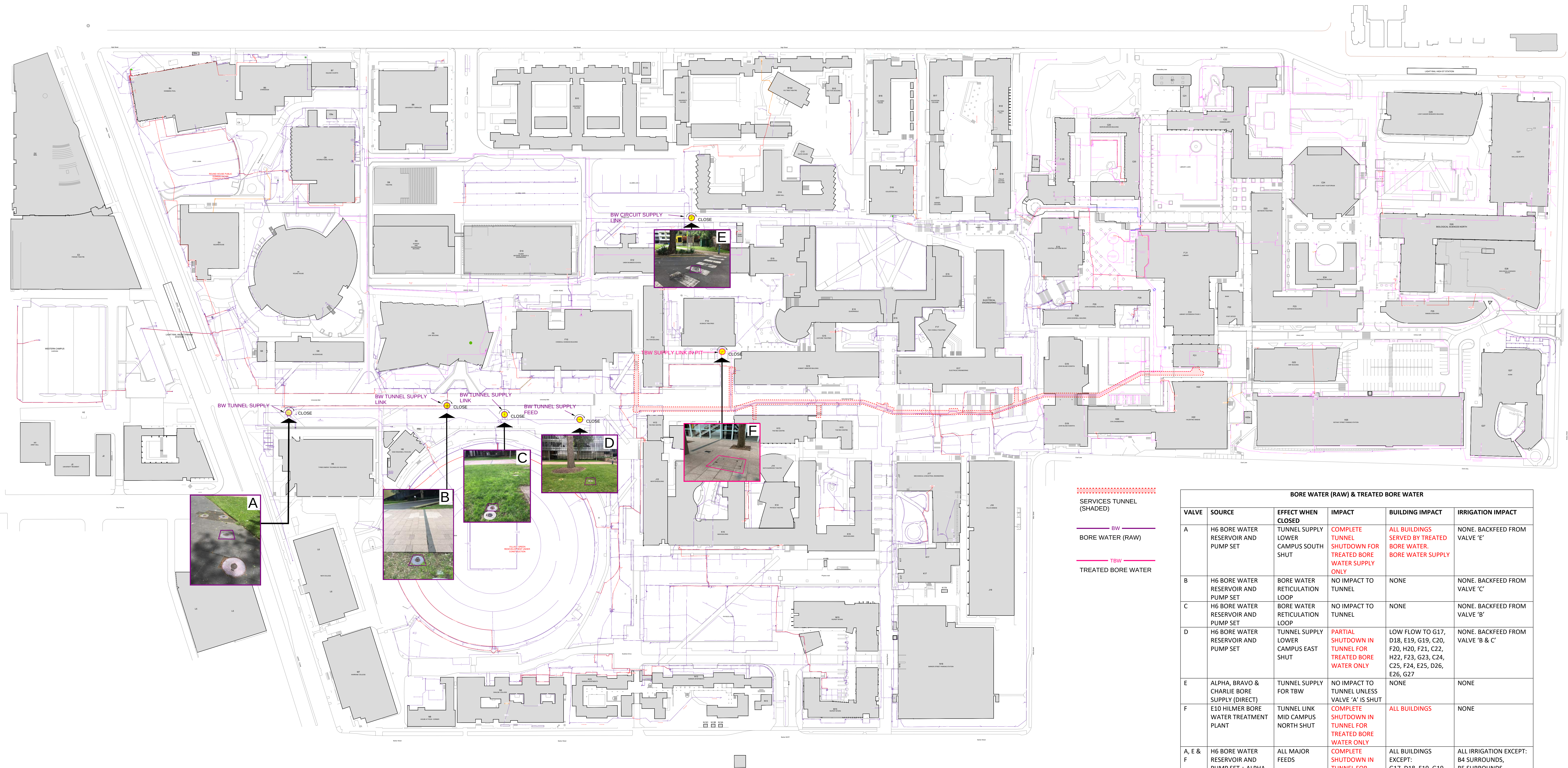




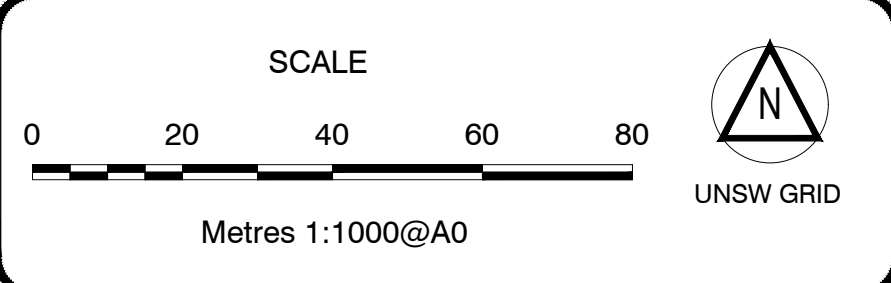
BORE WATER (RAW) & TREATED BORE WATER				
VALVE	SOURCE	EFFECT WHEN CLOSED	IMPACT	IRRIGATION IMPACT
A	H6 BORE WATER RESERVOIR AND PUMP SET	TUNNEL SUPPLY LOWER CAMPUS SOUTH SHUT	COMPLETE TUNNEL SHUTDOWN FOR TREATED BORE WATER SUPPLY ONLY	NONE. BACKFEED FROM VALVE 'E'
B	H6 BORE WATER RESERVOIR AND PUMP SET	BORE WATER RETICULATION LOOP	NO IMPACT TO TUNNEL	NONE. BACKFEED FROM VALVE 'C'
C	H6 BORE WATER RESERVOIR AND PUMP SET	BORE WATER RETICULATION LOOP	NO IMPACT TO TUNNEL	NONE. BACKFEED FROM VALVE 'B'
D	H6 BORE WATER RESERVOIR AND PUMP SET	TUNNEL SUPPLY LOWER CAMPUS EAST SHUT	PARTIAL SHUTDOWN IN TUNNEL FOR TREATED BORE WATER ONLY	NONE. BACKFEED FROM VALVE 'B' & 'C'
