

CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATION 2015

DESIGNERS HAZARD INFORMATION FOR CONSTRUCTION

1. IF YOU DO NOT FULLY UNDERSTAND THE RISKS INVOLVED DURING THE CONSTRUCTION OF THE ITEMS INDICATED ON THIS DRAWING ASK YOUR MANAGER, HEALTH & SAFETY ADVISOR OR A MEMBER OF THE DESIGN TEAM BEFORE PROCEEDING.

2. **ASBESTOS**
THE CONTRACTOR SHOULD ENSURE THAT A TYPE 3 ASBESTOS SURVEY IS UNDERTAKEN PRIOR TO ANY DEMOLITION. ANY ASBESTOS IDENTIFIED SHOULD BE REMOVED IN A SAFE MANNER BY A SPECIALIST CONTRACTOR AND DISPOSED OF TO A SUITABLY LICENCED TIP.

3. **BURIED SERVICES**
THE CONTRACTOR SHOULD COLLATE ALL CURRENT SERVICES INFORMATION AND IS ADVISED TO UNDERTAKE HIS OWN ON-SITE SEARCHES/SURVEYS TO CHECK FOR ANY FURTHER SERVICES. ALL KNOWN SERVICES IDENTIFIED SHOULD BE RECORDED AND MARKED OUT ON SITE.

4. **GROUND CONTAMINATION**
HIGH STANDARDS OF PERSONAL HYGIENE ARE TO MAINTAINED AND ALL WORKERS SHOULD BE VIGILANT AND USE APPROPRIATE PPE. QUALIFIED ENVIRONMENTAL ENGINEERS ARE TO BE APPOINTED TO MONITOR AND TEST THE SOILS.

5. **DRILLING RIG STABILITY**
THE PILLING CONTRACTOR SHOULD CONSTRUCT A WORKING PLATFORM USING A SUFFICIENT THICKNESS OF COMPACTED CRUSHED CONCRETE OR SIMILAR MATERIAL DESIGNED TO SAFELY ACCOMMODATE THE LOADS GENERATED BY THE PROPOSED PLANT AND MACHINERY.

6. **EXCAVATION IN MADE GROUND**
THE SAFE BATTER ANGLES NOTED IN THE GEOTECHNICAL REPORT SHOULD NOT BE EXCEEDED. TEMPORARY SUPPORTS SHOULD BE PROVIDED FOR ANY OTHER EXCAVATION WITHIN MADE GROUND WHERE MAN ENTRY IS REQUIRED OR WHERE THE AVOIDANCE OF COLLAPSE IS IMPORTANT. PLANT SHOULD BE KEPT AWAY FROM EDGES OF ALL EXCAVATIONS.

7. **REINFORCEMENT**
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THE ABOVE NOTES REFER SPECIFICALLY TO THE INFORMATION SHOWN ON THIS DRAWING.

REFER TO THE HEALTH AND SAFETY PLAN FOR FURTHER INFORMATION.

STRUCTURAL CONCRETE FRAMING SCHEDULE

REF:	MEMBER	STRUCTURAL MATERIAL
B1	1000 x 850mm	CONCRETE C32/40
B2	750 x 800mm	CONCRETE C32/40
B3	1000 x 600mm	CONCRETE C32/40
B4	1500 x 850mm	CONCRETE C32/40
B5	250 x 400mm	CONCRETE C32/40
B6	250 x 450mm	CONCRETE C32/40
B7	250 x 600mm	CONCRETE C32/40
B16	550 x 600mm	CONCRETE C32/40

STRUCTURAL CONCRETE COLUMN SCHEDULE

REF:	MEMBER
C4	215 x 350mm
C6	215 x 450mm
C10	215 x 600mm
C11	215 x 800mm
C20	300 x 360mm
C21	300 x 450mm
C22	215 x 750mm

STRUCTURAL CONCRETE WALL SCHEDULE

REF:	WALL TYPE	STRUCTURAL USAGE
W1	MLM Wall_240mmConcrete	Shear
W2	MLM Wall_215mmConcrete	Shear
W3	MLM Wall_200mmConcrete	Shear
W4	MLM Wall_300mmConcrete	Shear
W5	MLM Wall_250mmConcrete	Shear
W6	MLM Wall_175mmConcrete	Shear
W7	MLM Wall_350mmConcrete	Shear
W8	MLM Wall_275mmConcrete	Shear

NOTES:

