## The Government of the Hong Kong Special Administrative Region

**Environment, Transport & Works Bureau** 

# Catalogue of CSWP Symbols and Line-styles

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#### Part 1

### **CSWP Symbols**

#### $Class\ 050-General\ Symbols$

Class 050	Graphical Presentation	Description
Symbol Name 050ELE	ELEY_NO4	ORIENTATION OF ELEVATION
OSOLLL		ORIENTATION OF ELEVATION
	$\langle  imes  angle$ . Defined (	
	ETEA-W(2 / \ \ \ \ \ \ \ ETEA-W()	
	6LEY_N02	
050LM1		STRUCTURAL LEVEL - GENERAL
	∠t LEVEL	
	<del>(*)</del>	
050LM2	<del></del>	FINISHED LEVEL - GENERAL
USULIVIZ	🚣 LEVEL	FINISHED LEVEL - GENERAL
	<del>( ) </del>	
	•	
050LM3	LEVEL	STRUCTURAL LEVEL
	abla	
	×	
050LM4	LEVEL FINISHED_LEVEL	FINISHED LEVEL
	$\overline{}$	
	<b>×</b>	
050LM5	ו ריכו	EXISTING LEVEL
	、 LEVEL	
	X	
0.701.140		
050LM6	ı LEVEL	SPECIFIC LEVEL
	1	
050LM7		CEILING HEIGHT ABOVE F.F.L.
OJOLIVI7		GEIEMOTIEIGITI ABOVET.I.E.
	LEVEL	
050MD1	→ DETAIL_NO	DETAIL MARK - VERTICAL TOP
	→ DMC_NO	
	<u>'</u>	
050MKD	OCC_DPE	DOOR MARK
	DOOR_TRANS_INFE ROMADHEERY_INFE	

Class 050 Symbol Name	Graphical Presentation	Description
050MKF	٨	FINISH MARK
	/×\	
	FINISH_MARK	
050MKW		WINDOW MARK
	$\langle \times \rangle$	
	\	
	WINDOW_MARK	
050MS1	4 0545 110	SECTION MARK - VERTICAL TOP
03010131	SECT_NO	FACING LEFT
	DWG_NO	
050NPT		NORTH POINT
	$\times$	
ANGLE	Λ	ANGLE MARK
1.00000	₩	000000000
LCROSS		CROSS FOR DELETION/ABANDONED
	X	
REMOVE	\$\$\$\$	CROSS FOR REMOVED I.e. pipelines
S1	$\wedge$	to be removed  1:1 SCALE BAR mm
31	0 10 20 30 10 50 mm	1.1 SCALE BAN IIIII
S10	0 100 200 300 400 500 mm	1:10 SCALE BAR mm
S100	O I 2 3 4 6 m	1:100 SCALE BAR m
	1 : 100 SEALE BUR	
S1000	0 10 20 30 t0 50 m	1:1000 SCALE BAR m
S10000	1:1000 SCALE BAR 0 100 200 300 400 500 m	1:10000 SCALE BAR m
0405	1 : 10 000 SCALE BAR	ALAOS COALS DAD ::
S125	0 1 2 3 4 5 m	1:125 SCALE BAR m
S2	1 : 123 SCALE BAR	1:2 SCALE BAR mm
	T : 2 SOLE BAR	
S20	0 200 1000 mm	1:20 SCALE BAR mm
	I : M AAL DE	

Class 050 Symbol Name	Graphical Presentation	Description
S200	6 5 10 m	1:200 SCALE BAR m
S2000	0 50 100 m	1:2000 SCALE BAR m
S20000	0 600 1900 m	1:20000 SCALE BAR m
S25	0 500 1000 mm	1:25 SCALE BAR mm
S250	0 5 10 m	1:250 SCALE BAR m
S5		1:5 SCALE BAR mm
S50	I : 50 SCALE BAR	1:50 SCALE BAR mm
S500	0 5 10 15 20 25 m	1:500 SCALE BAR m
S5000	0 50 100 150 200 250 m	1:5000 SCALE BAR m
SEALEV	SEA LEVEL	SEA LEVEL INDICATOR
TWL	T.W.L.	TOP WATER LEVEL

#### Class 060 - Hatching

Class 060 Symbol Name	Graphical Presentation	Description
060ASP	<u> </u>	HATCH - ASPHALT / MACADAM
060BLD	× <u>———</u>	HATCH - BLOCKBOARD
060BLK	XXXXX	HATCH - BLOCK WORK
060BRD	× TITTITT	HATCH - BOARD
060BRK	7//////	HATCH - BRICK WORK
060CEM	A CONTRACTOR OF THE PROPERTY O	HATCH - PLASTER/ RENDERING/SCREED
060CON	X	HATCH - CONCRETE WORK
060GLS	×=====	HATCH - GLASS SHEET
060GRF	\$3 <b>333</b> 53	HATCH - GRANULAR FILL
060HCL		HATCH - HARDCORE LARGE SCALE
060HCS		HATCH - HARDCORE SMALL SCALE
060INB	$\Delta \Delta \Delta \Delta^{\star}$	HATCH - INSULATION BOARD
060INQ	$\rightarrow$	HATCH - INSULATION QUILT
060MWK	× <del></del>	HATCH - METAL WORKS
060PLY	X	HATCH - PLYWOOD
060SSL		HATCH - SUBSOIL
060STO		HATCH - STONEWORK

Class 060 Symbol Name	Graphical Presentation	Description
060TSL	<del>             \</del>	HATCH - TOPSOIL
060WDM		HATCH - WOOD MACHINED ALL ROUND
060WDS		HATCH - WOOD SAWN
HSEED1	·· · · ·	HYDROSEEDING FOR SLOPE WORKS
HYEMAT	$\sim$	HYDROSEEDING WITH EROSION CONTROL MAT FOR SLOPE WORKS
ROCKTR	×	ROCK SLOPE TREATMENT
SPCON1	Э Ж (	SPRAYED CONCRETE FOR SLOPE WORKS
SPITCH		STONE PITCHING FOR SLOPE WORKS
STONSP		STONE SURFACE ON SLOPE
TNZONE	× ~ ~	TRANSITION ZONE FOR SLOPE WORKS

#### Class 110 - Ground

Class 110 Symbol Name	Graphical Presentation	Description
110bhn		BORE HOLE - EXISTING
	123	
440	123	DODE HOLE NEW
110pzp	123	BORE HOLE - NEW
110tnn	120	TRIAL PIT - EXISTING
110tpn	123	TRIAL PTI - LAISTING
COREHO	— <b>≫</b>	CORE HOLE
GBOUND	×	GEOLOGICAL BOUNDARY
GEOPOB	$\triangle$	GEO PROBE
IBRHP	<del>-</del>	BORE HOLE
ITPITP		TRIAL PIT
PZRTIP	Ļ	PIEZOMETER TIP
RHEAD1	×\\$\/	ROCK HEAD BOUNDARY
SFSTRP	<u>ZZ</u>	SURFACE STRIP

Class 110 Symbol Name	Graphical Presentation	Description
SPZTVL	<b>*</b>	STANDARD PIEZOMETER TIP VALUE
WMARK	<u> </u>	WATER LEVEL MARK
WSPAGE	5	GROUND WATER SEEPAGE
WTABLE	×	GROUND WATER TABLE LEVEL

#### **Class 120 - Earthworks**

Class 120 Symbol Name	Graphical Presentation	Description
DOWEL1	•	PROPOSED ROCK DOWEL FOR SLOPE WORKS
SLOPCP		PROPOSED CUTTING SLOPE
SLOPE1		EXISTING SLOPE
SLOPFP	× X	PROPOSED FILLING SLOPE
SNAILA		PROPOSED SOIL NAIL ON HYDROSEEDED SLOPE SURFACE
SNAILB		PROPOSED SOIL NAIL ON SPRAYED CONCRETE SLOPE SURFACE

#### Class 140 - Tunnels

Class 140 Symbol Name	Graphical Presentation	Description
WT		WATER TUNNEL
	×	

#### **Class 280 - Building Frames, Other Primary Elements**

Class 280 Symbol Name	Graphical Presentation	Description
280SDL	DROP <i>77777</i> , 77777	Slab Drop Difference - Left
280SDR	7777, DROP	Slab Drop Difference - Right

#### **Class 290 - Parts & Accessories**

Class 290 Symbol Name	Graphical Presentation	Description
SPRING		SPRING

#### **Class 310 – Secondary Elements To Walls, External Walls**

Class 310 Symbol Name	Graphical Presentation	Description
315DD1		DOUBLE LEAVE DOOR ANY TYPE
315DD2		DOUBLE LEAVE DOOR NORMALLY CLOSED
315DD3		DOUBLE LEAVE DOOR OPENING 180°
315DD4	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	DOUBLE LEAVE DOOR OPENING 180° NORMALLY CLOSED
315DD5		DOUBLE LEAVE DOOR OPENING EITHER WAY
315DD6		DOUBLE LEAVE DOOR OPENING EITHER WAY NORAMLLY CLOSED
315DS1		SINGLE LEAVE DOOR ANY TYPE

Class 310 Symbol Name	Graphical Presentation	Description
315DS2		SINGLE LEAVE DOOR NORMALLY CLOSED
315DS3		SINGLE LEAVE DOOR OPENING 180°
315DS4		SINGLE LEAVE DOOR OPENING 180° NORMALLY CLOSED
315DS5		SINGLE LEAVE DOOR OPENING EITHER WAY
315DS6		SINGLE LEAVE DOOR OPENING EITHER WAY NORAMLLY CLOSED
315FD1	*	DOUBLE LEAVE 1/2 HR S.C. DOOR
315FD2		DOUBLE LEAVE 1 HR S.C. DOOR

Class 310 Symbol Name	Graphical Presentation	Description
315FD3	NA N	DOUBLE LEAVE 2 HR S.C. DOOR
315FD4		DOUBLE LEAVE 1/2 HR S.C. DOOR WITH VIEWING PANEL
315FD5		DOUBLE LEAVE 1 HR S.C. DOOR WITH VIEWING PANEL
315FD6	X X X	DOUBLE LEAVE 2 HR S.C. DOOR WITH VIEWING PANEL
315FS1		SINGLE LEAVE 1/2 HR S.C. DOOR
315FS2	X	SINGLE LEAVE 1 HR S.C. DOOR
315FS3	N N N N N N N N N N N N N N N N N N N	SINGLE LEAVE 2 HR S.C. DOOR
315FS4		SINGLE LEAVE 1/2 HR S.C. DOOR WITH VIEWING PANEL

Class 310 Symbol Name	Graphical Presentation	Description
315FS5	Z =	SINGLE LEAVE 1 HR S.C. DOOR WITH VIEWING PANEL
315FS6	ØX X	SINGLE LEAVE 2 HR S.C. DOOR WITH VIEWING PANEL
315REV		REVOLVING DOOR
315SD1	$\overline{}$	SLIDING DOOR
315SF1	<u> </u>	SLIDING/FOLDING END HUNG
315SF2	*\	SLIDING/FOLDING CENTRE HUNG

