



**NOTE:**

- MANHOLE COVER TO BE FLUSH WITH PAVEMENT LEVEL
- S84.1 IS A SETTING OUT POINT AT THE CENTRE OF THE SANDTRAP
- S84.2 IS A SETTING OUT POINT AT THE CENTRE OF THE OILMASTER

KKS CODE: 03UST

**FOR CONSTRUCTION**

LEGEND:

NEW 160mm Ø UPVC (SOLID WALL CL 34) SEWER LINE

NEW 110mm Ø uPVC (SOLID WALL CL 34) SEWER LINE

RE 1—

11086 6 BULL DIA

NEW 160mm Ø SEWER LINE WITH HOUSE CONNECTION

EXISTING SEWER LINE

NEW MANHOLE 1250mm

1. IN ROADS & PARKING AREAS - HEAVY DUTY S.A.B.S. CONCRETE

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| 1. | IN ROADS & PARKING AREAS - HEAVY DUTY S.A.B.S. CONCRETE COVER AND FRAME - SALBERG TYPE CAST INTO RI CONCRETE SURROUND.       |
| 2. | IN SIDEWALK & IN GARDEN AREAS - MEDIUM DUTY S.A.B.S. CONCRETE COVER AND FRAME - SALBERG TYPE CAST INTO RI CONCRETE SURROUND. |
| 3. | MANHOLE COVERS (S.A.B.S. 558/965) - SALBERG TYPE (I/II or III)   |
| 4. | REINFORCED CONCRETE SURROUND CAST IN-SITU (GRADE 25/19 CONCRETE REINFORCED WITH 10mm $\phi$ REINFORCING WITH A 300mm         |

FOR GRID INLETS —  
CONNECTING TO S 84  
REFER TO 0.84/7146/1

AND TRAP AS PER H.A.C  
INDUSTRIAL AGENTS OR  
MILAR APPROVED

AUTOMATIC CLOSING OILMASTER  
AS PER H.A.C INDUSTRIAL  
AGENTS OR SIMILAR APPROVED

POINT	Y	X
S 84	-554,468.549	26332321.003
BC 3a	-554,468.550	26332321.292
S 83	-55501.452	26332320.192
S 88	-55501.971	26332320.693
S 82	-55505.931	26332320.886
RE 85	-554,693.733	26332300.303
BC 65a	-554,716.648	26332300.641
S 86	-554,468.549	26332321.003
S 84-1	-554,666.092	26332321.944
S 84-2	-554,668.402	26332321.287

EXTENDED APRON ASH DUMP WORKSHOP		
POINT	Y	X
A1	-55464.416	2623321.218
A2	-55463.926	2623324.638
A3	-55464.775	2623325.770
A4	-55470.130	2623326.537
A5	-55471.262	2623325.689
A6	-55471.746	2623322.306

NO	DATE	DESCRIPTION	REV	BY	CHKD	APP	REMARKS
1	12/04/2012	CONSERVANCY TANK REPOSITIONED	PN	DE	LI		0.84/7254/74 TYPICAL SEWER DETAILS 3 of 3
2	28/09/2012	REF DING INFO UPDATED, QUILASER REPOSITIONED	PN	DE	LI		0.84/7254/74 CONSERVANCY TANK SEWAL
3	28/09/2012	MANHOLE SBT CANCELED & TITENAHUE CHANGED	PN	DE	LI		0.84/7254/74 TYPICAL SEWER DETAILS 3 of 3
4	16/01/2013	QUILASER RELOCATED, JARON EXTENDED	PN	CM	CM		0.84/7254/74 ASH DIMP BUL S/A, QUILASER DETAILS
5	28/09/2012	SANDPRAZ & QUILASER POSITION INCLUDED	PN	CM	LI		0.84/7254/74 ASH DIMP BUL SEWER DISCONNECTION
6	28/09/2012	TITLEBLOCK INFORMATION ADDED	PN	DE	LI		0.84/7254/74 CONSERVANCY TANK SEWAL
7	28/09/2012	CONSERVANCY TANK REPOSITIONED	PN	DE	LI		0.84/7254/74 TYPICAL SEWER DETAILS 3 of 3
8	28/09/2012	ISSUED FOR CONSTRUCTION	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
9	28/09/2012	INSET REFERENCE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
10	28/09/2012	** REVISION **	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
11	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
12	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
13	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
14	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
15	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
16	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
17	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
18	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
19	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
20	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
21	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
22	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
23	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
24	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
25	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
26	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
27	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
28	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
29	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
30	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
31	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
32	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
33	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
34	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
35	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
36	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
37	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
38	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
39	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
40	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
41	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
42	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
43	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
44	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
45	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
46	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7
47	28/09/2012	DATE	REV	CM	LI		0.84/7254/74 TYPICAL SEWER DETAILS 7 of 7

MEDUPI POWER STATION  
ASH DUMP WORKSHOP  
GENERAL SEWER LAYOUT

14031 - C - 346

0.84 / 7256



SCALE

13	14	15	16	SIZE GRADUETTE	A1L
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