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# LATE ITEMS BUSINESS PAPER

## General Meeting

**Wednesday 24 May 2017**

Roma Administration Centre

### NOTICE OF MEETING

Date: 24 May 2017

Mayor:

Councillor T D Golder

Deputy Mayor:  
Councillors:

Councillor J L Chambers  
Councillor N H Chandler  
Councillor P J Flynn  
Councillor G B McMullen  
Councillor W M Newman  
Councillor C J O'Neil  
Councillor D J Schefe  
Councillor J M Stanford

Chief Executive Officer:

Ms Julie Reitano

Senior Management:

Mr Cameron Castles (Director Infrastructure Services)  
Mr Rob Hayward (Director Development, Facilities &  
Environmental Services)  
Ms Sharon Frank (Director Corporate, Community & Commercial  
Services)

Officers:

Ms Jane Frith (Coordinator Communications)

Please find attached agenda for the **General Meeting** to be held at the Roma Administration Centre on  
**May 24, 2017 at 9.00AM.**



Julie Reitano  
**Chief Executive Officer**

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## **OFFICER REPORT**

**Meeting:** General 24 May 2017

**Date:** 23 May 2017

**Item Number:** L.1

**File Number:** D17/38837

**SUBJECT HEADING:** Update on Netball Courts Project

**Classification:** Open Access

**Officer's Title:** Manager - Enterprise Risk, Program & Contract Management

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### **Executive Summary:**

As part of the 2016/17 Budget adoption, Council included a **\$1.268M budget provision** for the construction of a new eight (8) court netball complex in Roma. This report outlines a summary of the project to date, with the view of confirming the location to allow the project to progress to the detailed design stage.

### **Officer's Recommendation:**

That Council:

1. Endorse the location of the Netball Complex Project, as per the preliminary design drawings; and the project's progression to the detailed design stage.
2. Authorise the Chief Executive Officer, or delegate, to explore funding opportunities, to the value of \$100,000, for the installation of lighting for the netball complex project.

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### **Body of Report:**

- As part of the 2016/17 Budget adoption, Council included a **\$1.268M budget provision** for the construction of a new eight (8) court netball complex in Roma.
- Council was successful in securing \$850,000 in funding under the *Get Playing Plus Program* with the Queensland Government.
- The agreement, under the *Get Playing Plus Program*, requires that the funds be acquitted, and project delivered, by **30 September 2018**.
- On **08 March 2017**, and following a call for quotations, Council awarded Brandon and Associates the design contract for the project. The two main deliverables under the contract are: (1) preliminary design drawings and cost estimate; and (2) detailed design drawings and cost estimate.

- At the Council Workshop held on 19 April 2017, a project update was presented to the Elected Members. The update included the presentation of the preliminary design drawings and preliminary cost estimate.

For completeness, a copy of the preliminary design drawings have been included as an attachment to this report.

- Several items were discussed at the workshop, including:
  - proposed location of the netball complex (refer details below);
  - consideration to be given to include additional shade;
  - review of clubhouse scope and sizing;
  - consideration to be given to lighting arrangements and whether it could be delivered under a staged approach (i.e. underground infrastructure completed during the initial works).
- It was also noted that the preliminary cost estimate currently exceeded the budget provision by approximately \$200,000. This was to be further refined, with the view to the project coming within budget constraints, during the detailed design and estimate stage.
- The proposed location was discussed at length during the workshop on 19 April 2017. It was agreed that, prior to progressing to the detailed design stage, the proposed area be marked out to allow for analysis of the impact it may have on the Roma Show. Details of the impact were to be re-tabled at a subsequent Council Workshop following the Roma Show.
- At the Council Workshop held on 23 May 2017, the topic was re-presented to Councillors for discussion. Several photos, both aerial and from the ground, were presented to facilitate deliberations.
- Following consensus at the workshop for the location of the project, the next steps were also discussed. These steps include detailed design and estimate, development application, building application, tender offer, tender award and construction.

**Consultation (internal/external):**

Director – Development, Facilities & Environmental Services

Chief Executive Officer

Specialist – Sport & Recreation

Elected Members, Workshops on 19 April and 23 May.

**Risk Assessment (Legal, Financial, Political etc.):**

Key risks include:

- A funding constraint exists for this project. The funding agreement requires that the funds be acquitted, and the project delivered, by **30 September 2018**.



**Policy Implications:**

Nil. It should be noted that, as part of the 2016/17 Budget adoption, a media release specific to the netball complex project was published [dated 29 July 2016]. A copy of this release has been included as an attachment to this report.

**Financial Resource Implications:**

Nil.

**Link to Corporate Plan:**

Corporate Plan 2014-2019

Strategic Priority 7: Vibrant Communities, Beautiful Towns

7.3 Facilities

7.3.1 Facilities

**Supporting Documentation:**

<a href="#"><u>1</u></a>	Preliminary Design of Netball Courts and Clubhouse	D17/38838
<a href="#"><u>2</u></a>	Media Release - Netball Courts	D17/38839

**Report authorised by:**

Director - Development, Facilities & Environmental Services

# MARANOA REGIONAL COUNCIL

## DESIGN OF NETBALL COURTS AND CLUBHOUSE

LOT 1 on RP173063, BASSETT PARK, ROMA

DRAWING INDEX		
DRAWING	NUMBER	SHEET NAME
172112	01	SITE PLAN
172112	02	EARTHWORKS
172112	03	CLUBHOUSE FLOOR PLAN
172112	04	CLUBHOUSE ELEVATIONS
172112	05	COURTS - SLAB DESIGN
172112	06	SLAB & FOOTING DETAILS
172112	07	SLAB & FOOTING TABLE & NOTES
172112	08	FOOTING INTERSECTION DETAILS
172112	09	FLEXIBLE FITTINGS DETAILS - SHEET 1
172112	10	FLEXIBLE FITTINGS DETAILS - SHEET 2
172112	11	CONSTRUCTION NOTES
172112	12	SITE PREPARATION REQUIREMENTS



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 ROMA 24 Quintin St (PO Box 543) Roma P (07) 4622 3799 F (07) 4622 2041 E [roma@brandoneng.com](mailto:roma@brandoneng.com)  
 TOOWOOMBA Level 1, 218 Anzac Ave (PO Box 36, Drayton North) Toowoomba P (07) 4636 4100 F (07) 4636 4300 E [toowoomba@brandoneng.com](mailto:toowoomba@brandoneng.com)

