

POST POSITIONS BELOW ELECTRICAL UNDERGROUND SERVICES, ABOVE FOUL DRAINAGE AND NEAR TO THE KERB TO ALLOW FOR VEHICLE ACCESS

ACCURACY OF SERVICES TO BE CONFIRMED BEFORE MANUFACTURE & INSTALLATION OF FOUNDATIONS SEE GP-01

SERVER ROOM  
NEW SERVER ROOM

32480 O/A LENGTH

AC33

AC34

POWER, ELV & FA

A

B

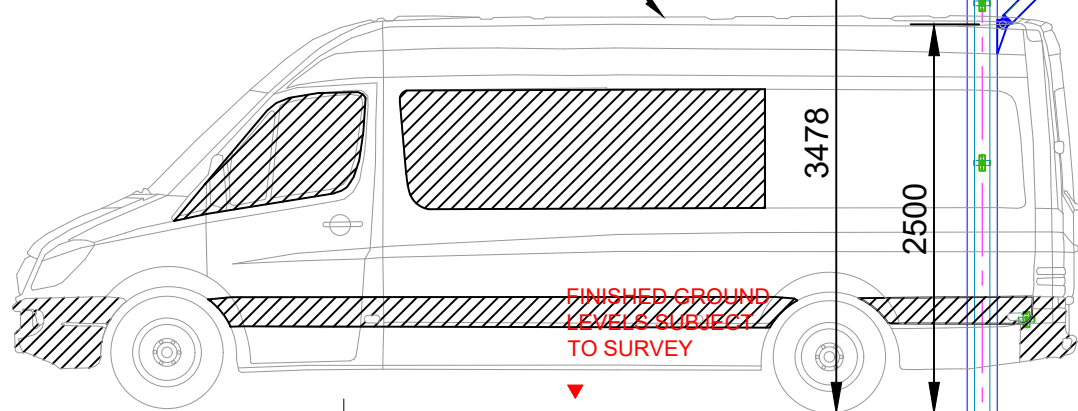
ELEVATION B  
SCALE 1:100

11918 O/A WIDTH

0 1m 2m 3m 4m 5m

4319 O/A HEIGHT  
3980 U/S RAFTER

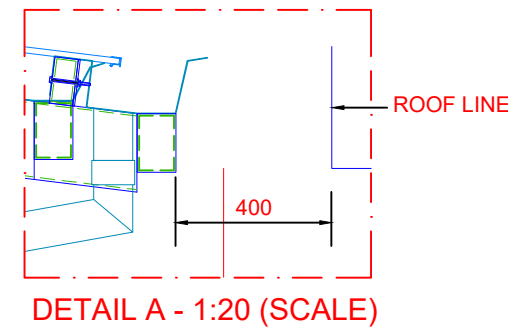
ARV 2.2M MAX. VAN HEIGHT  
TAU CARRIER MAX. 2.8M (MIN. HEIGHT REQUIRED)



NOTE: REAR BRACING ACCEPTABLE WITH COLUMN 700MM FROM KERB.  
IF REDUCED FRONT BRACING NEEDS TO BE CONSIDERED

ELEVATION A  
SCALE 1:50

DATUM (0)  
IFFL 67.199



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this drawing (except for planning purposes)

A2

NOTES

SPECIFICATION:  
FRAME TYPE: STEEL CANTILEVER FRAME.  
WIDTH: 11918mm  
LENGTH: 32480mm

5.7M SPAN STEEL CANTILEVER STEEL SIZES:  
POSTS: 193.7x6 CHS S355  
RAFTERS: 200x100x5 RHS S355  
REAR EAVES: 150x100x5 RHS  
REAR SUPPORT STRUTS: 76.1x5 CHS S235  
PURLINS: 120x60x5 RHS S235  
MIDSPAN PURLINS: 50X3 SHS S235  
ROOF DIAGONAL BRACING: 60x4 CHS S235

2.9M SPAN STEEL CANTILEVER STEEL SIZES:  
POSTS: 139.7X6 CHS S235  
RAFTERS: 100X5 SHS S235  
BEAMS: 150X100X5 RHS S235  
PURLINS: 50X50X3 SHS S235

ALL ABOVE TO BE POLYESTER POWDER COATED - PPC  
RAL 7030.

ALL STEEL SIZES CONFIRMED BY FORDINGBRIDGE  
STRUCTURAL ENGINEER.

RAIN WATER GOODS:  
MILL FINISHED ALUMINUM GUTTERS AND DOWN PIPES  
DISCHARGING INTO ACCO DRAIN.

ROOF:  
ROOF PITCH: MONO  
ROOF COVER: 16mm TRIPLE WALL CLEAR  
POLYCARBONATE

FLASHING: MILL FINISHED FLASHING TO EXISTING  
PARAPET

FOUNDATIONS:  
DESIGNED BY FORDINGBRIDGE ENGINEER, INSTALLED BY  
OTHERS. REFER TO SEPARATE GROUND PLAN.

|     |                                                                                                            |     |          |
|-----|------------------------------------------------------------------------------------------------------------|-----|----------|
| B   | AS PER CLIENTS COMMENTS.                                                                                   | PC  | 22/03/22 |
| A   | POSTS 1-7A RELOCATED 300MM TOWARDS BUILDING &<br>GRID SECTIONS 2-7A REVISED DUE TO UNDERGROUND<br>SERVICES | LMB | 24/01/22 |
| REV | DESCRIPTION                                                                                                | BY  | DATE     |

PLANNING

**FORDINGBRIDGE**  
inspiring design + build

Fordingbridge Plc, Arundel Road, Fontwell, Arundel, West Sussex, BN18 0SD  
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CLIENT

**GREATER MANCHESTER  
POLICE**

PROJECT

**STEEL CANTILEVER**

TITLE

**GENERAL ARRANGEMENT  
PLAN & ELEVATIONS**

|                |                    |                |                        |
|----------------|--------------------|----------------|------------------------|
| DRAWN<br>LMB   | DATE<br>10/01/2022 | CHECKED<br>ARH | SCALE<br>1:100/1:50@A2 |
| JOB NO<br>8195 | DWG NO<br>GA-01    | REV<br>B       |                        |