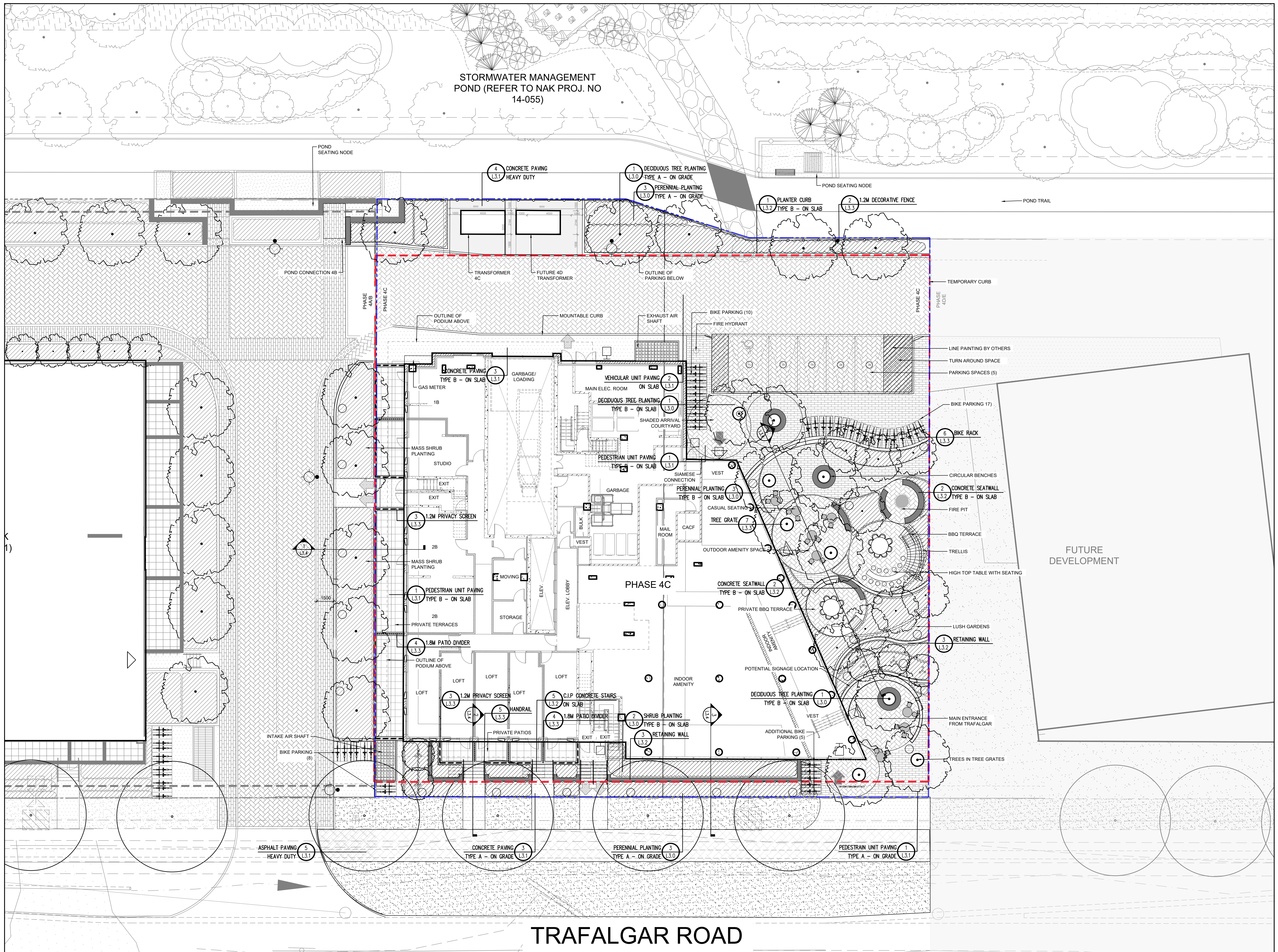


STORMWATER MANAGEMENT  
POND (REFER TO NAK PROJ. NO  
14-055)



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**LEGEND**

- PHASE LINE
- PROPERTY LINE
- LIMIT OF STRUCTURAL SLAB
- 1.2m DECORATIVE METAL FENCE
- 1.2m PRIVACY RAILING
- 1.8m PATIO DIVIDERS
- HANDRAILS

**SURFACING**

- UNIT PAVING - TYPE A1 (PEDESTRIAN) PROMENADE PLANK BY UNILOCK PATTERN: RUNNING BOND SIZE: 30CM X 10CM X 10CM COLOUR: TBC
- UNIT PAVING - TYPE A2 (VEHICULAR) PROMENADE PLANK BY UNILOCK PATTERN: HERRINGBONE SIZE: 30CM X 10CM X 10CM COLOUR: TBC
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- CONCRETE PAVING - TYPE A (PUBLIC REALM) LIGHT BROOM FINISH
- HEAVY DUTY CONCRETE PAVING
- CONCRETE UNIT PAVING (PRIVATE PATIOS)
- ASPHALT
- SOD

**FURNISHINGS**

- BENCH

**LIGHTING**

- A POLE MOUNTED LIGHT
- B BOLLARD LIGHT
- Ba BOLLARD LIGHT
- C WALL MOUNTED LIGHT
- E STRIP LED LIGHT
- F COLUMN LIGHT

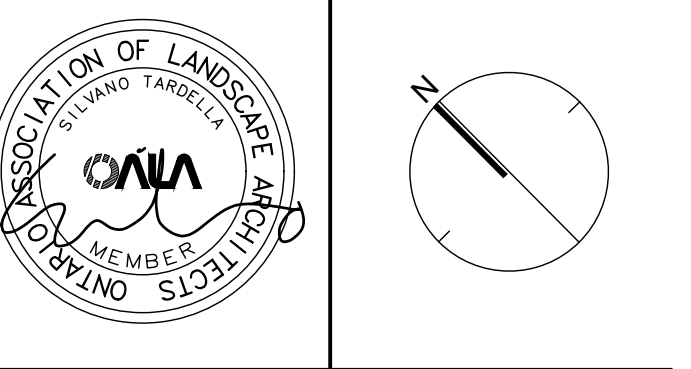
**DETAIL KEY**

- X DETAIL NO.
- Y-X SHEET NO.

**GENERAL NOTE:**

- FOR ALL SITE GRADING REFER TO CIVIL DRAWINGS
- FOR ALL LIGHTING REFER TO INTEGRAL DRAWINGS

No.	Description	Date
2	Issued for SPA 1 Submission	Nov 19/21
1	Issued for Schematic Design	June 18/21
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City Approval Stamp		



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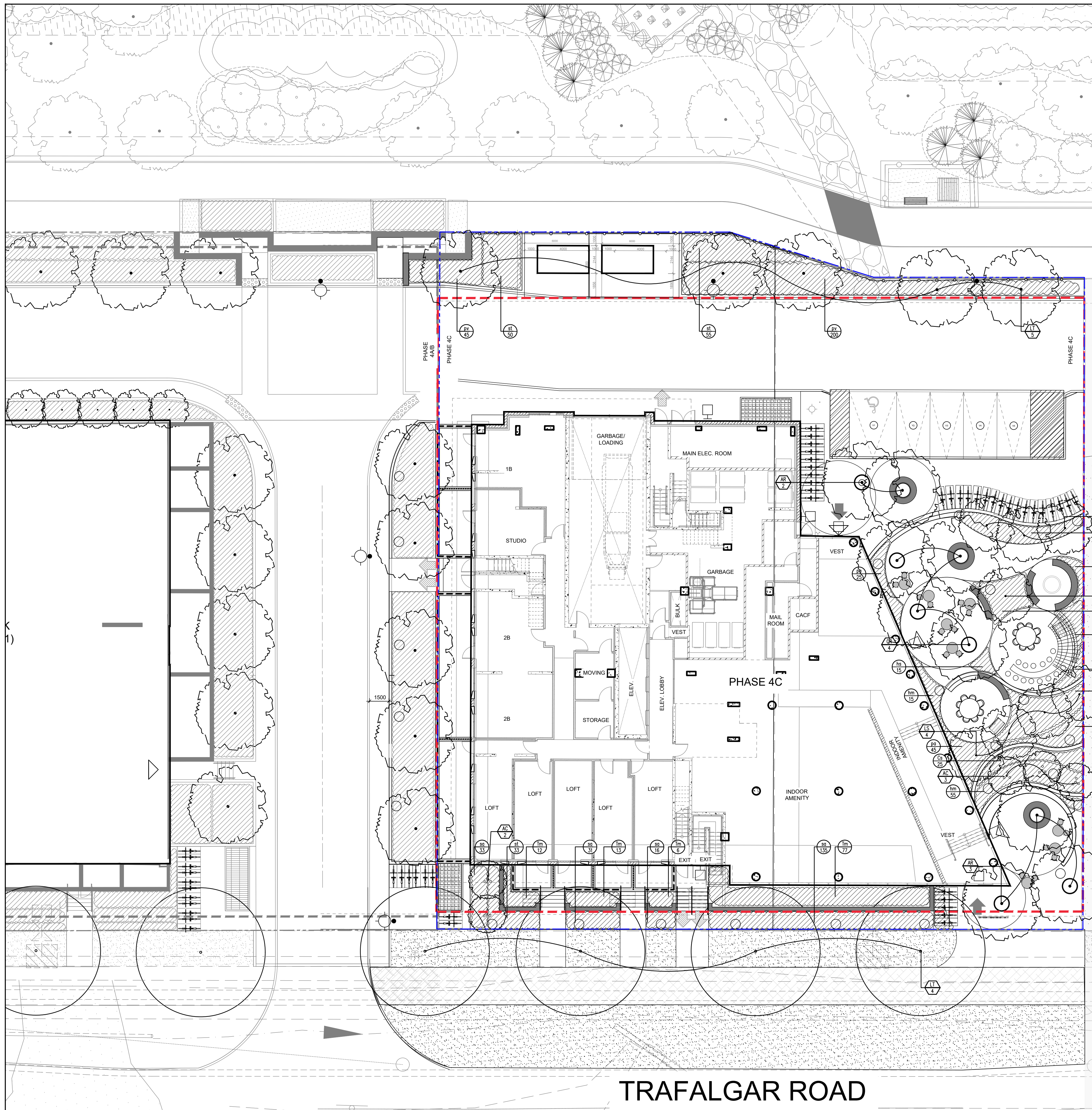
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**Oakville - Phase 4C**  
Oakville, ON

**SURFACE TREATMENT**  
**GENERAL PLAN**

Date	June 07 2021	Sheet	<b>L1.0</b>
Scale	1:150		
Drawn	tfj		
Checked	pd		
Job No.	21148		

**TRAFALGAR ROAD**



**MASTER PLANT LIST**

KEY	QTY	BOTANICAL NAME	COMMON NAME	HEIGHT	CALIPER	REMARKS
<b>DECIDUOUS TREES</b>						
AC	5	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	60	W.B.	
AR	5	ACER RUBRUM 'FRANKSRED'	RED SUNSET MAPLE	60	W.B.	
PC	3	PRYUS CALLERYANA	CHANTICLEER PEAR	60	W.B.	
LS	4	LIQUIDAMBAR STYRACIFLUA	SWEET GUM	60	W.B.	
LT	9	LIRIODENDRON TULIPIFERA	TULIP TREE	60	W.B.	
QR	4	QUERCUS RUBRA	RED OAK	60	W.B.	
ZS	1	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE ZELKOVA	60	W.B.	
<b>SHRUBS</b>						
Cs	40	CORNUS SERICEA	RED TWIG DOGWOOD	60CM	3 GAL. POT	
Jh	70	JUNIPERUS HORIZONTALIS 'MOTHER LODE'	MOTHER LODE JUNIPER	60CM	3 GAL. POT	
Tm	108	TAXUS X MEDIA 'HICKSII'	HICKS YEW	60CM	3 GAL. POT	
<b>PERENNIALS/ORNAMENTAL GRASSES</b>						
pa	85	PENNISETUM ALPECUROIDES 'HAMELN'	DWARF FOUNTAIN GRASS	1 GAL. POT		
pv	245	PABICUM VIRGATUM	SWITCH GRASS	1 GAL. POT		
hm	85	HOSTA 'MINUTEMAN'	MINUTEMAN HOSTA	1 GAL. POT		
hs	55	HEMEROCALLIS STELLA D'ORO	STELLA D'ORO DAYLILY	1 GAL. POT		
sa	215	SEDUM AUTUMN JOY	AUTUMN JOY STONECROP	1 GAL. POT		
st	188	STIPA TENUISSIMA	MEXICAN FEATHER GRASS	1 GAL. POT		

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- 1.2m DECORATIVE METAL FENCE
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- HANDRAILS

**PLANTING**

- MULTI-STEM TREE
- DECIDUOUS TREE
- CONIFEROUS TREE
- SHRUBS
- LIMIT OF BED

**SURFACING**

- SOD

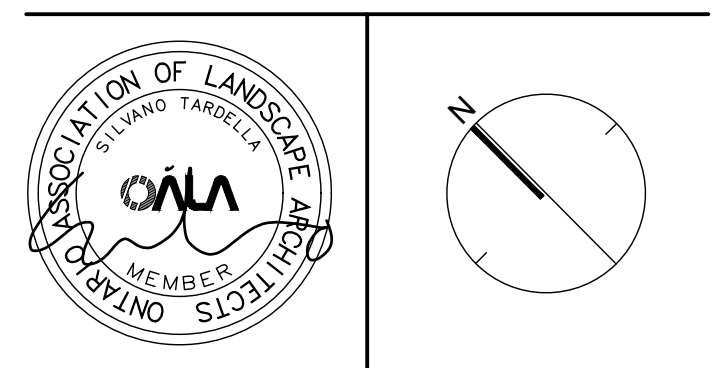
**DETAIL KEY**

- DETAIL NO.
- SHEET NO.

**PLANTING KEY**

- TREE SPECIES QUANTITY
- SHRUB SPECIES QUANTITY

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**Oakville - Phase 4C**  
Oakville, ON

Title  
**PLANTING PLAN**

Date	June 07 2021	Sheet	
Scale	1:150		
Drawn	tfj		<b>L1.1</b>
Checked	pd		
Job No.	21148		

**TRAFALGAR ROAD**

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	CONCRETE UNIT PAVING (PRIVATE PATIOS)
	ASPHALT
	SOD

**FURNISHINGS**

	BENCH
--	-------

**LIGHTING**

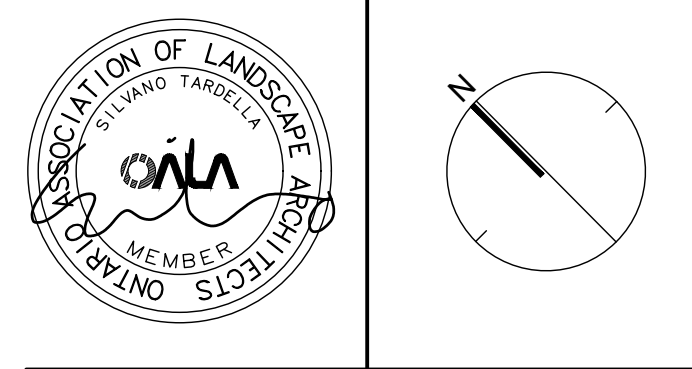
	A POLE MOUNTED LIGHT
	B BOLLARD LIGHT
	Ba BOLLARD LIGHT
	C WALL MOUNTED LIGHT
	E STRIP LED LIGHT
	F COLUMN LIGHT

**DETAIL KEY**

	X DETAIL NO.
	Y-X SHEET NO.

- GENERAL NOTE:**
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  - FOR ALL LIGHTING REFER TO INTEGRAL DRAWINGS
  - PROPOSED CONCRETE PAVED WALKWAYS LINKING THE PEDESTRIAN ENTRY WAYS FROM THE BUILDING TO THE REGIONS MULTITUSE TRAIL WILL BE INSTALLED AFTER THE MUD IS COMPLETED BY THE REGION PLEASE REFER TO ULTIMATE DRAWING L1.

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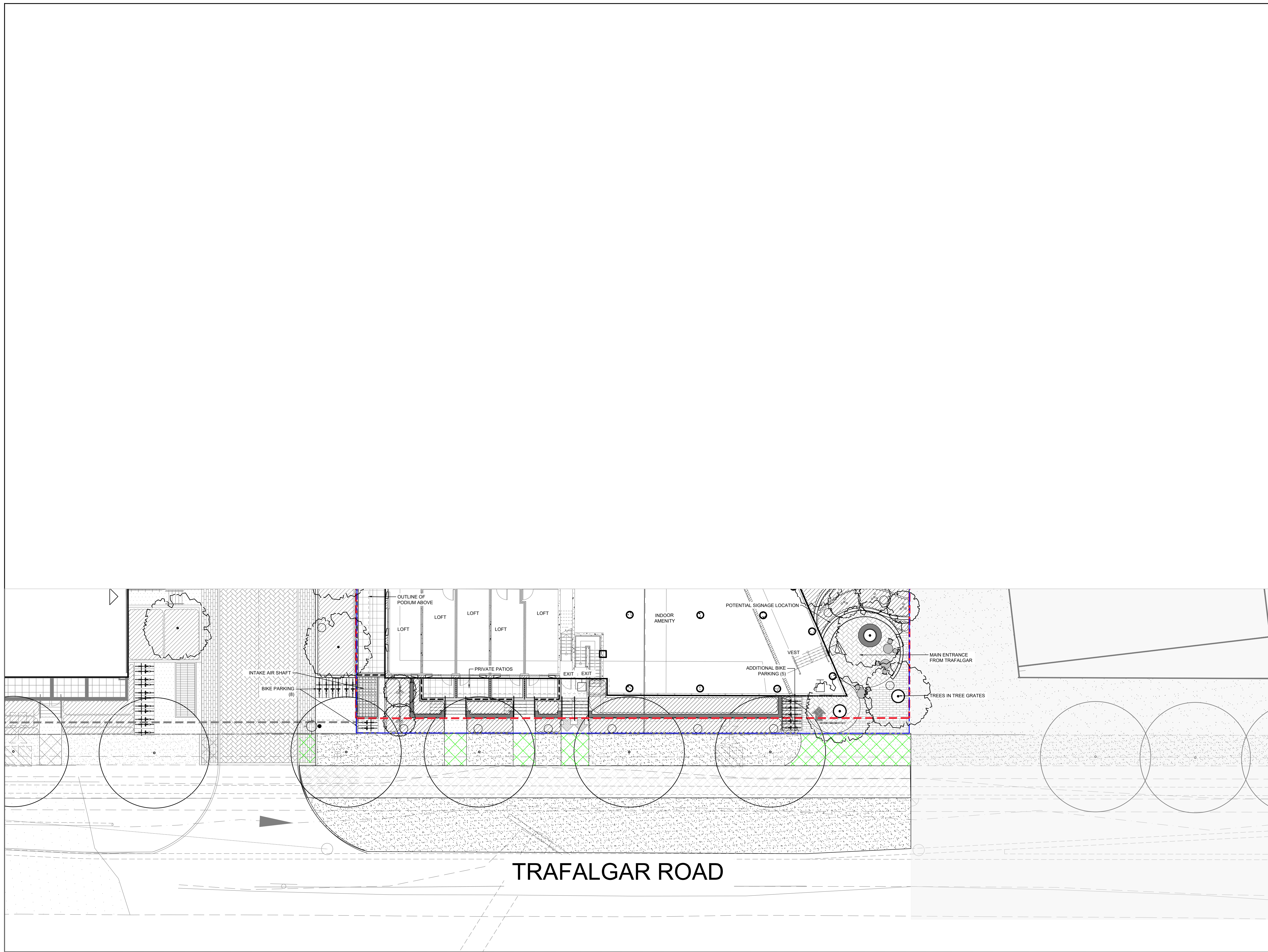
Project

