

CONTRACT DRAWINGS
CONTRACT NO. 2023-4010
ADDENDUM NO. 5

SUPPLEMENTARY LEGEND

-
- SITE CONSTRUCTION (FLEXIBLE PAVEMENT STRUCTURE)
-50mm SUPERPAVE 12.5
-50mm SUPERPAVE 19.0

PARTIAL DEPTH PAVEMENT
-50mm SUPERPAVE 12.5

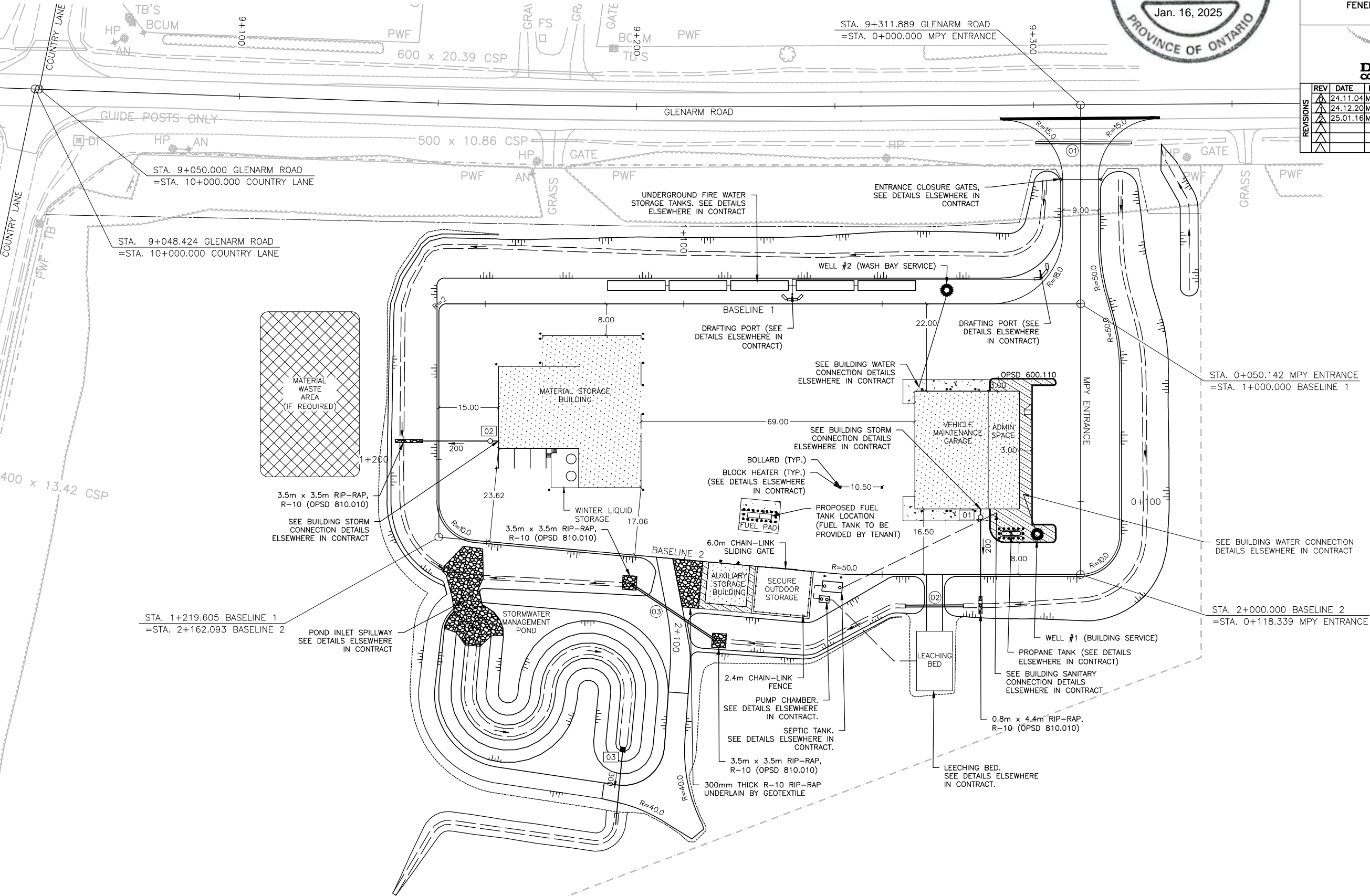
WASTE AREA (IF REQUIRED)
-
- BUILDING ENVELOPE

CONCRETE SIDEWALK

CONCRETE PAVEMENT

HIGHWAY FENCE (MTOD 971.101)

CHAIN-LINK FENCE (MTOD 972.130)
-
- RIP-RAP



CONT No. 2023-4010
GWP No. 4044-22-00

NEW CONSTRUCTION

MPY SITE

FENELON FALLS MPY

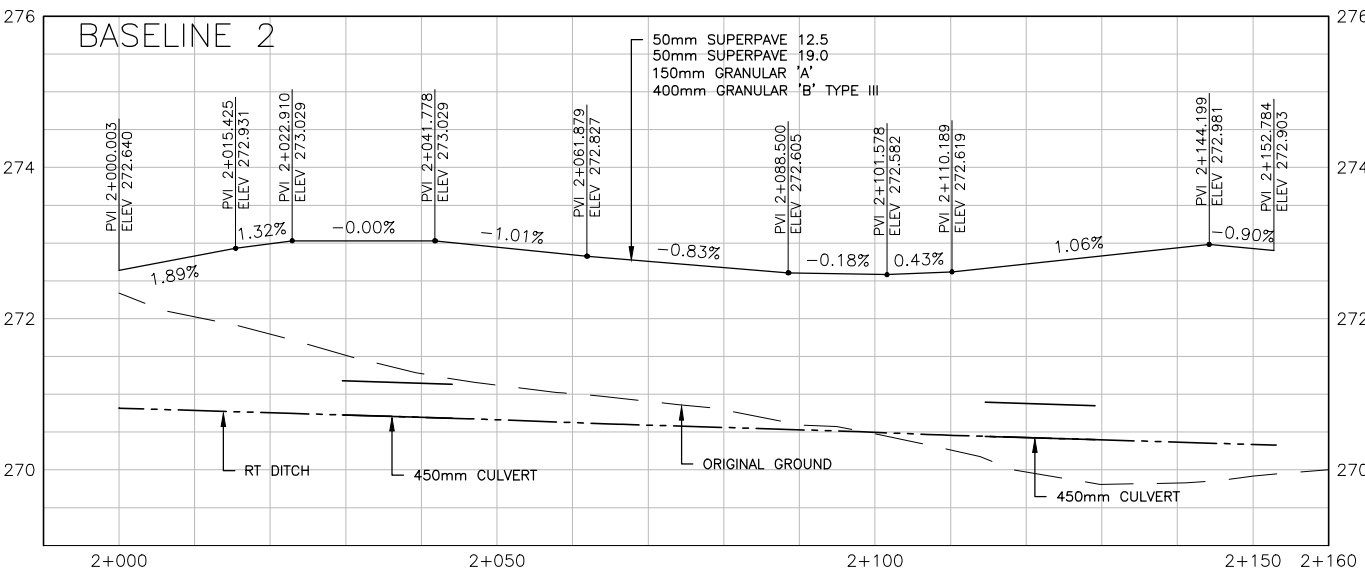
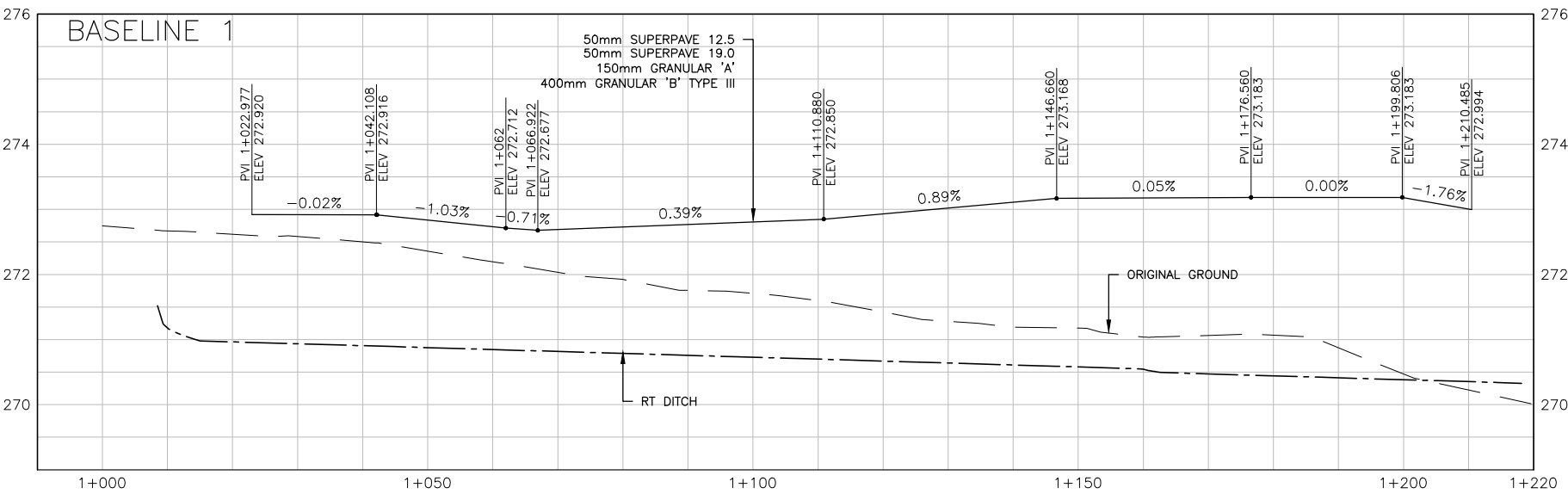
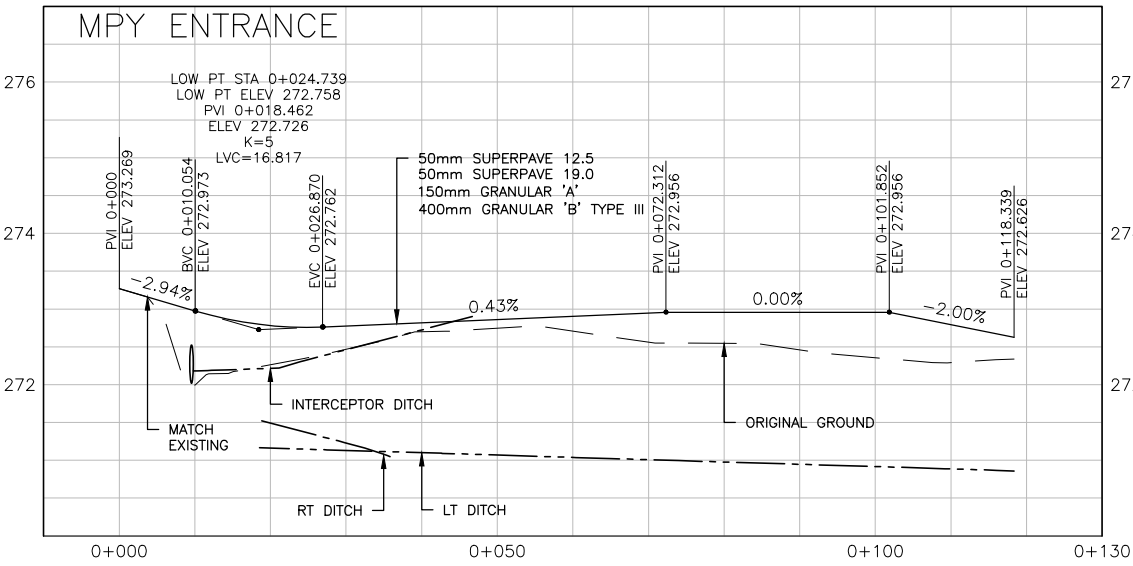
DILLON
CONSULTING

