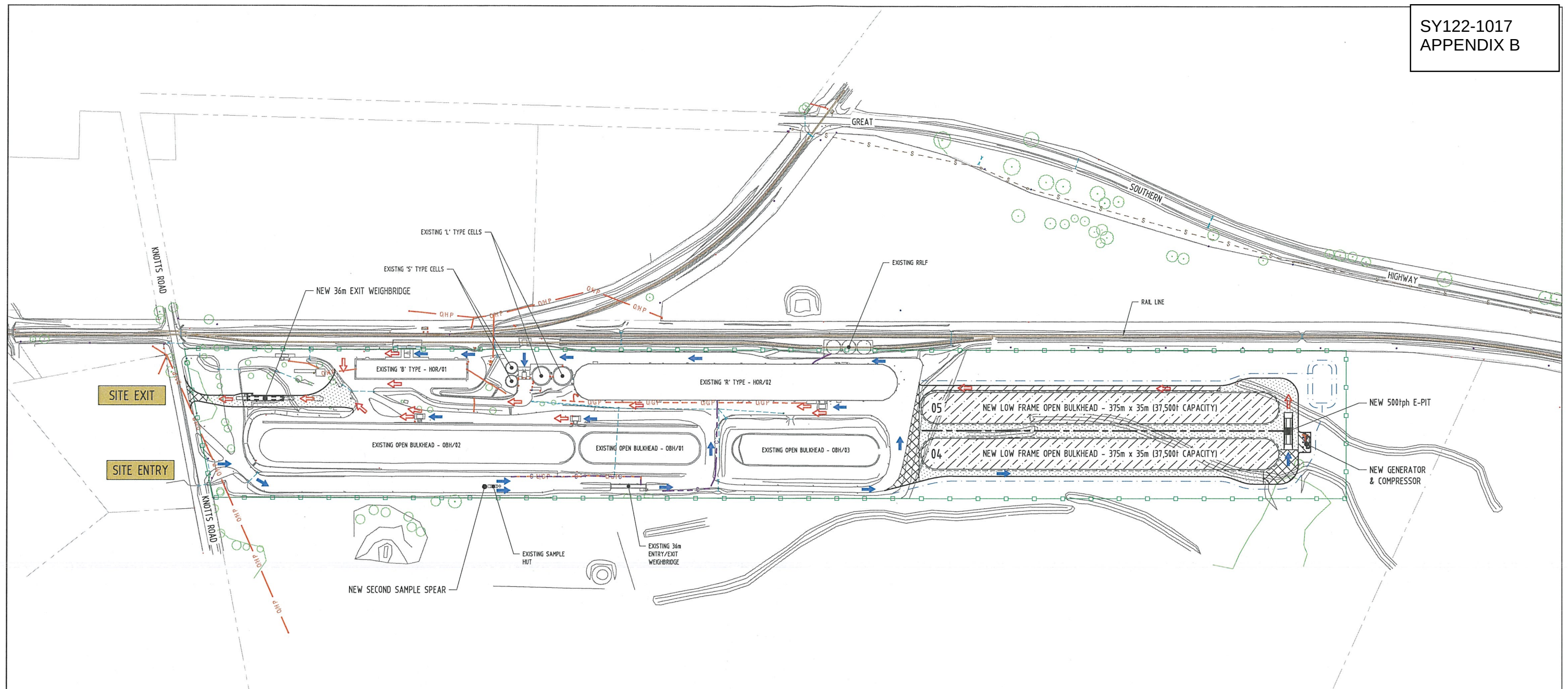
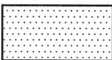
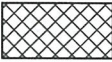
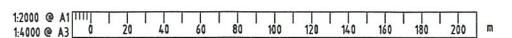
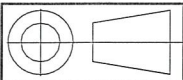




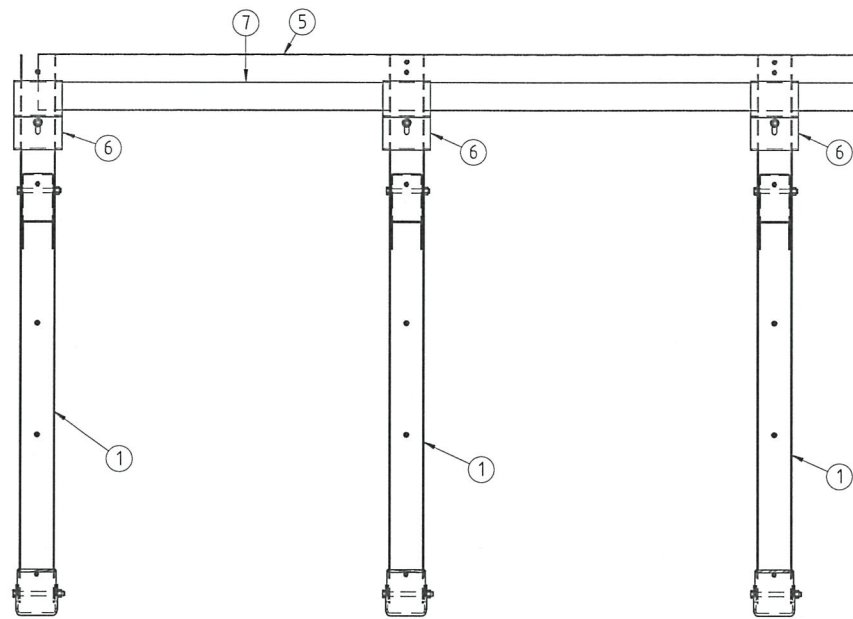
CIVIL LEGEND	SCOPE OF EQUIPMENT / CIVIL WORKS	PAVEMENT LEGEND	PRELIMINARY PAVEMENT QUANTITIES
 TRAFFIC MOVEMENTS - TRUCKS FULL  TRAFFIC MOVEMENTS - TRUCKS EMPTY  LOT BOUNDARIES  CBH SITE BOUNDARY  OVERHEAD POWER LINES  UNDERGROUND POWER LINES  UNDERGROUND WATER PIPES  UNDERGROUND STORMWATER PIPES  UNDERGROUND COMMS LINES  PROPOSED OPEN DRAINS  PROPOSED DRAINAGE BASIN	1. INSTALL 1 x 36m ABOVE GROUND 160t WEIGHBRIDGE WITH HUT 2. INSTALL 2 x 375m LOW STEEL FRAMED OPEN BULKHEAD (04) & (05). 3. INSTALL 1 x 500tph E-PIT 4. INSTALL 1 x 370m GROUND CONVEYOR (GC03) 5. INSTALL 2 x TRIPPERS. 6. INSTALL 2 x STACKERS. 7. PAVEMENT AS SPECIFIED. 8. ASPHALT SURFACE AS SPECIFIED. 9. DRAINAGE DESIGN AS REQUIRED. 10. TRAFFIC MANAGEMENT SIGNS AS REQUIRED.	 30mm THICK ASPHALT (10mm) ON 7mm METAL SEAL ON NEW 400mm RIDGE GRAVEL BASE TOP 200mm CEMENT STABILISED (3% BY WEIGHT)  30mm THICK DENSE GRADED ASPHALT (10mm) ON 7mm METAL SEAL ON NEW 400mm RIDGE GRAVEL BASE  50mm THICK DENSE GRADED ASPHALT (10mm) ON 7mm METAL SEAL ON NEW 400mm RIDGE GRAVEL BASE TOP 200mm CEMENT STABILISED (3% BY WEIGHT)  2 COAT METAL EMULSION SEAL (14/7) ON NEW 400mm RIDGE GRAVEL BASE TOP 200mm CEMENT STABILISED (3% BY WEIGHT)  2 COAT METAL EMULSION SEAL (14/7) ON NEW 400mm RIDGE GRAVEL BASE	<u>SURFACE TREATMENT</u> 2 COAT SEAL (AREA) 1,950m² 30mm DENSE GRADED ASPHALT 23,700m² 30mm ASPHALT 14,100m² 50mm DENSE GRADED ASPHALT 2,300m² <u>SUBGRADE</u> CEMENT STABILISED RIDGE GRAVEL (2% BY WEIGHT) 3,650m³ RIDGE GRAVEL 13,200m³

PRELIMINARY ISSUE
DO NOT USE FOR CONSTRUCTION
DATE 29.05.17

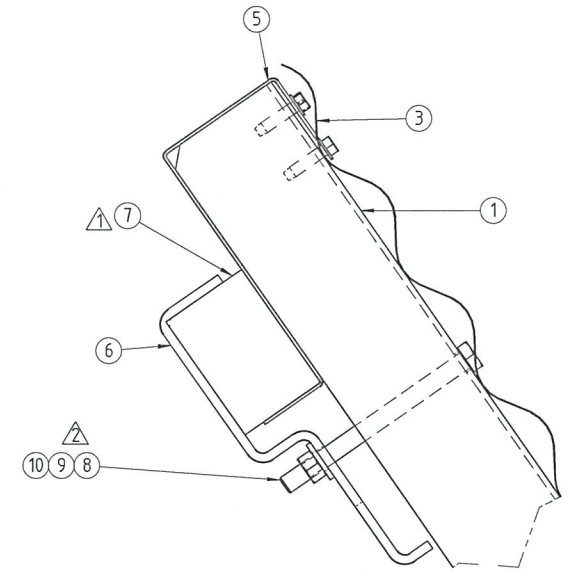
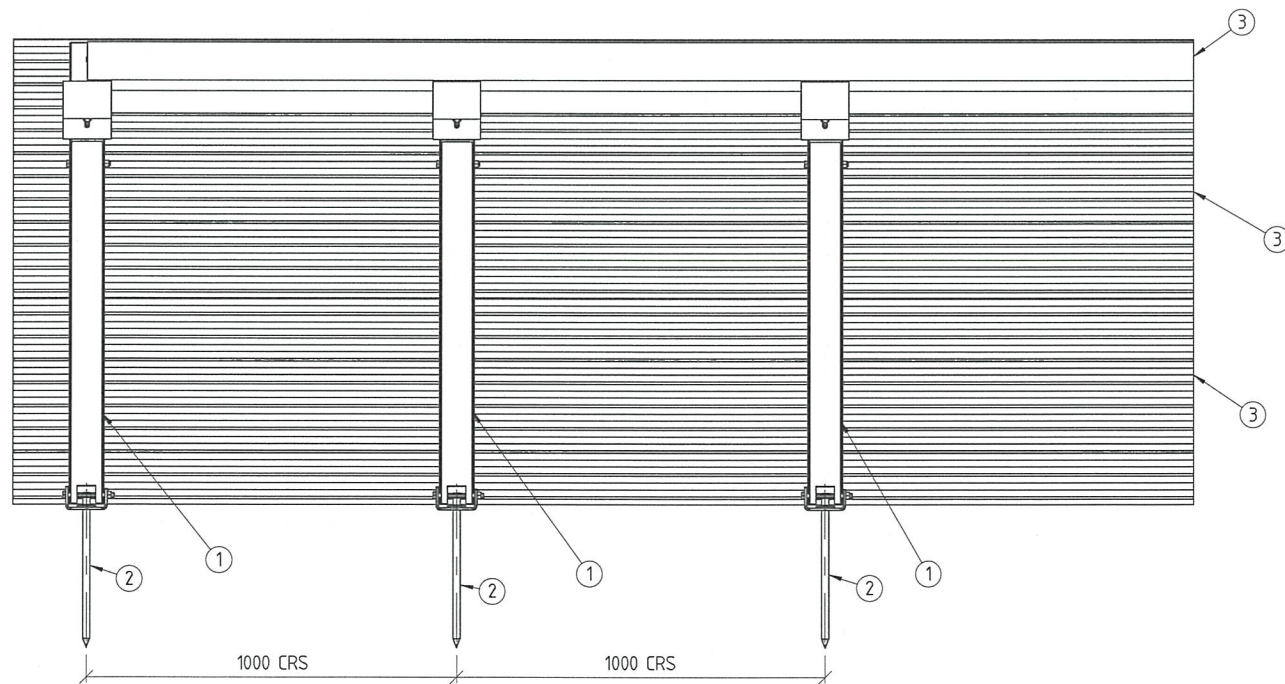




PARTS LIST (PER UNIT)											
ITEM	DESCRIPTION	WIDTH	LENGTH	QTY	CBH DRG OR SUPPLIER PART No	PROCESS	SAP Code	MASS Kg	TO DETAIL	SURFACE TREATMENT	COATING S
1	1.2m OBH FRAME ASSEMBLY			3	S-056-A0001	FITTING	N/A	18.9	Yes	N/A	N/A
2	DIA 20 STAKE		420	6	S-014-A0000	FIELD KIT	TBA	1.2	Yes	GALVANIZE	N/A
3	CUSTOM ORB ZINC ALUME 0.47mm		3200	2	ROOFMART	FITTING	102860	1.4	No		
4	SCREW HI-TEK HEX 14-20x22mm WITH SEAL			18		FIELD KIT	501922	0.0	No	ZP	N/A
5	1.6PGI	300	3000	1	S-056-P0011	FAB SHEET	108015	11.4	Yes	N/A	N/A
6	SPL	130	257	3	S-056-P0012	FAB PROFILE	107901	1.3	Yes	GALVANIZE	N/A
7	TIMBER SAWN KARRI STRUC3 75MMx50MMx3M	75	3000	1	S-056-P0014	FITTING	108594	6.2	No	N/A	N/A
8	M10 x 120 GALV BOLT			3		FIELD KIT	109251	0.1	No	N/A	N/A
9	M10 GALV. NUT			3		FIELD KIT	109251	0.0	No	N/A	N/A
10	M10 GALV FW			3		FIELD KIT	110164	0.0	No	N/A	N/A
11	O.B.H CONSTRUCTION SPECS. 2010				DOC'S #899017	FIELD KIT					

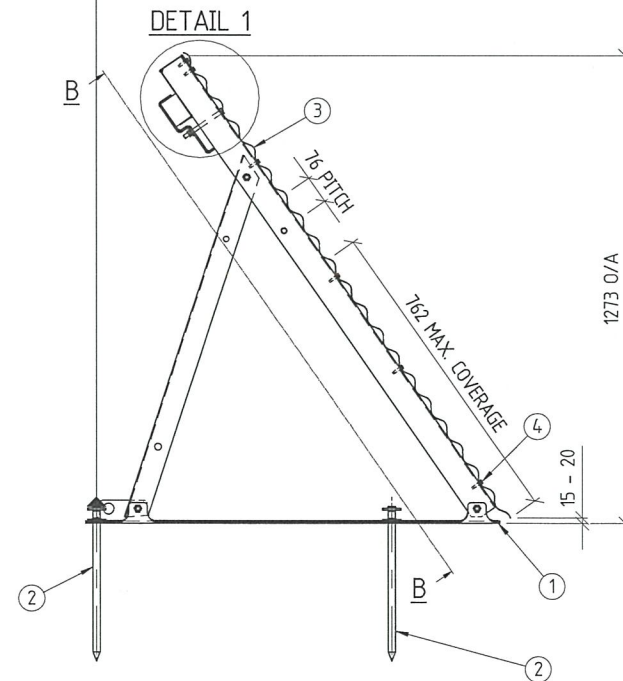


SECTION B-B



DETAIL 1

WORK POINT
LAYOUT FOR ALL BULKHEADS
FROM THIS POINT.
BULKHEAD WIDTH REF. TO SITE PLAN
←-----→

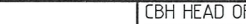


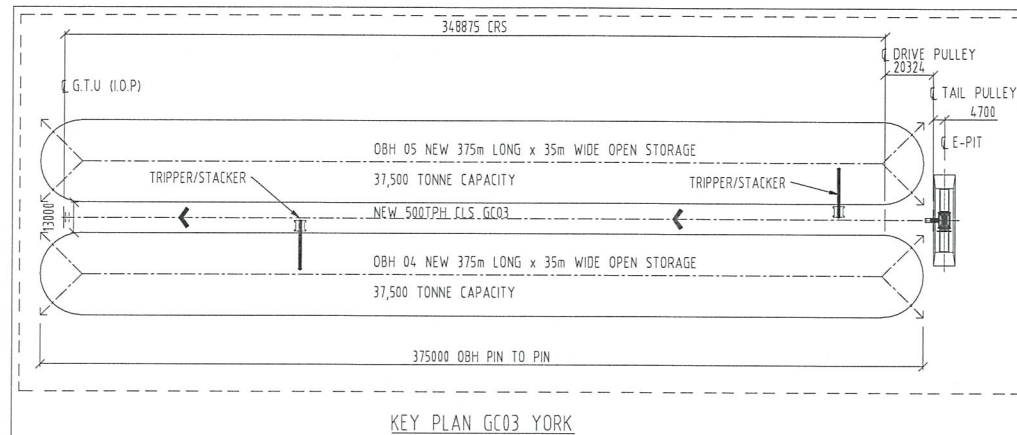
1.2m BULKHEAD FRAME MODULE

OPEN BULKHEAD
CONSTRUCTION SPECIFICATIONS 2010
DOC'S #899017
MANUAL TO BE SUPPLIED TO
CONTRACTORS ERECTING BULKHEADS

- GENERAL NOTES:
1. ALL STEELWORKS, WELDING & FABRICATION TO CONFORM WITH CURRENT S.A.A CODES AS1554 CAT SP.
 2. REMOVE ALL BURRS & SHARP EDGES.
 3. ALL WELDS TO BE 6 FILLET UNO & 3 FILLET ON 3PL.
 4. ALL FASTENERS TO BE GR.4.6 ZP UNO.
 5. ALL MILD STEEL PLATE & SHEET TO BE MIN. GR.250 UNO.
 6. ALL STRUCTURAL STEEL TO BE MIN. GR.300 UNO.
 7. ALL GALVANISED STEEL TO BE IN ACCORDANCE WITH AS1397 AND OF GRADE G22Z75 OR EQUIV.

