

ELECTRICAL DRAWINGS

FOR

TENDER FOR A CONTRACTOR TO SUPPLY AND INSTALL
BOLLARDS, FENCING AND BOOM FACILITIES FOR THE
SECURE LANDSIDE PARKING PROJECT AT GEORGE
AIRPORT, FOR A PERIOD OF 6 MONTHS

Bid Reference Number: GRJ7501/2024/RFP

January 2025

VOLUME 3

Issued by
Airports Company South Africa
George Airport



Prepared by

BDE

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Prepared for

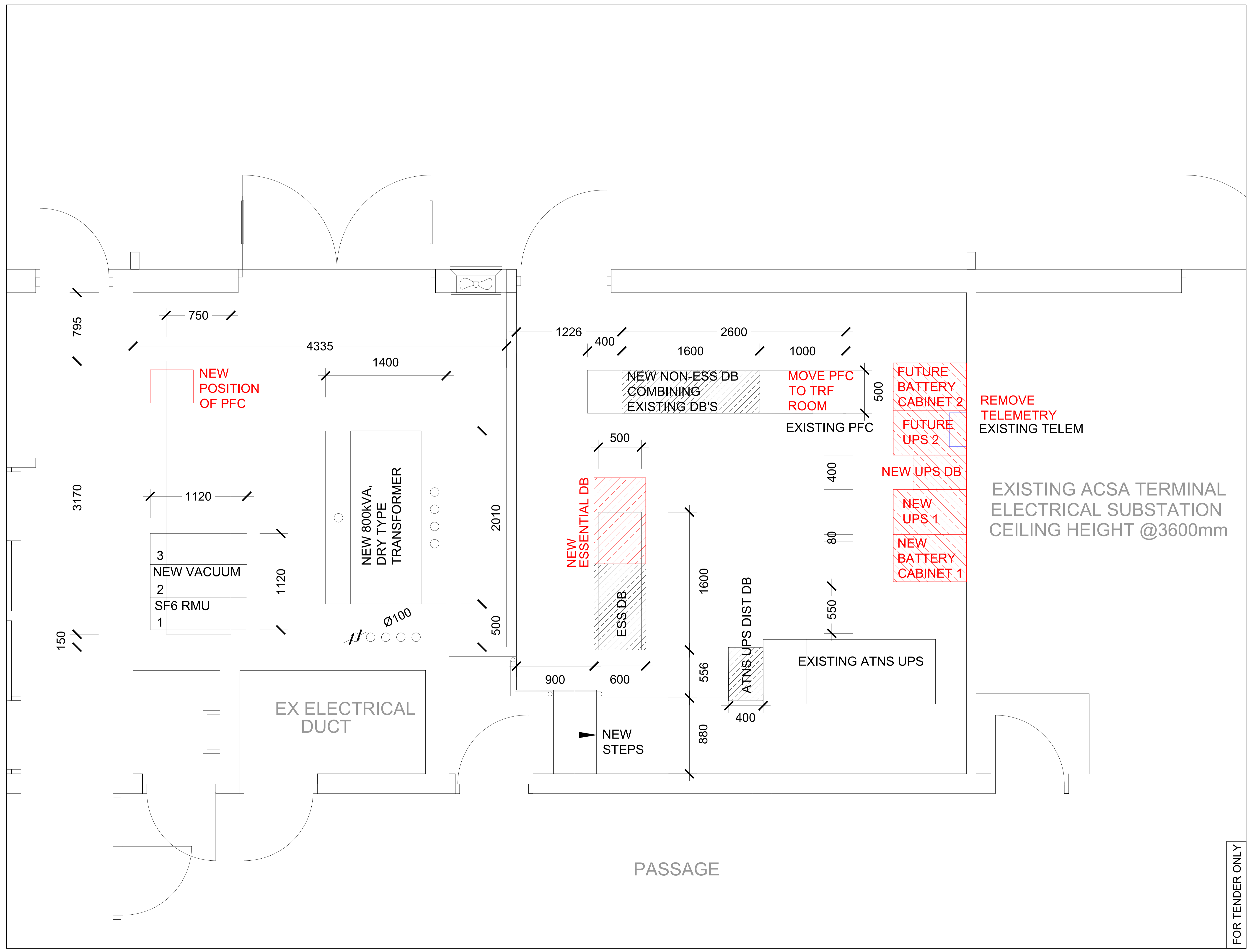


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NR.	DATUM	WYSIGINGS
0	2024/08/22	FOR INFORMATION ONLY
1	2024/11/18	FOR TENDER ONLY

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General Notes:
 This drawing is to be read in conjunction with relevant layout drawings, specification & BOQ.
 The contractor / OEM vendor to submit shop drawings & fabrication drawings for client / consultant's approval before commencement of fabrication / procuring components.

