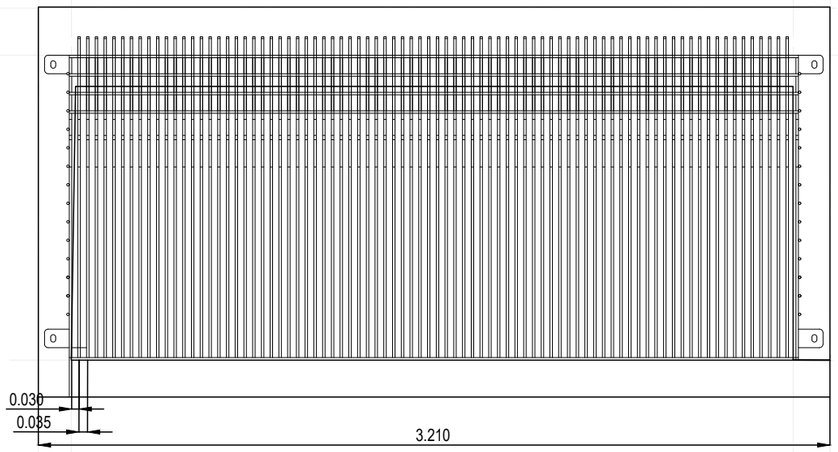
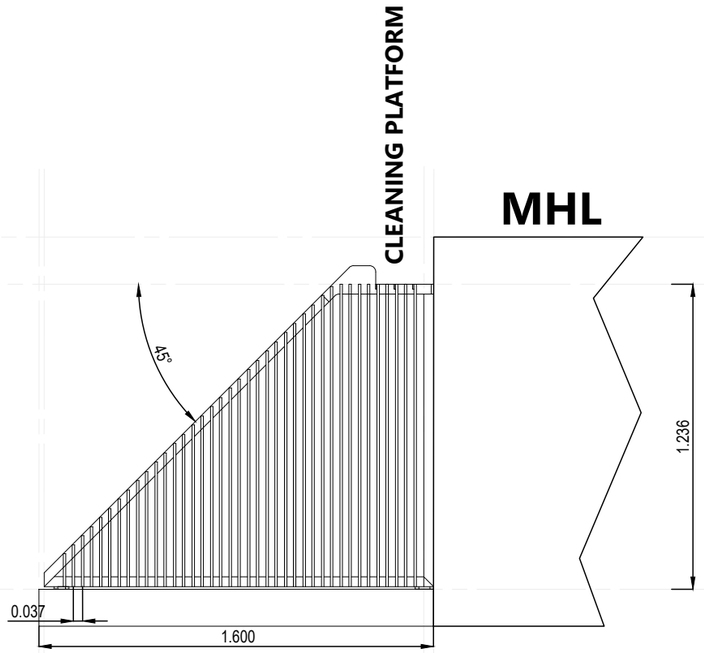
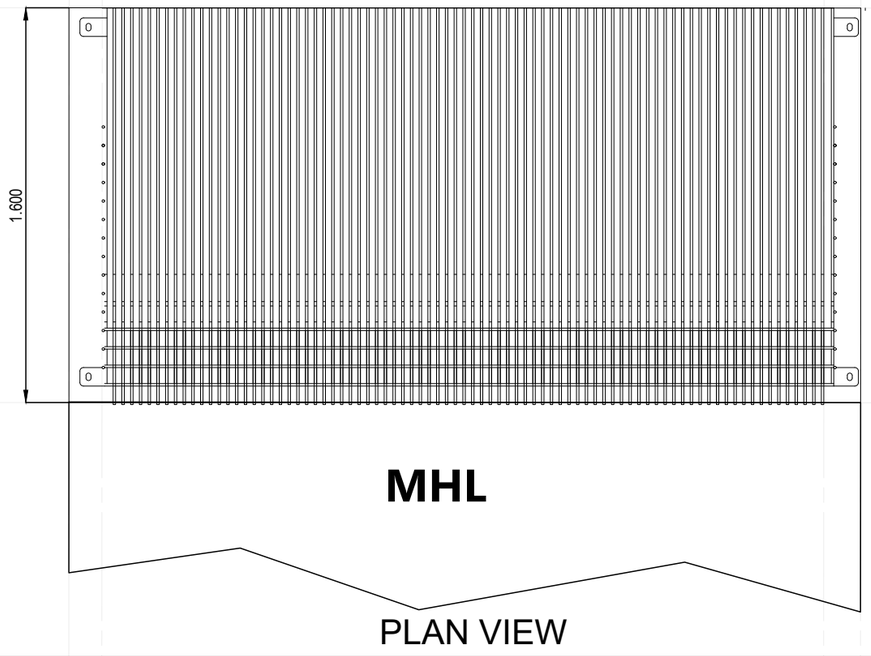


