



NOTICE OF A SPECIAL MEETING

AGENDA for the Special Meeting to be held on Tuesday, October 18, 2022 electronically and in the Council Chambers of the Municipal Office, 1 Mackenzie Boulevard, Mackenzie, BC.

CALLED TO ORDER AT 12:15 PM

We would like to begin by acknowledging the land on which we gather is within the traditional territory of the Tse'khene People of the McLeod Lake Indian Band.

1. **ADOPTION OF AGENDA**
2. **INTRODUCTION OF LATE ITEMS**

THAT Council add the following items to the agenda:

4. Administration Reports

- a) *New Attachment 'A' for Community Bike Park Asphalt Pump Track & Plaza Report*
- b) *UBCM CEPF Grant Application*

THAT Council approves the application to the UBCM Community Emergency Preparedness Fund for \$30,000 towards Fire Department equipment;

AND THAT the Chief Administrative Officer be authorized to execute the grant application and, if the application is successful, any related documentation.

3. PUBLIC COMMENT AND QUESTIONS

- a) *Please note that all comments and questions must pertain to items listed on the agenda.*

Are there any members of the public in attendance this evening who wish to comment on the agenda?

Administration are there any members of the public attending through Zoom or Phone that wish to comment on the agenda?

4. ADMINISTRATION REPORTS

- a) Community Bike Park Asphalt Pump Track & Plaza 3 - 34

THAT Council awards Axis Mountain Technical Inc. the contract to provide an asphalt pump track and plaza for the community bike park at an additional cost of \$54,137.72 plus GST.

- b) UBCM CEPF Grant Application 35 - 36

THAT Council approves the application to the UBCM Community Emergency Preparedness Fund for \$30,000 towards Fire Department equipment;

AND THAT the Chief Administrative Officer be authorized to execute the grant application and, if the application is successful, any related documentation.

5. UNFINISHED BUSINESS

6. NOTICE OF MOTION

7. COMING EVENTS

8. INQUIRIES

- In-person
- Online (Zoom)/phone
- Written comments received

9. ADJOURNMENT

COUNCIL REPORT

To: Mayor and Council

From: Recreation Services

Date: October 14, 2022

Subject: Community Bike Park Asphalt Pump Track & Plaza

RECOMMENDATION:

THAT Council awards Axis Mountain Technical Inc. the contract to provide an asphalt pump track and plaza for the community bike park at an additional cost of \$54,137.72 plus GST.

BACKGROUND:

At the Regular Meeting on September 26, 2022, Council directed staff to provide a report with concepts and plan for an asphalt pump track, inclusive of a methodology for preparation of the site for asphalt and have it reviewed by our standard engineering firm, GeoNorth.

VDZ+A created the plans (Attachment A) and GeoNorth reviewed them, providing this feedback:

- There is no way to guarantee the warranty of asphalt surfacing in northern climates, but there are specific measures that can be taken to reduce the likelihood of frost heaving.
 - Bike loads are negligible vs. logging trucks.
- The first measure that is difficult to control is the quality of subgrade material - clay/silt material that naturally exists and is susceptible to frost heave. Process to go about minimizing impact is compacting in minimal lifts for ultimate compaction.
- The second measure is to ensure that a good drainage (water management) system is in place. Ensuring that drainage is working properly greatly minimizes the effect of frost heaving. The current drainage system in place has been designed to shed water from pooling on site within the boundary of the Pump Track/Bike Park. Waiting until Spring to asphalt the pump track surface will allow us to see if there are any potential areas of concern with drainage that may require additional work.
- Increasing the depth of 3/4" crush base (crush material that is capable of being compacted to hold feature shapes) from 150mm - 250/300mm helps mitigate risk of frost heaving.

- Last of all, closing the pump track during winter months is recommended- snow acts as insulator of asphalt surfaces and should help prevent frost from going lower than 1 foot into the ground.

Other Notes

If the asphalt does heave or crack, Public Works has new equipment that can address most issues.

Council also asked if other Northern communities have asphalt pump tracks. As pump tracks and biking becomes more popular, northern municipalities are slowly catching up, asphalt pump tracks or plans to build them with asphalt include:

- Tumbler Ridge
- Terrace
- Prince George (Planned)
- Prince Rupert (Planned)

Funding for Asphalt Pump Track and Plaza

Council approved a letter of support towards South Peace Mackenzie Trust to apply for funding towards the park to help offset the District's contribution. The District was successful in receiving \$250,000 towards the project.

This contribution brought the District of Mackenzie's total investment down to \$9,770 (Budget A) for the signature trail, community bike park and ski hill upgrade projects.

As a result, staff are now asking Council whether they would reconsider the asphalt pump track and plaza. This is due to the additional funds secured, the increased use the park would receive and the reduction in on-going maintenance. The current recommendation would see the District contribute \$54,137.72 for a total of up to \$63,907.72 (Budget B) for all upgrade projects and reduce maintenance costs on the park going forward.

Budget A – Current Budget:

Funder	Approved Funding	% of Total Project
Province of BC	\$500,000	54%
District of Mackenzie	\$9,770	1%
NDIT	\$90,000	10%
CNC Legacy Forest	\$45,000	5%
Coastal GasLink	\$25,000	3%
NEW South Peace Mackenzie Trust	\$250,000	27%
TOTAL	\$919,770	100%

Budget B - Recommended Budget:

Funder	Approved Funding	% of Total Project
Province of BC	\$500,000	52%
District of Mackenzie	\$63,908	7%
NDIT	\$90,000	9%
CNC Legacy Forest	\$45,000	5%
Coastal GasLink	\$25,000	3%
NEW South Peace Mackenzie Trust	\$250,000	26%
TOTAL	\$973,908	100%

BUDGETARY IMPACT:

The additional \$54,137.72 would be allocated from Capital Deferred Revenue.

COUNCIL PRIORITIES:

Community and Social Development

- Our investment in the municipality's services and infrastructure, our commitment to principles of social equity and well-being, and our belief in the value of resident engagement, creates a healthy community in which everyone feels valued and enjoys a high quality of life.

Strong Governance and Finances

- As the municipality's elected governing body, we serve all residents and businesses in the community. We engage residents and stakeholders on important issues and make our decisions through open and transparent processes. We are careful in our use of resources, mindful of the need to maintain programs and services, while also meeting the community's infrastructure needs.

Respectfully Submitted,



Terry Gilmer
Director of Recreation Services



Kerri Borne
Chief Financial Officer



Approved for Submission to Council

Mackenzie Bike Park

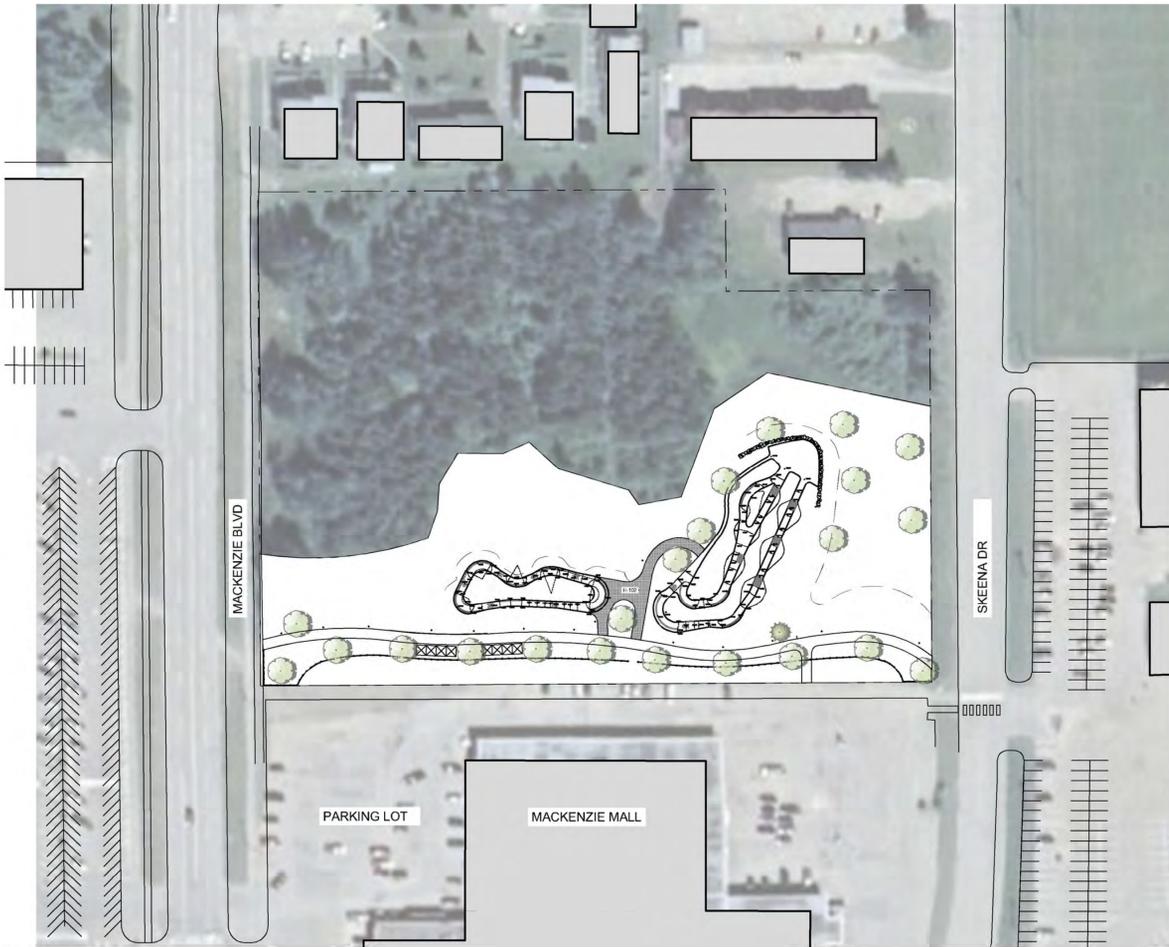
Issued for Tender

Contact Information	Other Key Contacts:
<p>VDZ+A Project Landscape Architecture</p> <p>Fort Langley Studio 100 - 9181 Church Street Fort Langley, British Columbia, V1M 2R8</p> <p>Mount Pleasant Studio 102-3535 Kingsway Vancouver, British Columbia, V5T 3J7</p> <p>Primary project contact: David Jerke Principal Landscape Architect davidj@vdz.ca o. 604 546 0921</p> <p>Alternate contacts (in case away): Mason Tierney Landscape Designer mason@vdz.ca o. 604 546 0929</p>	<p>District of Mackenzie Project Owner</p> <p>1 Mackenzie Blvd, Mackenzie, BC, V0J 2C0</p> <p>Legal Address and Description:</p> <p>Lot 1 Plan PGP17067 District Lot 12463 Land District 05 Except Plan PGP18664 Rem. LOT 2. PLAN 24200</p> <p>Lot 2 Plan PGP24200 District Lot 12463 Land District 05 Except Plan 27125 EX PL 27125</p>

Sheet List Table

Sheet Number	Sheet Title
L-01	COVER PAGE
L-02A	WEST SITE PLAN
L-02B	EAST SITE PLAN
CV-01	GRADING PLAN
CV-02	SERVICING PLAN
CN-01	CIVIL NOTES
LS-01	SECTION
LS-02	SECTION
LD-01	DETAILS
LN-01	LANDSCAPE NOTES
LN-02	LANDSCAPE NOTES
B-01	BIKE PARK NOTES
B-02	BIKE PARK FEATURE PLAN

B-03	BIKE PARK MATERIAL PLAN
B-04	BIKE PARK MARKING PLAN
B-05	BIKE PARK LAYOUT PLAN
B-06	BIKE PARK LAYOUT PLAN
B-07	BIKE PARK LAYOUT PLAN
B-08	BIKE PARK LAYOUT PLAN
B-09	BIKE PARK LAYOUT PLAN
B-10	BIKE PARK GRADING & DRAINAGE
B-11	BIKE PARK GRADING & DRAINAGE
BS-01	BIKE PARK SECTIONS
BS-02	BIKE PARK SECTIONS
BS-03	BIKE PARK SECTIONS
BS-04	BIKE PARK SECTIONS
BS-05	BIKE PARK SECTIONS
BD-01	BIKE PARK DETAILS
BD-02	BIKE PARK DETAILS



1 SITE PLAN OVERVIEW
Scale 1:1000



2 LOCATION MAP
Scale NTS

No.	By:	Description	Date
4	MT	Reissued for Tender	2022-05-25
3	MT	Issued for Tender	2022-04-04
2	MT	Issued for 90%	2022-03-07
1	MT	Issued for 50%	2022-01-16

REVISIONS TABLE FOR DRAWINGS
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No.	By:	Description	Date

REVISIONS TABLE FOR SHEET

Project:
Mackenzie Bike Park

Location:
Lot 1 Plan PGP17067 District Lot 12463 Land District 05 Except Plan PGP18664 Rem. LOT 2. PLAN 24200

Lot 2 Plan PGP24200 District Lot 12463 Land District 05 Except Plan 27125 EX PL 27125

Drawn: MT BF	Stamp:
Checked: DJ	
Approved: DJ	
Scale: AS SHOWN	Original Sheet Size: 24"x36"

CONTRACTOR SHALL CHECK ALL DIMENSIONS ON THE WORK AND REPORT ANY DISCREPANCY TO THE CONSULTANT BEFORE PROCEEDING. ALL DRAWINGS AND SPECIFICATIONS ARE THE EXCLUSIVE PROPERTY OF THE OWNER AND MUST BE RETURNED AT THE COMPLETION OF THE WORK. ALL REVISIONS TO DRAWINGS MUST NOT BE PRICED FOR CONSTRUCTION UNLESS LABELED ISSUED FOR TENDER/CONSTRUCTION.

Drawing Title:
COVER PAGE

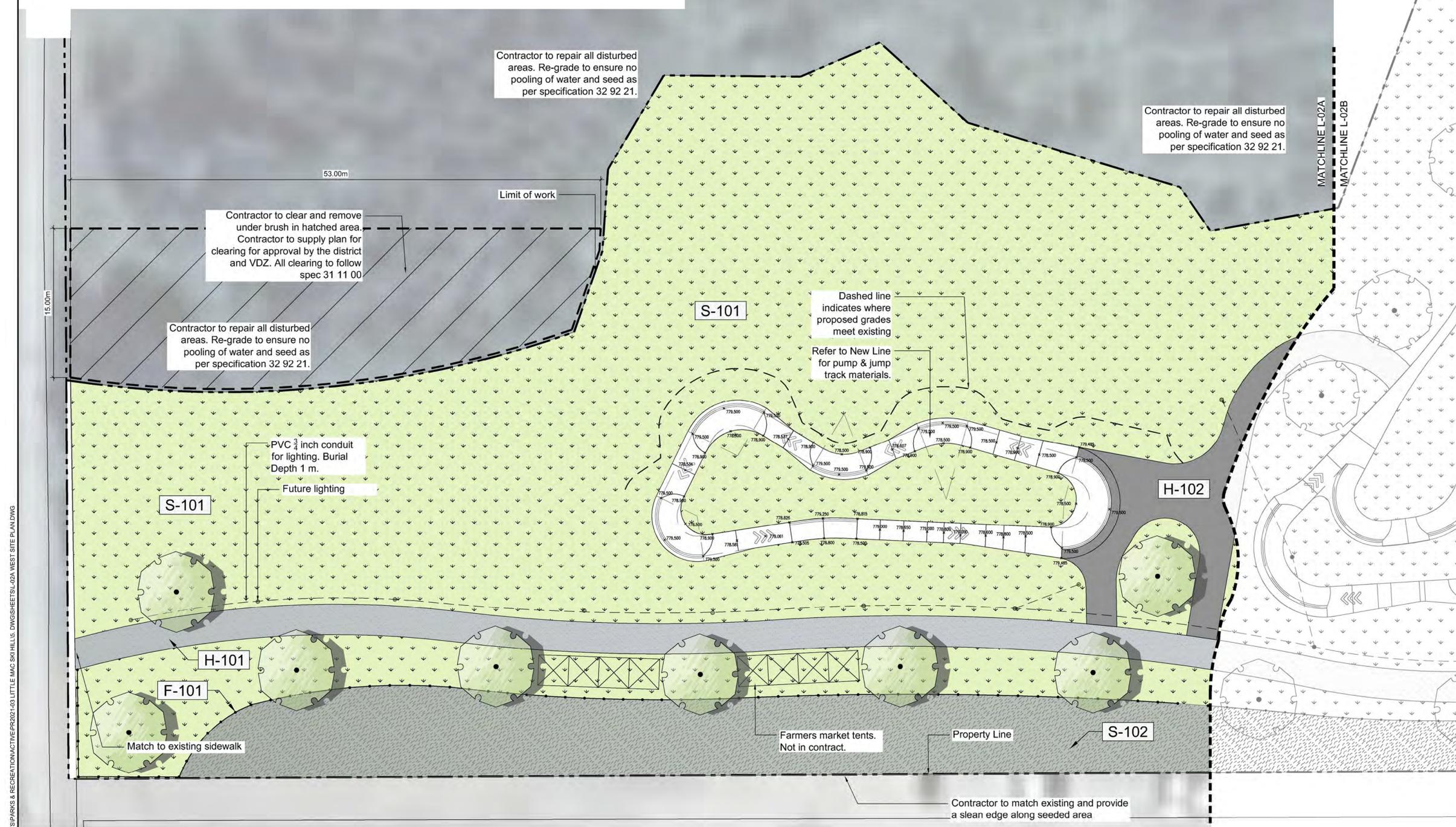


VDZ Project #:
PR2021-03

Drawing #:
L-01

REFERENCE NOTES SCHEDULE

FENCING			
SYMBOL	DESCRIPTION	QTY	DETAIL
F-101	THREE RAIL FENCE	218,1 m	7/LD-01
HARDSCAPE			
SYMBOL	DESCRIPTION	QTY	DETAIL
H-101	GRANULAR PATH	644,6 m ²	2/LD-01
H-102	65MM MIN ASPHALT PATH	235,4 m ²	1/LD-01
SOFTSCAPE			
SYMBOL	DESCRIPTION	QTY	DETAIL
S-101	SEED W/ HYDRO MULCH	9 975 m ²	
S-102	LOW MAINTENANCE SEED	1 247 m ²	
WALLS			
SYMBOL	DESCRIPTION	QTY	DETAIL
W-101	BOULDER WALL		6/LD-01



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1	MT	For Review	SEP 23, 2021

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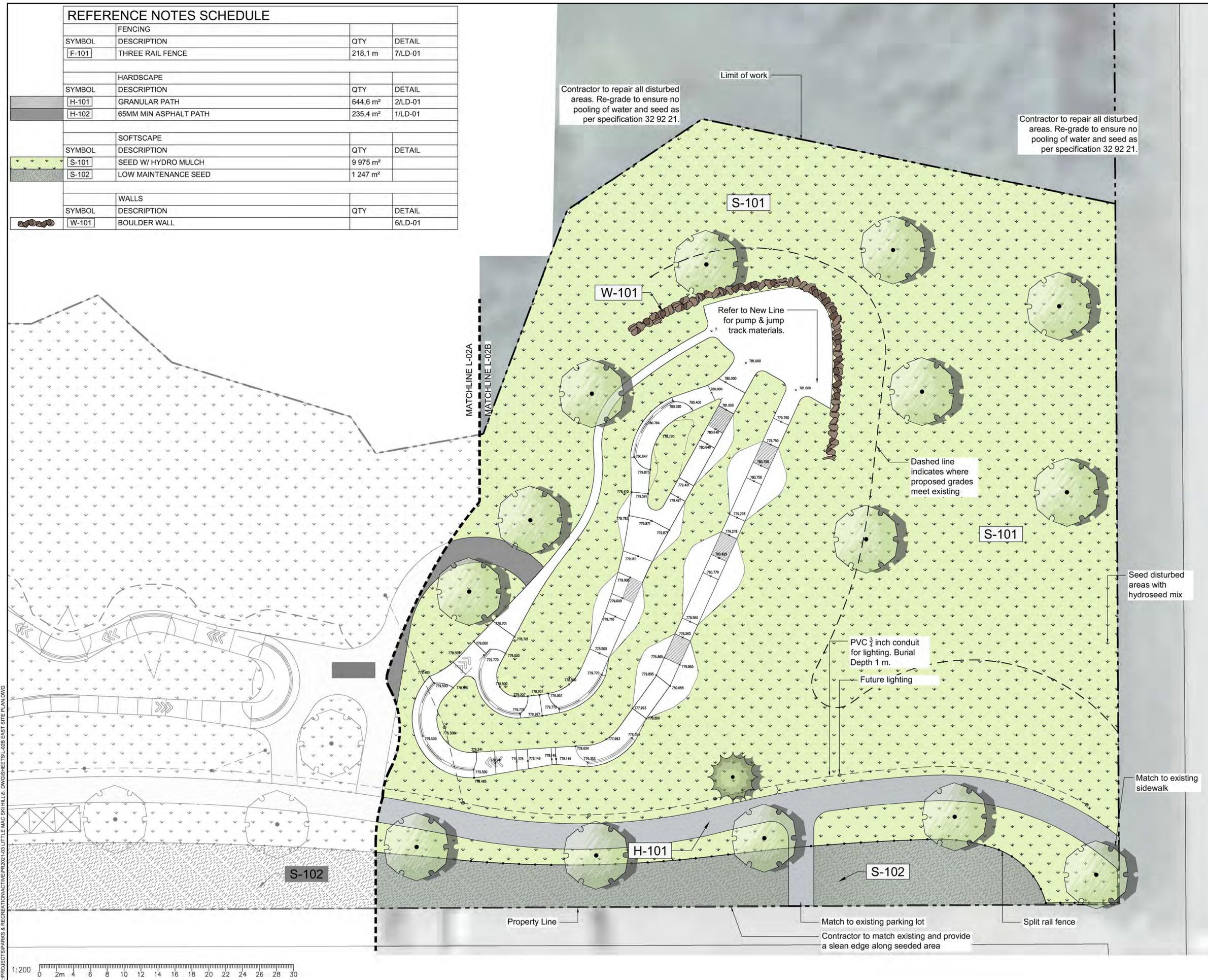
REFERENCE NOTES SCHEDULE

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WALLS			
SYMBOL	DESCRIPTION	QTY	DETAIL
W-101	BOULDER WALL		6/LD-01

Contractor to repair all disturbed areas. Re-grade to ensure no pooling of water and seed as per specification 32 92 21.

Limit of work

Contractor to repair all disturbed areas. Re-grade to ensure no pooling of water and seed as per specification 32 92 21.



