

FOOTING MEMBER SCHEDULE					
BEAM	DEPTH	WIDTH	REINFORCEMENT		
			TOP	BOTTOM	LIGS
E1	1400	300	3-N20	3-N20	W8-1000
I1	1400	300	2-N20	2-N20	W8-1000

- NOTE:
- THIS SITE HAS BEEN CLASSIFIED AS E-D (REFER TO FOOTING CONSTRUCTION REPORT FOR DETAILS).
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DRAWING S01 NOTES AND S03, S04 DETAILS.
  - LAGGING AND FLEXIBLE CONNECTION ARE NOT REQUIRED BUT PLUMBER SHALL CHECK THE SPECIFICATION OF LOCAL AUTHORITIES/ COUNCIL.
  - LAPS IN MESH TO BE ONE FULL SQUARE PLUS 25mm.
  - CONCRETE STRENGTH OF FOOTINGS TO BE  $f_{ck}=25MPa$
  - LAGGING IS REQUIRED - 40MM CLOSED CELL POLYTHENE
  - FLEXIBLE CONNECTION IS REQUIRED - 100MM FABRICATED SEWER / SWV EXTRUDED COUPLING OR SIMILAR APPROVED.
  - THE BUILDING SITE IS TO BE PREWET USING DRIPPERS OR WEEPER HOSES FOR A MINIMUM OF TWO HOURS PER DAY FOR TWO WEEKS OR LONGER IS NECESSARY UNTIL ALL CRACKS HAVE CLOSED UP.

### LEGEND

- WET AREA SET DOWN TO BUILDING DESIGNERS / ARCHITECT DETAILS (25mm GENERALLY & 50mm FOR SHOWERS)
- PROVIDE 3N12 TOP CRACK CONTROL RODS 2000mm LONG TIED TO UNDER MESH AT ALL RE-ENTRANT CORNER (TYP)
- DENOTES REINFORCED BRICK PIER WITH 1-N16 BAR CENTRAL IN MORTAR FILLED CAVITY TO FULL HEIGHT, CAST 400 INTO FOOTING 150 COG, LAP 600mm MINIMUM WITH PIER REO
- DENOTES REINFORCED BRICK PIER WITH 2-N16 BAR CENTRAL IN MORTAR FILLED CAVITY TO FULL HEIGHT, CAST 400 INTO FOOTING 150 COG, LAP 600mm MINIMUM WITH PIER REO
- DENOTES REINFORCED BRICK PIER WITH 4-N16 BAR CENTRAL IN MORTAR FILLED CAVITY TO FULL HEIGHT, CAST 400 INTO FOOTING 150 COG, LAP 800mm MINIMUM WITH PIER REO
- 130mm THICK CONCRETE SLAB, SL92 TOP & SL72 BOTTOM. CONCRETE GRADE 25Mpa
- INDICATES ARTICULATION JOINT IN THE MASONRY TO FULL HEIGHT (AS3700). REFER STANDARD FOOTING DETAILS

### INSPECTIONS

ENGINEER SHALL INSPECT FOOTING CONSTRUCTION AT THE FOLLOWING STAGES:

- TRENCHING OF FOOTINGS
- REINFORCEMENT PLACEMENT


PROVIDE 24HOURS NOTICE FOR EACH INSPECTION

UNIT 44

UNIT 45

### NOTE:

THE FOOTING DESIGN FOR THIS SITE HAS TAKEN ACCOUNT OF THE TREES, HOWEVER DUE TO THE COMPLEX TREE ROOT GEOMETRY, VARIABLE MOISTURE EXTRACTION BY THE TREE AND THE DIFFICULTY IN PREDICTING FUTURE TREE GROWTH, A PRECISE DESIGN FOR THE EFFECTS OF TREE GROWTH IS OUTSIDE CURRENT KNOWLEDGE. THE OWNER MUST BE AWARE THAT ALTHOUGH PRECAUTIONS HAVE BEEN TAKEN FOR THE EFFECTS OF TREES IN OUR DESIGN SOME DISTORTIONS MUST BE ACCEPTED

REVISION				<div>ISSUED FOR TENDER NOT FOR CONSTRUCTION</div>	<div> <b>Consulting Engineers</b> <small>TALENTED   APPROACHABLE   RESPONSIVE   PIONEERING</small>  452 Pulteney Street, Adelaide SA 5000 Telephone (08) 8231 2832 Facsimile (08) 8311 1742  www.mlei.com.au</div>	PROJECT LOT 52 RESERVOIR ROAD PARADISE (STAGE 4)	DRAWING TITLE FOOTING PLAN UNIT 44 & 45 (TYPE D3)	DRAFTER	ENGINEER	MANAGER
ISSUE	DATE	DESCRIPTION	INITIAL					HN	CO	TH
P1	11.9.18	ISSUED FOR CLIENT REVIEW	HN			DATE	PROJECT NUMBER	DRAWING SCALE		
T1	18.10.18	ISSUED FOR TENDER	HN			Sep-18	2018-7944	1:100		
						DRAWING NUMBER	SHEET SIZE	REV		
						S05	A3	T1		
						DO NOT SCALE FROM THIS DRAWING				