ASSIGNED TO:	
DATE COMPLETED:	
QTY. COMPLETED:	
SIGNATURE:	
SURFACE TREATMENT:	N/A
COATING SPEC:	N/A
TOTAL MASS:	88.4 kg

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- GENERAL NOTES (UNLESS NOTED OTHERWISE):
1. ALL STEELWORKS, WELDING & FABRICATION TO CONFORM WITH CURRENT AS1554 CAT SP.
 2. REMOVE ALL BURRS & SHARP EDGES.
 3. ASSEMBLY TO BE CONTINUOUS FULLY WELDED WITH MINIMUM 3mm FILLET FOR 3mm PLATE 6mm FILLET FOR 4mm TO <12mm PLATE 8mm FILLET FOR 12mm TO <20mm PLATE 10mm FILLET FOR 20mm TO <32mm PLATE
 4. ALL FASTENERS TO BE GR4.6 GALV U.O.N
 5. ALL STEEL PLATE & SHEET TO BE MIN. GR.250
 6. ALL STRUCTURAL STEEL TO BE MIN. GR.300
 7. ALL GALVANISED STEEL TO BE IN ACCORDANCE WITH AS1397 AND OF GRADE G32275 OR EQUIV.

ENSURE ALL ITEMS ARE SUPPLIED WITH THE CORRECT SURFACE TREATMENT AS PER TS4 - PROJECT & MAINTENANCE COATINGS.

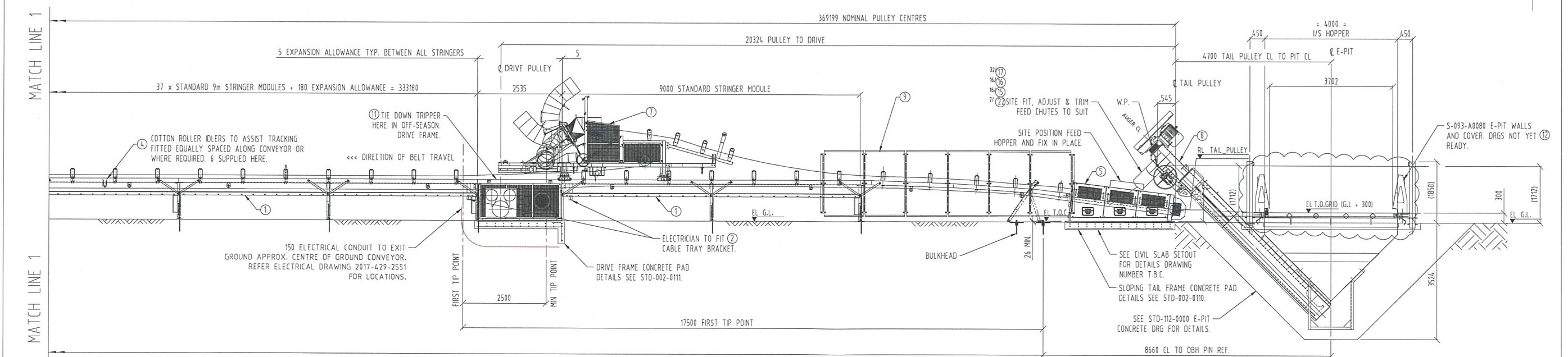
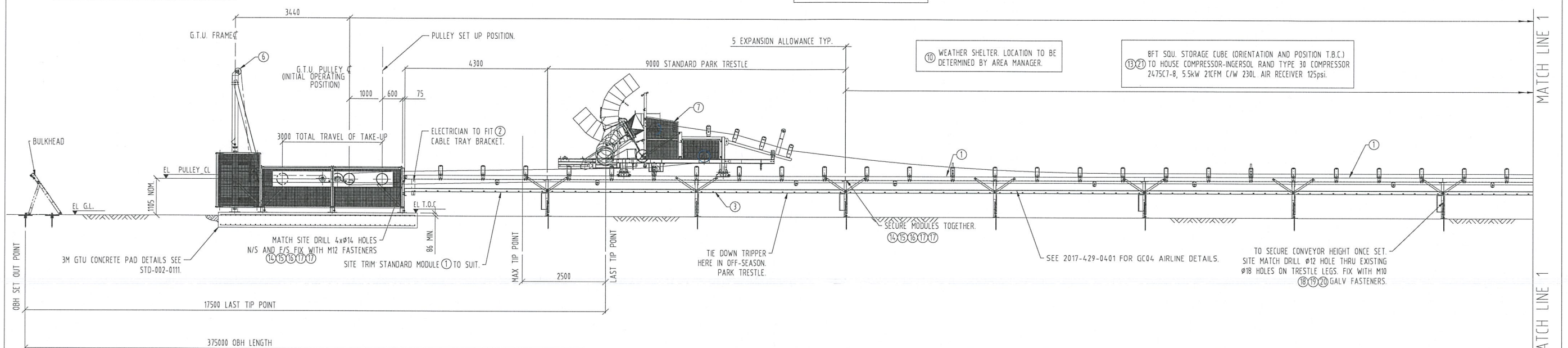
AUSTRALIAN STEEL VERSION.

DRIVE CONFIGURATION	
MOTOR:	CMG
- POWER:	55 kW
- SPEED:	147 rpm
- FRAME:	280V
DRIVE PULLEY:	Ø530 mm
GEARBOX:	DODGE-TAB30TH (5.1) Ø80 BORE
DRIVE 'V' BELT PULLEY:	Ø250SPB TALK 315 Ø110 mm
DRIVEN 'V' BELT PULLEY:	Ø110SPB TALK 315 Ø81 Ø2 mm
'V' BELT LENGTH:	SPB 3358 mm

CONVEYOR BELT	
SPEED:	3.41 m/s
WIDTH:	900 mm
DESIGNATION:	EP400-3PLY
RATING RUN/START:	- kN
TAPE LENGTH:	750m + 3m SPLICE = 753 m
THICKNESS:	MIN 8.1 mm
TOP COVER/BOTTOM COVER:	3/15 mm
COVER GRADE:	AS1333 E GRADE
MASS:	9.5 kg/m

CONVEYOR DATA	
CAPACITY:	500 tph
CAPACITY MAX. FUTURE:	- tph
LIFT EFFECTIVE:	- m
WEIGHT REQ'D FOR G.T.U.:	2300 kg
MATERIAL:	WHEAT
BULK DENSITY:	770 kg/m ³
SURCHARGE ANGLE:	10 °
POWER DEMAND:	58 kW
POWER INSTALLED:	55 kW

BILL OF MATERIALS									
ITEM	DESCRIPTION	QTY	CBH OR SUPPLIER PART No	PROCESS	SAP Code	MASS Kg	TO DETAIL	SURFACE TREATMENT	C/SPEC.
1	9m STD STRINGER MODULE	39	S-019-A0000	FITTING	N/A	593.1	Yes	N/A	N/A
2	CABLE TRAY SUPPORT BRACKET	3	S-019-A0008	FIELD KIT	N/A	4.9	Yes	GALVANIZE	N/A
3	9m STD PARK STRINGER MODULE	1	S-019-A0009	FITTING	N/A	629.1	Yes	N/A	N/A
4	TRACKING IDLER	6	S-025-A0007	FITTING	N/A	13.2	Yes	N/A	N/A
5	SLOPING TAIL MODULE	1	S-026-A0000	FITTING	N/A	1086.0	Yes	N/A	N/A
6	3m GTU	1	S-050-A0000	FITTING	N/A	3771.27	Yes	N/A	N/A
7	3 WAY TRUNK TRIPPER	2	S-091-A0000	FITTING	N/A	1446.0	Yes	N/A	N/A
8	E-PIT	1	S-093-A0001	FITTING	N/A	11619.2	Yes	N/A	N/A
9	SLOPING TAIL GUARDING	1	S-096-A0010	FITTING	N/A	784.3	Yes	N/A	N/A
10	WEATHER SHELTER	1	S-097-A0000	FITTING	N/A	2922.6	Yes	N/A	N/A
11	55kW DRIVE FRAME	1	S-104-A0055	FITTING	N/A	1747.6	Yes	N/A	N/A
12	E-PIT WALLS AND COVER	1	S-093-A0080	FITTING	N/A	827.4	Yes	N/A	N/A
13	INGERSOL RAND TYPE 30 COMPRESSOR 2475C7-8, 5.5kW 21CFM C/W 230L AIR RECEIVER.	1		FIELD KIT	DREQ	307	No	N/A	N/A
14	M12 GALV SW	162		FIELD KIT	DREQ	0.0	No	N/A	N/A
15	M12 GALV. NUT	178		FIELD KIT	DREQ	0.0	No	N/A	N/A
16	M12 x 45 GALV BOLT	178		FIELD KIT	120971	0.1	No	N/A	N/A
17	M12 GALV FW	356		FIELD KIT	110165	0.0	No	N/A	N/A
18	M10 x 30 GALV BOLT	158		FIELD KIT	120960	0.0	No	N/A	N/A
19	M10 GALV FW	158		FIELD KIT	110164	0.0	No	N/A	N/A
20	M10 GALV. NUT	158		FIELD KIT	DREQ	0.0	No	N/A	N/A
21	8FT SQU. MINICUBE STORAGE	1	ROYAL WOLF	FIELD KIT	DREQ	113811	No	N/A	N/A
22	E-PIT DISCHARGE CHUTE	2	S-093-A0532	FIELD KIT	N/A	63.6	Yes	GALVANIZE	N/A



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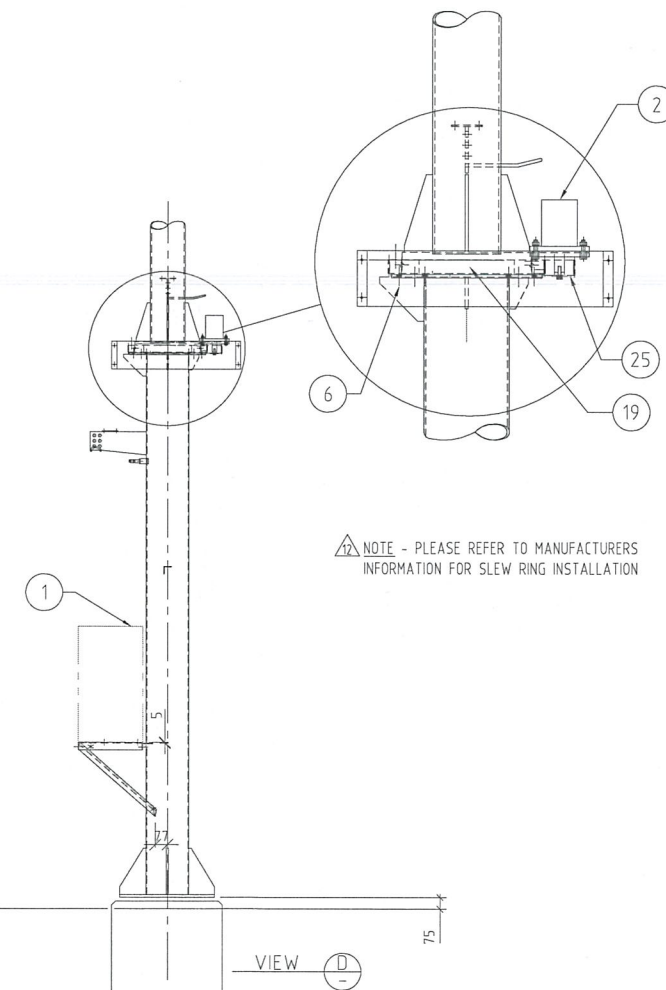
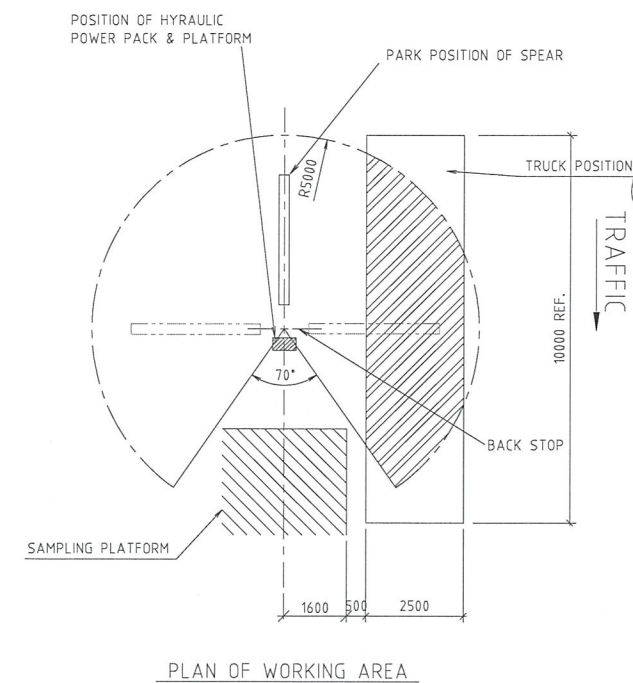
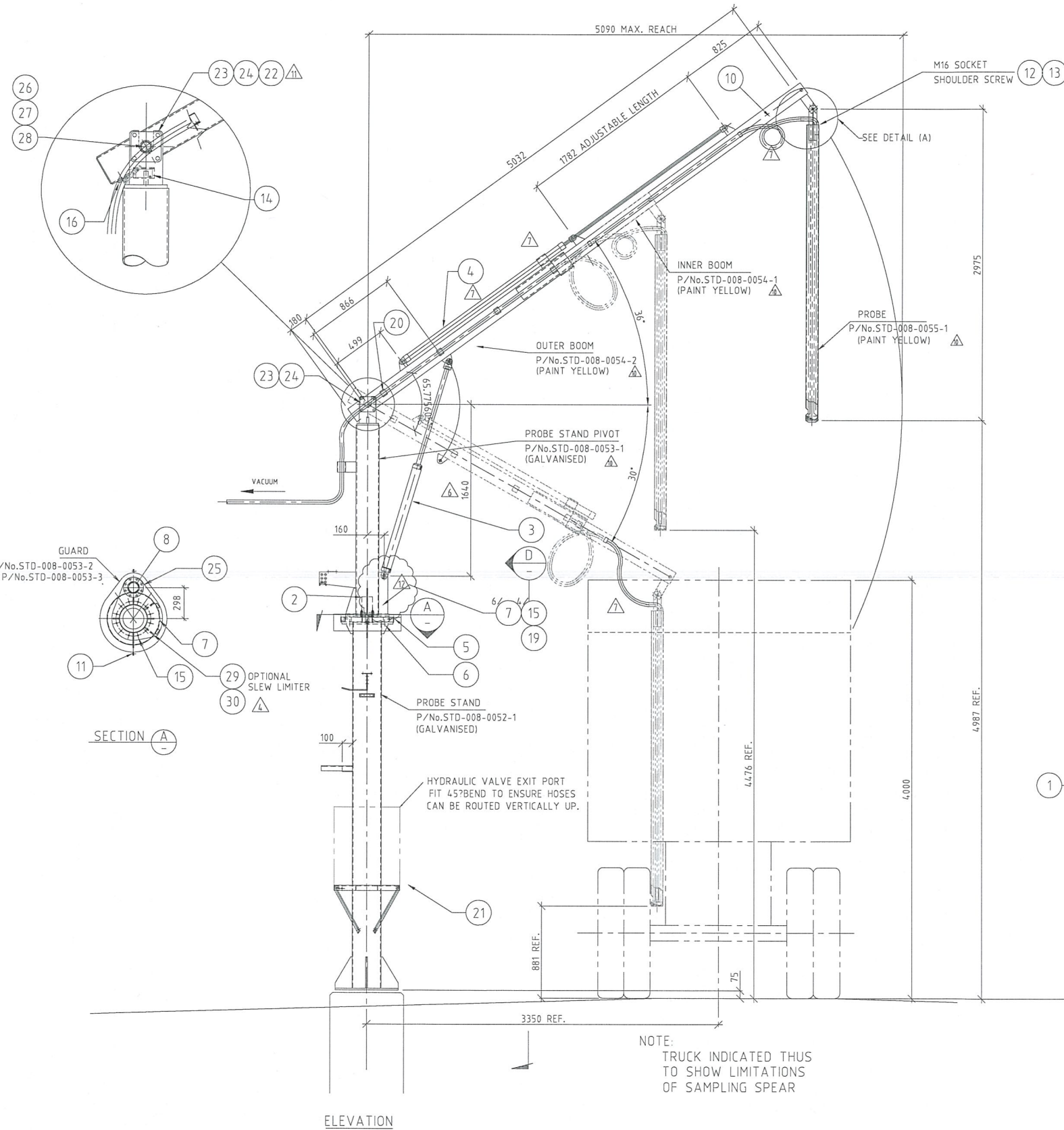
CBH GROUP HEAD OFFICE
30 DELM STREET
WEST PERTH
W.A. 6005
PH (08) 9337 9600
FAX (08) 9332 3962

