

Wi SYSTEM DETAILS









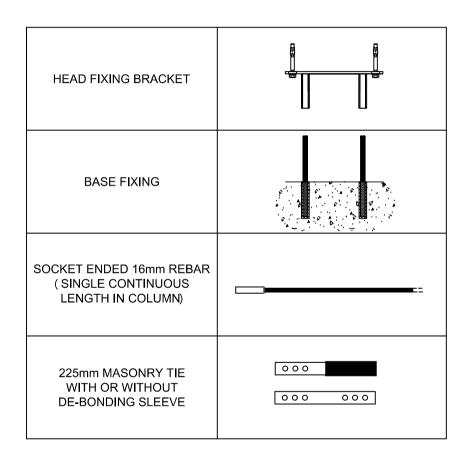
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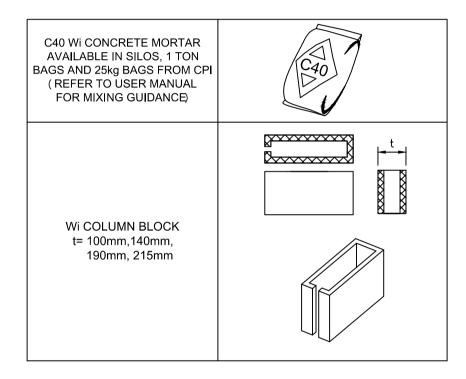
Wi COLUMN COMPONENTS
Wi BEAM COMPONENTS
Wi TROUGH LINTEL COMPONENTS
Wi SYSTEM PRINCIPAL DETAILS 1 - 25

| No. | Revision/Issue | Date |
|-----|-----------------------|----------|
| J | General Revision | 22/02/17 |
| К | Detail 26 added | 26/07/17 |
| L | Details 01/10 revised | 20/06/19 |
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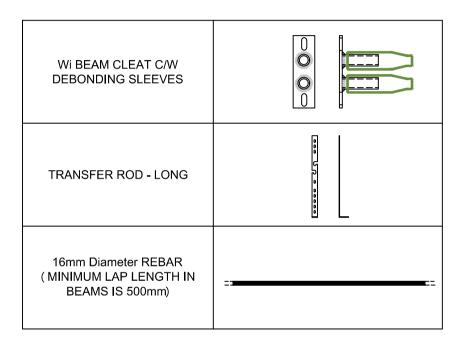
WI COLUMN COMPONENTS

