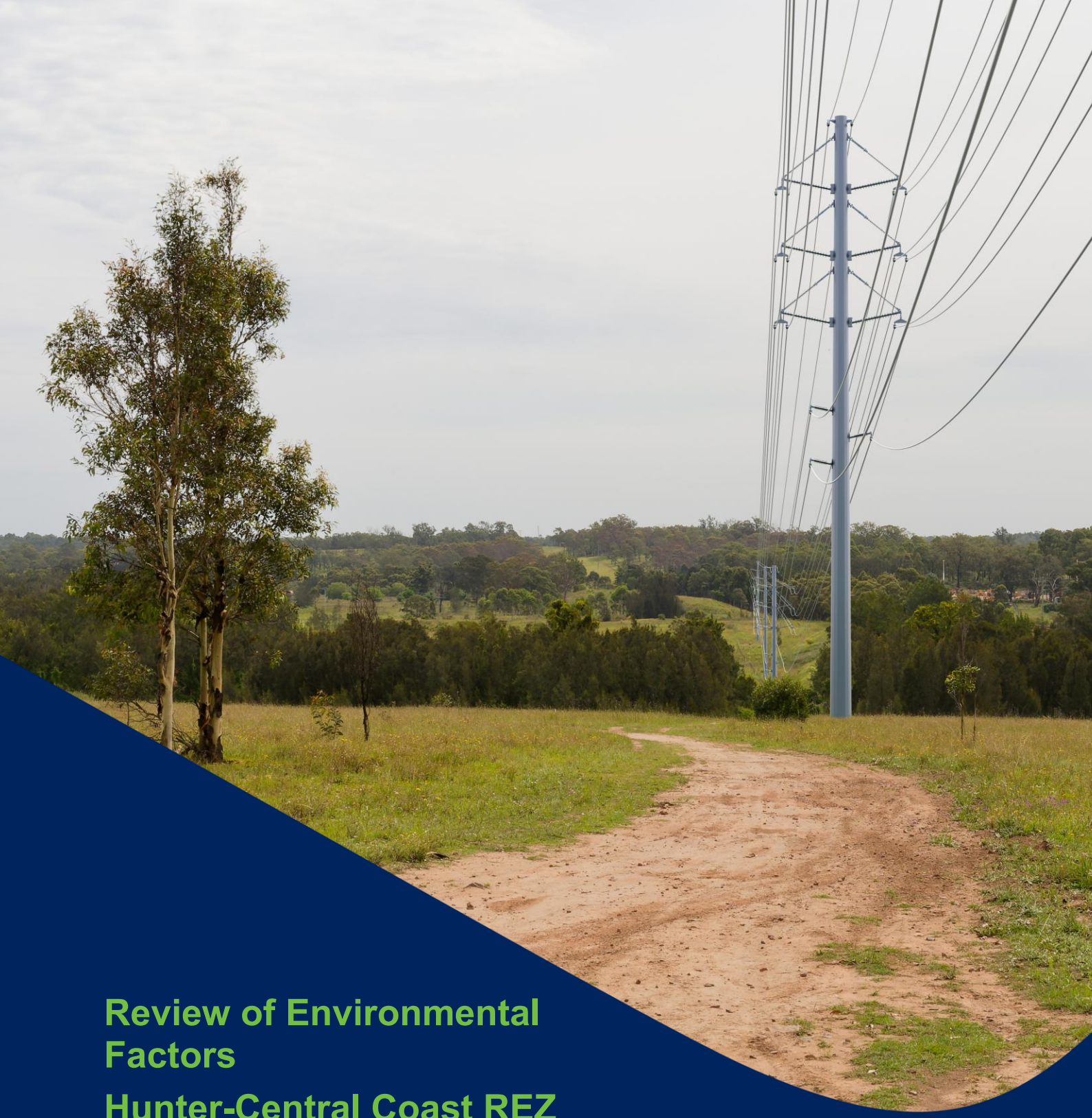


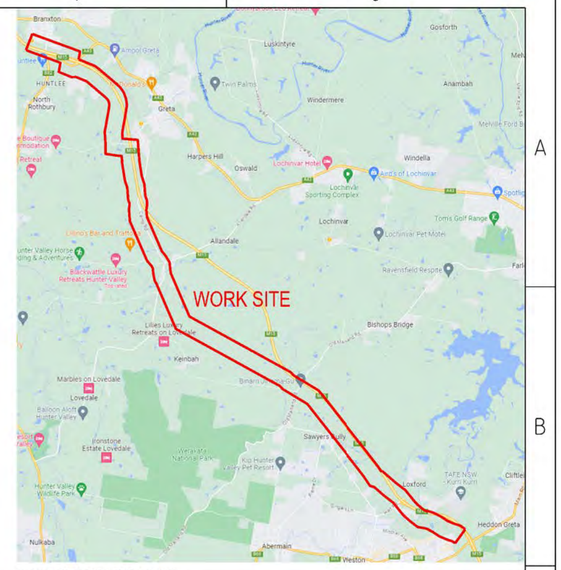
Review of Environmental Factors

Hunter-Central Coast REZ Network Infrastructure

Appendix A - Drawings

Wired for good.™

Ausgrid



LOCALITY SKETCH
NOT TO SCALE

N
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AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:40000
MAP REF.	HS44-FQ52
LGA	CESSNOCK
PROJECT No.	NC-01006

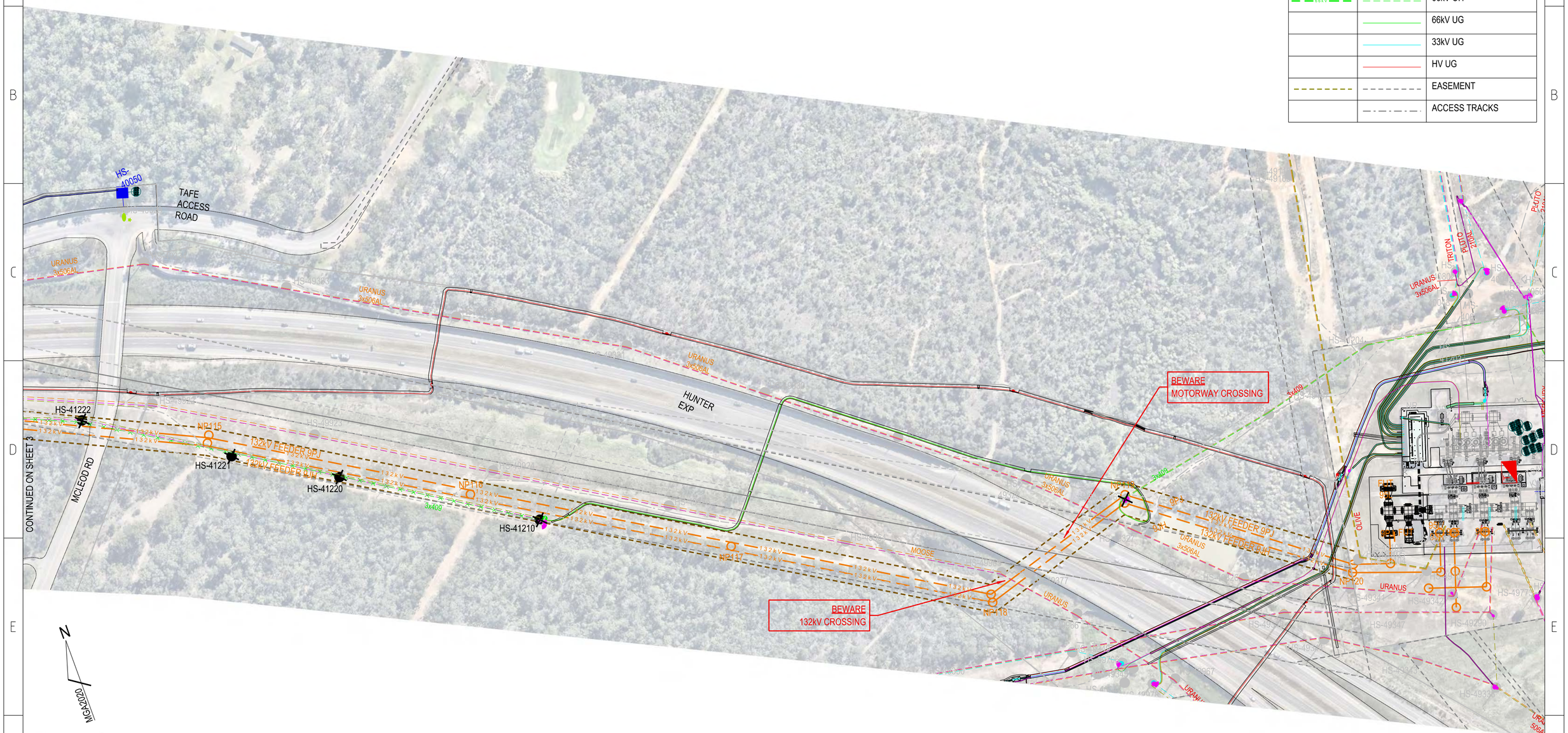
TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
LOCALITY & KEY PLAN

SIZE A2 | DRAWING No 269285 | SHEETS 1 of 24 | AMD 0

20110909

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_TRANSMISSION
		132kV OH
		66kV OH
		66kV UG
		33kV UG
		HV UG
		EASEMENT
		ACCESS TRACKS



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AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK
PROJECT No.	NC-01006

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	269285	2 of 24	0

20110909

269285-2.dgn 3/7/2025 10:07:26 AM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
		SUBSTATION_KIOSK
132kV		132kV OH
66kV		66kV OH
		HV OH
		LV OH
		HV UG
		EASEMENT
		ACCESS TRACKS

N

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK
PROJECT No.	NC-01006

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

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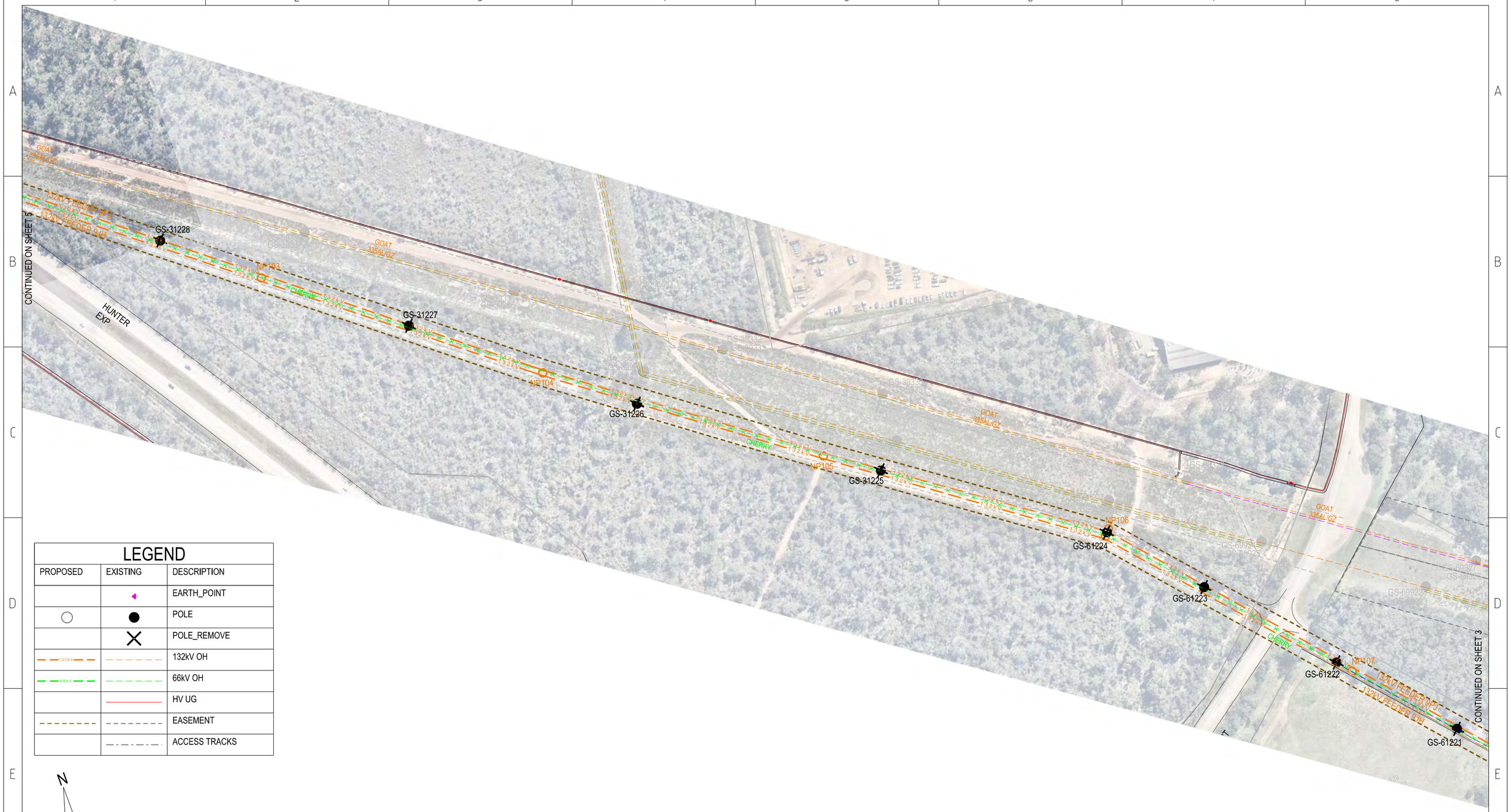

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		66kV OH
		HV UG
		EASEMENT
		ACCESS TRACKS

N

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

PROJECT No.	SIZE	DRAWING No	SHEETS	AMD.
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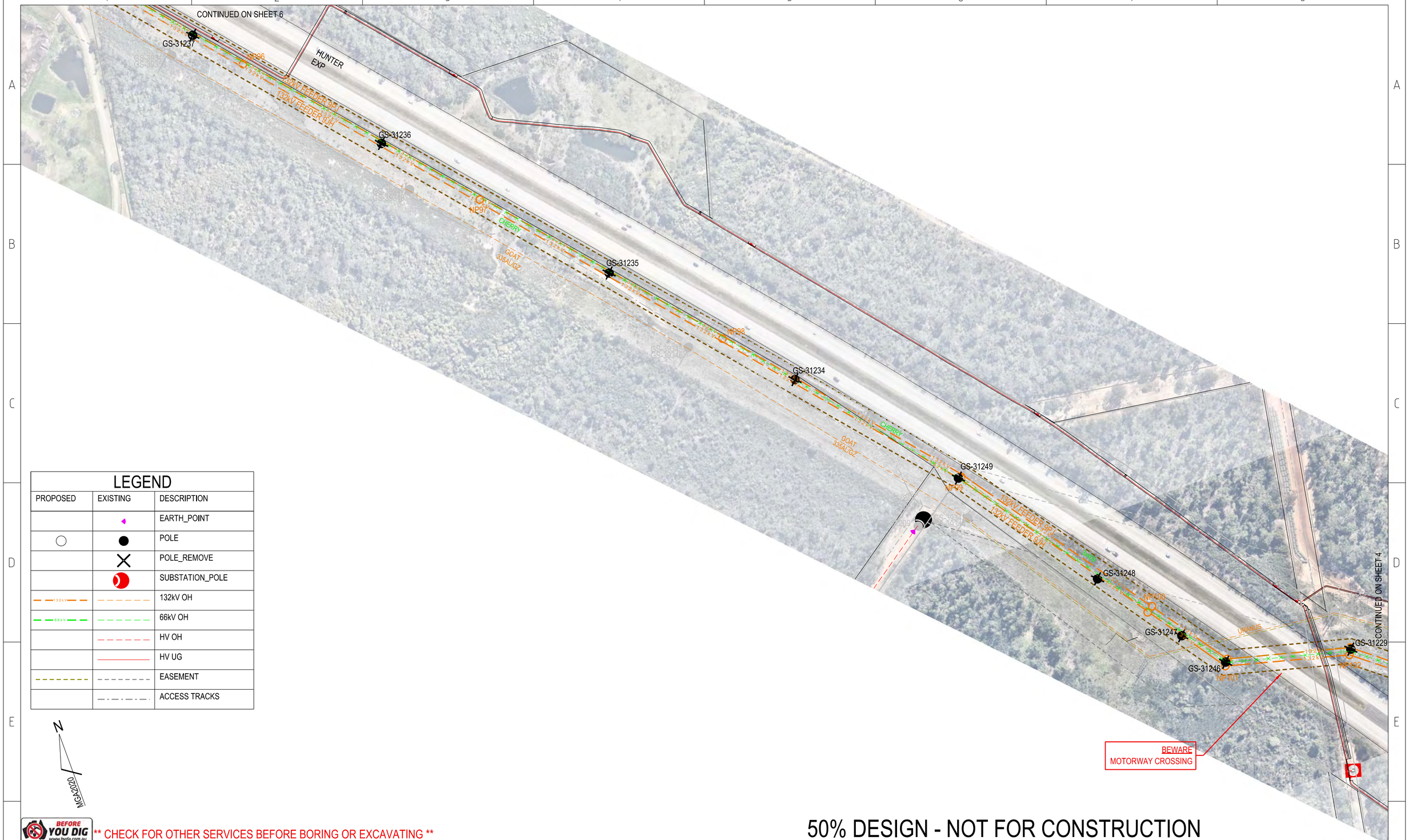

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
132kV		132kV OH
66kV		66kV OH
		HV OH
		HV UG
		EASEMENT
		ACCESS TRACKS

N

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK
PROJECT No.	NC-01006

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE A2 | DRAWING No 269285 | SHEETS 5 of 24 | AMD. 0

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LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_KIOSK
		132kV OH
		66kV OH
		HV UG
		EASEMENT
		ACCESS TRACKS

N

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid

42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK
PROJECT No.	NC-01006

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD
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20110909

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PROPOSED	EXISTING	DESCRIPTION
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		POLE
		POLE_REMOVE
		SUBSTATION_KIOSK
		132kV OH
		66kV OH
		HV UG
		EASEMENT
		ACCESS TRACKS

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK
PROJECT No.	NC-01006

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE A2 | DRAWING No 269285 | SHEETS 7 of 24 | AMD 0

20110909

269285-7.dgn 3/7/2025 10:11:16 AM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
		SWITCH_RMU
		132kV OH
		66kV OH
		HV OH
		LV OH
		HV UG
		EASEMENT
		ACCESS TRACKS

N

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK
PROJECT No.	NC-01006

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

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PROPOSED	EXISTING	DESCRIPTION
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		POLE
		POLE_REMOVE
		SUBSTATION_POLE
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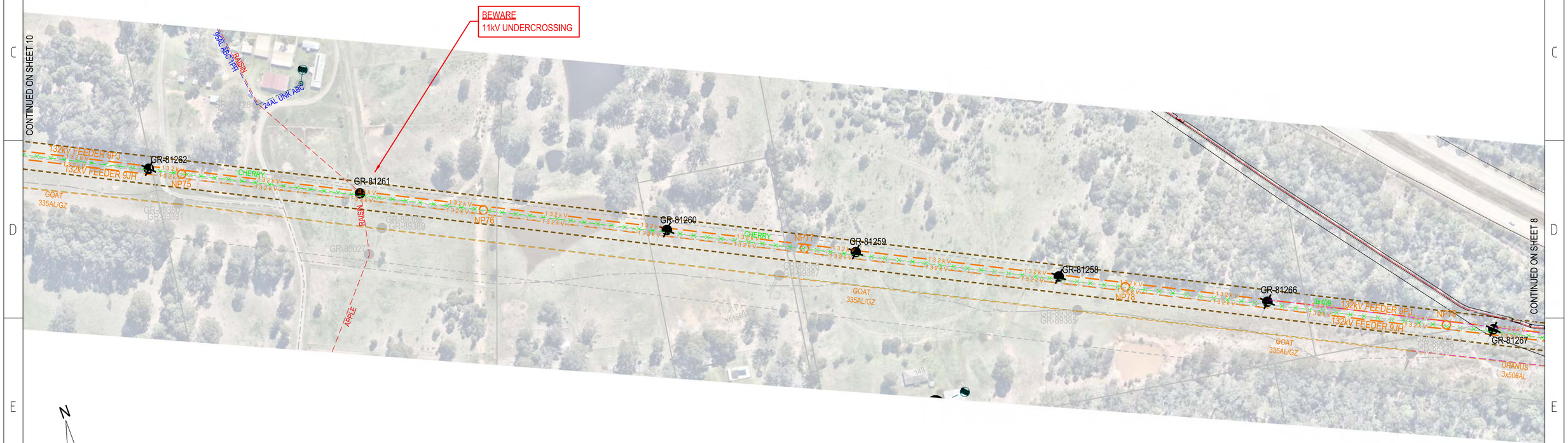
66kV		66kV OH
		HV OH
		LV OH
		HV UG
		EASEMENT
		ACCESS TRACKS



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AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK
PROJECT No.	NC-01006

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

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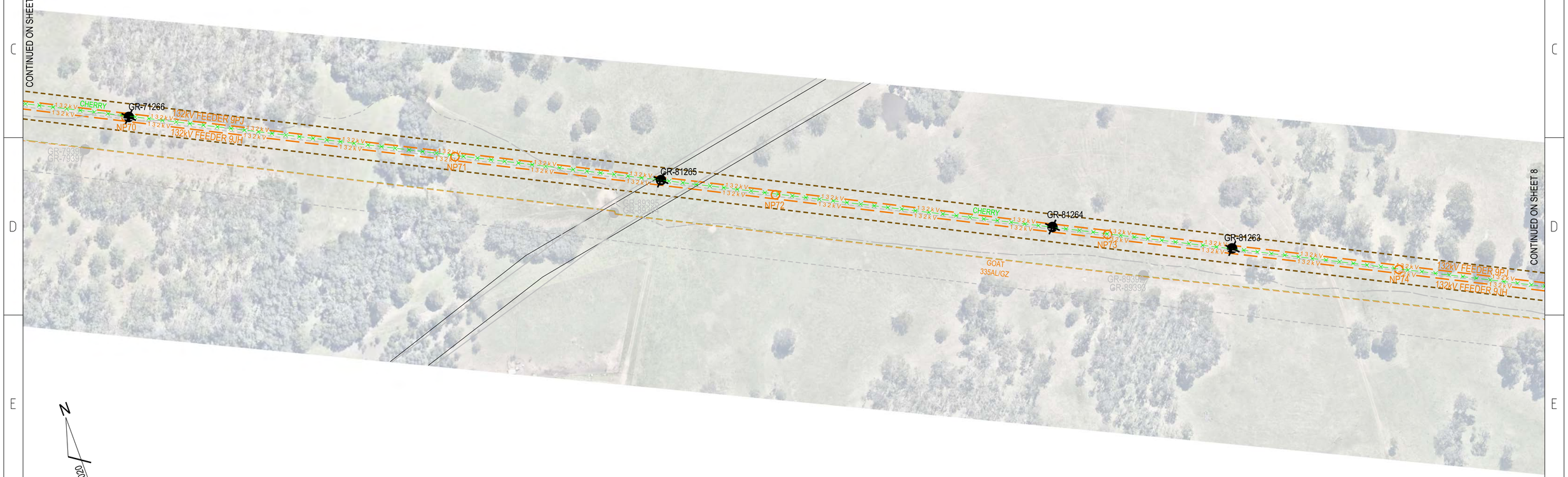
		POLE_REMOVE
		132kV OH
		66kV OH
		EASEMENT
		ACCESS TRACKS



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AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK
PROJECT No.	NC-01006

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
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LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		66kV OH
		EASEMENT
		ACCESS TRACKS

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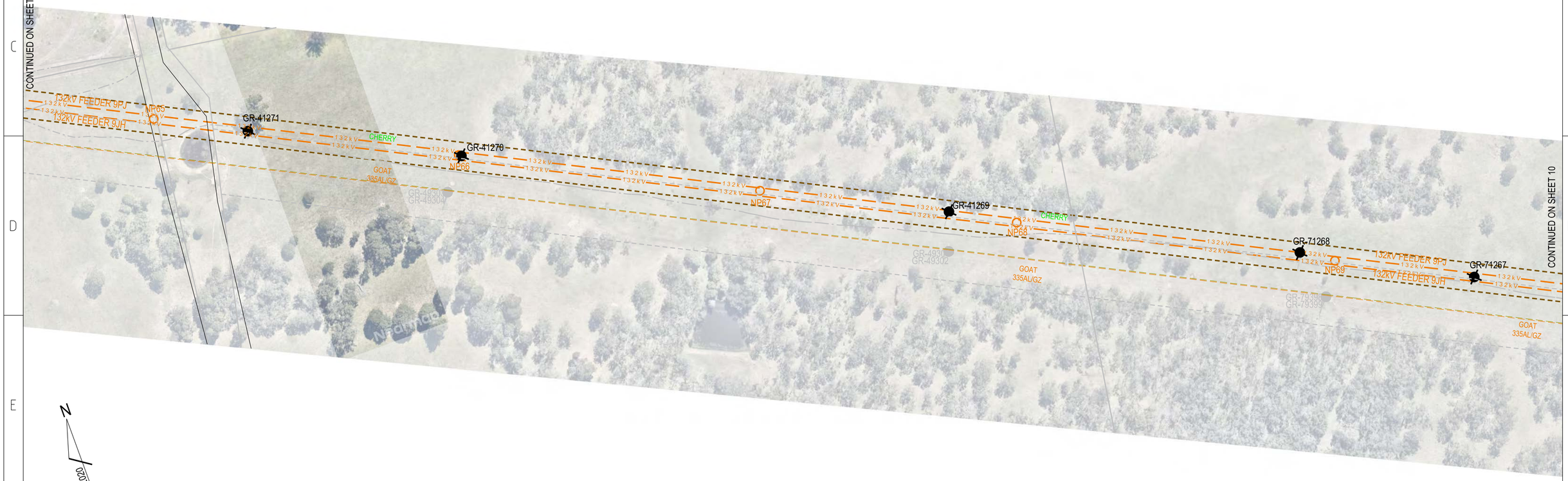

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK
PROJECT No.	NC-01006

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
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LEGEND

PROPOSED	EXISTING	DESCRIPTION
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		POLE
		POLE_REMOVE
132kV		132kV OH
66kV		66kV OH
		EASEMENT
		ACCESS TRACKS

N

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

PROJECT No.	SIZE	DRAWING No	SHEETS	AMD.
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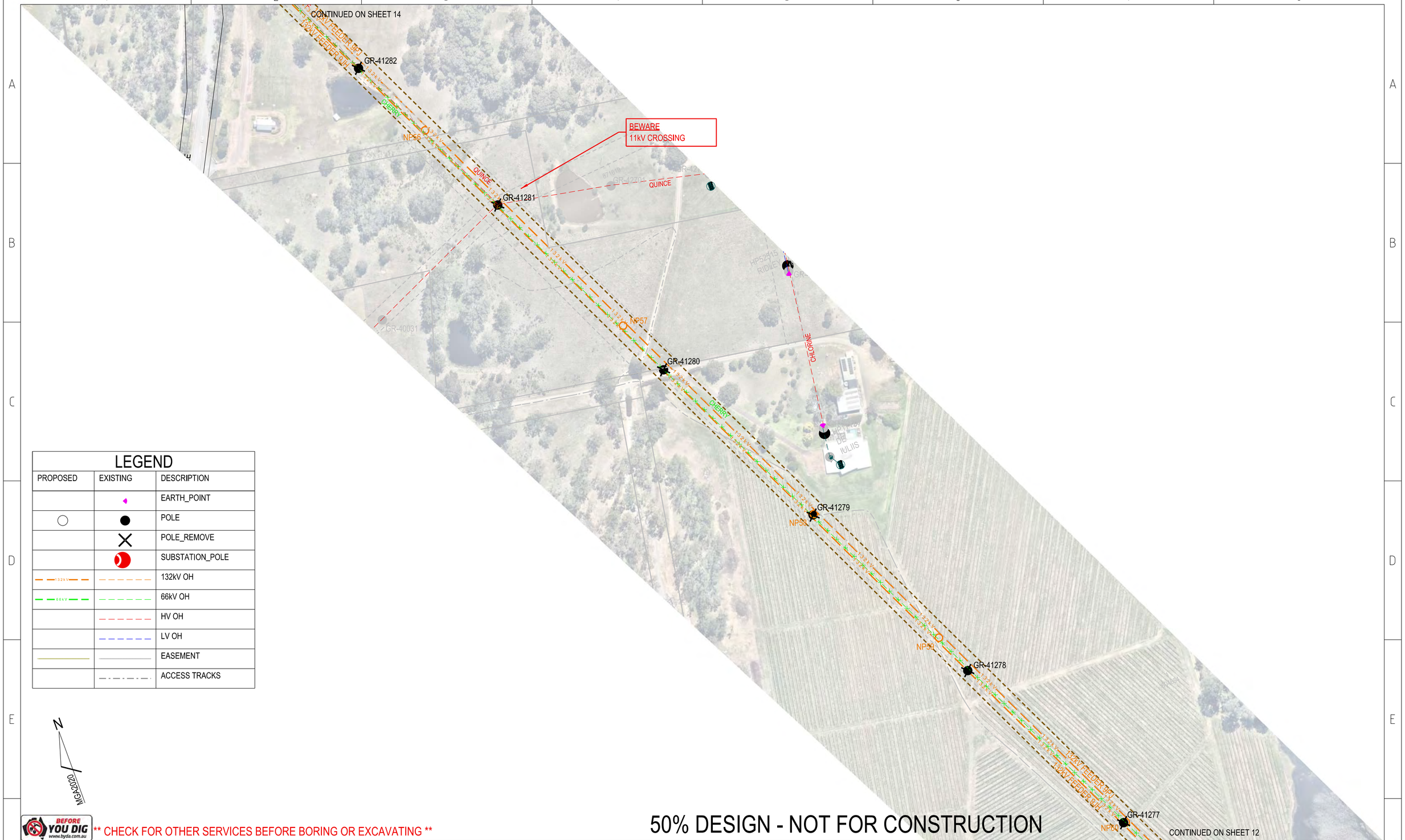

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
		132kV OH
		66kV OH
		HV OH
		LV OH
		EASEMENT
		ACCESS TRACKS

N

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK
PROJECT No.	NC-01006

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
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20110909

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LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
		SWITCH_FUSE
		132kV OH
		66kV OH
		HV OH
		LV OH
		STAY WIRE
		EASEMENT
		ACCESS TRACKS

N

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK
PROJECT No.	NC-01006

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD
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20110909

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LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		66kV OH
		EASMENT

N

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK
PROJECT No.	NC-01006

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

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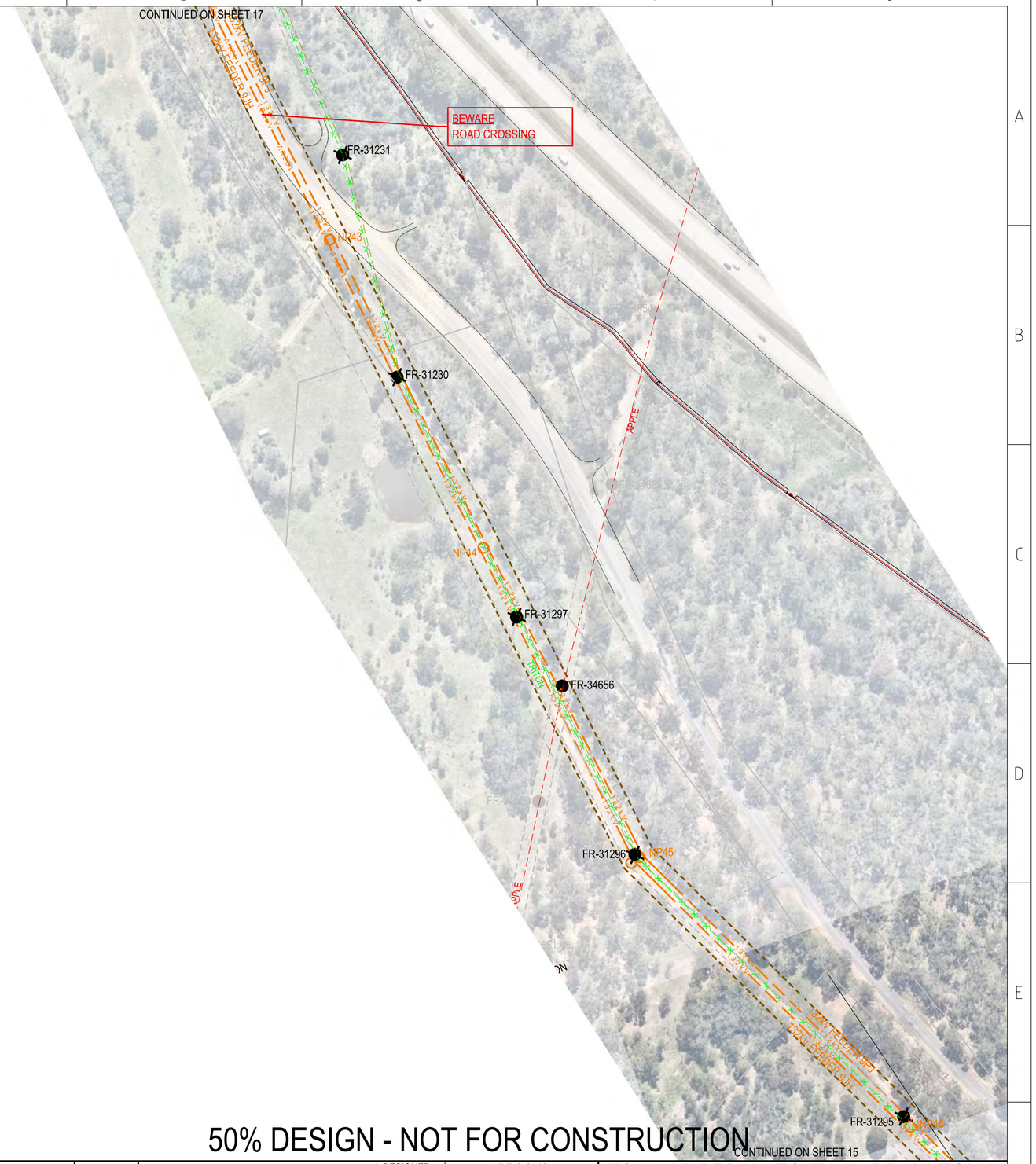

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
132kV		132kV OH
66kV		66kV OH
		HV OH
		HV UG
		EASEMENT

N

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK
PROJECT No.	NC-01006

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

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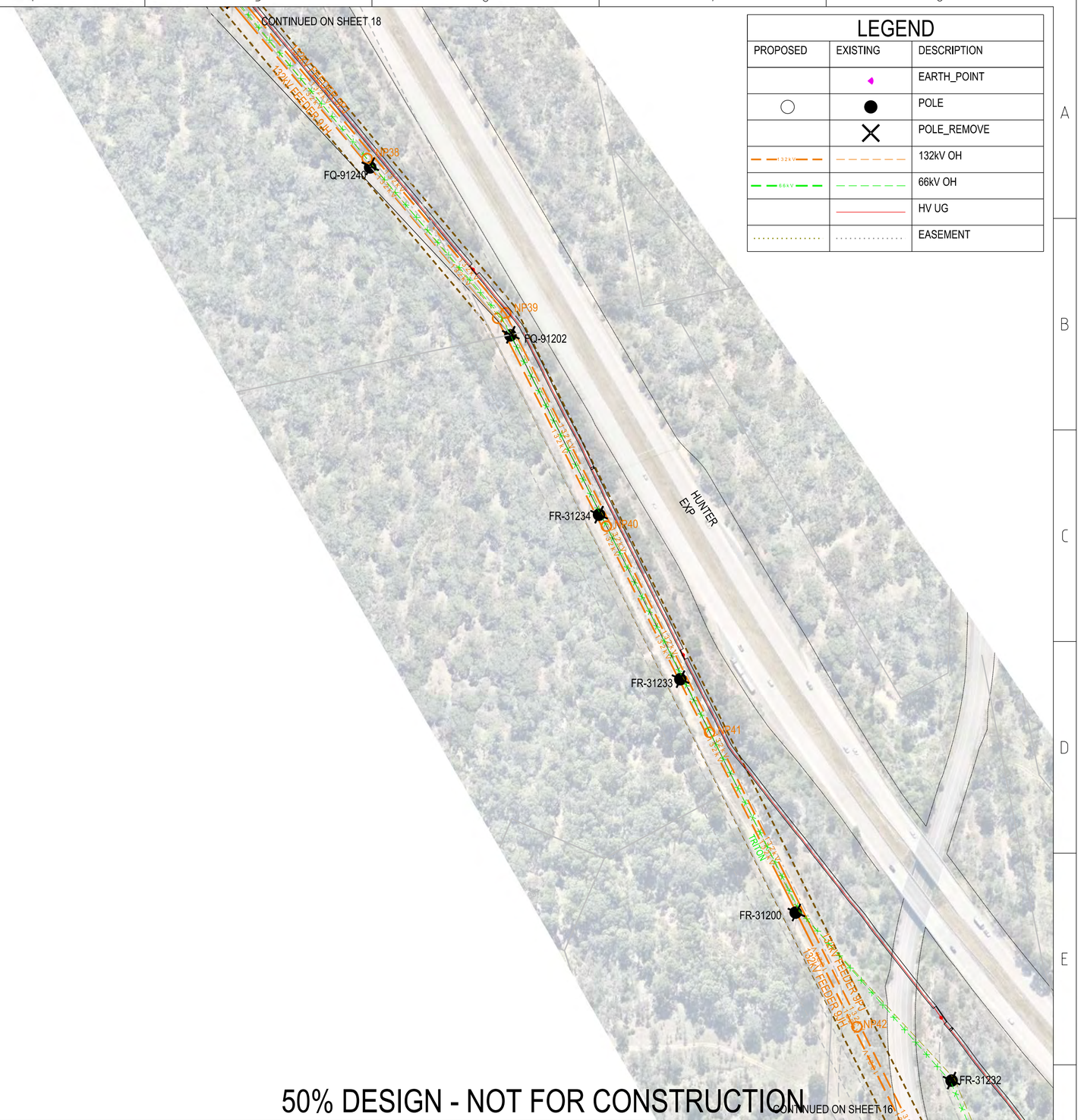

