

THIS FIXTURE TO BE WALL MOUNTED ULTRASONIC -LEVEL TRANSMITTER - HANG FIXTURE UNDER MIDDLE OF STAIRWELL FLIGHT TRANSDUCER SP-1 LOCK-OFF-STOP -- SP-2 LOCK-OFF-STOP - PUMP POWER CABLE J.B. PUMP POWER CABLE J.B. — — SP-3 LOCK-OFF-STOP - PUMP POWER CABLE J.B. A14**□** A12 H MECHANICAL ROOM FLOOR PLAN

A5 💢

NOTE: HANG ALL MECHANICAL ROOM LIGHTS (AND LOWER STAIR LIGHT) AT 3.05m ABOVE FLOOR LEVEL

PROVIDE 4 FIXTURES EVENLY SPACED FROM SURFACE TO ELEV 226.80 - RECEPTACLES IN WET WELL TO BE INSTALLED AT ELEV. 226.80 SUBMERSIBLE SUBMERSIBLE SUBMERSIBLE PUMP PUMP SP-1 SP-2 SP-3- RUN RUBBER PUMP MOTOR POWER CABLES - FLOAT SWITCHES DIRECTLY TO POWER CABLE JUNCTION BOXES FS-1 AND FS-2 C/W THROUGH PUMP OPENINGS. UTILIZE KELLEM'S MOUNTING BRACKET GRIPS (TYP. OF 3) AT MECHANICAL ROOM FLOOR PENETRATION. - PROVIDE 3 FIXTURES EVENLY SPACED FROM - SLUICE GATE $^{ m I}$ U/S OF FLOOR TO ELEV 226.80 A16 WP 🔕 - COMBUSTIBLE GAS SENSOR (SUPPLIED BY MECH.)

WETWELL FLOOR PLAN

NOTE: ALL LIGHTING FIXTURES ON MAIN FLOOR
TO BE SURFACE MOUNTED ON CEILING

PANEL "A"		120,	/20	8V,	3ø	, 4W		225A MAI
DESCRIPTION	CCT.	BRK	A	В	С	BRK	CCT.	DESCRIPTION
MAIN FLOOR LIGHTING	1	15	+	+	$\overline{+}$	15	2	TELEPHONE BACKBOARD RECEPTACLE
MECHANICAL ROOM LIGHTING	3	15	17	•	+	15	4	GENSET BLOCK HEATER
WET WELL/ACCESS HATCH LIGHTING	5	15		\blacksquare	+	15	6	GENSET BATTERY CHARGER
STAIRWELL LIGHTING	7	15	-	\perp	+	15	8	GENSET VENTILATION SYSTEM PANEL
OUTDOOR LIGHTING	9	15		•	+	15	10	MAIN FLOOR RECEPTACLES (6)
EXIT LIGHTING	11	15		-	+	15	12	MECHANICAL ROOM RECEPTACLES (3)
PLC CONTROL CIRCUIT	13	15	-		+	15	14	STAIRWELL RECEPTACLES (2)
00.05	15	15		+	+	15	16	WET WELL/ACCESS HATCH RECEPTACLES (
SPARE	17	15	H		+	1	18	,
C.O.W RTU PANEL	19	15	+		+	15	20	EXHAUST FAN EF-1 STARTER PANEL
SPARE	21	15		•	+	15	22	SPARE
SPARE	23	15			+	_	24	SPARE
	25	_	-		+		26	
	27		Ħ	•	+		28	
	29		17		+		30	
	31		-		+		32	
	33			+	#		34	
	35				+		36	
	37		-		+		38	
	39		†‡		+		40	
	41		†#	\perp	\downarrow		42	

PANEL "H"	347/600V, 3ø, 4W	125A MAINS
DESCRIPTION	CCT. AMP AMP CCT.	DESCRIPTION
MAIN FLOOR UNIT HEATER UH-1	1 3 30 2 MAIN FLO	OOR UNIT HEATER UH-2
MECHANICAL ROOM UNIT HEATER UH-3	7 9 15 30 10 SPARE 11 12	
STAIRWELL FORCE FLOW HEATER (UP)	13 20 15 14 SPARE	
STAIRWELL FORCE FLOW HEATER (DOWN)	15 20 20 16 SPARE	
SPARE	17 19 15 21 21 22 23	
	25 26	
	27 28 29 30	
	31 32	
	33 34	
	35 36 37 38 39 40	
	41 42	

NOTES

- ALL INTERIOR PUMPING STATION AREAS INCLUDING THE WET WELL AND ACCESS HATCH ARE AREAS WHERE CORROSIVE LIQUIDS AND VAPOURS ARE NOT NORMALLY PRESENT AND THEREFORE ARE CLASSIFIED AS ORDINARY AREAS.
- 2. ALL CONDUIT TO BE IN-SLAB, WALL OR CEILING MOUNTED BETWEEN PANELS AND DEVICES. NO FLOOR MOUNTING OR CEILING DROPS WILL BE PERMITTED.
- 3. USE IN—SLAB CONDUIT TO CONNECT TO ALL EQUIPMENT NOT ADJACENT TO A WALL OR CEILING.



LOCATION APPROVED UNDERGROUND STRUCTURES		i. V.	96	Stantec Consulting Ltd.			ENGINE		
SUPV. U/G STRUCTURES DATE COMMITTEE					Stantec		ey Street, Winnip 19-5900 Fax 20		
NOTE:					DESIGNED BY	D.W.D.	CHECKED BY	D.W.D.	D.
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL FXISTING UTILITIES ARE SHOWN OR	3	ISSUED FOR ADDENDUM No.4	06.01.05		DRAWN BY	G.K.L.	APPROVED BY	D.W.D.	
THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE	1	ISSUED FOR TENDER ISSUED FOR CLIENT REVIEW	05.12.09 05.11.24		HOR. SCALE:	AS SHOWN	AUTHORIZED BY:	DATE 05.12.09	CONCIL
OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.	0 NO.	ISSUED FOR CLIENT REVIEW REVISIONS	05.10.19 DATE	D.W.D.	VERTICAL: DATE 05.09.1	3	R. FINGAS US. 12.09 R. FINGAS, P. ENG. BRIDGE PROJECTS ENGINEER		CONSUL II37

td.	ENGINEER'S SEAL	THE CITY OF	WINNIPEG
toba 9012	ORIGINAL SEALED BY	Winnipeg ENGINEERING DIVISION	
	D.W. DOWHAN P. ENG. 05.12.09	KENASTON UNDERPASS	SHEET OF 23 25
DATE		KENASTON UNDERPASS PUMPING STATION	CAD FILE DRAWING NUMBER 113703042—E04.dwg
2.09	CONSULTANT DRAWING NO. II3703042-E04	ELECTRICAL - FLOOR PLANS AND DETAILS	CITY DRAWING NUMBER P-3258-167