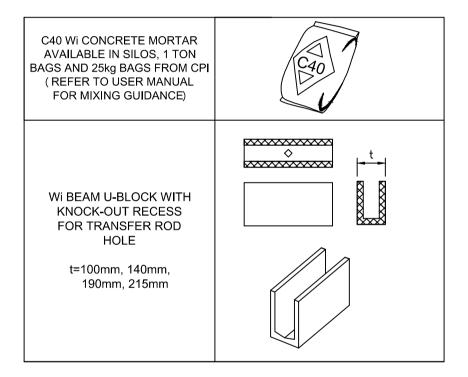






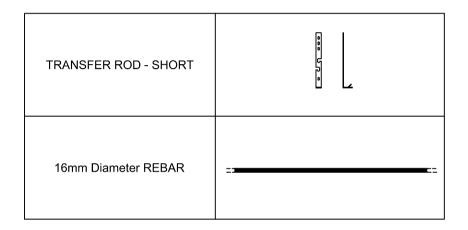
WI BEAM COMPONENTS

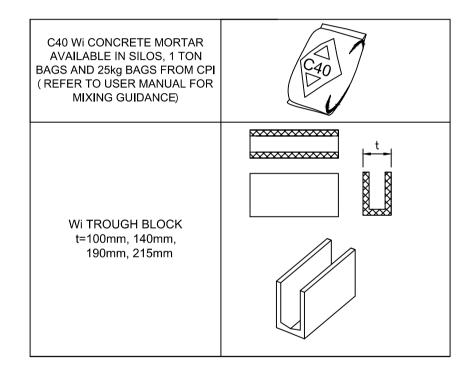




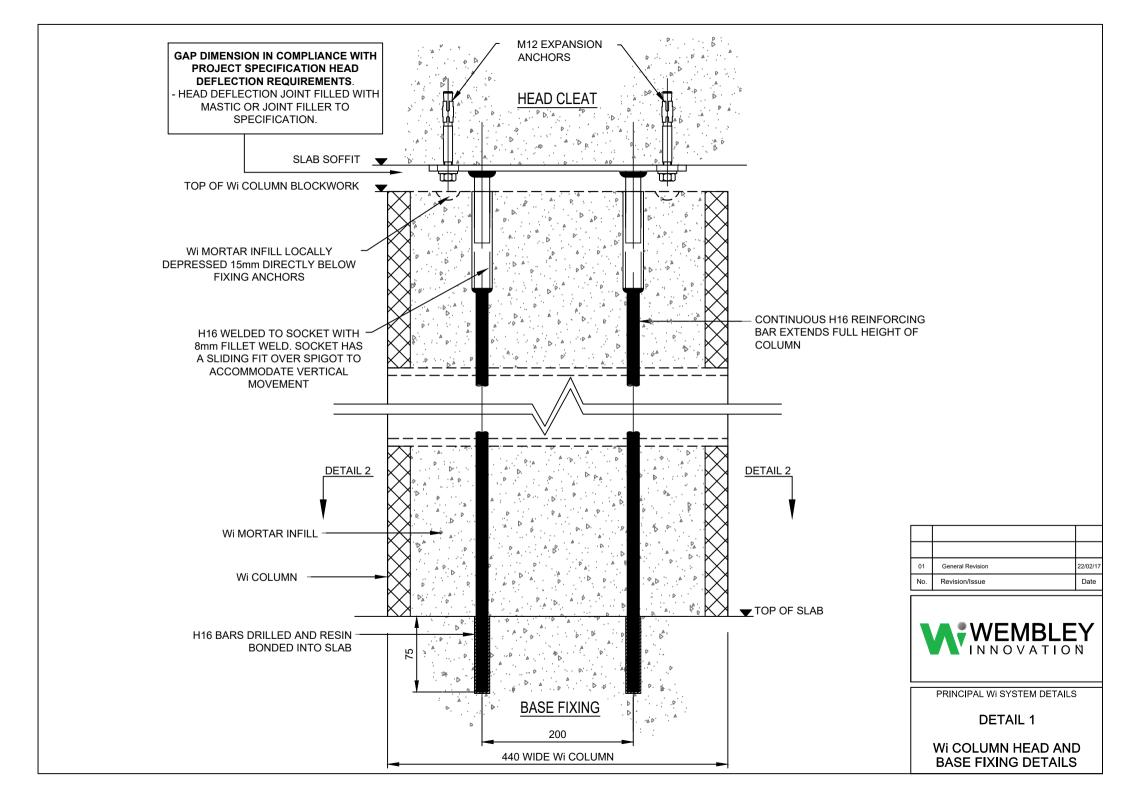


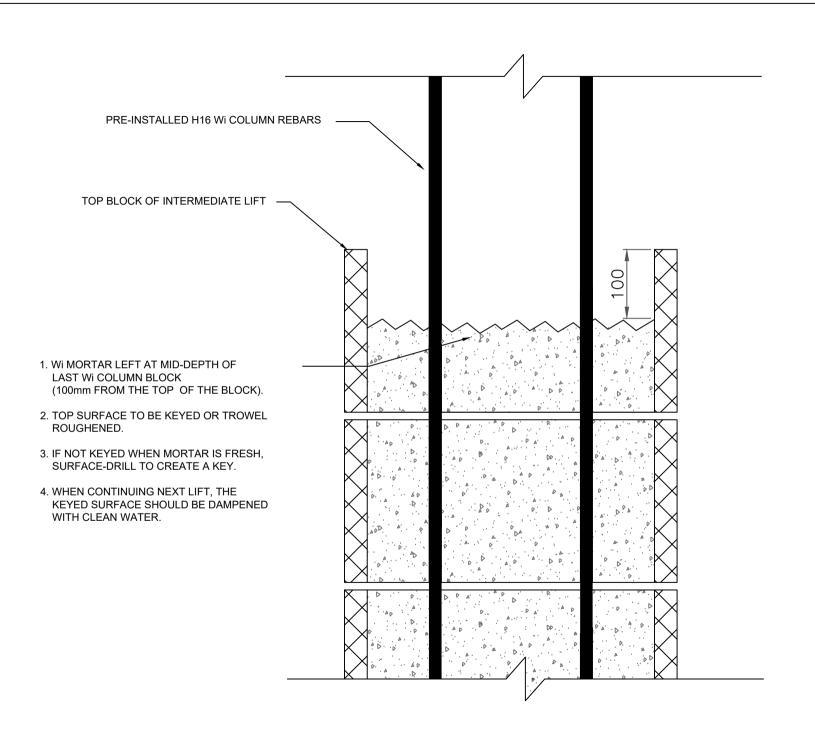
WI TROUGH LINTEL COMPONENTS







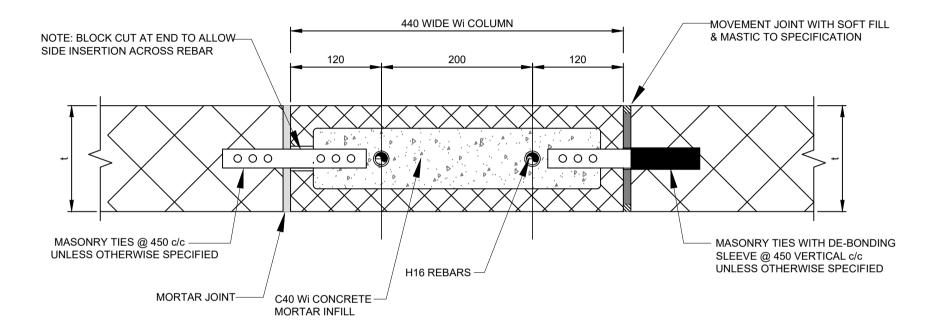




| Ī | 01 | FIRST ISSUE | 21/06/19 |
|---|-----|----------------|----------|
| | No. | Revision/Issue | Date |



DETAIL 1A
WI COLUMN DAY JOINT

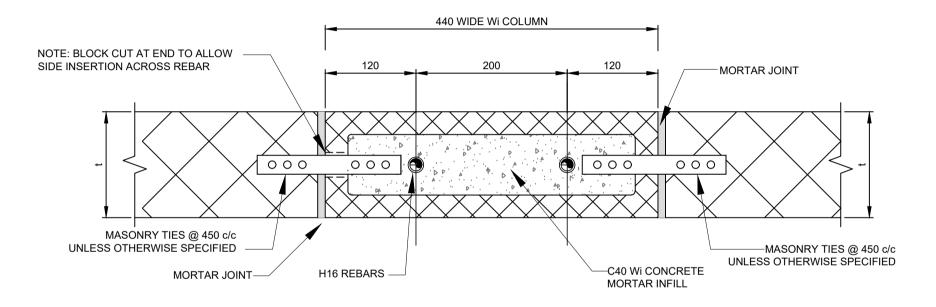


| 01 | General Revision | 22/02/17 |
|-----|------------------|----------|
| No. | Revision/Issue | Date |



PRINCIPAL WI SYSTEM DETAILS

DETAIL 2 WI COLUMN WITH BONDED & SLEEVED TIES

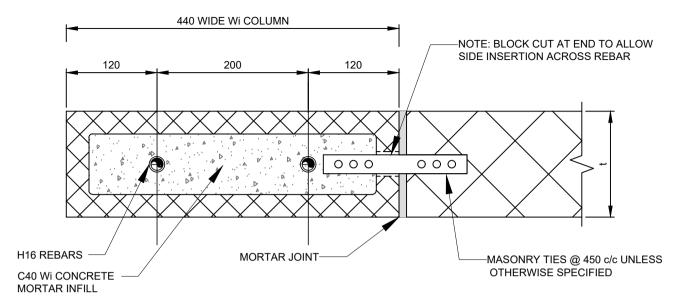


| 02 | Detail renumbered | 21/06/19 |
|-----|-------------------|----------|
| 01 | General Revision | 22/02/17 |
| No. | Revision/Issue | Date |

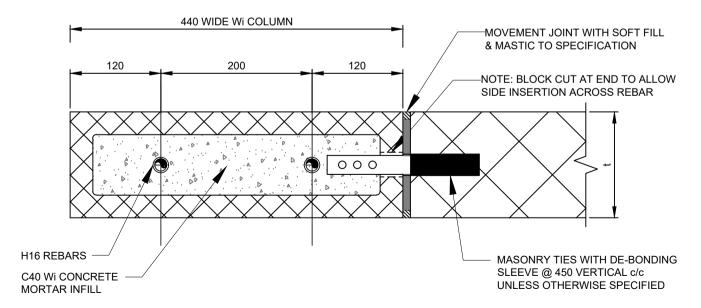


PRINCIPAL WI SYSTEM DETAILS

DETAIL 3 WI COLUMN WITH BONDED TIE JOINTS



DETAIL 4A - WALL JUNCTION WITH BONDED TIE - SECTIONAL PLAN

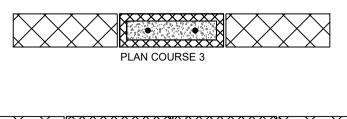


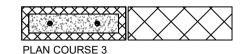
DETAIL 4B - WALL JUNCTION WITH DEBONDED TIE - SECTIONAL PLAN

| 02 | Details number revised | 20/06/19 |
|-----|------------------------|----------|
| 02 | Detail 3A added | 10/11/17 |
| 01 | General Revision | 22/02/17 |
| No. | Revision/Issue | Date |

