

DAYCARE PLAY AREA

±20300

6700

CHAINLINK FENCE

TRIPLE HOOP

ASPHALT

\ ENLARGEMENT - KINDERGARTEN & DAYCARE PLAY AREA

L-01 Scale: 1:150

ASPHALT

—1.5m. HIGH—

±31500

3 m (10') HIGH ABOVE GROUND POSTS (6 POSTS)

WITH HEAVY DUTY EYELETS WELDED TO THE TOP OF THE POSTS FOR FUTURE SHADE SAIL

CHAINLINK FENCE

3.05 x 3.05 PRECAST CONCRETE STORAGE

DAYCARE PLAY AREA



#### GENERAL NOTES

All general site information and conditions compiled from existing plans, surveys and consultant's field notes. Report all discrepancies prior to any work. No responsibility is born by the Consultant for unknown subsurface conditions.

.2 The location of the utilities is approximate only, and the exact location should be determined by consulting the municipal authorities and utility companies concerned. The Contractor shall prove the location of utilities and shall be responsible for adequate protection from damage.

3 All dimensions shown are to be verified on site prior to any construction. No deviations are to be made from the layouts as shown on this plan without prior consultation with the Landscape

.4 Obtain approval of Landscape Architect for granular base and layout of all pavement areas prior to construction.

.5 Stake planting locations and receive approval of Landscape Architect, prior to excavation of any planting pits. No substitutions of plant material shall be made without prior approval of the Landscape Architect.

.6 Where clay is encountered proper drainage must be ensured in tree/shrub pits, prior to planting. Have method approved by Landscape Architect.

1.7 All sodded areas to receive a minimum of 150mm of topsoil over graded sub-base. If sod with mesh is used, mesh to be removed completely during sodding operations. Sod shall come from an approved source and shall be laid within 24 hours of being cut in the nursery. Only nursery sod shall be used.

|.8 Final subgrade is to approved by the Landscape Architect prior to sod being laid.

Maintain positive surface runoff through the entire

.10 Reinstate all areas and items damaged as a result of construction activities.



	06				
	05				
	04				
	03	Reissued for SPC	2025/04/07		
	02	Issued for Permit	2025/02/04		
	01	Issued for Coordination	2025/01/30		
	no.	revision	date		
ı					

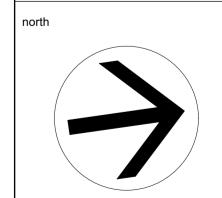
## N45 ARCHITECTURE INC.

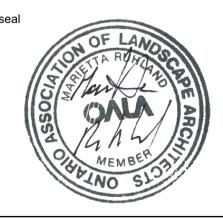
tel. 613.224.0095

#### **Ruhland & Associates Ltd** landscape architecture • urban design • site planning

## East Urban Centre Elementary School

700 Spring Valley Dr, Ottawa, ON, K1W 0H2.





drawing title	
LANDSCAPE	PLAN

2025-02-25 project number N45

L-01

RA 24-1743 CONTRACTOR TO VERIFY ALL DIMENSIONS AND revision NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.

DO NOT SCALE DRAWINGS

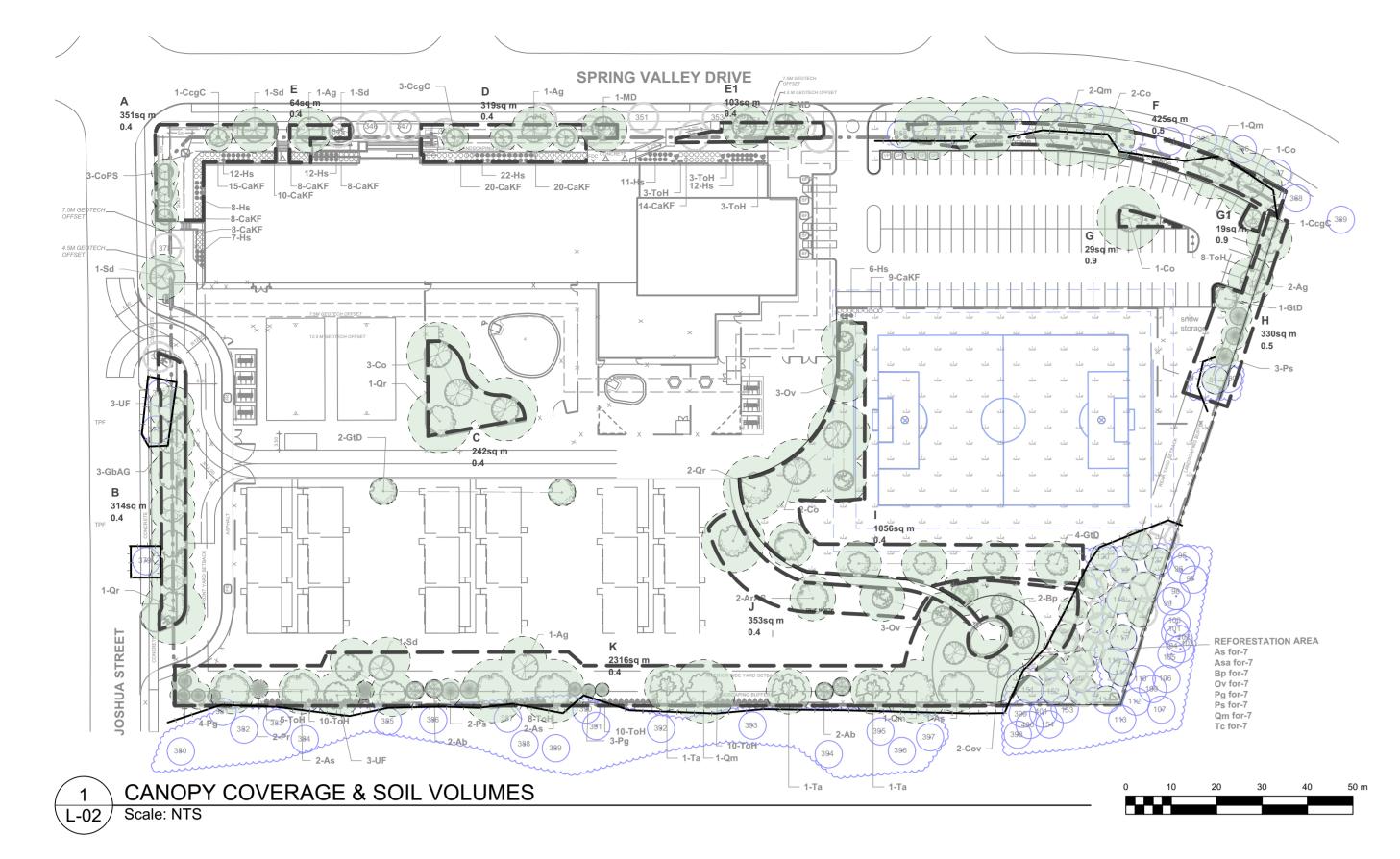
CONCRETE

\_\_\_\_

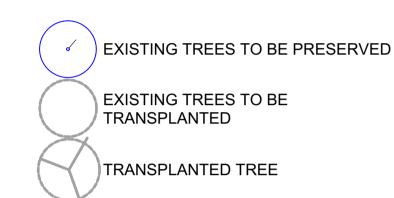
SIDEWALK

EN-1 ENLARGEMENT - BIKE RACK 1 4 BIKE RACKS - EQUIPARC EP5911-7; 30 BIKES

EN-2 ENLARGÊMENT - BIKE RACK 2 L-01 Scale: NTS 6 BIKE RACKS - EQUIPARC EP5911-7; 45 BIKES



## **LEGEND**



TREE CANOPY COVERAGE TOTAL CANOPY AREA 28345 TOTAL SITE AREA m2 PERCENT COVERAGE

TREE PROTECTION FENCE (TPF)

Acer saccharum

Betulus papyrifera

Ostrya virginiana

Picea glauca

Pinus strobus

7 Tsuga canadensis

Quercus macrocarpa

REFORESTATION PLANTING & DETAIL

Acer rubrum

Asa for ∣

PROPOSED PLANTING

OTTAWA Design Soil | Soil Adequacy Target Soil Soil Volume Area, Tree Quantity and Size Tree Quantity Volume percentage Volume (m<sup>3</sup>) contractor 1 Medium, 1 Small, 3 L - Columnar Trees SEE NOTE 87.0 140.4 161% plant bed (351 sq m x 0.4 ave metre deep) AREA B - 1 Large, 6 Medium, 2 Ex. Trees SEE NOTE 144.0 125.6 plant bed (314 sq m x 0.4 ave metre deep) AREA C - 4 Large Trees SEE NOTE plant bed (242 sq m x 0.4 ave metre deep) 72.0 134% AREA D - 3 Small, 2 Medium Trees SEE NOTE plant bed (319 sq m x 0.4 ave metre deep) 66.0 127.6 193% 1 Medium Tree AREA E -SEE NOTE plant bed (61 sq m x 0.7 ave metre deep) 36.0 42.7 119% AREA E1 - 2 Medium Trees SEE NOTE plant bed (103 sq m x 0.4 ave metre deep) 36.0 114% 41.2 AREA F - 6 Large, 3 Ex. Trees SEE NOTE 108.0 plant bed (425 sq m x 0.4 ave metre deep) 170.0 157% AREA G - 1 Large Tree SEE NOTE plant bed (29.5 sq m x 1.2ave metre deep) 30.0 35.4 118% AREA G1 - 1 Small Tree SEE NOTE plant bed (19 sq m x 1.1ave metre deep) 25.0 20.9 3 Medium Trees, 3 Conifers SEE NOTE Dantback (370 sent x 0.4ave metre deep) 132.0 122% 108.0 3 Large, 8 Medium Trees
---Qty--- Botanical name SEE NOTE Remark Sched. size Common name plant bed (1056 sq m + 0.4 ave metre deep) 422.4 198.0 Caliper Trees 1 Large, 2 Medium Trees SEE NOTE Balsam Fir 54.0 plant bed (3ֆ3 sգորլթ Ձ.**Էays**amete deep) 200 €₱1%t AREAK - 7 8Hiargeg13 Medium Trees, 13 Con. 200 cm ht plant bed (2316 sq mus 0 4 ave metre deep) 926.4 2Red Pine 504.0 P's Smaller cotumnar trees with growth to 8-15 բրց թեր երաթեր and columnar configors cm ht. WB, Staked calculated using 'How much soil to grow a big tree' by DeepRoot as a guide Potted 60 Thuja occidentalis 'Holmstrup' 125cm ht Holmstrup Cedar Perennials Ornamental Oats 3 year Potted 90 Helictrochon semperverens 120 Calamagrostis x acutiflora 'Karl Foerster' Feather Reed Grass Potted 3 year **Reforestation Trees** 

Sugar Maple

Red Maple

White Birch

White Spruce

Canadian Hemlock

White Pine

Bur Oak

American Hophornbeam

150 cm ht.

