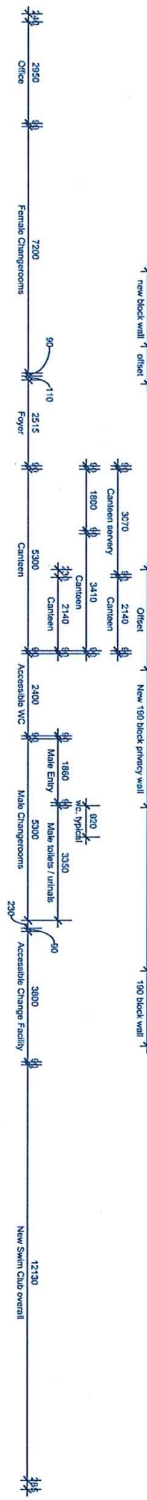


Figure 10 is a sectional elevation of the proposed swimming club. The diagram shows a cross-section of a building with various rooms and structural elements. Key features include:

- Building overall:** 10200
- Proposed swim club overall:** 10372
- Total height:** 16372
- Rooms and areas:**
 - Office & First Aid (2960)
 - Female Changing Rooms (7200)
 - Reception (1600)
 - Store Room (2750)
 - Male Changing Rooms (7200)
 - Existing Swim Club (12110)
- Structural elements:**
 - New Entry Columns (2870)
 - New Entry Roof Overall (2870)
 - New Entry Slabs (6115)
- Other features:**
 - New concrete bogspan (6000)
 - New concrete parking (5990)

Figure 10: Sectional view of a concrete ramp to a Council requirements. The diagram shows a cross-section of a ramp system. At the top, a 'Concrete at gym floor' layer is shown. Below it is a 'New concrete kerb ramp to Council requirements' section, which includes a 'New steel railings to walkway' on the left and a 'New Entry Road over' on the right. The ramp itself is labeled 'New concrete kerb ramp to Council requirements'. The ramp has a width of 1500 units and a height of 1850 units. The ramp is supported by 'Existing concrete kerb gutter' at the bottom. The ramp is shown in a cross-section view, with the ramp surface sloping downwards from left to right.



1
Propose
SCALE 1 : 100

Design Features to Proposed Amenities Upgrades

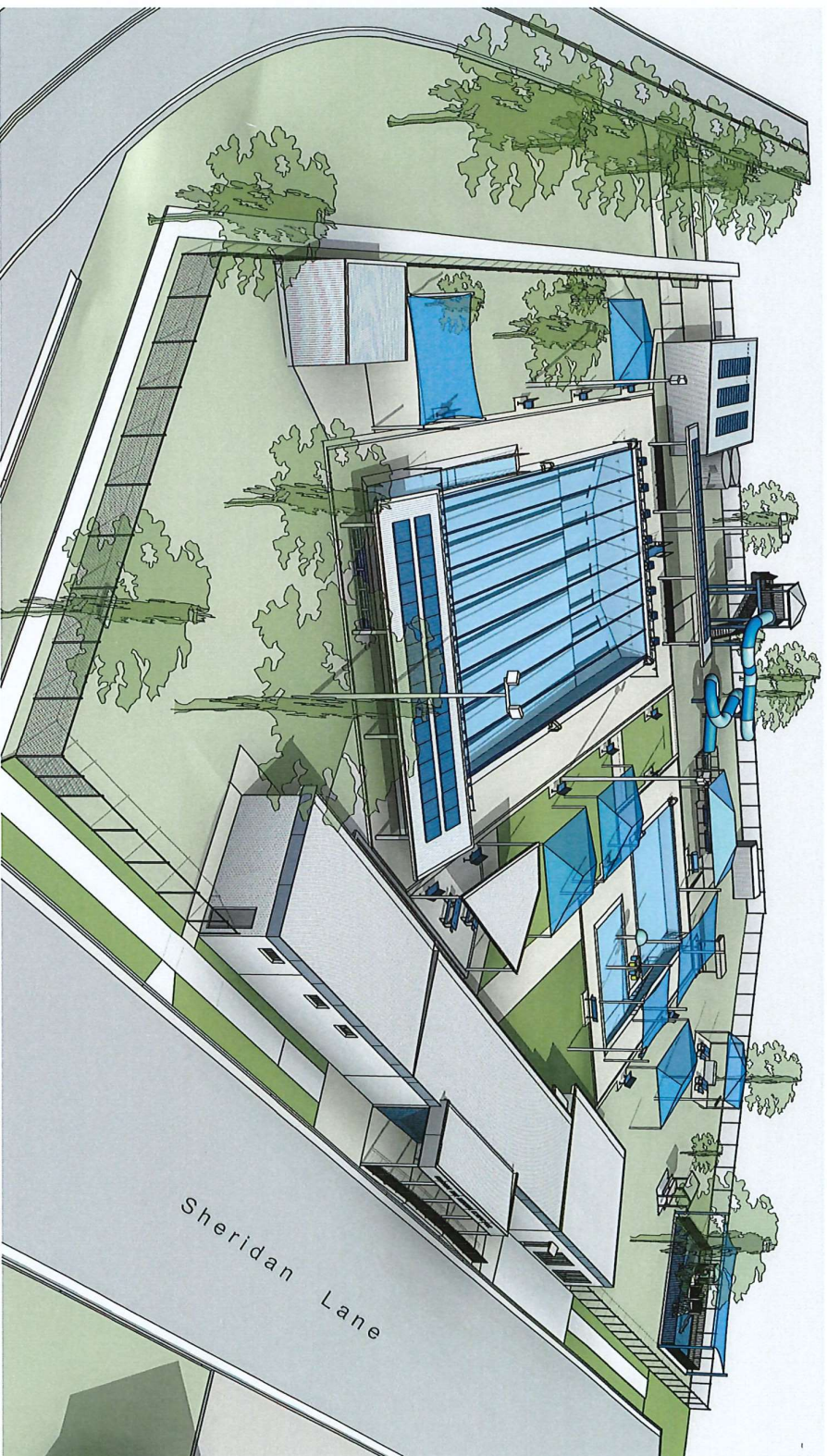
• Fully renovate existing amenities buildings (except existing Gym)	• New external clock, with air & water temperature
• New modern facilities, with private change areas and hot water	• New concrete paving throughout
• New outdoor swimming pool, with 25m x 10m x 1.5m deep	• New 25m x 10m x 1.5m deep swimming pool
• Reception, Canteen and Kitchen area	• New bike racks
• Functional office area	• New PA System
• Fitness room	• New 25m x 10m x 1.5m deep swimming pool
• Store room	• New automatic sliding entry doors
• New wall linings, flooring, ceilings, doors and windows	• New automatic sliding entry doors
	• Upgraded facade and external appearance
	• New fully accessible entry ramps and paving
	• 2 x Fully Accessible change/locker facilities which includes: Room coverage lock, accessible wc, changing rails, adjustable lockers, shower, accessible shower, automatic door control, soap dispenser, clothes hooks. Fully accessible compliant as to AS 1428.1-2009

SK-07B

PROPOSED MASTERPLAN

GUNDAGAI WAR MEMORIAL OLYMPIC POOL COMPLEX

Nangus Road & Sheridan Lane, Gundagai NSW 2722



Proposed Aerial View



HALLDAY design.
Ph: 0403 758 970 Email: info@halldaydesign.com.au
Registration No. DP-AD 62629

Plans prepared by Hallday Design, copyright 2021. This drawing is a preliminary design and is not to be used for construction purposes. All dimensions and details are subject to change without notice. Do not scale off drawings.

Project Title: Gundagai War Memorial Olympic Pool - Masterplan
Client: Cootlamundra - Gundagai Regional Council
Project Address: Nangus Rd & Sheridan Ln, Gundagai NSW 2722

Drawing Issue

Scale: April 2021
Date: Issue B - Revised Amenities Layout - 05.07.2022
Drawn by: TH
Page Size: A3
Issue A - Masterplan Concept - 22.06.2021



SK-01B

Existing Site Plan

SCALE 1:500



HALIDAY design.
 Pty. 0403 758 910 Email: info@halidaydesign.com.au
 Registration No. DP-AD 62629

