



PROJECT INTAKE · SHEET 1 OF 4

# Desktop Structural Roof Appraisal, *information request.*

Send us the measurements and photographs over these four sheets. Site wind, snow, altitude and exposure are derived by our engineers from the postcode. Eurocode-verified, MIS 3002 V6.0 compliant, signed by a qualified structural engineer.

SPECIFY ROOF TYPE (FLAT / DUO / HIPPED / MONO)

ROOF REFERENCE NUMBER (SINGLE ROOF = NA)

DATE OF ENQUIRY

## 01 · SITE

### Where, and *what.*

FULL SITE ADDRESS, INCLUDING POST CODE AND BUSINESS NAME (COMMERCIAL / INDUSTRIAL PREMISES)



### Property *type.*

PROPERTY TYPE, E.G. RESIDENTIAL / INDUSTRIAL / COMMERCIAL / WAREHOUSE / EDUCATIONAL

## 02 · ROOF CONSTRUCTION

### Tick or *specify.*

- Concrete tiles / slate / battens etc over timber trusses or rafters
- Trapezoidal sheet
- Corrugated metal sheet
- Cement fibre or asbestos sheets
- (Flat) felt / bitumen, sarking, timber or steel truss / rafters
- (Flat) trapezoidal sheets, timber or steel truss / rafters
- Other (please specify in comments)

## 03 · VISUAL INSPECTION BY CLIENT

### What you *can see.*

Please send a photograph where applicable.

Any additional plant equipment or modification which may change the intended design load?	Y / N	General condition (any corrosion / rot / damage) visible?	Y / N
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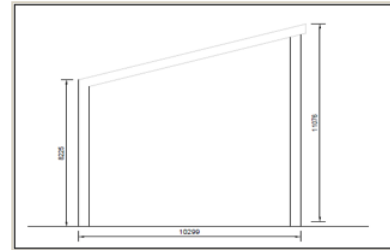
Any additional supports to the underside of structure (walls, propping, temporary works)?	Y / N	Any previous repair work on the roof visible?	Y / N
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Are the steel or timber frame connections in good condition (corrosion / cracking / buckling)?	Y / N	Any roof panels missing, mismatched or damaged, or other cause for concern?	Y / N
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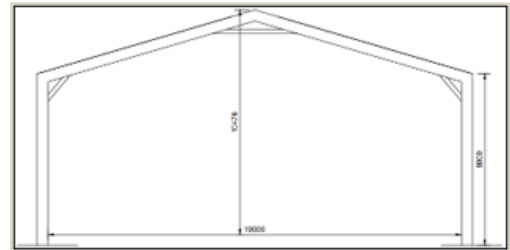
AREA INTENDED FOR CLIENT COMMENTS