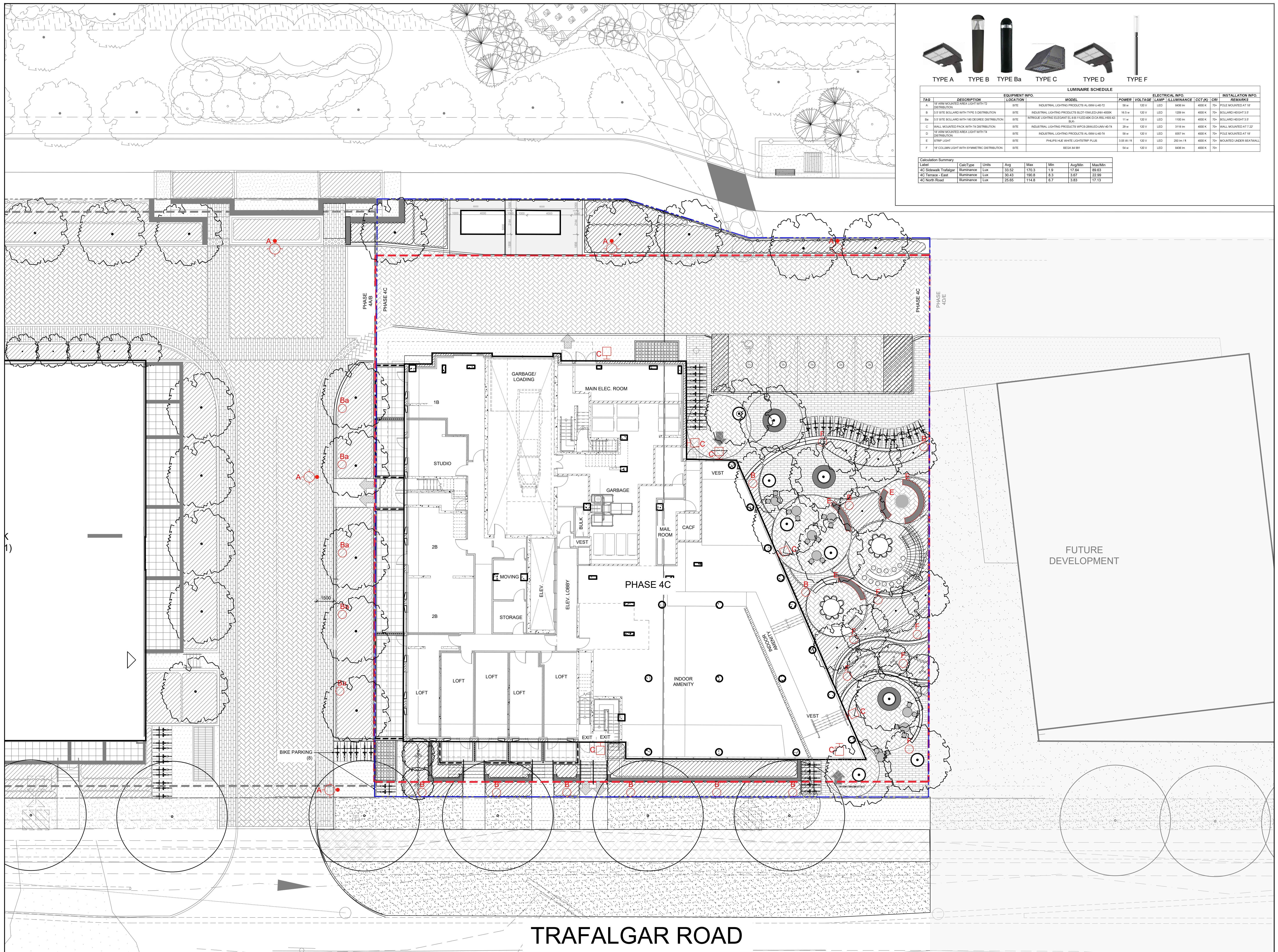
**Oakville - Phase 4C**  
Oakville, ON

Title

**INTERIM STREETSCAPE PLAN**  
TRAFALGAR ROAD

Date	June 07 2021	Sheet	<b>L1.3</b>
Scale	1:150		
Drawn	tf		
Checked	pd		
Job No.	21148		





LUMINAIRE SCHEDULE											
T&D	DESCRIPTION	EQUIPMENT INFO.	LOCATION	MODEL	POWER	VOL. TAGE	LAMP	LUMINANCE	CCCT (K)	CRF	REMARKS
A	1'0" WALL MOUNTED AREA LIGHT WITH T2 DISTRIBUTION	INDUSTRIAL LIGHTING PRODUCTS AL-65W-UH-12	SITE	AL-65W-UH-12	18.5 W	120 V	LED	4000 lm	4000 K	70	POLE MOUNTED AT 18'
B	3'0" SITE BOLLARD WITH TYPE S DISTRIBUTION	INDUSTRIAL LIGHTING PRODUCTS BOLL-15W-LED-UNV-400K	SITE	BOLL-15W-LED-UNV-400K	15 W	120 V	LED	1500 lm	4000 K	70	BOLLARD HEIGHT 3'0"
Ba	3'0" SITE BOLLARD WITH HD DEGREE DISTRIBUTION	INDUSTRIAL LIGHTING PRODUCTS BOLL-15W-LED-UNV-400K-HD	SITE	BOLL-15W-LED-UNV-400K-HD	15 W	120 V	LED	1500 lm	4000 K	70	BOLLARD HEIGHT 3'0"
C	WALL MOUNTED PACK WITH T4 DISTRIBUTION	INDUSTRIAL LIGHTING PRODUCTS WPIC-30W-LED-UNV-400K	SITE	WPIC-30W-LED-UNV-400K	29 W	120 V	LED	3118 lm	4000 K	70	WALL MOUNTED AT 1'22"
D	1'0" WALL MOUNTED AREA LIGHT WITH T4 DISTRIBUTION	INDUSTRIAL LIGHTING PRODUCTS AL-65W-UH-14	SITE	AL-65W-UH-14	58 W	120 V	LED	6357 lm	4000 K	70	POLE MOUNTED AT 18'
E	STRIP LIGHT	PHILIPS HUE WHITE LIGHTSTRIP PLUS	SITE	PHILIPS HUE WHITE LIGHTSTRIP PLUS	3.65 W / F	120 V	LED	260 lm / F	4000 K	70	MOUNTED UNDER BEATWALL
F	1'0" COLUMN LIGHT WITH SYMMETRIC DISTRIBUTION	BEGA 84 901	SITE	BEGA 84 901	54 W	120 V	LED	4426 lm	4000 K	70	

Calculation Summary						
Label	Calc Type	Units	Avg	Max	Min	Avg/Min
4C Schematic Trafalgar	Illuminance	Lux	33.52	139.3	1.8	17.44
4C Terrace - East	Illuminance	Lux	30.43	150.8	8.3	3.67
4C North Road	Illuminance	Lux	25.65	114.8	6.7	3.83

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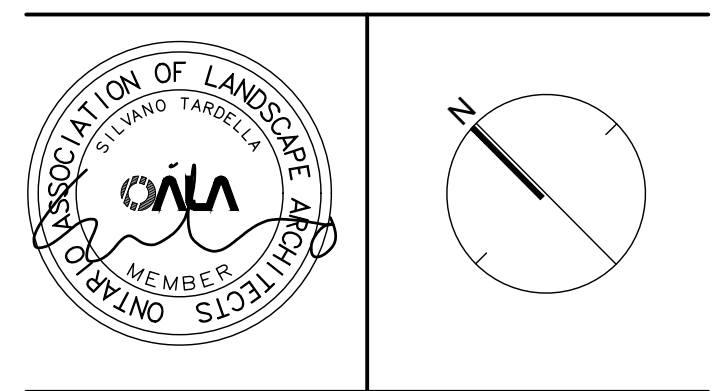
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	ASPHALT
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FURNISHINGS	
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LIGHTING	
	POLE MOUNTED LIGHT
	BOLLARD LIGHT
	BOLLARD LIGHT
	WALL MOUNTED LIGHT
	STRIP LED LIGHT
	COLUMN LIGHT
DETAIL KEY	
	DETAIL NO.
	SHEET NO.

GENERAL NOTE:  
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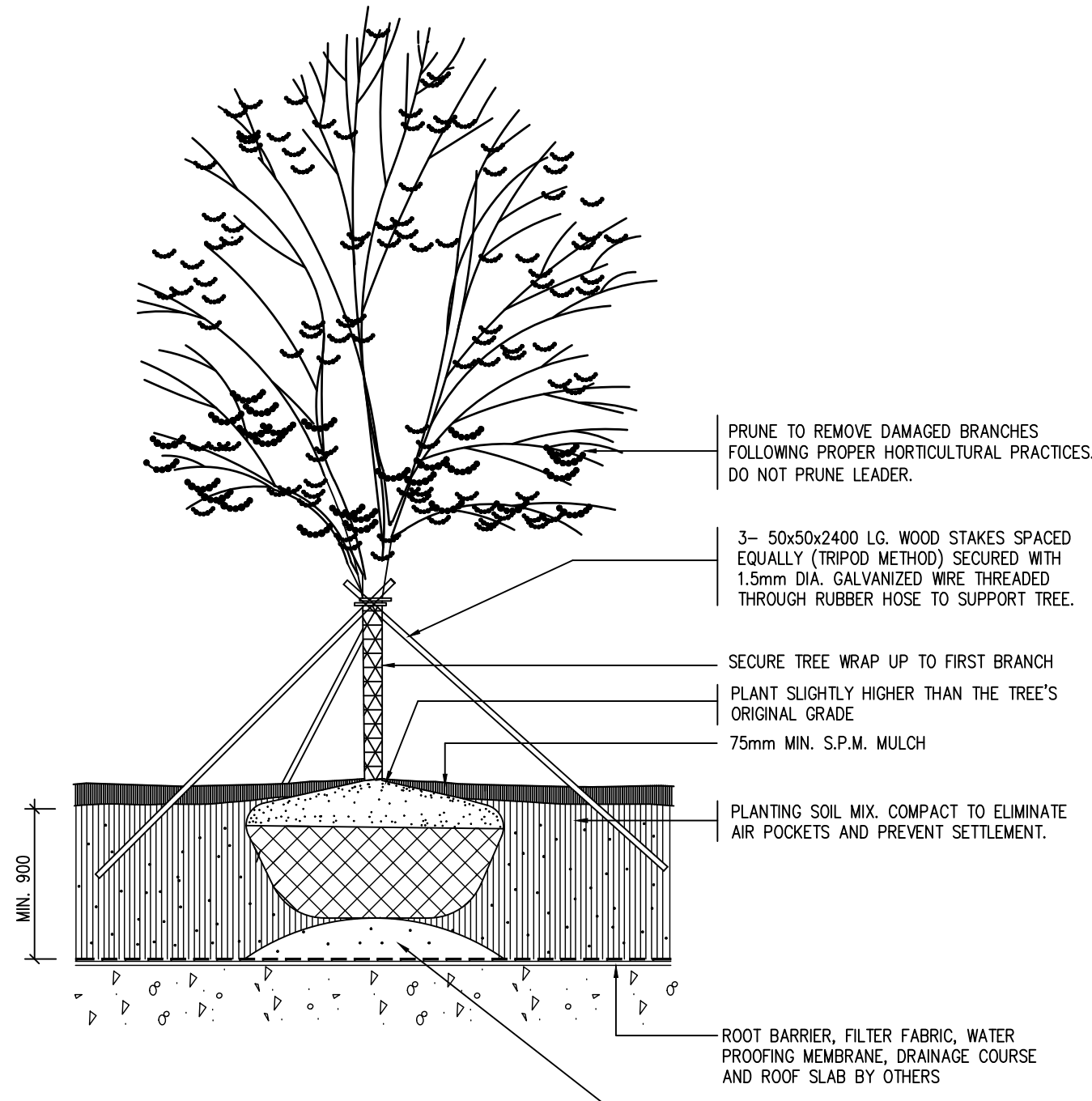
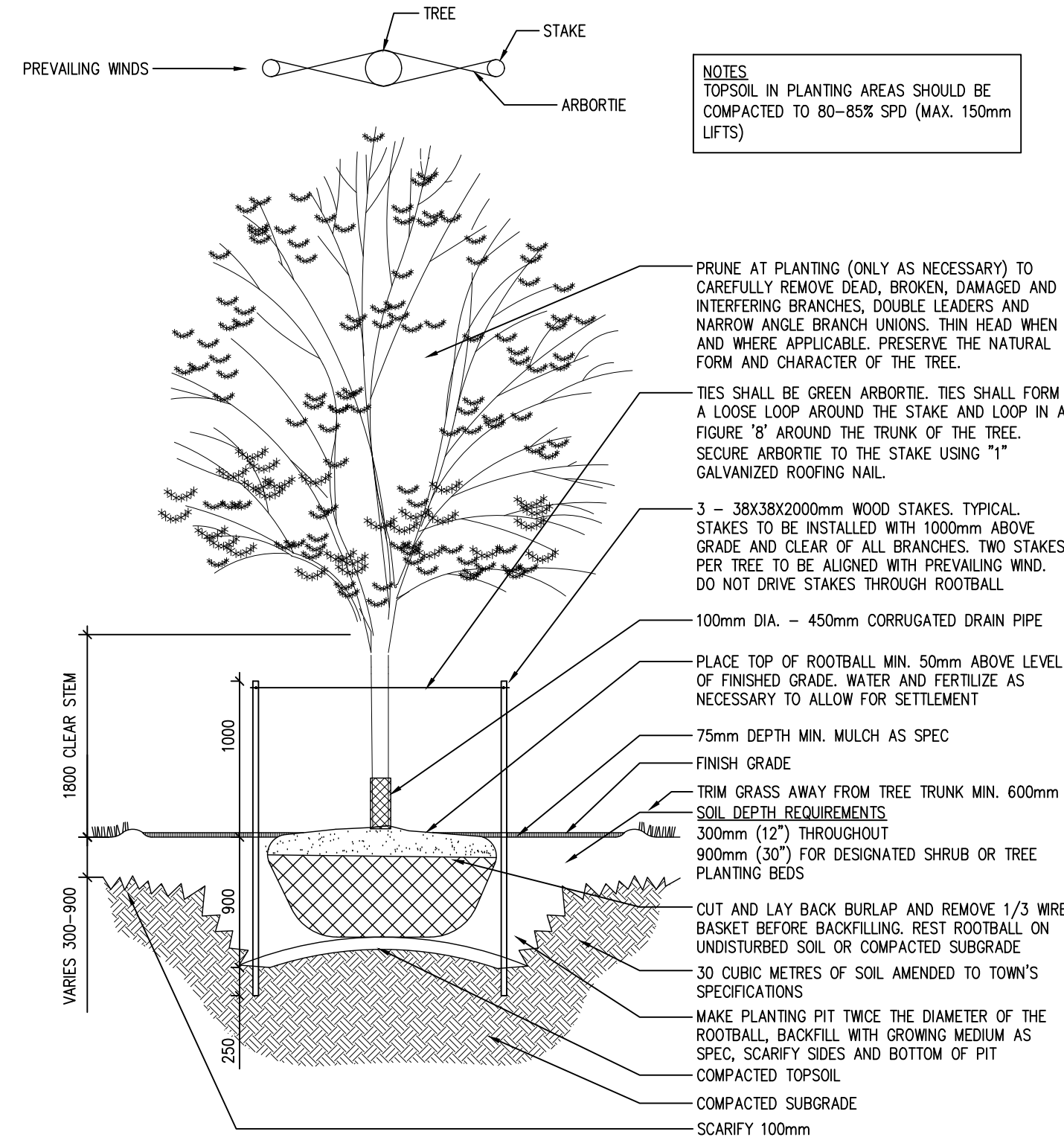
Project

**Oakville - Phase 4C**  
 Oakville, ON

Title  
**LIGHTING PLAN**

Date	June 07 2021	Sheet	
Scale	1:150		
Drawn	tfj		
Checked	pd		
Job No.	21148		

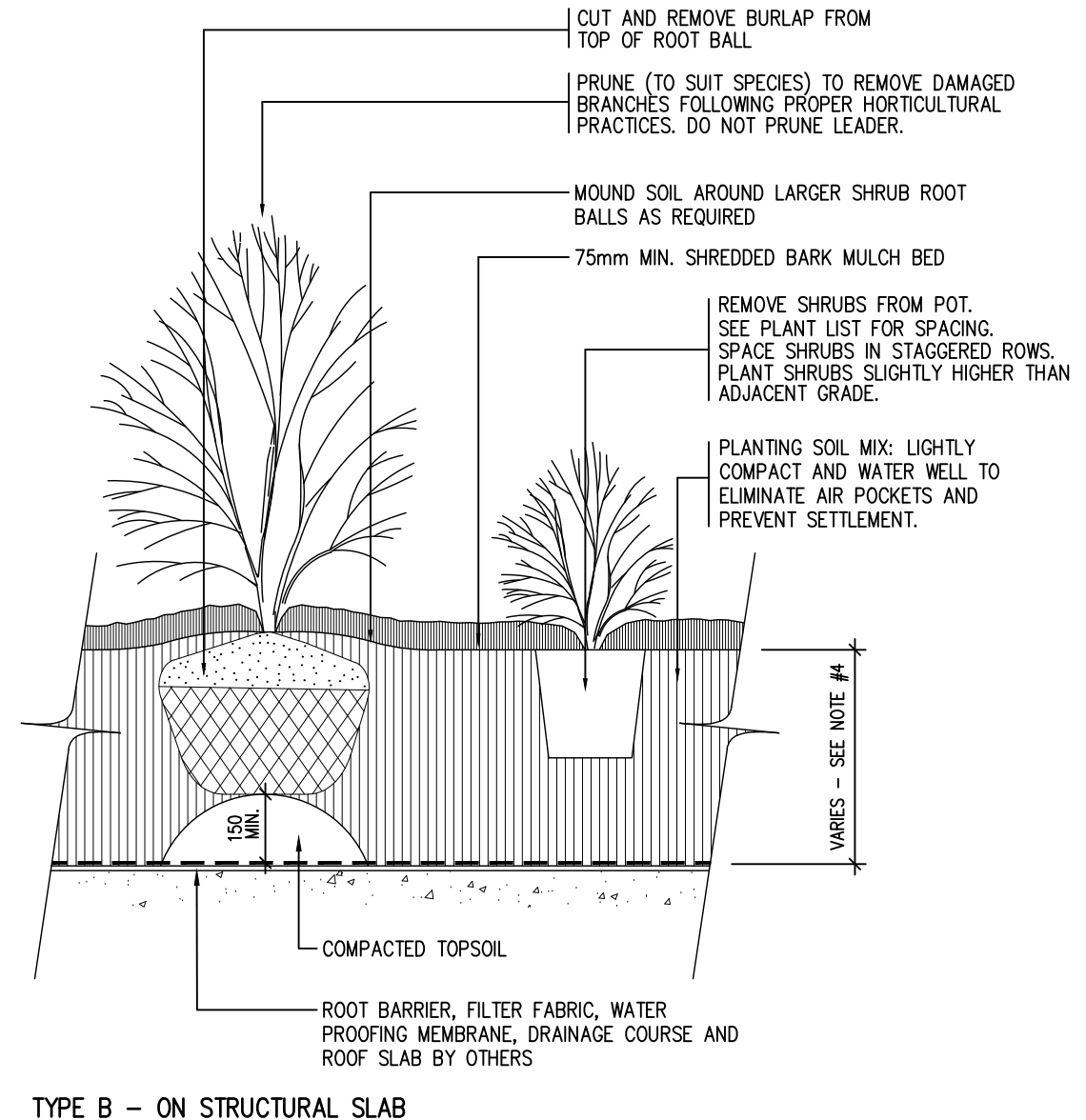
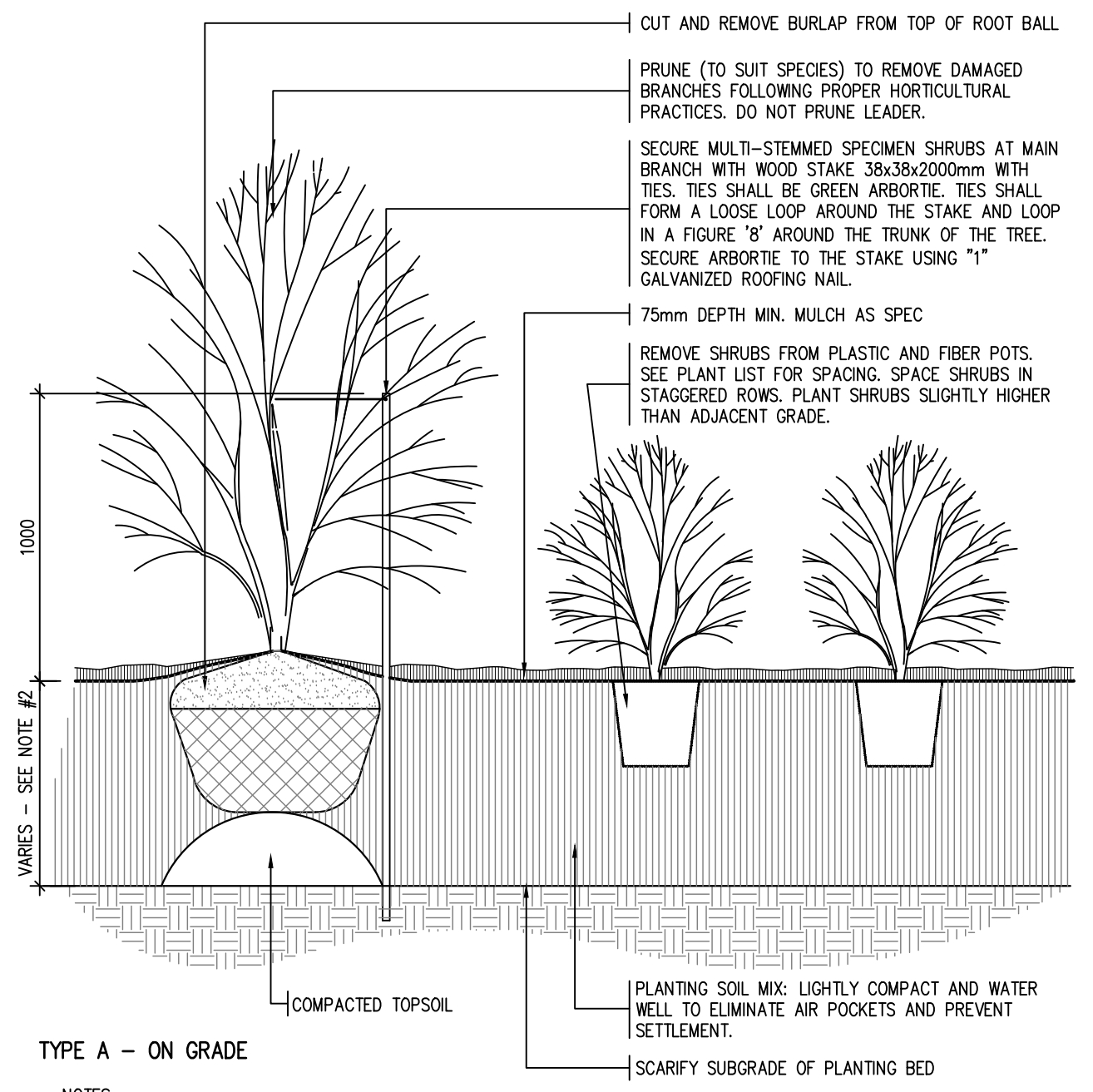
LT