FRONT VIEW

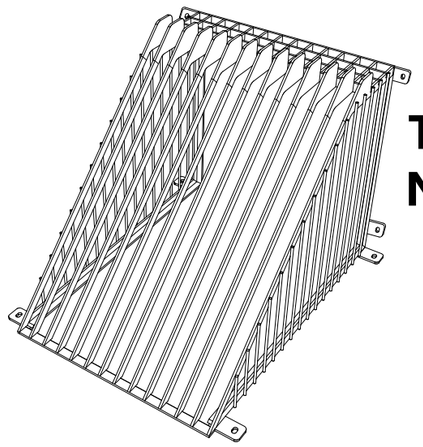


SIDE VIEW



PLAN VIEW

TRASH SCREEN SECTIONS



TYPICAL 3D NOT TO SIZE

GENERAL:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTS/ENGINEERS/SPECIALISTS DRAWINGS AND SPECIFICATIONS. DRAWINGS ARE NOT TO BE SCALED.
2. THE CONTRACTOR IS TO BE FULLY EXPERIENCED AND ACQUAINTED WITH ALL ASPECTS OF ALL STRUCTURAL WORK INCLUDED IN THIS PROJECT.
3. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECTS/ENGINEERS BY THE CONTRACTOR WITHOUT DELAY.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL TEMPORARY SUPPORT REQUIREMENTS ASSOCIATED WITH THE CONSTRUCTION TECHNIQUES AND METHODOLOGY THAT IS TO BE ADOPTED FOR THE FULL DURATION OF THE WORK.
5. FOR DETAILS OF ALL FINISH THICKNESS (SCREED ETC) AND INSULATION REQUIREMENTS THAT ARE TO BE PLACED ON CONCRETE SURFACES. REFER TO ARCHITECTS DRAWINGS AND SPECIFICATIONS.
6. PROTECTION AGAINST DAMAGE DUE TO WORKING IN COLD WEATHER SHALL ACCORD WITH THE RELEVANT EUROCODES AND CODE OF PRACTICE.
7. ANY COSTS AS A RESULT OF OVER EXCAVATION AND NECESSARY FILLING SHALL BE BOURN BY THE CONTRACTOR.
8. ALL DIMENSIONS ARE TO BE VERIFIED AND CONFIRMED BY CONTRACTOR PRIOR TO CONSTRUCTION.
9. ALL PROPRIETARY ELEMENTS TO BE CONSTRUCTED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATION.

