

**SEDIMENT AND EROSION CONTROL PLAN**  
SCALE 1:150

**SOIL AND WATER MANAGEMENT NOTES**

**INTRODUCTORY NOTES**

- THIS IS A CONCEPTUAL SOIL AND WATER MANAGEMENT PLAN (SWMP). IT IS INTENDED TO INDICATE THAT THE CIVIL WORKS REQUIRED FOR THE DEVELOPMENT OF THE SITE CAN BE UNDERTAKEN WITHOUT POLLUTION TO RECEIVING WATERS DURING THE CONSTRUCTION PHASE. THE LOCATIONS, SIZES AND TYPES OF CONTROL MEASURES SHOWN ARE SUGGESTED OPTIONS ONLY.
- ALL REFERENCES OF DETAILS, TESTING AND PROCEDURES ARE TO BE FOLLOWED AS SPECIFIED IN THE DEPARTMENT OF HOUSING "MANAGING URBAN STORMWATER SOILS CONSTRUCTION" MANUAL, MARCH 2004, HERE IN REFERRED TO AS THE "BLUE BOOK".
- THESE CONCEPT PLANS ARE TO BE READ IN CONJUNCTION WITH THE ENGINEERING PLANS AND OTHER PLANS OR WRITTEN INSTRUCTIONS THAT MAY BE ISSUED AND RELATING TO THE DEVELOPMENT OF THE SITE.
- ALL CONTRACTORS SHALL FULLY RESEARCH AND UNDERSTAND THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSTREAM LANDS AND WATERWAYS.

**EROSION CONTROL**

- CLEARLY VISIBLE BARRIER FENCING SHALL BE INSTALLED AT THE DISCRETION OF THE SUPERINTENDENT TO ENSURE TRAFFIC CONTROL AND PROHIBIT UNNECESSARY SITE DISTURBANCE. VEHICULAR ACCESS TO THE SITE SHALL BE LIMITED TO ONLY THOSE ESSENTIAL FOR CONSTRUCTION WORK AND THEY SHALL ENTER SITE ONLY THROUGH THE STABILISED ACCESS POINTS.
- WHERE PRACTICAL, FOOT AND VEHICULAR TRAFFIC WILL BE KEPT AWAY FROM ALL RECENTLY STABILISED AREAS.
- AT ALL TIMES, AND IN PARTICULAR DURING WINDY AND DRY WEATHER, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.

**SEDIMENT CONTROL**

- WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE (I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED/STABILISED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE). PROVIDE FLOCCULANT TO EARTH BASIN AS REQ'D.
- TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE STABILISED/REHABILITATED.

**OTHER MATTERS**

- ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING PLAN WILL BE PROTECTED FROM CONSTRUCTION ACTIVITIES BY:
  - PROTECTING THEM WITH BARRIER FENCING OR SIMILAR MATERIALS INSTALLED OUTSIDE THE DRIP LINE.
  - ENSURING THAT NOTHING IS NAILED TO THEM.
  - PROHIBITING PAVING, GRADING, SEDIMENT WASH OR PLACING OF STOCKPILES WITHIN THE DRIP LINE.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED TO ENSURE THAT THEY OPERATE EFFECTIVELY. REPAIRS AND OR MAINTENANCE SHALL BE UNDERTAKEN REGULARLY AND AS REQUIRED, PARTICULARLY FOLLOWING STORM EVENTS.
- THE CONTRACTOR SHALL PROVIDE ALL MONITORING CONTROLS & TESTING.
- SITE REVEGETATION AND REHABILITATION SHALL BE UNDERTAKEN AS SOON AS PRACTICABLE THROUGHOUT CONSTRUCTION OPERATIONS.
- CONSTRUCTION SHALL BE PROGRAMMED SO THAT THE TIME OF EXPOSURE OF WORKING SURFACES IS MINIMISED.
- ALL SPOIL DEPOSITED DURING CARTAGE OF MATERIALS FROM OR TO THE SITE SHALL BE REMOVED IMMEDIATELY TO THE SATISFACTION OF COUNCIL (PUBLIC ROADS) AND THE OWNER (PRIVATE ROADS).
- WHERE REQUIRED GUTTERS AND ROADWORKS SHALL BE SWEEPED REGULARLY TO MAINTAIN THEM FREE FROM SEDIMENT.