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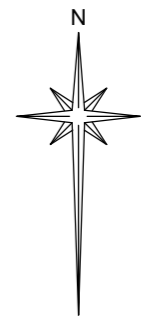
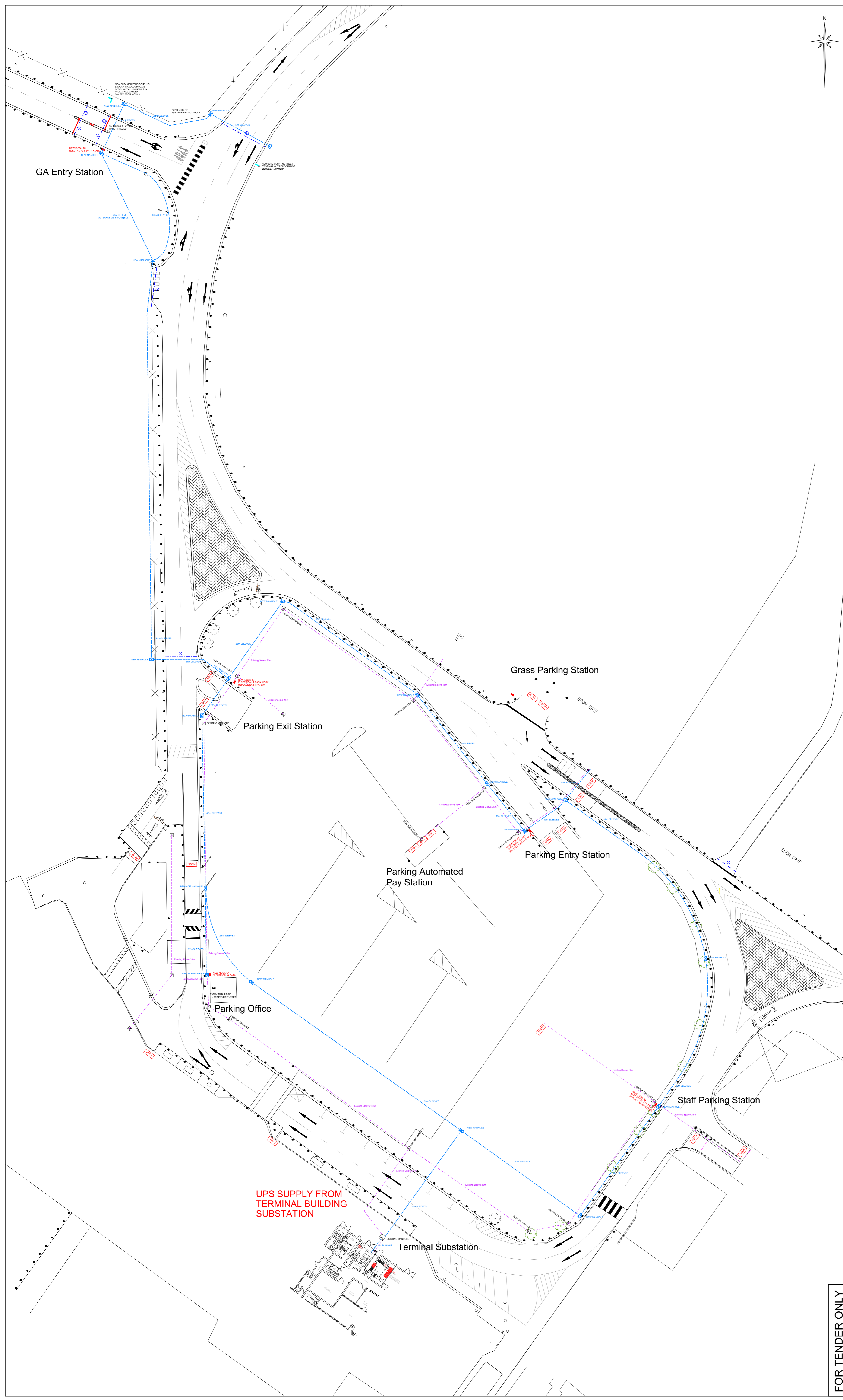
PROJIEK / PROJECT
ACSA LANDSIDE PARKING SECURITY

TEKENING BESKRIVING / DRAWING DESCRIPTION
TERMINAL SUBSTATION LAYOUT

TEKENING NR. / DRAWING NO.	REV
GRG-510/RT/BL/04	1

HUIDIGE DATUM / CURRENT DATE	GOEDGEKEUR / APPROVED
2024/11/18	
SKAAL / SCALE	A1 - 1:20 NAGEGAAN / CHECKED
A3 - 1:40	CHECKED
LEER NR. / FILE NO.	00510 GRG CAD NAGEGAAN / CAD CHECKED
AANVANGSDATUM / COMMENCE DATE	2024 GETEKEN / DRAWN
	UDJ

FOR TENDER ONLY



LEGEND	
NEW SLEEVE ROUTE (3x 110mm CORRUGATED SLEEVES)	
EXISTING SLEEVE ROUTE (50mm PVC SLEEVES)	
2 DOOR POLYURETHANE KIOSK GREY FRONT POWER & REAR DATA	
NEW (900mm x 600mm) MANHOLES	
EXISTING (450x450) MANHOLES	
1, 2 OR 3 x Ø110mm CORRUGATED SLEEVES 1 x GREEN SLEEVE WITH EACH CROSSING	

NR.	DATUM DATE	WYSIGINGS AMENDMENTS
0	2024/09/18	FOR INFORMATION ONLY
1	2024/11/18	FOR TENDER ONLY

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PROJEK / PROJECT
ACSA LANDSIDE PARKING SECURITY

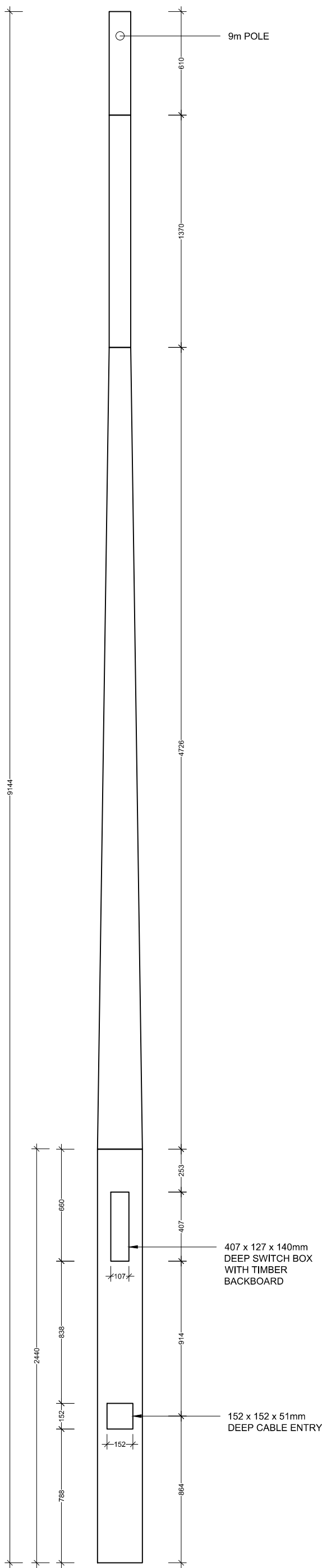
TEKENING BESKRYWING / DRAWING DESCRIPTION
ELECTRICAL & DATA SLEEVE RETICULATION LAYOUT