STD-102-0000	Ø400 E-PIT CONCRETE & REINFORCEMENT
STD-002-0110	SLOPING TAIL FRAME CONCRETE PAD
STD-002-0111	DRIVE FRAME CONCRETE PAD
2017-429-0062	CONCEPT LAYOUT - FUTURE PLAN No. 2

REF	DRG No.	REFERENCE DRAWING TITLE	REV	DATE	REVISIONS	BY	CHKD	APPD	REV	DATE	REVISIONS	BY	CHKD	APPD

DESIGNED	AME	18.05.2017	DRAWING TITLE
DES. CHECK	DD	15.06.2017	INFRASTRUCTURE PLANNING
DRAWN	AME	18.05.2017	SITE DEVELOPMENT
CHECKED	VP	14.06.2017	E-PIT, CLS FEEDING OBH 04 & 05
APPROVED	PJC	15.06.2017	MECH. LAYOUT GROUND CONVEYOR GC03

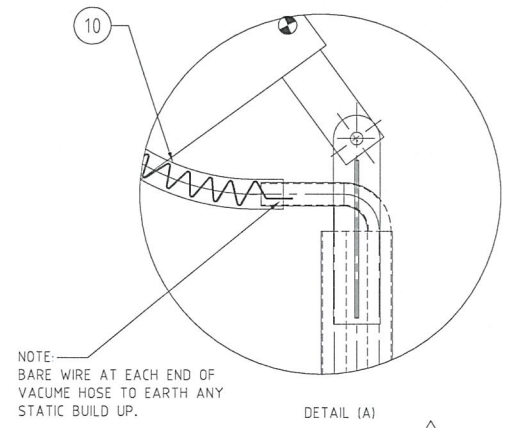
SITE	YORK	SHT. SIZE	B1
PROJECT	2017 CAPITAL WORKS		
DRAWING NO.	2017-429-0400	REV.	0

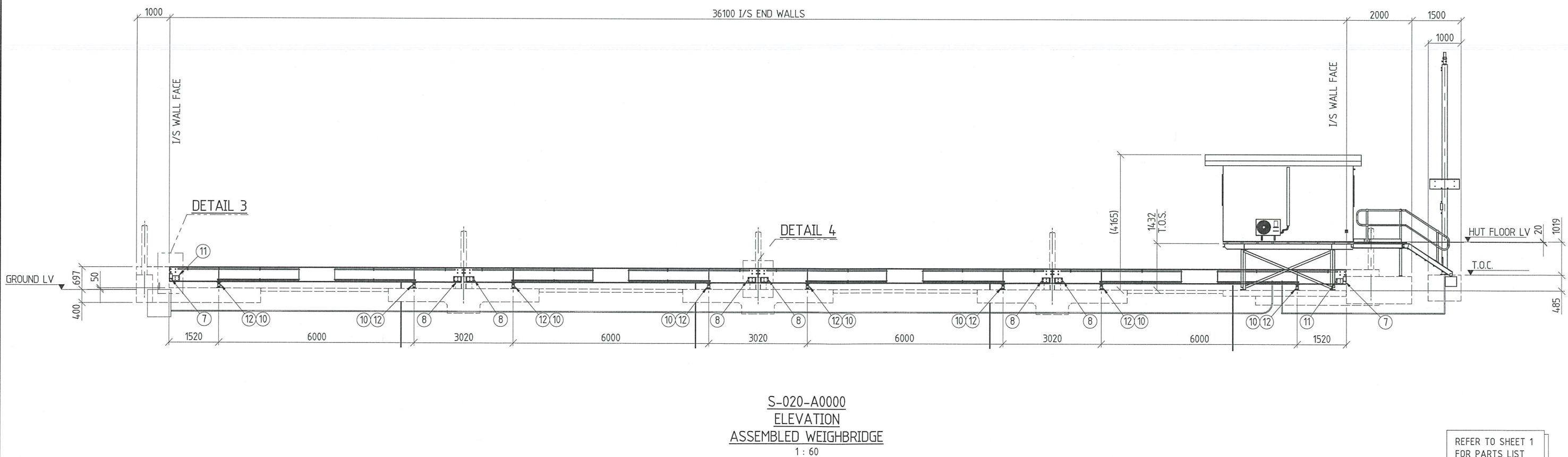
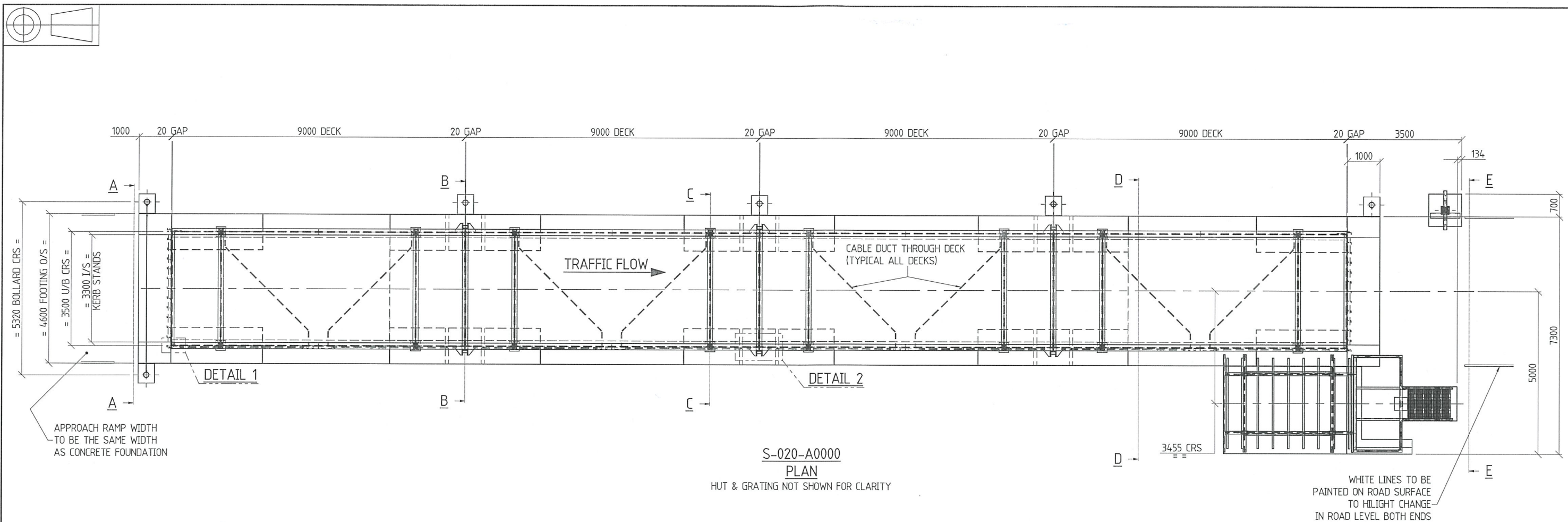


PART NO	DESCRIPTION	NO REQD	SUPPLIER OR C.B.H. PART NO
1	HYDRAULIC POWER PACK	1	STD-008-0059
2	HYDR. MOTOR-RENOLDS	1	STD-008-0062
3	HYDR. CYLINDER SLMN Ø3.0" BORE x 36" STROKE	1	PTE OR EQUIVLENT
4	HYD. CYLINDER Ø1.5" BORE SLMSP 2015x1782 STROKE	1	PET OR EQUIVLENT
5	SLEWING BEARING 304DB5201Y	1	NSK
6	M12 x 40 Lg. BOLT + NUT + F/W + S/W	10	GR. 8.8
7	M16 x 60 Lg. BOLT + NUT + F/W + S/W	10	GR. 8.8
8	M10 x 45 Lg. BOLT + FW NYLOCK NUT	6	GR. 8.8
9	M10 HEX.HD.BOLT x 25LG c/w SP.W.	1	GR. 4.6
10	1 1/2" VACUUM CLEAR HOSE STEEL SPIRAL COILED PLUTONE A 90/128/CEE 15m LONG	1	BLACKWOODS
11	M10 x 30 Lg. BOLT + NUT + FW	4	GR. 4.6
12	Ø16 x 80 SOCKET SHOULDER SCREW	1	UNBRAKO
13	M16 NYLOC NUT	1	
14	LIMIT SWITCH - E50DIPKL549	1	CUTLER-HAMMER
15	LOCKING PLATE	4	P/N STD-008-0053-6
16	LIMIT SWITCH STRIKER	1	STD-008-0054-4
17	NOT USED		
18	NOT USED		
19	SLEW RING GREASING KIT	1	STD-008-0053
20	HOSE CLAMP - NORMA No. 45	6	STAINLESS STEEL
21	M10 X F/W S/W	35	4
22	M16 X F/W S/W	45	8
23	NSK BEARING HOUSING F210	2	
24	NSK BEARING UEL210-D1W3	2	
25	PINION GEAR - HYD. MOTOR	1	STD-008-0056-1
26	BOOM PIVOT PIN	1	STD-008-0053-4
27	WASHER	2	STD-008-0054-3
28	BOOM SPACER	2	STD-008-0053-7
29	SLEW LIMITER	1	STD-008-0052-2
30	M12 X 35 BOLT & NUT +F/W + S/W	2	GR. 8.8

GENERAL NOTES

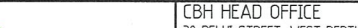
- * ALL STEELWORK, WELDING & FABRICATION TO CONFIRM WITH CURRENT S.A.A. CODES AS1554 CAT GP
- * ALL WELDS TO BE 6 FILLET UNLESS NOTED AND 3 FILET ON 3 PL.
- * REMOVE ALL BURRS & SHARP EDGES.
- * SURFACE TREATMENT: AS PER CBH SPEC. NO TREATMENT TO INSIDE REQ'D.
- * ALL HOLES Ø14 TO SUIT M12 HEX. HEAD BOLT GR. 4.6 U.N.O.

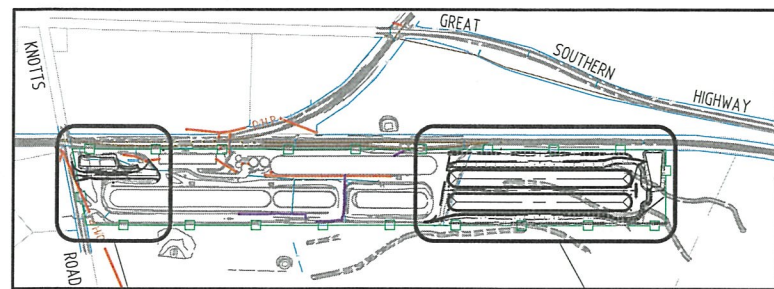




S-020-A0000
ELEVATION
ASSEMBLED WEIGHBRIDGE
1 : 60

REFER TO SHEET 1
FOR PARTS LIST

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SITE KEY PLAN
1:7500

CIVIL LEGEND	
	CADASTRAL
	FENCE
	BATTER INTERFACE
	HARD SHOULDER
	DESIGN CONTOUR MAJOR
	DESIGN CONTOUR MINOR
	EXISTING CONTOURS
	FLAT DRAIN
	PAVEMENT INVERT DRAINAGE
	CBH BOUNDARY
	DIRECTION OF GRADED CHANNEL SLOPE
	SETOUT POINTS
	TEMPORARY BENCHMARK
	EXISTING PAVEMENT INTERFACE
	RAILWAY
	CULVERT
	EXISTING CULVERT
	OVERHEAD POWER LINES
	FENCE
	SCOUR PROTECTION

