

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.

RIVER WALL NOTES:-

- R1. THE STEEL SHEET PILES SHALL BE ACCELOR RPS, AS PRODUCED BY ACCELOR OR SIMILAR APPROVED IN NEW CONDITION AND SHALL BE OF THE SECTIONS, NUMBERS AND LENGTHS SPECIFIED ON THE DRAWINGS COMPLETE WITH ALL NECESSARY CORNERS, JUNCTIONS AND SPECIAL PILES AS INDICATED.
- R2. THE QUALITY OF THE STEEL SHALL CONFORM TO:-
 - EN 10248:1995 GRADE S430GP (SHEET PILES)
 - BS EN 10025:1993 GRADE S355
- R3. COATING PROTECTION:

STEEL SHEET PILES & ALL OTHER STEELWORK COATING PROTECTION SHALL BE LIGHT SHOT BLAST THEN APPLICATION OF TAR VINYL (AN AROMATIC PITCH MODIFIED WITH SUITABLE VINYL RESINS) IN COAT THICKNESS OF 150 MICRONS. [BRITISH STEEL DESIGNATION PC1].

DUE CARE AND ATTENTION SHALL BE GIVEN TO THE OFFLOADING, STORING AND INSTALLATION OF PROTECTED PILES TO PREVENT DAMAGE TO COATINGS.

ANY REMEDIAL WORK TO COATINGS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND TO THE SATISFACTION OF THE ENGINEER.
- R4. BEFORE THE COMMENCEMENT OF ANY PILING WORKS, THE CONTRACTOR SHALL SUBMIT (ALLOWING SUFFICIENT TIME FOR CONSIDERATION) TO THE ENGINEER FOR APPROVAL A SAFETY POLICY AND A METHOD STATEMENT.
- R5. ALL PILES SHALL BE STACKED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS. THE CONTRACTOR SHALL ENSURE THAT OPERATIONS INVOLVING LOADING, TRANSPORTING, OFFLOADING, HANDLING, STACKING AND PITCHING THE PILES, ARE CARRIED OUT IN SUCH A MANNER AS TO PREVENT DAMAGE TO THE PILES OR THEIR COATING.

THE SELECTION OF THE DRIVING AND EXTRACTING PLANT SHALL BE MADE HAVING DUE REGARD TO THE GROUND CONDITIONS AND PILE TYPE. THE ENGINEER SHALL BE NOTIFIED OF THE CONTRACTORS INTENTION TO PITCH AND DRIVE PILES AT LEAST 24 HOURS PRIOR TO COMMENCEMENT OF THE INSTALLATION WORKS. PRIOR TO INTERLOCKING SHEET PILES THE CONTRACTOR SHALL ENSURE THAT THE LOCKS ARE UNDAMAGED CLEAN AND FREE FROM DELETERIOUS MATERIALS.

- R6. THE FOLLOWING TOLERANCES ARE TO BE ADAPTED:-
 - DEVIATION PERPENDICULAR TO THEORETICAL LINE +/- 50mm.
 - DEVIATION OF VERTICALITY NORMAL TO AND ALONG THE LINE OF THE PILES, 1 IN 100.
 - TOP OF FINISHED PILE LEVEL +/- 20mm.
- R7. THE CONTRACTOR SHALL KEEP COMPLETE AND ACCURATE PILING RECORDS. TWO SIGNED COPIES OF THESE RECORDS SHALL BE SUBMITTED TO THE ENGINEER NOT MORE THAN 48 HOURS FROM THE DATE OF THE WORKS DETAILED THEREIN. THE PILE RECORDS SHALL ALWAYS BE SUBMITTED WITH SUFFICIENT TIME FOR THE ENGINEERS APPROVAL PRIOR TO THE PILES BECOMING INACCESSIBLE DUE TO FURTHER OPERATIONS.
- R8. NO CUTTING OR WELDING OF PILES SHALL BE CARRIED OUT WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER. ALL SUCH CUTTING SHALL BE CARRIED OUT BY MEANS OF OXYACETYLENE, OXYPROPANE OR OTHER APPROVED METHOD. THE REMAINING PILE SHALL BE OF CLEAN AND EVEN APPEARANCE WITH GRINDING TOOLS BEING EMPLOYED TO REMOVE SPLATTER. CUT OFFS SHALL BE MARKED SO THAT IT IS CLEAR FROM WHICH PILE THEY CAME AND AFTER AGREEMENT FROM THE ENGINEER WILL BE DISPOSED OF IN THE PRE AGREED MANNER. CUTTING MUST BE CARRIED OUT IN SUCH A WAY AS TO PREVENT DAMAGE OR DISTORTION TO ADJACENT PILES. THE FINISHED LEVEL OF THE CUT PILE SHALL BE WITHIN 20mm OF THE THEORETICAL LEVEL.

CONCRETE NOTES:-

- B1. ALL CONCRETE TO BE GRADE C40/50 IN ACCORDANCE WITH CLASS DS-3 CONDITIONS OF EXPOSURE AS CLASSIFIED IN BRE SPECIAL DIGEST 1.
- B2. ALL STRUCTURAL CONCRETE TO BE CAST AGAINST FORMWORK OR ON 50mm BLINDING CONCRETE.
- B3. 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.
- B4. UNFORMED SURFACES – AFTER THE CONCRETE HAS HARDENED SUFFICIENTLY THE UNFORMED SURFACE SHALL BE FLOATED BY HAND TO PRODUCE A UNIFORM SURFACE FREE FROM SCREED MARKS.
- B5. 50mm COVER MIN TO ALL REINFORCEMENT
- B6. 25 x 25mm CHAMFER TO ALL EXPOSED CONCRETE CORNERS

PRELIMINARY

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Consulting Civil
and
Structural Engineers

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