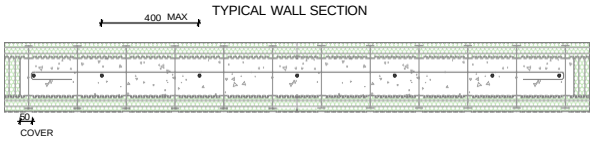
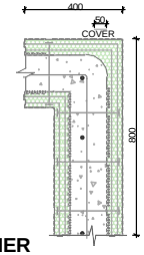
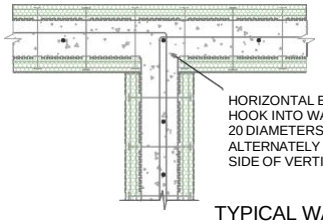


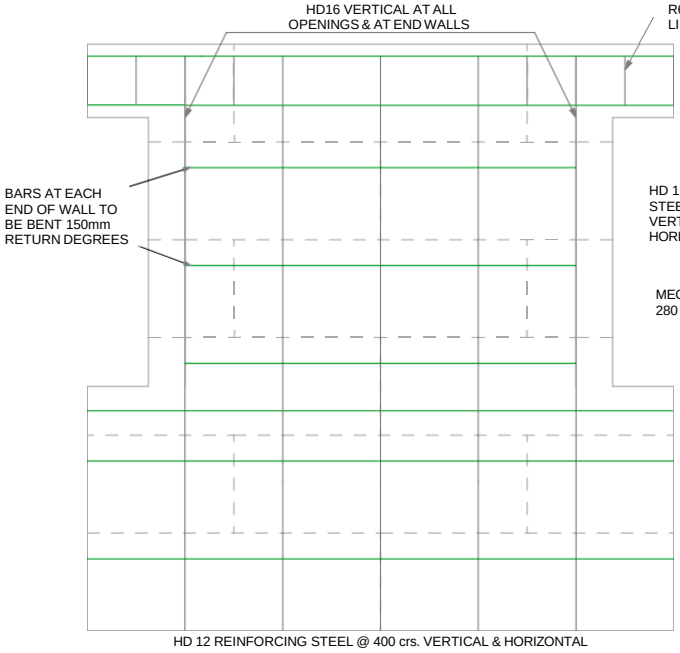
WALL ELEVATION TOP VIEW



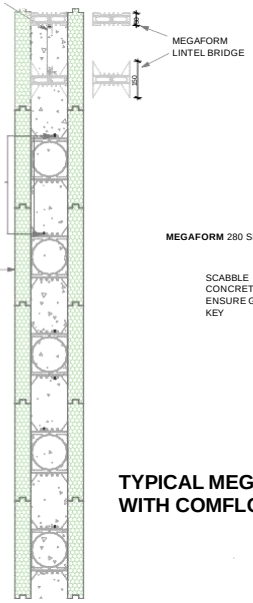
TYPICAL CORNER



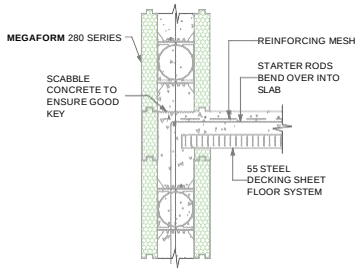
TYPICAL WALL JUNCTION



WALL ELEVATION



TYPICAL WALL SECTION



TYPICAL MEGAFORM WALL CONSTRUCTION WITH COMFLOR STEEL DECKING SYSTEM

NOTE

1 ALL WORK SHALL COMPLY WITH THE RELEVANT CLAUSES OF THE NZ BUILDING CODE

2 WHERE DESIGNATED D, REINFORCEMENT SHALL BE DEFORMED BARS, WHERE

3 ALL REINFORCEMENT SHOWN IS INDICATIVE ONLY. ADDITIONAL REINFORCEMENT MAY BE NEEDED TO MEET SPECIFIC REQUIREMENTS (E.G. STRENGTH, STABILITY, DURABILITY, APPEARANCE, ETC.) RELEVANT TO THE ELEMENT BEING DESIGNED, AND TO ENSURE THAT THE DESIGN IS FIT FOR PURPOSE. FINAL DESIGN TO BE OVERSEEN BY AN APPROPRIATELY QUALIFIED STRUCTURAL ENGINEER.

4 WHERE LAPS ARE NOT SHOWN THEY SHALL BE 45 DIAMETERS FOR D BARS AND 65 DIAMETERS FOR THE H BARS.

5 FOR 280 WIDE WALLS, WHERE NOT OTHERWISE SHOWN, VERTICAL REINFORCEMENT SHALL BE AT 400MM CRS AND HORIZONTAL REINFORCEMENT SHALL BE H12 AT 400 CRS. A BOND BEAM WITH H12 SHALL BE PLACED UNDER ALL SILLS EXTENDING 600MM
6 BEYOND EACH SIDE.

7 CONCRETE SHALL BE 25MPA 150MM SLUMP AND 13MM MAX AGGREGATE.

8 IF DUST OR POLYSTYRENE BEADS GET INTO WALLS BEFORE CONCRETING REMOVAL BY A BLOWER OF VACUUM CLEANER TO THOROUGHLY CLEAN THE SCRABBLED SURFACE OR RECESS OF THE FLOOR SLAB.

9 JUST BEFORE POURING THE SCRABBLED SLAB OR RECESS SURFACE MUST BE WET.

10 CONCRETE SHALL BE POURED SO THAT IT FLOWS ALONG THE BOTTOM AHEAD OF THE CORE BEING CONCRETED.

11 ALL WALLS SHALL BE VIBRATED WITH A MAX 25MM POKER VIBRATOR, RUN VERTICAL UP AND DOWN CORES 500MM APART WITH A SECOND PAUSE AT THE BOTTOM OR RODDED WITH A 16MM REINFORCING ROD UP AND DOWN AT 300 CENTRES.

12 WHERE THE WALLS HAVE BEEN SPECIFICALLY DESIGNED BY AN ENGINEER THEN THE DESIGN ENGINEER SHOULD BE ENGAGED TO INSPECT ALL PREPARATION BEFORE POURING.

13 WHERE THE WALLS ARE POURED IN MORE THAN ONE LIFT THEN THE FIRST POUR SHALL BE LEFT ROUGH. JUST PRIOR TO THE SECOND POUR COAT THE FIRST POUR WITH A 1:1 SAND/ CEMENT SLURRY 20MM THICK.

14 WHERE CONCRETE IS TO BE POURED ON TOP OF THE WALL THEN STARTERS SHOULD BE PLACED WHEN POURING THE WALL AND THE CONCRETE SURFACE SHOULD BE LEFT ROUGH

NOTE:

ALL REINFORCEMENT SHOWN IS INDICATIVE ONLY. ADDITIONAL REINFORCEMENT MAY BE NEEDED TO MEET SPECIFIC REQUIREMENTS (E.G. STRENGTH, STABILITY, DURABILITY, APPEARANCE, ETC.) RELEVANT TO THE ELEMENT BEING DESIGNED, AND TO ENSURE THAT THE DESIGN IS FIT FOR PURPOSE. FINAL DESIGN TO BE OVERSEEN BY AN APPROPRIATELY QUALIFIED STRUCTURAL ENGINEER.

MegaForm™ Building Systems

STRUCTURAL SITE INSTRUCTIONS 1

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