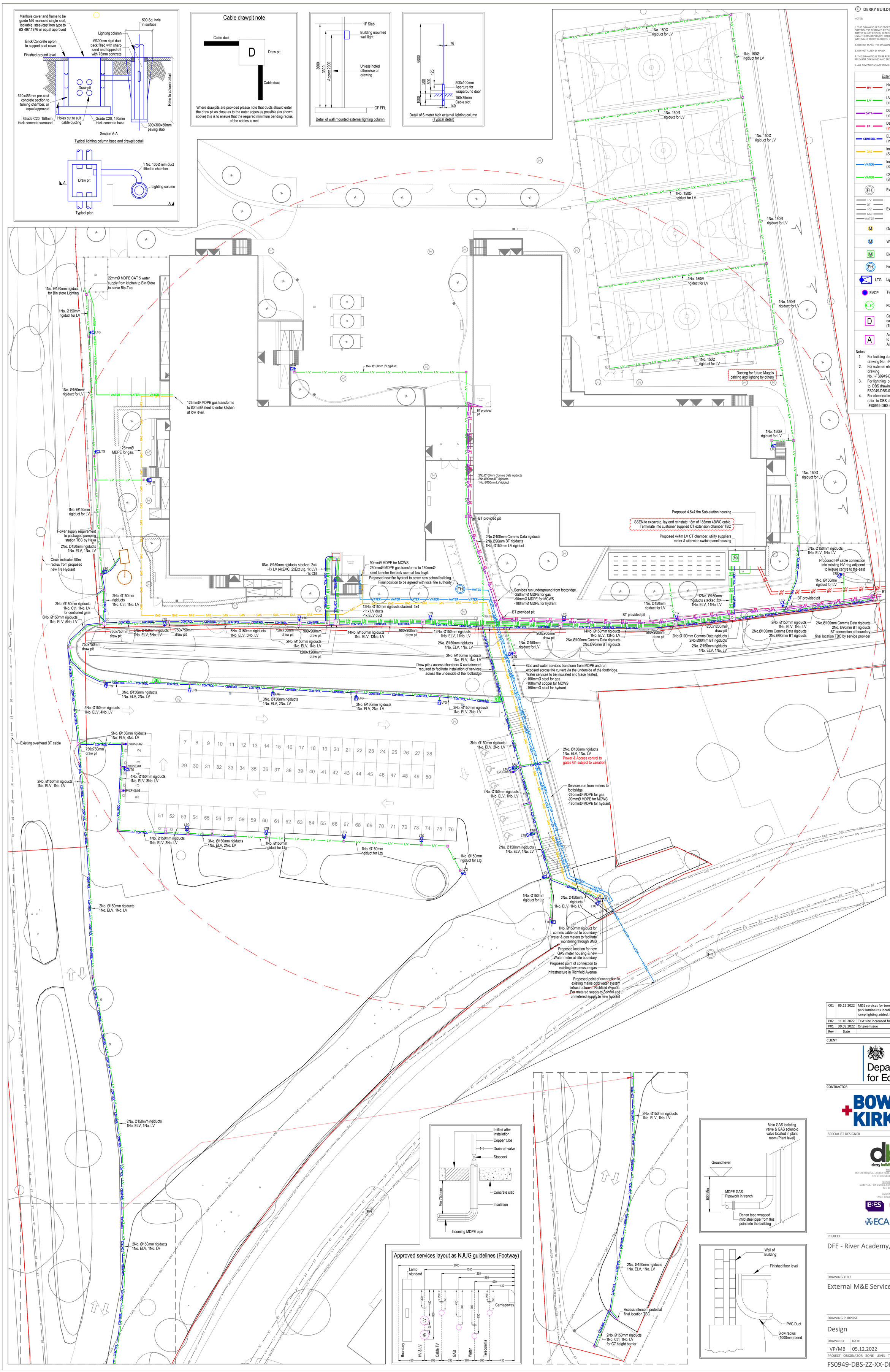

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External M&E Services Legend

HV	HV cables in 150mm Ø ducts (Installed by SSEN)
LV	LV cables in 150mm Ø ducts (Including external lighting)
DATA	Data/Comms cabling in ducts (Installed in 100mm Ø ducts)
BT	Data/Comms cabling in 90mm Ø ducts (Installed to BT Specification)
CONTROL	ELV / Controls cabling (Installed in 150mm Ø ducts)
GAS	Incoming GAS supply (Size as indicated on drawing)
WATER	Incoming Mains Cold Water Supply (Size as indicated on drawing)
WATER	CAT 5 Irrigation pipework (Size as indicated on drawing)
FH	Existing fire hydrant location
LV BT HV GAS WATER	Existing services
M	Gas meter location
M	Water meter location
M	Electrical meter location
FH	Fire hydrant location
LTG	Lighting column / fixture
EVCP	Twin electric vehicle charging point
	Pole mounted CCTV
D	Cable draw pit to be min of 450x450mm for cable turning unless stated otherwise (To be sized to suit number of ducts)
A	Access chamber (formed by main contractor) to allow access to valves. Also required at all meter locations

Notes:

1. For building duct entries & pop-ups, please refer to DBS drawing No.: -FS0949-DBS-01-00-DR-N-5000
2. For external electrical services, please refer to DBS drawing No.: -FS0949-DBS-XX-XX-DR-E-9020
3. For lightning protection inspection pit details, please refer to DBS drawing No's.: -FS0949-DBS-01-ZZ-DR-E-9050, FS0949-DBS-02-ZZ-DR-E-9050
4. For electrical incoming ducts & LV panel details, please refer to DBS drawing No.: -FS0949-DBS-01-00-DR-E-5010

Rev	Date	Description
C01	05.12.2022	M&E services for temporary WC accommodation omitted. Car park luminaires locations reviewed. 3No. Lamp post and ducts for ramp lighting added. Issued for construction.
P02	11.10.2022	Text size increased following B&K comments.
P01	30.09.2022	Original Issue

CLIENT

Department for Education

CONTRACTOR

BOWMER KIRKLAND

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PROJECT

DFE - River Academy, Reading

DRAWING TITLE

External M&E Services Layout

DRAWING PURPOSE

Design

DRAWN BY	DATE	CHK'D BY	SCALE	MEDIA
VP/MB	05.12.2022	NM/AS	1:250	A0

PROJECT - ORIGINATOR - ZONE - LEVEL - TYPE - ROLE - NUMBER: FS0949-DBS-ZZ-XX-DR-N-9020

REVISION: C01