

STRASBURGER ENTERPRISES (PROPERTIES) PTY LTD
 T/AS MOBIL QUIX ST CLAIR
 SITE ID: 2277
 4 ENDEAVOUR AVENUE
 ST CLAIR NSW 2759
 NOTIFICATION NO: 35/0274.86
 MAP: UBD SYDNEY 185 N12

SITE SAFETY PLAN

REFER SHEET
 2 FOR NOTES

SHEET 1 OF 2

TVG: 06014-05 INSP. DATE: 04.10.10

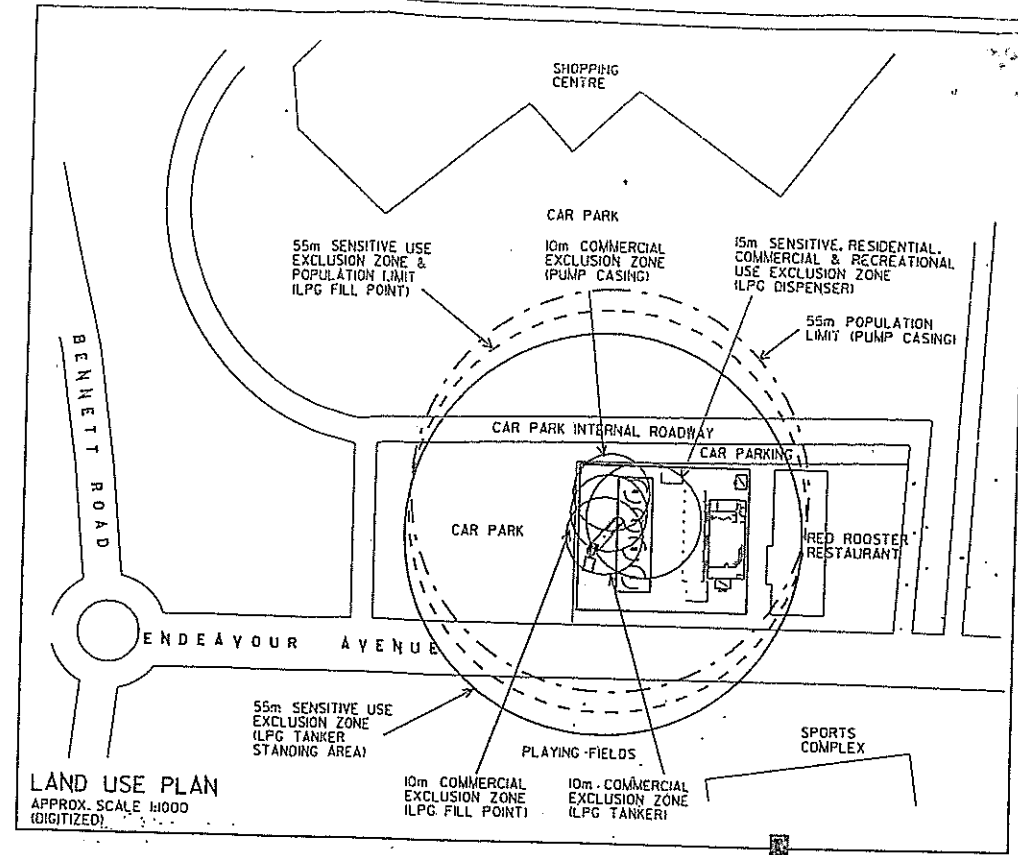
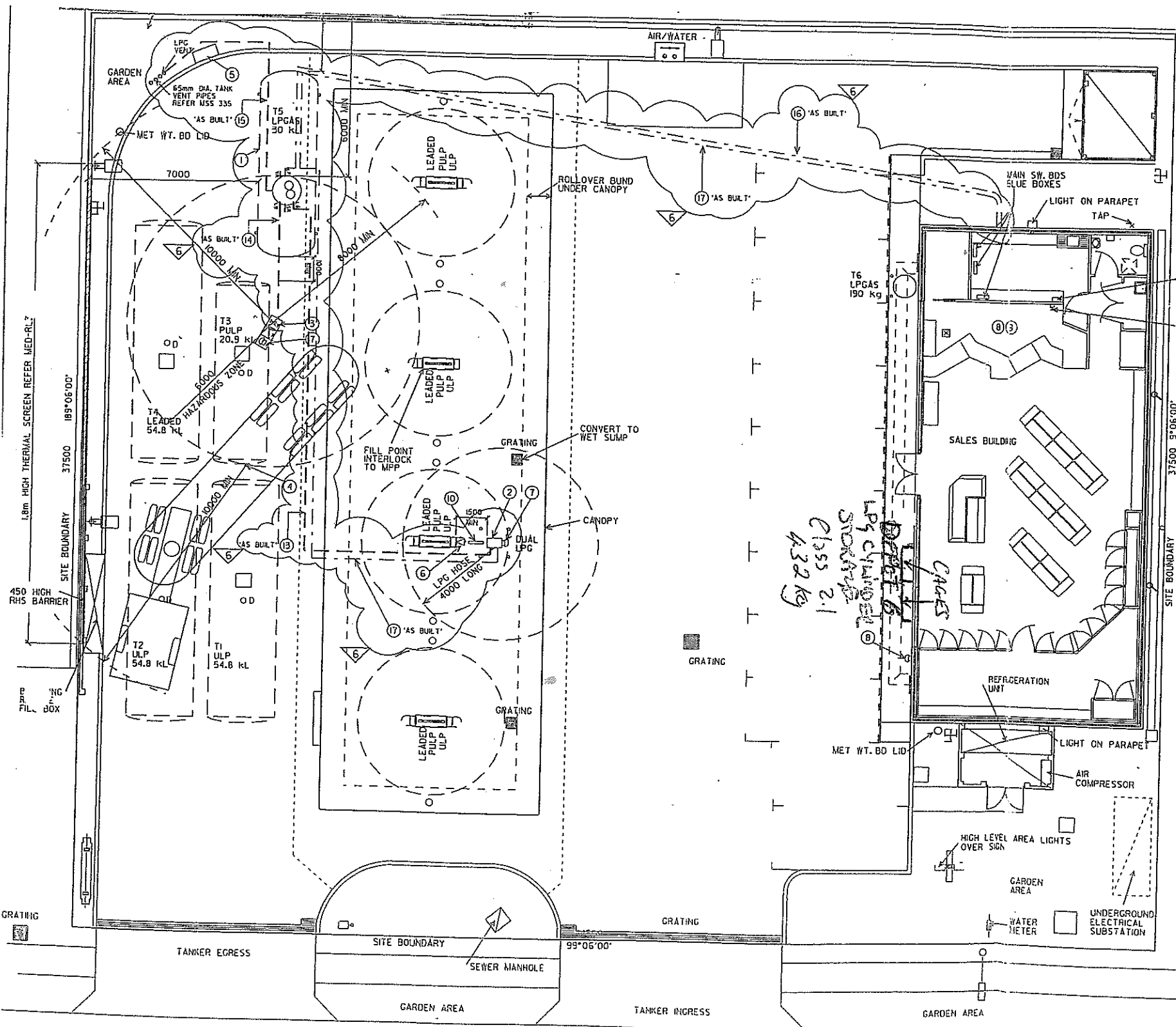
Report Title: G
 for (Quantity) 432kg
 of DG Class 2.1 and PG

as shown in this plan
 conforms with the Dangerous Goods Act 1978
 and Australian Standard(s) AS 1596 - 2007

Signature: *P. Buel* Date: 11/1/2015
 Name (printed): P. Buel

UTG LPG TANK AND PIPING ARE CATHODICALLY PROTECTED. MINIMUM SEPARATION BETWEEN TANK AND PIPING AND ALL METALLIC STRUCTURES AND OTHER METALLIC SERVICE CONDUITS IS TO BE 150mm.
 ALL WORKS SHALL COMPLY WITH AS1596-1997.
 ALL WORKS SHALL BE IN ACCORDANCE WITH SPECIFICATION MES-L002 ISSUE 5.
 IT IS LIKELY THAT EXISTING UNDERGROUND SERVICES WILL BE ENCOUNTERED DURING SITE WORKS. ALL CARE SHOULD BE EXERCISED WHILE EXCAVATING. SHOULD SERVICES BE LOCATED, THEY ARE TO BE PROTECTED FROM FURTHER DAMAGE.
 AIR AND WATER PRESSURE TO BE CHECKED ON COMMENCING SITE WORKS. IF PRESSURE IS INSUFFICIENT NOTIFY MOBIL ENGINEER.
 LOCATION OF ALL TRENCHING FOR PIPEWORK & CONDUITS TO BE DETERMINED ON SITE BY MOBIL ENGINEER.

- PAVEMENT IN TRENCHES MUST BE SAW-CUT PRIOR TO REMOVAL
- CONCRETE PAVEMENT TO BE REPLACED TO MED-RPOI
- PAIN AS REQUIRED TO MOBIL SPECIFICATIONS: IN DULUX GLOSS ENAMEL (W.P.O.)
 - DISPENSER BOLLARDS & CAPS - EGGSHELL WHITE
 - FIRE CABINET - GUNMETAL GREY (ALT. MATCH BUILDING IF AGAINST WALL)
 - 'LYSAGHT' FLEETRAM GUARDRAILS - 'BAHAMA BEIGE' (ALL SURFACES)
 - TANK VENT PIPE - 'GUNMETAL GREY' (ALT. MATCH BUILDING IF AGAINST WALL)



LEGEND - LPG INSTALLATION

- 30 KL UNDERGROUND STORAGE TANK INSTALLATION MED-RL26 P & ID MED-RL28.
- LPG DISPENSER & BOLLARDS REFER MED-RL15
- REMOTE UNDERGROUND LPG FILL BOX (WET FILL SYSTEM ONLY) REFER MED-RL14
- LPG TANKER UNLOADING POSITION - 100mm DIA. 'AUTOGAS TRUCK' MARKER ON DRIVEWAY. POSITIONED ON VESSEL CENTRE WITH ARROW IN DIRECTION OF TRAVEL. REFER MED-RL01 G2.
- 36 METER 25mm HOSE REEL IN CABINET TO FIRE BRIGADE AND AS2441 REQUIREMENTS (MIN 20L/MIN). REFER MED-RL01 E AND MED-RL16.
- 9 kg DRY CHEMICAL FIRE EXTINGUISHER MOUNTED TO COLUMN OR BOLLARD NEAR LPG DISPENSER. REFER MED-RL01 ELEV. 2 & 3.
- EMERGENCY STOP PUSH BUTTON (FLAMEPROOF). SIGN - 'EMERGENCY STOP-PUSH' REFER MED-RL01 VIEW C, ELEV. 2&3.
- EMERGENCY STOP PUSH BUTTON (NON-FLAMEPROOF) SIGN - 'EMERGENCY STOP-PUSH' & 'EMERGENCY PROCEDURE' REFER MED-RL01 C & D AND ELEV. 1.
- EMERGENCY SHUTDOWN RESET CONTROL AT CONSOLE AREA.
- FILLING INSTRUCTIONS SIGN & FRAME REFER MED-RL01 A, ELEV. 3.

LEGEND - LPG PIPING & SERVICES (MED-RL16)

- BETWEEN TANK & DISPENSERS
 - 32 DIA. LIQUID WITHDRAWAL (SCHED. 80)
 - 20 DIA. VAPOUR RETURN (SCHED. 80)
 - 25 DIA. GALV. CONDUIT CONTAINING: 2 x 6 DIA. NYLON AIR LINES.
- BETWEEN TANK & REMOTE FILL
 - 50 DIA. LIQUID FILL (SCHED. 80)
 - 80 DIA. CLASS 12 UPVC VENTILATION INTAKE CONTAINING: 6 DIA. SS PRESSURE TUBING ULLAGE LINE (CONTINUOUS - NO JOINTS UNDERGROUND) 2 x 6 DIA. NYLON AIR LINE. 4 C+E 1.5mm² PVC/SWA/PVC CABLE
- BETWEEN TANK & VENT
 - 80 DIA. CLASS 12 UPVC SAFETY RELIEF LINE & MED. GALV. VENT PIPE (SCHED 40) TO 3000 ABOVE GROUND LEVEL OR 2000 ABOVE ROOF LINE.
 - 80 DIA. CLASS 12 UPVC VENTILATION OFFTAKE & VENTILATOR SYSTEM.
- BETWEEN TANK & SALES BUILDING
 - 32 DIA. GALV. CONDUIT CONTAINING: 12 C+E 2.5mm² PVC/PVC CABLE. 12 DIA. NYLEX NYLON 11 (BMP) AIR LINE. (CONTINUOUS - NO JOINTS UNDERGROUND) FROM AIR COMPRESSOR (DIRECT BURIED).
- BETWEEN DISPENSERS & SALES BUILDING
 - 25 DIA. GALV. CONDUIT CONTAINING: 10 C+E 1.5mm² PVC/PVC CABLE.

AS BUILT

FIGURED DIMENSIONS TO BE USED IN PREFERENCE TO SCALED DIMENSIONS
 DIMENSIONS ARE IN METRES
 CONTRACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB

MUST NOT BE REPRODUCED BEFORE CONTACTING H/O ENG. FOR LATEST ISSUE

© COPYRIGHT MOBIL OIL AUSTRALIA INC 004052984 NOT TO BE REPRODUCED WITHOUT PERMISSION

6	ADDED TO 'AS BUILT' ETS 2541. CURRENT 9/98	BMP	2.8.99	BJV	DRAWN	AJC	11.8.97
5	UPDATED NOTES FOR GALV. CONDUITS	GCP	21.8.98	BJV	CHECKED	LED	5.12.97
4	ADDITIONAL SITE INFORMATION ADDED - ENDORSED TO AS1596	AJC	20.3.96	BJV	APPROVED	BJV	8.12.97
3	ADDITIONAL SITE INFORMATION ADDED	APP	19.3.90	BJV	APPROVED	BJV	8.12.97
2	RELOCATED LPG FACILITIES & NEW TANKER PATH	BMP	26.2.98	BJV	DRAWN	DATE	APPR.
1	ISSUE						

LPG INSTALLATION FOR QUIX FOOD STORE CNR ENDEAVOUR ROAD & BENNETT ROAD ST. CLAIR, NSW

DRAWING No. 79062 ISSUE 6

027486

04-440

Depot (Title) Oil Under Store (Susp 860)
 for (Quantity) 100%
 of DG Class 2.1 as shown in this plan conforms with the Dangerous Goods Act 1975 and Australian Standard AS 1596 - 2002
 Signature: [Signature] Date: 16/12/04
 Name (print) Pauls Kothige
 Note: Operators responsibility to ensure that signs and labeling comply with above

- NOTES**
- EXISTING UNDERGROUND SERVICES ON THIS DRAWING OBTAINED USING NONDESTRUCTIVE METHOD AS PER MEM-72.
 - THIS METHOD DOES NOT GUARANTEE ALL SERVICES ARE LOCATED AS THE SERVICE MUST BE EXPOSED AND ACCESSIBLE, AND PVC/REINFORCED CONCRETE LIT NOT DETECTABLE.
 - LOCATION OF REBELLIOUS SERVICES OR CROSSING OF SERVICES MAY RESULT IN UNEXPECTED DETECTION - CARE REQUIRED AT ALL AREAS WHERE SERVICES ARE CONCENTRATED.
 - REFER TO COLOURED UNDERGROUND SERVICE LEGEND FOR IDENTIFICATION OF ALL EXISTING SERVICES.
 - NEW 'AS BUILT' SERVICES WILL BE SHOWN AS SUCH. ANY SERVICES NOT COLOURED COULD HAVE NOT BEEN LOCATED AND CANNOT BE REBUILT.

#121

EXCAVATION RISK LEVEL LEGEND			
RISK LEVEL	SERVICE	DEPTH INDICATION (METRE OF SERVICE)	RESTRICTIONS
LEVEL 1	HAZARD POWER CABLE INCLUDING SW, MARS & HV	REFER TO MARKING ONLY	MUST ISOLATE MARKS PRIOR TO CUTTING - UNLESS 100% PROTECTED FROM MARKED SERVICE
LEVEL 2	PRODUCT PIPELINES & REVENY CONDUIT CABLES TO TANKS AND RECEPTACLES	MARKED 'EXTREMELY SHALLOW'	NO-DIG ZONE CAREFUL JACKHAMMER.
LEVEL 3	NON-ESSENTIAL SERVICES	MARKED LESS THAN 250mm	HOW DEEPER CUT THEN JACKHAMMER.
		NOT MARKED OTHER 250mm	200mm MAXIMUM CUT.

WARNINGS

- ALL CONCRETE CUTTING, DRILLING & EXCAVATING REQUIRES A NOISE, HOT WORK PERMIT. USE SERVICE RESTRICTIONS ABOVE.
- IF WORKING ON GROUND:
 - CONTINUE CUTTING/DRILLING TO NEW-FID.
 - EXCAVATING TO NEW-FID.
 - ISOLATE ALL ELECTRICS WITHIN 10MTR OF WORK TO NEW-FID.
 - IF NO MARKING ON GROUND.
- IF NO MARKING ON GROUND:
 - ONLY USE THE DRAWING AT FULL SCALE.
 - NEVER CUT/EXCAVATE WITHIN 10MTR OF MARKS (LEVEL 1).
 - USE PROCEDURES IN 12 ABOVE PROVIDER NO CUTTING/EXCAVATING ACROSS OR WITHIN 10MTR OF SHOWN SERVICES.
 - REFER LOCAL ENGINEER FOR SPECIAL ISOLATION PROCEDURES IF CROSSING ANY SHOWN SERVICES.

