

Key Plan

No.	Revision	Date
4	ISSUED FOR SPA	20 11 2020
3	ISSUED FOR CO-ORDINATION	05 08 2020
2	ISSUED FOR CO-ORDINATION	27 07 2020
1	ISSUED FOR REVIEW	09 07 2020

North: Stamp:

CSW Landscape Architecture
Urban Design
Site Planning
Recreation and Park Planning
Project Management

319 McRae Avenue, Suite 502, Ottawa, Ontario, K1Z 0B9
Tel: (613) 729-4536

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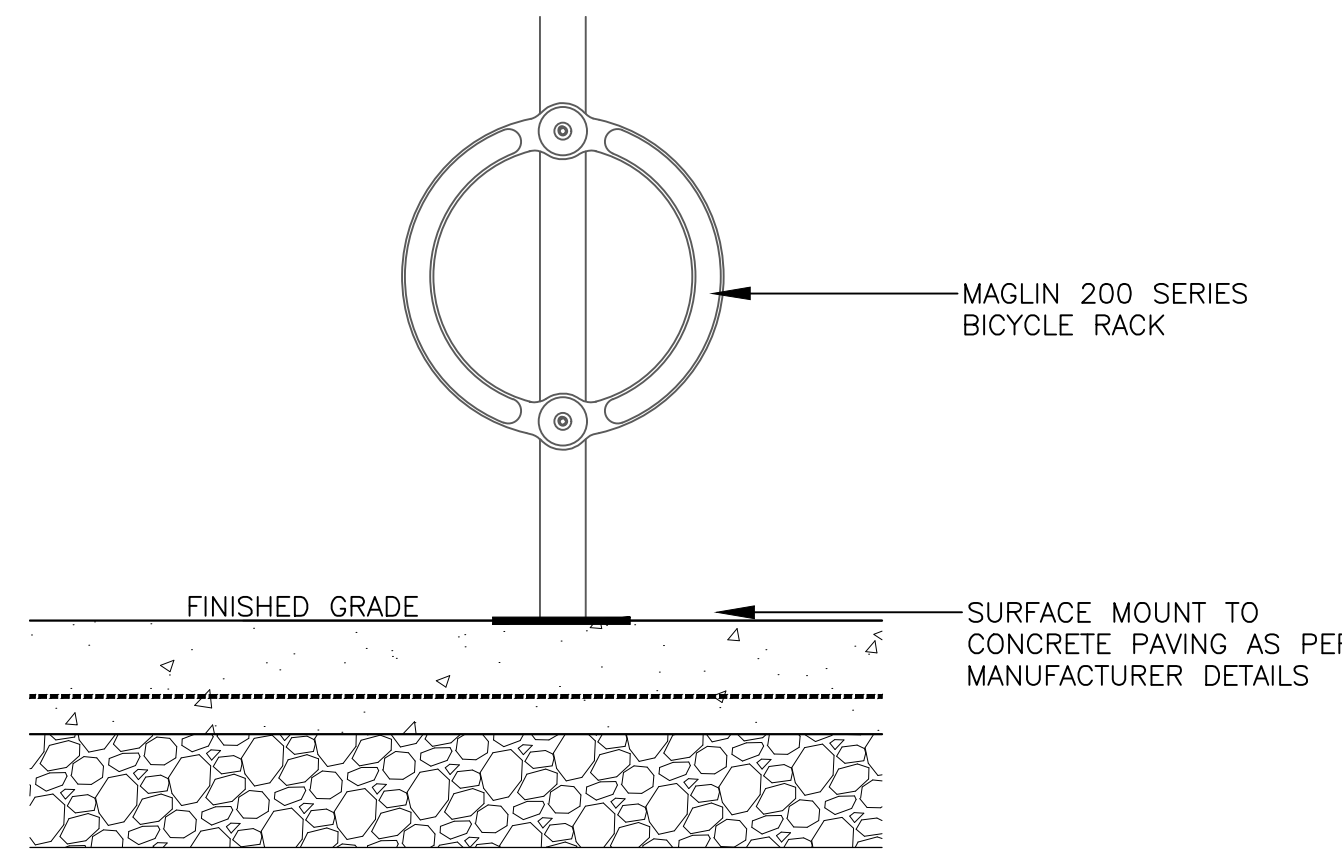
Project:
**Le Groupe Maurice
Centrum Retirement**

