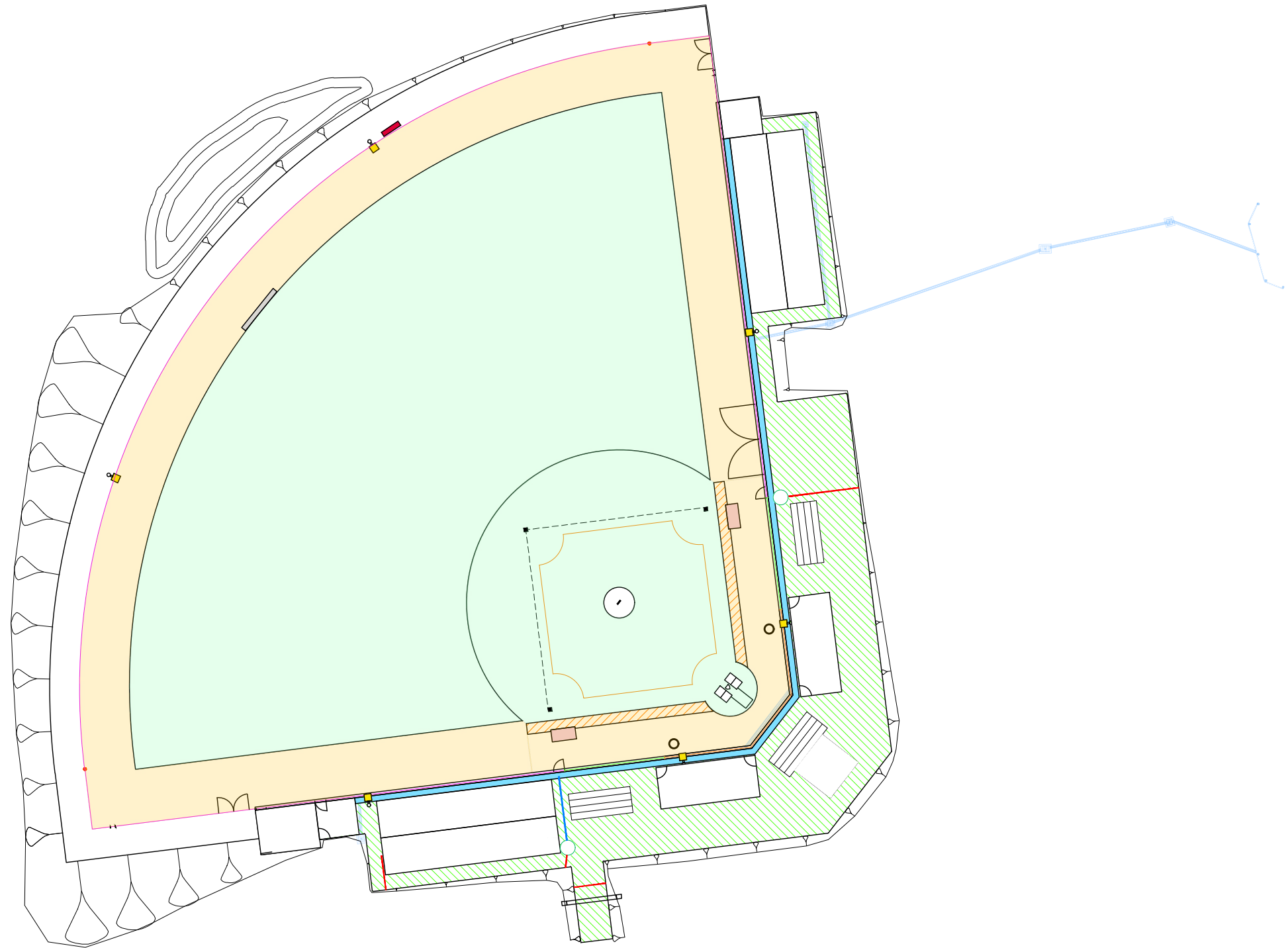


# MASTER PLAN

## CHRIS LANE MEMORIAL LITTLE LEAGUE FIELD



SUB-CONSULTANT:  
 SHANE MUIR CONSULTING ENGINEERS  
 61 Powells Avenue, East Bendigo, VIC. 3550  
 ABN 35 090 257 855  
 PHONE: (03) 5444 2741  
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 2MH Consulting  
2MH CONSULTING ARE THE OFFICIAL FACILITY ADVISORY SERVICE FOR TENNIS VICTORIA & NETBALL VICTORIA  


CLIENT:  
**2MH CONSULTING**

SITE ADDRESS:  
**BOEING RESERVE  
 BOEING ROAD, STRATHMORE HEIGHTS.**

DEVELOPMENT TITLE:  
**CHRIS LANE MEMORIAL  
 LITTLE LEAGUE FIELD**

PLAN DESCRIPTION:  
**MASTER PLAN**



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 CONSTRUCTION

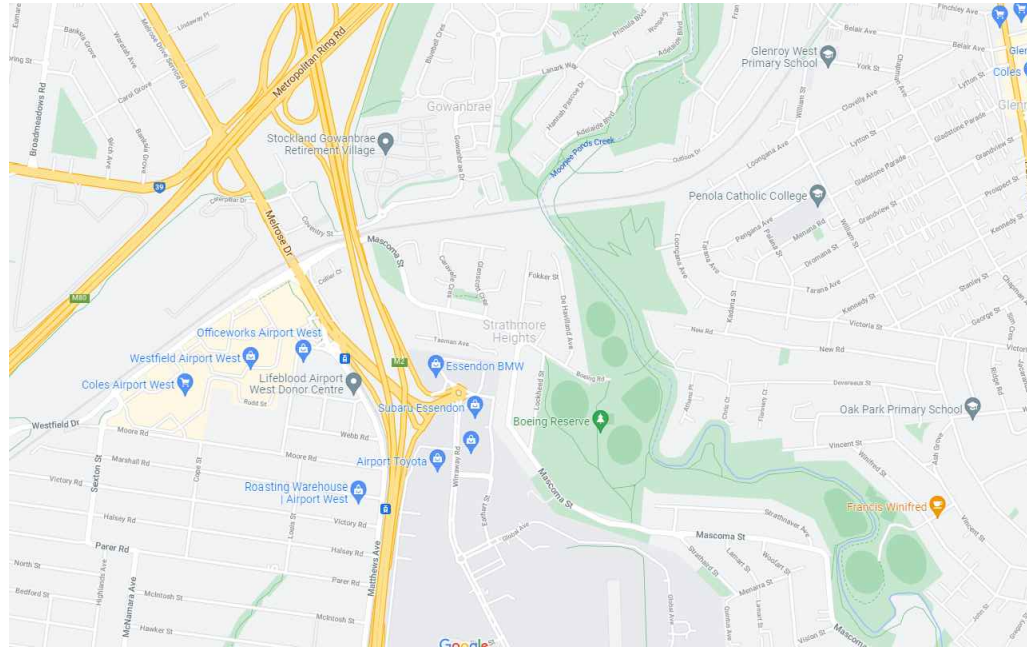
DRAWN: B.L.F.  
 CHECKED: S.K.M.  
 SCALE: AS SHOWN  
 DATE: 18/10/21

DWG No. 2105035  
 COUNCIL  
 SHEET.  
**1 of 20**

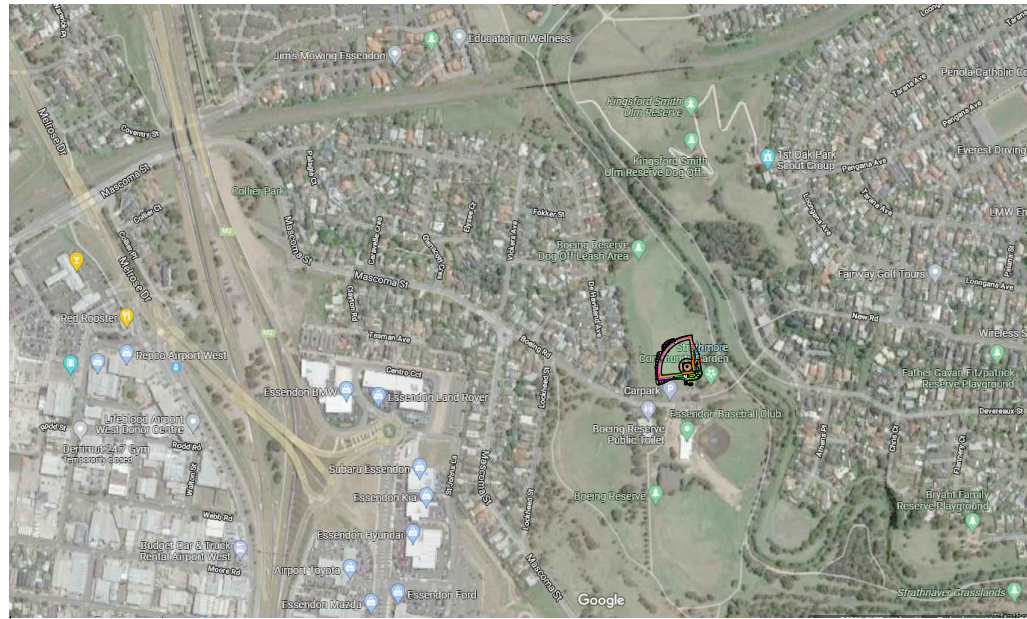
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LOCALITY MAP  
CITY OVAL, LAKE WENDOUREE



PROPOSED LAYOUT PLAN

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DEVELOPMENT TITLE:  
**CHRIS LANE MEMORIAL  
 LITTLE LEAGUE FIELD**  
 PLAN DESCRIPTION:  
**LOCALITY MAP & SHEET INDEX**



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 COUNCIL  
 SHEET:  
**2 of 20**

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A B C D E F G H I J

**GENERAL NOTES**

1. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DRAWINGS.
2. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH CIVIL SPECIFICATION, APPROVED PLANS AND TO THE SATISFACTION OF THE SUPERINTENDENT.
3. SURVEY BACKGROUND INFORMATION SUPPLIED BY OTHERS.
4. EXISTING CONTOURS SHOWN REFLECT SITE CONDITIONS AT TIME OF SURVEY.
5. ALL DIMENSIONS SHOWN ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
6. LEVELS ARE TO AUSTRALIAN HEIGHT DATUM.
7. ALL DIMENSIONS RELEVANT TO SETTING OUT SHALL BE CONFIRMED AND VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION IS COMMENCED. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE SUPERINTENDENT.
8. FINAL GEOTECHNICAL SITE INVESTIGATION REPORT (REPORT No. 27110-1) COMPLETED BY STATEWIDE GEOTECHNICAL PTY. LTD. DATED 27th JULY 2021. SMCE DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE ACCURACY, ADEQUACY OR APPROPRIATENESS OF THE GEOTECHNICAL WORKS OR PAVEMENT DESIGN.

**EXISTING SERVICES NOTES**

2. CONTRACTORS MUST ASCERTAIN THE PRECISE LOCATION AND DEPTH OF ALL EXISTING SERVICES WHICH COULD BE AFFECTED BY THE WORKS. WHERE EXISTING SERVICES ARE FOUND TO BE IN CLASH OF THE WORKS THE CONTRACTOR SHOULD NOTIFY THE SUPERINTENDENT ACCORDINGLY.
3. THE CONTRACTOR SHALL LIAISE WITH ALL RELEVANT SERVICE AUTHORITIES WITH RESPECT TO ANY SERVICE ALTERATIONS OR FOR WORKS IN VICINITY OR CLOSE PROXIMITY TO EXISTING SERVICES, THE CONTRACTOR SHALL BE REQUIRED TO SEEK CLEARANCE, PROGRAM AND COORDINATE THESE WORKS WITH THE RELEVANT SERVICE AUTHORITY AND THEIR CONTRACTORS.
4. ALL SERVICE CONDUITS TRENCHES UNDER PAVEMENTS ARE TO BE BACKFILLED WITH 20mm 3% CEMENT TREATED CLASS 3 CRUSHED ROCK COMPACTED TO A DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH A.S.1289.5.2.1-2003.
5. ALL TABLE DRAINS AND VERGES ARE TO BE REINSTATED UPON COMPLETION OF WORKS TO THE SATISFACTION OF THE RELEVANT AUTHORITY.
6. CONTRACTOR TO IMPLEMENT SEDIMENT CONTROL BARRIERS/METHODS TO ENSURE SEDIMENT TRANSFER TO DOWNSTREAM DRAINS/SURFACES FROM SITE DOES NOT OCCUR. SHOULD TRANSFER OF SEDIMENT OCCUR IT IS THE CONTRACTORS RESPONSIBILITY TO REMOVE AND MAKE GOOD ALL DISTURBED AREAS AT THE DISCRETION OF THE SUPERINTENDENT.
7. ALL TRENCHING WORKS TO BE IN ACCORDANCE WITH THE RELEVANT ACT AND REGULATIONS.
8. ALL EXISTING ASSETS AFFECTED BY THE WORKS; EG SIGNS, VEHICLE CROSSINGS, FOOTPATHS, KERB AND LINEMARKING SHALL BE REINSTATED BY THE CONTRACTOR PRIOR TO THE COMPLETION OF THE WORKS TO THE SATISFACTION OF THE SUPERINTENDENT/OR THEIR REPRESENTATIVE.

**EARTHWORKS NOTES**

1. LEVELS PROVIDED ARE FINISHED SURFACE LEVELS. EARTHWORKS SHOULD THEREFORE BE FINISHED AT THE APPROPRIATE LEVELS TO ALLOW FOR THE CONSTRUCTION OF PAVEMENTS AND SHOULDERS AS DOCUMENTED.
2. EARTHWORK SPOIL IN EXCESS OF SITE FILL REQUIREMENTS SHALL BE DISPOSED OFF SITE AT CONTRACTORS EXPENSE OR SPREAD ONSITE AT THE DIRECTION OF COUNCIL'S PROJECT MANAGER.
3. EXCAVATED MATERIAL WHICH CONFORMS WITH THE SPECIFICATION REQUIREMENTS FOR FILL MAY BE USED AS BACKFILL.
4. DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTING AND MAINTAINING A TEMPORARY SITE DRAINAGE SYSTEM AND TO MAINTAIN THE SITE IN A DRY AND STABLE CONDITION. DETAILS OF THE DRAINAGE SYSTEM SHALL BE SUBMITTED FOR THE APPROVAL OF THE SUPERINTENDENT.
5. ALL COMPACTION TO BE CARRIED OUT IN ACCORDANCE WITH COMPACTION PROCEDURES AS DEFINED IN AS-1289 5.2.1 TEST PROCEDURE, CERTIFICATION IS TO BE AN INDEPENDENT GEOTECHNICAL ENGINEER (AT CONTRACTORS EXPENSE).
6. FILL AREAS TO BE CLEARED AND STRIPPED OF ALL ORGANIC MATERIAL AND TOPSOIL PRIOR TO PLACEMENT OF SELECTED FILL MATERIAL. FILL AREAS ARE TO BE INSPECTED BY THE SUPERVISING ENGINEER PRIOR TO ANY FILL BEING PLACED. FILL IS TO BE PLACED AND COMPACTED IN LAYERS, WITH A MINIMUM COMPACTION OF 98% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD COMPACTION TEST BEING ACHIEVED.
7. ALL STRIPPED TOPSOIL/SILT MATERIAL SHALL BE STOCKPILED ON SITE IN AREA AS DIRECTED BY THE SUPERINTENDENT.
8. BATTERS ARE TO BE TOPSOILED & SEEDED TO A DEPTH OF APPROXIMATELY 150mm USING MATERIAL STOCKPILED FROM STRIPPING FOR BOTTOM 100mm AND APPROVED IMPORTED SANDY LOAM FOR A TOP 50mm.

**PAVEMENTS, KERBING AND ANCILLARY WORKS**





1. WHERE NEW ASPHALT, CONCRETE K & C, PATHS AND DRIVEWAYS MATCH INTO EXISTING, THE EXISTING SURFACE IS TO BE SAW CUT AND MATCHED NEATLY.
2. PAVEMENT DEPTH SPECIFIED IS A MINIMUM DEPTH AND MAY BE VARIED BY THE SUPERINTENDENT/OR THEIR REPRESENTATIVE. SOFT SPOTS SHALL BE EXCAVATED TO A PROOF ROLLED BASE AND BACKFILLED WITH APPROVED MATERIAL COMPACTED IN 200mm LAYERS TO ACHIEVE TO A DENSITY NOT LESS THAN 98% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE STANDARD COMPACTION TEST IN ACCORDANCE WITH A.S.1289.5.1.1-2003.
3. AGRICULTURAL DRAINS ARE TO BE PLACED BEHIND ALL KERB AND CHANNEL, KERB ONLY AND EDGE STRIPS IN ACCORDANCE WITH STANDARD DRAWINGS.
4. SET OUT DIMENSIONS GIVEN TO KERBING ARE TO THE INVERT OF KERB UNLESS SPECIFIED OTHERWISE.

