The Government of the Hong Hong Special Administrative Region

Environment, Transport and Works Bureau

Catalogue of

CSWP Symbols and Linestyles

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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
		140	TUNNELS
200	STRUCTURE PRIMARY ELEMENTS	280	BUILDING FRAMES, OTHER PRIM. ELEMENTS
		290	PARTS & ACCESSORIES
300	SECONDARY ELEMENTS	310	SECONDARY ELEMENTS TO WALLS
		340	SCEONDARY ELEMENTS TO STAIRS & RAMPS
500	SERVICES, MAINLY PIPED, DUCTED	510	WATER SUPPLY- EXTERNAL
		520	WASTE DISPOSAL, DRAINAGE
		530	LIQUIDS SUPPLY
		540	GASES SUPPLY
		550	SPACE COOLING
		570	AIR-CONDITIONING, VENTILATION
		580	FIRE PROTECTION & FIRE SERVICES OTHER THAN

Content Part 1 – CSWP Symbols

Discipline		<u>Class</u>	Description
500	SERVICES, MAINLY PIPED, DUCTED	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
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

Content Part 1 – CSWP Symbols

Discipline

900 EXTERNAL WORKS

<u>Class</u>	Description
970	STRUCTURES IN EXTERNAL WORKS
980	LANDSCAPING
990	PARTS & ACCESSORIES

Content Part 2 – CSWP Line-styles

Discipline			Description
100	GROUND, SUB-STRUCTURE	110	GROUND
300	SECONDARY ELEMENTS	340	SCEONDARY 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
		930	SEWERAGE
		970	STRUCTURES IN EXTERNAL WORKS

Part 1

CSWP Symbols

Symbol Name	Graphical Presentation	Description
050ELE	ELEV_NO4 ELEV_NO3¥ELEV_NO1 ELEV_NO2	ORIENTATION OF ELEVATION
050LM1	LEVEL	STRUCTURAL LEVEL - GENERAL
050LM2	LEVEL	FINISHED LEVEL - GENERAL
050LM3	LEVEL	STRUCTURAL LEVEL
050LM4	LEVEL FINISHED_LEVEL	FINISHED LEVEL
050LM5	X	EXISTING LEVEL
050LM6	LEVEL	SPECIFIC LEVEL

Symbol Name	Graphical Presentation	Description
050LM7	LEVEL	CEILING HEIGHT ABOVE F.F.L.
050MD1	DETAIL_NO	DETAIL MARK - VERTICAL TOP
050MKD	DO <u>OR, TY</u> PE DOI BRINMRAWERTYPE YPE	DOOR MARK
050MKF	FINIS <u>H*</u> MARK	FINISH MARK
050MKW	WIND (W MARK	WINDOW MARK
050MS1	SECTIONO	SECTION MARK - VERTICAL TOP FACING LEFT
050NPT		NORTH POINT

Symbol Name	Graphical Presentation	Description
ANGLE	*	ANGLE MARK
LCROSS		CROSS FOR DELETION/ABANDONED
REMOVE	****	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 m
S1000	0 10 20 30 40 50 m Harring 1 : 1 000 SCALE BAR	1:1000 SCALE BAR m

Symbol Name	Graphical Presentation	Description
S10000	0 100 200 300 400 500 m 1 : 10 DOO SCALE BAR	1:10000 SCALE BAR m
S125	0 1 2 3 4 5 m Handhuul 1 : 125 SCALE BAR	1:125 SCALE BAR m
S2	0 100 mm 1 : 2 SONLE BAR	1:2 SCALE BAR mm
S20	0 500 1000 mm 1 : 20 SCALE BAR	1:20 SCALE BAR mm
S200	0 5 10 m 1 : 200 SG4LE BAR	1:200 SCALE BAR m
S2000	0 50 100 m 1 : 2 000 SCALE BAR	1:2000 SCALE BAR m
S20000	0 500 1000 m 1 : 20 000 SCALE BAR	1:20000 SCALE BAR m

Symbol Name	Graphical Presentation	Description
825	0 500 1000 mm 1 : 25 SC4LE 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
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

Symbol Name	Graphical Presentation	Description
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		HATCH - PLASTER/ RENDERING/SCREED
060CON		HATCH - CONCRETE WORK

Symbol Name	Graphical Presentation	Description
060GLS	* <u> </u>	HATCH - GLASS SHEET
060GRF	* 353383 533	HATCH - GRANULAR FILL
060HCL	*DDDDDF	HATCH - HARDCORE LARGE SCALE
060HCS	*	HATCH - HARDCORE SMALL SCALE
060INB	*MM	HATCH - INSULATION BOARD
060INQ	*	HATCH - INSULATION QUILT
060MWK	*	HATCH - METAL WORKS

Symbol Name	Graphical Presentation	Description
060PLY	×	HATCH - PLYWOOD
060SSL		HATCH - SUBSOIL
060STO	*	HATCH - STONEWORK
060TSL	*	HATCH - TOPSOIL
060WDM		HATCH - WOOD MACHINED ALL ROUND
060WDS	*	HATCH - WOOD SAWN
HSEED1	** ** * *	HYDROSEEDING FOR SLOPE WORKS

Symbol Name	Graphical Presentation	Description
HYEMAT	* *	HYDROSEEDING WITH EROSION CONTROL MAT FOR SLOPE WORKS
ROCKTR	ж (ROCK SLOPE TREATMENT
SPCON1	Э Ж С	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, SUB-STRUCTURE

Symbol Name	Graphical Presentation	Description
110BHN		BORE HOLE - EXISTING
110PZP	MARK	BORE HOLE - NEW
110TPN		TRIAL PIT - EXISTING
COREHO		CORE HOLE
GBOUND	⋇?	GEOLOGICAL BOUNDARY
GEOPOB	*	GEO PROBE
IBRHP		BORE HOLE

Class 110 - GROUND, SUB-STRUCTURE

Symbol Name	Graphical Presentation	Description
ITPITP		TRIAL PIT
PZRTIP	*	PIEZOMETER TIP
RHEAD1	ж?/	ROCK HEAD BOUNDARY
SFSTRP	*	SURFACE STRIP
SPZTVL	₩.	STANDARD PIEZOMETER TIP VALUE
WMARK		GROUND WATER LEVEL MARK
WSPAGE	<u> </u>	GROUND WATER SEEPAGE

Class 110 - GROUND, SUB-STRUCTURE

Symbol Name	Graphical Presentation	Description
WTABLE	ж	GROUND WATER TABLE LEVEL

Class 120 - GROUND, SUB-STRUCTURE

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 140 - GROUND, SUB-STRUCTURE

Symbol Name	Graphical Presentation	Description
WT		WATER TUNNEL
	Ж	

Class 280 - STRUCTURE PRIMARY ELEMENTS

Symbol Name	Graphical Presentation	Description
280SDL	DROP 77777 77777*	SLAB DROP DIFFERENCE - LEFT
280SDR	<i>77777,</i> DROP <i>*77777,</i>	SLAB DROP DIFFERENCE - RIGHT

Class 290 - STRUCTURE PRIMARY ELEMENTS

Symbol Name	Graphical Presentation	Description
SPRING	MMMM	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	*	SINGLE LEAVE DOOR ANY TYPE

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 NORMALLY CLOSED
315FD1	× ×	DOUBLE LEAVE HALF HR S.C. DOOR
315FD2	×	DOUBLE LEAVE 1 HR S.C. DOOR

Symbol Name	Graphical Presentation	Description
315FD3	× ×	DOUBLE LEAVE 2 HR S.C. DOOR
315FD4	× V	DOUBLE LEAVE HALF HR S.C. DOOR WITH VIEWING PANEL
315FD5	* *	DOUBLE LEAVE 1 HR S.C. DOOR WITH VIEWING PANEL
315FD6	* *	DOUBLE LEAVE 2 HR S.C. DOOR WITH VIEWING PANEL
315FS1	*	SINGLE LEAVE HALF HR S.C. DOOR
315FS2	× ×	SINGLE LEAVE 1 HR S.C. DOOR
315FS3	× ×	SINGLE LEAVE 2 HR S.C. DOOR

Symbol Name	Graphical Presentation	Description
315FS4	×	SINGLE LEAVE HALF HR S.C. DOOR WITH VIEWING PANEL
315FS5	× ×	SINGLE LEAVE 1 HR S.C. DOOR WITH VIEWING PANEL
315FS6	× ×	SINGLE LEAVE 2 HR S.C. DOOR WITH VIEWING PANEL
315REV	*	REVOLVING DOOR
315SD1	$\xrightarrow{\times}$	SLIDING DOOR
3158F1	*	SLIDING/FOLDING END HUNG
3158F2	*	SLIDING/FOLDING CENTRE HUNG

