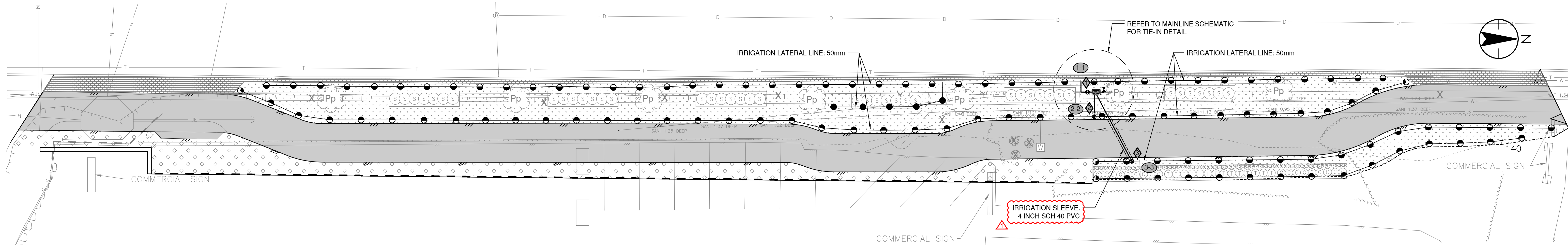


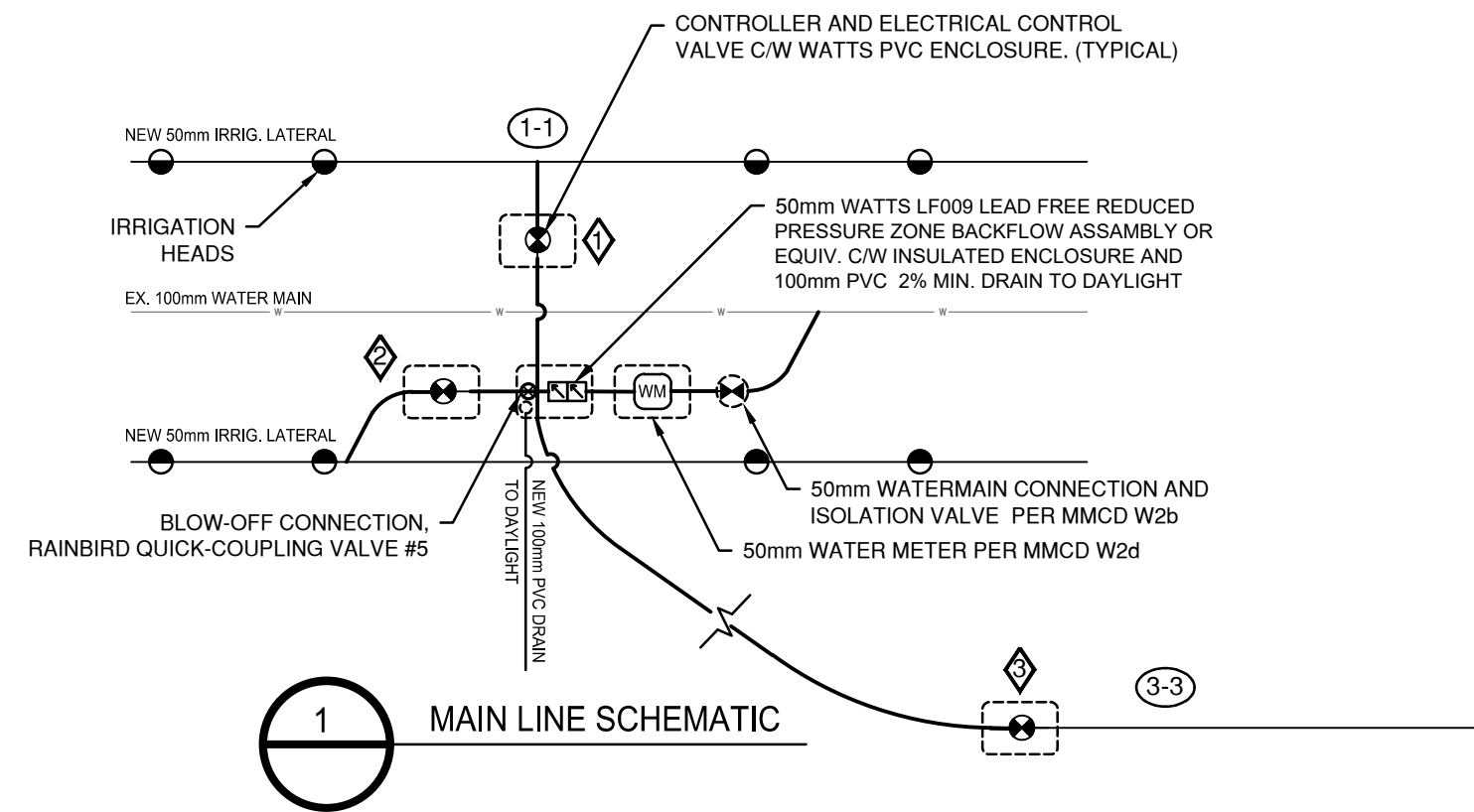
IRRIGATION DETAIL STA 0+010 to 0+125
SCALE: 1:150



