

Object No.	Discipline	Object Title	Object File Name
0001	Civil	Standard Manhole - Type A	FMH-A_-DSD-CONC_B0-_.rfa FMH-A_-DSD-CONC_B0-_.dwg
0002	Civil	Standard Manhole - Type B	FMH-B_-DSD-CONC_B0-_.rfa FMH-B_-DSD-CONC_B0-_.dwg
0003	Civil	Standard Manhole - Type C	FMH-C_-DSD-CONC_C0-_.rfa FMH-C_-DSD-CONC_C0-_.dwg
0004	Civil	Standard Manhole - Type D	FMH-D_-DSD-CONC_C0-_.rfa FMH-D_-DSD-CONC_C0-_.dwg
0005	Civil	Standard Manhole - Type E	FMH-E_-DSD-CONC_E0-_.rfa FMH-E_-DSD-CONC_E0-_.dwg
0006	Civil	Standard Manhole - Type F	FMH-F_-DSD-CONC_E0-_.rfa FMH-F_-DSD-CONC_E0-_.dwg
0007	Civil	Standard Manhole - Type G (without desilting opening)	FMH-G_-DSD-CONC_E0-_.rfa FMH-G_-DSD-CONC_E0-_.dwg
0008	Civil	Standard Manhole - Type G/D (with desilting opening)	FMH-GD_-DSD-CONC_E0-_.rfa FMH-GD_-DSD-CONC_E0-_.dwg
0009	Civil	Standard Manhole - Type H (without desilting opening)	FMH-H_-DSD-CONC_D0-_.rfa FMH-H_-DSD-CONC_D0-_.dwg
0010	Civil	Standard Manhole - Type H/D (with desilting opening)	FMH-HD_-DSD-CONC_D0-_.rfa FMH-HD_-DSD-CONC_D0-_.dwg
0011	Civil	Standard Manhole - Type I (without desilting opening)	FMH-I_-DSD-CONC_D0-_.rfa FMH-I_-DSD-CONC_D0-_.dwg
0012	Civil	Standard Manhole - Type I/D (with desilting opening)	FMH-ID_-DSD-CONC_D0-_.rfa FMH-ID_-DSD-CONC_D0-_.dwg
0013	Civil	Standard Manhole - Type J (without desilting opening)	FMH-J_-DSD-CONC_D0-_.rfa FMH-J_-DSD-CONC_D0-_.dwg
0014	Civil	Standard Manhole - Type J/D (with desilting opening)	FMH-JD_-DSD-CONC_D0-_.rfa FMH-JD_-DSD-CONC_D0-_.dwg
0015	Civil	Standard Manhole - Type K (without desilting opening)	FMH-K_-DSD-CONC_D0-_.rfa FMH-K_-DSD-CONC_D0-_.dwg
0016	Civil	Standard Manhole - Type K/D (with desilting opening)	FMH-KD_-DSD-CONC_D0-_.rfa FMH-KD_-DSD-CONC_D0-_.dwg
0017	Civil	Standard Manhole - Type L (with desilting opening)	FMH-LD_-DSD-CONC_D0-_.rfa FMH-LD_-DSD-CONC_D0-_.dwg
0018	Civil	Backdrop Manhole - Type 1	FSH-T1_-DSD-CONC_C0-_.rfa FSH-T1_-DSD-CONC_C0-_.dwg
0019	Civil	Backdrop Manhole - Type 2	FSH-T2_-DSD-CONC_C0-_.rfa FSH-T2_-DSD-CONC_C0-_.dwg
0020	Civil	Backdrop Manhole - Type 3	FSH-T3_-DSD-CONC_D0-_.rfa FSH-T3_-DSD-CONC_D0-_.dwg
0021	Civil	Precast Concrete Manhole - Type A	FMH-PCA-DSD-CONC_D0-_.rfa FMH-PCA-DSD-CONC_D0-_.dwg
0022	Civil	Precast Concrete Manhole - Type B	FMH-PCB-DSD-CONC_C0-_.rfa FMH-PCB-DSD-CONC_C0-_.dwg
0023	Civil	Sand Trap	SPH-SD_-DSD-CONC_B0-_.rfa SPH-SD_-DSD-CONC_B0-_.dwg
0024	Civil	Standard double triangular manhole cover & frame	SMC-DT_-DSD-CI_B0-_.rfa
0025	Civil	Standard desilting manhole cover & frame	SMC-DES-DSD-CI_B0-_.rfa
0026	Civil	Double seal terminal sewer M.H. cover - Type MA 2-29/29A	FMC-MA2-DSD-CI_29AB0-_.rfa

