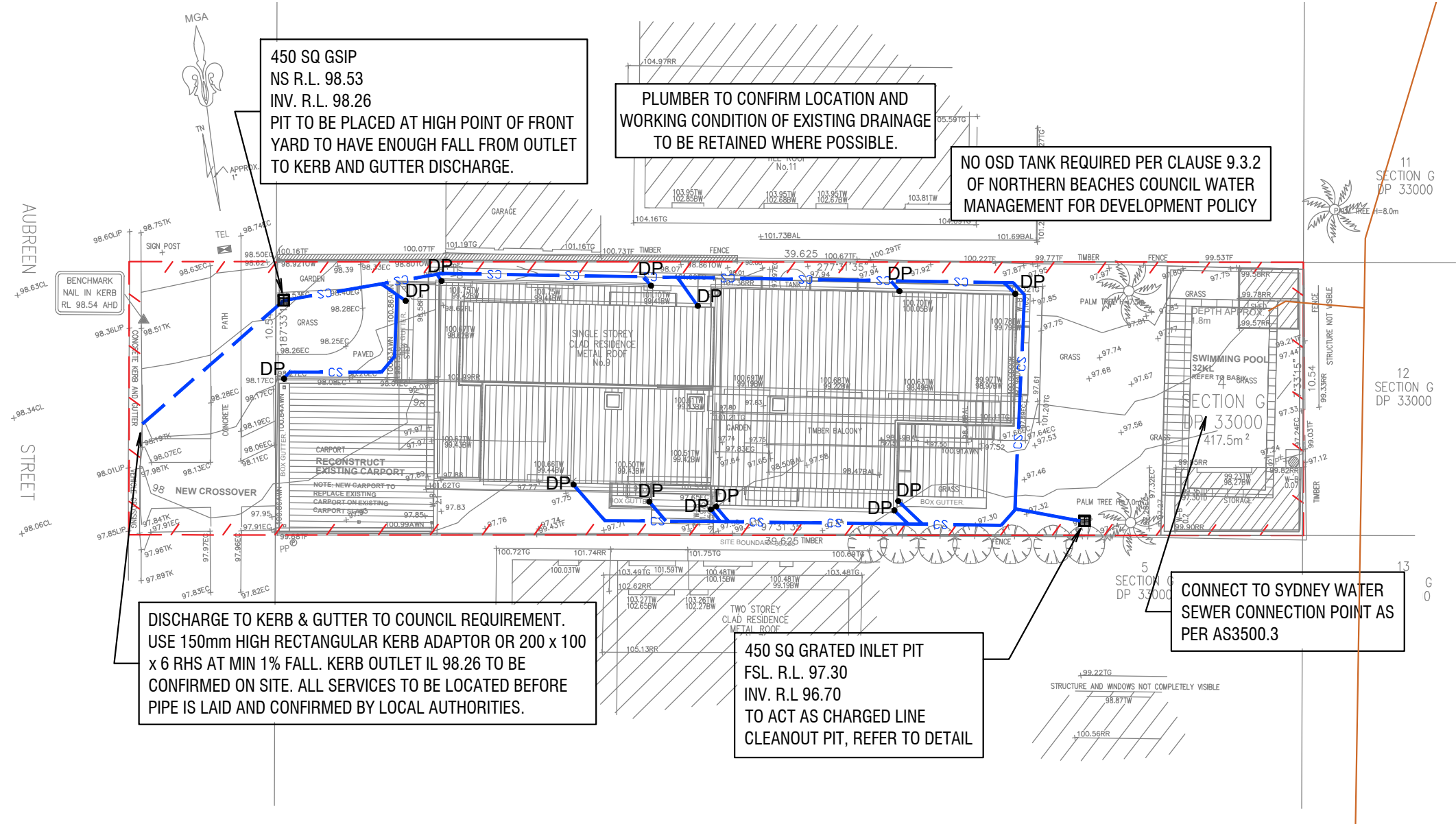




LEGEND PROPOSED

- STORMWATER PIPE
- CHARGED LINE
- GRATED PIT
- DOWNPIPE
- BOUNDARY LINE
- SYDNEY WATER SEWER MAIN



STORMWATER MANAGEMENT PLAN

SCALE 1:200

NOTES:

- ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH NORTHERN BEACHES COUNCIL'S DCP, AS3500.3 STORMWATER DRAINAGE.
- THE CONTRACTOR IS TO LOCATE AND LEVEL ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, WHETHER INDICATED ON THE PLANS OR NOT, AND MAKE ARRANGEMENTS WITH THE RELEVANT AUTHORITY TO RELOCATE OR ADJUST IF NECESSARY. ANY DAMAGE TO EXISTING SERVICES SHALL BE RECTIFIED AT THE CONTRACTORS EXPENSE.
- THE CONTRACTOR IS NOT TO ENTER UPON NOR DO ANY WORK WITHIN ADJOINING LANDS WITHOUT THE PERMISSION OF THE SUPERINTENDENT.
- THE CONTRACTOR SHALL EFFECT TEMPORARY DRAINAGE MEASURES TO AVOID LOCALISED PONDING OF SURFACE RUN-OFF.
- ALL NEW WORKS TO MAKE SMOOTH CONNECTION TO EXISTING CONDITIONS.
- THE CONTRACTOR IS TO MAINTAIN SERVICES AND ALL WEATHER ACCESS AT ALL TIMES TO ADJOINING PROPERTIES.
- ALL DRAINAGE ELEMENTS ARE SHOWN DIAGRAMATICALLY BASED ON AVAILABLE DRAWINGS, TO BE INSTALLED WITH CONSIDERATION TO SITE CONSTRAINTS AND THE INTENT OF THE DRAINAGE CONCEPT.
- ALL DOWNPIPES ARE SHOWN DIAGRAMATICALLY, POSITIONS ARE TO BE CONFIRMED ON SITE USING THE WORKING DRAWINGS.
- THE CONTRACTOR IS TO LOCATE AND LEVEL ALL EXISTING DRAINAGE PITS AND PIPES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND THE CONSTRUCTION IS TO COMMENCE FROM THE DOWNSTREAM PIT AND STRUCTURES.
- ALL DOWNPIPES ARE TO BE MINIMUM 90mm uPVC U.N.O.
- STORMWATER PIPES DOWNSTREAM OF AN INLET PIT ARE TO BE MINIMUM 150mm uPVC ON 1% MINIMUM GRADE U.N.O. AND TO HAVE MIN 100mm COVER.
- STORMWATER PIPES UPSTREAM OF AN INLET PIT ARE TO BE MINIMUM 90mm uPVC ON 1% MINIMUM GRADE U.N.O. AND TO HAVE MIN 100mm COVER.
- ALL GUTTERS TO BE INSTALLED WITH GUTTER GUARDS UNLESS NOTED OTHERWISE.
- ENSURE THAT ALL PITS AND PIPES ARE LOCATED CLEAR FROM ANY TREE ROOT SYSTEMS.
- PROVIDE STEP IRONS WHERE PIT/TANK IS DEEPER THAN 1m.