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		66kV OH
		HV UG
		EASEMENT

N

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CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

PROJECT No.	SIZE	DRAWING No	SHEETS	AMD
NC-01006	A2	269285	17 of 24	0

20110909

269285-17.dgn 3/7/2025 10:18:25 AM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		66kV OH
		EASEMENT

N

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50% DESIGN - NOT FOR CONSTRUCTION

CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK
PROJECT No.	NC-01006

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	269285	18 of 24	0

20110909

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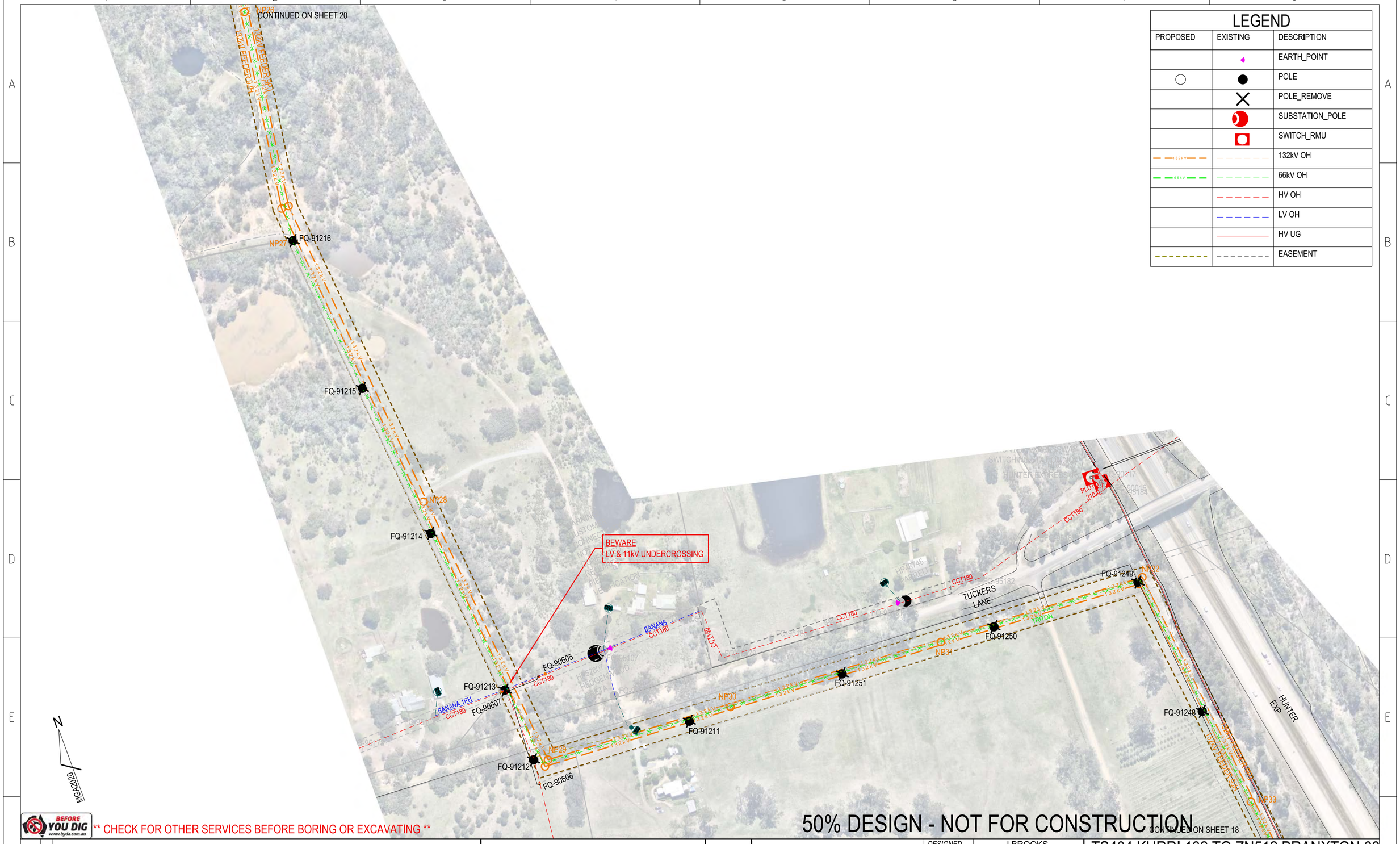

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
		SWITCH_RMU
		132kV OH
		66kV OH
		HV OH
		LV OH
		HV UG
		EASEMENT

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CONTINUED ON SHEET 18

CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK
PROJECT No.	NC-01006

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD
A2	269285	19 of 24	0

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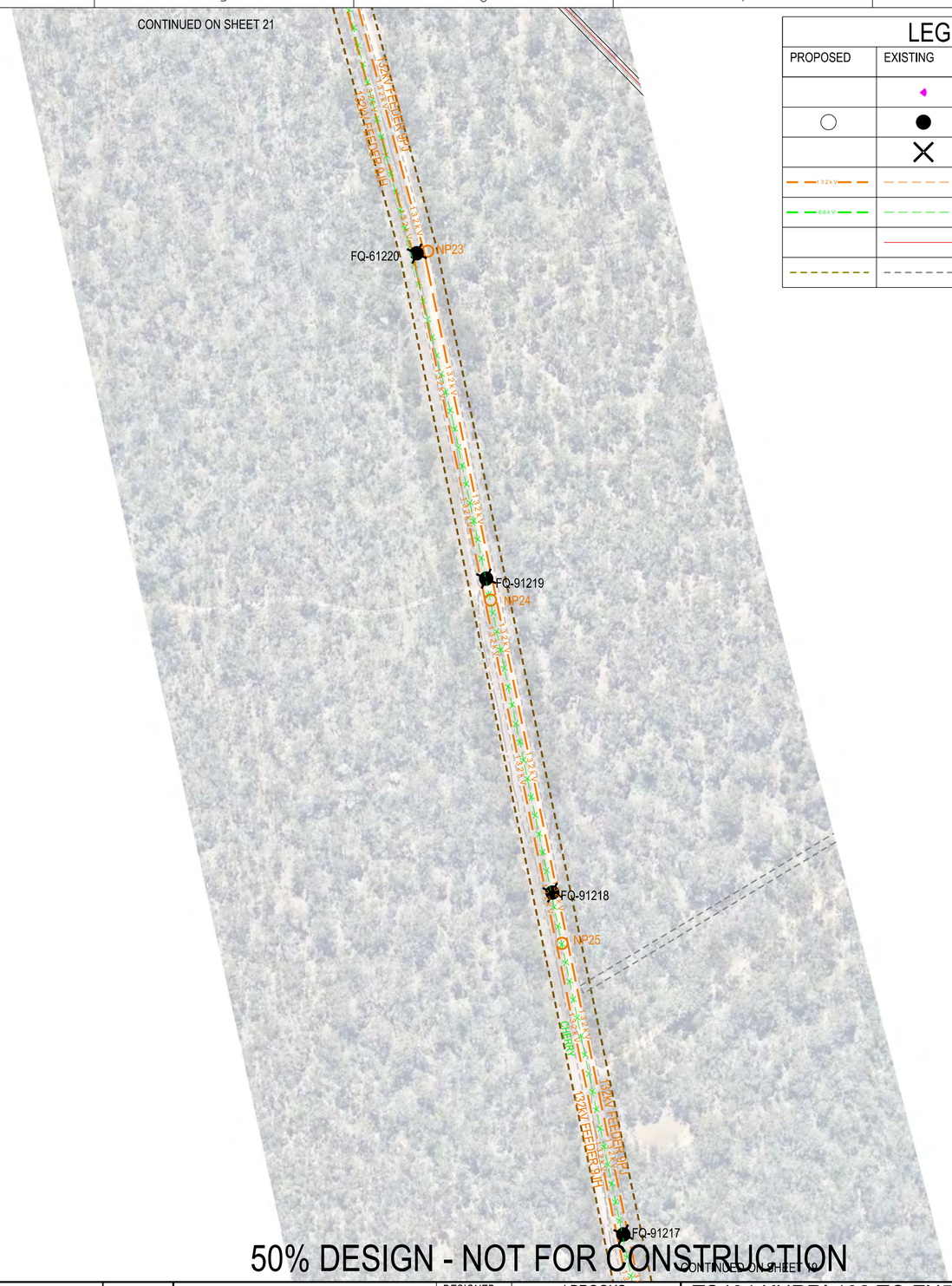

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
132kV		132kV OH
66kV		66kV OH
		HV UG
		EASEMENT

N

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CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

PROJECT No.	SIZE	DRAWING No	SHEETS	AMD.
NC-01006	A2	269285	20 of 24	0

20110909

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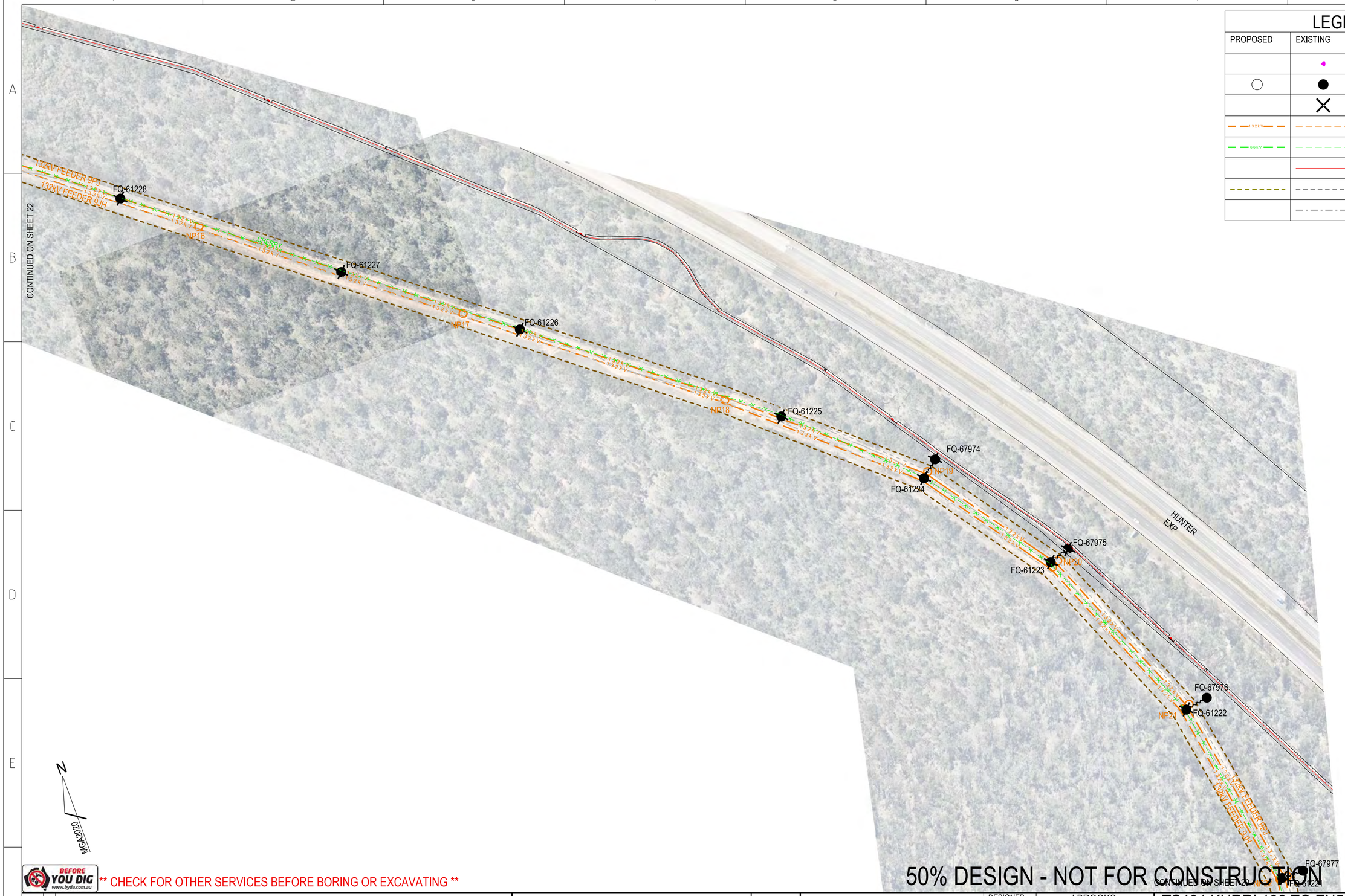

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		66kV OH
		HV UG
		EASEMENT
		ACCESS TRACKS

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK
PROJECT No.	NC-01006

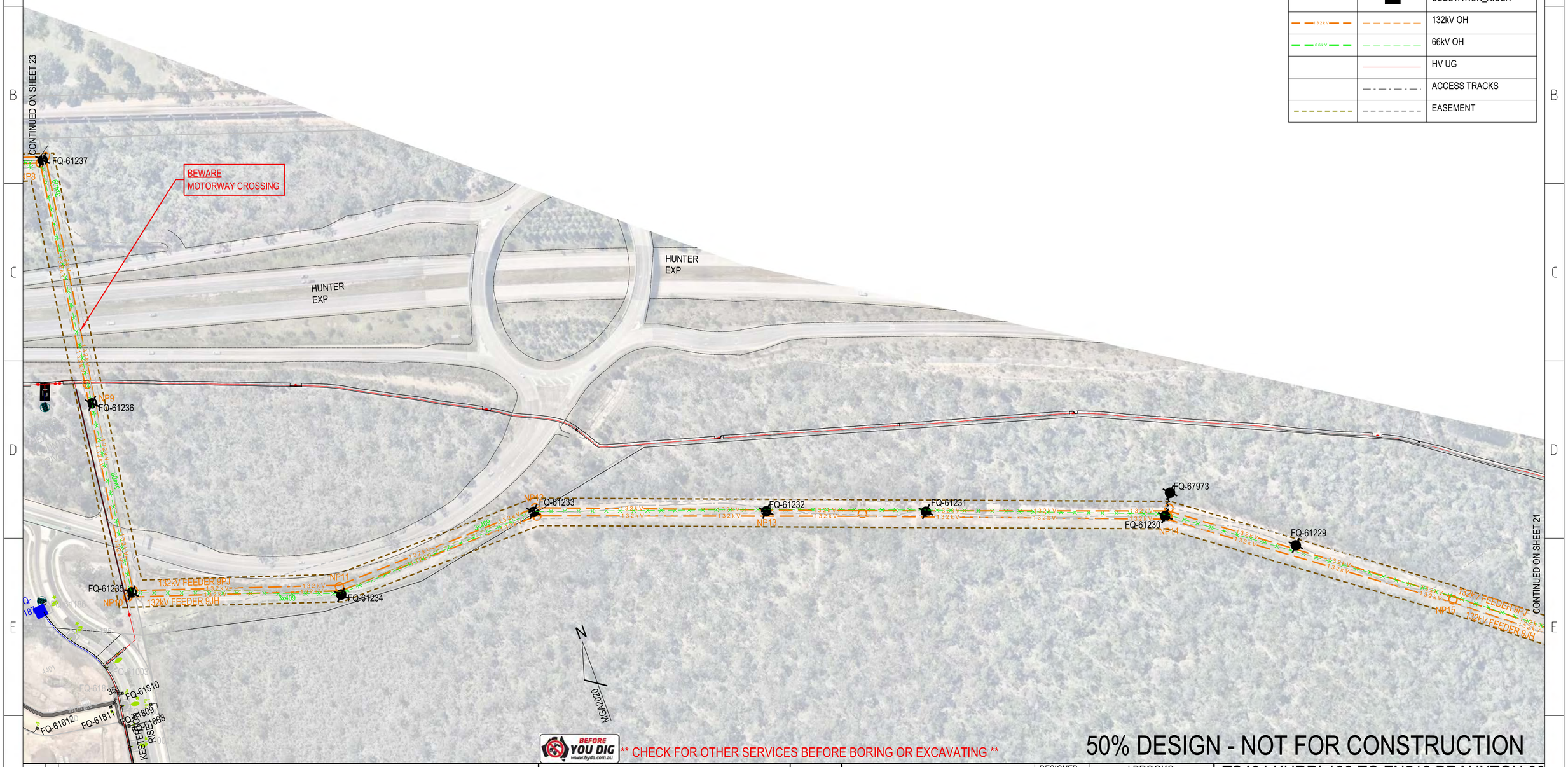
TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	269285	21 of 24	0

20110909

269285-21.dgn 3/7/2025 10:20:43 AM

LEGEND		
PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		STREETLIGHT_PEC
		STREETLIGHT_STAND
		SUBSTATION_KIOSK
132kV		132kV OH
66kV		66kV OH
		HV UG
		ACCESS TRACKS
		EASEMENT



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CAD DRAWING
DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK
PROJECT No.	NC-01006

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

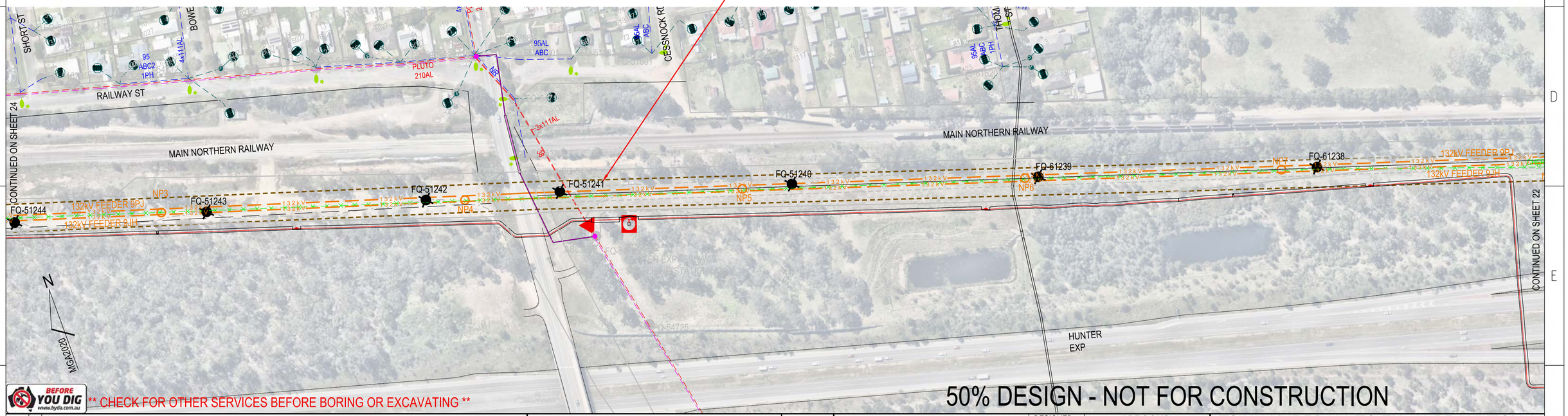
SIZE	DRAWING No	SHEETS	AMD.
A2	269285	22 of 24	0

20110909

269285-22.dgn 3/7/2025 10:21:14 AM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SWITCH_RMU
		SWITCH_ABS_LOAD
132kV		132kV OH
66kV		66kV OH
		HV OH
		LV OH
		STAY WIRE
		GROUND ANCHOR
		ACCESS TRACKS
		EASEMENT



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CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK
PROJECT No.	NC-01006

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

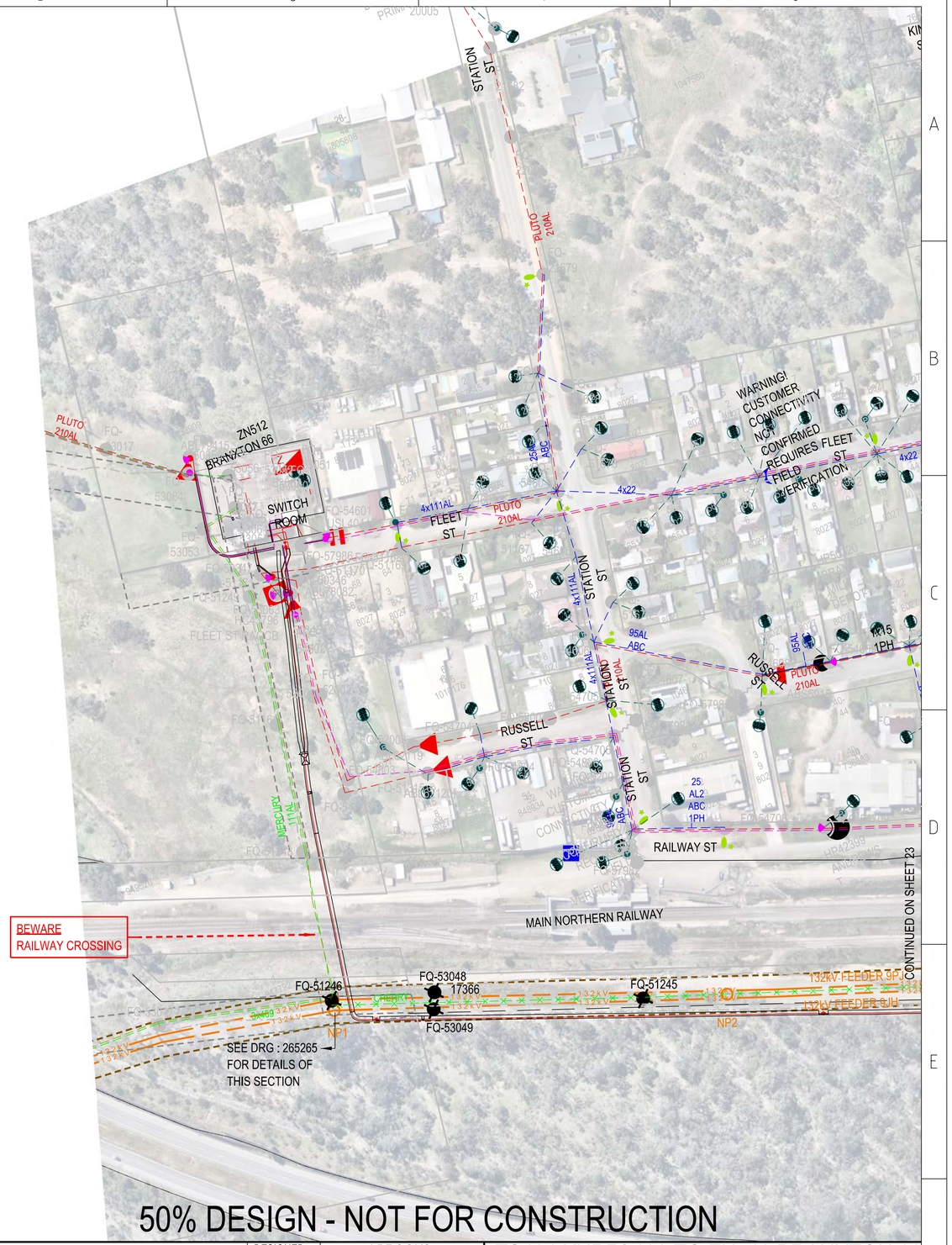
SIZE	DRAWING No	SHEETS	AMD.
A2	269285	23 of 24	0

20110909

269285-23.dgn 3/7/2025 10:21:52 AM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
○	●	POLE
	✕	POLE_REMOVE
132kV		132kV OH
66kV		66kV OH
HV		HV OH
LV		LV OH
HV		HV UG
		SUBSTATION_POLE
Aux		AUXILIARY OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK



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CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265264

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	HS44-FQ52
LGA	CESSNOCK
PROJECT No.	NC-01006

TS404 KURRI 132 TO ZN512 BRANXTON 66
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
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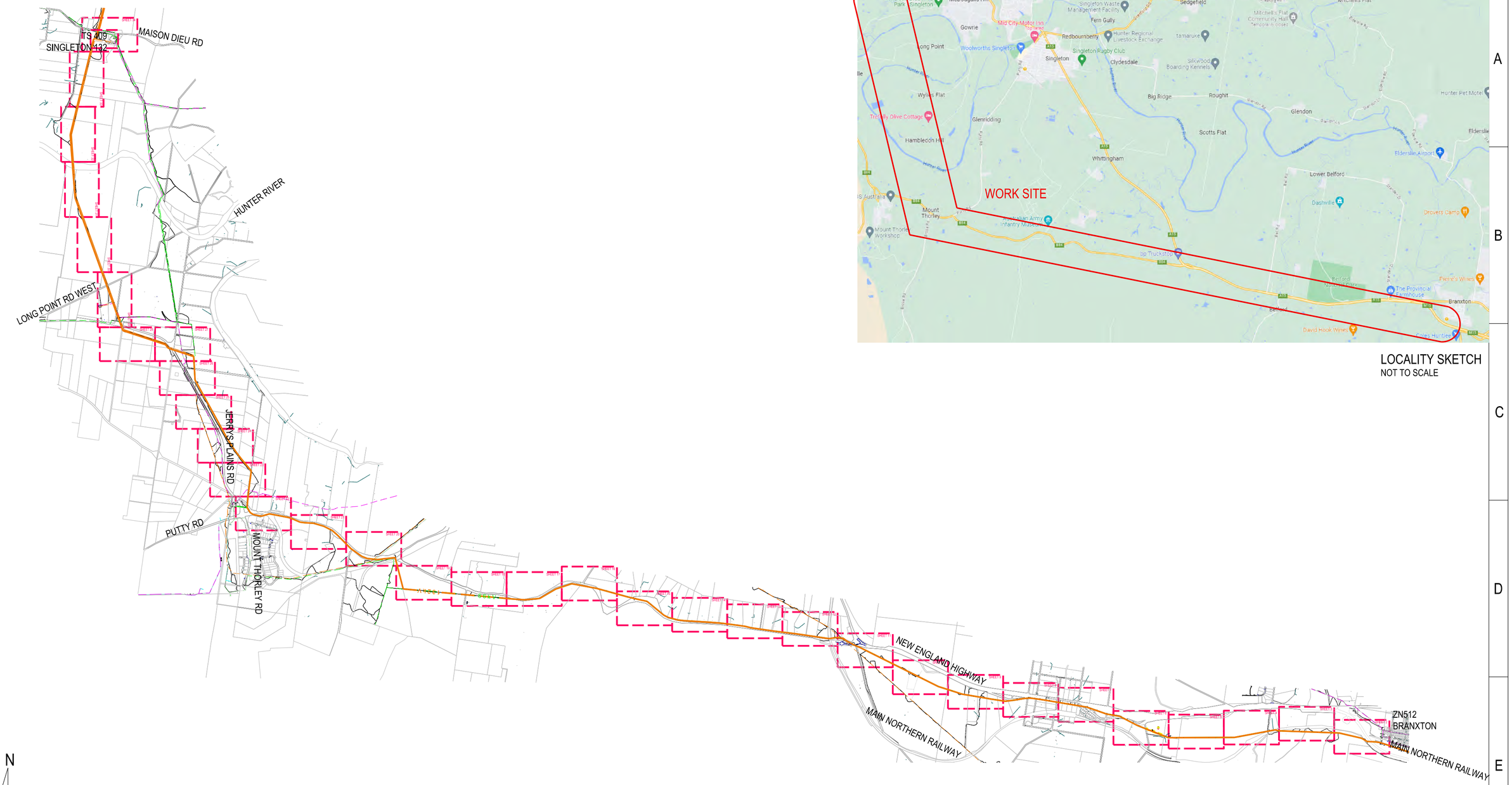

LOCALITY SKETCH
NOT TO SCALE

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CAD DRAWING
DO NOT MANUALLY AMEND
AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	1:55000
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
LOCALITY & KEY PLAN

SIZE	DRAWING No	SHEETS	AMD.
A2	265265	1 of 34	0

20110909

265265-1.dgn 4/16/2025 3:43:28 PM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_ZONE
		SUBSTATION_POLE
		SWITCH_RECLOSER
		SWITCH_ABS_LOAD
		SWITCH_LINK
		SUPPLY_POINT
		JOINT_UGOH
		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		LV OH
		HV UG
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK

N

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CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

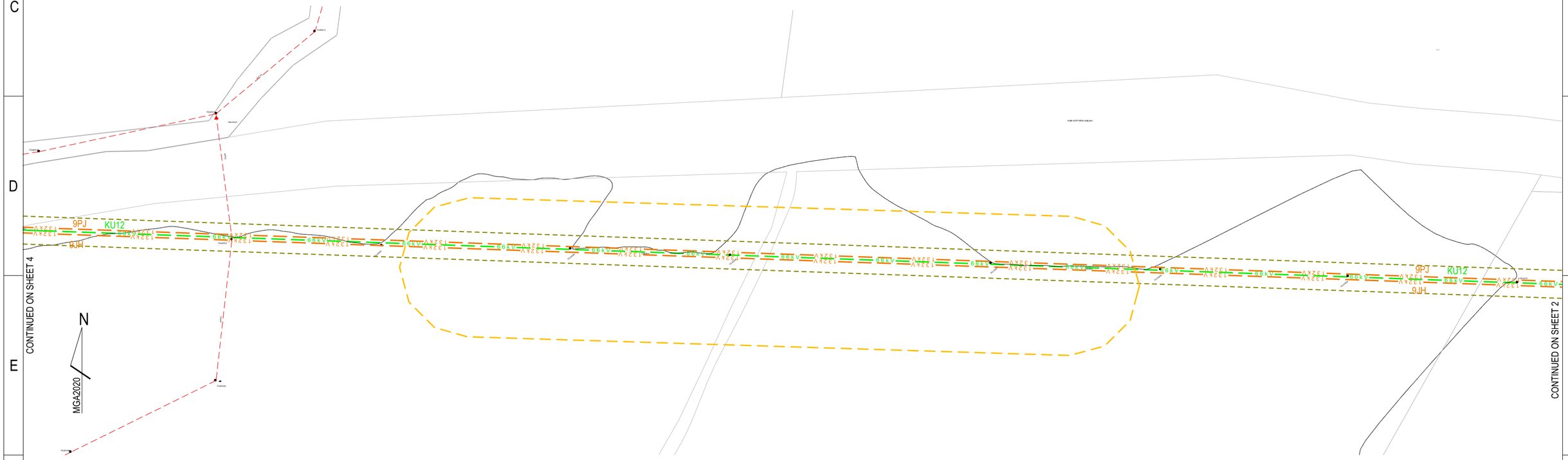
SIZE	DRAWING No	SHEETS	AMD.
A2	265265	2 of 34	0

20110909

265265-2.dgn 4/16/2025 3:44:03 PM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SWITCH_ABS_LOAD
		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK
		ACHA AREA
		ACHA POLE INVESTIGATION



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CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

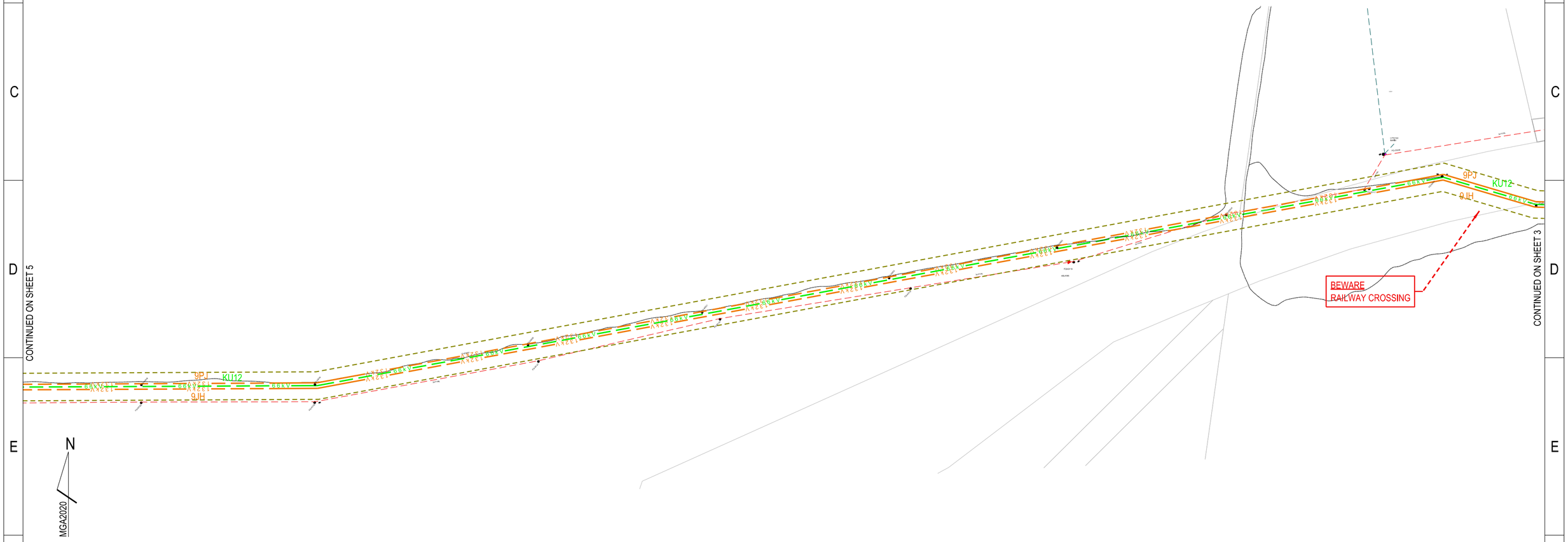
ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265265	3 of 34	0

20110909

265265-3.dgn 4/16/2025 3:44:44 PM

LEGEND		
PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK



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CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

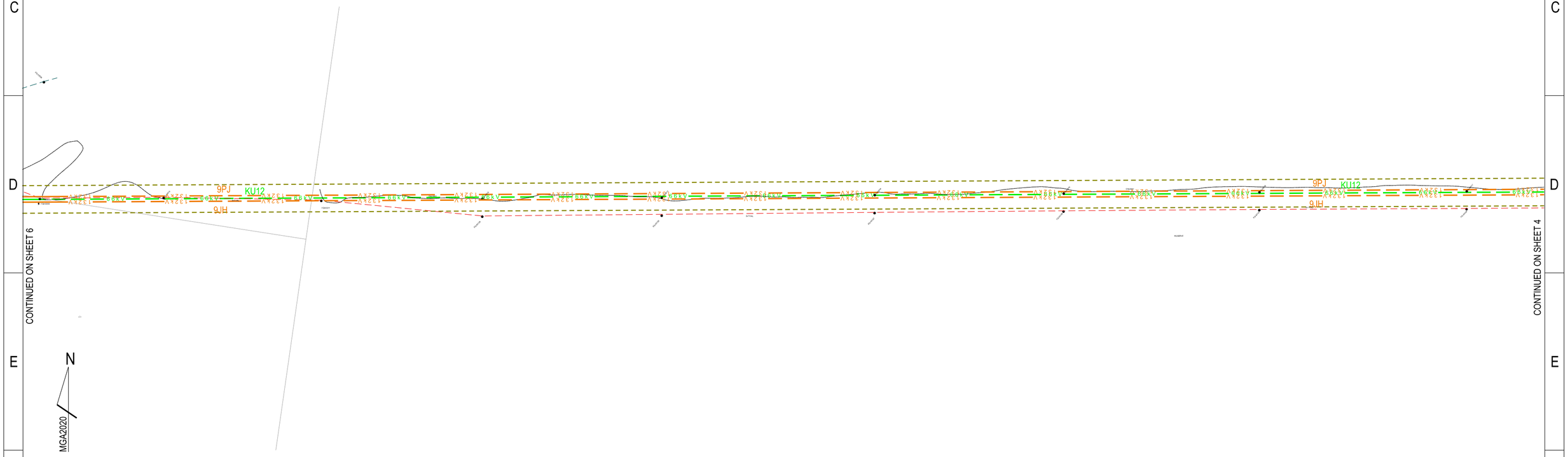
SIZE	DRAWING No	SHEETS	AMD.
A2	265265	4 of 34	0

20110909

265265-4.dgn 4/16/2025 3:45:14 PM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		EASEMENT
		ACCESS TRACK



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CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265265	5 of 34	0

20110909

265265-5.dgn 4/16/2025 3:45:41 PM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
		SWITCH_RECLOSER
		SWITCH_FUSE
		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		LV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK

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CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265265	6 of 34	0

20110909

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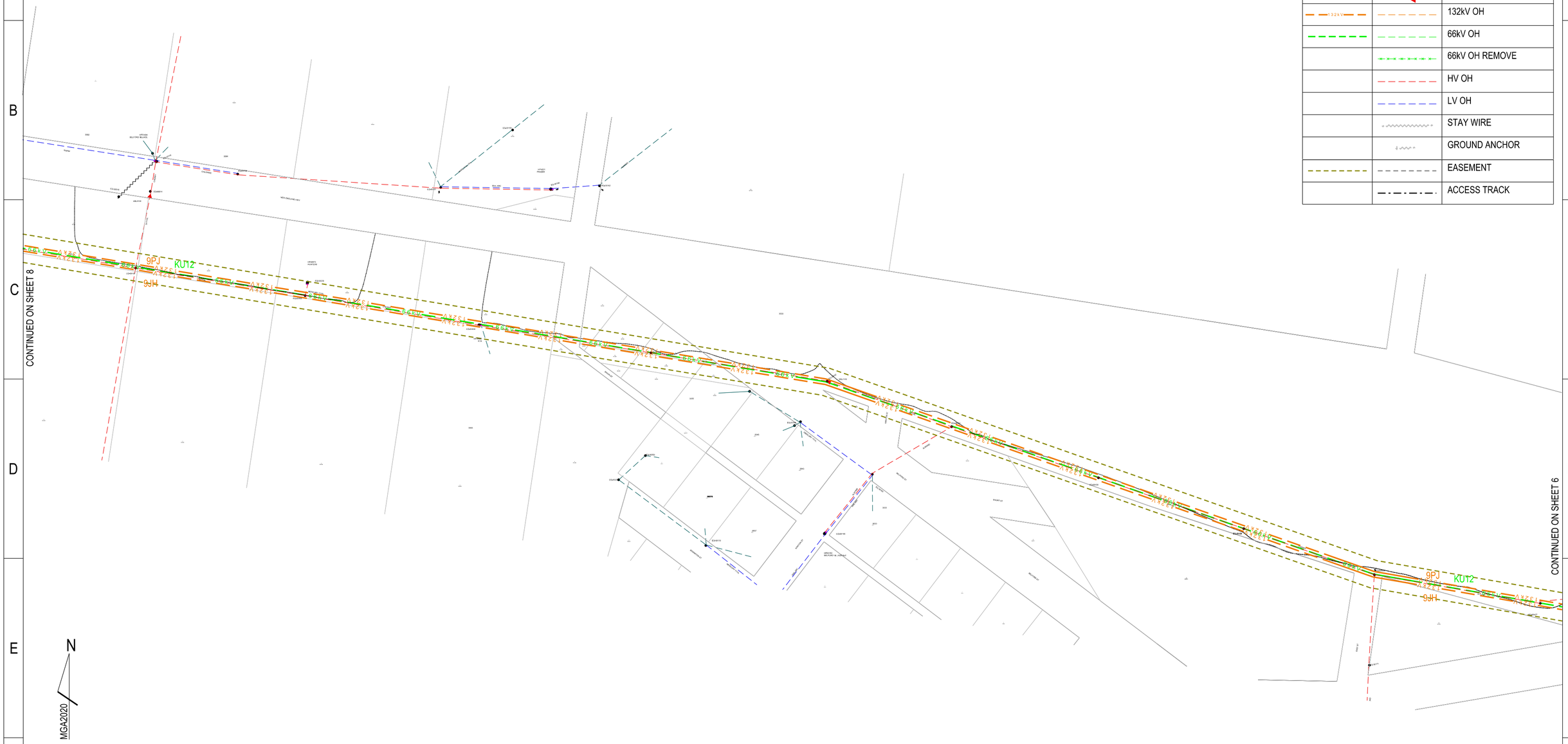