### ROOF TYPE EXAMPLES

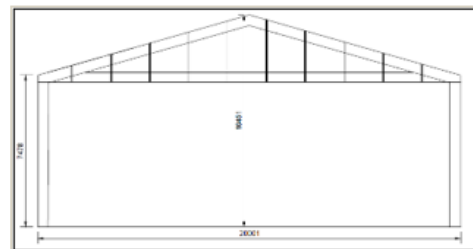
MONO PITCH



DUO PITCH



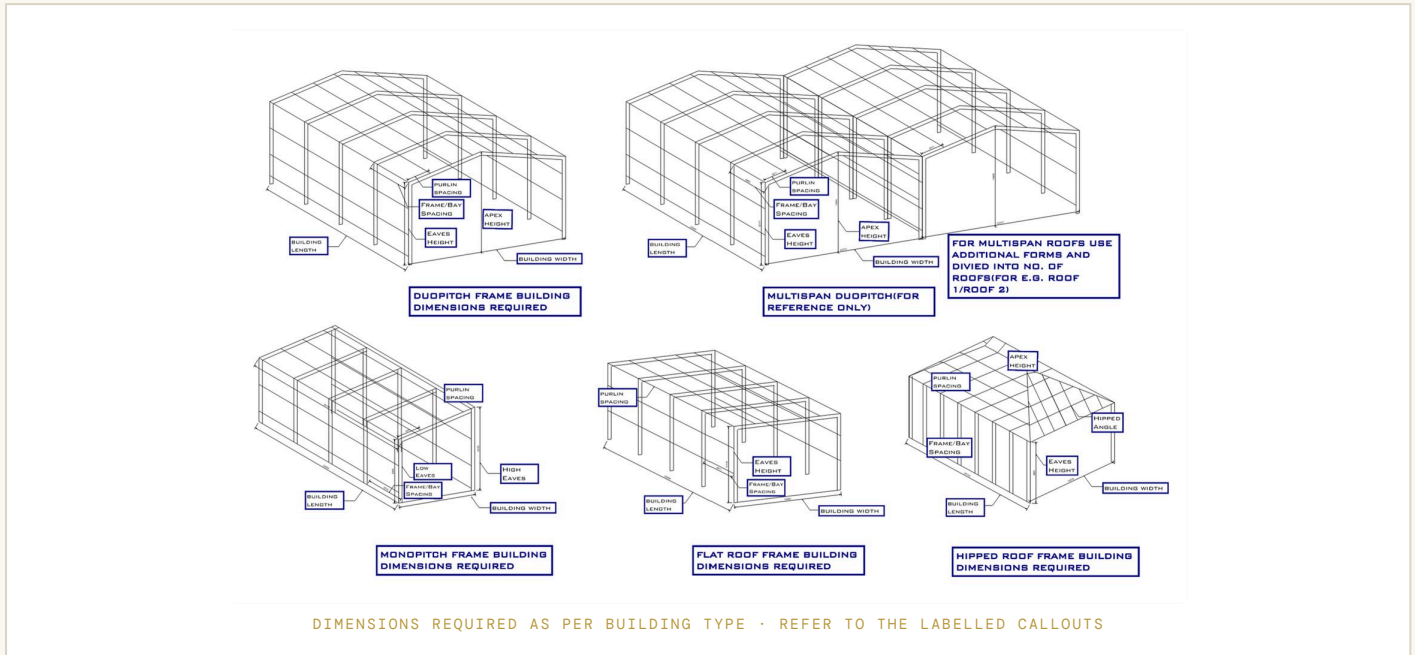
HIPPED



FLAT



# Dimensions *required per building type.*



## 04 · DIMENSIONS

Complete *what applies.*

All lengths in metres, angles in degrees. Complete the dimensions that apply to your roof type.

BUILDING LENGTH (M)	BUILDING WIDTH (M)
<input type="text"/>	<input type="text"/>
HEIGHT TO EAVES (DUO-PITCH OR HIPPED) (M)	HEIGHT TO APEX (DUO-PITCH OR HIPPED) (M)
<input type="text"/>	<input type="text"/>
HEIGHT TO LOWER EAVES (MONO-PITCH ONLY) (M)	HEIGHT TO HIGHER EAVES (MONO-PITCH ONLY) (M)
<input type="text"/>	<input type="text"/>
PARAPET HEIGHT IF APPLICABLE (M)	BAY / FRAME SPACING (M)
<input type="text"/>	<input type="text"/>
PURLIN SPACING (M)	
<input type="text"/>	

**OFF-CENTRE RIDGE · ASYMMETRIC ROOFS ONLY**

Where a building ridge line does not run through the middle of the building, we would ask that you refer to ref b and complete the section below.

ROOF PITCH A (DEG)	ROOF PITCH B (DEG)
<input type="text"/>	<input type="text"/>
BUILDING HALF WIDTH A (M)	BUILDING HALF WIDTH B (M)
<input type="text"/>	<input type="text"/>

## 06 · MEMBER SIZES

If *accessible.*

Give member sizes in millimetres where the structure is accessible. If not, send internal photographs with a tape measure in shot and we will size from those. Essential for trussed roofs where snow load is high.

