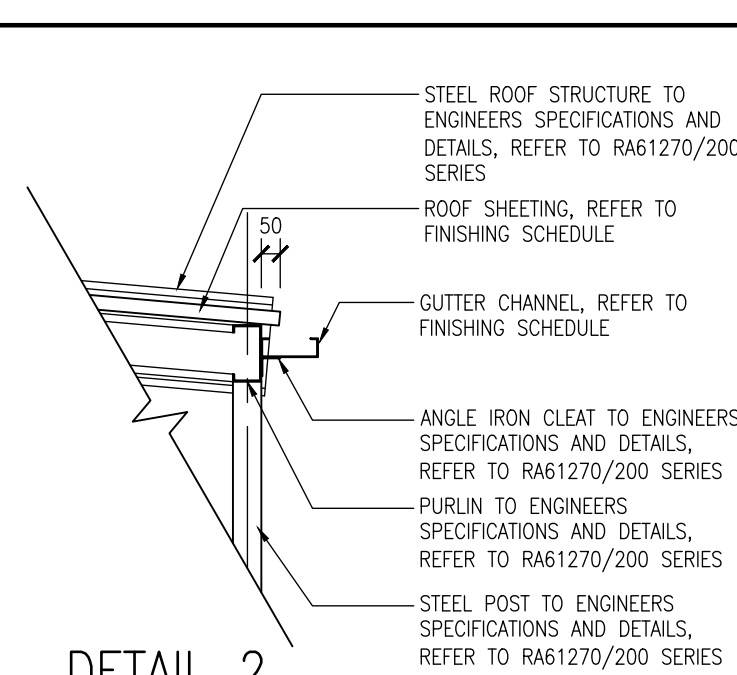


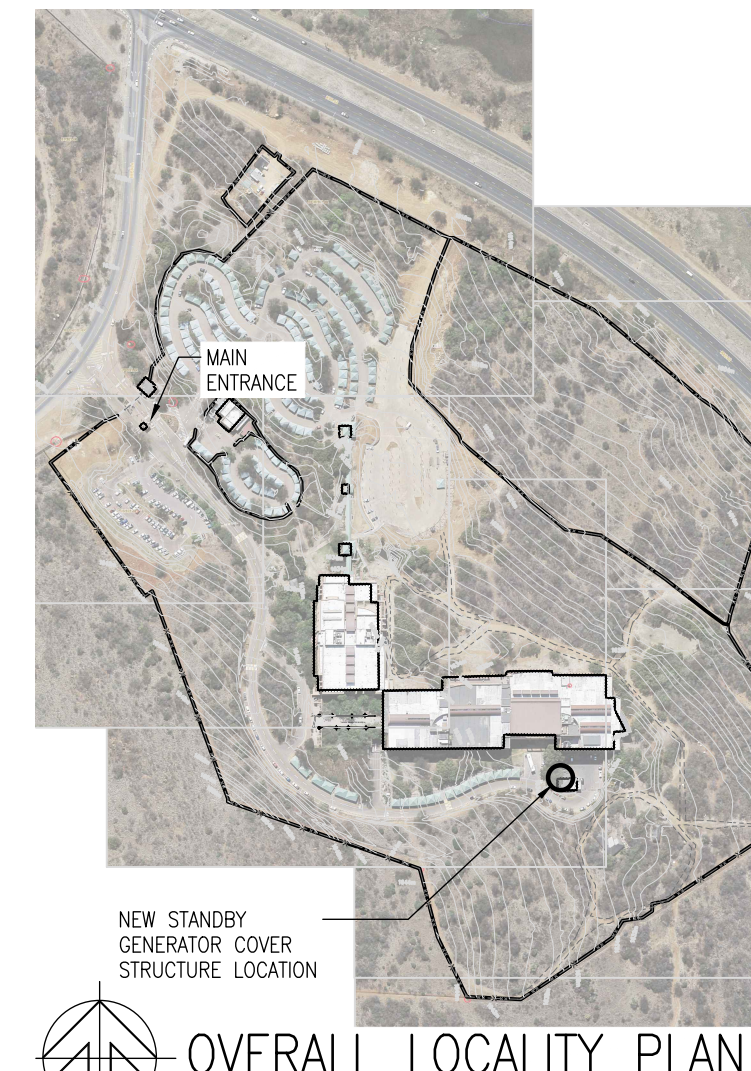


STAND NUMBER:	PORTION B
TOWNSHIP:	ON FARM RIVETLIE 101
USE ZONE:	SPECIAL-RAND WATER BOARD PURPOSES
STAND AREA:	29.3 HA (293 000 sqm)
HEIGHT ZONE:	THREE STOREYS
COVERAGE:	- ALLOWED: 40% (11.72 HA) - ACTUAL: 9% (26 627.83 sqm)
BUILDING LINE:	30m
PARKING:	NOT SPECIFIED IN SCHEDULE "G"
	ACTUAL: - 210 OPEN - 584 CARPORT COVERED - 105 UNDER GROUND PARKING

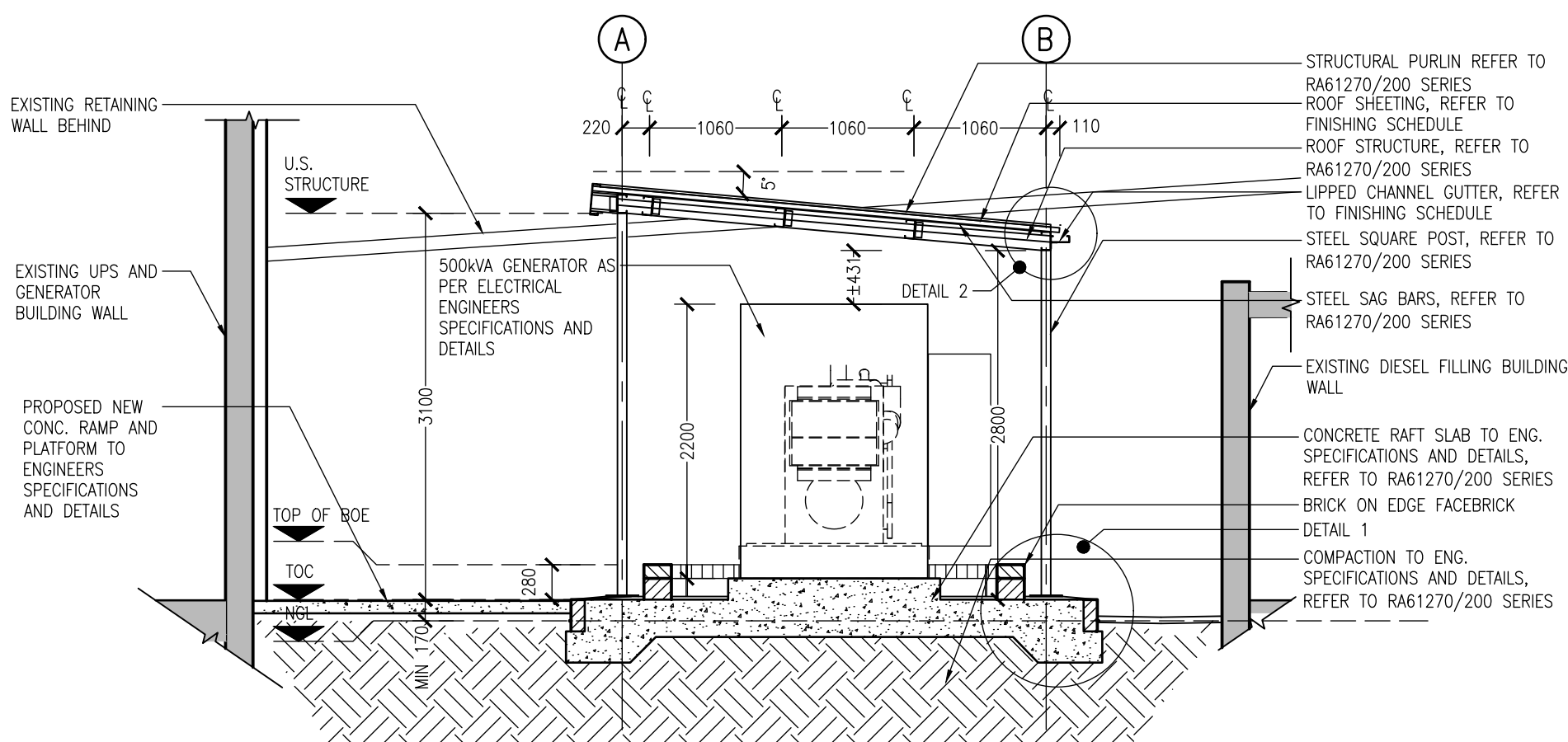
- GENERATOR FOOTPRINT TO BE CONFIRMED ON SITE AND ANY DISCREPANCIES TO THE SIZE OF THE PLUNTS MUST BE REPORTED TO RAND WATER ARCHITECT AND ENGINEERS PRIOR TO CONSTRUCTION.
- ALL CABLE ROUTES MUST BE CONFIRMED PRIOR TO INSTALLATION OF CABLE SLEEVES AND CASTING OF RAFT SLAB. ANY DISCREPANCIES MUST BE REPORTED TO RAND WATER ARCHITECT AND ENGINEERS.
- ALL DISTURBED SURFACES MUST BE MADE GOOD AFTER CONSTRUCTION, INSTALLATION AND COMMISSIONING.
- FOR ALL FINISHES, THE CONTRACTOR MUST EITHER PROVIDE SAMPLES AND/OR SPECIFICATIONS FOR RAND WATER ARCHITECTS APPROVAL PRIOR TO PURCHASING OF PRODUCTS.
- BRICK SAMPLES MUST BE PROVIDED FOR RAND WATER ARCHITECTS APPROVAL PRIOR TO PURCHASING.
- ALL EXISTING SERVICES INDICATED ON THE LOCALITY PLAN ARE FOR INDICATING PURPOSES ONLY. ALL EXISTING SERVICES POSITIONS MUST BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.

1. ALL LOCAL, NATIONAL BY-LAWS & SANS CODE 10400 & SANS 10252 SHALL BE COMPLIED WITH.
2. SITE BOUNDARY PEGS OR CO-ORDINATES TO BE IDENTIFIED BEFORE COMMENCEMENT OF ANY WORK.
3. CONTRACTORS AND SUBCONTRACTORS TO CHECK ALL DIMENSIONS, LEVELS ETC. ON SITE PRIOR TO COMMENCEMENT OF WORK.
4. ALL LEVELS SHOWN ARE FINISHED LEVELS UNLESS OTHERWISE STATED.
5. ALL NEW WORK TO MATCH AND LINE UP WITH EXISTING.
6. NO DIMENSIONS TO BE SCALED, ONLY FIGURED DIMENSIONS TO BE USED AND LARGE SCALE DETAILS SUPERCEDE SMALL SCALE DRAWINGS.
7. ANY QUERIES OR DISCREPANCIES IN DIMENSIONS OR DETAIL ON THE DRAWINGS OR BETWEEN DRAWINGS AND SPECIFICATION TO BE REPORTED TO THE ARCHITECT FOR CLARIFICATION BEFORE RELEVANT MATERIALS ARE ORDERED OR WORK PUT IN HAND.
8. THE INFORMATION ON THIS DRAWING IS THE PROPERTY OF RAND WATER AND IS COPYRIGHT.
9. ALL WALL OPENINGS IE: DOORS, WINDOWS ETC. TO HAVE PRE-STRESSED CONCRETE LINTELS OVER UNLESS OTHERWISE DETAILED.
10. ALL ELECTRICAL WORK TO BE DONE BY A CONTRACTOR REGISTERED WITH THE ELECTRICAL CONTRACTING BOARD AND TO BE IN ACCORDANCE WITH SANS 101 AND RAND WATER ELECTRICAL SPECIFICATION RW-00320-AS-500.
11. A CERTIFICATE OF COMPLIANCE BY AN ACCREDITED PERSON TO BE PROVIDED FOR THE INSTALLATION.
12. CONTRACTOR TO ALLOW FOR TESTING & INSPECTION OF THE EXISTING ELECTRICAL INSTALLATION AS REQUIRED FOR A CERTIFICATE OF COMPLIANCE AND PROVIDE DEFECTS LIST IF ANY.

BRICKWORK:	CORNERBRICK "COUNTRY COTTAGE" FBS FACEBRICK BUND WALL TO MATCH EXISTING GENERATOR & UPS BUILDING EXTERNAL BRICKWORK.
FLOOR:	CONCRETE RAFT SLAB TO ENGINEERS SPECIFICATIONS AND DETAILS, REFER TO RA61276/200 SERIES
RAMP:	CONCRETE RAMP WITH RAKED FINISH TO ENGINEERS SPECIFICATIONS AND DETAILS. REFER TO RA61276/200 SERIES
PAVING:	EXISTING HEAVY DUTY INTERLOCKING PAVING BRICKS TO BE REMOVED AND TO BE RE-LAID TO FALL AS INDICATED ON THE PLAN
SCREED:	30mm THICK SCREED TO FALL 1:100 FROM CENTRE OF FLOOR TOWARDS WALLS
ROOF STRUCTURE:	ALL STEEL SECTIONS & CONSTRUCTION TO BE IN ACCORDANCE WITH ENG. SPECIFICATIONS AND DETAILS, REFER TO RA61276/200 SERIES
ROOF SHEETING:	0.58mm PREPARED CHROMADEK IRR PROFILE ROOF SHEETING SCHEDULED TO TOP OF PURLINS WITH HIGH SPEED FASTENERS COLOUR: TRAFFIC GREEN SABS E07
GUTTER CHANNEL:	150x75x20x3mm LIPPED CHANNEL FIXED ONTO ROOF STRUCTURE PURLIN AS PER ENGINEERS SPECIFICATIONS AND DETAIL. CHANNEL TO HAVE OPEN ENDS. CONTRACTOR TO ENSURE THAT CHANNEL HAS SUFFICIENT FALL TO ONE SIDE, TO BE DETERMINED ON SITE.
FLOOR FINISH:	FLEXIBLE POLYURETHANE COATING SYSTEM THAT PROVIDES CHEMICAL RESISTANCE, HAS A NITRILE GLOVE SURFACE AND PROVIDES 100% UV RESISTANCE, APPLIED TO SURFACE AS PER MANUFACTURERS SPECIFICATIONS AND DETAILS. COLOUR: TO RAND WATER ARCH. APPROVAL
INTERNAL WALL FINISH:	FLOOR FINISH COVERED UP WALL AS INDICATED ON DETAIL 1
STEEL FINISH:	ABRASIVE BLAST CLEAN TO SA-2 1/2 ALL STEELWORK. APPLY WITHIN 4 HOURS OF CLEANING APPROVED PRIMER AND PAINT. PAINT COLOUR: TO RAND WATER ARCH APPROVAL.



OVERALL LOCALITY PLAN
SCALE 1:5000



Technical drawing of a wall cross-section showing construction details and dimensions. The drawing includes a brick wall on the left, a concrete raft slab in the middle, and an expansion joint for a break away brick panel on the right. Dimensions are provided for various components, including the top of the boe, top of concrete (TOC), and natural ground level (NGL). A 10mm expansion joint is shown for the break away brick panel, with a minimum 30mm thick screed to fall 1:100 from the center of the floor to the outer walls. The floor finish is covered up wall, and the steel post is to engineers specifications and details, refer RA61270/200 series. The bullnosed facebrick brick on edge is shown, and the facebrick dwarf wall is indicated. The concrete raft slab is to engineers specifications and details, refer to RA61270/200 series. The existing paving is re-laid to fall, refer to plan.

10mm EXPANSION JOINT FOR BREAK AWAY BRICK PANEL

MIN. 30mm THK SCREED TO FALL 1:100 FROM THE CENTRE OF THE FLOOR TO OUTER WALLS WITH THE FLOOR FINISH COVERED UP THE WALL AS INDICATED

FLOOR FINISH COVERED UP WALL

STEEL POST TO ENGINEERS SPECIFICATIONS AND DETAILS, REFER RA61270/200 SERIES

BULLNOSED FACEBRICK BRICK ON EDGE

FACEBRICK DWARF WALL

MIN. 30mm THK SCREED TO FALL TOWARDS OUTER WALLS WITH MATCHING FINISH TO BUND FLOOR FINISH

FACEBRICK WALL

CONCRETE RAFT SLAB TO ENG. SPECIFICATION AND DETAILS, REFER TO RA61270/200 SERIES

EXISTING PAVING RE-LAID TO FALL, REFER TO PLAN

TOP OF BOE

TOC

NGL

1000

280

110

170

170

MIN.

COMPACTION TO ENG. SPECIFICATIONS AND DETAILS, REFER TO RA61270/200 SERIES

Technical drawing of a roof structure. The drawing includes a plan view at the top and a side elevation view below it. The plan view shows a rectangular area with a width of 3400 and a height of 5700. A section line A-A is indicated, with a 250 offset from the left edge. The side elevation view shows the roof structure with a 'ROOF FALL' indicated by an arrow pointing to the right. The side elevation view also shows a 'RAMP UP' section at the bottom. The drawing is labeled with dimensions and section markers.

Diagram Description: This is a technical elevation drawing of a roof assembly. The drawing is oriented vertically with a dashed line on the left side. Key features include:

- Roof Sheeting:** Indicated by a horizontal line at the top with the note 'ROOF SHEETING, REFER TO FINISHING SCHEDULE'.
- Structural Steel Purlins:** Represented by a series of horizontal lines below the roof sheeting, with the note 'STRUCTURAL STEEL PURLINS BELOW AS PER ENG. SPECIFICATIONS AND DETAILS, REFER RA61270/200 SERIES'.
- Steel Sag Bars:** Shown as a horizontal line below the purlins, with the note 'STEEL SAG BARS, REFER TO RA61270/200 SERIES'.
- Gutter Channel:** Indicated by a horizontal line below the sag bars, with the note 'GUTTER CHANNEL, REFER TO FINISHING SCHEDULE'.
- Structural Square Hollow Section Post:** A vertical line with a cross-section symbol (a circle with a cross) is shown on the left side, with the note 'STRUCTURAL SQUARE HOLLOW SECTION POST TO ENG. SPECIFICATIONS AND DETAILS, REFER RA61270/200 SERIES'.
- Floor Outer Edge:** A horizontal line at the bottom of the main assembly, with the note 'FLOOR OUTER EDGE BELOW'.
- Concrete Ramp:** Indicated by a horizontal line at the very bottom, with the note 'CONCRETE RAMP BELOW, TO ENGINEERS SPECIFICATIONS AND DETAILS REFER TO RA61270/200 SERIES'.
- Dimensions:** A vertical dimension line on the left side is labeled '500', indicating a height or depth of 500 units.

ROOF SHEETING, REFER TO FINISHING SCHEDULE

STRUCTURAL STEEL PURLINS BELOW AS PER ENG. SPECIFICATIONS AND DETAILS, REFER RA61270/200 SERIES

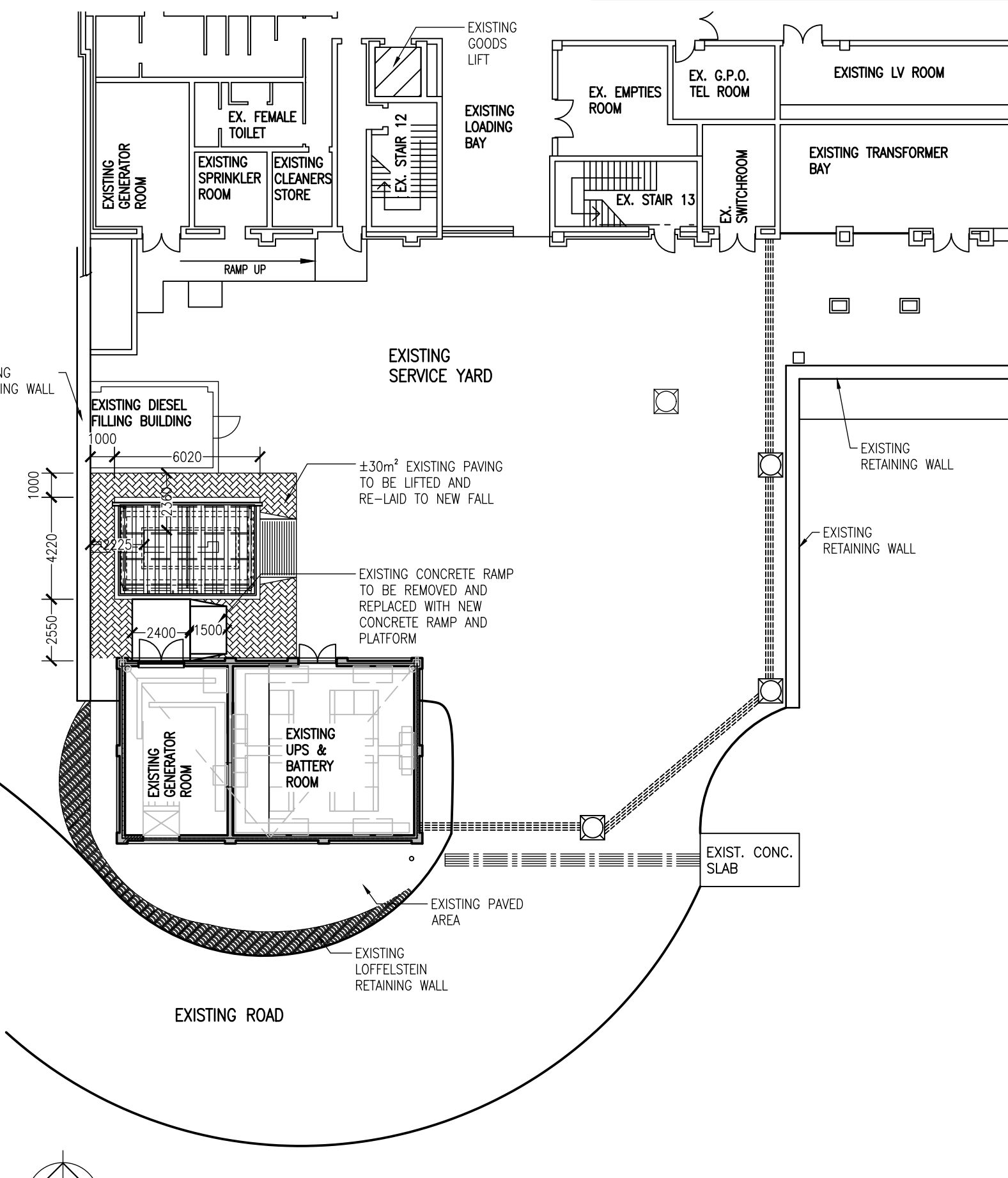
STEEL SAG BARS, REFER TO RA61270/200 SERIES

GUTTER CHANNEL, REFER TO FINISHING SCHEDULE

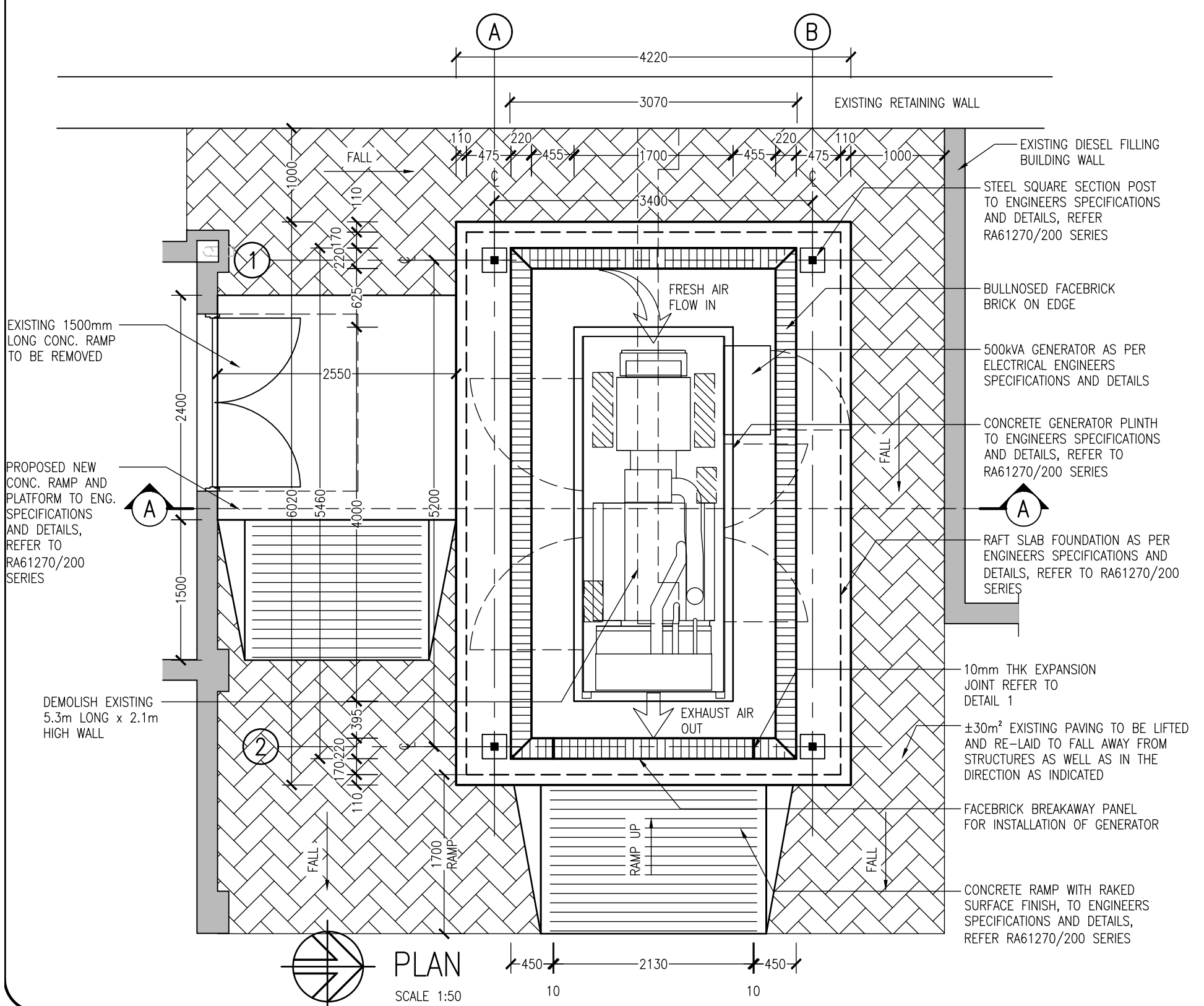
STRUCTURAL SQUARE HOLLOW SECTION POST TO ENG. SPECIFICATIONS AND DETAILS, REFER RA61270/200 SERIES

FLOOR OUTER EDGE BELOW

CONCRETE RAMP BELOW, TO ENGINEERS SPECIFICATIONS AND DETAILS REFER TO RA61270/200 SERIES



LOCALITY PLAN
SCALE 1:200



PLAN
SCALE 1:50

PROJECT No		CHECKED		
NETWORK No	RV11615197		APPROVED	
CONTRACT No		LEAD ARCH	GP MOTSWAI	
DESIGNED BY	NDM	REG No	24751157	Pr Arch
DRAWN BY	NDM	DATE		
DATE	DEC 2022	SECTION HEAD	C TUMBARE	

STATION						WKS								DOC. TYPE			S			
R	V					0	1	U	B	N							D	A	G	A
SCALE AS SHOWN																	REVISION			
A1				RA		61270 / 100														