

LEGEND	
DESIGN	
	EXCAVATED SEDIMENT TRAP
	SEDIMENT FENCE OR MULCH BERM
	DIVERSION DRAIN/BUND
	CATCH DRAIN
	STABILISED CONSTRUCTION ENTRY/EXIT
	ROCK CHECK DAMS
GENERAL	
	LAND ACQUISITION AREA
	WASTEWATER IRRIGATION AREA (IF REQUIRED)
	DCDB CADASTRE
	BOUNDARY SETBACKS
	PERIMETER FENCE
	WATERCOURSE - DIGITISED
	TRANSPORT NOISE CORRIDOR (APPROXIMATE)
	MSES - REGULATED VEGETATION (INTERSECTING A WATERCOURSE) SETBACK 25m EITHER SIDE
	OVERHEAD HV TRANSMISSION LINE (APPROXIMATE ONLY)
	OVERHEAD HV TRANSMISSION LINE - 10m SETBACK
	MAJOR CONTOUR - 1m INTERVAL
	MINOR CONTOUR - 0.2m INTERVAL
	EXISTING CONTOURS - 1m INTERVAL (Geoscience Australia - 1 second SRTM Derived Smoothed)

- CONSTRUCTION PHASE NOTES:**
- CONSTRUCTION PHASE EROSION AND SEDIMENT CONTROLS (ESC) ARE TO BE IN GENERAL ACCORDANCE WITH THE INTERNATIONAL EROSION CONTROL ASSOCIATION BEST PRACTICE GUIDELINES (IECA). STANDARD ESC MEASURES CAN BE ADOPTED FROM THE FOLLOWING IECA STANDARD DRAWINGS:
 - SEDIMENT FENCE: SF-01 AND SF-02
 - CONSTRUCTION EXIT: EXIT 01 AND EXIT 02.
 - ROCK CHECK DAM: RCD-01
 - FIBRE ROLL/COIR LOG: FR-01
 - FILTER FENCE: FF-01
 - EXCAVATED SEDIMENT TRAP: EST-01
 - ROCK FILTER DAM: RFD-01
 - THE SITE DESIGN AND CONSTRUCTION PHILOSOPHY IS TO MINIMISE THE AMOUNT OF DISTURBANCE AS MUCH AS POSSIBLE AND TO MAINTAIN GROUND COVERS. OTHER PRACTICES MAY INCLUDE:
 - LIMIT THE INTRODUCTION OF ENGINEERED CHANNELISATION OF WATER TO LIMIT EROSION AND MINIMISE CHANGING THE EXISTING DRAINAGE REGIME.
 - ENSURE CONSTRUCTION VEHICLE ACCESS IS RESTRICTED TO WORK ZONES ONLY.
 - REMOVE TOPSOIL ONLY FROM DISTURBED AREAS AND STOCKPILE FOR LATER REUSE.
 - DIVERT UPSTREAM FLOWS AROUND THE WORKSITE.
 - ENSURE EARTHWORK FILLS AND PAVEMENTS ARE ADEQUATELY COMPACTED AND PROTECTED FROM EXCESS FLOWS.
 - PROTECT STOCKPILES FROM EROSION AND RUNOFF.
 - PLACE STOCKPILES AWAY FROM VEGETATION 2.5m MIN.
 - LIMIT STOCKPILES TO 3m MAXIMUM HEIGHT.
 - APPLY TOPSOIL BUNDS ON THE SITE INTERMITTENTLY WHERE VIABLE TO MANAGE OVERLAND FLOWS
 - APPLY SUITABLE GROUND COVER PROTECTIONS (POLYMERS, ROCK MULCH, GEOTEXTILES, VEGETATION) TO EXPOSED SURFACES AND MAINTAIN.
 - INSTALL DOWNSTREAM SEDIMENT FENCES AND OR MULCH BERMS.
 - WHERE CHANNELS ARE TO BE CONSTRUCTED, AVOID V-SHAPED BASES. INSTEAD ADOPT FLAT BASED DRAINS TO MINIMISE SCOUR.
 - ENSURE BANKS AND BATTERS ARE ADEQUATELY PROTECTED, STABILISED AND COVERED.
 - MONITOR MAINTAIN AND UPGRADE THE EROSION AND SEDIMENT CONTROLS AS REQUIRED.
 - BULK EARTHWORKS OPERATIONS SHOULD PREFERABLY BE PERFORMED IN THE DRIER SEASONS WHICH TENDS TO BE THE WINTER MONTHS.
 - THE CONSTRUCTION MANAGEMENT TEAM SHALL MONITOR RAINFALL FORECASTS AND ENSURE ESC DEVICES ARE IN PLACE.
 - ESC DEVICES SHALL BE INSPECTED AND MAINTAINED IMMEDIATELY BEFORE AND AFTER RAINFALL EVENTS AS A MINIMUM.
 - A LOGBOOK OF ESC INSPECTIONS, INCIDENTS AND RECTIFICATIONS SHALL BE MAINTAINED ON SITE.
 - ESC DEVICES ARE TO BE INSTALLED IN ALIGNMENT WITH THE CONSTRUCTIONS SCHEDULE. ADDITIONAL ESC MEASURES MAY BE INCORPORATED BY THE SITE TEAM AS REQUIRED.

- OPERATION PHASE NOTES:**
- REFER TO THE RELEVANT STORMWATER MANAGEMENT PLAN FOR OPERATIONAL PHASE MANAGEMENT. FOR OTHER CONSIDERATIONS REFER TO THE NOTES BELOW.
 - THE KEY COMPONENT OF OPERATIONAL PHASE ESC IS TO MINIMISE DISTURBANCE AND CARRY OUT INSPECTIONS AND MAINTENANCE OF EARTHWORKS, DRAINAGE AND ROADWAYS AS WELL AS GROUND COVERS.
 - SITE SHALL BE MANAGED TO LIMIT THE USE OF VEHICLE USE OVER UNDISTURBED AREAS.
 - ELEMENTS OF THE TEMPORARY ESC MEASURES MAY BE INCORPORATED INTO THE LONGER TERM OPERATIONAL PHASE (SAY 2-5 YEARS) IF VIABLE AND IF INSPECTIONS, MAINTENANCE AND UPGRADES ARE ROUTINELY CARRIED OUT.

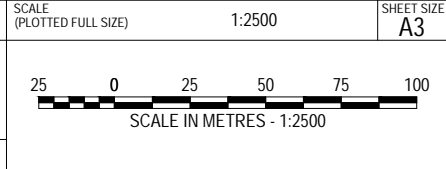
Drawings to be updated to match revised Camp layout per Stormwater Management Plan

REFERENCE FILES ATTACHED: CU2-HU00-XRF-PAS-100-1950- CU2-HU00-XRF-PAS-100-1120 EX: CU2-HU00-XRF-PAS-100-1850- CU2-HU00-XRF-PAS-100-1155- CU2-HU00-XRF-PAS-100-1115- CU2-HU00-XRF-PAS-100-1120

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DATE 08/09/2023



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STATUS FOR APPROVAL

DRAWING TITLE HUGHENDEN - CAMP & LAYDOWN EROSION AND SEDIMENT CONTROL PLAN

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