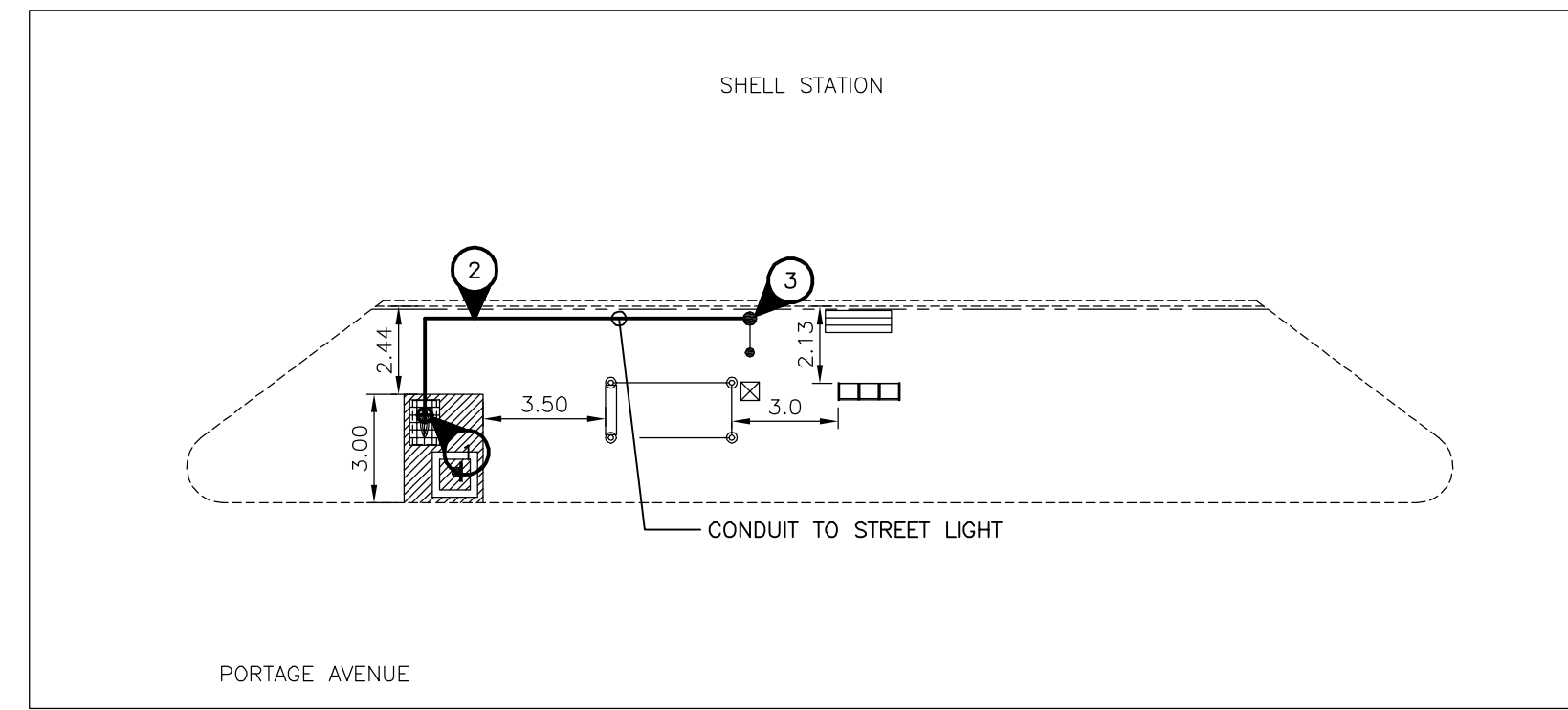
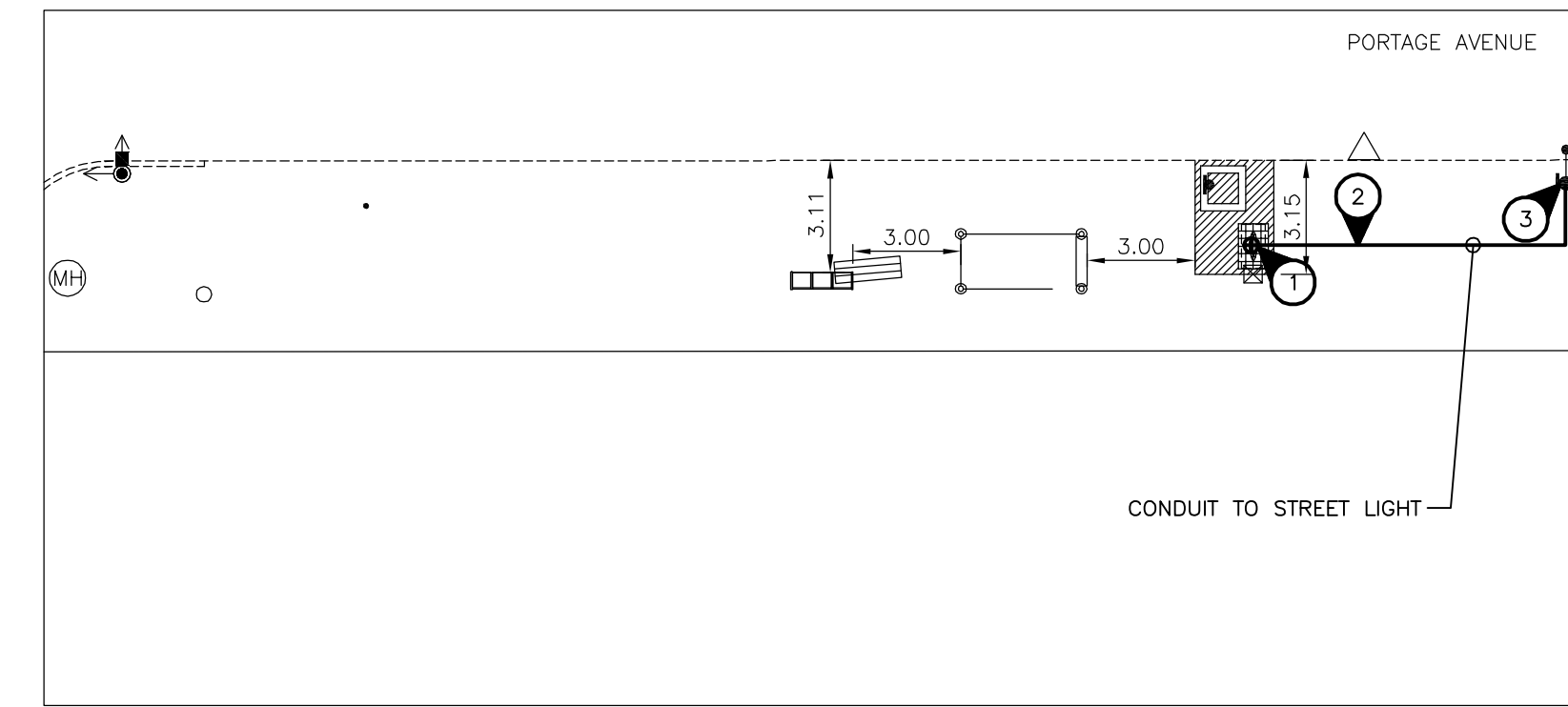