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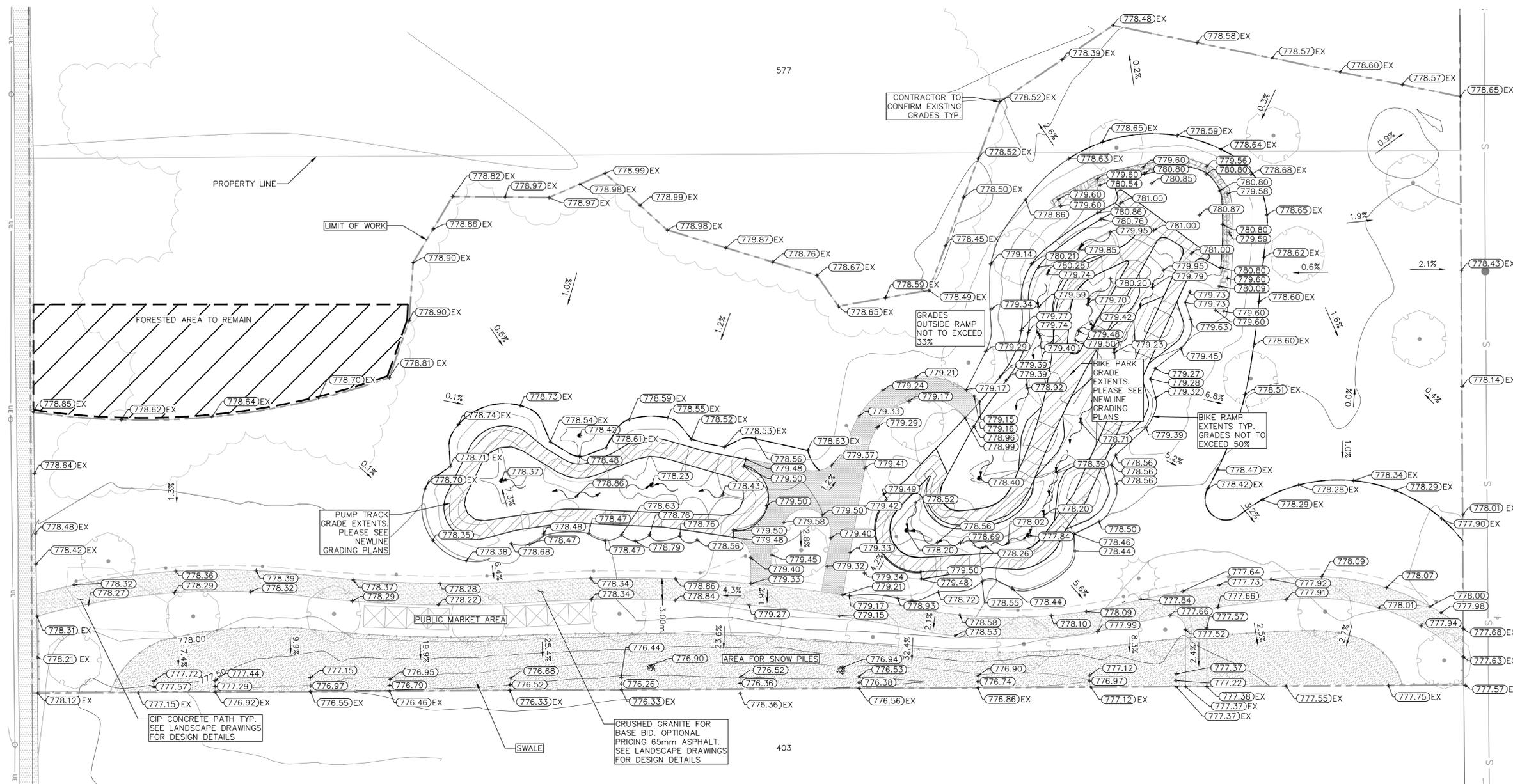
Drawn: MT BF	Stamp:
Checked: DJ	
Approved: DJ	
Scale: 1:200	Original Sheet Size: 24"x36"

Drawing Title: **EAST SITE PLAN**

VDZ Project #: **PR2021-03**

Drawing #: **L-02B**

LEGEND		
EXISTING	PROPOSED	DESCRIPTION
		SANITARY SEWER
		FINISHED GROUND ELEVATION
		EXISTING GROUND ELEVATION
		CURB & GUTTER
		SIDEWALK
		COMMUNICATIONS
		UNDERGROUND ELECTRICAL
		UTILITY POLE
		CONTOUR
		STREETLIGHT
		HYDRANT
		DITCH/WATERCOURSE



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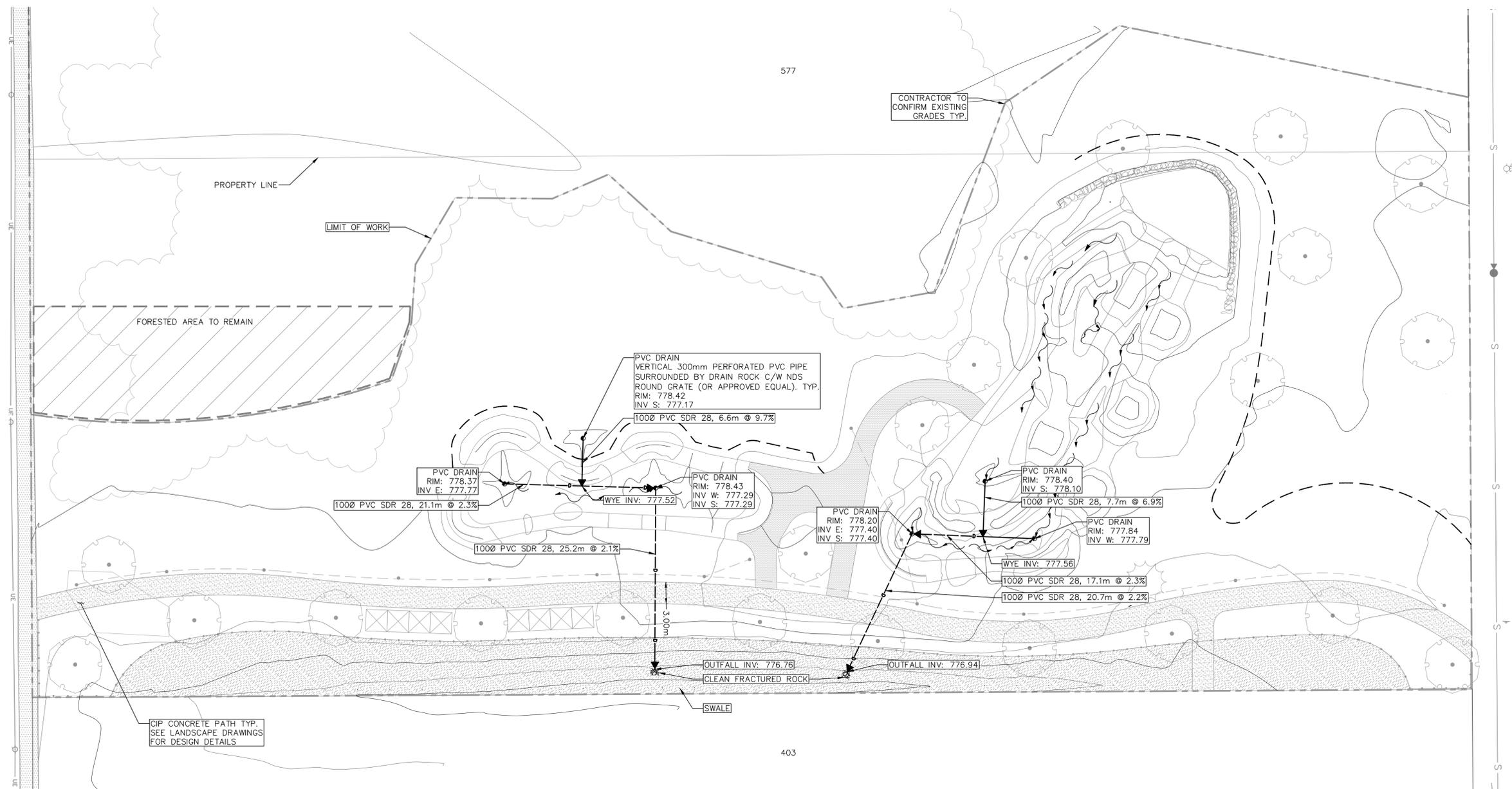
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Drawn: FS	Stamp:
Checked: MT	
Approved: TW	
Scale: 1:300	Original Sheet Size: 24"x36"

CONTRACTOR TO TEST PIT IN ORDER TO CONFIRM ALL LOCATIONS, DEPTHS, AND TYPE OF SERVICE PRIOR TO ORDERING MATERIALS.
 CONTRACTOR TO CONTACT TELUS, BC HYDRO, FORTISBC, AND BC ONE CALL PRIOR TO CONSTRUCTION TO CONFIRM LOCATIONS OF UTILITIES AND APPURTENANCES REQUIRING ADJUSTMENT.



EXISTING	PROPOSED	DESCRIPTION
— S —	— S —	SANITARY SEWER
— (50.00) —	— (50.00) EX —	FINISHED GROUND ELEVATION
— (50.00) EX —	— (50.00) EX —	EXISTING GROUND ELEVATION
—	—	CURB & GUTTER
—	—	SIDEWALK
— T —	— T —	COMMUNICATIONS
— UE —	— UE —	UNDERGROUND ELECTRICAL
—	—	UTILITY POLE
—	—	CONTOUR
—	—	STREETLIGHT
—	—	HYDRANT
—	—	DITCH/WATERCOURSE



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No.	By:	Description	Date
1	FS	Addendum 1	2022-04-18

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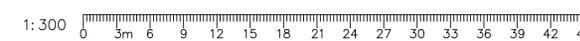
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Rem. LOT 2. PLAN 24200

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Drawing Title:
SERVICING PLAN



VDZ Project #:
PR2021-03

Drawing #:
CV-02

CIVIL CONSTRUCTION NOTES:

1.0 ALL WORK MUST BE IN ACCORDANCE WITH THE MASTER MUNICIPAL CONSTRUCTION DOCUMENT (PLATINUM EDITION)(SPECIFICATIONS), THE NATIONAL BUILDING CODE, B.C. BUILDING CODE (2018), AND TO THE DISTRICT OF MACKENZIE SPECIFICATIONS AND STANDARD DETAIL DRAWINGS.

2.0 THE GENERAL CONTRACTOR SHALL NOTIFY THE PRIMARY PROJECT CONTACT PRIOR TO COMMENCING WORK TO ENSURE THE PROJECT TEAM HAS THE LATEST PLANS AND SPECIFICATIONS ISSUED FOR CONSTRUCTION. THE GENERAL CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ISSUING PLANS AND SPECIFICATIONS TO ASSIGNED SUBCONTRACTORS. CIVIL PLANS PREPARED BY VAN DER ZALM AND ASSOCIATES WILL CONTAIN "ISSUED FOR CONSTRUCTION" WITHIN THE REVISIONS TABLE TO IDENTIFY CONSTRUCTION DRAWINGS.

3.0 THE CONTRACTOR IS CAUTIONED THAT THE UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR AND/OR SUBCONTRACTORS SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK BY CONTACTING BC ONE CALL AND OTHER APPLICABLE METHODS. THE CONTRACTOR AND/OR SUBCONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS OR HER FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES (UNDERGROUND AND OVERHEAD). SUBSURFACE UTILITY INFORMATION HAS NOT BEEN PROVIDED TO CSA STANDARD S250 DETAIL.

4.0 IF THE CONTRACTOR ENCOUNTERS ANY UTILITY LINES WITHIN THE SITE INCLUDING DRAIN TILE OR IRRIGATION LINES, HE OR SHE SHALL NOTIFY THE ENGINEER WITH THE LOCATION, SIZE, INVERT AND DIRECTION OF THOSE UTILITY LINES. NO UTILITY LINE SHALL BE BACKFILLED OR ALTERED WITHOUT REVIEW, DISCUSSION AND WRITTEN APPROVAL FROM THE PRIMARY PROJECT CONTACT. THE CONTRACTOR SHALL BEAR RESPONSIBILITY OF THE RELOCATING ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS AT NO ADDITIONAL PAYMENT BY THE OWNER.

5.0 THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT. THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGES TO THE ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASES OF THIS PROJECT.

6.0 ACTIVITIES PROHIBITED OUTSIDE OF THE CONSTRUCTION BOUNDARIES WOULD INCLUDE, BUT NOT BE LIMITED TO: SOIL AND OTHER MATERIAL STOCKPILING, EQUIPMENT OR MACHINERY STORAGE, DRIVING OF ANY VEHICLE, LEAKAGE OR SPILLAGE OF ANY "WASHOUT" OR OTHER TOXIC MATERIAL.

7.0 ALL RESTRICTED AREAS SHALL BE CLEARLY DELINEATED FROM THE ACTIVE AREA OF WORK. FINAL PLACEMENT OF ALL PROTECTIVE FENCING SHALL BE COMPLETE BEFORE ANY WORK COMMENCES ON-SITE.

8.0 ALL WATER AND SEWER UTILITY WORK WILL CONFORM TO THE BC BUILDING CODE, THE DISTRICT OF MACKENZIE CONSTRUCTION STANDARDS AND THE MMCD. IF THERE IS A CONFLICT BETWEEN APPLICABLE STANDARDS, THE MORE STRINGENT STANDARD WILL GOVERN.

9.0 REPORT ANY DISCREPANCIES TO THE CONSULTING ENGINEER, PRIOR TO CONSTRUCTION.

10.0 PRIOR TO PLACEMENT OF STRUCTURAL SOIL, SUBGRADE OR SOIL DRAINAGE MEDIUM, REFER TO GEOTECHNICAL SOIL RECOMMENDATIONS AND VERIFY PLACEMENT IS ACCEPTABLE TO THE PROJECT GEOTECHNICAL ENGINEER.

11.0 SUBSTITUTIONS OR DEVIATIONS FROM THE CIVIL PROJECT PLANS OR SPECIFICATIONS ARE NOT ALLOWED WITHOUT WRITTEN APPROVAL FROM THE PROJECT ENGINEER.

12.0 OPEN TRENCH OPERATIONS IN EXISTING PAVEMENT SHALL BE VERTICAL AND REPLACED WITH HOT MIX ASPHALT AFTER BACKFILL AND COMPACTION. ALL PAVEMENTS, BOULEVARD, ETC. ARE TO BE RESTORED TO ORIGINAL CONDITION WHERE NO IMPROVEMENTS ARE PROPOSED UNDER THIS CONTRACT.

13.0 THE CONTRACTOR SHALL USE EXTREME CARE WHEN WORKING NEAR EXISTING SERVICES AND ANY SERVICES DISTURBED ARE TO BE REPLACED TO THE SATISFACTION OF THE DISTRICT OF MACKENZIE OR OTHER APPROVING AGENCIES.

14.0 ANY MATERIAL SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER.

15.0 ANY SURVEY MONUMENTS MUST BE PROTECTED AND ANY DAMAGE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

16.0 ALL EXISTING IMPROVEMENTS SHALL BE RESTORED TO THE SATISFACTION OF THE DISTRICT OF MACKENZIE. IN SPECIAL CASES THE CITY INSPECTOR MAY REQUIRE WRITTEN ACCEPTANCE BY THE AFFECTED PROPERTY OWNERS FOR RESTORATION WORKS PERFORMED BY THE CONTRACTOR.

17.0 SEE LANDSCAPE ARCHITECT'S DRAWINGS FOR FEATURE LAYOUTS AND DIMENSIONS.

18.0 CONTRACTOR TO PROVIDE 48 HOURS PRIOR TO CONSTRUCTION WITHIN ROAD ALLOWANCES.

19.0 ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE GEOTECHNICAL REPORT FOR THIS PROJECT.

20.0 CONTRACTOR TO PROVIDE AS-BUILT DRAWINGS UPON COMPLETION OF THE PROJECT.

21.0 AT THE TIME OF PROVIDING SHOP DRAWINGS, THE CONTRACTOR SHALL EXPRESSLY ADVISE THE CONSULTANT IN WRITING OF ANY DEVIATIONS IN A SHOP DRAWING FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. THE CONSULTANT SHALL INDICATE THE ACCEPTANCE OR REJECTION OF SUCH DEVIATION EXPRESSLY IN WRITING.

ROADWORKS NOTES:

1.0 ALL ELEVATIONS AND DIMENSIONS ARE METRIC.

2.0 ALL MANHOLE LIDS, VALVE COVERS, CATCH BASINS AND LIDS OF ANY OTHER STRUCTURE TO BE ADJUSTED TO SUIT FINAL OR PROPOSED ROAD, DRIVEWAY, SIDEWALK, PATHWAY, AND BOULEVARD/LANDSCAPE AREAS.

3.0 GEOTECHNICAL ENGINEER TO APPROVE ALL SUBGRADES PRIOR TO PLACING BASE MATERIALS.

4.0 COMPACTION TESTING, ASPHALT TESTING AND CONCRETE TESTING BY CONTRACTOR.

5.0 FOR FENCE LOCATIONS, SEE LANDSCAPE ARCHITECT PLANS.

6.0 ALL PAVEMENT MARKINGS TO BE INCLUDED IN CONTRACT.

7.0 LOCATIONS OF DRIVEWAYS, WHEELCHAIRS RAMPS, ETC., SHALL BE CONFIRMED IN THE FIELD PRIOR TO CONSTRUCTION OF THE PROPOSED CONCRETE CURB/GUTTER AND SIDEWALK.

8.0 ALL LOOSE, ORGANIC, OTHERWISE DELETERIOUS MATERIALS OR SOFT SPOT(S) ARE TO BE EXCAVATED AND REMOVED FROM THE ROADWAY AND UTILITY TRENCHES IN THE ROADWAY AS PER THE GEOTECHNICAL CONSULTANT'S REPORT OR AS DIRECTED BY THE CITY.

9.0 ALL NEW SURFACES SHALL BE SMOOTHLY TIED INTO EXISTING SURFACES.

10.0 BOULEVARDS ARE TO BE CONSTRUCTED TO THE CURRENT EDITION OF THE MMCD AND DISTRICT OF MACKENZIE.

STORM AND SANITARY NOTES:

1.0 ALL STORM AND SANITARY PIPES LESS THAN OR EQUAL TO 150mm DIAMETER SHALL BE PVC SDR 28 UNLESS OTHERWISE NOTED. ALL STORM AND SANITARY PIPES GREATER THAN 150mm DIAMETER SHALL BE PVC SDR 35 UNLESS OTHERWISE NOTED. REFER TO PLANS, DETAILS, AND SPECIFICATIONS REGARDING SEWER FITTINGS AND APPURTENANCES. CONTACT THE PRIMARY PROJECT CONTACT REGARDING USE OF SUITABLE MAIN FITTINGS IF NOT SPECIFIED IN PLAN, DETAILS, OR SPECIFICATIONS. MINIMUM COVER SHALL BE 1.0m FOR ANY SANITARY MAIN OR SERVICE. ADDITIONAL PIPE PROTECTION WILL BE REQUIRED IF MINIMUM COVER IS NOT FEASIBLE.

2.0 ALL MANHOLE BARRELS SHALL BE 1050mm DIAMETER UNLESS OTHERWISE NOTED.

3.0 ALL WYES TO BE MANUFACTURED.

4.0 EXISTING INVERTS MUST BE VERIFIED IN THE FIELD BY CONTRACTOR PRIOR TO ORDERING MATERIALS.

5.0 ALL CBs IN ASPHALT AND PARKING AREAS TO BE 600mm DIAMETER AND SHALL BE CONSTRUCTED WITH DONUT FRAME AND GRATE TO SUPPORT H-20 LIVE ROAD REQUIREMENTS AS APPROVED BY THE ENGINEER.

6.0 STORM AND SANITARY CONNECTIONS ARE TO TERMINATE 1m FROM BUILDINGS AND HAVE 1m OF COVER. SEE MECHANICAL ENGINEER'S DRAWINGS FOR CONFIRMATION OF LOCATION, DESIGN AND REQUIREMENT OF INSPECTION CHAMBERS OR STORM SUMPS ARE THE RESPONSIBILITY OF THE MECHANICAL ENGINEER.

6.0 ALL MANHOLE AND CATCH BASIN LIDS SHOWN ON CONTRACT DRAWINGS ARE TO FINISHED GRADE ELEVATIONS.

7.0 ELEVATION OF MANHOLE LID AND CATCH BASIN ON PAVEMENT TO BE SET TO TOP OF BASE COURSE ELEVATION, WHEN THE FINAL LIFT IS LAID (AT A LATER DATE) THE MANHOLE LID AND CATCH BASE GRATE ARE TO BE RAISED TO FINISH GRADE AT THE DEVELOPER'S COST.

8.0 ALL GRANULAR PIPE BEDDING SHALL BE EITHER TYPE 1 OR TYPE 2 ONLY AS PER MMCD UNLESS SUPERCEDED BY MUNICIPAL REQUIREMENTS.

9.0 ALL MANHOLE AND CATCH BASIN LIDS SHOWN ON CONTRACT DRAWINGS ARE TO FINISHED GRADE ELEVATIONS.

10.0 ALL CATCH BASIN/LAWN BASIN LEADS TO BE 150mm IN DIAMETER AT 1.0% SLOPE MIN UNLESS OTHERWISE NOTED. DOUBLE CATCH BASIN LEADS TO BE 200mm IN DIAMETER.

11.0 OFFSET OF ALL INSPECTION CHAMBERS (I.C.) TO BE IN ACCORDANCE WITH THE CURRENT DISTRICT OF MACKENZIE SUPPLEMENTARY SPECIFICATIONS, MMCD, AND CITY DETAIL DRAWINGS.

12.0 CONNECT ALL EXISTING PIPES UP TO 150mm DIAMETER WITH TYPE1 I.C. IN BOULEVARDS AND TYPE 2 I.C. IN DRIVEWAYS. TOP ELEVATIONS OF ALL TYPE 1 AND TYPE 2 I.C.'S ARE TO BE PLACED IN CONFORMANCE WITH THE DISTRICT OF MACKENZIE SUPPLEMENTARY SPECIFICATIONS AND DETAIL DRAWINGS.

13.0 ALL EXISTING I.C.'S ARE TO BE FLUSHED TO ENSURE PROPER WORKING ORDER AND REPLACED IF NECESSARY.

14.0 MARK ALL CAPPED STUB ENDS WITH STAKE IN ACCORDANCE WITH MMCD.

15.0 ALL GAS AND WATER CONNECTIONS CROSSINGS UNDER DITCHES ARE TO BE RAISED OVER STORM SEWER BEFORE BACKFILLING OF TRENCH AT DEVELOPER'S COST.

16.0 FLOW ARROWS SHOWN ON PLAN PROVIDE DIRECTION OF FLOW DOWNHILL.

17.0 STORM SEWERS SHALL BE VIDEO INSPECTED AS PER MMCD SPECIFICATIONS AT THE CONTRACTORS EXPENSE.

TESTING:

1.0 ALL TESTING TO BE PERFORMED BY A CSA OR CCIL (CANADIAN CERTIFIED TESTING LABORATORY).

2.0 FREQUENCY OF DENSITY TESTS FOR EXCAVATING, TRENCHING, AND BACKFILLING SHALL BE ONE TEST PER 50 LINEAL METERS OR TRENCH PER METER DEPTH. MATERIAL TO BE COMPACTED IN 300mm LIFTS.

3.0 FREQUENCY OF DENSITY TEST FOR ROADWAY/GENERAL EXCAVATION, EMBANKMENT, (SUBGRADE FILL) AND COMPACTION SHALL BE ONE TEST PER 250m² PER 300mm LIFT.

4.0 FREQUENCY OF DENSITY TEST FOR GRANULAR BASE AND SUB-BASE SHALL BE ONE TEST FOR 30 LINEAL METERS OF LANE WIDTH STAGGERED EACH SIDE OF CENTRELINE PER 150mm LIFT OR SPECIFIED THICKNESS.

5.0 FREQUENCY OF DENSITY TESTS FOR SIDEWALK BASE SHALL BE ONE TEST PER 30 LINEAL METERS WITHIN SIDEWALK AND DRIVEWAY AREA.

6.0 FREQUENCY OF DENSITY TESTS FOR CURB BASE SHALL BE ONE TEST PER 100 LINEAL METERS.

7.0 FREQUENCY OF MARSHALL TEST FOR HOT-MIX ASPHALT CONCRETE PAVING SHALL BE ONE TEST PER 500 TONNES OF MIX PLACED OR ONE TEST FOR EACH TYPE OF ASPHALT MIX, MIN ONE PER DAY.

8.0 FOR STREET PAVING, CORE LOCATIONS WILL BE SELECTED FOR EACH PASS OF THE PAVING MACHINE AS FOLLOWS:
 8.1 ACROSS THE WIDTH, CORE LOCATIONS WILL BE SELECTED RANDOMLY FROM ONE-SIXTH INCREMENTS.
 8.2 ALONG THE LENGTH, CORE LOCATIONS WILL HAVE A RANDOMLY SELECTED START WITH CORES AT A SPACING OF APPROXIMATELY, BUT NOT TO EXCEED 30 METERS.
 8.3 FOR OTHER PAVING OPERATIONS A MINIMUM OF ONE CORE FOR EVERY 250 SQUARE METERS OF ASPHALT MIX PLACED.

9.0 FREQUENCY OF PLASTIC CONCRETE TEST FOR SIDEWALK SHALL BE ONE TEST PER 150 LINEAL METERS OR A MINIMUM OF ONE PER DAY.

10.0 FREQUENCY OF PLASTIC CONCRETE TEST FOR CURB AND GUTTER SHALL BE ONE TEST PER 150 LINEAL METERS OR A MINIMUM OF ONE PER DAY.

