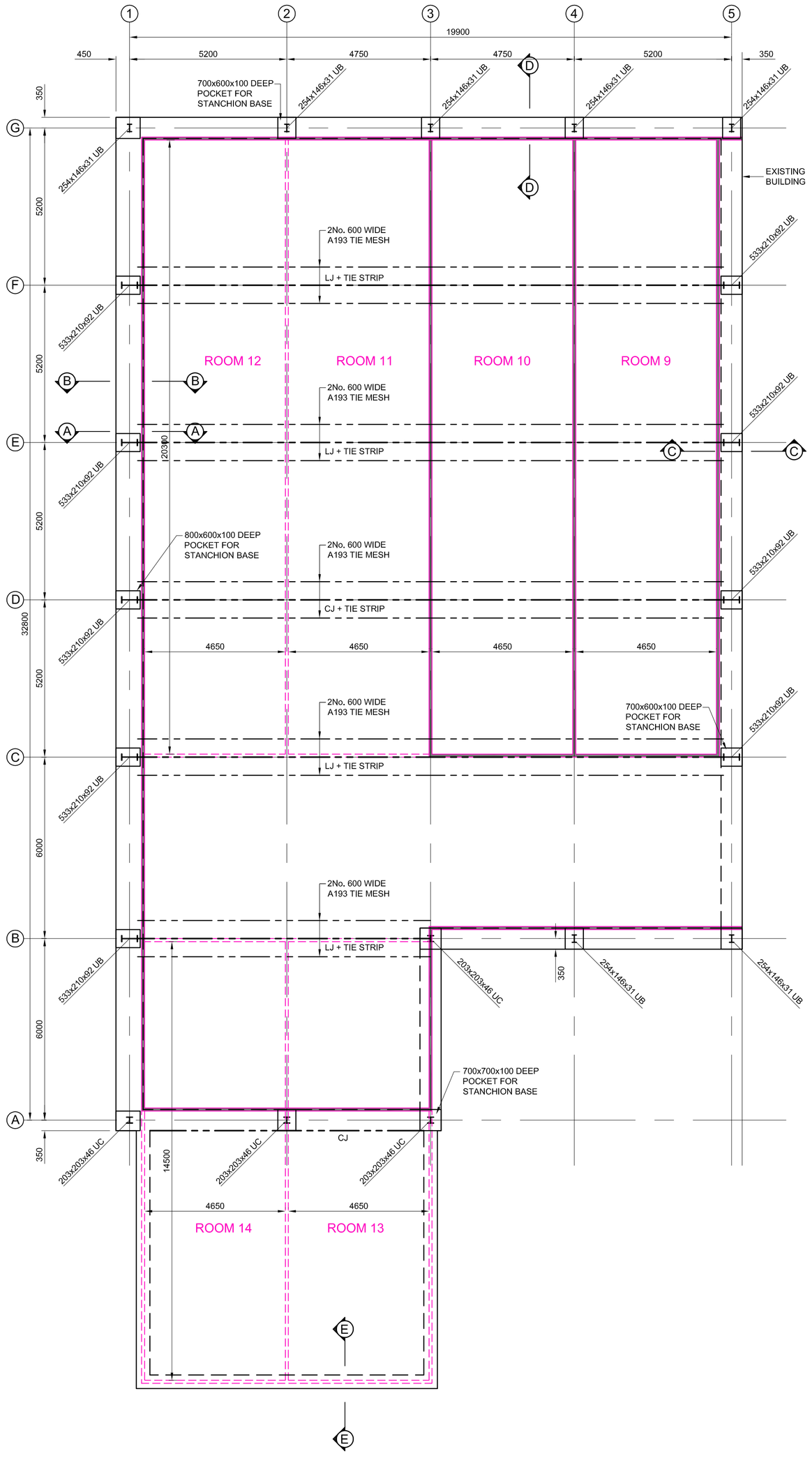
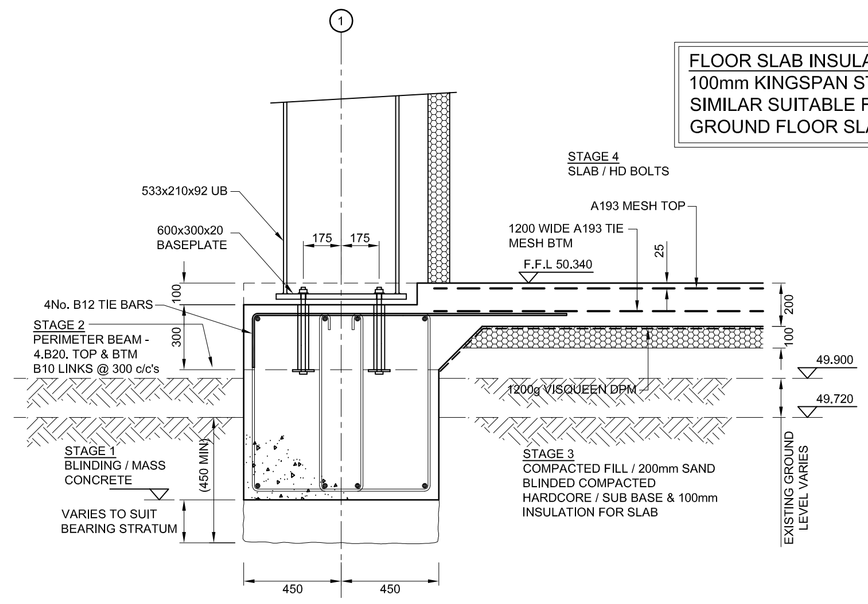
