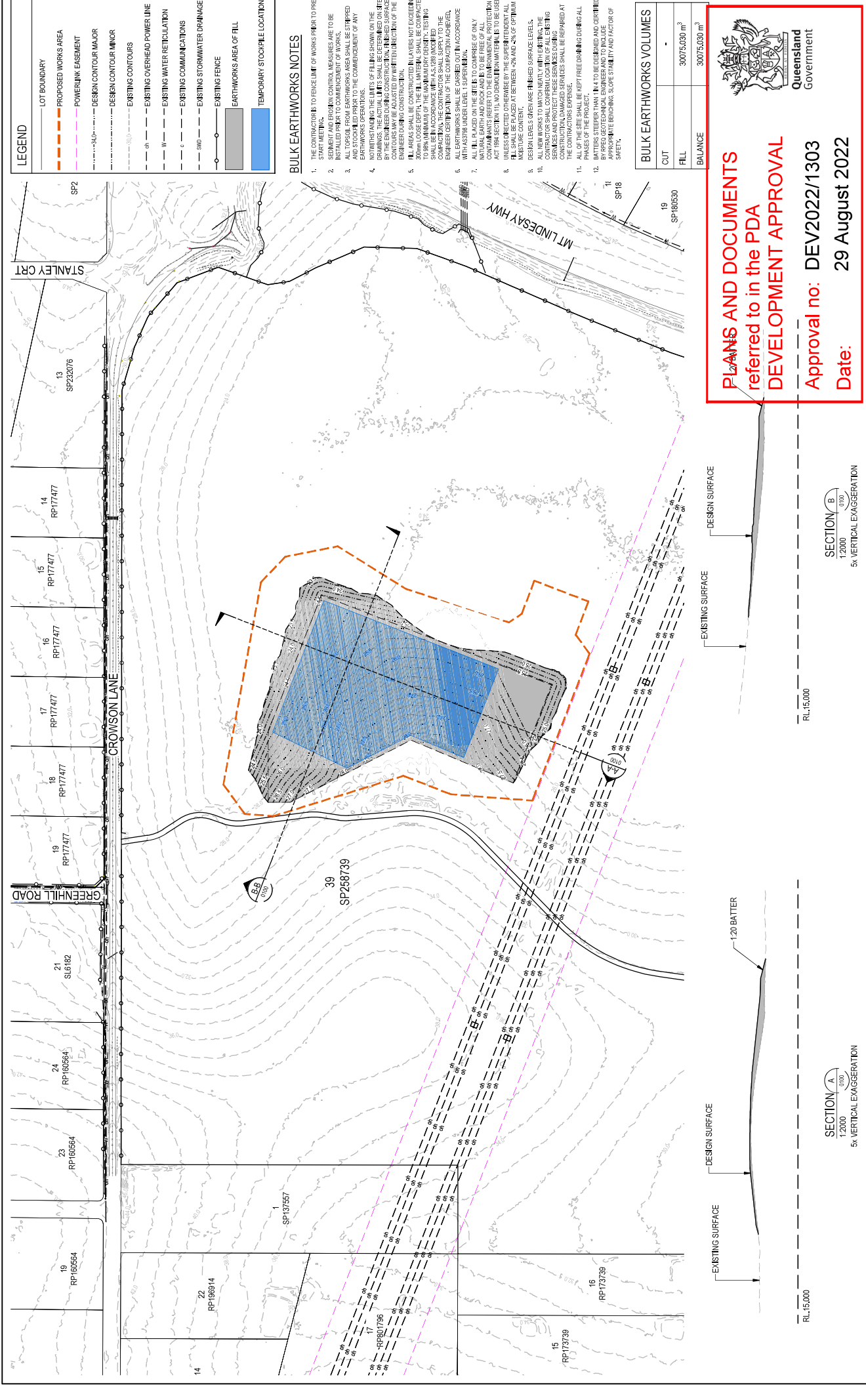




LEGEND	
	LOT BOUNDARY
	PROPOSED WORKS AREA
	POWERLINK EASEMENT
	DESIGN CONTOUR MAJOR
	DESIGN CONTOUR MINOR
	EXISTING CONTOURS
	EXISTING OVERHEAD POWER LINE
	EXISTING WATER RETICULATION
	EXISTING COMMUNICATIONS
	EXISTING STORMWATER DRAINAGE
	EXISTING FENCE
	EARTHWORKS AREA OF FILL
	TEMPORARY STOCKPILE LOCATION