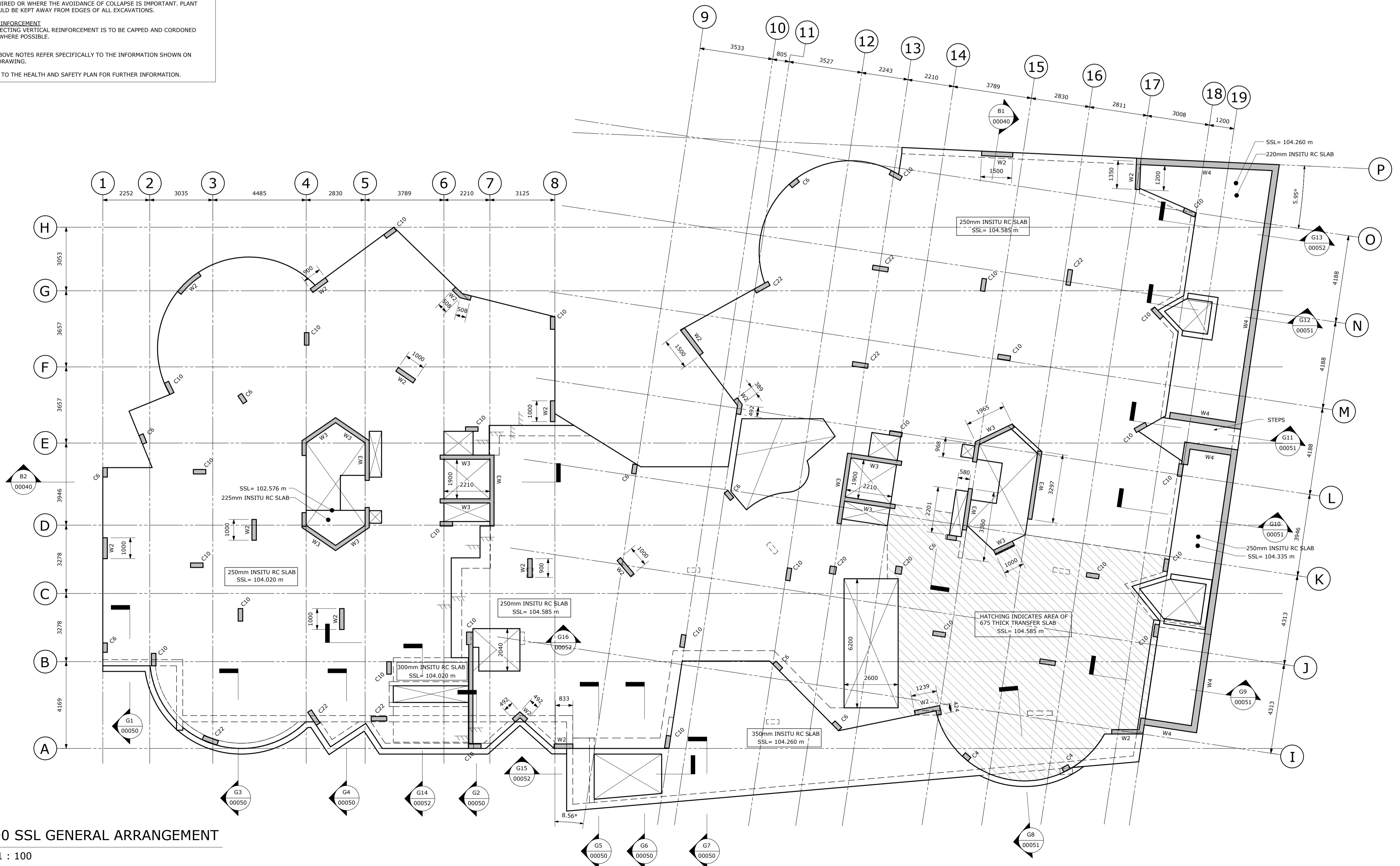
1. GENERAL NOTES

- 1.1 THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S, SERVICE ENGINEERS', SPECIALIST DRAWINGS AND THE SPECIFICATION. WHERE ANY DISCREPANCIES OR CONFLICTS OCCUR, ADVICE SHOULD BE SOUGHT FROM THE CONTRACT ADMINISTRATOR (CA) BEFORE COMMENCING WORK.
- 1.2 REFER TO THE CDM DESIGNERS HAZARD INFORMATION BOX ON THIS DRAWING FOR PARTICULAR HEALTH AND SAFETY RISKS SPECIFIC TO THIS PROJECT.
- 1.3 ALL DIMENSIONS ARE IN mm, ALL LEVELS ARE IN m.
- 1.4 THIS DRAWING IS NOT TO BE SCALED FOR CONSTRUCTION PURPOSES. ONLY WRITTEN OR CALCULATED DIMENSIONS AND LEVELS ARE TO BE USED. REFER TO THE ARCHITECT'S DRAWINGS FOR GENERAL SETTING OUT INFORMATION UNLESS NOTED OTHERWISE.
- 1.5 ANY DISCREPANCIES BETWEEN THE STRUCTURAL DRAWINGS AND THE ARCHITECT'S OR SERVICE ENGINEERS' DRAWINGS SHOULD BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CA.
- 1.6 THE STRUCTURE IS DESIGNED FOR THE PERMANENT CONDITION AND ANY ADVISED LOADS FROM THE TEMPORARY WORKS DESIGNER. THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE DURING ITS TEMPORARY CONDITION AND THE TEMPORARY WORKS REQUIRED DURING CONSTRUCTION. ANY USE OF THE PERMANENT WORKS FOR TEMPORARY STABILITY IS TO BE AGREED WITH THE ENGINEER.
- 1.7 THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE STABILITY OF ANY EXISTING STRUCTURES ON THE SITE AND ON ADJOINING SITES AND MUST TAKE ALL NECESSARY PRECAUTIONS TO SAFEGUARD THIS STABILITY THROUGHOUT THE DURATION OF THE WORKS.

4.0 CONCRETE

- 4.1 ALL SLAB THICKNESSES ARE NOTED ON THE DRAWING.
- 4.2 ALL STAIR & LIFT CORE WALLS TO BE 200mm THICK UNLESS NOTED OTHERWISE.
- 4.3 CONCRETE TO GROUND FLOOR SLAB TO BE RC 32/40 IN ACCORDANCE WITH GROUND FLOOR LEVEL TO BE C40/50 IN ACCORDANCE WITH MLM SPECIFICATION E10.