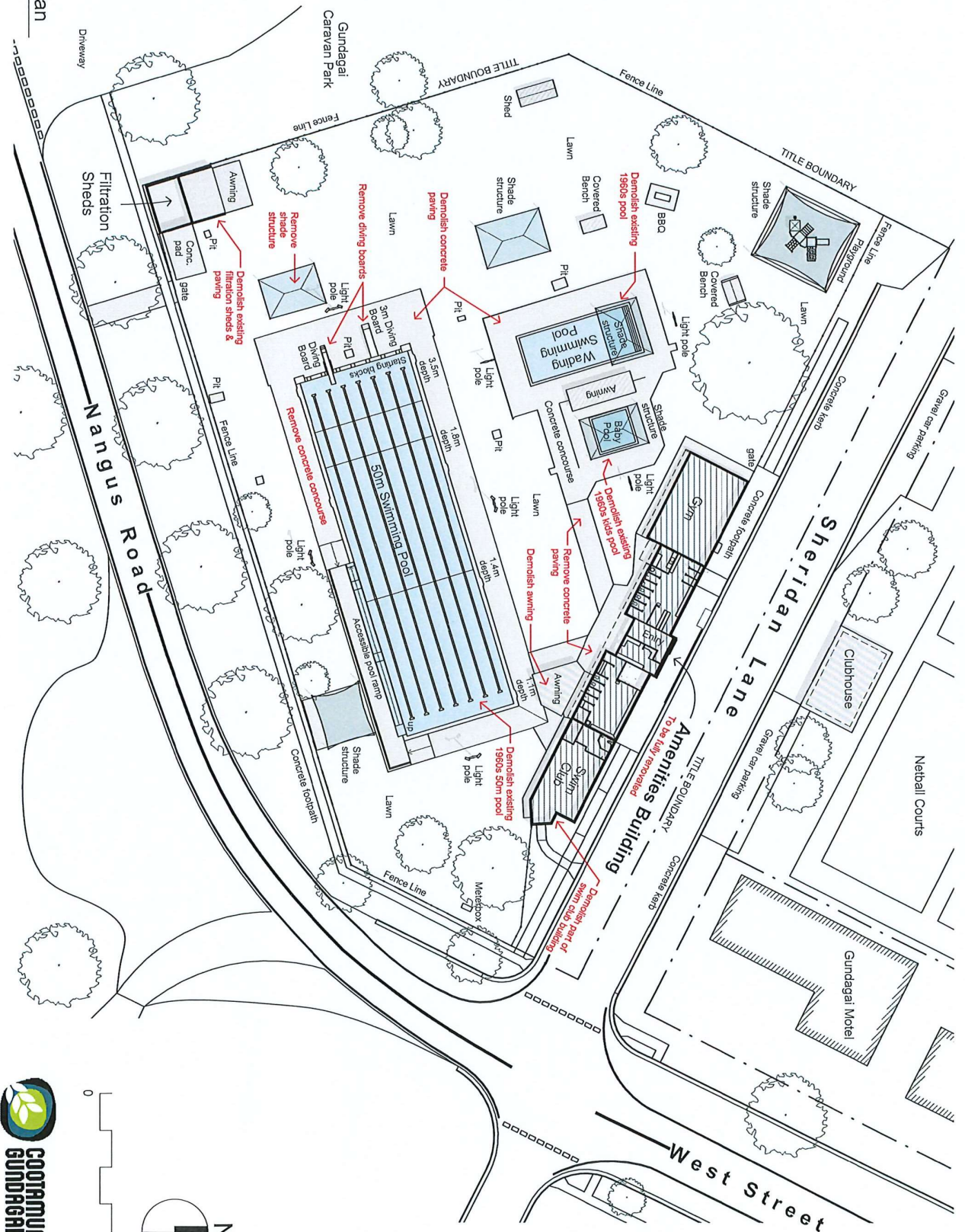
Plans prepared by Haliday Design copyright 2021. This drawing is a preliminary design and should not be used for construction without the approval of the relevant authorities. All dimensions are in metres unless otherwise stated. Before commencing work, the client must obtain all necessary approvals from the relevant authorities.

Project Title: Gundagai War Memorial Olympic Pool - Masterplan
Client: Coolamundra - Gundagai Regional Council
Project Address: Nangus Rd & Sheridan Ln, Gundagai NSW 2722

Drawing Issue

Issue B - Revised Amenities Layout - 05.07.2022
 Issue A - Masterplan Concept - 22.06.2021

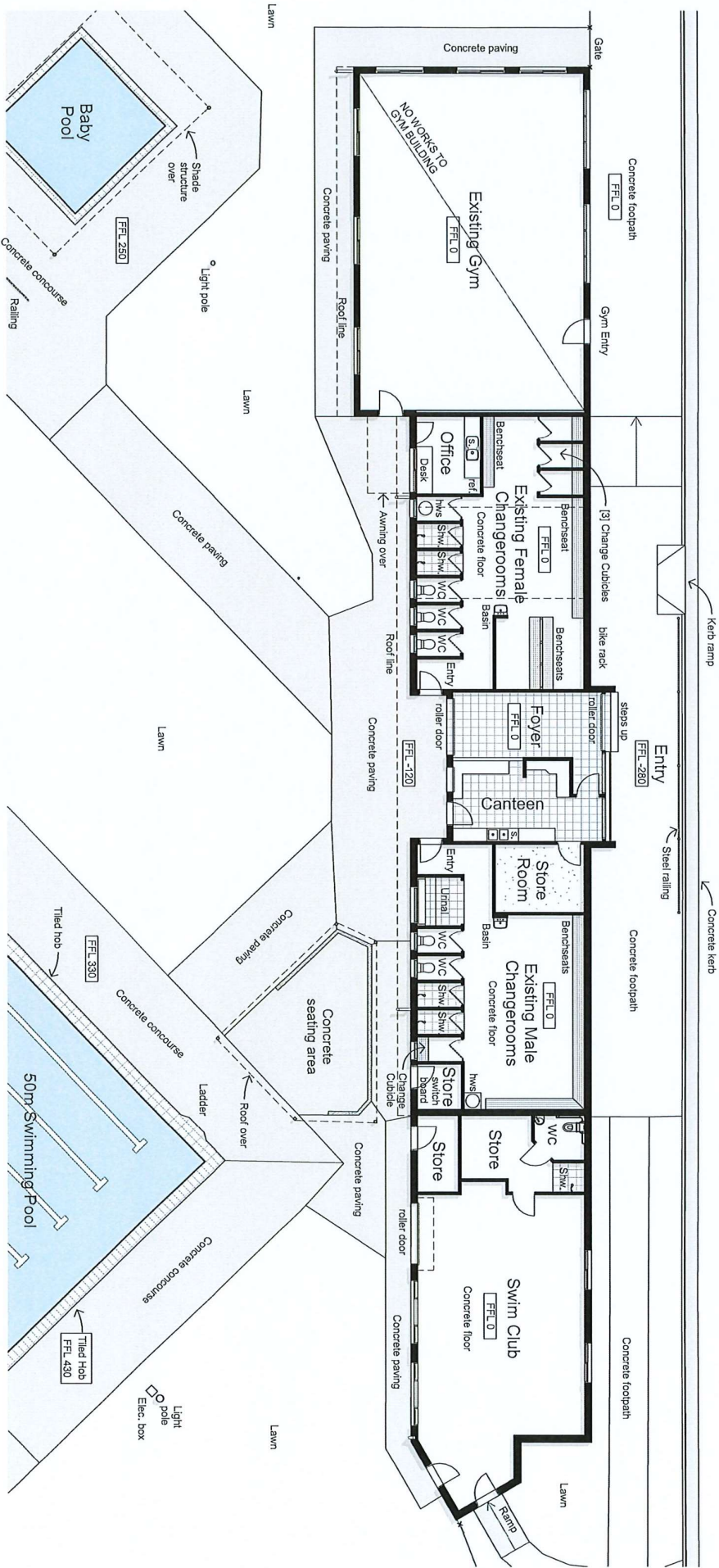
Scale: 1:500
 Date: April 2021
 Drawn by: TH
 Page Size: A3



SK-02B



Sheridan Lane



Existing Amenities Floor Plan

SCALE 1 : 150

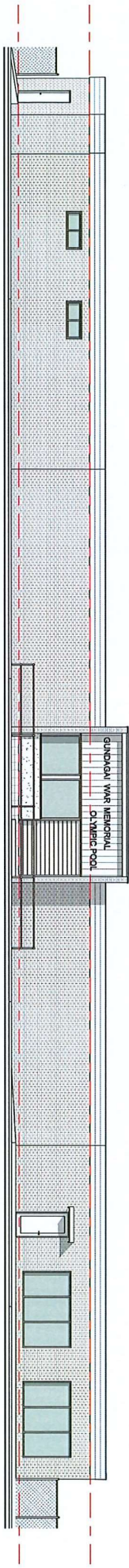


Plans prepared by Hallday Design, copyright 2021. This drawing is strictly copyright and shall not be used or reproduced in any form without the written consent of Hallday Design before commencing work. Do not scale off drawings.

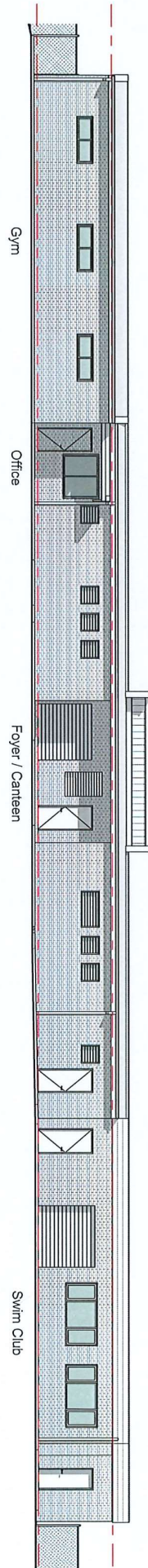
Project Title: Gundagai War Memorial Olympic Pool - Masterplan
Client: Cootamundra - Gundagai Regional Council
Project Address: Mangus Rd & Sheridan Ln, Gundagai NSW 2722

Drawing Issue
Scale: 1 : 150
Date: April 2021
Issue B - Revised Amenities Layout - 05.07.2022
Issue A - Masterplan Concept - 22.06.2021
Drawn by: TH
Page Size: A3

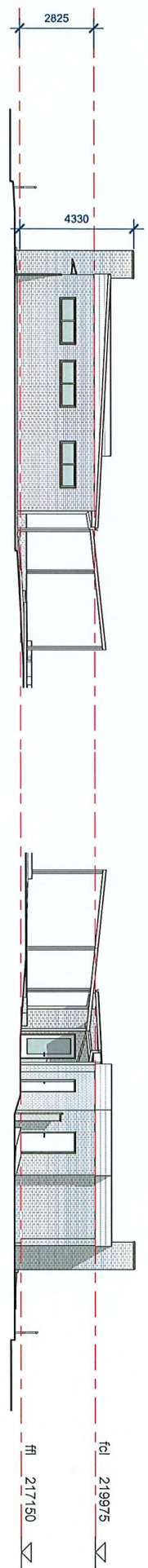
SK-03B



1 Existing North Elevation
SCALE 1 : 150



2 Existing South Elevation
SCALE 1 : 150



3 Existing West Elevation
SCALE 1 : 150

4 Existing East Elevation
SCALE 1 : 150



HALIDAY design.
Ph: 0403 758 910 Email: info@halidaydesign.com.au
Registration No. DP-AD 62629

