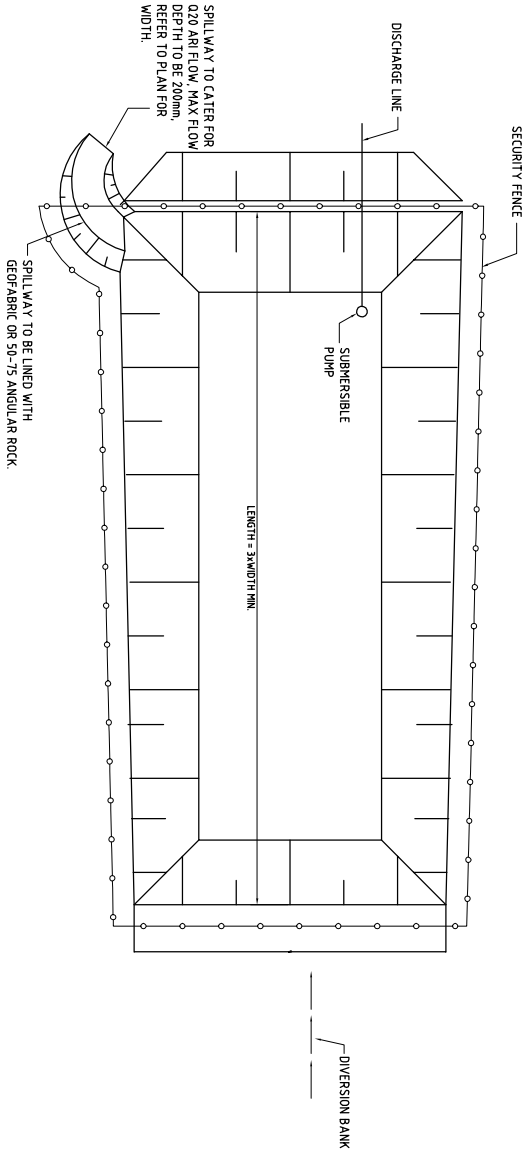
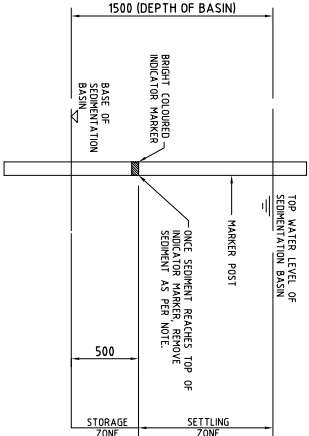




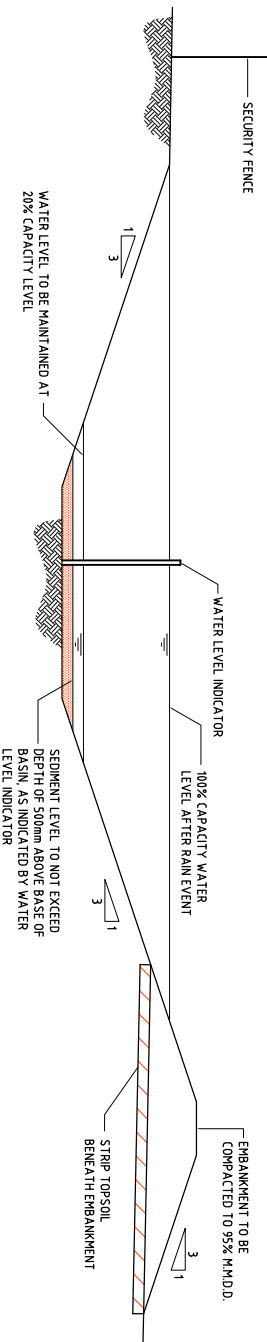
TYPICAL SEDIMENT CONTROL POND PLAN
SCALE 1:250



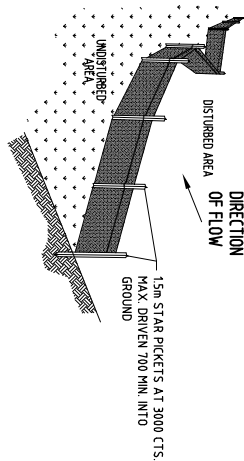
SEDIMENT STORAGE MARKER
SCALE 1:20

SEDIMENT CONTROL POND NOTES:

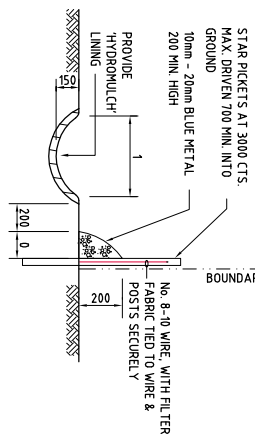
1. TYPE D BASINS REQUIRED
2. VOLUME OF TYPE D POND SHALL BE AS NOMINATED ON DRAWING D4.20. NOMINAL POND LOCATIONS AND NOMINAL DIMENSIONS.
3. SEDIMENT BUILD UP TO NOT EXCEED 33% TOTAL CAPACITY OF POND.
4. WATER LEVEL TO BE MAINTAINED AT 20% CAPACITY DURING SETTLING PERIOD.
5. LENGTH TO WIDTH RATIO TO BE 3:1 MIN. TYPICAL DEPTH TO BE 15m.
6. PROVIDE SECURITY FENCE TO POND FOR SAFETY.
7. DEWATERING OF POND TO BE PERFORMED TO THE BOTTOM OF THE SEDIMENT SETTLING ZONE.
8. WATER TO BE DRESSED WITH GYPSUM TO ACCELERATE SETTLING OF SUSPENDED SOLIDS.
9. GYPSUM DOSAGE RATE TO BE APPLIED AT APPROX. 3kg PER 100 CUBIC METRE OF COLLECTED RUNOFF.
10. DUST EXTRACTOR SHALL BE LOCATED AT THE END OF THE POND TO PREVENT DUST FROM FOLLOWING.
11. DISCHARGE FROM POND IS PERMISSIBLE WHEN THE WATER PH IS 6.5-8.5 AND IS CLARIFIED IN 36-72 HOURS BELOW A TSS OF 50mg/L (75 NTU). CLARIFICATION WOULD GENERALLY BE ACHIEVED IN 36-72 HOURS WITH THE USE OF GYPSUM.
12. DEWATERING SHALL BE DONE IN SUCH A MANNER AS TO REMOVE THE RELATIVELY CLEAN WATER WITHOUT REMOVING OR DISTURBING THE SEDIMENT THAT HAS SETTLED. THE PUMP INTAKE PIPE IS NOT TO REST ON THE SETTLED SEDIMENT LAYER.
13. IF WATER EXCEEDS TSS OF 50mg/L (75 NTU) DURING DEWATERING, PUMPING IS TO CEASE.
14. RECORDS ARE TO BE KEPT ON-SITE AT ALL TIMES OF ALL MEASUREMENT PRIOR TO, DURING AND AFTER DISCHARGE. RECORDS TO BE MADE AVAILABLE TO COUNCIL OFFICERS UPON REQUEST.