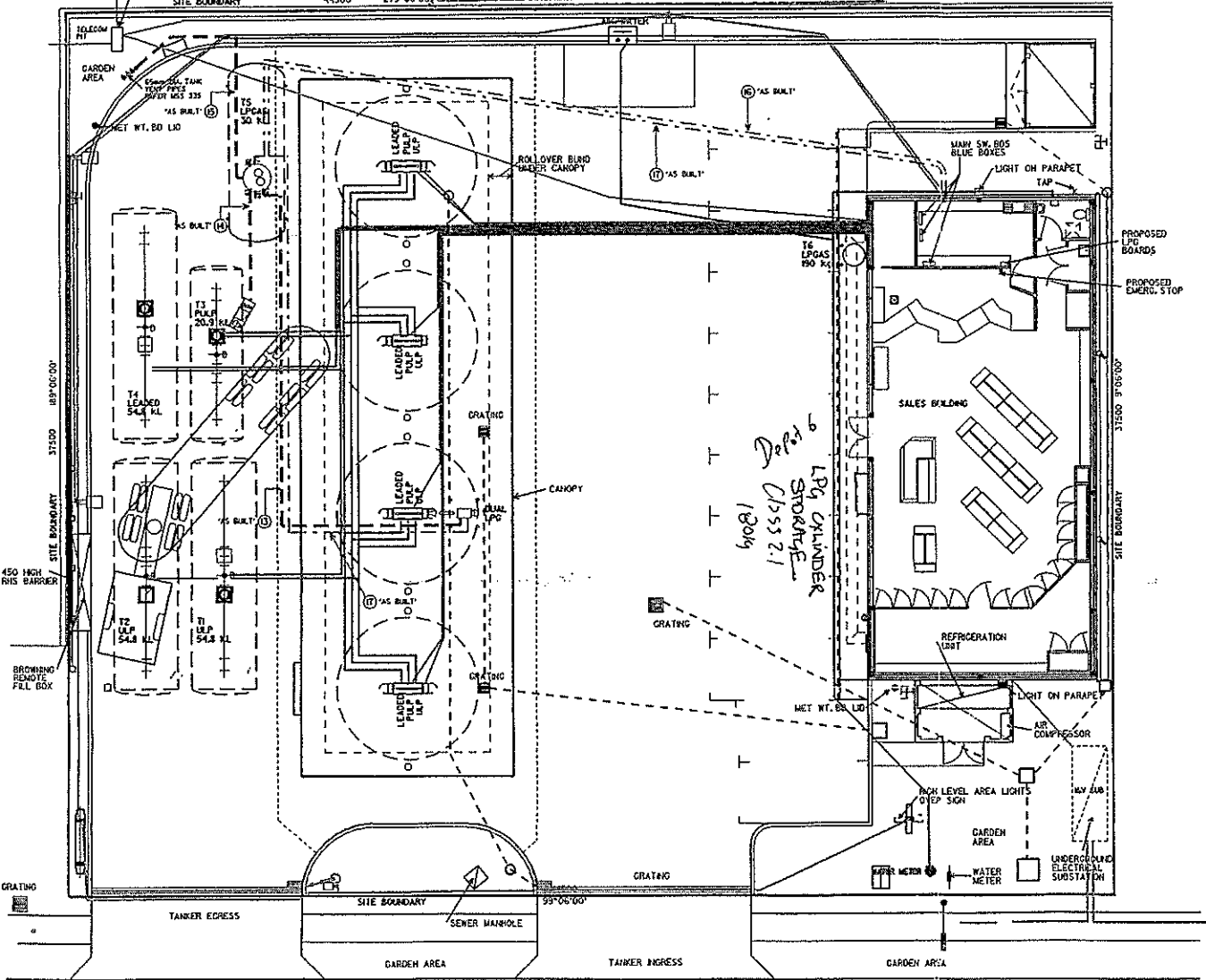
EXISTING UNDERGROUND SERVICE LEGEND	
[Symbol]	ELECTRICAL & COMM
[Symbol]	PRODUCT LINES - FUEL & LPG
[Symbol]	VENT
[Symbol]	WATER
[Symbol]	AIR
[Symbol]	TELECOM
[Symbol]	WASTE OIL
[Symbol]	NATURAL GAS
[Symbol]	STORMWATER, SEWER
[Symbol]	* DASHED LINES

TAKEN FROM SURVEY DRAWING BY LES COOK 27/ 3/98.

LEGEND - LPG PIPING & SERVICES (MED-RL16)

- ⑬ BETWEEN TANK & DISPENSERS
 - 32 DIA. LIQUID INTAKE/RAIL (SCHD. 80)
 - 20 DIA. VAPOUR RETURN (SCHD. 80)
 - 25 DIA. GALV. COHEAT CONTAINING 2 x 6 DIA. NYLON AIR LINES.
- ⑭ BETWEEN TANK & REMOTE FILL
 - 50 DIA. LIQUID FILL (SCHD. 80)
 - 80 DIA. CLASS 12 LPVC VENTILATION INTAKE CONTAINING:
 - 6 DIA. SS PRESSURE TUBING ULLAGE LINE (CONTINUOUS - NO JOINTS UNDERGROUND)
 - 2 x 6 DIA. NYLON AIR LINE
 - 4 C+E 1.5mm² PVC/SWA/PVC CABLE
- ⑮ BETWEEN TANK & VENT
 - 80 DIA. CLASS 12 LPVC SAFETY RELIEF LINE & MED. GALV. VENT PIPE (SCHD. 80) TO 3000 ABOVE GROUND LEVEL OR 2000 ABOVE ROOF LINE.
 - 80 DIA. CLASS 12 LPVC VENTILATION OFFTAKE & VENTILATOR SYSTEM.
- ⑯ BETWEEN TANK & SALES BUILDING
 - 32 DIA. GALV. COHEAT CONTAINING:
 - 12 C+E 2.5mm² PVC/PVC CABLE.
 - 12 DIA. NYLON NYLON (HBMPO) AIR LINE (CONTINUOUS - NO JOINTS UNDERGROUND) FROM AIR COMPRESSOR (DIRECT BURIED).
- ⑰ BETWEEN DISPENSERS & SALES BUILDING
 - 25 DIA. GALV. COHEAT CONTAINING:
 - 10 C+E 1.5mm² PVC/PVC CABLE.

AS BUILT



ENDEAVOUR AVENUE

A3 SIZE FOR INTERNAL USE ONLY

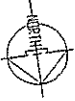
SHOWN DIMENSIONS TO BE USED IN PREFERENCE TO SCALED DIMENSIONS
 DIMENSIONS ARE IN METRES
 CONTRACTOR MUST USE DIMENSIONS ON THE 2D

THIS PLAN IS NOT TO BE REPRODUCED WITHOUT PERMISSION
 COPYRIGHT 2004 OF ASSOCIATION FOR QUANTITY SURVEYORS
 NOT TO BE REPRODUCED WITHOUT PERMISSION

NO.	DATE	BY	DESCRIPTION
1	2.3.98	JAC	DRAWN
2	2.8.99	JAC	CHECKED
3	12.2.99	BUY	APPROVED
4			AMENDED TO 'AS BUILT' LPG & ETS 25% CURRENT 3/98
5			SCALE 1:1000

PIPE & SERVICES PLAN S/S NO. 13 3572 CNR ENDEAVOUR ROAD & BIRRETT ROAD ST. CLAIR, NSW	Mobil DRAWING NO. 79245 DSP 0
--	---

35/027486





DEPOT No.4
UNDERGROUND TANK
PRODUCT PETROL
CLASS 3 PG II
54,800 LITRES

DEPOT No.3
UNDERGROUND TANK
PRODUCT PETROL
CLASS 3 PG II
20,900 LITRES

DEPOT No.5
UNDERGROUND TANK
PRODUCT LP.GAS
CLASS 2.1
30,000 LITRES

LEGEND

 36M X 20 N. B.
HOSE REEL &
WATER PROOF
LOCKABLE
CABINET

 9KG DRY
CHEMICAL
FIRE
EXTINGUISHER

 EMERGENCY
STOP
BUTTON

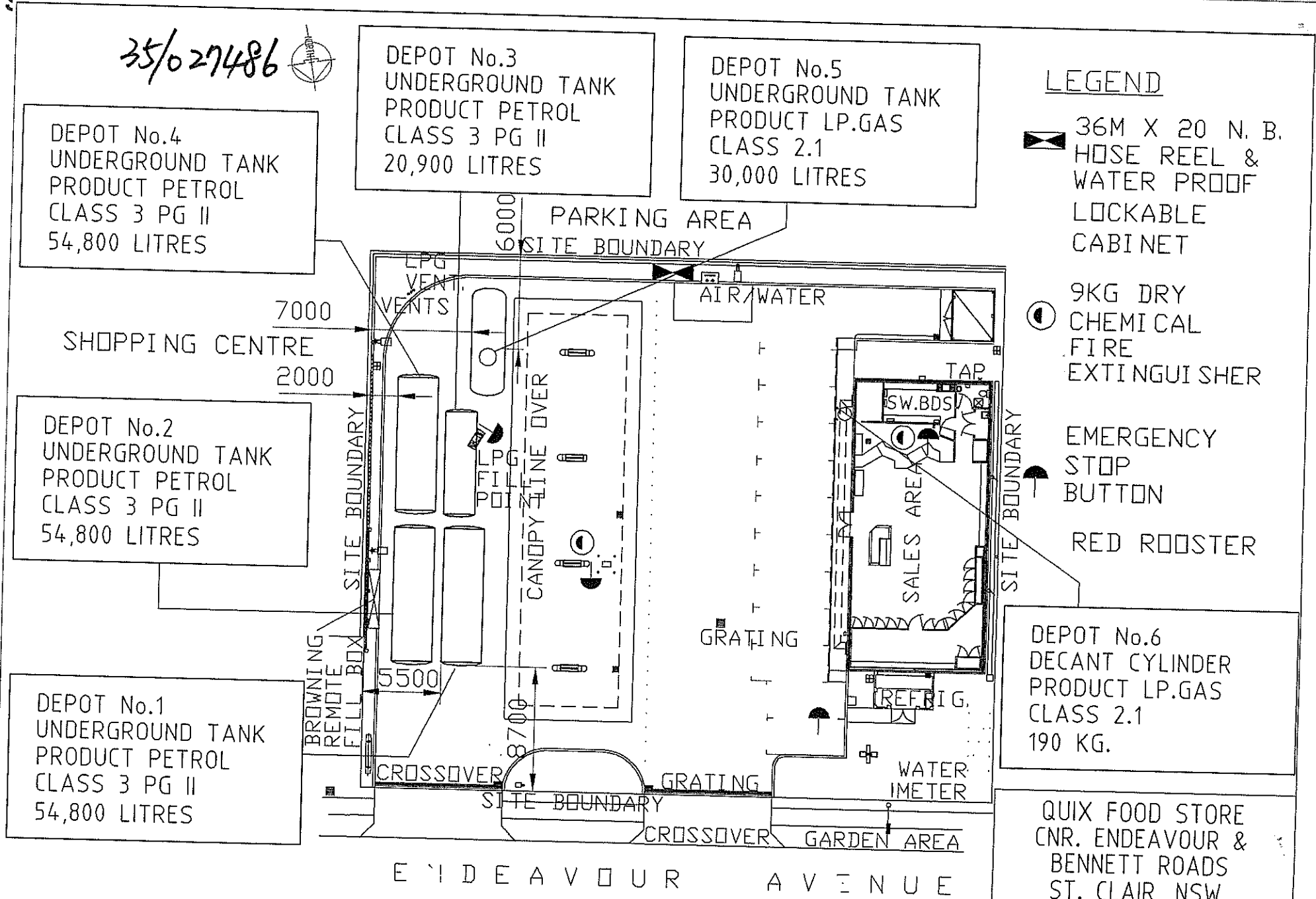
 RED ROOSTER

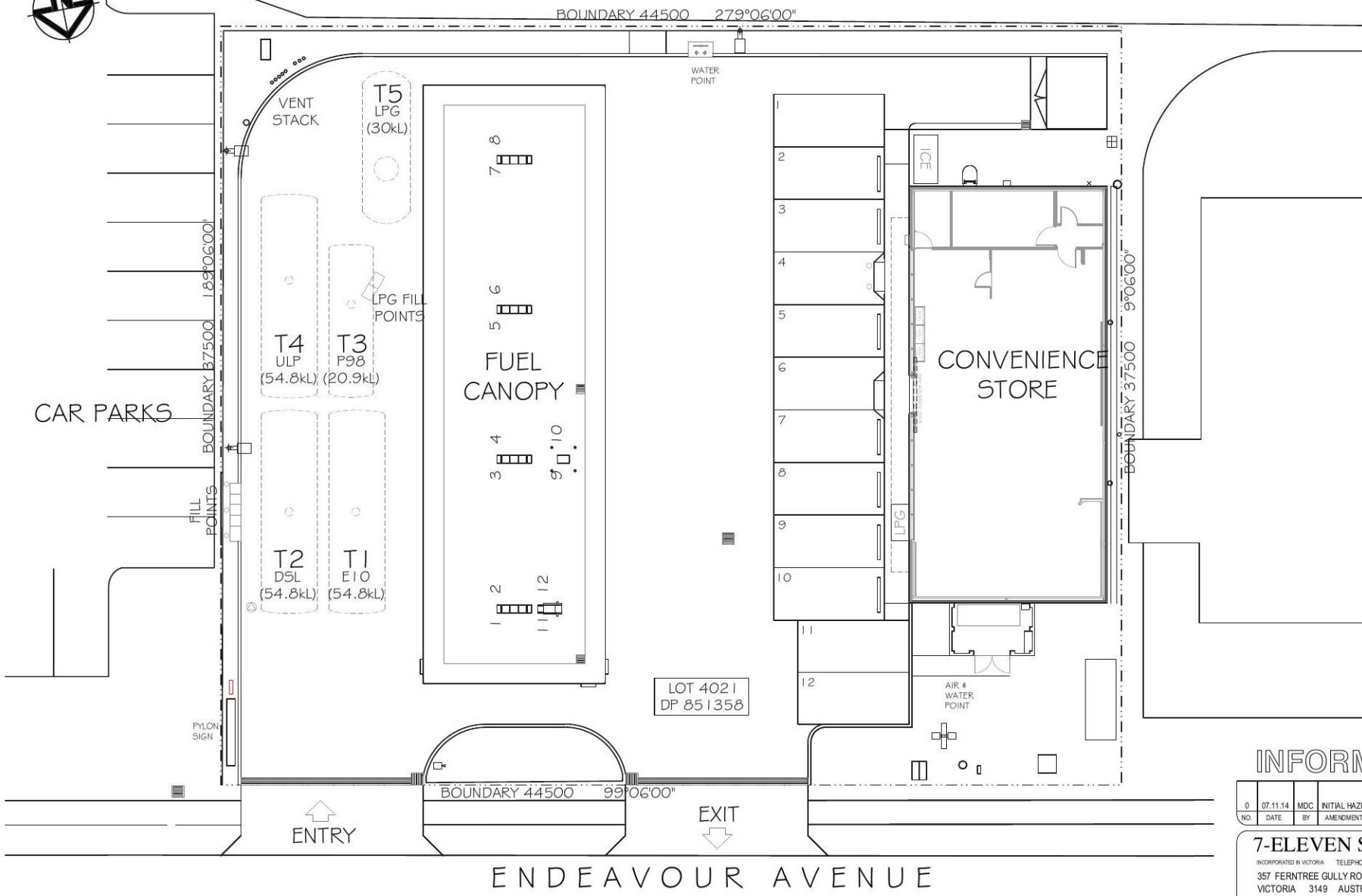
DEPOT No.6
DECANT CYLINDER
PRODUCT LP.GAS
CLASS 2.1
190 KG.

QUIX FOOD STORE
CNR. ENDEAVOUR &
BENNETT ROADS
ST. CLAIR, NSW.

