

5/1/2017 2:57:29 PM

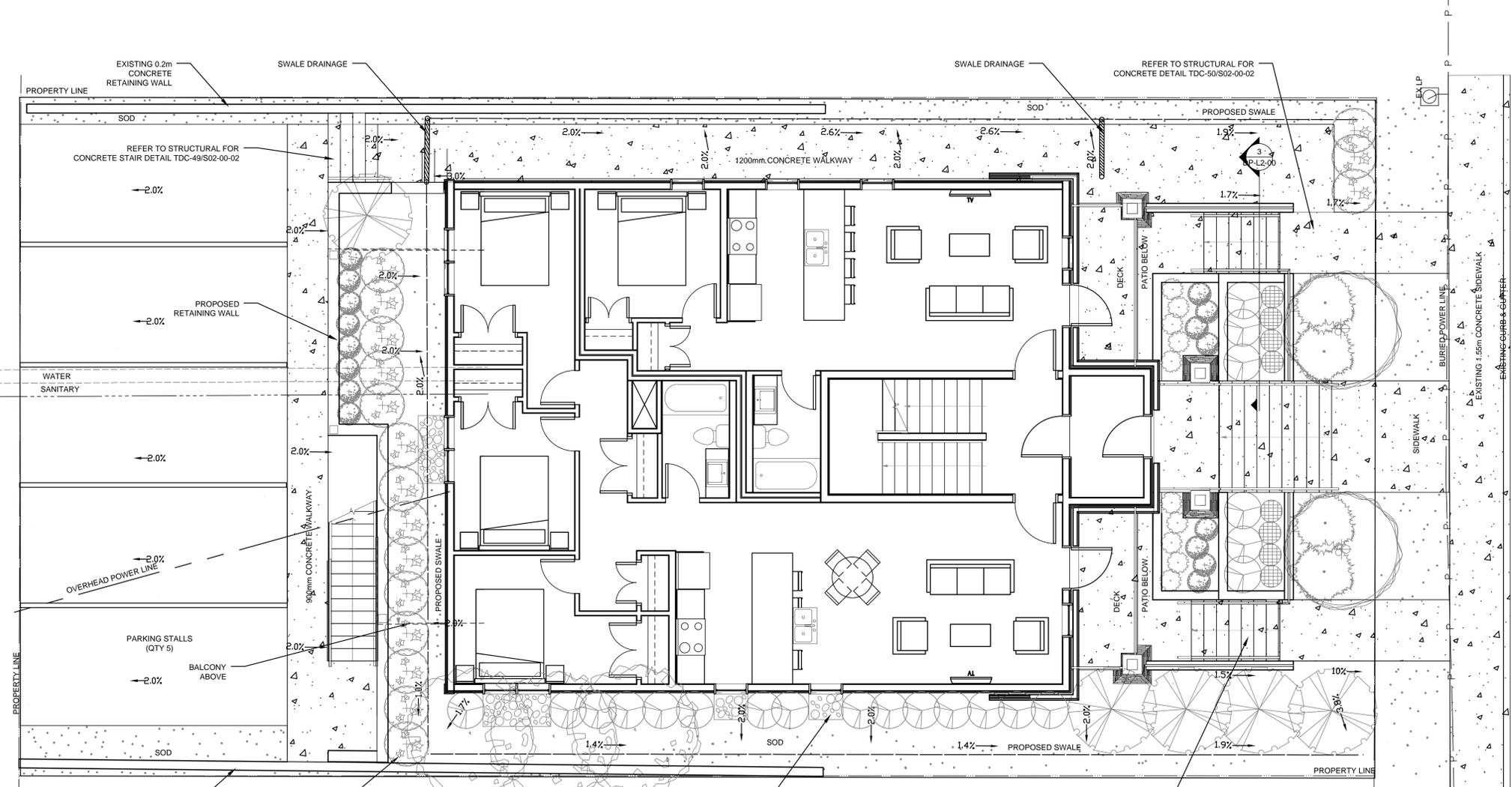
OVERHEAD POWER LINES

EX SAN

APPROX. LOCATION OF WATER LINE

BURIED GAS LINE

EX GRAVEL LANE



PATRICIA STREET

EXISTING SAN

1 LANDSCAPE PLAN
DP-L1-00 SCALE 1:50

PLANT LEGEND

- Paper Birch
- Trembling Aspen
- Lodgepole Pine
- Silver Willow
- Prickly Rose
- Red Osier Dogwood
- Tufted Hairgrass
- Alpine Aster
- Crimson Columbine