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

Symbol Name	Graphical Presentation	Description
EFWM	₩ F₩	EXISTING FRESH WATER MAIN
ESWM		EXISTING SALT WATER MAIN
RWM	ж	RAW WATER MAIN
SM	×	SLEEVED MAIN

Symbol Name	Graphical Presentation	Description
RP	R	RODDING PIT

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

Symbol Name	Graphical Presentation	Description
ADB001		ANGLE VALVE
ADB002		GLOBE VALVE
ADB003		GATE VALVE
ADB004		QUICK SHUT OFF VALVE
ADB005		3-WAY VALVE
ADB006	*	NON-RETURN VALVE
ADB007		DOUBLE REGULATING BALANCING VALVE C/W ORIFICE FOR FLOW MEASUREMENT

Symbol Name	Graphical Presentation	Description
ADB008	*	BUTTERFLY VALVE
ADB009	MODULATING	2-WAY ELECTRIC MODULATING VALVE
ADB010		2-WAY ELECTRIC ON/OFF VALVE
ADB011	MODULATING	3-WAY ELECTRIC MODULATING VALVE
ADB012		3-WAY ELECTRIC ON/OFF VALVE
ADB013	P.R.	PRESSURE RELIEF VALVE
ADB014		WEIGHT OPERATED VALVE

Symbol Name	Graphical Presentation	Description
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
ADB020	*	BALL FLOAT VALVE
ADB021		STRAINER (Y-TYPE)

Symbol Name	Graphical Presentation	Description
ADB022		STRAINER (BUCKET- TYPE)
ADB023		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
ADB028		SECTION OF PIPE

Symbol Name	Graphical Presentation	Description
ADB029		PRESSURE GAUGE WITH COCK
ADB030	© X *	COMPOUND GAUGE WITH COCK
ADB031		WATER METER
ADB032	FLOWMETER	FLOW METER
ADB033		FLOW SWITCH
ADB034	PSWITCH	PRESSURE SENSOR

Symbol Name	Graphical Presentation	Description
ADB029	X X *	PRESSURE GAUGE WITH COCK
ADB801	* DACUUM	MEDICAL VACUUM TERMINAL UNIT
ADB802	*-OXYGEN	MEDICAL OXYGEN TERMINAL UNIT
ADB803	CONDEPRESS-AIR	MEDICAL COMPRESSED AIR TERMINAL UNIT
ADB804	NHTROUS-OXIDE	NITROUS-OXIDE TERMINAL UNIT
ADB805	ANAESTHETIC	ANAESTHETIC GAS TERMINAL UNIT
ADB806	NONEMEDI-VACUUM	NON-MEDICAL VACUUM TERMINAL UNIT

Symbol Name	Graphical Presentation	Description
ADB807	NHEEDI−COM	NON-MEDICAL COMPRESSED AIR TERMINAL UNIT
ADB808	L.	PRESSURE RELIEF VALVE
ADB809	*	BALL VALVE
ADB811	*	VACUUM PUMP
ADB812		AIR COMPRESSOR
ADB813		FILTER
ADB814	GASPANEL	MAIN MEDICAL GAS CONTROL PANEL

Symbol Name	Graphical Presentation	Description
ADB815	REM <u>OTEPA</u> NEL	REMOTE AREA ALARM CONTROL PANEL
ADB816	VALVEBOX	AREA VALVE SERVICE UNIT C/W PRESSURE ALARM EQUIPMENT
GSEND		EXISTING GAS MAIN END
GSH		EXISTING HIGH PRESSURE GAS MAIN
GSHAB	<i>₩//</i>	EXISTING HIGH PRESSURE GAS MAIN ABANDONED
GSHP	X	PROPOSED HIGH PRESSURE GAS MAIN PROPOSED HIGH PRESSURE GAS MAIN MAIN
GSL	Χ	EXISTING LOW PRESSURE GAS MAIN

Symbol Name	Graphical Presentation	Description
GSLAB	Δ	EXISTING LOW PRESSURE GAS MAIN ABANDONED
GSLP	<u> </u>	PROPOSED LOW PRESSURE GAS MAIN
GSM	ж	EXISTING MEDIUM PRESSURE GAS MAIN
GSMAB	×	EXISTING MEDIUM PRESSURE GAS MAIN ABANDONED
GSMP	×	PROPOSED MEDIUM PRESSURE GAS MAIN
GSSY		EXISTING GAS SYPHON
GSSYP		PROPOSED GAS SYPHON

Symbol Name	Graphical Presentation	Description
GSVA		EXISTING GAS VALVE
GSVAP		PROPOSED GAS VALVE

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

Symbol Name	Graphical Presentation	Description
ADB108	DDC *	DIRECT DIGITAL CONTROL PANEL
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 *	pH ANALYZER

Symbol Name	Graphical Presentation	Description
ADB115	TC *	THERMOSTAT & 3-SPEED REGULATOR FOR FAN COIL UNITS
ADB116	TD *	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	X	A/C SUPERVISORY PANEL
ADB120	× O	CENTRIFUGAL FAN
ADB121	•**////-•	DUCT HEATER

Symbol Name	Graphical Presentation	Description
ADB122	Ŵ	ULTRAVIOLET STERILIZER
ADB123		AIR FILTER
ADB124		BAG FILTER
ADB125		ACTIVE CARBON FILTER
ADB126		HIGH EFFICIENCY PARTICULATE FILTER
ADB127		ELECTROSTATIC FILTER
ADB128	° ⊕ **	HEATING COIL

Symbol Name	Graphical Presentation	Description
ADB129		COOLING COIL
ADB130	COLOUR	INDICATOR LAMP, e.g. R=RED, Y=YELLOW, B=BLUE, A=AMBER, W=WHITE, G=GREEN
ADB131	EMERGENCY	EMERGENCY STOP PUSH BUTTON
ADB132		KEY SWITCH
ADB133		SELECTOR SWITCH
ADB134		PUSH BUTTON (PANEL)
ADB135	DOL	DIRECT-ON-LINE MOTOR STARTER

Symbol Name	Graphical Presentation	Description
ADB136		MOTOR STAR-DELTA MOTOR STARTER
ADB137		BUZZER
ADB374	MPA *	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

Symbol Name	Graphical Presentation	Description
ADB208	×	CENTRIFUGAL DUCT FAN
ADB209		MOTORISED OPPOSED BLADE TYPE VCD
ADB210		CLEANSING POINT IN AIR DUCT
ADB211		AIR SILENCER
ADB212	SEE	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	DESIGNATION	AIR CURTAIN e.g. AIR CURTAIN NO. 2 ON 1/F

Symbol Name	Graphical Presentation	Description
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	*	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

Symbol Name	Graphical Presentation	Description
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)
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	+∭ ↓	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

Symbol Name	Graphical Presentation	Description
ADB229		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	PESIGNATION	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
ADB013	P.R.	PRESSURE RELIEF VALVE
ADB020	*	BALL FLOAT VALVE
ADB021	*	STRAINER (Y-TYPE)
ADB023		FLEXIBLE PIPE CONNECTOR

Symbol Name	Graphical Presentation	Description
ADB024	AAV	AUTO AIR RELIEF VALVE
ADB025		DRAIN CORK C/W PLUG
ADB027	×	WATER CIRCULATING PUMP
ADB029	⊘ X *	PRESSURE GAUGE WITH COCK
ADB032	FLOWMETER	FLOW METER
ADB033		FLOW SWITCH
ADB130	COLOUR	INDICATOR LAMP, e.g. R=RED, Y=YELLOW, B=BLUE, A=AMBER, W=WHITE, G=GREEN

Symbol Name	Graphical Presentation	Description
ADB131	EMERGENCY	EMERGENCY STOP PUSH BUTTON
ADB132		KEY SWITCH
ADB133		SELECTOR SWITCH
ADB134		PUSH BUTTON (PANEL)
ADB135	DOL	DIRECT-ON-LINE MOTOR STARTER
ADB136		MOTOR STAR-DELTA MOTOR STARTER
ADB137		BUZZER

