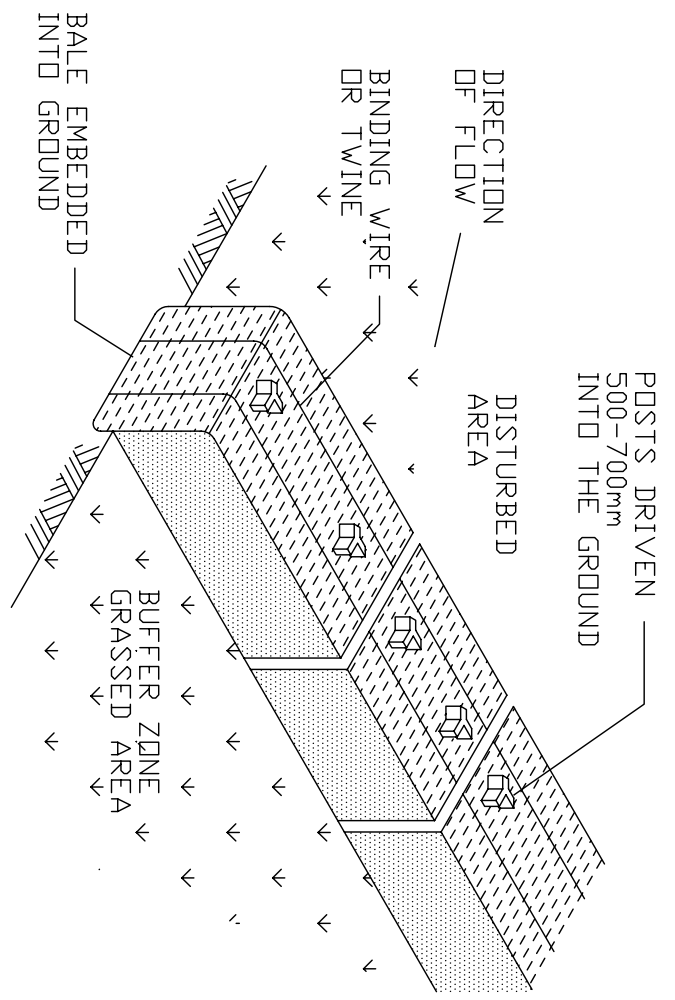
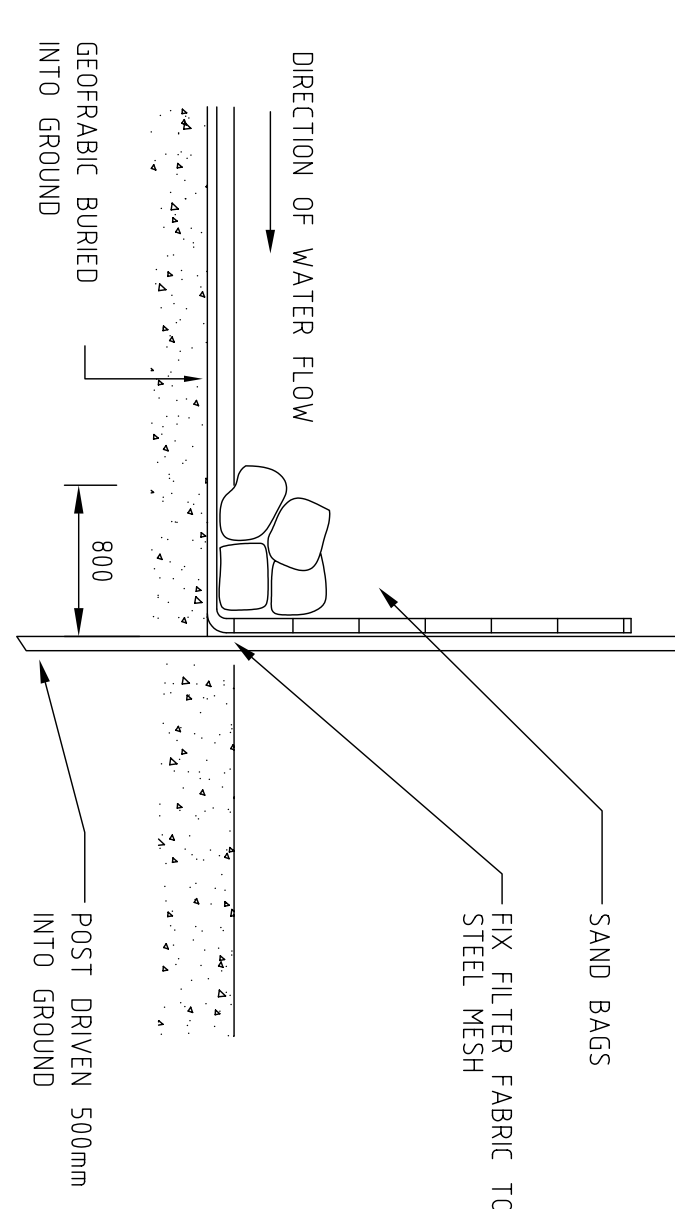
