SARGEANT PLANNING

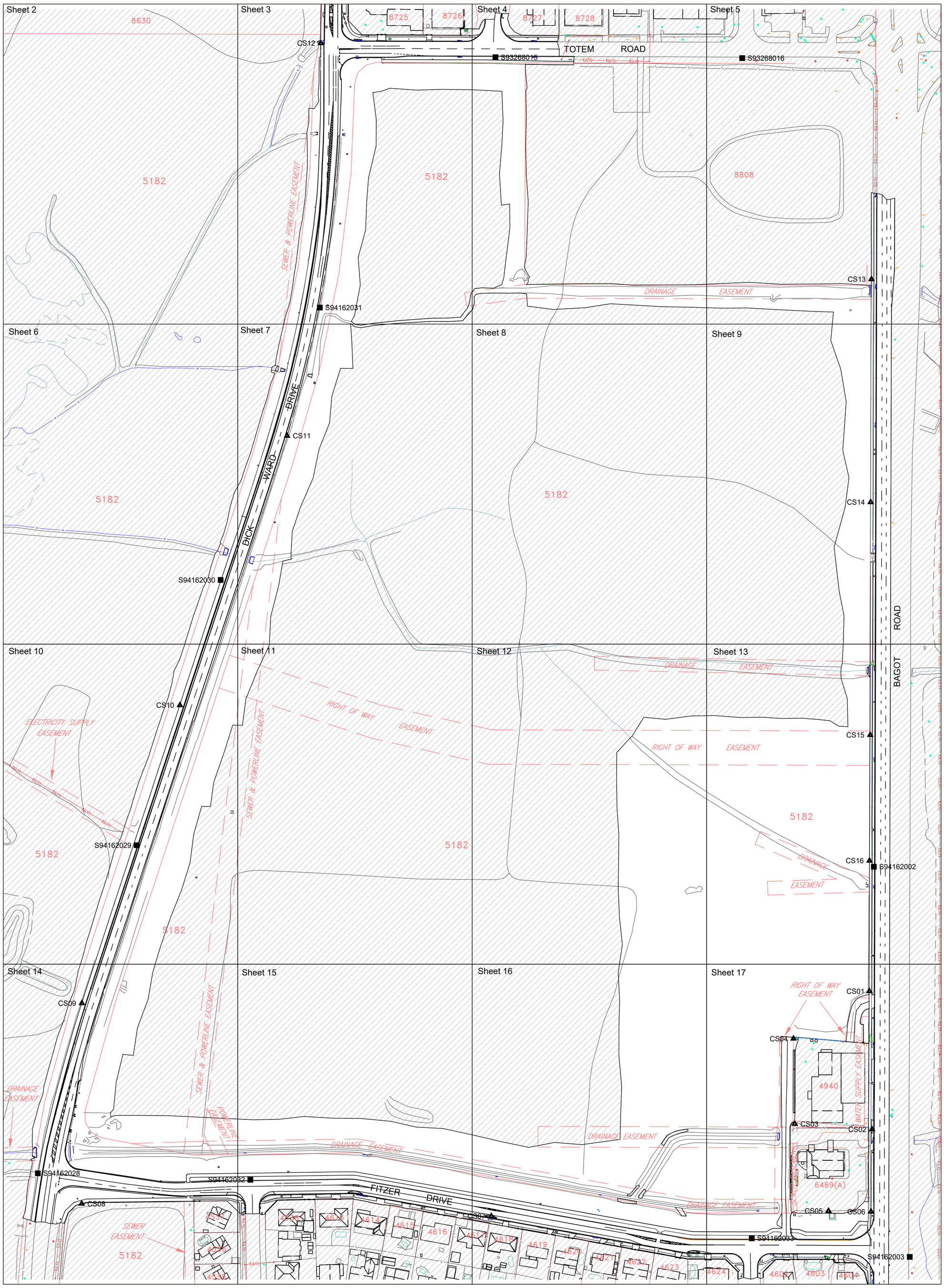
Attachment 10 - Site Survey, prepared by Cross Solutions, dated 6 August 2025.

November 2025

N

LEGEND

DLPE Data



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A	KW	08/08/2025	FINAL	MB

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TOPOGRAPHIC SURVEY
2025-0222
BAGOT ROAD RETAIL
LOT 5182, TOWN OF DARWIN