- BULK EARTHWORKS NOTES**
- THE CONTRACTOR IS TO FENCE LIMIT OF WORKS PRIOR TO PRE START MEETING.
 - EXISTING UTILITIES AND OVERHEAD SERVICES ARE TO BE INSTALLED PRIOR TO COMMENCEMENT OF WORKS.
 - ALL TOPSOIL FROM EARTHWORKS AREA SHALL BE STRIPPED AND STOCKPILED PRIOR TO THE COMMENCEMENT OF ANY EARTHWORKS OPERATIONS.
 - EXISTING CONTOURS OF FILLING SHOWN ON THE DRAWINGS, THE ACTUAL LIMITS SHALL BE DETERMINED ON SITE BY THE ENGINEER DURING CONSTRUCTION. FINISHED SURFACE CONTOURS MAY BE ADJUSTED BY VARYING THE DIRECTION OF THE FILL.
 - FILL AREAS SHALL BE CONSTRUCTED IN LAYERS NOT EXCEEDING 300mm LOOSE DEPTH, THE FILL MATERIAL SHALL BE COMPACTED TO 80% MINIMUM OF THE MAXIMUM DRY DENSITY. TESTING TO BE DONE AT 10% INTERVALS.
 - CONTRACTOR SHALL SUPPLY TO THE ENGINEER CERTIFICATION OF THE COMPACTION ACHIEVED.
 - ALL EARTHWORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR ROADWORKS.
 - ALL FILL PLACED ON THE SITE TO COMPREHEND OF ONLY NATURAL EARTH AND ROCK AND IS TO BE FREE OF ALL CONTAMINANTS REFER TO THE ENVIRONMENTAL PROTECTION ACT 1970 AND THE ENVIRONMENTAL PROTECTION (NATURAL EARTH AND ROCK) REGULATIONS 1970.
 - UNLESS SPECIFIED OTHERWISE, ALL FILL SHALL BE PLACED AT BETWEEN 1% AND 4% OF OPTIMUM MOISTURE CONTENT.
 - DESIGN LEVELS GIVEN ARE FINISHED SURFACE LEVELS.
 - ALL NEW WORKS TO MATCH EXISTING WITH EXISTING THE EXISTING SURFACE SHALL BE MAINTAINED TO THE EXISTING SERVICES AND PROTECT THESE SERVICES DURING CONSTRUCTION. DAMAGED SERVICES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
 - ALL THE SITE SHALL BE LEFT FREE DRAINING DURING ALL PHASES OF THE PROJECT.
 - BATTERS STEEPER THAN 1 IN 4 TO BE DESIGNER AND CERTIFIED BY A REGISTERED GEOTECHNICAL ENGINEER AND TO INCLUDE A STATEMENT OF THE SLOPE STABILITY AND FACTOR OF SAFETY.

BULK EARTHWORKS VOLUMES	
CUT	30075.030 m ³
FILL	30075.030 m ³
BALANCE	30075.030 m ³

Queensland Government

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1303
Date: 29 August 2022

FOR APPROVAL
CONSTRUCTION SUBJECT TO APPROVAL

Drawn	Original Issue	Original Size
RP17477	RP17477	A1
RP17477	RP17477	AHD
RP17477	RP17477	Grid
RP17477	RP17477	Grid
RP17477	RP17477	Grid
RP17477	RP17477	Grid

