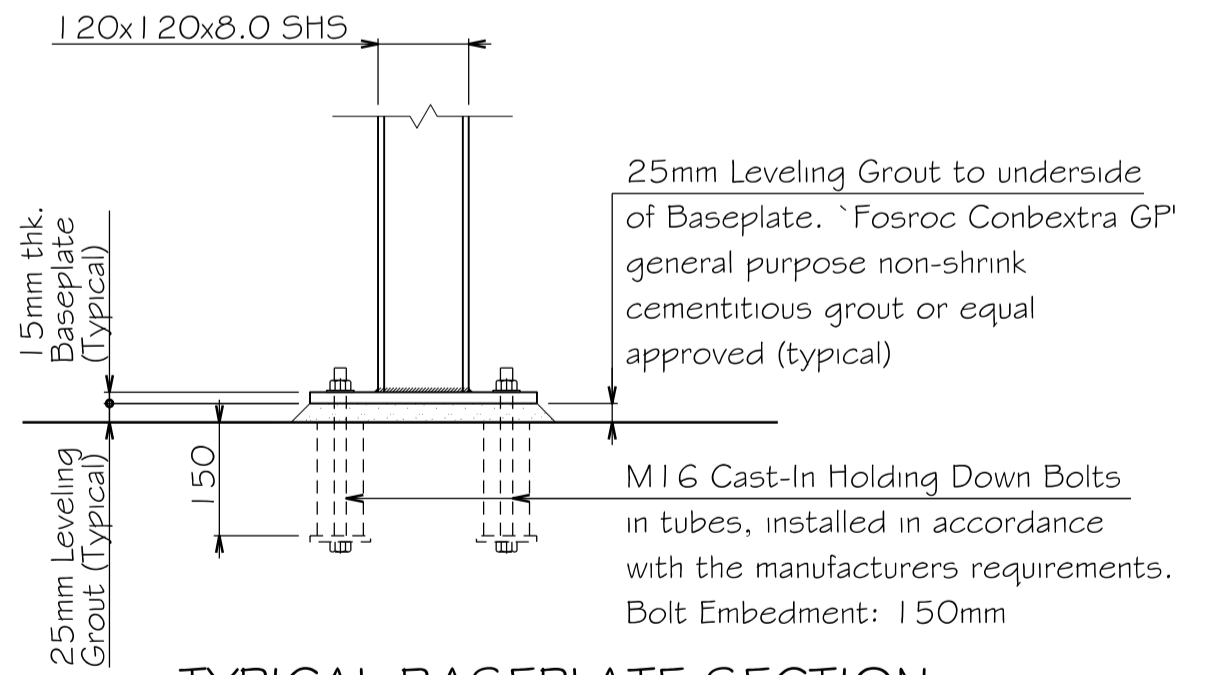
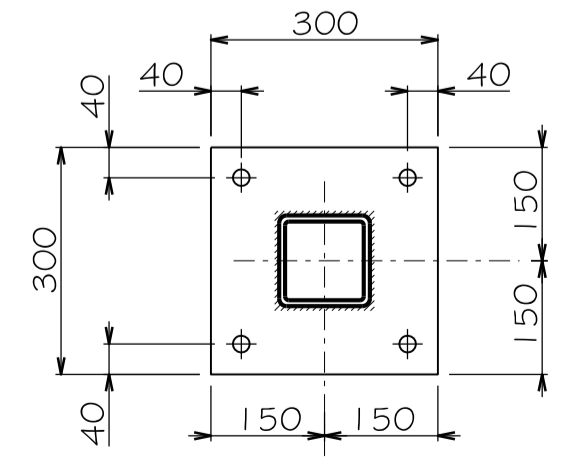