JOB No:	CLIENT:	DRAWING No:	REV	SHEET No:	
2025-0222	JAPE GROUP	T-2025-0222-01	A	1 of 18	A1

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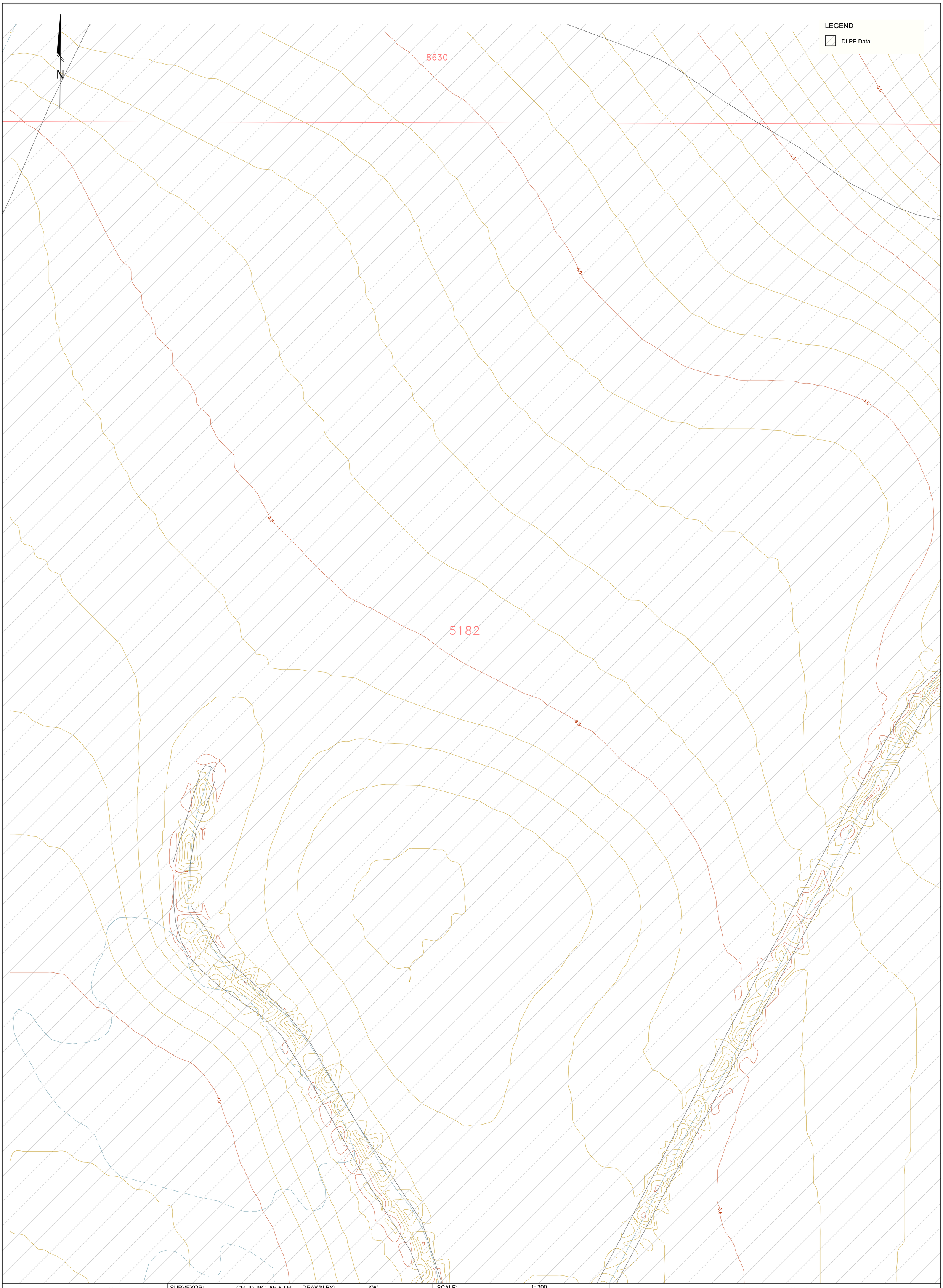