REV	DATE	BY	DESCRIPTION
Δ	24.11.04	MDP	ISSUED FOR TENDER
Δ	24.12.20	MDP	ISSUED FOR ADDENDUM 3
Δ	25.01.16	MDP	ISSUED FOR ADDENDUM 5



SHEET
09B

DATE PLOTTED: 1/15/2025 3:56:05 PM
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CONT No. 2023-4010
GWP No. 4044-22-00

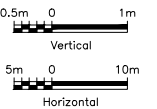
PROFILES

SHEET
10A

MPY SITE
FENELON FALLS MPY



REVISIONS	REV	DATE	BY	DESCRIPTION
	1	24.10.21	MDP	ISSUED FOR TENDER
	2	25.01.16	MDP	ISSUED FOR ADDENDUM 5
	3			
	4			
	5			



SUPPLEMENTARY LEGEND

- FF DENOTES FINISHED FLOOR ELEVATION
✱ DENOTES FINISHED GROUND ELEVATION
- · - · - DENOTES SLOPE BREAKPOINT



CONT No. 2023-4010
GWP No. 4044-22-00



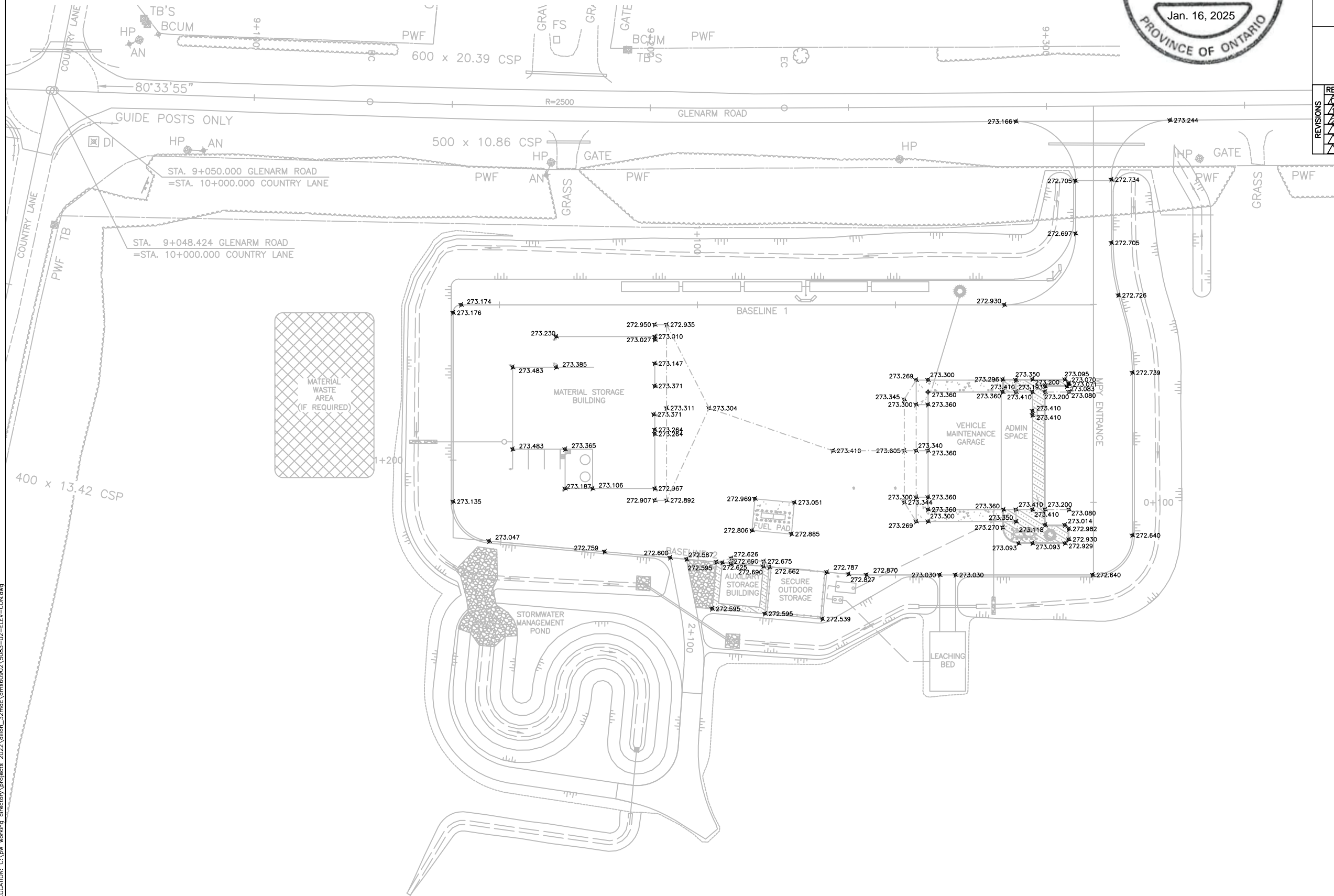
MISCELLANEOUS DETAILS

SHEET
19B

KEY ELEVATIONS
FENELON FALLS MPY



REV	DATE	BY	DESCRIPTION
Δ	24.10.21	MDP	ISSUED FOR TENDER
Δ	24.12.20	MDP	ISSUED FOR ADDENDUM 3
Δ	25.01.16	MDP	ISSUED FOR ADDENDUM 5
Δ			
Δ			
Δ			



