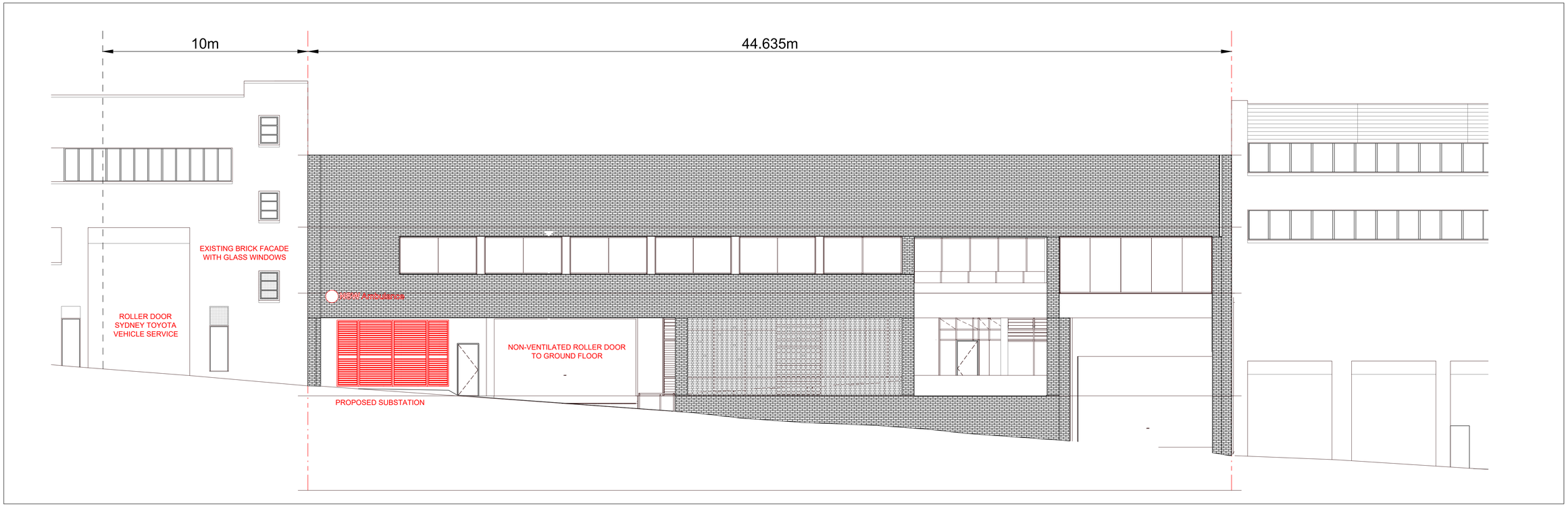
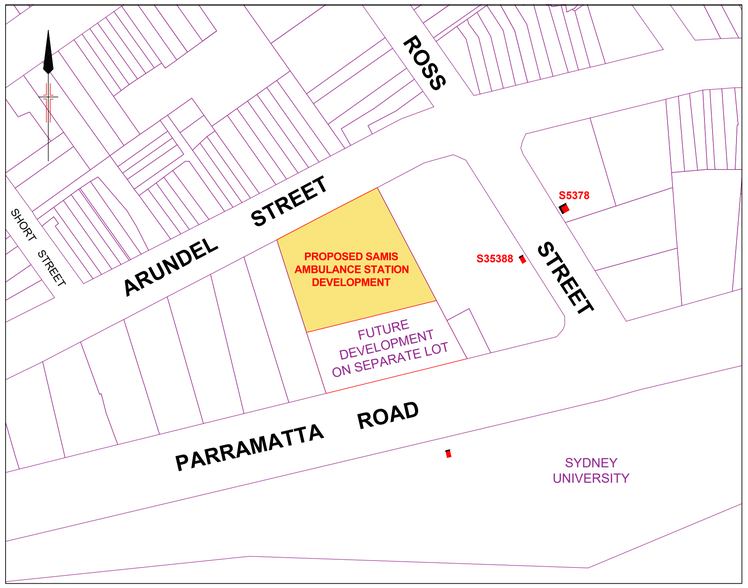


ARUNDEL STREET EXTENDED ELEVATION

SCALE 1:100

SCALE 1 : 100

0 2 4 6 8 10 METRES



LOCATION PLAN

N.T.S.