TEKENING NR. / DRAWING NO.	REV
GRG-510/RT/DS/03	1

HUIDIGE DATUM CURRENT DATE	2024/11/18	GOEDGEKEUR APPROVED
SKAAL SCALE	A1 - 1:400 A3 - 1:800	NAGEGAAN CHECKED
LEIR NR. FILE NO.	00510 GRG	CAD NAGEGAAN CAD CHECKED
AANVANGSDATUM COMMENCE DATE	2024	GETEKEN DRAWN UDU

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UPS SUPPLY FROM TERMINAL BUILDING SUBSTATION



NOTES:

CABLE ENTRIES ARE 152 x 152 x 51 mm, TWO CAN BE PROVIDED BACK TO BACK.

SWITCH BOXES HAVE WOODEN BACKBOARDS WITH DIMENSIONS PROVIDED BELOW AND INCLUDE A PVC PLASTIC DOOR WITH ALLEN KEY SCREWS.

9,00 M POLE 407 x 127 x 140mm DEEP.

STANDARDS ILLUSTRATED ARE DESIGNED TO COMPLY WITH S.A.B.S 470 - 2003 OF THE FOLLOWING CLASSES:

CLASS 4 PROOF LOAD 9.144 POLE - 1.30kN

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PROJEK / PROJECT

ACSA LANDSIDE PARKING SECURITY

TEKENING BESKRYWING / DRAWING DESCRIPTION

CCTV CONCRETE POLE DETAIL

TEKENING NR. / DRAWING NO.

