

SYMBOL SCHEDULE

ⓐ Wall mounted luminaire. 'A' denotes type.

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	CATALOG NUMBER	LAMPS
A	IP66 RATED TUNNEL FLOODLIGHT MOUNTED @ 4.5m A.F.G.	HOLOPHANE TPF 400HP 34 K P 3 G PS	1-400W HPS
B	NIGHT LEVEL WALL PACK C/W QUARTZ RESTRIKE MOUNTED @ 4.0m A.F.G.	HOLOPHANE MW 100HP 34 G PS SPEC	1-100W HPS + 1-250W QZ

NOTE: REFER TO WRITTEN SPECIFICATIONS FOR FURTHER DETAILS.

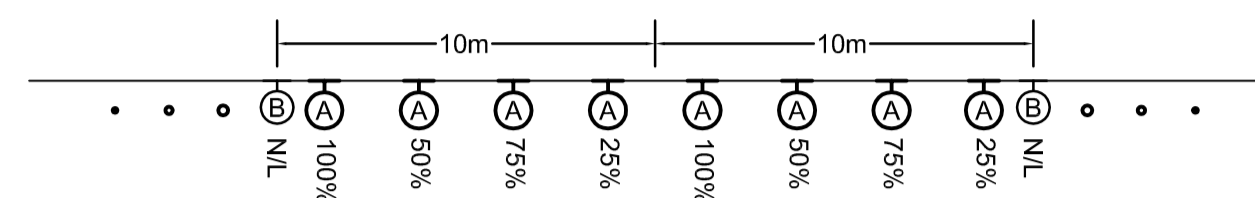
SPECIFIC ELECTRICAL NOTES

1. PROVIDE TYPE 'A' LUMINAIRES ALONG TUNNEL WALL AS INDICATED IN ENLARGED TYPICAL WALL PLAN SEGMENT VIEWS DETAIL THIS DRAWING.
2. WIRE EXTERIOR FIXTURES TO A SEPARATE 20A-1P CIRCUIT. FIXTURES TO BE CONTROLLED TO OPERATE FROM DUSK UNTIL DAWN.
3. PROVIDE ADDITIONAL TYPE 'A' FIXTURES ON APPROACH SIDE. PROVIDE 3 EXTRA FIXTURES IN SEGMENT 17. WIRE TO 50%, 75% AND 100% LIGHTING LEVEL CIRCUITS. PROVIDE 2 EXTRA FIXTURES IN SEGMENT 1. WIRE TO 50% AND 100% LIGHTING LEVEL CIRCUITS.

		LIGHTING CIRCUIT NUMBERS BY CONTROL TYPE AND SEGMENT #																			
		SEGMENT # (WEST SIDE)																			
TYPE		1	2	3	4	5	6	7	8	9a	9b	10a	10b	11	12	13	14	15	16	17	
N/L	101	-	101	-	101	-	101	-	101	-	101	-	101	-	101	-	101	-	101	-	101
25%	102	102	102	102	102	102	102	102	102	106	106	106	106	106	106	110	110	110	110	110	
50%	103	103	103	103	103	103	103	103	103	107	107	107	107	107	107	111	111	111	111	111	
75%	104	104	104	104	104	104	104	104	104	108	108	108	108	108	108	112	112	112	112	112	
100%	105	105	105	105	105	105	105	105	105	109	109	109	109	109	109	113	113	113	113	113	
		SEGMENT # (EAST SIDE)																			
TYPE		1	2	3	4	5	6	7	8	9a	9b	10a	10b	11	12	13	14	15	16	17	
N/L	122	-	122	-	122	-	122	-	122	-	122	-	122	-	122	-	122	-	122	-	122
25%	123	123	123	123	123	123	123	123	123	127	127	127	127	127	127	131	131	131	131	131	
50%	124	124	124	124	124	124	124	124	124	128	128	128	128	128	128	132	132	132	132	132	
75%	125	125	125	125	125	125	125	125	125	129	129	129	129	129	129	133	133	133	133	133	
100%	126	126	126	126	126	126	126	126	126	130	130	130	130	130	130	134	134	134	134	134	