**PLANTING NOTES:**

- CONTRACTOR TO VERIFY LOCATION OF ALL SERVICES PRIOR TO ANY EXCAVATION.
- LOCATIONS OF ALL PLANT MATERIALS TO BE STAKED BY THE CONTRACTOR AND VERIFIED IN THE FIELD BY THE LANDSCAPE ARCHITECT PRIOR TO THE EXCAVATION OF PITS.
- ALL PLANT MATERIALS SHALL BE NURSERY GROWN STOCK UNLESS OTHERWISE NOTED.
- ALL PLANTING BEDS AND TREE BASES TO BE COVERED WITH 100mm FINE 'GRO-BARK SPM' MULCH. CONIFEROUS PLANTING TO BE CONTINUOUSLY MULCHED WHEN IN A BED.
- CONTRACTOR TO MAKE GOOD ALL EXISTING AREAS DAMAGED BY WORK TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT.
- THE MAINTENANCE GUARANTEE PERIOD SHALL EXTEND FOR TWO YEARS FROM THE DATE OF PERFORMANCE ACCEPTANCE.
- PERIODIC REVIEWS OF PLANTING SHALL BE CARRIED OUT BY THE LANDSCAPE ARCHITECT.
- ALL T-BARS TO BE REMOVED AFTER ONE YEAR UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT.
- TREE WRAP SHALL BE INSTALLED ON CALIPER TREES FOLLOWING INITIAL ACCEPTANCE BY THE LANDSCAPE ARCHITECT.
- ALL SHRUB BEDS SHALL BE CONTINUOUS WITH NO SOD BETWEEN PLANTS. EDGES OF BEDS TO BE DEFINED BY SMOOTH FLOWING LINES.
- HAND DIGGING OF TREE PITS OR MACHINE DIGGING IN COMBINATION WITH MANUAL EXPOSING OF UTILITY LINES AT REGULAR INTERVALS WILL BE REQUIRED.
- SODDED AREAS WILL BE ACCEPTED BY THE LANDSCAPE ARCHITECT FOLLOWING PERFORMANCE ACCEPTANCE, PROVIDED:
  - SOD IS PROPERLY ESTABLISHED
  - TURF IS FREE OF DEAD SPOTS AND WEEDS
  - SODDED AREAS HAVE BEEN CUT WITHIN 24 HOURS PRIOR TO ACCEPTANCE INSPECTION
  - MINIMUM OF 3 WEEKS HAVE ELAPSED FOLLOWING LAYING OF SOD
  - A MINIMUM OF TWO CUTS HAVE TAKEN PLACE
- SEEDED AREAS WILL BE ACCEPTED BY THE LANDSCAPE ARCHITECT/TOWN/CITY PROVIDED:
  - SEEDED AREAS ARE PROPERLY ESTABLISHED
  - TURF IS FREE OF DEAD SPOTS AND WEEDS
  - NO SURFACE SOIL IS VISIBLE WHEN GRASS HAS BEEN CUT TO HEIGHT OF 50MM SEEDED AREAS HAVE BEEN CUT NO LESS THAN ONCE, THE TIMING OF WHICH SHALL BE COORDINATED WITH THE LANDSCAPE ARCHITECT
- TOPSOIL TO BE FRIABLE NATURAL LOAM, RANGE 6.0pH TO 7.5pH CONTAINING A MINIMUM OF 4% ORGANIC MATTER, AND SHALL BE FREE OF STONES, ROOTS, LUMPS AND OTHER SOLID MATERIALS.
- STOCKPILE TOPSOIL IS TO BE TESTED AND ANALYZED FOR N. P. K. Mg. SOLUBLE SALT CONTENT, ORGANIC MATTER AND pH VALUE, ETC.
- ADJUST FERTILIZER REQUIREMENTS AND OTHER ADDITIVES FOR THE MAINTENANCE PROGRAM TO CONFIRM THE SOIL TESTING REPORT RECOMMENDATIONS.
- SPREAD TOPSOIL TO 300mm DEPTH FOR ALL AREAS TO BE SODDED OR SEEDDED, AND 450-600mm DEPTH FOR SHRUB BEDS. PROVIDE 300mm DEPTH TOPSOIL FOR THE FIRST 1m BELOW THE PERMANENT WATER LEVEL.
- DEPTH OF TOPSOIL INDICATED IS COMPACTED DEPTH TO 85% STANDARD PROCTOR DENSITY.
- SPREAD TOPSOIL ON PREPARED SUBGRADE OF THE WORK SITE.
- FINE GRADING TOPSOIL TO PRODUCE A SMOOTH EVEN SURFACE, FREE OF DEBRIS, SOD, STONES AND ROOTS OVER 25mm DIAMETER.
- MEET AND MATCH ALL EXISTING SODDED AREAS, CURBS, SIDEWALKS, AREA DRAINS, AND CATCH BASIN FRAMES, ASPHALT AND OTHER SURFACE AREAS IN A SMOOTH, UNIFORM LINE TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT.
- THE DEVELOPER SHALL GUARANTEE AND MAINTAIN ALL PLANTINGS FOR A PERIOD OF TWO (2) YEARS FROM THE DATE OF ACCEPTANCE OF THE PLANTING, OR TO THE END OF THE SUBDIVISION MAINTENANCE PERIOD WHICHEVER IS LATER. TREES AND SHRUBS FOUND DEAD, DEFECTIVE OR NOT IN A HEALTHY GROWING CONDITION AT THE END OF THIS PERIOD SHALL BE REPLACED AND RE-GUARANTEED TO AND ADDITIONAL TWO (2) YEARS FROM THE DATE OF REPLACEMENT.

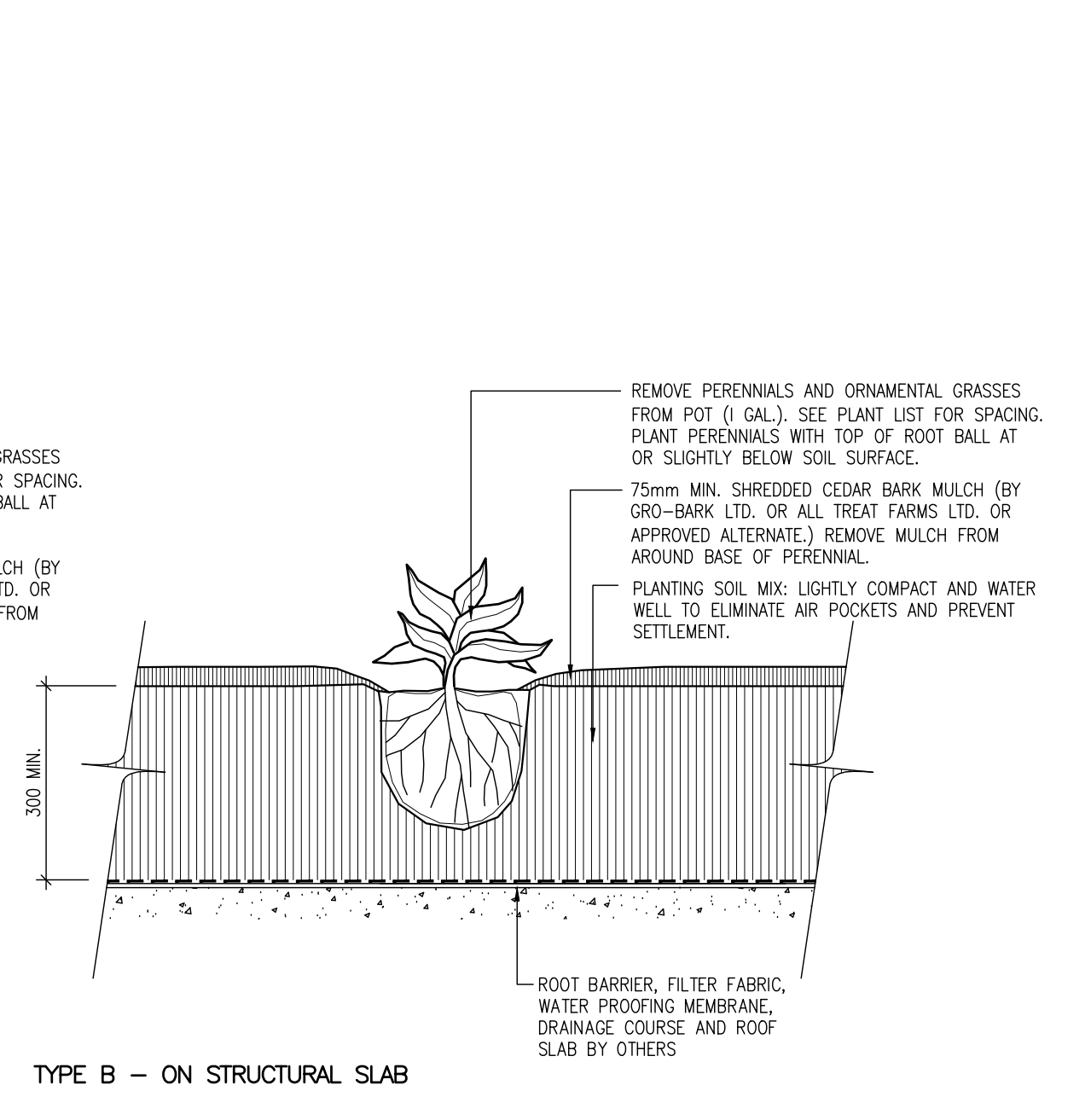
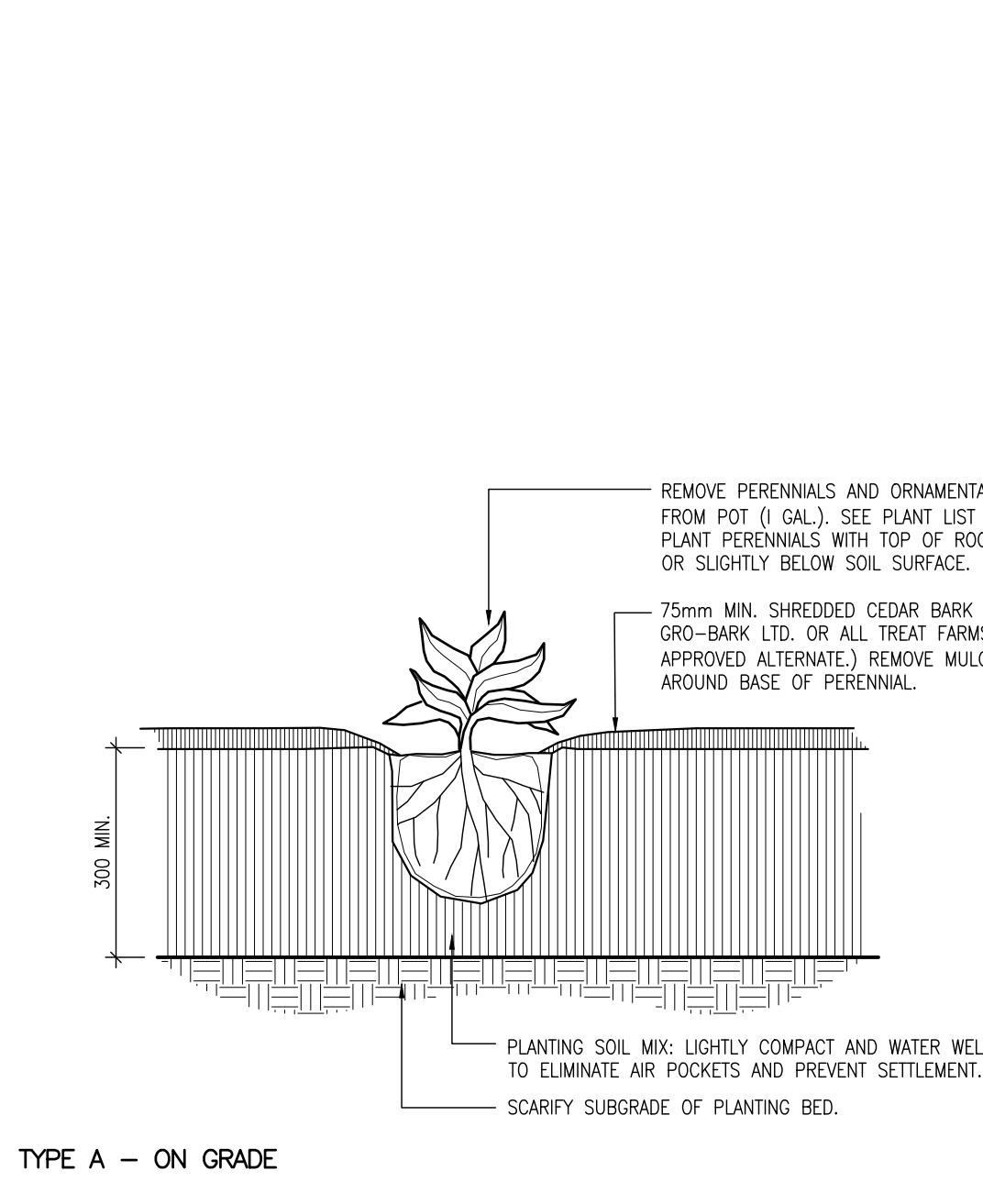
**1 DECIDUOUS TREE PLANTING**  
N.T.S.



- NOTES**
- TOPSOIL IN PLANTING AREAS SHOULD BE COMPACTED TO 80-85% SPD (MAX. 150mm LIFTS)
  - PROVIDE 600mm DEPTH FOR LARGE MULTI-STEM SPECIMEN SHRUBS AND 450mm DEPTH FOR ALL OTHER SHRUBS.

- NOTES**
- PLANTING SOIL MIXTURE (MIX THOROUGHLY) AND FERTILIZER - REFER TO PLANTING NOTES
  - SHRUBS SPECIFIED BARE ROOTS (B.R.) TO BE PLANTED SO THAT ROOTS ARE PLACED NATURALLY WITH SOIL MIX BACKFILLED CAREFULLY TO PREVENT ROOT DAMAGE.
  - PROVIDE 150 HIGH EARTH SAUCER AROUND SHRUB BED WITH 100 WIDE SMOOTH BED EDGE TO RETAIN MULCH.
  - PROVIDE 600mm DEPTH FOR LARGE MULTISTEM SPECIMEN SHRUBS AND 450mm DEPTH FOR ALL OTHER SHRUBS.

**2 SHRUB PLANTING**  
N.T.S.



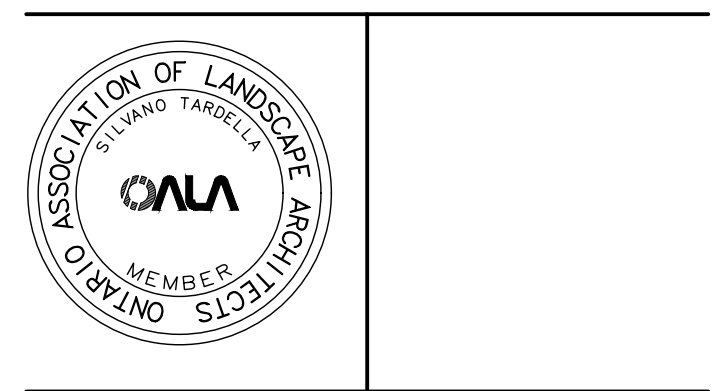
- NOTES**
- PLANTING SOIL MIXTURE (MIX THOROUGHLY) 6-PARTS GOOD QUALITY TOP SOIL, 2-PARTS WELL-ROTTED COW MANURE, 1-PART PEAT MOSS.
  - IF PLANT IS ROOT-BOUND AFTER REMOVING FROM POT, BREAK UP ROOT BALL WITH SHARP KNIFE. ENSURE ROOT BALL IS MOIST BEFORE PLANTING.
  - WEED BARRIER BY TERRAFIX OR APPROVED EQUIVALENT. OVERLAP MAT MIN. 150mm AND CUT AS REQUIRED TO INSTALL PLANTING.