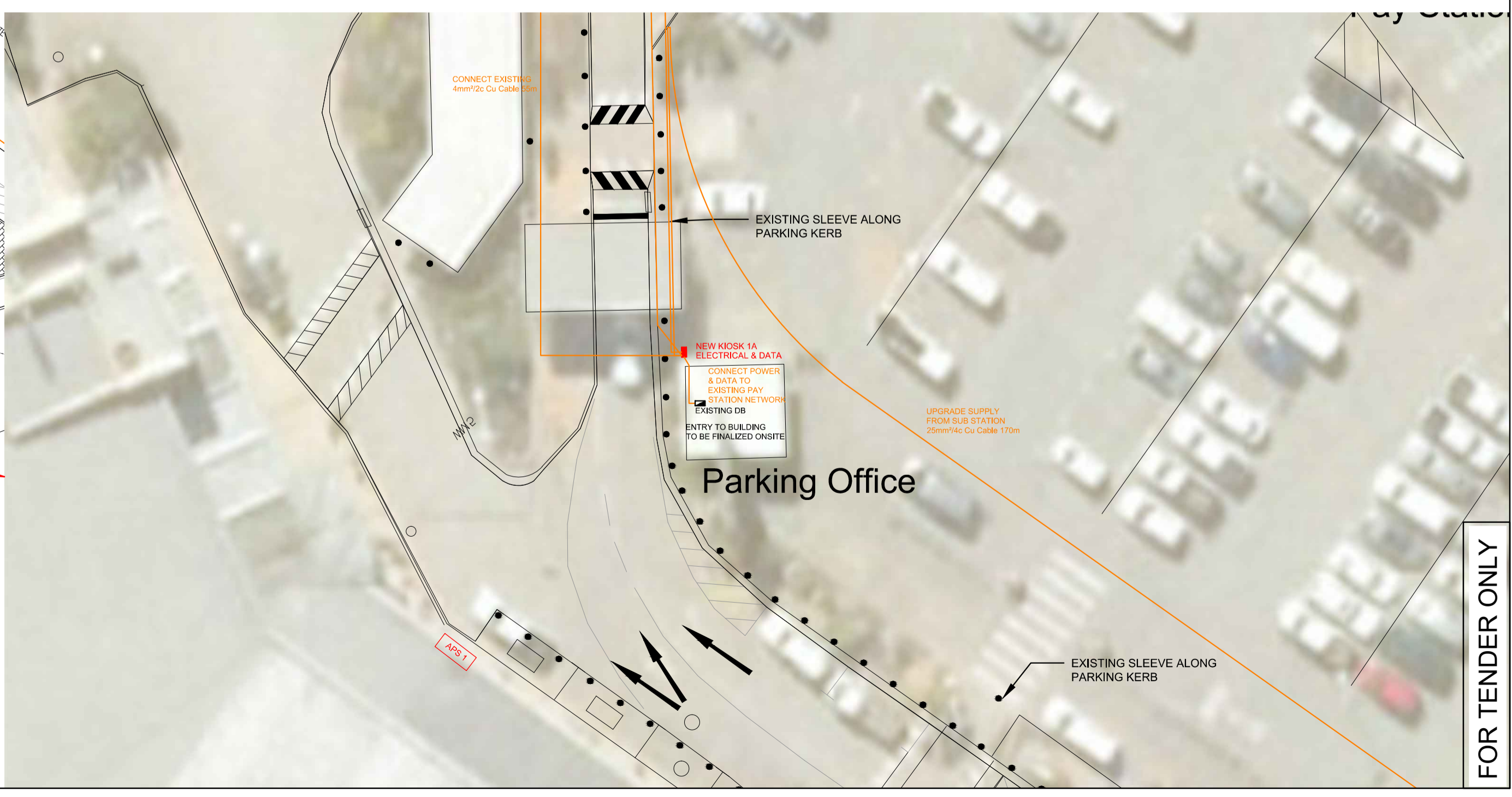
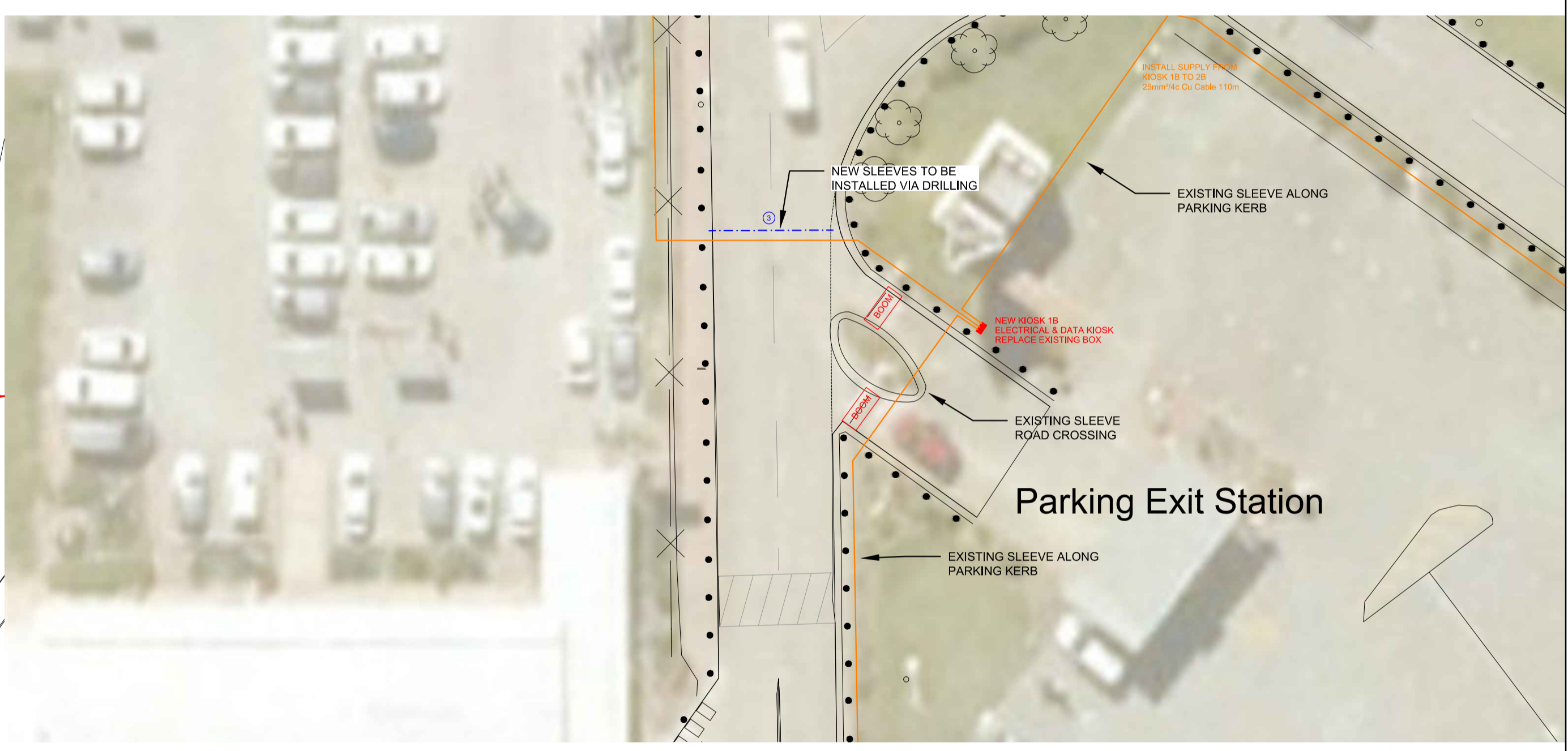
