

GENERAL NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- FOR GENERAL NOTES REFER TO DRG No. 2020-CUR-NM110-XX-DR-S-200
- PROPOSED PILE ARRANGEMENT HAS NOT BEEN CO-ORDINATED WITH ANY BELOW GROUND OBSTRUCTIONS OR RELIC FOUNDATIONS. BELOW GROUND OBSTRUCTION AND RELIC FOUNDATION SURVEY REQUIRED FOR CO-ORDINATION.
- IF THERE ARE EXISTING PILES OR BELOW GROUND OBSTRUCTIONS PRESENT IN THE GROUND WHICH CLASH WITH THE PROPOSED PILE LOCATIONS THEN THE CURRENT PILE LAYOUT WILL NEED TO BE CHANGED AND AN ALLOWANCE FOR ADDITIONAL PILES SHOULD BE MADE TO BRIDGE OVER EXISTING OBSTRUCTIONS.
- THE RESPONSIBILITY FOR PILE DESIGN RESTS WITH THE CONTRACTOR.
- THE PILING CONTRACTOR SHALL SUPPLY A FULL METHOD STATEMENT FOR THE WORKS TO CURTAINS PILING SPECIFICATION FOR APPROVAL PRIOR TO COMMENCEMENT.
- ALL PILE CAPS ARE TO BE CENTRED BELOW COLUMNS UNO.
- REFER TO CURTAINS PILING SPECIFICATION.
- REFER TO THE SITE INVESTIGATION FACTUAL REPORT.
- PILES SHALL BE UNIFORMLY REINFORCED AROUND CIRCUMFERENCE.
- LATERAL RESTRAINT TO THE SINGLE PILE PILE CAPS REQUIRED IN EITHER ONE DIRECTION OR IN TWO ORTHOGONAL DIRECTIONS SUCH LATERAL RESTRAINT CAN BE PROVIDED USING ONE OF THE FOLLOWING ALTERNATIVE METHODS:
- BY PROVIDING R.C. GROUND BEAMS.
- BY PROVIDING ADDITIONAL PILES AS FOLLOWS: A TWO PILE PILE CAP SOLUTION RATHER THAN ONE SINGLE PILE PILE CAP SOLUTION IN LOCATIONS REQUIRING A SINGLE DIRECTION RESTRAINT. A THREE PILE PILE CAP SOLUTION RATHER THAN ONE PILE PILE CAP SOLUTION IN LOCATIONS REQUIRING DUAL RESTRAINT.
- THE MOMENTS AND HORIZONTAL FORCES CAUSED BY POSSIBLE ECCENTRICITIES INDUCED BY THE VARIATION OF PILE LOCATIONS WITHIN TOLERANCE BEING INCORPORATED INTO THE SINGLE PILE DESIGN BY THE SPECIALIST SUB-CONTRACTOR.

NB
REFER TO DRAWINGS 2101 & 2102 FOR SECTIONAL DETAILS

KEYPLAN

REV.	DESCRIPTION	DATE	DRW.	CHK.
C08	CONSTRUCTION RECORD	03.07.23	RP	KOB
C07	FOUNDATION SLAB ADDED, WINDPOST SUPPORT FOUNDATIONS ADDED.	30.11.22	DFK	KOB
C06	PILECAP BRG POSITION AT CL P17 AMENDED, ADDITIONAL BEAM ADDED TO RESTRAIN ROTATE PILECAP DIMENSIONS LEVELS ADDED	14.09.22	DFK	KOB
C05	GROUND BEAM & PILE CAPS ADDED, SETTING OUT ADDED, SERVICE TRENCHES UPDATED	12.08.22	SW	KOB
C04	PILE CAP LEVEL AMENDED	13.08.22	SW	KOB
C03	GROUND BEAM & PILE CAPS ADDED, SETTING OUT ADDED, SERVICE TRENCHES UPDATED	10.08.22	SW	KOB
C02	PILECAP SCHEDULE SIZES UPDATED, GROUND BEAM ADDED, SETTING-OUT AMENDED, WALL ADDED TO COORDINATE WITH ARCHITECTS	27.05.22	DFK	KOB
C01	PILES RELOCATED TO 600mm, PILES REDUCED UNDER CENTRAL PRECAST WALLS WITH INTRODUCTION OF GROUND BEAMS, GROUND BEAMS UNDER OFFICE RE-ALLOCATED TO PRECAST BEAMS	13.05.22	DFK	KOB