E	ALPHA, BRAVO & CHARLIE BORE SUPPLY (DIRECT)	TUNNEL SUPPLY FOR TBW	NO IMPACT TO TUNNEL UNLESS VALVE 'A' IS SHUT	NONE
F	E10 HILMER BORE WATER TREATMENT PLANT	TUNNEL LINK MID CAMPUS NORTH SHUT	COMPLETE SHUTDOWN IN TUNNEL FOR TREATED BORE WATER ONLY	NONE
A, E & F	H6 BORE WATER RESERVOIR AND PUMP SET + ALPHA, BRAVO & CHARLIE + BWTP	ALL MAJOR FEEDS	COMPLETE SHUTDOWN IN TUNNEL FOR TREATED BORE WATER & RAW BORE WATER	ALL BUILDINGS EXCEPT: G17, D18, E19, G19, C20, F20, H20, F21, C22, H22, F23, G23, C24, C25, F24, E25, D26, E26, G27
A, B, C, D, E & F	H6 BORE WATER RESERVOIR AND PUMP SET + ALPHA, BRAVO & CHARLIE BORE SUPPLY (DIRECT)	ALL FEEDS	COMPLETE TUNNEL SHUTDOWN	ALL IRRIGATION EXCEPT: B4 SURROUNDS, B5 SURROUNDS, POOL LAWN, G6 SURROUNDS, E4 SURROUNDS, E6 SURROUNDS, G6 SURROUNDS