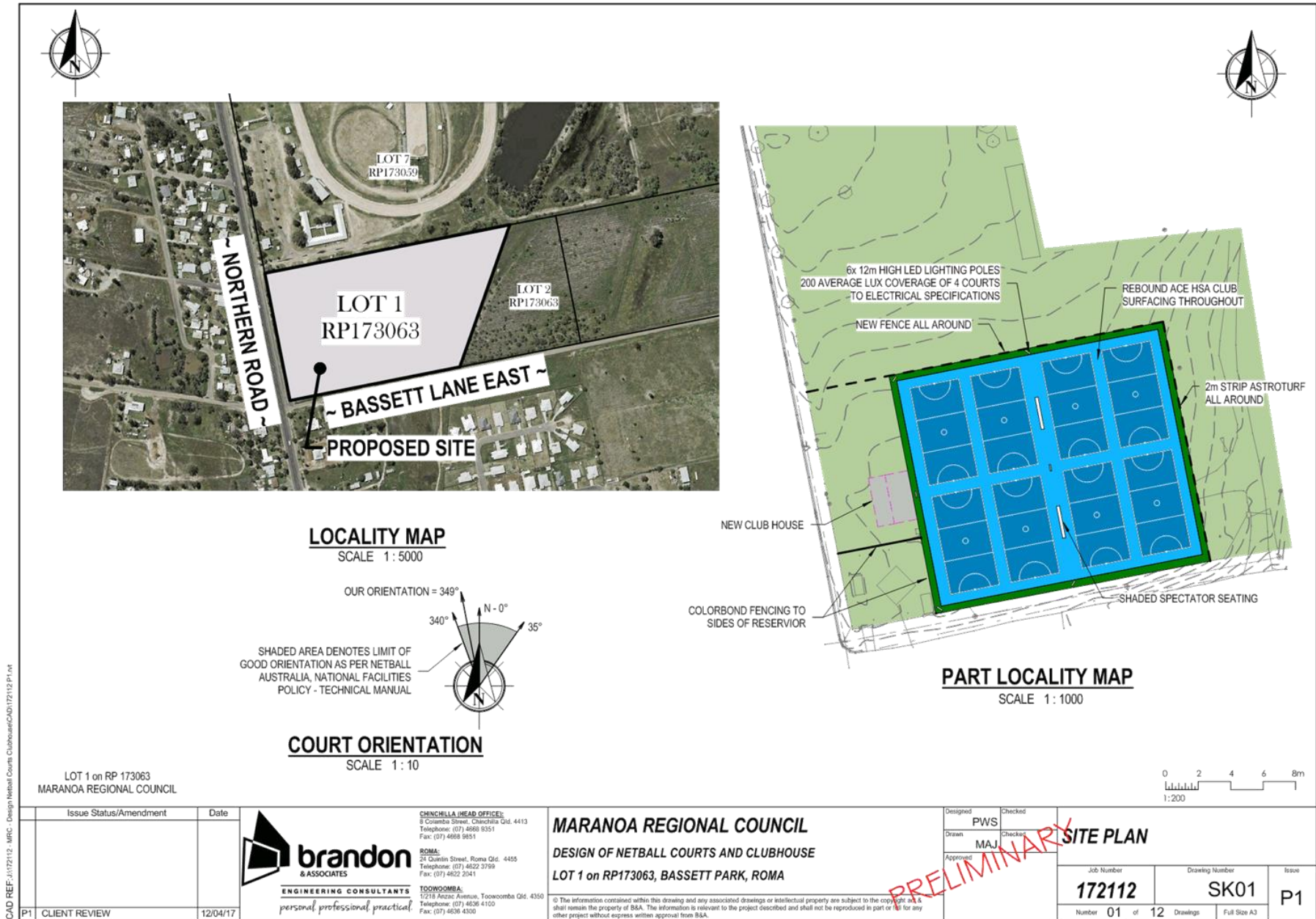
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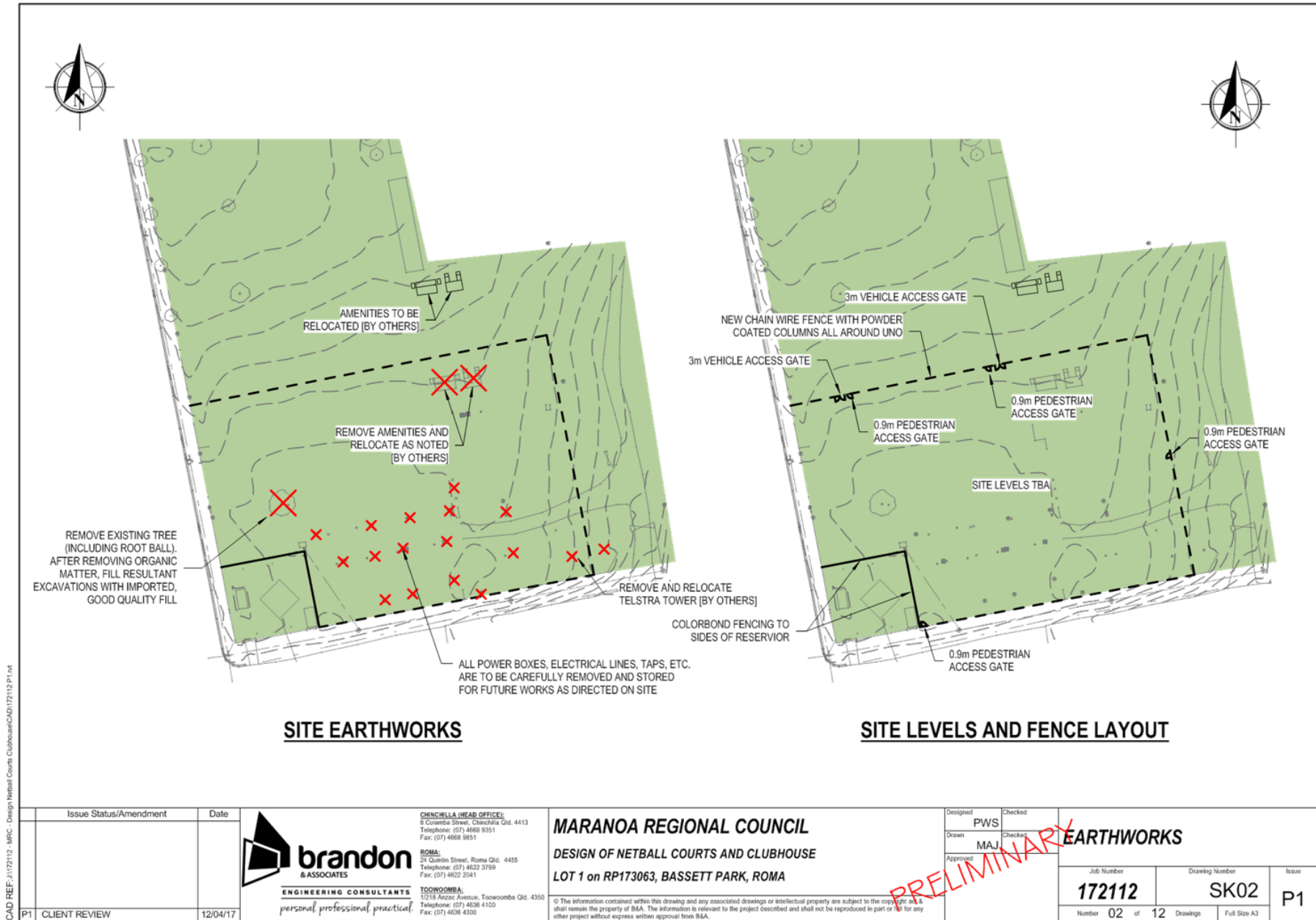
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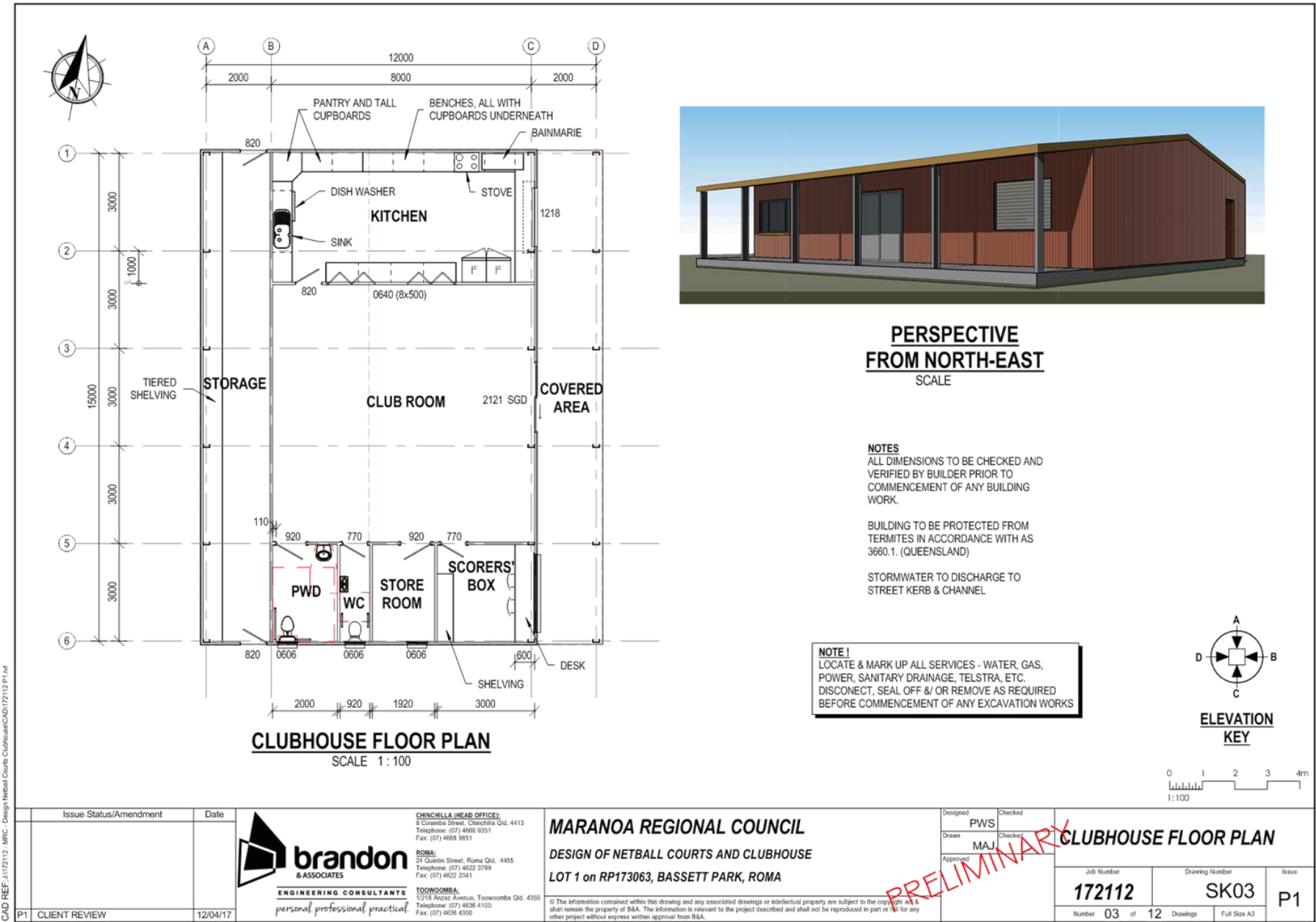


