

CONCRETE ELEMENT	STRENGTH f <sub>c</sub>	MAX SIZE AGG. mm	SLUMP mm	CEMENT TYPE	ADMIXTURE
WAFFLE SLAB	25	20	80	GP	-
CONC. PIERS	20	20	80	GP	-

REFER TO GENERAL NOTES FOR REINFORCEMENT COVER

#### WAFFLE SLAB NOTES

**85 THICK** SLAB REINFORCED WITH **SL82 MESH TOP** CONTINUOUS THROUGHOUT INCLUDING ANY EXTRAS AS NOTED ON PLAN OR IN DETAILS.

SITE PREPARATION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE GENERAL NOTES & CURRENT EDITION OF AS2870 - RESIDENTIAL SLABS & FOOTING CODE.

REFER TO GENERAL NOTES FOR CONCRETE COVERS

#### FOUNDATION NOTE

THE FOOTINGS SHALL BE FOUNDED ON **STIFF CLAY** MATERIAL WITH A MINIMUM SAFE BEARING CAPACITY OF **150 kPa**.

#### BORED PIER NOTE

BORED PIERS SHALL BE USED IN ACCORDANCE WITH THE FOLLOWING:

- o SET OUT AS PER THE ADJACENT PLAN.
- o ALL PIERS TO BE FOUNDED OFF ROCK THAT IS UNIFORM & STABLE WITH A MINIMUM OF **700 kPa** BEARING CAPACITY. GEOTECH TO VERIFY ONSITE

#### DESIGN CRITERIA

SITE CLASSIFICATION : **CLASS P**

SOIL CLASSIFICATION : **CLASS M**

GEOTECH NAME: **AW GEOTECHNICS**

REPORT NO: **AWT 60859**

REPORT DATE: **22 SEPTEMBER 2020**

SITE WIND CLASSIFICATION : **N2**

EARTHQUAKE DESIGN CATEGORY: **H1**

CONSTRUCTION TYPE: **ARTICULATED FULL**

**MASONRY & CLAD FRAMED**

(MASONRY SHALL BE ARTICULATED IN ACCORDANCE WITH TECHNICAL NOTE 61 FROM THE CEMENT AND CONCRETE ASSOCIATION OF AUSTRALIA)

ROOF FRAMING: **CONVENTIONAL ROOF FRAMING**

#### EXPOSURE CLASSIFICATION

CONCRETE :

INTERIOR SURFACES : A1

EXTERIOR SURFACES : B2

MASONRY :

MASONRY DURABILITY REQUIREMENTS : M4

#### GROUND WAFFLE POD SLAB LAYOUT PLAN

1:100

#### MASONRY WALL SCHEDULE

WALL No.	THICKNESS	HORIZONTAL WALL LENGTH	VERTICAL REINFORCEMENT	HORIZONTAL REINFORCEMENT	COMMENTS
MW1	190 BLOCK	REFER TO PLAN	N16-400	N16-400	32 MPa CORE FILLED

NOTE:  
ALL MASONRY WALLS REQUIRE VERTICAL JOINTS AT 8000 CTS.  
REFER TO MASONRY WALL DETAILS ON THIS DWG.

NOTE:  
BORED PIERS WITHIN THE ZONE OF INFLUENCE OF ADJACENT SEWER TO BE FOUNDED MIN. 400mm BELOW ZONE OF INFLUENCE OF EXISTING SEWER. REFER TO DETAILS & BORED PIER NOTES FOR MIN. BEARING CAPACITY.

NOTE:  
THE STORMWATER PIPE LOCATION & DEPTH IS IN ACCORDANCE WITH SERVICE PROTECTION REPORT OF GREG HOUSTON PLUMBING PTY LTD. ISSUE RELEASE DATED 18/11/2020.  
STORMWATER PIT AT 'A' - 1.40m TO INVERT  
STORMWATER LINE AT 'B' - 1.06m TO INVERT  
STORMWATER LINE AT 'C' - 1.40m TO INVERT

NOTE: BORED PIERS ARE NOT REQUIRED TO BE INSTALLED WHERE SLAB BEAMS ARE FOUNDED DIRECTLY ON ROCK.

#### LEGEND

- DENOTES LOCATION OF **300 DEEP** PODS. POD SIZE: 1090 x 1090 (CUT PODS AS REQUIRED)
- DENOTES LOCATION OF **225 DEEP** PODS. POD SIZE 1090 x 1090 (CUT PODS AS REQUIRED)
- POD LAYOUT STARTING POINT
- DENOTES **Ø400** CONC. PIERS. REFER TO BORED PIER NOTES ON THIS DWG & TO BORED PIER DETAIL ON DWG S01.02.
- DENOTES 2-N12 (75 SPACING 1200 LONG) TRIMMERS TOP LOCATED 50 FROM ALL RE-ENTRANT CORNERS, TYPICAL
- DENOTES BRICK WALL OVER
- DENOTES STUD FRAMED WALL OVER
- DENOTES STEP DOWN
- DENOTES 45mm WET AREA SETDOWN, REFER TO DETAIL

NOTE: DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL PLANS. VERIFY DIMENSIONS ON SITE

E	27.09.21	REVISED TO SUIT COMMENTS	D.B.
D	10.09.21	ULTRAFLOOR DETAILS ADDED	D.B.
C	16.08.21	RETAINING WALL DETAILS REVISED	D.B.
B	05.07.21	STORMWATER LINE DETAILS ADDED	D.B.
A	05.05.21	ISSUED FOR APPROVAL	D.B.
REV	DATE	DESCRIPTION	BY