211 Centrum Blvd.
OTTAWA, ONTARIO

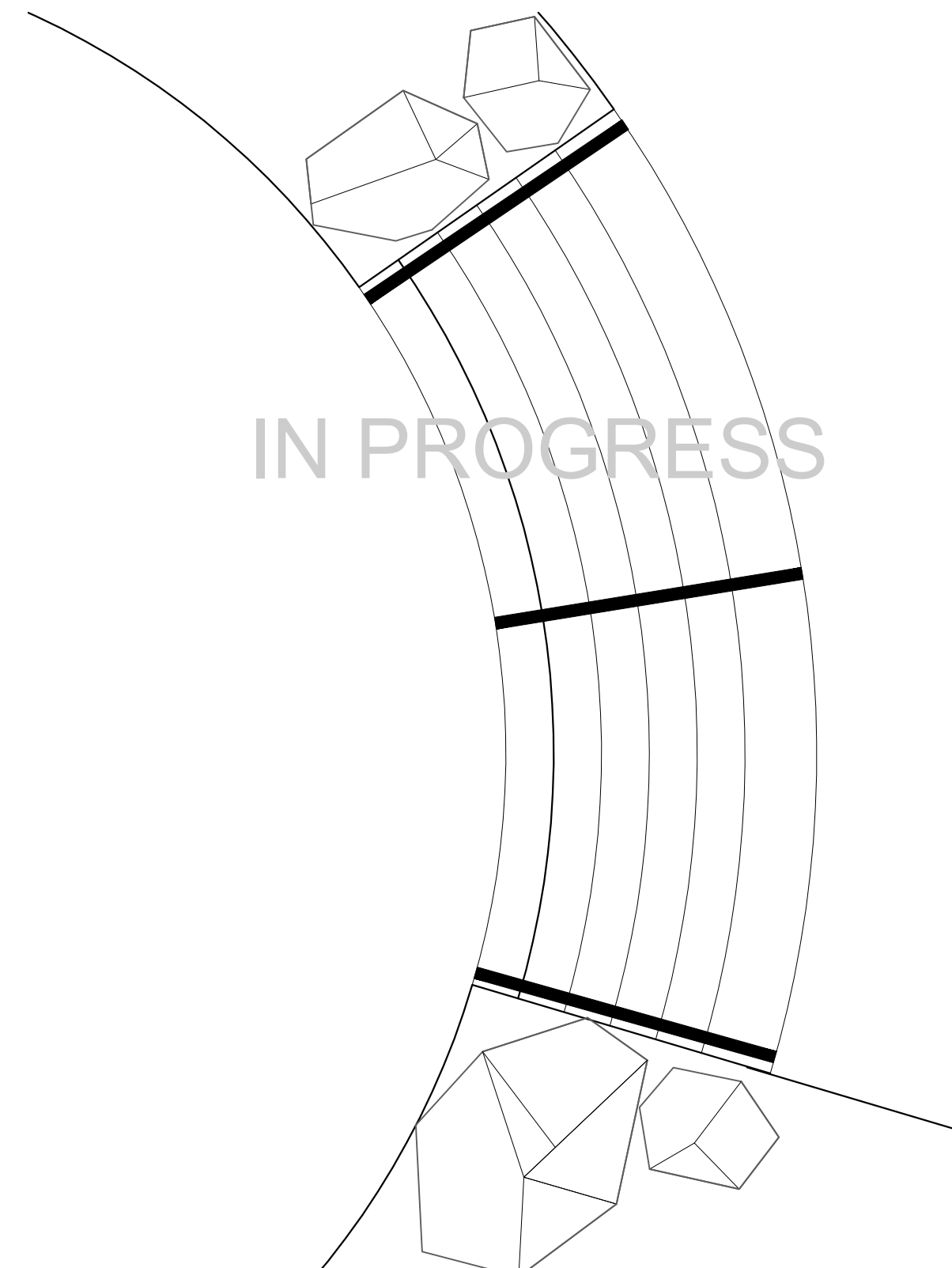
Drawing: **LANDSCAPE DETAILS**

Scale:	Date: May 2020
Design By: SE	Drawn By: SE
Project Number: 2051-01	Sheet Number: L 2.0

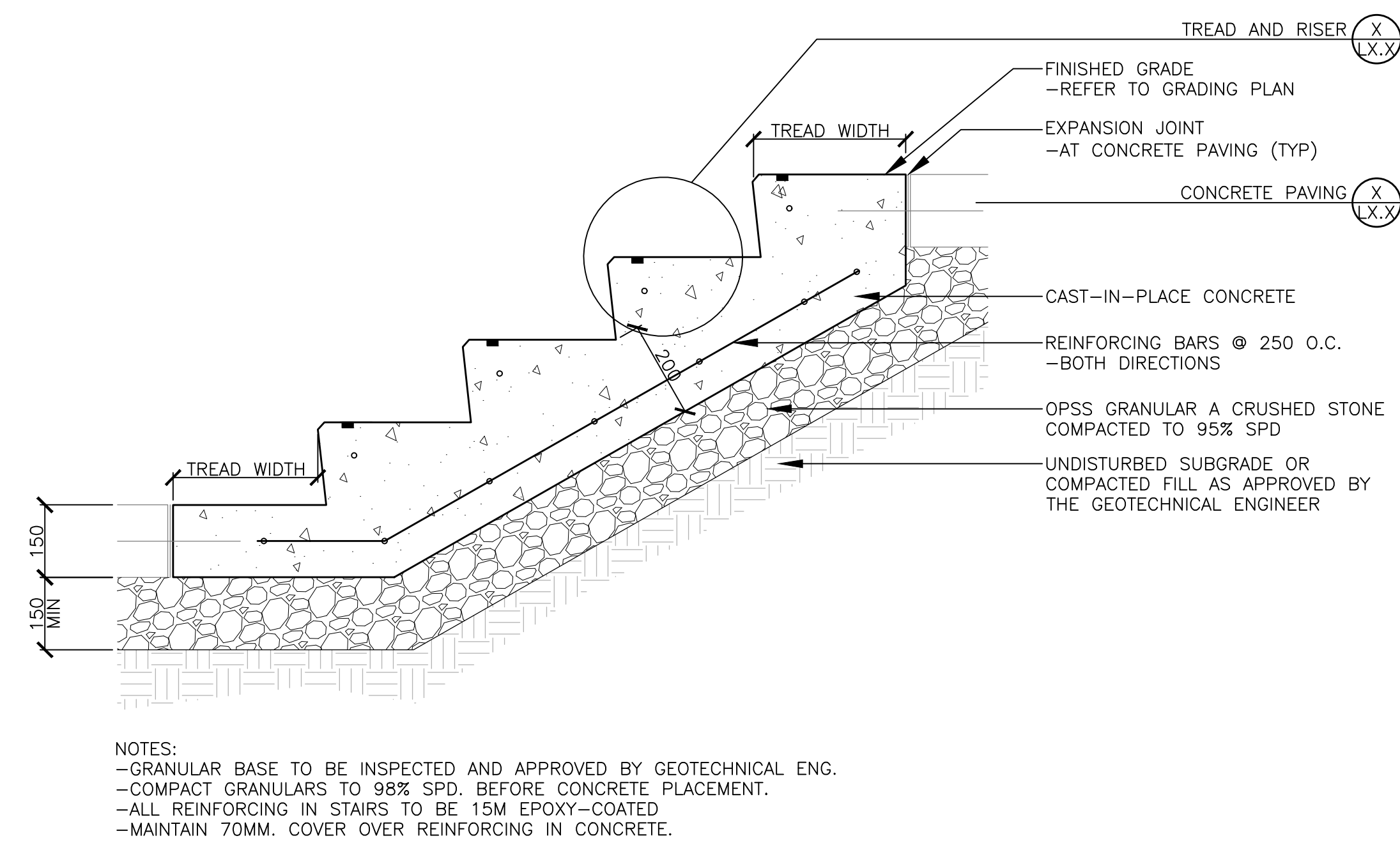
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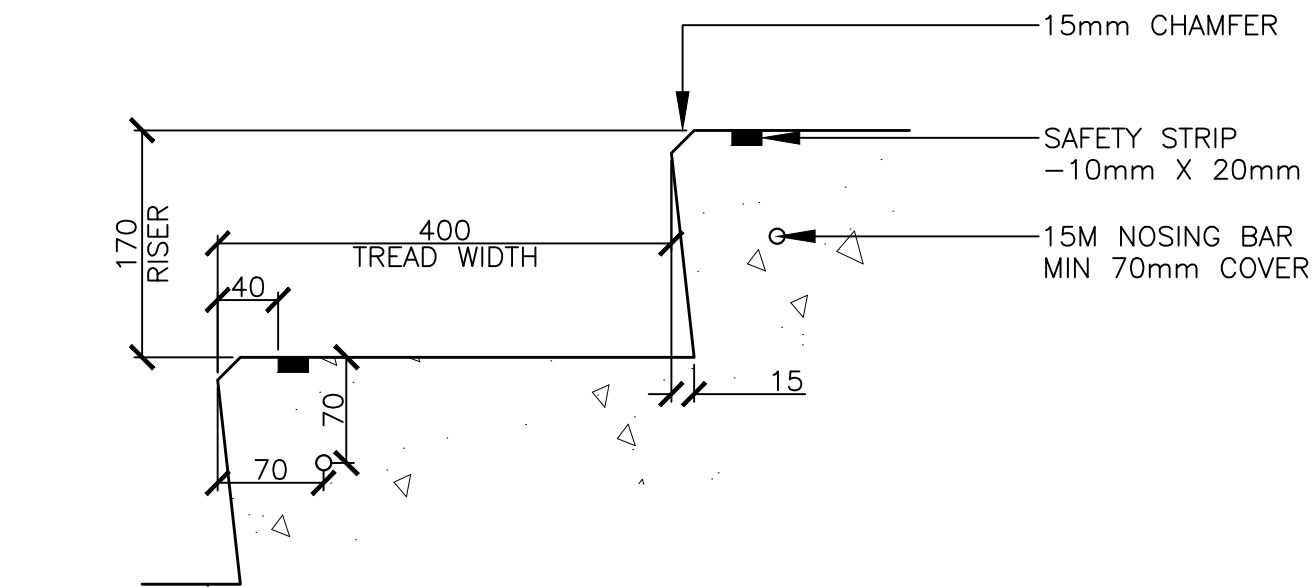
1 BICYCLE RACK Scale 1:10