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0027	Civil	Double seal terminal sewer M.H. cover - Type MA 2-45/45A	FMC-MA2-DSD-CI_45AB0-__.rfa
0028	Civil	Double seal terminal sewer M.H. cover - Type MC 2-29/29A	FMC-MC2-DSD-CI_29AB0-__.rfa
0029	Civil	Double seal terminal sewer M.H. cover - Type MC 2-45/45A	FMC-MC2-DSD-CI_45AB0-__.rfa
0030	Civil	Double seal terminal Stormwater M.H. cover - Type MA 2-29/29B	SMC-MA2-DSD-CI_29BB0-__.rfa
0031	Civil	Double seal terminal Stormwater M.H. cover - Type MA 2-45/45B	SMC-MA2-DSD-CI_45BB0-__.rfa
0032	Civil	Double seal terminal Stormwater M.H. cover - Type MC 2-29/29B	SMC-MC2-DSD-CI_29BB0-__.rfa
0033	Civil	Double seal terminal Stormwater M.H. cover - Type MC 2-45/45B	SMC-MC2-DSD-CI_45BB0-__.rfa
0034	Civil	Manhole step iron	TTH-SPI-DSD-CI_B0-__.rfa
0035	Civil	Access ladder for manholes	ALA-MH_-DSD-SS_B0-__.rfa
0036	Civil	Grated cover and frame	SGC-__-DSD-CI_B0-__.rfa
0037	Civil	Drainage Services Department Logo	TTH-LOG-DSD-SS_B0-__.rfa
0038	Civil	Double seal terminal sewer M.H. cover - Type MC2 - 40/18A	FMC-MC2-DSD-CI_4018AB0-__.rfa
0039	Civil	Publicity board support	TTH-SPB-DSD-SS_C0-__.rfa
0040	Civil	Major project signboard	TTH-SGB-DSD-SSnPLY_MAJB0-__.rfa
0041	Civil	Minor project signboard	TTH-SGB-DSD-SSnPLY_MINB0-__.rfa
0042	Civil	Site Hoarding	TTH-HRD-DSD-GMS_B0-__.rfa
0043	Civil	Standard Recessed Desilting Manhole Cover and Frame for 750mm x 900mm opening	SMC-RD_-DSD-SS_7590B0-__.rfa
0044	Civil	Flood Warning Sign	TTH-SG_-DSD-GS_FWA0-__.rfa
0045	Civil	Standard 675 square double triangular ductile iron manhole cover & frame, Clase E600	FMC-DT_-DSD-DI_675SQA0-__.rfa
0046	Civil	Standard Manhole - Type C1	FMH-C1_-DSD-CONC_00-__.rfa FMH-C1_-DSD-CONC_00-__.dwg
0047	Civil	Standard Manhole - Type D1	FMH-D1_-DSD-CONC_00-__.rfa FMH-D1_-DSD-CONC_00-__.dwg
0048	Civil	Standard Manhole - Type E1	FMH-E1_-DSD-CONC_B0-__.rfa FMH-E1_-DSD-CONC_B0-__.dwg
0049	Civil	Standard Manhole - Type F1	FMH-F1_-DSD-CONC_B0-__.rfa FMH-F1_-DSD-CONC_B0-__.dwg
0050	Civil	Standard Manhole - Type G1 (without desilting opening)	FMH-G1_-DSD-CONC_B0-__.rfa FMH-G1_-DSD-CONC_B0-__.dwg
0051	Civil	Standard Manhole - Type G1/D (with desilting opening)	FMH-G1D-DSD-CONC_B0-__.rfa FMH-G1D-DSD-CONC_B0-__.dwg
0052	Civil	Standard 675 Square Recessed Single Seal Manhole Cover and Frame	FMC-RSS-DSD-SS_675SQB0-__.rfa

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0053	Civil	Standard 675 Square Recessed Double Seal Manhole Cover and Frame	FMC-RDS-DSD-SS_675SQB0-__.rfa
0054	Civil	No Entry Sign	TTH-SG_-DSD-GS_NE00-__.rfa
0055	Civil	Standard 675 square one-piece ductile iron double seal terminal manhole cover & frame, (Class B125)	FMC-SLH-DSD-DI_B125B0-__.rfa
0056	Civil	Standard 675 Square One - Piece Ductile Iron Double Seal Terminal Manhole Cover & Frame, (Class C250)	FMC-SLH-DSD-DI_C250B0-__.rfa
0057	Civil	Terminal manhole - Type T1_1	SLH-T1_-DSD-CONC_00-__.rfa SLH-T1_-DSD-CONC_00-__.dwg
0058	Civil	Terminal manhole - Type T2_1	SLH-T2_-DSD-CONC_00-__.rfa SLH-T2_-DSD-CONC_00-__.dwg
0059	Civil	Terminal manhole - Type T3_1	SLH-T3_-DSD-CONC_00-__.rfa SLH-T3_-DSD-CONC_00-__.dwg
0060	Civil	Terminal manhole - Type T4_1	SLH-T4_-DSD-CONC_00-__.rfa SLH-T4_-DSD-CONC_00-__.dwg
0061	Civil	Terminal manhole - Type T10_1	SLH-T10-DSD-CONC_00-__.rfa SLH-T10-DSD-CONC_00-__.dwg
0062	Civil	Construction Industry Logo	TTH-LOG-DSD-SS_CIC00-__.rfa
0201	Architectural	Cat Ladder - Type A and B	ALA-CAT-DSD-SS_AB-__.rfa
0202	Architectural	Cat Ladder - Type C and D	ALA-CAT-DSD-FRP_CD-__.rfa
0203	Architectural	Cat ladder - Type E	ALA-CAT-DSD-SS_E-__.rfa
0204	Architectural	Cat ladder - Type F	ALA-CAT-DSD-SS_F-__.rfa
0205	Architectural	Aluminium chequer plate cover	ACP-_-DSD-AL-__.rfa
0206	Architectural	FRP Handrailing	ABA-HRD-DSD-FRP-__.rvt
0207	Architectural	Safety chain	ABA-HSC-DSD-SS-__.rfa
0208	Architectural	Aluminium Handrailing	ABA-HRD-DSD-AL-__.rvt
0209	Architectural	Type 2A Railing	ABA-H2A-DSD-AL-__.rvt
0210	Architectural	Boundary fence	ABA-FPB-DSD-SS-__.rvt
0211	Architectural	Vehicular gate on boundary fence	AGT-VEH-DSD-GMS-__.rfa
0212	Architectural	Pedestrian gate	AGT-PED-DSD-GMS-__.rfa
0213	Architectural	Access gate	AGT-ACC-DSD-GMS-__.rfa
0214	Architectural	Chain link fence gates 1	AGT-CLF-DSD-GMS_TYP1-__.rfa
0215	Architectural	Chain link fence	ABA-FCL-DSD-GMS-__.rvt
0216	Architectural	Chain link fence gates 2	AGT-CLF-DSD-GMS_TYP2-__.rfa