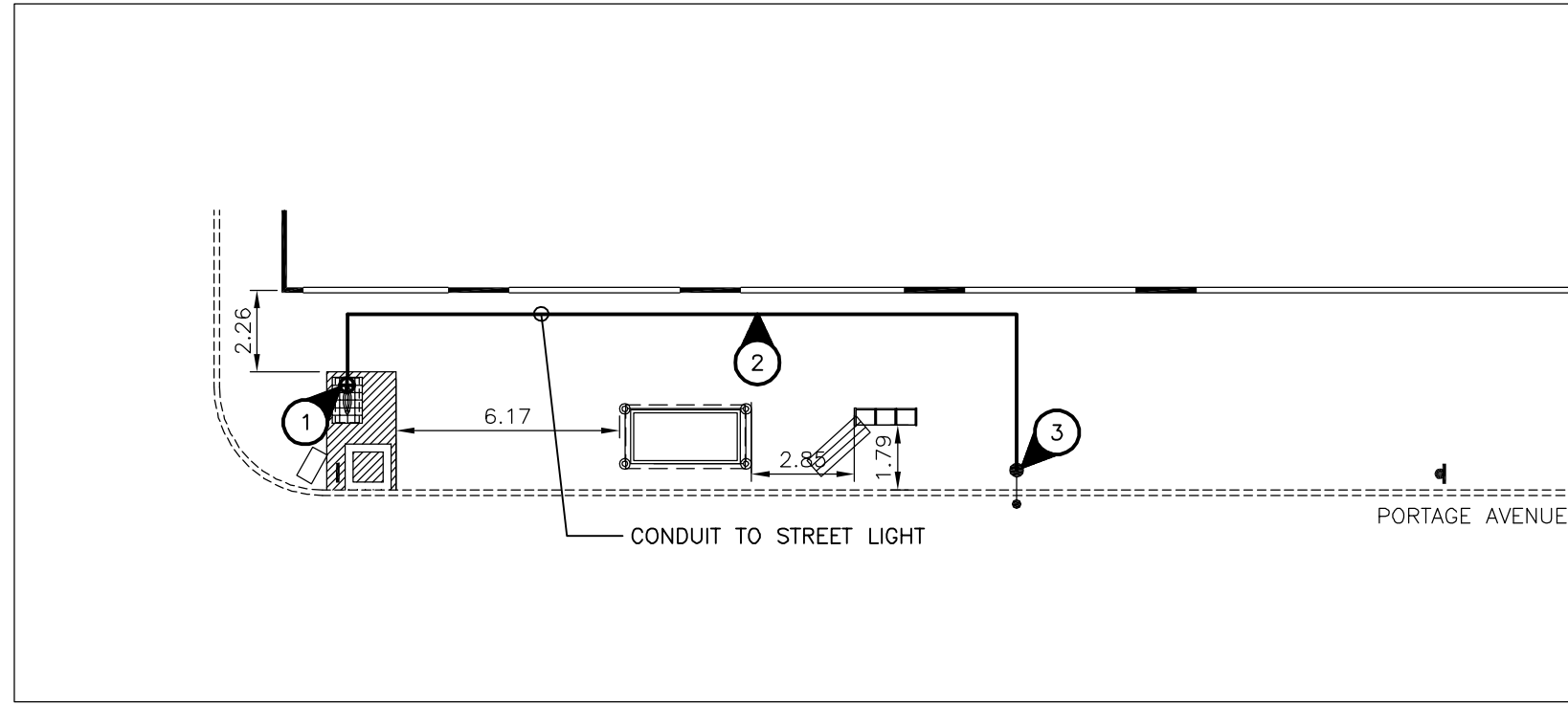
Eastbound Portage, N/S Maryland  
Stop 10576 Maryland



