

- LEGEND**
- PHASE 2 LIMIT OF LANDSCAPE WORKS
 - [Pattern] UNIT PAVING
 - [Pattern] CONCRETE PAVING
EJ=EXPANSION JOINT
CJ=CONTROL JOINT
 - [Pattern] PRE-CAST CONCRETE WALL
 - [Pattern] CAST IN PLACE CONCRETE WALL
 - [Symbol] EXISTING TREE TO BE RETAINED
 - [Symbol] TREE PROTECTION FENCE
 - [Symbol] TREE PLANTING
 - [Symbol] SHRUB PLANTING
 - [Symbol] TOPSOIL AND SEED / SOD
- LIGHTING LEGEND**
- [Symbol] TALL BOLLARD LIGHTS (3m HEIGHT)
 - [Symbol] UPLIGHTS FOR TREES
 - [Symbol] LED TAPE LIGHTS
 - [Symbol] RECESSED LIGHTING (BELOW TRELLIS)
 - [Symbol] ELECTRICAL OUTLETS WITH USB

2	18-01-2023	RE-ISSUED FOR SPA
1	24.06.2022	ISSUED FOR SPA
no.	date	revision

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Landscape Architecture
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CSW

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

Hobin Architecture Incorporated

63 Pamela Street
Ottawa, Ontario
Canada K1S 3K7
T: 613-238-7200
F: 613-235-2005
E: mail@hobinarc.com
hobinarc.com

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ARCHITECTURE

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	REMARKS
LARGE DECIDUOUS TREES					
AF	ACER FREEMANII 'AUTUMN FANTASY'	AUTUMN FANTASY MAPLE	70mm CAL.	3	B&B/W.B.
GT	GLEDITSIA TRIACANTHOS 'SHADEMASTER'	SHADE MASTER HONEY LOCUST	70mm CAL.	3	B&B/W.B.
GD	GYMNOCLADUS DIOICUS	KENTUCKY COFFEE TREE	70mm CAL.	2	B&B/W.B.
SMALL DECIDUOUS TREES					
AG	AMALANCHIER GRANDIFLORA 'ROBIN HILL'	SERVICEBERRY	50mm CAL.	11	B&B/W.B.
BP	BETULA PAPHYRIFERA	SILVER BIRCH	50mm CAL.	11	B&B/W.B. MULTI-STEM
MP	MALUS 'PRAIRIE FIRE'	PRAIRIE FIRE CRABAPPLE	40mm CAL.	13	CONTAINER
CONIFEROUS TREES					
PG	PICEA GLAUCA	WHITE SPRUCE	1.8m HT.	1	B&B/W.B.
PP	PICEA PUNGENS	COLORADO SPRUCE	1.8m HT.	5	B&B/W.B.
PS	PINUS STROBUS	EASTERN WHITE PINE	1.8m HT.	2	B&B/W.B.

project
BROOKFIELD RESIDENCE
APARTMENT BUILDING
770 BROOKFIELD ROAD, OTTAWA

drawing title
PHASE 2
LANDSCAPE LAYOUT

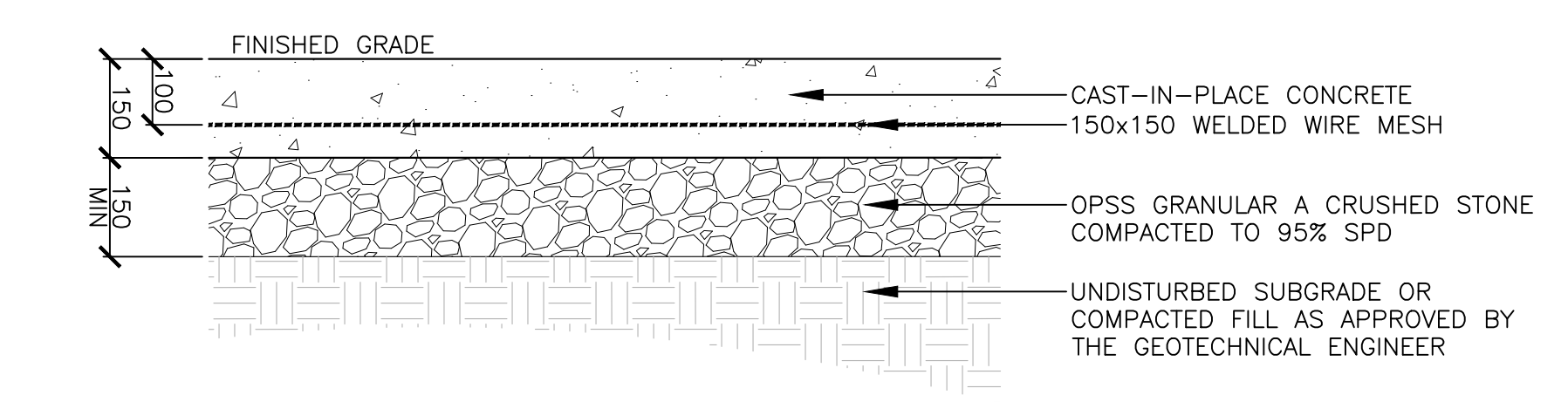
drawn	date	scale
SE	JUNE 2022	1:250

project
1964-02

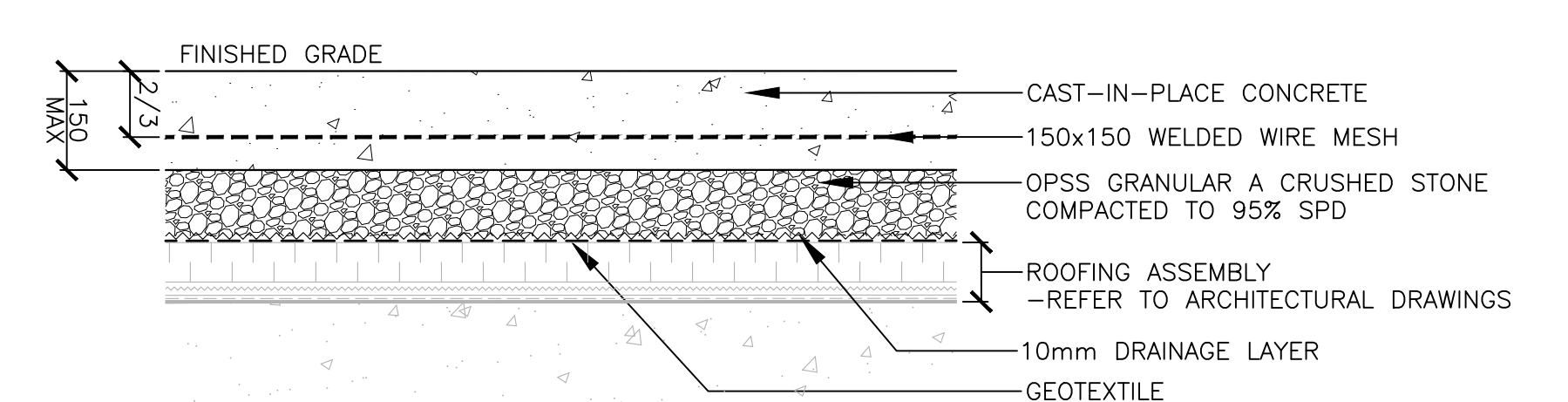
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L1.0



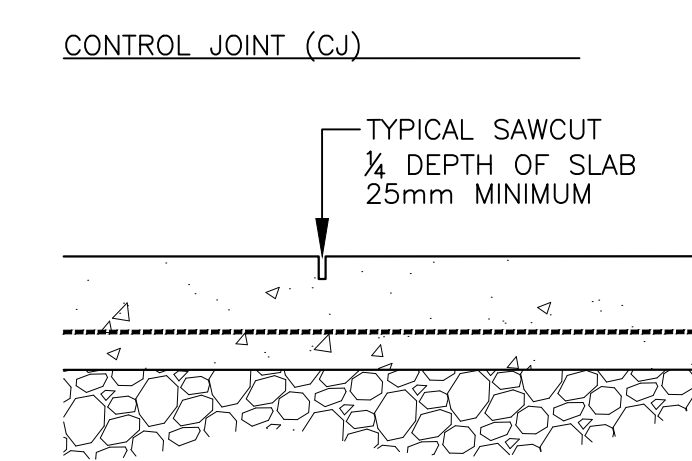
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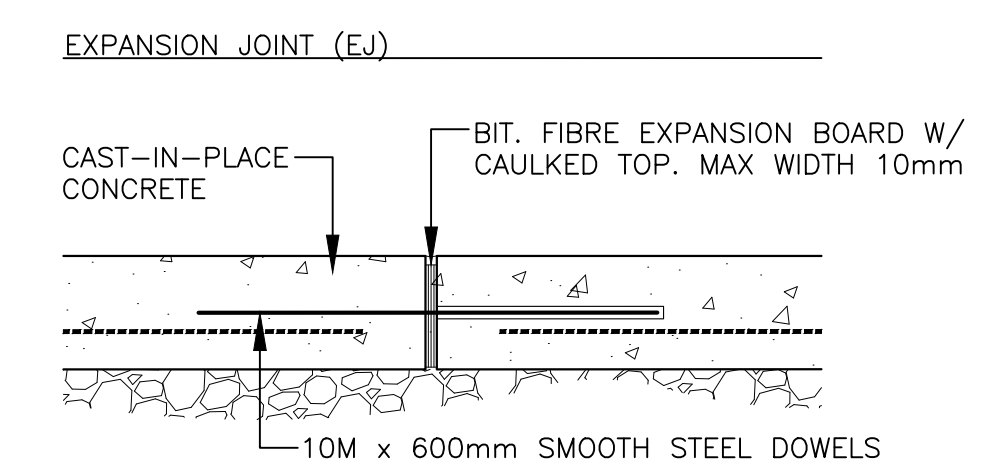
1 CONCRETE PAVING Scale: 1:10



