

ATTACHMENT E LANDSCAPE PLAN AND DETAILS

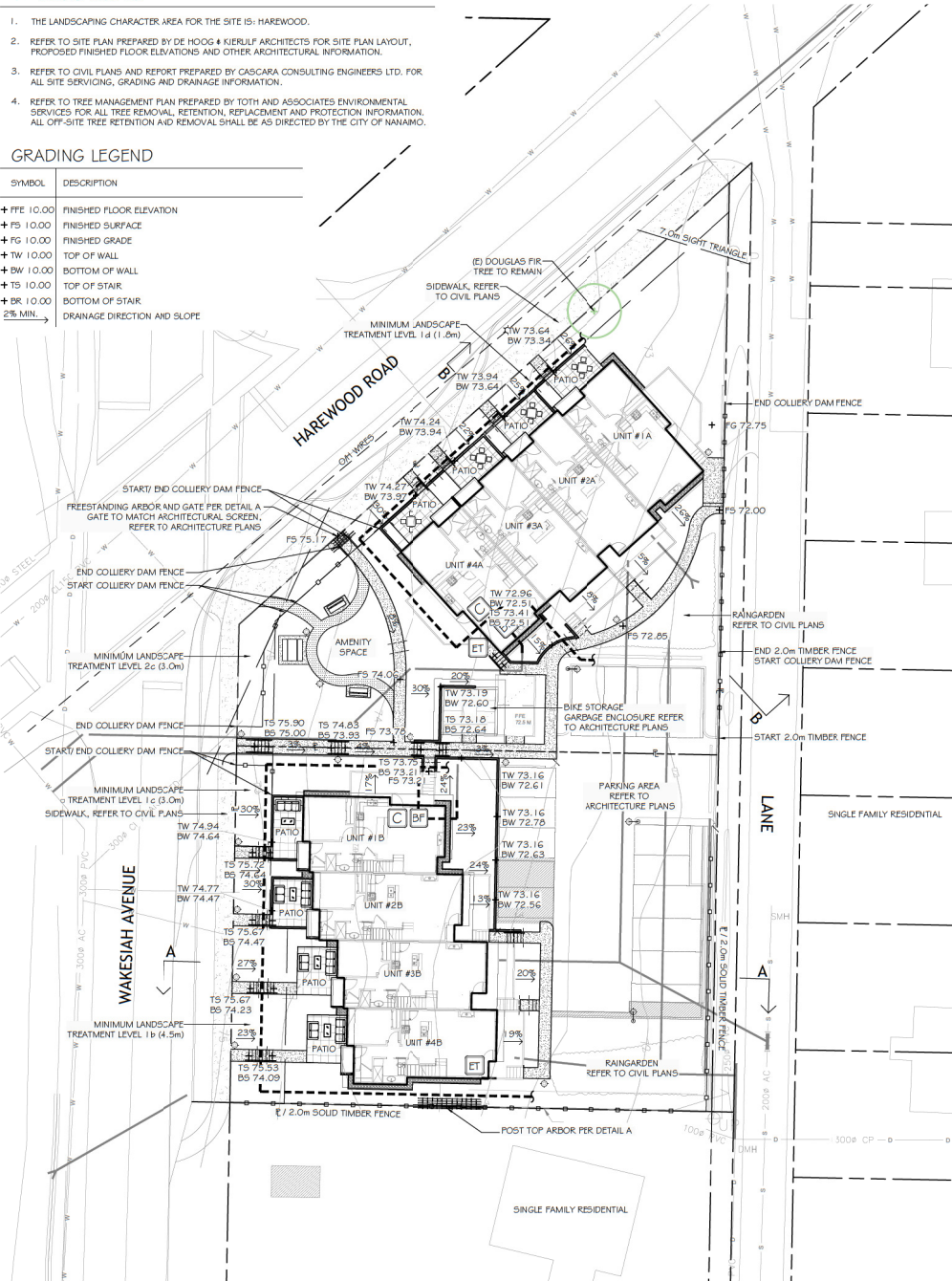
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GENERAL NOTES

1. THE LANDSCAPING CHARACTER AREA FOR THE SITE IS: HAREWOOD.
2. REFER TO SITE PLAN PREPARED BY DE HOOG & KIERULFF ARCHITECTS FOR SITE PLAN LAYOUT, PROPOSED FINISHED FLOOR ELEVATIONS AND OTHER ARCHITECTURAL INFORMATION.
3. REFER TO CIVIL PLANS AND REPORT PREPARED BY CASCARA CONSULTING ENGINEERS LTD. FOR ALL SITE SERVICING, GRADING AND DRAINAGE INFORMATION.
4. REFER TO TREE MANAGEMENT PLAN PREPARED BY TOTH AND ASSOCIATES ENVIRONMENTAL SERVICES FOR ALL TREE REMOVAL, RETENTION, REPLACEMENT AND PROTECTION INFORMATION. ALL OFF-SITE TREE RETENTION AND REMOVAL SHALL BE AS DIRECTED BY THE CITY OF NANAIMO.