DANGEROUS GOODS PLAN

PART B See page 3 of the Guidance Notes





INFORMATION ISSUE

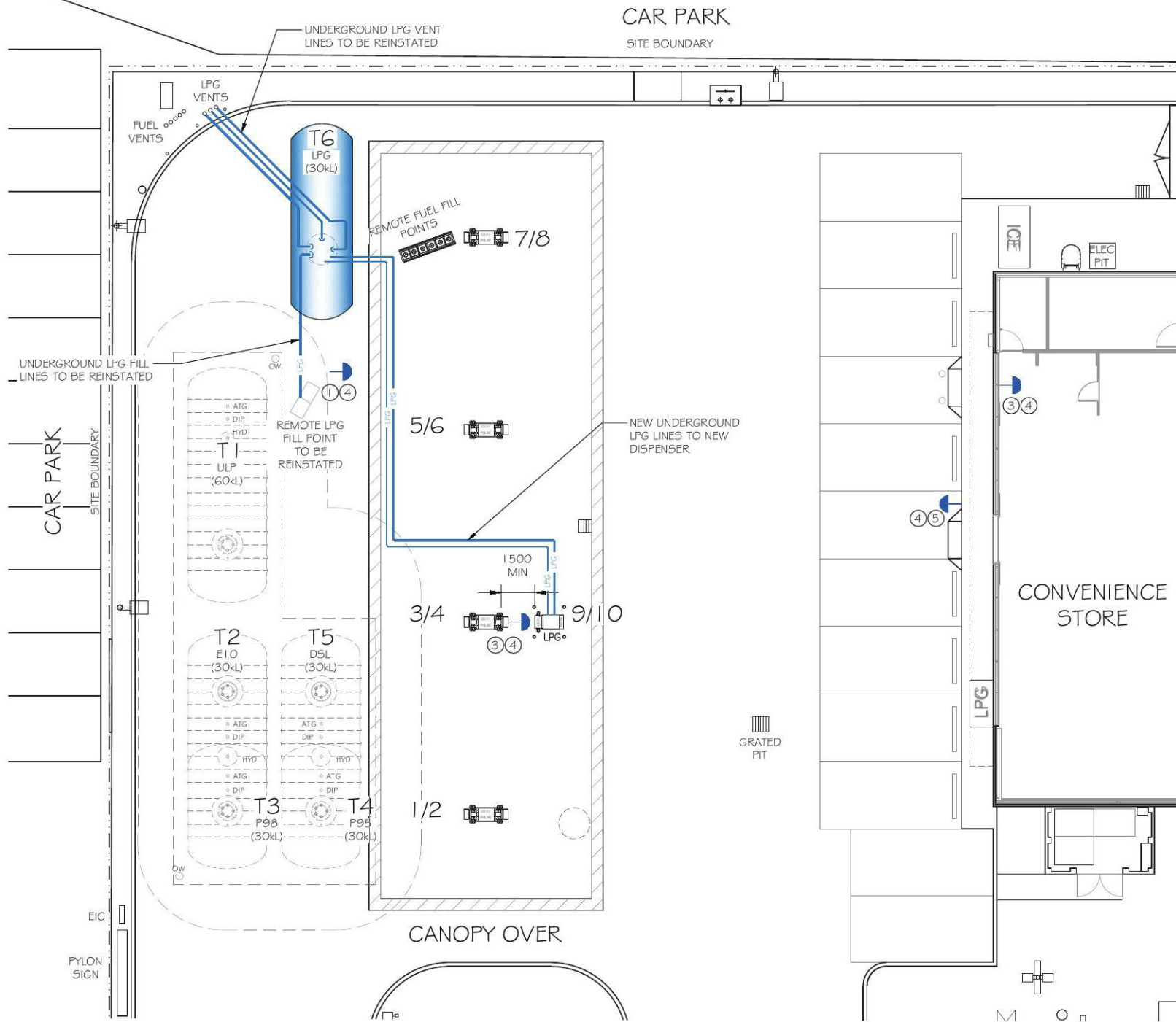
0	07.11.14	MDC	INITIAL HAZKEM ISSUE	APPROVED
NO.	DATE	BY	AMENDMENT	

7-ELEVEN STORES PTY LTD
INCORPORATED IN VICTORIA TELEPHONE (03) 9541 0711 FAX (03) 9541 0792
 357 FERNTREE GULLY ROAD MOUNT WAVERLEY
 VICTORIA 3149 AUSTRALIA



DATE CREATED 07.11.14	PROJECT SERVICE STATION AT LOT 4021 DP 851358 4 ENDEAVOUR AVE ST CLAIR, NSW, 2759		
DRAWN BY M. CLARKSON	TITLE EXISTING CONDITIONS PLAN		
CHECKED BY	SHEET	SHEET SIZE A3	REVISION NO. 0
APPROVAL FOR ISSUE	DRAWING NO. HAZ-1905-A01		
SCALE 1:200 (A3)	DATE PLOTTED		

EXISTING SITE PLAN
 SCALE 1:200 (A3)



NOTES:

1. DISPENSER AREA TO BE LEVEL AND PAVED.
2. EMERGENCY STOP MAX 10m FROM TANK FILL POINT.
3. NO UNDERGROUND DRAIN ENTRY POINT TO BE WITHIN 3m OF TANK FILL POINT.
4. INSTALLATION TO CONFORM WITH AS/NZS 1596-2014 & AS/NZS 60079.10.1-2009 AS APPROPRIATE.

SIGNS

- 1 FLAMMABLE GAS, NO SMOKING, NO FLAME
- 2 PRECAUTIONARY SIGN - "STOP ENGINE - NO SMOKING"
- 3 DRIVER INSTRUCTIONS PLACED IN DISPENSER AREA
- 4 EMERGENCY STOP & OPERATING INSTRUCTIONS
- 5 EMERGENCY PROCEDURE
- 6 HAZCHEM SIGN

INFORMATION ISSUE

NO.	DATE	BY	AMENDMENT	APPROVED
1	19.11.14	MDC	TANK DIAMETERS CHANGED TO 3.0m	
0	07.11.14	MDC	INITIAL HAZKEM ISSUE	

7-ELEVEN STORES PTY LTD
INCORPORATED IN VICTORIA TELEPHONE (03) 9541 0711 FAX (03) 9541 0792
 357 FERNTREE GULLY ROAD MOUNT WAVERLEY
 VICTORIA 3149 AUSTRALIA



DATE CREATED 07.11.14	PROJECT SERVICE STATION AT LOT 4021 DP 851358 4 ENDEAVOUR AVE ST CLAIR, NSW, 2759
DRAWN BY M. CLARKSON	TITLE LPG SYSTEM LAYOUT
CHECKED BY	SHEET A3
APPROVAL FOR ISSUE	DRAWING NO. HAZ-1905-G01
SCALE 1:150 (A3)	REVISION NO. 1
DATE PLOTTED	



55m SENSITIVE USE EXCLUSION ZONE (LPG TANKER STANDING AREA)

15m RESIDENTIAL & 10m COMMERCIAL EXCLUSION ZONES FROM TANKER STANDING AREA.

ST CLAIR SHOPPING CENTRE

55m SENSITIVE USE EXCLUSION ZONE & POPULATION LIMIT (LPG FILL POINT)

15m RESIDENTIAL & 10m COMMERCIAL EXCLUSION ZONES FROM LPG FILL POINT

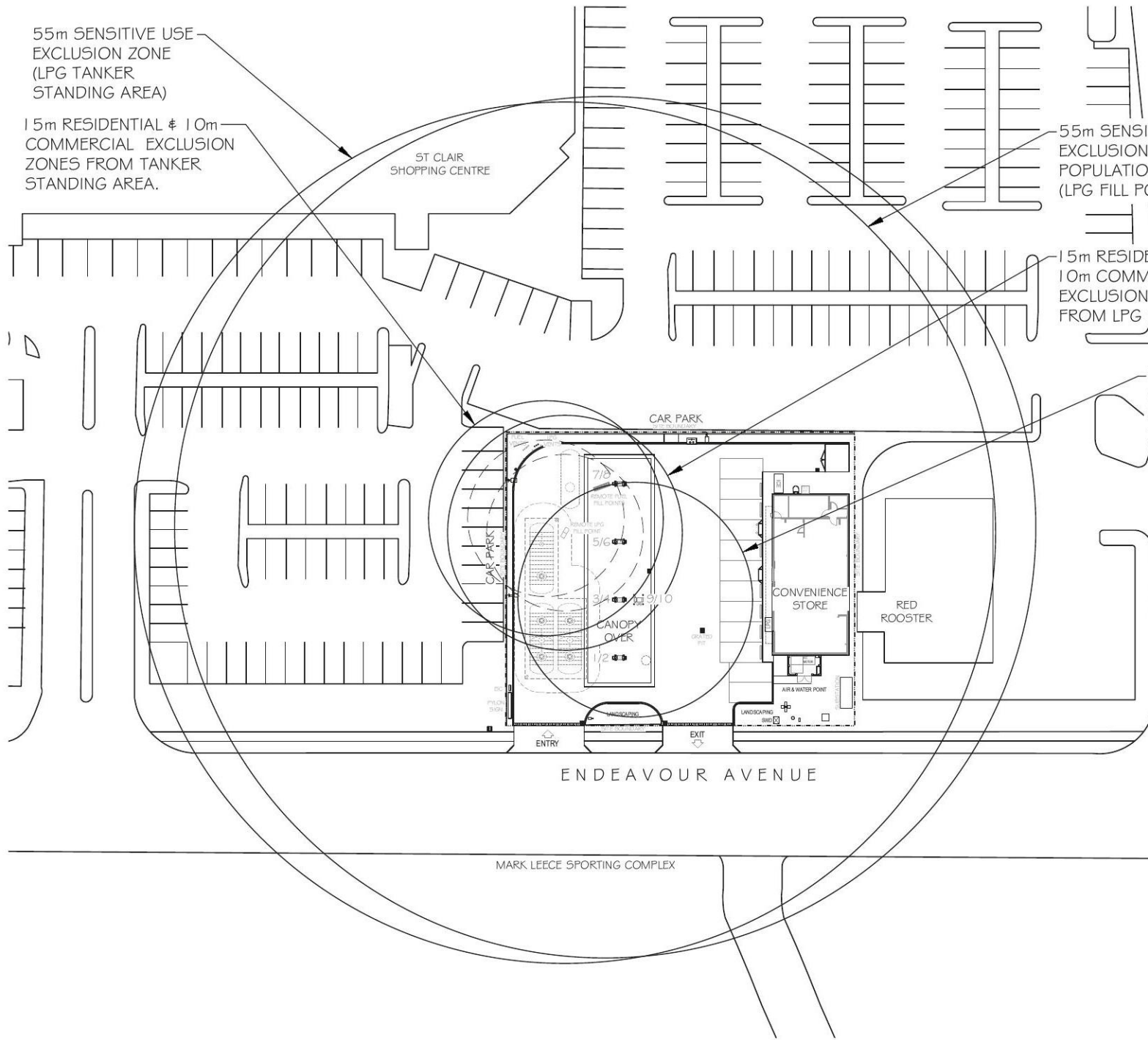
15m SENSITIVE, RESIDENTIAL, COMMERCIAL & RECREATIONAL USE EXCLUSION ZONE (LPG DISPENSER)

ST CLAIR HIGH SCHOOL

BOTANY LANE

ENDEAVOUR AVENUE

MARK LEECE SPORTING COMPLEX



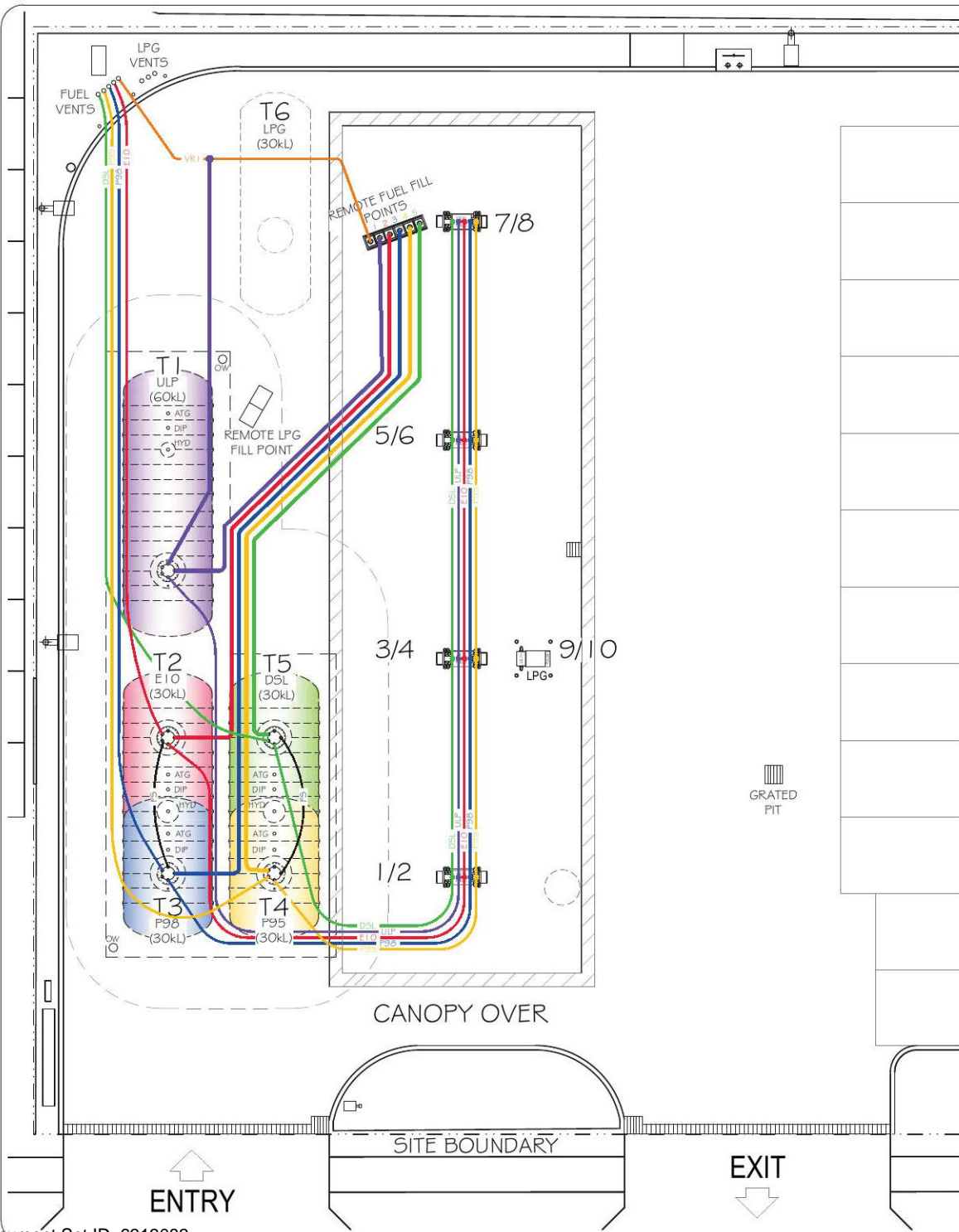
INFORMATION ISSUE

1	19.11.14	MDC	TANK DIAMETERS CHANGED TO 3.0m	
0	07.11.14	MDC	INITIAL HAZKEM ISSUE	
NO.	DATE	BY	AMENDMENT	APPROVED

7-ELEVEN STORES PTY LTD
INCORPORATED IN VICTORIA TELEPHONE (03) 9541 0711 FAX (03) 9541 0792
 357 FERNTREE GULLY ROAD MOUNT WAVERLEY
 VICTORIA 3149 AUSTRALIA



DATE CREATED 07.11.14	PROJECT SERVICE STATION AT LOT 4021 DP 851358 4 ENDEAVOUR AVE ST CLAIR, NSW, 2759
DRAWN BY M. CLARKSON	TITLE POPULATION & EXCLUSION ZONES
CHECKED BY	SHEET A3
APPROVAL FOR ISSUE	DRAWING NO. HAZ-1905-G02
SCALE 1:500 (A3)	REVISION NO. 1
DATE PLOTTED	



TANK SCHEDULE

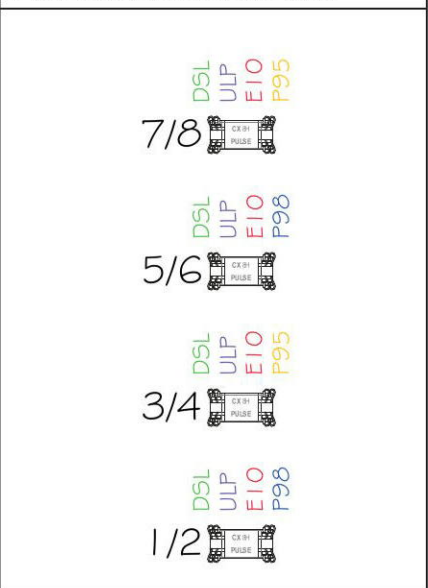
TANK No	TANK SIZE	TANK MODEL	SUB-PUMP	PRODUCT	FEEDS DISPENSER
T1	60,000LT	ENVIROTANK DWT 60	*FEP 1.5HP	ULP	1/2, 3/4, 5/6, 7/8
T2	30,000LT	ENVIROTANK DWT 30/30	*FEP 1.5HP	E10	1/2, 3/4, 5/6, 7/8
T3	30,000LT	ENVIROTANK DWT 30/30	*FEP 1.5HP	P98	1/2, 5/6
T4	30,000LT	ENVIROTANK DWT 30/30	*FEP 1.5HP	P95	3/4, 7/8
T5	30,000LT	ENVIROTANK DWT 30/30	*FEP 1.5HP	D5L	1/2, 3/4, 5/6, 7/8
T6	30,000LT	EXISTING LPG VESSEL		LPG	9/10

DISPENSER SCHEDULE

PUMP DISPENSER NO.	PRODUCT
D 1/2	GALLAGHER PULSE CX (8 HOSE) ULP, E10, D5L, P98
D 3/4	GALLAGHER PULSE CX (8 HOSE) ULP, E10, D5L, P95
D 5/6	GALLAGHER PULSE CX (8 HOSE) ULP, E10, D5L, P98
D 7/8	GALLAGHER PULSE CX (8 HOSE) ULP, E10, D5L, P95
D 9/10	GALLAGHER PULSE L5 (2 HOSE) LPG

*FEP PUMP CAPACITY TO BE CONFIRMED BY 7-ELEVEN ENGINEER

DISPENSER SCHEDULE



LEGEND

- PRESSURE LINES- G3nb
- DOUBLE CONTAINED NUPI
- VENT LINES
- VR1 - VAPOUR RECOVERY- 75nb LINED NUPI
- VR2 - SECONDARY VAPOUR RECOVERY- 63nb LINED NUPI
- FILL LINES- 110nb
- LINED NUPI
- FUTURE SYPHON LINES- 63nb (NOT CONNECTED)
- DOUBLE CONTAINED NUPI
- F5 - FUTURE SYPHON LINES - CAPPED OFF
- ATG - AUTOMATIC TANK GAUGE
- OW - OBSERVATION WELL
- HYD - HYDROGUARD

INFORMATION ISSUE

NO.	DATE	BY	AMENDMENT	APPROVED
1	18.11.14	MDC	TANK DIAMETERS CHANGED TO 3.0m	
0	07.11.14	MDC	INITIAL HAZKEM ISSUE	

7-ELEVEN STORES PTY LTD
 INCORPORATED IN VICTORIA TELEPHONE (03) 9541 0711 FAX (03) 9541 0792
 357 FERNTREE GULLY ROAD MOUNT WAVERLEY
 VICTORIA 3149 AUSTRALIA



DATE CREATED	PROJECT
07.11.14	SERVICE STATION AT LOT 4021 DP 851358
DRAWN BY	4 ENDEAVOUR AVE
M. CLARKSON	ST CLAIR, NSW, 2759
CHECKED BY	TITLE
	FUEL SYSTEM LAYOUT
APPROVAL FOR ISSUE	SHEET
	A3
SCALE	DRAWING NO.
1:150 (A3)	HAZ-1905-T01
DATE PLOTTED	REVISION NO.
	1

7-ELEVEN SERVICE STATION

4 ENDEAVOUR AVE

ST CLAIR, NSW, 2759

SITE SPECIFIC DRAWINGS

DWG. No.	Rev.	DRAWING TITLE
HAZ-1905	-	DRAWING LIST
HAZ-1905-S01	0	GENERAL NOTES
HAZ-1905-A01	1	EXISTING CONDITIONS PLAN
HAZ-1905-A02	0	DEMOLITION PLAN
HAZ-1905-A03	2	PROPOSED SITE PLAN
HAZ-1905-A04	2	TANKER PATH LAYOUT
HAZ-1905-A05	2	EROSION & SEDIMENT CONTROL PLAN
HAZ-1905-G01	2	LPG SYSTEM LAYOUT
HAZ-1905-G02	1	POPULATION & EXCLUSION ZONES
HAZ-1905-T01	2	FUEL SYSTEM LAYOUT
HAZ-1905-E01	2	ELECTRICAL CONDUIT LAYOUT
HAZ-1905-H01	1	FORECOURT DRAINAGE LAYOUT
HAZ-1905-C01	2	CONCRETE REPLACEMENT PLAN
HAZ-1905-HZ01	2	HAZARDOUS AREA LAYOUT

INFORMATION ISSUE

NO.	DATE	BY	AMENDMENT	APPROVED

7-ELEVEN STORES PTY LTD
INCORPORATED IN VICTORIA TELEPHONE (03) 9541 0711 FAX (03) 9541 0782
357 FERNTREE GULLY ROAD MOUNT WAVERLEY
VICTORIA 3149 AUSTRALIA



DATE CREATED 07.11.14	PROJECT SERVICE STATION AT LOT 4021 DP 851358 4 ENDEAVOUR AVE ST CLAIR, NSW, 2759		
DRAWN BY M. CLARKSON	TITLE DRAWING LIST		
CHECKED BY			
APPROVAL FOR ISSUE			
SCALE NTS	SHEET 	SHEET SIZE A3	DRAWING No. HAZ-1905
DATE PLOTTED			REVISION NO.

