

GENERAL NOTES:-

- A1. THIS DRAWING IS COPYRIGHT AND SHOULD NOT BE REPRODUCED WITHOUT APPROVAL.
- A2. NO DIMENSIONS TO BE SCALED.
- A3. ALL DIMENSIONS TO BE CHECKED ON SITE. ANY DISCREPANCIES TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- A4. THE DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SERVICE ENGINEER AND STRUCTURAL/CIVIL ENGINEERS DRAWINGS AND SPECIFICATIONS.
- A5. ALL LEVELS ARE IN METRES AND RELATE TO ORDNANCE DATUM (NEWLYN).
FFL – DENOTES FINISHED FLOOR LEVEL.
SSL – DENOTES STRUCTURAL SLAB LEVEL.
TOC – DENOTES TOP OF CONCRETE LEVEL.

PILING/SUBSTRUCTURE NOTES:-

- B1. ALL PILES TO BE DESIGNED, CONSTRUCTED AND TESTED BY THE PILING SUBCONTRACTOR IN ACCORDANCE WITH THE PARTICULAR SPECIFICATION FOR PILING WORKS.
- B2. PILE DIAMETERS SHOWN ARE 450mm DIAMETER AND SHOULD NOT BE ALTERED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER AS PILES HAVE BEEN SET OUT AND PILE CAPS DETAILED ON THE BASIS OF THE PILE DIAMETERS INDICATED.
- B3. CONCRETE FOR THE PILES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS FOR CLASS DS-3/AC-3 CONDITIONS OF EXPOSURE AS CLASSIFIED IN BRE SPECIAL DIGEST 1.
- B4. SUFFICIENT REINFORCEMENT LENGTH ABOVE PILE CUT OFF LEVEL TO BE PROVIDED TO ENSURE SUFFICIENT CONTINUITY OF LOAD PATH INTO THE PILE CAPS FOR ALL LOAD CASES.
- B5. ALL SETTING OUT DIMENSIONS ARE TO CENTRE LINE OF PILES UNLESS NOTED OTHERWISE.
- B6. THE LOAD CAPACITIES SHOWN ARE UNFACTORED WORKING LOADS AND DO NOT INCLUDE FOR DOWN DRAG DUE TO NEGATIVE SKIN FRICTION OR THE SELF WEIGHT OF THE PILE. THE PILING SUBCONTRACTOR SHALL MAKE DUE ALLOWANCE WITHIN HIS DESIGN FOR THE SELF WEIGHT OF THE PILE AND THE EFFECTS OF NEGATIVE SKIN FRICTION.
- B7. ALL PILES SHALL BE DESIGNED TO RESIST A NOMINAL MOMENT EQUAL TO THE PILE CAPACITY MULTIPLIED BY AN ECCENTRICITY OF 75mm.

GROUND FLOOR SLAB NOTES:-

- C1. ALL CONCRETE FOR SUBSTRUCTURE TO BE GRADE C32/40 IN ACCORDANCE WITH THE REQUIREMENTS FOR CLASS DS-2/AC-2 CONDITIONS OF EXPOSURE AS CLASSIFIED IN BRE SPECIAL DIGEST 1.
- C2. ALL STRUCTURAL CONCRETE TO BE CAST AGAINST FORMWORK OR ON 50mm BLINDING CONCRETE OR 1200 GAUGE PLASTIC SHEETS.
- C3. FORMED SURFACES – THE IRREGULARITIES IN THE FINISH SHALL BE NO GREATER THAN THOSE OBTAINED FROM THE USE OF THE WROUGHT THICKNESS SQUARE EDGE BOARDS ARRANGED IN A UNIFORM PATTERN. THE FINISH IS INTENDED TO BE LEFT AS STRUCK BUT IMPERFECTIONS SUCH AS FINS AND SURFACE DISCOLOURATION SHALL BE MADE GOOD TO THE APPROVAL OF THE ENGINEER.
- C4. UNFORMED SURFACES (AT GROUND FLOOR SLAB LEVEL) – TO BE POWER FLOAT FINISHED TO COMPLY WITH ALLOWABLE VALUES OF THE PROPERTIES OF FLATNESS FOR FREE MOVEMENT AREAS FOR FLOOR CLASSIFICATION FM2 (CATAGORY 2) AS DEFINED IN CONCRETE SOCIETY TECHNICAL REPORT No 34.
- C5. GROUND FLOOR SLABS TO PROVIDE CLASS AR3 ABRASION RESISTANCE IN ACCORDANCE WITH BS 8204 : PART 2 CODE OF PRACTICE FOR CONCRETE WEARING SURFACES.
- C6. HOLDING DOWN BOLTS FOR STANCHIONS TO BE SUPPLIED BY STEELWORK SUB-CONTRACTOR

PRELIMINARY

P2	PRELIMINARY		HDL/05.17	HDL/05.17
P1	PRELIMINARY		HDL/04.17	HDL/04.17
Version	Amendment		Revised by and date	Checked by and date
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