
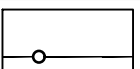
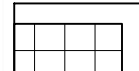
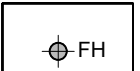

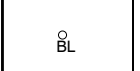


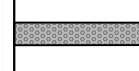
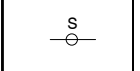

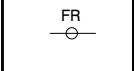

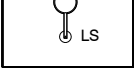
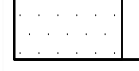
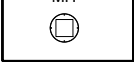


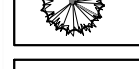
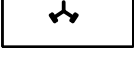

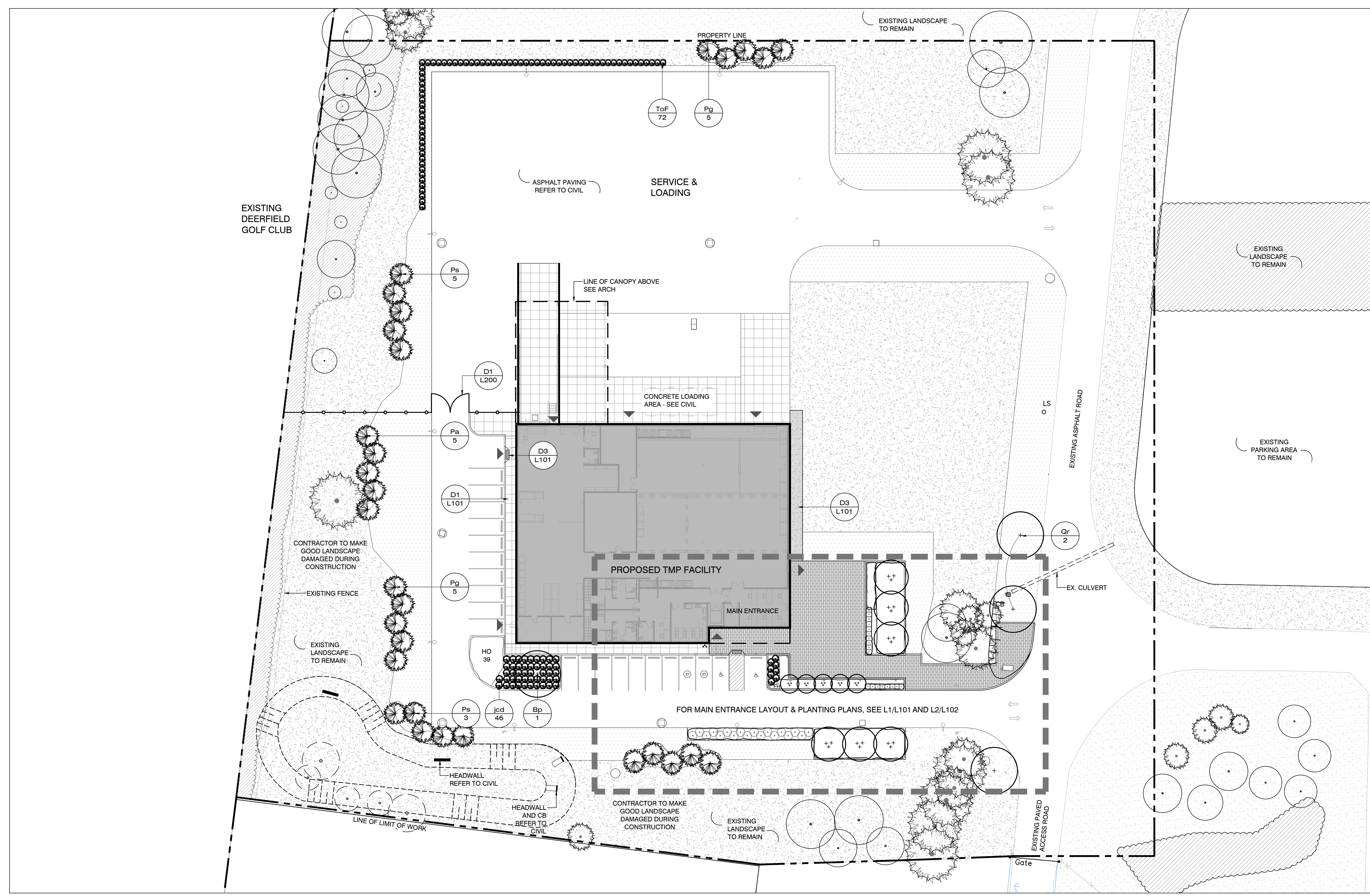


Legend:

	PROPERTY LINE		CHAIN LINK FENCE 1800mm HT
	CONCRETE PAVING		FIRE HYDRANT SEE CIVIL
	900x300 UNIT PAVING BY TECHOBLOC		BOLLARD LIGHT SEE ELECT.
	ACCESSIBLE LIMESTONE SCREENINGS		EV CHARGING PEDESTAL SEE ELECT.
	TACTILE ATTENTION INDICATOR		SIGNAGE SEE ARCH
	EXISTING LAWN		FIRE ROUTE SIGNAGE SEE ARCH
	LOW MOW MEADOW		LIGHT STANDARD SEE ELECT.
	NEW SOD		MANHOLE SEE CIVIL
	EXISTING DECIDUOUS TREE TO REMAIN		CATCH BASIN SEE CIVIL
	EXISTING CONIFEROUS TREE TO REMAIN		SIAMESE CONNECTION SEE CIVIL
	EXISTING VEGETATION TO REMAIN		

Issued For:

No.	Description	Date
3	Issued for Site Plan Approval	2022-08-12
2	Issued for Class 'C' Costing	2022-06-16
1	Issued for Coordination	2022-05-25

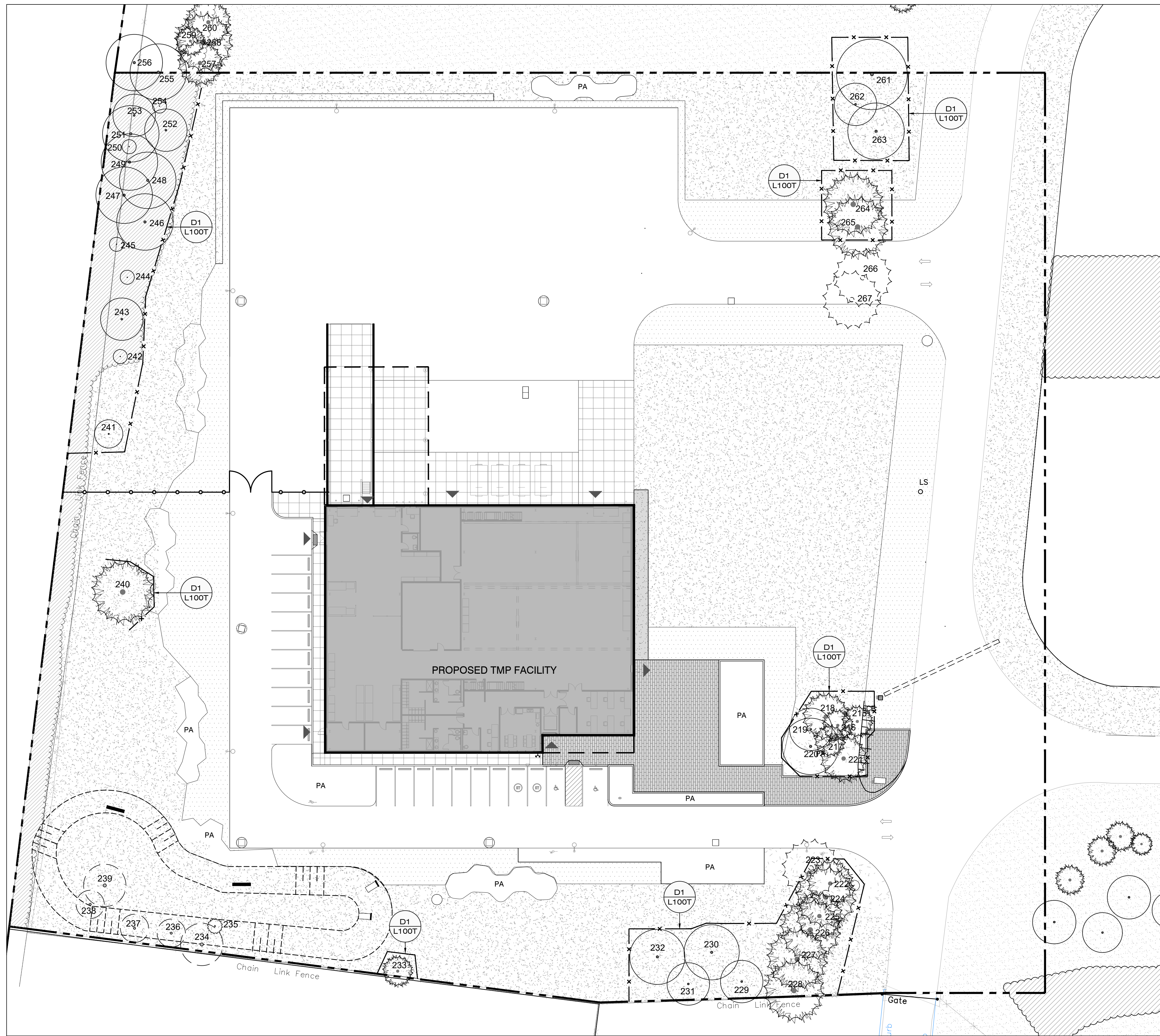


LIST OF LANDSCAPE ARCHITECTURAL DRAWINGS:

L100	OVERALL LANDSCAPE PLAN & KEYPLAN	SCALE: 1:300
L100T	TREE INVENTORY, PRESERVATION AND REMOVALS PLAN	SCALE: 1:300
L101	MAIN ENTRANCE LAYOUT PLAN AND DETAILS	SCALE AS NOTED
L102	MAIN ENTRANCE PLANTING PLAN AND DETAILS	SCALE AS NOTED
L103	TREE CANOPY COVER AND CALCULATION PLAN	SCALE 1:300
L200	LANDSCAPE DETAILS	SCALE AS NOTED