**3 PERENNIAL PLANTING**  
N.T.S.

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Key Plan

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-		
2	Issued for SPA 1 Submission	Nov 19/21
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Project

**Oakville - Phase 4C**  
Oakville, ON

Title

PLANTING DETAILS

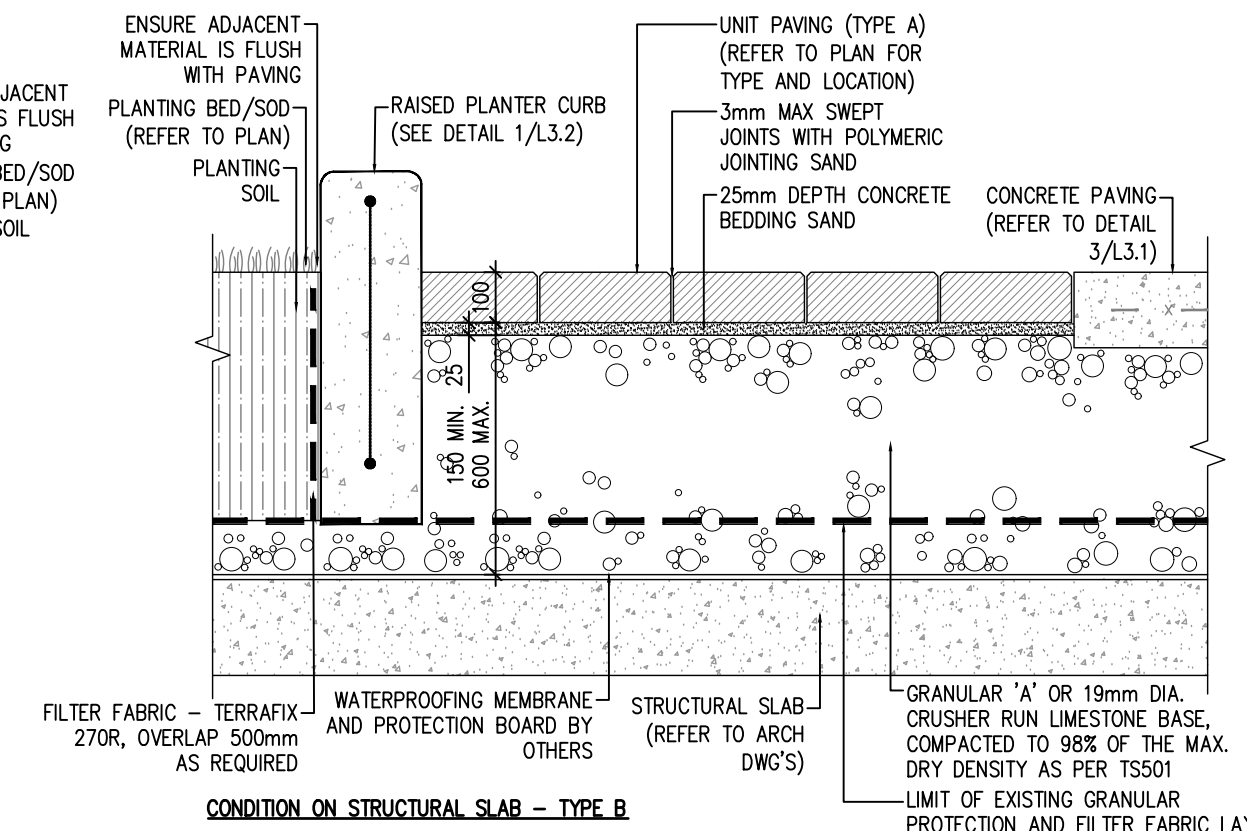
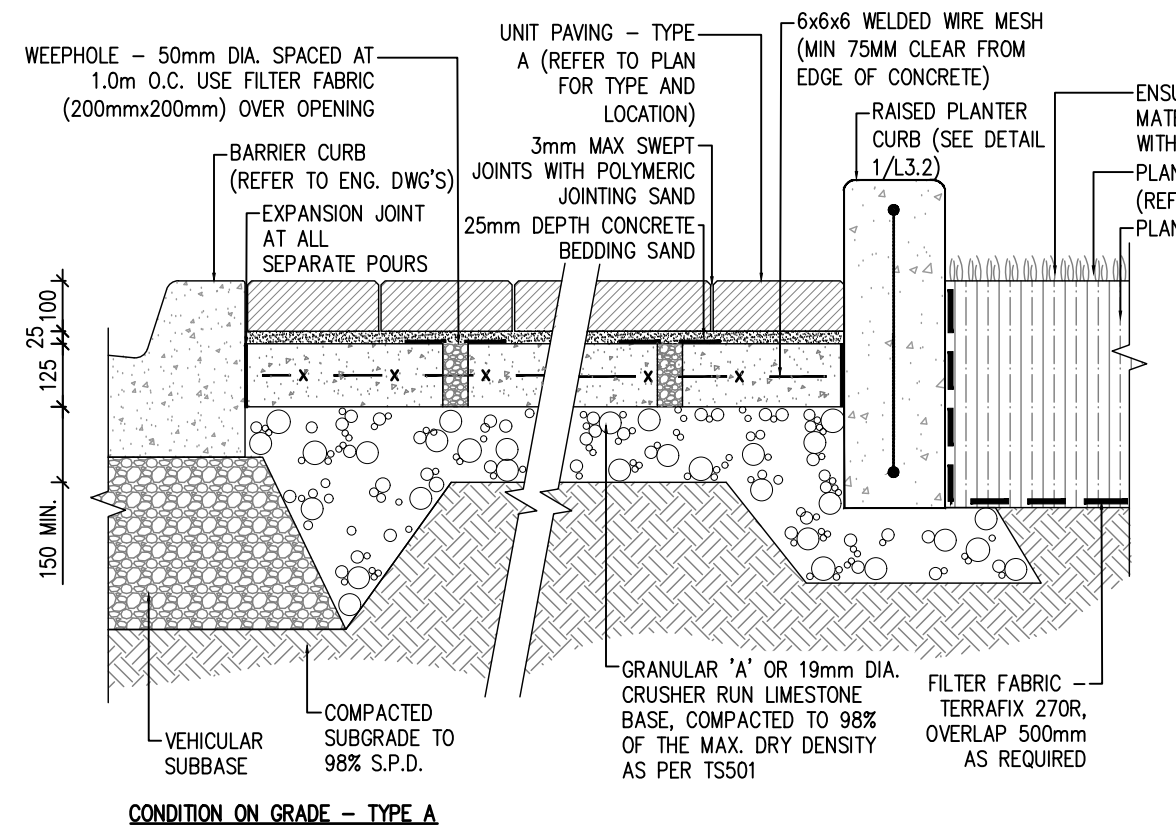
Date	June 07 2021	Sheet
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Drawn	tfg	
Checked	pd	
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**L3.0**

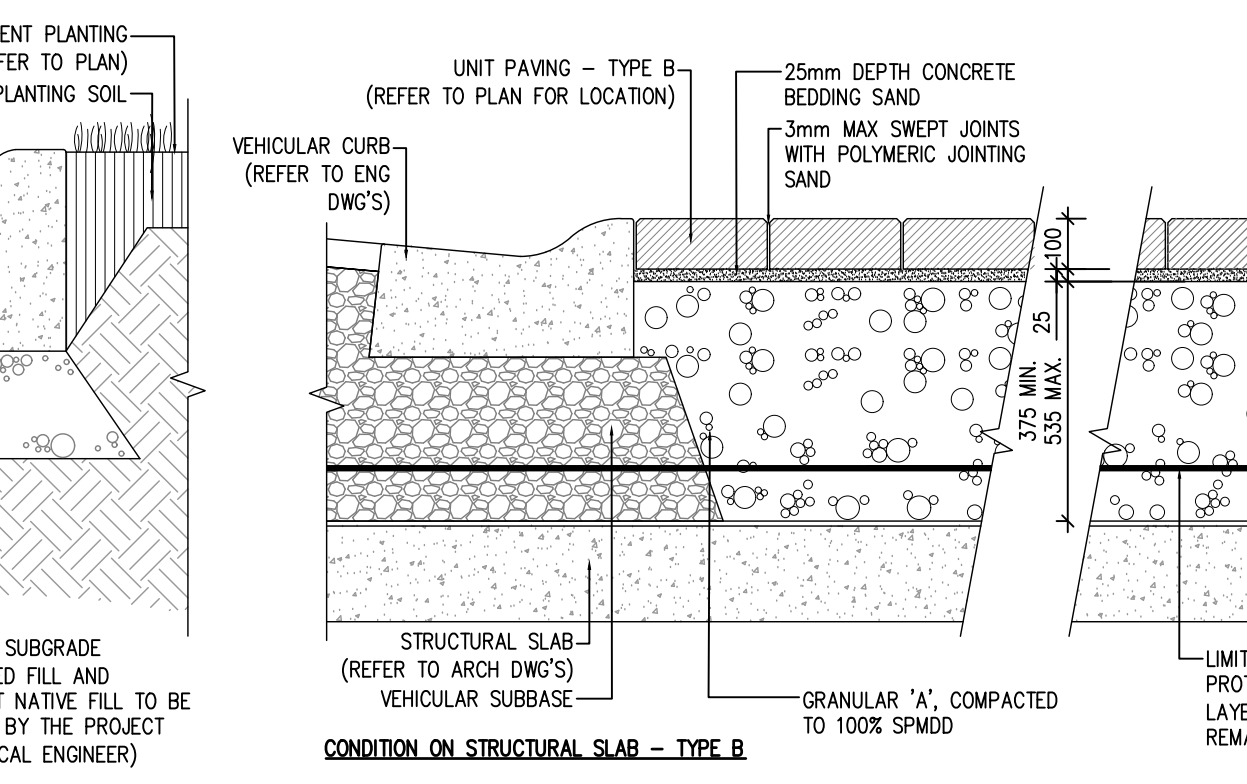
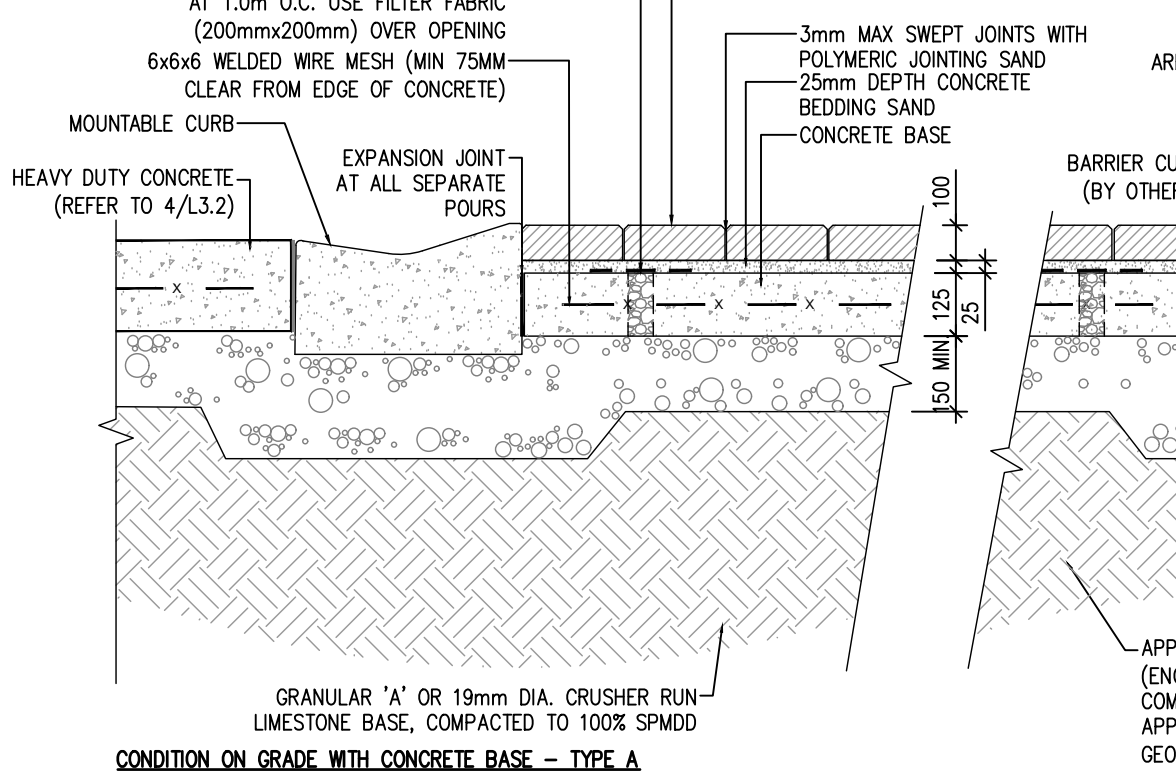
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Key Plan

- NOTES:**
- FOR COLOUR AND PATTERN REFER TO DETAIL PLANS
  - CONTRACTOR TO PROVIDE SAMPLES FOR ALL UNIT PAVING FOR REVIEW AND APPROVAL BY CLIENT AND LANDSCAPE ARCHITECT PRIOR TO ORDERING.
  - PROVIDE CONCRETE EDGING WHEN PAVERS ARE ADJACENT TO SOFT LANDSCAPE (PLANTING BEDS OR SOD).

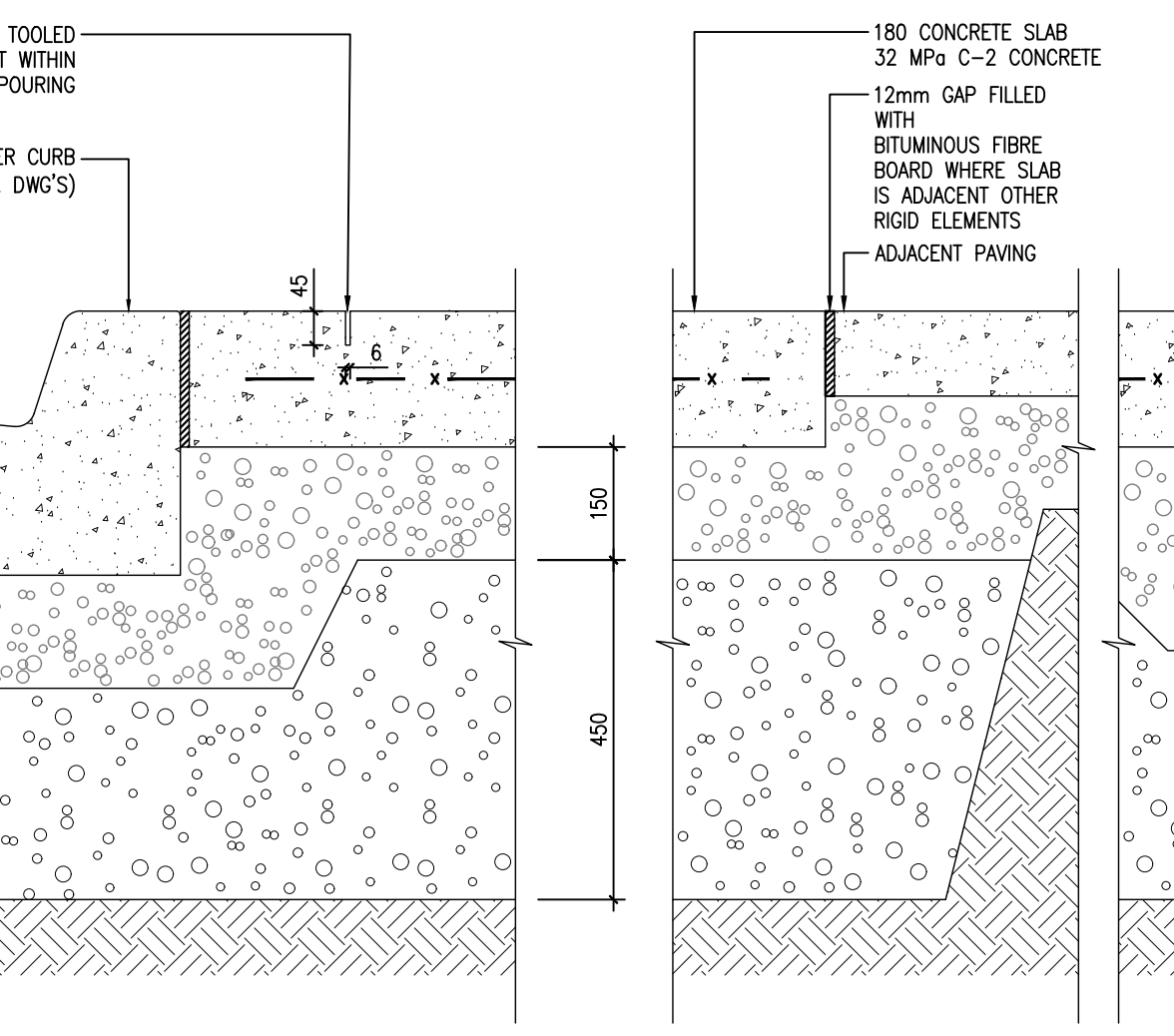
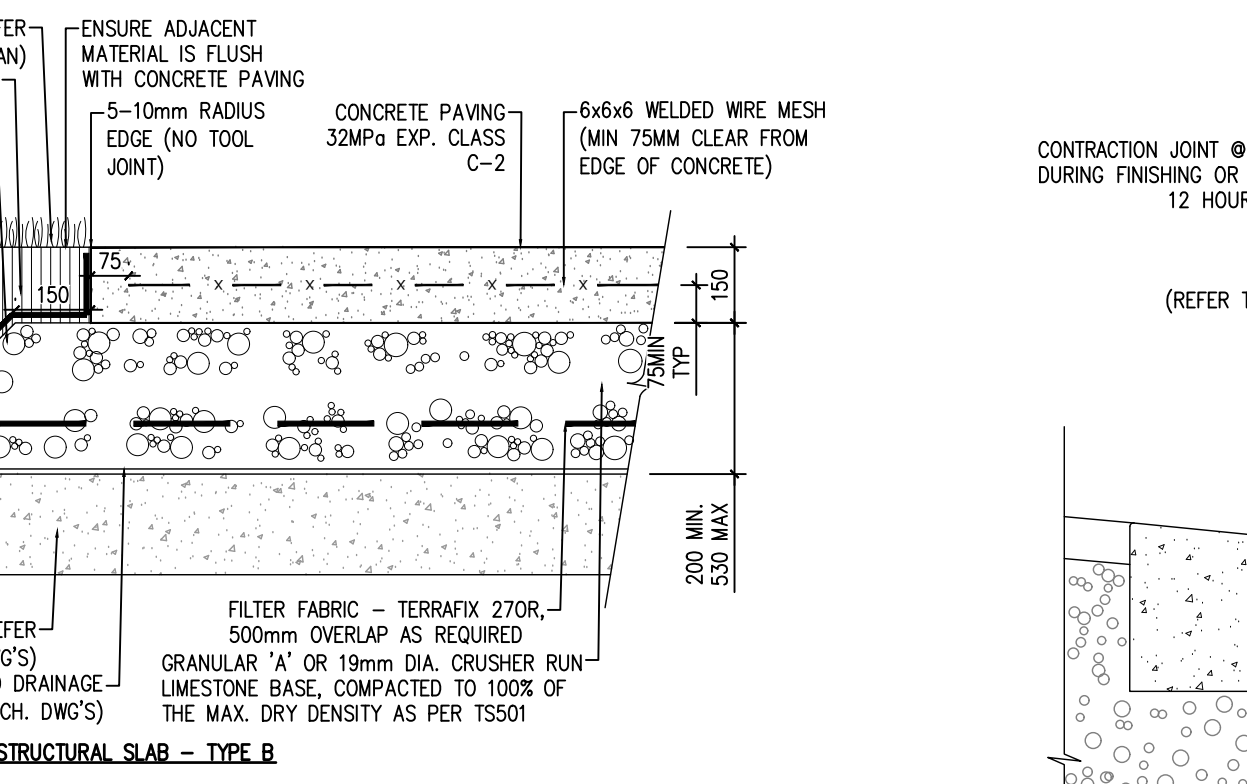
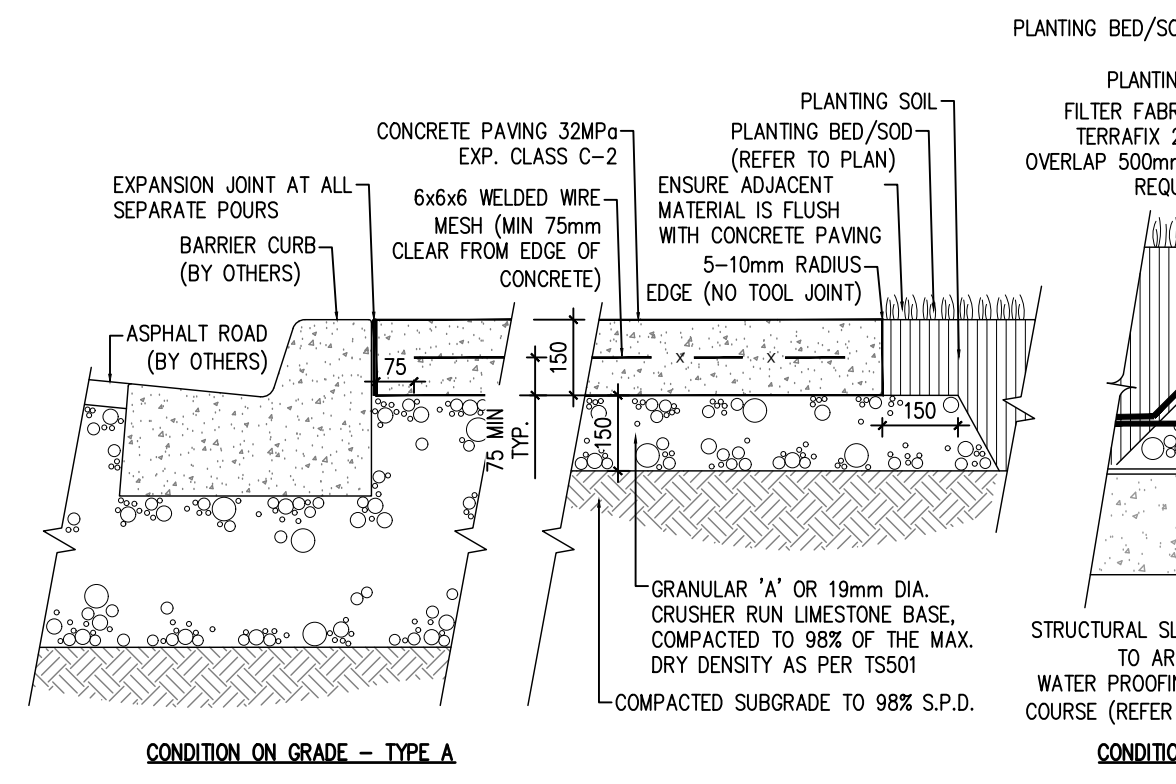


- NOTES:**
- FOR COLOUR AND PATTERN REFER TO DETAIL PLANS (LD SERIES)
  - CONTRACTOR TO PROVIDE SAMPLES FOR ALL UNIT PAVING FOR REVIEW AND APPROVAL BY CLIENT AND LANDSCAPE ARCHITECT PRIOR TO ORDERING.