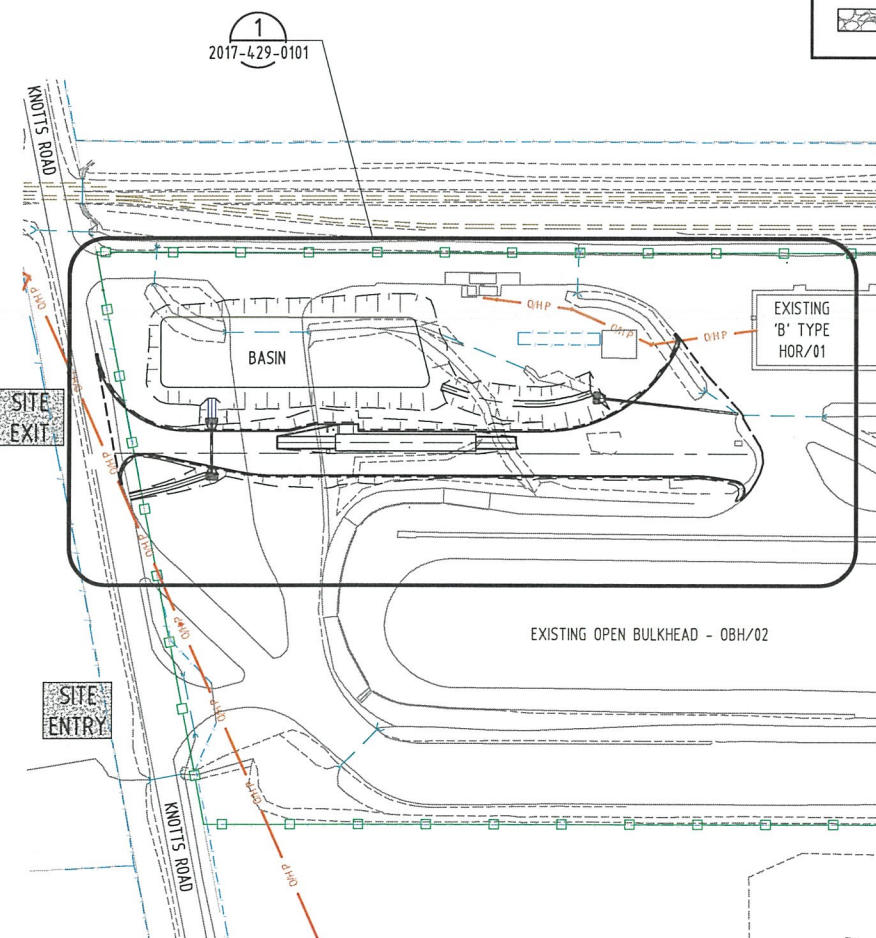
CIVIL NOTES - EARTHWORKS & DRAINAGE

- ALL DIMENSIONS ARE IN METRES (m) U.N.O.
ALL ELEVATIONS ARE IN METRES (m)
ALL COORDINATES ARE IN METRES (m)
- COORDINATE GRID: MGA PLANE
VERTICAL DATUM: AHD
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH
CBH's TECHNICAL SPECIFICATION TS10 - EARTHWORKS, BITUMEN AND DRAINAGE WORKS
- A CONTINUOUS UNIFORM GRADE IS REQUIRED BETWEEN ALL LEVELS SHOWN.
- ALL EARTHWORKS BATTERS TO BE 1V:3H UNLESS OTHERWISE NOTED.
- ANY CONCRETE PIPES OR BOX CULVERTS (INCLUDING HEADWALLS) LOCATED IN THE WORKS AREA ARE TO BE REMOVED BY THE CONTRACTOR AND STORED ON SITE FOR POSSIBLE RE-USE AT THE DIRECTION OF THE CBH SITE SUPERVISOR.
- ALL EXISTING BITUMEN IN NEW WORKS AREAS TO BE TYNED/REMOVED AS REQUIRED.
- ROADS AND PADS**
 - THE EARTHWORKS CONTRACTOR SHALL REMOVE TOP SOIL TO A DEPTH OF 200mm AND STORE ON SITE FOR RE-USE ON EARTH EMBANKMENTS.
 - THE SUBGRADE SURFACE SHALL BE GRADED & COMPACTED TO 92% MDD & MADE READY TO TAKE SUITABLE SELECT FILL (IF REQUIRED). U.N.O.
 - SUITABLE SELECT FILL SHALL BE PLACED IN LAYERS NOT EXCEEDING 200mm & COMPACTED TO 94% MDD AND MADE READY TO TAKE PAVEMENT
 - PAVEMENT MATERIALS SHALL BE PLACED TO LINE, LEVELS & CROSS SECTIONS SHOWN IN THE DESIGN DRAWINGS. PAVEMENT MATERIAL TO BE COMPACTED TO 96% MDD, PRIOR TO BITUMEN SURFACING (IF REQUIRED).

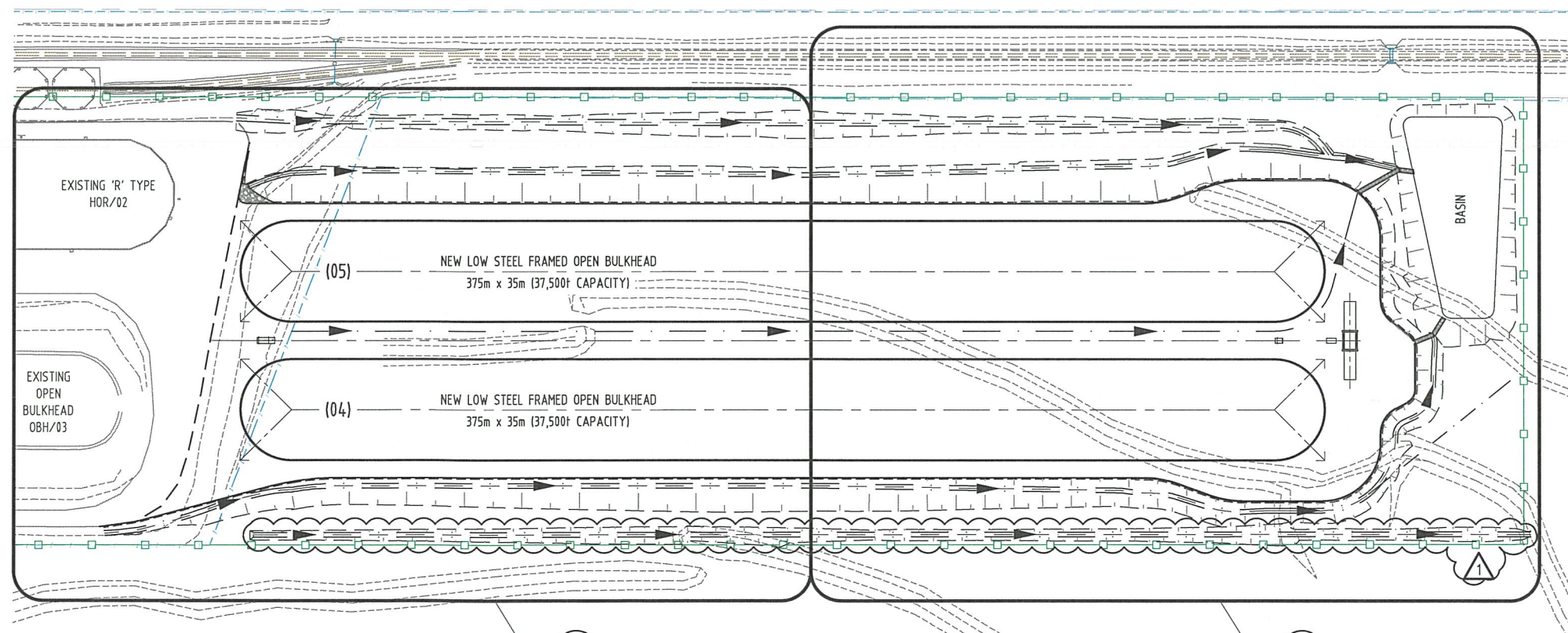
- ALL REDUNDANT OPEN DRAINS IN THE NEW WORKS AREAS TO HAVE TOP 200mm REMOVED & BACKFILLED WITH SUITABLE SELECT FILL AND COMPACTED TO 94% MDD.
- ALL SPOIL, CONCRETE AND BITUMEN REMOVED BY THE CONTRACTOR AS WELL AS ANY RUBBISH ACCUMULATED ON SITE IS TO BE DISPOSED OFF SITE AT AN APPROVED COUNCIL RUBBISH SITE.
- FILL PLACED TO FORM RAMPS SHALL BE RIDGE GRAVEL COMPACTED TO A MINIMUM DEPTH OF 300mm TO 94% MDD.
- ALL ROADS TO HAVE 500mm WIDE COMPACTED RIDGE GRAVEL SHOULDERS PRIMER SEALED TO TOP OF GRAVEL LAYER.
- CULVERT OUTLET PROTECTION TO BE 'MIRAMESH' GABION MATTRESS OR SIMILAR INSTALLED AS PER MANUFACTURERS/SUPPLIERS RECOMMENDATIONS, OR GROUTED FACING RIP RAP. WHERE SPECIFIED ON DRAWINGS OR ELSEWHERE.
- RIP-RAP USED FOR SCOUR PROTECTION AND CONSTRUCTION OF WEIRS AND LEVEES TO BE FACING CLASS AS PER TABLE 6.2 OF AUSTRROADS WATERWAY DESIGN GUIDE.

ROCK CLASS	ROCK SIZE (m)	ROCK MASS (kg)	MIN % OF ROCK LARGER THAN
FACING	0.40	100	0
	0.30	35	50
	0.15	2.5	90

- CONTRACTOR TO LOCATE AND IDENTIFY ALL SERVICES ON SITE, PRIOR TO ANY CONSTRUCTION WORK COMMENCING.
- CONTRACTOR TO CONFIRM SETOUTS AND LEVELS PRIOR TO CONSTRUCTION WITH CBH SUPERINTENDENT.



SITE PLAN 1
1:1000



SITE PLAN 2
1:1000

SITE PLAN 2
1:1000

ISSUE FOR CONSTRUCTION
DATE 01.08.17



2017-429-0110	WEIGHBRIDGE SET-OUT AND RAMPS, PLAN AND SECTIONS
2017-429-0109	CONVEYOR GC03 - PLAN & LONG SECTION
2017-429-0108	SECTIONS & DETAILS
2017-429-0107	WEIGHBRIDGE CROSS SECTIONS
2017-429-0106	TYPICAL PAVEMENT SECTIONS
2017-429-0105	PAVEMENT PLAN
2017-429-0104	'E' PIT & CONVEYOR - SETOUT POINTS & LEVELS
2017-429-0103	DETAIL 3 - SETOUT POINTS & LEVELS
2017-429-0102	DETAIL 2 - SETOUT POINTS & LEVELS
2017-429-0101	DETAIL 1 - SETOUT POINTS, LEVELS & LONG SECTION

REV	DATE	REVISIONS	BY	CHK'D	APP'D
1	01.08.17	DRAIN MOVED	LJ	SC	VW
0	24.07.17	ISSUED FOR CONSTRUCTION	LJ	SC	VW

SCALE	AS SHOWN
DESIGNED	C.C. 24.07.17
DES. CHECK	R.P. 24.07.17
DRAWN	L.J. 17.05.17
CHECKED	S.C. 24.07.17
APPROVED	V.W. 24.07.17

DRAWING TITLE	INFRASTRUCTURE PLANNING FULL SITE DEVELOPMENT ADDITIONAL STORAGE GENERAL ARRANGEMENT
---------------	---

SITE	YORK	SHEET SIZE	A1
PROJECT	NETWORK STRATEGY	DRAWING NO.	2017-429-0100
REV.	1		

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CBH GROUP HEAD OFFICE
30 DELM STREET
WEST PERTH
W.A. 6005
PH (08) 9237 9600
FAX (08) 9322 3942

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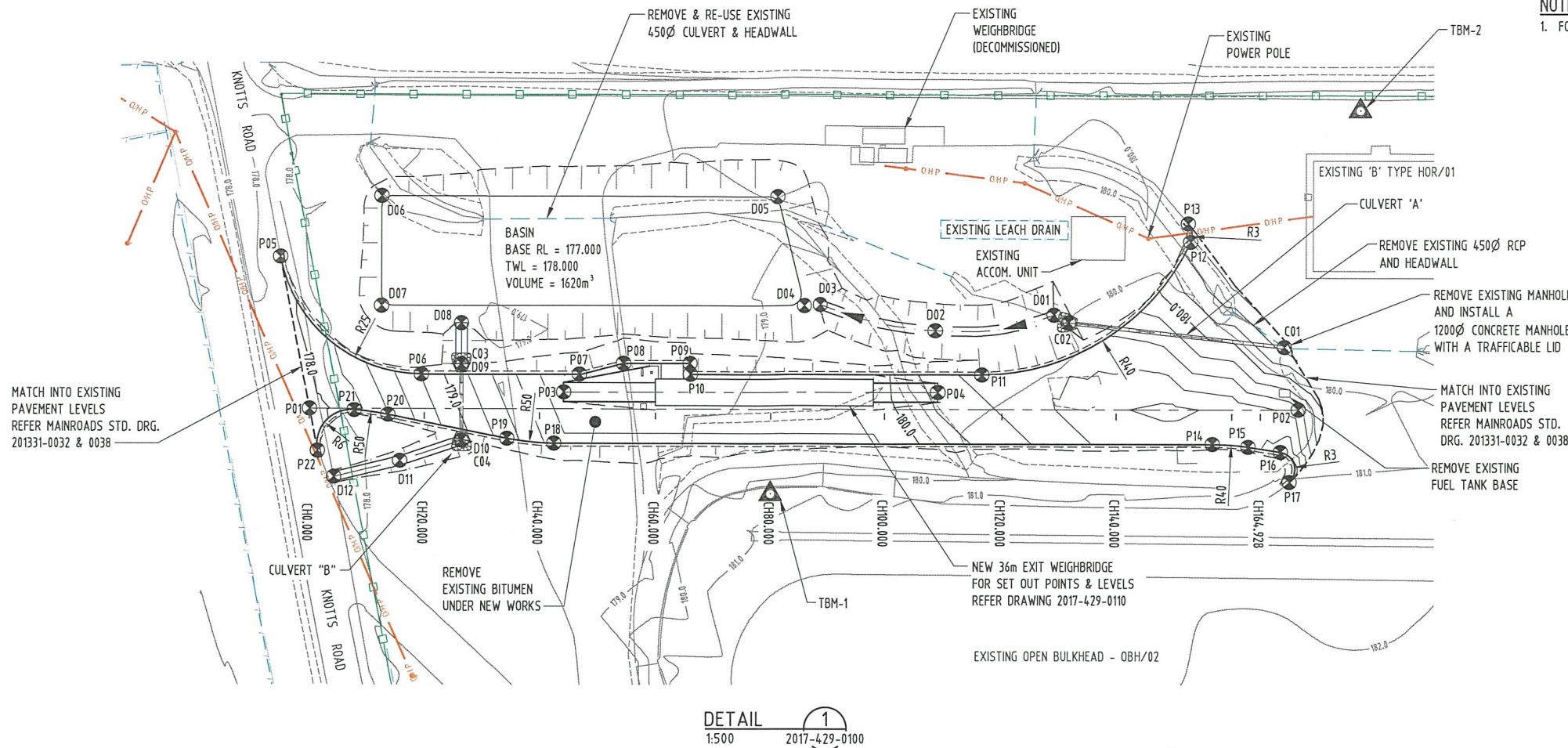
EARTHWORK SETOUT POINTS			
POINT	EASTING	NORTHING	RL
P01	478338.459	6470503.629	177.928
P02	478473.138	6470397.479	180.509
P03	478374.966	6470478.548	179.939
P04	478425.893	6470438.409	180.272
P05	478350.765	6470527.513	177.957
P06	478357.448	6470496.302	178.812
P07	478379.008	6470479.310	179.985
P08	478386.153	6470476.097	179.940
P09	478395.106	6470469.041	179.885
P10	478394.009	6470467.486	179.885
P11	478433.696	6470436.206	180.476
P12	478476.498	6470431.921	179.465
P13	478478.143	6470434.696	179.287
P14	478457.750	6470401.968	180.676
P15	478462.301	6470397.772	180.722
P16	478466.157	6470393.619	180.937
P17	478464.143	6470388.584	181.222
P18	478368.130	6470472.616	179.678
P19	478362.207	6470478.348	179.301
P20	478348.550	6470494.346	178.395
P21	478344.436	6470498.625	178.162
P22	478335.034	6470496.996	177.914

DRAIN SETOUT POINTS			
POINT	EASTING	NORTHING	RL
D01	478450.012	6470436.615	178.358
D02	478432.182	6470447.124	178.375
D03	478419.312	6470462.956	178.301
D04	478417.013	6470464.549	177.000
D05	478425.006	6470482.368	177.000
D06	478371.167	6470524.937	177.000
D07	478359.362	6470509.959	177.000
D08	478368.393	6470499.015	178.000
D09	478364.030	6470493.442	177.950
D10	478355.817	6470482.945	177.850
D11	478345.208	6470486.794	177.830
D12	478334.456	6470491.717	177.800