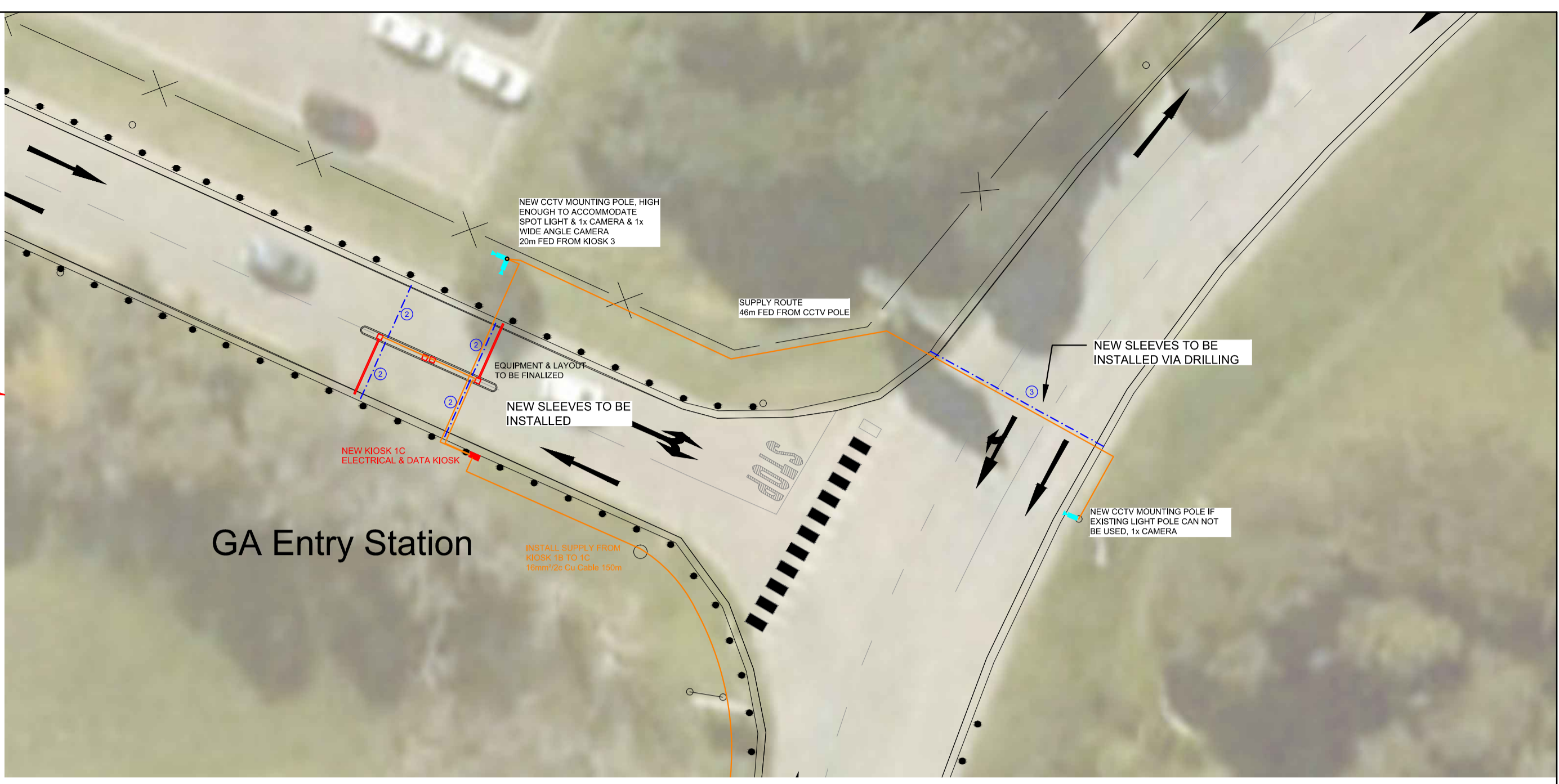
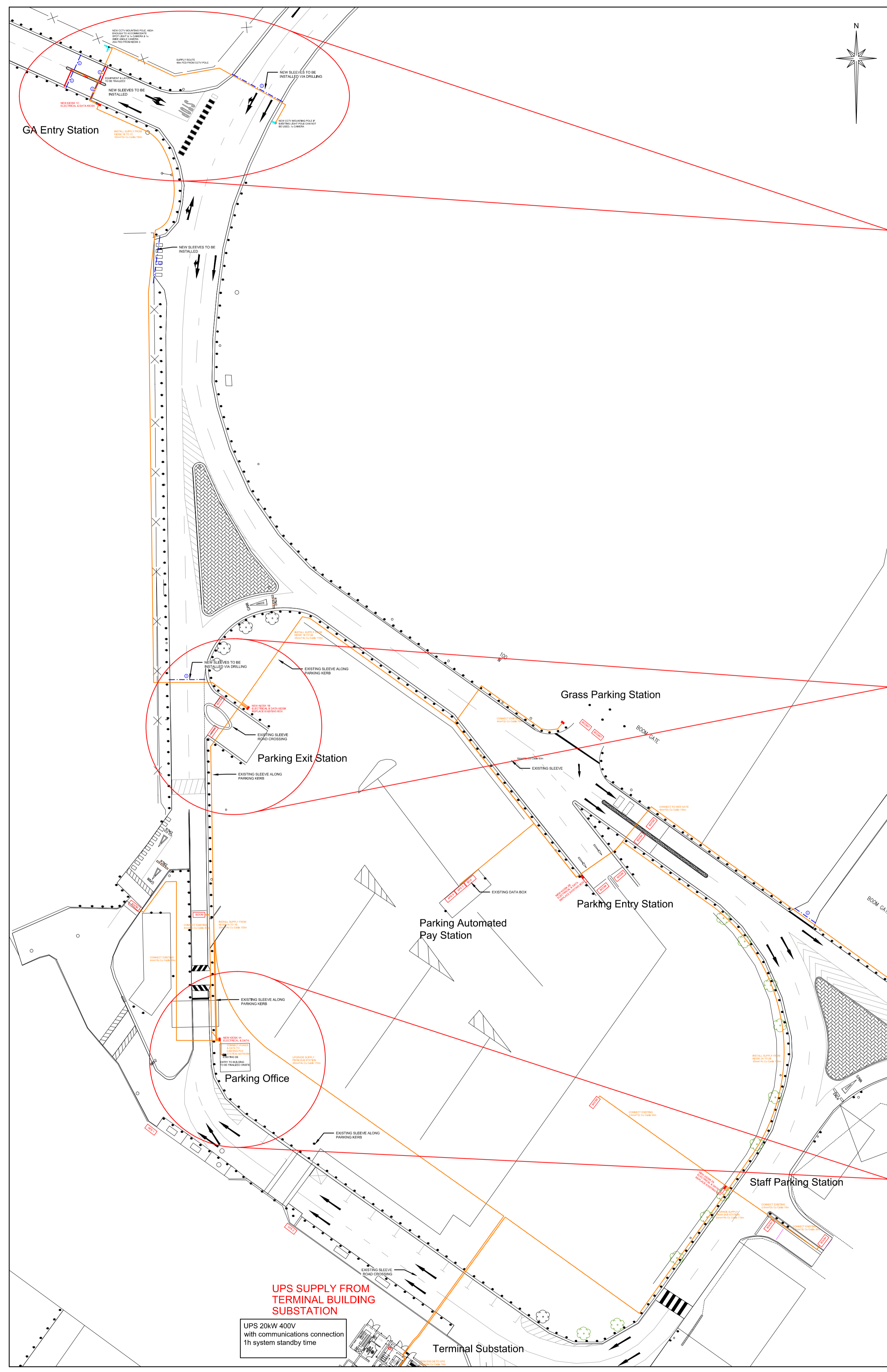
GRG-510/RT/DT/05