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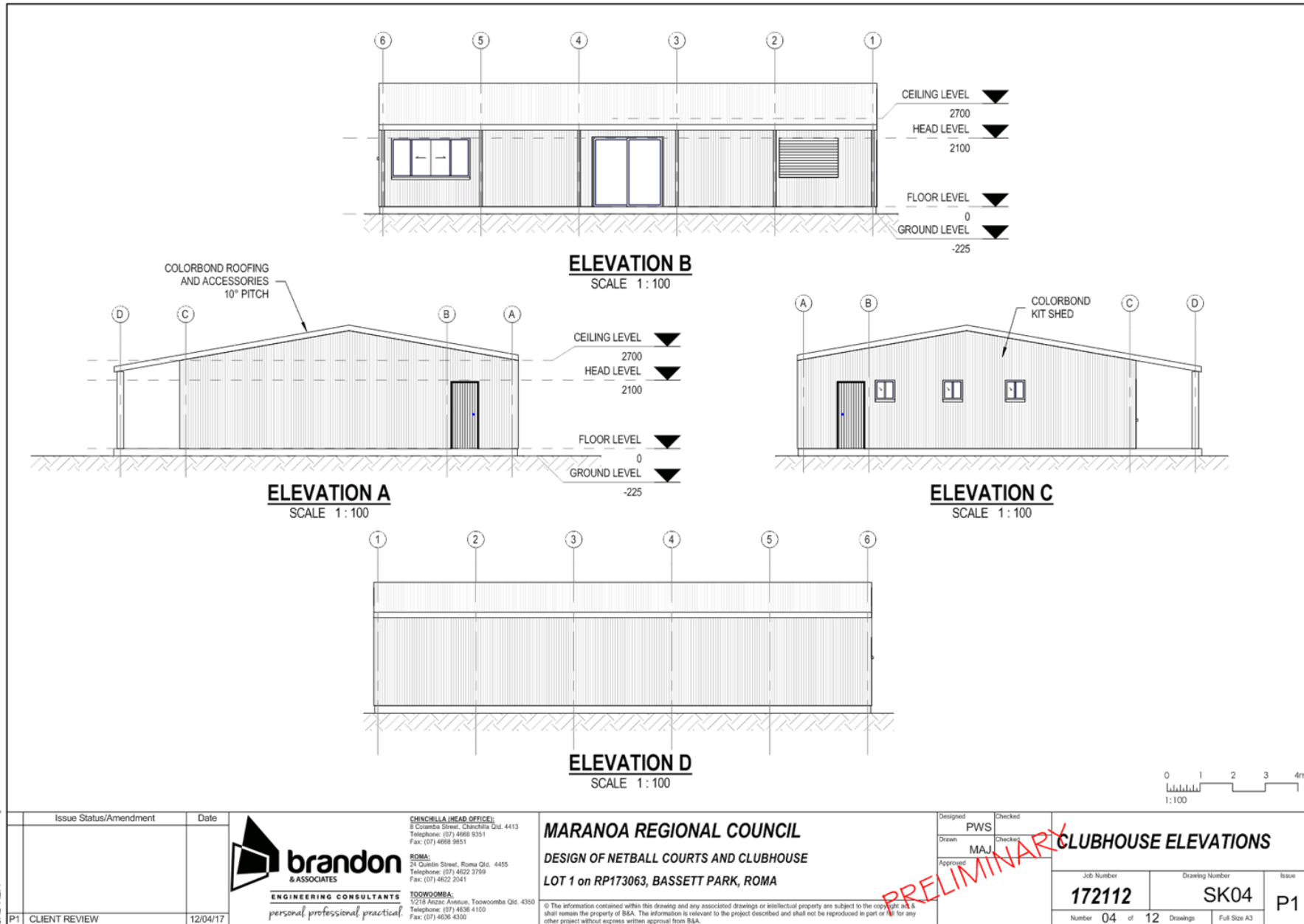


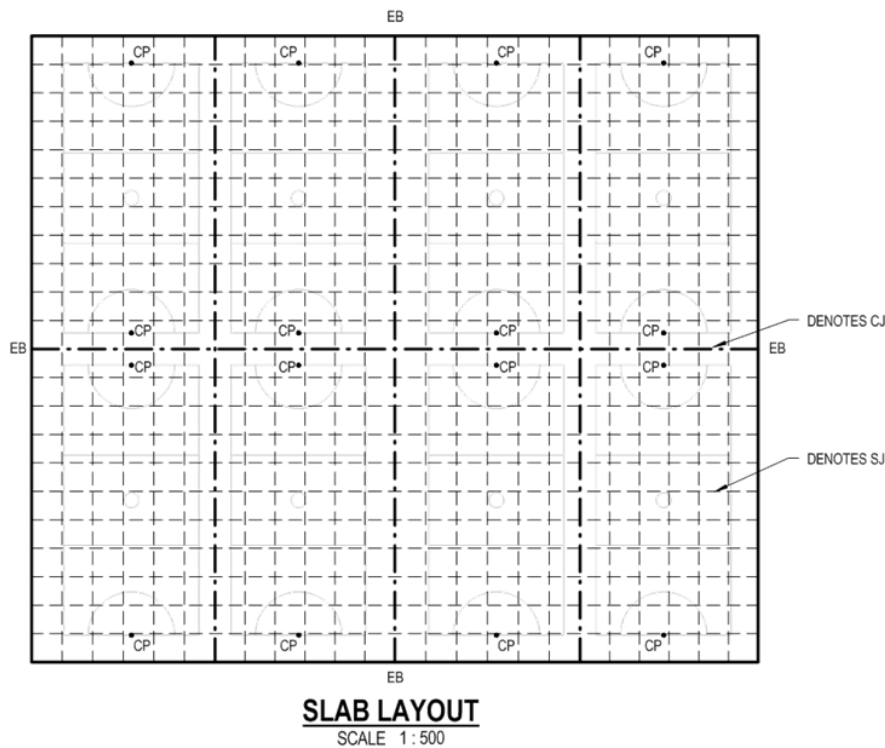










**SLAB & FOOTING SCHEDULE**

EB	EDGE BEAM
CJ	25 DEEP CRACK INDUCER PLACED FLUSH WITH SLAB SURFACE AT TIME OF POUR
SJ	25 DEEP SAWN JOINT INSTALLED WITHIN 18HRS OF POURING
CP	CAST-IN GOAL POST BASE AS PER MANUFACTURER'S DETAILS

## CONCRETE QUALITY

ELEMENT	STRENGTH GRADE (MPa)	SLUMP (mm)	MAXIMUM AGGREGATE SIZE (mm)	PROJECT ASSESSMENT REQUIRED
FOOTINGS	N25	100	20	YES
SLAB	N25	100	20	YES


**100 THICK CONCRETE SLAB**  
**SL82 MESH, 40 TOP COVER**

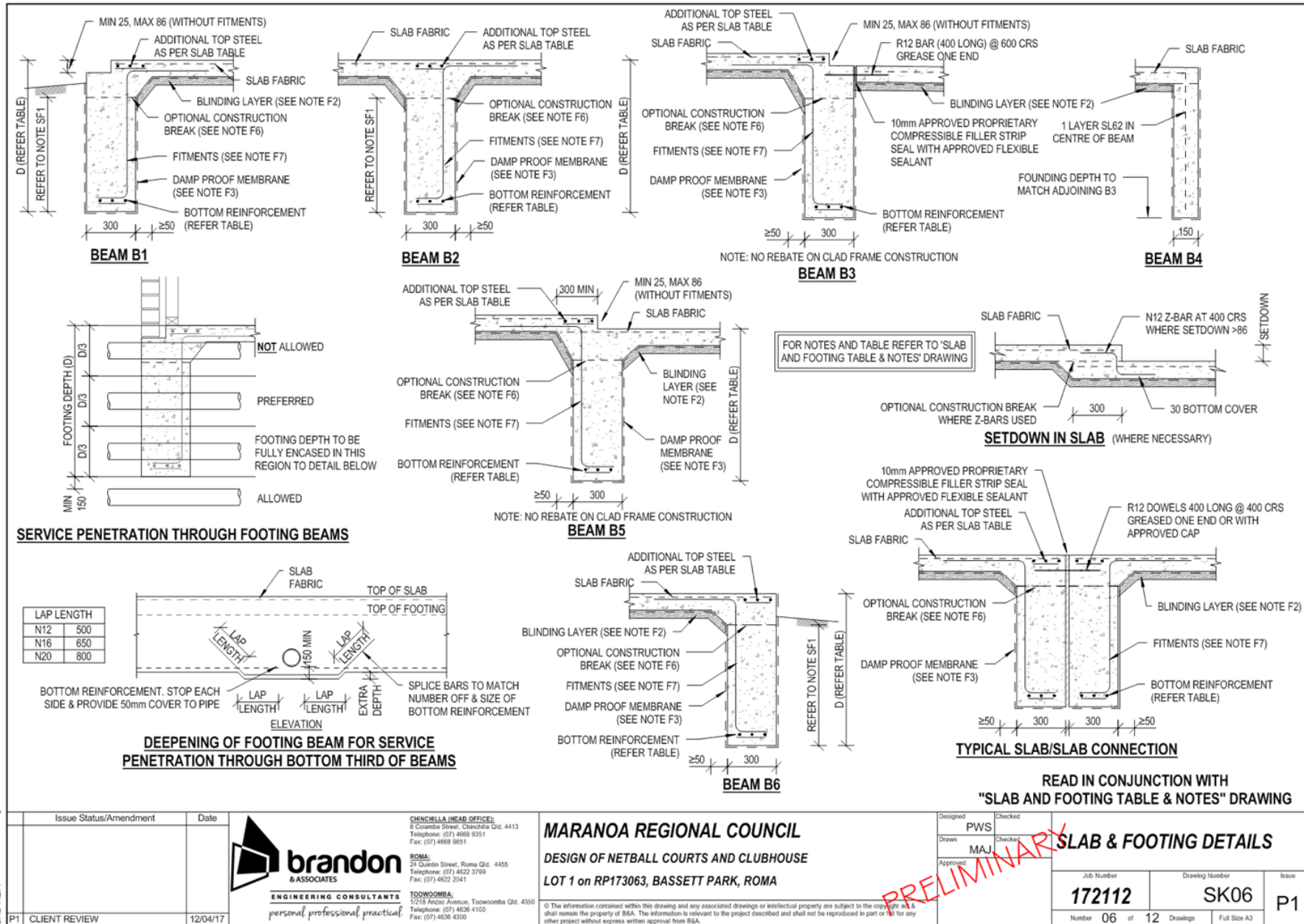
1. USE SL 92 MESH UNDER TILED AREAS.
2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DIMENSIONED FLOOR PLAN.
3. REFER TO 'SLAB AND FOOTING DETAILS' AND 'SLAB AND FOOTING TABLE AND NOTES' AND 'FOOTING INTERSECTION DETAILS' DRAWINGS FOR CONSTRUCTION REQUIREMENTS.
4. REFER TO 'SITE PREPARATION REQUIREMENTS' DRAWING FOR EXTERNAL SITE WORKS.

