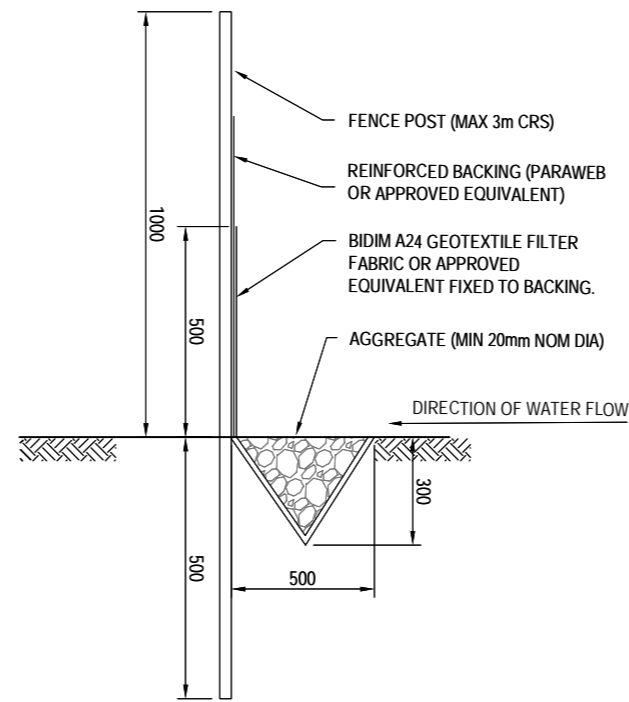
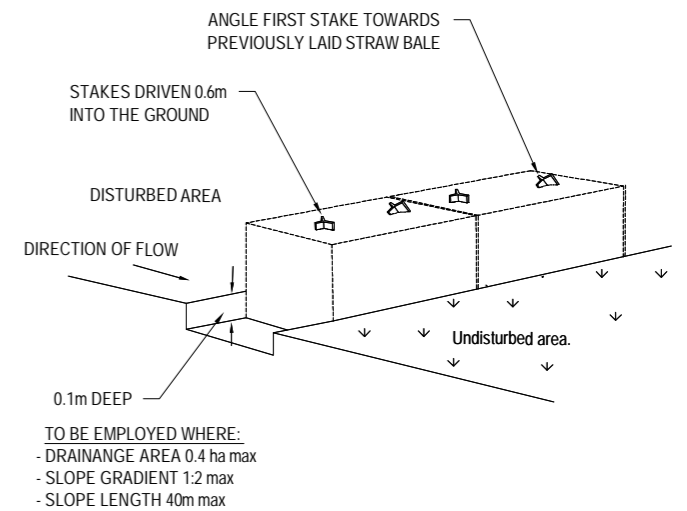
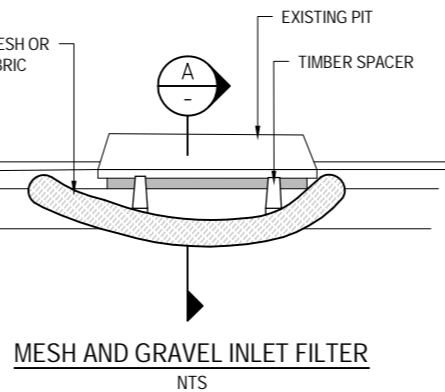
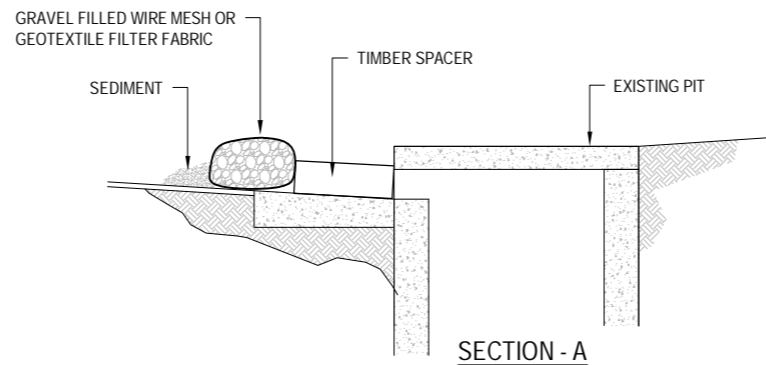


EROSION AND SEDIMENT CONTROL NOTES:

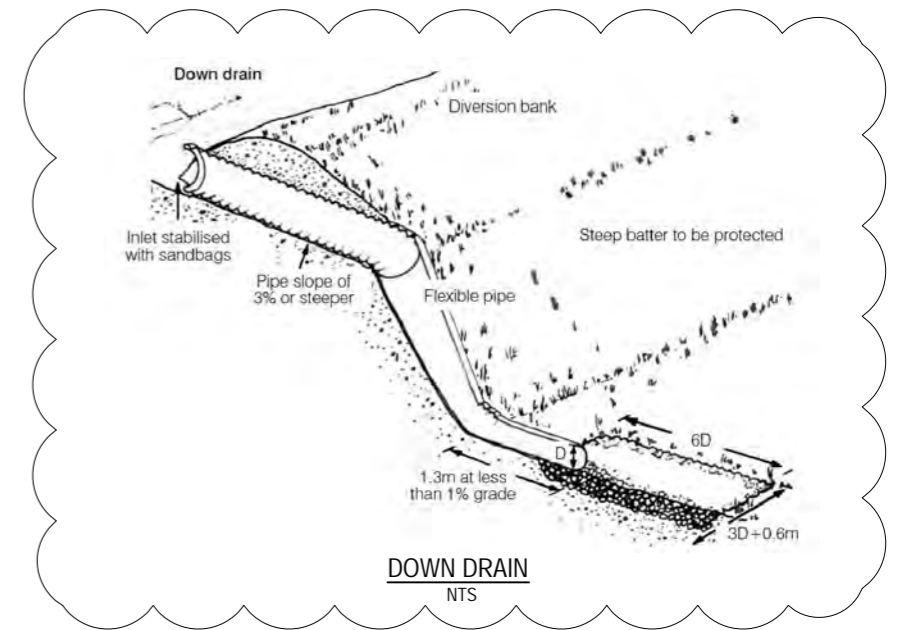
- ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AND STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GUIDELINES AND PRINCIPLES AS OUTLINED IN "ENVIRONMENT PROTECTION GUIDELINES FOR CONSTRUCTION LAND DEVELOPMENT IN THE ACT BY ENVIRONMENT PROTECTION AGENCY - MARCH 2011".
- ALL SEDIMENT CONTROL MEASURES ARE TO BE FULLY FUNCTIONAL PRIOR TO THE COMMENCEMENT OF ANY GENERAL SITE EARTHWORKS.
- THE CONTRACTOR SHALL REGULARLY MAINTAIN ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES AND REMOVE ACCUMULATED SILT FROM SUCH DEVICES BEFORE NO MORE THAN 60% OF THEIR CAPACITY IS LOST. ALL THE SILT REMOVED SHALL BE DISPOSED OF AS DIRECTED BY THE SUPERINTENDENT. NO SILT SHALL BE PLACED OUTSIDE THE LIMIT OF WORKS. THE PERIOD FOR MAINTAINING THE DEVICES SHALL BE IN ACCORDANCE WITH THE SPECIFICATION OR AS DIRECTED BY THE SUPERINTENDENT.
- WHERE PRACTICAL, CONSTRUCTION SHOULD BE PHASED SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF A WORKABLE SIZE. THIS WILL LIMIT THE DURATION FOR WHICH DISTURBED AREAS ARE EXPOSED TO EROSION. STABILISATION MEASURES SHALL BE APPLIED ON AN OPEN AND DISTURBED SECTION BEFORE THE NEXT SECTION IS OPENED UP.
- ALL VEHICLES SHALL ENTER AND EXIT THE SITE VIA THE ACCESS POINT(S) IDENTIFIED BY THE SUPERINTENDENT. A STABILISED PAD COMPRISING AGGREGATE OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT, UNDERLAIN WITH FILTER CLOTH, SHALL BE CONSTRUCTED AT ALL SUCH ENTRY & EXIT POINTS AND SHALL COMPLY WITH THE FOLLOWING:
 - A) AGGREGATE: NOM. SIZE 50mm AGGREGATE OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT OF NOT LESS THAN 150mm THICKNESS.
 - B) DIMENSIONS:
 - (I) WIDTH: MIN. 3m WIDE BUT NOT LESS THAN THE FULL WIDTH OF VEHICLE ACCESS.
 - (II) LENGTH: AS REQUIRED BUT NOT LESS THAN 15m.
 - C) FILTER CLOTH: TO BE PLACED OVER THE ENTIRE PAD AREA AND TO CONSIST OF TERRAM 1000, POLYFELT TS500, BIDIM U24, TERRATRACK 2415 OR EQUIVALENT.
- ALL TOPSOIL OR SELECT FILL TO BE STOCKPILED SHALL BE PLACED IN THE AREAS APPROVED BY THE SUPERINTENDENT.
- THE CONTRACTOR SHALL ENSURE THAT UNSEALED AREAS ARE KEPT DAMP WHERE VEHICLE MOVEMENTS ARE REQUIRED. A SUPPLY OF WATER SHALL BE AVAILABLE AT ALL TIMES.
- ON SITE STORMWATER SUMP PROTECTION WORKS SHALL BE USED DURING THE CONSTRUCTION OF ALL PITS UNTIL SUCH TIME THAT PIT LIDS ARE COMPLETED AND FITTED.
- WHEN CONSTRUCTION IS HALTED BY WET WEATHER, HOLIDAYS, OR OTHER SHUTDOWNS THE SITE SHALL BE LEFT IN A STABLE CONDITION AND SHALL BE MADE SAFE TO THE PUBLIC AND OTHERS AT ALL TIMES. REGULAR DAILY INSPECTIONS SHALL BE CARRIED OUT DURING THIS PERIOD TO ENSURE CONTINUAL EFFECTIVENESS OF SOIL EROSION AND SEDIMENT CONTROL MEASURES.
- ALL ROADS WITHIN THE LIMIT OF WORKS AND IMMEDIATELY ADJACENT TO WORK SITE SHALL BE SWEEPED CLEAN ON A DAILY BASIS. ALL TRUCK AND OTHER PLANT REMOVING SPOIL FROM THE SITE, MUST BE COVERED TO AVOID ALL DUST AND DEPOSITION OF ANY MATERIAL.
- ALL DISTURBED AREAS ARE TO BE REINSTATED TO MATCH EXISTING CONDITION AND SEEDED AS PER LANDSCAPE ARCHITECT'S DRAWINGS.
- TREES WITHIN THE WORKSITE ARE TO BE PROTECTED AS ADVISED ON THE LANDSCAPE DRAWINGS OR AT DIRECTION OF THE SUPERINTENDANT.
- ALL DEVICES EXCEPT SILT TRAPS SHALL BE REMOVED ON COMPLETION OF WORKS AND THE AREA REINSTATED TO THE SATISFACTION OF THE SUPERINTENDENT.
- ALL HARD SURFACES, INCLUDING ROAD GUTTERS TO BE DRY SWEEPED BEFORE RAIN.
- THE CONTRACTOR IS TO ENSURE DISPOSAL OF LITTER OFF SITE ON A REGULAR BASIS AND AT A SUITABLE WASTE DISPOSAL STATION.
- BURNING OR INCINERATION OF WASTES OR MATERIALS IS STRICTLY PROHIBITED.
- MATERIALS TRANSPORTED IN OPEN TRUCKS ARE TO BE COVERED TO PREVENT DUST GENERATION.
- THIS EROSION AND SEDIMENT CONTROL CONCEPT IS TO BE USED AS A BASIS FOR THE PREPARATION BY THE CONTRACTOR OF THE FINAL EROSION AND SEDIMENT CONTROL PLAN IN CONSULTATION WITH THE ENVIRONMENT PROTECTION AUTHORITY.



