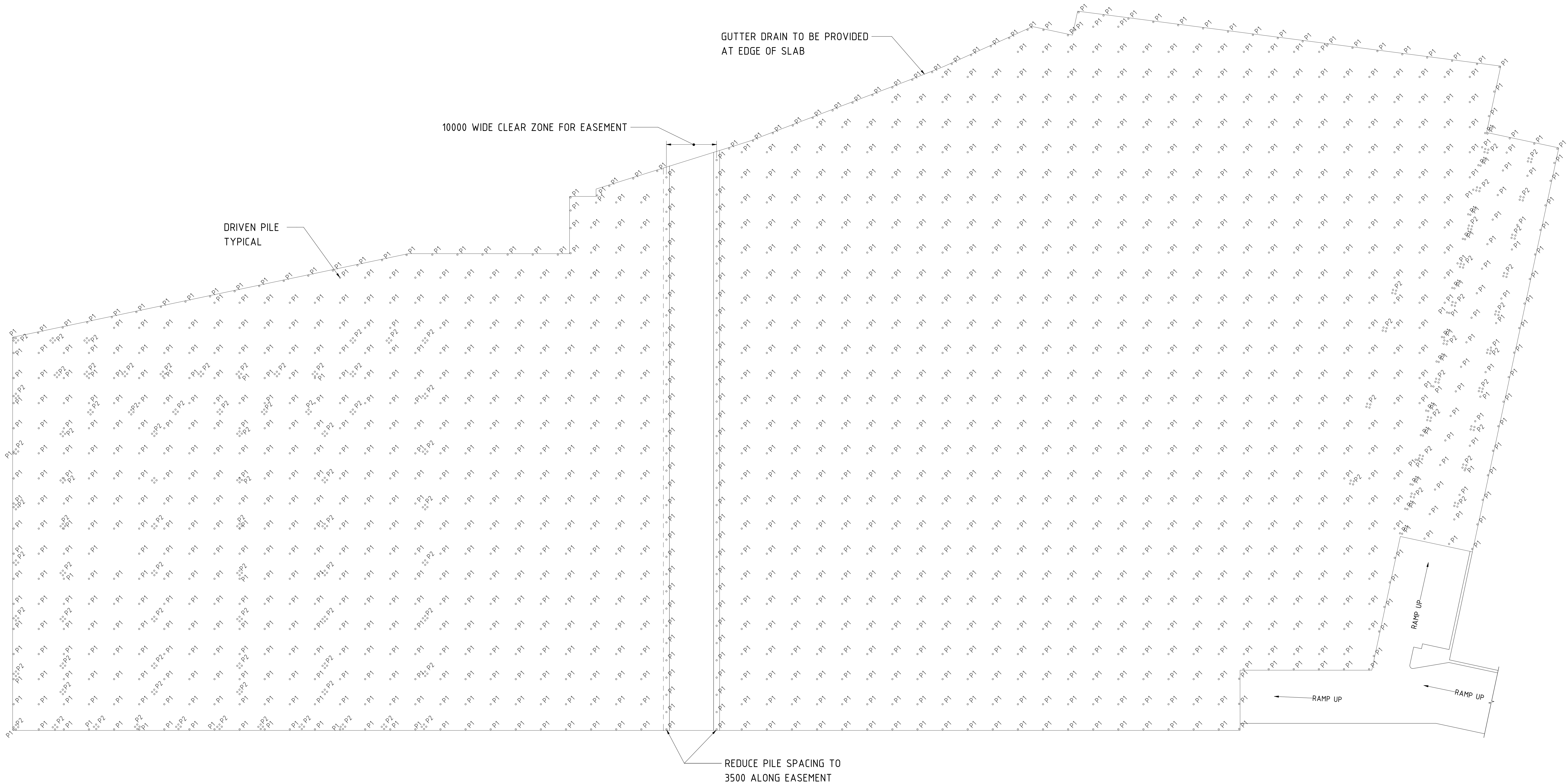




DRIVEN PILES - OVERALL PILE PLAN
1 : 300

CRACKING NOTE :

