



LEGEND:

ABN 22 004 873 634

Level 11, 44 Market Street
Sydney, NSW, Australia 2060
PO Box Q410, QVB Post Office, Sydney, NSW 1230
T +61 (2) 8295 7555 F +61 (2) 8295 7500
E sydney@bassett.com.au
www.bassett.com.au

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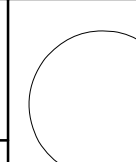
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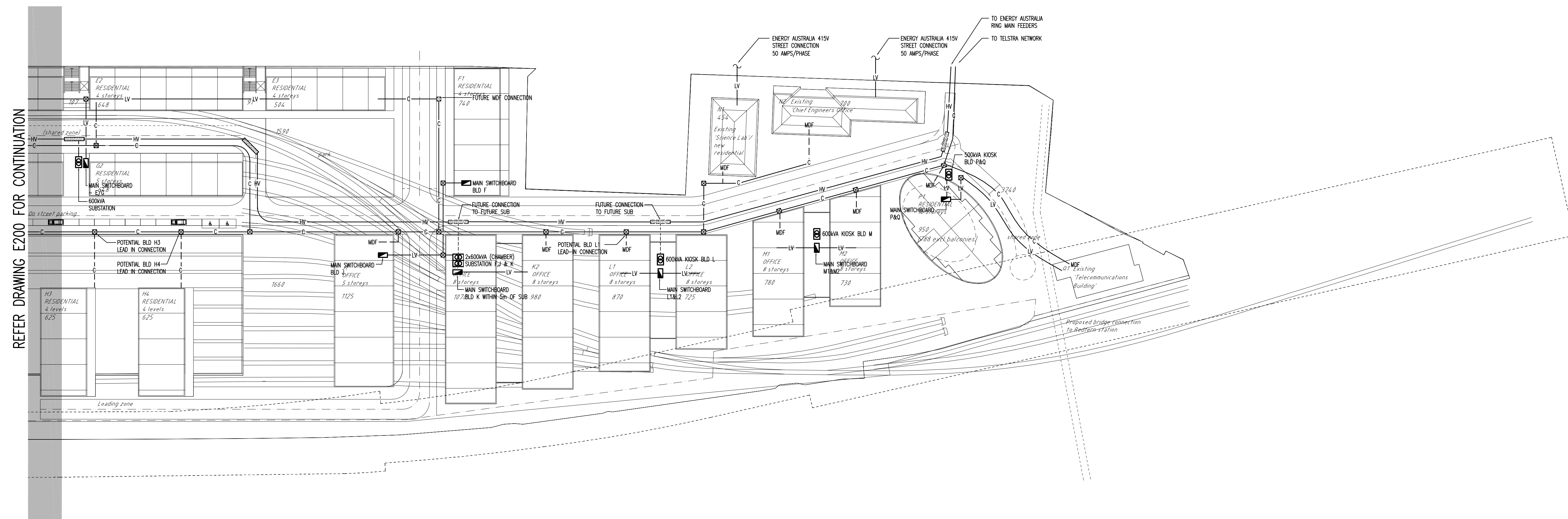
**NORTH EVELEIGH
MASTERPLAN
CONCEPT DESIGN**

Drawing Title

ELECTRICAL SERVICES

PROPOSED RETICULATION - EAST

Scale @ B1	1:750	Checked	JW
Date	Mar '08	Approved	
Drawn	MK	Verified	
Project No.	Drawing No.	Revision	
60041954	E200	02	
Status			
PRELIMINARY			
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- | | |
|---|---|
|  | NEW ELECTRICAL PIT. |
| — LV — | NEW 415V INFRASTRUCTURE CONDUITS.
6 OFF Ø105mm HD—UPVC. |
| — HV — | NEW ELECTRICAL PIT. |
| — C — | NEW COMMUNICATIONS CONDUIT. |
| — E — | EXISTING ENERGY AUSTRALIA HV DUCTS. |
| — BT — | EXISTING TELSTRA DUCTS (8 OFF). |
|  | 11kV/415V CONSUMER SUBSTATION, KIOSK/PADMOUNT
TYPE UNLESS NOTED OTHERWISE. EASEMENT REQUIRED
FOR PADMOUNT SUB APPROXIMATELY 3.3x5.5m. |