SUPPLEMENTARY LEGEND

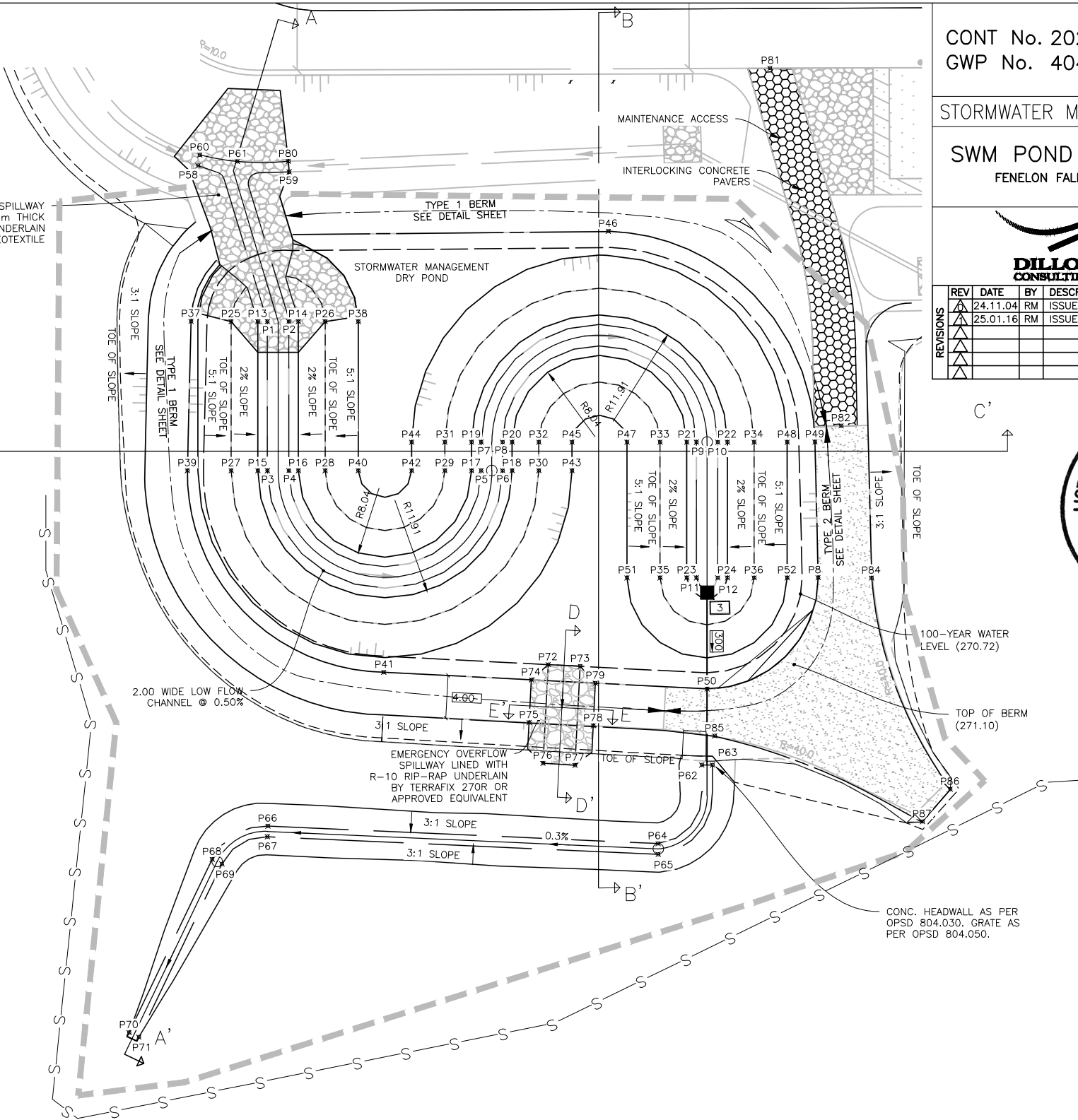
	RIP RAP (R-10)
	HEAVY DUTY SILT FENCE BARRIER AS PER OPSD 219.130
	LIMITS OF STORMWATER MANAGEMENT POND CONSTRUCTION AREA
	DENOTES LAYOUT REFERENCE POINT
	DENOTES BOTTOM OF BANK/SLOPE
	INTERLOCKING CONCRETE PAVER
	GRANULAR 'A'

NOTES:

1. SEE SHEET 22 FOR SECTION VIEW OF A-A', B-B', and C-C'.

POINT TABLE				
No.	ELEVATION (m)	NORTHING (m)	EASTING (m)	DESCRIPTION
1	270.000	4931289.4471	361026.7221	LOW FLOW CHANNEL
2	270.000	4931290.3416	361028.5109	LOW FLOW CHANNEL
3	269.932	4931276.9628	361032.9687	LOW FLOW CHANNEL
4	269.932	4931277.8577	361034.7573	LOW FLOW CHANNEL
5	269.779	4931285.9122	361050.8547	LOW FLOW CHANNEL
6	269.779	4931286.8071	361052.6433	LOW FLOW CHANNEL
7	269.766	4931288.3026	361049.6587	LOW FLOW CHANNEL
8	269.766	4931289.1975	361051.4472	LOW FLOW CHANNEL
9	269.612	4931297.3179	361067.6764	LOW FLOW CHANNEL
10	269.612	4931298.2129	361069.4650	LOW FLOW CHANNEL
11	269.550	4931285.9580	361073.3605	LOW FLOW CHANNEL
12	269.550	4931286.8529	361075.1491	LOW FLOW CHANNEL
13	270.293	4931289.0444	361025.9172	POND
14	270.300	4931290.7447	361029.3156	POND
15	270.232	4931276.5600	361032.1639	POND
16	270.232	4931278.2604	361035.5622	POND
17	270.079	4931285.5094	361050.0499	POND
18	270.079	4931287.2098	361053.4482	POND
19	270.066	4931287.8999	361048.8538	POND
20	270.066	4931289.6003	361052.2521	POND
21	269.912	4931296.9159	361066.8712	POND
22	269.912	4931298.6156	361070.2699	POND
23	269.850	4931285.5553	361072.5556	POND
24	269.850	4931287.2556	361075.9539	POND
25	270.350	4931287.9257	361023.6815	POND
26	270.350	4931291.8634	361031.5513	POND
27	270.282	4931275.4414	361029.9281	POND
28	270.282	4931279.3791	361037.7980	POND
29	270.129	4931284.3901	361047.8144	POND
30	270.129	4931288.3278	361055.6843	POND
31	270.116	4931286.7812	361046.6180	POND
32	270.116	4931290.7189	361054.4879	POND
33	269.962	4931295.7965	361064.6358	POND
34	269.962	4931299.7343	361072.5056	POND
35	269.900	4931284.4366	361070.3199	POND
36	269.900	4931288.3678	361078.1915	POND
37	271.100	4931286.2733	361020.3148	POND
38	270.970	4931293.2506	361034.3237	POND
39	271.100	4931273.6111	361026.2701	POND
40	270.902	4931280.7663	361040.5703	POND
41	271.100	4931264.9583	361051.1417	POND

POINT TABLE				
No.	ELEVATION (m)	NORTHING (m)	EASTING (m)	DESCRIPTION
42	270.749	4931283.0036	361045.0418	POND
43	270.749	4931289.7156	361058.4563	POND
44	270.736	4931285.3940	361043.8457	POND
45	270.736	4931292.1061	361057.2602	POND
46	271.100	4931311.2811	361051.4718	POND
47	270.582	4931294.4094	361061.8635	POND
48	270.582	4931301.1214	361075.2780	POND
49	271.100	4931302.2993	361077.5847	POND
50	271.100	4931277.1058	361078.9147	POND
51	270.520	4931283.0494	361067.5475	POND
52	270.520	4931289.7615	361080.9620	POND
58	270.317	4931299.5925	361014.3829	SPILLWAY
59	270.336	4931302.8792	361022.2727	SPILLWAY
60	270.311	4931300.5610	361014.0874	SPILLWAY
61	270.322	4931301.5874	361017.4901	SPILLWAY
62	270.082	4931270.5061	361081.6510	OUTFALL CHANNEL
63	270.081	4931270.9536	361082.5453	OUTFALL CHANNEL
64	269.473	4931262.0977	361081.2798	OUTFALL CHANNEL
65	269.469	4931261.2108	361081.7464	OUTFALL CHANNEL
66	269.370	4931247.2264	361047.8919	OUTFALL CHANNEL
67	269.366	4931246.3129	361048.2987	OUTFALL CHANNEL
68	269.352	4931242.1115	361044.6304	OUTFALL CHANNEL
69	269.352	4931242.1280	361045.6303	OUTFALL CHANNEL
70	269.301	4931224.1304	361044.9270	OUTFALL CHANNEL
71	269.301	4931224.1511	361045.9268	OUTFALL CHANNEL
72	270.800	4931272.4798	361064.5953	OVERFLOW
73	270.800	4931273.6820	361067.3439	OVERFLOW
74	271.100	4931270.5044	361063.8221	OVERFLOW
75	271.101	4931266.8397	361065.4251	OVERFLOW
76	270.800	4931264.0058	361068.2902	OVERFLOW
77	270.800	4931265.1803	361071.0505	OVERFLOW
78	271.101	4931269.2597	361070.9267	OVERFLOW
79	271.100	4931272.9089	361069.3193	OVERFLOW
80	270.336	4931303.7363	361021.7560	SPILLWAY
81	272.537	4931331.6959	361058.1681	ACCESS
82	272.537	4931304.7485	361079.1026	ACCESS
83	271.098	4931291.0703	361083.5387	TOP OF BERM
84	270.770	4931293.2772	361088.0263	TOP OF BERM
85	270.958	4931273.4872	361081.5114	TOP OF BERM
86	270.560	4931278.8871	361103.4588	TOP OF BERM
87	270.467	4931275.0132	361102.4810	TOP OF BERM