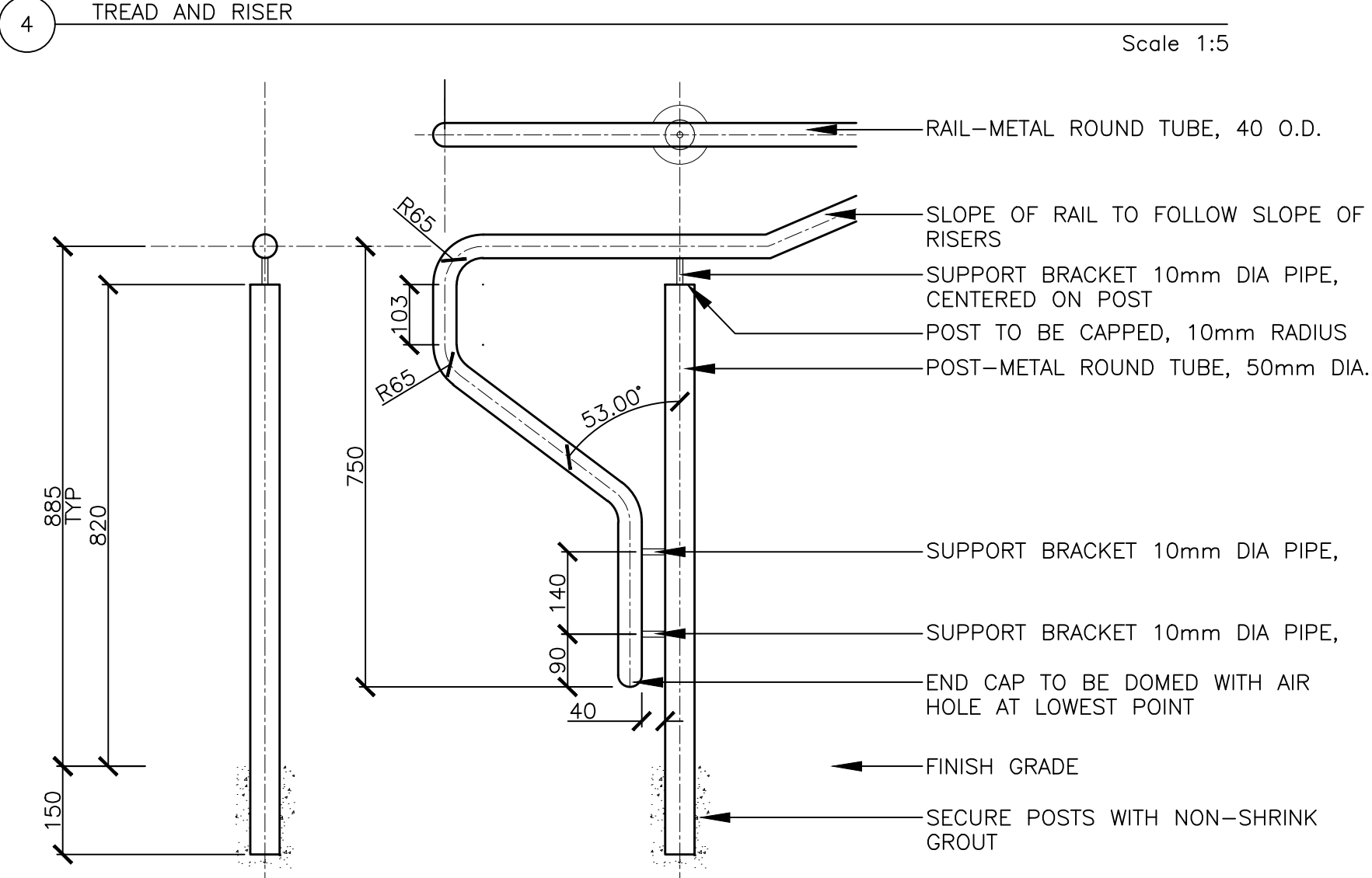
2 CONCRETE STEPS (PLAN VIEW) Scale 1:10



3 CONCRETE STEPS (CROSS SECTION) Scale 1:10

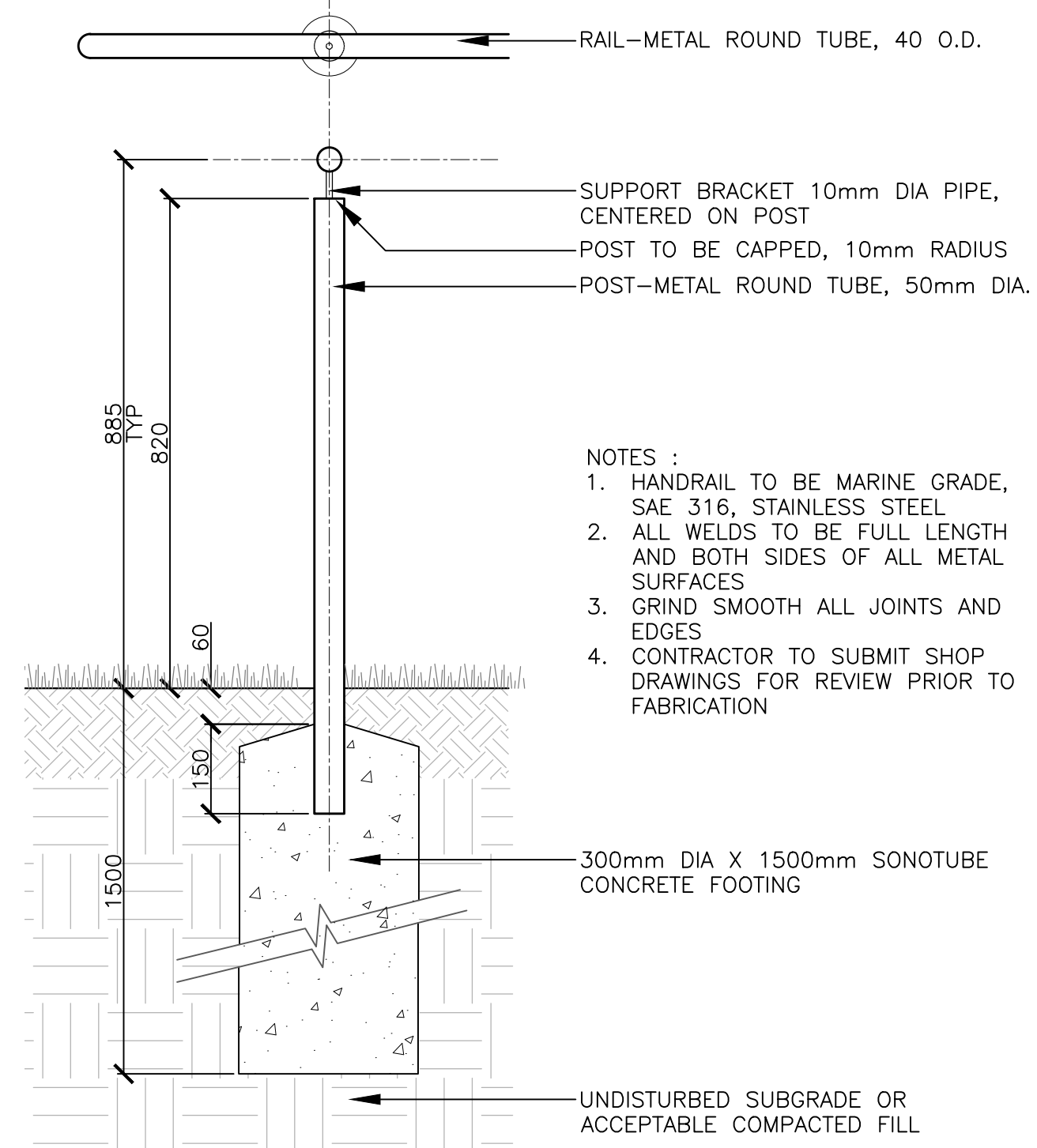


NOTES:
 • ALL RISERS AS PART OF SET OF STAIRS SHALL HAVE THE SAME HEIGHT AND WIDTH OF TREAD
 • SAFETY STRIP
 -CARBORUNDUM / EPOXY MIX
 -RAISED TEXTURE SET INTO EACH STAIR TREAD
 • TERMINATE SAFETY STRIP 50mm FROM EDGE OF STAIRS
 • SLOPE TREADS TO DRAIN AT 1% (ENSURE POSITIVE DRAINAGE ON ALL TREADS)
 • ALL EXPOSED SURFACES TO BE TROWELED WITH MEDIUM SANDBLAST FINISH (ENSURE NON SLIP SURFACE)
 • REFER TO CIVIL FOR GRADING AND RISER HEIGHTS