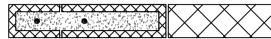


DETAIL 4 WI COLUMN AT END OF WALL



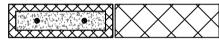




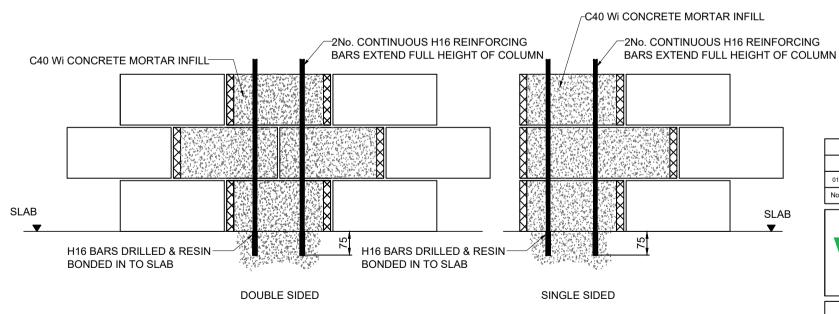








PLAN COURSE 1



 01
 General Revision
 22/02/17

 No.
 Revision/Issue
 Date

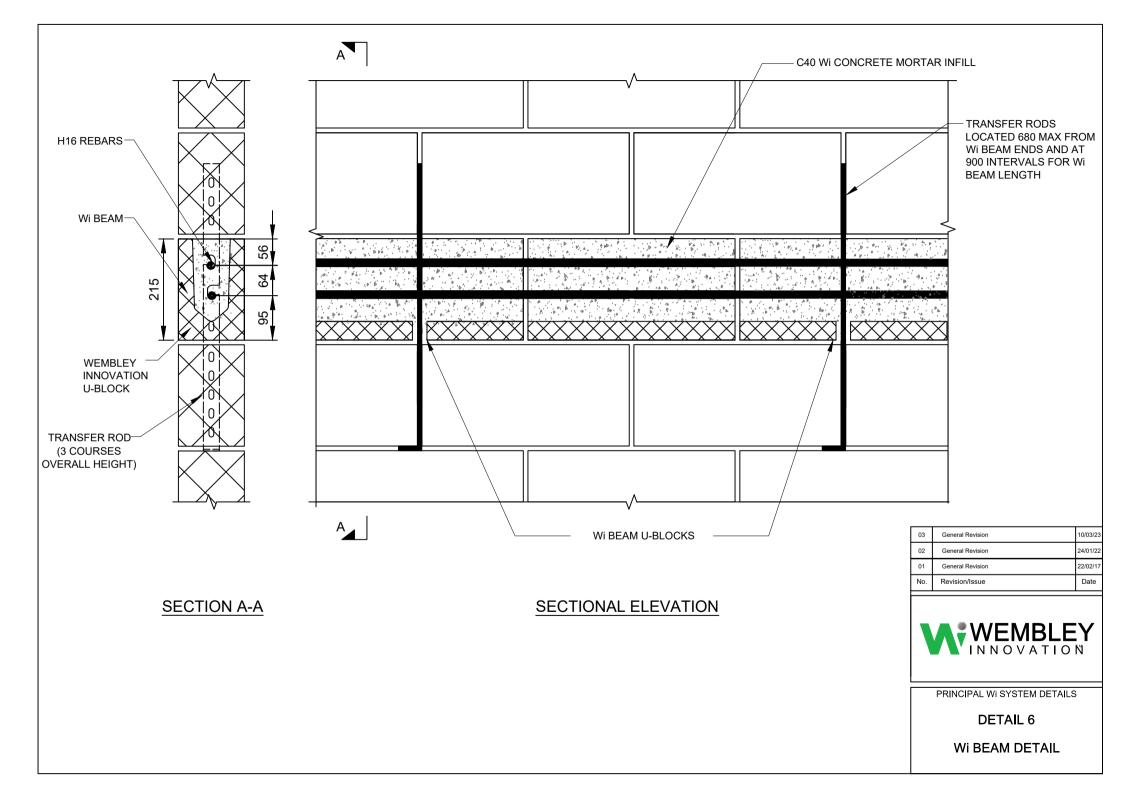


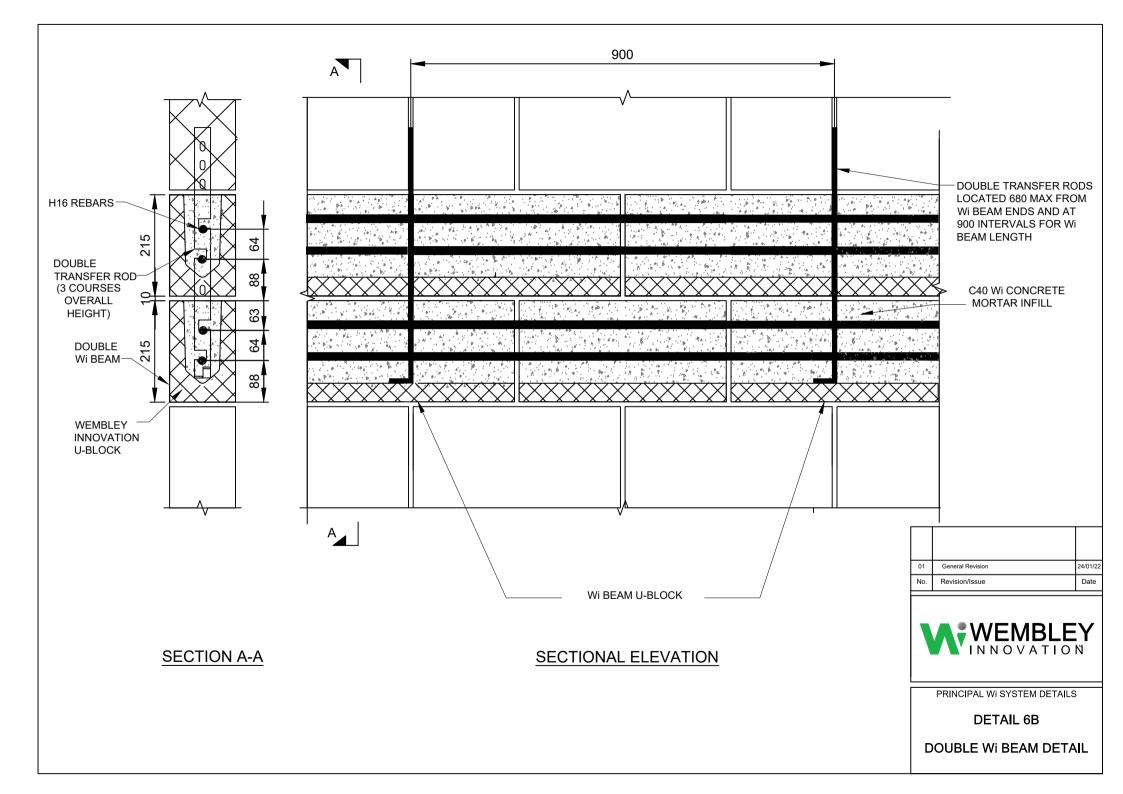
PRINCIPAL WI SYSTEM DETAILS

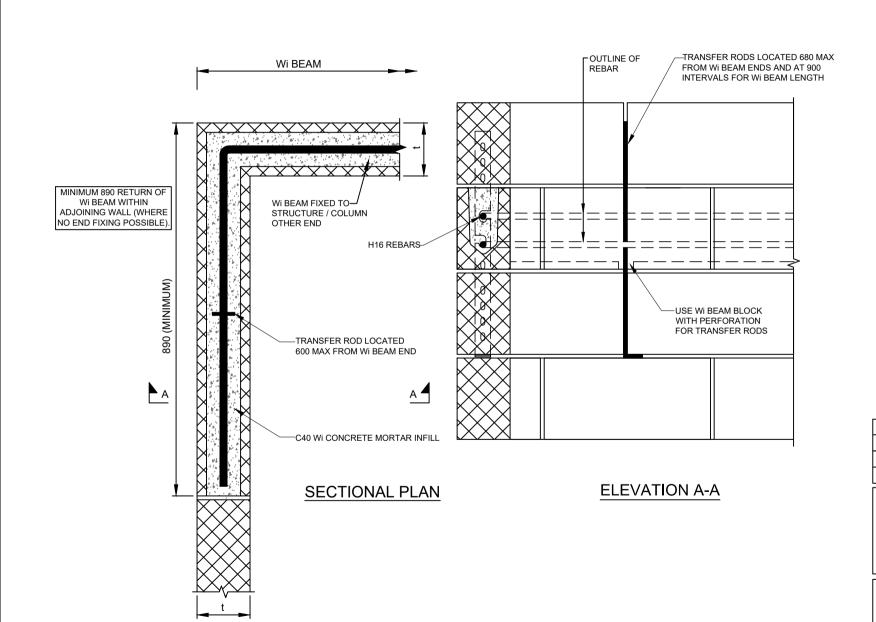
DETAIL 5

BLOCK BONDED WI COLUMNS

SECTIONAL ELEVATIONS





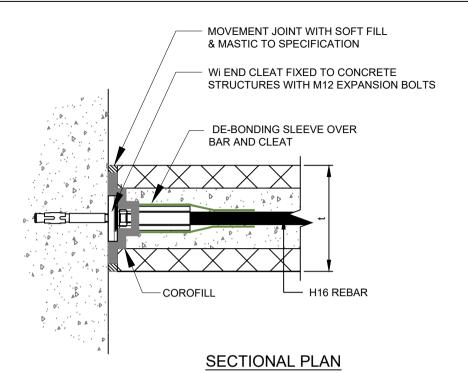


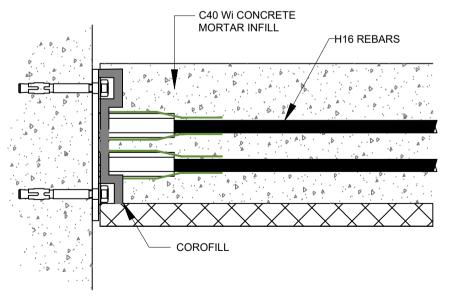
| 01 | General Revision | 22/02/17 |
|-----|------------------|----------|
| No. | Revision/Issue | Date |



