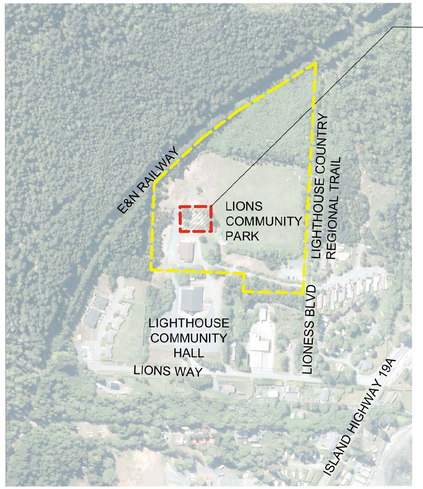
LIONS COMMUNITY PARK PLAYGROUND



1 PROJECT LOCATION
SCALE: NTS

LIONS COMMUNITY PARK PLAYGROUND
3048 LIONESS BLVD, ELECTORAL AREA H,
REGIONAL DISTRICT OF NANAIMO

PROJECT DESCRIPTION

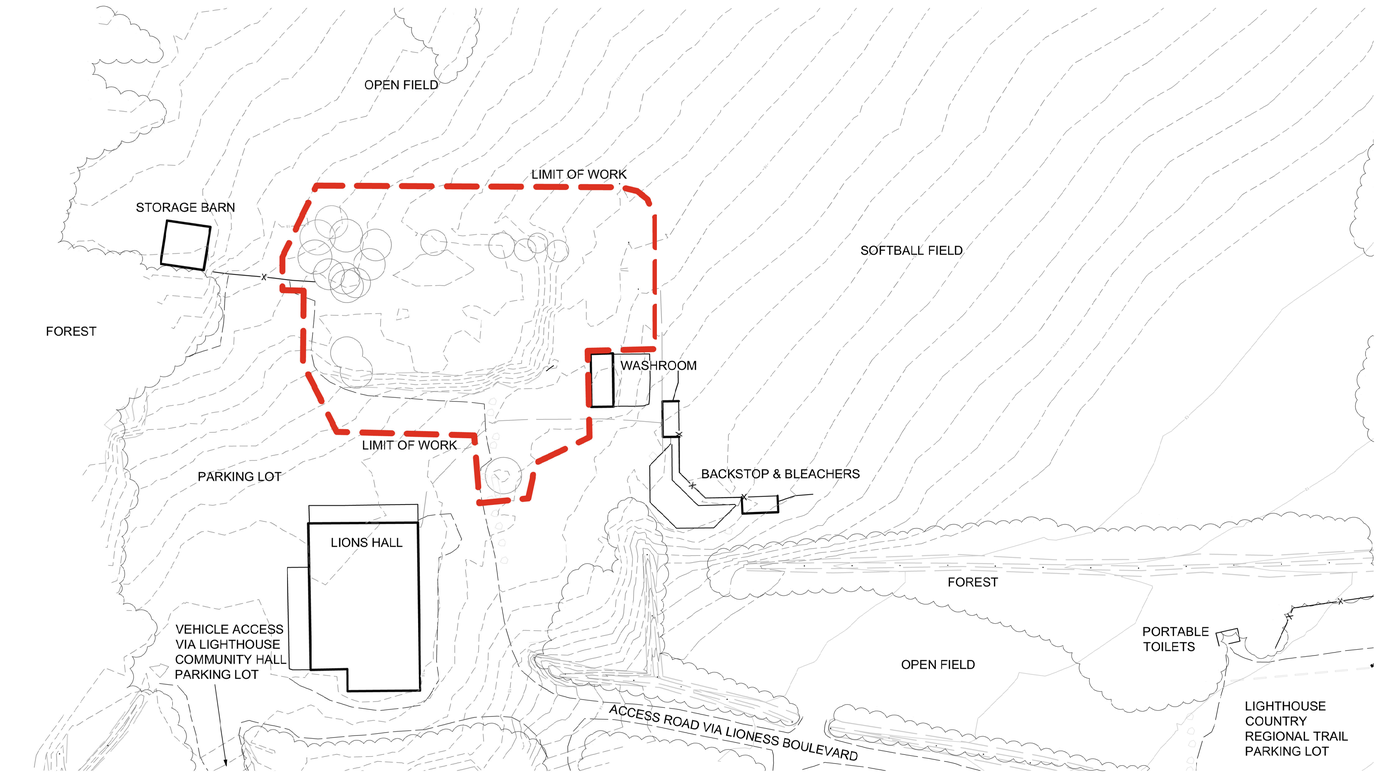
THE PROJECT CONSISTS OF PARK SITE IMPROVEMENTS FOR A NEW PLAYGROUND FACILITY AND SUPPORTING AMENITIES. THE PRIMARY WORK INCLUDES, BUT IS NOT LIMITED TO SUPPLY AND INSTALLATION OF: NEW PLAYGROUND EQUIPMENT (ONE STRUCTURE FOR AGES 5-12, ONE STRUCTURE FOR AGES 2-5, AND SWINGS), ENGINEERED WOOD FIBRE SAFETY SURFACING, ACCESSIBILITY RAMPS, GRAVEL PATHWAYS, ROCK BOULDER SEATWALLS, LOG SEATING / EDGING, PICNIC TABLES, BENCHES, TREE PLANTING, LANDSCAPE BERM, GENTLY SLOPING LAWN, LANDSCAPE BOULDERS, AND SPLIT RAIL FENCING. GENERAL SUPPORTING CIVIL WORKS INCLUDE BUT ARE NOT LIMITED TO: SITE GRADING AND EARTHWORKS, STOCKPILE EXCESS MATERIAL ON-SITE, PERIMETER GRASS SWALE, PERFORATED PIPE DRAINAGE FOR WOOD FIBRE PLAY AREAS, TIE-IN TO LAWN BASIN AND EXISTING DRAINAGE DITCH, CONCRETE WHEEL STOPS FOR PARKING AREA, AND MINOR MODIFICATION TO GRAVEL PARKING AREA.

DRAWING INDEX

PAGE NUMBER	SHEET NUMBER	DRAWING TITLE
1	T1.0	Cover Sheet
2	D1.0	Landscape Demolition Plan
3	L1.0	Site Materials Plan
4	L2.0	Grading Plan
5	L3.0	Details
6	L3.1	Details
7	L3.2	Details
8	L4.0	Planting Plan
9	L5.0	Planting Details

GENERAL NOTES

1. ALL MEASUREMENTS IN METRES UNLESS OTHERWISE NOTED.
2. ALL EXISTING UTILITIES TO BE IDENTIFIED BY THE CONTRACTOR PRIOR TO INITIATING CONSTRUCTION.
3. BASE INFORMATION INCLUDED IS FOR REFERENCE ONLY. ALL EXISTING FEATURES ARE TO BE VERIFIED PRIOR TO CONSTRUCTION.
4. THIS DRAWING AND DESIGN IS THE PROPERTY OF LANARC 2015 CONSULTANTS LTD. (LANARC) AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF LANARC. LANARC WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN, OR ANY CHANGES MADE TO THE DRAWING BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS, AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT LANARC'S PRIOR WRITTEN CONSENT.
5. DESIGNS, PLANS, AND RECOMMENDATIONS ARE PROVIDED FOR THE SPECIFIC PURPOSE INDICATED HEREIN AND MAY NEED TO BE MODIFIED DEPENDING ON ACTUAL FIELD CONDITIONS THAT MAY BE DISCOVERED DURING CONSTRUCTION. LANARC EXPRESSLY DENIES ANY RESPONSIBILITY FOR CONSTRUCTED WORKS THAT ARE SUBJECT TO SITE CONDITIONS THAT AFFECT THE INTEGRITY OF THE DESIGN.
6. LANARC HAS PREPARED THESE DRAWINGS IN A MANNER CONSISTENT WITH THAT LEVEL OF CARE AND SKILL ORDINARILY EXERCISED BY MEMBERS OF THE LANDSCAPE ARCHITECTURE PROFESSION CURRENTLY PRACTICING UNDER SIMILAR CONDITIONS IN THE JURISDICTION IN WHICH THE SERVICES ARE PROVIDED, SUBJECT TO THE TIME LIMITS AND PHYSICAL CONSTRAINTS APPLICABLE TO THE PROJECT.



2 SITE PLAN
SCALE: NTS

ABBREVIATIONS

APPROX.	APPROXIMATE
BC	BOTTOM OF CURB
BR	BOTTOM OF RAMP
BS	BOTTOM OF SLOPE
BW	BOTTOM OF WALL
CIP	CAST IN PLACE
CL	CENTER LINE
DIA	DIAMETER
FG	FINISH GRADE
FSC	FOREST STEWARDSHIP COUNCIL
EWF	ENGINEERED WOOD FIBRE
EXIST.	EXISTING
LP	LOW POINT
LSI	LANDSCAPE STRUCTURES INC.
MAX.	MAXIMUM
MIN.	MINIMUM
MMCD	MASTER MUNICIPAL CONSTRUCTION DOCUMENT
NTS	NOT TO SCALE
O.C.	ON CENTRE
RDN	REGIONAL DISTRICT OF NANAIMO
SPECS.	SPECIFICATIONS
SWDS	SIMPSON STRONG-TIE STRONG-DRIVE TIMBER SCREW
TC	TOP OF CURB
TS	TOP OF SLOPE
TW	TOP OF WALL
TYP	TYPICAL

PRELIMINARY
NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION	DRW	DES	CHK	RVW
03	11/07/22	100% DRAWING SET	SB	SB	KE	KE
02	24/06/22	95% DRAWING SET	SB	SB	KE	KE
01	13/06/22	70% DRAWING SET	SB	SB	KE	KE

