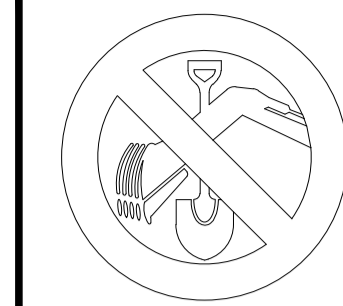
**LEGEND**

- DP DOWN PIPE
- FLOW DIRECTION
- PROPOSED STORMWATER PIPES
- ▨ STRIP DRAIN
- ▣ GRATE PIT
- FW FLOOR WASTE



**DIAL 1100**  
BEFORE YOU DIG

**GENERAL NOTES:**

- G1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS AND SPECIALISTS DRAWINGS.
- G2. ALL DIMENSIONS IN mm UNLESS NOTED.
- G3. DO NOT SCALE DIMENSIONS.
- G4. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. DISCREPANCIES SHALL BE REPORTED TO SOLUTION STRUCTURAL & CIVIL ENGINEERS IN WRITING.

**STORMWATER NOTES:**

- S1. PROVIDE INSPECTION OPENINGS TO ALL DOWNPIPES NOT DIRECTLY CONNECTED TO PITS.
- S2. ALL PIPES TO BE 100Ø UPVC SEWER GRADE UNO, MINIMUM 100mm COVER UNO.
- S3. PIT SIZE:  
TO BE 450x450mm, PITS ARE 600mm OR LESS DEEP TO BE 450x450mm.  
TO BE 600x600mm, PITS ARE GREATER THAN 600mm BUT LESS THAN 1000mm DEEP.
- S4. ALL PIPES TO BE ADVISED.
- S5. ALL PIT FLOORS TO HAVE A MINIMUM OF 20mm FALL, PROFILED AND STEAMLINED (FOR HALF OF THE DEPTH OF THE PIPE) IN THE DIRECTION OF FLOW.
- S6. ALL GRATES ON THE DRIVEWAY TO BE HEAVY DUTY.
- S7. ALL GUTTERS, PITS, PIPES AND DOWNPIPES TO BE INSTALLED IN ACCORDANCE WITH AS3500.3.2.1.
- S8. THE CONNECTION TO COUNCIL'S DRAINAGE SYSTEM SHALL BE CONSTRUCTED PRIOR TO THE CONSTRUCTION OF ALL INTERNAL DRAINAGE. THE COUNCIL ENGINEER BEING GIVEN 48 HOURS NOTICE PRIOR TO CONSTRUCTION.
- S9. DRIVEWAY BOUNDARY LEVEL'S MUST BE CONFIRMED PRIOR TO CONSTRUCTION.

**BASEMENT STORMWATER DRAINAGE PLAN**

SCALE: 1:100

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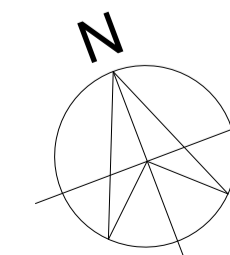
REV	DESCRIPTION	DATE	DRAWN	APP'D
B	UPDATE ARCHITECTURAL PLAN	18.12.2024	KZ	JG
A	ISSUED FOR DA	09.12.2024	KZ	JG

**DRAWING TITLE****BASEMENT STORMWATER DRAINAGE PLAN****PROJECT****LAWFORD STREET, GREENACRE****ADDRESS****No. 65-75, LAWFORD STREET, GREENACRE****CLIENT**

**ALLAM  
PETROLEUM PTY  
LTD**

**ARCHITECT / DESIGNER**

**CRAWFORD  
ARCHITECTS**

**JOB NUMBER:****SSCE-2401-160****DRAWING NUMBER:****SW1****SCALE:****1:100@A1/1:200@A3****REV:****B**

WATERLOO ROAD

LAWFORD STREET

SITE STORMWATER DRAINAGE PLAN

SCALE: 1:100

LEGEND

- DP DOWN PIPE
- FLOW DIRECTION
- PROPOSED STORMWATER PIPES
- STRIP DRAIN
- GRATE PIT
- FW FLOOR WASTE



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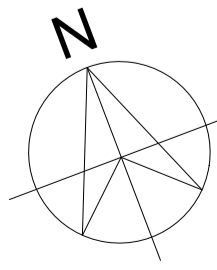
DRAWING TITLE  
SITE STORMWATER DRAINAGE PLAN