SITE CLASS: M-D

CHARACTERISTIC SURFACE MOVEMENT: 30-40mm

CAD REF: J1172112\_MRC - Design Netball Courts Clubhouse/CAD172112.P1.rvt

Issue Status/Amendment		Date	 <p><b>brandon &amp; ASSOCIATES</b> ENGINEERING CONSULTANTS personal professional practical</p>		<p><b>CHINCHILLA HEAD OFFICE:</b> 8 Columbia Street, Chinchilla Qld. 4413 Telephone: (07) 4668 9351 Fax: (07) 4668 9851</p> <p><b>ROMA:</b> 21 Quentin Street, Roma Qld. 4455 Telephone: (07) 4622 3799 Fax: (07) 4622 2041</p> <p><b>TOOWOOMBA:</b> 1218 Anzac Avenue, Toowoomba Qld. 4350 Telephone: (07) 4636 4100 Fax: (07) 4636 4300</p>		<p><b>MARANOA REGIONAL COUNCIL</b> <b>DESIGN OF NETBALL COURTS AND CLUBHOUSE</b> <b>LOT 1 on RP173063, BASSETT PARK, ROMA</b></p> <p><small>© The information contained within this drawing and any associated drawings or intellectual property are subject to the copyright act, &amp; shall remain the property of B&amp;A. The information is relevant to the project described and shall not be reproduced in part or in full for any other project without express written approval from B&amp;A.</small></p>		Designed PWS	Checked	<p><b>COURTS - SLAB DESIGN</b></p>		
P1		CLIENT REVIEW							Drawn MAJ	Checked	Job Number <b>172112</b>	Drawing Number <b>SK05</b>	Issue <b>P1</b>
									Approved		Number 05 of 12 Drawings	Full Size A3	





**SANITARY DRAINAGE NOTES**

- SD1. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH AS3500 "NATIONAL PLUMBING AND DRAINAGE CODE" PARTS 2.1 AND 2.2.
- SD2. SERVICE TRENCHES SHALL BE NO CLOSER THAN 2m TO THE FOOTINGS AND SHALL SLOPE AWAY FROM BUILDINGS. ALL TRENCHES TO BE PLUGGED WITH CLAY/BENTONITE AT OUTSIDE OF WALL LINE TO PREVENT MOISTURE INGRESS UNDER BUILDING.
- SD3. ALL DRAINAGE LINES SHALL BE TAKEN UNDER FOOTING BEAMS WHERE POSSIBLE.
- SD4. FLEXIBLE PLUMBING FITTINGS ARE TO BE USED FOR ALL SITES EXCLUDING 'S' CLASSIFICATION SITES. TYPE OF FITTING TO MATCH SITE CLASSIFICATION.
- SD5. WHERE A WASTE PIPE PENETRATES A FOOTING BEAM THE WASTE PIPE IS TO BE WRAPPED IN "ABELFLEX" OR EQUIVALENT AND THE BEAM SHALL BE DEEPEMED TO ENSURE THE PIPE PENETRATES THE MIDDLE THIRD OF THE BEAM. THIS DEEPEMED SHALL BE EXTENDED 1000mm EACH SIDE OF THE PIPE. FLEXIBLE PIPE JOINTS ARE TO BE PROVIDED EACH SIDE OF PENETRATION.
- SD6. DRAINAGE LINES SHALL INCLUDE AN INSPECTION OPENING AT THE LOWEST POINT OF THE SYSTEM.
- SD7. ALL DRAINAGE WORK SHALL BE TESTED FOR LEAKAGE SIX (6) MONTHS AFTER CONSTRUCTION, AND IT IS RECOMMENDED THAT THIS OCCUR AT TWELVE (12) MONTH INTERVALS THEREAFTER.
- SD8. DN40, DN50, DN65 PIPES SHALL HAVE MINIMUM GRADE OF 1 IN 40 (2.5%).
- SD9. DN80, DN100 PIPES SHALL HAVE MINIMUM GRADE OF 1 IN 60 (1.65%).
- SD10. PIPES UNDER FOOTINGS SHALL HAVE A MIN. CLEARANCE OF 75mm FROM TOP OF PIPE TO UNDERSIDE OF FOOTING.
- SD11. ALL BATHS AND SHOWERS TO FLOOR WASTE TO BE MAXIMUM 1200mm UNTRAPPED OR MAXIMUM 2500mm TRAPPED.
- SD12. FOR TWO STOREY BUILDINGS NO CONNECTION SHALL BE MADE CLOSER THAN 500mm DOWNSTREAM OR UPSTREAM OF THE BASE OF THE STACK.
- SD13. ALL UNVENTED BRANCH DRAINS TO BE MAXIMUM 10000mm LENGTH.
- SD14. ALL WORKS TO BE IN ACCORDANCE WITH THE PLUMBING & DRAINAGE ACT, PLUMBING & DRAINAGE CODE AND AS3500 AND ANY OTHER RELEVANT DOCOS OF PRACTICE.
- SD15. WORK SHALL BE TO THE APPROVAL OF THE RELEVANT LOCAL AUTHORITY.
- SD16. ALL SERVICE TRENCHES TO SLOPE AWAY FROM THE BUILDING U.N.O.
- SD17. ALL SERVICE TRENCHES TO BE FULLY BACKFILLED & CAPPED WITH CLAY/BENTONITE MATERIAL AT FACE OF BUILDING TO PREVENT MOISTURE INGRESS.
- SD18. ALL SERVICE TRENCHES TO BE PLUGGED FULL DEPTH OF TRENCH EXCAVATION WITH CLAY / BENTONITE BACKFILL TO PREVENT MOISTURE TRACKING ALONG BEDDING MATERIAL TOWARDS BUILDING.

**SLAB & FOOTING NOTES**

- F1. ANY SOFT SPOTS SHALL BE EXCAVATED TO SOUND MATERIAL AND BACKFILLED WITH 15MPA CONCRETE.
- F2. A 50mm BLINDING LAYER OF SAND OR CRUSHER DUST SHALL BE PROVIDED UNDER ALL SLAB PANELS.
- F3. A 0.2mm DAMP PROOF MEMBRANE SHALL BE PLACED SO THAT THE BOTTOM SURFACE OF THE SLAB, INCLUDING INTERNAL BEAMS, IS ENTIRELY UNDERLAID. THIS MEMBRANE SHALL EXTEND UNDER THE EDGE BEAM TO GROUND LEVEL, HOWEVER, WHERE JUSTIFIED BY SATISFACTORY LOCAL EXPERIENCE, MAY BE TERMINATED AT THE INTERNAL FACE OF EXTERNAL BEAMS.
- F4. THE FINISHED SLAB HEIGHT IS TO BE A MINIMUM OF 225mm AND A MAXIMUM OF 450mm ABOVE PLATFORM LEVEL, TO APPROVAL OF LOCAL GOVERNMENT.
- F5. FOR BLOCKWORK, PROVIDE STARTER BARS TO DETAILS ON BLOCKWORK DRAWINGS.
- F6. HORIZONTAL CONSTRUCTION JOINTS ARE PERMITTED IN EDGE AND INTERNAL BEAMS ON 'A', 'S', 'M', 'M-D', 'H1', 'H2', 'H1-D' & 'H2-D' SITES PROVIDED THE CONCRETE TO CONCRETE JOINT IS AT LEAST 150mm WIDE AND FITMENTS ARE PROVIDED AS FOLLOWS;
- A, S, M, H1, H2 : R10 @ 600 CRS  
M-D : N12 @ 600 CRS  
H1-D, H2-D : N12 @ 400 CRS
- F7. FITMENTS ARE REQUIRED WHERE REBATE EXCEEDS 86 AND/OR WHERE CONSTRUCTION BREAK IS USED. FITMENTS SHALL BE AS PER NOTE F6.
- F8. MINIMUM PATIO/VERANDAH FALLS SHALL BE THE MAXIMUM OF 5% OR :
- CLASS S - 20mm  
CLASS M OR M-D - 40mm  
CLASS H1, H2 OR H1-D, H2-D - 70mm
- F9. SERVICE TRENCHES SHALL BE NO CLOSER THAN 2m TO THE FOOTINGS AND SHALL SLOPE AWAY FROM BUILDINGS. ALL TRENCHES TO BE PLUGGED WITH CLAY/BENTONITE AT OUTSIDE OF WALL LINE TO PREVENT MOISTURE INGRESS UNDER BUILDING.
- F10. USE SL92 MESH UNDER TILED AREAS.