Charter Hall

WOLTER consulting group

Scale:
1:2000
5x VERTICAL EXAGGERATION

Client:
4499-4651 MOUNT LINDSEY
HIGHWAY, NORTH MACLEAN
IMPORT EARTHWORKS PAD

Project:
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1. **FOR THE CONTRACTOR RESPONSIBILITY TO ENSURE PROTECTION, MAINTENANCE AND TESTING OF ALL AIRBORNE AND SEIMENT CONTROL MEASURES ARE UNDER THEIR OWN SITE.**
2. **ALL DRAINAGE, EROSION AND SEIMENT CONTROL MEASURES MUST BE APPLIED AND MAINTAINED IN ACCORDANCE WITH THE LATEST INTERNAL EROSION CONTROL, ASSOCIATION (IECA) APPROVED BEST PRACTICE EROSION AND SEIMENT CONTROL (BEPSCD) DOCUMENT.**
3. **REFER TO APPROVED PLANS FOR LOCATION, EXTENT AND CONSTRUCTION DETAILS. IF THERE ARE QUESTIONS OR CONCERNS, THE CONTRACTOR, EVEN IN THE MIDDLE OF INSTALLATION, CONTACT THE ENGINEER OR RESPONSIBLE OFFICER OF THE LOCAL AUTHORITY.**
4. **ADDITIONAL EROSION AND SEIMENT CONTROL MEASURES MUST BE PUT IN PLACE AND A RE-EVALUATED EROSION AND SEIMENT CONTROL PLAN SHOULD BE SUBMITTED FOR APPROVAL. IN THE EVENT THAT SITE CONDITIONS CHANGE SIGNIFICANTLY FROM THOSE CONSIDERED WITHIN THE ESOP.**
5. **IN CIRCUMSTANCES WHERE IT IS CONSIDERED NECESSARY TO PREPARE AN AMENDED EROSION AND SEIMENT CONTROL PLAN (ESOP), AND THE DELIVERY OF SUCH AN AMENDED ESOP IS NOT PRACTICAL, THENAL NECESSARY TO MAINTAIN EROSION AND SEIMENT CONTROL WORKS MUST BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE AMENDED PLAN. THE AMENDED ESOP, IF ANY, MUST NOT BE SUBMITTED IN ACCORDANCE WITH THE AMENDED PLAN.**
6. **WHERE THERE IS A HIGH PROBABILITY THAT SERIOUS OR WATERSIDE ENVIRONMENTAL HARMWAY OCCURS AS A RESULT OF SEIMENT LEAVING THE SITE, APPROPRIATE ADDITIONAL EROSION AND SEIMENT CONTROL MEASURES ARE IMPLEMENTED SUCH THAT ALL REASONABLE AND PRACTICABLE MEASURES ARE BEING TAKEN TO PREVENT OR MINIMISE THE RISK OF SUCH OCCURRENCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUCH MEASURES, CONDUCTED ON TIME TO TIME, TO APPROVAL OF THE AMENDED EROSION AND SEIMENT CONTROL PLAN (ESOP).**
7. **AT ALL TIMES THE CONTRACTOR SHALL MONITOR THE PRELIMINARY WEATHER CONDITIONS AND PROTECT ANY DOWNSTREAM CONSTRUCTION BEHIND EROSION MONITORING.**

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHOULD BE INSTALLED AND FUNCTIONAL PRIOR TO WORKS COMMENCING AND IN THE FOLLOWING SEQUENCE:
 - a. CONSTRUCT TEMPORARY STABILIZED SITE ACCESS
 - b. PROVIDE EROSION PROTECTION TO FORMWORK PILES AND GULLES ON ALL ROADS ADJOINING THE SITE.
 - c. CONSTRUCT BARRIER FENCING AROUND RESTRICTED WOOD ZONES OF THE RETAINED VEGETATION AND AREAS NOT TO BE CULTURED AND AREAS WHICH REMAIN UNCULTURED.
 - d. INSTALL ALL TEMPORARY SEDIMENT FENCES
 - e. CONSTRUCT DITCH/RAIN BANKS AS NECESSARY (PARALLEL TO CONTOURS) TO SORT RUNOFF FROM DISTURBED AREAS INTO THE SEDIMENT POND/BAIRS
 - f. WORK AREAS TO BE DEMONSTRATED BY BARRIER FENCING AND OTHER CHANNEL, UPLAND AND SEDIMENT FENCING DOWNLOUSE.
 - g. MAINTAIN ALL THE SEDIMENT FENCES/BAIRS AS LONG AS PRACTICALLY POSSIBLE
 - h. STAKE ALL UNCULTURED AREAS (KAP AND PROPOSED) AS WORKS ARE COMPLETED.
 - i. TEMPORARY STABILIZATION TO BE DONE (INCLUDING MULCHING, HYDROMULCHING OR DIRECT APPLICATION OF GRAIN) SURROUNDING ALL PLANTS OF WORKS COMPLETED (EVEN IF WORKS MAY CONTINUE LATER)
2. EROSION AND SEDIMENT CONTROL PROTECTION MEASURES MAY NEED TO BE REPEATED AND UPDATED TO BEST FIT THE CONDITIONS AND PROGRESS OF THE WORKS. I.E. MEASURES INCLUDING SEDIMENT FENCES SHOULD BE MOVED AND REINSTATED AS WORKS PROGRESS.