MDF FUTURE TELECOMMUNICATIONS MAIN DISTRIBUTION FRAME

Consulting Engineer

BASSETT

ect

NORTH EVELEIGH MASTERPLAN CONCEPT DESIGN

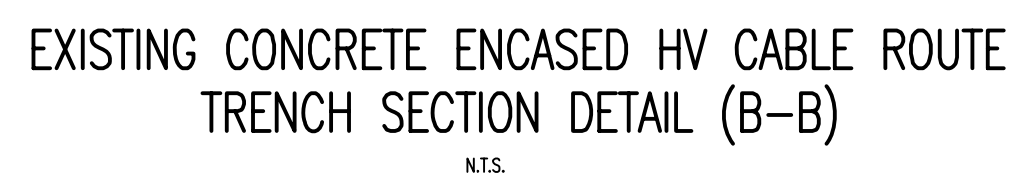
ELECTRICAL SERVICES

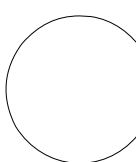
PROPOSED RETICULATION - WEST

File @ B1	1:750	Checked	JW
File	Mar' 08	Approved	
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Sheet No. - of - 

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Consulting Engineer			
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Level 11, 44 Market Street Sydney, NSW, Australia 2060 PO Box Q410, QVB Post Office, Sydney, NSW 1230 T +61 (2) 8295 7555 F +61 (2) 8295 7500 E sydney@bassett.com.au www.bassett.com.au		An AECOM Company	
Project			
NORTH EVELEIGH MASTERPLAN CONCEPT DESIGN			
Drawing Title			
ELECTRICAL SERVICES PROPOSED SERVICES DETAIL			
Scale @ B1		Checked JW	
Date Mar '08		Approved	
Drawn MK		Verified	
Project No. 60041954		Drawing No. E202	Revision 02
Status PRELIMINARY			
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NOTES:

1. DISCONNECT EXISTING LOW VOLTAGE CABLE FROM EXISTING T.E.S. DB (OUTGOING FEEDS TO SCIENTIFIC SERVICES BUILDING, DB-EAST e.t.c) AND SWING ACROSS TO NEW DISTRIBUTION BOARD.
2. PROVIDE NEW EARTH ELECTRODE AND PE SYSTEM FOR NEW MAIN SWITCHBOARD/SUPPLY