CONT No. 2023-4010
GWP No. 4044-22-00



STORMWATER MANAGEMENT

SHEET

SWM POND LAYOUT
FENELON FALLS MPY

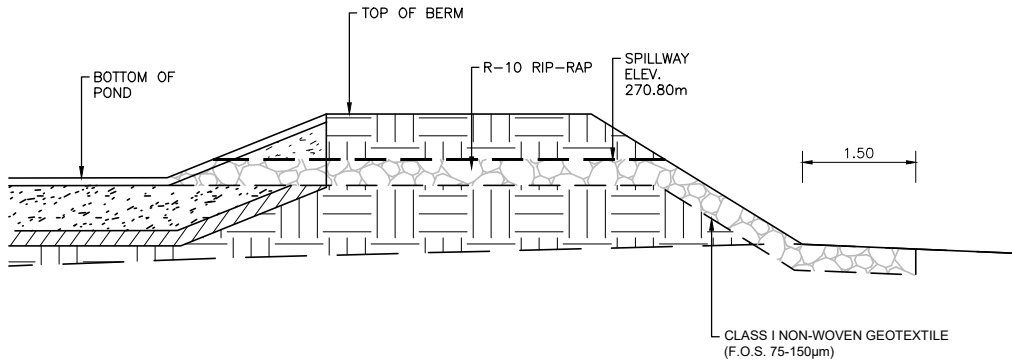
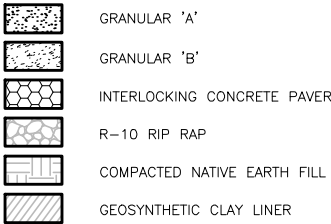
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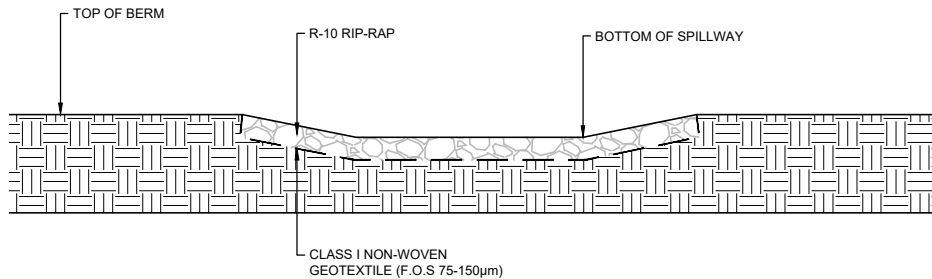
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△	25.01.16	RM	ISSUED FOR ADDENDUM 5
△			
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△			



SUPPLEMENTAL LEGEND



SPILLWAY DETAIL D-D'
(N.T.S.)



SPILLWAY DETAIL E-E'
(N.T.S.)

CONT No. 2023-4010
GWP No. 4044-22-00

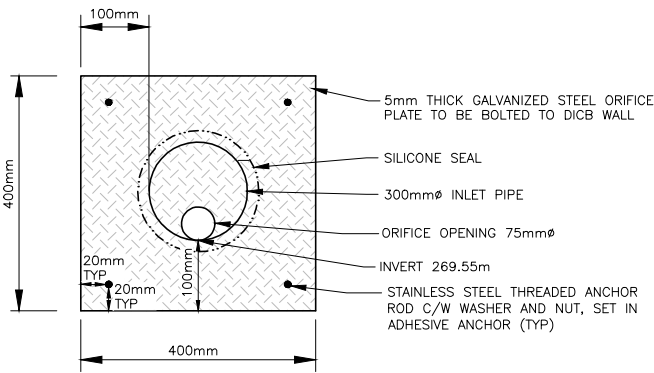
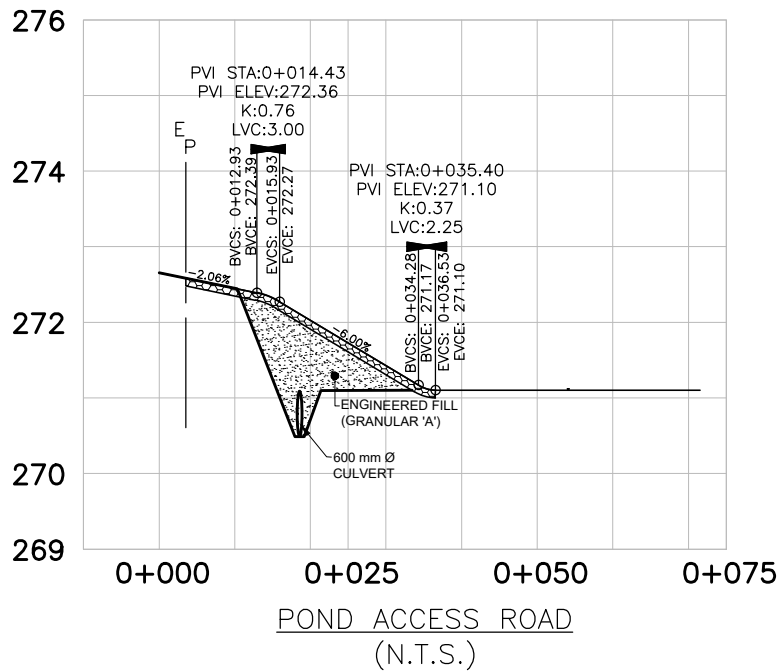
STORMWATER MANAGEMENT

SHEET
22B

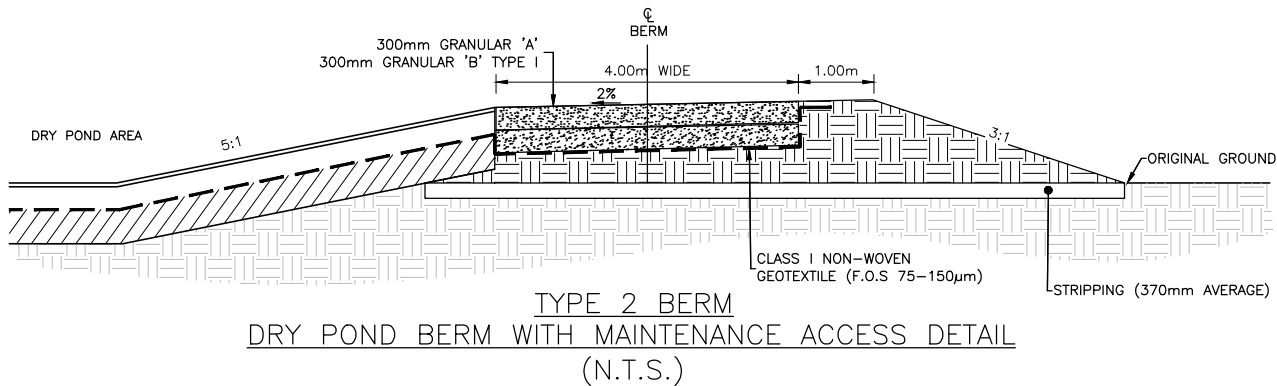
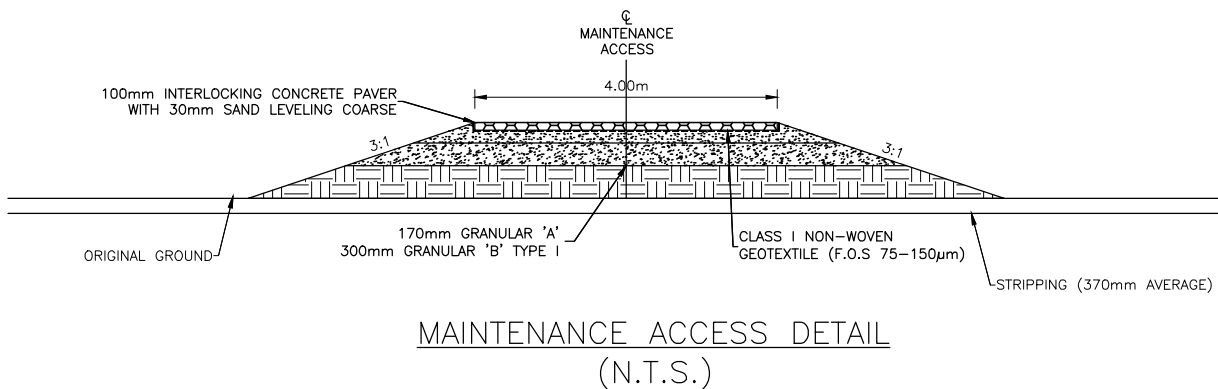
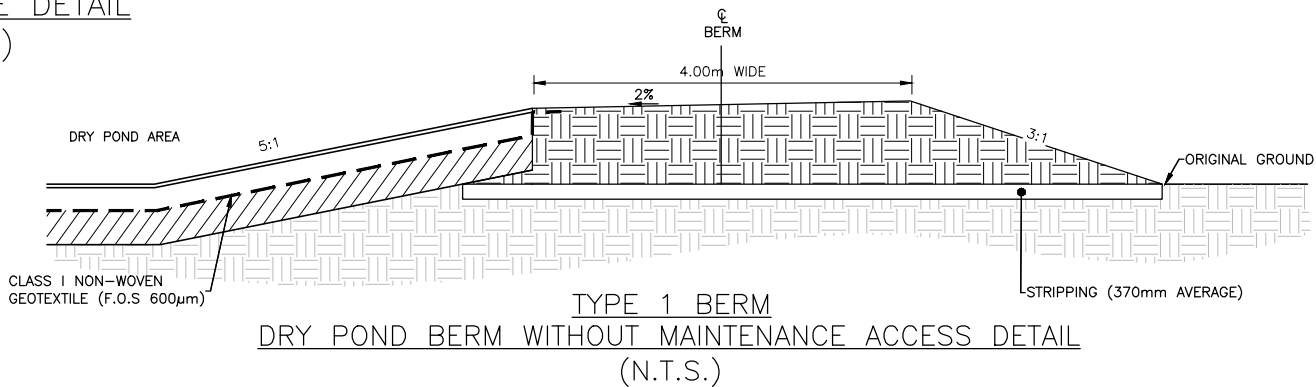
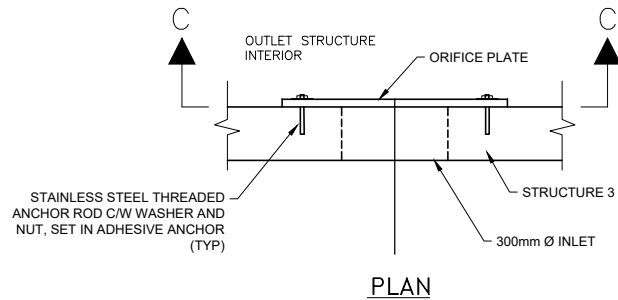
DETAILS
FENELON FALLS MPY

