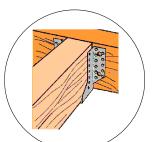
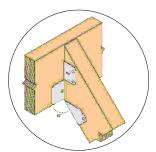


Use 'Simpson JHM' or similar approved joist hanger for timber joists to masonry wall connection



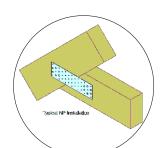
Use 'Simpson SDE' or similar approved joist hanger for joists to joist/timber beam connection



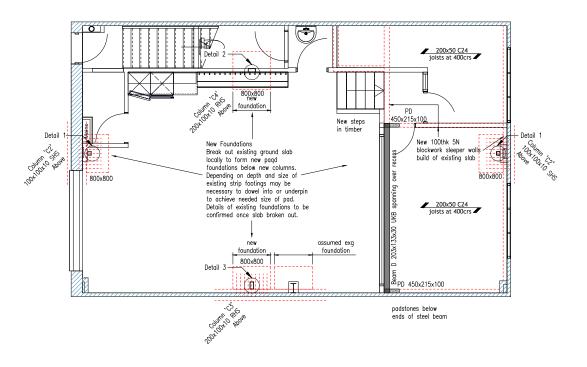
Use 'Simpson SPR' or similar approved slope adjustable joist hangers for rafters to flat timber beams connection



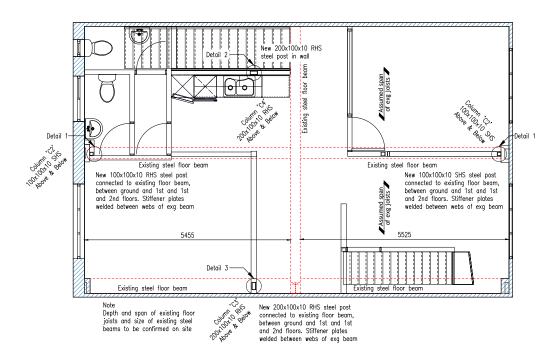
Use 'Simpson A35' or similar approved connection for timber joists to wall plate



Use 'Simpson NP100/200' or similar approved plates, one on each side of the timber connection. Angle to suit the site dimensions. Min 20 nails 3.75x30



Proposed Ground Floor Plan Showing Structural Elements at Slab/Foundation Level Scale 1:100



Proposed First Floor Plan Showing Structural Elements at Slab Level
Scale 1:100

| ALL STEEL TO BE GR         | RADE S355 U.N.O.   |
|----------------------------|--|
| BEAMS SCHED                | ULE & KEY  |
| Steel Trimmer Beams        | ■ UKPFC100x50x10   |
| Steel Beams 'A', 'B' & 'C' |  |
| Steel Beam 'D'             | I UKB203x133x30  |
| Steel Posts                | □ 100 SHS 10   |
| Columns 'C1' & 'C2'        | □ 100 SHS 10   |
| Columns 'C3' & 'C4'        | RSH 200x100x10   |
| 50x200<br>400 c/c          | Timber Floor Joists/Rafters C24<br>50x200 at 400mm c/c.<br>Double-up where shown |
| L1                         | Timber Lintel 2 x C24 50x200, or similar approved                                |

All steel beams carrying load—bearing masonry walls wider than their flanges are to have 12mm thick top/bottom flange plates continuously welded along the length to suit the wall width U.N.O.

| - |      | _   |             |
|---|------|-----|-------------|
| 1 | ssue | TOT | information |

26.10.2023 PAS

| Revision   | Date | Initial |
|--|------|---------|
| Status<br>PRELIMINARY                              |      |         |
| Project ALPHA CREW HQ UNIT 3 - PEERGLOW ESTATE EN3 | 4SB  |         |
|  |      |         |

## Client

KAMIL KOVAR

## Drawing Title

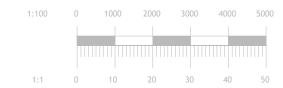
GROUND AND FIRST FLOOR PLAN

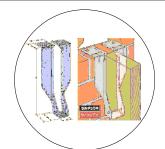
| Date       | Scale          | Drawn by |
|------------|----------------|----------|
| OCT 2023   | AS SHOWN AT A3 | PAS      |
| Project No | Drawing No     | Revision |
| SH2319     | 01             | -        |
|            |                |          |

SURREY HILLS
SG4 0AP

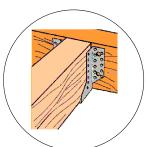
HITCHIN OFFICE 40A WILBURY WAY HITCHIN HERTFORDSHIRE SG4 0AP

info@surreyhillseng.co.uk visit: www.surreyhillseng.co.uk

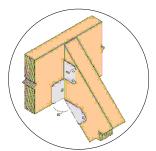




Use 'Simpson JHM' or similar approved joist hanger for timber joists to masonry wall connection