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Project

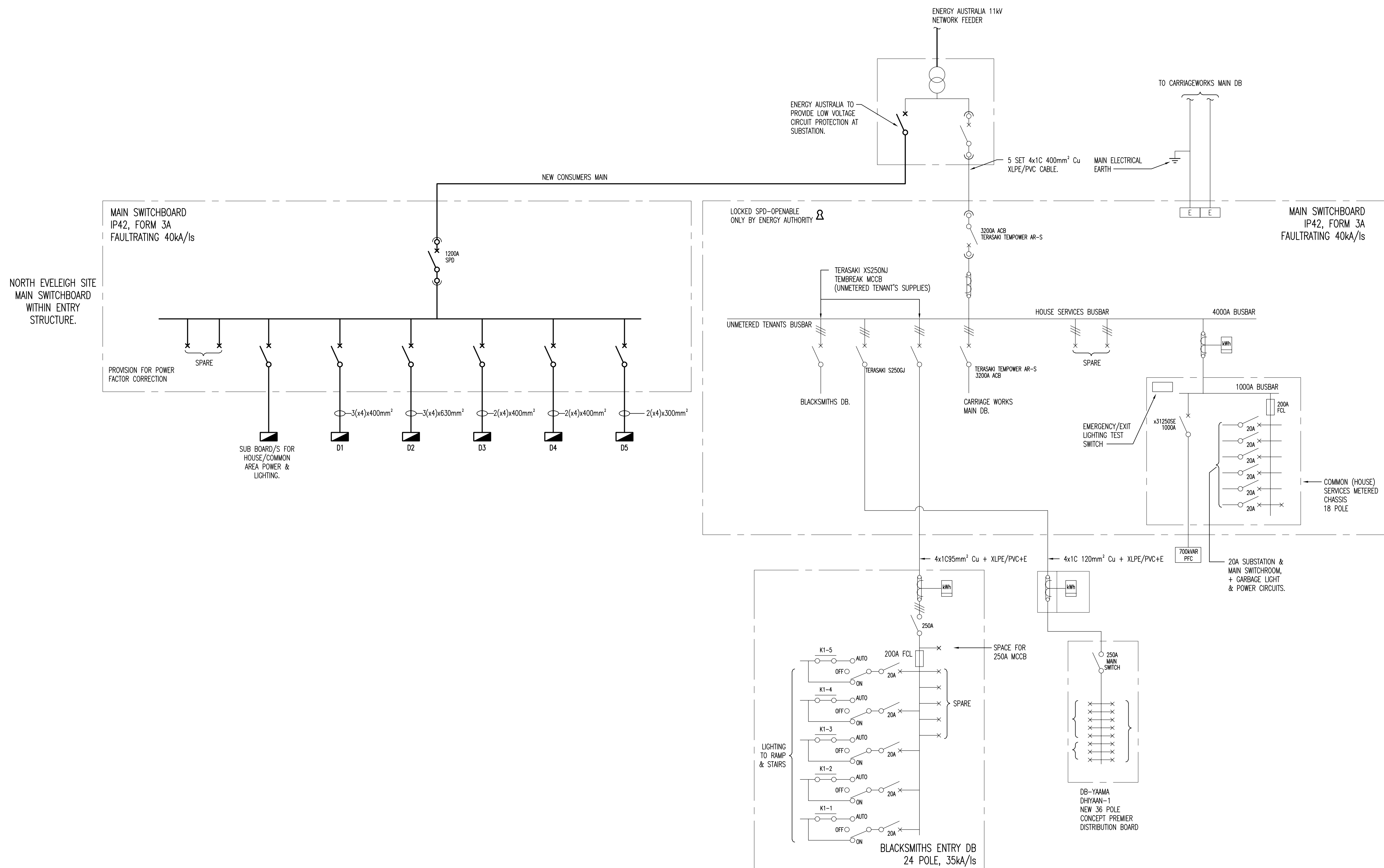
NORTH EVELEIGH MASTERPLAN CONCEPT DESIGN

Drawing Title

ELECTRICAL SERVICES

PROPOSED ELECTRICAL SCHEMATIC

Scale @ B1	1:750	Checked	JW
Date	Mar '08	Approved	