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LAWFORD STREET, GREENACRE

ADDRESS  
No. 65-75, LAWFORD STREET, GREENACRE

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ALLAM PETROLEUM PTY LTD

ARCHITECT / DESIGNER  
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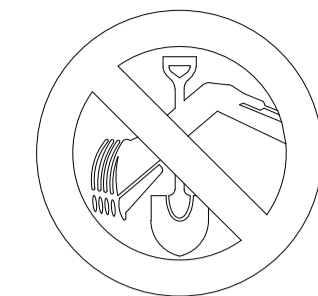


JOB NUMBER:  
SSCE-2401-160

DRAWING NUMBER:  
SW2

SCALE:  
1:100@A1/1:200@A3

REV:  
B

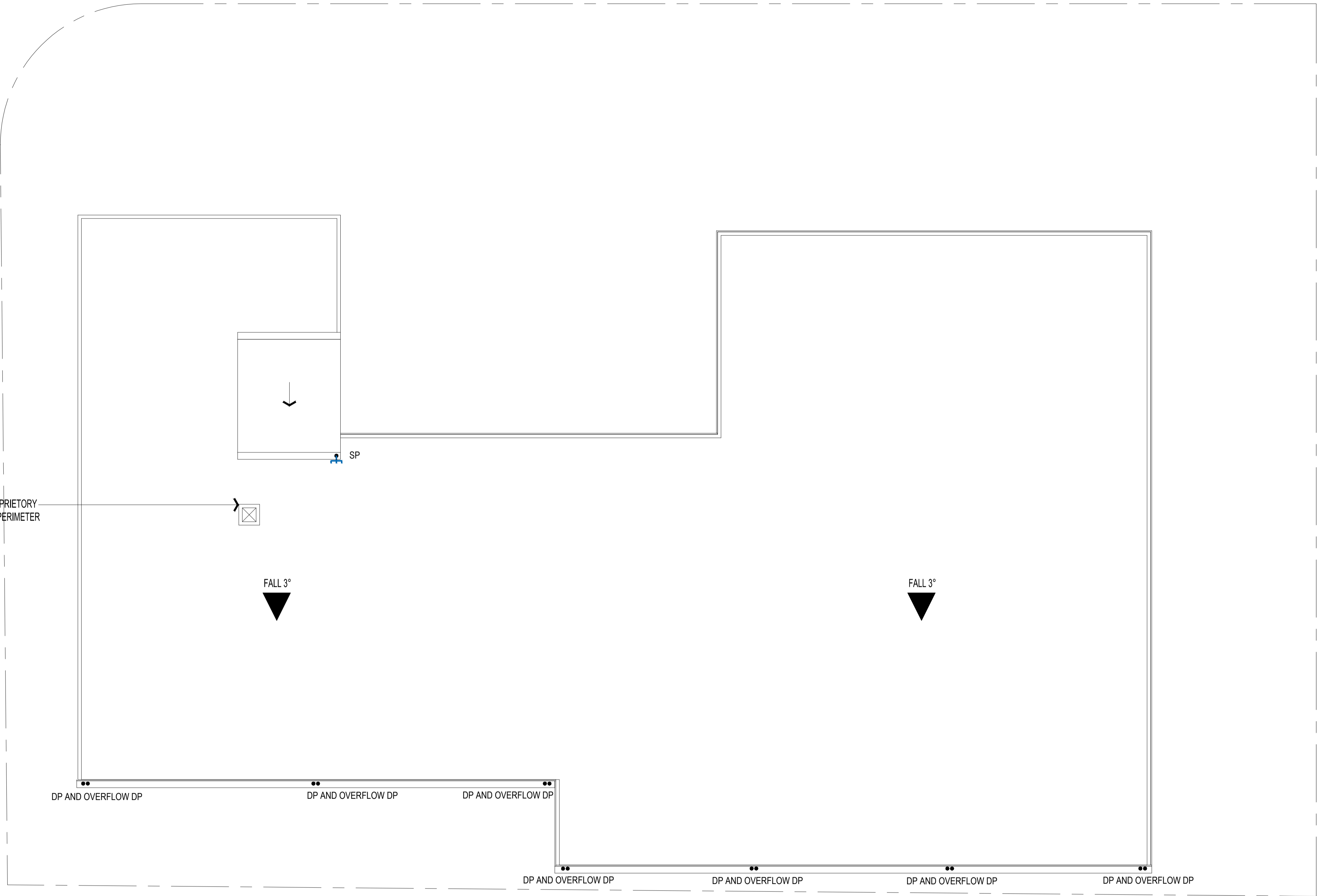


DIAL 1100  
BEFORE YOU DIG

LEGEND

- DP DOWN PIPE
- FLOW DIRECTION
- PROPOSED STORMWATER PIPES
- ▤ STRIP DRAIN
- ▦ GRATE PIT
- FW □ FLOOR WASTE

ACCESS LADDER AND PROPRIETARY  
ACCESS PLATFORM WITH PERIMETER  
HANDRAIL



ROOF STORMWATER DRAINAGE PLAN

SCALE: 1:100

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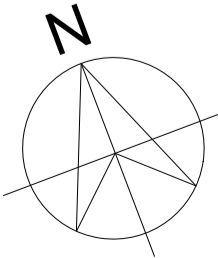
DRAWING TITLE  
ROOF STORMWATER DRAINAGE PLAN

PROJECT  
LAWFORD STREET, GREENACRE

ADDRESS  
No. 65-75, LAWFORD STREET, GREENACRE

