

## P23012 Wingates Plot 3

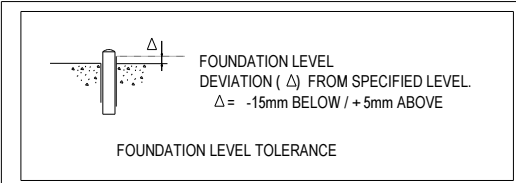
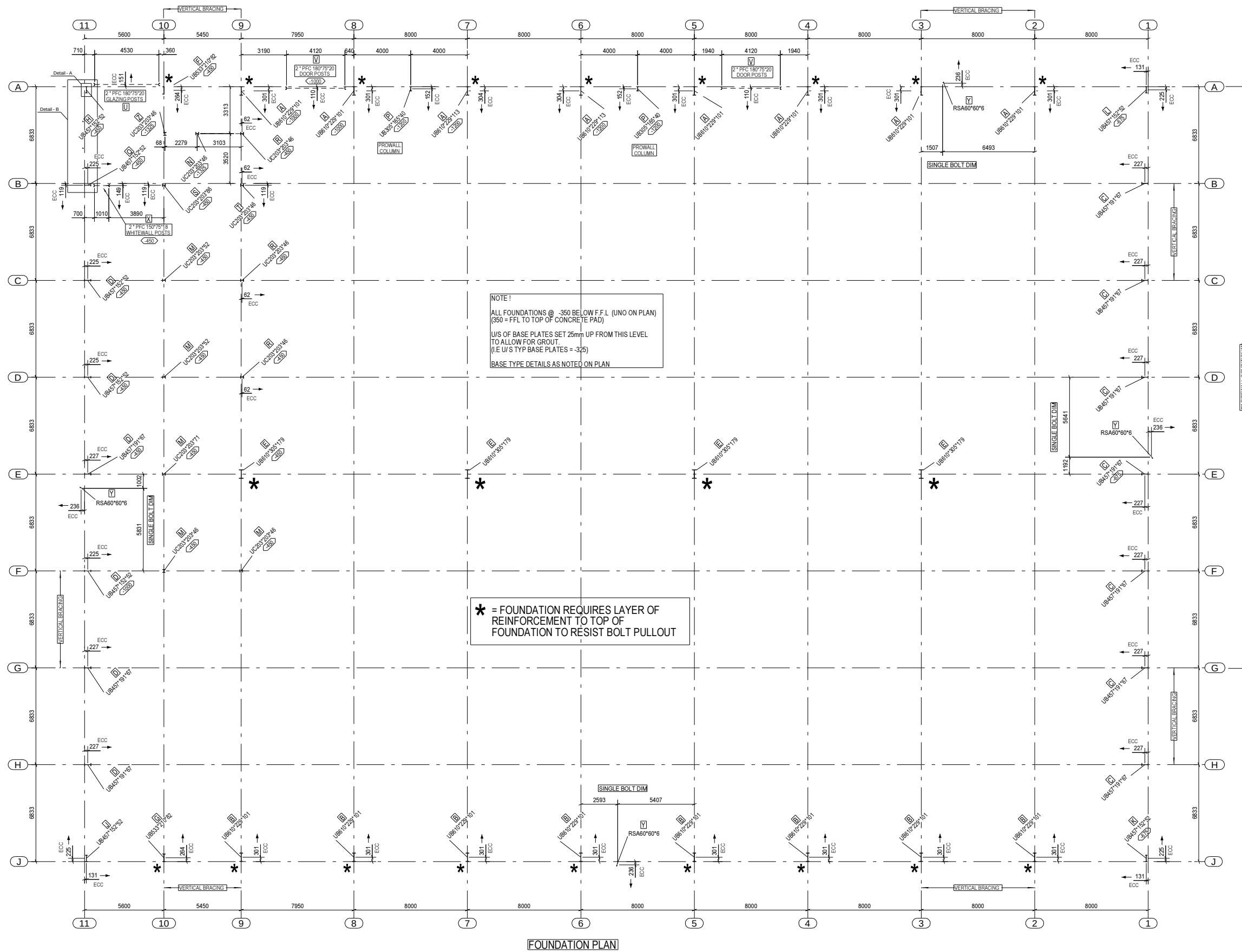
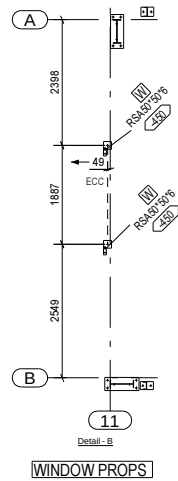
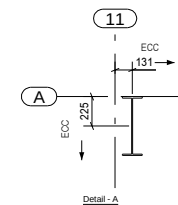
### Drawing Register: Compass

*Please note: All drawings listed below are hyperlinked to the drawings listed.  
Please click on the drawing title to go directly to the drawing of your choice.*

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#### Works Completed: Structural Steelwork

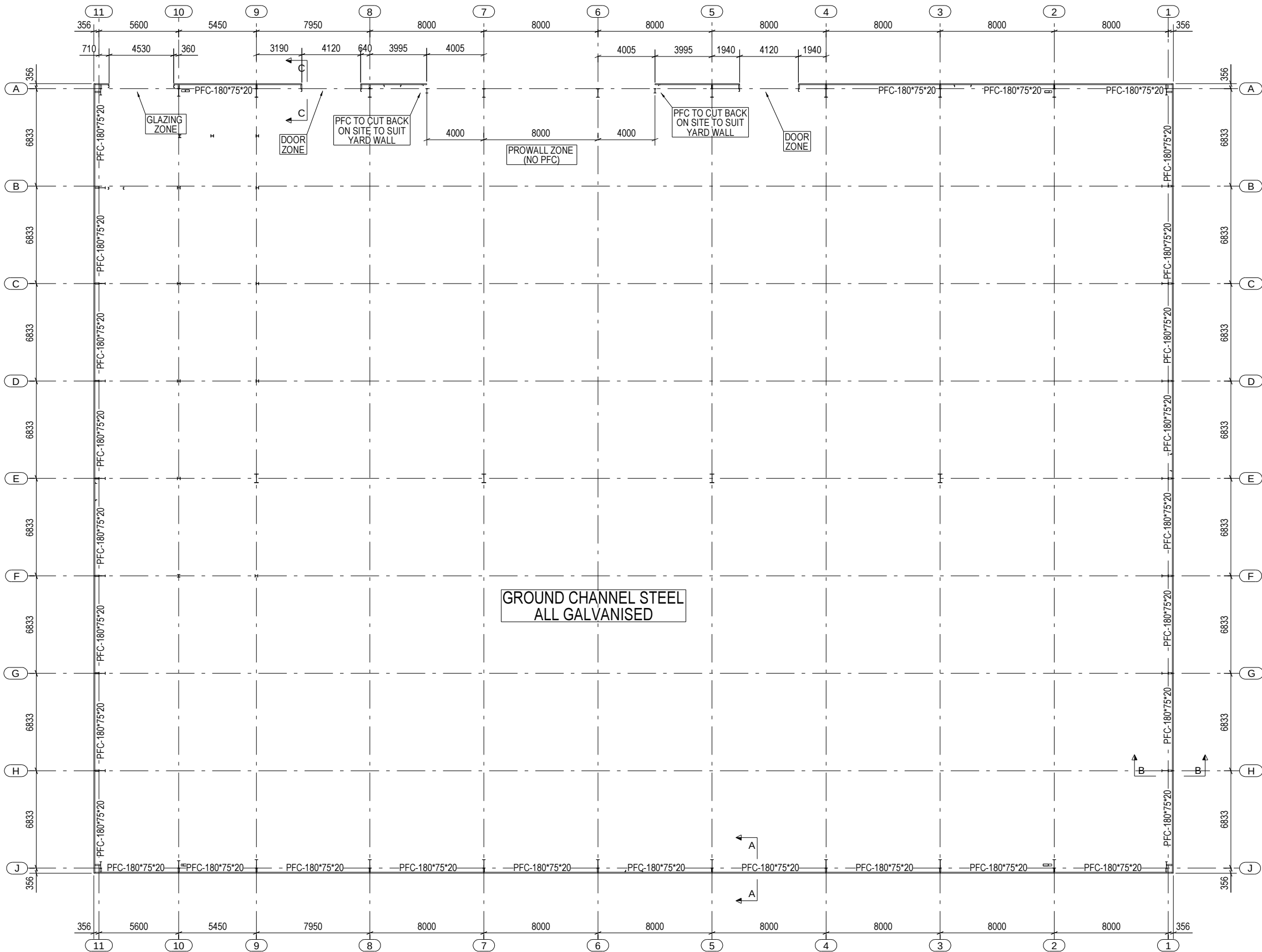
| Drawing No.                | Drawing Title                                             | Rev |
|----------------------------|-----------------------------------------------------------|-----|
| P23012-CEL-ZZ-00-DR-Y-0001 | <a href="#">Foundation Plan</a>                           | AB1 |
| P23012-CEL-ZZ-00-DR-Y-0010 | <a href="#">Ground Channel Plan</a>                       | AB1 |
| P23012-CEL-ZZ-00-DR-Y-0011 | <a href="#">Base Types Page 1 of 3</a>                    | AB1 |
| P23012-CEL-ZZ-00-DR-Y-0012 | <a href="#">Base Types Page 2 of 3</a>                    | AB1 |
| P23012-CEL-ZZ-00-DR-Y-0013 | <a href="#">Base Types Page 3 of 3</a>                    | AB1 |
| P23012-CEL-ZZ-RF-DR-Y-0008 | <a href="#">Roof Plan</a>                                 | AB1 |
| P23012-CEL-ZZ-ZZ-DR-Y-0002 | <a href="#">Typical Section</a>                           | AB1 |
| P23012-CEL-ZZ-ZZ-DR-Y-0003 | <a href="#">Elevation on GLJ</a>                          | AB1 |
| P23012-CEL-ZZ-ZZ-DR-Y-0004 | <a href="#">Elevation on GL A</a>                         | AB1 |
| P23012-CEL-ZZ-ZZ-DR-Y-0005 | <a href="#">Elevation on GL11</a>                         | AB1 |
| P23012-CEL-ZZ-ZZ-DR-Y-0006 | <a href="#">Elevation on GL 1</a>                         | AB1 |
| P23012-CEL-ZZ-ZZ-DR-Y-0007 | <a href="#">Floor Plans</a>                               | AB1 |
| P23012-CEL-ZZ-ZZ-DR-Y-0009 | <a href="#">Whitewall Elevations &amp; Valley Section</a> | AB1 |



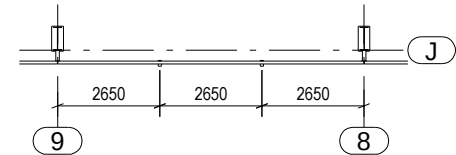
GENERAL NOTES:  
HOLDING DOWN BOLTS SUPPLIED BY COMPASS ENG. LTD & FIXED BY GENERAL CONTRACTOR IN POCKETS OR TUBES (76 DIA APPROX) (I.E ANCHORED BUT FREE TO MOVE)  
THREADS AND NUTS TO BE GREASED & PROTECTED FROM DAMAGE  
GENERAL CONTRACTOR TO CHECK SETTING OUT FOR SQUARE CONCRETE BASES TO BE SMOOTH & FLAT TO TAKE STEEL PACKS  
NOTE 1: ORIENTATION, LEVELS AND ECCENTRICITIES

Steel Grades:  
PFC/UC/JUB = S355  
FLY/PL/TRA = S275  
CHS/RHS/SIS = S355 J2H Cold Formed (UNO)  
(Sub Grades to be Determined to BS5950)  
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|                                                                                                  |                                |                    |
|--------------------------------------------------------------------------------------------------|--------------------------------|--------------------|
| P01                                                                                              | FIRST ISSUE                    | 25.09.2023         |
| C01                                                                                              | CONSTRUCTION ISSUE             | 13.10.2023         |
| C02                                                                                              | CONSTRUCTION ISSUE             | 26.10.2023         |
| C03                                                                                              | CONSTRUCTION ISSUE             | 24.01.2024         |
| AB1                                                                                              | AS BUILT ISSUE                 | 07.03.2024         |
| REV MARK                                                                                         | REVISION DESCRIPTION           | REV. DATE          |
| EXECUTION CLASS 2                                                                                |                                |                    |
| Compass Engineering Ltd<br>Whaley Road, Barnsley, S75 1HT<br>Tel: 01226 298388 Fax: 01226 283215 |                                |                    |
| DRAWING TITLE                                                                                    | Foundation Plan                |                    |
| CONTRACT                                                                                         | Wingates, Bolton               |                    |
| STATUS                                                                                           | AS BUILT                       |                    |
| MODELLED BY                                                                                      | RK                             | CHECKED BY: RK     |
| CONTRACT NO                                                                                      | 223042                         | DESIGN CHECK : DD  |
| DRAWING No                                                                                       | P23012-CEL-ZZ-00-DR-Y-0001-C02 | ISSUE : 25.09.2023 |
|                                                                                                  | SCALE                          | 1:20 1:50 1:100    |
|                                                                                                  | REVISION No.                   | AB1                |