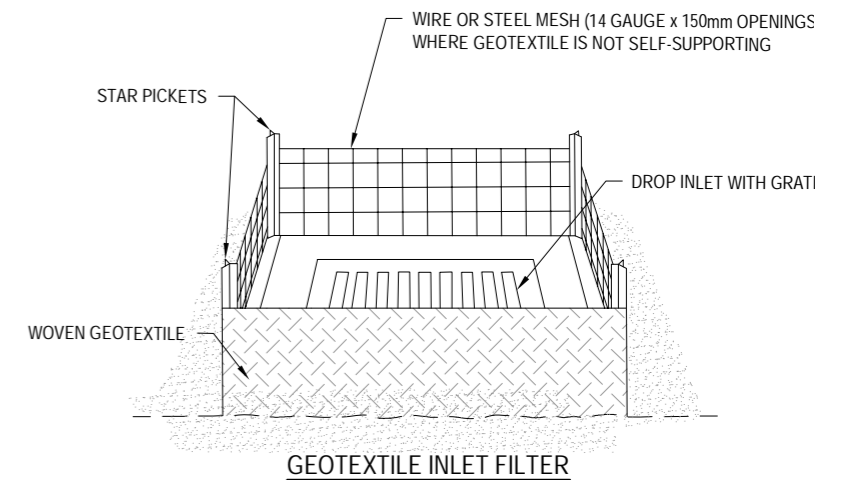
SEDIMENT FENCE FILTER
NTS



STRAW BALE FILTER



DOWN DRAIN
NTS



GEOTEXTILE INLET FILTER

No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date
C		ADDITIONAL DETAILS ADDED (DA)	MPQ	ML*	CK*	09.08.11
B		DETAILS AND NOTES UPDATED (DA)	MPQ	ML*	CK*	26.08.11
A		FSP ISSUE	MPQ	ML*	GV*	04.05.11

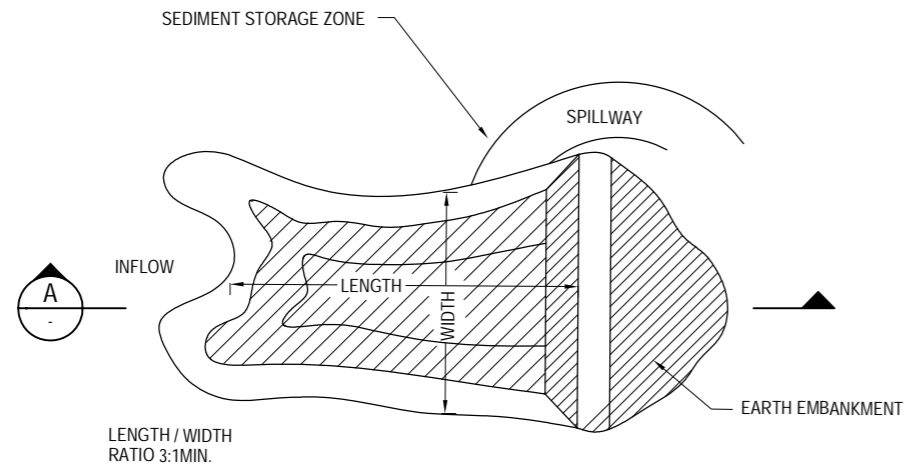


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Drawn	M.QUITORIANO
Designer	G.DOUGHERTY
Drafting Check	Design Check
Approved (Project Director)	Date
Scale	NTS