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
		SWITCH_ABS_LOAD
		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		LV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK

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CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

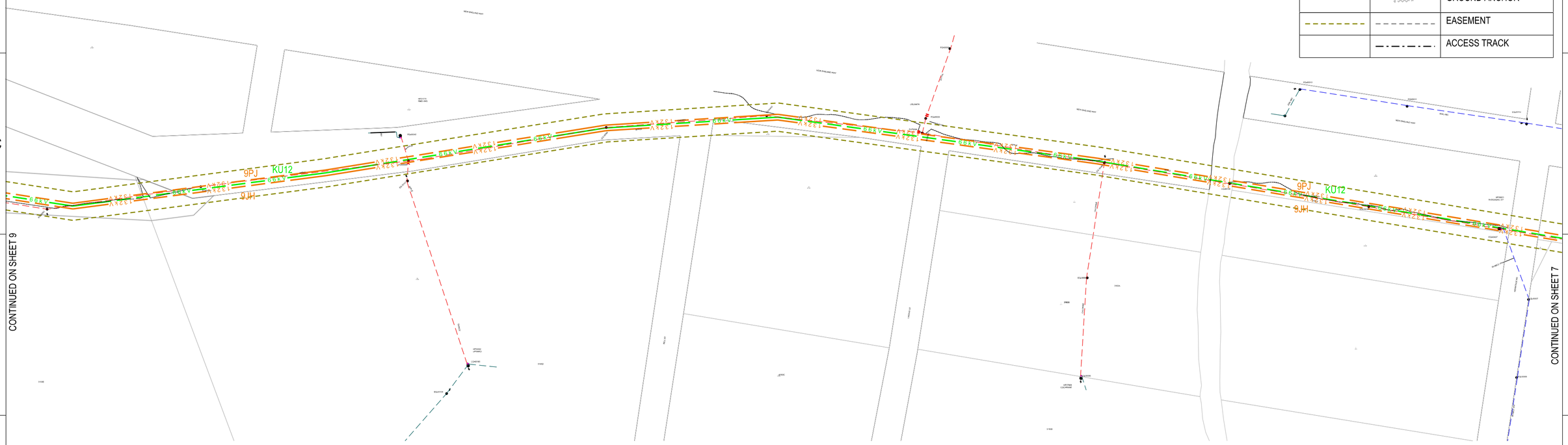
ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265265	7 of 34	0

20110909

265265-7.dgn 4/17/2025 8:24:11 AM

LEGEND		
PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
		SWITCH_FUSE
132kV		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		LV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK



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CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265265	8 of 34	0

20110909

265265-8.dgn 4/17/2025 8:24:36 AM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		STAY WIRE
		EASEMENT
		ACCESS TRACK

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CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265265	9 of 34	0

20110909

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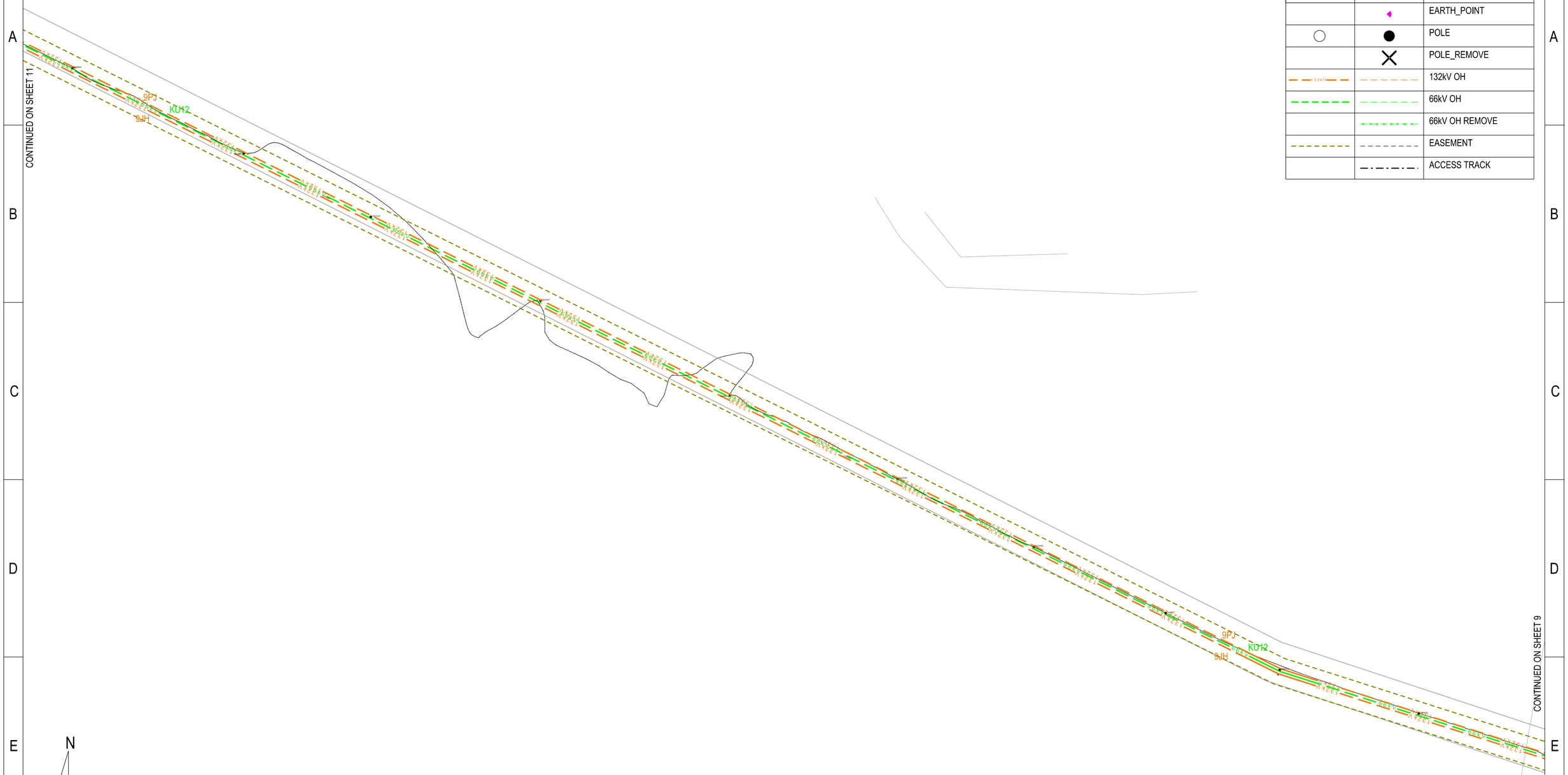

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		66kV OH
		66kV OH REMOVE
		EASEMENT
		ACCESS TRACK

N

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
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AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265265	10 of 34	0

20110909

265265-10.dgn 4/16/2025 3:48:02 PM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
		SWITCH_ABS_LOAD
		SWITCH_FUSE
		JOINT_UGOH
		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

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145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

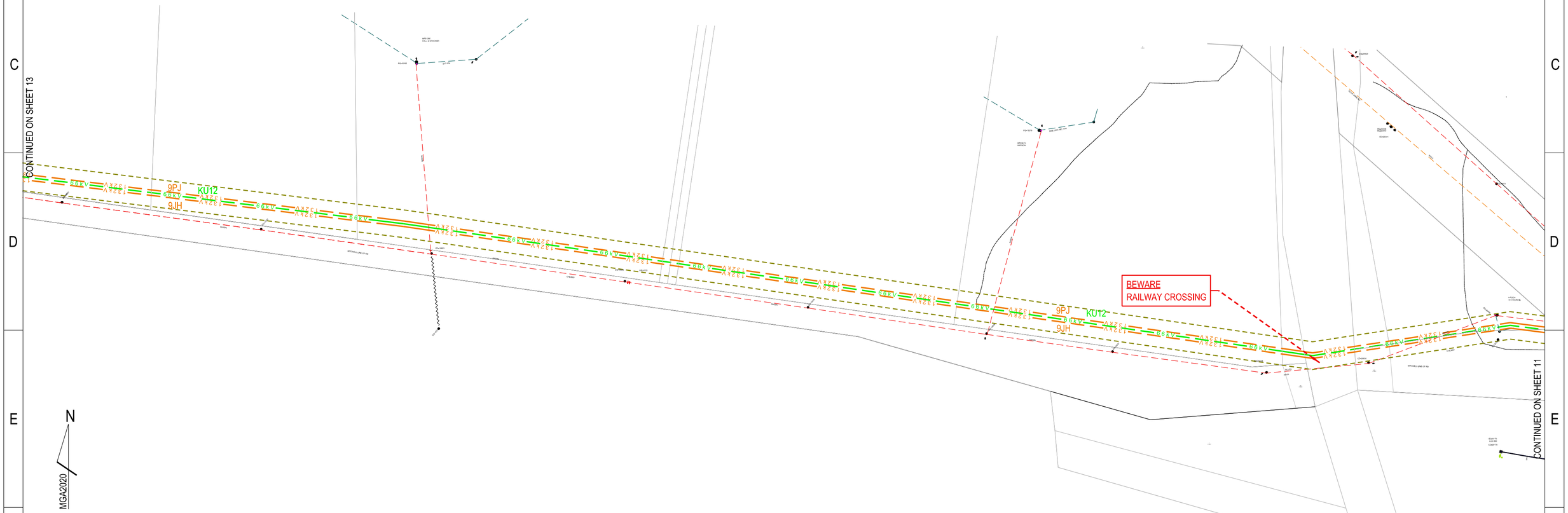
SIZE	DRAWING No	SHEETS	AMD.
A2	265265	11 of 34	0

20110909

265265-11.dgn 4/16/2025 3:48:32 PM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
132kV		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		LV OH
		STAY WIRE
		EASEMENT
		ACCESS TRACK



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AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

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145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
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AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265265	12 of 34	0

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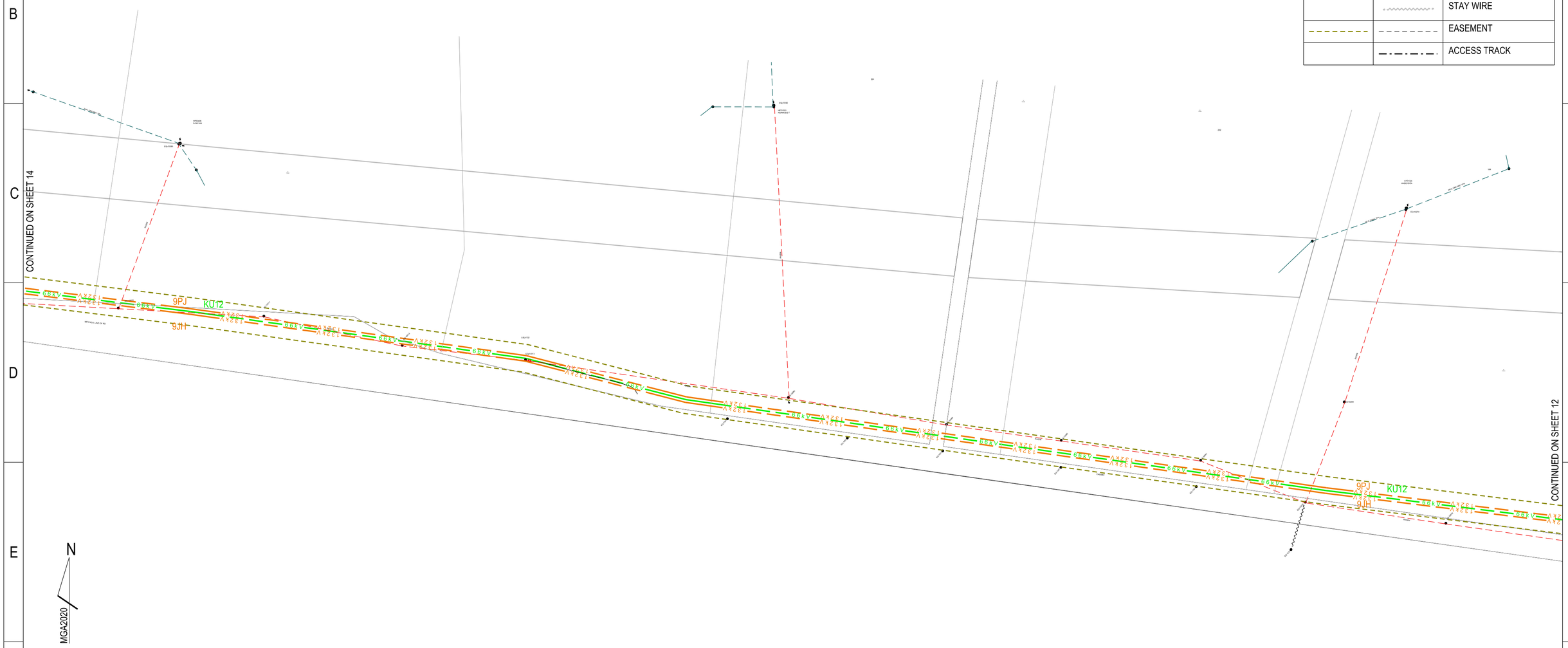
265265-12.dgn 4/16/2025 3:49:42 PM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		LV OH
		STAY WIRE
		EASEMENT
		ACCESS TRACK



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AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

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145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
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AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

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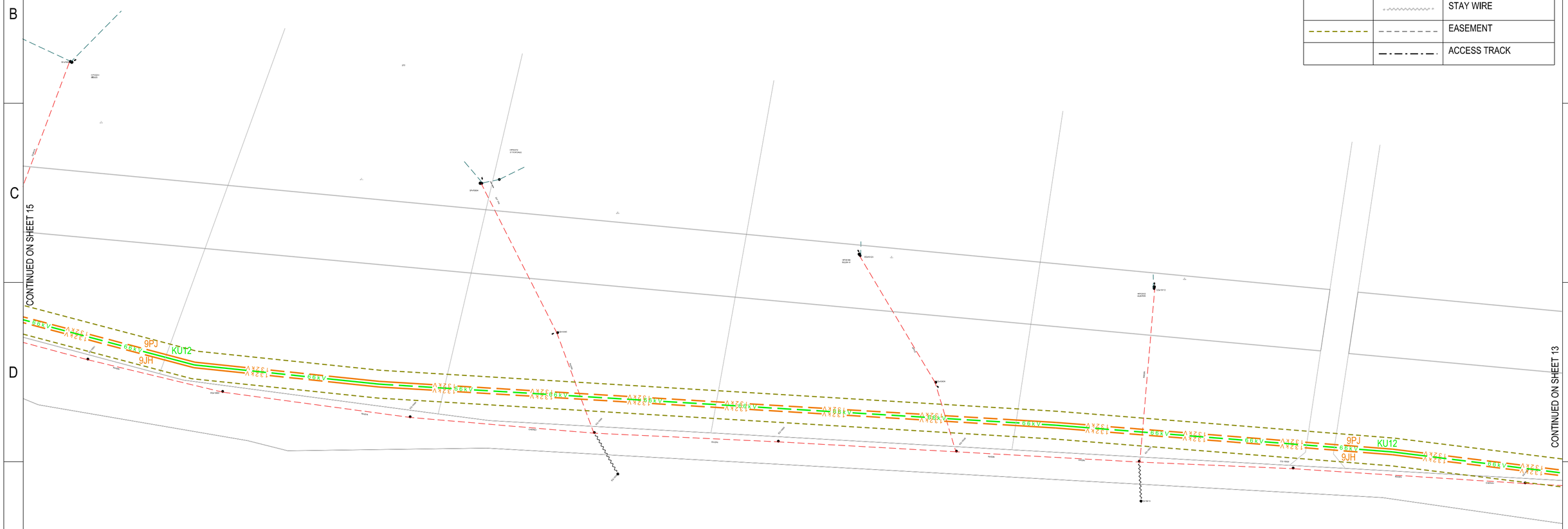

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		LV OH
		STAY WIRE
		EASEMENT
		ACCESS TRACK

N

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

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145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265265	14 of 34	0

20110909

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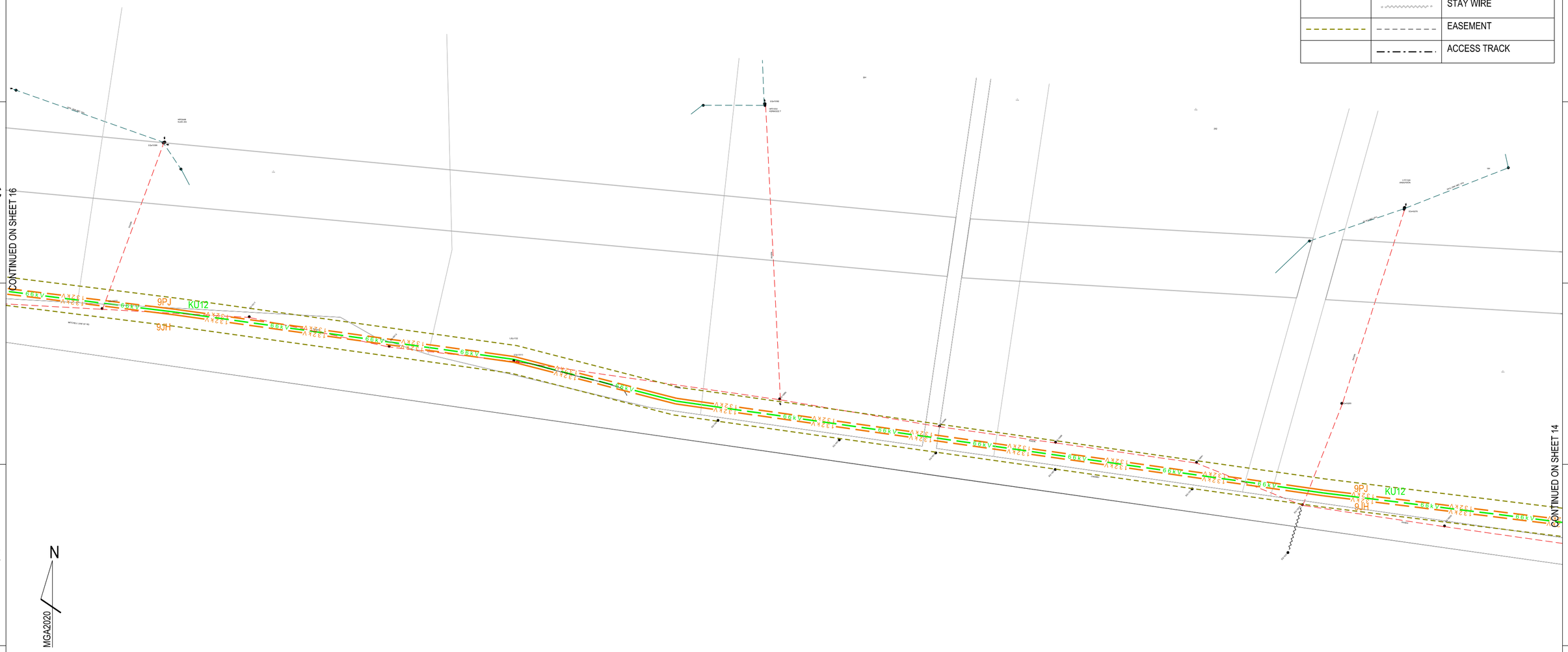
LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		LV OH
		STAY WIRE
		EASEMENT
		ACCESS TRACK



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CONDUCTOR STRINGING TABLES	265266

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DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-0994

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

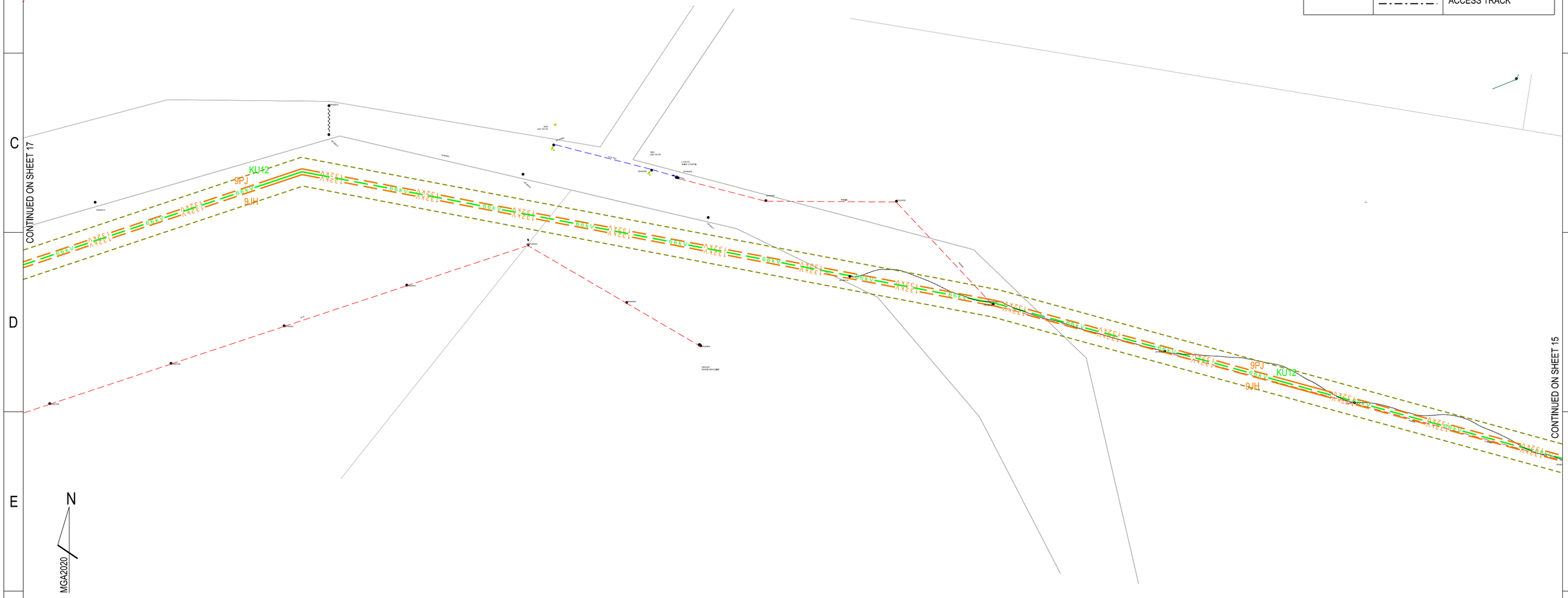
SIZE	DRAWING No	SHEETS	AMD.
A2	265265	15 of 34	0

20110909

265265-15.dgn 4/16/2025 3:51:07 PM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
132kV		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		LV OH
		STAY WIRE
		EASEMENT
		ACCESS TRACK



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AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

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WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265265	16 of 34	0

20110909

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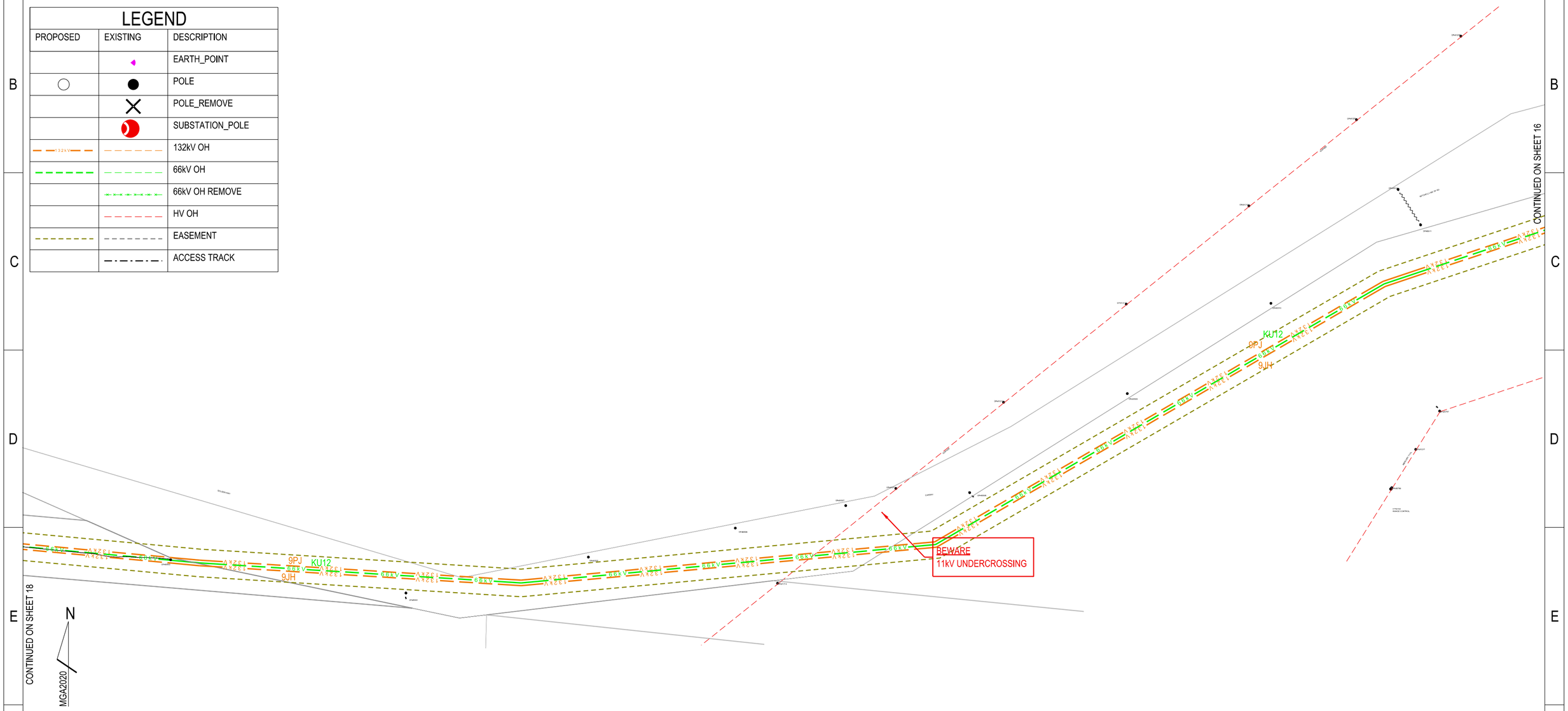
LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		EASEMENT
		ACCESS TRACK



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AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

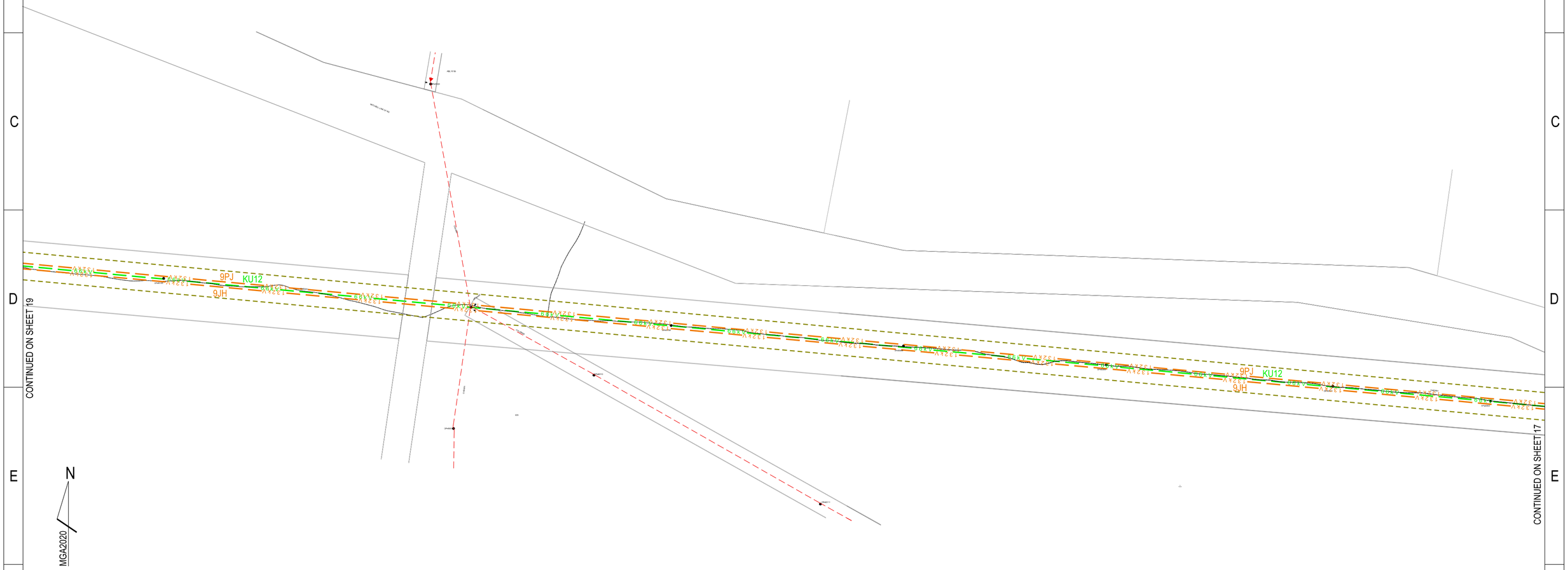
SIZE	DRAWING No	SHEETS	AMD.
A2	265265	17 of 34	0

20110909

265265-17.dgn 4/16/2025 3:52:03 PM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SWITCH_ABS_LOAD
132kV		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK



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AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

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145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

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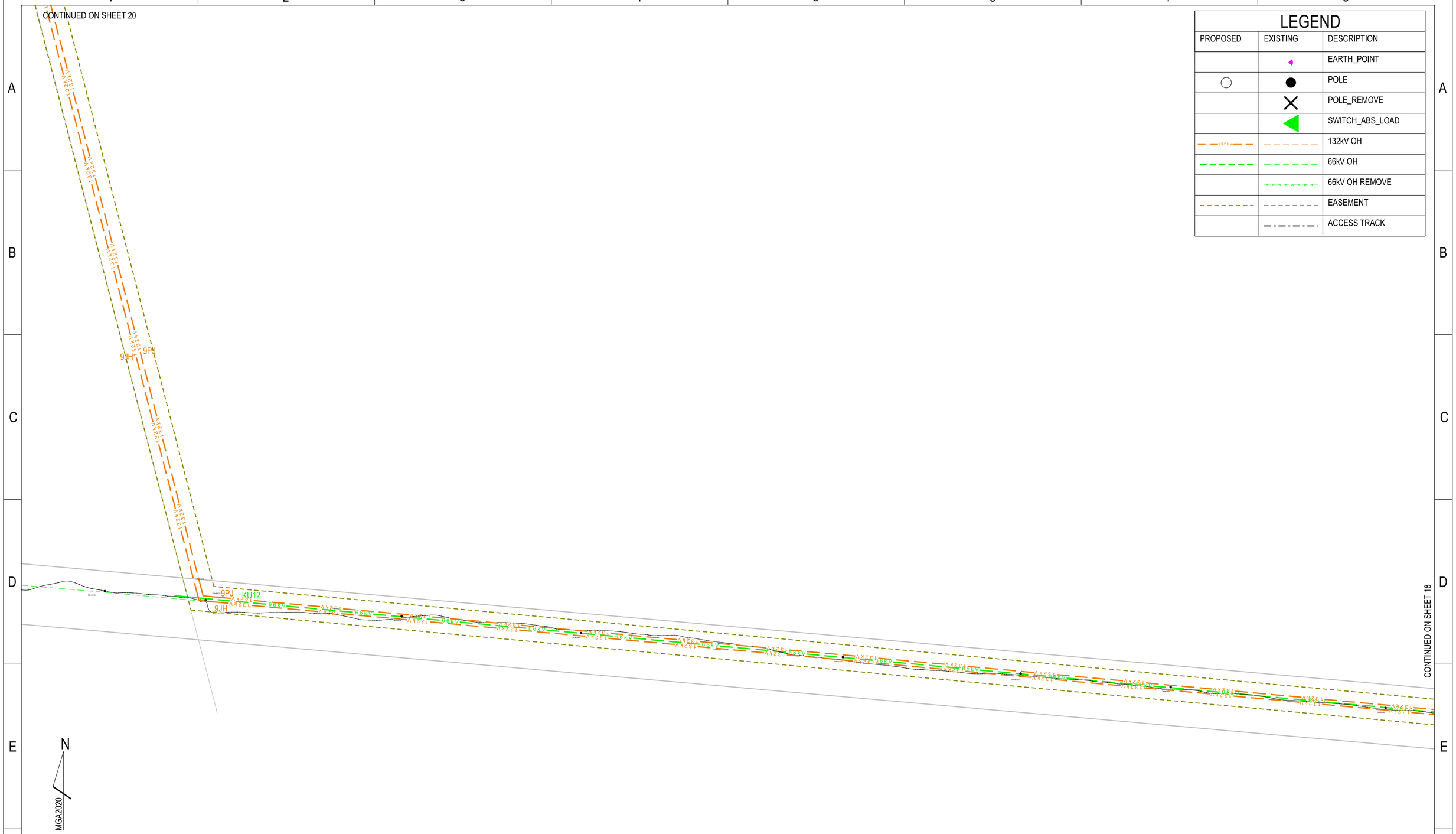

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SWITCH_ABS_LOAD
		132kV OH
		66kV OH
		66kV OH REMOVE
		EASEMENT
		ACCESS TRACK

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

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WALLSEND NSW 2287

DESIGNED	J.BROOKS
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AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
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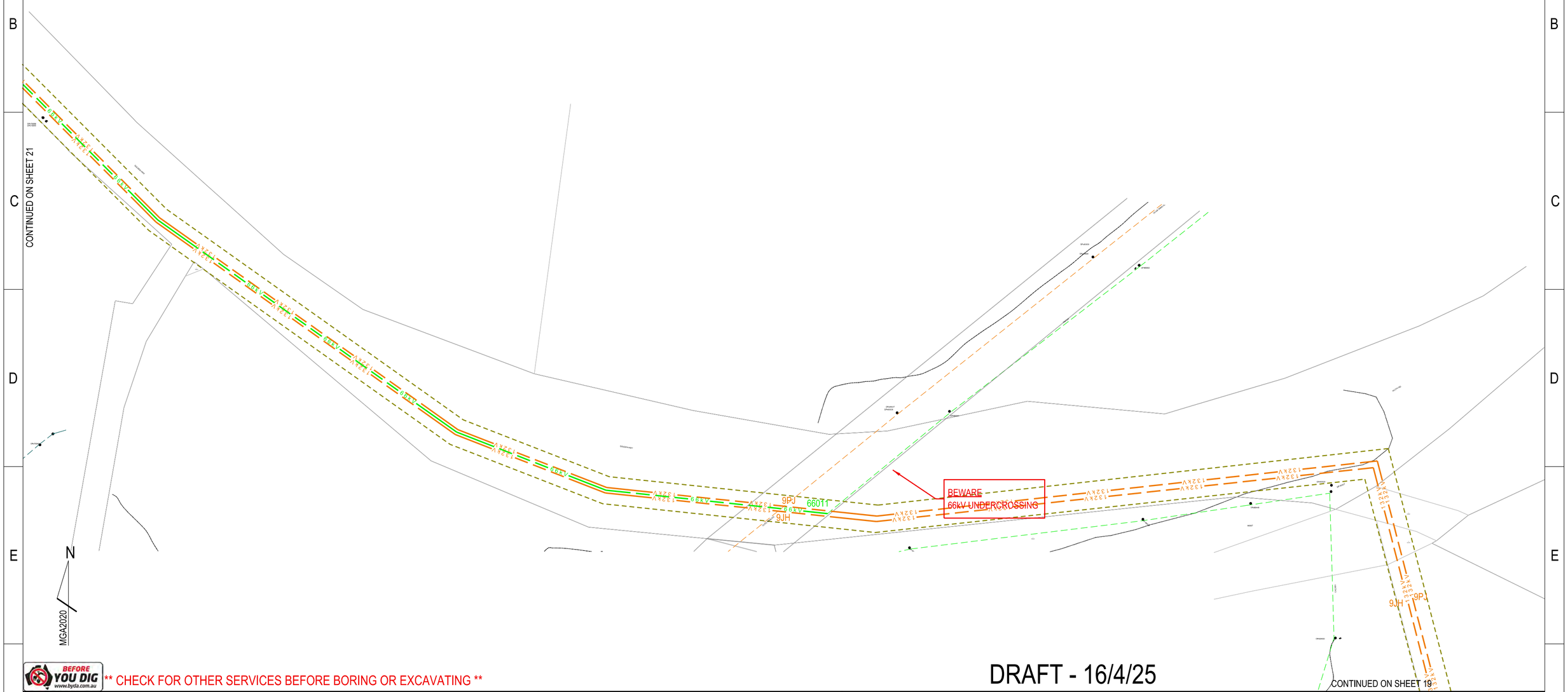
20110909