GRADING LEGEND

SYMBOL	DESCRIPTION
+FFE 10.00	FINISHED FLOOR ELEVATION
+FS 10.00	FINISHED SURFACE
+FG 10.00	FINISHED GRADE
+TW 10.00	TOP OF WALL
+BW 10.00	BOTTOM OF WALL
+TS 10.00	TOP OF STAIR
+BS 10.00	BOTTOM OF STAIR
2% MIN	DRAINAGE DIRECTION AND SLOPE



ABBREVIATIONS	DESCRIPTION
(E)	EXISTING
E	PROPERTY LINE
PA	PLANTING AREA
TYP.	TYPICAL

SYMBOL	DESCRIPTION
---	PROPERTY LINE
—○—	2.0m TIMBER FENCE / COLLIERY DAM FENCE, REFER TO DETAILS A & B
▨	CONCRETE RETAINING WALL, SACK FINISH
▨	BROOM FINISH CONCRETE PAVING, STAIRS AND HANDRAIL
▨	BROOM FINISH CONCRETE PATIOS WITH 600mm SCORE PATTERN
▨	GRAVEL PATH: 13mm (1/2") MINUS COMPACTED BLUE CHIP AND TIMBER EDGE
▨	LEAVE STRIP: 0.45m WIDTH OF 50mm (2") MINUS, WASHED RIVER ROCK OVER LANDSCAPE FABRIC AND TIMBER EDGE
▨	POST TOP ARBOR, REFER TO DETAIL A
▨	FREESTANDING ARBOR AND GATE, REFER TO DETAIL A
▨	BENCH, SURFACE MOUNTED ON BROOM FINISH CONCRETE PAD: QTY: 2 MANUFACTURER: WISHBONE SITE FURNISHINGS STYLE: AVESBURY PARK BENCH MODEL: ANA-5 SLAT COLOUR: HARBOUR GREY FRAME COLOUR: OIL RUB TEXTURED BRONZE
▨	PICNIC TABLE, SURFACE MOUNTED ON BROOM FINISH CONCRETE PAD: QTY: 1 MANUFACTURER: WISHBONE SITE FURNISHINGS STYLE: PARKER PICNIC TABLE MODEL: PFPT-6 SLAT COLOUR: HARBOUR GREY FRAME COLOUR: OIL RUB TEXTURED BRONZE
▨	LED BOLLARD LIGHTING: QTY: 14 MANUFACTURER: KING LUMINAIRE (OR EQUAL) STYLE: SILOUETTE MODEL: KL-A-5 COLOUR: BROWN METAL
▨	PARKING LOT LIGHTING (FULL CUT OFF, LED FLAT LENS): QTY: 5 MANUFACTURER: KING LUMINAIRE (OR EQUAL) STYLE: FALCONRIDGE LUMINAIRE WITH SINGLE ARM ON 5.2m (17') POLE MODEL: F203 WITH KAS-4-T1 ARM ON KSB07-RE POLE COLOUR: BROWN METAL
▨	FINAL PARKING LOT LIGHTING AND BOLLARD MAKES, MODELS, LOCATIONS, QUANTITIES AND PHOTOMETRIC ANALYSIS SHALL BE BY PROJECT ELECTRICAL ENGINEER.

IRRIGATION EQUIPMENT LEGEND

SYMBOL	MANUFACTURER	MODEL	DESCRIPTION
C	HUNTER	TBD	(2) AUTOMATIC IRRIGATION CONTROLLERS IN WATER ROOMS OF BUILDINGS, EXACT LOCATION TO BE DETERMINED BY MECHANICAL
ET	HUNTER	WSG-SEN	(2) WIRELESS SOLAR-SYNC SENSORS ON SOUTH-FACING EAVES
BP	BY MECHANICAL	BY MECHANICAL	(2) 35mm (1.5") DOUBLE CHECK BACKFLOW PREVENTERS AND WATER SUPPLY, EXACT LOCATION TO BE DETERMINED BY MECHANICAL
---	SCHEDULE 40	SCHEDULE 40	(2) 35mm (1.5") PVC MAINLINES
---	SCHEDULE 40	SCHEDULE 40	PVC SLEEVES UNDER ALL PAVING AND THROUGH WALLS MIN. - TYP: MAINLINE & LATERALS: 100mm (4") LATERALS ONLY: 75mm (3") CONTROL WIRE: 50mm (2") BURIAL DEPTH TO MATCH DEPTH OF CARRIED PIPE

IRRIGATION NOTES

1. IRRIGATION SYSTEM INSTALLATION SHALL MEET OR EXCEED THE REQUIREMENTS SET OUT IN THE MOST CURRENT VERSION OF THE CANADIAN NURSERY LANDSCAPE ASSOCIATION (CNLA) / CANADIAN SOCIETY OF LANDSCAPE ARCHITECTS (CSLA) CANADIAN LANDSCAPE STANDARD.
2. IRRIGATION EMISSION DEVICES SHALL BE LOW VOLUME ROTARY NOZZLES OR MICRO/ DRIP EQUIPMENT.
3. THE CONTRACTOR SHALL ADJUST THE PLACEMENT AND RADIUS OF SPRINKLERS AS REQUIRED BY FIELD CONDITIONS TO ACHIEVE FULL COVERAGE OF ALL PLANTED AREAS AND TO MINIMIZE OVER-SPRAY ONTO ADJACENT HARD SURFACES, FENCES AND PROPERTY LINES.
4. ALL PIPING UNDER PAVING SHALL BE INSTALLED IN SEPARATE SCHEDULE 40 SLEEVES AT A MINIMUM DEPTH OF 600mm WITH 150mm OF SAND BACKFILL ABOVE AND BELOW PIPE. ALL WIRING UNDER PAVING SHALL BE INSTALLED IN SEPARATE SCHEDULE 40 PVC CONDUIT. ALL SLEEVES AND CONDUIT SHALL BE INSTALLED PRIOR TO PAVEMENT INSTALLATION AND SHALL EXTEND 150mm BEYOND EDGE OF PAVEMENT OR CURB. BACKFILL FOR SLEEVES SHALL BE COMPACTED TO THE SPECIFIED DENSITY FOR THE SUBGRADE.
5. OPERATE IRRIGATION CONTROLLER WITHIN THE CITY OF NANAIMO WATER RESTRICTION SCHEDULE.

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Nanaimo, BC

LANDSCAPE ARCHITECTURE SITE PLAN

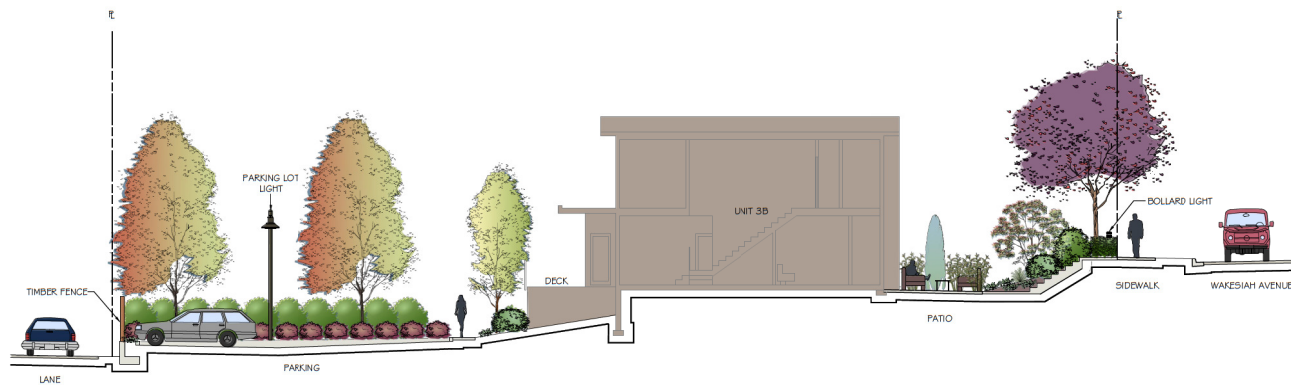
REVISION	SCHEDULE	NOTES
#	Date	
0	20/MC/2018	IP Review & Coordination
1	06/SEP/2018	Issued for BP
2	27/FEB/2019	Revised for BP

