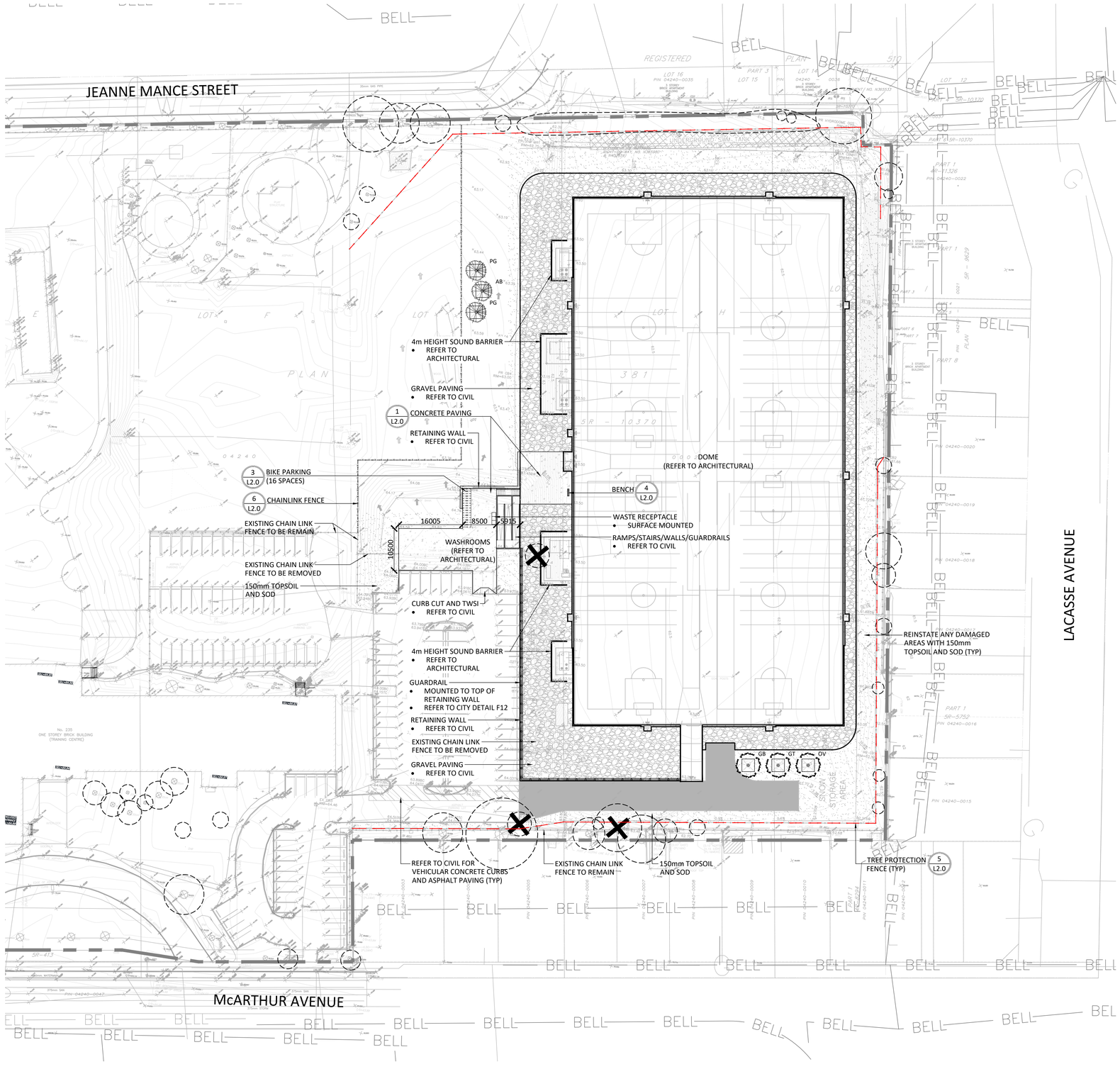


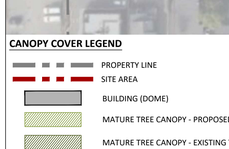
NOTES:
THE LANDSCAPE PLAN WAS PREPARED IN CONJUCTION WITH THE TREE CONSERVATION REPORT PREPARED BY NAK DESIGN STATEGIES.

ALL EXISTING SITE INFORMATION AS PER SITE SURVEY PLAN PREPARED BY STANTEC GEOMATICS LTD.