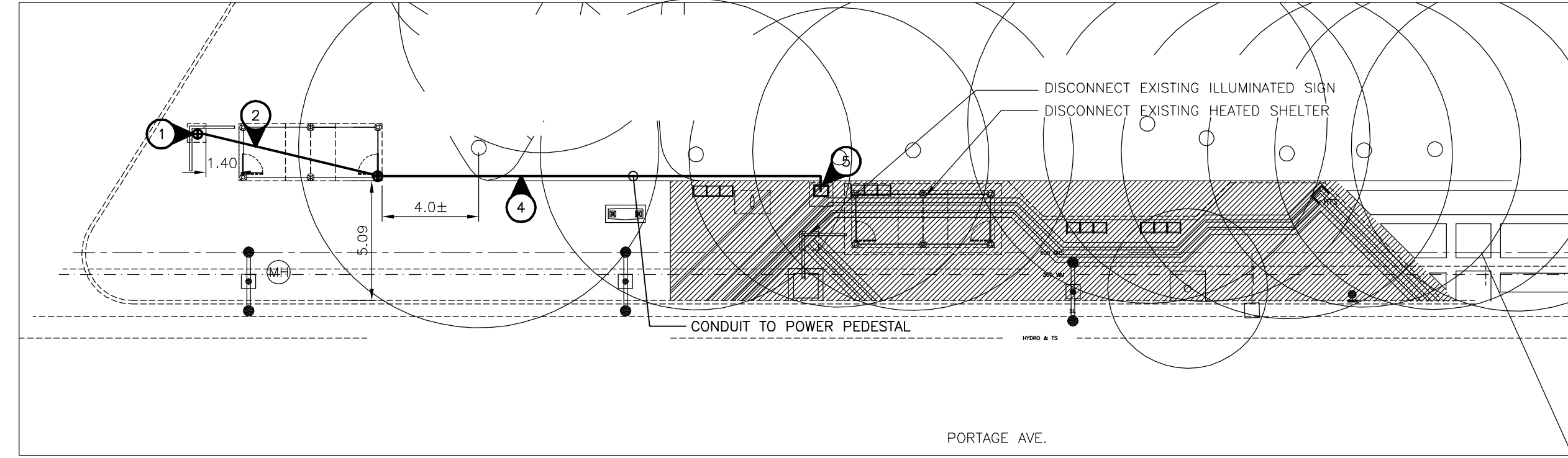
Westbound Portage, N/S McGee  
Stop 10549 Maryland