Percentage of soft landscaping: 26.1% (121.58m²)
Percentage of soft landscaping in R.O.W: 3.5% (16.62m²)

LEGEND

- FEATURES**
- Sod
 - Broom Finish Concrete
 - Gravel

PLANT LIST:

CONIFEROUS TREES

QTY	SCIENTIFIC NAME	COMMON NAME	PLANT SIZE
05	Pinus contorta	Lodgepole Pine	2.0m ht. B&B 80mm root ball dia.

DECIDUOUS TREES

QTY	SCIENTIFIC NAME	COMMON NAME	PLANT SIZE
02	Betula papyrifera	Paper Birch	50mm cal. (B&B) min 700mm wide x 400mm depth root ball
03	Populus tremuloides	Trembling Aspen	50mm cal. (B&B) min 700mm wide x 400mm depth root ball

DECIDUOUS SHRUBS

QTY	SCIENTIFIC NAME	COMMON NAME	PLANT SIZE
04	Salix exigua	Silver Willow	Min. 600 spr, root ball dia. 350mm, #5 container size
17	Cornus stolonifera	Red Osier Dogwood	Min. 600mm ht., Min. 4 major basal stems. Root Spread 300mm. - #3 cont.
21	Rosa acicularis	Prickly Rose	Min. 600mm ht., Min. 4 major basal stems. Root Spread 300mm. - #3 cont.

ORNAMENTAL GRASSES

QTY	SCIENTIFIC NAME	COMMON NAME	PLANT SIZE
16	Deschampsia caespitosa	Tufted Hairgrass	Min. 200mm ht., #2 cont.

PERENNIALS

QTY	SCIENTIFIC NAME	COMMON NAME	PLANT SIZE
10	Aquilegia formosa	Crimson Columbine	Min. 200mm ht., #2 cont.
08	Aster alpinus	Alpine Aster	Min. 200mm ht., #2 cont.

DATE	ISSUED FOR	REV
2017-06-30	ISSUED FOR DP	
2017-08-11	ISSUED FOR TENDER	

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This drawing shall not be used for construction purposes unless appearing hereon is signed and dated by the Architect or Engineer.

Project Component
Key Plan

Consultants
Civil: McElhanney Consulting Services Ltd.
Landscape: NORR Architects Engineers Planners
Architecture: NORR Architects Engineers Planners
Structural: NORR Architects Engineers Planners
Mechanical: NORR Architects Engineers Planners
Electrical: NORR Architects Engineers Planners

Seal(s)

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Andrew Tompkins, P. Eng., P.E.T.E.C.
Chris Piel, P. Eng., P.E.T.E.C.