SEAL / PERMIT

CLIENT
REGIONAL DISTRICT OF NANAIMO
RECREATION AND PARKS

CONSULTANT
LANARC

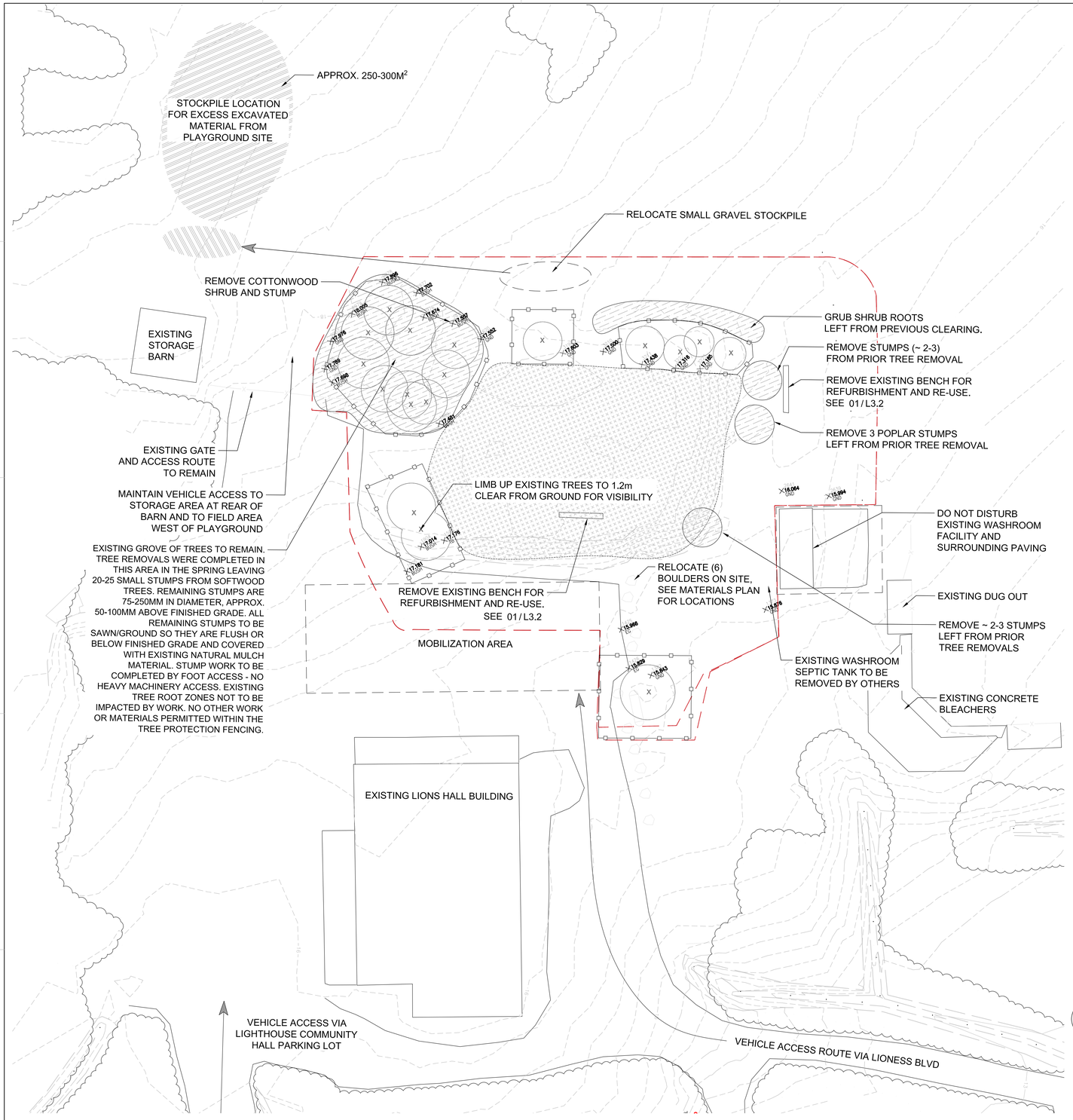
PROJECT ----/----
Lions Park Playground

TITLE
Cover Sheet

DRAWING No. T1.0

SHEET No. 1 OF 9

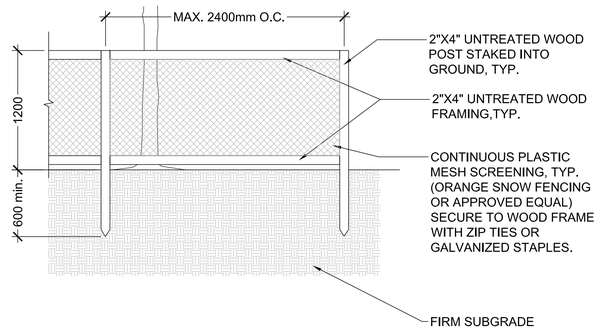
Drawing File: N:\Active\2022\2429 - NANRD - Lions Park Playground\CAD\Sheets\T1.0_Cover Sheet.dwg Layout:L0 - Cover Sheet July 5, 2022 11:11:04 AM By: Shelby



1 DEMOLITION PLAN
SCALE: 1:250

DEMOLITION NOTES & MOBILIZATION

1. CALL BC1 BEFORE YOU DIG: 1-800-474-6886
2. PROTECT ALL FACILITIES NOT IDENTIFIED FOR DEMOLITION INCLUDING, BUT NOT LIMITED TO: BURIED ELECTRICAL LINES, STORM SEWER LINES, TELEPHONE LINES, CATCH BASINS, TREES, FENCING, FURNITURE, ETC.
3. PROTECTION AND PRESERVATION OF EXISTING TREES INCLUDES, TRUNK, BRANCHES, CANOPY, AND SUBSURFACE ROOT ZONE. CONSTRUCTION WORK, INCLUDING ALL EQUIPMENT STORAGE, TO BE CLEAR OF ZONE OFFSET 1m FROM EXISTING DRIPLINES. EXISTING ROOTS ABOVE 25mm DIA. DISCOVERED WITHIN THE LIMIT OF WORK TO BE BROUGHT TO THE ATTENTION OF THE CONTRACT ADMINISTRATOR. APPROVED ROOT PRUNING TO BE CUT CLEANLY AS PER ISA STANDARDS.
4. CONTRACTOR RESPONSIBLE FOR REMOVING ANY FOOTING OR MATERIALS BELOW SURFACE FROM FORMER PLAYGROUND.
5. KEEP ALL WALKWAYS CLEAR AND FREE OF DEBRIS. ANY DAMAGE DURING CONSTRUCTION TO VEGETATED OR PAVED SURFACES TO REMAIN ARE TO BE REPAIRED TO THE SATISFACTION OF THE OWNER AT NO COST.
6. ANY ADDITIONAL ITEMS ARE TO BE IDENTIFIED FOR REMOVAL FROM SITE LEGALLY DISPOSED OF. RECYCLE ALL MATERIALS TO EXTENT POSSIBLE.
7. STOCK PILE LOCATIONS TO BE NO TALLER THAN 1.5M WITH A MAXIMUM SLOPE OF 4:1.
8. TOE OF STOCKPILE FILL SLOPE TO BE MIN. 2.0M FROM EDGE OF DRIPLINE OF EXISTING TREES.
9. THE PARK WILL BE OPEN DURING CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE TEMPORARY FENCING TO SECURE THE PROJECT SITE.



NOTES:

1. PRIOR TO CONSTRUCTION TAKING PLACE A PROTECTION FENCE SHALL BE INSTALLED ON THE SITE ACCORDING TO THE LAYOUT ON THE DRAWING ALONG THE EXISTING GRADE.
2. FENCING TO BE INSTALLED A MINIMUM OF 1M OFFSET FROM EXISTING DRIPLINE.
3. PRIOR TO THE INSTALLATION OF THIS FENCE, THE LAYOUT SHOULD BE REVIEWED BY THE CONTRACT ADMINISTRATOR.
4. 2"X4" TO BE USED FOR VERTICAL POSTS, TOP AND BOTTOM RAILS; ROUND UN-TREATED VERTICAL POSTS MAY BE USED WITH A MINIMUM DIA OF 90mm
5. SPACING BETWEEN VERTICAL POSTS TO BE NO FURTHER APART THAN 2.4M (8') O.C.
6. STRUCTURE MUST BE STURDY WITH VERTICAL POSTS DRIVEN FIRMLY INTO THE GROUND.
7. ATTACH SIGNAGE TO EACH TREE PROTECTION BARRIER. SIGNS TO BE WEATHER PROOF, 11"X17" MINIMUM SIZE. SIGNAGE TO INCLUDE THE FOLLOWING WORDING; "NO ENTRY. TREE PROTECTION AREA. NO GRADE CHANGE, STORAGE OF MATERIAL OR EQUIPMENT IS PERMITTED WITHIN THIS FENCED AREA. TREE PROTECTION BARRIER MUST REMAIN IN PLACE FOR THE DURATION OF CONSTRUCTION."

2 TREE PROTECTION FENCING
SCALE: 1:30

LEGEND

- LIMIT OF WORK
- PROPOSED TREE PROTECTION FENCING
- EXISTING PLAY SURFACING SAND AND BASE TO BE REMOVED AND STOCKPILED ON-SITE
- STUMP REMOVAL AREA
- PROPOSED STOCK PILE LOCATION
- x EXISTING TREE TO REMAIN AND BE PROTECTED IN PLACE WITH TREE PROTECTIVE FENCING

PRELIMINARY
NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION	DRW	DES	CHK	RVW
03	11/07/22	100% DRAWING SET	SB	SB	KE	KE
02	24/06/22	95% DRAWING SET	SB	SB	KE	KE
01	10/06/22	70% DRAWING SET	SB	SB	KE	KE

