

**LOCATION PLAN**  
PADMOUNT SUBSTATION & AERIAL SERVICES  
SCALE 1:1000

UNRESTRICTED 24-HOUR ENERGEX PERSONNEL ACCESS FROM GEMVALE ROAD TO THE ENERGEX PADMOUNT SUBSTATION. 25 TONNE LOAD CAPACITY WITH A 4000 MINIMUM WIDTH CLEAR ACCESS FROM GEMVALE ROAD TO THE ENERGEX PADMOUNT SUBSTATION. THE TURNING RADIUS ALONG THE ACCESS FROM GEMVALE ROAD TO THE ENERGEX PADMOUNT SUBSTATION HAS A MINIMUM TURNING RADII - 4900 INSIDE, 7400 OUTSIDE WITH A 9000 MINIMUM OUTSIDE RADIUS FOR EQUIPMENT ACCESS.

ENERGEX POLE SP1082977 MOUNT TRANSFORMER AND POLE TO BE REMOVED ONCE THE NEW PADMOUNT SUBSTATION IS OPERATIONAL.

ENERGEX POLE P95920 TO BE REMOVED ONCE THE NEW PADMOUNT SUBSTATION IS OPERATIONAL.

EXISTING SECOND ENERGEX SERVICE TO THE PROPERTY TO BE REMOVED.

EXISTING ENERGEX POLE P29018-B

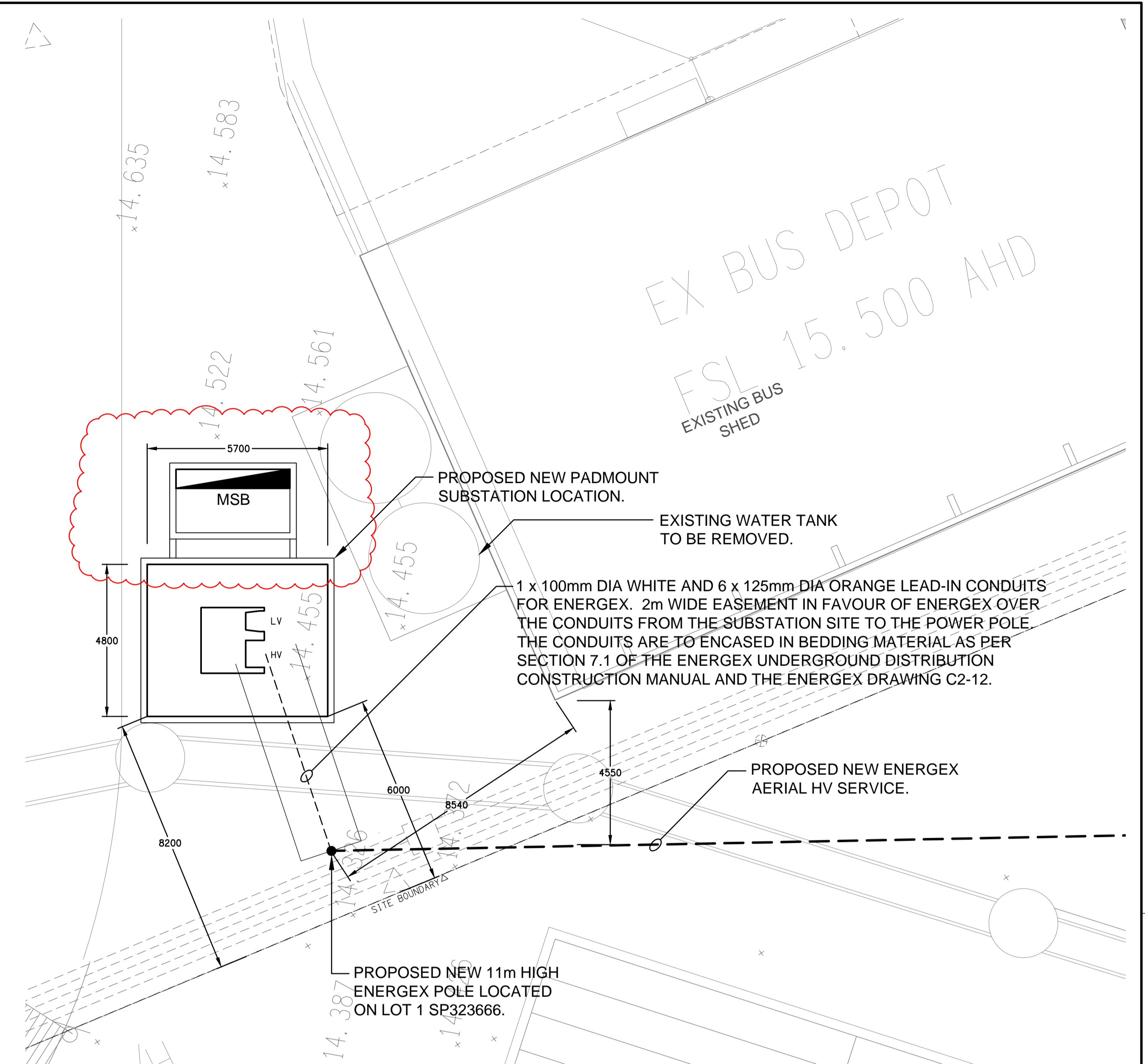
EXISTING ENERGEX POLE P3846-C

PROPOSED NEW ENERGEX AERIAL HV SERVICE.

EXISTING OVERHEAD HV SERVICE TO BE RELOCATED UNDERGROUND AS A SEPERATE PROJECT.

POLE P29020

ENERGEX POLE



**DETAIL**  
PADMOUNT SUBSTATION & AERIAL SERVICE  
SCALE 1:100

EX BUS DEPOT  
FSL 15.500 AHD  
EXISTING BUS SHED



ENERGEX ACCEPTANCE	
NAME	.....
OFFICE	.....
SIGNED	.....
DATE	/ /
ENERGEX takes no responsibility for	

ELECTRICAL DESIGN GROUP BRISBANE PTY LTD  
ACN 092 710 793  
TRADING AS:  
ELECTRICAL DESIGN GROUP

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USE FIGURED DIMENSIONS IN PREFERENCE TO SCALE.  
ALL DIMENSIONS TO BE VERIFIED ONSITE.

CULVERT INSPECTION REQUIRED BEFORE TRANSFORMER IS DELIVERED - 5 BUSINESS DAYS PRIOR NOTICE NEEDED.  
CONTACT: MATTHEW RITCHIE PH: 0409766249 EMAIL: matthewritchie@energeX.com.au  
TRANSFORMER WILL NOT BE ENERGISED UNTIL ALL REQUIREMENTS ARE MET.

**ELECTRICAL DESIGN GROUP**  
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PROJECT:  
KINGS CHRISTIAN COLLEGE - REEDY CREEK  
GLAs & STUDENT SERVICES KCC49  
68 GEMVALE ROAD, REEDY CREEK, QUEENSLAND

D	CONSTRUCTION	29/11/2024
REV.	DESCRIPTION:	DATE:

DRAWING:  
**ELECTRICAL SERVICES**  
ENERGEX PADMOUNT SUBSTATION  
LOCATION PLAN  
SCALE: 1:1000 & 1:100 AT A1  
PROJECT NO: **C2717a**  
DRAWING NO: **E15**  
REVISION: **D**