

PROPOSED 1m³ WATER TANK TO M+E ENGINEERS
DETAILS ON 4 NO. 203x133UB25kg STEEL BEAMS
PROPOSED 150x44mm C16 TIMBER JOISTS FITTED
BESIDE EXISTING JOIST WITH 3.1x75mm STEEL NAILS
AT 300mm C/C ON CENTRELINE OF EXISTING JOIST
EXISTING 110x50mm CEILING JOISTS
AT 400mm C/C TO BE RETAINED

PROPOSED 3 NO. 150x44mm C16 JOISTS +
2 NO. 150x44mm C16 TRIMMERS TO FORM ATTIC
ACCESS HATCH + OPE FOR AOV
PROPOSED ACCESS HATCH TO ARCHITECTS DETAIL

FORM NEW OPENING BY WET SAW CUTTING
EXISTING MASONRY WALLS + INSTALLING
PRE-STRESSED PC LINTELS OVER FOR THE FULL
WALL WIDTH WITH 200mm END BEARING
SUPPORT MASONRY OVER
REMOVE EXISTING LINTELS + FIT NEW
215x65mm PRECAST CONCRETE LINTELS
WITH 200mm END BEARING
EXISTING JOISTS TO BE RETAINED

FORM/WIDEN OPENING BY WET SAW CUTTING EXISTING
MASONRY WALLS + INSTALLING
4 NO. 152UC23kg STEEL BEAMS AS LINTELS OVER FOR
THE FULL WALL WIDTH WITH 200mm BEARING EACH END
STEEL BEAMS HOT DIPPED GALVANISED + 60 MINUTE
INTUMESCENT COATING FOR FIRE PROTECTION
150x44mm C16 TIMBER JOISTS AT 400mm C/C TO SUPPORT
STAIR LANDING + SOFFIT - TO ARCHITECTS DETAIL

PROPOSED 152x89 STEEL CHANNEL ON
EDGE CHANNEL SUPPORT TO DETAIL
PROPOSED 152x89 STEEL CHANNEL ON NEW BEARING PADS
IN EXISTING MASONRY WALLS - TYPICAL 215x450x65mm
PRECAST CONCRETE ON 215x450x215mm BRICK IN NHL 5.0 +
ON NEW BEARING PAD AT CENTRAL PIER - TYPICAL
215x450x65mm PRECAST CONCRETE
DELTA MEMBRANE FIXED TO INTERNAL FACE OF WALL,
SEALED TO RADON BARRIER + PROTECTED BY INTERNAL
DRY LINING / PLASTER LINING TO ARCHITECTS DETAIL
150mm MIN ABOVE FINISHED EXTERNAL GROUND LEVEL
440mm SOLID CONCRETE BLOCK RISING WALL -
INSULATED / THERMAL BLOCKWORK AS SHOWN
1225mm x 500mm THICK C28/35 CONCRETE STRIP
FOUNDATION. TFL - 545mm BELOW PLANT ROOM FFL
MASS CONCRETE UNDERPIN TO EXISTING WALL TO
1045mm BELOW PLANT ROOM FFL (MATCH BOTTOM
TRENCH LEVEL OF PLANT RETAINING WALL)
C16/20 LEAN MIX CONCRETE

FLOOR FINISH TO ARCHITECTS SPECIFICATION ON
75mm PROPRIETARY SCREED + UNDERFLOOR
HEATING WITH PERIMETER INSULATION TURNED UP AT
SCREED EDGE ON POLYTHENE SLIP SHEET ON 125mm
THICK RIGID INSULATION ON RADON BARRIER ALL TO
ARCHITECTS SPECIFICATION ON
150mm CONCRETE SLAB WITH A142 FABRIC MESH
REINFORCEMENT ON
50mm T3 BLINDING TO SR 21 ANNEX E ON
250mm MINIMUM COMPACTED APPROVED + CERTIFIED
T2 STONE TO SR 21 ANNEX E (SEE SPECIFICATION)

SEE SHEET 405 FOR
TRUSS + RAFTER REPAIRS

HEIGHT FROM FIRST FLOOR FFL TO
UNDERSIDE OF LIFTING BEAM: 4.2m
TEMPORARY WORKS TO RE-SUPPORT
FIRST FLOOR + FRONT WALL OVER

