FOOTING SCHEDULE - POOL HOUSE

f'c = 32MPa COVER = 40mm

REF	SIZE (L x W x D)	REIMNFORCEMENT		REMARKS
P.PF1	1800 x 1800 x 750 DEEP	TOP BARS BOTTOM BARS	SL92 SL92	PAD FOOTING
P.PF2	900 x 900 x 750 DEEP	TOP BARS BOTTOM BARS	SL102 SL102	PAD FOOTING
P.PF3	1200 x 1200 x 750 DEEP	TOP BARS BOTTOM BARS	SL102 SL102	PAD FOOTING

FOOTING SCHEDULE - COMMUNITY FACILITIES

f'c = 32MPa COVER = 50mm

REF	SIZE (L x W x D)	REIMNFORCEMENT		REMARKS
PF.1	900 x 900 x 600 DEEP	TOP BARS BOTTOM BARS	- SL92	PAD FOOTING
PF.2	1200 x 1200 x 600 DEEP	TOP BARS BOTTOM BARS	- SL102	PAD FOOTING
PF.3	1200 x 750 x 600 DEEP	TOP BARS BOTTOM BARS	SL92 SL92	PAD FOOTING
PF.8	1500 x 1500 x 600 DEEP	TOP BARS BOTTOM BARS	SL102 SL102	PAD FOOTING
PF.9	1200 x 1200 x 600 DEEP	TOP BARS BOTTOM BARS	SL102 SL102	PAD FOOTING
SF.1	1000 x 650 DEEP	TOP BARS BOTTOM BARS	- -	STRIP FOOTING

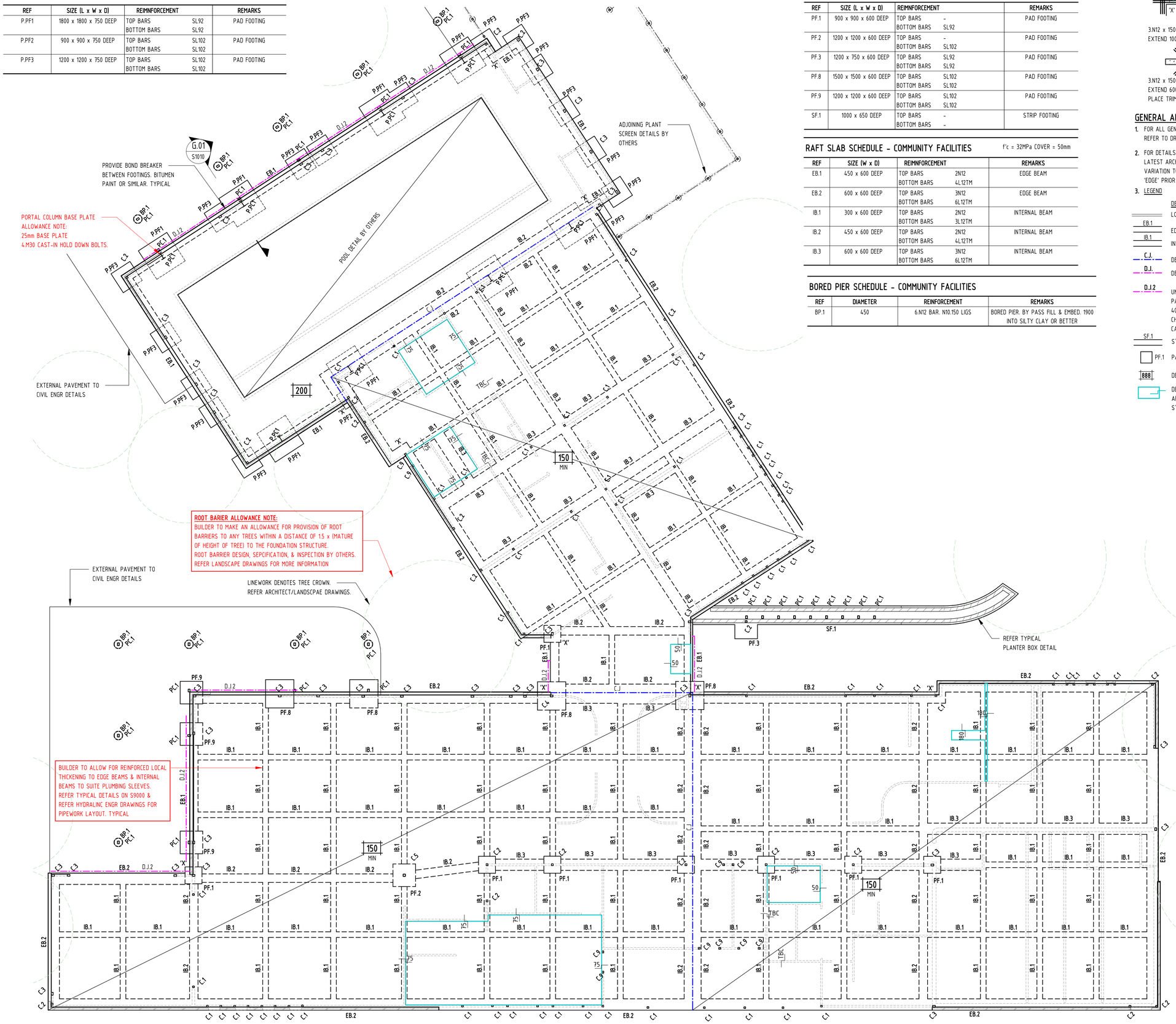
RAFT SLAB SCHEDULE - COMMUNITY FACILITIES