- 4.4 CONCRETE TO INTERNAL BASEMENT COLUMNS /WALLS UP TO UNDERSIDE GROUND FLOOR LEVEL TO BE C40/50 IN ACCORDANCE WITH MLM SPECIFICATION E10
- 4.5 FOR FULL DETAILS OF SERVICE ENTRIES AND PUBLIC HEALTH PENETRATIONS REFER TO M&E DRAWINGS.
- 4.6 REFER TO LIFT MANUFACTURER'S DRAWINGS FOR DETAILS OF CAST IN FIXINGS.
- 4.7 ALLOWANCE IS TO BE MADE FOR SUPPLYING & FIXING THE FOLLOWING QUANTITIES OF REINFORCING STEEL:-

GROUND FLOOR SLAB GENERALLY:	120kg/m ³
LOWER GROUND FLOOR SLAB GENERALLY:	160kg/m ³
AREAS OF THICKENED TRANSFER SLABS OR BEAMS:	180kg/m ³
BASEMENT SLAB:	160kg/m ³
CAPPING BEAM:	200kg/m ³
RETAINING WALLS AND BASEMENT LINING WALLS:	160kg/m ³
INTERNAL WALLS:	110kg/m ³
COLUMNS:	200kg/m ³
PILE CAPS:	150kg/m ³
- 4.8 ALLOW FOR ADDITIONAL ANCON OR SIMILAR PROPRIETARY PUNCHING SHEAR RAILES WITHIN SLABS AT 60% OF COLUMN POSITIONS.
- 4.9 IN ADDITION TO THE SERVICE RISER HOLES ALREADY SHOWN ON THE DRAWING, ALLOW FOR FORMING 250x250mm SQUARE HOLES THROUGH THE SLAB AT A RATE OF 1 HOLE PER 10 SQUARE METRES OF SLAB.
- 4.10 ALL STAIRS ARE TO COMPRISE INSITU RC LANDINGS AND FLIGHTS.
- 4.11 MAKING GOOD OF SECCANT WALL AND CAPPING BEAM PENETRATIONS ANNULUS BETWEEN SLEEVE AND SERVICE TO BE FILLED USING FOSROC CONBEXTRA HF OR EQUIVALENT NON-SHINK GROUT. SELF ADHESIVE HYDROPHILIC STRIPS TO BE APPLIED TO SERVICE PIPE AND INSIDE OF SLEEVE. EXTERNAL FACE OF PENETRATION TO BE DRESSED USING 2 COATS OF FOSROC PROOFEX LM OR EQUIVALENT. REFER TO TYPICAL DETAILS ON DRAWING NO. FZJ-MLM-XX-XX-DR-ST-XXXX



00 SSL GENERAL ARRANGEMENT

1 : 100

Rev	Date	Description	Made	Checked
P3	11/03/2016	LEVELS CHANGED TO AOD. TRANSFER BEAMS OMITTED AND COLUMNS UNDER RE-POSITIONED. TRANSFER SLAB ADDED	KJW	GDW
P2	22/01/2016	SITE LAYOUT INDICATED	KJW	GDW
P1	19/01/2016	WORK IN PROGRESS	KJW	GDW

