The Government of the Hong Hong Special Administrative Region

Development Bureau

Catalogue of

CSWP Symbols and Line-styles

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Content Part 1 – CSWP Symbols

<u>Discipline</u>		<u>Class</u>	Description
000	GENERAL	050	GENERAL SYMBOLS
		060	HATCHING
100	GROUND, SUB-STRUCTURE	110	GROUND
		120	EARTHWORKS
200	STRUCTURE PRIMARY ELEMENTS	280	BUILDING FRAMES, OTHER PRIM. ELEMENTS
		290	PARTS & ACCESSORIES
300	SECONDARY ELEMENTS	310	SECONDARY ELEMENTS TO WALLS
		340	SECONDARY ELEMENTS TO STAIRS & RAMPS
500	SERVICES, MAINLY PIPED, DUCTED	510	WATER SUPPLY- EXTERNAL
		520	WASTE DISPOSAL, DRAINAGE
		530	LIQUIDS SUPPLY
		540	GASES SUPPLY

Content Part 1 – CSWP Symbols

<u>Discipline</u>		Class	<u>Description</u>
500	SERVICES, MAINLY PIPED, DUCTED	550	SPACE COOLING
		570	AIR-CONDITIONING, VENTILATION
		580	FIRE PROTECTION & FIRE SERVICES OTHER THAN ELECTRICAL
		590	PARTS & ACCESSORIES
600	SERVICES, MAINLY ELECTRICAL	610	ELECTRICITY SUPPLY
		620	POWER
		630	LIGHTING
		640	COMMUNICATIONS
		670	FIRE SERVICES ELECTRICAL
		680	SECURITY, CONTROL, OTHER SERVICES
		690	PARTS & ACCESSORIES
700	FITTINGS, FURNITURE AND EQUIPMENT	740	SANITARY FFE

Content Part 1 – CSWP Symbols

<u>Discipline</u>		Class	<u>Description</u>
800	TRANSPORT INFRASTRUCTURE	800	GROUND SURVEY
		820	STREET FURNITURE
		830	TRAFFIC AIDS & MARKINGS
		840	RAILWAYS
900	EXTERNAL WORKS	910	BOUNDARIES & ENCLOSURES
		920	SURFACE WATER DRAINAGE
		930	SEWERAGE
		970	STRUCTURES IN EXTERNAL WORKS
		980	LANDSCAPING
		990	PARTS & ACCESSORIES

Content Part 2 – CSWP Line-styles

<u>Discipline</u>		Class	Description
100	GROUND, SUB-STRUCTURE	110	GROUND
300	SECONDARY ELEMENTS	340	SECONDARY ELEMENTS TO STAIRS & RAMPS
500	SERVICES, MAINLY PIPED, DUCTED	510	WATER SUPPLY- EXTERNAL
		540	GASES SUPPLY
600	SERVICES, MAINLY ELECTRICAL	610	ELECTRICITY SUPPLY
		630	LIGHTING
		640	COMMUNICATIONS
800	TRANSPORT INFRASTRUCTURE	800	GROUND SURVEY
900	EXTERNAL WORKS	910	BOUNDARIES & ENCLOSURES
		920	SURFACE WATER DRAINAGE
		930	SEWERAGE
		970	STRUCTURES IN EXTERNAL WORKS

Content

Part 3 – Deleted CSWP Symbols

<u>Discipline</u>		Class	Description
100	GROUND, SUB-STRUCTURE	140	TUNNELS
500	SERVICES, MAINLY PIPED, DUCTED	510	WATER SUPPLY- EXTERNAL
		530	LIQUIDS SUPPLY
		590	PARTS & ACCESSORIES
600	SERVICES, MAINLY ELECTRICAL	630	LIGHTING
		640	COMMUNICATIONS
		690	PARTS & ACCESSORIES

Content

Part 4 – Deleted CSWP Line-styles

<u>Discipline</u>		<u>Class</u>	Description
500	SERVICES, MAINLY PIPED, DUCTED	510	WATER SUPPLY- EXTERNAL
600	SERVICES, MAINLY ELECTRICAL	610	ELECTRICITY SUPPLY
900	EXTERNAL WORKS	930	SEWERAGE

Part 1 CSWP Symbols

Symbol Name	Graphical Presentation	Description
050ELE	E4	ORIENTATION OF ELEVATION
	E3< * >E1 E2	
050LM1	12.450	STRUCTURAL LEVEL - GENERAL
050LM2	12.450	FINISHED LEVEL - GENERAL
050LM3	12.450	STRUCTURAL LEVEL
050LM4	12.450(F)	FINISHED LEVEL
050LM5	× 12.450	EXISTING LEVEL
050LM6	12.450	SPECIFIC LEVEL
050LM7	*	CEILING HEIGHT ABOVE F.F.L.
	12.450	

Symbol Name	Graphical Presentation	Description
050MD1	D1 MS005	DETAIL MARK - VERTICAL TOP
050MKD	D1 3 AB	DOOR MARK
050MKF		FINISH MARK
050MKW	(#1)	WINDOW MARK
050MS1	A (25005)	SECTION MARK - VERTICAL TOP FACING LEFT
050NPT		NORTH POINT
ANGLE	*	ANGLE MARK
LCROSS		CROSS FOR DELETION/ABANDONED

Symbol Name	Graphical Presentation	Description
REMOVE	$\underset{*}{\times} \times \times \times \times$	CROSS FOR REMOVED i.e. pipelines to be removed
S1	0 10 20 30 40 50 mm 1 : 1 SCALE BAR	1:1 SCALE BAR mm
S10	0 100 200 300 400 500 mm 1 : 10 SCALE BAR	1:10 SCALE BAR mm
S100	0 1 2 3 4 5 m 1:100 SCALE BAR	1:100 SCALE BAR m
S1000	0 10 20 30 40 50 m 1:1 000 SCALE BAR	1:1000 SCALE BAR m
S10000	0 100 200 300 400 500 m 1 : 10 000 SCALE BAR	1:10000 SCALE BAR m
S125	0 1 2 3 4 5 m 1: 125 SCALE BAR	1:125 SCALE BAR m
S2	0 50 100 mm 1:2 SCALE BAR	1:2 SCALE BAR mm

Symbol Name	Graphical Presentation	Description
S20	0 500 1000 mm 1:20 SCALE BAR	1:20 SCALE BAR mm
S200	0 5 10 m 1: 200 SCALE BAR	1:200 SCALE BAR m
S2000	0 50 100 m 1 : 2 000 SCALE BAR	1:2000 SCALE BAR m
S20000	1 : 20 000 SCALE BAR	1:20000 SCALE BAR m
S25	0 500 1000 mm 1 : 25 SCALE BAR	1:25 SCALE BAR mm
S250	0 5 10 m 1: 250 SCALE BAR	1:250 SCALE BAR m
S5	0 50 100 150 200 250 mm 1 : 5 SCALE BAR	1:5 SCALE BAR mm
S50	0 500 1000 1500 2000 2500 mm 1 : 50 SCALE BAR	1:50 SCALE BAR mm

Symbol Name	Graphical Presentation	Description
S500	0 5 10 15 20 25 m 1 : 500 SCALE BAR	1:500 SCALE BAR m
S5000	0 50 100 150 200 250 m 1 : 5 000 SCALE BAR	1:5000 SCALE BAR m
SEALEV	SEA LEVEL ——————————————————————————————————	SEA LEVEL INDICATOR
TWL	T.W.L.	TOP WATER LEVEL

Symbol Name	Graphical Presentation	Description
060ASP	***************************************	HATCH - ASPHALT / MACADAM
060BLD	*	HATCH - BLOCKBOARD
060BLK	*	HATCH - BLOCK WORK
060BRD	*	HATCH - BOARD
060BRK	*//////	HATCH - BRICK WORK
060CEM	* The second sec	HATCH - PLASTER/ RENDERING/SCREED
060CON	X A A A A	HATCH - CONCRETE WORK
060GLS	*	HATCH - GLASS SHEET

Symbol Name	Graphical Presentation	Description
060GRF	*3888888	HATCH - GRANULAR FILL
060HCL	*090808	HATCH - HARDCORE LARGE SCALE
060HCS	*	HATCH - HARDCORE SMALL SCALE
060INB	***************************************	HATCH - INSULATION BOARD
060INQ	*	HATCH - INSULATION QUILT
060MWK	*	HATCH - METAL WORKS
060PLY	*	HATCH - PLYWOOD
060SSL	***************************************	HATCH - SUBSOIL

Symbol Name	Graphical Presentation	Description
060STO	*//////////////////////////////////////	HATCH - STONEWORK
060TSL	*	HATCH - TOPSOIL
060WDM		HATCH - WOOD MACHINED ALL ROUND
060WDS	*//	HATCH - WOOD SAWN
HSEED1	* · · · · · · · · · · · · · · · · · · ·	HYDROSEEDING FOR SLOPE WORKS
НҮЕМАТ	* + +	HYDROSEEDING WITH EROSION CONTROL MAT FOR SLOPE WORKS
ROCKTR	* (ROCK SLOPE TREATMENT
SPCON1	⋊ (SPRAYED CONCRETE FOR SLOPE WORKS

Symbol Name	Graphical Presentation	Description
SPITCH		STONE PITCHING FOR SLOPE WORKS
STONSP		STONE SURFACE ON SLOPE
TNZONE	* ~ ~	TRANSITION ZONE FOR SLOPE WORKS

Class 110 - GROUND

Symbol Name	Graphical Presentation	Description
110BHN		BORE HOLE - NEW
	Ψ	
	MARK	
110PZP		PIEZOMETER ON PLAN
	T	
	MARK	
110TPN		TRIAL PIT - NEW
	MARK	
COREHO		CORE HOLE
	*	
GBOUND		GEOLOGICAL BOUNDARY
	2	
	* :	
GEOPOB	\wedge	GEO PROBE
	/ * \	
IBRHP		BORE HOLE
	Ť	
ITPITP		TRIAL PIT
	1	

Class 110 - GROUND

Symbol Name	Graphical Presentation	Description
PZRTIP		PIEZOMETER TIP
RHEAD1	* ?/	ROCK HEAD BOUNDARY
SFSTRP	*	SURFACE STRIP
SPZTVL	*	STANDARD PIEZOMETER TIP VALUE
WMARK		GROUND WATER LEVEL MARK
WSPAGE		GROUND WATER SEEPAGE
WTABLE	*	GROUND WATER TABLE LEVEL

Class 120 - EARTHWORKS

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

Class 280 - BUILDING FRAMES, OTHER PRIM. ELEMENTS

Symbol Name	Graphical Presentation	Description
280SDL	DROP 7////	SLAB DROP DIFFERENCE - LEFT
	7///*	
280SDR	7/// DROP	SLAB DROP DIFFERENCE - RIGHT
	*////	