PROJECT: NMGH MSCP

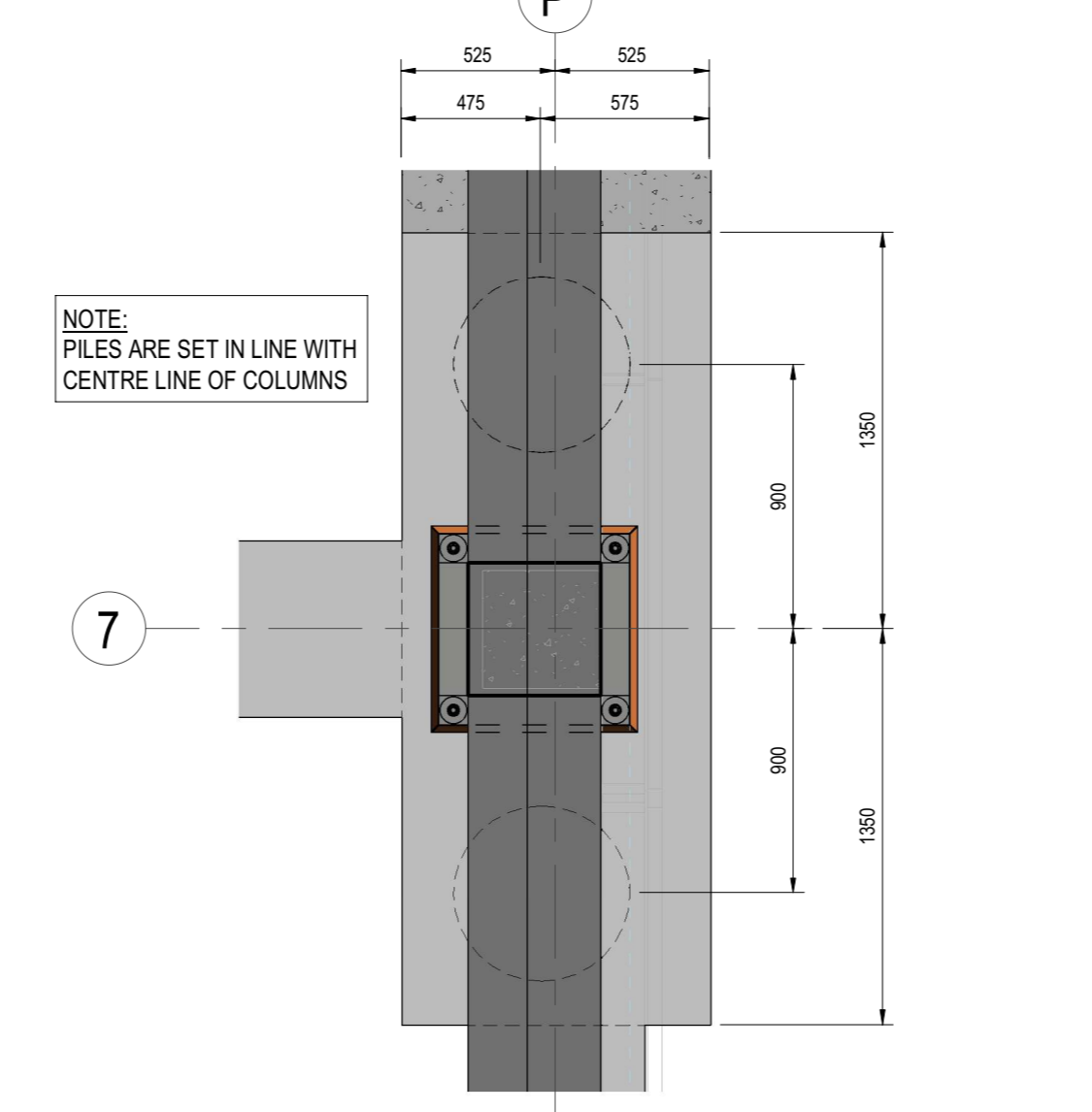