PROPOSED DESIGN SCOPE

- HEALTH INFRASTRUCTURE HAVE DEVELOPED THE SYDNEY AMBULANCE METROPOLITAN INFRASTRUCUTRE STRATEGY (SAMIS) PROGRAM TO RESHAPE NSW AMBULANCE'S OPERATIONS IN METROPOLITAN SYDNEY. THE PROPOSED SAMIS AMBULANCE STATION DEVELOPMENT AT 42-50 PARRAMATTA ROAD IS THE LAST OF 11 "SUPERSTATIONS" TO BE CONSTRUCTED. IT IS CRITICAL FOR DELIVERY OF AMBULANCE SERVICES ACROSS CENTRAL SYDNEY.
- THE DEVELOPMENT SITE AT 42-50 PARRAMATTA ROAD IS TO BE SUBDIVIDED INTO TWO LOTS. THE AMBULANCE STATION WILL BE CONSTRUCTED ON THE ARUNDEL STREET FRONTAGE AND HAS NO FRONTAGE TO PARRAMATTA ROAD. THE STREET ADDRESS FOR THIS LOT IS EXPECTED TO CHANGE WHEN THE SUBDIVISION IS REGISTERED ON TITLE. THE SECOND LOT FRONTING PARRAMATTA ROAD WILL BE SUBJECT TO A FUTURE DEVELOPMENT THAT HAS NOT YET BEEN DETERMINED.
- THE PREVIOUS STRUCTURES THAT OCCUPIED THE SITE HAVE BEEN DEMOLISHED DOWN TO BASEMENT LEVEL AND CONSTRUCTION ON THE PROPOSED SAMIS AMBULANCE STATION DEVELOPMENT HAS COMMENCED.
- AUSGRID'S DESIGN OFFER REQUESTS THE ESTABLISHMENT OF A SUBSTATION ON THE DEVELOPMENT.
- THE MAXIMUM DEMAND OF THE PROPOSED SAMIS AMBULANCE STATION HAS BEEN CALCULATED AT 225 AMPS PER PHASE (INCLUDING 20% SPARE CAPACITY). A 400 AMP RATED SPD ADJUSTED TO 250 AMPS WILL BE INSTALLED IN THE NEW MSB.
- THE ABOVE DEMAND DOES NOT INCLUDE ANY ALLOWANCE FOR THE FUTURE DEVELOPMENT ON THE SECOND LOT - THE ADMD OF WHICH IS UNKNOWN AT THIS STAGE BUT IS EXPECTED TO BE LESS THAN 800AMPS. PROVISION FOR ELECTRICITY SUPPLY TO THE FUTURE DEVLOPMENT ON THE SECOND LOT WILL BE PROVIDED IN THE FORM OF A CONCRETE ENCASED 2 x 150mm DIA DUCTLINE FROM THE PROPOSED SUBSTATION IN AN EASEMENT AND A 400/400/400/800AMP LV BOARD.
- PLEASE CONFIRM PROXIMITY OF ALL BUILDING ELEMENTS DETAILED ON THIS DESIGN TO PROPOSED SUBSTATION ARE ACCEPTABLE TO AUSGRID.
- PLEASE CONFIRM PROPOSED CHAMBER SIZE SHOWN ON SHEET 4 IS ACCEPTABLE TO AUSGRID.
- PLEASE SUBMIT NS181 NETWORK STANDARD VARIATION REQUEST FOR ASSESSMENT.
- PLEASE PROVIDE ASSET NUMBER FOR PROPOSED SUBSTATION.

PROPOSED DESIGN SCOPE ONLY - NOT FOR CONSTRUCTION

CAD DRAWING

AMENDMENTS

ASP LEVEL 2 WORK

ALL LEVEL 2 ASP WORK DEPICTED ON THIS DESIGN IS SHOWN FOR INFORMATION PURPOSES ONLY AND DOES NOT FORM PART OF THE CERTIFIED DESIGN.

	PROPOSED	EXISTING		PROPOSED	EXISTING
Pole			Pole-to be removed		
SL Standard			USL		
Pillar Standard			ABS		
LV Pillar			IDT		
LV Link Pillar			Kiosk Sub		
Streetlight			Chamber Sub		
Streetlight-PEC			Pole Sub		
Streetlight-replacement			Two Pole Sub		
Streetlight-removal					

PROPOSED		EXISTING	
UGOH	Pot End	UGOH	Pot End
Joint	Sealed End	Joint	Sealed End
Conduit			
OH Lines	UG Cables	OH Lines	UG Cables
HV	HV		
LV	LV		
SL	SL		
HV	LV	SL	

REMOVE

OH lines: HV, LV, SL

UG lines: HV, LV, SL

Joints: HV, LV, SL

ASSOCIATED DRAWINGS

CERTIFICATION NUMBER

WEBB AUSTRALIA GROUP (NSW) PTY LIMITED
ABN 49 000 096 192
LEVEL 4, 828 PACIFIC HIGHWAY GORDON NSW 2072 AUSTRALIA
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CONSULTING ELECTRICAL ENGINEERS LIGHTING CONSULTANTS TECHNOLOGY CONSULTANTS

