Abstract Developments

4080 Gordon Head

Saanich, BC





Landscape Sheets		
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rev no	description	date
1	Development Permit	01 APR 2022
2	DP Resubmission	10 APR 2024
		<u> </u>



3388e Tennyson Av

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client

ABSTRACT DEVELOPMENTS 301-1106 COOK ST VICTORIA, BC

project

4080 GORDON HEAD 4080 GORDON HEAD ROAD VICTORIA, BC

sheet title

Cover

project no.		122.07
scale	1: 250	@ 24"x36"
drawn by		MV
checked by		SM

<u>2</u> L0.00

GENERAL NOTES

- GENERAL NOTES

 1. Work performed shall comply with the following: a) These General Notes, and Construction

 Documents and Specifications; b) Canadian Landscape Standards, Current Edition (CLS-CE); and c)

 All applicable local, provincial, and federal codes, ordinances, and regulations.

 C Contractor shall be responsible for verifying all existing site conditions including location of all property lines, existing structures, utilities, and buried infrastructure. Verify all field conditions prior to
- commencing work.

 Contractor is responsible for determining means and methods for construction. These drawings may indicate a limit of proposed improvements or limit of work for the delineation of expected extents of disturbance. Should limits of disturbance exceed boundaries defined in drawings, contractor shall contact Landscape Architect for resolution.
- contact Landscape Architect for resolution.

 4. Contractor is responsible for repairing all work disturbed by construction outside of limit lines defined on drawings or through their means and methods to a condition better than or equal to the existing conditions prior to commencement of construction at no additional cost to the owner.

 5. Contractor is responsible for maintaining a complete up-to-date set of drawings and specifications at the construction site and ensuring the documents are readily available for review by the Landscape Architect and covering agency.
- Architect and governing agency.

 6. Contractor is responsible for coordination of all designs, drawings, specifications and other documents or publications upon which construction is based. Any discrepencies with the drawings and/or specifications and site conditions shall be brought to the attention of the Landscape Architect, prior to
- The drawings and specifications are complementary to one another and implied to correspond with one another. Any discrepencies should be brought to the attention of the Landscape Architect for
- resolution immediately.

 8. General Contractor and/or sub-contractors are responsible for all costs related to production and submission to consultant of all landscape as-built information including irrigation.

TREE PROTECTION NOTES

- Tree PROTECTION NOTES
 Tree protection fencing, for existing trees, to be installed prior to commencement of all site work. Refer to Arborist's plans for location of tree protection fencing, and protection fencing detail.
 Refer to arborist's report for detailed information for existing tree resources.
 Landscape retaining wail within tree protection zone to use a pre-cast block installed over open graded granular or structural soil base (no footing). Max height 600 mm. Construction will use best management practices in consultation with the Project Arborist to minimize native topsoil disturbance and topsoil compaction.
 Patios within tree protection.
 Patios within tree protection to use a permeable pavers and will provide drainage to the adjacent landscape. mimicking the existing site condition.
- landscape, mimicking the existing site condition."

 5. Path within tree protection zone to use 100 mm thick granular crush installed over the existing grade
- surface. Construction will use best management practices in consultation with the Project Art minimize native topsoil disturbance and topsoil compaction.

SITE GRADING AND DRAINAGE NOTES

- Refer to Architectural plans, sections and elevations for top of slab elevations. Slab elevations indicated on Landscape drawings are for reference only. Report any discrepancies to consultant for
- All road, public walkway and vehicular drive aisles and parking area elevations indicated on the Landscape drawings are for reference only. Refer to Civil Engineering drawings, Report any discrepancies to consultant for review and response.

 4. Confirm all existing grades prior to contruction. Report any discrepancies to consultant for review and
- Unless otherwise noted provide a minimum slope of 2% on all hard and soft Landscape areas to
- Some some nation of the property of the state of the

IRRIGATION NOTES

- Contractor to provide irrigation system for all planters to current IIABC Standards and Contract

- Specifications.
 All specified work to meet the project specifications, and all standards or specifications established in the lastest edition of the Canadian Landscape Standard and IABC standards.

 Design/build drawings for detailed irrigation plan to be submitted to Contract Administrator in PDF and dwg formats at least two weeks prior to commencement of irrigation installation

 Utilities Contractor to verify location of all on-site utilities, prior to construction. Restoration of damaged utilities shall be made at the contractor's expense, to the satisfaction of the owner's representatives.

- representatives.

 5. Refer to electrical drawings for electrical service.

 6. Controller and backflow prevention device to be located in Mechanical Room, unless otherwise noted. Refer to Mechanical drawings for size and location of Irrigation service.

 7. Contractor to verify pressure and flow prior to installation of Irrigation and notify owner's representative in writing if such date adversely affects the operation of the system.

 8. Sleeves shall be installed at the necessary depths, prior to pavement construction. Sleeving shall extend 300 mm from edge of paving into planting area, and shall have ends marked above grade unless otherwise shown.
- unless otherwise shown.

 Contractor to field fit irrigation system around existing trees, to limit disturbance to root systems. 9. Contractor to need in tringulation system around existing trees, to limit disturbance to root systems.
 10. At various milestones during construction, inspection and testing of components will be required to ensure that the performance of irrigation system meets standards and specifications. Contractor to provide equipment and personnel necessary for performance of inspections and tests. Conduct all inspections and tests in the presence of the contract administrator. Keep work uncovered and accessible until successful completelition of inspection or test.
 11. Over spray onto hardscape areas to be minimized. Use drip irrigation within small planting areas to avoid overcons.
- avoid overspray.

 12. Trees within shrub or rain garden areas to be irrigated with spray heads.

- GROWING MEDIUM NOTES

 1. Refer to Landscape Specifications for growing medium properties by soil type.

 2. Advise Confract Administrator of sources of growing medium to be utilized 14 days in advance of
- Growing medium properties and handling shall meet CLS-CF (see Section 6 CLS-CF).
- Growing meour properties and nanding shall meet CLS-CE (see Section 6 CLS-CE).
 Contractor is responsible for soil analysis and amendment requirements to supply suitable growing medium, as specified by testing agency. Soil analysis and amendment costs shall be included in the price for the work.
 Submit to the Landscape Architect a copy of the soil analysis report from Pacific Soil Analysis Inc. 5-11720 Voyageur Way, Richmond, BC, V6X 3G9, p. 604-273-8226. The analysis shall be of tests done on the proposed growing medium from stratified samples taken from the supply source. Costs of the initial and all subsequent tests to ensure compliance with the specifications shall be borne by the Contractor.
- the Contractor.

 Contract Administrator will collect sample of growing medium in place and determine acceptance of material, depth of growing medium and finish grading. Approval of growing medium material subject to soil testing and analysis. Planting is not to occur until finished grades have been approved by

SITE LAYOUT NOTES

- Provide layout of all work for approval by Contract Administrator prior to proceeding with work. Requests for site review as required 48 hours in advance of performing any work, unless otherwise
- noted on this sheet.

 2. Layout and verify dimensions prior to construction. Bring discrepancies to the attention of the Contract
- Administrator.

 N. Written dimensions take precedence over scale. Do not scale drawings.

 All plan dimensions in metres and all detail dimensions in millimetres, unless otherwise noted.

 Where dimensions are called as 'equal' or 'eq', space referenced items equally, measured to centre

GENERAL PLANTING NOTES

- Plant quantities on Plans shall take precedence over plant list quantities.

 Provide layout of all work for approval by Contract Administrator prior to proceeding with work.

 Plant material, installation and maintenance to conform to the current edition of the Canadian
- Plant quantities and species may change between issuance of DP and Construction due to plant availability and design changes. Substitutions to be approved by Landscape Architect.

TREE PLANTING NOTES

- For on-slab landscape, a root barrier will be installed to protect exposed water proof membranes. A dimple board (drain mat) will be installed over the root barrier.
 Parkade walls and foundation walls will be protected with a dimple board (drain mat) to convey water
- Parkade walls and foundation walls will be protected with a dimple board (drain mat) to convey water to the perimeter drain and protect wall from roots. A root barrier will be installed between the tree roots and perimeter drain, to minimize tree root interference with the drain, where the follow conditions exist in on-grade planting areas: suphwere trees less than 8m stall are located closer than 2m from a parkade or foundation wall; by where trees more than 8m tall are located closer than 3m from a parkade or foundation wall; and c) where perimeter drains are less than 2m deep.

 Trees to be planted minimum 1m away from property line.

BOULEVARD PLANTING NOTES

- SOULE VARD PLANTING NOTES

 1. Boulevard trees have been placed to avoid existing and proposed infrastructure. Trees are planted a minimum of 1.5m away from proposed and existing underground services. Where boulevard trees are planted adjacent to hard surfaces, not barriers are proposed.

 2. Boulevard trees will be place a minimum of 1.5m from an above ground municipal service such as fire hydrant, streetlight or driveway.

 3. Boulevard tree species have been picked from the municipality's list of recommended boulevard trees or have been selected due their site-adapted qualities. Final selection of boulevard trees to be determined through consultation with municipal parks staff.

 3. Irrigation to be installed as per Municipal Specifications, for all boulevard planting areas (unless otherwise indicated).

- Design/build drawings for boulevard irrigation to be submitted to Contract Administrator in PDF and .dwg formats, at least two weeks prior to commencement of irrigation installation and will be reviewed by municipal staff.

 Refer to Civil drawings for location of boulevard irrigation point of connection. Separate water meter
- and timer/controller, to be provided at point of connection. Timer/controller for boulevard areas must be readily accessible to municipal staff. Boulevard irrigation to be inspected as per municipal specification by municipal staff. Boulevard tree irrigation system will be maintained and operated by municipality, after it is inspected and approved by
- Soil volume for boulevard trees to be as follows: 8 cu. m. for small trees, 12 cu. m. for medium trees, and 16 cu. m. for large trees.

- NOTES TO THE PROPERTY OF THE P installation. Contractor to pour concrete pavement in alternating panels as required to achieve control joint design and to prevent cracking.
- lace concrete areas that are subject to vechicular loading shall be structurally reinforced for e vehicular loading requirements. See Structural Engineering drawings.

- WARRANTY AND MAINTENANCE NOTES

 1. Contractor is responsible for Maintenance from installation to Acceptance of the work by the Contract
- Refer to Landscape Specifications for Maintenance Period following Acceptance.
- 2. Reier to Landscape Spedinations for Maintenance Pendo following Acceptance. This warranty is based on adequate maintenance by the Owner after Acceptance, as determined by the Landscape Architect. The Contractor will not be responsible for plant loss or damage to other products by causes out of the Contractor's control, such as vandalism, "acts of God", "excessive wear and tear", or abuse.

 4. Contractor is responsible for plant damage, failure and death due to poor delivery, storage and handling, and all other installation related aspects up until the End of Warranty period.

 5. Plant material, installation and maintenance to conform with the current edition of the Canadian
- Landscape Standards, and the Contract Specifications

LIST OF ABBREVIATIONS

APPROX	APPROXIMATE	M	METRE
ARCH	ARCHITECT	MAX	MAXIMUM
		MFR	MANUFACTURER
AVG	AVERAGE	MH	MANHOLE
B&B	BALLED AND BURLAPPED	MIN	MINIMUM
BC	BOTTOM OF CURB	MISC	MISCELLANEOUS
BLDG	BUILDING	MM	MILLIMETRE
BM	BENCHMARK	N	
BC	BOTTOM OF CURB	NIC	NORTH
BR	BOTTOM OF RAMP		NOT IN CONTRACT
BS	BOTTOM OF STEP	NO	NUMBER
BW	BOTTOM OF WALL	NOM	NOMINAL
CAL	CALIPER	NTS	NOT TO SCALE
CB	CATCH BASIN	OC	ON CENTER
CF	CUBIC FEET	OD	OUTSIDE DIAMETER
CIP	CAST IN PLACE	PC	POINT OF CURVATURE
CL CL		PE	POLYURETHANE
	CENTERLINE	PI	POINT OF INTERSECTION
CLR	CLEARANCE	PL	PROPERTY LINE
CM	CENTIMETER	PT	POINT, POINT OF TANGENCY
CO	CLEAN OUT	PVC	POLYVINYL CHLORIDE
CONT	CONTINUOUS	YTO	QUANTITY
CU M	CUBIC METRE	R	RADIUS
DEG	DEGREE	REF	
DEMO	DEMOLISH, DEMOLITION		REFERENCE
DIA	DIAMETER	REINF	REINFORCE(D)
DIM	DIMENSION	REQ'D	REQUIRE(D)
DTL	DETAIL	REV	REVISION
DWG	DRAWING	ROW	RIGHT OF WAY
E	EAST	S	SOUTH
ĒA	FACH	SAN	SANITARY
		SD	STORM DRAIN
EL	ELEVATION	SF	SQUARE FOOT (FEET)
ENG	ENGINEER	SHT	SHEET
EQ	EQUAL	SIM	SIMILAR
EST	ESTIMATE	SPECS	SPECIFICATIONS
E.W.	EACH WAY	SQ M	SQUARE METRE
EXIST	EXISTING	ST	STORM SEWER
EXP	EXPANSION, EXPOSED		
FFE	FINISHED FLOOR ELEVATION	STA	STATION
FG	FINISHED GRADE	STD	STANDARD
FL	FLOW LINE	SYM	SYMMETRICAL.
FOC	FACE OF CURB	T&B	TOP AND BOTTOM
FT	FOOT (FEET)	TC	TOP OF CURB
FTG	FOOTING	TF	TOP OF FOOTING
		TH	THICK
GA	GAUGE	TOPO	TOPOGRAPHY
GEN	GENERAL	TR	TOP OF RAMP
GR	GRADE ELEVATION	TS	TOP OF STEP
HORIZ	HORIZONTAL	TW	TOP OF WALL
HP	HIGH POINT	TYP	TYPICAL
HT	HEIGHT	VAR	VARIES
ID	INSIDE DIAMETER	VAR	VOLUME
INV	INVERT ELEVATION	W	
IN	INCH(ES)		WITH
INCL	(NCLUDE(D)	W/O	WITHOUT
JT	TAIOL	WT	WEIGHT
ĽF	LINEAR FEET	WL	WATER LEVEL
LP		WWF	WELDED WIRE FRAME
LP	LOW POINT	YD	YARD

LEGEND

Property line Extent of Parkade, below ____ **Building Overhang**

Rain garden - TOP OF POOL Rain garden - BOTTOM OF POOL

Root Barrier Irrigation Sleeve

Cast in Place Concrete Pavement -Broom Finish Tooled Joints

Vehicular Unit Paving Type 1 Vehicular Unit Paving Type 2

Speciality Unit Paying

Unit Paving: Hydra-Pressed Slab Granular Path

Cast in Place Concrete Feature Band

Shrub Planting Area

Grass Area

Seating / Retaining Wall

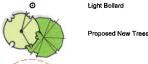
Wood Fence, 1.8m high

Entry Monument Stone Masonry Feature

Controlled Access Patio Gate Metal Construction

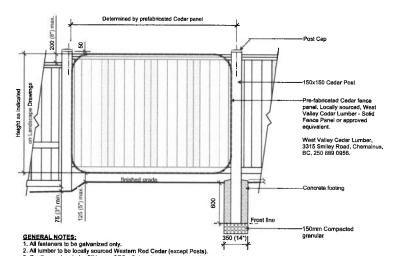
Bike Parking Rack

Planter with ornamental plantings



24

Retained and its critical root zone



Determined by prefebricated Cedar nanel

Typical 6' Wood Fence On Grade

GENERAL NOTES:

All fasteners to be galvanized only.

Typical 6' Wood Fence On Concrete Wall
Scale: 1:25

1. All instellers to be locally sourced Western Red Cedar (except Posts).
2. Cating system to be Sikkens - SRD. Colour to complement Architectura palette. Final selection to be confirmed by LA prior to application.

