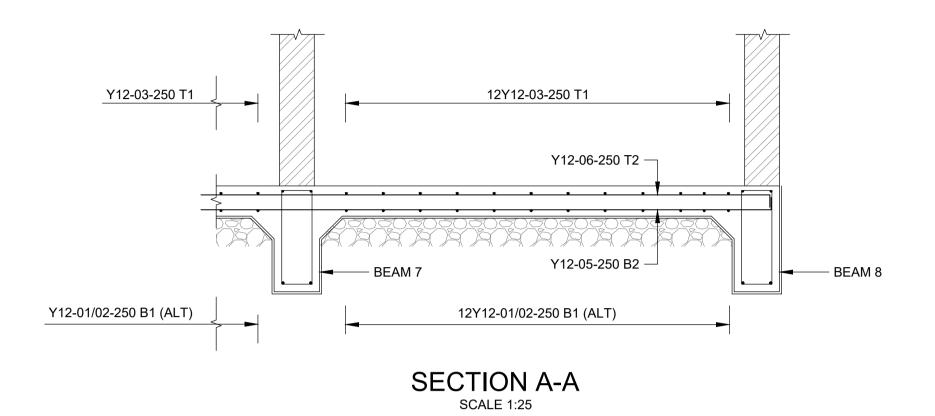


RESTROOM FOUNDATION REINFORCEMENT LAYOUT



	REINFORCEMENT						BEN	IDING DIM	MENSIONS		
	Type & Dia	Mark	No in Each	Total No.	Length mm	Shape Code	A mm	B mm	C mm	D mm	E/R mm
1	Y12	01	32	32	2130	37	140	2020			
	Y12	02	32	32	4150	37	140	4040			
	Y12	03	64	64	3140	37	140	3030			
	Y12	04	19	19	3090	37	130	2985			
	Y12	05	19	19	6070	37	130	5970			
	Y12	06	38	38	4580	37	130	4480			
	Y10	ST1	51	51	820	83	250	85	250	250	
4	Y12	07	2	8	8560	38	150	8315	150		
	Y16	08	2	8	8640	38	200	8315	200		
	R10	SA1	33	132	1730	60	600	200			
4	Y12	09	2	8	5660	38	150	5420	150		
•	Y16	10	2	8	5740	38	200	5420	200		
	R10	SA1	21	84	1730	60	600	200			
		Off & Dia 1	No. Off	No. Off Type & Dia Mark Each No in Each 1 Y12 01 32 Y12 02 32 Y12 03 64 Y12 04 19 Y12 05 19 Y12 06 38 Y10 ST1 51 4 Y12 07 2 Y16 08 2 R10 SA1 33 4 Y12 09 2 Y16 10 2	No. Off Type & Dia Mark Each No in Each No. Total Each No. 1 Y12 01 32 32 Y12 02 32 32 Y12 03 64 64 Y12 04 19 19 Y12 05 19 19 Y12 06 38 38 Y10 ST1 51 51 4 Y12 07 2 8 R10 SA1 33 132 4 Y12 09 2 8 Y16 10 2 8	No. Off Type & Dia Mark & Dia No in Each No. Total Each No. Length mm 1 Y12 01 32 32 2130 Y12 02 32 32 4150 Y12 03 64 64 3140 Y12 04 19 19 3090 Y12 05 19 19 6070 Y12 06 38 38 4580 Y10 ST1 51 51 820 4 Y12 07 2 8 8560 Y16 08 2 8 8640 R10 SA1 33 132 1730 4 Y12 09 2 8 5660 Y16 10 2 8 5740	No. Off Type & Dia Mark Each No. No in Each No. Total Each No. Length mm Shape Code 1 Y12 01 32 32 2130 37 Y12 02 32 32 4150 37 Y12 03 64 64 3140 37 Y12 04 19 19 3090 37 Y12 05 19 19 6070 37 Y12 06 38 38 4580 37 Y10 ST1 51 51 820 83 4 Y12 07 2 8 8640 38 R10 SA1 33 132 1730 60 4 Y12 09 2 8 5660 38 Y16 10 2 8 5740 38	No. Off Type & Dia Mark & Dia No in Each No. Total mm Length mm Shape Code mm A mm 1 Y12 01 32 32 2130 37 140 Y12 02 32 32 4150 37 140 Y12 03 64 64 3140 37 140 Y12 04 19 19 3090 37 130 Y12 05 19 19 6070 37 130 Y12 06 38 38 4580 37 130 Y10 ST1 51 51 820 83 250 4 Y12 07 2 8 8640 38 200 R10 SA1 33 132 1730 60 600 4 Y12 09 2 8 5660 38 150 4 Y16 10 2 8 57	No. Off Type & Dia Mark & Dia No in Each Total Each Length mm Shape Code A mm B mm 1 Y12 01 32 32 2130 37 140 2020 Y12 02 32 32 4150 37 140 4040 Y12 03 64 64 3140 37 140 3030 Y12 04 19 19 3090 37 130 2985 Y12 05 19 19 6070 37 130 5970 Y12 06 38 38 4580 37 130 4480 Y10 ST1 51 51 820 83 250 85 4 Y12 07 2 8 8640 38 200 