ASP REF. O197H - 20220623

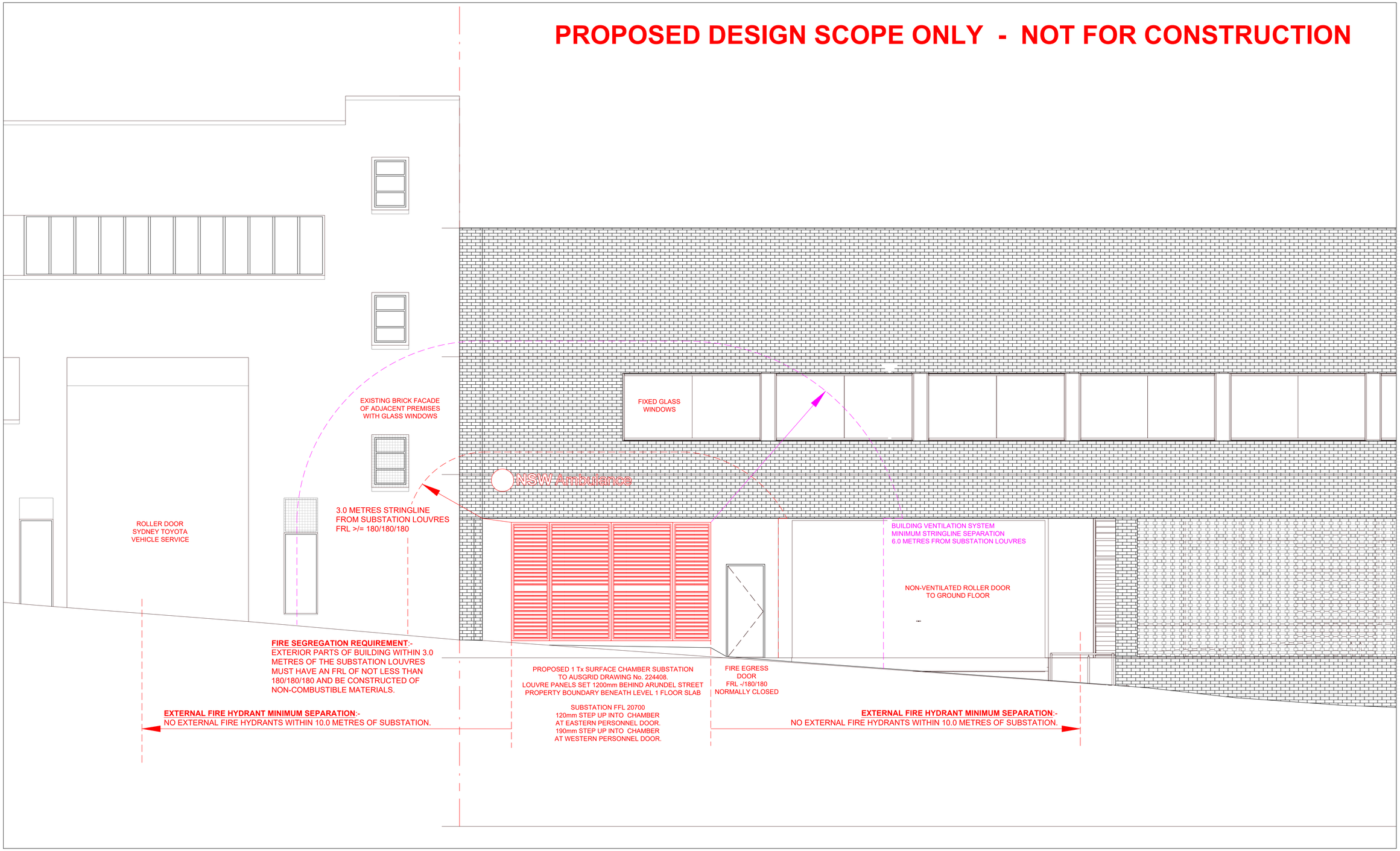
DESIGNED BY	MICHAEL ROURKE
AUTH NO.	
SUBMIT DATE	NOT FOR CERTIFICATION
LGA	CITY OF SYDNEY COUNCIL
MAP REF.	UBD Map 14 Ref. E1
AUSGRID REF.	LE62
PRJTRAK No.	