11.0 THE CONTRACTOR IS RESPONSIBLE FOR ALL TESTING.

No.	By:	Description	Date
4	MT	Reissued for Tender	2022-05-25
3	MT	Issued for Tender	2022-04-04
2	MT	Issued for 90%	2022-03-07
1	MT	Issued for 50%	2022-01-16

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No.	By:	Description	Date

REVISIONS TABLE FOR SHEET

Project:
Mackenzie Bike Park

Location:
Lot 1 Plan PGP17067 District Lot 12463 Land District 05 Except Plan PGP18664
Rem. LOT 2. PLAN 24200

Lot 2 Plan PGP24200 District Lot 12463 Land District 05 Except Plan 27125 EX PL 27125

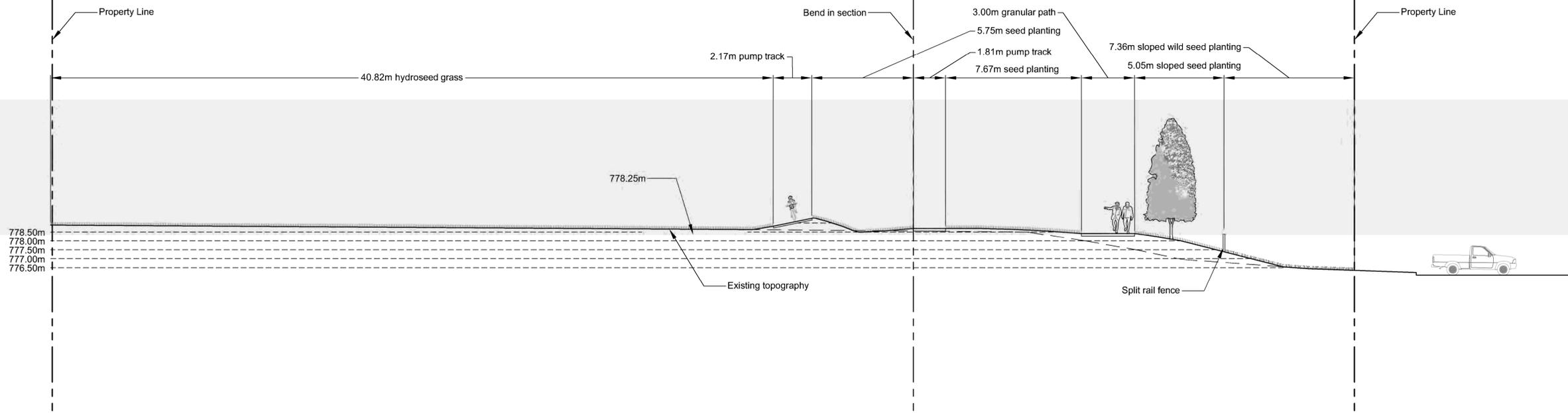
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Approved: TW	Original Sheet Size: 24"x36"
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Drawing Title:
CIVIL NOTES

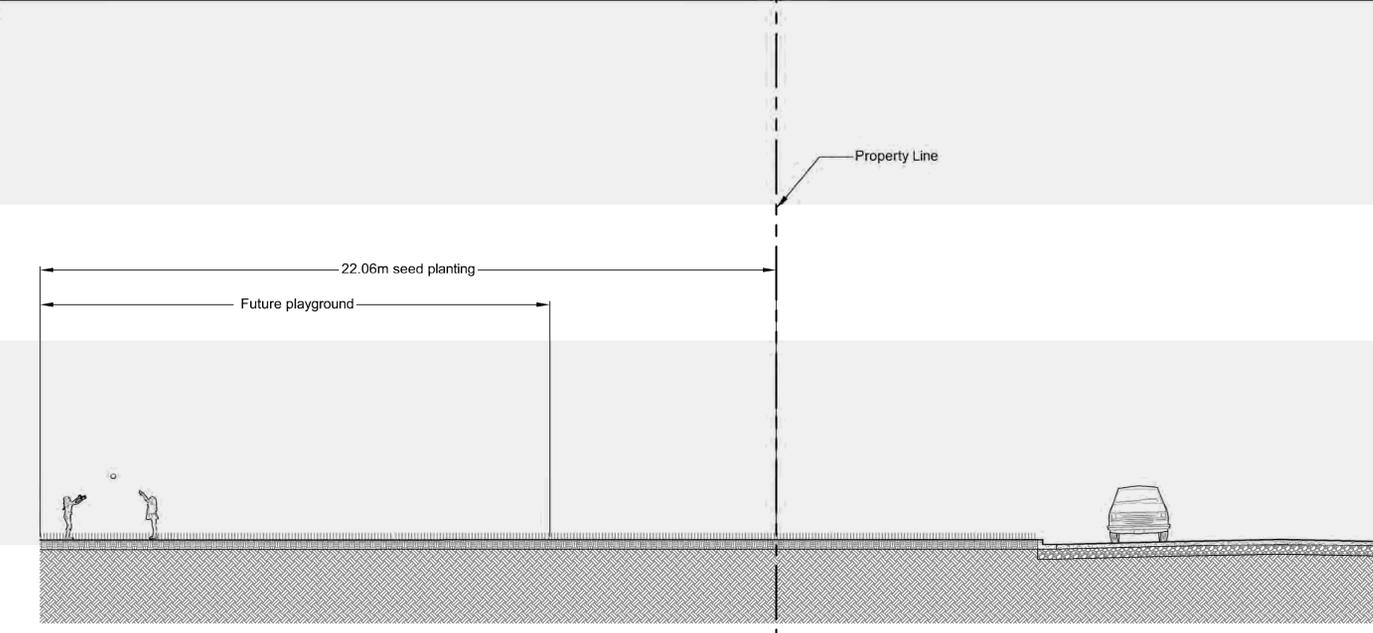


VDZ Project #:
PR2021-03

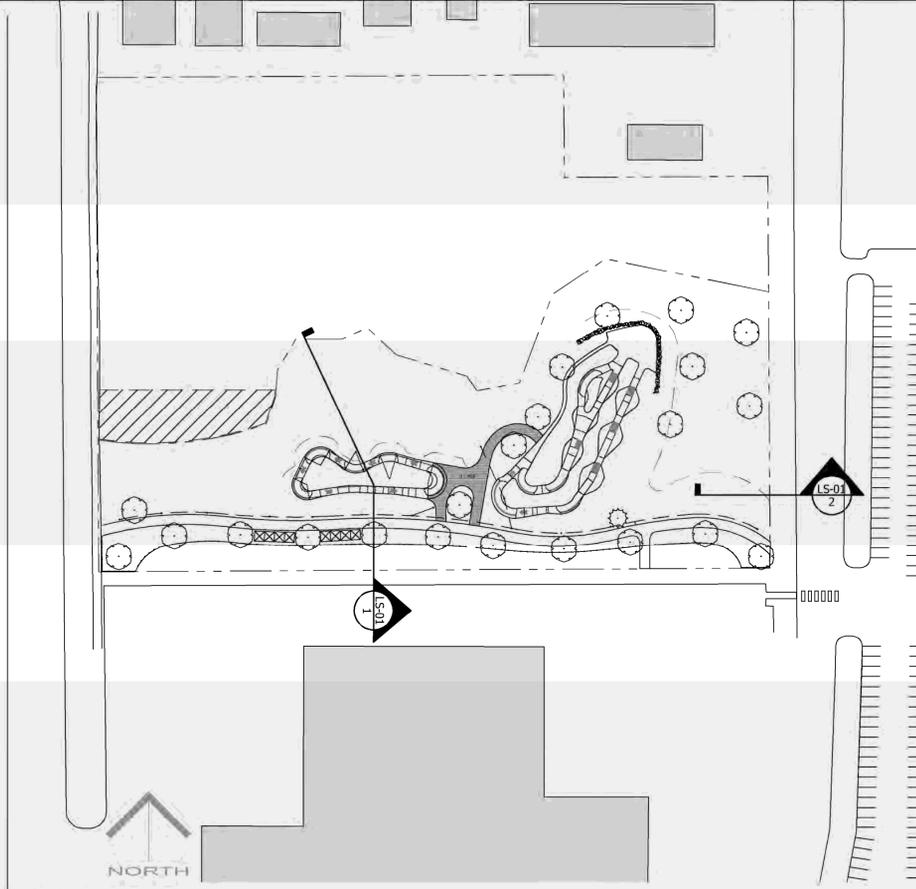
Drawing #:
CN-01



1 SECTION 1: THROUGH BERMED GRASS BANK AND PUMP TRACK
 Scale 1:125



2 SECTION 2: EAST-WEST THROUGH SKEENA DRIVE
 Scale 1:100



3 KEY PLAN
 Scale 1:1000

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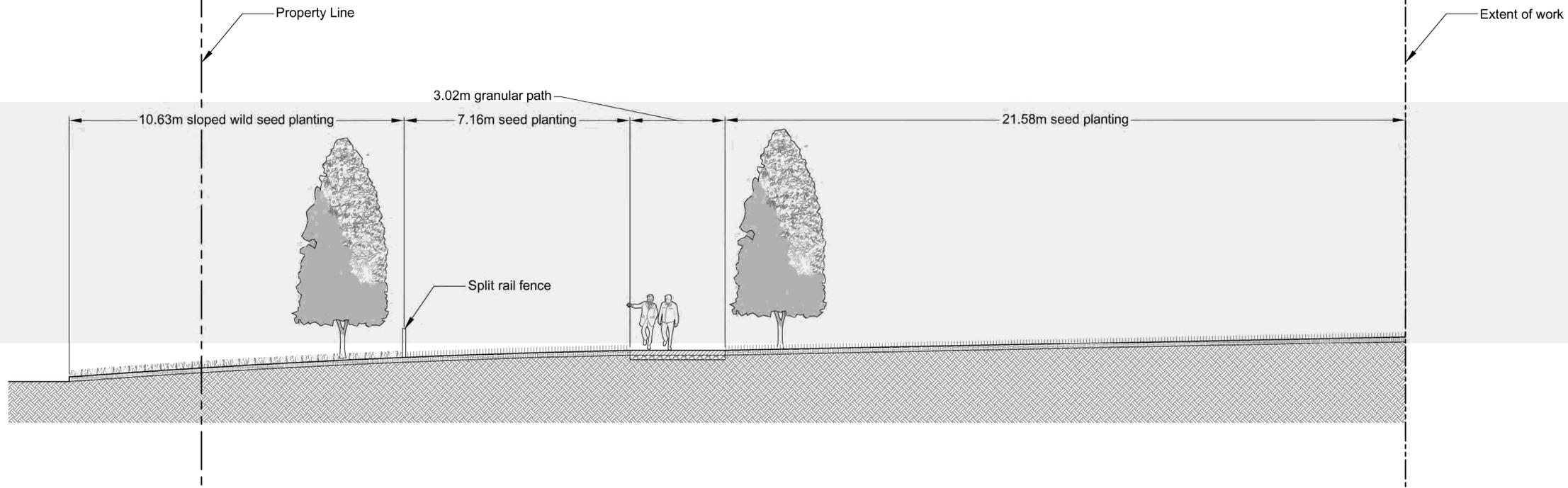
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 PGP18664
 Rem. LOT 2. PLAN 24200
 Lot 2 Plan PGP24200 District Lot
 12463 Land District 05 Except Plan
 27125 EX PL 27125

Drawn: MT BF	Stamp:
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Approved: DJ	Original Sheet Size: 24"x36"
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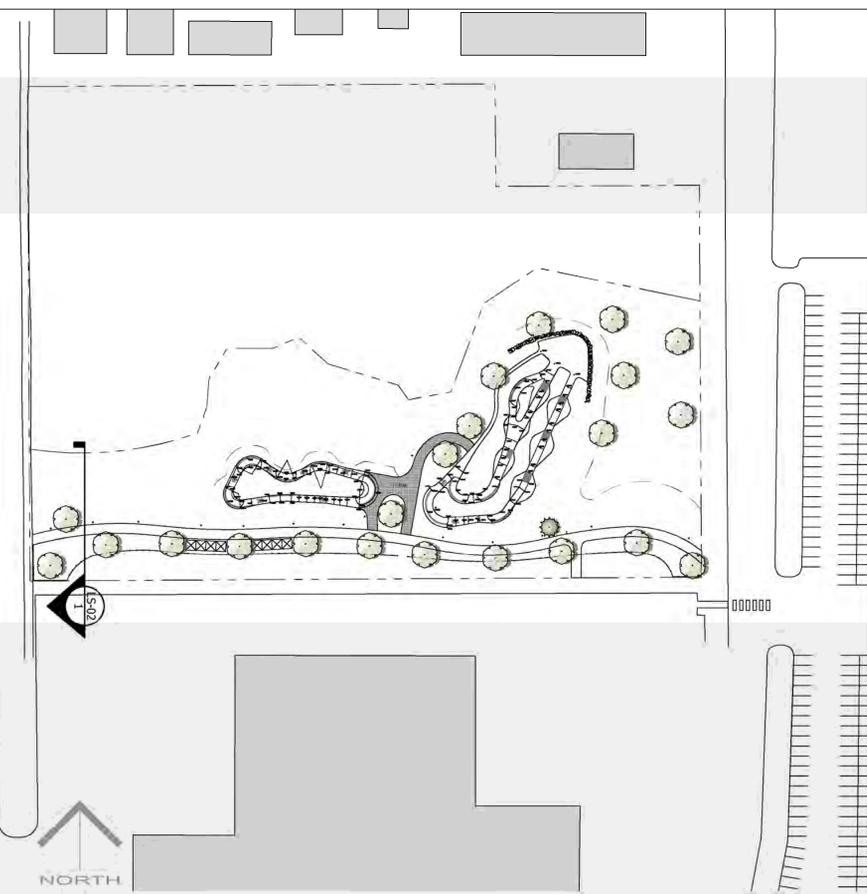
Drawing Title:
SECTION

VDZ Project #:
PR2021-03

Drawing #:
LS-01



1 SECTION 1: NORTH-SOUTH THROUGH WEST ENTRY
 Scale 1:75



2 KEY PLAN
 Scale 1:1000

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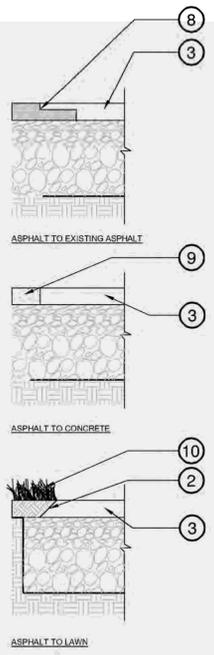
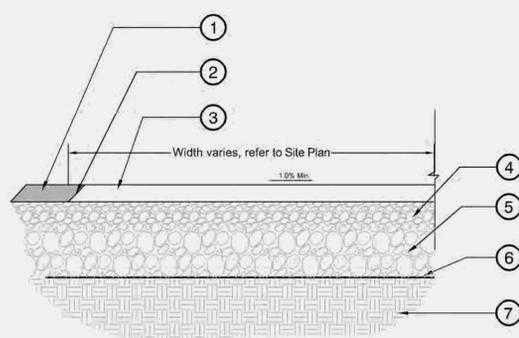
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Drawing Title:
SECTION

VDZ Project #:
PR2021-03

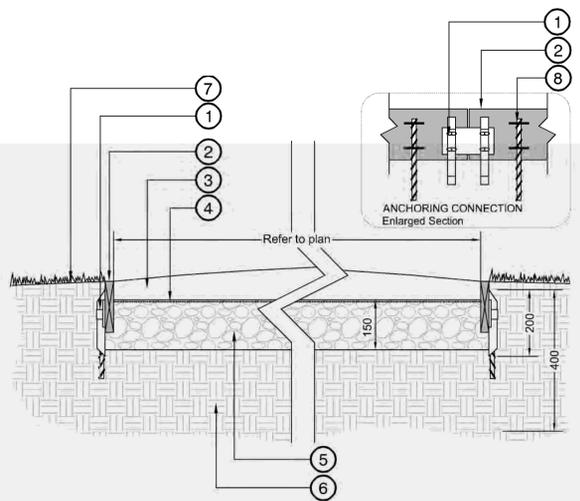
Drawing #:
LS-02

- 1 Adjacent surface. Refer to Site Plan
- 2 45 degree beveled and hand tamped asphalt edge. Top of beveled edge not to vary more than 20mm along straightedge (typical both sides of pathway)
- 3 85mm min. upper Asphalt course #1 (MMCD). Install as per specifications
- 4 Base course under asphalt to be 150mm min. 20mm minus gravel compacted to 95% M.P.D., typ. Refer to Geotechnical Report.
- 5 Select Granular Subbase to be 300mm, 75mm minus compacted to 95% M.P.D., typ. Refer to Geotechnical Report.
- 6 Extend polyethylene / non-woven fabric weed barrier 200mm beyond asphalt edge, typ.
- 7 Subgrade compacted (95% M.P.D.), typ.
- 8 Cut and match existing asphalt. Ensure new asphalt is flush with existing asphalt.
- 9 Concrete, paving as per specifications. Ensure surfaces meet flush
- 10 Lawn, as per specification



Note:
 1. Excavate all organics to a minimum of 150mm to sub-grade prior to placement of weed barrier and base course.
 2. Where asphalt path is constructed over utility services such as sewer, storm or water trails, path must be constructed to highway loading standard as per MMCD guidelines.
 3. Contractor to ensure constant radial curves along pathway.

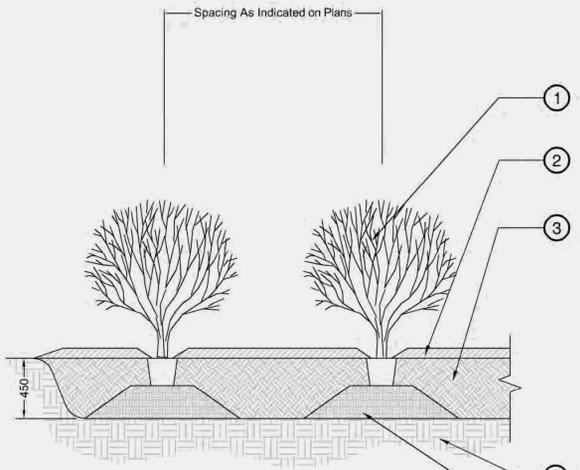
1 ASPHALT PATH TYPICAL - MAIN PARK PATH ONLY
 1:20



- 1 Anchoring spike (min 200mm long) every 1000mm O.C. attached to Perma-Deck edge (or approved equal) with galvanized connector edge plate (with oblong nail holes for expansion and vertical spike holder) 100mm long galvanized nails.
- 2 Perma-Deck edge (or approved equal).
- 3 100mm crushed granite (9mm minus). Material to be crowned, wetted and rolled. Contractor to confirm no potholes.
- 4 Non-woven landscape fabric.
- 5 Select Granular Subbase to be 150mm, 75mm minus compacted to 95% M.P.D., typ. Refer to Geotechnical Report.
- 6 Existing subgrade compacted to 95% MPD.
- 7 Slope away from path.
- 8 #4 Rebar stakes with galvanized heavy duty staples min 400mm long and staked at 1m spacing.

NOTES:
 - Contractor to provide 1L sample of crushed granite material for approval by Landscape Architect prior to installation.
 - Ensure top of edge board meets flush with crushed granite.
 - Minimum 2% cross slope to path.
 - Leave 15mm gap between boards at time of installation.

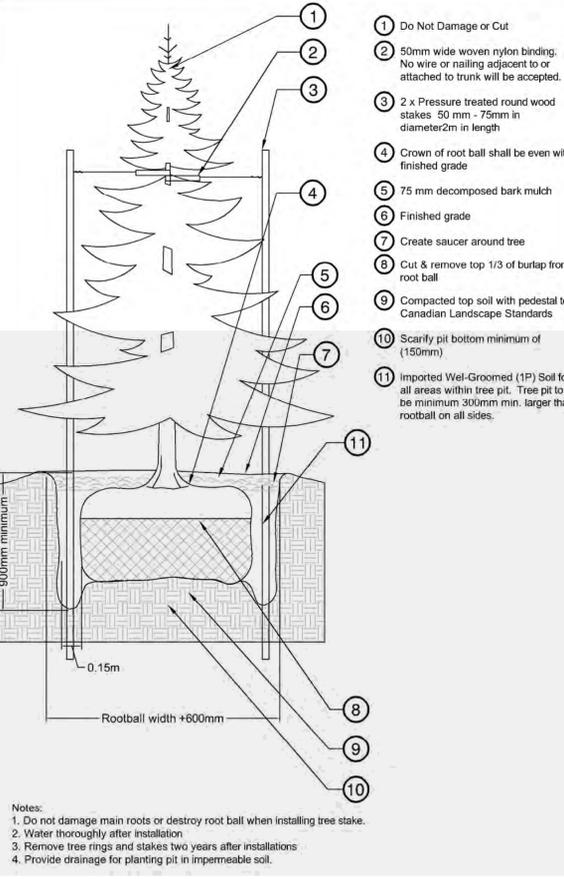
2 CRUSHED GRANITE PATH
 1:10



- 1 Prune plant to remove dead or broken branches
- 2 Decomposed Bark Mulch - 75mm min.
- 3 450mm deep Gently Compacted Topsoil Mixture to Canadian Landscape Standard: 1P "Well Groomed" soil
- 4 Compacted Sub Base
- 5 Compacted soil imported pedestal

NOTES:
 1. Remove all string, twine, pots, tags from plant.
 2. All soil, mulch and plant material to meet latest Canadian Landscape Standard.
 3. Topsoil saucers diameter to be 1.5X diameter of plant container.
 4. Planting all bed edges to be set back from edge the O.C. spacing on plan.
 5. All bed edges to have clean, cultivated edge.

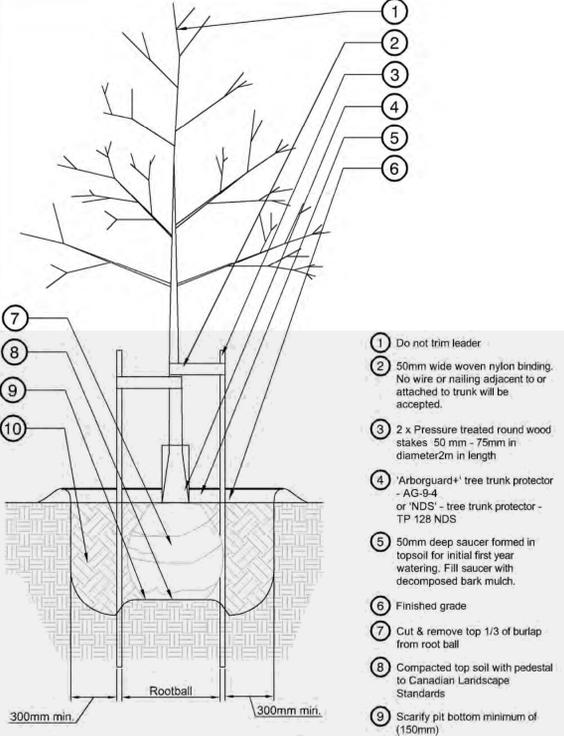
3 SHRUB PLANTING
 1:25



- 1 Do Not Damage or Cut
- 2 50mm wide woven nylon binding. No wire or nailing adjacent to or attached to trunk will be accepted.
- 3 2 x Pressure treated round wood stakes 50 mm - 75mm in diameter 2m in length
- 4 Crown of root ball shall be even with finished grade
- 5 75 mm decomposed bark mulch
- 6 Finished grade
- 7 Create saucer around tree
- 8 Cut & remove top 1/3 of burlap from root ball
- 9 Compacted top soil with pedestal to Canadian Landscape Standards
- 10 Scarify pit bottom minimum of (150mm)
- 11 Imported Well-Groomed (1P) Soil for all areas within tree pit. Tree pit to be minimum 300mm min. larger than rootball on all sides.

Notes:
 1. Do not damage main roots or destroy root ball when installing tree stake.
 2. Water thoroughly after installation.
 3. Remove tree rings and stakes two years after installations.
 4. Provide drainage for planting pit in impermeable soil.

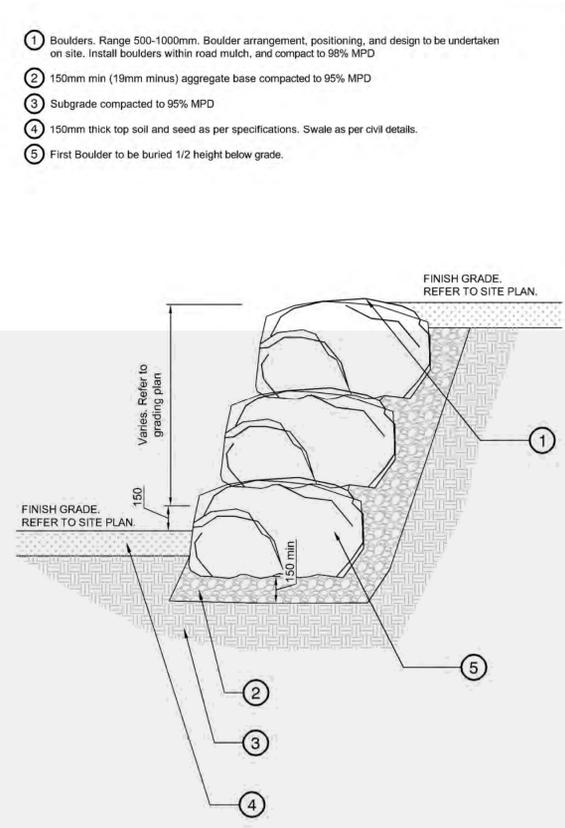
4 TREE PLANTING - CONIFEROUS TREE
 1:25



- 1 Do not trim leader
- 2 50mm wide woven nylon binding. No wire or nailing adjacent to or attached to trunk will be accepted.
- 3 2 x Pressure treated round wood stakes 50 mm - 75mm in diameter 2m in length
- 4 'Arborguard' tree trunk protector - AG-9-4 or 'NDS' - tree trunk protector - TP 128 NDS
- 5 50mm deep saucer formed in topsoil for initial first year watering. Fill saucer with decomposed bark mulch.
- 6 Finished grade
- 7 Cut & remove top 1/3 of burlap from root ball
- 8 Compacted top soil with pedestal to Canadian Landscape Standards
- 9 Scarify pit bottom minimum of (150mm)
- 10 Imported Well-Groomed (1P) Soil for all areas within tree pit.

Notes:
 1. Do not damage main roots or destroy root ball when installing tree stake.
 2. Water thoroughly after installation.
 3. Remove tree rings and stakes two years after installations.
 4. Provide drainage for planting pit in impermeable soil.

5 TREE PLANTING - DECIDUOUS TREE
 1:25



- 1 Boulders. Range 500-1000mm. Boulder arrangement, positioning, and design to be undertaken on site. Install boulders within road mulch, and compact to 98% MPD
- 2 150mm min (19mm minus) aggregate base compacted to 95% MPD
- 3 Subgrade compacted to 95% MPD
- 4 150mm thick top soil and seed as per specifications. Swale as per civil details.
- 5 First Boulder to be buried 1/2 height below grade.

6 BOULDER WALL
 1:20



Notes:
 1. 8" cedar logs, split and stacked 5 logs high.
 2. Secured with galvanized steel spikes.
 3. Fencing to be staked into ground at each intersection.

7 SPLIT RAIL FENCE
 1:25

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Drawing Title:
DETAILS

VDZ Project #:
PR2021-03

Drawing #:
LD-01

Z:\PROJECTS\PARKS & RECREATION\ACTIVE\PR2021-03\LITTLE MAC SKI HILLS\DWGSHEETS\LN-01 LANDSCAPE NOTES.DWG

PROJECT CONTACT:

1.1 Inquiries regarding landscape drawings should be addressed to the person(s) identified in the contact information on the cover page.

PROJECT COORDINATION:

2.1 The contractor(s) responsible for completing the landscape scope of work shall conform to the reference standards, submittals process, coordination standards, specifications, and works as defined under the "General Scope" of the master specification (complete).

OVERALL PROJECT NOTES:

- 3.1 Any significant revisions to these drawings must be approved by the project landscape architect.
3.2 Existing underground utilities are to be located via BC one call prior to any work commencing.
3.3 The contractor is responsible for any damage to all retained structures and landscape during construction.
3.4 If construction is required in or near a water course contractor to refer to environmental report for landscape installation instructions.
3.5 Legal survey posts, monuments, stakes, and integrated survey monuments are to be replaced if destroyed or damaged during construction.
3.6 If construction is commencing during the nesting period contractor to notify landscape architect prior to the removal of any existing vegetation.