**DRAINAGE AND PLUMBING WORKS:**

1. ALL GROUND SURROUNDING THE COURTS SHALL BE GRADED AWAY AT MINIMUM 1 in 20 FOR AT LEAST 1.0m, UNLESS NOTED OTHERWISE.
2. WATER RUN-OFF SHALL BE COLLECTED AND CHANNLED AWAY FROM THE FOOTINGS DURING CONSTRUCTION.
3. A 100mm DIA. SUB-SOIL DRAINS LAID AT A MINIMUM GRADE OF 1 in 100 AT THE HIGH END SIDES OF THE COURTS BELOW THE CRUSHED ROCK BASE LAYER. AG DRAIN TO BE LAID ON BEDDING SAND AND SURROUNDING WITH "ONE SIZED" AGGREGATE COVERED WITH GEO TEXTILE. CONNECT AG DRAIN INTO NEW STORM WATER SYSTEM VIA 400x400 GRATED JUNCTION OR UNLESS NOTED OTHERWISE AND DISCHARGE TO THE LEGAL POINT OF DISCHARGE.
4. PIT COVER LEVELS TO MATCH SURROUNDING FINISHED LEVELS.





**CONCRETE NOTES**

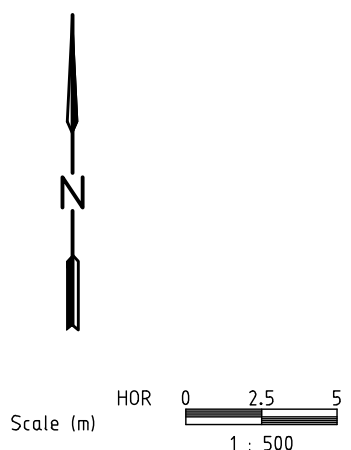
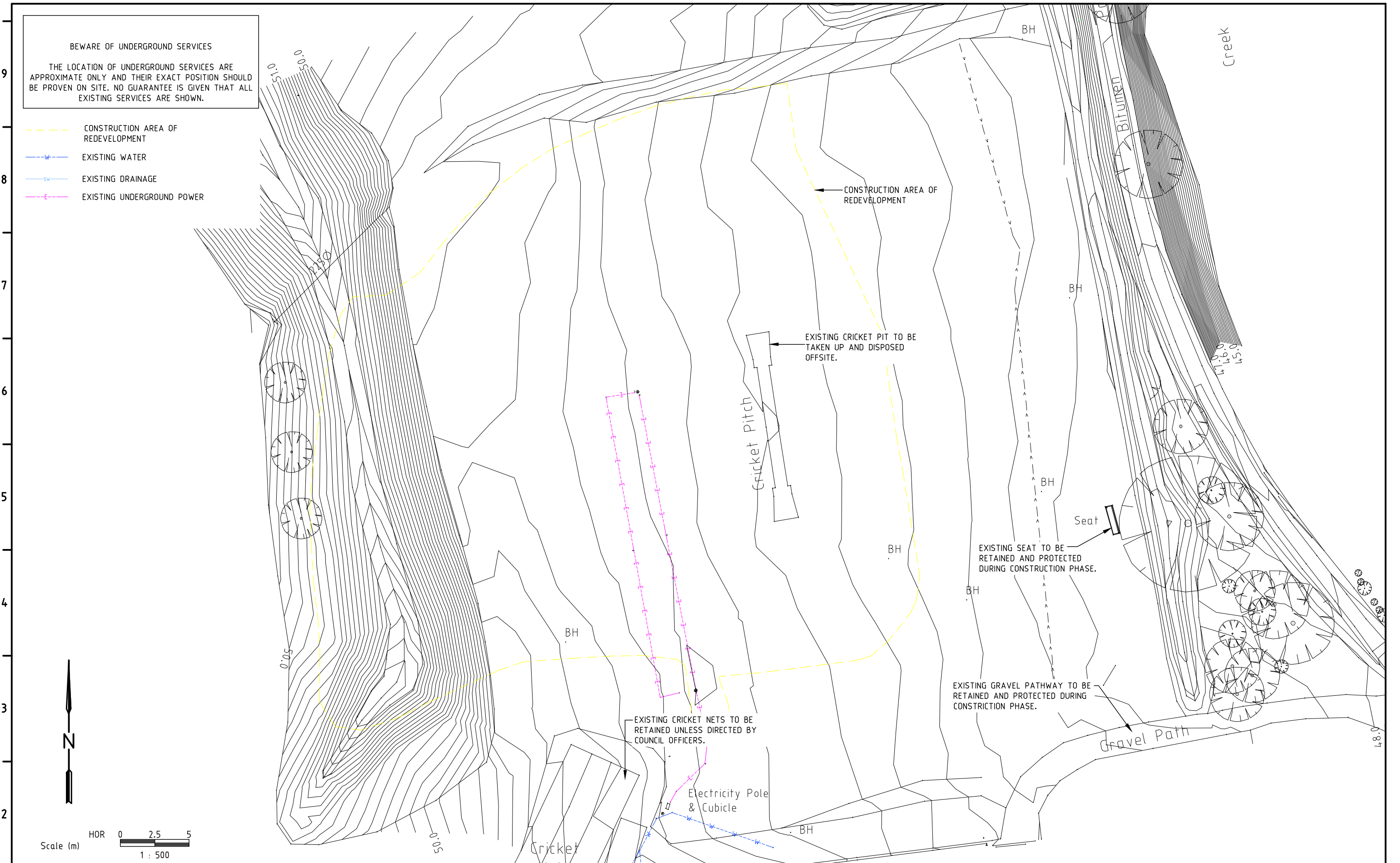
1. NO CONCRETE SHALL BE MIXED OR PLACED, WITHOUT THE APPROVAL OF THE SUPERINTENDENT, WHILE THE AIR TEMPERATURE IS, OR LIKELY TO BE WITHIN 24 HOURS, BELOW 5 DEGREES CELSIUS OR WHILE THE SHADE TEMPERATURE EXCEEDS 38 DEGREES CELSIUS. ALL CONCRETE SHALL BE PLACED IN THE DRY. PRIOR TO PLACING CONCRETE THE AREA SHALL BE CLEAN AND MOIST BUT FREE FROM ANY WATER PONDING.
2. THE CONCRETE SHALL BE MIXED IN THE QUANTITIES REQUIRED FOR IMMEDIATE USE AND SHALL BE PLACED IN POSITION AS RAPIDLY AS POSSIBLE. ANY CONCRETE WHICH HAS DEVELOPED INITIAL SET, OR WHICH DOES NOT REACH THE FORMS WITHIN 30 MINUTES AFTER THE WATER HAS BEEN ADDED (EXCEPT WHEN TRANSPORTED IN AGITATOR TRUCKS) SHALL NOT BE USED.
3. THE CONCRETE SHALL BE DEPOSITED IN THE FORMS, WITHOUT SEPARATION OF THE AGGREGATES. CONCRETE SHALL NOT BE DROPPED FREELY FROM A HEIGHT GREATER THAN 1.2m OR BE DEPOSITED IN LARGE QUANTITIES AT ANY POINT AND MOVED OR WORKED ALONG THE FORMS. CONVEYING EQUIPMENT, INCLUDING OPEN TROUGHS AND CHUTES, WHERE USED, SHALL BE MADE OF METAL OR HAVE METAL LININGS. WHERE USED ON STEEP SLOPES, TROUGHS AND CHUTES SHALL BE EQUIPPED WITH BAFFLES, OR BE PLACED IN SHORT LENGTHS IN SUCH A WAY THAT THE DIRECTION OF FLOW OF THE CONCRETE IS CHANGED. THE CONCRETE SHALL BE PLACED IN HORIZONTAL LAYERS IN ONE CONTINUOUS OPERATION BETWEEN THE ENDS OF THE WORKS AND/OR CONSTRUCTION JOINTS. CARE SHALL BE TAKEN TO FILL EVERY PART OF THE FORMS AND TO WORK THE COARSER AGGREGATE BACK FROM THE FACE. THE FRESHLY PLACED CONCRETE SHALL BE COMPACTED BY CONTINUOUS SPADING SLICING OR BY VIBRATOR UNITS. VIBRATORS SHALL NOT BE LEFT IN ONE POSITION FOR MORE THAN 30 SECONDS, AND SHALL NOT BE PERMITTED TO REST ON REINFORCEMENT.
4. ALL EXPOSED SURFACES OF THE FRESHLY PLACED CONCRETE SHALL BE KEPT MOIST EITHER BY USE OF PLASTIC SHEETING, DAMP SAND OR COMMERCIAL CURING COMPOUNDS, IN ACCORDANCE WITH AS3799, FOR A MINIMUM PERIOD OF 3 DAYS. DURING THIS TIME THE WORKS MUST BE ADEQUATELY PROTECTED FROM THE EFFECTS OF EXCESSIVE SURFACE EVAPORATION, RAIN, RUNNING WATER, VANDALISM AND OTHER CAUSES LIKELY TO DAMAGE THE CONCRETE. ALL COSTS INVOLVED IN MAKING GOOD OR REPLACING ANY WORK THAT HAS BEEN DAMAGED DUE TO THE ABOVE MENTIONED FACTORS SHALL BE BORNE BY THE CONTRACTOR.
5. CURING FOR CONCRETE SHALL GENERALLY BE IN ACCORDANCE WITH THE APPROPRIATE SURFACE EXPOSURE CLASSIFICATION IN AS 3600.




1	SUB-CONSULTANT:  SHANE MUIR CONSULTING ENGINEERS 61 Powells Avenue, East Bendigo, VIC. 3550 ABN 35 090 257 855 PHONE: (03) 5444 2741 FAX: (03) 5444 2751 EMAIL: adm@smce.com.au		CONSULTANT:  2MH Consulting 2MH CONSULTING ARE THE OFFICIAL FACILITY ADVISORY SERVICE FOR TENNIS VICTORIA & NETBALL VICTORIA		CLIENT: <b>2MH CONSULTING</b>		DEVELOPMENT TITLE: <b>CHRIS LANE MEMORIAL LITTLE LEAGUE FIELD</b>				DRAWN: B.L.F.	DWG No. 2105035 COUNCIL
	COPYRIGHT ©		SITE ADDRESS: <b>BOEING RESERVE BOEING ROAD, STRATHMORE HEIGHTS.</b>		PLAN DESCRIPTION: <b>GENERAL NOTES</b>		CHECKED: S.K.M.	SCALE: AS SHOWN			SHEET: <b>3 of 20</b>	
										DATE: 18/10/21		



**BWARE OF UNDERGROUND SERVICES**  
 THE LOCATION OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

-  CONSTRUCTION AREA OF REDEVELOPMENT
-  EXISTING WATER
-  EXISTING DRAINAGE
-  EXISTING UNDERGROUND POWER



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1 COPYRIGHT ©		SITE ADDRESS: <b>BOEING RESERVE          BOEING ROAD, STRATHMORE HEIGHTS.</b>	PLAN DESCRIPTION: <b>EXISTING CONDITIONS AND DEMOLITION PLAN</b>		SCALE: @ A3 AS SHOWN DATE: 18/10/21	SHEET: <b>4 of 20</b>	

# WARNING

BEWARE OF UNDERGROUND SERVICES

THE LOCATION OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

- NATURAL TURF (IRRIGATED WARM SEASON TURF SOD ON SAND BASE) INCLUDING SUBSOIL DRAINAGE SYSTEM. PLAYING AREA EXTENTS
- PROVISIONAL ITEM - RED ARTIFICIAL GRASS ON CRUSHED ROCK BASE AREA EXTENTS
- WARNING TRACK - NATURAL TURF
- PROPOSED CONCRETE PAVEMENT AREA EXTENTS
- 600mm WIDE SPOON DRAIN
- 300mm WIDE CONCRETE PLINTH WITH 8.0m HIGH FENCING
- 300mm WIDE CONCRETE PLINTH WITH 3.6m HIGH FENCING
- 300mm WIDE CONCRETE PLINTH WITH 1.2m HIGH FENCING
- 1.2m HIGH FENCING. NO PLINTH
- PROPOSED LIGHT TOWER. REFER TO LIGHTING DESIGN DRAWINGS.
- 7.0m HIGH FOUL POLE
- BATTERS EYE - 5m WIDE x 5m HIGH
- PROVISIONAL ITEM - WEATHERPROOF GENERAL PURPOSE OUTLET (GPO)
- EXISTING WATER
- EXISTING DRAINAGE
- EXISTING UNDERGROUND POWER

**ADDITIONAL ITEMS TO NOTE:**

1. ALL FENCING TO BE POWDER COAT BLACK
2. DUGOUT GATES TO BE SELF-CLOSING
3. OUTFIELD GRASS PREFERENCE TO BE COUCH GRASS

ALLOW 3.0m WIDE FLAT ZONE BEHIND FENCE.

7.0m HIGH FOUL POLE. REFER SHEETS 20 & 21 FOR DETAILS.

CUT BATTERS TO BE TOP SOILED USING EXISTING TOPSOIL AND/OR IMPORTED SUITABLE TOPSOIL.

PROVISIONAL ITEM - PROVIDE ELECTRICAL CONDUIT TO THIS LOCATION FUTURE ELECTRONIC SCOREBOARD CONNECTION.

SPECTATOR VIEWING AREA. THE MOUND IS TO BE TOPSOILED AND GRASS SEEDED.

BATTERS EYE TO BE INSTALLED AS PART OF THE HOME RUN FENCE (5m WIDE x 5m HIGH CHAIN MESH SECTION).

NATURAL TURF (IRRIGATED WARM SEASON TURF SOD ON SAND BASE)

PROVISIONAL ITEM - RED ARTIFICIAL GRASS ON CRUSHED ROCK BASE AREA EXTENTS

7.0m HIGH FOUL POLE. REFER SHEETS 20 & 21 FOR DETAILS.

PROPOSED DRINKING FOUNTAIN & TAP.

COACHES BOX TO BE CONFIRMED IN DETAILED DESIGN.

BLEACHER-ALUMINIUM SEATING

950mm DIA. BATTERS CIRCLE.

VISITOR DUG OUT (20 SEATS). REFER SHEETS 12, 13, 14, & 15 FOR DETAILS.

BLEACHER-ALUMINIUM SEATING

WEATHERPROOF GENERAL PURPOSE OUTLET (GPO). IN FENCE LINE. LOCATION TBC.

SCORERS SHED. REFER SHEETS 9, 10 & 11 FOR DETAILS.

PROPOSED CONCRETE PAVEMENT. CONCRETE SLAB TO BE GRADED TOWARDS THE 600mm CONCRETE SPOON DRAIN.

PROPOSED DRINKING FOUNTAIN & TAP.

BLEACHER-ALUMINIUM SEATING

HOME DUG OUT (20 SEATS). REFER SHEETS 12, 13, 14, & 15 FOR DETAILS.

PROVISIONAL ITEM - CONCRETE PAD SLAB FOR STATUE NEAR TO MAIN ENTRY (SIZE TBA).