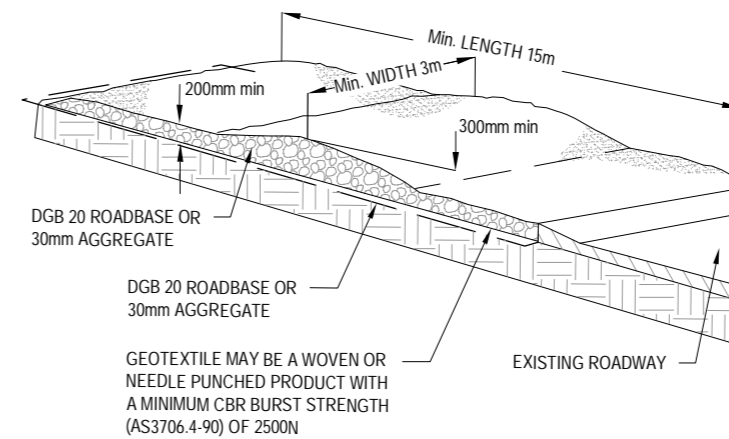
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Client	MOLNGLO INFRASTRUCTURE - STAGE 1D
Project	EROSION AND SEDIMENT CONTROL CONCEPT PLAN
Title	DETAILS AND NOTES - SHEET 1 OF 2
Original Size	A3
Drawing No:	23-12739-C7404
Rev:	C

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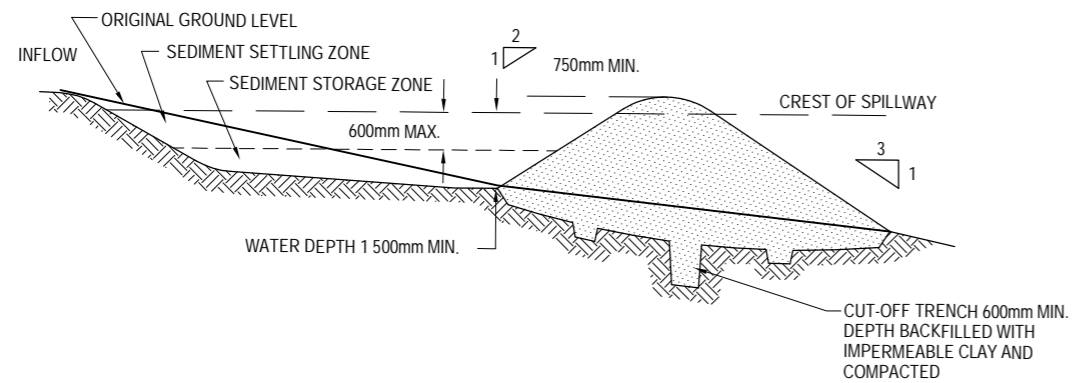
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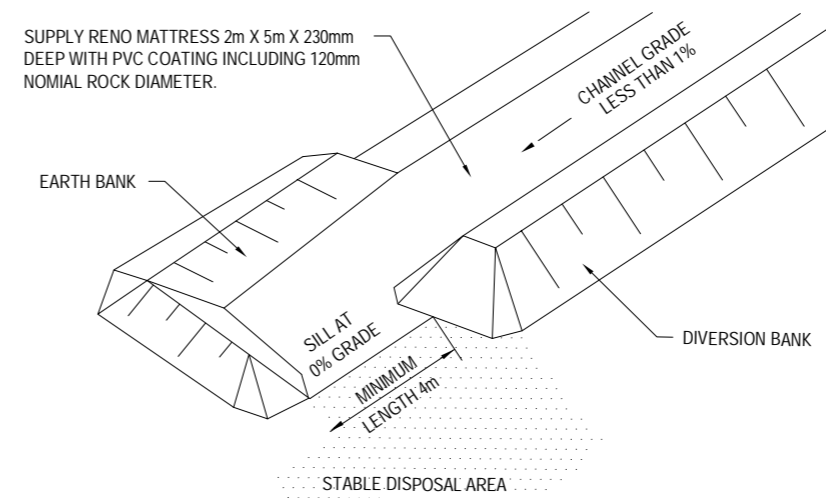
PLAN - EARTH BASIN WET
NTS