SERVICE TUNNEL ISOLATION
POINTS FOR EMERGENCY
SHUTDOWN FOR RAW &
TREATED BORE WATER SUPPLY

REVISION 01
DATED APRIL 2020
INFORMATION CURRENT FOR THIS PERIOD

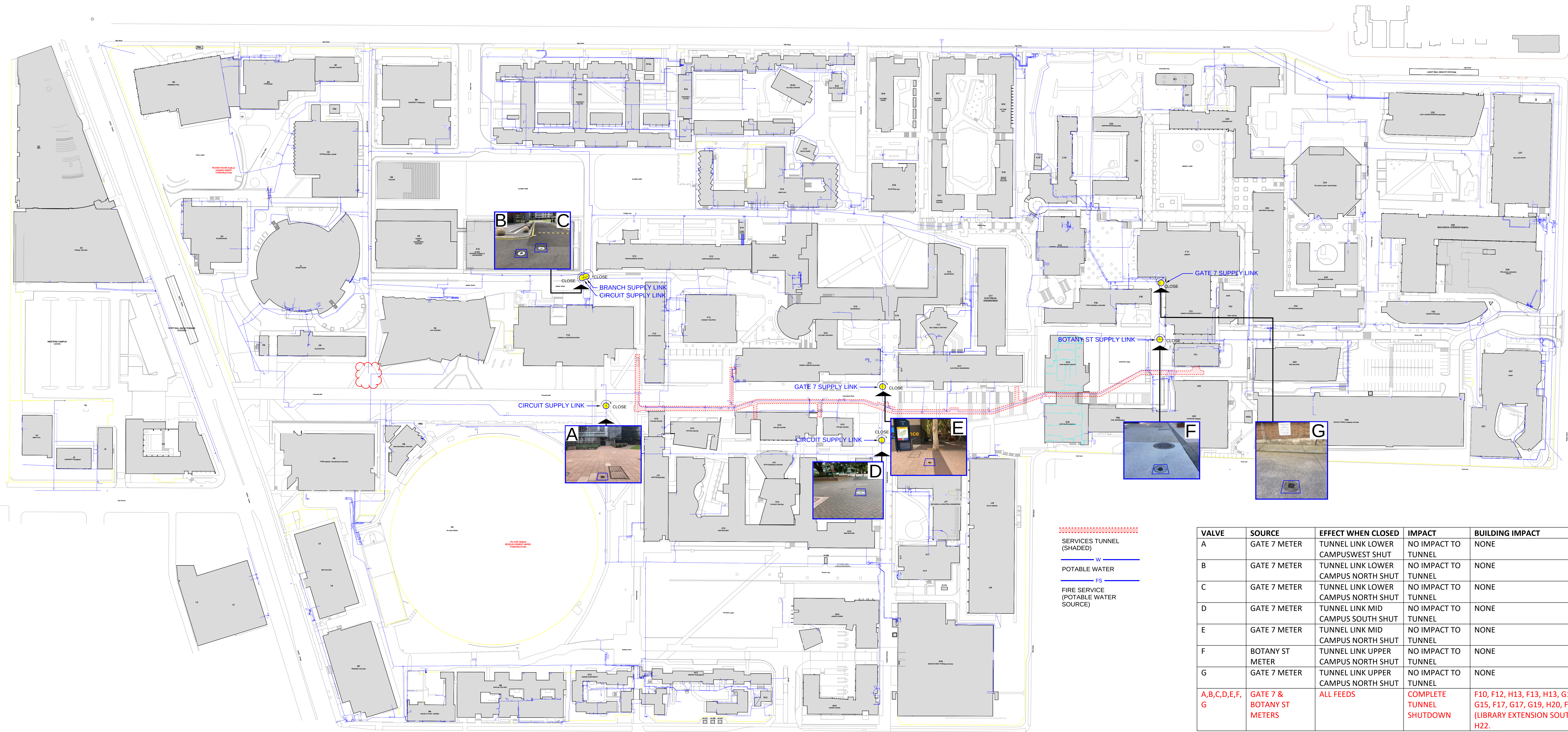
NOTE:
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No.	DATE	DRAWN	CHKD	AMENDMENT	No.	DATE	DRAWN	CHKD	AMENDMENT



ESTATE MANAGEMENT
SITE SERVICES

Created 15.11.2018 Drawn a.Delaytz Discipline Engineering CAD Reference	Updated 13.03.2020 Approved C.Felosi Scale 1:1000@A0	Campus KENSINGTON Project 	Building N°
Title BORE WATER UNDERGROUND SERVICES		Drawing N° K-SS-2020.017	Sheet N° 1 OF 1
Revision A			



VALVE	SOURCE	EFFECT WHEN CLOSED	IMPACT	BUILDING IMPACT
A	GATE 7 METER	TUNNEL LINK LOWER CAMPUSWEST SHUT	NO IMPACT TO TUNNEL	NONE
B	GATE 7 METER	TUNNEL LINK LOWER CAMPUS NORTH SHUT	NO IMPACT TO TUNNEL	NONE
C	GATE 7 METER	TUNNEL LINK LOWER CAMPUS NORTH SHUT	NO IMPACT TO TUNNEL	NONE
D	GATE 7 METER	TUNNEL LINK MID CAMPUS SOUTH SHUT	NO IMPACT TO TUNNEL	NONE
E	GATE 7 METER	TUNNEL LINK MID CAMPUS NORTH SHUT	NO IMPACT TO TUNNEL	NONE
F	BOTANY ST METER	TUNNEL LINK UPPER CAMPUS NORTH SHUT	NO IMPACT TO TUNNEL	NONE
G	GATE 7 METER	TUNNEL LINK UPPER CAMPUS NORTH SHUT	NO IMPACT TO TUNNEL	NONE
A,B,C,D,E,F,G	GATE 7 & BOTANY ST METERS	ALL FEEDS	COMPLETE TUNNEL SHUTDOWN	F10, F12, H13, F13, H13, G14, G15, F17, G17, G19, H20, F21 (LIBRARY EXTENSION SOUTH), H22.

