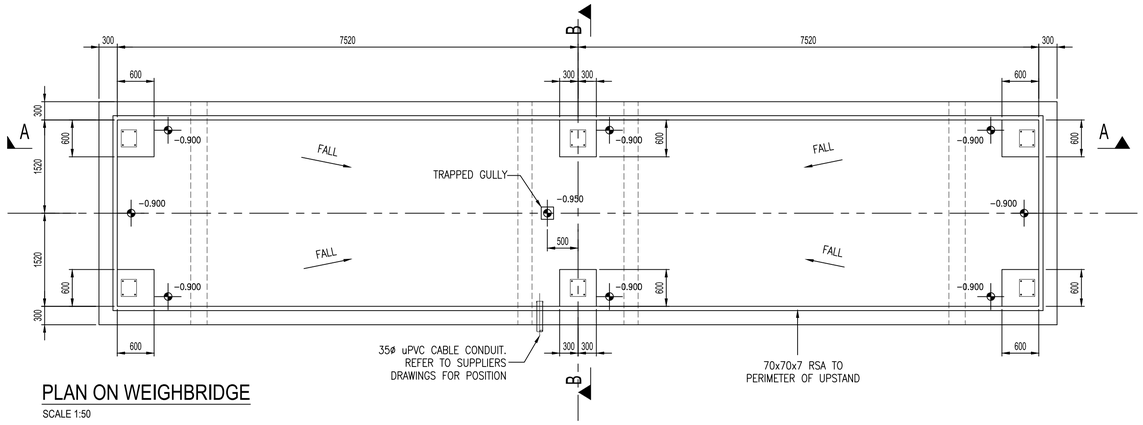
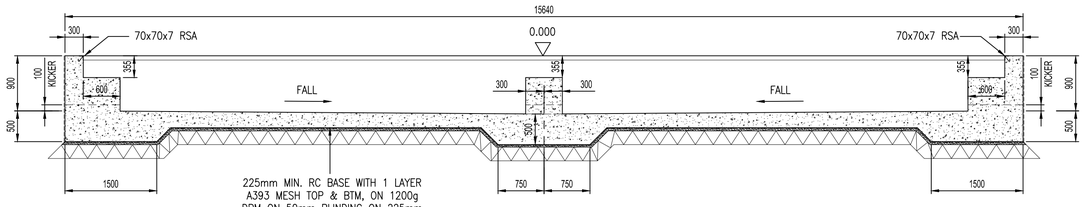