DETAIL 7

WI BEAM WITH END RETURN



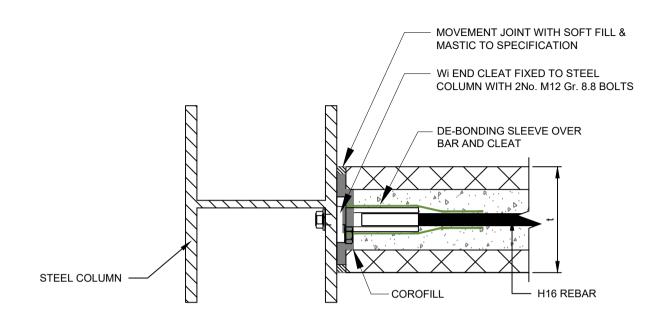


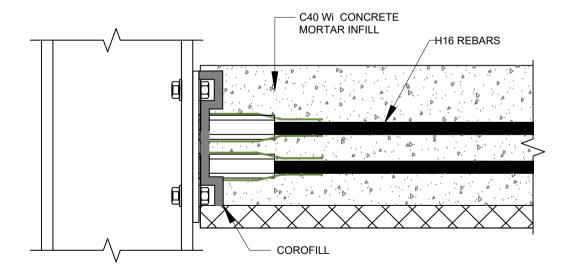
| 01 | General Revision | 22/02/17 |
|-----|------------------|----------|
| No. | Revision/Issue | Date |



DETAIL 8

WI BEAM FIXED TO CONCRETE STRUCTURE





SECTIONAL ELEVATION

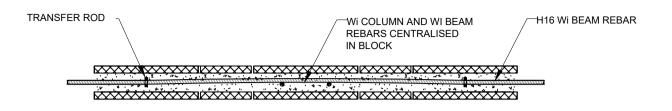
| 01 | General Revision | 22/02/17 |
|-----|------------------|----------|
| No. | Revision/Issue | Date |