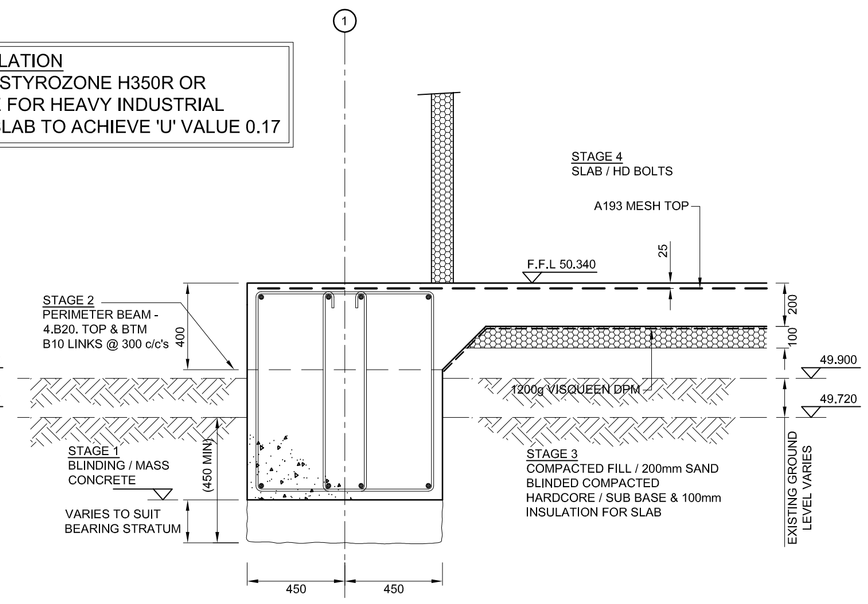
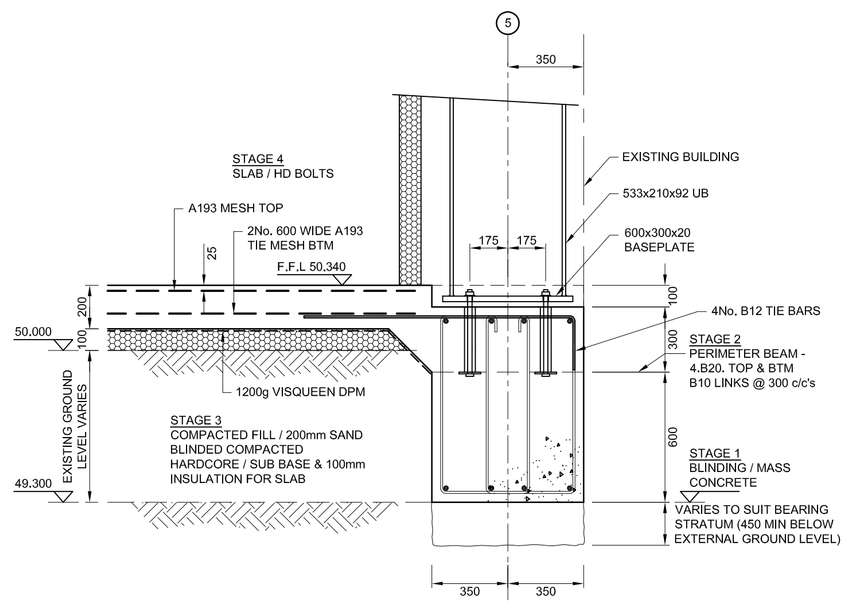