0 2 4 8 12
SCALE (m) 1:200

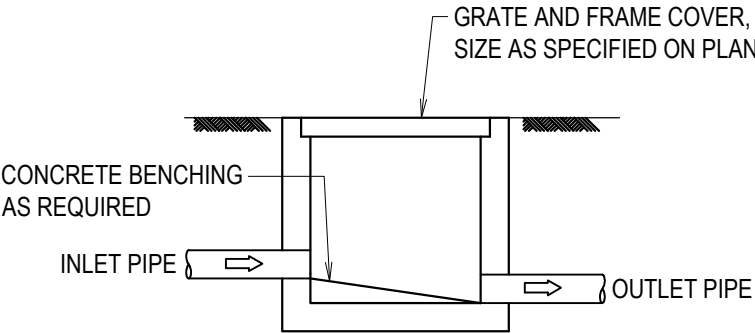
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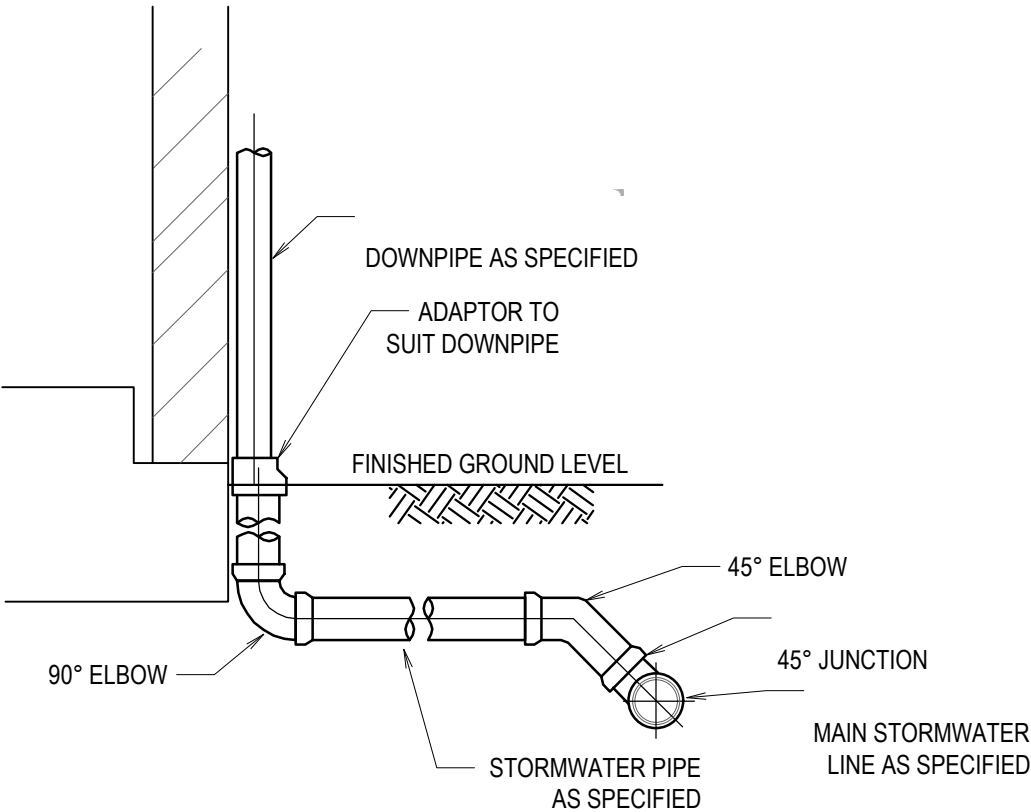
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STORMWATER PLAN				
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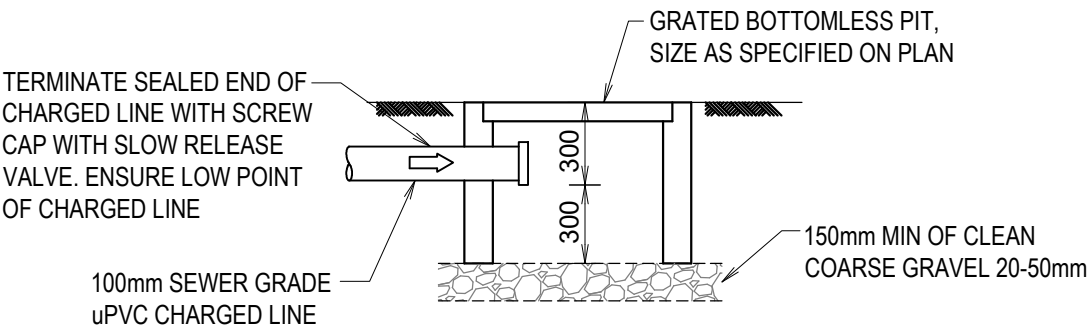
TYPICAL PIT (GSIP)

N.T.S.



DOWNPIPE CONNECTION DETAIL

SCALE: NTS



CHARGED LINE CLEANOUT PIT DETAIL (CLCP)

N.T.S.

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EROSION CONTROL

BEFORE EARTHWORKS CAN COMMENCE THE EROSION & SEDIMENT CONTROL MEASURES MUST BE IN PLACE.

DURING THE CONSTRUCTION PERIOD, THESE CONTROL MEASURES WILL NEED TO BE INSPECTED & MAINTAINED REGULARLY, ESPECIALLY AFTER STORM EVENTS, BY THE CONTRACTOR.