**LEGEND**

- PROPOSED SEDIMENT FENCE
- SITE BOUNDARY
- DENOTES SANDBAG SEDIMENT TRAP

**NOTE:**  
REFER DRAWING C05 FOR SEDIMENT CONTROL DETAILS.

No.	REVISION	DATE
1	ISSUED FOR AUTHORITY APPROVAL	23-11-21

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ARCHITECT  
**PLATFORM ARCHITECTS**

CLIENT  
**ALLEN GROUP DEVELOPMENTS**

PROJECT  
**NEW APARTMENTS  
33-35 FAIRLIGHT STREET  
FAIRLIGHT NSW**

TITLE  
**SEDIMENT AND EROSION  
CONTROL PLAN**

DRAWN	DESIGNED	REVIEWED	DATE	SCALE
KKH	NN	SCM	NOV 2021	1:150 AT A1
JOB No.	5631	DRAWING No.	C04	1 ISSUE

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AVENUE

CLIFFORD

EXISTING MAINS

CONSTRUCT NEW PIT OVER EXISTING COUNCIL STORMWATER DRAINAGE LINE TO COUNCIL REQUIREMENTS

NEW DRAINAGE LINE IN EASEMENT TO BE CONSTRUCTED PRIOR TO EARTHWORKS OF 33-35 FAIRLIGHT STREET.

20 SECTION B D.P. 3742

SEDIMENT FENCE REFER DETAIL ON DWG. C05

S.P. 20752 ONE & TWO STOREY RENDERED & STONE UNITS TILE ROOF

1000 WIDE ENCASEMENT TO FUTURE DETAIL (OPTION 3)

FUTURE OSD TANK

PROPOSED BUILDING

TEMPORARY CONSTRUCTION BERM

REFER DRAWING C07 FOR CONCRETE DRIVEWAY NOTES AND DETAILS

BENCHMARK CUT ON KERB RL 48.50 A.H.D.

TEMPORARY CONSTRUCTION ACCESS

SEDIMENT AND EROSION CONTROL PLAN SCALE 1:150

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(A) PROTECTING THEM WITH BARRIER FENCING OR SIMILAR MATERIALS INSTALLED OUTSIDE THE DRIP LINE.
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7. WHERE REQUIRED GUTTERS AND ROADWORKS SHALL BE SWEEPED REGULARLY TO MAINTAIN THEM FREE FROM SEDIMENT.

LEGEND

- PROPOSED SEDIMENT FENCE
SITE BOUNDARY
DENOTES SANDBAG SEDIMENT TRAP

NOTE: REFER DRAWING C05 FOR SEDIMENT CONTROL DETAILS.

Table with 3 columns: No., REVISION, DATE. Row 1: 1 ISSUED FOR AUTHORITY APPROVAL 23-11-21. Row 2: 2 FUTURE OSD TANK RELOCATED 06-12-21.

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ARCHITECT: PLATFORM ARCHITECTS