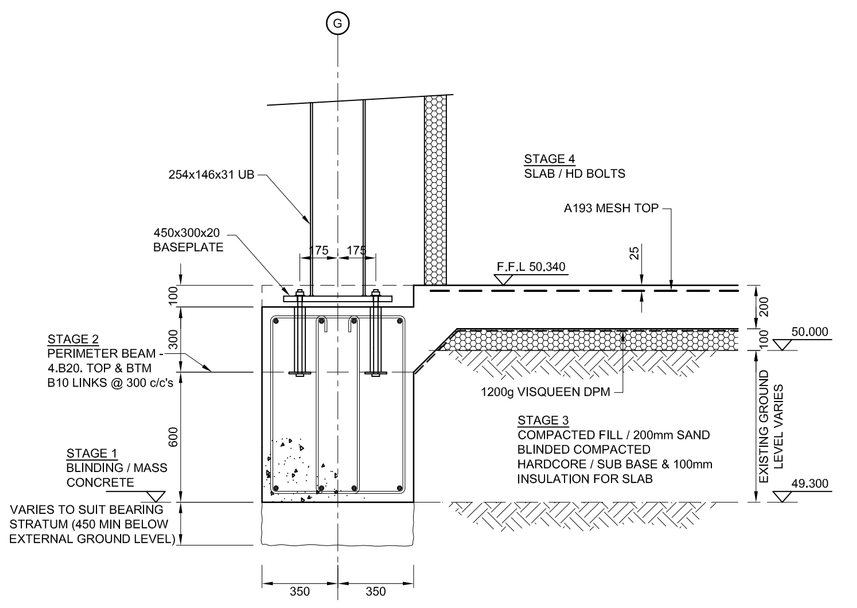
SECTION A-A
SCALE - 1:20



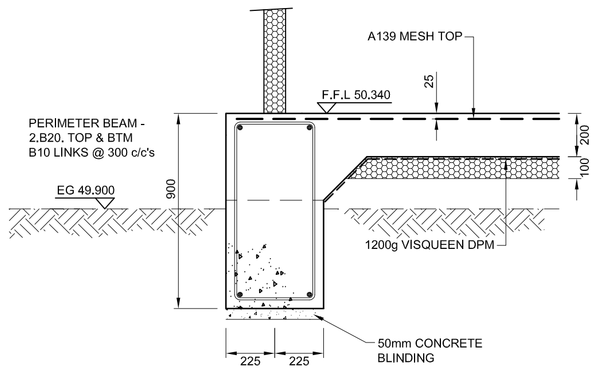
SECTION B-B
SCALE - 1:20

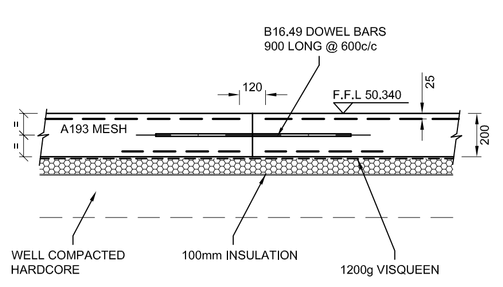


SECTION C-C
SCALE - 1:20

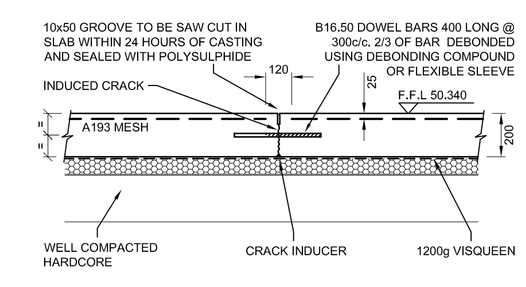


SECTION D-D
SCALE - 1:20



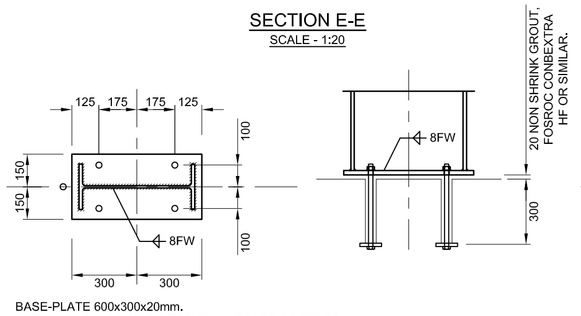


TYPICAL LONGITUDINAL JOINT (LJ)
SCALE - 1:20



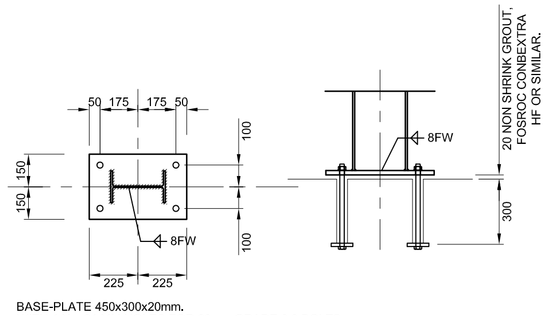
TYPICAL INDUCED CONTRACTION JOINT (ICJ)
SCALE - 1:20

