

SEWAGE PUMP STATION STANDARD DRAWINGS

DRAWING INDEX - SHEET 1 OF 2

DRAWING No.	DRAWING TITLE			REV No.
SEQ-SPS-INDEX	SEWAGE PUMP STATION	DRAWING INDEX	SHEET 1 OF 2	0
SEQ-SPS-INDEX	SEWAGE PUMP STATION	DRAWING INDEX	SHEET 2 OF 2	0
SEQ-SPS-1100-1	TYPICAL LOCALITY AND SITE PLAN			0
SEQ-SPS-1100-2	TYPICAL LONGITUDINAL SECTION	OF RISING MAIN		0
SEQ-SPS-1101-1	TYPICAL P & ID DIAGRAM	DUTY - ASSIST OPERATION		0
SEQ-SPS-1101-2	TYPICAL P & ID DIAGRAM	DUTY STANDBY OPERATION		0
SEQ-SPS-1101-3	PUMP AND RISING MAIN DETAILS			0
SEQ-SPS-1101-4	RISING MAIN CONCEPT DESIGN	SECTIONS AND MEAN	HEAD CALCULATIONS	0
SEQ-SPS-1102-1	TYPICAL SITE LAYOUT			0
SEQ-SPS-1102-2	TYPICAL SITE LAYOUT WITH	STORAGE AND BACK-UP POWER		0
SEQ-SPS-1102-3	ALTERNATIVE LAYOUT WITH	STORAGE AND OPTIONAL FLOW-METER		0
SEQ-SPS-1102-4	TYPICAL SITE LAYOUT WITH	PIG INSERTION/EMERGENCY PUMP POINT	AND GRIT COLLECTOR	0
SEQ-SPS-1102-5	LEVEL AND CAPACITIES	INTERACTION DIAGRAM		0
SEQ-SPS-1102-6	ALTERNATIVE LEVEL INTERACTION	DIAGRAM FOR SMALL STATIONS		0
SEQ-SPS-1300-1	TYPICAL 2.4 M WET WELL	GENERAL ARRANGEMENT		0
SEQ-SPS-1300-2	2.4 M WET WELL	SECTION DETAILS		0
SEQ-SPS-1300-3	2.4 M WET WELL	PIPEWORK ARRANGEMENT		0
SEQ-SPS-1300-4	FLOWMETER & SECTION VALVE CHAMBER			0
SEQ-SPS-1300-5	2.4 M WET WELL	STRUCTURAL DETAILS		0
SEQ-SPS-1300-6	LEVEL CONTROL AND	WELL WASHER DETAILS		0
SEQ-SPS-1300-7	2.4M WET WELL	`NOTES SHEET 1 OF 2`		0
SEQ-SPS-1300-8	2.4M WET WELL	NOTES SHEET 2 OF 2		0
SEQ-SPS-1300-9	TYPICAL 1800 DIA LIFT STATION			0
SEQ-SPS-1300-10	TYPICAL 1800 DIA LIFT STATION	SECTIONS		0
SEQ-SPS-1300-11	TYPICAL 1800 DIA LIFT STATION	MISCELLANEOUS DETAILS		0
SEQ-SPS-1300-12	ALTERNATIVE LIFT STATION ARRANGEMENT	INCLUDING STORAGE OPTION		0
SEQ-SPS-1301-1	PUMP WELL GENERAL ARRANGEMENT	PLAN AT TOP SLAB LEVEL		0
SEQ-SPS-1301-2	PUMP WELL GENERAL ARRANGEMENT	PLAN AT HEADER PIPE LEVEL		0
SEQ-SPS-1301-3	PUMP WELL GENERAL ARRANGEMENT	SECTIONAL ELEVATION		0
SEQ-SPS-1301-4	CHAIN SUSPENDED	SUBMERSIBLE PUMP	TYPICAL INSTALLATION	0
SEQ-SPS-1304-0	ALUMINIUM ACCESS COVERS	DRAWING INDEX AND GENERAL NOTES		0
SEQ-SPS-1304-1	ALUMINIUM ACCESS COVERS	GENERAL ARRANGEMENT		0
SEQ-SPS-1304-2	TYPICAL MULTI COVER ARRANGEMENT	AND SECTION DETAILS		0
SEQ-SPS-1304-3	ALUMINIUM ACCESS COVERS	SECTION AND	HINGE DETAILS	0
SEQ-SPS-1304-4	ALUMINIUM ACCESS COVERS	COVER SECTION DETAILS		0
SEQ-SPS-1304-5	ALUMINIUM ACCESS COVERS	LOCK BOX MECHANISM DETAIL		0
SEQ-SPS-1304-6	ALUMINIUM ACCESS COVERS	GRILLE HINGE DETAILS & SECTIONS		0
SEQ-SPS-1304-7	ALUMINIUM ACCESS COVERS	CENTRE GRILLE HINGE	DETAILS & SECTIONS	0
SEQ-SPS-1304-8	ALUMINIUM ACCESS COVERS	MISCELLANEOUS DETAILS		0
SEQ-SPS-1304-9	ALUMINIUM ACCESS COVER	RETAINING POST DETAILS		0
SEQ-SPS-1304-10	SEWAGE PUMP STATION	LIGHT DUTY ACCESS COVERS		0
SEQ-SPS-1304-11	LIFTING DUTY ACCESS COVERS	FRAME, SAFETY MESH PANELS AND COVER		0
SEQ-SPS-1304-12	LIFTING DUTY ACCESS COVERS	PUMP WELL HINGE AND SEAL DETAILS		0
SEQ-SPS-1304-13	LIFTING DUTY ACCESS COVERS	PUMP WELL AND	VALVE PIT LATCH MECHANISM	0
SEQ-SPS-1304-14	LIFTING DUTY ACCESS COVERS	LATCH MECHANISM BOX DETAILS		0
SEQ-SPS-1304-15	LIFTING DUTY ACCESS COVERS	STRIKER PLATE ON FRAMES DETAILS		0
SEQ-SPS-1304-16	LIFTING DUTY ACCESS COVERS	VALVE PIT GENERAL ARRANGEMENT		0
SEQ-SPS-1304-17	LIFTING DUTY ACCESS COVERS	SECTIONS AND DETAILS		0
SEQ-SPS-1305-1	ALUMINIUM LADDERS			0
SEQ-SPS-1305-2	ALUMINIUM EXTENDABLE	HANDGRIP STANCHION		0
SEQ-SPS-1305-3	ALUMINIUM HANDRAILS			0
SEQ-SPS-1305-4	FABRICATED METALWORK			0

