

# STREET TREE SET

**PROJECT:** BRIDGEFIELD-STAGE 8

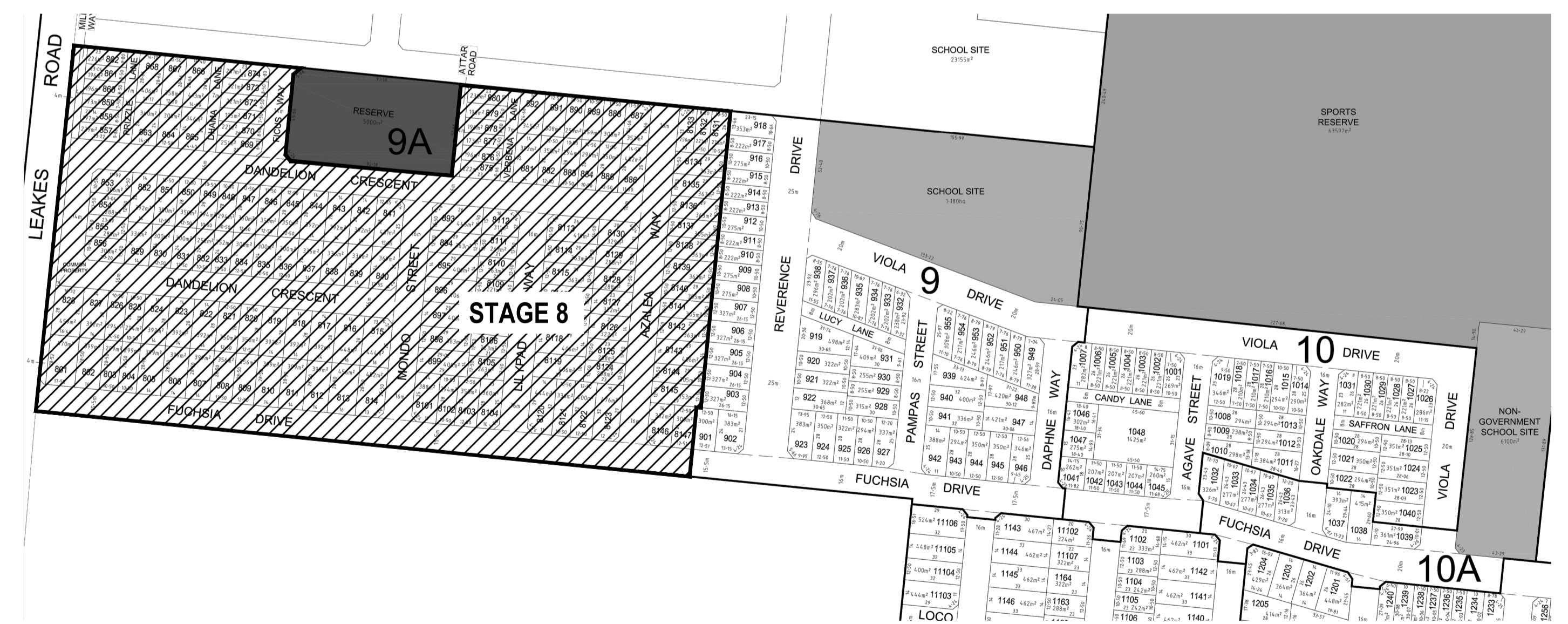
**CLIENT:** GOLDFIELDS

**ISSUE:** I

**DRAWING SCHEDULE:**

DRAWING NO.	DRAWING TITLE	ISSUE
SST00	COVER PAGE	I
SST01	STREET TREE PLAN 01	I
SST02	STREET TREE PLAN 02	I
SST03	LANDSCAPE DETAILS 01	I
SST04	LANDSCAPE DETAILS 02	I

CITY OF MELTON  
ENGINEERING PLANS  
(LANDSCAPE)  
**APPROVED**  
10 Sep 2020  
CITY DESIGN DATE



**OVERALL PLAN**  
NOT TO SCALE

**APPROVED:**  
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**DATE:**  
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**DRAWING NOTES:**

ISSUE	DATE	DESCRIPTION	INITIALS
F	12.05.20	UPDATED ELECTRICAL	MS
G	23.06.20	FOR APPROVAL	NL
H	21.07.20	FOR APPROVAL	NL
I	08.09.20	FOR APPROVAL 3	MS

**PROJECT:**  
BRIDGEFIELD-STAGE 8

**DRAWING NO.:**  
SST00

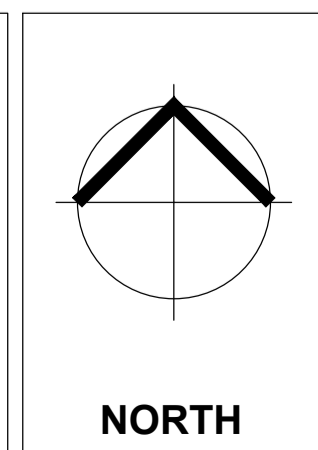
**SCALE:**  
NTS

**DRAWING TITLE:**  
COVER PAGE

**ISSUE:**  
I

**DRAWN BY:** DF      **CHECKED BY:** MS

**CLIENT:**  
GOLDFIELDS  
BUILDING 5, 658 CHURCH ST  
RICHMOND VIC 3121



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CREMORNE VIC 3121  
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**LEGEND**