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TOPOGRAPHIC SURVEY
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JOB No:	CLIENT:	DRAWING No:	REV	SHEET No:	
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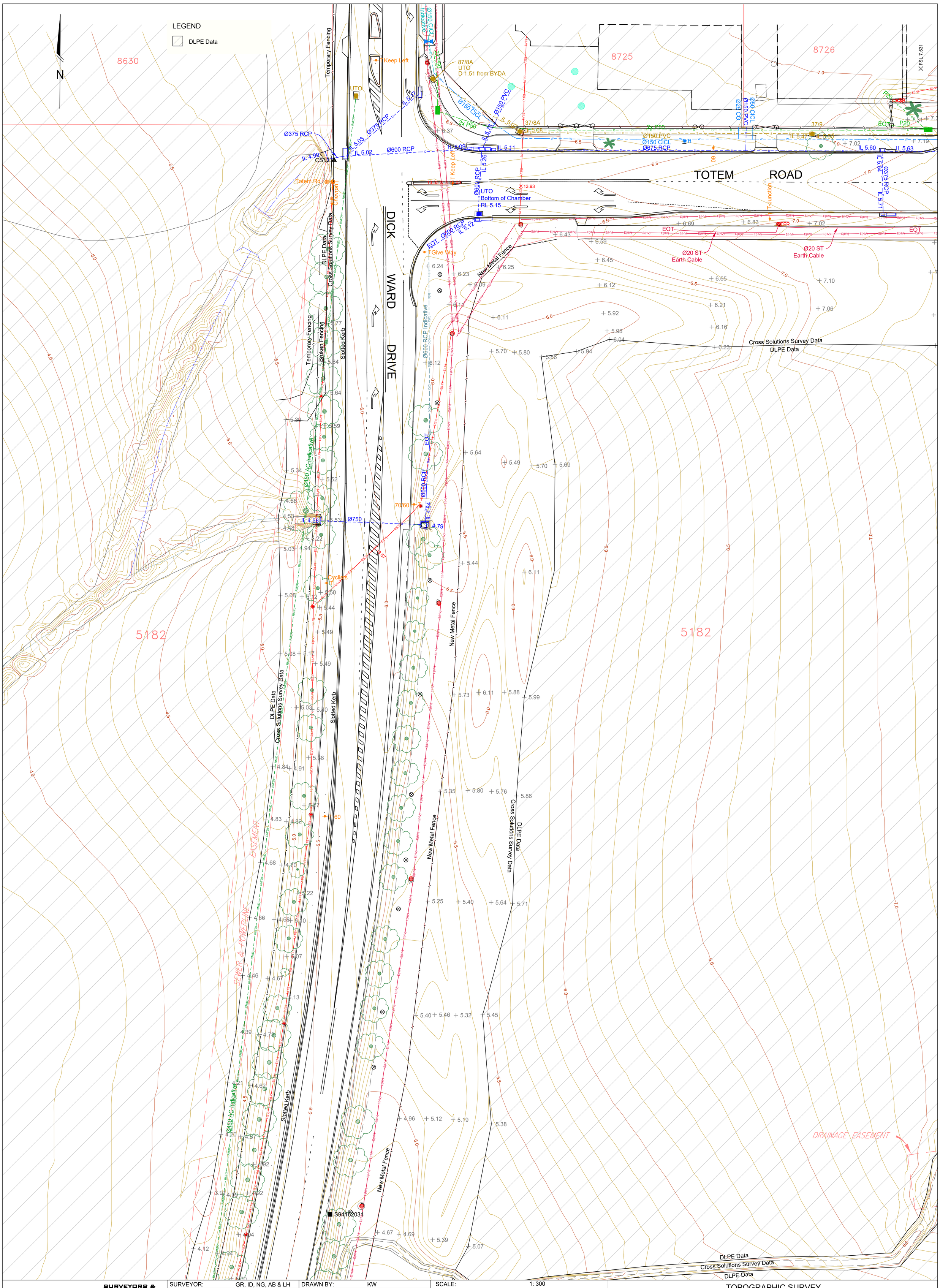

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LOT 5182, TOWN OF DARWIN

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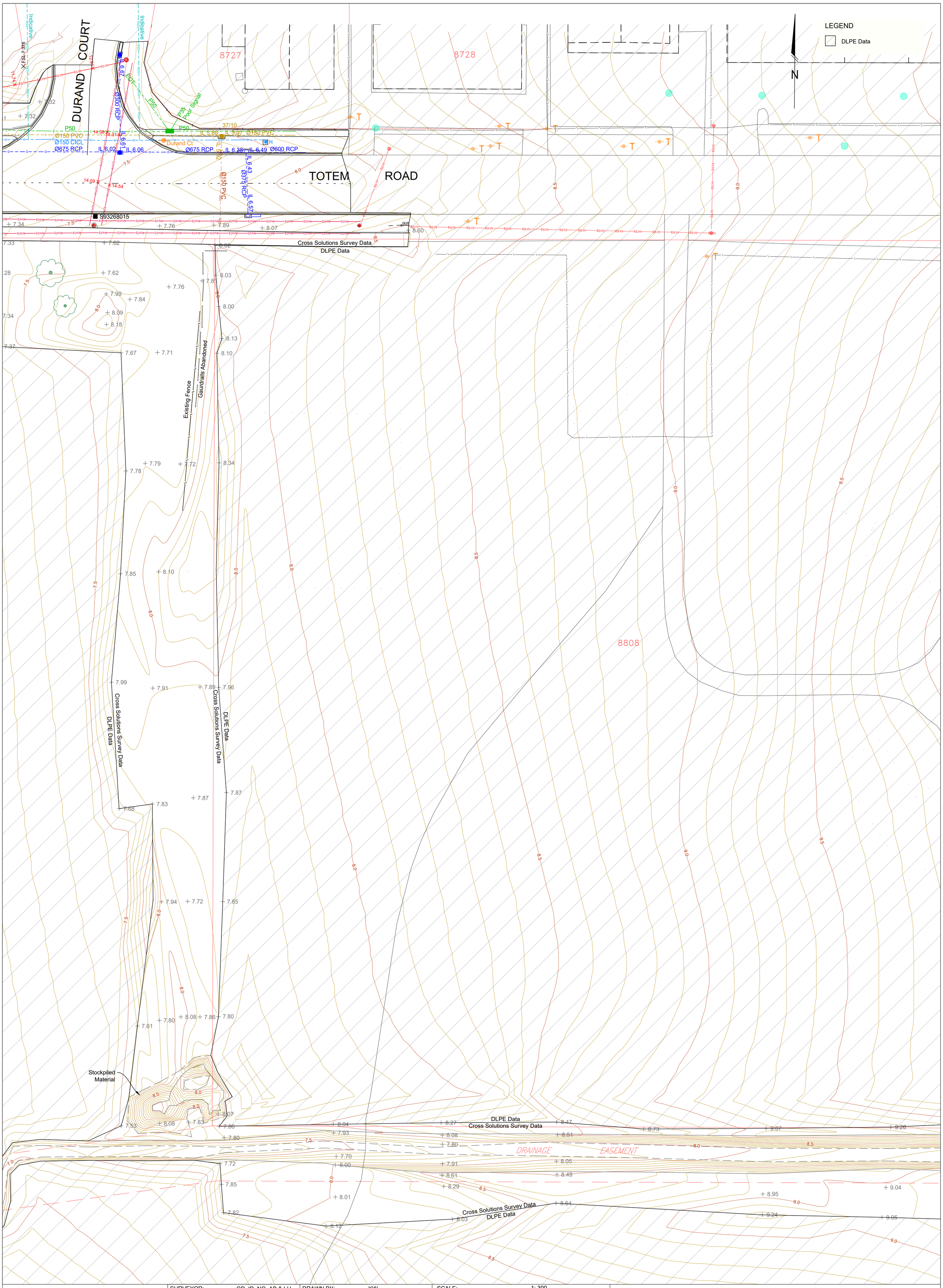