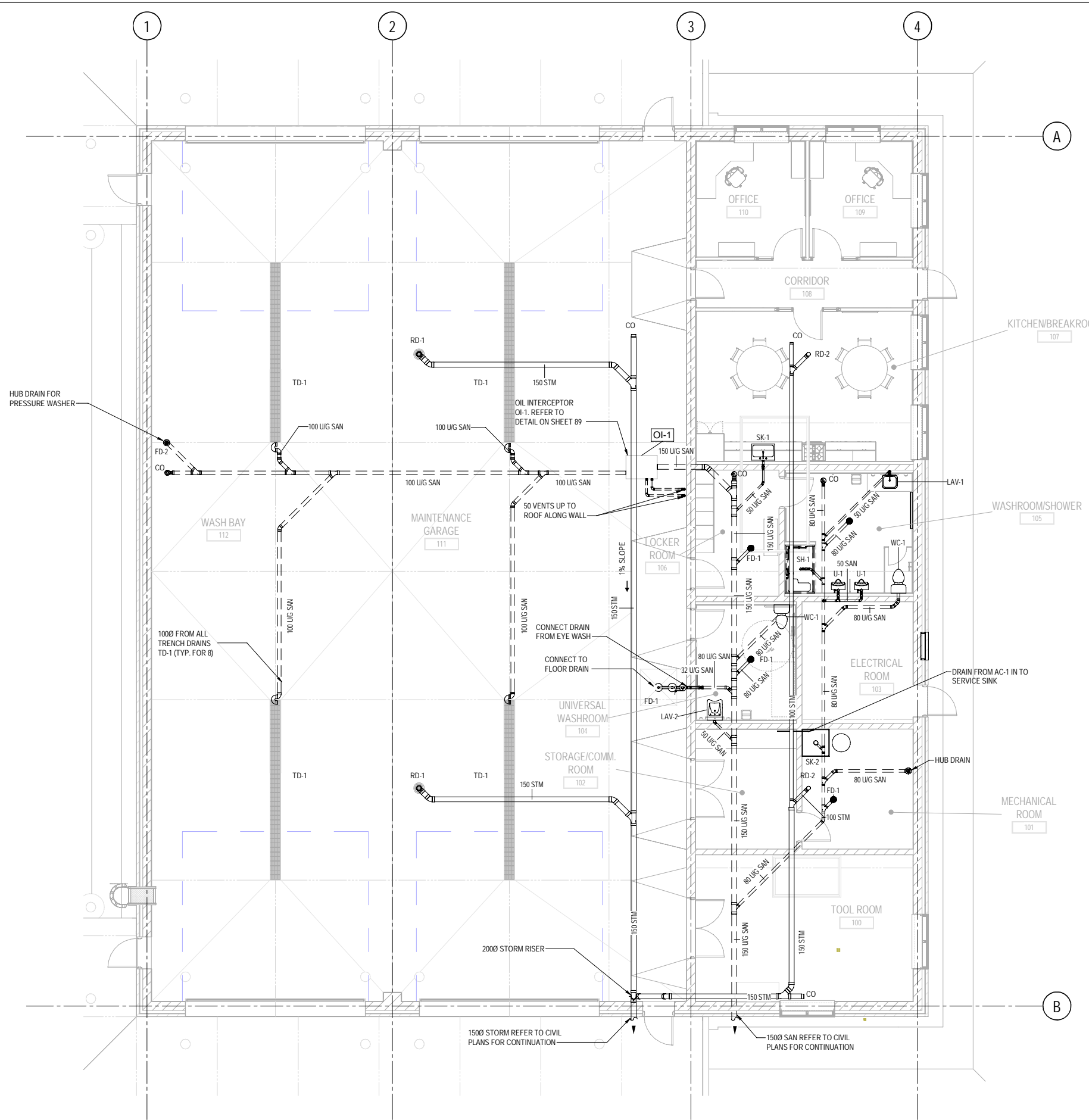


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Δ	25.01.16	RM	ISSUED FOR ADDENDUM 5
Δ			
Δ			
Δ			



SECTION C-C
ORIFICE PLATE DETAIL
(N.T.S.)





VEHICLE MAINTENANCE BUILDING FLOOR PLAN - DRAINAGE
SCALE: 1 : 75

DRAWING NOT TO BE SCALED
100 mm ON ORIGINAL DRAWING

CONT No 2023-4010
WP No 4044-22-00

MECHANICAL

FENELON FALLS MPY
VEHICLE MAINTENANCE GARAGE - FLOOR
PLAN DRAINAGE

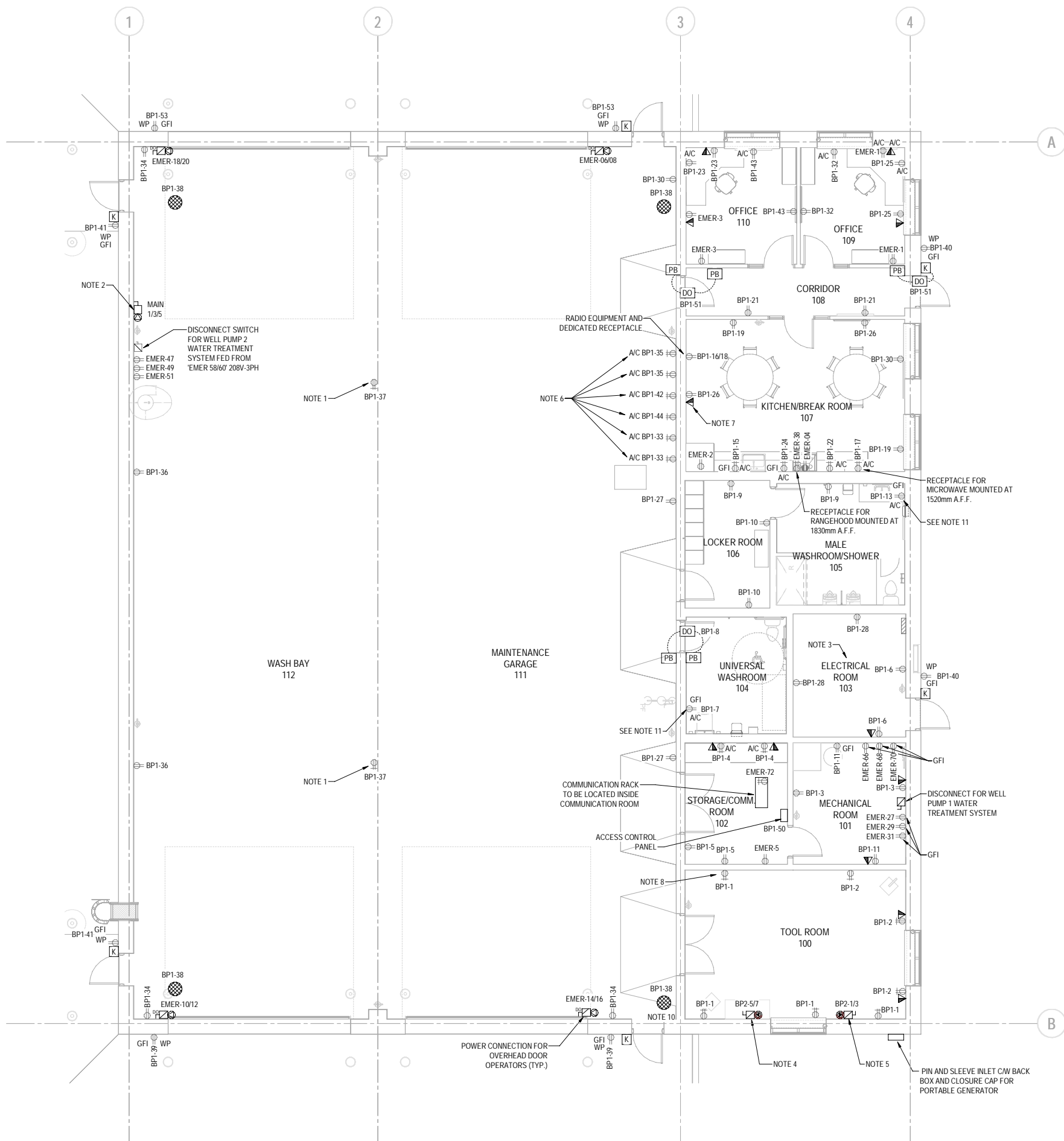
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82A