Class 290 - PARTS & ACCESSORIES

Symbol Name	Graphical Presentation	Description
SPRING		SPRING

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 NORMALLY CLOSED
315DS1	* The state of the	SINGLE LEAVE DOOR ANY TYPE
315DS2	*	SINGLE LEAVE DOOR NORMALLY CLOSED

Symbol Name	Graphical Presentation	Description
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 NORMALLY CLOSED
315FD1	*	DOUBLE LEAVE HALF HR S.C. DOOR
315FD2	**	DOUBLE LEAVE 1 HR S.C. DOOR
315FD3	**************************************	DOUBLE LEAVE 2 HR S.C. DOOR
315FD4	* * * * * * * * * * * * * * * * * * *	DOUBLE LEAVE HALF HR S.C. DOOR WITH VIEWING PANEL

Symbol Name	Graphical Presentation	Description
315FD5	* Note that the second	DOUBLE LEAVE 1 HR S.C. DOOR WITH VIEWING PANEL
315FD6	* * * * * * * * * * * * * * * * * * *	DOUBLE LEAVE 2 HR S.C. DOOR WITH VIEWING PANEL
315FS1	X X	SINGLE LEAVE HALF HR S.C. DOOR
315FS2	X X	SINGLE LEAVE 1 HR S.C. DOOR
315FS3	X X	SINGLE LEAVE 2 HR S.C. DOOR
315FS4	X X	SINGLE LEAVE HALF HR S.C. DOOR WITH VIEWING PANEL
315FS5	* A	SINGLE LEAVE 1 HR S.C. DOOR WITH VIEWING PANEL
315FS6	* A	SINGLE LEAVE 2 HR S.C. DOOR WITH VIEWING PANEL

Symbol Name	Graphical Presentation	Description
315REV		REVOLVING DOOR
315SD1	$\overline{\mathbb{X}}$	SLIDING DOOR
315SF1	*	SLIDING/FOLDING END HUNG
315SF2	*	SLIDING/FOLDING CENTRE HUNG

Class 340 - SCEONDARY ELEMENTS TO STAIRS & RAMPS

Symbol Name	Graphical Presentation	Description
HRAIL1		PROPOSED HANDRAILING ON BERM OF SLOPE

Class 510 - WATER SUPPLY-EXTERNAL

Symbol Name	Graphical Presentation	Description
EFWM	* FW —	EXISTING FRESH WATER MAIN
ESWM	*	EXISTING SALT WATER MAIN
RWM	*	RAW WATER MAIN

${\bf Class} \ \ {\bf 520} \ \ \ {\bf - \ WASTE \, DISPOSAL, \, DRAINAGE}$

Symbol Name	Graphical Presentation	Description
RP		RODDING PIT
	RP	

Symbol Name	Graphical Presentation	Description
530CKM		CHECK METER
530LJS		LOOSE JUMPER TYPE STOP COCK
530MTR		WATER METER
530NRV	*	NON-RETURN VALVE
530PUM	*	PUMP SET
530VL1	*	GATE VALVE
530VL2	*	STOP VALVE
ADB001	*	ANGLE VALVE

Symbol Name	Graphical Presentation	Description
ADB002	*	GLOBE VALVE
ADB004		QUICK SHUT OFF VALVE
ADB005	*	3-WAY VALVE
ADB007		DOUBLE REGULATING BALANCING VALVE C/W ORIFICE FOR FLOW MEASUREMENT
ADB008	*	BUTTERFLY VALVE
ADB009	M *	2-WAY ELECTRIC MODULATING VALVE
ADB010		2-WAY ELECTRIC ON/OFF VALVE
ADB011	M *	3-WAY ELECTRIC MODULATING VALVE

Symbol Name	Graphical Presentation	Description
ADB012		3-WAY ELECTRIC ON/OFF VALVE
ADB013	P.R.	PRESSURE RELIEF VALVE
	*	
ADB014		WEIGHT OPERATED VALVE
	*	
ADB015	\bigcap	2-WAY PNEUMATIC ON/OFF VALVE
ADB016	\cap	3-WAY PNEUMATIC ON/OFF VALVE
ADB017		2-WAY PNEUMATIC MODULATING VALVE
ADB018	M	3-WAY PNEUMATIC MODULATING VALVE
	*	
ADB019		STEAM TRAP
	*	

Symbol Name	Graphical Presentation	Description
ADB020	*	BALL FLOAT VALVE
ADB021	*	STRAINER (Y-TYPE)
ADB022	*	STRAINER (BUCKET-TYPE)
ADB023	$\frac{1}{2} \sqrt{\frac{1}{2}} \sqrt{\frac{1}}} \sqrt{\frac{1}{2}} \sqrt{\frac{1}{2}} \sqrt{\frac{1}{2}} \sqrt{\frac{1}2}} \sqrt{\frac{1}2} \sqrt{\frac{1}2}} \sqrt{\frac{1}2} \sqrt{\frac{1}2}} \sqrt{\frac{1}2} \sqrt{\frac{1}2}} \sqrt{\frac{1}2} \sqrt{\frac{1}2}} \frac{1$	FLEXIBLE PIPE CONNECTOR
ADB024	AAV	AUTO AIR RELIEF VALVE
ADB025		DRAIN CORK C/W PLUG
ADB026	* v	AIR BOTTLE WITH HAND VENT
ADB027		WATER CIRCULATING PUMP

Symbol Name	Graphical Presentation	Description
ADB028		SECTION OF PIPE
ADB029	Ø X **	PRESSURE GAUGE WITH COCK
ADB030		COMPOUND GAUGE WITH COCK
ADB031	* (M)	WATER CONSUMPTION METER
ADB032	(FM)	FLOW METER
ADB033	*	FLOW SWITCH
ADB034	Ps	PRESSURE SENSOR

Class 540 - GASES SUPPLY

Symbol Name	Graphical Presentation	Description
ADB029	Ø X *	PRESSURE GAUGE WITH COCK
ADB801	*	MEDICAL VACUUM TERMINAL UNIT
ADB802	* O ₂	MEDICAL OXYGEN TERMINAL UNIT
ADB803	*> CA	MEDICAL COMPRESSED AIR TERMINAL UNIT
ADB804	* N ₂ O	NITROUS-OXIDE TERMINAL UNIT
ADB805	* \	ANAESTHETIC GAS TERMINAL UNIT
ADB806	*-> \\\\	NON-MEDICAL VACUUM TERMINAL UNIT
ADB807	*->NMCA	NON-MEDICAL COMPRESSED AIR TERMINAL UNIT

Class 540 - GASES SUPPLY

Symbol Name	Graphical Presentation	Description
ADB808		PRESSURE RELIEF VALVE
ADB809	*	BALL VALVE
ADB811	*	VACUUM PUMP
ADB812		AIR COMPRESSOR
ADB813		FILTER
ADB814	MGCP	MAIN MEDICAL GAS CONTROL PANEL
ADB815		REMOTE AREA ALARM CONTROL PANEL
ADB816		AREA VALVE SERVICE UNIT C/W PRESSURE ALARM EQUIPMENT

Class 540 - GASES SUPPLY

Symbol Name	Graphical Presentation	Description
GSEND		EXISTING GAS MAIN END
GSH	*	EXISTING HIGH PRESSURE GAS MAIN
GSHAB	*/-/-	EXISTING HIGH PRESSURE GAS MAIN ABANDONED
GSHP	*	PROPOSED HIGH PRESSURE GAS MAIN
GSL	*	EXISTING LOW PRESSURE GAS MAIN
GSLAB	*/-/	EXISTING LOW PRESSURE GAS MAIN ABANDONED
GSLP		PROPOSED LOW PRESSURE GAS MAIN
GSM	Ж Ф	EXISTING MEDIUM PRESSURE GAS MAIN

Class 540 - GASES SUPPLY

Symbol Name	Graphical Presentation	Description
GSMAB	*/-/	EXISTING MEDIUM PRESSURE GAS MAIN ABANDONED
GSMP		PROPOSED MEDIUM PRESSURE GAS MAIN
GSSY		EXISTING GAS SYPHON
GSSYP	*	PROPOSED GAS SYPHON
GSVA		EXISTING GAS VALVE
GSVAP	*	PROPOSED GAS VALVE

Symbol Name	Graphical Presentation	Description
ADB101	*	DIAL METER (FOR MEASURING TEMPERATURE, AMPERE VOLTOMETER ETC.)
ADB102		HOUR RUN METER
ADB103	KJM	ENERGY METER
ADB104		THERMOMETER
ADB105	TS	TEMPERATURE SENSOR
ADB106	T *	ROOM THERMOSTAT
ADB107	H	HUMIDISTAT
ADB108	DDC	DIRECT DIGITAL CONTROL PANEL

Symbol Name	Graphical Presentation	Description
ADB109	MFCC	MULTI-FUNCTIONAL CENTRALIZED CONTROLLER
ADB110	PD	PRESSURE DIFFERENTIAL SWITCH
ADB111	FTC	FIRE TRIP CONTACTOR FOR SHUT DOWN A/C EQUIPMENT
ADB112		PROBE TYPE SMOKE DETECTOR
ADB113	ORP	OXIDATION-REDUCTION- POTENTIAL ANALYZER
ADB114		pH ANALYZER
ADB115	TC	THERMOSTAT & 3-SPEED REGULATOR FOR FAN COIL UNITS
ADB116	TD	3-SPEED REGULATOR FOR FAN COIL UNITS WITH DUCT-TYPE THERMOSTAT

Symbol Name	Graphical Presentation	Description
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		CENTRIFUGAL FAN
ADB121	**/\/\	DUCT HEATER
ADB122		ULTRAVIOLET STERILIZER
ADB123		AIR FILTER
ADB124		BAG FILTER

Symbol Name	Graphical Presentation	Description
ADB125		ACTIVE CARBON FILTER
ADB126		HIGH EFFICIENCY PARTICULATE FILTER
ADB127		ELECTROSTATIC FILTER
ADB128	© (H)	HEATING COIL
ADB129	© ()	COOLING COIL
ADB130	COLXOUR	INDICATOR LAMP, e.g. R=RED, Y=YELLOW, B=BLUE, A=AMBER, W=WHITE, G=GREEN
ADB131		EMERGENCY STOP PUSH BUTTON
ADB132		KEY SWITCH

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
ADB374		MULTI-FUNCTION POWER METER

Symbol Name	Graphical Presentation	Description
ADB201		SECTION OF SUPPLY AIR DUCT
ADB202		SECTION OF RETURN AIR DUCT
ADB203		SECTION OF PRIMARY AIR DUCT
ADB204		SECTION OF EXHAUST AIR DUCT
ADB205		PROPELLER FAN
ADB206		DOMESTIC EXHAUST FAN
ADB207		CASED AXIAL FAN
ADB208	*	CENTRIFUGAL DUCT FAN