DRAWINGS AND SPECIFICATIONS:

- 4.1 Contractor to refer to the following specifications and standards as they relate to the drawings and specifications.
4.2 The contractor, sub-contractor, and coordinating trades/suppliers responsible for completing the landscape scope of work is responsible for reviewing the master specifications for the project in conjunction with all consultant drawings, inclusive of landscape.
4.3 Should any drawing or detail conflict with the master specification file the contractor must immediately notify the design team for coordination prior to order, preparation or installation of said conflicting works (typ).
4.4 The contractor(s) responsible for completing servicing, hard and soft landscape works are responsible for providing the landscape architect with a complete "project record copy" of mark-ups or changes to works defined in the Landscape Drawings.
4.5 Reference specifications listed in each section are just for contractor's reference all work to be completed in accordance with the entirety of the MMCD, latest edition.
4.6 Contractor to complete plans as shown on drawings. All quantities provided are for reference only.

ASPHALT - PATHWAYS AND PLAZAS ONLY

- 8.1 This section covers all asphalt areas as shown on the landscape drawings.
8.2 Reference Specifications:
Section 32 12 13.1 Asphalt Talk Coat
Section 32 12 13.2 Asphalt Prime
Section 32 12 16 Hot-Mix Asphalt Concrete Paving
Section 32 17 23 Painted Pavement Markings
8.3 Asphalt to be tested as per the following:
8.4 Submit hot mix asphalt design and trial mix test results to the Owner's Representative for review at least one week (7 days) prior to commencement of work.
8.5 Do not install hot-mix asphalt concrete pavement, base, or subbase during heavy rain or snowfall, cool temperatures or other unsuitable conditions as determined by landscape architect.

- subbase surface should be dry and stable. Air temperature must be at least 5 degrees Celsius to place asphalt mixtures.
8.6 Lower Course: Machine place to specified compacted thickness (maximum lifts of 50mm after compaction) over compacted and graded aggregate base.
8.7 Upper Course: Machine place to minimum specified compacted thickness (maximum lift of 38mm after compaction) over compacted lower course.
8.8 When asphalt concrete meets site fixtures, furnishings, concrete walls, walks or other flare the asphalt upwards around the base of fixture to ensure water drains away from the fixture and is in compliance with the overall grading and drainage plans for the Project.
8.9 Along building walls, curbs, gutters, headwalls, manholes and similar locations not accessible to a roller, thorough compaction shall be obtained by means of hot hand or smaller mechanical tampers before the mixture has set.
8.10 For sports courts contractor to place lower course asphalt and top with a 'sandy bin' or 'tennis court' course as a top mix.
8.11 For sports courts contractor to confirm line type and colour for linemarking.
8.12 For stamped asphalt contractor to install stamp as per manufacturer's specification.

CRUSHED GRANITE AND AGGREGATE HARDSCAPES :

- 9.1 This section refers to all loose material pathways, plazas, and trails.
9.2 Contractor to provide 1 litre sample for all surface aggregates prior to installation.
9.3 Crushed Granular Paving: shall consist of sound, durable stone particles free from clay, organic material or other deleterious matter as per ASTM C 136.
9.4 Crushed granite 9mm minus stone:
9.5 All loose material pathways to receive 1"x 4" recycled plastic edger staked with 300mm spikes at 600mm O.C. unless otherwise specified on drawings.
9.6 All loose material pathways on slab to be placed over landscape fabric.
9.7 Compact loose material using drum roller. Do not compact with vibratory equipment.

Table with 2 columns: Sieve Size (mm) and Percent Passing by Weight. Rows include 9.0, 4.75, 2.36, and 1.18.



Table with 4 columns: No., By, Description, Date. Contains revision history for drawings.

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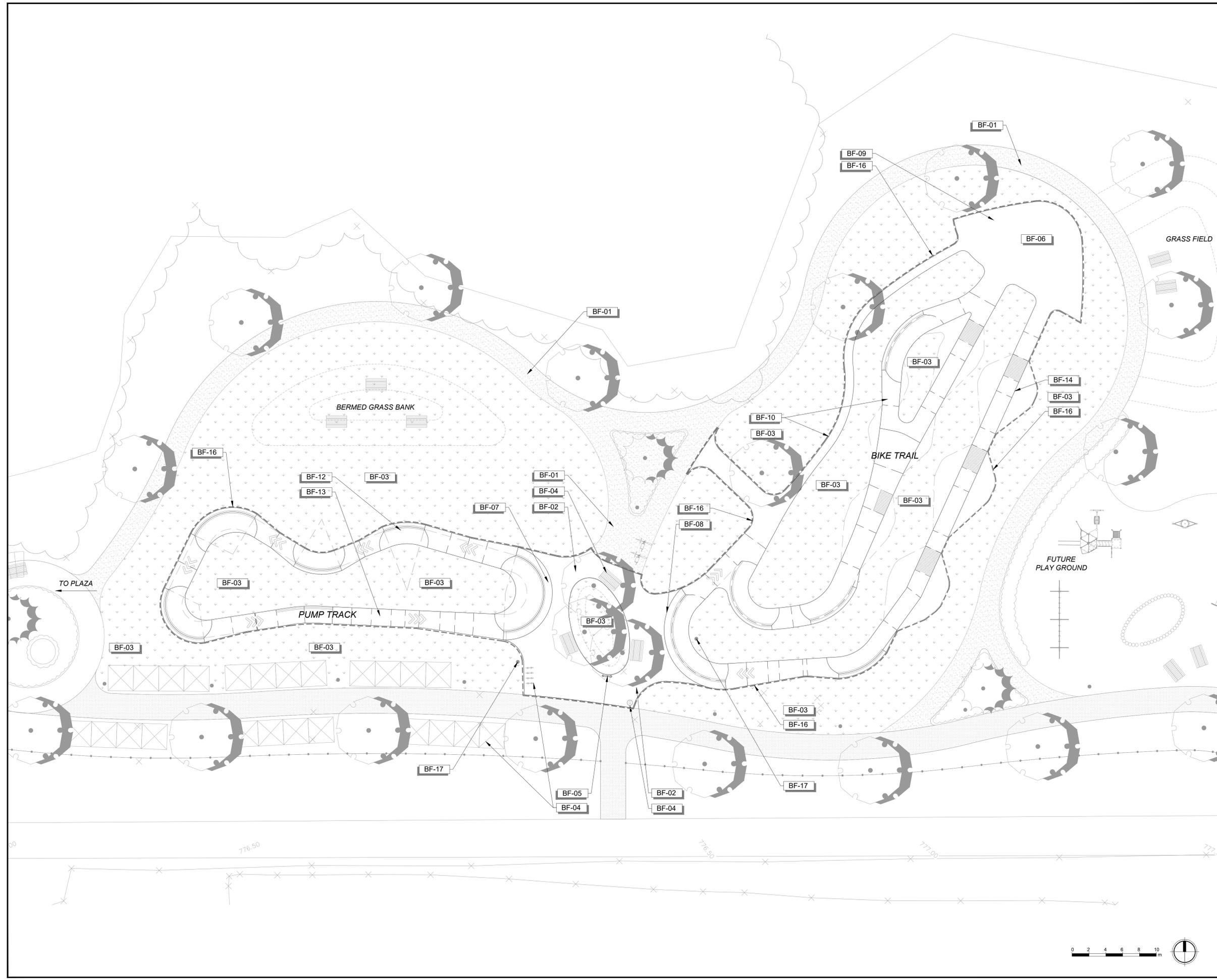
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Vertical text on the right side: Drawing Title: LANDSCAPE SPECIFICATIONS - GENERAL/HARDSCAPE, Drawing #: LN-01, Vdz Project #: PR2021-03

ALL DIMENSIONS, IF ANY, IN MILLIMETRES
 SECTIONS / PROFILES ON BP-01 THRU BP-06
 DETAILS ON BD-01 THRU BD-02

BIKE PARK FEATURE LEGEND

- BF-01** CONCRETE PAVING PER LANDSCAPE PLANS
- BF-02** ASPHALT PAVING PER LANDSCAPE PLANS
- BF-03** PLANTING AREA FINISH GRADE, IRRIGATION AND PLANTING PER LANDSCAPE PLANS
- BF-04** SITE FURNITURE PER LANDSCAPE PLANS
- BF-05** RULES AND REGULATION SIGN BY OTHERS
- BF-06** STAGING AREA
- BF-07** PUMP TRACK ENTRY
- BF-08** TYPICAL ASPHALT BERM AT BIKE TRAIL
- BF-09** ASPHALT SURFACING AT BIKE PARK ENTRY
- BF-10** SOIL MIX SURFACING AT TRAIL
- BF-11** DIRECTIONAL MARKER AT PUMP TRACK
- BF-12** TYPICAL PUMP TRACK BERM
- BF-13** TYPICAL PUMP TRACK ROLLER
- BF-14** TYPICAL TRAIL WOOD LIP
- BF-15** ASPHALT SURFACING AT TRAIL LANDINGS
- BF-16** BIKE PARK SPECIALTY CONTRACTOR LIMIT OF WORK. NOTE: BIKE PARK SPECIALTY CONTRACTOR SCOPE OF WORK TO EXCLUDE PLANTING AND IRRIGATION AT PLANTING AREAS, AND RULES & REGULATIONS SIGN AND SITE FURNITURE FABRICATION AND INSTALLATION.
- BF-17** LIGHT POLE BY OTHERS



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Drawing Title: BIKE PARK FEATURE PLAN

VDZ Project #: PR2021-03

Drawing #: B-02

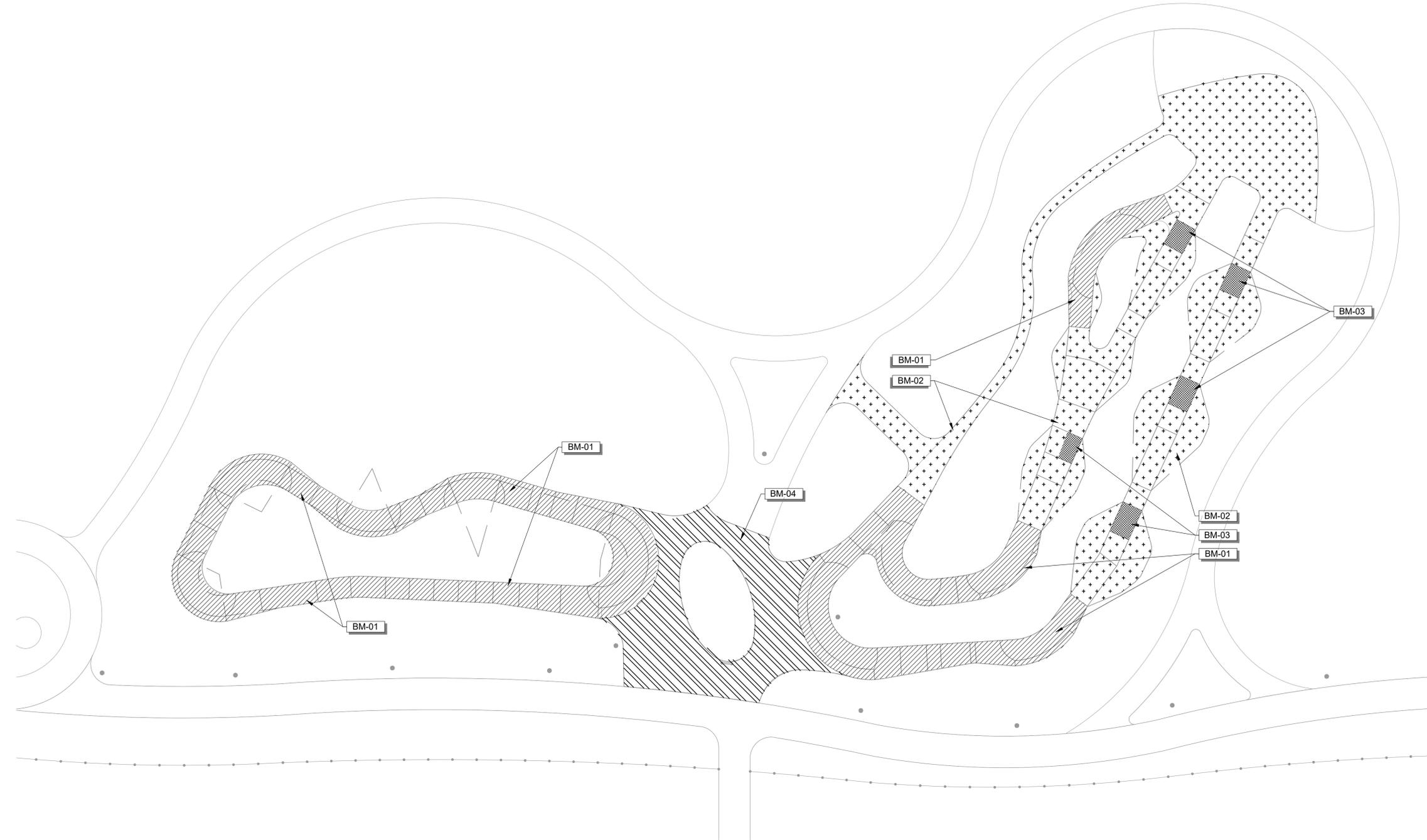
ALL DIMENSIONS, IF ANY, IN MILLIMETRES
 SECTIONS / PROFILES ON BP-01 THRU BP-06
 DETAILS ON BD-01 THRU BD-02

BIKE PARK MATERIALS LEGEND

BM-01		6" THK. TRACK / TRAIL SPECIALTY ASPHALT SURFACE, SEE 1/BD-01
BM-02		6" THK. TRAIL SOIL MIX SURFACE, SEE DETAIL 5/BD-01
BM-03		WOOD LIP, SEE DETAIL 1/BD-02
BM-04		ASPHALT PAVING PER LANDSCAPE DETAILS

MATERIAL NOTES

- CONTRACTOR TO SUBMIT INSTALLATION SCHEDULE TO BIKE PARK DESIGNER FOR REVIEW AND APPROVAL.
- CONTRACTOR TO SUBMIT PROPOSED START AND STOP FORM LOCATIONS FOR ALL WORK SHOWN FOR REVIEW AND APPROVAL BY BIKE PARK DESIGNER.
- CONTRACTOR TO BUILD ALL TEMPLATES AND FORMS WITH TRUE ARCS AND TANGENTS MATCHING SECTIONS AND PROFILE DIMENSIONS. FINISH WORK NOT MEETING TOLERANCES WILL BE REJECTED.



No.	By:	Description	Date
3	MT	Issued for Tender	2022-04-04
2	MT	Issued for 90%	2022-03-07
1	MT	Issued for 50%	2022-01-16

REVISIONS TABLE FOR DRAWINGS

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No.	By:	Description	Date

REVISIONS TABLE FOR SHEET

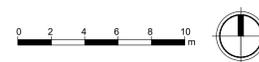
Project:
Mackenzie Bike Park

Location:
Lot 1 Plan PGP17067 District Lot 12463 Land District 05 Except Plan PGP18664
Rem. LOT 2. PLAN 24200

Lot 2 Plan PGP24200 District Lot 12463 Land District 05 Except Plan 27125 EX PL 27125

Drawn: MS CL	Stamp:
Checked: DJ	
Approved: KR	Original Sheet Size: 24"x36"

Scale:
CONTRACTOR SHALL CHECK ALL DIMENSIONS ON THE WORK AND REPORT ANY DISCREPANCY TO THE CONSULTANT BEFORE PROCEEDING. ALL DRAWINGS AND SPECIFICATIONS ARE THE EXCLUSIVE PROPERTY OF THE OWNER AND MUST BE RETURNED AT THE COMPLETION OF THE WORK. ALL REZONING/PP/AP/AP/SP DRAWINGS MUST NOT BE PRICED FOR CONSTRUCTION UNLESS LABELED ISSUED FOR TENDER/CONSTRUCTION.



Drawing Title: BIKE PARK MATERIALS PLAN

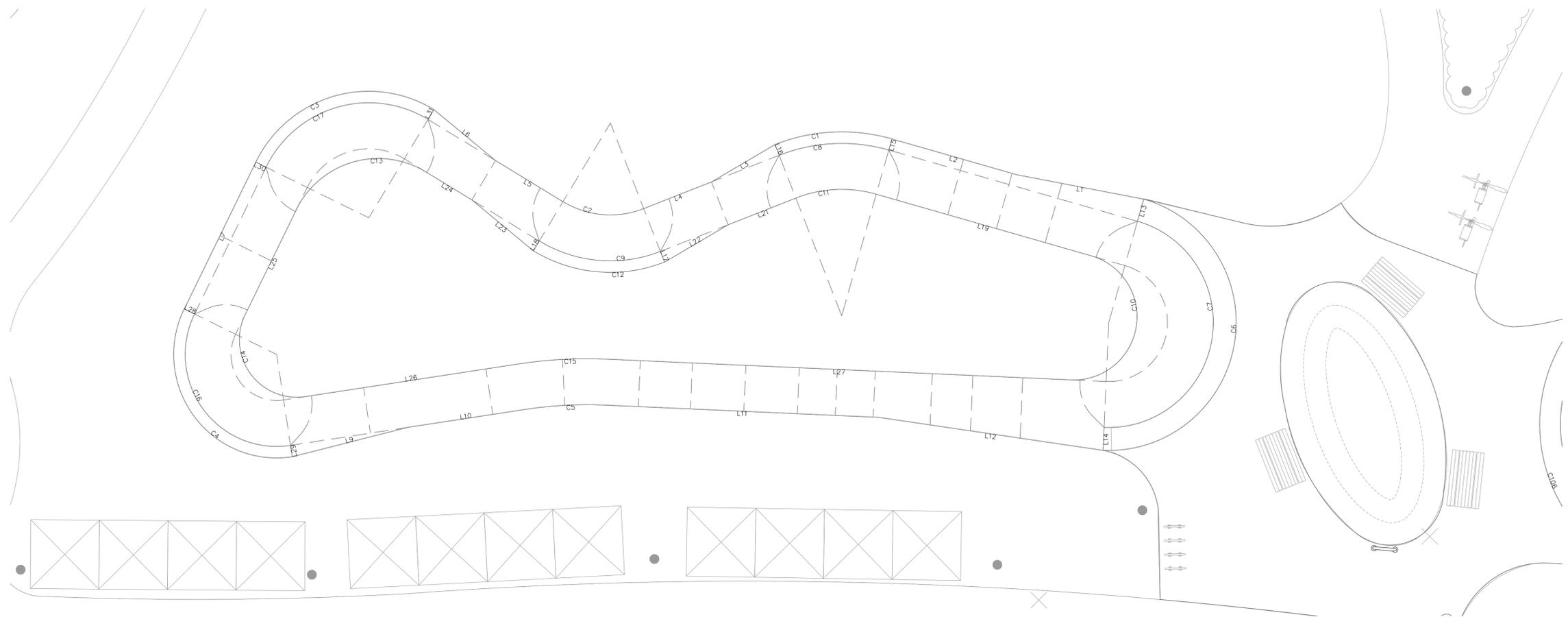
VDZ Project #: PR2021-03

Drawing #: B-03

ALL DIMENSIONS, IF ANY, IN MILLIMETRES
 SECTIONS / PROFILES ON BS-01 THRU BS-04
 DETAILS ON BD-01 THRU BD-02

LAYOUT NOTES

- COORDINATE VALUES SHOWN ARE INTENDED FOR HORIZONTAL POSITIONING AND DIMENSION CLARIFICATION ONLY. ALL POINTS SET IN THE FIELD FROM THESE VALUES SHALL FIRST BE CHECKED BY THE CONTRACTOR TO ENSURE THAT THE LOCATION IS CONSISTENT WITH THE DIMENSIONS AND GRAPHIC LOCATIONS SHOWN ON THE APPROVED CONSTRUCTION PLANS. IN THE CASE OF A DISCREPANCY WITH ANY COORDINATE VALUE SHOWN, THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY THE CITY PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITY THAT MAY BE AFFECTED.
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- BECAUSE OF THE SCALE OF THIS DRAWING AND PROXIMITY OF FEATURES TO EACH OTHER, THE LOCATION OF SOME OR THE POINTS MAY BE OBSCURED. REFER TO THE LAYOUT DATA FOR THE ACTUAL LOCATIONS FOR ALL POINTS.



A PUMP TRACK LAYOUT PLAN - LINES & CURVES

Line #	Length	Direction
L1	5.67	N79° 08' 25.13"W
L2	5.66	N74° 04' 49.04"W
L3	3.22	S59° 39' 57.84"W
L4	3.18	S68° 36' 01.69"W
L5	3.45	N58° 47' 34.38"W
L6	3.49	S50° 32' 51.41"E
L7	7.11	S26° 06' 39.96"W
L9	5.21	N75° 48' 36.19"E
L10	5.18	N81° 19' 17.90"E
L11	11.98	N87° 27' 25.55"W
L12	9.92	N81° 40' 07.08"W
L13	1.00	S15° 55' 10.98"W
L14	1.00	S02° 32' 34.45"W
L15	0.50	S15° 55' 10.97"W
L16	0.50	S21° 23' 58.31"E
L17	0.50	S21° 23' 58.31"E
L18	0.50	N31° 12' 25.61"E
L19	9.79	N74° 04' 49.03"W
L21	3.18	S68° 36' 01.69"W
L22	3.22	N59° 39' 57.84"E

Line #	Length	Direction
L23	3.49	N50° 32' 51.41"W
L24	2.36	N58° 47' 34.38"W
L25	5.08	S26° 06' 39.96"W
L26	9.41	N81° 19' 17.90"E
L27	20.33	N87° 27' 25.55"W
L28	0.50	S63° 53' 20.04"E
L29	0.50	S08° 40' 42.19"E
L30	0.50	N63° 53' 20.02"W
L31	0.50	N31° 12' 25.62"E

Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C1	5.21	8.00	037.3192	S87° 15' 36.33"W	5.119
C2	3.67	4.00	052.6067	S85° 05' 46.37"E	3.545
C3	9.13	5.50	095.0960	S73° 39' 32.78"W	8.116
C4	9.80	4.50	124.7895	S36° 17' 01.11"E	7.975
C5	3.53	18.00	011.2213	S86° 55' 56.14"W	3.520
C6	16.20	5.57	166.6236	N09° 13' 53.41"E	11.068
C7	13.30	4.57	166.6236	N09° 13' 53.41"E	9.082
C8	4.89	7.50	037.3192	S87° 15' 36.33"W	4.799
C9	5.51	6.00	052.6067	S85° 05' 46.36"E	5.317
C10	8.00	2.75	166.6242	N09° 13' 50.97"E	5.463
C11	3.58	5.50	037.3192	S87° 15' 36.33"W	3.519
C12	5.97	6.50	052.6067	N85° 05' 46.37"W	5.761
C13	6.64	4.00	095.0960	S73° 39' 32.78"W	5.903
C14	5.45	2.50	124.7906	S36° 16' 59.10"E	4.431
C15	3.92	20.00	011.2213	S86° 55' 56.14"W	3.911
C16	8.71	4.00	124.7895	S36° 17' 01.11"E	7.089
C17	8.30	5.00	095.0960	S73° 39' 32.78"W	7.378

B PUMP TRACK LAYOUT TABLE - LINES & CURVES

NOTE:
 COORDINATE VALUES SHOWN ARE INTENDED FOR HORIZONTAL POSITIONING AND DIMENSION CLARIFICATION ONLY. ALL POINTS SET IN THE FIELD FROM THESE VALUES SHALL FIRST BE CHECKED BY THE CONTRACTOR TO ENSURE THAT THE LOCATION IS CONSISTENT WITH THE DIMENSIONS AND GRAPHIC LOCATIONS SHOWN ON THE APPROVED CONSTRUCTION PLANS. IN THE CASE OF A DISCREPANCY WITH ANY COORDINATE VALUE SHOWN, THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY THE CITY PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITY THAT MAY BE AFFECTED.

ALL COORDINATES SHOWN NEED TO BE CHECKED AGAINST THE CROSS SECTIONS FOR ACCURACY.
 CHECK THE CROSS SECTIONS FOR ACCURACY AND INDICATE ANY DISCREPANCY TO THE SKATEPARK DESIGNER AS SOON AS IDENTIFIED.

*** CONTRACTOR RESPONSIBLE FOR SURVEY WORK**



No.	By:	Description	Date
3	MT	Issued for Tender	2022-04-04
2	MT	Issued for 90%	2022-03-07
1	MT	Issued for 50%	2022-01-16

REVISIONS TABLE FOR DRAWINGS
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No.	By:	Description	Date

REVISIONS TABLE FOR SHEET

Project:
Mackenzie Bike Park
Location:
 Lot 1 Plan PGP17067 District Lot 12463 Land District 05 Except Plan PGP18664
 Rem. LOT 2. PLAN 24200
 Lot 2 Plan PGP24200 District Lot 12463 Land District 05 Except Plan 27125 EX PL 27125

Drawn: MS CL	Stamp:
Checked: DJ	
Approved: KR	Original Sheet Size: 24"x36"
Scale:	CONTRACTOR SHALL CHECK ALL DIMENSIONS ON THE WORK AND REPORT ANY DISCREPANCY TO THE CONSULTANT BEFORE PROCEEDING. ALL DRAWINGS AND SPECIFICATIONS ARE THE EXCLUSIVE PROPERTY OF THE OWNER AND MUST BE RETURNED AT THE COMPLETION OF THE WORK. ALL REVISIONS/CHANGES/ADDENDUMS MUST NOT BE PRICED FOR CONSTRUCTION UNLESS LABELED ISSUED FOR TENDER/CONSTRUCTION.