SEAL / PERMIT

CLIENT
REGIONAL DISTRICT OF NANAIMO
RECREATION AND PARKS

CONSULTANT
LANARC

PROJECT ##########
Lions Park Playground

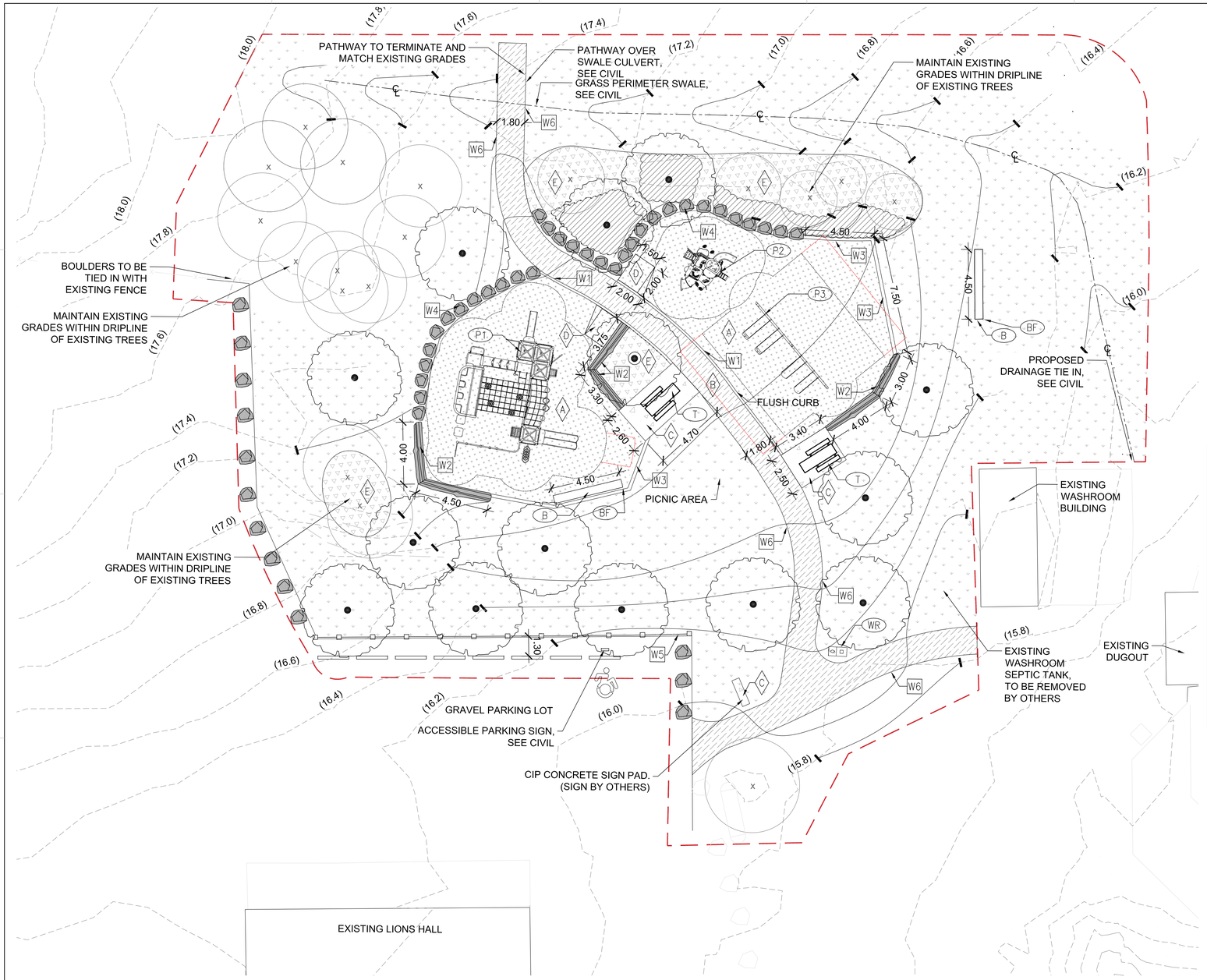
TITLE
Landscape Demolition Plan

DRAWING No. D1.0

SHEET No. 2 OF 9

0 1:250 10

Drawing File: N:\Active\2022\12439 - NANRD - Lions Park Playground\CAD\Sheets\D1.0_Landscape Demolition Plan.dwg Layout:L1.0 - Landscape Demolition Plan July 5, 2022 12:46:31 PM By: Shelby



GENERAL NOTES

1. PRIMARY REFERENCE: MASTER MUNICIPAL CONSTRUCTION DOCUMENT (MMCD) PLATINUM EDITION.
2. ALL MEASUREMENTS IN METRES UNLESS OTHERWISE NOTED.
3. INFORM THE PROJECT LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BETWEEN PLAN DETAILS AND IN-FIELD MEASUREMENTS. COMPLETION OF UNAUTHORIZED CHANGES MAY BE SUBJECT TO REJECTION.
4. REFER TO ENGINEERING DRAWINGS FOR U/G SERVICES LOCATIONS AND INFORMATION PRIOR TO LANDSCAPE IMPROVEMENTS. ALL EXISTING UTILITIES TO BE IDENTIFIED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION.
5. REFER TO CIVIL FOR ALL DRAINAGE, CIVIL WORKS AND DETAILS.
6. REFER TO LANDSCAPE STRUCTURES INC.(LSI) FOR ALL PLAY EQUIPMENT WORKS, FALL SAFETY ZONES, NO ENCROACHMENT ZONES AND DETAILS.
7. CONTRACTOR TO TEST AND CONFIRM NEW CONTAINED PLANTING AREAS HAVE POSITIVE AND FREE DRAINAGE. IF DRAINAGE PROBLEMS EXIST, ADDITIONAL MEASURES WILL BE REQUIRED PRIOR TO GROWING MEDIUM PLACEMENT AND PLANTING.
8. CONTRACTOR TO MAKE GOOD ALL CONSTRUCTION RELATED DAMAGE OUTSIDE THE LIMIT OF WORK.
9. CONTRACTOR WILL BE RESPONSIBLE FOR ESTABLISHMENT AND FIRST CUT OF HYDROSEED AFTER THE DATE OF NOTICE OF ACCEPTANCE (SUBSTANTIAL PERFORMANCE) ISSUED BY THE LANDSCAPE ARCHITECT.
10. END OF MAINTENANCE PERIOD: NOTIFY THE LANDSCAPE ARCHITECT TO SCHEDULE FINAL INSPECTION REVIEW. ONCE ALL DEFICIENCIES ARE RESOLVED AND THE NOTICE OF FINAL ACCEPTANCE (FINAL PERFORMANCE) HAS BEEN ISSUED BY THE LANDSCAPE ARCHITECT, MAINTENANCE RESPONSIBILITIES WILL BE ASSUMED BY THE OWNER.

PAVING / SURFACING SCHEDULE

SYMBOL	TYPE	FINISH/COLOUR/NOTES	DETAIL
A	ENGINEERED WOOD FIBRE PLAY SAFETY SURFACING		01 / L3.0
B	CRUSHED GRAVEL PATH		02 / L3.0
C	CIP CONCRETE PAD	LIGHT BROOM FINISH	04 / L3.1
D	CIP CONCRETE RAMP	EWF ACCESSIBILITY LET DOWN	06 / L3.0
E	BARK MULCH	FOR PLANTING AREAS	

EDGING / FENCE SCHEDULE

SYMBOL	TYPE	FINISH/COLOUR/NOTES	DETAIL
W1	CIP CONCRETE EDGING	LIGHT BROOM FINISH	03 / L3.0
W2	LOG EDGING	MILLED CEDAR LOG	04 / L3.0
W3	TIMBER EDGING	8"X8" CEDAR EDGING	03 / L3.1
W4	BOULDER EDGE	FLAT TOP BOULDERS	01 / L3.1
W5	SPLIT RAIL FENCE	YELLOW OR RED CEDAR	02 / L3.1
W6	PATH EDGING	BEND-A-BOARD	02 / L3.0

PLAY EQUIPMENT SCHEDULE

SYMBOL	ITEM	AGE
P1	LSI 'VENTI'	5 - 12
P2	LSI 'MOTION'	2 - 5
P3	LSI SWINGS (TWO BELT, ONE SEAT, ONE ACCESSIBLE)	ALL

SITE FURNISHINGS SCHEDULE

SYMBOL	ITEM	DESCRIPTION/NOTES	DETAIL
T	PICNIC TABLE	BLACK POWDER COAT WITH CEDAR BOARDS	02 / L3.2
B	BENCH	REFURBISHED EXISTING BENCHES	01 / L3.2
BF	BENCH FOOTING	CIP CONCRETE	04 / L3.2
WR	WASTE & RECYCLING RECEPTACLE		03 / L3.2

0 1:150 5

LEGEND

- LIMIT OF WORK
- EXISTING CONTOUR 0.2m INTERVAL, SEE GRADING PLAN
- PROPOSED CONTOUR, SEE GRADING PLAN
- CENTER LINE
- SAFETY FALL ZONE, SEE LSI DOCUMENTS
- NO ENCROACHMENT ZONE, SEE LSI DOCUMENTS
- EXISTING TREE, SEE PLANTING PLAN
- PROPOSED TREE, SEE PLANTING PLAN
- PLANTING AREA, SEE PLANTING PLAN
- SEEDED GRASS, SEE PLANTING PLAN
- BARK MULCH SURFACING, SEE PLANTING PLAN
- SPLIT RAIL FENCE, SEE 02 / L3.1
- LANDSCAPE BOULDER, SEE 05 / L3.0

PRELIMINARY
NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION	DRW	DES	CHK	RVW
03	11/07/22	100% DRAWING SET	SB	SB	KE	KE
02	24/06/22	95% DRAWING SET	SB	SB	KE	KE
01	13/06/22	70% DRAWING SET	SB	SB	KE	KE