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0217	Architectural	Chain link fence gates 3	AGT-CLF-DSD-GMS_TYP3-__.rfa
0218	Architectural	Hot dip galvanized mild steel fence	ABA-FHD-DSD-GMS-__.rvt
0219	Architectural	Entrance Gate	AGT-SSE-DSD-SS-__.rfa
0220	Architectural	Flood protection gate for access ramp	AGT-FPA-DSD-CONC-__.rfa
0221	Architectural	Acoustic Louvre	AWD-LOU-DSD-SS_AC-__.rfa
0222	Architectural	Louvre Type 1	AWD-LOU-DSD-SS_Type1-__.rfa
0223	Architectural	Louvre Type 2	AWD-LOU-DSD-SS_Type2-__.rfa
0224	Architectural	Brass Domical Grating with Rainwater Downpipe	ADP-T1_-DSD-PVC_GRT-__.rfa
0225	Architectural	Security Grille	ABA-SG_-DSD-GMS-__.rfa
0226	Architectural	Single Leaf Door - Type 1	ADO-SF1-DSD-SS_Type1-__.rfa
0227	Architectural	Double Leaf Door - Type 1	ADO-DF1-DSD-SS_Type1-__.rfa
0228	Architectural	Folding Door - Type 1	ADO-FD1-DSD-SS_Type1-__.rfa
0229	Architectural	Roller Shutter - Type1	ADO-RS1-DSD-SS_Type1-__.rfa
0601	Structural	HAD flood warning board	TTH-SG_-DSD-AL_FWHAD-__.rfa
0602	Structural	Flower Pot	TTH-FLP-DSD-CONC-__.rfa
0603	Structural	Geotechnical Instrumentation	TTH-INS-DSD-MS-__.rfa
0604	Structural	Hoarding - Type A and B	TTH-HRD-DSD-ALnSS_AB-__.rfa
0605	Structural	Lockable Gate with Notice Board and No Entry Sign at Handrailing	TTH-LOC-DSD-IRON_NES-__.rfa
0606	Structural	Water Meter Box - Type A	TTH-WMB-DSD-CONC-__.rfa
0607	Structural	Water Meter Box - Type B	TTH-WMB-DSD-SS-__.rfa
0608	Structural	C.I. Cover and Frame	TTH-COV-DSD-CI-__.rfa
0901	Stormwater	Catchpit Type A with Cover	SCH-A_-DSD-CONC-__.rfa SCH-A_-DSD-CONC-__.dwg
0902	Stormwater	Flow Meter Chamber	SBH-FLM-DSD-CONC-__.rfa
0903	Stormwater	Stepped channel	SSP-_-DSD-CONC-__.rfa
0904	Stormwater	U-Channel Type A	SUP-A_-DSD-CONC-__.rfa
0905	Stormwater	Dry Weather Flow Interceptor with Tidal Weir	SDH-TW_-DSD-CONC-__.rfa

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0906	Stormwater	Dry Weather Flow Interceptor without Tidal Weir	SDH-OTW-DSD-CONC-__.rfa
0907	Stormwater	Weir	SWE-__-DSD-SS-__.rfa
0908	Stormwater	Basket screen	SBC-__-DSD-SS-__.rfa
0909	Stormwater	Box Culvert Single-Cell	SBP-SIN-DSD-CONC-__.rfa SBP-SIN-DSD-CONC_TypeA-__.pkt
0910	Stormwater	Box Culvert Twin-Cell	SBP-TWN-DSD-CONC-__.rfa SBP-TWN-DSD-CONC_TypeA-__.pkt
0911	Stormwater	Catchpit - Type B and C	SCH-BC_-DSD-CONC-__.rfa
0912	Stormwater	Precast Concrete Cover for U-channel	SUP-PC_-DSD-CONC-__.rfa
0913	Stormwater	Box Culvert Single - Type B	SBP-SIN-DSD-CONC_TypeB-__.rvt
0914	Stormwater	Box Culvert Twin - Type B	SBP-TWN-DSD-CONC_TypeB-__.rvt
0915	Stormwater	Valve Chamber	SBH-VC_-DSD-CONC-__.rfa
0916	Stormwater	Precast Concrete Pipe - Type A with Concrete Surround A	SWD-GRA-DSD-CONC_A-__.rfa
0917	Stormwater	G.R.P. Lined Concrete Pipe - Type B with Concrete Surround B	SWD-GRA-DSD-CONC_B-__.rfa
0918	Stormwater	Box Culvert Transition	SBP-TRN-DSD-CONC-__.pkt
0919	Stormwater	Box Culvert Outfall	SBP-OUT-DSD-CONC-__.dwg
0920	Stormwater	Decked Nullah	SNP-DEK-DSD-CONC-__.pkt
0921	Stormwater	Trapezoidal Channel	SNP-TRA-DSD-CONC-__.pkt
0922	Stormwater	Retaining Wall - Type A	SRW-T1_-DSD-CONC_TypeA-__.pkt
0923	Stormwater	Retaining Wall - Type B	SRW-L1_-DSD-CONC_TypeB-__.pkt
1201	Sewerage	Aeration Tank	FTF-ANT-DSD-CONC-__.rfa
1202	Sewerage	Effluent Collection Chamber	FCH-EFC-DSD-CONC-__.rfa
1203	Sewerage	Final Clarifier, Circular	FTF-FIC-DSD-CONC_CIR-__.rfa
1204	Sewerage	Primary Sedimentation Tank, Rectangular	FTF-PST-DSD-CONC_RECT-__.rfa
1205	Sewerage	Primary Sedimentation Tank, Circular	FTF-PST-DSD-CONC_CIR-__.rfa
1206	Sewerage	Grit Trap	FTF-GTF-DSD-CONC-__.rfa
1207	Sewerage	Sludge Digestion Tank	FTF-SDR-DSD-CONC_CIR-__.rfa
1208	Sewerage	Sludge Distribution Chamber	FCH-SDC-DSD-CONC-__.rfa