CULVERT SETOUT POINTS			
POINT	EASTING	NORTHING	RL
C01	478477.947	6470407.533	178.500
C02	478451.188	6470433.966	178.350
C03	478364.030	6470493.442	177.950
C04	478355.817	6470482.945	177.850

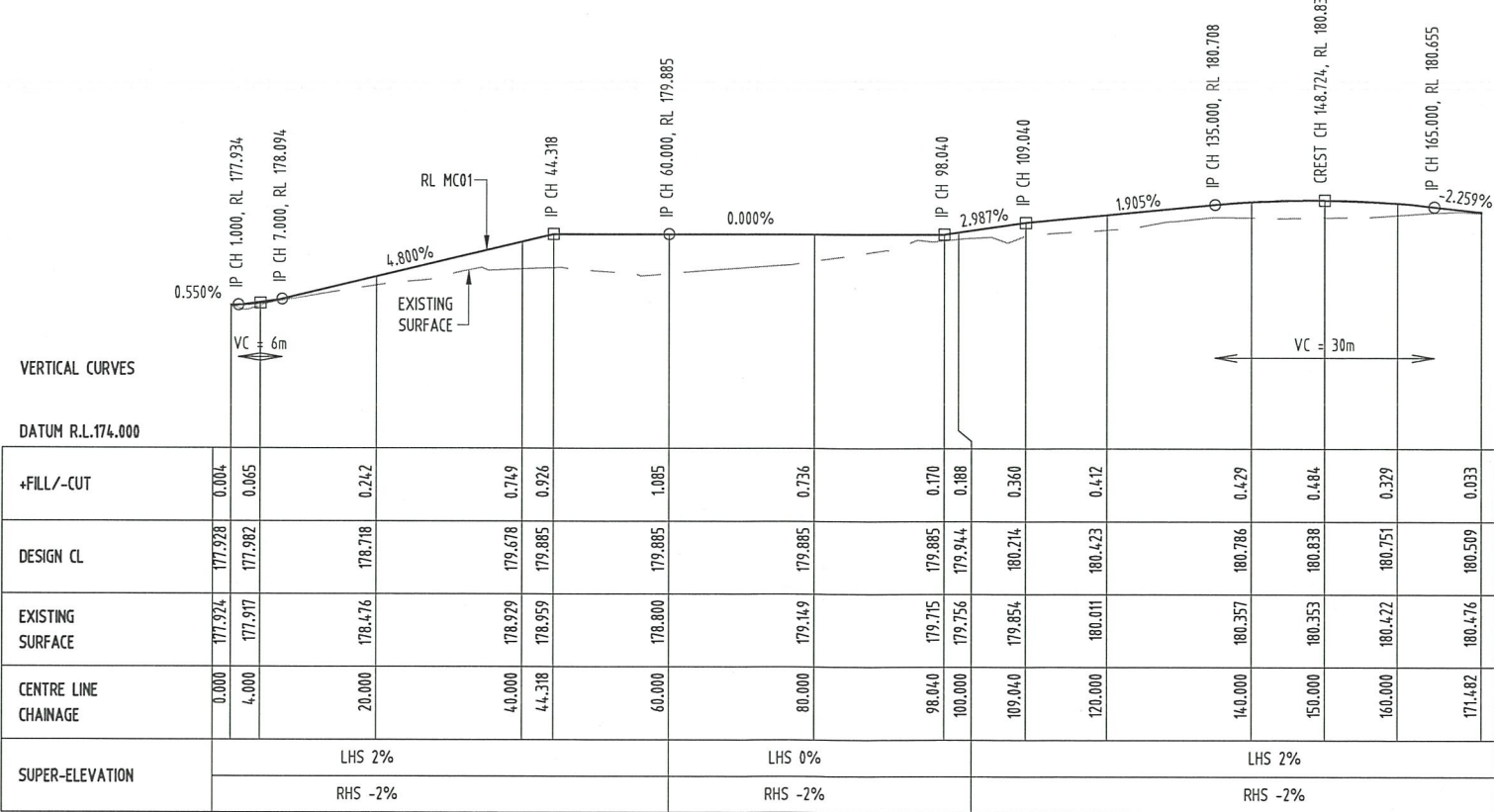
CULVERT SCHEDULE			
CULVERT	TYPE	LENGTH	HEAD WALL
CULVERT 'A'	Ø 450 RCP	37.8m	ONE END
CULVERT 'B'	Ø 450 RCP	13.4m	BOTH ENDS

- CULVERT NOTES:**
- FOR PRECAST HEAD WALL DETAILS REFER MAINROADS STD DRGS 201331-0061, 0062 & 0063
 - CULVERT INLET TO BE FACED WITH GROUTED RIP-RAP.
 - CULVERT OUTLET TO BE FACED WITH CEMENT STABILISED GROUTED RIP-RAP.



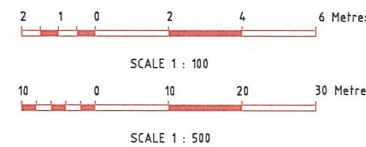
NOTE:
1. FOR NOTES AND REFERENCE DRAWINGS REFER CBH DRAWING 2017-429-0100

TEMPORARY BENCHMARK			
POINT	EASTING	NORTHING	RL
TBM-1	6470442.559	478392.102	180.900
TBM-2	6470431.721	478513.734	179.440



WEIGHBRIDGE LONGITUDINAL SECTION
SCALE HORIZ 1:500
VERT 1:100

ISSUE FOR CONSTRUCTION
DATE 01.08.17

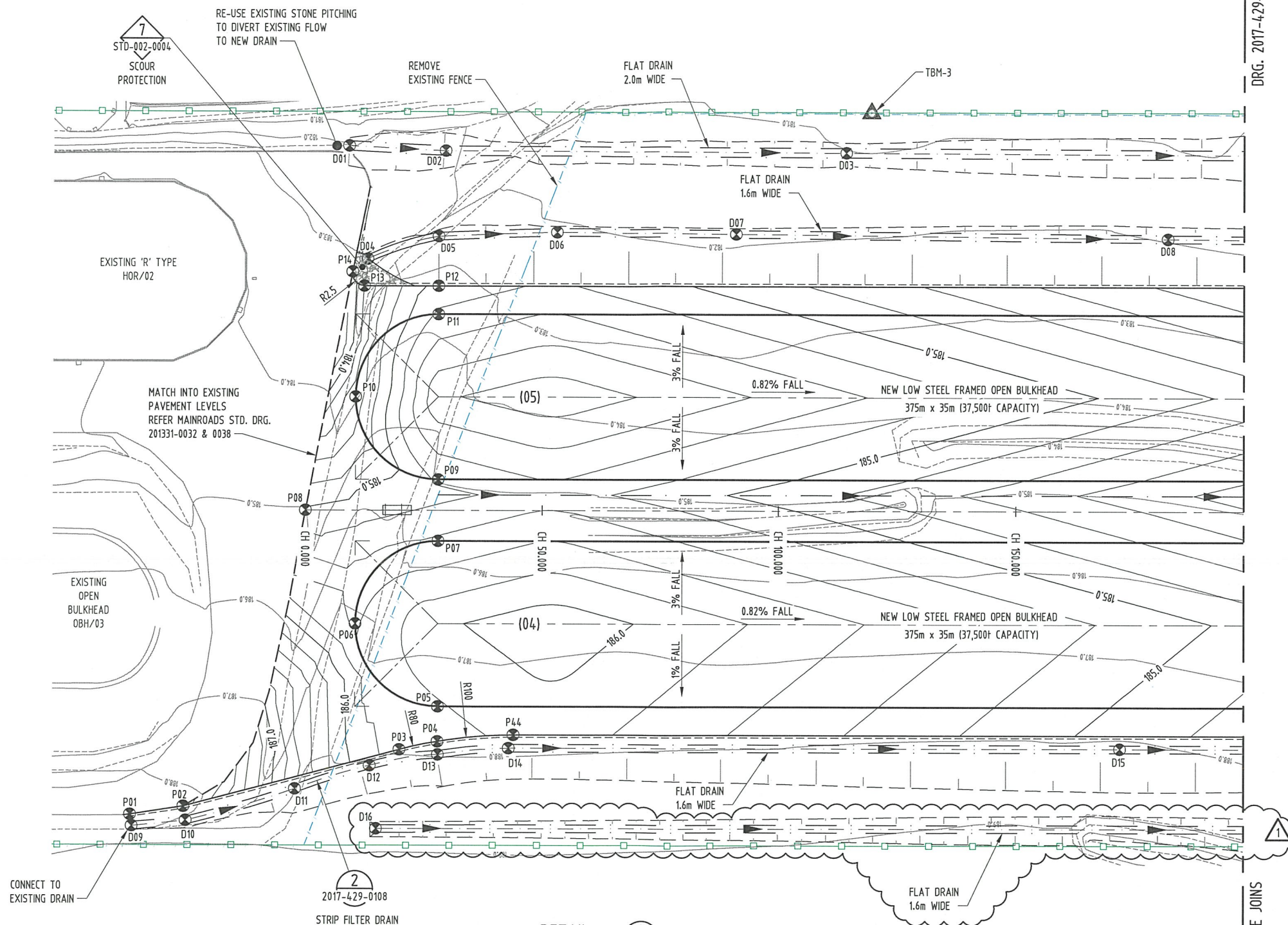


EARTHWORK SETOUT POINTS

POINT	EASTING	NORTHING	RL
P01	478841.468	6469987.244	188.484
P02	478851.416	6469981.586	188.091
P03	478894.595	6469962.986	185.721
P04	478901.992	6469959.337	185.709
P05	478906.641	6469965.106	185.784
P06	478903.722	6469989.682	185.578
P07	478928.298	6469992.601	185.434
P08	478910.296	6470015.056	185.025
P09	478936.345	6470002.811	185.239
P10	478933.423	6470027.390	184.479
P11	478958.002	6470030.306	185.239
P12	478961.715	6470035.019	185.059
P13	478949.363	6470044.749	184.192
P14	478949.289	6470048.616	183.708
P44	478916.254	6469949.896	185.852

DRAIN SETOUT POINTS

POINT	EASTING	NORTHING	RL
D01	478965.168	6470070.053	181.400
D02	478980.570	6470056.644	181.241
D03	479046.800	6470004.041	180.583
D04	478953.464	6470048.785	182.800
D05	478968.226	6470043.286	182.000
D06	478988.371	6470028.523	181.875
D07	479018.019	6470004.751	181.685
D08	479088.960	6469947.749	181.230
D09	478840.267	6469985.132	188.101
D10	478849.942	6469978.994	187.528
D11	478872.109	6469970.084	186.337
D12	478887.582	6469964.222	185.784
D13	478900.332	6469957.097	185.210
D14	478912.942	6469948.923	185.337
D15	479014.288	6469869.112	184.422
D16	478880.390	6469952.901	188.346
D17	OMMITTED		



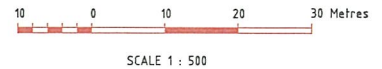
DETAIL 1:500 2017-429-0100

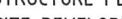
NOTE:
1. FOR NOTES AND REFERENCE DRAWINGS REFER CBH DRAWING 2017-429-0100

TEMPORARY BENCHMARK			
POINT	EASTING	NORTHING	RL
TBM-3	6470007.404	479056.246	180.520

ISSUE FOR CONSTRUCTION

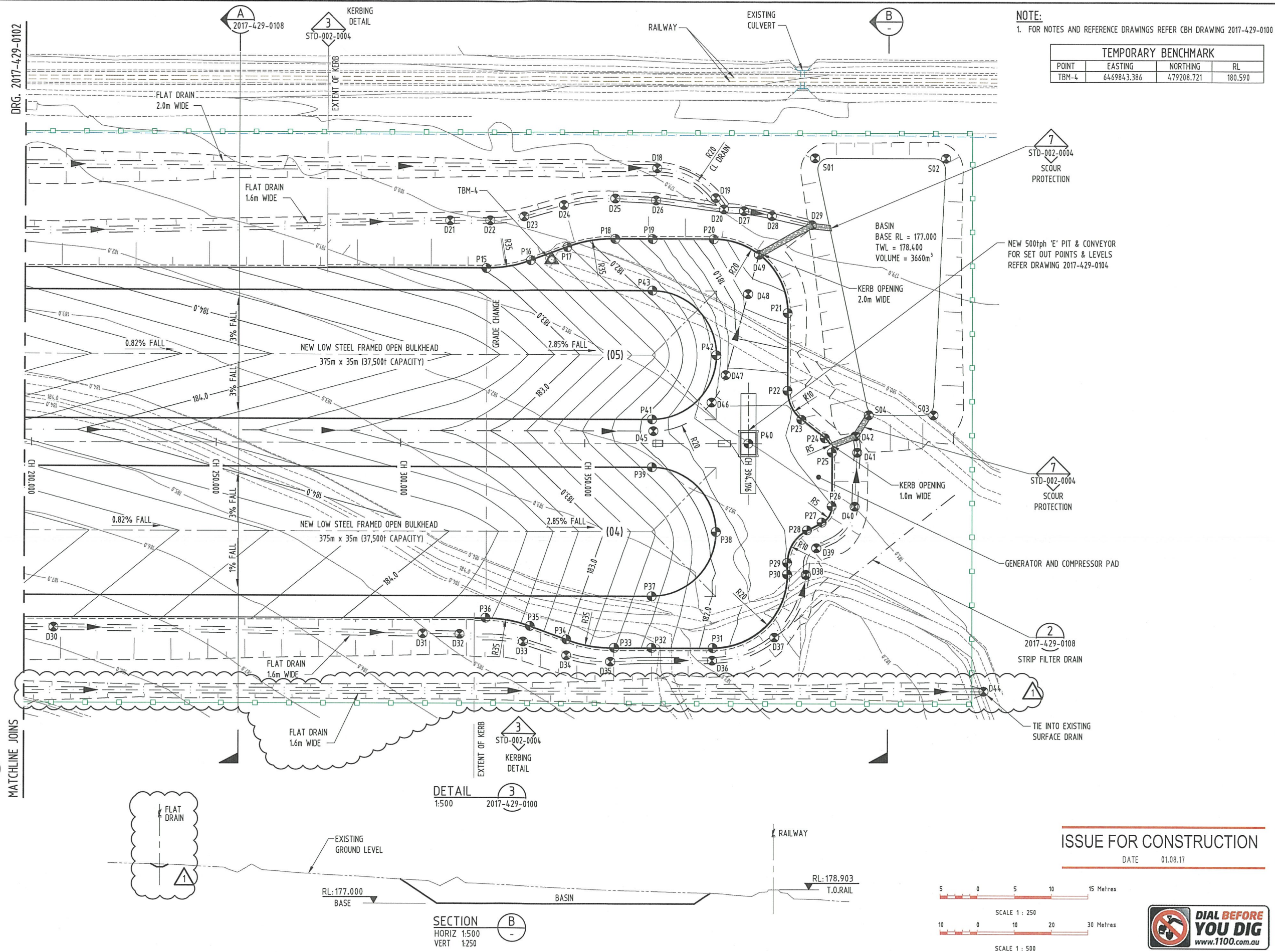
DATE 01.08.17



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																		DES. CHECK R.P. 24.07.17	INFRASTRUCTURE PLANNING FULL SITE DEVELOPMENT ADDITIONAL STORAGE DETAIL 2 - SETOUT POINTS & LEVELS		PROJECT NETWORK STRATEGY		REV.		
																		DRAWN L.J. 17.05.17							
																		CHECKED S.C. 24.07.17							
				DO NOT SCALE FROM THIS DRAWING - ASK !!!		2017-429-0103		DETAIL 3 - SETOUT POINTS & LEVELS		1		01.08.17		DRAIN RESIZED & MOVED		LJ		SC		VW				DRAWING NO 2017-429-0102	
				2017-429-0104		GENERAL ARRANGEMENT		8		24.07.17		ISSUED FOR CONSTRUCTION		LJ		SC		VW		APPROVED V.W. 24.07.17					
				REF' DRG No.		REFERENCE DRAWING TITLE		REV		DATE		REVISIONS		BY		CHK'D		APP'D							