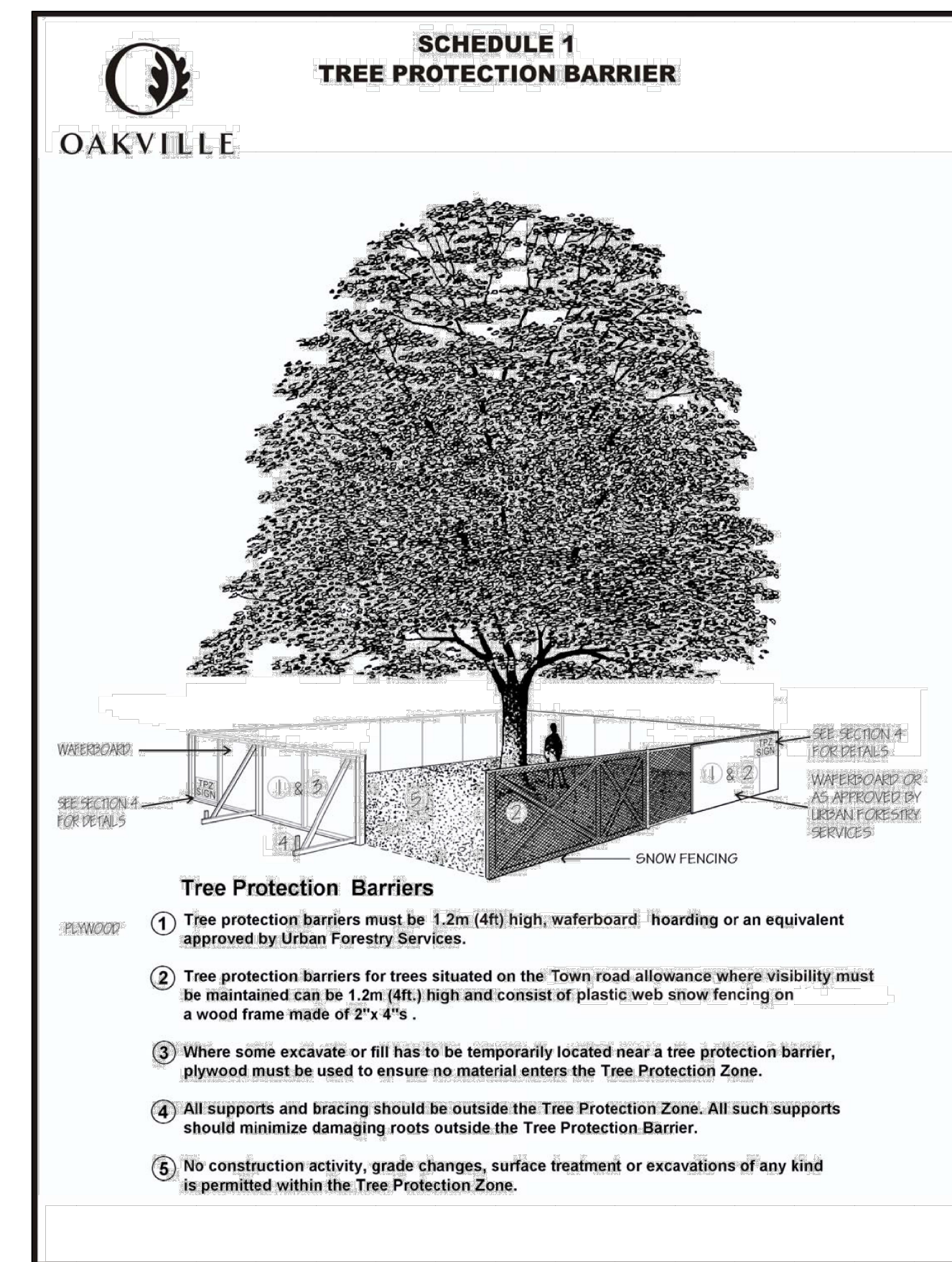
OVERALL SITE PLANT LIST

Key	Qty.	Botanical Name	Common Name	Cal.	Sprd.	Hgt.	Root	Remarks
TREES								
Bp	1	Betula Papyrifera	Paper Birch	70			B&B	Native / Salt Tolerant / bird friendly
Pa	10	Picea Abies	Norway Spruce			2000	B&B	
Pg	10	Picea glauca	White Spruce			2000	B&B	Native / Drought Tolerant
Ps	8	Picea strobus	Eastern White Pine			2000	B&B	Native
Qr	2	Quercus rubra	Red Oak	70			B&B	Native / Salt Tolerant
SHRUBS								
jcd	46	Juniperus chinensis 'Daub's Frosted'	Daub's Frosted Juniper			600		evergreen / Salt Tolerant
ToF	72	Thuja occidentalis	Eastern White Cedar			1500	B&B	hedge variety
PERENNIALS AND GRASSES								
HO	39	Hierochloa Odorata	Sweet Grass					Native / Salt Tolerant



L1 TREE INVENTORY, PRESERVATION AND REMOVALS PLAN
L100T PLAN VIEW

SCALE 1:300



D1 TREE PROTECTION HOARDING DETAIL
L100T OAKVILLE CITY STANDARD N.T.S.

TREE INVENTORY

Tree ID	Common Name	Scientific Name	DBH (cm)	Effective DBH (cm)	Drip-line (m)	Condition			TPZ (m)	Proposed Action
						Structure	Vigour	Overall		
215	Blue Spruce	<i>Picea pungens</i>	18	18	2	G	G	G	2.4	Retain
216	Blue Spruce	<i>Picea pungens</i>	18	18	2	G	G	G	2.4	Retain
217	Blue Spruce	<i>Picea pungens</i>	19	19	2	G	F	F	2.4	Retain
218	Blue Spruce	<i>Picea pungens</i>	25	25	3	G	F	F	2.4	Retain
219	Norway Maple	<i>Acer platanoides</i>	26	26	3	G	G	G	2.4	Retain
220	Norway Maple	<i>Acer platanoides</i>	30	30	4	G	F	G	2.4	Retain
221	Blue Spruce	<i>Picea pungens</i>	27	27	3	G	G	G	2.4	Retain
222	Norway Spruce	<i>Picea abies</i>	21	21	3	G	G	G	2.4	Retain
223	Norway Spruce	<i>Picea abies</i>	21	21	4	G	G	G	2.4	Remove
224	Blue Spruce	<i>Picea pungens</i>	26	26	4	G	G	G	2.4	Retain
225	White Pine	<i>Pinus strobus</i>	27	27	3	G	G	G	2.4	Retain
226	White Pine	<i>Pinus strobus</i>	13,16	21	4	G	G	G	2.4	Retain
227	White Pine	<i>Pinus strobus</i>	22	22	4	G	G	G	2.4	Retain
228	White Pine	<i>Pinus strobus</i>	32	32	4	G	G	G	3.0	Retain
229	Trembling Aspen	<i>Populus tremuloides</i>	25,29	38	3	G	P	F	3.0	Retain
230	Trembling Aspen	<i>Populus tremuloides</i>	16,32,30	47	4	G	G	G	3.0	Retain
231	Trembling Aspen	<i>Populus tremuloides</i>	18,23,22	43	3	G	F	F	3.0	Retain
232	Trembling Aspen	<i>Populus tremuloides</i>	26,18	32	4	G	G	G	3.0	Retain
233	Blue Spruce	<i>Picea pungens</i>	14	14	2	G	G	G	2.4	Retain
234	Green Ash	<i>Fraxinus pennsylvanica</i>	14	14	3	G	G	G	2.4	Remove
235	Blue Spruce	<i>Picea pungens</i>	13	13	1	G	F	F	2.4	Remove
236	Green Ash	<i>Fraxinus pennsylvanica</i>	15,12	19	2	F	F	P	2.4	Remove
237	Green Ash	<i>Fraxinus pennsylvanica</i>	12	12	2	F	F	F	2.4	Remove
238	Green Ash	<i>Fraxinus pennsylvanica</i>	10	10	2	P	P	P	2.4	Remove
239	Green Ash	<i>Fraxinus pennsylvanica</i>	16	16	3	F	G	G	2.4	Remove
240	White Spruce	<i>Picea glauca</i>	18	18	4	G	G	G	2.4	Retain
241	Bur Oak	<i>Quercus macrocarpa</i>	10	10	2	G	G	G	2.4	Retain
242	Green Ash	<i>Fraxinus pennsylvanica</i>	26,26,24	44	1	P	VP	VP	3.0	Retain
243	Red Oak	<i>Quercus rubra</i>	10	10	3	G	G	G	2.4	Retain
244	Green Ash	<i>Fraxinus pennsylvanica</i>	16,8	18	1	VP	VP	VP	2.4	Retain
245	Green Ash	<i>Fraxinus pennsylvanica</i>	30	30	0	D	D	D	2.4	Retain
246	Red Oak	<i>Quercus rubra</i>	24	24	4	G	G	G	2.4	Retain
247	Bur Oak	<i>Quercus macrocarpa</i>	17	17	4	G	G	G	2.4	Retain
248	Bur Oak	<i>Quercus macrocarpa</i>	26,21	33	4	G	G	G	3.0	Retain
249	Bur Oak	<i>Quercus macrocarpa</i>	45	45	4	G	F	F	3.0	Retain
250	Bur Oak	<i>Quercus macrocarpa</i>	20	20	0	D	D	D	2.4	Retain
251	Bur Oak	<i>Quercus macrocarpa</i>	21	21	4	F	F	F	2.4	Retain
252	Red Oak	<i>Quercus rubra</i>	24,24	34	3	G	G	G	3.0	Retain
253	Bur Oak	<i>Quercus macrocarpa</i>	24	24	3	G	G	G	2.4	Retain
254	Bur Oak	<i>Quercus macrocarpa</i>	32	32	0	D	D	D	3.0	Retain
255	Bur Oak	<i>Quercus macrocarpa</i>	26,15	30	4	F	G	F	2.4	Retain
256	Red Oak	<i>Quercus rubra</i>	40	40	4	G	G	G	3.0	Retain
257	White Pine	<i>Pinus strobus</i>	24	24	3	G	G	G	2.4	Retain
258	White Pine	<i>Pinus strobus</i>	23	23	4	G	G	G	2.4	Retain
259	White Pine	<i>Pinus strobus</i>	12	12	2	G	G	G	2.4	Retain
260	White Pine	<i>Pinus strobus</i>	24	24	3	G	G	G	2.4	Retain
261	Silver Maple	<i>Acer saccharinum</i>	28,26	38	5	G	G	G	3.0	Retain
262	Silver Maple	<i>Acer saccharinum</i>	28	28	3	G	G	G	2.4	Retain
263	Silver Maple	<i>Acer saccharinum</i>	24,26,14	39	4	G	G	G	3.0	Retain
264	Norway Spruce	<i>Picea abies</i>	32	32	4	G	G	G	3.0	Retain
265	Norway Spruce	<i>Picea abies</i>	25	25	4	G	G	G	2.4	Potential Injury
266	Norway Spruce	<i>Picea abies</i>	22,22	31	4	G	G	G	3.0	Remove
267	Norway Spruce	<i>Picea abies</i>	26	26	4	G	G	G	2.4	Remove

