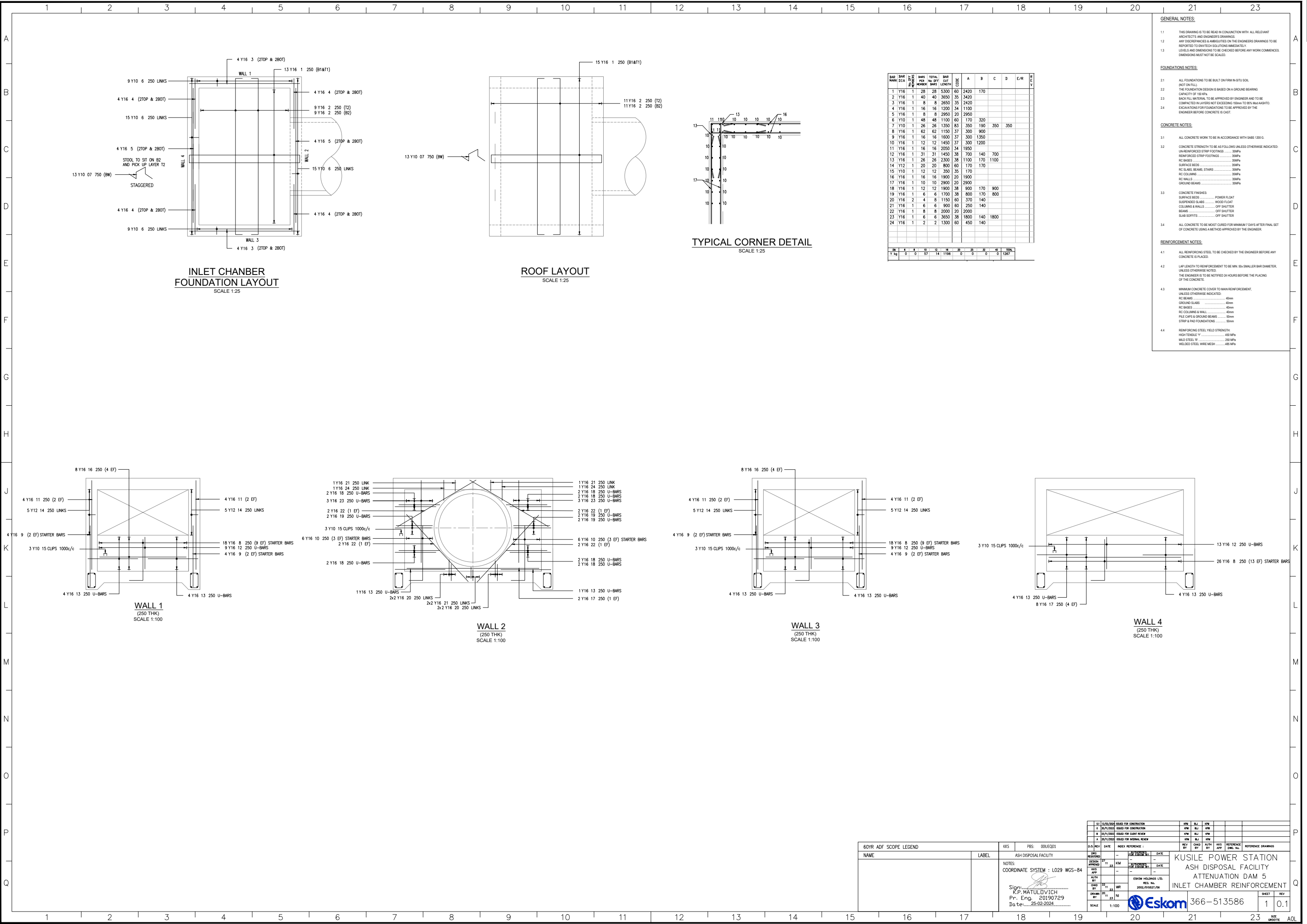




- GENERAL NOTES:**
- 1.1 THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS.
 - 1.2 ANY DISCREPANCIES & AMBIGUITIES ON THE ENGINEERS DRAWINGS TO BE REPORTED TO ENRICH SOLUTIONS IMMEDIATELY.
 - 1.3 LEVELS AND DIMENSIONS TO BE CHECKED BEFORE ANY WORK COMMENCES. DIMENSIONS MUST NOT BE SCALED.
- FOUNDATIONS NOTES:**
- 2.1 ALL FOUNDATIONS TO BE BUILT ON FIRM IN-SITU SOIL (NOT ON FILL).