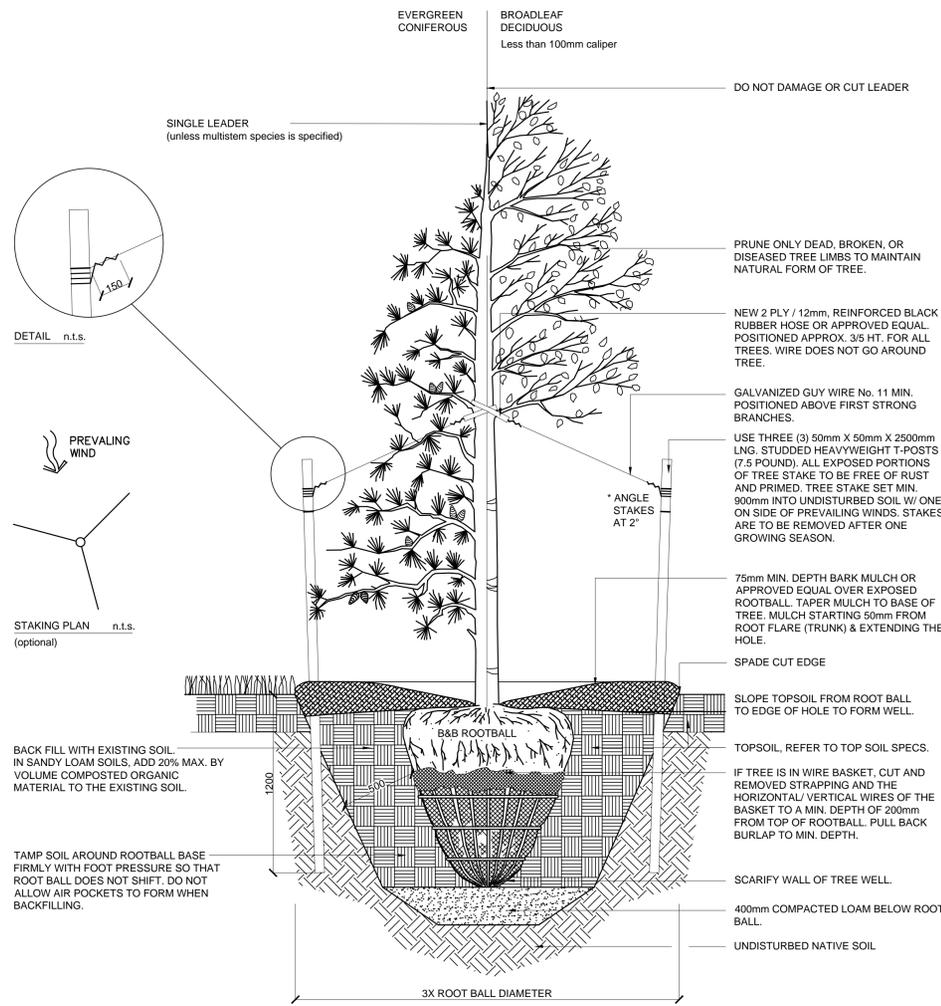
Project Manager	C.O.	BIM Lead
Design Lead	J.D.	Drawn
Project Leader	lb.	Checked
		C.K.

PARKS CANADA AGENCY
Jasper National Park, Jasper, AB
Project
JASPER PARK STAFF HOUSING
JASPER, AB
Drawing Title
LANDSCAPE PLAN

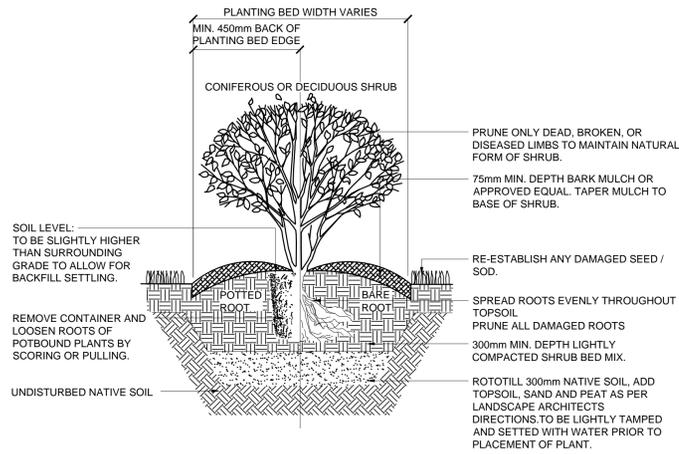
Scale 1:50
Project No. NCEM170002
Drawing No. DP-L1-00

