



GROUND FLOOR FOOTING AND SLAB PLAN

SCALE 1:100

LEGEND

- DENOTES STEEL COLUMNS OVER. REFER FRAMING MEMBER SCHEDULE.
- DENOTES TS1 or DS1 OVER. REFER FRAMING MEMBER SCHEDULE.
- DENOTES 2 No 90 x 45 MGP10 DOUBLE STUDS. REFER STRUCTURAL FRAMING NOTES.
- DENOTES LIGHTWEIGHT LOAD BEARING WALLS OVER.
- DENOTES TYPE S WALL BRACING (METAL TENSION STRAP BRACING) REFER TO DETAIL.
- DENOTES TYPE P WALL BRACING (PLY BRACING) REFER TO DETAIL.
- DENOTES 300mm WIDE POWERTRUSS BRACING TRUSS TO MANUFACTURER'S DESIGN & SPECIFICATIONS. POWER TRUSS TO BE WELDED TO STEEL COLUMN AT TOP, MIDDLE & BOTTOM FOR A LENGTH OF 150mm.
- DENOTES STEP IN SLAB LOCATION.
- PROVIDE 15 MPa BLINDING CONCRETE BELOW EDGE BEAM TO ACHIEVE 1500 IN TOTAL BELOW N.G.L. AND MIN. 100 BELOW 30 DEGREE ANGLE OF REPOSE PROJECTED FROM EX. SEWER PIPE.
- DENOTES WET AREA SET-DOWNS, REFER ARCH. DRAWINGS FOR DETAILS.
- 100mm THICK RC RAFT SLAB. SL82 MESH TOP (25 COVER) F'c 25 MPa ON 0.2mm POLYTHENE MEMBRANE ON 50 THICK PACKING SAND ON COMPACTED SAND FILL ON PREPARED SUB GRADE.
- 150mm THICK RC SUSPENDED SLAB ON 1.0mm BONDEK TRAY. SL82 MESH TOP AND BTM, (25 COVER) F'c 25 MPa ON 0.2mm POLYTHENE MEMBRANE ON 50 THICK PACKING SAND ON COMPACTED SAND FILL ON PREPARED SUB GRADE.
- 150mm THICK RC SUSPENDED RAFT SLAB. SL82 MESH TOP AND BTM, (25 COVER) F'c 25 MPa ON 0.2mm POLYTHENE MEMBRANE ON 50 THICK PACKING SAND ON COMPACTED SAND FILL ON PREPARED SUB GRADE.

SLEEPER RETAINING WALL SCHEDULE				
	SRW1	600 MAX. RETAINING WALL	100 VC IS AT 1800 MAX. CFS.	200 x 100 FS KDTP
	SRW2	1200 MAX. RETAINING WALL	100 VC IS AT 1200 MAX. CFS. REFER TO SEQUENCE NOTES	200 x 100 FS KDTP
RETAINING BLOCK WALL SCHEDULE				
	RTW1	190mm THICK RETAINING BLOCK - 1200 MAX. RETAINING. N16-400 CTS. VERT & HORIZ. BARS. N16-200 CTS. STARTER BARS. LAP 600, 400 COG INTO FOOTING.		

GEOTECHNICAL NOTE
 CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE SITE INVESTIGATION REPORT

THIS SITE HAS BEEN CLASSIFIED "CLASS A" IN ACCORDANCE WITH GEOTECHNICAL REPORT No. 21867 PREPARED BY ALLEY KARLOVIC SOIL ENGINEERING, DATED 20 / 11 / 2021.

ALL EDGE AND INTERNAL SLAB BEAMS AND SLAB THICKENINGS ARE TO BE FOUND AT LEAST 100mm INTO THE NATURALLY OCCURRING MEDIUM DENSE SAND WITH A MINIMUM ALLOWABLE BEARING CAPACITY OF 100kPa.

ALL STRIP FOOTINGS AND PAD FOOTINGS ARE TO BE FOUND AT LEAST 100mm INTO THE NATURALLY OCCURRING MEDIUM DENSE SAND WITH A MINIMUM ALLOWABLE BEARING CAPACITY OF 100kPa.

SOLE RELIANCE HAS BEEN PLACED ON THIS REPORT

FOOTING SCHEDULE (F'c = 25MPa)											
FOOTING TYPE	EB1 EDGE BEAM	EB2 EDGE BEAM	EB3 PAD FOOTING	IB1 INTERNAL BEAM	IB2 INTERNAL BEAM	TH1 SLAB THICKENING	TH2 SLAB THICKENING	TH3 SLAB THICKENING	PF1 PAD FOOTING	SF1 STRIP FOOTING	SF2 STRIP FOOTING
WIDTH MINIMUM	300	300	600	300	400	600x600	800x800	1000x1000	1200x1200	600	1000
DEPTH MINIMUM	500	500 MIN - 750 MAX	500	500	500	500	500	500	500	500	500
REINFORCEMENT	3-4L11TM BOTTOM	3-4L11TM BOTTOM	6-4L11TM TOP & BOTTOM	3-4L11TM BOTTOM	4-L11TM BOTTOM	SL82 MESH BOTTOM	SL82 MESH BOTTOM	SL82 MESH BOTTOM	SL82 MESH TOP & BOTTOM	6-L11TM TOP & BOTTOM	SL81 MESH TOP & BOTTOM
COMMENTS											



**PROPOSED DEVELOPMENT AT
 33 NEPEAN HWY,
 ASPENDALE**

CLIENT

REV	DATE	DESCRIPTION	BY	CHKD
P1	-/-21	-	SM	SM

STATUS

PRELIMINARY ISSUE

REF No. **21-21**

DESIGN	SM	SCALE	1:100 @ A1
DRAWN	SM	DATE	02/2022
CHECKED	-		
APPROVED	-		

DRAWING TITLE

GROUND FLOOR PLAN

GROUND