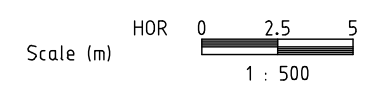
Electricity Pole & Cubicle

Seat

Gravel Path

Bitumen

Creek



<p>SUB-CONSULTANT:</p> <p>SHANE MUIR CONSULTING ENGINEERS 61 Powells Avenue, East Bendigo, VIC. 3550 ABN 35 090 257 855 PHONE: (03) 5444 2741 FAX: (03) 5444 2751 EMAIL: asm@smce.com.au</p>	<p>CONSULTANT:</p> <p>2MH Consulting 2MH CONSULTING ARE THE OFFICIAL FACILITY ADVISORY SERVICE FOR TENNIS VICTORIA &amp; NETBALL VICTORIA</p>	<p>CLIENT:</p> <p style="text-align: center;"><b>2MH CONSULTING</b></p> <p>SITE ADDRESS:</p> <p style="text-align: center;"><b>BOEING RESERVE BOEING ROAD, STRATHMORE HEIGHTS.</b></p>	<p>DEVELOPMENT TITLE:</p> <p style="text-align: center;"><b>CHRIS LANE MEMORIAL LITTLE LEAGUE FIELD</b></p> <p>PLAN DESCRIPTION:</p> <p style="text-align: center;"><b>NEW OVER EXISTING CONDITIONS LAYOUT PLAN</b></p>		<div style="border: 2px solid orange; padding: 5px; color: orange; font-weight: bold;"> <p>ISSUED FOR TENDER ONLY</p> <p>NOT APPROVED FOR CONSTRUCTION</p> </div>	<p>DRAWN: B.L.F.</p> <p>CHECKED: S.K.M.</p> <p>SCALE: AS SHOWN</p> <p>DATE: 18/10/21</p>	<p>DWG No. 2105035</p> <p>COUNCIL</p> <p>SHEET. 5 of 20</p>
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
















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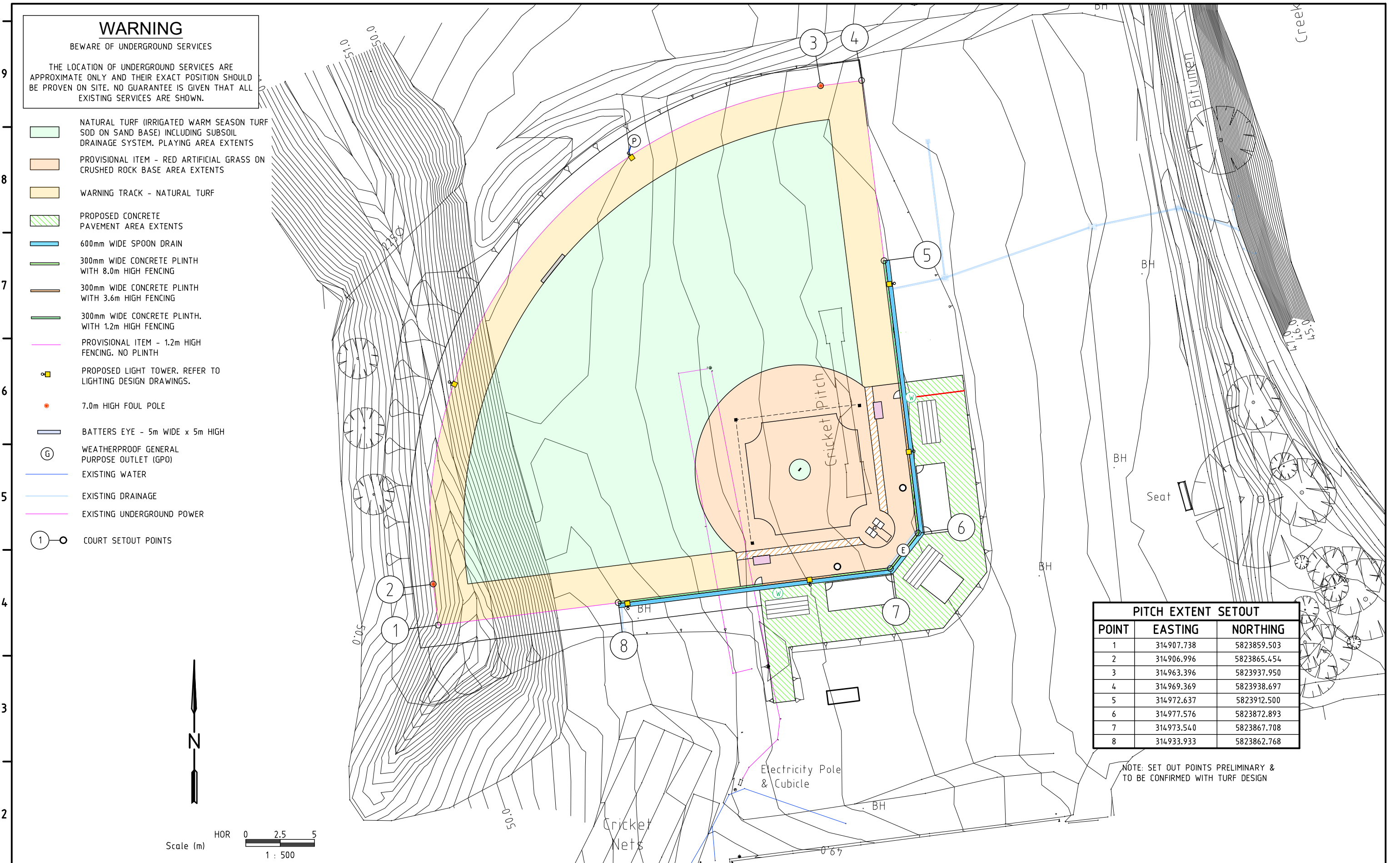
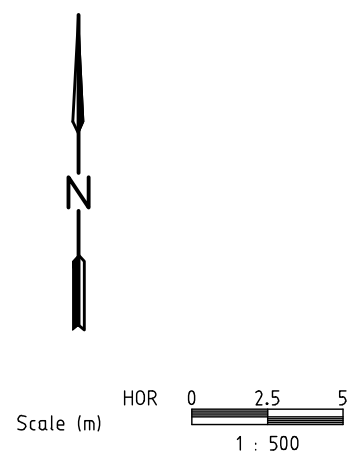


# WARNING

BEWARE OF UNDERGROUND SERVICES




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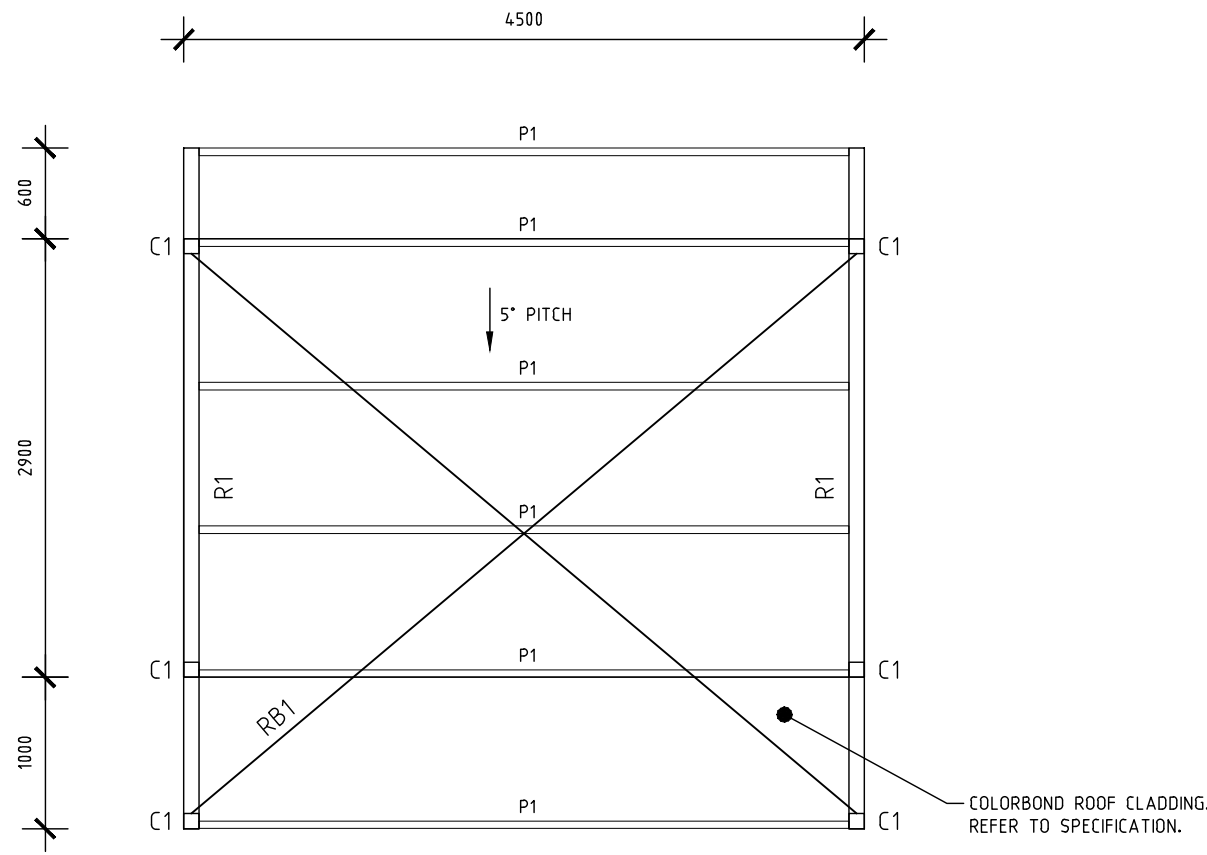
-  NATURAL TURF (IRRIGATED WARM SEASON TURF SOD ON SAND BASE) INCLUDING SUBSOIL DRAINAGE SYSTEM. PLAYING AREA EXTENTS
-  PROVISIONAL ITEM - RED ARTIFICIAL GRASS ON CRUSHED ROCK BASE AREA EXTENTS
-  WARNING TRACK - NATURAL TURF
-  PROPOSED CONCRETE PAVEMENT AREA EXTENTS
-  600mm WIDE SPOON DRAIN
-  300mm WIDE CONCRETE PLINTH WITH 8.0m HIGH FENCING
-  300mm WIDE CONCRETE PLINTH WITH 3.6m HIGH FENCING
-  300mm WIDE CONCRETE PLINTH WITH 1.2m HIGH FENCING
-  PROVISIONAL ITEM - 1.2m HIGH FENCING. NO PLINTH
-  PROPOSED LIGHT TOWER. REFER TO LIGHTING DESIGN DRAWINGS.
-  7.0m HIGH FOUL POLE
-  BATTERS EYE - 5m WIDE x 5m HIGH
-  WEATHERPROOF GENERAL PURPOSE OUTLET (GPO)
-  EXISTING WATER
-  EXISTING DRAINAGE
-  EXISTING UNDERGROUND POWER
-  COURT SETOUT POINTS



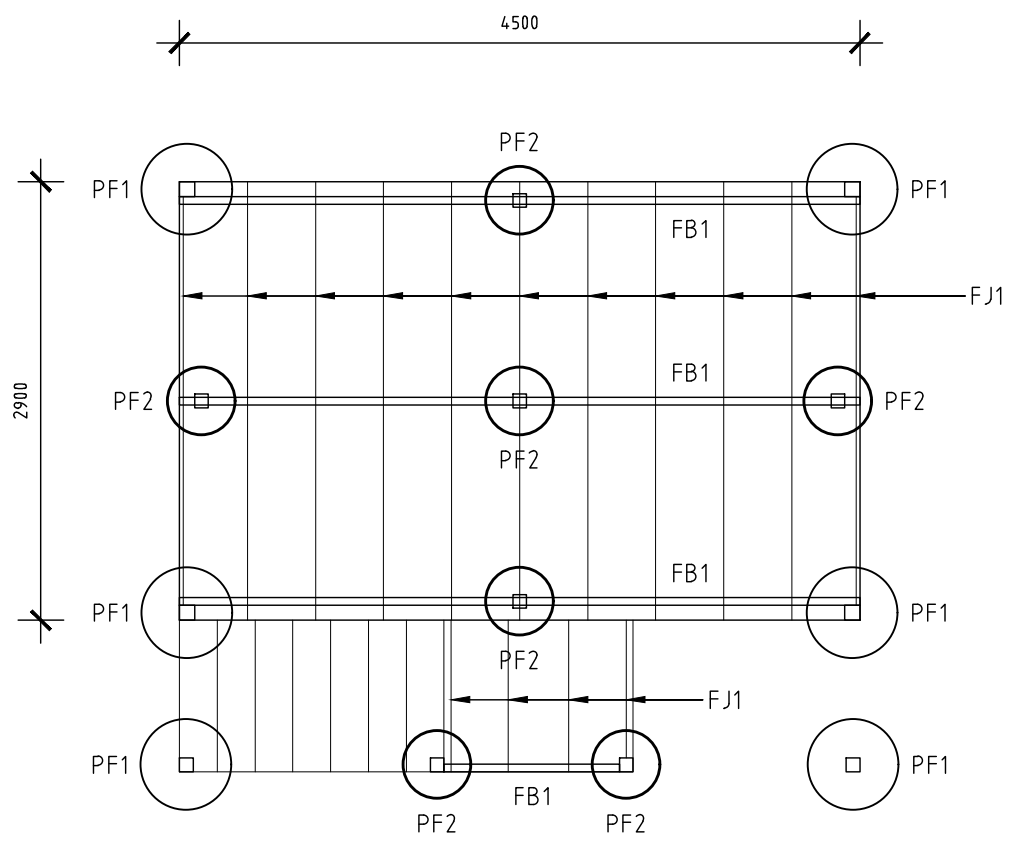
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8	314933.933	5823862.768

NOTE: SET OUT POINTS PRELIMINARY & TO BE CONFIRMED WITH TURF DESIGN

<p>SUB-CONSULTANT:</p>  <p>SHANE MUIR CONSULTING ENGINEERS 61 Powells Avenue, East Bendigo, VIC. 3550 ABN 35 090 257 855 PHONE: (03) 5444 2741 FAX: (03) 5444 2751 EMAIL: adm@smce.com.au</p>	<p>CONSULTANT:</p>  <p>2MH Consulting 2MH CONSULTING ARE THE OFFICIAL FACILITY ADVISORY SERVICE FOR TENNIS VICTORIA &amp; NETBALL VICTORIA</p>	<p>CLIENT:</p> <p style="text-align: center;"><b>2MH CONSULTING</b></p> <p>SITE ADDRESS:</p> <p style="text-align: center;"><b>BOEING RESERVE BOEING ROAD, STRATHMORE HEIGHTS.</b></p>	<p>DEVELOPMENT TITLE:</p> <p style="text-align: center;"><b>CHRIS LANE MEMORIAL LITTLE LEAGUE FIELD</b></p> <p>PLAN DESCRIPTION:</p> <p style="text-align: center;"><b>SETOUT PLAN</b></p>		<div style="border: 2px solid orange; padding: 5px; color: orange; font-weight: bold;"> <p>ISSUED FOR TENDER ONLY</p> <p>NOT APPROVED FOR CONSTRUCTION</p> </div>	<p>DRAWN: B.L.F.</p> <p>CHECKED: S.K.M.</p> <p>SCALE: AS SHOWN</p> <p>DATE: 18/10/21</p>	<p>DWG No. 2105035</p> <p>COUNCIL</p> <p>SHEET:</p> <p style="text-align: center; font-size: 1.2em;">6 of 20</p>
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**ROOF LAYOUT**  
1:50



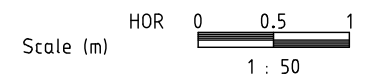
**FLOOR & FOOTING LAYOUT**  
1:50

**STRUCTURAL MEMBER SCHEDULE**

MARK	MEMBER SCHEDULE	REMARKS
C1	100x100x5.0mm C350 SHS	COLUMN
G1	C150-15 AT 1500mm MAX. CTRS. 1 ROW OF BRIDGING.	FRONT WALL GIRTS
G2	C150-12 AT 1500mm MAX. CTRS. 1 ROW OF BRIDGING.	REAR WALL GIRTS
G3	C100-10 AT 1500mm MAX. CTRS. 1 ROW OF BRIDGING.	SIDE WALL GIRTS
P1	C150-12 AT 1200mm MAX. CTRS. 1 ROW OF BRIDGING. - OPTION A 150x50x2.0mm C450 RHS AT 1200mm MAX. CTRS. - OPTION B	ROOF PURLINS
R1	100x100x5.0mm C350 SHS	RAFTER
RB1	SPEED BRACE OR APPROVED EQUIVALENT	ROOF BRACING
WB1	SPEED BRACE OR APPROVED EQUIVALENT	WALL BRACING

**SLAB LEGEND**

MARK	SIZE	REINFORCEMENT
FLOOR JOIST (FJ1)	750x50x1.6mm C450 RHS DURAGAL FLOOR JOISTS @ 450mm MAX. CENTRES, 2200mm MAX. CONTINUOUS SPAN	
FLOOR BEARER (FB1)	150x50x2mm C450 RHS DURAGAL FLOOR BEARER @ 2300mm MAX. CONTINUOUS SPAN	
PAD FOOTING (PF1)	600Ø x 1500mm MIN. CONCRETE BORED PIER. ENSURE FOOTING IS FOUNDED INTO UNDERLYING SILTY CLAY OR BASALT ROCK, 1200mm MIN. COLUMN EMBEDMENT.	
PAD FOOTING (PF2)	90x90x2mm SHS DURAGAL STEEL STUMPS EMBEDDED 400mm INTO 450mm DIA. x 1200mm MIN. DEEP CONCRETE PAD FOOTING FOUNDED INTO FIRM NATURAL SOIL AS INDICATED WITHIN THE SOIL REPORT.	