PLUMBING LEGEND	
— DCW —	DOMESTIC COLD WATER LINE
— DHW —	DOMESTIC HOT WATER LINE
— DHWR —	HOT WATER RECIRCULATION
— STM —	STORM DRAIN
— SAN —	WASTE WATER SANITARY DRAIN (BELOW GRADE)
— SAN —	WASTE WATER SANITARY DRAIN (ABOVE GRADE)
— T —	TEMPERED WATER LINE
— — — — — V — — — — —	SANITARY DRAIN VENT LINE
CO	CLEAN-OUT (SANITARY)
— — — — —	DRAIN TRAP (SANITARY)
— — — — —	PIPE CAP
— — — — —	PIPE BREAK
— — — — —	WATER HAMMER ARRESTOR
— — — — —	PIPING ELBOW UP
— — — — —	PIPING ELBOW DOWN
— — — — —	HOSE BIBB
— — — — —	FLOW DRAIN
— — — — —	FUNNEL FLOOR DRAIN
— — — — —	HOSE REEL
— — — — —	AUTOMATIC TRAP PRIMER
— — — — —	GATE VALVE
— — — — —	BALL VALVE
— — — — —	CHECK VALVE
— — — — —	Y-TYPE STRAINER SELF DRAINED
— — — — —	PRESSURE REGULATOR
— — — — —	BACK FLOW PREVENTOR
— — — — —	UNION
— — — — —	FLANGED JOINT
— — — — —	CONCENTRIC REDUCER
— — — — —	ECCENTRIC REDUCER
— — — — —	EMERGENCY SHOWER/ EYE WASH STATION
CWS	COLD WATER SUPPLY
HWS	HOT WATER SUPPLY
TWS	TEMPERED WATER SUPPLY
CA	COMPRESSED AIR
SA	SUPPLY AIR
RA	RETURN AIR
EA	EXHAUST AIR

REV	DATE	BY	DESCRIPTION
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2	24.10.21	BWD	ISSUED FOR TENDER

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VEHICLE MAINTENANCE BUILDING - POWER AND COMMUNICATIONS PLAN

SCALE: 1 : 75

DRAWING NOT TO BE SCALED
100 mm ON ORIGINAL DRAWING

PLATE No
CONT No 2023-4010
WP No 4044-22-00

ELECTRICAL

FENELON FALLS MPY
VEHICLE MAINTENANCE BUILDING -
POWER AND COMMUNICATIONS PLAN

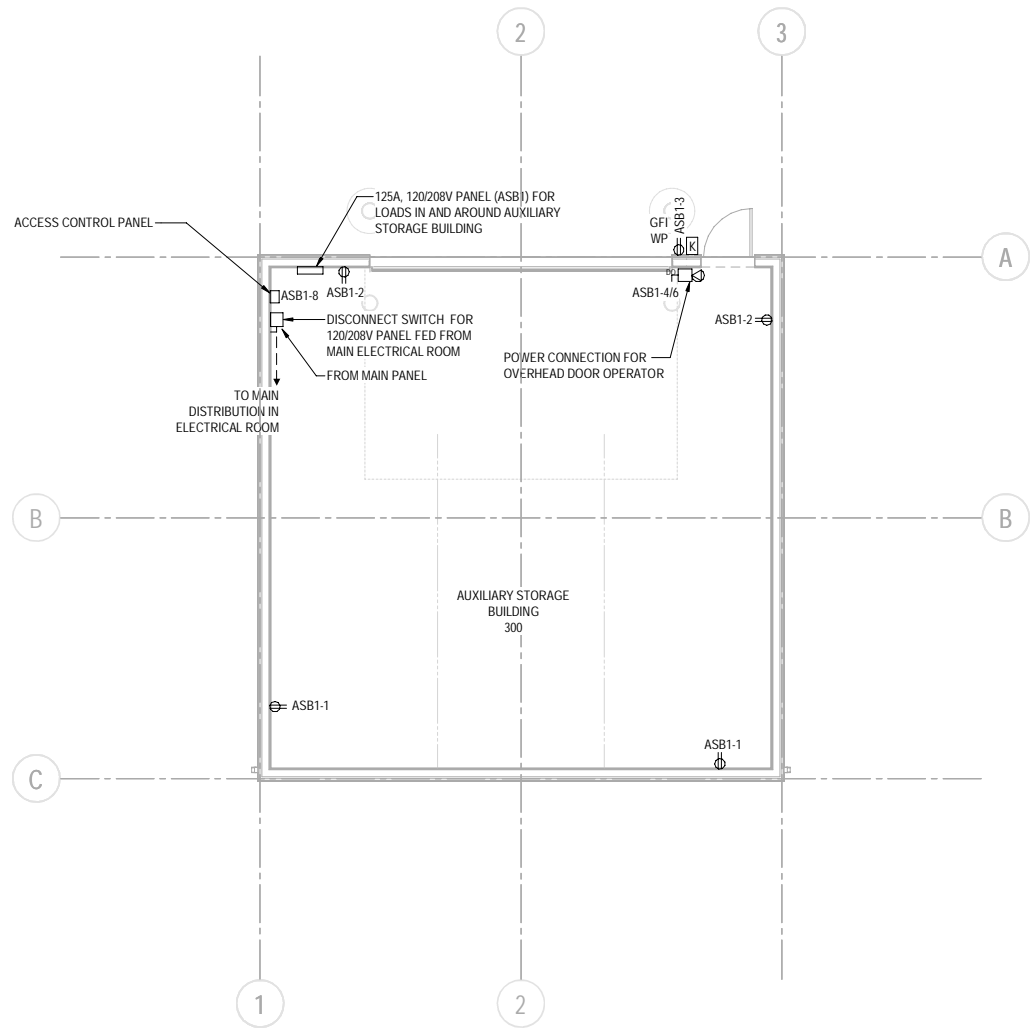
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CONSULTING

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95B

- NOTES:
- DUPLEX RECEPTACLE (CEILING MOUNTED) FOR FUTURE DROP DOWN ELECTRICAL REEL TO BE DETERMINED ON SITE.
 - THREE PHASE DIRECT CONNECTION, 600V C/W DISCONNECT SWITCH FOR PRESSURE WASHER EQUIPMENT TO BE SUPPLIED BY TENANT.
 - REFER TO ELECTRICAL ROOM LAYOUT DETAIL DRAWING FOR EQUIPMENT INFORMATION.
 - SINGLE PHASE DIRECT CONNECTION, 240V C/W DISCONNECT SWITCH FOR AIR COMPRESSOR TO BE SUPPLIED BY TENANT.
 - SINGLE PHASE DIRECT CONNECTION, 240V C/W DISCONNECT SWITCH FOR WELDING EQUIPMENT TO BE SUPPLIED BY TENANT.
 - RECEPTACLES TO BE MOUNTED OVER WORK BENCH (WORK BENCH TO BE SUPPLIED BY TENANT)
 - RECEPTACLE AND DATA OUTLET TO BE MOUNTED BEHIND WALL MOUNTED TELEVISION.
 - 120V, 20A 12 NOS. OUTLET WALL MOUNTED CSA APPROVED POWER BAR TO BE MOUNTED HERE (OVER COUNTER) FOR BATTERY CHARGING STATION FOR POWER TOOLS.
 - ALL RECEPTACLES, DATA OUTLETS AND CONDUITS LOCATED ON THE INTERIOR MASONRY WALLS OF THE TOOL ROOM 100, MECHANICAL ROOM 101, STORAGE/COMM ROOM 102, ELECTRICAL ROOM 103 AND LOCKER ROOM 106 SHALL BE EMBEDDED IN THE MASONRY WALL.
 - CONTRACTOR TO PROVIDE PA INTERCOM SYSTEM COMPLETE WITH CONNECTION TO INTERCOM SYSTEM INSIDE OFFICE AREA.
 - CONNECT THE WASHROOM RECEPTACLE CIRCUIT TO THE LV TRANSFORMER FOR CONTROL OF THE INFRARED CONTROLLED FAWCETS AND SHOWER.

REVISIONS	REV	DATE	BY	DESCRIPTION
	1	25.01.16	NK	ISSUED FOR ADDENDUM 5
	2	25.01.10	NK	ISSUED FOR ADDENDUM 4
	3	24.10.21	NK	ISSUED FOR TENDER
	4			

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AUXILIARY STORAGE BUILDING - POWER AND COMMUNICATIONS PLAN
SCALE: 1 : 75


NOTES:
1. ALL OUTDOOR RECEPTACLES TO HAVE LOCKABLE HEAVY DUTY WHEN IN USE COVERS.