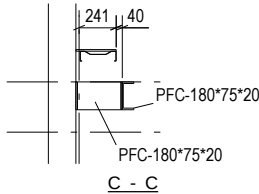
GROUND CHANNEL PLAN



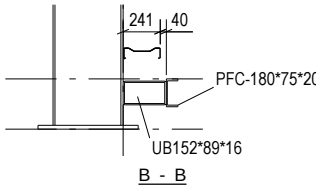
BRACKET FOR ROAD PIN  
AT 1/3 POINTS TYPICAL  
MID BAY GL 11 - 9



ROAD PIN SUPPLIED  
AND FIXED BY OTHERS



TYPICAL RETURN AT  
DOOR POST



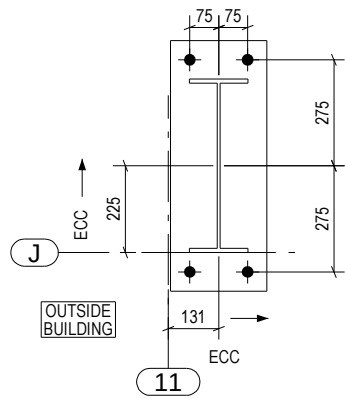
TYPICAL RETURN AT  
COLUMN

Steel Grades:  
PFC/UC/UB = S355  
FLT/PLT/RSA = S275  
CHS/RHS/SHS = S355 J2H Cold Formed (UNO)  
(Sub Grades to be Determined to BS5950)

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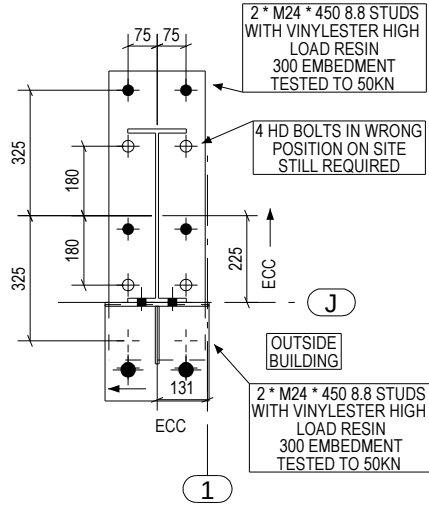
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|--------------------------------------------------------------------------------------------------|--------------------------------|--------------------|
| P01                                                                                              | FIRST ISSUE                    | 29.09.2023         |
| C01                                                                                              | CONSTRUCTION ISSUE             | 13.10.2023         |
| AB1                                                                                              | AS BUILT ISSUE                 | 07.03.2024         |
| REV MARK                                                                                         | REVISION DESCRIPTION           | REV. DATE          |
| EXECUTION CLASS 2                                                                                |                                |                    |
| Compass Engineering Ltd<br>Whaley Road, Barnsley, S75 1HT<br>Tel: 01226 298388 Fax: 01226 283215 |                                |                    |
| DRAWING TITLE                                                                                    | Ground Channel Plan            |                    |
| CONTRACT                                                                                         | Wingates, Bolton               |                    |
| STATUS                                                                                           | AS BUILT                       |                    |
| MODELLED BY                                                                                      | RK                             | CHECKED BY: RK     |
| CONTRACT NO                                                                                      | 223042                         | DESIGN CHECK : DD  |
| DRAWING No                                                                                       | P23012-CEL-ZZ-00-DR-Y-0010-C01 | ISSUE : 18.09.2023 |
| SCALE                                                                                            |                                | 1:25 1:100 1:150   |
| REVISION No.                                                                                     |                                | AB1                |





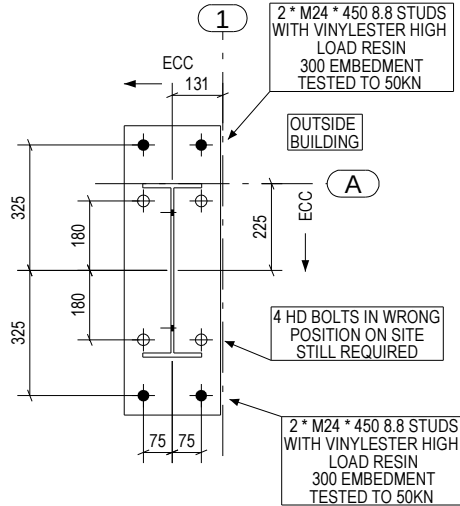
BASE TYPE = J

4 No M24 x 600 Lg H.D BOLTS  
GRADE 8.8  
4 No 150 x 10 x 150 WASHER PLATES  
EMBEDEMENT = 450 BOLT PROJECTION = 150  
UB 457 \* 152 \* 52  
BASE PLATE = 250 \* 25 \* 650  
1 REQUIRED



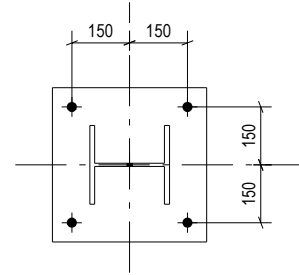
BASE TYPE = K

4 No M24 x 600 Lg H.D BOLTS  
GRADE 8.8  
4 No 150 x 10 x 150 WASHER PLATES  
EMBEDEMENT = 450 BOLT PROJECTION = 150  
UB 457 \* 152 \* 52  
BASE PLATE = 250 \* 25 \* 750  
1 REQUIRED



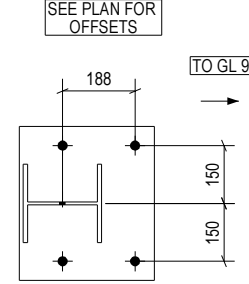
BASE TYPE = L

4 No M24 x 600 Lg H.D BOLTS  
GRADE 8.8  
4 No 150 x 10 x 150 WASHER PLATES  
EMBEDEMENT = 450 BOLT PROJECTION = 150  
UB 457 \* 152 \* 52  
BASE PLATE = 250 \* 25 \* 750  
1 REQUIRED



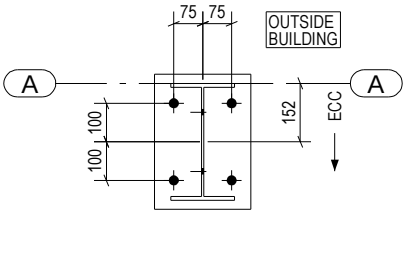
BASE TYPE = M

4 No M20 x 450 Lg H.D BOLTS  
GRADE 8.8  
4 No 100 x 10 x 100 WASHER PLATES  
EMBEDEMENT = 300 BOLT PROJECTION = 150  
UC 203 \* 203  
BASE PLATE = 400 \* 20 \* 400  
5 REQUIRED



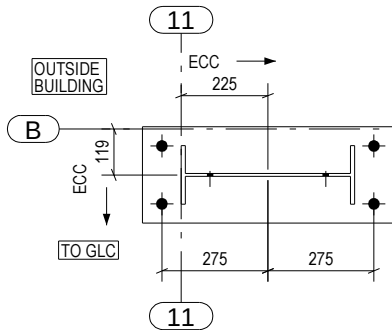
BASE TYPE = N

4 No M20 x 450 Lg H.D BOLTS  
GRADE 8.8  
4 No 100 x 10 x 100 WASHER PLATES  
EMBEDEMENT = 300 BOLT PROJECTION = 150  
UC 203 \* 203 \* 46  
BASE PLATE = 350 \* 25 \* 400  
1 REQUIRED



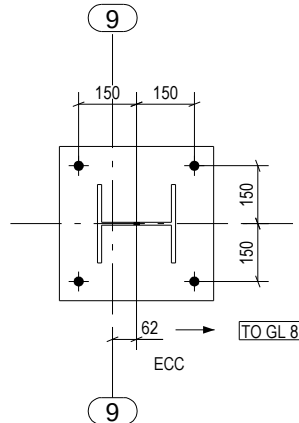
BASE TYPE = P

4 No M20 x 450 Lg H.D BOLTS  
GRADE 8.8  
4 No 100 x 10 x 100 WASHER PLATES  
EMBEDEMENT = 300 BOLT PROJECTION = 150  
UB 305 \* 165 \* 40  
BASE PLATE = 250 \* 10 \* 350  
2 REQUIRED



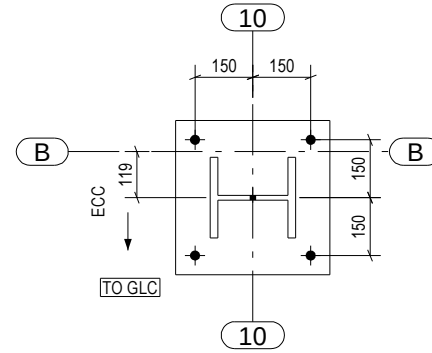
BASE TYPE = Q

4 No M24 x 600 Lg H.D BOLTS  
GRADE 8.8  
4 No 150 x 10 x 150 WASHER PLATES  
EMBEDEMENT = 450 BOLT PROJECTION = 150  
UB 457 \* 152 \* 52  
BASE PLATE = 250 \* 25 \* 650  
1 REQUIRED



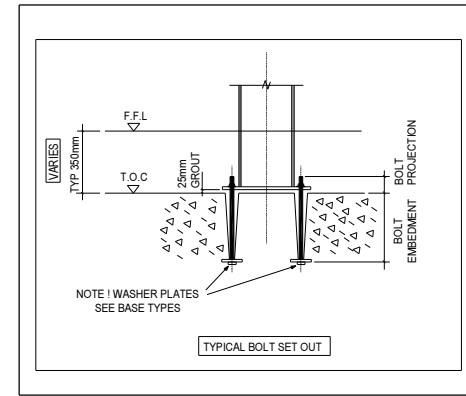
BASE TYPE = R

4 No M20 x 450 Lg H.D BOLTS  
GRADE 8.8  
4 No 100 x 10 x 100 WASHER PLATES  
EMBEDEMENT = 300 BOLT PROJECTION = 150  
UC 203 \* 203 \* 46  
BASE PLATE = 400 \* 20 \* 400  
3 REQUIRED



BASE TYPE = S

4 No M20 x 450 Lg H.D BOLTS  
GRADE 8.8  
4 No 100 x 10 x 100 WASHER PLATES  
EMBEDEMENT = 300 BOLT PROJECTION = 150  
UC 203 \* 203 \* 86  
BASE PLATE = 400 \* 20 \* 400  
1 REQUIRED

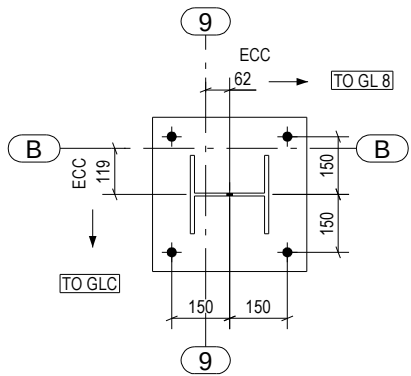


GENERAL NOTES!  
HOLDING DOWN BOLTS SUPPLIED BY COMPASS ENG. LTD & FIXED BY GENERAL CONTRACTOR IN POCKETS OR TUBES (76 DIA APPROX) (I.E ANCHORED BUT FREE TO MOVE)  
THREADS AND NUTS TO BE GREASED & PROTECTED FROM DAMAGE.  
GENERAL CONTRACTOR TO CHECK SETTING OUT FOR SQUARE.  
CONCRETE BASES TO BE SMOOTH & FLAT TO TAKE STEEL PACKS.  
NOTE 1: ORIENTATION, LEVELS AND ECCENTRICITIES

Steel Grades:  
PFC/UC/UB = S355  
FLT/PLT/RSA = S275  
CHS/RHS/SHS = S355 J2H Cold Formed (UNO)  
(Sub Grades to be Determined to BS5950)

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|--------------------------------------------------------------------------------------------------|--------------------------------|--------------------|
| P01                                                                                              | FIRST ISSUE                    | 04.10.2023         |
| C01                                                                                              | CONSTRUCTION ISSUE             | 13.10.2023         |
| C02                                                                                              | CONSTRUCTION ISSUE             | 17.11.2023         |
| AB1                                                                                              | AS BUILT ISSUE                 | 07.03.2024         |
| REV MARK                                                                                         | REVISION DESCRIPTION           | REV. DATE          |
| EXECUTION CLASS 2                                                                                |                                |                    |
| Compass Engineering Ltd<br>Whaley Road, Barnsley, S75 1HT<br>Tel: 01226 298388 Fax: 01226 283215 |                                |                    |
| DRAWING TITLE                                                                                    | Base Types (page 2 of 3)       |                    |
| CONTRACT                                                                                         | Wingates, Bolton               |                    |
| STATUS                                                                                           | AS BUILT                       |                    |
| MODELLED BY                                                                                      | RK                             | CHECKED BY: RK     |
| CONTRACT NO                                                                                      | 223042                         | DESIGN CHECK : DD  |
| DRAWING No                                                                                       | P23012-CEL-ZZ-00-DR-Y-0012-C02 | ISSUE : 18.09.2023 |
|                                                                                                  |                                | SCALE 1:10         |
|                                                                                                  |                                | REVISION No. AB1   |