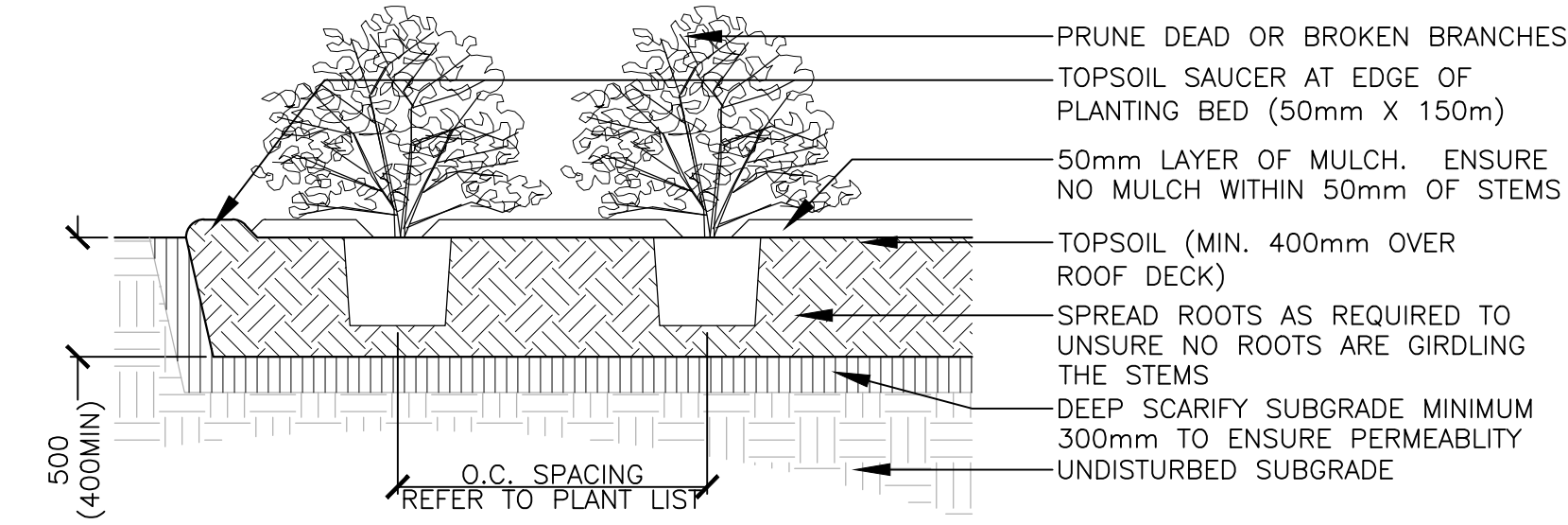


NOTES:
 1. HANDRAIL TO BE MARINE GRADE, SAE 316, STAINLESS STEEL
 2. ALL WELDS TO BE FULL LENGTH AND BOTH SIDES OF ALL METAL SURFACES
 3. GRIND SMOOTH ALL JOINTS AND EDGES
 4. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION

5 HANDRAIL AT CONCRETE STEPS Scale 1:10

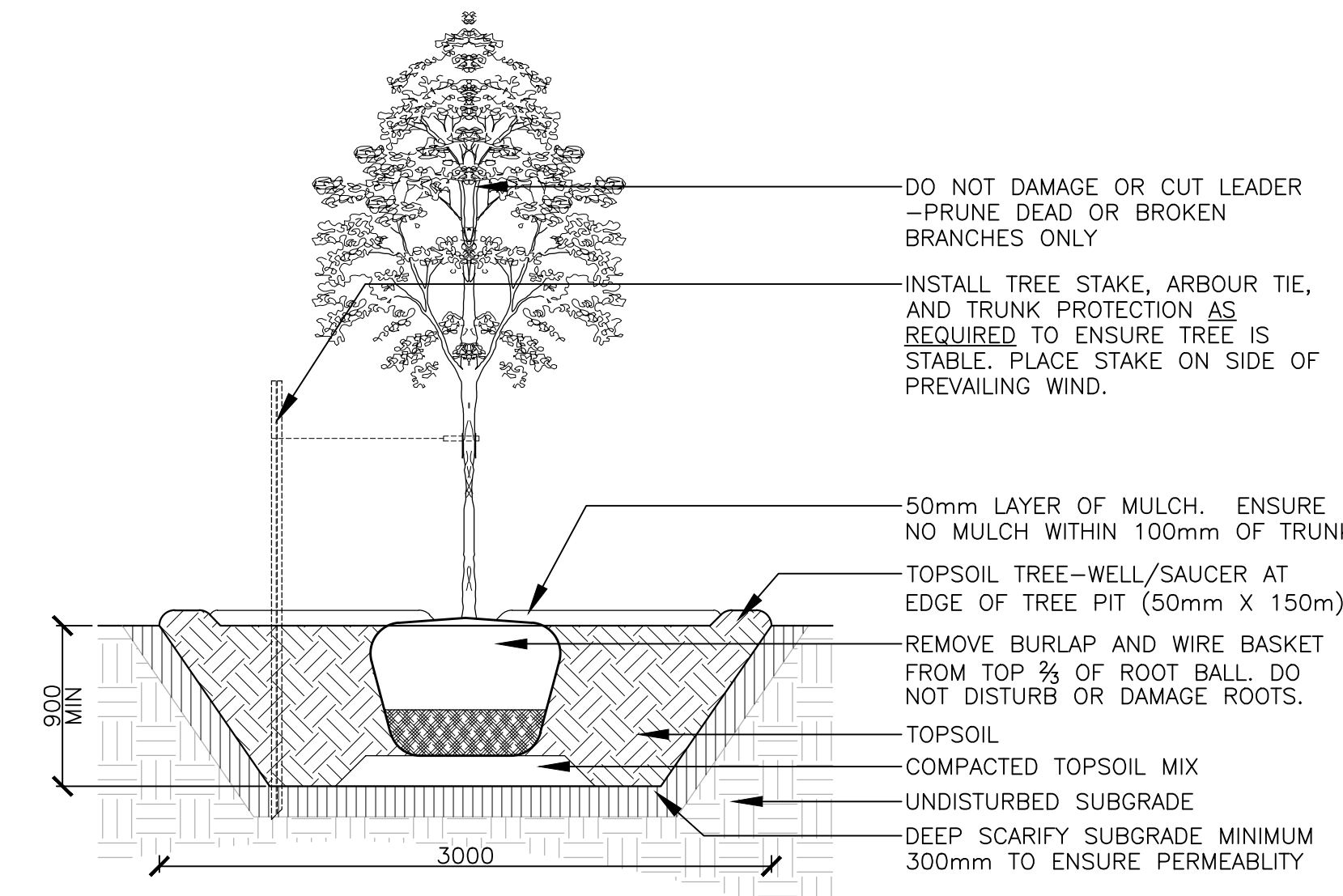


6 HANDRAIL AT PATHWAY Scale 1:10



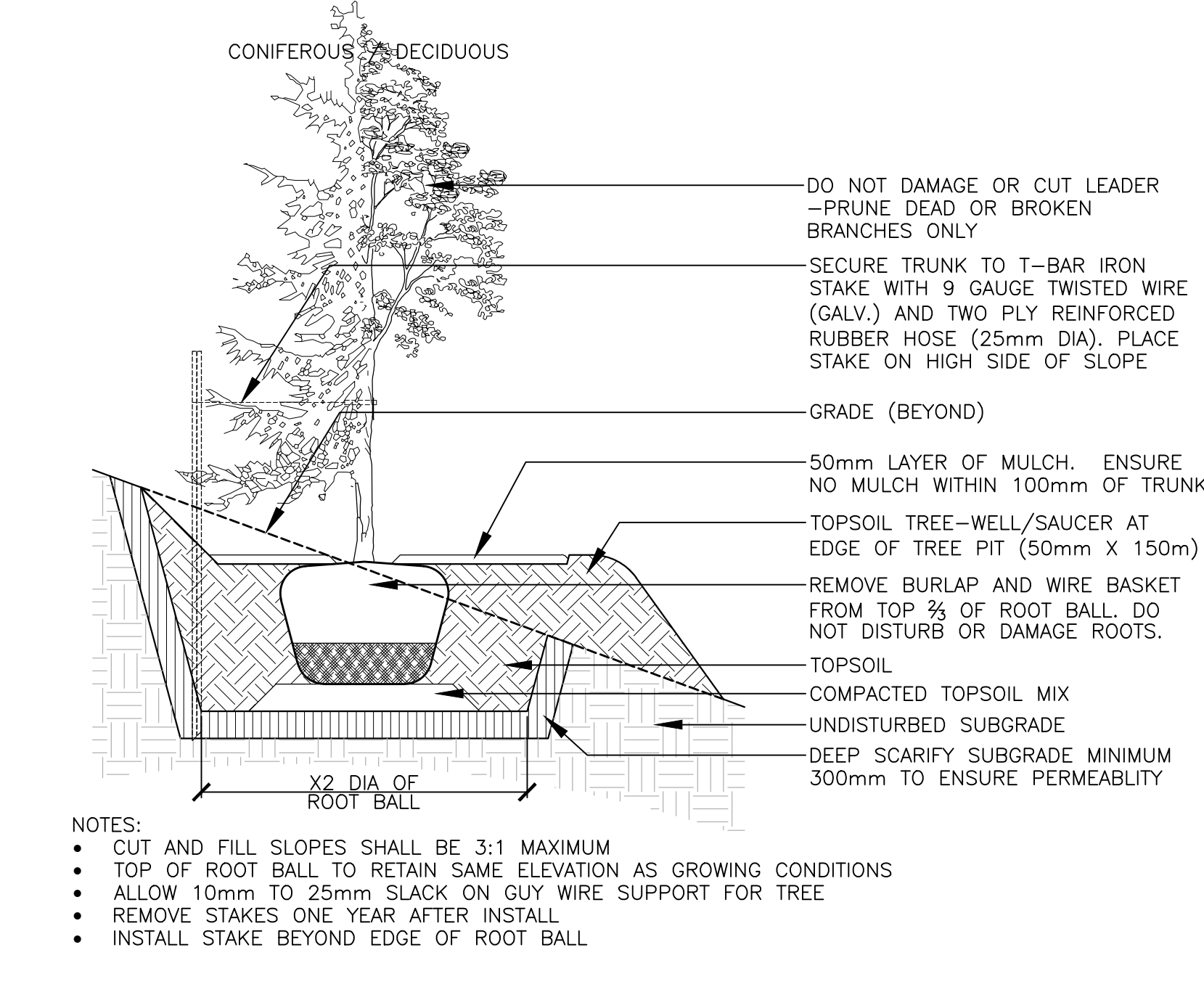
NOTES:
 • TOP OF ROOT BALL TO RETAIN SAME ELEVATION AS GROWING CONDITIONS

7 SHRUB PLANTING Scale 1:30



NOTES:
 • TREE STAKES ARE GENERALLY ARE TO BE USED FOR CONDITIONS WHERE THE INSTALLED TREE IS UNSTABLE AND/OR BECOMES UNSTABLE
 • ALLOW 10mm TO 25mm SLACK ON ARBOUR TIE SUPPORT FOR TREE