Symbol Name	Graphical Presentation	Description
ADB382	×	BUSBAR CHAMBER, MCCB/MCB DISTRIBUTION BOARD
ADB601		PIPE EXPANSION JOINT
ADB602	LP XX	PRESSURE REDUCING VALVE
ADB603	PRVSET	PRESSURE REDUCING VALVE SET
ADB604	PSWITCH	PRESSURE SWITCH, e.g. P1 = PRESSURE SWITCH NO. 1
ADB605	HWL	FLOAT SWITCH
ADB606		FIRE HYDRANT OUTLET (SINGLE OUTLET TYPE)

Symbol Name	Graphical Presentation	Description
ADB607	TWIN R	FIRE HYDRANT OUTLET (TWIN OUTLET TYPE)
ADB608	LP *XH	SELF-CONTAINED PRESSURE REDUCING FIRE HYDRANT OUTLET (SINGLE OUTLET TYPE)
ADB609	STREETHYDRANT	STREET FIRE HYDRANT (PEDESTAL TYPE)
ADB610		KEY OPERATED U/G ISOLATING VALVE
ADB611	HOSEREEL	HOSE REEL
ADB612	×	HOSE REEL (SCHEMATIC)
ADB613	FŜI	FIRE SERVICE INLET

Symbol Name	Graphical Presentation	Description
ADB614	KTXT-E FSI	FIRE SERVICES INLET (SCHEMATIC)
ADB615	SPRI	SPRINKLER INLET
ADB616	KTX-F SPRI	SPRINKLER INLET (SCHEMATIC)
ADB617	Ó	SPRINKLER SYSTEM ALARM VALVE SET
ADB618	<u></u>	SPRINKLER SYSTEM ALARM VALVE SET (SCHEMATIC)
ADB619		PRE-ACTION/RECYCLING SPRINKLER SYSTEM ALARM VALVE SET
ADB620	VALVE	DRY PIPE SPRINKLER SYSTEM ALARM VALVE SET

Symbol Name	Graphical Presentation	Description
ADB621	*D	DRENCHER SYSTEM ALARM VALVE SET
ADB622		SUBSIDIARY STOP VALVE WITH ELECTRIC MONITORING
ADB623		GLOBE VALVE WITH ELECTRIC MONITORING
ADB624	WAT <u>ERCOL</u> UMN	WATER COLUMNING PREVENTION DEVICE
ADB625		VORTEX INHIBITOR
ADB626		ORIFICE PLATE
ADB627	RECYC <u>LING</u> PANEL	PRE-ACTION/RECYCLING SPRINKLER SYSTEM CONTROL PANE

Symbol Name	Graphical Presentation	Description
ADB628	× ×	DRENCHER SYSTEM NOZZLE, SINGLE LAYER
ADB629	*	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	(\mathbf{x})	SPRINKLER HEAD, SINGLE LAYER BELOW FLOOR/CEILING SLAB
ADB634	€93°C	93 DEG. CELCIUS SPRINKLER HEAD, SINGLE LAYER FOR HIGH AMBIENT TEMPERATURE ENVIRONMENT

Symbol Name	Graphical Presentation	Description
ADB635	WATERSHIELD	SPRINKLER HEAD, SINGLE LAYER C/W WATER SHIELD
ADB636	BRY *	DRY SPRINKLER HEAD, SINGLE LAYER
ADB637	× S	SIDE WALL SPRINKLER HEAD, SINGLE LAYER
ADB638	NO(Z#ZLE	NOZZLE FOR GAS FLOODING SYSTEM
ADB639	YODA	YODA ALARM
ADB640	FLASH	RED FLASHING LIGHT (CEILING MOUNTED) C/W ENGRAVED ENGLISH & CHINESE LETTERS
ADB641	FILASH	RED FLASHING LIGHT (WALL MOUNTED) C/W ENGRAVED ENGLISH & CHINESE LETTERS

Symbol Name	Graphical Presentation	Description
ADB642	LO ×	GAS FLOODING SYSTEM LOCK OFF/INDICATION UNIT
ADB643	FM200 *	FM-200 GAS FLOODING SYSTEM CONTROL PANEL
ADB644	MANUALRELEASE	MANUAL RELEASE UNIT
ADB645	EMERG <u>ENÇYR</u> ELAESE	EMERGENCY RELEASE MECHANISM
ADB646		DRY CONTACT
ADB647	END -OF- LINE	END OF LINE TESTER
ADB648	F&S	FIRE & SMOKE DAMPER

Symbol Name	Graphical Presentation	Description
ADB649	FIRE&SMOKE	FIRE & SMOKE DAMPER CONTROL PANEL
ADB650	INTER *	INTERFACING PANEL
ADB651	FPANEL *	FIRE ALARM & CONTROL PANEL
ADB652	RPANEL	FIRE SERVICE REPEATER PANEL
ADB653	FLOCAL *	LOCAL FIRE SERVICE INDICATION PANEL
ADB654	PANEL *	LOCAL PUMP CONTROL PANEL
ADB655	F.SH. *	FIRE ROLLER SHUTTER CONTROL PANEL

Symbol Name	Graphical Presentation	Description
ADB656	[⊛] 4.5KGCO2 ₂	4.5 kg CARBON DIOXIDE FIRE EXTINGUISHER
ADB657	[⊛] CO2WĄTER	9 LITRE WATER CARBON DIOXIDE FIRE EXTINGUISHER
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

Symbol Name	Graphical Presentation	Description
ADBM08	TC *	TEMPERATURE CONTROL VALVE
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

Symbol Name	Graphical Presentation	Description
ADBM15	* G	EMERGENCY GENERATOR
ADBM16	*	FLEXIBLE HOSE
ADBM17	*	PIPE REDUCER
ADBM18		VENT HOOD C/W BRASS WIRE MESH AT END
ADBM19	*	PIPE FALL
ADBM20	×	FUNNEL
ADBM21	×	SEPARATOR

Symbol Name	Graphical Presentation	Description
ADBM22		EXHAUST HEAD C/W DRAIN PIPE
ADBM23		SIGHT GLASS
ADBM24	Сл ж	AUTOMATIC AIR VENT
ADBM25	T *	TEMPERATURE GAUGE
ADBM26	P *	PRESSURE GAUGE
ADBM27	× ×	LEVEL GAUGE
AV	*	AIR VALVE

Symbol Name	Graphical Presentation	Description
DETRI		4000 DIA. DETRITOR
FLOWM		FLOWMETER/WASTE DETECTION METER/DISTRICT METERING METER
FMC		FLOW MEASUREMENT CHAMBER
FRV		FLOW REGULATING VALVE
GH	×	GROUND FIRE HYDRANT
HD	×	HEAVY DRAWOFF HYDRANT
LCM		LEAKAGE COLLECTION MANHOLE

Symbol Name	Graphical Presentation	Description
LNC	*	LEAK/NOISE CORRELATION POINT
NRV		NON-RETURN VALVE
РН	*	PEDESTAL FIRE HYDRANT
PRV		PRESSURE REDUCING VALVE
RESIST		RESISTOR
SNH	*	SWAN NECK HYDRANT
SP	*	STANDPIPE

Symbol Name	Graphical Presentation	Description
TSH		TWIN SWAN NECK HYDRANT
TWC	ж	TEE, WYE, CROSSING
VALVE		BUTTERFLY VALVE/SLUICE VALVE/GATE VALVE/STOP COCK
VEN	*	VENTURI

Class 610 - SERVICES, MAINLY ELECTRICAL

Symbol Name	Graphical Presentation	Description
E11	₩ 11₩	EXISTING 11KV ELECTRICITY CABLE
E11AB	₩ ///// 11₩ ///////////////////////////////////	EXISTING 11KV ELECTRICITY CABLE ABANDONED
E11P	₩——— 11kV ———	PROPOSED 11KV ELECTRICITY CABLE
E132	₩ 132kV	EXISTING 132KV ELECTRICITY CABLE
E132AB	₩	EXISTING 132KV ELECTRICITY CABLE ABANDONED
E132P	₩——— 132kV ———	PROPOSED 132KV ELECTRICITY CABLE
E33	ж 33kV	EXISTING 33KV ELECTRICITY CABLE

Symbol Name	Graphical Presentation	Description
E33AB	₩	EXISTING 33KV ELECTRICITY CABLE ABANDONED
E33P	——— 33kV ———	EXISTING 33KV ELECTRICITY CABLE
E400	ж 400kv	EXISTING 400KV ELECTRICITY CABLE
E400AB	₩~~ / 400kV/	EXISTING 400KV ELECTRICITY CABLE ABANDONED
E400P	₩ — — 400kV — — —	PROPOSED 400KV ELECTRICITY CABLE
E66	ж 66kV	EXISTING 66KV ELECTRICITY CABLE
E66AB	Ж-/ 66kV/	EXISTING 66KV ELECTRICITY CABLE ABANDONED