DRAIN SETOUT POINTS			
POINT	EASTING	NORTHING	RL
D18	479246.625	6469845.329	178.664
D19	479254.178	6469829.094	178.614
D20	479254.049	6469825.299	178.604
D21	479193.668	6469868.726	179.518
D22	479202.223	6469862.057	179.356
D23	479210.097	6469857.261	179.217
D24	479228.544	6469852.991	179.048
D25	479232.660	6469845.752	178.835
D26	479240.952	6469838.624	178.683
D27	479251.988	6469821.595	178.582
D28	479263.992	6469815.912	178.551
D29	479270.045	6469807.319	178.505
D30	47904.1024	6469848.052	180.14, 13
D31	479118.626	6469785.017	182.829
D32	479126.406	6469778.734	182.703
D33	479138.660	6469766.569	182.449
D34	479145.675	6469756.329	182.249
D35	479154.052	6469747.571	182.067
D36	479175.898	6469730.805	181.472
D37	479192.906	6469725.429	181.085
D38	479210.176	6469733.532	180.622
D39	479216.874	6469737.500	180.398
D40	479232.015	6469739.961	180.019
D41	479241.586	6469751.021	179.661
D42	479243.921	6469754.849	179.554
D43	OMITTED		
D44	479222.976	6469679.536	180.748
D45	479201.154	6469769.697	181.907
D46	479219.056	6469786.028	180.545
D47	479226.678	6469789.523	181.240
D48	479244.988	6469803.154	180.684
D49	479253.866	6469809.764	180.440

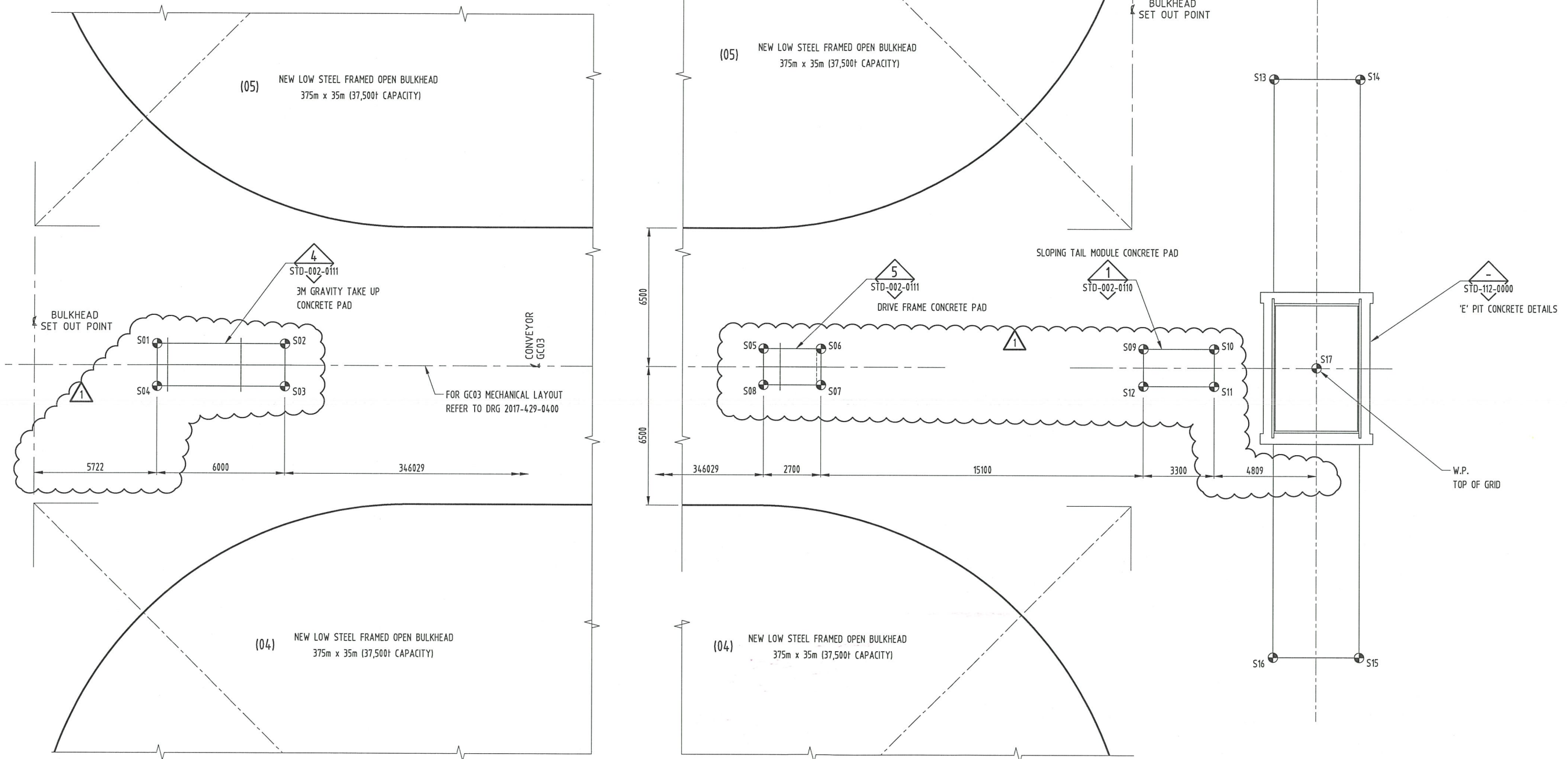
BASIN SETOUT POINTS			
POINT	EASTING	NORTHING	RL
S01	479281.966	6469821.058	177.000
S02	479309.861	6469799.033	177.000
S03	479264.127	6469746.265	177.000
S04	479250.341	6469757.120	177.000



POINT	EASTING	NORTHING	RL T.O.C.
S01	478923.686	6470005.781	185.354
S02	478928.400	6470002.068	185.354
S03	478927.162	6470000.497	185.354
S04	478922.449	6470004.210	185.354
S05	479200.135	6469787.835	181.985
S06	479202.256	6469786.164	181.985
S07	479201.204	6469784.829	181.985
S08	479199.083	6469786.500	181.985

POINT	EASTING	NORTHING	RL T.O.C.
S09	479214.134	6469776.840	181.715
S10	479216.726	6469774.798	181.715
S11	479215.643	6469773.424	181.715
S12	479213.051	6469775.466	181.715
S13	479226.763	6469783.049	181.760
S14	479229.952	6469780.537	181.760
S15	479213.163	6469759.222	181.760
S16	479209.973	6469761.734	181.760
S17	479219.963	6469771.135	181.860

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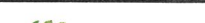


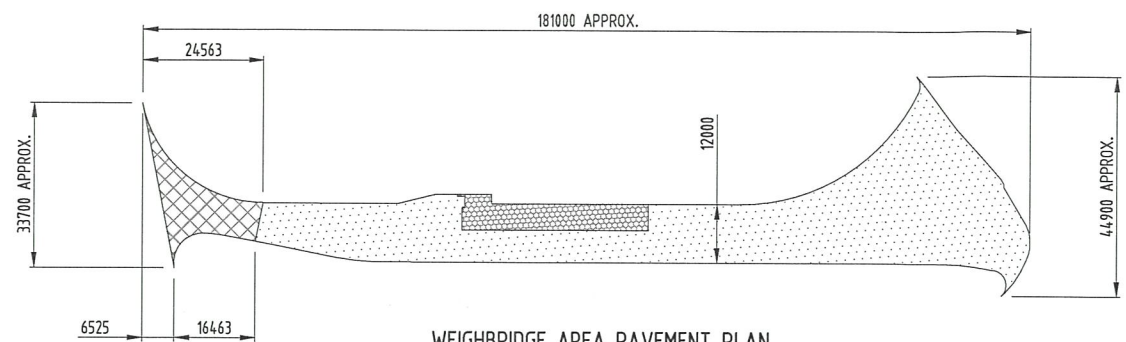
CONVEYOR GC03 PLAN
1:100

ISSUE FOR CONSTRUCTION
DATE 01.08.17

2 1 0 2 4 6 Metres
SCALE 1 : 100



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		DO NOT SCALE FROM THIS DRAWING - ASK !!!											PROJECT NETWORK STRATEGY			
													DRAWING NO		REV.	
													2017-429-0104		1	
		REF	DWG No.	REFERENCE DRAWING TITLE		REV	DATE	REVISIONS		BY	CHK'D	APP'D				
			2017-429-0109	CONVEYOR GC03 - PLAN & LONG SECTION		1	01.08.17	CONVEYOR SLABS MOVED 100mm WEST		LJ	SC	VW				
			2017-429-0104	GENERAL ARRANGEMENT		2	24.07.17	ISSUED FOR CONSTRUCTION		LJ	SC	VW				

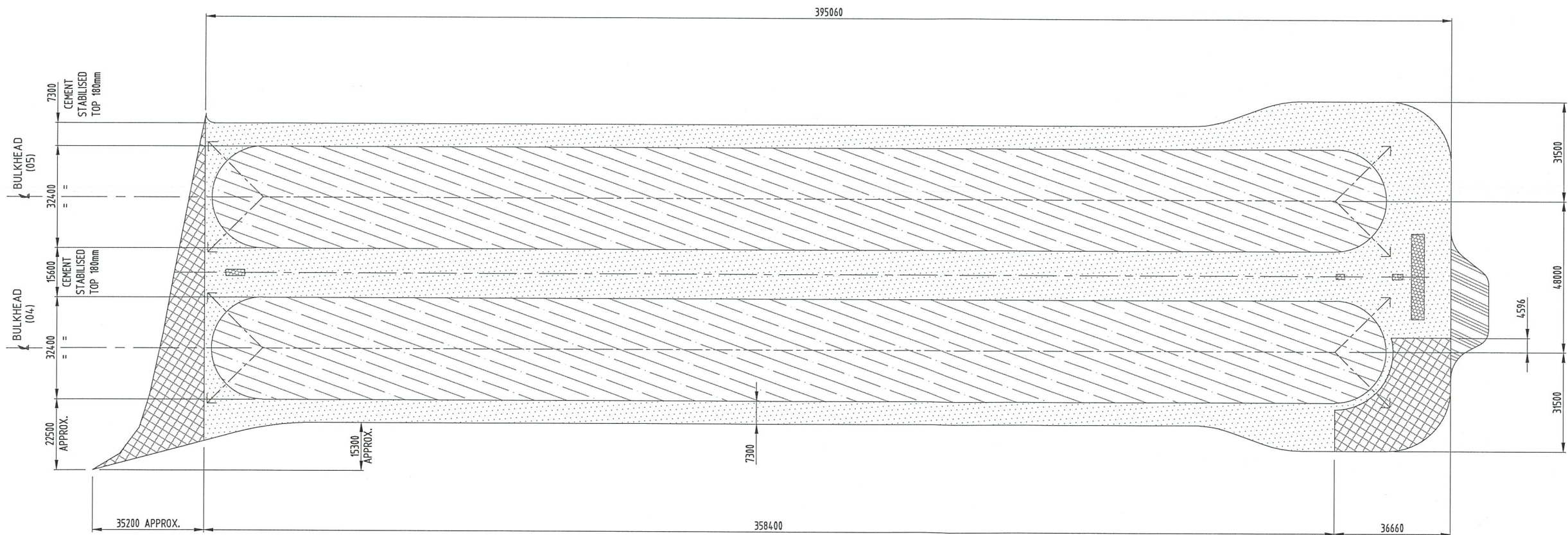


WEIGHBRIDGE AREA PAVEMENT PLAN
1:750

HATCHING LEGEND

TYPE 1.		30mm THICK ASPHALT (10mm) ON 7mm SEAL ON NEW 310mm RIDGE GRAVEL BASE TOP 180mm CEMENT STABILISED (3% BY WEIGHT)	15935m ²
TYPE 2.		50mm THICK DENSE GRADED ASPHALT (10mm) ON 7mm METAL SEAL ON NEW 310mm RIDGE GRAVEL BASE TOP 180mm CEMENT STABILISED (3% BY WEIGHT)	2,260m ²
TYPE 3.		30mm THICK DENSE GRADED ASPHALT (10mm) ON 7mm METAL SEAL ON NEW 310mm RIDGE GRAVEL BASE	23,680m ²
TYPE 4.		2 COAT METAL EMULSION SEAL (14/7) ON NEW 310mm RIDGE GRAVEL BASE	340m ²
TYPE 5.		NEW 310mm RIDGE GRAVEL BASE UNDER CONCRETE SLABS	350m ²

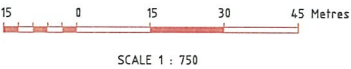
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CBH DRAWING 2017-429-0100
 - ALL DIMENSIONS IN MILLIMETRES
 - FOR TYPICAL PAVEMENT SECTIONS REFER DRAWING 2017-429-0106



BULKHEAD PAVEMENT PLAN
1:750

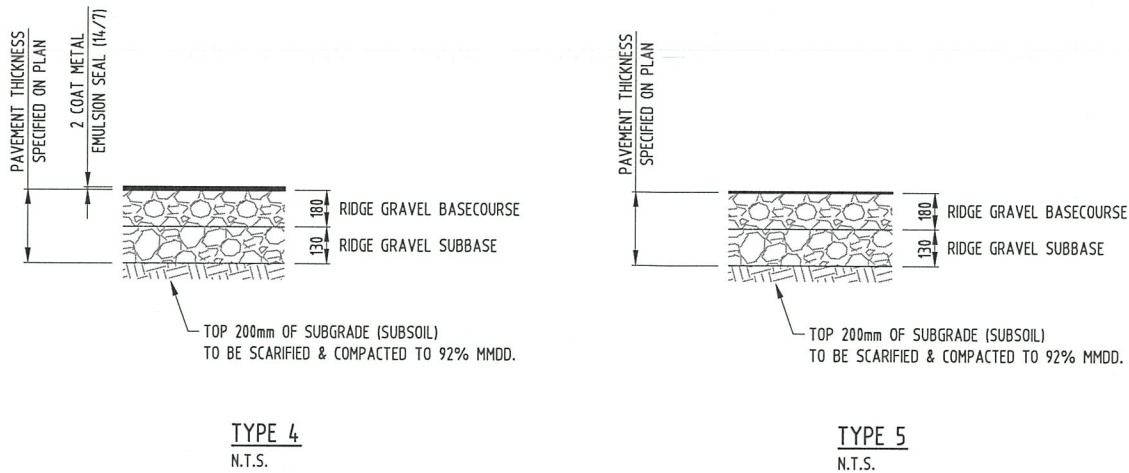
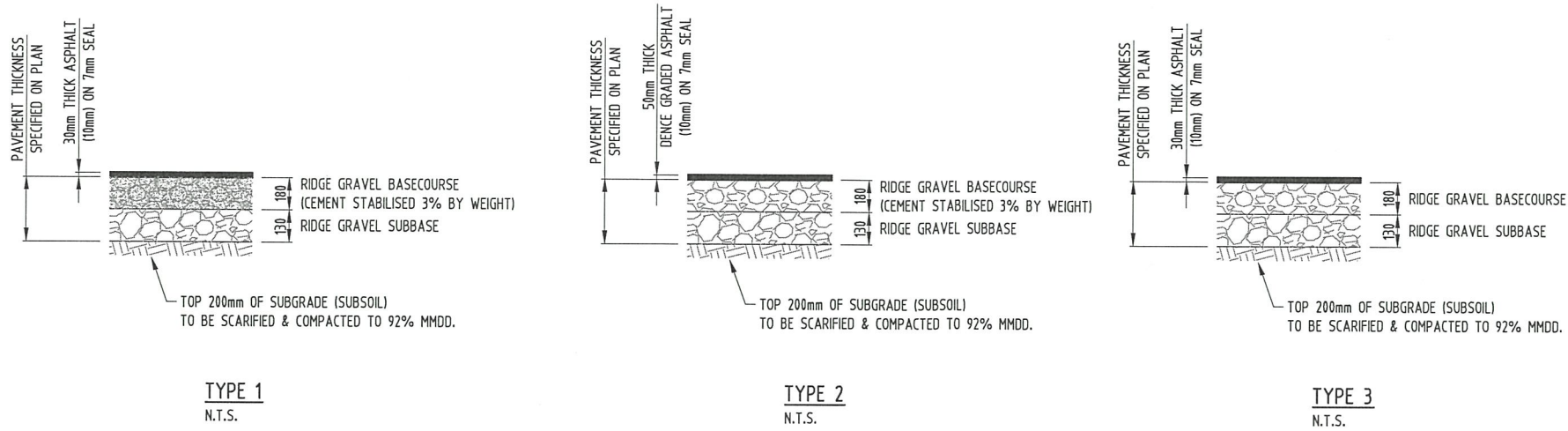
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			2017-429-0104	"E" PIT & CONVEYOR - SETOUT POINTS & LEVELS												DES. CHECK	R.P.				24.07.17
			2017-429-0103	DETAIL 3 - SETOUT POINTS & LEVELS												DRAWN	L.J.				17.05.17
			2017-429-0102	DETAIL 2 - SETOUT POINTS & LEVELS												CHECKED	S.C.				24.07.17
			2017-429-0101	DETAIL 1 - SETOUT POINTS, LEVELS & LONG SECTION		1	01.08.17	HATCH PATTERN REVISED				LJ		SC	VW	APPROVED	V.W.				24.07.17
			2017-429-0100	GENERAL ARRANGEMENT		0	24.07.17	ISSUED FOR CONSTRUCTION				LJ	SC	VW							
DO NOT SCALE FROM THIS DRAWING - ASK !!!			REF. DRS. No.	REFERENCE DRAWING TITLE				REV	DATE	REVISIONS				BY	CHKD	APP'D					

