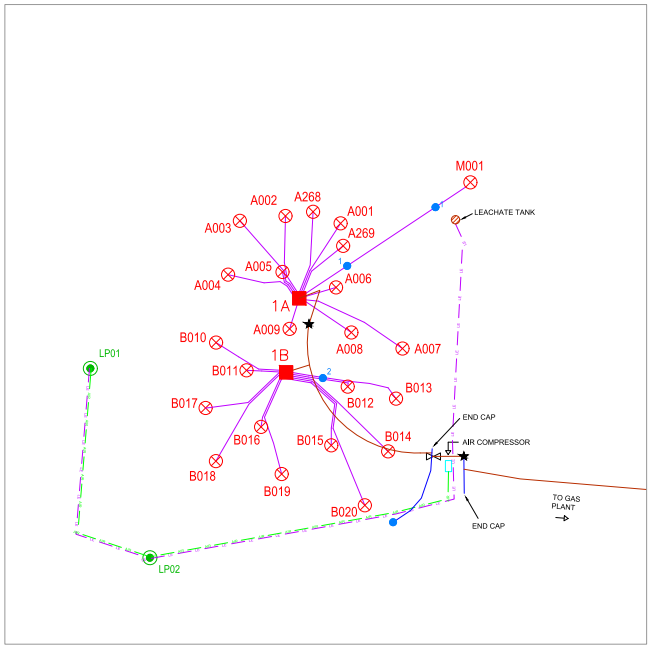

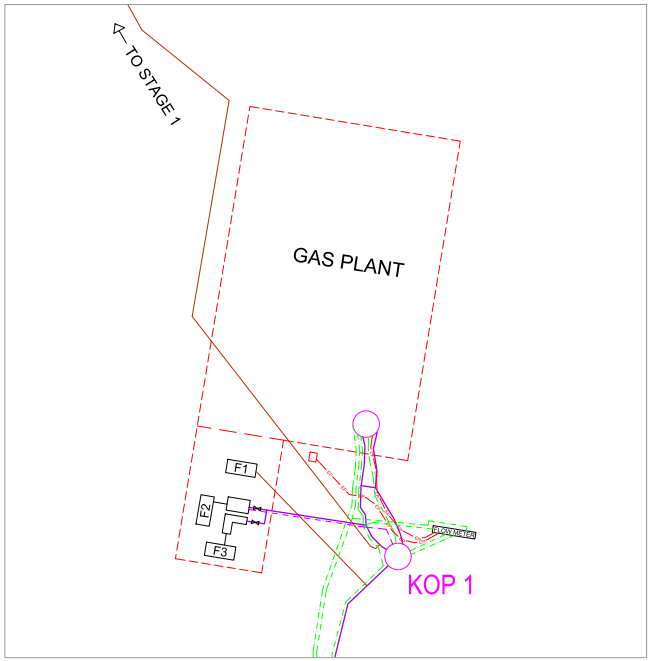

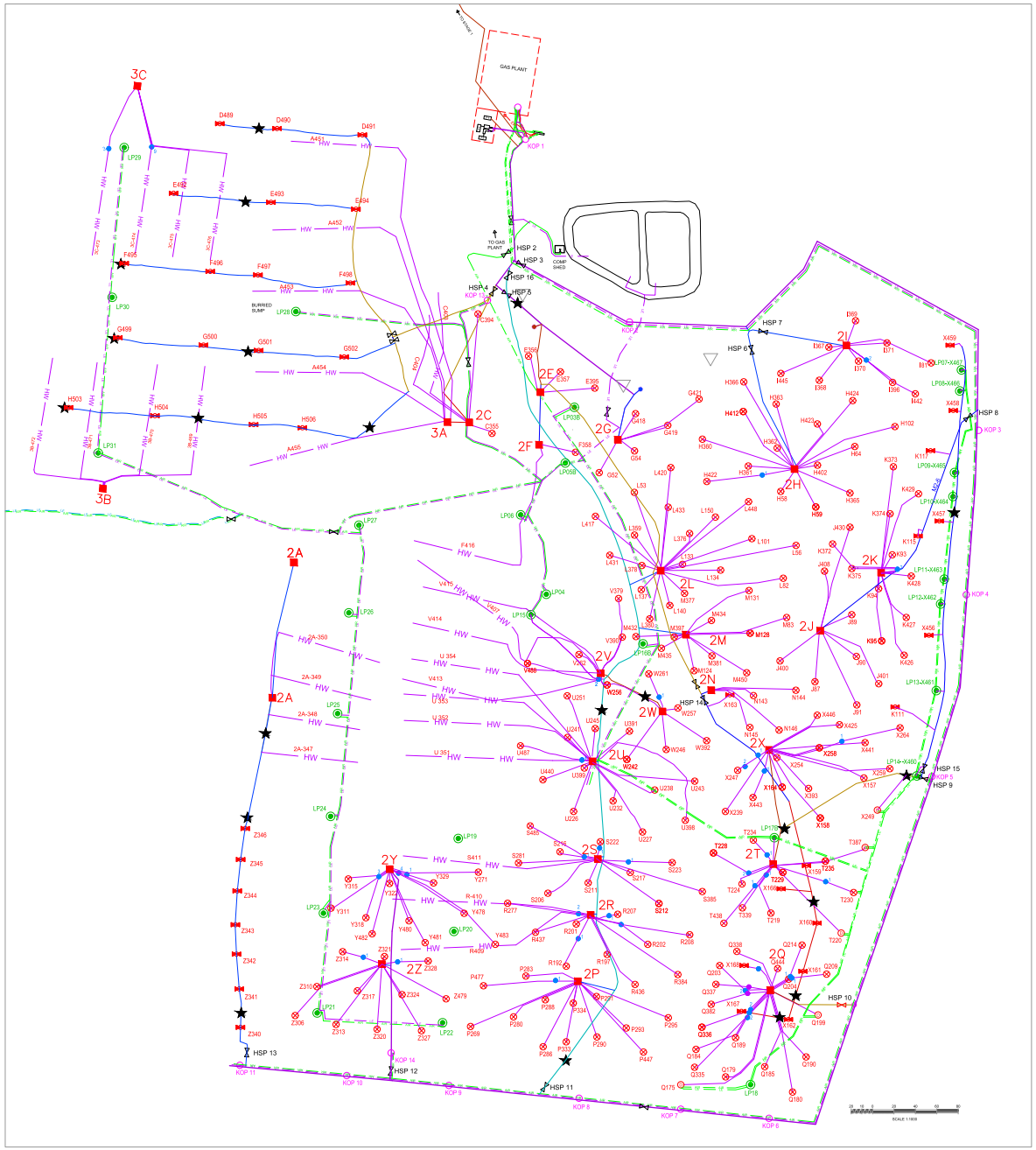

FIELD SUMMARY			
PIPE SIZE	LENGTH	ITEM	TOTAL
HORIZ WELL: 63mm	0		0
90mm	0		0
110mm	0		0
125mm	0		0
160mm	0		0
200mm	0		0
FLOW: 63mm	0		0
90mm	0		0
110mm	0		0
125mm	0		0
LATERAL: 90mm	0		0
125mm	0		0
160mm	0		0
200mm	0		0
AIR: 32mm	0	KOP	0
63mm	0		0
LEACHATE: 63mm	0		0
90mm	0		0
125mm	0	F1	0
160mm	0		
MAIN HEADER: 90mm	0		
110mm	0		
125mm	0		
160mm	0		
200mm	0		
225mm	0		
250mm	0		
280mm	0		
315mm	0		
355mm	0		
400mm	0		
450mm	0		
500mm	0		

LEGEND

- WELL
- MONITORING BORE
- WELLHEAD STATION – STANDARD
- J TRAP
- BAROMETRIC TRAP
- ISOLATION VALVE
- PIT PUMPOUT
- LEACHATE SUMP / RISER PIPES
- STANDALONE WELL
- KOP — KNOCKOUT POT
- DUAL PURPOSE WELL
- F1 — FLARE/POWER STATION
- A — WELLHEAD STATION NAME
- A125 — WELL NUMBER
- MP1–1 — MAIN GAS PIPE

- FENCE LINE
- CELL BOUNDARY
- COMMUNICATION
- POWER
- 63mm FLOW LINE
- 32mm AIR LINE
- 63mm AIR LINE
- 63mm LEACHATE LINE
- 90mm LEACHATE LINE
- 125mm LEACHATE LINE
- 160mm LEACHATE LINE
- 90mm HORIZONTAL WELL
- 90mm FLOW LINE