 • TOP OF ROOT BALL TO RETAIN SAME ELEVATION AS GROWING CONDITIONS
 • REMOVE STAKES ONE YEAR AFTER INSTALL
 • INSTALL STAKE BEYOND EDGE OF ROOT BALL

8 TREE PLANTING Scale 1:30



9 TREE PLANTING ON SLOPE Scale 1:30

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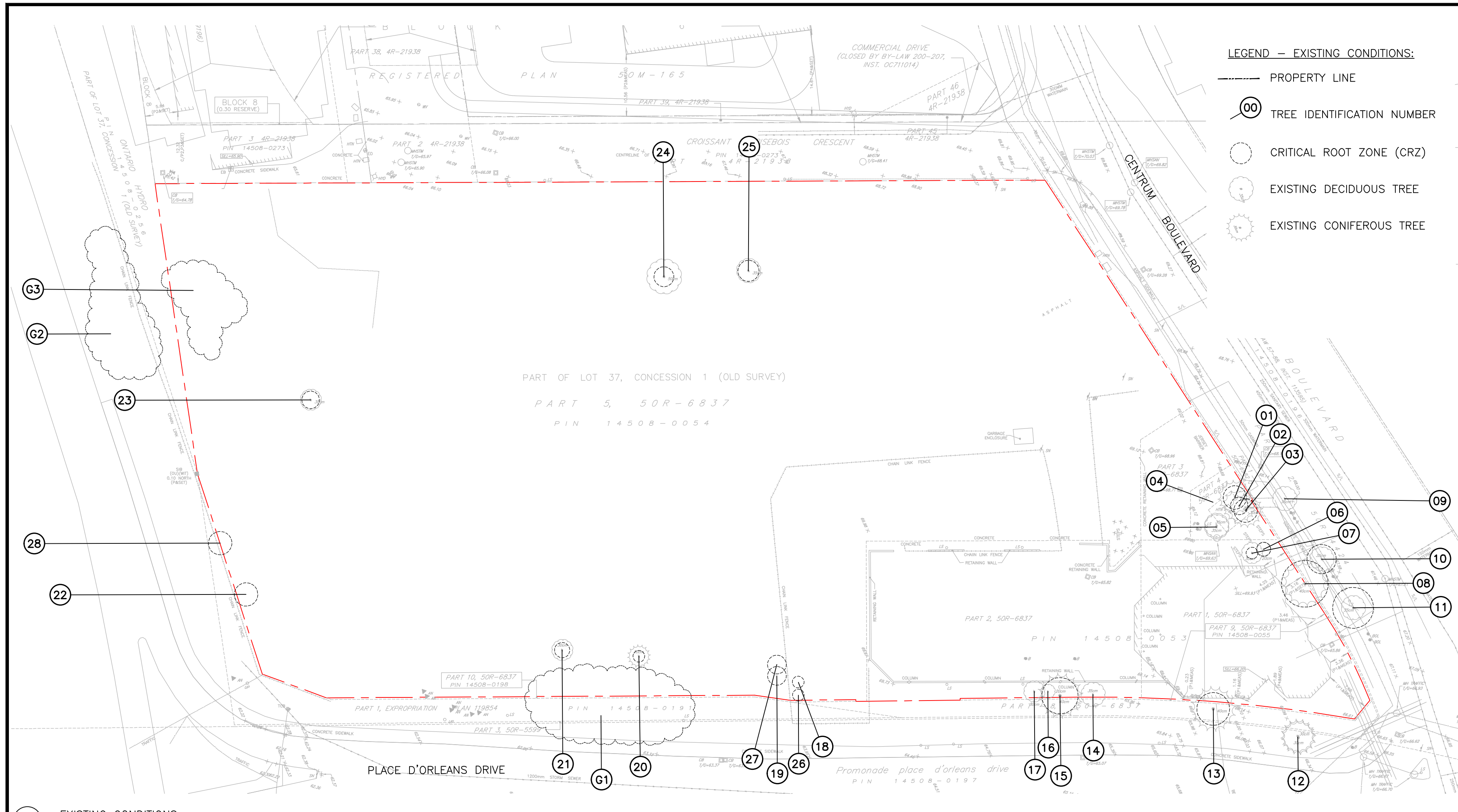
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Project:
Le Groupe Maurice Centrum Retirement
 211 Centrum Blvd.
 OTTAWA, ONTARIO

