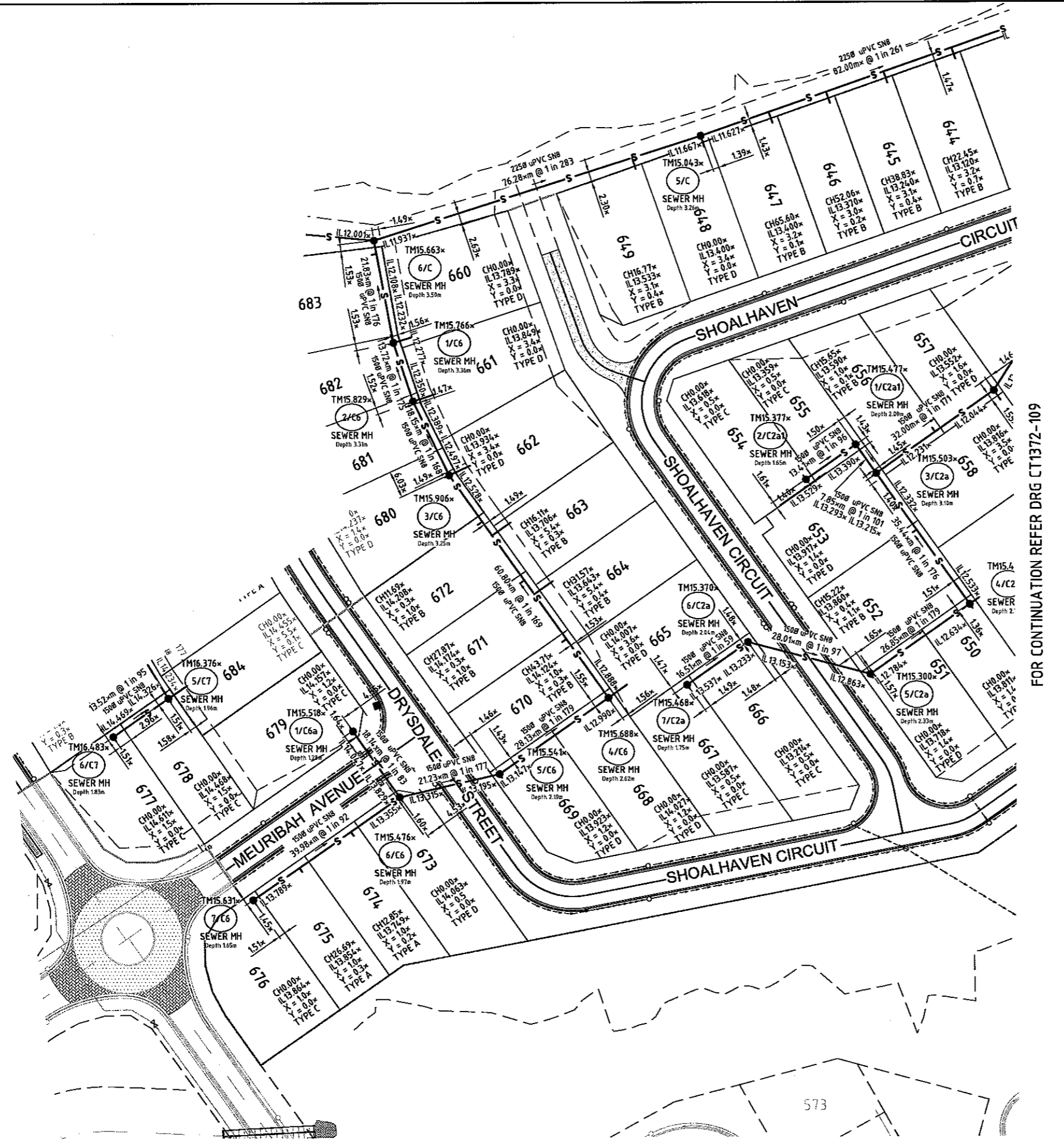


HOUSE CONNECTION TYPES		
		TYPE A DIRECT CONN.
		TYPE B SNP-UP
		TYPE C DIRECT CONN. MH
		TYPE D INTERNAL DROP

**SEWERAGE LEGEND**

- EXISTING SEWERAGE
- FUTURE SEWERAGE
- SEWERAGE
- SEWER MANHOLE (M.H.)  
AS CON TOP OF MANHOLE R.L. TM 17.00x  
MANHOLE NUMBER  
LINE NUMBER
- MAINTENANCE SHAFT (M.S.)  
AS CON TOP OF MANHOLE R.L. TM 17.00x  
MANHOLE NUMBER  
LINE NUMBER
- TERMINAL MAINTENANCE  
SHAFT (T.M.S.)  
AS CON TOP OF MANHOLE R.L. TM 17.00x  
MANHOLE NUMBER  
LINE NUMBER