DRAWING NOT TO BE SCALED
100 mm ON ORIGINAL DRAWING

PLATE No
CONT No 2023-4010
WP No 4044-22-00

ELECTRICAL

FENELON FALLS MPY
AUXILIARY STORAGE BUILDING - POWER
AND COMMUNICATIONS PLAN

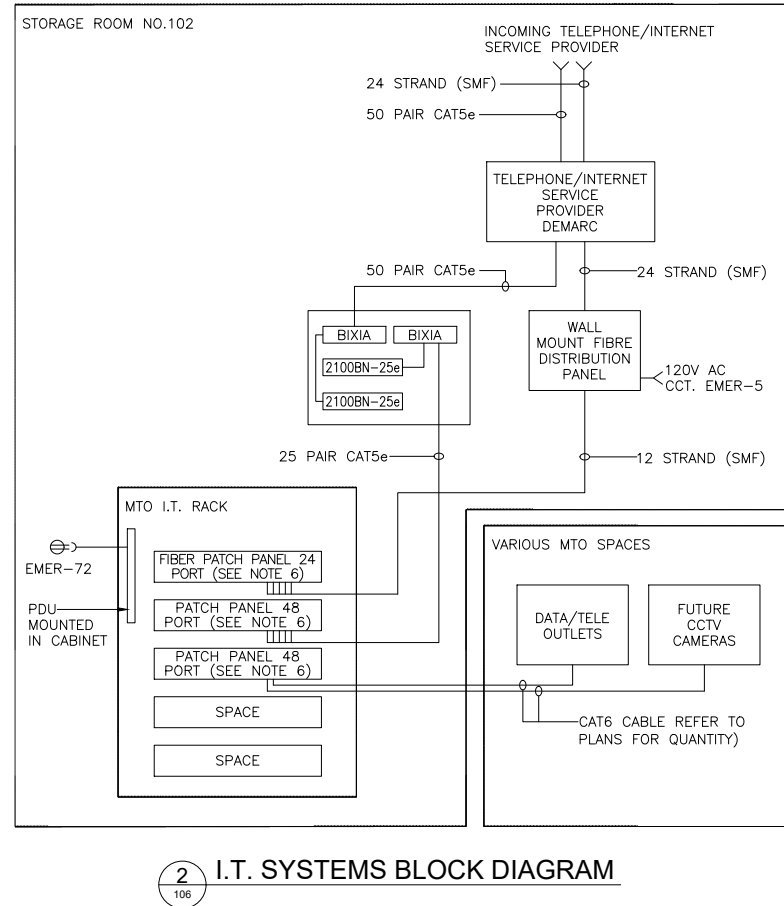
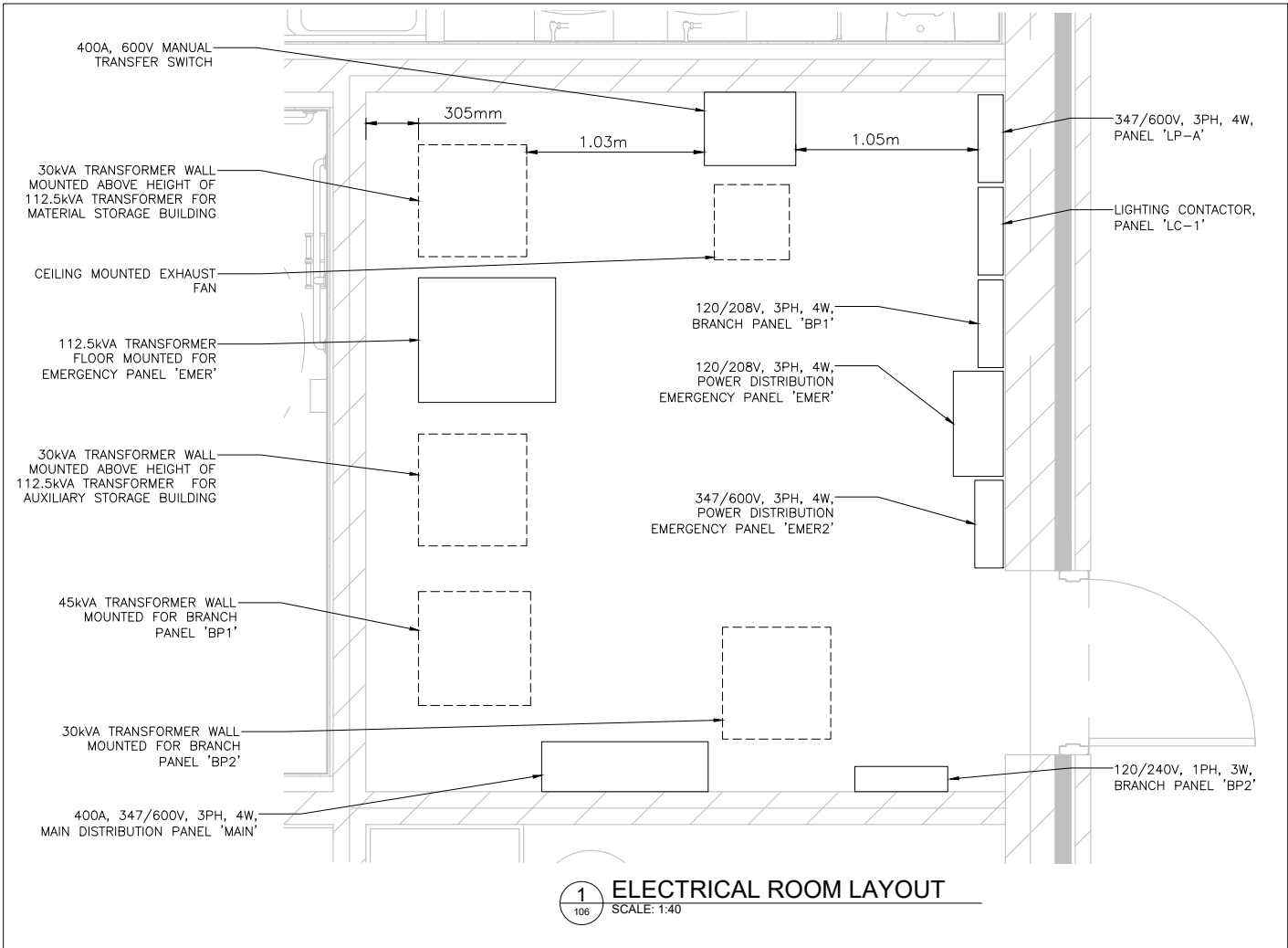

DILLON
CONSULTING



SHEET
103A

REVISIONS			
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2	24.10.21	NK	ISSUED FOR TENDER

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CONT No 2023-4010
GWP No 4044-22-00

ELECTRICAL
FENELON FALLS MPY
ELECTRICAL DIAGRAMS AND DETAILS

SHEET
106A

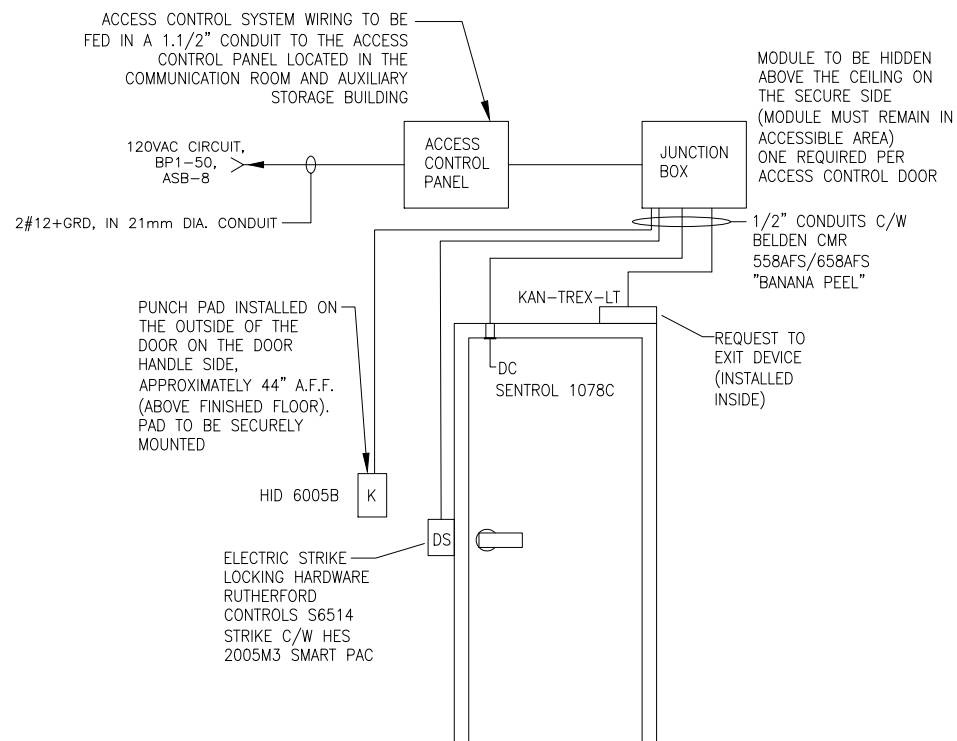


NOTES:

- ALL NETWORK SWITCHES SHALL BE PROVIDED BY THE TENANT.
- ALL CROSS-CONNECTIONS AND PATCHING TO BE COMPLETED BY TENANT I.T. DEPARTMENT
- THIS CONTRACTOR SHALL COIL 6m OF CAT6 CABLE IN EACH I.T. RACK.
- CIRCUIT PROTECTOR TO BE 2100BN-25e BY CIRCA TELECOM C/W 5-PIN SURGE PROTECTION MODULE (4B6S-300E)
- CAT6 (BLUE) AND MMF-LC PATCH CORDS SHALL BE SUPPLIED IN THE EQUIVALENT QUANTITIES AND LENGTHS OF PATCH PANEL PORTS TO COMPLETE THE DATA CABLING SYSTEM.
- CONTRACTOR SHALL PROVIDE ALL CAT6, CAT5e AND FIBRE-OPTIC PATCH CORDS, MINIMUM QUANTITIES/TYPE:
 - QUANTITY 6 25FT MMF PATCH CORD, DUAL LC-DUAL LC.
 - QUANTITY 4 6FT MMF PATCH CORD, DUAL LC-DUAL LC.
 - QUANTITY 10 3FT CAT6 PATCH CORD, BLUE.
 - QUANTITY 10 7FT CAT6 PATCH CORD, BLUE.
 - QUANTITY 4 20FT CAT6 PATCH CORD, BLUE.
 - QUANTITY 6 25FT SMF PATCH CORD, DUAL LC-DUAL LC.
 - QUANTITY 4 6FT SMF PATCH CORD, DUAL LC-DUAL LC.