Drawing Status

STAGE E

MLM

Multidisciplinary Consulting

North Kiln, Felaw Maltings, 46 Felaw Street, Ipswich, Suffolk, IP2 8PN
Tel: 01473 231100
Website: www.mlm.uk.com

Client
PEGASUS LIFE

Project
79 FITZJOHNS AVENUE, HAMPSTEAD

Drawing Title
GROUND FLOOR GENERAL ARRANGEMENT

Drawn/Design	KJW/ETN	Date	NOV 2015	Scales	As indicated @ A1
Checked	ETN	Approved	GDW	MLM Ref	581197

Drawing No. **FZJ-MLM-XX-00-DR-ST-00200** Rev **P3**

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5. **DRILLING RIG STABILITY**
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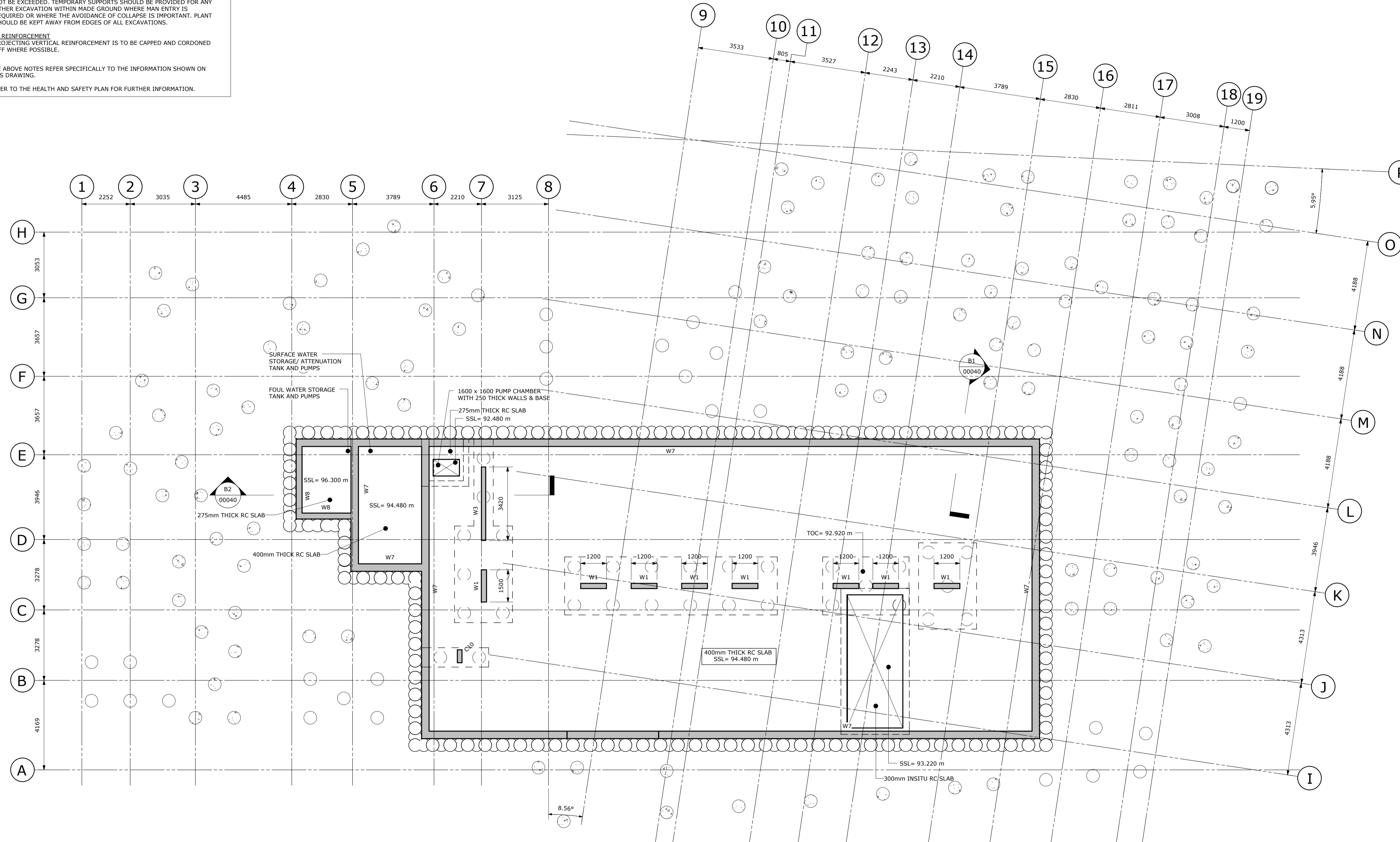
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B1 SSL GENERAL ARRANGEMENT

