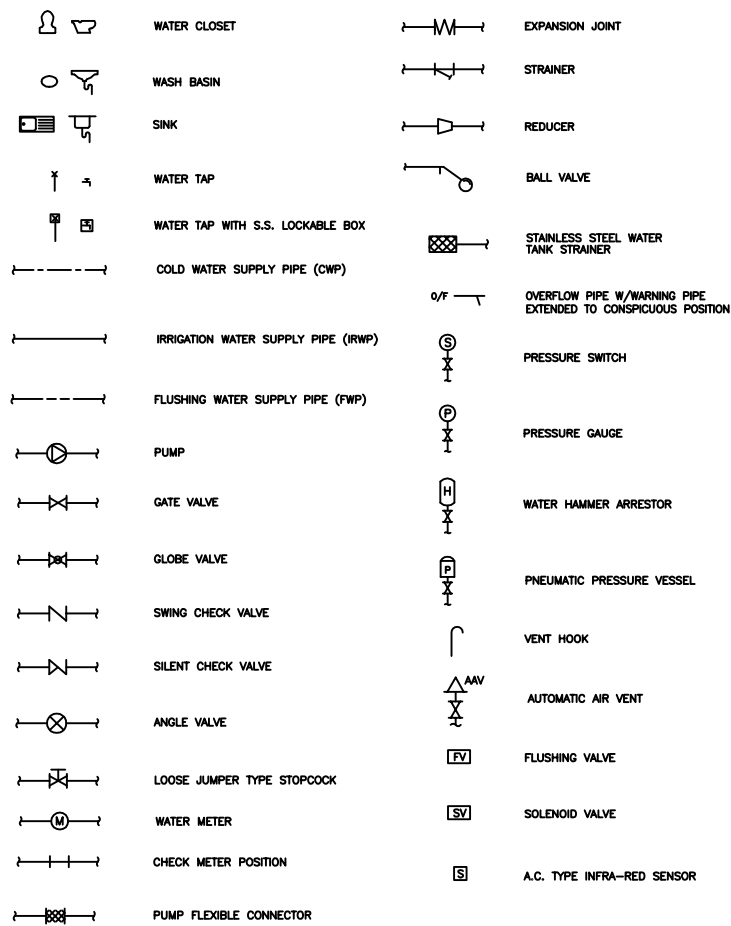


LEGENDS



GENERAL NOTES

- (1) UNLESS OTHERWISE STATED, ALL DIMENSIONS AND PIPE SIZES SHOWN ON THE DRAWINGS ARE IN mm.
- (2) ALL WATER WORKS REGULATIONS TO BE FULLY COMPLIED WITH LOCAL WATER AUTHORITY.
- (3) THE COMPLETE INSTALLATION SHALL BE IN FULL COMPLIANCE WITH THE LATEST EDITION OF THE WATER WORK REGULATIONS AND CIRCULAR LETTER OF THE WATER AUTHORITY.
- (4) ALL WATER METERS SHALL BE PROVIDED BY THE WATER AUTHORITY AND INSTALLED BY THIS CONTRACTOR.
- (5) ALL METER POSITION SHALL BE PROVIDED AT HORIZONTAL MANNER.
- (6) ALL PIPEWORKS SHALL BE CARRIED OUT BY A LICENSED PLUMBER TO SUIT THE REGULATION AND REQUIREMENTS OF THE WATER AUTHORITY.
- (7) UNLESS OTHERWISE STATED, ALL PLUMBING PIPEWORK SHALL BE CONCEALED IN FALSE CEILING, PIPE DUCTS OR CHASE IN NON-STRUCTURAL ELEMENT.
- (8) ALL FIBREGLASS WATER TANKS SHALL BE OF THE WATER AUTHORITY APPROVED TYPE.
- (9) METAL HINGED FLAPS OR GRATINGS ARE REQUIRED FOR THE OVERFLOW PIPES OF CISTERS/WATER TANKS AND SUCH OVERFLOW PIPES SHALL DISCHARGE IN CONSPICUOUS POSITIONS.
- (10) ALL WATER TANK COVERS TO BE DOUBLE SEALED AND MEDIUM DUTY FOR POTABLE WATER, AND SINGLE SEALED AND MEDIUM DUTY FOR OTHERS.
- (11) FIRE COLLAR SHALL BE PROVIDED FOR THE UPVC PIPE PASSING THROUGH FIRE COMPARTMENT WALL OR FLOOR SLABS.
- (12) ALL PIPEWORK PASSING THROUGH EXIT STAIRCASES, FIRE PROTECTED LOBBIES SHALL BE IN 2 HR. FIRE RATING ENCLOSURE.
- (13) ALL FLUSHING SUPPLY PIPE FITTINGS, VALVES AND FLUSHING APPARATUS MUST BE SUITABLE FOR SALT WATER USE.
- (14) ALL PIPES PASSING THROUGH WATER PROOFING WALL SHALL BE PROVIDED WITH PUDDLE FLANGE.
- (15) THE CONTRACTOR SHALL SUPPLY AND INSTALL THE EXPANSION JOINTS WHEREVER NECESSARY WHETHER THEY ARE INDICATED OR NOT ON THE DRAWINGS TO RELIEVE UNDUCE STRESSES IN THE PIPES DUE TO THERMAL EXPANSIONS AND CONTRACTIONS.
- (16) THE CONTRACTOR SHALL PROVIDE ACCESS DOOR/PANELS FOR PIPE DUCTS FOR INSPECTION AND MAINTENANCE OF THE PIPE.
- (17) AUTOMATIC CHANGE-OVER FACILITIES SHALL BE PROVIDED IN ORDER TO ALTERNATE THE OPERATION OF DUTY AND STANDBY PUMPS FOR FLUSHING AND POTABLE WATER SYSTEMS.
