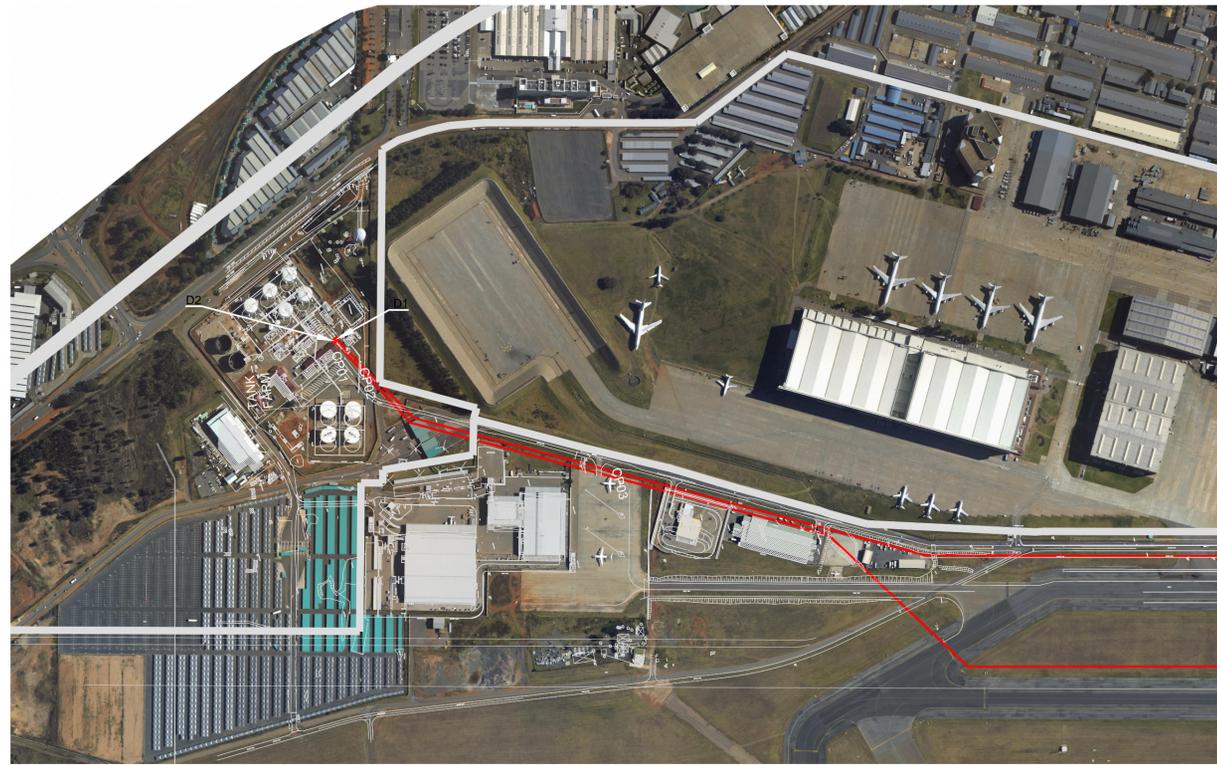


FUEL HYDRANT SECTIONS							
SECTIONS	DIAMETER (mm)	LENGTH (m)	VOLUME (m ³)	TCS	PIT VALVES	HIGH POINTS	LOW POINTS
FUEL PITS - RISERS & SPURS (3m AVERAGE x Ø150NB)			7.00				
VCM 2 - VCM 0 / VCM 1 (FEEDER)	Ø500	345	40.50	(LINE ISOLATED)			
VCM 2 (FEEDER) - FUEL STORAGE DEPOT	Ø450	1460	219.00	1			
VCM 0 / VCM 1 (FEEDER) - FUEL	Ø500	1773	342.02				BLP 1, BLP 2
VCA 4 - VCA 5	Ø400	245	28.76	2	A29 - 36		ALP 1
VCA 3 - VCA 4	Ø400	248	29.11		A23 - 28		
VCA 2 - VCA 3	Ø400	234	27.46		A10 - 22		
VCB 2 - VCM 1	Ø400	262	30.75	3	B21 - 30		
VCB 1 - VCB 2	Ø400	213	25.00		B12 - 20		
VCA 1 - VCB 1	Ø400	289	33.91		B1 - 11		
VCA 1 - VCA 2	Ø400	205	24.06		A5 - 9		
VCE 3 - VCA 1	Ø400	347	40.73	4	A1 - 4 & E17 - 18		
VCC 6 - VCM 2	Ø400	166	19.48		C45 - 50		
VCC 5 - VCC 6	Ø400	192	22.54	5	C38 - 44		
VCC 4 - VCC 5	Ø400	360	42.26		C29 - 37		CLP 2
VCC 3 - VCC 4	Ø400	163	19.13	6	C25 - 28		
VCC 2 - VCC 3	Ø400	138	16.20		C16 - 24		
VCC 1 - VCC 2	Ø400	142	16.67	7	C7 - 15		
VCA 5 - VCC 1	Ø400	143	16.78		C1 - 6	CHP 1	CLP 1
VCA 2 - VCE 1	Ø400	212	24.88	8	E1 - 8		
VCE 2 - VCE 1	Ø400	180	21.13		E9 - 16	EHP 1	
VCE 3 - VCE 2	Ø400	180	21.13	9	F8 - 17		FLP 1
VCF 2 - VCF 1	Ø400	255	29.94				
VCE 1 - VCF 2	Ø400	210	24.65				
VCD 11 - VCD 8	Ø400	272	32.93	10	D74, D81, D83, D86, D88, D92, D94 & D96		
VCF 1 - VCD 11	Ø400	156	18.31		F1 - 7		
VCD 10 - VCE 3	Ø400	315	36.97		D99 - 110		DLP 4
VCD 7 - VCD 10	Ø400	272	31.93	11	D73, D75 - 80, D82, D84, D85, D87, D89, D90, D91, D93, D97, D98		
VCD 6 - VCD 7	Ø400	118	13.85		D43 - 72		DLP 3
VCD 3 - VCD 5	Ø400	370	43.43		D23 - 34		DLP 1
VCD 2 - VCD 3 (FEEDER)	Ø400	230	27.00	12	D14 - 22		
VCD 1 - VCD 2 (FEEDER)	Ø400	187	21.95		D1 - 13		
VCD 4 - VCD 1	Ø400	417	48.95	13			DLP 2
VCD 9 - VCD 4	Ø400	815	95.68				
VCD 5 - VCD 6	Ø400	149	17.49		D35 - 42		
VCD 1 - VCD 1	Ø400	1040	124.59		G1 - 7	GHP 1 - GHP 3	GLP 1 - GLP 2 & DLP 4 - DLP 5
GOLF APRON FUEL PITS AND RISERS	Ø150	38.6	0.74				