REFER TO ARBORIST REPORT
PREPARED BY PALMER
ANGELA ZHOU
74 Berkeley Street, Toronto, ON M5A 2W7
Tel: 416-795-8153
www.palcg.ca
Dated: July 28, 2022

Project Name:
**Halton WWTP
Maint Facility**
Location:
**2195 North Service Rd
W, Oakville, ON**
Number:
2102
Sheet Title:
**TREE INVENTORY,
PRESERVATION AND
REMOVALS PLAN**

Scale: 1 : 300
Drawn: JJ / IW / RM / YC
Checked: VK / JJ
Date: 2022-08-11


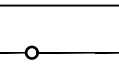
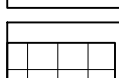
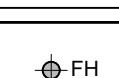
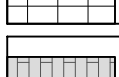
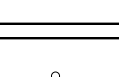

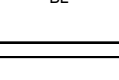

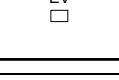
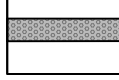
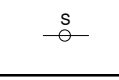

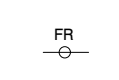
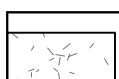
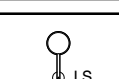
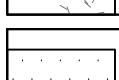
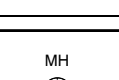

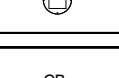

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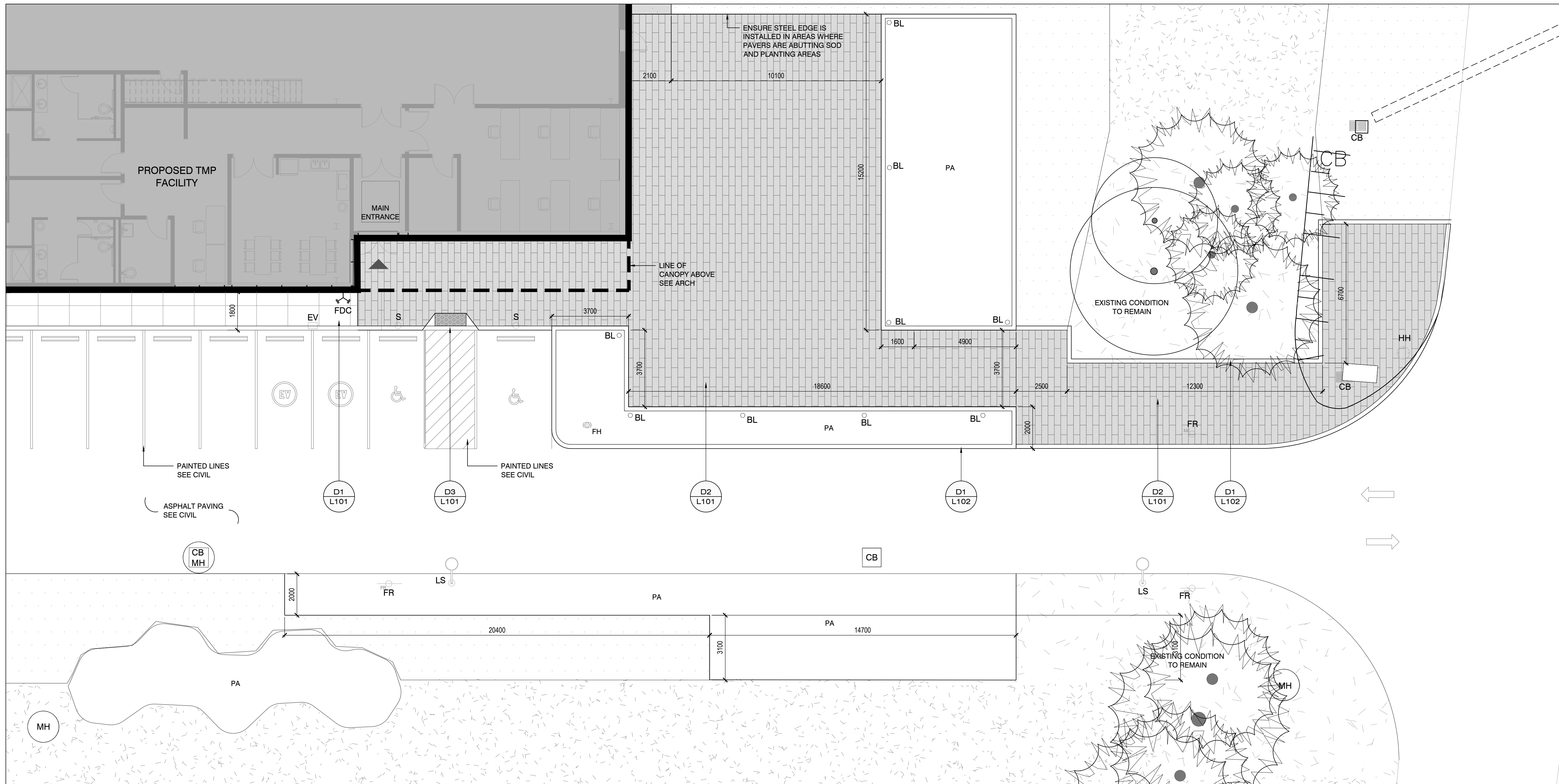
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	TREE PROTECTION HOARDING
	EXISTING DECIDUOUS TREE TO REMOVE
	EXISTING CONIFER TREE TO REMOVE
	EXISTING CONIFEROUS TREE TO REMAIN
	EXISTING TREE TO REMAIN
	TREE NUMBER
310	

Issued For:

No.	Description	Date
3	Issued for Site Plan Approval	2022-08-12
2	Issued for Class 'C' Costing	2022-06-16
1	Issued for Coordination	2022-05-25

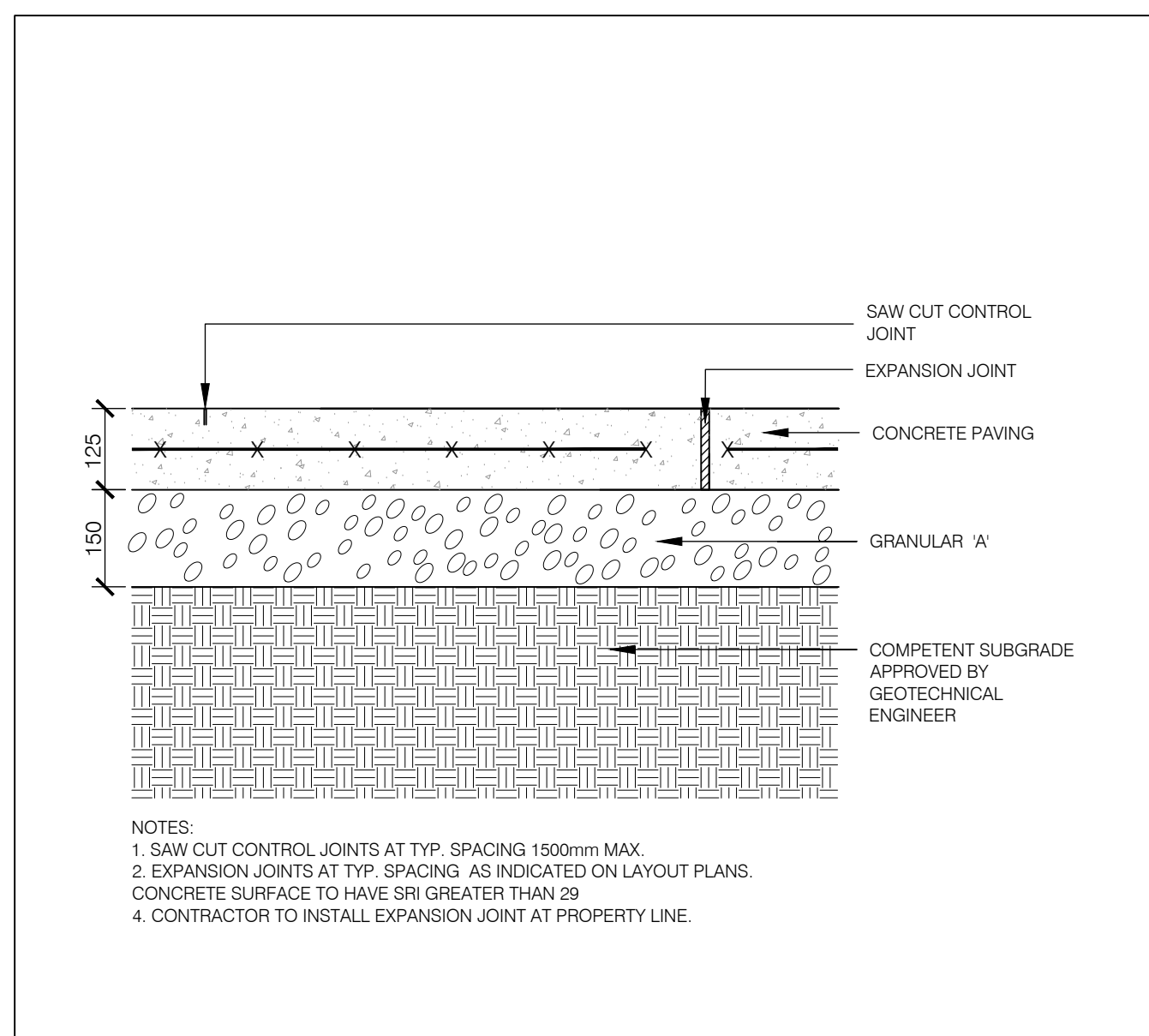
Legend:

	PROPERTY LINE		CHAIN LINK FENCE 1800mm HT
	CONCRETE PAVING		FIRE HYDRANT SEE CIVIL
	900x300 UNIT PAVING BY TECHOBLOC		BOLLARD LIGHT SEE ELECT.
	ACCESSIBLE LIMESTONE SCREENINGS		EV CHARGING PEDESTAL SEE ELECT.
	TACTILE ATTENTION INDICATOR		SIGNAGE SEE ARCH
	EXISTING LAWN		FIRE ROUTE SIGNAGE SEE ARCH
	LOW MOW MEADOW		LIGHT STANDARD SEE ELECT.
	NEW SOD		MANHOLE SEE CIVIL
	EXISTING DECIDUOUS TREE TO REMAIN		CATCH BASIN SEE CIVIL
	EXISTING CONIFEROUS TREE TO REMAIN		SIAMESE CONNECTION SEE CIVIL
	EXISTING VEGETATION TO REMAIN		



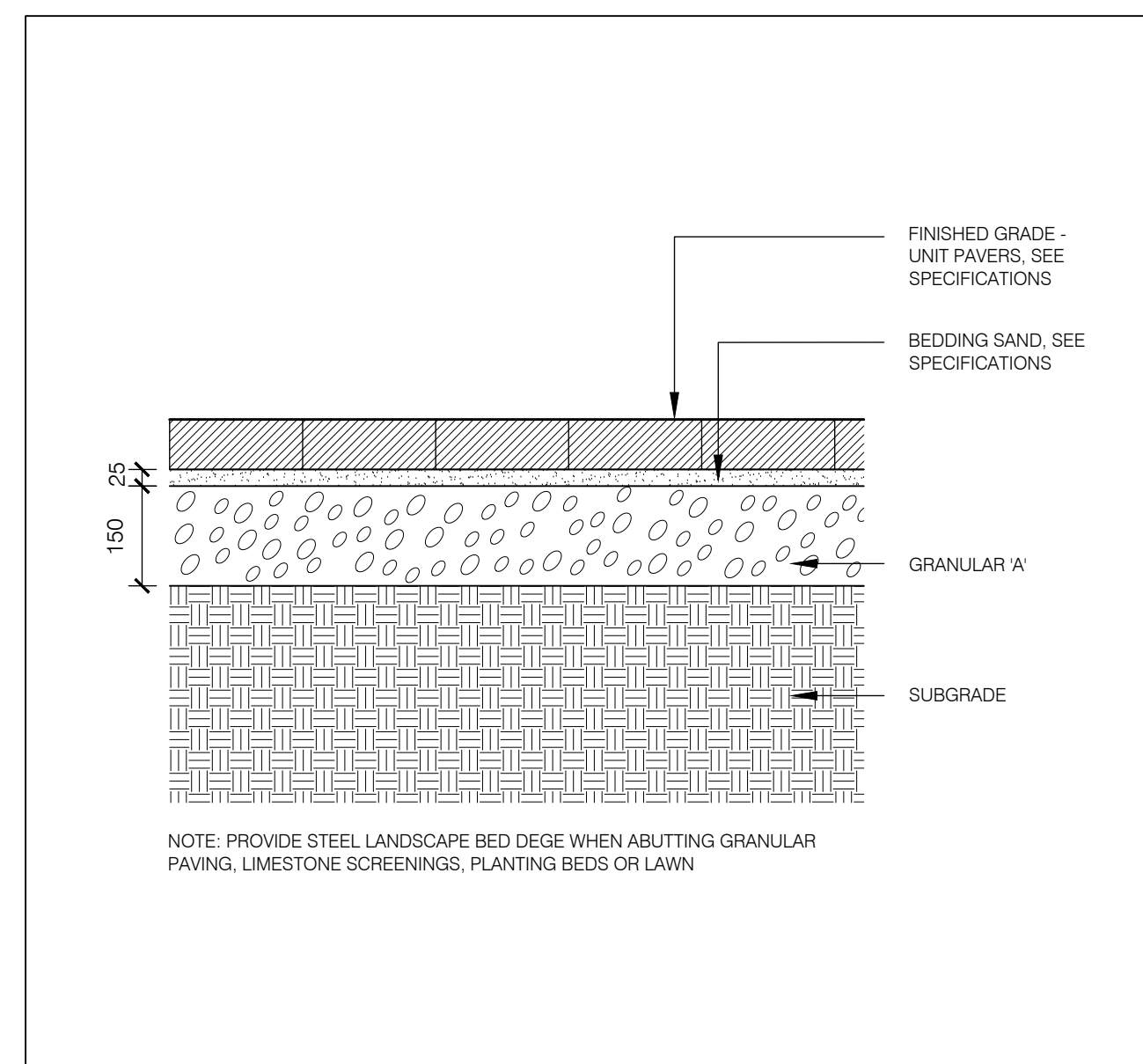
L1 MAIN ENTRANCE LAYOUT PLAN
 L101 PLAN VIEW

SCALE 1:100



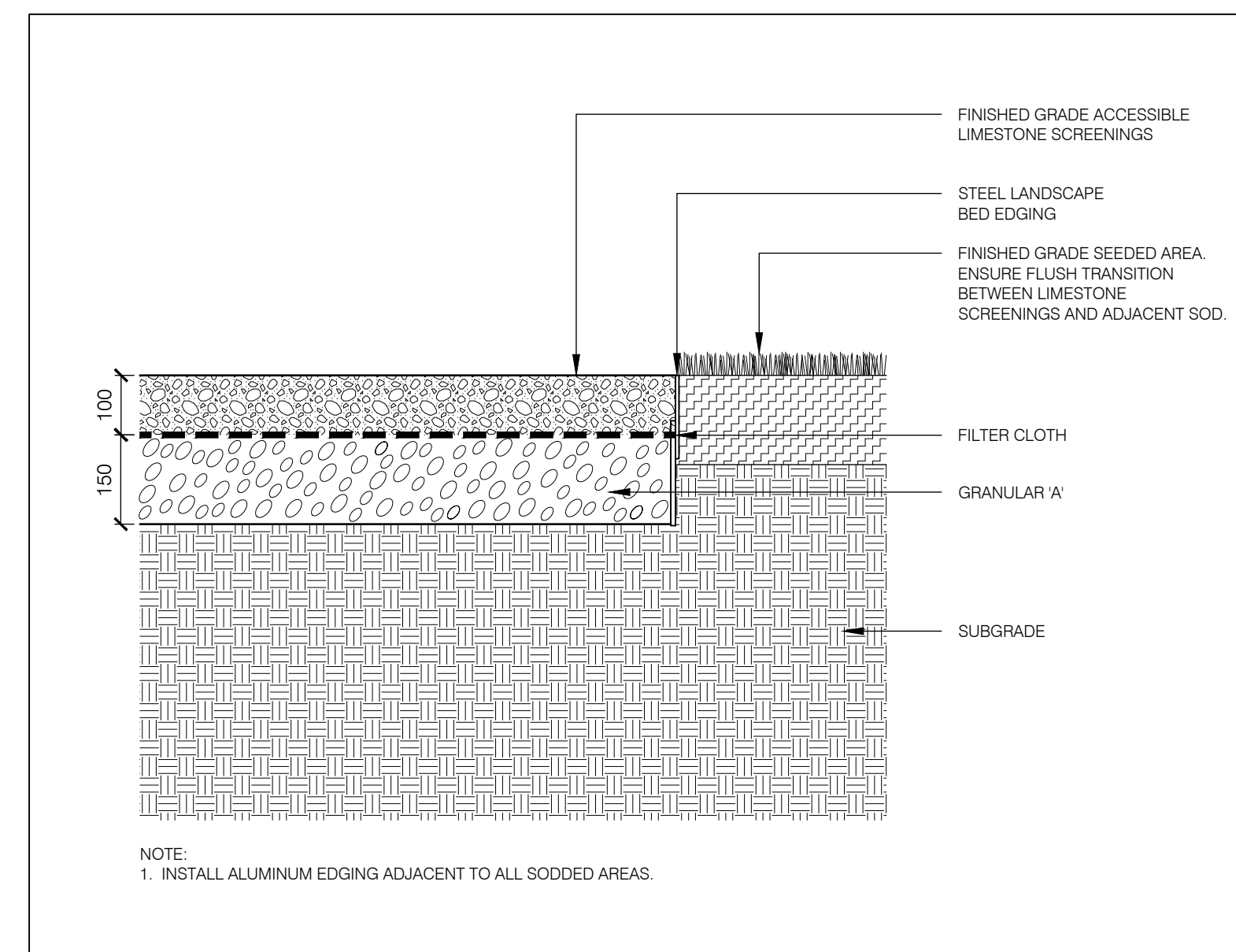
D1 TYPICAL CONCRETE PAVING
 L101 SECTION