150 cm ht.

150 cm ht.

150 cm ht.

75 cm ht.

50 cm ht.

75 cm ht.

150 cm ht.

Bare root

Bare root

Bare root

Bare root

Bare root

Potted

Potted

## PLANTING MEDIUM REQUIREMENTS FOR TREE PLANTING

.1 WHERE SOIL VOLUMES ARE WITHIN EXCAVATED DEVELOPMENT AREA:

PROVIDE 100% PLANTING MEDIUM TO DEPTHS INDICATED IN SOIL VOLUME CHART. WHERE SUBSOIL BELOW THE INDICATED DEPTH OF PLANTING MEDIUM IS NOT CONDUCIVE TO PLANT GROWTH, REPLACE WITH APPROVED SUBSOIL TO A FURTHER DEPTH OF 300mm.

.2 WHERE SOIL VOLUMES INCLUDE SOIL VOLUMES IN R.O.W. AT PROPERTY LINE R.O.W. AND WITHIN SUBJECT PROPERTY:

ASSUME ALL SOIL VOLUME REQUIREMENTS ARE MET WITHIN THE R.O.W. AREA. REINSTATE ANY DISTURBED AREAS IN R.O.W. OUTSIDE THE 2m RADIUS TREE PITS WITH 100-150mm TOPSOIL AND

AREAS WHERE EXISTING SOILS ARE REMOVED, OR WHERE EXISTING SOILS ARE NOT CONDUCIVE TO PLANT GROWTH. ADDITIONAL PLANTING MEDIUM IS NOT REQUIRED WHERE EXISTING SOIL IS PRESENT IN OR ADJACENT TO THE R.O.W. THIS DOES NOT INCLUDE TOPSOIL REQUIRED FOR SODDING.

WHERE SUBSOIL BELOW THE INDICATED DEPTH OF PLANTING MEDIUM IS NOT CONDUCIVE TO

PLACE PLANTING MEDIUM (TO DEPTH INDICATED ON SOIL VOLUME CHART) AT ALL DISTURBED

PLANT GROWTH, REPLACE WITH APPROVED SUBSOIL TO A FURTHER DEPTH OF 300mm.

BASE CONTRACT TO ASSUME SUBSOIL IS CONDUCIVE TO PLANT GROWTH.

WHERE SOIL VOLUMES INCLUDE SOIL VOLUMES ON ADJACENT PROPERTY AT

ADJACENT PROPERTY AND WITHIN SUBJECT PROPERTY: ASSUME ALL SOIL VOLUME REQUIREMENTS ARE MET WITHIN THE ADJACENT PROPERTY AREA. REINSTATE ANY DISTURBED AREAS ON ADJACENT PROPERTY OUTSIDE THE 2m RADIUS TREE

PITS WITH 100-150mm TOPSOIL AND SOD. PLACE PLANTING MEDIUM (TO DEPTH INDICATED ON SOIL VOLUME CHART) AT ALL DISTURBED AREAS WHERE EXISTING SOILS ARE REMOVED, OR WHERE EXISTING SOILS ARE NOT CONDUCIVE

ADDITIONAL PLANTING MEDIUM IS NOT REQUIRED WHERE EXISTING SOIL IS PRESENT IN OR ADJACENT TO THE ADJACENT PROPERTY. THIS DOES NOT INCLUDE TOPSOIL REQUIRED FOR

WHERE SUBSOIL BELOW THE INDICATED DEPTH OF PLANTING MEDIUM IS NOT CONDUCIVE TO PLANT GROWTH, REPLACE WITH APPROVED SUBSOIL TO A FURTHER DEPTH OF 300mm.

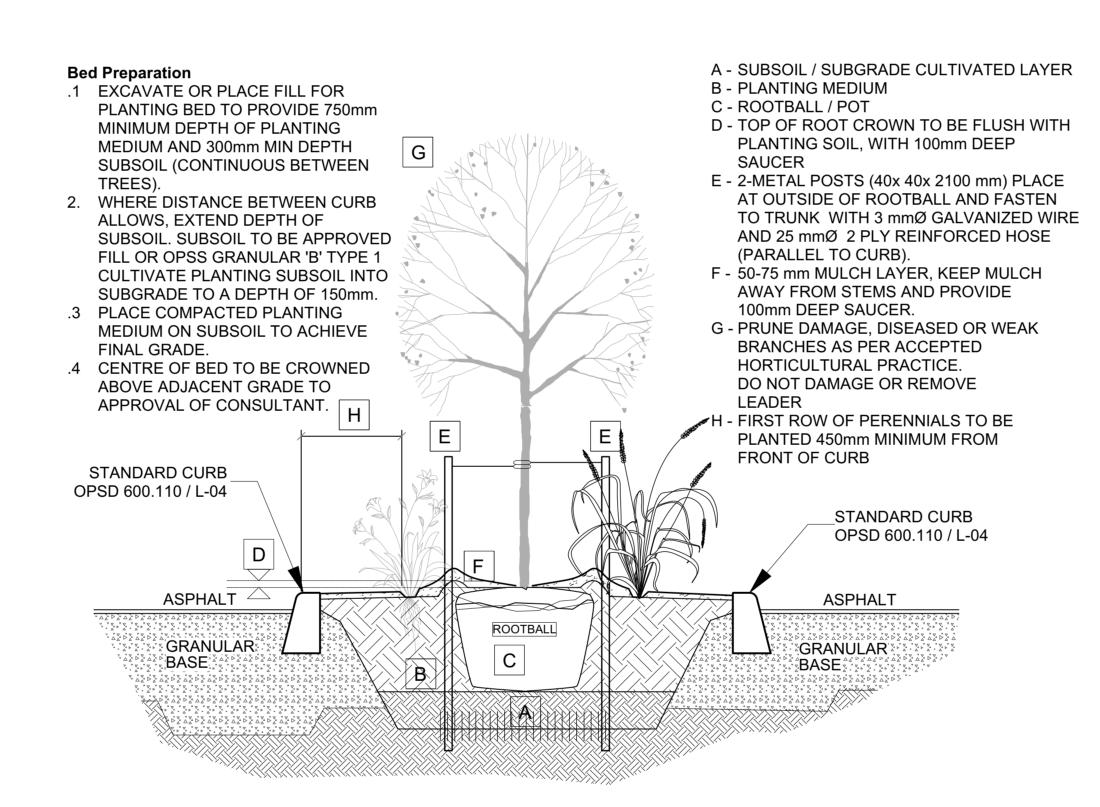
## .4 AREAS NEAR SOCCER FIELD AND OUTDOOR CLASSROOM

BASE CONTRACT TO ASSUME SUBSOIL IS CONDUCIVE TO PLANT GROWTH.

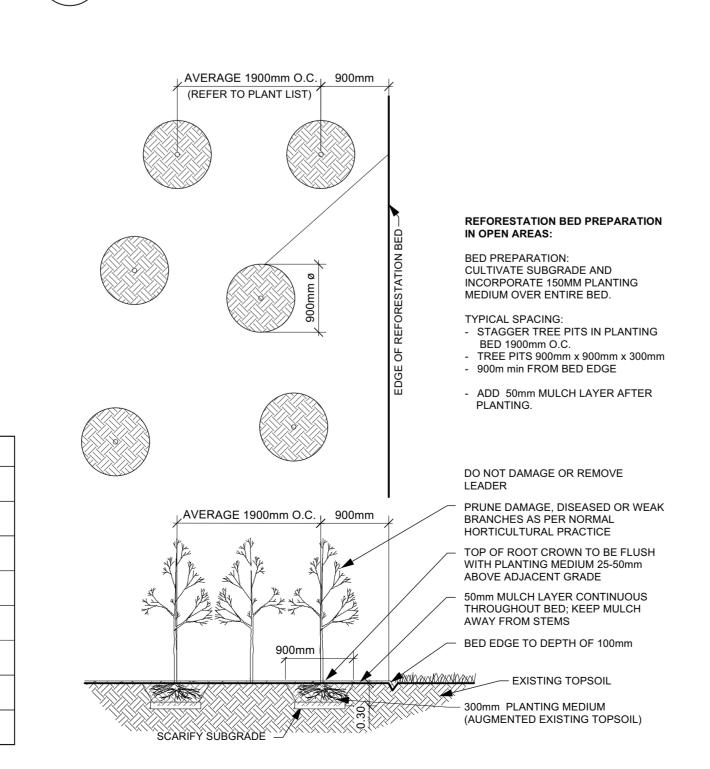
ASSUME ALL SOIL VOLUME REQUIREMENTS ARE MET, REINSTATE ANY DISTURBED AREAS ON ADJACENT PROPERTY OUTSIDE THE 2m RADIUS TREE PITS WITH 100-150mm TOPSOIL AND SOD. ADDITIONAL PLANTING MEDIUM IS NOT REQUIRED WHERE EXISTING SOIL IS PRESENT IN OR ADJACENT TO THE ADJACENT PROPERTY. THIS DOES NOT INCLUDE TOPSOIL REQUIRED FOR

WHERE SUBSOIL BELOW THE INDICATED DEPTH OF PLANTING MEDIUM IS NOT CONDUCIVE TO PLANT GROWTH, REPLACE WITH APPROVED SUBSOIL TO A FURTHER DEPTH OF 300mm.

BASE CONTRACT TO ASSUME SUBSOIL IS CONDUCIVE TO PLANT GROWTH



TREE & PERENNIAL PLANTING IN CURBED PLANTER



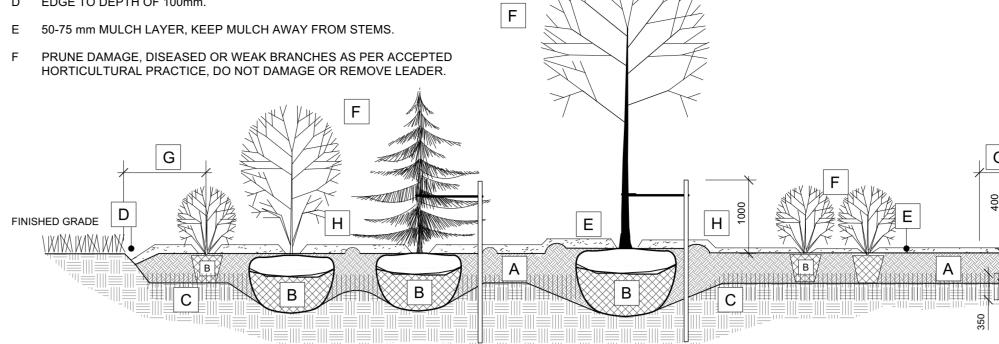
A 450mm COMPACTED PLANTING MEDIUM, DEEPEN AT TREES

B ROOTBALL, TOP OF ROOT CROWN TO BE FLUSH WITH PLANTING SOIL AND 50mm ABOVE SOIL OUTSIDE PLANTING PIT / POT.