PLANT LIST

KEY	BOTANICAL NAME	COMMON NAME	QTY	SIZE	REMARKS	NATIVE
DECIDUOUS TREES - TOTAL: 3 (PRIVATELY OWNED)						
GB	GINGKO BILOBA	GINGKO	1	50mm	B&B	N
GT	GLEDITSIA TRIACANTHOS VAR. INERMIS	HONEYLOCUST	1	50mm	B&B	Y
OV	OSTRYA VIRGINIANA	IRONWOOD	1	50mm	B&B	Y
CONIFEROUS TREES - TOTAL: 3 (PRIVATELY OWNED)						
AB	ABIES BALSAMEA	BALSAM FIR	1	200cm	B&B	Y
PG	PICEA GLAUCA	WHITE SPRUCE	2	200cm	B&B	Y

SOIL VOLUME PROJECTIONS (NTS)*



TREE SOIL VOLUMES

TREE TYPE/SIZE	SINGLE TREE SOIL VOLUME	MULTIPLE TREE SOIL VOLUME (m3/TREE)
ORNAMENTAL	15	9
COLUMNAR	15	9
SMALL	20	12
MEDIUM	25	15
LARGE	30	18
CONIFER	25	15

*SOIL VOLUME CALCULATION BASED ON 1.5m DEPTH

CANOPY COVER DIAGRAM



CANOPY COVER LEGEND

PROPERTY LINE
SITE AREA
BUILDING (DOME)
MATURE TREE CANOPY - PROPOSED SITE TREE
MATURE TREE CANOPY - EXISTING TREES TO BE RETAINED

PROPOSED TREE CANOPY PROJECTIONS

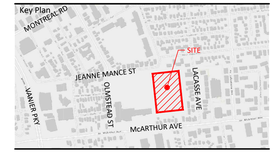
TREE TYPE/SIZE	CROWN AREA** PER TREE STANDARD RANGE (m^2)	AVERAGE CROWN AREA PER TREE USED FOR CALC. (m^2)	SITE CANOPY COVER
LARGE (0)	135-250*	192	393m^2 (ACCOUNTS FOR OVERLAP)
MEDIUM (3)	35-135*	85	
SMALL (0)	5-35*	20	
CONIFER (3)	45-96*	70	

*RANGE OF CROWN AREAS IS IN ACCORDANCE WITH PROPOSED TREES SPECIES
**CROWN AREAS ARE ACCORDING TO THE AVERAGE MATURE CANOPY SIZE OF THE RESPECTIVE SPECIES. CANOPY SIZING HAS BEEN DETERMINED IN REFERENCE TO VARIOUS ARBORICULTURAL AND BOTANICAL SOURCES, SUCH AS: ONTARIO MINISTRY OF NATURAL RESOURCES & FORESTRY (OMNRF); US FOREST SERVICE; FARRAR, J.L. TREES IN CANADA; UNIVERSITY OF GUELPH ARBORETUM; VARIOUS PUBLICATIONS

EXISTING TREE CANOPY	2,128m^2 (ACCOUNTS FOR OVERLAP)
SITE AREA	24,330m^2
TOTAL CANOPY COVER	**10.4%**

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Key Plan



LEGEND

- PROPERTY LINE
- EXISTING TREE TO BE REMOVED
- EXISTING TREE CRITICAL ROOT ZONE

FENCING

- CHAIN LINK FENCE (LOCATED 0.15M ON PRIVATE PROPERTY)
- TREE PRESERVATION FENCE

PLANTING

- MEDIUM DECIDUOUS TREE
- CONIFEROUS TREE
- SODDING

PAVING

- CIP CONCRETE PAVING
- ASPHALT PAVING

SITE FURNITURE

- BIKE RACK
- BENCH

DETAIL KEY

- 1 / L1 — DETAIL NO. / SHEET NO.

No.	Description	Date
-		
-		
-		
-		
3	Re-Issued for First Submission	Oct.07/26
2	Issued for First Submission	Sep.18/26
1	Issued for Coordination	Sep.10/26

Revision

City Approval Stamp

OWNERSHIP
CONSEIL DES ÉCOLES CATHOLIQUE DU CENTRE-EST, HORIZON-JEUNESSE; OTTAWA FOOTY SEVENS
340 Olmstead St., Ottawa, ON K1L 1B1;
500 Sandhamm Priv., Ottawa, ON K1T 2Z6

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S2 ARCHITECTURE
6th Floor, 220-12th Ave. SW, Calgary, AB T2R 0E9

LANDSCAPE ARCHITECT
NAK DESIGN STRATEGIES
1285 Wellington St., Ottawa, ON K1Y 3A8

ENGINEERING
ALVIN & MARTIN CONSULTANTS LTD.
1000 Innovation Dr., Suite 500, Kanata, ON K2K 3E7