GENERAL LAYOUT

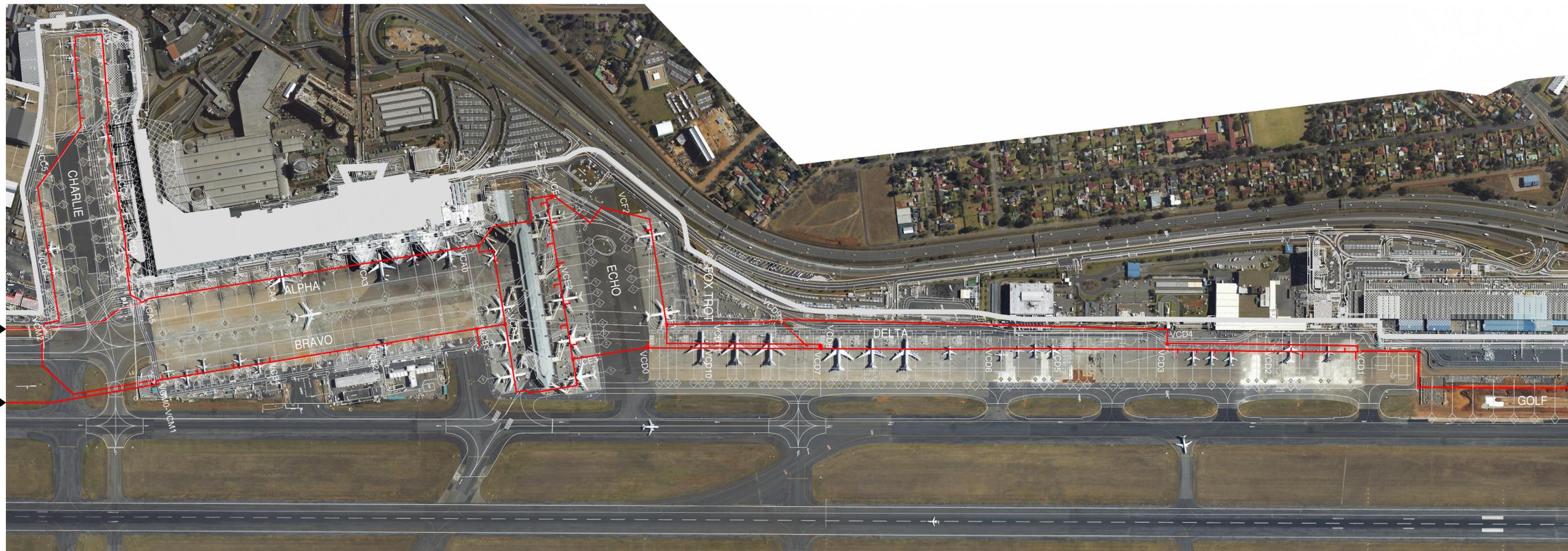
NOTES:

- BACKGROUND INFRASTRUCTURE & BUILDING DRAWINGS ARE FOR REFERENCE ONLY AND CANNOT BE USED TO DETERMINE EXACT POSITION.
- SECTION VOLUMES OF ALL APRONS EXCEPT GOLF APRON WERE OBTAINED FROM DRAWING NO. 7600-M-101.
- PIPE ROUTE WAS OBTAINED FROM THE LATEST AS-BUILT INFORMATION PROVIDED BY OTHERS.

Scale on reduced drawing



03	UPDATED VALVE CHAMBER NUMBERING AND SWAPPED NAMES FOR VALVES 91 AND 92	MM	GDS	07-2013
02	AERIAL PHOTO ADDED	MM	GDS	05-2011
01	FUEL HYDRANT SECTIONS TABLE REVISED	MM	GDS	03-2011
No.	Description	Checked	Drawn	Date



GENERAL LAYOUT



Consultant



VGI CONSULTING INC.
Consulting Civil and Structural Engineers & Project Managers

P.O. Box 68968
Highveld
Centurion
0169

Tel : +2712 682 9140
Fax : +2712 665 1412
e-mail : info@vgi.co.za

Project
OR TAMBO INTERNATIONAL AIRPORT

Drawing title
FUEL HYDRANT NETWORK - SECTION VOLUMES

Scale
1 : 5000

Date
FEBRUARY 2011

Designed	MM	Drawn	GS
Checked	JSMV	Date	FEBRUARY_2011

Project no. 880

Sheet 1 Of 1
Por

Plan no. **880-C/A1-2059 rev 03**