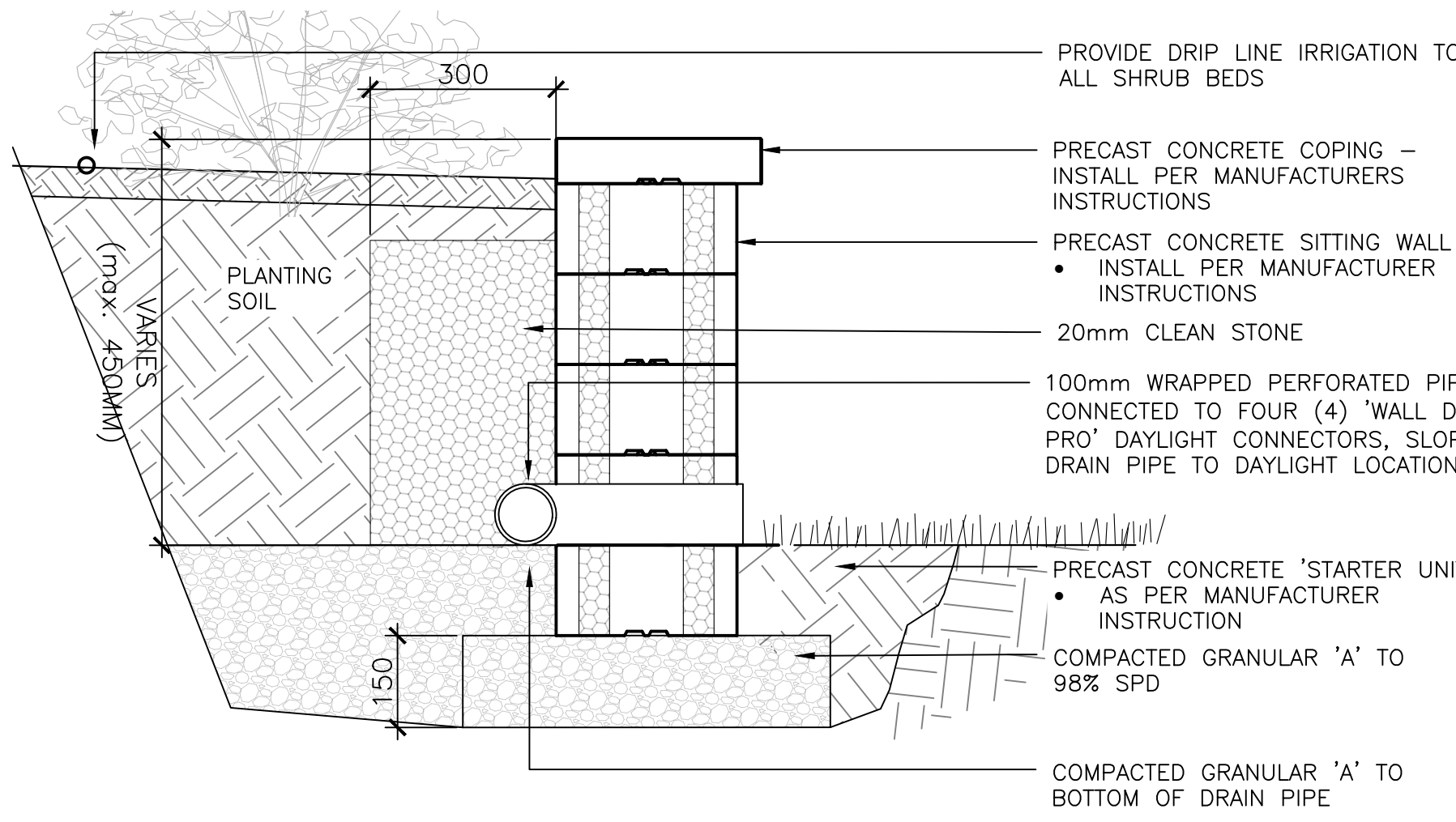
2 CONCRETE PAVING OVER ROOF DECK Scale: 1:10



CONTROL JOINT (CJ) NOTES:
1. REFER TO DRAWINGS FOR JOINT LAYOUT
2. SAWCUT WITHIN 48 HOURS OF POUR
3. NO TOOLED EDGES



EXPANSION JOINT (EJ) NOTES:
1. REFER TO DRAWINGS FOR JOINT LAYOUT
2. ALL STEEL DOWELS TO BE EPOXY - COATED
3. NO TOOLED EDGES



6 PRECAST CONCRETE WALL Scale: 1:10

PROVIDE DRIP LINE IRRIGATION TO ALL SHRUB BEDS

PRECAST CONCRETE COPING - INSTALL PER MANUFACTURER'S INSTRUCTIONS

PRECAST CONCRETE SITTING WALL - INSTALL PER MANUFACTURER'S INSTRUCTIONS

20mm CLEAN STONE

100mm WRAPPED PERFORATED PIPE, CONNECTED TO FOUR (4) 'WALL DRAIN PRO' DAYLIGHT CONNECTORS, SLOPE DRAIN PIPE TO DAYLIGHT LOCATIONS