C 350mm PLANTING MEDIUM / SUBSOIL CULTIVATED LAYER. CULTIVATE AT TREE PIT BOTTOM. SEE NOTE BELOW.

D EDGE TO DEPTH OF 100mm.

E 50-75 mm MULCH LAYER, KEEP MULCH AWAY FROM STEMS.



BED PREPARATION

.1 EXCAVATE OR PLACE FILL FOR PLANTING BED TO PROVIDE 450mm MINIMUM DEPTH OF PLANTING MEDIUM. PLANTING BED TO BE DEEPENED AT TREE LOCATIONS. IF BASE OF PIT IS OVER EXCAVATED, RAISE BOTTOM TO PROPER LEVEL WITH COMPACTED PLANTING

- .2 PLACE 150mm PLANTING MEDIUM ON SUBGRADE AND CULTIVATE INTO TOP 200mm OF SUBSOIL. SEE NOTE BELOW.
- .3 PLACE REMAINDER OF PLANTING MEDIUM OVER CULTIVATED PORTION TO ACHIEVE FINAL GRADE.
- APPROVAL OF CONSULTANT. .5 ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING WALLS WHERE APPLICABLE.
- WARRANTY PERIOD. .4 WRAP TREE TRUNK AFTER INSPECTION OF TREES BY LANDSCAPE .5 INSTALL RODENT GUARD AND PROTECT TREE FROM RODENT DAMAGE. .6 REMOVE TREE RINGS, STAKES AND TRUNK WRAPPING AFTER WARRANTY .4 CENTRE OF BED TO BE CROWNED ABOVE ADJACENT GRADE TO
  - ENSURE THAT ALL TREES MEET THEIR REQUIRED SETBACKS WHEN PLANTED AS PER CITY'S TREE PLANTING GUIDELINE (2006). DECIDUOUS
    - SPECIES SHALL BE A MINIMUM 1.5 METERS AND CONIFEROUS SPECIES SHALL BE A MINIMUM OF 4.5 METER FROM ROADWAY, DRIVEWAY, SIDEWALK.

G FIRST ROW OF PERENNIALS TO BE PLANTED 600mm FROM EDGE OF BED/CURB

H PROVIDE 150 mm DEEP SAUCER AT TREES

FIRST ROW OF SHRUBS TO BE PLANTED 900mm FROM EDGE OF BED/CURB

1 CUT AND REMOVE TOP 2/3 OF BURLAP AND WIRE BASKET FROM ROOTBALL.

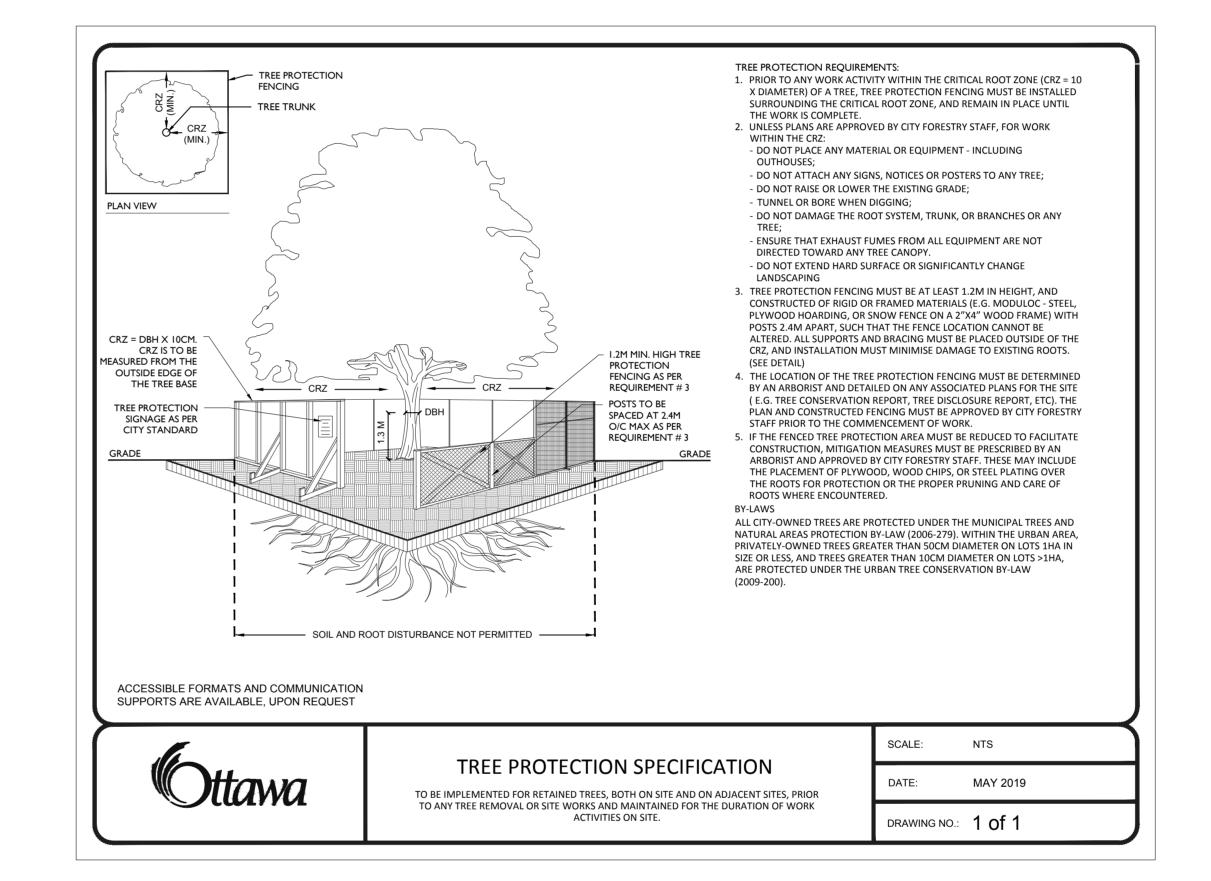
PLACE 1-METAL POST (40 x 40 x 2100 mm) AT OUTSIDE OF ROOTBALL ON

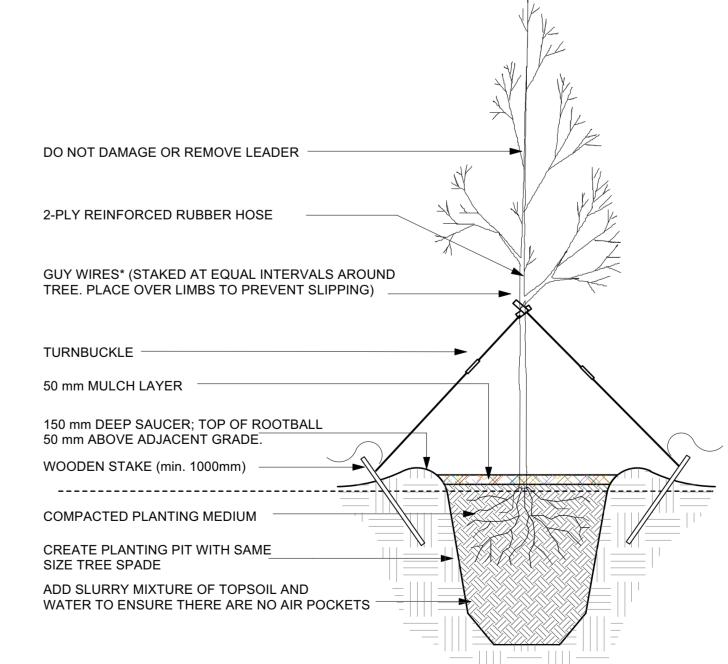
THE PREVAILING WIND SIDE AND FASTEN TO TRUNK WITH APPROVED

WATER THOROUGHLY SUBSEQUENT TO PLANTING AND THROUGHUT THE

**PLANTING DETAIL** L-02 / Scale: NTS

NOTES: - PLANTING BED AREAS EXCAVATED TO 500mm BELOW FINAL GRADE FOR ROUGH GRADE. REFER TO PLANT LIST FOR PLANT SPACING.





TWISTED TOGETHER.

- 1. FERTILIZE TREES AFTER PLANTING WATER THOROUGHLY SUBSEQUENT TO PLANTING.
- 3. WRAP TREE TRUNK FOR PROTECTION FROM CLIMATIC CONDITIONS. 4. PROTECT TREE FROM RODENT DAMAGE. 5. REMOVE TREE RING AND STAKE(S) AFTER ONE YEAR
- FOR TREES UP TO 150mmø: PROVIDE 3 GUY WIRES OF 3mmø,
- FOR TREES OVER 150mmø PROVIDE 3 GUY WIRES CONSISTING EACH OF 3 WIRES OF 4mmø

TREE TRANSPLANTING DETAIL L-02 Scale: NTS



OTTAWA - CARLETON DISTRICT SCHOOL BOARD

GENERAL NOTES

All general site information and conditions compiled from existing plans, surveys and consultant's field notes. Report all discrepancies prior to any work. No responsibility is born by the Consultant for unknown subsurface conditions.

1.2 The location of the utilities is approximate only, and the exact location should be determined by consulting the municipal authorities and utility companies concerned. The Contractor shall prove the location of utilities and shall be responsible for adequate protection from damage.

1.3 All dimensions shown are to be verified on site prior to any construction. No deviations are to be made from the layouts as shown on this plan without prior consultation with the Landscape Architect and Owner.

.4 Obtain approval of Landscape Architect for granular base and layout of all pavement areas prior to construction.

.5 Stake planting locations and receive approval of Landscape Architect, prior to excavation of any planting pits. No substitutions of plant material shall be made without prior approval of the Landscape Architect.

.6 Where clay is encountered proper drainage must be ensured in tree/shrub pits, prior to planting. Have method approved by Landscape Architect.

All sodded areas to receive a minimum of 150mm of topsoil over graded sub-base. If sod with mesh is used, mesh to be removed completely during sodding operations. Sod shall come from an approved source and shall be laid within 24 hours of being cut in the nursery. Only nursery sod shall be used.

