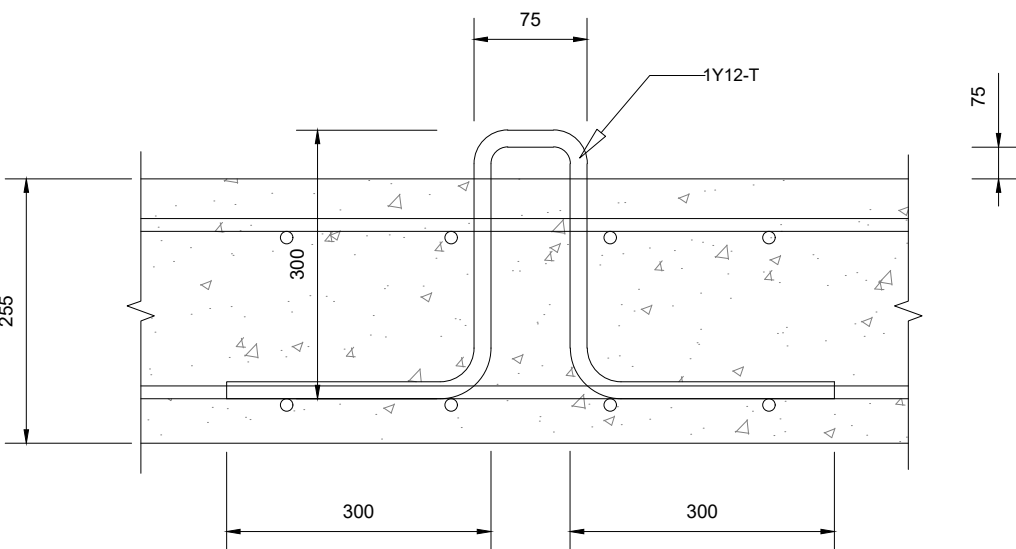


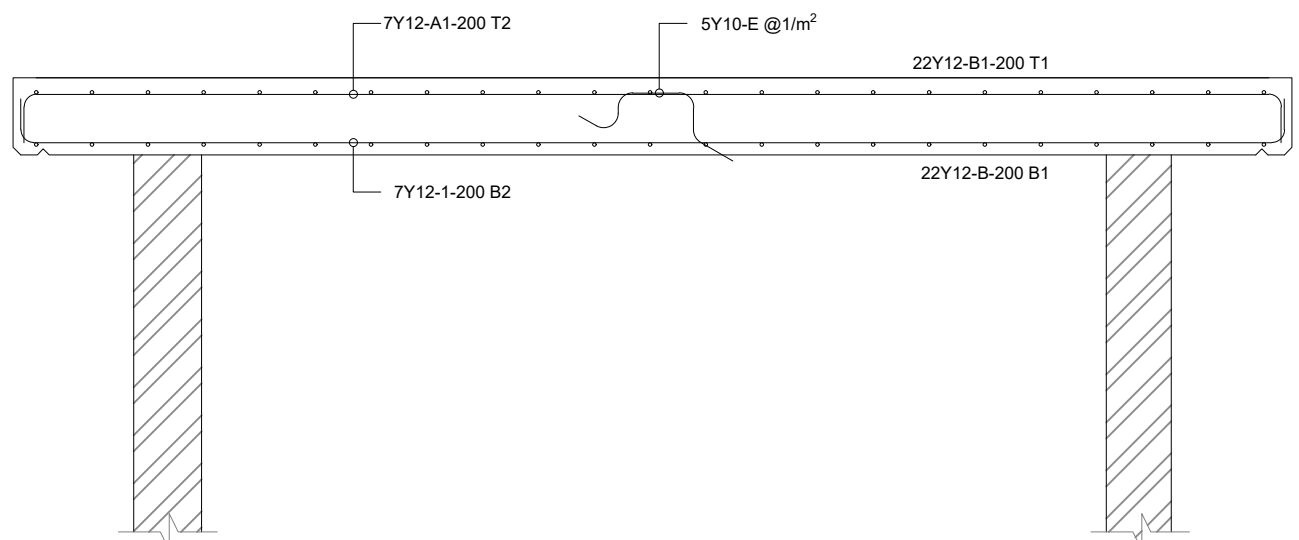
TYPICAL ROOF SLAB CONCRETE LAYOUT  
SCALE 1:25



TYPICAL SECTION B-B  
SCALE 1:25

TYPICAL REBAR SECTION B-B  
SCALE 1:25

No	Date	Details	Chd	Appd
Revisions				



Client:



**Johannesburg Water**

JOHANNESBURG WATER  
Turbine Hall,  
65 Neems Place Street,  
Newtown, Johannesburg