PRELIMINARY - NOT FOR CONSTRUCTION

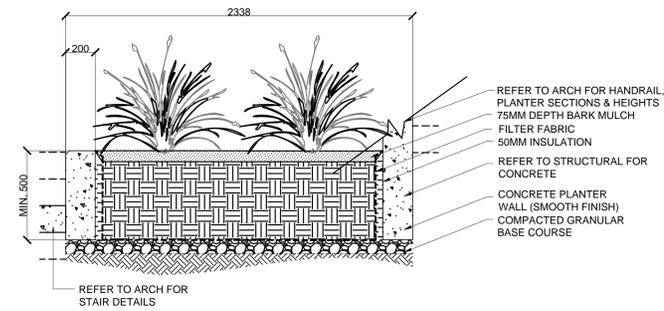
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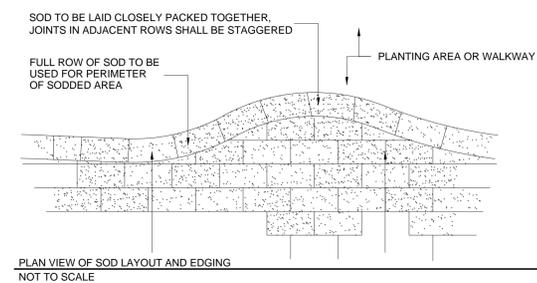
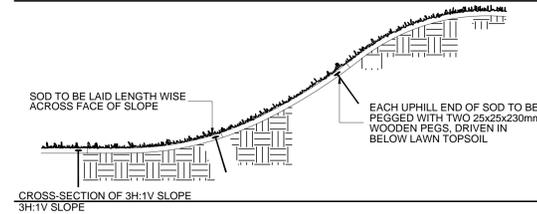
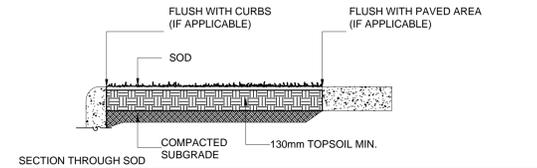
1 TREE PLANTING
DP-L2-00 SCALE 1:20



2 SHRUB PLANTING
DP-L2-00 SCALE 1:20



3 PLANTER SECTION
DP-L2-00 SCALE 1:20



4 SOD INSTALLATION
DP-L2-00 SCALE 1:20

LANDSCAPE NOTES:

1. ALL LANDSCAPE CONSTRUCTION MATERIALS AND TECHNIQUES SHALL MEET THE MINIMUM REQUIREMENTS OF THE CNLA STANDARDS
2. NO SUBSTITUTIONS OF PLANT MATERIAL WILL BE PERMITTED BY THE LANDSCAPE CONSULTANT UNLESS APPROVED BY THE LANDSCAPE CONSULTANT IN WRITING PRIOR TO SHIPMENT TO SITE. ALL PLANT MATERIAL SHALL BE INSTALLED AS SHOWN ON THE DRAWINGS. ALL GROUND COVER SHALL BE PLANTED AT THE SPACING INDICATED. ANY PLANT MATERIAL INSTALLED THAT DOES NOT MEET WITH THE REQUIREMENTS OF THESE DRAWINGS AND ASSOCIATED SPECIFICATIONS SHALL BE REMOVED AND REPLACED WITH PLANT MATERIAL THAT MEETS THE AFOREMENTIONED REQUIREMENTS AT THE CONTRACTOR'S SOLE EXPENSE.
3. ALL PLANT MATERIAL SHALL BE APPROVED AT THE SOURCE NURSERY PRIOR TO SHIPMENT TO SITE. THE CONTRACTOR BEARS THE SOLE RESPONSIBILITY OF NOTIFYING THE LANDSCAPE CONSULTANT A MINIMUM OF TWO WEEKS PRIOR TO SHIPMENT OF PLANT MATERIAL TO COORDINATE THE REVIEW OF THE PLANT MATERIAL. THE LANDSCAPE CONSULTANT RESERVES THE RIGHT TO WAIVE THIS REQUIREMENT BASED ON THE NURSERY SOURCE PROPOSED FOR USE BY THE CONTRACTOR.
4. ALL PLANTING BEDS SHALL BE MULCHED WITH AN ALL WOOD MULCH TO A DEPTH OF 75MM
5. ANY DAMAGE OCCURRING TO THE EXISTING CONSTRUCTION, BUILDINGS, VEGETATION, LANDSCAPING, PATHWAYS AND/OR OTHER SITE AMENITIES ON THE SITE, ADJACENT PRIVATE PROPERTY OR PUBLIC LANDS SHALL BE REHABILITATED, RESTORED AND/OR MADE GOOD, BY THE CONTRACTOR TO THE OWNERS AND/OR THE CITY OR TOWN AUTHORITY'S REQUIREMENTS.
6. ALL SITE GRADES SHALL MATCH EXISTING GRADES OF ADJACENT LANDS, WITH GRADING CONFINED TO THE SITE.
7. THE CONTRACTOR SHALL OBTAIN, AT THE CONTRACTOR'S SOLE EXPENSE, ALL UTILITY LOCATES PRIOR TO COMMENCING WORK. ANY AND ALL DAMAGES TO UTILITIES, REGARDLESS OF WHETHER LOCATES WERE COMPLETED, SHALL BE REHABILITATED, RESTORED AND/OR MADE GOOD BY THE CONTRACTOR, TO THE OWNERS AND/OR THE CITY OR TOWN AUTHORITY'S REQUIREMENTS