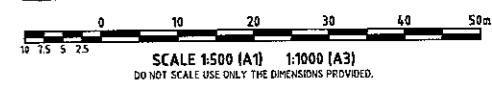
FOR CONTINUATION REFER DRG CT1372-109

**SEWERAGE NOTES**

- ALL LINES LESS THAN 5.7m DEEP ARE 150MM. DIAMETER PVC DWV SNB IN ACCORDANCE WITH STANDARD AS/NZS 1260:1999, UNLESS SHOWN OTHERWISE.
- ALL 100MM DIAMETER SEWER LINES LESS THAN 5.7m DEEP ARE PVC DWV SNB IN ACCORDANCE WITH STANDARD AS/NZS 1260:1999, UNLESS SHOWN OTHERWISE.
- CONTRACTOR HAS VERIFIED FINISHED SURFACE LEVELS ON SITE BEFORE CONSTRUCTION OF SEWERS AND PROPERTY CONNECTION BRANCHES.
- ALL WORK WAS CONSTRUCTED IN ACCORDANCE WITH CURRENT C.O.T. STANDARD METHODS AND DRAWINGS 10400 TO 10460.
- EACH ALLOTMENT IS SERVED BY A 100MM. PROPERTY CONNECTION. THE CONTRACTOR HAD PROPERTY BOUNDARIES PEGGED AND LOCATION OF PROPERTY CONNECTIONS CONFIRMED PRIOR TO COMMENCING CONSTRUCTION OF PROPERTY CONNECTION BRANCHES.
- O.B'S ARE LOCATED 1.5m FROM DOWNSTREAM ALIGNMENT.
- PROPERTY CONNECTION BRANCHES EXTEND INTO THE PROPERTY A MINIMUM OF 1.0m.
- INSTALLATION AND COMPACTION OF TRENCH BACKFILL WAS CARRIED OUT STRICTLY IN ACCORDANCE WITH C.O.T. AUS. SPEC. AND TO THE COMPACTION VALUES SHOWN IN THE JOB SPECIFICATION SCHEDULES.
- ALL WORK ASSOCIATED WITH LIVE SEWERS OR MANHOLES WERE CARRIED OUT BY THE CONTRACTOR UNDER THURINGOWA CITY COUNCIL SUPERVISION.
- THE CONTRACTOR VERIFIED LOCATIONS OF EXISTING SERVICES WITH ALL RELEVANT AUTHORITIES BEFORE COMMENCING CONSTRUCTION.
- THE CONSTRUCTION OF SEWERAGE WORK SHOWN ON THIS DRAWING WAS SUPERVISED IN ACCORDANCE WITH C.O.T. POLICIES AND DEPARTMENT OF LOCAL GOVERNMENT REQUIREMENTS.
- PROPERTY CONNECTIONS CROSSING U/G ELECTRICITY ALLOCATION HAVE A MINIMUM OF 1.0m COVER.
- TOP OF MANHOLES ARE 150mm ABOVE F.S.L. AS PER C.O.T. STANDARD DWGS.
- ROAD CROSSINGS WITH CRUSHER DUST BACKFILL WERE COMPACTED TO NOT LESS THAN 95% OF THE STANDARD MAX. DRY DENSITY TO A.S. 1289, INCLUDING FUTURE ROAD CROSSINGS
- SEWER STRUCTURES ARE LOCATED 15m FROM THE PROPERTY BOUNDARIES U.N.O.

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AND RECORDS THE NATURE AND LOCATION OF THE WORKS  
DEPICTED BY LINES AND HEREON AS THEY HAVE BEEN  
CONSTRUCTED FOR SUBDIVISION.

Dated This 25 day of April 2009



No.	Amendments	Drawn	Design	Appd	Certified	Reg No.	Date
A	ORIGINAL ISSUE	AM	EJC			9310	16.03.09

**BMD consulting**

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Civil Engineers • Structural Engineers • Project Managers • Water Servicing Co-ordinators  
brisbane • cairns • carberra • gladstone • gold coast • mackay • sydney • townsville