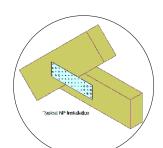
Use 'Simpson SDE' or similar approved joist hanger for joists to joist/timber beam connection



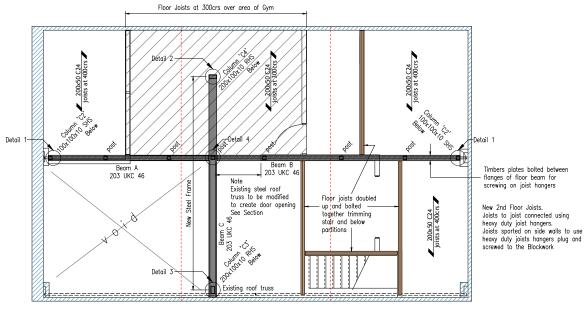
Use 'Simpson SPR' or similar approved slope adjustable joist hangers for rafters to flat timber beams connection



Use 'Simpson A35' or similar approved connection for timber joists to wall plate



Use 'Simpson NP100/200' or similar approved plates, one on each side of the timber connection. Angle to suit the site dimensions. Min 20 nails 3.75x30



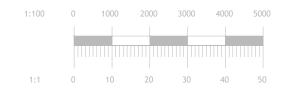
Proposed Second Floor Plan Showing Structural Elements at Slab Level Scale 1:100

| ALL STEEL TO BE GRADE S355 U.N.O. |  |  |
|-----------------------------------|--|--|
| BEAMS SCHED                       | ULE & KEY  |  |
| Steel Trimmer Beams               | ■ UKPFC100x50x10   |  |
| Steel Beams 'A', 'B' & 'C'        | □ UKC203x203x46  |  |
| Steel Beam 'D'                    | I UKB203x133x30  |  |
| Steel Posts                       | □ 100 SHS 10   |  |
| Columns 'C1' & 'C2'               | □ 100 SHS 10   |  |
| Columns 'C3' & 'C4'               | RSH 200x100x10   |  |
| 50x200<br>400 c/c                 | Timber Floor Joists/Rafters C24<br>50x200 at 400mm c/c.<br>Double-up where shown |  |
| L1                                | Timber Lintel 2 x C24 50x200, or similar approved                                |  |

All steel beams carrying load-bearing masonry walls wider than their flanges are to have 12mm thick top/bottom flange plates continuously welded along the length to suit the wall width U.N.O.

| An<br>No<br>Cu<br>As<br>by<br>wo<br>ne | urrent roof sheeting is corrugated bestos and removal to be undertaken a specialist licensed contractor, riking strictly in accordance with all cessary and obligatory Health and fety rules and regulations   |               | Existing steel roof truss                                    |
|--|--|---------------|--|
| SHS TUNUT (TOTAL)                      | Beam A 203 UKC 46  Existing steel roof truss to be modified to create door opening New steel trimmers botted/Wilded between existing truss members  Existing floor   | existing pier | Existing ster  |
|  | <u> </u>   |               |  |
| existing pier                          | Existing steel floor beam  New 100x100x10 SHS steel posts connected to existing floor beam, between ground and 1st and 1st and 1st and 1st differer plates welded between webs of exg beam  Existing steel floor beam.  New 100x100x10 SHS steel posts connected to existing floor beam, between ground and 1st and 1s | existing pier |  |
| 100×100×10 SHS                         | Details of existing 200x50 C24  Ground Floor Slab joists at 400crs to be confirmed   |               | New 100thk 5N blockwork sleeper walls build of existing slab |
|  | New Foundations Break out existing ground slab locally to form new pad foundations below new columns. Depending on depth and size of existing strip footings may be necessary to dowel into or underpin to achieve needed size of pad. Details of existing foundations to be   |               | <u> </u>   |

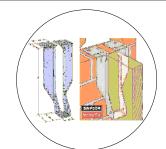
Proposed Section on central Truss line Scale 1:100



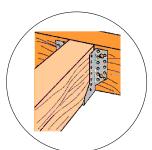
Revision Date Initial Status PRELIMINARY Project ALPHA CREW HQ UNIT 3 - PEERGLOW ESTATE EN3 4SB Client KAMIL KOVAR Drawing Title SECOND FLOOR PLAN AND SECTION Date Drawn by Scale OCT 2023 AS SHOWN AT A3 PAS Project No Drawing No Revision SH2319 02 HITCHIN OFFICE 40A WILBURY WAY SURREY HILLS
SURVEY HILLS
SG4 0AP info@surreyhillseng.co.uk visit: www.surreyhillseng.co.uk