f'c = 32MPa COVER = 50mm

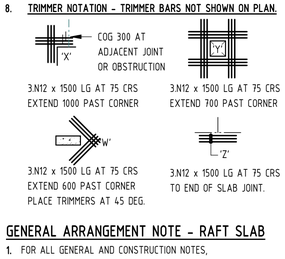
REF	SIZE (W x D)	REIMNFORCEMENT		REMARKS
EB.1	450 x 600 DEEP	TOP BARS BOTTOM BARS	2N12 4L12TM	EDGE BEAM
EB.2	600 x 600 DEEP	TOP BARS BOTTOM BARS	3N12 6L12TM	EDGE BEAM
IB.1	300 x 600 DEEP	TOP BARS BOTTOM BARS	2N12 3L12TM	INTERNAL BEAM
IB.2	450 x 600 DEEP	TOP BARS BOTTOM BARS	2N12 4L12TM	INTERNAL BEAM
IB.3	600 x 600 DEEP	TOP BARS BOTTOM BARS	3N12 6L12TM	INTERNAL BEAM

BORED PIER SCHEDULE - COMMUNITY FACILITIES

REF	DIAMETER	REINFORCEMENT	REMARKS
BP.1	450	6.N12 BAR. N10.150 LIGS	BORED PIER. BY PASS FILL & EMBED. 1900 INTO SILTY CLAY OR BETTER



8. TRIMMER NOTATION - TRIMMER BARS NOT SHOWN ON PLAN.



GENERAL ARRANGEMENT NOTE - RAFT SLAB

1. FOR ALL GENERAL AND CONSTRUCTION NOTES, REFER TO DRAWING No. S0001.
2. FOR DETAILS OF RL'S, DIMENSIONS AND SETOUT ETC. REFER TO LATEST ARCHITECT'S AND PROJECT ENGINEERS DRAWINGS. ANY VARIATION TO THAT SHOWN ON 'EDGE' DRAWINGS TO BE NOTIFIED TO 'EDGE' PRIOR TO THE COMMENCEMENT OF ANY WORKS.
3. LEGEND

	DESCRIPTION
	LOAD WALL OVER
EB.1	EDGE BEAM
IB.1	INTERNAL BEAM
C.J.	DENOTES CONSTRUCTION JOINT IN SLAB
D.J.	DENOTES DOWELLED CONSTRUCTION JOINT
D.J.2	UNLESS NOTED OTHERWISE BY CIVIL ENGINEER, CONNECT PAVEMENT TO EDGE BEAM AT DOORWAYS USING N16.450 x 400Lg DOWEL BARS. DRILL & EPOXY USING RAMSET CHEMSET 502. 150 EMBEDMENT IN 20Φ HOLES. GREASE & CAPPED AT ONE END. CENTRAL TO PAVEMENT.
SF.1	STRIP FOOTING
PF.1	PAD FOOTING
888	DENOTES MINIMUM SLAB DEPTH ON PLAN
	DENOTES SLAB STEP & FOLD TO ACHIEVE ARCHITECTURAL SETDOWN. REFER TYPICAL SLAB STEP & FOLD DETAIL FOR MORE INFORMATION.