TRADITIONAL FOUNDATIONS

1. THE BASE SPECIFICATION FOR FOUNDATION WORKS SHALL BE BS 8004 'BRITISH STANDARD CODE OF PRACTICE FOR FOUNDATIONS'
2. ALL OBSTRUCTIONS, OLD FOUNDATIONS, DISUSED SEWERS STC SHALL BE REMOVED FOR THE EXTENT OF THE FOUNDATION WORKS AND BACKFILLED WITH TYPE 1 OR ENGINEERED FILL.
3. ALL STRIP FOOTINGS ARE TO BE SET OUT SYMMETRICALLY ABOUT THE CENTRELINES OF SUPPORTED WALLS UNLESS NOTED OTHERWISE. (REFER TO RELEVANT ARCHITECTS DRAWINGS).
4. PRIOR TO CONCRETING, FORMATION LEVEL TO BE INSPECTED AND APPROVED BY THE ENGINEER.
5. ALL BLOCKS BELOW DPC TO HAVE A MINIMUM STRENGTH OF 7.3N/MM² AND A MINIMUM DENSITY OF 1900 KG/M .
6. THE FOLLOWING CONCRETE MIXES ARE TO BE USED UNLESS NOTED OTHERWISE (ALL IN ACCORDANCE WITH BS5328):
   - STRIP FOOTING AND SLABS - C25/30
   - LEAN MIX CONCRETE - GEN3
   - REINFORCED CONCRETE - C35A
   - BURIED CONCRETE TO CONFORM TO ACEC CLASS AC1 AND SULPHATE CLASS DS-1 IN ACCORDANCE WITH THE BRE SPECIAL DIGEST 2005
7. UNLESS FOUNDATION FORMATIONS ARE CONCRETED IMMEDIATELY THEN 50MM MINIMUM OF BLINDING CONCRETE SHALL BE PROVIDED.
8. ALL FORMATIONS TO IN-SITU REINFORCED CONCRETE FOUNDATIONS ARE TO BE CONCRETE BLINDED.
9. THE BLINDING DEPTH SHALL NOT BE REGARDED AS PART OF THE DESIGNED FOUNDATION DEPTH AS NOTED ON THE DRAWINGS.
10. ALL COMPACTION TO BE CARRIED OUT IN ACCORDANCE WITH THE DOT SPECIFICATION.

STRUCTURTAL STEEL WORK:

1. ALL MATERIALS AND WORKMANSHIP MUST BE IN ACCORDANCE WITH THE NATIONAL STRUCTURAL STEELWORK SPECIFICATION (N.S.S.S)
2. STRUCTURAL STEEL WORK SECTIONS ARE TO BE GRADE S275 MILD STEEL IN ACCORDANCE WITH BS EN 1993 + UK NA.
3. CONTRACTOR MUST VERIFY ALL DIMS ON SITE PRIOR TO COMMENCING ANY WORK. NO DIMS TO BE SCALED FROM ENGINEERS DRAWINGS
4. ALL STEELWORK TO BE SHOT BLAST CLEANED TO MINIMUM OF SA2.5 STANDARD PRIOR TO PAINTING WITH HIGH BUILD ZINC PHOSPHATE ALKYD PRIMER OF 150 MICRONS THICK AS SOON AS PRACTICABLE BUT NOT MORE THAN 4 HOURS AFTER CLEANING. RED OXIDE IS NOT ACCEPTABLE.
5. FIRE PROTECTION TO UNCASED STEELWORK TO BE IN ACCORDANCE WITH BUILDING REGS AND MIN 30MINS.
6. FOLLOWING ERECTION, ANY DAMAGE TO PAINTWORK TO BE TOUCHED UP WITH COMPATIBLE COATING ON SITE.
7. SITE MEASUREMENTS TO BE TAKEN AND COMPARED WITH ARCHITECT'S DIMENSIONS AND LEVELS AND AGREED PRIOR TO FABRICATION.
8. THE MINIMUM SPECIFICATION FOR BOLTS SHALL BE GR 8.8 AND ZINC PLATED.
9. BASEPLATE AND HOLDING DOWN BOLTS TO BE DESIGNED AND DETAILED BY THE STEELWORK CONTRACTOR UNLESS NOTED OTHERWISE.
10. HOLDING DOWN BOLTS AND WASHER PLATES ARE TO BE SUPPLIED BY THE STEELWORK CONTRACTOR UNLESS NOTED OTHERWISE.
11. ALL WELDS TO BE 6MM CONTINUOUS FILLET WELDS UNLESS NOTED OTHERWISE.
12. ALL PLAN DIMENSIONS ARE SHOWN TO CENTRELINES OF BEAMS/COLUMNS UNLESS NOTED OTHERWISE.
13. ALL LEVELS INDICATED ARE TO THE TOPS OF BEAMS/COLUMNS UNLESS NOTED OTHERWISE.
14. FOR DETAILS OF FIRE PROTECTION TO STEELWORK REFER TO ARCHITECTS DRAWINGS.
15. ALL STEELWORK BELOW GROUND LEVEL TO BE ENCASED WITH MINIMUM 40MM CONCRETE (GRADE AS FOR FOUNDATIONS) AND WITH D49 WRAPPING FABRIC.
16. DESIGN OF ALL TEMPORARY WORKS, PROPPING AND BRACING SHALL BE THE RESPONSIBILITY OF THE STEELWORK CONTRACTOR.
17. THE CONTRACTOR SHALL NOT FORM ANY HOLES THROUGH STEEL MEMBERS OTHER THAN THOSE FOR CONNECTIONS WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.
18. WHERE DISIMILAR STEELS ARE TO BE CONNECTED A SUITABLE ISOLATING MATERIAL SHALL BE INCORPORATED.
19. ALL HIPS AND VALLEYS TO HAVE 2 NO. 70X70 CLEADER ANGLES UNLESS NOTED OTHERWISE.
20. UNLESS OTHERWISE NOTED IN THE PROJECT SPECIFICATION, PROTECTION TREATMENT OF STEELWORK SHALL BE IN ACCORDANCE WITH BRITISH STEELS 'PREVENTION OF CORROSION OF STRUCTURAL STEELWORK' APPROPRIATE SYSTEM. A MINIMUM STRUCTURAL LIFE OF 50 YEARS AND A FIRST MAJOR MAINTENANCE OF 25 YEARS IS TO BE ASSUMED.
21. ALL STEELWORK TO BE ENCASED (EITHER BURIED, ENCASED IN CONCRETE BELOW SLAB LEVEL OR WHOLLY OR PARTIALLY EMBEDDED WITHIN THE EXTERNAL CAVITY WALLS) TO BE GIVEN TWO COATS OF R.I.W. 'LIQUID ASPHALT COMPOUND' ON ALL SIDES THAT ARE TO BE ENCASED OR EMBEDDED BY THE MAIN CONTRACTOR.
22. ALL EXTERNAL STEELWORK TO BE HOT DIPPED GALVANISED TO BS 729 (1971) WITH A MINIMUM OF 140 MICRONS.
23. WHERE THE STEELWORK SUBCONTRACTOR DEEMS IT TO USE STEEL MEMBERS OF A HIGHER SPECIFICATION THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS SO AS TO FACILITATE CONNECTIONS OR OTHERWISE THEN ANY EXTRA COST INCURRED WILL BE AT THEIR OWN CONSEQUENCE.

Notes:

0mm 25mm A3 original sheet size

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NOTE 1:
ALL HOT DIPPED GALVANISED POSTS DRIVEN IN POND BED WITH EMBEDMENT OF MIN 2.5m
1.2m OF TREATED TIMBER SLATS 100X200mm PLACE TO ACHIVE WATER LEVEL HEIGHTS AT WALLS
LOADING OF 5kN/m² RESISTANCE TO WATER LEVEL.

NOTE 2
LEVELS HAVE BEEN SET TO 150mm ABOVE EXISTING TO ALLOW FOR MORE CONSTANT WATER FLOW AND 3 OVERFLOW POINTS TO IMPROVE ON WATER AIRATION TO THE LOWER POND AREA.

KEY:
NEW CONCRETE WEIR WITH SLOPED TOP TO ALLOW FOR WATER FEATURE. SLAB 150mm C35 WITH 1LAYERS OF A393 REF MESH

UB 178x102x19

PFC 200x90x30

By	Date	By	Ch	Revisions
P1	23/09/2026	MO	AS	FOR INFORMATION

Client: Alton Town Council

Project: 4530D King's Pond
Alton
GU34 2TA

Drawing Title: Water flow Feasibility
Pond Outlet
Trash Screen

Drawing Status: FOR INFORMATION

Scale	Date	Design By	Drawn By	Checked
AS NOTED	Sep' 26	AS	MO	AS

Job No:	Drawing No.	Rev.
106161	S105	P1

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