PROPOSED SURFACE CHAMBER SUBSTATION TO SUPPLY
SAMIS AMBULACE STATION
42-50 PARRAMATTA ROAD
FOREST LODGE NSW 2037
PROPOSED DESIGN SCOPE V2

SIZE	AUSGRID PROJECT No.	SHEETS	AMD.
A1	AN-23553	1 of 5	0

20160817

PROPOSED DESIGN SCOPE ONLY - NOT FOR CONSTRUCTION



ARUNDEL STREET EXTENDED ELEVATION

SCALE 1:50

3m & 6m STRINGLINES DETAILED ON THIS ELEVATION ACCOUNT FOR SUBSTATION LOUVRES BEING SET BACK 1200mm FROM ARUNDEL STREET PROPERTY BOUNDARY.

SCALE 1 : 50

0 1 2 3 4 5 METRES

CAD DRAWING
AMENDMENTS

ASSOCIATED DRAWINGS

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ASP REF. O197H - 20220623

CERTIFICATION NUMBER ## / ##

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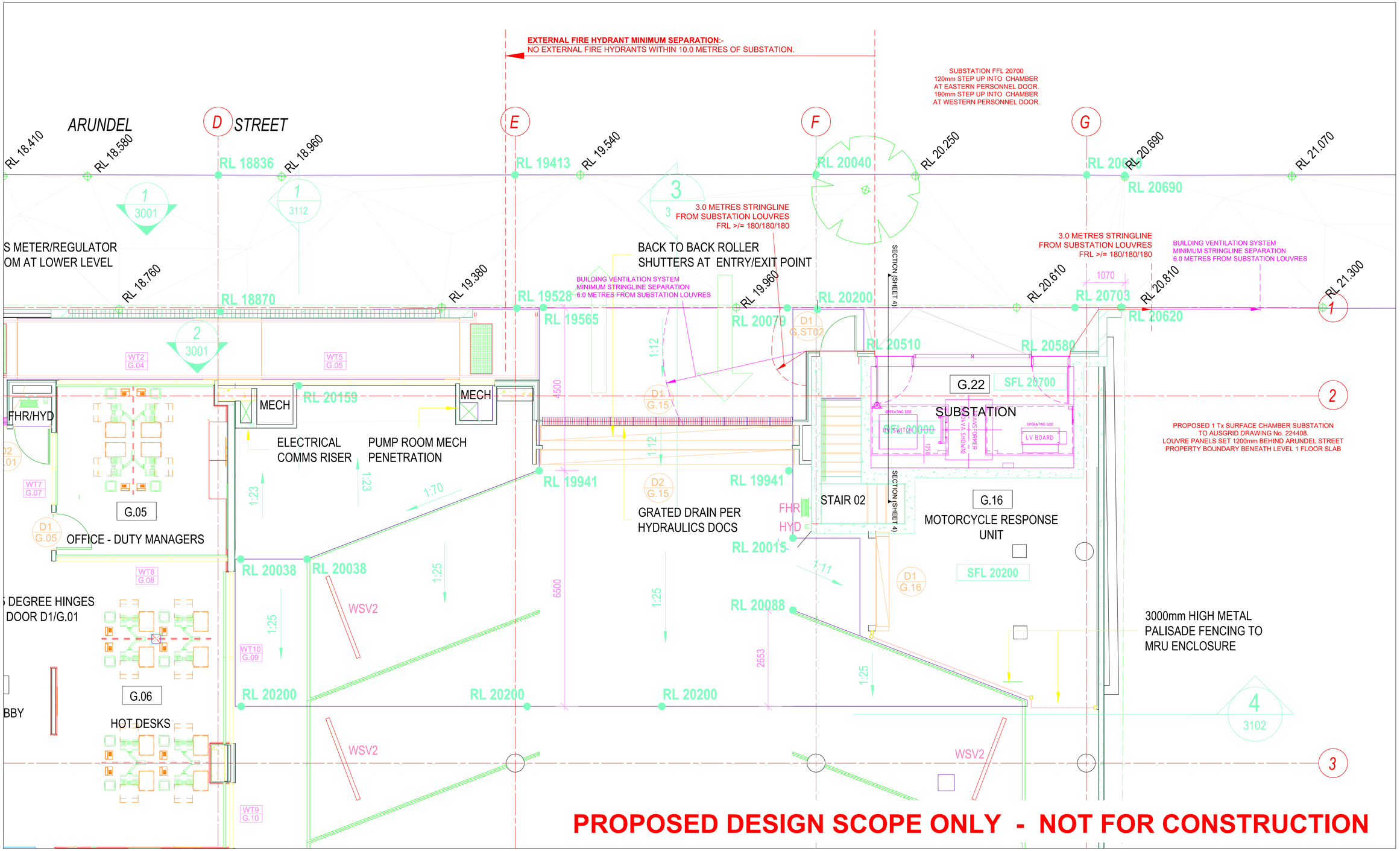
AUSGRID REF.	LE62
PRJTRAK No.	