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CONSULTANT:  
 2MH Consulting  
 2MH CONSULTING ARE THE OFFICIAL FACILITY ADVISORY SERVICE FOR TENNIS VICTORIA & NETBALL VICTORIA

CLIENT:  
**2MH CONSULTING**  
 SITE ADDRESS:  
**BOEING RESERVE  
 BOEING ROAD, STRATHMORE HEIGHTS.**

DEVELOPMENT TITLE:  
**CHRIS LANE MEMORIAL  
 LITTLE LEAGUE FIELD**  
 PLAN DESCRIPTION:  
**SCORER'S SHED  
 (ROOF, FLOOR & FOOTING LAYOUTS)**

**ISSUED FOR TENDER ONLY**  
 NOT APPROVED FOR CONSTRUCTION

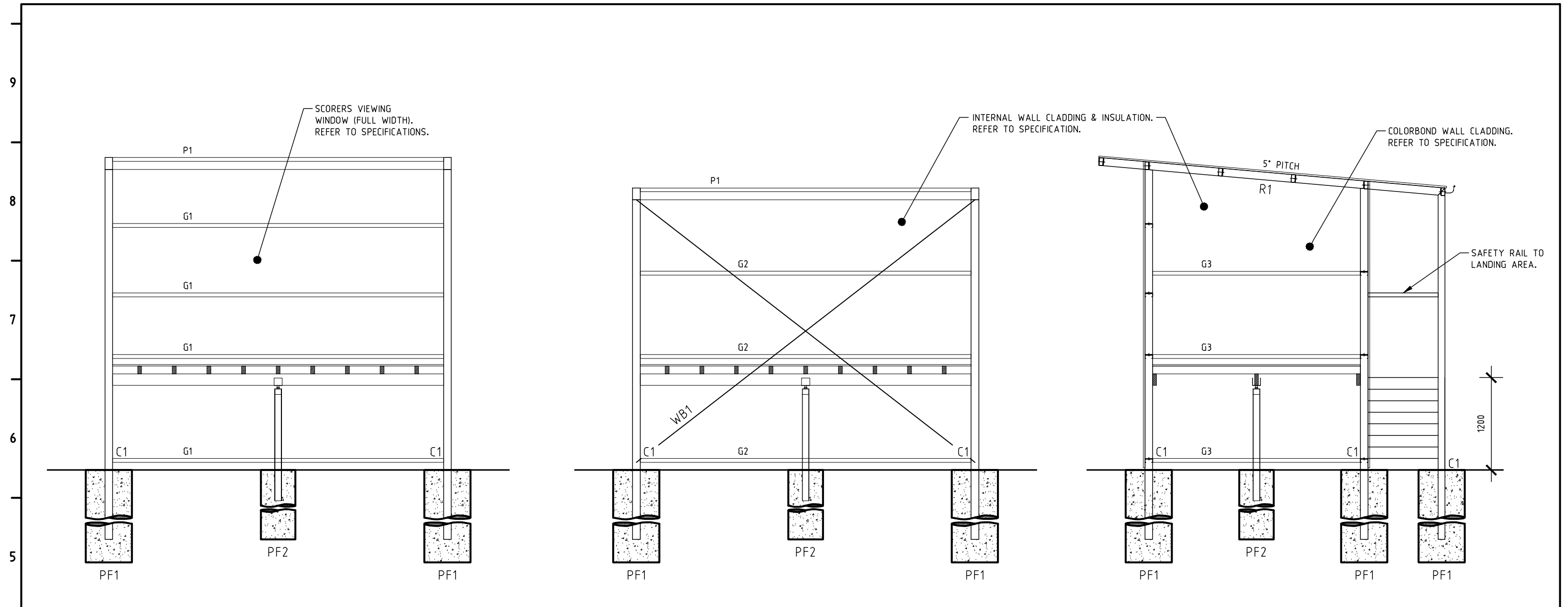
DRAWN: B.L.F.  
 CHECKED: S.K.M.  
 SCALE: AS SHOWN  
 DATE: 18/10/21

DWG No. 2105035  
 COUNCIL  
 SHEET:  
**7 of 20**

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A B C D E F G H I J



**FRONT ELEVATION**  
1:50

**REAR ELEVATION**  
1:50

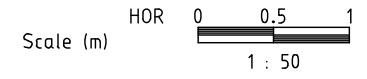
**SIDE ELEVATION**  
1:50

**STRUCTURAL MEMBER SCHEDULE**

MARK	MEMBER SCHEDULE	REMARKS
C1	100x100x5.0mm C350 SHS	COLUMN
G1	C150-15 AT 1500mm MAX. CTRS. 1 ROW OF BRIDGING.	FRONT WALL GIRTS
G2	C150-12 AT 1500mm MAX. CTRS. 1 ROW OF BRIDGING.	REAR WALL GIRTS
G3	C100-10 AT 1500mm MAX. CTRS. 1 ROW OF BRIDGING.	SIDE WALL GIRTS
P1	C150-12 AT 1200mm MAX. CTRS. 1 ROW OF BRIDGING. - OPTION A 150x50x2.0mm C450 RHS AT 1200mm MAX. CTRS. - OPTION B	ROOF PURLINS
R1	100x100x5.0mm C350 SHS	RAFTER
RB1	SPEED BRACE OR APPROVED EQUIVALENT	ROOF BRACING
WB1	SPEED BRACE OR APPROVED EQUIVALENT	WALL BRACING

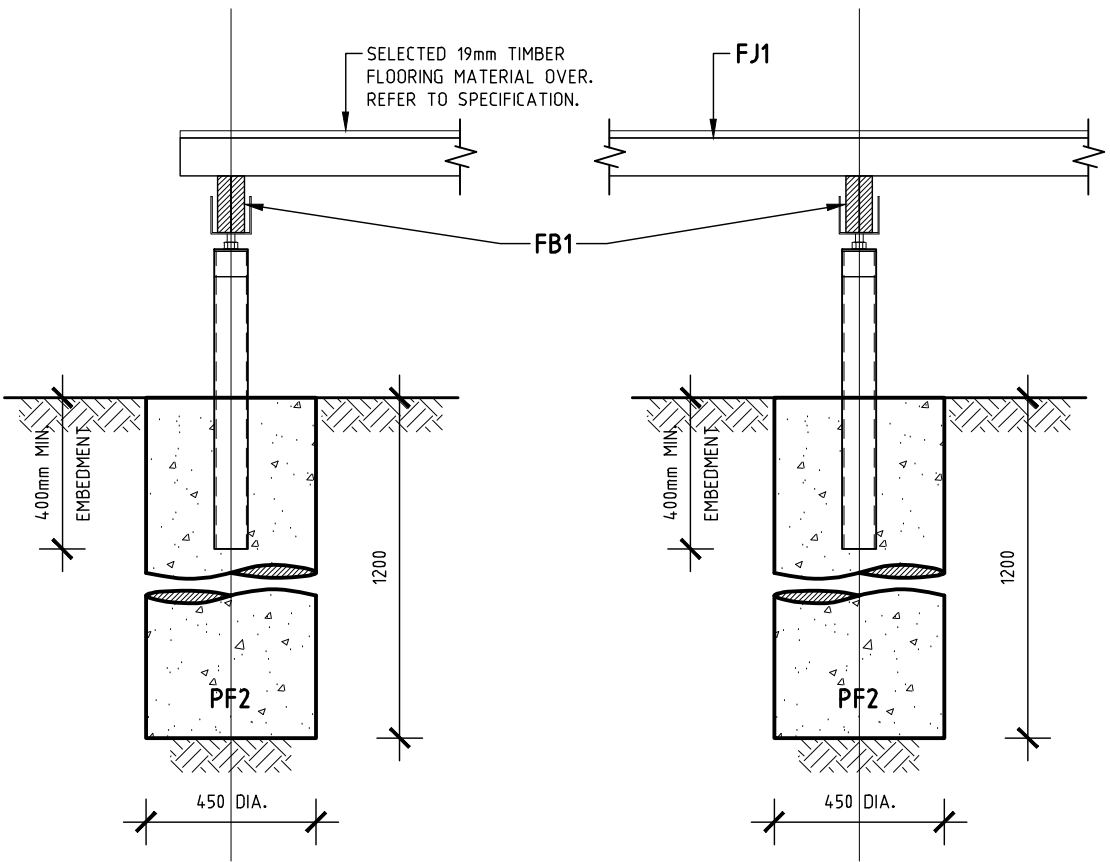
**SLAB LEGEND**

MARK	SIZE	REINFORCEMENT
FLOOR JOIST (FJ1)	750x50x1.6mm C450 RHS DURAGAL FLOOR JOISTS @ 450mm MAX. CENTRES, 2200mm MAX. CONTINUOUS SPAN	
FLOOR BEARER (FB1)	150x50x2mm C450 RHS DURAGAL FLOOR BEARER @ 2300mm MAX. CONTINUOUS SPAN	
PAD FOOTING (PF1)	600Ø x 1500mm MIN. CONCRETE BORED PIER. ENSURE FOOTING IS FOUNDED INTO UNDERLYING SILTY CLAY OR BASALT ROCK, 1200mm MIN. COLUMN EMBEDMENT.	
PAD FOOTING (PF2)	90x90x2mm SHS DURAGAL STEEL STUMPS EMBEDDED 400mm INTO 450mm DIA. x 1200mm MIN. DEEP CONCRETE PAD FOOTING FOUNDED INTO FIRM NATURAL SOIL AS INDICATED WITHIN THE SOIL REPORT.	

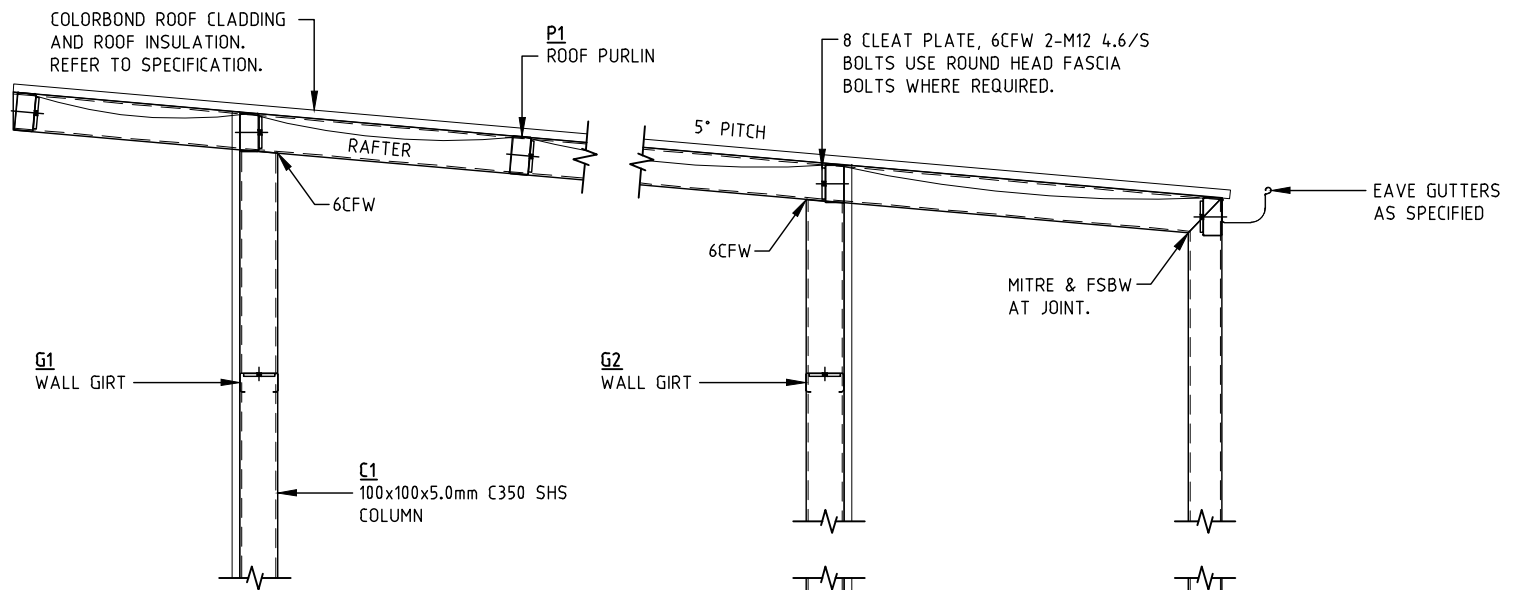


SUB-CONSULTANT: SHANE MUIR CONSULTING ENGINEERS 61 Powells Avenue, East Bendigo, VIC. 3550 ABN 35 090 257 855 PHONE: (03) 5444 2741 FAX: (03) 5444 2751 EMAIL: admn@smce.com.au	CONSULTANT: 2MH CONSULTING 2MH CONSULTING ARE THE OFFICIAL FACILITY ADVISORY SERVICE FOR TENNIS VICTORIA & NETBALL VICTORIA.	CLIENT: <b>2MH CONSULTING</b>	DEVELOPMENT TITLE: <b>CHRIS LANE MEMORIAL LITTLE LEAGUE FIELD</b>	CITY OF Moonee Valley	<b>ISSUED FOR TENDER ONLY</b> NOT APPROVED FOR CONSTRUCTION	DRAWN: B.L.F.	DWG No. 2105035 COUNCIL
		SITE ADDRESS: <b>BOEING RESERVE          BOEING ROAD, STRATHMORE HEIGHTS.</b>	PLAN DESCRIPTION: <b>SCORER'S SHED (ELEVATIONS)</b>			CHECKED: S.K.M.	
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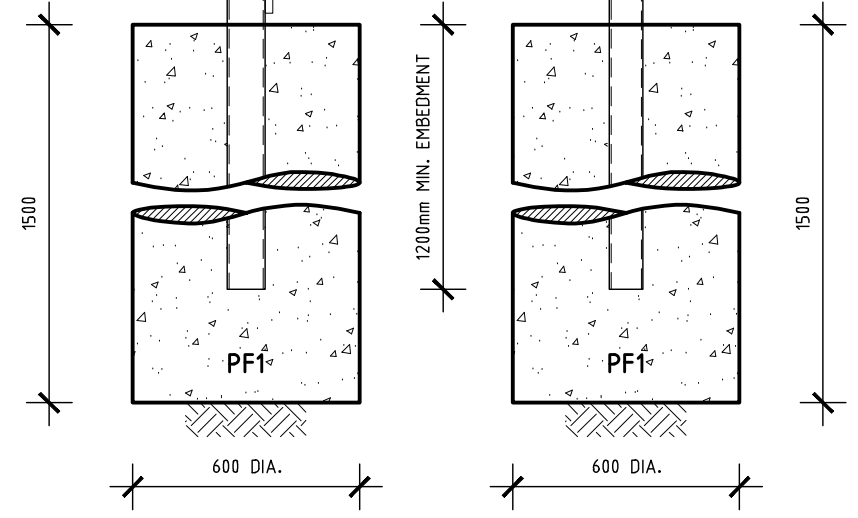




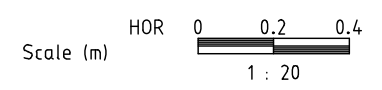
TYPICAL PAD FOOTING (PF2) DETAIL  
1:20



NOTE: EACH STEELWORK FRAME TO BE FULLY SHOP WELDED (6CFW) & HOT DIP GALVANISED. COLD GAL. PAINT WHERE REQUIRED.



TYPICAL SECTION  
1:20



STRUCTURAL MEMBER SCHEDULE		
MARK	MEMBER SCHEDULE	REMARKS
C1	100x100x5.0mm C350 SHS	COLUMN
G1	C150-15 AT 1500mm MAX. CTRS. 1 ROW OF BRIDGING.	FRONT WALL GIRTS
G2	C150-12 AT 1500mm MAX. CTRS. 1 ROW OF BRIDGING.	REAR WALL GIRTS
G3	C100-10 AT 1500mm MAX. CTRS. 1 ROW OF BRIDGING.	SIDE WALL GIRTS
P1	C150-12 AT 1200mm MAX. CTRS. 1 ROW OF BRIDGING. - OPTION A 150x50x2.0mm C450 RHS AT 1200mm MAX. CTRS. - OPTION B	ROOF PURLINS
R1	100x100x5.0mm C350 SHS	RAFTER
RB1	SPEED BRACE OR APPROVED EQUIVALENT	ROOF BRACING
WB1	SPEED BRACE OR APPROVED EQUIVALENT	WALL BRACING

SLAB LEGEND		
MARK	SIZE	REINFORCEMENT
FLOOR JOIST (FJ1)	750x50x1.6mm C450 RHS DURAGAL FLOOR JOISTS @ 450mm MAX. CENTRES, 2200mm MAX. CONTINUOUS SPAN	
FLOOR BEARER (FB1)	150x50x2mm C450 RHS DURAGAL FLOOR BEARER @ 2300mm MAX. CONTINUOUS SPAN	
PAD FOOTING (PF1)	600Ø x 1500mm MIN. CONCRETE BORED PIER. ENSURE FOOTING IS FOUNDED INTO UNDERLYING SILTY CLAY OR BASALT ROCK, 1200mm MIN. COLUMN EMBEDMENT.	
PAD FOOTING (PF2)	90x90x2mm SHS DURAGAL STEEL STUMPS EMBEDDED 400mm INTO 450mm DIA. x 1200mm MIN. DEEP CONCRETE PAD FOOTING FOUNDED INTO FIRM NATURAL SOIL AS INDICATED WITHIN THE SOIL REPORT.	