 - 2.2 THE FOUNDATION DESIGN IS BASED ON A GROUND BEARING CAPACITY OF 150 KPa.
 - 2.3 BACK FILL MATERIAL TO BE APPROVED BY ENGINEER AND TO BE COMPACTED IN LAYERS NOT EXCEEDING 150mm TO 95% MGD AASHTO.
 - 2.4 EXCAVATIONS FOR FOUNDATIONS TO BE APPROVED BY THE ENGINEER BEFORE CONCRETE IS CAST.
- CONCRETE NOTES:**
- 3.1 ALL CONCRETE WORK TO BE IN ACCORDANCE WITH SABS 1200 G.
 - 3.2 CONCRETE STRENGTH TO BE AS FOLLOWS UNLESS OTHERWISE INDICATED:
 - UNREINFORCED STRIP FOOTINGS 35MPa
 - REINFORCED STRIP FOOTINGS 35MPa
 - RC BASES 35MPa
 - SURFACE BEDS 35MPa
 - RC SLABS, BEAMS, STAIRS 35MPa
 - RC COLUMNS 35MPa
 - RC WALLS 35MPa
 - GROUND BEAMS 35MPa
 - 3.3 CONCRETE FINISHES:
 - SURFACE BEDS POWER FLOAT
 - SUSPENDED SLABS WOOD FLOAT
 - COLUMNS & WALLS OFF SHUTTER
 - BEAMS OFF SHUTTER
 - SLAB SOFFITS OFF SHUTTER
 - 3.4 ALL CONCRETE TO BE MOIST CURED FOR MINIMUM 7 DAYS AFTER FINAL SET OF CONCRETE USING A METHOD APPROVED BY THE ENGINEER.
- REINFORCEMENT NOTES:**
- 4.1 ALL REINFORCING STEEL TO BE CHECKED BY THE ENGINEER BEFORE ANY CONCRETE IS PLACED.
 - 4.2 LAP LENGTH TO REINFORCEMENT TO BE MIN. 50x SMALLER BAR DIAMETER, UNLESS OTHERWISE NOTED. THE ENGINEER IS TO BE NOTIFIED 24 HOURS BEFORE THE PLACING OF THE CONCRETE.
 - 4.3 MINIMUM CONCRETE COVER TO MAIN REINFORCEMENT, UNLESS OTHERWISE INDICATED:
 - RC BEAMS 40mm
 - GROUND SLABS 40mm
 - RC BASES 40mm
 - RC COLUMNS & WALL 40mm
 - PILE CAPS & GROUND BEAMS 50mm
 - STRIP & PAD FOUNDATIONS 50mm
 - 4.4 REINFORCING STEEL YIELD STRENGTH:
 - HIGH TENSILE Y 450 MPa
 - MILD STEEL 'R' 250 MPa
 - WELDED STEEL WIRE MESH 485 MPa

BAR MARK	BAR DIA	NO OF BARS	BAR TOTAL LENGTH	BAR TOTAL WEIGHT	A	B	C	D	E/R	R	C	V
1	Y16	1	28	28	5300	60	2420	170				
2	Y16	1	40	40	3650	35	3420					
3	Y16	1	8	8	2650	35	2420					
4	Y16	1	16	16	1200	34	1100					
5	Y16	1	8	8	2950	20	2950					
6	Y10	1	48	48	1100	60	170	320				
7	Y10	1	26	26	1350	83	350	190	350	350		
8	Y16	1	62	62	1150	37	300	900				
9	Y16	1	16	16	1600	37	300	1350				
10	Y16	1	12	12	1450	37	300	1200				
11	Y16	1	16	16	2050	34	1950					
12	Y16	1	31	31	1450	38	700	140	700			
13	Y16	1	26	26	2300	38	1100	170	1100			
14	Y12	1	20	20	800	60	170	170				
15	Y10	1	12	12	350	35	170					
16	Y16	1	16	16	1900	20	1900					
17	Y16	1	10	10	2900	20	2900					
18	Y16	1	12	12	1900	38	900	170	900			
19	Y16	1	6	6	1700	38	800	170	800			
20	Y16	2	4	8	1150	60	370	140				
21	Y16	1	6	6	900	60	250	140				
22	Y16	1	8	8	2000	20	2000					
23	Y16	1	6	6	3650	38	1800	140	1800			
24	Y16	1	2	2	1300	60	450	140				
NO	6	8	10	12	14	16	18	20	22	24	26	TOTAL
Y kg	0	0	0	57	14	1196	0	0	0	0	0	1287