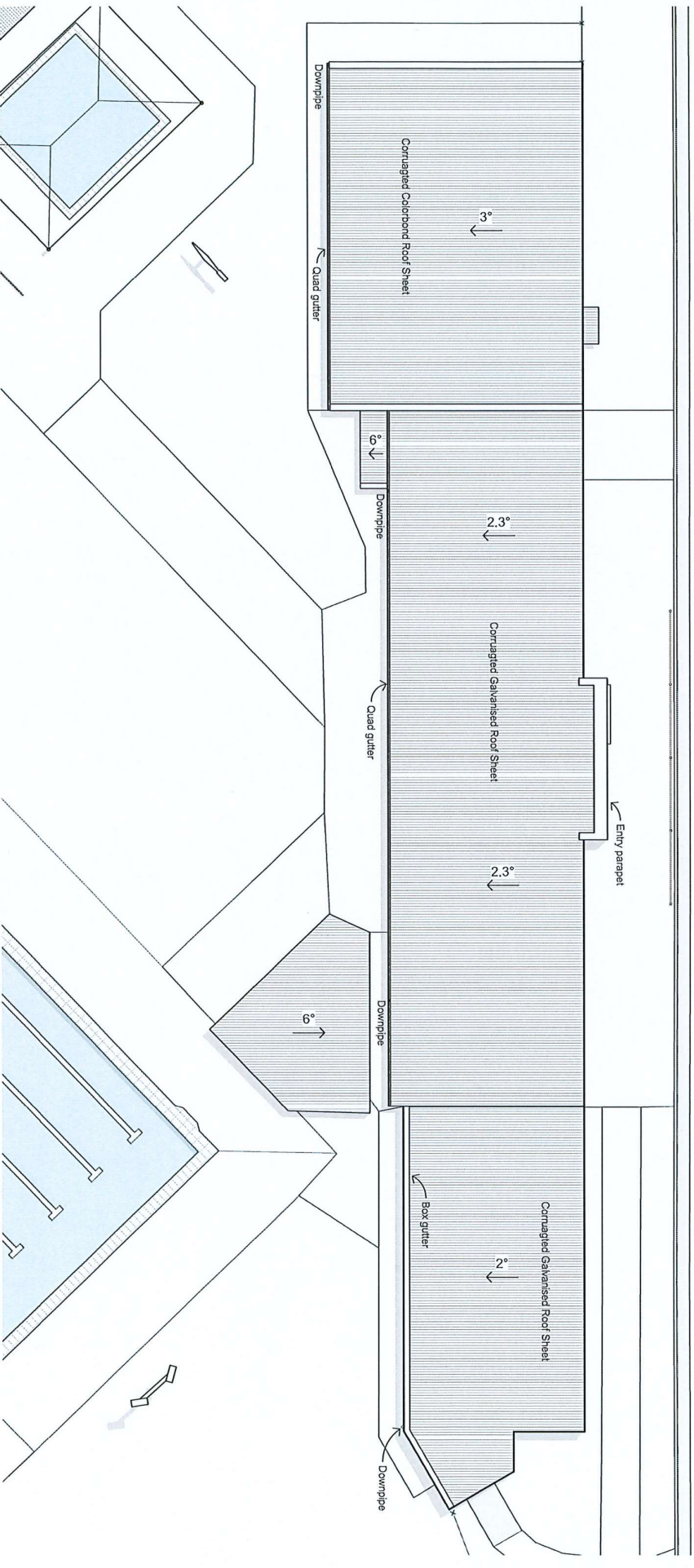
Plans prepared by Haliday Design copyright 2021. This drawing is strictly copyright and shall not be used or reproduced in any form without the written permission of Haliday Design before commencing work. Do not scale off drawings.

Project Title: Gundagai War Memorial Olympic Pool - Masterplan
Client: Cootamundra - Gundagai Regional Council
Project Address: Nangus Rd & Sheridan Ln, Gundagai NSW 2722

Drawing Issue
Scale: 1 : 150
Date: April 2021
Issue B - Revised Amenities Layout - 05.07.2022
Issue A - Masterplan Concept - 22.06.2021
Drawn by: TH
Page Size: A3

SK-04B

Sheridan Lane



1 Existing Amenities Roof Plan
SCALE 1 : 150



HALLDAY design.
Ph: 0403 758 970 Email: info@halldaydesign.com.au
Registration No. DP-AD 62629

Plans prepared by Hallday Design, copyright 2021. This drawing is strictly copyright and shall not be used or reproduced in any form without the written consent of Hallday Design. All rights reserved. Do not scale off drawings.

Project Title: Gundagai War Memorial Olympic Pool - Masterplan
Client: Cootamundra - Gundagai Regional Council
Project Address: Mangus Rd & Sheridan Ln, Gundagai NSW 2722

Drawing Issue

Scale: 1 : 150
Issue B - Revised Amenities Layout - 05.07.2022
Issue A - Masterplan Concept - 22.06.2021
Date: April 2021
Drawn by: TH
Page Size: A3



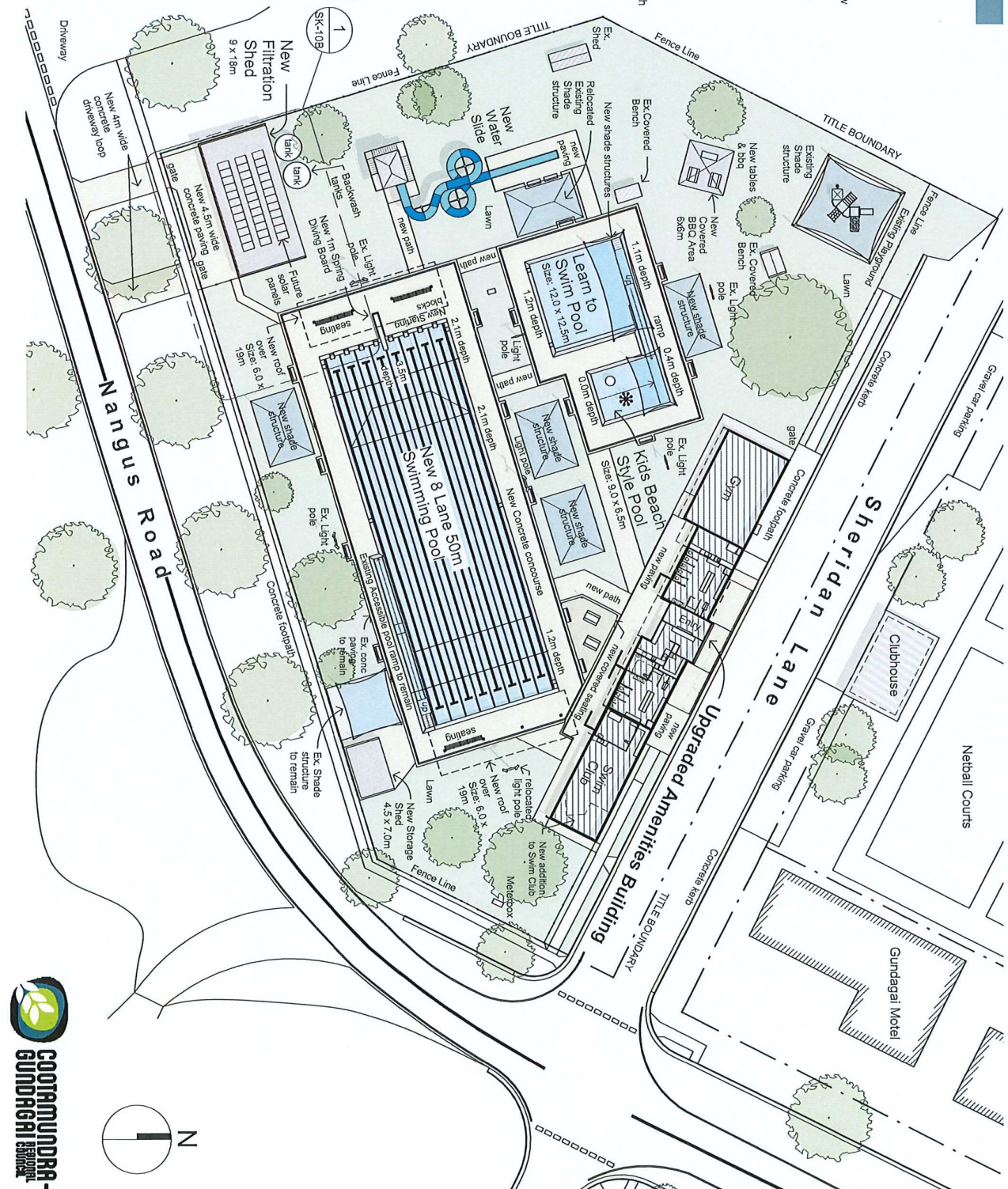
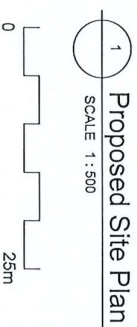
SK-05B

Proposed Upgrade Works to Swimming Facilities

- Demolish existing pools, equipment, pipework and filtration
- Upgraded 50m Pool
- Beech style kids pool with water features
- New lean to swim pool with accessible ramp
- New accessible ramp and entry stairs to 50m Pool
- New covered seating to both ends of 50m pool
- Upgrades to pumps, pipe works, filtration system and new pump/filtration shed
- New 1m Springboard Diving Beard
- Shade sail over half the kids pool and lean to swim pool
- Additional shade sails on side of the main pool
- New portable seating/tables around pool
- New starting blocks
- New modern type pool access ladders
- New lane ropes and attachments
- New PA System
- Existing trees to remain
- New enclosure and wet deck
- Pool to be expanded to 8 lanes (2m wide). Depth to increase 3.5m. 50m pool length to be retained
- Sitting ledge in lean to swim pool
- Landscaping
- New concrete paving and path ways, fully compliant with Australian Standard 1428.1-2009.
- New general storage shed
- New water slide
- New covered seating area

Upgrade existing amenities building to include:-

- New modern facilities, with private change area and hot water
- New Entry Roof and Entrance Signage
- New step free access from Sheridan Lane
- New Reception and Canteen area
- New First Aid Room
- New addition to Swim Club
- Upgraded Male & Female changerooms, with new showers, toilets & change cubicles
- New accessible facility with toilet, shower and change table
- Step free access throughout
- Existing Gym to remain
- Upgraded ladder and external appearance
- New ventilation windows to changerooms and accessible facility
- New external leave gutter to existing Swim Club roof
- Fully compliant with Australian Standard 1428-1-2009 Disabled Access.