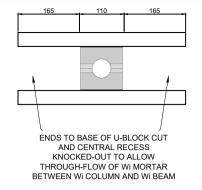


PRINCIPAL WI SYSTEM DETAILS

DETAIL 9

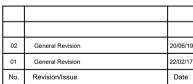
WI BEAM FIXED TO STEEL COLUMN





ADAPTED WI BEAM U-BLOCK PLAN VIEW





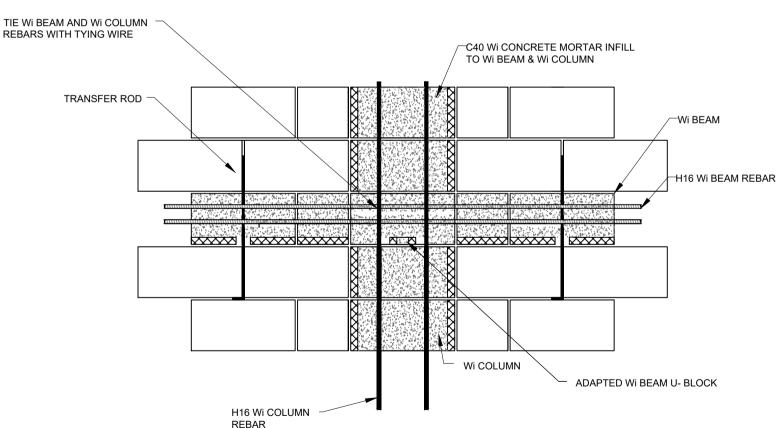
ISOMETRIC VIEW



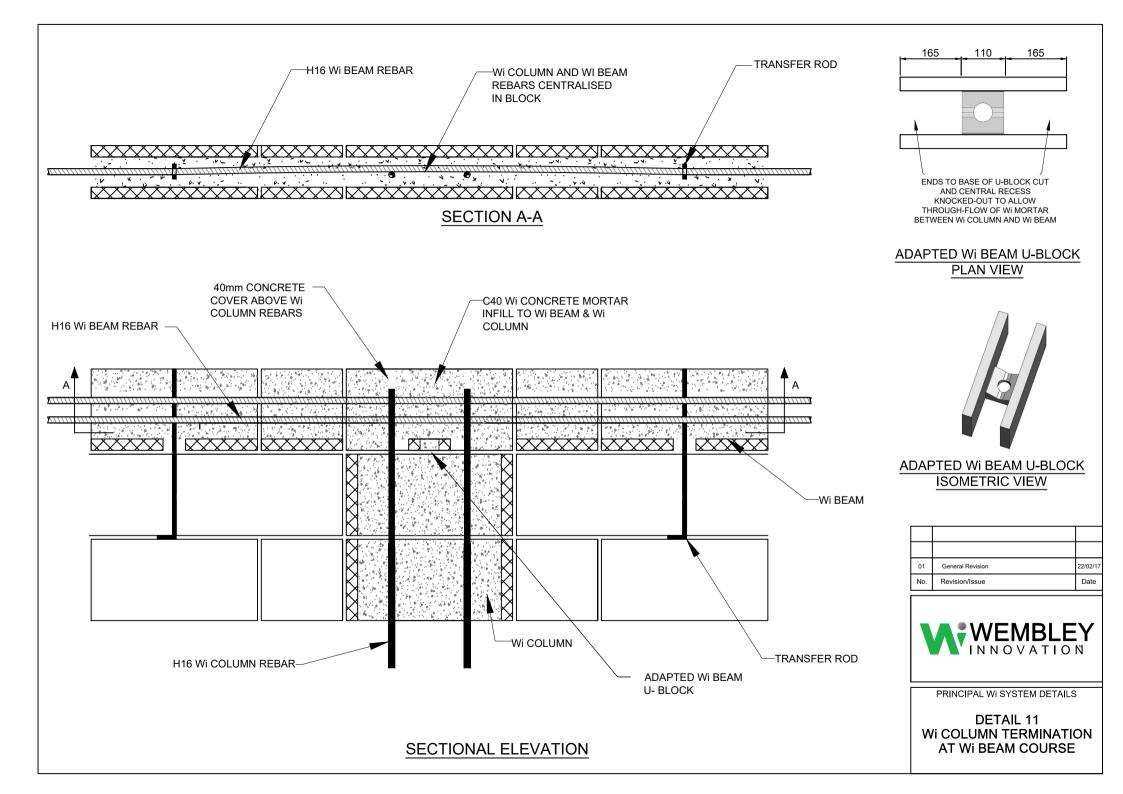
PRINCIPAL WI SYSTEM DETAILS

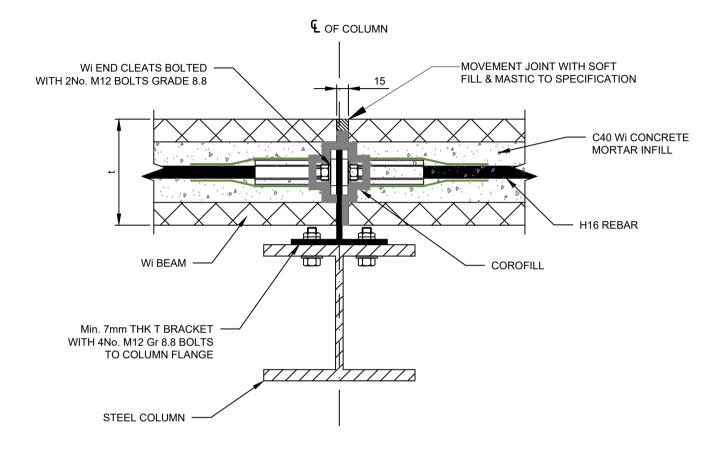
DETAIL 10

Wi COLUMN - Wi BEAM **DOUBLE CONNECTION**



SECTIONAL ELEVATION



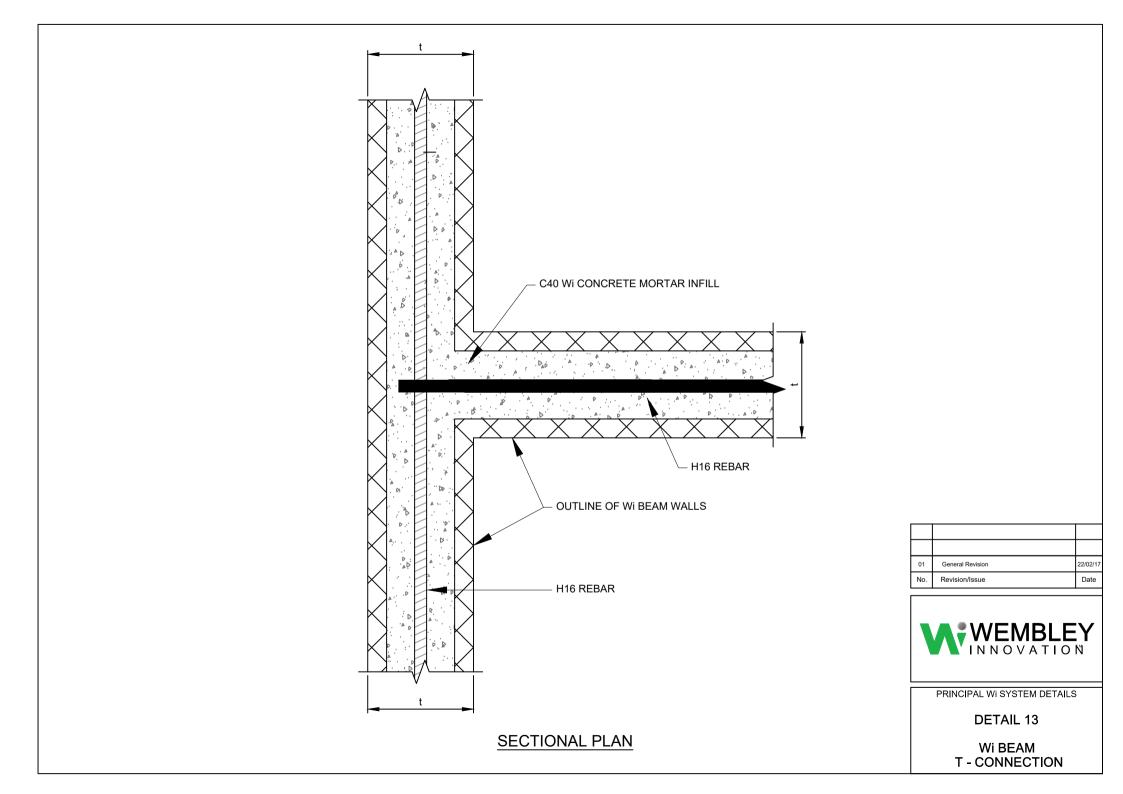


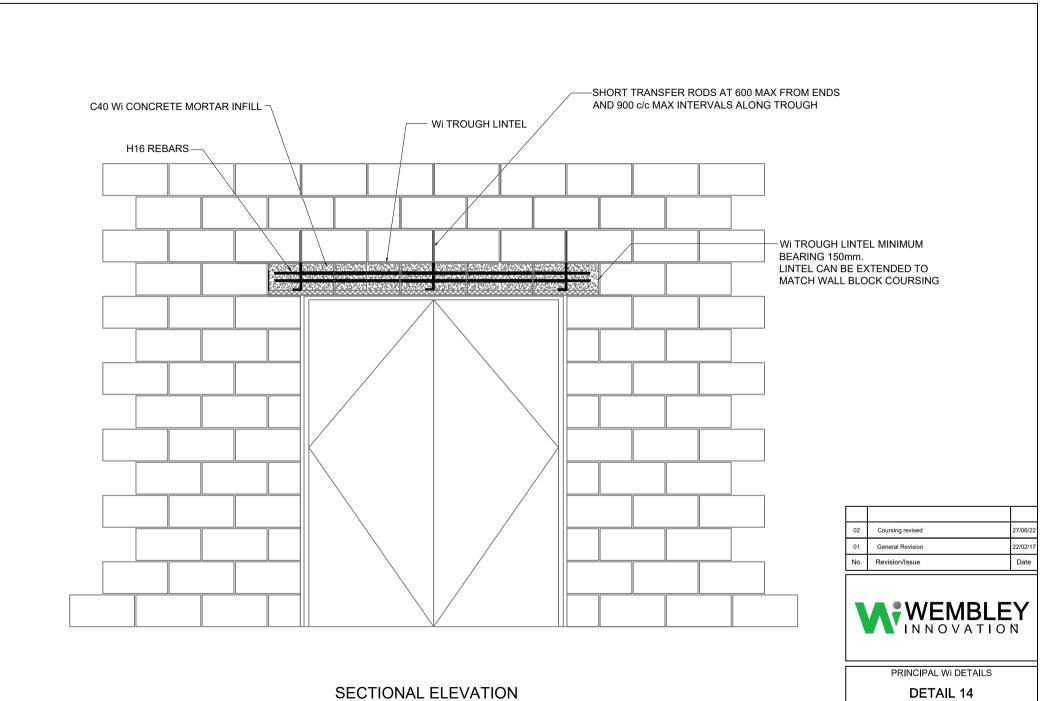
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| No. | Revision/Issue | Date |