Description **Symbol Name Graphical Presentation** ADB209 MOTORISED OPPOSED BLADE TYPE VCD ADB210 CLEANSING POINT IN AIR DUCT AIR SILENCER ADB211 ADB212 DOOR LOUVRE AT TO BE INCLUDED IN BUILDER'S WORKS, e.g. 0.1 sq.m. NETT FREE AREA ADB213 V.A.V BOX, e.g. TYPE A ADB214 AIR CURTAIN e.g. AIR CURTAIN NO. 2 ON 1/F ADB215 FAN COIL UNIT e.g. FAN COIL UNIT NO. 2 ON 1/F ADB216 GRILLE/LOUVRE C/W V.C.D., SQUARE TYPE

Symbol Name	Graphical Presentation	Description
ADB217	TYPE	GRILLE/LOUVRE C/W V.C.D., RECTANGULAR TYPE
ADB218	*	LINEAR AIR DIFFUSER C/W V.C.D., 1-SLOT
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	+	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)

Symbol Name	Graphical Presentation	Description
ADB225	1	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	→	SUPPLY AIR DIFFUSER C/W V.C.D., 4-WAY SQUARE TYPE
ADB228		SUPPLY AIR DIFFUSER C/W V.C.D., 3-WAY SQUARE TYPE
ADB229		SUPPLY AIR DIFFUSER C/W V.C.D., 2-WAY SQUARE TYPE, (TYPE A)
ADB230	<u> </u>	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

Symbol Name	Graphical Presentation	Description
ADB233	DESIGNATION FLOOR	VENTILATION FAN NOTATION e.g. VENTILATING FAN NO.1 ON R/F

Symbol Name	Graphical Presentation	Description
ADB002	*	GLOBE VALVE
ADB003	*	GATE VALVE
ADB004		QUICK SHUT OFF VALVE
ADB006	*	NON-RETURN VALVE
ADB013	P.R.	PRESSURE RELIEF VALVE
ADB020	*	BALL FLOAT VALVE
ADB021	*	STRAINER (Y-TYPE)
ADB023	*/\/\/	FLEXIBLE PIPE CONNECTOR

Symbol Name	Graphical Presentation	Description
ADB024	L _* AAV	AUTO AIR RELIEF VALVE
ADB025		DRAIN CORK C/W PLUG
ADB027		WATER CIRCULATING PUMP
ADB029	Ø X *	PRESSURE GAUGE WITH COCK
ADB032	(FM)	FLOW METER
ADB033	X	FLOW SWITCH
ADB130	COLXOUR	INDICATOR LAMP, e.g. R=RED, Y=YELLOW, B=BLUE, A=AMBER, W=WHITE, G=GREEN
ADB131		EMERGENCY STOP PUSH BUTTON

Symbol Name	Graphical Presentation	Description
ADB132		KEY SWITCH
ADB133		SELECTOR SWITCH
ADB134		PUSH BUTTON (PANEL)
ADB135	DOL	DIRECT-ON-LINE MOTOR STARTER
ADB136	The state of the s	MOTOR STAR-DELTA MOTOR STARTER
ADB137	*	BUZZER
ADB382	X	BUSBAR CHAMBER, MCCB/MCB DISTRIBUTION BOARD
ADB601		PIPE EXPANSION JOINT

Symbol Name	Graphical Presentation	Description
ADB602	LP *	PRESSURE REDUCING VALVE
ADB603	PRVSET	PRESSURE REDUCING VALVE SET
ADB604	P ₁	PRESSURE SWITCH, e.g. P1 = PRESSURE SWITCH NO. 1
ADB605	HWL 3	FLOAT SWITCH
ADB606		FIRE HYDRANT OUTLET (SINGLE OUTLET TYPE)
ADB607	TWIN	FIRE HYDRANT OUTLET (TWIN OUTLET TYPE)
ADB608	LP *H	SELF-CONTAINED PRESSURE REDUCING FIRE HYDRANT OUTLET (SINGLE OUTLET TYPE)
ADB609	H	STREET FIRE HYDRANT (PEDESTAL TYPE)

Symbol Name	Graphical Presentation	Description
ADB610	*	KEY OPERATED U/G ISOLATING VALVE
ADB611	HR	HOSE REEL
ADB612	\times	HOSE REEL (SCHEMATIC)
ADB613	FSI	FIRE SERVICE INLET
ADB614	* FSI	FIRE SERVICES INLET (SCHEMATIC)
ADB615	SPRI	SPRINKLER INLET
ADB616	*DH SPRI	SPRINKLER INLET (SCHEMATIC)
ADB617		SPRINKLER SYSTEM ALARM VALVE SET

Symbol Name	Graphical Presentation	Description
ADB618		SPRINKLER SYSTEM ALARM VALVE SET (SCHEMATIC)
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

Symbol Name	Graphical Presentation	Description
ADB626	*	ORIFICE PLATE
ADB627	RECY	PRE-ACTION/RECYCLING SPRINKLER SYSTEM CONTROL PANE
ADB628	*	DRENCHER SYSTEM NOZZLE, SINGLE LAYER
ADB629	(x)	SPRINKLER HEAD, SINGLE LAYER UNDER FLOOR/CEILING SLAB
ADB630		SPRINKLER HEAD, SINGLE LAYER INSIDE FALSE CEILING
ADB631		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	*	SPRINKLER HEAD, SINGLE LAYER BELOW FLOOR/CEILING SLAB

Symbol Name	Graphical Presentation	Description
ADB634	*93°C	93 DEG. CELCIUS SPRINKLER HEAD, SINGLE LAYER FOR HIGH AMBIENT TEMPERATURE ENVIRONMENT
ADB635	$\mathbb{X}^{\mathbb{N}}$	SPRINKLER HEAD, SINGLE LAYER C/W WATER SHIELD
ADB636	\mathbb{X}^{\square}	DRY SPRINKLER HEAD, SINGLE LAYER
ADB637	S	SIDE WALL SPRINKLER HEAD, SINGLE LAYER
ADB638		NOZZLE FOR GAS FLOODING SYSTEM
ADB639	YODA	YODA ALARM
ADB640		RED FLASHING LIGHT (CEILING MOUNTED) C/W ENGRAVED ENGLISH & CHINESE LETTERS
ADB641	Ę *	RED FLASHING LIGHT (WALL MOUNTED) C/W ENGRAVED ENGLISH & CHINESE LETTERS

Symbol Name	Graphical Presentation	Description
ADB642		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	*	DRY CONTACT
ADB647	* EL	END OF LINE TESTER
ADB648	F&S — * —	FIRE & SMOKE DAMPER
ADB649	F&S *	FIRE & SMOKE DAMPER CONTROL PANEL

Symbol Name	Graphical Presentation	Description
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 ROLLER SHUTTER CONTROL PANEL
ADB656	[∞] 4.5kg CO ₂ F.E.	4.5 kg CARBON DIOXIDE FIRE EXTINGUISHER
ADB657	[®] 91 CO ₂ F.E.	9 LITRE WATER CARBON DIOXIDE FIRE EXTINGUISHER

Symbol Name	Graphical Presentation	Description
ADB658	* SAND	SAND BUCKET
ADB659	® BLANKET	FIRE BLANKET
ADB660	FM200 FM200	AUTOMATIC FM-200 CEILING MOUNTED FIRE EXTINGUISHER (SIZE AS SHOWN IN kg)
ADB661	NAFS-III WEIGHT	AUTOMATIC NAFS-III CEILING MOUNTED FIRE EXTINGUISHER (SIZE AS SHOWN IN kg)

Symbol Name	Graphical Presentation	Description
ADBM01		T-PORT VALVE
ADBM02	R	REMOTE CONTROL QUICK CLOSING GATE VALVE
ADBM03		DOUBLE FOOT VALVE
ADBM04		PRESSURE/VACUUM RELIEF VALVE
ADBM05	*	PRESSURE REDUCING VALVE
ADBM06	*	PRESSURE REDUCING SET
ADBM07	*	HIGH LEVEL CUT OFF VALVE
ADBM08	TC	TEMPERATURE CONTROL VALVE

Symbol Name	Graphical Presentation	Description
ADBM09	***************************************	MOTORISED MODULATING VALVE
ADBM10	***	3-WAY MOTORISED MODULATING VALVE
ADBM11		STEAM TRAP SET
ADBM12		LOCKABLE BRASS SCREW CAP C/W CAPTIVE CHAIN & PADLOCK
ADBM13		QUICK FIX COUPLER
ADBM14		QUICK FIX COUPLER FOR VAPOUR RECOVERY C/W FLAME ARRESTER
ADBM15	*G	EMERGENCY GENERATOR
ADBM16	*	FLEXIBLE HOSE

Symbol Name	Graphical Presentation	Description
ADBM17	×	PIPE REDUCER
ADBM18		VENT HOOD C/W BRASS WIRE MESH AT END
ADBM19	*	PIPE FALL
ADBM20	*	FUNNEL
ADBM21	*	SEPARATOR
ADBM22	*	EXHAUST HEAD C/W DRAIN PIPE
ADBM23		SIGHT GLASS
ADBM24	Ŷ ₁	AUTOMATIC AIR VENT

Symbol Name	Graphical Presentation	Description
ADBM25	T	TEMPERATURE GAUGE
ADBM26	P	PRESSURE GAUGE
ADBM27		LEVEL GAUGE
AV	$\langle x \rangle$	AIR VALVE
DETRI		4000 DIA. DETRITOR
FLOWM		FLOWMETER/WASTE DETECTION METER/DISTRICT METERING METER
FMC	*	FLOW MEASUREMENT CHAMBER
FRV	*	FLOW REGULATING VALVE

Symbol Name	Graphical Presentation	Description
GH	$\bigvee_{\mathbb{X}}$	GROUND FIRE HYDRANT
HDO	*	HEAVY DRAWOFF HYDRANT
LCM		LEAKAGE COLLECTION MANHOLE
LNC		LEAK/NOISE CORRELATION POINT
NRV		NON-RETURN VALVE
РН	*	PEDESTAL FIRE HYDRANT
PRV		PRESSURE REDUCING VALVE
RESIST	*-\\\	RESISTOR

Symbol Name	Graphical Presentation	Description
SNH	*	SWAN NECK HYDRANT
STP	*	STANDPIPE
TSH	*	TWIN SWAN NECK HYDRANT
TWC	×	TEE, WYE, CROSSING
VALVE		BUTTERFLY VALVE/SLUICE VALVE/GATE VALVE/STOP COCK
VEN	\times	VENTURI