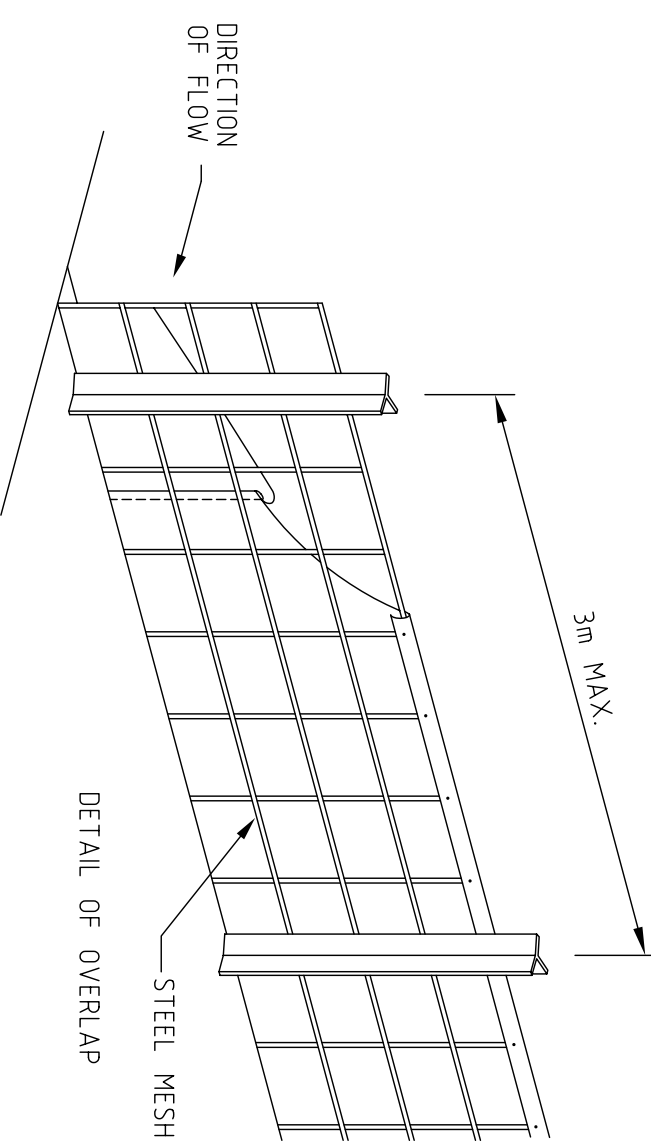