265265-19.dgn 4/16/2025 3:52:59 PM

LEGEND		
PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		66kV OH
		66kV OH REMOVE
		EASEMENT
		ACCESS TRACK



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AMENDMENTS

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WALLSEND NSW 2287

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MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
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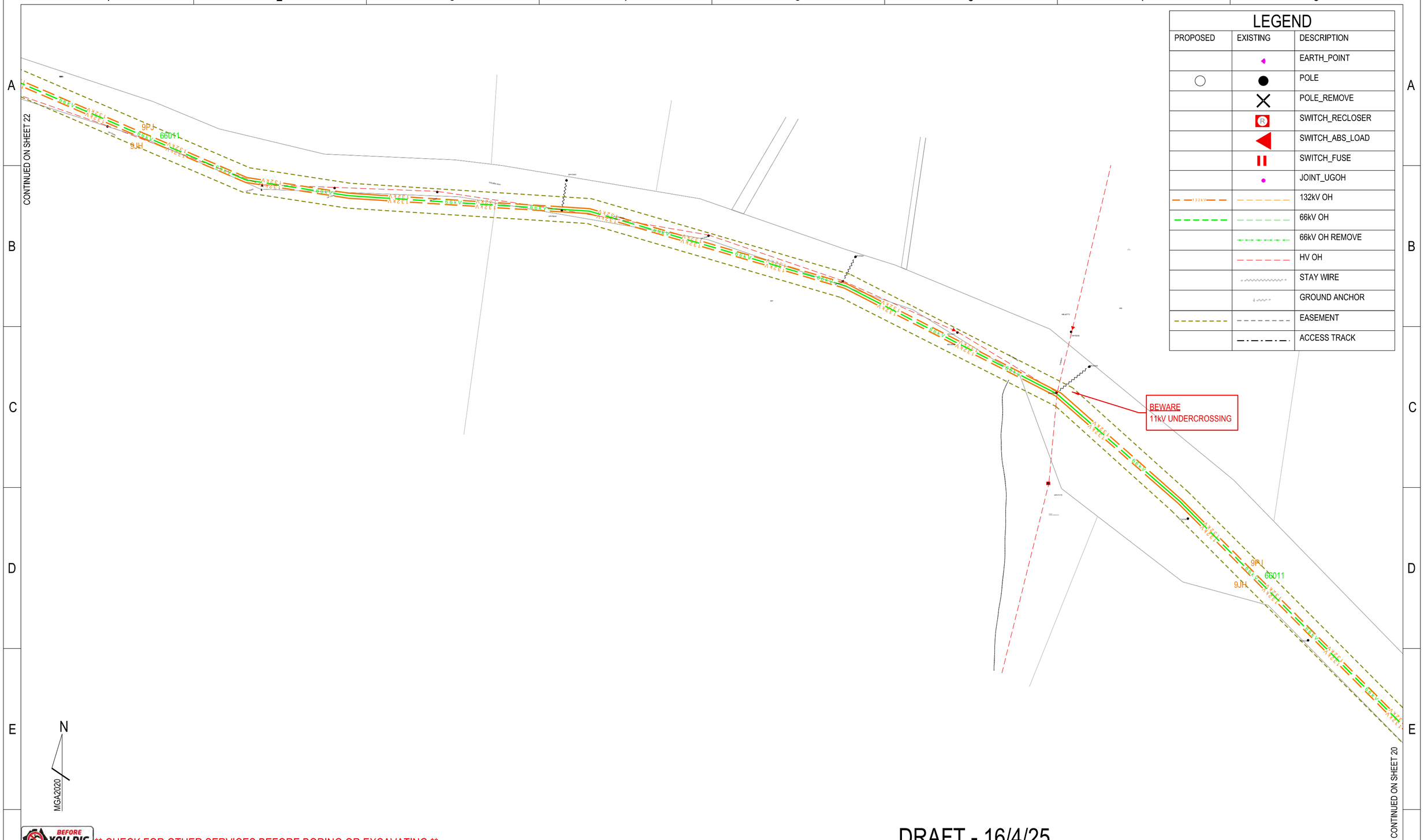

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SWITCH_RECLOSER
		SWITCH_ABS_LOAD
		SWITCH_FUSE
		JOINT_UGOH
		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK

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PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
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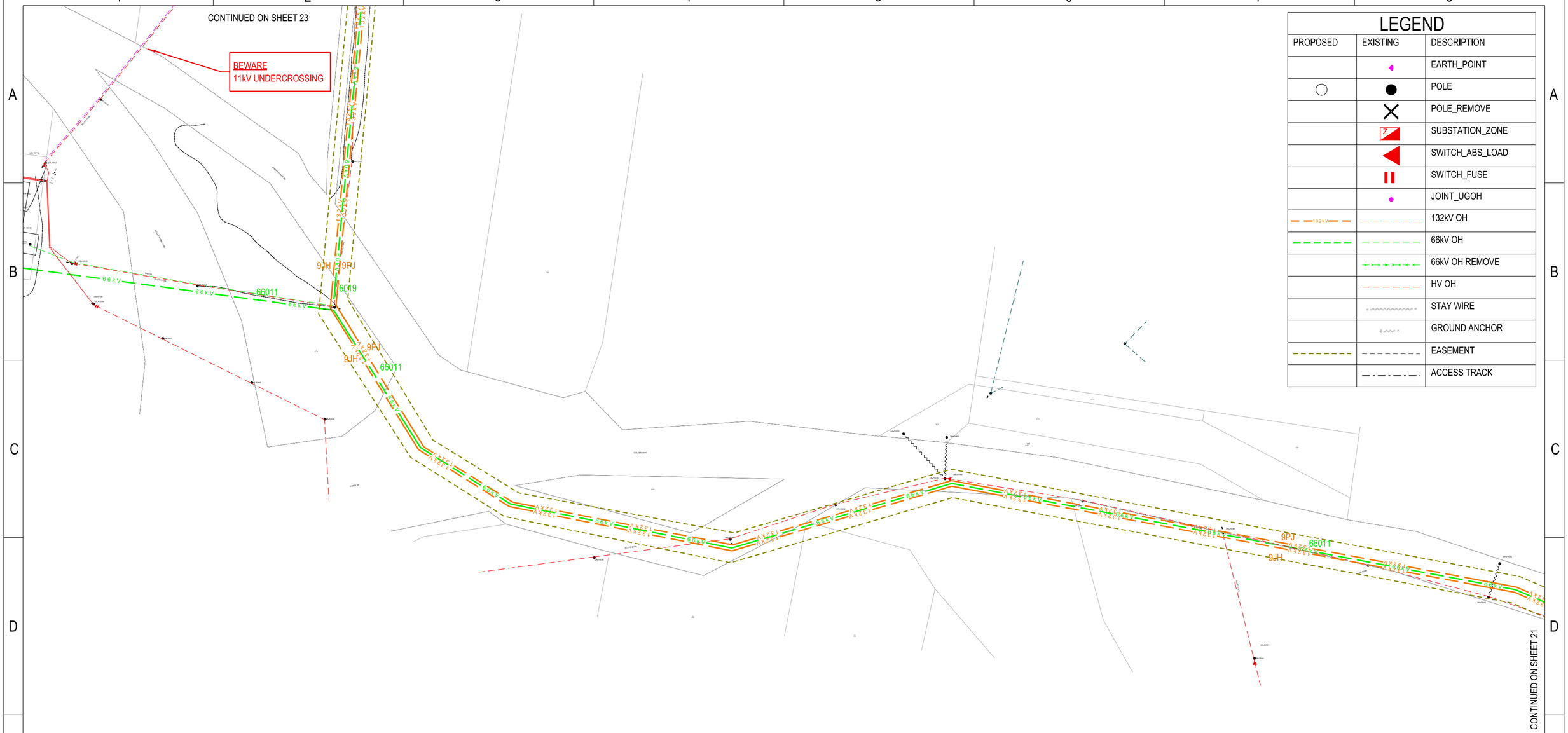

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_ZONE
		SWITCH_ABS_LOAD
		SWITCH_FUSE
		JOINT_UGOH
		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK

N

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DATE	
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LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
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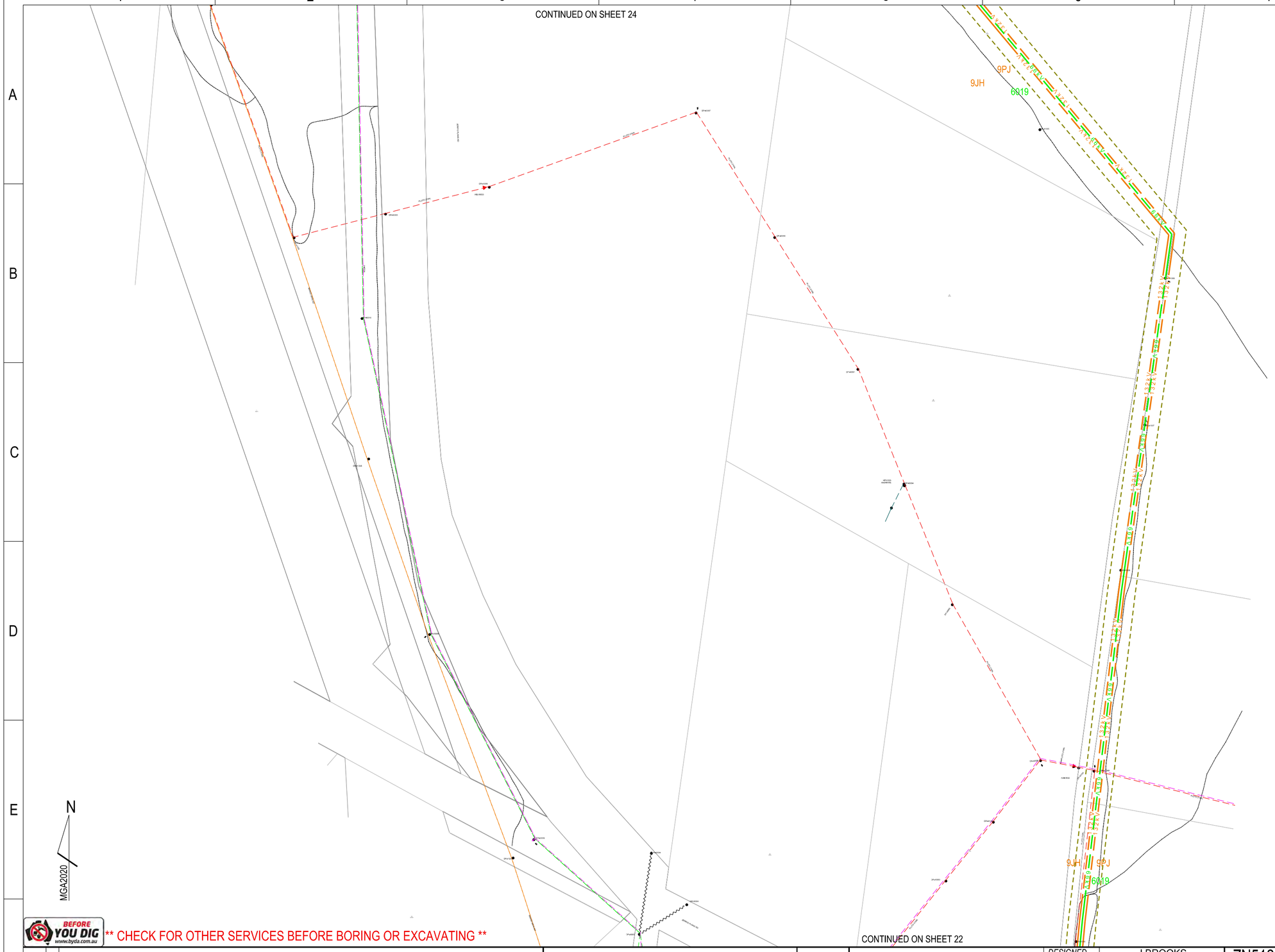

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LEGEND

PROPOSED	EXISTING	DESCRIPTION
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		POLE
		POLE_REMOVE
		SUBSTATION_POLE
		SWITCH_ABS_LOAD
		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK

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AMENDMENTS

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ASSOCIATED DRAWINGS

Ausgrid
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WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
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AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265265	23 of 34	0

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CONTINUED ON SHEET 25

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		EASEMENT
		ACCESS TRACK

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CONTINUED ON SHEET 23

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CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
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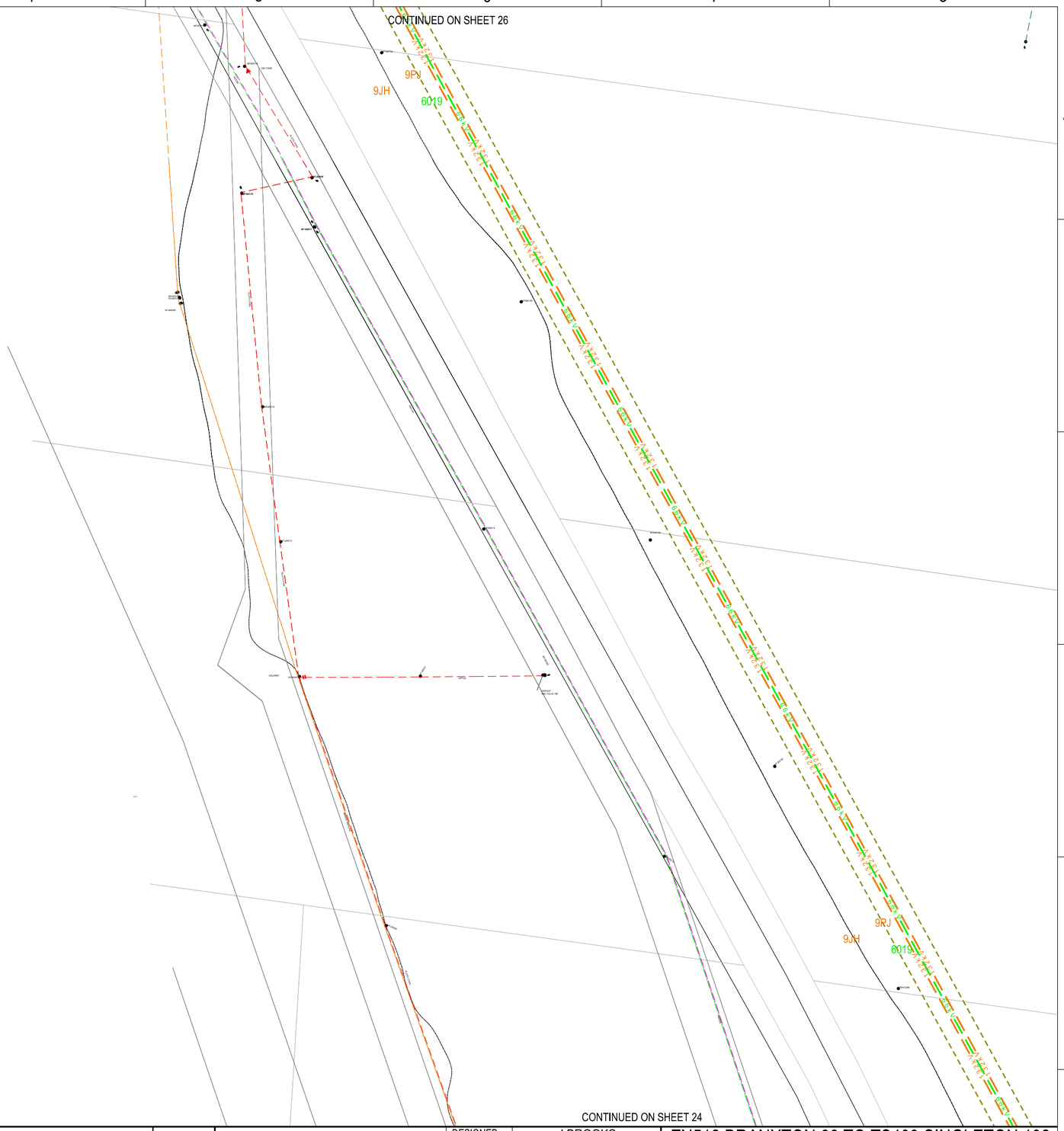

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
		SWITCH_ABS_LOAD
		SWITCH_FUSE
		JOINT_UGOH
132kV		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK

N

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CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

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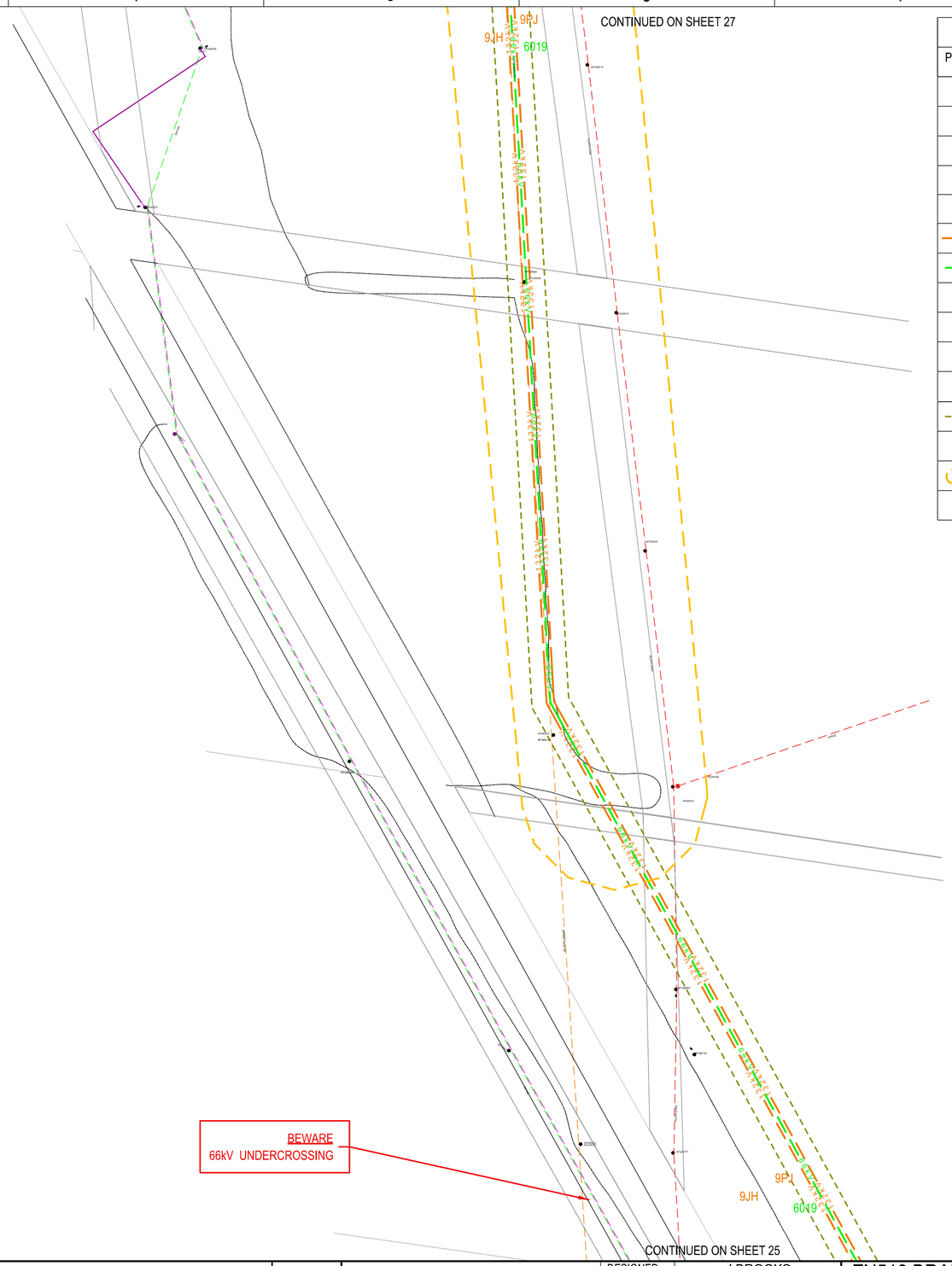

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SWITCH_FUSE
		JOINT_UGOH
		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		AUXILIARY OH
		AUXILIARY UG
		EASEMENT
		ACCESS TRACK
		ACHA AREA
		ACHA POLE INVESTIGATION

N

MGA2020

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265265	26 of 34	0

20110909

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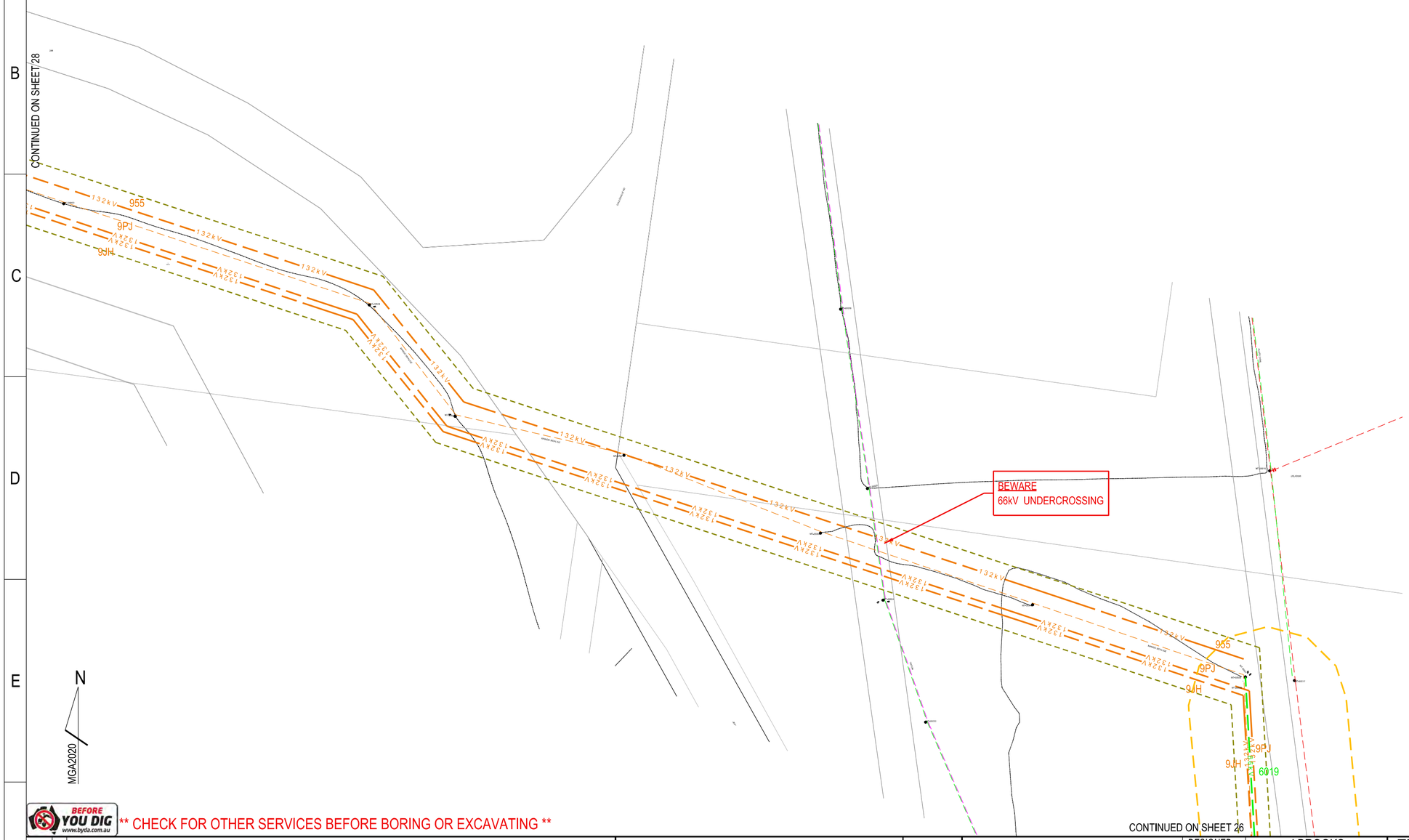
LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		66kV OH
		66kV OH REMOVE
		HV OH
		AUXILIARY OH
		EASEMENT
		ACCESS TRACK
		ACHA AREA
		ACHA POLE INVESTIGATION



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AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
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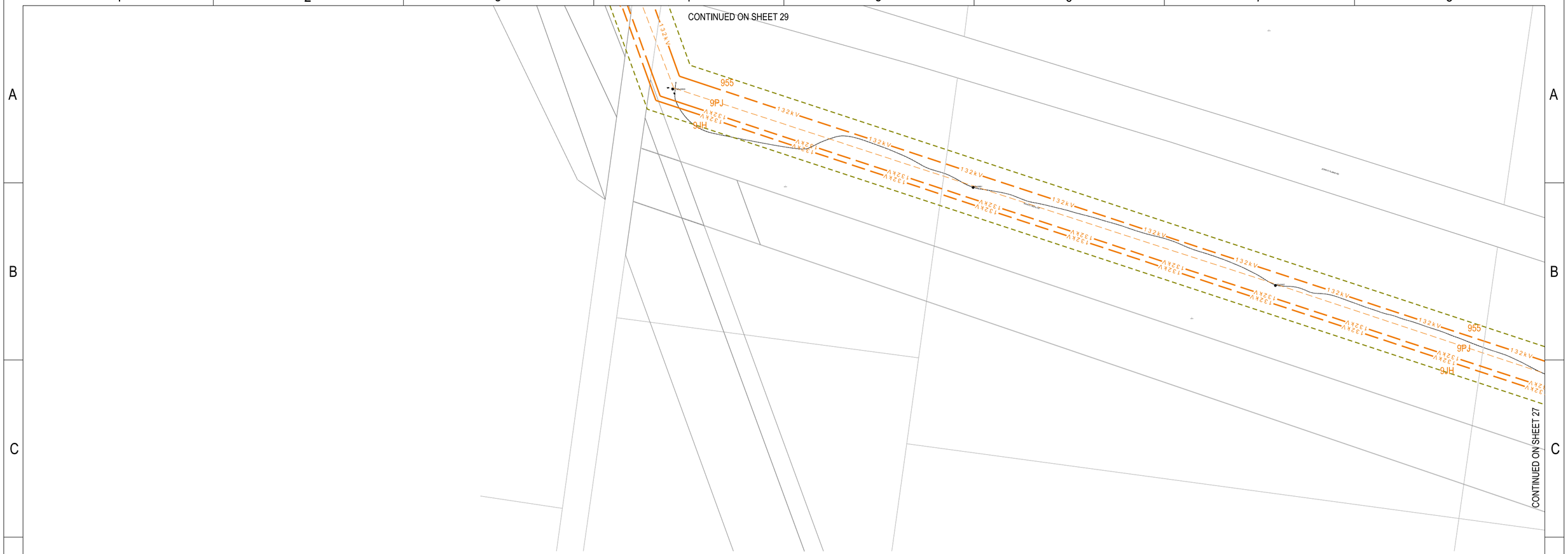

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		132kV OH REMOVE
		EASEMENT
		ACCESS TRACK

N

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

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145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE A2 | DRAWING No 265265 | SHEETS 28 of 34 | AMD. 0

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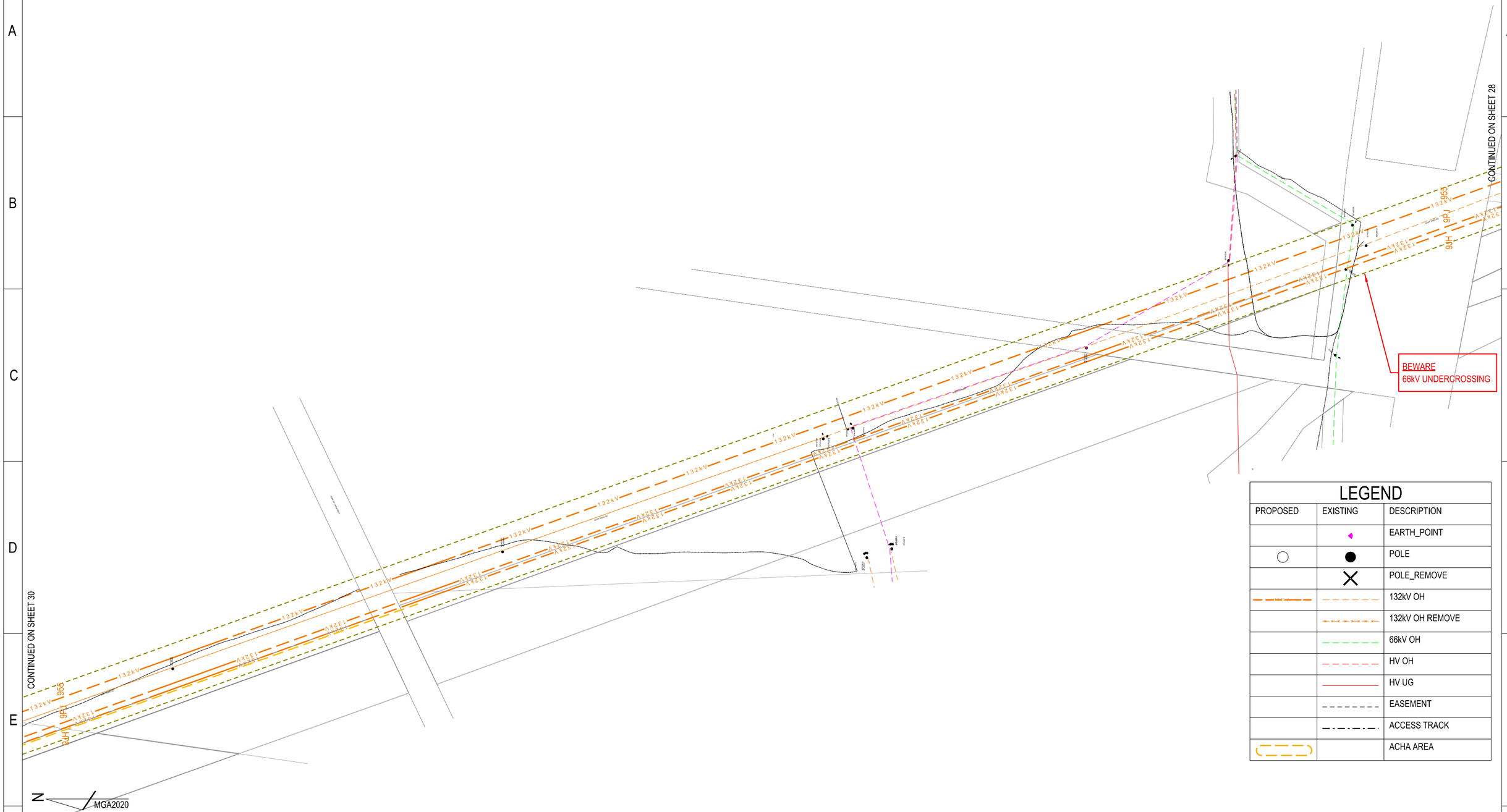

LEGEND		
PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		132kV OH REMOVE
		66kV OH
		HV OH
		HV UG
		EASEMENT
		ACCESS TRACK
		ACHA AREA

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AMENDMENTS

ASSOCIATED DRAWINGS	
CONDUCTOR STRINGING TABLES	265266

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
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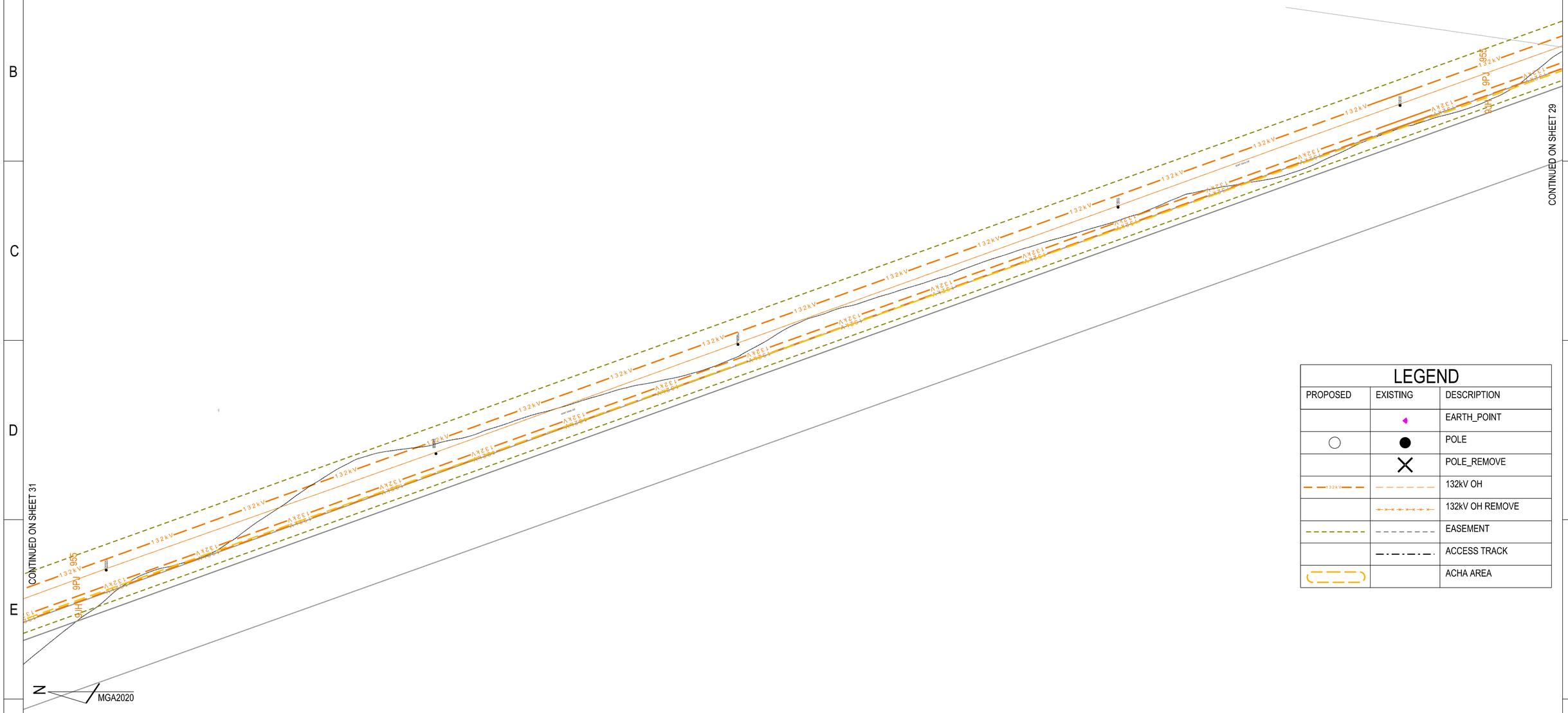

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		132kV OH REMOVE
		EASEMENT
		ACCESS TRACK
		ACHA AREA

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265265	30 of 34	0

20110909

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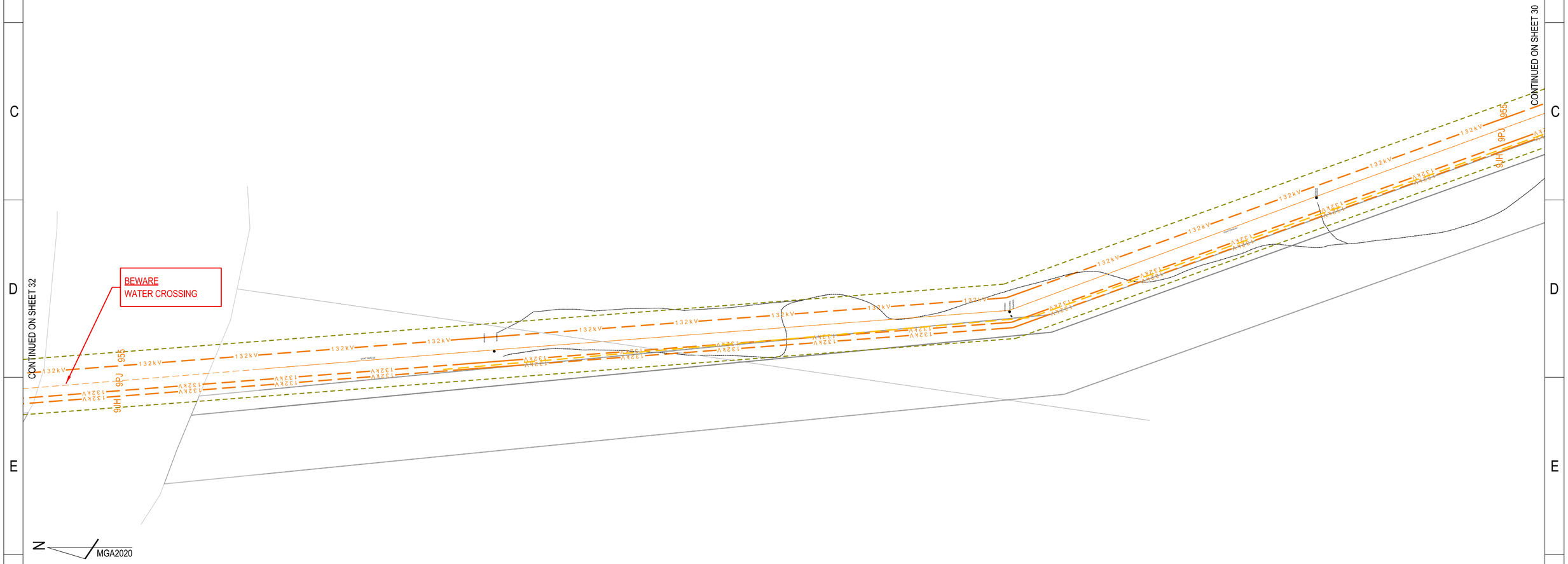
LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		132kV OH REMOVE
		EASEMENT
		ACCESS TRACK
		ACHA AREA



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CAD DRAWING
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AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
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20110909

