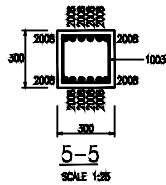
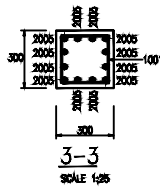
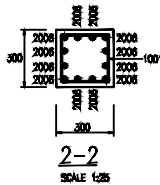
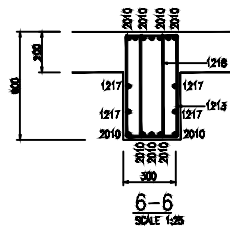


SECTION 1-1
SCALE 1:25



BAR MARK	BAR SIZE φ mm	SHAPE	LENGTH mm	QUANTITY	TOTAL LENGTH (m)
FOUNDATIONS					
1008	φ10mm	STR	300	84	252
1008	φ10mm	STR	180	84	70
1001	φ10mm	STR	3000	13	390
2001	φ20mm	STR	3000	70	2100
2002	φ20mm	STR	4500	22	990
COLUMNS					
1001	φ10mm	STR	300	168	504
2006	φ20mm	STR	4000	48	1920
2005	φ20mm	STR	4000	48	1920
2008	φ20mm	STR	3000	48	1440
BRIDGE BEAMS					
1005	φ10mm	STR	300	168	504
2005	φ20mm	STR	2250	48	1080
2008	φ20mm	STR	3150	48	1512
FLOOR BEAMS					
1215	φ12mm	STR	2000	128	2560
1217	φ12mm	STR	3000	8	24
1218	φ12mm	STR	1800	128	2304
2010	φ20mm	STR	4500	48	2025
FLOOR SLAB					
1211	φ12mm	STR	4000	30	1200
1005	φ10mm	STR	3000	30	900
2011	φ20mm	STR	2500	84	2100
WALLS					
1205	φ12mm	STR	2000	204	4080
1208	φ12mm	STR	4000	182	7280
1216	φ12mm	STR	2000	178	3560
1216	φ12mm	STR	2170	122	2646

BAR MARK	BAR SIZE φ mm	SHAPE	LENGTH mm	QUANTITY	TOTAL LENGTH (m)
REINFORCEMENT SUMMARY					
1004	φ10mm	STR	2400	22	528
1202	φ12mm	STR	2200	118	2636
1205	φ12mm	STR	2000	10	200
1206	φ12mm	STR	2000	5	1000
1207	φ12mm	STR	4000	48	1920
1208	φ12mm	STR	1800	9	1620
1212	φ12mm	STR	1270	8	1016
1215	φ12mm	STR	1800	10	1800
COMBINATION					
1000	φ10mm	STR	6000	20	1200
1200	φ12mm	STR	6000	30	1800
1000	φ10mm	STR	6000	20	1200
2000	φ20mm	STR	6000	20	1200

DIAMETER (mm)	TOTAL LENGTH (m)	UNIT WEIGHT (kg)	TOTAL WEIGHT (kg)
10	1000	0.617	617
12	3000	0.88	2640
16	1044	1.58	1650
20	607	2.47	1500
TOTAL WEIGHT			6207

- NOTES:
- DO NOT SCALE FROM DRAWINGS. ONLY FIGURED DIMENSIONS TO BE WORKED TO. WHEN IN DOUBT CONSULT THE ARCHITECT.
 - ALL DIMENSIONS ARE IN MILLIMETER (mm) UNO
 - FOR SIZES OF PIPE WORKS, REFER TO THE BILLS IN THE CONTRACT DOCUMENT
 - STEEL:
 - MILD STEEL BARS TO BS 4448
 - YIELD STRENGTH 235N/mm²
 - CONCRETE:
 - MIX GRADE C30
 - MINIMUM COMPRESSION STRENGTH 30N/mm²
 - MAX. 20mm AGGREGATE TO BS 882
 - FAIR FACE FINISH TO WALLS, COLUMNS, BEAMS, BRACES
 - CONCRETE COVER: 40mm

REVISIONS	DATE	BY
PROJECT: SMALL TOWN WATER SUPPLY SYSTEM		
CLIENT: GLOBAL COMMUNITIES		
CONTRACTOR:		
DRAWING TITLE: STANDARD DRAWING 20m ³ R.C. DETAIL ELEVATED WATER TANK		
SCALE: 1:100	DATE: APRIL 2023	
DESIGNER: ING. MOSES ARKOH	DRAWING No:	
DRAWING: ING. MOSES ARKOH	HLT/20m ³	004