NOTES

①

GENERAL

THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH:
7ELEVEN STORES SPECIFICATION & THE DESIGN & INSTALLATION OF UPSS"

②

TANK PIT - EXCAVATION

. DEWATERING & TEMPORARY SHORING MAY BE REQUIRED DURING TANK EXCAVATION/INSTALLATION. REFER TO GEOTECHNICAL REPORT FOR SHORING AND ADDITIONAL GEOTECHNICAL PROTECTIVE MEASURES TO BE ADOPTED.
. SHORING WILL BE REQUIRED, REGARDLESS OF GEOTECHNICAL RECOMMENDATIONS, WHERE EXCAVATION ENCROACHES INTO ADJOINING PROPERTIES OR MAY INTERFERE WITH EXISTING FOOTINGS OR FOUNDATIONS.
. SHORING IS TO BE DESIGNED AT CONTRACTOR'S COST BY A CHARTERED CIVIL ENGINEER AND SUBMITTED TO THE CONSTRUCTION MANAGER FOR APPROVAL PRIOR TO COMMENCEMENT OF EARTHWORKS.
. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL EXISTING SERVICES PRIOR TO EXCAVATION.
. PROTECTION OF ALL SERVICES & COUNCIL PROPERTY IS THE RESPONSIBILITY OF THE CONTRACTOR. ALL DAMAGE TO OFF-SITE PROPERTY CAUSED BY THE CONSTRUCTION SHALL BE MADE GOOD BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
. FINAL LOCATION OF TRENCHING FOR FUEL SYSTEM PIPEWORK AND ELECTRICAL SYSTEM CONDUITS IS TO BE APPROVED BY THE CONSTRUCTION MANAGER. TRENCHING TO BE RATIONALISED AS MUCH AS PRACTICABLE.
. CONTRACTOR TO ALLOW TO BATTER OR STEP EXCAVATION UNLESS GEOTECHNICAL RECOMMENDATION CALLS FOR A SHORED EXCAVATION.
. EXCAVATED MATERIALS REMOVED FROM EXISTING EXCAVATIONS CANNOT BE RE-USED AS FILL MATERIAL.
. FILL EXCAVATIONS ARE TO BE BACKFILLED WITH APPROVED IMPORTED BACKFILL MATERIAL AS PER TANK MANUFACTURER INSTALLATION PROCEDURES.
GOETEXTILES FABRIC IS TO BE USED TO LINE THE TANK EXCAVATION.
NOTE : STORAGE TANK BACKFILL MATERIAL SHALL BE IN ACCORDANCE WITH TANK MANUFACTURER SPECIFICATIONS.

③

TANK INSTALLATION

. MINIMUM TANK BURIAL DEPTH TO BE 900 mm.
. MINIMUM CLEARANCE TANK TO BOUNDARIES IS 2000 mm UNO.
. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL EXISTING SERVICES PRIOR TO EXCAVATION.
. REFER TO STANDARD DRAWING GEN07-T003 FOR TANK EXCAVATION CLEARANCES FOR SHORED AND NON-SHORED INSTALLATIONS.
. PROPERTY DAMAGED CAUSED BY THE CONSTRUCTION SHALL BE MADE GOOD.
. INSTALLATION CONTRACTOR IS TO OBTAIN TANK MANUFACTURER'S APPROVAL OF BACKFILL MATERIAL AND MATERIAL GRADING CHART.
. TANK PRIMARY AND SECONDARY SPACE INTEGRITY IS TO BE PROVEN PRIOR TO INSTALLATION, IN ACCORDANCE WITH THE SPECIFICATION.
. INSTALLATION CONTRACTOR IS TO PROVIDE SUITABLE AND ADEQUATE TANK INSTALLATION AND INSTALLATION SAFETY PROCEDURES IN THE SITE SAFETY MANAGEMENT PLAN, AND SHALL PROVE SUFFICIENT COMMUNICATION OF THESE TO THE SITE STAFF.
. ALL TANKS ARE TO BE HELD DOWN TO MANUFACTURER'S SPECIFICATIONS.
. TOP OF EXCAVATION BATTER IS SHOWN DIAGRAMMATIC ONLY. REFER STANDARD DRAWING GEN07-T003
AND SITE SPECIFIC DRAWINGS FOR FINAL NUMBER AND LOCATIONS OF WELLS
. NO SERVICES ARE PERMITTED TO CROSS THE TANK EXCAVATION

④

TANK FITTINGS - TANK REPLACEMENT/NEW INSTALLATION

. TANK MANWAY PAVEMENT COVER. REFER STANDARD DRAWING GEN07-T010-2 FOR DETAILS.
. PAVEMENT TO BE RAISED AROUND ALL FORECOURT PENETRATIONS TO RESIST WATER INGRESS AND TO PROMOTE SURFACE WATER RUNOFF AWAY FROM PAVEMENT COVERS.
. NEW TANK SUMPS AND LIDS TO BE INSTALLED.
. CONTRACTOR IS TO PROVIDE CLEAR PERMANENT NOTICE ON TANK SUMP INNER LID "DO NOT ENTER-TRAINED PERSONNEL ONLY".
. TANK SUMP AND LID SEAL TO BE WATERTIGHT. SUMPS ARE TO BE WATER TESTED TO CONFIRM.
. SUMPS TO HAVE TELEFLEXS AND BALL VALVES.

⑤

FUEL SYSTEM LINEWORK

. MINIMUM PIPE GRADE IS 1:100 BACK TOWARDS THE TANKS.
. MINIMUM PIPE COVER TO BE 300mm (UNDER CONCRETE) OR 450 mm UNDER LANDSCAPED AREAS.
. ALL DIRECT BURIED STEEL PIPES AND FITTINGS ARE TO BE DENSO WRAPPED OR OTHERWISE CATHOLICALLY PROTECTED.
. FUEL SYSTEM PIPEWORK IS TO PENETRATE AS CLOSE AS PERPENDICULAR TO TANK SUMP WALLS AS POSSIBLE.
. ALL FUEL SYSTEM LINES ARE TO HAVE 3" (75mm) STRIPS OF COATED CONDUCTING TAPE PLACED A MINIMUM OF 8" (200mm) BELOW UNDERSIDE OF SLAB OR LANDSCAPE FINAL SURFACE LEVEL.
. ALL PRODUCT LINES ARE TO BE TAGGED AT BOTH ENDS IMMEDIATELY ON INSTALLATION TO PERMIT CORRECT EQUIPMENT FIT-OFF.
. ALL PRODUCT, FILL, VENT, VR LINES ARE TO BE PRECISION TESTED, IN ISOLATION, IN ACCORDANCE WITH THE SPECIFICATION.
. PIPING IS TO BE LAID TO MANUFACTURER'S PROCEDURES AND WITH A MINIMUM NUMBER OF BENDS. ROUTES SHOWN ARE INDICATIVE ONLY, USE SHORTEST PRACTICABLE ROUTE TO MINIMISE PIPE LENGTH.
. MAX LENGTH OF SINGLE STRAIGHT FILL PIPING RUN IS 12m.
. PRODUCT PIPING TERMINATION TO BE DIRECT PIPED.
FLANGES & TITEFLEX HOSES ARE NOT TO BE USED.

⑥

DIRECT FILL & IN-GROUND REMOTE FILL POINTS

. SPILL CONTAINMENT BOX TO BE INSTALLED. REFER TO STANDARD DRAWINGS.
. FUEL SPILL CONTAINMENT BOX TO BE APPROVED BY 7-ELEVEN ENGINEER AND TO BE CAPABLE OF CONTAINING A MINIMUM OF 15 LITRES OF PRODUCT
. FILL POINT PERMANENT PAVEMENT MARKERS ARE TO BE FIXED TO THE PAVEMENT FACING THE TANKER DRIVER.
. FILL RISERS AND INTERNAL SPILL CONTAINERS ARE TO BE EARTHED.
. VERIFY THE SETTING AND OPERATION OF ALL FILL LINE OVERFILL PROTECTION VALVES IF FITTED. VALVES TO BE SET TO 90% ACTUAL TANK CAPACITY.
. CHAIN AND TAGS TO BE NOMINATED AROUND ALL RISERS.
. FILL LINES TO BE TAGGED AT BOTH ENDS PRIOR TO BACKFILLING.
FILL/ SPILL CONTAINMENT BUCKETS TO BE TESTED AFTER INSTALLATION TO ENSURE NO LEAKAGE.
DIRECT FILL RISERS TO BE DENSO WRAPPED.

⑦

DIP POINTS

. DIP RISERS ARE TO HAVE LOCKABLE SIDE SEAL CAPS FIXED BY CHAINS AND PRODUCT ID MARKERS FIXED TO THE RISERS BELOW THE ADAPTORS.
. PAVEMENT DIP POINT COVERS ARE TO BE PAINTED APPROPRIATE PRODUCT AND/OR HAVE PERMANENT PAVEMENT MARKERS FITTED.
. DIP RISERS TO BE DENSO WRAPPED.
. ADEQUATE CLEARANCE TO BE GIVEN BETWEEN ALL RISERS CAPS AND UNDERSIDE OF PAVEMENT COVERS. (REFER STANDARD DRAWINGS)
. RISERS AND CAPS TO BE CLEAR OF PROTECTIVE SURROUND TO PERMIT EASY OPENING AND CLOSING OF CAPS.
. DIP CAPS TO BE 100mm SCREWED BRASS CAPS.

⑧

VENTS

. NEW VENT STACK. REFER STANDARD DRAWING GEN07-T008 FOR DETAILS. FREE FLOW VENT CAPS TO BE INSTALLED UNO.
. VENT STACK TO BE PAINTED TO 7ELEVEN PAINT SPECIFICATION.
. VENT TERMINATION TO BE ISOLATABLE VIA EXTRACTOR IF DIRECT BURIED
. VENT RISERS TO BE DENSO WRAPPED.

⑨

MONITORING SYSTEMS

. FRANKLIN EVO T5550 TO BE INSTALLED UNO.
. AUTOMATIC TANK GAUGE PROBES ARE TO BE FITTED TO ALL TANK COMPARTMENTS. REFER STANDARD DRAWING GEN07-T010
. CONTRACTOR IS TO CONFIRM LOCATION OF PROBES IN TANKS WITH THE CONSTRUCTION MANAGER PRIOR TO INSTALLATION.
. PRESSURE LINE LEAK DETECTION IS TO BE INSTALLED IN ALL PRESSURE PRODUCT DELIVERY SYSTEMS.
. CONDUITS AND CABLES ARE TO BE INSTALLED AS NOTED ON STANDARD DRAWINGS. REFER TO SITE ELECTRICAL DRAWING FOR APPROXIMATE LOCATIONS OF EQUIPMENT AND CONDUIT PATHS.
. PROBE, CONSOLE, SENSOR & CABLING INSTALLATION, PROGRAMMING, TESTING COMMISSIONING AND TRAINING TO BE CONDUCTED BY CERTIFIED AND ENDORSED CONTRACTORS. SYSTEM MUST BE FULLY OPERATIONAL FOR PRODUCT TO BE SAFELY STORED. COMMISSIONING CHECK SHEETS MUST BE PRESENTED TO CM AND STAFF TRAINED.

⑩

PUMPS/DISPENSERS

. ALL PUMPS/DISPENSERS TO HAVE CONTAINMENT SUMPS FITTED. REFER STANDARD DRAWINGS FOR DETAILS.
. WHERE ISLANDS ARE REQUIRED, CONSTRUCT IN ACCORDANCE WITH 7ELEVEN STANDARD.
. SUPPLY AND INSTALL INVERTED "U" BOLLARDS WHERE SHOWN.
. SHEAR VALVE TO PRESSURE PIPE CONNECTION TO BE VIA TITEFLEX LINE. REFER STANDARD DRAWING GEN07-T008 FOR DETAILS.
. EXPOSURE OF CANOPY FOOTINGS MAY REVEAL FOOTING AS BEING TOO HIGH. 7ELEVEN IS TO ORGANISE A STRUCTURAL ENGINEER TO INSPECT AND ADVISE REGARDING SUMP INSTALLATION.
. DISPENSERS ARE TO BE INSTALLED & COMMISSIONED BY DISPENSER SUPPLIERS.

⑪

FORECOURT

. PAVEMENT THICKNESS, JOINTING, COLOUR AND FINISH IS TO BE IN ACCORDANCE WITH SITE DRAWING.
. CONTRACTOR IS TO PROVIDE ALL LINE MARKING AS SHOWN ON DRAWINGS.
. FILL POINT PAVEMENT LIDS TO BE ELEVATED TO PROMOTE WATER RUNOFF.
. FILL LINES TO BE TAGGED AT BOTH ENDS PRIOR TO BACK FILLING.
. SPILL CONTAINERS TO BE WATER TESTED AGAINST RISERS TO ENSURE NO LEAKAGE.
. SPILL CONTAINERS ARE TO BE LEFT CLEAN AND DRY.
. CONTRACTOR TO HOARD FRONT/STOREFRONT OF MART. DURATION.
. CONTRACTOR TO INSTALL TEMPORARY FENCING AROUND SITE BOUNDARIES.

INFORMATION ISSUE

0	07.11.14	MDC	INITIAL HAZKEM ISSUE	
NO.	DATE	BY	AMENDMENT	APPROVED

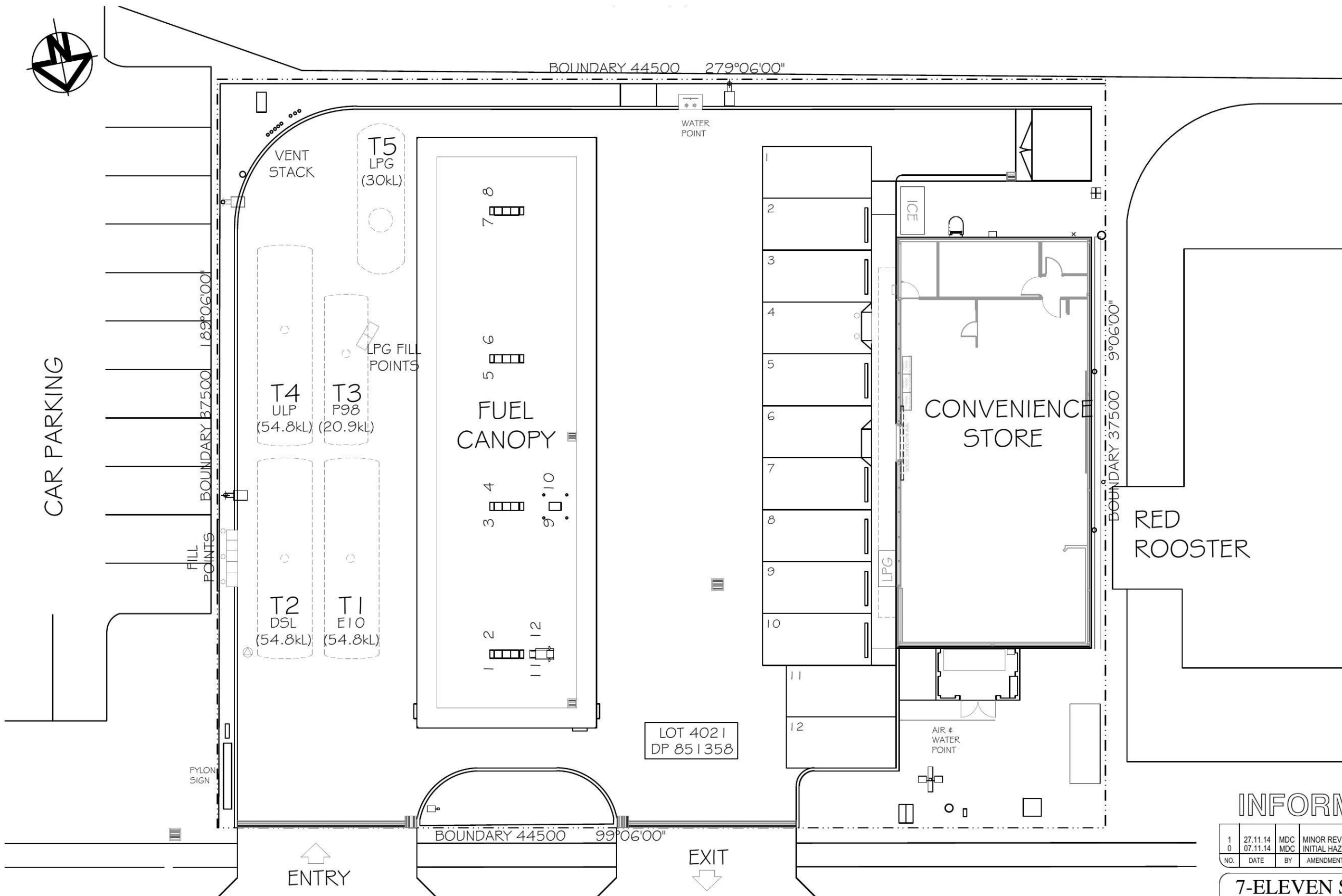
7-ELEVEN STORES PTY LTD
A.B.N. 48 005 299 427