STABILISED SITE ACCESS
NTS



A SECTION
NTS



LEVEL SPREADER
NTS

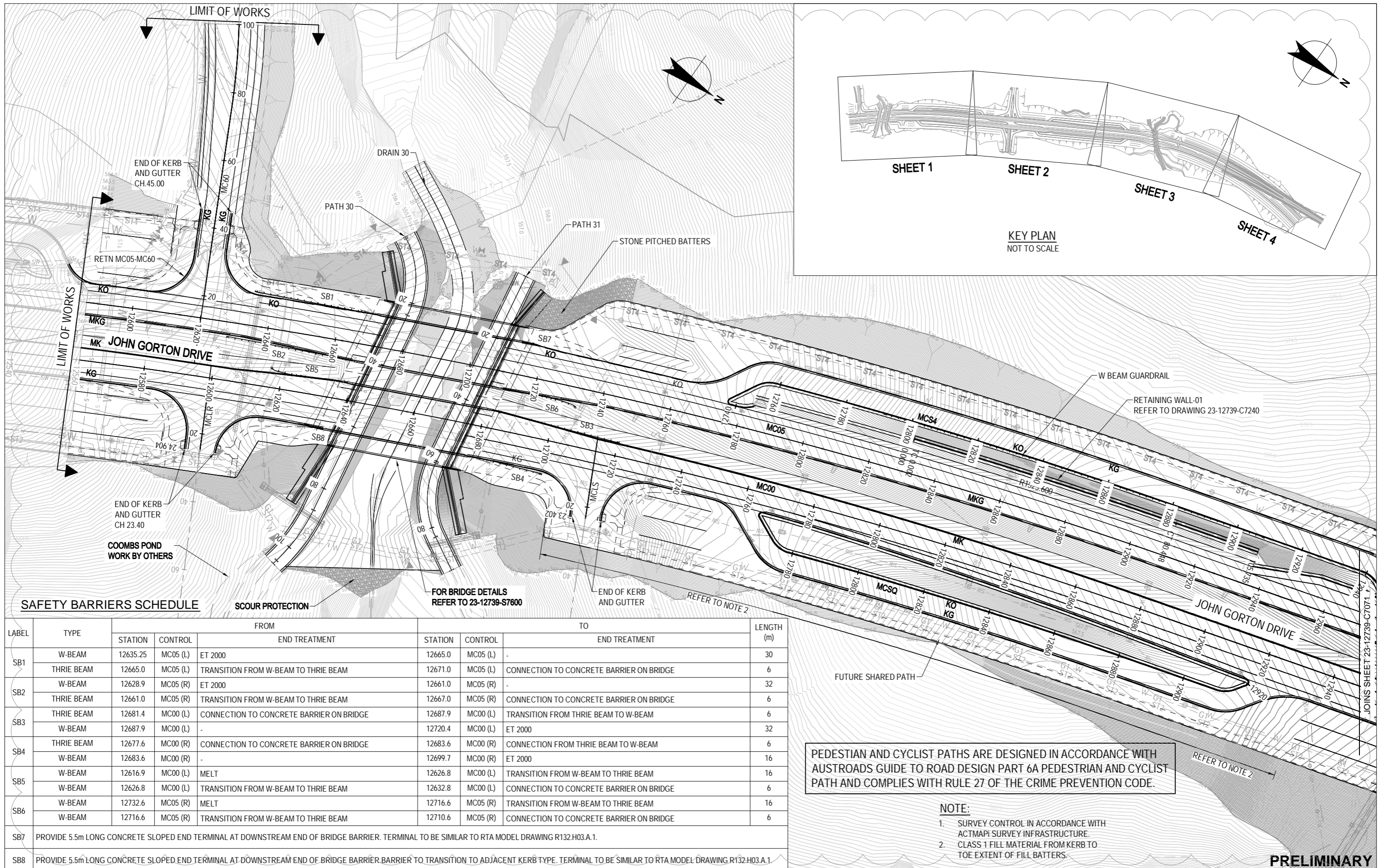
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No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date
B	DETAILS ADDED (DA)		MPQ	ML*	CK*	26.08.11
A	FSP ISSUE		MPQ	ML*	GV*	04.05.11



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	Approved (Project Director)	Date
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Client	PROCUREMENT SOLUTIONS
Project	MOLONGLO INFRASTRUCTURE - STAGE 1D
Title	EROSION & SEDIMENT CONTROL DETAILS AND NOTES - SHEET 2 OF 2
Original Size	A3
Drawing No:	23-12739-C7405
Rev:	B