.8 Final subgrade is to approved by the Landscape Architect prior to sod being laid.

.9 Maintain positive surface runoff through the entire construction period.

1.10 Reinstate all areas and items damaged as a result of



06		
05		
04		
03	Reissued for SPC	2025/04/07
02	Issued for Permit	2025/02/04
01	Issued for Coordination	2025/01/30
no.	revision	date

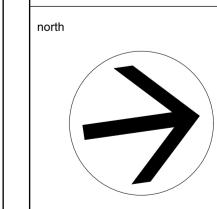


**Ruhland & Associates Ltd** 

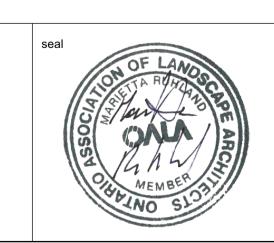
landscape architecture • urban design • site planning Ph 613-224-4744 Fx 613-224-1131

tel. 613.224.0095

**East Urban Centre Elementary School** 700 Spring Valley Dr, Ottawa, ON, K1W 0H2.



N45



drawing title LANDSCAPE SOIL **VOLUMES / DETAILS** 

As Shown checked by 2025-02-25

project number drawing number

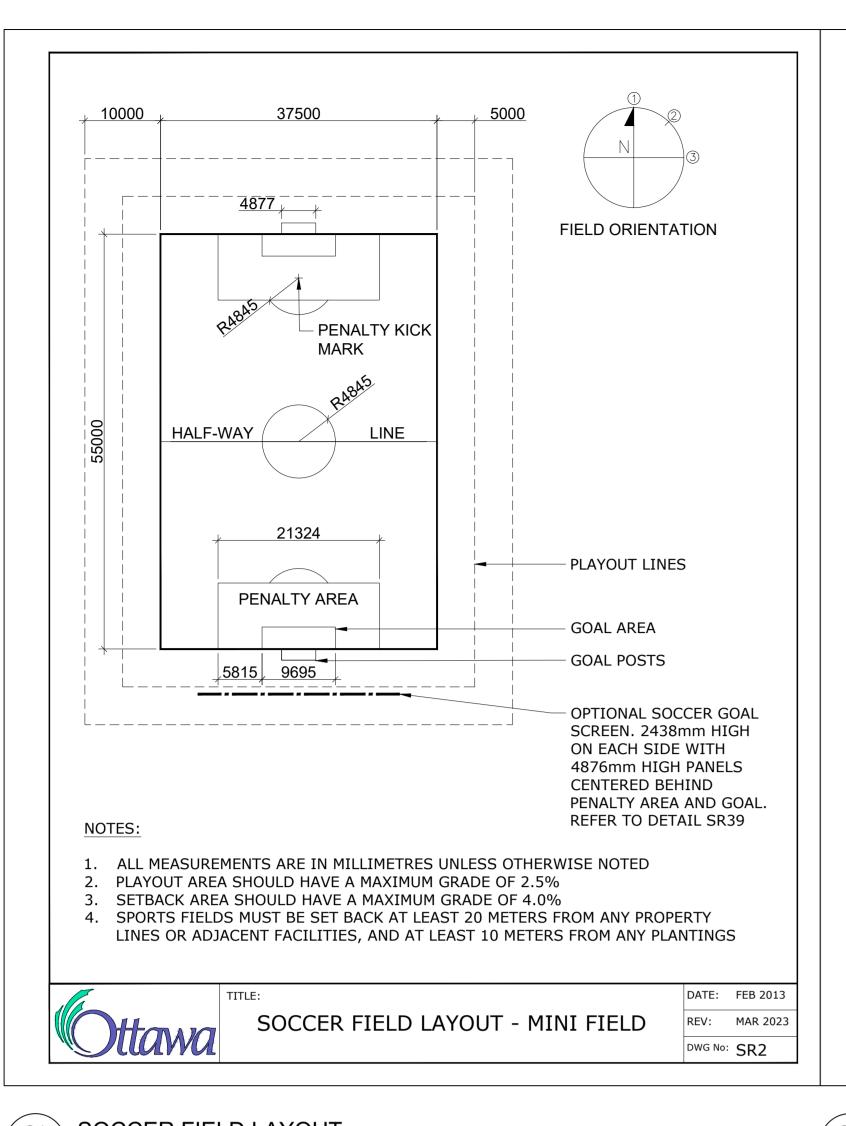
L-02 RA 24-1743

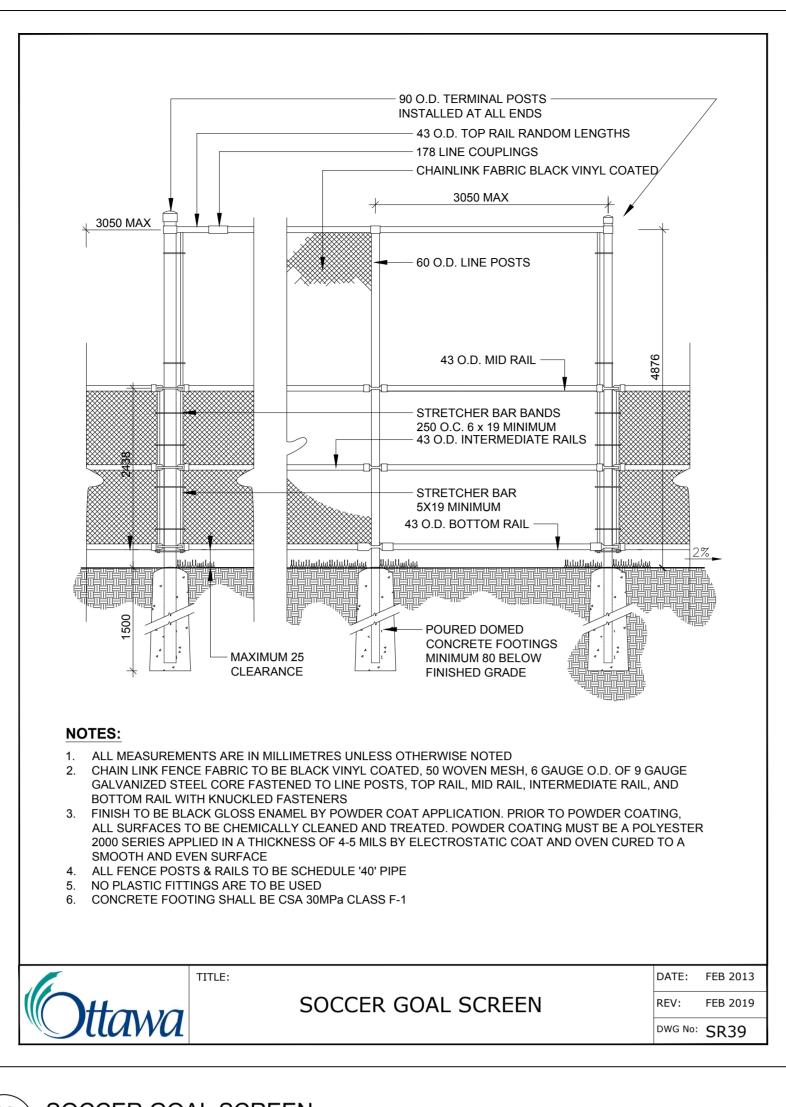
CONTRACTOR TO VERIFY ALL DIMENSIONS AND | revision NOTIFY THE ARCHITECT OF ANY DISCREPANCIES

BEFORE WORK COMMENCES.

DO NOT SCALE DRAWINGS

19255





minimum±s2#200 distance to any play element

FILTER FABRICA

ATTACH TO ASPHALT

THICKEN HL3 ASPHALT AT EDGE TO 125mm AND

150mm GRANULAR A

TACK FILTER FABRIC

150mm GRANULAR A

L-03 Scale: NTS

D9 ASPHALT ROLLED EDGE

(COMPACTED)

TO ASPHALT LIP

(COMPACTED)

