SMALL PUMP STATION DRAWING LIST (MN01) April 2024

DRAWING NO.	DESCRIPTION
MN01-000-001-01A	Primary Design Process Flow Chart
MN01-000-002-01A	Primary Design Process – Guidelines and Recommendations
MN01-001-001-01D	Primary Design - Power Diagram Template Single Switchboard Site
MN01-001-002-01E	Primary Design - Power Diagram Template Multiple Switchboard Site, Generator at PS Swbd - Part 1
MN01-001-002-02E	Primary Design - Power Diagram Template Multiple Switchboard Site, Generator at PS Swbd - Part 2
MN01-001-003-01D	Primary Design - Power Diagram Template Multiple Switchboard Site, Generator at Main Swbd - Part 1
MN01-001-003-02E	Primary Design - Power Diagram Template Multiple Switchboard Site, Generator at Main Swbd - Part 2
MN01-001-004-01A	Primary Design - Power Diagram Template Mini Cubicle - 100a Main Switchboard
MN01-001-005-01B	Primary Design - Power Diagram Template Multiple Master Meters – 160A Main Switchboard
MN01-002-001-01G	Primary Design - Earthing Diagram Template Single Switchboard Site
MN01-002-002-01G	Primary Design - Earthing Diagram Template Multiple Switchboards Separated < or = 50M, Generator at PS Switchboard
MN01-002-002-02G	Primary Design - Earthing Diagram Template Multiple Switchboards Separated > 50M, Generator at PS Switchboard
MN01-002-003-01H	Primary Design - Earthing Diagram Template Multiple Switchboards Separated < or = 50M, Generator at Main Switchboard
MN01-002-003-02G	Primary Design - Earthing Diagram Template Multiple Switchboards Separated > 50M, Generator at Main Switchboard
MN01-002-004-01F	Primary Design - Earthing Diagram Template Multiple Master Meters – Shared Earthing
MN01-002-004-02E	Primary Design - Earthing Diagram Template Multiple Master Meters – Separate Earthing
MN01-002-005-01A	Primary Design - Earthing Diagram Template Variable Speed Controller Options
MN01-003-001-01H	Primary Design - Protection Grading Template Protection Grading Curves
MN01-003-001-02B	Primary Design – Protection Grading Template Protection Grading Curves – Part 2
MN01-004-001-01A	Primary Design - Variable Speed Controller Coordinated VSC and Filter Component Selection Options
MN01-011-001-01I	Primary Design - Power Diagram Template Options Incoming Mains
MN01-011-002-01E	Primary Design - Power Diagram Template Options Ancillary Circuits
MN01-012-001-01D	Primary Design - Power Diagram Template Options Motor Starters - Wastewater - Part 1
MN01-012-001-02G	Primary Design - Power Diagram Template Options Motor Starters - Wastewater - Part 2
MN01-012-001-03A	Primary Design - Power Diagram Template Options Motor Starters - Wastewater Part 3
MN01-012-002-01D	Primary Design - Power Diagram Template Options Motor Connections - Wastewater