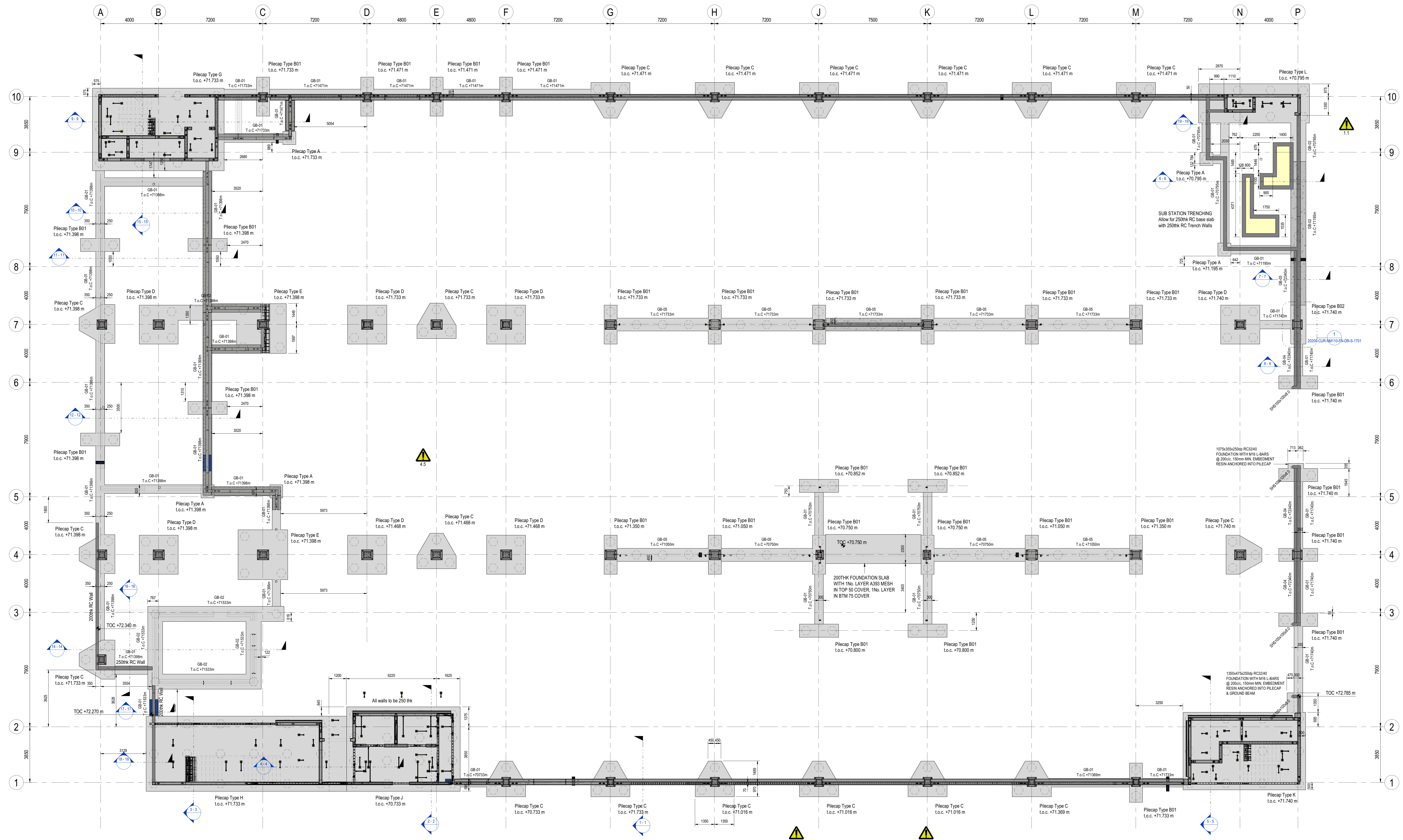
TITLE: General Arrangement to Foundations