8315 R10 SA1 33 132 1730 60 600 200 4 Y12 09 2	No. Off Type & Dia Mark Each No in Each Total Each Length mm Shape Code A mm B mm C mm 1 Y12 01 32 32 2130 37 140 2020 Y12 02 32 32 4150 37 140 4040 Y12 03 64 64 3140 37 140 3030 Y12 04 19 19 3090 37 130 2985 Y12 05 19 19 6070 37 130 5970 Y12 06 38 38 4580 37 130 4480 Y10 ST1 51 51 820 83 250 85 250 4 Y12 07 2 8 8640 38 200 8315 150 R10 SA1 33 132 1730 60 600 200 4 <td>No. Off Type Mark Dia Mark Each No. in Each Total Each Mo. Length mm Shape Code mm A mm B mm C mm D mm 1 Y12 01 32 32 2130 37 140 2020 140 2020 140 140 2020 140 140 2020 140 140 2020 140 140 2020 140 140 2020 140 140 2020 140 2020 140 2020 140 2020 140 2030 2020 140 2030 2020 140 2030 200 2020 140 2030 200 2020 140 2020 2020 2020 2020 140 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 150 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020</td>	No. Off Type Mark Dia Mark Each No. in Each Total Each Mo. Length mm Shape Code mm A mm B mm C mm D mm 1 Y12 01 32 32 2130 37 140 2020 140 2020 140 140 2020 140 140 2020 140 140 2020 140 140 2020 140 140 2020 140 140 2020 140 2020 140 2020 140 2020 140 2030 2020 140 2030 2020 140 2030 200 2020 140 2030 200 2020 140 2020 2020 2020 2020 140 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 150 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020

ISSUED FOR TENDER

GENERAL NOTES

1. All work to be in accordance with the NATIONAL BUILDING REGULATIONS and STANDARDS ACT No. 103 of 1977

2. All drawings to be read in conjuction with the Architect's relevant drawings.

3. All dimensions to be checked on site and any discrepancies.

relevant drawings.

3. All dimensions to be checked on site and any discrepancies to be reported before construction commences.

4. No concrete to be poured without the Engineer's consent.

5. No structural alterations to be made without amended drawings

6.TD = To detail, INV = Inverted, TAD = To arch. detail

7.Sleeves and ducts must be provided for all pipes and

NOTES ON FOUNDATION CONSTRUCTION

1.Foundations are subject to alterations as excavations proceed.

2.No foundations are to be cast until excavations have been approved.

3.A 50mm thick blinding layer of 1:3:6 conc. to be cast in all foundations excavated. This 50mm thick layer is not included in the thickness of foundations shown on drawing.