265265-31.dgn 4/17/2025 8:26:36 AM

LEGEND		
PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
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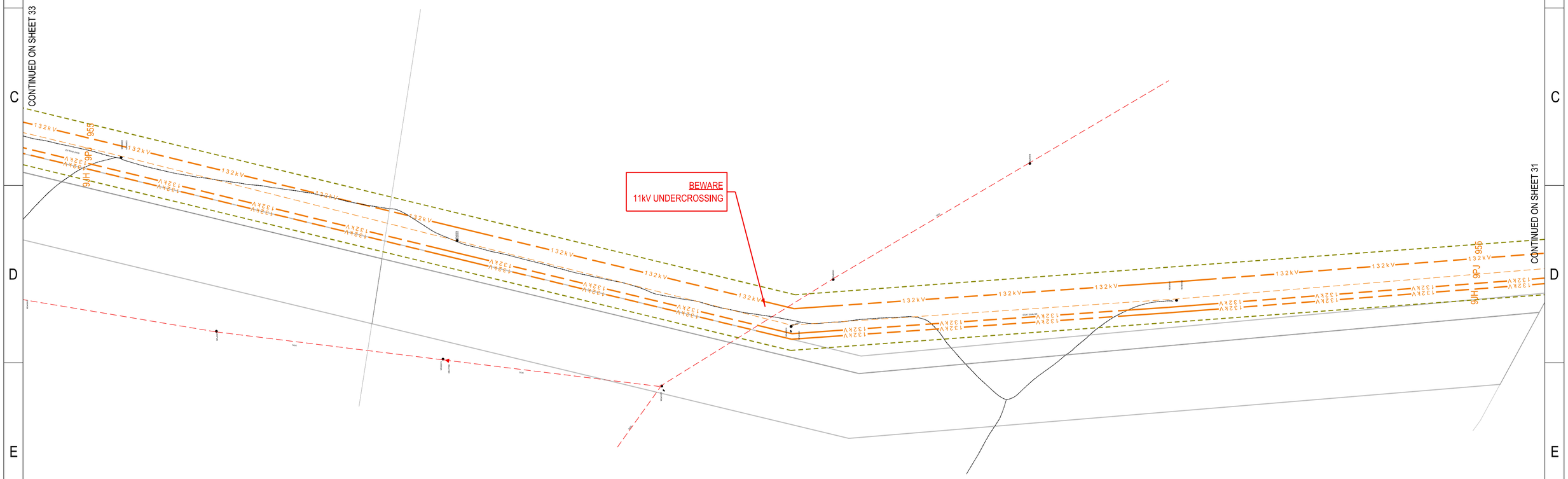
		POLE_REMOVE
		132kV OH
		132kV OH REMOVE
		HV OH
		EASEMENT
		ACCESS TRACK



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CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265265	32 of 34	0

20110909

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LEGEND		
PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
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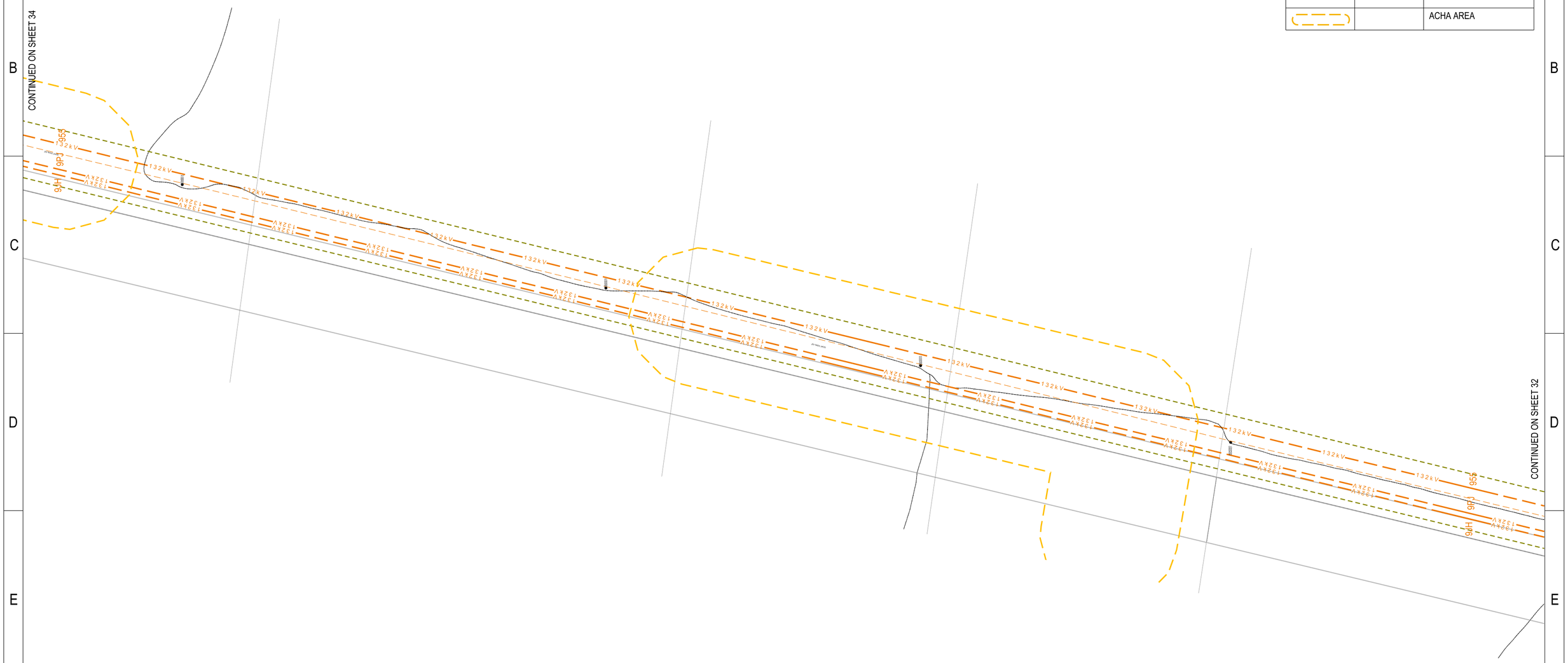
		POLE_REMOVE
		132kV OH
		132kV OH REMOVE
		EASEMENT
		ACCESS TRACK
		ACHA AREA



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CAD DRAWING
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AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

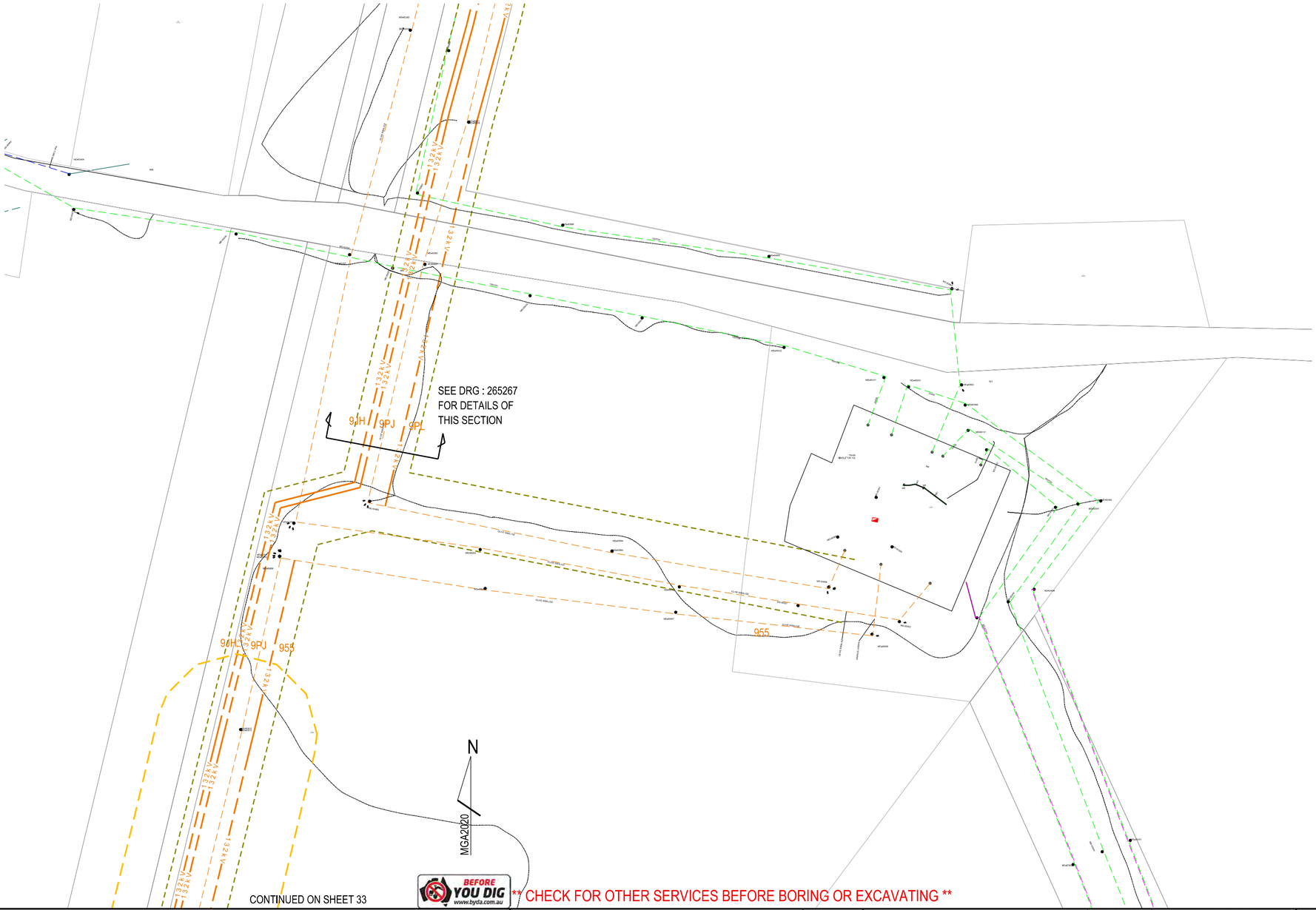
SIZE	DRAWING No	SHEETS	AMD.
A2	265265	33 of 34	0

20110909

265265-33.dgn 4/17/2025 8:25:16 AM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_TRANSMISSION
		132kV OH
		132kV OH REMOVE
		66kV OH
		EASEMENT
		ACCESS TRACK
		ACHA AREA



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AMENDMENTS

CONDUCTOR STRINGING TABLES	265266

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	FQ52-MD61
LGA	CESSNOCK/SINGLETON
PROJECT No.	SJ-00291
PROJTRAK No.	-

ZN512 BRANXTON 66 TO TS409 SINGLETON 132
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
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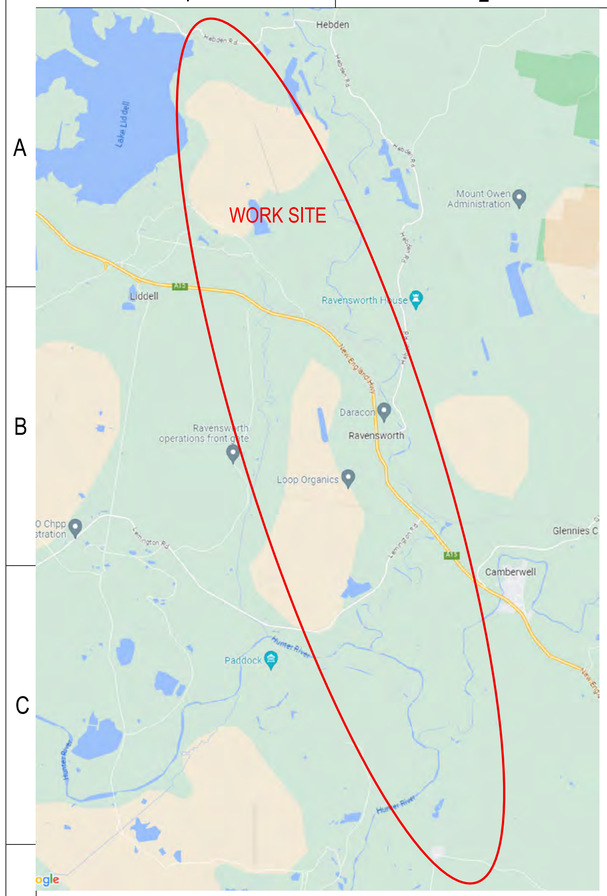
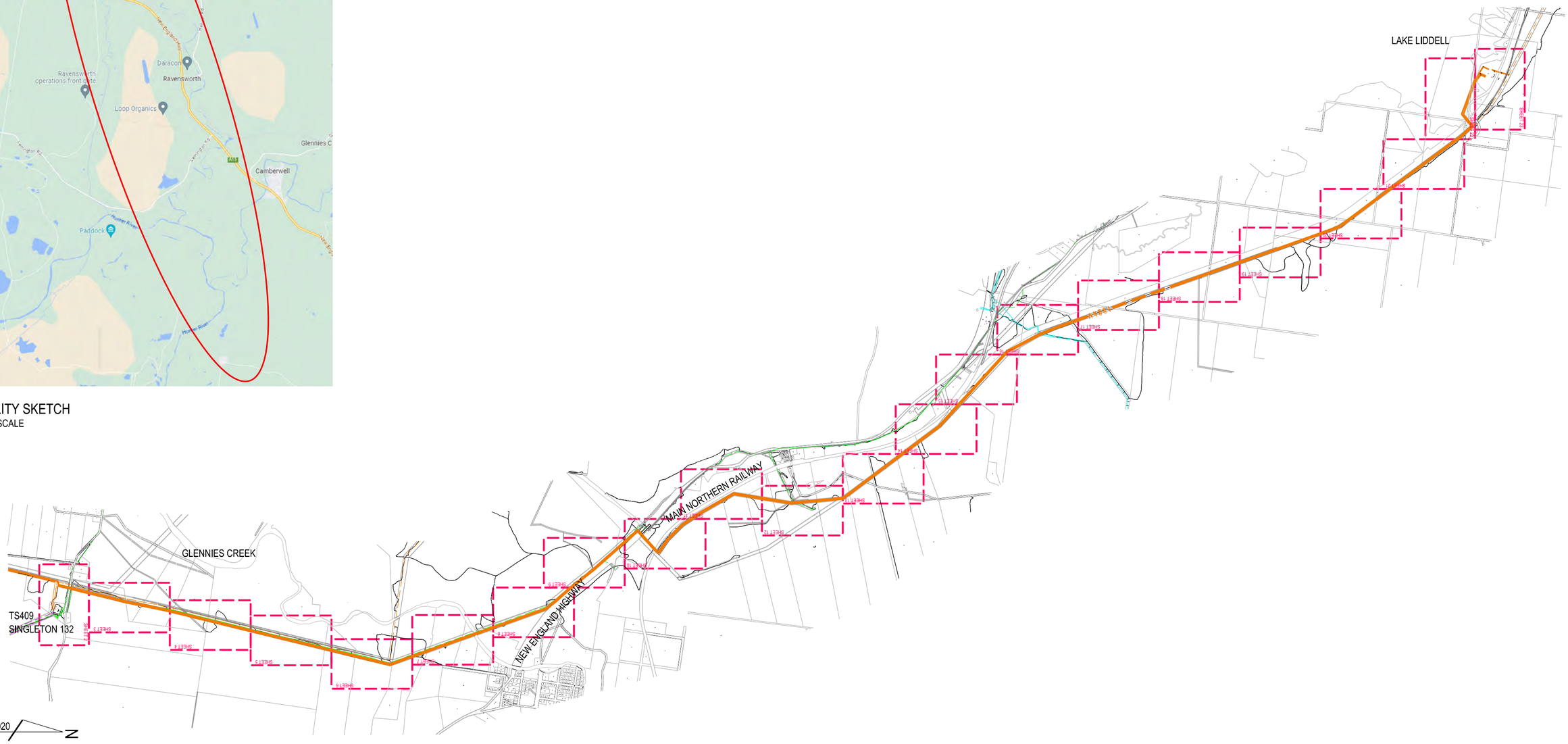


LOCALITY SKETCH
NOT TO SCALE



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CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265268

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	MD61-CL71
LGA	SINGLETON/MUSWELLBROOK
PROJECT No.	SJ-00291
PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
LOCALITY & KEY PLAN

SIZE	DRAWING No	SHEETS	AMD.
A2	265267	1 of 23	0

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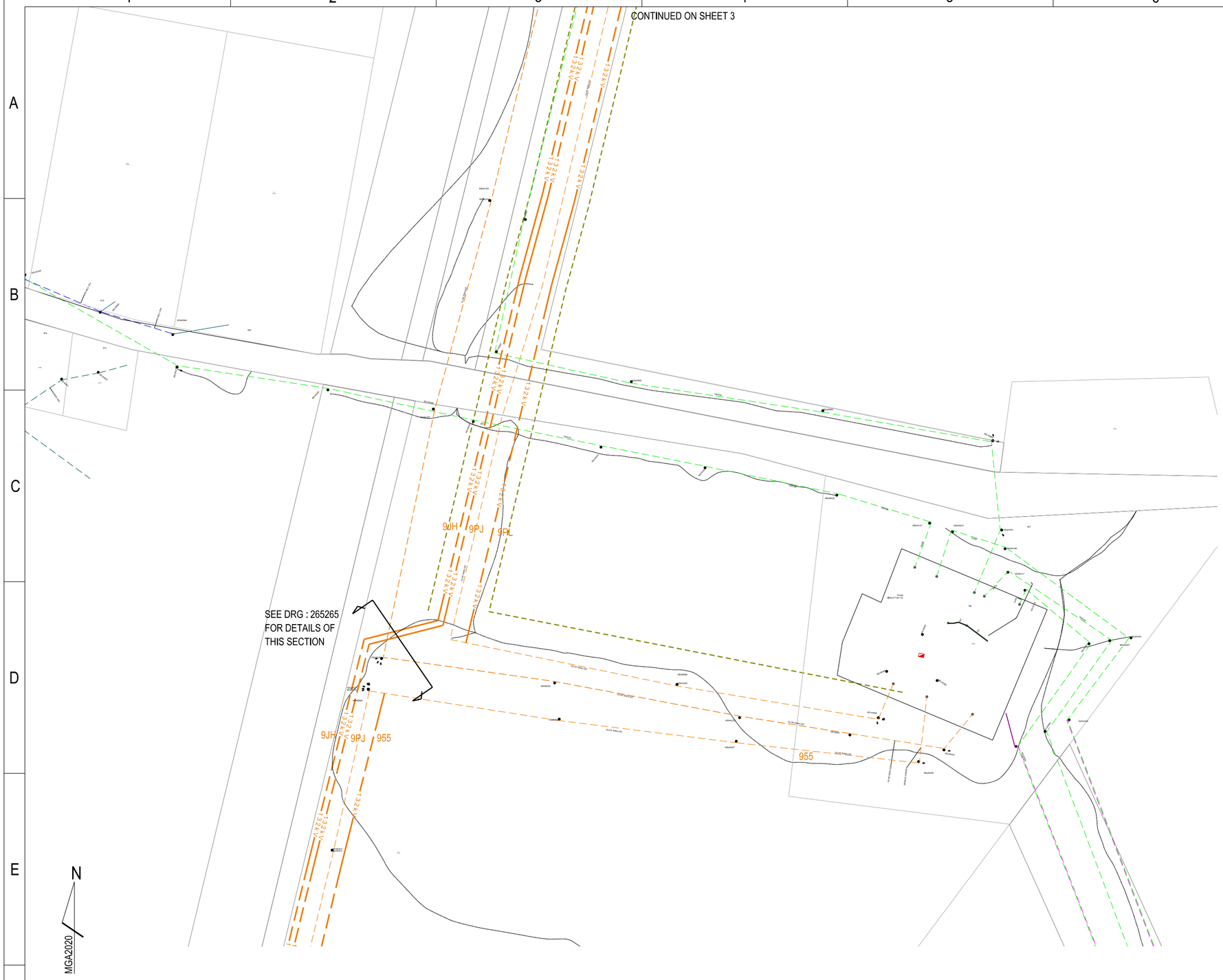

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_TRANSMISSION
		SUPPLY_POINT
		132kV OH
		132kV REMOVE
		AUXILIARY OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK

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CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265268

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	MD61-CL71
LGA	SINGLETON/MUSWELLBROOK
PROJECT No.	SJ-00291
PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

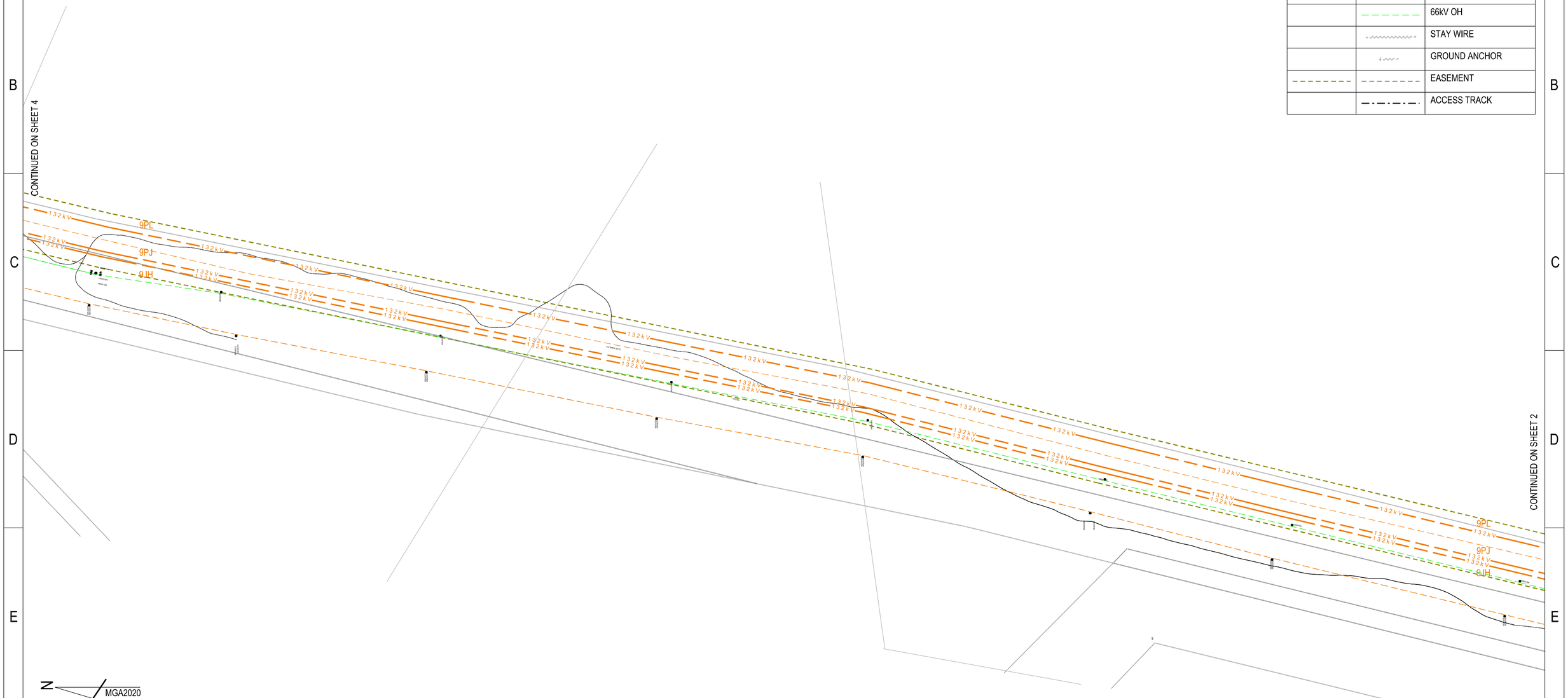
SIZE A2 | DRAWING No 265267 | SHEETS 2 of 23 | AMD. 0

20110909

265267-2.dgn 4/16/2025 4:05:16 PM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		132kV REMOVE
		AUXILIARY OH
		66kV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK



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AMENDMENTS

CONDUCTOR STRINGING TABLES	265268

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	MD61-CL71
LGA	SINGLETON/MUSWELLBROOK
PROJECT No.	SJ-00291
PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265267	3 of 23	0

20110909

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LEGEND		
PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		132kV REMOVE
		AUXILIARY OH
		66kV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK

CONTINUED ON SHEET 5

CONTINUED ON SHEET 3

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AMENDMENTS

ASSOCIATED DRAWINGS	
CONDUCTOR STRINGING TABLES	265268

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	MD61-CL71
LGA	SINGLETON/MUSWELLBROOK
PROJECT No.	SJ-00291
PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265267	4 of 23	0

20110909

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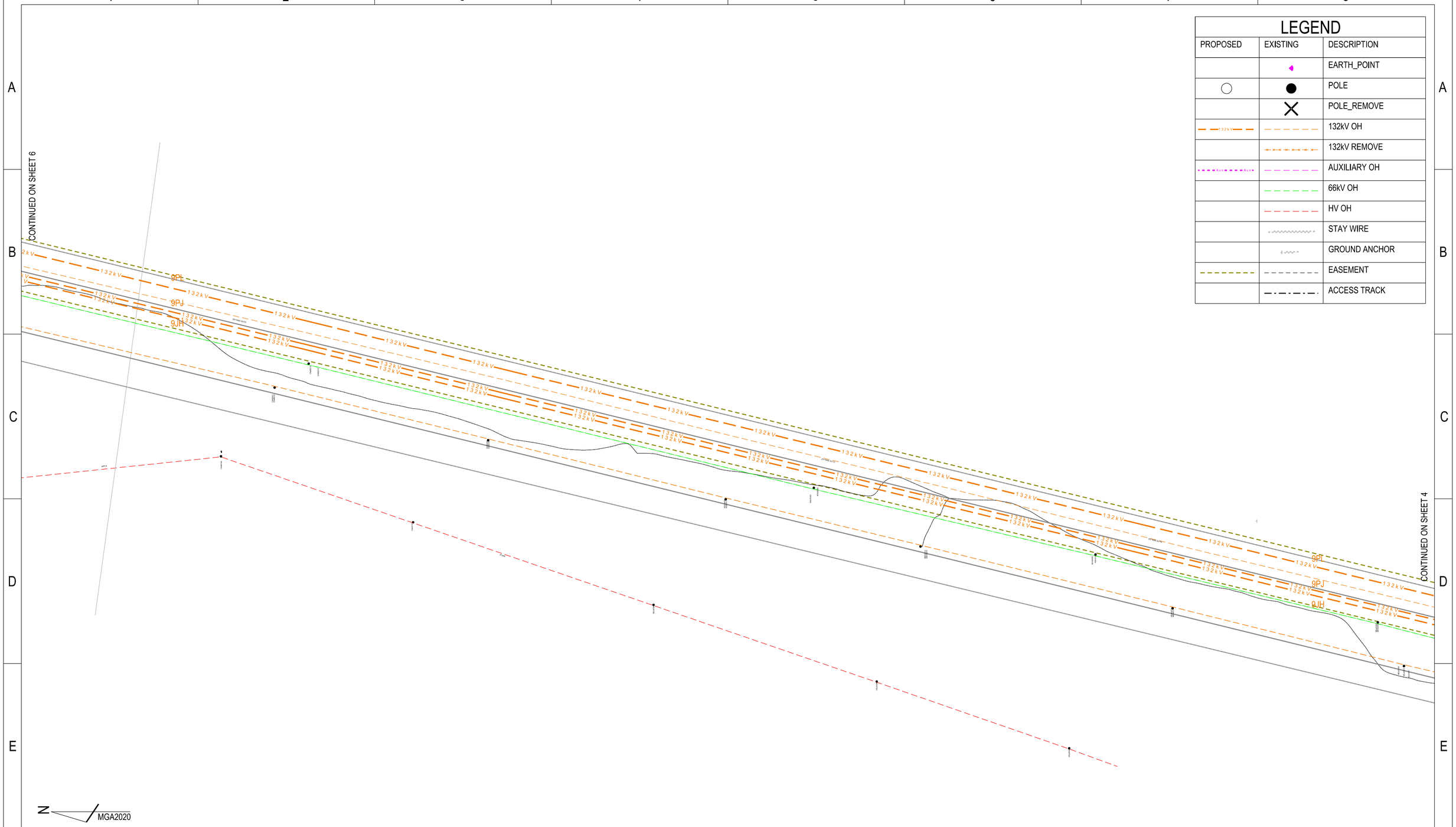

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		132kV REMOVE
		AUXILIARY OH
		66kV OH
		HV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265268

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	MD61-CL71
LGA	SINGLETON/MUSWELLBROOK
PROJECT No.	SJ-00291
PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

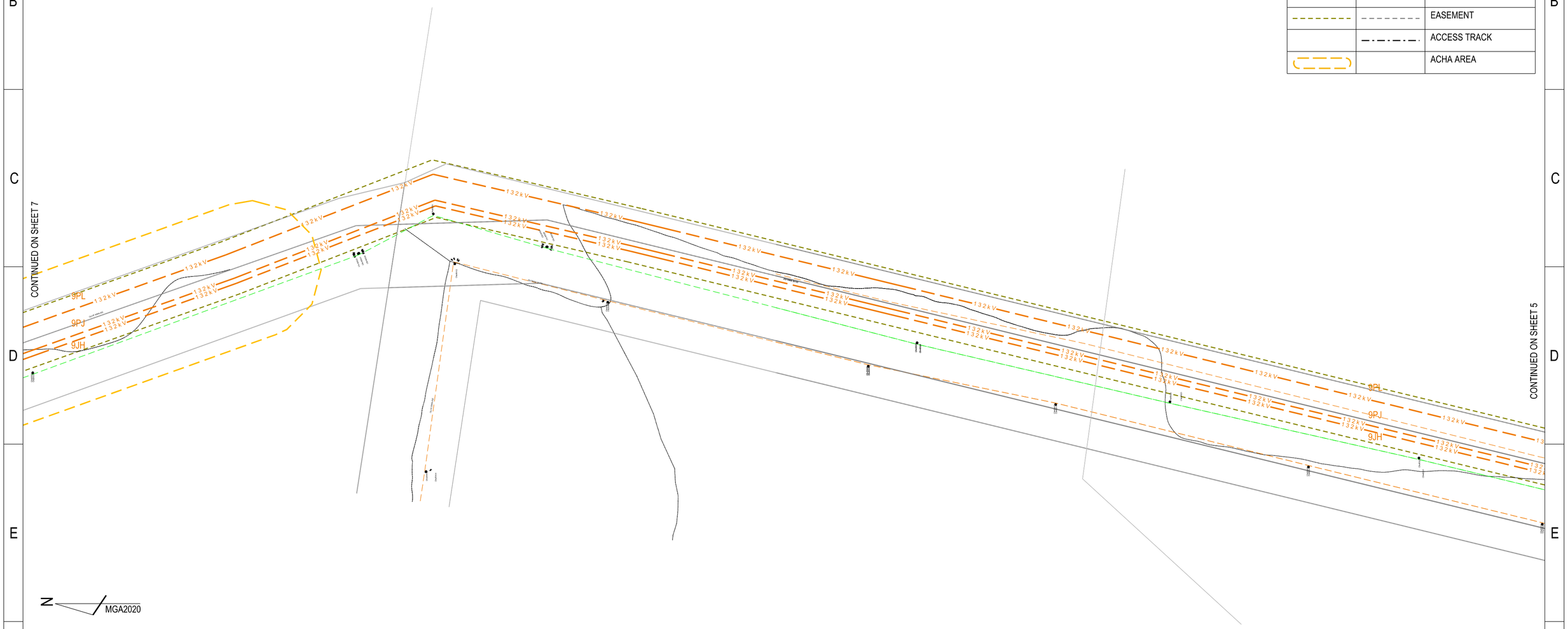
SIZE	DRAWING No	SHEETS	AMD.
A2	265267	5 of 23	0

20110909

265267-5.dgn 4/16/2025 4:06:36 PM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		132kV REMOVE
		AUXILIARY OH
		66kV OH
		HV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK
		ACHA AREA



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AMENDMENTS

CONDUCTOR STRINGING TABLES	265268

ASSOCIATED DRAWINGS

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145 NEWCASTLE ROAD
WALLSEND NSW 2287

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DATE	
SCALE	N.T.S
MAP REF.	MD61-CL71
LGA	SINGLETON/MUSWELLBROOK
PROJECT No.	SJ-00291
PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

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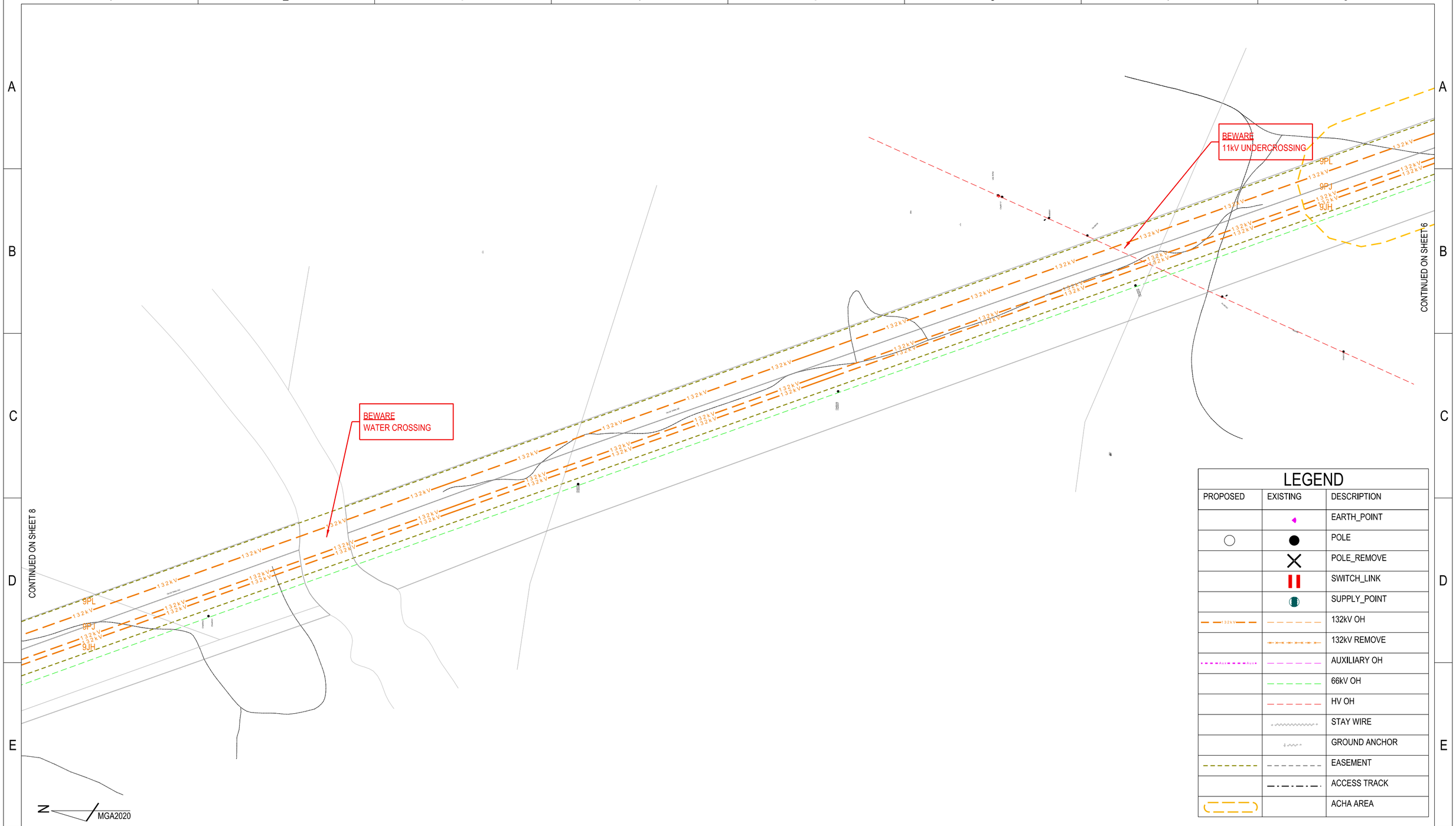

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SWITCH_LINK
		SUPPLY_POINT
132kV		132kV OH
		132kV REMOVE
AUX AUX		AUXILIARY OH
		66kV OH
		HV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK
		ACHA AREA

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265268

ASSOCIATED DRAWINGS

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145 NEWCASTLE ROAD
WALLSEND NSW 2287

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DATE	
SCALE	N.T.S
MAP REF.	MD61-CL71
LGA	SINGLETON/MUSWELLBROOK
PROJECT No.	SJ-00291
PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
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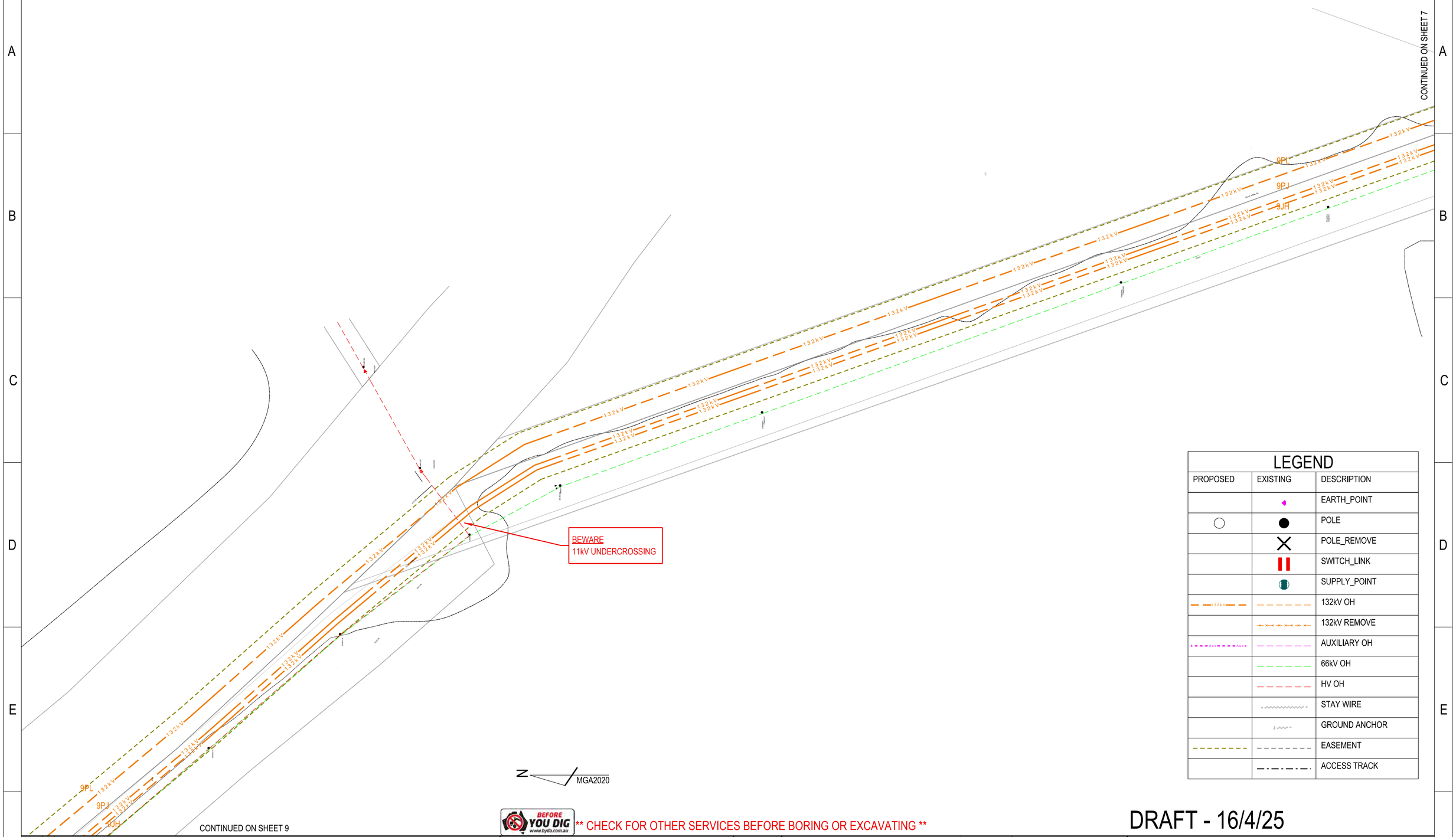

