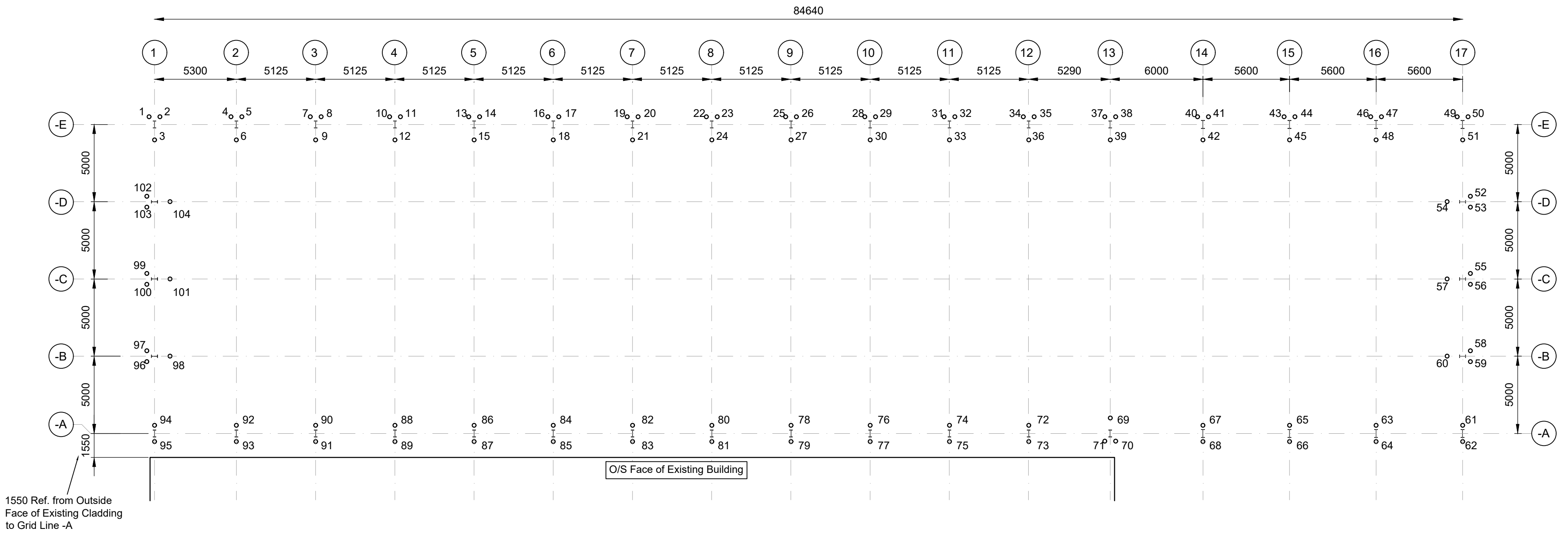
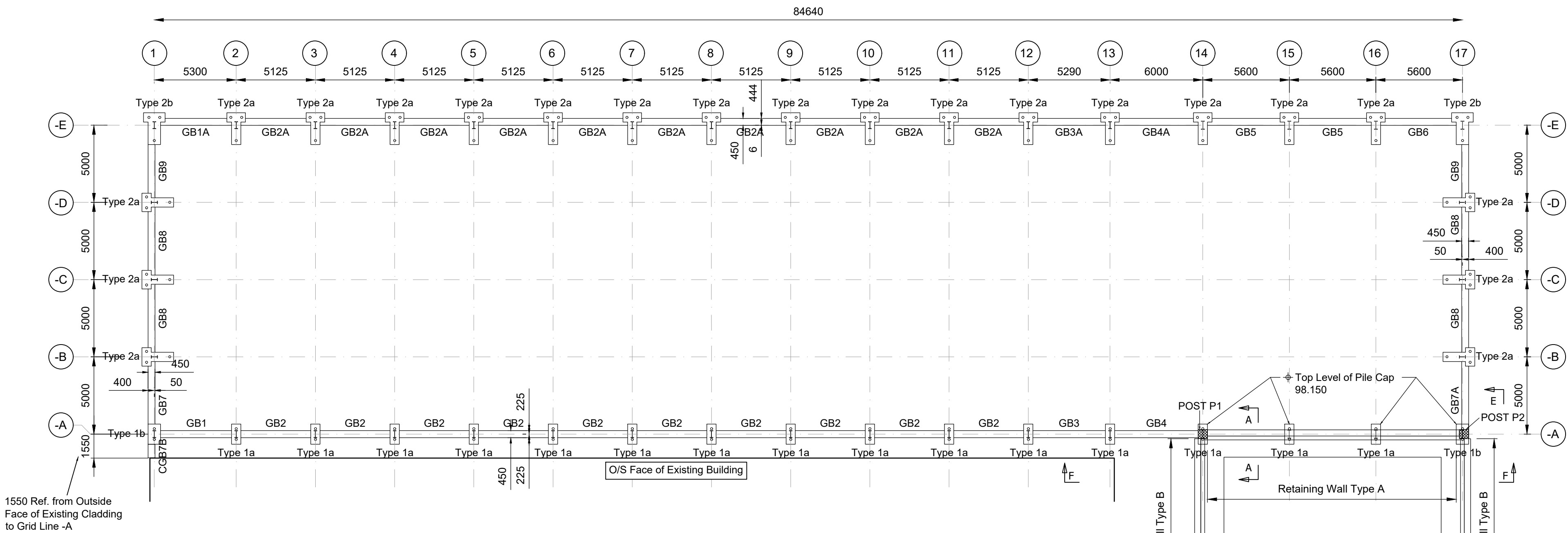




Proposed Pile Layout
Scale 1 : 200



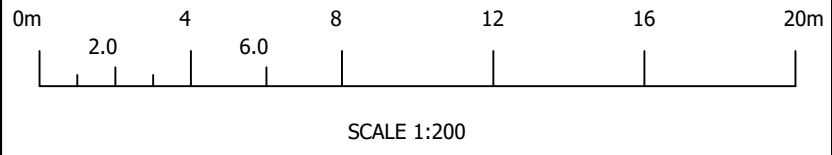
Proposed Foundation Layout
Scale 1 : 200

- Notes:
1. All ground beams to be 450mm (B) x 750mm(D), unless otherwise specified.
 2. All thickness of pile cap to be 750mm (D).
 3. All top level of pile cap to be +99.55m, unless otherwise specified.