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60041954	E300	02	
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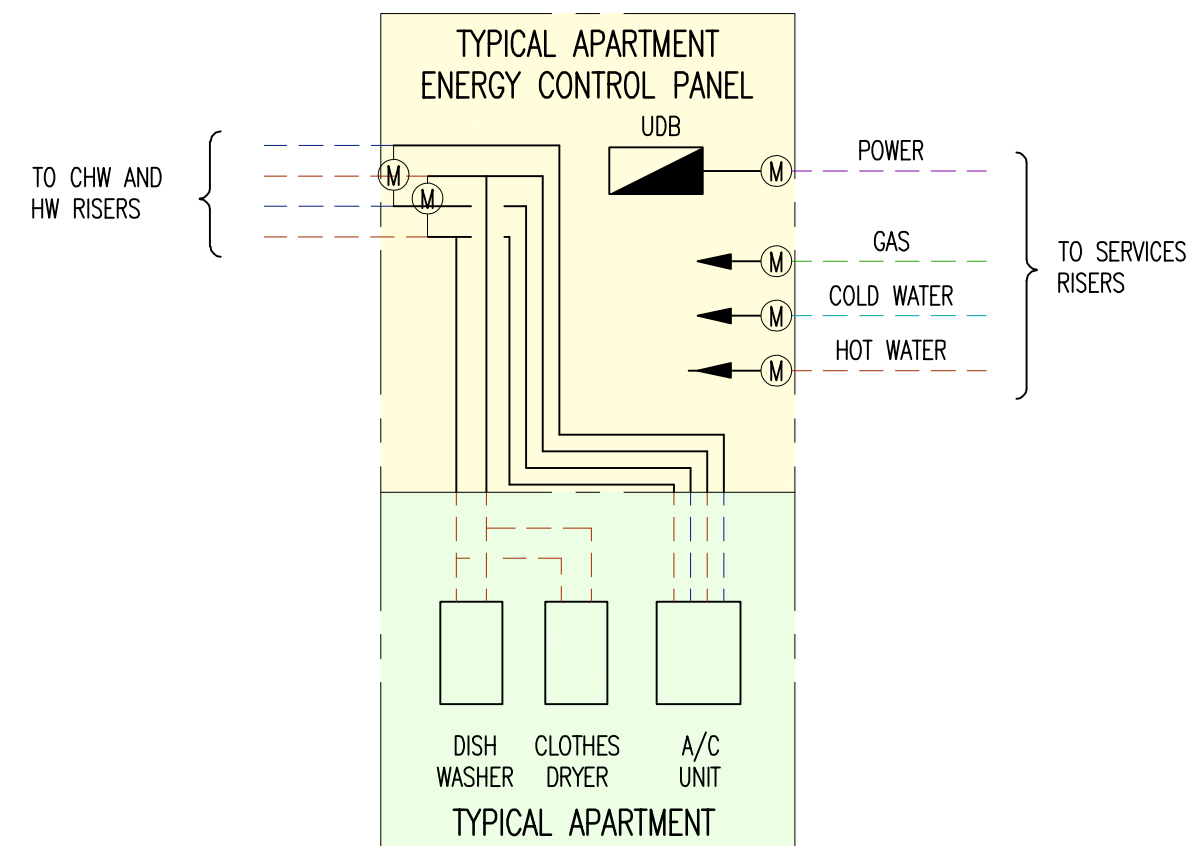
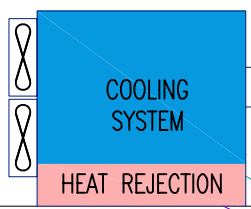
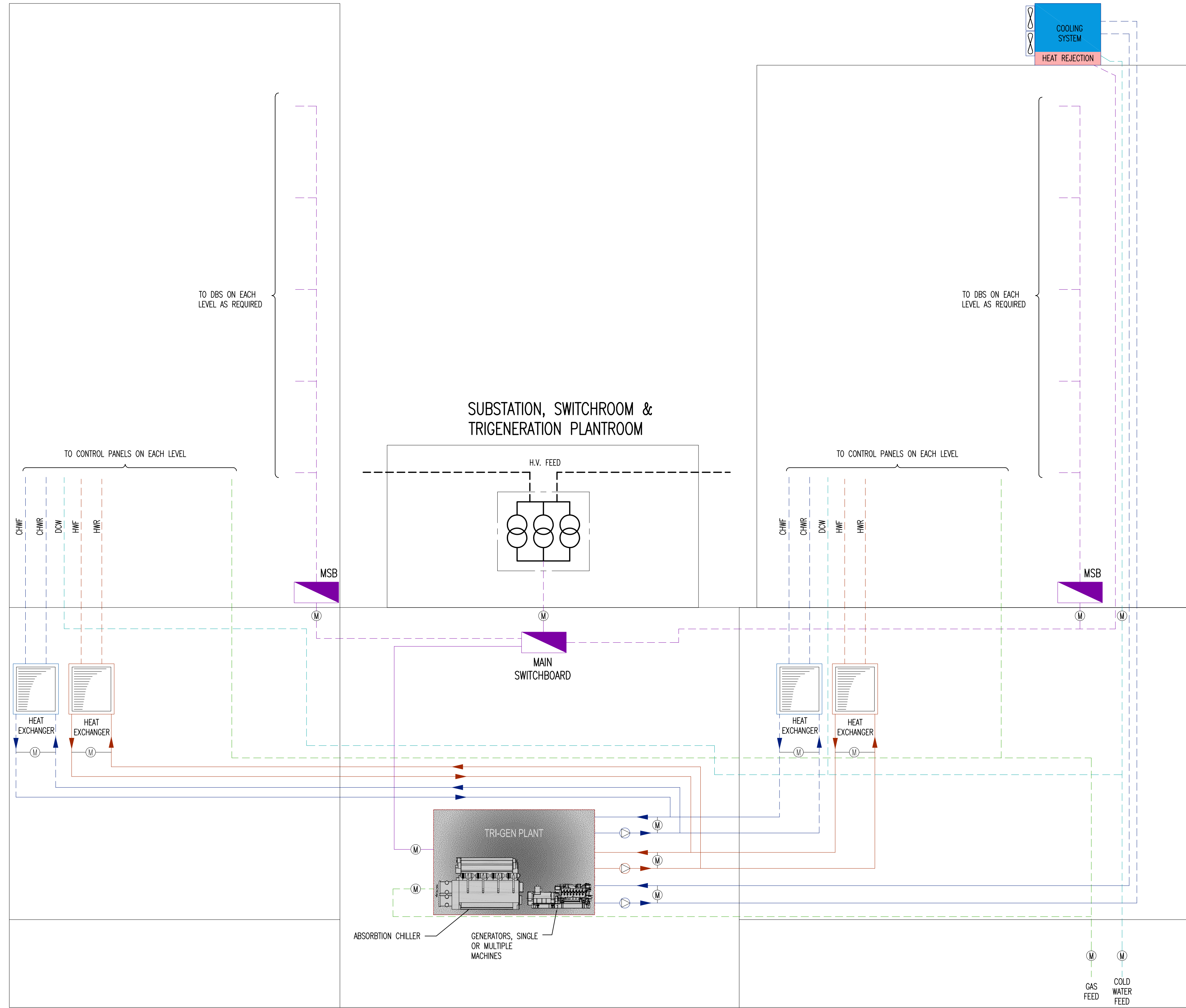