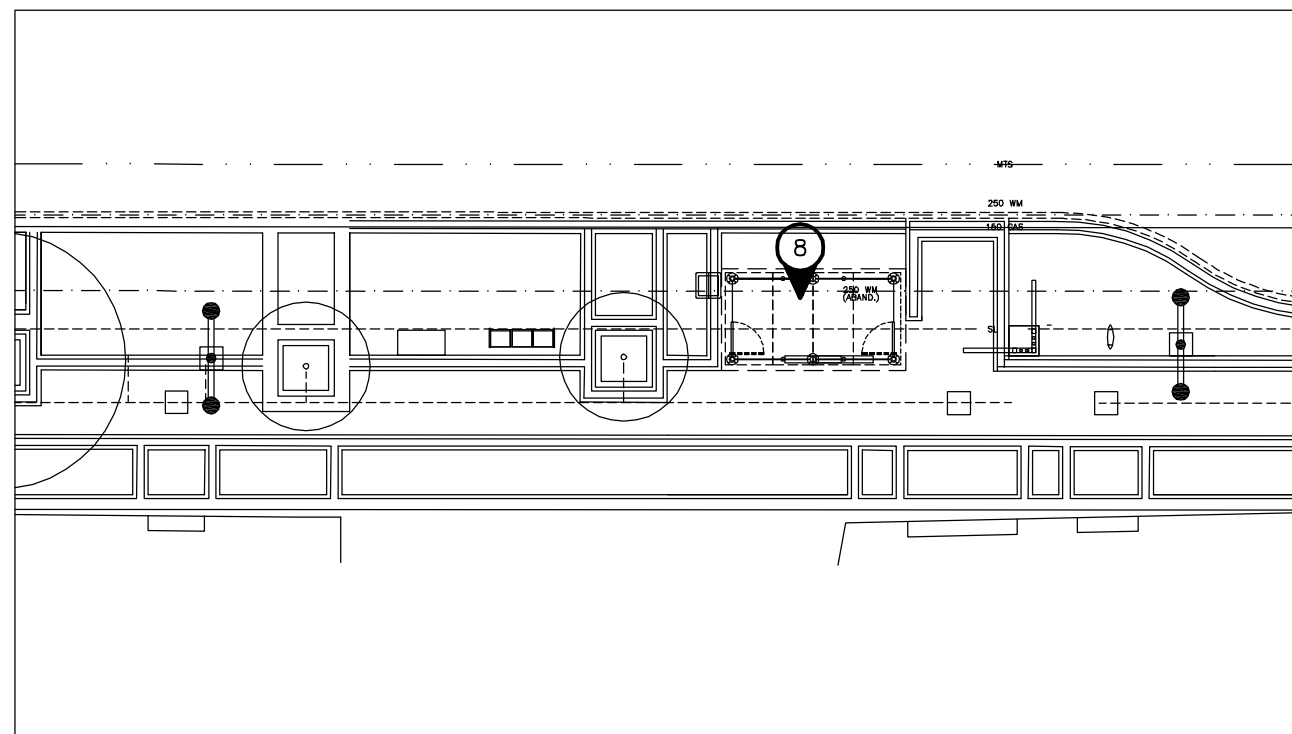
Westbound Portage, F/S Sherbrook  
Stop 10577 Sherbrook