PLANNING DEPT DISTRICT OF SAAMICH

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Landscape Architects Phone: Fax:

3388e Yeneyson Ave Victoris, BC V8Z 3P6



ABSTRACT DEVELOPMENTS 301-1106 COOK ST VICTORIA BC

4080 GORDON HEAD ROAD VICTORIA, BC

General Information

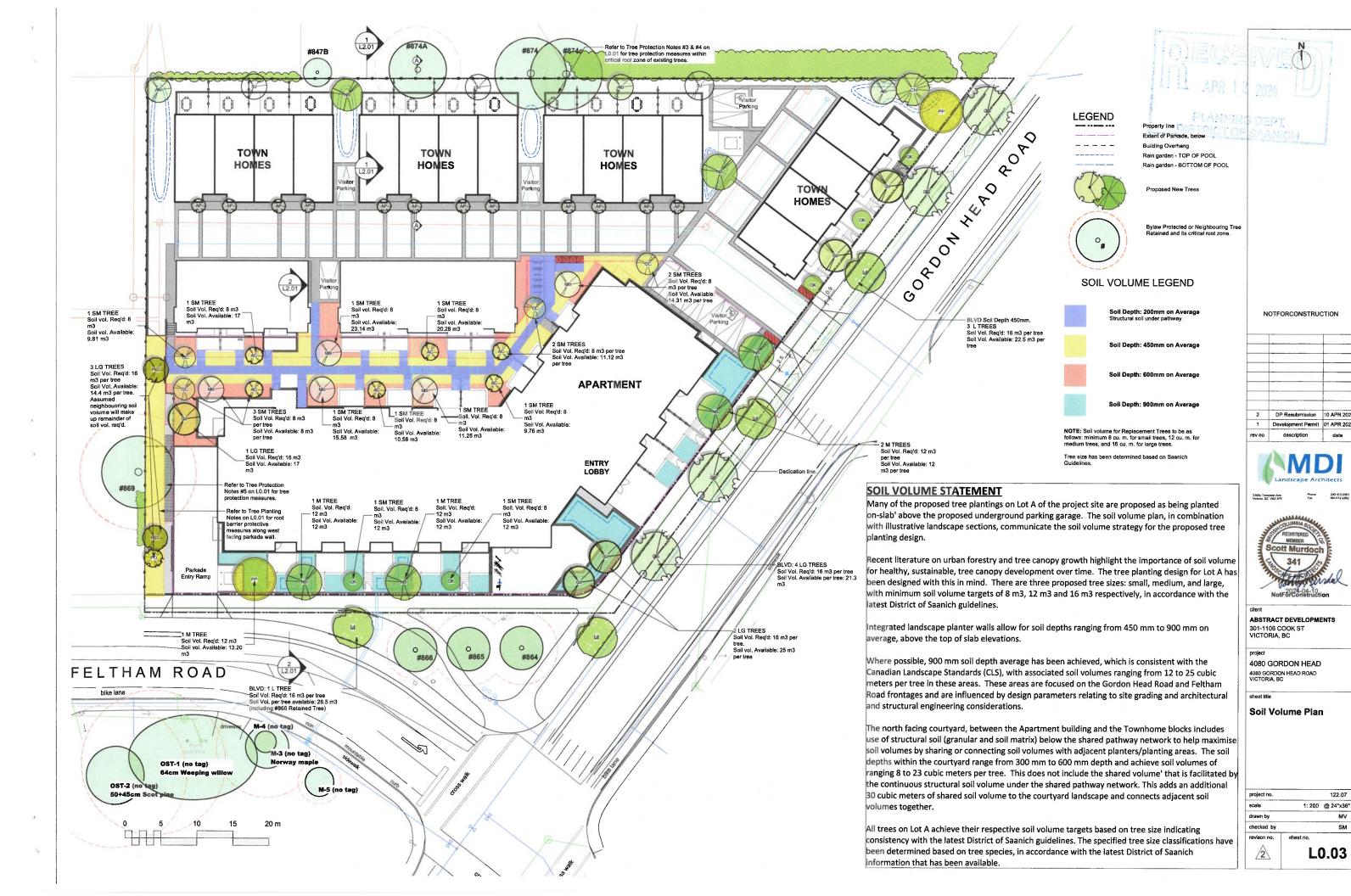
4080 GORDON HEAD

project no 122.07 scale 1: 200 @ 24"x36" drawn by SM