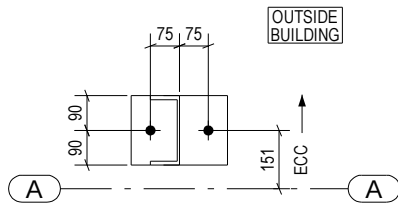
BASE TYPE = T

4 No M20 x 300 Lg H.D BOLTS  
GRADE 8.8  
4 No 100 x 10 x 100 WASHER PLATES  
EMBEDEMENT = 180 BOLT PROJECTION = 120

UC 203 \* 203 \* 46

BASE PLATE = 400 \* 20 \* 400

1 REQUIRED



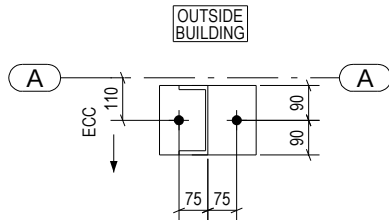
BASE TYPE = U

2 No M20 x 300 Lg H.D BOLTS  
GRADE 8.8  
2 No 100 x 10 x 100 WASHER PLATES  
EMBEDEMENT = 180 BOLT PROJECTION = 120

PFC 180 \* 75 \* 20

BASE PLATE = 180 \* 10 \* 250

2 REQUIRED



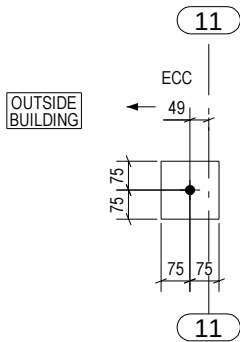
BASE TYPE = V

2 No M20 x 300 Lg H.D BOLTS  
GRADE 8.8  
2 No 100 x 10 x 100 WASHER PLATES  
EMBEDEMENT = 180 BOLT PROJECTION = 120

PFC 180 \* 75 \* 20

BASE PLATE = 180 \* 10 \* 250

4 REQUIRED



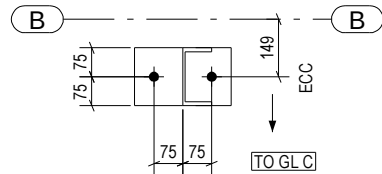
BASE TYPE = W

1 No M20 x 300 Lg H.D BOLTS  
GRADE 8.8  
1 No 100 x 10 x 100 WASHER PLATES  
EMBEDEMENT = 180 BOLT PROJECTION = 120

RSA 50 \* 50 \* 6

BASE PLATE = 150 \* 10 \* 150

2 REQUIRED



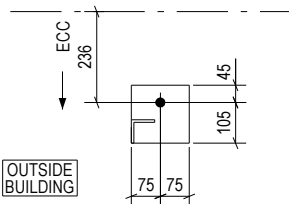
BASE TYPE = X

2 No M20 x 300 Lg H.D BOLTS  
GRADE 8.8  
2 No 100 x 10 x 100 WASHER PLATES  
EMBEDEMENT = 180 BOLT PROJECTION = 120

PFC 150 \* 75 \* 18

BASE PLATE = 150 \* 10 \* 250

2 REQUIRED



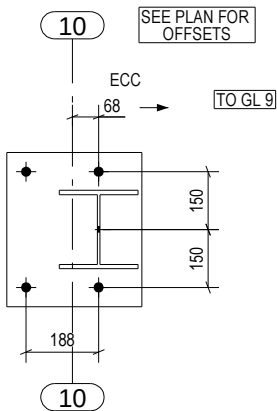
BASE TYPE = Y

1 No M20 x 300 Lg H.D BOLTS  
GRADE 8.8  
1 No 100 x 10 x 100 WASHER PLATES  
EMBEDEMENT = 180 BOLT PROJECTION = 120

RSA 60 \* 60 \* 6

BASE PLATE = 150 \* 10 \* 150

4 REQUIRED



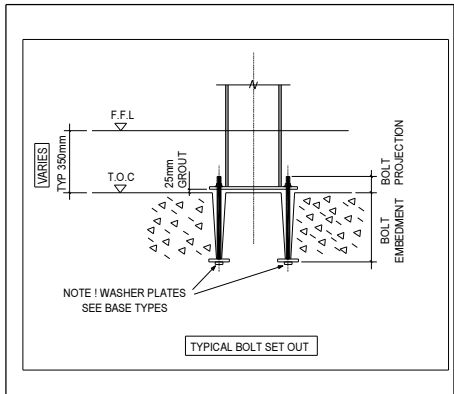
BASE TYPE = Z

4 No M20 x 450 Lg H.D BOLTS  
GRADE 8.8  
4 No 100 x 10 x 100 WASHER PLATES  
EMBEDEMENT = 300 BOLT PROJECTION = 150

UC 203 \* 203 \* 46

BASE PLATE = 350 \* 25 \* 400

1 REQUIRED



GENERAL NOTES !

HOLDING DOWN BOLTS SUPPLIED BY COMPASS ENG. LTD & FIXED BY GENERAL CONTRACTOR IN POCKETS OR TUBES (76 DIA APPROX) (I.E ANCHORED BUT FREE TO MOVE)  
THREADS AND NUTS TO BE GREASED & PROTECTED FROM DAMAGE.  
GENERAL CONTRACTOR TO CHECK SETTING OUT FOR SQUARE.  
CONCRETE BASES TO BE SMOOTH & FLAT TO TAKE STEEL PACKS.

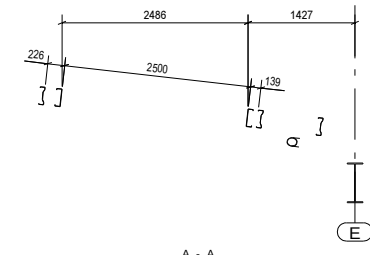
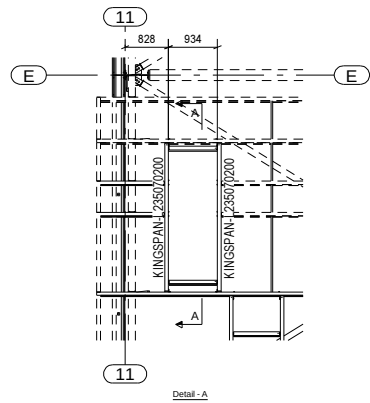
NOTE ! ORIENTATION, LEVELS AND ECCENTRICITIES

Steel Grades:

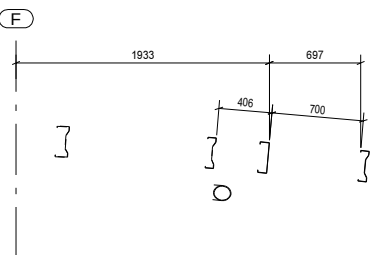
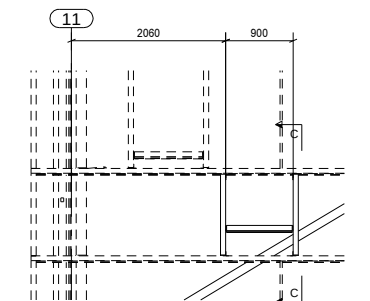
PFC/UC/UB = S355  
FLT/PLT/RSA = S275  
CHS/RHS/SHS = S355 J2H Cold Formed (UNO)  
(Sub Grades to be Determined to BS5950)

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|--------------------------------------------------------------------------------------------------|--------------------------------|------------------|
| P01                                                                                              | FIRST ISSUE                    | 04.10.2023       |
| C01                                                                                              | CONSTRUCTION ISSUE             | 13.10.2023       |
| AB1                                                                                              | AS BUILT ISSUE                 | 07.03.2024       |
| REV MARK                                                                                         | REVISION DESCRIPTION           | REV. DATE        |
| Compass Engineering Ltd<br>Whaley Road, Barnsley, S75 1HT<br>Tel: 01226 298388 Fax: 01226 283215 |                                |                  |
| EXECUTION CLASS 2                                                                                |                                |                  |
| DRAWING TITLE                                                                                    | Base Types (page 3 of 3)       |                  |
| CONTRACT                                                                                         | Wingates, Bolton               |                  |
| STATUS                                                                                           | AS BUILT                       |                  |
| MODELLED BY                                                                                      | RK                             | CHECKED BY: RK   |
| DESIGN CHECK : DD                                                                                | ISSUE : 03.10.2023             |                  |
| CONTRACT NO                                                                                      | 223042                         | SCALE 1:10       |
| DRAWING No                                                                                       | P23012-CEL-ZZ-00-DR-Y-0013-C01 | REVISION No. AB1 |



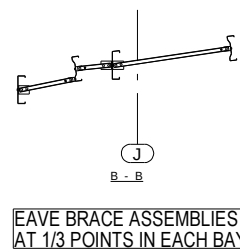
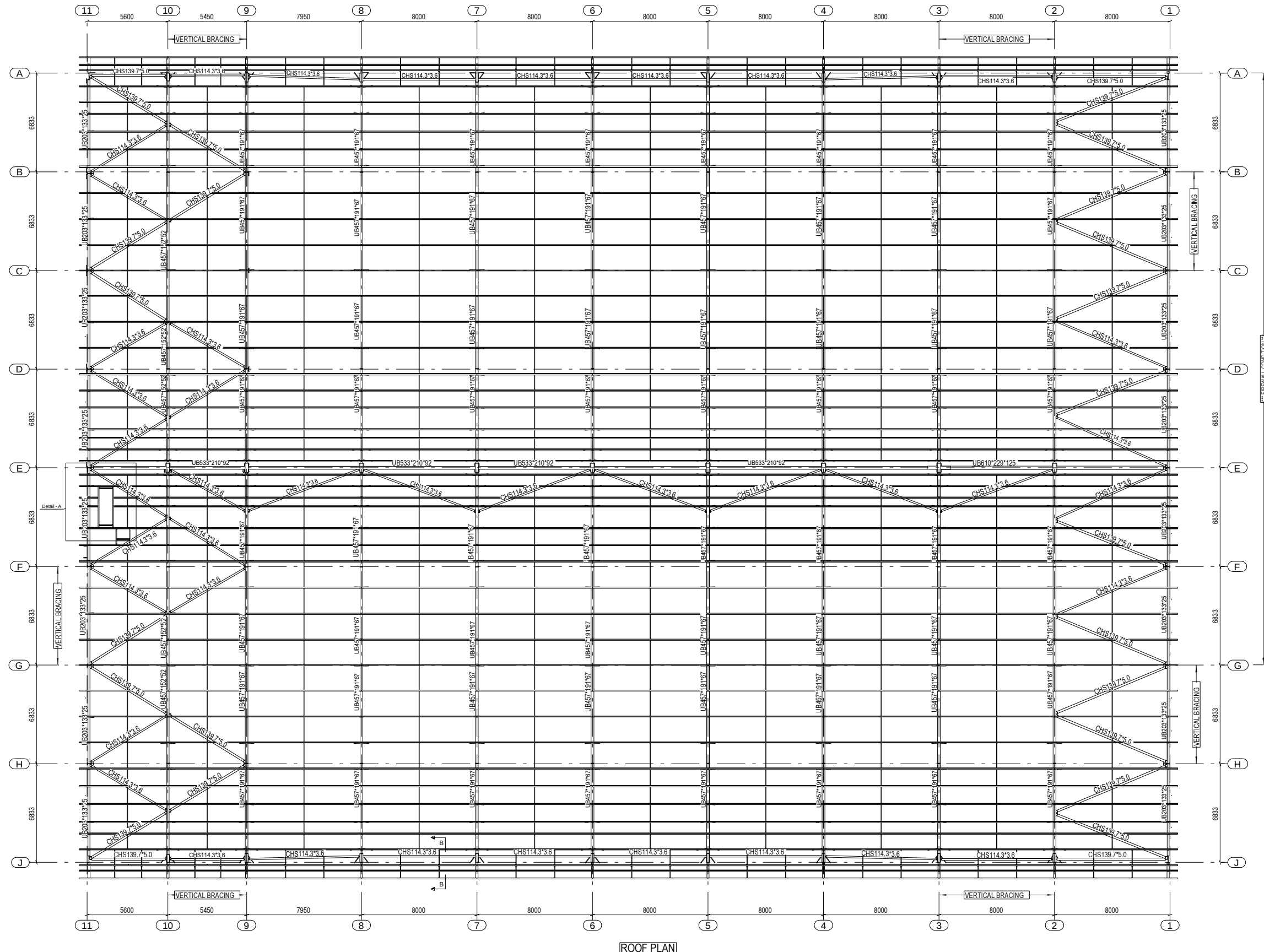
ENLARGED LADDER HATCH



ENLARGED ROOF LOUVRE

ROOF PURLINS:  
KING SPAN M235065150 (GL 10-2)  
KING SPAN M235065220 (GL 1-2 / 11-10)  
SINGLE SPAN HEAVY END BAY  
TUBE TIES @ MIDSPAN  
EAVES BRACE @ 1/3 POINTS

