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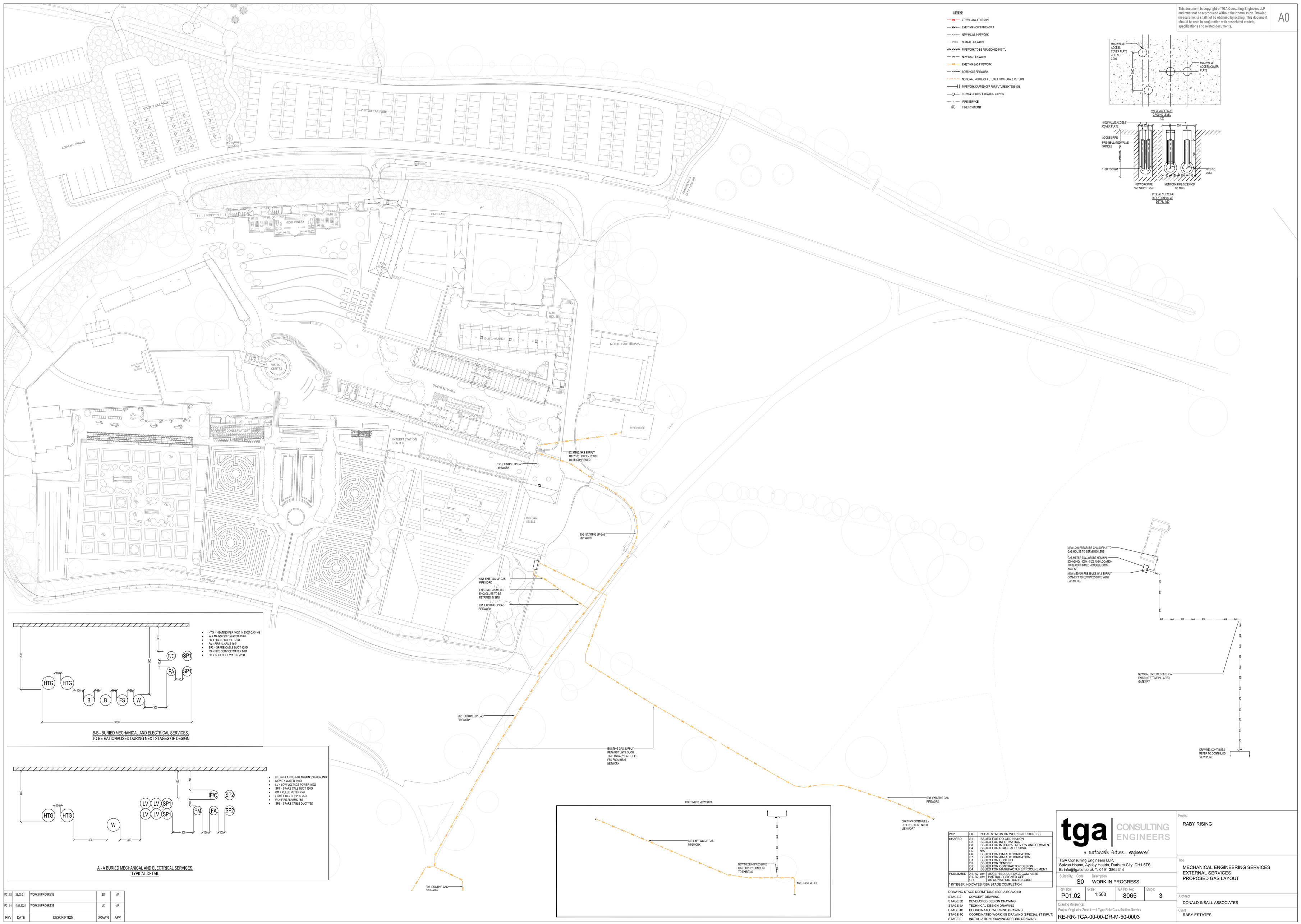
A0

