

GENERAL

- G1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANT'S DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ALL DISCREPANCIES SHALL BE REFERRED TO THE ARCHITECT FOR DECISION BEFORE PROCEEDING WITH THE WORK.
- G2. ALL DIMENSIONS RELEVANT TO SETTING OUT AND OFF-SITE WORK SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION AND FABRICATION IS COMMENCED. THE ENGINEER'S DRAWINGS SHALL NOT BE SCALED.
- G3. DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STRUCTURE IN A STABLE CONDITION AND ENSURING NO PART SHALL BE OVERSTRESSED UNDER CONSTRUCTION ACTIVITIES.
- G4. WORKMANSHIP AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE RELEVANT CURRENT S.A.A. CODES INCLUDING ALL AMENDMENTS, AND THE LOCAL STATUTORY AUTHORITIES, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
- G5. THE APPROVAL OF A SUBSTITUTION SHALL BE SOUGHT FROM THE ENGINEER BUT IS NOT AN AUTHORISATION FOR AN EXTRA. ANY EXTRA INVOLVED MUST BE TAKEN UP WITH THE ARCHITECT BEFORE THE WORK COMMENCES.
- G6. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE. ALL LEVELS ARE EXPRESSED IN METRES.
- G7. CONTRACTOR TO INVESTIGATE IF THERE ARE ANY UNDERGROUND SERVICES PRIOR TO COMMENCEMENT OF EXCAVATIONS
- G8. ALL WORKS SHALL COMPLY WITH THE RECOMMENDATIONS IN THE COMMUNITY CRICKET FACILITY GUIDELINES BY CRICKET AUSTRALIA, UNLESS OTHERWISE SPECIFIED IN THESE DRAWINGS

FOOTING AND SITE PREPARATION

- F1. FOOTINGS ARE TO BE FOUNDED IN ORIGINAL UNDISTURBED GROUND HAVING A SAFE BEARING CAPACITY OF 100 kPa. BEFORE ANY CONCRETE IS PLACED THE SAFE BEARING CAPACITY SHALL BE VERIFIED BY A QUALIFIED ENGINEER OR THE BUILDING SURVEYOR.
- F2. FOR FOUNDING MATERIAL RECOMMENDATIONS AND ANTICIPATED EXCAVATION CONDITIONS, REFER TO THE SOIL REPORT No. 1221025-1 BY CIVIL TEST PTY LTD, DATED 25-07-2022
- F3. ALL AREAS TO BE PAVED SHALL BE STRIPPED OF ALL TOP SOIL INCLUDING ALL VEGETATION AND ORGANIC MATTER.
- F4. ALL AREAS SHALL THEN BE PROOF ROLLED WITH A MEDIUM TO HEAVY DUTY VIBRATING ROLLER AND VISUALLY INSPECTED, ALL SOFT OR SPONGY AREAS SHALL BE REMOVED AND REPLACED WITH AN APPROVED GRANULAR MATERIAL PLACED AND COMPACTED IN 150MM LAYERS AS SPECIFIED BELOW.
- F5. ALL FILL SHALL BE PLACED IN 150MM THICK COMPACTED LAYERS USING APPROVED GRANULAR MATERIAL, COMPACTED TO A DRY DENSITY NOT LESS THAN 98% OF THE MAXIMUM DRY DENSITY VALUE, DETERMINED BY THE STANDARD COMPACTION TEST IN ACCORDANCE WITH AS 1289 5.1.1 - 1993.
- F6. ALL FILL MATERIAL SHALL BE WELL GRADED WITH A MAXIMUM AGGREGATE SIZE OF 40mm.
- F7. ALL EARTHWORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH AS 3798-2007 GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS.
- F8. DURING COMPACTION, THE FILL MATERIAL SHALL HAVE A MOISTURE CONTENT WITHIN THE RANGE OF 85% TO 115% OF THE OPTIMUM MOISTURE CONTENT, AS DETERMINED BY THE STANDARD COMPACTION TEST IN ACCORDANCE WITH AS 1289 5.1.1 - 1993.