HALIDAY design.
 Ph: 0403 758 910 Email: info@halidaydesign.com.au
 Registration No. DP-AD 62629

Plans prepared by Halliday Design, copyright 2021. This drawing is strictly copyright and shall not be used or copied in whole or in part. Verify all dimensions on site before commencing work. Do not scale off drawings.

Project Title: Gundagai War Memorial Olympic Pool - Masterplan
Client: Cootamundra - Gundagai Regional Council
Project Address: Nangus Rd & Sheridan Ln, Gundagai NSW 2722

Drawing Issue

Scale: As indicated

Date: April 2021

Drawn by: TH

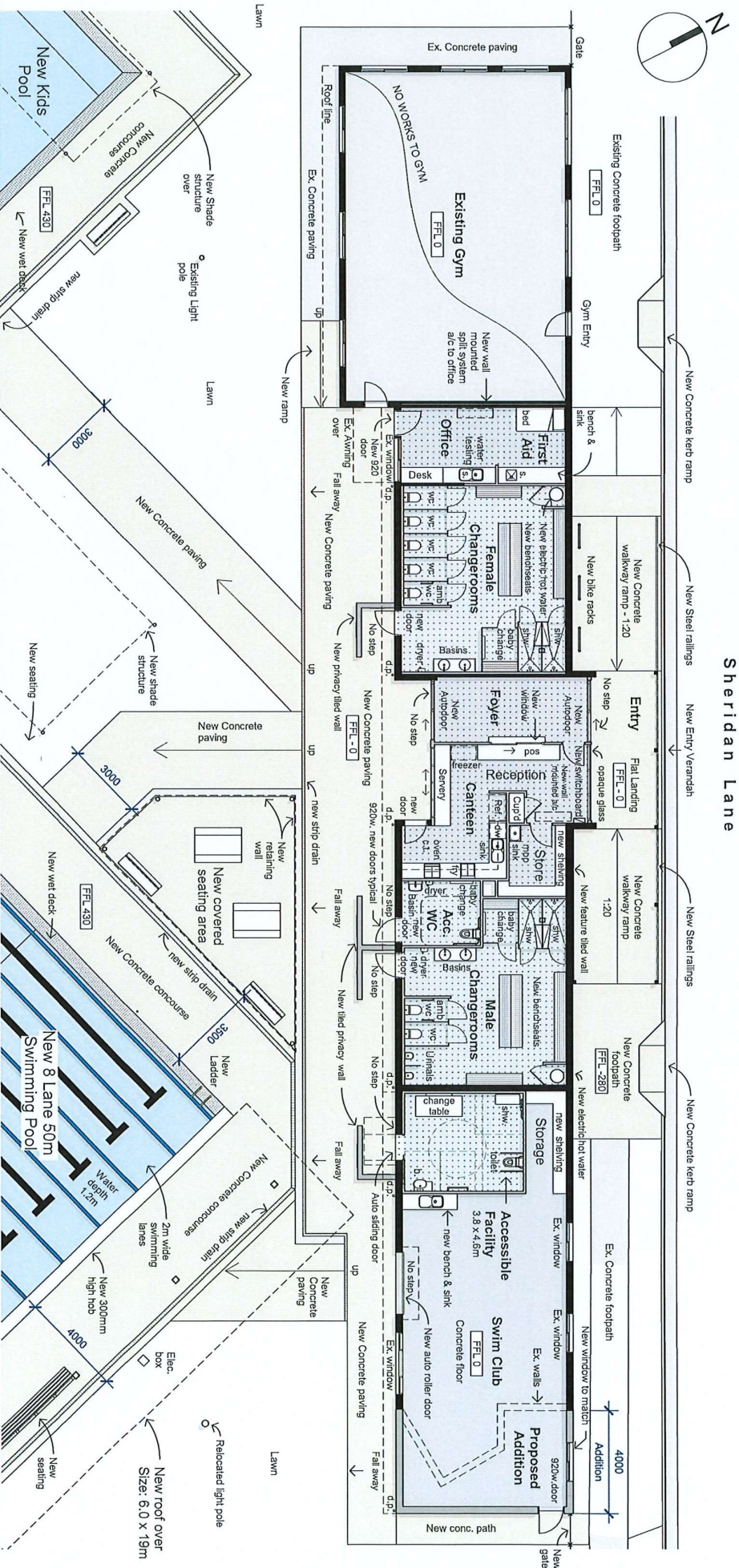
Issue B - Revised Amenities Layout - 05.07.2022

Issue A - Masterplan Concept - 22.06.2021

Page Size: A3

SK-06B





Proposed Amenities Floor Plan

SCALE 1:150

Area Schedule (Gross Building)	
Room Name	Area
Existing Gym	119 m ²
Office & First Aid Room	21 m ²
Female Change rooms	51 m ²
Foyer, Canteen, Reception & Store Room	49 m ²
Male Change rooms	53 m ²
Accessible Facility	20 m ²
Swim Club	71 m ²
Swim Club Addition	22 m ²
TOTAL BUILDING AREA (Inc. Gym)	406 m²

Design Features to Proposed Amenities Upgrades

- Fully renovate existing amenities buildings (except existing Gym)
- New modern facilities, with private change area and hot water
- Dedicated Swimming Club area
- Reception, Canteen and Kitchen area
- Functional office area
- First Aid Room
- New wall linings, flooring, ceilings, doors and windows
- New external clock, with air & water temperature
- New concrete paving throughout
- New concrete seating
- New bike racks
- New PA System
- New surface drainage
- New automatic sliding entry doors
- Upgraded facade and external appearance
- New fully accessible entry ramps and paving
- 2 x Fully Accessible change/loilet facilities which includes: Room coverage hoist, accessible wc, changing rails, adjustable change table and sling hook, hand wash basin & shelf, hand dryer, privacy screen, accessible shower, automatic door control, soap dispenser, clothes hooks.
- Fully accessible compliant as to AS1428.1-2009

Legend

Existing walls Proposed walls

0 7.5m





SCALE 1:100

4000	New access driveway
------	---------------------



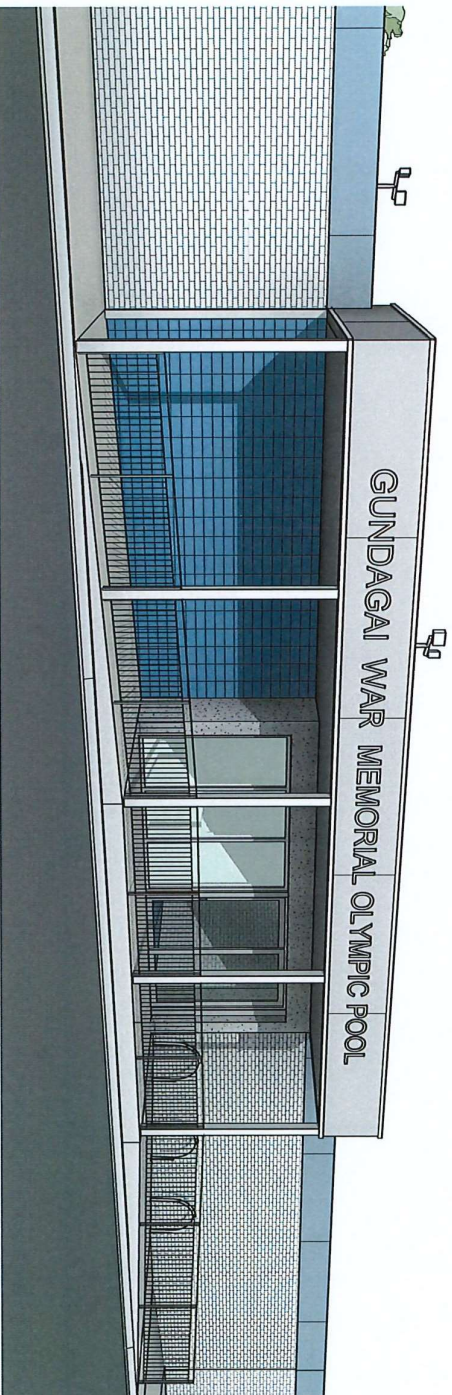
**GOITAMUNDRA-
GUNDAGAI**
REGIONAL
COUNCIL



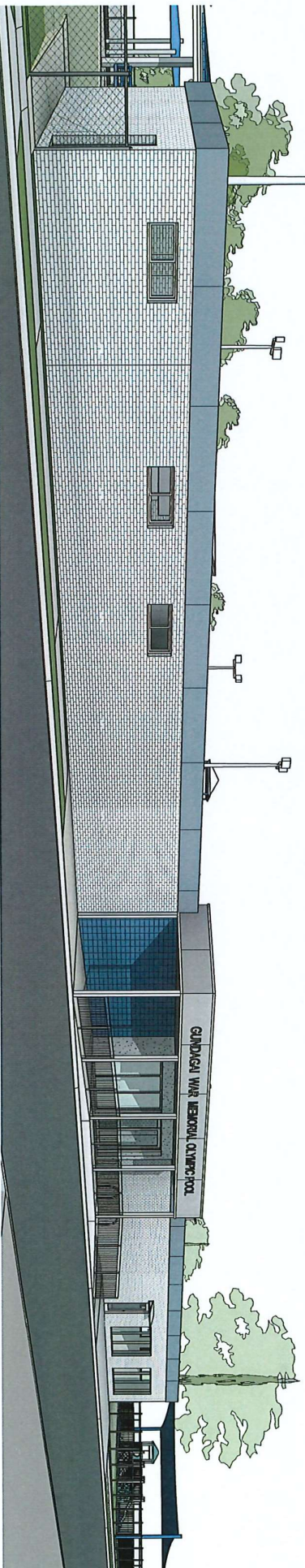
Plans prepared by Halliday Design, copyright 2021. This drawing is strictly copyright and shall not be used or copied in whole or in part. Verify all dimensions on site before commencing work. Do not scale off drawings.