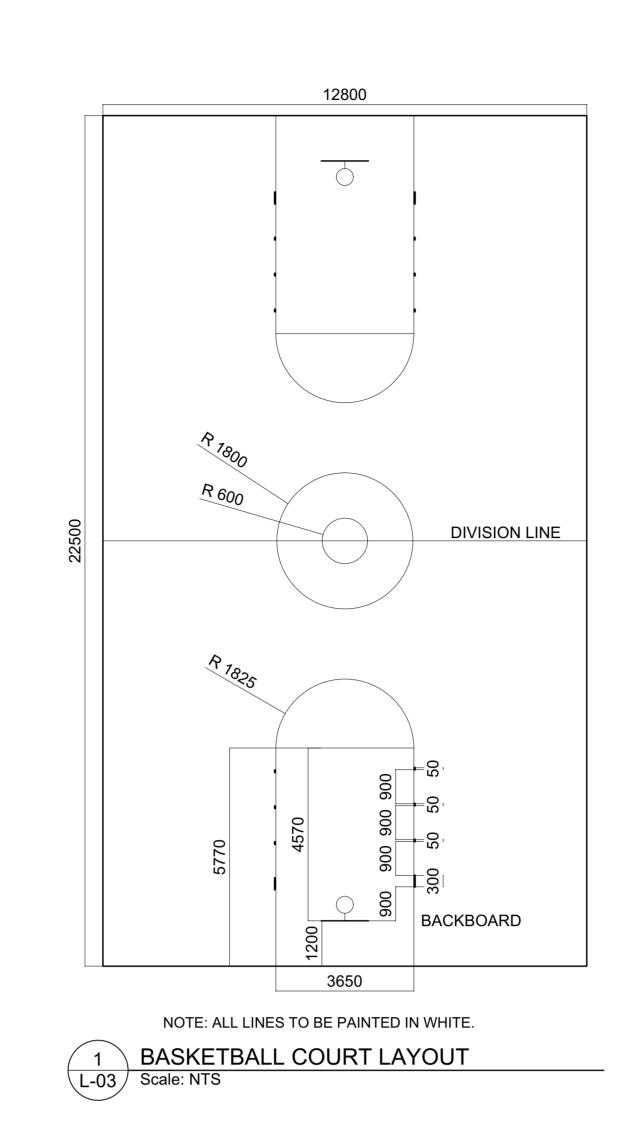
SAFETY SURFACING

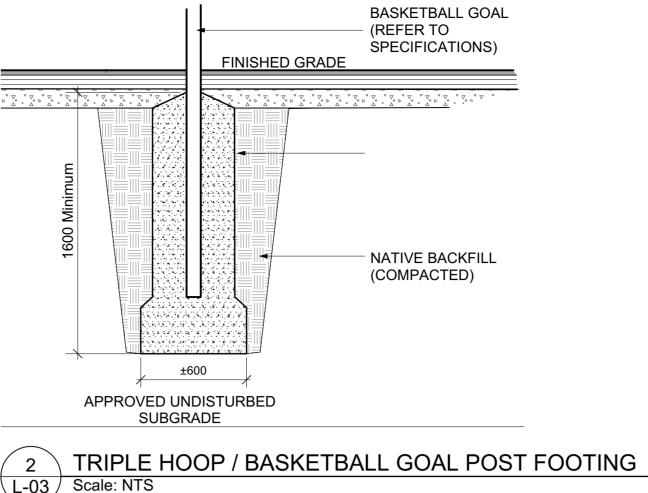
bottom of asphalt ramp to be a—

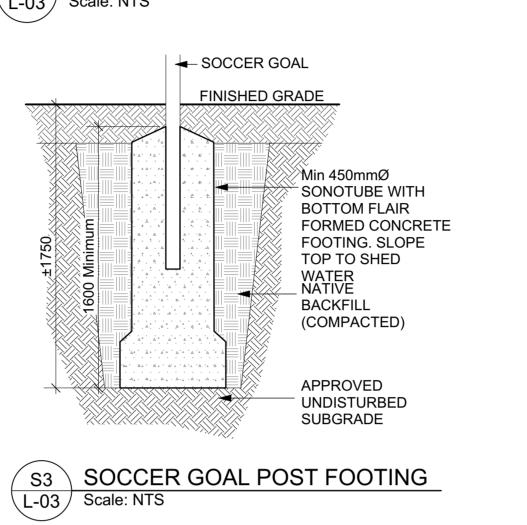
'min' mark on the play structure

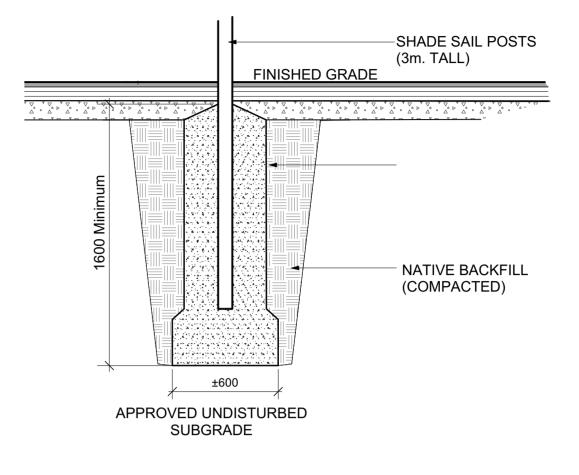
post for mulch level

minimum of 50-100mm below the





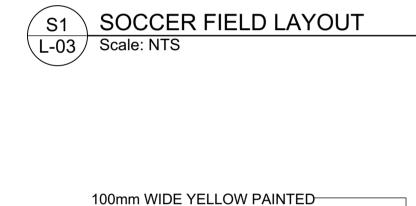




POST HEIGHT ABOVE GROUND: 3 m. (10'); HEAVY DUTY EYELET WELDED TO THE TOP OF THE POSTS FOR FUTURE SHADE SAIL. CONTRACTOR TO PROVIDE SHOP DRAWINGS / PRODUCT DATA SHEET OF THE EYELET FOR SHADE SAIL. SHADE SAIL IS NOT PART OF THE

SHADE SAIL POST FOOTING L-03 Scale: NTS

THIS DETAIL IS FOR DESIGN INTENT ONLY; CONTRACTOR TO SUBMIT COMPLETE SHOP DRAWINGS REVIEWED AND STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO.



WARNING STRIP

**PLAN** 

D8 ACCESSIBLE ASPHALT RAMP
L-03 Scale: NTS



THICKEN HL3 ASPHALT

SECTION

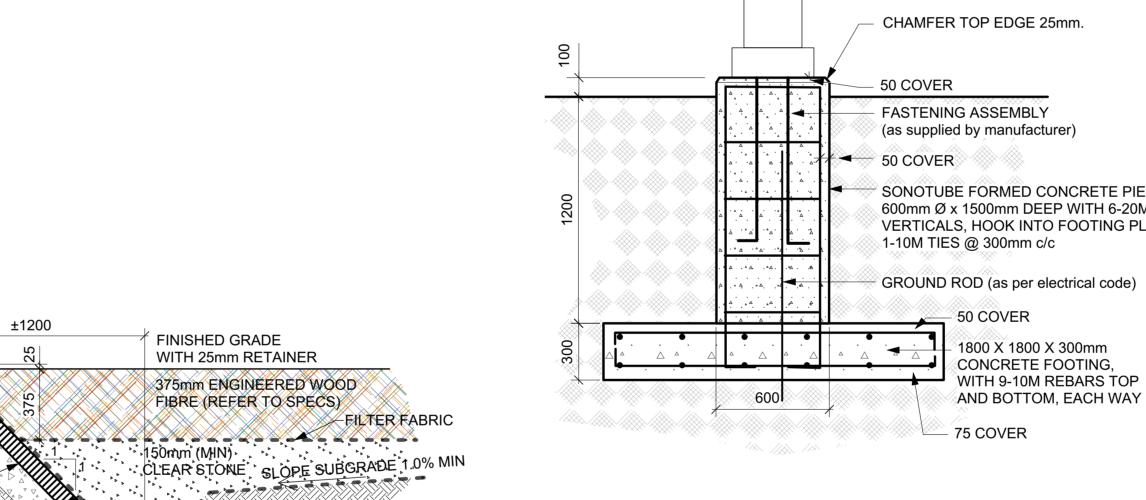
AT EDGE TO 125mm AND ROLL—

ASPHALT RAMP 5% MAX SLOPE

JGRANULAR A

√(COMPACTED).\*

COMPACTED SUBGRADE



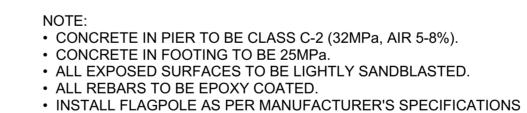
150mm@ PERFORATED PLASTIC

PIPE (SUBORAIN) WITH FILTER

FABRIC SLOPE 1.0% (MIN).

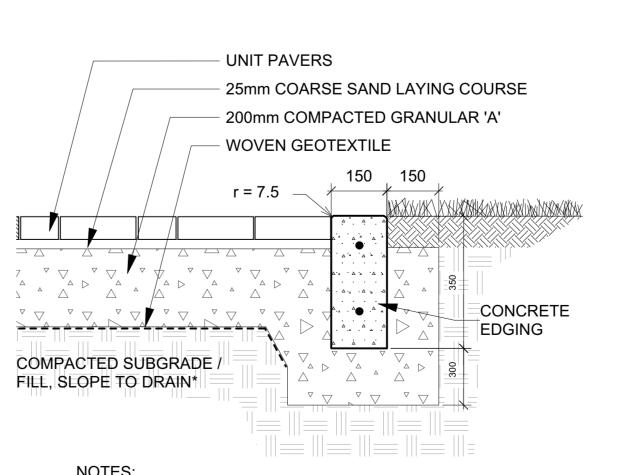
CONNECT TO CATCH BASIN.

REFER TO CIVIL DRAWINGS.



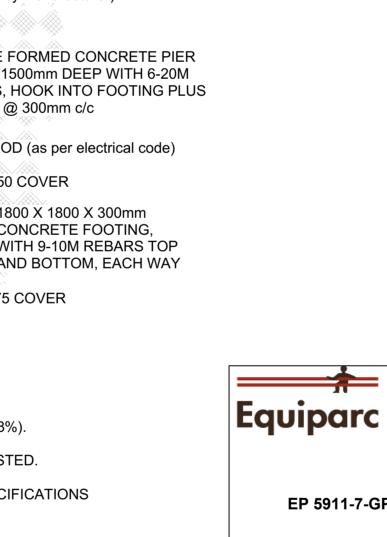
3 \ FLAGPOLE BASE L-03 Scale: NTS

> THIS DETAIL IS FOR DESIGN INTENT ONLY; CONTRACTOR TO SUBMIT COMPLETE SHOP DRAWINGS REVIEWED AND STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO.

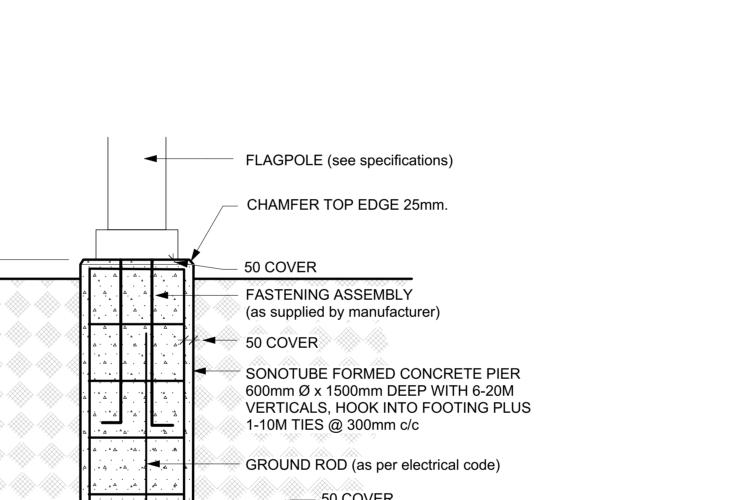


EXPANSION JOINT SPACING MAX. 4.0m x 10mm WIDE, FILLED WITH APPROVED NON-EXTRUDING PRE-MOULDED FIBRE BOARD. 2-15M REBARS DOWELS AT EXPANSION JOINTS. \* GEOTECHNICAL CONSULTANT TO APPROVE SUBBASE / FILL MATERIAL

D2 PRECAST UNIT PAVERS L-03 Scale: NTS



D4 BIKE RACK - EQUIPARC EP 5911 L-03 Scale: NTS



2025/01/30 01 Issued for Coordination date revision

Reissued for SPC

**Issued for Permit** 

## N45 ARCHITECTURE INC.

OTTAWA - CARLETON

DISTRICT SCHOOL BOARD

1.1 All general site information and conditions compiled from

existing plans, surveys and consultant's field notes. Report all

1.2 The location of the utilities is approximate only, and the

exact location should be determined by consulting the municipal authorities and utility companies concerned. The Contractor shall

1.3 All dimensions shown are to be verified on site prior to any

construction. No deviations are to be made from the layouts as

shown on this plan without prior consultation with the Landscape

.4 Obtain approval of Landscape Architect for granular base

.5 Stake planting locations and receive approval of Landscape

Architect, prior to excavation of any planting pits. No substitutions

.7 All sodded areas to receive a minimum of 150mm of topsoil

over graded sub-base. If sod with mesh is used, mesh to be

from an approved source and shall be laid within 24 hours of

being cut in the nursery. Only nursery sod shall be used.