#### **Class 340 - Secondary Elements to Stairs & Ramps**

Class 340 Symbol Name	Graphical Presentation	Description
HRAIL1	×———	PROPOSED HANDRAILING ON BERM OF SLOPE

#### **Class 510 - Water Supply External**

Class 510 Symbol Name	Graphical Presentation	Description
EFWM		EXISTING FRESH WATER MAIN
ESWM		EXISTING SALT WATER MAIN
RWM	<del></del>	RAW WATER MAIN
SM	<u></u>	SLEEVED MAIN

#### **Class 520 - Waste Disposal Drainage**

Class 520 Symbol Name	Graphical Presentation	Description
RP	BE	RODDING PIT

#### **Class 530 - Liquids Supply**

Class 530 Symbol Name	Graphical Presentation	Description
530CKM	$\otimes$	CHECK METER
530LJS	<b>X</b>	LOOSE JUMPER TYPE STOP COCK
530MTR	M	WATER METER
530NRV		NON-RETURN VALE
530PUM		PUMP SET
530VL1	$\bowtie$	GATE VALVE
530VL2		STOP VALVE
ADB001		ANGLE VALVE
ADB002		GLOBE VALVE
ADB003		GATE VALVE

Class 530 Symbol Name	Graphical Presentation	Description
ADB004		QUICK SHUT OFF VALVE
ADB005		3-WAY VALVE
ADB006		NON-RETURN VALVE
ADB007		DOUBLE REGULATING BALANCING VALVE C/W ORIFICE FOR FLOW MEASUREMENT
ADB008		BUTTERFLY VALVE
ADB009	MODULATING	2-WAY ELECTRIC MODULATING VALVE
ADB010		2-WAY ELECTRIC ON/OFF VALVE
ADB011	MODULATING	3-WAY ELECTRIC MODULATING VALVE

Class 530 Symbol Name	Graphical Presentation	Description
ADB012		3-WAY ELECTRIC ON/OFF VALVE
ADB013	P.R. ∤∑	PRESSURE RELIEF VALVE
ADB014		WEIGHT OPERATED VALVE
ADB015		2-WAY PNEUMATIC ON/OFF VALVE
ADB016	***	3-WAY PNEUMATIC ON/OFF VALVE
ADB017		2-WAY PNEUMATIC MODULATING VALVE
ADB018		3-WAY PNEUMATIC MODULATING VALVE
ADB019	×	STEAM TRAP

Class 530 Symbol Name	Graphical Presentation	Description
ADB020	*	BALL FLOAT VALVE
ADB021	*	STRAINER (Y-TYPE)
ADB022		STRAINER (BUCKET-TYPE)
ADB023	₩W.	FLEXIBLE PIPE CONNECTOR
ADB024	AAV	AUTO AIR RELIEF VALVE
ADB025		DRAIN CORK C/W PLUG
ADB026	Ţ v	AIR BOTTLE WITH HAND VENT
ADB027		WATER CIRCULATING PUMP
ADB028		SECTION OF PIPE

Class 530 Symbol Name	<b>Graphical Presentation</b>	Description
ADB029	Ø X *	PRESSURE GAUGE WITH COCK
ADB030	©X+X	COMPOUND GAUGE WITH COCK
ADB031	*(M)	WATER METER
ADB032	FLOWMETER	FLOW METER
ADB033	Q	FLOW SWITCH
ADB034	PSWITCH	PRESSURE SENSOR

#### **Class 540 - Gases Supply**

Class 540 Symbol Name	Graphical Presentation	Description
ADB029	⊙ <del>×</del> ×	PRESSURE GAUGE WITH COCK
ADB801	$\bigvee^{\times}$	MEDICAL VACUUM TERMINAL UNIT
ADB802	$\times \bigcirc \bigcirc_2$	MEDICAL OXYGEN TERMINAL UNIT
ADB803	$\times$ CA	MEDICAL COMPRESSED AIR TERMINAL UNIT
ADB804	$\rightarrow N_2 O$	NITROUS-OXIDE TERMINAL UNIT
ADB805	$\times$ $\triangle$	ANAESTHETIC GAS TERMINAL UNIT
ADB806	$\times$	NON-MEDICAL VACUUM TERMINAL UNIT
ADB807	×-DNMCA	NON-MEDICAL COMPRESSED AIR TERMINAL UNIT
ADB808	4	PRESSURE RELIEF VALVE
ADB809		BALL VALVE

Class 540 Symbol Name	Graphical Presentation	Description
ADB811		VACUUM PUMP
ADB812		AIR COMPRESSOR
ADB813		FILTER
ADB814	MGCP	MAIN MEDICAL GAS CONTROL PANEL
ADB815	AA	REMOTE AREA ALARM CONTROL PANEL
ADB816	VB	AREA VALVE SERVICE UNIT C/W PRESSURE ALARM EQUIPMENT
GSEND	$\bigcirc$	EXISTING GAS MAIN END
GSH	×	EXISTING HIGH PRESSURE GAS MAIN
GSHAB	×	EXISTING HIGH PRESSURE GAS MAIN ABANDONED
GSHP	×	PROPOSED HIGH PRESSURE GAS MAIN
GSL	χΔ	EXISTING LOW PRESSURE GAS MAIN
GSLAB	× <del>,                                    </del>	EXISTING LOW PRESSURE GAS MAIN ABANDONED
GSLP	×	PROPOSED LOW PRESSURE GAS MAIN
GSM	×	EXISTING MEDIUM PRESSURE GAS MAIN
GSMAB	×	EXISTING MEDIUM PRESSURE GAS MAIN ABANDONED

Class 540 Symbol Name	Graphical Presentation	Description
GSMP	×	PROPOSED MEDIUM PRESSURE GAS MAIN
GSSY		EXISTING GAS SYPHON
GSSYP	$\otimes$	PROPOSED GAS SYPHON
GSVA	×	EXISTING GAS VALVE
GSVAP	$\langle \rangle$	PROPOSED GAS VALVE

#### **Class 550 - Space Cooling**

Class 550 Symbol Name	Graphical Presentation	Description
ADB101	$\bigcirc$	DIAL METER (FOR MEASURING TEMPERATURE, AMPERE VOLTOMETER ETC.)
ADB102	HRM	HOUR RUN METER
ADB103	КДМ	ENERGY METER
ADB104	Ţ	THERMOMETER
ADB105	Ţş	TEMPERATURE SENSOR
ADB106	Ţ	ROOM THERMOSTAT
ADB107	H	HUMIDISTAT
ADB108	DDC	DIRECT DIGITAL CONTROL PANEL
ADB109	MFCC	MULTI-FUNCTIONAL CENTRALIZED CONTROLLER
ADB110	<u>P</u>	PRESSURE DIFFERENTIAL SWITCH
ADB111	FŢC	FIRE TRIP CONTACTOR FOR SHUT DOWN A/C EQUIPMENT
ADB112		PROBE TYPE SMOKE DETECTOR
ADB113	ORP	OXIDATION-REDUCTION-POTENTIAL ANALYZER
ADB114	5,5	pH ANALYZER
ADB115	TC	THERMOSTAT & 3-SPEED REGULATOR FOR FAN COIL UNITS

Class 550 Symbol Name	Graphical Presentation	Description
ADB116	(m)	3-SPEED REGULATOR FOR FAN COIL UNITS WITH DUCT-TYPE THERMOSTAT
ADB117	RC	REMOTE CONTROLLER C/W THERMOSTAT AND REGULATOR FOR D.X. FAN COIL UNIT
ADB118		A/C LOCAL CONTROL/INDICATION PANEL
ADB119		A/C SUPERVISORY PANEL
ADB120	10	CENTRIFUGAL FAN
ADB121	÷∕√√~	DUCT HEATER
ADB122		ULTRAVIOLET STERILIZER
ADB123		AIR FILTER
ADB124		BAG FILTER
ADB125	**************************************	ACTIVE CARBON FILTER
ADB126		HIGH EFFICIENCY PARTICULATE FILTER

Class 550 Symbol Name	Graphical Presentation	Description
ADB127		ELECTROSTATIC FILTER
ADB128	<b>€</b>	HEATING COIL
ADB129	( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	COOLING COIL
ADB130	R	INDICATOR LAMP, e.g. R=RED, Y=YELLOW, B=BLUE, A=AMBER, W=WHITE, G=GREEN
ADB131	Œ	EMERGENCY STOP PUSH BUTTON
ADB132		KEY SWITCH
ADB133		SELECTOR SWITCH
ADB134		PUSH BUTTON (PANEL)
ADB135	DOL	DIRECT-ON-LINE MOTOR STARTER
ADB136	<b>X</b>	MOTOR STAR-DELTA MOTOR STARTER
ADB137		BUZZER
ADB374	MPA	MULTI-FUNCTION POWER METER

#### **Class 570 - Air Conditioning, Ventilation**

Class 570 Symbol Name	Graphical Presentation	Description
ADB201		SECTION OF SUPPLY AIR DUCT
ADB202		SECTION OF RETURN AIR DUCT
ADB203		SECTION OF PRIMARY AIR DUCT
ADB204	X	SECTION OF EXHAUST AIR DUCT
ADB205		PROPELLER FAN
ADB206		DOMESTIC EXHAUST FAN
ADB207		CASED AXIAL FAN
ADB208	[D]	CENTRIFUGAL DUCT FAN
ADB209	DAMPER	MOTORISED OPPOSED BLADE TYPE VCD

Class 570 Symbol Name	Graphical Presentation	Description
ADB210	CLEANPOINT	CLEANSING POINT IN AIR DUCT
ADB211		AIR SILENCER
ADB212	SIZE ×	DOOR LOUVRE AT TO BE INCLUDED IN BUILDER'S WORKS,e.g. 0.1sq.m. NETT FREE AREA
ADB213	TYPE	V.A.V BOX, e.g. TYPE A
ADB214	DESIGNATION	AIR CURTAIN e.g. AIR CURTAIN NO.2 ON 1/F
ADB215	DESIGNATION	FAN COIL UNIT e.g. FAN COIL UNIT NO.2 ON 1/F
ADB216	TYPE	GRILLE/LOUVRE C/W V.C.D., SQUARE TYPE
ADB217	TYPE	GRILLE/LOUVRE C/W V.C.D., RECTANGULAR TYPE
ADB218	<del>_</del>	LINEAR AIR DIFFUSER C/W V.C.D., 1-SLOT

