

**Development Application: Proposed Replacement of Existing Underground Fuel Tanks for Existing Service Station - Lot 17 (85) Knight Terrace, Denham**

The Shire has received a planning application proposing to remove existing underground fuel tanks and install two new underground fuel tanks.

Prior to determining this application, the Shire would like to provide you with the opportunity to comment on the proposal. The development plans can be viewed by clicking the links below.

Should you wish to make a submission on the proposal, your comments (in writing) will need to be lodged with Council within 28 days by **16 November 2021**.

# Site Plan





EXISTING 25KL DIESEL TANK

SITE BOUNDARY

EXCHANGE GAS CYLINDER CAGE

EXCAVATION TO REMOVE OLD TANKS AND INSTALL NEW TANKS

EX LPG SLAB TO BE REMOVE DURING EXCAVATION OF OLD TANKS AND INSTALLATION OF NEW TANKS

TANK VENTS

RETAIL OUTLET

DUAL ULP91/ULP98 DISPENSER

DUAL DIESEL DISPENSER

DUAL ULP91/ULP98 DISPENSER

DUAL DIESEL DISPENSER

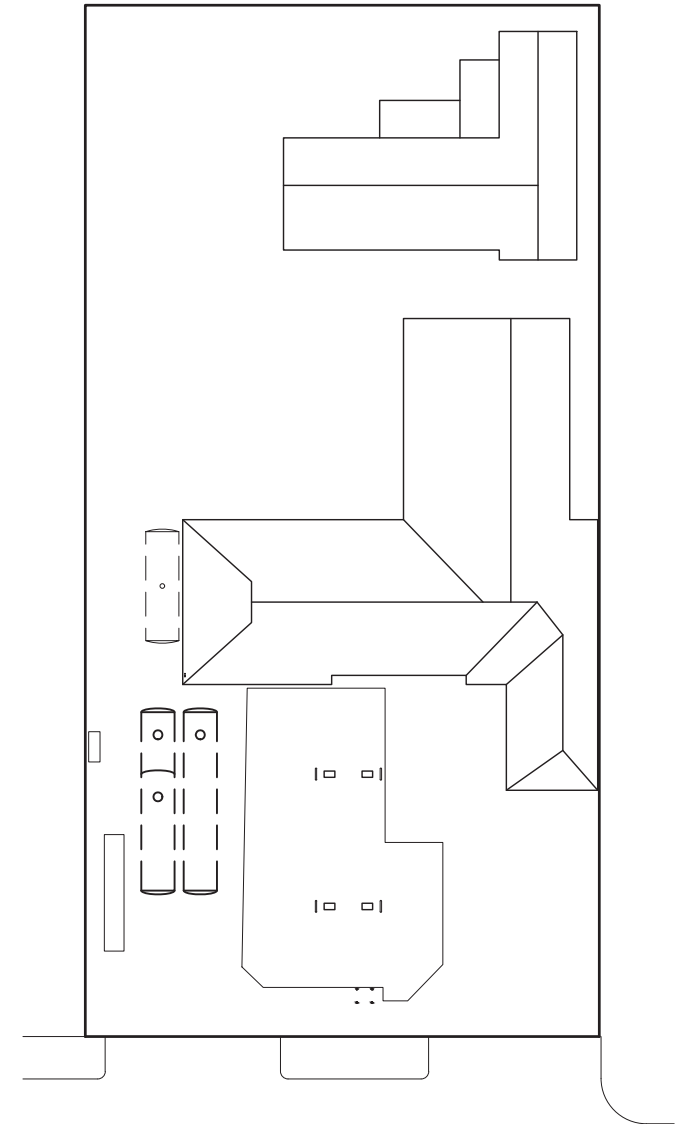
ENTRY/EXIT CROSSOVER

SITE BOUNDARY

ENTRY/EXIT CROSSOVER

KNIGHT TERRACE

FORECOURT LAYOUT  
SCALE 1:100




LOCATION PLAN  
SCALE 1:250

TANK No	PRODUCT	PROD. CLASS	DIMENSIONS mm	TANK CAP's Ltrs
1	ULP98	CLASS 3 PG II	Ø 2,200 x 12,300 - UNDERGROUND DWTANK T45 SPLIT 30/15	15,000
2	DIESEL	COMBUSTIBLE C1	Ø 2,200 x 12,300 - UNDERGROUND DWTANK T45 SPLIT 30/15	30,000
3	ULP91	CLASS 3 PG II	Ø 2,200 x 12,300 - UNDERGROUND DWTANK T45	45,000