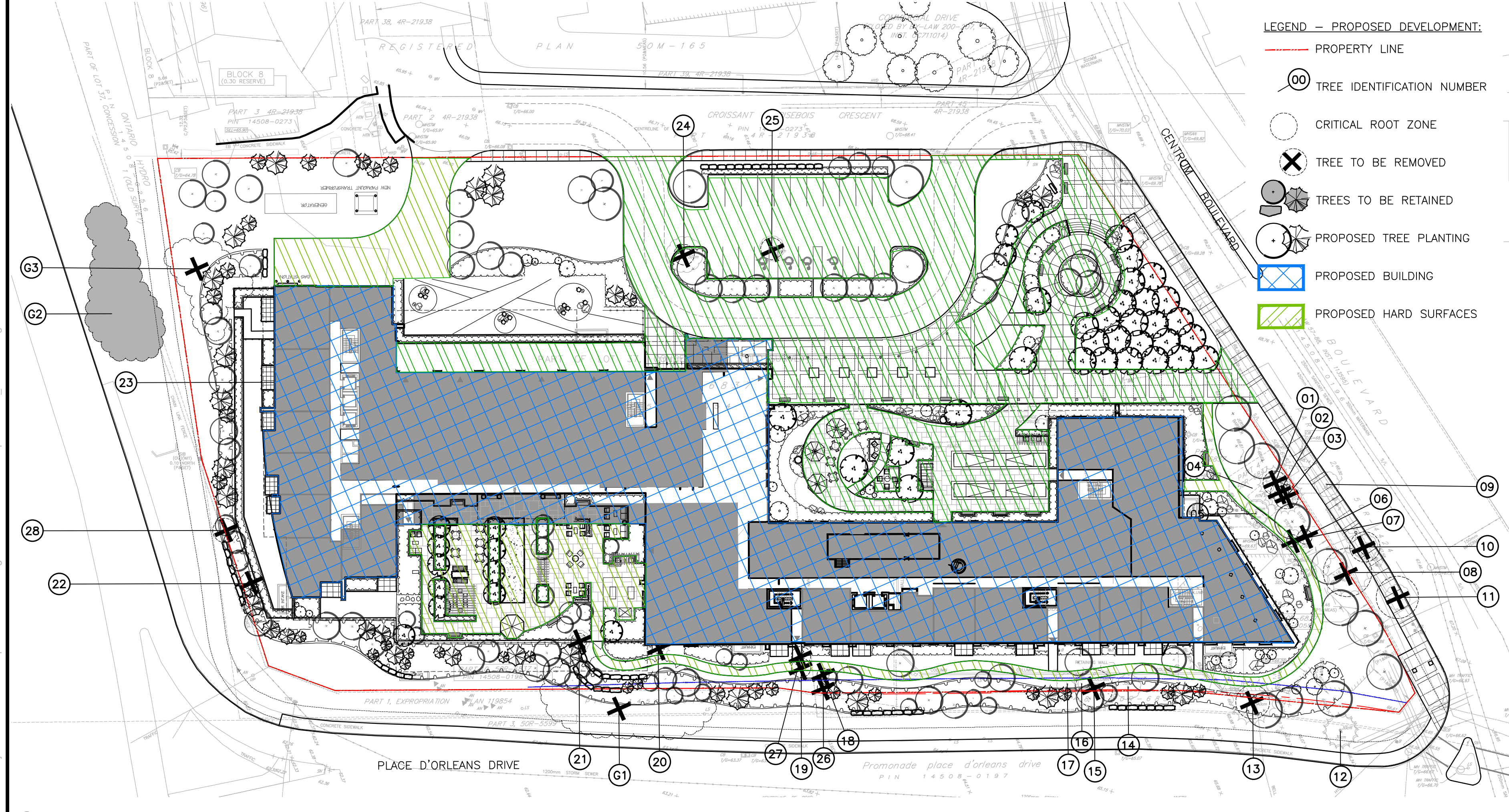
Drawing:
LANDSCAPE DETAILS

Scale:	Date: May 2020
Design By: SE	Drawn By: SE
Project Number: 2051-01	Sheet Number: L 2.1



- LEGEND — EXISTING CONDITIONS:**
- PROPERTY LINE
 - 00 TREE IDENTIFICATION NUMBER
 - CRITICAL ROOT ZONE (CRZ)
 - EXISTING DECIDUOUS TREE
 - EXISTING CONIFEROUS TREE

1 EXISTING CONDITIONS Scale: 1:500



- LEGEND — PROPOSED DEVELOPMENT:**
- PROPERTY LINE
 - 00 TREE IDENTIFICATION NUMBER
 - CRITICAL ROOT ZONE
 - ✗ TREE TO BE REMOVED
 - TREES TO BE RETAINED
 - PROPOSED TREE PLANTING
 - PROPOSED BUILDING
 - ▨ PROPOSED HARD SURFACES