Symbol Name	Graphical Presentation	Description
E11	─────────────────────────────────────	EXISTING 11kV ELECTRICITY CABLE
E11AB	*/-/- 11kV/-	EXISTING 11kV ELECTRICITY CABLE ABANDONED
E11P	Ж——— 11kV ———	PROPOSED 11kV ELECTRICITY CABLE
E132	132kV —	EXISTING 132kV ELECTRICITY CABLE
E132AB	*/	EXISTING 132kV ELECTRICITY CABLE ABANDONED
E132P	Ж——— 132kV ———	PROPOSED 132kV ELECTRICITY CABLE
E33	33kV —	EXISTING 33kV ELECTRICITY CABLE
E33AB	*/	EXISTING 33kV ELECTRICITY CABLE ABANDONED

Symbol Name	Graphical Presentation	Description
E33P	Ж—— 33kV ———	EXISTING 33kV ELECTRICITY CABLE
E400	400kV —	EXISTING 400kV ELECTRICITY CABLE
E400AB	*/-/- 400kV/-	EXISTING 400kV ELECTRICITY CABLE ABANDONED
E400P	* 400kV	PROPOSED 400kV ELECTRICITY CABLE
E66	₩ 66kV —	EXISTING 66kV ELECTRICITY CABLE
E66AB	*/	EXISTING 66kV ELECTRICITY CABLE ABANDONED
E66P	Ж—— 66kV ———	PROPOSED 66kV ELECTRICITY CABLE
ECONR	*	EXISTING ELECTRICITY CONTROLLER

Symbol Name	Graphical Presentation	Description
ECONRP	X	PROPOSED ELECTRICITY CONTROLLER
EDPIT		EXISTING ELECTRICITY DRAWPIT
EDPITP		PROPOSED ELECTRICITY DRAWPIT
EHTC	Ж НТ —	EXISTING HIGH TENSION ELECTRICITY CABLE
EHTCAB	₩ <u></u> /	EXISTING HIGH TENSION ELECTRICITY CABLE ABANDONED
ЕНТСР	Ж——— HT ———	PROPOSED HIGH TENSION ELECTRICITY CABLE
EJBOX		EXISTING ELECTRICITY JOINT BOX
EJBOXP	E	PROPOSED ELECTRICITY JOINT BOX

Symbol Name	Graphical Presentation	Description
ELTCAB	*// LT //	EXISTING LOW TENSION ELECTRICITY CABLE ABANDONED
ELTCP	* LT	PROPOSED LOW TENSION ELECTRICITY CABLE
ЕМН	*	EXISTING ELECTRICITY MANHOLE
ЕМНР	*	PROPOSED ELECTRICITY MANHOLE
EPOLE		EXISTING ELECTRICITY POLE
EPOLEP	E *	PROPOSED ELECTRICITY POLE

Class 620 - POWER

Symbol Name	Graphical Presentation	Description
ADB130	COLXOUR	INDICATOR LAMP, e.g. R=RED, Y=YELLOW, B=BLUE, A=AMBER, W=WHITE, G=GREEN
ADB301	900	CEILING FAN, 900mm DIAMETER
ADB302	1200	CEILING FAN, 1200mm DIAMETER
ADB303	1400	CEILING FAN, 1400mm DIAMETER
ADB304	P P	PEDESTAL FAN
ADB305	₩ ₩	WALL MOUNTED FAN
ADB306	R	CEILING MOUNTED ROTARY FAN
ADB307	*	FAN REGULATOR

Class 620 - POWER

Symbol Name	Graphical Presentation	Description
ADB308	T X X X X X X X X X X X X X X X X X X X	WALL CLOCK
ADB309	RAD	RADIATOR
ADB310	CON *	PANEL FIRE
ADB311	1200 **	TUBULAR HEATER 1200mm LONG
ADB312	300 **	TUBULAR HEATER 300mm LONG
ADB313	WH)10	WATER HEATER (10 LITRE)
ADB314	WB	WATER BOILER
ADB315	TU	TEA URN

Class 620 - POWER

Symbol Name	Graphical Presentation	Description
ADB316	COO KER *	HOUSEHOLD ELECTRIC COOKER
ADB317		HAND/FACE DRYER
ADB318	(HP)	HOTPLATE
ADB319	REF	REFRIGERATOR
ADB320	DEH	DEHUMIDIFER
ADB321	RC **	ROOM COOLER
ADB322	(S)	CALL/DOOR BELL PUSH, WALL MOUNTED TYPE
ADB323		CALL BELL PUSH, TABLE TYPE

Symbol Name	Graphical Presentation	Description
ADB324	() *	DOOR BELL PUSH, WATERPROOF TYPE
ADB325	₩ X	CALL/DOOR/CLASS CHANGING BELL
ADB326		INDICATING PANEL WITH BUZZER
ADB327	T	TELEPHONE POINT
ADB328	TV	TELEVISION POINT
ADB361		TRANSFORMER
ADB362	Ğ	GENERATOR
ADB363	The state of the s	AIR CIRCUIT BREAKER

Symbol Name	Graphical Presentation	Description
ADB364		MOULDED CASE CIRCUIT BREAKER
ADB365		AUTOMATIC CHANGEOVER SWITCH
ADB366		SWITCH FUSE
ADB367		SWITCH
ADB368	MCT*	MULTI-CABLE TRANSIT BLOCK
ADB369		OVERLOAD RELAY
ADB370	E/F *	EARTH FAULT RELAY
ADB371	A*	AMMETER

Symbol Name	Graphical Presentation	Description
ADB372	\(\frac{\frac{1}{2}}{2}\)	VOLTMETER
ADB373	PF*	POWER FACTOR METER
ADB374	MPA	MULTI-FUNCTION POWER METER
ADB375	MDU*	MAXIMUM DEMAND UNIT
ADB376		kWH CHECK METER
ADB377		SUPPLY CO'S kWH METER
ADB378		CURRENT TRANSFORMER
ADB379		SELECTOR SWITCH

Symbol Name	Graphical Presentation	Description
ADB380	*	SWITCH, DISCONNECTOR (ISOLATOR) FUSE-SWITCH OR SWITCH-FUSE
ADB381	$\mathbb{Z}_{\mathbb{R}}$	SWITCH, DISCONNECTOR (ISOLATOR) FUSE-SWITCH OR SWITCH-FUSE, WATERPROOF
ADB382	×	BUSBAR CHAMBER, MCCB/MCB DISTRIBUTION BOARD
ADB383		ELECTROMECHANICAL CONTACTOR
ADB384	*666 M	ELECTROMECANICAL CONTACTOR
ADB385	R	RESIDUAL CURRENT-OPERATED CIRCUIT BREAKER
ADB386		EARTH POINT
ADB387		EARTH PIT

Symbol Name	Graphical Presentation	Description
ADB388	BBR	VERTICAL BUSBAR RISER
ADB441	<u>\$</u> 5	SOCKET OUTLET, 5A
ADB442	5	SOCKET OUTLET, 5A SWITCHED
ADB443	*	SOCKET OUTLET, 13A
ADB444	**	SOCKET OUTLET, 13A SWITCHED
ADB445	P *	SOCKET OUTLET, 13A SWITCHED WITH PILOT LIGHT
ADB446	15 *	SOCKET OUTLET, 15A
ADB447	15	SOCKET OUTLET, 15A SWITCHED

Symbol Name	Graphical Presentation	Description
ADB448	P15 **	SOCKET OUTLET, 15A SWITCHED WITH PILOT LIGHT
ADB449	SH	SHAVER SUPPLY UNIT
ADB450	*	SOCKET OUTLET, 3 PIN, 13A, WATERPROOF
ADB451	<u>30</u>	SOCKET OUTLET, 30A, 5 PIN
ADB452	60 **	SOCKET OUTLET, 60A, 5 PIN
ADB453		FUSED CONNECTION UNIT, 2A
ADB454	S	FUSED SPUR UNIT, 13A
ADB455	SP	FUSED SPUR UNIT WITH PILOT LIGHT, 13A

Symbol Name	Graphical Presentation	Description
ADB456	SP	FUSED SPUR UNIT WITH PILOT LIGHT, 13A, SWITCHED
ADB457		INSULATED TERMINAL BLOCK, 30A
ADB458	₩ *	COOKER CONTROL UNIT, 45A
ADB501	SERVICES	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

Symbol Name	Graphical Presentation	Description
ADB506	300 **	300 x 300 ADAPTABLE BOX
ADB571	TDP6	600 x 600 TEMPORARY CABLE DRAW PIT
ADB572	TDP9 *	900 x 900 TEMPORARY CABLE DRAW PIT
ADB573	DP6*	600 x 600 CABLE DRAW PIT
ADB574	DP9 *	900 x 900 CABLE DRAW PIT

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	15	LIGHTING SWITCH, 15A, ONE-WAY
ADB346	15	LIGHTING SWITCH, 15A, TWO-WAY
ADB347	15	LIGHTING SWITCH, 15A, ONE-WAY, WATERPROOF
ADB348	15	LIGHTING SWITCH, 15A, TWO- WAY, WATERPROOF

Symbol Name	Graphical Presentation	Description
ADB349	S	LIGHTING SWITCH, 10A, ONE-WAY SPARKLESS
ADB350		TIME SWITCH
ADB351	P	SWITCH, 20A, DP WITH PILOT LIGHT
ADB352	PC*	PHOTOCELL
ADB401		WALL MOUNTED LIGHTING POINT
ADB402	(*)	CEILING MOUNTED LIGHTING POINT
ADB403	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	WALL MOUNTED RED INDICATING LAMP
ADB404	*	SPOT LIGHT

Symbol Name	Graphical Presentation	Description
ADB405	*	WALL MOUNTED LIGHTING POINT, TWO ARM
ADB406	*	FLOODLIGHTING POINT
ADB407		LAMP POLE FOR STREET/ROAD/EXTERNAL LIGHTING
ADB408	<u> </u>	FLUORESCENT LUMINAIRE, 600mm SINGLE
ADB409	*	FLUORESCENT LUMINAIRE, 600mm TWIN
ADB410	 	FLUORESCENT LUMINAIRE, 1200mm SINGLE
ADB411	*	FLUORESCENT LUMINAIRE, 1200mm TWIN
ADB412	 	FLUORESCENT LUMINAIRE, 1500mm SINGLE

Symbol Name	Graphical Presentation	Description
ADB413	*	FLUORESCENT LUMINAIRE, 1500mm TWIN
ADB414	*	FLUORESCENT LIGHTING PANEL, 600x300mm
ADB415	*	FLUORESCENT LIGHTING PANEL, 600x600mm
ADB416	*	FLUORESCENT LIGHTING PANEL, 1200x300mm
ADB417	*	FLUORESCENT LIGHTING PANEL, 1200x600mm
ADB418	*	FLUORESCENT LUMINAIRE, 600mm SINGLE, WALL MOUNTED
ADB419	 	FLUORESCENT LUMINAIRE, 600mm TWIN, WALL MOUNTED
ADB420	*	FLUORESCENT LUMINAIRE, 1200mm SINGLE, WALL MOUNTED