4. ALL TYPES OF FILLING AND OPERATIONAL ACTIVITIES MUST BE DESIGNED SUCH THAT ANY EFFLUENT (E.G. PROCESS WATER, WASH-QUOY WATER, EFFLUENT FROM EQUIPMENT CLEANING, OR PLANT WASTEWATER), CAN BE TOTALLY CONTAINED AND TREATED WITHIN THE SITE.
5. THE CONSTRUCTION SCHEDULE MUST BE DESIGNED TO MINIMISE THE DURATION THAT ANY AND ALL AREAS OF SIZE ARE EXPOSED TO THE RISK OF POLLUTION.
6. LAND-USE CHANGING ACTIVITIES MUST BE UNDERTAKEN IN ACCORDANCE WITH THE ESCOP AND ASSOCIATED DEVELOPMENT CONDITIONS.
7. LAND-USE CHANGING ACTIVITIES MUST BE UNDERTAKEN IN SUCH A MANNER THAT ALLOWS ALL REASONABLE AND PRACTICABLE MEASURES TO BE UNDERTAKEN TO PREVENT POLLUTION FROM OCCURRING.
8. VEGETATION UP TO THE SPECIFIED DESIGN STORM CATCHMENT, AND AT NON-CATCHMENT FLOW, MUST BE MAINTAINED TO PREVENT EROSION FROM WATER FLOW AND/OR WIND.
9. MINIMISE SOIL EROSION RESULTING FROM ROAD, WATER FLOW AND/OR WIND.
10. MINIMISE ADVERSE EFFECTS OF SEDIMENT RUNOFF, INCLUDING SAFETY ISSUES.
11. PREVENT OR AT LEAST MINIMISE ENVIRONMENTAL HARM RESULTING FROM WORK-GENERATED SOIL EROSION AND SEDIMENT RUNOFF.
12. ENSURE THAT THE VALUE AND USE OF ANTIPODITIES ADJACENT TO THE DEVELOPMENT (INCLUDING ROADS) ARE NOT DIMINISHED AS A RESULT OF THE ADAPTED ESD MEASURES.
13. ALL EROSION AND SEDIMENT CONTROL MEASURES MUST CONFORM TO THE STANDARDS AND SPECIFICATIONS CONTAINED IN THE APPROVED ESCOP.
14. THE APPROVED ESCOP AND/OR CONDITIONS RESULTED BY THE RELEVANT REGULATORY AUTHORITY, AND THE LATEST REVISION OF THE ESCOP DOCUMENTATION, OR THE LATEST REVISION OF THE ESCOP SUPPLEMENT DOCUMENT, IF THE STANDARDS AND SPECIFICATIONS ARE NOT CONTAINED IN THE APPROVED ESCOP.

[illegible]

