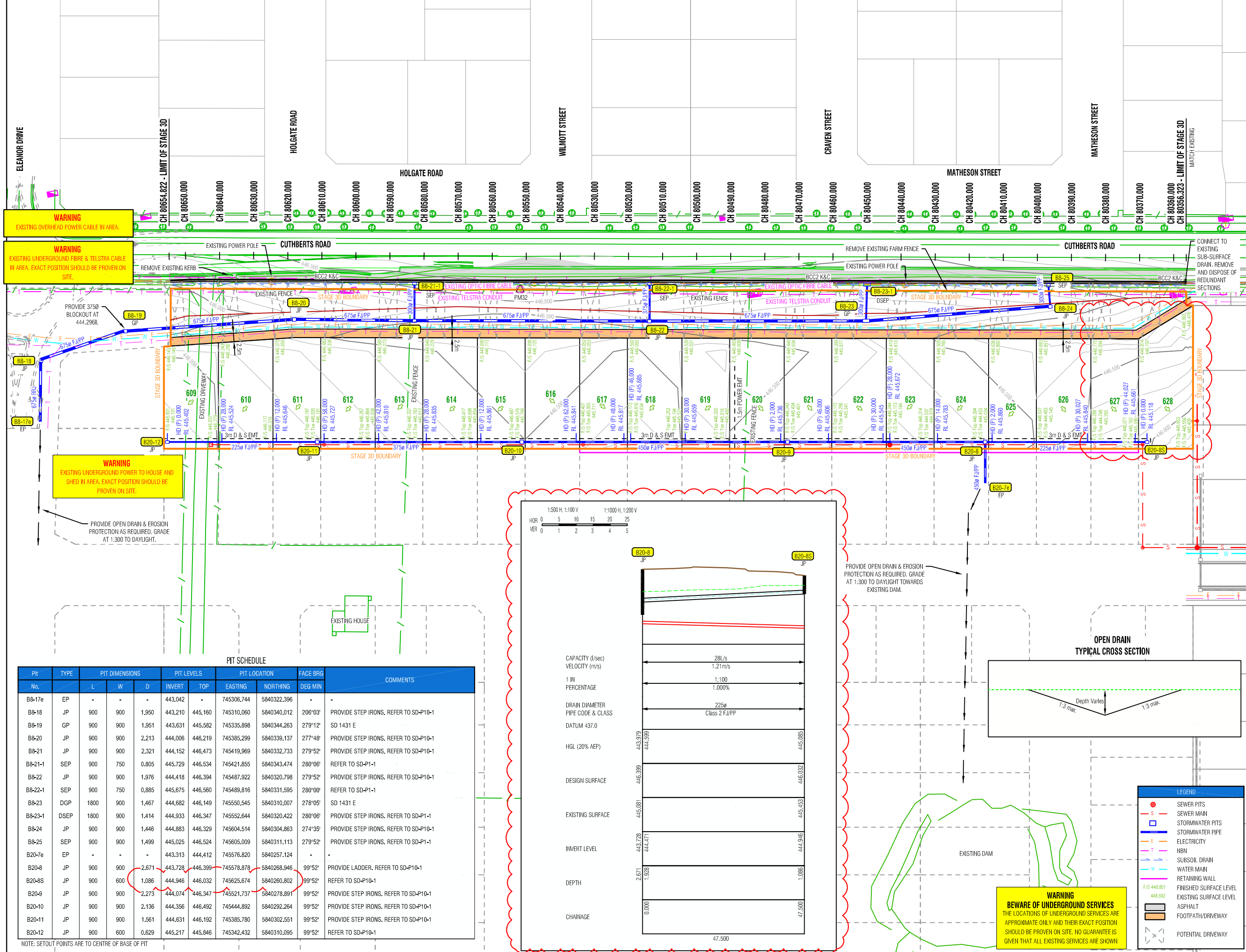


- General Notes
- ALL HD CONNECTIONS WITH CHAINAGE TO CONNECT TO UNDERGROUND DRAINAGE
  - RUNNING CHAINAGE OF HD TAKEN FROM NEXT DOWNSTREAM PIT. ALL OTHER HD CONNECTIONS ARE TO KERB.
  - SUBSURFACE DRAINS TO OUTLET TO DRAINAGE FITS
  - ROAD DIMENSIONS ARE SHOWN TO LIP OF KERB AND CHANNEL
  - RL SHOWN AT HOUSE DRAINS ARE INVERT OF PIPE AT 300mm INSIDE TITLE BOUNDARY/EASEMENT. HOUSE DRAINS MUST NOT BE HIGHER THAN LEVEL SHOWN.
  - ALL DRAINAGE PIT LIDS TO BE CLASS "B" UNLESS OTHERWISE NOTED.
  - DRAINAGE PIPES ARE TO BE RCP OR RIBBED POLYPROPYLENE PIPES (PP) AS APPROVED BY THE CITY OF BALLARAT.
  - ALL DRAINAGE PIPES ARE TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.
  - POTENTIAL DRIVEWAY LOCATIONS SHOWN ARE INDICATIVE ONLY. IT IS THE RESPONSIBILITY OF THE PURCHASER TO APPLY FOR THE RELEVANT APPROVALS AND CONSTRUCT THE DRIVEWAY.
  - SERVICES WITHIN LOTS EASEMENTS ARE LOCATED AS PER BELOW.
    - DRAINAGE 2m FROM TITLE BOUNDARY.
    - SEWER AT 1m FROM TITLE BOUNDARY.

