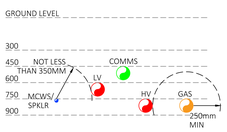
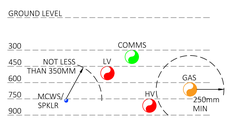
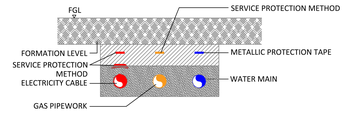
TYPICAL DEPTH OF SERVCES BELOW CARRIAGEWAY



TYPICAL DEPTH OF SERVICES BELOW FOOTWAY

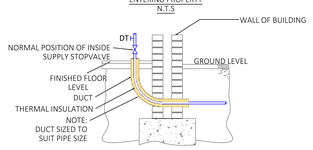


TYPICAL BEDDING DETAIL FOR BELOW GROUND SERVICES

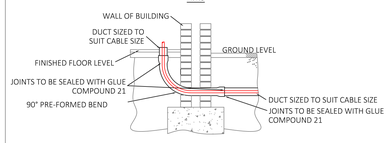


NOTE
BACKFILL SHALL GENERALLY BE THE MATERIAL EXCAVATED FROM THE TRENCH. BACKFILL SHALL BE READILY COMPACTABLE, FREE FROM BOULDERS, LUMPS OF CONCRETE, TIMBER, VEGETABLE MATTER & BUILDING WASTE. BACKFILL COMPACTED IN 250mm LAYERS. CIVIL ENGINEER TO CONFIRM SERVICES DEPTHS AND ROAD MAKE-UP.

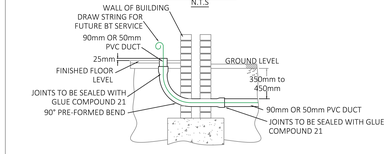
DETAIL OF INCOMING COLD WATER SERVICE ENTERING PROPERTY N.T.S



DETAIL OF INCOMING ELECTRICAL CABLES ENTERING PROPERTY N.T.S



DETAIL OF INCOMING COMMS SERVICE ENTERING PROPERTY N.T.S



MH39.1
MH39
POSITION OF BELOW GROUND DRAINAGE TO BE CONFIRMED FROM SITE WIDE SURVEY
NEW MCWS RISER AND CONNECT TO EXISTING EQUIPMENT IN EFAC (NURSERY BUILDING)
GRP KIOSK TO HOUSE PV INVERTER FOR ARRAY LOCATED ON CANOPY.
NURSERY PLAYGROUND
EFAC
EFAR
PV
ACCESS ROAD (NURSERY)
NEW LV AND FIBRE CONNECTIONS TO RISE WITHIN EFAC (NURSERY BUILDING) AND CONNECT TO EXISTING EQUIPMENT
SEN
GYM TRAIL
HARD INFORMAL & SOCIAL COURTYARD
EFAF - RETAINED
HARD INFORMAL& SOCIAL OUTDOOR PE
SOFT OUTDOOR PE
EFAD / EFAE
EFAA
NEW SCHOOL BUILDING FFL: 43.345
CYCLE
MAINTENANCE ACCESS
PARKING
BINS
ACCESS ROAD
HABITAT AREA
EXISTING PARKING
EXISTING ACCESS
RED HATCHING DENOTES EXISTING BUILDING TO BE DEMOLISHED
NEW INCOMING FIBRE CONNECTION TO BE PROVIDED TO NEW TEACHING BLOCK. CONNECTION TO RISE WITHIN SERVER ROOM
NEW INCOMING UKPN SUPPLY TO SERVE THE SITE. NEW SUPPLY TO TERMINATE WITHIN ELECTRICAL SWITCHROOM LOCATED ON THE GROUND FLOOR
APPROXIMATE LOCATION OF FIRE HYDRANT. NOTE, EXISTING FIRE HYDRANT IS NOT WITHIN PAS128 SURVEY.
FH
NEW INCOMING MCWS PROVIDED TO SERVE NEW TEACHING BLOCK, BIN STORE AND RETAINED BUILDING
DENOTES POSITION OF CATS WASHDOWN SET PROVIDED TO BIN STORE
MCWS RUN BELOW GROUND TO SERVE BIN STORE CAT5 WASHDOWN SET
EXISTING GAS TO BE DISCONNECTED AND STRIPPED OUT PRIOR TO DEMOLITION OF EXISTING SCHOOL
EXISTING MCWS DIVERTED TO SERVE EXISTING EFAC (NURSERY) TO REAR OF SITE
EXISTING MCWS DIVERTED TO SERVE EXISTING EFAC (NURSERY) TO REAR OF SITE. DIVERSION TO BE UNDERTAKEN PRIOR TO DEMOLITION OF EXISTING SCHOOL
NOTE:
REFER TO CIVIL ENGINEERS DRAWINGS FOR MODIFICATIONS TO BELOW GROUND DRAINAGE SYSTEMS
EXISTING MCWS RUN BELOW GROUND
EXISTING INCOMING ELECTRICITY SUPPLY RUN BELOW GROUND SERVING EXISTING SCHOOL. TO BE DISCONNECTED DURING PHASE 2 WORKS
EXISTING GAS METER TO BE REMOVED. EXISTING INCOMING SGN SERVICE TO BE DISCONNECTED

NOTES:

1. Do not scale from this drawing, all dimensions are nominal and must be checked on site.
2. To be read in conjunction with architects and engineering drawings, specifications and schedules.
3. Any discrepancies should be brought to the attention of the architect, if in doubt ask.
4. For dimensioned setting out and elevation details refer to architects drawings.
5. These drawings are copyright of Hawden MEP ltd. please obtain permission before copying. these drawings must not be modified other than by Hawden MEP ltd.