Scale:	1 : 100
Date:	April 2021
Drawn by:	TH
Page Size:	A3

SK-10B



Proposed Front Facade



Proposed Front Facade

PROPOSED ALTERATION & ADDITION GUNDAGAI WAR MEMORIAL POOL COMPLEX NANGUS ROAD & SHERIDAN LANE GUNDAGAI, N.S.W 2722

PROJECT NUMBER	SHEET NUMBER	SHEET TITLE	ISSUE	ISSUE DATE
2022058	S00	STRUCTURAL DESIGN COVER	A	05/04/2022
2022058	S01	CONSTRUCTION NOTES SHEET 1	A	05/04/2022
2022058	S02	CONSTRUCTION NOTES SHEET 2	A	05/04/2022
2022058	S03	CONSTRUCTION NOTES SHEET 3	A	05/04/2022
2022058	S04	CONSTRUCTION NOTES SHEET 4	A	05/04/2022
2022058	S05	SAFE WORK METHOD STATEMENT	A	05/04/2022
2022058	S10	RAFT SLAB & FOOTING PLAN	A	05/04/2022
2022058	S11	EXTERNAL SLAB PLAN	A	05/04/2022
2022058	S12	CONCRETE SLAB & FOOTING DETAILS SHT.1	A	05/04/2022
2022058	S13	CONCRETE SLAB & FOOTING DETAILS SHT.2	A	05/04/2022
2022058	S20	ROOF BEAM MARKING PLAN	A	05/04/2022

IF IN DOUBT, CONTACT ENGINEER.

  		BUILDING DESIGNER & CONSULTING STRUCTURAL ENGINEER RESIDENTIAL, INDUSTRIAL, COMMERCIAL CONTACT: GRAND DESIGN PROJECT NO: 2022058 DATE: 05/04/2022 DRAWN BY: G.W. CHECKED BY: G.W.	
  		PROJECT TITLE: PROPOSED ALTERATION & ADDITION NANGUS ROAD & SHERIDAN LANE GUNDAGAI, N.S.W 2722 CLIENT: COOTAMUNDRA - GUNDAGAI REGIONAL COUNCIL	
SHEET TITLE: STRUCTURAL DESIGN COVER ISSUE: A		PROJECT NO: 2022058 DATE: APRIL 2022 SCALE: G.W. ISSUE: A	
AMENDMENT: FOR CONSTRUCTION DATE: 05/04/2022		DATE: 05/04/2022	

GENERAL NOTES

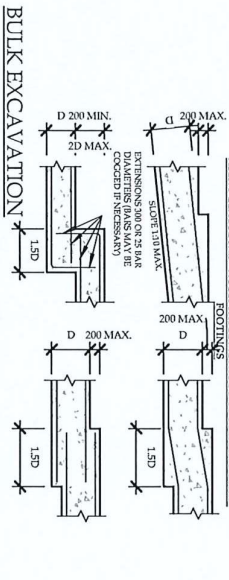
- THE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANT DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE PROJECT. ALL DIMENSIONS SHALL BE REFERRED TO THE DIMENSION LINE UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS RELAYING TO SETTING OUT AND ON-SITE WORK SHALL BE REFERRED BY THE CONTRACTOR BEFORE COMMENCEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL COUNCIL AND ANY OTHER AGENCIES INVOLVED IN THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL COUNCIL AND ANY OTHER AGENCIES INVOLVED IN THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL COUNCIL AND ANY OTHER AGENCIES INVOLVED IN THE PROJECT.
- ALL DIMENSIONS SHALL BE REFERRED TO THE DIMENSION LINE UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS RELAYING TO SETTING OUT AND ON-SITE WORK SHALL BE REFERRED BY THE CONTRACTOR BEFORE COMMENCEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL COUNCIL AND ANY OTHER AGENCIES INVOLVED IN THE PROJECT.

FOUNDATIONS - GENERAL

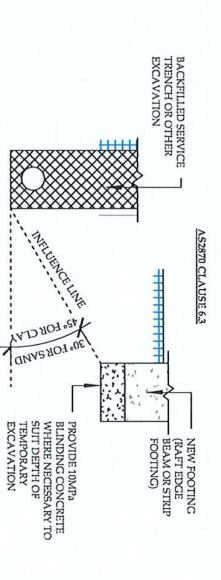
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL COUNCIL AND ANY OTHER AGENCIES INVOLVED IN THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL COUNCIL AND ANY OTHER AGENCIES INVOLVED IN THE PROJECT.
- ALL DIMENSIONS SHALL BE REFERRED TO THE DIMENSION LINE UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS RELAYING TO SETTING OUT AND ON-SITE WORK SHALL BE REFERRED BY THE CONTRACTOR BEFORE COMMENCEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL COUNCIL AND ANY OTHER AGENCIES INVOLVED IN THE PROJECT.

FOUNDATIONS - RESIDENTIAL AS2870-2011 CLAUSE 6.4

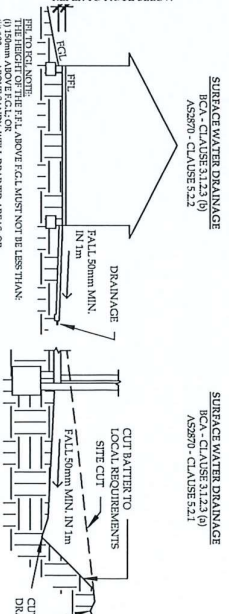
- 6.4.1 THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.1. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.1. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.1.
- 6.4.2 THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.2. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.2. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.2.



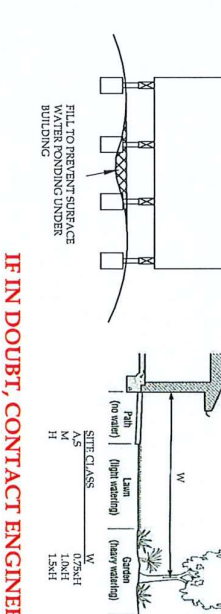
- 6.4.3 THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.3. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.3. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.3.
- 6.4.4 THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.4. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.4. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.4.



- 6.4.5 THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.5. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.5. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.5.
- 6.4.6 THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.6. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.6. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.6.



- 6.4.7 THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.7. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.7. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.7.
- 6.4.8 THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.8. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.8. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AS2870-2011 CLAUSE 6.4.8.



IF IN DOUBT, CONTACT ENGINEER.

Design2 Consulting

ENGINEERS ARCHITECTS PLANNERS

RESIDENTIAL COMMERCIAL INDUSTRIAL

CONTACT: 08 9338 5400

PRINCIPAL: [Name]

PROJECT NO: 2022058

DATE: APRIL 2022

SCALE: As indicated

DRAWN BY: G.W.

CHECKED BY: G.W.

PROJECT TITLE: PROPOSED ALTERATION & ADDITION

CLIENT: COOTAUNDRRA - GUNDAGAI

SHEET NUMBER: S01

ISSUE: A

PROJECT NO: 2022058

DATE: APRIL 2022

SCALE: As indicated

DRAWN BY: G.W.

CHECKED BY: G.W.

STRUCTURAL TIMBER

11. ALL TIMBER DESIGN, CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH ASI729 & ASI644. ALL TIMBER FRAMING SHALL BE CONSTRUCTED IN GENERAL ACCORDANCE WITH ASI644 OR THE TIMBER FRAMING MANUAL, BY TIMBER PROMOTION COUNCIL.

12. STRUCTURAL TIMBER, AS SHOWN ON THE ENGINEER'S DRAWINGS SHALL HAVE A MINIMUM STRESS GRADE AS SHOWN BELOW UNDO.


GRADE

[illegible]

	THICKNESS OF MID-PIECE LAYERS (mm)	PIECE LENGTH FOR SQUARE WEAVING
M10	45	20
M12	55	25
M14	65	30
M16	75	35
M18	85	40
M20	95	45
M22	105	50
M24	115	55
M26	125	60
M28	135	65
M30	145	70
M32	155	75
M34	165	80
M36	175	85
M38	185	90
M40	195	95
M42	205	100
M44	215	105
M46	225	110
M48	235	115
M50	245	120
M52	255	125
M54	265	130
M56	275	135
M58	285	140
M60	295	145
M62	305	150
M64	315	155
M66	325	160
M68	335	165
M70	345	170
M72	355	175
M74	365	180
M76	375	185
M78	385	190
M80	395	195
M82	405	200
M84	415	205
M86	425	210
M88	435	215
M90	445	220
M92	455	225
M94	465	230
M96	475	235
M98	485	240
M100	495	245

[illegible][illegible][illegible][illegible][illegible]

 AAMS Architectural And Mechanical Services Inc. 1000 West 10th Avenue Suite 100 Denver, CO 80202 Phone: 303.733.1111 Fax: 303.733.1112 Email: info@aamsinc.com Website: www.aamsinc.com	 COLORADO-GROUNDWATER CONSULTING INC. 1000 West 10th Avenue Suite 100 Denver, CO 80202 Phone: 303.733.1111 Fax: 303.733.1112 Email: info@cgwater.com Website: www.cgwater.com	PROJECT: PROPOSED ALTERATION & ADDITION NANCY'S ROAD & SHERIDAN LANE	SHEET TITLE: CONSTRU SHEET 3
---	---	---	------------------------------------

	CLIENT: GUNDAGAI, N.S.W 2722 COOTAMUNDRA - GUNDAGAI REGIONAL COUNCIL	SHEET NINAB S03
---	---	--------------------

			2	
--	--	--	---	--

10

PROJECT DESIGN REQUIREMENTS

D1. DISCREPANCY CONSULTING WILL NEED TO VERIFY AT TIME OF CONSTRUCTION VIA SITE INSPECTIONS THE VALIDITY OF THE FOLLOWING DESIGN PARAMETERS.