Drawing Title: BIKE PARK LAYOUT PLAN & TABLES

VDZ Project #: PR2021-03

Drawing #: B-06

ALL DIMENSIONS, IF ANY, IN MILLIMETRES
 SECTIONS / PROFILES ON BS-01 THRU BS-04
 DETAILS ON BD-01 THRU BD-02
 POINT TABLE ON B-08

LAYOUT NOTES

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No.	By:	Description	Date
3	MT	Issued for Tender	2022-04-04
2	MT	Issued for 90%	2022-03-07
1	MT	Issued for 50%	2022-01-16

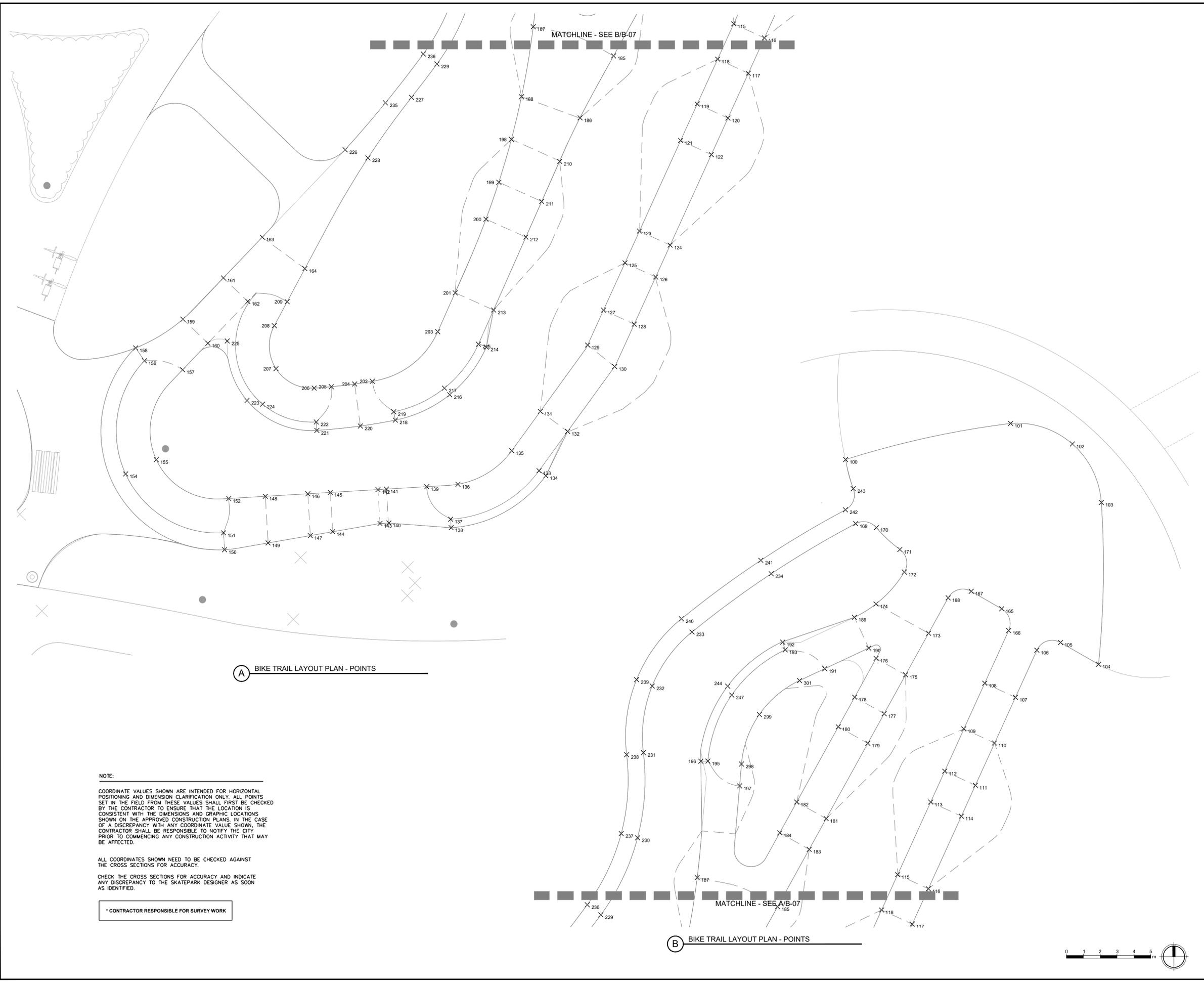
REVISIONS TABLE FOR DRAWINGS

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No.	By:	Description	Date
REVISIONS TABLE FOR SHEET			

Project:
Mackenzie Bike Park
Location:
 Lot 1 Plan PGP17067 District Lot
 12463 Land District 05 Except Plan
 PGP18664
 Rem. LOT 2. PLAN 24200
 Lot 2 Plan PGP24200 District Lot
 12463 Land District 05 Except Plan
 27125 EX PL 27125

Drawn: MS CL	Stamp:
Checked: DJ	
Approved: KR	Original Sheet Size: 24"x36"
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A BIKE TRAIL LAYOUT PLAN - POINTS

B BIKE TRAIL LAYOUT PLAN - POINTS

NOTE:
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* CONTRACTOR RESPONSIBLE FOR SURVEY WORK

ALL DIMENSIONS, IF ANY, IN MILLIMETRES
 SECTIONS / PROFILES ON BS-01 THRU BS-04
 DETAILS ON BD-01 THRU BD-02
 LINE & CURVE TABLE ON B-08

LAYOUT NOTES

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No.	By:	Description	Date
3	MT	Issued for Tender	2022-04-04
2	MT	Issued for 90%	2022-03-07
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No.	By:	Description	Date

REVISIONS TABLE FOR DRAWINGS

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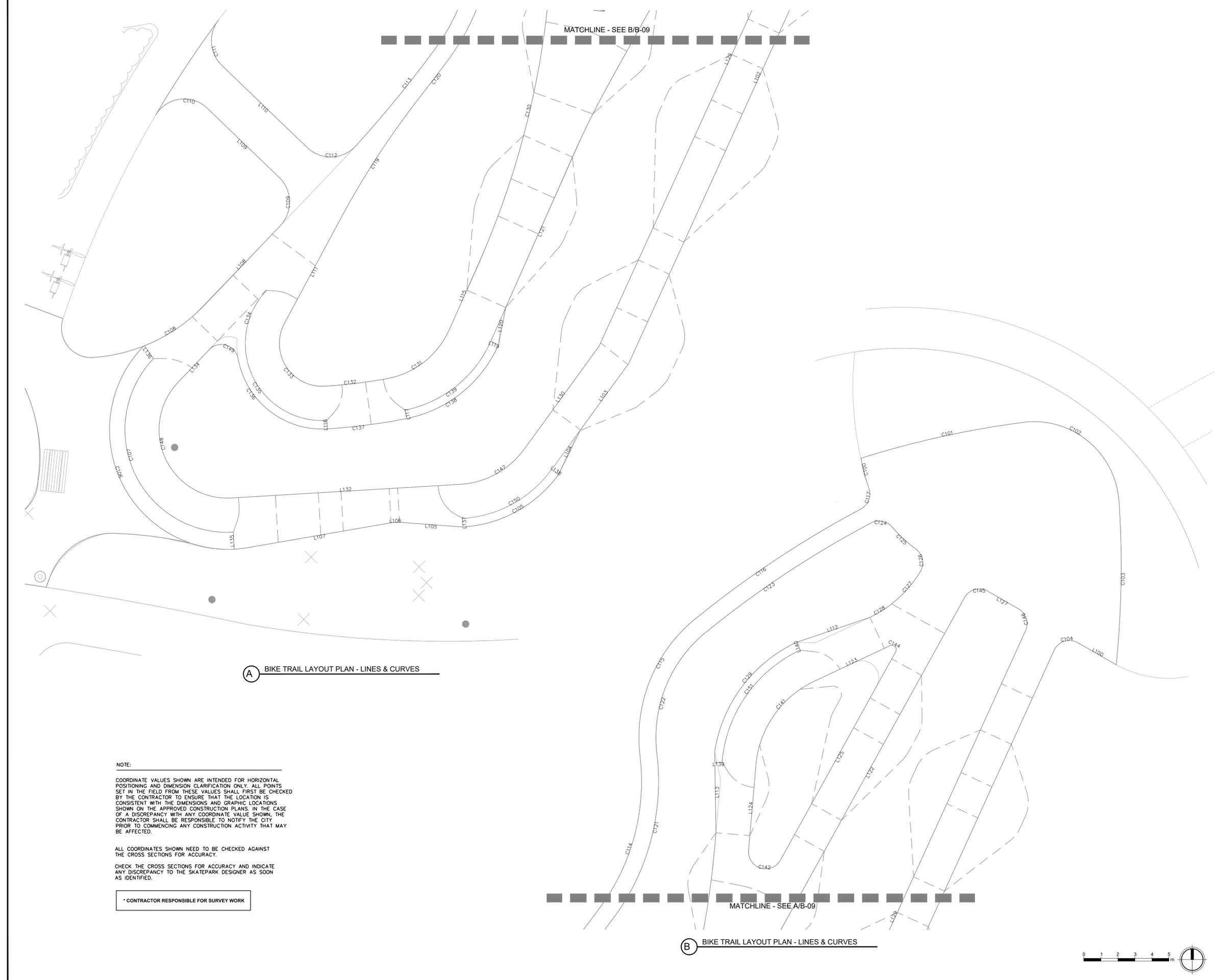
No.	By:	Description	Date

REVISIONS TABLE FOR SHEET

Project:
Mackenzie Bike Park
Location:
 Lot 1 Plan PGP17067 District Lot
 12463 Land District 05 Except Plan
 PGP18664
 Rem. LOT 2. PLAN 24200
 Lot 2 Plan PGP24200 District Lot
 12463 Land District 05 Except Plan
 27125 EX PL 27125

Drawn: MS CL	Stamp:
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Approved: KR	Original Sheet Size: 24"x36"

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A BIKE TRAIL LAYOUT PLAN - LINES & CURVES

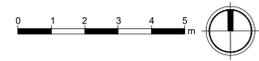
B BIKE TRAIL LAYOUT PLAN - LINES & CURVES

NOTE:
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CONTRACTOR RESPONSIBLE FOR SURVEY WORK



ALL DIMENSIONS, IF ANY, IN MILLIMETRES
 SECTIONS / PROFILES ON BS-01 THRU BS-04
 DETAILS ON BD-01 THRU BD-02

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CONTRACTOR RESPONSIBLE FOR SURVEY WORK

LAYOUT NOTES

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Point #	Northing	Eastng
100	6132710.06	494175.07
101	6132712.19	494184.85
102	6132710.98	494188.51
103	6132707.53	494190.23
104	6132697.99	494190.06
105	6132699.28	494187.81
106	6132698.82	494186.40
107	6132696.05	494185.14
108	6132696.88	494183.32
109	6132694.19	494182.07
110	6132693.36	494183.89
111	6132690.86	494182.76
112	6132691.69	494180.95
113	6132689.87	494180.11
114	6132689.04	494181.93
115	6132685.59	494178.16
116	6132684.76	494179.98
117	6132682.68	494179.03
118	6132683.51	494177.21
119	6132680.87	494176.00

Point #	Northing	Eastng
120	6132680.03	494177.82
121	6132678.72	494175.01
122	6132677.88	494176.83
123	6132673.38	494172.57
124	6132672.55	494174.39
125	6132671.50	494171.72
126	6132670.67	494173.54
127	6132668.72	494170.44
128	6132667.89	494172.26
129	6132666.66	494169.50
130	6132665.39	494171.11
131	6132662.75	494166.70
132	6132661.57	494168.32
133	6132659.25	494166.62
134	6132658.95	494167.03
135	6132660.43	494165.01
136	6132658.45	494161.82
137	6132656.39	494161.39
138	6132655.89	494161.42
139	6132658.31	494159.97

Point #	Northing	Eastng
140	6132656.17	494157.73
141	6132658.17	494157.58
142	6132658.14	494157.08
143	6132656.14	494157.20
144	6132655.65	494154.40
145	6132657.97	494154.26
146	6132657.89	494152.93
147	6132655.42	494153.07
148	6132657.74	494150.41
149	6132654.99	494150.57
150	6132654.59	494147.99
151	6132655.59	494147.93
152	6132657.61	494148.24
154	6132659.06	494142.13
155	6132659.90	494143.95
156	6132665.73	494143.24
157	6132665.20	494145.51
158	6132666.49	494142.73
159	6132668.18	494145.53
160	6132666.76	494147.00

Point #	Northing	Eastng
161	6132670.61	494147.92
162	6132669.23	494149.37
163	6132673.01	494150.22
164	6132671.16	494152.75
165	6132701.26	494184.32
166	6132699.98	494184.73
167	6132702.29	494182.52
168	6132701.91	494181.15
169	6132706.29	494175.67
170	6132706.05	494176.90
171	6132704.76	494178.29
172	6132703.43	494178.55
173	6132699.82	494179.99
174	6132701.55	494176.88
175	6132697.37	494178.63
176	6132698.34	494176.88
177	6132695.08	494177.36
178	6132696.05	494175.61
179	6132693.34	494176.39
180	6132694.31	494174.64

Point #	Northing	Eastng
181	6132688.90	494173.93
182	6132689.87	494172.18
183	6132687.09	494172.92
184	6132688.06	494171.17
185	6132683.70	494171.04
186	6132680.05	494169.06
187	6132685.42	494166.28
188	6132681.30	494165.59
189	6132700.76	494175.60
190	6132698.95	494176.44
191	6132697.73	494173.84
192	6132699.30	494171.35
193	6132698.84	494171.50
195	6132692.29	494166.91
196	6132692.28	494166.50
197	6132690.82	494168.79
198	6132678.79	494164.99
199	6132676.25	494164.24
200	6132674.08	494163.48
201	6132669.73	494161.66

Point #	Northing	Eastng
202	6132664.52	494156.75
203	6132667.44	494160.62
204	6132664.36	494155.70
205	6132664.20	494154.32
206	6132664.12	494153.30
207	6132665.26	494151.04
208	6132667.80	494150.94
209	6132669.21	494151.70
210	6132677.48	494167.85
211	6132675.12	494166.78
212	6132673.02	494165.84
213	6132668.72	494163.93
214	6132666.54	494163.50
215	6132666.71	494163.03
216	6132663.73	494161.33
217	6132664.12	494161.02
218	6132662.23	494158.11
219	6132662.72	494158.01
220	6132661.88	494156.04
221	6132661.62	494153.46

Line #	Length	Direction
L100	2.59	S60° 18' 23.23"E
L102	36.70	N24° 33' 57.31"E
L103	4.80	N36° 07' 29.06"E
L104	2.91	N26° 14' 20.18"E
L105	3.73	N85° 41' 43.05"W
L106	0.50	N86° 35' 34.70"E
L107	8.55	S80° 10' 31.99"W
L108	6.42	N43° 46' 36.88"E
L109	5.82	N46° 12' 43.77"W
L110	6.93	N46° 12' 43.77"W
L111	6.94	S28° 18' 07.14"W
L112	4.55	N71° 15' 59.72"E
L113	4.74	S00° 52' 28.69"E
L115	4.25	N23° 59' 53.01"E
L116	0.50	N03° 38' 22.20"W
L117	0.50	S11° 12' 58.60"E
L119	0.50	N66° 00' 06.97"W
L120	2.23	N11° 01' 32.36"E
L121	9.80	S23° 59' 53.02"W
L122	23.21	S29° 02' 21.77"W

Line #	Length	Direction
L123	4.90	N64° 57' 40.72"E
L124	4.99	N04° 56' 37.20"E
L125	13.94	S29° 02' 21.73"W
L127	2.07	N60° 18' 23.21"W
L129	36.85	N24° 33' 57.31"E
L130	7.47	N36° 07' 29.04"E
L132	13.48	N86° 35' 34.74"E
L134	2.64	S43° 46' 36.97"W
L135	1.00	N03° 24' 25.26"W
L136	0.92	N34° 22' 42.24"W
L137	0.50	S03° 24' 25.28"E
L138	0.50	S53° 52' 30.88"E
L139	0.42	S89° 07' 31.31"W
L140	0.50	N18° 44' 00.28"W

Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C100	1.78	8.00	012.7652	S14° 48' 13.50"E	1.779
C101	10.02	54.99	010.4408	N77° 42' 59.94"E	10.007
C102	7.91	5.01	090.4738	S49° 03' 18.30"E	7.115
C103	9.55	57.40	009.5323	S00° 59' 54.60"W	9.538
C104	1.66	1.00	095.1276	N72° 07' 47.02"E	1.476
C105	6.61	7.50	050.4682	N61° 21' 31.89"E	6.395
C106	16.75	6.98	137.4637	S24° 04' 12.07"E	13.013
C107	14.37	6.00	137.1844	S24° 48' 53.50"E	11.172
C108	4.32	10.00	024.7421	N56° 08' 52.69"E	4.285
C109	3.14	2.00	089.9891	N01° 13' 03.36"W	2.828
C110	3.53	1.97	102.5513	S82° 53' 25.24"W	3.078
C111	2.90	1.99	083.6022	S04° 32' 33.90"E	2.650
C112	3.19	2.00	091.4798	N88° 02' 52.68"E	2.865
C113	7.31	71.40	005.8638	N39° 22' 34.12"E	7.304
C114	9.37	12.39	043.3380	N14° 46' 30.85"E	9.148
C115	9.02	8.93	057.8848	S22° 02' 55.09"W	8.644
C116	11.67	60.26	011.0927	S56° 32' 14.59"W	11.648
C117	1.45	1.00	083.2702	N20° 26' 55.21"E	1.329
C119	8.82	50.00	010.1020	S33° 21' 10.73"W	8.804
C120	2.48	72.40	001.9598	S37° 25' 26.69"W	2.476

Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C121	10.13	13.39	043.3380	S14° 46' 30.82"W	9.886
C122	8.01	7.93	057.8848	S22° 02' 55.12"W	7.676
C123	11.63	59.26	011.2410	S56° 36' 41.58"W	11.608
C124	1.35	1.00	077.3677	N79° 05' 02.54"W	1.250
C125	1.90	8.00	013.6258	N47° 12' 47.36"W	1.898
C126	1.49	1.00	085.4174	N11° 19' 02.42"W	1.357
C127	4.10	7.00	033.5700	N48° 10' 34.86"E	4.043
C128	4.10	7.00	033.5700	N48° 10' 34.86"E	4.043
C129	8.32	8.50	056.0899	N36° 54' 59.05"E	7.993
C130	16.63	50.00	019.0544	N14° 28' 15.11"E	16.552
C131	4.89	5.00	056.0291	N52° 00' 43.35"E	4.697
C132	3.65	33.00	006.3340	N83° 11' 37.00"E	3.646
C133	5.32	2.50	121.9409	N32° 40' 04.61"W	4.372
C134	3.93	4.50	050.0208	N18° 45' 59.47"E	3.805
C135	6.86	4.50	087.3956	N49° 56' 30.08"W	6.218
C136	7.29	5.00	083.5002	N51° 53' 21.74"W	6.659
C137	4.69	35.50	007.5768	S82° 34' 19.63"W	4.691
C138	7.17	7.50	054.7857	S51° 23' 27.21"W	6.901
C139	6.69	7.00	054.7857	S51° 23' 27.21"W	6.441
C141	6.29	6.00	060.0177	N34° 57' 09.02"E	6.002

Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C142	2.72	1.00	155.9058	S73° 00' 27.78"E	1.956
C144	0.63	0.25	144.0781	S42° 59' 58.78"E	0.476
C145	1.58	1.00	090.6542	S74° 21' 59.23"W	1.422
C146	1.48	1.00	084.8724	N17° 52' 12.98"W	1.350
C147	4.40	5.00	050.4682	N61° 21' 31.94"E	4.263
C148	9.58	4.00	137.1844	S24° 48' 53.15"E	7.448
C149	2.20	1.00	126.0854	N73° 10' 53.61"W	1.783
C150	6.17	7.00	050.4682	N61° 21' 31.90"E	5.968
C151	8.38	8.00	060.0177	N34° 57' 09.01"E	8.002

Point #	Northing	Eastng
222	6132662.12	494153.43
223	6132663.39	494149.32
224	6132663.17	494150.25
225	6132666.90	494148.15
226	6132678.17	49

ALL DIMENSIONS, IF ANY, IN MILLIMETRES
 SECTIONS / PROFILES ON BP-01 THRU BP-06
 DETAILS ON BD-01 THRU BD-02

- BIKE PARK GRADING & DRAINAGE NOTES**
- FINAL HEIGHT AND SHAPE OF EXCAVATION TO BE VERIFIED BY BIKE PARK DESIGNER IN THE FIELD.
 - ALL SPOT ELEVATIONS ARE FOR TOP OF FINISH WORK UNLESS OTHERWISE NOTED.
 - MINIMUM SLOPE FOR ALL CONCRETE FINISH WORK SHALL BE 1%. WATER MUST DRAIN TOWARDS DIRECTION OF FLOW ARROWS AND FOLLOW OVERALL DESIGN INTENT.
 - MAXIMUM SIDEWALK CROSS SLOPE IS 2.0%.
 - MAXIMUM SIDEWALK LONGITUDINAL SLOPE IS 5.0%.
 - ALL AREAS DISTURBED BY GRADING OPERATIONS TO BE FINE GRADED.
 - VERIFY LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO COMMENCING WORK.
 - REFER TO SECTIONS AND PROFILES FOR HEIGHT, RADII AND PROFILES.
 - ALL FINE GRADING OF EARTHWORK SHALL BE INSPECTED WITH TEMPLATES CUT TO THE SPECIFIED RADII ANGLE. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ALL TEMPLATES/SCREENS TO BE USED FOR EARTHWORK TOLERANCES FOR APPROVAL BY BIKE PARK DESIGNER.
 - CONTRACTOR TO PROTECT ALL EXCAVATIONS FROM SOIL EROSION AND WATER SATURATION AT ALL TIMES USING APPROPRIATE CONSTRUCTION METHODS. AND LOSS OF SOIL PROFILE DURING CONSTRUCTION SHALL BE REPLACED WITH APPROPRIATE SOIL COMPOSITION AND COMPACTION METHODS TO MATCH LOSS SOIL.
 - THE DRAINS IN THE BIKE PARK HAVE PERFORATIONS IN THE PORTION BELOW THE CONCRETE DECK TO AVOID ANY HYDRO-STATIC LIFT POTENTIAL.
 - MAINTAIN ALL EXISTING TREES UNLESS NOTED OTHERWISE ON CIVIL PLANS.
 - CONTRACTOR TO VERIFY FEATURE ELEVATIONS WITH SECTIONS. IF A DISCREPANCY OCCURS, CONTRACTOR SHALL CONTACT BIKE PARK DESIGNER IMMEDIATELY.
 - CONTRACTOR TO REFER TO CIVIL PLANS FOR FINISH GRADE ELEVATIONS BEYOND BIKE PARK FOOTPRINT.

No.	By:	Description	Date
3	MT	Issued for Tender	2022-04-04
2	MT	Issued for 90%	2022-03-07
1	MT	Issued for 50%	2022-01-16

REVISIONS TABLE FOR DRAWINGS
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No.	By:	Description	Date
REVISIONS TABLE FOR SHEET			

Project: Mackenzie Bike Park
Location: Lot 1 Plan PGP17067 District Lot 12463 Land District 05 Except Plan PGP18664 Rem. LOT 2. PLAN 24200
 Lot 2 Plan PGP24200 District Lot 12463 Land District 05 Except Plan 27125 EX PL 27125

Drawn: MS CL	Stamp:
Checked: DJ	
Approved: KR	Original Sheet Size: 24"x36"
Scale:	CONTRACTOR SHALL CHECK ALL DIMENSIONS ON THE WORK AND REPORT ANY DISCREPANCY TO THE CONSULTANT BEFORE PROCEEDING. ALL DRAWINGS AND SPECIFICATIONS ARE THE EXCLUSIVE PROPERTY OF THE OWNER AND MUST BE RETURNED AT THE COMPLETION OF THE WORK. ALL REVISIONS TO DRAWINGS MUST NOT BE PRICED FOR CONSTRUCTION UNLESS LABELED ISSUED FOR TENDER/CONSTRUCTION.

- SURVEY NOTES**
- LOCATE ALL SURVEY MARKS INCLUDING BENCH MARKS AND PROPERTY LINES IN ORDER THAT THE EXACT LINES OF CONSTRUCTION LIMITS AND GRADES MAY BE DETERMINED. BRING ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE IMMEDIATELY BEFORE PROCEEDING WITH WORK.
 - VERIFY ENTIRE LAYOUT PRIOR TO START OF CONSTRUCTION WITH PROJECT OWNERS REPRESENTATIVES AND BIKE PARK DESIGNER.
 - LOCATE AND PROTECT CONTROL POINTS PRIOR TO STARTING SITE WORK AND PROTECT ALL PERMANENT REFERENCE POINTS DURING ENTIRE CONSTRUCTION. REPLACE PROJECT CONTROL POINTS WHICH MAY BE LOST OR DESTROYED DURING CONSTRUCTION.
 - CONTRACTOR SHALL VERIFY FINISH GRADE ELEVATIONS AS SHOWN ON CIVIL ENGINEER'S PLANS AND BRING ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE IMMEDIATELY BEFORE PROCEEDING WITH WORK.