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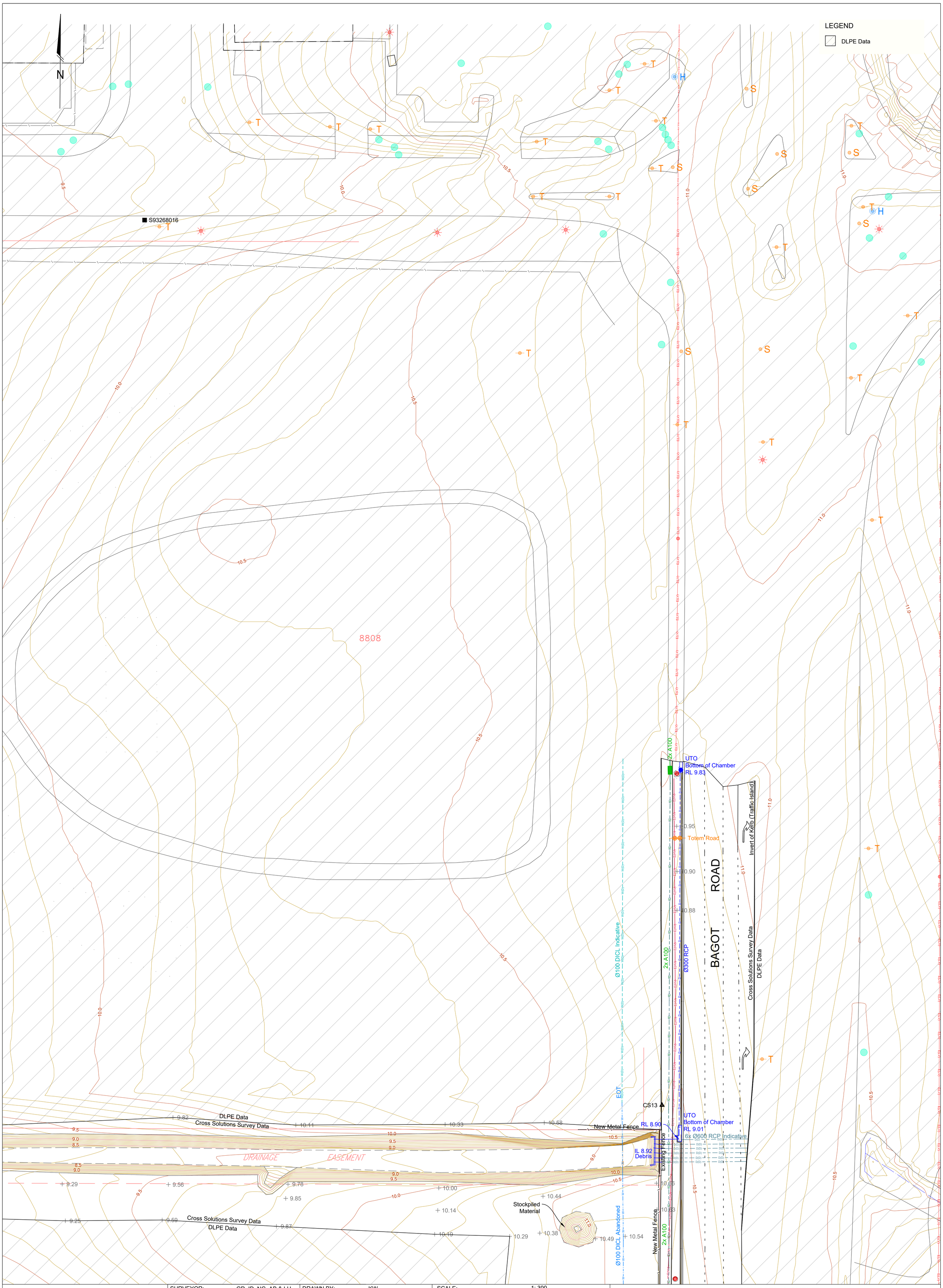