Symbol Name	Graphical Presentation	Description
E66P	₩——— 66kV ———	PROPOSED 66KV ELECTRICITY CABLE
ECONR	× E	EXISTING ELECTRICITY CONTROLLER
ECONRP	E ×	PROPOSED ELECTRICITY CONTROLLER
EDPIT	E	EXISTING ELECTRICITY DRAWPIT
EDPITP	E	PROPOSED ELECTRICITY DRAWPIT
EHTC	Ж нт	EXISTING HIGH TENSION ELECTRICITY CABLE
EHTCAB	Ж / / НТ / / /	EXISTING HIGH TENSION ELECTRICITY CABLE ABANDONED

Symbol Name	Graphical Presentation	Description
ЕНТСР	ж— — HT — — —	PROPOSED HIGH TENSION ELECTRICITY CABLE
EJBOX		EXISTING ELECTRICITY JOINT BOX
EJBOXP	E	PROPOSED ELECTRICITY JOINT BOX
ELTCAB	Ж / / ЦТ ////	EXISTING LOW TENSION ELECTRICITY CABLE ABANDONED
ELTCP	ж—— LT — — —	PROPOSED LOW TENSION ELECTRICITY CABLE
EMH	*	EXISTING ELECTRICITY MANHOLE
ЕМНР	*	PROPOSED ELECTRICITY MANHOLE

Symbol Name	Graphical Presentation	Description
EPOLE		EXISTING ELECTRICITY POLE
EPOLEP	× E	PROPOSED ELECTRICITY POLE

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

Symbol Name	Graphical Presentation	Description
ADB307	×	FAN REGULATOR
ADB308	√ ¥	WALL CLOCK
ADB309	RAD *	RADIATOR
ADB310	CON *	PANEL FIRE
ADB311	● <u>1200</u> ● <u>*</u>	TUBULAR HEATER 1200mm LONG
ADB312	300 • <u>*</u> •	TUBULAR HEATER 300mm LONG
ADB313	WH 10	WATER HEATER (10 LITER)

Symbol Name	Graphical Presentation	Description
ADB314	WB	WATER BOILER
ADB315	TU	TEA URN
ADB316	COO KER *	HOUSEHOLD ELECTRIC COOKER
ADB317	HD *	HAND/FACE DRYER
ADB318	HP	HOTPLATE
ADB319	REF	REFRIGERATOR
ADB320	DEH *	DEHUMIDIFER

Symbol Name	Graphical Presentation	Description
ADB321		ROOM COOLER
ADB322	() *	CALL/DOOR BELL PUSH, WALL MOUNTED TYPE
ADB323	©	CALL BELL PUSH, TABLE TYPE
ADB324	I I I I I I I I I I I I I I I I I I I	DOOR BELL PUSH, WATERPROOF TYPE
ADB325		CALL/DOOR/CLASS CHANGING BELL
ADB326		INDICATING PANEL WITH BUZZER
ADB327	TELOUT	TELEPHONE POINT

Symbol Name	Graphical Presentation	Description
ADB328	TVOUT	TELEVISION POINT
ADB361	× ·	TRANSFORMER
ADB362	G	GENERATOR
ADB363		AIR CIRCUIT BREAKER
ADB364	$\left(\begin{array}{c} \circ \\ \varphi \end{array} \right)$	MOULDED CASE CIRCUIT BREAKER
ADB365	$\int_{-\infty}^{\infty}$	AUTOMATIC CHANGEOVER SWITCH
ADB366		SWITCH FUSE

Symbol Name	Graphical Presentation	Description
ADB367	Å	SWITCH
ADB368	MCT *	MULTI-CABLE TRANSIT BLOCK
ADB369	O/L *	OVERLOAD RELAY
ADB370	E/F *	EARTH FAULT RELAY
ADB371	AMMERER	AMMETER
ADB372	VOL	VOLTMETER
ADB373	PF*	POWER FACTOR METER

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		SELECTOR SWITCH
ADB380		SWITCH, DISCONNECTOR (ISOLATOR) FUSE- SWITCH OR SWITCH-FUSE

Symbol Name	Graphical Presentation	Description
ADB381		SWITCH, DISCONNECTOR (ISOLATOR) FUSE- SWITCH OR SWITCH- FUSE, WATERPROOF
ADB382	×	BUSBAR CHAMBER, MCCB/MCB DISTRIBUTION BOARD
ADB383		ELECTROMECHANICAL CONTACTOR
ADB384	*======================================	ELECTROMECANICAL CONTACTOR
ADB385	R	RESIDUAL CURRENT- OPERATED CIRCUIT BREAKER
ADB386		EARTH POINT
ADB387	Ē	EARTH PIT

Symbol Name	Graphical Presentation	Description
ADB388	BBR	VERTICAL BUSBAR RISER
ADB441	RATING	SOCKET OUTLET, 5A
ADB442	$\mathbf{A}^{5}_{\mathbf{x}}$	SOCKET OUTLET, 5A SWITCHED
ADB443	*	SOCKET OUTLET, 13A
ADB444	× ×	SOCKET OUTLET, 13A SWITCHED
ADB445	P *	SOCKET OUTLET, 13A SWITCHED WITH PILOT LIGHT
ADB446	RATING	SOCKET OUTLET, 15A

Symbol Name	Graphical Presentation	Description
ADB447	RATING	SOCKET OUTLET, 15A SWITCHED
ADB448	P15	SOCKET OUTLET, 15A SWITCHED WITH PILOT LIGHT
ADB449	SH *	SHAVER SUPPLY UNIT
ADB450	*	SOCKET OUTLET, 3 PIN, 13A, WATERPROOF
ADB451	RATING	SOCKET OUTLET, 30A, 5 PIN
ADB452	RATING	SOCKET OUTLET, 60A, 5 PIN
ADB453	×	FUSED CONNECTION UNIT, 2A

Symbol Name	Graphical Presentation	Description
ADB454	S ×	FUSED SPUR UNIT, 13A
ADB455	R M M M	FUSED SPUR UNIT WITH PILOT LIGHT, 13A
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

Symbol Name	Graphical Presentation	Description
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	TDP6	600 x 600 TEMPORRARY CABLE DRAW PIT
ADB572	TDP9*	900 x 900 TEMPORRARY CABLE DRAW PIT
ADB573	DP6*	600 x 600 CABLE DRAW PIT

Symbol Name	Graphical Presentation	Description
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	RATING	LIGHTING SWITCH, 15A, ONE-WAY
ADB346	RATING	LIGHTING SWITCH, 15A, TWO-WAY
ADB347	RATING	LIGHTING SWITCH, 15A, ONE-WAY, WATERPROOF

Symbol Name	Graphical Presentation	Description
ADB348	ATING	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	$\mathbf{P}_{\mathbf{x}}$	WALL MOUNTED LIGHTING POINT
ADB402	*	CEILING MOUNTED LIGHTING POINT

Symbol Name	Graphical Presentation	Description
ADB403		WALL MOUNTED RED INDICATING LAMP
ADB404		SPOT LIGHT
ADB405	<pre></pre>	WALL MOUNTED LIGHTING POINT, TWO ARM
ADB406	×	FLOODLIGHTING POINT
ADB407		LAMP POLE FOR STREET/ROAD/EXTERNAL LIGHTING
ADB408	×	FLUORESCENT LUMINAIRE, 600mm SINGLE
ADB409	×	FLUORESCENT LUMINAIRE, 600mm TWIN

Symbol Name	Graphical Presentation	Description
ADB410	×	FLUORESCENT LUMINAIRE, 1200mm SINGLE
ADB411		FLUORESCENT LUMINAIRE, 1200mm TWIN
ADB412	<u>}</u>	FLUORESCENT LUMINAIRE, 1500mm SINGLE
ADB413	,∰	FLUORESCENT LUMINAIRE, 1500mm TWIN
ADB414	*	FLUORESCENT LIGHTING PANEL, 600x300mm
ADB415	*	FLUORESCENT LIGHTING PANEL, 600x600mm
ADB416	Ж	FLUORESCENT LIGHTING PANEL, 1200x300mm

Symbol Name	Graphical Presentation	Description
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
ADB421	×	FLUORESCENT LUMINAIRE, 1200mm TWIN, WALL MOUNTED
ADB422		FLUORESCENT LUMINAIRE, 1500mm SINGLE, WALL MOUNTED
ADB423		FLUORESCENT LUMINAIRE, 1500mm TWIN, WALL MOUNTED