SINGLE LINE DIAGRAM

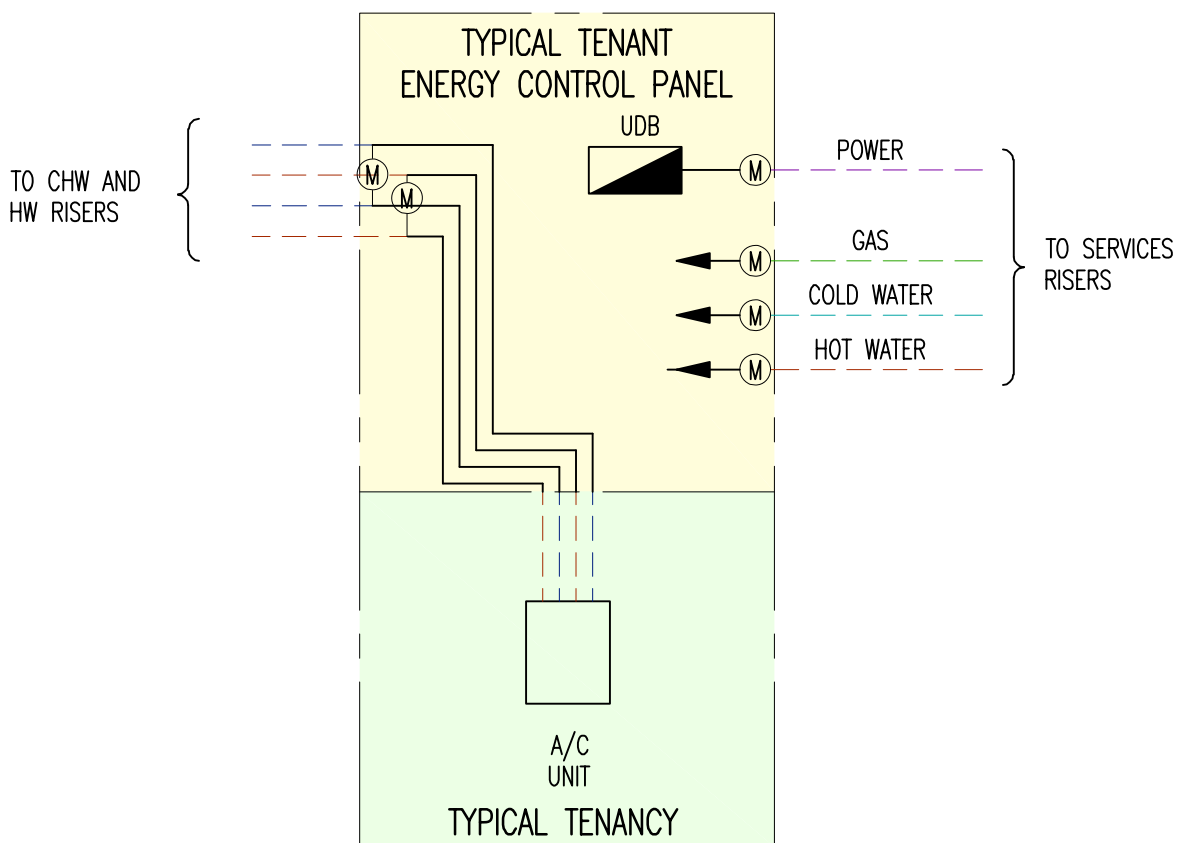
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BUILDING A
RESIDENTIAL