2 PROPOSED DEVELOPMENT Scale: 1:500

Tree #	Botanical Name	Common Name	Caliper (cm)	Condition	High Quality Tree	Rare Tree	Comments	To Be Preserved
1	Juniperus virginiana	Eastern Red Cedar	20	Good	No	No	Privately owned, Asymmetrical canopy, Die-back ~5% @ canopy, Single stem	No
2	Juniperus virginiana	Eastern Red Cedar	12, 10, 10	Good	No	No	Privately owned, Asymmetrical canopy, Single stem, Co-dominant leaders: 3 @ ~0.25m above grade	No
3	Juniperus virginiana	Eastern Red Cedar	19	Good	No	No	Privately owned, Asymmetrical canopy, Single stem	No
4				Missing	No	No		
5				Missing	No	No		
6	Malus spp.	Crabapple	12	Poor	No	No	Privately owned, Asymmetrical canopy, Die-back ~10% @ branches, Single stem, Heart rot @ trunk	No
7	Malus spp.	Crabapple	10, 10, 8	Moderate	No	No	Privately owned, Symmetrical canopy, Single stem, Co-dominant leaders: 3 @ ~0.3m above grade, Bark rot @ cavities	No
8	Picea glauca	White Spruce	37	Good	No	No	Privately owned, Symmetrical canopy, Pruned @ lower limbs, Single stem	No
9				Missing	No	No		
10	Tilia cordata	Littleleaf Linden	25	Good	No	No	City owned, Symmetrical canopy, Single stem, Bark rot @ crotches, Included bark	No
11	Tilia cordata	Littleleaf Linden	28	Good	No	No	City owned, Symmetrical canopy, Pruned @ branches, Poor branch angle, Single stem, Bark rot @ cavities, Included bark	No
12				Missing	No	No		
13	Pinus nigra	Austrian Pine	28, 22	Good	No	No	Privately owned, Symmetrical canopy, Single stem, Co-dominant leaders: 2 @ 0.5m above grade	No
14				Dead	No	No		
15	Pinus nigra	Austrian Pine	31	Good	No	No	Privately owned, Symmetrical canopy, Single stem	No
16				Dead	No	No		
17				Dead	No	No		
18	Populus deltoides	Eastern Cottonwood	10, 11	Moderate	No	No	Privately owned, Symmetrical canopy, Multi stem: 2, Bark rot @ cavities	No
19	Ulmus americana	American Elm	16	Moderate	No	No	Privately owned, Asymmetrical canopy, Single stem, Co-dominant leaders: 2 @ ~2m above grade	No
20	Fraxinus americana	White Ash	10	Moderate	No	No	Privately owned, Asymmetrical canopy, Poor branch angle, Single stem, Co-dominant leaders: 3 @ 2m above grade	No
21	Acer negundo	Manitoba Maple	13	Moderate	No	No	Privately owned, Asymmetrical canopy, Single stem, Co-dominant leaders: 3 @ ~1m above grade	No
22	Ulmus americana	American Elm	16	Moderate	No	No	Privately owned, Single stem, Included bark	No
23	Acer negundo	Manitoba Maple	10-15	Good	No	No	Privately owned, Symmetrical canopy, Single stem, Co-dominant leaders: 4 @ ~0.2m above grade	No
24	Acer negundo	Manitoba Maple	17, 15	Moderate	No	No	Privately owned, Symmetrical canopy, Single stem, Co-dominant leaders: 2 @ ~0.1m above grade, Included bark	No
25	Acer negundo	Manitoba Maple	18	Good	No	No	Privately owned, Single stem, Bark rot @ base	No
26	Ulmus americana	American Elm	10	Moderate	No	No	Privately owned, Asymmetrical canopy, Poor branch angle, Single stem	No
27	Ulmus americana	American Elm	12	Moderate	No	No	Privately owned, Asymmetrical canopy, Poor branch angle, Single stem, Grown into fence	No
28	Ulmus americana	American Elm	14	Moderate	No	No	Privately owned, Symmetrical canopy, Single stem, Co-dominant leaders: 3 @ ~1.5m above grade	No
G1	Group: Populus/Fraxinus/Acer mix	Poplar, Ash, Maple	10-20	Poor - Moderate	No	No	City & Privately owned.	No
G2	Group: Acer spp. mix	Maple	10-25	Moderate - Good	No	No	City owned	Yes
G3	Group: Rhus & Acer negundo mix	Sumac & Manitoba Maple	<10	Moderate	No	No	Privately owned	No

- NOTES:**
- THE EXISTING PROPERTY CONTAINS A 2-STORY BUILDING, PARKING GARAGE, AND SURFACE PARKING, LOCATED AT THE SOUTH-END OF THE SITE ADJACENT TO CENTRUM BOULEVARD. THE NORTHERN PORTION OF THE SITE IS CURRENTLY UNDEVELOPED AND CONSISTS OF SLOPING TOPOGRAPHY WITH ROCKY TERRAIN. EXISTING VEGETATION IS PRIMARILY COMPRISED OF SUMAC, AND OTHER RUDDERAL TREE/SHRUB SPECIES, WITH THE EXCEPTION OF TREES THAT WERE PLANTED ADJACENT TO THE EXISTING STRUCTURES (SOUTH-WEST OF SITE), ALONG CENTRUM BOULEVARD AND PLACE D'ORLEANS DRIVE.
 - APPROXIMATELY 1600 m² OF THE SITE IS CURRENTLY OCCUPIED BY AN EXISTING BUILDING AND CONCRETE PARKING STRUCTURE.
 - APPROXIMATELY 4900 m² TO BE COVERED BY THE PROPOSED BUILDING FOOTPRINTS.
 - APPROXIMATELY 5000 m² TO BE HARD SURFACES.
 - THE PROPOSED DEVELOPMENT REQUIRES THE REMOVAL OF TWENTY-THREE (23) TREES.
 - A TOTAL OF TWO HUNDRED AND FOUR (204) NEW TREES ARE PROPOSED TO BE PLANTED REFER TO LANDSCAPE PLAN L1.0 FOR TREE SPECIES.
 - FOR RETAINED TREES:
 - ERECT A FENCE AT THE CRITICAL ROOT ZONE (CRZ) OF TREES;
 - DO NOT PLACE ANY MATERIAL OR EQUIPMENT WITHIN THE CRZ OF THE TREE;
 - DO NOT ATTACH ANY SIGNS, NOTICES OR POSTERS TO ANY TREE;
 - DO NOT RAISE OR LOWER THE EXISTING GRADE WITHIN THE CRZ WITHOUT APPROVAL;
 - TUNNEL OR BORE WHEN DIGGING WITHIN THE CRZ OF A TREE
 - DO NOT DAMAGE THE ROOT SYSTEM, TRUNK OR BRANCHES OF ANY TREE;
 - ENSURE THAT EXHAUST FUMES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARDS ANY TREE'S CANOPY.

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Drawing:
Tree Conservation Report

Scale:	1:500	Date:	20 NOV, 2020
Design By:	SE	Drawn By:	SE/PG
Project Number:	2051-01	Sheet Number:	TCR 1.0

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