REV

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LE&R NR. FILE NO.	00510 GRG	CAD NAGEGAAN CAD CHECKED	
AANVANGSDATUM COMMENCE DATE	2024	GETEKEN DRAWN	UDJ

FOR TENDER ONLY



LEGEND	
UNDERGROUND CABLE ROUTE AS INDICATED	
2 DOOR POLYURETHANE KIOSK GREY FRONT POWER & REAR DATA	
EXISTING AUTOMATED PAY STATION	
EXISTING BOOM	
EXISTING DATA KIOSK	
NEW BOOM	
NEW TICKET DISPENSER / ACCEPTOR	
1, 2 OR 3 x Ø110mm CORRUGATED SLEEVES 1 x GREEN SLEEVE WITH EACH CROSSING	

NR.	DATE	WYSIGINGS AMENDMENTS
0	2024/05/10	FOR INFORMATION ONLY
1	2024/11/18	FOR TENDER ONLY

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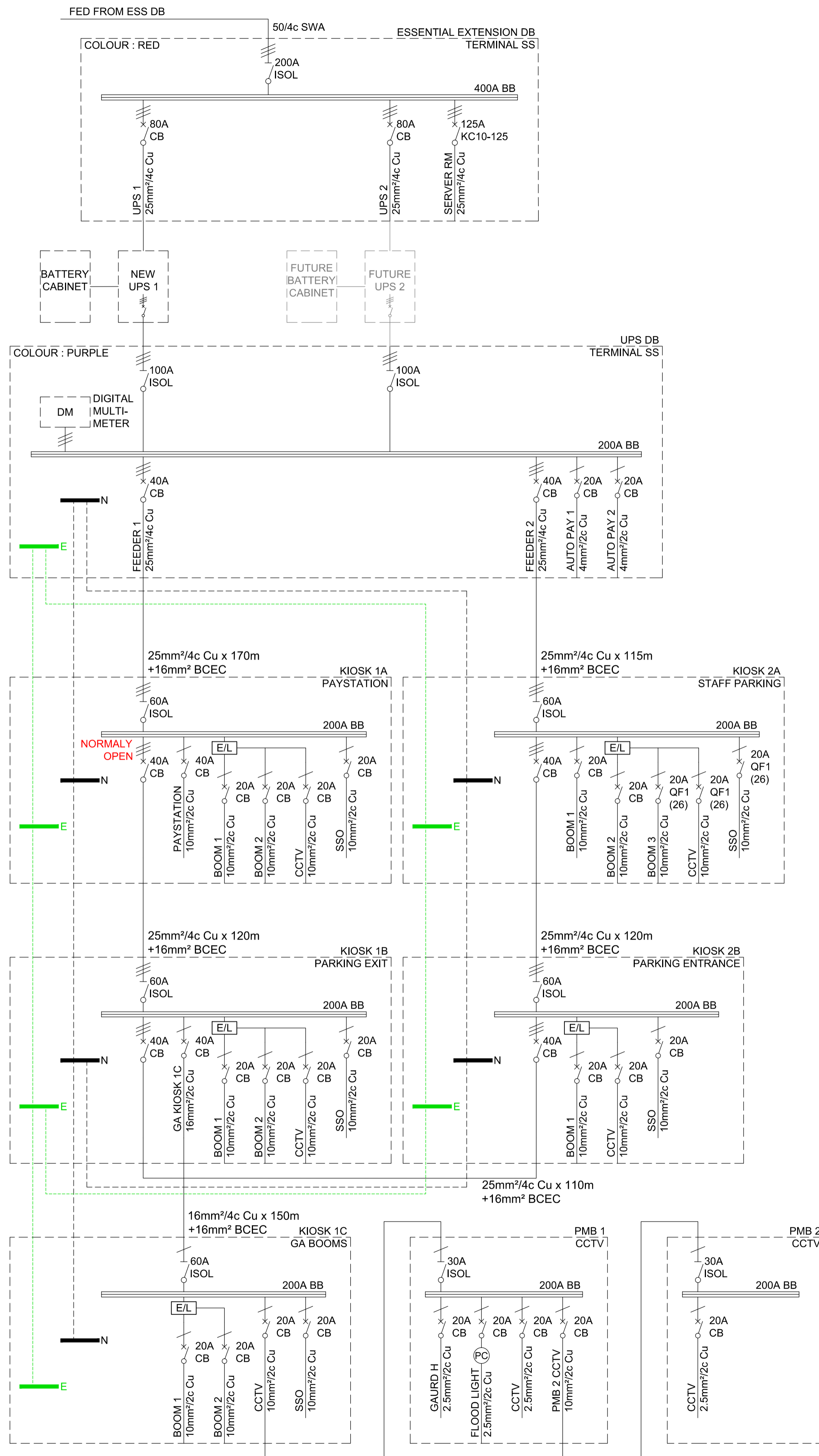
PROJEC / PROJECT
ACSA LANDSIDE PARKING SECURITY

TEKENING BESKRYWING / DRAWING DESCRIPTION
LV & DATA RETICULATION LAYOUT

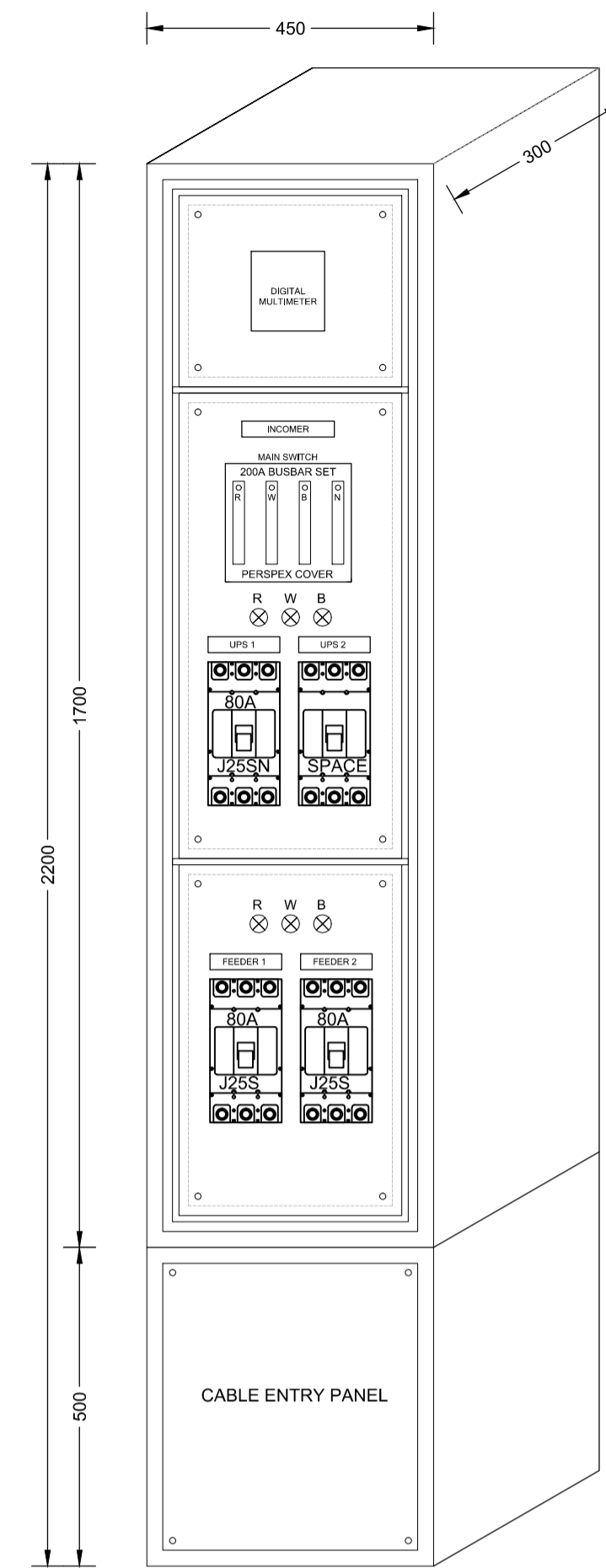
TEKENING NR. / DRAWING NO.	REV
GRG-510/RT/LV/01	1