**1 UNIT PAVING - PEDESTRIAN**  
1:15

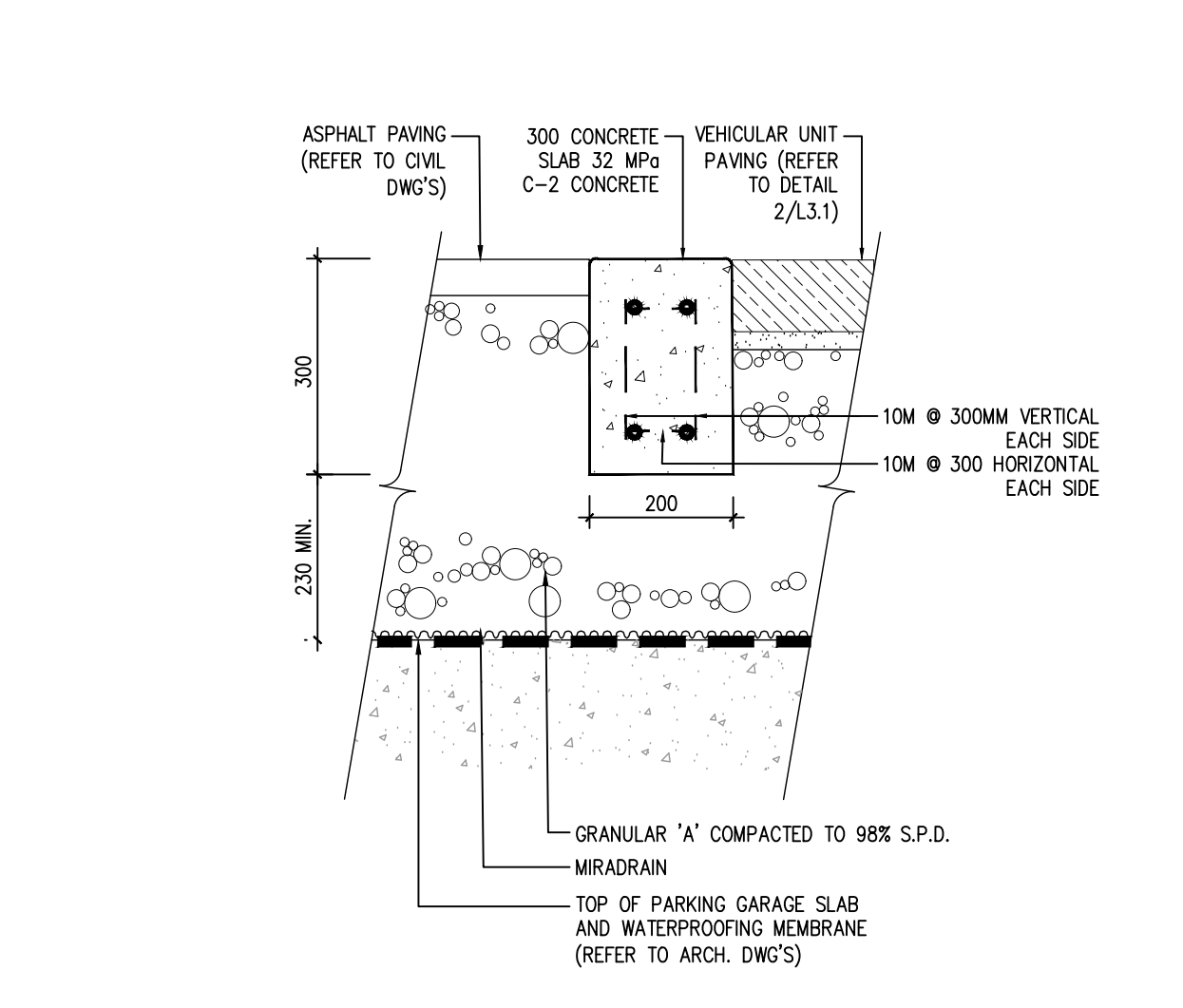
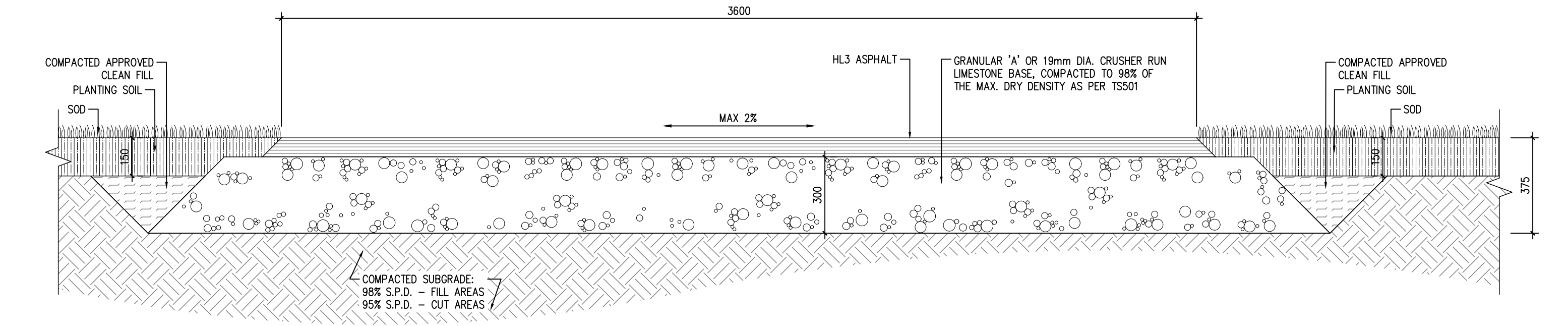
**2 UNIT PAVING - VEHICULAR**  
1:15



- TYPE A (AT PUBLIC AND PRIVATE WALKWAYS - REFER TO PLAN)**
- LIGHT BROOM FINISH
- TYPE B (AT PRIVATE REALM PATIOS - REFER TO PLAN)**
- SANDBLAST FINISH
  - DECORATIVE SAW CUTS
- GENERAL NOTES:**
- CONTRACTOR TO PROVIDE SAMPLES (3m x 3m PANEL) FOR CLIENT AND LANDSCAPE ARCHITECT REVIEW AND APPROVAL PRIOR TO INSTALLATION WORKS.
  - NO TROWELLED EDGE.
  - PROVIDE CONTROL JOINTS AT 1500mm INTERVALS UNLESS NOTED OTHERWISE. FORM JOINTS WITH A DOUBLE EDGER IN FRESH CONCRETE, THEN SAW CUT TO A DEPTH OF 45mm.
  - PROVIDE EXPANSION JOINTS AT SPACING ± 6000mm MAX. AND ABUTTING OTHER CONCRETE STRUCTURES UNLESS NOTED OTHERWISE ON PLAN - BITUMINOUS BIRRE WITH CAULKING/SEALER.
  - CURING MEMBRANE (WHITE PIGMENT) TO BE APPLIED AT THE RATE OF 4 sq.m/L.

**3 CONCRETE PAVING**  
1:15

**4 CONCRETE PAVING - HEAVY DUTY**  
1:10



- NOTES:**
- EXCAVATION:** EXCAVATE TO 375 MINIMUM DEPTH OR DEEPER AS REQUIRED. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF ANY UNSUITABLE SUBGRADE MATERIAL SUCH AS TOPSOIL, ALL SOFT SPOTS AND/OR ORGANIC MATTER AND REPLACEMENT WITH CLEAN SUBSOL FILL. SUBGRADE SHALL BE CONSOLIDATED TO A 98% S.P.D. REMOVE EXCAVATED MATERIAL OFF SITE UNLESS OTHERWISE DIRECTED.
- GRANULAR BASE:** 300mm LAYER OF 19# CRUSHER RUN COMPACTED TO 98% STANDARD PROCTOR DENSITY MIN.
- ASPHALT:** 75mm LAYER (AFTER COMPACTION) OF HOT MIX HLB IN ACCORDANCE WITH O.P.S.S. STANDARDS. RECLAIMED ASPHALT PAVING (RAP) SHALL NOT BE INCLUDED WITHIN ASPHALT PAVING MIXES.
- EDGE TREATMENT:** ASPHALT EDGE TO BE 45° WELL TAMPED TO FORM UNIFORM, SMOOTH, CLEAN EDGES WITHOUT LATERAL DEVIATIONS. SOD TO FEATHER IN WITH EXISTING SOD AND GRADES AT A MAXIMUM SLOPE OF 4:1 ALL SEEDED OR SODDED AREAS SHALL BE 25 BELOW THE ASPHALT SURFACE. REPLACE ALL TOPSOIL AND SOD AS DIRECTED IN CUT AND FILL SITUATIONS.
- DRAINAGE:** SLOPE TO BE A MINIMUM OF 2% ON CROWNED OR CROSS SLOPED PATHS AS DIRECTED ON SITE OR AS SHOWN IN DRAWINGS.

**5 ASPHALT PAVING - HEAVY DUTY**  
1:15

**6 FLUSH CONCRETE EDGING**  
1:10

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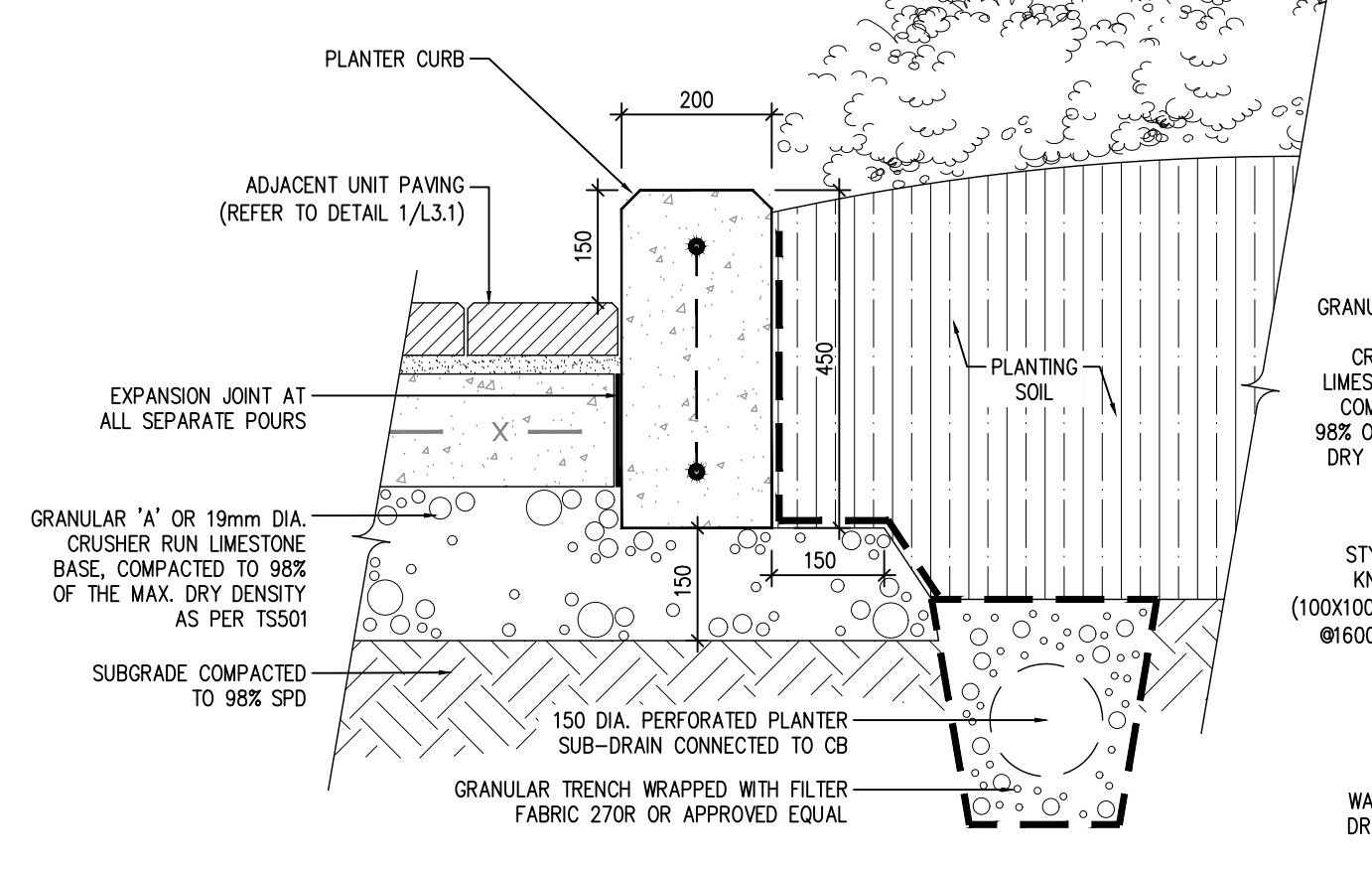
Title  
PAVING DETAILS

Date	June 07 2021	Sheet
Scale	As Noted	
Drawn	tf	<b>L3.1</b>
Checked	pd	
Job No.	21148	

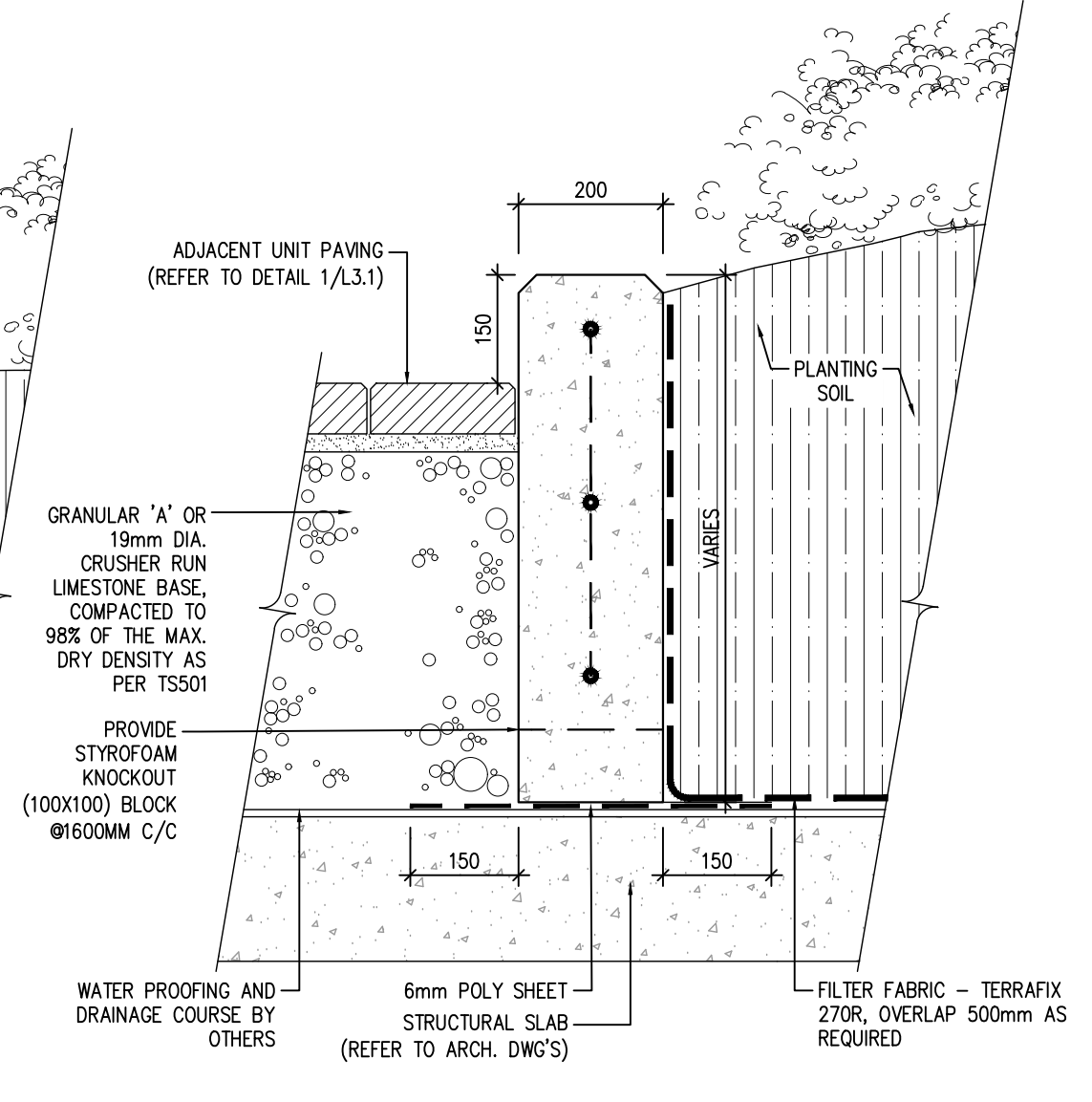
Contractor shall check all dimensions on the work and report any discrepancy to the Landscape Architect before proceeding. All drawings and specifications are the property of the Landscape Architect and must be returned at the completion of the work. This drawing is not to be used for construction until signed by the Landscape Architect.

Key Plan

NOTES:  
1. CONTRACTOR TO PROVIDE SHOP DRAWINGS AND FINISH SAMPLES FOR REVIEW PRIOR TO ORDERING MATERIALS.  
2. STRUCTURAL CERTIFICATION OF WALLS AND FOOTINGS TO BE PROVIDED PRIOR TO CONSTRUCTION, CERTIFIED BY STRUCTURAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO.  
3. ALL EXPOSED CONCRETE TO RECEIVE A LIGHT SANDBLAST FINISH.