1. TOPSOIL SHALL BE STRIPPED AND STOCKPILED FOR LATER USE ON SITE.
2. ALL REASONABLE AND PRACTICABLE MEASURES MUST BE TAKEN TO OBTAIN THE MAXIMUM BENEFIT FROM EXISTING TOPOGRAPHY.
3. TOPSOIL, INCLUDING:
 - (i) WHERE THE PROPOSED AREA OF SOIL DISTURBANCE DOES NOT EXCEED 2500m², AND THE TOPSOIL DOES NOT CONTAIN UNDESIRABLE WEED SEED, THE TOP 100mm OF SOIL LOCATED WITHIN AREAS OF PROPOSED SOIL REMOVAL UNDESIRABLE WEED STOCKPILES MUST BE STRIPPED AND STOCKPILED SEPARATELY FROM THE REMAINING SOIL.
 - (ii) WHERE THE PROPOSED AREA OF SOIL DISTURBANCE EXCEEDS 2500m², AND THE TOPSOIL DOES NOT CONTAIN UNDESIRABLE WEED SEED, THE TOP 500mm OF SOIL MUST BE STRIPPED AND STOCKPILED SEPARATELY FROM THE REMAINING TOPSOIL, AND SPREAD AS A FINAL SURFACE SEED.
 - (iii) IN AREAS WHERE THE TOPSOIL CONTAINS UNDESIRABLE WEED SEED, THE AFFECTED SOIL MUST BE SUITABLY BARRIED OR REMOVED FROM THE SITE.
4. STOCKPILES OF ENDANGERED MATERIAL THAT HAS THE POTENTIAL TO CAUSE ENVIRONMENTAL HARM IF DISPOSED, MUST BE REMOVED FROM THE SITE.
5. APPROPRIATELY PROTECTED FROM WIND, RAIN, CONCENTRATED SURFACE FLOW AND EXCESSIVE UNUSUAL FLOWS:
 - (i) STOCKPILED TOPSOIL.
 - (ii) LOCATED AT LEAST 10M (PREFERABLY, 50M) FROM ANY HAZARDOUS AREA, RETAINED VEGETATION, ROADS AND CONCENTRATED WATER FLOWS.
 - (iii) LOCATED UP-SLOPE OF AN APPROPRIATE PROTECTIVE CONTROL SYSTEM.
 - (iv) PROVIDED WITH AN APPROPRIATE PROTECTIVE COVER SYNTHETIC, MULCH OR VEGETATED IF THE MATERIALS ARE RELIABLE TO BE STOCKPILED FOR MORE THAN 28 DAYS.
 - (v) PROVIDED WITH AN APPROPRIATE PROTECTIVE COVER SYNTHETIC, MULCH OR VEGETATED IF THE MATERIALS ARE RELIABLE TO BE STOCKPILED FOR MORE THAN 10 DAYS TO CATCH SEEDS THAT HAVE NOT YET GERMINATED.
 - (vi) PROVIDED WITH AN APPROPRIATE PROTECTIVE COVER SYNTHETIC, MULCH OR VEGETATED IF THE MATERIALS ARE RELIABLE TO BE STOCKPILED FOR MORE THAN 5 DAYS DURING THOSE MONTHS THAT HAVE AN EXTREME DROUGHT RISK.
6. A SUSTAINABLE WEED PREVENTION SYSTEM MUST BE ESTABLISHED IMMEDIATELY UPON A STOCKPILE OF TOPSOIL BEING FORMED. THE SYSTEM MUST BE MAINTAINED THROUGHOUT THE PROJECT, AND MUST BE CAPABLE OF CATCHING AND REMOVING ANY WEEDS THAT ARE STOCKPILED EXCESSIVE FLOWS.

MATERIALS:

- i. SOCKS - MINIMUM 200mm SYNTHETIC OR BINDER-PAVED TUBES MANUFACTURED FROM NON-WOVEN OR COMPOSITE FIBRE SUITABLE FOR THE "TREATMENT" OF COARSE SEDIMENT.
- ii. FIL MATERIALS STRAW CANE MULCH, COMPOSTED MATERIAL (ASANA), COARSE SAND, OR CLEAN AGGREGATE

INSTALLATION:

- i. ENSURE THE SOCKS ARE PLACED IN FULLY COLLECTED YINS A SINGLE SEDIMENT TRAP SUCH THAT:
 - a) LEAVE ROOM AROUND OR UNDER THE SOCKS IF NEEDED.
 - b) ADJOINING SOCKS ARE TWENTY BUILT UP OR OVERLAPPED AT LEAST 450mm.
- ii. THE SURFACE AREA OF POTENTIAL WATER POND (JAL POLE) OF EACH SEDIMENT TRAP IS MAINTAINED, TO THE MAXIMUM POSSIBLE OVERFLOW, BY THE USE OF A DRAINAGE CHANNEL WHICH PASSES THROUGH THE FORMED POND BEFORE EXPOSING THE DOWNPOOLS ON EDGE OF THE SEDIMENT TRAP.