CONCRETE

- C1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3600-2018.
- C2. MINIMUM COVER (mm) TO ALL REINFORCEMENT UNLESS OTHERWISE SHOWN SHALL BE AS FOLLOWS :
 STRIP AND PAD FOOTINGS : 50mm
 SLAB ON GROUND : 40mm
- C3. SIZES OF CONCRETE ELEMENTS DO NOT INCLUDE THICKNESS OF APPLIED FINISHES.
- C4. BEAM DEPTHS ARE WRITTEN FIRST AND INCLUDE SLAB THICKNESS.
- C5. NO HOLES, CHASES OR EMBEDMENT OF PIPES OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE MADE IN CONCRETE MEMBERS WITHOUT PRIOR APPROVAL OF THE ENGINEER.
- C6. CONSTRUCTION JOINTS SHALL BE PROPERLY FORMED AND USED ONLY WHERE SHOWN OR SPECIFICALLY APPROVED BY THE ENGINEER.
- C7. REINFORCEMENT IS REPRESENTED DIAGRAMMATICALLY AND NOT NECESSARILY SHOWN IN TRUE PROJECTION.
- C8. SPLICES IN REINFORCEMENT SHALL BE MADE ONLY IN THE POSITIONS SHOWN OR AS OTHERWISE APPROVED BY THE ENGINEER.
- C9. WELDING OF REINFORCEMENT SHALL NOT BE PERMITTED WITHOUT THE APPROVAL OF THE ENGINEER. ALL WELDING OF REINFORCEMENT SHALL BE PERFORMED USING E4816 OR E4818 ELECTRODES ONLY.
- C10. ALL REINFORCEMENT SHALL BE SECURELY SUPPORTED IN ITS CORRECT POSITION DURING CONCRETING BY APPROVED BAR CHAIRS, SPACERS OR SUPPORT BARS.
- C11. REINFORCEMENT SYMBOLS:
 N STRUCTURAL GRADE DEFORMED HOT-ROLLED BARS TO AS 4671-2001.
 R STRUCTURAL GRADE PLAIN ROUND BAR TO AS 4671-2001.
 SL/RL WELDED STEEL WIRE REINFORCING FABRIC TO AS 4671-2001.
 THE NUMBER FOLLOWING THE BAR SYMBOL IS THE NOMINAL BAR DIAMETER IN MILLIMETRES.
- C12. MINIMUM GRADES OF ALL CONCRETE ELEMENTS SHALL BE AS FOLLOWS:-
 BLINDING AND UNREINFORCED CONCRETE : 15Mpa
 FOOTINGS : 25Mpa
 EXTERNAL PAVEMENT SLABS : 32Mpa
- C13. ALL CONCRETE SHALL BE MOIST CURED FOR AT LEAST 7 DAYS IMMEDIATELY AFTER CONCRETING UNLESS OTHERWISE APPROVED BY THE ENGINEER. FORMWORK SHALL BE LEFT IN PLACE FOR THE FOLLOWING TIMES-
 BEAM SIDES, VERTICAL FACES OF WALLS AND COLUMNS : 5 DAYS
- C14. ALL CONCRETE PLACED SHALL BE READY MIXED CONCRETE SUPPLIED IN ACCORDANCE WITH AS 1379-2007.

STRUCTURAL STEEL

- S1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 4100-2020.
- S2. WELDING SHALL BE PERFORMED BY AN EXPERIENCED OPERATOR IN ACCORDANCE WITH AS 1554.
- S3. BOLTS NOT DESIGNATED SHALL BE GRADE 8.8/S BOLTS TO AS/NZS 1996 TIGHTENED TO A SNUG TIGHT FIT. BOLTS DESIGNATED HS SHALL BE HIGH STRENGTH STEEL BOLTS TO AS/NZS 1996 TIGHTENED TO A SNUG TIGHT FIT. BOLTS DESIGNATED HSTF AND HSTB SHALL BE HIGH STRENGTH STEEL BOLTS TO AS/NZS 1996 FULLY TENSIONED IN ACCORDANCE WITH AS 1511.
- S4. THE CONTRACTOR SHALL PROVIDE AND LEAVE IN PLACE UNTIL PERMANENT BRACING ELEMENTS ARE CONSTRUCTED SUCH TEMPORARY BRACING AS IS NECESSARY TO STABILISE THE STRUCTURE DURING ERECTION.
- S5. CONCRETE ENCASED FIRE RATED STEELWORK SHALL BE WRAPPED WITH RF41 FABRIC, UNLESS OTHERWISE SHOWN.
- S6. THE ENDS OF ALL TUBULAR MEMBERS ARE TO BE SEALED WITH NOMINAL THICKNESS PLATES AND CONTINUOUS FILLET WELD UNLESS OTHERWISE SHOWN.
- S7. CAMBER TO BE AS NOTED ON THE DRAWINGS.
- S8. BEFORE FABRICATION IS COMMENCED THE CONTRACTOR SHALL SUBMIT COPIES OF THE SHOP DRAWINGS TO THE ARCHITECT FOR REVIEW. REVIEW DOES NOT INCLUDE CHECKING OF DIMENSIONS AND DOES NOT REDUCE THE CONTRACTOR'S RESPONSIBILITY FOR THE ACCURACY OF THE SHOP DRAWINGS.
- S9. ALL EXTERNAL STEELWORK SHALL BE HOT DIP GALVANISED U.N.O. PROVIDE ADEQUATE DRAIN HOLES.
- S10. EXCEPT WHERE OTHERWISE SHOWN WELDS TO BE 6mm CONTINUOUS FILLET.
- S11. ALL HOLLOW SECTIONS TO BE HOT DIP GALVANISED AND SHALL BE FABRICATED WITH ADEQUATE DRAIN HOLES.