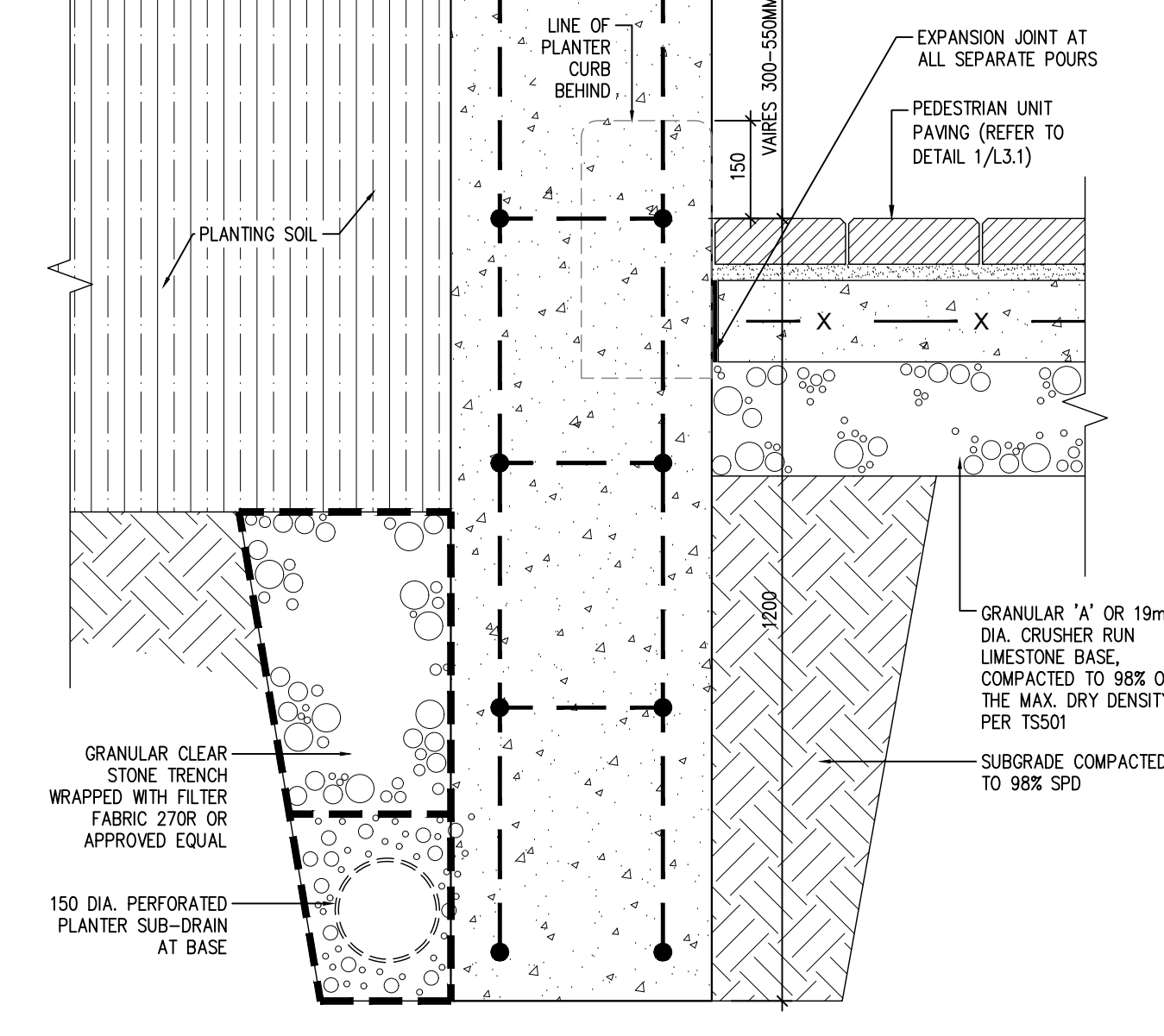


CONDITION ON SLAB - TYPE A

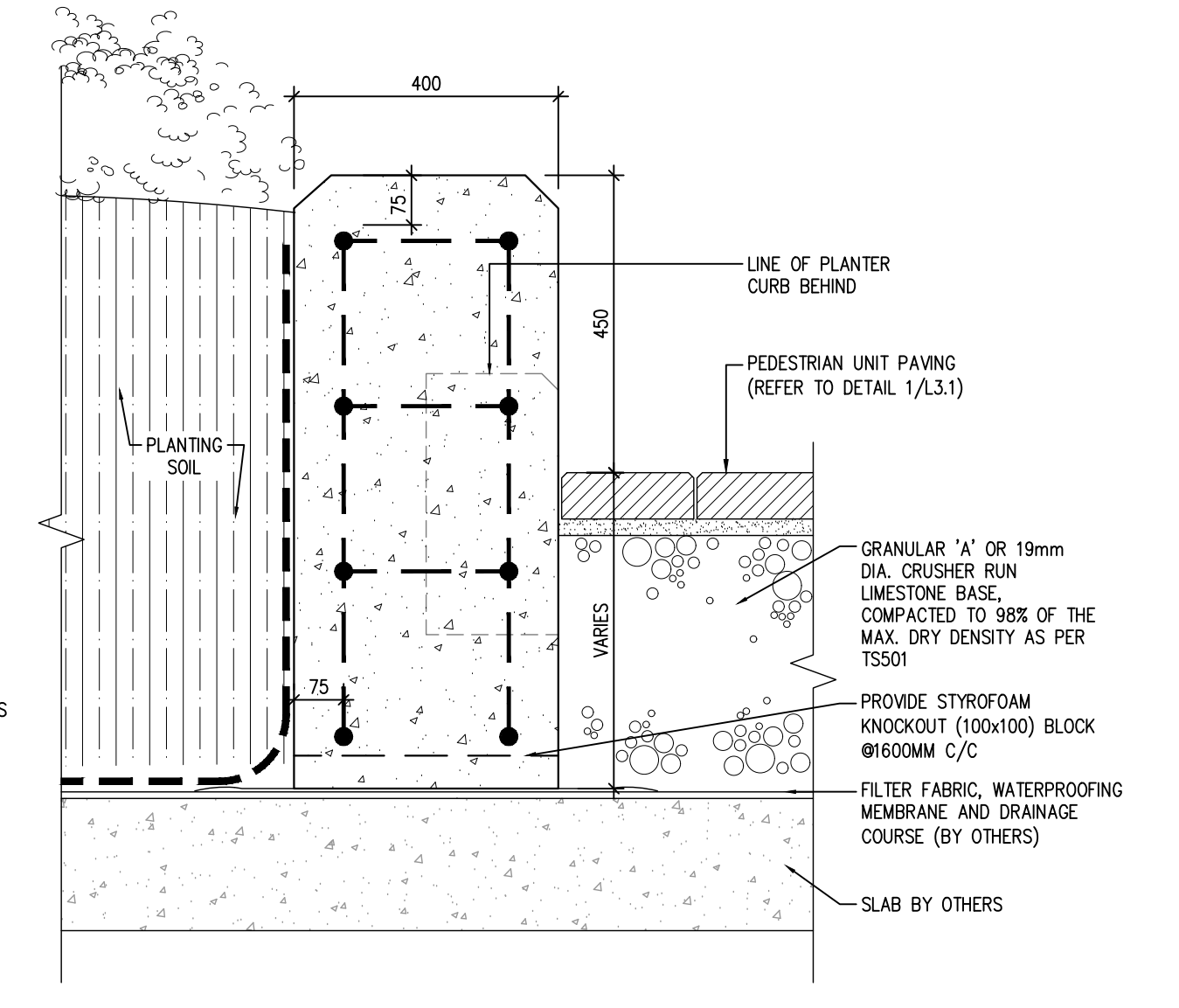


CONDITION ON SLAB - TYPE B

NOTES:  
1. CONTRACTOR TO PROVIDE SHOP DRAWINGS AND FINISH SAMPLES FOR REVIEW PRIOR TO ORDERING MATERIALS.  
2. STRUCTURAL CERTIFICATION OF WALLS AND FOOTINGS TO BE PROVIDED PRIOR TO CONSTRUCTION, CERTIFIED BY STRUCTURAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO.  
3. ALL EXPOSED CONCRETE TO RECEIVE A BOARD FORM FINISH  
4. ONLY THE SEAT WALL AT THE PEDESTRIAN ENTRANCE ON TRAFALGAR TO HAVE A CONCRETE BOARD FROM FINISH



CONDITION ON GRADE - TYPE A

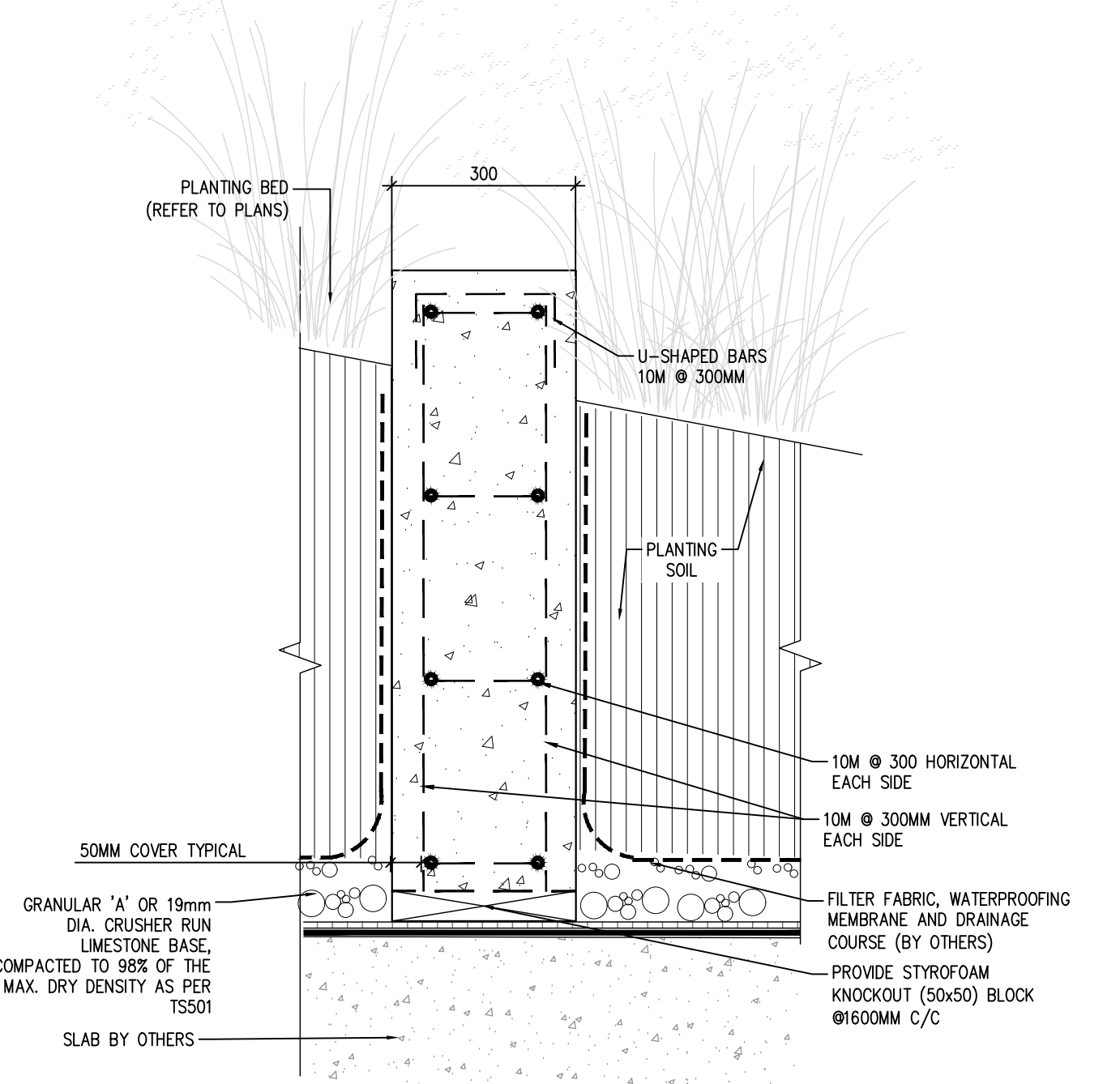


CONDITION ON SLAB - TYPE B

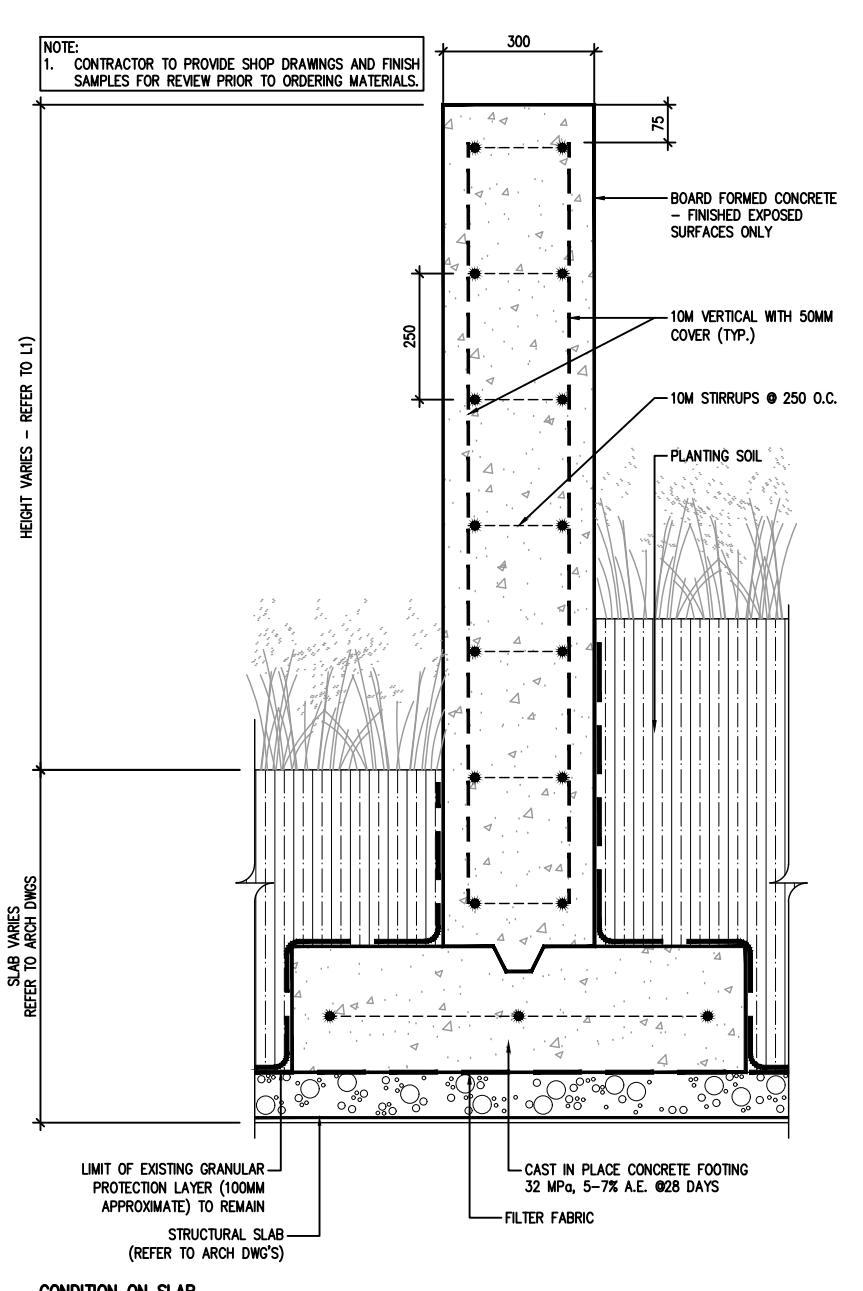
1 RAISED PLANTER CURB  
1:10

2 SEAT WALL  
1:10

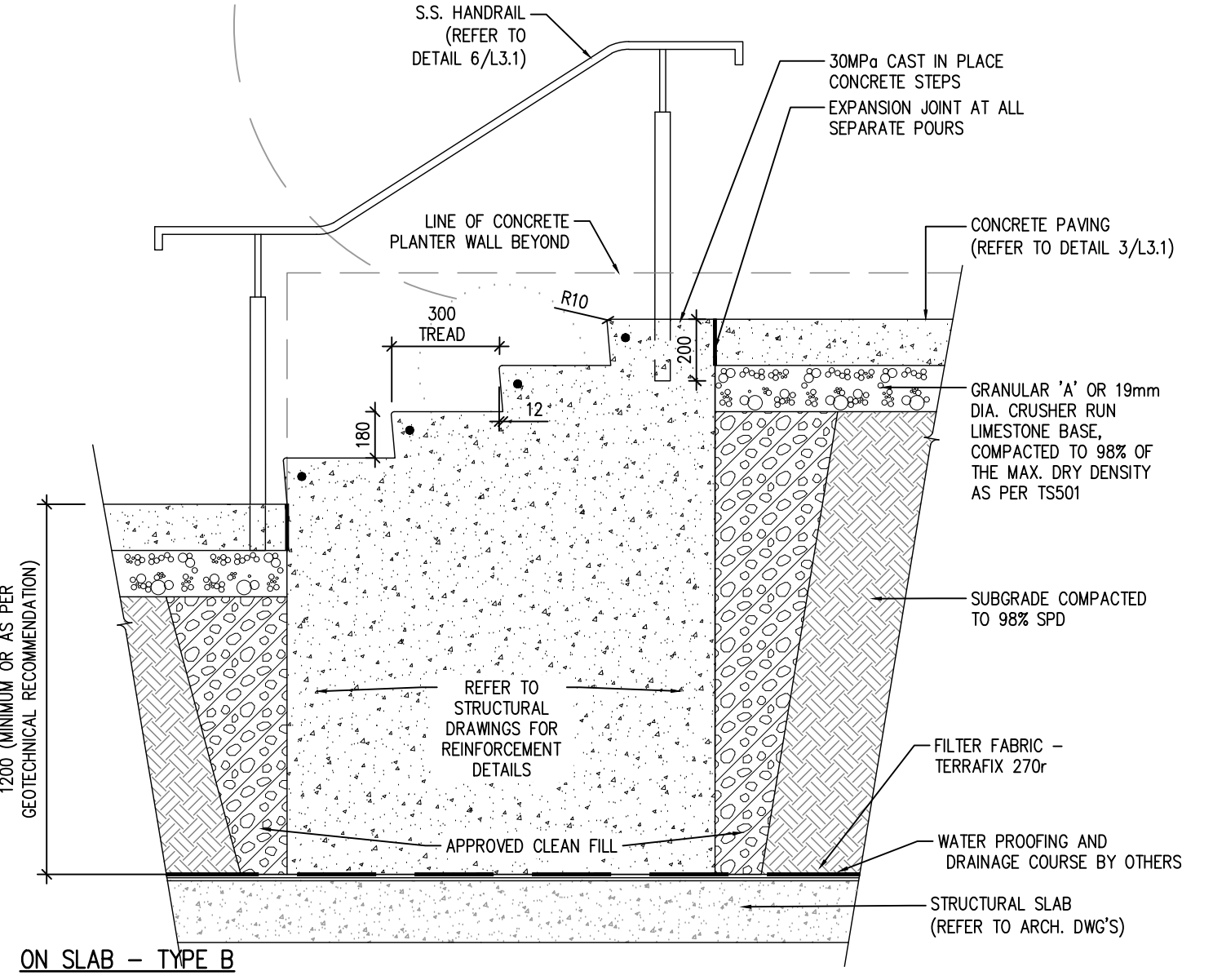
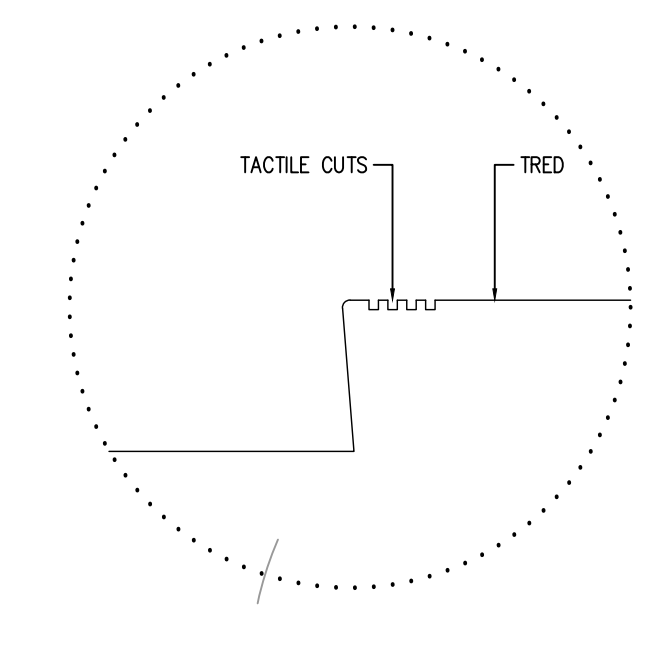
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2. STRUCTURAL CERTIFICATION OF WALLS AND FOOTINGS TO BE PROVIDED PRIOR TO CONSTRUCTION, CERTIFIED BY STRUCTURAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO.  
3. ALL EXPOSED CONCRETE TO RECEIVE A LIGHT SANDBLAST FINISH.  
4. PROVIDE V-SHAPE VERTICAL CONTROL JOINTS 12MM DEEP, MAXIMUM SPACING 4500MM.  
5. ALL REINFORCING STEEL MUST BE Fy=400Mpa  
6. CONCRETE MUST BE Fc=35Mpa AT 28 DAYS, C1 EXPOSURE.