- GRASS SEEDING  
APPROX. 4,190 m<sup>2</sup>  
AS PER NATURE STRIP GRASSING MIX  
- REFER TO BELOW NOTES
- INSTANT TURF  
APPROX. 3,908 m<sup>2</sup>
- GARDEN BED WITH LOW NATIVE GRASSES: APPROX 125 m<sup>2</sup>  
-REFER TO PLANTING SCHEDULE
- STAGE BOUNDARY
- TIMBER BOLLARDS  
APPROX. 51 IN TOTAL  
- REFER TO COUNCIL DETAIL ON SST04
- DRYSTONE WALL TO BE RETAINED 436.00 M  
REFER DETAILS AND NOTES
- RECONSTRUCT 2M AT ALL WALL ENDS AND OPENINGS  
REFER DETAILS AND NOTES
- PASSIVE TREE IRRIGATION SYSTEM  
TOTAL: 172

**NOTES:**

1. NATURE STRIP GRASSING MIX SHALL BE:
  - KIKUYU 70%
  - RYE 15%
  - TALL FESCUE 15%
2. TREES SHALL NOT BE PLANTED LESS THAN THE FOLLOWING DISTANCES FROM EXISTING ELEMENTS UNLESS OTHERWISE STATED IN THE DOCUMENTATION:
 

FOOTPATHS:	1.25M
DRIVEWAYS AND CROSSOVERS:	3.0M
STORMWATER AND SEWERAGE PITS:	2.0M
SERVICE CROSSINGS:	2.0M
INTERSECTIONS:	10.0M
KERB AND CHANNEL:	0.9M
STREET LIGHTS:	2.5M
FIRE PLUGS:	3.0M
ADJOINING PROPERTIES AND COUNCIL BUILDINGS:	5.0M (SMALL TREE ONLY)
3. TREE LOCATIONS ARE TO BE CONFIRMED ON SITE BY COUNCIL PRIOR TO EXCAVATION AND INSTALLATION

**CITY OF MELTON**  
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**PLANT SCHEDULE**

TREES	CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY
	COR mac	<i>Corymbia maculata</i>	Spotted Gum	45L	133
	FRA pen	<i>Fraxinus pennsylvanica</i> 'Cimzam'	Cimmaron Ash	45L	69
	LOM tan	<i>Lomandra longifolia</i> 'Tanika'	Spiny Mat Rush	Tubestock	246

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**PROJECT:**  
BRIDGEFIELD-STAGE 8

**DRAWING NO.:**  
SST01

**SCALE:**  
1:500@A1

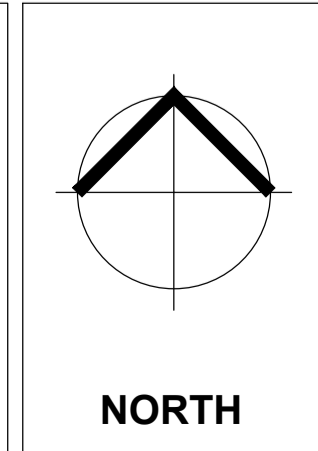
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STREET TREE PLAN 01

**ISSUE:**  
I

**DRAWN BY:**  
DF

**CHECKED BY:**  
MS

**CLIENT:**  
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BUILDING 5, 658 CHURCH ST  
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LV CONNECTIONS	(red colour)	3.0M
HV CONNECTIONS	(blue colour)	5.0M
CONDUITS	(orange colour)	5.0M

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**PLANT SCHEDULE**

REFER PLAN SST01 FOR PLANT SIZES AND NUMBERS

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2M LENGTH OF WALL TO BE RECONSTRUCTED AT WALL ENDS. LEAVE 1M OFFSET BETWEEN PATH AND WALL ENDS. TYPICAL FOR ALL OPENING.

173M

100mm TOPPING STRIP TO FUCHSIA DRIVE BASE OF WALL

DRYSTONE WALL WORKS TO BE UNDERTAKEN BY OTHERS

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**PROJECT:**  
BRIDGEFIELD-STAGE 8

**DRAWING NO.:**  
SST02

**SCALE:**  
1:500@A1

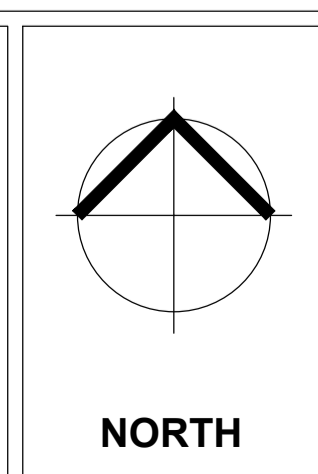
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STREET TREE PLAN 02

**ISSUE:**  
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**DRAWN BY:**  
DF

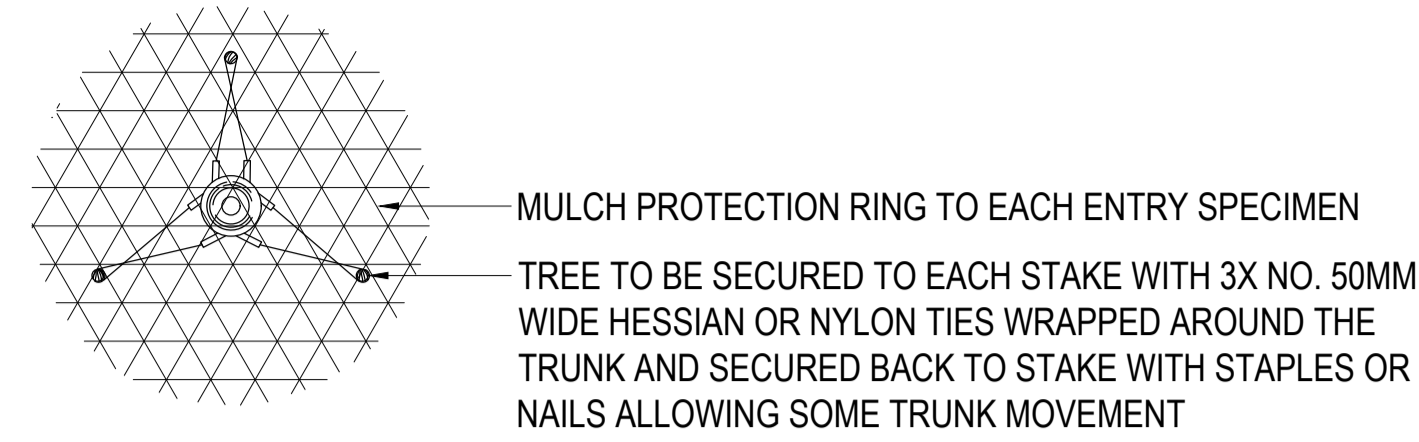
**CHECKED BY:**  
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**CLIENT:**  
GOLDFIELDS  
BUILDING 5, 658 CHURCH ST  
RICHMOND VIC 3121



