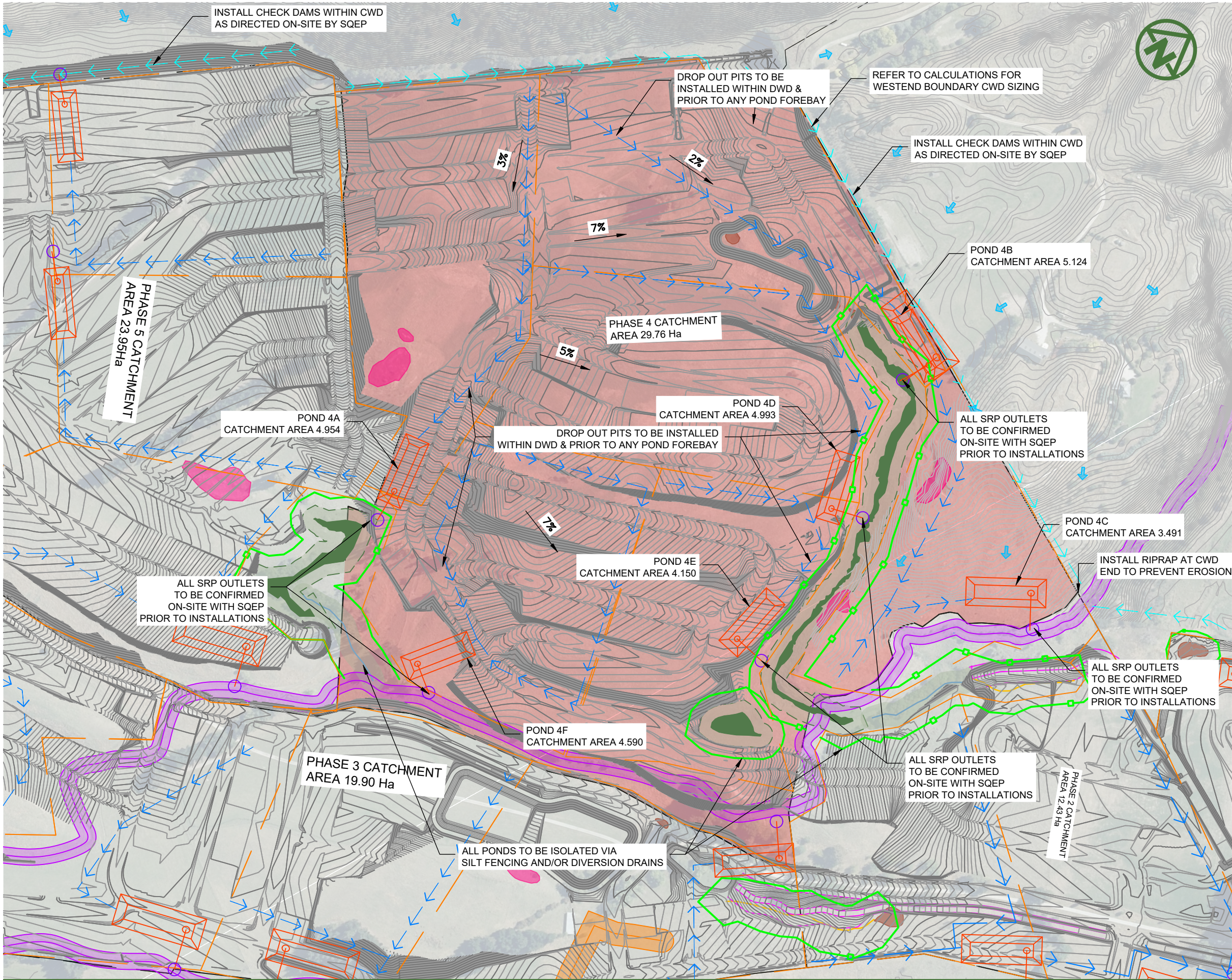




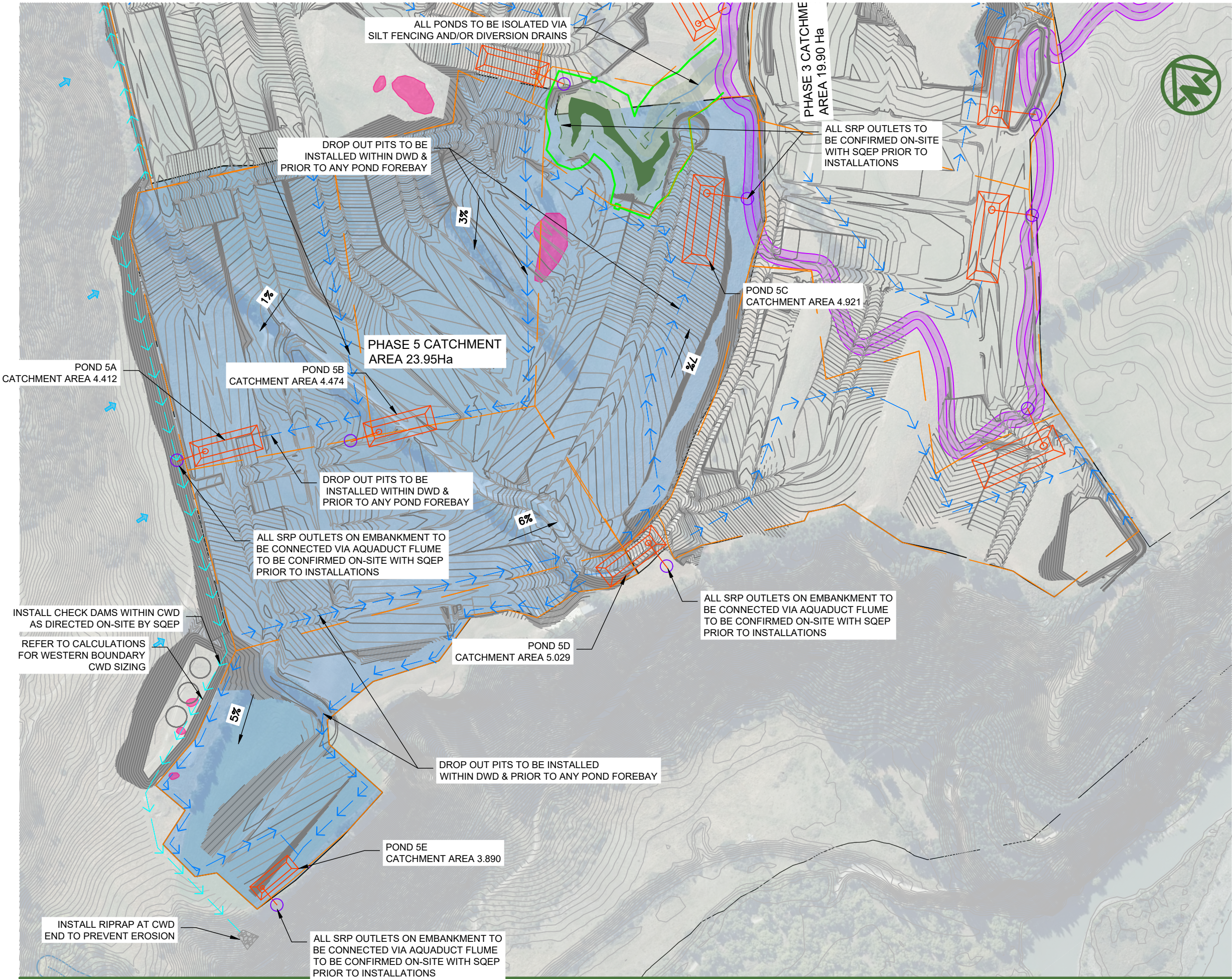
NOTES:

1. REFER TO NOTES IN DRAWING 2301

LEGEND:

CATCHMENT BOUNDARY	
SILT FENCE	
SUPER SILT FENCE	
STABILISED ENTRANCE	
EXISTING CONTOURS (0.2m INCREMENT)	
PROPOSED MAJOR CONTOURS (1.0m INCREMENT)	
PROPOSED MINOR CONTOURS (0.1m INCREMENT)	
PROPOSED SEDIMENT EROSION CONTROL POND	
PROPOSED DIRTY WATER DIVERSION BUND	
PROPOSED CLEAN WATER DIVERSION BUND	
PROPOSED HAUL ROADS	
PROPOSED WATER SAMPLING POINTS	
FLOW ARROWS	
LIZARD HABITAT	