SAFETY BARRIERS SCHEDULE

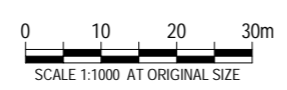
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SB2	W-BEAM	12628.9	MC05 (R)	ET 2000	12661.0	MC05 (R)	-	32
	THRIE BEAM	12661.0	MC05 (R)	TRANSITION FROM W-BEAM TO THRIE BEAM	12667.0	MC05 (R)	CONNECTION TO CONCRETE BARRIER ON BRIDGE	6
SB3	THRIE BEAM	12681.4	MC00 (L)	CONNECTION TO CONCRETE BARRIER ON BRIDGE	12687.9	MC00 (L)	TRANSITION FROM THRIE BEAM TO W-BEAM	6
	W-BEAM	12687.9	MC00 (L)	-	12720.4	MC00 (L)	ET 2000	32
SB4	THRIE BEAM	12677.6	MC00 (R)	CONNECTION TO CONCRETE BARRIER ON BRIDGE	12683.6	MC00 (R)	CONNECTION FROM THRIE BEAM TO W-BEAM	6
	W-BEAM	12683.6	MC00 (R)	-	12699.7	MC00 (R)	ET 2000	16
SB5	W-BEAM	12616.9	MC00 (L)	MELT	12626.8	MC00 (L)	TRANSITION FROM W-BEAM TO THRIE BEAM	16
	W-BEAM	12626.8	MC00 (L)	TRANSITION FROM W-BEAM TO THRIE BEAM	12632.8	MC00 (L)	CONNECTION TO CONCRETE BARRIER ON BRIDGE	6
SB6	W-BEAM	12732.6	MC05 (R)	MELT	12716.6	MC05 (R)	TRANSITION FROM W-BEAM TO THRIE BEAM	16
	W-BEAM	12716.6	MC05 (R)	TRANSITION FROM W-BEAM TO THRIE BEAM	12710.6	MC05 (R)	CONNECTION TO CONCRETE BARRIER ON BRIDGE	6
SB7	PROVIDE 5.5m LONG CONCRETE SLOPED END TERMINAL AT DOWNSTREAM END OF BRIDGE BARRIER. TERMINAL TO BE SIMILAR TO RTA MODEL DRAWING R132.H03.A.1.							
SB8	PROVIDE 5.5m LONG CONCRETE SLOPED END TERMINAL AT DOWNSTREAM END OF BRIDGE BARRIER. BARRIER TO TRANSITION TO ADJACENT KERB TYPE. TERMINAL TO BE SIMILAR TO RTA MODEL DRAWING R132.H03.A.1.							

PEDESTIAN AND CYCLIST PATHS ARE DESIGNED IN ACCORDANCE WITH AUSTRoads GUIDE TO ROAD DESIGN PART 6A PEDESTRIAN AND CYCLIST PATH AND COMPLIES WITH RULE 27 OF THE CRIME PREVENTION CODE.

- NOTE:**
- SURVEY CONTROL IN ACCORDANCE WITH ACTMAP1 SURVEY INFRASTRUCTURE.
 - CLASS 1 FILL MATERIAL FROM KERB TO TOE EXTENT OF FILL BATTERS.

PRELIMINARY

C	UPDATED DRAWING (DA)	GD	ML*	CK*	15.09.11
B	REVISED DRAWING (DA)	MPQ	ML*	CK*	26.08.11
A	FSP ISSUE	TM	ML*	GV*	04.05.11
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				Project Director	Date



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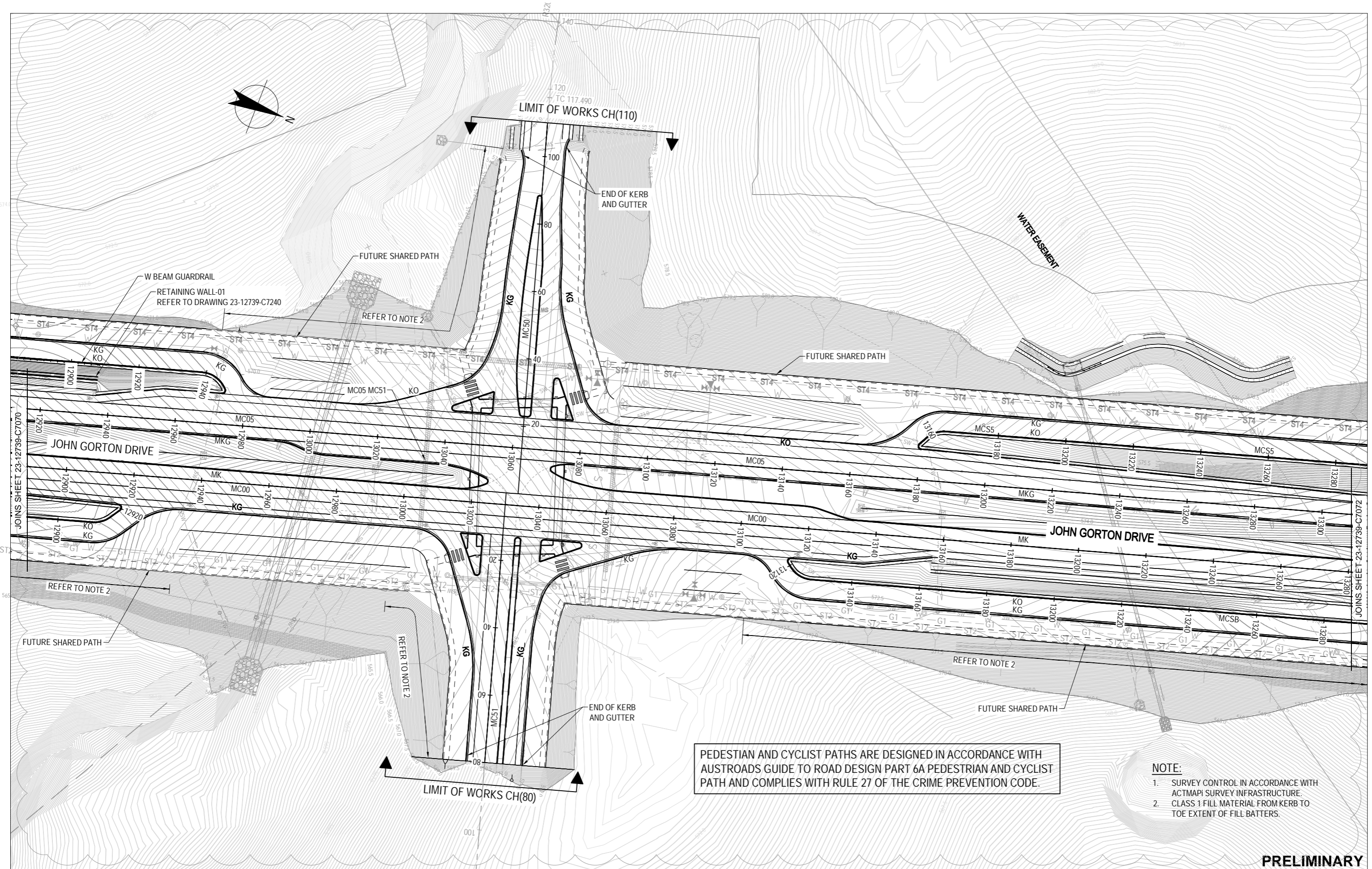
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 Design Check
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PROCUREMENT SOLUTIONS
MOLONGLO INFRASTRUCTURE - STAGE 1D