D2. THE STRUCTURAL ELEMENTS ON THESE DRAWINGS HAVE BEEN DESIGNED FOR THE FOLLOWING UNIFORM LOADINGS:

ELEMENT	SUPERIMPOSED DEAD LOADS S.D.L. (kPa)	LIVE LOADS L.L. (kPa)
RESIDENTIAL SLABS	0.4	0.25
ROOF & ROOF BEAMS	-	-
MEZZANINE/BALCONY	-	-
OFFICE FLOORS	-	-
INDUSTRIAL FLOORS	-	-
COMMERCIAL SLABS	1.5	4.0
TOTAL FRAME ROOFS	-	-
-	-	-
-	-	-
-	-	-

NOTE: NON HABITABLE ROOMS IN ACCORDANCE WITH AS/NZS1170 SECTION 3.5 (b) 2(b)(9) MIN.) LIVE LOAD

WIND LOADING TO AS/NZS1170.2	HOUSING WIND LOADS TO AS/NZS1170.2
REGION	WIND CLASSIFICATION
WIND EXPOSURE LEVEL	REGION
ULTIMATE REGIONAL WIND SPEED	ULTIMATE REGIONAL WIND SPEED
SERVICEABILITY REGIONAL WIND SPEED	SERVICEABILITY REGIONAL WIND SPEED
WIND CATEGORY	WIND CATEGORY
TOROCRAHY MULTIPLIER	TOROCRAHY MULTIPLIER
SHIELDING MULTIPLIER	SHIELDING

CLAZING/DOOR WIND PRESSURE	-
----------------------------	---

SNOW LOADING TO AS/NZS1170.3	ASSIGNED RETAINING WALL DESIGN PARAMETERS
ELEVATION	ACTIVE PRESSURE COEFFICIENT
PROBABILITY FACTOR	PASSIVE PRESSURE COEFFICIENT
LATITUDE FACTOR	-
GROUND SNOW LOAD	SOIL DENSITY
ROOF SNOW LOAD	ANGLE OF INTERNAL SOIL FRICTION

D3. REFER TO CONCRETE NOTES FOR EXPOSURE CLASSIFICATION.

D4. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE RATING CLASSIFICATION.

D5. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE RATING CLASSIFICATION.

D6. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE RATING CLASSIFICATION.

FOUNDATION PARAMETERS

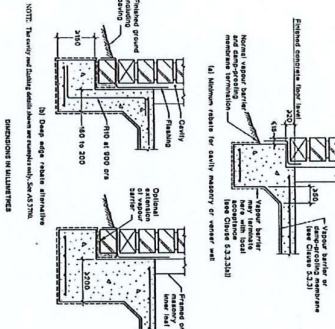
SITE CLASSIFICATION HAS BEEN IDENTIFIED AS	N.A.
BASED ON:	N.A.
PREPARED BY:	N.A.
FOOTINGS HAVE BEEN DESIGNED FOR AN ALLOWABLE BEARING CAPACITY OF:	100 kPa
FOOTINGS ARE TO BE FOUND:	BELOW THE TOROK/ FILL, AND ANY UNCONTROLLED FILL IS RECOMMENDED AND BUILT TO THE NATURAL 100 kPa FOUNDATION DEPTH.

ADDITIONAL GEOTECHNICAL NOTES

N.A.

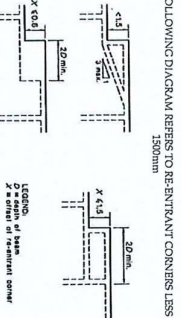
AS2970 - CLAUSE 5.3.4 EDGE REINFORCEMENT

FIGURE 5.3.2 EDGE REINFORCEMENT DETAILS



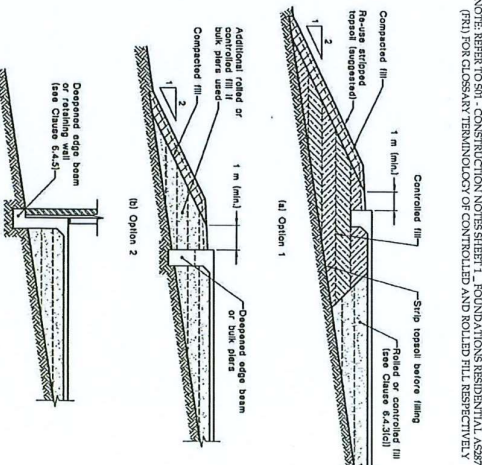
AS2970 - CLAUSE 5.3.8 BEAM CONTINUITY IN RAFTS

FIGURE 5.3.4 LAYOUT OF FOOTING BEAMS

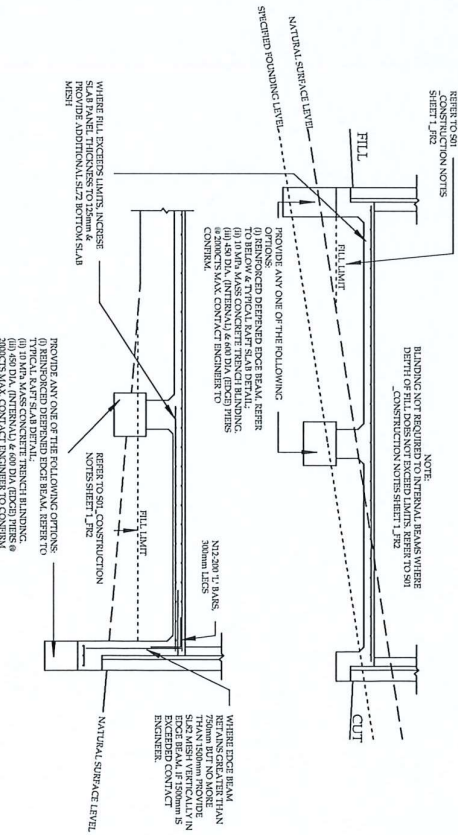


AS2970 - CLAUSE 6.4.4 TREATMENT OF SLOPING SITES

FIGURE 6.4.1 FILL AND SOIL EDGE OPTIONS FOR DOWN SLOPE OF SLOPED SITES



ACHIEVING BEARING CAPACITY ON SLOPING SITES



IF IN DOUBT, CONTACT ENGINEER.

Design2 Consulting

ENGINEERS ARCHITECTS

RESIDENTIAL COMMERCIAL INDUSTRIAL

CONTACT: 02 9555 1234

PRINCIPAL: [Name]

PROJECT NO: 2022058

DATE: APRIL 2022

SCALE: As indicated

DRAWN BY: G.W.

CHECKED BY: G.W.

PROJECT PROPOSED ALTERATION & ADDITION

100/100 ROAD & SHERIDAN LANE

GUNDAGAI, N.S.W 2722

CLIENT: COOTAMUNDRA - GUNDAGAI REGIONAL COUNCIL

SHEET NUMBER: 504

ISSUE: A

PROJECT TITLE: CONSTRUCTION NOTES

SHEET 4

DATE: APRIL 2022

SCALE: As indicated

DRAWN BY: G.W.

CHECKED BY: G.W.

EXTRA CONSTRUCTION NOTES

- (i) IF UNKNOWN FILL IS FOUND OR IN DOUBT DURING EXCAVATION, CONTACT ENGINEER ASAP.
- (ii) THE DOWN & BRACING REQUIREMENTS WITHIN CONCRETE (H.D. BOLTS, THE DOWN RODS E.T.C) SHALL BE IN ACCORDANCE WITH AS1684.
- (iii) THIS DESIGN HAS NO ALLOWANCE FOR INTERVAL LOAD BEARING WALLS. TRANSFER LOCATION OF LOAD BEARING WALLS WITH STRESS MANUFACTURER PRIOR TO COMMENCING CONSTRUCTION. REFER TO RAFT SLAB DETAILS FOR ALLOWANCE OF INTERVAL LOAD BEARING WALLS.



1) 1:150 @ A3

IF IN DOUBT, CONTACT ENGINEER.

STEELWORK MEMBER SCHEDULE[illegible]

CONCRETE EXTERNAL SLAB SPECIFICATIONS

LEGEND

EXTRA CONSTRUCTION NOTES

NOTE: CONSTRUCTION DESIGN:

ARTICULATED MASONRY VENEER FOR "M-D" CLASS SITE.

AJ DENOTES ARTICULATION JOINT. REFER TO DETAILS

(i) CONCRETE STRENGTH:

25 MPa

110mm U.N.O. REFER TO S04 CONSTRUCTION NOTES SHEET 4, ACHIEVING SPECIFIED BEARING DEPTH ON SLOPING SITES

S.J. DENOTES SAW CUT JOINT. REFER TO DETAILS

(ii) SLAB THICKNESS:

110mm U.N.O. REFER TO S04 CONSTRUCTION NOTES SHEET 4, ACHIEVING SPECIFIED BEARING DEPTH ON SLOPING SITES

S.J. DENOTES SAW CUT JOINT. REFER TO DETAILS

(iii) GENERAL SLAB MESH:

SL72 TOP 25mm COVER

D.J. DENOTES DOWEL JOINT. REFER TO DETAILS

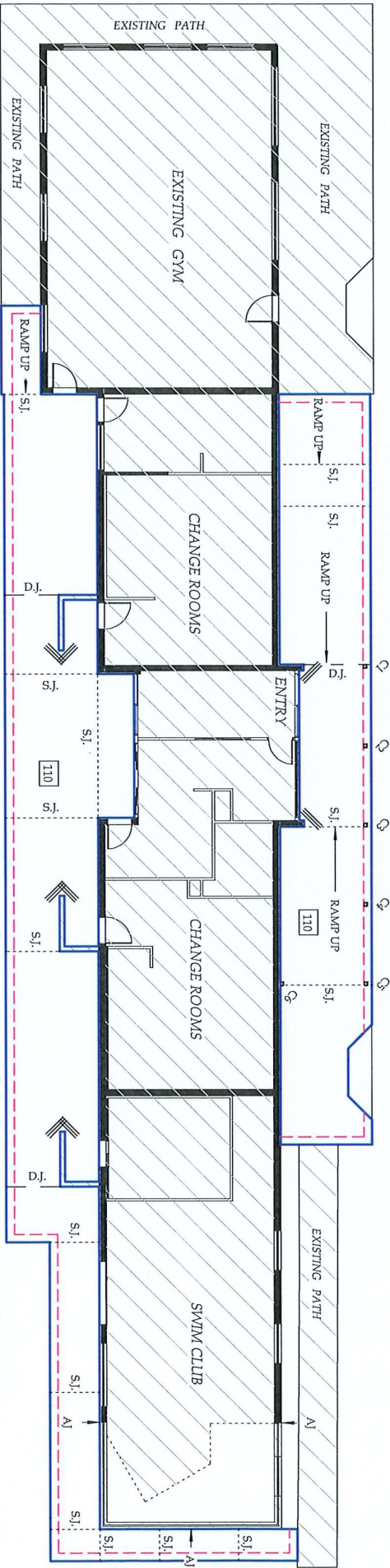
(i) IF UNKNOWN FILL IS FOUND OR IN DOUBT DURING EXCAVATION, CONTACT ENGINEER ASAP. THE DOWN & BEARING REQUIREMENTS WITHIN CONCRETE (H.D. BOLTS, THE DOWN RODS ETC.) SHALL BE IN ACCORDANCE WITH AS1684.

(ii) THIS DESIGN HAS NO ALLOWANCE FOR INTERNAL LOAD BEARING WALLS. CONFIRM LOCATION OF LOAD BEARING WALLS WITH TRUSS MANUFACTURER PRIOR TO COMMENCING CONSTRUCTION. CONTACT ENGINEER.

(iv) DAMP PROOF MEMBRANE

IF BORED PIERS REQUIRED UNDER SLAB INCREASED TO 125mm THICK WITH ADDITIONAL SL72 BOTTL.

RE-ENTRANT CORNER REINFORCEMENT AS PER DETAILS



EXTERNAL SLAB PLAN

1:150 @ A3

IF IN DOUBT, CONTACT ENGINEER.

Design2 Consulting

ENGINEERS ARCHITECTS

AUSTRALIAN PROFESSIONAL ENGINEERING

MEMBER

PROJECT NO: 20220158

DATE: APRIL 2022

SCALE: As indicated

DRAWN BY: G.W.

CHECKED BY: G.W.

PROJECT TITLE: PROPOSED ALTERATION & ADDITION

CLIENT: NANGUS ROAD & SHERIDAN LANE GUNDAGAI, N.S.W 2722

CLIENT: COOTAMUNDRA - GUNDAGAI REGIONAL COUNCIL

SHEET NUMBER: S11

ISSUE: A

PROJECT NO: 20220158

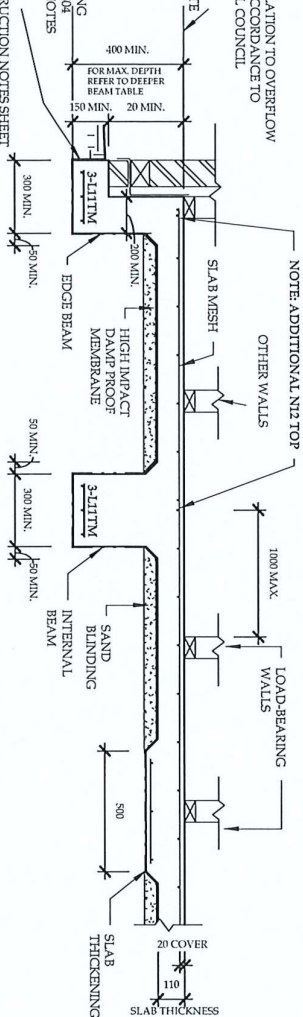
DATE: APRIL 2022

SCALE: As indicated

DRAWN BY: G.W.

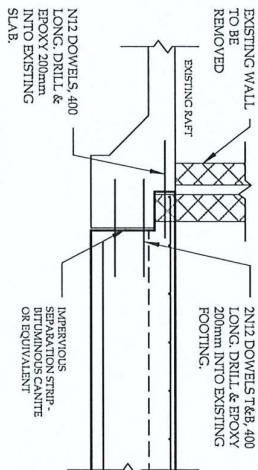
CHECKED BY: G.W.

4 FOR VARIOUS EDGE REBATE DETAILS
REFER TO S04_CONSTRUCTION NOTES



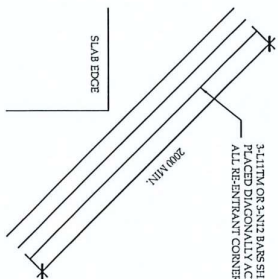
TYPICAL RAFT SLAB DETAIL

NOTE: WHERE FILL EXCEEDS LIMITS, INCREASE SLAB
PANEL THICKNESS TO 125mm & PROVIDE ADDITIONAL
SL22 BOTTOM SLAB MESH. REFER TO S04_CONSTRUCTION
NOTES SHEET 4

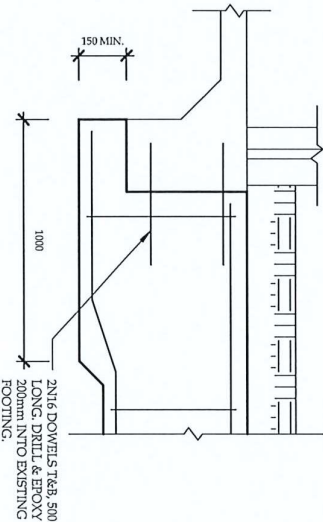


FOOTING DOWEL JOINT (FDJ))

3-L11TM OR 3-N12 BARS SHALL BE
PLACED DIAGONALLY ACROSS
ALL RE-ENTRANT CORNERS



RE-ENTRANT
CORNER DETAIL



FOOTING DOWEL JOINT (FDJ)2

WALL TIES EVERY 4TH COURSE TO
BCA REQUIREMENTS

ARTICULATION JOINT AS DETAILED M10 UNREINFORCED MASONRY NOTES.

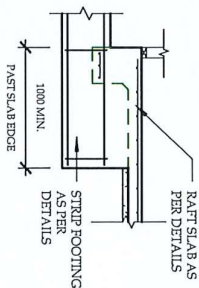
BRICK VENEER
CONSTRUCTION DENOTED AT
ON PLAN

FULL BRICK CONSTRUCTION
DENOTED A ON PLAN



STRIP FOOTING TO RAFT SLAB

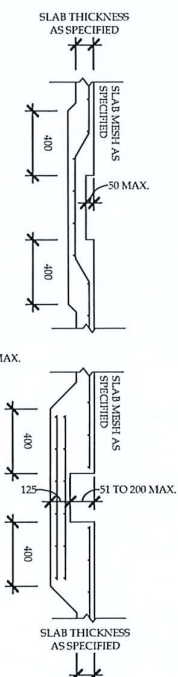
DETAIL



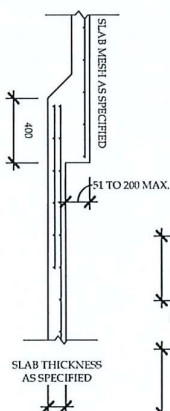
ADDITIONAL BOTTOM REINFORCEMENT - DEEPER EDGE BEAM	
RED SIZE	MAX. DEPTH
N/A	500mm
1N12 OR 3-11T14	500 TO 625mm
3N12 OR 2N16	625 TO 800mm
3N16	800 TO 1200mm

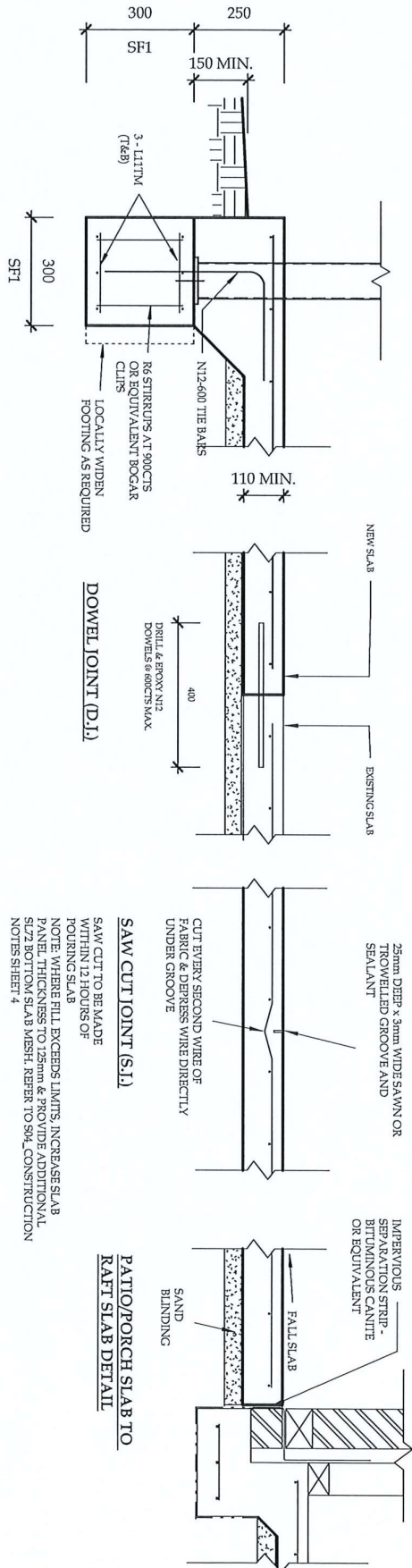
NOTE: IF BEAM DEPTH EXCEEDS 1200mm CONSULT ENGINEER

1200mm CONSULT ENGINEER

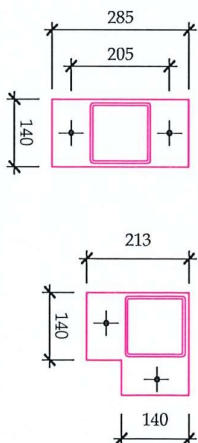


SLAB DETAIL AT RECESS

[illegible]



STRIP FOOTING (SF1) DETAIL & PATIO/PORCH SLAB EDGE DETAIL



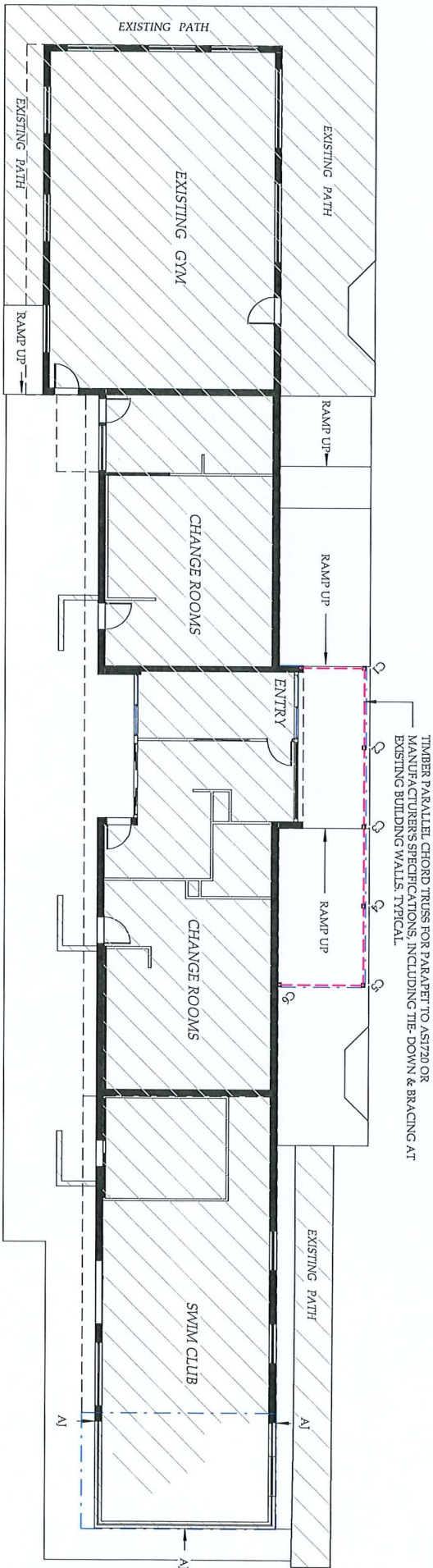
BasePlate: 8mm Gr. 250, 20mm Nominal Grout
 Bolts: 2M10 "Blue-Tip" SCREW BOLT™ (B110100/27055) OR EQUIVALENT TO FOOTING/SLAB
 Weld: 6 CRW/480/SP to column

125 SHS BASEPLATE DETAIL

3
1 : 10

IF IN DOUBT, CONTACT ENGINEER.

Design 2 consulting ENGINEERS AUSTRALIAN REGISTERED ENGINEERS 2020-2025 MEMBERSHIP 2019		BUILDING DESIGNER & ENGINEER RESIDENTIAL, INDUSTRIAL, COMMERCIAL CONTACT: [Name] PRINCIPAL: [Name] BUILDING DESIGNER & ENGINEER RESIDENTIAL, INDUSTRIAL, COMMERCIAL CONTACT: [Name] PRINCIPAL: [Name]		PROJECT PROPOSED ALTERATION & ADDITION NANGUS ROAD & SHERIDAN LANE GUNDAGAI, N.S.W 2722 CLIENT: COOTAMUNDRA - GUNDAGAI REGIONAL COUNCIL		SHEET TITLE: CONCRETE SLAB & FOOTING DETAILS SHT 2 SHEET NUMBER: S13 ISSUE: A	
PROJECT NO: 20220358 DATE: APRIL 2022 SCALE: As indicated DRAWN BY: G.W. CHECKED BY: G.W.		ISSUE: A AMENDMENT: FOR CONSTRUCTION DATE: 05/04/2022					



ROOF BEAM MARKING PLAN

1:150 @ A3

EXTRA CONSTRUCTION NOTES

IF IN DOUBT, CONTACT ENGINEER.

 Design 2 Consulting  ENGINEERS Australia Registered Engineers & Geoscientists  AUSTRALIAN PROFESSIONAL ENGINEERS ASSOCIATION Registered Engineers & Geoscientists  ISO 9001:2015 Quality Management System	BUILT, DESIGNED & CONSULTING STRUCTURAL ENGINEER RESIDENTIAL, INDUSTRIAL, COMMERCIAL CONTACT: PO BOX 505 1/100-110/112-114/116-118/120-122/124-126/128-130/132-134/136-138/140-142/144-146/148-150/152-154/156-158/160-162/164-166/168-170/172-174/176-178/180-182/184-186/188-190/192-194/196-198/200-202/204-206/208-210/212-214/216-218/220-222/224-226/228-230/232-234/236-238/240-242/244-246/248-250/252-254/256-258/260-262/264-266/268-270/272-274/276-278/280-282/284-286/288-290/292-294/296-298/300-302/304-306/308-310/312-314/316-318/320-322/324-326/328-330/332-334/336-338/340-342/344-346/348-350/352-354/356-358/360-362/364-366/368-370/372-374/376-378/380-382/384-386/388-390/392-394/396-398/400-402/404-406/408-410/412-414/416-418/420-422/424-426/428-430/432-434/436-438/440-442/444-446/448-450/452-454/456-458/460-462/464-466/468-470/472-474/476-478/480-482/484-486/488-490/492-494/496-498/500-502/504-506/508-510/512-514/516-518/520-522/524-526/528-530/532-534/536-538/540-542/544-546/548-550/552-554/556-558/560-562/564-566/568-570/572-574/576-578/580-582/584-586/588-590/592-594/596-598/600-602/604-606/608-610/612-614/616-618/620-622/624-626/628-630/632-634/636-638/640-642/644-646/648-650/652-654/656-658/660-662/664-666/668-670/672-674/676-678/680-682/684-686/688-690/692-694/696-698/700-702/704-706/708-710/712-714/716-718/720-722/724-726/728-730/732-734/736-738/740-742/744-746/748-750/752-754/756-758/760-762/764-766/768-770/772-774/776-778/780-782/784-786/788-790/792-794/796-798/800-802/804-806/808-810/812-814/816-818/820-822/824-826/828-830/832-834/836-838/840-842/844-846/848-850/852-854/856-858/860-862/864-866/868-870/872-874/876-878/880-882/884-886/888-890/892-894/896-898/900-902/904-906/908-910/912-914/916-918/920-922/924-926/928-930/932-934/936-938/940-942/944-946/948-950/952-954/956-958/960-962/964-966/968-970/972-974/976-978/980-982/984-986/988-990/992-994/996-998/1000-1002/1004-1006/1008-1010/1012-1014/1016-1018/1020-1022/1024-1026/1028-1030/1032-1034/1036-1038/1040-1042/1044-1046/1048-1050/1052-1054/1056-1058/1060-1062/1064-1066/1068-1070/1072-1074/1076-1078/1080-1082/1084-1086/1088-1090/1092-1094/1096-1098/1100-1102/1104-1106/1108-1110/1112-1114/1116-1118/1120-1122/1124-1126/1128-1130/1132-1134/1136-1138/1140-1142/1144-1146/1148-1150/1152-1154/1156-1158/1160-1162/1164-1166/1168-1170/1172-1174/1176-1178/1180-1182/1184-1186/1188-1190/1192-1194/1196-1198/1200-1202/1204-1206/1208-1210/1212-1214/1216-1218/1220-1222/1224-1226/1228-1230/1232-1234/1236-1238/1240-1242/1244-1246/1248-1250/1252-1254/1256-1258/1260-1262/1264-1266/1268-1270/1272-1274/1276-1278/1280-1282/1284-1286/1288-1290/1292-1294/1296-1298/1300-1302/1304-1306/1308-1310/1312-1314/1316-1318/1320-1322/1324-1326/1328-1330/1332-1334/1336-1338/1340-1342/1344-1346/1348-1350/1352-1354/1356-1358/1360-1362/1364-1366/1368-1370/1372-1374/1376-1378/1380-1382/1384-1386/1388-1390/1392-1394/1396-1398/1400-1402/1404-1406/1408-1410/1412-1414/1416-1418/1420-1422/1424-1426/1428-1430/1432-1434/1436-1438/1440-1442/1444-1446/1448-1450/1452-1454/1456-1458/1460-1462/1464-1466/1468-1470/1472-1474/1476-1478/1480-1482/1484-1486/1488-1490/1492-1494/1496-1498/1500-1502/1504-1506/1508-1510/1512-1514/1516-1518/1520-1522/1524-1526/1528-1530/1532-1534/1536-1538/1540-1542/1544-1546/1548-1550/1552-1554/1556-1558/1560-1562/1564-1566/1568-1570/1572-1574/1576-1578/1580-1582/1584-1586/1588-1590/1592-1594/1596-1598/1600-1602/1604-1606/1608-1610/1612-1614/1616-1618/1620-1622/1624-1626/1628-1630/1632-1634/1636-1638/1640-1642/1644-1646/1648-1650/1652-1654/1656-1658/1660-1662/1664-1666/1668-1670/1672-1674/1676-1678/1680-1682/1684-1686/1688-1690/1692-1694/1696-1698/1700-1702/1704-1706/1708-1710/1712-1714/1716-1718/1720-1722/1724-1726/1728-1730/1732-1734/1736-1738/1740-1742/1744-1746/1748-1750/1752-1754/1756-1758/1760-1762/1764-1766/1768-1770/1772-1774/1776-1778/1780-1782/1784-1786/1788-1790/1792-1794/1796-1798/1800-1802/180
---	---