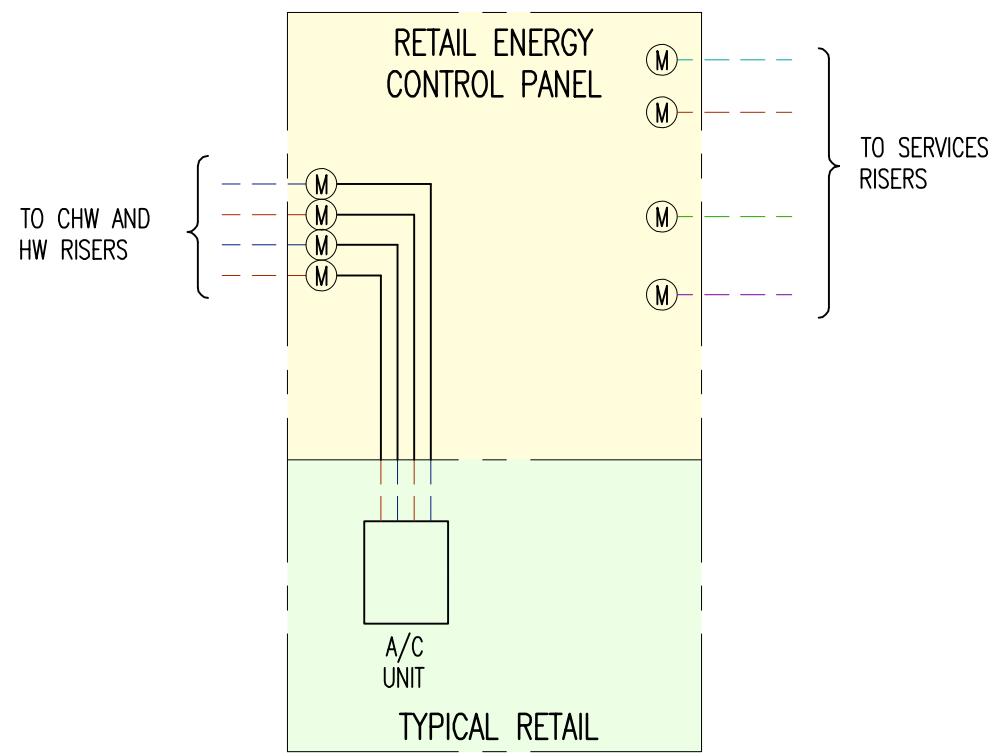
BUILDING P
RESIDENTIAL/RETAIL



TYPICAL RESIDENTIAL CONNECTIONS



TYPICAL COMMERCIAL CONNECTIONS



TYPICAL RETAIL CONNECTIONS

LINETYPE LEGEND

- CHILLED WATER FLOW & RETURN
- COLD WATER FLOW & RETURN
- HOT WATER FLOW & RETURN
- GAS
- ELECTRICITY

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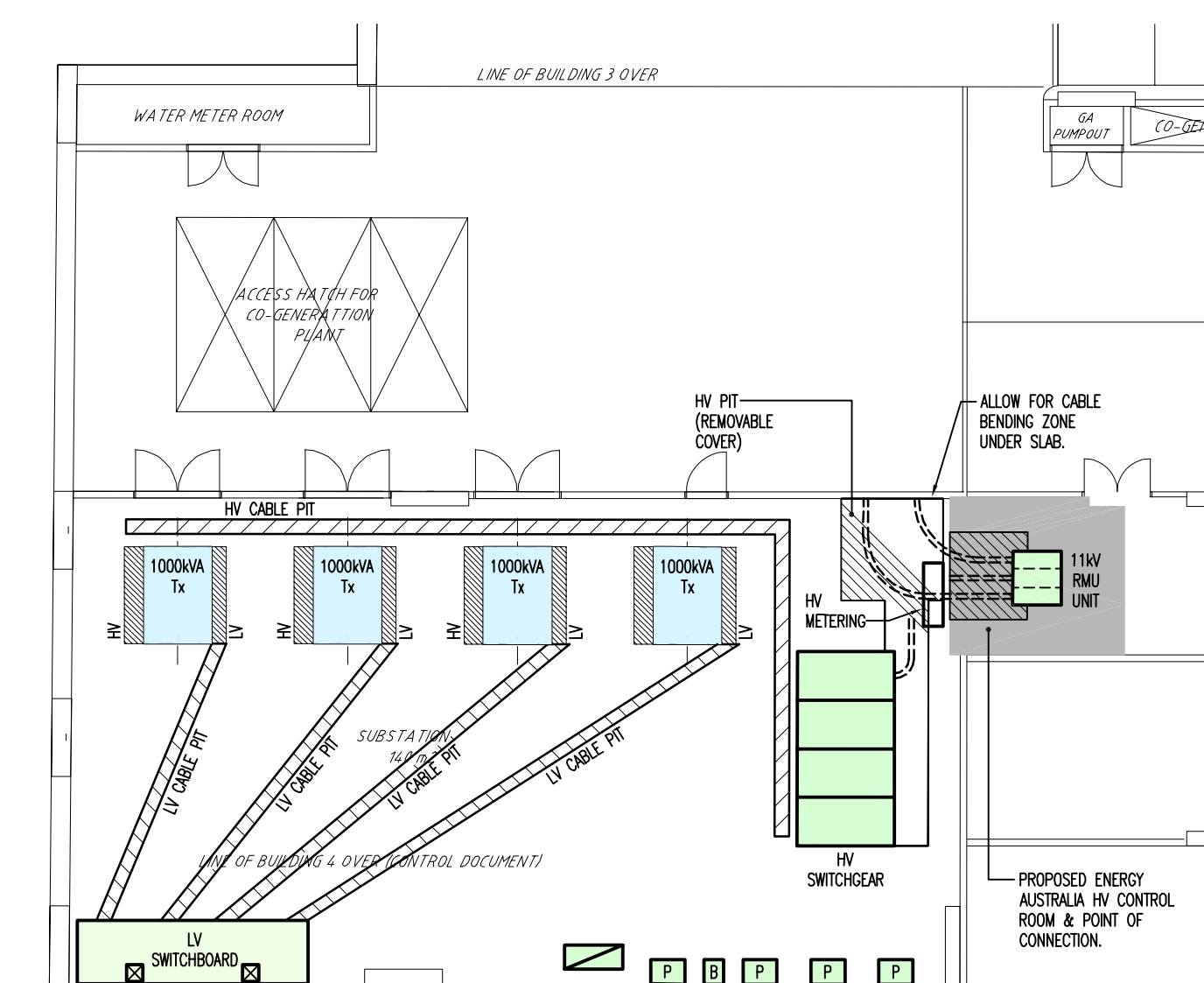
Project

**NORTH EVELEIGH
MASTERPLAN
CONCEPT DESIGN**

Drawing Title

ELECTRICAL SERVICES
TYPICAL TRIGENERATION SCHEME
SHEET 1

Scale @ B1	1:500	Checked	JW
Date	Mar' 08	Approved	
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Project No.	60041954	Drawing No.	E400
		Revision	01
Status	PRELIMINARY		
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Project

NORTH EVELEIGH MASTERPLAN CONCEPT DESIGN

Drawing Title

ELECTRICAL SERVICES

TYPICAL TRIGENERATION SCHEME
SHEET 2 OF 2

Scale @ B1	1:500	Checked	JW
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Project No.	60041954	Drawing No.	E401
			01
Status	PRELIMINARY		
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