INCORPORATED IN VICTORIA TELEPHONE (03) 9541 0711 FAX (03) 9541 0782

357 FERN TREE GULLY ROAD MOUNT WAVERLEY
VICTORIA 3149 AUSTRALIA



DATE CREATED 07.11.14	PROJECT SERVICE STATION AT LOT 4021 DP 851358 4 ENDEAVOUR AVE ST CLAIR, NSW, 2759			
DRAWN BY M. CLARKSON	TITLE GENERAL NOTES			
CHECKED BY	SHEET	SHEET SIZE A3	DRAWING No. HAZ-1905-S01	REVISION NO. 0
APPROVAL FOR ISSUE				
SCALE NTS				
DATE PLOTTED				



INFORMATION ISSUE

NO.	DATE	BY	AMENDMENT	APPROVED
1	27.11.14	MDC	MINOR REVISIONS	
0	07.11.14	MDC	INITIAL HAZKEM ISSUE	

7-ELEVEN STORES PTY LTD
INCORPORATED IN VICTORIA TELEPHONE (03) 9541 0711 FAX (03) 9541 0782
 357 FERNTREE GULLY ROAD MOUNT WAVERLEY
 VICTORIA 3149 AUSTRALIA



DATE CREATED	07.11.14
DRAWN BY	M. CLARKSON
CHECKED BY	
APPROVAL FOR ISSUE	
SCALE	1:200 (A3)
DATE PLOTTED	

PROJECT	SERVICE STATION AT LOT 4021 DP 851358 4 ENDEAVOUR AVE ST CLAIR, NSW, 2759		
TITLE	EXISTING CONDITIONS PLAN		
SHEET	SHEET SIZE	DRAWING No.	REVISION NO.
	A3	HAZ-1905-A01	1



EXISTING LPG VENTS TO REMAIN

EXISTING LPG FUEL SYSTEM TO REMAIN

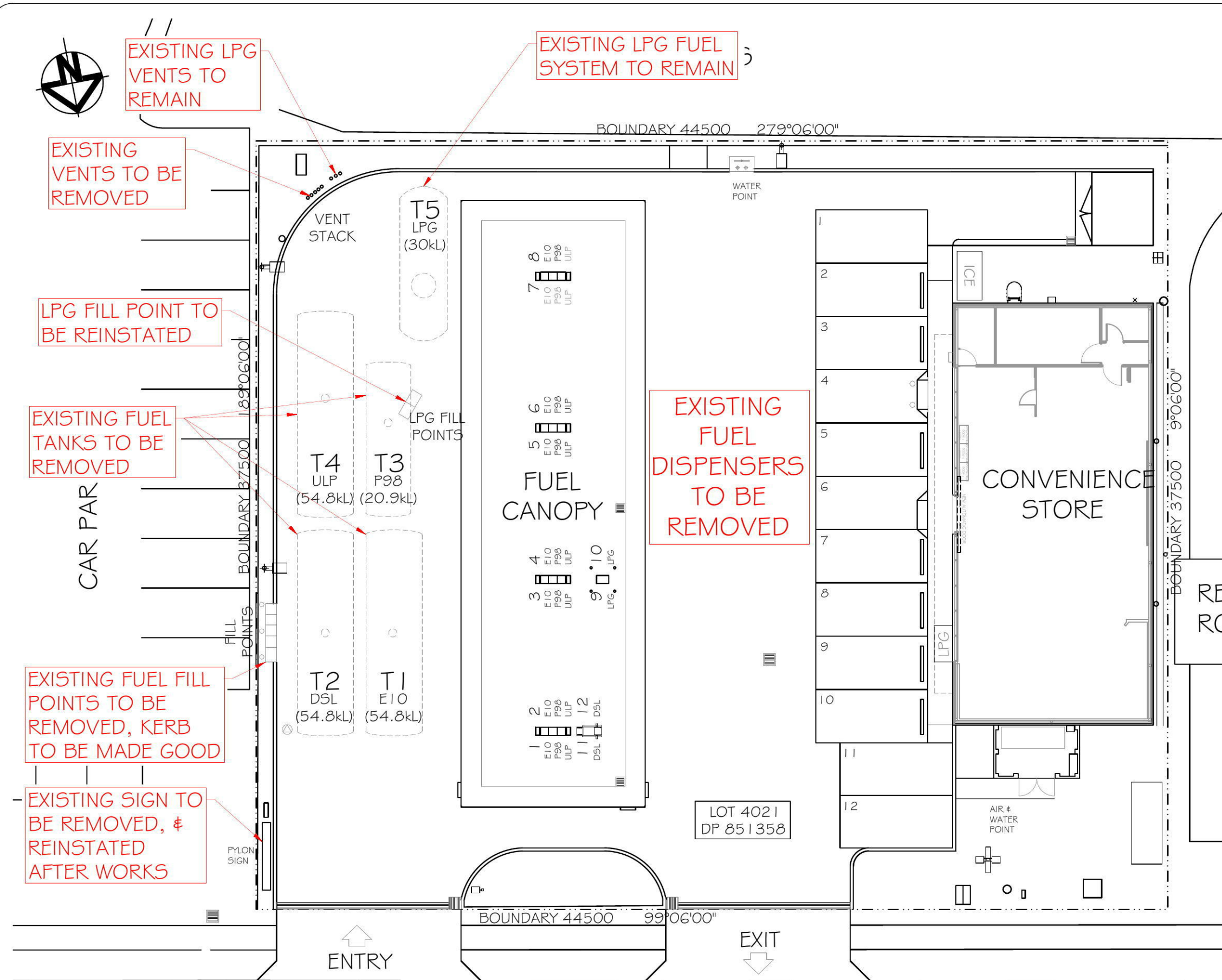
EXISTING VENTS TO BE REMOVED

LPG FILL POINT TO BE REINSTATED

EXISTING FUEL TANKS TO BE REMOVED

EXISTING FUEL FILL POINTS TO BE REMOVED, KERB TO BE MADE GOOD

EXISTING SIGN TO BE REMOVED, & REINSTATED AFTER WORKS



EXISTING FUEL DISPENSERS TO BE REMOVED

INFORMATION ISSUE

0	07.11.14	MDC	INITIAL HAZKEM ISSUE	
NO.	DATE	BY	AMENDMENT	APPROVED

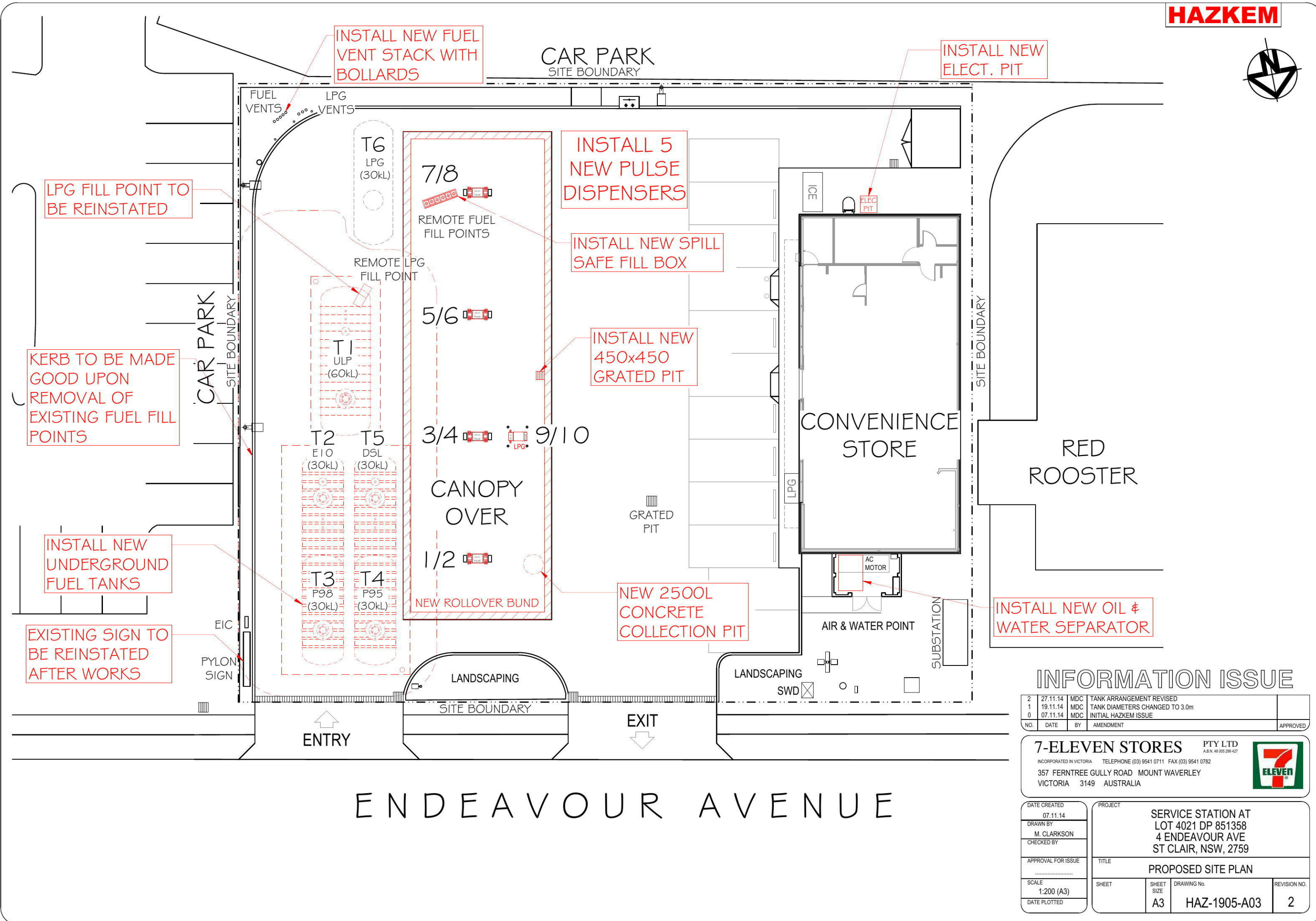
7-ELEVEN STORES PTY LTD
INCORPORATED IN VICTORIA TELEPHONE (03) 9541 0711 FAX (03) 9541 0782
 357 FERNTREE GULLY ROAD MOUNT WAVERLEY VICTORIA 3149 AUSTRALIA



DATE CREATED	07.11.14
DRAWN BY	M. CLARKSON
CHECKED BY	
APPROVAL FOR ISSUE	
SCALE	1:200 (A3)
DATE PLOTTED	

PROJECT		SERVICE STATION AT LOT 4021 DP 851358 4 ENDEAVOUR AVE ST CLAIR, NSW, 2759	
TITLE		DEMOLITION PLAN	
SHEET	SHEET SIZE	DRAWING No.	REVISION NO.
	A3	HAZ-1905-A02	0

ENDEAVOUR AVENUE



INSTALL NEW FUEL VENT STACK WITH BOLLARDS

INSTALL NEW ELECT. PIT

LPG FILL POINT TO BE REINSTATED

INSTALL 5 NEW PULSE DISPENSERS

INSTALL NEW SPILL SAFE FILL BOX

KERB TO BE MADE GOOD UPON REMOVAL OF EXISTING FUEL FILL POINTS

INSTALL NEW 450x450 GRATED PIT

INSTALL NEW UNDERGROUND FUEL TANKS

NEW 2500L CONCRETE COLLECTION PIT

EXISTING SIGN TO BE REINSTATED AFTER WORKS

INSTALL NEW OIL & WATER SEPARATOR

INFORMATION ISSUE

NO.	DATE	BY	AMENDMENT	APPROVED
2	27.11.14	MDC	TANK ARRANGEMENT REVISED	
1	19.11.14	MDC	TANK DIAMETERS CHANGED TO 3.0m	
0	07.11.14	MDC	INITIAL HAZKEM ISSUE	

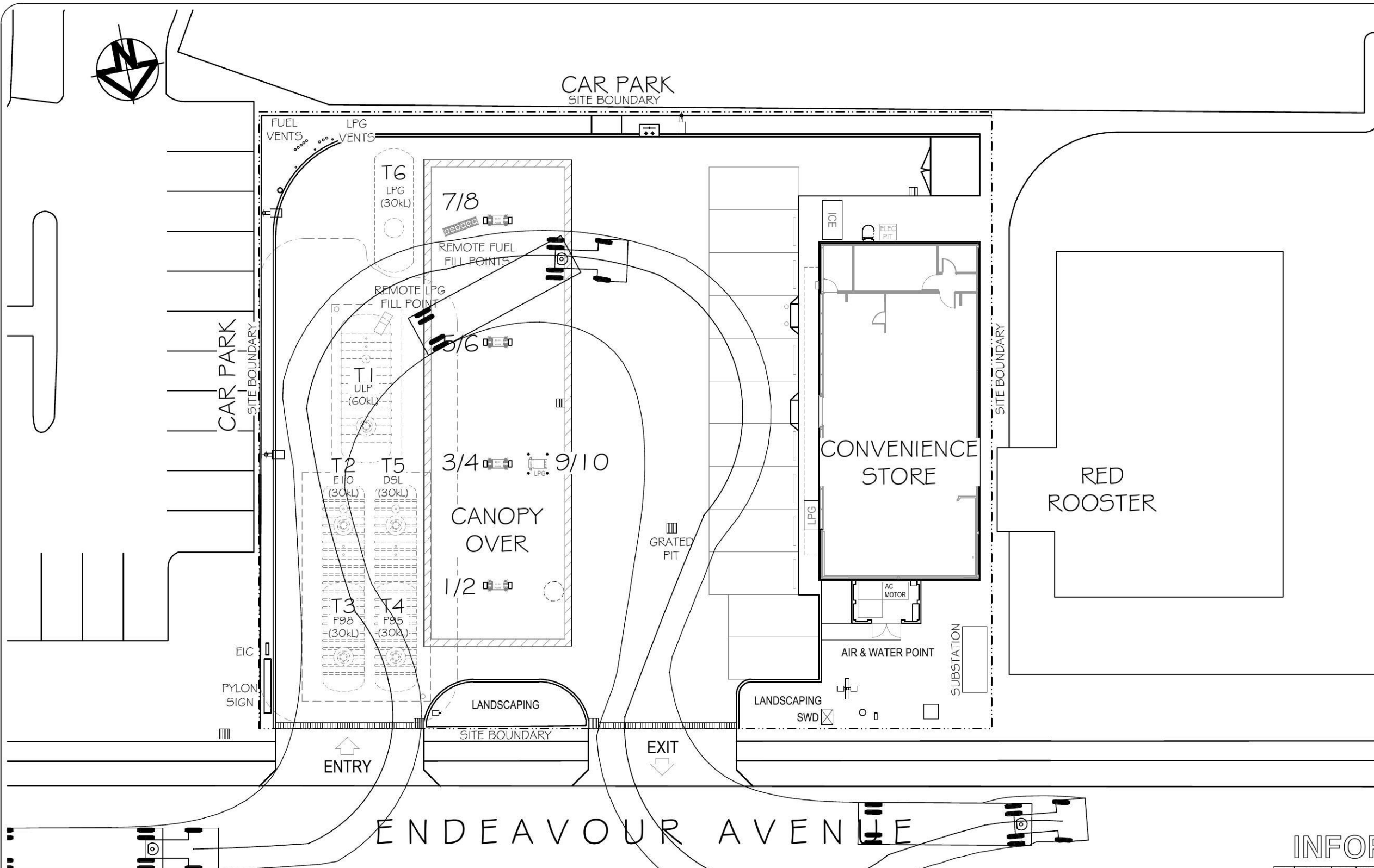
7-ELEVEN STORES PTY LTD
INCORPORATED IN VICTORIA TELEPHONE (03) 9541 0711 FAX (03) 9541 0782
 357 FERNTREE GULLY ROAD MOUNT WAVERLEY VICTORIA 3149 AUSTRALIA



DATE CREATED	07.11.14
DRAWN BY	M. CLARKSON
CHECKED BY	
APPROVAL FOR ISSUE	
SCALE	1:200 (A3)
DATE PLOTTED	

PROJECT	SERVICE STATION AT LOT 4021 DP 851358 4 ENDEAVOUR AVE ST CLAIR, NSW, 2759		
TITLE	PROPOSED SITE PLAN		
SHEET	SHEET SIZE	DRAWING No.	REVISION NO.
	A3	HAZ-1905-A03	2

ENDEAVOUR AVENUE



INFORMATION ISSUE

NO.	DATE	BY	AMENDMENT	APPROVED
2	27.11.14	MDC	TANK ARRANGEMENT REVISED	
1	19.11.14	MDC	TANK DIAMETERS CHANGED TO 3.0m	
0	07.11.14	MDC	INITIAL HAZKEM ISSUE	

7-ELEVEN STORES PTY LTD
INCORPORATED IN VICTORIA TELEPHONE (03) 9541 0711 FAX (03) 9541 0782
 357 FERNTREE GULLY ROAD MOUNT WAVERLEY
 VICTORIA 3149 AUSTRALIA



DATE CREATED 07.11.14	PROJECT SERVICE STATION AT LOT 4021 DP 851358 4 ENDEAVOUR AVE ST CLAIR, NSW, 2759		
DRAWN BY M. CLARKSON	TITLE TANKER PATH LAYOUT		
CHECKED BY	SHEET	SHEET SIZE A3	REVISION NO. 2
APPROVAL FOR ISSUE	DRAWING No. HAZ-1905-A04		
SCALE 1:250 (A3)	DATE PLOTTED		