PV ALLOWANCE TO  
WHOLE ROOF



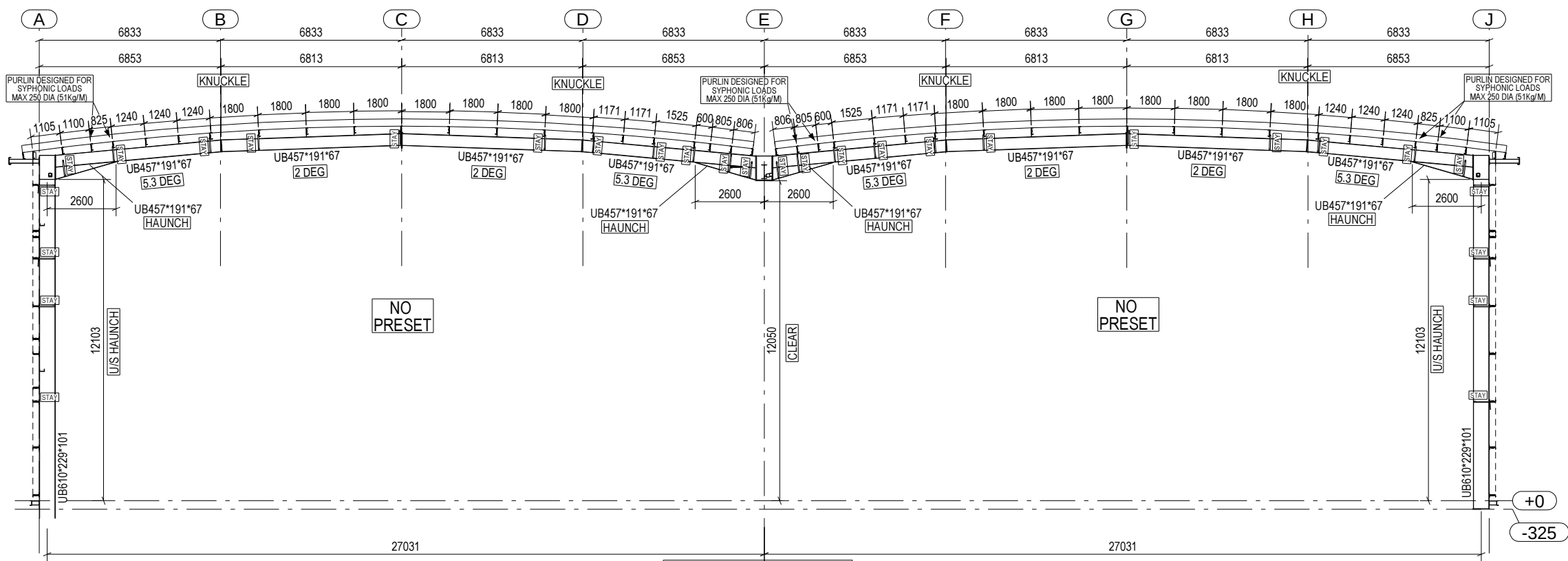
EAVE BRACE ASSEMBLIES  
AT 1/3 POINTS IN EACH BAY

NOTES:  
CLADDING NOTE!  
SCAFFOLDING, NETTING OR ANY OTHER ACCESS EQUIPMENT SHOULD NOT BE FIXED TO COLD ROLLED EAVESBEAMS, RAILS OR PURLIN MEMBERS WITHOUT THE EXPRESS PERMISSION OF COMPASS ENGINEERING LTD.  
CLADDING NOTE!  
ROOF SYSTEMS - THROUGH FIX BUILT UP ROOFING IT IS ASSUMED THAT THE LINER SHEETING /SPACER SYSTEM IS FIXED TO ALL PURLINS TO PROVIDE ADEQUATE RESTRAINT TO THE PURLINS.  
DETAIL NOTE!  
ALL COLD ROLLED TO BE DETAILLED IN ACCORDANCE WITH MANUFACTURERS HANDBOOK & DESIGN CALCULATIONS.  
NO LOADING OF ROOF SHEETING ALLOWED UNLESS METHOD PROPOSED IS SPECIFICALLY APPROVED BY COMPASS ENGINEERING LTD PROJECT DESIGNER  
CLEARER ANGLES TO HIPS & VERGE SUPPLIED BY COMPASS ENG LTD AND FIXED BY CLADDING CONTRACTOR

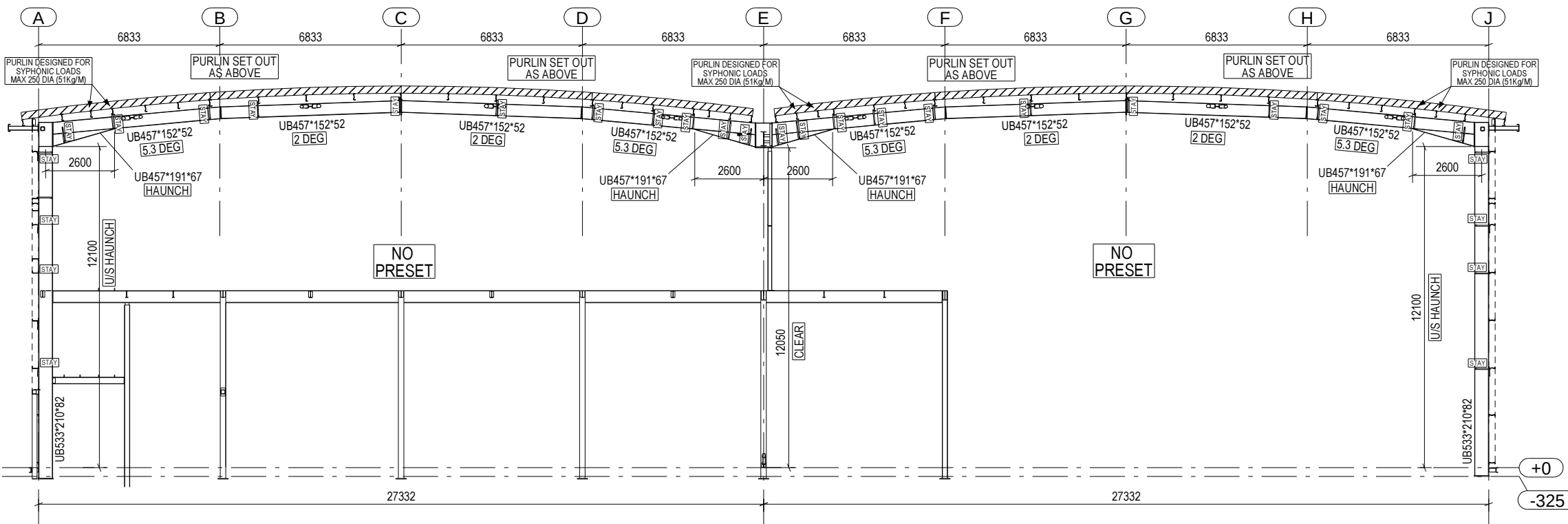
Steel Grades:  
PFC/UC/UB = S355  
FL/PL/TIRISA = S275  
CHS/RHS/SHS = S355 J2H Cold Formed (LHND)  
(Sub Grades to be Determined to BS5950)  
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|--------------------------------------------------------------------------------------------------|--------------------------------|----------------------|
| P01                                                                                              | FIRST ISSUE                    | 29.09.2023           |
| C01                                                                                              | CONSTRUCTION ISSUE             | 13.10.2023           |
| C02                                                                                              | CONSTRUCTION ISSUE             | 26.10.2023           |
| AB1                                                                                              | AS BUILT ISSUE                 | 07.03.2024           |
| REV MARK                                                                                         | REVISION DESCRIPTION           | REV. DATE            |
| EXECUTION CLASS 2                                                                                |                                |                      |
| Compass Engineering Ltd<br>Whaley Road, Barnsley, S75 1HT<br>Tel: 01226 298388 Fax: 01226 283215 |                                |                      |
| DRAWING TITLE                                                                                    | Roof Plan                      |                      |
| CONTRACT                                                                                         | Wingates, Bolton               |                      |
| STATUS                                                                                           | AS BUILT                       |                      |
| MODELLED BY                                                                                      | RK                             | CHECKED BY: RK       |
| CONTRACT NO                                                                                      | 223042                         | DESIGN CHECK : DD    |
| DRAWING No                                                                                       | P23012-CEL-ZZ-RF-DR-Y-0008-C02 | SCALE 1:20 1:25 1:35 |
|                                                                                                  |                                | REVISION No. AB1     |

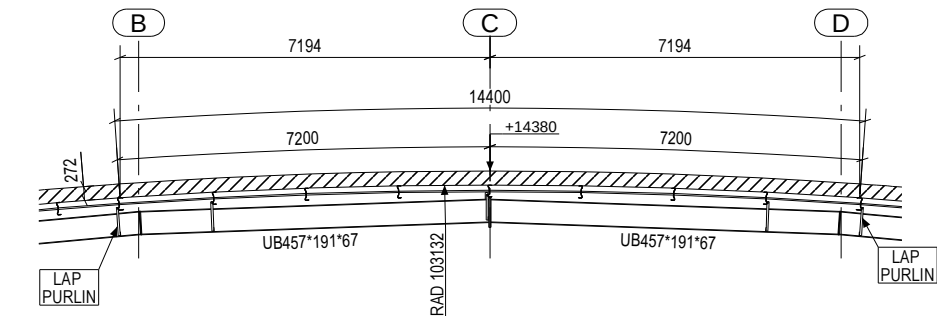




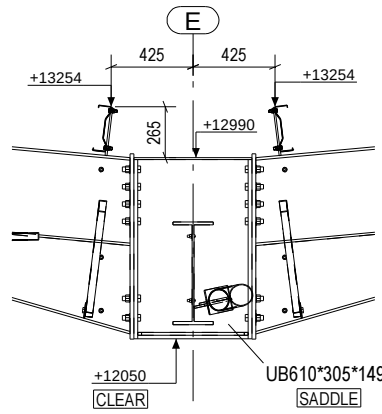
TYPICAL MISS FRAME



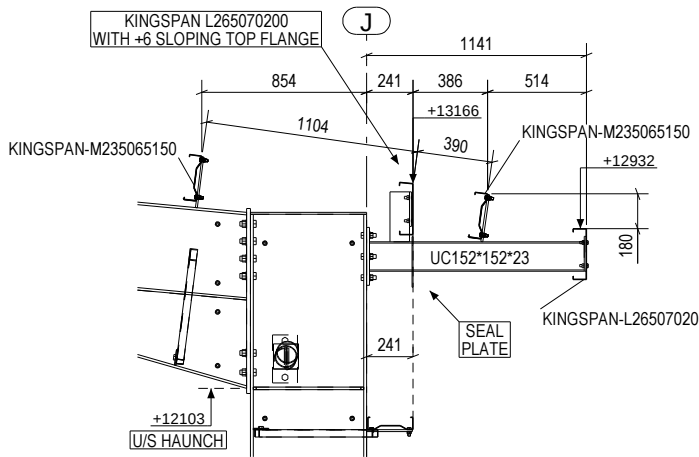
SECTION ON GL 10



ENLARGED CROWN SHEET DETAIL



ENLARGED VALLEY DETAIL



ENLARGED EAVES DETAIL

NOTES !

CLADDING NOTE!

SCAFFOLDING, NETTING OR ANY OTHER ACCESS EQUIPMENT SHOULD NOT BE FIXED TO COLD ROLLED EAVESBEAMS, RAILS OR PURLIN MEMBERS WITHOUT THE EXPRESS PERMISSION OF COMPASS ENGINEERING LTD.

CLADDING NOTE !

ROOF SYSTEMS : THROUGH FIX BUILT UP ROOFING IT IS ASSUMED THAT THE LINER SHEETING / SPACER SYSTEM IS FIXED TO ALL PURLINS TO PROVIDE ADEQUATE RESTRAINT TO THE PURLINS.

DETAIL NOTE !

ALL COLD ROLLED TO BE DETAILED IN ACCORDANCE WITH MANUFACTURERS HANDBOOK & DESIGN CALCULATIONS.