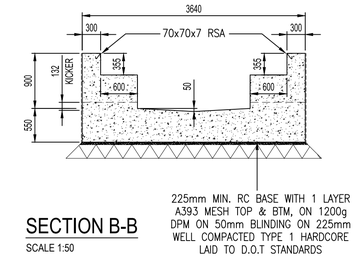
PLAN ON WEIGHBRIDGE

SCALE 1:50



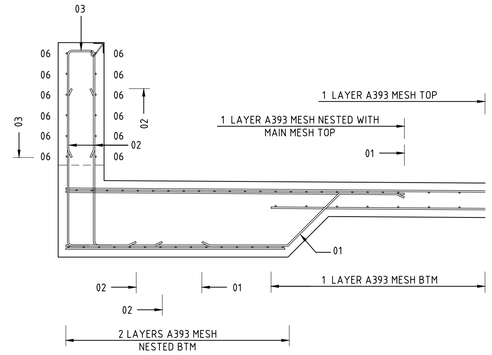
SECTION A-A

SCALE 1:50



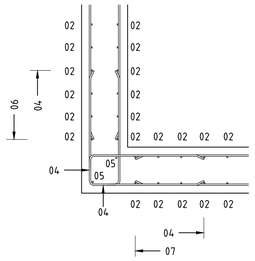
SECTION B-B

SCALE 1:50



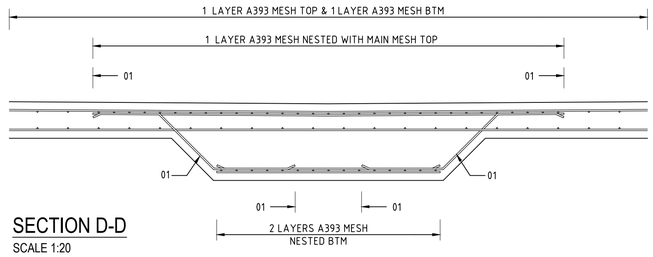
SECTION C-C

SCALE 1:20



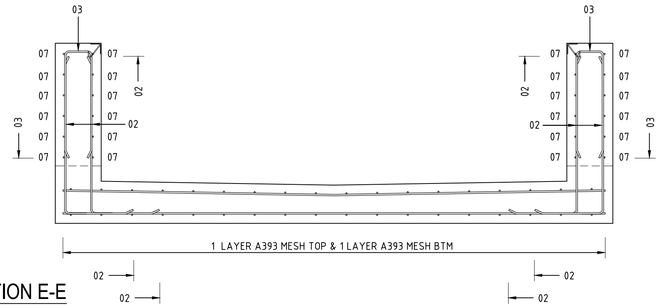
WALL CORNER DETAIL

SCALE 1:20



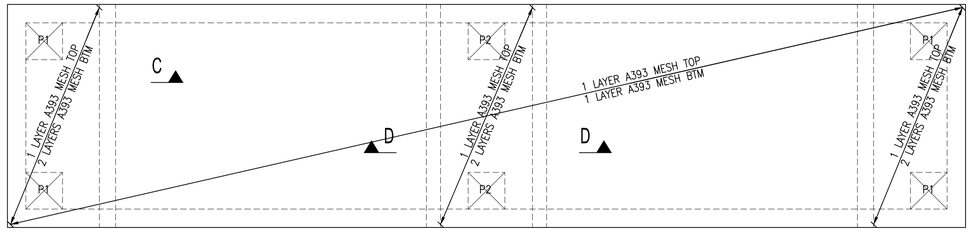
SECTION D-D

SCALE 1:20



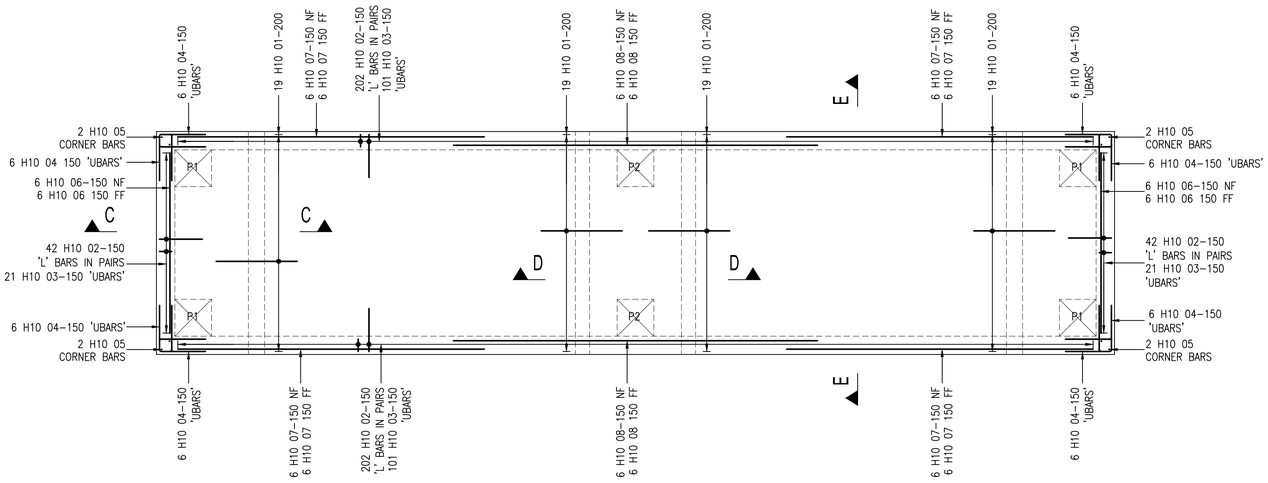
SECTION E-E

SCALE 1:20



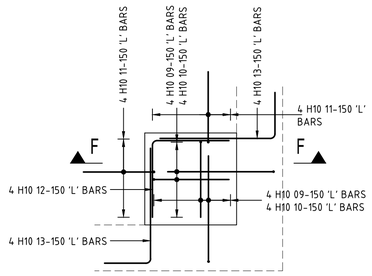
REINFORCEMENT PLAN ON BASE - MESH

SCALE 1:50



REINFORCEMENT PLAN ON BASE - LOOSE BAR

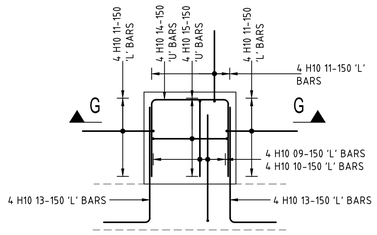
SCALE 1:50



PLAN ON CORNER PLINTH (P1)

4 No. REQ.

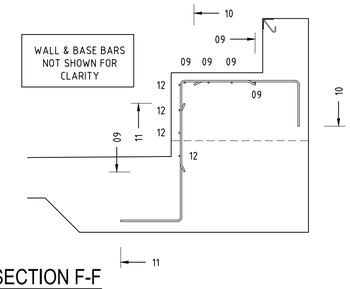
SCALE 1:20



PLAN ON CENTRAL PLINTH (P2)

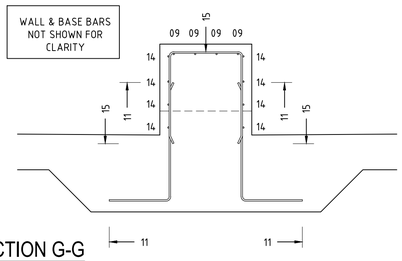
2 No. REQ.