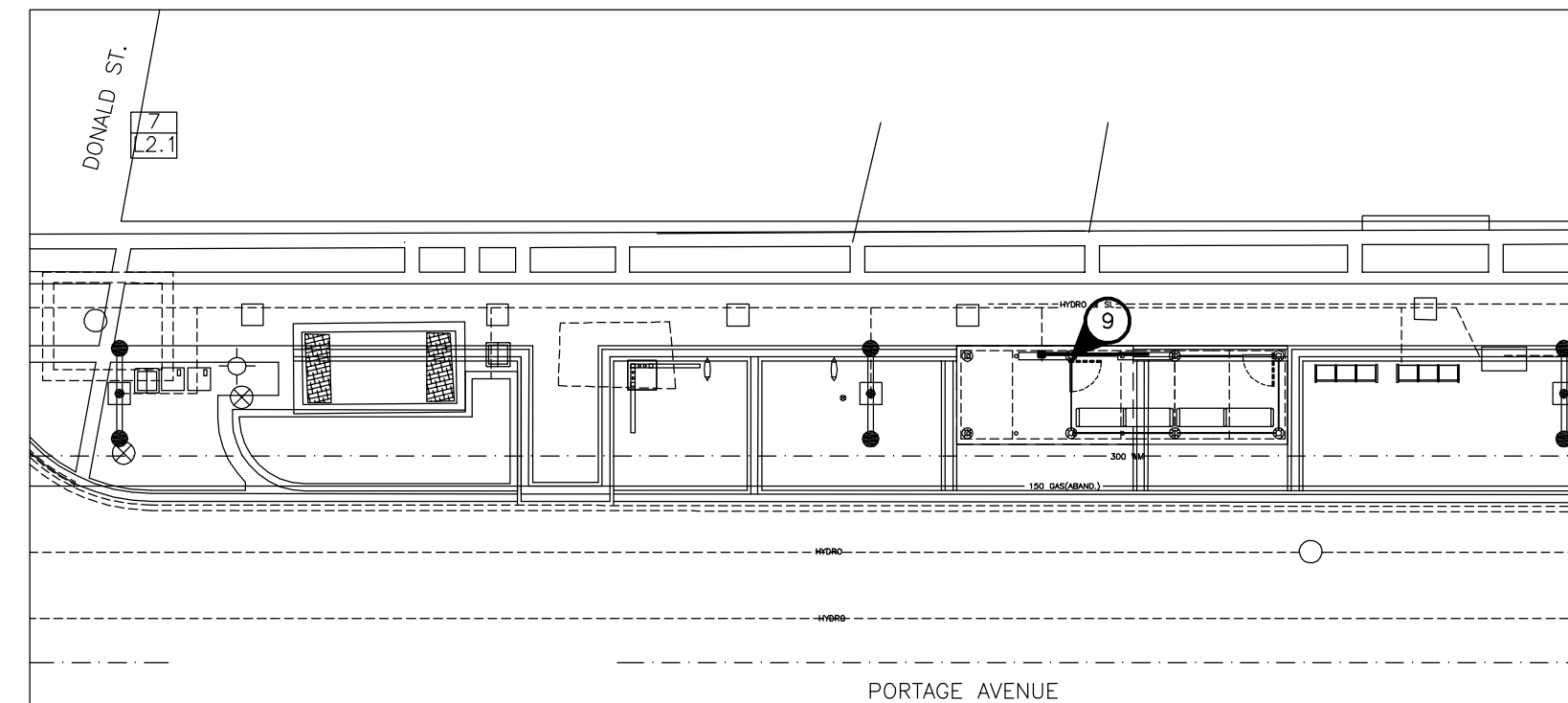
Westbound Portage, N/S Sherbrook  
Stop 10548 Sherbrook



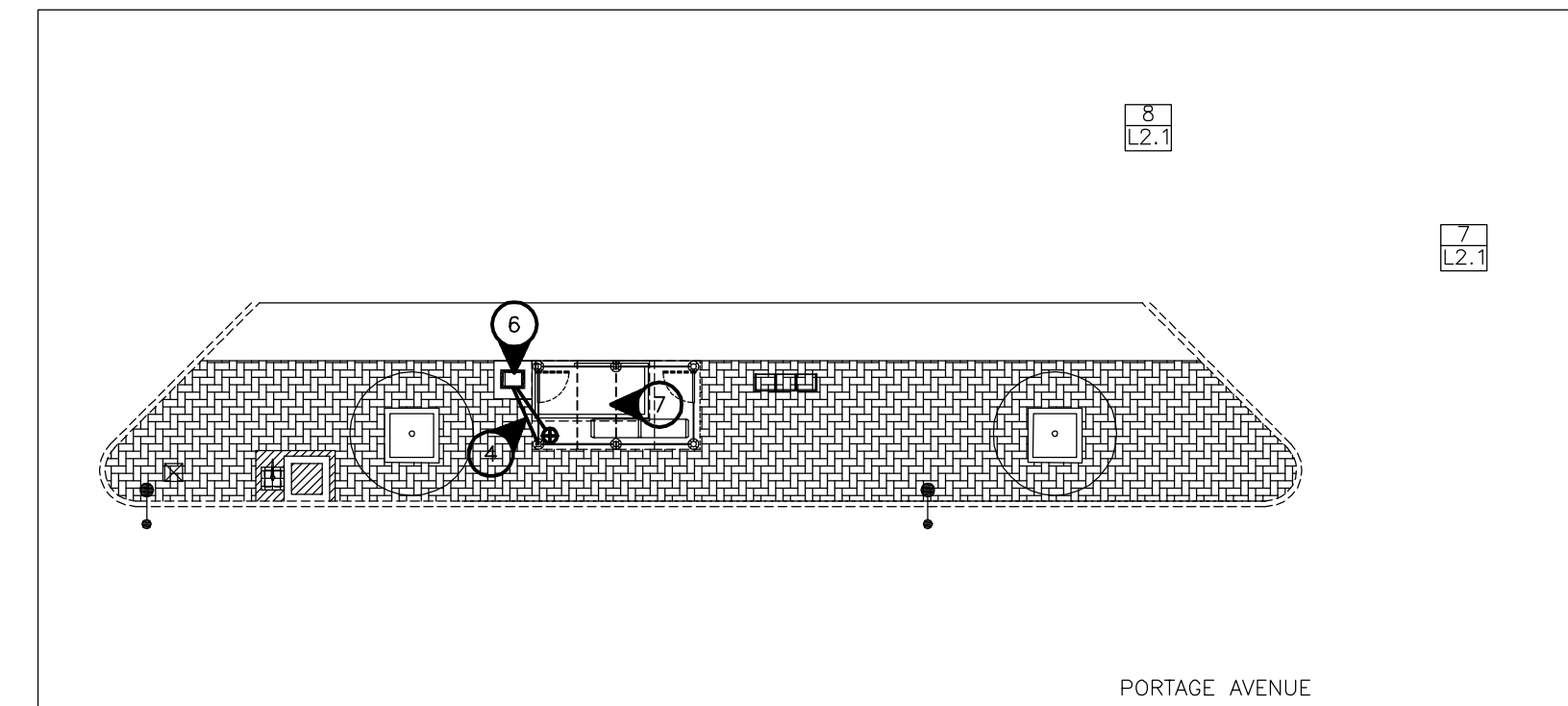
Westbound Portage, N/S Spence  
Stop 10546 Spence