- SUSPENDED SLAB TO BE A CONVENTIONALLY REINFORCED CONCRETE SLAB OF 400 MINIMUM THICKNESS THROUGHOUT SUPPORTED ON 400 DIA. PRECAST CONCRETE PILES 5000 MAX. x 5000 MAX. GRID EXCEPT AT 10000 CLEAR ZONE WHERE SLAB THICKNESS INCREASES TO 500 MINIMUM.
- SLAB PENETRATION LOCATIONS TO BE CONFIRMED & COORDINATED WITH ARCHITECT & OTHER CONSULTANTS. ANY VARIATIONS TO THOSE SHOWN ON THESE DRAWINGS TO BE ADVISED TO STRUCTURAL ENGINEER.
- SLAB DEFLECTIONS :
SPAN/500 INCREMENTAL
SPAN/250 TOTAL
- LANDSPAN RAMP TO BE A 300 THICK CONVENTIONALLY REINFORCED TRAFFICABLE SLAB TIED INTO 400 THICK SLAB & SPANNING TO NATURAL GROUND AT NANT STREET.

CRACKING NOTE :

ATTENTION IS DRAWN TO THE FACT THAT DUE TO THE NATURE OF CONCRETE, CRACKING OF A NON-STRUCTURAL NATURE MAY OCCUR. REINFORCEMENT HAS BEEN ADDED TO THE SLABS TO MITIGATE THE EXTENT OF CRACKING, HOWEVER IT IS NOT POSSIBLE TO GUARANTEE COMPLETE ELIMINATION OF SLAB CRACKING.

CONCRETE QUALITY

ELEMENT	SLUMP	AGGREGATE (MAX SIZE)	CEMENT TYPE	ADMIXTURE	F'c (MPa)
400/500 THICK SLAB	80	20	SL	NIL	32
LANDSPAN RAMP	80	20	GP	NIL	32
NOMINAL 56 DAY SHRINKAGE 650 MICROSTRAIN					

REINFORCEMENT RATES :

400/500 THICK SLAB
CONVENTIONAL REINFORCEMENT - 140 kg/m³
LANDSPAN RAMP
CONVENTIONAL REINFORCEMENT - 160 kg/m³

DRIVEN PILES SAFE WORKING LOAD :

DRIVEN PILES SAFE WORKING LOAD (S.W.L.) = 1000 kN
- PRECAST CONCRETE = 400 SQUARE OR OCTAGONAL
- TIMBER = MIN. 300 DIAMETER

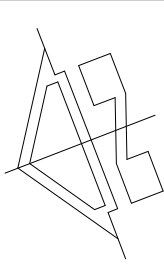
PRELIMINARY DRAWING, NOT ALL DETAILS SHOWN
ALLOW FOR ADDITIONAL STRUCTURAL ELEMENTS
SUBJECT TO ARCHITECTURAL RESOLUTION

**PRELIMINARY ONLY
FOR INFORMATION**

3m 0 5 10 15 20 25 30m
SCALE 1:300 AT A0 SIZE SHEET

COLUMNS ABOVE REMOVED - PRELIMINARY ONLY	17.12.21	B
ISSUED FOR INFORMATION - PRELIMINARY ONLY	07.12.21	A
AMENDMENTS	DATE	ISSUE

NORTH



ARCHITECT

CLIENT



LEVEL 17,
60 Castlereagh Street
SYDNEY
NSW, 2000, Australia
Tel: (02) 9230 7400
Fax: (02) 9230 7444

PROJECT
PROPOSED DEVELOPMENT
LOT 9, McPHERSON STREET
BANKSMEADOW, NSW, 2019

DESIGNED	DRAWN	DATE	SIZE	SCALE	CAD REF.
GR	M.V.H.	NOV 21	A0	AS NOTED	C09349.13 - SK15



Costin Roe Consulting Pty Ltd.
Consulting Engineers
Level 1, 8 Madamill Street
Wahle Bay, Sydney NSW 2000
Tel: (02) 9251-7699 Fax: (02) 9241-3731
email: mail@costinroe.com.au

Costin Roe Consulting

PRECISION | COMMUNICATION | ACCOUNTABILITY

DRAWING TITLE
DRIVEN PILE ONLY PLAN

DRAWING No.
C09349.13 - SK15

ISSUE
B