



SPRINKLER SERVICE AS REQUIRED
NOTE
DOMESTIC FLOWS NOT PERMITTED FIRE SPRINKLER
SYSTEMS ONLY

NOTE
1. STANDARD CONFIGURATION SHOWN
2.ALTERNATIVE CONFIGURATION - BACKFLOW
PREVENTION NOT REQUIRED OMIT TESTABLE DEVICE
AND VALVES AND REPLACE WITH NON-TESTABLE
SINGLE CHECK VALVE

FIRE SERVICE MAIN
NOTE
DOMESTIC FLOWS NOT PERMITTED HYDRANT PILLARS
AND FIRE HOSE REELS ONLY

BYPASS PIPE SIZE TO BE 25mm FOR UP TO 3 FIRE HOSE
REELS CONNECTED TO SERVICE
BYPASS PIPE SIZE TO BE 40mm FOR MORE THAN 3 FIRE
HOSE REELS CONNECTED TO SERVICE
FOR ALTERNATIVE CONFIGURATION BYPASS PIPE SIZE
TO SUIT

DOMESTIC SERVICE AS REQUIRED
NOTE
SIZE TO SUIT

BACK FLOW DEVICES - TYCO PRODUCT SPECIFICATION (OR APPROVED EQUIVALENT)				
HAZARD	SIZE	PRODUCT DESCRIPTION	PART No.	APPLICATION
LOW	100mm	TESTABLE SINGLE CHECK SDCT03 (50kPa) MAIN VALVE	2066164BFGO	FIRE SERVICE MAIN AND BYPASS VALVES FOR LOW HAZARDS
LOW	150mm	TESTABLE SINGLE CHECK SDCT03 (50kPa) MAIN VALVE	2066330BFGO	
LOW	20mm	TESTABLE SINGLE CHECK SCT03 (16kPa) CO FS BYPASS VALVE	2234352FSBV	
LOW	25mm	TESTABLE SINGLE CHECK SCT03 (16kPa) CO FS BYPASS VALVE	2234353FSBV	
LOW	32mm	TESTABLE SINGLE CHECK SCT03 (16kPa) CO FS BYPASS VALVE	2234354FSBV	
LOW	40mm	TESTABLE SINGLE CHECK SCT03 (16kPa) CO FS BYPASS VALVE	2234355FSBV	
LOW	50mm	TESTABLE SINGLE CHECK SCT03 (16kPa) CO FS BYPASS VALVE	2234356FSBV	SPRINKLER SYSTEM LOW HAZARD
LOW	100mm	TESTABLE SINGLE CHECK SDCT03 (16kPa) MAIN VALVE	2206070	
LOW	150mm	TESTABLE SINGLE CHECK SDCT03 (16kPa) MAIN VALVE	2206072	
MEDIUM	100mm	TESTABLE DOUBLE CHECK DOC03 (50kPa) MAIN VALVE	2014220BFGO	FIRE SERVICE MAIN AND BYPASS VALVES FOR MEDIUM HAZARDS
MEDIUM	150mm	TESTABLE DOUBLE CHECK DOC03 (50kPa) MAIN VALVE	2009913BFGO	
MEDIUM	20mm	TESTABLE DOUBLE CHECK DOC03 CO FS BYPASS VALVE	2038117	
MEDIUM	25mm	TESTABLE DOUBLE CHECK DOC03 CO FS BYPASS VALVE	2039543	
MEDIUM	32mm	TESTABLE DOUBLE CHECK DOC03 CO FS BYPASS VALVE	2016702	
MEDIUM	40mm	TESTABLE DOUBLE CHECK DOC03 CO FS BYPASS VALVE	2028186	
MEDIUM	50mm	TESTABLE DOUBLE CHECK DOC03 CO FS BYPASS VALVE	2001824	WHERE APPROVED CERTIFIED PIPEWORK IS INSTALLED DOWNSTREAM OF DEVICE
LOW	100mm	NON-TESTABLE SINGLE CHECK UW VALVE ONLY (50kPa)	2236198	
LOW	150mm	NON-TESTABLE SINGLE CHECK UW VALVE ONLY (50kPa)	2236199	

- NOTE
- IN SIZES 100mm AND 150mm ALL TYCO VALVES ABOVE TO THESE CODES ARE SUPPLIED WITH GEAR-OPERATED WATERMARKED ISOLATING VALVE, NUTS, BOLTS AND GASKETS
 - IN SIZES 20mm TO 50mm ALL TYCO VALVES ABOVE ARE SUPPLIED WITH WATERMARKED BALL VALVES AND UNIONS

TO BE READ IN CONJUNCTION WITH APPROVED HYDRAULIC DRAWINGS AND AS 2419

- NOTE
- TESTING OF ALL TESTABLE DEVICES TO BE CARRIED OUT BY APPLICANT REFER TEST PROCEDURE APPENDIX F/G/I AS3956.3-2010

13	APPROVED TAPPING BAND	
12	VALVE, BALL / BUTTERFLY, FLANGED / THREADED (TESTABLE DEVICE ISOLATION)	APPLICANT
11	DOMESTIC METER	
10	VALVE, BUTTERFLY / BALL, FLANGED / THREADED (METER ISOLATION)	
9	TESTABLE DEVICE	APPLICANT
8	VALVE, BUTTERFLY / BALL, FLANGED / THREADED (TESTABLE DEVICE ISOLATION)	APPLICANT
7	BY-PASS METER	
6	VALVE, BALL, THREADED, (METER ISOLATION) NORMALLY CLOSED (NC)	
5	VALVE, BUTTERFLY, (ISOLATION)	
4	TESTABLE DEVICE (BY APPLICANTS PLUMBER AS REQUIRED)	APPLICANT
3	VALVE, BUTTERFLY, (TESTABLE DEVICE ISOLATION)	APPLICANT
2	VALVE, BUTTERFLY, DIAMETER PER REQUIREMENTS	
1	VALVE, SLUICE, DNXX, ISOLATION FROM MAIN	
ITEM	DESCRIPTION	BY

AMENDMENTS			
REV	DESCRIPTION	CHECKED	DATE
A	ORIGINAL ISSUE		



**GLADSTONE REGIONAL
COUNCIL**

P.O. Box 29, Gladstone Qld. 4680

TYPICAL/ DOMESTIC
FIRE SERVICE DETAIL
PLAN VIEW

DRAWING NO.
GRC-ED-016

A3 SHEET REVISION **A**