PROPOSED SURFACE CHAMBER SUBSTATION TO SUPPLY
SAMIS AMBULACE STATION
42-50 PARRAMATTA ROAD
FOREST LODGE NSW 2037
PROPOSED DESIGN SCOPE V2

SIZE	AUSGRID PROJECT No.	SHEETS	AMD.
A1	AN-23553	2 of 5	0

20160817



ARUNDEL STREET EXTENDED ELEVATION

SCALE 1:50

3m & 6m STRINGLINES DETAILED ON THIS ELEVATION ACCOUNT FOR SUBSTATION LOUVRES BEING SET BACK 1200mm FROM ARUNDEL STREET PROPERTY BOUNDARY.

SCALE 1 : 50 — METRES

CAD DRAWING — AMENDMENTS

ASSOCIATED DRAWINGS

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ASP REF. O197H - 20220623

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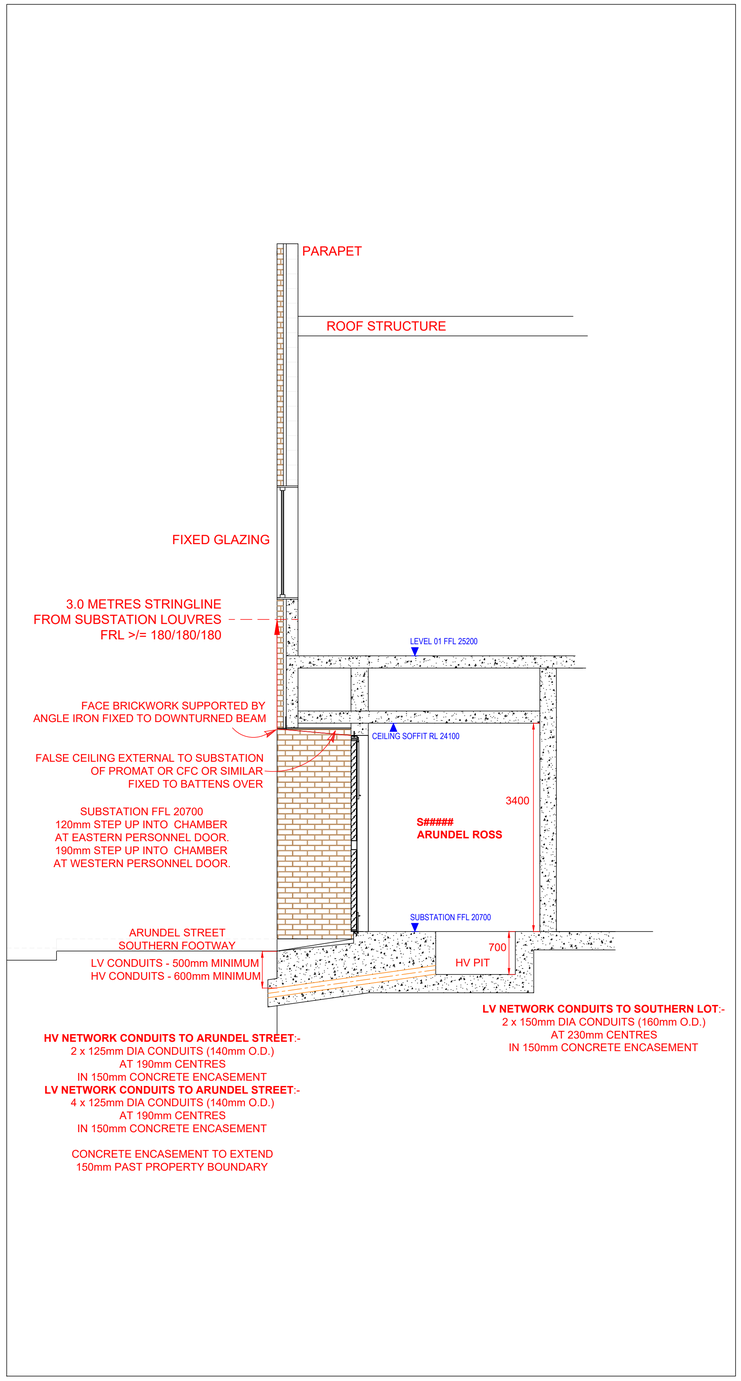
AUSGRID REF.	LE62
PRJTRAK No.	