SECTION E-E
SCALE - 1:20



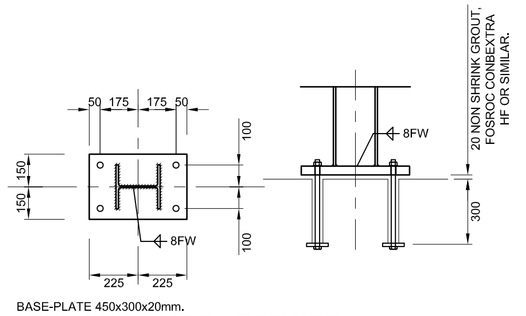
BASE-PLATE 600x300x20mm,
WITH 4 No, 24 MM HOLES FOR 20mm GRADE 8,8 BOLTS,
60.3 DIA x 3.2 CHS TUBES. WASHERS 100x100x10mm THICK.
ALL PLATES S275. ALL WELDS GRADE 35.

BASE-PLATE TYPE (533x210x92 UB)
(SCALE 1:20)



BASE-PLATE 450x300x20mm,
WITH 4 No, 24 MM HOLES FOR 20mm GRADE 8,8 BOLTS,
60.3 DIA x 3.2 CHS TUBES. WASHERS 100x100x10mm THICK.
ALL PLATES S275. ALL WELDS GRADE 35.