PROPERTY INFORMATION
PARTS OF LOTS D,E,F,G,H AND I. REGISTERED PLAN 381, CITY OF OTTAWA

ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS — MEMBER — NOT FOR CONSTRUCTION

N

NAK design strategies
1285 WELLINGTON STREET, OTTAWA, ON K1Y 3A8 CANADA
T 613.237.2345 NAKDESIGNSTRATEGIES.COM

Project

HORIZON-JEUNESSE DOME
349 Olmstead Street, Ottawa ON

Title

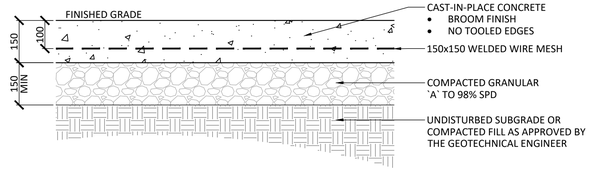
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Drawn	SW
Checked	PG
Job No.	26-200

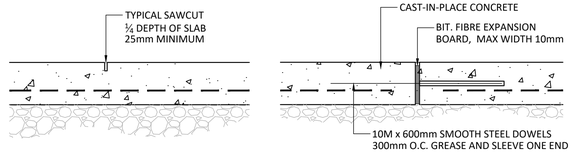
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CITY FILE N° DXX-XX-XXXX

PLAN N° XXXXX



1 LIGHT DUTY CONCRETE PAVING
1:10



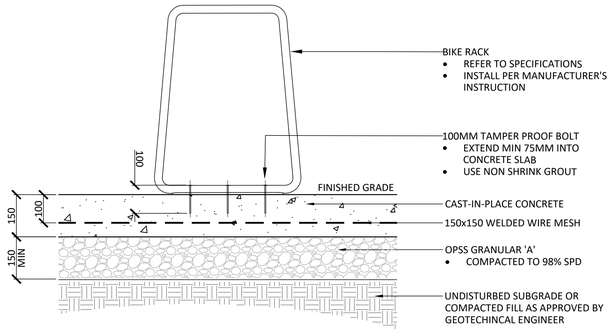
CONTROL JOINT (CJ)

NOTES:
1. REFER TO DRAWINGS FOR JOINT LAYOUT
2. SAWCUT WITHIN 48 HOURS OF POUR

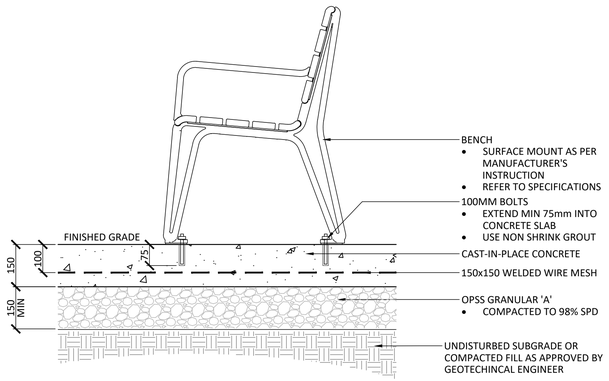
EXPANSION JOINT (EJ)