SCALE 1:100

DO NOT SCALE DIMENSIONS IN MM DRAWING PRACTICE TO AS1100										COOPER ENGINEERING SERVICES Pty Ltd MOB: 8418 920 104 Phone/Fax : 08 9296 6604 ABN 67 077 151 378 EMAIL: kevin.cooper@coopereng.com.au PROJECT ENGINEERING AND MANAGEMENT										SHARK BAY FUELS 85 KNIGHT TERRACE DENHAM WA 6537										SITE LAYOUT - OPTION 1																																																	
										DRAWN DATE 17.01.20										DRAWN BY SAG										SCALE 1:100										PLOTTED DATE 17.01.20										DRAWING No.  CES-SBF-0902										SIZE A1										REVISION 1									
										NO. DATE BY REVISION										APP'D No. REFERENCE DRAWINGS										DWG. No.										CAD REF.																																							
1 17.01.20 SAG ISSUED FOR COMMENT																																																																															

PRELIMINARY  
NOT FOR CONSTRUCTION





**ISO VIEW**  
SCALE 1 : 80

24 x M16 BOLTS  
Ø450 PCD  
N1

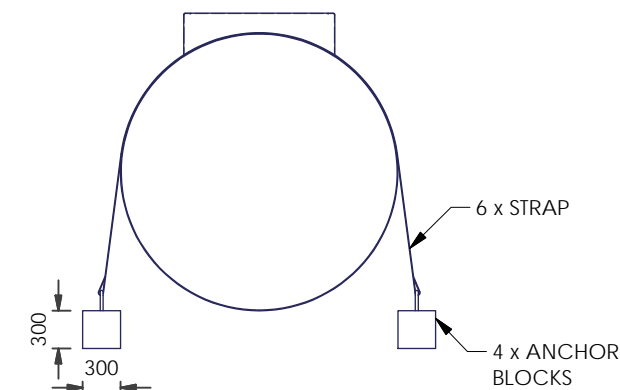
**GENERAL NOTES:**

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH PROJECT SPECIFICATION, OTHER DISCIPLINE DRAWINGS AND OTHER SUCH WRITTEN INSTRUCTIONS;
2. DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION UNTIL ISSUED AS "APPROVED FOR CONSTRUCTION";
3. TANKS DESIGNED & MANUFACTURED I.A.W.:AST1692  
:AST1940  
:STI PERMATANK

- TANK:**
- 1. TANK MASS: 5,200KG (APPROX)
  - 2. T1 - SFL = 15kL - MAX. CAPACITY = 15.8kL
  - 3. T2 - SFL = 28kL - MAX. CAPACITY = 30.1kL
  - 4. TANK MATERIAL: SHELL & ENDS: 6mm G250MS PLATE.
  - 5. DIP LINE DROD PIPE WITH PRESSURE EQUALIZER HOLE.
  - 6. OPERATING PRESSURE: ATMOSPHERIC.
  - 7. TANK AIR TEST TO 35kPa.
  - 8. MW FLANGES WILL BE 100mm OFF THE TOP OF TANK.
  - 9. DUST CAPS FITTED TO OPENINGS.

**SURFACE TREATMENT:**

1. TANK INTERNAL: CLEAN & DRY (MILL SCALE WILL EXIST)
2. TANK EXTERNAL: PERMA TANK STANDARD



NOZZLE SCHEDULE					
ITEM	QTY	LINE SIZE	TYPE	RATING	DESCRIPTION
N1	2	DN100	HALF SOCKET	BSP	FILL
N2	2	DN100	HALF SOCKET	BSP	SUCTION
N3	2	DN100	PHOENIX FLANGE	-	DIP- INTERNAL PIPE / DIPSTICK
N4	1	DN50	COUPLING	3000#	INTERSTITIAL - MONITOR
N5	2	DN100	HALF SOCKET	BSP	AUTOMATIC TANK GAUGING
N6	2	DN100	HALF SOCKET	BSP	VAPOUR RECOVERY
N7	2	DN100	HALF SOCKET	BSP	SPARE
N8	2	DN100	PHOENIX FLANGE	-	SPARE (LIFTING LUG)
MW	2	DN600	MANWAY	DRA STD	MANWAY

ITEM	QTY	LINE SIZE	TYPE	RATING	DESCRIPTION
N1	2	DN100	HALF SOCKET	BSP	FILL
N2	2	DN100	HALF SOCKET	BSP	SUCTION
N3	2	DN100	PHOENIX FLANGE	-	DIP- INTERNAL PIPE / DIPSTICK
N4	1	DN50	COUPLING	3000#	INTERSTITIAL - MONITOR
N5	2	DN100	HALF SOCKET	BSP	AUTOMATIC TANK GAUGING
N6	2	DN100	HALF SOCKET	BSP	VAPOUR RECOVERY
N7	2	DN100	HALF SOCKET	BSP	SPARE
N8	2	DN100	PHOENIX FLANGE	-	SPARE (LIFTING LUG)
MW	2	DN600	MANWAY	DRA STD	MANWAY

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DRAWN	S. Lam
U	
E	
	
	<p>ALL DIMENSIONS DO NOT SCALE</p>



TITLE: SHARK BAY FUELS  
NQPETRO  
T45 PERMATANK - DUAL COMP 15/30  
GENERAL ARRANGEMENT

A3

JOB No. T210811

DRAWING No.