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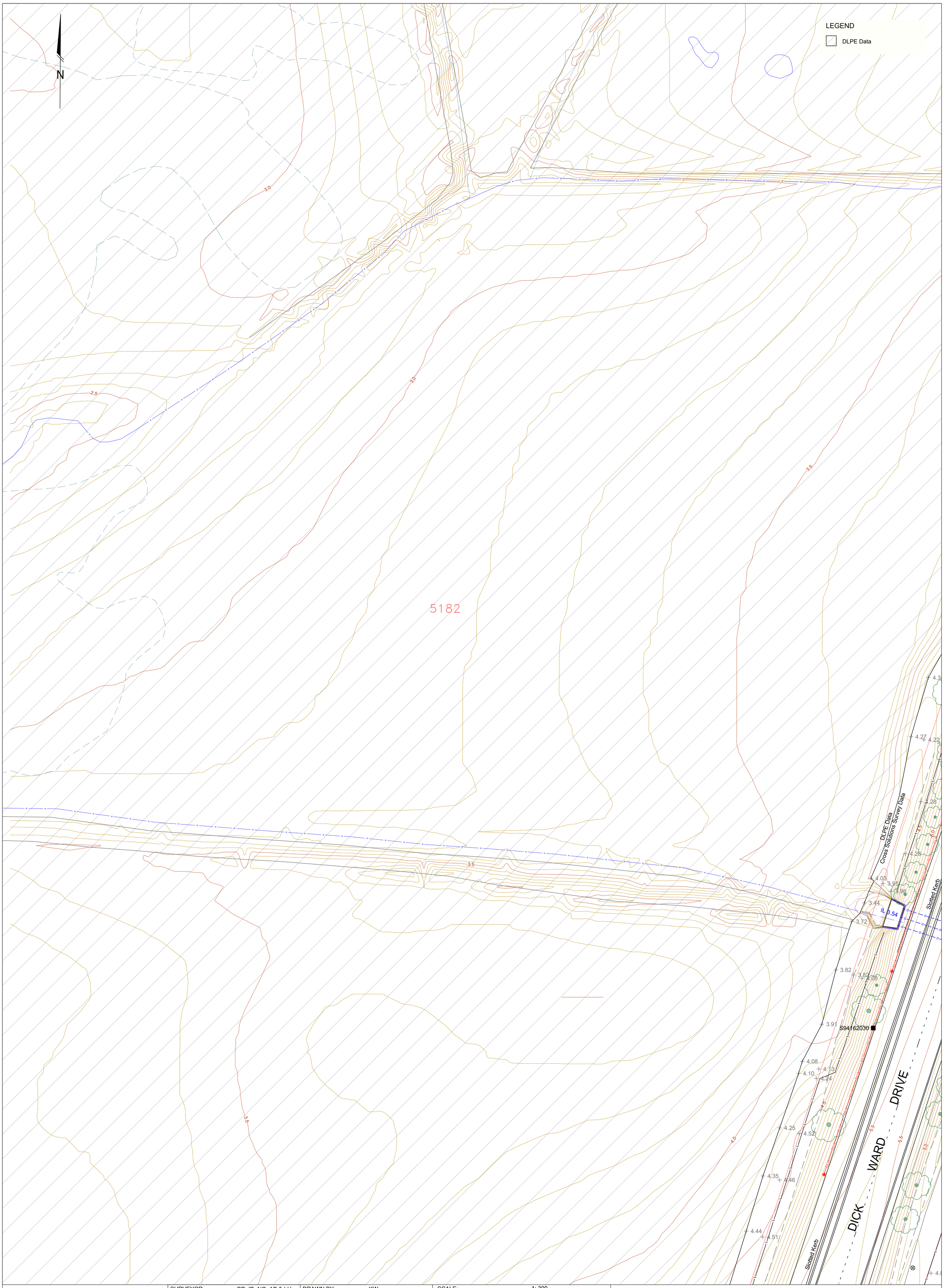