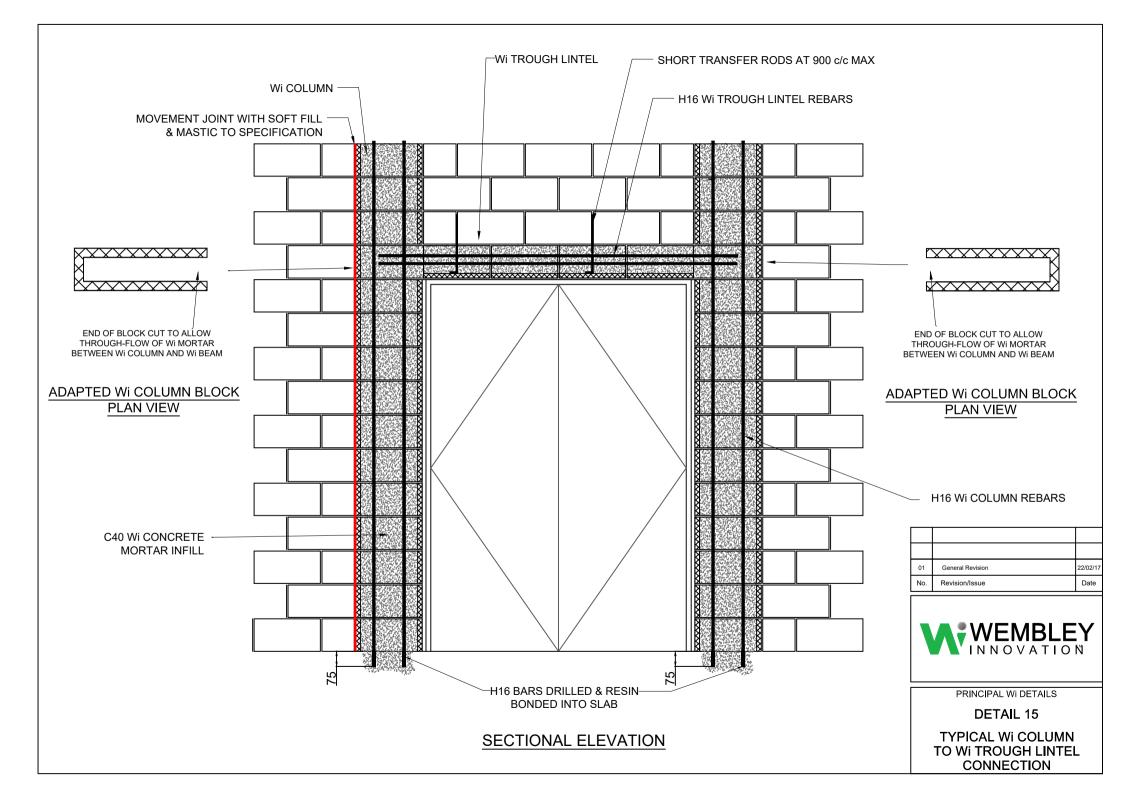
PRINCIPAL WI SYSTEM DETAILS

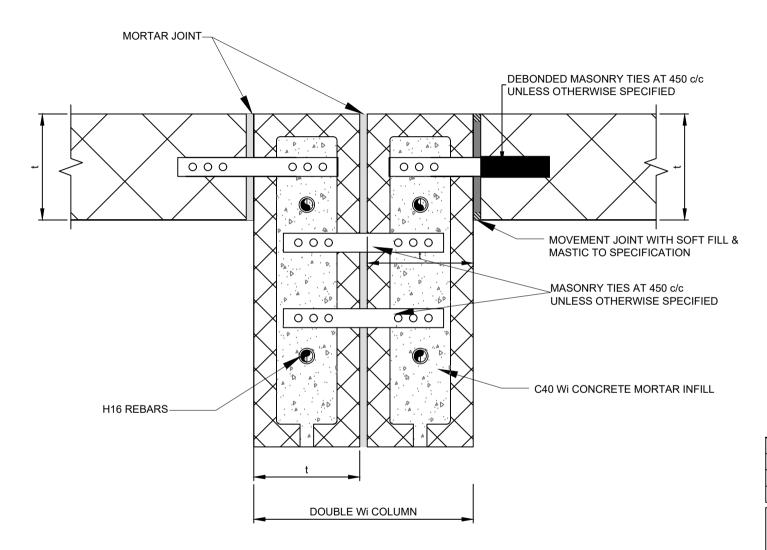
DETAIL 12 CONNECTION OF WI BEAMS TO OFFSET STRUCTURAL STEEL COLUMN





WI TROUGH LINTEL TO DOOR OPENING





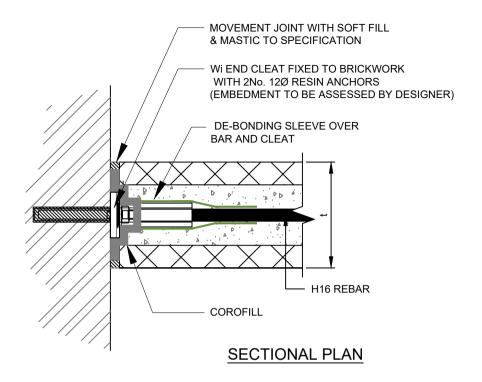
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| No. | Revision/Issue | Date |

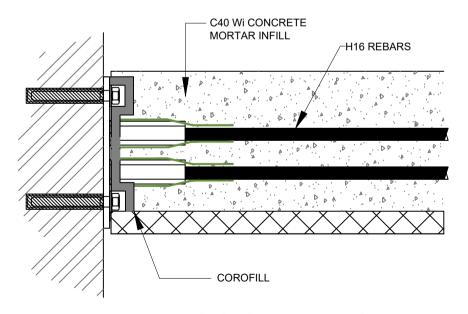


PRINCIPAL WI SYSTEM DETAILS

DETAIL 16

ROTATED DOUBLE Wi COLUMN





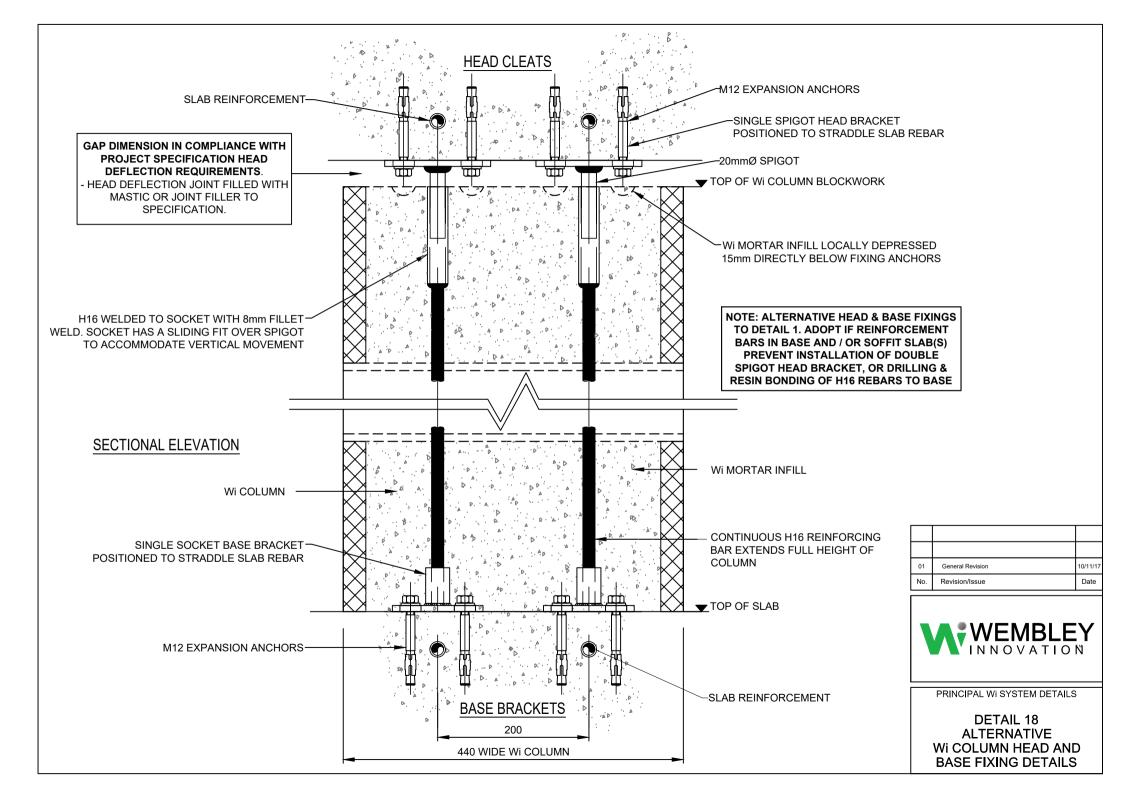
| SECTIONAL | ELEVATION |
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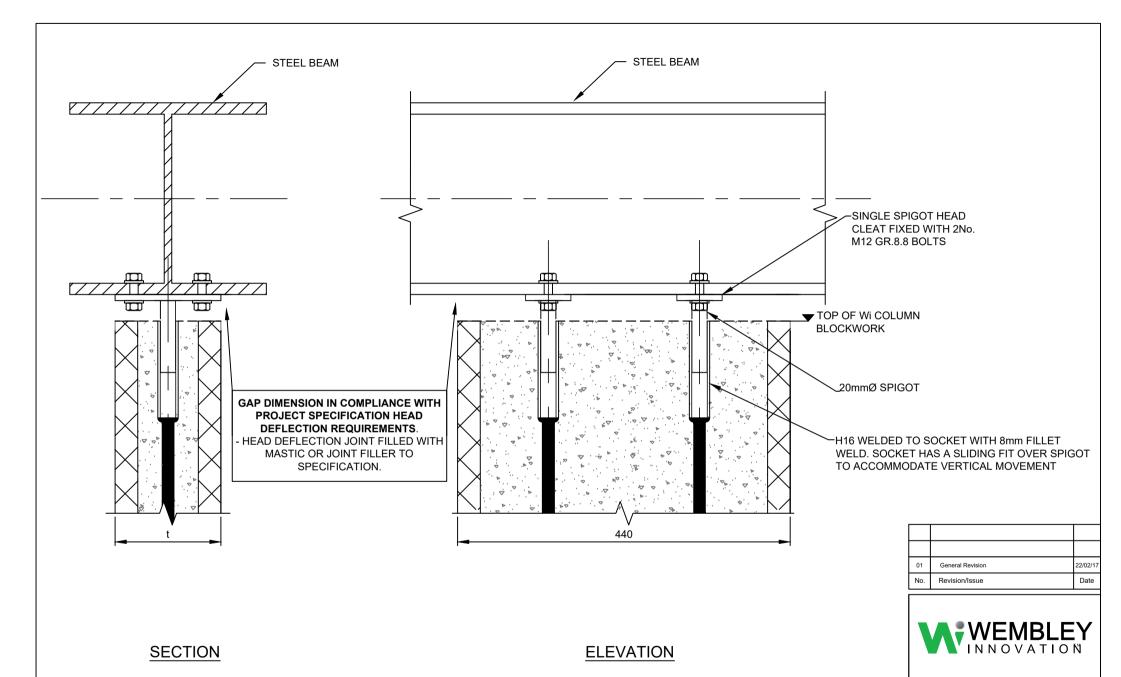
| 01 | General Revision | 22/02/17 |
|-----|------------------|----------|
| No. | Revision/Issue | Date |