CLIENT  
ALLAM  
PETROLEUM PTY  
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ARCHITECT / DESIGNER  
CRAWFORD  
ARCHITECTS



JOB NUMBER:  
SSCE-2401-160

DRAWING NUMBER:  
SW3

SCALE:  
1:100@A1/1:200@A3

REV:  
B



WATERLOO ROAD

ROAD

LAWFORD STREET

STREET

EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1:100

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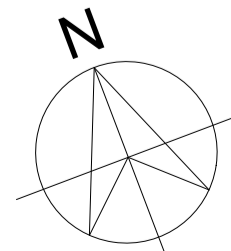
DRAWING TITLE  
EROSION AND SEDIMENT CONTROL PLAN

PROJECT  
LAWFORD STREET, GREENACRE

ADDRESS  
No. 65-75, LAWFORD STREET, GREENACRE

CLIENT  
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JOB NUMBER:  
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DRAWING NUMBER:  
SW5

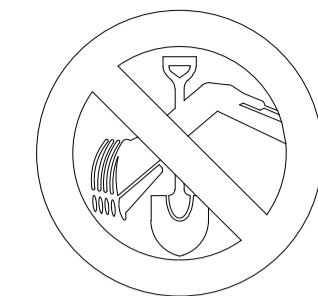
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1:100@A1/1:200@A3

REV:  
B

DON'T SCALE DIMENSIONS

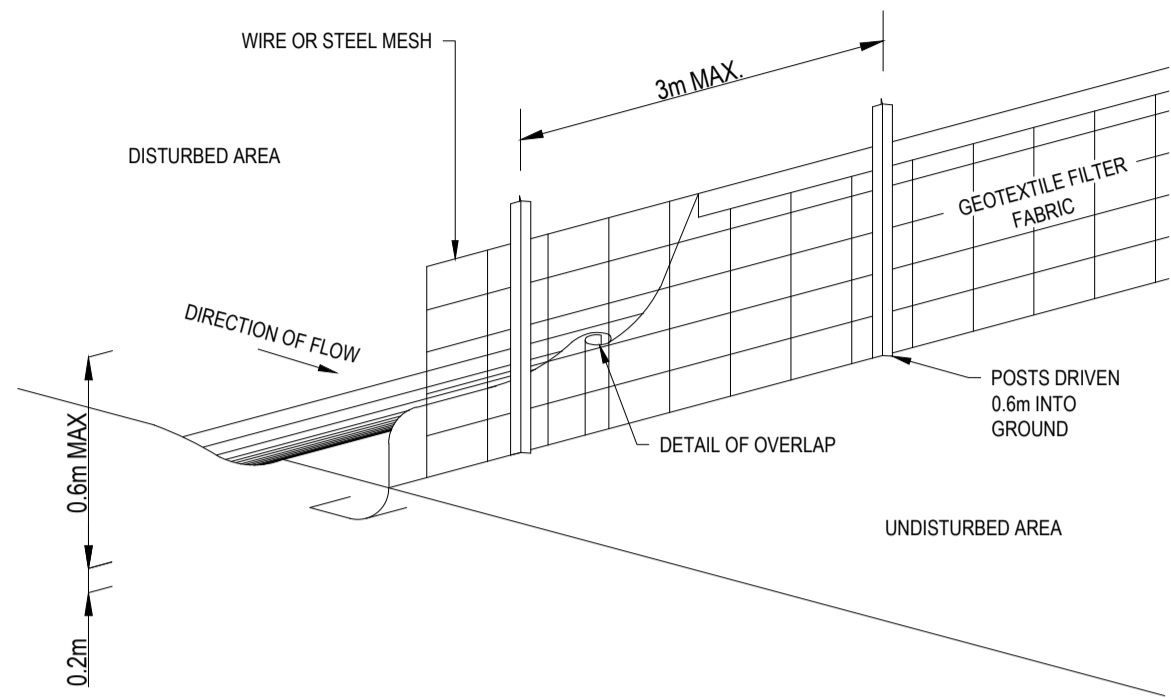
EROSION CONTROL NOTES:

- ALL EROSION & SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH 'MANAGING URBAN STORMWATER, 3rd EDITION' PRODUCED BY THE NSW DEPARTMENT OF HOUSING.
- ALL EROSION AND SILTATION CONTROL DEVICES ARE TO BE PLACED PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORKS, AND ALL SILT TRAPS ARE TO HAVE DEPOSITED SILT REMOVED REGULARLY DURING CONSTRUCTION.
- ALL TREES ARE TO BE PRESERVED UNLESS INDICATED OTHERWISE ON THE ARCHITECT'S OR LANDSCAPE ARCHITECT'S DRAWINGS. EXISTING GRASS COVER SHALL BE MAINTAINED EXCEPT IN AREAS CLEARED FOR BUILDINGS, PAVEMENTS ETC.
- INSTALL TEMPORARY SEDIMENT BARRIERS TO ALL INLET PITS LIKELY TO COLLECT SILT LADEN WATER.
- NOT WITHSTANDING DETAILS SHOWN IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO ENSURE THAT ALL SITE ACTIVITIES COMPLY WITH THE REQUIREMENTS OF THE CLEAN WATERS ACT.



DIAL 1100  
BEFORE YOU DIG

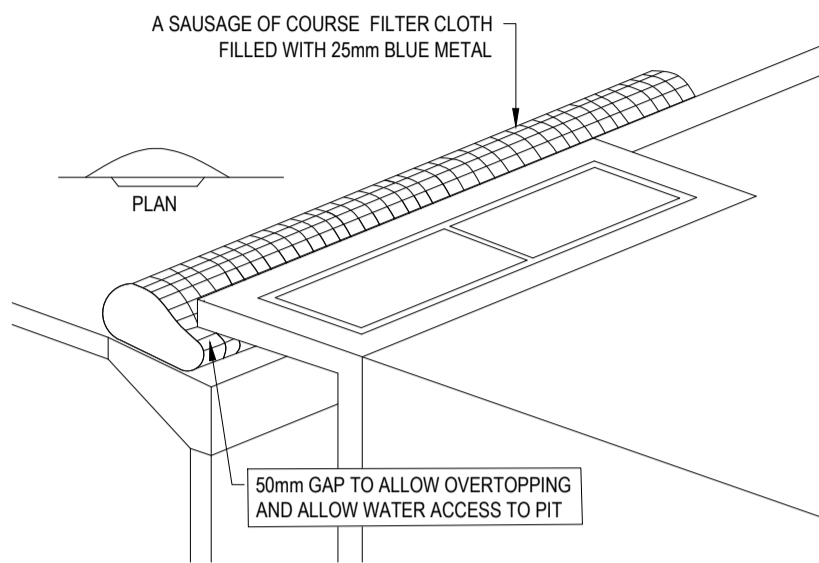
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### SEDIMENT FENCE DETAILS