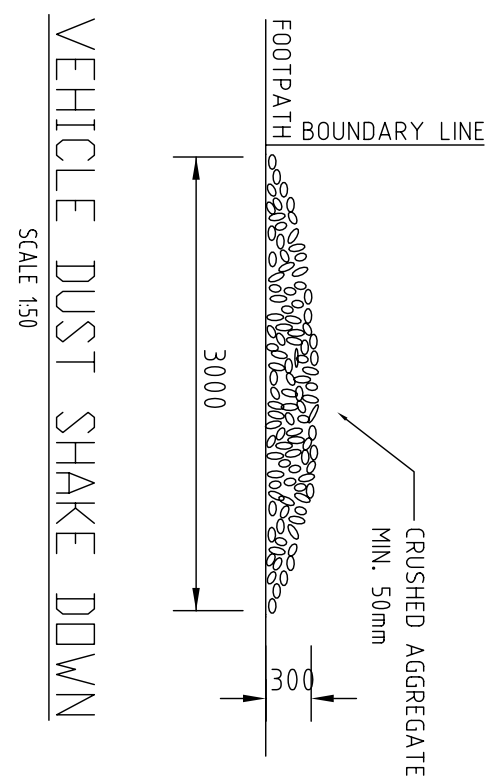
ELEVATION



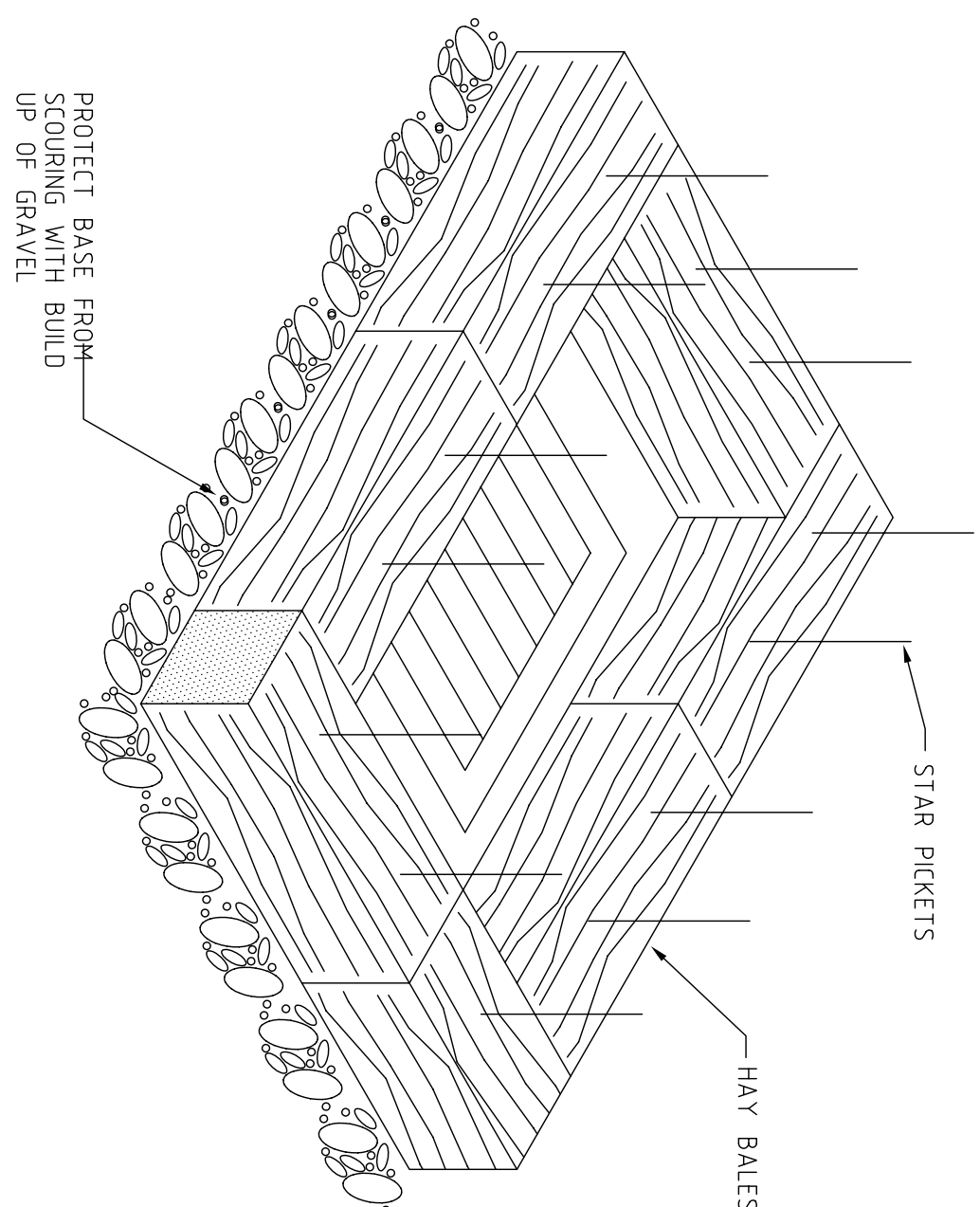
STRAW BALE SEDIMENT FENCE
NTS



GEOFABRIC SILT FENCE
PROPERTY BOUNDARY FENCE
SEDIMENT CONTROL
NTS



VEHICLE DUST SHAKE DOWN
SCALE 1:50

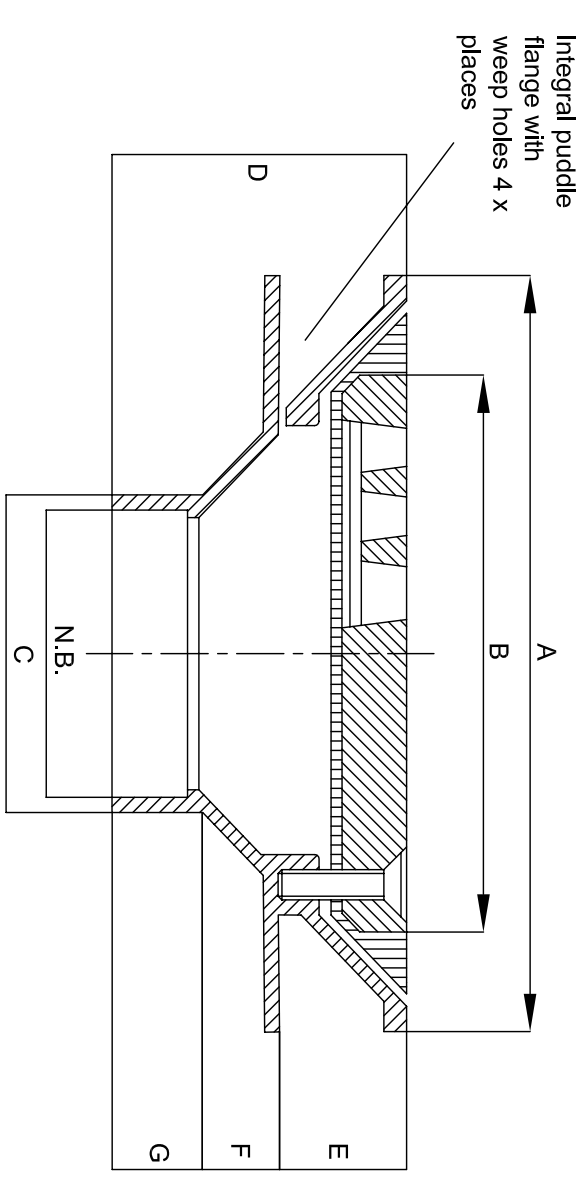
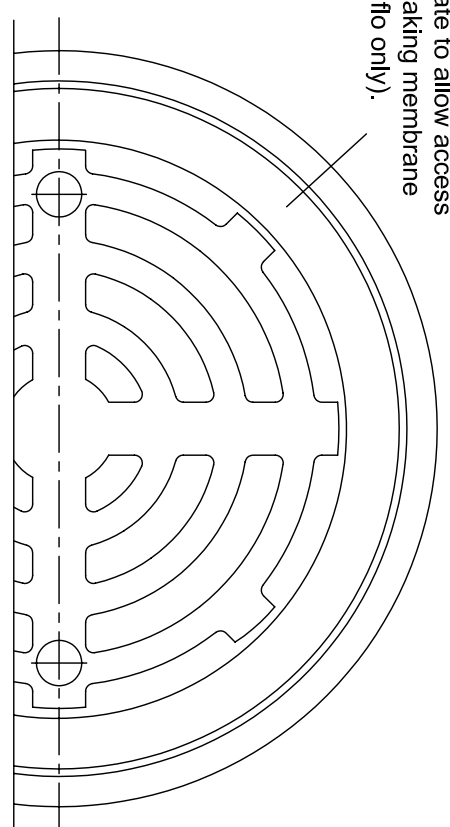


SILT CONTROL DURING CONSTRUCTION
NTS

SPS Trufo & Superflo Flat Grate RWO (With Membrane Clamping Ring)

Specification code:
T1A • F2 (C) body, gal. C1 flat grate & aluminium membrane (mg)
T1B • F2 (C) body, bronze flat grate & bronze membrane (mg)
T1C • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1D • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1E • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1F • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1G • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1H • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1I • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1J • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1K • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1L • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1M • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1N • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1O • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1P • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1Q • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1R • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1S • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1T • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1U • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1V • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1W • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1X • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1Y • F2 (C) body, gal. flat grate & bronze membrane (mg)
T1Z • F2 (C) body, gal. flat grate & bronze membrane (mg)

Membrane ring fastens to body
Interpenetrating of grate to allow access
to sump and/or leading membrane
seal (100 & 150 Trufo only).



N.B.	A	B	C	D	E	F	G	Flow rate	US
80	200	150	85	80	33	22	25	8.2	
100	260	200	110	95	44	26	25	10.2	
150	280	200	160	80	48	4	28	10.2	
SUPERFLO	400	300	160	143	66	39	38	17	

Specialty Plumbing Supplies Pty Ltd
Tel: (02) 9416 8031 Fax: (02) 9416 7614 E-mail: sps@bigpond.net.au

SPECIFICATION

1. INTRODUCTION

- 1.1 Erosion and sediment control measures are to be implemented on site for this project. These works are to be maintained and/or varied as specified by the Superintendent or the nominated representative during the contract period until the area they protect is rehabilitated.
- 1.2 The specification is to be read in conjunction with the Site Stormwater plans for the site and also "Techniques for Soil and Water Management as Building Sites" produced by the Department of Housing.