BASE-PLATE TYPE (254x146x31 UB)
(SCALE 1:20)



BASE-PLATE 450x300x20mm,
WITH 4 No, 24 MM HOLES FOR 20mm GRADE 8,8 BOLTS,
60.3 DIA x 3.2 CHS TUBES. WASHERS 100x100x10mm THICK.
ALL PLATES S275. ALL WELDS GRADE 35.

BASE-PLATE TYPE (203x203x46 UC)
(SCALE 1:20)

NOTES -

1.0 GENERAL

1.1 THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S, ENGINEER'S AND SPECIALIST'S DRAWINGS AND SPECIFICATIONS.

1.2 WORK TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT GOOD PRACTICE, BUILDING REGULATIONS AND SUBSEQUENT AMENDMENTS. THE PROJECT SPECIFICATION, RELEVANT BRITISH STANDARDS AND CODES OF PRACTICE. MATERIALS AND COMPONENTS TO BE SUITABLE FOR THEIR INTENDED USE.

1.3 FOR SETTING OUT REFER TO ARCHITECTS DRAWINGS.

2.0 SEMI RAFT FOUNDATIONS

2.1 SEMI RAFT FOUNDATIONS HAVE BEEN DESIGNED ON A NETT ALLOWABLE GROUND BEARING PRESSURE OF 80KN/Sq.m. FOUNDED IN THE UNDERLYING LOOSE TO MEDIUM DENSE SAND (TIDAL FLAT DEPOSIT)

2.2 DESIGNATED CONCRETE FOR R.C. RAFT FOUNDATIONS
- CONCRETE TO BE SUPPLIED AS 'DESIGNATED' CONCRETE IN ACCORDA- NCE WITH THIS SPECIFICATION & THE RELEVANT CLAUSES OF BS8500-2
- CONCRETE DESIGNATION: RC35
- MAX AGGREGATE SIZE: 20mm (NORMAL WEIGHT CONCRETE)
- CONSISTENCE CLASS: S3
- ADDITIONAL REQUIREMENTS: NONE
- METHOD OF PLACING: CONTRACTORS CHOICE
- IDENTITY TESTING: COMPRESSIVE STRENGTH TESTING TO BE CARRIED OUT BY UKAS ACCREDITED LABORATORY. TESTS TO BE CARRIED OUT ON ONE SAMPLE PER 20Cu.m OR 20 BATCHES (WHICHEVER REPRESENTS THE LESSER VOLUME), BUT NOT LESS THAN ONE FOR EACH DAY OF USE.

MASS CONCRETE FILL / BLINDING CONCRETE DESIGNATION C20

2.3 HARDCORE SUB-BASE TO BE OF GRANULAR MATERIAL FREE EXCESSIVE DUST, WELL GRADED, ALL PIECES LESS THAN 75mm IN ANY DIRECTION. WITH SUFFICIENT PROPORTION OF 50mm GUAGE AND LESS TO FORM A DENSE FILLING (ie CRUSHED ROCK, CRUSHED CONCRETE OR OTHER APPROVED MATERIAL). THE MATERIAL SHALL BE FREE FROM EXTRANEOUS MATTER, PLASTER, LIME, SULPHUR, METAL OR OTHER DELITERIOUS MATERIALS.

2.4 HARDCORE SUB-BASE TO BE PLACED IN LAYERS NOT EXCEEDING 150mm WITH EACH LAYER BEING THOROUGHLY COMPACTED WITH A VIBRATORY ROLLER, VIBRATING PLATE COMPACTOR OR OTHER SUITABLE MEANS. COMPACTION REQUIREMENTS TO BE IN ACCORDANCE WITH TABLE 8/1 OF THE DTp SPECIFICATION FOR HIGHWAY WORKS.

3.0 GROUND BEARING FLOOR SLAB

3.1A INDUSTRIAL UNIT - GROUND FLOOR SLAB CONCRETE TO BE 200MM THICK (U.N.O.), REINFORCED WITH A193 MESH (U.N.O.).

