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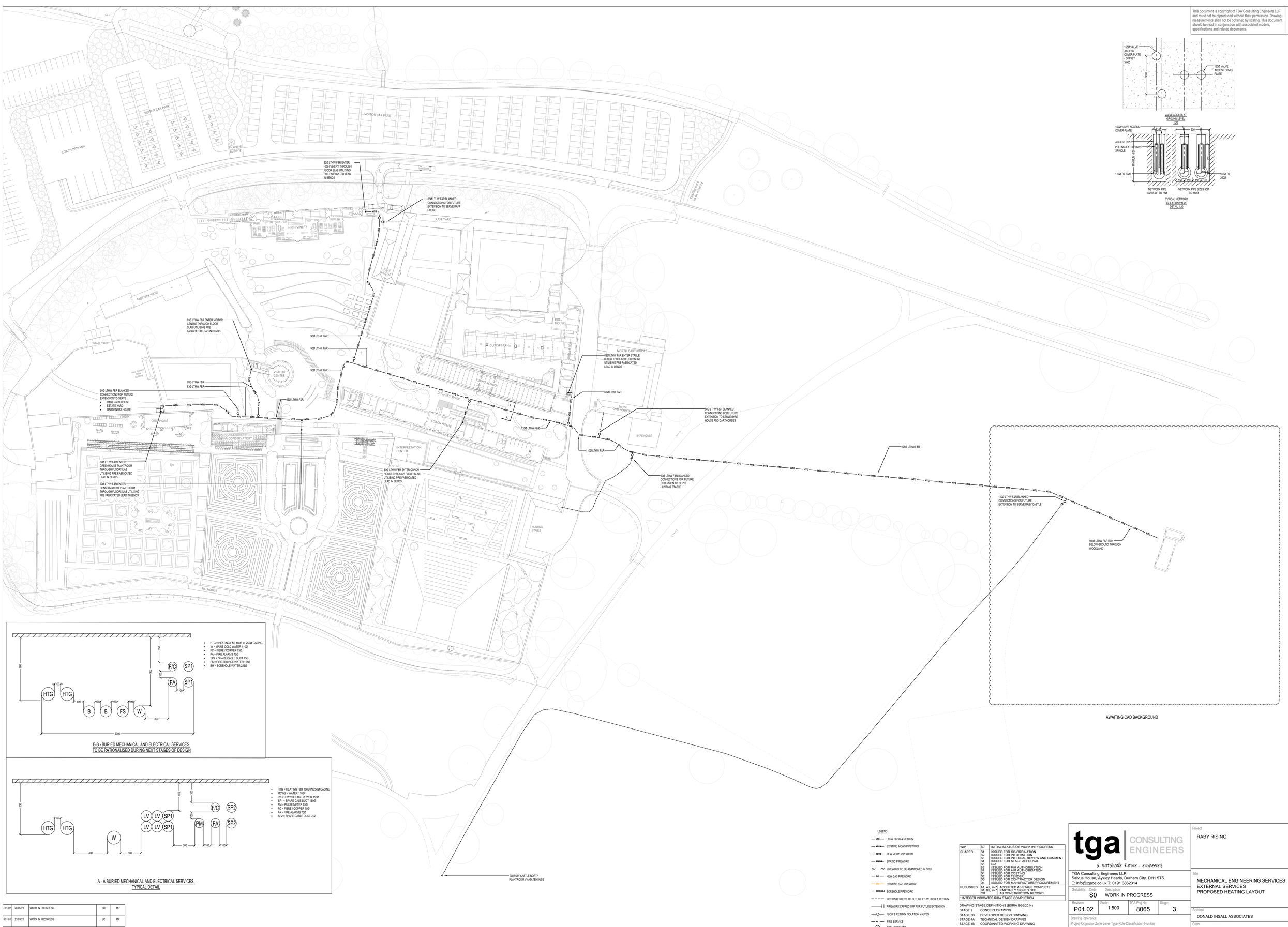
A0







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 75Ø
- FS = FIRE SERVICE WATER 125Ø
- 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



AWAITING CAD BACKGROUND

LEGEND

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

| 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 CLIENT AUTHORISATION |
| | D1 | ISSUED FOR ASR |
| | D2 | ISSUED FOR TENDERS |
| | 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 |

| REV | DATE | DESCRIPTION | DRAWN | APP |
|---|---|---|---|---|
| P01.02 | 28.05.21 | WORK IN PROGRESS | BD | MP |
| P01.01 | 23.03.21 | WORK IN PROGRESS | LC | MP |

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Project: RABY RISING

Title: MECHANICAL ENGINEERING SERVICES EXTERNAL SERVICES PROPOSED HEATING LAYOUT

| Suitability | Code | Description |
|---|---|---|
| | S0 | WORK IN PROGRESS |

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

Drawing Reference: Project-Originator-Zone-Level-Type-Role-Classification-Number
RE-RR-TGA-00-00-DR-M-50-0001

Architect: DONALD INSALL ASSOCIATES

Client: RABY ESTATES