GENERAL ARRANGEMENT - SHEET 1 OF 4

Original Size **A3** Drawing No: **23-12739-C7070** Rev: **C**



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- NOTE:**
1. SURVEY CONTROL IN ACCORDANCE WITH ACTMAPI SURVEY INFRASTRUCTURE.
 2. CLASS 1 FILL MATERIAL FROM KERB TO TOE EXTENT OF FILL BATTERS.

PRELIMINARY

C	UPDATED DRAWING (DA)	GD	ML*	CK*	15.08.11
B	REVISED DRAWING (DA)	MPQ	ML*	CK*	26.08.11
A	FSP ISSUE	TM	ML*	GV*	04.05.11
No	Revision	Note:	* indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager
				Project Director	Date



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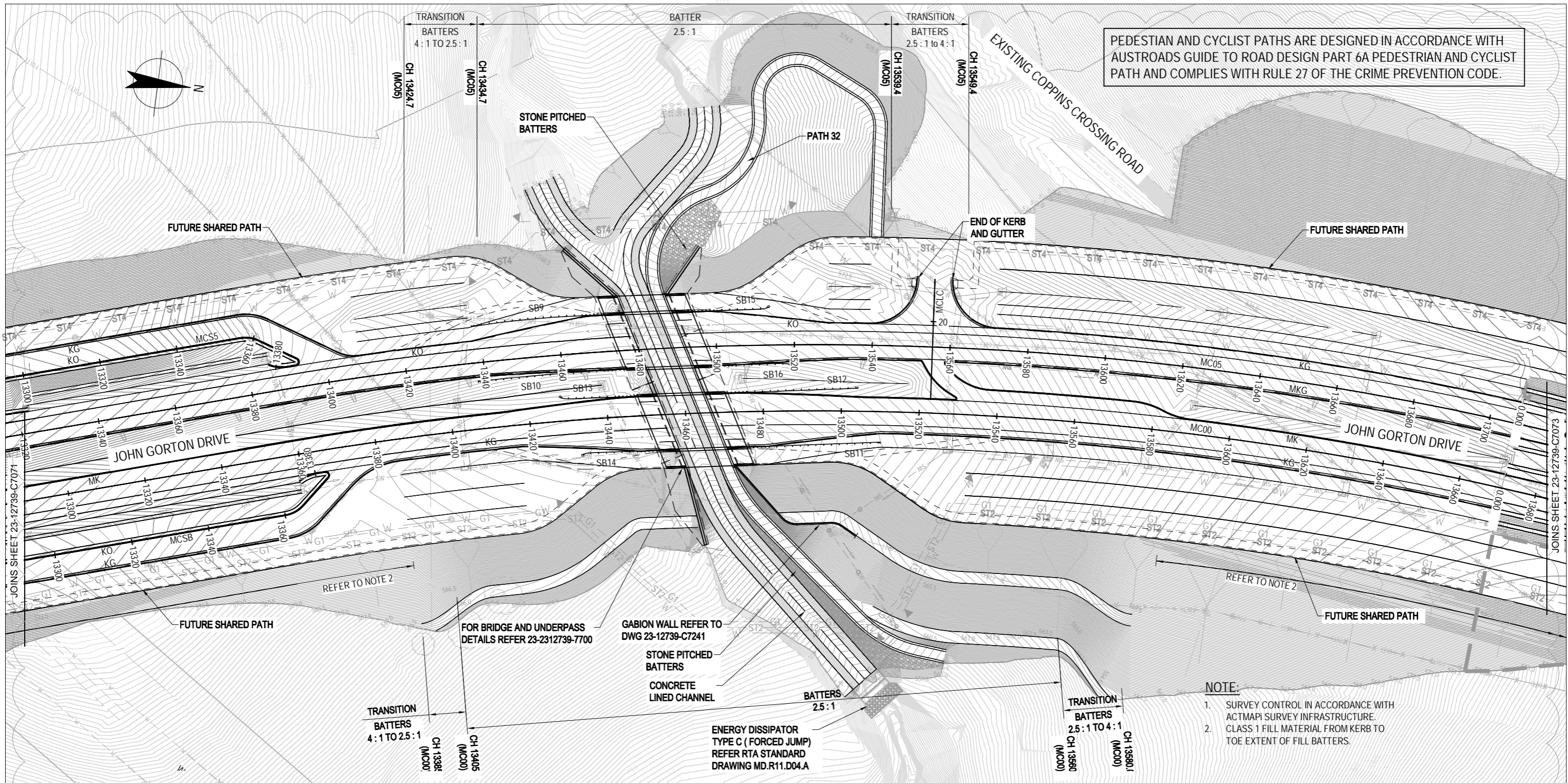
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PROCUREMENT SOLUTIONS
MOLONGLO INFRASTRUCTURE - STAGE 1D