SCALE 1:20



SECTION F-F

SCALE 1:20



SECTION G-G

SCALE 1:20

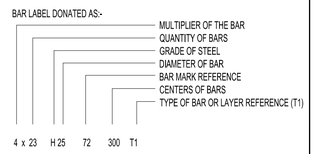
NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES. ALL LEVELS ARE IN METRES.
2. DO NOTE SCALE FROM THIS DRAWING, USE FIGURED DIMENSIONS ONLY.
3. THIS DRAWING TO BE READ IN CONJUNCTION WITH THE LATEST ENGINEERS DRAWINGS & SPECIFICATIONS.

REINFORCED CONCRETE NOTES

1. ALL CONCRETE TO BE IN ACCORDANCE WITH BS8500-2:2006.
2. BLINDING CONCRETE TO BE GEN1 AND MASS CONCRETE TO BE GEN3.
3. REINFORCED CONCRETE TO SLABS TO BE:-
   - 3.1. DESIGNED MIX CONFORMING TO:-
     - 3.1.1. MINIMUM CONCRETE STRENGTH C28/35
     - 3.1.2. CONCRETE TO BE AIR ENTRAINED
     - 3.1.3. CONCRETE COVER TO BE 50mm
     - 3.1.4. MAX. AGGREGATE SIZE 20mm
     - 3.1.5. WATER/CEMENT RATIO 0.40
     - 3.1.6. MINIMUM CEMENT CONTENT 380kg/m³
     - 3.1.7. CEMENT TYPE - CIIB-V OR CIIIA
     - 3.1.8. CHLORIDE CLASS cl 0.40
     - 3.1.9. SLUMP, CONTRACTOR SPECIFIED
4. REINFORCED CONCRETE TO WEIGHBRIDGE TO BE:-
   - 4.1. DESIGNED MIX CONFORMING TO:-
     - 4.1.1. MINIMUM CONCRETE STRENGTH C40/50
     - 4.1.2. CONCRETE COVER TO BE 50mm
     - 4.1.3. MAX. AGGREGATE SIZE 20mm
     - 4.1.4. WATER/CEMENT RATIO 0.40
     - 4.1.5. MINIMUM CEMENT CONTENT 380kg/m³
     - 4.1.6. CEMENT TYPE - CIIB-V OR CIIIA
     - 4.1.7. CHLORIDE CLASS cl 0.40
     - 4.1.8. SLUMP, CONTRACTOR SPECIFIED
5. ALL STRUCTURAL CONCRETE TO BE MECHANICALLY VIBRATED.
6. REINFORCEMENT TO COMPLY WITH BS8666, AND ALL REINFORCEMENT INCLUDING MESH TO BE GRADE 500B.
7. ABBREVIATIONS:-
   - N1 - FIRST LAYER NEAR FACE
   - N2 - SECOND LAYER NEAR FACE
   - F1 - FIRST LAYER FAR FACE
   - F2 - SECCOND LAYER FAR FACE
   - T1 - TOP FACE TOP LAYER
   - T2 - TOP FACE SECOND LAYER
   - B1 - BOTTOM FACE BOTTOM LAYER
   - B2 - BOTTOM FACE SECOND LAYER
   - STG - BARS TO BE STAGGERED
   - ALT - BARS TO BE ALTERNATIVELY PLACED
13. LAP LENGTHS TO BE A MINIMUM OF 40 BAR DIAMETERS:-
   - H8 - 320mm
   - H10 - 400mm
   - H12 - 480mm
   - H16 - 640mm
   - H20 - 800mm
   - H25 - 1000mm
   - H32 - 1280mm
14. FOR DETAILS OF THE LENGTH, BENT SHAPE AND NUMBER OF BARS REQUIRED SEE RELEVANT BENDING SCHEDULE.
15. SPACER AND CHAIR BARS ARE NOT SHOWN OR SCHEDULED. SPACER BARS OR CHAIRS SHOULD BE USED AT 1 METRE CENTERS WHERE REQUIRED TO MAINTAIN REINFORCING CAGE DIMENSIONS.

BAR LABEL DONATED AS:-



THIS DRAWING IS TO BE READ IN CONJUNCTION WITH WEIGHBRIDGE MANUFACTURER'S DRAWING

rev.	description	by	date

status: CONSTRUCTION

C D GRAY & ASSOCIATES
CONSULTING CIVIL & STRUCTURAL ENGINEERS
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client: BAYLISS METALS

project: METAL RECYCLING CENTRE

drawing title: WEIGHBRIDGE GA & RC DETAILS

drawn	MS	chkd	SFS	project no.	8801
date	26.02.2015			drg no.	005
scale	AS SHOWN @ A1			rev.	-