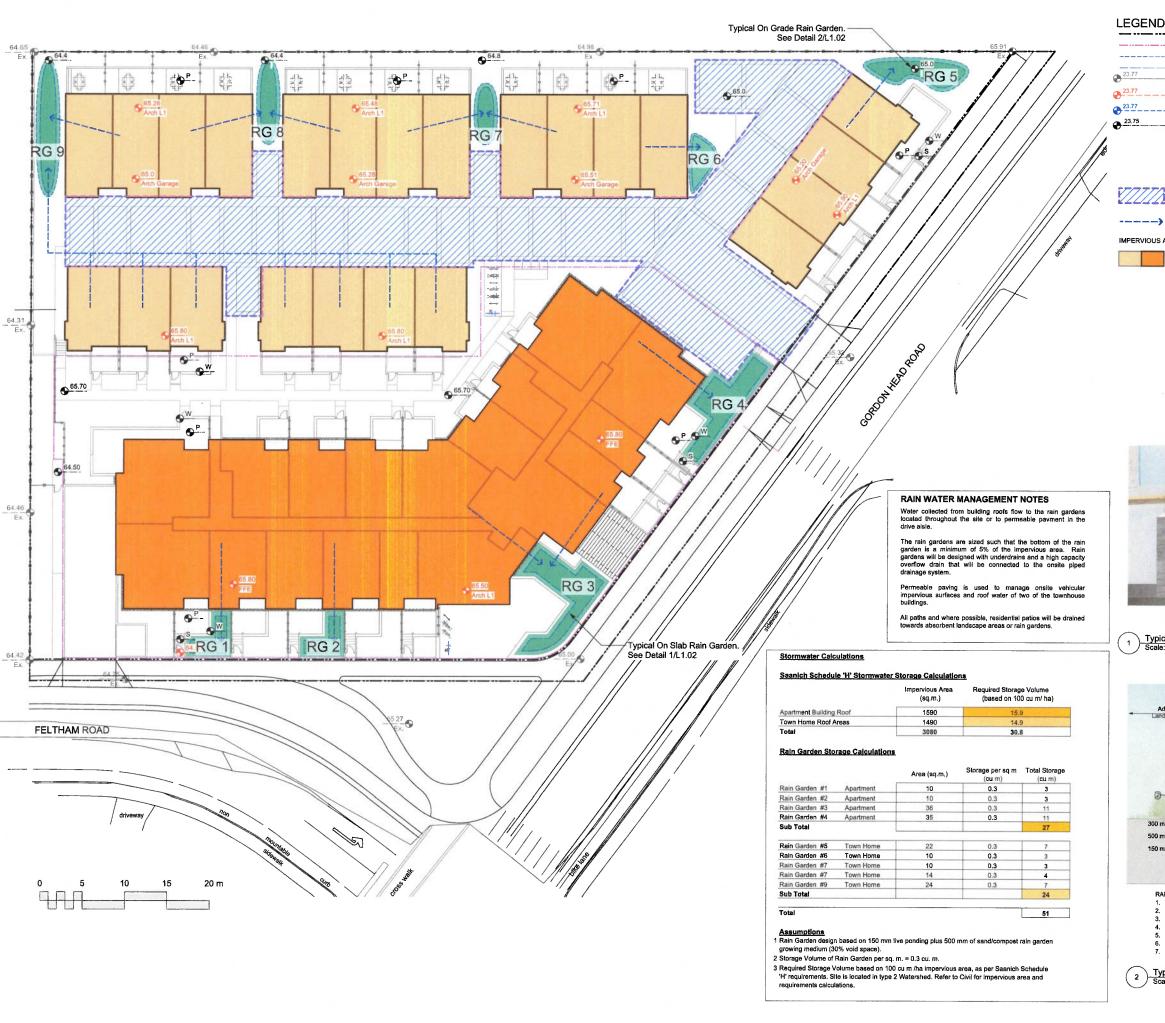
revison no. 2

L0.01









LEGEND

Property line Extent of Parkade, below

Rain garden - TOP OF POOL Rain garden - BOTTOM OF POOL Existing Landscape Grade

23.77 **3**23.77

Architectural grade, provided for reference only Civil grade, provided for reference only Proposed Landscape grade