Class 570 Symbol Name	Graphical Presentation	Description
ADB219		LINEAR AIR DIFFUSER C/W V.C.D., 2-SLOT
ADB220		LINEAR AIR DIFFUSER C/W V.C.D., 3-SLOT
ADB221		LINEAR AIR DIFFUSER C/W V.C.D., 4-SLOT
ADB222	— <u>—</u>	SUPPLY AIR DIFFUSER C/W V.C.D., 4-WAY RECTANGULAR TYPE
ADB223		SUPPLY AIR DIFFUSER C/W V.C.D., 3-WAY RECTANGULAR TYPE
ADB224		SUPPLY AIR DIFFUSER C/W V.C.D., 2-WAY RECTANGULAR TYPE, (TYPE A)
ADB225	-	SUPPLY AIR DIFFUSER C/W V.C.D., 2-WAY RECTANGULAR TYPE, (TYPE B)
ADB226		SUPPLY AIR DIFFUSER C/W V.C.D., 1-WAY RECTANGULAR TYPE
ADB227	— <b>—</b> —	SUPPLY AIR DIFFUSER C/W V.C.D., 4-WAY SQUARE TYPE

Class 570 Symbol Name	Graphical Presentation	Description
ADB228	<u>†</u> — <u>M</u> —	SUPPLY AIR DIFFUSER C/W V.C.D., 3-WAY SQUARE TYPE
ADB229	$ \mathbb{M}$ $-$	SUPPLY AIR DIFFUSER C/W V.C.D., 2-WAY SQUARE TYPE, (TYPE A)
ADB230		SUPPLY AIR DIFFUSER C/W V.C.D., 2-WAY SQUARE TYPE, (TYPE B)
ADB231		SUPPLY AIR DIFFUSER C/W V.C.D., 1-WAY SQUARE TYPE
ADB232		SUPPLY AIR DIFFUSER C/W V.C.D., CIRCULAR TYPE
ADB233	DESIGNATION	VENTILATION FAN NOTATION e.g. VENTILATING FAN NO.1 ON R/F
	FLOOR	

# Class 580 - Fire Protection in General & Fire Services other than Electrical

Class 580 Symbol Name	Graphical Presentation	Description
ADB002		GLOBE VALVE
ADB003		GATE VALVE
ADB004		QUICK SHUT OFF VALVE
ADB013	P.R.	PRESSURE RELIEF VALVE
ADB020	*	BALL FLOAT VALVE
ADB021	+	STRAINER (Y-TYPE)
ADB023	₩₩	FLEXIBLE PIPE CONNECTOR
ADB024	AAV X	AUTO AIR RELIEF VALVE

Class 580 Symbol Name	Graphical Presentation	Description
ADB025	$\sum_{i=1}^{\infty}$	DRAIN CORK C/W PLUG
ADB027		WATER CIRCULATING PUMP
ADB029	 ▼ *	PRESSURE GAUGE WITH COCK
ADB032	FM	FLOW METER
ADB033	Q	FLOW SWITCH
ADB130	R	INDICATOR LAMP, e.g. R=RED, Y=YELLOW, B=BLUE, A=AMBER, W=WHITE, G=GREEN
ADB131		EMERGENCY STOP PUSH BUTTON
ADB132		KEY SWITCH

Class 580 Symbol Name	Graphical Presentation	Description
ADB133		SELECTOR SWITCH
ADB134		PUSH BUTTON (PANEL)
ADB135	DOL	DIRECT-ON-LINE MOTOR STARTER
ADB136		MOTOR STAR-DELTA MOTOR STARTER
ADB137		BUZZER
ADB382		BUSBAR CHAMBER, MCCB/MCB DISTRIBUTION BOARD
ADB601		PIPE EXPANSION JOINT
ADB602	LP X	PRESSURE REDUCING VALVE

Class 580 Symbol Name	Graphical Presentation	Description
ADB603	P.R.V.	PRESSURE REDUCING VALVE SET
ADB604	P1	PRESSURE SWITCH, e.g. P1 = PRESSURE SWITCH NO. 1
ADB605	HINL J	FLOAT SWITCH
ADB606		FIRE HYDRANT OUTLET (SINGLE OUTLET TYPE)
ADB607	T *> <h< td=""><td>FIRE HYDRANT OUTLET (TWIN OUTLET TYPE)</td></h<>	FIRE HYDRANT OUTLET (TWIN OUTLET TYPE)
ADB608	LP *XH	SELF-CONTAINED PRESSURE REDUCING FIRE HYDRANT OUTLET (SINGLE OUTLET TYPE)
ADB609	H	STREET FIRE HYDRANT (PEDESTAL TYPE)
ADB610	***	KEY OPERATED U/G ISOLATING VALVE

Class 580 Symbol	Graphical Presentation	Description
Name		
ADB611	HR	HOSE REEL
ADB612		HOSE REEL (SCHEMATIC)
	$\times$	
ADB613	F.S.I.	FIRE SERVICE INLET
ADB614	₩ <b>&gt;</b> > -[ F.S.I.	FIRE SERVICES INLET (SCHEMATIC)
ADB615	SPR.I.	SPRINKLER INLET
ADB616	SPR.I.	SPRINKLER INLET (SCHEMATIC)
ADB617		SPRINKLER SYSTEM ALARM VALVE SET
ADB618		SPRINKLER SYSTEM ALARM VALVE SET (SCHEMATIC)

Class 580 Symbol	Graphical Presentation	Description
Name		DDE 4.07(01/DE0)/01/D10
ADB619		PRE-ACTION/RECYCLING SPRINKLER SYSTEM ALARM VALVE SET
ADB620	D	DRY PIPE SPRINKLER SYSTEM ALARM VALVE SET
ADB621	*	DRENCHER SYSTEM ALARM VALVE SET
ADB622		SUBSIDIARY STOP VALVE WITH ELECTRIC MONITORING
ADB623		GLOBE VALVE WITH ELECTRIC MONITORING
ADB624	WCPD	WATER COLUMNING PREVENTION DEVICE
ADB625		VORTEX INHIBITOR
ADB626	*	ORIFICE PLATE
ADB627	RECY	PRE-ACTION/RECYCLING SPRINKLER SYSTEM CONTROL PANE

Class 580 Symbol Name	Graphical Presentation	Description
ADB628	$\overline{}$	DRENCHER SYSTEM NOZZLE, SINGLE LAYER
ADB629	$\hat{\otimes}$	SPRINKLER HEAD, SINGLE LAYER UNDER FLOOR/CEILING SLAB
ADB630		SPRINKLER HEAD, SINGLE LAYER INSIDE FALSE CEILING
ADB631	$\otimes$	SPRINKLER HEAD, SINGLE LAYER UNDER FALSE CEILING C/W CEILING PLATE
ADB632		SPRINKLER HEAD, DOUBLE LAYER, UPPER INSIDE FALSE CEILING AND LOWER UNDER FALSE CEILING C/W CEILING PLATE
ADB633	$\otimes$	SPRINKLER HEAD, SINGLE LAYER BELOW FLOOR/CEILING SLAB
ADB634	⊗93°C	93 DEG. CELCIUS SPRINKLER HEAD, SINGLE LAYER FOR HIGH AMBIENT TEMPERATURE ENVIRONMENT
ADB635	$\otimes^{W}$	SPRINKLER HEAD, SINGLE LAYER C/W WATER SHIELD
ADB636	$\otimes^{D}$	DRY SPRINKLER HEAD, SINGLE LAYER
ADB637	$\otimes^{S}$	SIDE WALL SPRINKLER HEAD, SINGLE LAYER
ADB638	N	NOZZLE FOR GAS FLOODING SYSTEM

Class 580 Symbol Name	Graphical Presentation	Description
ADB639	YODA	YODA ALARM
ADB640	Ĭ,	RED FLASHING LIGHT (CEILING MOUNTED) C/W ENGRAVED ENGLISH & CHINESE LETTERS
ADB641	É	RED FLASHING LIGHT (WALL MOUNTED) C/W ENGRAVED ENGLISH & CHINESE LETTERS
ADB642	LO	GAS FLOODING SYSTEM LOCK OFF/INDICATION UNIT
ADB643	FM200	FM-200 GAS FLOODING SYSTEM CONTROL PANEL
ADB644	MRU	MANUAL RELEASE UNIT
ADB645	ERM	EMERGENCY RELEASE MECHANISM
ADB646	<del>-0</del> 0-	DRY CONTACT
ADB647	* EL	END OF LINE TESTER
ADB648	F&S	FIRE & SMOKE DAMPER

Class 580 Symbol	Graphical Presentation	Description
Name		
ADB649	F&S	FIRE & SMOKE DAMPER CONTROL PANEL
ADB650	INTER	INTERFACING PANEL
ADB651	FIRE	FIRE ALARM & CONTROL PANEL
ADB652	REPT	FIRE SERVICE REPEATER PANEL
ADB653	LOC	LOCAL FIRE SERVICE INDICATION PANEL
ADB654	Pu	LOCAL PUMP CONTROL PANEL
ADB655	F.SH.	FIRE SHUTTER CONTROL PANEL
ADB656	<sup>⊗</sup> 4.5kg CO <sub>2</sub> F.E.	4.5 kg CARBON DIOXIDE FIRE EXTINGUISHER
ADB657	<sup>⊗</sup> 9l CO <sub>2</sub> F.E.	9 LITRE WATER CARBON DIOXIDE FIRE EXTINGUISHER
ADB658	<sup>⊗</sup> S.B.	SAND BUCKET
ADB659	<sup>⊗</sup> F.B.	FIRE BLANKET
ADB660	FM200 (19.5)	AUTOMATIC FM-200 CEILING MOUNTED FIRE EXTINGUISHER (SIZE AS SHOWN IN kg)

Class 580 Symbol Name	Graphical Presentation	Description
ADB661	NAFS-III (16.0)	AUTOMATIC NAFS-III CEILING MOUNTED FIRE EXTINGUISHER (SIZE AS SHOWN IN kg)

#### **Class 590 - Parts and Accessories**

Class 590 Symbol Name	Graphical Presentation	Description
ADBM01	Ŋ.	T-PORT VALVE
ADBM02		REMOTE CONTROL QUICK CLOSING GATE VALVE
ADBM03	Ĭ	DOUBLE FOOT VALVE
ADBM04	<del>\</del>	PRESSURE/VACUUM RELIEF VALVE
ADBM05		PRESSURE REDUCING VALVE
ADBM06	*	PRESSURE REDUCING SET
ADBM07	*	HIGH LEVEL CUT OFF VALVE
ADBM08	©   <del> </del>	TEMPERATURE CONTROL VALVE
ADBM09	(B)  X	MOTORISED MODULATING VALVE
ADBM10	(E)	3-WAY MOTORISED MODULATING VALVE