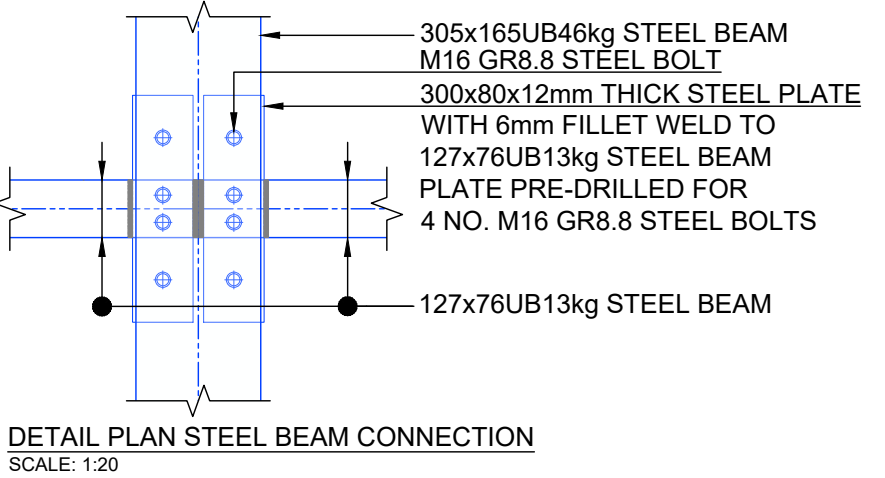
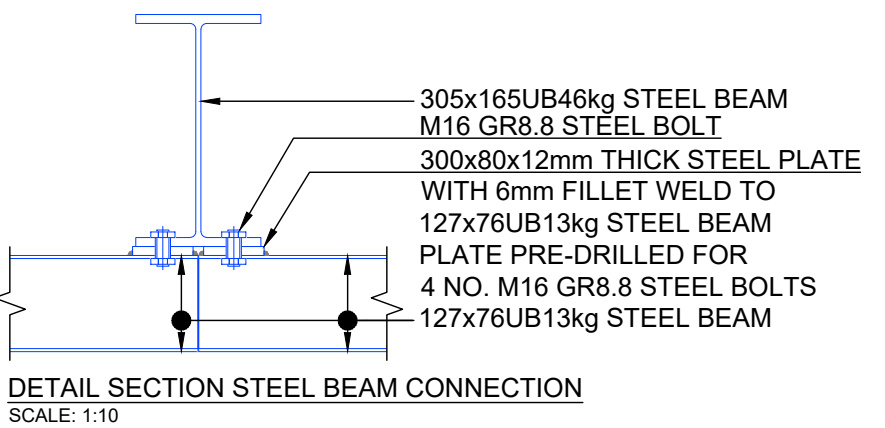
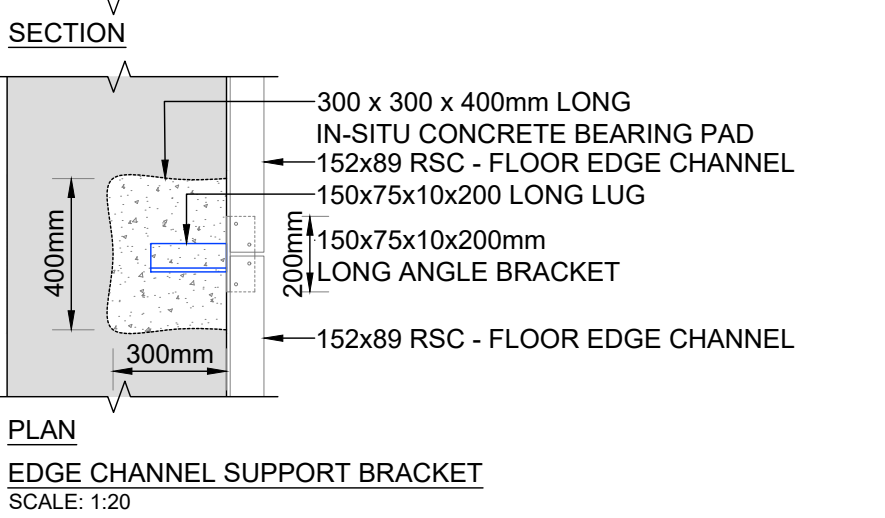
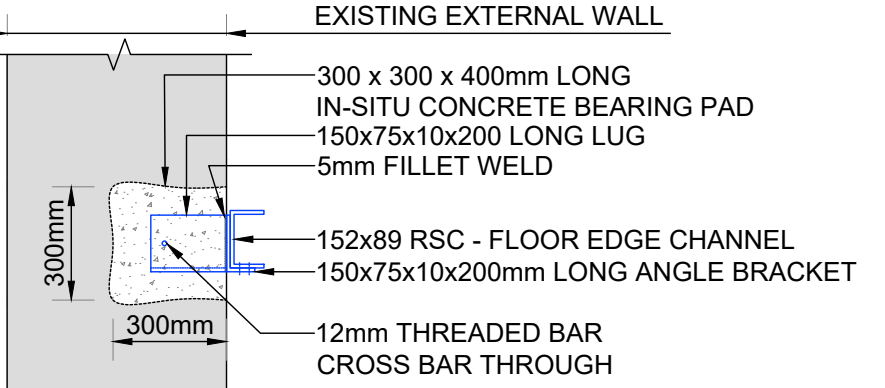
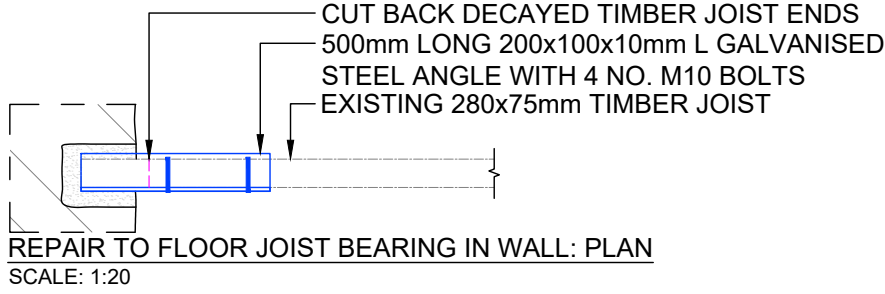
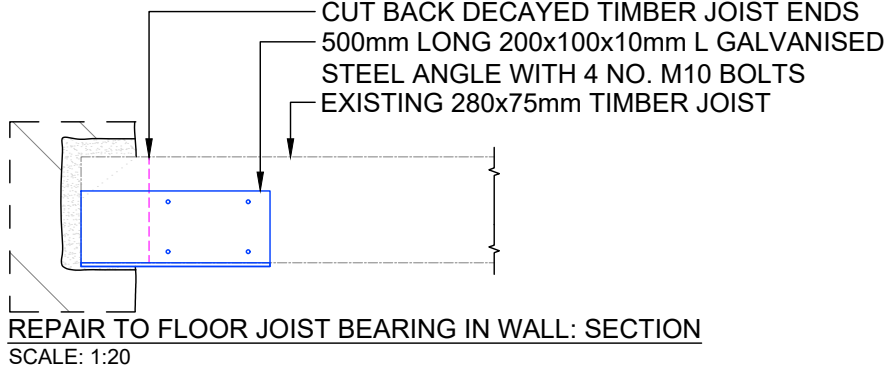
NEW 450mm DEEP BRICK ARCH IN NHL 5.0 MORTAR