Issue for information

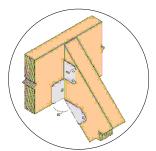
26.10.2023 PAS



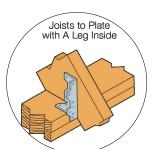
Use 'Simpson JHM' or similar approved joist hanger for timber joists to masonry wall connection



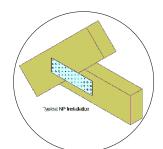
Use 'Simpson SDE' or similar approved joist hanger for joists to joist/timber beam connection



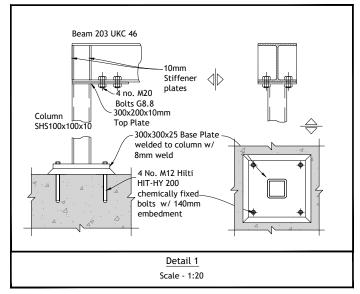
Use 'Simpson SPR' or similar approved slope adjustable joist hangers for rafters to flat timber beams connection

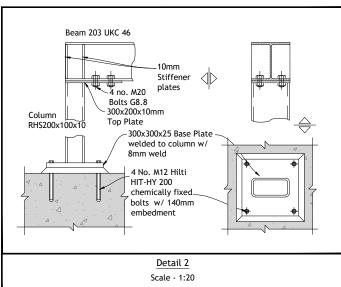


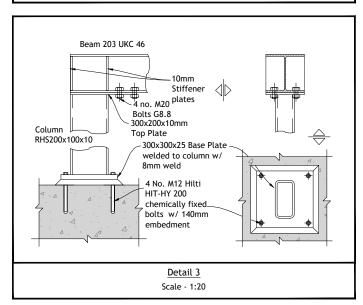
Use 'Simpson A35' or similar approved connection for timber joists to wall plate

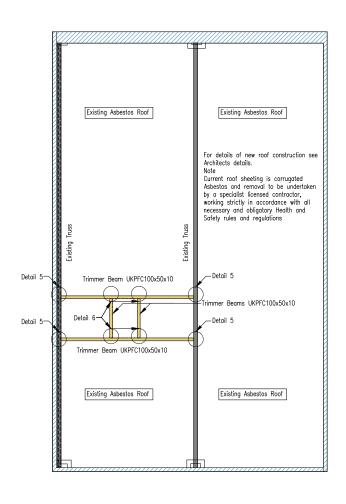


Use 'Simpson NP100/200' or similar approved plates, one on each side of the timber connection. Angle to suit the site dimensions. Min 20 nails 3.75x30

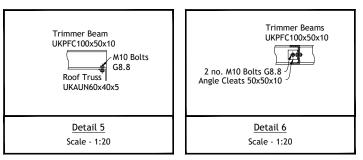


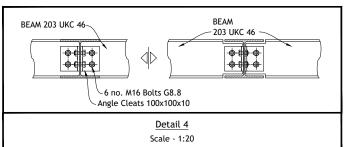


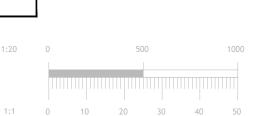




Proposed Roof Plan Showing Structural Elements Within Roof Scale 1:100







| Steel Trimmer Beams        | ■ UKPFC100x50x10   |
|----------------------------|--|
| Steel Beams 'A', 'B' & 'C' |  |
| Steel Beam 'D'             | I UKB203x133x30  |
| Steel Posts                | □ 100 SHS 10   |
| Columns 'C1' & 'C2'        | □ 100 SHS 10   |
| Columns 'C3' & 'C4'        | RSH 200x100x10   |
| 50x200<br>400 c/c          | Timber Floor Joists/Rafters C24<br>50x200 at 400mm c/c.<br>Double-up where shown |
| L1                         | Timber Lintel 2 x C24 50x200, or similar approved                                |

:100 0 1000 2000 3000 4000 5000

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Issue for information

26.10.2023 PAS

Initial

Revision Date

Status PRELIMINARY

Project
ALPHA CREW HQ

UNIT 3 - PEERGLOW ESTATE EN3 4SB

Client

KAMIL KOVAR

Drawing Title

ROOF PLAN AND DETAILS

DateScaleDrawn byOCT 2023AS SHOWN AT A3PASProject NoDrawing NoRevisionSH231903-



HITCHIN OFFICE 40A WILBURY WAY HITCHIN HERTFORDSHIRE SG4 0AP

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