.9 Maintain positive surface runoff through the entire

SITE

.10 Reinstate all areas and items damaged as a result of

KEY PLAN

2025/04/07

2025/02/04

removed completely during sodding operations. Sod shall come

l.8 Final subgrade is to approved by the Landscape Architect

of plant material shall be made without prior approval of the

1.6 Where clay is encountered proper drainage must be

ensured in tree/shrub pits, prior to planting. Have method

and layout of all pavement areas prior to construction.

prove the location of utilities and shall be responsible for adequate

Consultant for unknown subsurface conditions.

discrepancies prior to any work. No responsibility is born by the

GENERAL NOTES

protection from damage.

Architect and Owner.

Landscape Architect.

prior to sod being laid.

construction period.

06

05

04

03

02

approved by Landscape Architect.

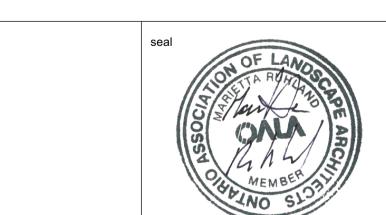
fax 613.224.9811 tel. 613.224.0095

### **Ruhland & Associates Ltd** landscape architecture • urban design • site planning

Ph 613-224-4744 Fx 613-224-1131

## **East Urban Centre Elementary School**

700 Spring Valley Dr, Ottawa, ON, K1W 0H2.

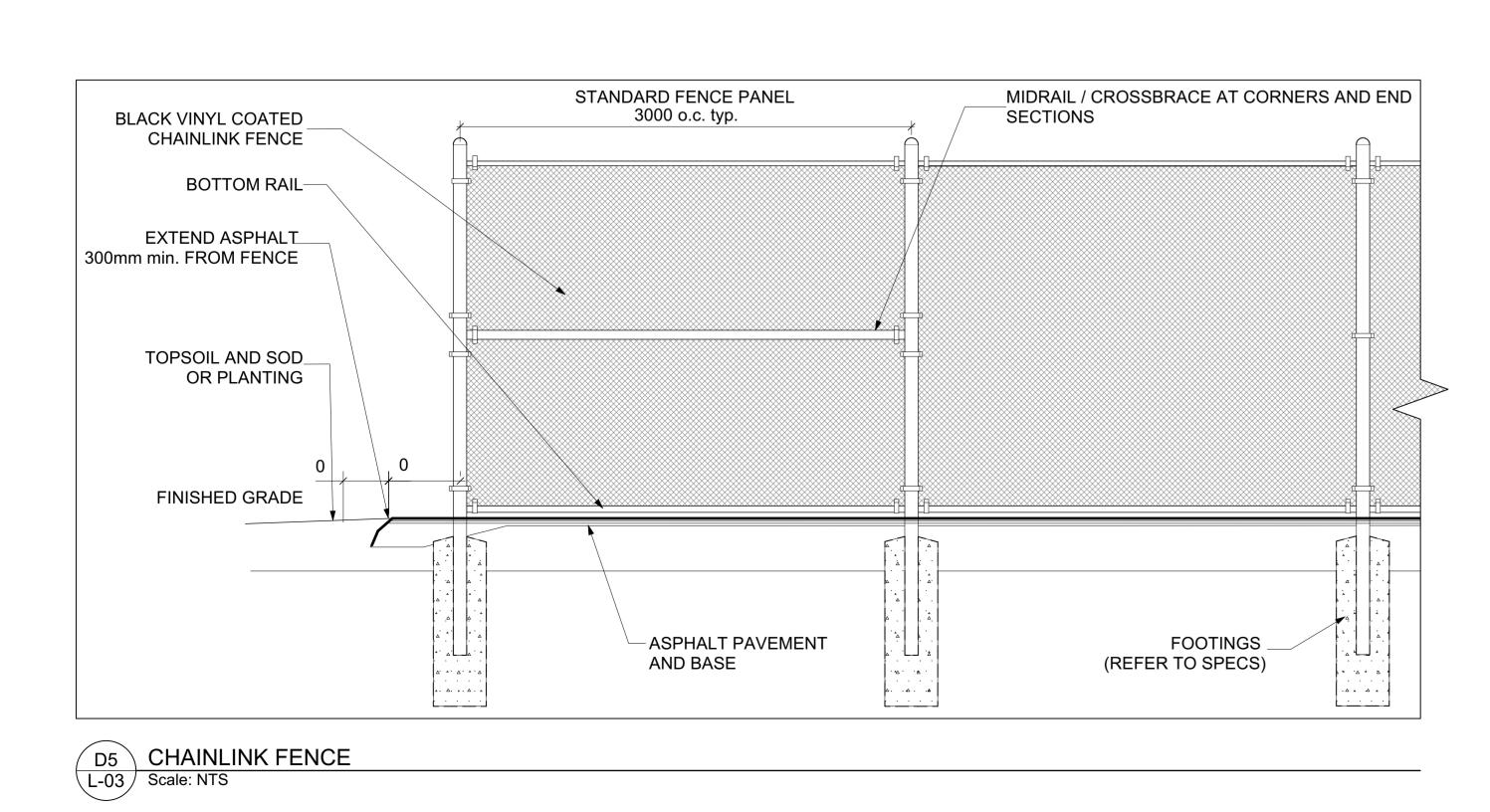




As Shown 2025-02-25 project number drawing number

DO NOT SCALE DRAWINGS

N45 L-03 RA **24-1743** CONTRACTOR TO VERIFY ALL DIMENSIONS AND revision NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.