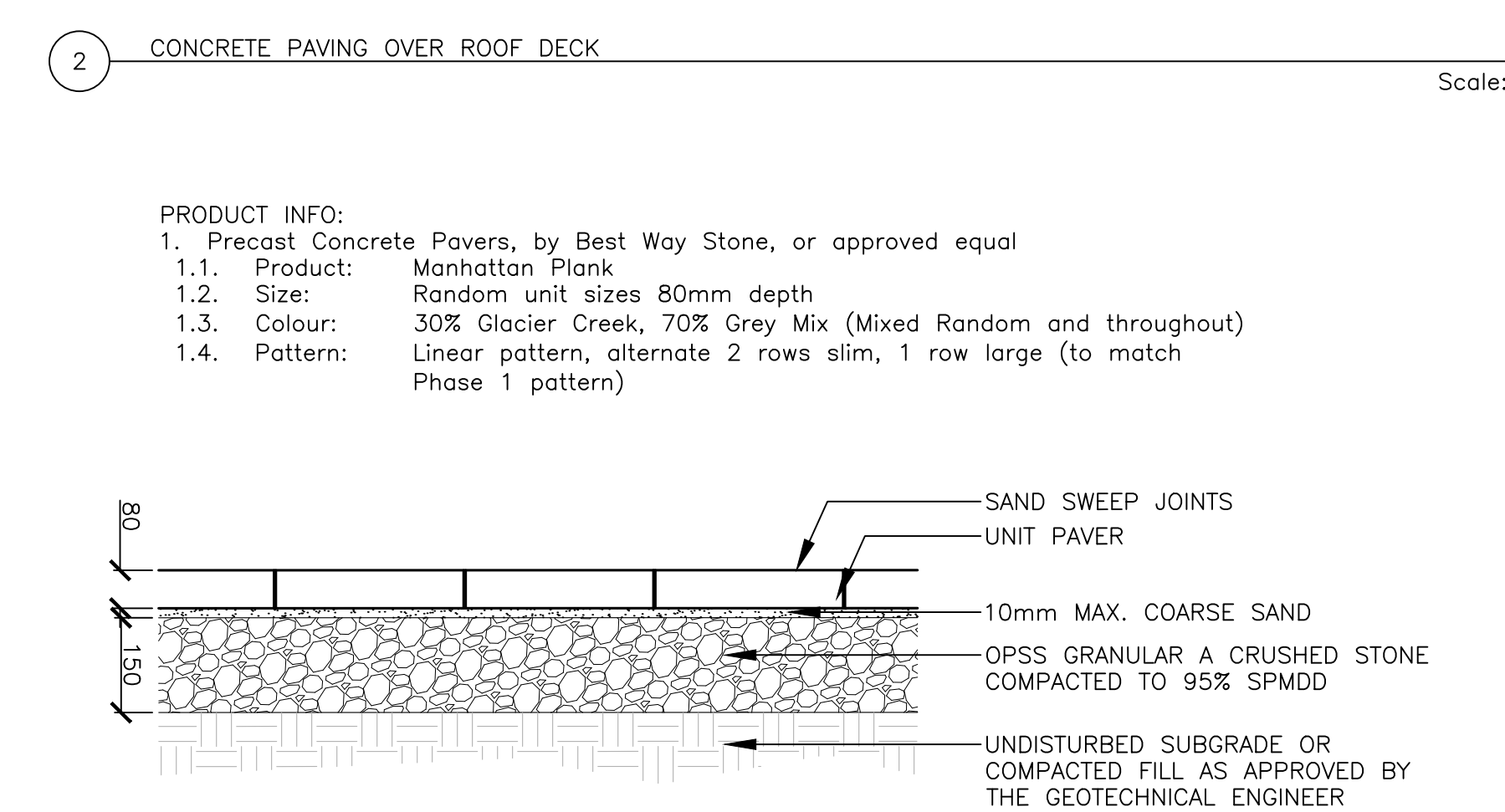
PRECAST CONCRETE 'STARTER UNIT' - AS PER MANUFACTURER INSTRUCTION

COMPACTED GRANULAR 'A' TO 98% SPD

COMPACTED GRANULAR 'A' TO BOTTOM OF DRAIN PIPE

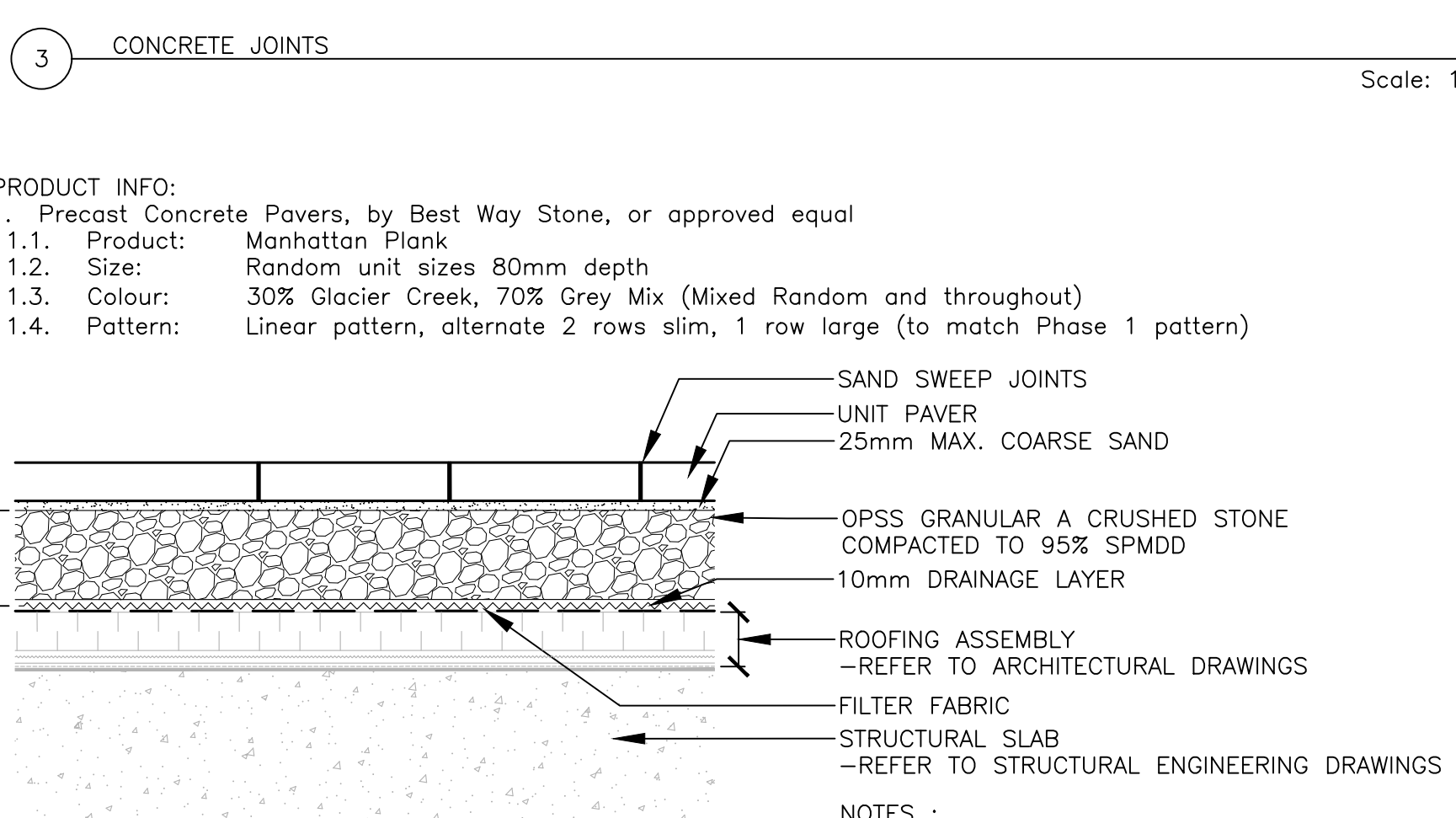
NOTES:
• ALL VERTICAL WALL JOINTS TO BE STAGGERED
• ALL CORNERS TO BE OVERLAPPED (NO MITRE CUTS)
• SECURE ALL WALL UNITS WITH MASONRY ADHESIVE

PRODUCT INFO:
1. Precast Walls, by Oaks Landscape Products, or approved equal
1.1. Product: Nueva - 150 Wall units
1.2. Size: Width of wall shall be 300mm
1.3. Colour: Greyfield
2. Precast Coping, by Oaks Landscape Products, or approved equal
2.1. Product: Nueva Coping Unit
2.2. Size: 600 x 75 x 340
2.3. Colour: Marble Grey
3. Wall Drain Pro Drainage pipe, by Great North Hardscape, or approved equal
3.1. Product: Wall Drain Pro
3.2. Size: 150mm height x 45mm width
3.3. Colour: Grey



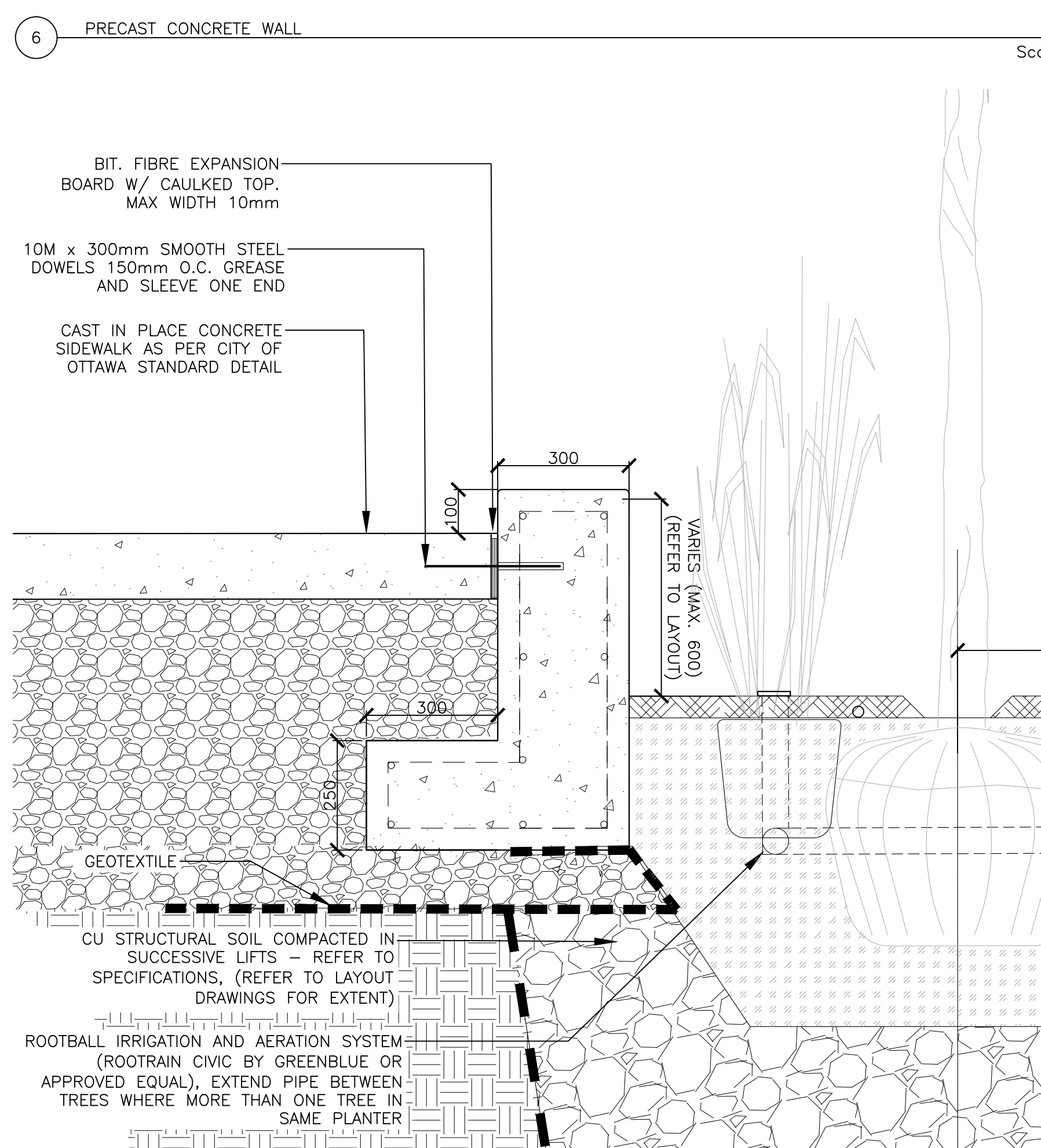
4 UNIT PAVING Scale: 1:10

PRODUCT INFO:
1. Precast Concrete Pavers, by Best Way Stone, or approved equal
1.1. Product: Manhattan Plank
1.2. Size: Random unit sizes 80mm depth
1.3. Colour: 30% Glacier Creek, 70% Grey Mix (Mixed Random and throughout)
1.4. Pattern: Linear pattern, alternate 2 rows slim, 1 row large (to match Phase 1 pattern)