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1209	Sewerage	Sludge Draw-off Chamber	FTF-SDO-DSD-CONC-__.rfa
1210	Sewerage	Pipe Fitting - Double Flange 11.25° Elbow	FRM-ELB-DSD-DI_SF_11_25D-__.rfa
1211	Sewerage	Pipe Fitting - Double Flange 22.5° Elbow	FRM-ELB-DSD-DI_SF_22_5D-__.rfa
1212	Sewerage	Pipe Fitting - Double Flange 45° Elbow	FRM-ELB-DSD-DI_SF_45D-__.rfa
1213	Sewerage	Pipe Fitting - Double Flange 90° Elbow	FRM-ELB-DSD-DI_SF_90D-__.rfa
1214	Sewerage	Pipe Fitting - Double Flange Tee	FRM-TEE-DSD-DI_SF-__.rfa
1215	Sewerage	Pipe Fitting - Double Flange Reducer	FRM-RED-DSD-DI_SF_Con-__.rfa
1216	Sewerage	Pipe Fitting - Double Flange Cross	FRM-CRO-DSD-DI_SF-__.rfa
1217	Sewerage	Pipe Fitting - Socket Fitting 11.25° Elbow	FRM-ELB-DSD-DI_SS_11_25D-__.rfa
1218	Sewerage	Pipe Fitting - Socket Fitting 22.5° Elbow	FRM-ELB-DSD-DI_SS_22_5D-__.rfa
1219	Sewerage	Pipe Fitting - Socket Fitting 45° Elbow	FRM-ELB-DSD-DI_SS_45D-__.rfa
1220	Sewerage	Pipe Fitting - Socket Fitting 90° Elbow	FRM-ELB-DSD-DI_SS_90D-__.rfa
1221	Sewerage	Pipe Fitting - Socket Fitting Tee	FRM-TEE-DSD-DI_SS-__.rfa
1222	Sewerage	Pipe Fitting - Socket Fitting Reducer	FRM-RED-DSD-DI_SS_Con-__.rfa
1223	Sewerage	Pipe Fitting - Socket Fitting Cross	FRM-CRO-DSD-DI_SS-__.rfa
1224	Sewerage	Pipe Fitting - Flange End Cap	FRM-FLA-DSD-DI_ECAP-__.rfa
1225	Sewerage	Flange Pipe	FRM-__-DSD-DI_Flanged-__.rfa
1226	Sewerage	Flange Pipe with Concrete Surround A	FRM-__-DSD-DI_Flanged_A-__.rfa
1227	Sewerage	Flange Pipe with Concrete Surround B	FRM-__-DSD-DI_Flanged_B-__.rfa
2001	Mechanical	Adjustable Telescopic Valve	MVA-ADT-DSD-CI-__.rfa
2002	Mechanical	Air Release Valve	MVA-AIR-DSD-SS-__.rfa
2003	Mechanical	Ball Valve	MVA-BAL-DSD-CI-__.rfa
2004	Mechanical	Butterfly Valve - DN80 to DN300	MVA-BUT-DSD-DI_DN80to300-__.rfa
2005	Mechanical	Butterfly Valve - DN350 to DN3000	MVA-BUT-DSD-DI_DN350to3000-__.rfa
2006	Mechanical	Check Valve - DN40 to DN600	MVA-CHK-DSD-CI_DN40to600-__.rfa
2007	Mechanical	Check Valve - DN100 to DN1800	MVA-CHK-DSD-CI_DN100to1800-__.rfa

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2008	Mechanical	Eccentric Plug Valve - DN65 to DN300	MVA-ECP-DSD-DI_DN65to300-__.rfa
2009	Mechanical	Eccentric Plug Valve - DN350 to DN1800	MVA-ECP-DSD-DI_DN350to1800-__.rfa
2010	Mechanical	Flap Valve - Round	MVA-FLP-DSD-SS_Round-__.rfa
2011	Mechanical	Flap Valve - Square	MVA-FLP-DSD-SS_Square-__.rfa
2012	Mechanical	Gate Valve - DN50 to DN600	MVA-GAT-DSD-CI_DN50to600-__.rfa
2013	Mechanical	Gate Valve - DN500 to DN2000	MVA-GAT-DSD-CI_DN500to2000-__.rfa
2014	Mechanical	Knife Gate Valve	MVA-KNG-DSD-CI-__.rfa
2015	Mechanical	Motorized Gate Valve - DN50 to DN600	MVA-MOT-DSD-CI_DN50to600-__.rfa
2016	Mechanical	Motorized Gate Valve - DN500 to DN2000	MVA-MOT-DSD-CI_DN500to2000-__.rfa
2017	Mechanical	Pressure Regulating Valve	MVA-PRR-DSD-DI-__.rfa
2018	Mechanical	Pressure Relief Valve	MVA-PRE-DSD-ST-__.rfa
2019	Mechanical	Hand-Operated Penstock	MPE-HOD-DSD-CI-__.rfa
2020	Mechanical	Motorized Penstock	MPE-MOT-DSD-CI-__.rfa
2021	Mechanical	Weir Penstock	MPE-WEI-DSD-CI-__.rfa
2022	Mechanical	Stoplog	MSL-__-DSD-CI-__.rfa
2023	Mechanical	Chain Hoist	MLA-CHT-DSD-SS-__.rfa
2024	Mechanical	Davit	MLA-DAV-DSD-GS-__.rfa
2025	Mechanical	Electric Chain Hoist	MLA-ECH-DSD-SS-__.rfa
2026	Mechanical	Crane	MLA-OTC-DSD-ST-__.rfa
2027	Mechanical	Gantry	MLA-GAN-DSD-GS-__.rfa
2028	Mechanical	Universal I-Beam	MUI-__-DSD-GS-__.rfa
2029	Mechanical	Centrifugal Pump - Vertical	MPU-CEN-DSD-CI_Vertical-__.rfa
2030	Mechanical	Centrifugal Pump - Horizontal	MPU-CEN-DSD-CI_Horizontal-__.rfa
2031	Mechanical	Lobe Pump	MPU-LOB-DSD-CI-__.rfa
2032	Mechanical	Progressive Cavity Pump	MPU-PRC-DSD-CI-__.rfa
2033	Mechanical	Ram Pump	MPU-RAM-DSD-CI-__.rfa