APPROXIMATE EDGE OF SAFETY SURFACING

-SAFETY SURFACING

-ASPHALT LIP

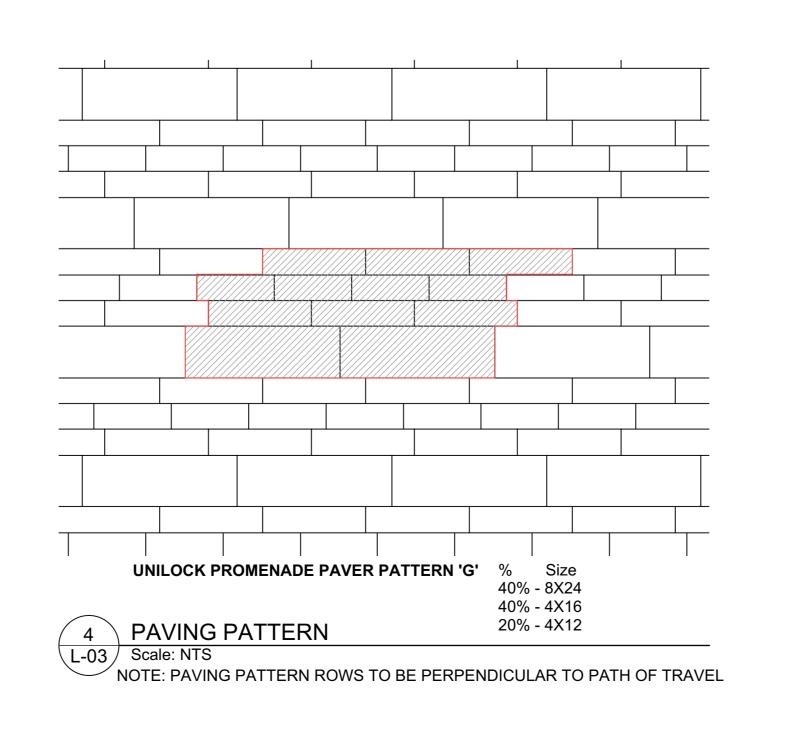
TO EDGE OF

ASPHALT LIP

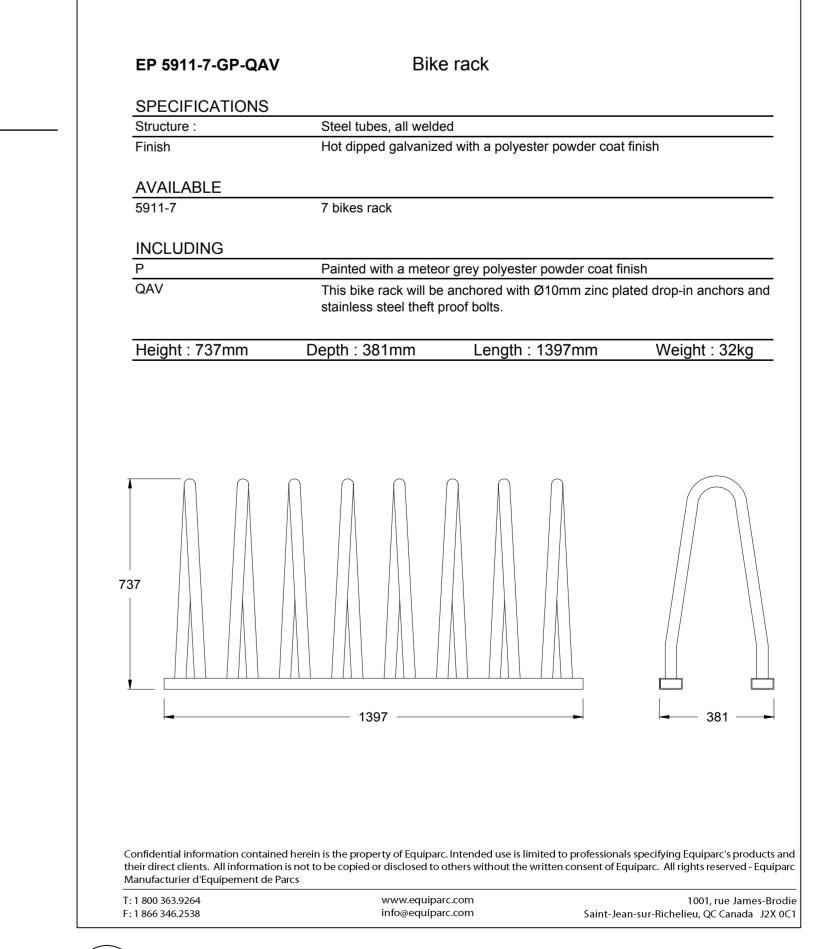
SLOPE

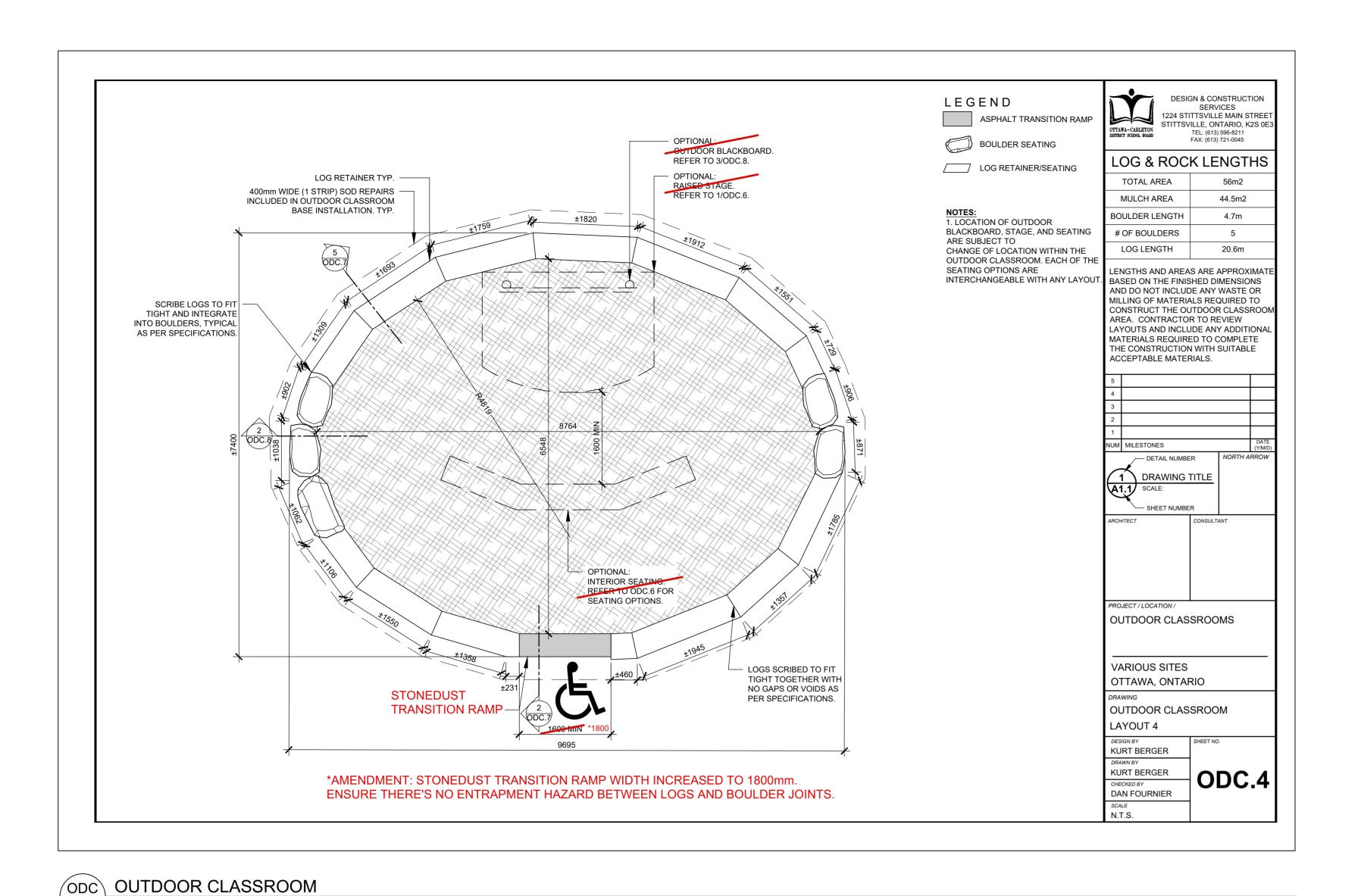
LEVEL

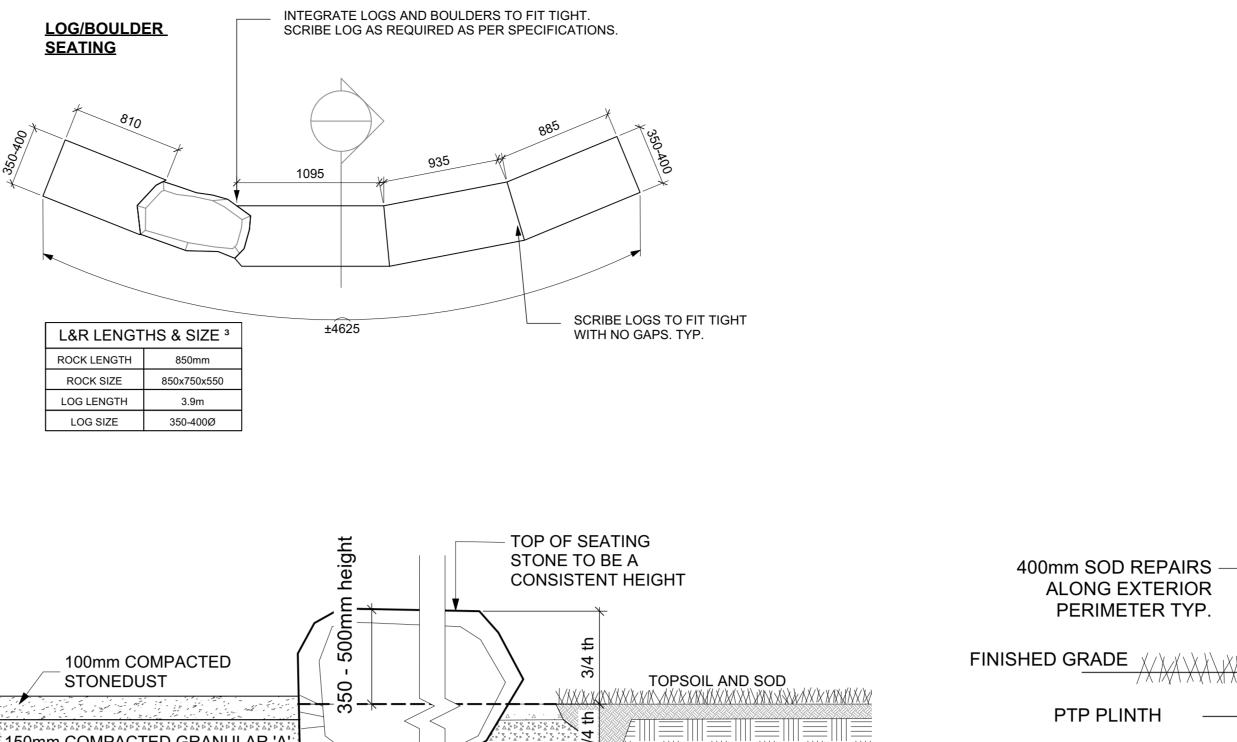
ROLLED EDGE



SUBGRADE







APPROVED COMPACTED SUBGRADE APPROVED COMPACTED SUBGRADE .1 Large, solid granite boulders (non-susceptable to frost – weathered) with flat top surface free from spalling, cracks, sharp edges, entrapment holes .2 Size of boulders: Height: 685 - 765mm; Width: 600-800mm; Length: 1000 -1500mm, or as indicated on the layout plan to

aesthetically meet the requirements of the design. .3 QTY: 15-21 stones. Additional boulders may be required to accomplish the desired concept, as per plan. .4 Boulders to be set below grade by minimum of 150mm on stable grade. .5 Top of boulder to be flat and level with the recommended sitting heights as follows, to be approved by the OCDSB's

Project Manager on site: JK/SK: 250-300mm (10-12")[1]; Primary: 300-375mm ( 12-15 ")[1]; Junior: 375-500mm ( 1 SEATING BOULDER / STONEDUST PATH
L-04 Scale: NTS

-TACTILE WARNING

SPECIES. FLATTEN TOP AND BOTTOM, SANDED SMOOTH. BEVEL ALL EXPOSED EDGES 12mm VARIES AS PER SEATING HEIGHT TABLE. REFER TO 8/ODC.7 FILTER CLOTH 15M x1200mm @ 1200mm OC REBAR **ANCHORS** 

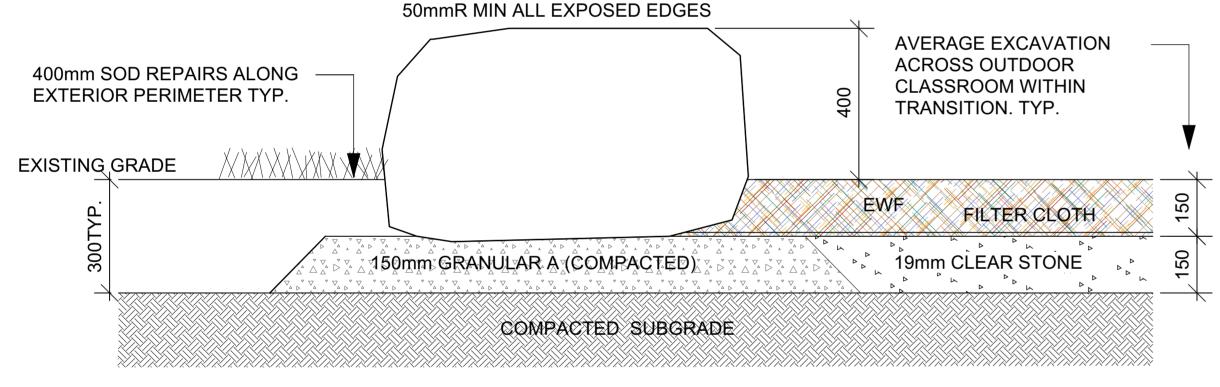
PEELED LOG TO BE CEDAR, OAK, LARCH

OR OTHER APPROVED ROT RESISTANT

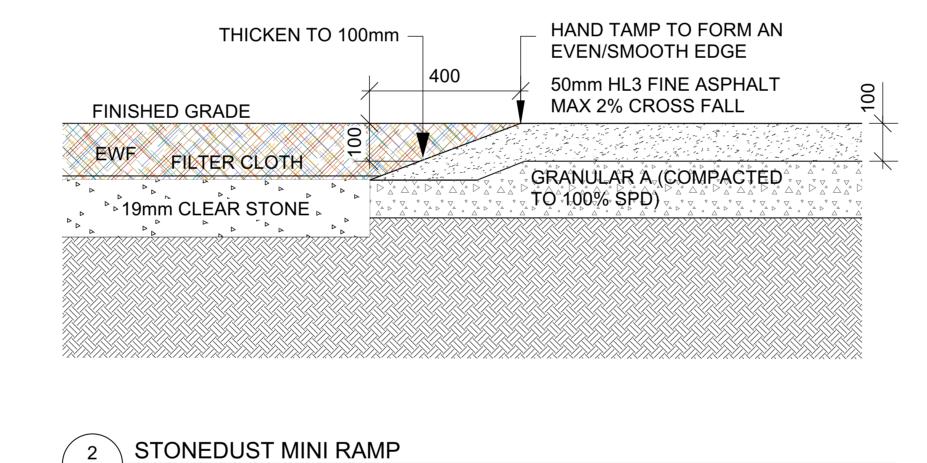
 MITRE BUTT JOINTS AND CORNERS TO FIT NEATLY. SCRIBE TO FIT TIGHTLY AGAINST BOULDERS/LOGS • IF GAPS REMAIN FILL WITH APPROX 2-3 1/4" TAPCONS BURIED 1 1/2" DEEP INTO ROCK FACE, THEN FILLED WITH NONE SHRINK GROUT COLOUR TO MATCH.