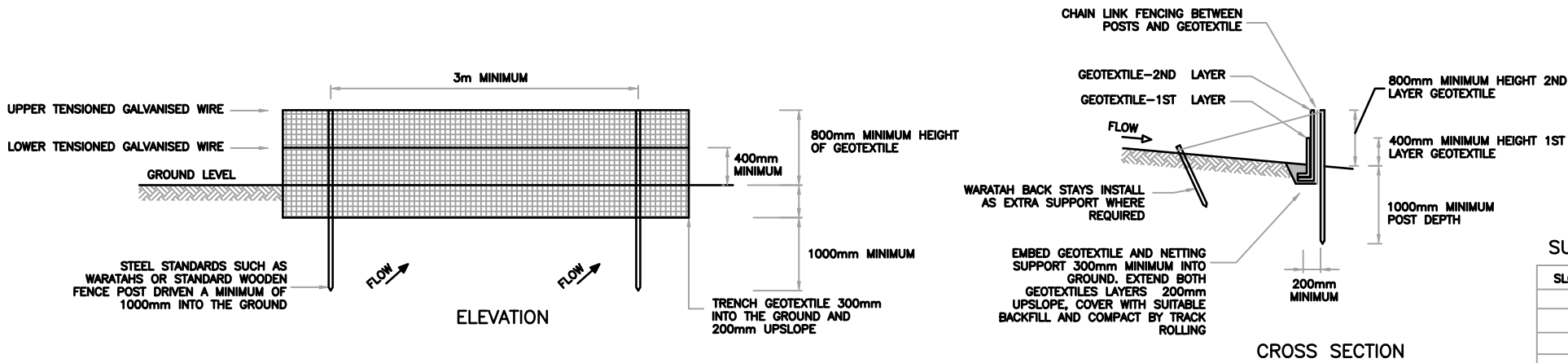
- NOTES:**
1. REFER TO NOTES IN DRAWING 2301
 2. ALL NATURAL WATER CHANNELS, PONDS AND WETLANDS TO BE ISOLATED VIA SILT FENCING AND/OR STABILIZED DIVERSIONS AS DIRECTED ON-SITE.
 3. LIZARD MANAGEMNT PLAN TO BE IMPLEMENTED PRIOR TO EARTHWORKS
 4. DROP OUT PITS TO BE INSTALLED PRIOR TO ANY FOREBAY
 5. ALL SRP OUTLETS TO BE CONFIRMED ON-SITE WITH SQEP PRIOR TO INSTALLATIONS



LEGEND:

CATCHMENT BOUNDARY	Orange line
SILT FENCE	Orange line with circles
SUPER SILT FENCE	Green line with squares
STABILISED ENTRANCE	Black textured rectangle
EXISTING CONTOURS (0.2m INCREMENT)	Grey line with '1'
PROPOSED MAJOR CONTOURS (1.0m INCREMENT)	Grey line with '22.0'
PROPOSED MINOR CONTOURS (0.1m INCREMENT)	Grey line with '22.1'
PROPOSED SEDIMENT EROSION CONTROL POND	Orange rectangle with internal lines
PROPOSED DIRTY WATER DIVERSION BUND	Blue line with arrows
PROPOSED CLEAN WATER DIVERSION BUND	Cyan line with arrows
PROPOSED HAUL ROADS	Black dashed line
PROPOSED WATER SAMPLING POINTS	Purple circle
FLOW ARROWS	Blue arrow
LIZARD HABITAT	Pink shaded area

- NOTES:**
- REFER TO NOTES IN DRAWING 2301
 - ALL NATURAL WATER CHANNELS, PONDS AND WETLANDS TO BE ISOLATED VIA SILT FENCING AND/OR STABILIZED DIVERSIONS AS DIRECTED ON-SITE.
 - LIZARD MANAGEMNT PLAN TO BE IMPLIMENTED PRIOR TO EARTHWORKS
 - DROP OUT PITS TO BE INSTALLED PRIOR TO ANY FOREBAY
 - ALL SRP OUTLETS TO BE CONFIRMED ON-SITE WITH SQEP PRIOR TO INSTALLATIONS



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

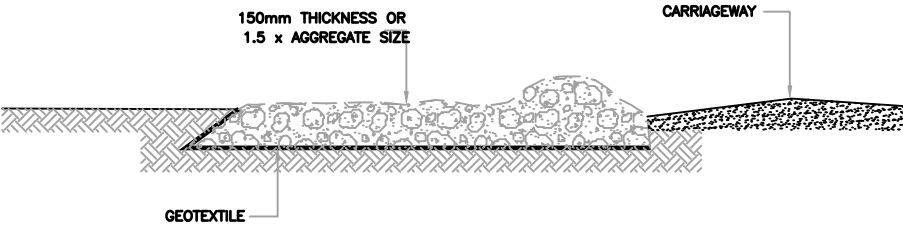
USE A STABILISED CONSTRUCTION ENTRANCE AT ALL POINTS OF CONSTRUCTION SITE INGRESS AND EGRESS WITH A CONSTRUCTION PLAN LIMITING TRAFFIC TO THESE ENTRANCES ONLY. THEY ARE PARTICULARLY USEFUL ON SMALL CONSTRUCTION SITES BUT CAN BE UTILISED FOR ALL PROJECTS.

- 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.