CLIENT: ALLEN GROUP DEVELOPMENTS

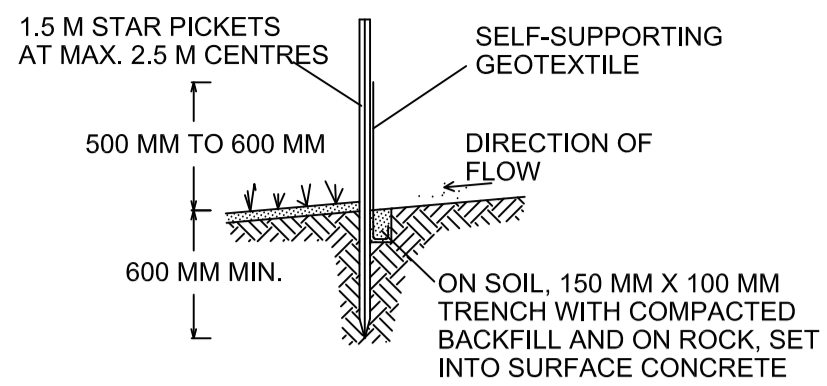
PROJECT: NEW APARTMENTS 33-35 FAIRLIGHT STREET FAIRLIGHT NSW

TITLE: SEDIMENT AND EROSION CONTROL PLAN

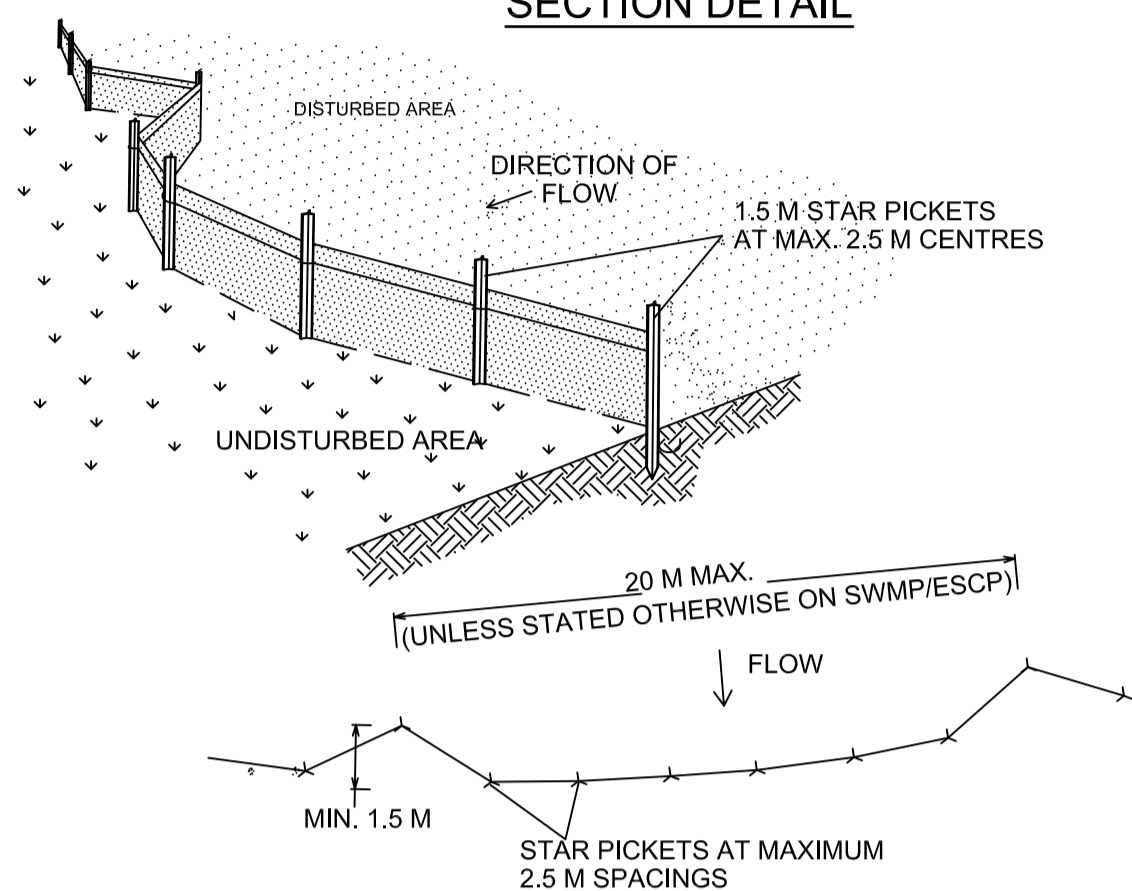
Table with 5 columns: DRAWN (KKH), DESIGNED (NN), REVIEWED (SCM), DATE (NOV 2021), SCALE (1:150 AT A1). Row 2: JOB No. 5631, DRAWING No. C04, 2 ISSUE.