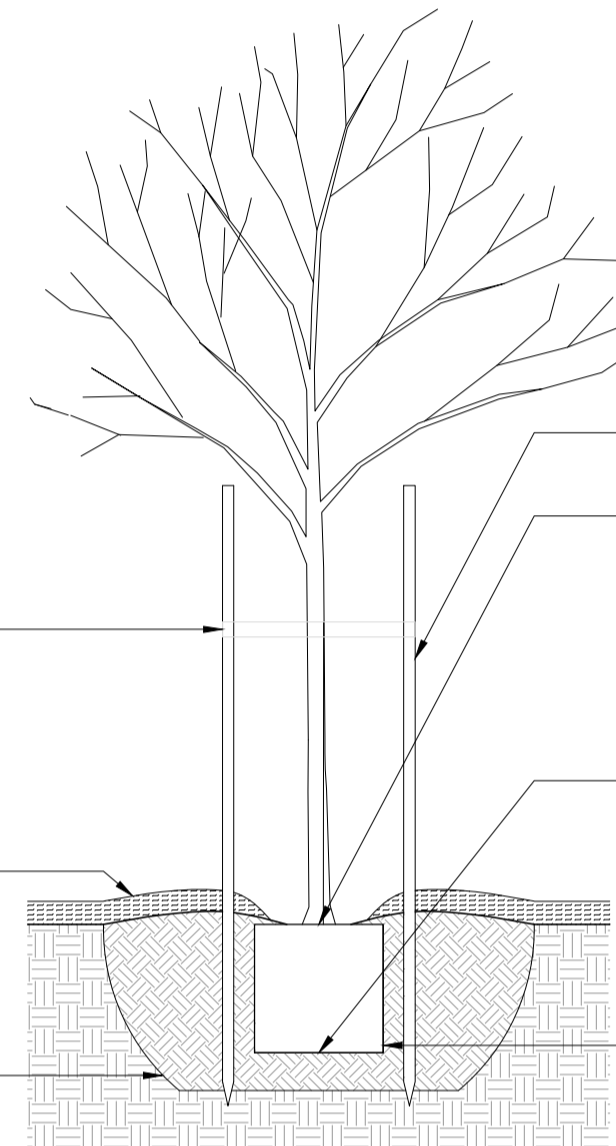
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TO PROMOTE LATERAL ROOT GROWTH THE PLANTING HOLE SHOULD BE NO LESS THAN 2 TIMES THE DIAMETER OF THE ROOT BALL

- NOTES:**
- TREES SHALL BE SELF SUPPORTING
  - TREES SHALL BE OF GOOD HEALTH AND VIGOR
  - ENSURE ALL LABELS WIRES, TWINE AND OTHER BINDING MATERIALS ARE REMOVED FROM PLANTING MATERIAL, INCLUDING ROOT BALLS PRIOR TO BACKFILLING
  - WATER IMMEDIATELY FOLLOWING PLANTING, SAUCER TO BE FILLED TWICE
  - SITE TO BE LEFT CLEAN AND TIDY ON COMPLETION OF PLANTING, REMOVE WEEDS AND BUILDING SPOIL FROM TREE PLANTING ZONE
  - FOR TREES BETWEEN:
    - 1.5M-2.5M HIGH - SUPPLY STAKES AT 1.8M HEIGHT,
    - 2.5M-3.0M HIGH - SUPPLY STAKES AT 2.1M HEIGHT,
    - ABOVE 3.5M HIGH - SUPPLY STAKES AT 2.4M HEIGHT
  - ANY VARIATIONS TO THIS DETAIL TO BE SUBMITTED FOR APPROVAL PRIOR TO ANY PLANTING
  - MULCH SURROUND TO TREES IN GRASS AREA TO FINISH WITH NEAT SPADE CUT EDGE