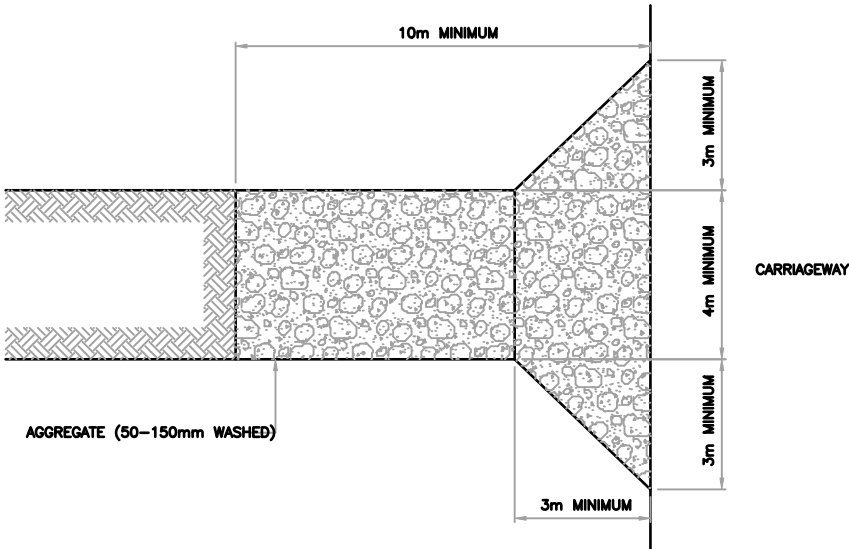
STABILISED CONSTRUCTION ENTRANCE AGGREGATE SPECIFICATIONS:

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

- MAINTENANCE
1. 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.