NO LOADING OF ROOF SHEETING ALLOWED UNLESS METHOD PROPOSED IS SPECIFICALLY APPROVED BY COMPASS ENGINEERING LTD PROJECT DESIGNER

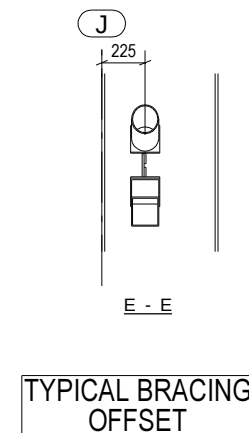
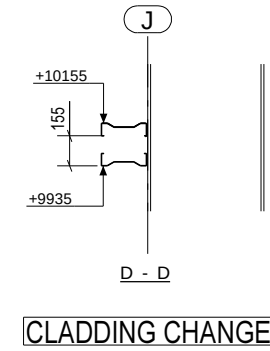
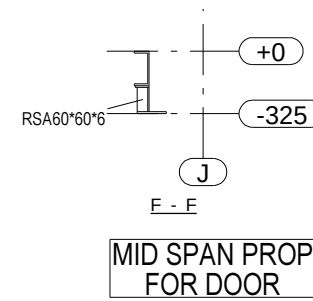
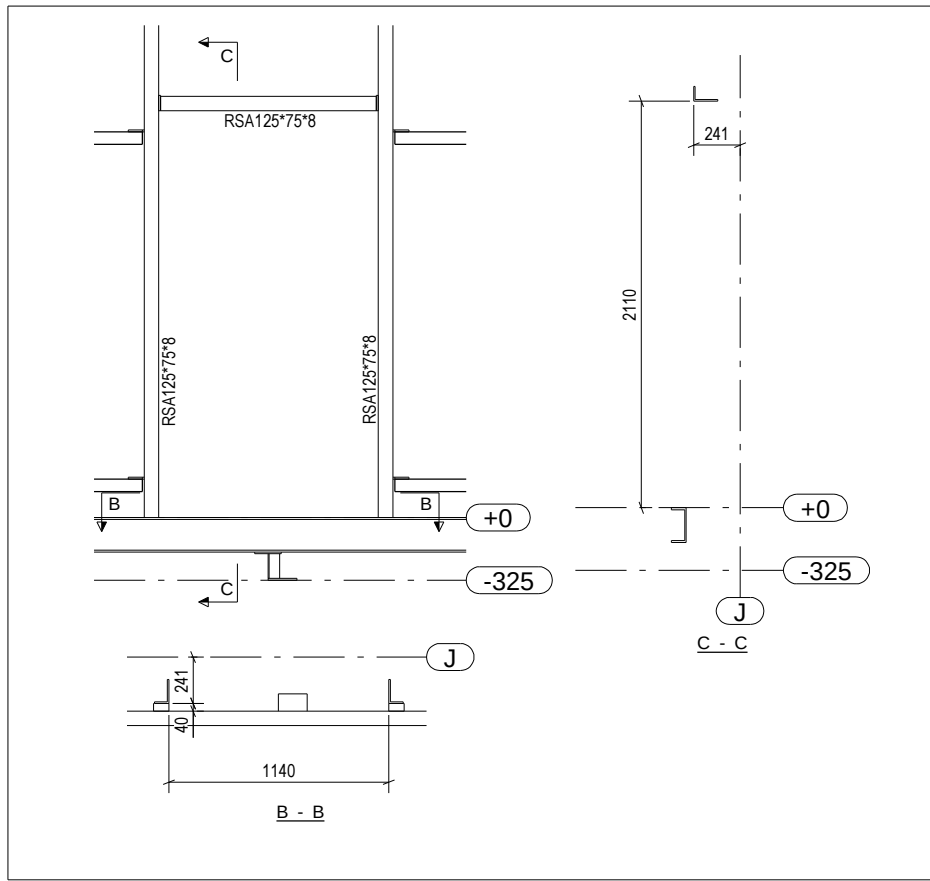
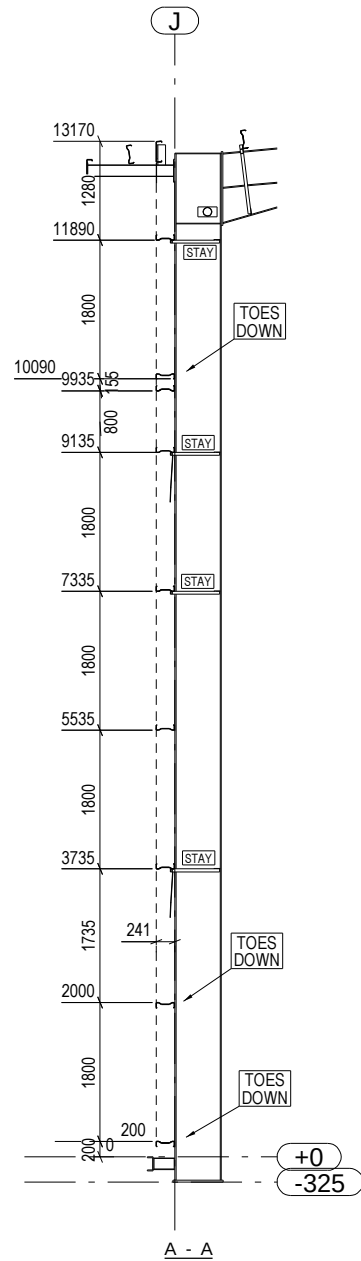
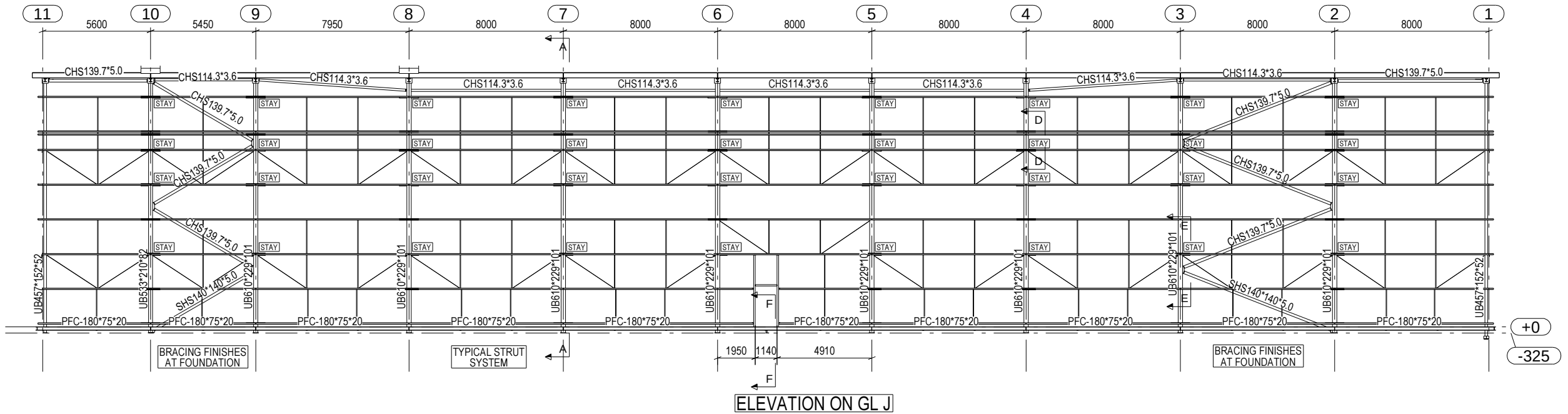
CLEADER ANGLES TO HIPS & VERGE SUPPLIED BY COMPASS ENG LTD AND FIXED BY CLADDING CONTRACTOR

Steel Grades:  
PFC/UC/UB = S355  
FLT/PLT/RSB = S275  
CHS/RHS/SHS = S355 J2H Cold Formed (UNO)  
(Sub Grades to be Determined to BS5950)

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|                                                                                                  |                                |                    |
|--------------------------------------------------------------------------------------------------|--------------------------------|--------------------|
| P01                                                                                              | FIRST ISSUE                    | 26.09.2023         |
| C01                                                                                              | CONSTRUCTION ISSUE             | 13.10.2023         |
| AB1                                                                                              | AS BUILT ISSUE                 | 07.03.2024         |
| REV MARK                                                                                         | REVISION DESCRIPTION           | REV. DATE          |
| Compass Engineering Ltd<br>Whaley Road, Barnsley, S75 1HT<br>Tel: 01226 298388 Fax: 01226 283215 |                                |                    |
| EXECUTION CLASS 2                                                                                |                                |                    |
| DRAWING TITLE                                                                                    | Typical Section                |                    |
| CONTRACT                                                                                         | Wingates, Bolton               |                    |
| STATUS                                                                                           | AS BUILT                       |                    |
| MODELLED BY                                                                                      | RK                             | CHECKED BY: RK     |
| CONTRACT NO                                                                                      | 223042                         | DESIGN CHECK : DD  |
| DRAWING No                                                                                       | P23012-CEL-ZZ-ZZ-DR-Y-0002-C01 | ISSUE : 18.09.2023 |
| SCALE                                                                                            |                                | 1:20 1:75 1:100    |
| REVISION No.                                                                                     |                                | AB1                |





SIDE RAILS :  
KING SPAN M235065150  
SINGLE SPAN SLEEVED JOINTS  
2No TUBULAR TIES GL 1 - 9  
1No TUBULAR TIES GL 9 - 11  
2No SETS OF WIRES PER BAY

NOTES !  
CLADDING NOTE!  
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CLADDING NOTE !  
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IT IS ASSUMED THAT THE LINER SHEETING / SPACER SYSTEM IS FIXED TO ALL PURLINS TO PROVIDE ADEQUATE RESTRAINT TO THE PURLINS.  
DETAIL NOTE !  
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CLEADER ANGLES TO HIPS & VERGE SUPPLIED BY COMPASS ENG LTD AND FIXED BY CLADDING CONTRACTOR

|                                                                                                  |                                |                       |
|--------------------------------------------------------------------------------------------------|--------------------------------|-----------------------|
| P01                                                                                              | FIRST ISSUE                    | 29.09.2023            |
| C01                                                                                              | CONSTRUCTION ISSUE             | 13.10.2023            |
| C02                                                                                              | CONSTRUCTION ISSUE             | 26.10.2023            |
| AB1                                                                                              | AS BUILT ISSUE                 | 07.03.2024            |
| REV MARK                                                                                         | REVISION DESCRIPTION           | REV. DATE             |
| Compass Engineering Ltd<br>Whaley Road, Barnsley, S75 1HT<br>Tel: 01226 298388 Fax: 01226 283215 |                                |                       |
| EXECUTION CLASS 2                                                                                |                                |                       |
| DRAWING TITLE                                                                                    | Elevation on GL J              |                       |
| CONTRACT                                                                                         | Wingates, Bolton               |                       |
| STATUS                                                                                           | AS BUILT                       |                       |
| MODELLED BY                                                                                      | RK                             | CHECKED BY: RK        |
| DESIGN CHECK : DD                                                                                | ISSUE : 18.09.2023             |                       |
| CONTRACT NO                                                                                      | 223042                         | SCALE 1:20 1:50 1:125 |
| DRAWING No                                                                                       | P23012-CEL-ZZ-ZZ-DR-Y-0003-C02 | REVISION No. AB1      |

Steel Grades:  
PFC/UC/UB = S355  
FLT/PLT/RSA = S275  
CHS/RHS/SHS = S355 J2H Cold Formed (UNO)  
(Sub Grades to be Determined to BS5950)

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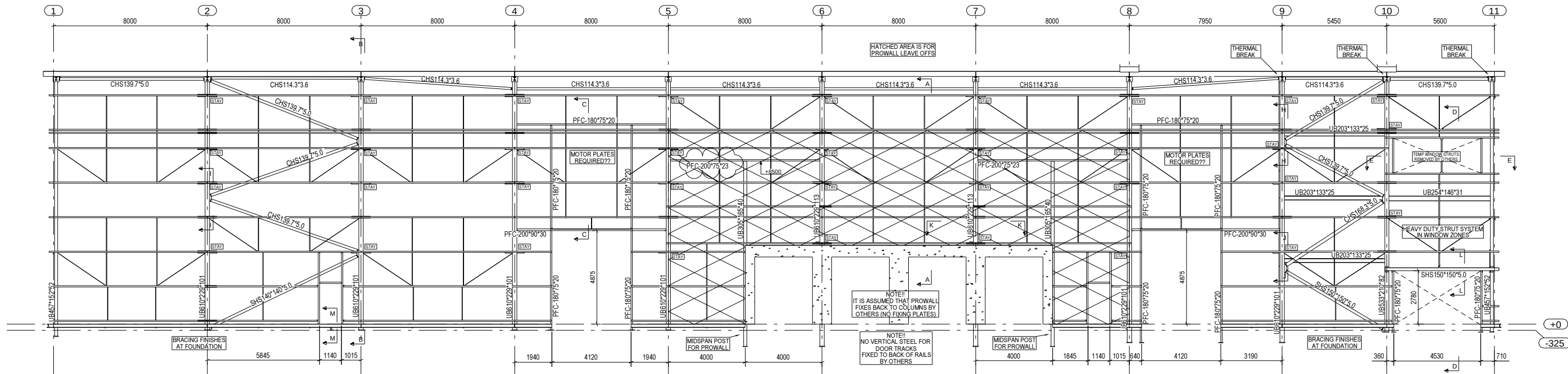
TYPICAL SECTION