Client **URBEX PTY LTD**

Project **KALYNDA CHASE STAGE 7A AS CONSTRUCTED**

Title **SEWER RETICULATION LAYOUT PLAN SHEET 1 OF 2**

Datum **AHD**  
PSM 131851  
RL 19.248  
(MGA) COORD

**AS CONSTRUCTED**

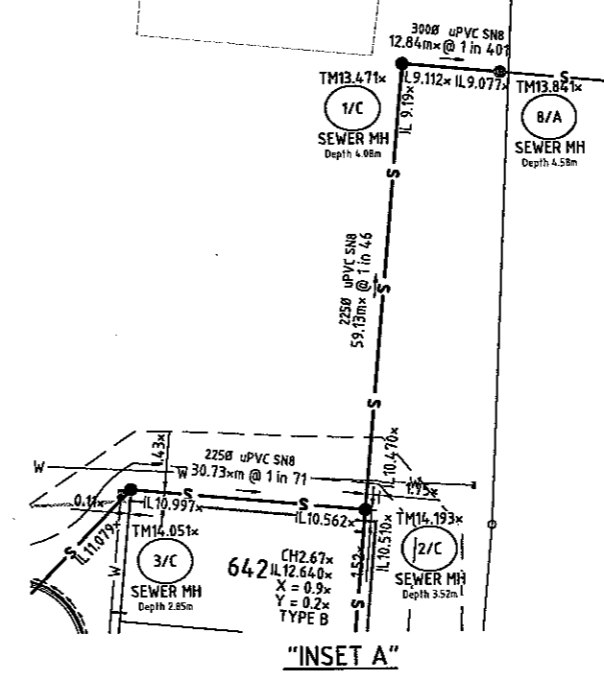
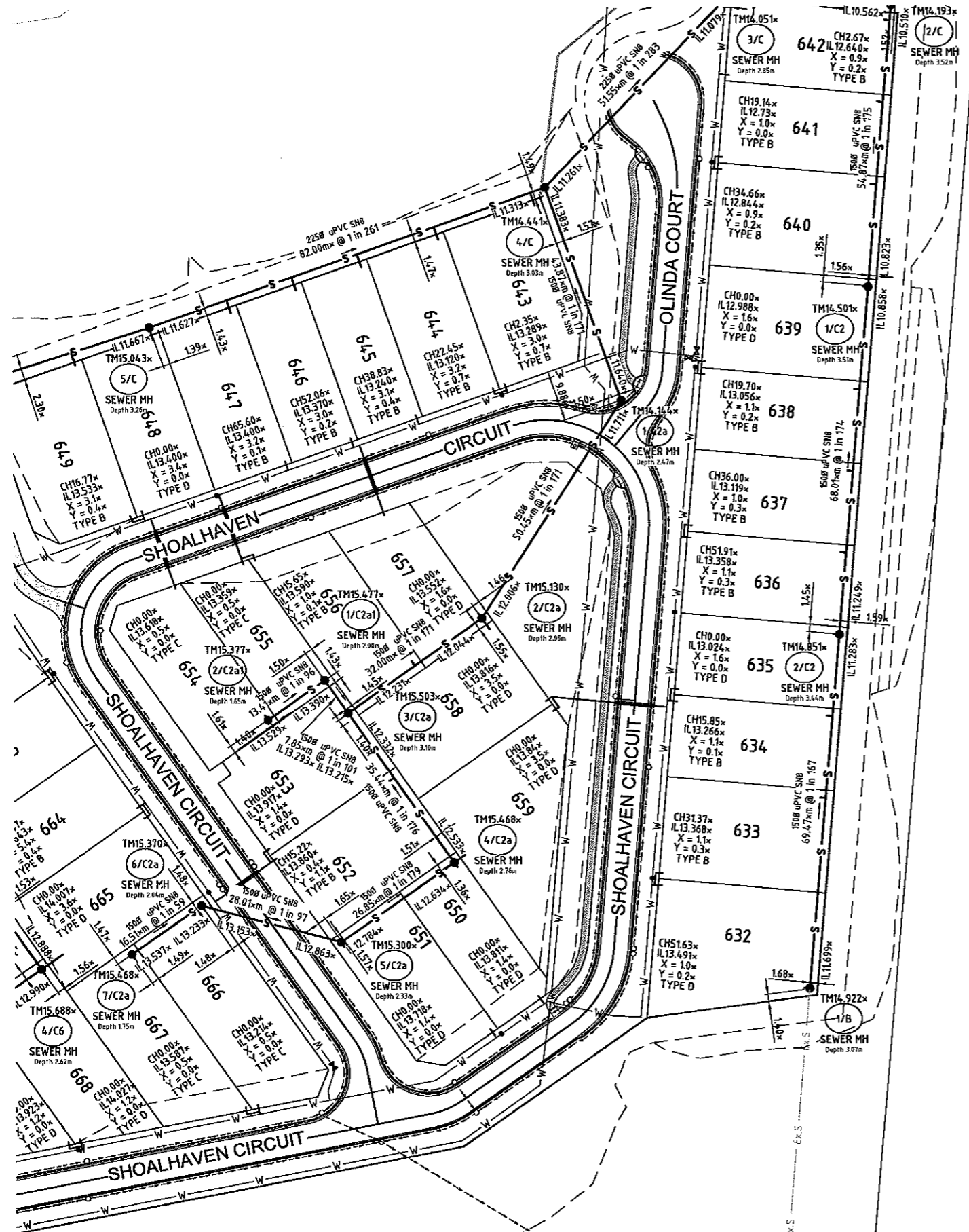
Project No. **CT1372-108**