3.2 DESIGNATED CONCRETE FOR GROUND FLOOR SLAB
- CONCRETE TO BE SUPPLIED AS 'DESIGNATED' CONCRETE IN ACCORDA- NCE WITH THIS SPECIFICATION & THE RELEVANT CLAUSES OF BS8500-2
- CONCRETE DESIGNATION: RC40
- MAX AGGREGATE SIZE: 20mm (NORMAL WEIGHT CONCRETE)
- CONSISTENCE CLASS: S3
- ADDITIONAL REQUIREMENTS: NONE
- METHOD OF PLACING: CONTRACTORS CHOICE
- IDENTITY TESTING: COMPRESSIVE STRENGTH TESTING TO BE CARRIED OUT BY UKAS ACCREDITED LABORATORY. TESTS TO BE CARRIED OUT ON ONE SAMPLE PER 20Cu.m OR 20 BATCHES (WHICHEVER REPRESENTS THE LESSER VOLUME), BUT NOT LESS THAN ONE FOR EACH DAY OF USE.

3.3 HARDCORE SUB-BASE TO BE OF GRANULAR MATERIAL FREE FROM EXCESSIVE DUST, WELL GRADED, ALL PIECES LESS THAN 75mm IN ANY DIRECTION, WITH SUFFICIENT PROPORTION OF 50mm GUAGE AND LESS TO FORM A DENSE FILLING (ie CRUSHED ROCK, CRUSHED CONCRETE OR OTHER APPROVED MATERIAL). THE MATERIAL SHALL BE FREE FROM EXTRANEOUS MATTER, PLASTER, LIME, SULPHUR, METAL OR OTHER DELITERIOUS MATERIALS.

3.4 HARDCORE SUB-BASE TO BE PLACED IN LAYERS NOT EXCEEDING 150mm WITH EACH LAYER BEING THOROUGHLY COMPACTED WITH A VIBRATORY ROLLER, VIBRATING PLATE COMPACTOR OR OTHER SUITABLE MEANS. COMPACTION REQUIREMENTS TO BE IN ACCORDANCE WITH TABLE 8/1 OF THE DTp SPECIFICATION FOR HIGHWAY WORKS.

3.5 ANY SOFT SPOTS OR OBSTRUCTIONS ARE TO BE REMOVED & REPLACED WITH MATERIAL AS SPECIFIED IN #.3 & COMPACTED AS #.4.

3.6A INDUSTRIAL UNIT - GROUND FLOOR SLAB TO RECIEVE A POWER FLOATED FINISH AND BE SEALED WITH 2 NO. COATS LITHURIN APPLIED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

3.7 POLYETHELYNE DPM/ANTI-SLIP MEMBRANE TO BE 1200g FOR DETAILS OF DPM/DPC REFER TO ARCHITECTS DRAWINGS & DETAILS.

3.8 FABRIC REINFORCEMENT TO COMPLY WITH BS4483. MIN 300mm LAPS.

REV.	DATE	DRN	DESCRIPTION

PURPOSE OF ISSUE
PRELIMINARY

CLIENT
MTX CONTRACTS LTD

PROJECT
GREENCELL, SPALDING

TITLE
FOUNDATION & GROUND FLOOR SLAB GA

JOB No.	DRAWING No.	REVISION
C18142	/ 01	~

DRAWN	CHECKED	SCALE	@ SHEET SIZE	DATE
TW	AJP	1:100 DRAWING NOT TO BE SCALED	A1	MARCH 2015

atkinson consulting engineers peck
Watson House, 45 Waterloo Road, Stockport, Cheshire, SK1 3BJ
telephone: +44 (0)161 480 2833, facsimile: +44 (0)161 477 3939
email: apce@atkinsonpeck.co.uk, web: www.atkinsonpeck.co.uk
ace consultancy engineering business environment