**GROUND FLOOR PLAN**  
Scale 1:50 @ A1

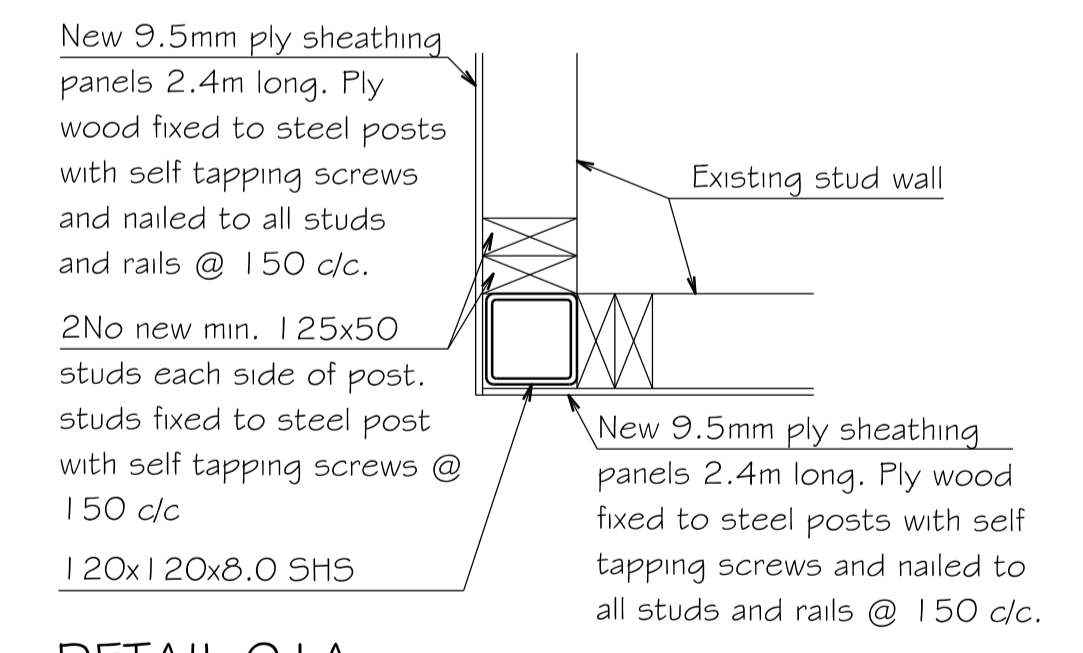


**TYPICAL BASEPLATE SECTION**  
Scale 1:10 @ A1

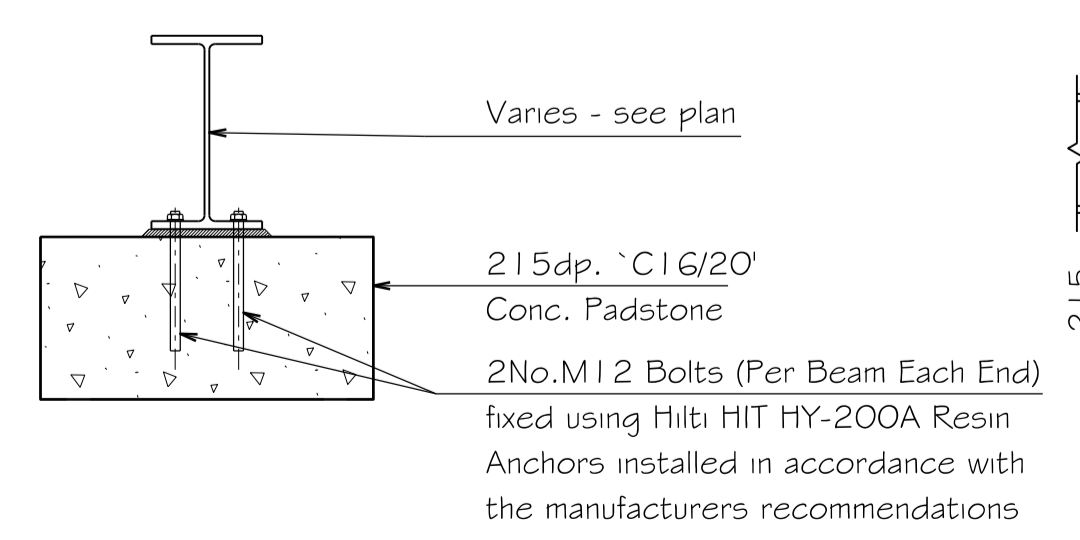
NOTE: CAST-IN HOLDING DOWN BOLTS HAVE BEEN SPECIFICALLY DESIGNED FOR USE ON THIS PROJECT. PLEASE NOTE THAT POST-FIXED RESIN ANCHORS ARE NOT AN ACCEPTABLE OR SATISFACTORY ALTERNATIVE TO CAST-IN HD BOLTS. IT IS IMPERATIVE THESE ARE INSTALLED IN THE CORRECT LOCATION PRIOR TO CONCRETE BEING CAST.