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2034	Mechanical	Screw Pump	MPU-SCR-DSD-CI-__.rfa
2035	Mechanical	Sewage Pump - Wet Well Installation - DN80	MPU-SEW-DSD-CI_WetDN80-__.rfa
2036	Mechanical	Sewage Pump - Wet Well Installation - DN100	MPU-SEW-DSD-CI_WetDN100-__.rfa
2037	Mechanical	Sewage Pump - Wet Well Installation - DN200	MPU-SEW-DSD-CI_WetDN200-__.rfa
2038	Mechanical	Sewage Pump - Wet Well Installation - DN300	MPU-SEW-DSD-CI_WetDN300-__.rfa
2039	Mechanical	Sewage Pump - Wet Well Installation - DN400	MPU-SEW-DSD-CI_WetDN400-__.rfa
2040	Mechanical	Sewage Pump - Dry Well Installation - DN80	MPU-SEW-DSD-CI_DryDN80-__.rfa
2041	Mechanical	Sewage Pump - Dry Well Installation - DN100	MPU-SEW-DSD-CI_DryDN100-__.rfa
2042	Mechanical	Sewage Pump - Dry Well Installation - DN200	MPU-SEW-DSD-CI_DryDN200-__.rfa
2043	Mechanical	Sewage Pump - Dry Well Installation - DN300	MPU-SEW-DSD-CI_DryDN300-__.rfa
2044	Mechanical	Sewage Pump - Dry Well Installation - DN400	MPU-SEW-DSD-CI_DryDN400-__.rfa
2045	Mechanical	Bridge-mounted Vertical Mixer	MMI-BMV-DSD-ST-__.rfa
2046	Mechanical	Submersible Mixer	MMI-SUB-DSD-SS_Floor-__.rfa
2047	Mechanical	Mechanised Bar Screen	MSC-MEB-DSD-SS-__.rfa
2048	Mechanical	Rotary Drum Screen	MSC-ROD-DSD-SS-__.rfa
2049	Mechanical	Belt Conveyor	MCO-BEL-DSD-SS-__.rfa
2050	Mechanical	Shafted Conveyor	MCO-SHF-DSD-SS-__.rfa
2051	Mechanical	Shaftless Conveyor	MCO-SHL-DSD-SS-__.rfa
2052	Mechanical	Air Blower	MAB-__-DSD-ST-__.rfa
2053	Mechanical	Air Compressor	MAC-__-DSD-ST-__.rfa
2054	Mechanical	Air Receiver	MAR-__-DSD-GS-__.rfa
2055	Mechanical	Flange Adaptor	MPA-FLA-DSD-DI-__.rfa
2056	Mechanical	Puddle Flange	MPA-PUF-DSD-DI-__.rfa
2057	Mechanical	Strainer	MPA-STR-DSD-CI-__.rfa
2058	Mechanical	Cross	MPF-CRO-DSD-DI-__.rfa
2059	Mechanical	Elbow - Long	MPF-ELB-DSD-DI_Long-__.rfa

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2060	Mechanical	Elbow - Short	MPF-ELB-DSD-DI_Short-__.rfa
2061	Mechanical	Flange	MPF-FLA-DSD-DI-__.rfa
2062	Mechanical	Reducer	MPF-RED-DSD-DI_Concentric-__.rfa
2063	Mechanical	Tee	MPF-TEE-DSD-DI-__.rfa
2064	Mechanical	Biogas Burner	MBB-__-DSD-SS-__.rfa
2065	Mechanical	Flame Arrester Unit - Vertical	MFA-__-DSD-SS_Vertical-__.rfa
2066	Mechanical	Flame Arrester Unit - Horizontal	MFA-__-DSD-SS_Horizontal-__.rfa
2067	Mechanical	Scraper	MSR-__-DSD-SS-__.rfa
2068	Mechanical	Scrubber	MSU-__-DSD-FRP-__.rfa
2069	Mechanical	Scum Collector	MSO-__-DSD-SS-__.rfa
2070	Mechanical	Skip	MSK-__-DSD-ST-__.rfa
2071	Mechanical	Sludge Grinder	MSG-__-DSD-ST-__.rfa
2072	Mechanical	Stirrer	MST-__-DSD-SS-__.rfa
2073	Mechanical	Dehumidifier	MDH-__-DSD-SS-__.rfa
2074	Mechanical	Activated Carbon Filter	MDE-ATC-DSD-GRP_Round-__.rfa
2075	Mechanical	Biotrickling Filter	MDE-BIO-DSD-GRP-__.rfa
2076	Mechanical	Eliminator	MEL-__-DSD-SS-__.rfa
2077	Mechanical	Heat Exchanger	MHE-__-DSD-SS-__.rfa
2078	Mechanical	Fuel Oil Tank	MTA-FUO-DSD-MS_450L-__.rfa
2079	Mechanical	Mixing Tank	MTA-MIX-DSD-PL-__.rfa
2080	Mechanical	Storage Tank - Rectangular	MTA-STO-DSD-GRP_Rectangular-__.rfa
2081	Mechanical	Storage Tank - Square	MTA-STO-DSD-GRP_Square-__.rfa
2082	Mechanical	Storage Tank - Cylinder	MTA-STO-DSD-GRP_Cylinder-__.rfa
2083	Mechanical	Pressure Vessel	MPV-__-DSD-ST-__.rfa
2084	Mechanical	Centrifuge	MCT-__-DSD-SS-__.rfa
2085	Mechanical	Membrane Filter Press	MMF-__-DSD-ST-__.rfa