SEAL / PERMIT

CLIENT
REGIONAL DISTRICT OF NANAIMO
RECREATION AND PARKS

CONSULTANT
LANARC

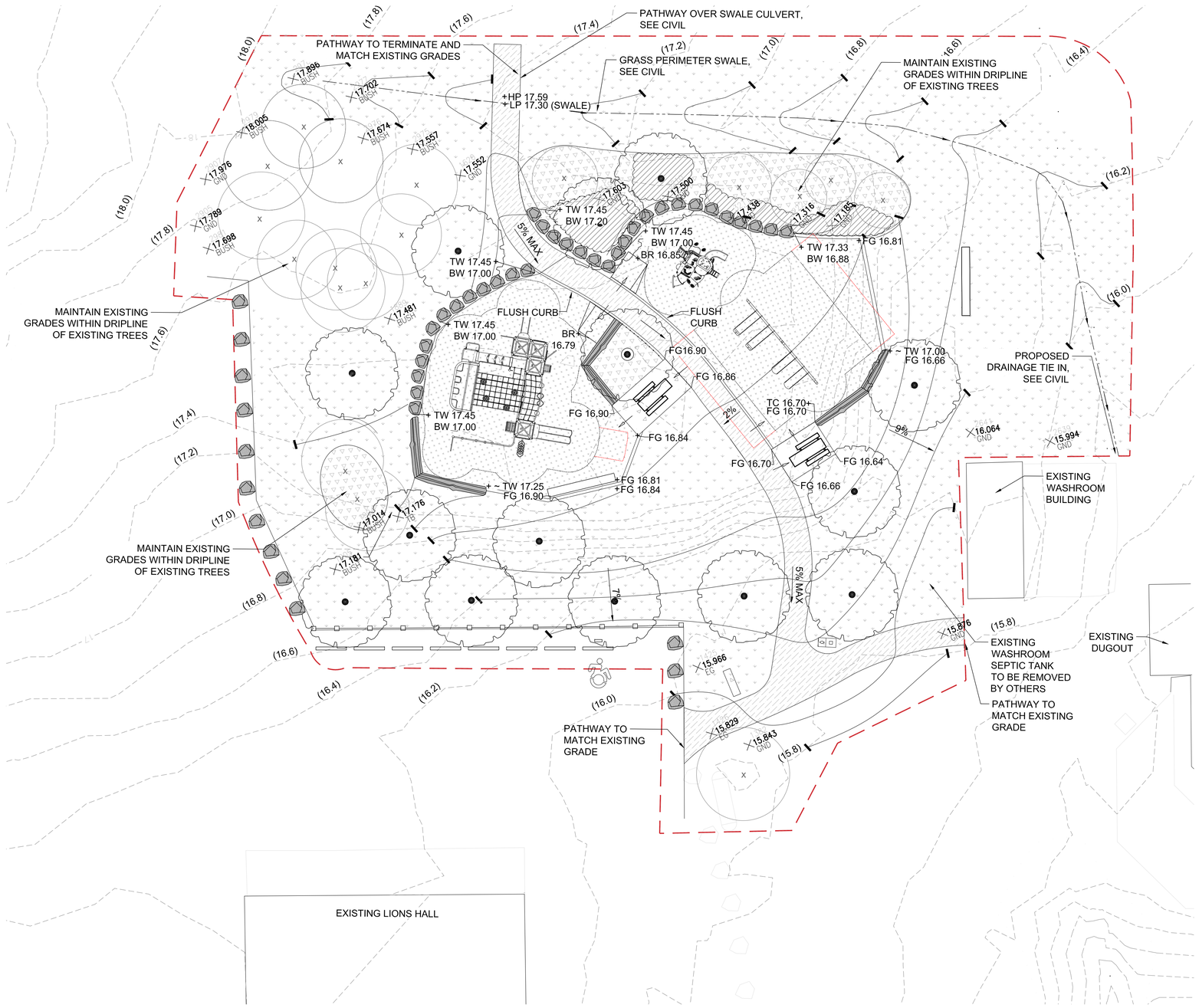
PROJECT ---/----
Lions Park Playground

TITLE
Site Materials Plan

DRAWING No. L1.0

SHEET No. 3 OF 9

Drawing File: N:\Active\2022\22429 - NANRD - Lions Park Playground\CAD\Sheets\L1.0_Site Materials Plan.dwg Layout:L1.0 - Landscape Materials Plan July 6, 2022 1:41:19 PM By: Shelby



GRADING NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL GRADES PRIOR TO CONSTRUCTION AND INFORM THE CONTRACT ADMINISTRATOR OF ANY DISCREPANCY BETWEEN THE GRADES SHOWN ON THE PLANS AND 'AS-BUILT' GRADES IN THE FIELD.
2. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PROPOSED CHANGES TO THE GRADING PLAN AND DRAINAGE SYSTEM PRIOR TO PROCEEDING WITH CONSTRUCTION.
3. ALL PAVING SURFACES AND PATHWAYS TO HAVE 2% CROSS SLOPE UNLESS OTHERWISE INDICATED.
4. PATHWAYS NOT TO EXCEED 5% LONGITUDINAL SLOPE.
5. ALL HARDSCAPE SURFACES SHALL SLOPE TO DRAIN. CONTRACTOR SHALL NOTIFY CONTRACT ADMINISTRATOR IF DESIGNED GRADING WILL RESULT IN PONDING.
6. TOP OF ALL WALLS TO SLOPE MIN. 2% FROM FRONT OF WALL TO BACK OF WALL.
7. REFER TO CIVIL DRAWING FOR DRAINAGE AND SUBSURFACE INFORMATION.
8. MAX SLOPE OF 3:1 FOR ALL LAWN AREAS.
9. MAINTAIN EXISTING GRADES WITHIN DRIPLINE OF EXISTING TREES.

GRADING LEGEND

+3.03	SPOT ELEVATION
TW/BW	TOP OF WALL/BOTTOM OF WALL
TC/BC	TOP OF CURB/BOTTOM OF CURB
TS/BS	TOP OF SLOPE/BOTTOM OF SLOPE
FG	FINISH GRADE
BR	BOTTOM OF RAMP
	INDICATES DIRECTION OF PROPOSED DRAINAGE
	INDICATES FLUSH TRANSITION BETWEEN ADJACENT SURFACES
17.014 BUSH	EXIST. SPOT ELEVATION (TYP)
HP/LP	HIGH POINT/LOW POINT
	EXISTING CONTOUR 0.2m INTERVAL
	PROPOSED CONTOUR
℄	CENTER LINE

LEGEND

- LIMIT OF WORK
- SAFETY FALL ZONE, SEE LSI DOCUMENTS
- NO ENCROACHMENT ZONE, SEE LSI DOCUMENTS
- EXISTING TREE, SEE PLANTING PLAN
- PROPOSED TREE, SEE PLANTING PLAN
- PLANTING AREA, SEE PLANTING PLAN
- SEEDED GRASS, SEE PLANTING PLAN
- BARK MULCH SURFACING, SEE PLANTING PLAN
- SPLIT RAIL FENCE, SEE 02 / L3.1
- LANDSCAPE BOULDER, SEE 05 / L3.0

PRELIMINARY
NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION	DRW	DES	CHK	RVW
03	11/07/22	100% DRAWING SET	SB	SB	KE	KE
02	24/06/22	95% DRAWING SET	SB	SB	KE	KE
01	13/06/22	70% DRAWING SET	SB	SB	KE	KE

SEAL / PERMIT

CLIENT
REGIONAL DISTRICT OF NANAIMO
RECREATION AND PARKS

CONSULTANT
LANARC

PROJECT
Lions Park Playground

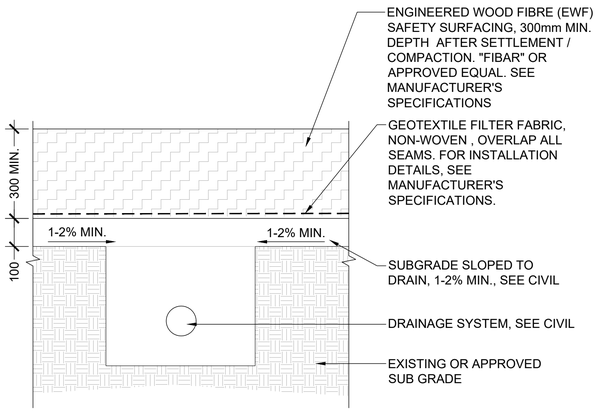
TITLE
Grading Plan

DRAWING No. L2.0

SHEET No. 4 OF 9

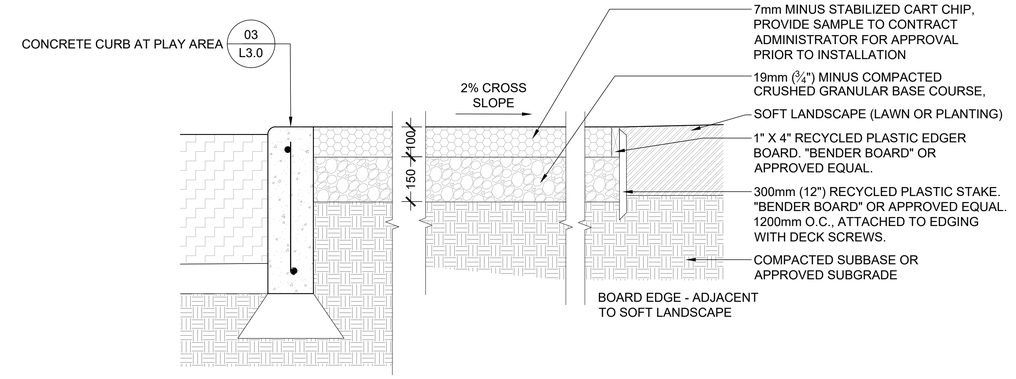
0 1:150 5

Drawing File: N:\Active\2022\2-2429 – NANRD – Lions Park Playground\CAD\Sheets\L2.0_Grading Plan.dwg Layout:L2.0 – Grading Plan July 5, 2022 11:04:40 AM By: Shelby



01 ENGINEERED WOOD FIBRE SAFETY SURFACING

SCALE: 1:10



02 GRAVEL PATHWAY

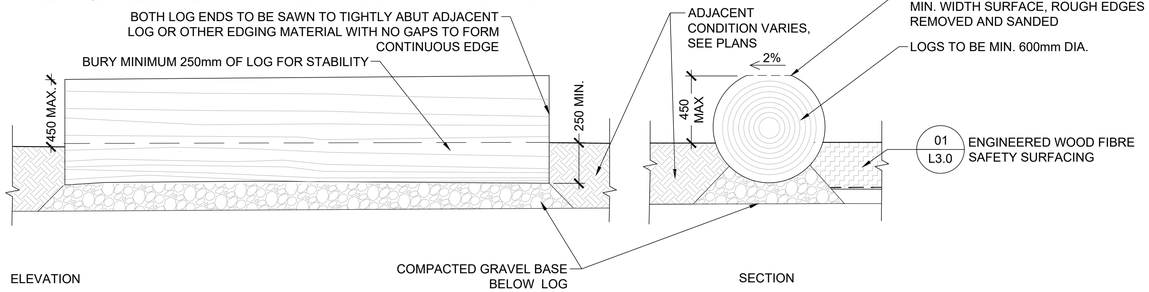
SCALE: 1:10

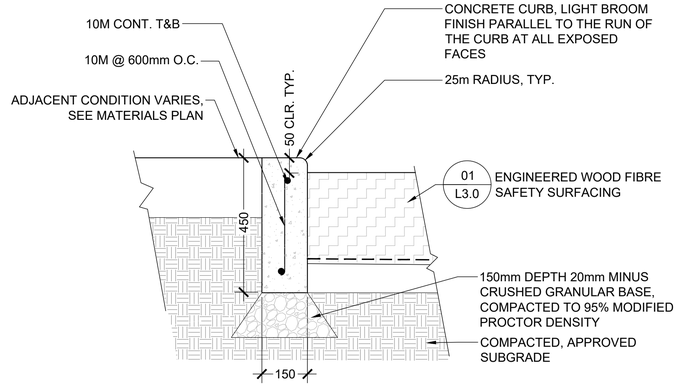
NOTES:

1. LOGS TO BE LOCALLY SOURCED BY CONTRACTOR.
2. LOGS TO BE RED OR YELLOW CEDAR.
3. LOGS TO BE PRESSURE WASHED, STRIPPED, ALL ROUGH SURFACES AND SHARP EDGES SANDED.
4. LOGS SHALL HAVE NO PINCH POINTS OR ENTRAPMENT AREAS.
5. LOG SOURCE AND SAMPLE PHOTOS TO BE SUBMITTED TO CONTRACT ADMINISTRATOR FOR APPROVAL PRIOR TO TRANSPORT.
6. CONTRACTOR TO LAY OUT THE LOGS IN THEIR APPROXIMATE LOCATION (AS PER PLAN) FOR REVIEW AND APPROVAL BY THE CONTRACT ADMINISTRATOR AFTER THEY HAVE BEEN PLACED.
7. LOG MITRE JOINTS TO BE CONNECTED BY COUNTERSUNK FASTENERS.
8. FASTENERS TO BE SIMPSON STRONG-TIE STRONG-DRIVE TIMBER SCREW (SDWS), 6mm DIA X 254mm (10") LENGTH, DOUBLE BARRIER COATING. TO BE COUNTERSUNK FOR MITRE JOINTS.