- 125mm MAIN/LATERAL HEADER
- 160mm MAIN HEADER
- 200mm MAIN HEADER
- 225mm MAIN HEADER
- 250mm MAIN HEADER
- 280mm MAIN HEADER
- 315mm MAIN HEADER
- 355mm MAIN HEADER
- 400mm MAIN HEADER
- 450mm MAIN HEADER
- 500mm MAIN HEADER

REV	DESCRIPTION	BY	CKD	APP	DATE
Z					
Y	STAGE 1 GCS UPDATE	ZB	TM	TM	25.09.2019
X	MRL CELL 3 GCS INSTALLATION	ZB	RB	RB	03.09.2019
W	LEACHATE AIR EXTENSION AND REDRILLS	ZB	RB	RB	18.07.2019
V	4 HWELLS, 200 MAIN 1 KOP	KCK	RB	RB	25.1.2018

REVISION HISTORY

REV	DESCRIPTION	BY	CKD	APP	DATE
U	4 A CELL DESIGN	RC	RC	RC	21.1.2019
S	AUGUST FLOWLINE REPLACEMENT	BC	LB	LB	21.8.2018
R	GAS MAINS UPDATED	BC	LB	LB	21.8.2018
Q	MRL CELL 3B HORIZONTAL DESIGN	BC	LB	LB	18.7.2018
P	MRL FLOWLINES ADDED/2L CELL REDRILLS	BC	LB	LB	24.5.2018

REVISION HISTORY

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PROJECT: MELBOURNE REGIONAL LANDFILL

DRAWING TITLE: GAS COLLECTION SYSTEM SITE LAYOUT

DRAWING No: MRL-GCS-003

DRAWING TYPE: AS BUILT

DRAWN: ZB | CKD: RB

DATE: 25.09.2019 | APP: RB

DESIGNED: RB | APP DATE: 25.09.2019

SCALE: DNS | SHEET: 1 of 2 | REV: Y | SIZE: A1

ASBUILT IN PROGRESS