Class 590 Symbol Name	Graphical Presentation	Description
ADBM11	<b>₩</b>	STEAM TRAP SET
ADBM12		LOCKABLE BRASS SCREW CAP C/W CAPTIVE CHAIN & PADLOCK
ADBM13		QUICK FIX COUPLER
ADBM14	HWATE C	QUICK FIX COUPLER FOR VAPOUR RECOVERY C/W FLAME ARRESTER
ADBM15	(Ĝ	EMERGENCY GENERATOR
ADBM16	XVV	FLEXIBLE HOSE
ADBM17	*	PIPE REDUCER
ADBM18	$\stackrel{\times}{\triangle}$	VENT HOOD C/W BRASS WIRE MESH AT END
ADBM19	Ţ <b>~</b>	PIPE FALL
ADBM20	Y	FUNNEL
ADBM21		SEPARATOR
ADBM22		EXHAUST HEAD C/W DRAIN PIPE
ADBM23		SIGHT GLASS

Class 590 Symbol Name	Graphical Presentation	Description
ADBM24	Ŷ1	AUTOMATIC AIR VENT
ADBM25	(T)	TEMPERATURE GAUGE
ADBM26	e	PRESSURE GAUGE
ADBM27		LEVEL GAUGE
AV	$\Diamond$	AIR VALVE
DETRI		4000 DIA. DETRITOR
FLOWM	$\bigcirc$	FLOWMETER/WASTE DETECTION METER/DISTRICT METERING METER
FMC		FLOW MEASUREMENT CHAMBER
FRV	$\mathbb{N}$	FLOW REGULATING VALVE
GH	$\bigvee_{\chi}$	GROUND FIRE HYDRANT
HD	<b>*</b>	HEAVY DRAWOFF HYDRANT

Class 590 Symbol Name	Graphical Presentation	Description
LCM		LEAKAGE COLLECTION MANHOLE
LNC	<b></b>	LEAK/NOISE CORRELATION POINT
NRV		NON-RETURN VALVE
PH	<b>T</b>	PEDESTAL FIRE HYDRANT
PRV		PRESSURE REDUCING VALVE
RESIST	+	RESISTOR
SNH	<u> </u>	SWAN NECK HYDRANT
SP	<del>×</del>	STANDPIPE
TSH	<b>★</b>	TWIN SWAN NECK HYDRANT
TWC	•	TEE, WYE, CROSSING
VALVE	H	BUTTERFLY VALVE/SLUICE VALVE/GATE VALVE/STOP COCK
VEN	$\bowtie$	VENTURI

# **Class 610 - Electricity Supply**

Class 610 Symbol Name	Graphical Presentation	Description
E11		EXISTING 11KV ELECTRICITY CABLE
E11AB	-/	EXISTING 11KV ELECTRICITY CABLE ABANDONED
E11P	——————————————————————————————————————	PROPOSED 11KV ELECTRICITY CABLE
E132	132W	EXISTING 132KV ELECTRICITY CABLE
E132AB	-/	EXISTING 132KV ELECTRICITY CABLE ABANDONED
E132P	——— 132kV ———	PROPOSED 132KV ELECTRICITY CABLE
E33	33kV	EXISTING 33KV ELECTRICITY CABLE
E33AB		EXISTING 33KV ELECTRICITY CABLE ABANDONED
E33P	——— 33kV ———	PROPOSED 33KV ELECTRICITY CABLE
E400		EXISTING 400KV ELECTRICITY CABLE
E400AB	-/	EXISTING 400KV ELECTRICITY CABLE ABANDONED
E400P	400kV	PROPOSED 400KV ELECTRICITY CABLE
E66		EXISTING 66KV ELECTRICITY CABLE
E66AB	-/	EXISTING 66KV ELECTRICITY CABLE ABANDONED
E66P		PROPOSED 66KV ELECTRICITY CABLE
ECONR	E	EXISTING ELECTRICITY CONTROLLER
ECONRP	E × E	PROPOSED ELECTRICITY CONTROLLER
EDPIT	E	EXISTING ELECTRICITY DRAWPIT
EDPITP	E	PROPOSED ELECTRICITY DRAWPIT
EHTC	——— нт ———	EXISTING HIGH TENSION
		ELECTRICITY CABLE

Class 610 Symbol Name	Graphical Presentation	Description
EHTCAB	— <del>/ / Н</del> Т — <del>/ /</del>	EXISTING HIGH TENSION ELECTRICITY CABLE ABANDONED
EHTCP	——— нг ———	PROPOSED HIGH TENSION ELECTRICITY CABLE
EJBOX	E	EXISTING ELECTRICITY JOINT BOX
EJBOXP	⊗ E	PROPOSED ELECTRICITY JOINT BOX
ELTCAB	LT	EXISTING LOW TENSION ELECTRICITY CABLE ABANDONED
ELTCP	——— Lī ———	PROPOSED LOW TENSION ELECTRICITY CABLE
EMH	E	EXISTING ELECTRICITY MANHOLE
EMHP		PROPOSED ELECTRICITY MANHOLE
EPOLE	● E	EXISTING ELECTRICITY POLE
EPOLEP	⊗ E	PROPOSED ELECTRICITY POLE

#### Class 620 - Power

Class 620 Symbol Name	Graphical Presentation	Description
ADB130	R	INDICATOR LAMP, e.g. R=RED, Y=YELLOW, B=BLUE, A=AMBER, W=WHITE, G=GREEN
ADB301	<b>®</b>	CEILING FAN, 900mm DIAMETER
ADB302	<b>*</b>	CEILING FAN, 1200mm DIAMETER
ADB303	<b>*</b>	CEILING FAN, 1400mm DIAMETER
ADB304	₽	PEDESTAL FAN
ADB305	Ŷ <sub>w</sub>	WALL MOUNTED FAN
ADB306	<b>4</b>	CEILING MOUNTED ROTARY FAN
ADB307		FAN REGULATOR
ADB308	Ý.	WALL CLOCK
ADB309	RAD	RADIATOR
ADB310	CON	PANEL FIRE
ADB311	1200 ×	TUBULAR HEATER 1200mm LONG
ADB312	300 ×	TUBULAR HEATER 300mm LONG

Class 620 Symbol Name	Graphical Presentation	Description
ADB313	<b>W</b> 10	WATER HEATER (10 LITER)
ADB314	(WB)	WATER BOILER
ADB315	<b>©</b>	TEA URN
ADB316	COO KER	HOUSEHOLD ELECTRIC COOKER
ADB317	ĤŪ	HAND/FACE DRYER
ADB318	(HP	HOTPLATE
ADB319	REF	REFRIGERATOR
ADB320	DEH	DEHUMIDIFER
ADB321	RC	ROOM COOLER
ADB322	<u>Ô</u>	CALL/DOOR BELL PUSH, WALL MOUNTED TYPE
ADB323	<u> </u>	CALL BELL PUSH, TABLE TYPE
ADB324	<b>©</b>	DOOR BELL PUSH, WATERPROOF TYPE
ADB325	Â	CALL/DOOR/CLASS CHANGING BELL
ADB326		INDICATING PANEL WITH BUZZER

Class 620 Symbol Name	Graphical Presentation	Description
ADB327	Ţ	TELEPHONE POINT
ADB328	$\bigcirc$	TELEVISION POINT
ADB361	0	TRANSFORMER
ADB362	Ğ	GENERATOR
ADB363	×	AIR CIRCUIT BREAKER
ADB364	9)	MOULDED CASE CIRCUIT BREAKER
ADB365	Jo.	AUTOMATIC CHANGEOVER SWITCH
ADB366	0 0	SWITCH FUSE
ADB367	Š	SWITCH
ADB368	MCT	MULTI-CABLE TRANSIT BLOCK
ADB369	0/L*	OVERLOAD RELAY
ADB370	E/F	EARTH FAULT RELAY
ADB371	(A)<	AMMETER
ADB372	<b>V</b> )<	VOLTMETER
ADB373	<b>P</b>	POWER FACTOR METER

Class 620 Symbol Name	Graphical Presentation	Description
ADB374	MPA	MULTI-FUNCTION POWER METER
ADB375	MDU	MAXIMUM DEMAND UNIT
ADB376		CHECK METER
ADB377		SUPPLY CO'S KWH METER
ADB378		CURRENT TRANSFORMER
ADB379	<b>(C)</b>	SELECTOR SWITCH
ADB380	Ţ	SWITCH, DISCONNECTOR (ISOLATOR) FUSE-SWITCH OR SWITCH-FUSE
ADB381	× T	SWITCH, DISCONNECTOR (ISOLATOR) FUSE-SWITCH OR SWITCH-FUSE, WATERPROOF
ADB382		BUSBAR CHAMBER, MCCB/MCB DISTRIBUTION BOARD
ADB383		ELECTROMECHANICAL CONTACTOR
ADB384	**************************************	ELECTROMECANICAL CONTACTOR
ADB385	Ŗ	RESIDUAL CURRENT-OPERATED CIRCUIT BREAKER
ADB386	<u> </u>	EARTH POINT
ADB387	Ê	EARTH PIT

Class 620 Symbol Name	<b>Graphical Presentation</b>	Description
ADB388	BBR	VERTICAL BUSBAR RISER
ADB441	5	SOCKET OUTLET, 5A
ADB442	5	SOCKET OUTLET, 5A SWITCHED
ADB443	*	SOCKET OUTLET, 13A
ADB444	<del></del>	SOCKET OUTLET, 13A SWITCHED
ADB445	P	SOCKET OUTLET, 13A SWITCHED WITH PILOT LIGHT
ADB446	15	SOCKET OUTLET, 15A
ADB447	15	SOCKET OUTLET, 15A SWITCHED
ADB448	<u>P</u> , 15	SOCKET OUTLET, 15A SWITCHED WITH PILOT LIGHT
ADB449	SH	SHAVER SUPPLY UNIT
ADB450	$\bigcirc$	SOCKET OUTLET, 3 PIN, 13A, WATERPROOF
ADB451	<del></del> \$\infty \frac{30}{30}	SOCKET OUTLET, 30A, 5 PIN
ADB452	<b>△</b> 60	SOCKET OUTLET, 60A, 5 PIN
ADB453	Ę	FUSED CONNECTION UNIT, 2A

Class 620 Symbol Name	<b>Graphical Presentation</b>	Description
ADB454	Ş	FUSED SPUR UNIT, 13A
ADB455	Ş Ş	FUSED SPUR UNIT WITH PILOT LIGHT, 13A
ADB456	SP S	FUSED SPUR UNIT WITH PILOT LIGHT, 13A, SWITCHED
ADB457	Ţ	INSULATED TERMINAL BLOCK, 30A
ADB458	Ç	COOKER CONTROL UNIT, 45A
ADB501	<b>∑</b> PA	VERTICAL TRUNKING RISER (e.g. PUBLIC ADDRESS)
ADB502	75	75 x 75 ADAPTABLE BOX
ADB503	100	100 x 100 ADAPTABLE BOX
ADB504	150	150 x 150 ADAPTABLE BOX
ADB505	225	225 x 225 ADAPTABLE BOX
ADB506	300	300 x 300 ADAPTABLE BOX
ADB571	TDP <b>6</b> <	600 x 600 TEMPORRARY CABLE DRAW PIT
ADB572	TDP9	900 x 900 TEMPORRARY CABLE DRAW PIT