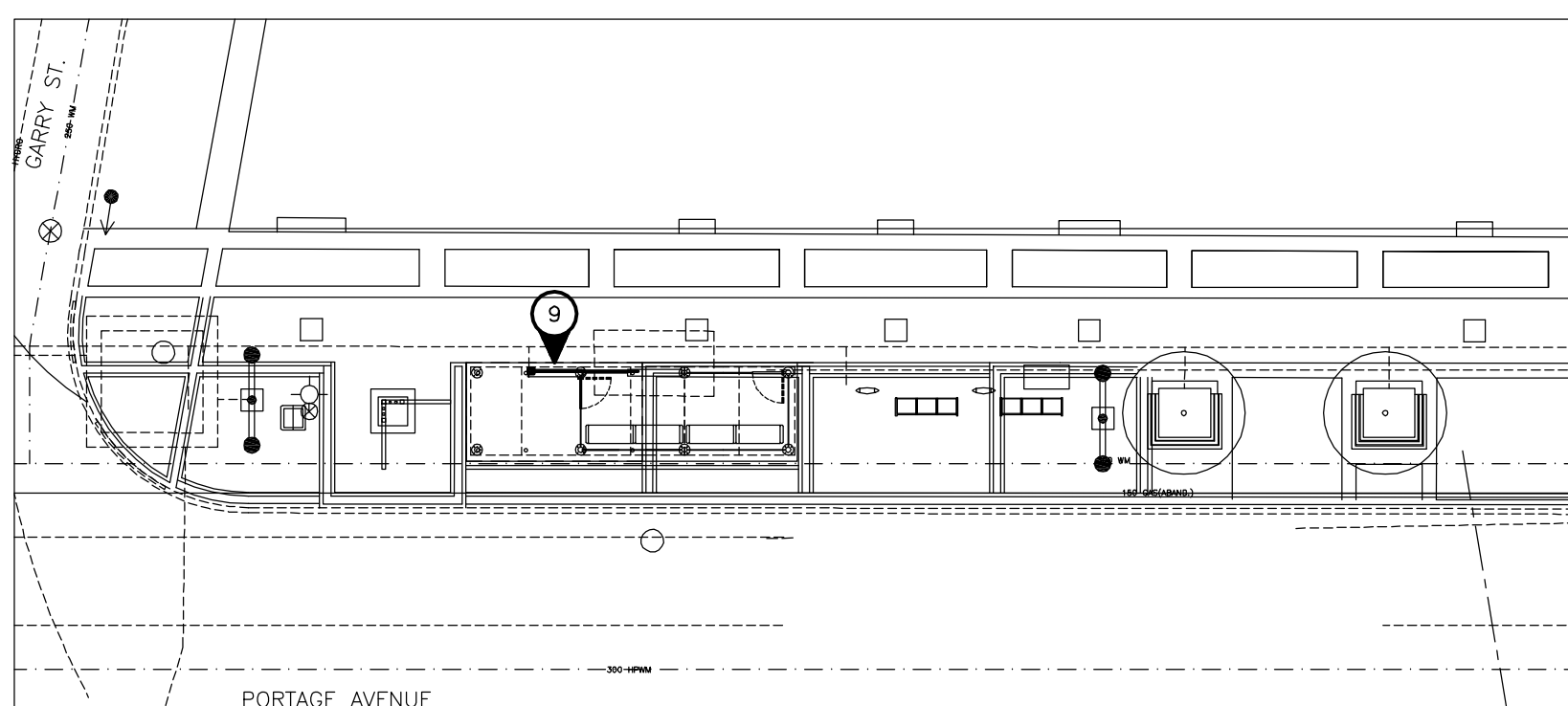
Eastbound Portage, N/S Edmonton  
Stop 10581 Edmonton