SCALE 1:100



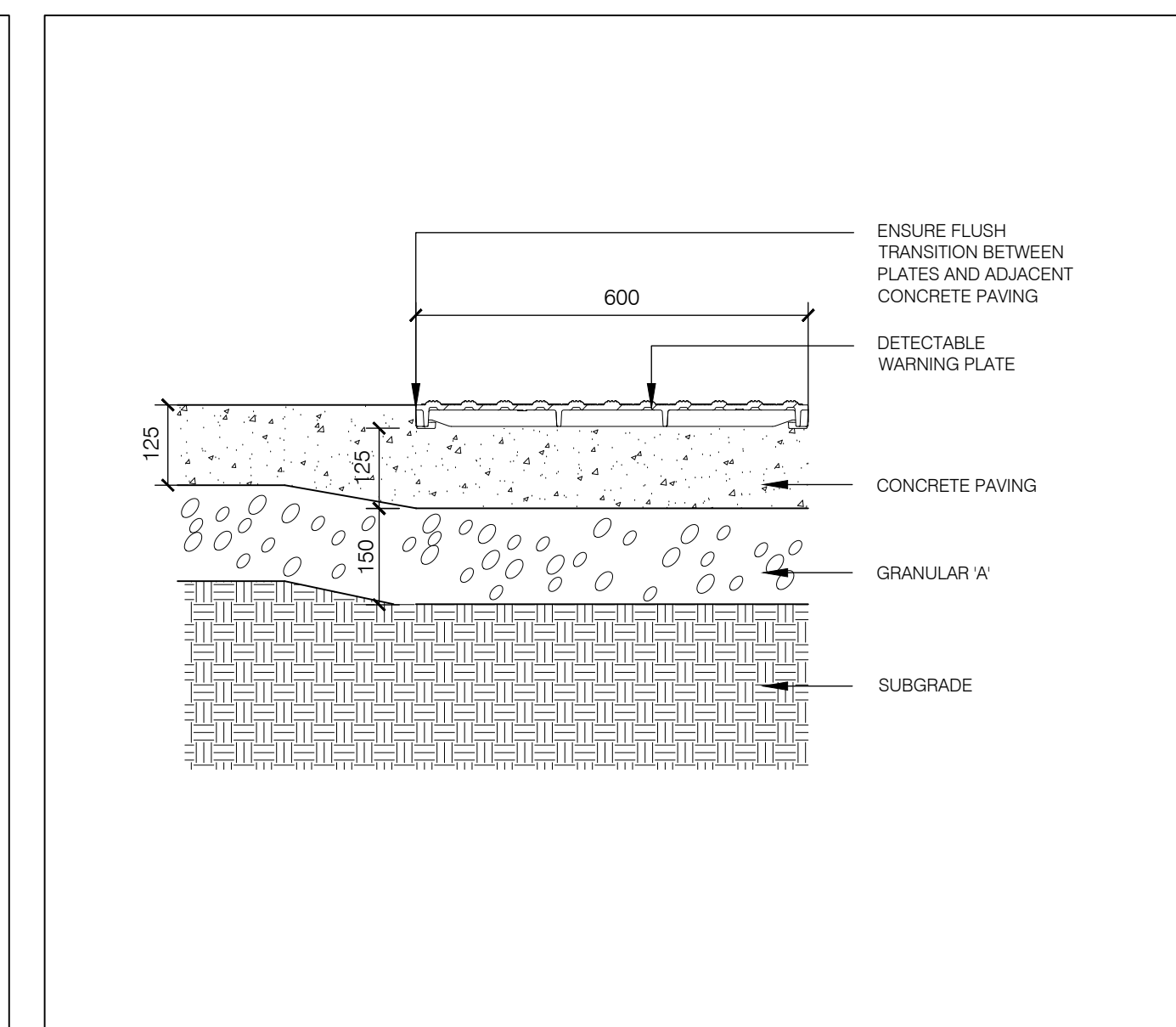
D2 TYPICAL UNIT PAVING
 L101 SECTION

SCALE 1:100



D3 TYPICAL LIMESTONE SCREENING PATH
 L101 SECTION

SCALE 1:100



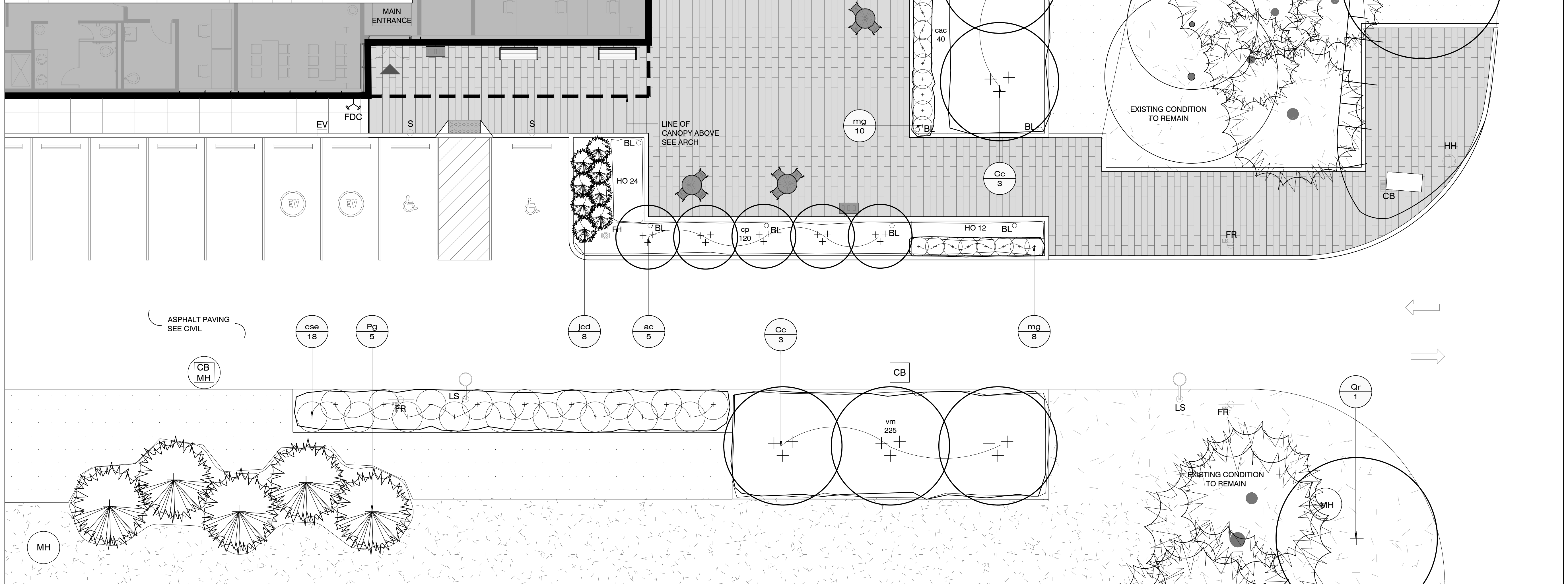
D4 TYPICAL DETECTABLE WARNING PLATE
 L101 SECTION

SCALE 1:100

Issued For:

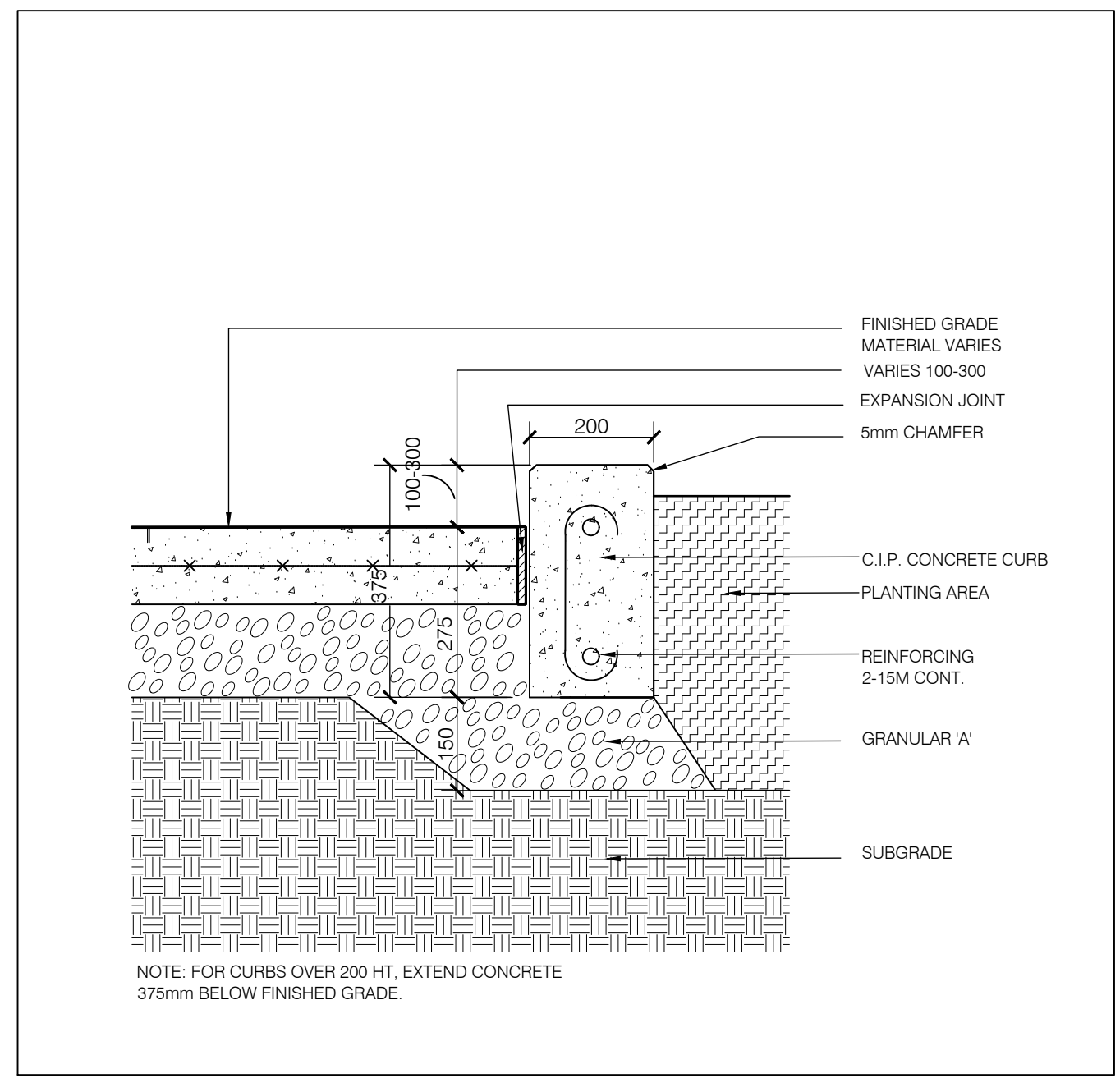
No.	Description	Date
3	Issued for Site Plan Approval	2022-08-12
2	Issued for Class 'C' Costing	2022-06-16
1	Issued for Coordination	2022-05-25