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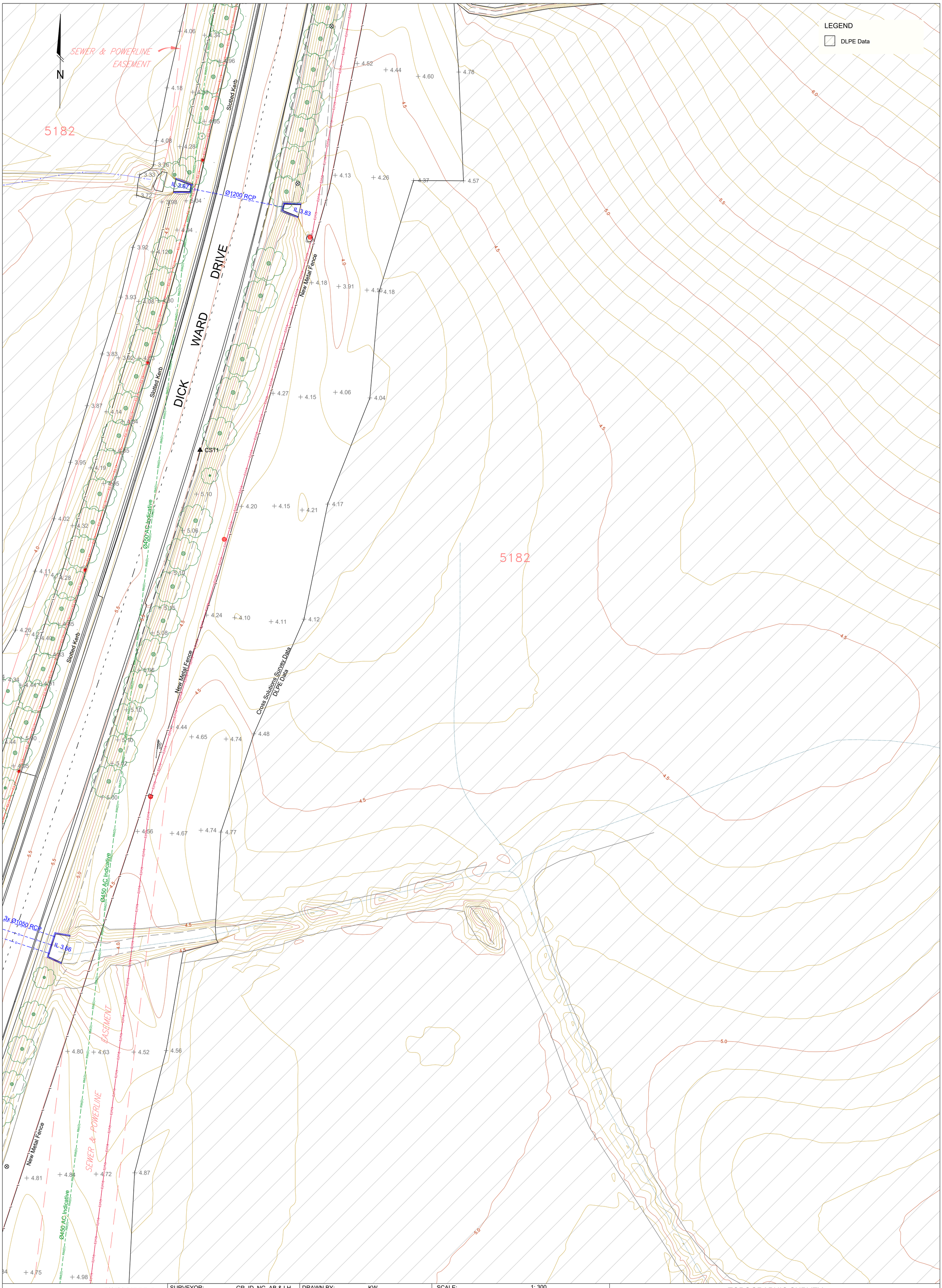