GENERAL NOTE(S):

- A. WHERE DOOR OPERATORS ARE ALSO INCLUDED ON DOORS WITH PUNCH PADS, PROVIDE A DOOR LOGIC SEQUENCER, AS REQUIRED.

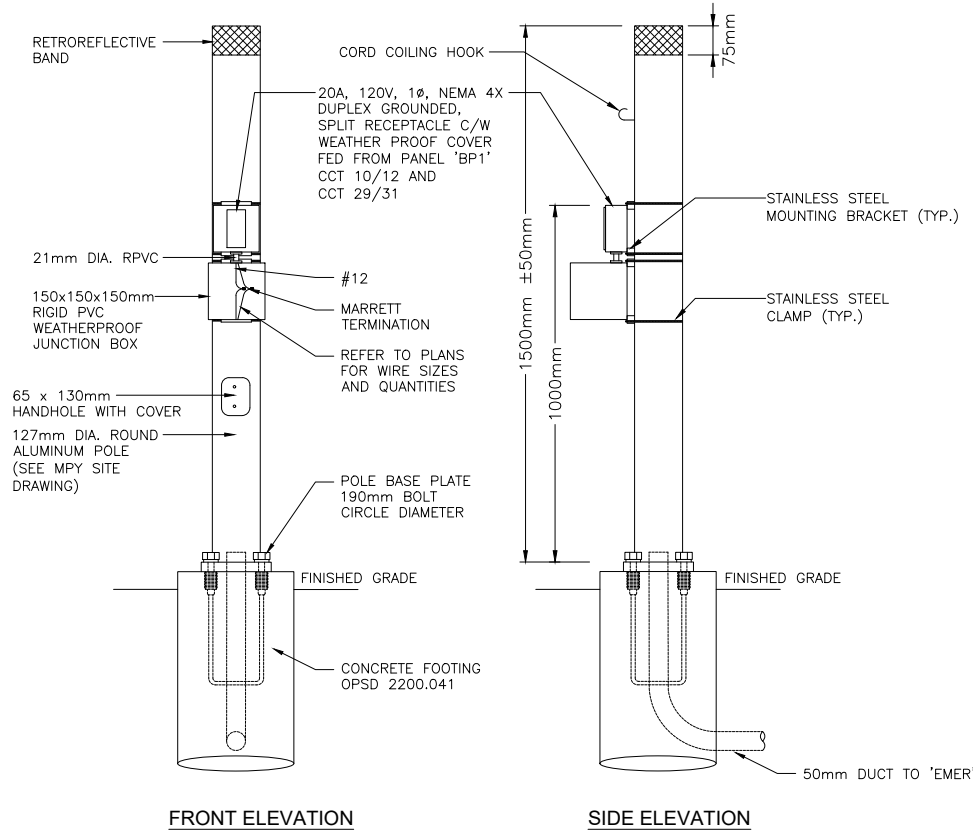


3 ACCESS CONTROL SYSTEM

SCALE: N.T.S.

REVISIONS	△			
	△			
	△			
	△	25.01.16	NK	ISSUED FOR ADDENDUM 5
	△	24.10.21	NK	ISSUED FOR TENDER
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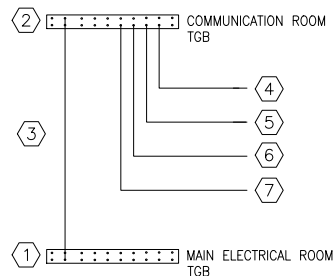
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FRONT ELEVATION

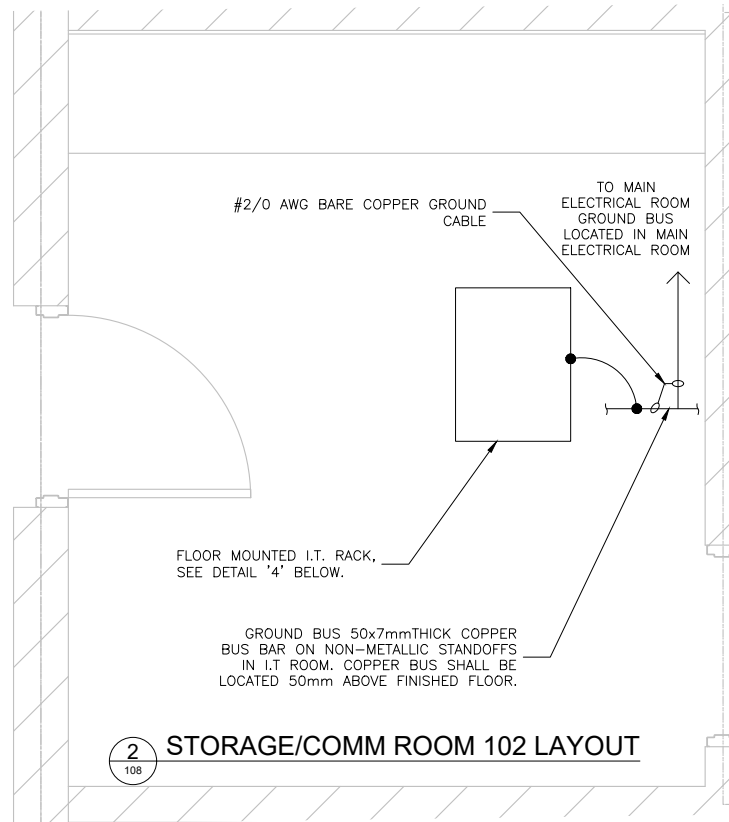
SIDE ELEVATION

1
108
DETAIL: BLOCK HEATER POST

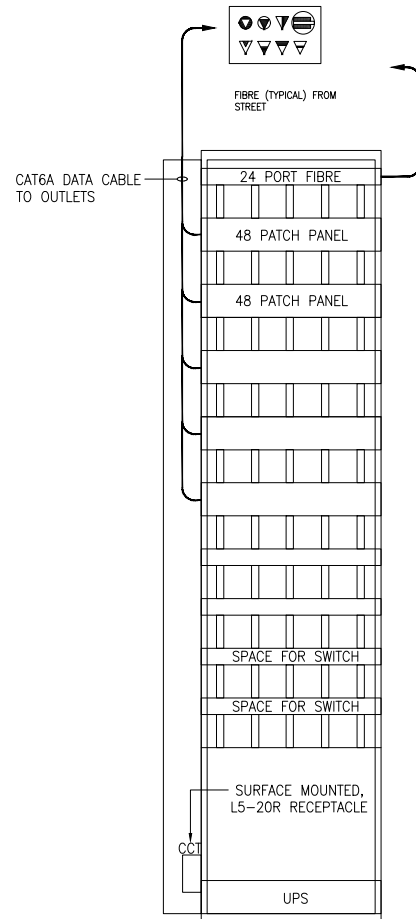


3
108
RISER - COMMUNICATION BONDING FOR B&C
N.T.S.

LEGEND	
1	MAIN ELECTRICAL ROOM GROUND BUS, LOCATED IN MAIN ELECTRICAL ROOM
2	MAIN TELECOMMUNICATIONS GROUNDING BUSBAR (TMGB) & TELECOMMUNICATIONS GROUNDING BUSBAR (TGB) SHALL BE 50x7mm LONG PRE-DRILLED COPPER BUS EQUIVALENT TO PANDUIT CAT. NO. GB4B0632TPI-1 C/W NECESSARY BOLT-ON LUGS, BRACKETS AND INSULATORS. REFER TO COMMUNICATION ROOM DETAIL FOR LOCATION.
3	PROVIDE A #2/0AWG FROM MAIN ELECTRICAL ROOM GROUND BUS TO TMGB.
4	PROVIDE A #4/0AWG TO WIRE BASKET SYSTEM.
5	PROVIDE A #4/0AWG TO EACH CONDUIT EXITING THE ROOM. PROVIDE SLEEVED GROUND BUSHING FOR ALL CONDUITS.
6	PROVIDE A #4/0AWG TO STRUCTURAL STEEL.
7	PROVIDE A #2/0AWG TO EACH COMMUNICATION RACK



2
108
STORAGE/COMM ROOM 102 LAYOUT



RACK 'A2.R1'
STORAGE/COMM. ROOM 102

4
108
TYPICAL TELECOM ROOMS RACK ELEVATIONS
N.T.S.

CONT No 2023-4010
GWP No 4044-22-00

ELECTRICAL

SHEET
108A

FENELON FALLS MPY
ELECTRICAL DETAILS



REVISIONS	REV	DATE	BY	DESCRIPTION
	1	25.01.16	NK	ISSUED FOR ADDENDUM 5
	2	24.10.21	NK	ISSUED FOR TENDER

NOTE:

- ALL ESSENTIAL CIRCUITS TO BE LOCKED ON WITH LOCKING BARS.
- ALL BREAKERS TO BE 15A - 1P. UNLESS OTHERWISE SHOWN.
- ALL CIRCUITS TO BE 2 NO. 12 & GRD. UNLESS OTHERWISE SHOWN.

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1. CONTRACTOR TO MAKE PROVISIONS TO DOWNSIZE FEEDER THAT ARE LARGER THEN BREAKER LUGS RATINGS PRIOR TO ENTERING PANEL.

REVISIONS	△			
	△			
	△	25.01.16	NK	ISSUED FOR ADDENDUM 5
	△	25.01.10	NK	ISSUED FOR ADDENDUM 4
	△	24.10.21	NK	ISSUED FOR TENDER
	REV	DATE	BY	DESCRIPTION