PROPOSED SURFACE CHAMBER SUBSTATION TO SUPPLY
SAMIS AMBULACE STATION
42-50 PARRAMATTA ROAD
FOREST LODGE NSW 2037
PROPOSED DESIGN SCOPE V2

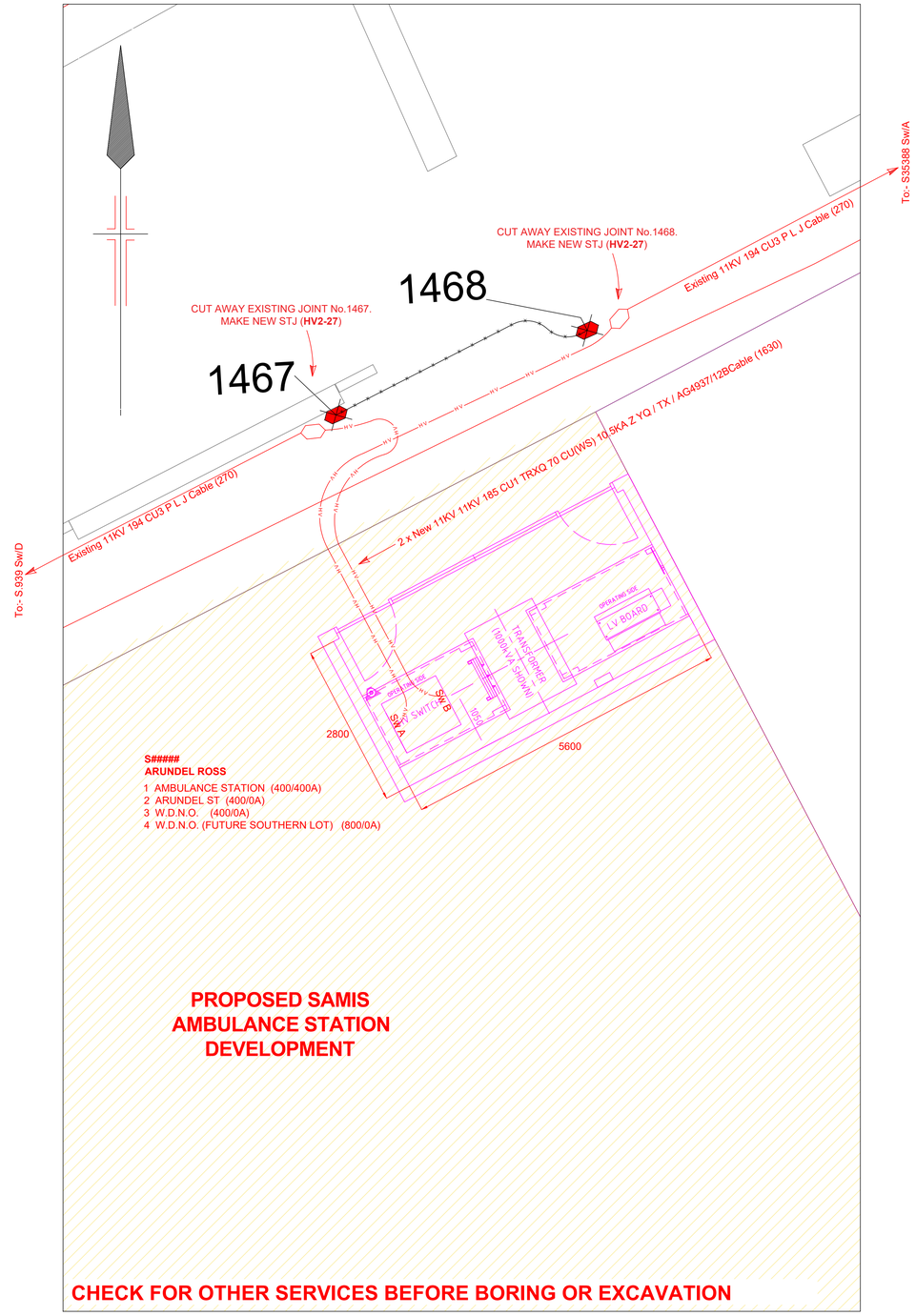
SIZE A1 | AUSGRID PROJECT No. AN-23553 | SHEET 3 of 5 | AMD. 0