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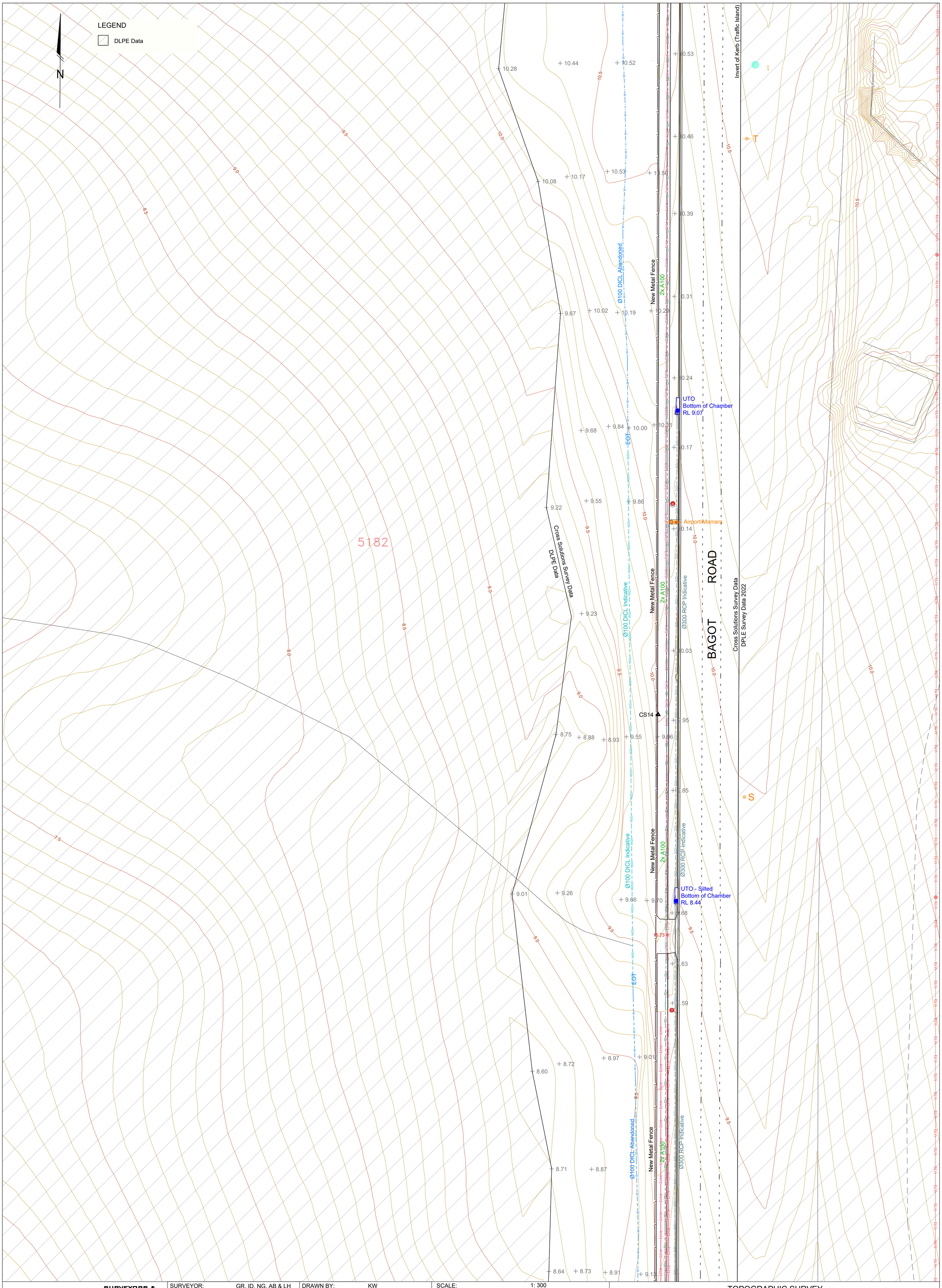

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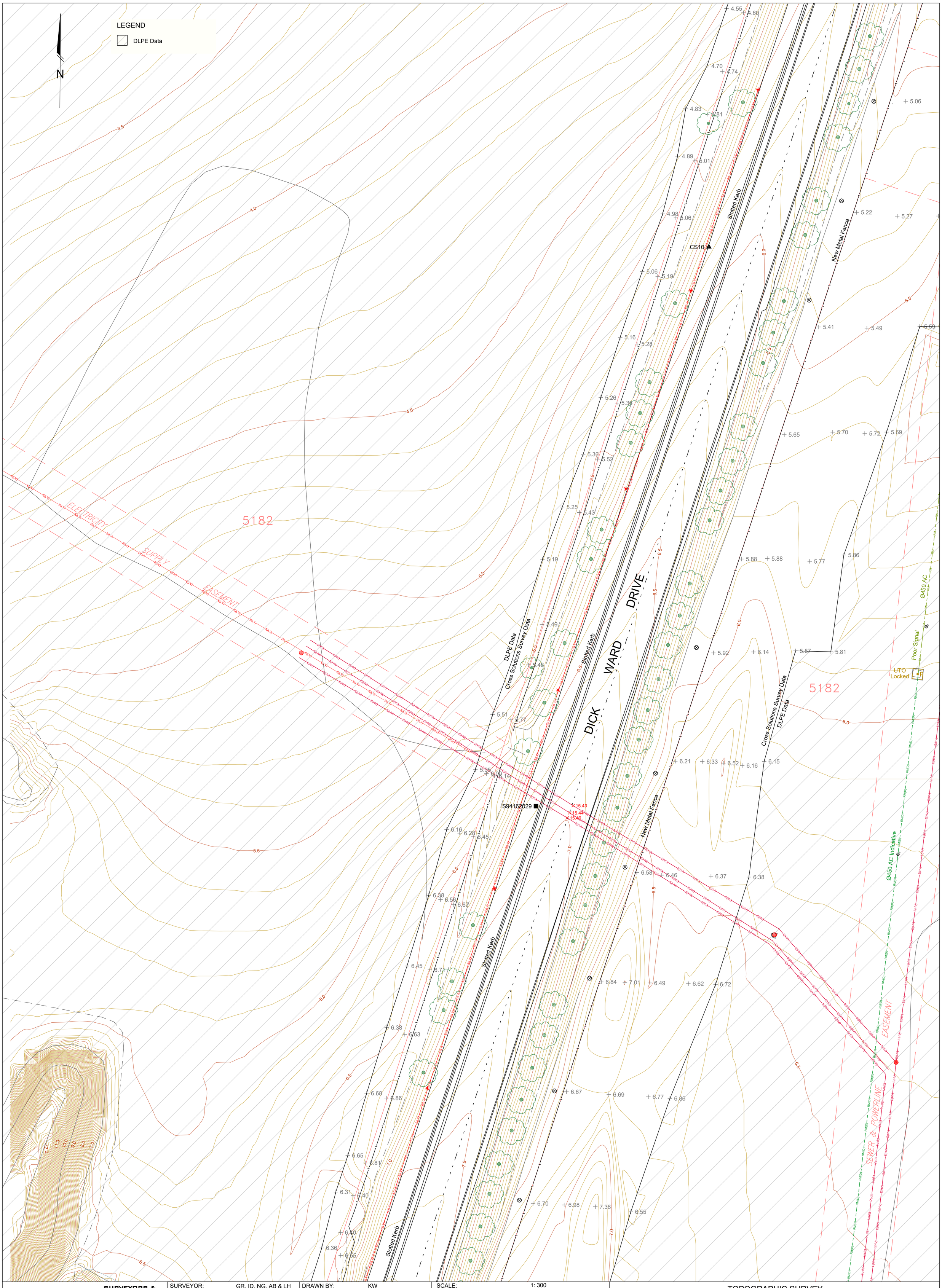