REV. No.	DATE	DESCRIPTION	AUTH.	SEQ WATER SERVICE PROVIDERS	SEWAGE PUMP STATION STANDARD DRAWING SEWAGE PUMP STATION DRAWING INDEX SHEET 1 OF 2	GCCC	LCC	RCC	QUU	UW
						DRAWING No. SEQ-SPS-INDEX				
						NOT TO SCALE				ORG DATE: 1/1/2013

WORK PRACTICES MUST COMPLY WITH ALL APPLICABLE OCCUPATIONAL HEALTH & SAFETY LEGISLATION

SEWAGE PUMP STATION STANDARD DRAWINGS DRAWING INDEX - SHEET 2 OF 2

DRAWING No.	DRAWING TITLE			REV No.
SEQ-SPS-1308-1	RPZ DEVICE	TYPICAL LAYOUT		0
SEQ-SPS-1400-1	GRIT COLLECTOR	MAINTENANCE HOLE	GENERAL ARRANGEMENT	0
SEQ-SPS-1401-1	GRIT COLLECTOR - MAINTENANCE HOLE	BAR SCREEN INSTALLATION	GENERAL ARRANGEMENT	0
SEQ-SPS-1401-2	GRIT COLLECTOR - MAINTENANCE HOLE	INLET PIPE & VALVE	INSTALLATION & DETAILS	0
SEQ-SPS-1402-1	ADDITIONAL STORAGE CHAMBER	GENERAL REQUIREMENTS		0
SEQ-SPS-1405-2	TYPICAL VENT POLE			0
SEQ-SPS-1406-1	RISING MAIN DISCHARGE	TO GRAVITY SEWER		0
SEQ-SPS-1406-2	PREFERRED RISING MAIN DISCHARGE	MANHOLE TO GRAVITY SEWER - 900mm DIA		0
SEQ-SPS-1406-3	ALTERNATIVE RISING MAIN DISCHARGE	MANHOLE TO GRAVITY SEWER - 900mm DIA		0
SEQ-SPS-1406-4	RISING MAIN DISCHARGE MANHOLE	TO GRAVITY SEWER - 1200mm DIA		0
SEQ-SPS-1407-1	POLYETHYLENE LINING	TOP SLAB & WALL	TYPICAL DETAILS	0
SEQ-SPS-1407-2	POLYETHYLENE LINING	WALL PIPE PENETRATION	TYPICAL DETAILS	0
SEQ-SPS-1508-1	SURVEY PLATE, PUMP LABEL PLATE	VALVE SPINDLE ACCESS		0
SEQ-SPS-1508-2	RISING MAIN VALVE MARKING			0
SEQ-SPS-1509-1	GRIT COLLECTOR	MAINTENANCE HOLE	ABOVE GROUND GEARBOX	0
SEQ-SPS-1601-1	TYPICAL PIPE INSTALLATION, SUPPORT AND	TRENCH FILL - RISING MAINS <= DN300		0
SEQ-SPS-1602-1	RISING MAIN	SCOUR / DRAIN ARRANGEMENT		0
SEQ-SPS-1603-1	SCOUR MAINTENANCE HOLE FOR	RISING MAINS DN300 OR SMALLER		0
SEQ-SPS-1604-1	SCOUR MAINTENANCE HOLE FOR	RISING MAINS LARGER THAN DN300		0
SEQ-SPS-1605-1	DN32 AIR BLEED ASSEMBLY FOR OD250	RISING MAINS OR SMALLER		0
SEQ-SPS-1606-1	AUTOMATIC GAS RELEASE VALVES			0
SEQ-SPS-1607-1	CAST IRON VALVE BOX AND COVER			0
SEQ-SPS-1608-1	COMBINATION	EMERGENCY PUMP CONNECTION	AND PIG INSERTION POINT DETAILS	0

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				SEQ WATER SERVICE PROVIDERS <small>WORK PRACTICES MUST COMPLY WITH ALL APPLICABLE OCCUPATIONAL HEALTH & SAFETY LEGISLATION</small>	SEWAGE PUMP STATION DRAWING INDEX SHEET 2 OF 2	DRAWING No.						VERSION	
						SEQ-SPS-INDEX						A	
						NOT TO SCALE						ORG DATE: 1/1/2013	