

Abbreviations

The following standard abbreviations shall be used in the WSD Standard Drawings.

Material

C.I.	Cast iron
CONC.	Concrete
D.I.	Ductile iron
G.I.	Galvanized iron
G.M.S.	Galvanized mild steel
G.R.P.	Glass-fibre reinforced plastic
GALV.	Galvanized
H.W.	Hard wood
M.S.	Mild steel
PE 80	Polyethylene pipe, PN80
PE 100	Polyethylene pipe, PN100
PVC	Polyvinyl chloride
R.C.	Reinforced concrete
R.H.S.	Rectangular hollow section
R.S.J.	Rolled steel joist
S.S.	Stainless steel
UPVC	Unplasticised polyvinyl chloride

Mainlaying

B.F.	Blank flange
B.V.	Butterfly valve
B.V.B.	Bottom vertical bend
CSK	Countersunk
D.A.V.	Double air valve
D.M.M.	District metering meter
DN or dn	Nominal diameter
NS or ns	Nominal size of PE pipe
F.H.	Fire hydrant
F.M.C.	Flow measurement chamber

Abbreviations

F.W.	Fresh water
G.V.	Gate valve
H.B.	Horizontal bend
I.D.	Internal diameter
I.T.	Inspection tee
L.C.M.	Leakage collection manhole
L.N.C.	Leak noise correlation
M.B.V.	Motorized butterfly valve
M.H.T.	Manhole tee
N.R.V.	Non-return valve
O.D.	Outside diameter
P.C.D.	Pitch circle diameter
P.H.	Pedestal hydrant
P.P.	Pump pit
R.W.	Raw water
R.V.	Reflux valve
S.A.V.	Single air valve
S.C.	Stop cock
S.N.	Swan neck
S.T.S.	Self tapping saddle
S.V.	Sluice valve
S.W.	Salt water
T.V.B.	Top vertical bend
W.D.M.	Waste detection meter
W.O.	Washout

Building

E.G.L.	Existing ground level
F.B.L.	Finished basement level
F.F.L.	Finished floor level
F.G.L.	Finished ground level

Abbreviations

F.L.	Floor level
F.R.L.	Finished roof level
G.F.L.	Ground floor level
G.L.	Ground level
S.B.L.	Structural basement level
S.F.L.	Structural floor level
S.R.L.	Structural roof level

Service Reservoir

Cap.	Capacity
I.L.	Invert level
T.W.L.	Top water level
W.T.L.	Wall top level

Drainage

C.P.	Catchpit
C.U.C.	Covered U-channel
F.A.I.	Fresh air inlet
F.D.	Floor drain
G.T.	Gully trap
J.P.	Junction pit
M.H.	Manhole
R.D.	Roof drain
R.P.	Rodding pit
R.W.P.	Rainwater pipe
S.C.	Stepped channel
S.P.	Soil pipe
S.T.	Sand trap
S.W.D.	Storm water drain
U.C.	U-channel
V.P.	Vent pipe

Abbreviations

W.C.	Water closet
W.P.	Waste pipe

Installations

B/T	Balance tank
BPT	Break pressure tank
H/T	Header tank
P/H	Pump house
P/S	Pumping station
S/Q	Staff quarters
S/R	Service reservoir
T/W	Treatment works

Miscellaneous

BS	British standard
B.S.P.	British standard pipe
B.S.W.	British standard whitworth
C/C	Centre to centre
CLP	CLP Power Hong Kong Limited
COEF.	Coefficient
CSWP	Computer-Aided-Drafting standard for works projects
DIA. or Ø	Diameter
D.P.	Draw pit
DP.	Deep
DRG.	Drawing
E.P.	Earthing pit
EQ.	Equal
EXT.	External
FIG.	Figure
H.R.	Half-round

Abbreviations

H.V.	High voltage
HEC	Hong Kong Electric Company Limited
HKT	PCCW-HKT Telephone Limited
HOR.	Horizontal
INT.	Internal
L.J.S.C.	Loose jumper type stopcock
L.V.	Low voltage
MAX.	Maximum
MCT	Multi-cable transit
MIN.	Minimum
NO. or no.	Number
N.T.S.	Not to scale
R.B.	Reducing bush
RAD. or R	Radius
REF.	Reference
S.W.G.	Standard wire gauge
SK	Sketch
SQ.	Square
STG.	Staggered
THK.	Thick
T.P.I.	Threads per inch
VER.	Vertical
W.D.	Waste detection