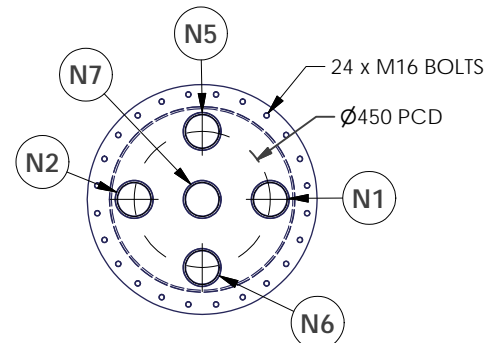
T210811-DR-101

SCALE  
1:60

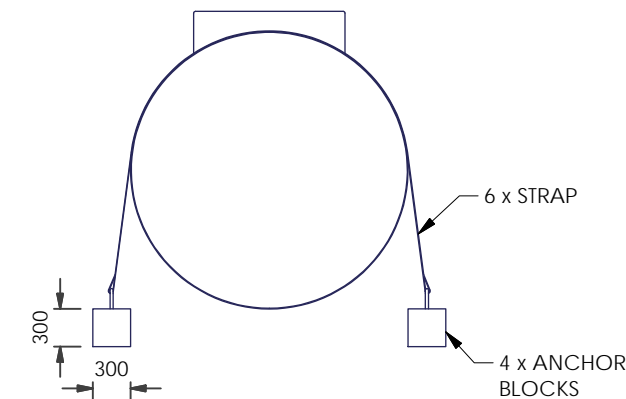
SHEET  
1 OF

1	REV A
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				A	ISSUED FOR REVIEW	06/09/2021	SL
DRG No	TITLE	DRG No	TITLE	REV	DESCRIPTION	DATE	DRAWN
REFERENCES				REVISION HISTORY			



**ISO VIEW**  
SCALE 1 : 80



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:AS1940  
:STI PERMATANK

4. WELDING I.A.W. AS 1544.1 GP
5. ALL WELDS TO BE CONTINUOUS U.N.O.
6. 100% VISUAL INSPECTION OF WELDS.
7. LIFTING CABLE MUST NOT EXCEED 30° BETWEEN VERTICAL & ONE SIDE.

TANK:

1. TANK MASS: 4,900KG (APPROX)
2. T3 - SFL = 43kL - MAX. CAPACITY = 45.9KL
3. TANK MATERIAL: SHELL & ENDS: 6mm G250MS PLATE.
4. DIP LINE DROP PIPE WITH PRESSURE EQUALIZER HOLE.
5. OPERATING PRESSURE: ATMOSPHERIC.
6. TANK AIR TEST TO 35KPa.
7. MW FLANGES WILL BE 100mm OFF THE TOP OF TANK.
8. DUST CAPS FITTED TO OPENINGS.

SURFACE TREATMENT:


1. TANK INTERNAL: CLEAN & DRY (MILL SCALE WILL EXIST)
2. TANK EXTERNAL: PERMA TANK STANDARD

## NOZZLE SCHEDULE

ITEM	QTY	LINE SIZE	TYPE	RATING	DESCRIPTION
N1	1	DN100	HALF SOCKET	BSP	FILL
N2	1	DN100	HALF SOCKET	BSP	SUCTION
N3	1	DN100	PHOENIX FLANGE	-	DIP- INTERNAL PIPE / DIPSTICK
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N8	2	DN100	PHOENIX FLANGE	-	SPARE (LIFTING LUG)
MW	1	DN600	MANWAY	DRA STD	MANWAY

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DRAWN S. Lam	DATE 2/09/2021
	
ALL DIMENSIONS IN mm U.N.O	

DRA TANK



TITLE: SHARK BAY FUELS  
NOQPETRO  
T45 PERMATANK - SINGLE COMP  
GENERAL ARRANGEMENT

A3

JOB No.	T210811
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DRAWING No.	
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DRAWING No. T210811-DR-201

SCALE  
1:60

SHEET  
1 OF 1

REV  
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