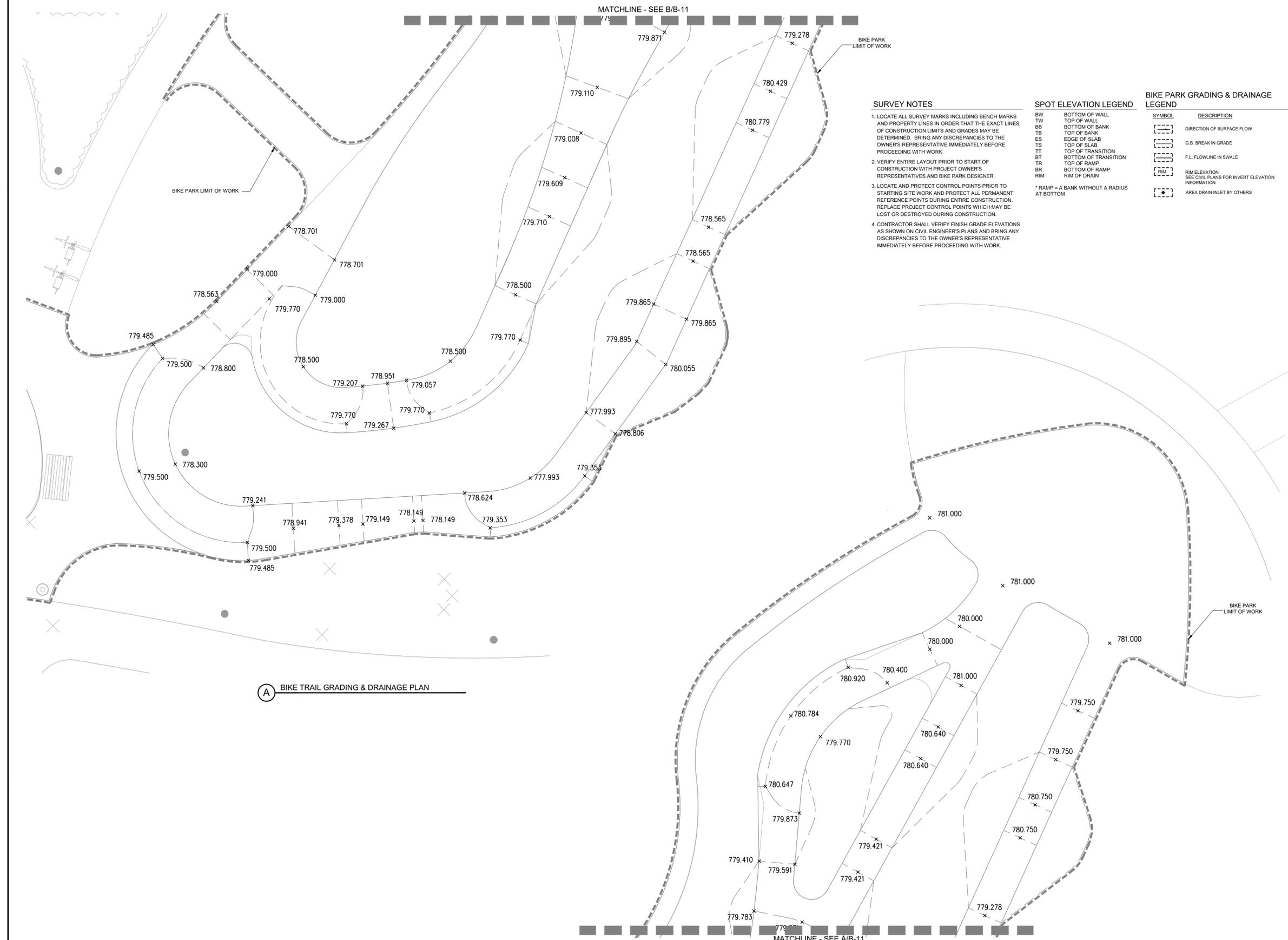
SPOT ELEVATION LEGEND

BW	BOTTOM OF WALL
TW	TOP OF WALL
BB	BOTTOM OF BANK
TB	TOP OF BANK
ES	EDGE OF SLAB
TS	TOP OF SLAB
TT	TOP OF TRANSITION
BT	BOTTOM OF TRANSITION
TR	TOP OF RAMP
BR	BOTTOM OF RAMP
RIM	RIM OF DRAIN

* RAMP = A BANK WITHOUT A RADIUS AT BOTTOM

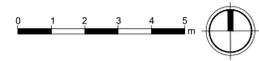
BIKE PARK GRADING & DRAINAGE LEGEND

SYMBOL	DESCRIPTION
	DIRECTION OF SURFACE FLOW
	G.B. BREAK IN GRADE
	F.L. FLOWLINE IN SWALE
	RIM ELEVATION SEE CIVIL PLANS FOR INVERT ELEVATION INFORMATION
	AREA DRAIN INLET BY OTHERS



A BIKE TRAIL GRADING & DRAINAGE PLAN

B BIKE TRAIL GRADING & DRAINAGE PLAN



ALL DIMENSIONS, IF ANY, IN MILLIMETRES
 DETAILS ON BD-01 THRU BD-02
 KEY PLAN ON BS-01

BIKE PARK SPECIALTY WORK LEGEND

- SPECIALTY ASPHALT WORK WITHIN BIKE PARK SCOPE TO BE PERFORMED BY EITHER GENERAL CONTRACTOR OR BIKE PARK SPECIALTY CONTRACTOR
- SPECIALTY SOIL MIX TO BE INSTALLED BY BIKE PARK SPECIALTY CONTRACTOR
- WOOD LIP TO BE INSTALLED BY BIKE PARK SPECIALTY CONTRACTOR

BIKE PARK SECTIONS / PROFILES NOTES

1. ALL SECTION DIMENSIONS ARE EITHER AT TOP OF FINISH SURFACE AND FINISH GRADE UNLESS OTHERWISE NOTED.
2. REFER TO BIKE PARK LAYOUT PLAN SHEETS FOR ACTUAL HORIZONTAL LOCATIONS.
3. FINAL GRADE EARTHWORK AND FORM WORK TO BE REVIEWED AND APPROVED BY BIKE PARK DESIGNER. BIKE PARK DESIGN TEAM RESERVES THE RIGHT TO MAKE FIELD ADJUSTMENTS AS NECESSARY TO FULFILL THE DESIGN INTENT.
4. DUE TO THE UNIQUE AND SCULPTURAL ASPECTS OF THE BIKE PARK, THE LOCATION OF THE DIMENSIONS IN THE SECTIONS NEED TO BE CROSS REFERENCED BY THE BIKE PARK LAYOUT PLAN.
5. SPECIALTY CONTRACTOR SHALL HAVE EXTENSIVE KNOWLEDGE AND EXPERIENCE OF BIKE PARK CONSTRUCTION AND/ OR FREEFORM PRECISION ASPHALT AND SPACIALITY SOIL MIX FORMING, AND APPLICATION TO PROPERLY INTERPRET SECTIONS / PROFILES.
6. ALL BIKE PARK WORK TO BE PERFORMED BY QUALIFIED CONTRACTOR WHO IS ABLE TO MEET THE TOLERANCES MENTIONED IN THE PROJECT'S TECHNICAL SPECIFICATIONS.

No.	By:	Description	Date
3	MT	Issued for Tender	2022-04-04
2	MT	Issued for 90%	2022-03-07
1	MT	Issued for 50%	2022-01-16

REVISIONS TABLE FOR DRAWINGS

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REVISIONS TABLE FOR SHEET

Project:
Mackenzie Bike Park
 Location:
Lot 1 Plan PGP17067 District Lot 12463 Land District 05 Except Plan PGP18664
 Rem. LOT 2. PLAN 24200

Lot 2 Plan PGP24200 District Lot 12463 Land District 05 Except Plan 27125 EX PL 27125

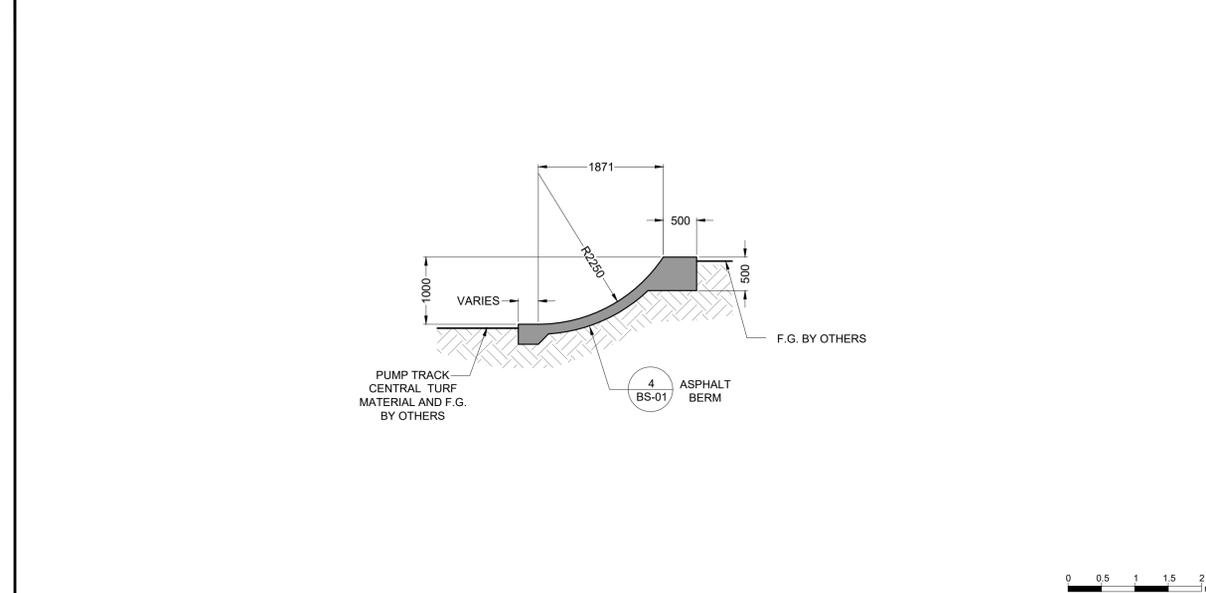
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CL

Checked:
DJ

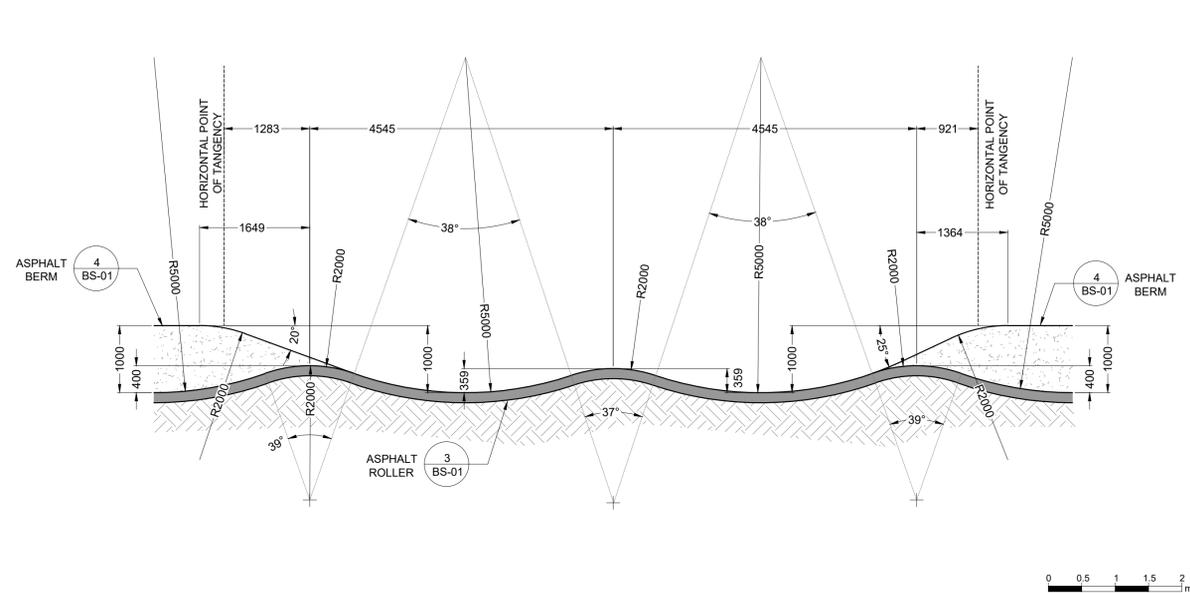
Approved:
KR

Stamp:
Original Sheet Size:
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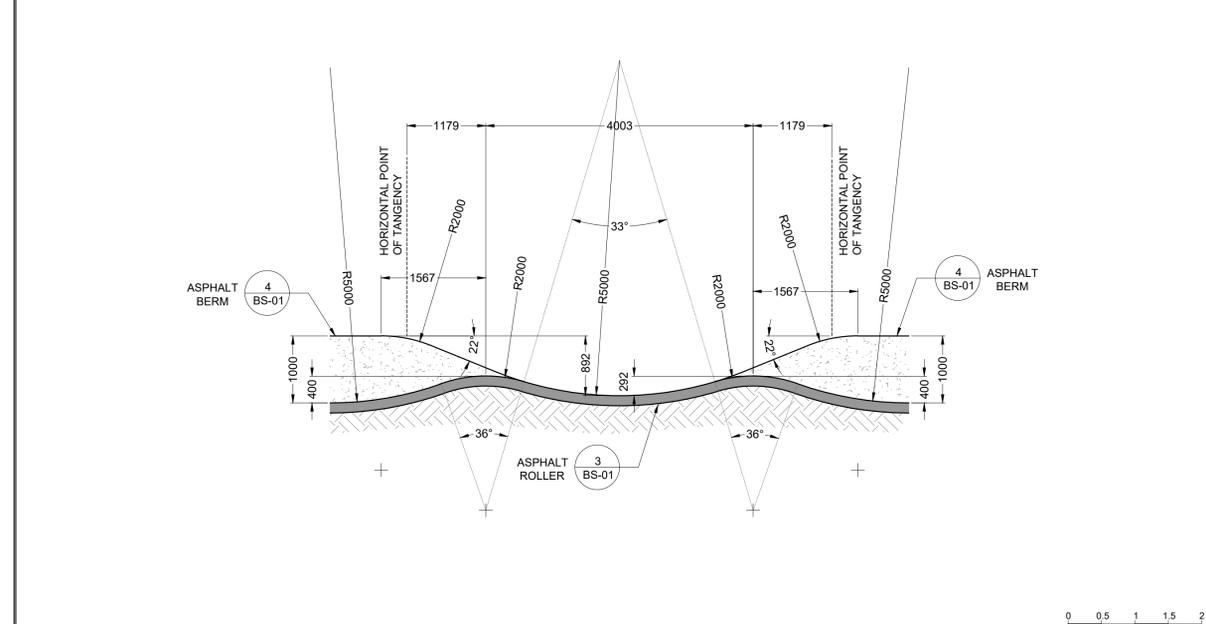
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CONTRACTOR SHALL CHECK ALL DIMENSIONS ON THE WORK AND REPORT ANY DISCREPANCY TO THE CONSULTANT BEFORE PROCEEDING. ALL DRAWINGS AND SPECIFICATIONS ARE THE EXCLUSIVE PROPERTY OF THE OWNER AND MUST BE RETURNED AT THE COMPLETION OF THE WORK. ALL REVISIONS TO DRAWINGS MUST NOT BE PRICED FOR CONSTRUCTION UNLESS LABELED ISSUED FOR TENDER/CONSTRUCTION.



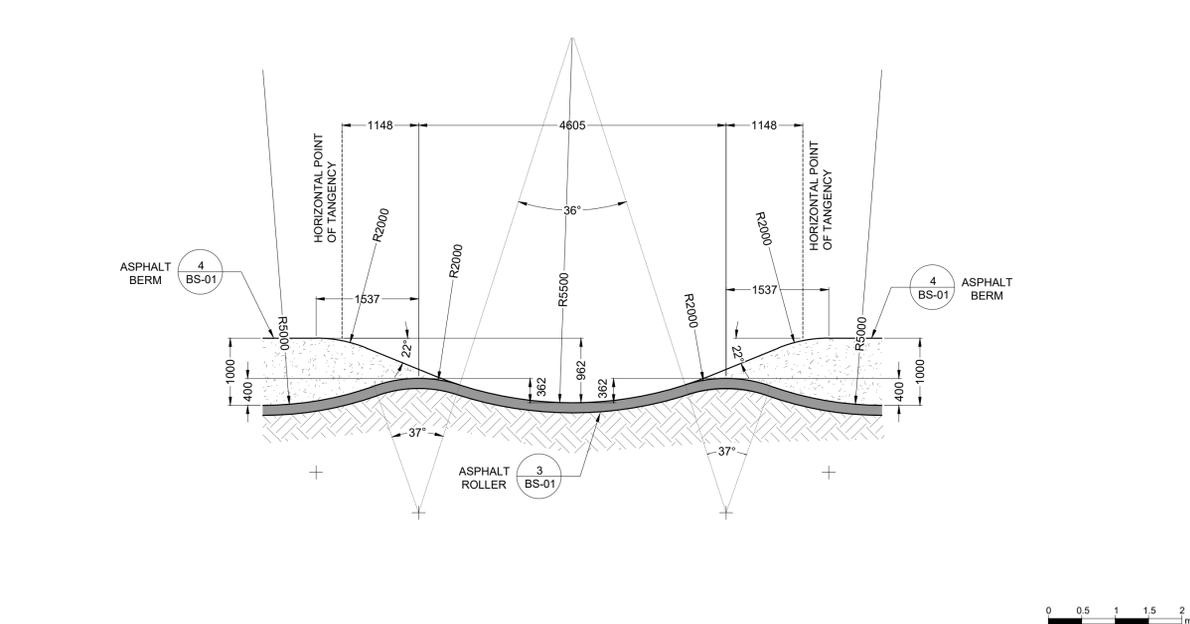
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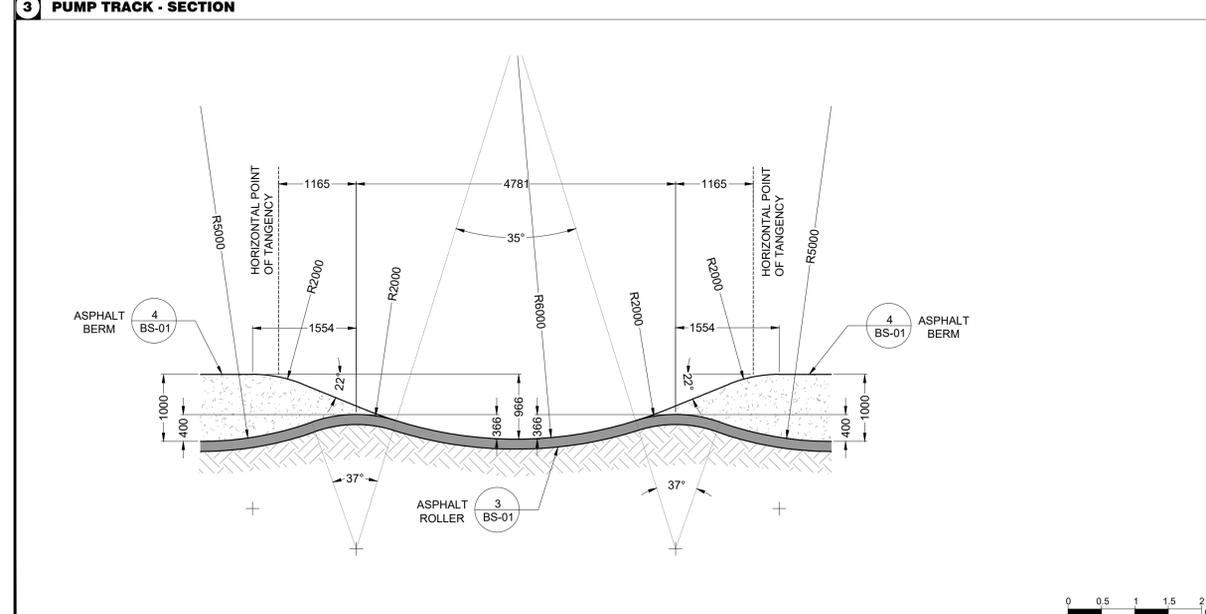
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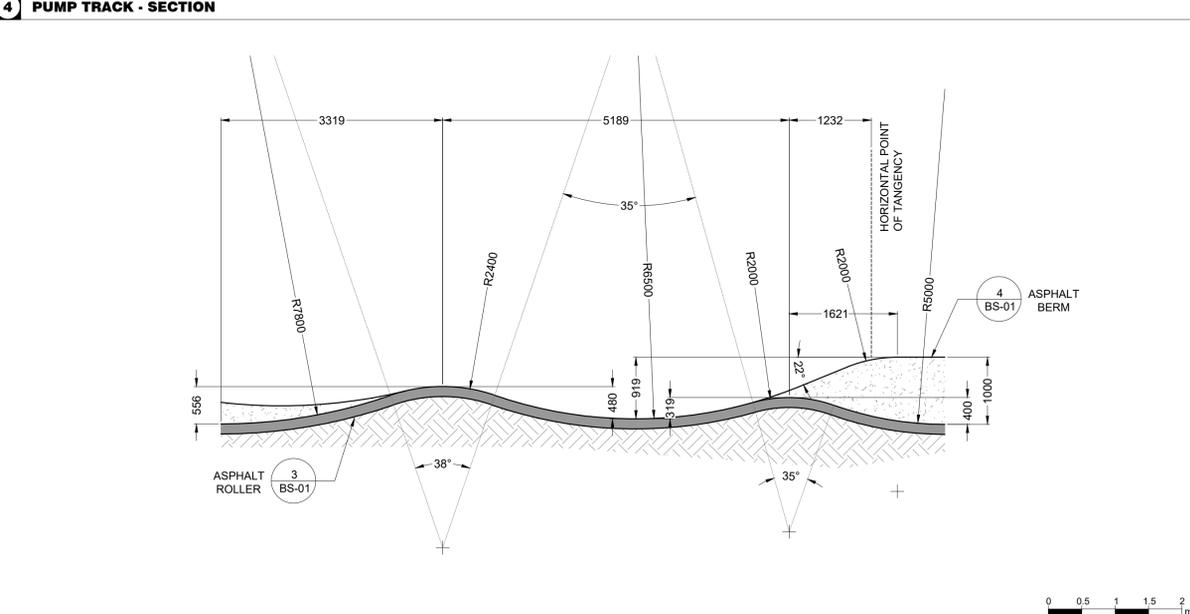
3 PUMP TRACK - SECTION



4 PUMP TRACK - SECTION



5 PUMP TRACK - SECTION



6 PUMP TRACK - SECTION

Drawing Title: BIKE PARK SECTIONS

VDZ Project #: PR2021-03

Drawing #: BS-02

ALL DIMENSIONS, IF ANY, IN MILLIMETRES
 DETAILS ON BD-01 THRU BD-02
 KEY PLAN ON BS-01

BIKE PARK SPECIALTY WORK LEGEND

-  SPECIALTY ASPHALT WORK WITHIN BIKE PARK SCOPE TO BE PERFORMED BY EITHER GENERAL CONTRACTOR OR BIKE PARK SPECIALTY CONTRACTOR
-  SPECIALTY SOIL MIX TO BE INSTALLED BY BIKE PARK SPECIALTY CONTRACTOR
-  WOOD LIP TO BE INSTALLED BY BIKE PARK SPECIALTY CONTRACTOR

BIKE PARK SECTIONS / PROFILES NOTES

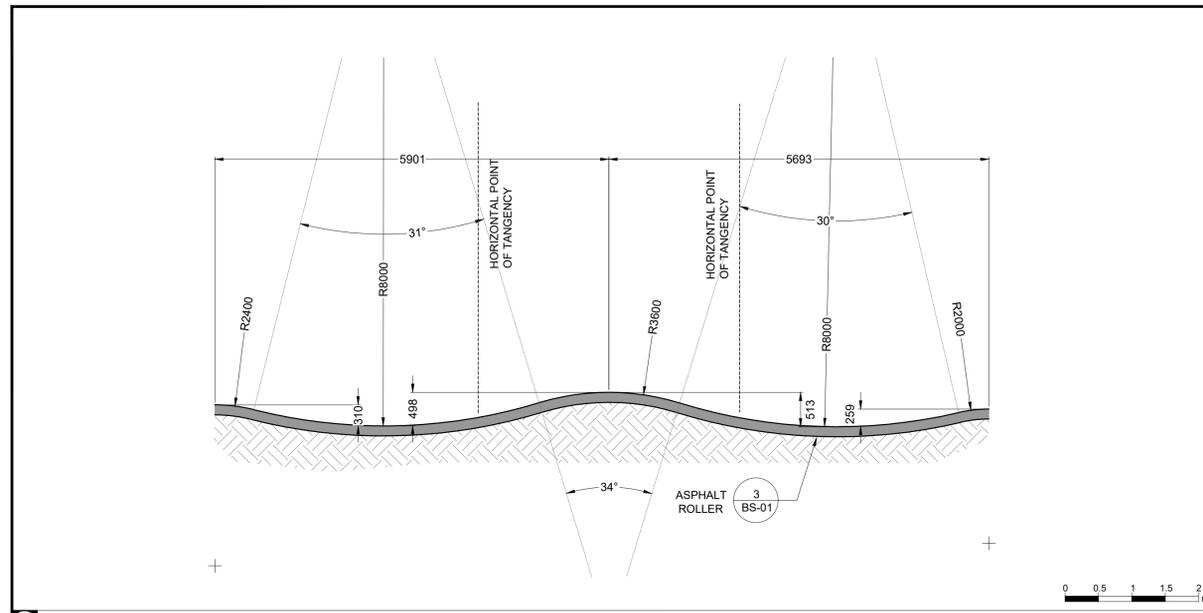
1. ALL SECTION DIMENSIONS ARE EITHER AT TOP OF FINISH SURFACE AND FINISH GRADE UNLESS OTHERWISE NOTED.
2. REFER TO BIKE PARK LAYOUT PLAN SHEETS FOR ACTUAL HORIZONTAL LOCATIONS.
3. FINAL GRADE EARTHWORK AND FORM WORK TO BE REVIEWED AND APPROVED BY BIKE PARK DESIGNER. BIKE PARK DESIGN TEAM RESERVES THE RIGHT TO MAKE FIELD ADJUSTMENTS AS NECESSARY TO FULFILL THE DESIGN INTENT.
4. DUE TO THE UNIQUE AND SCULPTURAL ASPECTS OF THE BIKE PARK, THE LOCATION OF THE DIMENSIONS IN THE SECTIONS NEED TO BE CROSS REFERENCED BY THE BIKE PARK LAYOUT PLAN.
5. SPECIALTY CONTRACTOR SHALL HAVE EXTENSIVE KNOWLEDGE AND EXPERIENCE OF BIKE PARK CONSTRUCTION AND/ OR FREEFORM PRECISION ASPHALT AND SPACIALITY SOIL MIX FORMING, AND APPLICATION TO PROPERLY INTERPRET SECTIONS / PROFILES.
6. ALL BIKE PARK WORK TO BE PERFORMED BY QUALIFIED CONTRACTOR WHO IS ABLE TO MEET THE TOLERANCES MENTIONED IN THE PROJECTS TECHNICAL SPECIFICATIONS.