REFERENCE IMAGE



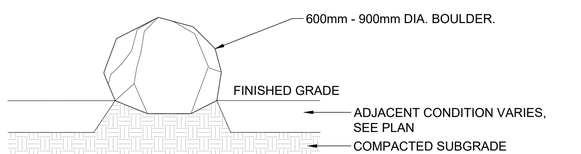


03 CONCRETE CURB AT PLAY AREA

SCALE: 1:10

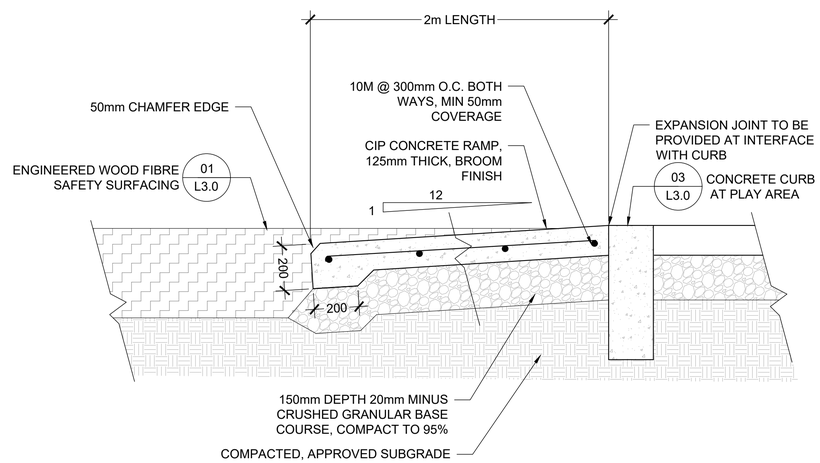
NOTES:

1. BOULDERS SHOULD BE LOCALLY SOURCED WHERE POSSIBLE.
2. BOULDER SOURCE AND SAMPLE PHOTOS TO BE SUBMITTED TO CONTRACT ADMINISTRATOR FOR APPROVAL PRIOR TO TRANSPORT.
3. FINAL SELECTION AND ARRANGEMENT OF BOULDERS TO BE APPROVED BY CONTRACT ADMINISTRATOR.
4. BOULDERS TO HAVE NATURAL (ROUNDED) APPEARANCE.
5. SEE SITE MATERIALS PLAN FOR LOCATIONS AND SPACING.



05 BOULDER IN LANDSCAPE

SCALE: 1:20



04 LOG EDGING

SCALE: 1:20

06 CONCRETE PLAY RAMP

SCALE: 1:10

PRELIMINARY
NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION	DRW	DES	CHK	RVW
03	11/07/22	100% DRAWING SET	SB	SB	KE	KE
02	24/06/22	95% DRAWING SET	SB	SB	KE	KE
01	13/06/22	70% DRAWING SET	SB	SB	KE	KE

SEAL / PERMIT

CLIENT
REGIONAL DISTRICT OF NANAIMO
RECREATION AND PARKS

CONSULTANT
LANARC

PROJECT ----/----
Lions Park Playground

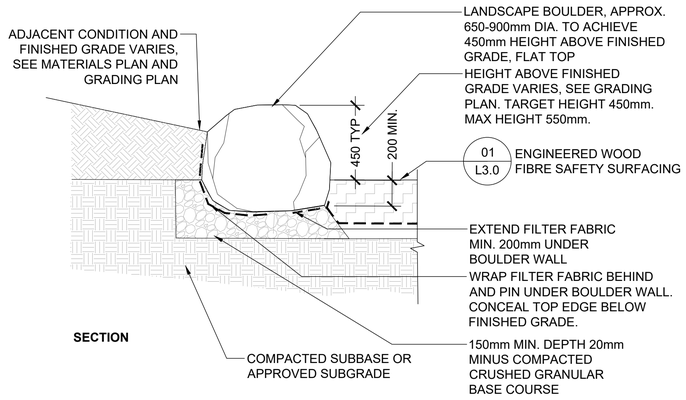
TITLE
Details

DRAWING No. L3.0

SHEET No. 5 OF 9

Drawing File: N:\Active\2022\2X429 – NANRD – Lions Park Playground\CAD\Sheets\L3.0_Details.dwg Layout:L3.0 – Details July 5, 2022 11:06:14 AM By: Shelby

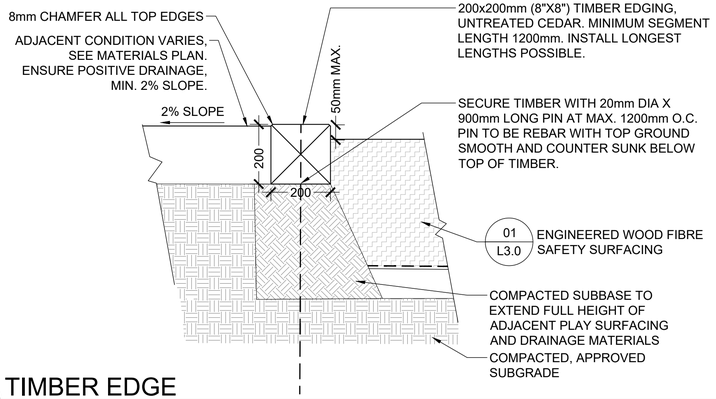
NOTES:
1. BOULDERS TO BE LOCALLY SOURCED.
2. BOULDER SOURCE AND SAMPLE PHOTOS TO BE SUBMITTED TO CONTRACT ADMINISTRATOR FOR APPROVAL PRIOR TO TRANSPORT.
3. FINAL SELECTION AND ARRANGEMENT OF BOULDERS TO BE APPROVED BY CONTRACT ADMINISTRATOR.
4. MEASUREMENTS SHOULD BE TAKEN ON-SITE TO INFORM BOULDER SELECTION NEEDED.
5. SURPLUS BOULDERS SHOULD BE AVAILABLE ON-SITE FOR BEST SELECTION AND FITTING WITH ON-SITE CONDITIONS.
6. BOULDERS TO BE BURIED 200mm MINIMUM FOR STABILITY AND NATURAL APPEARANCE.
7. BOULDERS TO BE TIGHT FITTING, WITH GAPS BETWEEN BOULDERS NO LARGER THAN 50mm.
8. ALL VOID SPACES TO BE FILLED WITH CLEAR CRUSHED AGGREGATE.
9. ALL ROCKS TO BE STRUCTURALLY SOUND, FREE OF ANY SPALLING, CRACKS OR CREVICES, FREE OF EXPOSED SHARP EDGES.



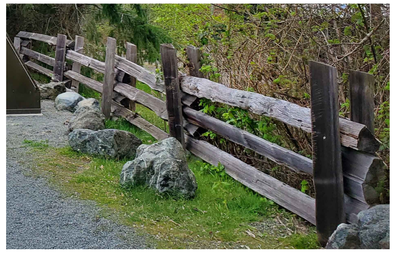
01 BOULDER WALL
SCALE: 1:20

NOTES:

1. TIMBER SHALL BE SECURED WITH A MINIMUM OF TWO (2) 20mm DIA. X 900mm REBAR AT MAX.: 1200mm O.C., 600mm FROM TIMBER JOINTS, AND 200mm FROM END OF TIMBER EDGE.
2. TIMBER TO BE UNTREATED RED OR YELLOW CEDAR, #1 OR BETTER.
3. TIMBER EDGING TO HAVE FLUSH AND TIGHT TRANSITIONS TO ADJACENT MATERIALS, NO GAPS.



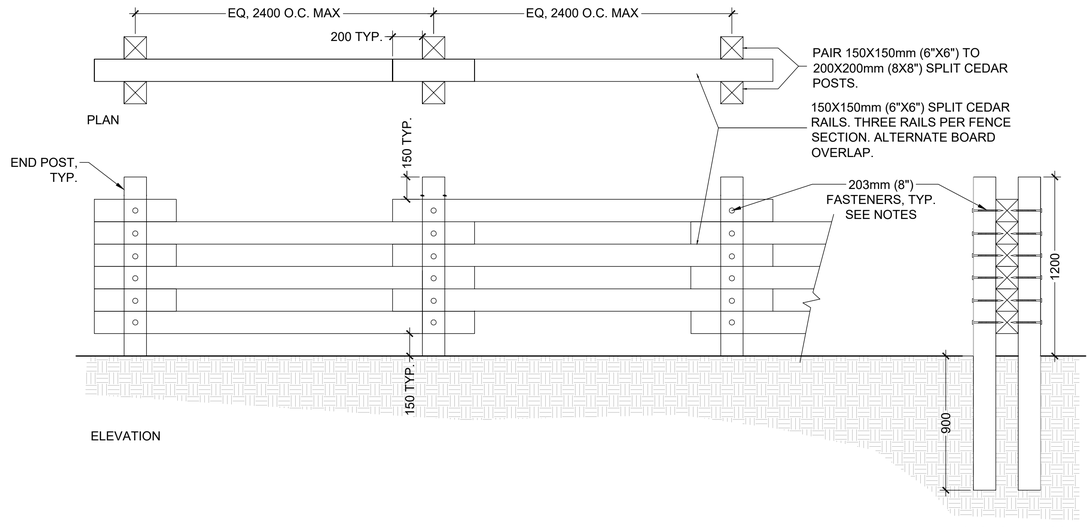
03 TIMBER EDGE
SCALE: 1:10



REFERENCE IMAGE

NOTES:

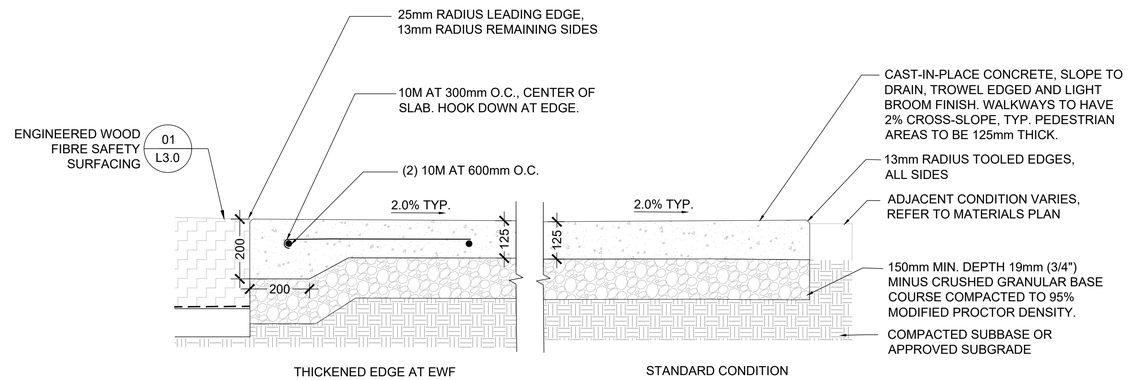
1. ALL WOOD TO BE CEDAR.
2. WOOD TO BE STRIPPED, NO BARK, STRUCTURALLY SOUND, NO SIGNS OF ROT OR DECAY.
3. FASTENERS FOR RAILS TO BE SIMPSON STRONG-TIE STRONG-DRIVE TIMBER SCREW (SDWS) 6mm DIA. X 203mm (8") LENGTH, DOUBLE BARRIER COATING.
4. ALL RAILS TO BE SCREWED TO POST.



02 SPLIT RAIL FENCE
SCALE: 1:20

NOTES:

1. FOR BASE, SUB-BASE & CONCRETE INSTALLATION, AND CONTROL JOINTS, REFER TO MMCD PLATINUM EDITION SPECIFICATIONS.



04 CIP CONCRETE PAD
SCALE: 1:10

PRELIMINARY
NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION	DRW	DES	CHK	RVW
03	11/07/22	100% DRAWING SET	SB	SB	KE	KE
02	24/06/22	95% DRAWING SET	SB	SB	KE	KE
01	13/06/22	70% DRAWING SET	SB	SB	KE	KE

SEAL / PERMIT

CLIENT
REGIONAL DISTRICT OF NANAIMO
RECREATION AND PARKS

CONSULTANT
LANARC

PROJECT ----/----
Lions Park Playground

TITLE
Details

DRAWING No. L3.1

SHEET No. 6 OF 9

Drawing File: N:\Active\2022\22429 - NANRD - Lions Park Playground\CAD\Sheet\L3.1_Details.dwg Layout:L3.1 - Details July 5, 2022 11:07:47 AM By: Shelby



ELEVATION



SIDE



CLOSE-UP

NOTES:

1. TWO EXISTING BENCHES TO BE DISASSEMBLED AND REFURBISHED FOR INSTALLATION ON-SITE. SEE MATERIALS PLAN FOR LOCATIONS.
2. CONCRETE BASE STRUCTURES (3 PER BENCH) TO BE PRESSURE WASHED.
3. WOOD MEMBERS TO BE REPLACED.
4. ALL NEW WOOD TO BE CLEAR #1 WESTERN REDCEDAR OR YELLOW CEDAR, FSC CERTIFIED.
5. WOOD MEMBERS TO HAVE EDGES EASED, SANDED ON ALL SIDES
6. ALL HARDWARE AND FASTENINGS TO BE REPLACED WITH NEW, STAINLESS STEEL.
7. FOR FOOTING, SEE 04 / L3.2

BENCH DIMENSIONS:

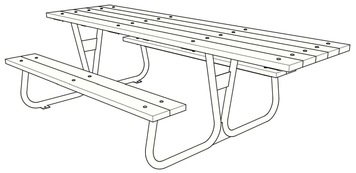
BENCH SEAT:
- DEPTH (FRONT EDGE TO CONCRETE UPRIGHTS) = 450mm (18")
- (3) WOOD MEMBERS
- WOOD BOARDS PRE-DRILLED IN (3) LOCATIONS FOR COUNTER-SINKING ATTACHMENT POINTS TO CONCRETE BASE
- WOOD BOARDS FINISHED DIMENSIONS = 52-75mm (2.75-3") THICK X 152mm (6") HEIGHT
- SEAT HEIGHT FROM GROUND = 450mm (18")
- LENGTH = 4.8-5.2M (16-17')

BENCH BACK:
- HEIGHT FROM SEAT TO TOP OF BACK = 450mm (18")
- (2) WOOD MEMBERS
- WOOD BOARDS PRE-DRILLED IN (3) LOCATIONS EACH FOR COUNTER SINKING ATTACHMENT POINTS TO CONCRETE BASE
- WOOD BOARDS FINISHED DIMENSIONS = 52-75mm (2.75-3") THICK X 152mm (6") HEIGHT
- LENGTH = 4.8-5.2M (16-17')

01 REFURBISHED BENCH

SCALE: 1:20





NOTES:

MANUFACTURER: WISHBONE SITE FURNISHINGS LTD. (www.wishboneltd.com)

MODEL: PLPTWC-86 (PIPELINE PICNIC TABLE ACCESSIBLE EXTENSION)

DETAILS:
- BLACK POWDER COAT FRAME
- 2X6 CEDAR BOARDS
- SURFACE MOUNT ON CONCRETE

REFER TO MANUFACTURER'S SPECIFICATIONS FOR INSTALLATION AND FURTHER INFORMATION.

02 PIPELINE PICNIC TABLE ACCESSIBLE EXTENSION

SCALE: 1:20

NOTES:

MANUFACTURER: HAUL ALL EQUIPMENT LTD.
DEALER: ROLLINS MACHINERY LTD.
CONTACT: GRANT MCAULEY 250-248-7931

MODEL: SP-HBIIS-PR (STANDARD HID-A-BAG II CONTAINER)

DETAILS:
- STANDARD RECEPTACLE FOR THE REGIONAL DISTRICT OF NANAIMO
- COMPLETE WITH DECALS
- COMPLETE WITH TWO 8" RESTRICTOR PLATES
- INCLUDING CONCRETE BASE FOR SURFACE MOUNT INSTALLATION



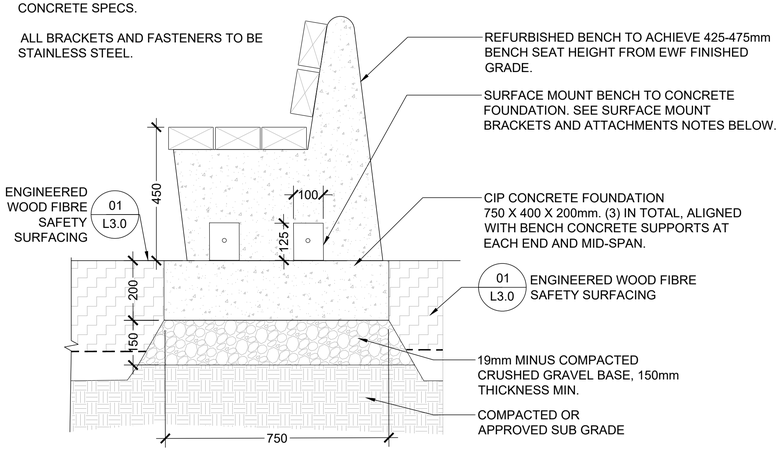
REFERENCE IMAGE

03 WASTE & RECYCLING RECEPTACLE

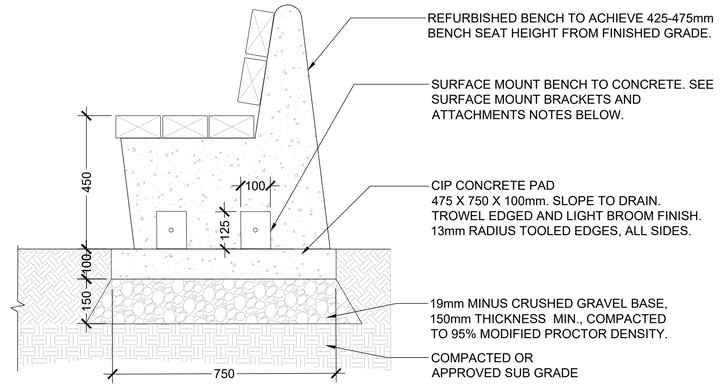
SCALE: 1:20

NOTES:

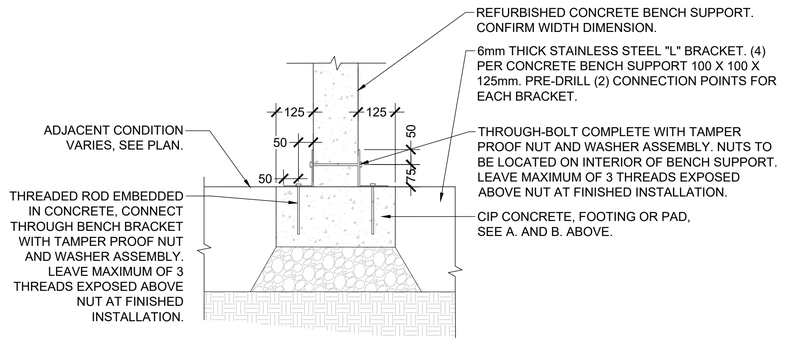
1. REFER TO MMCD FOR CONTROL JOINTS AND CONCRETE SPECS.
2. ALL BRACKETS AND FASTENERS TO BE STAINLESS STEEL.