FOOTING NOTES

1. FOR ALL GENERAL AND CONSTRUCTION NOTES, REFER TO DRAWING No. S0002
2. FOR DETAILS OF R.L.'s, DIMENSIONS AND SET OUT ETC. REFER TO LATEST ARCHITECTS DETAILS.
   ANY VARIATION TO THAT SHOWN ON ENGINEERS DRAWINGS TO BE NOTIFIED TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF ANY WORKS.
3. ALL FOOTINGS SET OUT CENTRAL TO WALL OR COLUMN CONSTRUCTION OVER UNLESS NOTED OTHERWISE.
4. CONCRETE PROPERTIES - FOOTINGS

150	CONCRETE GRADE (f'c) CONCRETE COVER REINFORCEMENT	32 MPa 40mm 1 LAYER SL92 FABRIC TOP
200	CONCRETE GRADE (f'c) CONCRETE COVER REINFORCEMENT	32 MPa 40mm N16.200 E.W TOP N12.200 E.W BOTTOM

WHERE DEPTH OF ROLLED AND UNCONTROLLED FILL EXCEEDS 600mm FOR SAND AND 300mm CLAY, SLAB MUST BE SUSPENDED. REFER SOIL REPORT & A2870-2011 C6.4.2

5. NOTE - SUB BASE PREPARATION
   APPROVED NATURAL SOIL WITH A MINIMUM CBR OF 3.5% AND BE IMPROVED BY SUB BASE AS PER GEOTECHNICAL ENGINEER REQUIREMENTS. EXCAVATE ALL LOOSE MATERIAL. WHERE AREAS DO NOT ACHIEVE MINIMUM CBR VALUES, REMOVE MATERIAL AND IMPORT AND RECOMPACT CBR10 MATERIAL IN 300mm LAYERS TO ACHEIVE REQUIRED BEARING CAPACITY. PROOF ROLL PRIOR TO CASTING BLINDING LAYER. SLAB ON GROUND TO BE CAST ON 1 LAYER 0.2mm POLYTHENE SHEET ON 50mm MINIMUM SAND BLINDING LAYER ALL ON APPROVED PREPARED SUB BASE.

   NOTE - REINFORCEMENT
   ALL FABRIC LAPPED 2 CROSS WIRES + 50mm TYPICAL. PROVIDE 1.N12 TRIMMER TIED TO UNDERSIDE OF FABRIC TO ALL EDGES AND SIDES OF SLABS INCLUDING EACH SIDE OF ALL JOINTS. TRIMMERS LAPPED 450mm MINIMUM AND COGGED 300mm AT CORNERS AND ENDS.
6. CURING PROPERTIES
   CURING OF ALL CONCRETE SHALL BE ACHIEVED BY KEEPING SURFACES CONTINUOUSLY WET FOR A PERIOD OF 3 DAYS, AND PREVENTION OF LOSS OF MOISTURE FOR A TOTAL OF 7 DAYS FOLLOWED BY A GRADUAL DRYING OUT. APPROVED SPRAYED ON CURING COMPOUNDS MAY BE USED WHERE NO FLOOR FINISHES ARE PROPOSED. ONLY WAX BASED AND CHLORINATED RUBBER CURING COMPOUNDS WILL BE ACCEPTED. SHEETING OR WET HESSIAN MAY BE USED IF PROTECTED FROM WIND AND TRAFFIC.
7. BEARING CAPACITY
   ALL PAD FOOTINGS, STRIP FOOTINGS, EDGE BEAMS, AND INTERNAL BEAMS TO BYPASS ANY FILL MATERIAL & TO BE FOUNDED 100mm MIN. INTO NATURAL SILTY SAND OR STIFF TO VERY STIFF SILTY CLAY OR BETTER. PROVIDE BLINDING CONCRETE AS REQUIRED TO FOUND INTO SUITABLE MATERIAL.

PAD FOOTINGS	120 kPa
STRIP FOOTINGS	100 kPa
EDGE & INTERNAL BEAMS	100 kPa

A SUITABILITY QUALIFIED GEOTECHNICAL ENGINEER SHALL BE ENGAGED BY THE BUILDER TO CONFIRM FOUNDING MATERIAL AND BEARING CAPACITIES. THE COST OF THE GEOTECHNICAL ENGINEER CERTIFICATION IS TO BE BOURNE BY THE BUILDER.