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CLIENT:  
**2MH CONSULTING**

SITE ADDRESS:  
**BOEING RESERVE  
 BOEING ROAD, STRATHMORE HEIGHTS.**

DEVELOPMENT TITLE:  
**CHRIS LANE MEMORIAL  
 LITTLE LEAGUE FIELD**

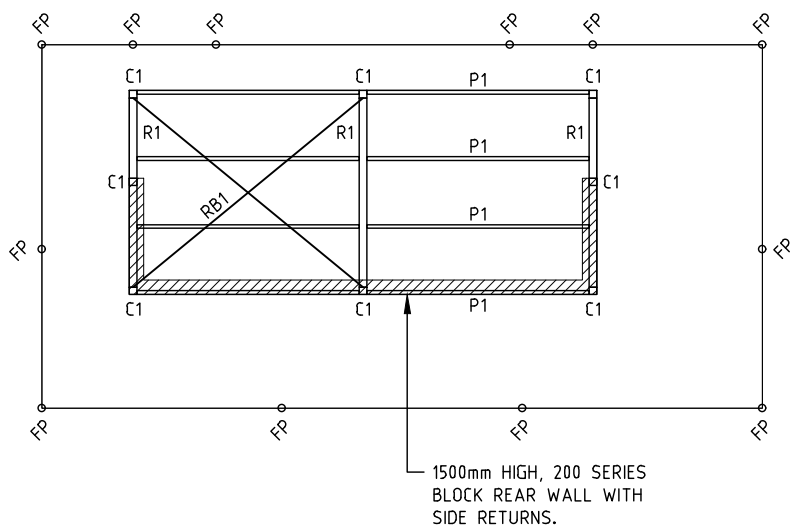
PLAN DESCRIPTION:  
**SCORER'S SHED  
 (DETAILS)**



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DRAWN: B.L.F.  
 CHECKED: S.K.M.  
 SCALE: AS SHOWN  
 DATE: 18/10/21

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 COUNCIL  
 SHEET.  
**9 of 20**



**ROOF PLAN**

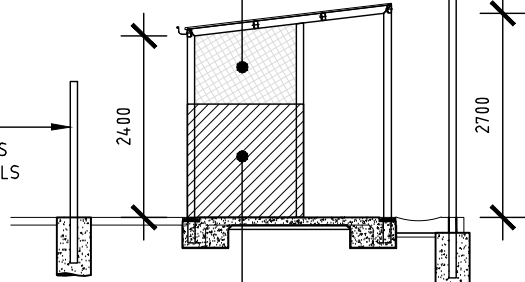
1:100

1500mm HIGH, 200 SERIES BLOCK REAR WALL WITH SIDE RETURNS.

1200mm HIGH CHAINMESH FENCING TO REAR & SIDES (REFER TO FENCING DETAILS FOR SIZES).

3600mm HIGH CHAINMESH FENCING (REFER TO FENCING SPECIFICATIONS FOR FULL DETAILS).

CHAINMESH - REFER TO SPECIFICATION FOR FULL DETAILS.



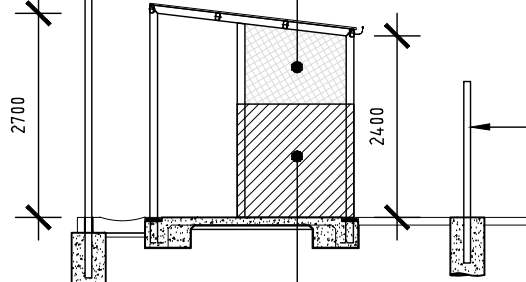
**END ELEVATION**

1:100

1500mm HIGH, 200 SERIES BLOCK REAR WALL WITH SIDE RETURNS.

3600mm HIGH CHAINMESH FENCING (REFER TO FENCING SPECIFICATIONS FOR FULL DETAILS).

CHAINMESH - REFER TO SPECIFICATION FOR FULL DETAILS.



**END ELEVATION**

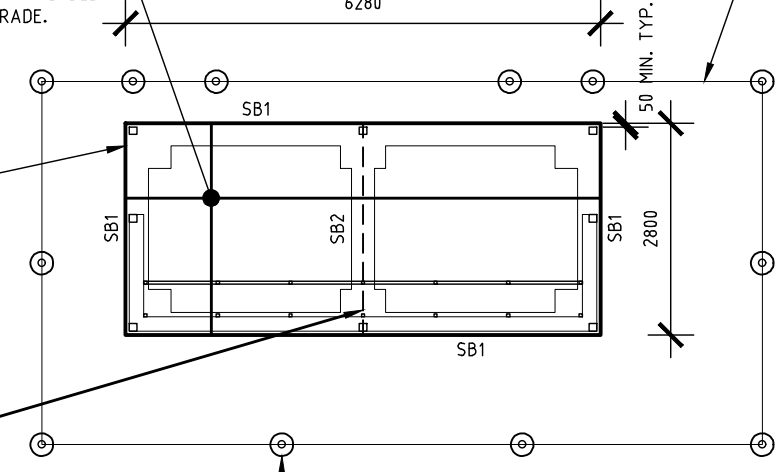
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1500mm HIGH, 200 SERIES BLOCK REAR WALL WITH SIDE RETURNS.

1200mm HIGH CHAINMESH FENCING TO REAR & SIDES (REFER TO FENCING DETAILS FOR SIZES).

125 THICK RC SLAB SL82 MESH TOP - 30 COVER 0.2mm VAPOUR BARRIER OVER 50mm SAND BED ON PREPARED SUBGRADE.

REFER TO FENCING DRAWINGS & SPECIFICATIONS FOR FULL FENCE & GATE DETAILS.



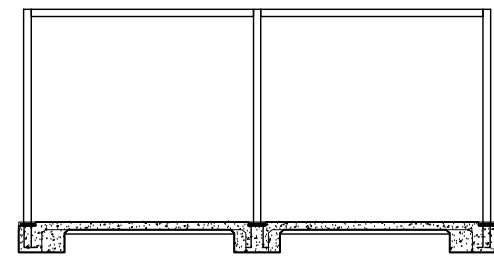
**SLAB PLAN**

1:100

600 SQ. x 400 DEEP PAD POURED INTEGRALLY WITH SLAB (TYPICAL UNDER COLUMNS). SLAB BEAM TRENCH MESH TO BE CONTINUOUS.

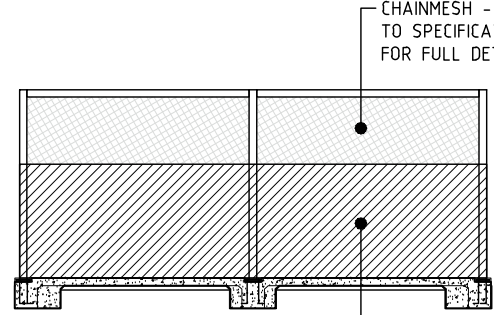
**SC**  
3mm WIDE x 20mm DEEP SAW CUT JOINT TO BE DONE WITHIN 24-48 HOURS OF POUR. LOCATE AT COLUMN CTRS AS SHOWN.

FENCE FOOTING AS PER FENCING DETAILS



**FRONT ELEVATION**

1:100



**REAR ELEVATION**

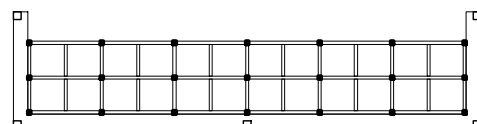
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CHAINMESH - REFER TO SPECIFICATION FOR FULL DETAILS.

1500mm HIGH, 200 SERIES BLOCK REAR WALL WITH SIDE RETURNS.

BENCH SEAT POST CTRS.

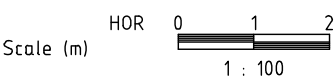
BENCH SEAT POST CTRS.



1500mm HIGH, 200 SERIES BLOCK REAR WALL WITH SIDE RETURNS.

**BENCH SEAT LAYOUT PLAN**

1:100



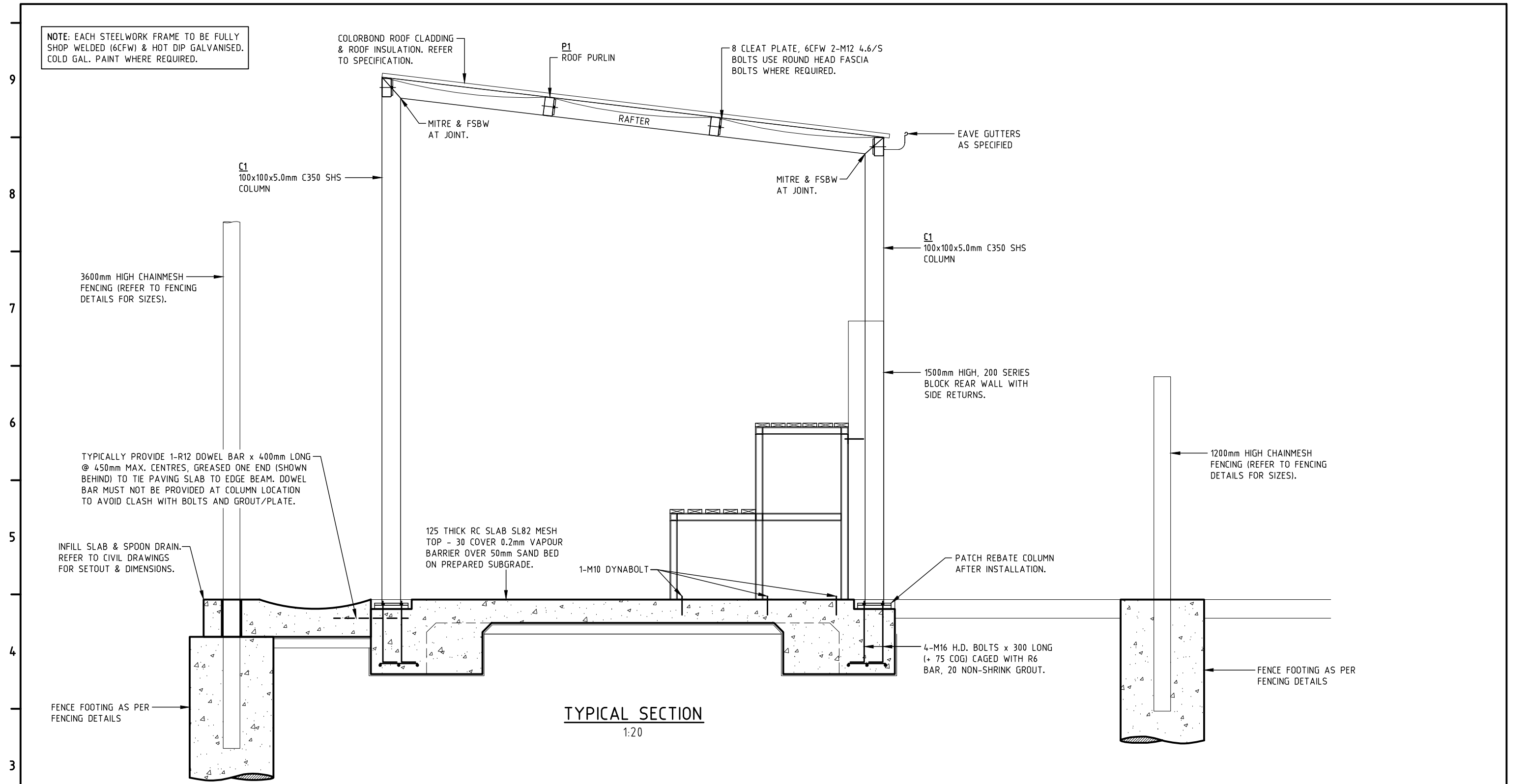
STRUCTURAL MEMBER SCHEDULE		
MARK	MEMBER SCHEDULE	REMARKS
C1	100x100x5.0mm C350 SHS	COLUMN
P1	C100-10 AT 1200mm MAX. CTRS. 1 ROW OF BRIDGING. - OPTION A 100x50x1.6mm C450 RHS AT 1200mm MAX. CTRS. - OPTION B	ROOF PURLINS
R1	100x100x5.0mm C350 SHS	RAFTER
RB1	SPEED BRACE OR APPROVED EQUIVALENT	ROOF BRACING

SLAB LEGEND		
MARK	SIZE	REINFORCEMENT
SLAB	125mm THICK	SL82 MESH TOP - 30 COVER
EDGE BEAM (SB1)	300mm WIDE x 400mm MIN. DEEP	3-L11TM - 50 COVER BOTTOM
INTERNAL BEAM (SB2)	300mm WIDE x 400mm MIN. DEEP	3-L11TM - 50 COVER BOTTOM

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		SITE ADDRESS: <b>BOEING RESERVE BOEING ROAD, STRATHMORE HEIGHTS.</b>	PLAN DESCRIPTION: <b>DUGOUT (ROOF PLAN, SLAB PLAN &amp; ELEVATIONS)</b>			CHECKED: S.K.M.	
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NOTE: EACH STEELWORK FRAME TO BE FULLY SHOP WELDED (6CFW) & HOT DIP GALVANISED. COLD GAL. PAINT WHERE REQUIRED.



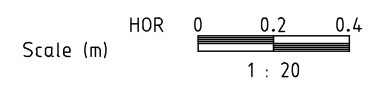
TYPICAL SECTION  
1:20

STRUCTURAL MEMBER SCHEDULE

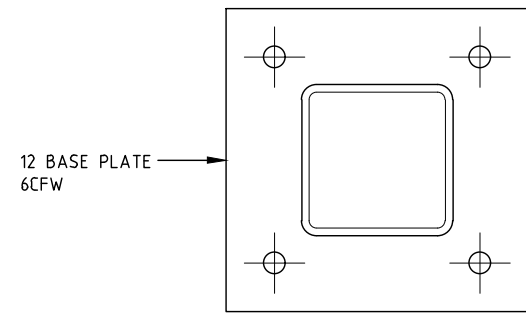
MARK	MEMBER SCHEDULE	REMARKS
C1	100x100x5.0mm C350 SHS	COLUMN
P1	C100-10 AT 1200mm MAX. CTRS. 1 ROW OF BRIDGING. - OPTION A 100x50x1.6mm C450 RHS AT 1200mm MAX. CTRS. - OPTION B	ROOF PURLINS
R1	100x100x5.0mm C350 SHS	RAFTER
RB1	SPEED BRACE OR APPROVED EQUIVALENT	ROOF BRACING

SLAB LEGEND

MARK	SIZE	REINFORCEMENT
SLAB	125mm THICK	SL82 MESH TOP - 30 COVER
EDGE BEAM (SB1)	300mm WIDE x 400mm MIN. DEEP	3-L11TM - 50 COVER BOTTOM
INTERNAL BEAM (SB2)	300mm WIDE x 400mm MIN. DEEP	3-L11TM - 50 COVER BOTTOM