Symbol Name	Graphical Presentation	Description
ALPP		AREA LIGHT POINT (POLE MOUNT)
BHLGHT	Bł	BULKHEAD LIGHT
BO_E01	(BOLLARD No.) ★	EXISTING BOLLARD
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

Symbol Name	Graphical Presentation	Description
CT_P01	(CONTROLLER TYPE) CONTROLLER No.)	PROPOSED PUBLIC LIGHTING CONTROLLER
DL_PL1	ж——— с — — —	PROPOSED PUBLIC LIGHTING CABLE DIRECT LAID UNDERGROUND
DP_E01		EXISTING LIGHTING DRAWPIT
DP_P01		PROPOSED LIGHTING DRAWPIT
DS_E01	↑ D.S. ▼ (D.S. No.)	EXISTING DIRECTIONAL SIGN
DS_P01	↑ D.S. ★ (D.S. No.)	PROPOSED DIRECTIONAL SIGN
DU_PL1	ж—— D — — —	PROPOSED PUBLIC LIGHTING DUCTING CABLE UNDERGROUND

Symbol Name	Graphical Presentation	Description
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
GS_EL1	G.S. (G.S.No.)	EXISTING GANTRY SIGN
GS_PL1	G.S. (G.S.No.)	PROPOSED GANTRY SIGN

Symbol Name	Graphical Presentation	Description
HBLGHT	(H*L)	HIGHBAY LIGHT
LTG2	× ×	EMERGENCY LIGHT
NO_E01	N.O.	EXISTING NORMAL OPEN POINT
NO_P01	<u>₩</u>	PROPOSED NORMAL OPEN POINT
OH_EL1	ж OHL	EXISTING PUBLIC LIGHTING OVERHEAD LINE
OH_PL1	ж— — OHL — — —	PROPOSED PUBLIC LIGHTING OVERHEAD LINE
PC_EL1	*	EXISTING PUBLIC LIGHTING CABLE UNDERGROUND

Symbol Name	Graphical Presentation	Description
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
PL_P02	o mo (LAMP TYPE №.)	PROPOSED DOUBLE ARM PUBLIC LIGHT
PL_P03	⊕ (LAMP TYPE No.)	PROPOSED PUBLIC LIGHT UNDER BRIDGE
SC_EL1	ж S	EXISTING PUBLIC LIGHTING UNDERGROUND CABLE WITH SHALLOW DEPTH(<900mm for CARRIAGEWAY & <450mm for PAVEMENT)

Symbol Name	Graphical Presentation	Description
SL_E01	⊛► (LAMP No.)	EXISTING SOFFIT LIGHT
SL_P01	⊛⊳ (LAMP TYPE No.)	PROPOSED SOFFIT LIGHT
SLPP		SECURITY LIGHT POINT (POLE MOUNT)
SLPW		SECURITY LIGHT POINT
TM_E01		EXISTING TERMINATION
TM_P01	*	PROPOSED TERMINATION
WM_E01	W.M. (LAMP No.)	EXISTING WALL MOUNTED LIGHT

Symbol Name	Graphical Presentation	Description
WM_EL1	ж	EXISTING WALL MOUNTED PUBLIC LIGHTING CABLE
WM_P01	W.M. (LAMP TYPE No.)	PROPOSED WALL MOUNTED LIGHT
WM_PL1	ж— — — 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	VÇR	VIDEO CASSETTE RECORDER TIME LAPSE TYPE
ADB525	M	HEAVY DUTY DOOR MAGNETIC SWITCH
ADB526	X	CEILING MOUNTED PASSIVE INFRARED & MICROWAVE DUAL DETECTION MOTION DETECTOR
ADB527	E	EMERGENCY BREAK GLASS FOR CARD ACCESS READER

Symbol Name	Graphical Presentation	Description
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		EXIT CONTROL LOCK WITH REMOTE SIGNAL INDICATION
ADB532	P	LOCKING TYPE DURRESS BUTTON
ADB533	BREAK	GLASS BREAK DETECTOR
ADB534		ELECTRIC DOOR STRIKE

Symbol Name	Graphical Presentation	Description
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	CATV	EXISTING WHARF CABLE DUCT
CATVAB	CATV₩	EXISTING WHARF CABLE DUCT ABANDONED

Symbol Name	Graphical Presentation	Description
САТУР	ж— — CATV — — —	PROPOSED WHARF CABLE DUCT
CCAB		EXISTING CABLE & WIRELESS PCCW HKT CABINET
ССАВР		PROPOSED CABLE & WIRELESS PCCW HKT CABINET
CDPIT		EXISTING TELEPHONE DRAWPIT
CDPITP	T	PROPOSED TELEPHONE DRAWPIT
CHCL	———— HCL ———————————————————————————————	EXISTING HUTCHISON CABLE DUCT
CHCLAB		EXISTING HUTCHISON CABLE DUCT ABANDONED

Symbol Name	Graphical Presentation	Description
CHCLP	ж— — HCL — — —	PROPOSED HUTCHISON CABLE DUCT
СНКТ	——— нкт ————————————————————————————————	EXISTING CABLE & WIRELESS PCCW HKT CABLE DUCT
СНКТАВ	HKT₩	EXISTING CABLE & WIRELESS PCCW HKT CABLE DUCT ABANDONED
СНКТР	ж— — — нкт — — —	PROPOSED CABLE & WIRELESS PCCW HKT CABLE DUCT
CJBOX		EXISTING TELEPHONE JOINT BOX
СЈВОХР	T	PROPOSED TELEPHONE JOINT BOX
СМН	$\overline{*}$	EXISTING TELEPHONE MANHOLE

Symbol Name	Graphical Presentation	Description
СМНР		PROPOSED TELEPHONE MANHOLE
CNTT		EXISTING NEW T&T CABLE DUCT
CNTTAB	NTT₩	EXISTING NEW T&T CABLE DUCT ABANDONED
CNTTP	ж— — NTT — — —	PROPOSED NEW T&T CABLE DUCT
CNWT		EXISTING NEW WORLD CABLE DUCT
CNWTAB	N₩T Ж	EXISTING NEW WORLD CABLE DUCT ABANDONED
CNWTP	ж— — NWT — — —	PROPOSED NEW WORLD CABLE DUCT

Symbol Name	Graphical Presentation	Description
CPOLE		EXISTING CABLE & WIRELESS PCCW HKT POLE
CPOLEP		PROPOSED CABLE & WIRELESS PCCW HKT POLE
EMS101		CCTV CAMERA MOUNTING 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	H *	HEADSET / HEADPHONE
EMS202	×	SPEAKER

Symbol Name	Graphical Presentation	Description
EMS203	XIH	HORN SPEAKER
EMS204	×	VOLUME CONTROL PANEL
EMS205	PA *	PA SYSTEM EQUIPMENT
EMS207	A A	ANTENNA
EMS208	M.	WEATHERPROOF TYPE MICROPHONE
EMS209	× M	MICROPHONE
EMS210	())	CEILING / FALSE CEILING SPEAKER

Symbol Name	Graphical Presentation	Description
EMS211	*	WEATHERPROOF TYPE SPEAKER
EMS212	× S	SOUND SYSTEM EQUIPMENT
EMS213	M	HANGING / FLOOR STANDING

Symbol Name	Graphical Presentation	Description
ADB701	HEAT	COMBINATION TYPE HEAT DETECTOR, SINGLE LAYER UNDER CEILING/FLOOR SLAB
ADB702	HEAT	COMBINATION TYPE HEAT DETECTOR, SINGLE LAYER INSIDE FALSE CEILING
ADB703	HEAT	RATE OF RISE TEMPERATURE HEAT DETECTOR, SINGLE LAYER
ADB704	EXPLANE-PROOF	INSTRINSICALLY SAFE HEAT DETECTOR, SINGLE LAYER UNDER CEILING/FLOOR SLAB
ADB705	FIRE	FIRE RESISTANT HEAT DETECTOR FOR RECYCLING SPRINKLER SYSTEM, SINGLE LAYER, UNDER CEILING/FLOOR SLAB
ADB706	FIRE	FIRE RESISTANT HEAT DETECTOR FOR RECYCLING SPRINKLER SYSTEM, SINGLE LAYER, INSIDE FALSE CEILING
ADB707	SM®RE	SMOKE DETECTOR, SINGLE LAYER UNDER CEILING/FLOOR SLAB