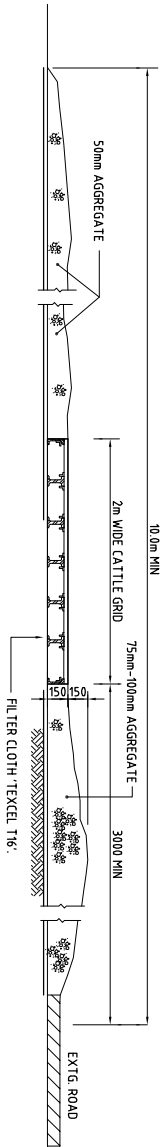
TYPICAL SEDIMENT CONTROL BASIN SECTION
SCALE 1:50



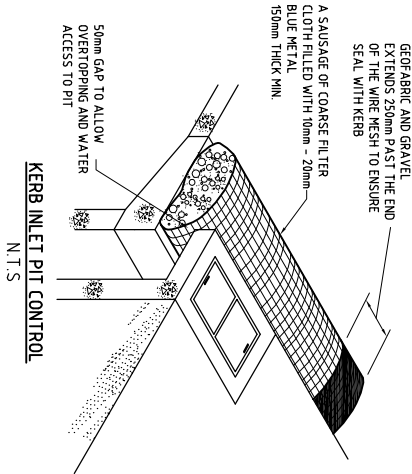
TYPICAL SILT FENCE DETAIL
N.T.S.
PROVIDE 1m RETURNS AT 30m INTERVALS.
TYPICAL



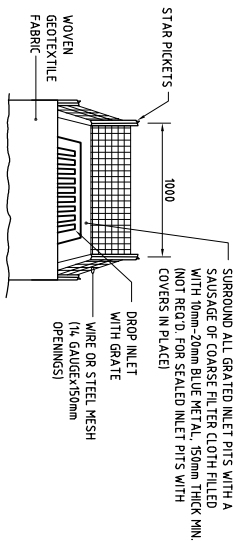
TYPICAL OPEN DRAIN & SILT FENCE
SCALE 1:20



SECTION 1:20
1: STABILISED CONSTRUCTION ENTRANCE - TRUCK SHAKER

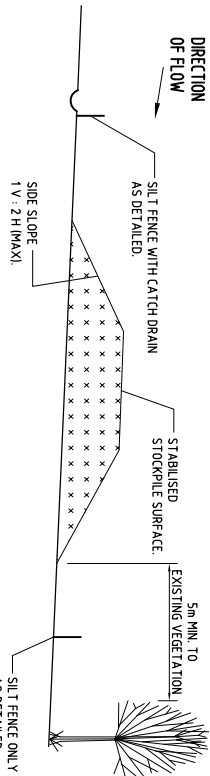


KERB INLET PIT CONTROL
N.T.S.



GRADED INLET PIT FILTER DETAIL
N.T.S.

NOTE: ADOPT ABOVE DETAILS AROUND ALL PITS WITHIN AREA ENCOMPASSED BY SILT FENCE & TO PITS ON THE ROAD ADJACENT TO SITE BOUNDARY.



TYPICAL STOCKPILE DETAIL
N.T.S.

STOCKPILE NOTES

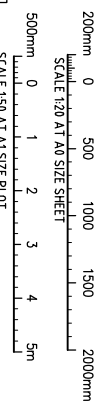
1. PLACE ALL STOCKPILES IN LOCATIONS MORE THAN 5m FROM EXISTING VEGETATION, ROADS & HAZARDOUS AREAS.
2. COVER STOCKPILES WITH A 10mm - 20mm BLUE METAL, 200 mm HIGH, AND IS TO BE DRIVEN 700 mm INTO GROUND.
3. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2m IN HEIGHT.
4. WHERE STOCKPILES ARE TO BE IN PLACE FOR MORE THAN 10 DAYS, SUITABLY STABILISE OR COVER THE STOCKPILES.
5. CONSTRUCT SILT FENCE WITH CATCH DRAIN ON UPSLOPE SIDE TO DIVERGENT WATER AROUND STOCKPILES & SILT FENCE ONLY 1 TO 2m DOWNSLOPE AS SHOWN.

NOTES:

1. ALL EROSION & SEDIMENT CONTROL MEASURES TO BE INSPECTED & MAINTAINED DAILY BY SITE MANAGER.
2. MINIMISE DISTURBED AREAS.
3. ROADS & FOOTPATHS TO BE SWEEP DAILY.
4. 12m TUNE TO BE PLACED BEHIND KERBS.
5. DUST MINIMISATION CONTROL BY WATERING TO BE IMPLEMENTED BY SITE MANAGER AS REQUIRED OR AS DIRECTED BY THE EPA.

EROSION AND SEDIMENT CONTROL NOTES:

1. REFER TO DRAWING D4.10 FOR EROSION AND SEDIMENT CONTROL NOTES.
2. NOTE: ALL LEVELS ARE INDICATIVE ONLY & MAY BE SUBJECT TO MINOR VARIATIONS TO SUIT DETAILED DESIGN.



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