- (18) INTERGRALLY CAST OR SCREWED FLANGES TO B.S. 4504 : 1969, SUITABLE JOINTING RINGS OR FIBRE GASKETS TO B.S. 4866 : 1972 SHALL BE USED AND MUST BE COATED WITH JOINTING COMPOUND. FLANGE BOLTS SHALL BE HEXAGONAL HEADED BRIGHT STEEL COATED WITH RUSTOLEUM PAINT BEFORE INSTALLATION. BOLT THREADS SHALL PROTRUDE THROUGH NUT.
- (19) ALL EQUIPMENT LOCATED AT OPEN OR SEMI-OPEN AREA TO BE WEATHERPROOF TO IP 55.
- (20) ALL OVERFLOW PIPES FOR ALL STORAGE TANKS TO BE PROVIDED WITH ANTI-SIPHONAGE FITTING (AIR HOLE).
- (21) ALL OVERFLOW PIPES FOR ALL STORAGE TANK SHOULD BE DISCHARGE TO A CONSPICUOUS POSITION IN A COMMUNAL AREA EASILY VISIBLE AND ACCESSIBLE.
- (22) ALL UPVC PIPES PASSING THROUGH FIRE COMPARTMENT SHALL BE COMPLY WITH F.R.C. 10.5 & 10.6
- (23) NO PIPEWORK TO BE EMBEDDED IN STRUCTURAL ELEMENT

- (24) ALL UNDERGROUND PLUMBING PIPES SHALL LAID AT LEAST 1100mm DEPTH FROM THE SURFACE OF ROAD TO THE TOP OF PIPE.
- (25) FLOOR DRAIN SHALL BE PROVIDED AT EACH WATER METER POSITION.
- (26) THE FOLLOWING DRAWING PIPE DIAMETER IS EQUIVALENT TO THE MANUFACTURER PIPE SIZE.

PIPE SIZE SHOWN ON DRAWING (mm)	EQUIVALENT PIPE SIZE FROM MANUFACTURER/B.S. (mm)
20	22
25	28
32	35
40	42
50	54
65	67
80	76
100	108
150	159

ABBREVIATIONS

F/A	FROM ABOVE	(L)	LENGTH
F/B	FROM BELOW	B.S.	BRITISH STANDARD
T/A	TO ABOVE	DWG.	DRAWING
T/B	TO BELOW	EQ	EQUAL
H/L	HIGH LEVEL	L/S	LITRE PER SECOND
L/L	LOW LEVEL	C/W	COMPLETE WITH
M/L	MIDDLE LEVEL	TYP	TYPICAL
F.F.L	FINISHED FLOOR LEVEL	S.S.	STAINLESS STEEL
U/G	UNDERGROUND	G.I.	GALVANISED IRON
O.F.	OVERFLOW	G.S.	GALVANISED STEEL
CWP	COLD WATER PIPE	CU	COPPER
CLWP	CLEANSING WATER PIPE	D.I.	DUCTILE IRON
HWSP	HOT WATER SUPPLY PIPE	UPVC	UNPLASTICIZED PVC
HWRP	HOT WATER RETURN PIPE	LEVEL	LEVEL
FWP	FLUSHING WATER PIPE	Ø	DIAMETER
P.D.	PIPE DUCT	CL	CENTRE LINE
V.P.	VENT PIPE	C/C	CENTRE TO CENTRE
(W)	WIDTH	AFFL	ABOVE FINISHED FLOOR LEVEL
(D)	DEPTH	RSC & MRC	REFUSE STORAGE CHAMBER & MATERIAL RECOVERY CHAMBER
(H)	HEIGHT	IRP	IRRIGATION POINT
IRWP	IRRIGATION WATER PIPE		