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SWITCH_LINK
		SUPPLY_POINT
		132kV OH
		132kV REMOVE
		AUXILIARY OH
		66kV OH
		HV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK

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LGA	SINGLETON/MUSWELLBROOK
PROJECT No.	SJ-00291
PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

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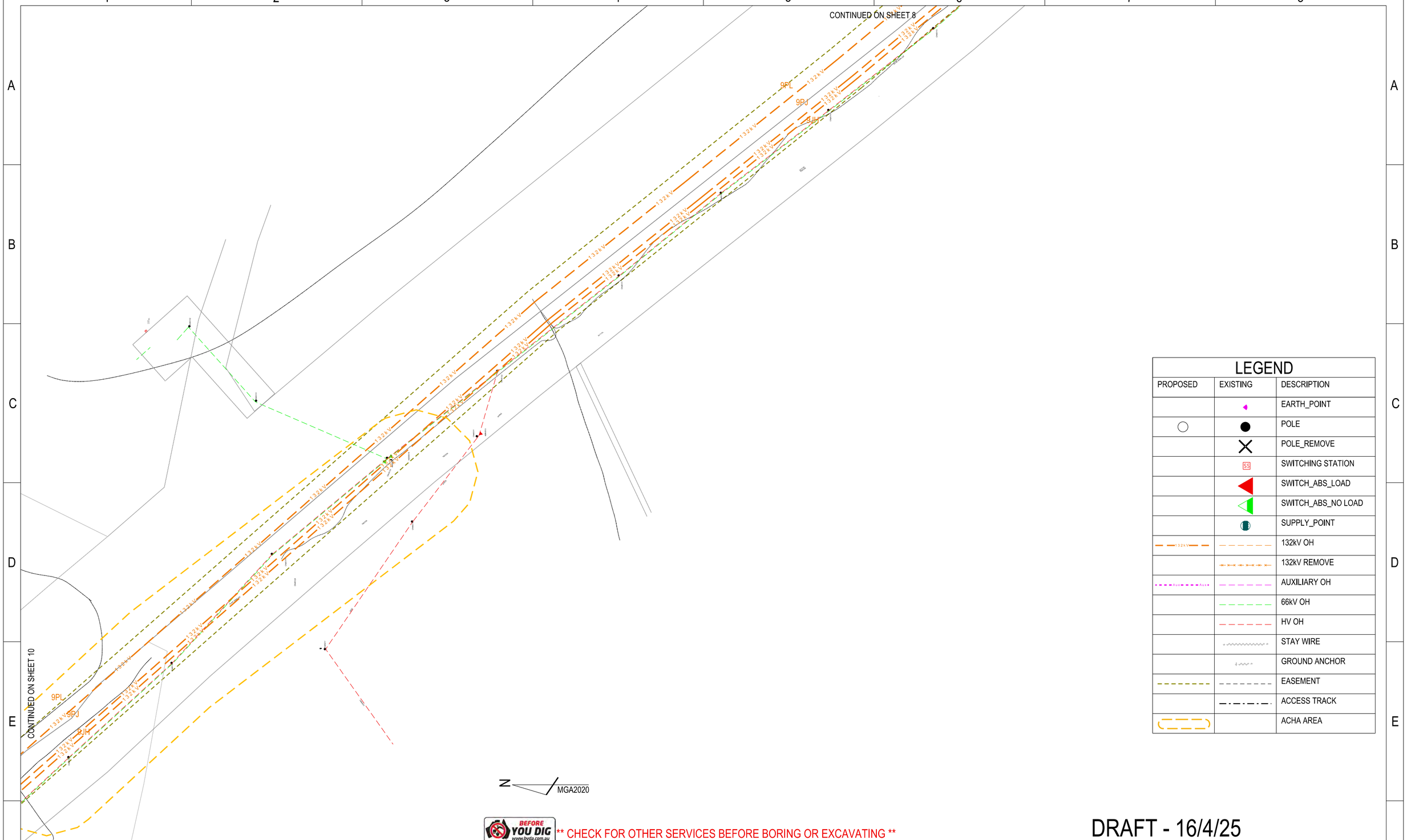

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
	SS	SWITCHING STATION
		SWITCH_ABS_LOAD
		SWITCH_ABS_NO LOAD
		SUPPLY_POINT
132kV		132kV OH
		132kV REMOVE
Aux		AUXILIARY OH
		66kV OH
		HV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK
		ACHA AREA

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WALLSEND NSW 2287

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LGA	SINGLETON/MUSWELLBROOK
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PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

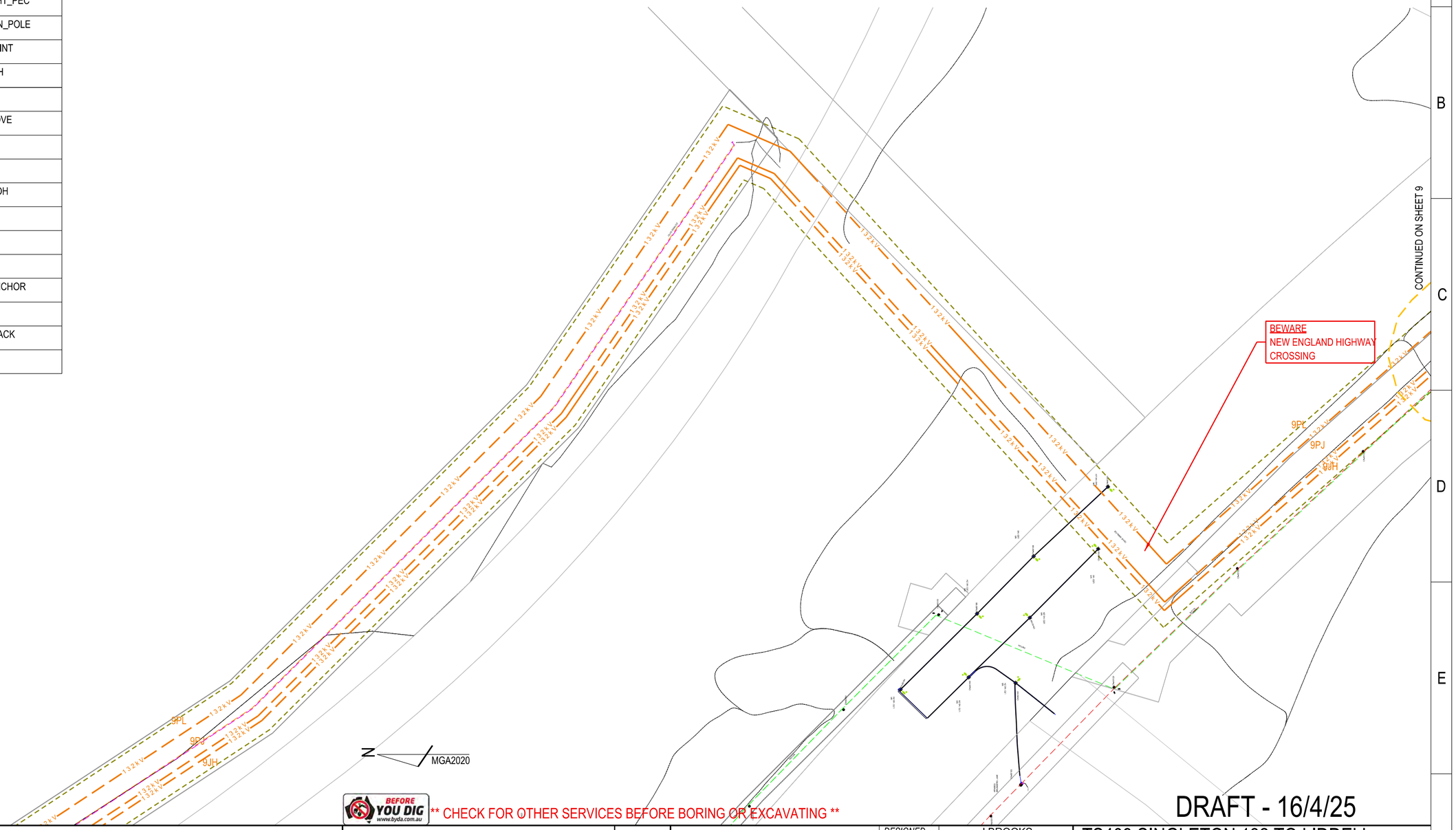
SIZE	DRAWING No	SHEETS	AMD.
A2	265267	9 of 23	0

20110909

265267-9.dgn 4/17/2025 8:30:18 AM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		STREETLIGHT_STAND
		STREETLIGHT_PEC
		SUBSTATION_POLE
		SUPPLY_POINT
		JOINT_UGOH
132kV		132kV OH
		132kV REMOVE
		66kV OH
		HV OH
		AUXILIARY OH
		LV UG
		DUCT
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK
		ACHA AREA



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AMENDMENTS

CONDUCTOR STRINGING TABLES	265268

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	MD61-CL71
LGA	SINGLETON/MUSWELLBROOK
PROJECT No.	SJ-00291
PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
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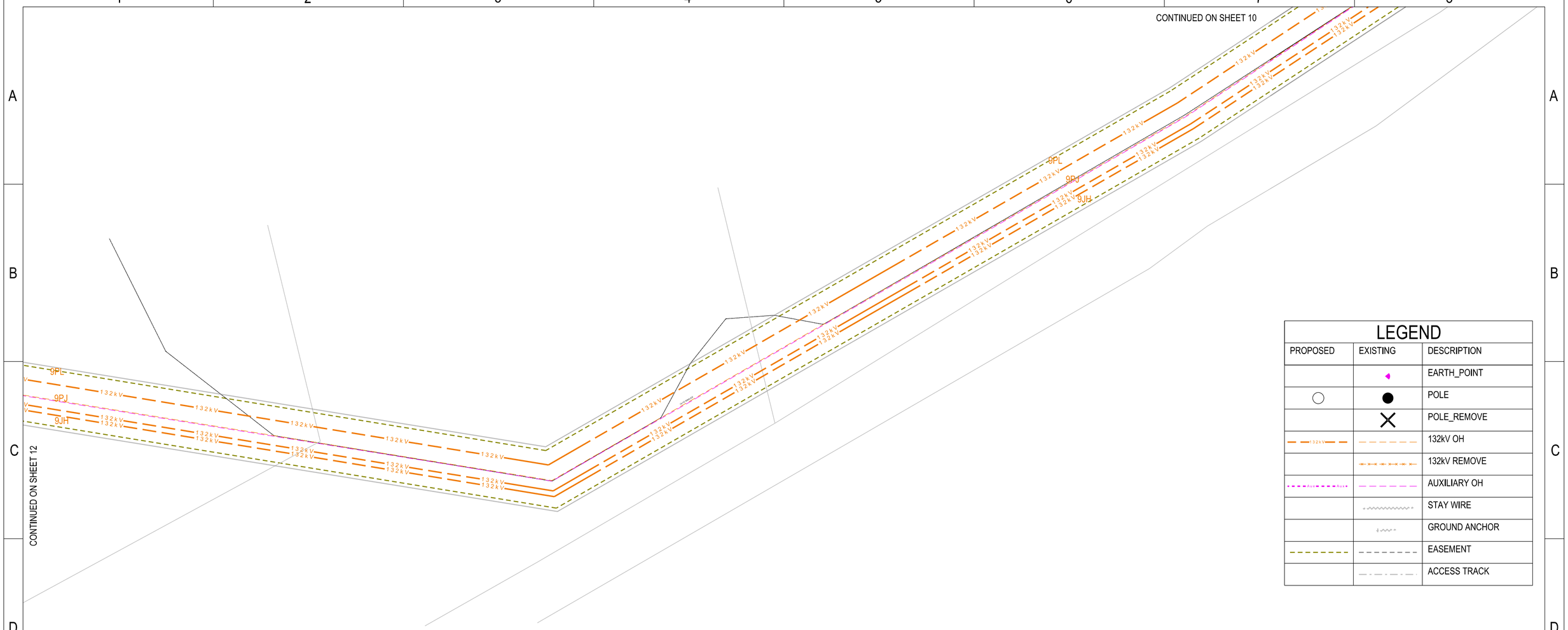

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		132kV REMOVE
		AUXILIARY OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265268

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

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SCALE	N.T.S
MAP REF.	MD61-CL71
LGA	SINGLETON/MUSWELLBROOK
PROJECT No.	SJ-00291
PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265267	11 of 23	0

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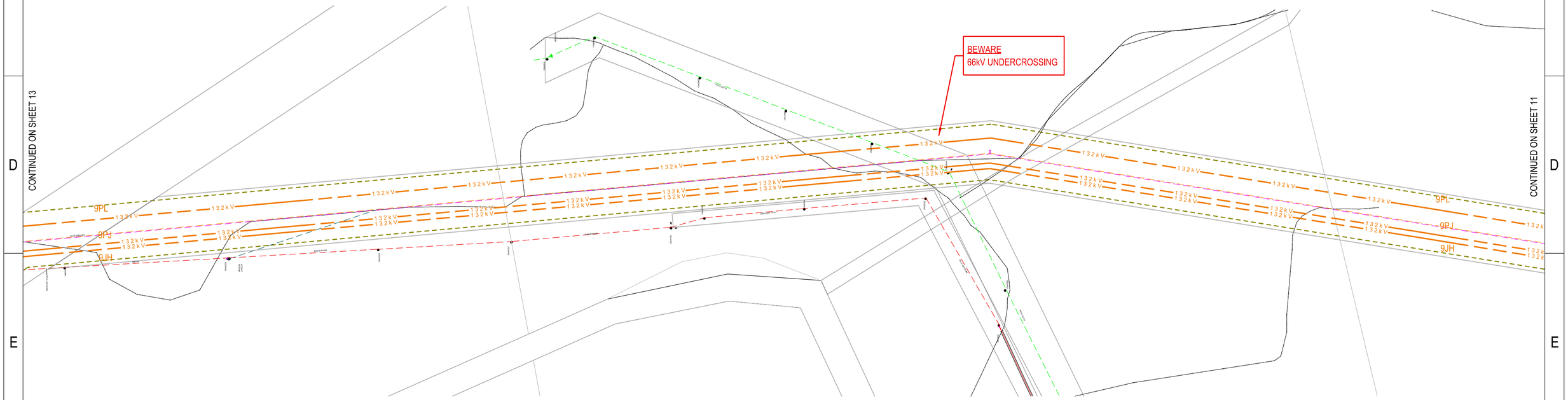
LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
		SWITCH_ABS_NO LOAD
		SUPPLY_POINT
		132kV OH
		132kV REMOVE
		AUXILIARY OH
		66kV OH
		HV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK

CONTINUED ON SHEET 13



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AMENDMENTS

CONDUCTOR STRINGING TABLES	265268

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	MD61-CL71
LGA	SINGLETON/MUSWELLBROOK
PROJECT No.	SJ-00291
PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265267	12 of 23	0

20110909

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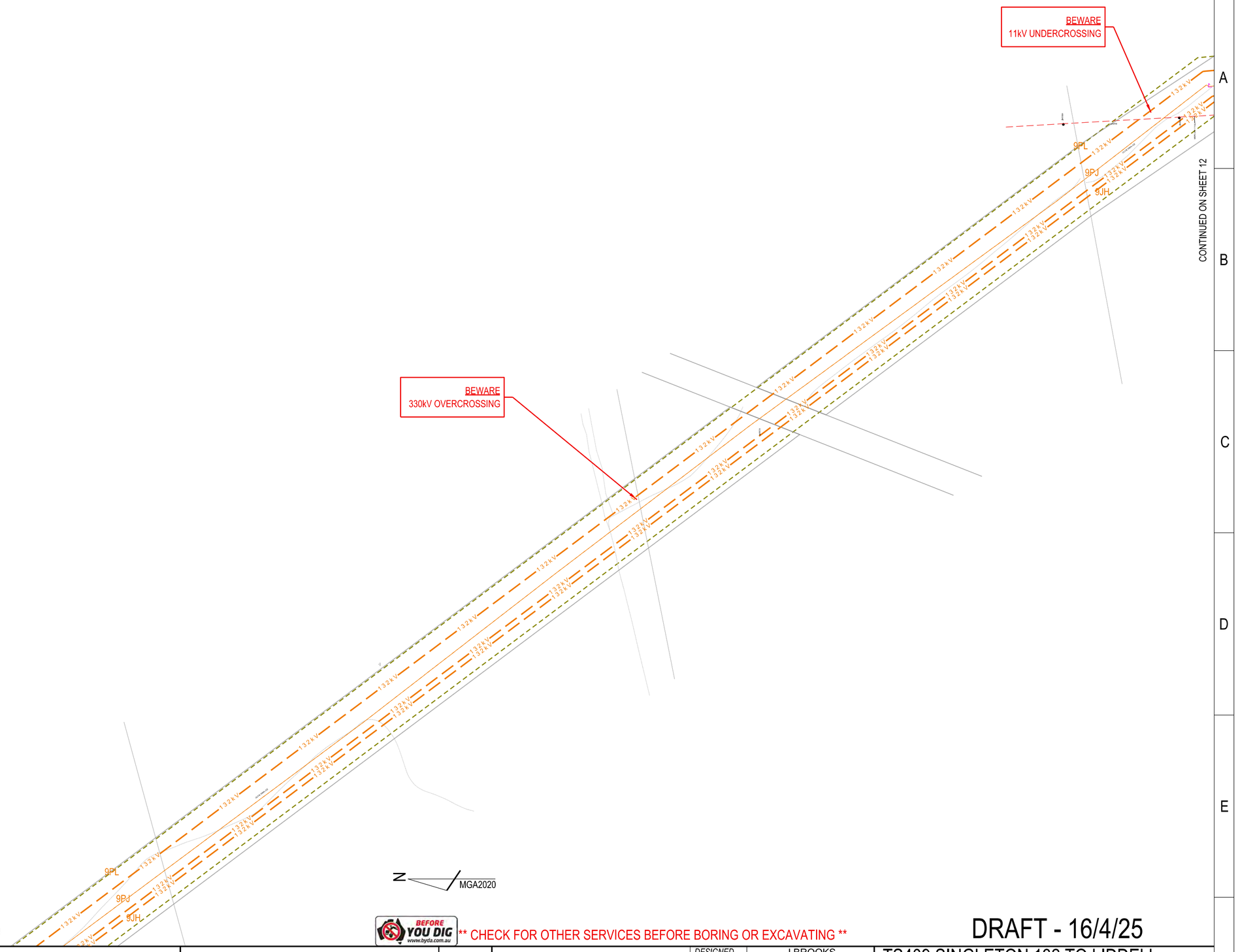
LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		330kV OH
132kV		132kV OH
		132kV REMOVE
AUX		AUXILIARY OH
		HV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK



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AMENDMENTS

CONDUCTOR STRINGING TABLES	265268

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	MD61-CL71
LGA	SINGLETON/MUSWELLBROOK
PROJECT No.	SJ-00291
PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

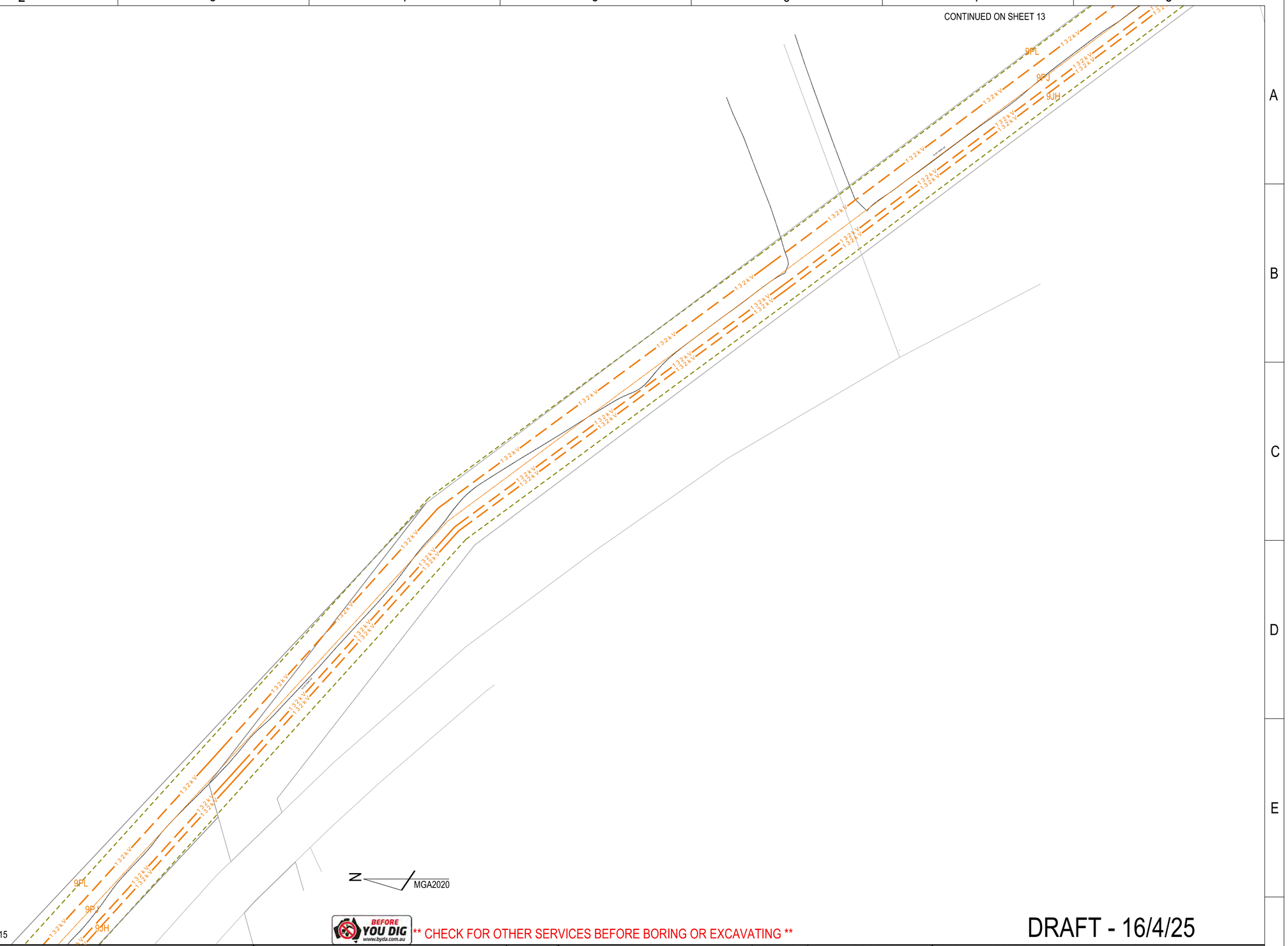
SIZE	DRAWING No	SHEETS	AMD.
A2	265267	13 of 23	0

20110909

265267-13.dgn 4/16/2025 4:10:11 PM

LEGEND		
PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
132kV		132kV OH
		132kV REMOVE
Aux		AUXILIARY OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK

CONTINUED ON SHEET 13



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AMENDMENTS

ASSOCIATED DRAWINGS	
CONDUCTOR STRINGING TABLES	265268

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	MD61-CL71
LGA	SINGLETON/MUSWELLBROOK
PROJECT No.	SJ-00291
PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265267	14 of 23	0

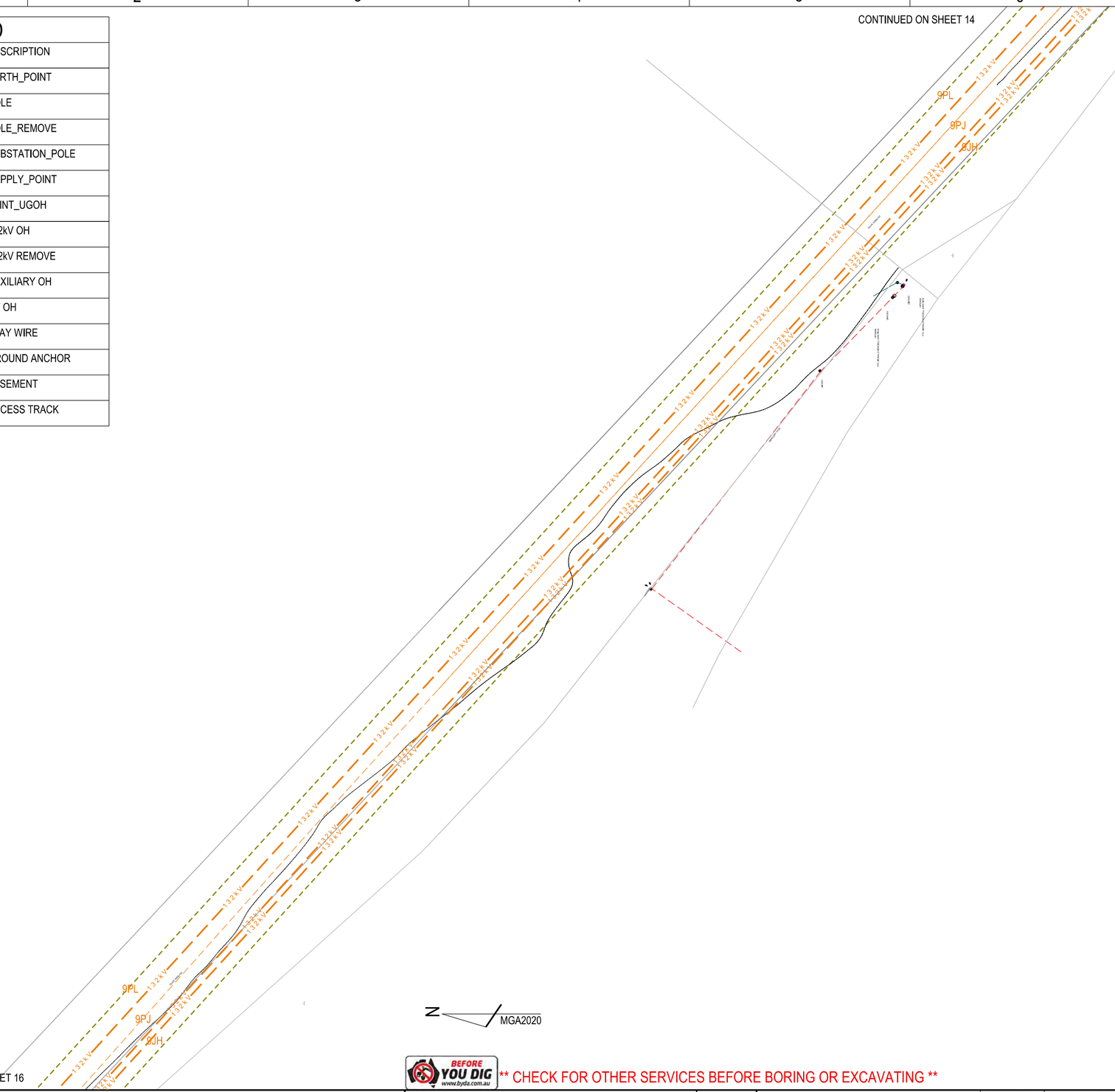
20110909

265267-14.dgn 4/16/2025 4:10:37 PM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION_POLE
		SUPPLY_POINT
		JOINT_UGOH
		132kV OH
		132kV REMOVE
		AUXILIARY OH
		HV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK

CONTINUED ON SHEET 14



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ASSOCIATED DRAWINGS

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145 NEWCASTLE ROAD
WALLSEND NSW 2287

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PROJECT No.	SJ-00291
PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

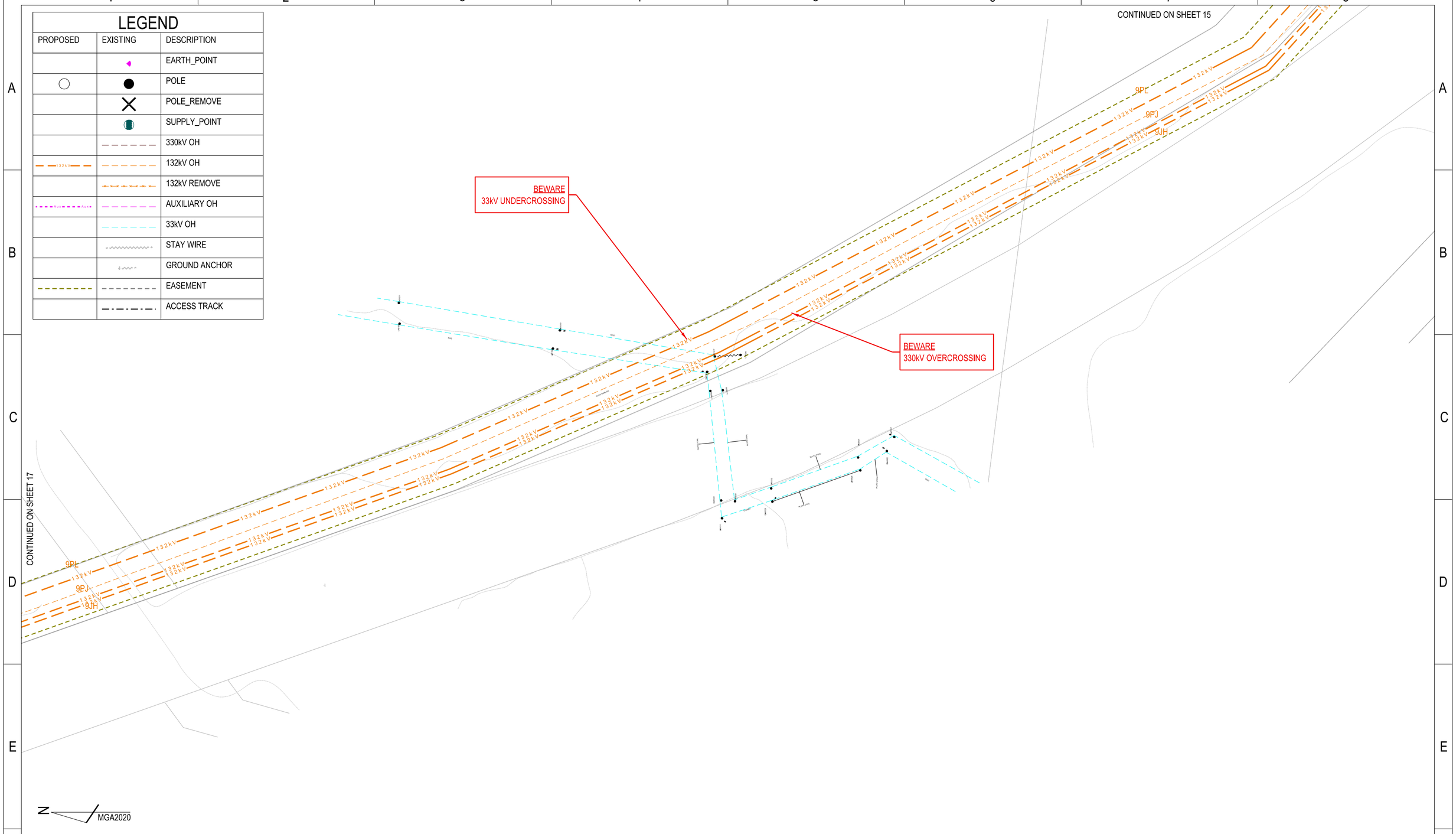
SIZE	DRAWING No	SHEETS	AMD.
A2	265267	15 of 23	0

20110909

265267-15.dgn 4/16/2025 4:11:03 PM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUPPLY_POINT
		330kV OH
		132kV OH
		132kV REMOVE
		AUXILIARY OH
		33kV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK



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AMENDMENTS

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PROJECT No.	SJ-00291
PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

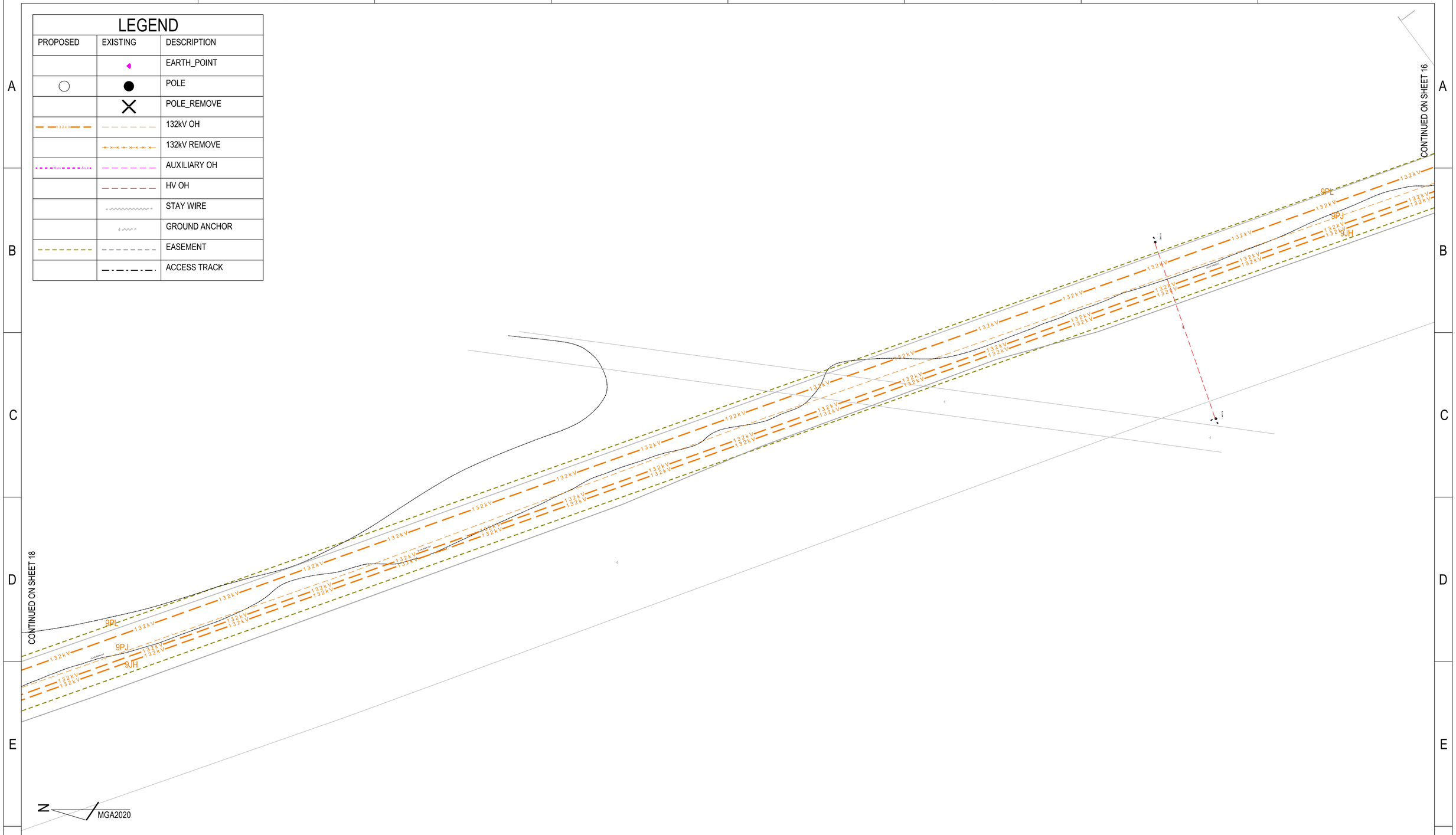
SIZE	DRAWING No	SHEETS	AMD.
A2	265267	16 of 23	0

20110909

265267-16.dgn 4/16/2025 4:11:30 PM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		132kV REMOVE
		AUXILIARY OH
		HV OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK



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132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

