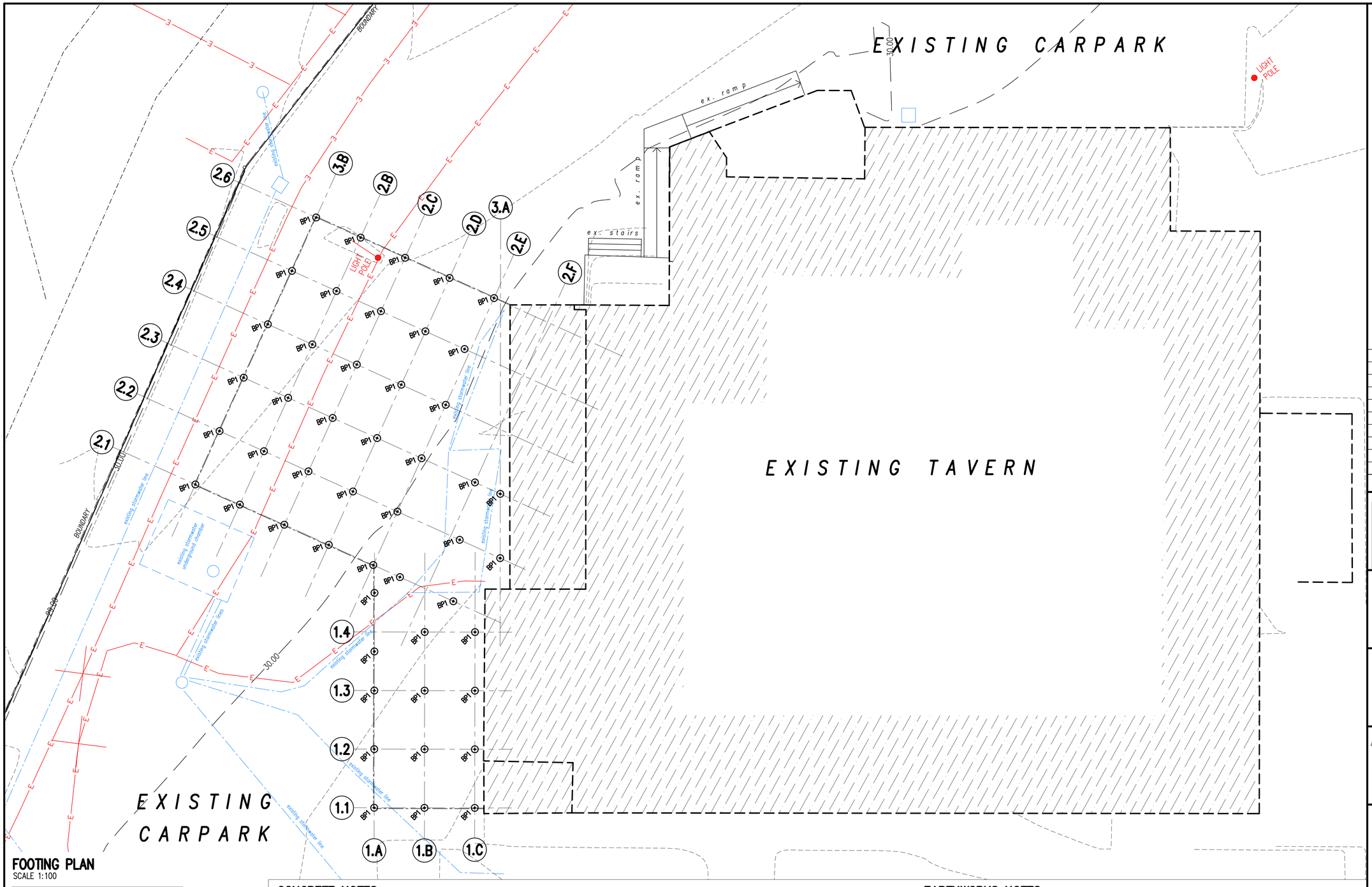
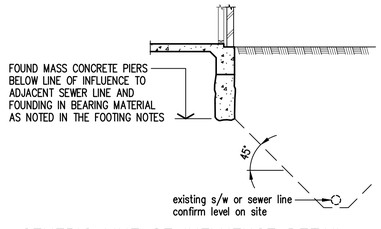



## FOOTING PLAN
SCALE 1:100

**DANGER DANGER DANGER DANGER DANGER**
NOTE: CHECK AND CONFIRM LOCATION OF EXISTING STORMWATER PIPES PRIOR TO ANY EXCAVATION.
PIER DEPTH TO BE INCREASED TO MINIMUM 600 BELOW INVERT LEVEL OF ADJACENT PIPE.




## GENERIC LINE OF INFLUENCE DETAIL
SCALE 1:50

## CONCRETE NOTES

### GENERAL
1. CARRY OUT ALL WORK IN ACCORDANCE WITH AS3600 & THE RELEVANT PROJECT AND WHYBIRD & PARTNERS ENGINEERS SPECIFICATIONS.
2. VERIFY ALL DIMENSIONS WITH THE ARCHITECT. DO NOT SCALE THESE DRAWINGS.
3. IN CASE OF DOUBT – ASK!.
4. THE DRAWINGS ARE TO BE REGARDED AS PRELIMINARY UNLESS AUTHORISED.