Object No.	Discipline	Object Title	Object File Name
2086	Mechanical	Boiler	MBO-___-DSD-ST-___rfa
2087	Mechanical	Heater	MHA-___-DSD-SS-___rfa
2301	Electrical	LV Transformer	ETR-LV_-DSD-CU-___rfa
2302	Electrical	LV Transformer - Enclosed	ETR-LV_-DSD-CU_Enclosed-___rfa
2303	Electrical	HV Transformer	ETR-HV_-DSD-CU-___rfa
2304	Electrical	LV Switchboard	ESB-LV_-DSD-MS-___rfa
2305	Electrical	HV Switchboard	ESB-HV_-DSD-MS-___rfa
2306	Electrical	TPN MCCB Board	EDB-MCC-DSD-GS-___rfa
2307	Electrical	TPN MCB Board	EDB-TMC-DSD-GS-___rfa
2308	Electrical	SPN MCB Board	EDB-SMC-DSD-GS-___rfa
2309	Electrical	Variable Speed Drive - Wall Mount Type A	EVS-___-DSD-SS_WallA-___rfa
2310	Electrical	Variable Speed Drive - Wall Mount Type B	EVS-___-DSD-SS_WallB-___rfa
2311	Electrical	Variable Speed Drive - Floor Mount	EVS-___-DSD-SS_Floor-___rfa
2312	Electrical	Uninterrupted Power Supply - 1 to 10kVA	EUP-___-DSD-AL_1to10kVA-___rfa
2313	Electrical	Uninterrupted Power Supply - 20 to 80kVA	EUP-___-DSD-AL_20to80kVA-___rfa
2314	Electrical	Battery & Charger - Wall Mount	EBC-___-DSD-ME_Wall-___rfa
2315	Electrical	Battery & Charger - Floor Mount	EBC-___-DSD-ME_Floor-___rfa
2316	Electrical	Battery	EBT-___-DSD-ME-___rfa
2317	Electrical	Power Factor Correction Capacitors and Controller - Wall Mount	EPC-___-DSD-ME_Wall-___rfa
2318	Electrical	Power Factor Correction Capacitors and Controller - Floor Mount	EPC-___-DSD-ME_Floor-___rfa
2319	Electrical	Diesel Generator Set	EGE-DIE-DSD-ME-___rfa
2320	Electrical	Combined Heat and Power Generator	EGE-CHP-DSD-ME-___rfa
2321	Electrical	Auto Voltage Regulator - Single Phase	EAV-SIN-DSD-ME-___rfa
2322	Electrical	Auto Voltage Regulator - Three Phase	EAV-3PH-DSD-ME-___rfa
2323	Electrical	Control Panel	ECP-___-DSD-SS-___rfa
2324	Electrical	Ring Main Unit	ERM-___-DSD-SS-___rfa

Object No.	Discipline	Object Title	Object File Name
2325	Electrical	Harmonic Filter - Wall Mount Type A	EHF-___-DSD-ME_WallA-_.rfa
2326	Electrical	Harmonic Filter - Wall Mount Type B	EHF-___-DSD-ME_WallB-_.rfa
2327	Electrical	Harmonic Filter - Floor Mount	EHF-___-DSD-ME_Floor-_.rfa
2328	Electrical	Photovoltaic Panel	EPP-___-DSD-MCL-_.rfa
2329	Electrical	Double Pole Switch	ESW-DOP-DSD-ABS-_.rfa
2330	Electrical	Lighting Switch	ESW-LTG-DSD-ABS-_.rfa
2331	Electrical	Lighting Switch - Weatherproof	ESW-LTG-DSD-ABS_WP-_.rfa
2332	Electrical	13A 3 Pin Switched Socket Outlet	ESO-SIN-DSD-ABS-_.rfa
2333	Electrical	13A 3 Pin Switched Socket Outlet - Weatherproof	ESO-SIN-DSD-ABS_WP-_.rfa
2334	Electrical	16A 3 Phase 5 Pin Switched Socket Outlet	ESO-3PH-DSD-ABS-_.rfa
2335	Electrical	Single Phase Isolator	EIS-SIN-DSD-PL-_.rfa
2336	Electrical	Three Phase Isolator	EIS-3PH-DSD-SHS-_.rfa
2337	Electrical	Fuse Connection Unit	EFC-___-DSD-ABS-_.rfa
2338	Electrical	Earthing Electrode	EEE-___-DSD-CU-_.rfa
2339	Electrical	Earthing Conductor	EEC-___-DSD-TCU-_.rfa
2340	Electrical	Earthing Terminal	EER-___-DSD-TCU-_.rfa
2341	Electrical	Earth Pit	EEP-___-DSD-CONC-_.rfa
2342	Electrical	Lightning Terminal	ELT-___-DSD-SS-_.rfa
2343	Electrical	Copper Tape	ECT-___-DSD-TCU-_.rfa
2344	Electrical	Down Conductor	EDC-___-DSD-TCU-_.rfa
2345	Electrical	Lightning Stroke Counter	ELS-___-DSD-ME-_.rfa
2346	Electrical	Lightning Pit	ELP-___-DSD-CONC-_.rfa
2347	Electrical	Actuator - Small	EAC-___-DSD-CAL_Small-_.rfa
2348	Electrical	Actuator - Large	EAC-___-DSD-CAL_Large-_.rfa
2349	Electrical	Cable Draw Pit	ECD-___-DSD-CONC-_.rfa
2601	Building Services	Bulkhead Light	BLF-BUL-DSD-AL-_.rfa