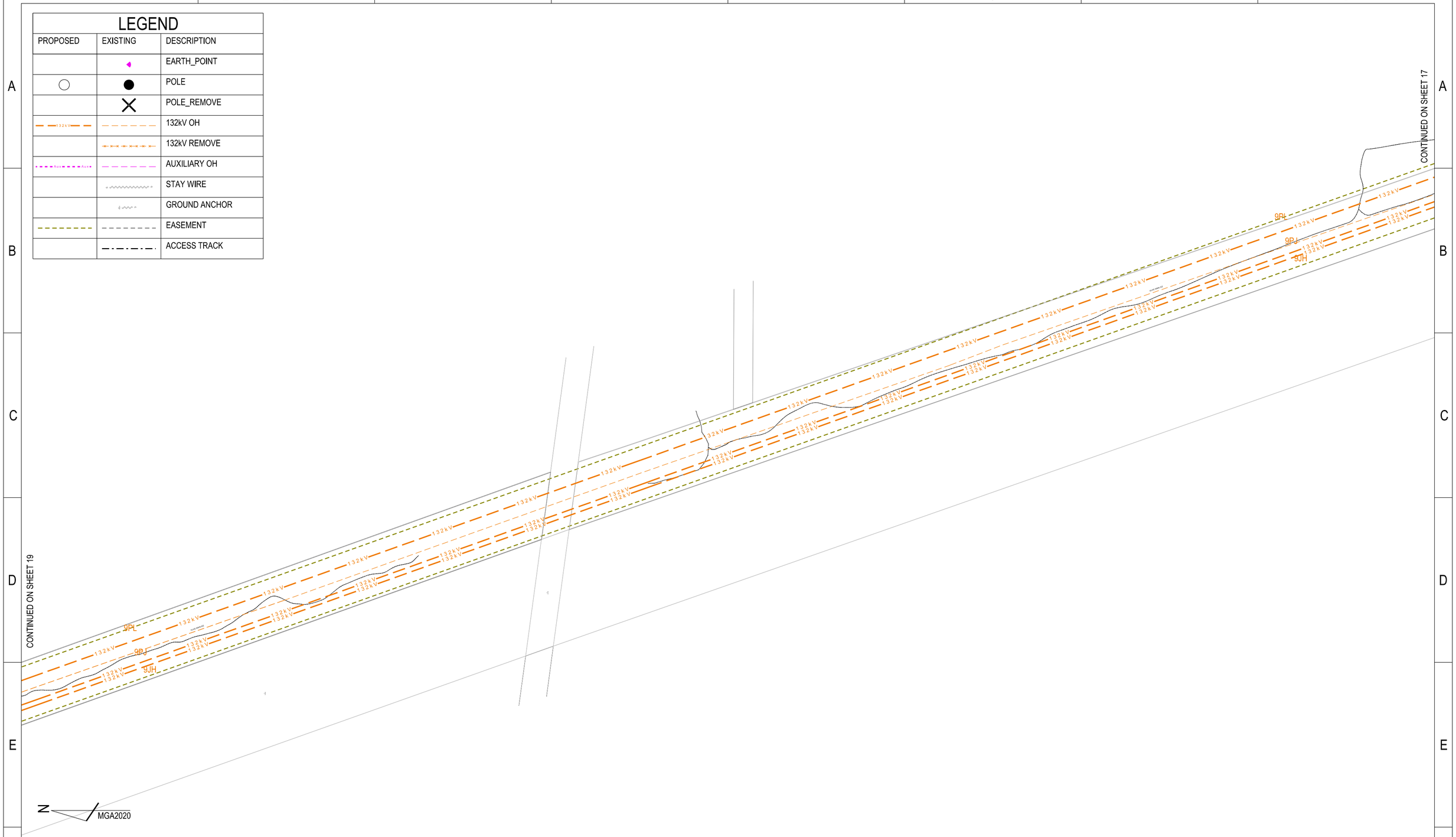
SIZE	DRAWING No	SHEETS	AMD.
A2	265267	17 of 23	0

20110909

265267-17.dgn 4/16/2025 4:11:53 PM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		132kV REMOVE
		AUXILIARY OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK



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PROJECT No.	SJ-00291
PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

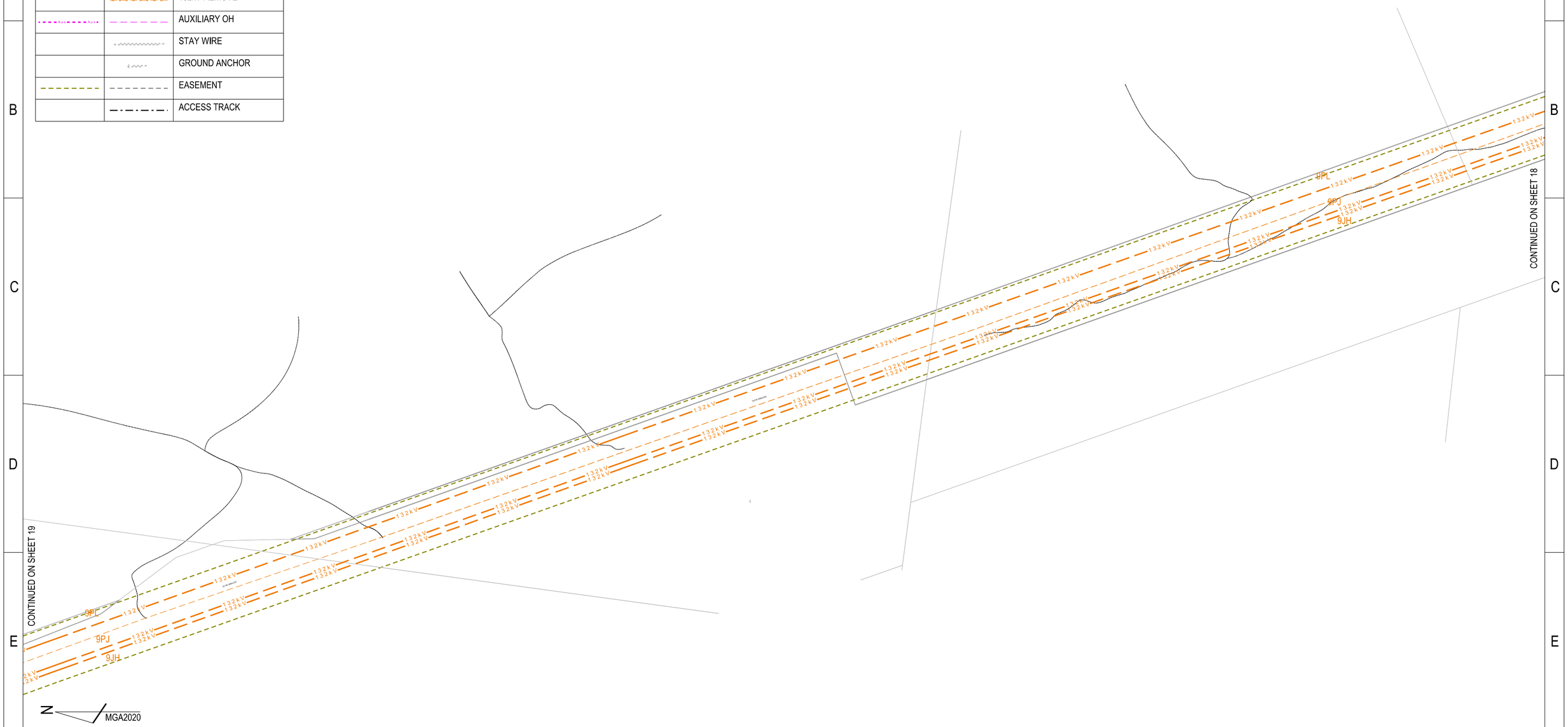
SIZE	DRAWING No	SHEETS	AMD.
A2	265267	18 of 23	0

20110909

265267-18.dgn 4/16/2025 4:12:18 PM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		132kV REMOVE
		AUXILIARY OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK



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DRAFT - 16/4/25

CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

CONDUCTOR STRINGING TABLES	265268

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	MD61-CL71
LGA	SINGLETON/MUSWELLBROOK
PROJECT No.	SJ-00291
PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

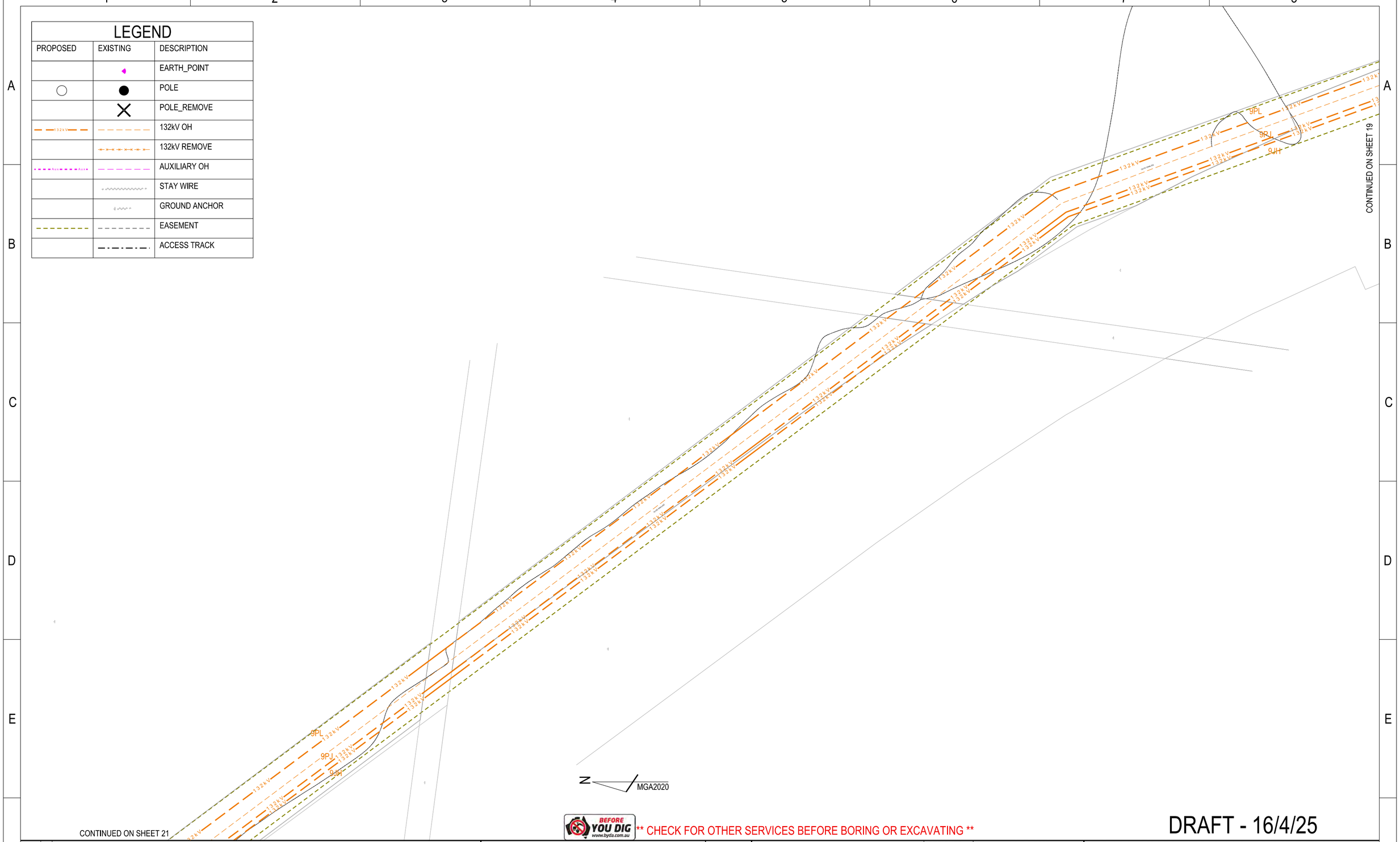
SIZE	DRAWING No	SHEETS	AMD.
A2	265267	19 of 23	0

20110909

265267-19.dgn 4/16/2025 4:12:43 PM

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
132kV		132kV OH
		132kV REMOVE
AUX	AUX	AUXILIARY OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK



CONTINUED ON SHEET 19

CONTINUED ON SHEET 21

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265268

ASSOCIATED DRAWINGS

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145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
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LGA	SINGLETON/MUSWELLBROOK
PROJECT No.	SJ-00291
PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265267	20 of 23	0

20110909

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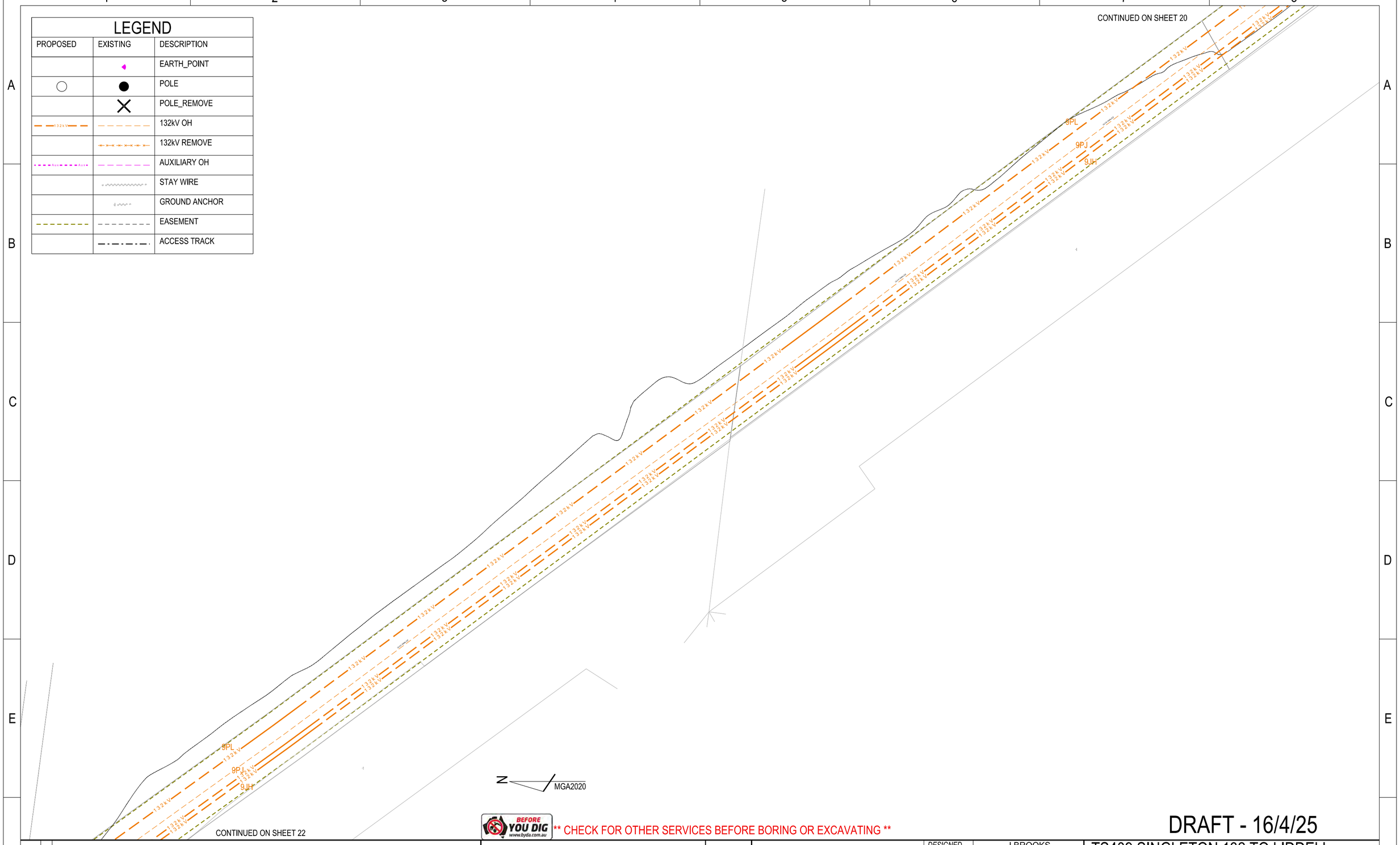
LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
132kV		132kV OH
		132kV REMOVE
Aux		AUXILIARY OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK

CONTINUED ON SHEET 20



CONTINUED ON SHEET 22

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265268

ASSOCIATED DRAWINGS

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
DRAWN	P.RIOS
CHECKED	
AUTHORISED	
DATE	
SCALE	N.T.S
MAP REF.	MD61-CL71
LGA	SINGLETON/MUSWELLBROOK
PROJECT No.	SJ-00291
PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265267	21 of 23	0

20110909

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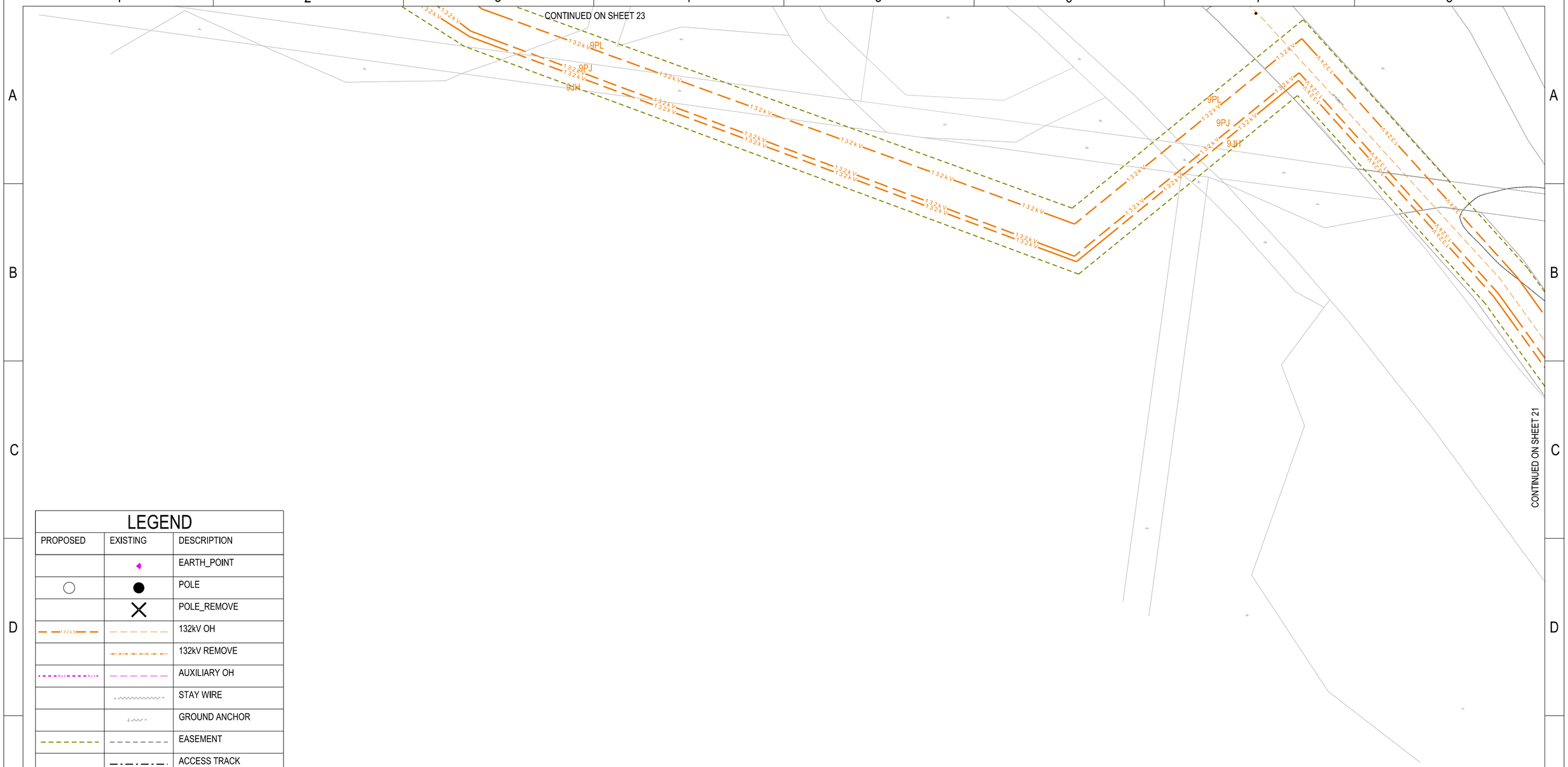

LEGEND		
PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		132kV OH
		132kV REMOVE
		AUXILIARY OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK

N

MGA2020

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AMENDMENTS

CONDUCTOR STRINGING TABLES	265268

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145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	J.BROOKS
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AUTHORISED	
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MAP REF.	MD61-CL71
LGA	SINGLETON/MUSWELLBROOK
PROJECT No.	SJ-00291
PROJTRAK No.	-

TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265267	22 of 23	0

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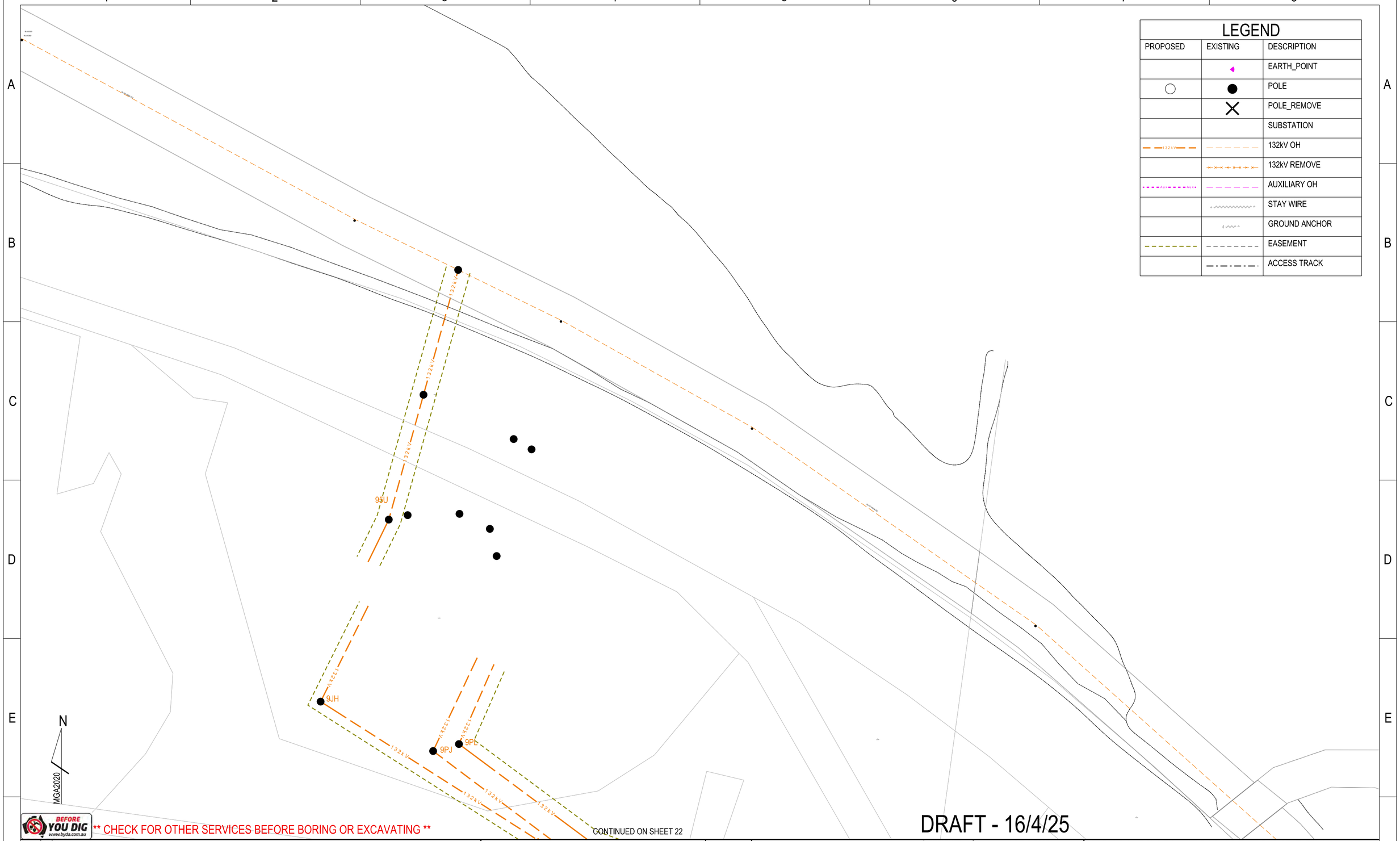

LEGEND		
PROPOSED	EXISTING	DESCRIPTION
		EARTH_POINT
		POLE
		POLE_REMOVE
		SUBSTATION
		132kV OH
		132kV REMOVE
		AUXILIARY OH
		STAY WIRE
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK

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145 NEWCASTLE ROAD
WALLSEND NSW 2287

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DRAWN	P.RIOS
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MAP REF.	MD61-CL71
LGA	SINGLETON/MUSWELLBROOK
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TS409 SINGLETON 132 TO LIDDELL
132kV FEEDERS
PROPOSED OVERHEAD MAINS
FOR REZ PROJECT
ROUTE PLAN & CONSTRUCTION SCHEDULE

SIZE	DRAWING No	SHEETS	AMD.
A2	265267	23 of 23	0

20110909

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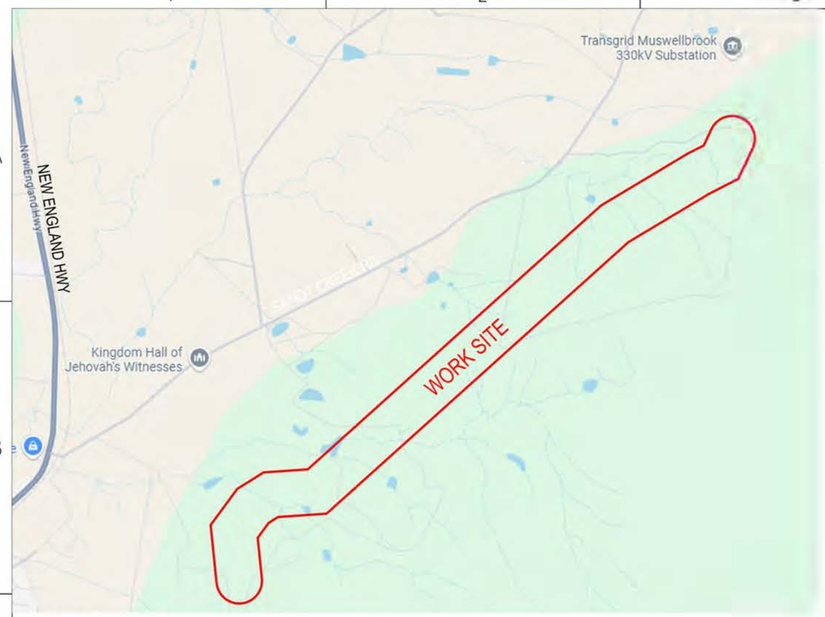


LOCALITY SKETCH
NOT TO SCALE

CONSTRUCTION NOTES :

1. REFER TO SAFETY IN DESIGN DESIGNER REPORT D25/XXXXXX FOR ATYPICAL HAZARDS ASSOCIATED WITH DESIGN.
2. DESIGN SOFTWARE: PLS CADD VERSION 20.01
3. WHEN WORK IS COMPLETE THE FOLLOWING FEEDERS CAN BE OPERATED AT:
   a. 132kV FEEDER 95F - 120°C BETWEEN POLE XX-XXXXX & POLE XX-XXXXX
   b. 132kV FEEDER 95M - 120°C BETWEEN POLE XX-XXXXX & POLE XX-XXXXX
   c. 132kV FEEDER 95U(2) - 120°C BETWEEN POLE XX-XXXXX & POLE XX-XXXXX
   d. 132kV FEEDER 95U(3) - 120°C BETWEEN POLE XX-XXXXX & POLE XX-XXXXX
   e. 132kV FEEDER 9PM - 120°C BETWEEN POLE XX-XXXXX & POLE XX-XXXXX
   f. 132kV FEEDER 95H - 120°C BETWEEN POLE XX-XXXXX & POLE XX-XXXXX
   g. 132kV FEEDER 86194 - 120°C BETWEEN POLE XX-XXXXX & POLE XX-XXXXX
   h. 66kV FEEDER 6022 - 120°C BETWEEN POLE XX-XXXXX & POLE XX-XXXXX
4. THE INFORMATION IN THIS DESIGN MUST BE CHECKED ON SITE AND THE MOST CURRENT INFORMATION ON THE CONFIGURATION OF ALL SERVICES, INCLUDING AUSGRID'S NETWORK, MUST BE VERIFIED BEFORE CONSTRUCTION COMMENCES. BYD PLANS MUST BE NO OLDER THAN 20 BUSINESS DAYS AT TIME OF CONSTRUCTION.
5. ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH AUSGRID'S NETWORK STANDARDS.
6. POLE LOCATION AND POLE ALIGNMENT PEGS TO BE PEGGED BY SURVEY. POLE ALIGNMENT PEGS TO BE USED TO ALIGN LOWER SECTION OF POLE WITH POLE ZERO AXIS. POLE TAG IS ON THE ZERO AXIS.
7. GROUND CONDITIONS SHOULD BE INSPECTED BY A SUITABLY QUALIFIED AND EXPERIENCED PERSON DURING THE WORKS (SEE DOUGLAS PARTNERS REPORT ON GEOTECHNICAL INVESTIGATION PROPOSED MUSWELLBROOK SUBSTATION, REPORT ON SUPPLEMENTARY GEOTECHNICAL INVESTIGATIONS, REPORT ON PRELIMINARY CONTAMINATION TESTING & REPORT ON GEOTECHNICAL INVESTIGATION HUNTER POLE REPLACEMENT PROGRAMFOR EXPECTED CONDITIONS).
8. ORDER CONCRETE TO ACHIEVE THE DESIGNATED STRENGTH WITHIN 7 DAYS. ALLOW CONCRETE TO CURE FOR 7 DAYS PRIOR TO PLACING ANY LOADS ON THE POLE TO ENSURE FULL STRENGTH IS ACHIEVED.
9. CONCRETE TO BE SUPPLIED IN ACCORDANCE WITH A.S.1379 - SPECIFICATION AND SUPPLY OF CONCRETE.

EARTHING NOTES :

1. THE POLE FOOTING SHALL BE EARTHED IN ACCORDANCE WITH THE REQUIREMENTS OF NS260.
2. SEE DRG: 520209, 520210 & 236804 FOR DETAILS OF STRUCTURE EARTHING & MULTIPLE POLE BONDING.
3. INSTALLER/TESTER TO RECORD 'AS BUILT' DETAILS AND MEASURED FOOTING IMPEDANCES ON TEST SHEETS. THESE ARE TO BE PROVIDED TO NETWORK EARTHING FOR ENDORSEMENT PRIOR TO THE CONNECTION OF THE OHEW/OPGW.
4. THE FOOTING IMPEDANCE MEASUREMENTS MUST BE TAKEN PRIOR TO THE CONNECTION TO THE OHEW/OPGW.
5. REFER TO AUSGRID'S NS116 ANNEXURE D8 LOCAL EARTHING – THREE TERMINAL TEST / FALL OF POTENTIAL TEST FOR APPROVED TEST METHODS.
6. THE TARGET IMPEDANCE FOR 132KV STRUCTURES IS <10 Ω AS PER NS264 SECTION 7.6.8.3. BASED ON SITE MEASUREMENTS, NETWORK EARTHING MAY SPECIFY ADDITIONAL DEEP ELECTRODES TO BE INSTALLED NEXT TO THE POLE TO ACHIEVE THE TARGET IMPEDANCES.

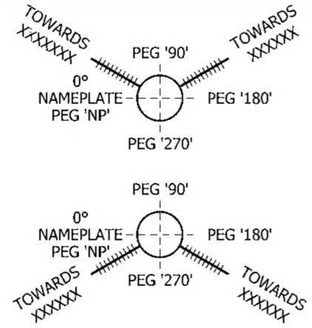
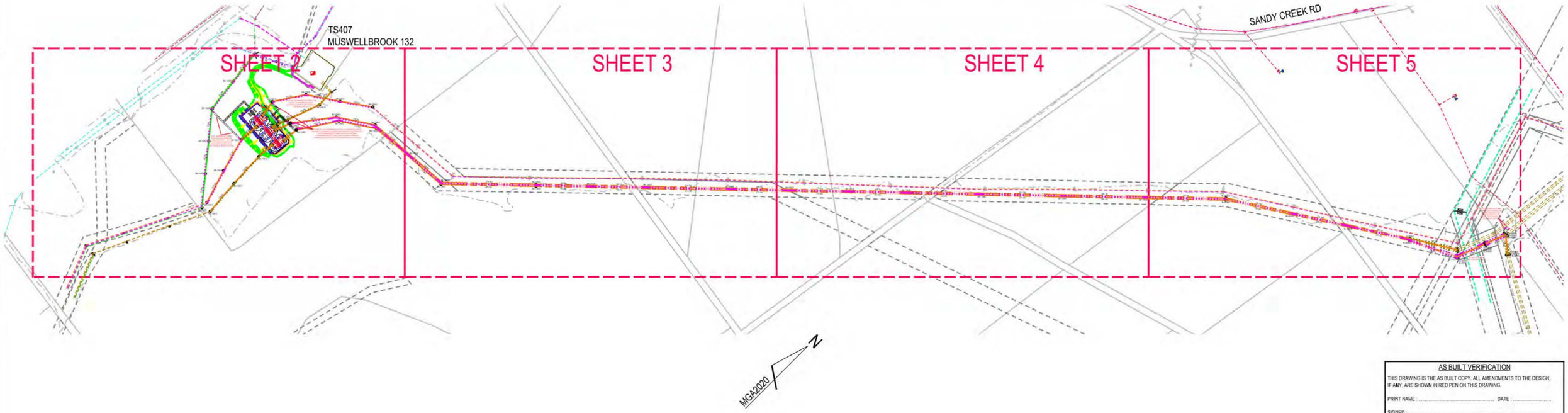


DIAGRAM: POLE ORIENTATION EXAMPLES



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AMENDMENTS

TRANSGRID UNDER-CROSSING APPROVAL	269276
CONDUCTOR STRINGING TABLES	269275

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	L.DUNKLEY
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	N.T.S
MAP REF.	BK12
LGA	MUSWELLBROOK
PROJECT No.	NC-01006

TW.422 SANDY CREEK STSS TO BS.18045 TRANSGRID MUSWELLBROOK 132kV FEEDERS 95F, 95H, 9PM, 9SM & 95U(2) HCC REZ
LOCALITY & KEY PLAN

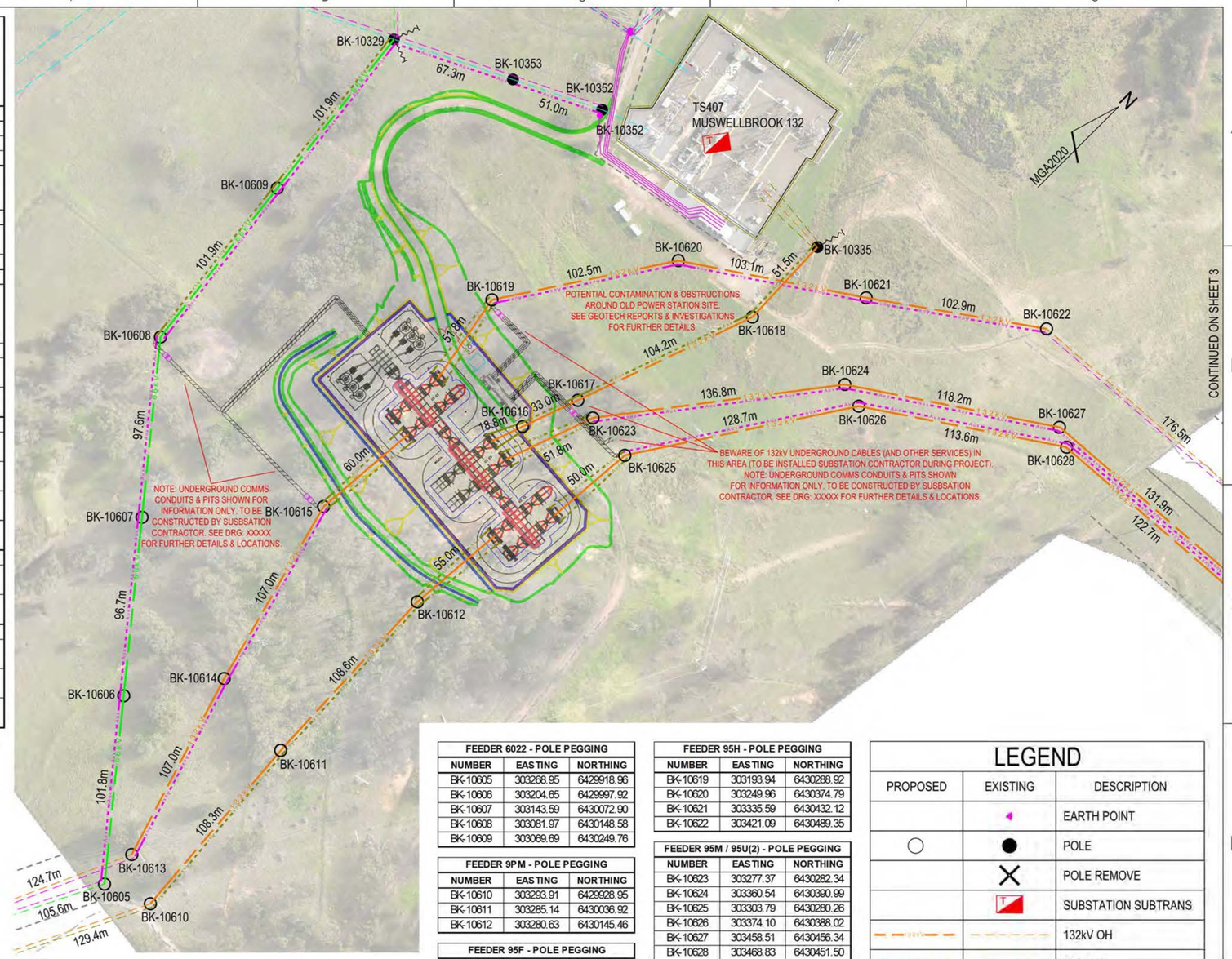
SIZE	DRAWING No	SHEETS	AMD
A2	269275	1 of 5	A

20110909

POLE							CONSTRUCTION		
NUMBER	SIZE m	STRENGTH kN	TYPE T/C/S	BUTT DIAM mm	E/R/N	DEPTH m	132kV	DISTANCE FROM POLE TOP m	REMARKS
BK-10610	24.0	120	S	1350	N	4.50	T	0.00	MAINTAIN EXISTING TENSION IN SPAN TOWARDS BK-10178.
BK-10611	28.0	80	S	1200	N	4.00	S	0.00	
BK-10612	24.0	120	S	1350	N	4.50	T	0.00	ROLL PHASE CONDUCTORS TO XXXXXX TO MAINTAIN CORRECT PHASING.
9PM FEEDER BAY	12.0		S		N		T	0.00	
BK-10613	32.0	120	S	1500	N	5.00	T	0.00	MAINTAIN EXISTING TENSION IN SPAN TOWARDS BK-10301. TERMINATE OPGW. INSTALL COIL BRACKET & SPLICE BOX AS PER DRG. 565743. OVERCROSS FEEDER 6022.
BK-10614	30.0	80	S	1350	N	4.50	S	0.00	
BK-10615	26.0	120	S	1350	N	4.50	T	0.00	TERMINATE OPGW. INSTALL COIL BRACKET & SPLICE BOX AS PER DRG. 565743. ROLL PHASE CONDUCTORS TO XXXXXX TO MAINTAIN CORRECT PHASING.
95F FEEDER BAY	12.0		S		N		T	0.00	
95F FEEDER BAY	12.0		S		N		T	0.00	
BK-10616	26.0	80	S	1200	N	8.00	T	0.00	LARGER EMBEDMENT DEPTH DUE TO SUBSTATION SITE FILL. USING EARTH FERRULES 100mm BELOW GROUND LEVEL, BOND POLE TO SUBSTATION EARTH GRID SIMILAR TO DRG. 236804 SHT. 1 DETAIL 'GB'. ROLL PHASE CONDUCTORS TO XXXXXX TO MAINTAIN CORRECT PHASING.
BK-10617	24.0	120	S	1350	N	4.50	T	0.00	
BK-10618	22.0	120	S	1200	N	5.00	T	0.00	TEST BORE LOCATION TO ENSURE IT IS FREE OF CONCRETE OR OTHER DEBRIS. UNDERCROSS FEEDER 95H.
BK-10335	24.0	80	C		E		T	0.00	UNDERCROSS FEEDER 95H. ATTACH GM-S GROUND STAY 3.0m FROM HEAD OF POLE
95H FEEDER BAY	12.0		S		N		T	0.00	
BK-10619	28.0	120	S	1350	N	5.00	T	0.00	TERMINATE OPGW. INSTALL COIL BRACKET & SPLICE BOX AS PER DRG. 565743. ROLL PHASE CONDUCTORS TO XXXXXX TO MAINTAIN CORRECT PHASING.
BK-10620	36.0	120	S	1500	N	6.00	T	0.00	TEST BORE LOCATION TO ENSURE IT IS FREE OF CONCRETE OR OTHER DEBRIS. MECHANICAL TERMINATION OF OPGW ONLY. DO NOT CUT.
BK-10621	36.0	120	S	1500	N	6.00	T	0.00	MECHANICAL TERMINATION OF OPGW ONLY. DO NOT CUT. INSTALL COIL BRACKET & LEAVE 20m OF OPGW ON IT FOR FUTURE BYPASS CROSSING.
BK-10622	28.0	120	S	1350	N	5.00	T	0.00	MAINTAIN EXISTING TENSION IN SPAN TOWARDS BK-10189/90. TERMINATE OPGW. INSTALL COIL BRACKET & SPLICE BOX AS PER DRG. 565743.
95M FEEDER BAY	12.0		S		N		T	0.00	
BK-10623	28.0	120	S	1350	N	5.00	T	0.00	TERMINATE OPGW. INSTALL COIL BRACKET & SPLICE BOX AS PER DRG. 565743. ROLL PHASE CONDUCTORS TO XXXXXX TO MAINTAIN CORRECT PHASING.
BK-10624	32.0	120	S	1500	N	5.00	T	0.00	MECHANICAL TERMINATION OF OPGW ONLY. DO NOT CUT. INSTALL COIL BRACKET & LEAVE 20m OF OPGW ON IT FOR FUTURE BYPASS CROSSING.
95U(2) FEEDER BAY	12.0		S		N		T	0.00	
BK-10625	28.0	120	S	1350	N	5.00	T	0.00	TERMINATE OPGW. INSTALL COIL BRACKET & SPLICE BOX AS PER DRG. 565743. ROLL PHASE CONDUCTORS TO XXXXXX TO MAINTAIN CORRECT PHASING.
BK-10626	32.0	120	S	1500	N	5.00	T	0.00	MECHANICAL TERMINATION OF OPGW ONLY. DO NOT CUT. INSTALL COIL BRACKET & LEAVE 20m OF OPGW ON IT FOR FUTURE BYPASS CROSSING.
BK-10627/28	30.0	120	S	1500	N	5.00	T	0.00	MECHANICAL TERMINATION OF OPGW ONLY. DO NOT CUT. INSTALL COIL BRACKET & LEAVE 20m OF OPGW ON IT FOR FUTURE BYPASS CROSSING.