20160817



SECTION LOOKING EAST

SCALE 1:200



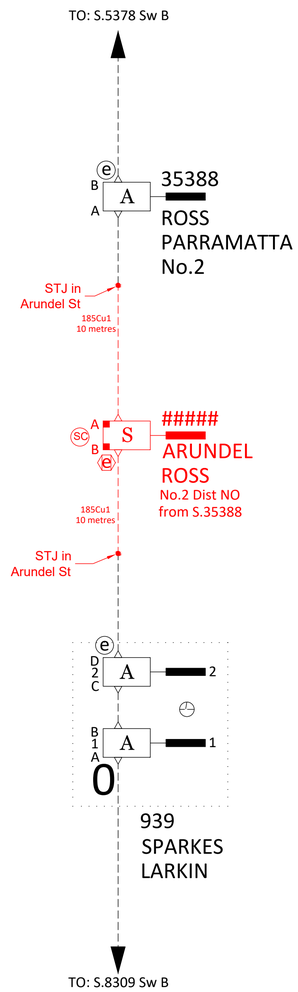
HV CONSTRUCTION PLAN - PROPOSED

SCALE 1:200

ONLY HV CONSTRUCTION SHOWN

SCALE 1 : 50

0 1 2 3 4 5 METRES



DARLING HARBOUR ZONE No.88 (2 of 3)

Panel 20R Feeder

HV SYSTEM DIAGRAM - PROPOSED

N.T.S.

CHANGES FROM EXISTING HV NETWORK SHOWN IN RED

PROPOSED DESIGN SCOPE ONLY - NOT FOR CONSTRUCTION

CAD DRAWING

AMENDMENTS

	PROPOSED	EXISTING		PROPOSED	EXISTING
Pole			Pole-to be removed		
SL Standard			USL		
Pillar Standard			ABS		
LV Pillar			IDT		
LV Link Pillar			Kiosk Sub		
Streetlight			Chamber Sub		
Streetlight-PEC			Pole Sub		
Streetlight-replacement			Two Pole Sub		
Streetlight-removal					

	PROPOSED		EXISTING	
	OH Lines	UG Cables	OH Lines	UG Cables
UGOH Pot End				
Joint Sealed End				
Conduit				
HV	-HV-	-HV-		
LV	-LV-	-LV-		
SL	-SL-	-SL-		
SV	-SV-	-SV-		

REMOVE: OH lines (HV, LV, SL); UG lines (HV, LV, SL); Joints (HV, LV, SL)

ASSOCIATED DRAWINGS

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CONSULTING ELECTRICAL ENGINEERS LIGHTING CONSULTANTS TECHNOLOGY CONSULTANTS

WEBB AUSTRALIA

DESIGNED BY	MICHAEL ROURKE
AUTH NO.	
SUBMIT DATE	NOT FOR CERTIFICATION
LGA	CITY OF SYDNEY COUNCIL
MAP REF.	UBD Map 14 Ref. E1
AUSGRID REF.	LE62
PRJTRAK No.	
ASP REF.	O197H - 20220623