ALL WORK IS TO BE CARRIED OUT TO PREVENT EROSION, CONTAMINATION & SEDIMENTATION OF THE STORAGE SITE, SURROUNDING AREAS & DRAINAGE SYSTEMS.

MINIMIZE DISTURBED AREA COVERED WITH NATURAL VEGETATION. ONLY THOSE AREAS DIRECTLY REQUIRED FOR CONSTRUCTION ARE TO BE DISTURBED.

INSTALL EROSION/SEDIMENT CONTROL MEASURES PRIOR TO COMMENCEMENT OF CONSTRUCTION OR EXCAVATION OPERATIONS.

DO NOT STOCKPILE EXCAVATED MATERIAL ON THE ROAD WAY.

DIVERT CLEAN WATER FROM UNDISTURBED AREAS AROUND THE WORKING AREAS.

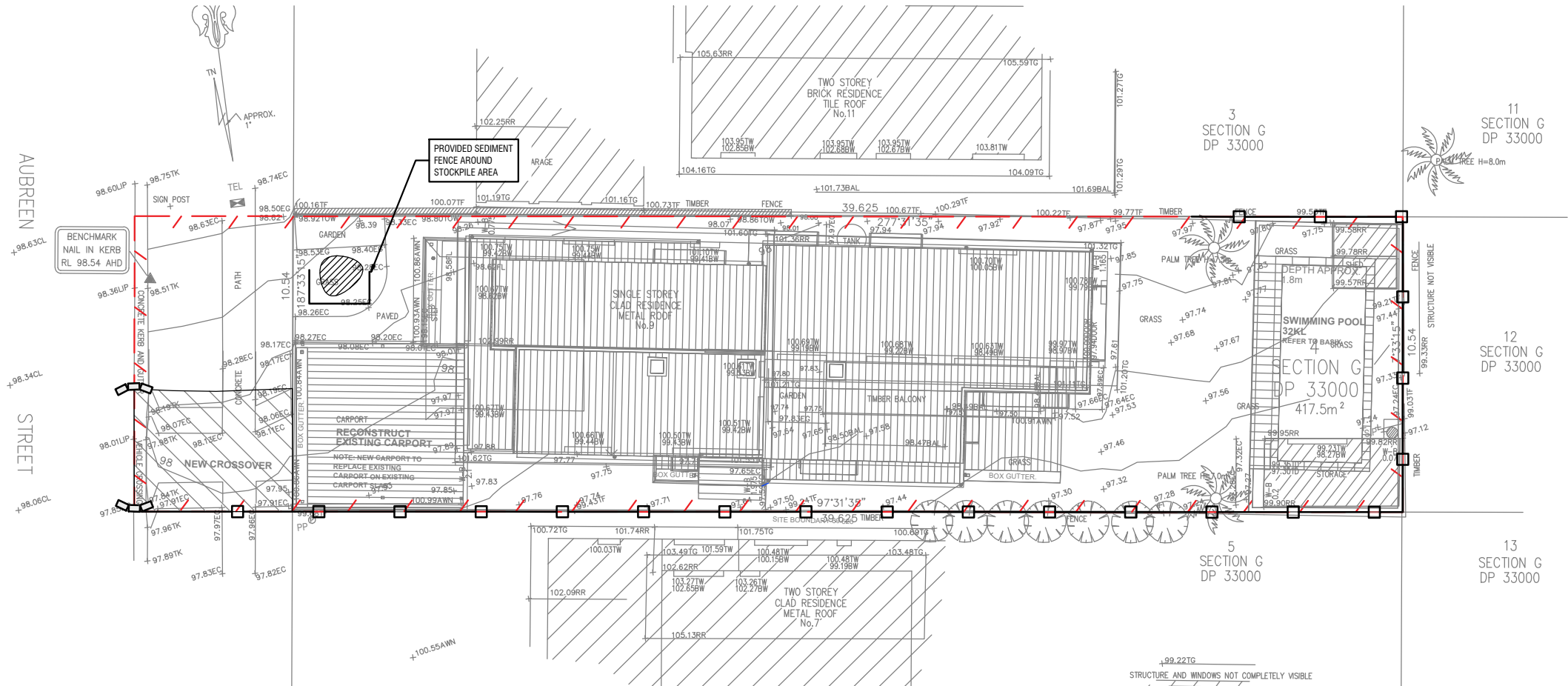
CONSTRUCTION ENTRY/EXIT SHALL BE VIA THE LOCATION NOTED ON THE DRAWING. CONTRACTOR SHALL ENSURE ALL DROPPABLE SOIL & SEDIMENT IS REMOVED PRIOR TO CONSTRUCTION TRAFFIC EXITING SITE. CONTRACTOR SHALL ENSURE ALL CONSTRUCTION TRAFFIC ENTERING AND LEAVING THE SITE DO SO IN A FORWARD DIRECTION.