2. MANAGEMENT PLAN

- 2.1 The contractor shall undertake these works prior to any clearing, under scrubbing, bulk earthworks and excavation for services. They shall be installed starting at the lowest site level location and progress upslope in way which mitigates erosion and controls sediment even whilst this stage is being implemented.

3. GEOFABRIC "SILT" FENCING

- 3.1 Construct "silt" fencing downslope of areas of disturbance.
- 3.2 Excavate a 100mm x 240mm deep trench along each length of the proposed "silt" fence on the upslope side. Supply 1200mm long painted steel star pickets and drive each picket into the ground at a minimum of 200mm to the bottom of the trench. Fix 70 to mesh x 500mm high to the star pickets and be each horizontal wire's intersection at 120mm to the bottom of the trench. Overlap the geofabric by 100mm and secure the geofabric to the star pickets with 120mm to the bottom of the trench. Turn down over top edge of mesh and tie at 1000mm centres both horizontally and vertically (over with 120mm to the wire. Fill and compact trench burying the fabric's bottom edge.
- 3.4 Repair "silt" fencing when required or as directed by the Site Superintendent. Replace damaged or worn sections, straighten and/or re-drive pickets and re-tie when the mesh or fabric comes apart.

4. TEMPORARY HAY BALE BUND

- 4.1 Hay bales are to be used in temporary situations, i.e. whilst installing control measures or when a control measure has been partially or fully dismantled to permit building works to proceed.
- 4.2 Use only bales bound with wire or plastic twine and placed lengthwise in twin rows with straw parallel to the ground surface. Lay the bale flat and embed 100mm minimum into downslope side. Secure each bale by driving two wooden stakes or star pickets through the centre. The soil immediately upslope from the bale is to be compacted to prevent piping erosion under the bale. Replace bales every 4 months or more frequently where deterioration or straw loss occurs.

5. CONSTRUCTION ENTRIES & EXITS

- 5.1 A shute down facility or handstand area is to be provided at the exit from the site to minimise the transport of soil off site by vehicle tyres.

6. SEDIMENT BARRIERS AROUND SURFACE INLET PITS AND KERB INLET GULLY PITS

- 6.1 Install sandbags around all existing and newly constructed surface inlet pits. From a new 3 bags high x 1200 long downslope from the inlet into the pit. Place 1 layer of sandbags around the pit's other three sides ensuring that ground level at the upstream and is higher than the inlet sandbag layer.
- 6.2 Place a filter roll made from hessian bags filled with 20 aggregated around all kerb inlet gully pits inside the contractor's site area and on the neighbouring internal roads adjacent to the site.

7. STOCKPILES

- 7.1 Stockpiles are not to be located within 2m of hazard areas, including likely areas of concentrated or high velocity flows such as spoon drains, paved areas and driveways. Install diversion banks upslope from and "silt" fencing downslope from any stockpile.
- 7.2 Keep foot and vehicular traffic away from any such rehabilitated areas.

8. MATERIAL RECEIPTS

- 8.1 Provide acceptable receipts for concrete and motor slurries, paints, acid washings, lightweight waste material and filler. Empty as necessary and dispose in any acceptable manner.