Object No.	Discipline	Object Title	Object File Name
2602	Building Services	Emergency Light	BLF-EME-DSD-ME-__.rfa
2603	Building Services	Floodlight	BLF-FLO-DSD-AL-__.rfa
2604	Building Services	Fluorescent Light	BLF-FLU-DSD-SHS-__.rfa
2605	Building Services	High Bay Light	BLF-HIB-DSD-AL-__.rfa
2606	Building Services	Perimeter Lighting	BLF-PER-DSD-AL-__.rfa
2607	Building Services	Cap - Rectangular	BDF-CAP-DSD-SS_Rectangular-__.rfa
2608	Building Services	Cap - Round	BDF-CAP-DSD-SS_Round-__.rfa
2609	Building Services	Cross - Rectangular	BDF-CRO-DSD-SS_Rectangular-__.rfa
2610	Building Services	Cross - Round	BDF-CRO-DSD-SS_Round-__.rfa
2611	Building Services	Elbow - Rectangular Radial	BDF-ELB-DSD-SS_RecRad-__.rfa
2612	Building Services	Elbow - Round	BDF-ELB-DSD-SS_Round-__.rfa
2613	Building Services	Reducer - Rectangular	BDF-RED-DSD-SS_Rectangular-__.rfa
2614	Building Services	Reducer - Round	BDF-RED-DSD-SS_Round-__.rfa
2615	Building Services	Rectangular to Round Reducer	BDF-RTR-DSD-SS-__.rfa
2616	Building Services	Tee - Rectangular Square	BDF-TEE-DSD-SS_RecSq-__.rfa
2617	Building Services	Tee - Round	BDF-TEE-DSD-SS_Round-__.rfa
2618	Building Services	Balancing Damper - Rectangular	BDA-BAL-DSD-SS_Rectangular-__.rfa
2619	Building Services	Balancing Damper - Round	BDA-BAL-DSD-SS_Round-__.rfa
2620	Building Services	Fire Damper - Rectangular	BDA-FIR-DSD-GS_Rectangular-__.rfa
2621	Building Services	Smoke Damper - Rectangular	BDA-SMO-DSD-GS_Rectangular-__.rfa
2622	Building Services	Volume Control Damper - Rectangular	BDA-VOC-DSD-SS_Rectangular-__.rfa
2623	Building Services	Exhaust Grille	BGR-EXH-DSD-AL-__.rfa
2624	Building Services	Return Air Grille	BGR-REA-DSD-AL-__.rfa
2625	Building Services	Supply Air Grille	BGR-SUA-DSD-AL-__.rfa
2626	Building Services	Exhaust Diffuser	BDI-EXH-DSD-AL-__.rfa
2627	Building Services	Return Air Diffuser	BDI-REA-DSD-AL-__.rfa

Object No.	Discipline	Object Title	Object File Name
2628	Building Services	Supply Air Diffuser	BDI-SUA-DSD-AL-__.rfa
2629	Building Services	Silencer	BSI-__-DSD-ST-__.rfa
2630	Building Services	Filter	BFI-__-DSD-SS-__.rfa
2631	Building Services	Fan Coil Unit	BFC-__-DSD-ST-__.rfa
2632	Building Services	Axial Fan	BFA-AXI-DSD-ST-__.rfa
2633	Building Services	Centrifugal Fan	BFA-CEN-DSD-SS-__.rfa
2634	Building Services	Roof Extract Fan	BFA-ROE-DSD-ST-__.rfa
2635	Building Services	Split Type Air Conditioner - Outdoor Unit	BAC-SPT-DSD-ME_Outdoor-__.rfa
2636	Building Services	Split Type Air Conditioner - Wall Mount Indoor Unit	BAC-SPT-DSD-ME_IndoorW-__.rfa
2637	Building Services	Split Type Air Conditioner - Ceiling Mount Indoor Unit	BAC-SPT-DSD-ME_IndoorC-__.rfa
2638	Building Services	CO2 Fire Extinguisher	BFE-CO2-DSD-AL-__.rfa
2639	Building Services	H2O Fire Extinguisher	BFE-H2O-DSD-AL-__.rfa
2640	Building Services	Alarm Bell - Gong	BFS-BEL-DSD-ME_Gong-__.rfa
2641	Building Services	Alarm Bell - Flashlight	BFS-BEL-DSD-ME_Flash-__.rfa
2642	Building Services	Indication Lamp	BFS-LAM-DSD-PL-__.rfa
2643	Building Services	Breakglass Unit	BFB-__-DSD-ME-__.rfa
2644	Building Services	Directional Exit Sign - Ceiling Mount	BFX-DIR-DSD-ME_Ceiling-__.rfa
2645	Building Services	Exit Sign - Wall Mount	BFX-EXT-DSD-ME_Wall-__.rfa
2646	Building Services	Main Fire Alarm and Indication Panel	BFP-MAI-DSD-MS-__.rfa
2647	Building Services	Weatherproof Local Fire Alarm and Indication Panel	BFP-WPL-DSD-MS-__.rfa
2648	Building Services	Flame Detector	BFD-FLA-DSD-PL-__.rfa
2649	Building Services	Heat Detector	BFD-HEA-DSD-ABS-__.rfa
2650	Building Services	Infra Red Detector	BFD-INR-DSD-SS-__.rfa
2651	Building Services	Linear Heat Detector	BFD-LIH-DSD-PL-__.rfa
2652	Building Services	Smoke Detector	BFD-SMO-DSD-ABS-__.rfa
2653	Building Services	Fire Hydrant	BFH-__-DSD-ME-__.rfa