**SERVICE TUNNEL ISOLATION
POINTS FOR EMERGENCY
SHUTDOWN FOR POTABLE &
FIRE WATER SUPPLY**

REVISION 01
DATED JULY 2020
INFORMATION CURRENT FOR THIS PERIOD

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ESTATE MANAGEMENT
SITE SERVICES

Created 15.03.2018 Drawn R.Delatycki Discipline HYD CAD Reference	Updated 15.03.2020 Approved C.Pelosi Scale 1:1000@A0	Campus KENSINGTON Project COORDINATION OF SERVICES Title WATER & FIRE UNDERGROUND SERVICES Drawing No. K-SS-2020.018	Building No. Sheet No. 1 OF 1 Revision A
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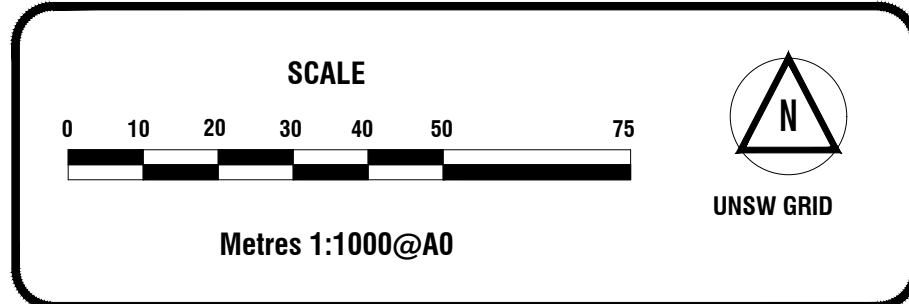
NATURAL GAS SERVICE					
VALVE	SOURCE	EFFECT WHEN CLOSED	IMPACT	BUILDING IMPACT	COMMENTS
A	MAIN METER GATE 2	SECONDARY TUNNEL SUPPLY LOWER CAMPUS SOUTH SHUT	NO IMPACT TO TUNNEL	NONE	PRIMARY FEED TO TUNNEL ALWAYS OPEN
B	MAIN METER GATE 2	MAIN TUNNEL SUPPLY LOWER CAMPUS SOUTH SHUT	NO IMPACT TO TUNNEL	NONE	SECONDARY FEED TO TUNNEL (BACKUP), ALWAYS OPEN
A + B	MAIN METER GATE 2	TOTAL ISOLATION OF TUNNEL	COMPLETE SHUTDOWN IN TUNNEL	ALL BUILDINGS EXCEPT: B4, B5, B7, C6, E4, E6, E8, E10, G6, F8, F10, H6, H8	TUNNEL SHUTDOWN UNLESS COGENT VALVES ARE OPEN TO DIVERT GAS FROM C25. THESE VALVES ARE ALWAYS CLOSED
C	MAIN METER GATE 2 BACKFEED FROM COGENT SYSTEM AT C25	BACKFEED FROM COGENT SYSTEM AT C25	NO IMPACT TO TUNNEL	NONE	ISOLATES PRIMARY FEED TO UPPER CAMPUS
A + B + C	MAIN METER GATE 2 BACKFEED FROM COGENT SYSTEM AT C25	TOTAL ISOLATION OF TUNNEL	COMPLETE SHUTDOWN IN TUNNEL	ALL BUILDINGS	NONE
D + E	MAIN METER GATE 2 BACKFEED FROM COGENT SYSTEM AT C25	BACKFEED FROM COGENT SYSTEM AT C25	NO IMPACT TO TUNNEL	ALL BUILDINGS EXCEPT: B4, B5, B7, B16, B17, B18, B21, C6, C13, D14, E4, E6, E8, E10, E12, E15, E17, E19, G6, F8, F10, F12, F13, G14, G17, G19, H13, H12, K15, K17, J17, J18, C20, F20, H20, F21, C22, H22, F23, G23	NONE
F	COGENT SYSTEM SUPPLY	COGENT SYSTEM ISOLATED	NO IMPACT TO TUNNEL	NONE	OPEN VALVES TO BACKFEED GAS SYSTEM IN THE EVENT OF AN OUTAGE FROM THE MAIN METER GATE 2

**SERVICE TUNNEL ISOLATION
POINTS FOR EMERGENCY
SHUTDOWN FOR NATURAL
GAS SUPPLY**

REVISION 01
DATED APRIL 2020
INFORMATION CURRENT FOR THIS PERIOD

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No.	DATE	DRAWN	CHKD	AMENDMENT	No.	DATE	DRAWN	CHKD	AMENDMENT



ESTATE MANAGEMENT
SITE SERVICES

Created 15.03.2018 Drawn R.Delatycki Discipline HYD CAD Reference	Updated 15.03.2020 Approved C.Pelosi Scale 1:1000@A0	Campus KENSINGTON Project COORDINATION OF SERVICES Title GAS UNDERGROUND SERVICES	Building N° Sheet N° 1 OF 1
Drawing N° K-SS-2020.019		Revision A	