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		SITE ADDRESS: <b>BOEING RESERVE BOEING ROAD, STRATHMORE HEIGHTS.</b>	PLAN DESCRIPTION: <b>DUGOUT (SECTION)</b>			CHECKED: S.K.M.	SCALE: @ A3 AS SHOWN
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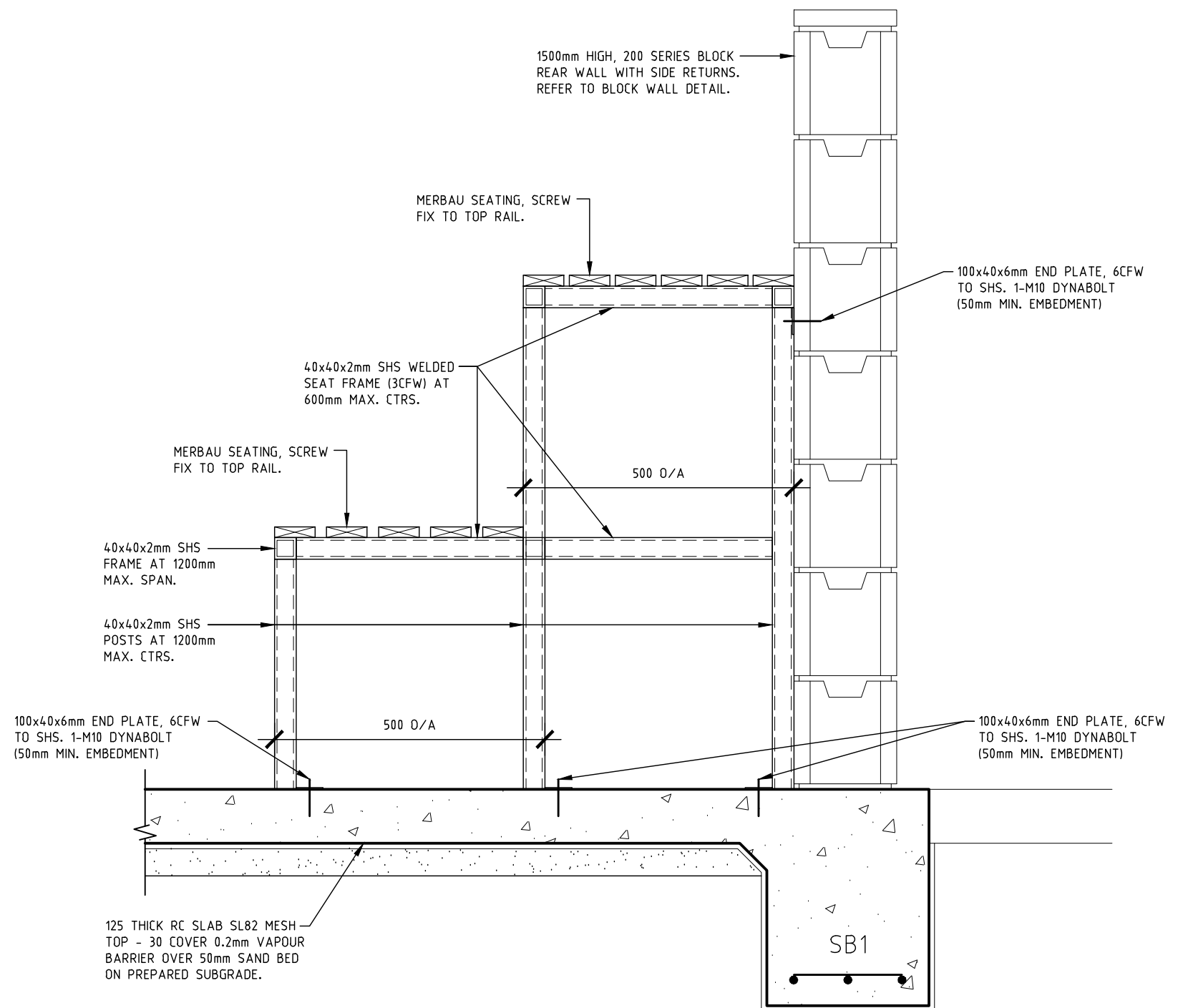
12 BASE PLATE  
6CFW

**TYPICAL C1 BASE PLATE  
DETAIL**  
1:5

500

STRUCTURAL MEMBER SCHEDULE		
MARK	MEMBER SCHEDULE	REMARKS
C1	100x100x5.0mm C350 SHS	COLUMN
P1	C100-10 AT 1200mm MAX. CTRS. - OPTION A 100x50x1.6mm C450 RHS AT 1200mm MAX. CTRS. - OPTION B	ROOF PURLINS
R1	100x100x5.0mm C350 SHS	RAFTER
RB1	SPEED BRACE OR APPROVED EQUIVALENT	ROOF BRACING

SLAB LEGEND		
MARK	SIZE	REINFORCEMENT
SLAB	125mm THICK	SL82 MESH TOP - 30 COVER
EDGE BEAM (SB1)	300mm WIDE x 400mm MIN. DEEP	3-L11TM - 50 COVER BOTTOM
INTERNAL BEAM (SB2)	300mm WIDE x 400mm MIN. DEEP	3-L11TM - 50 COVER BOTTOM



**BUILT-IN BENCH SEAT DETAIL**  
1:10

Scale (m) HOR 0 0.1 0.2  
1 : 10

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CLIENT:  
**2MH CONSULTING**

SITE ADDRESS:  
**BOEING RESERVE  
BOEING ROAD, STRATHMORE HEIGHTS.**

DEVELOPMENT TITLE:  
**CHRIS LANE MEMORIAL  
LITTLE LEAGUE FIELD**

PLAN DESCRIPTION:  
**DUGOUT  
(DETAILS)**

CITY OF  
**Moonee Valley**

**ISSUED FOR  
TENDER ONLY**  
NOT APPROVED FOR  
CONSTRUCTION

DRAWN: B.L.F.  
CHECKED: S.K.M.  
SCALE: AS SHOWN  
DATE: 18/10/21

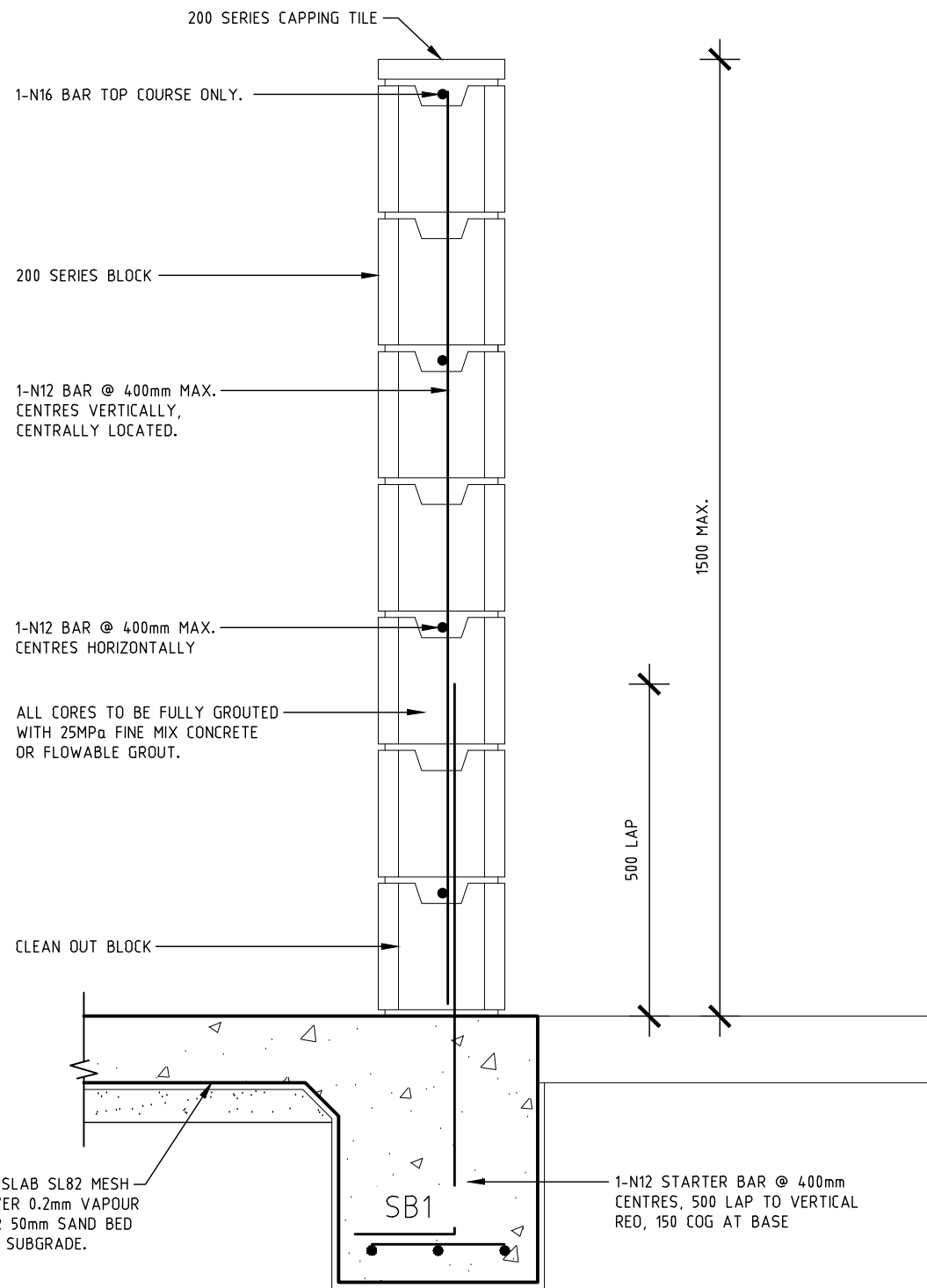
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COUNCIL  
SHEET.  
**12 of 20**

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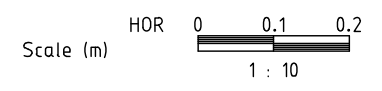
A B C D E F G H I J



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2



**1500mm MAX. HIGH  
BLOCK WALL DETAIL**  
1:10

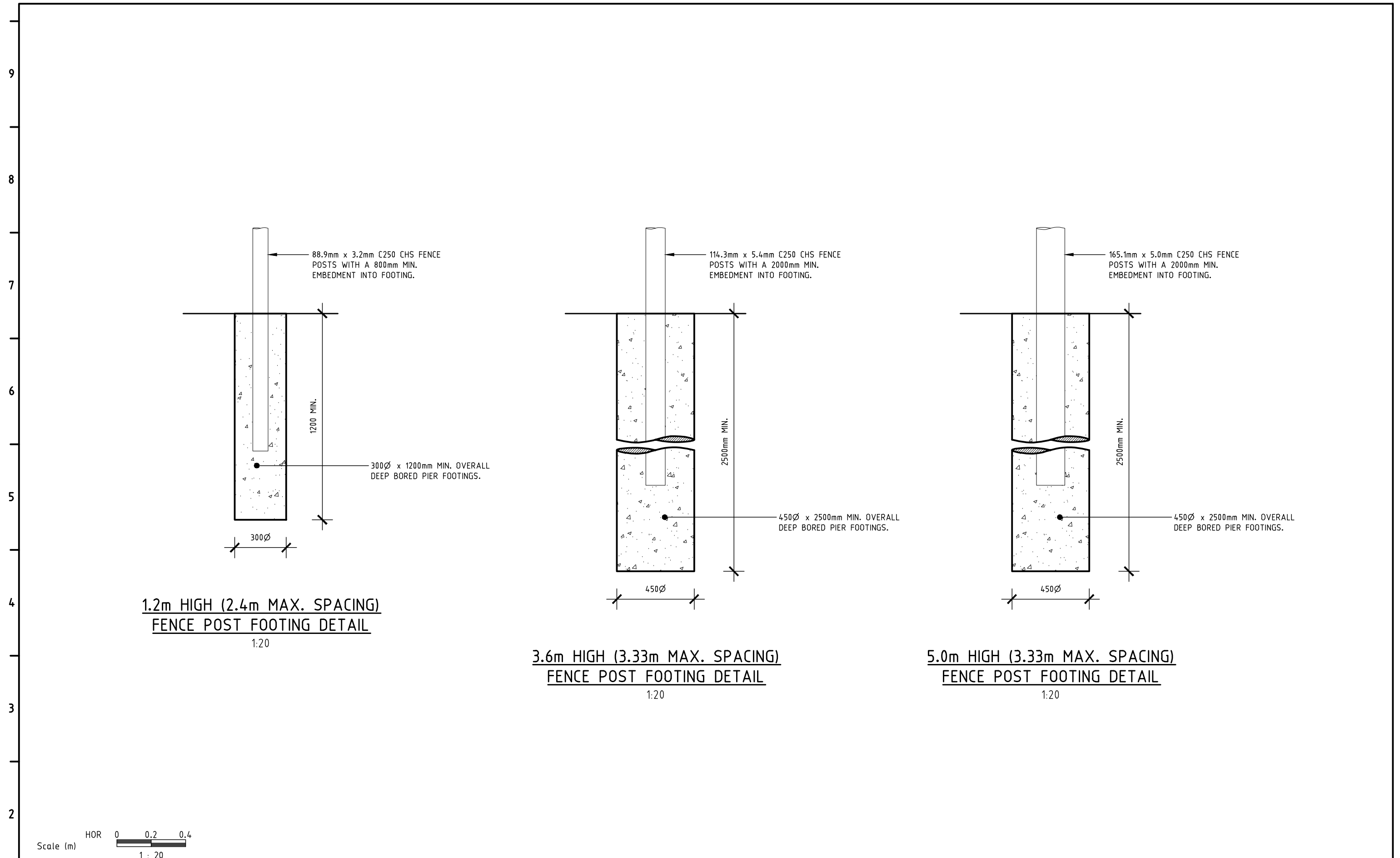


STRUCTURAL MEMBER SCHEDULE		
MARK	MEMBER SCHEDULE	REMARKS
C1	100x100x5.0mm C350 SHS	COLUMN
P1	C100-10 AT 1200mm MAX. CTRS. 1 ROW OF BRIDGING. - OPTION A 100x50x1.6mm C450 RHS AT 1200mm MAX. CTRS. - OPTION B	ROOF PURLINS
R1	100x100x5.0mm C350 SHS	RAFTER
RB1	SPEED BRACE OR APPROVED EQUIVALENT	ROOF BRACING





SLAB LEGEND		
MARK	SIZE	REINFORCEMENT
SLAB	125mm THICK	SL82 MESH TOP - 30 COVER
EDGE BEAM (SB1)	300mm WIDE x 400mm MIN. DEEP	3-L11TM - 50 COVER BOTTOM
INTERNAL BEAM (SB2)	300mm WIDE x 400mm MIN. DEEP	3-L11TM - 50 COVER BOTTOM

SUB-CONSULTANT: SHANE MUIR CONSULTING ENGINEERS 61 Powells Avenue, East Bendigo, VIC. 3550 ABN 35 090 257 855 PHONE: (03) 5444 2741 FAX: (03) 5444 2751 EMAIL: asm@smce.com.au	CONSULTANT: 2MH Consulting 2MH CONSULTING ARE THE OFFICIAL FACILITY ADVISORY SERVICE FOR TENNIS VICTORIA & NETBALL VICTORIA	CLIENT: <b>2MH CONSULTING</b>	DEVELOPMENT TITLE: <b>CHRIS LANE MEMORIAL LITTLE LEAGUE FIELD</b>			DRAWN: B.L.F.	DWG No. 2105035 COUNCIL
		SITE ADDRESS: <b>BOEING RESERVE BOEING ROAD, STRATHMORE HEIGHTS.</b>	PLAN DESCRIPTION: <b>DUGOUT (DETAILS)</b>			CHECKED: S.K.M.	
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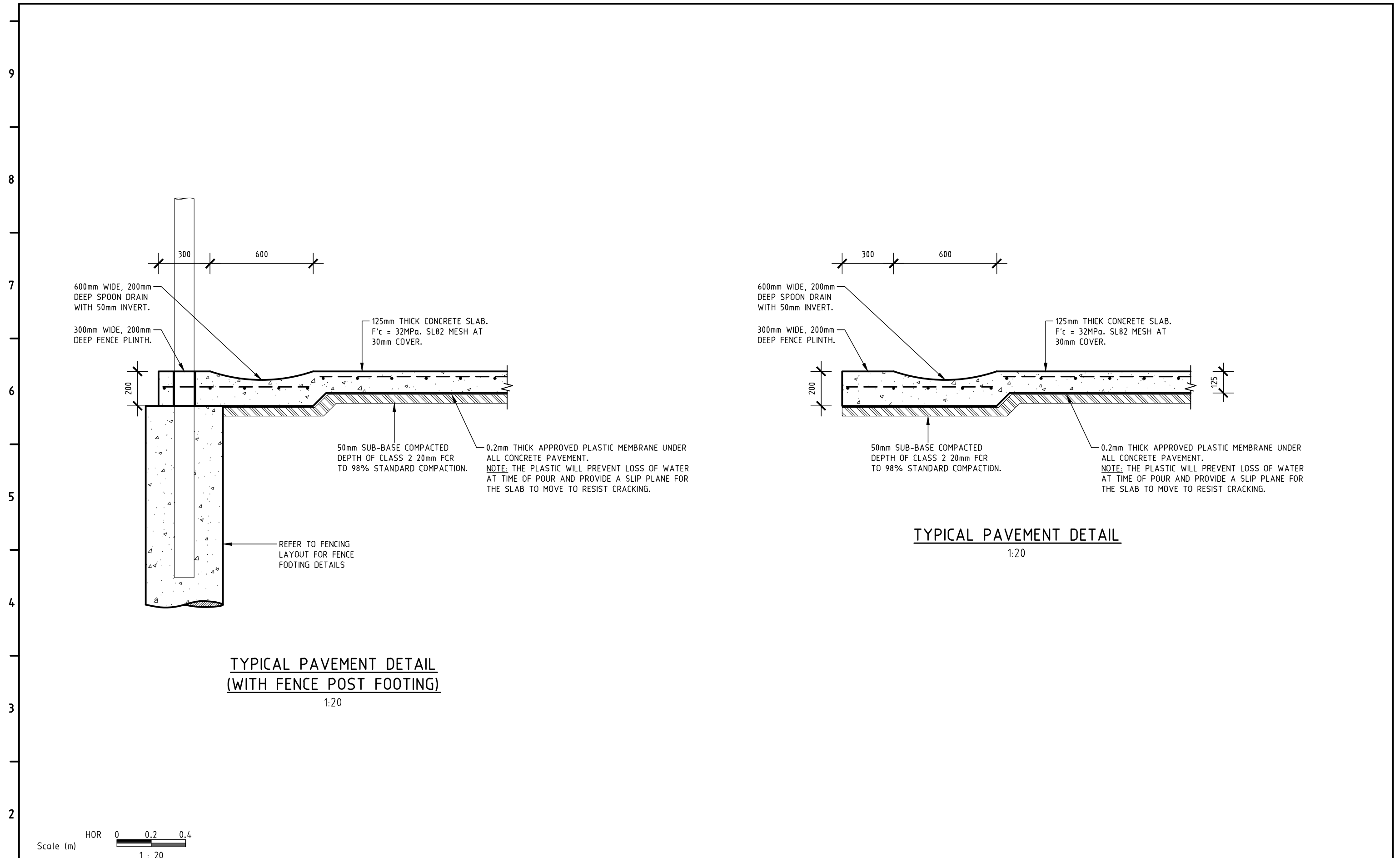
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HOR 0 0.2 0.4  
Scale (m) 1 : 20