EXISTING 280x75mm JOISTS AT 400mm C/C TO BE RETAINED - REPAIR JOIST
ENDS AT FRONT ELEVATION WITH GALVANISED STEEL ANGLE TO DETAIL
2 NO. PROPOSED 305x165UB46kg STEEL BEAMS PLACED BETWEEN
EXISTING JOISTS ON NEW BEARING PAD EACH END - TYPICAL
215x450x65mm PRECAST CONCRETE ON 215x450x215mm BRICK IN NHL 5.0
SEE DETAIL FOR STEEL CONNECTION ACROSS
2 NO. PROPOSED 127x76UB13kg STEEL BEAM ON
NEW BEARING PAD EACH END - TYPICAL 215x450x65mm
PRECAST CONCRETE ON 215x450x215mm BRICK IN NHL 5.0
SEE DETAIL FOR STEEL CONNECTION ACROSS

DISMANTLE RISING WALL TO 500mm BELOW FFL
REBUILD IN BRICK IN NHL 5.0 MORTAR WITH STAINLESS
STEEL BEDJOINT REINFORCEMENT AT 225mm C/C
450 OR 900 x1800x450mm DEEP C28/35
CONCRETE CAP WITH MINI-PILES

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5. Check size of drawing sheet against dimension marks at bottom left hand corner of sheet.



TO BE READ IN CONJUNCTION WITH
ARCHITECT'S TENDER DOCUMENTS.

Rev :	Note :	UPDATES TO PLANTROOM		
T5	Date :	10 APR. '26	Drawn :	JH
			Approved :	JK
Rev :	Note :	PHASE 2 WORKS		
T4	Date :	20 MAR. '26	Drawn :	JH
			Approved :	JK



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CAHIR MARKET HOUSE BUSINESS CENTRE
THE SQUARE, CAHIR, CO. TIPPERARY
ARCHITECT: DEATON LYSAGHT ARCHITECTS

Title :
SECTION A-A

Purpose of Issue :
TENDER
Scale :
1:50 ; 1:20

Project No. :
20185
Drawing No. :
421
Issue No. :
T5

SHEET SIZE : A1
0mm 50mm 100mm