Symbol Name	Graphical Presentation	Description
ADB708	EXPLOSIVE-PROOF	INSTINSICALLY SAFE SMOKE DETECTOR, SINGLE LAYER UNDER CEILING/FLOOR SLAB
ADB709	SMORE	SMOKE DETECTOR, SINGLE LAYER INSIDE FALSE CEILING
ADB710	SMAREHIELD	SMOKE DETECTOR, SINGLE LAYER C/W ANTI- CONDENSATION HEATER & WIND SHIELD
ADB711	$\bigwedge_{\mathbb{X}}$	REMOTE INDICATION LIGHT AT H/L
ADB712	REMOTE-W	REMOTE INDICATION LIGHT AT H/L (WEATHERPROOF TYPE)
ADB713	€ ₩	BREAK GLASS UNIT
ADB714		150mm DIA. FIRE ALARM BELL

Symbol Name	Graphical Presentation	Description
ADB715	○ ₩	250mm DIA. WEATHERPROOF MASTER FIRE ALARM BELL
ADB716	EXIT	EXIT SIGN
ADB717	$EXIT \uparrow$	FLASHED DIRECTIONAL EXITSIGN (STRAIGHT ON)
ADB718	$\leftarrow E_{\underline{*}} \times T$	FLASHED DIRECTIONAL EXITSIGN(TURN LEFT)
ADB719	$\mathbb{E} \times \mathbb{I}_{\mathbb{X}} \to$	FLASHED DIRECTIONAL EXITSIGN(TURN RIGHT)
ADB720	EXIT DS-D	BOTH SIDE ILLUMINATED FLASHED DIRECTIONAL EXITSIGN (STRAIGHT ON)
ADB721	€ EXIES-D	BOTH SIDE ILLUMINATED FLASHED DIRECTIONAL EXITSIGN (TURN LEFT)

Symbol Name	Graphical Presentation	Description
ADB722	EXIT BS-D	BOTH SIDE ILLUMINATED FLASHED DIRECTIONAL EXITSIGN (TURN RIGHT)
ADB723	LOUDSPEAKER	LOUD SPEAKER FOR AUDIO/VISUAL ADVISORY SYSTEM
ADB724	A/VPANEL	AUDIO/VISUAL ADVISORY SYSTEM CONTROL PANEL
H2OFS	(FE)	H20 FIRE EXTINGUISHER

Symbol Name	Graphical Presentation	Description
ADB551		VIDEO CABLE CONNECTOR UNIT
ADB552	VMD *	VIDEO MOTION DETECTOR
ADB553		PHOTOELECTRIC SENSOR (TRANSMITTER)
ADB554	R	PHOTOELECTRIC SENSOR (RECEIVER)
ADB555	KICK	KICK BAR
ADB556		SPEAKER
EMS206	X IL	INDUCTION LOOP SYSTEM EQUIPMENT

Symbol Name	Graphical Presentation	Description
EMS301	F	FINGERPRINT RECOGNITION DEVICE
EMS302	EAB	ELECTRICAL ARM BARRIER
EMS303		LOOP DETECTOR
EMS304	×	INTERCOM UNIT
EMS305		VIDEO (PHONE) INTERCOM UNIT
EMS306	Tn	TURNSTILE
EMS307	TC *	TURNSTILE CONTROL EQUIPMENT

Symbol Name	Graphical Presentation	Description
EMS308	AA	ALERT ALARM
EMS309	Do	MAGNETIC DOOR CONTACT
EMS310	_Id	INDICATOR
EMS311	DL.	ELECTRIC DOOR LOCK
EMS312	R *	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	* P	DOL MOTOR STARTER
DT		DULL TUBE

Symbol Name	Graphical Presentation	Description
EARTH		DN CONDUCTOR TO EARTH
EL		EARTHING LUG
EMS401	SI *	SYSTEM EQUIPMENT
EMS402	* *	SCOREBOARD
EMS403	Re	RE-SENSITIZING EQUIPMENT
EMS404	, De	DE-SENSITIZING EQUIPMENT
EMS405	* BT	BOOK DETECTION SYSTEM EQUIPMENT EQUIPMENT

Symbol Name	Graphical Presentation	Description
EMS406	* BB	DISPLAY BOARD
EMS407	* *	DISPLAY LIGHT BOX
EMS408	#IDP	INFORMATION DISPLAY PANEL
EMS409	* PD	PLASMA DISPLAY
EMS410	SC *	SCOREBOARD CONTROL EQUIPMENT
EMS411	X X	DATA / IT SOCKET
EMS412	"Pn *	PRINTER / TICKET PRINTER

Symbol Name	Graphical Presentation	Description
EMS413	* VC	VIDEO CONFERENCING SYSTEM
EMS414	* PC	COMPUTER
EMS415	Dm	LIGHT DIMMER CONTROL EQUIPMENT
EMS416	* RC	REMOTE CONTROL PANEL
EMS417	MS *	MOTORIZED SCREEN
EMS418	* *	PROJECTOR LIFT
EMS419	* *	VIDEO PROJECTOR

Symbol Name	Graphical Presentation	Description
EMS420	AV .	AUDIO / VISUAL SYSTEM EQUIPMENT
EMS421	*IS	ISDN SOCKET
EMS422	R X	QUEUING SYSTEM EQUIPMENT
EMS423	Tm *	TIMER / TIMING EQUIPMENT
ETP		EARTHING TEST POINT
FAN1		ROOF EXTRACTION FAN
FCT		FAN CONTROL THERMOSTAT

Symbol Name	Graphical Presentation	Description
FS	FS *	FUSE
FSC	*20	CLOSES ON INCREASING FLOW
FSO	×OO	OPENS ON INCREASING FLOW
INDUCM	(M) (3)	INDUCTION MOTOR
JUNBOX		JUNCTION BOX
LK	×) O	FUSE LINK
LLSC	×2-0	CLOSES ON RISING LEVEL

Symbol Name	Graphical Presentation	Description
LLSO	×oo	OPENS ON RISING LEVEL
LP		LAMP POST
LSC	× C	LIMIT SWITCH MAKE CONTACT
LSO	X) V	LIMIT SWITCH BREAK CONTACT
LX	Ť	LEVEL ELECTRODE
МСВ	*	МСВ
MITK	*	MECHANICAL INTERLOCK

Symbol Name	Graphical Presentation	Description
NC	× O	MAKE CONTACT
NCDB	×) O	MAKE CONTACT WITH DELAYED BREAK
NCDM	X) O	BREAK CONTACT WITH DELAYED MAKE
NCL	\star	BREAK CONTACT- LATCHED
NO	*	BREAK CONTACT
NODB	*	MAKE CONTACT WITH DELAYED BREAK
NODM		BREAK CONTACT WITH DELAYED MAKE

Symbol Name	Graphical Presentation	Description
NOL	*	MAKE CONTACT- LATCHED
PBBC		PUSH BUTTON BREAK CONTACT
PBBCL		PUSH BUTTON BREAK CONTACT LATCHED
PBMCL		PUSH BUTTON MAKE CONTACT LATCHED
PE		EARTH PLATE
PSC	×2O	CLOSES AT RISING TEMPERATURE
PSO	×o	OPENS AT RISING PRESSURE

Symbol Name	Graphical Presentation	Description
RL	×	RELAY
RLHR		LATCHED RELAY (HAND RESET)
RLL	×	LATCHED RELAY
SDS	* Å	STAR-DELTA MOTOR STARTER
STAR	×	STARTER AND CONTROL PANEL
TELJB		TELEMETRY JUNCTION BOX
THT	* (t°)	TEMPERATURE SENSITIVE SWITCH

Symbol Name	Graphical Presentation	Description
TMR	×	TIMING RELAY
TSC	× C	CLOSES ON RISING TEMPERATURE
TSO		OPENS ON RISING TEMPERATURE
TX_DS		3 PHASE TRANSFORMER DELTA-STAR CONNECTED

Symbol Name	Graphical Presentation	Description
740BT1		BATH TUB -PLAN
740BT2		BATH TUB - ELEVATION
740SB1	Image: Weight of the second	SINK WITH DRAINBOARD - PLAN
740SB2	*	SINK WITH DRAINBOARD - ELEVATION
740SC1		CLEANER SINK - PLAN
740SC2	*	CLEANER SINK - ELEVATION
740SD1		SINK WITH DOUBLE BOWELS - PLAN

Symbol Name	Graphical Presentation	Description
740SD2	*	SINK WITH DOUBLE BOWELS - ELEVATION
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