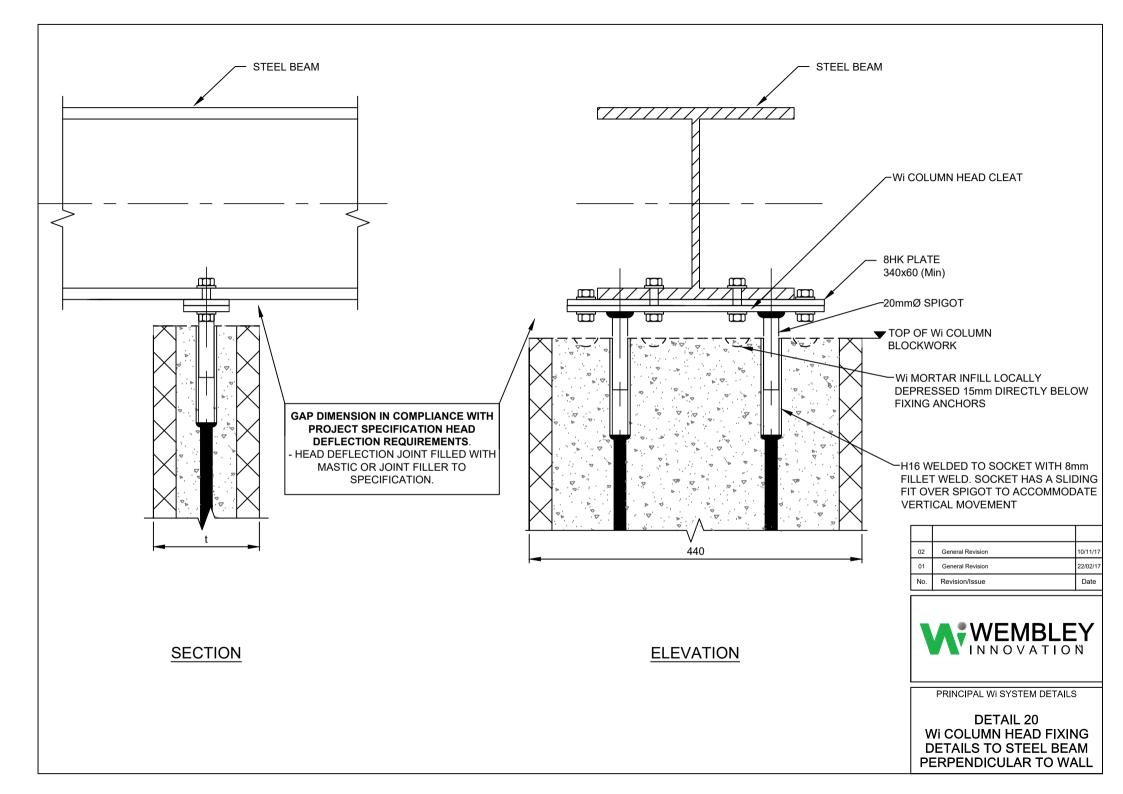
DETAIL 17

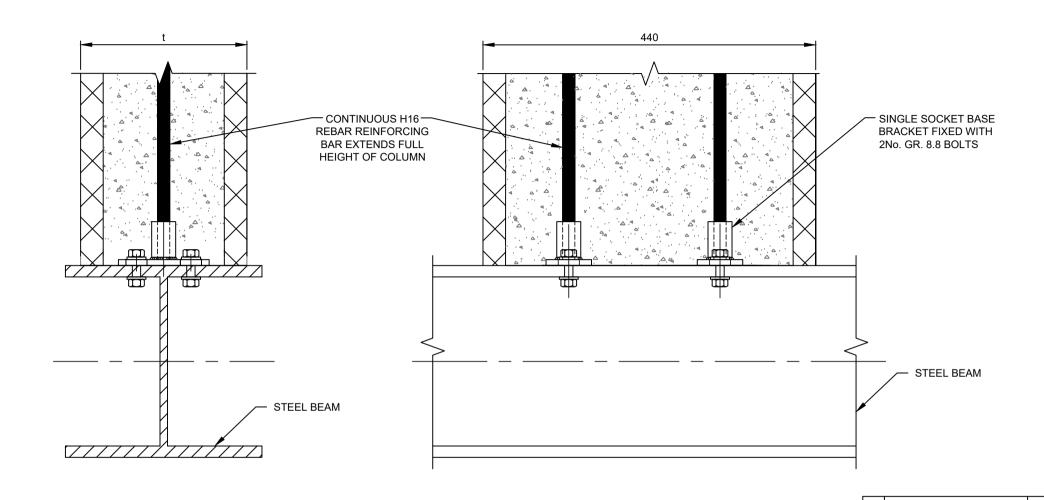
WI BEAM FIXED TO BRICKWORK WALL





DETAIL 19a WI COLUMN HEAD FIXING DETAILS TO STEEL BEAM PARALLEL TO WALL





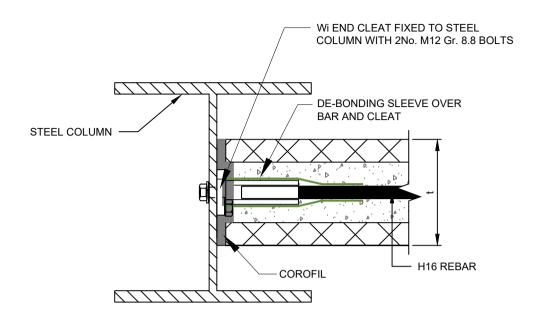
| 01 | General Revision | 22/02/17 |
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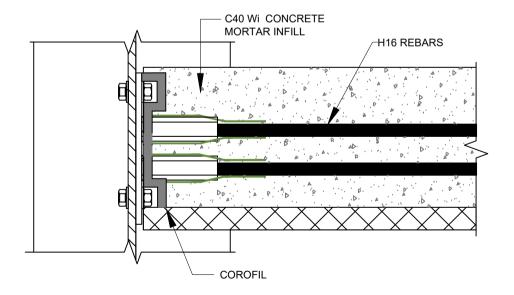