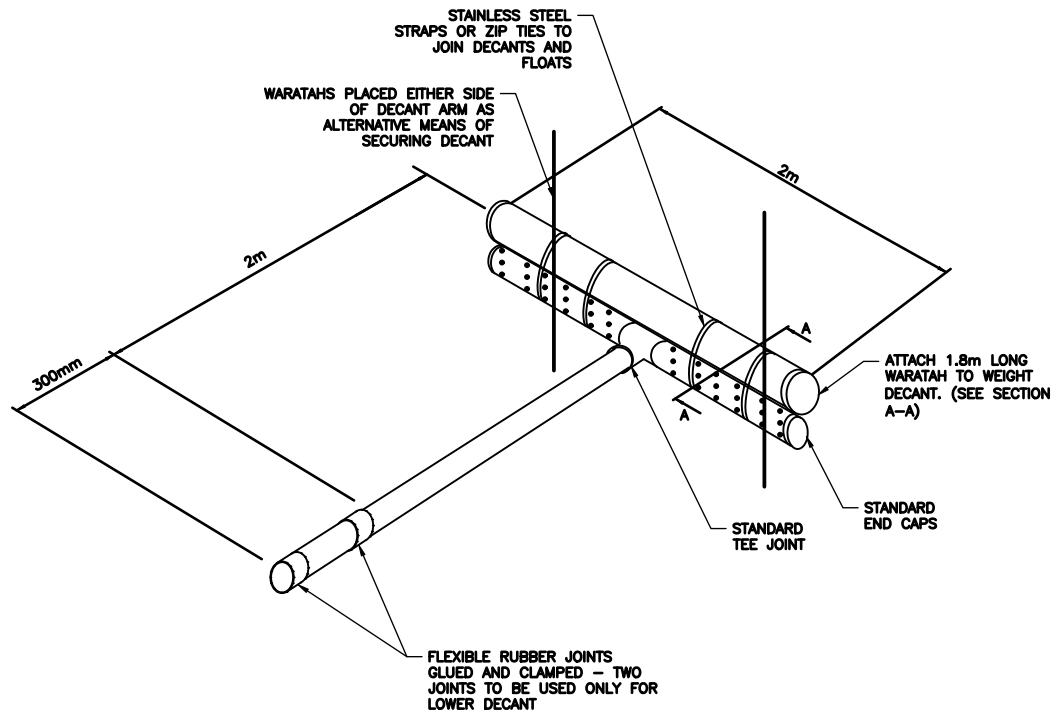


SIDE ELEVATION

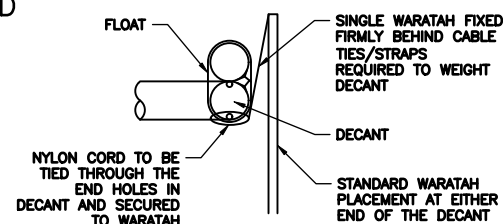


PLAN VIEW

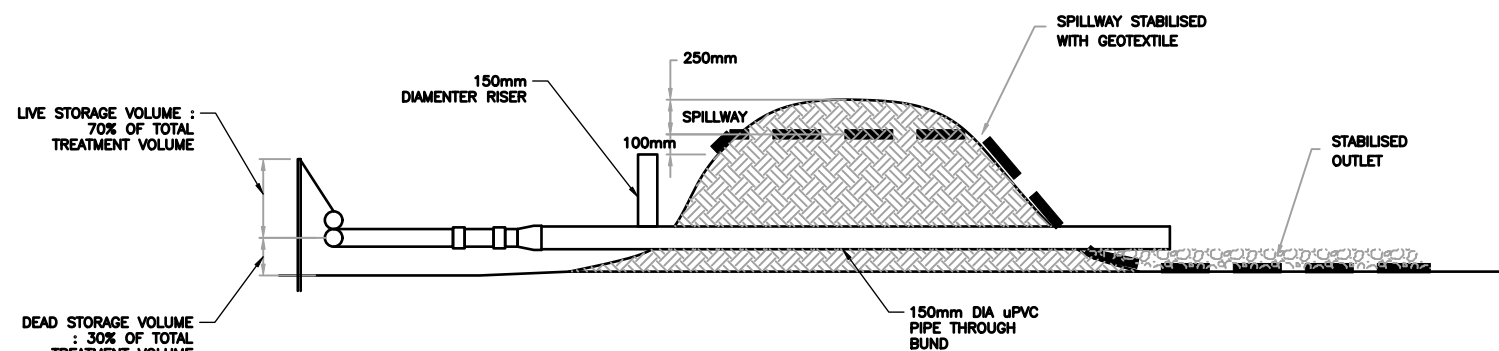
STABILISED CONSTRUCTION ENTRANCE



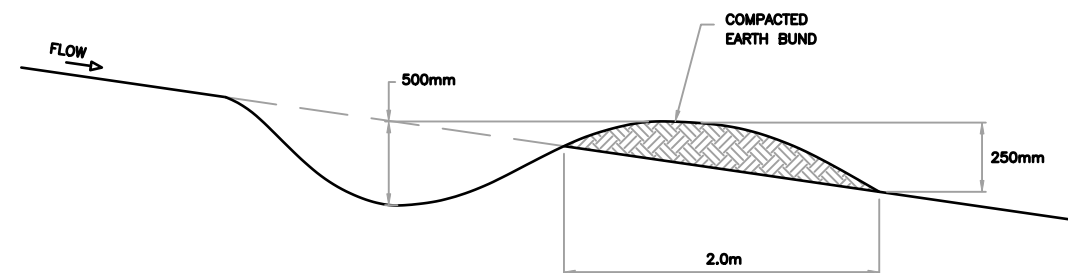
DECANT WITH UPSTAND FOR DECANTING EARTH BUND



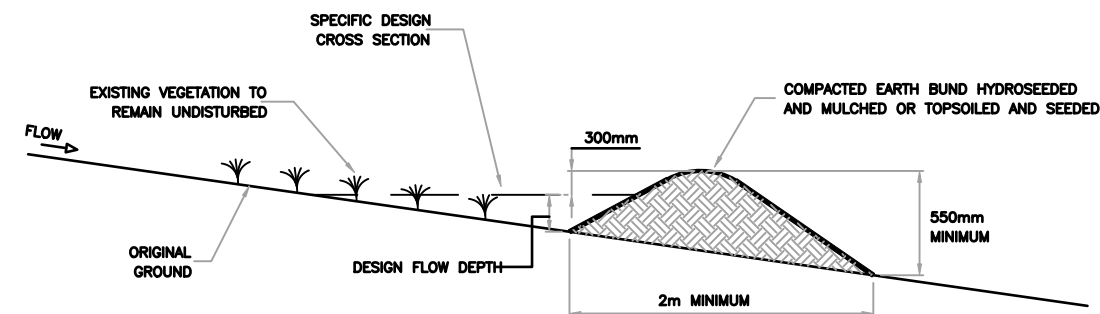
SECTION A-A



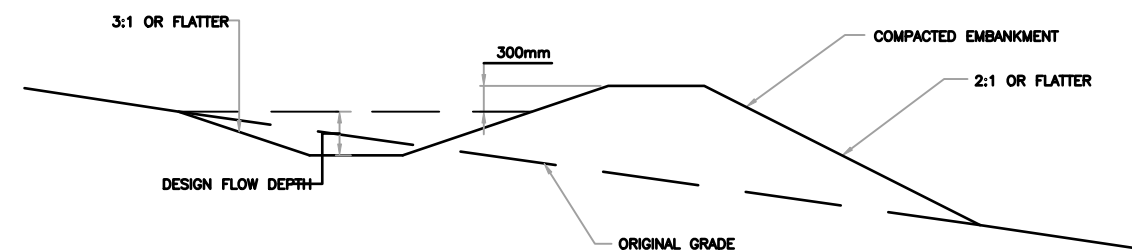
