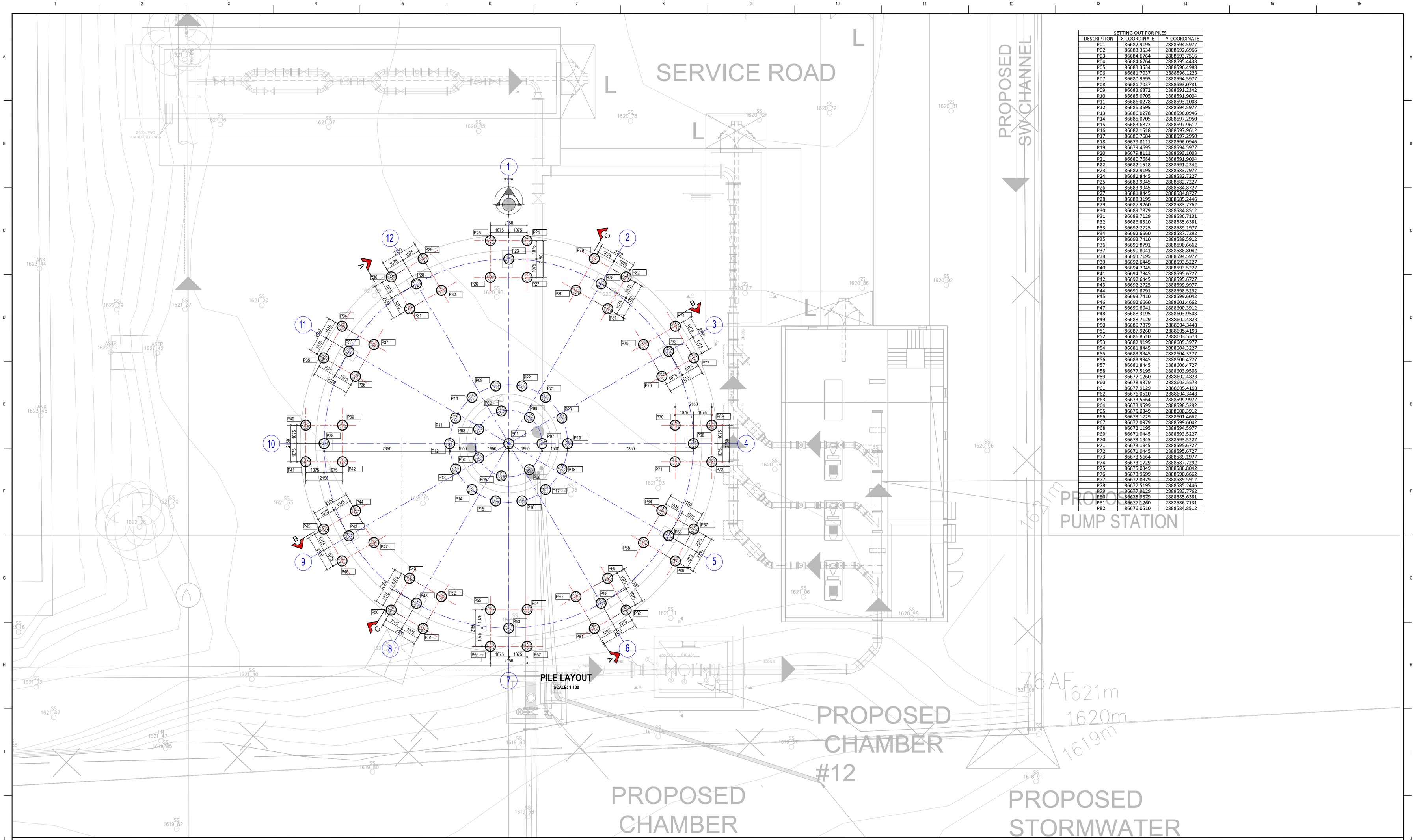

SETTING OUT FOR PILES		
DESCRIPTION	X-COORDINATE	Y-COORDINATE
P01	86682.9195	2888594.5977
P02	86683.3534	2888592.6966
P03	86684.6764	2888593.7516
P04	86684.6764	2888595.4438
P05	86683.3534	2888596.4988
P06	86681.7037	2888596.1223
P07	86680.9695	2888594.5977
P08	86681.7037	2888593.0731
P09	86683.6872	2888591.2342
P10	86685.0705	2888591.9004
P11	86686.0278	2888593.1008
P12	86686.3695	2888594.5977
P13	86686.0278	2888596.0946
P14	86685.0705	2888597.2950
P15	86683.6872	2888597.9612
P16	86682.1518	2888597.9612
P17	86680.7684	2888597.2950
P18	86679.8111	2888596.0946
P19	86679.4695	2888594.5977
P20	86679.8111	2888593.1008
P21	86680.7684	2888591.9004
P22	86682.1518	2888591.2342
P23	86682.9195	2888583.7977
P24	86681.8445	2888582.7227
P25	86683.9945	2888582.7227
P26	86683.9945	2888584.8727
P27	86681.8445	2888584.8727
P28	86688.3195	2888585.2446
P29	86687.9260	2888583.7762
P30	86689.7879	2888584.8512
P31	86688.7129	2888586.7131
P32	86686.8510	2888585.6381
P33	86692.2725	2888589.1977
P34	86692.6660	2888587.7292
P35	86693.7410	2888589.5912
P36	86691.8791	2888590.6662
P37	86690.8041	2888588.8042
P38	86693.7195	2888594.5977
P39	86692.6445	2888593.5227
P40	86694.7945	2888593.5227
P41	86694.7945	2888595.6727
P42	86692.6445	2888595.6727
P43	86692.2725	2888599.9977
P44	86691.8791	2888598.5292
P45	86693.7410	2888599.6042
P46	86692.6660	2888601.4662
P47	86690.8041	2888600.3912
P48	86688.3195	2888603.9508
P49	86688.7129	2888602.4823