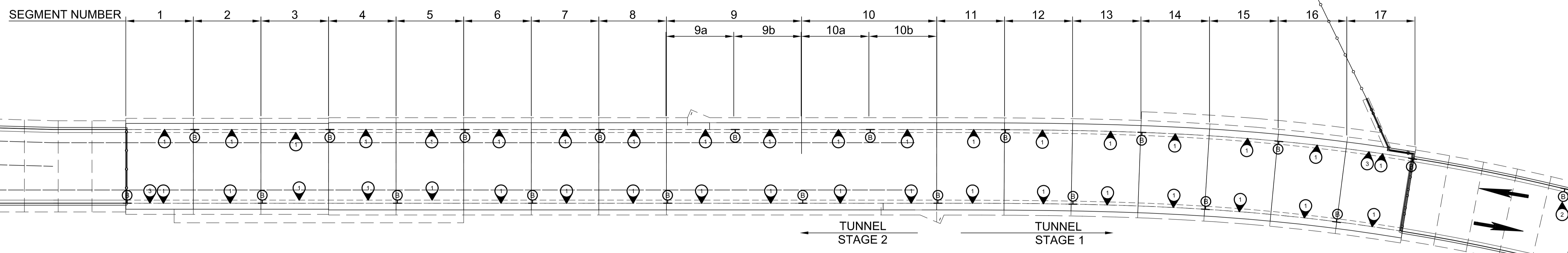
ENLARGED TYPICAL WALL PLAN (2 SEGMENTS 9b TO 17)

SCALE 1:100



ENLARGED TYPICAL WALL PLAN (2 SEGMENTS 1 TO 9a)

SCALE 1:100



ELECTRICAL LAYOUT
SCALE 1:300

GENERAL ELECTRICAL NOTES

1. CAUTION: LONG RUNS. SELECT WIRE SIZE TO LIMIT VOLTAGE DROP TO NO MORE THAN 3% FOR ALL BRANCH CIRCUITS IN ACCORDANCE WITH THE WINNIPEG ELECTRICAL BY-LAWS. PROVIDE WALL MOUNTED W.P. JUNCTION BOXES AS REQUIRED TO ACCOMMODATE.

APPROXIMATE LOCATION OF PANEL '100' WITHIN PUMP HOUSE. FED FROM PUMP HOUSE CDP. COORDINATE EXACT LOCATION WITH PUMPHOUSE ELECTRICAL CONSULTANT.

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<p>APGM Certificate of Authorization Nova 3 Engineering Ltd. No. 962 Date: 2009.10.06 REFER TO WWW.NOVA3.CA FOR CAUTIONARY NOTES.</p>	<table border="1"> <tr> <th>LOCATION UNDERGROUND</th> <th>APPROVED STRUCTURES</th> <th>B.M. ELEV.</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	LOCATION UNDERGROUND	APPROVED STRUCTURES	B.M. ELEV.										<p>DESIGNED BY: DZ DRAWN BY: DF CHECKED BY: DZ APPROVED BY: VJT</p>	<p>NOVA3 NOVA 3 ENGINEERING LTD. CONSULTING ENGINEERS JN: 29-111 TEL: (204) 943-6142 FAX: (204) 942-1276 201-120 FORT STREET WINNIPEG, MANITOBA</p>	<p>ENGINEER'S SEAL ORIGINAL STAMPED BY V. J. THIELMANN 2009.10.06 REGISTERED ENGINEER</p>	<p>THE CITY OF WINNIPEG TRANSIT DEPARTMENT Winnipeg</p>	<p>SOUTHWEST RAPID TRANSIT CORRIDOR - STAGE 1 TRANSITWAY TUNNEL AT CN RIVERS SUBDIVISION MILEAGE 1.38 & ASSOCIATED WORKS</p>	<p>CITY DRAWING NUMBER U237-09-56 SHEET 56 OF 73 CONSULTANT DRAWING NUMBER C4-S1200-T</p>
LOCATION UNDERGROUND	APPROVED STRUCTURES	B.M. ELEV.																	
<p>NO. REVISIONS</p>	<table border="1"> <tr> <th>NO.</th> <th>REVISIONS</th> <th>DATE</th> <th>BY</th> </tr> <tr> <td>0</td> <td>ISSUED FOR TENDER</td> <td>2009.10.06</td> <td>DZ</td> </tr> </table>	NO.	REVISIONS	DATE	BY	0	ISSUED FOR TENDER	2009.10.06	DZ	<table border="1"> <tr> <th>DESIGNED BY</th> <th>DATE</th> </tr> <tr> <td>DZ</td> <td>2009.10.06</td> </tr> </table>	DESIGNED BY	DATE	DZ	2009.10.06	<p>RELEASED FOR CONSTRUCTION DATE</p>	<p>CONSULTANT PROJECT NO. 088813</p>	<p>ELECTRICAL LAYOUT</p>	<p>DATE</p>	
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