PLANT MATERIAL WARRANTY:

1. THE CONTRACTOR SHALL WARRANT THAT THE PLANT MATERIAL WILL REMAIN FREE OF DEFECTS FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF SUBSTANTIAL PERFORMANCE. THE CONSULTANT ACCOMPANIED BY THE CONTRACTOR WILL UNDERTAKE AN END-OF-WARRANTY INSPECTION TO IDENTIFY PLANT MATERIAL THAT WILL BE REPLACED BY THE CONTRACTOR.
2. THE CONSULTANT RESERVES THE RIGHT TO EXTEND THE CONTRACTOR'S WARRANTY AND RESPONSIBILITY FOR AN ADDITIONAL YEAR IF, AT THE END OF THE WARRANTY PERIOD, THE LEAF DEVELOPMENT AND GROWTH OF THE PLANT MATERIAL IS NOT SUFFICIENT TO ENSURE FUTURE SURVIVAL.
3. THE CONTRACTOR SHALL EXTEND THE WARRANTY ON ALL REPLACEMENT PLANT MATERIAL FOR ONE(1) YEAR. REPLACEMENT PLANTS SHALL BE PLANTS OF SAME SIZE AND SPECIES SPECIFIED, PLANTED IN THE NEXT GROWING SEASON, WITH A NEW WARRANTY COMMENCING ON DATE OF REPLACEMENT
4. THE CONTRACTOR SHALL CONTINUE SUCH REPLACEMENT AND WARRANTY OF PLANT MATERIAL TO THE SATISFACTION OF THE CONSULTANT.

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Project Component

Key Plan

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 Landscape: NORR Architects Engineers Planners
 Architecture: NORR Architects Engineers Planners
 Structural: NORR Architects Engineers Planners
 Mechanical: NORR Architects Engineers Planners
 Electrical: NORR Architects Engineers Planners

Seal(s)

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 Andrew G. Galloway, P. Eng., P.E.T.C.A.
 Chris Paul, P. Eng., A.P.E.C.A.

Project Manager	BIM Lead
C.O.	
Design Lead	Drawn
J.D.	K.E.
Project Leader	Checked
tb.	C.K.

PARKS CANADA AGENCY
 Jasper National Park, Jasper, AB
 Project
JASPER PARK STAFF HOUSING
 JASPER, AB
 Drawing Title
LANDSCAPE PLAN

Scale 1 : 20
 Project No. NCEM170002
 Drawing No. DP-L2-00

PRELIMINARY - NOT FOR CONSTRUCTION