**A** TREE PLANTING DETAIL  
003 1:50@A1

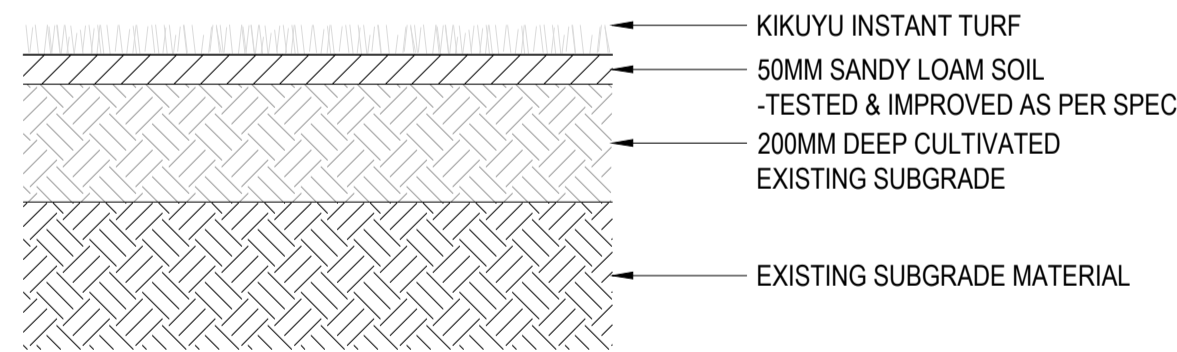
50MM WIDE NYLON OR HESSIAN TIES FIXED AT STAKE, PLACED 300MM SPACING, NO GREATER THAN 1/2 TREE HEIGHT. TIES ARE TO BE LOOSE FIT AND ALLOW FOR SAFE MOVEMENT OF TREE CANOPY

MULCH AS SPECIFIED TO A MIN. DEPTH OF 150MM FROM EDGE OF THE ROOT BALL TO THE EDGE OF THE PLANTING PIT. KEEP MULCH AWAY FROM STEM AND DO NOT COVER ROOTBALL

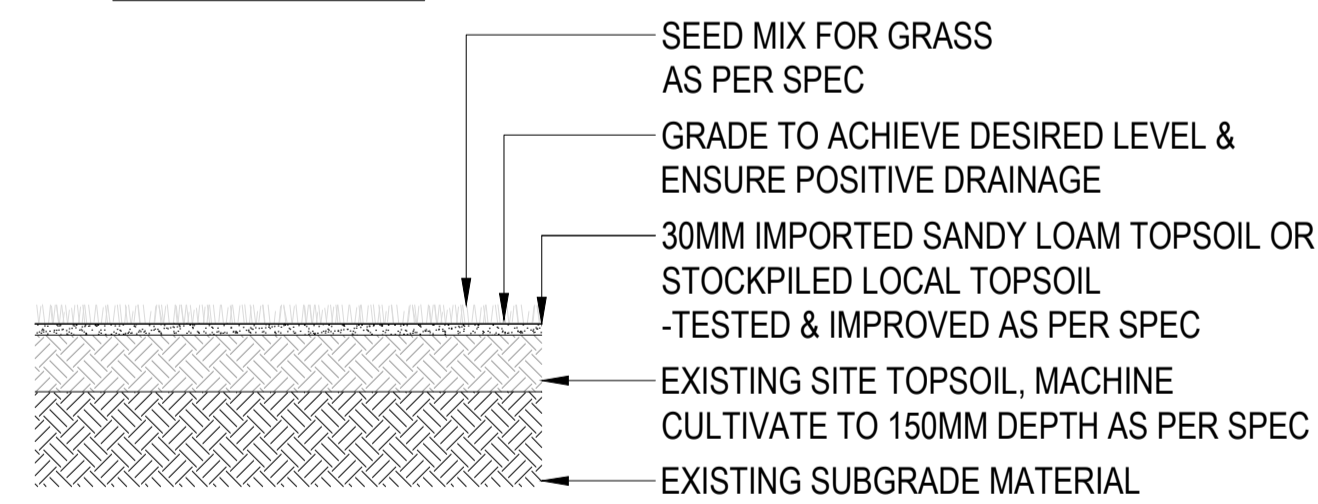
BREAK UP SIDES AND BASE OF EXCAVATION TO 100MM

- TREE STAKES TO BE SET VERTICALLY AND CLEAR OF ROOT BALL
- TOP OF ROOTBALL IS FLUSH WITH FINISHED LEVEL OF SITE SOIL. FORM A WATERING BASIN AROUND THE BASE OF THE PLANT ENSURING NO BUILD UP OF SOIL OR MULCH AROUND THE BASE OF THE TRUNK
- PLACE PLANT IN CENTRE OF HOLE AT GROUND LEVEL WITH ROOT BALL RESTING ON THE BASE OF THE HOLE BACKFILL HOLE WITH APPROVED SITE SOIL. ROOTBALL TO BE PROPERLY PREPARED PRIOR TO PLANTING. ENSURE NO ROOTS ARE PROTRUDING ABOVE THE FINISHED SURFACE
- EXCAVATE PLANTING HOLE WITH SLOPING SIDES 2XTIMES THE DIAMETER OF THE ROOT BALL. DEPTH OF PLANTING HOLE TO BE ONLY SLIGHTLY BELOW THE DEPTH OF THE ROOT BALL. BREAK UP SIDES AND BASE OF EXCAVATION TO 100MM. TOP OF ROOT BALL IS FLUSH WITH FINISHED LEVEL OF PLANTING HOLE