Key	Qty.	Botanical Name	Common Name	Cal.	Sprd.	Hgt.	Root	Remarks
TREES								
Cc	6	Cercis Canadensis	Red Bud			1750	B&B	Native /bird friendly/Multistemmed
Pg	5	Picea glauca	White Spruce			2000	B&B	Native / Drought Tolerant
Qr	1	Quercus rubra	Red Oak	70			B&B	Native / Salt Tolerant
SHRUBS								
ac	5	Amelanchier Canadensis	Serviceberry			1500	B&B	Native / flowering / Multistem
cse	18	Cornus sericea	Red osier Dogwood			600	7 gal.	Native
jcd	8	Juniperus chinensis 'Daub's Frosted'	Daub's Frosted Juniper			600	7 gal.	evergreen / Salt Tolerant
mg	18	Myrica Gale	Sweet Gale			600	3 gal.	Native
PERENNIALS AND GRASSES								
cp	120	Carex pensylvanica	Oak Sedge				1 gal.	Native / groundcover
cac	40	Carex Comosa	Bristly Sedge				1 gal.	Native
HO	56	Hierochloa Odorata	Sweet Grass				1 gal.	Native / Salt Tolerant
vm	450	Vinca Minor	Periwinkle				1 gal.	Groundcover

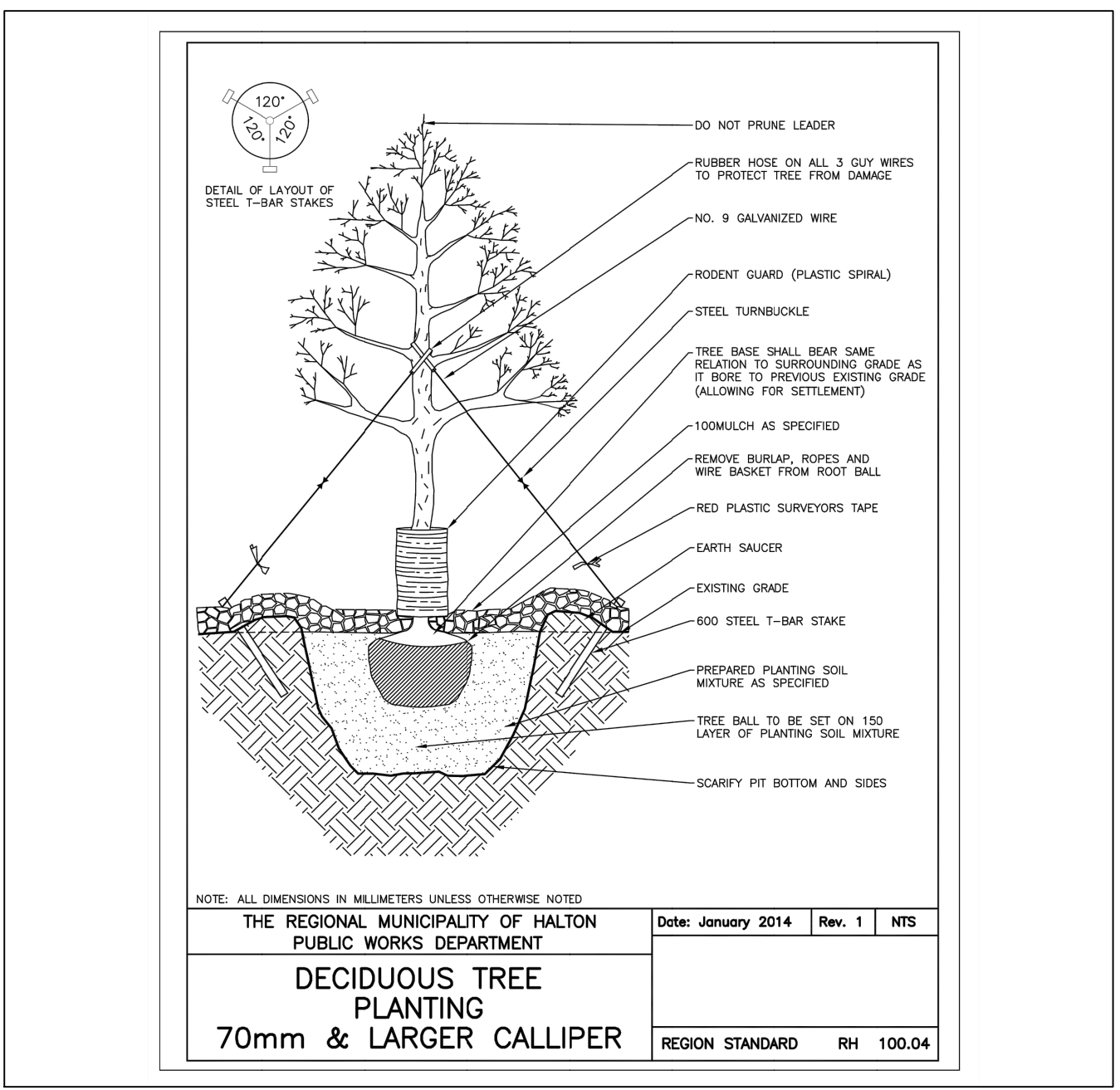


L1 MAIN ENTRANCE PLANTING PLAN
L102 PLAN VIEW

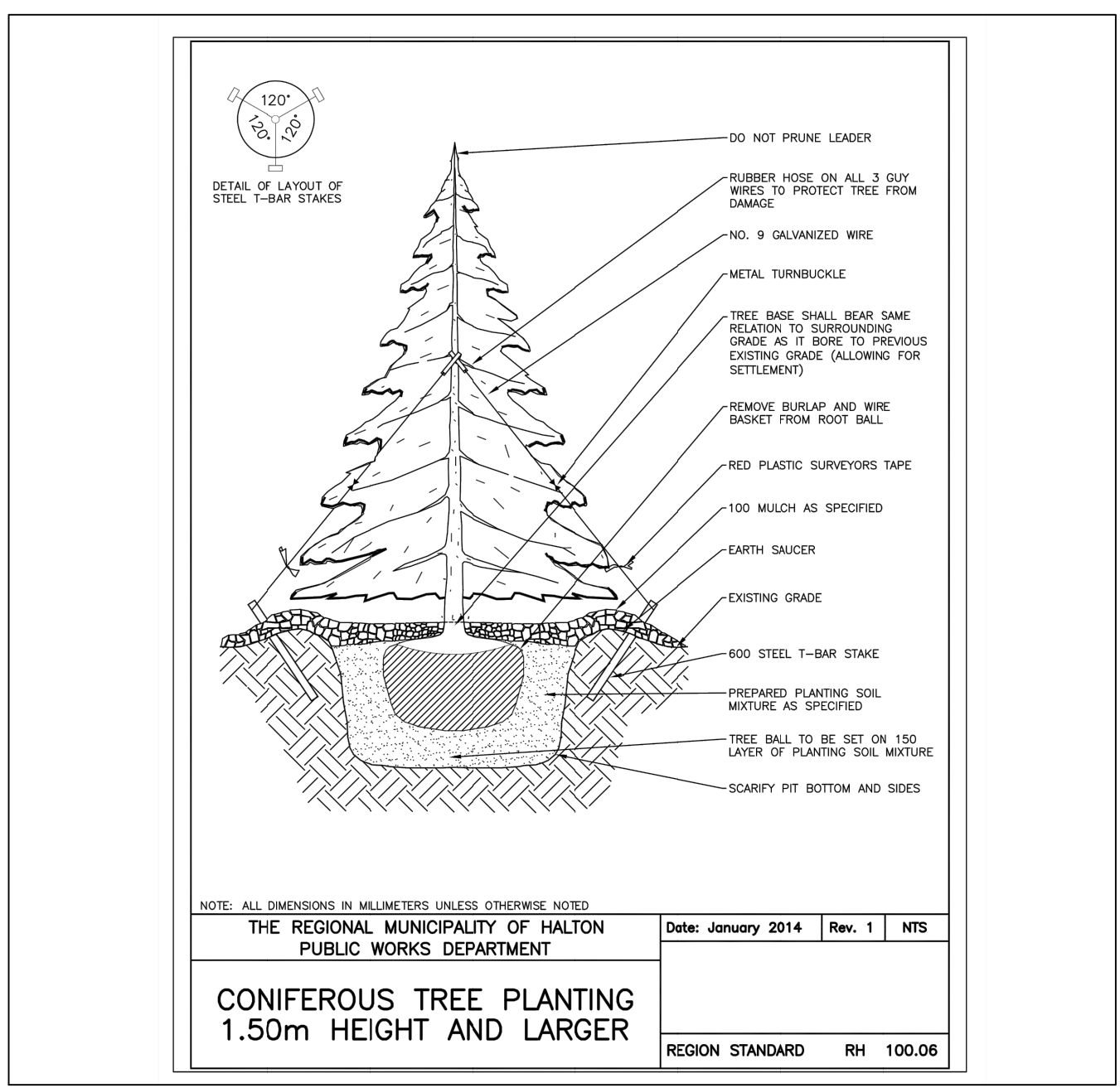
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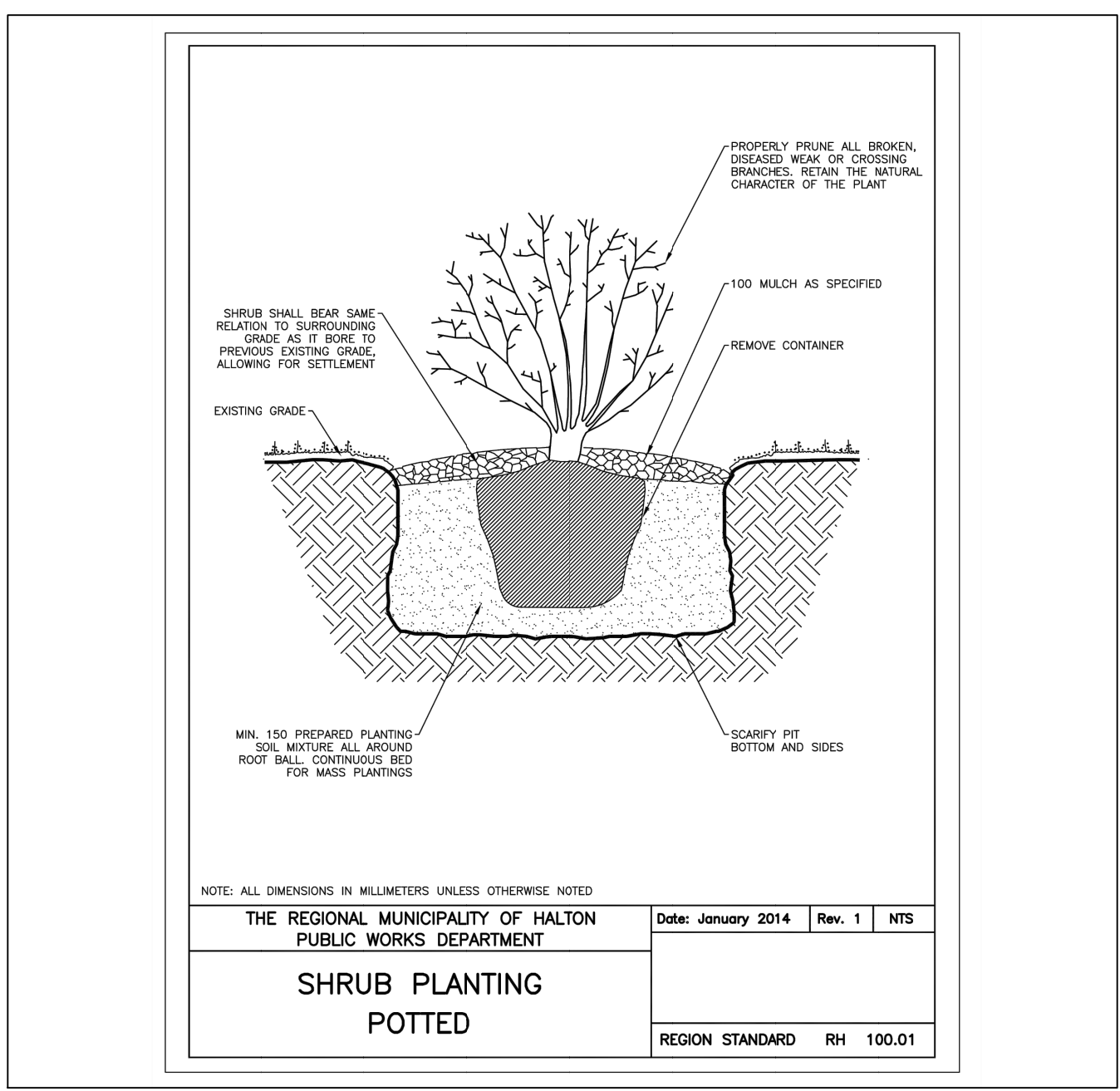
D1 TYPICAL CONCRETE PLANTER CURB SECTION



