



- NOTES:**
1. ALL CABLING WITHIN THE BUILDING TO BE OVERHEAD ON CABLE TRAYS.
  2. PUMP REQUIRED AS PER DESIGN SPECIFICATIONS D 11.07.
  3. OUTPUT DEMAND FOR THE STATION WILL NEED TO BE CALCULATED FOR THE SPECIFIC LOCATION WHICH WILL RESULT IN VARIABLE PUMP AND PIPE SIZES.
  4. 1m CLEARANCE BETWEEN SEPARATE ITEMS.
  5. THE VENTILATION OF THE BUILDING MUST MEET THE DESIGN REQUIREMENTS OF AS166.2-2002 'THE USE OF VENTILATION AND AIR CONDITIONING IN BUILDINGS'.

THIS STANDARD DRAWING IS A GUIDE ONLY AND SHOULD NOT BE USED FOR DESIGN PURPOSES

DN (OUT) AND DN (SUCTION MANIFOLD)  
Bill of Materials

No.	Description of Item	Qty.
P1	FL/SP Pipe	2
P2	FL/FL 90° Bend	4
P3	FL/FL Pipe, Length 800mm	1
P4	FL/FL Pipe, Length 800mm	1
P5	FL/FL Concentric reducer	2
P6	FL/FL Pipe, Length 754mm	1
P7	FL/FL Pipe, Length 765mm	1
P8	Uniflange	1
P9	FL/FL Pipe, Length 596mm	2
P10	FL/FL Pipe, Length 1000mm	1
P11	Puddle Flange	1
P12	FL/FL Tee Joint	2
V1	FL/FL Sluice Valve	1
F1	Electromagnetic Flowmeter	1

APPLICABILITY TABLE							
Council	BSC	CHRC	GRC	IRC	LSC	MRC	RRC
Applicable	Yes	Yes	Yes	Yes	Yes	Yes	Yes

REVISIONS	DATE	
I	STRUCTURAL DETAILS REMOVED	03/2017
H	IRC ADDED	11/2016
G	GRC AND LSC ADDED	09/2014
F	DIMENSION AMENDMENTS	08/2014
E	POST AMALGAMATION REVIEW	01/2013
D	BRCL ADDED	09/2007
C	2007 CMDG REVIEW CHANGES	04/2007
B	REVISED ISSUE	02/2007
A	ORIGINAL ISSUE	10/2003

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**Capricorn Municipal Development Guidelines**  
Incorporating:  
Banana Shire Council (BSC) Livingstone Shire Council (LSC)  
Central Highlands Regional Council (CHRC) Maranoa Regional Council (MRC)  
Gladstone Regional Council (GRC) Rockhampton Regional Council (RRC)  
Isaac Regional Council (IRC)

STANDARD WATER SUPPLY BOOSTER  
PUMP INSTALLATION  
TYPICAL LAYOUT PLAN

WATER						
STANDARD DRAWING						
CMDG-W-071						
REV.	A	B	C	D	E	F
	G	H	I			