AFTER RAIN, INSPECT, CLEAN, AND REPAIR IF REQUIRED, TEMPORARY EROSION & SEDIMENT CONTROL MEASURES.

REMOVE TEMPORARY EROSION & SEDIMENT CONTROL MEASURES WHEN THEY ARE NO LONGER REQUIRED.

COMPLY WITH THE REQUIREMENTS OF LANDCOM'S MANAGING URBAN STORMWATER - SOIL AND CONSTRUCTION 'THE BLUE BOOK' LATEST EDITION

THE EROSION & SEDIMENT CONTROL PLAN PROVIDED IS ONLY INDICATIVE. THE CONTRACTOR SHOULD PREPARE A DETAILED ESCP SUITABLE FOR THE SPECIFIC SITE CONDITIONS



LEGEND

- SEDIMENT FENCE
- TEMPORARY CONSTRUCTION EXIT
- STOCKPILE

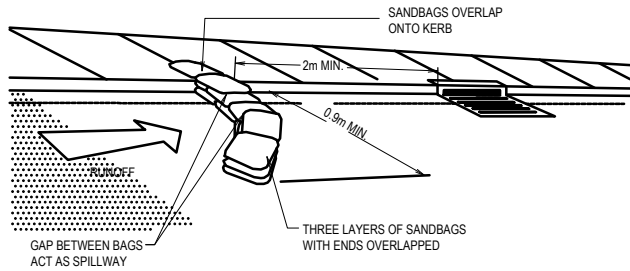
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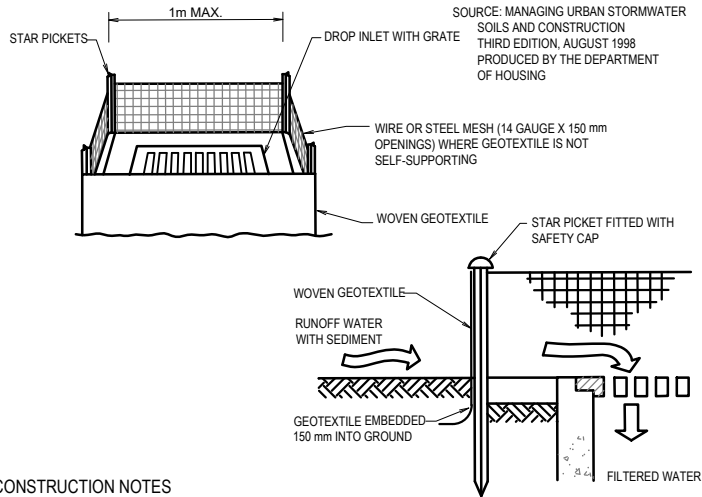


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SANDBAG KERB INLET SEDIMENT TRAP.

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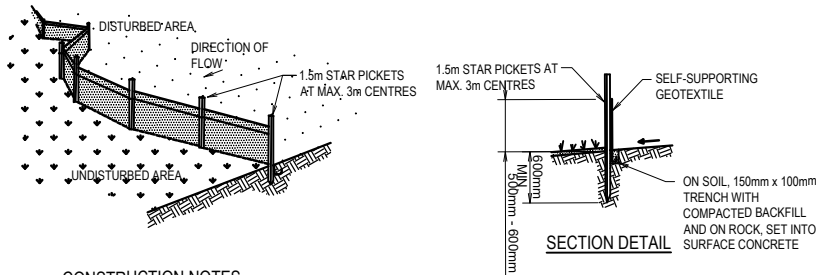


CONSTRUCTION NOTES

1. FABRICATE A SEDIMENT BARRIER FROM GEOTEXTILE OR STRAW BALES.
2. SUPPORT GEOTEXTILE WITH MESH TIED TO POSTS AT 1 METER CENTRES.
3. DO NOT COVER INLET WITH GEOTEXTILE.
4. CONSTRUCTION DETAILS ARE SIMILAR TO TYPICAL SEDIMENT FENCING DETAIL.