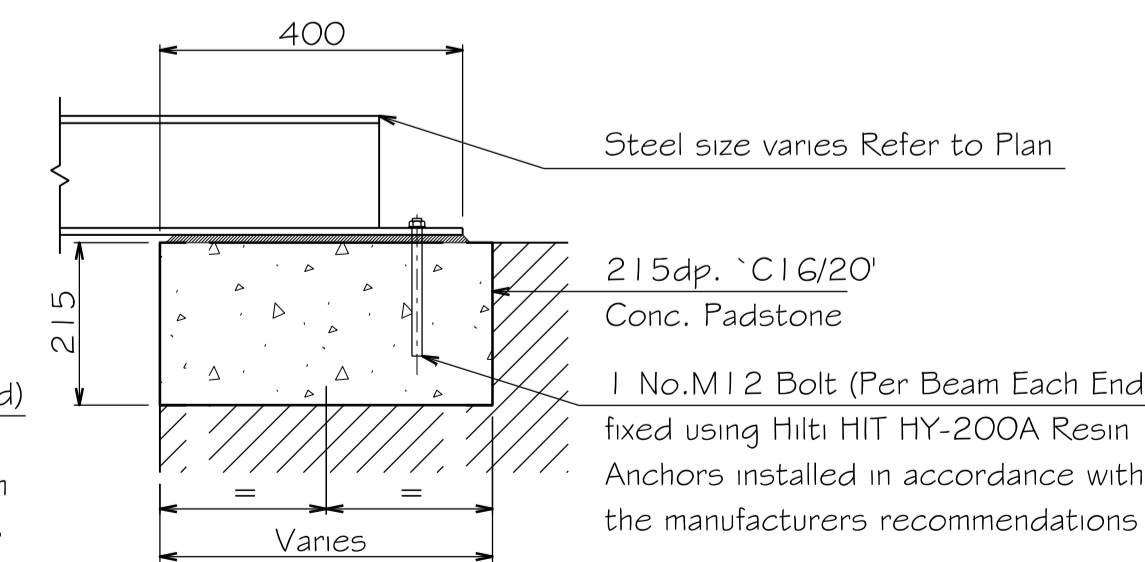
**BASEPLATE PLAN - 120x120x8.0 SHS**  
Scale 1:10 @ A1