**CONCRETE NOTES:**

- 1.0 SETTING OUT AND GENERAL.
- 1.1 THIS DRAWING SHOULD BE READ IN CONNECTION WITH ARCHITECT'S DRAWINGS.
- 1.2 ALL DIMENSIONS AND HEIGHTS ARE TO BE CHECKED ON SITE AND CORRECTED BEFORE CASTING.
- 1.3 REPORT DISCREPANCIES TO ARCHITECT OR ENGINEER.
- 1.4 DRAWING MUST NOT BE USED TO SCALE OR FOR ANY OTHER WRITING OUT DATA. SETTING OUT POINTS AND DATUM LEVELS REFER TO SURVEY INFORMATION AND ARCHITECT'S DRAWINGS.
- 1.5 ALL STRUCTURAL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE PROJECT SPECIFICATION AND THE RELEVANT S.A.N.S. 1000G AND ALL CONCRETE WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH S.A.N.S. 1000G AND EARTHWORKS IN ACCORDANCE WITH S.A.N.S. 1000G.
- 1.6 CONSULT ARCHITECT'S MECHANICAL, ELECTRICAL, PLUMBING DRAWINGS AND DETAILS AS RELEVANT FOR BRACKING, IMMEDIATELY BEFORE CASTING. RINGS AND SLEEVES FOR THESE SERVICES. NO HOLES ARE TO BE CORED WITHOUT ENGINEERS WRITTEN APPROVAL.
- 1.7 FOUNDATIONS.
- 1.8 ALL FOUNDATION EXCAVATIONS TO BE INSPECTED AND APPROVED BEFORE CASTING. BEFORE CONCRETE IS

4	ALL CONCRETE TO BE CONSTRUCTED TO THE S.A.N S 12000	
5	PERMISSIBLE DEVIATION DEGREE OF ACCURACY CLASS II	
6	CONCRETE CUBE TEST RESULTS TO BE SUBMITTED TIMELY	
7	TO THE ENGINEER FOR PERUSAL, RECORDS, COMMENT AND	
8	APPROVAL	
9	REINFORCEMENT	
10	CHARACTERISTIC STRENGTH:	
11	MILD STEEL:	250N/mm2
12	HIGH YIELD STEEL:	450N/mm2
13	ALL REINFORCEMENT TO BE CHECKED AND APPROVED BY	
14	ENGINEER BEFORE ANY CONCRETE IS CASTED	
15	WRITTEN NOTICE TO BE GIVEN BY ENGINEER BEFORE TIME	
16	OF INSPECTION	
17	MINIMUM COVER TO REINFORCING TO BE MINIMUM 50 x SMALLER	
18	BAR DIAMETER, UNLESS OTHERWISE NOTED	
19	REINFORCING BARS TO BE PLACED IN SLAB (TOP) MINIMUM	
20	LAPS + 300mm x UNLESS OTHERWISE NOTED	
21	THE CONTRACTOR MUST TAKE PARTICULAR CARE TO ENSURE	
22	REINFORCING IS CORRECTLY PLACED AND COVERED	
23	ATTAINED THROUGHOUT BEFORE THE ENGINEER IS CALLED TO	
24	APPROVE THE REINFORCEMENT	
25	COVER TO REINFORCEMENT:	
26	SLIP FOOTINGS:	50mm
27		50mm
28	STUMPS AND WALLS:	50mm
29	SUBGRADES:	50mm

SUSPENDED BEAMS 30mm  
CONTRACTOR IS TO CONDUCT HIS OWN INSPECTION OF  
REINFORCEMENT BEFORE CALLING THE ENGINEER FOR  
INSPECTION.  
FORMWORK AND PROPPING  
STRIPPING TIMES FOR:  
COLUMN AND WALL SHOOTING: 15 DAYS  
7 DAYS IN HOT WEATHER.  
12 DAYS IN COLD WEATHER.  
SLAB SHOOTING: 15 DAYS IN HOT WEATHER.  
7 DAYS IN COLD WEATHER.  
FLAT SLABS:  
STRIPPING TIMES FOR:  
COLUMNS AND BEAMS: 14 DAYS IN HOT WEATHER  
21 DAYS IN COLD WEATHER  
CANTILEVER SLABS AND BEAMS:  
(SUBJECT TO CUBE TEST RESULTS BEING SUBMITTED  
TIMESUPLY TO ENGINEER FOR APPROVAL).  
CONCRETE BEAMS AND SLABS: UNLESS INSTRUCTED  
BY ENGINEER.  
CONCRETE FINISHES, UNLESS NOTED OTHERWISE  
COLUMNS AND WALLS: OFF SHOOTER  
BEAMS AND SLAB OFFSHOT: OFF SHOOTER  
TOP OF SUSPENDED SLABS: OFF SHOOTER  
SLAB SURF BEDS: POWER FLOATED  
SIDES OF GROUND BEAMS TO BE SHOOTED

Refer To Drawing No:

### Key Plan:

Project:			
JW14406 - LINBRO PARK TOWER (WITH ASSOCIATED WORKS)			
Description:			
GENERATOR ROOM ROOF SLAB LAYOUT & DETAILS			
Issued For:			
TENDER			
Size:	Scale:	Sheet No:	Original Date:
A1	As Shown	3 OF 3	Sept 2023
Project No:		Drawing No:	
C01486		PS-21	
Revision:		Rev:	
T0		T0	