ENLARGED DOOR DETAIL

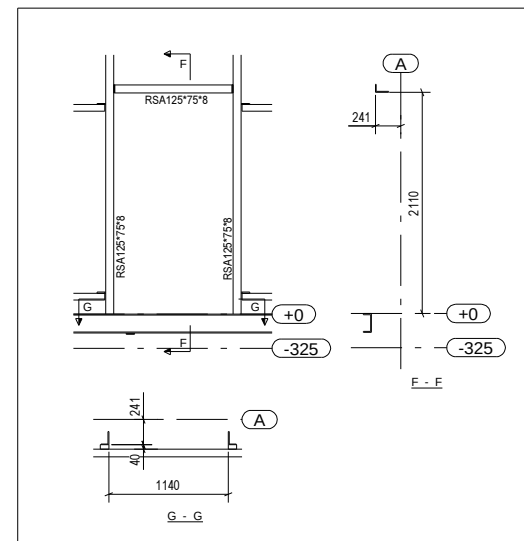
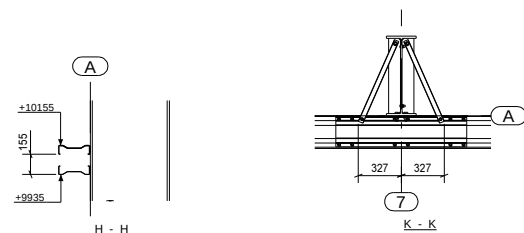
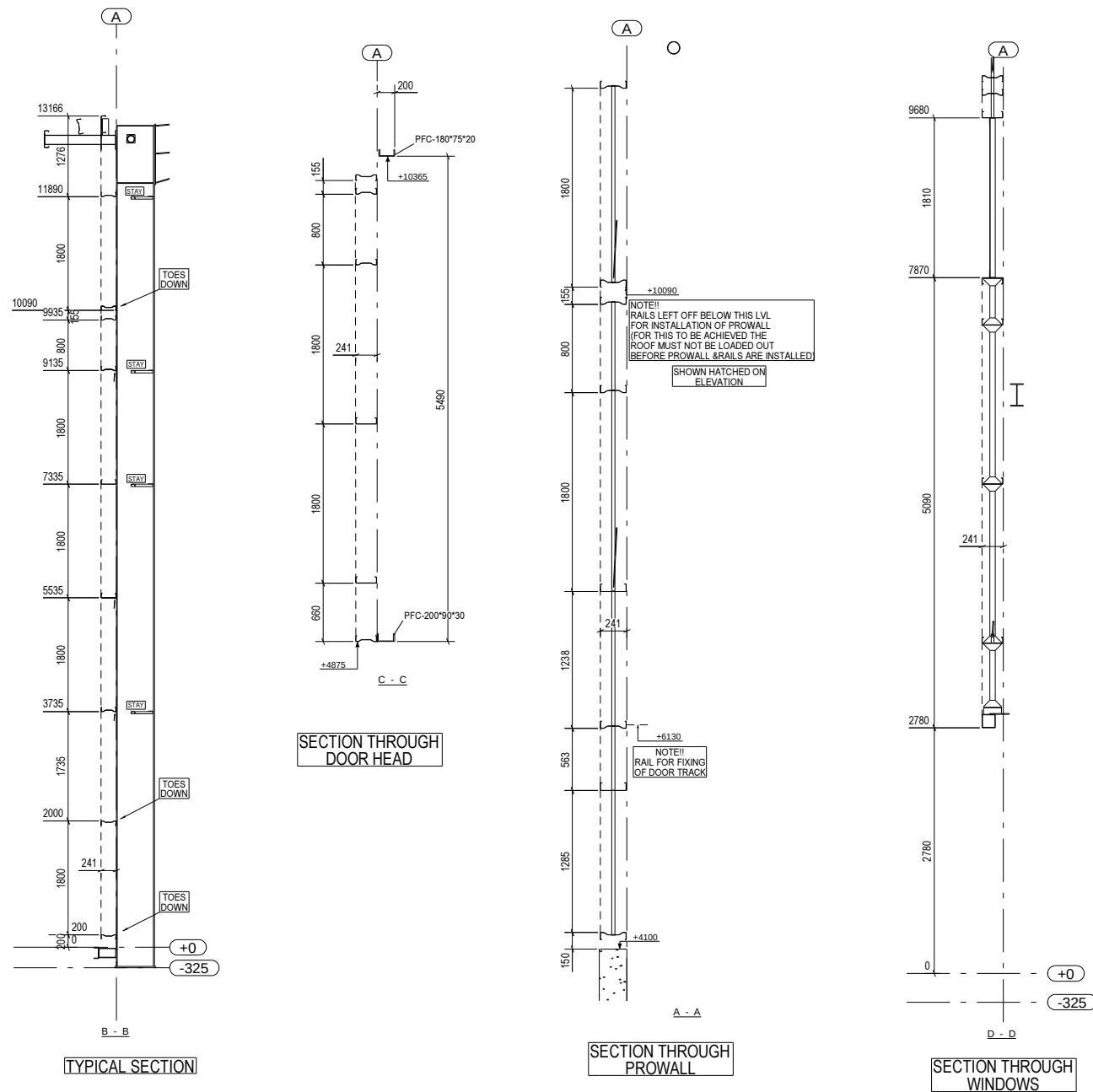
ELEVATION ON GL J

CLADDING CHANGE

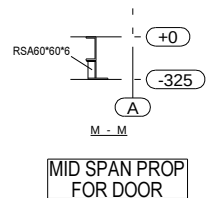
TYPICAL BRACING OFFSET



ELEVATION ON GL A

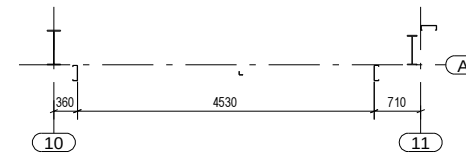


ENLARGED DOOR  
DETAIL

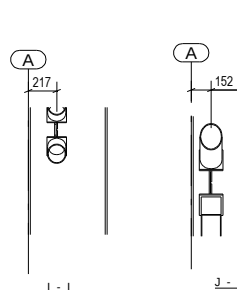


MID SPAN PROP  
FOR DOOR

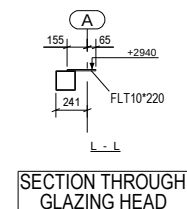
SIDE RAILS:  
KING SPAN M235065150  
KING SPAN M235065250 (WINDOW TRIMMERS)  
SINGLE SPAN SLEEVED JOINTS  
2No TUBULAR TIES GL 1 - 9  
1No TUBULAR TIES GL 9 - 11  
2No SETS OF WIRES PER BAY



PLAN ON WINDOWS



BRACING OFFSETS

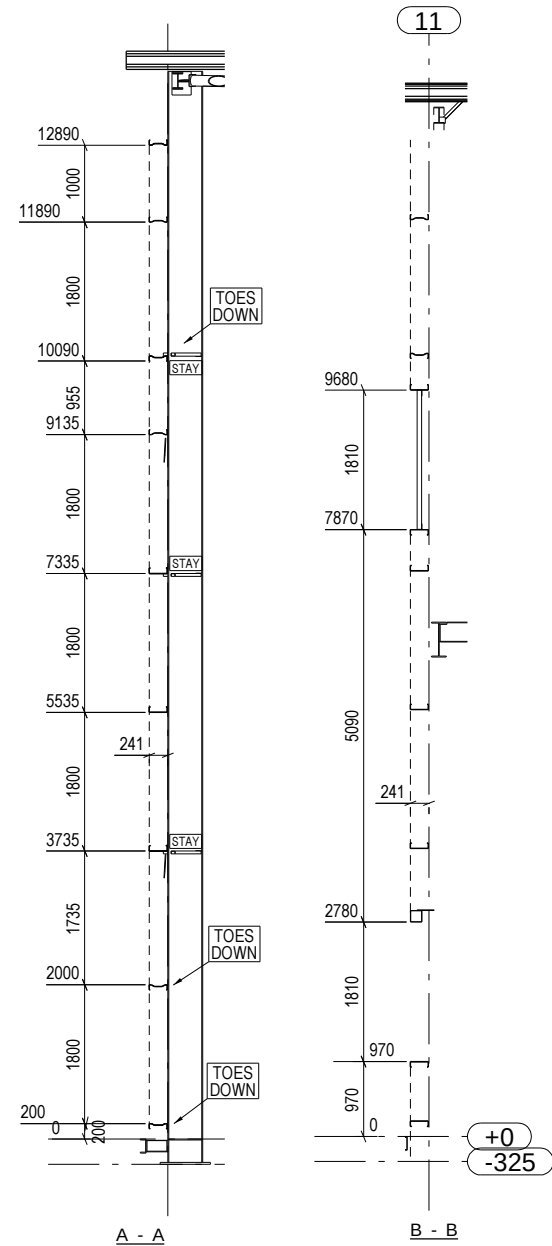


SECTION THROUGH  
GLAZING HEAD

NOTES:  
CLADDING NOTE!  
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SHOULD NOT BE FIXED TO COLD ROLLED EAVESBEAMS, RAILS  
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RESTRAINT TO THE PURLINS.  
DETAIL NOTE!  
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NO LOADING OF ROOF SHEETING ALLOWED UNLESS METHOD  
PROPOSED IS SPECIFICALLY APPROVED BY COMPASS  
ENGINEERING LTD PROJECT DESIGNER  
CLEARER ANGLES TO HIPS & VERGE SUPPLIED BY COMPASS ENG LTD  
AND FIXED BY CLADDING CONTRACTOR

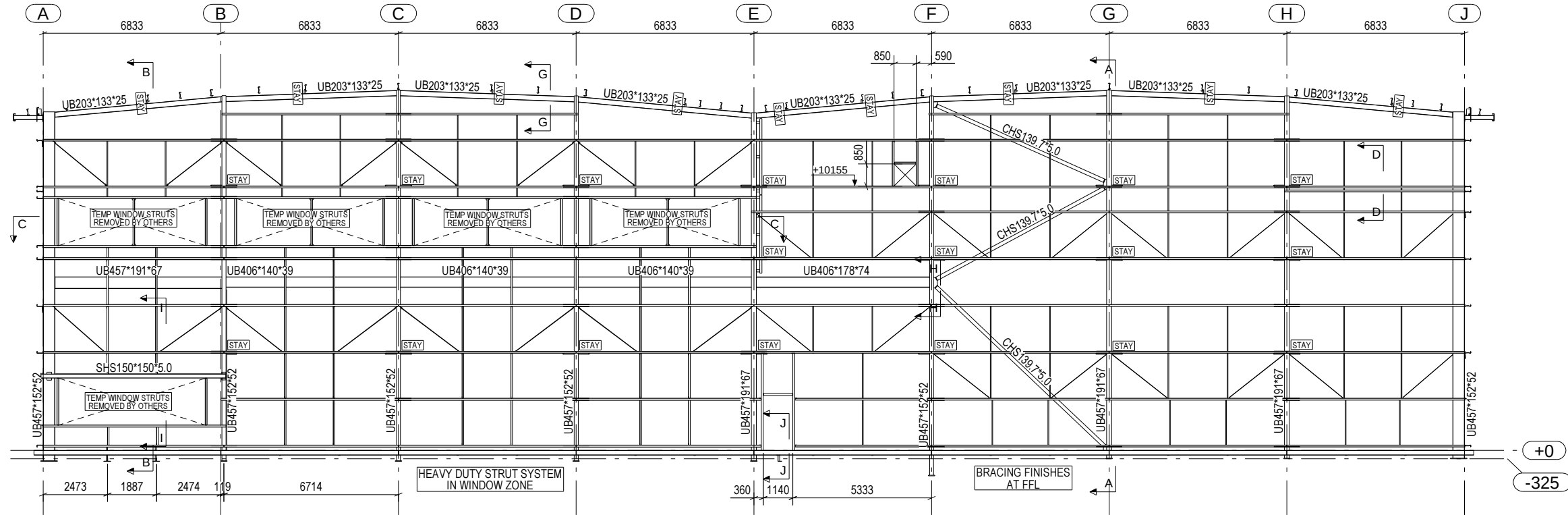
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|--------------------------------------------------------------------------------------------------|--------------------------------|-------------------|
| P01                                                                                              | FIRST ISSUE                    | 29.09.2023        |
| C01                                                                                              | CONSTRUCTION ISSUE             | 13.10.2023        |
| C02                                                                                              | CONSTRUCTION ISSUE             | 26.10.2023        |
| AB1                                                                                              | AS BUILT ISSUE                 | 07.03.2024        |
| REV MARK                                                                                         | REVISION DESCRIPTION           | REV. DATE         |
| Compass Engineering Ltd<br>Whaley Road, Barnsley, S75 1HT<br>Tel: 01226 298388 Fax: 01226 283215 |                                |                   |
| EXECUTION CLASS 2                                                                                |                                |                   |
| DRAWING TITLE                                                                                    | Elevation on GL A              |                   |
| CONTRACT                                                                                         | Wingates, Bolton               |                   |
| STATUS                                                                                           | AS BUILT                       |                   |
| MODELLER BY                                                                                      | RK                             | CHECKED BY: RK    |
| CONTRACT NO                                                                                      | 223042                         | DESIGN CHECK : DD |
| DRAWING No                                                                                       | P23012-CEL-ZZ-ZZ-DR-Y-0004-C02 | SCALE             |
|                                                                                                  |                                | 1:20 1:25 1:35    |
|                                                                                                  |                                | REVISION No.      |
|                                                                                                  |                                | AB1               |

Steel Grades:  
PFC/UC/UB = S355  
FL/PL/TRA = S275  
CHS/RHS/SHS = S355 J2H Cold Formed (LNO)  
(Sub Grades to be Determined to BS5950)  
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TYPICAL SECTION