PARTICULAR NOTES:

1. Please refer to drawing ref: SRP1029-HAW-XX-XX-D-M-2000 for Mechanical symbols legend.
2. Please refer to drawing ref: SRP1029-HAW-XX-XX-D-E-1000 for Electrical symbols legend.
3. Drawing to be read in conjuction with specific services drawings.
4. Existing below ground services extracted from drawing Subvision Surveys Ltd drawing 3D PAS128 GPR Utility Mapping and 3D Topographical Survey P01. Reference should be made to the original drawings at all times.
5. Utility survey key and legend have been extracted from the Subvision Surveys Ltd drawing 3D PAS128 GPR Utility Mapping and 3D Topographical Survey P01. Note that these are only relevant for this drawing.
6. To be read in conjuction with Civil Engineer's drawing.
7. The following disclaimers have been extracted from Subvision Surveys Ltd drawing 3D PAS128 GPR Utility Mapping and 3D Topographical Survey P01:
   - Please note that this is not a full utility mapping survey of Greenway Junior School, Greenway, Horsham, RH12 2JS. The areas surveyed are highlighted within the survey extents as provided by the client. If any excavations are planned outside of the survey extents highlighted by the green hatching on the drawing, it is recommended that further surveying is undertaken in the required area.
   - No existing statutory utility record drawings were provided at the time of survey. It is recommended that up to date drawings are applied for from the various asset providers prior to undertaking any intrusive work on site
   - Please be aware that we cannot verify depth of cover below ground level on buried services depicted on this drawing as 'Added from Records' or 'Assumed Route'. Further investigation is recommended on these services or pipes and trial holes are advised to ascertain the exact location of the buried asset before excavating.
   - Trial holes to be excavated on buried utility assets, depicted as assumed location. Excavations are required to verify their exact location. Information to be sent to Subvision Surveys for the drawing to be updated and reissued
   - Please note that any Survey control stations installed on site by Subvision Surveys should not be used for any design and/or setting out purposes. We will install control stations where needed for the purposes of completing the survey only and these will be related to OS grid using industry grade survey equipment and GPS receivers. Subvision Surveys cannot accept any liability if our control stations are used for anything other than the purposes listed above without prior consultation.

3D PAS128 GRP UTILITY MAPPING AND 3D TOPOGRAPHICAL SURVEY LEGEND & ABBREVIATIONS

E	Electricity Unknown	ED	Empty Duct
SL	Street Light	CCTV	CCTV Cable
LV	Low Voltage Cable	FO	Fibre Optic Cable
HV	High Voltage Cable	TCSU	Traffic Sensor
EHV	Extra High Voltage Cable	TS	Traffic Signal Cable
	Overhead Elec (LV/SL)	U	Unknown Service
EF	Overhead HV Cable		Effluent Pipe
	Overhead EHV Cable	SW	Surface Water Drainage
	Earth Cable	FW	Foul Water Drainage
GLP	Low Pressure Gas Pipe	CW	Combined Drainage
GMP	Medium Pressure Gas Pipe		Fuel Main
GIP	Intermediate Pressure Gas Pipe	FS	Ferric Sulphate
GHP	High Pressure Gas Pipe		Heating Pipe
W	Water Pipe	OT	Oil Pipe Line
BT	BT Cable		Overhead Pipe
	Overhead BT Cable		Bend Of Utility
COMM	Communication Cable		Assumed Route
CHEM	Chemical Pipe		Chamber
CATV	TV Cable		Survey extents
GPR	Located by GPR		Inaccessible area
RADIO	Located by Radio Signal		Utility Continues
POWER	Located by Power Signal		Utility Ends

Rev	Description	Drawn:	Auth:	Date
P03	FOR PLANNING	S.L	H.J.D	12.05.26
P02	FOR PLANNING	H.J.D	T.M.W	01.05.26
P01	FOR PLANNING	H.J.D	T.M.W	21.04.26

Client:
Department for Education (DfE)

Project:
Greenway Junior School

Title:
Combined External Services Layout - Consented Scheme

Scale @ A0 1:250

This bar is 5cm when printed to scale

Revision:
INFORMATION EXCHANGE 3

HAWDEN ENGINEERING MEP SOLUTIONS

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Telephone: 01795 538527 Email: enquiries@hawden-mep.co.uk

Drawing No: SRP1029-HAW-00-EX-D-Z-5409 | Rev: P03 | Status: IE3