SECTION ELEVATION

PRINCIPAL WI SYSTEM DETAILS

DETAIL 21 WI COLUMN BASE FIXING DETAILS TO STEEL BEAM





SECTIONAL ELEVATION

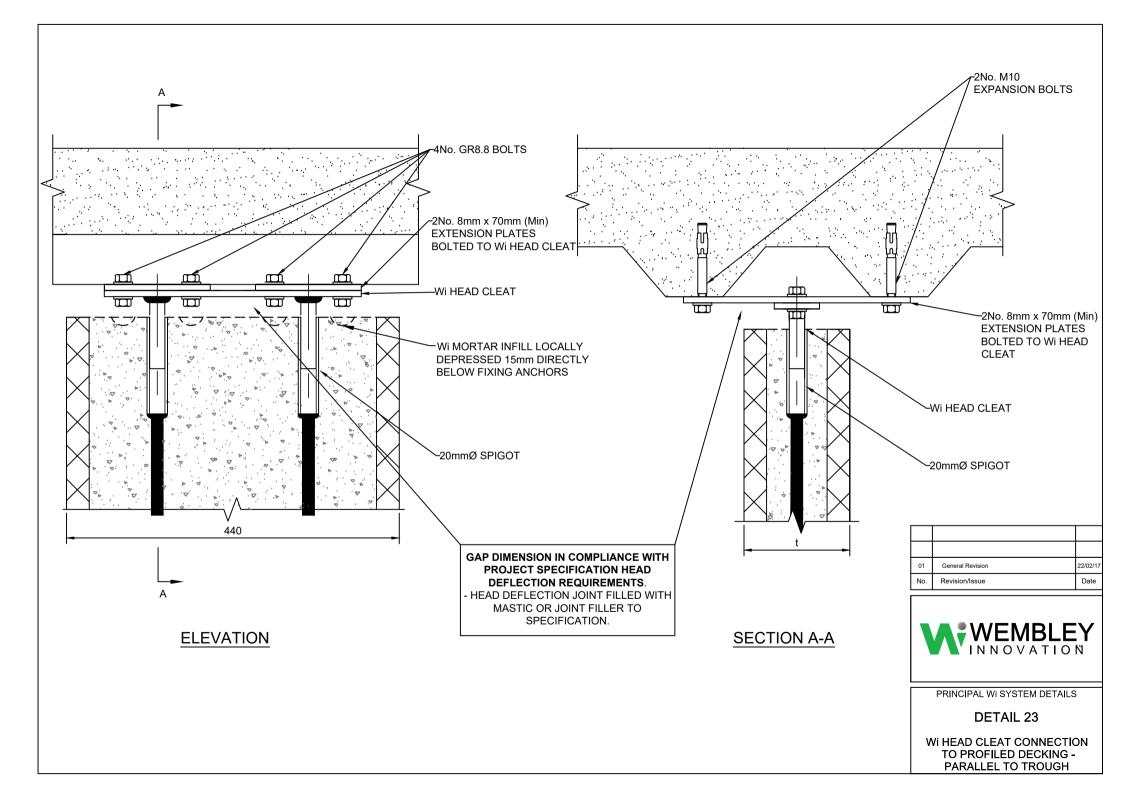
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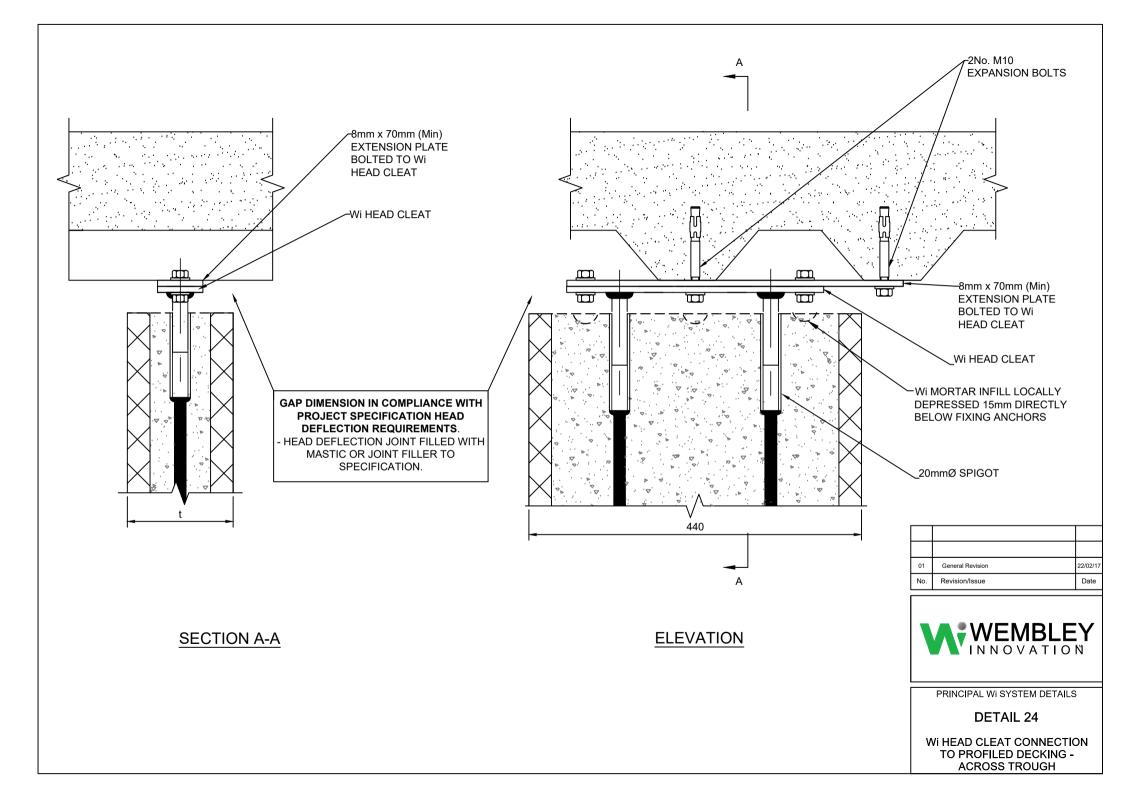


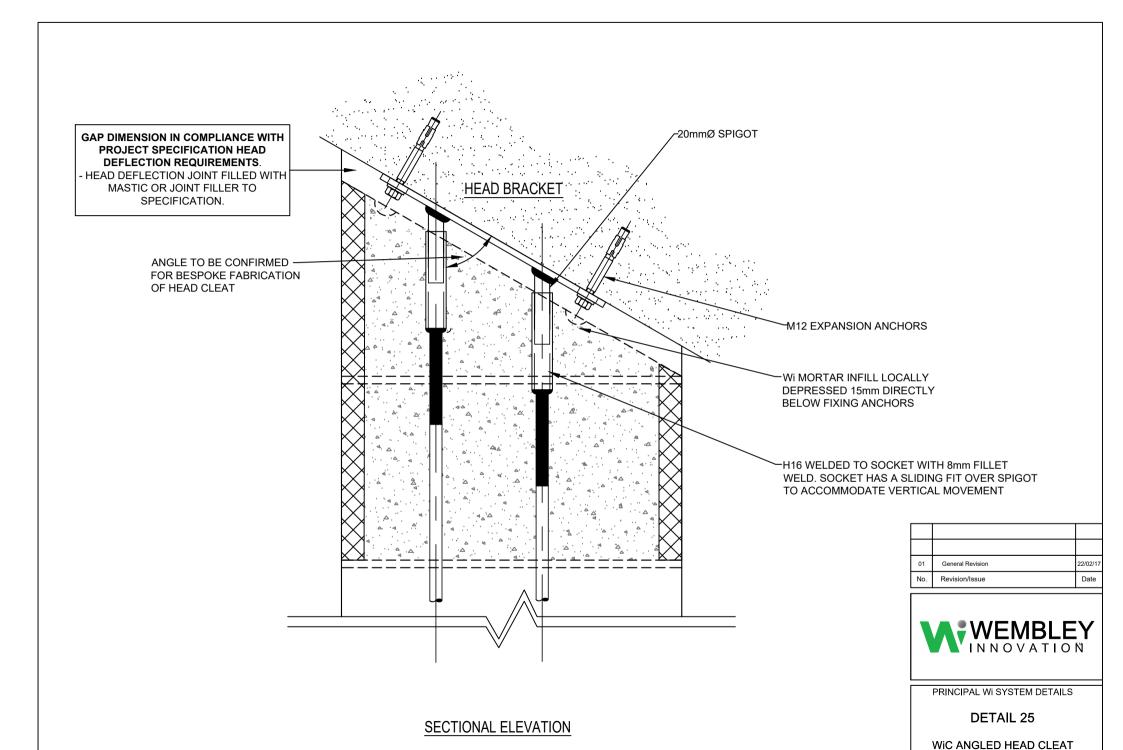
PRINCIPAL WI SYSTEM DETAILS

DETAIL 22

WI BEAM FIXED TO STEEL COLUMN WEB







FIXING DETAILS



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"Wi COLUMN", "SLOT BLOCK", "U-BLOCK", "Wi BEAM" and the "Wi" device mark are registered Community trade marks of Wembley Innovation Limited.

The Wi BEAM / Wi COLUMN building system and its components are the subject of a number of Community design registrations (CDRs),

patent and patent applications, including:

CDRs 000881263-0001 to 0005, 005810579-0001 to 0004, 002391136-0001 to 0002, 000992136-0001, 001126635;
UK & EU patent Nos. 2440531, 2442543, 2054563, 2313575, 2469272, 2509149, 2935715, 2250323, 2444258, 2485397, 1711069.3;
EU Trademarks 006884936, 006885396, 008355141, 008355166, 008807612;
International patent Nos. 2007280305, 2659536, 575214, 12/309795, 2726735, 2009254997, 2313575, 2013366093, 2892704, 708518, 9523194.