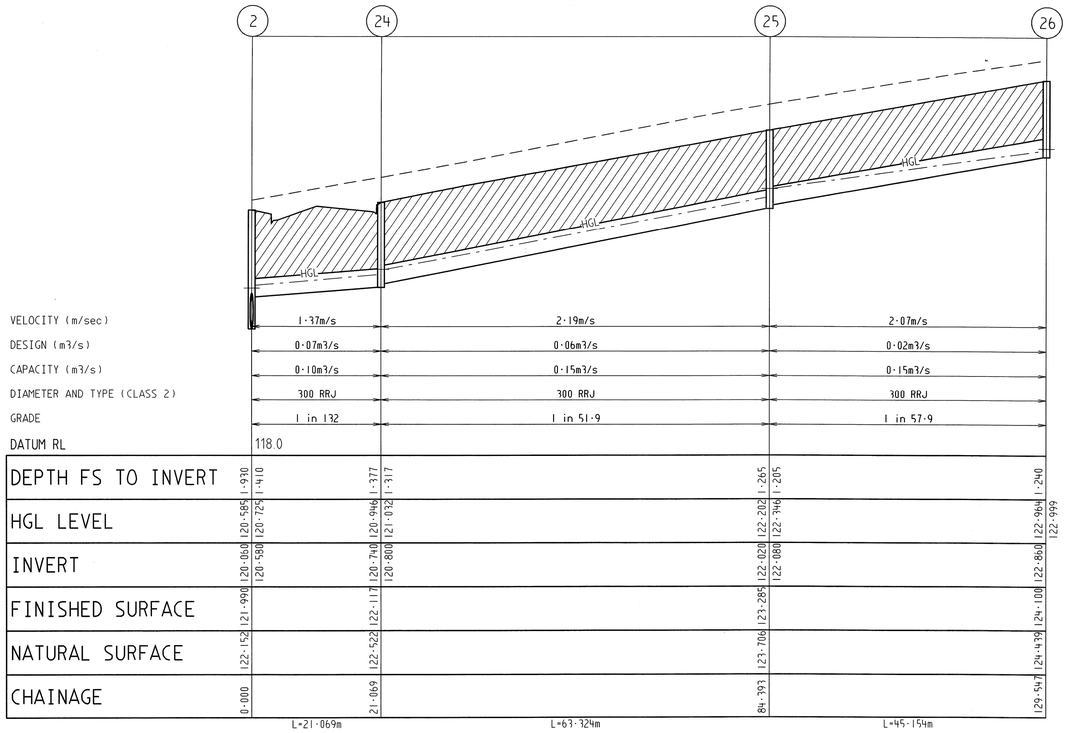

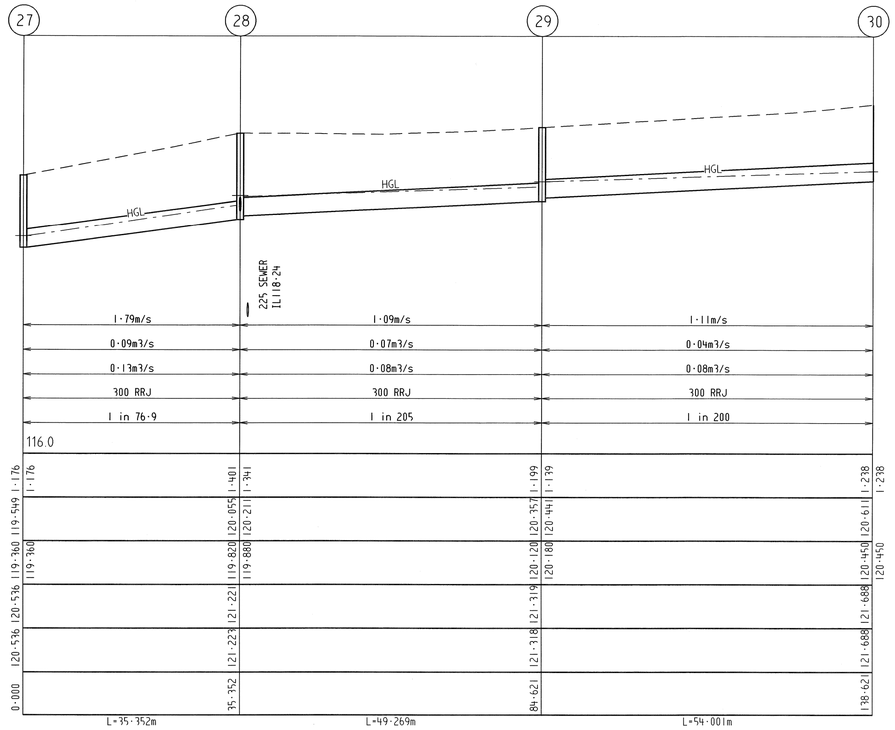

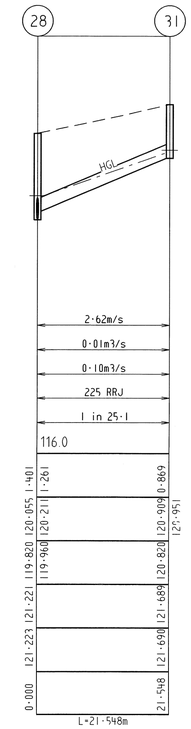

PIT SCHEDULE

PIT No.	PIT DESCRIPTION	WIDTH	LENGTH	INLET DIA	INLET INVERT	OUTLET DIA	OUTLET INVERT	TOP PIT RL	DEPTH INVERT	GAA DWG No	REMARKS
1	Endwall	900	900	525	119.894			121.495	1.601		Temporary Sandbag Endwall
2	Junction Pit	900	900	525	120.120	525	120.060	121.990	1.930	Fig014	
				300	120.580						
3	Side Entry Pit Grated	900	900	525	120.260	525	120.200	122.101	1.901	Fig012	
4	Side Entry Pit Grated	900	900	375	120.520	525	120.320	122.101	1.781	Fig012	
				450	120.400						
5	Side Entry Pit Grated	600	900	375	120.820	375	120.760	122.387	1.627	Fig012	
6	Junction Pit	600	900	375	121.050	375	120.990	122.556	1.566	Fig014	
				300	121.050						
7	Junction Pit	600	900	375	121.760	375	121.700	123.333	1.633	Fig014	
8	Side Entry Pit Grated	600	900	375	122.060	375	122.000	123.672	1.672	Fig012	
9	Side Entry Pit Grated	600	900	300	122.300	375	122.240	123.672	1.432	Fig012	
				375	122.300						
10	Junction Pit	600	900	300	122.560	300	122.500	124.005	1.505	Fig014	
11	Side Entry Pit Grated	600	900	300	122.760	300	122.700	124.233	1.533	Fig012	Constructed in Crossing Class D Cover & Grate
12	Side Entry Pit Grated	600	900	300	123.130	300	123.070	124.494	1.424	Fig012	
				300	123.130						
13	Endpipe			300	123.290	300	123.290	124.607	1.317		Blank End With Timber
14	Side Entry Pit Grated	600	900			300	123.230	124.514	1.284	Fig012	
15	Side Entry Pit Grated	600	900			375	122.400	123.899	1.499	Fig012	
16	Junction Pit	600	900	300	122.160	300	122.100	123.074	0.974	Fig014	
17	Junction Pit	600	900	225	122.680	300	122.600	123.592	0.992	Fig014	
18	Junction Pit	600	900			225	123.080	123.925	0.845	Fig014	
20	Junction Pit	900	900	375	120.650	450	120.570	122.266	1.696	Fig014	
21	Side Entry Pit Grated	600	900	375	120.900	375	120.840	122.430	1.590	Fig012	
				300	121.020						
22	Endpipe			375	121.135	375	121.135	122.665	1.530		Blank End With Timber