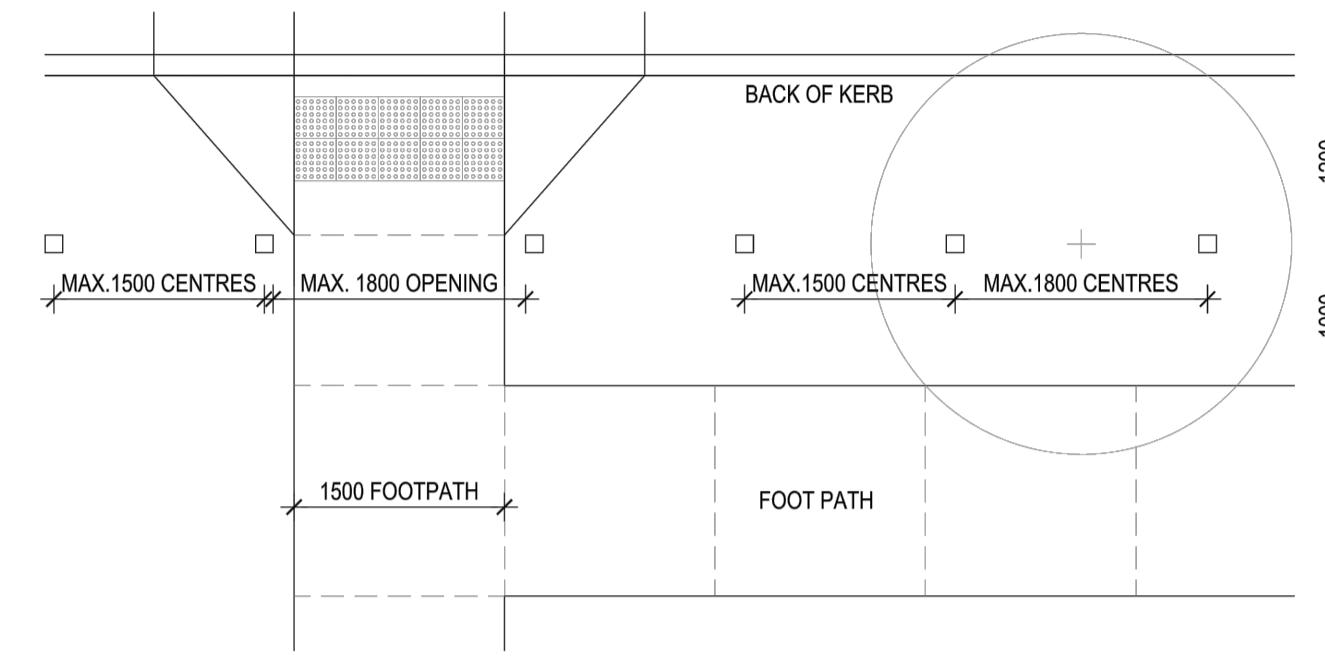
- NOTES:**
- TOPSOIL SHOULD BE FREE OF ROCK AND WEEDS
  - NATURE STRIPS SHOULD BE AT 80% COVERAGE AND GERMINATION AT PC



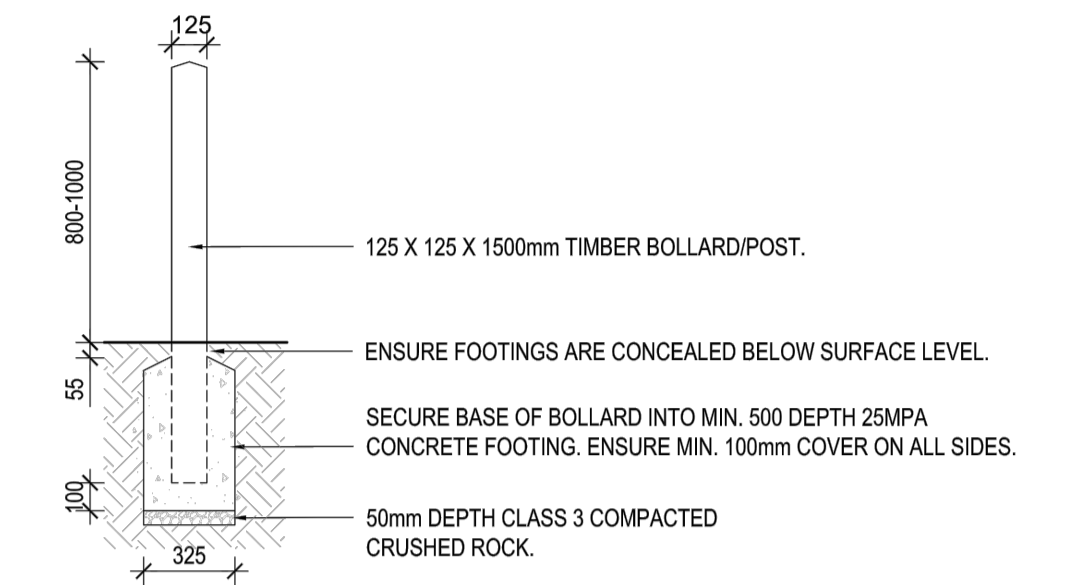
**B** INSTANT TURF DETAIL  
003 1:20@A1



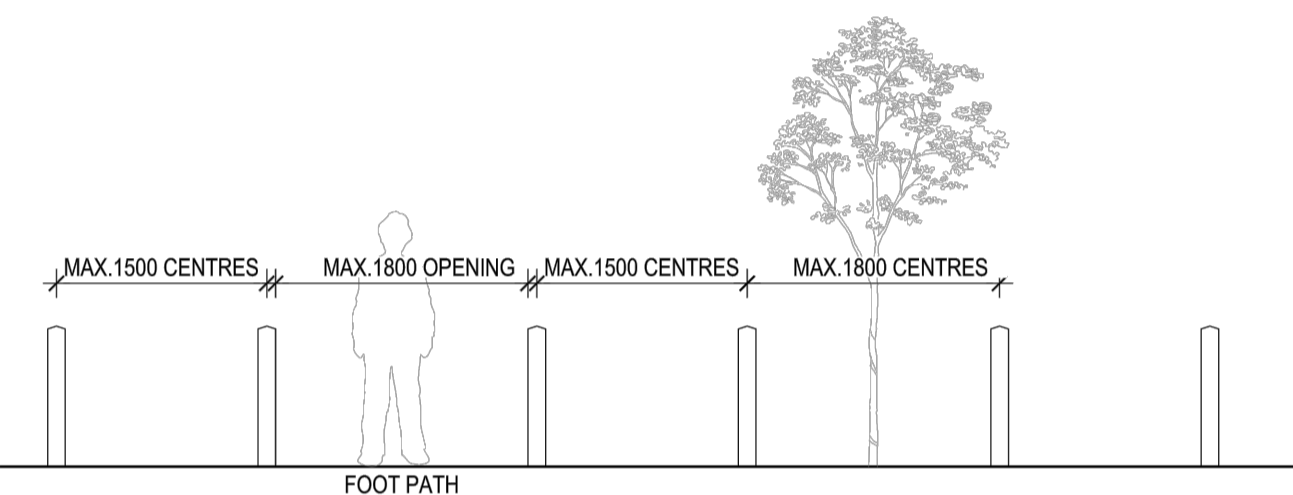
**C** GRASS SEEDING DETAIL  
003 1:20@A1