DEFINITIONS

E - EXISTING POLE
R - REPLACEMENT POLE
N - NEW POLE
C - CONCRETE POLE
T - TIMBER POLE
S - STEEL POLE



FEEDER 6022 - POLE PEGGING		
NUMBER	EASTING	NORTHING
BK-10605	303268.95	6429918.96
BK-10606	303204.65	6429997.92
BK-10607	303143.59	6430072.90
BK-10608	303081.97	6430148.58
BK-10609	303069.69	6430249.76

FEEDER 9PM - POLE PEGGING		
NUMBER	EASTING	NORTHING
BK-10610	303293.91	6429928.95
BK-10611	303285.14	6430036.92
BK-10612	303280.63	6430145.46

FEEDER 95F - POLE PEGGING		
NUMBER	EASTING	NORTHING
BK-10613	303268.08	6429940.61
BK-10614	303236.32	6430042.73
BK-10615	303208.65	6430146.12

FEEDER 95F TEMP - POLE PEGGING		
NUMBER	EASTING	NORTHING
BK-10616	303253.91	6430252.27
BK-10617	303264.91	6430283.33
BK-10618	303299.70	6430381.50

FEEDER 95H - POLE PEGGING		
NUMBER	EASTING	NORTHING
BK-10619	303193.94	6430288.92
BK-10620	303249.96	6430374.79
BK-10621	303335.59	6430432.12
BK-10622	303421.09	6430489.35

FEEDER 95M / 95U(2) - POLE PEGGING		
NUMBER	EASTING	NORTHING
BK-10623	303277.37	6430282.34
BK-10624	303360.54	6430390.99
BK-10625	303303.79	6430280.26
BK-10626	303374.10	6430388.02
BK-10627	303458.51	6430456.34
BK-10628	303468.83	6430451.50

ANCHOR LOCATION		
NUMBER	EASTING	NORTHING
BK-10329	303062.18	6430364.37
BK-10329	303069.83	6430346.52
BK-10335	303301.83	6430448.21

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		EARTH POINT
		POLE
		POLE REMOVE
		SUBSTATION SUBTRANS
		132kV OH
		66kV OH
		33kV OH
		OPGW OH
		ADSS OH
		OHEW
		AUXILIARY UG
		DUCT
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK

POLE							CONSTRUCTION		CONSTRUCTION		
NUMBER	SIZE m	STRENGTH kN	TYPE T/C/S	BUTT DIAM mm	E/R/N	DEPTH m	66kV	DISTANCE FROM POLE TOP m	ADSS	DISTANCE FROM POLE TOP m	REMARKS
BK-10605	18.5	120	S	1200	N	4.50	T	0.00			MAINTAIN EXISTING TENSION IN SPAN TOWARDS BK-10301. TERMINATE OPGW. INSTALL COIL BRACKET & SPLICE BOX AS PER DRG. 565743. UNDERCROSS FEEDER 95F.
BK-10606	22.0	40	S	1050	N	4.00	S	0.00			UNDERCROSS FEEDER 95F.
BK-10607	22.0	40	S	1050	N	4.00	S	0.00			
BK-10608	22.0	80	S	1200	N	4.00	T	0.00	234578	8.00	TERMINATE OPGW. INSTALL COIL BRACKET & SPLICE BOX AS PER DRG. 565743. TRANSITION FROM OPGW TO UNDERSLUNG ADSS TOWARDS BK-10609.
BK-10609	22.0	40	S	1050	N	4.00	S	0.00	234569	7.00	
BK-10329	24.0	80	C		E		T	0.00	234585	12.00	ATTACH TWO (2) GM-S GROUND STAYS 5.75m FROM HEAD OF THE POLE
BK-10353	14.0	8	T		E			0.00	234569	6.00	
BK-10352	15.5	12	T		E			0.00	234577	6.00	CONSTRUCT ADSS UGOH AS PER DRG. 212386 SHT. 3.

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AMENDMENTS

PHASING DIAGRAM	XXXXXX
G-MS GROUND STAY ARRANGEMENT	507797
SPLICE BOX & COIL BRACKET ARRANGEMENT	565743
ADSS SUSPENSION CONSTRUCTION	234569
ADSS THROUGH TERMINATION CONSTRUCTION	234577
ADSS THROUGH TERMINATION CONSTRUCTION w/ SPLICE ENC.	234578
ADSS THROUGH TERMINATION CONSTRUCTION - CONCRETE	234585

GENERAL EARTHING DETAILS	236804
MULTI STEEL POLE EARTHING ARRANGEMENT	520210
SINGLE STEEL POLE EARTHING ARRANGEMENT	520209
STEEL POLE MANUFACTURING DETAILS	XXXXXX
STEEL POLE FOOTING ARRANGEMENT	178123 ARR.4
CONSTRUCTION TYPES	269294-99
CONDUCTOR STRINGING TABLES	269275

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	L.DUNKLEY
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	BK12
LGA	MUSWELLBROOK
PROJECT No.	NC-01006

TW.422 SANDY CREEK STSS TO BS.18045 TRANSGRID MUSWELLBROOK 132kV FEEDERS 95F, 95H, 9PM, 9SM & 95U(2) HCC REZ
ROUTE PLAN & CONSTRUCTION DETAILS

SIZE	DRAWING No	SHEETS	AMD.
A2	269274	2 of 5	A

20110909

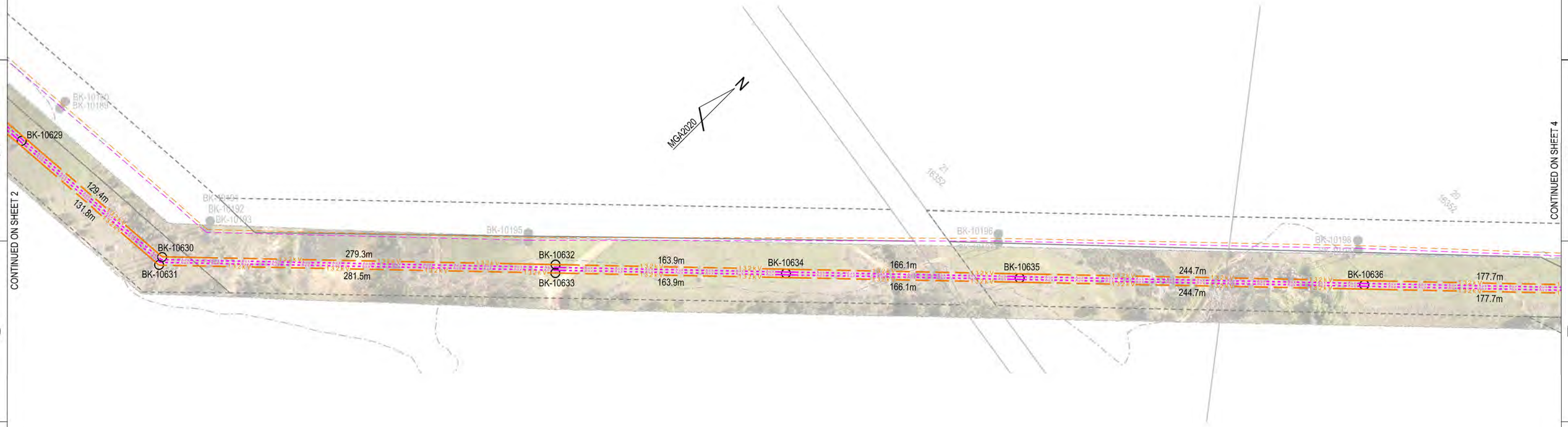
POLE							CONSTRUCTION		
NUMBER	SIZE m	STRENGTH kN	TYPE T/C/S	BUTT DIAM mm	E/R/N	DEPTH m	132kV	DISTANCE FROM POLE TOP m	REMARKS
BK-10629	30.0	80	S	1350	N	4.50	S	0.00	
BK-10630/31	28.0	160	S	1500	N	5.50	T	0.00	MECHANICAL TERMINATION OF OPGW ONLY. DO NOT CUT.
BK-10632/33	28.0	120	S	1350	N	5.00	T	0.00	TERMINATE OPGW. INSTALL COIL BRACKET & SPLICE BOX AS PER DRG. 565743.
BK-10634	30.0	80	S	1350	N	4.50	S	0.00	
BK-10635	30.0	80	S	1350	N	4.50	S	0.00	
BK-10636	30.0	80	S	1350	N	4.50	S	0.00	

DEFINITIONS

E - EXISTING POLE
R - REPLACEMENT POLE
N - NEW POLE
C - CONCRETE POLE
T - TIMBER POLE
S - STEEL POLE

FEEDER 95M / 95U(2) - POLE PEGGING		
NUMBER	EASTING	NORTHING
BK-10629	303590.67	6430463.25
BK-10630	303719.56	6430475.54
BK-10631	303722.00	6430470.06
BK-10632	303920.90	6430669.27
BK-10633	303925.06	6430664.94
BK-10634	304041.19	6430780.69
BK-10635	304160.99	6430895.81
BK-10636	304337.43	6431065.37

LEGEND		
PROPOSED	EXISTING	DESCRIPTION
○	●	POLE
	✕	POLE REMOVE
		132kV OH
		OPGW OH
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK



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AMENDMENTS

PHASING DIAGRAM	XXXXXX
SPLICE BOX & COIL BRACKET ARRANGEMENT	565743

GENERAL EARTHING DETAILS	236804
MULTI STEEL POLE EARTHING ARRANGEMENT	520210
SINGLE STEEL POLE EARTHING ARRANGEMENT	520209
STEEL POLE MANUFACTURING DETAILS	XXXXXX
STEEL POLE FOOTING ARRANGEMENT	178123 ARR.4
CONSTRUCTION TYPES	269294-99
CONDUCTOR STRINGING TABLES	269275

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	L.DUNKLEY
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	BK12
LGA	MUSWELLBROOK
PROJECT No.	NC-01006

TW.422 SANDY CREEK STSS TO BS.18045 TRANSGRID MUSWELLBROOK 132kV FEEDERS 95F, 95H, 9PM, 9SM & 95U(2) HCC REZ
ROUTE PLAN & CONSTRUCTION DETAILS

SIZE	DRAWING No	SHEETS	AMD
A2	269274	3 of 5	A

20110909

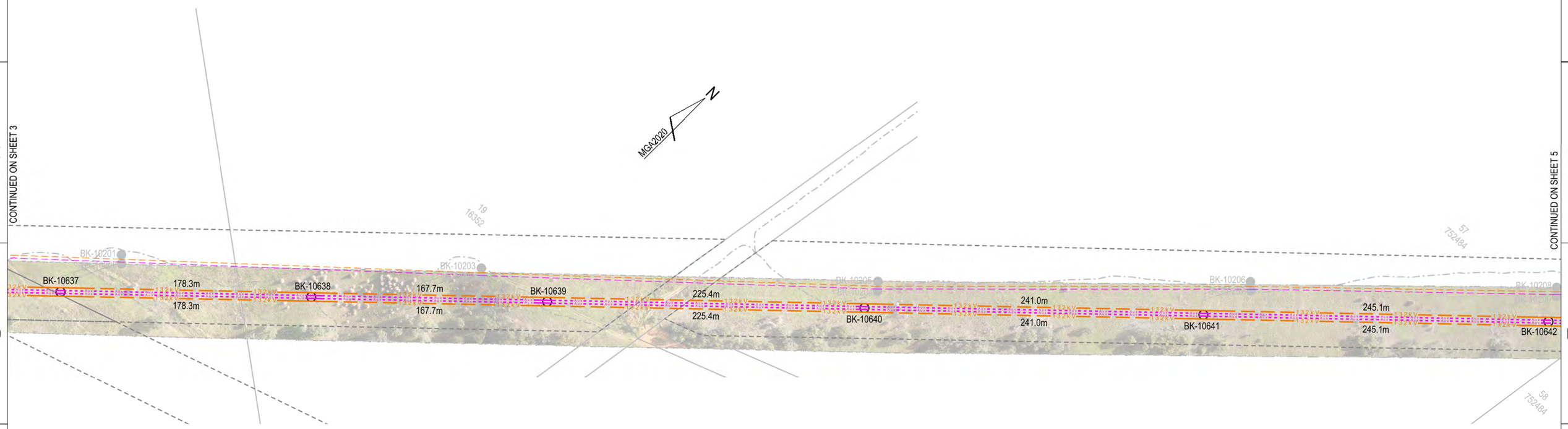
POLE							CONSTRUCTION		
NUMBER	SIZE m	STRENGTH kN	TYPE T/C/S	BUTT DIAM mm	E/R/N	DEPTH m	132kV	DISTANCE FROM POLE TOP m	REMARKS
BK-10637	30.0	80	S	1350	N	4.50	S	0.00	
BK-10638	30.0	80	S	1350	N	4.50	S	0.00	
BK-10639	30.0	80	S	1350	N	4.50	S	0.00	
BK-10640	30.0	80	S	1350	N	4.50	S	0.00	
BK-10641	32.0	80	S	1350	N	4.50	S	0.00	
BK-10642	30.0	80	S	1350	N	4.50	S	0.00	

DEFINITIONS

E - EXISTING POLE
R - REPLACEMENT POLE
N - NEW POLE
C - CONCRETE POLE
T - TIMBER POLE
S - STEEL POLE

FEEDER 95M / 95U(2) - POLE PEGGING		
BK-10637	304465.53	6431188.46
BK-10638	304594.11	6431312.02
BK-10639	304715.05	6431428.24
BK-10640	304877.60	6431584.44
BK-10641	305051.35	6431751.40
BK-10642	305228.13	6431921.27

LEGEND		
PROPOSED	EXISTING	DESCRIPTION
○	●	POLE
	✕	POLE REMOVE
		132kV OH
		OPGW OH
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK



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SINGLE STEEL POLE EARTHING ARRANGEMENT	520209
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CONSTRUCTION TYPES	269294-99
CONDUCTOR STRINGING TABLES	269275

ASSOCIATED DRAWINGS

Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	L.DUNKLEY
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LGA	MUSWELLBROOK
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TW.422 SANDY CREEK STSS TO BS.18045 TRANSGRID MUSWELLBROOK 132kV FEEDERS 95F, 95H, 9PM, 9SM & 95U(2) HCC REZ
ROUTE PLAN & CONSTRUCTION DETAILS

SIZE	DRAWING No	SHEETS	AMD
A2	269274	4 of 5	A

20110909

©

POLE							CONSTRUCTION		
NUMBER	SIZE m	STRENGTH kN	TYPE T/C/S	BUTT DIAM mm	E/R/N	DEPTH m	132kV	DISTANCE FROM POLE TOP m	REMARKS
BJ-80643/44	30.0	120	S	1500	N	5.00			MECHANICAL TERMINATION OF OPGW ONLY. DO NOT CUT.
BJ-80645	30.0	80	S	1350	N	4.50			
BJ-80646	30.0	80	S	1350	N	4.50			
BJ-80647/48	28.0	120	S	1350	N	5.00			TERMINATE OPGW. INSTALL COIL BRACKET & SPLICE BOX AS PER DRG: 565743. BRING THE OPGW ON BJ-80647 ACROSS TO BJ-80648. BOTH OPGWs TO GO FROM BJ-80648 TO BJ-80649 & BJ-80651. ROLL PHASE CONDUCTORS TO XXXXXX TO MAINTAIN CORRECT PHASING.
BJ-80053/54/55	24.0	80	C		E				MAINTAIN EXISTING TENSION IN SPAN TOWARDS BJ-80050/51/52. TRANSGRID 330kV CROSSING OVERHEAD SEE DRG: 269276.
BJ-80649/50/51	24.0	80	S	1200	N	4.00			TRANSGRID 330kV CROSSING OVERHEAD SEE DRG: 269276.
BJ-80652/53/54	20.0	80	S	1200	N	4.50			MECHANICAL TERMINATION OF OPGW ONLY. DO NOT CUT. TRANSGRID 330kV CROSSING OVERHEAD SEE DRG: 269276.
BJ-80655/56/57	26.0	80	S	1200	N	4.00			CONSTRUCT NON-TYPICAL THREE-POLE TEE-OFF STRUCTURE. PHASES CROSSING OVER EACH OTHER AT DIFFERENT HEIGHTS. POLE WITH THE HIGHEST ATTACHMENT TO BE ON THE EATERN SIDE. MAINTAIN EXISTING TENSION IN SPAN TOWARDS BJ-80042/43. TERMINATE OPGW. INSTALL COIL BRACKET & SPLICE BOX AS PER DRG: 565743.
BJ-80658/59/60	18.5	80	S	1050	N	4.00			MAINTAIN EXISTING TENSION IN SPAN TOWARDS BJ-80037/38.

DEFINITIONS
E - EXISTING POLE
R - REPLACEMENT POLE
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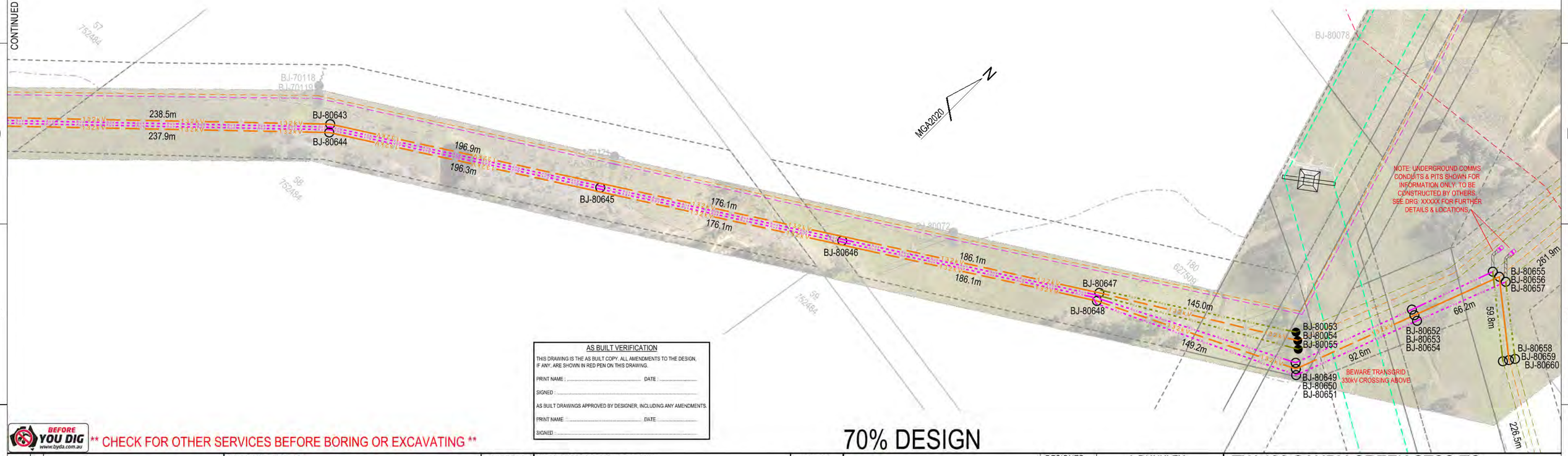
C - CONCRETE POLE
T - TIMBER POLE
S - STEEL POLE

FEEDER 95M / 95U(2) - POLE PEGGING		
NUMBER	EASTING	NORTHING
BJ-80643	305398.03	6432088.68
BJ-80644	305401.74	6432083.97
BJ-80645	305565.50	6432192.23
BJ-80646	305713.89	6432287.12
BJ-80647	305869.35	6432390.10
BJ-80648	305872.24	6432384.83
BJ-80649	306003.05	6432453.36
BJ-80650	306006.28	6432450.37
BJ-80651	306009.50	6432447.37
BJ-80652	306034.68	6432538.57
BJ-80653	306038.80	6432537.02
BJ-80654	306042.92	6432535.48
BJ-80655	306056.25	6432598.30
BJ-80656	306062.06	6432599.00
BJ-80657	306067.87	6432599.70

FEEDER 95U(3) - POLE PEGGING		
NUMBER	EASTING	NORTHING
BJ-80658	306106.45	6432558.25
BJ-80659	306108.91	6432561.90
BJ-80660	306111.37	6432565.55

LEGEND		
PROPOSED	EXISTING	DESCRIPTION
○	●	POLE
	✕	POLE REMOVE
132kV		132kV OH
		11kV OH
		OPGW OH
		OHEW
		GROUND ANCHOR
		EASEMENT
		ACCESS TRACK
		TRANSGRID 330kV OH
		TOWER
		DUCT

CONTINUED ON SHEET 4



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AMENDMENTS

PHASING DIAGRAM	XXXXXX
SPLICE BOX & COIL BRACKET ARRANGEMENT	565743
TRANSGRID UNDER-CROSSING APPROVAL	269276

ASSOCIATED DRAWINGS

GENERAL EARTHING DETAILS	236804
MULTI STEEL POLE EARTHING ARRANGEMENT	520210
SINGLE STEEL POLE EARTHING ARRANGEMENT	520209
STEEL POLE MANUFACTURING DETAILS	XXXXXX
STEEL POLE FOOTING ARRANGEMENT	178123 ARR.4
CONSTRUCTION TYPES	269294-99
CONDUCTOR STRINGING TABLES	269275

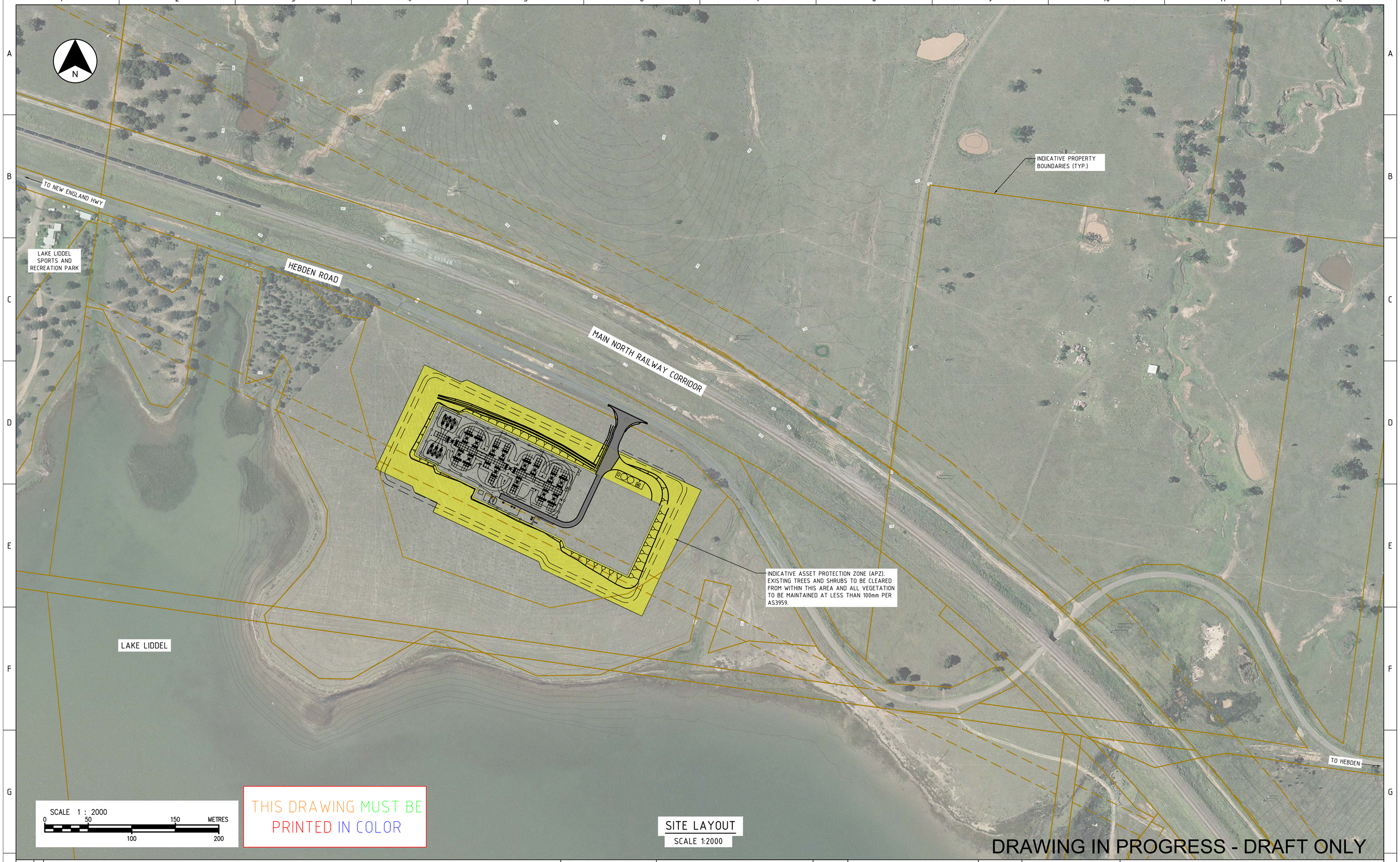
Ausgrid
42 HONEYSUCKLE DRIVE
NEWCASTLE WEST NSW 2300

DESIGNED	L.DUNKLEY
DRAWN	P.RIOS
CHECKED	checked_by
AUTHORISED	authorised_by
DATE	authorised_date
SCALE	1:2000
MAP REF.	BK12
LGA	MUSWELLBROOK
PROJECT No.	NC-01006

TW.422 SANDY CREEK STSS TO BS.18045 TRANSGRID MUSWELLBROOK 132kV FEEDERS 95F, 95H, 9PM, 9SM & 95U(2) HCC REZ
ROUTE PLAN & CONSTRUCTION DETAILS

SIZE	DRAWING No	SHEETS	AMD
A2	269274	5 of 5	A

20110909



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AMENDMENTS

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CONSULTANT
AECOM Australia Pty Ltd
A.B.N 20 093 846 925
www.aecom.com

ASSOCIATED DRAWINGS

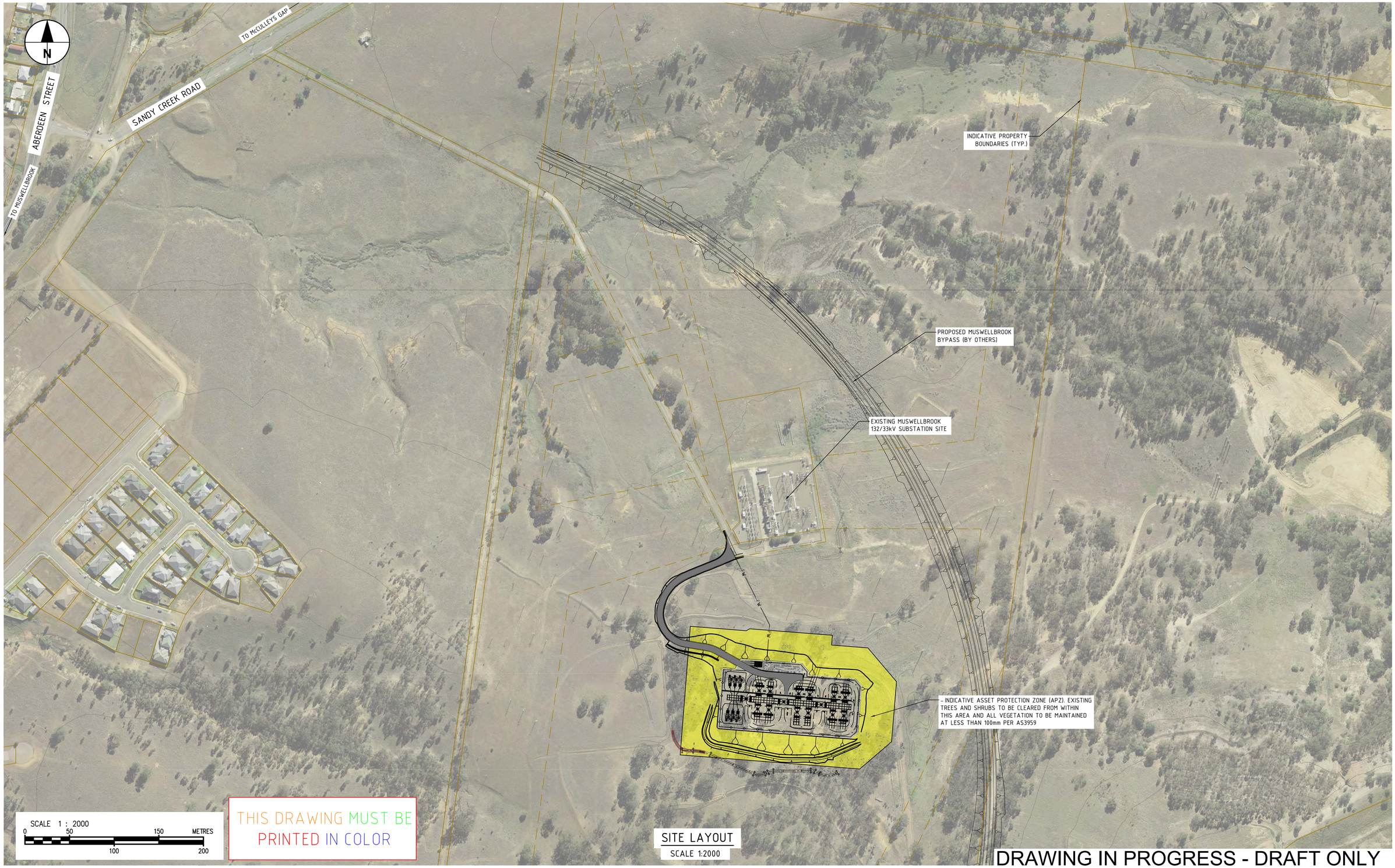
Ausgrid
570 George Street
SYDNEY NSW 2000

ISSUED FOR
DRAFT

SCALE	1:2000
DESIGNED	B.FINCHAM
DRAWN	A.GIBSON
CHECKED	
APPROVED	
DATE	11.04.2025
TRIM REF	-
PROJECT NUMBER	-

TW00420 ANTIENE STSS
132kV SWITCHING STATION
SITE LAYOUT

SHEET 01 | AMD | SIZE A1



SITE LAYOUT
SCALE 1:2000

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CAD DRAWING
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570 George Street
SYDNEY NSW 2000

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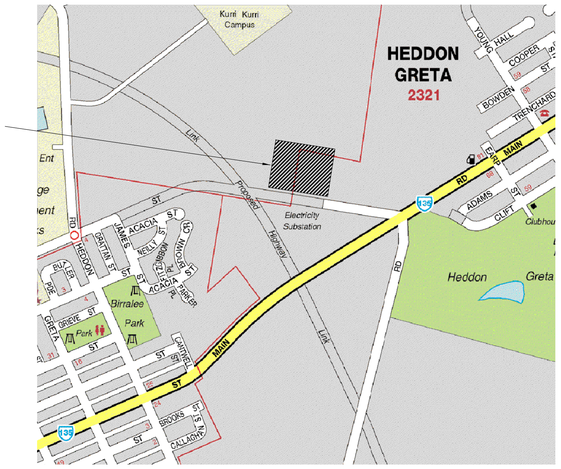
SCALE	1:2000
DESIGNED	B.FINCHAM
DRAWN	A.GIBSON
CHECKED	
APPROVED	
DATE	11.04.2025
TRIM REF	-
PROJECT NUMBER	-

TW00422 SANDY CREEK STSS
132kV SWITCHING STATION
SITE LAYOUT

SHEET 01 | AMD | SIZE A1

NORTH

SUBSTATION SITE



LOCALITY PLAN

N.T.S.

LEGEND

- EXISTING OVERHEAD
- PROPERTY BOUNDARY
- NEW SUBSTATION FENCE
- EXIST SUBSTATION FENCE
- EXIST POWER POLE

33kV SWITCHROOM SETOUT

DATUM - N/W CORNER OF Tx3 BUND - E359534.037 N6369238.319

POINT 1 - S/E CORNER OF SWITCHROOM - E359525.597 N6369251.515

POINT 2 - S/W CORNER OF SWITCHROOM - E359514.453 N6369255.177

TENDER ISSUE B

CAD DRAWING DO NOT MANUALLY AMEND A M E N D M E N T S	DWN: amend_by	DWN: amend_by
	CHKD: check_by	CHKD: check_by
	APP'D: approve	APP'D: approve
	DATE: 27-10-2023	DATE: 7/11/2023
	TENDER ISSUE A	TENDER ISSUE B
	A	B

ASSOCIATED DRAWINGS	
EMERGENCY DRAINAGE PLAN	151037
DRAWING INDEX	203617
KURRI KURRI SUBSTATION GENERAL ARRANGEMENT	524352

Ausgrid
145 NEWCASTLE RD WALLSEND, NSW 2287

SCALE	1:250
DESIGNED	DENNIS COURTNEY
DRAWN	RAY DEAL
CHECKED	DENNIS COURTNEY
APPROVED	ROSS HUGHES
DATE	17/09/09
PROJECT NUMBER	SJ-5559
PROJTRAK NUMBER	

TS 404 KURRI KURRI
132/33kV SUBSTATION
SITE PLAN

SIZE	DRAWING No	SHEET	AMD
B1	203601	1	B

20110923

203601-1.dgn 7/11/2023 11:05:41 AM

TENDER ISSUE

CAD DRAWING STANDARD DRAWING	AMENDMENTS
2024.1022	

LAYOUT OF EQUIPMENT	169441-1

ASSOCIATED DRAWINGS

Ausgrid

42 HONEYSUCKLE DRIVE,
NEWCASTLE WEST NSW 2300

SCALE	1:250
DESIGNED	designed_by
DRAWN	drawn_by
CHECKED	checked_by
APPROVED	authorised_by
DATE	authorised_date
PROJECT NUMBER	NC-01006-1
TRIM REF NUMBER	

ZN 526 ROTHBURY
132 / 11kV SUBSTATION
SITE ARRANGEMENT

SIZE	DRAWING No	SHEET	REV
A0	169891	1	A

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169891-1.dgn 10/04/2025 9:44:59 AM