23	Side Entry Pit Grated	600	900			300	121.120	122.450	1.330	Fig012	
24	Side Entry Pit Grated	600	900	300	120.800	300	120.740	122.117	1371.	Fig012	Install gatic cover
25	Side Entry Pit Grated	600	900	300	122.080	300	122.020	123.285	1.265	Fig012	
26	Side Entry Pit Grated	600	900			300	122.860	124.100	1.240	Fig012	
27	Endwall			300	119.360			120.536	1.176		Temporary Sandbag Endwall
28	Junction Pit	600	900	300	119.880	300	119.820	121.221	1.401	Fig014	
				225	119.960						
29	Junction Pit	600	900	300	120.180	300	120.120	121.319	1.199	Fig014	
30	Endpipe			300	120.450	300	120.450	121.688	1.238		Blank End With Timber
31	Junction Pit	600	900			225	120.820	121.689	0.869	Fig014	

REFER TO GAA's ENGINEERING DESIGN AND CONSTRUCTION MANUAL FOR STANDARD DRAWINGS.

1. WHERE PIT HAUNCHING IS REQUIRED, INTERNAL PIT WALL DIMENSIONS MUST ALLOW 50mm CLEARANCE EACH SIDE OF PIPE OUTSIDE DIAMETER, INCLUDING ANGULAR PIPE ENTRY TO PIT. MINIMUM DIMENSIONS OF PIT BASE ARE TO BE AS PER SIZES SPECIFIED IN THE PIT SCHEDULE. TOP OF PIT OPENING FOR ALL HAUNCHED PITS TO BE 900mm x 600mm.

2. PIT BASE TO BE SHAPED TO MATCH LOWER HALF OF PIPE WHERE DROP ACROSS PIT IS LESS THAN 50mm.

AS CONSTRUCTED

LEGEND:

— — EXISTING SURFACE PROFILE

——— FINISHED SURFACE PROFILE

HGL · HYDRAULIC GRADE LINE

ALL PIPES TO BE CLASS 2 UNLESS SHOWN OTHERWISE

INDICATES CRUSHED ROCK BACKFILL

DRAINAGE LONGITUDINAL SECTIONS

SCALE HORIZONTAL 1:500
VERTICAL 1:50

1:500 10 5 00 10 20 40

AMENDMENTS

VER	DATE	REMARKS
D	29-08-2013	PIT SCHEDULE UPDATED, PIT 24 AMENDED
C	24-07-2013	PIT SCHEDULE UPDATED, PIT 19 REMOVED & PIT 20 AMENDED
B	29-06-2013	PIT 24 RELOCATED, PIT SCHEDULE UPDATED PITS 2 & 24

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land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF.	354-D-1
SURVEY	BPD
DESIGN	RW
DRAWN	RW
CHECKED	

ASPIRE ESTATE
STAGE 5A
DRAINAGE LONGITUDINAL SECTION - 2

SCALE	AS SHOWN
DATUM	AHD
DATE	NOV 2012
SHEET	8 OF 9
	D

MUNICIPALITY: MELTON

REFERENCE: 8226 E/5A

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