No.	By:	Description	Date
3	MT	Issued for Tender	2022-04-04
2	MT	Issued for 90%	2022-03-07
1	MT	Issued for 50%	2022-01-16

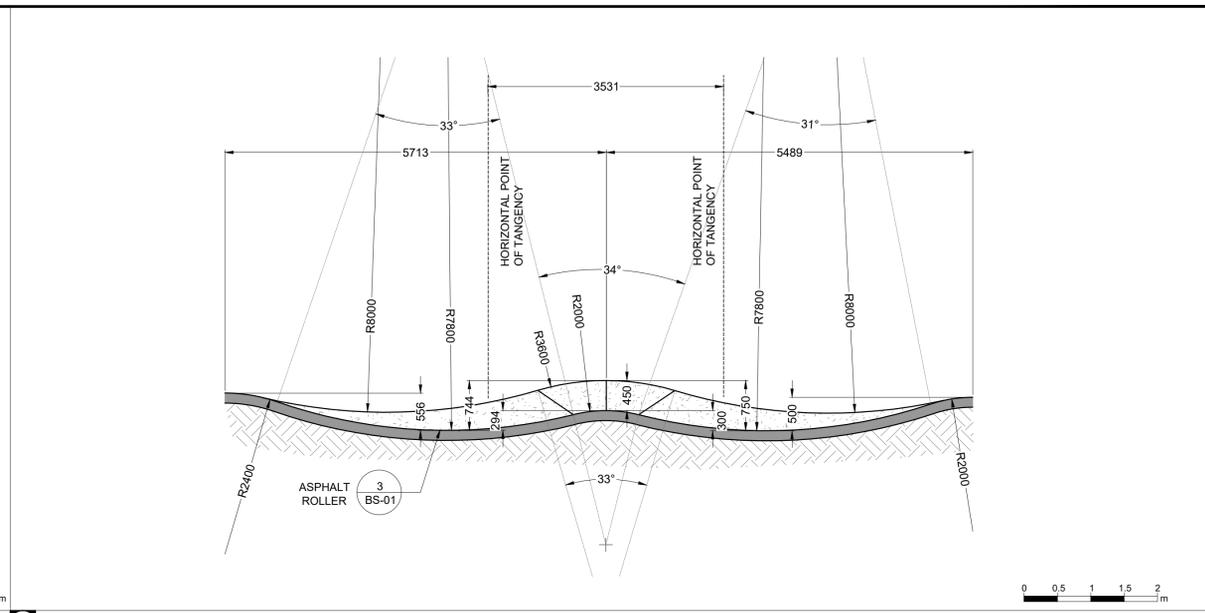
REVISIONS TABLE FOR DRAWINGS

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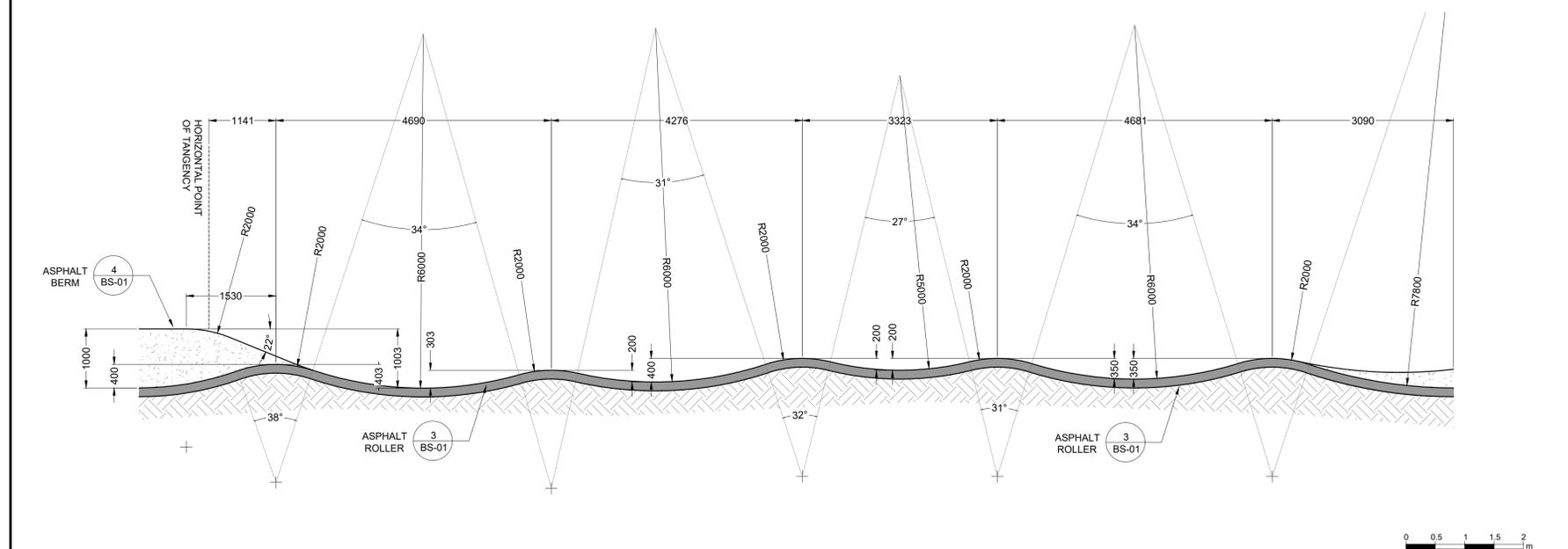
No.	By:	Description	Date
REVISIONS TABLE FOR SHEET			
Project: Mackenzie Bike Park			
Location: Lot 1 Plan PGP17067 District Lot 12463 Land District 05 Except Plan PGP18664 Rem. LOT 2. PLAN 24200			
Lot 2 Plan PGP24200 District Lot 12463 Land District 05 Except Plan 27125 EX PL 27125			
Drawn: MS CL	Stamp:		
Checked: DJ	Original Sheet Size: 24"x36"		
Approved: KR	Scale: CONTRACTOR SHALL CHECK ALL DIMENSIONS ON THE WORK AND REPORT ANY DISCREPANCY TO THE CONSULTANT BEFORE PROCEEDING. ALL DRAWINGS AND SPECIFICATIONS ARE THE EXCLUSIVE PROPERTY OF THE OWNER AND MUST BE RETURNED AT THE COMPLETION OF THE WORK. ALL REVISIONS TO DRAWINGS MUST NOT BE PRICED FOR CONSTRUCTION UNLESS LABELED ISSUED FOR TENDER/CONSTRUCTION.		



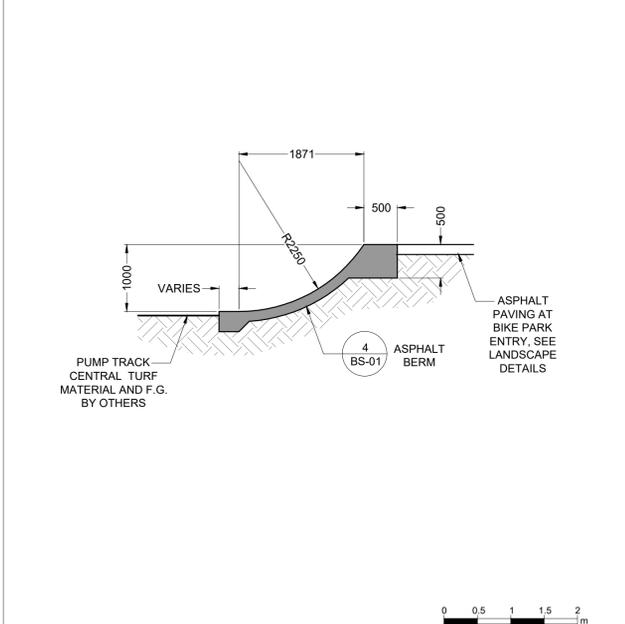
7 PUMP TRACK - SECTION



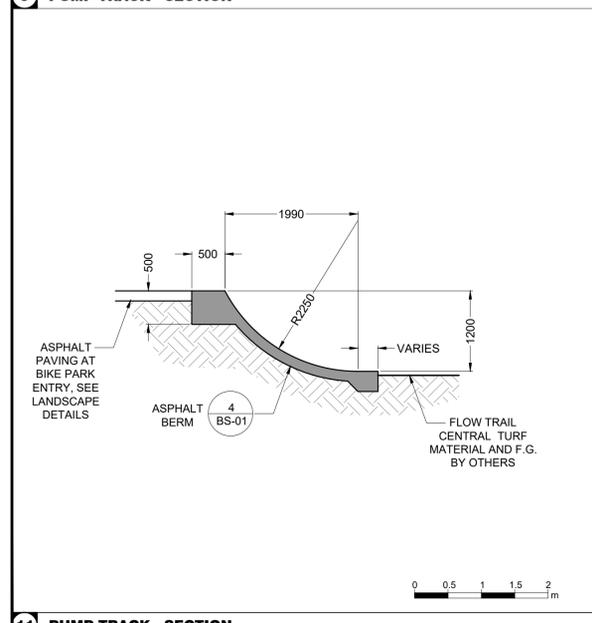
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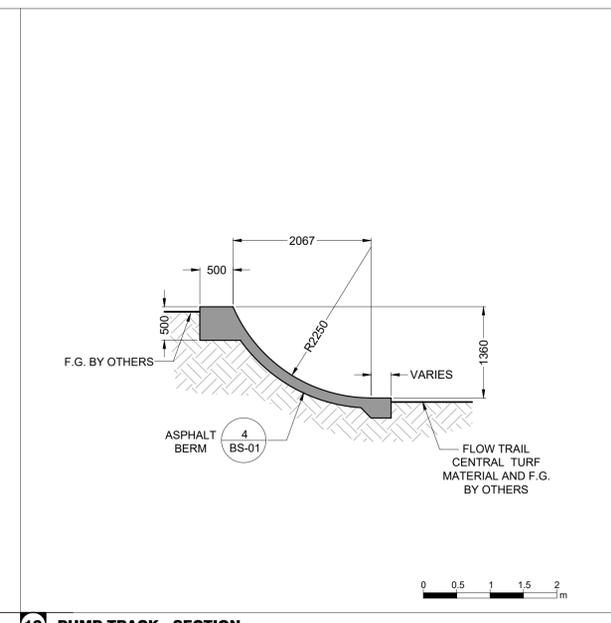
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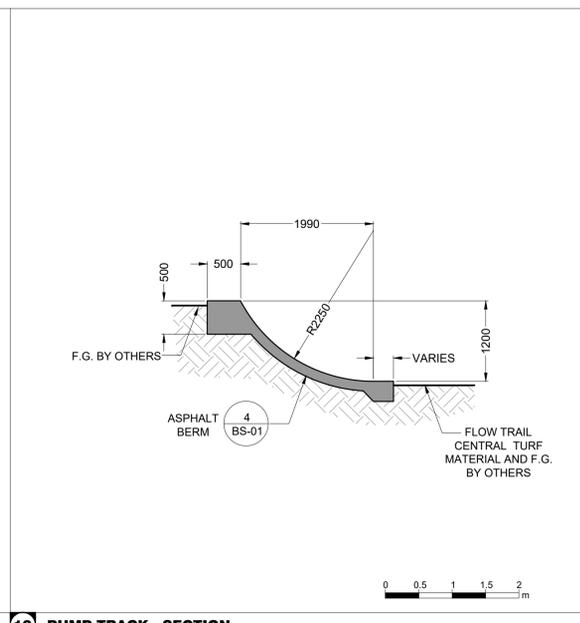
10 PUMP TRACK - SECTION



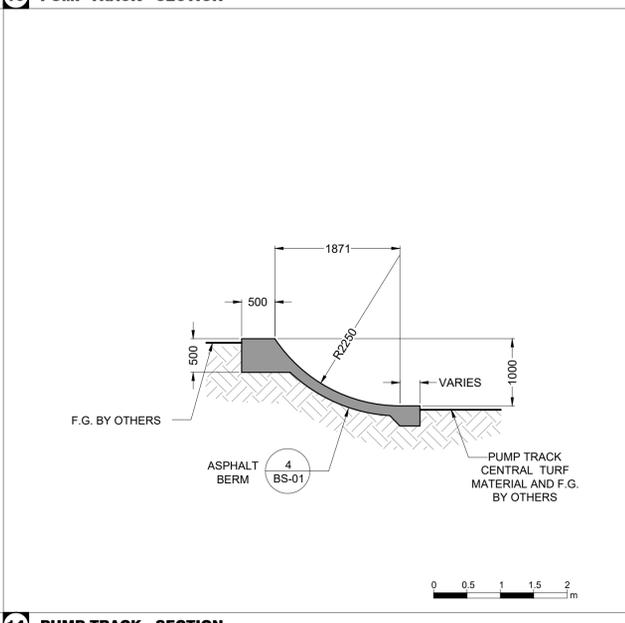
11 PUMP TRACK - SECTION



12 PUMP TRACK - SECTION



13 PUMP TRACK - SECTION



14 PUMP TRACK - SECTION

Drawing Title: **BIKE PARK SECTIONS**
 Drawing #: **PR2021-03**
BS-03

ALL DIMENSIONS, IF ANY, IN MILLIMETRES
 DETAILS ON BD-01 THRU BD-02
 KEY PLAN ON BS-01

BIKE PARK SPECIALTY WORK LEGEND

- SPECIALTY ASPHALT WORK WITHIN BIKE PARK SCOPE TO BE PERFORMED BY EITHER GENERAL CONTRACTOR OR BIKE PARK SPECIALTY CONTRACTOR
- SPECIALTY SOIL MIX TO BE INSTALLED BY BIKE PARK SPECIALTY CONTRACTOR
- WOOD LIP TO BE INSTALLED BY BIKE PARK SPECIALTY CONTRACTOR

BIKE PARK SECTIONS / PROFILES NOTES

1. ALL SECTION DIMENSIONS ARE EITHER AT TOP OF FINISH SURFACE AND FINISH GRADE UNLESS OTHERWISE NOTED.
2. REFER TO BIKE PARK LAYOUT PLAN SHEETS FOR ACTUAL HORIZONTAL LOCATIONS.
3. FINAL GRADE EARTHWORK AND FORM WORK TO BE REVIEWED AND APPROVED BY BIKE PARK DESIGNER. BIKE PARK DESIGN TEAM RESERVES THE RIGHT TO MAKE FIELD ADJUSTMENTS AS NECESSARY TO FULFILL THE DESIGN INTENT.
4. DUE TO THE UNIQUE AND SCULPTURAL ASPECTS OF THE BIKE PARK, THE LOCATION OF THE DIMENSIONS IN THE SECTIONS NEED TO BE CROSS REFERENCED BY THE BIKE PARK LAYOUT PLAN.
5. SPECIALTY CONTRACTOR SHALL HAVE EXTENSIVE KNOWLEDGE AND EXPERIENCE OF BIKE PARK CONSTRUCTION AND/ OR FREEFORM PRECISION ASPHALT AND SPACIALITY SOIL MIX FORMING, AND APPLICATION TO PROPERLY INTERPRET SECTIONS / PROFILES.
6. ALL BIKE PARK WORK TO BE PERFORMED BY QUALIFIED CONTRACTOR WHO IS ABLE TO MEET THE TOLERANCES MENTIONED IN THE PROJECT'S TECHNICAL SPECIFICATIONS.

No.	By:	Description	Date
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2	MT	Issued for 90%	2022-03-07
1	MT	Issued for 50%	2022-01-16

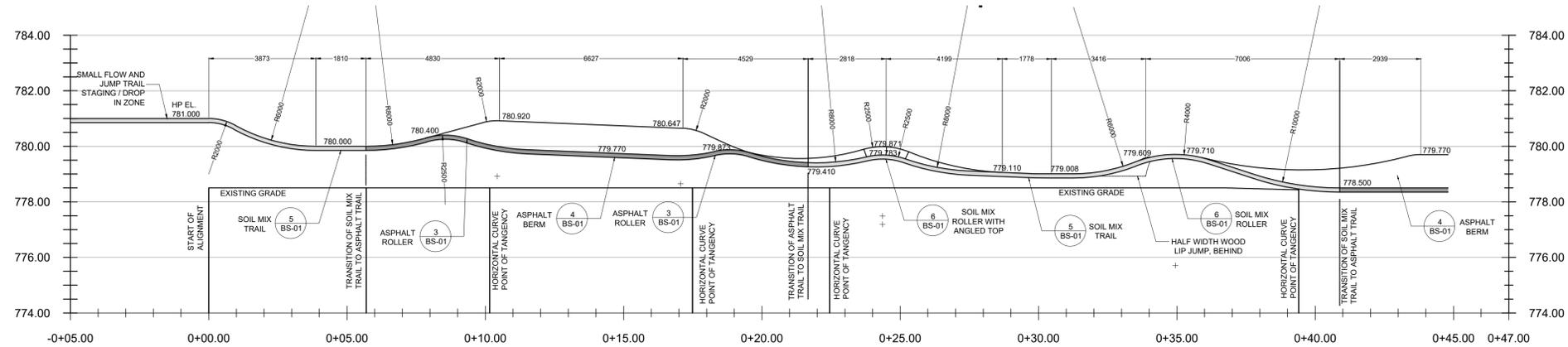
REVISIONS TABLE FOR DRAWINGS

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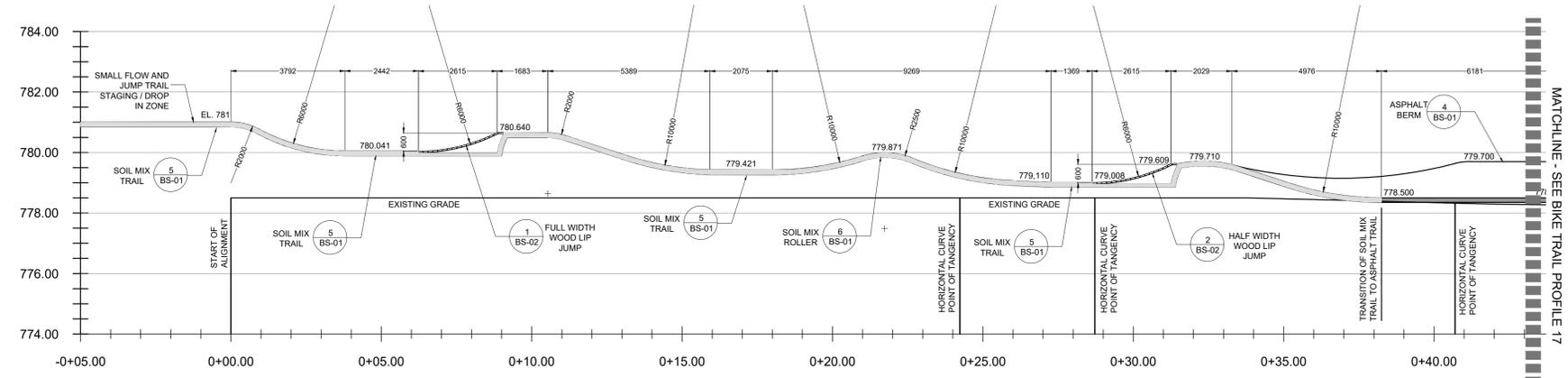
No.	By:	Description	Date
REVISIONS TABLE FOR SHEET			

Project:
Mackenzie Bike Park
Location:
Lot 1 Plan PGP17067 District Lot 12463 Land District 05 Except Plan PGP18664
Rem. LOT 2. PLAN 24200
 Lot 2 Plan PGP24200 District Lot 12463 Land District 05 Except Plan 27125 EX PL 27125

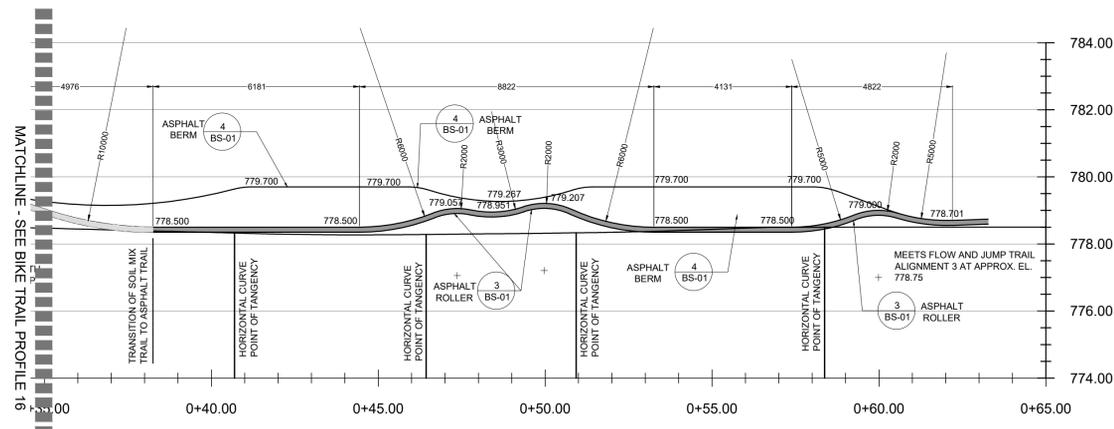
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Checked: DJ	
Approved: KR	Original Sheet Size: 24"x36"
Scale:	CONTRACTOR SHALL CHECK ALL DIMENSIONS ON THE WORK AND REPORT ANY DISCREPANCY TO THE CONSULTANT BEFORE PROCEEDING. ALL DRAWINGS AND SPECIFICATIONS ARE THE EXCLUSIVE PROPERTY OF THE OWNER AND MUST BE RETURNED AT THE COMPLETION OF THE WORK. ALL REZONING/PP/AP/ABSP DRAWINGS MUST NOT BE PRICED FOR CONSTRUCTION UNLESS LABELED ISSUED FOR TENDER/CONSTRUCTION.