Symbol Name	Graphical Presentation	Description
ADB421	*	FLUORESCENT LUMINAIRE, 1200mm TWIN, WALL MOUNTED
ADB422		FLUORESCENT LUMINAIRE, 1500mm SINGLE, WALL MOUNTED
ADB423	*	FLUORESCENT LUMINAIRE, 1500mm TWIN, WALL MOUNTED
ALPP		AREA LIGHT POINT (POLE MOUNT)
BHLGHT	BIL	BULKHEAD LIGHT
BO_E01	(BOLLARD No.)	EXISTING BOLLARD
BO_P01	(BOLLARD No.)	PROPOSED BOLLARD
CG_E01		EXISTING TERMINATION

Symbol Name	Graphical Presentation	Description
CG_P01	*	PROPOSED TERMINATION
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	*	PROPOSED PUBLIC LIGHTING CABLE DIRECT LAID UNDERGROUND
DP_E01		EXISTING LIGHTING DRAWPIT
DP_P01		PROPOSED LIGHTING DRAWPIT

Symbol Name	Graphical Presentation	Description
DS_E01	D.S. (D.S. No.)	EXISTING DIRECTIONAL SIGN
DS_P01	D.S. (D.S. No.)	PROPOSED DIRECTIONAL SIGN
DU_PL1	*	PROPOSED PUBLIC LIGHTING DUCTING CABLE UNDERGROUND
EP_E01	E *	EXISTING LIGHTING EARTHPIT
EP_P01	E [*]	PROPOSED LIGHTING EARTHPIT
F3TP	*	FLOURESCENT LIGHTING PANEL, TRIPLE TUBES
FL_E01	(LAMP No.)	EXISTING FLOURESCENT LAMP
FL_P01	(LAMP TYPE No.)	PROPOSED FLOURESCENT LAMP

Symbol Name	Graphical Presentation	Description
GS_EL1	00	EXISTING GANTRY SIGN
	G.S. (G.S.No.)	
	(G.S.NO.)	
GS_PL1	0.0	PROPOSED GANTRY SIGN
	G.S. (G.S.No.)	
	(G.S.No.)	
HBLGHT		HIGHBAY LIGHT
LTG2	K - 7	EMERGENCY LIGHT
	0 0	
	*	
NO_E01	NIO	EXISTING NORMAL OPEN POINT
	**	
NO_P01	NIO	PROPOSED NORMAL OPEN POINT
OH_EL1		EXISTING PUBLIC LIGHTING OVERHEAD LINE
	Ж OHL	
OH_PL1		PROPOSED PUBLIC LIGHTING OVERHEAD LINE
	Ж——— ОНL ———	OVERHEAD LINE
	VII.	

Symbol Name	Graphical Presentation	Description
PC_EL1	*	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_E04		EXISTING DOUBLE ARM PUBLIC LIGHT UNDER BRIDGE
PL_E05		EXISTING STAGGER PUBLIC LIGHT
PL_E06	₩ P.T.	EXISTING POST TOP PUBLIC LIGHTING
PL_P01	(LAMP TYPE No.)	PROPOSED SINGLE ARM PUBLIC LIGHT

Symbol Name	Graphical Presentation	Description
PL_P02	OMO (LAMP TYPE No.)	PROPOSED DOUBLE ARM PUBLIC LIGHT
PL_P03	★ (LAMP TYPE No.)	PROPOSED PUBLIC LIGHT UNDER BRIDGE
PL_P04	©★® (LAMP TYPE No.)	PROPOSED DOUBLE ARM PUBLIC LIGHT UNDER BRIDGE
PL_P05	O∭ (LAMP TYPE No.)	PROPOSED STAGGER PUBLIC LIGHT
PL_P06	P.T. ∰ (LAMP TYPE No.)	PROPOSED POST TOP PUBLIC LIGHTING
SC_EL1	*s	EXISTING PUBLIC LIGHTING UNDERGROUND CABLE WITH SHALLOW DEPTH(<900mm for CARRIAGEWAY & <450mm for PAVEMENT)
SD_EL1	₩ DE1	EXTG PL CROSS RD DUCT 1NO
SD_EL2	₩ DE2 ———	EXTG PL CROSS RD DUCT 2NOS

Symbol Name	Graphical Presentation	Description
SD_EL3	₩ DE3	EXTG PL CROSS RD DUCT 3NOS
SD_EL4	₩ DE4	EXTG PL CROSS RD DUCT 4NOS
SD_EL5	₩ DE5	EXTG PL CROSS RD DUCT 5NOS
SD_PL1	Ж DPn — — —	PROPOSED PL CROSS RD DUCT
SL_E01		EXISTING SOFFIT LIGHT
SL_P01	(LAMP TYPE No.)	PROPOSED SOFFIT LIGHT
SLPP		SECURITY LIGHT POINT (POLE MOUNT)
SLPW		SECURITY LIGHT POINT

Symbol Name	Graphical Presentation	Description
SS_EL1	★ SE1	EXTG SHALLOW X RD DUCT 1NO
SS_EL2	★ SE2	EXTG SHALLOW X RD DUCT 2NO
SS_EL3	★ SE3	EXTG SHALLOW X RD DUCT 3NO
SS_EL4	★ SE4	EXTG SHALLOW X RD DUCT 4NO
SS_EL5	★ SE5	EXTG SHALLOW X RD DUCT 5NO
SS_PL1	※ SPn ─── ───	PROP SHALLOW X ROAD DUCT
SU_EL1	*	SUSPECTED ROUTING UG
WM_E01	W.M. (LAMP No.)	EXISTING WALL MOUNTED LIGHT

Symbol Name	Graphical Presentation	Description
WM_EL1	₩	EXISTING WALL MOUNTED PUBLIC LIGHTING CABLE
WM_P01	W.M.	PROPOSED WALL MOUNTED LIGHT
WM_PL1	*wm	PROPOSED WALL MOUNTED PUBLIC LIGHTING CABLE

Symbol Name	Graphical Presentation	Description
ADB521	KBJ **	KEYBOARD C/W JOYSTICK FOR MATRIX SWITCHER
ADB522	MONITOR_SIZE	COLOUR CCTV MONITOR (SIZE AS SHOWN)
ADB523	VDU **	COLOUR MONITOR FOR COMPUTER SYSTEM
ADB524	R	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	X	CEILING/WALL MOUNTED COLOUR CCD CAMERA AT HIGH LEVEL

Symbol Name	Graphical Presentation	Description
ADB529	CARD	WALL MOUNTED CARD READER C/W KEYPAD AT 1130mm ABOVE FINISHED FLOOR LEVEL
ADB530		KEYBOARD FOR SECURITY SYSTEM
ADB531		EXIT CONTROL LOCK WITH REMOTE SIGNAL INDICATION
ADB532	P	LOCKING TYPE DURRESS BUTTON
ADB533	BREAK	GLASS BREAK DETECTOR
ADB534		ELECTRIC DOOR STRIKE
ADB535		PAN/TILT RECEIVER
ADB536		VIDEO DISTRIBUTION AMPLIFIER

Symbol Name	Graphical Presentation	Description
ADB537		LOCAL CONTROL UNIT (NOS. TO SUIT EQUIPMENT OFFERED)
ADB538	DIAL	TELEPHONE TRANSMITTER
ADB539		16 WAY VIDEO MULTIPLEXER
CATV	CATV	EXISTING WHARF CABLE DUCT
CATVAB	-/ CATV/	EXISTING WHARF CABLE DUCT ABANDONED
CATVP	* CATV	PROPOSED WHARF CABLE DUCT
CCAB		EXISTING CABLE & WIRELESS PCCW HKT CABINET
ССАВР		PROPOSED CABLE & WIRELESS PCCW HKT CABINET

Symbol Name	Graphical Presentation	Description
CDPIT		EXISTING TELEPHONE DRAWPIT
CDPITP		PROPOSED TELEPHONE DRAWPIT
CHCL	——————————————————————————————————————	EXISTING HUTCHISON CABLE DUCT
CHCLAB		EXISTING HUTCHISON CABLE DUCT ABANDONED
CHCLP	₩ HCL	PROPOSED HUTCHISON CABLE DUCT
СНКТ	——————————————————————————————————————	EXISTING CABLE & WIRELESS PCCW HKT CABLE DUCT
СНКТАВ	-/	EXISTING CABLE & WIRELESS PCCW HKT CABLE DUCT ABANDONED
СНКТР	Ж——— HKT———	PROPOSED CABLE & WIRELESS PCCW HKT CABLE DUCT

Symbol Name	Graphical Presentation	Description
СЈВОХ		EXISTING TELEPHONE JOINT BOX
CJBOXP	*	PROPOSED TELEPHONE JOINT BOX
СМН	X	EXISTING TELEPHONE MANHOLE
СМНР	X X	PROPOSED TELEPHONE MANHOLE
CNTT	— тт — Ж	EXISTING NEW T&T CABLE DUCT
CNTTAB	-/NTT/	EXISTING NEW T&T CABLE DUCT ABANDONED
CNTTP	* NTT	PROPOSED NEW T&T CABLE DUCT
CNWT		EXISTING NEW WORLD CABLE DUCT

Symbol Name	Graphical Presentation	Description
CNWTAB		EXISTING NEW WORLD CABLE DUCT ABANDONED
CNWTP	ж—— NWT ———	PROPOSED NEW WORLD CABLE DUCT
CPOLE		EXISTING CABLE & WIRELESS PCCW HKT POLE
CPOLEP	(*)	PROPOSED CABLE & WIRELESS PCCW HKT POLE
EMS102	TV **	TELEVISION / MONITOR
EMS103		PAN/TILT/ZOOM TYPE CCTV CAMERA
EMS104	*CC	CCTV SYSTEM EQUIPMENT
EMS105	Mo	MOTION DETECTOR

Symbol Name	Graphical Presentation	Description
EMS106		WEATHERPROOF & DOME TYPE
EMS107		DOME TYPE CCTV CAMERA
EMS108	*	WEATHERPROOF TYPE CCTV CAMERA
EMS109		CCTV CAMERA
EMS110		PAN/TILT TYPE CCTV CAMERA
EMS201	\mathbb{H}	HEADSET / HEADPHONE
EMS202	*	SPEAKER
EMS203	*H	HORN SPEAKER

Symbol Name	Graphical Presentation	Description
EMS204		VOLUME CONTROL PANEL
EMS205	PA	PA SYSTEM EQUIPMENT
EMS207	*A	ANTENNA
EMS208		WEATHERPROOF TYPE MICROPHONE
EMS209	* M	MICROPHONE
EMS210		CEILING / FALSE CEILING SPEAKER
EMS211	*	WEATHERPROOF TYPE SPEAKER
EMS213		HANGING / FLOOR STANDING

Symbol Name	Graphical Presentation	Description
EMS214		CCTV CAMERA MOUNTING POLE
EMS215	So	SOUND SYSTEM EQUIPMENT