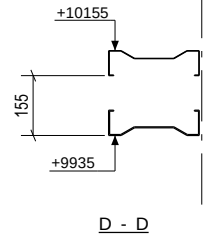
SECTION ON WINDOWS



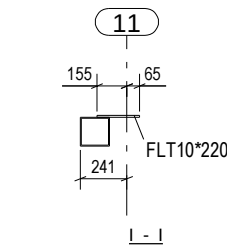
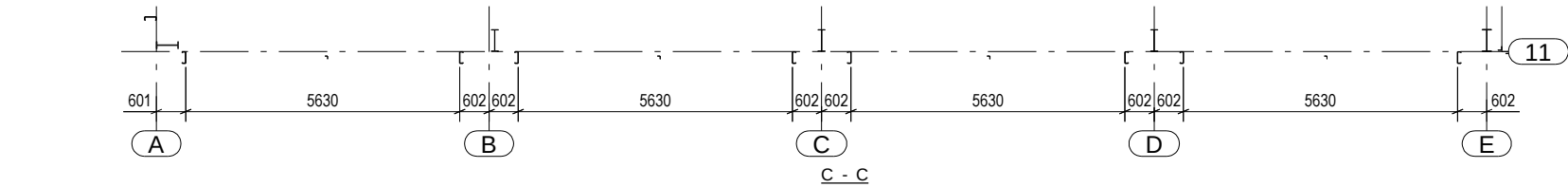
ELEVATION ON GL 11

GABLE RAILS :  
KING SPAN M235065200 (GL A - C)  
KING SPAN M235065150 (GL C - J)  
KING SPAN M235065200 (WINDOW TRIMMERS)

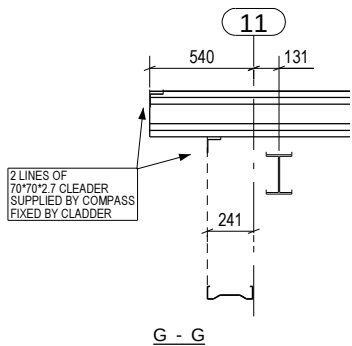
SINGLE SPAN SLEEVED JOINTS  
2No TUBULAR TIES GL A - C  
1No TUBULAR TIES GL C - J  
2No SETS OF WIRES PER BAY



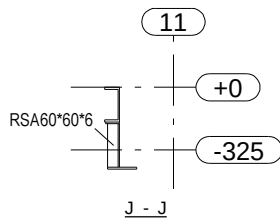
CHANGE IN CLADDING  
GL H - J ONLY



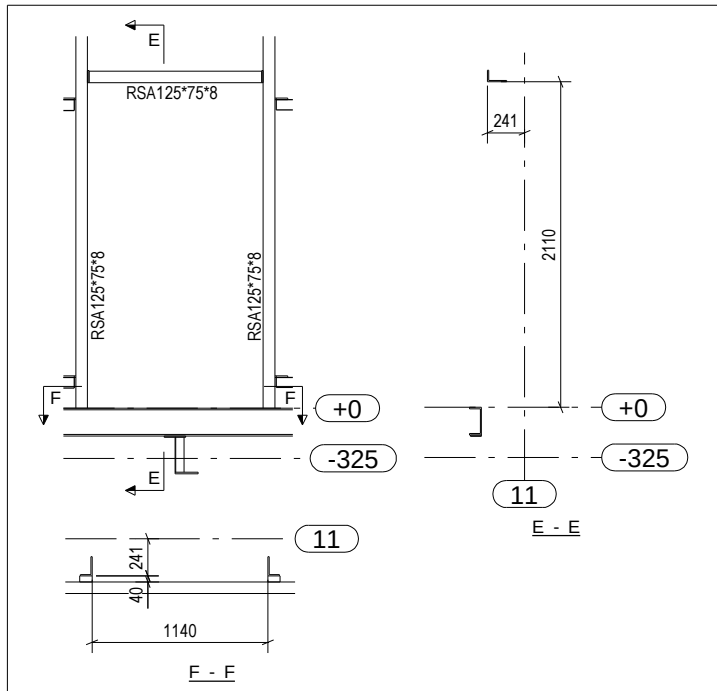
SECTION THROUGH  
WINDOW HEAD



ENLARGED VERGE  
DETAIL



MID SPAN PROP  
FOR DOOR



ENLARGED PERSONNEL DOOR

NOTES !

CLADDING NOTE !

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CLADDING NOTE !

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DETAIL NOTE !

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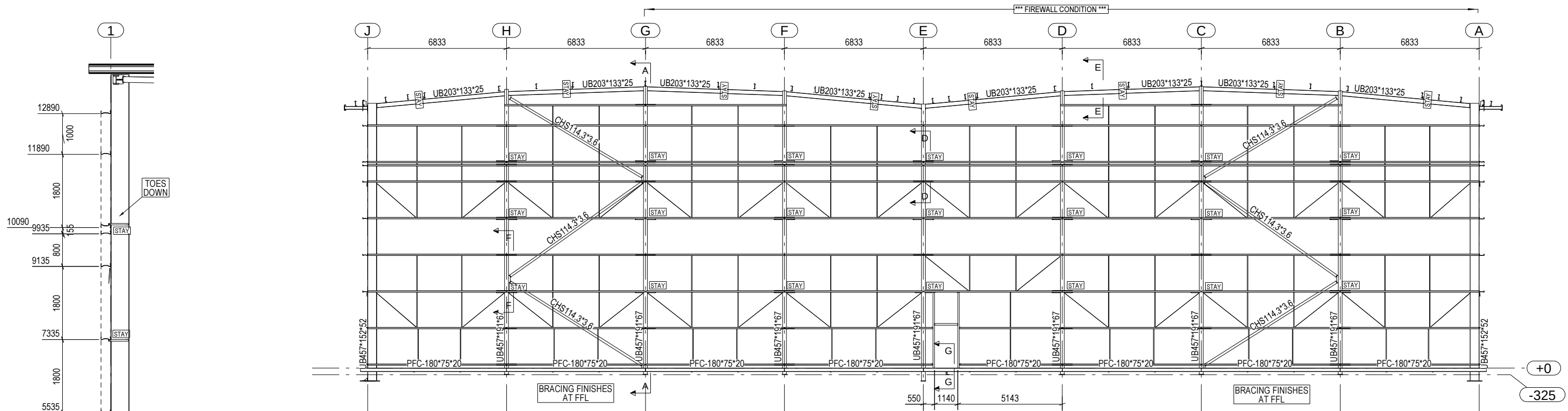
NO LOADING OF ROOF SHEETING ALLOWED UNLESS METHOD PROPOSED IS SPECIFICALLY APPROVED BY COMPASS ENGINEERING LTD PROJECT DESIGNER

CLEADER ANGLES TO HIPs & VERGE SUPPLIED BY COMPASS ENG LTD AND FIXED BY CLADDING CONTRACTOR

Steel Grades:  
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FLT/PLT/RSA = S275  
CHS/RHS/SHS = S355 J2H Cold Formed (UNO)  
(Sub Grades to be Determined to BS5950)

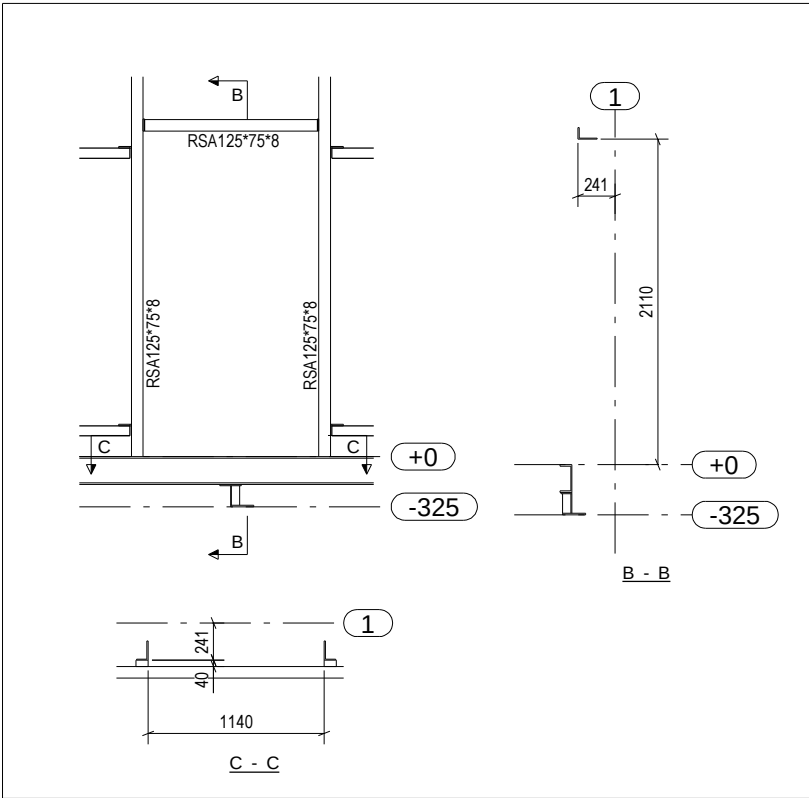
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|--------------------------------------------------------------------------------------------------|--------------------------------|----------------------|
| P01                                                                                              | FIRST ISSUE                    | 29.09.2023           |
| C01                                                                                              | CONSTRUCTION ISSUE             | 13.10.2023           |
| C02                                                                                              | CONSTRUCTION ISSUE             | 26.10.2023           |
| AB1                                                                                              | AS BUILT ISSUE                 | 07.03.2024           |
| REV MARK                                                                                         | REVISION DESCRIPTION           | REV. DATE            |
| Compass Engineering Ltd<br>Whaley Road, Barnsley, S75 1HT<br>Tel: 01226 298388 Fax: 01226 283215 |                                |                      |
| EXECUTION CLASS 2                                                                                |                                |                      |
| DRAWING TITLE                                                                                    | Elevation on GL 11             |                      |
| CONTRACT                                                                                         | Wingates, Bolton               |                      |
| STATUS                                                                                           | AS BUILT                       |                      |
| MODELLED BY                                                                                      | RK                             | CHECKED BY: RK       |
| DESIGN CHECK : DD                                                                                | ISSUE : 18.09.2023             |                      |
| CONTRACT NO                                                                                      | 223042                         | SCALE 1:20 1:25 1:50 |
| DRAWING No                                                                                       | P23012-CEL-ZZ-ZZ-DR-Y-0005-C02 | REVISION No. AB1     |

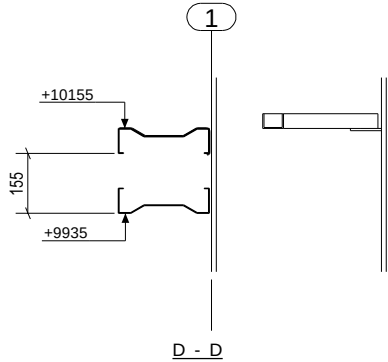


ELEVATION ON GL 1  
(FIREWALL CONDITIONS GL A - G)

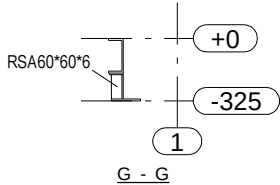
GABLE RAILS :  
KING SPAN M235065200 (GL A - C)  
KING SPAN M235065150 (GL C - J)  
  
SINGLE SPAN SLEEVED JOINTS  
2No TUBULAR TIES GL A - C  
1No TUBULAR TIES GL C - J  
2No SETS OF WIRES PER BAY



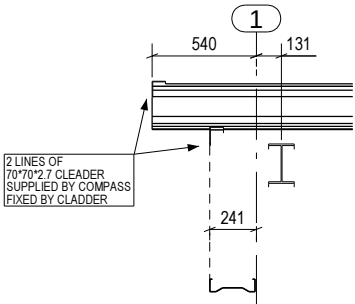
ENLARGED PERSONNEL DOOR



CHANGE IN CLADDING



MID SPAN PROP  
FOR DOOR



TYPICAL BRACING  
OFFSET

ENLARGED VERGE  
DETAIL

NOTES !

CLADDING NOTE!

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RESTRAINT TO THE PURLINS.

DETAIL NOTE !

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MANUFACTURERS HANDBOOK & DESIGN CALCULATIONS.