A. CONCRETE FOOTING IN EWF



B. CONCRETE PAD IN LAWN



SECTION

C. SURFACE MOUNT BRACKETS AND ATTACHMENTS

04 BENCH FOOTING

SCALE: 1:10

PRELIMINARY
NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION	DRW	DES	CHK	RVW
03	11/07/22	100% DRAWING SET	SB	SB	KE	KE
02	24/06/22	95% DRAWING SET	SB	SB	KE	KE
01	13/06/22	70% DRAWING SET	SB	SB	KE	KE

SEAL / PERMIT

CLIENT
REGIONAL DISTRICT OF NANAIMO
RECREATION AND PARKS

CONSULTANT
LANARC

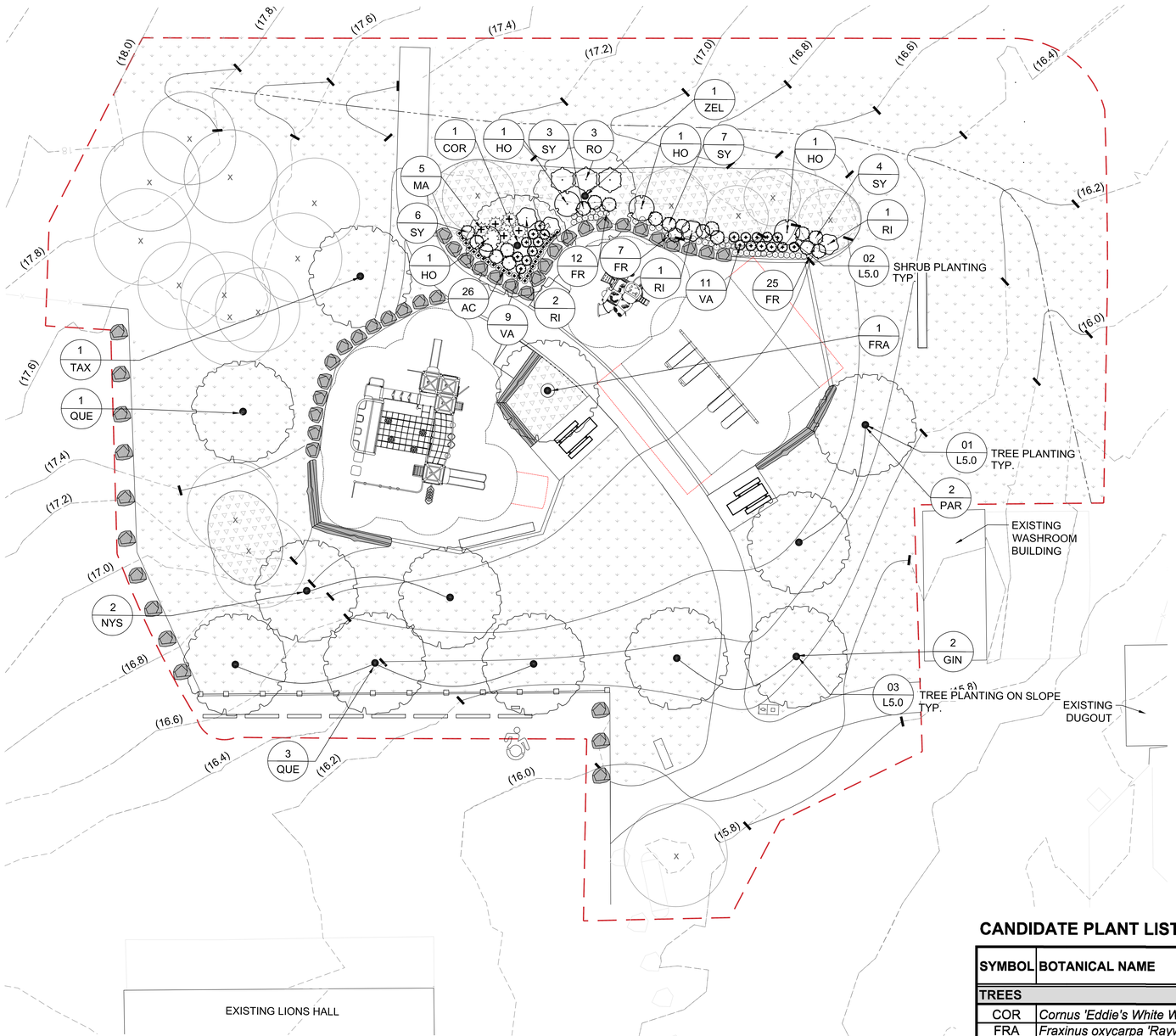
PROJECT ----/----
Lions Park Playground

TITLE
Details

DRAWING No. L3.2

SHEET No. 7 OF 9

Drawing File: N:\Active\2022\12429 – NANRD – Lions Park Playground\CAD\Sheets\L3.2_Details.dwg Layout:L3.2 – Details July 5, 2022 11:09:00 AM By: Shelby



PLANTING NOTES

GENERAL PLANTING NOTES:

1. CHECK FOR LOCATIONS OF WATER LINES AND ANY OTHER U/G SERVICES PRIOR TO DIGGING.
2. TRANSPORT AND HANDLING OF PLANT MATERIALS TO BCNTA/BCSLA LANDSCAPE STANDARDS.
3. ENSURE AVAILABILITY AND SOURCE OF PLANT LIST MATERIALS AT LEAST 2 WEEKS PRIOR TO ANTICIPATED PLANTING TIME.
4. INSPECT ALL ASSEMBLED PLANT MATERIAL UPON ARRIVAL ON SITE, PRIOR TO INSTALLATION.
5. NO PLANTS REQUIRING PRUNING OF MAJOR BRANCHES DUE TO DISEASE, DAMAGE OR POOR FORM WILL BE ACCEPTED.
6. ALL CALIPRE-STOCK TREES SHALL BE B&B IN WIRE BASKETS OR IN CONTAINERS. BAG-GROWN TREES WILL NOT BE ACCEPTED.
7. THE LAYOUT OF ALL APPROVED PLANT MATERIAL SHALL BE IN ACCORDANCE WITH THE CONTRACT DRAWINGS. FINAL LAYOUT IS TO BE VERIFIED BY THE CONTRACT ADMINISTRATOR.
8. FOR HYDROSEEDING REQUIREMENTS, REFER TO SPECIFICATIONS.
9. PLANTING TECHNIQUES AS PER SPECIFICATIONS.

GROWING MEDIUM NOTES:

1. GROWING MEDIUM TO MEET THE PHYSICAL AND CHEMICAL PROPERTIES DEFINED IN THE PROJECT SPECIFICATIONS FOR LEVEL 2 "GROOMED" AREAS.
2. PRIOR TO PROCUREMENT, INFORM CONTRACT ADMINISTRATOR OF NAME OF GROWING MEDIUM SUPPLIER AND LOCATION OF STOCKPILE FOR INSPECTION.
3. (2) ROUNDS OF SOIL TESTING WILL BE REQUIRED AT THE CONTRACTOR'S EXPENSE: (1) PRIOR TO INSTALLATION OF GROWING MEDIUM TO IDENTIFY SUITABILITY AND AMENDMENT REQUIREMENTS; AND (1) AT SUBSTANTIAL PERFORMANCE TO CONFIRM QUALITY OF INSTALLED GROWING MEDIUM.
4. FOR SOIL TEST(S): SUBMIT 4 LITRE SAMPLE(S) OF PROPOSED GROWING MEDIUM TO PACIFIC SOILS ANALYSIS INC. LABORATORY IN BURNABY (604) 273-8226. INDICATE TO LAB THAT THE PURPOSE OF ANALYSIS AND AMENDMENT RECOMMENDATIONS ARE FOR 1) TREE AND SHRUB PLANTING; AND 2) HYDROSEEDED LAWN AREAS. ANALYSIS SHOULD INCLUDE ALL PROPERTIES LISTED IN THE PROJECT SPECIFICATIONS.
5. THE SOIL SAMPLES AT SUBSTANTIAL PERFORMANCE, ALONG WITH THE AMENDMENT RECOMMENDATIONS FROM THE SOILS LAB, SHALL BE THE BASIS FOR ACCEPTANCE OF THE GROWING MEDIUM.
6. MINIMUM COMPACTED GROWING MEDIUM DEPTHS: GRASS AREAS 150mm; AND SHRUB BEDS 450mm.

PLANTING MULCH NOTES:

1. BARK MULCH DEPTH SHALL BE 75mm (3") AFTER SETTLING.
2. PROVIDE MULCH OVER ALL PLANTING AREAS EXCEPT SEEDED AREAS.
3. TO BE NATURALLY DARK BROWN BARK MULCH AND FREE OF WOOD STICKS, STONES, ROOTS, AND OTHER DELETERIOUS MATERIAL.
4. SAMPLE TO BE PROVIDED TO THE CONTRACT ADMINISTRATOR FOR APPROVAL PRIOR TO INSTALLATION.

BARK MULCH SURFACING NOTES:

1. BARK MULCH DEPTH SHALL BE 75mm (3") AFTER SETTLING.
2. TO BE PROVIDED AS TRAIL-TYPE SURFACING FOR OUTLYING AREAS, SEE PLAN FOR LOCATIONS. NOT INTENDED FOR PLANTING AREAS OR AS SAFETY SURFACING.
3. TO BE FREE OF DUST OR FINES, STONES, ROOTS, AND OTHER DELETERIOUS MATERIAL.
4. SAMPLE TO BE PROVIDED TO THE CONTRACT ADMINISTRATOR FOR APPROVAL PRIOR TO INSTALLATION.

HYDROSEEDING NOTES:

1. SEE MMCD FOR HYDROSEED SPECIFICATIONS.
2. SEED MIXTURE TO BE DROUGHT TOLERANT. SEED MIXTURE COMPOSITION AND DETAILS TO BE SUBMITTED TO CONTRACT ADMINISTRATOR FOR REVIEW AND APPROVAL.
3. SEED MIXTURE TO BE INSTALLED AT RATES AS RECOMMENDED BY THE SEED SUPPLIER.
4. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHMENT OF ALL AREAS HYDROSEEDED, AND FOR THE FIRST MOVING.