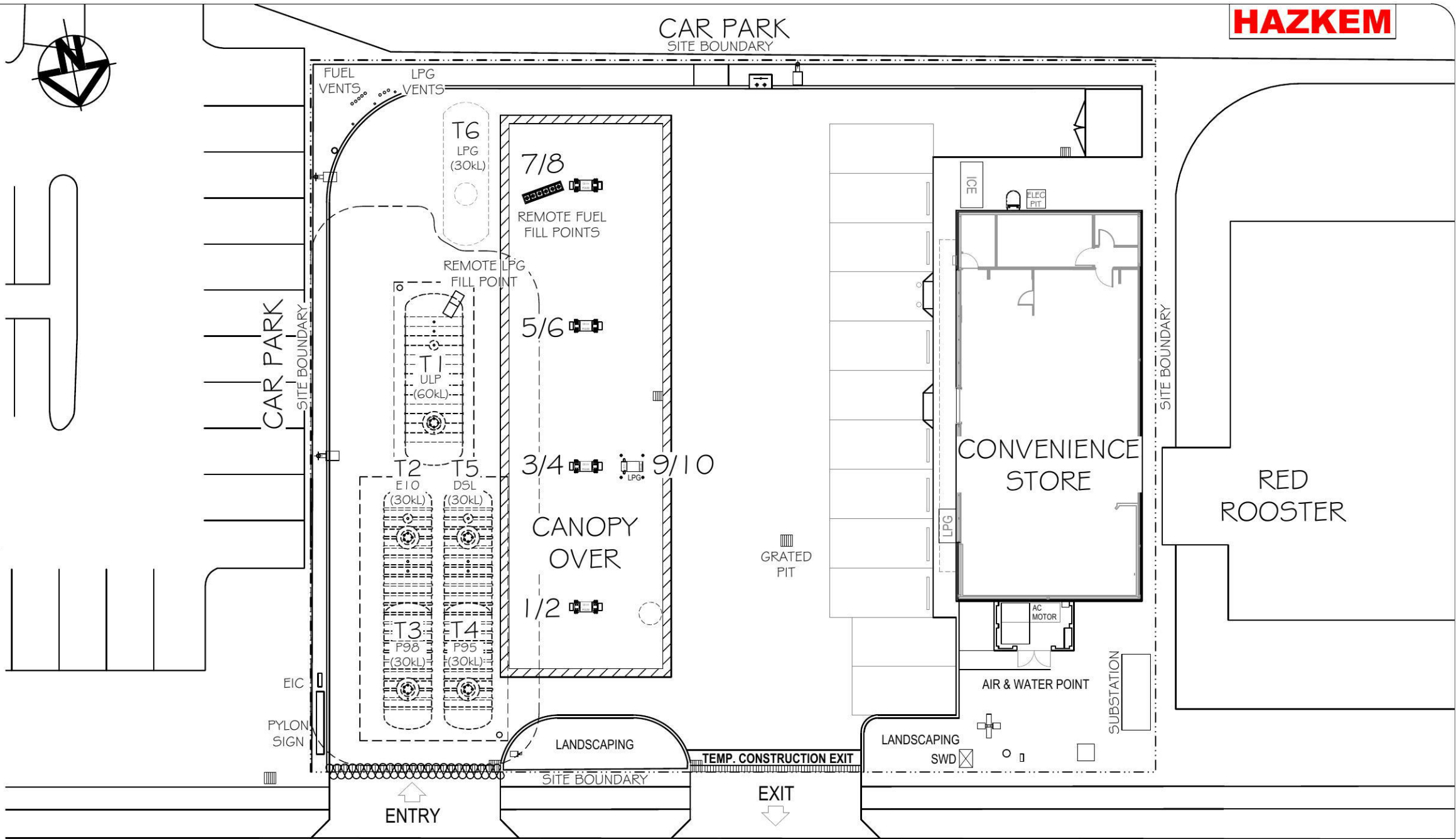
EROSION AND SEDIMENT CONTROL

- ES1. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH: MANAGING URBAN STORMWATER - SOILS AND CONSTRUCTION, MARCH 2004.
- ES2. EROSION AND SEDIMENT DEVICES TO BE INSTALLED PRIOR TO COMMENCEMENT OF WORK.
- ES3. MAINTAIN ALL EROSION AND SEDIMENT CONTROL DEVICES IN ACCORDANCE WITH THE REQUIREMENTS IN THE NOMINATED DOCUMENTS TO THE SATISFACTION OF THE SUPERVISING ENGINEER.
- ES4. PREVENT SITE RUNOFF ENTERING ANY STORMWATER PITS THAT WERE NOT PROTECTED BY SATISFACTORY EROSION AND SEDIMENT CONTROL.
- ES5. MINIMISE THE AREA OF THE SITE BEING DISTURBED AT ANY ONE TIME. MAXIMUM LENGTH OF OPEN EXCAVATION SHOULD NOT EXCEED 40m, WHERE PRACTICAL.
 - 1. PROVIDE SEDIMENT FENCES AT THE DOWNSTREAM END OF ALL DISTURBED AREAS.
 - 2. SURROUND ALL CONSTRUCTION AREAS WITH SEDIMENT FENCES.
 - 3. SURROUND ALL STOCKPILES WITH SEDIMENT FENCES.
 - 4. TURF STRIPS SHALL BE PLACED ON THE DOWN SLOPE SIDE OF THE SEDIMENT FENCES WHERE THERE IS NO EXISTING VEGETATION COVER.
- ES6. ANY SOIL AND WATER CONTROL MEASURES AFFECTED DURING THE DAYS WORK ARE TO BE REINSTATED AT THE END OF EACH WORKING DAY.
- ES7. ALL AVAILABLE TOPSOIL FROM WITHIN THE AREA OF DISTURBANCE SHALL BE STOCKPILED FOR THE PURPOSE OF RE-VEGETATION OR REMOVED FROM SITE TO AN APPROVED LANDFILL.
- ES8. STOCKPILE OF SOIL MATERIALS SHALL NOT BE PLACED ON NATURE STRIPS, FOOTPATHS, ROADWAYS, KERBS, ACCESS CROSSING OR WITHIN WATER WAYS.
- ES9. SOIL AND WATER CONTROL MEASURES MAY BE MODIFIED TO BEST SUIT THE CONDITIONS APPLICABLE TO ANY ONE TIME. ANY MODIFICATION MUST BE IN ACCORDANCE WITH THE NOMINATED DOCUMENTS OR AS DIRECTED BY THE SUPERVISING ENGINEER. THE SOIL & WATER CONTROL MEASURES SHOWN ON THE PLAN ARE INDICATIVE ONLY.
- ES10. CLEAN SURFACE WATER FROM UPSTREAM OF ANY WORKING AREA MUST BE CONTROLLED SO THAT IT DOES NOT ENTER THE DISTURBED AREA.
- ES11. THE UNDERBODY AND TYRES OF ANY VEHICLES LEAVING THE SITE MUST BE INSPECTED AND CLEANED AS NECESSARY.
- ES12. THE EROSION AND SEDIMENT CONTROL WORKS ARE TO BE PROVIDED OR MODIFIED IN THE SEQUENCE SPECIFIED IN THE NOMINATED DOCUMENTS.

SEQUENCE OF WORKS

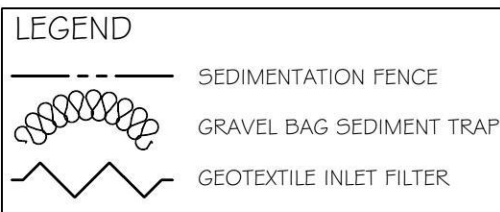
THE INSTALLATION OF SOIL AND WATER MANAGEMENT FEATURE MUST BE INSTALLED IN THE FOLLOWING ORDER -

- S1. CONSTRUCT SILT FENCES BELOW SITE AND ACROSS ALL RUNOFF AREAS.
- S2. PROVIDE SANDBAG KERB INLET SEDIMENT TRAPS AROUND ANY EXISTING STORMWATER PITS AND WITHIN TABLE DRAINS.
- S3. CONSTRUCT DETENTION TANK FOR USE AS A SILTATION BASIN. LIMIT OUTFLOW FROM BASIN.
- S4. CONSTRUCT MEASURES TO DIVERT UPSTREAM FLOWS AWAY FROM SITE, WHERE POSSIBLE.
- S5. DIVERT ALL RUNOFF FROM SITE TO DETENTION TANK/SEDIMENT PONON VIA FENCES, SWALES AND BUNDS.
- S6. PROVIDE SANDBAG KERB INLET SEDIMENT TRAPS AROUND STORMWATER PITS AS THEY ARE CONSTRUCTED.



HAZKEM

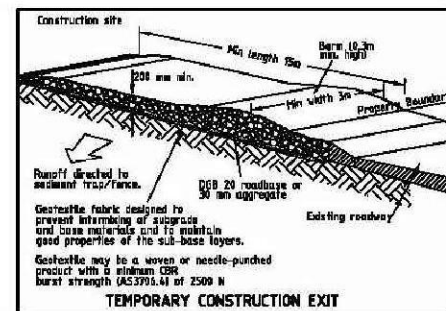
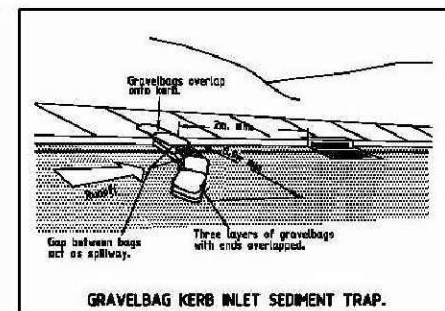
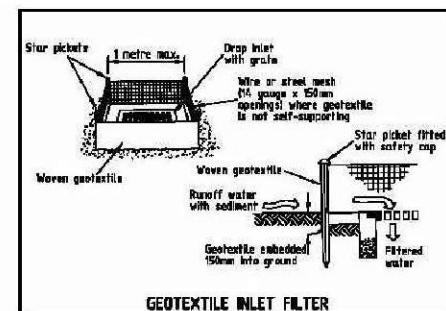
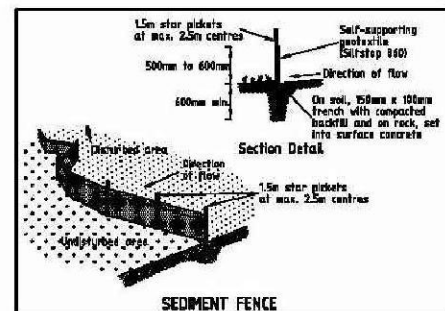
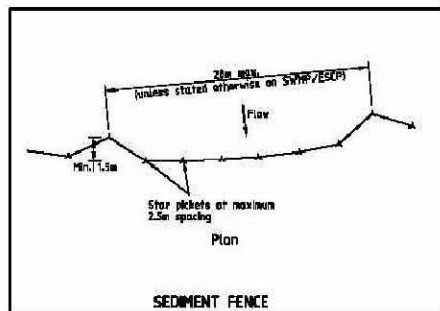
ENDEAVOUR AVENUE



INFORMATION ISSUE

NO.	DATE	BY	AMENDMENT	APPROVED
2	27.11.14	MDC	TANK ARRANGEMENT REVISED	
1	19.11.14	MDC	TANK DIAMETERS CHANGED TO 3.0m	
0	07.11.14	MDC	INITIAL HAZKEM ISSUE	

7-ELEVEN STORES PTY LTD
INCORPORATED IN VICTORIA TELEPHONE (03) 9541 0711 FAX (03) 9541 0782
 357 FERN TREE GULLY ROAD MOUNT WAVERLEY VICTORIA 3149 AUSTRALIA



DATE CREATED: 07.11.14
 DRAWN BY: M. CLARKSON
 CHECKED BY:
 APPROVAL FOR ISSUE:
 SCALE: 1:250 (A3)
 DATE PLOTTED:

PROJECT			
SERVICE STATION AT LOT 4021 DP 851358 4 ENDEAVOUR AVE ST CLAIR, NSW, 2759			
TITLE			
EROSION & SEDIMENT CONTROL PLAN			
SHEET	SHEET SIZE	DRAWING NO.	REVISION NO.
A3	A3	HAZ-1905-A05	2

CAR PARK

SITE BOUNDARY

NOTES:

1. DISPENSER AREA TO BE LEVEL AND PAVED.
2. EMERGENCY STOP MAX 10m FROM TANK FILL POINT.
3. NO UNDERGROUND DRAIN ENTRY POINT TO BE WITHIN 3m OF TANK FILL POINT.
4. INSTALLATION TO CONFORM WITH AS/NZS 1596-2014 & AS/NZS 60079.1.0.1-2009 AS APPROPRIATE.

SIGNS

- ① FLAMMABLE GAS, NO SMOKING, NO FLAME
- ② PRECAUTIONARY SIGN - "STOP ENGINE - NO SMOKING"
- ③ DRIVER INSTRUCTIONS PLACED IN DISPENSER AREA
- ④ EMERGENCY STOP & OPERATING INSTRUCTIONS
- ⑤ EMERGENCY PROCEDURE
- ⑥ HAZCHEM SIGN

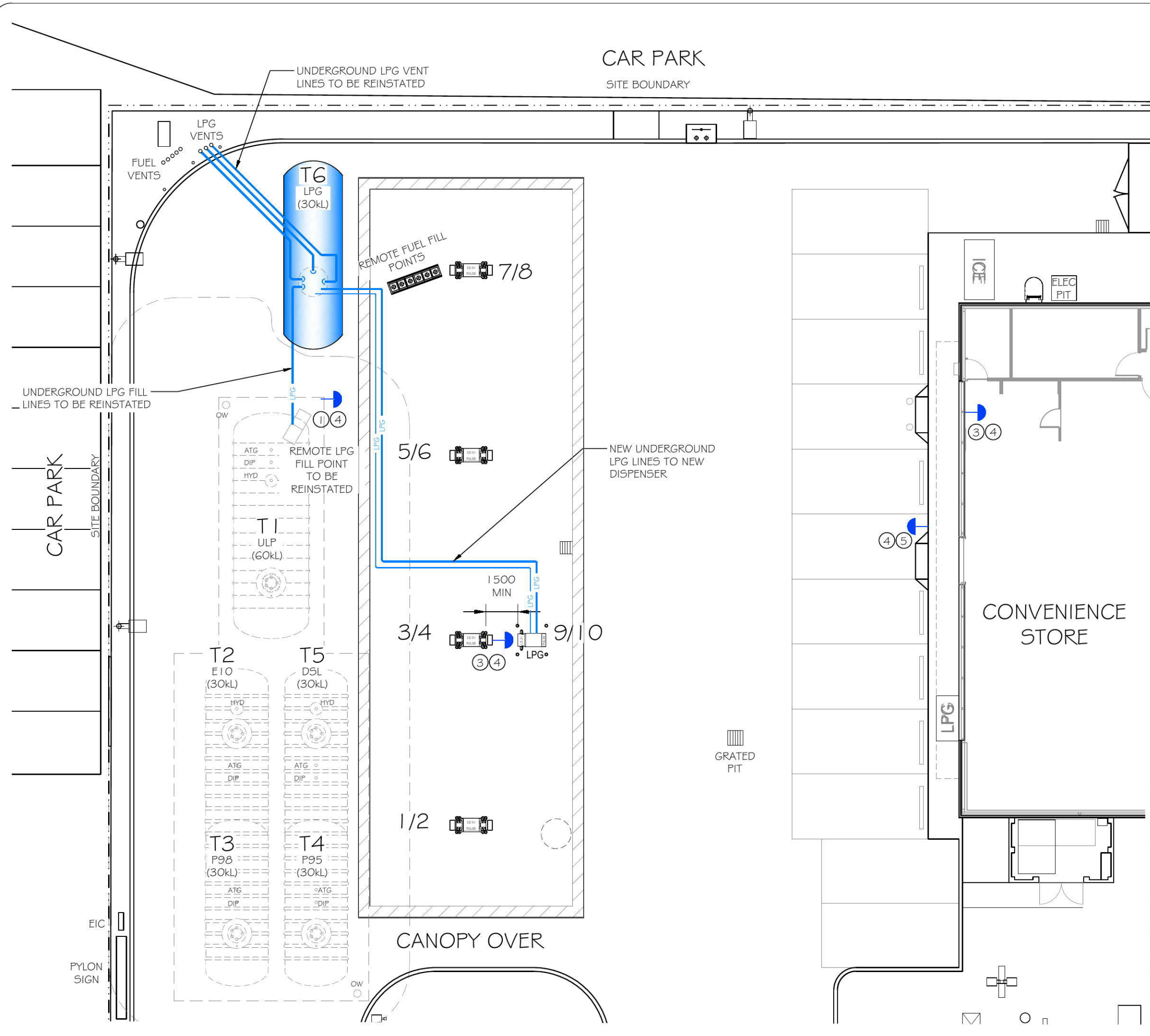
INFORMATION ISSUE

NO.	DATE	BY	AMENDMENT	APPROVED
2	27.11.14	MDC	TANK ARRANGEMENT REVISED	
1	19.11.14	MDC	TANK DIAMETERS CHANGED TO 3.0m	
0	07.11.14	MDC	INITIAL HAZKEM ISSUE	

7-ELEVEN STORES PTY LTD
INCORPORATED IN VICTORIA TELEPHONE (03) 9541 0711 FAX (03) 9541 0782
 357 FERNTREE GULLY ROAD MOUNT WAVERLEY
 VICTORIA 3149 AUSTRALIA



DATE CREATED 07.11.14	PROJECT SERVICE STATION AT LOT 4021 DP 851358 4 ENDEAVOUR AVE ST CLAIR, NSW, 2759		
DRAWN BY M. CLARKSON	TITLE LPG SYSTEM LAYOUT		
CHECKED BY	SHEET	SHEET SIZE A3	DRAWING No. HAZ-1905-G01
APPROVAL FOR ISSUE	REVISION NO.	2	
SCALE 1:150 (A3)	DATE PLOTTED		