MN01-013-001-01D	Primary Design - Power Diagram Template Options Motor Starters - Water - Part 1
MN01-013-001-02G	Primary Design - Power Diagram Template Options Motor Starters - Water - Part 2
MN01-013-001-03A	Primary Design - Power Diagram Template Options Motor Starters - Water - Part 3 (Variable Speed)
MN01-013-002-01D	Primary Design - Power Diagram Template Options Motor Connections - Water
MN01-014-001-01D	Primary Design - Power Diagram Template Options Motor Starters - Bore - Part 1
MN01-014-001-02G	Primary Design - Power Diagram Template Options
MN01-014-001-03A	Primary Design - Power Diagram Template Options Motor Starters - Bore - Part 3 (Variable Speed)
MN01-014-002-01F	Primary Design - Power Diagram Template Options Motor Connections - Bore
MN01-020-001-01A	Switchboard Reference MK8 Outdoor Cubicle – Switchboard Weight Tables
MN01-021-001-01F	Switchboard Reference MK8 Outdoor Switchboard - Dimensions - Part 1
MN01-021-001-02E	Switchboard Reference MK8 Outdoor Cubicle - Switchboard Sizing Examples
MN01-021-001-03G	Switchboard Reference MK8 Outdoor Cubicle - Switchboard Sizing Tables
MN01-021-002-01C	Switchboard Reference MK9 Outdoor Switchboard – Cubicle Dimensions
MN01-021-002-02B	Switchboard Reference MK9 Outdoor Switchboard – Switchboard Sizing
MN01-021-003-01B	Switchboard Reference Mini Cubicle Dimensions
MN01-021-004-01B	Switchboard Reference Motor Disconnect/Generator Connection - Cubicle Dimensions
MN01-021-005-01A	Switchboard Reference MK8 Outdoor Switchboard – VSC Cubicle Dims & Door Details
MN01-021-005-02A	Switchboard Reference MK8 Outdoor Switchboard – VSC – Switchboard Sizing
MN01-021-006-01A	Switchboard Reference MK8 & MK9 Outdoor Switchboard – Electrical Slab Dimensions
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MN01-022-002-01F	Motor Starter Reference - Wastewater DOL Starter - Control Diagram
MN01-022-003-01B	Motor Starter Reference - Wastewater ATR Starter - Power Diagrams 5.4A - 89A
MN01-022-003-02D	Motor Starter Reference - Wastewater ATR Starter - Power Diagram 89.1A - 263A
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MN01-022-004-01F	Motor Starter Reference - Wastewater ATR Starter - Control Diagram 5.4 – 100A
MN01-022-004-02F	Motor Starter Reference - Wastewater Atr Starter - Control Diagram 100.1a - 263a
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MN01-022-005-02B	Motor Starter Reference - Wastewater VSC – Power Diagram – 1.0A to 263A
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MN01-023-001-01C	Motor Starter Reference - Water DOL Starter - Power Diagram 0.2A - 100A
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MN01-023-003-02D	Motor Starter Reference - Water ATR Starter - Power Diagram 89.1A - 263A
MN01-023-003-03A	Motor Starter Reference - Water ATR Starter - Power Diagram 200.1A - 263A
MN01-023-004-01F	Motor Starter Reference - Water ATR Starter - Control Diagram 4.1A – 100A
MN01-023-004-02E	Motor Starter Reference - Water Atr Starter - Control Diagram 100.1a - 263a
MN01-023-005-01B	Motor Starter Reference - Water VSC – Power Diagram – 1.0A to 263A
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MN01-023-006-01A	Motor Starter Reference - Water VSC – Control Diagram – Part 1
MN01-023-006-02A	Motor Starter Reference - Water VSC – Control Diagram – Part 2
MN01-023-007-01E	Motor Starter Reference - Water Electronic Soft Starter - Power Diagram 4.1A - 200A
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MN01-023-008-01H	Motor Starter Reference - Water Electronic Soft Starter - Control Diagram
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MN01-024-001-01C	Motor Starter Reference - Bore DOL Starter - Power Diagram 0.2 - 100A
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MN01-024-002-02E	Motor Starter Reference – Bore DOL Starter – Control Diagram 45.1 - 100
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MN01-024-004-01G	Motor Starter Reference - Bore ATR Starter - Control Diagram 4.1A – 45A
MN01-024-004-02F	Motor Starter Reference - Bore Atr Starter - Control Diagram 45.1a - 263a
MN01-024-004-03E	Motor Starter Reference - Bore Atr Starter - Control Diagram 100.1A – 263A
MN01-024-004-04B	Motor Starter Reference - Bore Atr Starter - Control Diagram 100.1A – 263A
MN01-024-005-01B	Motor Starter Reference - Bore VSC – Power Diagram – 1.0A to 263A
MN01-024-005-02B	Motor Starter Reference - Bore VSC – Power Diagram – 1.0A to 263A
MN01-024-006-01A	Motor Starter Reference - Bore VSC – Control Diagram – Part 1
MN01-024-006-02A	Motor Starter Reference - Bore VSC – Control Diagram – Part 2
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MN01-024-007-01E	Motor Starter Reference - Bore Electronic Soft Starter - Power Diagram 4.1A - 263A
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MN01-024-008-01H	Motor Starter Reference - Bore Electronic Soft Starter - Control Diagram
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MN01-025-001-01J	Switchboard Reference Drawing Miscellaneous Control Interconnections
MN01-025-002-01A	Switchboard Reference Drawing Miscellaneous Control – PSI Network Map – 1 Switch
MN01-025-002-02A	Switchboard Reference Drawing Miscellaneous Control – PSI Network Map – 2 Switches
MN01-026-001-01B	Switchboard Reference Drawing Signs and Labels – Part 1
MN01-026-001-02C	Switchboard Reference Drawing Signs and Labels – Part 2
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MN01-031-001-01D	Electrical Primary Design - Drawing Example Wastewater 100A - Electrical Site Layout
MN01-031-002-01D	Electrical Primary Design - Drawing Example Wastewater 100A - Power Diagram
MN01-031-003-01C	Electrical Primary Design - Drawing Example Wastewater 100A - Earthing Diagram
MN01-031-004-01E	Electrical Primary Design - Drawing Example Wastewater 100A - Protection Grading Curves
MN01-032-001-01C	Electrical Primary Design - Drawing Example Wastewater 440A - Electrical Site Layout
MN01-032-002-01G	Electrical Primary Design - Drawing Example Wastewater 440A - Power Diagram
MN01-032-003-01D	Electrical Primary Design - Drawing Example Wastewater 440A - Earthing Diagram
MN01-032-004-01D	Electrical Primary Design - Drawing Example Wastewater 440A - Protection Grading Curves - Part 1

MN01-032-004-02C	Electrical Primary Design - Drawing Example Wastewater 440A - Protection Grading Curves - Part 2