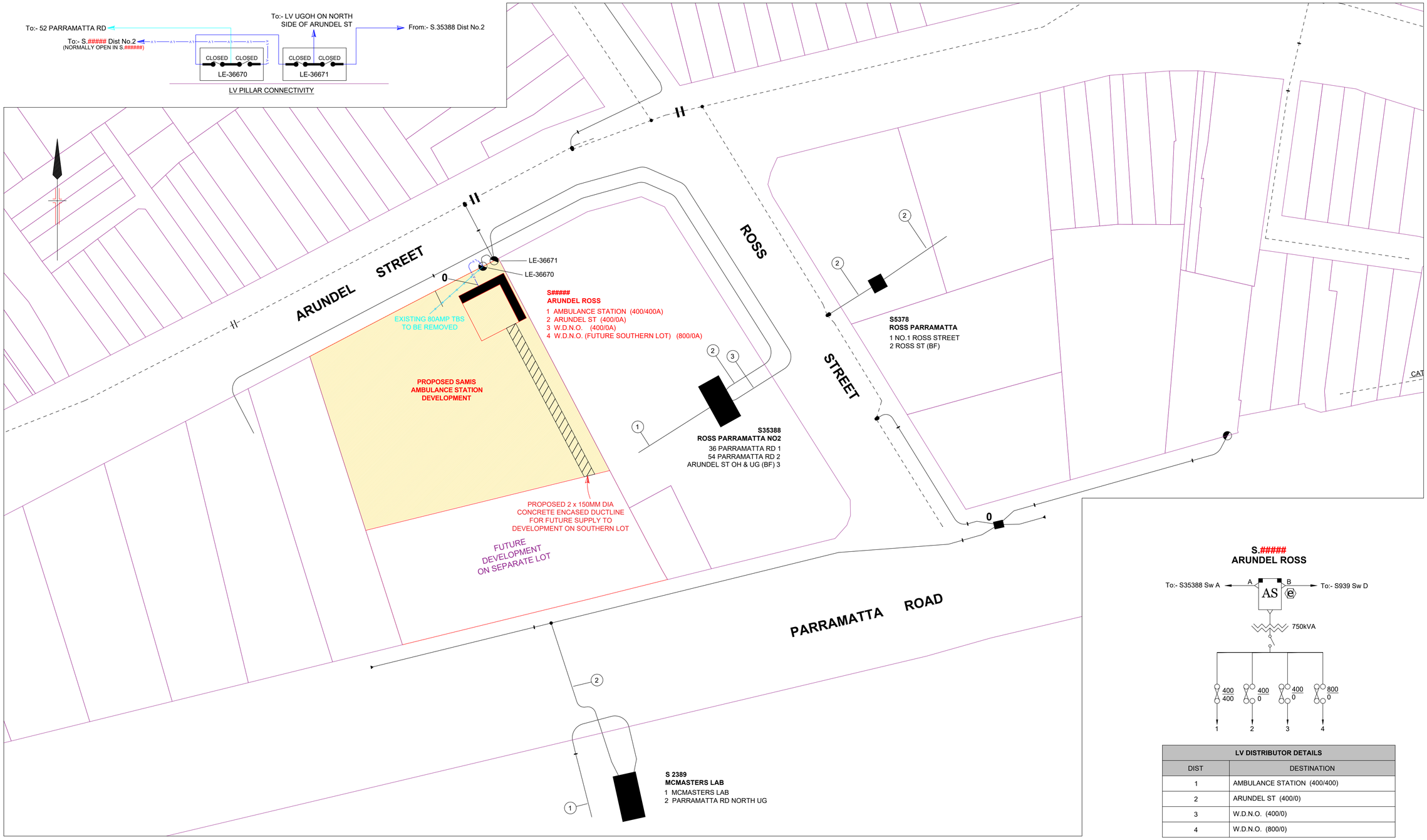
CERTIFICATION NUMBER ## / ##

PROPOSED SURFACE CHAMBER SUBSTATION TO SUPPLY
SAMIS AMBULACE STATION
42-50 PARRAMATTA ROAD
FOREST LODGE NSW 2037
PROPOSED DESIGN SCOPE V2

SIZE	AUSGRID PROJECT No.	SHEETS	AMD.
A1	AN-23553	4 of 5	0

20160817

PROPOSED DESIGN SCOPE ONLY - NOT FOR CONSTRUCTION



LV GEOSCHEMATIC - PROPOSED

SCALE 1:500

LV DISTRIBUTOR DETAILS	
DIST	DESTINATION
1	AMBULANCE STATION (400/400)
2	ARUNDEL ST (400/0)
3	W.D.N.O. (400/0)
4	W.D.N.O. (800/0)

SUBSTATION SCHEMATIC DIAGRAM

SCALE 1 : 400

0 10 30 METRES

20 40

CHECK FOR OTHER SERVICES BEFORE BORING OR EXCAVATION

CAD DRAWING
AMENDMENTS

ASP LEVEL 2 WORK

ALL LEVEL 2 ASP WORK DEPICTED ON THIS DESIGN IS SHOWN FOR INFORMATION PURPOSES ONLY AND DOES NOT FORM PART OF THE CERTIFIED DESIGN.

WARNING

- THIS DESIGN CANNOT BE USED FOR CONSTRUCTION PURPOSES UNTIL THE LOCATION OF ALL EXISTING SERVICES IS VERIFIED.
- THE INFORMATION PROVIDED IN THIS DESIGN MUST BE CHECKED ON SITE AND THE MOST CURRENT INFORMATION ON THE CONFIGERATION OF ALL SERVICES, INCLUDING AUSGRID'S NETWORK, MUST BE VERIFIED IMMEDIATLEY BEFORE CONSTRUCTION COMMENCES BY CONTACTING DIAL-BEFORE-YOU-DIG BY TELEPHONE ON 1100 OR AT www.1100.com.au.
- DIAL-BEFORE-YOU-DIG INFORMATION MUST NOT BE OLDER THAN 20 BUSINESS DAYS AT THE TIME OF CONSTRUCTION.

ASSOCIATED DRAWINGS

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ASP REF. O197H - 20220309

CERTIFICATION NUMBER ## / ##

DESIGNED BY	WASILI ZYZNIK
AUTH NO.	
SUBMIT DATE	NOT FOR CERTIFICATION
LGA	CITY OF SYDNEY COUNCIL
MAP REF.	UBD Map 14 Ref. E1
AUSGRID REF.	LE62
PRJTRAK No.	

PROPOSED LV SUPPLY TO
SAMIS AMBULACE STATION
42-50 PARRAMATTA ROAD
FOREST LODGE NSW 2037
PROPOSED DESIGN SCOPE

SIZE A1 | AUSGRID PROJECT No. AN-23553 | SHEETS 5 of 5 | AMD. 0

20160817