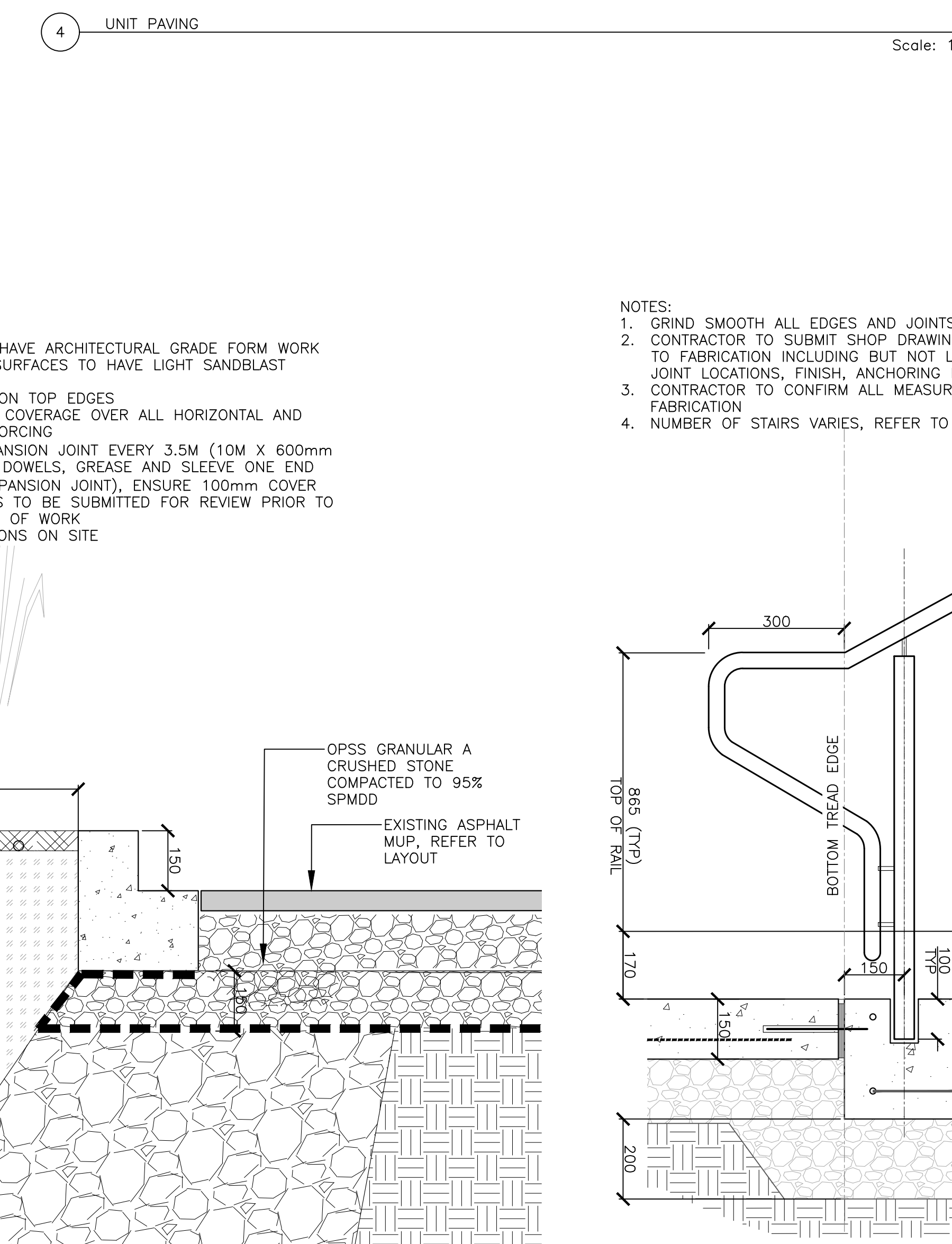
5 UNIT PAVING OVER ROOF DECK Scale: 1:10

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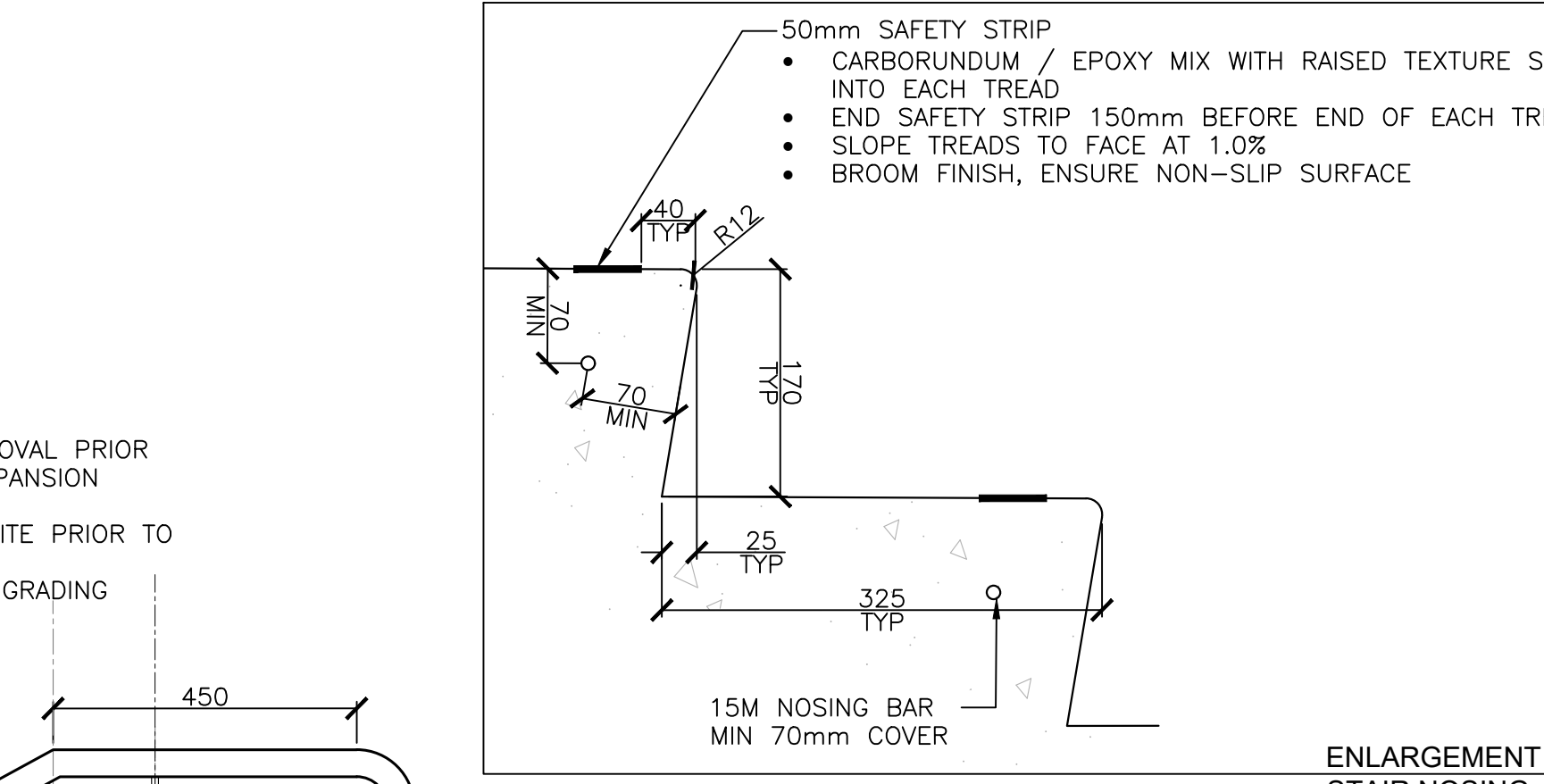
7 C.I.P. CONCRETE PLANTER WALL (AT BROOKFIELD ROAD) Scale: 1:10