GEOTEXTILE INLET FILTER

N.T.S.

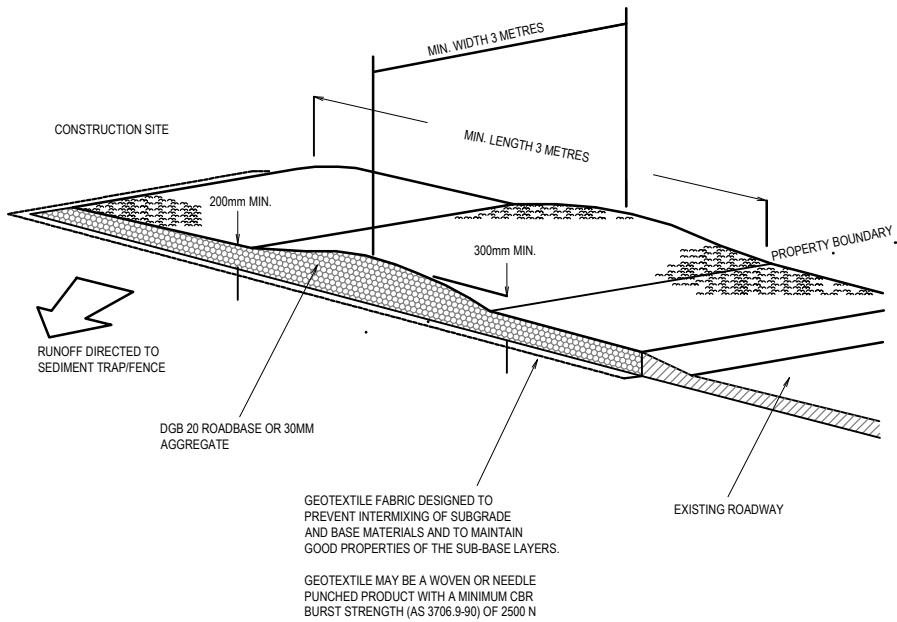


CONSTRUCTION NOTES

1. CONSTRUCT SEDIMENT FENCE AS CLOSE AS POSSIBLE TO PARALLEL TO THE CONTOURS OF THE SITE.
2. DRIVE 1.5m LONG STAR PICKETS INTO GROUND, 3 METERS APART.
3. DIG A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
4. BACKFILL TRENCH OVER BASE OF FABRIC.
5. FIX SELF-SUPPORTING GEOTEXTILE TO UPSLOPE SIDE OF POSTS WITH WIRE TIES OR AS RECOMMENDED BY GEOTEXTILE MANUFACTURER.
6. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.

SEDIMENT CONTROL FENCE

N.T.S.



CONSTRUCTION NOTES

1. STRIP TOPSOIL AND LEVEL SITE
2. COMPACT SUBGRADE.
3. COVER AREA WITH NEEDLE-PUNCHED GEOTEXTILE.
4. CONSTRUCT 200mmTHICK PAD OVER GEOTEXTILE USING ROADBASE OR 30MM AGREGATE. MINIMUM LENGTH 15m OR TO BUILDING ALIGNMENT. MINIMUM WIDTH 3 METRES.
5. CONSTRUCT HUMPS IMMEDIATELY WITHIN BUOUNDARY TO DIVERT WATER TO A SEDIMENT FENCE OR OTHER SEDIMENT TRAP.

STABILISED SITE ACCESS

N.T.S.

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SITE ADDRESS
9 AUBREEN STREET, COLLAROY NSW

CLIENT
DRAGONFLY ARCHITECTS PTY LTD

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