**SAFETY FIRST**  
SAFETY STARTS WITH YOU



Rev	Amendment	Initials	Date
D			
C	Pit B20-8S Moved & Profile Amended	DG	06/05/24
B	Retaining Wall Removed/Amended, Top of Pit B20-8S & HD RLs Amended, Profile Added.	DG	01/03/24
A	Issued for Construction	DG	08/02/24



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Project  
**LUCAS GRANGE ESTATE RESIDENTIAL SUBDIVISION STAGE 3D LUCAS**

Authority  
Ballarat City Council - (03) 5320 5500

Drawing Title  
**DRAINAGE PLAN**

Status  
**APPROVED ISSUED FOR CONSTRUCTION**

Designer: D.Georgalas  
Checker: T.Oldaker  
Verified: [Signature]  
Scale (A1): 1:500  
Scale (A3): 1:1000

Sheet Number  
**4 of 10**

Drawing Number  
**LUG3D-CD-004 C**

Pit No.	TYPE	PIT DIMENSIONS			PIT LEVELS		PIT LOCATION		FACE BRG DEG MIN	COMMENTS
		L	W	D	INVERT	TOP	EASTING	NORTHING		
B8-17e	EP	-	-	-	443.042	-	745306.744	5840322.396	-	-
B8-18	JP	900	900	1.950	443.210	445.160	745310.060	5840340.012	208°03'	PROVIDE STEP IRONS, REFER TO SD-P10-1
B8-19	GP	900	900	1.951	443.631	445.582	745335.898	5840344.263	279°12'	SD 1431 E
B8-20	JP	900	900	2.213	444.006	446.219	745385.299	5840339.137	277°48'	PROVIDE STEP IRONS, REFER TO SD-P10-1
B8-21	JP	900	900	2.321	444.152	446.473	745419.969	5840332.733	279°52'	PROVIDE STEP IRONS, REFER TO SD-P10-1
B8-21-1	SEP	900	750	0.805	445.729	446.534	745421.855	5840343.474	280°06'	REFER TO SD-P1-1
B8-22	JP	900	900	1.976	444.418	446.394	745487.922	5840320.798	279°52'	PROVIDE STEP IRONS, REFER TO SD-P10-1
B8-22-1	SEP	900	750	0.885	445.675	446.560	745489.816	5840331.595	280°00'	REFER TO SD-P1-1
B8-23	DGP	1800	900	1.467	444.682	446.149	745550.545	5840310.007	278°05'	SD 1431 E
B8-23-1	DSEP	1800	900	1.414	444.933	446.347	745552.644	5840320.422	280°06'	PROVIDE STEP IRONS, REFER TO SD-P1-1
B8-24	JP	900	900	1.446	444.883	446.329	745604.514	5840304.863	274°35'	PROVIDE STEP IRONS, REFER TO SD-P10-1
B8-25	SEP	900	900	1.499	445.025	446.524	745605.009	5840311.113	279°52'	PROVIDE STEP IRONS, REFER TO SD-P1-1
B20-7e	EP	-	-	-	443.313	444.412	745576.820	5840257.124	-	-
B20-8	JP	900	900	2.671	443.728	446.399	745578.878	5840268.946	99°52'	PROVIDE LADDER, REFER TO SD-P10-1
B20-8S	JP	900	600	1.086	444.946	446.032	745625.674	5840260.802	99°52'	REFER TO SD-P10-1
B20-9	JP	900	900	2.273	444.074	446.347	745521.731	5840278.891	99°52'	PROVIDE STEP IRONS, REFER TO SD-P10-1
B20-10	JP	900	900	2.136	444.356	446.492	745444.892	5840292.264	99°52'	PROVIDE STEP IRONS, REFER TO SD-P10-1
B20-11	JP	900	900	1.561	444.631	446.192	745385.780	5840302.551	99°52'	PROVIDE STEP IRONS, REFER TO SD-P10-1
B20-12	JP	900	600	0.629	445.217	445.846	745342.432	5840310.095	99°52'	REFER TO SD-P10-1

NOTE: SETOUT POINTS ARE TO CENTRE OF BASE OF PIT

This plan is provided for marketing and information purposes only, it shows design levels only which may change during construction. Builders should check all information prior to the building process. Where discrepancies exist between the plan of subdivision and this plan, the plan of subdivision shall be taken as correct. It is the responsibility of the prospective purchaser to confirm prior to purchase, all lot levels, fill depth and all service locations are correct.