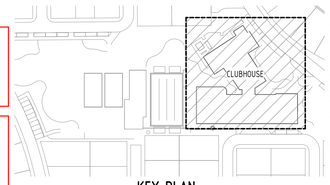
THICKER SLAB ALLOWANCE FOR PANELS WITH SETDOWNS UPTO 75mm
BUILDER TO MAKE AN ALLOWANCE FOR 225mm MINIMUM THICK SLAB ACROSS FULL WIDTH & LENGTH OF ANY PANELS REQUIRING SETDOWN. TYPICAL.

STEELWORK COATING ALLOWANCE NOTE:
BUILDER TO MAKE AN ALLOWANCE FOR HOT DIPPED GALVANISATION OF ALL EXPOSED STEELWORK OR FOR PROVISION OF PROTECTIVE COATING TO A NOMINNAL EXPOSURE CLASS OF "C2" GENERALLY & CLASS "C5" WITHIN POOL SPLASH / WET ZONES. EXPOSURE CLASS & COATING SPECIFICATION, CERTIFICATION, & INSPECTION ARE BY SPECIALIST CONTRACTOR.

TIMBER TREATMENT ALLOWANCE NOTE:
BUILDER TO MAKE AN ALLOWANCE FOR TREATMENT OF ALL EXTERNAL EXPOSED ABOVE GROUND TIMBER TO "TREATMENT CLASS H3" OR ALTERNATIVELY PROVIDE TIMBER WITH "DURABILITY CLASS 1" WITH "SAPWOOD REMOVED OR SAPWOOD TREATED TO H3". ANY TIMBER WITHIN THE POOL SPLASH / WET ZONES SHALL BE MINIMALLY TREATED TO TREATMENT CLASS "H5". TREATMENT CLASS TO BE CONFIRMED BY SPECIALIST CONTRACTOR.

BUILDER TO ADVISE OWNER ON THE SERVICE LIFE OF ALL COATINGS / TREAMENTS APPLIED & ANY MAINTAINENACE / FUTURE RE-APPLICATION REQUIREMENTS.

CINEMA TIERED SEATING ALLOWANCE NOTE:
TIERED SEATING:
21mm PLY FLOOR STRUCTURAL FLOORING ON 290x45 F7 AT F7 KD PINE @ 450 CTS ON LOAD BEARING STUD WALL WITH 3 TOP PLATES. DIAGONAL STRAP BRACE TO EACH WALL (ALONG WALLS) DIAGONAL STRAP BRACES ACROSS WALLS AT 1500 CTRS.
FRONT ROW BALUSTRADE:
89x6 SHS BALUSTERS @1500 CTRS
90x8 EA TOP RAIL.



KEY PLAN
SCALE - N.T.S

Rev	Date	Description	By	Chk
T01	12.06.24	TENDER ISSUE	S.Y	K.C
P02	10.05.24	PRELIMINARY ISSUE	AC	AA
P01	09.04.24	PRELIMINARY ISSUE	AC	AA

EDGE CONSULTING ENGINEERS
www.edgece.com
Melbourne, Australia
Level 6, 70 Racecourse Road,
North Melbourne,
Victoria, 3051
Australia
T: +61 3 9326 9068
E: melbourne@edgece.com

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DO NOT SCALE DRAWINGS. IF IN DOUBT, ASK!

Project Name
PROPOSED DEVELOPMENT
HALYCON HIGHLANDS
640 CRAIGIEBURN RD,
MICKLEHAM, VIC.

Client
STOCKLAND

Designed	Drawn	Checked	Scale @ A1
A.R	S.Y	K.C	1 : 100

Drawing Title
CLUBHOUSE
GROUND FLOOR
SLAB & FOOTING PLAN

Project No.
AU240202

TENDER
NOT FOR CONSTRUCTION

Drawing No.
S1000

Revision
T01

PLOT DATE 10/06/2024 11:06:14 AM FILE NAME C:\Users\yousuf.ficus\AU240000\AU240202 Halycon Highlands Clubhouse\EDGE\P\AU240202 Halycon Highlands Clubhouse_R24.rvt