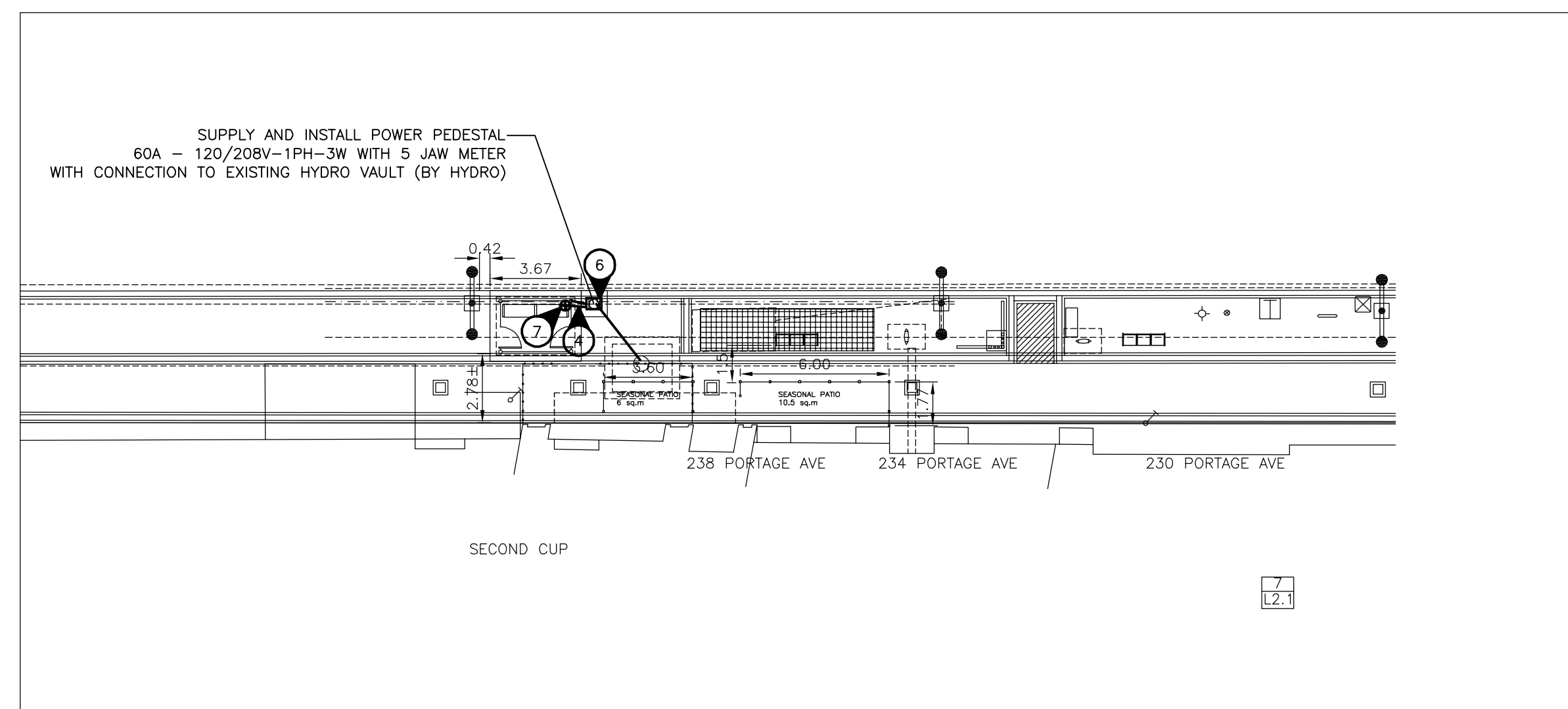
Westbound Portage, N/S Donald  
Stop 10542 (MTS Centre)