### DESIGN LOADS
1. LIVE LOADS: 3 kPa
2. DEAD LOADS: 1 kPa

### CONCRETE
1. PLACE CONCRETE HAVING THE FOLLOWING F'c AS DEFINED IN AS3600.

| LOCATION | F'c AT 28 DAYS |
|---|---|
| FOOTINGS | N25 |
| SLAB ON GROUND | N32 |
| | |

MAXIMUM AGGREGATE SIZE – 20
SLUMP – 80
MAXIMUM DRY SHRINKAGE – 600 USTRAIN IN SLABS
CURE ALL CONCRETE SURFACES IN ACCORDANCE WITH THE AS3600. CURING COMPOUNDS TO MEET WITH AS3799 REQUIREMENTS.
2. SAMPLE & TEST AS SPECIFIED IN AS1012 USING PROJECT ASSESSMENT OF STRENGTH GRADES AS PER AS3600 CL 20.3.
3. CONSOLIDATE BY VIBRATION.

### REINFORCEMENT
1. SUPPLY & FIX REINFORCEMENT AS SHOWN ON THE DRAWINGS. THE TYPE & GRADE IS DENOTED BY THE FOLLOWING SYMBOLS FOLLOWED BY A NUMBER INDICATING THE DIAMETER OF THE BAR IN MILLIMETRES.
R GRADE R250N HOT ROLLED ROUND BAR TO AS 4671.
N GRADE D500N HOT ROLLED RIBBED BAR TO AS 4671
W GRADE R500L HARD DRAWN WIRE TO AS 4671
SL GRADE D500L HARD DRAWN RIBBED WIRE FABRIC TO AS 4671
2. ALL LAPS IN REINFORCING STEEL TO BE FULL TENSION UNLESS NOTED.
3. PROVIDE BAR SUPPORTS OR SPACERS TO GIVE THE FOLLOWING CONCRETE COVER TO ALL REINFORCEMENT UNLESS NOTED OTHERWISE ON THE DRAWINGS.

| LOCATION | COVER | EXPOSURE CLASS |
|---|---|---|
| FOOTINGS | 50mm | A2 |
| SLAB ON GROUND:– | | |
| INTERNAL TOP | 30mm | A1 |
| EXTERNAL TOP | 40mm | B1 |
| | | |

## EARTHWORKS NOTES
1. REFER SOILS INVESTIGATION BY DOUGLAS PARTNERS PTY LTD PROJECT No. 80966 DATED FEBRUARY, 2014. FOOTINGS TO FOUND IN MATERIAL AS RECOMMENDED IN THE SOILS REPORT. A COPY OF THE SOILS REPORT TO BE KEPT ON SITE AT ALL TIMES.
2. STRIP SITE REMOVING ALL TOPSOIL, ORGANIC MATTER AND DELETERIOUS MATERIAL
3. REMOVE EXISTING GREASE TRAP, TRADE WASTE HOUSE DRAIN AND STORMWATER INFRASTRUCTURE AS PER HYDRAUILC/CIVIL DWGS. REMOVE EXISTING BEDDING AND MOISTURE AFFECTED MATERIAL TO A SOLID BASE.
4. PROOF ROLL SITE TO ENSURE EXISTING FILL IS COMPACTED TO A MINIMUM OF 95% STANDARD COMPACTION. REMOVE ANY SOFT SPOTS AND REPLACE WITH CBR15 MATERIAL COMPACTED TO 98% 98% STANDARD COMPACTION.
5. PROVIDE CBR15 FILL WHERE AS REQUIRED TO UNDERSIDE OF SLAB COMPACT TO 98% STANDARD COMPACTION.
6. ALL EARTHWORKS AND TESTING OF EARTHWORKS SHALL BE COMPLETED IN ACCORDANCE WITH AS3798–1996, GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS
7. IF FILL HAS BEEN PLACED ON SITE OR IS OTHERWISE IDENTIFIED, CONTACT THE ENGINEER. NO FOOTINGS OR SLABS ARE TO BE SUPPORTED ON FILL UNLESS EXPRESSLY APPROVED BY THE SOILS ENGINEER.
8. THE OWNER AND ALL FUTURE OWNERS ARE RESPONSIBLE FOR SITE MAINTENANCE AS PER AS 2870 APPENDIX B.
9. FOOTINGS HAVE BEEN DESIGNED FOR AN ALLOWABLE SAFE BEARING PRESSURE OF 100 kPa.
10. THE CONTRACTOR SHALL ALLOW FOR INSPECTION BY A REGISTERED GEOTECHNICAL ENGINEER TO CONFIRM FOUNDING BEARING CAPACITY.
11. PROVIDE TERMITE PROTECTION TO AS 3660–1. THIS DRAWING DOES NOT PURPORT TO SHOW TERMITE PROTECTION DETAILS.
12. *BH1* ⌖ DENOTES BOREHOLE LOCATION. REFER TO SOILS REPORT.

| Rev | Description | By | Date |
|---|---|---|---|
| P1 | PRELIMINARY UPDATED | S.W | 20.12.23 |
| P | PRELIMINARY ISSUE | S.W | 14.11.23 |

Architect
Push

Project Manager

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Project
MANGO HILL TAVERN REFURBISHMENT

Title
BEER GARDEN FOOTING PLAN

| | | |
|---|---|---|
| Designed | J.L.W | NOV '23 |
| Drawn | S.J.W | NOV '23 |
| Checked | J.L.W | |
| Scale | 1:100 at A1 | |

Drawing Number
21008–S21

Revision P P1

100mm 50 40 30 20 10 0