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		SITE ADDRESS: <b>BOEING RESERVE BOEING ROAD, STRATHMORE HEIGHTS.</b>	PLAN DESCRIPTION: <b>FENCE FOOTING (DETAILS)</b>			CHECKED: S.K.M.	
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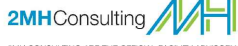







**TYPICAL PAVEMENT DETAIL  
(WITH FENCE POST FOOTING)**  
1:20

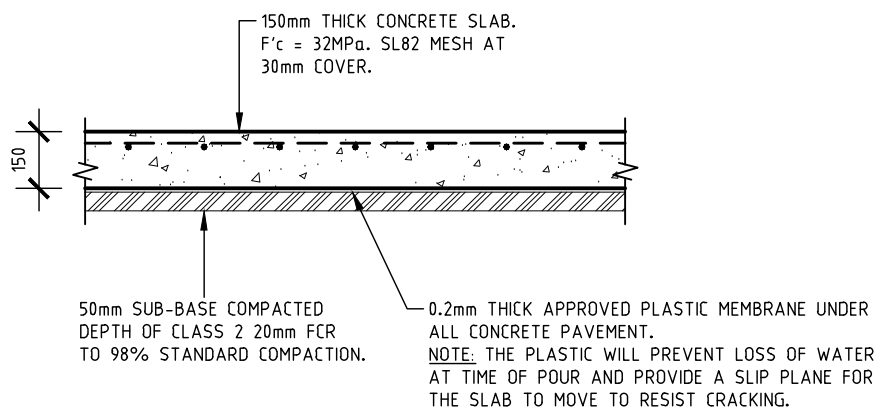
**TYPICAL PAVEMENT DETAIL**  
1:20

Scale (m) HOR 0 0.2 0.4  
1 : 20

SUB-CONSULTANT:  SHANE MUIR CONSULTING ENGINEERS 61 Powells Avenue, East Bendigo, VIC. 3550 ABN 35 090 257 855 PHONE: (03) 5444 2741 FAX: (03) 5444 2751 EMAIL: asm@smce.com.au	CONSULTANT:  2MH Consulting <small>2MH CONSULTING ARE THE OFFICIAL FACILITY ADVISORY SERVICE FOR TENNIS VICTORIA &amp; NETBALL VICTORIA</small> 	CLIENT: <b>2MH CONSULTING</b>	DEVELOPMENT TITLE: <b>CHRIS LANE MEMORIAL LITTLE LEAGUE FIELD</b>			DRAWN: B.L.F.	DWG No. 2105035 COUNCIL
		SITE ADDRESS: <b>BOEING RESERVE BOEING ROAD, STRATHMORE HEIGHTS.</b>	PLAN DESCRIPTION: <b>PAVEMENT (DETAILS)</b>			CHECKED: S.K.M.	
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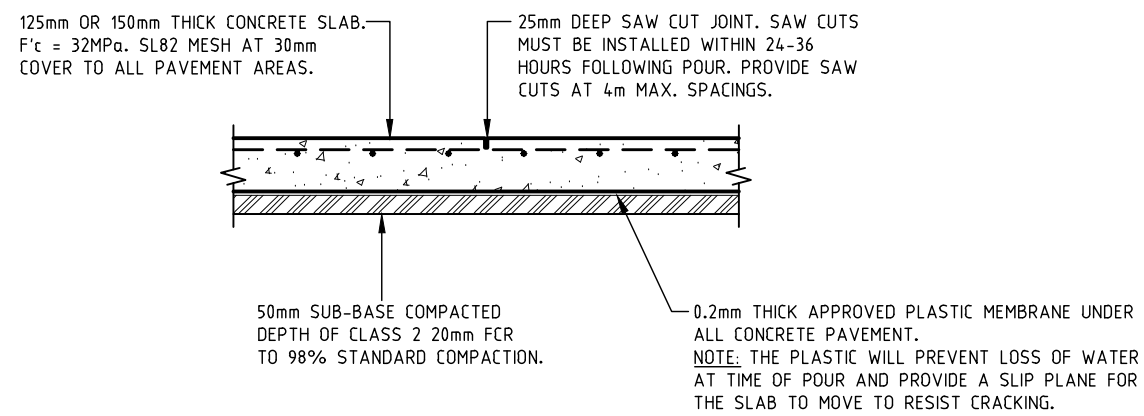
1

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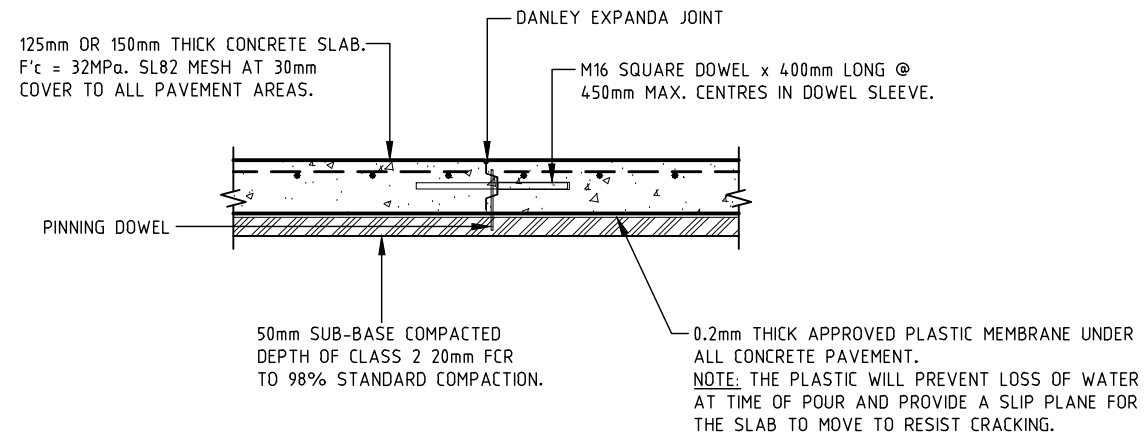


**TYPICAL BLEACHER PAVEMENT DETAIL**  
1:20

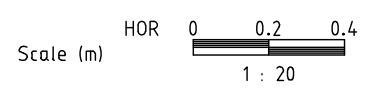
**NOTE:** DANLEY EXPANDA JOINTS MUST RUN PERPENDICULAR TO BASEBALL FIELD FENCES TO MINIMISE WATER FALLING INTO JOINT (NOT PARALLEL). PROVIDE JOINTS AT 25m MAX. SPACINGS OR POUR LENGTH.







**TYPICAL SAW CUT JOINT DETAILS**  
1:20

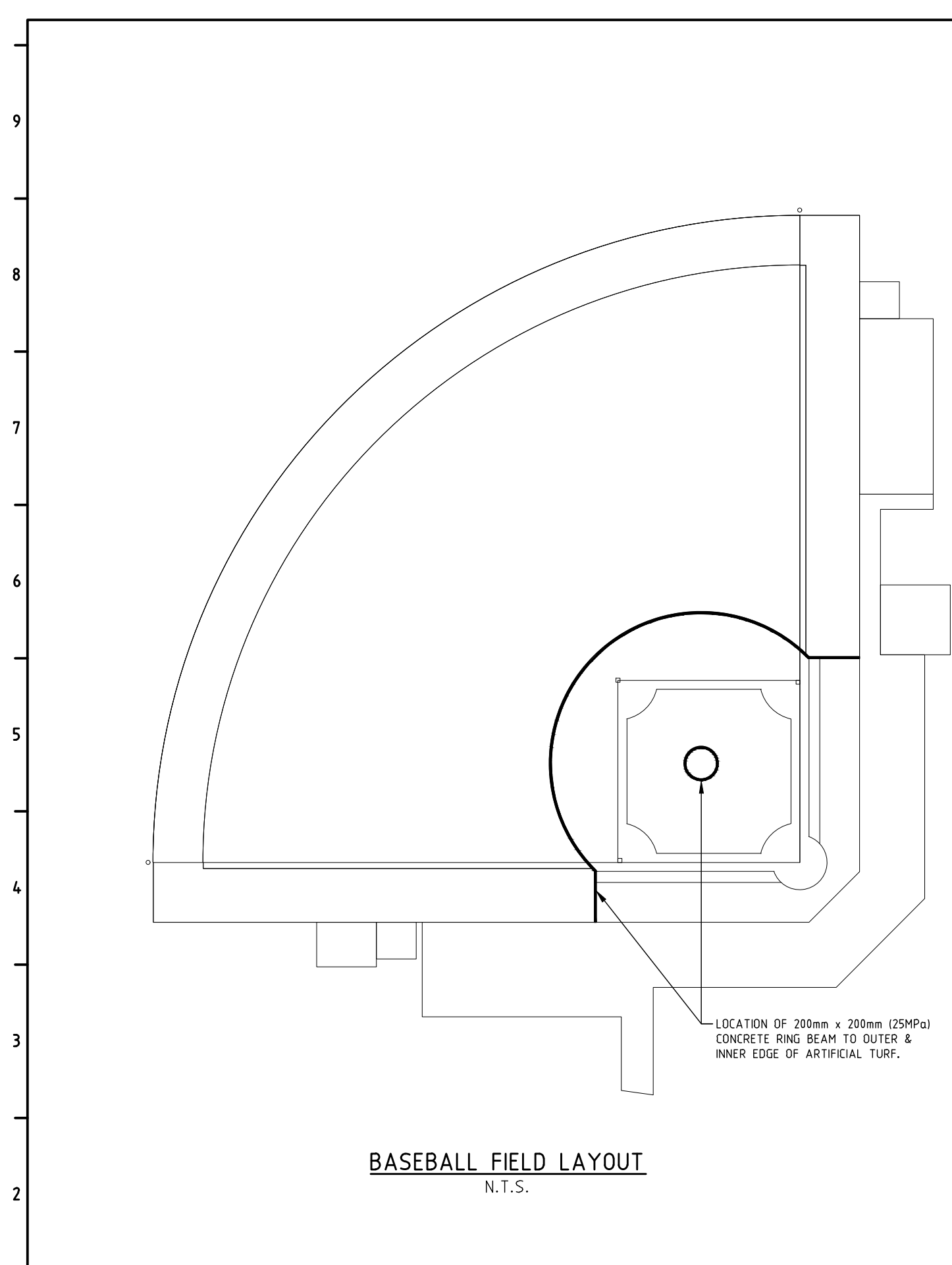


**TYPICAL CONSTRUCTION JOINT DETAILS**  
1:20

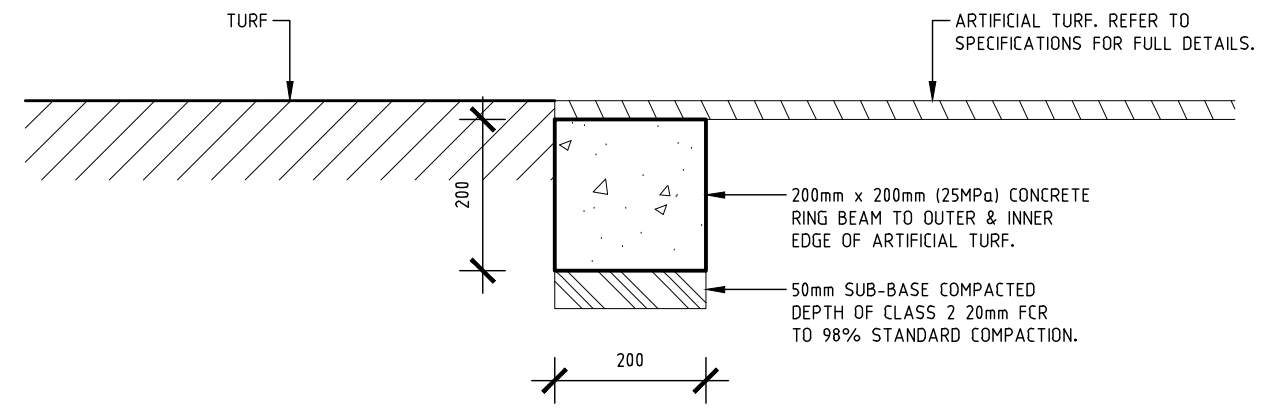


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		SITE ADDRESS: <b>BOEING RESERVE BOEING ROAD, STRATHMORE HEIGHTS.</b>	PLAN DESCRIPTION: <b>PAVEMENT (DETAILS)</b>			CHECKED: S.K.M.	
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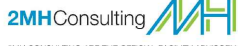








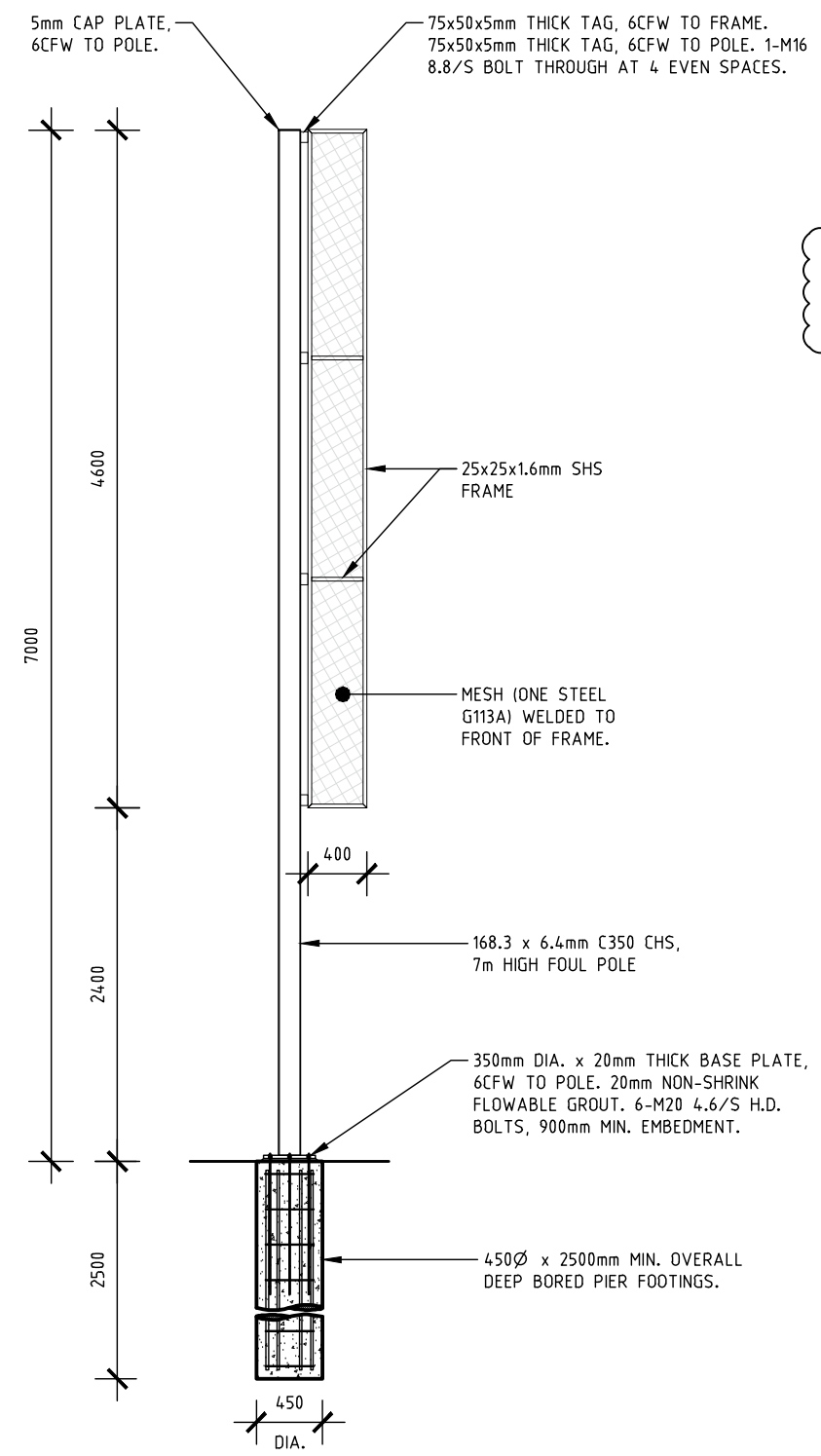
**BASEBALL FIELD LAYOUT**  
N.T.S.