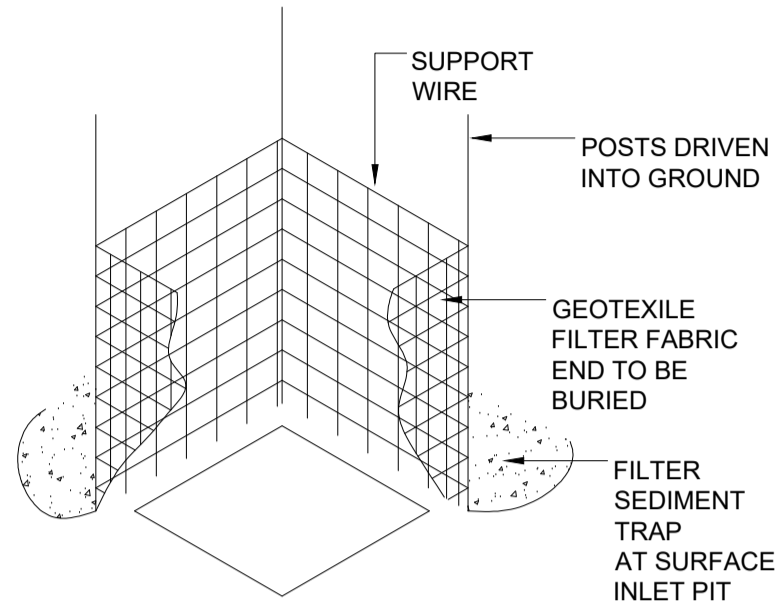
SCALE: NTS  
NOTE: DRAINAGE AREA 0.4Ha MAX. SLOPE GRADIENT 1:2 MAX. SLOPE LENGTH 60m MAX.

- SEDIMENT FENCE NOTE**
1. CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BE PARALLEL TO THE CONTOURS OF THE SITE BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING. TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50 mm/min IN THE DESIGN STORM EVENT. USUALLY THE 10 YEAR EVENT.
  2. CUT A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
  3. DRIVE 1.5 METER LONG STAR PICKETS INTO GROUND AT 2.5 METER INTERVALS (MAX) AT THE DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
  4. FIX SELF-SUPPORTING GEOTEXTILE TO THE UPSLOPE SIDE OF THE POSTS, ENSURING IT GOES TO THE BASE OF THE TRENCH. FIX THE GEOTEXTILE WITH WIRE TIES, OR AS RECOMMENDED BY THE MANUFACTURER. ONLY USE GEOTEXTILE SPECIFICALLY PRODUCED FOR SEDIMENT FENCING. THE USE OF SHADE CLOTH FOR THIS PURPOSE IS NOT SATISFACTORY.
  5. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.
  6. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.