9. VARIATIONS TO CONTROL MEASURES

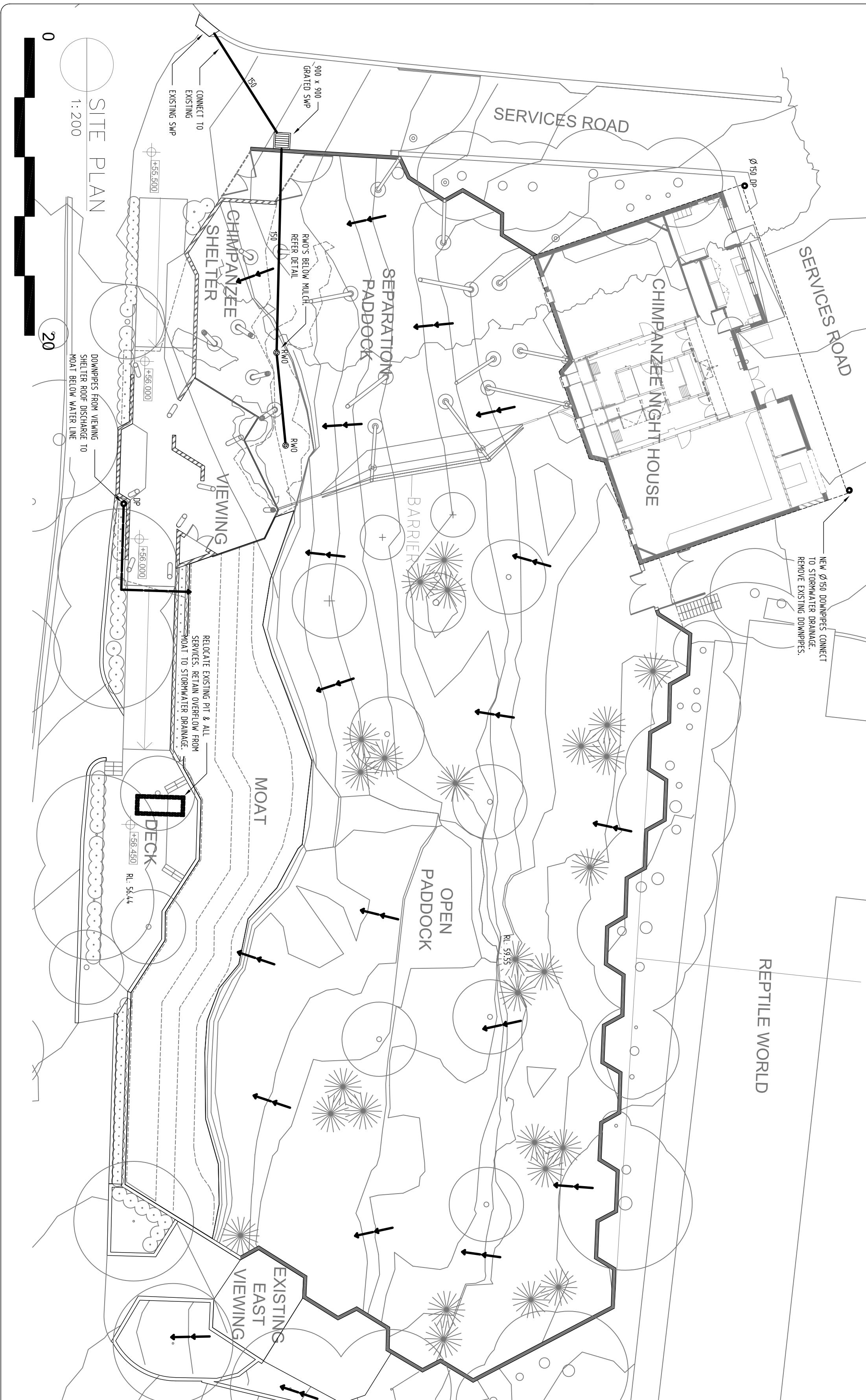
- 9.1 Allow to tender to indicate control measures from time to time in accordance with the construction program and to permit building construction works to proceed whilst still maintaining adequate protection to downslope lands and waters.

10. MAINTENANCE

- 10.1 All sediment and erosion control measures shall be maintained in a satisfactory working order throughout the contract or to until such time as the area, which they protect, is rehabilitated.
- 10.2 The contractor shall inspect the site at least once a week to ensure that:
 - a) Control measures operate effectively and to initiate repairs or maintenance as required.
 - b) Spoiled material is removed from hazard areas including likely areas of concentrated or high velocity flows such as spoon drains, gutters, paved areas and driveways.
 - c) Sediment is removed from basins, "silt" fencing or traps when 10% capacity is trapped in the settling zone. All collected sediment is to be removed to areas where future pollution to downslope areas and waters is unlikely.
 - d) Gravel or other filter materials are clean and have been inspected or replaced to maintain effective performance.
 - e) All devices are to be inspected after each storm for structural damage or clogging by silt or other debris and to make prompt repairs or replacements.
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- 10.10 All devices are to be inspected after each storm for structural damage or clogging by silt or other debris and to make prompt repairs or replacements.
- 10.11 All devices are to be inspected after each storm for structural damage or clogging by silt or other debris and to make prompt repairs or replacements.

11. FINAL SITE LANDSCAPING

- 11.1 Final site landscaping is to be undertaken as soon as possible in any period after building activities surrounding the dwelling are completed.



SITE PLAN
1:200