CANDIDATE PLANT LIST - LIONS COMMUNITY PARK PLAYGROUND

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY
TREES				
COR	*Cornus 'Eddie's White Wonder'*	Eddie's White Wonder Dogwood	6 cm Cal.	1
FRA	*Fraxinus oxycarpa 'Raywood'*	Raywood Ash	6 cm Cal.	1
GIN	*Ginkgo biloba*	Ginkgo	6 cm Cal.	2
NYS	*Nyssa sylvatica 'Wildfire'*	Wildfire Black Gum	6 cm Cal.	2
PAR	*Parrotia persica 'Vanessa'*	Persian Ironwood	6 cm Cal.	2
QUE	*Quercus macrocarpa*	Bur Oak	6 cm Cal.	4
TAX	*Taxodium distichum*	Bald Cypress	6 cm Cal.	1
ZEL	*Zelkova serrata 'Green Vase'*	Green Vase Zelkova	6 cm Cal.	1
SHRUBS & GROUNDCOVERS				
AC	*Arctostaphylos uva ursi 'Vancouver Jade'*	Vancouver Jade Kinnikinnick	#1 Pot	26
FR	*Fragaria chiloensis*	Beach Strawberry	#1 Pot	44
HO	*Holodiscus discolor*	Oceanspray	#1 Pot	3
MA	*Mahonia aquifolium 'Compacta'*	Compact Oregon Grape	#1 Pot	5
RI	*Ribes sanguineum 'King Edward VII'*	King Edward Flowering Currant	#1 Pot	4
RO	*Rosa nutkana*	Nootka Rose	#1 Pot	3
SY	*Symphoricarpos albus*	Snowberry	#1 Pot	20
VA	*Vaccinium ovatum*	Evergreen Huckleberry	#1 Pot	20

0 1:150 5

LEGEND

- LIMIT OF WORK
- EXISTING CONTOUR 0.2m INTERVAL, SEE GRADING PLAN
- PROPOSED CONTOUR, SEE GRADING PLAN
- CENTER LINE
- SAFETY FALL ZONE, SEE LSI DOCUMENTS
- NO ENCROACHMENT ZONE, SEE LSI DOCUMENTS
- EXISTING TREE, SEE PLANTING PLAN
- PROPOSED TREE, SEE PLANTING PLAN
- SEEDED GRASS
- BARK MULCH SURFACING
- SPLIT RAIL FENCE, SEE 02/L3.1
- LANDSCAPE BOULDER, SEE 05/L3.0

PRELIMINARY
NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION	DRW	DES	CHK	RVW
03	11/07/22	100% DRAWING SET	SB	SB	KE	KE
02	24/06/22	95% DRAWING SET	SB	SB	KE	KE
01	13/06/22	70% DRAWING SET	SB	SB	KE	KE

SEAL / PERMIT

CLIENT
REGIONAL DISTRICT OF NANAIMO
RECREATION AND PARKS

CONSULTANT
LANARC

PROJECT ----/----
Lions Park Playground

TITLE
Planting Plan

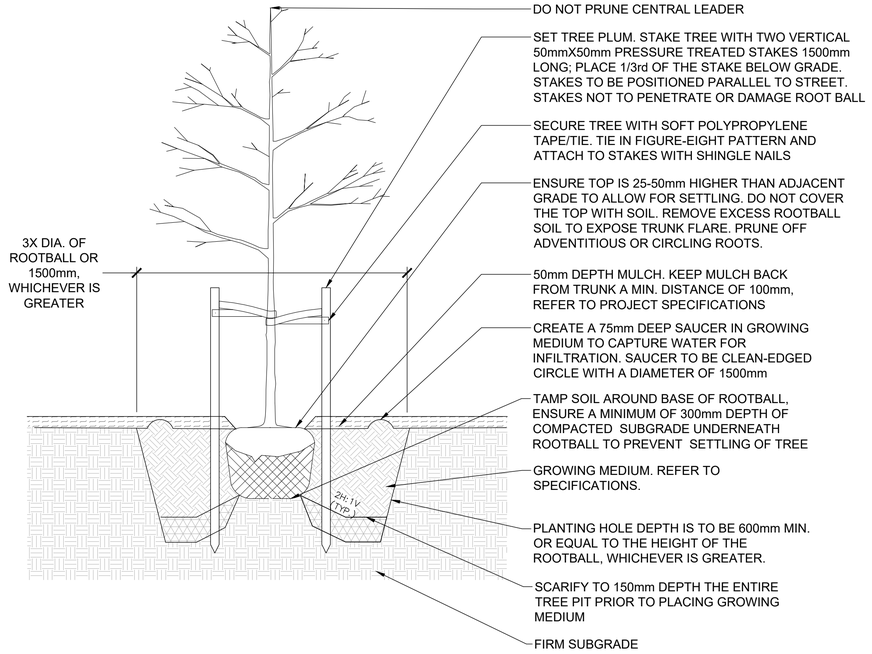
DRAWING No. L4.0

SHEET No. 8 OF 9

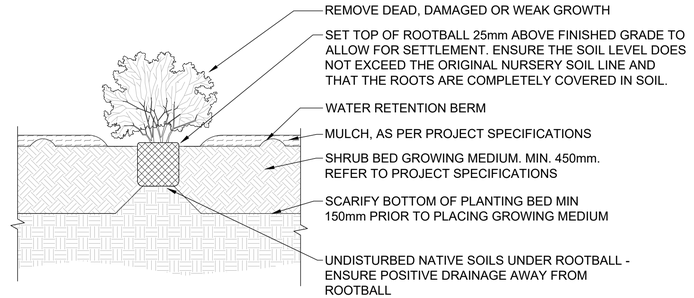
Drawing File: N:\Active\2022\22429 - RDN\00 - Lions Park Playground\CAD\Sheets\L4.0 - Planting Plan.dwg Layout:L4.0 - Planting Plan July 5, 2022 1:02:08 PM By: Shelby

NOTES:

1. TREE MUST BE DENSE AND FULL WITH COMPLETE BRANCH DEVELOPMENT, VIGOROUS FOLIAGE AND A FORM WHICH IS SATISFACTORY TO THE LANDSCAPE ARCHITECT. CANOPY DENSITY AND LEAF COLOUR MUST BE CHARACTERISTIC OF SPECIES.
2. PLANT TREE PLUMB AND MAINTAIN PLUMB THROUGHOUT WARRANTY PERIOD.
3. CUT ALL BINDING MATERIAL AND REMOVE STRAPPING OF TREE ROOTBALL PRIOR TO BACKFILL, FOLD BACK BURLAP INTO HOLE AND REMOVE ANY MATERIAL FROM THE TREE PIT THAT WOULD IMPEDE TREE GROWTH.
4. DO NOT DISTURB THE ROOTBALL OR PLANTING PIT OF THE TREE WITH THOSE OF OTHER TREES OR SHRUBS PLANTED IN THE PLANTING BED.
5. CROWN PRUNING RESTRICTED TO INTERFERING BRANCHES IN ACCORDANCE TO INTERNATIONAL SOCIETY OF ARBORICULTURE STANDARDS.
6. REMOVE BROKEN, DEAD AND OR DISEASED BRANCHES ACCORDING TO STANDARD HORTICULTURAL PRACTICES & DO NOT CUT LEADER.



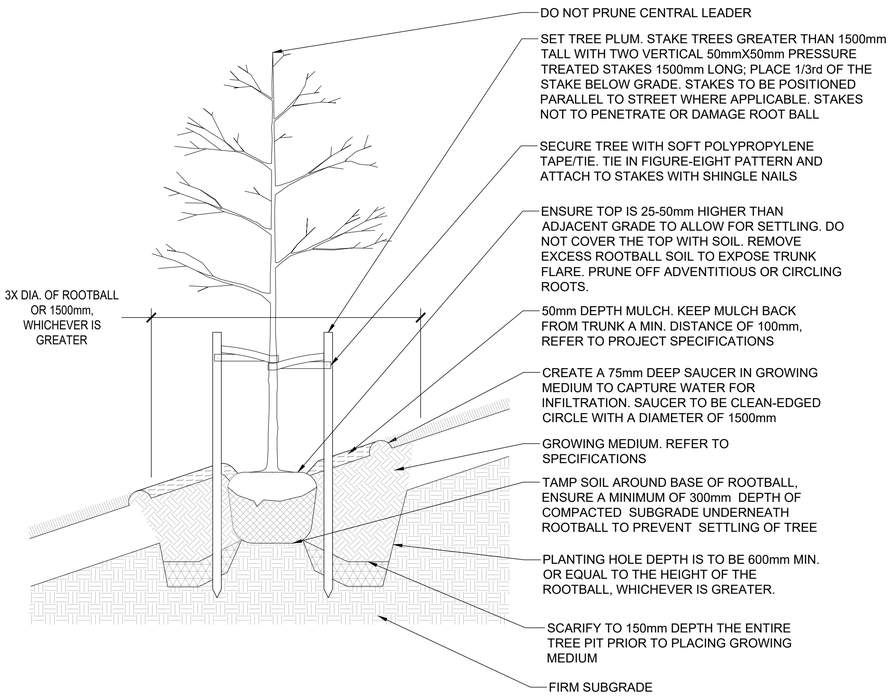
01 TREE PLANTING
SCALE: 1:20



02 SHRUB PLANTING
SCALE: 1:20

NOTES:

1. TREE MUST BE DENSE AND FULL WITH COMPLETE BRANCH DEVELOPMENT, VIGOROUS FOLIAGE AND A FORM WHICH IS SATISFACTORY TO THE LANDSCAPE ARCHITECT. CANOPY DENSITY AND LEAF COLOUR MUST BE CHARACTERISTIC OF SPECIES.
2. PLANT TREE PLUMB AND MAINTAIN PLUMB THROUGHOUT WARRANTY PERIOD.
3. CUT ALL BINDING MATERIAL AND REMOVE STRAPPING OF TREE ROOTBALL PRIOR TO BACKFILL, FOLD BACK BURLAP INTO HOLE AND REMOVE ANY MATERIAL FROM THE TREE PIT THAT WOULD IMPEDE TREE GROWTH.
4. DO NOT DISTURB THE ROOTBALL OR PLANTING PIT OF THE TREE WITH THOSE OF OTHER TREES OR SHRUBS PLANTED IN THE PLANTING BED.
5. CROWN PRUNING RESTRICTED TO INTERFERING BRANCHES IN ACCORDANCE TO INTERNATIONAL SOCIETY OF ARBORICULTURE STANDARDS.
6. REMOVE BROKEN, DEAD AND OR DISEASED BRANCHES ACCORDING TO STANDARD HORTICULTURAL PRACTICES & DO NOT CUT LEADER.



03 TREE PLANTING ON SLOPE
SCALE: 1:20

LEGEND

REV	DATE	DESCRIPTION	DRW	DES	CHK	RVW
03	11/07/22	100% DRAWING SET	SB	SB	KE	KE
02	24/06/22	95% DRAWING SET	SB	SB	KE	KE
01	13/06/22	70% DRAWING SET	SB	SB	KE	KE

SEAL / PERMIT

CLIENT
REGIONAL DISTRICT OF NANAIMO
RECREATION AND PARKS

CONSULTANT
LANARC

PROJECT ----/----
Lions Park Playground

TITLE
Planting Details

DRAWING No. L5.0

SHEET No. 9 OF 9

Drawing File: N:\Active\2022\12429 - NANRD - Lions Park Playground\CAD\Sheets\L5.0_Planting Details.dwg Layout:L5.0 - Planting Details July 5, 2022 11:09:19 AM By: Shelby