D2 TYPICAL DECIDUOUS TREE PLANTING HALTON REGION STANDARD DETAIL NOT TO SCALE



D3 TYPICAL CONIFEROUS TREE PLANTING HALTON REGION STANDARD DETAIL NOT TO SCALE



D4 TYPICAL SHRUB PLANTING HALTON REGION STANDARD DETAIL NOT TO SCALE

Project Name:
Halton WWTP Maint Facility
Location:
2195 North Service Rd W, Oakville, ON
Number:
2102
Sheet Title:
MAIN ENTRANCE PLANTING PLAN AND DETAILS

Scale: AS SHOWN
Drawn: JJ / IW / RM / YC
Checked: VK / JJ
Date: 2022-08-11


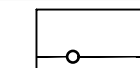
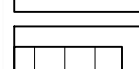
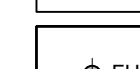
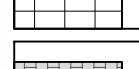





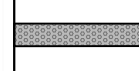
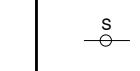

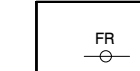
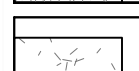

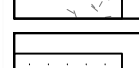

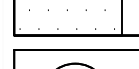


Legend:



PROPERTY LINE	DECIDUOUS TREE
CONCRETE PAVING	MULTI-STEMMED DECIDUOUS TREE
900x300 UNIT PAVING BY TECHOBLOC	CONIFEROUS TREE
ACCESSIBLE LIMESTONE SCREENINGS	CONIFEROUS SHRUB
TACTILE ATTENTION INDICATOR	DECIDUOUS SHRUB
CHAIN LINK FENCE	PERENNIALS, GRASSES AND GROUNDCOVERS
EXISTING LAWN	DINING TABLE AND CHAIRS
LOW MOW MEADOW	BENCH
NEW SOD	WASTE RECEPTACLE
EXISTING DECIDUOUS TREE TO REMAIN	FIRE HYDRANT SEE CIVIL
EXISTING CONIFEROUS TREE TO REMAIN	FIRE ROUTE SIGNAGE SEE ARCH
EXISTING VEGETATION	LIGHT STANDARD SEE ELEC.
BOLLARD LIGHT SEE ELEC.	MANHOLE SEE CIVIL
EV CHARGING PEDESTAL SEE ELEC.	CATCH BASIN SEE CIVIL
SIGNAGE SEE ARCH	SIAMESE CONNECTION SEE CIVIL

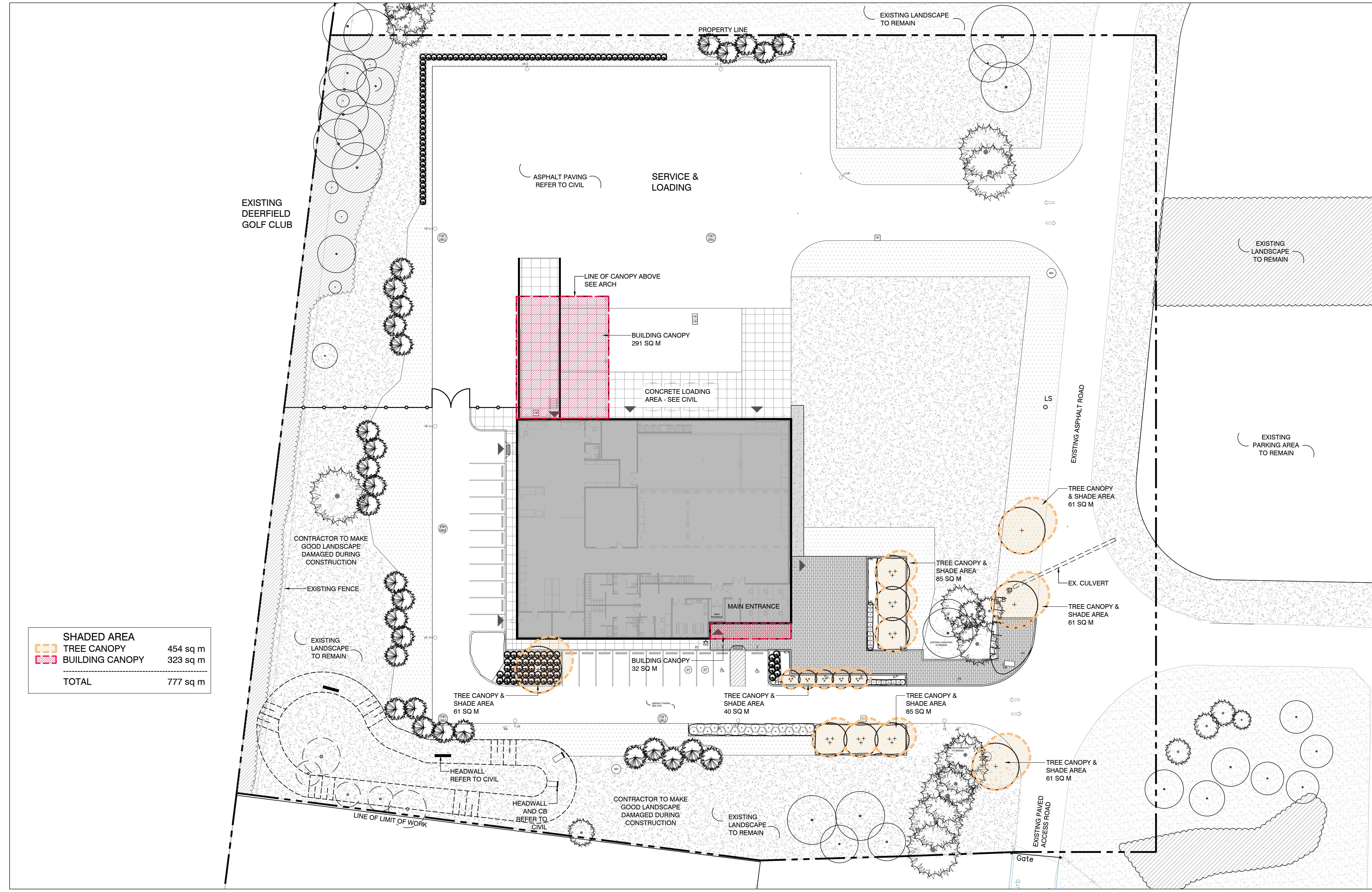
Issued For:

No.	Description	Date
3	Issued for Site Plan Approval	2022-08-12
2	Issued for Class 'C' Costing	2022-06-16
1	Issued for Coordination	2022-05-25

Legend:

	PROPERTY LINE		CHAIN LINK FENCE 1800mm HT
	CONCRETE PAVING		FIRE HYDRANT SEE CIVIL
	900x300 UNIT PAVING BY TECHOBLOC		BOLLARD LIGHT SEE ELECT.
	ACCESSIBLE LIMESTONE SCREENINGS		EV CHARGING PEDESTAL SEE ELECT.
	TACTILE ATTENTION INDICATOR		SIGNAGE SEE ARCH
	EXISTING LAWN		FIRE ROUTE SIGNAGE SEE ARCH
	LOW MOW MEADOW		LIGHT STANDARD SEE ELECT.
	NEW SOD		MANHOLE SEE CIVIL
	EXISTING DECIDUOUS TREE TO REMAIN		CATCH BASIN SEE CIVIL
	EXISTING CONIFEROUS TREE TO REMAIN		SIAMESE CONNECTION SEE CIVIL
	EXISTING VEGETATION TO REMAIN		