Class 620 Symbol Name	Graphical Presentation	Description
ADB573	DP6	600 x 600 CABLE DRAW PIT
ADB574	DP9	900 x 900 CABLE DRAW PIT

## Class 630 - Lighting

Class 630 Symbol Name	Graphical Presentation	Description
ADB341	×	LIGHTING SWITCH, 10A, ONE-WAY
ADB342		LIGHTING SWITCH, 10A, TWO-WAY
ADB343		LIGHTING SWITCH, 10A, ONE-WAY, WATERPROOF
ADB344	× ×	LIGHTING SWITCH, 10A, TWO-WAY, WATERPROOF
ADB345	RATING	LIGHTING SWITCH, 15A, ONE-WAY
ADB346	RATING	LIGHTING SWITCH, 15A, TWO-WAY
ADB347	RATING	LIGHTING SWITCH, 15A, ONE-WAY, WATERPROOF

Class 630 Symbol	Graphical Presentation	Description
Name ADB348	RATING	LIGHTING SWITCH, 15A, TWO-WAY, WATERPROOF
ADB349	s	LIGHTING SWITCH, 10A, ONE-WAY SPARKLESS
ADB350		TIME SWITCH
ADB351	P	SWITCH, 20A, DP WITH PILOT LIGHT
ADB352	PHOTOSW	PHOTOCELL
ADB401	$\leftarrow$	WALL MOUNTED LIGHTING POINT
ADB402	$\bigotimes$	CEILING MOUNTED LIGHTING POINT
ADB403	$\bigotimes$	WALL MOUNTED RED INDICATING LAMP

Class 630 Symbol Name	Graphical Presentation	Description
ADB404	X	SPOT LIGHT
ADB405	Q	WALL MOUNTED LIGHTING POINT, TWO ARM
ADB406		FLOODLIGHTING POINT
ADB407		LAMP POLE FOR STREET/ROAD/EXTERNAL LIGHTING
ADB408	<del>  ×  </del>	FLUORESCENT LUMINAIRE, 600mm SINGLE
ADB409		FLUORESCENT LUMINAIRE, 600mm TWIN
ADB410		FLUORESCENT LUMINAIRE, 1200mm SINGLE
ADB411		FLUORESCENT LUMINAIRE, 1200mm TWIN
ADB412	<del></del>	FLUORESCENT LUMINAIRE, 1500mm SINGLE
ADB413	X	FLUORESCENT LUMINAIRE, 1500mm TWIN
ADB414		FLUORESCENT LIGHTING PANEL, 600x300mm

Class 630 Symbol Name	Graphical Presentation	Description
ADB415		FLUORESCENT LIGHTING PANEL, 600x600mm
ADB416		FLUORESCENT LIGHTING PANEL, 1200x300mm
ADB417		FLUORESCENT LIGHTING PANEL, 1200x600mm
ADB418	<del></del>	FLUORESCENT LUMINAIRE, 600mm SINGLE, WALL MOUNTED
ADB419		FLUORESCENT LUMINAIRE, 600mm TWIN, WALL MOUNTED
ADB420	<del></del>	FLUORESCENT LUMINAIRE, 1200mm SINGLE, WALL MOUNTED
ADB421	<u></u>	FLUORESCENT LUMINAIRE, 1200mm TWIN, WALL MOUNTED
ADB422	<del></del>	FLUORESCENT LUMINAIRE, 1500mm SINGLE, WALL MOUNTED
ADB423	<u> </u>	FLUORESCENT LUMINAIRE, 1500mm TWIN, WALL MOUNTED
ALPP	<b>√</b> ×	AREA LIGHT POINT (POLE MOUNT)
BHLGHT	BL	BULKHEAD LIGHT
BO_E01	(BOLLARD No.) ★	EXISTING BOLLARD

Class 630 Symbol	Graphical Presentation	Description
Name		DDODOOED DOLLADD
BO_P01	(BOLLARD No.) ≯	PROPOSED BOLLARD
CJ_E01	•	EXISTING CABLE JOINT
CJ_P01	×	PROPOSED CABLE JOINT
CT_E01	(CONTROLLER TYPE) (CONTROLLER No.)	EXISTING PUBLIC LIGHTING CONTROLLER
CT_P01	(CONTROLLER TYPE) (CONTROLLER No.) ☑	PROPOSED PUBLIC LIGHTING CONTROLLER
DL_PL1	c- <del>*</del> -c	PROPOSED PUBLIC LIGHTING CABLE DIRECT LAID UNDERGROUND
DP_E01		EXISTING LIGHTING DRAWPIT
DP_P01	$\boxtimes$	PROPOSED LIGHTING DRAWPIT
DS_E01	↑ D.S. (D.S. Na.)	EXISTING DIRECTIONAL SIGN
DS_P01	↑ D.S. ☑ (D.S. No.)	PROPOSED DIRECTIONAL SIGN
DU_PL1	—— o — <del>×</del> — o ——	PROPOSED PUBLIC LIGHTING DUCTING CABLE UNDERGROUND
EP_E01	E	EXISTING LIGHTING EARTHPIT
EP_P01	Ε	PROPOSED LIGHTING EARTHPIT
F3TP		FLOURESCENT LIGHTING PANEL, TRIPLE TUBES

Class 630 Symbol Name	Graphical Presentation	Description
FL_E01	(LAMP No.)	EXISTING FLOURESCENT LAMP
FL_P01	(LAMP TYPE No.)	PROPOSED FLOURESCENT LAMP
GS_EL1	G.S. (G.S.No.)	EXISTING GANTRY SIGN
GS_PL1	G.S. (G.S.No.)	PROPOSED GANTRY SIGN
HBLGHT	(HL)	HIGHBAY LIGHT
LTG2	* O O	EMERGENCY LIGHT
NO_E01	<del> </del> N.O.	EXISTING NORMAL OPEN POINT
NO_P01	N.O. <del>※</del>	PROPOSED NORMAL OPEN POINT
OH_EL1	×	EXISTING PUBLIC LIGHTING OVERHEAD LINE
OH_PL1	—— <b>О</b> НL— <del>—</del> —ОНL— —	PROPOSED PUBLIC LIGHTING OVERHEAD LINE
PC_EL1	<del>×</del>	EXISTING PUBLIC LIGHTING CABLE UNDERGROUND
PL_E01	▲ (LAMP No.)	EXISTING SINGLE ARM PUBLIC LIGHT
PL_E02	→→→ (LAMP No.)	EXISTING DOUBLE ARM PUBLIC LIGHT
PL_E03	(LAMP No.)	EXISTING PUBLIC LIGHT UNDER BRIDGE
PL_P01	¿ (LAMP TYPE No.)	PROPOSED SINGLE ARM PUBLIC LIGHT

Class 630 Symbol Name	Graphical Presentation	Description
PL_P02	OXO (LAMP TYPE No.)	PROPOSED DOUBLE ARM PUBLIC LIGHT
PL_P03	å (LAMP TYPE No.)	PROPOSED PUBLIC LIGHT UNDER BRIDGE
SC_EL1	× s —	EXISTING PUBLIC LIGHTING UNDERGROUND CABLE WITH SHALLOW DEPTH(<900mm for CARRIAGEWAY & <450mm for PAVEMENT)
SL_E01	⇔ (LAMP No.)	EXISTING SOFFIT LIGHT
SL_P01	(LAMP No.)  (LAMP TYPE No.)	PROPOSED SOFFIT LIGHT
SLPP		SECURITY LIGHT POINT (POLE MOUNT)
SLPW	*	SECURITY LIGHT POINT
TM_E01	<u> </u>	EXISTING TERMINATION
TM_P01		PROPOSED TERMINATION
WM_E01	W.M. ♠ (LAMP No.)	EXISTING WALL MOUNTED LIGHT
WM_EL1	×	EXISTING WALL MOUNTED PUBLIC LIGHTING CABLE
WM_P01	W.M. ∅ (LAMP TYPE No.)	PROPOSED WALL MOUNTED LIGHT
WM_PL1	——ww———	PROPOSED WALL MOUNTED PUBLIC LIGHTING CABLE

### **Class 640 - Communications**

Class 640 Symbol Name	Graphical Presentation	Description
ADB521	KBJ	KEYBOARD C/W JOYSTICK FOR MATRIX SWITCHER
ADB522	U	COLOUR CCTV MONITOR (SIZE AS SHOWN)
ADB523	VDU	COLOUR MONITOR FOR COMPUTER SYSTEM
ADB524	VCR	VIDEO CASSETTE RECORDER TIME LAPSE TYPE
ADB525	M	HEAVY DUTY DOOR MAGNETIC SWITCH
ADB526	*	CEILING MOUNTED PASSIVE INFRARED & MICROWAVE DUAL DETECTION MOTION DETECTOR
ADB527	(E)	EMERGENCY BREAK GLASS FOR CARD ACCESS READER
ADB528		CEILING/WALL MOUNTED COLOUR CCD CAMERA AT HIGH LEVEL
ADB529	CARD	WALL MOUNTED CARD READER C/W KEYPAD AT 1130mm ABOVE FINISHED FLOOR LEVEL
ADB530	KB	KEYBOARD FOR SECURITY SYSTEM
ADB531	Ţ	EXIT CONTROL LOCK WITH REMOTE SIGNAL INDICATION
ADB532	P	LOCKING TYPE DURRESS BUTTON
ADB533	BREAK	GLASS BREAK DETECTOR

Class 640 Symbol Name	Graphical Presentation	Description
ADB534	Q	ELECTRIC DOOR STRIKE
ADB535	P/T	PAN/TILT RECEIVER
ADB536	VDA	VIDEO DISTRIBUTION AMPLIFIER
ADB537	LCP	LOCAL CONTROL UNIT (NOS. TO SUIT EQUIPMENT OFFERED)
ADB538	DIAL	TELEPHONE TRANSMITTER
ADB539	MX	16 WAY VIDEO MULTIPLEXER
CATV		EXISTING WHARF CABLE DUCT
CATVAB	<u> </u>	EXISTING WHARF CABLE DUCT ABANDONED
CATVP	×	PROPOSED WHARF CABLE DUCT
CCAB	<b>M</b>	EXISTING CABLE & WIRELESS PCCW HKT CABINET
CCABP	1	PROPOSED CABLE & WIRELESS PCCW HKT CABINET
CDPIT	<b>₽</b> <sup>T</sup>	EXISTING TELEPHONE DRAWPIT
CDPITP	$\boxtimes^{T}$	PROPOSED TELEPHONE DRAWPIT
CHCL	——HOL ——————————————————————————————————	EXISTING HUTCHISON CABLE DUCT
CHCLAB	→ HG	EXISTING HUTCHISON CABLE DUCT ABANDONED
CHCLP	imes — — HCL — — —	PROPOSED HUTCHISON CABLE DUCT
CHKT	——————————————————————————————————————	EXISTING CABLE & WIRELESS PCCW HKT CABLE DUCT
СНКТАВ	<del>→ →                                     </del>	EXISTING CABLE & WIRELESS PCCW HKT CABLE DUCT ABANDONED
CHKTP	imes—— HKT———	PROPOSED CABLE & WIRELESS PCCW HKT CABLE DUCT
CJBOX	<b>T</b>	EXISTING TELEPHONE JOINT BOX