HIJDIGE DATUM / CURRENT DATE	GOEDGEKEUR / APPROVED
2024/11/18	
SKAAL / SCALE	NAGEGAAN / CHECKED
A1 - 1:500/250	A3 - 1:1000/500
LEER NR. / FILE NO.	CAD NAGEGAAN / CAD CHECKED
00510 GRG	
AANVANGSDATUM / COMMENCE DATE	GETEKEN / DRAWN
2024	UDJ

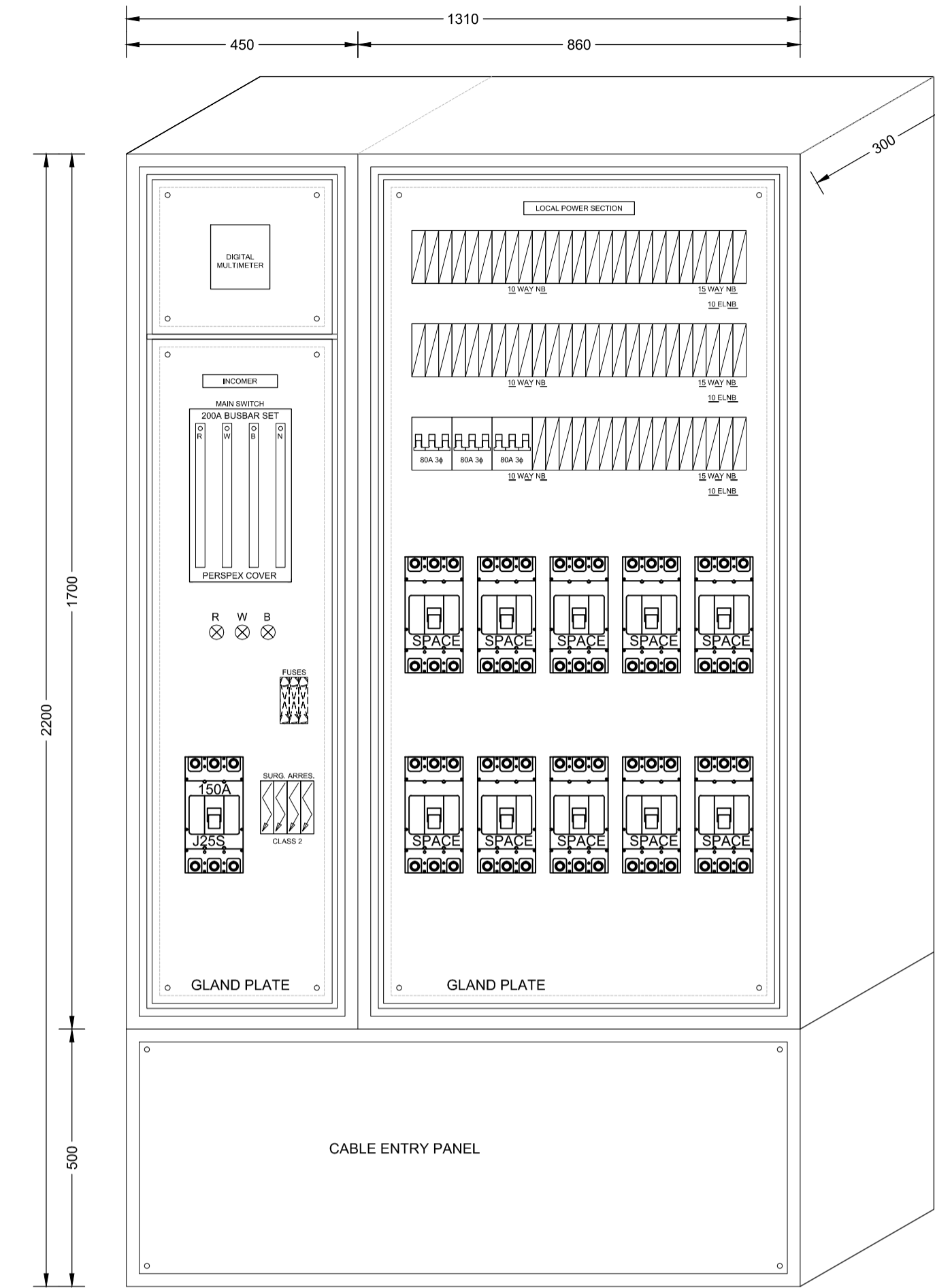
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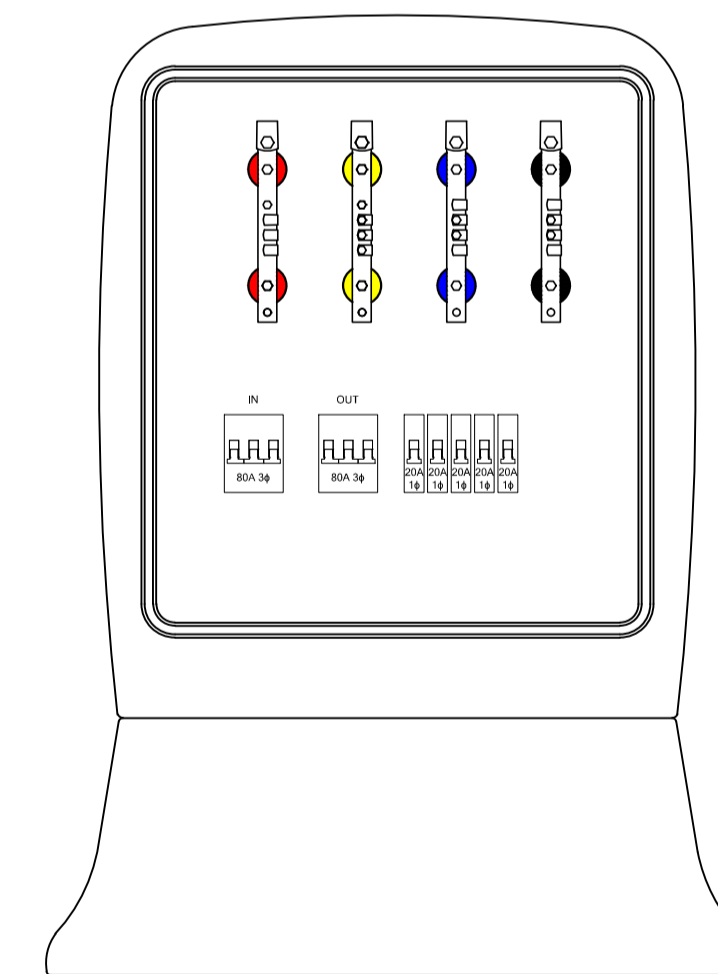
RETICULATION SCHEMATIC LAYOUT