LEGEND

- LTHW FLOW & RETURN
- EXISTING MCWS PIPEWORK
- NEW MCWS PIPEWORK
- SPRING PIPEWORK
- PIPEWORK TO BE ABANDONED IN SITU
- NEW GAS PIPEWORK
- EXISTING GAS PIPEWORK
- BOREHOLE PIPEWORK
- NOTIONAL ROUTE OF FUTURE LTHW FLOW & RETURN
- PIPEWORK CAPPED OFF FOR FUTURE EXTENSION
- FLOW & RETURN ISOLATION VALVES
- FIRE SERVICE
- FIRE HYDRANT



VALVE ACCESS AT GROUND LEVEL
1:20

TYPICAL NETWORK ISOLATION VALVE
DETAIL 1:20

- HTG = HEATING F&R 160Ø IN 250Ø CASING
- W = MAINS COLD WATER 110Ø
- FC = FIBRE / COPPER 75Ø
- FA = FIRE ALARMS 75Ø
- SP2 = SPARE CABLE DUCT 125Ø
- FS = FIRE SERVICE WATER 90Ø
- BH = BOREHOLE WATER 225Ø

B-B - BURIED MECHANICAL AND ELECTRICAL SERVICES,
TO BE RATIONALISED DURING NEXT STAGES OF DESIGN

- HTG = HEATING F&R 160Ø IN 250Ø CASING
- MCWS = WATER 110Ø
- LV = LOW VOLTAGE POWER 150Ø
- SP1 = SPARE CALE DUCT 150Ø
- PM = PULSE METER 75Ø
- FC = FIBRE / COPPER 75Ø
- FA = FIRE ALARMS 75Ø
- SP2 = SPARE CABLE DUCT 75Ø

A - A BURIED MECHANICAL AND ELECTRICAL SERVICES,
TYPICAL DETAIL

REV	DATE	DESCRIPTION	DRAWN	APP
P01.02	28.05.21	WORK IN PROGRESS	BD	MP
P01.01	14.04.2021	WORK IN PROGRESS	LC	MP

WIP	S0	INITIAL STATUS OR WORK IN PROGRESS
SHARED	S1	ISSUED FOR CO-ORDINATION
	S2	ISSUED FOR INFORMATION
	S3	ISSUED FOR INTERNAL REVIEW AND COMMENT
	S4	ISSUED FOR STAGE APPROVAL
	S5	N/A
	S6	ISSUED FOR PIM AUTHORISATION
	S7	ISSUED FOR AIM AUTHORISATION
	D1	ISSUED FOR COSTING
	D2	ISSUED FOR TENDER
	D3	ISSUED FOR CONTRACTOR DESIGN
	D4	ISSUED FOR MANUFACTURE/PROCUREMENT
PUBLISHED	A1, A2, etc.*	ACCEPTED AS STAGE COMPLETE
	B1, B2, etc.*	PARTIALLY SIGNED OFF
	CR	AS CONSTRUCTION RECORD

* INTEGER INDICATES RIBA STAGE COMPLETION

DRAWING STAGE DEFINITIONS (BSRIA BG6/2014)

STAGE 2	CONCEPT DRAWING
STAGE 3B	DEVELOPED DESIGN DRAWING
STAGE 4A	TECHNICAL DESIGN DRAWING
STAGE 4B	COORDINATED WORKING DRAWING
STAGE 4C	COORDINATED WORKING DRAWING (SPECIALIST INPUT)
STAGE 5	INSTALLATION DRAWING/RECORD DRAWING

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Project: RABY RISING

Title: MECHANICAL ENGINEERING SERVICES
EXTERNAL SERVICES
PROPOSED GAS LAYOUT

Suitability: Code S0 — Description: WORK IN PROGRESS

Revision: P01.02 | Scale: 1:500 | TGA Proj No: 8065 | Stage: 3

Drawing Reference:
Project-Originator-Zone-Level-Type-Role-Classification-Number
RE-RR-TGA-00-00-DR-M-50-0003

Architect: DONALD INSALL ASSOCIATES

Client: RABY ESTATES