**1** TYPICAL TIMBER BOLLARDS LAYOUT  
PLAN 1:50

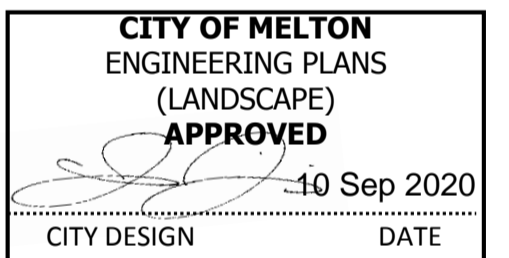


**3** TYPICAL TIMBER BOLLARD  
CROSS SECTION 1:25



**2** TYPICAL TIMBER BOLLARDS LAYOUT  
ELEVATION 1:50

- NOTES:**
- WHERE POSSIBLE, BOLLARDS ARE TO BE AVOIDED IN SHARED PATHS. REFER TO AUSTRROADS - TERMINAL TREATMENTS FOR EXCLUDING VEHICLES FOR FURTHER INFORMATION.
  - BOLLARD/POST FRANGIBILITY IS REQUIRED WHERE A BOLLARD/POST EXCEEDS 125mm IN WIDTH, IS ADJACENT A ROAD OR AS SPECIFIED BY THE RELEVANT AUTHORITY.
  - SPACING OF BOLLARDS SHOULD BE NO GREATER THAN 1.5M CENTRES.
  - RECYCLED PLASTICS BOLLARDS ARE PREFERRED FOR ENVIRONMENTAL BENEFITS. TIMBER BOLLARDS SHOULD ONLY BE USED AS APPROVED BY COUNCIL.
  - SUITABLE TIMBER:
    - AFCS/FSC AUSTRALIAN HARDWOOD TIMBER
    - RECLAIMED AUSTRALIAN HARDWOOD TIMBER.
  - TIMBER POSTS TO BE DRESSED. TIMBER MUST BE FREE FROM SPLITS AND OBVIOUS SPLINTERS.
  - EXTEND POST TO MIN. DEPTH OF 300mm INTO CONCRETE FOOTING, DEPENDING ON PRODUCT AND FIXING TYPE. ENSURE FOOTINGS ARE CONCEALED BELOW SURFACE LEVEL.
  - LAYOUT ON SLOPES SUBJECT TO COUNCIL APPROVAL.



**D** TYPICAL FORM OF LOCAL DRYSTONE WALLS  
003 NTS

- DRYSTONE WALL NOTES:**
- Length of wall to be conserved/reconstructed comply with length stipulated in drystone wall management plan and these plans and should be repaired and reconstructed to the same height, width and style as the original wall.
  - Typical dimensions of wall to be, 1.0m Wide at base and 0.75 to 1.0m High.
  - Before wall construction commences a 5m sample of wall is to be prepared for inspection and approval by Heritage planner.
  - Suitably qualified and accredited drystone waller to prepare: Drystone wall and approved by Council prior to engagement.
  - Concrete, mortar and mud must not be used in dry stone walls.
  - All rock to be source from on site stockpiles typically within future school site, any additional rock required to be sourced from Rockbank.

- DRYSTONE WALL OFFSETS GUIDE:**
- Footpaths should be a minimum of 0.5m from dry stone walls.
  - Areas between footpaths and drystone walls should be laid with free draining gravel or stone
  - Planting within 1m of dry stone walls should be low grasses or groundcovers less than 200mm high, not garden beds.
  - No mulch or tan bark should be used at the base of dry stone walls.
  - Trees should not be planted closer than 1m and should have a mature canopy height of at least 2m. "

**APPROVED:**  
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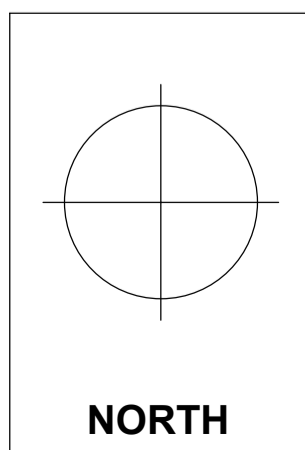
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PROJECT:	
BRIDGEFIELD-STAGE 8	
DRAWING NO.:	
SST03	
SCALE:	
VARIES	

