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mm L.D.S.						BY	LFY		2 13/08 C.D
mm W.W.S.	SUPV. U/G STRUCTURES DATE COMMITTEE					CHECKED			Jah WAR
						BY	SSR		
	NOTE:					APPROVED		DILLON	Memb 2445
	LOCATION OF UNDERGROUND STRUCTURES AS					BY	DPK	CONSULTING	AND ATTO
•	SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR					HOR. SCALE AS NOTED	RELEASED FOR	PROFES	
	THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT							CONSTRUCTION	CONSULTANT PRO
	LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES	0	ISSUED FOR TENDER	13/08/08	MRD	VERTICAL	AS NOTED		
OPOSED	BEFORE PROCEEDING WITH CONSTRUCTION.	NO.	REVISIONS	DATE	BY	DATE		DATE	12-66

MK.	QTY.	DESCRIPTION
1	1	DODECAGONAL SHAFT 550 A/F TO 400 A/F x 9.525
2	1	DODECAGONAL SHAFT 550 A/F TO 400 A/F x 9.525
3	1	DODECAGONAL CROSSBEAM 400 A/F TO 550 A/F x 6.35
4	1	DODECAGONAL CROSSBEAM 400 A/F TO 550 A/F x 6.35
5	1	DODECAGONAL CROSSBEAM 550 A/F x 6.35
6	2	BASE PLATE 875 DIA. x 51 THICK
7	2	TOP PLATE 500 O.D. x 145 I.D. x 38 THICK
8	2	SOLID ROUND PIN 143 DIA. x 600 LONG
9	4	BACKUP STRIP 4.76 x40
10	4	GUSSET PLATE 600 x 245 x 19 THICK
11	2	6" SCH. 80 PIPE (168 O.D.) 480 LONG
12	2	PIN PLATE 168 O.D. 19 THICK
13	2	HEX HEAD BOLT 32 DIA. SAE GRADE 5 GALV.
14	4	BACK-UP STRIP 6 x 40 (FOR CROSSBEAM)
15	4	SPLICE PLATE 765 DIA. x 44 THICK (GR. 300W)
16	32	32 DIA. BOLTS C/W NUT & 2 WASHERS (ASTM A325 TYPE 1, GALV)
17	2	BACKING BAR 6.35 x 40 x 600 LONG
18	2	FLANGE PLATE 600 SQ. x 44 THICK
19	2	END PLATE 19 THICK
20	4	HALF COUPLING (11/2" NOMINAL) ASTM A105 3000 lb
21	40	PLATE WASHER 12 THICK
		HANDHOLE MARK H1 (2 REQUIRED)
22	1	COVER PLATE 11 GA. x 160 x 340 (ASTM A569)
23	1	REINFORCING RING 8 x 65 x 830
24	2	CLAMP BAR 6 x 40 x 180
25	2	10 DIA. x 140 BOLT S/S (TYPE 316)
26	1	GROUND STUD ASSEMBLY 10 DIA. x 40
		HANDHOLE MARK H2 (2 REQUIRED)
27	1	COVER PLATE 11 GA. x 130 x 220 (ASTM A569)
28	1	REINFORCING RING 8 x 65 x 555
29	1	CLAMP BAR 6 x 40 x 150
25	1	10 DIA. x 140 BOLT S/S (TYPE 316)
26	1	GROUND STUD ASSEMBLY 10 DIA. x 40
		SIGN MOUNTING BRACKET (11 REQUIRED)
30	2	CLAMP BAR 12 x 76 (LENGTH TO SUIT)
31	1	BRACKET PLATE 12 THICK
32	2	19 DIA. BOLT C/W NUT & 2 WASHERS (ASTM A325)
33	2	19 DIA. x 50 S/S BOLT (TYPE 316)
34	1	ALUMINUM T-BAR 6061-T6 ASTM B221 102 x 76 x 8 LENGTH TO SUIT SIGN PANEL HEIGHT
		METRIC