**TABLE 2**

ALTERNATIVE SLAB FABRIC	SPECIFIED SLAB FABRIC		
	SL102	SL92	SL82
	ADDITIONAL REINFORCEMENT AT TOP OF BEAMS		
SL92	3-L11TM	-	-
SL82	3-N16	3-L11TM	-
SL72	4-N16	4-L12TM	2-L12TM

**TABLE 1**

SITE CLASSIFICATION (Ys VALUE)	EQUIVALENT CONSTRUCTION TYPE	EDGE AND INTERNAL BEAMS		
		DEPTH D (mm)	BOTTOM REINF.	TOP BAR REINF.
CLASS A (ROCK)	CLAD FRAME	300	3-L8TM	-
	ARTICULATED MASONRY VENEER	300	3-L8TM	-
	MASONRY VENEER	300	3-L8TM	-
	ARTICULATED FULL MASONRY	400	3-L8TM	-
	FULL MASONRY	500	3-L8TM	-
CLASS S (Ys 0-20mm)	CLAD FRAME	300	3-L8TM	-
	ARTICULATED MASONRY VENEER	300	3-L8TM	-
	MASONRY VENEER	300	3-L11TM	-
	ARTICULATED FULL MASONRY	500	3-L11TM	2N12
	FULL MASONRY	700	2/ 3-L11TM	2N16
CLASS M (Ys 20-40mm)	CLAD FRAME	300	3-L11TM	-
	ARTICULATED MASONRY VENEER	400	3-L11TM	-
	MASONRY VENEER	400	3-L11TM	-
	ARTICULATED FULL MASONRY	625	3-L11TM	2N12
	FULL MASONRY	950	2/ 3-L11TM	2N16
CLASS M-D (Ys 20-40mm)	CLAD FRAME	400	3-L11TM	-
	ARTICULATED MASONRY VENEER	400	3-L11TM	1N12
	MASONRY VENEER	500	3-L12TM	2N12
	ARTICULATED FULL MASONRY	650	3-L12TM	2N16
	FULL MASONRY	1050	2/ 3-L11TM	3N16
CLASS H1 (Ys 40-60mm)	CLAD FRAME	400	3-L11TM	-
	ARTICULATED MASONRY VENEER	400	3-L11TM	1N12
	MASONRY VENEER	500	3-L11TM	3N12
	ARTICULATED FULL MASONRY	750	2/ 3-L11TM	2N16
	FULL MASONRY	1050	2/ 3-L12TM	3N16
CLASS H1-D (Ys 40-60mm)	CLAD FRAME	400	3-L11TM	1N12
	ARTICULATED MASONRY VENEER	500	3-L11TM	2N12
	MASONRY VENEER	650	2/ 3-L11TM	1N16
	ARTICULATED FULL MASONRY	800	2/ 3-L11TM	2N16
	FULL MASONRY	1100	2/ 3-L12TM	3N16
CLASS H2 (Ys 60-75mm)	CLAD FRAME	550	3-L11TM	2N12
	ARTICULATED MASONRY VENEER	600	3-L12TM	2N12
	MASONRY VENEER	750	2/ 3-L11TM	2N16
	ARTICULATED FULL MASONRY	1000	2/ 3-L11TM	2N16
	FULL MASONRY	-	-	-
CLASS H2-D (Ys 60-75mm)	CLAD FRAME	550	2/ 3-L11TM	2N16
	ARTICULATED MASONRY VENEER	700	2/ 3-L11TM	2N16
	MASONRY VENEER	750	2/ 3-L11TM	2N16
	ARTICULATED FULL MASONRY	1000	2/ 3-L11TM	2N16
	FULL MASONRY	-	-	-

SLAB REINFORCEMENT FOR ALL SITE CLASSES SHALL BE AS FOLLOWS:

- a). SL72, WHERE SLAB LENGTH <18m  
b). SL82, WHERE SLAB LENGTH 18m TO 25m  
c). SL92, WHERE SLAB LENGTH >25m AND <30m

SITE CLASS: M-D

EQUIVALENT CONSTRUCTION: SLAD FRAME

CHARACTERISTIC SURFACE MOVEMENT: 30-40mm

READ IN CONJUNCTION WITH "SLAB  
AND FOOTING DETAILS" DRAWING**SLAB & FOOTING TABLE &  
NOTES**

Job Number	Drawing Number	Issue
172112	SK07	P1
Number 07 of 12 Drawings	Full Size A3	

CAD REF: J11712112\_MRC - Design Netball Courts Clubhouse/CAD/1712112 P1.dwg

Issue Status/Amendment	Date
P1 CLIENT REVIEW	12/04/17



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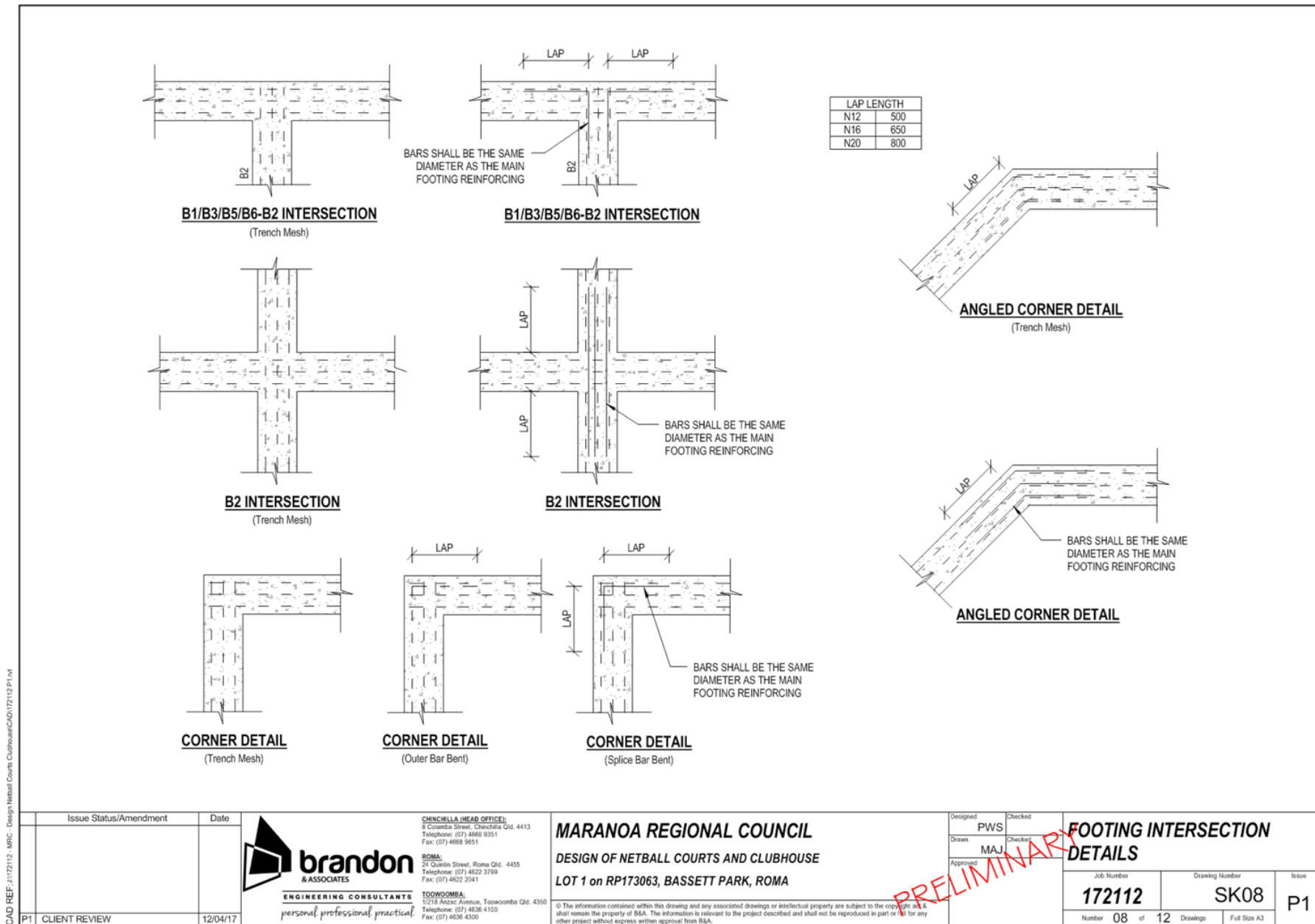
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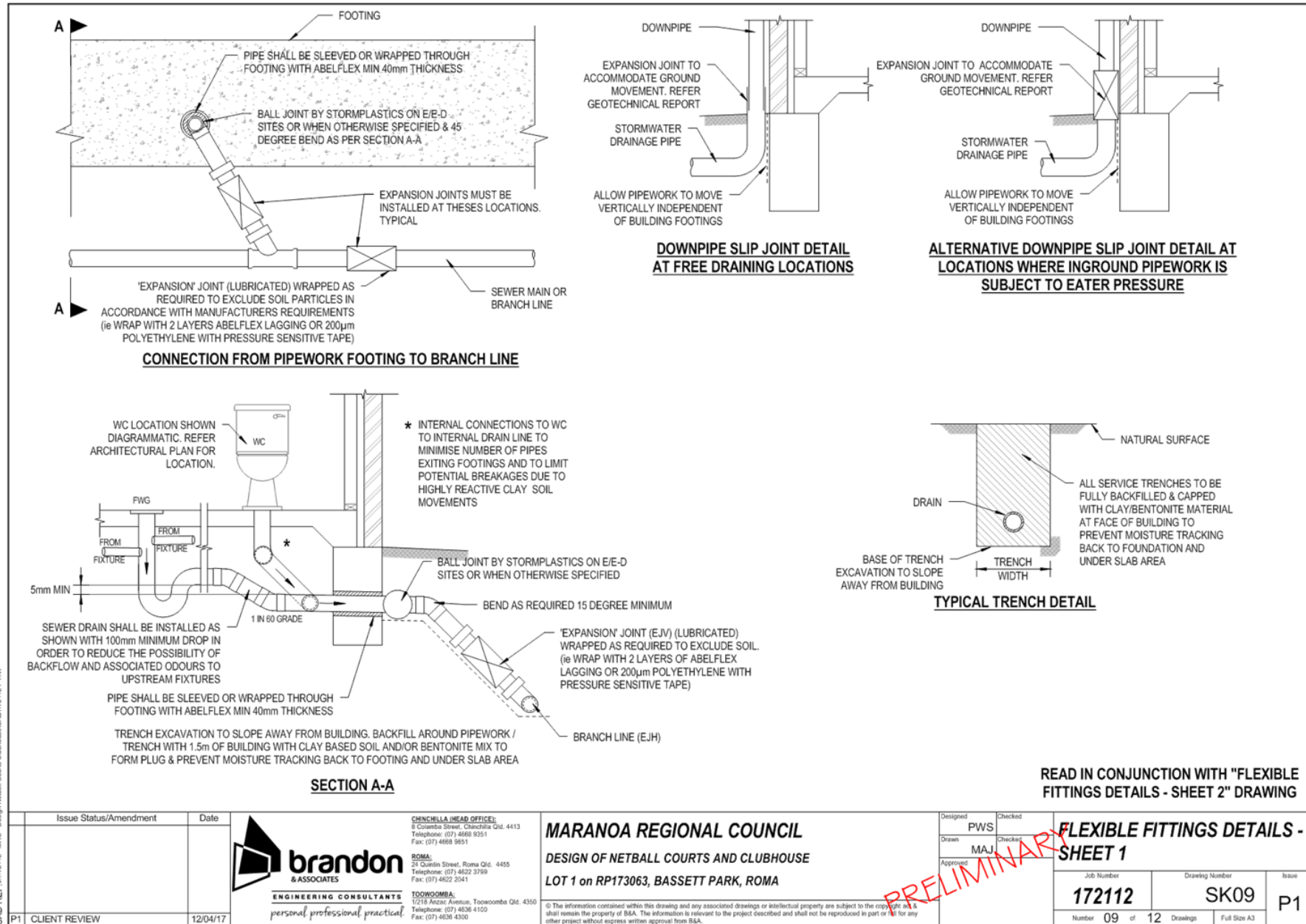
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Fax: (07) 4636 4300