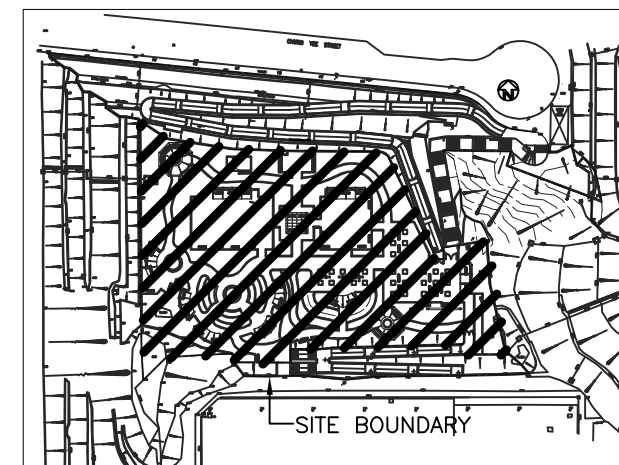
DRAWING LIST

AB/2263/WS001	LEGEND, ABBREVIATION, DRAWING LIST, GENERAL NOTES, PIPE MATERIAL SCHEDULE, BLOCK PLAN AND SCHEMATIC DIAGRAM
AB/2263/WS201	PLUMBING LAYOUT PLAN FOR GROUND FLOOR PLAN
AB/2263/WS301	STANDARD DETAILS FOR PLUMBING SYSTEM(1)
AB/2263/WS302	STANDARD DETAILS FOR PLUMBING SYSTEM(1)

MATERIAL SCHEDULE

DESCRIPTION	SIZE	MATERIAL OF PIPE
FLUSHING WATER SUPPLY PIPE	BOOSTER FEED FROM STORAGE TANKS AND BRANCH PIPE TO EACH DRAW-OFF POINT	Ø65 mm AND BELOW UPVC PIPES AND FITTINGS TO BS 3505 CLASS E IN GREY COLOUR (PERFORMANCE EQUIVALENT TO ISO 4422, PART 1 AND 2)
POTABLE WATER SUPPLY PIPE	SUPPLY PIPE TO METER POSITION	ALL SIZES COPPER PIPE TO BSEN 1057 TABLE 3/(R250) FOR ABOVE GROUND & (R290) FOR UNDER GROUND, AND COPPER CAPILLARY FITTINGS TO BS 864 PART 2
	SUPPLY PIPE AFTER METER POSITION TO EACH DRAW-OFF POINT	ALL SIZES COPPER PIPE TO BSEN 1057 TABLE 3/(R250) FOR ABOVE GROUND & (R290) FOR UNDER GROUND WITH PLASTIC COVER TO BS 3412, AND COPPER CAPILLARY FITTINGS TO BS 864 PART 2
IRRIGATION WATER SUPPLY PIPE	SUPPLY PIPE AFTER METER POSITION TO EACH DRAW-OFF POINT	ALL SIZES COPPER PIPE TO BSEN 1057 TABLE 3/(R250) FOR ABOVE GROUND & (R290) FOR UNDER GROUND, AND COPPER CAPILLARY FITTINGS TO BS 864 PART 2

BLOCK PLAN (SCALE 1:1000)



Notes :

01/12	ISSUE FOR TENDER	WT
No.	Date	Description
		Initial

Revision
Consultant Project No. 080101

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	Name	Signed	Date
Designed			
Drawn			
Checked			
Approved			

Contract No.

File No.

Project No. 420 RO

Consultant Agreement No. 9AS022

Contract LOCAL OPEN SPACE AT CHUNG YEE STREET, KOWLOON CITY DISTRICT

Drawing Title LEGEND, ABBREVIATION, DRAWING LIST, GENERAL NOTES, PIPE MATERIAL SCHEDULE, BLOCK PLAN & SCHEMATIC DIAGRAM

Drawing No. BS/2263/WS001 Scale N.T.S.

Approved	Signed (Chief)	04 JUL 2008 (Date)
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ARCHITECTURAL SERVICES DEPARTMENT

SCHEMATIC DIAGRAM