NSTRUCTION
avations proceed.
Ins have been approved.
be cast in all
Ir is not included

NOTES ON R.C. CONSTRUCTION

1.The Contractor is to maintain the reinforcing steel in the correct position.

2.Minimum cover to steel reinforcing: Slabs: 30mm

Beams: 30mm Columns: 40mm

Foundations:

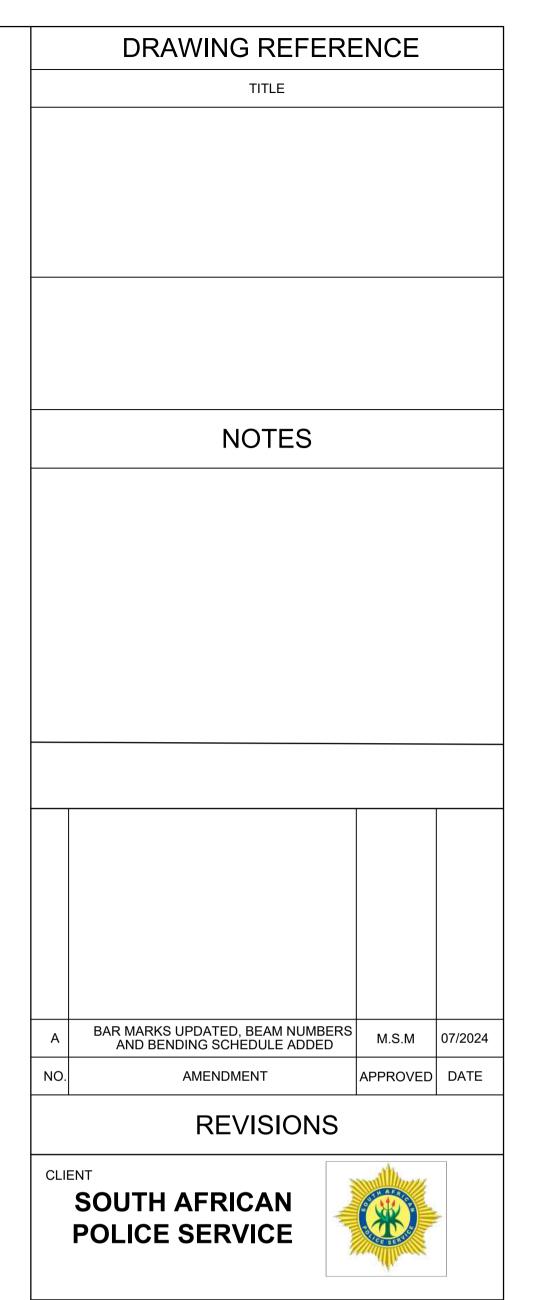
Beams: 30mm Columns: 40mm Foundations: 50mm
3.Concrete or Tile spacer blocks to be used to maintain adequate cover.

4.The contractor is to arrange for cube crushing tests to be as and when requested by the engineer.

5.Breaks in concrete are only to be made where approved by the

6.Beam depth given first and includes slab thickness.
7.Concrete works cube strength is at 28 days to be as follows:
Foundations, Beams & Slabs, Pile Caps, Columns: 30 MPa.
unless stated otherwise on the R.C. drawing.
8.All concrete to be machine mixed, vibrated and damp cured.
9.Reinforcement is listed elsewhere on bending schedules.
10.All reinforcement must be inspected by the engineer prior

to pouring concrete.



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PROJECT

NEW SAPS
IKAGENG POLICE STATION:
NORTH WEST

RESTROOM FOUNDATION REINFORCEMENT LAYOUT AND DETAILS

51660		129	Α		
REFERENCE NO.	FIGURE NO.		REVISION		
	ORIGINAL SIZE: A1				
DATE:	DATE :	MAY 2024			
PR. NO.:	SCALE:	AS SHOWN			
GIGINATORE	CHECKED:	M.S.M			
SIGNATURE:	DRAWN:	R.M.Y			
CONSULTING ENGINEER	DESIGNED:	M.S.M			

CAD FILE: