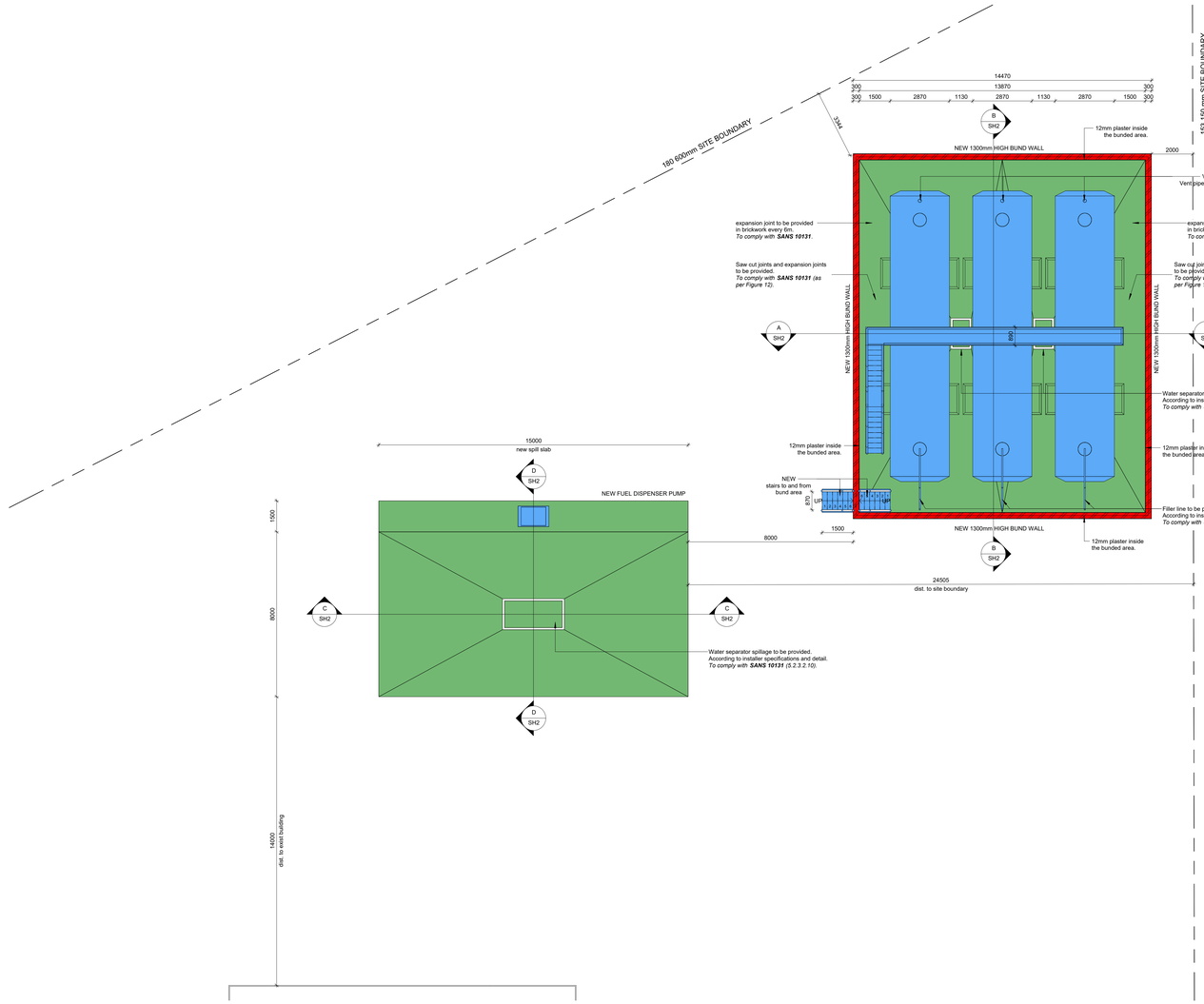

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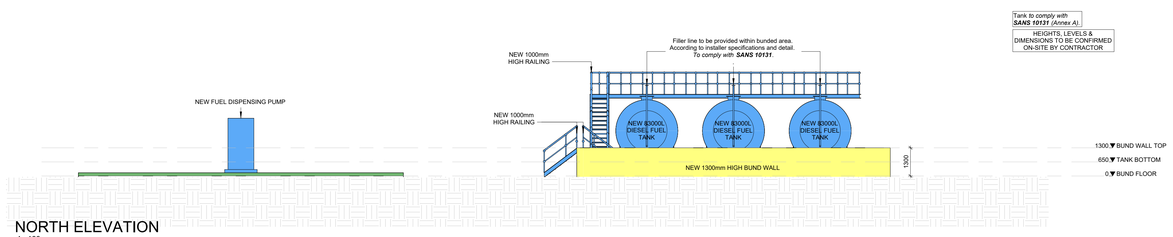
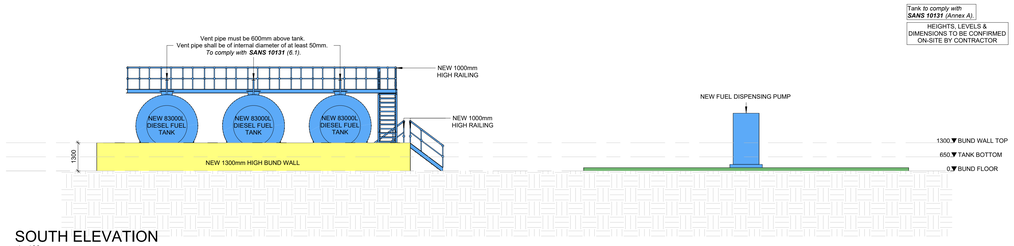
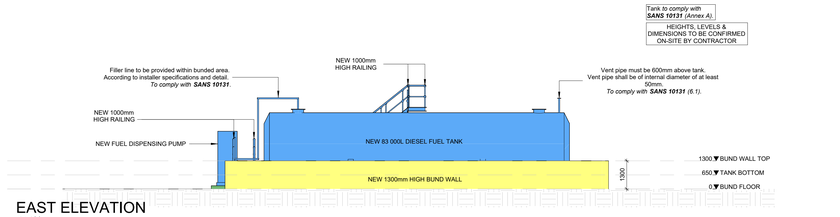
GROUND FLOOR
1 : 100



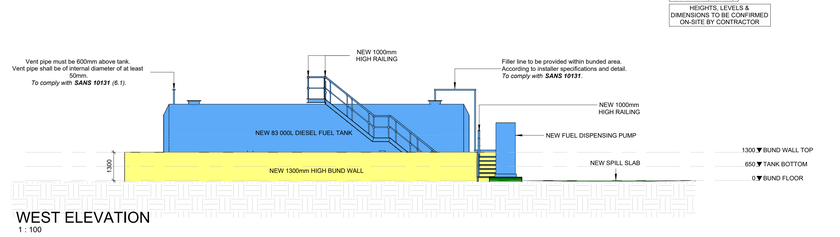
NORTH ELEVATION
1 : 100



SOUTH ELEVATION
1 : 100



EAST ELEVATION
1 : 100



WEST ELEVATION
1 : 100

NOTES

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- USE FIGURED DIMENSIONS. DO NOT SCALE.
- SETTING OUT TO BE DONE FROM THE SURVEYOR'S PEGS.
- CONTRACTOR, SUB-CONTRACTORS & SPECIALIST SUB-CONTRACTORS TO ENSURE WORKS TENDERED UPON COMPLY WITH ALL RELEVANT SAFETY AND/OR HEALTH STANDARDS. ANY DEVIATIONS REQUIRED TO ARCHITECTS DESIGN AND DETAIL DRAWINGS TO ENSURE LEGAL/SAFETY COMPLIANCE ARE TO BE QUALIFIED AT TENDER STAGE.

ENERGY SAVINGS NOTES

- Geyser to be coupled to solar panels, to be wrapped with louver non-combustable geyser insulation. Insulate hotwater piping where not built into wall, insulate all exposed hotwater pipes with lsover to a minimum R-value of 1.00.
- Water saving - water saving or low flow shower heads, dual flush toilets, tap aerators. Energy saving bulbs to be used in house.
- Isotherm to be provided to specialist contractor as per SANS 10400-XA.
- All roofs to be insulated so that a min. R-value of 3.7 is achieved (to comply with SANS 10400-XA:2011:4.4.5.1.). Type of insulation to be flexible polyester blanket (Isotherm or similar approved) with a density of 11.5kg/m³ installed as per SANS 204:2011 thickness min. 160mm and R-value of a min. 3.3 (for main roof) and min. 3.35 (for lean-to roofs).
- Electrical installation to comply with local authority requirements and SANS 10142-1.
- Plumbing installation to comply with local authority requirements and SANS 10400.
- Natural ventilation to comply with municipal regulations and SABS 0400 in terms of min. 5% floor area.
- Natural light to comply with municipal regulations and SABS 0400 in terms of min. 10% floor area.

CONSTRUCTION NOTES:

BUND WALL CONSTRUCTION:
R.O.K. Bricks double skin: laid in running bond to be plastered and painted as per Client's needs and specifications.
Cavity to be filled with concrete.
To structural engineer design.
All Walls to comply with SANS 10400-K.

BUND FLOOR CONSTRUCTION:
To structural engineer design and specifications.

BUND WALL FOUNDATION WALL CONSTRUCTION:
R.O.K. Bricks double skin: laid in running bond.
Cavity to be filled with concrete.
To structural engineer design.
All Walls to comply with SANS 10400-K.

BUND WALL FOUNDATION CONSTRUCTION:
Foundations are to be casted in sizes as per engineers details and specifications, consisting of 1 part Portland cement, 4 parts clean sand and 6 parts 19mm coarse aggregate.
To structural engineer design.
All Foundations to comply with SANS 10400-H.

STAIRS (GENERAL NOTES):
TREADS: min. 250mm
RISERS: Max. 200mm High
Galvanised Mild-Steel stairs to and from BUND AREA as indicated.to be done by specialist, as per specialist specifications.
Metal stairs fixed to NEW Fuel Tank, to be done by specialist, as per specialist specifications.
All Stairs to comply with SANS 10400-M.

FUEL TANK STORAGE:
83 000l
According to manufacturer's / installer's specifications and details.
To be installed by specialist.
*To comply with **SANS 10131** (Annex A).*

NEW
DIESEL FUEL STORAGE:
OCCUPANCY: **J1**

NEW BUND AREA:
3 X 83m³ (83 000l) TANKS

TOTAL TANKS CAPACITY:
249 m³ (249 000l)

TOTAL BUND AREA CAPACITY:
288.766 m³ (288 766l)

REQUIRED:
110%
TOTAL VOLUME OF ALL CONTAINERS
(249m³)

ACHIEVED:
115.97%
TOTAL VOLUME OF ALL CONTAINERS
(**249m³**)

AREA SCHEDULE - ERF 10614
ERF: 17130.38 m²
EXISTING COVERAGE: 12.47 %
EXISTING GROUND STOREY (FOOTPRINT): 3009.97 m²

***NEW COVERAGE (%): +0%**
***NEW COVERAGE (FOOTPRINT): +0m²**
***NEW COVERAGE TOTAL (%): 0%**
***NEW COVERAGE TOTAL (FOOTPRINT): 0m²**

-

NEW:

NEW FUEL TANK / BUND AREA (EXT.) = 237.17 m ²
NEW STAIRS (to bund area) = 1.14 m ²
NEW SPILL SLAB = 120 m ²
NEW PETROL DISPENSER AREA = 22.50 m ²

***NEW GROUND FLOOR TOTAL EXT.: 380.81 m²**

AREA SCHEDULE (GROSS BUILDING / FOOTPRINT WITH EXTERIOR AREAS)

Level	Name	Area	Comments
BUND FLOOR	NEW STAIRS	1.14 m²	
BUND FLOOR	NEW PETROL DISPENSER AREA	22.50 m²	
BUND FLOOR	NEW SPILL SLAB	120.00 m²	
BUND FLOOR	NEW BUND FLOOR AREA	237.17 m²	
		380.81 m²	
BUND FLOOR		380.81 m²	
GRAND TOTAL		380.81 m²	

NEW
DIESEL FUEL STORAGE:
OCCUPANCY: **J1**

NEW BUND AREA:
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(249m³)

ACHIEVED:
115.97%
TOTAL VOLUME OF ALL CONTAINERS
(**249m³**)

OCCUPANCY: **J1: HIGH RISK STORAGE**

AGRIMARK

REV.	DESCRIPTION	DATE

294 MAIN ROAD | PAARL
P.O. BOX 7158 | 7646

ABRé MARAIS
ARCHITECTS
PrArch • SACAP reg. no. 7685

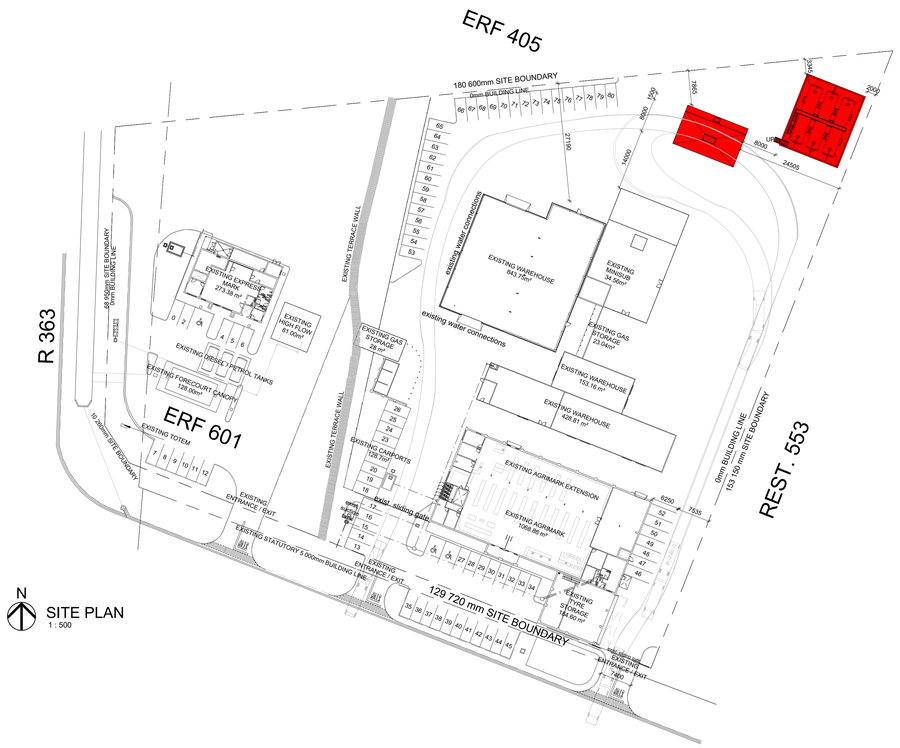
t: 021 872 4536 | m: 082 771 5902 | e: hdall@mweb.co.za

PROJECT:
PROPOSED ADDITIONS & ALTERATIONS - SATASIE ROAD, LUTZVILLE

CLIENT:
AGRIMARK

PROJECT REF.	**14 - ERF601 - LUTZVILLE**
DRAWING NO.	**601-LUTZ- C001 - 00**

SKETCH	•	COUNCIL		CONSTRUCTION	
SCALE:	**1 : 100**	DATE:	**2024/10/21**		
DRAWN:	**D. WILLIAMS**	CHECKED:	**ABRé MARAIS PR ARCH 7685**		



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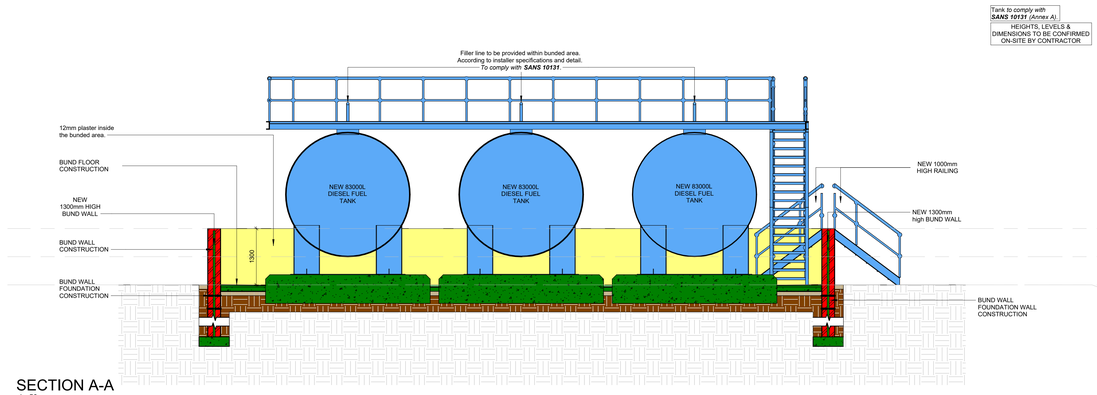
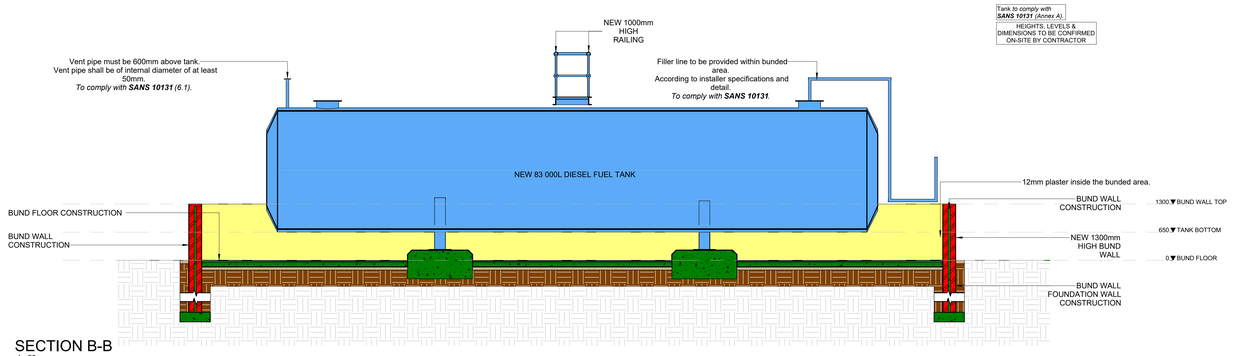
SITE PLAN
1 : 500



SECTION A-A
1 : 50



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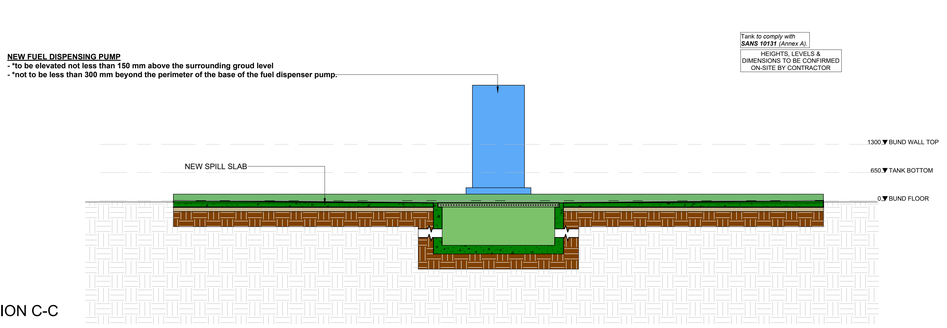
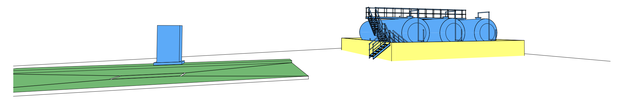
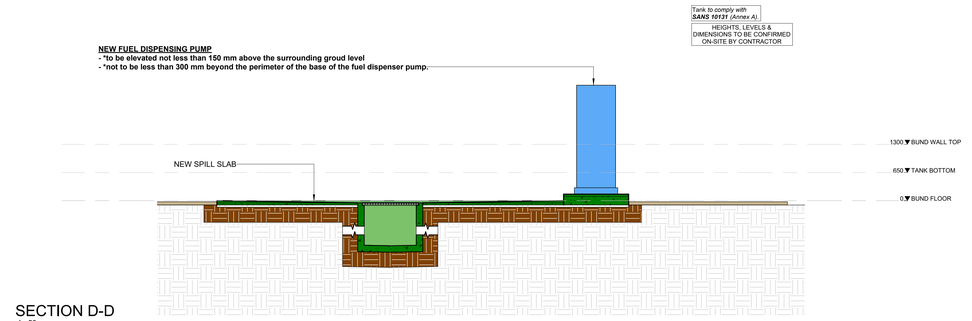


SECTION C-C
1 : 50





SECTION D-D
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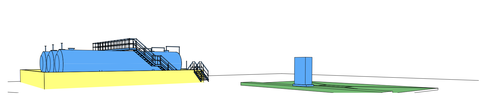

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OCCUPANCY: **J1: HIGH RISK STORAGE**

AGRIMARK

REV.	DESCRIPTION	DATE

294 MAIN ROAD | PAARL
P.O. BOX 7158 | 7646
ABRé MARAIS ARCHITECTS
PrArch • SACAP reg. no. 7685
t: 021 872 4536 | m: 082 771 5902 | e: hallo@mweb.co.za

PROJECT:
PROPOSED ADDITIONS & ALTERATIONS - SATASIE ROAD, LUTZVILLE

CLIENT:
AGRIMARK

PROJECT REF. **14 - ERF601 - LUTZVILLE**

DRAWING NO. **601-LUTZ- C002 - 00**

SKETCH	•	COUNCIL		CONSTRUCTION	
SCALE:	As indicated	DATE:	2024/10/21		
DRAWN:	D. WILLIAMS	CHECKED:	ABRé MARAIS PR.ARCH 7685		