Date: February 27, 2019
Drawn: CMA
Checked: NG
Project Number: 18-0004

Scale: 1:200 metric

Project Number: 18-0004

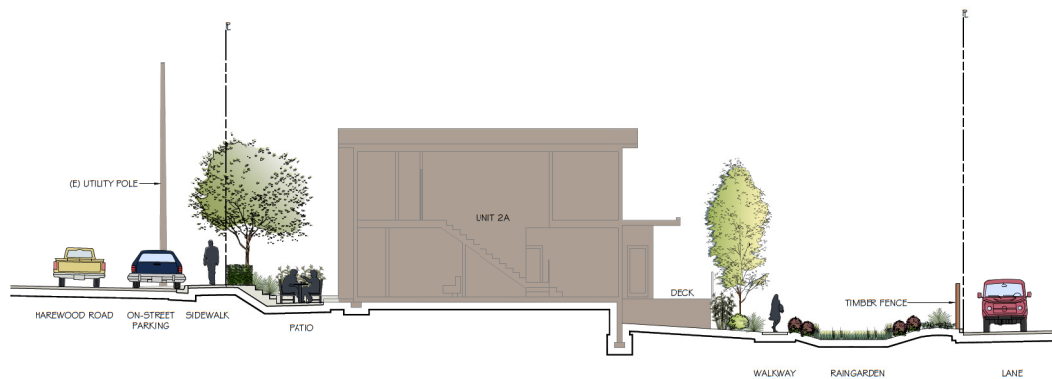
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Section A-A

1:100 metric

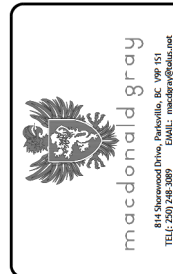
Section/ Elevation



Section B-B

1:100 metric

Section/ Elevation



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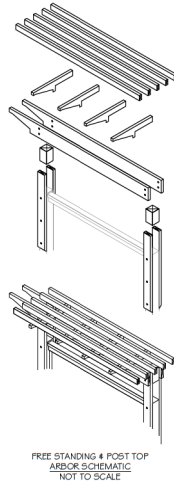
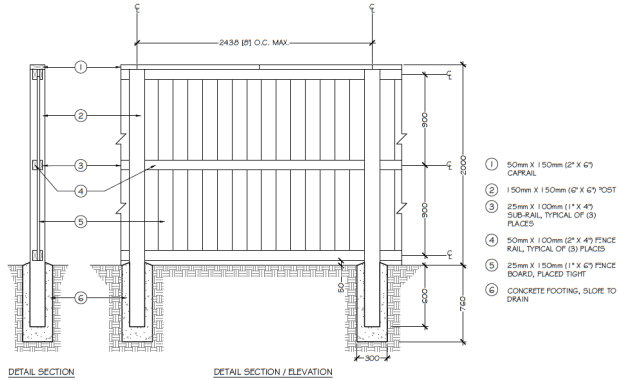
SECTIONS

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Drawn: CAA
Checked: JRG
Scale: 1:100 metric
Project Number: 18-0204

DRAWING NUMBER: L3 of 4

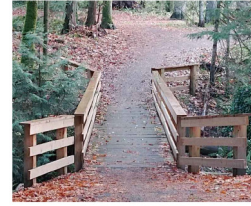
REVISION SCHEDULE		NOTES
#	Date	
0	20/MC/2018	DP Review & Coordination
1	06/SEP/2018	Issued for DP
2	27/FEB/2019	Reissued for DP

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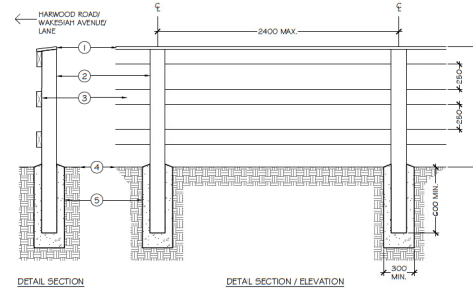


FREE STANDING 4 POST TOP
ARBOR SCHEMATIC
NOT TO SCALE

1:25 metric/ As Noted



COLLIERY DAM INSPIRATION



1. 25mm x 300mm (1" x 6") CEDAR CAP RAIL
2. 150mm x 150mm (6" x 6") CEDAR POST, TRIM TOP TO DRAIN
3. 50mm x 150mm (2" x 6") CEDAR RAIL, TYPICAL OF (3) PLACES, FASTEN WITH (2) GALVANIZED WOOD SCREWS PER POST-RAIL CONNECTION
4. FINISHED GRADE
5. CONCRETE FOOTING, SLOPE TO DRAIN

1:25 metric

A 2.0m Fence, Post Top & Freestanding Arbor

Section/ Elevation/ Isometric

B Colliery Dam Fence

Section/ Elevation

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Nanaimo, BC

DETAILS

Date: February 27, 2019
Drawn: CH
Checked: NG
Scaled: AS NOTED
Project Number: 18-0204

DRAWING NUMBER: L4 of 4

REVISION SCHEDULE

#	Date	NOTES
0	20JAN2018	DP Review & Coordination
1	06SEP2018	Issued for DP
2	27FEB2019	Revised for DP

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