Eastbound Portage, N/S Langside  
Stop 10578 Langside



Westbound Portage, N/S Garry  
Stop 10541 Garry



Eastbound Portage, N/S Fort  
Stop 10583 Fort



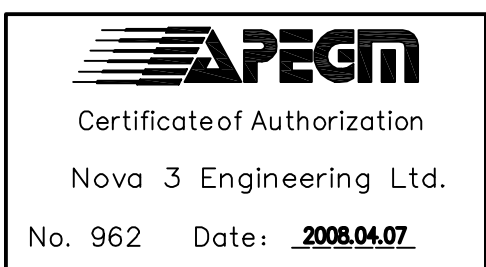
**SPECIFIC ELECTRICAL NOTES**

- 1 WIRE & CONNECT ILLUMINATED TRANSIT SIGN AS REQUIRED. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH SIGNAGE SUPPLIER.
- 2 BURIED 2 #12 RWU-90 CU AND GROUND IN A 25mm RIGID PVC CONDUIT. PROVIDE TRENCHING, BACKFILLING AND SURFACE REPAIR AS REQUIRED. PUSH BELOW SURFACE WHERE PRACTICAL. PURCHASE CONDUIT FROM MB HYDRO.
- 3 CONNECT NEW SIGN TO EXISTING STREET LIGHT/SERVICE POLE INDICATED. PROVIDE A 15A-2P WEATHER-PROOF SERVICE ENTRANCE RATED DISCONNECT AT SIGN (240V-1PH). FPE RH 102-2.
- 4 3#12 AND 4#10 RWU90 CU AND GROUND IN A 32MM RIGID PVC CONDUIT.
- 5 CONNECT NEW SIGN AND TRANSIT SHELTER LIGHTING AND HEATING CIRCUITS TO EXISTING POWER PEDESTAL. PROVIDE ONE 15A-1P C.B. FOR SHELTER LIGHTING AND ONE FOR SIGN LIGHTING. PROVIDE ONE 30A-2P AND ONE 15A-2P C.B. FOR HEATING, OR AS REQUIRED FOR ACTUAL HEATING LOAD. ALL C.B.'S TO MATCH EXISTING.
- 6 CONNECT NEW SIGN AND TRANSIT SHELTER LIGHTING AND HEATING CIRCUITS TO NEW POWER PEDESTAL 'A'. SEE DETAIL THIS DRAWING. CONNECT NEW PEDESTAL TO MB HYDRO OVERHEAD SERVICE POINT WITH 3#6 RWU90 CU IN 25MM RIGID PVC CONDUIT. PAY UTILITY CONTRIBUTION CHARGES.
- 7 CONNECT NEW TRANSIT SHELTER LIGHTING AND HEATING CIRCUITS TO NEW POWER PEDESTAL AS REQUIRED. COORDINATE POWER ACCESS WITH SUPPLIER.
- 8 DISCONNECT EXISTING HEATED SHELTER AND PROTECT WIRES FOR REINSTALLATION. EXISTING WIRING AND C.B.'S MAY BE REUSED IF IN GOOD CONDITION AND SIZED CORRECTLY FOR NEW LOADS. CONNECT NEW SHELTER FOLLOWING INSTALLATION.
- 9 DISCONNECT EXISTING SHELTER HEATERS, LIGHTS AND AD BOX. EXTEND WIRING AS REQUIRED TO NEW SHELTER LOCATION. RECONNECT AD BOX IN NEW LOCATION. CONNECT NEW SHELTER HEATERS AND LIGHTS. EXISTING WIRING AND C.B.'S MAY BE REUSED IF IN GOOD CONDITION AND SIZED CORRECTLY FOR NEW LOADS.

**GENERAL ELECTRICAL NOTES**

1. INSTALL JUNCTION BOX IN SHELTER TO PROVIDE POWER FOR LIGHTING AND HEATING CIRCUITS.
2. LABEL ELECTRICAL CIRCUIT AND DEVICES WITH LAMACOID PLATES.
3. LOCATE ALL EXISTING U/G SERVICES PRIOR TO TRENCHING.
4. MINIMUM WIRE SIZE #12.
5. CONFIRM ALL POWER CONNECTION POINTS WITH ASSOCIATED UTILITY/THE CITY.

No.	Revisions	Date	By
04-08-08	Scale	1:200	
Designed By	Drawn By	Checked By	
DZ/SL	SL	VJT	



Client  
**WINNIPEG TRANSIT**  
Project Title  
**BUS STOP UPGRADE PROGRAM PHASE 3 ELECTRICAL WORKS**  
Sheet Title  
**PORTAGE AVENUE STOPS LAYOUT PLANS 2 OF 2**  
Project No.  
28-090  
Drawing No.  
E-2

**NOVA 3 ENGINEERING LTD.**  
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