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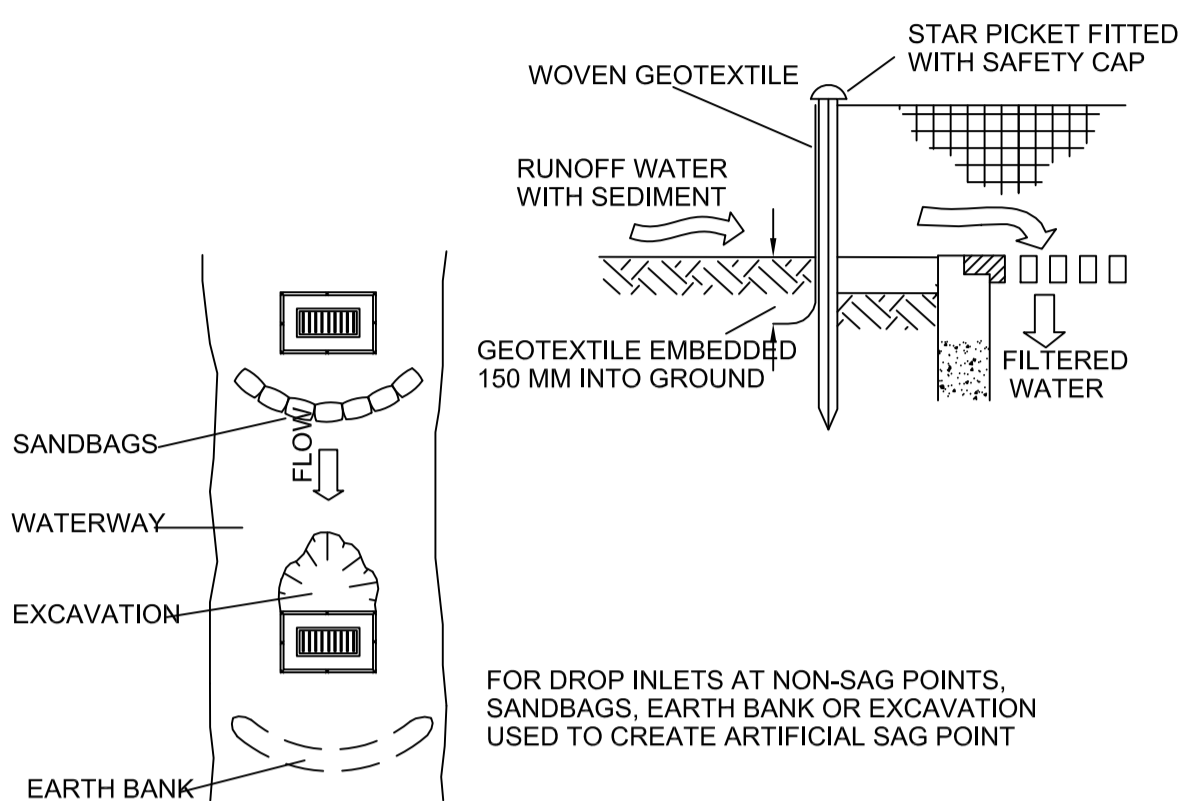
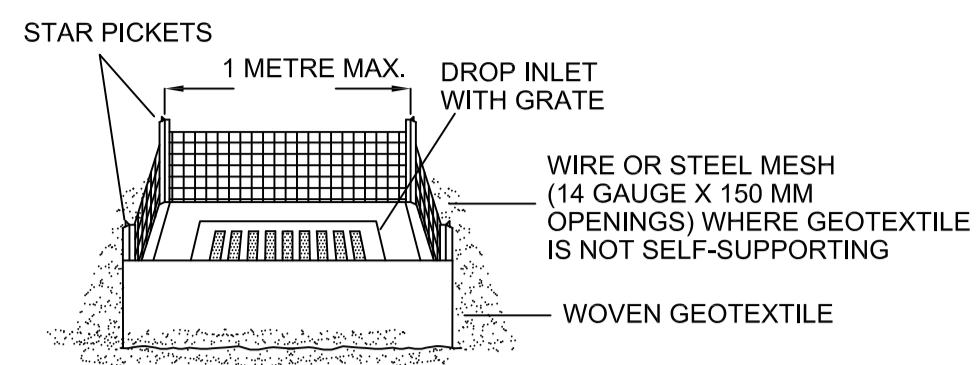