Symbol Name	Graphical Presentation	Description
740TR1	°	SHOWER TRAY - PLAN
740TR2		SHOWER TRAY - ELEVATION
740UR1	T A A A A A A A A A A A A A A A A A A A	URINAL - PLAN
740UR2	Г. ж	URINAL - ELEVATION
740UR3	ж	URINAL - SIDE ELEVATION
740UR4	Ŵ	URINAL DIVIDER
740WB1	×	WASH BASIN - PLAN

Symbol Name	Graphical Presentation	Description
740WB2		WASH BASIN - ELEVAITON
	ж	
740WC1		WATER CLOSET - PLAN
740WC2		WATER CLOSET - ELEVATION
740WC3	* *	WATER CLOSET - P TRAP - SIDE ELEVATION
740WC4		WATER CLOSET - S TRAP - SIDE ELEVATION+E66
740WT1		WATER TAP

Class	800	- TRANSPORT INFRASTRUCTURE	
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Symbol Name	Graphical Presentation	Description
BA	*	BARRIERS
BM		BENCH MARK
BO	× ×	BOLLARD AT ROAD
BQ	₿	BOLLARD AT QUAY
BS	B*S	BOUNDARY STONE
BY		BUOY
CD	ж CD	CABLE DUCT

Symbol Name	Graphical Presentation	Description
CP1	*	САТСН РІТ
DO	D @	DOLPHIN
EP	E ®	ELECTRIC POLE
FH		FIRE CSHRANT
FN	(x)	FOUNTAIN
FU	FU	FUEL CSHRANT PIT
FX	×	FENCE AND/OR RAILING

Symbol Name	Graphical Presentation	Description
G1		GRATING (1 PT.)
GP		GAS PIPE
	ж GP	
GU	*	GULLY
HD	ж———— HD ————	HEAVY DRAWOFF HYDRANT
HG	*	HEDGE
HW	₩———— <u>HWM</u>	HIGH WATER MARK
IN	$(\mathbf{x}) \mathbf{v} $	INCLINOMETER TUBE

Symbol Name	Graphical Presentation	Description
LB	LB	LETTER BOX
LH		BEACON/LIGHT HOUSE
LP	@	LAMP POST
LT	 ⊛	TAXIWAY LIGHT
ME	• •	MILESTONE
MF	Ж	MANHOLE FOUL WATER/SEWER
МО	\mathbb{M}	MONUMENT/SCULPTURE/ STATUE

Symbol Name	Graphical Presentation	Description
MS	*	MANHOLE STORM WATER
MT	×	MANHOLE TELEPHONE
MW	W	MANHOLE WATERWORKS
NX	ж NB	NOISE BARRIER
PZ	× PZ	PIEZOMETER TUBE
RA	\mathbb{R}	RESTRICTED ACCESS
SN	\times SN	SOIL NAIL

Symbol Name	Graphical Presentation	Description
SP	SP ®	STANDPIPE
SR	*>	STREAM COURSE/RIVER
SS	SH	SHRINE_SMALL
STN		CONTROL STATION
SX		STEPPED CHANNEL
TE	<pre></pre>	TREE
TG	TG	TIDE GAUGE

Symbol Name	Graphical Presentation	Description
TI	*	TRAFFIC ISLAND
TL		TRAFFIC LIGHT
TP	 ₩	TELEPHONE POLE
TRI	*	TRIGONOMETRICAL STATION
UR		BURIAL URN
VF		VALVE FIRE
VG	×G	VALVE GAS

Symbol Name	Graphical Presentation	Description
VV	×	VALVE
VW		VALVE WATERWORKS
WL	₩ ⊛	WELL
WM	ж W	WATER MAIN
WP	•	WATER POINT
WR	×	VERTICAL CUTTING/RETAINING WALL
WX		FREE STANDING WALL

Symbol Name	Graphical Presentation	Description
ХР		UNCLASSIFIED DOT/POINT FEATURE

Symbol Name	Graphical Presentation	Description
BO	× ×	BOLLARD AT ROAD

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	(A)	OVERHEIGHT VEHICLE DETECTION ALARM (ALARM OFF)
EMS506	E T	EMERGENCY TELEPHONE
EMS507	X	TUNNEL CLOSED SIGN (TUNNEL CLOSED)

Class 830 - TRANSPORT INFRASTRUCTURE

Symbol Name	Graphical Presentation	Description
EMS508	⊛−0−0−0−0	TRAFFIC CONE
EMS509	× O	TUNNEL CLOSED SIGN (TUNNEL OPENED)
EMS510		TRAFFIC LIGHT SIGNAL
EMS511		FLASHING AMBER ON
EMS512		REMOTE CONTROL SIGN
EMS513	* VPM	VARIABLE MESSAGE SIGN (VPM)
EMS514		LANE CONTROL SIGNAL, 3 ASPECT

Class 830 - TRANSPORT INFRASTRUCTURE

Symbol Name	Graphical Presentation	Description
EMS515		LANE USE SIGNAL WITH FLASHING AMBER (MATRIX SIGN)
EMS516		LANE CONTROL SIGNAL, 1 ASPECT

Class 840 - TRANSPORT INFRASTRUCTURE

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

Symbol Name	Graphical Presentation	Description
FENCE	*	EXISTING FENCING
FENCED	X ⋇	EXISTING FENCE TO BE DEMOLISHED
FENCEP	×	PROPOSED FENCING
FENCET	O×	PROPOSED TEMPORARY FENCE
GATEP		PROPOSED GATE
HOARD	—— Н ——ж	PROPOSED HOARDING

Symbol Name	Graphical Presentation	Description
550MDC		550 MEDIUM DUTY MANHOLE COVER
BAFWAL	BW	PROPOSED BAFFLE WALL FOR SLOPE CHANNEL
DARR	*	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

Symbol Name	Graphical Presentation	Description
DPIPE		EXISTING DRAIN PIPE
DPIPED		EXISTING DRAIN TO BE DEMOLISHED
DPIPEP	×	PROPOSED DRAIN PIPE
DSSOL		EXISTING SUB-SOIL DRAIN
DSSOLP	SS Ж	PROPOSED SUB-SOIL DRAIN
DSTEP		EXISTING STEPPED CHANNEL
DSTEPP		PROPOSED STEPPED CHANNEL

Symbol Name	Graphical Presentation	Description
DUCHP		PROPOSED U-CHANNEL
ECPIT		EXISTING CATCHPIT
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

Symbol Name	Graphical Presentation	Description
PS_EL3	Ţ.	PENSTOCK ELEVATION - TYPE 3
PS_PL1		PENSTOCK PLAN - TYPE 1
PS_PL3		PENSTOCK PLAN - TYPE 3
PSWDPM	*	PROPOSED SWD PIPELINE AND MANHOLE
RDRAIN	(¥) ▼	PROPOSED RAKING DRAIN ON SLOPE
SWDMH	*	SWD MANHOLE/CHAMBER/SPE CIAL MANHOLE

Symbol Name	Graphical Presentation	Description
ERM	RM	EXISTING RISING MAIN
ESMOF	$\ast \qquad \qquad$	EXISTING SUBMARINE OUTFALL
ESPM	×	EXISTING SEWER PIPELINE AND MANHOLE
ESTRAP	×	EXISTING SAND TRAP
ETM	■ SEWER ⊛ SWD	EXISTING TERMINAL MANHOLE
ETPL	*	EXISTING TAPPING PIPELINE
ETRM	₩ RM	EXISTING TWIN RISING MAIN

Symbol Name	Graphical Presentation	Description
PRM	- — — RM — — *	PROPOSED RISING MAIN
PSMOF	<i> ×</i> − − + + + + + <i>→</i>	PROPOSED SUBMARINE OUTFALL
PSPM	_	PROPOSED SEWER PIPELINE AND MANHOLE
PSTRAP		PROPOSED SAND TRAP
РТМН	□ SEWER ⊛ SWD	PROPOSED TERMINAL MANHOLE
РТР	*	PROPOSED TAPPING PIPELINE
PTRM	= $=$ $=$ RM $=$ $=$ $*$	PROPOSED TWIN RISING MAIN

Symbol Name	Graphical Presentation	Description
SEWMH	*	SEWER MANHOLE/CHAMBER/SPE CIAL MANHOLE

Symbol Name	Graphical Presentation	Description
GRAVE	B	EXISTING GRAVE
NBP	ж— — NB — —	PROPOSED NOISE BARRIER