Class 640 Symbol Name	Graphical Presentation	Description
CJBOXP	⊠ <sup>⊺</sup>	PROPOSED TELEPHONE JOINT BOX
СМН	*	EXISTING TELEPHONE MANHOLE
СМНР	X	PROPOSED TELEPHONE MANHOLE
CNTT	<u> </u>	EXISTING NEW T&T CABLE DUCT
CNTTAB	→ → N1T → → ×	EXISTING NEW T&T CABLE DUCT ABANDONED
CNTTP	TTN $$	PROPOSED NEW T&T CABLE DUCT
CNWT		EXISTING NEW WORLD CABLE DUCT
CNWTAB	$\rightarrow$ NII $\rightarrow$ $\times$	EXISTING NEW WORLD CABLE DUCT ABANDONED
CNWTP	imes — — TWN ———	PROPOSED NEW WORLD CABLE DUCT
CPOLE	•	EXISTING CABLE & WIRELESS PCCW HKT POLE
CPOLEP	8	PROPOSED CABLE & WIRELESS PCCW HKT POLE
EMS101	•	CCTV CAMERA MOUNTING POLE
EMS102	ŢV	TELEVISION / MONITOR
EMS103	<b></b> )	PAN/TILT/ZOOM TYPE CCTV CAMERA
EMS104	CC	CCTV SYSTEM EQUIPMENT
EMS105	Mo	MOTION DETECTOR
EMS106	1	WEATHERPROOF & DOME TYPE
EMS107	B	DOME TYPE CCTV CAMERA

Class 640 Symbol Name	Graphical Presentation	Description
EMS108		WEATHERPROOF TYPE CCTV CAMERA
EMS109		CCTV CAMERA
EMS110	<u> </u>	PAN/TILT TYPE CCTV CAMERA
EMS201	H	HEADSET / HEADPHONE
EMS202	X	SPEAKER
EMS203	XZH	HORN SPEAKER
EMS204	V	VOLUME CONTROL PANEL
EMS205	PA	PA SYSTEM EQUIPMENT
EMS207	A	ANTENNA
EMS208	M	WEATHERPROOF TYPE MICROPHONE
EMS209	M	MICROPHONE
EMS210	<b>®</b>	CEILING / FALSE CEILING SPEAKER
EMS211		WEATHERPROOF TYPE SPEAKER
EMS212	<u></u>	SOUND SYSTEM EQUIPMENT
EMS213	M	HANGING / FLOOR STANDING

#### **Class 670 - Fire Services Electrical**

Class 670 Symbol Name	Graphical Presentation	Description
ADB701	H	COMBINATION TYPE HEAT DETECTOR, SINGLE LAYER UNDER CEILING/FLOOR SLAB
ADB702	(H)	COMBINATION TYPE HEAT DETECTOR, SINGLE LAYER INSIDE FALSE CEILING
ADB703	₩ <sup>T</sup>	RATE OF RISE TEMPERATURE HEAT DETECTOR, SINGLE LAYER
ADB704	₩ <sup>E</sup>	INSTRINSICALLY SAFE HEAT DETECTOR, SINGLE LAYER UNDER CEILING/FLOOR SLAB
ADB705	HPP	FIRE RESISTANT HEAT DETECTOR FOR RECYCLING SPRINKLER SYSTEM, SINGLE LAYER, UNDER CEILING/FLOOR SLAB
ADB706	₩ <sup>P</sup>	FIRE RESISTANT HEAT DETECTOR FOR RECYCLING SPRINKLER SYSTEM, SINGLE LAYER, INSIDE FALSE CEILING
ADB707	8	SMOKE DETECTOR, SINGLE LAYER UNDER CEILING/FLOOR SLAB
ADB708	$\odot^{E}$	INSTINSICALLY SAFE SMOKE DETECTOR, SINGLE LAYER UNDER CEILING/FLOOR SLAB
ADB709	8	SMOKE DETECTOR, SINGLE LAYER INSIDE FALSE CEILING
ADB710	(S)H	SMOKE DETECTOR, SINGLE LAYER C/W ANTI-CONDENSATION HEATER & WIND SHIELD

Class 670 Symbol Name	Graphical Presentation	Description
ADB711	$\triangle$	REMOTE INDICATION LIGHT AT H/L
ADB712	$\bigotimes_{M}$	REMOTE INDICATION LIGHT AT H/L (WEATHERPROOF TYPE)
ADB713	• ×	BREAK GLASS UNIT
ADB714	Q	150mm DIA. FIRE ALARM BELL
ADB715		250mm DIA. WEATHERPROOF MASTER FIRE ALARM BELL
ADB716	EXIT	EXIT SIGN
ADB717	EXIT 1	FLASHED DIRECTIONAL EXITSIGN (STRAIGHT ON)
ADB718	← EXIT	FLASHED DIRECTIONAL EXITSIGN(TURN LEFT)
ADB719	EXIT >	FLASHED DIRECTIONAL EXITSIGN(TURN RIGHT)
ADB720	EXIT 1	BOTH SIDE ILLUMINATED FLASHED DIRECTIONAL EXITSIGN (STRAIGHT ON)

Class 670 Symbol Name	Graphical Presentation	Description
ADB721	← EXIT D	BOTH SIDE ILLUMINATED FLASHED DIRECTIONAL EXITSIGN (TURN LEFT)
ADB722	EXIT >	BOTH SIDE ILLUMINATED FLASHED DIRECTIONAL EXITSIGN (TURN RIGHT)
ADB723	ĹŞ	LOUD SPEAKER FOR AUDIO/VISUAL ADVISORY SYSTEM
ADB724	AV	AUDIO/VISUAL ADVISORY SYSTEM CONTROL PANEL
H2OFS	(FE)	H20 FIRE EXTINGUISHER

### **Class 680 - Security, Control, Other Services**

Class 680 Symbol Name	Graphical Presentation	Description
ADB551	Image: square of the square of	VIDEO CABLE CONNECTOR UNIT
ADB552	VMD	VIDEO MOTION DETECTOR
ADB553	T	PHOTOELECTRIC SENSOR (TRANSMITTER)
ADB554	R	PHOTOELECTRIC SENSOR (RECEIVER)
ADB555	KICK	KICK BAR
ADB556		SPEAKER
EMS206		INDUCTION LOOP SYSTEM EQUIPMENT
EMS301	F	FINGERPRINT RECOGNITION DEVICE

Class 680 Symbol Name	Graphical Presentation	Description
EMS302	EAB	ELECTRICAL ARM BARRIER
EMS303	         	LOOP DETECTOR
EMS304		INTERCOM UNIT
EMS305	VI	VIDEO (PHONE) INTERCOM UNIT
EMS306	Tn	TURNSTILE
EMS307	TC	TURNSTILE CONTROL EQUIPMENT
EMS308	AA	ALERT ALARM
EMS309	Do	MAGNETIC DOOR CONTACT
EMS310		INDICATOR

Class 680 Symbol Name	Graphical Presentation	Description
EMS311		ELECTRIC DOOR LOCK
EMS312	R	INFRA-RED RADIATOR

#### **Class 690 – Parts & Accessories**

Class 690 Symbol Name	Graphical Presentation	Description
50TP		15A TPN 5 PIN S.O.
50TPE		15A TPN EXPLOSION S.O.
50TPW		15A TPN 5 PIN WP S.O.
ABOVE	$\otimes$	DN CONDUCTOR FROM ABOVE
AUTS	þ	AUTO-TRANSFORMER MOTOR STARTER
DOLS		DOL MOTOR STARTER
DT		DULL TUBE
EARTH		DN CONDUCTOR TO EARTH
EL	E.L.	EARTHING LUG

Class 690 Symbol Name	Graphical Presentation	Description
EMS401	SI	SYSTEM EQUIPMENT
EMS402	SB	SCOREBOARD
EMS403	Re	RE-SENSITIZING EQUIPMENT
EMS404	De	DE-SENSITIZING EQUIPMENT
EMS405	BT	BOOK DETECTION SYSTEM EQUIPMENT EQUIPMENT
EMS406	DB	DISPLAY BOARD
EMS407	LB	DISPLAY LIGHT BOX
EMS408	IDP	INFORMATION DISPLAY PANEL
EMS409	PD	PLASMA DISPLAY

Class 690 Symbol Name	Graphical Presentation	Description
EMS410	SC	SCOREBOARD CONTROL EQUIPMENT
EMS411	IT	DATA / IT SOCKET
EMS412	Pn	PRINTER / TICKET PRINTER
EMS413	VC	VIDEO CONFERENCING SYSTEM
EMS414	PC	COMPUTER
EMS415	Dm	LIGHT DIMMER CONTROL EQUIPMENT
EMS416	RC	REMOTE CONTROL PANEL
EMS417	MS	MOTORIZED SCREEN
EMS418	PL	PROJECTOR LIFT

Class 690 Symbol Name	Graphical Presentation	Description
EMS419	VP	VIDEO PROJECTOR
EMS420	AV	AUDIO / VISUAL SYSTEM EQUIPMENT
EMS421	IS	ISDN SOCKET
EMS422	Q	QUEUING SYSTEM EQUIPMENT
EMS423	Tm	TIMER / TIMING EQUIPMENT
ETP		EARTHING TEST POINT
FAN1		ROOF EXTRACTION FAN
FCT	THT	FAN CONTROL THERMOSTAT
FS	FS <del>{</del>	FUSE
FSC	×QO	CLOSES ON INCREASING FLOW

Class 690 Symbol Name	Graphical Presentation	Description
FSO	×0 \	OPENS ON INCREASING FLOW
INDUCM	$\begin{pmatrix} M \\ 3 \end{pmatrix}$	INDUCTION MOTOR
JUNBOX		JUNCTION BOX
LK	×2O	FUSE LINK
LLSC	×20	CLOSES ON RISING LEVEL
LLSO	× 0 0	OPENS ON RISING LEVEL
LP	LIGHTNING PROTECTION UNIT	LIGHTNING PROTECTION UNIT
LSC	×0	LIMIT SWITCH MAKE CONTACT
LSO	×0 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	LIMIT SWITCH BREAK CONTACT

