








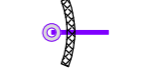





LEGEND:

- STANDARD SILT FENCE 
- CLEANWATER DIVERSION 
- DIVERSION BUND/ CONTOUR DRAIN 
- EX PERMANENT STREAM 
- EX INTERMITTENT STREAM 
- EXTENT OF WORKS 
- CATCHMENT BOUNDARIES 
- SIGNIFICANT ECOLOGIC AREA 
- SEDIMENT RETENTION POND 
- DECANTING EARTH BUND 
- TRANSPOWER SWING LINES 
- TRANSPOWER NO BUILD ZONE 
- TRANSPOWER PYLON 

SEDIMENT AND EROSION CONTROL NOTES:

1. LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL). THE CONTOUR INTERVAL IS: 0.5M.
2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL COMPLY WITH THE EROSION AND SEDIMENT CONTROL GUIDELINES FOR LAND DISTURBING ACTIVITIES, ARC TECHNICAL PUBLICATION TP90.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE OPERATIONAL PRIOR TO ANY OTHER WORKS COMMENCING ON SITE. THE CONTRACTOR SHALL ARRANGE FOR AND ATTEND A PRELIMINARY SEDIMENT CONTROL MEETING ONSITE WITH THE ENGINEER AND COUNCIL REPRESENTATIVE.
4. A COPY OF THE SEDIMENT CONTROL PLAN SHALL BE AVAILABLE ON SITE DURING WORK HOURS. ALL PERSONNEL INVOLVED IN EARTHWORK ACTIVITIES ON THE SITE (INCLUDING OF SUB-CONTRACTORS) SHALL BE FAMILIAR WITH THE PLANS REQUIREMENTS.
5. ALL "CLEAN WATER" RUNOFF FROM STABILIZED SURFACES INCLUDING CATCHMENT AREAS ABOVE THE SITE SHALL BE DIVERTED AWAY FROM THE EARTHWORK AREAS VIA A STABILIZED SYSTEM TO PREVENT EROSION.
6. THE MAIN SILT CONTROL MEASURES FOR THIS SITE ARE:
 - a. DIVERSION OF CLEAN WATER FROM UPSTREAM CATCHMENTS AROUND THE EARTHWORKS AREA BY MEANS OF DIVERSION BUNDS, AND /OR OTHER APPROVED METHODS AS DIRECTED BY THE ENGINEER;
 - b. REMOVAL OF SEDIMENT FROM SILT LADEN WATERS USING SILT PONDS, DECANTING EARTH BUNDS, OR SILT FENCES AS SHOWN;
 - c. STABILISATION OF THE SITE AGAINST EROSION AS SOON AS PRACTICABLE AND IN A PROGRESSIVE MANNER AS EARTHWORKS ARE FINISHED OVER VARIOUS AREAS OF THE SITE;
 - d. NEW CESSPITS MUST BE PROTECTED TO PREVENT SILT LADEN RUNOFF ENTERING THE NEW STORMWATER LINES; AND
 - e. MAINTENANCE OF ALL SEDIMENT CONTROL MEASURES AS REQUIRED.
7. FURTHER SEDIMENT CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER AS THE PROJECT ADVANCES. THESE WILL BE INSTALLED AS AND WHERE DIRECTED BY THE ENGINEER. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING THAT THE SITE HAS EFFECTIVE MEASURES OPERATING AT ALL TIMES.
8. ALL SILT PONDS ARE TO BE CHEMICALLY FLOCCULATED WITH POLY ALUMINUM CHLORIDE (PAC) OR AN APPROVED ALTERNATIVE. SET-UP OF PAC DOSING SYSTEMS IS BE UNDERTAKEN BY A SUITABILITY QUALIFIED SPECIALIST.
9. POND LOCATIONS CAN BE ALTERED ON SITE AFTER CONSULTATION WITH THE ENGINEER.

	ORIGINATOR: DV	DATE: 24/11/16	SIGNED:	PLOT BY: TM
	DRAWN: TM	DATE: 24/11/16	SIGNED:	PLOT DATE: 24/11/16
	CHECKED:	DATE:	SIGNED:	SURVEY BY:
A	FIRST ISSUE	TM	24/11/16	APPROVED:
REV	DESCRIPTION	BY	DATE	DATE:

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PROJECT:
AURANGA DEVELOPMENT
STAGE 3
BREMNER ROAD
DRURY

TITLE:
EROSION & SEDIMENT
CONTROL
OVERALL PLAN



ISSUE STATUS: FOR CONSENT		
PROJECT NO: 1013	SCALES: 1:1,000 @ A1 1:2,000 @ A3	A1
DRAWING NO: 1013-3-230		REV: A