NOTES :
1. REFER TO DRAWINGS FOR JOINT LAYOUT
2. NO CAULKED JOINTS

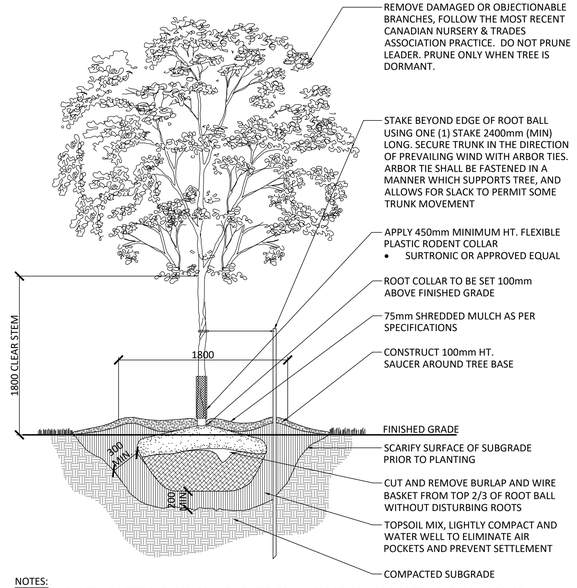
2 CONCRETE JOINTING
1:10



3 BIKE PARKING
1:10

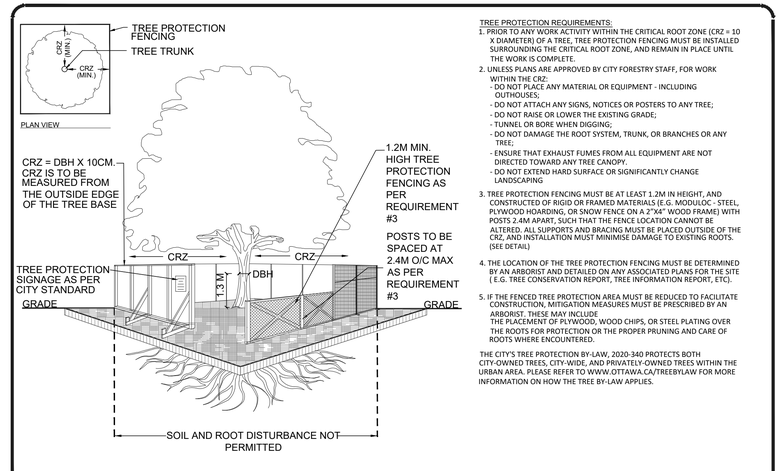


4 BENCH
1:10



NOTES:
1. REMOVE STAKE AFTER ONE YEAR OR UNTIL TAKEOVER, UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT.
2. TOPSOIL MIXTURE AND SHREDDED MULCH AS PER SPECIFICATION
3. REMOVE TREE WRAP AFTER PLANTING
4. CALIPER TO BE MEASURED AT THE BASE OF TREE AT ROOT BALL.

7 TREE PLANTING
1:30



ACCESSIBLE FORMATS AND COMMUNICATION SUPPORTS ARE AVAILABLE, UPON REQUEST

TREE PROTECTION REQUIREMENTS:
1. PRIOR TO ANY WORK ACTIVITY WITHIN THE CRITICAL ROOT ZONE (CRZ = 10 X DIAMETER) OF A TREE, TREE PROTECTION FENCING MUST BE INSTALLED SURROUNDING THE CRITICAL ROOT ZONE, AND REMAIN IN PLACE UNTIL THE WORK IS COMPLETE.
2. UNLESS PLANS ARE APPROVED BY CITY FORESTRY STAFF, FOR WORK WITHIN THE CRZ:
   - DO NOT PLACE ANY MATERIAL OR EQUIPMENT - INCLUDING OUTHOUSES;
   - DO NOT ATTACH ANY SIGNS, NOTICES OR POSTERS TO ANY TREE;
   - DO NOT RAISE OR LOWER THE EXISTING GRADE;
   - TUNNEL OR BORE WHEN DIGGING;
   - DO NOT DAMAGE THE ROOT SYSTEM, TRUNK, OR BRANCHES OR ANY TREE;
   - ENSURE THAT EXHAUST FUMES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARD ANY TREE CANOPY.
   - DO NOT EXTEND HARD SURFACE OR SIGNIFICANTLY CHANGE LANDSCAPING
3. TREE PROTECTION FENCING MUST BE AT LEAST 1.2M IN HEIGHT, AND CONSTRUCTED OF RIGID OR FRAMED MATERIALS IE.G. MODULOC - STEEL, PLYWOOD HOARDING, OR SNOW FENCE ON A 2"X4" WOOD FRAME) WITH POSTS 2.4M APART, SUCH THAT THE FENCE LOCATION CANNOT BE ALTERED. ALL SUPPORTS AND BRACING MUST BE PLACED OUTSIDE OF THE CRZ, AND INSTALLATION MUST MINIMISE DAMAGE TO EXISTING ROOTS. (SEE DETAIL)
4. THE LOCATION OF THE TREE PROTECTION FENCING MUST BE DETERMINED BY AN ARBORIST AND DETAILED ON ANY ASSOCIATED PLANS FOR THE SITE (E.G. TREE CONSERVATION REPORT, TREE INFORMATION REPORT, ETC).
5. IF THE FENCED TREE PROTECTION AREA MUST BE REDUCED TO FACILITATE CONSTRUCTION, MITIGATION MEASURES MUST BE PRESCRIBED BY AN ARBORIST. THESE MAY INCLUDE THE PLACEMENT OF PLYWOOD, WOOD CHIPS, OR STEEL PLATING OVER THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND CARE OF ROOTS WHERE ENCOUNTERED.

THE CITY'S TREE PROTECTION BY-LAW, 2020-340 PROTECTS BOTH CITY-OWNED TREES, CITY-WIDE, AND PRIVATELY-OWNED TREES WITHIN THE URBAN AREA. PLEASE REFER TO WWW.OTTAWA.CA/TREEBYLAW FOR MORE INFORMATION ON HOW THE TREE BY-LAW APPLIES.