[illegible]

MATERIALS:

1. ROCK: WELL GRADED, HARD, ANGULAR, EROSION RESISTANT ROCK, NOMINAL DIAMETER OF 20 TO 75mm (SAND, SILT, AND CLAY CONTENT SHALL BE LESS THAN 5% BY WEIGHT). ALL LARGE DISTURBANCES, ALL REASONABLE MEASURES MUST BE TAKEN TO OBTAIN THE BEST AVAILABLE MATERIAL.
2. FOOTPATH: STABILISING AGGREGATE: 20 TO 50mm GRAVEL OR AGGREGATE.
3. GEOTEXTILE: FABRIC: HEAVY DUTY, NEEDLE PUNCHED, NONWOVEN, 100 GR/CM² OR EQUIVALENT.

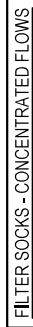
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WOLTER
consulting group

DRAWN BY: J. REBELER DESIGNED BY: E. PEEK PROJECT MANAGER: G. LILLIS VERIFIED: G. LILLIS		ORIGINAL SIZE: A1 HEIGHT: AHD DATUM: GRID: 	R-PEQ No. 1794 Date: 12/15/2016 Name: G. Lilliss Title: Project Manager
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4499-4651 MOUNT UNDESAY
HIGHWAY, NORTH MACLEAN
IMPORT EARTHWORKS PAD

Title: EROSION AND SEDIMENT
CONTROL NOTES AND DETAILS
SHEET 1



[illegible]

1. EXCAVATE THE CHANNEL TO THE SPECIFIED SHAPE, ELEVATION AND GRADIENT (1% IN 40'). THE SIDES OF THE CHANNEL SHOULD BE NO STEEPER THAN A 2:1 (H/V) CONSTRUCTED IN GROUND, UNLESS SPECIFICALLY DIRECTED BY THE APPROVED PLANS.
2. STAKE THE CHANNEL AND BANKS MINUTELY (NOT LESS THAN 30 DAYS) IN EITHER CASE. TEMPORARY EROSION PROTECTION (MATTING, ROCK, TURF, ETC.) WILL BE REQUIRED AS SPECIFIED WITH THE APPROVED PLANS OR AS DIRECTED.
3. IF THE CHANNEL IS CUT IN A DEEPER (SOIL) SOIL, THE EXPOSED DISPERSED SOIL MUST BE COVERED AND COMPACTED WITH A MINIMUM 20mm (3/4") LAYER OVER OF NON-DECOMPOSED SOIL. PAPER OR PLACEMENT OF AGRASS PROTECTIVE COVERS TO AVOID OVERLYING THE EXPOSED SOIL.
4. SEEDING THE CHANNEL SHOULD BE DONE AS SOON AS THE CHANNEL IS FINISHED. SEEDING WILL BE PERFORMED, EXCEPT WHERE THE CHANNEL DOES NOT APPEAR TO SUITABLE FOR IT. (SEE SPECIFICATIONS FOR SEEDING.)

[illegible]

1. ENSURE CONTACT MATS MUST BE STORED AWAY FROM DIRECT SUNLIGHT OR COVERED WITH ULTRAVIOLET PROTECTIVE SHEETING WITH THE MATS READY FOR THEIR INSTALLATION.
2. WHEN THE MATS ARE BEING UNROLLED, THE MATS SHOULD BE UNROLLED OVER THE MATTING UNLESS HAS BEEN COVERED WITH PROTECTIVE SHEETING OR, AT GRAVEL AT LEAST 150mm THICK.
3. IF THE CHANNEL IS TO BE GRASSSED, PREPARE A SMOOTH, SLEED BED OF APPROXIMATELY 75mm OF TOPSOIL, FERTILISE THE WATER AND BARE TO REMOVE ANY REMAINING SURFACE IRREGULARITIES.
4. EXCAVATE A 300mm DEPTH BY 150mm WIDE AND ANCHOR HOLE AND THE FULL WIDTH OF THE UPSTREAM END OF THE CHANNEL.
5. AT LEAST ONE OF THE MATS MUST BE ANCHORED INTO THE TRENCH WITH THE ROLL OF MATTING RESTING ON THE GRAVEL OR UNPAVE OF THE TRENCH.
6. WHEN UNROLLING THE MATS, AVOID STRETCHING OF THE FABRIC. THE MATS SHOULD REMAIN IN GOOD CONTACT WITH THE SOIL.
7. THE INSTALLATION PROCEDURE MUST ENSURE THAT THE MAT ACHIEVES AND REMAINS GOOD CONTACT WITH DAMAGED SUBSTRATE TO BE RECOVERED OR REPAIRED.