Symbol Name	Graphical Presentation	Description
ADB701		COMBINATION TYPE HEAT DETECTOR, SINGLE LAYER UNDER CEILING/FLOOR SLAB
ADB702		COMBINATION TYPE HEAT DETECTOR, SINGLE LAYER INSIDE FALSE CEILING
ADB703	T	RATE OF RISE TEMPERATURE HEAT DETECTOR, SINGLE LAYER
ADB704	E	INTRINSICALLY SAFE HEAT DETECTOR, SINGLE LAYER UNDER CEILING/FLOOR SLAB
ADB705	P	FIRE RESISTANT HEAT DETECTOR FOR RECYCLING SPRINKLER SYSTEM, SINGLE LAYER, UNDER CEILING/FLOOR SLAB
ADB706	P	FIRE RESISTANT HEAT DETECTOR FOR RECYCLING SPRINKLER SYSTEM, SINGLE LAYER, INSIDE FALSE CEILING
ADB707	8	SMOKE DETECTOR, SINGLE LAYER UNDER CEILING/FLOOR SLAB
ADB708	8 E	INTRINSICALLY SAFE SMOKE DETECTOR, SINGLE LAYER UNDER CEILING/FLOOR SLAB

Symbol Name	Graphical Presentation	Description
ADB709	8	SMOKE DETECTOR, SINGLE LAYER INSIDE FALSE CEILING
ADB710	& H	SMOKE DETECTOR, SINGLE LAYER C/W ANTI-CONDENSATION HEATER & WIND SHIELD
ADB711	₩ X	REMOTE INDICATION LIGHT AT H/L
ADB712	₩ *	REMOTE INDICATION LIGHT AT H/L (WEATHERPROOF TYPE)
ADB713	*	BREAK GLASS UNIT
ADB714		150mm DIA. FIRE ALARM BELL
ADB715	THE REPORT OF THE PARTY OF THE	250mm DIA. WEATHERPROOF MASTER FIRE ALARM BELL
ADB716	EXIT	EXIT SIGN

Symbol Name	Graphical Presentation	Description
ADB717	EXIT	FLASHED DIRECTIONAL EXITSIGN (STRAIGHT ON)
ADB718	- EXIT	FLASHED DIRECTIONAL EXITSIGN(TURN LEFT)
ADB719	$\mathbb{E} \times \mathbb{I} \rightarrow$	FLASHED DIRECTIONAL EXITSIGN(TURN RIGHT)
ADB720	EXIT	BOTH SIDE ILLUMINATED FLASHED DIRECTIONAL EXITSIGN (STRAIGHT ON)
ADB721	← EXIT D	BOTH SIDE ILLUMINATED FLASHED DIRECTIONAL EXITSIGN (TURN LEFT)
ADB722	EXIT >	BOTH SIDE ILLUMINATED FLASHED DIRECTIONAL EXITSIGN (TURN RIGHT)
ADB723	LS	LOUD SPEAKER FOR AUDIO/VISUAL ADVISORY SYSTEM
ADB724	AV *	AUDIO/VISUAL ADVISORY SYSTEM CONTROL PANEL

Symbol Name	Graphical Presentation	Description
H2OFS	(FE)	H2O FIRE EXTINGUISHER

Class 680 - SECURITY, CONTROL, OTHER SERVICES

Symbol Name	Graphical Presentation	Description
ADB551		VIDEO CABLE CONNECTOR UNIT
ADB552		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 - SECURITY, CONTROL, OTHER SERVICES

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

Class 680 - SECURITY, CONTROL, OTHER SERVICES

Symbol Name	Graphical Presentation	Description
EMS310	*Id	INDICATOR
EMS311	DL	ELECTRIC DOOR LOCK
EMS312	IR	INFRA-RED RADIATOR

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	*	DN CONDUCTOR FROM ABOVE
AUTS	*	AUTO-TRANSFORMER MOTOR STARTER
DOLS	*	DOL MOTOR STARTER
DT	*	DULL TUBE
EARTH		DN CONDUCTOR TO EARTH

Symbol Name	Graphical Presentation	Description
EL		EARTHING LUG
EMS401	SI *	SYSTEM EQUIPMENT
EMS402	SB	SCOREBOARD
EMS403	Re	RE-SENSITIZING EQUIPMENT
EMS404	De	DE-SENSITIZING EQUIPMENT
EMS405	BT **	BOOK DETECTION SYSTEM EQUIPMENT
EMS406	MDB WITH THE PROPERTY OF THE P	DISPLAY BOARD
EMS407	LB **	DISPLAY LIGHT BOX

Symbol Name	Graphical Presentation	Description
EMS408	[IDP]	INFORMATION DISPLAY PANEL
EMS409	*PD	PLASMA DISPLAY
EMS410	*SC	SCOREBOARD CONTROL EQUIPMENT
EMS411		DATA / IT SOCKET
EMS412	\[P\]	PRINTER / TICKET PRINTER
EMS413	*VC	VIDEO CONFERENCING SYSTEM
EMS414	*PC	COMPUTER
EMS415	Dm	LIGHT DIMMER CONTROL EQUIPMENT

Symbol Name	Graphical Presentation	Description
EMS416	RC	REMOTE CONTROL PANEL
EMS417	MS	MOTORIZED SCREEN
EMS418	PL	PROJECTOR LIFT
EMS419	WP.	VIDEO PROJECTOR
EMS420	AV	AUDIO / VISUAL SYSTEM EQUIPMENT
EMS421	*IS	ISDN SOCKET
EMS422	Q X	QUEUING SYSTEM EQUIPMENT
EMS423	Tm	TIMER / TIMING EQUIPMENT

Symbol Name	Graphical Presentation	Description
ЕТР		EARTHING TEST POINT
FAN1		ROOF EXTRACTION FAN
FCT	* THT	FAN CONTROL THERMOSTAT
FS	FS *	FUSE
FSC	***************************************	CLOSES ON INCREASING FLOW
FSO	***************************************	OPENS ON INCREASING FLOW
INDUCM	$\frac{1}{3}$	INDUCTION MOTOR
JUNBOX		JUNCTION BOX

Symbol Name	Graphical Presentation	Description
LK	× C	FUSE LINK
LLSC	*OO	CLOSES ON RISING LEVEL
LLSO	***************************************	OPENS ON RISING LEVEL
LPU	LIGHTNING PROTECTION UNIT	LIGHTNING PROTECTION UNIT
LSC	*	LIMIT SWITCH MAKE CONTACT
LSO	*	LIMIT SWITCH BREAK CONTACT
LX		LEVEL ELECTRODE
МСВ	*	МСВ

Symbol Name	Graphical Presentation	Description
MITK	*	MECHANICAL INTERLOCK
NC	*	MAKE CONTACT
NCDB	*	MAKE CONTACT WITH DELAYED BREAK
NCDM	*	BREAK CONTACT WITH DELAYED MAKE
NCL	*	BREAK CONTACT-LATCHED
NO	* 0	BREAK CONTACT
NODB	*	MAKE CONTACT WITH DELAYED BREAK
NODM	*	BREAK CONTACT WITH DELAYED MAKE

Symbol Name	Graphical Presentation	Description
NOL	* 0	MAKE CONTACT-LATCHED
PBBC	*	PUSH BUTTON BREAK CONTACT
PBBCL	*	PUSH BUTTON BREAK CONTACT LATCHED
PBMCL	* 0	PUSH BUTTON MAKE CONTACT LATCHED
PE	*	EARTH PLATE
PSC	XO	CLOSES AT RISING TEMPERATURE
PSO	*	OPENS AT RISING PRESSURE
RL	X	RELAY

Symbol Name	Graphical Presentation	Description
RLHR		LATCHED RELAY (HAND RESET)
RLL	*	LATCHED RELAY
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

Symbol Name	Graphical Presentation	Description
TSO		OPENS ON RISING TEMPERATURE
TX_DS	*4	3 PHASE TRANSFORMER DELTA- STAR CONNECTED

Symbol Name	Graphical Presentation	Description
740BT1		BATH TUB -PLAN
740BT2		BATH TUB - ELEVATION
740SB1	P	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

Symbol Name	Graphical Presentation	Description
740SH1		SHOWER HEAD - PLAN
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

Symbol Name	Graphical Presentation	Description
740UR1	* The state of the	URINAL - PLAN
740UR2		URINAL - ELEVATION
740UR3		URINAL - SIDE ELEVATION
740UR4		URINAL DIVIDER
740WB1	*	WASH BASIN - PLAN
740WB2	*	WASH BASIN - ELEVAITON
740WC1		WATER CLOSET - PLAN
740WC2		WATER CLOSET - ELEVATION

Symbol Name	Graphical Presentation	Description
740WC3	* T	WATER CLOSET - P TRAP - SIDE ELEVATION
740WC4	*C	WATER CLOSET - S TRAP - SIDE ELEVATION+E66
740WT1	*	WATER TAP

Symbol Name	Graphical Presentation	Description
BA	*	BARRIERS
BM		BENCH MARK
ВО	× X	BOLLARD AT ROAD
BQ	B	BOLLARD AT QUAY
BS	B*S	BOUNDARY STONE
BY		BUOY
CD	*	CABLE DUCT
CP1	\mathbb{X}	CATCH PIT

Symbol Name	Graphical Presentation	Description
DO		DOLPHIN
EP	E	ELECTRIC POLE
	⊗	
FH		FIRE HYDRANT
FN	*	FOUNTAIN
FU	FU	FUEL HYDRANT PIT
	₩	
FX	*	FENCE AND/OR RAILING
G1	*	GRATING (1 PT.)
GP	* GP — —	GAS PIPE

Symbol Name	Graphical Presentation	Description
GU	(*)	GULLY
HD	Ж HD	HOARDING
HG	*	HEDGE
HW	*	HIGH WATER MARK
IN	(*)	INCLINOMETER TUBE
LB	LB •	LETTER BOX
LH		BEACON/LIGHT HOUSE
LP		LAMP POST

Symbol Name	Graphical Presentation	Description
LT		TAXIWAY LIGHT
	₩	
ME		MILESTONE
MF	*	MANHOLE FOUL WATER/SEWER
МО		MONUMENT/SCULPTURE/STATUE
MS	(*)	MANHOLE STORM WATER
MT	X	MANHOLE TELEPHONE
MW	A	MANHOLE WATERWORKS
NX	₩ NB —	NOISE BARRIER

Symbol Name	Graphical Presentation	Description
PZ		PIEZOMETER TUBE
RA		RESTRICTED ACCESS
SN	\times	SOIL NAIL
SP	SP	SIGN POLE
SR	*	STREAM COURSE/RIVER
SS	SH	SHRINE_SMALL
STN		CONTROL STATION
SX	* 11 > 11 - 1	STEPPED CHANNEL