SECTION DETAIL



**SEDIMENT FENCE CONSTRUCTION NOTES:**

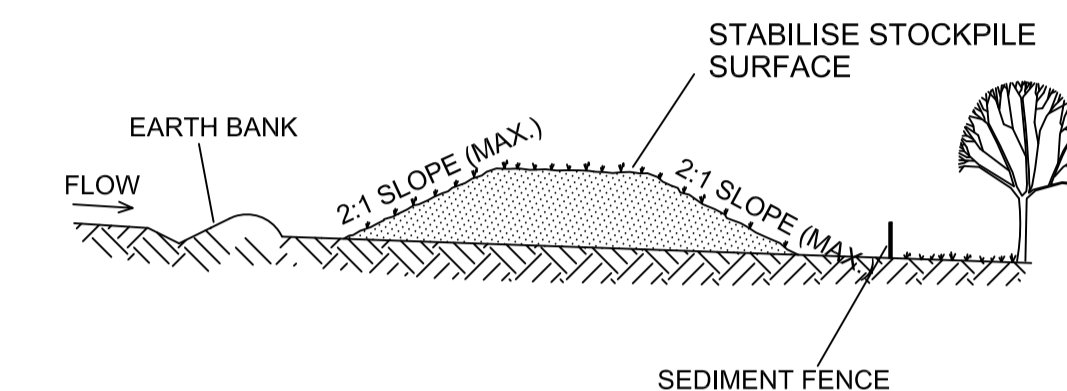
1. CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50 LITRES PER SECOND IN THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT.
2. CUT A 150-MM DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
3. DRIVE 1.5 METRE LONG STAR PICKETS INTO GROUND AT 2.5 METRE 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 150-MM OVERLAP.
6. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.



FOR DROP INLETS AT NON-SAG POINTS, SANDBAGS, EARTH BANK OR EXCAVATION USED TO CREATE ARTIFICIAL SAG POINT

**GEOTEXTILE INLET FILTER CONSTRUCTION NOTES:**

1. FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES.
2. FOLLOW STANDARD DRAWING 6-7 AND STANDARD DRAWING 6-8 FOR INSTALLATION PROCEDURES FOR THE STRAW BALES OR GEOFABRIC. REDUCE THE PICKET SPACING TO 1 METRE CENTRES.
3. IN WATERWAYS, ARTIFICIAL SAG POINTS CAN BE CREATED WITH SANDBAGS OR EARTH BANKS AS SHOWN IN THE DRAWING.
4. DO NOT COVER THE INLET WITH GEOTEXTILE UNLESS THE DESIGN IS ADEQUATE TO ALLOW FOR ALL WATERS TO BYPASS IT.



**STOCKPILES**

LOCATION OF STOCKPILES TO BE CONFIRMED ON SITE.