**MARANOA REGIONAL COUNCIL**  
**DESIGN OF NETBALL COURTS AND CLUBHOUSE**  
**LOT 1 on RP173063, BASSETT PARK, ROMA**

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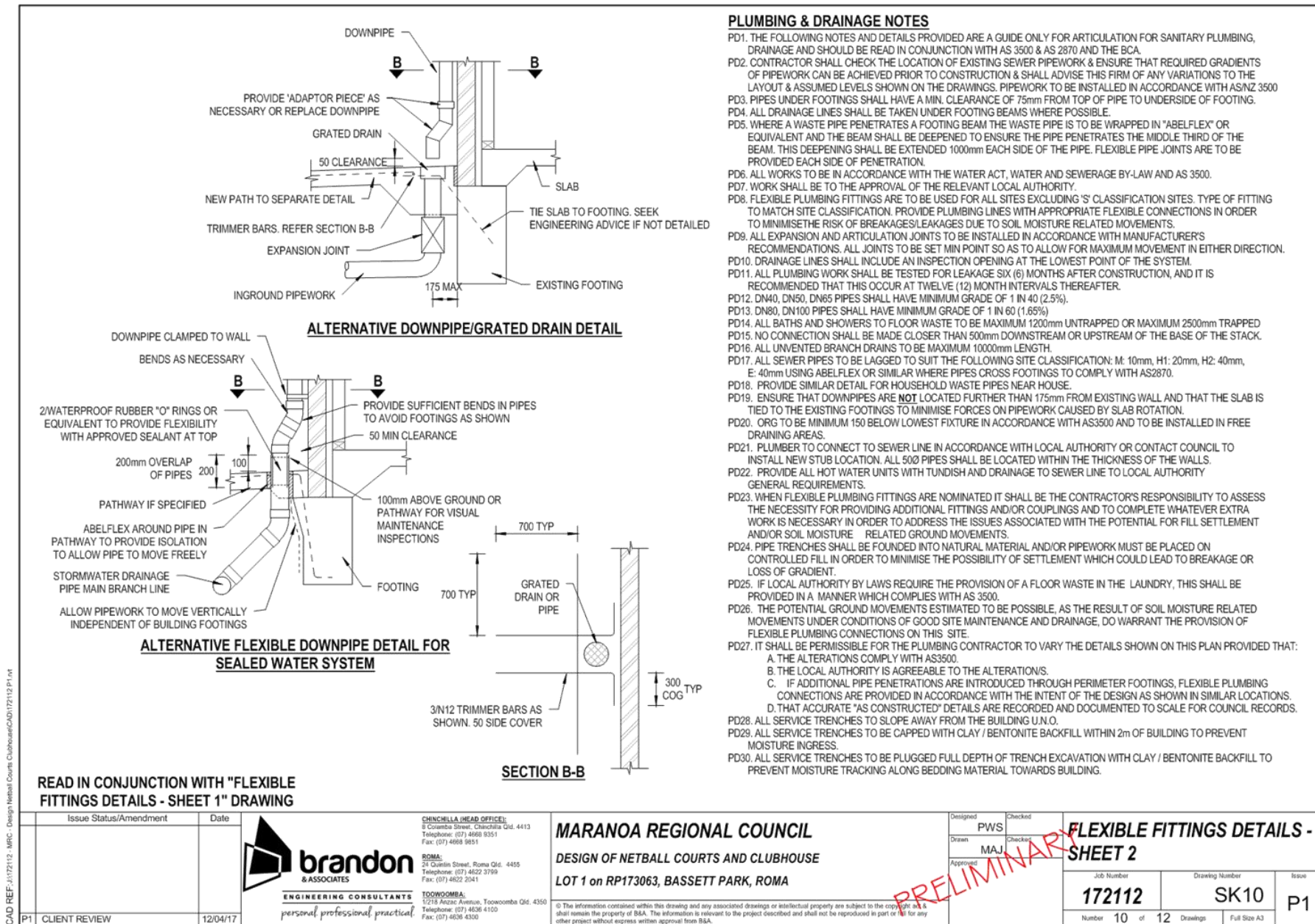
Designed	PWS	Checked
Drawn	MAJ	Checked
Approved		





CAD REF: J112112 - MRC - Design Netball Courts Clubhouse/CAD112112 P1.rvt





**GENERAL NOTES**

- G1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS, OTHER CONSULTANT'S DRAWINGS, THE SPECIFICATION AND OTHER WRITTEN INSTRUCTIONS AS APPLICABLE.
- G2. FIGURED DIMENSIONS TAKE PREFERENCE OVER SCALING OFF THE PLAN. I.E. DO NOT SCALE FROM THESE DRAWINGS. IF IN DOUBT - ASK.
- G3. THE BUILDING CONTRACTOR IS SOLELY RESPONSIBLE FOR THE CORRECT SETTING OUT AND THE EXECUTION OF THE WORK. ALL SETOUT DIMENSIONS ARE TO BE CONFIRMED ON SITE PRIOR TO COMMENCEMENT OF WORK AND VERIFIED WITH DETAILS PREPARED BY SUBCONTRACTORS AND ANY TRADE REQUIREMENTS.
- G4. THE BUILDING CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTING AND MAINTAINING SITE DRAINAGE IN ACCORDANCE WITH THE SITE PREPARATION REQUIREMENTS DRAWING AND OTHER DOCUMENTATION SO AS TO MINIMISE THE IMPACT OF STORMWATER, EROSION & SEDIMENTATION ON THE STRUCTURE, THE SITE, ADJOINING PROPERTIES & PUBLIC INFRASTRUCTURE.
- G5. THE BUILDING CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE SITE AND STRUCTURE IN A SAFE AND STABLE CONDITION DURING CONSTRUCTION. NO STRUCTURAL ELEMENTS SHALL BE OVERSTRESSED BY CONSTRUCTION LOADING.
- G6. WHERE CONDITIONS ENCOUNTERED ON SITE DIFFER FROM THAT WHICH HAS BEEN DOCUMENTED AND/OR WHERE CHANGES TO THE DETAILS ARE PROPOSED, ADVICE SHOULD BE SOUGHT FROM THE ENGINEER. NO LIABILITY WILL BE ACCEPTED FOR CHANGES MADE BY THE BUILDING CONTRACTOR WHICH HAVE NOT BEEN APPROVED IN WRITING.
- G7. WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE RELEVANT CURRENT STANDARDS AND CODES OF PRACTICE (INCLUDING ALL AMENDMENTS) AND BY-LAWS OF THE LOCAL STATUTORY AUTHORITIES, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
- G8. THE STRUCTURE HAS BEEN DESIGNED FOR THE FOLLOWING CRITERIA IN ACCORDANCE WITH AS1170 & N.C.C.:

**DESIGN WIND CONDITIONS**  
 IMPORTANCE LEVEL : 2  
 ANNUAL PROBABILITY OF EXCEEDANCE : 1:500  
 REGION : A4 TERRAIN CAT : 2.5  
 $M_{z,CAT} : 0.87 M_0 : 1.00$   
 $M_1 : 1.00 M_2 : 1.00$   
 ULTIMATE  $V_s : 45\text{m/s}$  SERVICE  $V_s : 37\text{m/s}$   
 (N3 WIND CATEGORY TO AS4055)  
**DESIGN LIVE LOADS**  
 FLOOR LOADS : 1.5kPa (GENERAL)  
 ROOF LOADS : 0.25kPa (GENERAL)

**RESIDENTIAL SLAB ON GROUND NOTES**

- SF1. REGARDLESS OF OVERALL DEPTH 'D' IN TABLE FOOTINGS TO FOUND A MINIMUM OF 300mm INTO NATURAL UNDISTURBED GROUND HAVING A MINIMUM ALLOWABLE BEARING CAPACITY OF 100kPa. REFER TO SITE INVESTIGATION REPORT.
- SF2. FOOTINGS SHALL BE LOCATED CENTRALLY UNDER WALL AND COLUMNS U.N.O.
- SF3. FOOTINGS ARE TO BE EXCAVATED AND HAVE CONCRETE PLACED AS SOON AS POSSIBLE TO AVOID SOFTENING OR DRYING BY EXPOSURE.
- SF4. ALL SITE WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE SITE INVESTIGATION REPORT, SITE PREPARATION REQUIREMENTS DRAWING AND/OR (CUT/FILL) SITE CIVILWORKS DRAWING.
- SF5. ALL DRAINAGE LINES SHALL BE TAKEN UNDER FOOTING BEAMS WHERE POSSIBLE.
- SF6. FLEXIBLE PLUMBING FITTINGS ARE TO BE USED FOR ALL SITES (EXCLUDING 'S' CLASSIFICATION SITES). TYPE OF FITTING TO MATCH SITE CLASSIFICATION.
- SF7. WHERE A WASTE PIPE PENETRATES A FOOTING BEAM THE WASTE PIPE IS TO BE WRAPPED IN 'ABEFLUX' OR EQUIVALENT AND THE BEAM SHALL BE DEEPEMED TO ENSURE THE PIPE PENETRATES THE MIDDLE THIRD OF THE BEAM. THIS DEEPEMED SHALL BE EXTENDED 1000mm EACH SIDE OF THE PIPE. FLEXIBLE PIPE JOINTS ARE TO BE PROVIDED EACH SIDE OF PENETRATION.
- SF8. CRACK CONTROL JOINTS ARE RECOMMENDED FOR EXTERNAL CONCRETE SLABS BUT ARE OPTIONAL FOR INTERNAL CONCRETE SLABS OR AS SHOWN ON DRAWINGS.
- SF9. ALLOWANCE TO BE MADE FOR ARTICULATION OF STRUCTURE  
 - NO CONTINUOUS BRICKWORK OVER DOORS OR WINDOWS  
 - INTERNAL AND EXTERNAL SHEETING TO HAVE VERTICAL JOINTS AT EDGES OF OPENINGS TO DOORS AND WINDOWS  
 - FULL HEIGHT ARTICULATION JOINTS TO BE LOCATED AS SHOWN AND CONSTRUCTED IN ACCORDANCE WITH TECHNICAL NOTE 61 'ARTICULATED WALLING' PUBLISHED BY CEMENT AND CONCRETE ASSOCIATION OF AUSTRALIA. GENERALLY 10mm WIDE FULL HEIGHT BRICKWORK ARTICULATION JOINT. SEAL WITH APPROVED SEALANT OVER FLEXIBLE BACKING ROD AND PROVIDE VERTICAL JOINTS IN INTERNAL SHEETS.
- SF10. IF SOIL CONDITIONS ENCOUNTERED DURING CONSTRUCTION DIFFER FROM THOSE SHOWN IN SI REPORT OR MAY AFFECT THE SITE CLASSIFICATION, PLEASE NOTIFY THIS FIRM.
- SF11. ALL FOOTINGS SHALL FOUND MIN 300mm BELOW 45° INFLUENCE LINE OF SERVICE TRENCHES ADJACENT TO BUILDING, U.N.O.

**REINFORCEMENT NOTES**

- RF1. ALL REINFORCEMENT SHALL BE SUPPORTED ON APPROVED BAR CHAIRS AT NOT GREATER THAN 800mm CENTRES BOTH WAYS. BARS SHALL BE TIED AT ALTERNATE INTERSECTIONS.
- RF2. COVER TO REINFORCEMENT SHALL BE  
 50mm FOOTINGS IN UNPROTECTED GROUND U.N.O.  
 40mm TOP COVER SLAB FABRIC INDUSTRIAL FLOORS U.N.O.  
 30mm TOP COVER SLAB FABRIC RESIDENTIAL & COMMERCIAL FLOORS U.N.O.
- RF3. ALL REINFORCEMENT SHALL BE AS INDICATED:-  
 N - DENOTES GRADE D500N BARS TO AS4671  
 R - DENOTES GRADE 250R HOT ROLLED PLAIN BARS TO AS1302  
 SL/R - DENOTES GRADE D500L WELDED WIRE MESH TO AS4671. REINFORCEMENT IS SHOWN DIAGRAMMATICALLY AND NOT NECESSARILY IN TRUE PROJECTION.
- RF4. THE NOMINAL INTERNAL RADIUS OF REINFORCEMENT BENDS SHALL NOT LESS THAN U.N.O.  
 GRADE 250 BARS - 3 BAR Dia  
 GRADE 500 BARS - 4 BAR Dia  
 ALL OTHER GRADES - 5 BAR Dia
- RF5. CONSTRUCTION JOINTS SHALL BE USED ONLY WHERE SHOWN OR APPROVED.
- RF6. SPLICES IN REINFORCEMENT SHALL ONLY OCCUR IN POSITIONS AS SHOWN OR APPROVED.
- RF7. ALL REINFORCEMENT LAPS ARE TO BE A MINIMUM OF:  
 BARS - 40 BAR DIAMETERS  
 TRENCH MESH - 40 MAIN BAR DIAMETERS  
 SLAB FABRIC - TWO TRANSVERSE BARS OF ONE SHEET TO OVERLAP CORRESPONDING BARS OF INVERTED SECOND SHEET.
- RF8. WELDING OF REINFORCEMENT SHALL NOT BE PERMITTED WITHOUT APPROVAL. TACK WELDING FOR POSITIONING IS ACCEPTABLE.
- RF9. ALL COGS TO BARS 4db (4 x BAR DIAMETER) OR 70mm WHICH EVER IS THE GREATER U.N.O.
- RF10. PROVIDE APPROVED EQUIPOTENTIAL BONDING CONDUCTOR CONNECTED BETWEEN SLAB REINFORCING IN WET AREAS & METER BOX TO AS3000 WIRING RULES.

**CONCRETE NOTES**

- C1. ALL CONCRETE TO BE N25 U.N.O.
- C2. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3600 CONCRETE STRUCTURES.
- C3. THE SPECIFIED DIMENSIONS OF CONCRETE ELEMENTS DOES NOT INCLUDE THE THICKNESS OF APPLIED FINISHES.
- C4. NO HOLES, CHASES OR EMBEDMENT OF PIPES OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE MADE IN CONCRETE MEMBERS WITHOUT APPROVAL.
- C5. FORMWORK SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH AS 3610 FORMWORK FOR CONCRETE.
- C6. CHEMICAL ADMIXTURES SHALL NOT BE USED WITHOUT THE PRIOR APPROVAL OF THE SUPERINTENDENT.
- C7. CONCRETE PLACED DURING ADVERSE DRYING CONDITIONS SHALL HAVE AN EVAPORATIVE RETARDANT APPLIED DURING FINISHING. THIS IS NOT TO BE USED IN LIEU OF CURING.
- C8. CONDUITS, PIPES ETC SHALL BE LOCATED IN THE MIDDLE ONE THIRD OF THE SLAB DEPTH AND SPACED AT NOT LESS THAN THREE DIAMETERS APART.