**ARTIFICIAL TURF RING BEAM DETAIL**  
1:10

1	SUB-CONSULTANT:  <b>SHANE MUIR CONSULTING ENGINEERS</b> 61 Powells Avenue, East Bendigo, VIC. 3550 ABN 35 090 257 855 PHONE: (03) 5444 2741 FAX: (03) 5444 2751 EMAIL: adm@smce.com.au		CONSULTANT:  <b>2MH CONSULTING</b> <small>2MH CONSULTING ARE THE OFFICIAL FACILITY ADVISORY SERVICE FOR TENNIS VICTORIA &amp; NETBALL VICTORIA</small>  		CLIENT: <b>2MH CONSULTING</b>		DEVELOPMENT TITLE: <b>CHRIS LANE MEMORIAL LITTLE LEAGUE FIELD</b>				DRAWN: B.L.F. CHECKED: S.K.M.		DWG No. 2105035 COUNCIL						
	COPYRIGHT ©		SITE ADDRESS: <b>BOEING RESERVE BOEING ROAD, STRATHMORE HEIGHTS.</b>		PLAN DESCRIPTION: <b>ARTIFICIAL TURF RING BEAM (DETAIL)</b>				SCALE: @ A3 AS SHOWN		DATE: 18/10/21		SHEET: <b>17 of 20</b>						
A		B		C		D		E		F		G		H		I		J	




9  
8  
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3  
2



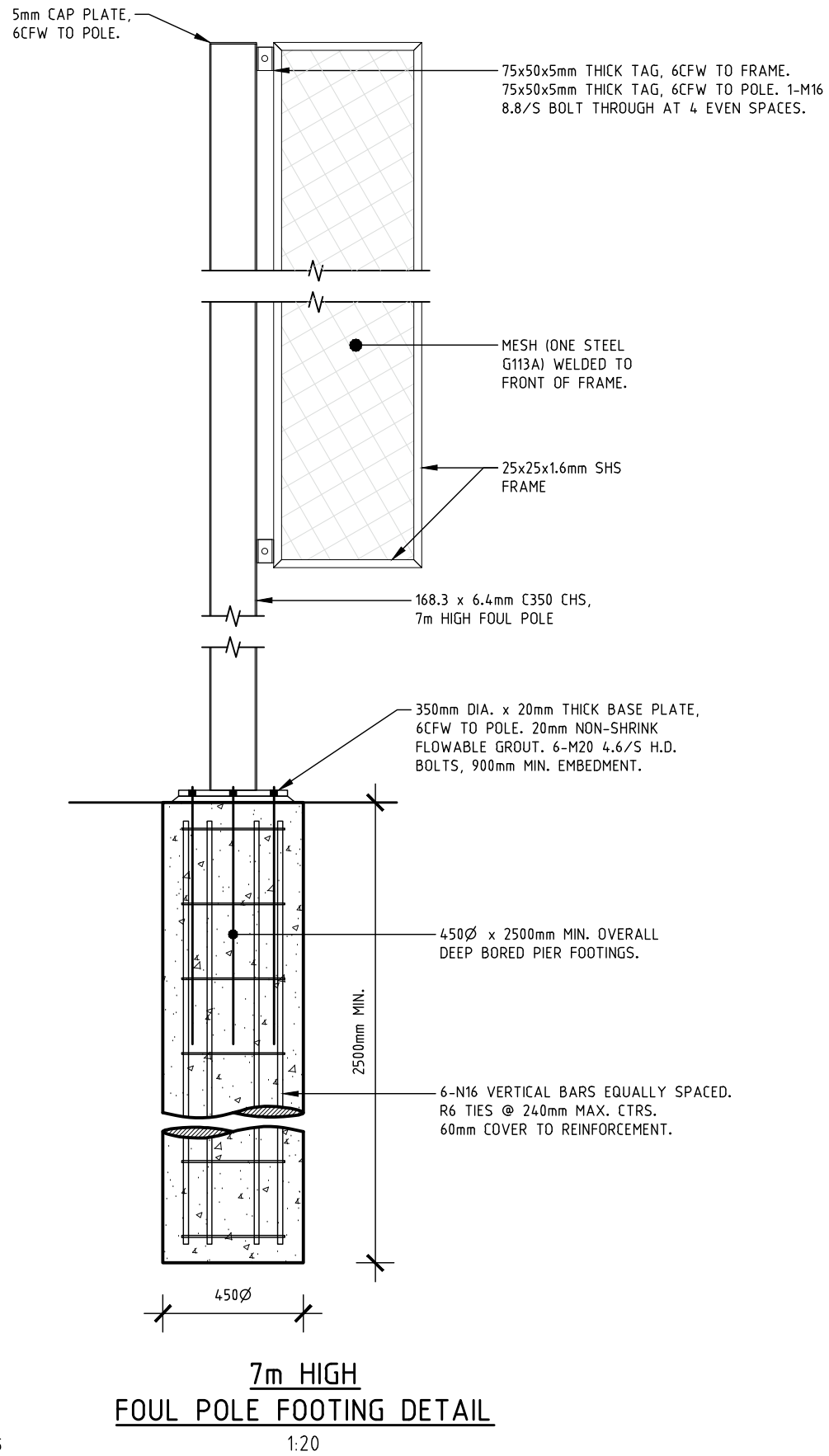
**NOTE:**  
ALL STEEL TO BE HOT DIPPED GALVANISED & POWDERCOATED BRIGHT YELLOW (EXACT COLOUR AS PER SPECIFICATIONS).

**FRONT ELEVATION**  
1:50

Scale (m) HOR 0 0.5 1  
1 : 50

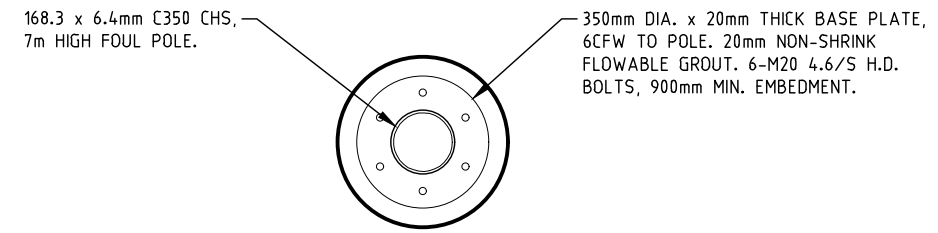
<p>SUB-CONSULTANT:  SHANE MUIR CONSULTING ENGINEERS 61 Powells Avenue, East Bendigo, VIC. 3550 ABN 35 090 257 855 PHONE: (03) 5444 2741 FAX: (03) 5444 2751 EMAIL: admn@smce.com.au</p>	<p>CONSULTANT:  2MH Consulting 2MH CONSULTING ARE THE OFFICIAL FACILITY ADVISORY SERVICE FOR TENNIS VICTORIA &amp; NETBALL VICTORIA</p>	<p>CLIENT: <b>2MH CONSULTING</b></p>	<p>DEVELOPMENT TITLE: <b>CHRIS LANE MEMORIAL LITTLE LEAGUE FIELD</b></p>		<p><b>ISSUED FOR TENDER ONLY</b> NOT APPROVED FOR CONSTRUCTION</p>	<p>DRAWN: B.L.F. CHECKED: S.K.M.</p>	<p>DWG No. 2105035 COUNCIL</p>
<p>COPYRIGHT ©</p>		<p>SITE ADDRESS: <b>BOEING RESERVE BOEING ROAD, STRATHMORE HEIGHTS.</b></p>	<p>PLAN DESCRIPTION: <b>FOUL POLE (ELEVATION)</b></p>		<p>Moonee Valley</p>	<p>SCALE: AS SHOWN DATE: 18/10/21</p>	<p>SHEET: <b>18 of 20</b></p>

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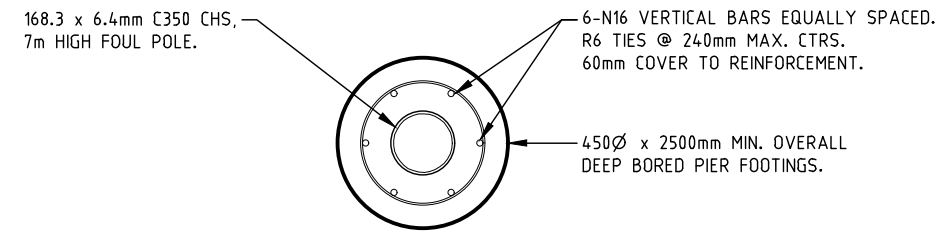


**7m HIGH FOUL POLE FOOTING DETAIL**  
1:20

HOR Scale (m) 0 0.25 0.5  
1 : 50



**BASE PLATE CONNECTION DETAIL**  
**(PLAN)**  
1:20



**FOUL POLE FOOTING DETAIL**  
**(PLAN)**  
1:20

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CLIENT:  
**2MH CONSULTING**  
SITE ADDRESS:  
**BOEING RESERVE  
BOEING ROAD, STRATHMORE HEIGHTS.**

DEVELOPMENT TITLE:  
**CHRIS LANE MEMORIAL  
LITTLE LEAGUE FIELD**  
PLAN DESCRIPTION:  
**FOUL POLE  
(DETAILS)**



**ISSUED FOR TENDER ONLY**  
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# GENERAL STRUCTURAL NOTES

## GENERAL

- A1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER WORKING DRAWINGS AND SPECIFICATIONS.
- A2. ALL STRUCTURAL WORK SHALL BE IN ACCORDANCE WITH THE RELEVANT AND CURRENT S.A.A. CODES.
- A3. THE STABILITY OF THE STRUCTURE DURING CONSTRUCTION IS THE BUILDER'S RESPONSIBILITY.
- A4. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SPECIFIED OTHERWISE.

## CONCRETE

- B1. ALL CONCRETE SHALL BE SUPPLIED AND PLACED IN ACCORDANCE WITH A.S.3600.
- B2. ALL CONCRETE MUST BE VIBRATED AND APPROPRIATELY CURED.
- B3. ALL CONCRETE ELEMENTS SHALL BE CONSTRUCTED OF CONCRETE HAVING A MINIMUM COMPRESSIVE STRENGTH NOMINATED IN TABLE C2.2 WITHIN GENERAL NOTES AT 28 DAYS CURING.

## FOUNDATIONS

- C1. ALL RAFT SLAB EDGE BEAMS, INTERNAL BEAMS AND SLAB PANELS HAVE BEEN DESIGNED FOR A MINIMUM BEARING CAPACITY OF 50kPa. STRIP & PAD FOOTINGS HAVE BEEN DESIGNED FOR A MINIMUM BEARING CAPACITY OF 100kPa.
- C2. ANY SOFT SPOTS DETECTED BENEATH FOUNDATIONS MUST BE REMOVED AND A BLINDING LAYER OF 15MPa CONCRETE POURED TO REPLACE THE EXCAVATED MATERIAL.

## STEELWORK

- D1. ALL WORKMANSHIP SHALL BE IN ACCORDANCE WITH CURRENT EDITIONS OF S.A.A. CODES AND A.S.1250 AND A.S.4100.
- D2. STRUCTURAL GRADE QUALITY STEEL MUST BE USED THROUGHOUT.
- D3. ALL WELDS SHALL BE OF STRUCTURAL GRADE ELECTRODE AND TO BE 6mm CONTINUOUS FILLET UNLESS NOTED OTHERWISE.

## CONCRETE NOTES:

- C1. ALL WORKMANSHIP AND MATERIALS SHALL COMPLY WITH AS3600 EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
- C2. CONCRETE QUALITY
  - C2.1 ALL CONCRETE SHALL COMPLY WITH AS1379. NO BRECCIA-TYPE AGGREGATE IS TO BE USED
  - C2.2 COMPRESSIVE STRENGTH GRADES:

ELEMENT	STRENGTH GRADE (MPa)	CEMENT TYPE TO AS3972	SLUMP (mm)	MAXIMUM AGGREGATE SIZE (mm)
SLABS	N32	SL	80	20
LIGHT TOWER FOOTINGS	N25	SL	80	20
RETAINING WALLS, FENCE FOOTINGS AND PATHS	N25	SL	80	20
MASS CONCRETE	N20	GP	80	20
ELSEWHERE U.N.O.	N25	SL	80	20

SPECIAL CLASS CONCRETE (PREFIXED 'S' IN TABLE) SHALL HAVE PROPERTIES OF NORMAL CLASS CONCRETE WITH THE FOLLOWING SPECIAL REQUIREMENTS:

- CLASS S
- SHRINKAGE STRAIN SHALL NOT EXCEED 600X10<sup>-6</sup> IN ACCORDANCE WITH AS1012.
  - CEMENT SHALL BE TYPE SL TO AS3972.
- C2.4 PROJECT ASSESSMENT OF CONCRETE STRENGTH SHALL BE CARRIED OUT IN ACCORDANCE WITH AS1379.
  - C2.5 PROJECT CONTROL TESTING SHALL BE CARRIED OUT IN ACCORDANCE WITH AS1379. THE MINIMUM FREQUENCY OF SAMPLING OF EACH TYPE AND GRADE SHALL BE IN ACCORDANCE WITH THE FOLLOWING TABLE OR PER APPROVAL BY ENGINEER:

NUMBER OF BATCHES PER DAY	NUMBER OF SAMPLES 1 SAMPLE = 2 CYLINDERS
1	1
2 TO 5	2
6 TO 10	3
11 TO 20	4
FOR EACH ADDITIONAL 10	1 ADDITIONAL

- C2.6 NO ADMIXTURES SHALL BE USED IN CONCRETE UNLESS APPROVED BY THE ENGINEER IN WRITING.
- C3. CONCRETE PROFILES
  - C3.1 BEAM DEPTHS ARE WRITTEN FIRST AND INCLUDE THE SLAB THICKNESS.
  - C3.2 SIZES OF CONCRETE ELEMENTS DO NOT INCLUDE THICKNESS OF APPLIED FINISHES.
  - C3.3. NO HOLES, CHASES OR EMBEDMENT OF PIPES OTHER THAN SHOWN IN THE STRUCTURAL DRAWINGS SHALL BE MADE IN CONCRETE MEMBERS WITHOUT THE PRIOR APPROVAL OF ENGINEER.
  - C3.4 PROVIDE DRIP GROOVES AT ALL EXPOSED EDGES. CHAMFERS, DRIP GROOVES, REGLETS ETC. TO BE TO ARCHITECT'S DETAILS.
  - C3.5 CONSTRUCTION JOINTS NOT SHOWN IN THE STRUCTURAL DRAWINGS SHALL BE TO THE WRITTEN APPROVAL OF THE ENGINEER.
- C4. COMPACT ALL CONCRETE, INCLUDING FOOTINGS AND SLABS ON GROUND, WITH MECHANICAL VIBRATORS.

HOR Scale (m) 0 0.25 0.5  
1 : 50

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CLIENT:  
**2MH CONSULTING**  
 SITE ADDRESS:  
**BOEING RESERVE  
 BOEING ROAD, STRATHMORE HEIGHTS.**

DEVELOPMENT TITLE:  
**CHRIS LANE MEMORIAL  
 LITTLE LEAGUE FIELD**  
 PLAN DESCRIPTION:  
**GENERAL NOTES**



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 CONSTRUCTION

DRAWN: B.L.F.  
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