P50	86689.7879	2888604.3443
P51	86687.9260	2888605.4193
P52	86686.8510	2888603.5573
P53	86682.9195	2888605.3977
P54	86681.8445	2888604.3227
P55	86683.9945	2888604.3227
P56	86683.9945	2888606.4727
P57	86681.8445	2888606.4727
P58	86677.5195	2888603.9508
P59	86677.1260	2888602.4823
P60	86678.9879	2888603.5573
P61	86677.9129	2888605.4193
P62	86676.0510	2888604.3443
P63	86673.5664	2888599.9977
P64	86673.9599	2888598.5292
P65	86675.0349	2888600.3912
P66	86673.1729	2888601.4662
P67	86672.0979	2888599.6042
P68	86672.1195	2888594.5977
P69	86671.0445	2888593.5227
P70	86673.1945	2888593.5227
P71	86673.1945	2888595.6727
P72	86671.0445	2888595.6727
P73	86673.5664	2888589.1977
P74	86673.1729	2888587.7292
P75	86675.0349	2888588.8042
P76	86673.9599	2888590.6662
P77	86672.0979	2888589.5912
P78	86677.5195	2888585.2446
P79	86677.9129	2888583.7762
P80	86678.9879	2888585.6381
P81	86677.1260	2888586.7131
P82	86676.0510	2888584.8512

Engineer:

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JV

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THESE NOTES SERVE AS AN ADDENDUM TO THE SPECIFICATION IN THE BILL OF QUANTITIES (BOQ). IN THOSE CASES WHERE THE BOQ SPECIFICATIONS DIFFER FROM THESE NOTES, THESE NOTES SHALL TAKE PREFERENCE ON ORIGINAL

0 5 10 15 20 25 30 40 50MM

Engineer:
G. Kucherera Pr Eng (20110431)

Drawn By:	Designed By:	Checked By:
A. Moodley	G. Kucherera	G. Kucherera
Signature:	Signature:	Signature:
Date: February 2022	Date: February 2022	Date: February 2022

