



**LEGEND**

**WATER AND WASTE WATER**

- W— POTABLE WATERMAIN
- S— GRAVITY SEWER LINE
- - -W- - - EXISTING WATERMAIN
- - -S- - - EXISTING SEWER LINE

**ELECTRICAL**

- E(OH)— ELECTRICAL OVERHEAD - DESIGN
- E(U)— ELECTRICAL UNDERGROUND - DESIGN
- <sup>EP</sup> POLE - DESIGN
- ☐ TRANSFORMER - DESIGN
- <sup>MSB</sup> MAIN SWITCHBOARD (MSB)
- - -E(TL)- - - EXISTING ELECTRICAL OVERHEAD - 66kv
- - -E(OH)- - - EXISTING ELECTRICAL OVERHEAD - 33kv
- <sup>EP</sup> POLE - EXISTING

**GENERAL**

- ▭ LAND ACQUISITION AREA
- ▭ WASTEWATER IRRIGATION AREA (IF REQUIRED)
- - - DCDB CADASTRE
- - - BOUNDARY SETBACKS

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**UTILITIES NOTES:**  
WATER AND WASTE WATER

1. THE PREFERENCE OF THE PROJECT AND OF FLINDERS SHIRE COUNCIL IS TO CONNECT WASTEWATER TO THE MUNICIPAL SEWERAGE SYSTEM TO THE NORTH AS SHOWN. THE APPROXIMATE AREA OF LAND THAT MAY BE REQUIRED IF THIS SITE WAS TO BE APPROVED FOR TREATED ON-SITE WASTEWATER IRRIGATION IS ALSO SHOWN. HOWEVER, FLINDERS SHIRE COUNCIL HAS ADVISED IT WOULD BE UNLIKELY TO SUPPORT ON-SITE IRRIGATION AS THERE ARE MUNICIPAL WASTEWATER CONNECTIONS AVAILABLE WHICH SUIT THE TOWN PLANNING SCHEME. VIABILITY OF THE MUNICIPAL CONNECTIONS ARE TO BE CONFIRMED DURING DETAILED DESIGN.
2. WATER SUPPLY FOR POTABLE USES IS TO BE BY WAY OF THE EXISTING MAIN ALONG THE FLINDERS HIGHWAY. NON- POTABLE WATER CAN BE OBTAINED FROM BORE WATER SOURCES.

**ELECTRICAL**

3. WHERE PRACTICAL UGL/CPB JV'S PREFERENCE IS TO CONNECT TO AN ERGON ENERGY SUPPLY RATHER THAN OPERATE THE CAMP FROM GENERATORS.
4. ERGON TO PROVIDE NEW POINT OF SUPPLY AND CONNECTION FROM EXISTING 33KV OVERHEAD LINE ALONG THE WESTERN BOUNDARY OF THE SITE WHERE IT MEETS THE NORTHERN ACCESS ROAD.
5. EARLY ENGAGEMENT WITH ERGON ENERGY IS UNDERWAY AND ERGON HAVE ADVISED THAT FEEDER CAPACITY IS AVAILABLE TO MEET EXPECTED 1000kVA.
6. ERGON ADVISED THAT DUE TO DISTRIBUTION VOLTAGE OF 33KV, THAT 2 x 500kVA POLE MOUNTED TRANSFORMERS WILL NEED TO BE PROVIDED, WITH DETAILS TO BE CONFIRMED DURING DETAILED DESIGN.

TO PROTECT THE ENVIRONMENT, CLEARING SHALL BE IN ACCORDANCE WITH THE SPECIFICATION AND CONFINED TO THAT REQUIRED FOR EARTHWORKS, DRAINAGE AND FENCING. EXISTING TREES, SHRUBS AND GRASSES NOT AFFECTED BY THE ABOVE WORKS SHALL BE RETAINED AND DISTURBED AS LITTLE AS POSSIBLE.

**-WARNING-**  
BEWARE OF UNDERGROUND SERVICES  
THE LOCATION OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THE EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL SERVICES ARE SHOWN.

REFERENCE FILES ATTACHED: CU2-HU00-XRF-PAS-100-1950; CU2-HU00-XRF-PAS-100-1850; CU2-HU00-XRF-PAS-100-1155; CU2-HU00-XRF-PAS-100-1115; CU2-HU00-XRF-PAS-100-1190; CU2-HU00-XRF-PAS-100-1160

No.	DESCRIPTION	DRAWN	DESIGNED	REVIEWED	DATE
1	REVISION UPDATE - ISSUE FOR APPROVAL	D.McKenzie	C.Squires	A.Bool	08/02/2024
0	ISSUE FOR APPROVAL	D.McKenzie	C.Squires	A.Bool	08/09/2023

APPROVED

ORIGINAL COPY ON FILE  
e<sup>s</sup> SIGNED BY  
Arthur Bool RPEQ 10564  
Chris Squires RPEQ 22749

SIGNED

DATE 08/09/2023

SCALE (PLOTTED FULL SIZE) 1:5000

SHEET SIZE A3

50 0 50 100 150 200  
SCALE IN METRES - 1:5000

**pitt&sherry**

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CLIENT	UGL / CPB JV
PROJECT	COPPERSTRING 2032 - CAMPS CONSTRUCTION FACILITIES
STATUS	FOR APPROVAL

DRAWING TITLE	HUGHENDEN - CAMP & LAYDOWN UTILITIES CONNECTION PLAN		
DATUMS:	GDA20 Z55	CLIENT No.	CU2
DRAWING No.	CU2-HU00-DRG-PAS-100-0004	REVISION	1
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