Symbol Name	Graphical Presentation	Description
TE		TREE
TG	TG	TIDE GAUGE
TI		TRAFFIC ISLAND
TL	T_L	TRAFFIC LIGHT
TP		TELEPHONE POLE
TRI	*	TRIGONOMETRIC STATION
UR		BURIAL URN
VF	*	VALVE FIRE

Symbol Name	Graphical Presentation	Description
VG	*	VALVE GAS
VV	*	VALVE
VW	\times	VALVE WATERWORKS
WL	\otimes	WELL
WM	* w	WATER MAIN
WP		WATER POINT
WR	*	VERTICAL CUTTING/RETAINING WALL
WX	*	FREE STANDING WALL

Symbol Name	Graphical Presentation	Description
XP		UNCLASSIFIED DOT/POINT FEATURE

Class 820 - STREET FURNITURE

Symbol Name	Graphical Presentation	Description
ВО	× ×	BOLLARD AT ROAD

Class 830 - TRAFFIC AIDS & MARKINGS

Symbol Name	Graphical Presentation	Description
EMS501		OVERHEIGHT VEHICLE DETECTION ALARM (ALARM ON)
EMS502		HORIZONTAL BARRIER
EMS503	¥VMS	VARIABLE MESSAGE SIGN (VMS)
EMS504	≫	OVERHEIGHT VEHICLE DETECTOR (OHD)
EMS505		OVERHEIGHT VEHICLE DETECTION ALARM (ALARM OFF)
EMS506	EA	EMERGENCY TELEPHONE
EMS507		TUNNEL CLOSED SIGN (TUNNEL CLOSED)
EMS508	₩-0-0-0	TRAFFIC CONE

Class 830 - TRAFFIC AIDS & MARKINGS

Symbol Name	Graphical Presentation	Description
EMS509		TUNNEL CLOSED SIGN (TUNNEL OPENED)
EMS510	000	TRAFFIC LIGHT SIGNAL
EMS511		FLASHING AMBER ON
EMS512		REMOTE CONTROL SIGN
EMS513	*VPM	VARIABLE MESSAGE SIGN (VPM)
EMS514	*	LANE CONTROL SIGNAL, 3 ASPECT
EMS515		LANE USE SIGNAL WITH FLASHING AMBER (MATRIX SIGN)
EMS516		LANE CONTROL SIGNAL, 1 ASPECT

Class 840 - RAILWAYS

Symbol Name	Graphical Presentation	Description
SLEEND	X	SLEEPER END
XTRAIN		TRAIN CROSS SECTION

Class 910 - BOUNDARIES & ENCLOSURES

Symbol Name	Graphical Presentation	Description
FENCE	——————————————————————————————————————	EXISTING FENCING
FENCED	——————————————————————————————————————	EXISTING FENCE TO BE DEMOLISHED
FENCEP	———— *	PROPOSED FENCING
FENCET	———— 0 *	PROPOSED TEMPORARY FENCE
GATEP	- -	PROPOSED GATE
HOARD	—— Н ——Ж	PROPOSED HOARDING

Symbol Name	Graphical Presentation	Description
550MDC		550 MEDIUM DUTY MANHOLE COVER
BAFWAL		PROPOSED BAFFLE WALL FOR SLOPE CHANNEL
DARR	\times	DRAINAGE FLOW DIRECTION
DGR2	×	EXISTING GULLY GRATING WITH KERB OVERFLOW WIER
DGR2P	×	PROPOSED GULLY GRATING WITH KERB OVERFLOW WIERS
DGRI	*	EXISTING GULLY GRATING
DGRIP	*	PROPOSED GULLY GRATING
DPIPE		EXISTING DRAIN PIPE

Symbol Name	Graphical Presentation	Description
DPIPED		EXISTING DRAIN TO BE DEMOLISHED
DPIPEP		PROPOSED DRAIN PIPE
		
DSSOL		EXISTING SUB-SOIL DRAIN
DSSOLP		PROPOSED SUB-SOIL DRAIN
	ss	
DSTEP		EXISTING STEPPED CHANNEL
	- *	
DSTEPP		PROPOSED STEPPED CHANNEL
	*	
DUCHP		PROPOSED U-CHANNEL
ECPIT		EXISTING CATCHPIT
	V. I.	

Symbol Name	Graphical Presentation	Description
ESWDPM	——O———————————————————————————————————	EXISTING SWD PIPELINE AND MANHOLE
P100		100 DIA. BUDDLE
PCPIT	*	PROPOSED CATCHPIT
PS_EL1	*	PENSTOCK ELEVATION - TYPE 1
PS_EL2		PENSTOCK ELEVATION - TYPE 2
PS_EL3		PENSTOCK ELEVATION - TYPE 3
PS_PL1		PENSTOCK PLAN - TYPE 1
PS_PL3		PENSTOCK PLAN - TYPE 3

Symbol Name	Graphical Presentation	Description
PSWDPM	X	PROPOSED SWD PIPELINE AND MANHOLE
RDRAIN		PROPOSED RAKING DRAIN ON
	*	SLOPE
SC_A	**/*/*/*/*	STEPPED CHANNEL TO BE ABANDONED
SC_O	* -	STEPPED CHANNEL TO BE MAINTAINED BY OTHERS
SDO_E		EXISTING DESILTING OPENING/INSPECTION OPENING FOR STORM WATER DRAIN
SDO_P		PROPOSED DESILTING OPENING/INSPECTION OPENING FOR STORM WATER DRAIN
SGSE	*	EXISTING GULLY SUMP
SIE	*	EXISTING INLET

Symbol Name	Graphical Presentation	Description
SIP	→	PROPOSED INLET
SOE	*	EXISTING OUTLET
SOP	*P	PROPOSED OUTLET
STME		EXISTING TERMINAL MANHOLE
STMP	(*)	PROPOSED TERMINAL MANHOLE
SWDMH	(*)	SWD MANHOLE/CHAMBER/SPECIAL MANHOLE
UC_A	*//// UC /////	U-CHANNEL TO BE ABANDONED
UC_E	*	EXISTING U-CHANNEL

Symbol Name	Graphical Presentation	Description
UC_O	* UC	U-CHANNEL TO BE MAINTAINED BY OTHERS

Class 930 - SEWERAGE

Symbol Name	Graphical Presentation	Description
CMH_E		EXISTING COMBINED MANHOLE
CMH_P		PROPOSED COMBINED MANHOLE
DWFI_E		EXISTING OVERFLOW/DWF INTERCEPTOR
DWFI_P	*	PROPOSED OVERFLOW/DWF INTERCEPTOR
ERM	——————————————————————————————————————	EXISTING RISING MAIN
ESMOF	* * * * * * * * * * * * * * * * * * * *	EXISTING SUBMARINE OUTFALL
ESPM	———— *	EXISTING SEWER PIPELINE AND MANHOLE
ESTRAP	×	EXISTING SAND TRAP

Class 930 - SEWERAGE

Symbol Name	Graphical Presentation	Description
ETM	SEWER	EXISTING TERMINAL MANHOLE
	SWD	
ETPL		EXISTING TAPPING PIPELINE
	*	
ETRM	RM ====	EXISTING TWIN RISING MAIN
FDO_E		EXISTING DESILTING OPENING/INSPECTION OPENING FOR SEWER
FDO_P	*	PROPOSED DESILTING OPENING/INSPECTION OPENING FOR SEWER
FTME		EXISTING TERMINAL MANHOLE
FTMP	\mathbb{R}	PROPOSED TERMINAL MANHOLE
IVC_E		EXISTING INTERFACE VALVE CHAMBER

Symbol Name	Graphical Presentation	Description
IVC_P		PROPOSED INTERFACE VALVE CHAMBER
OPI_E	*	EXISTING OIL/PETROL INTERCEPTOR
OPI_P	\times	PROPOSED OIL/PETROL INTERCEPTOR
PRM	RM *	PROPOSED RISING MAIN
PSMOF	* * * * * * * * * * * * * * * * * * * *	PROPOSED SUBMARINE OUTFALL
PSPM	*	PROPOSED SEWER PIPELINE AND MANHOLE
PSTRAP		PROPOSED SAND TRAP
РТМН	□ SEWER	PROPOSED TERMINAL MANHOLE
	SWD	

Symbol Name	Graphical Presentation	Description
PTP	*	PROPOSED TAPPING PIPELINE
PTRM	= $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$	PROPOSED TWIN RISING MAIN
RM_A	**************************************	RISING MAIN TO BE ABANDONED
RM_O	ж RM	RISING MAIN TO BE MAINTAINED BY OTHERS
SEWMH	*	SEWER MANHOLE/CHAMBER/SPECIAL MANHOLE
VA_E		EXISTING VALVE
VA_P		PROPOSED VALVE
VS_A	*///// VS /////	VACUUM SEWER TO BE ABANDONED

Symbol Name	Graphical Presentation	Description
VS_E	*	EXISTING VACUUM SEWER
VS_O	* VS	VACUUM SEWER TO BE MAINTAINED BY OTHERS
VS_P	* VS	PROPOSED VACUUM SEWER

Class 970 - STRUCTURES IN EXTERNAL WORKS

Symbol Name	Graphical Presentation	Description
GRAVE		EXISTING GRAVE
NBP	* NB	PROPOSED NOISE BARRIER

Class 980 - LANDSCAPING

Symbol Name	Graphical Presentation	Description
PALM_E		PALM TREE - ELEVATION
PALM_P		PALM TREE - PLAN
TREE		EXISTING TREE
TREE_E		TREE - ELEVATION
TREE_P	*	TREE - PLAN
TREEF		EXISTING TREE TO BE FELLED
TREEFD		EXISTING TREE ALREADY FELLED
TREET		EXISTING TREE TRANSPLANTED

Class 990 - PARTS & ACCESSORIES

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

Part 2 CSWP Line-styles

Class 110 - GROUND

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

Class 340 - SCEONDARY ELEMENTS TO STAIRS & RAMPS

Line-style Name	Graphical Presentation	Description
HRAIL1		PROPOSED HANDRAILING ON BERM OF SLOPE

Class 510 - WATER SUPPLY- EXTERNAL

Line-style Name	Graphical Presentation	Description
EFWM	* FW —	EXISTING FRESH WATER MAIN
ESWM	*	EXISTING SALT WATER MAIN
RWM	*	RAW WATER MAIN

Class 540 - GASES SUPPLY

Line-style Name	Graphical Presentation	Description
GSH	*	EXISTING HIGH PRESSURE GAS MAIN
GSHAB	*/	EXISTING HIGH PRESSURE GAS MAIN ABANDONED
GSHP	*	PROPOSED HIGH PRESSURE GAS MAIN
GSL	Ж————	EXISTING LOW PRESSURE GAS MAIN
GSLAB	X/-/	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 - GASES SUPPLY