EARTH BUND



CONTOUR DRAIN



CLEANWATER RUNOFF DIVERSION BUND - CROSS SECTION



RUNOFF DIVERSION BUND - CROSS SECTION



RIDGEBURN LTD

RIDGEBURN
122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

EARTHWORKS
EROSION & SEDIMENT CONTROLS
STANDARD DETAILS
SHEET 2

PURPOSE OF ISSUE:
RESOURCE CONSENT

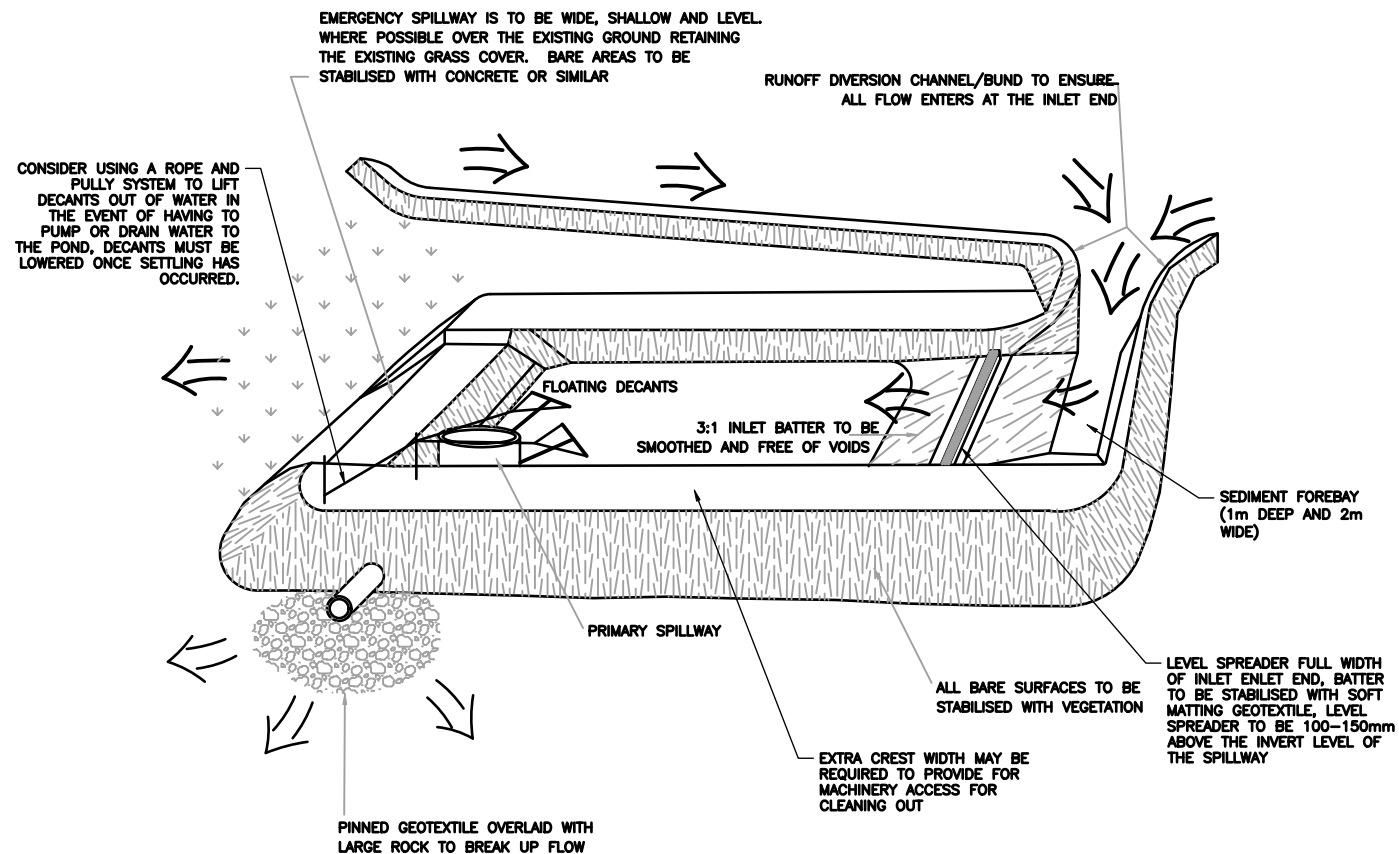
SCALE:
N.T.S

DO NOT SCALE

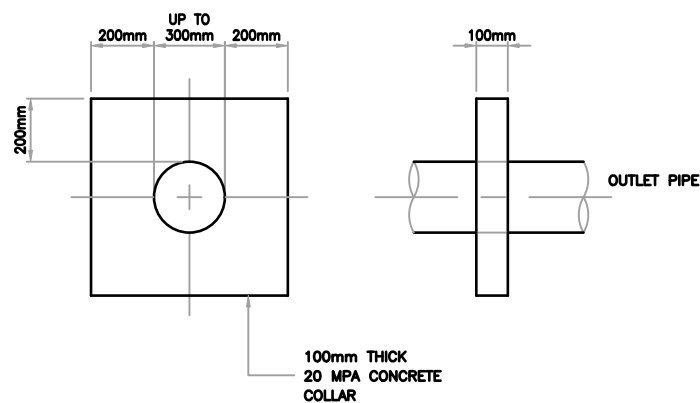
DRAWING NO:
4048-0-2901

REV:
A

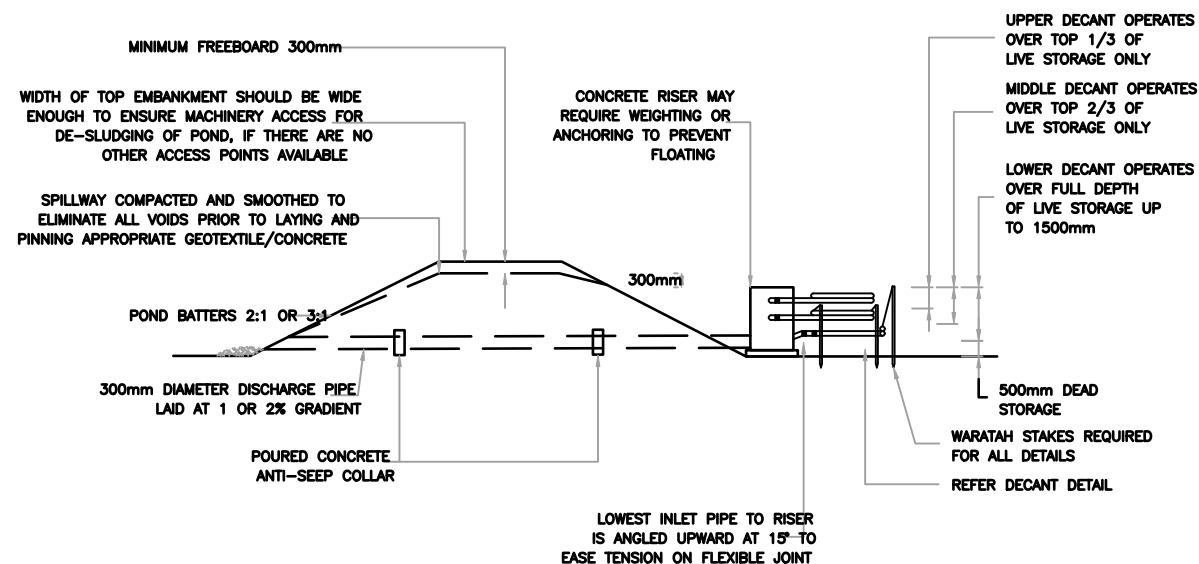
A	FIRST ISSUE	HD	MS	JK	03/11/25
REV	DESCRIPTION	DRN	BYCHK	BYAPP	BY DATE



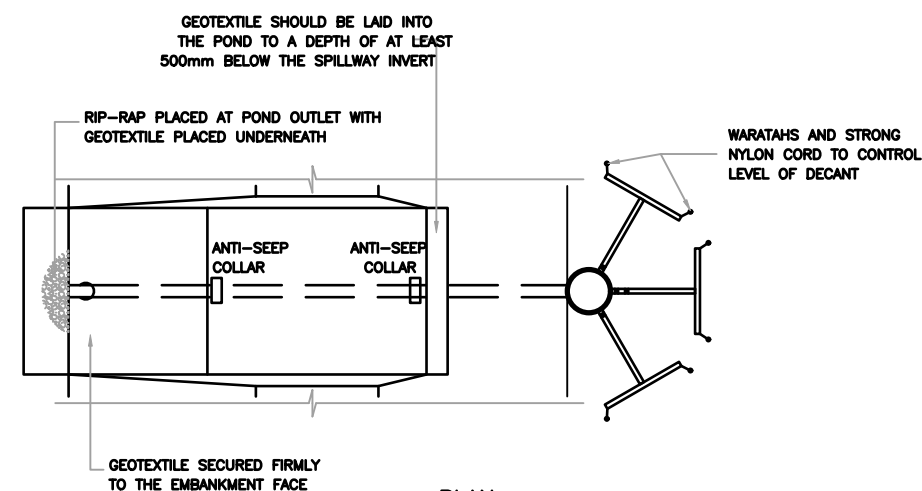
SEDIMENT RETENTION POND



ANTI-SEEP COLLAR



CROSS SECTION



PLAN

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

CLIENT:

RIDGEBURN LTD

PROJECT:

RIDGEBURN
122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

TITLE:

EARTHWORKS
EROSION & SEDIMENT CONTROLS
STANDARD DETAILS
SHEET 3

PURPOSE OF ISSUE:

RESOURCE CONSENT

SCALE:
N.T.S

DO NOT SCALE

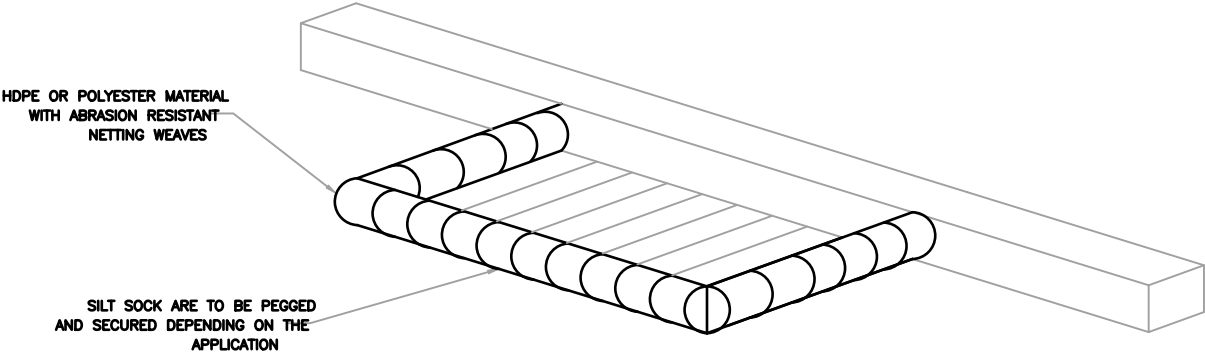
DRAWING NO:

4048-0-2902

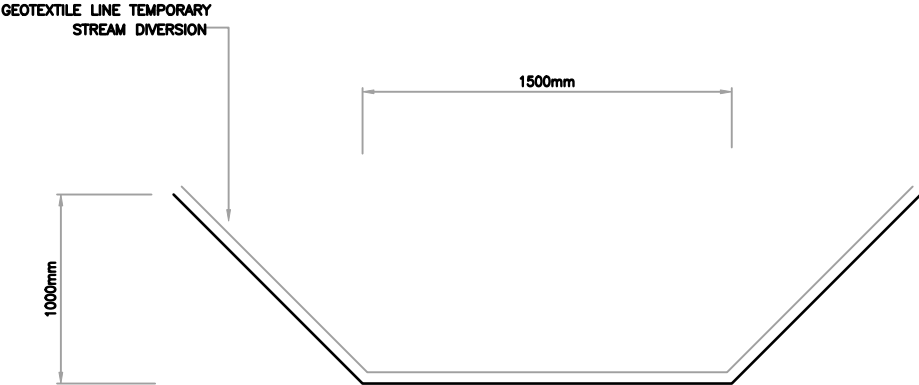
REV:

A

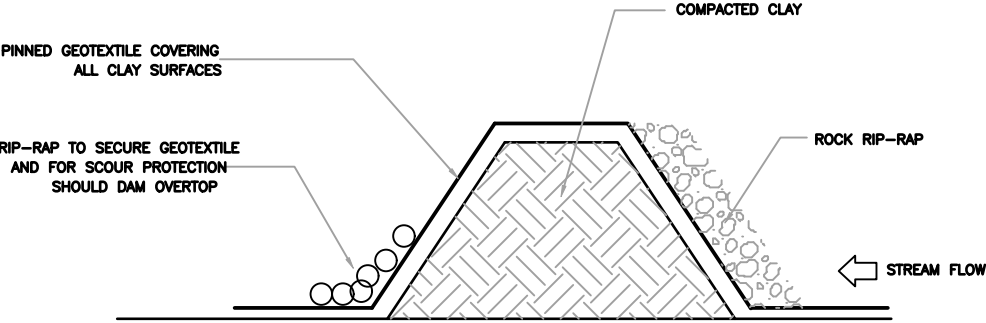
A	FIRST ISSUE	HD	MS	JK	03/11/25
REV	DESCRIPTION	DRN	BYCHK	BYAPP	BY DATE



SILT SOCK DETAIL



TEMPORARY STREAM DIVERSION DETAIL



CROSS SECTION

TEMPORARY WATERCOURSE DIVERSION DAM DETAIL