CONDITION ON SLAB



CONDITION ON SLAB



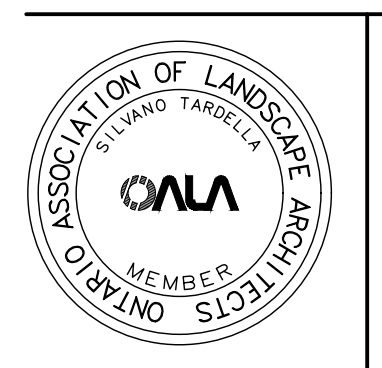
ON SLAB - TYPE B

3 CONCRETE RETAINING WALL  
1:10

4 BOARD FORMED CONCRETE WALL  
1:15

5 C.I.P CONCRETE STAIRS  
1:20

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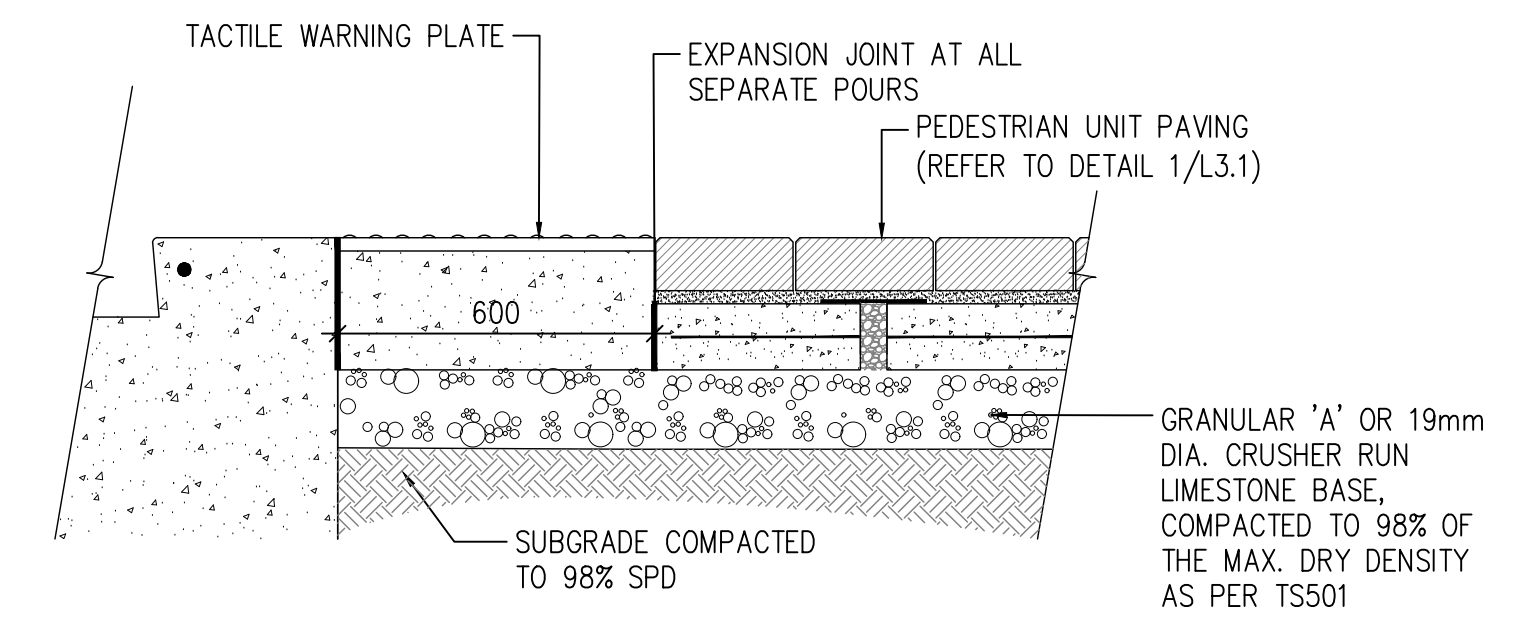
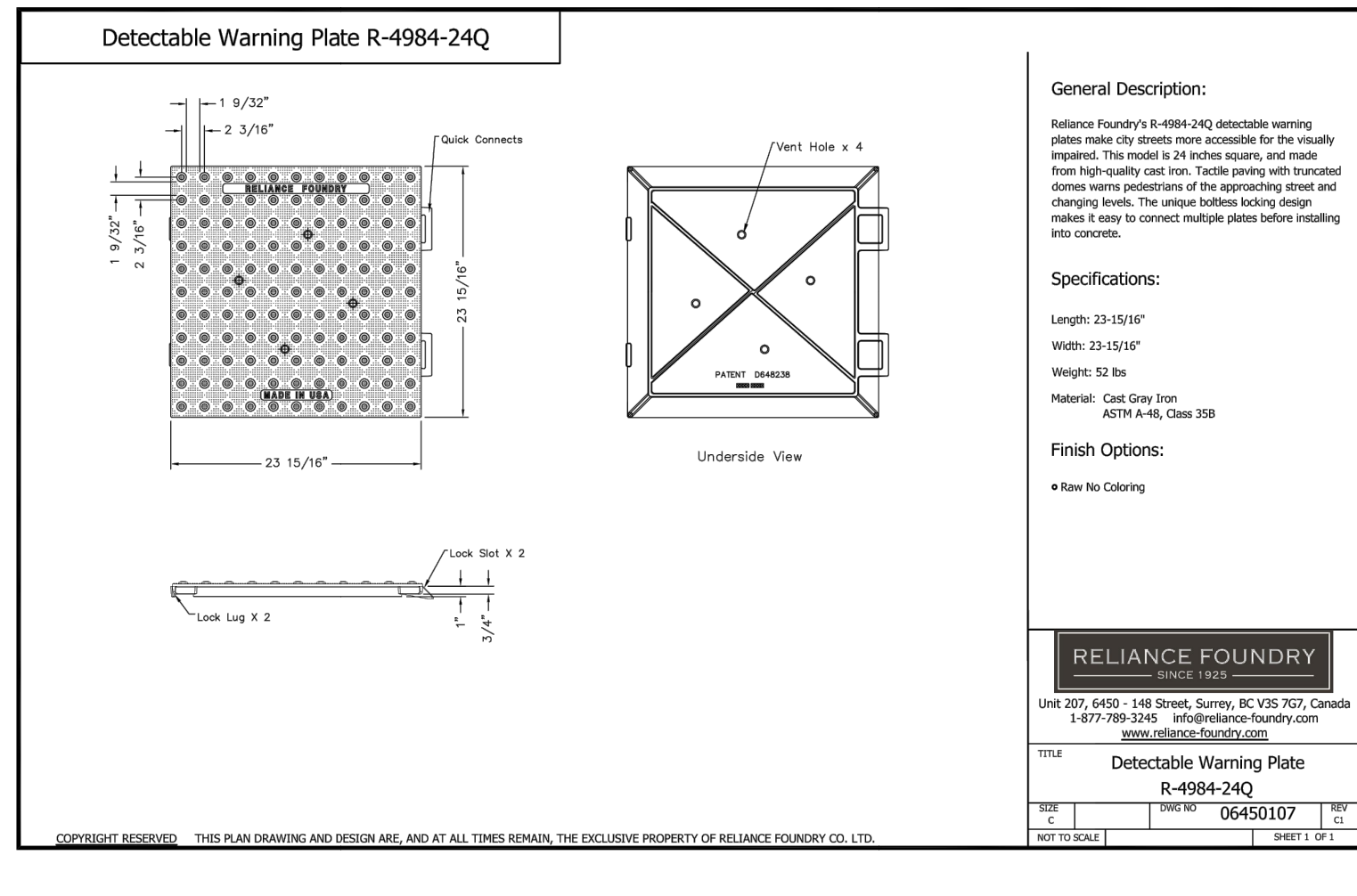
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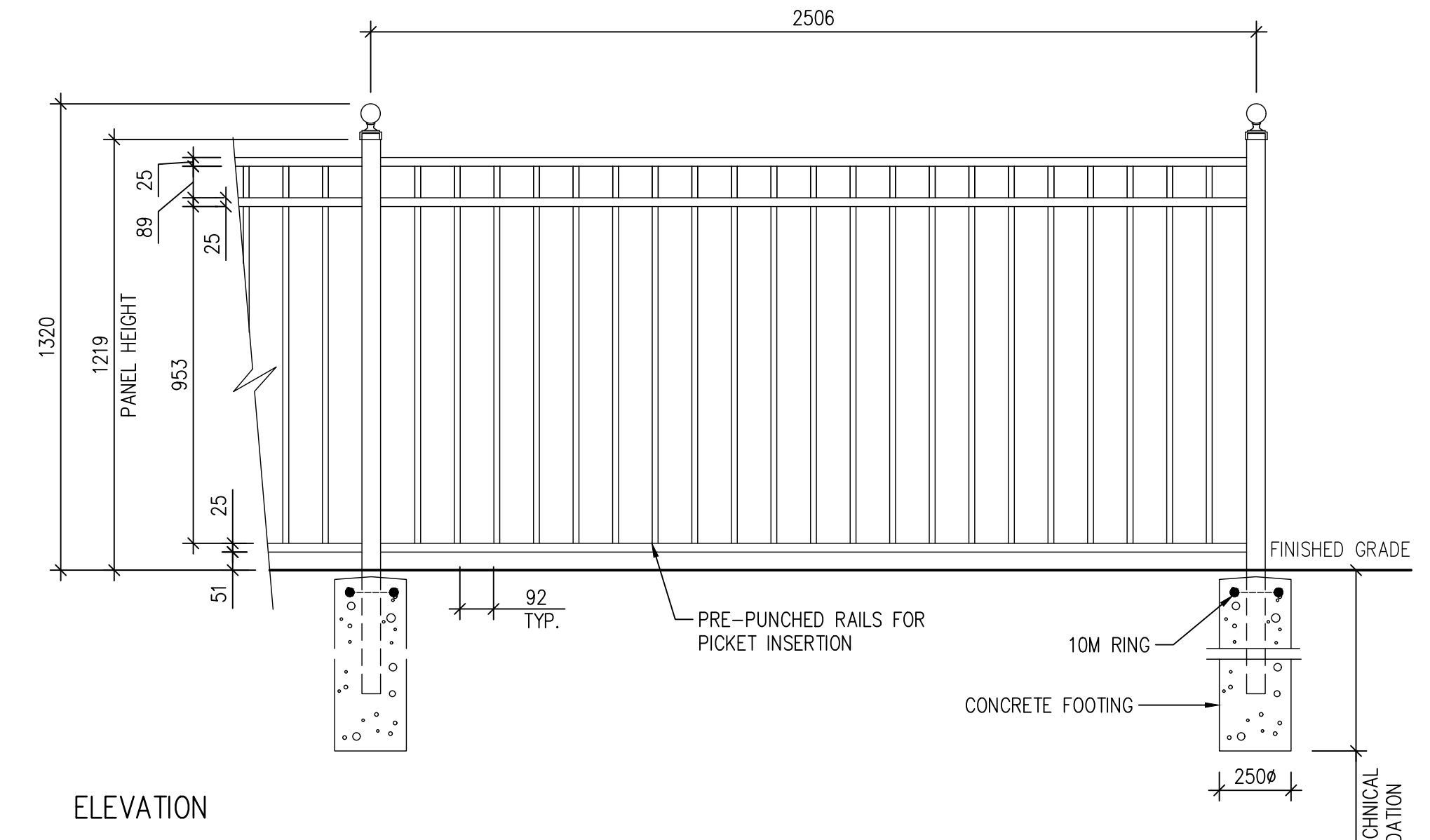
Oakville - Phase 4C  
Oakville, ON

Title  
LANDSCAPE DETAILS

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1 TACTILE PAVING PAD  
N.T.S



**ELEVATION**

**SPECIFICATIONS:**

POSTS, RAILS & PICKETS: EXTRUDED MARINE ALUMINUM CHROMATE CONVERSION COATING ELECTROSTATICALLY APPLIED THERMALLY BONDED POLYESTER POWDER COATING MINIMUM FILM THICKNESS 2.5 mils E-COAT PRIOR TO ELECTROSTATICALLY APPLIED

FITTINGS: 12 GAUGE STAMPED MARINE ALUMINUM TAMPER PROOF NUT

WELDS: ALUMINUM

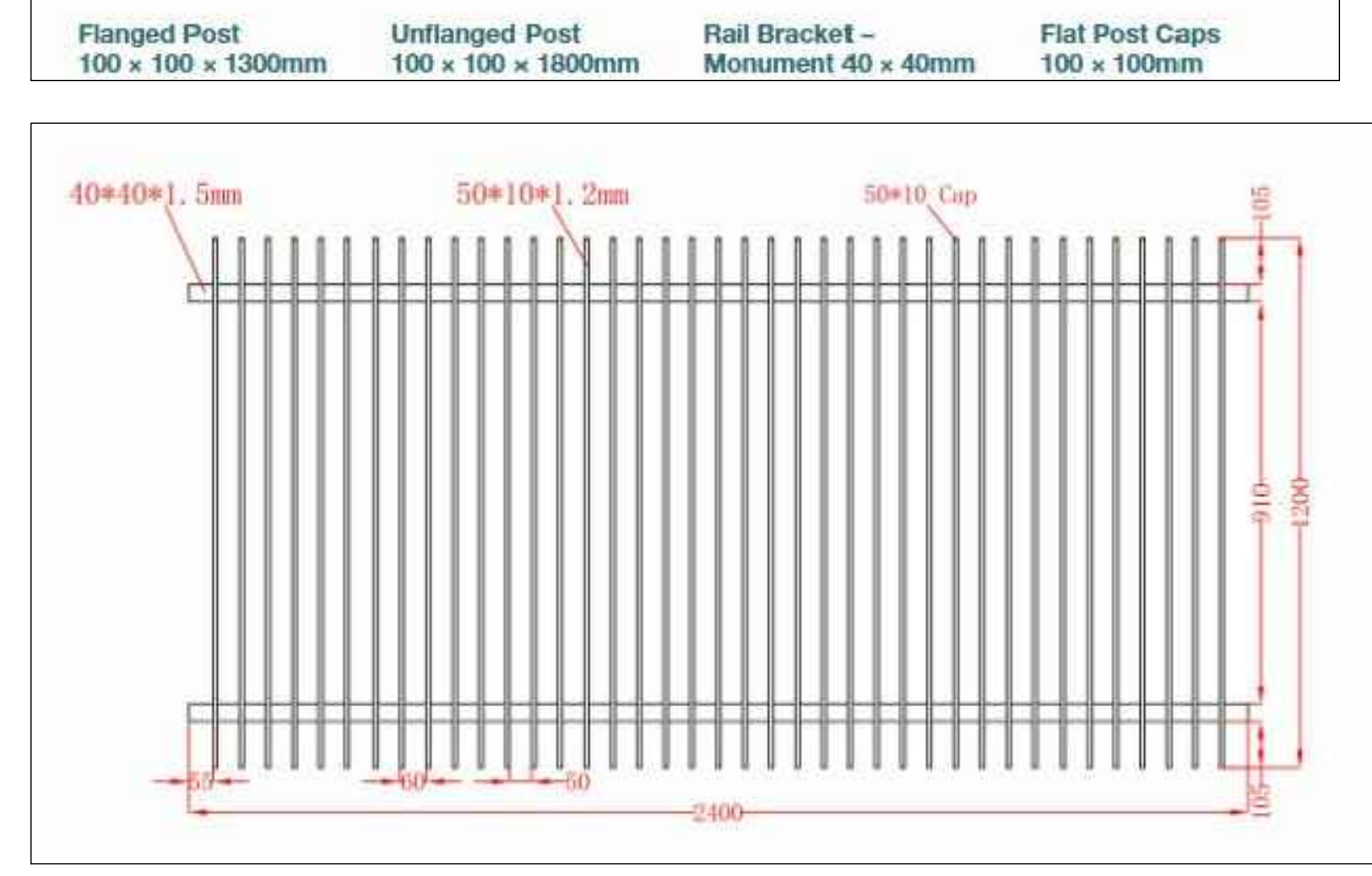
STANDARD PANEL WIDTH: 2372mm (93 3/8")

COLOUR: BLACK

WARRANTY: 5 YEARS

POSTS: 51mm x 51mm (2"x2"), .125WALL  
POST CAP: BALL  
RAILS: 25mm x 25mm (1" x 1"), .125WALL  
PICKETS: 16mm x 16mm (5/8" x 5/8"), .080 WALL

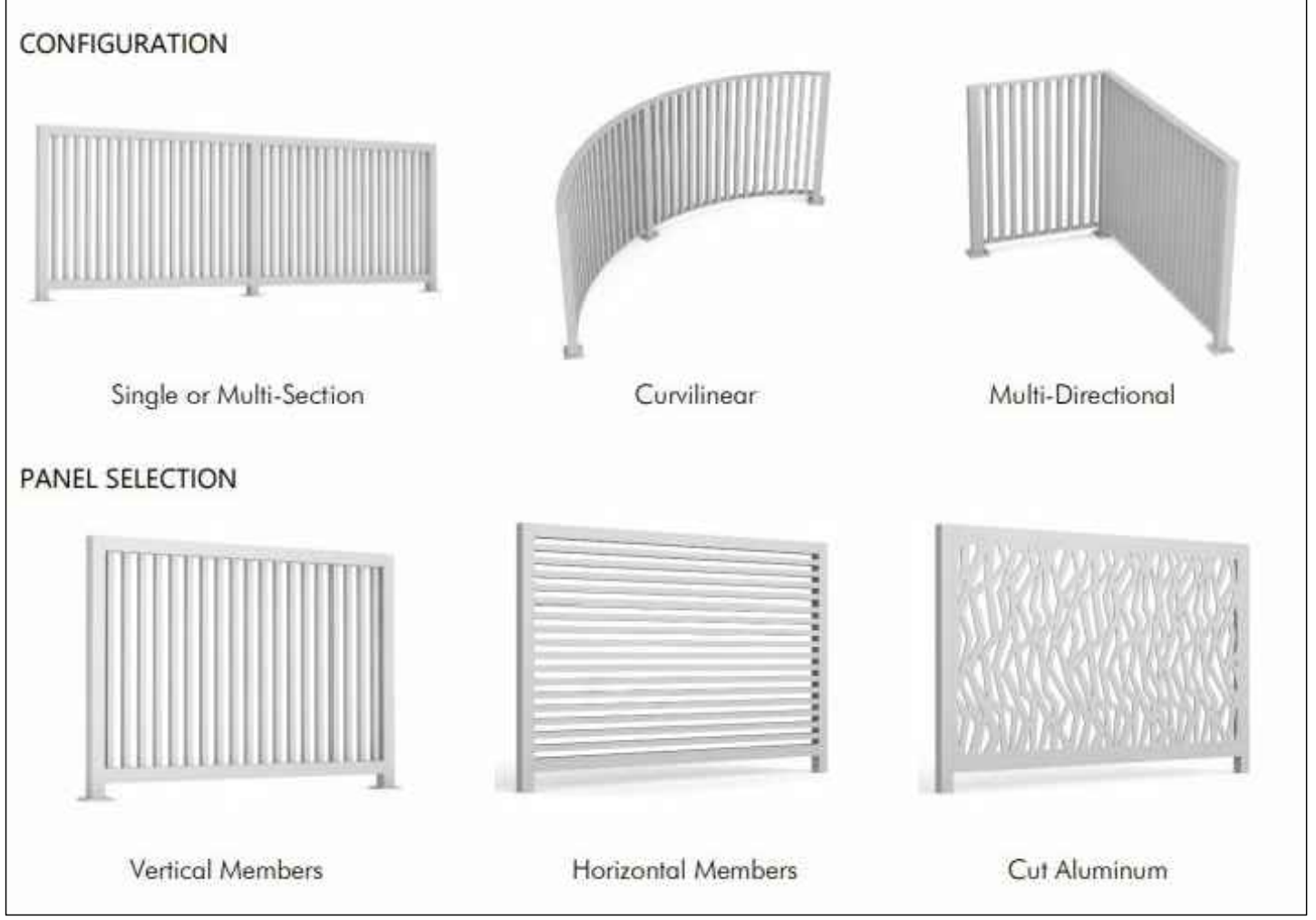
2 1.2M DECORATIVE METAL FENCE  
1:15



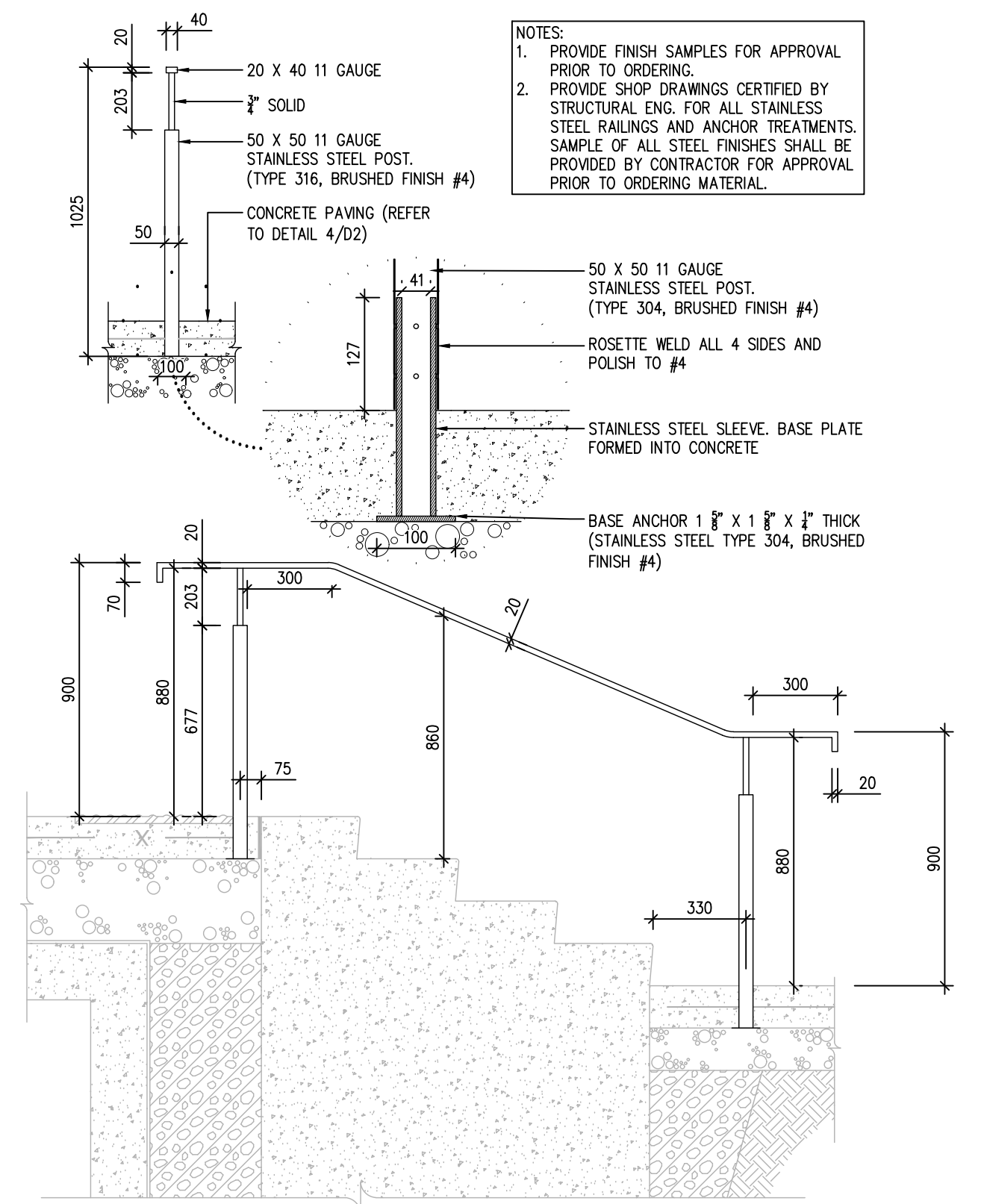
3 1.2M PRIVACY PANEL  
N.T.S

**POST SIZING**

	MURA 22	MURA 23	MURA 33	MURA 24	MURA 44	MURA 66
Aluminum Post (mm)	51 x 51	51 x 76	76 x 76	51 x 102	102 x 102	152 x 152
Aluminum Post (in)	2 x 2	2 x 3	3 x 3	2 x 4	4 x 4	6 x 6