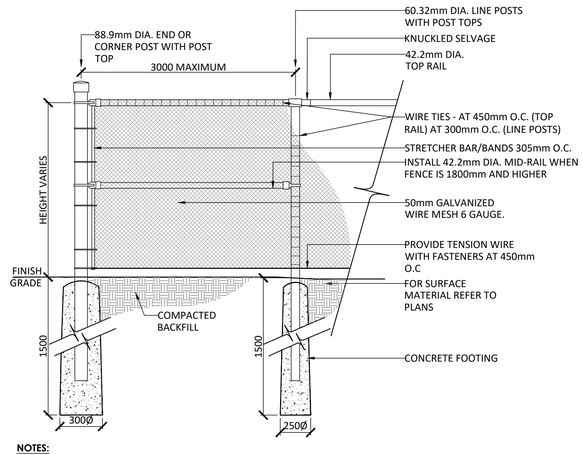
Ottawa

TREE PROTECTION SPECIFICATION

TO BE IMPLEMENTED FOR RETAINED TREES, BOTH ON SITE AND ON ADJACENT SITES, PRIOR TO ANY TREE REMOVAL OR SITE WORKS AND MAINTAINED FOR THE DURATION OF WORK ACTIVITIES ON SITE.

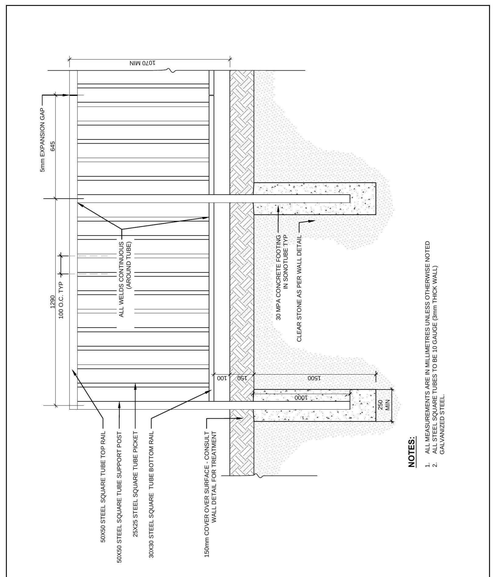
SCALE: NTS
DATE: MARCH 2021
DRAWING NO.: 1 of 1

5 TREE PROTECTION FENCE
NTS



NOTES:
1. IF FENCE IS TO BE BLACK VINYL, THE FENCE SHOULD BE 9 GAUGE GALVANIZED WIRE CORE WITH BLACK VINYL COATING TO PROVIDE A TOTAL OF 6 GAUGE THICKNESS
2. POSTS, RAILS AND ALL OTHER HARDWARE SHOULD BE ELECTROSTATIC PAINTED
3. CONCRETE FOOTING SHALL BE CSA 30MPa CLASS F-1

6 CHAINLINK FENCE
1:20



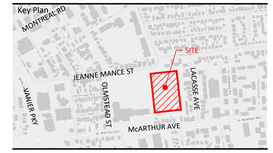
Ottawa

TITLE: STEEL GUARDRAIL
DATE: JAN 2015
REV:
DWG No: F12

7 GUARDRAIL
NTS

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Key Plan



No.	Description	Date
-		
-		
-		
-		
3	Re-Issued for First Submission	Oct.07/26
2	Issued for First Submission	Sep.18/26
1	Issued for Coordination	Sep.10/26

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340 Olmstead St., Ottawa, ON K1L 1B1;
500 Sandhamns Priv., Ottawa, ON K1T 2Z6

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6th Floor, 220-12th Ave. SW, Calgary, AB T2R 0E9

LANDSCAPE ARCHITECT
NAK DESIGN STRATEGIES
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ENGINEERING
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ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO — SYNNO TARGET A — MEMBER — OALA

NOT FOR CONSTRUCTION

NAK design strategies
1285 WELLINGTON STREET, OTTAWA, ON K1Y 3A8 CANADA
T 613.237.2345 NAKDESIGNSTRATEGIES.COM

Project

HORIZON-JEUNESSE DOME
349 Olmstead Street, Ottawa ON

Title

LANDSCAPE DETAILS

Date	2026-08-17
Scale	AS NOTED
Drawn	SW
Checked	PG
Job No.	26-200

Sheet: L2.0

CITY FILE N° DXX-XX-XX-XXXX

PLAN N° XXXXX