Symbol Name	Graphical Presentation	Description
PALM_E	A A A A A A A A A A A A A A A A A A A	PALM TREE - ELEVATION
PALM_P	K	PALM TREE - PLAN
TREE		EXISTING TREE
TREE_E	Â.	TREE - ELEVATION
TREE_P	*	TREE - PLAN
TREEF		EXISTING TREE TO BE FELLED
TREEFD		EXISTING TREE ALREADY FELLED

Symbol Name	Graphical Presentation	Description
TREET		EXISTING TREE TRANSPLANTED

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

Part 2

CSWP Line-styles

Class 110 - GROUND, SUB-STRUCTURE

Linestyle Name	Graphical Presentation	Description
GBOUND	× ?	GEOLOGICAL BOUNDARY
RHEAD1	*	ROCK HEAD BOUNDARY
WTABLE	×	GROUND WATER TABLE LEVEL

Class 340 - SECONDARY ELEMENTS

Linestyle Name	Graphical Presentation	Description
HRAIL1	жО	PROPOSED HANDRAILING ON BERM OF SLOPE

Class 510 - SERVICES, MAINLY PIPED, DUCTED

Linestyle Name	Graphical Presentation	Description
EFWM	₩ FW	EXISTING FRESH WATER MAIN
ESWM	ж sw	EXISTING SALT WATER MAIN
RWM	*	RAW WATER MAIN

Class 540 - SERVICES, MAINLY PIPED, DUCTED

Linestyle Name	Graphical Presentation	Description
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	<u> </u>	PROPOSED LOW PRESSURE GAS MAIN
GSM	ж	EXISTING MEDIUM PRESSURE GAS MAIN

Class 540 - SERVICES, MAINLY PIPED, DUCTED

Linestyle Name	Graphical Presentation	Description
GSMAB	₩//Δ/	EXISTING MEDIUM PRESSURE GAS MAIN ABANDONED
GSMP	×	PROPOSED MEDIUM PRESSURE GAS MAIN

Linestyle Name	Graphical Presentation	Description
E11	₩ 11₩	EXISTING 11KV ELECTRICITY CABLE
E11AB	₩ <i>≁</i> → 11₩	EXISTING 11KV ELECTRICITY CABLE ABANDONED
E11P	₩——— 11kV ———	PROPOSED 11KV ELECTRICITY CABLE
E132	₩ 132kV	EXISTING 132KV ELECTRICITY CABLE
E132AB	Ж≠—≠— 132kV — ≠—≠—	EXISTING 132KV ELECTRICITY CABLE ABANDONED
E132P	₩—— 132kV ———	PROPOSED 132KV ELECTRICITY CABLE
E33	ж 33kV	EXISTING 33KV ELECTRICITY CABLE

Linestyle Name	Graphical Presentation	Description
E33AB	₩~~~~~ 33kV ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	EXISTING 33KV ELECTRICITY CABLE ABANDONED
E33P	₩—— 33kV ———	PROPOSED 33KV ELECTRICITY CABLE
E400	₩	EXISTING 400KV ELECTRICITY CABLE
E400AB	₩ 400kV	EXISTING 400KV ELECTRICITY CABLE ABANDONED
E400P	— — 400kV — — —	PROPOSED 400KV ELECTRICITY CABLE
E66	ж 66kV	EXISTING 66KV ELECTRICITY CABLE
E66AB	Ж-/ 66kV/	EXISTING 66KV ELECTRICITY CABLE ABANDONED

Linestyle Name	Graphical Presentation	Description
E66P	Ж——— 66kV ———	PROPOSED 66KV ELECTRICITY CABLE
EDUCT	──── 66kV ────	EXISTING ELECTRICITY CROSS ROAD DUCT
EDUCTP	₩——— 66kV ———	PROPOSED ELECTRICITY CROSS ROAD DUCT
EHTC	Ж нт	EXISTING HIGH TENSION ELECTRICITY CABLE
EHTCAB	Ж / / НТ // /	EXISTING HIGH TENSION ELECTRICITY CABLE ABANDONED
ЕНТСР	ж— — HT — — —	PROPOSED HIGH TENSION ELECTRICITY CABLE
ELTCAB	Ж / / ЦТ ////	EXISTING LOW TENSION ELECTRICITY CABLE ABANDONED

Linestyle Name	Graphical Presentation	Description
ELTCP	ж— — LT — — —	PROPOSED LOW TENSION ELECTRICITY CABLE

Linestyle Name	Graphical Presentation	Description
DL_PL1	ж——— с — ——	PROPOSED PUBLIC LIGHTING CABLE DIRECT LAID UNDERGROUND
DU_PL1	ж—— D — — —	PROPOSED PUBLIC LIGHTING DUCTING CABLE UNDERGROUND
OH_EL1	ж OHL	EXISTING PUBLIC LIGHTING OVERHEAD LINE
OH_PL1	ж— — — OHL — — —	PROPOSED PUBLIC LIGHTING OVERHEAD LINE
PC_EL1	ж	EXISTING PUBLIC LIGHTING CABLE UNDERGROUND
SC_EL1	ж s	EXISTING PUBLIC LIGHTING UNDERGROUND CABLE WITH SHALLOW DEPTH (< 900mm for CARRIAGEWAY & < 450mm for PAVEMENT)
WM_EL1	ж	EXISTING WALL MOUNTED PUBLIC LIGHTING CABLE

Linestyle Name	Graphical Presentation	Description
WM_PL1	ж— — — WM — — —	PROPOSED WALL MOUNTED PUBLIC LIGHTING CABLE

Linestyle Name	Graphical Presentation	Description
CATV	CATV	EXISTING WHARF CABLE DUCT
CATVAB	CATV₩	EXISTING WHARF CABLE DUCT ABANDONED
CATVP	ж— — CATV — — —	PROPOSED WHARF CABLE DUCT
CHCL	———— HCL ———————————————————————————————	EXISTING HUTCHISON CABLE DUCT
CHCLAB		EXISTING HUTCHISON CABLE DUCT ABANDONED
CHCLP	ж— — HCL — — —	PROPOSED HUTCHISON CABLE DUCT
СНКТ	———— нкт ———————————————————————————————	EXISTING CABLE & WIRELESS PCCW HKT CABLE DUCT

Linestyle Name	Graphical Presentation	Description
СНКТАВ	—/—/— HKT ——/—/—Ж	EXISTING CABLE & WIRELESS PCCW HKT CABLE DUCT ABANDONED
СНКТР	ж— — нкт — — —	PROPOSED CABLE & WIRELESS PCCW HKT CABLE DUCT
CNTT		EXISTING NEW T&T CABLE DUCT
CNTTAB		EXISTING NEW T&T CABLE DUCT ABANDONED
CNTTP	ж—— NTT — — —	PROPOSED NEW T&T CABLE DUCT
CNWT	NWT	EXISTING NEW WORLD CABLE DUCT
CNWTAB	N₩T¥	EXISTING NEW WORLD CABLE DUCT ABANDONED

Linestyle Name	Graphical Presentation	Description
CNWTP	ж— — NWT — — —	PROPOSED NEW WORLD CABLE DUCT

Class 800 - TRANSPORT INFRASTRUCTURE

Linestyle Name	Graphical Presentation	Description
BA	*	BARRIERS
CD	ж CD	CABLE DUCT
FX	×	FENCE AND/OR RAILING
GP	ж GP	GAS PIPE
HD	ж———— HD ————	HOARDING
NX	ж NB	NOISE BARRIER
SX	ж— н → н	STEPPED CHANNEL

Class 800 - TRANSPORT INFRASTRUCTURE

Linestyle Name	Graphical Presentation	Description
WM	₩	WATER MAIN
WR	*	VERTICAL CUTTING/RETAINING WALL
WX		FREE STANDING WALL

Linestyle Name	Graphical Presentation	Description
FENCE	×	EXISTING FENCING
FENCED	X *	EXISTING FENCE TO BE DEMOLISHED
FENCEP	———	PROPOSED FENCING
FENCET	——— Ож	PROPOSED TEMPORARY FENCE
HOARD	—— Н ——ж	PROPOSED HOARDING

Linestyle Name	Graphical Presentation	Description
ERM	RM	EXISTING RISING MAIN
ETRM	RM	EXISTING TWIN RISING MAIN
PRM	- — — RM — — *	PROPOSED RISING MAIN
PTRM	$=$ $=$ $=$ RM $=$ $=$ \neq	PROPOSED TWIN RISING MAIN

Linestyle Name	Graphical Presentation	Description
NBP	ж— — NB — —	PROPOSED NOISE BARRIER