STATUS	PURPOSE OF ISSUE
CR	CONSTRUCTION RECORD

DRAWN BY	CHECKED BY	DATE
DFK	KOB	13.05.22

SCALE (@A0)	PROJECT NUMBER
1:100	075805

FILE DRAWING NUMBER	REV.
20200-CUR-NM110-FN-DR-S-1701	C08



TYPICAL ECCENTRIC PILECAP 'B02' SETTING-OUT
SCALE: 1:25

RESIDUAL HAZARD REGISTER (RELATES TO CIVIL/STRUCTURAL MATTERS ONLY)
MUST BE READ IN CONJUNCTION WITH CURTAINS HAZARD REGISTER XXXXXX CUR-23-000-0001-10001
HAZARDS THAT SHOULD BE OBVIOUS TO A COMPETENT CONTRACTOR HAVE NOT BEEN INDICATED ON THIS DRAWING. SHOULD ANY ADDITIONAL HAZARDS BE IDENTIFIED, THE CONTRACTOR SHOULD NOTIFY ALL RELEVANT PROJECT TEAM MEMBERS.

HAZARD REF.	ITEM FEATURE, ELEMENT OR ACTIVITY	POTENTIAL HAZARD IDENTIFIED	ACTION
1.1	ENRANGING / HIGHWAYS WORKS	Works adjacent to highways	Collapsing of substructure basement walls adjacent to highway during demolition works.
2.0	SITE WIDE ISSUES	Buried services	Potential unexcavated buried services. Health and safety of operatives during excavation works, electrocution, gas explosion, damage to services, etc.
4.0	DEMOLITION OF EXISTING STRUCTURES/ SITE CLEARANCE	Damage to nearby buildings due to ground borne vibration from construction activities.	NMGH and Contractor to agree monitoring regime and permitted maximum vibration and noise levels.
9.0	CLIENT OPERATIONAL ISSUES AND RISKS	Work is located within an existing Acute Hospital Site. Interactions with public and staff health and safety in adjacent spaces and COVID19 safe working practices apply.	Method statement required by contractors for material management.

Pilecap Schedule

Pilecap Reference	Pilecap Size	Concrete Grade
Pilecap Type A	800 x 900 x 1200dp	C40/50
Pilecap Type B01	800 x 2700 x 1200dp	C40/50
Pilecap Type B02	1050 x 2700 x 1750dp	C40/50
Pilecap Type C	See Plan x 1200dp	C40/50
Pilecap Type D	2700 x 2700 x 1200dp	C40/50
Pilecap Type E	3450 x 3450 x 1200dp	C40/50
Pilecap Type G	905 x 565 x 1200dp	C40/50
Pilecap Type H	13845 x 5175 x 1200dp	C40/50
Pilecap Type J	See Plan x 1200dp	C40/50
Pilecap Type K	8450 x 5365 x 1200dp	C40/50
Pilecap Type L	750 x 2700 x 1200dp	C40/50

Concrete Ground Beam Schedule

Beam Reference	Beam Size	Concrete Grade
203 x 203 x 45 UC	UC203x203x45	
GB-01	600w x 600dp RC Beam	C32/40
GB-02	1050w x 1050dp RC Beam	C32/40
GB-03	450w x 1145dp RC Beam	C32/40
GB-04	450w x 600dp RC Beam	C32/40
GB-05	900w x 900dp RC Beam	C32/40