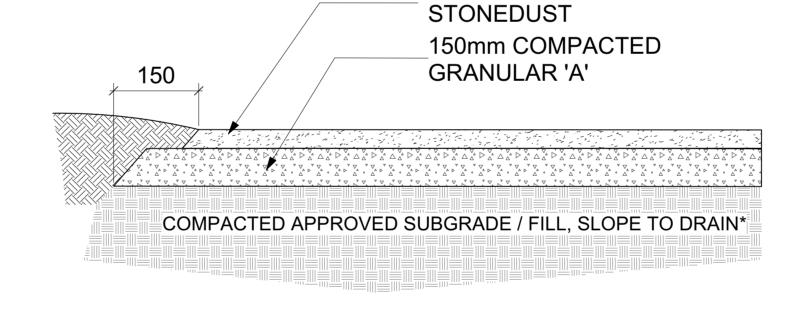
ODC.7 LOG RETAINER
L-04 Scale: NTS

100mm COMPACTED



- MIN 500 600 x 600 850mm FLAT TOP GRANITE FIELD BOULDERS. NO SPALLNG, SHARP EDGES OR CRACKS
- IF PLACED SIDE BY SIDE, CHIP/SAW OR FLATTEN FACE TO FIT TIGHTLY TOGETHER AND AVOID GAPS
- IF GAPS REMAIN FILL WITH APPROX 2-3 1/4" TAPCONS BURIED 1 1/2" DEEP INTO ROCK FACE, THEN FILLED WITH NONE
- SHRINK GROUT COLOUR TO MATCH.

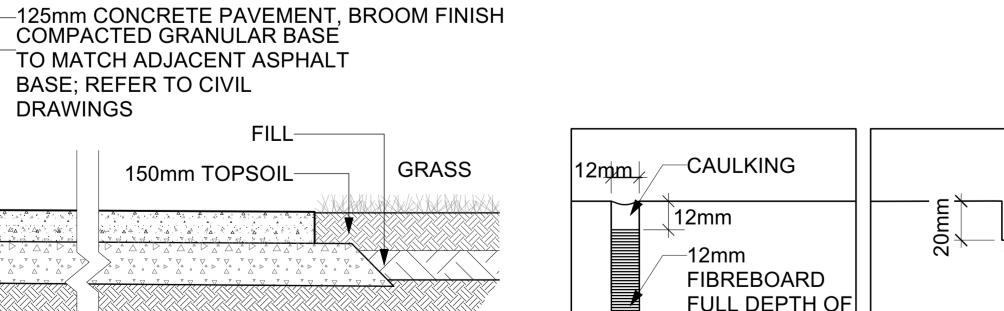




3 STONEDUST PATHWAY L-04 | Scale: NTS

# ODC.8 BOULDER RETAINER L-04 Scale: NTS

L-04 Scale: NTS



### CONCRETE:

L-04 Scale: NTS

ASPHALT

 CONCRETE TO BE CLASS C-2 (32MPa, AIR 5-8%, TYPE 10 CEMENT) SLUMP 80mm WITH A TOLERANCE OF ±30mm ).

FLUSH WITH ADJACENT ASPHALT

150mm TOPSOIL-

FILL-

BASE; REFER TO CIVIL

**DRAWINGS** 

AGGREGATE SIZE 20mm.

COMPACTED SUBGRADE

 PROVIDE SHOP DRAWINGS CONFIRMING THE LOCATIONS OF CONTROL JOINTS, ANY REQUIRED EXPANSION JOINTS.

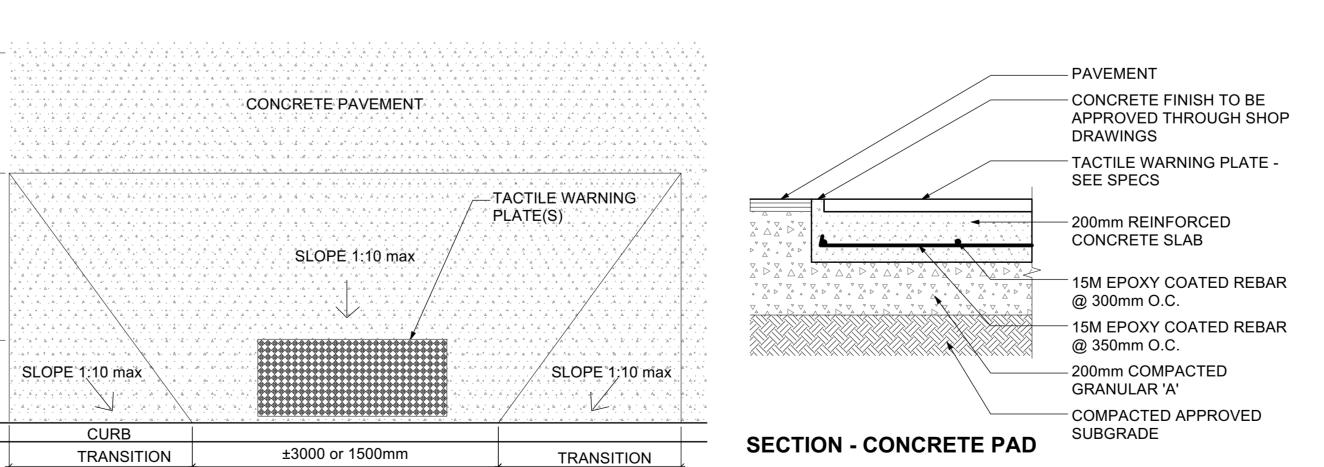
CONCRETE PAD FOR BIKE RACK

-20mm DEEI SAWCUT FULL DEPTH OF CONCRETE **EXPANSION JOINT CONTROL JOINT** 

- SAWCUT CONTROL JOINTS AND EXPANSION JOINTS AS DETAILED.
- ONLY TOOL EDGES AT OUTSIDE EDGES OF PAD.
- EXPANSION JOINTS TO BE SPACED AT 6m oc. max.

CONTROL JOINTS TO BE SPACED AT 1.5m o.c. max.

D4 TACTILE WALKING SURFACE INDICATOR (TWSI) L-04 Scale: NTS



BARRIER FREE PATH OF ACCESS AND DEPRESSED CURB TO COMPLY WITH A.O.D.A. STANDARDS AND CITY OF OTTAWA ACCESSIBLE GUIDELINES. WIDTH OF DEPRESSED CURBS AT HANDICAP PARKING STALLS IS ±1500mm. WIDTH OF DEPRESSED CURB AT DROP OFF ZONE

## **SECTION - DEPRESSED CURB**

SLOPE 1:10 max

**PLAN** 

CURB

TRANSITION

NOTE: REFER TO CITY OF OTTAWA STANDARD DETAIL

±3000 or 1500mm

DEPRESSED CURB



#### GENERAL NOTES

1.1 All general site information and conditions compiled from existing plans, surveys and consultant's field notes. Report all discrepancies prior to any work. No responsibility is born by the Consultant for unknown subsurface conditions.

.2 The location of the utilities is approximate only, and the exact location should be determined by consulting the municipal authorities and utility companies concerned. The Contractor shall prove the location of utilities and shall be responsible for adequate protection from damage.

3 All dimensions shown are to be verified on site prior to any construction. No deviations are to be made from the layouts as shown on this plan without prior consultation with the Landscape Architect and Owner.

.4 Obtain approval of Landscape Architect for granular base and layout of all pavement areas prior to construction.

.5 Stake planting locations and receive approval of Landscape Architect, prior to excavation of any planting pits. No substitutions of plant material shall be made without prior approval of the Landscape Architect.

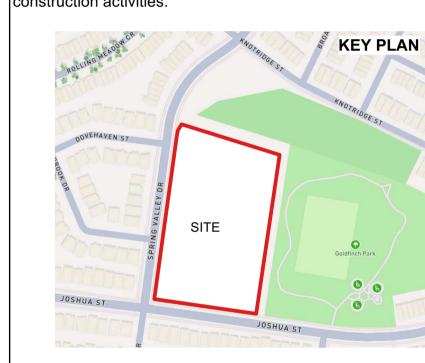
.6 Where clay is encountered proper drainage must be ensured in tree/shrub pits, prior to planting. Have method approved by Landscape Architect.

.7 All sodded areas to receive a minimum of 150mm of topsoil over graded sub-base. If sod with mesh is used, mesh to be removed completely during sodding operations. Sod shall come from an approved source and shall be laid within 24 hours of being cut in the nursery. Only nursery sod shall be used.

l.8 Final subgrade is to approved by the Landscape Architect prior to sod being laid.

.9 Maintain positive surface runoff through the entire construction period.

.10 Reinstate all areas and items damaged as a result of



	06		
	05		
	04		
	03	Reissued for SPC	2025/04/07
	02	Issued for Permit	2025/02/04
	01	Issued for Coordination	2025/01/30
	no.	revision	date
		·	

## N45 ARCHITECTURE INC.

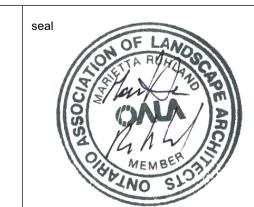
fax 613.224.9811 tel. 613.224.0095

### Ruhland & Associates Ltd landscape architecture • urban design • site planning

Ph 613-224-4744 Fx 613-224-1131

## East Urban Centre Elementary School

700 Spring Valley Dr, Ottawa, ON, K1W 0H2.



drawing title LANDSCAPE DETAILS

As Shown checked by 2025-02-25 project number drawing number N45

L-04 RA 24-1743

CONTRACTOR TO VERIFY ALL DIMENSIONS AND revision NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES. DO NOT SCALE DRAWINGS

19255