1 : 100

P3	11/03/2016	LEVELS CHANGED TO AOD. BASEMENT SIZE REVISED. STORAGE TANKS ADDED. LINING WALLS REVISED. PILING REVISED.	KJW	GDW
P2	22/01/2016	SITE LAYOUT INDICATED	KJW	GDW
P1	19/01/2016	WORK IN PROGRESS	KJW	GDW
Rev	Date	Description	Made	Checked

Drawing Status

STAGE E

Multidisciplinary Consulting

North Kiln, Felaw Maltings, 46 Felaw Street, Ipswich, Suffolk, IP2 8PN
Tel: 01473 231100
Website: www.mlm.uk.com

Client
PEGASUS LIFE

Project
79 FITZJOHNS AVENUE, HAMPSTEAD

Drawing Title
BASEMENT GENERAL ARRANGEMENT

Drawn/Design	KJW/ ETN	Date	NOV 2015	Scales	As indicated @ A1	
Checked	ETN	Approved	GDW	MLM Ref	581197	
Drawing No.	FZJ- MLM- XX- B1- DR- ST- 00020				Rev	P3

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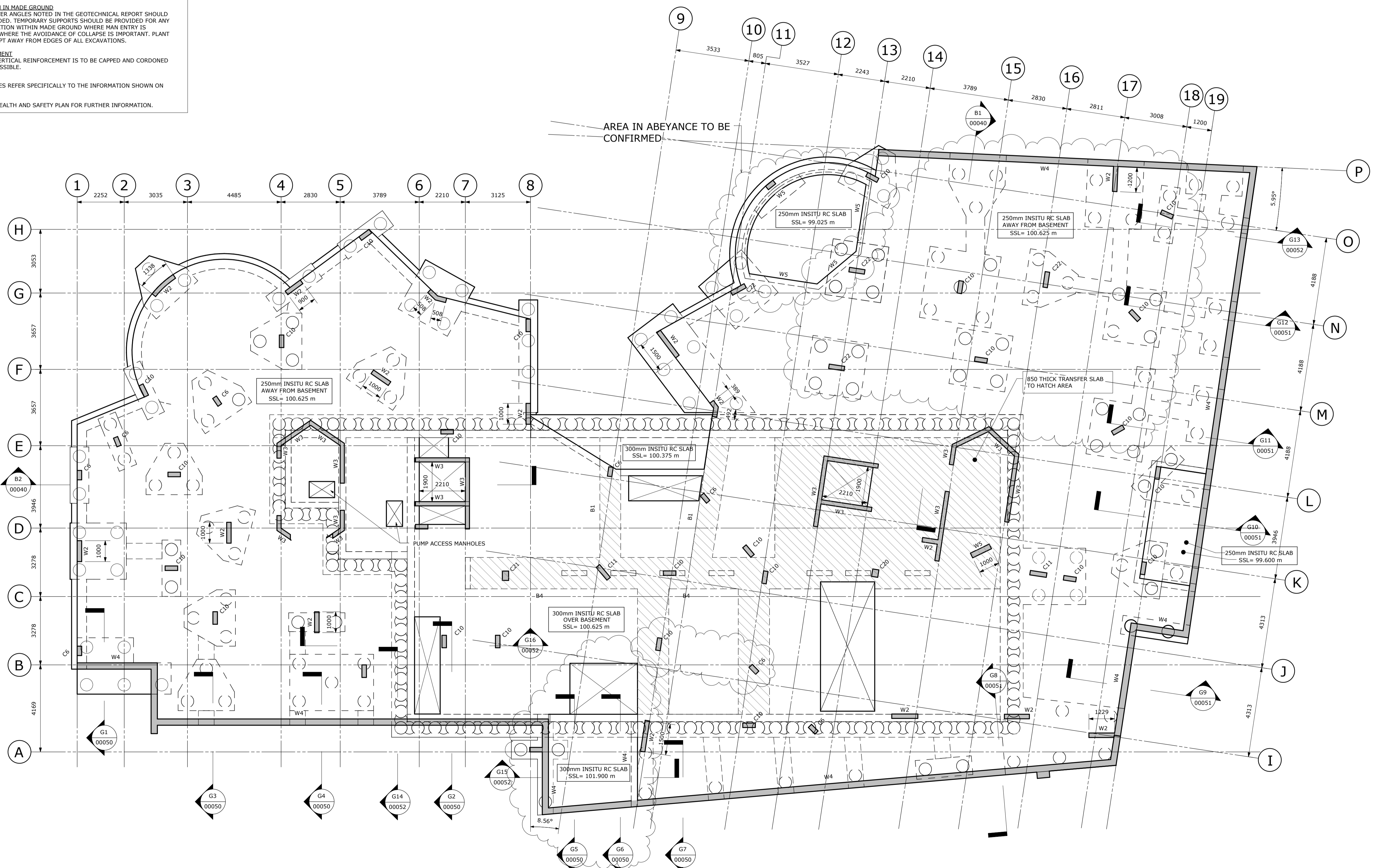
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LG SSL GENERAL ARRANGEMENT