CHAINLINK FENCING

- CL1. THE SUPPLY AND INSTALLATION OF ALL CHAIN LINK FENCING INCLUDING WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS1725.1-2010
- CL2. CHAIN LINK FENCING FABRIC, SINGLE-STRANDED FENCING WIRE AND TIE WIRE SHALL COMPLY IN ALL RESPECTS WITH AS.2423
- CL3. ALL CHAIN LINK FABRIC SHALL BE BLACK PVC COATED OR FUSION BONDED UNLESS NOTED OTHERWISE.
- CL4. ALL CHAIN LINK FABRIC SHALL BE STRAINED TAUT AND LACED TO THE TOP AND BOTTOM RAILS AND END POSTS WITH 2.0mm BLACK PVC COATED LACING WIRE AND SECURED TO THE HORIZONTAL CABLE WIRES, AS PER AS1725-2010.
- CL5. ALL POSTS, RAILS AND FITTINGS SHALL BE POWDER COATED BLACK UNLESS NOTED OTHERWISE.

NOTE
 CHAIN LINK FABRIC FENCING CRICKET PRACTICE WICKETS SHALL COMPLY WITH AS.1725.4-2010

**WARNING AND DISCLAIMER
 BEWARE OF UNDERGROUND SERVICES**
 THE INFORMATION PROVIDED IN THESE DRAWINGS RELATING TO THE POSITIONS OF UNDERGROUND SERVICES IS INTENDED TO BE ONLY A GUIDE FOR EXCAVATION WORKS. JYN ENGINEERING CONSULTANTS DOES NOT WARRANT OR REPRESENT THAT THE POSITIONS OF THESE SERVICES SHOWN ON THE DRAWINGS ARE ACCURATE. FURTHERMORE, SERVICES MAY EXIST OF WHICH JYN ENGINEERING CONSULTANTS IS UNAWARE. THE INFORMATION PROVIDED SHOULD THEREFORE NOT BE RELIED UPON AND EXACT POSITIONS OF SERVICES SHOULD BE VERIFIED BY HAND EXCAVATION. FURTHERMORE, JYN ENGINEERING CONSULTANTS DISCLAIMS RESPONSIBILITY FOR DAMAGE OR INJURY TO ANY PERSON CAUSED DIRECTLY OR INDIRECTLY BY ANY WORKS AFFECTING THE SERVICES.

NOTE
 EXISTING UNDERGROUND SERVICES TO BE LOCATED AND PEGGED PRIOR TO COMMENCING EXCAVATIONS.

PRELIMINARY DRAWING
 NOT TO BE USED FOR CONSTRUCTION PURPOSES



P0	PRELIMINARY ISSUE	BC	10/08/22
No	Revision	By	Date

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OF THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. NO DIMENSIONS ARE TO BE SCALED. THIS DRAWING IS COPYRIGHT, AND REMAINS THE PROPERTY OF JYN ENGINEERING CONSULTANTS AND MUST NOT BE COPIED, ALTERED OR USED WITHOUT THE WRITTEN PERMISSION OF JYN ENGINEERING CONSULTANTS.	JYN ENGINEERING CONSULTANTS Structural and Civil Engineers 105/254 Bay Road Sandringham, Victoria, Australia, 3191 Phone: 613 9086 3728 e-mail: jooyee@jynengineering.com.au	Client Knox City Council	Designed by <u> </u> B.C. Drawn by <u> </u> B.C. Checked by <u> </u> J.Y.N. Date <u> </u> 10-08-22	Project CRICKET PRACTICE NET GUY TURNER RESERVE BAYSWATER Title CRICKET NET ENCLOSURE STANDARD NOTES	Scale <u> </u> N/A Job No. <u> </u> 220702 Drawing No. S1 Rev. P0
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