Class 690 Symbol Name	Graphical Presentation	Description
LX	Ť	LEVEL ELECTRODE
MCB	$\times$	MCB
MITK	$\times$	MECHANICAL INTERLOCK
NC	ж <del>о о</del>	MAKE CONTACT
NCDB	xD O	MAKE CONTACT WITH DELAYED BREAK
NCDM	×0 0	BREAK CONTACT WITH DELAYED MAKE
NCL	×	BREAK CONTACT-LATCHED
NO	×O O	BREAK CONTACT
NODB	×0	MAKE CONTACT WITH DELAYED BREAK
NODM	× 1 0	BREAK CONTACT WITH DELAYED MAKE
NOL	× 0	MAKE CONTACT-LATCHED
PBBC	×οΤο	PUSH BUTTON BREAK CONTACT

Class 690 Symbol Name	Graphical Presentation	Description
PBBCL	ж <u>т</u>	PUSH BUTTON BREAK CONTACT LATCHED
PBMCL	×>	PUSH BUTTON MAKE CONTACT LATCHED
PE	<del>-</del>	EARTH PLATE
PSC	2 T 0	CLOSES AT RISING TEMPERATURE
PSO	×	OPENS AT RISING PRESSURE
RL	×	RELAY
RLHR		LATCHED RELAY (HAND RESET)
RLL	*	LATCHED RELAY

Class 690 Symbol Name	Graphical Presentation	Description
SDS	× 🛕	STAR-DELTA MOTOR STARTER
STAR		STARTER AND CONTROL PANEL
TELJB		TELEMETRY JUNCTION BOX
THT	×(t°	TEMPERATURE SENSITIVE SWITCH
TMR		TIMING RELAY
TSC	×	CLOSES ON RISING TEMPERATURE
TSO	<u>\$</u> -2-0	OPENS ON RISING TEMPERATURE
TX_DS		3 PHASE TRANSFORMER DELTA-STAR CONNECTED

# **Class 740 - Sanitary FFE**

Class 740 Symbol Name	Graphical Presentation	Description
740BT1		BATH TUB -PLAN
740BT2		BATH TUB – ELEVATION
740SB1		SINK WITH DRAINBOARD – PLAN
740SB2	×	SINK WITH DRAINBOARD – ELEVATION
740SC1		CLEANER SINK – PLAN
740SC2	×	CLEANER SINK – ELEVATION
740SD1		SINK WITH DOUBLE BOWELS – PLAN
740SD2	×	SINK WITH DOUBLE BOWELS – ELEVATION
740SH1	$\triangle$	SHOWER HEAD – PLAN

Class 740 Symbol Name	Graphical Presentation	Description
740SH2	*	SHOWER HEAD – ELEVATION
740SS1		SINK WITH SINGLE BOWEL – PLAN
740SS2	×	SINK WITH SINGLE BOWEL – ELEVATION
740ST1		SINK WITH TRIPLE BOWELS – PLAN
740ST2	×	SINK WITH TRIPLE BOWELS – ELEVATION
740TR1	· ·	SHOWER TRAY – PLAN
740TR2		SHOWER TRAY – ELEVATION
740UR1	Ŏ	URINAL – PLAN
740UR2	×	URINAL – ELEVATION

Class 740 Symbol Name	Graphical Presentation	Description
740UR3	×	URINAL – SIDE ELEVATION
740UR4	$\frac{1}{\sqrt{2}}$	URINAL DIVIDER
740WB1	Ŏ	WASH BASIN – PLAN
740WB2	×	WASH BASIN – ELEVAITON
740WC1	$\bigcirc$	WATER CLOSET – PLAN
740WC2	7	WATER CLOSET – ELEVATION
740WC3	× <del>{</del>	WATER CLOSET – P TRAP – SIDE ELEVATION
740WC4	× ( )	WATER CLOSET – S TRAP – SIDE ELEVATION+E66
740WT1	$\times$	WATER TAP

# $Class\ 800-Ground\ Survey$

Class 800 Symbol Name	Graphical Presentation	Description
BA	<b>/-x−</b>	BARRIERS
ВМ	<b>A</b>	BENCH MARK
ВО	$\triangle$	BOLLARD AT ROAD
BQ	⊗B	BOLLARD AT QUAY
BS	BS	BOUNDARY STONE
BY		BUOY
CD	×	_ CABLE DUCT
CP1	$\overline{\mathbb{X}}$	CATCH PIT
DO	<b>D</b>	DOLPHIN
EP	E *	ELECTRIC POLE
FH	H <u>⊭</u>	FIRE CSHRANT
FN	®	FOUNTAIN
FU	F∐ ≭	FUEL CSHRANT PIT
FX	<b>ж</b> 1-	FENCE AND/OR RAILING
G1	$\boxtimes$	GRATING (1 PT.)
GP	×	GAS PIPE

Class 800 Symbol Name	Graphical Presentation	Description
GU	$\otimes$	GULLY
HD	ж но	HOARDING
HG	Ŏ	HEDGE
HW	×HWM	HIGH WATER MARK
IN	⊗[N	INCLINOMETER TUBE
LB	LB ×	LETTER BOX
LH	☆◆	BEACON/LIGHT HOUSE
LP	L ×	LAMP POST
LT	L[ ≭	TAXIWAY LIGHT
ME	M ∗	MILESTONE
MF	$\times$	MANHOLE FOUL WATER/SEWER
МО	M	MONUMENT/SCULPTURE/STATUE
MS	$\otimes$	MANHOLE STORM WATER
MT	<b>X</b>	MANHOLE TELEPHONE
MW	<b>X</b>	MANHOLE WATERWORKS
NX	× NB	NOISE BARRIER
PZ	ĭ PZ	PIEZOMETER TUBE
RA	R	RESTRICTED ACCESS

Class 800 Symbol Name	<b>Graphical Presentation</b>	Description
SN	⊠ SN	SOIL NAIL
SP	<b></b> SP <b></b>	SIGN POLE
SR	× <b>&gt;</b>	STREAM COURSE/RIVER
SS	×SH	SHRINE_SMALL
STN	<del>                                      </del>	CONTROL STATION
SX	<del>                                      </del>	STEPPED CHANNEL
TE	⊗	TREE
TG	¥ TG	TIDE GAUGE
TI	<b>X</b>	TRAFFIC ISLAND
TL	TL	TRAFFIC LIGHT
TP	⋆T ×	TELEPHONE POLE
TRI	$\triangle$	TRIGONOMETRICAL STATION
UR	(A)	BURIAL URN
VF	<b>⊠</b> F	VALVE FIRE
VG	⊠ G	VALVE GAS
VV		VALVE
VW	⊠ W	VALVE WATERWORKS

Class 800 Symbol Name	Graphical Presentation	Description
WL	$\otimes^{W}$	WELL
WM	×	WATER MAIN
WP	₩ ¥	WATER POINT
WR	<b>×</b> ▼	VERTICAL CUTTING/RETAINING WALL
WX	<b>├</b>	FREE STANDING WALL
XP	X	UNCLASSIFIED DOT/POINT FEATURE

#### **Class 820 - Street Furniture**

Class 820 Symbol Name	Graphical Presentation	Description
ВО		BOLLARD AT ROAD

# Class 830 – Traffic Aids & Markings

Class 830 Symbol Name	Graphical Presentation	Description
EMS501	(A)	OVERHEIGHT VEHICLE DETECTION ALARM (ALARM ON)
EMS502		HORIZONTAL BARRIER
EMS503		VARIABLE MESSAGE SIGN (VMS)
EMS504	⊗ <b></b>	OVERHEIGHT VEHICLE DETECTOR (OHD)
EMS505	(A)	OVERHEIGHT VEHICLE DETECTION ALARM (ALARM OFF)
EMS506	<u>E</u>	EMERGENCY TELEPHONE
EMS507	Ø	TUNNEL CLOSED SIGN (TUNNEL CLOSED)
EMS508	Ø-0-0-0	TRAFFIC CONE
EMS509		TUNNEL CLOSED SIGN (TUNNEL OPENED)
EMS510	000*	TRAFFIC LIGHT SIGNAL
EMS511	<b>(</b>	FLASHING AMBER ON
EMS512		REMOTE CONTROL SIGN
EMS513	<b>√PM</b>	VARIABLE MESSAGE SIGN (VPM)

Class 830 Symbol Name	Graphical Presentation	Description
EMS514	XOX	LANE CONTROL SIGNAL, 3 ASPECT
EMS515	oo	LANE USE SIGNAL WITH FLASHING AMBER (MATRIX SIGN)
EMS516	$\boxtimes$	LANE CONTROL SIGNAL, 1 ASPECT

# Class 840 – Railways

Class 840 Symbol Name	Graphical Presentation	Description
SLEEND		SLEEPER END
XTRAIN	*	TRAIN CROSS SECTION

#### **Class 910 - Boundaries & Enclosures**

Class 910 Symbol Name	Graphical Presentation	Description
FENCE	——  ×	EXISTING FENCING
FENCED	<del></del>	EXISTING FENCE TO BE DEMOLISHED
FENCEP	——  X	PROPOSED FENCING
FENCET	o×	PROPOSED TEMPORARY FENCE
GATEP	<b>→</b>	PROPOSED GATE
HOARD	$\longrightarrow$ H $\longrightarrow$	PROPOSED HOARDING

# **Class 920 - Surface Water Drainage**

Class 920 Symbol Name	Graphical Presentation	Description
550MDC		550 MEDIUM DUTY MANHOLE COVER
BAFWAL	BW	PROPOSED BAFFLE WALL FOR SLOPE CHANNEL
DARR	<b>▶</b>	DRAINAGE FLOW DIRECTION
DGR2		EXISTING GULLY GRATING WITH KERB OVERFLOW WIER
DGR2P		PROPOSED GULLY GRATING WITH KERB OVERFLOW WIERS
DGRI	$\longrightarrow$	EXISTING GULLY GRATING
DGRIP	F <sub>×</sub> 7	PROPOSED GULLY GRATING
DPIPE	$\longrightarrow$	EXISTING DRAIN PIPE
DPIPED	$\longrightarrow$ $\times$	EXISTING DRAIN TO BE DEMOLISHED
DPIPEP	——×	PROPOSED DRAIN PIPE
DSSOL	22	EXISTING SUB-SOIL DRAIN
DSSOLP	×	
DSTEP	<del>    ×</del>	EXISTING STEPPED CHANNEL
DSTEPP	×	PROPOSED STEPPED CHANNEL
DUCHP	UCX	PROPOSED U-CHANNEL
ECPIT		EXISTING CATCHPIT
ESWDPM	o×	EXISTING SWD PIPELINE AND MANHOLE