Line-style Name	Graphical Presentation	Description
GSMP		PROPOSED MEDIUM PRESSURE GAS MAIN

Line-style Name	Graphical Presentation	Description
E11	─────────────────────────────────────	EXISTING 11kV ELECTRICITY CABLE
E11AB	X/ / 11kV //	EXISTING 11kV ELECTRICITY CABLE ABANDONED
E11P	Ж——— 11kV ———	PROPOSED 11kV ELECTRICITY CABLE
E132	132kV —	EXISTING 132kV ELECTRICITY CABLE
E132AB	132kV —/	EXISTING 132kV ELECTRICITY CABLE ABANDONED
E132P	Ж—— 132kV ———	PROPOSED 132kV ELECTRICITY CABLE
E33	→ 33kV —	EXISTING 33kV ELECTRICITY CABLE
E33AB	─────────────────────────────────────	EXISTING 33kV ELECTRICITY CABLE ABANDONED

Line-style Name	Graphical Presentation	Description
E33P	Ж——— 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	Ж——— 66kV ———	PROPOSED 66kV ELECTRICITY CABLE
ЕНТС	Ж—— НТ ———	EXISTING HIGH TENSION ELECTRICITY CABLE

Line-style Name	Graphical Presentation	Description
EHTCAB	* / HT //	EXISTING HIGH TENSION ELECTRICITY CABLE ABANDONED
ЕНТСР	Ж——— HT ———	PROPOSED HIGH TENSION ELECTRICITY CABLE
ELTCAB	*// LT //	EXISTING LOW TENSION ELECTRICITY CABLE ABANDONED
ELTCP	* LT	PROPOSED LOW TENSION ELECTRICITY CABLE

Line-style Name	Graphical Presentation	Description
DL_PL1	*c	PROPOSED PUBLIC LIGHTING CABLE DIRECT LAID UNDERGROUND
DU_PL1	*	PROPOSED PUBLIC LIGHTING DUCTING CABLE UNDERGROUND
OH_EL1	*OHL	EXISTING PUBLIC LIGHTING OVERHEAD LINE
OH_PL1	Ж——— ОНL ———	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)
SD_EL1	₩ DE1	EXTG PL CROSS RD DUCT 1NO
SD_EL2	₩ DE2	EXTG PL CROSS RD DUCT 2NOS

Line-style Name	Graphical Presentation	Description
SD_EL3	₩ DE3	EXTG PL CROSS RD DUCT 3NOS
SD_EL4	₩ DE4	EXTG PL CROSS RD DUCT 4NOS
SD_EL5	₩ DE5	EXTG PL CROSS RD DUCT 5NOS
SD_PL1	₩ DPn — — —	PROPOSED PL CROSS RD DUCT
SS_EL1	₩ SE1	EXTG SHALLOW X RD DUCT 1NO
SS_EL2	★ SE2	EXTG SHALLOW X RD DUCT 2NO
SS_EL3	★ SE3	EXTG SHALLOW X RD DUCT 3NO
SS_EL4	※ SE4	EXTG SHALLOW X RD DUCT 4NO

Line-style Name	Graphical Presentation	Description
SS_EL5	★ SE5	EXTG SHALLOW X RD DUCT 5NO
SS_PL1	※ SPn — — —	PROP SHALLOW X ROAD DUCT
SU_EL1	*	SUSPECTED ROUTING UG
WM_EL1	₩ — WM —	EXISTING WALL MOUNTED PUBLIC LIGHTING CABLE
WM_PL1	*wm	PROPOSED WALL MOUNTED PUBLIC LIGHTING CABLE

Class 640 - COMMUNICATIONS

Line-style Name	Graphical Presentation	Description
CATV	CATV	EXISTING WHARF CABLE DUCT
CATVAB	-/ CATV/	EXISTING WHARF CABLE DUCT ABANDONED
CATVP	<u></u> —— сатv ———	PROPOSED WHARF CABLE DUCT
CHCL	——————————————————————————————————————	EXISTING HUTCHISON CABLE DUCT
CHCLAB	-/	EXISTING HUTCHISON CABLE DUCT ABANDONED
CHCLP	₩ HCL	PROPOSED HUTCHISON CABLE DUCT
СНКТ	——————————————————————————————————————	EXISTING CABLE & WIRELESS PCCW HKT CABLE DUCT
СНКТАВ	-/	EXISTING CABLE & WIRELESS PCCW HKT CABLE DUCT ABANDONED

Class 640 - COMMUNICATIONS

Line-style Name	Graphical Presentation	Description
СНКТР	* HKT	PROPOSED CABLE & WIRELESS PCCW HKT CABLE DUCT
CNTT	——————————————————————————————————————	EXISTING NEW T&T CABLE DUCT
CNTTAB	→	EXISTING NEW T&T CABLE DUCT ABANDONED
CNTTP	* NTT	PROPOSED NEW T&T CABLE DUCT
CNWT		EXISTING NEW WORLD CABLE DUCT
CNWTAB	-/NWT/	EXISTING NEW WORLD CABLE DUCT ABANDONED
CNWTP	* NWT	PROPOSED NEW WORLD CABLE DUCT

Class 800 - GROUND SURVEY

Line-style Name	Graphical Presentation	Description
BA	*	BARRIERS
CD	*	CABLE DUCT
FX	*	FENCE AND/OR RAILING
GP	₩ GP — GP	GAS PIPE
HD	Ж HD	HOARDING
HG	*	HEDGE
HW	*	HIGH WATER MARK
NX	* NB — —	NOISE BARRIER

Class 800 - GROUND SURVEY

Line-style Name	Graphical Presentation	Description
SR	*	STREAM COURSE/RIVER
SX	* + + + + + + + + + + + + + + + + + + +	STEPPED CHANNEL
WM	* w —	WATER MAIN
WR	*	VERTICAL CUTTING/RETAINING WALL
WX	*	FREE STANDING WALL

Class 910 - BOUNDARIES & ENCLOSURES

Line-style Name	Graphical Presentation	Description
FENCE	*	EXISTING FENCING
FENCED	X X	EXISTING FENCE TO BE DEMOLISHED
FENCEP	——— *	PROPOSED FENCING
FENCET	——————————————————————————————————————	PROPOSED TEMPORARY FENCE
HOARD	—— Н ——Ж	PROPOSED HOARDING

Class 920 - SURFACE WATER DRAINAGE

Line-style Name	Graphical Presentation	Description
DPIPED		EXISTING DRAIN TO BE DEMOLISHED
DPIPEP	——————————————————————————————————————	PROPOSED DRAIN PIPE
DSSOL	——————————————————————————————————————	EXISTING SUB-SOIL DRAIN
DSSOLP	——————————————————————————————————————	PROPOSED SUB-SOIL DRAIN
DSTEP	- *	EXISTING STEPPED CHANNEL
DSTEPP	*	PROPOSED STEPPED CHANNEL
DUCHP	——————————————————————————————————————	PROPOSED U-CHANNEL
SC_A	********	STEPPED CHANNEL TO BE ABANDONED

Class 920 - SURFACE WATER DRAINAGE

Line-style Name	Graphical Presentation	Description
SC_O	* - - -	STEPPED CHANNEL TO BE MAINTAINED BY OTHERS
UC_A	*//// UC /////	U-CHANNEL TO BE ABANDONED
UC_E	*	EXISTING U-CHANNEL
UC_O	ж uc	U-CHANNEL TO BE MAINTAINED BY OTHERS

Line-style Name	Graphical Presentation	Description
ERM	——————————————————————————————————————	EXISTING RISING MAIN
PRM	RM*	PROPOSED RISING MAIN
RM_A	<i>₩+++++</i> RM <i>++++++</i>	RISING MAIN TO BE ABANDONED
RM_O	ж RM	RISING MAIN TO BE MAINTAINED BY OTHERS
VS_A	**************************************	VACUUM SEWER TO BE ABANDONED
VS_E	*	EXISTING VACUUM SEWER
VS_O	* VS	VACUUM SEWER TO BE MAINTAINED BY OTHERS
VS_P	*	PROPOSED VACUUM SEWER

Class 970 - STRUCTURES IN EXTERNAL WORKS

Line-style Name	Graphical Presentation	Description
NBP		PROPOSED NOISE BARRIER
	₩—— NB ———	

Part 3 Deleted CSWP Symbols

Class 140 - TUNNELS

Symbol Name	Graphical Presentation	Description
WT	* *	WATER TUNNEL
		Deletion Date: 26-Apr-06

Class 510 - WATER SUPPLY-EXTERNAL

Symbol Name	Graphical Presentation	Description
SM		SLEEVED MAIN
	*	
		Deletion Date: 26-Apr-06

Class 530 - LIQUIDS SUPPLY

Symbol Name	Graphical Presentation	Description
ADB003	*	GATE VALVE
	7	Deletion Date: 18-Dec-07
ADB006	*	NON-RETURN VALVE
		Deletion Date: 18-Dec-07

Class 590 - PARTS & ACCESSORIES

Symbol Name	Graphical Presentation		Description
HD		HEAVY DRA	WOFF HYDRANT
		Deletion Date:	26-Apr-06
SP	*	STANDPIPE	
		Deletion Date:	26-Apr-06

Symbol Name	Graphical Presentation	Description
TM_E01		EXISTING TERMINATION
		Deletion Date: 18-Dec-07
TM_P01	30	PROPOSED TERMINATION
	*	
		Deletion Date: 18-Dec-07

Class 640 - COMMUNICATIONS

Symbol Name	Graphical Presentation	Description
EMS101		CCTV CAMERA MOUNTING POLE
)	Deletion Date: 26-Apr-06
EMS212	S *	SOUND SYSTEM EQUIPMENT
		Deletion Date: 26-Apr-06

Class 690 - PARTS & ACCESSORIES

Symbol Name	Graphical Presentation		Description
LP	LIGHTNING PROTECTION UNIT	LAMP POST	
	-	Deletion Date:	26-Apr-06

Part 4 Deleted CSWP Line-styles

Class 510 - WATER SUPPLY- EXTERNAL

Line-style Name	Graphical Presentation	Description
SM		SLEEVED MAIN
	*	
		Deletion Date: 26-Apr-06

Line-style Name	Graphical Presentation	Description
EDUCT	Ж——— 66kV ———	EXISTING ELECTRICITY CROSS ROAD DUCT
		Deletion Date: 26-Apr-06
EDUCTP		PROPOSED ELECTRICITY CROSS ROAD DUCT
	Ж——— 66kV ———	
		Deletion Date: 26-Apr-06

Line-style Name	Graphical Presentation	Description
ETRM	**************************************	EXISTING TWIN RISING MAIN
		Deletion Date: 26-Apr-06
PTRM	$=$ $=$ $=$ $=$ $=$ \times	PROPOSED TWIN RISING MAIN
		Deletion Date: 26-Apr-06