**ABNORMAL SITE CONDITIONS NOTES**

THE STANDARD DESIGNS REPRESENTED IN OUR DRAWINGS MAY BE SUBJECT TO VARIATION SHOULD ANY OF THE FOLLOWING CONDITIONS BE PRESENT ON SITE:

- ROCK SHELVES, OUTCROPS OR FLOATERS;
- SOFT SOIL SUCH AS UNCONTROLLED FILL OR DEVELOPMENT FILL SITES INCLUDING SOFT CLAY OR SILT OR LOOSE SAND AND/OR WHERE BEARING CAPACITY IS LESS THAN 100kPa;
- DEPTH OF CUT EXCEEDING 0.5m;
- DEPTH OF FILL EXCEEDING 0.4m;
- MINE SUBSIDENCE, LANDSLIPS AND COLLAPSING SOILS;
- SOILS SUBJECT TO EROSION; REACTIVE SUBJECT TO ABNORMAL MOISTURE CONDITIONS AS DETAILS BELOW; OR
- ANY OTHER CONDITIONS SIGNIFYING A SITE THAT CANNOT BE CLASSIFIED "A", "S", "M", "M-D", "H1", "H2", "H1-D", "H2-D", "E" OR "E-D"

ABNORMAL SITE CONDITIONS MAY INCLUDE OR BE CAUSED BY:

- RECENT REMOVAL OF AN EXISTING BUILDING OR STRUCTURE EXPOSING PREVIOUSLY SHELTERED GROUND TO EXTERNAL WEATHER CONDITIONS;
- UNUSUAL MOISTURE CONDITIONS CAUSED BY DRAINS, CHANNELS, PONDS, DAMS OR TANKS WHICH ARE TO BE MAINTAINED OR REMOVED FROM THE SITE;
- CONSTRUCTION IN OR ADJACENT TO KNOWN FLOOD AREAS OR AREAS SUBJECT TO FREQUENT OR EXTENDED PERIODS OF INUNDATION;
- RECENT REMOVAL OF LARGE TREES PRIOR TO CONSTRUCTION;
- TREES LOCATED WITHIN 1.5 TIMES THEIR MATURE HEIGHT FROM A FOOTING;
- GARDEN BEDS POTENTIALLY SUBJECT TO EXCESSIVE AND/OR IRREGULAR WATERING ADJACENT TO THE BUILDING;
- AUTOMATIC SPRINKLER SYSTEM;
- POOR SITE DRAINAGE CONDITIONS; AND/OR
- CONSTRUCTION DURING OR IMMEDIATELY FOLLOWING EXTENDED ABNORMALLY WET OR DRY PERIODS.

THIS FIRM IS TO BE CONTACTED SHOULD ANY OF THE ABOVE CONDITIONS BE PRESENT ON SITE.

- C9. THE ENGINEER SHALL BE GIVEN 24HRS NOTICE FOR REINFORCEMENT INSPECTION AND CONCRETE SHALL NOT BE DELIVERED TO SITE UNTIL FINAL APPROVAL IS GIVEN.
- C10. EXPOSED CONCRETE SURFACES SHALL BE CURED FOR A MINIMUM PERIOD OF SEVEN (7) DAYS BY EITHER COVERING WITH PLASTIC SHEETING, CONTINUOUS WATER CURING OR APPLICATION OF APPROVED CURING COMPOUND.
- C11. THE DESIGN IS INTENDED TO MINIMISE SHRINKAGE CRACKS. CRACKS MAY STILL OCCUR AS A NATURAL CHARACTERISTIC OF CONCRETE.
- C12. CONCRETE SHALL BE COMPACTED DURING PLACEMENT WITH MECHANICAL VIBRATORS. WHERE THE HEIGHT OF FALL DURING PLACEMENT OF CONCRETE EXCEEDS 2 METRES, DROP CHUTES SHALL BE USED.

CAD REF: J1171212 - MRC - Design Netball Courts Clubhouse/CAD/J1171212 P1.rvt

Issue	Status/Amendment	Date
P1	CLIENT REVIEW	12/04/17



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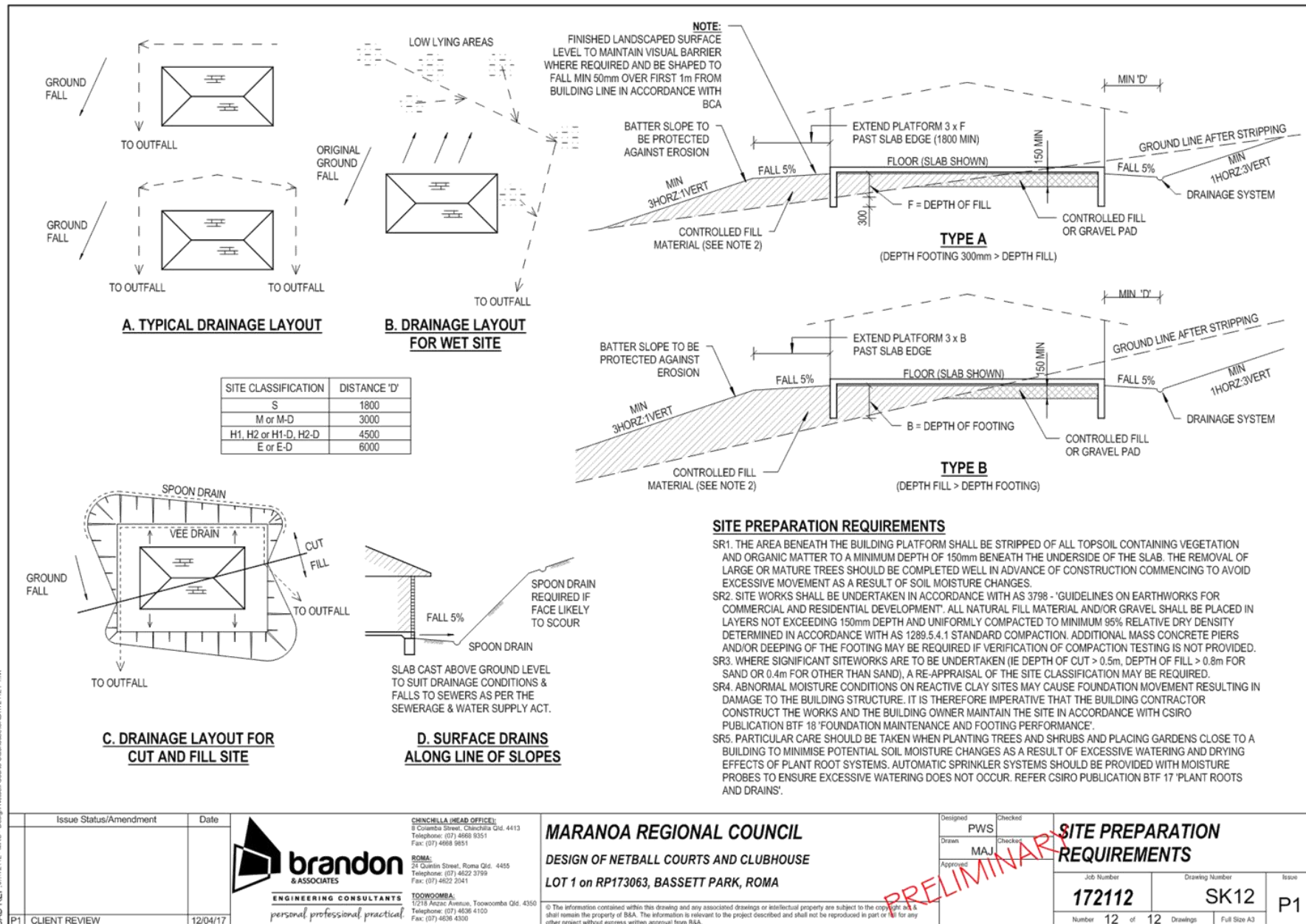
**MARANOA REGIONAL COUNCIL****DESIGN OF NETBALL COURTS AND CLUBHOUSE**

**LOT 1 on RP173063, BASSETT PARK, ROMA**

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Designed	PWS	Checked	
Drawn	MAJ	Checked	
Approved			
<b>PRELIMINARY CONSTRUCTION NOTES</b>			
Job Number		Drawing Number	
<b>172112</b>		<b>SK11</b>	
Number	11	of	12
Drawings	Full Size A3		
Issue			<b>P1</b>





# **MEDIA RELEASE**

**29 July 2016**  
**FOR IMMEDIATE RELEASE**



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## **BUDGET 2016/17**

### **NETBALL COMPLEX WINNER IN THIS YEAR'S BUDGET**

A \$1.268 million netball complex will soon be within reach for Maranoa netball enthusiasts with Council's 2016/17 Budget locking in the project for commencement this financial year.

With the State Government committing \$850,000 and Council contributing \$425,000, the project is a fantastic example of local and state governments working together to provide communities with a facility that will be widely used into the future.

Councillor Peter Flynn, Portfolio Chair for Youth, Recreation and Sport said this project is a huge win for the entire Maranoa.

"This show of support from both Council and the State Government displays commitment to both sport and recreation in the Maranoa, as well as the redevelopment of our multi-functional Bassett Park Complex," Cr Flynn said.

"The completion of the netball complex (which is anticipated for late 2017) will be a significant milestone in the implementation of the Bassett Park Master Plan.

"With a number of projects having been completed over the past few years to revitalise the complex, residents and visitors can now look forward to further improvements with the commencement of this project locked-in for 2016/17."

The netball complex project will include eight netball courts, four team shelters, change rooms, amenities, lighting, clubhouse (with servery) and car parking.

For more on the Budget 2016/17 and/or the Bassett Park Master Plan, visit [www.maranoa.qld.gov.au](http://www.maranoa.qld.gov.au).

**-ENDS-**

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