DRAWING TITLE:	
LANDSCAPE DETAILS 01	
ISSUE:	
I	
DRAWN BY:	
DF	
CHECKED BY:	
MS	

**CLIENT:**  
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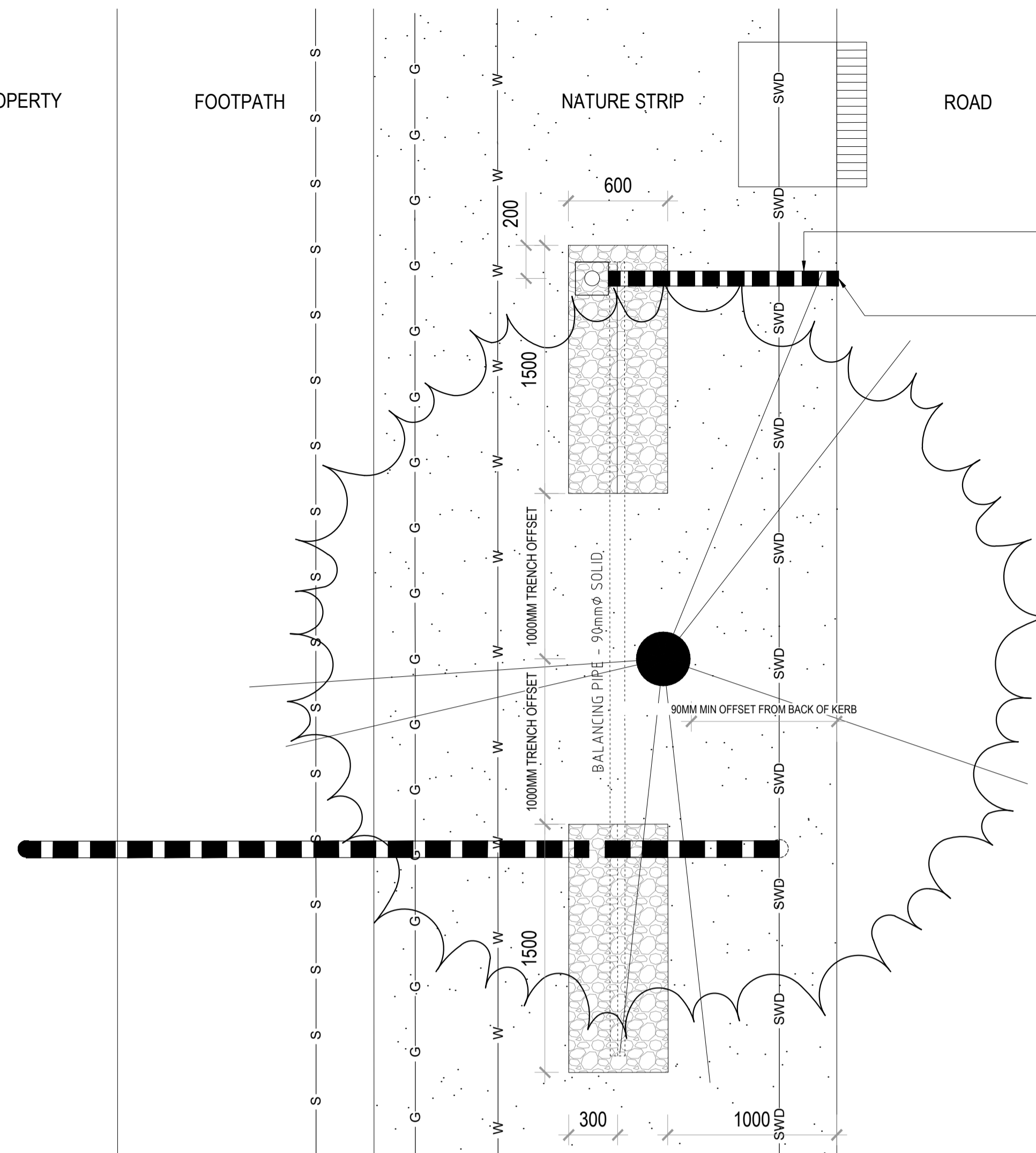


PRIVATE PROPERTY

FOOTPATH

NATURE STRIP

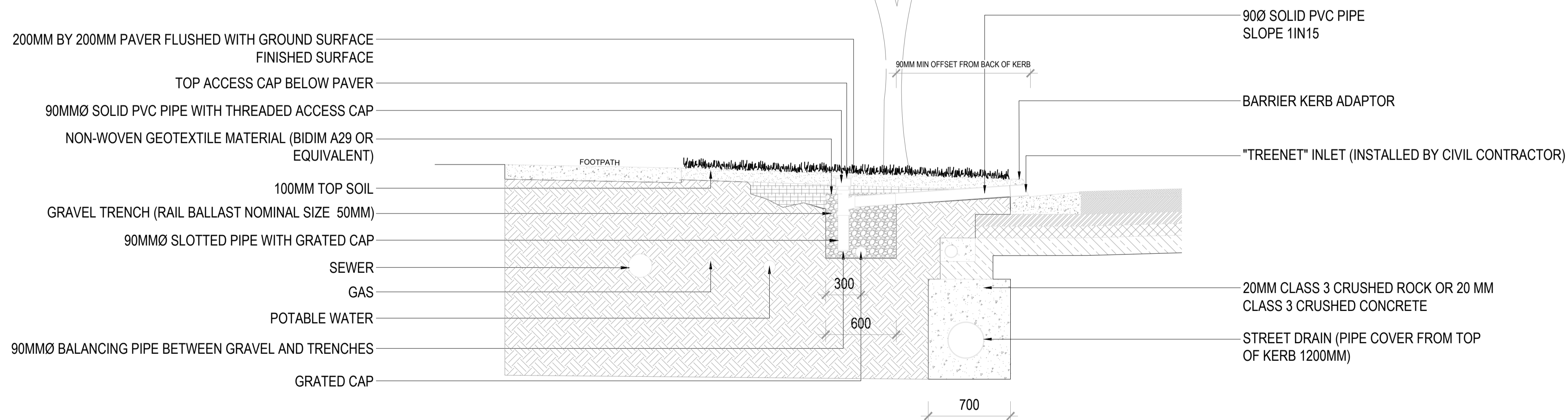
ROAD



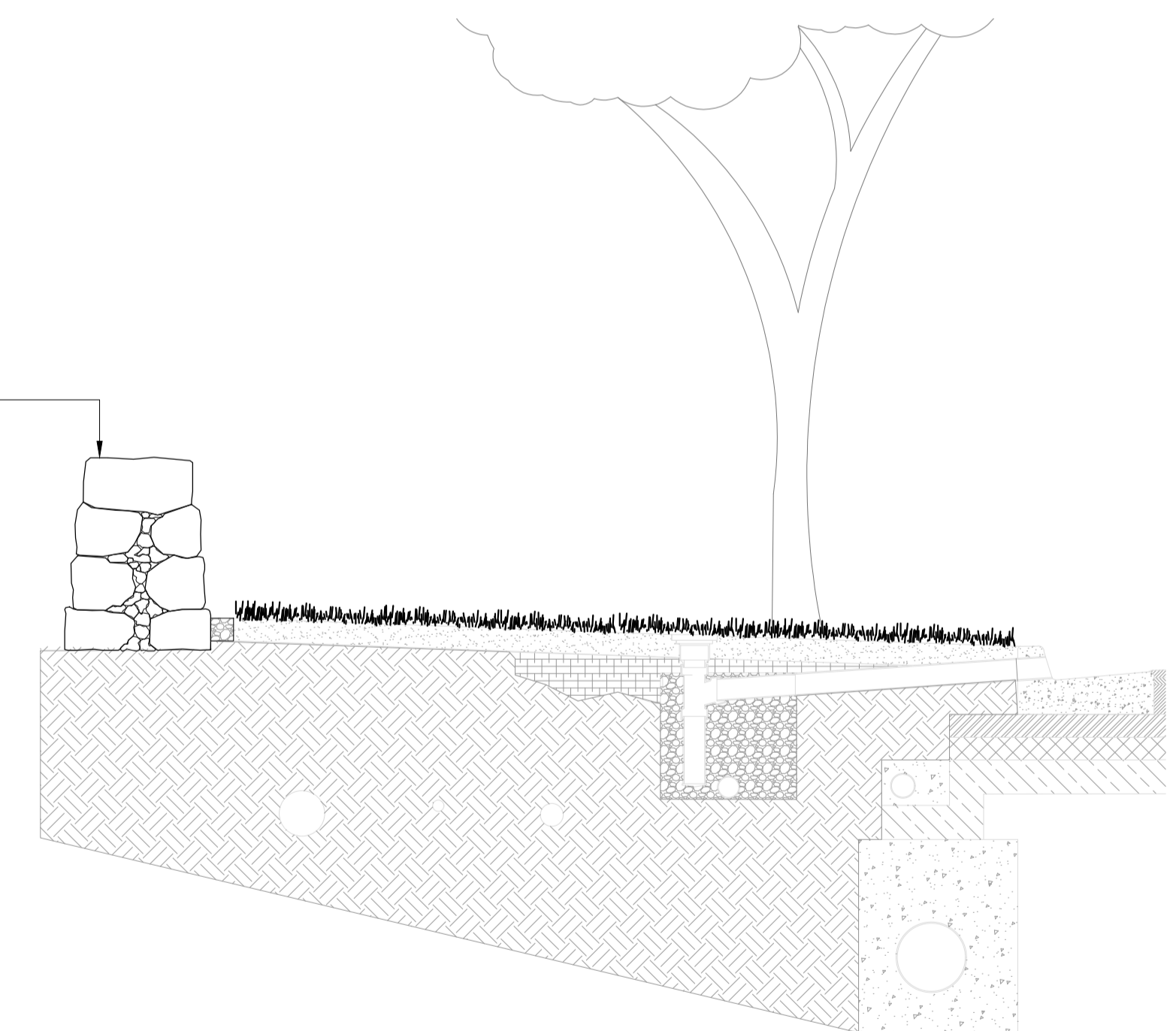
900 SOLID PVC INLET PIPE TO TRENCH  
 PROVIDE GRATE COVER OVER PIPE (TREENET INLET)

A PLAN TREE PASSIVE IRRIGATION DETAILS / MELTON COUNCIL NO 2  
 004 1:25@A1

CITY OF MELTON  
 ENGINEERING PLANS (LANDSCAPE)  
**APPROVED**  
 10 Sep 2020  
 CITY DESIGN DATE



INDICATIVE DRYSTONE WALL BY OTHERS



B SECTION TREE PASSIVE IRRIGATION DETAILS / MELTON COUNCIL NO 2  
 004 1:25@A1

C INDICATIVE ARRANGEMENT OF DRYSTONE WALL AND PASSIVE IRRIGATION  
 004 1:25@A1 FUSHIA DRIVE

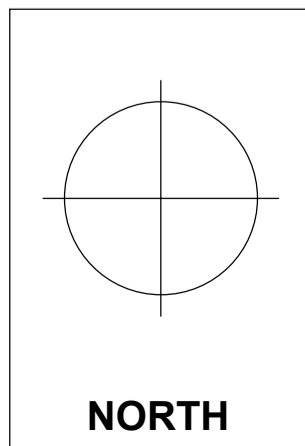
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<b>PROJECT:</b> BRIDGEFIELD-STAGE 8
<b>DRAWING NO.:</b> SST04
<b>SCALE:</b> VARIES

<b>DRAWING TITLE:</b> LANDSCAPE DETAILS 02	
<b>ISSUE:</b> I	
<b>DRAWN BY:</b> DF	<b>CHECKED BY:</b> MS

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