Object No.	Discipline	Object Title	Object File Name
2654	Building Services	Hose Reel	BHR-___-DSD-PL-___rfa
2655	Building Services	Burglar Infra Red Sensor	BSE-INR-DSD-PL-___rfa
2656	Building Services	Burglar Electromagnetic Sensor	BSE-ELM-DSD-ME-___rfa
2657	Building Services	Burglar Alarm Bell	BAB-___-DSD-PL-___rfa
2658	Building Services	Burglar Flashing Light	BFL-___-DSD-PL-___rfa
2659	Building Services	Burglar Alarm Panel	BAP-___-DSD-ME-___rfa
2660	Building Services	Electromagnetic Door Lock	BDL-ELM-DSD-SS-___rfa
2661	Building Services	Card Reader	BCR-___-DSD-PL-___rfa
2662	Building Services	Override Keyswitch	BOK-___-DSD-ME-___rfa
2663	Building Services	Dome Type Camera - Ceiling Mount	BCA-DOM-DSD-AL_Ceiling-___rfa
2664	Building Services	Dome Type Camera - Wall Mount	BCA-DOM-DSD-AL_Wall-___rfa
2665	Building Services	Gun Type Camera	BCA-GUN-DSD-AL-___rfa
2666	Building Services	Digital Video Recoder	BDV-___-DSD-ME-___rfa
2667	Building Services	Pan,Tilt and Zoom Controller	BPT-___-DSD-PL-___rfa
2668	Building Services	Intercom	BIN-___-DSD-ME-___rfa
2669	Building Services	PA System Master Control Station	BPA-___-DSD-ME-___rfa
2670	Building Services	Speaker - Wall Mount	BSP-___-DSD-ME_Wall-___rfa
2671	Building Services	Speaker - Ceiling Mount	BSP-___-DSD-PL_Ceiling-___rfa
2672	Building Services	Telephone Connection Point	BTP-___-DSD-ABS-___rfa
2901	Control and Instrumentation	Workstation	CWS-___-DSD-ME-___rfa
2902	Control and Instrumentation	Programmable Logic Controller	CPL-___-DSD-PL-___rfa
2903	Control and Instrumentation	Ammonia Analyzer	CAN-AMM-DSD-ME-___rfa
2904	Control and Instrumentation	Chloride Analyzer	CAN-CHL-DSD-ME-___rfa
2905	Control and Instrumentation	Moisture Analyzer	CAN-MOI-DSD-ME-___rfa
2906	Control and Instrumentation	Nitrate Analyzer	CAN-NIT-DSD-ME-___rfa
2907	Control and Instrumentation	Hydrostatic Level Sensor	CSE-HYL-DSD-SS-___rfa

Object No.	Discipline	Object Title	Object File Name
2908	Control and Instrumentation	Level Electrode	CSE-LEE-DSD-ME-__.rfa
2909	Control and Instrumentation	Float Switch	CSE-FLS-DSD-PL-__.rfa
2910	Control and Instrumentation	Ultrasonic Level Sensor	CSE-ULL-DSD-AL-__.rfa
2911	Control and Instrumentation	Microwave Level Sensor	CSE-MIL-DSD-PL-__.rfa
2912	Control and Instrumentation	Suspended Solids Sensor	CSE-SUS-DSD-PL-__.rfa
2913	Control and Instrumentation	Dissolved Oxygen Sensor	CSE-DIO-DSD-SS-__.rfa
2914	Control and Instrumentation	Ammonium Nitrogen Sensor	CSE-AMN-DSD-PL-__.rfa
2915	Control and Instrumentation	Moisture Sensor	CSE-MOI-DSD-SS-__.rfa
2916	Control and Instrumentation	Nitrate Sensor	CSE-NIT-DSD-SS-__.rfa
2917	Control and Instrumentation	Hydrostatic Level Transmitter	CTR-HYL-DSD-CAL-__.rfa
2918	Control and Instrumentation	Ultrasonic Level Transmitter	CTR-ULL-DSD-CAL-__.rfa
2919	Control and Instrumentation	Suspended Solids Transmitter	CTR-SUS-DSD-CAL-__.rfa
2920	Control and Instrumentation	Dissolved Oxygen Transmitter	CTR-DIO-DSD-CAL-__.rfa
2921	Control and Instrumentation	Ammonium Nitrogen Transmitter	CTR-AMN-DSD-CAL-__.rfa
2922	Control and Instrumentation	Flowmeter Transmitter	CTR-FLO-DSD-CAL-__.rfa
2923	Control and Instrumentation	Level Transmitter	CTR-LEE-DSD-ME-__.rfa
2924	Control and Instrumentation	Methane Gas Detector	CDE-MET-DSD-SS-__.rfa
2925	Control and Instrumentation	Electromagnetic Flowmeter	CFL-ELM-DSD-CAL-__.rfa
2926	Control and Instrumentation	Orifice Plate Flowmeter	CFL-ORP-DSD-SS-__.rfa
2927	Control and Instrumentation	Gas Flowmeter	CFL-GAS-DSD-AL-__.rfa
2928	Control and Instrumentation	Annunciator	CAU-__-DSD-ME-__.rfa
2929	Control and Instrumentation	Gas Monitor	CMO-GAS-DSD-PL-__.rfa
2930	Control and Instrumentation	Automatic Sampler	CSA-ASA-DSD-SS-__.rfa