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#### PROPOSED RESIDENCE AT 10 GARDERE AVENUE, CURL CURL FOR MILLBROOK HOMES

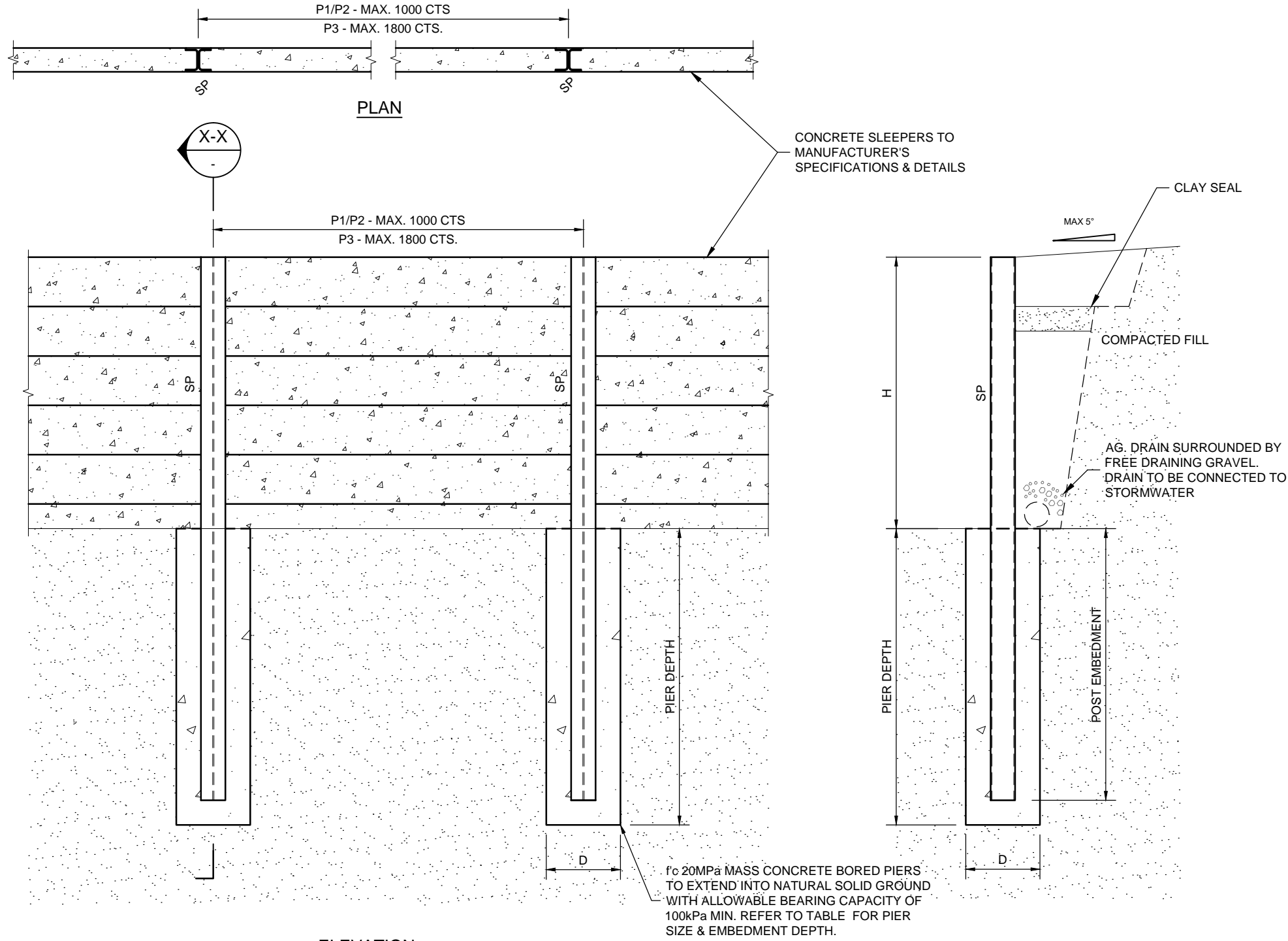
#### GROUND SLAB LAYOUT PLAN

JOB NUMBER: 20503	DWG NUMBER: S01.01	ORIGINAL SIZE: A2
DESIGNED BY: B.C.	DATE: OCTOBER 2020	
DRAWN BY: D.B.	SCALE: 1:100 U.N.O.	



STRUCTURAL MEMBER SCHEDULE							
MARK	HEIGHT	DESCRIPTION	SIZE	COMMENTS	PIER DIAMETER	PIER DEPTH	POST EMBEDMENT
P1	1400	STEEL POST	100 UC 14.8	GALVANISED GRADE 300 PLUS	300	700 INTO ROCK 1200 INTO STIFF CLAY	600 1100
P2	1800	STEEL POST	150 UC 23.4	GALVANISED GRADE 300 PLUS	400	1400	1300
P3	1600	STEEL POST	150 UC 23.4	GALVANISED GRADE 300 PLUS	400	1600	1500

NOTE: ALL STEEL TO BE HOT DIPPED GALVANISED



CONCRETE SLEEPER RETAINING WALL DETAIL  
1:20

SECTION  
1:20

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PROPOSED RESIDENCE  
AT 10 GARDERE AVENUE, CURL CURL  
FOR MILLBROOK HOMES

GROUND DETAILS SHEET 3

JOB NUMBER: 20503	DWG NUMBER: S01.04	ORIGINAL SIZE: A2
DESIGNED BY: B.C.	DATE: OCTOBER 2020	
DRAWN BY: D.B.	SCALE: 1:100 U.N.O.	