1. TURF SHOULD BE USED WITHIN 12 HOURS OF DELIVERY. OTHERWISE ENSURE THE TURF IS STORED IN CONDITIONS APPROPRIATE FOR THE WEATHER CONDITIONS (e.g. A SHADDED AREA).
2. MISTING THE TURF AFTER IT IS UNROLLED WILL HELP MAINTAIN ITS WEALTH.
3. TURF SHOULD BE Laid ON A MINIMUM 75mm BED OF ADEQUATELY FERTILISED TOPSOIL, RATHER THAN THE SOIL SURFACE.

4. ENSURE THE TURF IS NOT LIFTED ON GRAVEL. HEAVILY COMPACTED SILLS, OR SILLS THAT HAVE BEEN RECENTLY TREATED WITH HERBICIDES.
5. ENSURE THE TURF EXTENDS UP TO THE SURF ELEVATION 10mm ABOVE THE CHANNEL OF THE CHANNEL. INSERT, OR AT LEAST TO A SUFFICIENT ELEVATION TO FULLY CONTACT EXPECTED CHANNEL FLOW.
6. ON CHANNEL GRADIENTS OF 1:10 OR STEEPER, OR IN LOCATIONS WHERE THERE IS LOW FLOW VOLUMES (e.g., VELOCITY < 2000 ML PER M² PER SECOND), THE FIRST TWO WEEKS FOLLOWING PLACEMENT, SECURE THE TURF USING STAKES.
7. ENSURE THERE IS MINOR CONTACT BETWEEN THE TURF AND THE SILLS, SUCH THAT SEPARATE FLOW CHANNELS CAN BE FORMED AND MAINTAINED BETWEEN THE TURF AND THE SILLS, SUCH THAT SEPARATE FLOW CHANNELS CAN BE FORMED AND MAINTAINED.
8. WATERED UNTIL THE SILLS ARE WET 100mm BELOW THE TURF. THEREAFTER WATERING SHOULD BE SUFFICIENT TO MAINTAIN AND PROMOTE HEALTHY GROWTH.

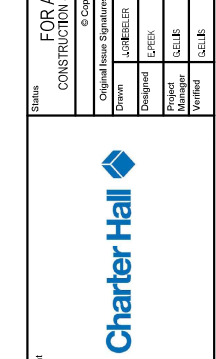
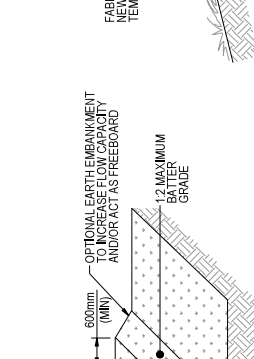
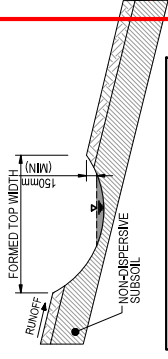
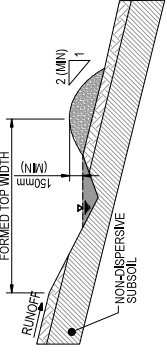
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1. CHECK DAMS CAN BE BUILT WITH VARIOUS MATERIALS INCLUDING ROCKS AND SANDBAGS.