GENERAL NOTES:
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS AND PROJECT SPECIFICATIONS.
2. DIMENSIONS ARE TO BE CHECKED ON SITE BY THE CONTRACTOR.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
4. 50mm BLINDING LAYER TO BE PLACED BELOW ALL GROUND LEVEL SLABS UNLESS OTHERWISE INDICATED.
5. ALL EXCAVATIONS TO BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO ANY CONCRETE BEING PLACED.
6. ALLOWABLE BEARING PRESSURE UNDER FOUNDATIONS: TBA
7. COMPACTION RESULTS OF INSITU MATERIAL UNDER STRUCTURES TO BE SUBMITTED AND APPROVED BY THE ENGINEER BEFORE CONCRETE WORKS COMMENCES.
8. CONTRACTOR TO CONFIRM LEVELS AND DIMENSIONS WITH THE ENGINEER BEFORE CONSTRUCTION.
9. ALL STEELWORK TO BE HOT DIP GALVANISED,UNLESS OTHERWISE INDICATED.
10. POSITIONS AND SIZES OF ALL HOLES, POCKETS, DUCTS, ETC. MUST BE DETERMINED ON SITE BETWEEN THE CIVIL AND MECHANICAL CONTRACTOR.
11. ALL BOLTS, WASHERS, NUTS, ETC. SHALL BE STAINLESS STEEL NOTWITHSTANDING THESE REQUIREMENTS, THE CONTRACTOR SHALL VERIFY THAT THE MATERIAL OF THE BOLTS, WASHERS AND NUTS USED WILL NOT CAUSE ANY GALVANIC ACTION BETWEEN ITSELF AND THE SURROUNDING MATERIAL. SHOULD GALVANIC ACTION BE POSSIBLE, THE CONTRACTOR SHALL PROVIDE SUITABLE NON-METALLIC SLEEVES AND WASHERS FOR SUCH BOLTS.
12. ALL CONCRETE SHALL BE OF THE FOLLOWING GRADE AND
MIN. 28 DAY CUBE STRENGTH (UNLESS OTHERWISE STATED):-
FOUNDATION 40 MPa / 19mm
WALLS 40 MPa / 19mm
MASS CONCRETE 20 MPa / 19mm
FLOORS 40 MPa / 19mm
COLUMNS 40 MPa / 19mm
BEAMS 40 MPa / 19mm
13. CLEAR CONCRETE COVER TO REINFORCEMENT SHALL BE AS FOLLOWS
FOUNDATIONS 50mm
WALLS 50mm
FLOORS 50mm
NOTE THAT CLEAR CONCRETE COVER MUST BE MAINTAINED BY THE USE OF CONCRETE COVER BLOCKS MANUFACTURED FROM CONCRETE WITH THE SAME STRENGTHS AS THE UNITS IN WHICH IT IS INCORPORATED ON THE BASIS OF A MINIMUM OF ONE (1) COVER BLOCK PER 0.75 SQUARE METRE.
14. ALL REINFORCEMENT SHALL COMPLY WITH SABS 920, TYPE C, CLASS 2 GRADE 1.
15. WHERE IT IS NECESSARY TO UTILIZE CONSTRUCTION JOINTS, SUCH JOINTS SHALL BE INSPECTED BY THE ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION.
16. UNLESS OTHERWISE STATED THE CORNERS OF ALL EXPOSED CONCRETE SHALL BE PROVIDED WITH A 25mm x 25mm CHAMFER.
17. THE DEGREE OF ACCURACY SHALL BE IN ACCORDANCE WITH SABS 1200 G LEVEL III.
18. HAND RAILING MUST NOT BE PAINTED.
19. ALL UNFORMED SURFACES SHALL BE AS FOLLOWS:-
FLOOR INVERTS: STEEL TROWELLED
WALL TOPS: WOOD FLOATED
TOP SURFACES OF FOUNDATIONS
INSIDE STRUCTURE: STEEL TROWELLED
TOP SURFACES OF FOUNDATIONS
OUTSIDE STRUCTURE: WOOD FLOATED
20. ALL PIPEWORK AND FITTINGS THROUGH CONCRETE TO BE MANUFACTURED FROM uPVC WITH A MINIMUM OF 350mm LENGTH BETWEEN WALL AND SOCKET, UNLESS OTHERWISE INDICATED.
21. ALL CONCRETE SHALL BE MADE WITH ORDINARY PORTLAND CEMENT WITH 30% FLY ASH CEMENT OR SIMILAR APPROVED CEMENT EXTENDER.
22. WATER:CEMENT RATIO NOT TO EXCEED 0,5 t
23. THE CEMENT CONTENT : 325 kg/m³ -450kg/m³
24. NO OPEN FERRELS ARE PERMITTED. ALL SHUTTERS TO BE SUPPORTED USING AN APPROVED EMBEDDED BOLT SYSTEM.
25. NO-FINES CONCRETE TO BE FLOATED TO SMOOTH FINISH.
26. CONCRETE CUBE TESTS TO BE TAKEN AND RESULTS TO BE SUBMITTED TIMEOUSLY TO ENGINEER FOR PERUSAL, RECORDS AND QUALITY MONITORING.
27. ALL LAITANCE TO BE REMOVED FROM CONSTRUCTION JOINTS AND CLEANED THOROUGHLY.

Refer To Drawing No:

Key Plan:

No	Date	Details	Chd	Appd
T0	2023.09.14	ISSUED FOR TENDER	GK	GK

Revisions

Project: JW14406 - LINBRO PARK TOWER (WITH ASSOCIATED WORKS)

Description: 3.0ML WATER TOWER: LAYOUTS AND SECTION (1 OF 9)

Issued For: TENDER

Size:	Scale:	Sheet No:	Original Date:
A1	As Shown	1 OF 9	February 2022

Project No:	Drawing No:	Revision:
C01486	SC-01	T0