IRRIGATION DETAIL STA 0+145 to 0+260
SCALE: 1:150

IRRIGATION LEGEND

- SERVICE BOX: C/W FILTER, WATER METER, BACKFLOW PREVENTER
- RAINBIRD TBOS CONTROLLER
- MAIN LINE: SCHEDULE 40 PVC. SIZES AS SHOWN ON DWG.
- LATERAL LINE: SCHEDULE 40 PVC. SIZES AS SHOWN ON DWG.
- DRIPLINE
- ELECTRICAL CONTROL VALVE:
- RAINBIRD 200 PEB.151 GLOBE ANGLE VALVE AS-ADJ.
- ZONING IDENTIFICATION
- ELECTRICAL CONTROL VALVE NUMBER
- CONTROL NO.
- ISOLATION VALVE
- IRRIGATION HEAD-ROTORS: FULL CIRCLE
- RAINBIRD 1804AP8PRS : 2.4 M / 8 FT RAD., 0.88 US G.P.M. / 0.056 l/s @ 207 kPa/80 PSI FOR HEAD TO HEAD COVERAGE. COMPLETE WITH SWING JOINTS ON INLET.
- IRRIGATION HEAD-ROTORS: PART CIRCLE
- RAINBIRD 1804AP8PRS : 2.4 M / 8 FT RAD., 0.88 US G.P.M. / 0.056 l/s @ 207 kPa/80 PSI FOR HEAD TO HEAD COVERAGE. COMPLETE WITH SWING JOINTS ON INLET.



IRRIGATION SCHEDULES:

	STATION NO.	ELECTRIC CONTROL VALVE NO.	SIZE OF VALVE	HEAD TYPE	TYPE OF HEAD	# OF HEADS	PSI	FLOW (GPM)	PRECIP. (in/hr)	RUN TIME (min/day)	RUN TIME (min/week)
CONTROLLER #1	1	1-1	38mm	RAINBIRD 1804	ADJ.	37H, 5F	40	46.6	3.06	8	24
CONTROLLER #2	2	2-2	38mm	RAINBIRD 1804	ADJ.	2Q, 37H	40	44.0	3.06	8	24
CONTROLLER #3	3	3-3	38mm	RAINBIRD 1804	ADJ.	3Q, 27H	40	26.4	3.06	8	24

IRRIGATION NOTES

1. ALL IRRIGATION WORKS TO BE IN ACCORDANCE WITH MMCD PLATINUM EDITION (2009) TECHNICAL SPECIFICATIONS, SECTION 33 11 01 - WATERWORKS, AND ALL APPLICABLE MUNICIPAL, PROVINCIAL AND FEDERAL BYLAWS, LAWS, AND REGULATIONS.
2. CONTRACTOR TO PROVIDE SHOP DRAWING OF COMPLETE IRRIGATION SYSTEM FOR REVIEW, A MINIMUM OF 14 DAYS PRIOR TO INSTALLATION. NO INSTALLATION WORK SHALL PROCEED WITHOUT CONTRACT ADMINISTRATOR'S APPROVAL.
3. CONTRACTOR TO UPDATE, REVISE ALL INFORMATION ON IRRIGATION LEGEND, SCHEDULES, AND SCHEMATIC ACCORDING TO ACTUAL CONSTRUCTED AND SUBMIT AS PART OF RECORD (AS-BUILT) DRAWINGS.
4. CONTRACTOR TO SUBMIT IRRIGATION RECORD (AS-BUILT) DRAWINGS TO CONSULTANT PRIOR AT TIME OF APPLICATION OF SUBSTANTIAL COMPLETION.
4.1. IN ADDITION TO THE AS-BUILT DRAWINGS, THE CONTRACTOR WILL PROVIDE OPERATION AND MAINTENANCE MANUALS CONTAINING OPERATIONAL REQUIREMENTS AND MAINTENANCE SCHEDULES FOR ALL COMPONENTS OF THE SYSTEM.
5. CONTRACTOR TO CONFIRM LOCATIONS OR ALL UNDERGROUND UTILITIES PRIOR TO ANY IRRIGATION TRENCHING OR INSTALLATION. CONTRACTOR WILL CONFIRM HORIZONTAL AND VERTICAL CLEARANCE REQUIREMENTS WITH APPROPRIATE UTILITY AUTHORITY PRIOR TO INSTALLATION.
6. AT THE COMPLETION OF THE WORKS, THE CONTRACTOR WILL SCHEDULE A SYSTEM FIELD TEST FOR THE CONTRACT ADMINISTRATOR AND OWNER. THE CONTRACTOR WILL NOTIFY THE CONTRACT ADMINISTRATOR AND OWNER A MINIMUM OF THREE DAYS PRIOR TO THE FIELD TEST. THE CONTRACTOR SHALL MAKE ALL NECESSARY ADJUSTMENTS, CORRECTIONS, OR REPLACEMENTS FOR THE OPTIMAL OPERATION OF THE IRRIGATION SYSTEM.

Consultants

Permit-Seal



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Victoria BC
www.stantec.com

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Client/Project
CITY OF DUNCAN

TRANS-CANADA HIGHWAY
MULTI-USE PATH
Duncan, BC

File Name: L100-L101-L102

Title
IRRIGATION
LAYOUT PLAN

Project No. 111720122
Scale 0 2.5 7.5 12.5m
1:250

Drawing No. L102 Sheet 13 of 16 Revision -