**CONSTRUCTION NOTES:**

1. PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.
2. CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
3. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METRES IN HEIGHT.
4. WHERE THEY ARE TO BE IN PLACE FOR MORE THAN 10 DAYS, STABILISE FOLLOWING THE APPROVED ESCP OR SWMP TO REDUCE THE C-FACTOR TO LESS THAN 0.10.
5. CONSTRUCT EARTH BANKS (STANDARD DRAWING 5-5) ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCES (STANDARD DRAWING 6-8) 1 TO 2 METRES DOWNSLOPE.

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CONSULT AUSTRALIA  
Member Firm  
Member of AUSTRALIAN STEEL INSTITUTE  
ACSE  
REGISTERED USE

ARCHITECT  
**PLATFORM ARCHITECTS**

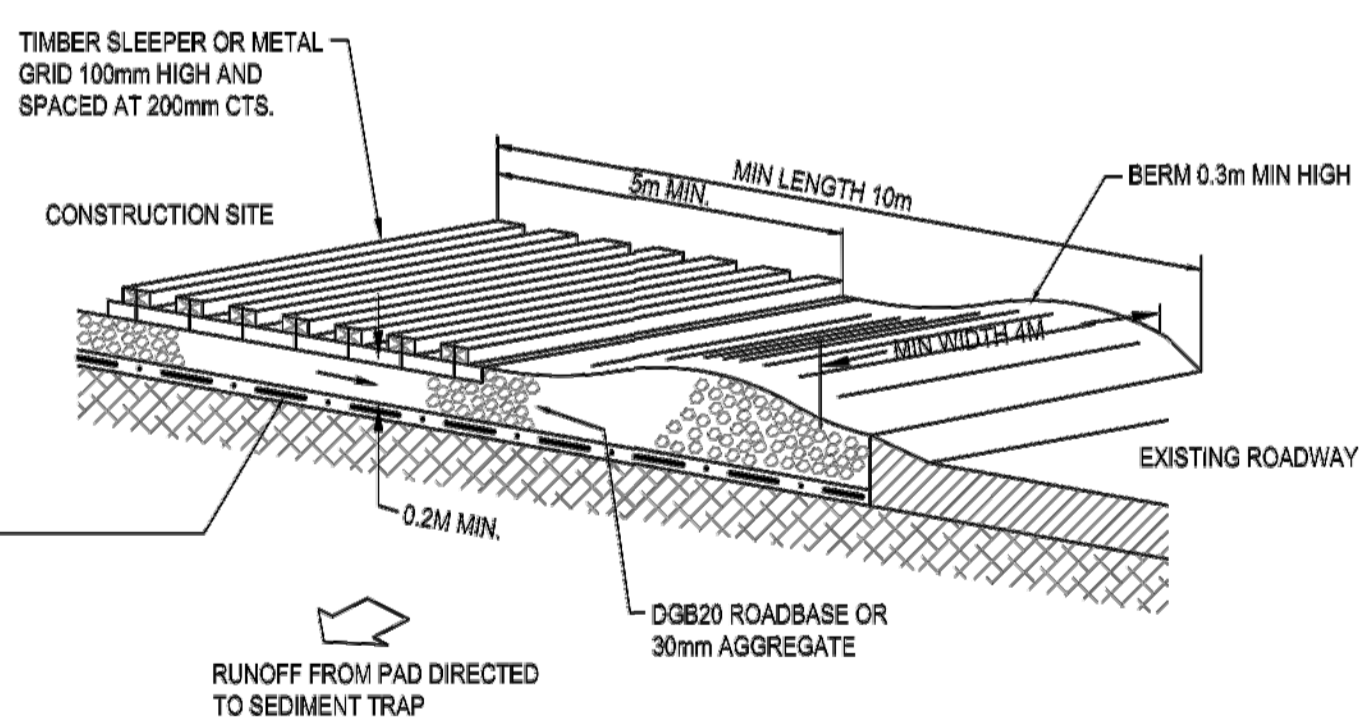
CLIENT  
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PROJECT  
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33-35 FAIRLIGHT STREET  
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TITLE  
**SEDIMENT AND EROSION CONTROL DETAILS**