55m SENSITIVE USE EXCLUSION ZONE (LPG TANKER STANDING AREA)

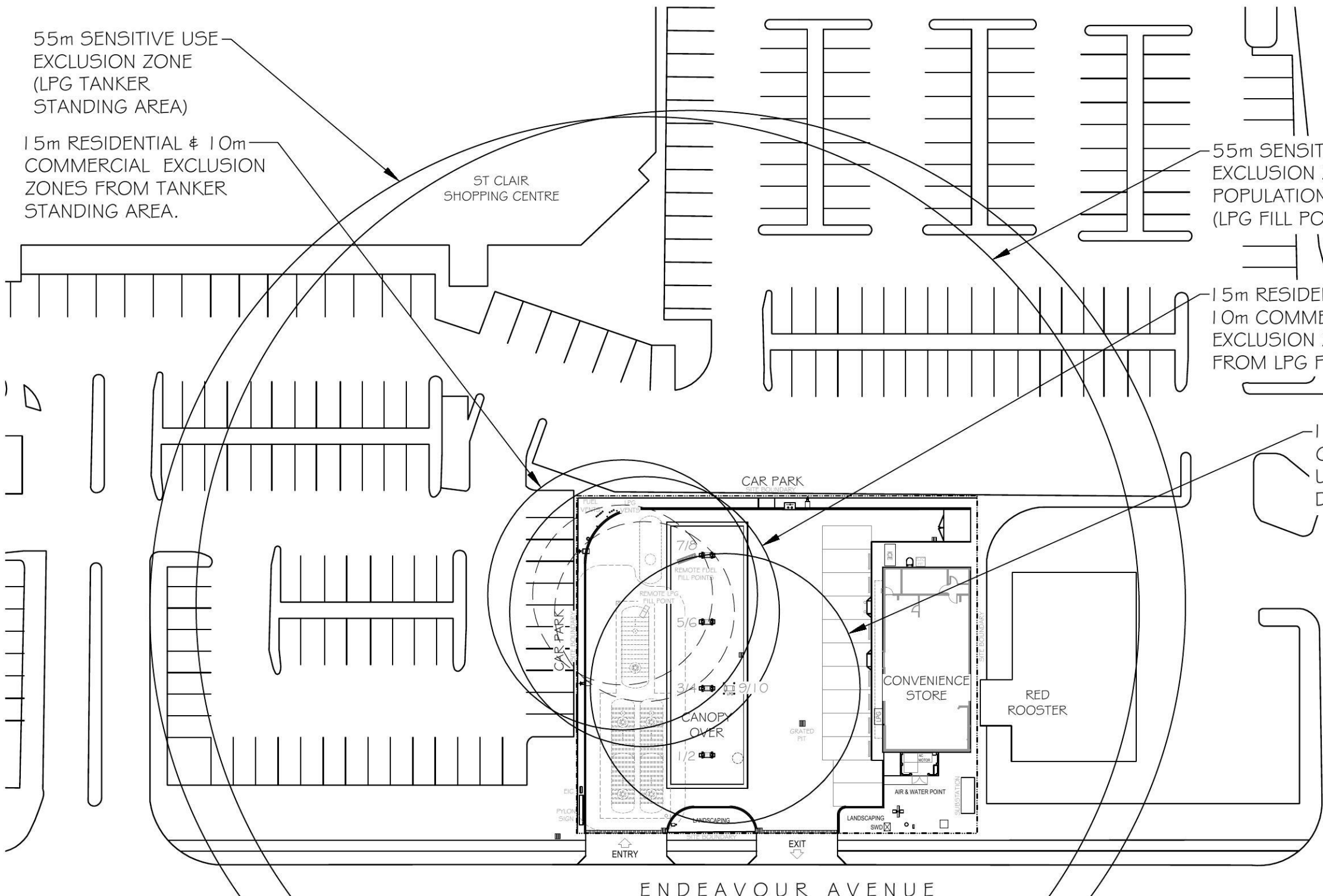
15m RESIDENTIAL & 10m COMMERCIAL EXCLUSION ZONES FROM TANKER STANDING AREA.

ST CLAIR SHOPPING CENTRE

55m SENSITIVE USE EXCLUSION ZONE & POPULATION LIMIT (LPG FILL POINT)

15m RESIDENTIAL & 10m COMMERCIAL EXCLUSION ZONES FROM LPG FILL POINT

15m SENSITIVE, RESIDENTIAL, COMMERCIAL & RECREATIONAL USE EXCLUSION ZONE (LPG DISPENSER)



INFORMATION ISSUE

1	19.11.14	MDC	TANK DIAMETERS CHANGED TO 3.0m	
0	07.11.14	MDC	INITIAL HAZKEM ISSUE	
NO.	DATE	BY	AMENDMENT	APPROVED

7-ELEVEN STORES PTY LTD
A.B.N. 48 005 299 427

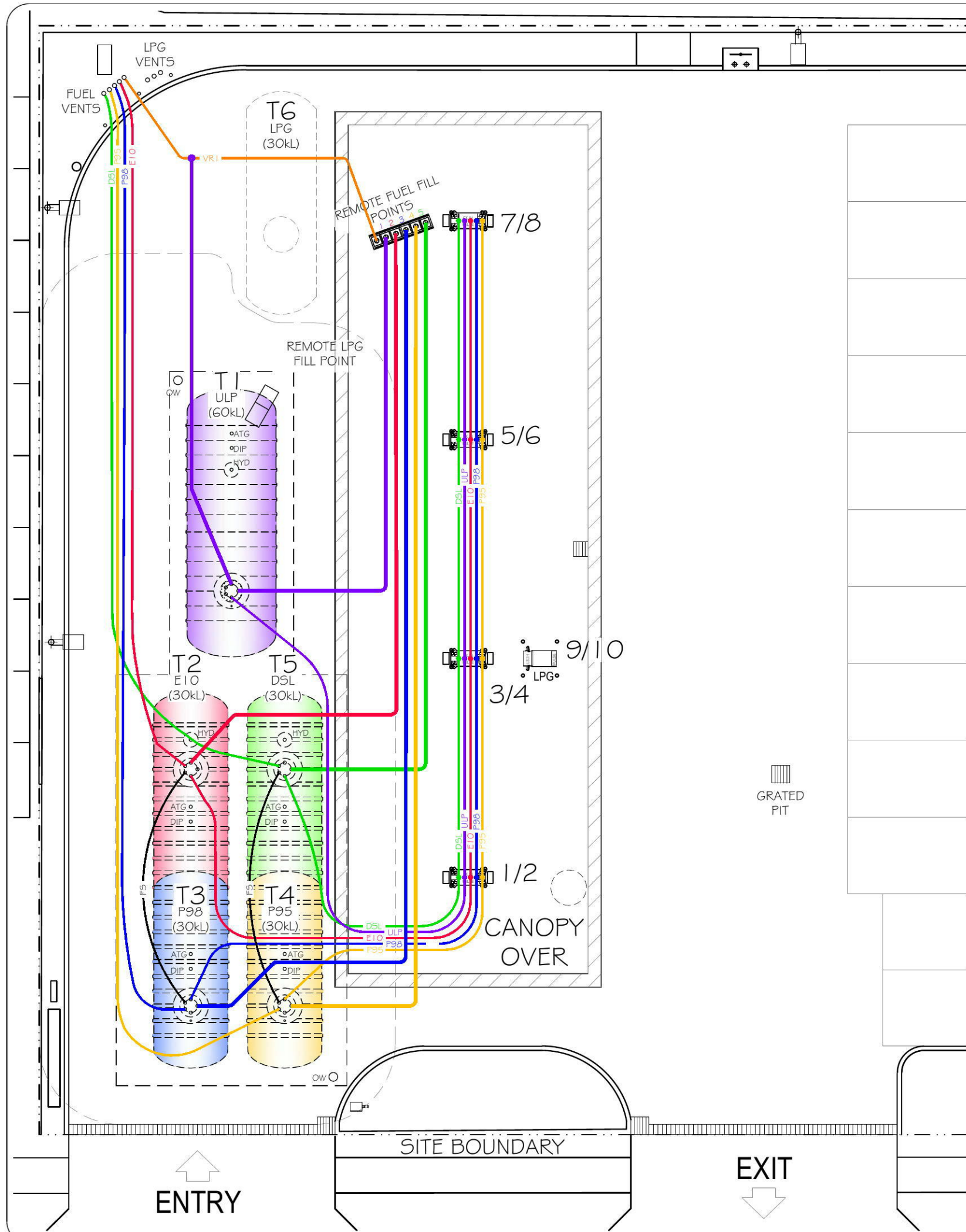
INCORPORATED IN VICTORIA TELEPHONE (03) 9541 0711 FAX (03) 9541 0782

357 FERNTREE GULLY ROAD MOUNT WAVERLEY
VICTORIA 3149 AUSTRALIA



DATE CREATED	07.11.14
DRAWN BY	M. CLARKSON
CHECKED BY	
APPROVAL FOR ISSUE
SCALE	1:500 (A3)
DATE PLOTTED	

PROJECT			
SERVICE STATION AT LOT 4021 DP 851358 4 ENDEAVOUR AVE ST CLAIR, NSW, 2759			
TITLE			
POPULATION & EXCLUSION ZONES			
SHEET	SHEET SIZE	DRAWING No.	REVISION NO.
	A3	HAZ-1905-G02	1



TANK SCHEDULE

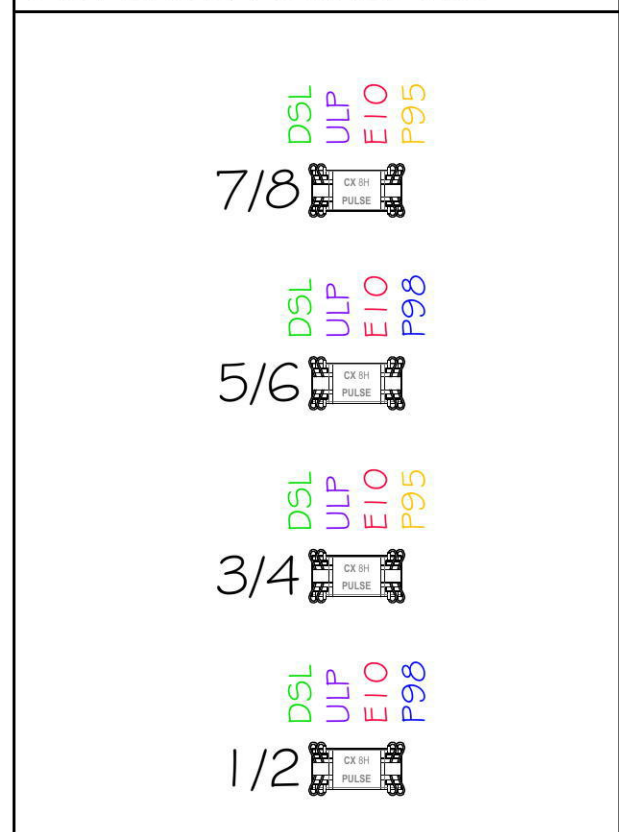
TANK No	TANK SIZE	TANK MODEL	SUB-PUMP	PRODUCT	FEEDS DISPENSER
T1	60,000LT	ENVIROTANK DWT 60	*FEP 1.5HP	ULP	1/2, 3/4, 5/6, 7/8
T2	30,000LT	ENVIROTANK DWT 30/30	*FEP 1.5HP	E10	1/2, 3/4, 5/6, 7/8
T3	30,000LT	ENVIROTANK DWT 30/30	*FEP 1.5HP	P98	1/2, 5/6
T4	30,000LT	ENVIROTANK DWT 30/30	*FEP 1.5HP	P95	3/4, 7/8
T5	30,000LT	ENVIROTANK DWT 30/30	*FEP 1.5HP	DSL	1/2, 3/4, 5/6, 7/8
T6	30,000LT	EXISTING LPG VESSEL		LPG	9/10

DISPENSER SCHEDULE

PUMP DISPENSER NO.	PRODUCT
D 1/2	GALLAGHER PULSE CX (8 HOSE) ULP, E10, DSL, P98
D 3/4	GALLAGHER PULSE CX (8 HOSE) ULP, E10, DSL, P95
D 5/6	GALLAGHER PULSE CX (8 HOSE) ULP, E10, DSL, P98
D 7/8	GALLAGHER PULSE CX (8 HOSE) ULP, E10, DSL, P95
D 9/10	GALLAGHER PULSE LS (2 HOSE) LPG

*FEP PUMP CAPACITY TO BE CONFIRMED BY 7-ELEVEN ENGINEER

DISPENSER SCHEDULE



LEGEND

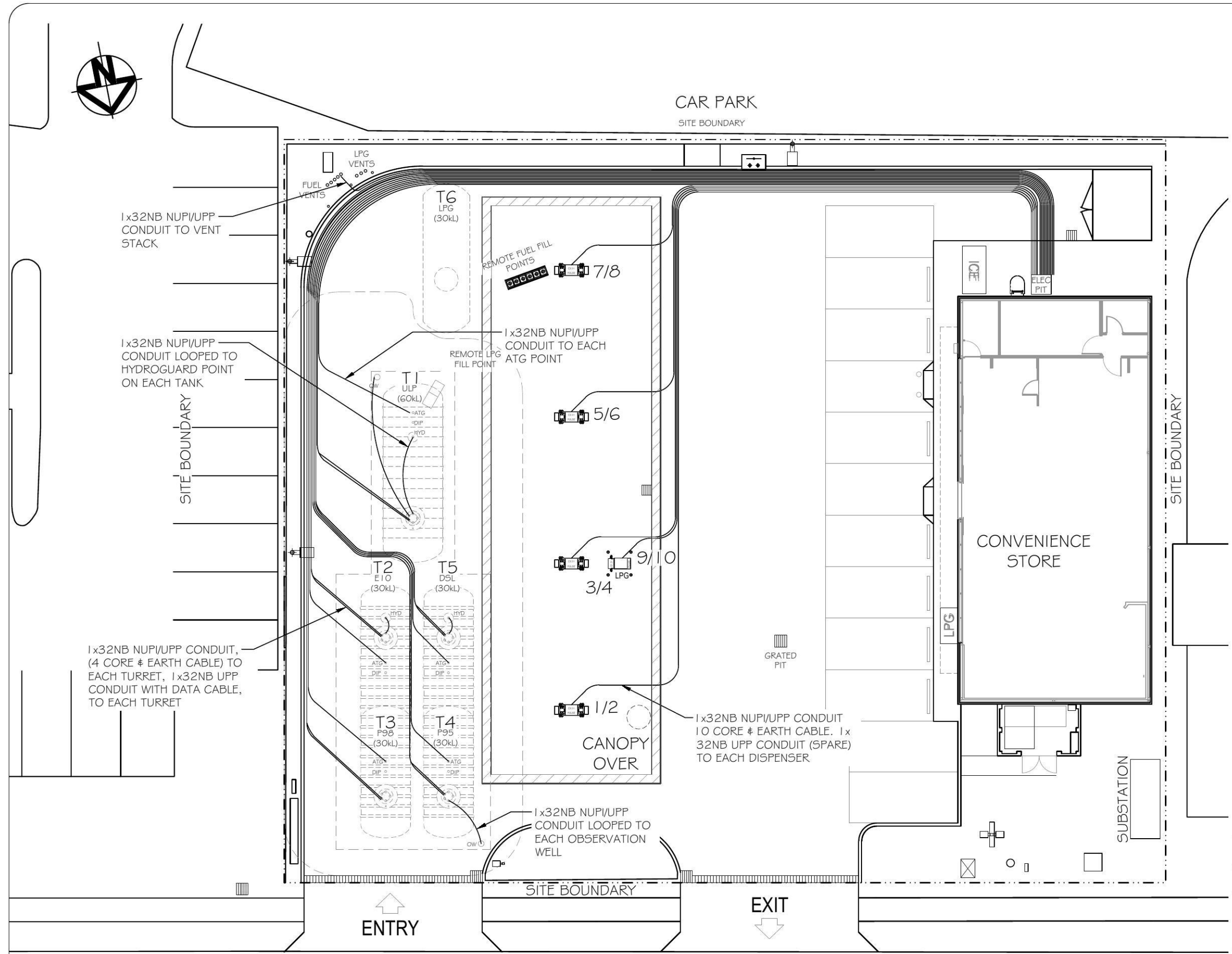
- PRESSURE LINES- 63nb DOUBLE CONTAINED NUPI
- VENT LINES
VR1 - VAPOUR RECOVERY- 75nb LINED NUPI
VR2 - SECONDARY VAPOUR RECOVERY- 63nb LINED NUPI
- FILL LINES- 110nb LINED NUPI
- FUTURE SYPHON LINES- 63nb (NOT CONNECTED) DOUBLE CONTAINED NUPI
- FS - FUTURE SYPHON LINES - CAPPED OFF
- ATG - AUTOMATIC TANK GAUGE
- OW - OBSERVATION WELL
- HYD - HYDROGUARD

INFORMATION ISSUE

NO.	DATE	BY	AMENDMENT	APPROVED
2	27.11.14	MDC	TANK ARRANGEMENT REVISED & FUEL LINES UPDATED	
1	19.11.14	MDC	TANK DIAMETERS CHANGED TO 3.0m	
0	07.11.14	MDC	INITIAL HAZKEM ISSUE	

7-ELEVEN STORES PTY LTD
INCORPORATED IN VICTORIA TELEPHONE (03) 9541 0711 FAX (03) 9541 0782
 357 FERNTREE GULLY ROAD MOUNT WAVERLEY VICTORIA 3149 AUSTRALIA

DATE CREATED	PROJECT
07.11.14	SERVICE STATION AT LOT 4021 DP 851358 4 ENDEAVOUR AVE ST CLAIR, NSW, 2759
DRAWN BY M. CLARKSON	TITLE FUEL SYSTEM LAYOUT
CHECKED BY	SHEET A3
APPROVAL FOR ISSUE	DRAWING No. HAZ-1905-T01
SCALE 1:150 (A3)	REVISION NO. 2
DATE PLOTTED	