SHADED AREA	
	TREE CANOPY 454 sq m
	BUILDING CANOPY 323 sq m
TOTAL	777 sq m

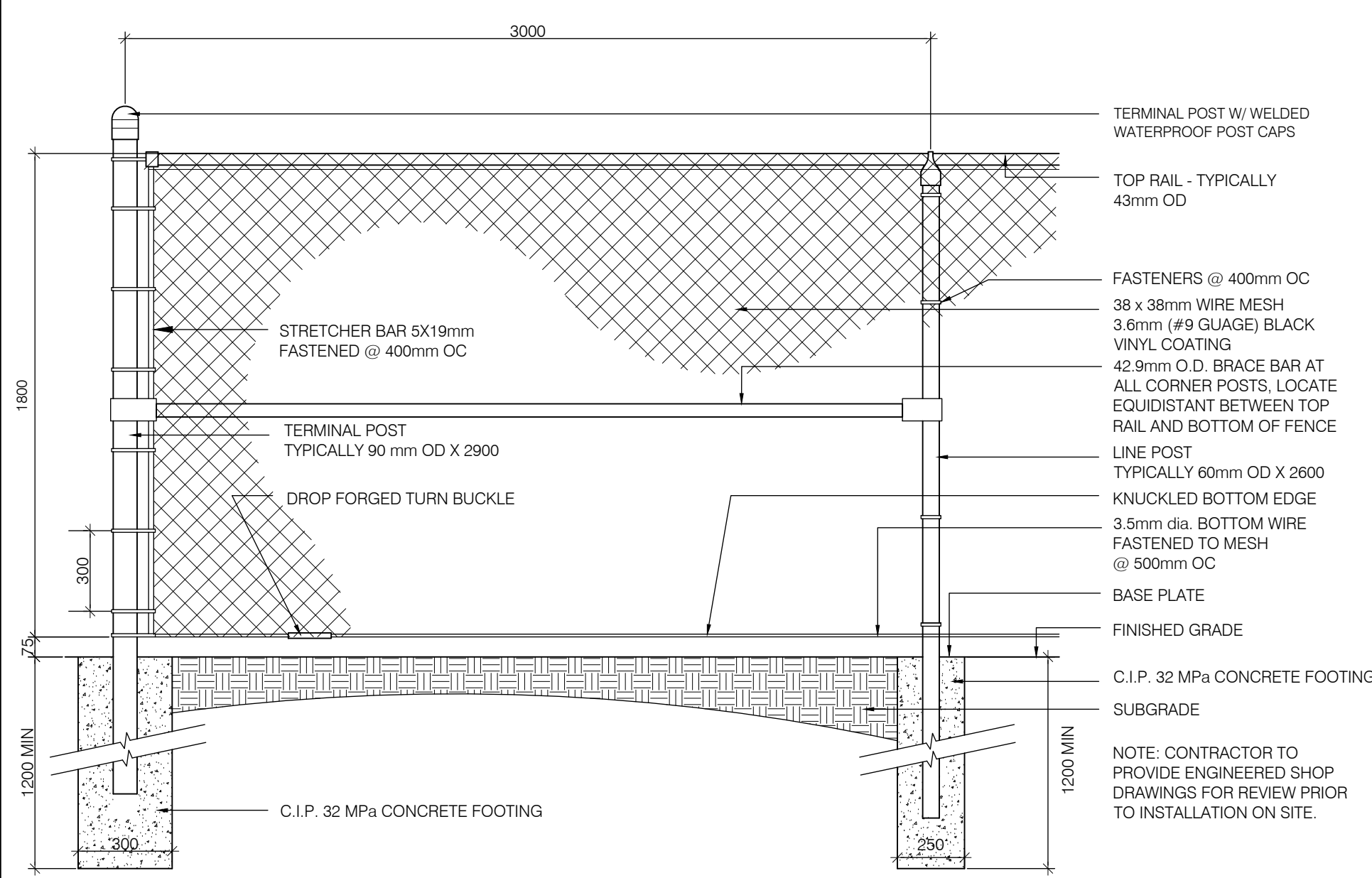


L1 TREE CANOPY COVER AND CALCULATION PLAN
 L103 PLAN VIEW

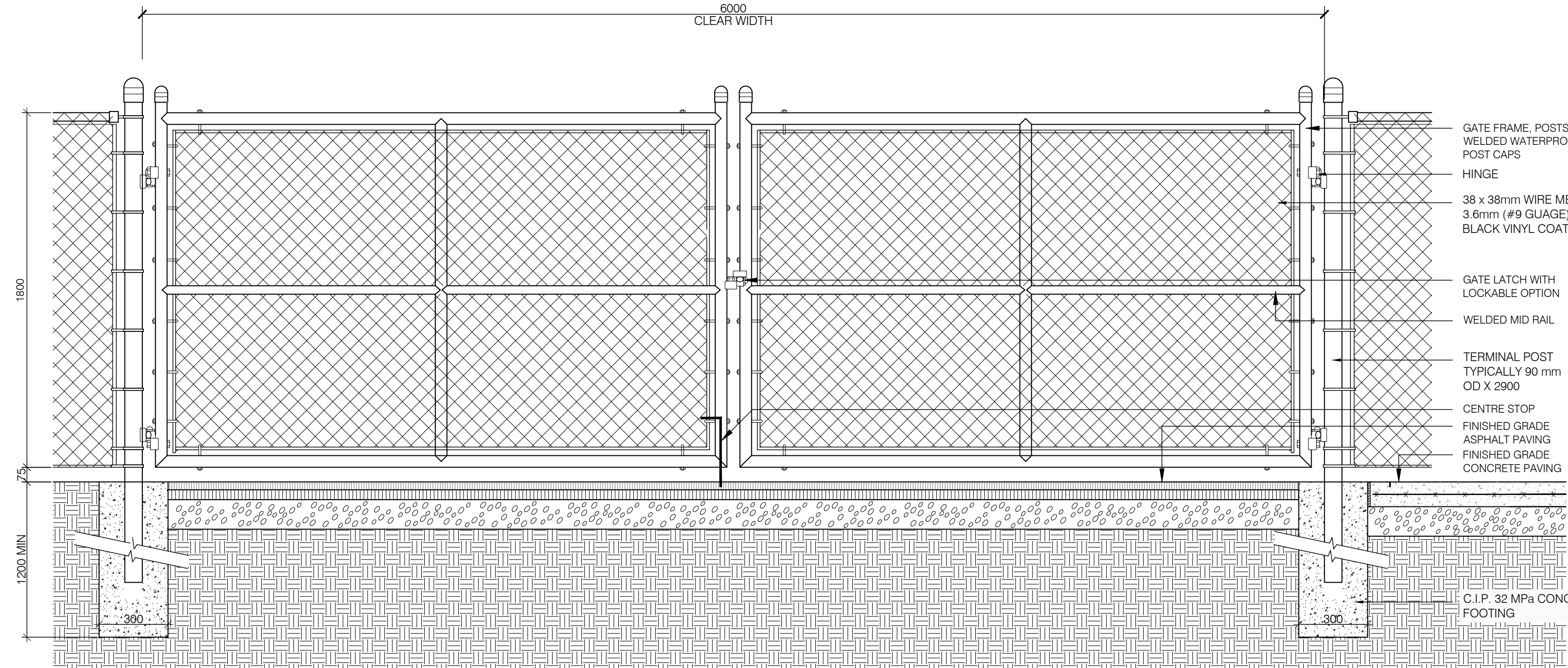
SCALE 1:300

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1800MM CHAIN LINK FENCE



1800MM DOUBLE GATE

- NOTES:
1. ALL FABRIC SHALL BE 3.6mm (#9 GAUGE WITH #11 GAUGE STEEL CORE) KNUCKLED AT TOP AND BOTTOM. THE VINYL COATING SHALL BE BLACK.
 2. ALL POSTS AND RAILS SHALL BE GALVANIZED STEEL PIPE STANDARD WEIGHT, CONFORMING TO CURRENT SPECIFICATIONS FOR BLACK AND HOT DIPPED ZINC COATED (GAL. WELDED AND SEAMLESS PIPE FOR ORDINARY USES, ASTM, DESIGNATION A120).
 3. ALL REQUIRED FITTINGS AND HARDWARE SHALL BE SUITABLE ALUMINUM ALLOY OR OF A STEEL DUCTILE IRON ASTM SPECIFICATION (A152).
 4. MINIMUM REQUIREMENTS FOR ZINC COATING: WIRE = 0.5 KG/M, POSTS AND RAILS = 0.5 KG/M, FRAME AND BRACES = 0.5 KG/M, CAST FITTINGS = 0.6 KG/M, OTHER FITTINGS = 0.6 KG/M.
 5. FABRIC SHALL BE INSTALLED ON THE EXTERIOR SIDE OF THE FENCE POSTS.
 6. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED.
 7. CONTRACTOR TO PROVIDE STAMPED ENGINEERED SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
 - 8.

D1 TYPICAL 1800mm BLACK VINYL CHAIN LINK FENCE AND GATE SECTION

SCALE 1:20



VERTECHS DESIGN
landscape architects

Project Name:
Halton WWTP Maint Facility

Location:
2195 North Service Rd W, Oakville, ON

Number:
2102

Sheet Title:
LANDSCAPE DETAILS

Scale: AS SHOWN

Drawn: JJ / IW / RM / YC

Checked: VK / JJ

Date: 2022-08-11

Legend:

	PROPERTY LINE		DECIDUOUS TREE
	CONCRETE PAVING		MULTI-STEMMED DECIDUOUS TREE
	900x300 UNIT PAVING BY TECHOBLOC		CONIFEROUS TREE
	ACCESSIBLE LIMESTONE SCREENINGS		CONIFEROUS SHRUB
	TACTILE ATTENTION INDICATOR		DECIDUOUS SHRUB
	CHAIN LINK FENCE		PERENNIALS, GRASSES AND GROUNDCOVERS
	EXISTING LAWN		DINING TABLE AND CHAIRS
	LOW MOW MEADOW		BENCH
	NEW SOD		WASTE RECEPTACLE
	EXISTING DECIDUOUS TREE TO REMAIN		FIRE HYDRANT SEE CIVIL
	EXISTING CONIFEROUS TREE TO REMAIN		FIRE ROUTE SIGNAGE SEE ARCH
	EXISTING VEGETATION		LIGHT STANDARD SEE ELECT.
	BOLLARD LIGHT SEE ELECT.		MANHOLE SEE CIVIL
	EV CHARGING PEDESTAL SEE ELECT.		CATCH BASIN SEE CIVIL
	SIGNAGE SEE ARCH		SIAMESE CONNECTION SEE CIVIL

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