Class 920 Symbol Name	Graphical Presentation	Description
P100	<b>1</b>	100 DIA. BUDDLE
PCPIT		PROPOSED CATCHPIT
PS_EL1	*	PENSTOCK ELEVATION - TYPE 1
PS_EL2	Ĭ	PENSTOCK ELEVATION - TYPE 2
PS_EL3	Ā	PENSTOCK ELEVATION - TYPE 3
PS_PL1		PENSTOCK PLAN - TYPE 1
PS_PL3		PENSTOCK PLAN - TYPE 3
PSWDPM	O×	PROPOSED SWD PIPELINE AND MANHOLE
RDRAIN	<b>\rightarrow</b>	PROPOSED RAKING DRAIN ON SLOPE
SWDMH	$\bigotimes$	SWD MANHOLE/CHAMBER/SPECIAL MANHOLE

# Class 930 - Sewerage

Class 930 Symbol Name	Graphical Presentation	Description
ERM		EXISTING RISING MAIN
ESMOF	× ###+	EXISTING SUBMARINE OUTFALL
ESPM	$\longrightarrow$	EXISTING SEWER PIPELINE AND MANHOLE
ESTRAP	*	EXISTING SAND TRAP
ETM	■ SEWER	EXISTING TERMINAL MANHOLE
	SWD	
ETPL	<b>✓</b>	EXISTING TAPPING PIPELINE
ETRM	X RN = ===	EXISTING TWIN RISING MAIN
PRM	RM $ imes$	PROPOSED RISING MAIN
PSMOF	ׇ <b>‡</b> ‡ <b>+</b>	PROPOSED SUBMARINE OUTFALL
PSPM	×	PROPOSED SEWER PIPELINE AND MANHOLE
PSTRAP	>	PROPOSED SAND TRAP
PTMH	□ SEWER	PROPOSED TERMINAL MANHOLE
	⊚ SWD	
PTP	×	PROPOSED TAPPING PIPELINE
PTRM	= = RN = = ×	PROPOSED TWIN RISING MAIN
SEWMH	X	SEWER MANHOLE/CHAMBER/SPECIAL MANHOLE

#### **Class 970 - Structures in External Works**

Class 970 Symbol Name	Graphical Presentation	Description
GRAVE	(B)	EXISTING GRAVE
NBP	×— ив — –	PROPOSED NOISE BARRIER

# **Class 980 - Landscaping**

Class 980 Symbol Name	Graphical Presentation	Description
PALM_E	**	PALM TREE - ELEVATION
PALM_P	X	PALM TREE - PLAN
TREE	(X)	EXISTING TREE
TREE_E	$\bigoplus$	TREE - ELEVATION
TREE_P	(x)	TREE - PLAN
TREEF	₩	EXISTING TREE TO BE FELLED
TREEFD	<b>*</b>	EXISTING TREE ALREADY FELLED
TREET	<b>₩</b>	EXISTING TREE TRANSPLANTED

#### **Class 990 - Parts & Accessories**

Class 990 Symbol Name	Graphical Presentation	Description
HR_ELE		HANDRAIL ELEVATION
HR_SEC	*	HANDRAIL SECTION

# Part 2

**CSWP Line-styles** 

#### **Class 110 - Ground**

Class 110 Line-style Name	Graphical Presentation	Description
GBOUND	? ——	GEOLOGICAL BOUNDARY
RHEAD1		ROCK HEAD BOUNDARY
WTABLE		GROUND WATER TABLE LEVEL

### **Class 340 - Secondary Elements to Stairs & Ramps**

Class 340 Line-style Name	Graphical Presentation	Description
HRAIL1	<del></del>	PROPOSED HANDRAILING ON BERM OF SLOPE

# **Class 510 - Water Supply External**

Class 510 Line-style Name	Graphical Presentation	Description
EFWM	FW	EXISTING FRESH WATER MAIN
ESWM	SW	EXISTING SALT WATER MAIN
RWM	<del></del>	RAW WATER MAIN

# **Class 540 - Gases Supply**

Class 540 Line-style Name	Graphical Presentation	Description
GSH		EXISTING HIGH PRESSURE GAS MAIN
GSHAB	<b>→</b>	EXISTING HIGH PRESSURE GAS MAIN ABANDONED
GSHP		PROPOSED HIGH PRESSURE GAS MAIN
GSL	Δ	EXISTING LOW PRESSURE GAS MAIN
GSLAB		EXISTING LOW PRESSURE GAS MAIN ABANDONED
GSLP		PROPOSED LOW PRESSURE GAS MAIN
GSM	Δ	EXISTING MEDIUM PRESSURE GAS MAIN
GSMAB	_//_	EXISTING MEDIUM PRESSURE GAS MAIN ABANDONED
GSMP	<u> </u>	PROPOSED MEDIUM PRESSURE GAS MAIN

# **Class 610 - Electricity Supply**

Class 610 Line-style Name	Graphical Presentation	Description
E11	11kV	EXISTING 11KV ELECTRICITY CABLE
E11AB	-/	EXISTING 11KV ELECTRICITY CABLE ABANDONED
E11P	——— 11kV ———	PROPOSED 11KV ELECTRICITY CABLE
E132	132kV	EXISTING 132KV ELECTRICITY CABLE
E132AB	-/ 132kV/	EXISTING 132KV ELECTRICITY CABLE ABANDONED
E132P	——— 132kV ———	PROPOSED 132KV ELECTRICITY CABLE
E33	33kV	EXISTING 33KV ELECTRICITY CABLE
E33AB		EXISTING 33KV ELECTRICITY CABLE ABANDONED
E33P	——— 33kV ———	PROPOSED 33KV ELECTRICITY CABLE
E400	400kV	EXISTING 400KV ELECTRICITY CABLE
E400AB	-/	EXISTING 400KV ELECTRICITY CABLE ABANDONED
E400P	——— 400kV ———	PROPOSED 400KV ELECTRICITY CABLE
E66	66kV	EXISTING 66KV ELECTRICITY CABLE
E66AB	-/	EXISTING 66KV ELECTRICITY CABLE ABANDONED
E66P	——— 66kV ———	PROPOSED 66KV ELECTRICITY CABLE
EHTC	——— нт ———	EXISTING HIGH TENSION ELECTRICITY CABLE
EHTCAB	—/ /— нт —/ /—	EXISTING HIGH TENSION ELECTRICITY CABLE ABANDONED
EHTCP	——— HT ———	PROPOSED HIGH TENSION ELECTRICITY CABLE
ELTCAB	LT	EXISTING LOW TENSION ELECTRICITY CABLE ABANDONED
ELTCP	——— ц ———	PROPOSED LOW TENSION ELECTRICITY CABLE

# Class 630 - Lighting

Class 630 Line-style Name	Graphical Presentation	Description
DL_PL1	cc	PROPOSED PUBLIC LIGHTING CABLE DIRECT LAID UNDERGROUND
DU_PL1	—— D —— D ——	PROPOSED PUBLIC LIGHTING DUCTING CABLE UNDERGROUND
OH_EL1	OHL	EXISTING PUBLIC LIGHTING OVERHEAD LINE
OH_PL1	——OHL———OHL——	PROPOSED PUBLIC LIGHTING OVERHEAD LINE
PC_EL1		EXISTING PUBLIC LIGHTING CABLE UNDERGROUND
SC_EL1	s	EXISTING PUBLIC LIGHTING UNDERGROUND CABLE WITH SHALLOW DEPTH(<900mm for CARRIAGEWAY & <450mm for PAVEMENT)
WM_EL1		EXISTING WALL MOUNTED PUBLIC LIGHTING CABLE
WM_PL1	——ww———ww——	PROPOSED WALL MOUNTED PUBLIC LIGHTING CABLE

### **Class 640 - Communications**

Class 640 Line-style Name	Graphical Presentation	Description
CATV	CATV	EXISTING WHARF CABLE DUCT
CATVAB	-/	EXISTING WHARF CABLE DUCT ABANDONED
CATVP	——— CATV ———	PROPOSED WHARF CABLE DUCT
CHCL		EXISTING HUTCHISON CABLE DUCT
CHCLAB	-/	EXISTING HUTCHISON CABLE DUCT ABANDONED
CHCLP	——— HCL———	PROPOSED HUTCHISON CABLE DUCT
CHKT	——— нкт ———	EXISTING CABLE & WIRELESS PCCW HKT CABLE DUCT
СНКТАВ		EXISTING CABLE & WIRELESS PCCW HKT CABLE DUCT ABANDONED
CHKTP	——— нкт ———	PROPOSED CABLE & WIRELESS PCCW HKT CABLE DUCT
CNTT	NTT	EXISTING NEW T&T CABLE DUCT
CNTTAB	NTT	EXISTING NEW T&T CABLE DUCT ABANDONED
CNTTP	NTT	PROPOSED NEW T&T CABLE DUCT
CNWT	NWT	EXISTING NEW WORLD CABLE DUCT
CNWTAB	NWT	EXISTING NEW WORLD CABLE DUCT ABANDONED
CNWTP	NWT	PROPOSED NEW WORLD CABLE DUCT

# $Class\ 800-Ground\ Survey$

Class 800 Line-style Name	Graphical Presentation	Description
BA	<b>-</b> ×-	BARRIERS
CD	CD	_ CABLE DUCT
FX	— I —	FENCE AND/OR RAILING
GP	GP	GAS PIPE
HD	HD	HOARDING
HG		HEDGE
HW	HWM	HIGH WATER MARK
NX	NB	NOISE BARRIER
SR	<del></del>	STREAM COURSE/RIVER
SX	<del>──    →   </del>	STEPPED CHANNEL
WM	w	WATER MAIN
WR		VERTICAL CUTTING/RETAINING WALL
WX	-•-	FREE STANDING WALL

#### **Class 910 - Boundaries & Enclosures**

Class 910 Line-style Name	Graphical Presentation	Description
FENCE		EXISTING FENCING
FENCED	<del></del>	EXISTING FENCE TO BE DEMOLISHED
FENCEP	<u> </u>	PROPOSED FENCING
FENCET	0	PROPOSED TEMPORARY FENCE
HOARD	—— н ——	PROPOSED HOARDING

# **Class 920 - Surface Water Drainage**

Class 920 Line-style Name	Graphical Presentation	Description
DPIPED	X	EXISTING DRAIN TO BE DEMOLISHED
DPIPEP		PROPOSED DRAIN PIPE
DSSOL	SS	EXISTING SUB-SOIL DRAIN
DSSOLP	SS	PROPOSED SUB-SOIL DRAIN
DSTEP	++	EXISTING STEPPED CHANNEL
DSTEPP	+	PROPOSED STEPPED CHANNEL
DUCHP	———UC———	PROPOSED U-CHANNEL

### Class 930 - Sewerage

Class 930 Line-style Name	Graphical Presentation	Description
ERM	RM	EXISTING RISING MAIN
PRM	- — — RM — — -	PROPOSED RISING MAIN

#### **Class 970 - Structures in External Works**

Class 970 Line-style Name	Graphical Presentation	Description
NBP	—— NВ ———	PROPOSED NOISE BARRIER