INFORMATION ISSUE

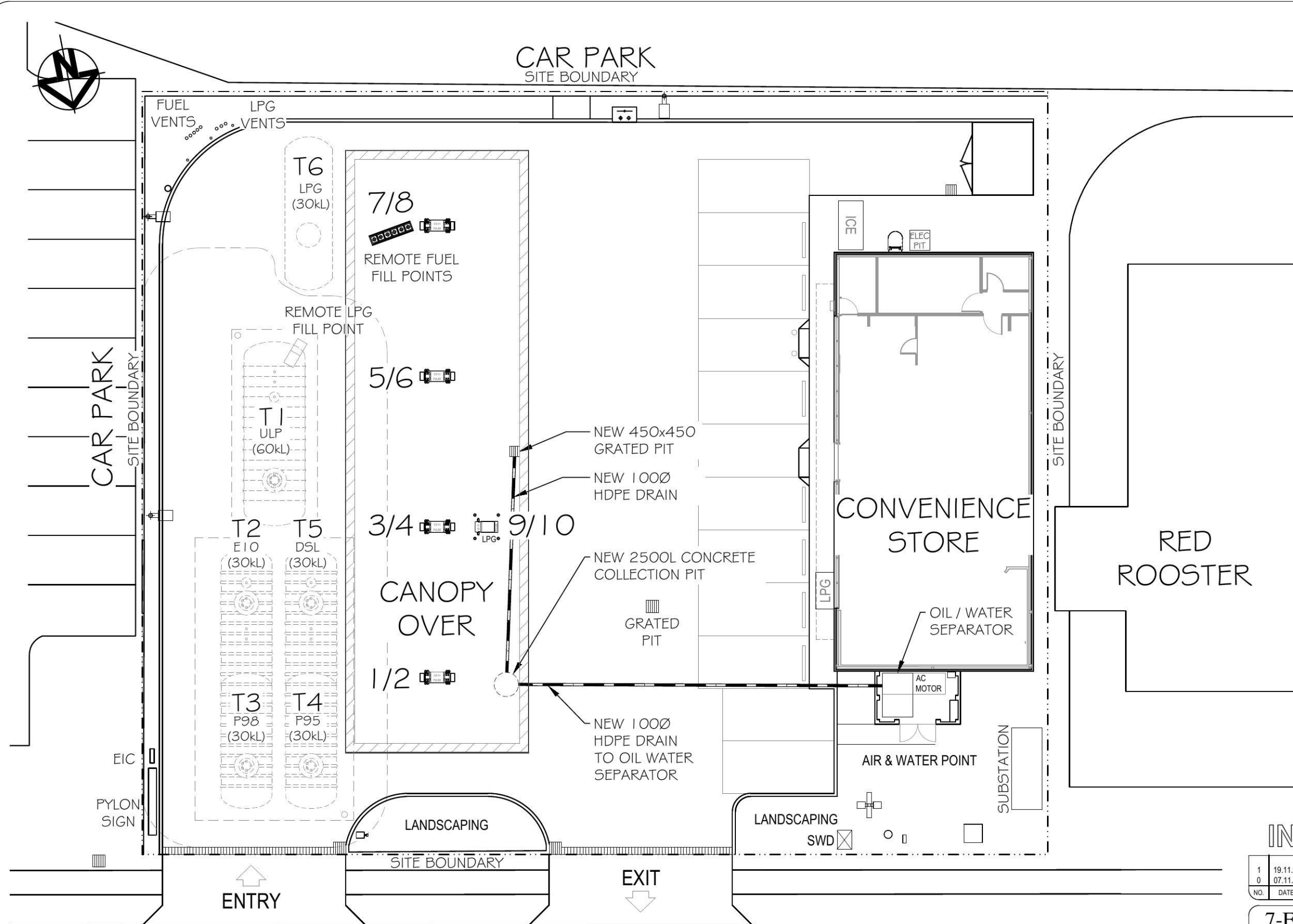
NO.	DATE	BY	AMENDMENT	APPROVED
2	27.11.14	MDC	TANK ARRANGEMENT REVISED & CONDUITS UPDATED	
1	19.11.14	MDC	ELECTRICAL CABLES RE-ROUTED	
0	07.11.14	MDC	INITIAL HAZKEM ISSUE	

7-ELEVEN STORES PTY LTD
INCORPORATED IN VICTORIA TELEPHONE (03) 9541 0711 FAX (03) 9541 0782
 357 FERNTREE GULLY ROAD MOUNT WAVERLEY
 VICTORIA 3149 AUSTRALIA



DATE CREATED	07.11.14
DRAWN BY	M. CLARKSON
CHECKED BY	
APPROVAL FOR ISSUE	
SCALE	1:200 (A3)
DATE PLOTTED	

PROJECT	SERVICE STATION AT LOT 4021 DP 851358 4 ENDEAVOUR AVE ST CLAIR, NSW, 2759		
TITLE	ELECTRICAL CONDUIT LAYOUT		
SHEET	SHEET SIZE	DRAWING No.	REVISION NO.
	A3	HAZ-1905-E01	2



NOTES:
 1. INSTALL ID MARKERS TO CREEK & TREATMENT SYSTEM. MARKERS AVAILABLE FROM SHIPMARKING

INFORMATION ISSUE

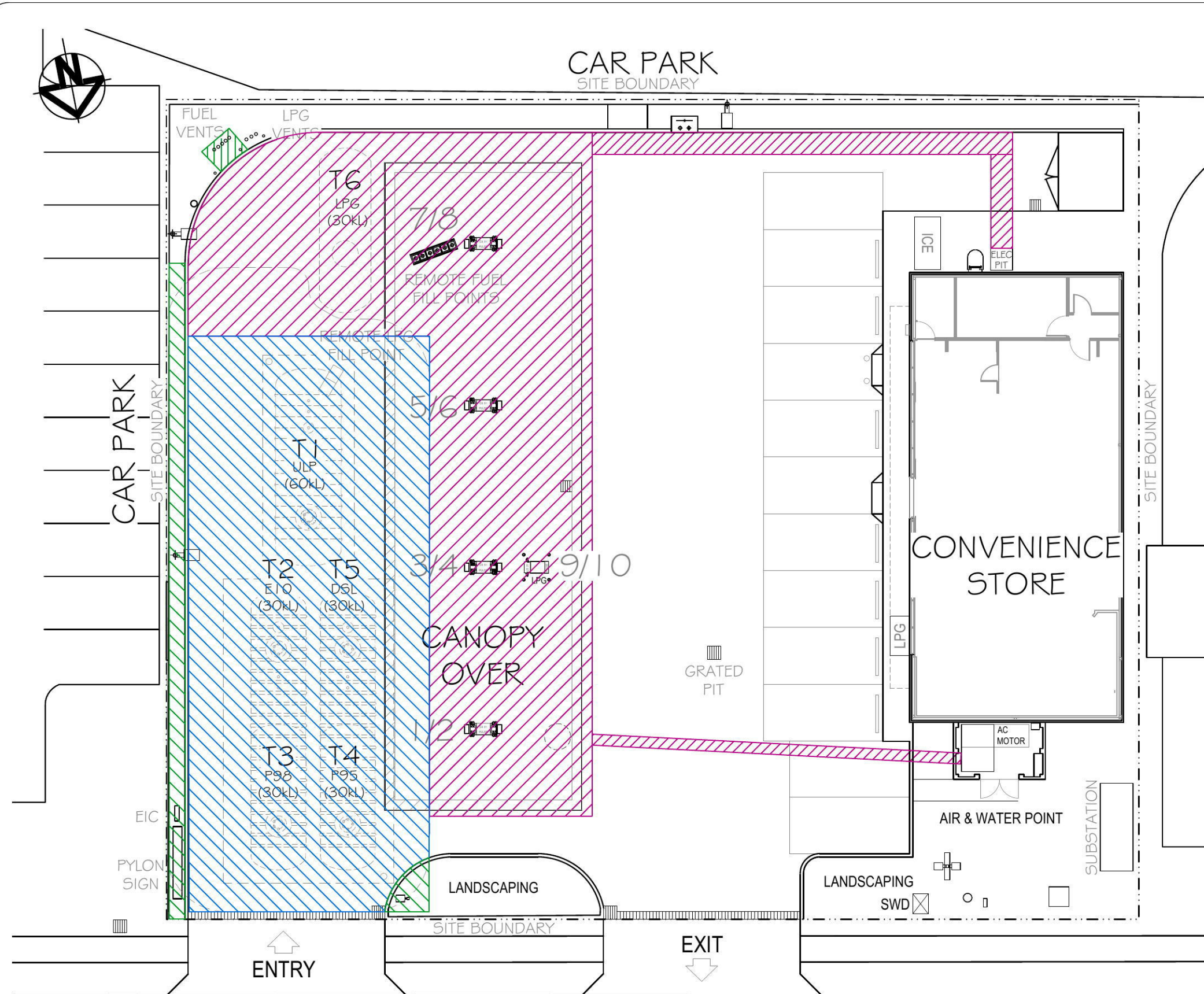
1	19.11.14	MDC	TANK DIAMETERS CHANGED TO 3.0m	
0	07.11.14	MDC	INITIAL HAZKEM ISSUE	
NO.	DATE	BY	AMENDMENT	APPROVED

7-ELEVEN STORES PTY LTD
INCORPORATED IN VICTORIA TELEPHONE (03) 9541 0711 FAX (03) 9541 0782
 357 FERNTREE GULLY ROAD MOUNT WAVERLEY
 VICTORIA 3149 AUSTRALIA



DATE CREATED 07.11.14	PROJECT SERVICE STATION AT LOT 4021 DP 851358 4 ENDEAVOUR AVE ST CLAIR, NSW, 2759		
DRAWN BY M. CLARKSON	TITLE FORECOURT DRAINAGE LAYOUT		
CHECKED BY	SHEET	SHEET SIZE A3	DRAWING No. HAZ-1905-H01
APPROVAL FOR ISSUE	REVISION NO.	1	
SCALE 1:200 (A3)	DATE PLOTTED		

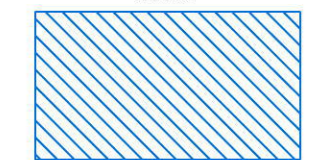
ENDEAVOUR AVENUE



175mm THICK CONCRETE
360m²



200mm THICK CONCRETE
286m²



AREA TO BE LANDSCAPED
30m²



INFORMATION ISSUE

NO.	DATE	BY	AMENDMENT	APPROVED
2	27.11.14	MDC	TANK ARRANGEMENT REVISED & CONCRETE UPDATED	
1	19.11.14	MDC	TANK DIAMETERS CHANGED TO 3.0m	
0	07.11.14	MDC	INITIAL HAZKEM ISSUE	

7-ELEVEN STORES PTY LTD
INCORPORATED IN VICTORIA TELEPHONE (03) 9541 0711 FAX (03) 9541 0782
 357 FERNTREE GULLY ROAD MOUNT WAVERLEY
 VICTORIA 3149 AUSTRALIA



DATE CREATED 07.11.14	PROJECT SERVICE STATION AT LOT 4021 DP 851358 4 ENDEAVOUR AVE ST CLAIR, NSW, 2759		
DRAWN BY M. CLARKSON	TITLE CONCRETE REPLACEMENT PLAN		
CHECKED BY	SHEET	SHEET SIZE A3	DRAWING No. HAZ-1905-C01
APPROVAL FOR ISSUE	REVISION NO. 2		
SCALE 1:200 (A3)			
DATE PLOTTED			



ZONE 1 WITHIN 1.5 METRES OF END OF VENT PIPES IN ALL DIRECTIONS. ZONE 2 VOLUME BENEATH THIS ZONE




ZONE 1 WITHIN A RADIUS OF 0.75 METRES OF LPG VESSEL VENT PIPE. EXTENDING FROM 1.5 METRES BELOW TO 3 METRES ABOVE THE PIPE END

WHEN GROUND COVER REMOVED ZONE 2 WITHIN 3M LATERALLY & 1.5M HIGH FROM EQUIPMENT PIT

ZONE 2 WITHIN 3 METRES OF FILL POINTS & UP TO 0.5 METRES ABOVE THE GROUND

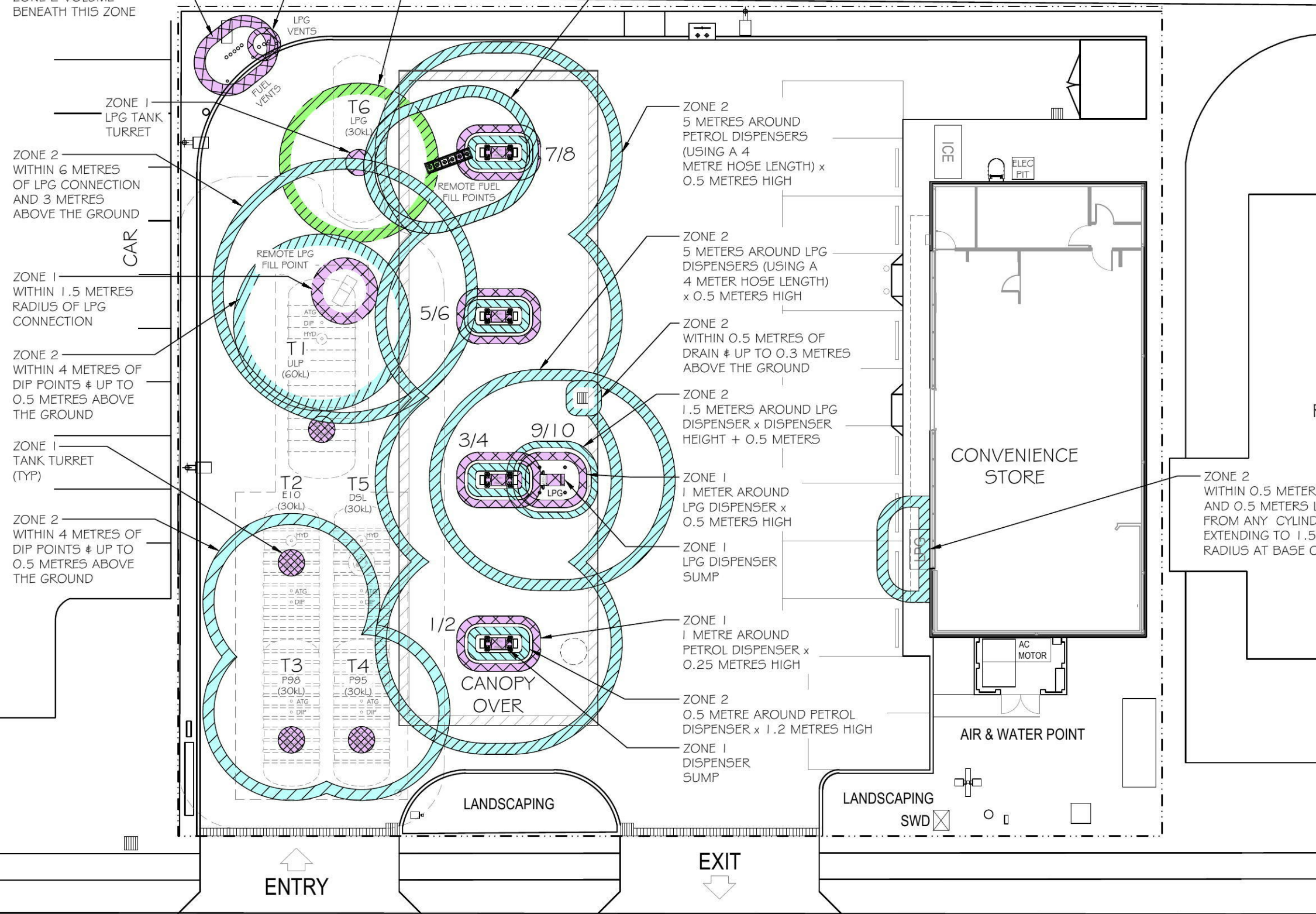
CAR PARK

LEGEND:

-  ZONE 1
-  ZONE 2
-  ZONE 2

INTERNAL VOID OF FLAMMABLE LIQUID TANK ZONE 0

HAZARDOUS AREAS ARE AS DESCRIBED IN AS/NZS 60079.10.1 - 2009 EXPLOSIVE ATMOSPHERES - CLASSIFICATION OF AREAS - EXPLOSIVE GAS ATMOSPHERES PART ZA.5 FLAMMABLE LIQUIDS & PART ZA.6 FLAMMABLE GASES



RED ROOSTER

CONVENIENCE STORE

ZONE 2 WITHIN 0.5 METRES ABOVE AND 0.5 METRES LATERALLY FROM ANY CYLINDER VALVE, EXTENDING TO 1.5 METER RADIUS AT BASE OF CYLINDER

INFORMATION ISSUE

NO.	DATE	BY	AMENDMENT	APPROVED
2	27.11.14	MDC	TANK ARRANGEMENT REVISED & HAZARDOUS AREAS UPDATED	
1	19.11.14	MDC	TANK DIAMETERS CHANGED TO 3.0m	
0	07.11.14	MDC	INITIAL HAZKEM ISSUE	

7-ELEVEN STORES PTY LTD
INCORPORATED IN VICTORIA TELEPHONE (03) 9541 0711 FAX (03) 9541 0782
 357 FERNTREE GULLY ROAD MOUNT WAVERLEY VICTORIA 3149 AUSTRALIA



DATE CREATED	07.11.14
DRAWN BY	M. CLARKSON
CHECKED BY	
APPROVAL FOR ISSUE	
SCALE	1:200 (A3)
DATE PLOTTED	

PROJECT	SERVICE STATION AT LOT 4021 DP 851358 4 ENDEAVOUR AVE ST CLAIR, NSW, 2759		
TITLE	HAZARDOUS AREA PLAN		
SHEET	SHEET SIZE	DRAWING No.	REVISION NO.
	A3	HAZ-1905-HZ01	2