MEMBER	WIDTH (MM)	DEPTH (MM)	LENGTH (MM)
Rafter			
Truss bottom chord			
Ceiling tie			
Purlin			
Roof joist (flat)			
Web / strut			
Truss / rafter spacing, c/c			

## 05 · CLIENT CHECKLIST

Provide *if available.*

Panel datasheet, fixings and mounting design are required to issue a signed report.

- Data sheet for PV panel Req
- Fixings specifications Req
- Mounting design Req
- PV panel layout / boundary Req
- PVSol design Recmd
- Full site address incl. post code Req
- Any other information Optional



SITE & DRONE FOOTAGE · SHEET 3 OF 4

## Photograph *the site.*

Example footage required. Aerial or hand-held imagery is acceptable. Photograph each item below.



FULL SITE PHOTO



MONOPITCH EXAMPLE



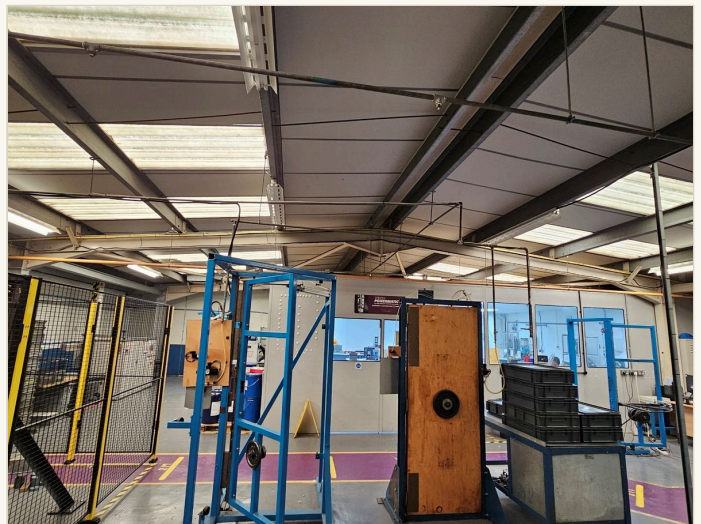
DUOPITCH EXAMPLE



HIPPED ROOF EXAMPLE



FLAT ROOF EXAMPLE



INTERNAL FRAME EXAMPLE



INTERNAL FRAME · SHEET 4 OF 4

## Photograph *the structure.*

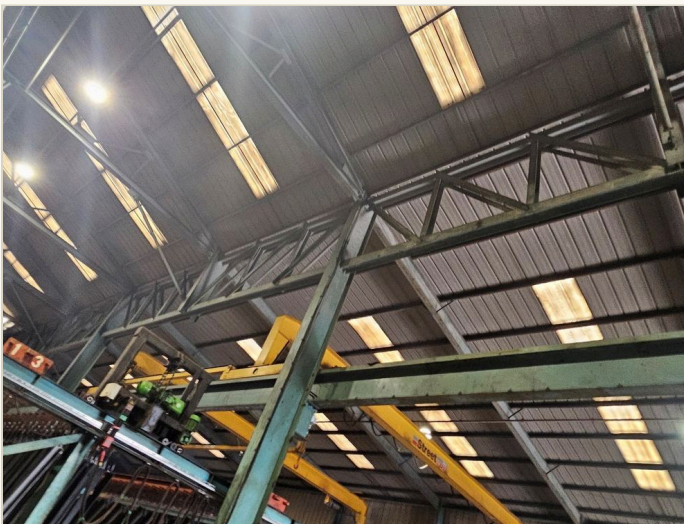
Example footage required. Aerial or hand-held imagery is acceptable. Photograph each item below.



ROOF PROFILE AND FIXINGS



SHOWING OBSTRUCTIONS



FRAME AND CONNECTIONS



INTERNAL FRAME EXAMPLE



INTERNAL FRAME EXAMPLE



INTERNAL FRAME EXAMPLE