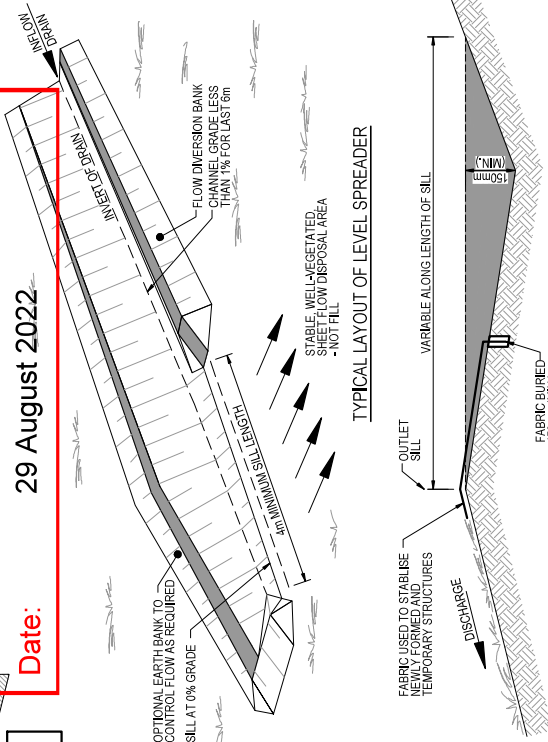
1. **ROCK:** 150 to 300mm EQUIVALENT DIAMETER HARD EROSION RESISTANT ROCK.
2. **RECYCLED CONCRETE:** 150 to 300mm EQUIVALENT DIAMETER FREE FROM FINES AND CEMENT DUST.
3. **SAND BAGS:** GEOTEXTILE BAGS (WOVEN SYNTHETIC OR NONWOVEN BIODEGRADABLE) FILLED WITH CLEAN COARSE SAND, CLEAN AGGREGATE, OR COMPOST.

1. PRIOR TO PLACEMENT OF THE SEDIMENT TRAP, ENSURE THE DRAINAGE CHANNEL IS DEEP ENOUGH TO PREVENT WATER BEING UNSAFELY DIVERTED OUT OF THE DRAIN ONCE THE CHECK DAMS ARE INSTALLED.
2. LOCATE EACH CHECK DAM SEDIMENT TRAP AS DIRECTED WITHIN THE APPROVED PLANS, OR OTHERWISE AT SUCH A SPACING TO ACHIEVE THE REQUIRED SEDIMENT TRAPPING OUTCOMES, REFER DETAIL.
3. PLACE EACH CHECK DAM SEDIMENT TRAP TO THE LINES AND PROFILE SHOWN IN THE APPROVED PLAN OR AS DIRECTED BY THE SITE SUPERVISOR.

1. THE OUTLET **ALL** OF THE SPREADER SHOULD BE PROTECTED WITH OVERSON CONTROL WAITING TO PREVENT EXHAUSTING THE SEEDING MATERIAL OF VEGETATION, THE WAITING SHOULD BE A MINIMUM OF 150mm WIDE ENCOMPASSING AT LEAST 40mm UPSTREAM OF THE EDGE OF THE OUTLET. DRESSES AND BURNED AT LEAST 150mm WIDE VERTICAL. THOUGH, THE DOWNSTREAM EDGE SHOULD BE SECURELY HELD IN PLACE WITH CLOSELY SPACED HEAVY-GAUGE STEEL STAPLES AT LEAST 100mm LONG.
2. MAINTAIN THE OUTLET **ALL** DRESS **ALL** LEVEL FOR THE SPECIFIED LENGTH.
3. ENSURE THE VARIETY CONTROL (DRESS) ARE SEED AND MIX CHAMBERS APPROPRIATE TO THE LEVEL SPECIFIED



Approval no: DEV2022/1303
Date: 29 August 2022



TYPICAL PROFILE OF THE OUTLET WEIR

I'VE! SPREADER

ARCADIS Arcadis Australia Pacific Pty Limited Level 6, 120 Edward Street Brisbane City QLD 4000 Tel No. +61 7 3337 0000 Fax No. +61 7 3337 0055 www.arcadis.com Project No. Draw No. Issue Date Type Drawn By Check By Issue Date 30109334 - AAP - P2000P - CV - DRG - 0102 - 01 C:\Users\p2000p\Documents\4489-4651 Mount Lindeasay Highway\Draw\0102-01.dwg									
Project 4489-4651 MOUNT LINDESAY HIGHWAY, NORTH MACLEAN IMPORT EARTHWORKS PAD Title EROSION AND SEDIMENT CONTROL NOTES AND DETAILS SHEET 2									
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Client Charter Hall Surveyor N/A									
WOLTER consulting group									
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