4 1.8M PATIO DIVIDER  
N.T.S



5 TYP HANDRAIL  
1:20

**Equiparc**

**EP 5990 Bike rack**

**SPECIFICATIONS**  
Frame: Aluminum components  
Finish: Polyester powder coated  
Foot support (UG): Hot-dipped galvanized steel flat

**AVAILABLE**  
5990-AG Surface mount  
5990-UG Inground mount

Depth: 300mm (11 3/4") Length: 200mm (7 7/8") Height: 825mm (32 1/2") Weight: 20 kg (45 lb)

This bike rack must be anchored.  
Our warranty applies when our product is properly assembled and anchored.

**CONCRETE SLABS AND ANCHORS**  
7005 1 slab 610mm X 610mm X 152mm (24" X 24" X 6")  
7016 1 slab 610mm X 203mm (24" X 8")  
QS 4 stainless steel kwik bolts  
QAV 4 drop-in anchors with stainless steel theftproof bolts

www.equiparc.com  
1 800 363 0254  
1 800 346 2538

6 BIKE RACK  
N.T.S

**3637 SUNRISE TREE GRATE**

36" Round tree grate in two sections.  
1/2" Maximum slot opening for pedestrian safety and A.D.A. Compliance.  
Cast from 100% recycled Iron, Aluminum or Bronze for pedestrian loads only.  
Tree opening: 12", 20"  
Grates can be ordered with or later expanded to these openings, please specify when ordering.  
Finish: unfinished or Black dip or Enamel paint or Polyurethane Paint or Powder coat  
Specify finish and color

Use Frame model: 3601F  
Weight: Iron= 90 lb/ 41 Kg  
Aluminum=46 lb/21 Kg

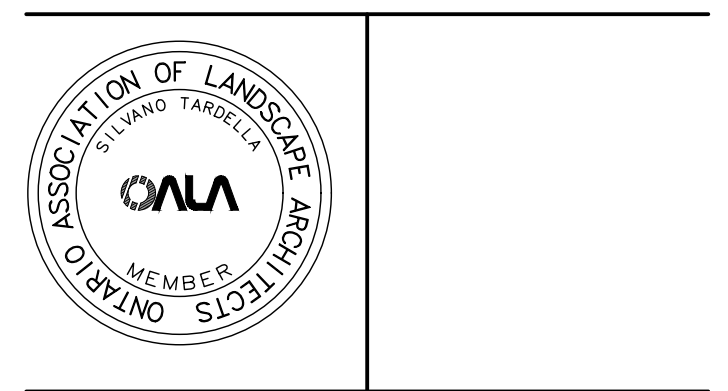
**IRONSMITH**  
41701 Coopers Way #3  
Palm Desert, CA 92260  
800.338.4768

7 TREE GRATE BY IRONSMITH INC.  
N.T.S

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Key Plan

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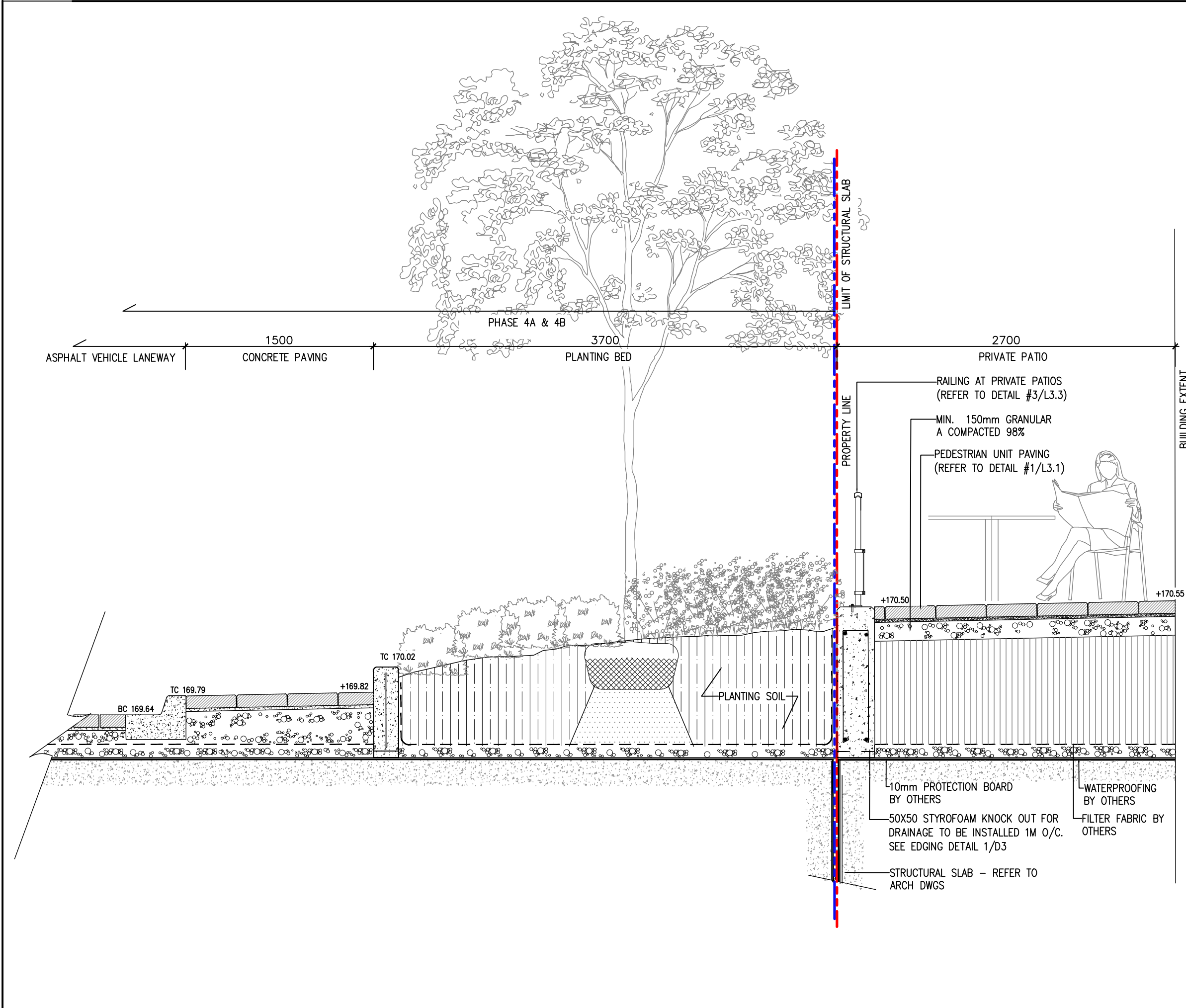
Title  
LANDSCAPE DETAILS

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Checked	pd	
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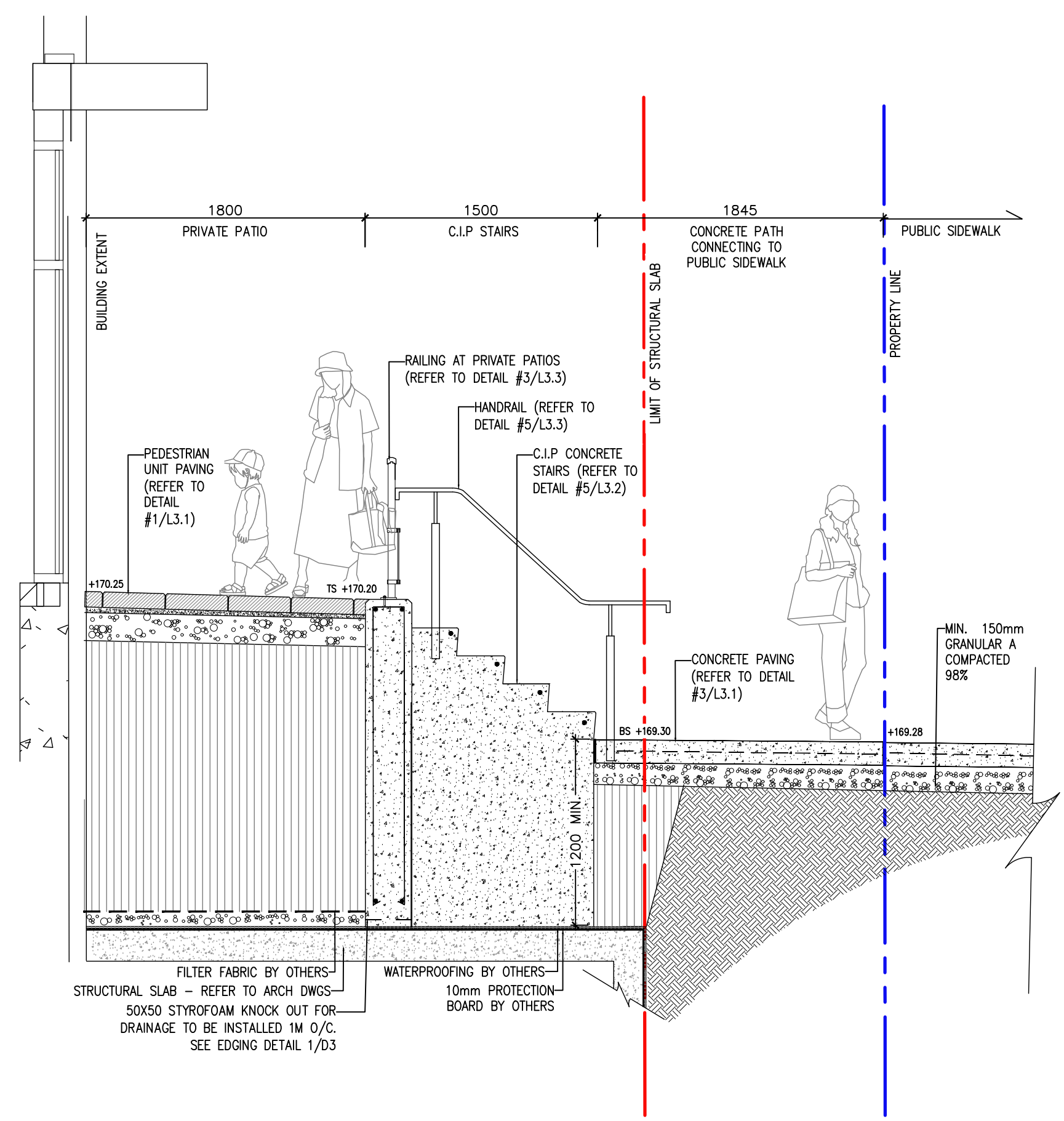


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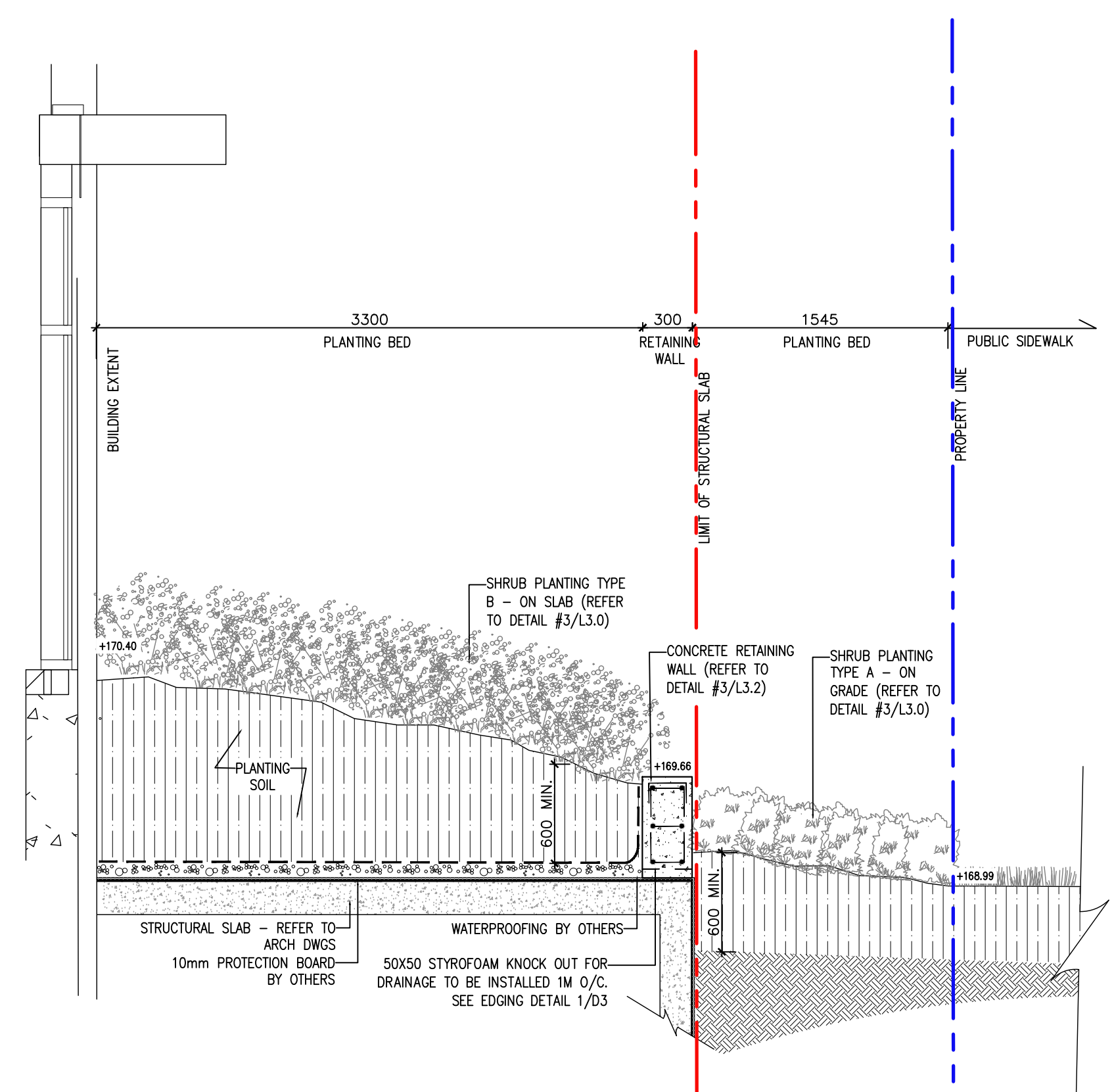
Key Plan



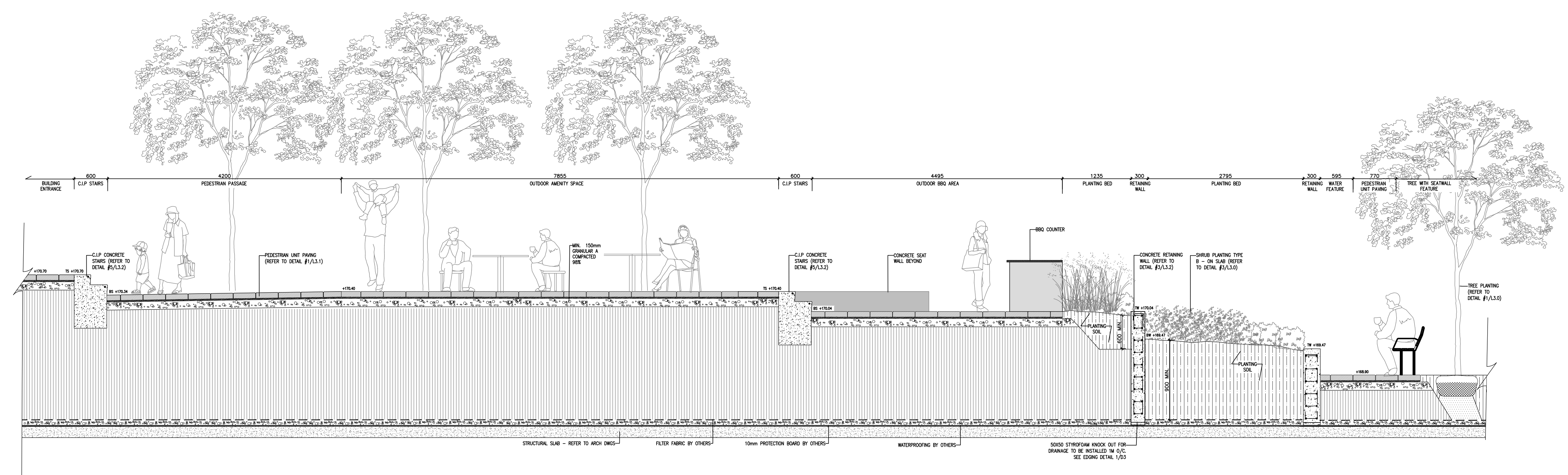
1 TYP. NORTH PRIVATE PATIO SECTION  
1:30



2 PRIVATE PATIO WITH STAIRS SECTION  
1:30

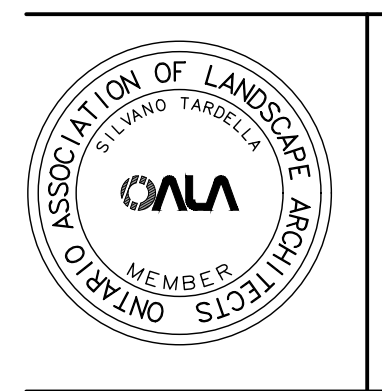


3 TYP. PLANTING SECTION ALONG TRAFALGAR  
1:30



4 PARK SECTION  
1:40

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Project

**Oakville - Phase 4C**  
Oakville, ON

Title

DETAILS

Date	June 07 2021	Sheet
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Drawn	tfg	
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