TO BE READ IN
CONJUNCTION WITH
DRN NO. A8763-170

PILES TO HAVE AN
UNFACTORED SAFE
WORKING LOAD OF 125kN

- ### BUILDING REGULATIONS PURPOSES.
- Notes
- 1) Do Not Scale, if in Doubt Ask.
 - 2) To be Read in Conjunction With Other Drawings.
 - 3) All Concrete to be Placed in Accordance With The Recommendations of BS 8500.
 - 4) IF PILE CONCRETE IS IN DIRECT CONTACT WITH SOIL THEN USE SULPHATE RESISTANT CONCRETE, GRADE DS-3 / AC-5. Maximum cementitious content 350kg/m³.
 - 5) Should Air Temperature Fall to 5°C or Less or Rise to 30°C or More During Construction, Special Precautions Are to be Taken, All to The Approval of the Engineer.
 - 6) Bottoms of Excavations And Surrounding Site Shall be Kept Free From Water.
 - 7) Bottoms of Excavations Shall be Trimmed Levelled and Protected From Deterioration.
 - 8) The Contractor is Responsible And Liable For Ensuring The Stability of The Works, Services And Adjacent Structures at all Stages of Construction. The Design of all Temporary Works Shall be The Contractors Responsibility.
 - 9) If Formwork is Not to be Used The Contractor is to Ensure That Any Oversizing of The Foundation Does Not Cause a Clash With Any Other Part of The Structure or Services.
 - 10) Foundation Formation level to be Inspected and Approved by Building Inspector Prior to Casting of Concrete.
 - 11) Contractor to locate and mark position of any existing foundations / buried obstructions and service prior to commencement of excavation.



GENERAL NOTES

- 1) DO NOT SCALE, IF IN DOUBT ASK.
- 2) TO BE READ IN CONJUNCTION WITH THE ARCHITECTS DRAWINGS
- 3) ALL CONCRETE TO BE PLACED IN ACCORDANCE WITH THE RECOMMENDATIONS OF BS 8110 : PART 1 : 1997.
- 4) USE MIN DS-3 AC-5 SULPHATE RESISTANT CONCRETE FOR FOUNDATIONS. MIN GRADE C35.
- 5) GROUTING OF COLUMN BASES - UNLESS SPECIFICALLY STATED, GROUTING OF COLUMN BASES SHOULD BE FILLED AS FOLLOWS:
COMPLETELY FILL BOLT POCKETS WITH NEAT CEMENT SLURRY & THE SPACE BENEATH COLUMN BASE PLATES WITH GROUT OR MORTAR AS PER THE GUIDELINES BELOW:
~ SPACES 25-50mm DEEP - MORTAR OF 1:1 CEMENT/SAND, JUST FLUID ENOUGH TO POUR & WELL TAMPED AS FILLING PROCEEDS.
~ SPACES 50-80mm DEEP - DAMP MOTAR OF 1:2 CEMENT/SAND, WELL TAMPED AGAINST PROPERLY FIXED SUPPORTS AS FILLING PROCEEDS.
~ CEMENT - PORTLAND CEMENT TO BS12, CLASS 42.5N OR CLASS 52.5N.
~ SAND - TO BS882, GRADING LIMIT 'M'.
- 6) ENCASED STEELWORK - WHERE BURIED, ENCASED IN CONCRETE BELOW SLAB LEVEL OR WHOLLY OR PARTIALLY EMBEDDED WITHIN EXTERNAL CAVITY WALL, STEELWORK SHOULD BE GIVEN 2 COATS OF R.I.W. LIQUID ASPHALTIC COMPOUND ON ALL SIDES THAT ARE ENCASED OR EMBEDDED.
- 7) SHOULD AIR TEMPERATURE FALL TO 5°C OR LESS OR RISE TO 30°C OR MORE DURING CONSTRUCTION, SPECIAL PRECAUTIONS ARE TO BE TAKEN, ALL TO THE APPROVAL OF THE ENGINEER.
- 8) BOTTOMS OF EXCAVATIONS AND SURROUNDING SITE SHALL BE KEPT FREE FROM WATER.
- 9) BOTTOMS OF EXCAVATIONS SHALL BE TRIMMED LEVELLED AND PROTECTED FROM DETERIORATION.
- 10) THE CONTRACTOR IS RESPONSIBLE AND LIABLE FOR ENSURING THE STABILITY OF THE WORKS, SERVICES AND ADJACENT STRUCTURES AT ALL STAGES OF CONSTRUCTION. THE DESIGN OF ALL TEMPORARY WORKS SHALL BE THE CONTRACTORS RESPONSIBILITY.
- 11) IF FORMWORK IS NOT TO BE USED THE CONTRACTOR IS TO ENSURE THAT ANY OVERSIZING OF THE FOUNDATION DOES NOT CAUSE A CLASH WITH ANY OTHER PART OF THE STRUCTURE OR SERVICES