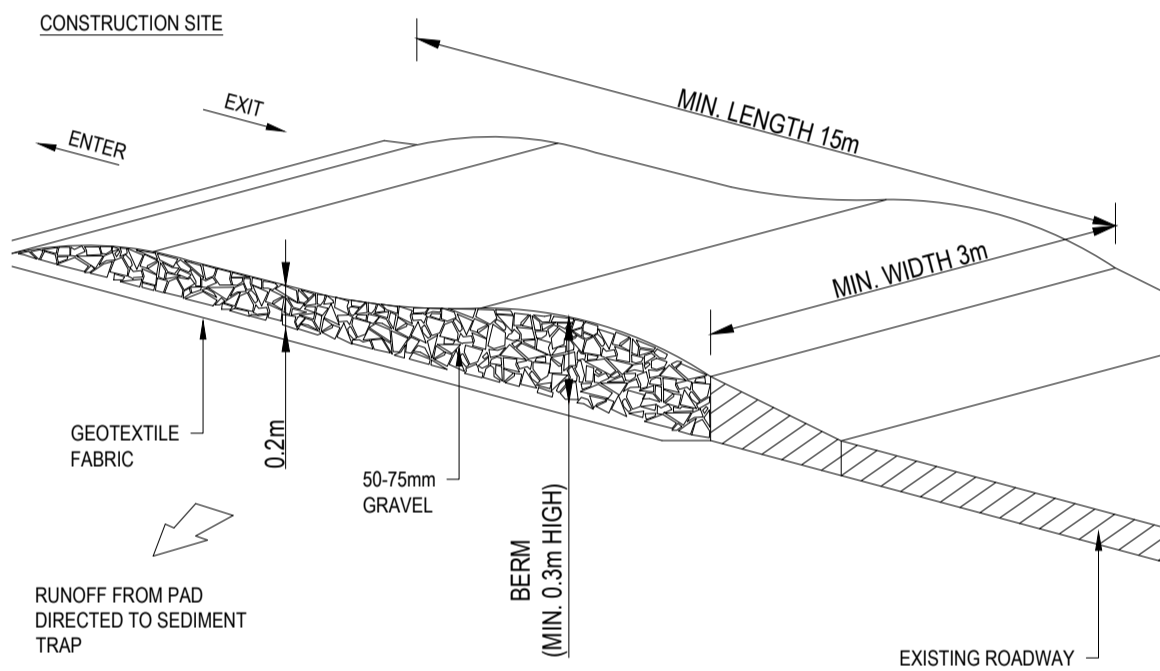
### KERB INLET CONTROL

SCALE: NTS  
NOTE: LOCATIONS TO BE DETERMINED ON SITE BY SUPERINTENDENT



### TYPICAL SEDIMENT TRAP AT SURFACE INLET PIT

SCALE: NTS



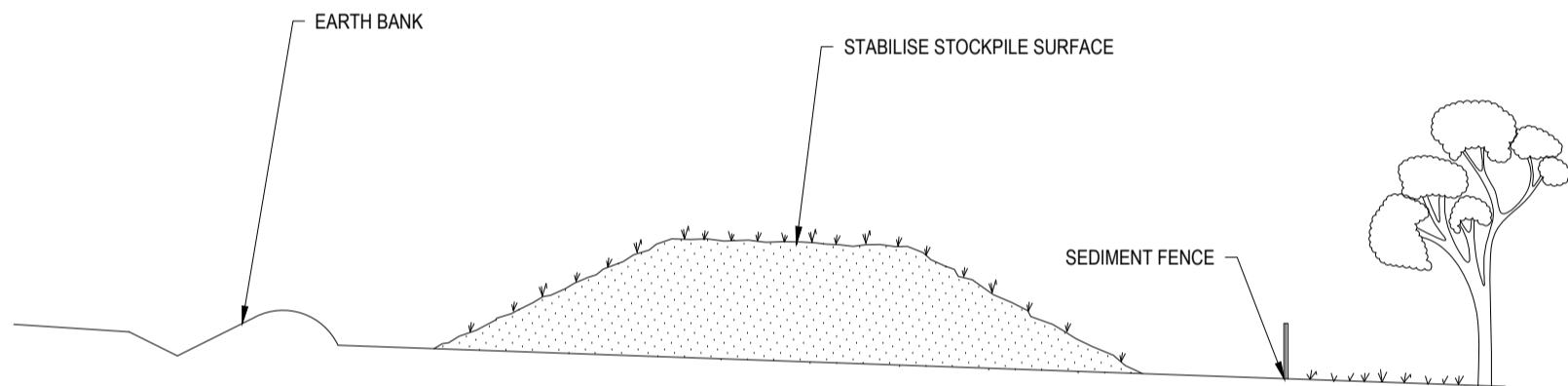
### TEMPORARY CONSTRUCTION EXIT

SCALE: NTS

- CONSTRUCTION NOTES**
1. CONTRACTOR SHALL CONDUCT A DAL BEFORE YOU DIG SEARCH PRIOR TO COMMENCEMENT OF ANY WORK.
  2. ENSURE THAT ALL COUNCIL AND PUBLIC UTILITY ASSETS ARE MAINTAINED AND PROTECTED AT ALL TIMES IN THE VICINITY OF THE TEMPORARY CONSTRUCTION EXIT.
  3. STRIP TOPSOIL AND LEVEL SITE.
  4. COMPACT SUBGRADE.
  5. COVER AREA WITH NEEDLE-PUNCHED GEOTEXTILE.
  6. CONSTRUCT 200mm THICK PAD OVER GEOTEXTILE USING ROADBASE OR 30mm AGGREGATE.
  7. CONSTRUCT HUMP IMMEDIATELY WITHIN BOUNDARY TO DIVERT WATER TO A SEDIMENT FENCE OR OTHER SEDIMENT TRAP WHERE THE SEDIMENT IS COLLECTED AND REMOVED.

**MAINTENANCE NOTES**

THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH PREVENTS TRACKING OR FLOWING OF SEDIMENT OFF THE CONSTRUCTION SITE. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL GRAVEL AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED OFF THE CONSTRUCTION SITE MUST BE REMOVED IMMEDIATELY.



### STOCKPILE

SCALE: NTS

- STOCKPILE**
1. MAINTAIN THE TRENCH FREE OF WATER AND RECOMPACT THE MATERIALS WITH EQUIPMENT AS SPECIFIED IN THE SWMP TO 95% STANDARD PROCTOR DENSITY.
  2. SELECT FILL FOLLOWING THE SWMP THAT IS FREE OF ROOTS, WOOD, ROCK LARGE STONE OR FOREIGN MATERIAL.
  3. SPREAD THE FILL IN 100mm TO 150mm LAYERS AND COMPACT IT AT OPTIMUM MOISTURE CONTENT FOLLOWING THE SWMP.

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