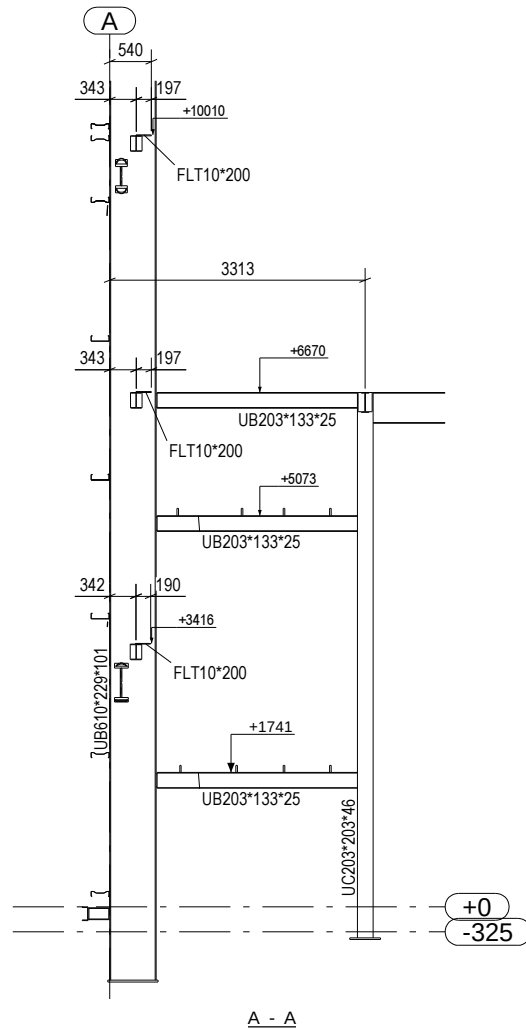
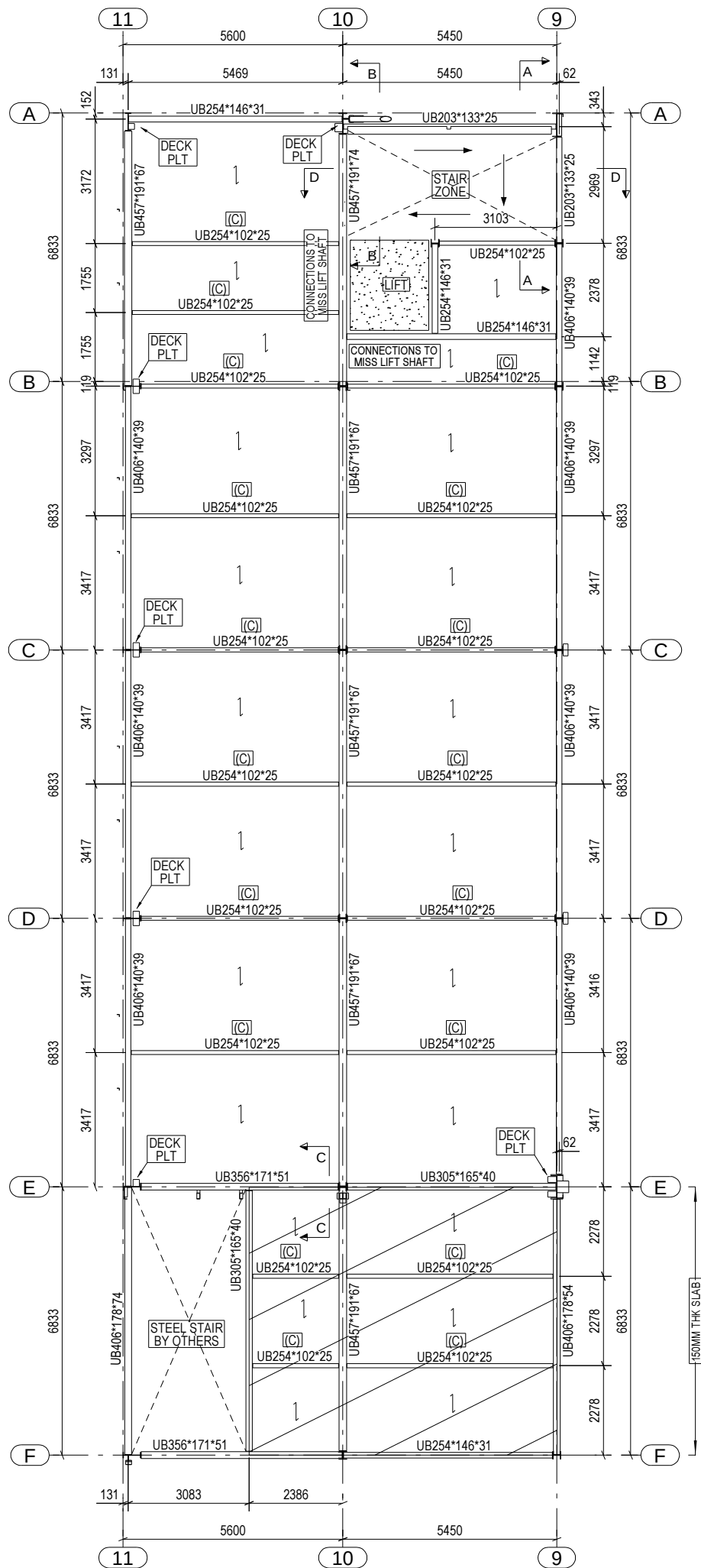
NO LOADING OF ROOF SHEETING ALLOWED UNLESS METHOD  
PROPOSED IS SPECIFICALLY APPROVED BY COMPASS  
ENGINEERING LTD PROJECT DESIGNER

CLEADER ANGLES TO HIPS & VERGE SUPPLIED BY COMPASS ENG LTD  
AND FIXED BY CLADDING CONTRACTOR

Steel Grades:  
PFC/UC/UB = S355  
FLT/PLT/RSA = S275  
CHS/RHS/SHS = S355 J2H Cold Formed (UNO)  
(Sub Grades to be Determined to BS5950)

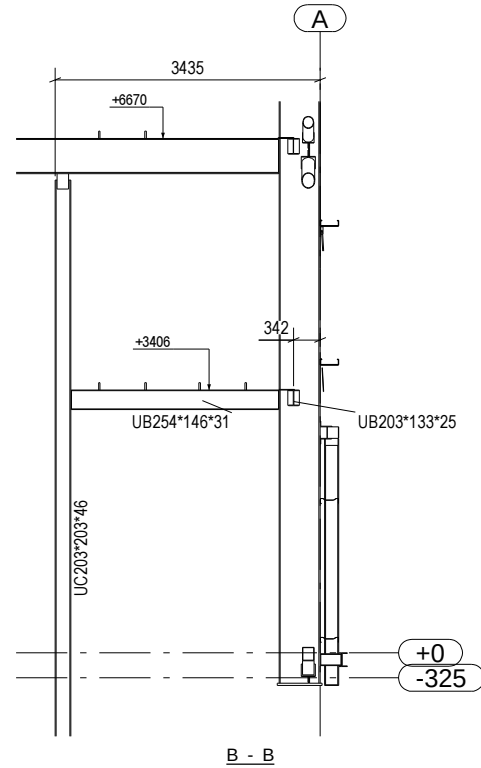
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|--------------------------------------------------------------------------------------------------|--------------------------------|--------------------|
| P01                                                                                              | FIRST ISSUE                    | 29.09.2023         |
| C01                                                                                              | CONSTRUCTION ISSUE             | 13.10.2023         |
| C02                                                                                              | CONSTRUCTION ISSUE             | 26.10.2023         |
| AB1                                                                                              | AS BUILT ISSUE                 | 07.03.2024         |
| REV MARK                                                                                         | REVISION DESCRIPTION           | REV. DATE          |
| Compass Engineering Ltd<br>Whaley Road, Barnsley, S75 1HT<br>Tel: 01226 298388 Fax: 01226 283215 |                                |                    |
| EXECUTION CLASS 2                                                                                |                                |                    |
| DRAWING TITLE                                                                                    | Elevation on GL 1              |                    |
| CONTRACT                                                                                         | Wingates, Bolton               |                    |
| STATUS                                                                                           | AS BUILT                       |                    |
| MODELLED BY                                                                                      | RK                             | CHECKED BY: RK     |
| CONTRACT NO                                                                                      | 223042                         | DESIGN CHECK : DD  |
| DRAWING No                                                                                       | P23012-CEL-ZZ-ZZ-DR-Y-0006-C02 | ISSUE : 18.09.2023 |
| SCALE                                                                                            |                                | 1:10 1:20 1:25     |
| REVISION No.                                                                                     |                                | AB1                |



ELEVATION ON STAIR  
HALF LANDING STEEL

↓ = DECK SPAN



ELEVATION ON STAIR  
HALF LANDING STEEL

DESIGN NOTES :

1st FLOOR LOADS -

130mm THK SLAB = 2.38 KN/m<sup>2</sup>  
 SERVICES/CEILING = 0.9 KN/m<sup>2</sup>  
 INC RAISED FLOOR  
 IMPOSED LOAD = 4.0 KN/m<sup>2</sup>  
 PARTITIONS = 1.0 KN/m<sup>2</sup>

PLANT DECK

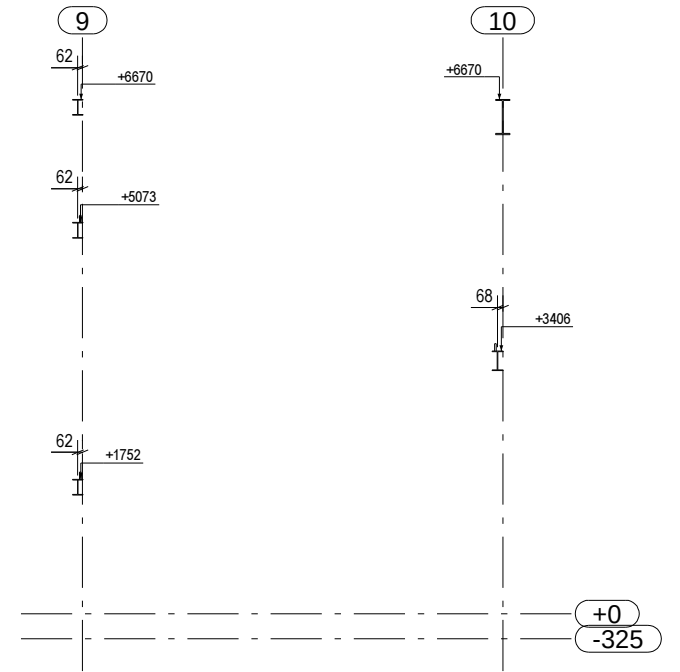
150mm THK SLAB = 2.38 KN/m<sup>2</sup>  
 SERVICES/CEILING = 0.4 KN/m<sup>2</sup>  
 IMPOSED LOAD = 7.5 KN/m<sup>2</sup>  
 (SEE HATCHED ZONE)

DECKING NOTES :

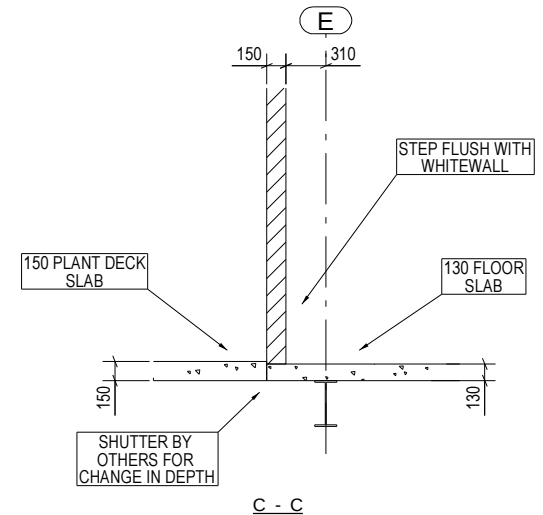
DECKING = MD60 OR SIMILAR APPROVED  
 STUDS = 19mm DIA x 95 LAW  
 CONCRETE = C30

(C) DENOTES COMPOSITE BEAM WITH 1  
 STUD PER TROUGH  
 MESH = MIN A193 (SEE DECKING CALCS)

FIRE RATING 1 HOUR  
 TOP FLANGES UNPAINTED



SECTION THROUGH  
HALF LANDINGS



SECTION THROUGH TO  
PLANT DECK / OFFICE

MEWP:  
 THE FLOORS HAVE BEEN DESIGNED SUCH THAT A SKYJACK SJIII 3220/3226  
 CAN BE USED ON THE SLABS IN THE TEMPORARY CONDITION.  
 PLEASE REFER TO GUIDANCE FOR LIMITS OF USE.

Steel Grades:  
 PFC/UC/UB = S355  
 FLT/PLT/RSA = S275  
 CHS/RHS/SHS = S355 J2H Cold Formed (UNO)  
 (Sub Grades to be Determined to BS5950)

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| P01                                                                                              | FIRST ISSUE                    | 29.09.2023         |
| C01                                                                                              | CONSTRUCTION ISSUE             | 13.10.2023         |
| C02                                                                                              | CONSTRUCTION ISSUE             | 26.10.2023         |
| C03                                                                                              | CONSTRUCTION ISSUE             | 01.11.2023         |
| AB1                                                                                              | AS BUILT ISSUE                 | 07.03.2024         |
| REV MARK                                                                                         | REVISION DESCRIPTION           | REV. DATE          |
| EXECUTION CLASS 2                                                                                |                                |                    |
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| DRAWING TITLE                                                                                    | Floor Plans                    |                    |
| CONTRACT                                                                                         | Wingates, Bolton               |                    |
| STATUS                                                                                           | AS BUILT                       |                    |
| MODELLED BY                                                                                      | RK                             | CHECKED BY: RK     |
| CONTRACT NO                                                                                      | 223042                         | DESIGN CHECK : DD  |
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| REVISION No.                                                                                     |                                | AB1                |