DRAWN KKH	DESIGNED NN	REVIEWED SCM	DATE NOV 2021	SCALE NTS
JOB No. <b>5631</b>	DRAWING No. <b>C05</b>		1 ISSUE	

NOTE:  
ENSURE THAT ALL COUNCIL AND PUBLIC UTILITY ASSETS ARE MAINTAINED AND PROTECTED AT ALL TIMES IN THE VICINITY OF THE TEMPORARY CONSTRUCTION EXIT



GEOTEXTILE FABRIC DESIGNED TO PREVENT INTERMIXING OF SUBGRADE AND BASE MATERIALS AND TO MAINTAIN GOOD PROPERTIES OF THE SUB-BASE LAYERS. GEOTEXTILE MAY BE WOVEN OR NEEDLE PUNCHED PRODUCT WITH A MINIMUM CBR BURST STRENGTH (AS3706.4-90) OF 2600N.

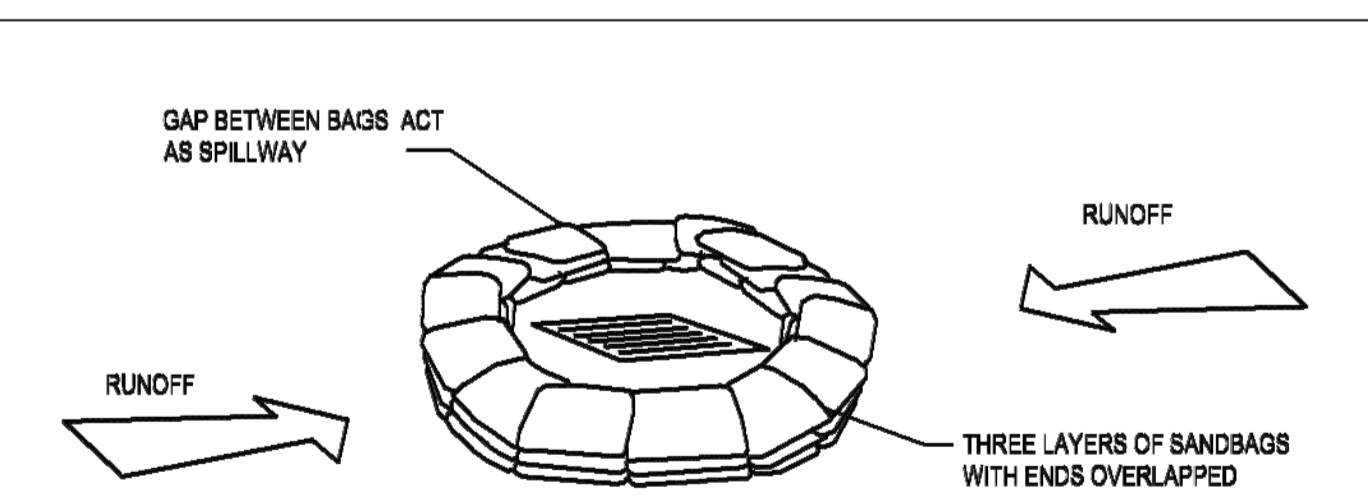
**CONSTRUCTION NOTES**

1. STRIP TOPSOIL AND LEVEL SITE.
2. COMPACT SUBGRADE.
3. COVER AREA WITH NEEDLE-PUNCHED GEOTEXTILE.
4. CONSTRUCT 200MM THICK PAD OVER GEOTEXTILE USING ROADBASE OR 30MM AGGREGATE.
5. 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.

**TEMPORARY CONSTRUCTION ACCESS**  
NTS



**SANDBAG SEDIMENT TRAP - AT OTHER THAN KERB SAG PIT**

**SANDBAG SEDIMENT TRAP DETAILS**  
NTS

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