15 BIKE TRAIL - PROFILE



16 BIKE TRAIL - PROFILE



17 BIKE TRAIL - PROFILE

Drawing Title: **BIKE PARK SECTIONS**
 Vdz Project #: **PR2021-03**
 Drawing #: **BS-04**

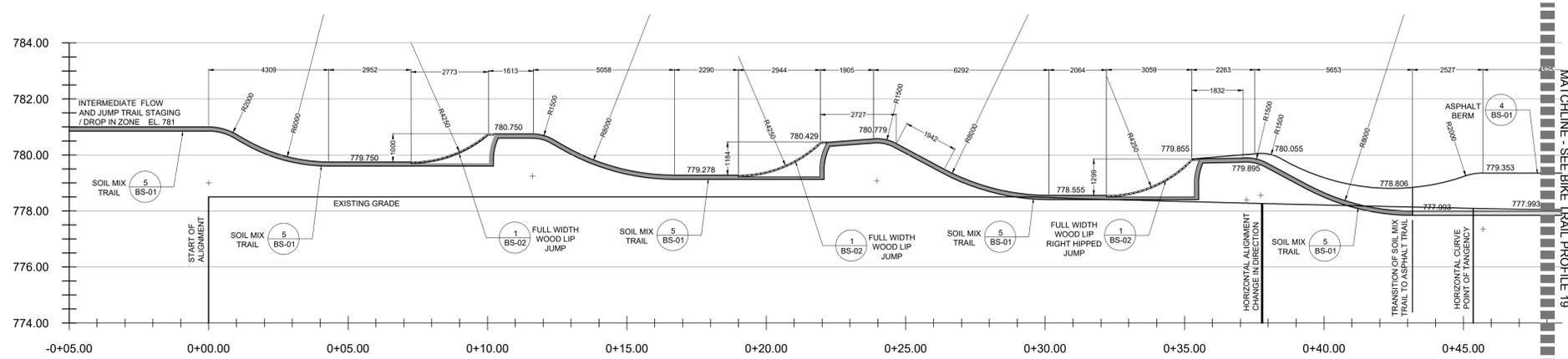
ALL DIMENSIONS, IF ANY, IN MILLIMETRES
 DETAILS ON BD-01 THRU BD-02
 KEY PLAN ON BS-01

BIKE PARK SPECIALTY WORK LEGEND

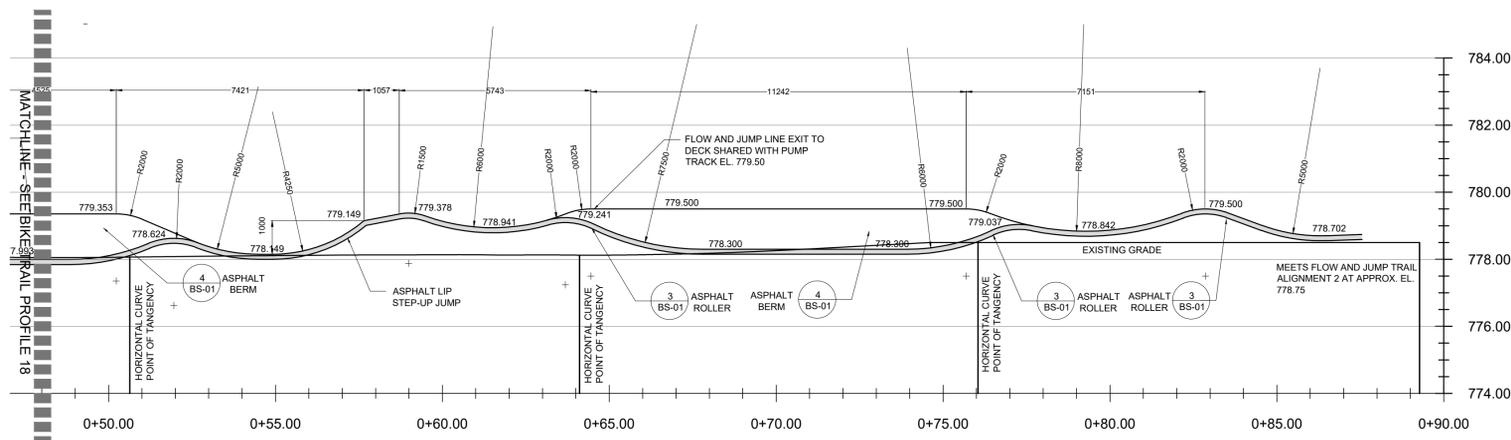
- SPECIALTY ASPHALT WORK WITHIN BIKE PARK SCOPE TO BE PERFORMED BY EITHER GENERAL CONTRACTOR OR BIKE PARK SPECIALTY CONTRACTOR
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BIKE PARK SECTIONS / PROFILES NOTES

1. ALL SECTION DIMENSIONS ARE EITHER AT TOP OF FINISH SURFACE AND FINISH GRADE UNLESS OTHERWISE NOTED.
2. REFER TO BIKE PARK LAYOUT PLAN SHEETS FOR ACTUAL HORIZONTAL LOCATIONS.
3. FINAL GRADE EARTHWORK AND FORM WORK TO BE REVIEWED AND APPROVED BY BIKE PARK DESIGNER. BIKE PARK DESIGN TEAM RESERVES THE RIGHT TO MAKE FIELD ADJUSTMENTS AS NECESSARY TO FULFILL THE DESIGN INTENT.
4. DUE TO THE UNIQUE AND SCULPTURAL ASPECTS OF THE BIKE PARK, THE LOCATION OF THE DIMENSIONS IN THE SECTIONS NEED TO BE CROSS REFERENCED BY THE BIKE PARK LAYOUT PLAN.
5. SPECIALTY CONTRACTOR SHALL HAVE EXTENSIVE KNOWLEDGE AND EXPERIENCE OF BIKE PARK CONSTRUCTION AND/ OR FREEFORM PRECISION ASPHALT AND SPACIALITY SOIL MIX FORMING, AND APPLICATION TO PROPERLY INTERPRET SECTIONS / PROFILES.
6. ALL BIKE PARK WORK TO BE PERFORMED BY QUALIFIED CONTRACTOR WHO IS ABLE TO MEET THE TOLERANCES MENTIONED IN THE PROJECT'S TECHNICAL SPECIFICATIONS.



18 BIKE TRAIL - PROFILE



19 BIKE TRAIL - PROFILE

No.	By:	Description	Date
3	MT	Issued for Tender	2022-04-04
2	MT	Issued for 90%	2022-03-07
1	MT	Issued for 50%	2022-01-16

REVISIONS TABLE FOR DRAWINGS

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REVISIONS TABLE FOR SHEET

Project:
Mackenzie Bike Park
 Location:
 Lot 1 Plan PGP17067 District Lot
 12463 Land District 05 Except Plan
 PGP18664
 Rem. LOT 2. PLAN 24200
 Lot 2 Plan PGP24200 District Lot
 12463 Land District 05 Except Plan
 27125 EX PL 27125

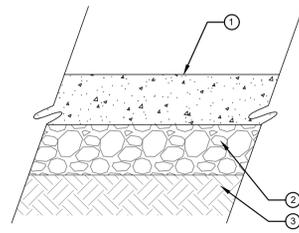
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Checked: DJ	
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Scale:	CONTRACTOR SHALL CHECK ALL DIMENSIONS ON THE WORK AND REPORT ANY DISCREPANCY TO THE CONSULTANT BEFORE PROCEEDING. ALL DRAWINGS AND SPECIFICATIONS ARE THE EXCLUSIVE PROPERTY OF THE OWNER AND MUST BE RETURNED AT THE COMPLETION OF THE WORK. ALL REVISIONS TO DRAWINGS MUST NOT BE PRICED FOR CONSTRUCTION UNLESS LABELED ISSUED FOR TENDER/CONSTRUCTION.

BIKE TRAIL - SECTION

Drawing Title: BIKE PARK SECTIONS

VDZ Project #: PR2021-03

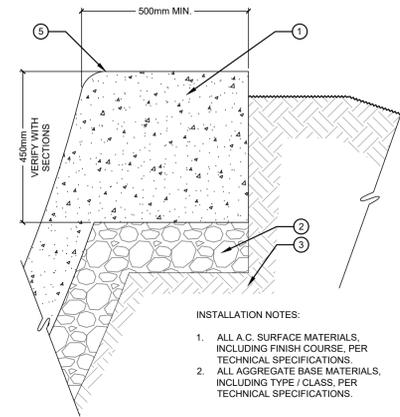
Drawing #: BS-05



- ① 150mm HAND LAID & COMPACTED SPECIALTY ASPHALT, 1.5% CROSS SLOPE OR CENTRE CROWN, FIELD FIT.
- ② 150mm BASE OF DENSE GRADED CRUSHED STONE, FIELD FIT MAY REQUIRE THICKER BUILDUP TO CREATE FEATURES.
- ③ 300mm SUBGRADE STRIPPED OF ORGANICS & COMPACTED TO 95% SPD

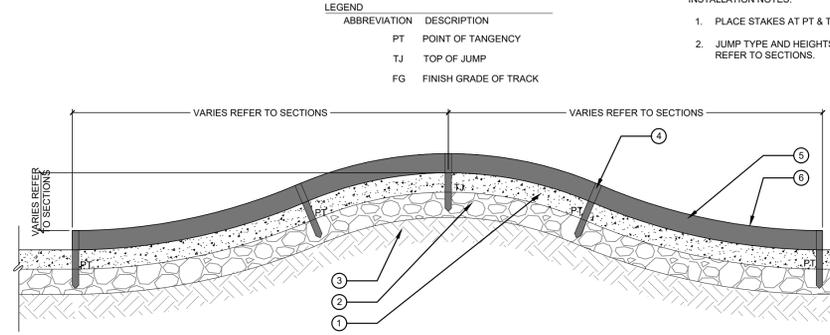
INSTALLATION NOTES:
 1. ALL A.C. SURFACE MATERIALS, INCLUDING FINISH COURSE, PER TECHNICAL SPECIFICATIONS.
 2. ALL AGGREGATE BASE MATERIALS, INCLUDING TYPE / CLASS, PER TECHNICAL SPECIFICATIONS.

1 TYPICAL SPECIALTY ASPHALT
 SCALE 1 : 10



- INSTALLATION NOTES:
 1. ALL A.C. SURFACE MATERIALS, INCLUDING FINISH COURSE, PER TECHNICAL SPECIFICATIONS.
 2. ALL AGGREGATE BASE MATERIALS, INCLUDING TYPE / CLASS, PER TECHNICAL SPECIFICATIONS.
- ① 150mm HAND LAID & COMPACTED SPECIALTY ASPHALT, 1.5% CROSS SLOPE OR CENTRE CROWN, FIELD FIT.
 - ② 150mm BASE OF DENSE GRADED CRUSHED STONE, FIELD FIT MAY REQUIRE THICKER BUILDUP TO CREATE FEATURES.
 - ③ 300mm SUBGRADE STRIPPED OF ORGANICS & COMPACTED TO 95% SPD
 - ④ VERIFY F.G. WITH GRADING PLAN
 - ⑤ TOP OF TURN, TYP.

2 TYPICAL SPECIALTY ASPHALT BOND BEAM
 SCALE 1 : 10



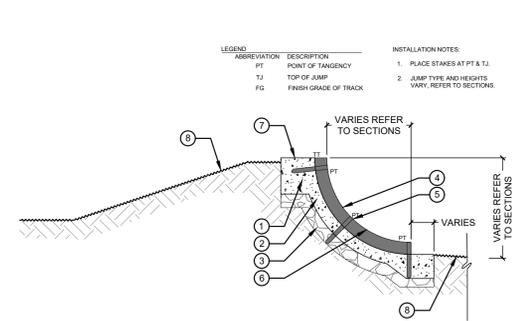
LEGEND

ABBREVIATION	DESCRIPTION
PT	POINT OF TANGENCY
TJ	TOP OF JUMP
FG	FINISH GRADE OF TRACK

INSTALLATION NOTES:
 1. PLACE STAKES AT PT & T.J.
 2. JUMP TYPE AND HEIGHTS VARY. REFER TO SECTIONS.

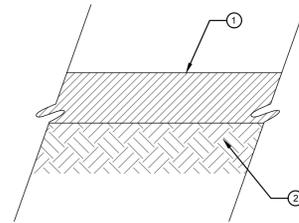
- ① 150mm HAND LAID & COMPACTED SPECIALTY ASPHALT, 1.5% CROSS SLOPE OR CENTRE CROWN, FIELD FIT. SEE 1/BD-01 FOR PROFILE.
- ② 150mm BASE OF DENSE GRADED CRUSHED STONE, FIELD FIT MAY REQUIRE THICKER BUILDUP TO CREATE FEATURES.
- ③ 300mm SUBGRADE STRIPPED OF ORGANICS & COMPACTED TO 95% SPD
- ④ 50mm x 20mm x 460mm WOOD FORM STAKE
- ⑤ 20mm x 150mm PLYWOOD
- ⑥ RADII VARIES REFER TO SECTIONS

3 TYPICAL ASPHALT ROLLER WITH WOOD FORM
 NTS



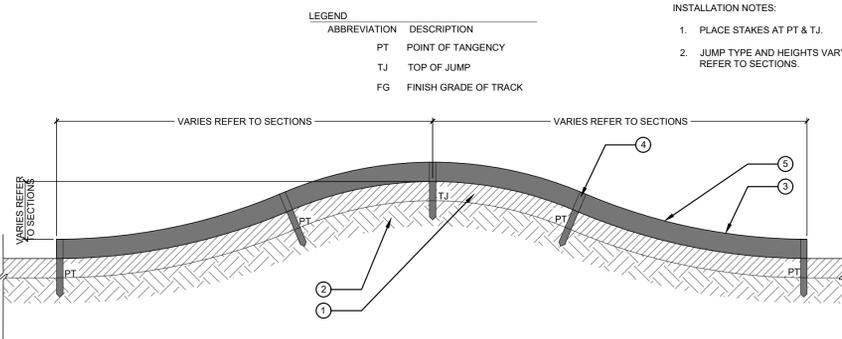
- LEGEND
- | ABBREVIATION | DESCRIPTION |
|--------------|-----------------------|
| PT | POINT OF TANGENCY |
| TJ | TOP OF JUMP |
| FG | FINISH GRADE OF TRACK |
- INSTALLATION NOTES:
 1. PLACE STAKES AT PT & T.J.
 2. JUMP TYPE AND HEIGHTS VARY. REFER TO SECTIONS.
- ① 150mm HAND LAID & COMPACTED SPECIALTY ASPHALT, 1.5% CROSS SLOPE OR CENTRE CROWN, FIELD FIT. SEE 1-2/BD-01 FOR PROFILE AND BOND BEAM.
 - ② 150mm BASE OF DENSE GRADED CRUSHED STONE, FIELD FIT MAY REQUIRE THICKER BUILDUP TO CREATE FEATURES.
 - ③ 300mm SUBGRADE STRIPPED OF ORGANICS & COMPACTED TO 95% SPD
 - ④ 50mm x 20mm x 460mm WOOD FORM STAKE
 - ⑤ 20mm x 150mm PLYWOOD
 - ⑥ RADII VARIES REFER TO SECTIONS
 - ⑦ BOND BEAM, SEE DETAIL 2/BD-01
 - ⑧ FINISH GRADE PER LANDSCAPE PLANS

4 TYPICAL ASPHALT BERM WITH WOOD FORM
 NTS



- ① 150mm HAND LAID & COMPACTED TRAIL SOIL MIX, 1.5% CROSS SLOPE OR CENTRE CROWN, FIELD FIT.
- ② 300mm SUBGRADE STRIPPED OF ORGANICS & COMPACTED TO 95% SPD

5 TYPICAL TRAIL SOIL MIX
 SCALE 1 : 10



INSTALLATION NOTES:
 1. PLACE STAKES AT PT & T.J.
 2. JUMP TYPE AND HEIGHTS VARY. REFER TO SECTIONS.

- ① 150mm HAND LAID & COMPACTED TRAIL SOIL MIX, 1.5% CROSS SLOPE OR CENTRE CROWN, FIELD FIT. SEE 5/BD-01 FOR PROFILE.
- ② 300mm SUBGRADE STRIPPED OF ORGANICS & COMPACTED TO 95% SPD
- ③ RADII VARIES REFER TO SECTIONS
- ④ 50mm x 20mm x 460mm WOOD FORM STAKE
- ⑤ 20mm x 150mm PLYWOOD

6 TYPICAL SOIL MIX ROLLER WITH WOOD FORM
 NTS

No.	By:	Description	Date
3	MT	Issued for Tender	2022-04-04
2	MT	Issued for 90%	2022-03-07
1	MT	Issued for 50%	2022-01-16

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No.	By:	Description	Date

REVISIONS TABLE FOR SHEET

No.	By:	Description	Date

REVISIONS TABLE FOR SHEET

No.	By:	Description	Date

Project:
 Mackenzie Bike Park
 Location:
 Lot 1 Plan PGP17067 District Lot 12463 Land District 05 Except Plan PGP18664
 Rem. LOT 2. PLAN 24200
 Lot 2 Plan PGP24200 District Lot 12463 Land District 05 Except Plan 27125 EX PL 27125

Drawn: MS CL	Stamp:
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Checked: DJ	Original Sheet Size: 24"x36"
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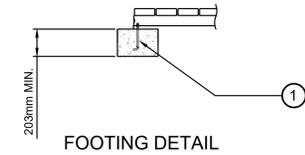
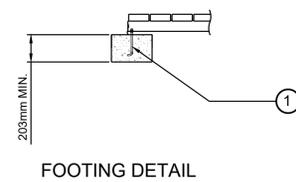
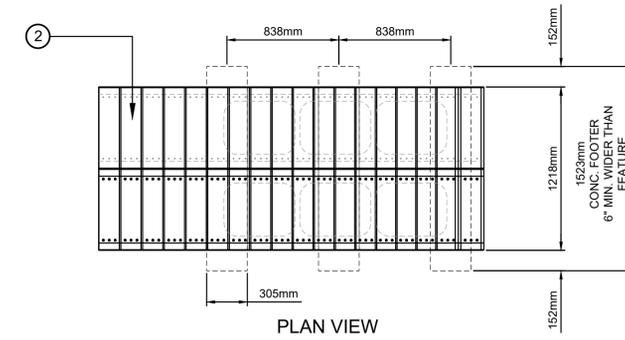
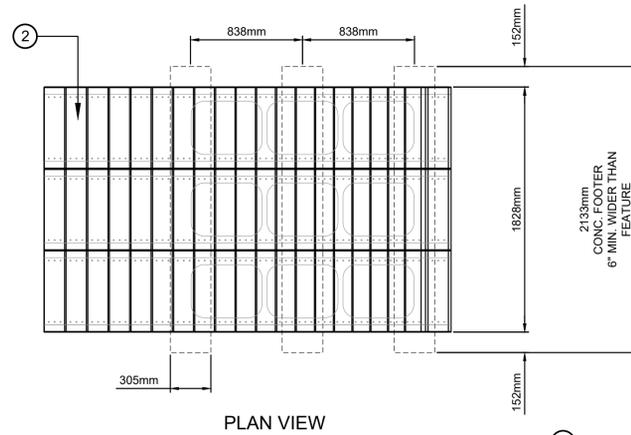
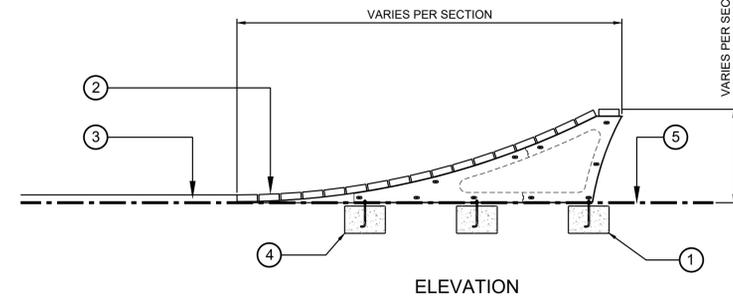
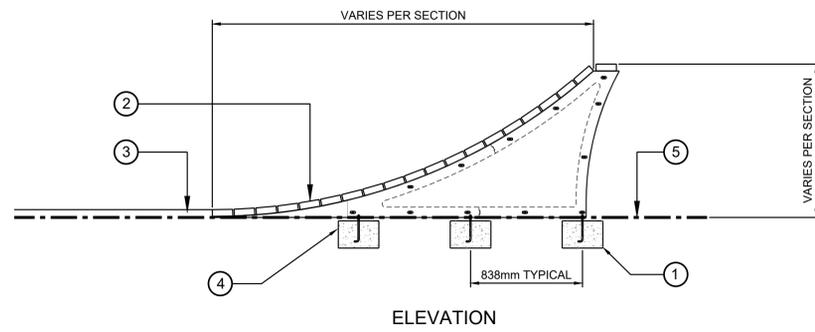
Approved: KR	Original Sheet Size: 24"x36"
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Scale:
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Drawing Title:
BIKE PARK DETAILS

VDZ Project #:
PR2021-03

Drawing #:
BD-01

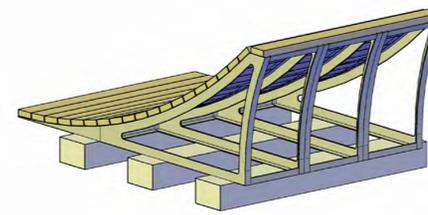
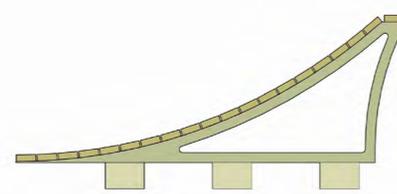
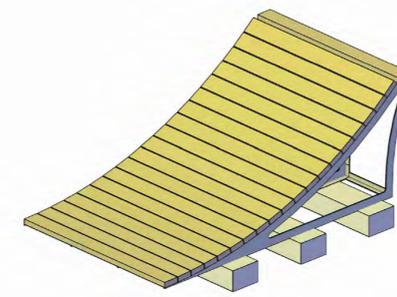
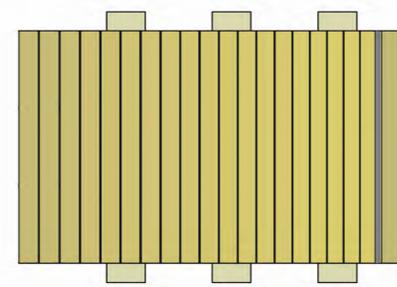
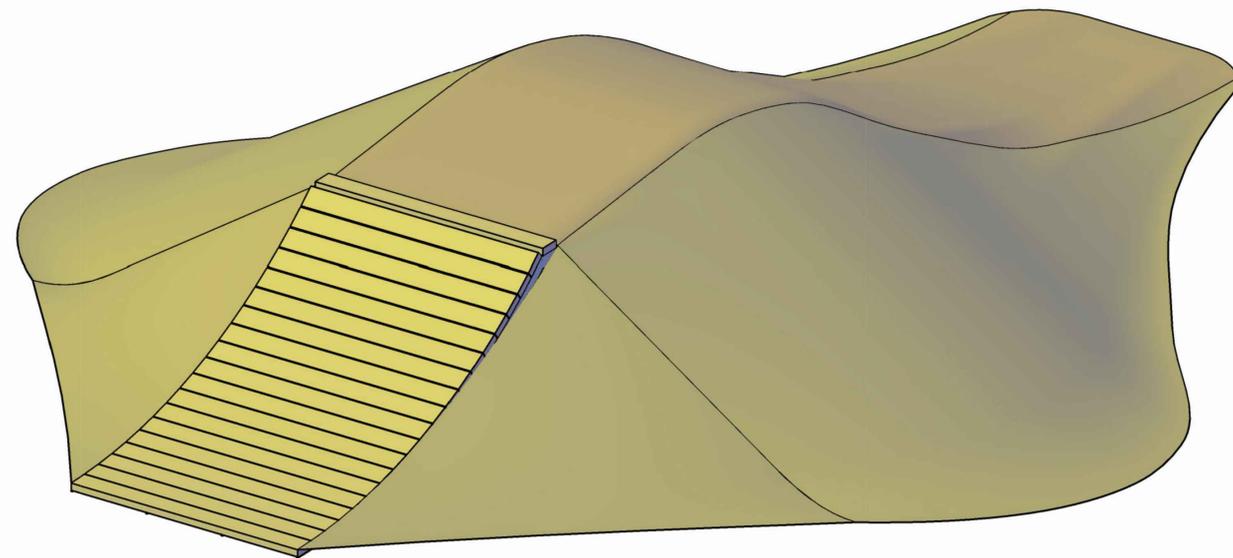


1 FULL WIDTH WOOD LIP JUMP NTS

2 HALF WIDTH WOOD LIP JUMP NTS

- 1 3/8" DIA. ANCHOR (12) MIN. FOR 6" WIDE KICKER RAMP
- 2 RIDING SURFACE 2X6 ROUGH CUT CEDAR, ENSURE PLANKS ARE FREE OF SLIVERS / SPLINTERS
- 3 TRAIL
- 4 CONCRETE FOOTING
- 5 FINISH GRADE

- 1 3/8" DIA. ANCHOR (12) MIN. FOR 6" WIDE KICKER RAMP
- 2 RIDING SURFACE 2X6 ROUGH CUT CEDAR, ENSURE PLANKS ARE FREE OF SLIVERS / SPLINTERS
- 3 TRAIL
- 4 CONCRETE FOOTING
- 5 FINISH GRADE



3 WOOD LIP JUMP PERSPECTIVE VIEW NTS

4 WOOD LIP JUMP CONSTRUCTION PERSPECTIVE VIEW NTS

No.	By:	Description	Date
3	MT	Issued for Tender	2022-04-04
2	MT	Issued for 90%	2022-03-07
1	MT	Issued for 50%	2022-01-16

No.	By:	Description	Date

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No.	By:	Description	Date

REVISIONS TABLE FOR SHEET
 Project: Mackenzie Bike Park
 Location: Lot 1 Plan PGP17067 District Lot 12463 Land District 05 Except Plan PGP18664 Rem. LOT 2. PLAN 24200
 Lot 2 Plan PGP24200 District Lot 12463 Land District 05 Except Plan 27125 EX PL 27125

Drawn: MS CL	Stamp:
Checked: DJ	Original Sheet Size: 24"x36"
Approved: KR	Scale: CONTRACTOR SHALL CHECK ALL DIMENSIONS ON THE WORK AND REPORT ANY DISCREPANCY TO THE CONSULTANT BEFORE PROCEEDING. ALL DRAWINGS AND SPECIFICATIONS ARE THE EXCLUSIVE PROPERTY OF THE OWNER AND MUST BE RETURNED AT THE COMPLETION OF THE WORK. ALL REVISIONS TO DRAWINGS MUST NOT BE PRICED FOR CONSTRUCTION UNLESS LABELED ISSUED FOR TENDER/CONSTRUCTION.

Drawing Title: BIKE PARK DETAILS

VDZ Project #: PR2021-03

Drawing #: BD-02

COUNCIL REPORT

To: Mayor and Council
From: Fire Department
Date: October 17, 2022
Subject: UBCM CEPF Grant Application

RECOMMENDATION:

THAT Council approves the application to the UBCM Community Emergency Preparedness Fund for \$30,000 towards Fire Department equipment;

AND THAT the Chief Administrative Officer be authorized to execute the grant application and, if the application is successful, any related documentation.

BACKGROUND:

The UBCM Community Emergency Preparedness Fund provides 100% grants up to \$30,000. The intent of this funding stream is to build the resiliency of volunteer and composite fire departments through the purchase of new or replacement equipment and to facilitate the delivery of training. Ongoing operational costs and the purchase of major fire apparatus are not eligible. The Mackenzie Fire Department intends to use the funding to purchase a new structural protection firefighting fire hose for the Sprinkler Protection Trailers.

BUDGETARY IMPACT:

The total project budget is \$33,000. If approved, the District would contribute \$3000 from the Fire Department Vehicle/Equipment Reserve.

If it is not approved, staff will review the scope and determine alternative funding options for this project.

COUNCIL PRIORITIES:

Community and Social Development

- Our investment in the municipality's services and infrastructure, our commitment to principles of social equity and well-being, and our belief in the value of resident engagement, creates a healthy community in which everyone feels valued and enjoys a high quality of life.



Respectfully Submitted,

A handwritten signature in black ink that reads "Jamie Guise".

Jamie Guise
Fire Chief

A handwritten signature in blue ink that reads "Kerri Borne".

Kerri Borne
Chief Financial Officer

A handwritten signature in black ink that reads "Diane Smith".

Approved for Submission to Council