NOTE:
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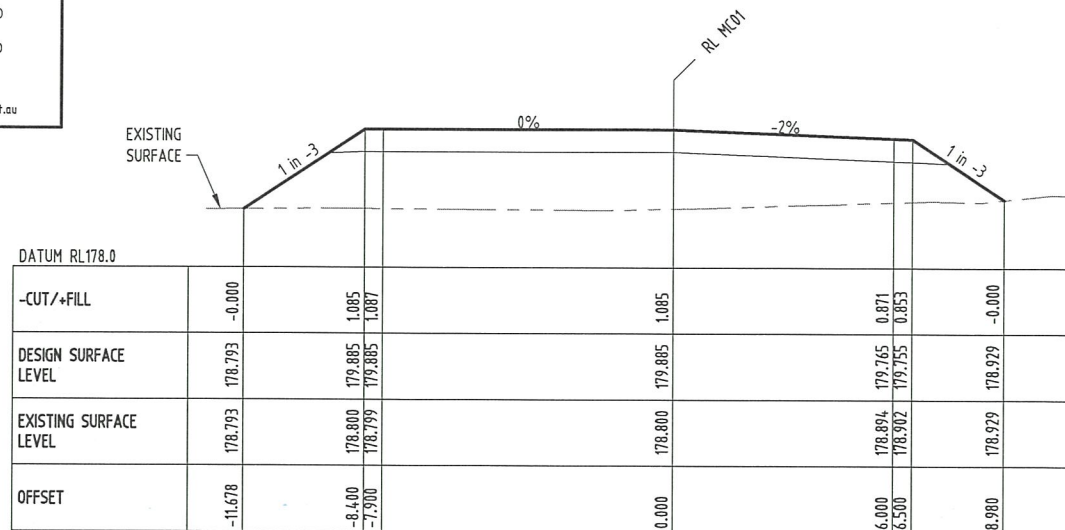
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DATE 24.07.17

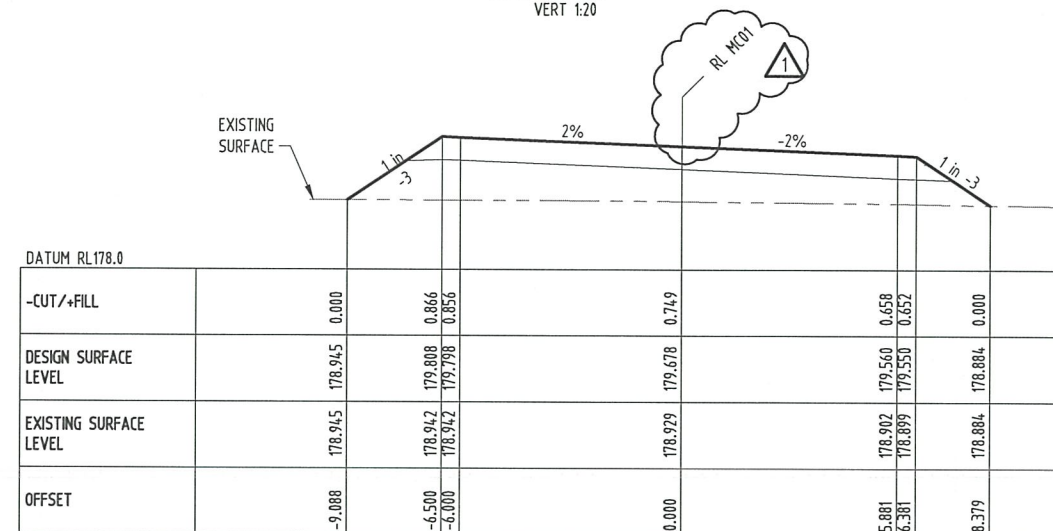


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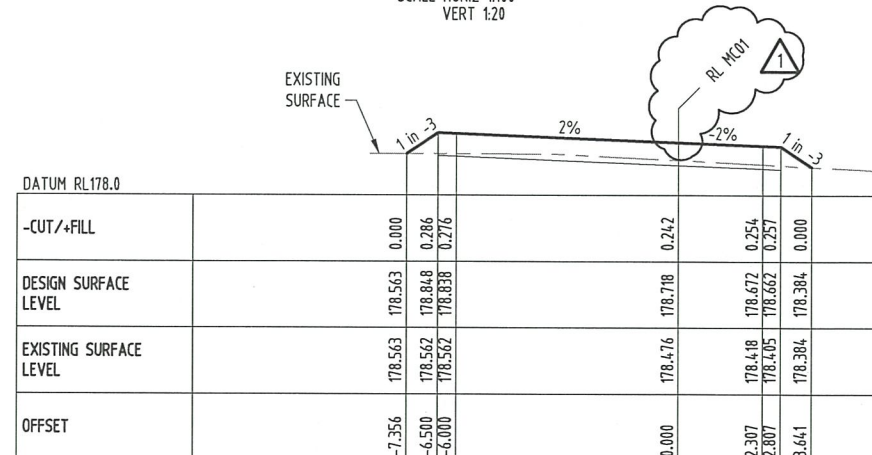
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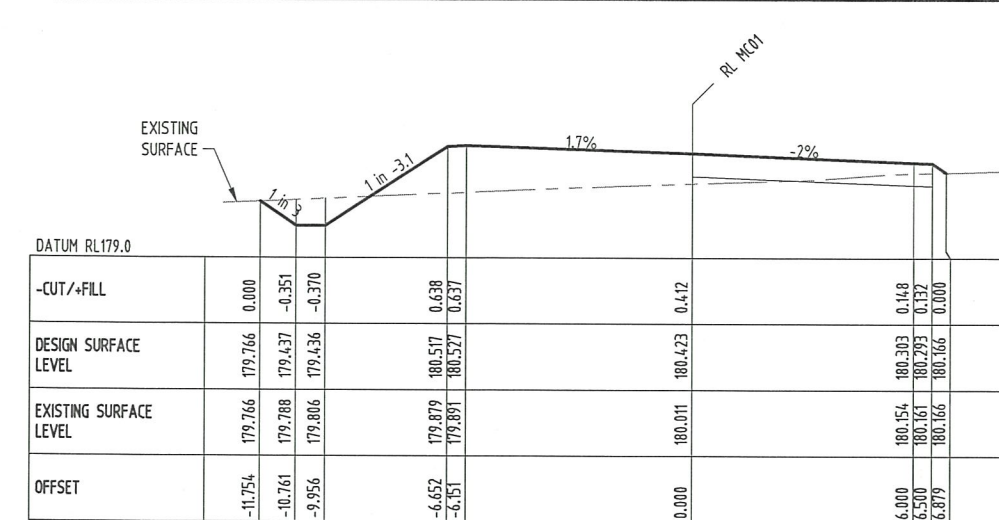
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VERT 1:20



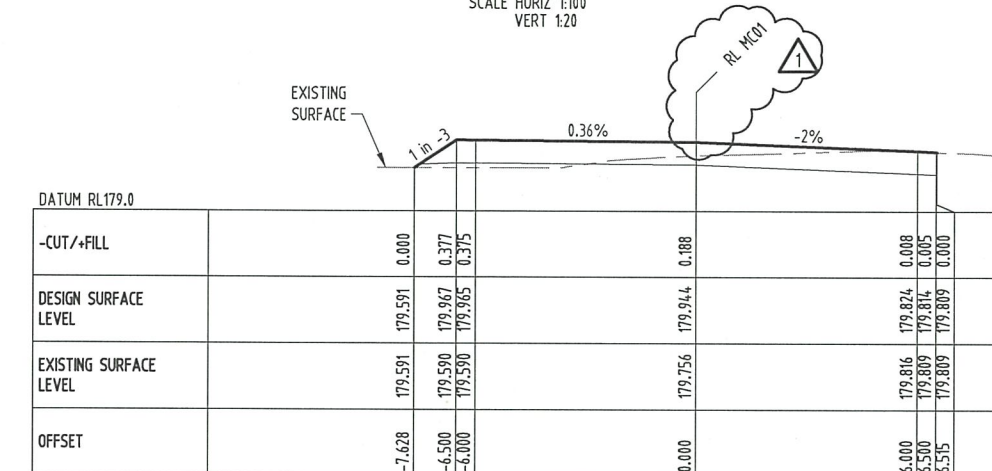
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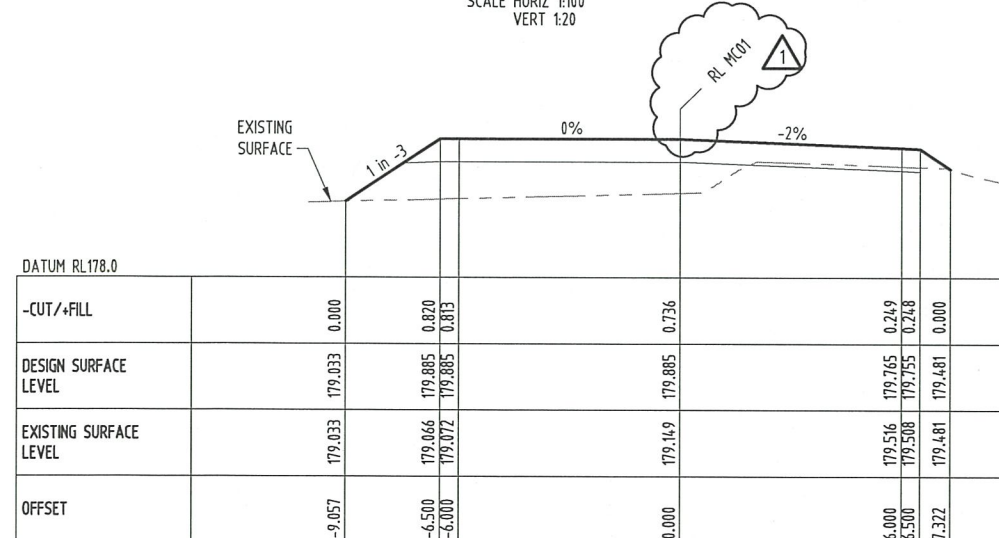
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CH 120.000
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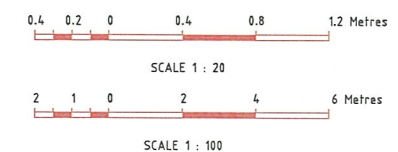
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CH 80.000
SCALE HORIZ 1:100
VERT 1:20

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PH (08) 9237 9600
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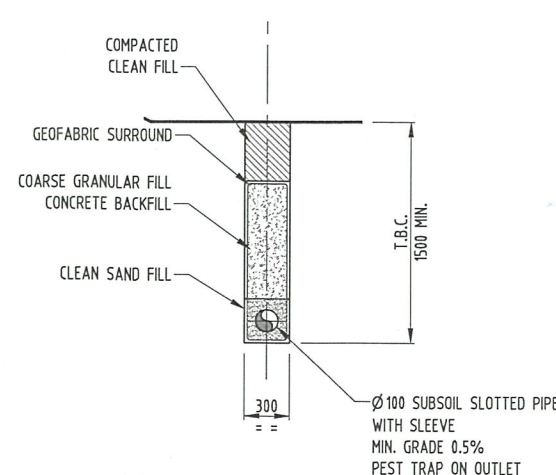
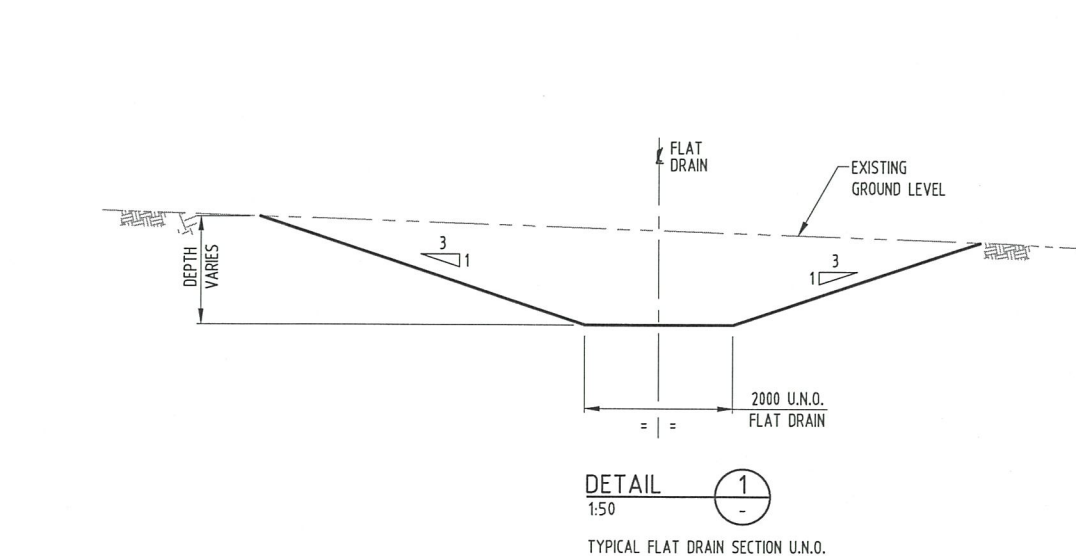
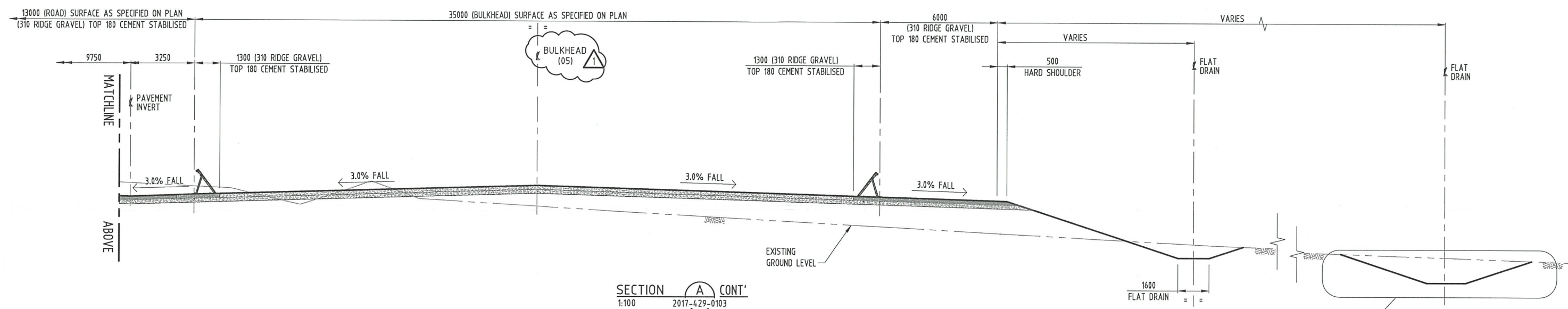
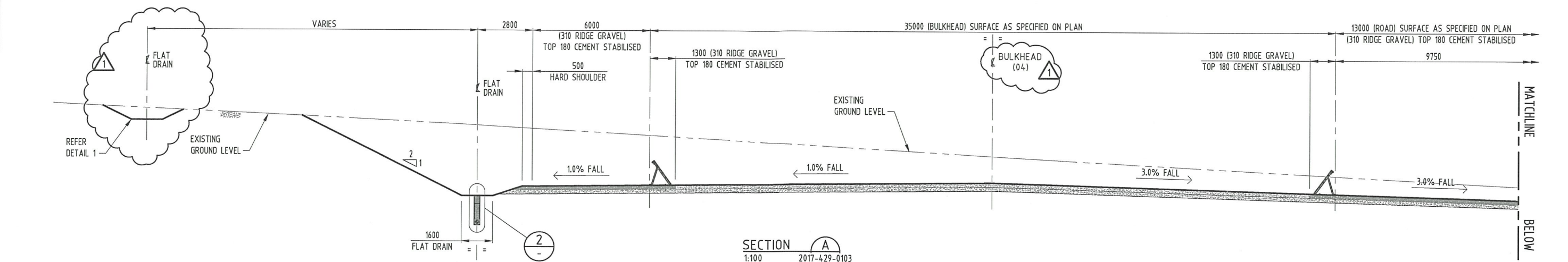
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SCALE	AS SHOWN	DESIGNED	C.C.	24.07.17	DRAWING TITLE
		DES. CHECK	R.P.	24.07.17	INFRASTRUCTURE PLANNING
		DRAWN	L.J.	17.05.17	FULL SITE DEVELOPMENT
		CHECKED	S.C.	24.07.17	ADDITIONAL STORAGE
		APPROVED	V.W.	24.07.17	WEIGHBRIDGE CROSS SECTIONS