Patio: -50mm from F.F.E.

Seating and Retention Wall: 450mm height

Strairs: 3-5 Risers depending on final Grade

Mix of permeable and non-permeable paving Minimum 40% permeable pavment.

DRAINAGE FLOW DIRECTION

IMPERVIOUS AREAS

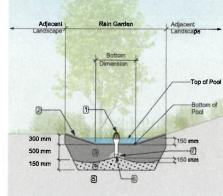
Roof drains to Rain Garden



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1 Typical Rain Planter Scale: 1:50



RAIN GARDEN MATERIALS

- RAIN GARDEN MATERIALS

 O Veriflow drain, 200 mm domed grate + adapter

 Composted mulch, 50 -70 mm depth

 Bio-retention growing medium, 500 mm depth

 Scariffed/tilled subgrade, 150 mm depth

 Existing subgrade/native material

 100 mm diameter (min) perforated pipe

 7. 25 mm diameter drain rock, 100 mm depth

Typical Rain Garden
Scale: 1:50

DP Resubmission 10 APR 2024 1 Development Permit 01 APR 2022 TRV NO

3388e Yennyaren Arre Welerie, BC VEZ 3P6 Phone: Fax:

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ABSTRACT DEVELOPMENTS 301-1106 COOK ST VICTORIA, BC

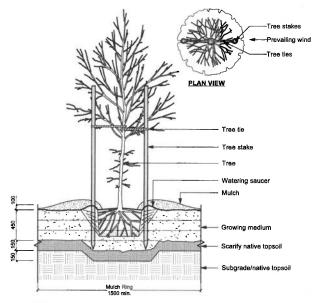
4080 GORDON HEAD 4080 GORDON HEAD ROAD VICTORIA, BC

Landscape Grading & Stormwater Management

<u>/2</u> \	L1.02
revison no.	sheet no.
checked by	SM
drawn by	MV
scale	1: 200 @ 24"x36"
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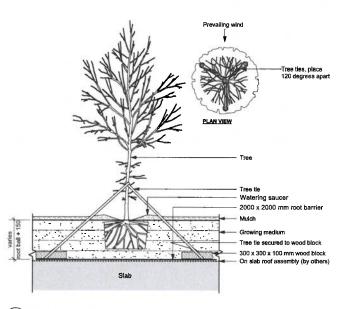


4 Storey Multifamily Building U/S ROOF LVL.4 LVL.3 LVL.2 TW= 66.25 -GRND LVL. 65.80 Pre-fabricated planter on pavers - Pavers on pedestals 450mm average soil depth
 Slope slab
 Structural soil under path Sidewalk. See civil – Drain – 1.2m hedge - Arch input on edge of slab elevation Bilevel drain - 1.2m hedge Pavers on sand+gravel - Concrete wall - Pavers on pedestals



NOTE: All boulevard trees to have root barrier according to Saanich bylaws were applicable.

Tree Planting Detail on Grade
Scale: 1:25



Tree Planting Detail on Slab
Scale: 1:25



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2	DP Resubmission	10 APR 2024
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rev no	description	date



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client

ABSTRACT DEVELOPMENTS 301-1106 COOK ST VICTORIA, BC

project

4080 GORDON HEAD 4080 GORDON HEAD ROAD VICTORIA, BC

sheet title

Landscape Sections

project no.		122.07
scale	1: 200	@ 24"x36"
drawn by		MV
checked by		SM
revison no.	sheet no.	

sheet no. L2.01