NOTES:
1. ALL WALLS TO HAVE ARCHITECTURAL GRADE FORM WORK
2. ALL EXPOSED SURFACES TO HAVE LIGHT SANDBLAST FINISH
3. 10mm RADIUS ON TOP EDGES
4. ENSURE 75mm COVERAGE OVER ALL HORIZONTAL AND VERTICAL REINFORCING
5. BIT. FIBRE EXPANSION JOINT EVERY 3.5M (10M X 600mm SMOOTH STEEL DOWELS, GREASE AND SLEEVE ONE END (6 AT EACH EXPANSION JOINT). ENSURE 100mm COVER
6. SHOP DRAWINGS TO BE SUBMITTED FOR REVIEW PRIOR TO COMMENCEMENT OF WORK
7. VERIFY DIMENSIONS ON SITE



8 C.I.P. CONCRETE STEPS Scale: 1:10

NOTES:
1. GRIND SMOOTH ALL EDGES AND JOINTS
2. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION INCLUDING BUT NOT LIMITED TO EXPANSION JOINT LOCATIONS, FINISH, ANCHORING ETC.
3. CONTRACTOR TO CONFIRM ALL MEASUREMENTS ON SITE PRIOR TO FABRICATION
4. NUMBER OF STAIRS VARIES, REFER TO LAYOUT AND GRADING



ENLARGEMENT - STAIR NOSING

50mm SAFETY STRIP
• CARBORUNDUM / EPOXY MIX WITH RAISED TEXTURE SET INTO EACH TREAD
• END SAFETY STRIP 150mm BEFORE END OF EACH TREAD
• SLOPE TREADS TO FACE AT 1.0%
• BROOM FINISH, ENSURE NON-SLIP SURFACE

15M NOSING BAR
MIN 70mm COVER

HANDRAIL REFER TO DETAIL 8/12.2

316 SAE, MARINE GRADE STAINLESS STEEL POSTS
• 50mm OUTSIDE DIA.
• BRUSHED FINISH

EXPANSION JOINT
• SMOOTH STEEL DOWEL INTO EXISTING CONCRETE

TACTILE WALKING SURFACE INDICATOR (TWSI) AS PER CITY OF OTTAWA STANDARD DETAILS

SECURE POSTS WITH NON-SHRINK GROUT IN CORED HOLE(TYP)

GRANULAR 'A' COMPACTED TO 98% SPMD

COMPACTED FILL OR UNDISTURBED SUBGRADE AS APPROVED BY GEOTECHNICAL ENGINEER

CONTINUOUS 15M REBAR
300mm O.C EACH WAY
• MAINTAIN MIN 70mm COVER

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

Hobin Architecture
Incorporated

63 Pamela Street
Ottawa, Ontario
Canada K1S 3K7
T: 613-238-7200
F: 613-235-2005
E: email@hobinarc.com
hobinarc.com

HOBIN
ARCHITECTURE

project
BROOKFIELD RESIDENCE
APARTMENT BUILDING
770 BROOKFIELD ROAD, OTTAWA

drawing title
PHASE 2
LANDSCAPE DETAILS

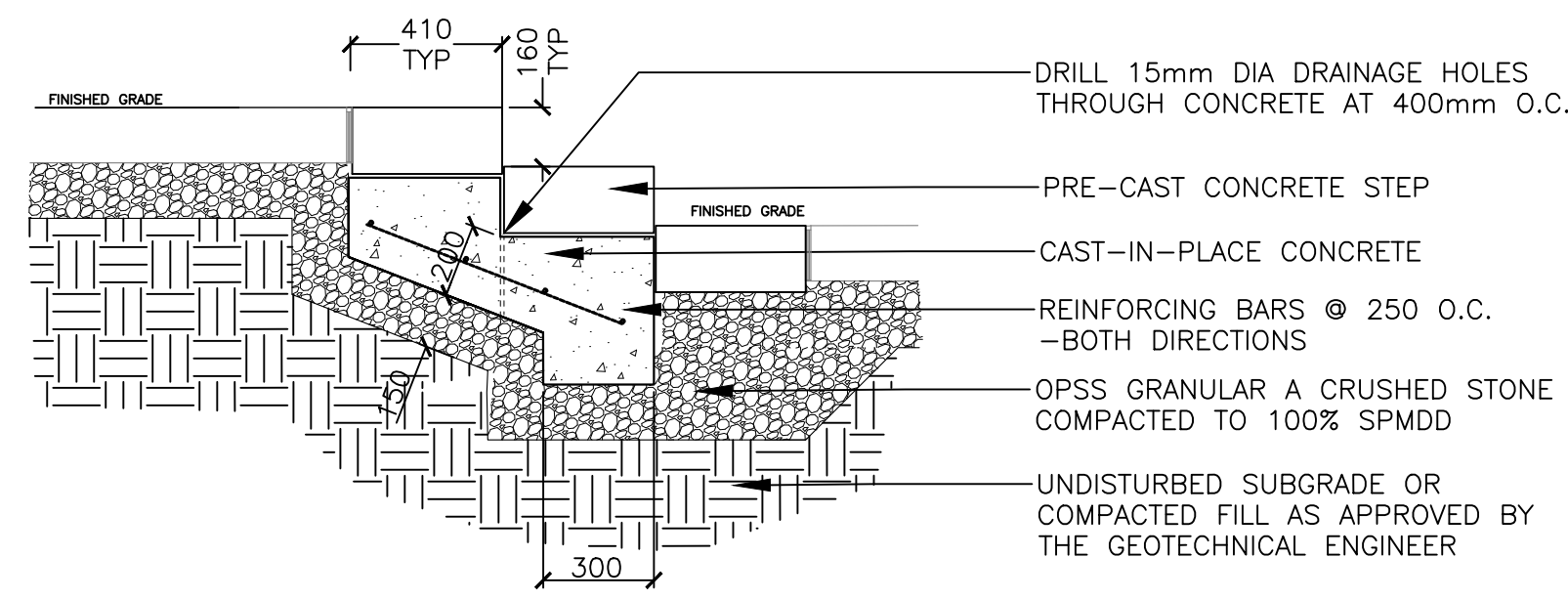
drawn	date	scale
SE	JUNE 2022	AS SHOWN

project	drawing no.
1964-02	

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MEMBER
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L2.0

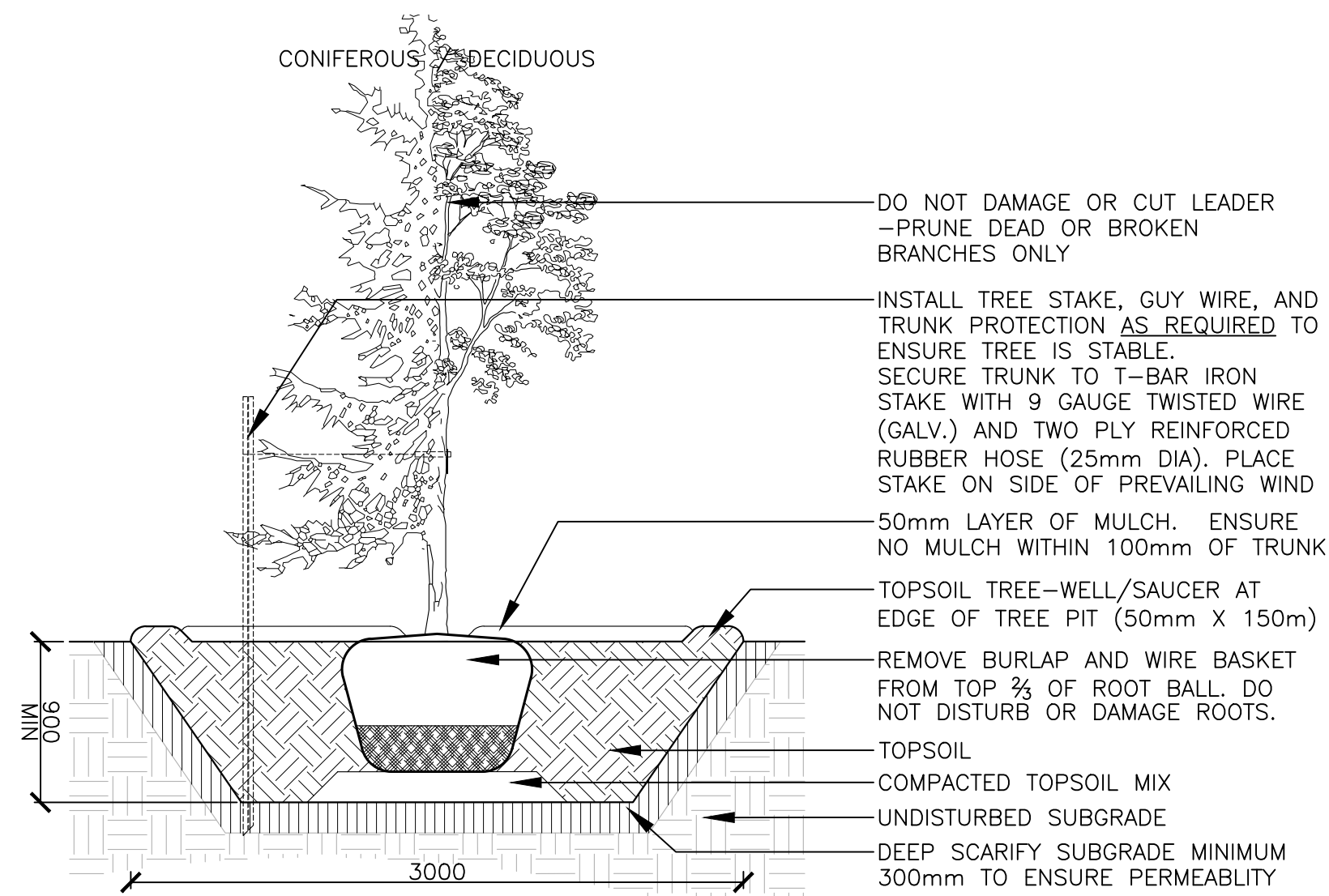
D07-12-22-0109



NOTES:
 -GRANULAR BASE TO BE INSPECTED AND APPROVED BY GEOTECHNICAL ENG.
 -ALL REINFORCING IN STAIRS TO BE 15M EPOXY-COATED
 -MAINTAIN 70mm COVER OVER REINFORCING IN CONCRETE
 -SECURE STEPS TO CONCRETE SLAB WITH MASONRY ADHESIVE

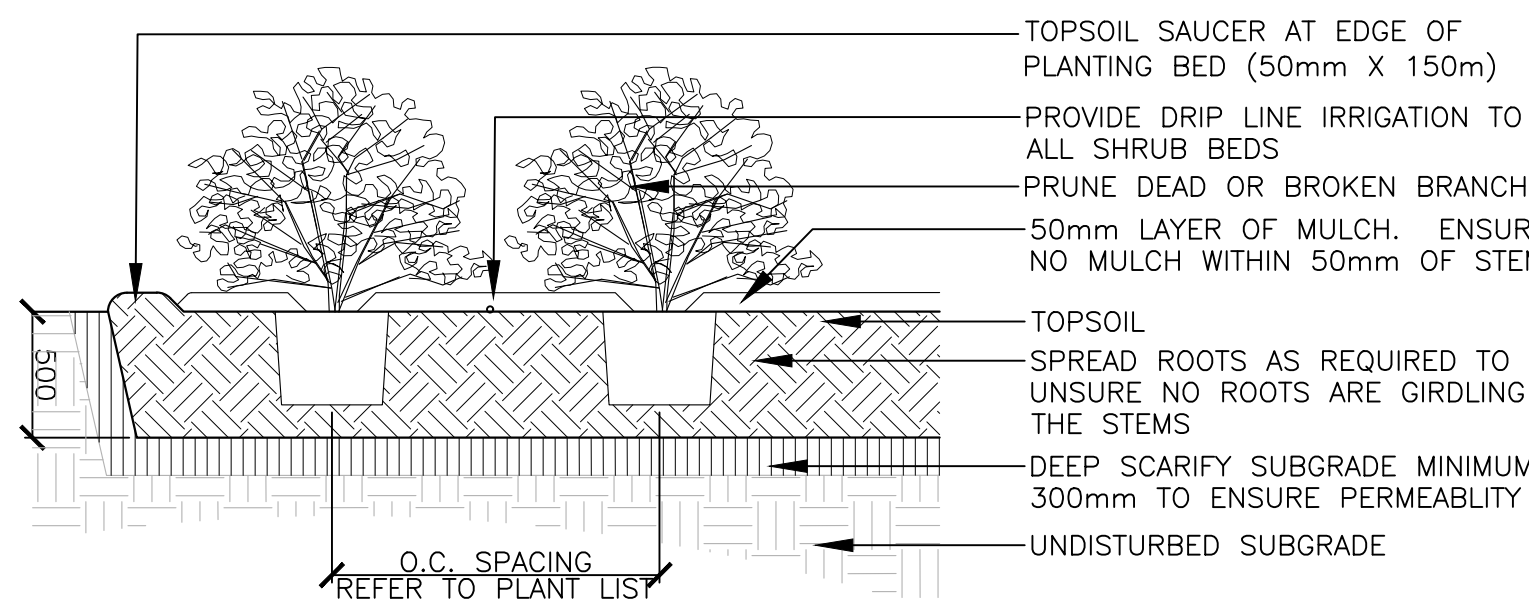
PRODUCT INFO:
 1. Precast Concrete Steps, by Permacon, or approved equal
 1.1. Product: Mega Melville Step
 1.2. Size: 180mm x 406mm x 1219mm
 1.3. Colour: Shaded Grey

1 PRECAST CONCRETE STEPS Scale: 1:10



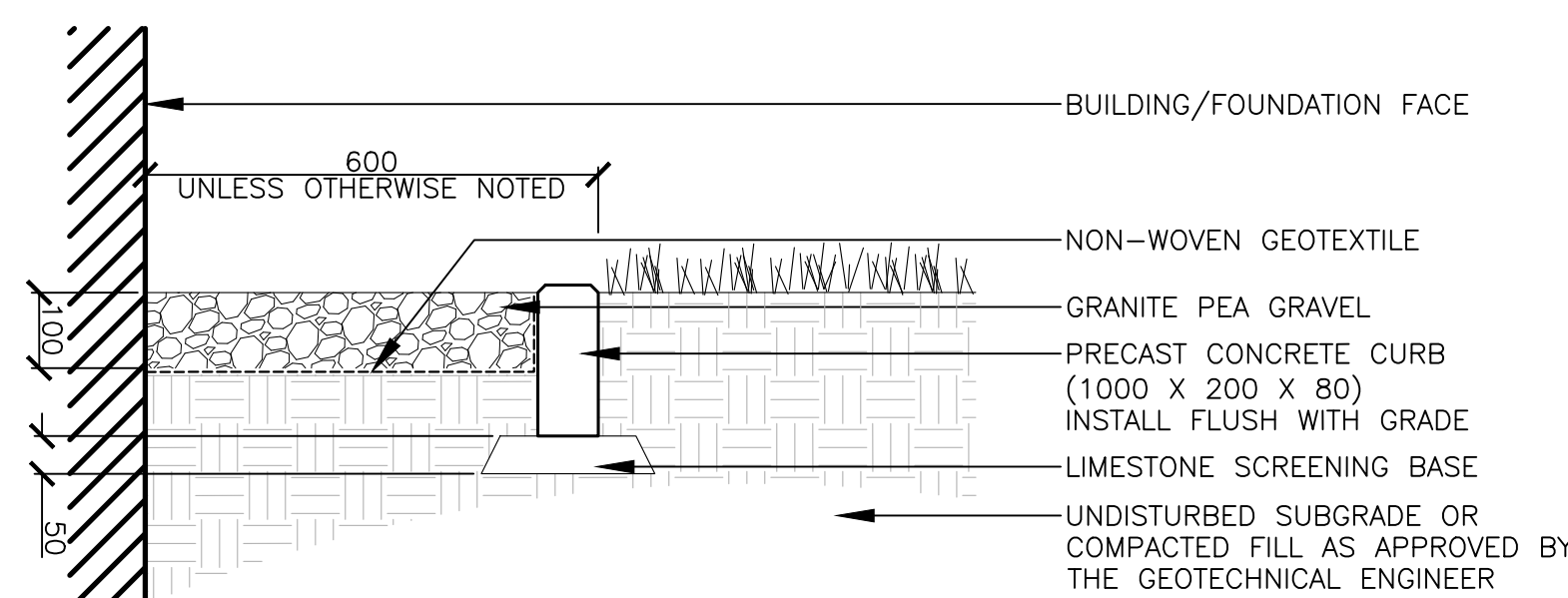
NOTES:
 • TREE STAKES ARE GENERALLY ARE TO BE USED FOR CONDITIONS WHERE THE INSTALLED TREE IS UNSTABLE AND/OR BECOMES UNSTABLE
 • ALLOW 10mm TO 25mm SLACK ON GUY WIRE SUPPORT FOR TREE
 • TOP OF ROOT BALL TO RETAIN SAME ELEVATION AS GROWING CONDITIONS
 • REMOVE STAKES ONE YEAR AFTER INSTALL
 • INSTALL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

2 TREE PLANTING Scale: 1:30

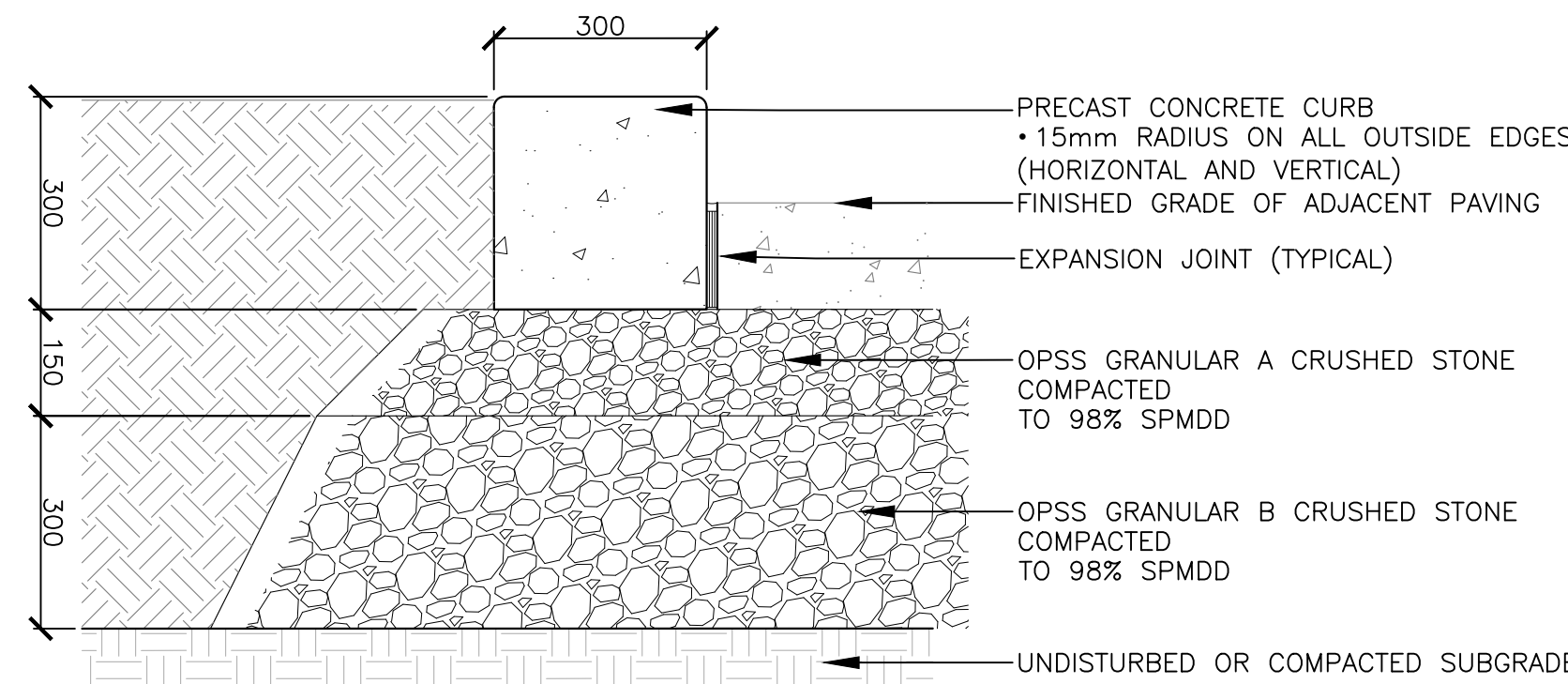


NOTES:
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3 SHRUB PLANTING Scale: 1:30

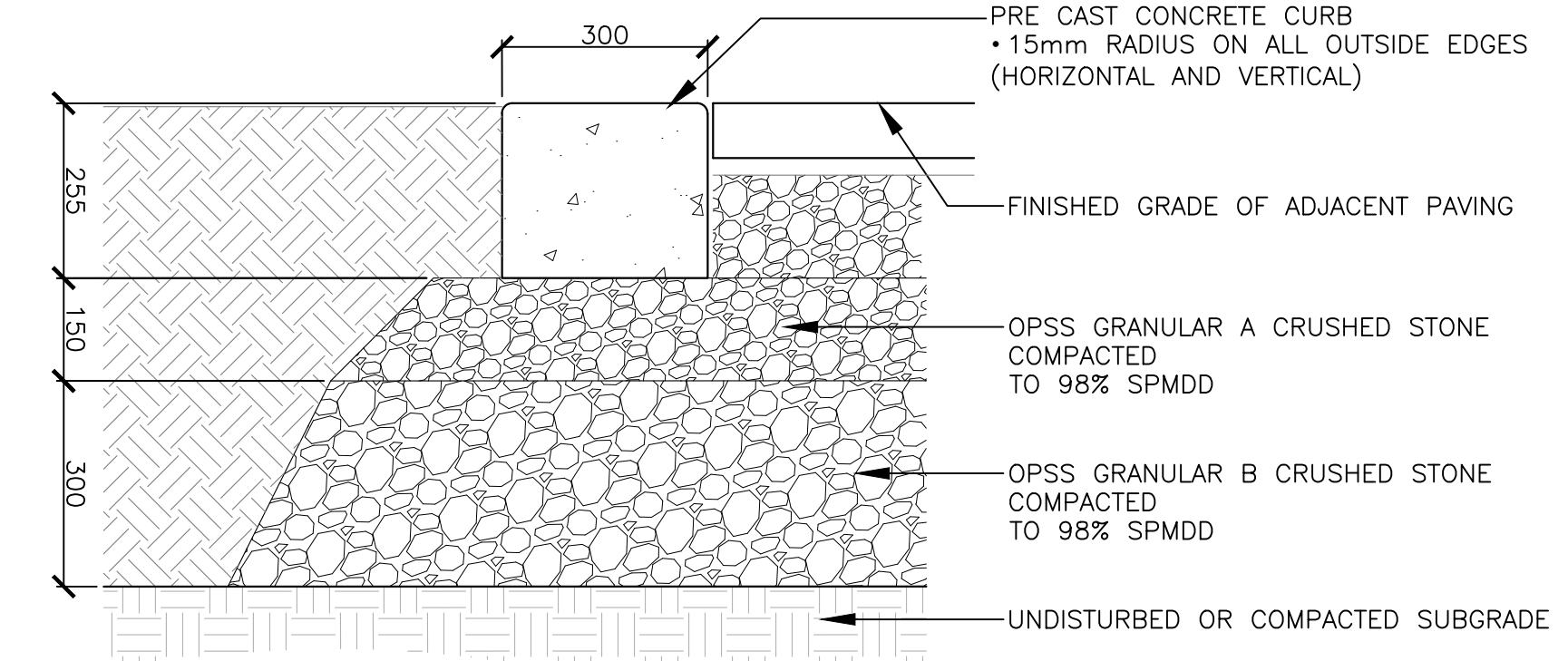


4 MAINTENANCE EDGE Scale: 1:10



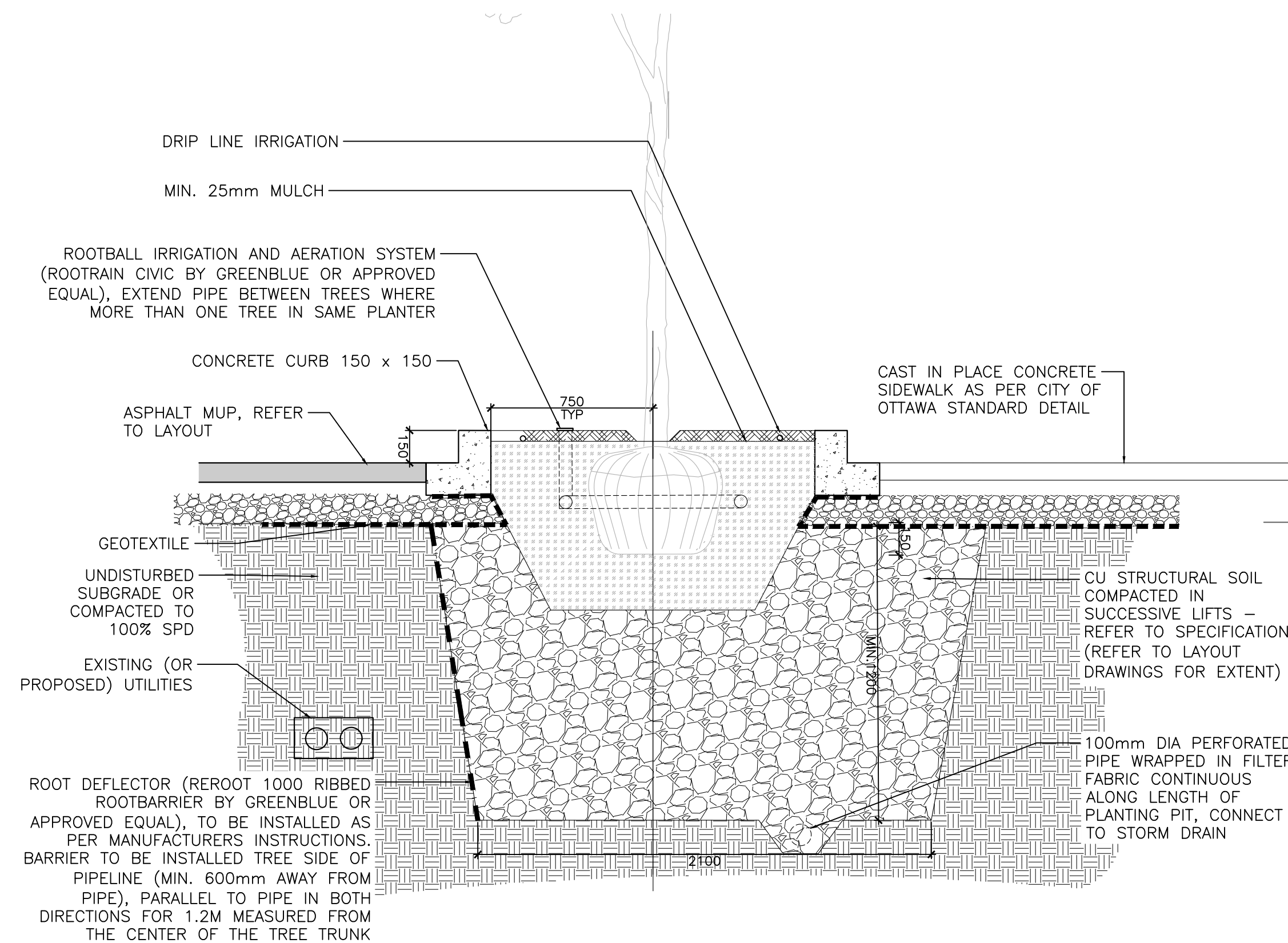
NOTES:
 • EXCAVATION AND SUBGRADE CONDITION TO BE REVIEWED BY GEOTECHNICAL ENGINEER

5 LANDSCAPE CURB Scale: 1:30

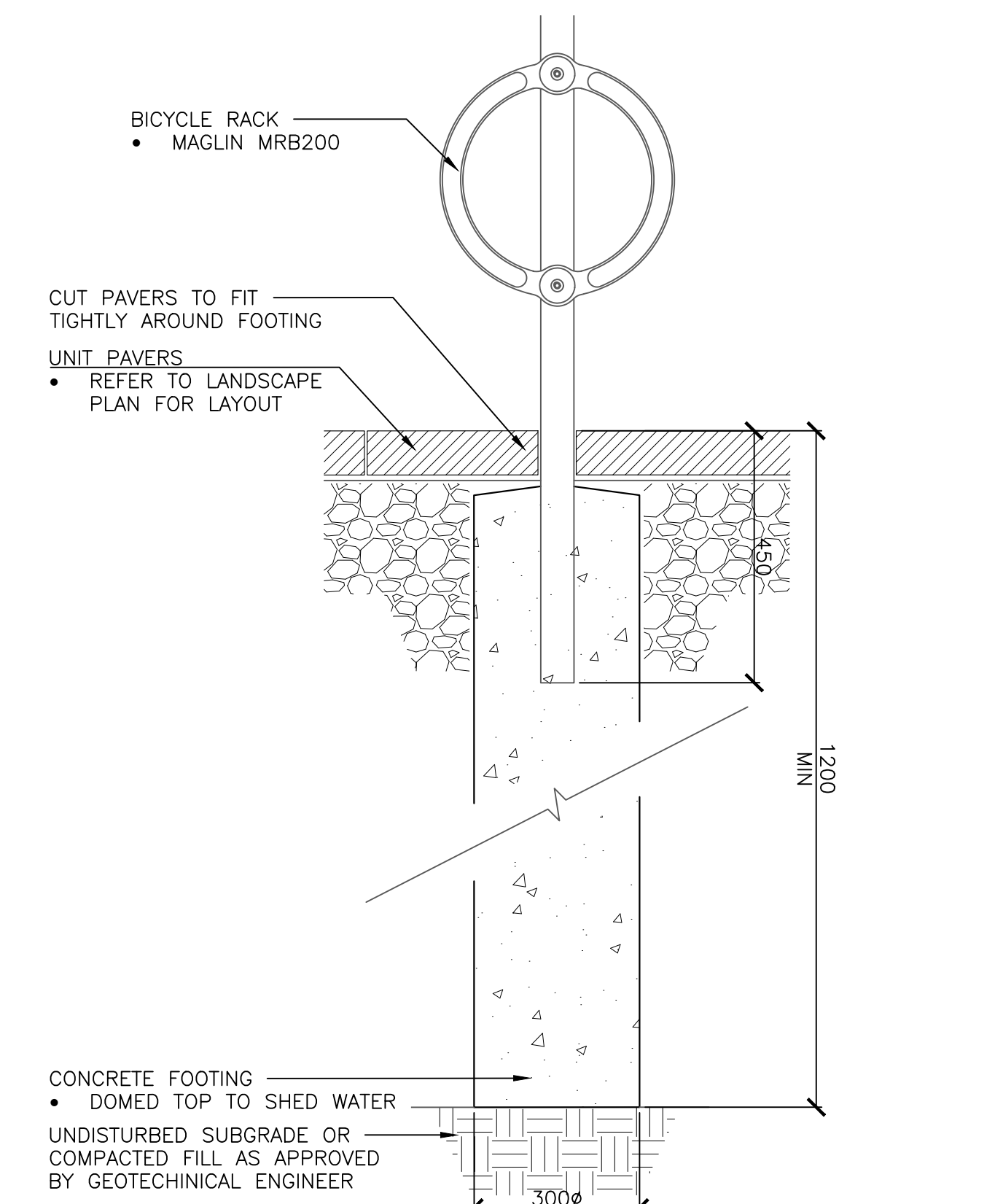


NOTES:
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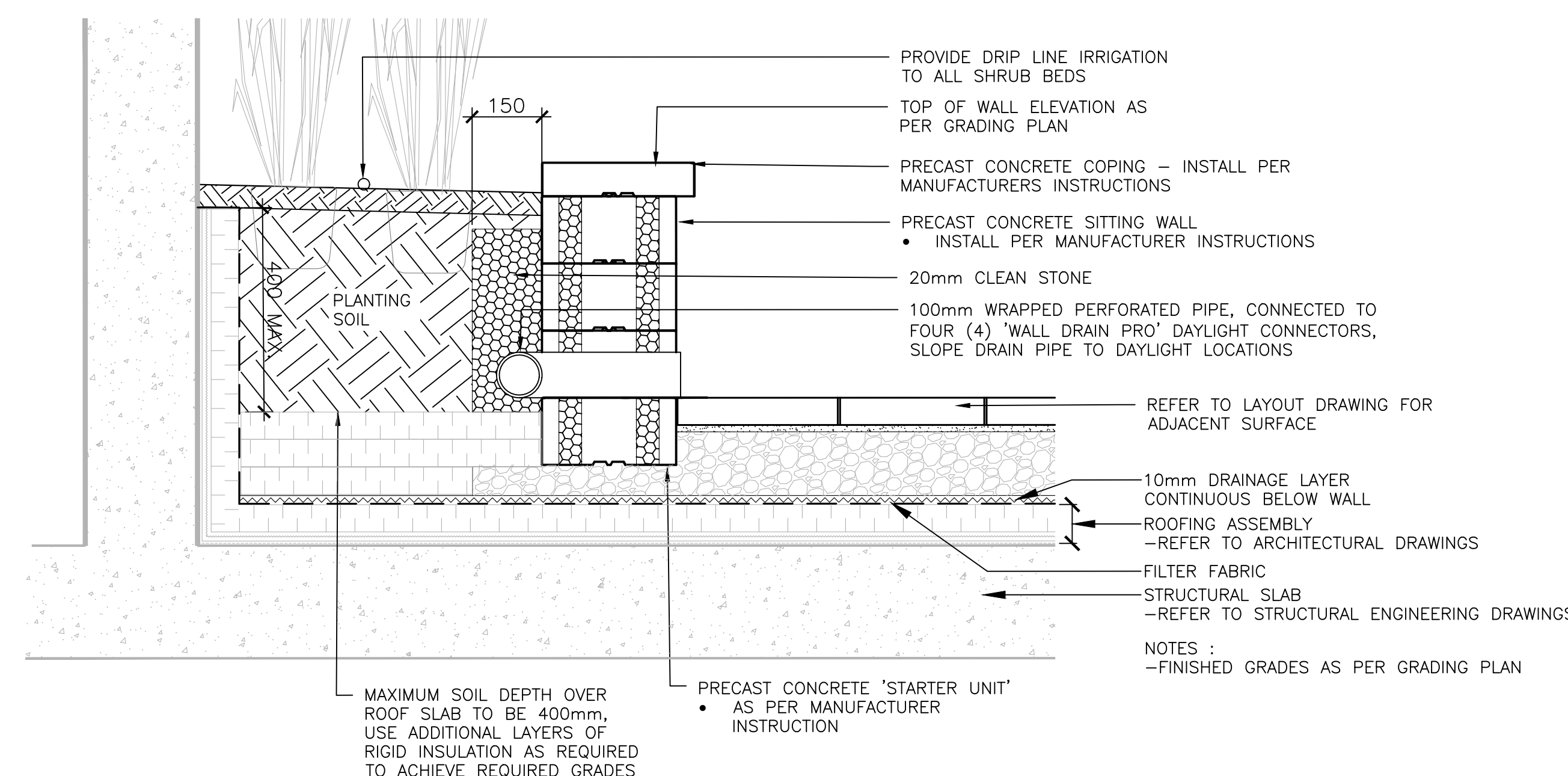
6 FLUSH LANDSCAPE CURB Scale: 1:30



7 TREE PLANTING IN STRUCTURAL SOIL Scale: 1:20



8 BICYCLE RING Scale: 1:10



9 PRE-CAST CONCRETE PLANTER WALL Scale: 1:10

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