (IN)
ERV-1	SYSTEMAIR TOPVEX ERV-4600RT-EC	4,400	4,400	1.5	-2.0 / -2.0	48.2 / 43.1	70.0 / 56.9	324,120	81 / 70.0	73.8 / 64.1	70.0/ 58.5	91,400	208 / 3 / 60	18.9	25	1400	61.7	65.6	94.7

3

NOTES:
COMPLETE WITH ROTARY ENTHALPY WHEEL, OUTDOOR RATED CASING, BASEFRAME, SUPPLY INLET LOUVER, EXHAUST OUTLET HOOD. ROOF CURB TO BE CONSTRUCTED TO MANUFACTURER'S CERTIFIED DRAWINGS.

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Client: Holland College

Project Title: Holland College Summerside Waterfront GreenBuild Trade Expansion

Sheet Title: Plumbing & Ventilation Schedules

Scale:
Drn By: JRN
Date: 2026-11-16
Chk By: MGC
Project Number: 261102
Drawing Number: MSK007

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GRILLE & DIFFUSER SCHEDULES

TAG	TYPE	MANUFACTURER	MODEL	SIZE (in x in)	NECK SIZE (in)	AIRFLOW (CFM)	NOTES
S-1	ADJUSTABLE ALUMINUM ROUND SWIRL DIFFUSER	EFFECTIV	AX6	19 Ø	12.5 Ø	515	SELF-ACTUATING THERMOSTATIC DIFFUSER C/W INTEGRAL WAX-PISTON ELEMENT THAT AUTOMATICALLY ADJUSTS BLADES BASED ON SUPPLY AIR TEMPERATURE (HORIZONTAL SWIRL IN COOLING, DOWNWARD PROJECTION IN HEATING). INTEGRATED AIR EQUALIZER. INSTALL SUSPENDED FROM STRUCTURE AT 16'-0" AFF.
S-2	3 CONE DIFFUSER	AIRVECTOR	DF3	24 x 24	10 Ø	305	LAY-IN T-BAR CEILING MOUNT. C/W OPPOSED BLADE DAMPER. WHITE. △3
S-3	3 CONE DIFFUSER	AIRVECTOR	DF3	24 x 24	8 Ø	195	LAY-IN T-BAR CEILING MOUNT. C/W OPPOSED BLADE DAMPER. WHITE.
S-4	SUPPLY GRILLE	AIRVECTOR	GSA27-H	28X12	-	1000	DOUBLE DEFLECTION SUPPLY GRILLE, MOUNTED ON EXPOSED DUCT / SIDEWALL AS SHOWN. C/W OPPOSED BLADE DAMPER. WHITE.
S-5	SUPPLY GRILLE	AIRVECTOR	GSA27-H	18X10	-	515	DOUBLE DEFLECTION SUPPLY GRILLE, MOUNTED ON EXPOSED DUCT / SIDEWALL AS SHOWN. C/W OPPOSED BLADE DAMPER. WHITE.
S-6	SUPPLY GRILLE	AIRVECTOR	ADLD17	12 × 6	-	320	DRUM LOUVER W/ OBD, MOUNTED BOTH SIDES OF DUCT, AIMED 15 –20° DOWN, ADJUST AND LOCK DURING BALANCING
S-7	SUPPLY GRILLE	AIRVECTOR	ADLD17	9 × 6		210	DRUM LOUVER W/ OBD, MOUNTED BOTH SIDES OF DUCT, AIMED 15 –20° DOWN, ADJUST AND LOCK DURING BALANCING
R-1	PERFORATED CEILING RETURN	AIRVECTOR	PRM	24X24	10 Ø	290	LAY-IN T-BAR CEILING MOUNT. C/W ROUND NECK COLLAR. WHITE.
R-2	PERFORATED CEILING RETURN	AIRVECTOR	PRM	24X24	6 Ø	70	LAY-IN T-BAR CEILING MOUNT. C/W ROUND NECK COLLAR. WHITE.
R-3	PERFORATED CEILING RETURN	AIRVECTOR	PRM	24X24	8 Ø	200	LAY-IN T-BAR CEILING MOUNT. C/W ROUND NECK COLLAR. WHITE.
R-4	RETURN REGISTER	AIRVECTOR	GSA40	28X12	-	1000	FIXED LOUVER RETURN REGISTER, SIDEWALL / DUCT MOUNT AS SHOWN.
R-5	RETURN REGISTER	AIRVECTOR	GSA40	18X10	-	375	FIXED LOUVER RETURN REGISTER, SIDEWALL / DUCT MOUNT AS SHOWN.
E-1	PERFORATED CEILING RETURN	AIRVECTOR	PRM	24X24	14 Ø	825	-
E-2	PERFORATED CEILING RETURN	AIRVECTOR	PRM	24X24	10 Ø	295	LAY-IN T-BAR CEILING MOUNT. C/W ROUND NECK COLLAR. BALANCING DAMPER IN BRANCH DUCT. WHITE.
E-3	PERFORATED CEILING RETURN	AIRVECTOR	PRM	24X24	8 Ø	175	LAY-IN T-BAR CEILING MOUNT. C/W ROUND NECK COLLAR. BALANCING DAMPER IN BRANCH DUCT. WHITE.
E-4	PERFORATED CEILING RETURN	AIRVECTOR	PRM	24X24	6 Ø	70	LAY-IN T-BAR CEILING MOUNT. C/W ROUND NECK COLLAR. BALANCING DAMPER IN BRANCH DUCT. WHITE.

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Client: Holland College

Project Title: Holland College Summerside Waterfront GreenBuild Trade Expansion

Sheet Title: Plumbing & Ventilation Schedules 2

Scale:
Drn By: JRN
Date: 2026-11-16
Chk By: MGC
Project Number: 261102
Drawing Number: MSK008

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