Drawing No. **A**

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FOR CONTINUATION REFER "INSET A"



HOUSE CONNECTION TYPES	
	TYPE A DIRECT CONN.
	TYPE B IMP-UP
	TYPE C DIRECT CONN. MH
	TYPE D INTERNAL DROP

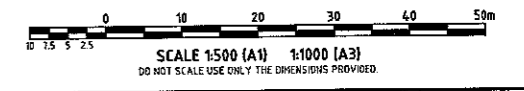
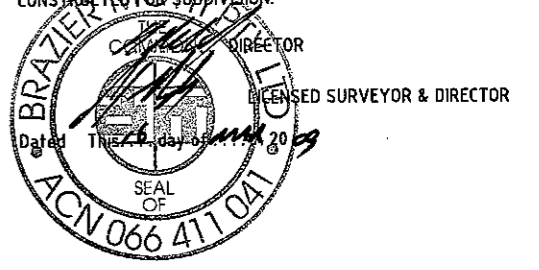
**SEWERAGE LEGEND**

- EXISTING SEWERAGE
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- SEWERAGE
- SEWER MANHOLE (M.H.)  
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MANHOLE NUMBER  
LINE NUMBER
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MANHOLE NUMBER  
LINE NUMBER
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SHAFT (T.M.S.)  
AS CON TOP OF MANHOLE R.L. TM 17.00x  
MANHOLE NUMBER  
LINE NUMBER

**SEWERAGE NOTES**

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2. ALL 100mm DIAMETER SEWER LINES LESS THAN 5.7m DEEP ARE PVCU DWV SN10 IN ACCORDANCE WITH STANDARD AS/NZS 1260:1999, UNLESS SHOWN OTHERWISE.
3. CONTRACTOR HAS VERIFIED FINISHED SURFACE LEVELS ON SITE BEFORE CONSTRUCTION OF SEWERS AND PROPERTY CONNECTION BRANCHES.
4. ALL WORK WAS CONSTRUCTED IN ACCORDANCE WITH CURRENT C.O.T. STANDARD METHODS AND DRAWINGS. 10400 TO 10460.
5. EACH ALLOTMENT IS SERVED BY A 100MM PROPERTY CONNECTION. THE CONTRACTOR HAD PROPERTY BOUNDARIES PEGGED AND LOCATION OF PROPERTY CONNECTIONS CONFIRMED PRIOR TO COMMENCING CONSTRUCTION OF PROPERTY CONNECTION BRANCHES.
6. O.B'S ARE LOCATED 1.5m FROM DOWNSTREAM ALIGNMENT.
7. PROPERTY CONNECTION BRANCHES EXTEND INTO THE PROPERTY A MINIMUM OF 1.0m.
8. INSTALLATION AND COMPACTION OF TRENCH BACKFILL WAS CARRIED OUT STRICTLY IN ACCORDANCE WITH C.O.T. AUS. SPEC. AND TO THE COMPACTION VALUES SHOWN IN THE JOB SPECIFICATION SCHEDULES.
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11. THE CONSTRUCTION OF SEWERAGE WORK SHOWN ON THIS DRAWING WAS SUPERVISED IN ACCORDANCE WITH C.O.T. POLICIES AND DEPARTMENT OF LOCAL GOVERNMENT REQUIREMENTS.
12. PROPERTY CONNECTIONS CROSSING U/G ELECTRICITY ALLOCATION HAVE A MINIMUM OF 1.0m COVER.
13. TOP OF MANHOLES ARE 150mm ABOVE F.S.L. AS PER C.O.T. STANDARD DWGS.
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15. SEWER STRUCTURES ARE LOCATED 1.5m FROM THE PROPERTY BOUNDARIES U.N.O.

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FOR CONTINUATION REFER DRG CT1372-108

No.	Amendments	Drawn	Design	Appd	Certified	Reg No.	Date
A	ORIGINAL ISSUE	AM	EJC			9310	16.03.09



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ABN 23 010 743 692

Client **URBEX PTY LTD**  
Project **KALYDA CHASE STAGE 7A AS CONSTRUCTED**  
Title **SEWER RETICULATION LAYOUT PLAN SHEET 2 OF 2**

Date **AHD PSM 131651 RL 19.249 (MGA) COORD**  
Project No. **AS CONSTRUCTED**  
Drawing No. **CT1372-109**  
Rev **A**

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