1 : 100

Rev	Date	Description	Made	Checked
P3	11/03/2016	LEVELS CHANGED TO AOD. CONTIGUOUS PILES CHANGED TO SEICANT. COLUMNS IN WELLNESS AREA REVISED. STORAGE TANKS UNDER INDICATED. BASEMENT SIZE UNDER REVISED. PILING REVISED. OTHER REVISIONS AS CLOUDED.	KJW	GDW
P2	22/01/2016	SITE LAYOUT INDICATED	KJW	GDW
P1	19/01/2016	WORK IN PROGRESS	KJW	GDW

STAGE E

MLM

Multidisciplinary Consulting

North Kiln, Felaw Maltings, 46 Felaw Street, Ipswich, Suffolk, IP2 8PN
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PEGASUS LIFE

Project
79 FITZJOHNS AVENUE, HAMPSTEAD

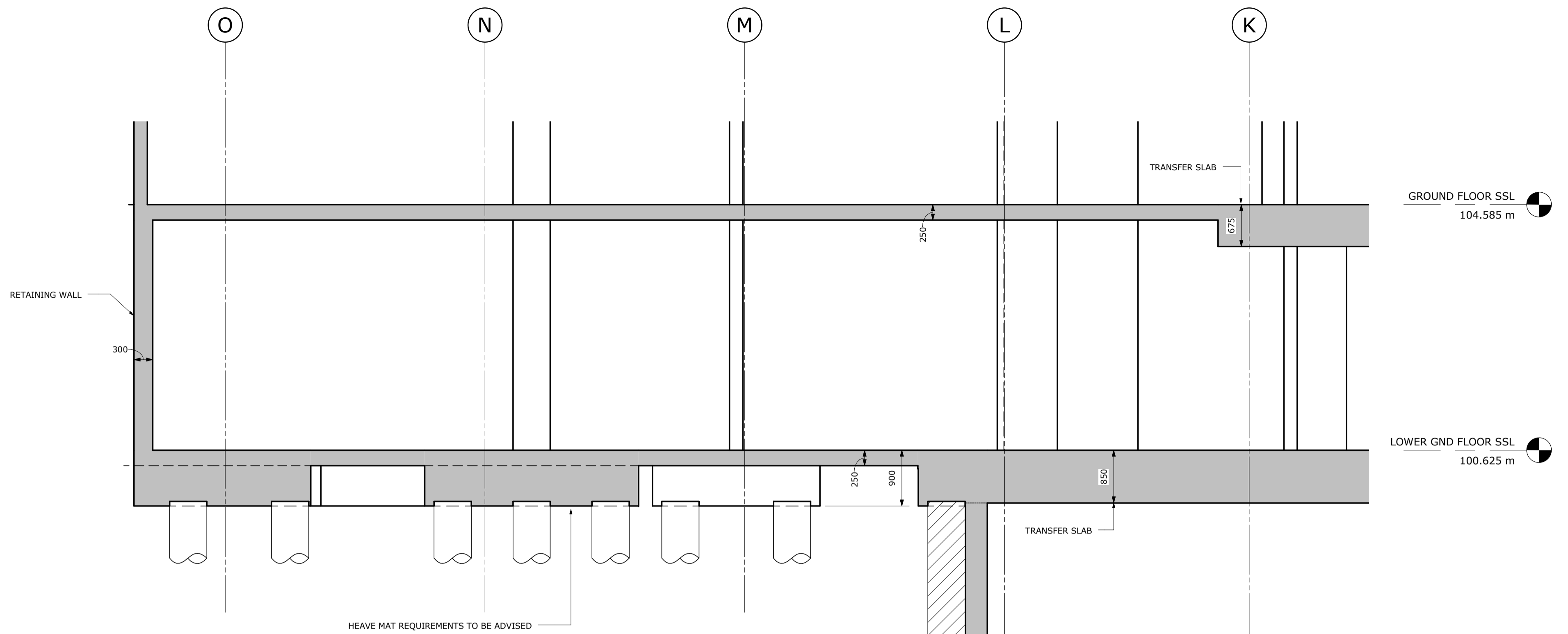
Drawing Title
LOWER GROUND FLOOR GENERAL ARRANGEMENT