INFRASTRUCTURE PLANNING
FULL SITE DEVELOPMENT
ADDITIONAL STORAGE
WEIGHBRIDGE CROSS SECTIONS

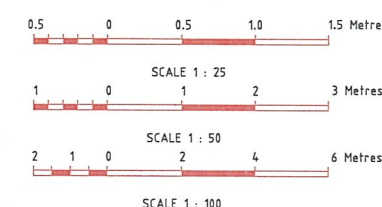
SITE	YORK	SHEET SIZE	A1
PROJECT	NETWORK STRATEGY		
DRAWING NO	2017-429-0107	REV.	1

NOTE:
1. FOR NOTES AND REFERENCE DRAWINGS REFER
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2. ALL DIMENSIONS IN MILLIMETRES



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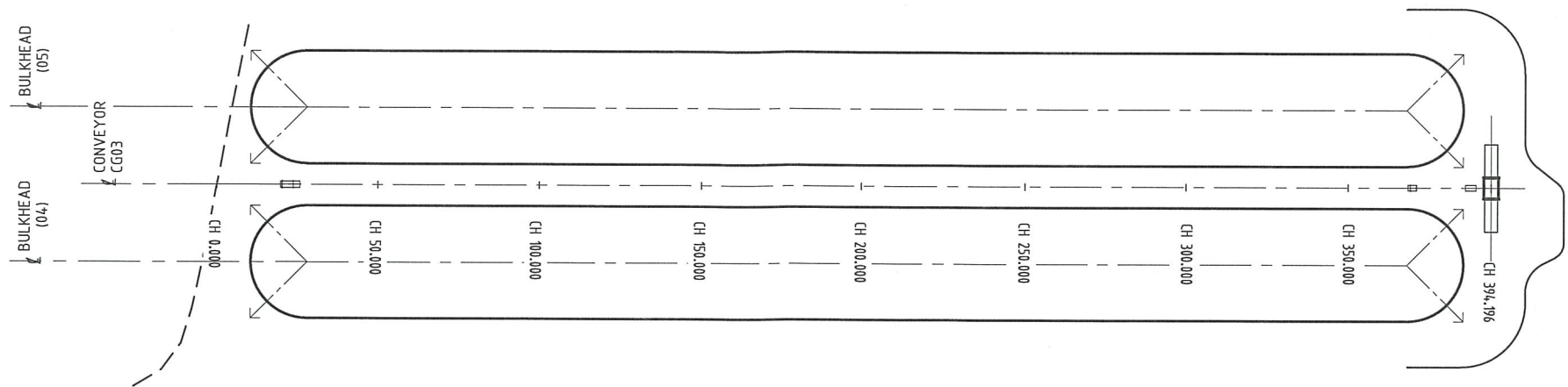
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2017-429-0105	PAVEMENT PLAN						
2017-429-0103	DETAIL 3 - SETOUT POINTS & LEVELS	1	01.08.17	DRAIN MOVED & BULKHEAD NUMBERING REVISED	LJ	SC	VW
2017-429-0104	GENERAL ARRANGEMENT	0	24.07.17	ISSUED FOR CONSTRUCTION	LJ	SC	VW

SCALE	AS SHOWN	DESIGNED	C.C.	24.07.17	DRAWING TITLE
		DES. CHECK	R.P.	24.07.17	INFRASTRUCTURE PLANNING
		DRAWN	L.J.	17.05.17	FULL SITE DEVELOPMENT
		CHECKED	S.C.	24.07.17	ADDITIONAL STORAGE
		APPROVED	V.W.	24.07.17	SECTIONS & DETAILS

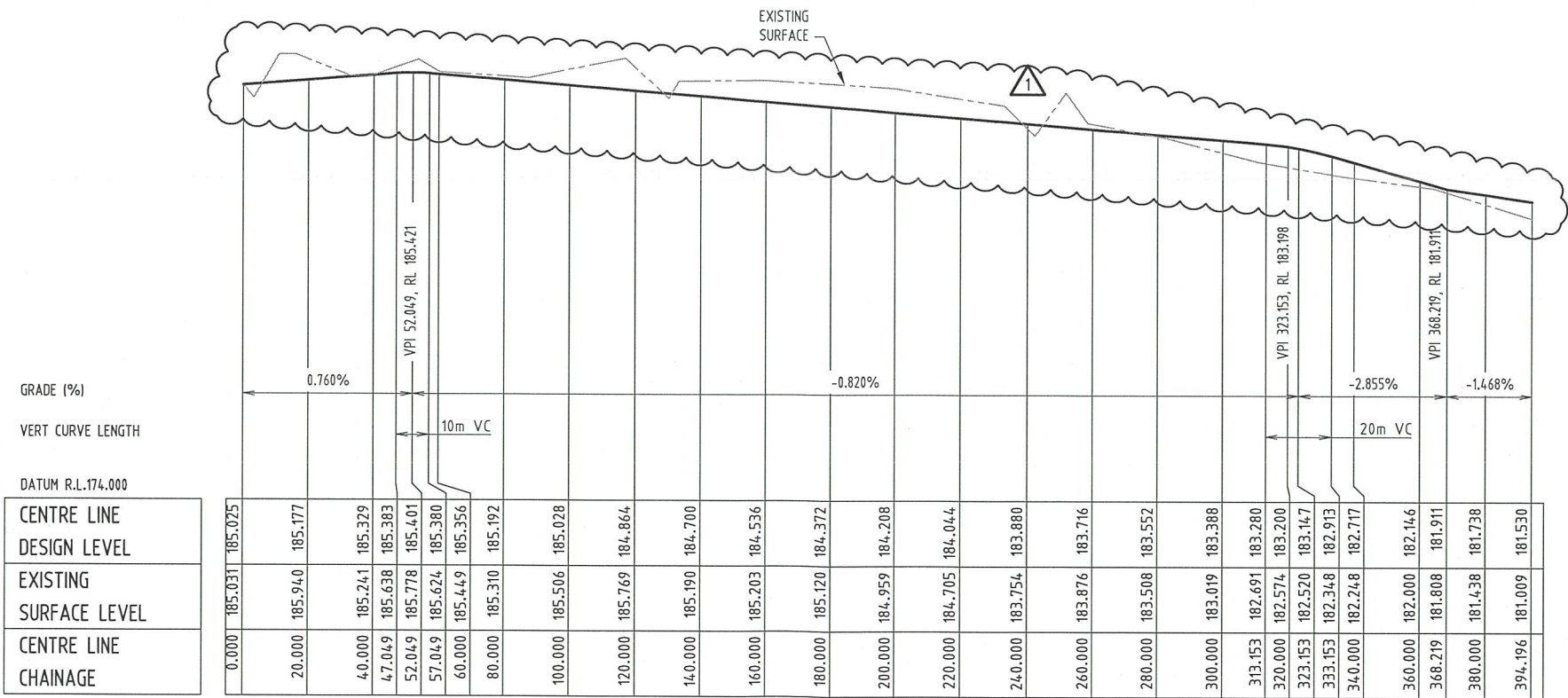
INFRASTRUCTURE PLANNING
FULL SITE DEVELOPMENT
ADDITIONAL STORAGE
SECTIONS & DETAILS

SITE	YORK	SHEET SIZE	A1
PROJECT	NETWORK STRATEGY		
DRAWING NO.	2017-429-0108	REV.	1

NOTE:
1. FOR NOTES AND REFERENCE DRAWINGS REFER CBH DRAWING 2017-429-0100

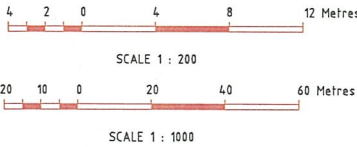


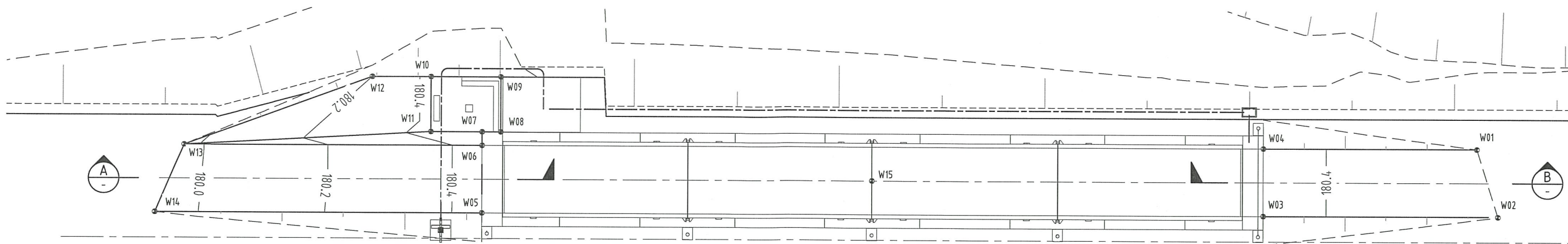
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1:1000



CONVEYOR GC03 - LONGITUDINAL SECTION
SCALE HORIZ 1:1000
VERT 1:200

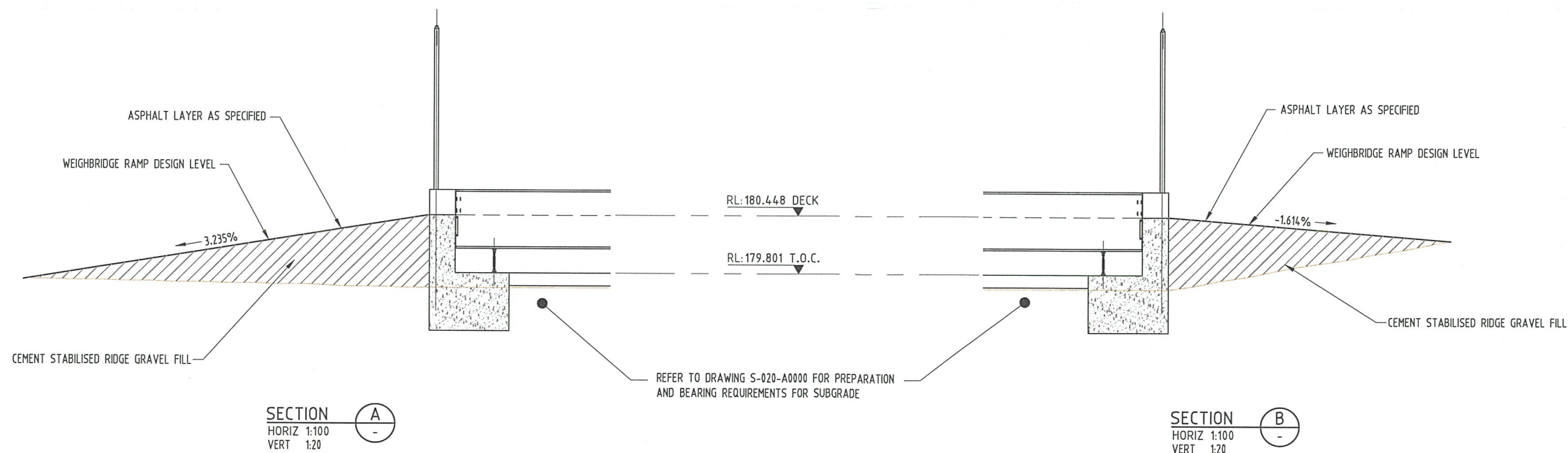
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DATE 01.08.17



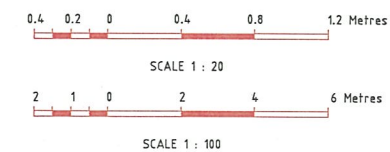


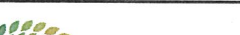
PLAN
SCALE 1:100

WEIGHBRIDGE RAMP SETOUT POINTS			
POINT	EASTING	NORTHING	RL
W01	478426.460	6470440.054	180.284
W02	478425.222	6470436.816	180.237
W03	478416.232	6470443.922	180.448
W04	478418.275	6470446.514	180.448
W05	478386.309	6470467.507	180.448
W06	478388.352	6470470.099	180.448
W07	478388.761	6470470.617	180.448
W08	478389.475	6470470.054	180.448
W09	478391.140	6470472.166	180.448
W10	478388.462	6470474.277	180.448
W11	478386.797	6470472.164	180.448
W12	478386.231	6470476.035	180.200
W13	478376.925	6470479.105	179.993
W14	478373.771	6470477.390	179.932
W15	478402.292	6470457.011	180.448



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		DO NOT SCALE FROM THIS DRAWING - ASK !!!		2017-429-0101 DETAIL 1 - SETOUT POINTS, LEVELS & LONG SECTION		1	02.08.17	SETOUT POINTS ADDED		CC	VW	VW					DES. CHECK	R.P.	24.07.17				
				2017-429-0100 GENERAL ARRANGEMENT		0	24.07.17	ISSUED FOR CONSTRUCTION		LJ	SC	VW					DRAWN	L.J.	17.05.17				
				REF ORG No.		REFERENCE DRAWING TITLE		REV		DATE		REVISIONS					BY	CHKD	APPD	CHECKED	S.C.	24.07.17	
																					APPROVED	V.W.	24.07.17

DRAWING NO	2017-429-0110	REV.	1
NETWORK STRATEGY			