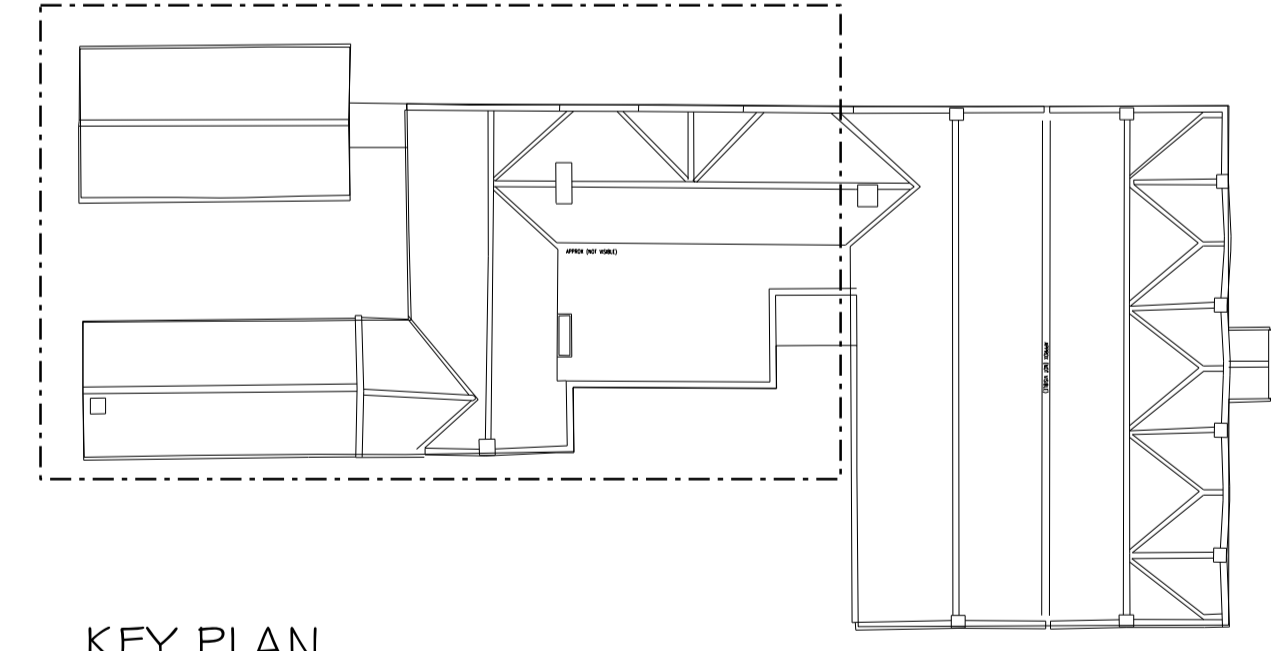
**DETAIL O1A**  
Scale 1:10 @ A1



**TYPICAL PADSTONE DETAIL 1**  
(FOR BEAM PERPENDICULAR TO PADSTONE)  
Scale 1:10 @ A1



**TYPICAL PADSTONE DETAIL 2**  
(FOR BEAM PARALLEL TO PADSTONE)  
Scale 1:10



**KEY PLAN**  
N.T.5

**STEELWORK NOTES**

- All Steelwork to be min - S355 JR to BS EN 10025
- Steelwork fabrication to be in accordance with BS EN 1090. All connections not detailed on the Engineer's drawings are to be designed in accordance with BS EN 1993 and calculations submitted to the Engineer for approval - allowing 14 days for approval prior to commencement of fabrication.
- The steelwork contractor is to submit fabrication drawings to the Engineer allowing 14 days for approval prior to commencement of fabrication. Duplicate copies of drawings are to be submitted to the Architect also, for approval.
- The Steelwork contractor is to provide temporary erection bracing to ensure a stable structure at all times during erection.
- Steelwork contractor to clean any deleterious materials from steelwork and make good all damaged areas of paint work prior to handing over structure to the main contractor.
- All steelwork to be shot blasted to BS 7079: Part A1, preparation grade SA 2 1/2 or mechanically wire brushed to remove all surface contamination, rust and mill scale and have two coats of high build zinc phosphate primer to achieve a minimum dry film thickness of 125 microns prior to site delivery.
- Steelwork contractor is to make allowance for any craneage or access requirements due to site location and dimensions.
- All steel below ground to be encased in min. 75mm Concrete. All steelwork, either below Ground Floor Level, at junctions with concrete or concealed within cavities is to receive 2 coats of Micaceous Iron Oxide (MIO) paint applied in strict accordance with the manufacturers specifications, details, requirements and recommendations.
- All bolts to be Zinc plated and all connections made using grade 8.8 bolts.
- Welded connections to be in accordance with BS EN 1011 using consumables which give a weld deposit with mechanical properties not less than the minimum specified for the parent material.
- No site burning, welding or drilling will be permitted without the Engineer's written permission. NO site welding without hot work permits.
- All connections are to follow the principles shown on AWA drawings.
- Steelwork contractor shall be responsible for taking site survey dimensions where the works include refurbishment of existing buildings or incorporate areas that are inaccessible prior to contract or where site closing dimensions are specifically referred to by the Engineer.
- ALL STEELWORK CONNECTIONS ARE TO BE DESIGNED BY THE CONTRACTOR/FABRICATOR TO LOADINGS AGREED WITH THE STRUCTURAL ENGINEERS.
- EXTERNAL STEELWORK: All steelwork to be shot blast cleaned to BS 7079: Part A1, preparation grade SA 2 1/2 using chilled angular iron grit grade G24 to give a coarse surface profile followed by chemical cleaning. Galvanizing to BS EN ISO 1461 to achieve a minimum mean coating thickness of 140 microns.

**CONCRETE NOTES**

- All Concrete work is to conform to BS EN 1992 and all Concrete is to comply with BS 8500 and the specification.
- Reinforced Concrete is to be a designated mix grade: C32/40
- All Concrete is to be mechanically vibrated.
- All mass concrete padstones to be a standard mix grade C16/20

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Dimensions must be checked on site and not scaled from this drawing.

**GENERAL NOTES**

- This drawing is to be read in conjunction with all relevant Architects, Engineers, Specialist Sub-Contractors drawings and the specification.
- All setting out to be in accordance with the Architects drawings and any discrepancies between the Engineers and Architects drawings to be referred to the Architect before proceeding. Dimensions MUST NOT be scaled.
- All work is to comply with current requirements of the Building Regulations & allied legislation whether referred to or not.
- All materials should be used in compliance with the appropriate manufacturers recommendations.
- The Contractor & Sub-Contractors must ensure that they have the latest issued drawings and details before commencing the relevant work.
- Main Contractor to provide and fit suitable bracing and propping for all elements in the temporary condition during the construction stage, such as to ensure structural stability at all times.

PI	19.05.20	Issued for approval/comment	D5
Rev.	Date	Revisions	Chk.

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Architect:  
**TFH REEVE**

Client:  
**MR & MRS BOUILLEAU**

Job Title:  
**WRAXALL MANOR, HIGHER WRAXALL, DORCHESTER**

Drawing Title:  
**KITCHEN AND GROUND FLOOR ALTERATION**

**PRELIMINARY**

Scale:	1:50, 1:10 @ A1
Date:	May 2020
Drawn by:	SH
Checked:	D5

Orig. No.	10545-01	Rev.	PI
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