Drawn/Design	KJW/ETN	Date	NOV 2015	Scales	As indicated @ A1	
Checked	ETN	Approved	GDW	MLM Ref	581197	
Drawn No.	FZJ-MLM-XX-LG-DR-ST-00030				Rev	P3

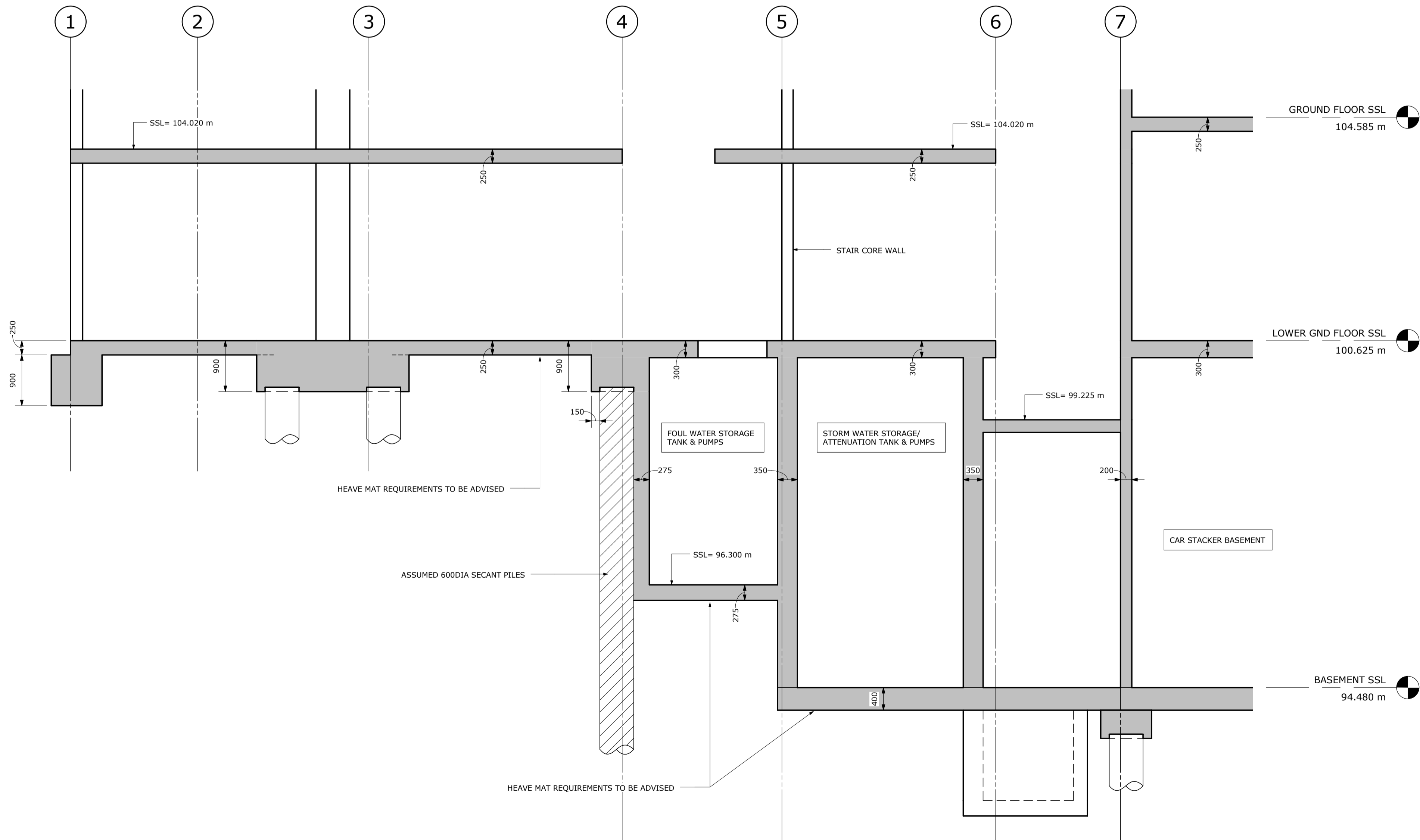
NOTES:

1. GENERAL NOTES

- 1.1 THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S, SERVICE ENGINEERS', SPECIALIST DRAWINGS AND THE SPECIFICATION. WHERE ANY DISCREPANCIES OR CONFLICTS OCCUR, ADVICE SHOULD BE SOUGHT FROM THE CONTRACT ADMINISTRATOR (CA) BEFORE COMMENCING WORK.
- 1.2 REFER TO THE CDM DESIGNERS HAZARD INFORMATION BOX ON THIS DRAWING FOR PARTICULAR HEALTH AND SAFETY RISKS SPECIFIC TO THIS PROJECT.
- 1.3 ALL DIMENSIONS ARE IN mm, ALL LEVELS ARE IN m.
- 1.4 THIS DRAWING IS NOT TO BE SCALED FOR CONSTRUCTION PURPOSES. ONLY WRITTEN OR CALCULATED DIMENSIONS AND LEVELS ARE TO BE USED. REFER TO THE ARCHITECT'S DRAWINGS FOR GENERAL SETTING OUT INFORMATION UNLESS NOTED OTHERWISE.
- 1.5 FOR ALL OTHER NOTES REFER TO DRAWINGS 00020, 00030 & 00200



SECTION B1-B1
1 : 50



SECTION B2-B2
1 : 50

CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATION 2015

DESIGNERS HAZARD INFORMATION FOR CONSTRUCTION

1. IF YOU DO NOT FULLY UNDERSTAND THE RISKS INVOLVED DURING THE CONSTRUCTION OF THE ITEMS INDICATED ON THIS DRAWING ASK YOUR MANAGER, HEALTH & SAFETY ADVISOR OR A MEMBER OF THE DESIGN TEAM BEFORE PROCEEDING.
2. **ASBESTOS**
THE CONTRACTOR SHOULD ENSURE THAT A TYPE 3 ASBESTOS SURVEY IS UNDERTAKEN PRIOR TO ANY DEMOLITION. ANY ASBESTOS IDENTIFIED SHOULD BE REMOVED IN A SAFE MANNER BY A SPECIALIST CONTRACTOR AND DISPOSED OF TO A SUITABLY LICENCED TIP.
3. **BURIED SERVICES**
THE CONTRACTOR SHOULD COLLATE ALL CURRENT SERVICES INFORMATION AND IS ADVISED TO UNDERTAKE HIS OWN ON-SITE SEARCHES/SURVEYS TO CHECK FOR ANY FURTHER SERVICES. ALL KNOWN SERVICES IDENTIFIED SHOULD BE RECORDED AND MARKED OUT ON SITE.
4. **GROUND CONTAMINATION**
HIGH STANDARDS OF PERSONAL HYGIENE ARE TO MAINTAINED AND ALL WORKERS SHOULD BE VIGILANT AND USE APPROPRIATE PPE. QUALIFIED ENVIRONMENTAL ENGINEERS ARE TO BE APPOINTED TO MONITOR AND TEST THE SOILS.
5. **DRILLING RIG STABILITY**
THE FILLING CONTRACTOR SHOULD CONSTRUCT A WORKING PLATFORM USING A SUFFICIENT THICKNESS OF COMPACTED CRUSHED CONCRETE OR SIMILAR MATERIAL DESIGNED TO SAFELY ACCOMMODATE THE LOADS GENERATED BY THE PROPOSED PLANT AND MACHINERY.
6. **EXCAVATION IN MADE GROUND**
THE SAFE BATTER ANGLES NOTED IN THE GEOTECHNICAL REPORT SHOULD NOT BE EXCEEDED. TEMPORARY SUPPORTS SHOULD BE PROVIDED FOR ANY OTHER EXCAVATION WITHIN MADE GROUND WHERE MAN ENTRY IS REQUIRED OR WHERE THE AVOIDANCE OF COLLAPSE IS IMPORTANT. PLANT SHOULD BE KEPT AWAY FROM EDGES OF ALL EXCAVATIONS.
7. **REINFORCEMENT**
PROJECTING VERTICAL REINFORCEMENT IS TO BE CAPPED AND CORDONED OFF WHERE POSSIBLE.

THE ABOVE NOTES REFER SPECIFICALLY TO THE INFORMATION SHOWN ON THIS DRAWING.
REFER TO THE HEALTH AND SAFETY PLAN FOR FURTHER INFORMATION.

Rev	Date	Description	Made	Checked
P1	11/03/2016	FIRST ISSUE	KJW	GDW

STAGE E

MLM
Multidisciplinary Consulting

North Kiln, Felaw Maltings, 46 Felaw Street, Ipswich, Suffolk, IP2 8PN
Tel: 01473 231100
Website: www.mlm.uk.com

Client
PEGASUS LIFE

Project
79 FITZJOHNS AVENUE, HAMPSTEAD

Drawing Title
BASEMENT/ FOUNDATION SECTIONS

Drawn/Design	KJW/ GDW	Date	MARCH 2016	Scales	As indicated @ A1
Checked	GDW	Approved	GDW	MLM Ref	581197

Drawing No. **FZJ- MLM- XX- SL- DR- ST- 00040** Rev **P1**