GENERAL ARRANGEMENT - SHEET 2 OF 4

Original Size **A3** Drawing No: **23-12739-C7071** Rev: **C**



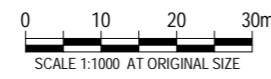
SAFETY BARRIERS SCHEDULE

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	THRIE BEAM	13466.2	MC05 (L)	TRANSITION FROM W-BEAM TO THRIE BEAM	13472.2	MC05 (L)	CONNECTION TO CONCRETE BARRIER ON BRIDGE	6
SB10	W-BEAM	13438.7	MC05 (R)	ET 2000	13470.9	MC05 (R)	-	28
	THRIE BEAM	13470.9	MC05 (R)	TRANSITION FROM W-BEAM TO THRIE BEAM	13476.9	MC05 (R)	CONNECTION TO CONCRETE BARRIER ON BRIDGE	6
SB11	THRIE BEAM	13469.9	MC00 (R)	CONNECTION TO CONCRETE BARRIER ON BRIDGE	13475.9	MC00 (R)	TRANSITION FROM THRIE BEAM TO W-BEAM	6
	W-BEAM	13475.9	MC00 (R)	-	13503.7	MC00 (R)	ET 2000	28
SB12	THRIE BEAM	13475.4	MC00 (L)	CONNECTION TO CONCRETE BARRIER ON BRIDGE	13481.4	MC00 (L)	CONNECTION FROM THRIE BEAM TO W-BEAM	6
	W-BEAM	13481.4	MC00 (L)	-	13509.6	MC00 (L)	ET 2000	28

LABEL	TYPE	FROM			TO			LENGTH (m)
		STATION	CONTROL	END TREATMENT	STATION	CONTROL	END TREATMENT	
SB13	W-BEAM	134531.1	MC00 (L)	TT	13447.1	MC00 (L)	TRANSITION FROM W-BEAM TO THRIE BEAM	14
	THRIE BEAM	13447.1	MC00 (L)	-	13432.9	MC00 (L)	CONNECTION TO CONCRETE BARRIER ON BRIDGE	6
SB14	W-BEAM	13448.2	MC00 (R)	TT	13442.2	MC00 (R)	CONNECTION FROM THRIE BEAM TO W-BEAM	14
	THRIE BEAM	13442.2	MC00 (R)	-	13428.4	MC00 (R)	CONNECTION TO CONCRETE BARRIER ON BRIDGE	6
SB15	THRIE BEAM	13493.6	MC05 (L)	CONNECTION TO CONCRETE BARRIER ON BRIDGE	13499.6	MC05 (L)	CONNECTION FROM THRIE BEAM TO W-BEAM	6
	W-BEAM	13499.6	MC05 (L)	-	13513.5	MC05 (L)	TT	14
SB16	THRIE BEAM	13498.9	MC05 (R)	CONNECTION TO CONCRETE BARRIER ON BRIDGE	13504.9	MC05 (R)	CONNECTION FROM THRIE BEAM TO W-BEAM	6
	W-BEAM	13504.9	MC05 (R)	-	13519.0	MC05 (R)	TT	14

PRELIMINARY

No	Revision	Note	Drawn	Job Manager	Project Director	Date
C	UPDATED DRAWING (DA)		GD	ML*	CK*	15.09.11
B	REVISED DRAWING (DA)		MPQ	ML*	CK*	26.08.11
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PROCUREMENT SOLUTIONS
MOLONGLO INFRASTRUCTURE - STAGE 1D

GENERAL ARRANGEMENT - SHEET 3 OF 4

Original Size **A3** Drawing No: **23-12739-C7072** Rev: **C**