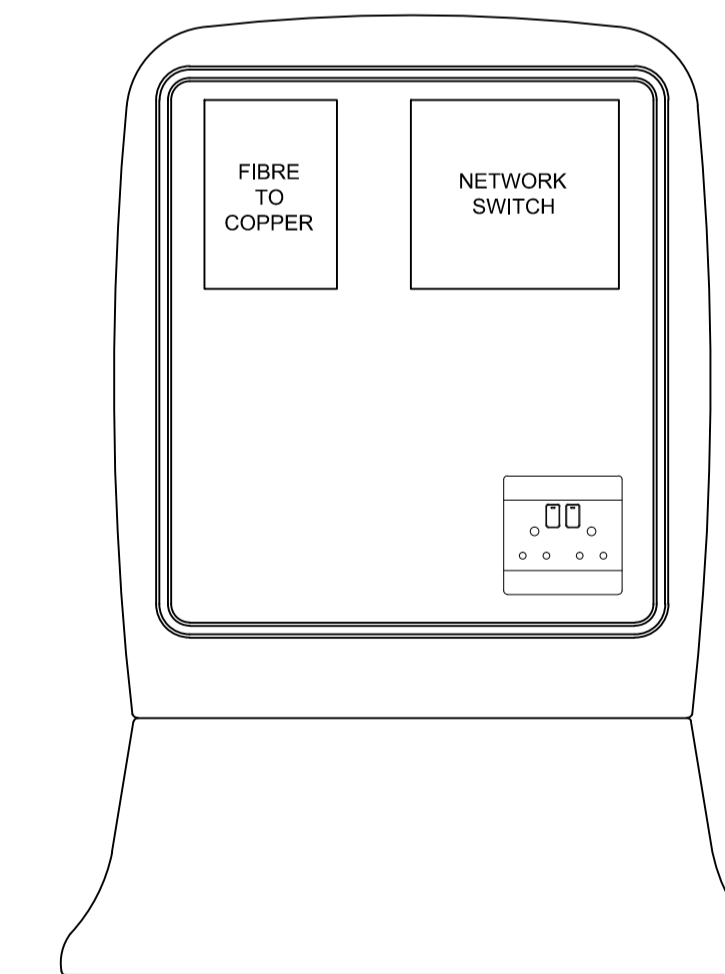
UPS DISTRIBUTION BOARD



ESSENTIAL DISTRIBUTION BOARD



TYPICAL 9-WAY KIOSK ELECTRICAL SECTION



TYPICAL 9-WAY KIOSK DATA SECTION

3ø CIRCUIT BREAKER & AMP RATING	3ø 80A CB
1ø ISOLATOR & AMP RATING	1ø 100A ISOL
3 PHASE INDICATOR (3ø)	3ø 20A CB
SINGLE PHASE INDICATOR (1ø)	1ø
DIGITAL MULTI METER	DM
EARTH LEAKAGE	EL
DAY/NIGHT LIGHT SENSOR	☀

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PROJEK / PROJECT
ACSA LANDSIDE PARKING SECURITY

TEKENING BESKRYWING / DRAWING DESCRIPTION
SCHEMATIC DIAGRAM & TYPICAL DETAIL LAYOUTS

TEKENING NR. / DRAWING NO.	REV
GRG-510/RT/SC/02	1

HUIDIGE DATUM / CURRENT DATE	2024/11/18	GOEDGEKEUR / APPROVED
SKAAL / SCALE	A1 - NTS A3 - NTS	NAGEGAAN / CHECKED
LEARNR. / FILE NO.	00510 GRG	CAD NAGEGAAN / CAD CHECKED
AANVANGSDATUM / COMMENCE DATE	2024	GETEKEN / DRAWN
		UDJ

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