

#### SUPER SILT FENCE DESIGN CRITERIA:

SLOPE STEEPNESS %	SLOPE LENGTH (m) (MAXIMUM)	SPACING OF RETURNS (m)
0-10%	UNLIMITED	60
10-20%	60	50
20-33%	30	40
33-50%	30	30
>50%	15	20

#### SUPER SILT FENCE CONSTRUCTION

# STABILISED CONSTRUCTION ENTRANCE SPECIFICATIONS:

#### APPLICATION

USE A STABILISED CONSTRUCTION ENTRANCE AT ALL POINTS OF CONSTRUCTION SITE INGRESS AND EGRESS WITH A CONSTRUCTION PLAN LIMITING TRAFFIC TO THESE ENTRANCES ONLY. THEY ARE PARTICULARLY USEFUL ON SMALL CONSTRUCTION SITES BUT CAN BE UTILISED FOR ALL

#### DESIGN:

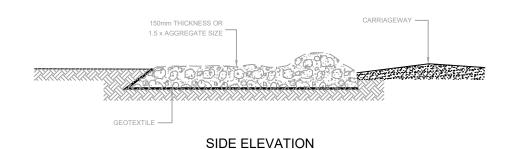
- 1. CLEAR THE ENTRANCE AND EXIT AREA OF ALL VEGETATION, ROOTS AND OTHER UNSUITABLE MATERIAL AND PROPERLY GRADE IT.
- 2. LAY WOVEN GEOTEXTILE; PIN DOWN EDGES AND OVERLAP JOINTS.
- 3. PROVIDE DRAINAGE TO CARRY RUNOFF FROM THE STABILISED CONSTRUCTION ENTRANCE TO A SEDIMENT CONTROL MEASURE
- 4. PLACE AGGREGATE TO THE SPECIFICATIONS BELOW AND SMOOTH IT.

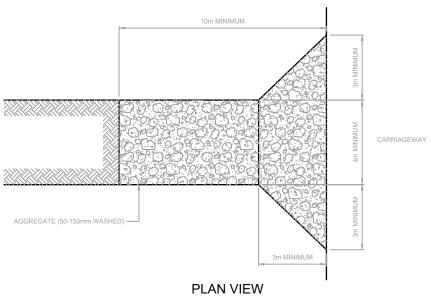
STABILISED CONSTRUCTION ENTRANCE AGGREGATE SPECIFICATIONS:

AGGREGATE SIZE	5-150mm WASHED AGGREGATE
THICKNESS	150mm MINIMUM OR 1.5 X AGGREGATE SIZE
LENGTH	10m MINIMUM LENGTH RECOMMENDED
WIDTH	4m MINIMUM

#### MAINTENANCE

- MAINTAIN THE STABILISED CONSTRUCTION ENTRANCE IN A CONDITION TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. AFTER EACH RAINFALL INSPECT ANY STRUCTURE USED TO TRAP SEDIMENT FROM THE STABILISED CONSTRUCTION ENTRANCE AND CLEAN OUT AS NECESSARY.
- 2. WHEN WHEEL WASHING IS ALSO REQUIRED, ENSURE THIS IS DONE ON AN AREA STABILISED WITH AGGREGATE WHICH DRAINS TO AN APPROVED SEDIMENT RETENTION FACILITY.





# STABILISED CONSTRUCTION ENTRANCE

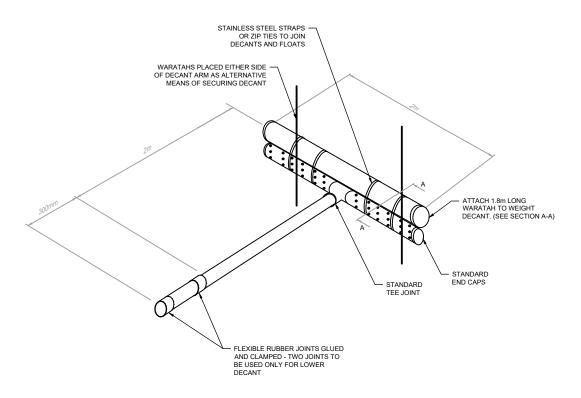
VINEWAY LTD

DELMORE 53A, 53B & 55 RUSSELL ROAD OREWA

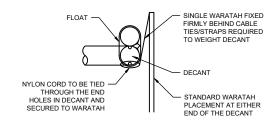
**EARTHWORKS EROSION AND SEDIMENT CONTROL DETAILS** SHEET 1

PURPOSE OF ISSUE: RESOURCE CONSENT SCALE: NTS DO NOT SCALE DRAWING NO: 3725-1-2900

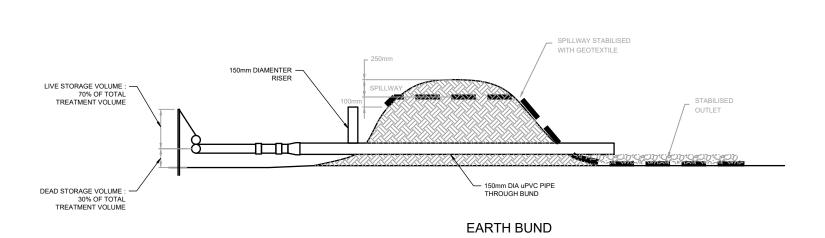
MCKENZIE & CO.

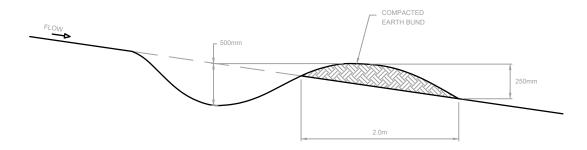


# DECANT WITH UPSTAND FOR DECANTING EARTH BUND

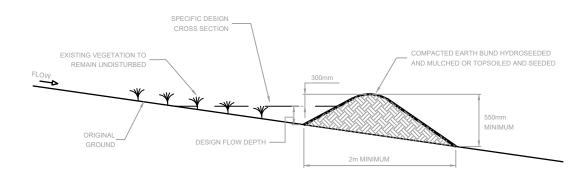


# **SECTION A-A**

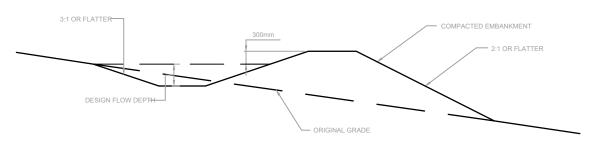




## **CONTOUR DRAIN**



# CLEANWATER RUNOFF DIVERSION BUND - CROSS SECTION



RUNOFF DIVERSION BUND - CROSS SECTION

MCKENZIE & CO.

VINEWAY LTD

DELMORE 53A, 53B & 55 RUSSELL ROAD OREWA EARTHWORKS
EROSION AND SEDIMENT
CONTROL DETAILS
SHEET 2

PURPOSE OF ISSUE:

RESOURCE CONSENT

SCALE:

NTS

DO NOT SCALE

DRAWING NO:

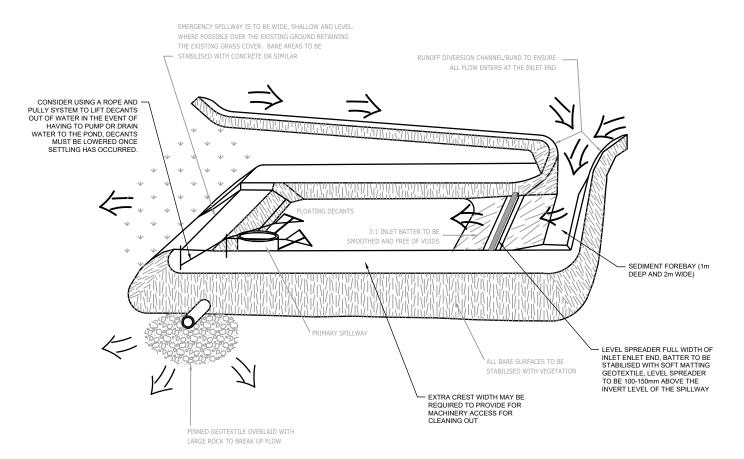
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3725–1–2901

A

A FIRST ISSUE

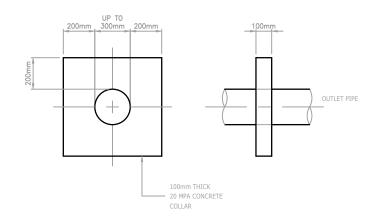
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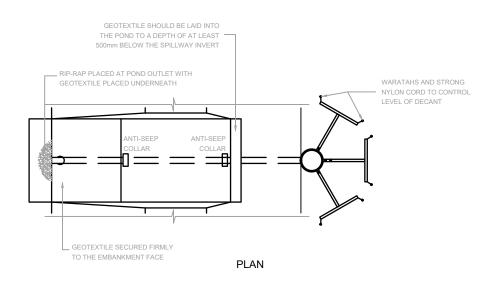
#### UPPER DECANT OPERATES OVER TOP 1/3 OF MINIMUM FREEBOARD 300mm -LIVE STORAGE ONLY MIDDLE DECANT OPERATES OVER TOP 2/3 OF LIVE STORAGE ONLY ENOUGH TO ENSURE MACHINERY ACCESS FOR DE-SLUDGING OF POND, IF THERE ARE NO REQUIRE WEIGHTING OR ANCHORING TO PREVENT LOWER DECANT OPERATES OVER FULL DEPTH SPILLWAY COMPACTED AND SMOOTHED TO OF LIVE STORAGE UP ELIMINATE ALL VOIDS PRIOR TO LAYING AND TO 1500mm PINNING APPROPRIATE GEOTEXTILE/CONCRETE POND BATTERS 2:1 OR 3: 300mm DIAMETER DISCHARGE PIPE 500mm DEAD LAID AT 1 OR 2% GRADIEN WARATAH STAKES REQUIRED FOR ALL DETAILS ANTI-SEEP COLLAR REFER DECANT DETAIL LOWEST INLET PIPE TO RISER IS ANGLED UPWARD AT 15° TO EASE TENSION ON FLEXIBLE JOINT

**CROSS SECTION** 

# SEDIMENT RETENTION POND



#### ANTI-SEEP COLLAR



### SEDIMENT RETENTION POND

#### NUMBER OF DECANTS FOR EACH POND SHALL BE AS FOLLOWS:

I) UP TO 1.5HA CATCHMENT - 1 DECANT II) 1.5-3.0HA CATCHMENT - 2 DECANTS III) 3 TO 5 HA CATCHMENT - 3 DECANTS

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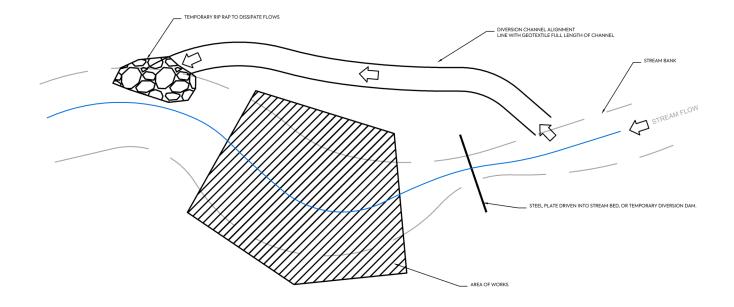
DELMORE 53A, 53B & 55 RUSSELL ROAD OREWA

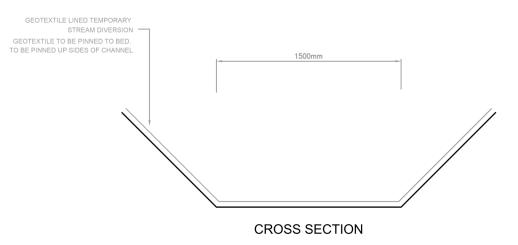
**EARTHWORKS EROSION AND SEDIMENT** CONTROL DETAILS SHEET 3

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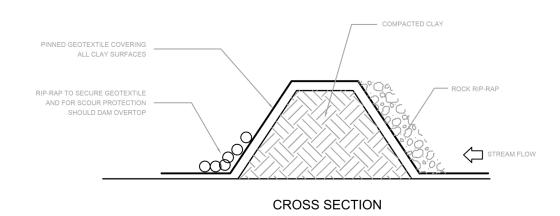
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3725-1-2902

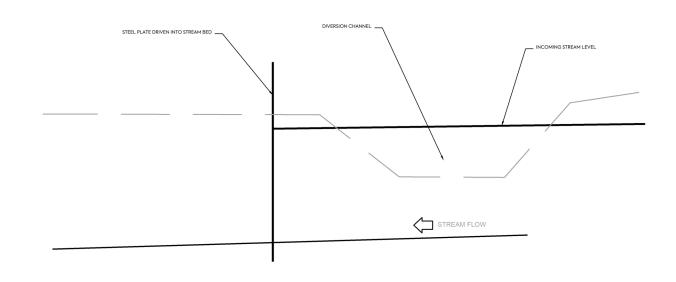




# TEMPORARY STREAM DIVERSION DETAIL



TEMPORARY WATERCOURSE DIVERSION DAM DETAIL TEMPORARY WATERCOURSE DIVERSION DAM DETAIL



TEMPORARY WATERCOURSE DIVERSION STEEL PLATE DETAIL

MCKENZIE & CO.

VINEWAY LTD

DELMORE 53A, 53B & 55 RUSSELL ROAD OREWA

**EARTHWORKS EROSION AND SEDIMENT** CONTROL DETAILS SHEET 4

PURPOSE OF ISSUE: RESOURCE CONSENT SCALE: DO NOT SCALE DRAWING NO: 3725-2903