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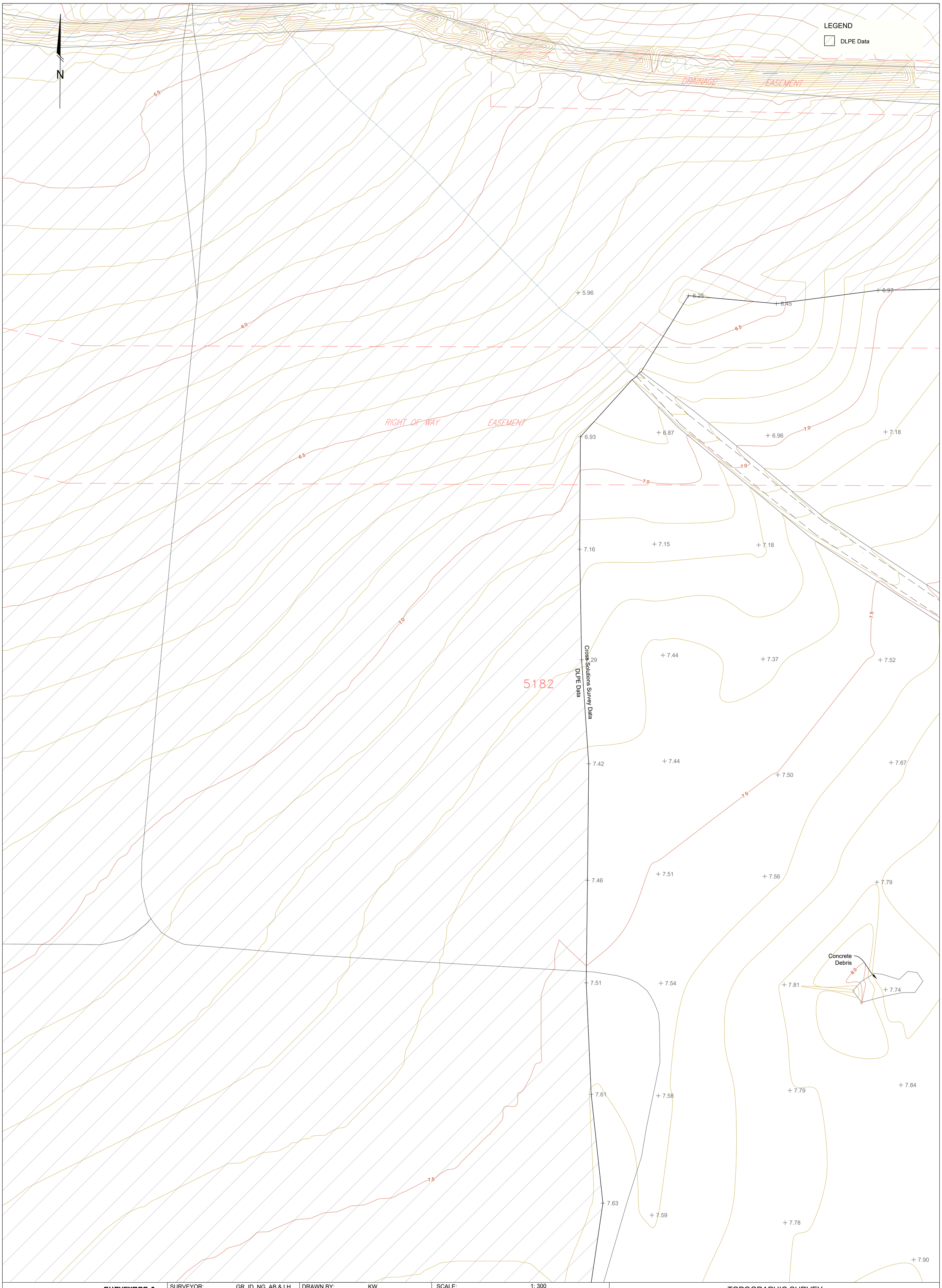

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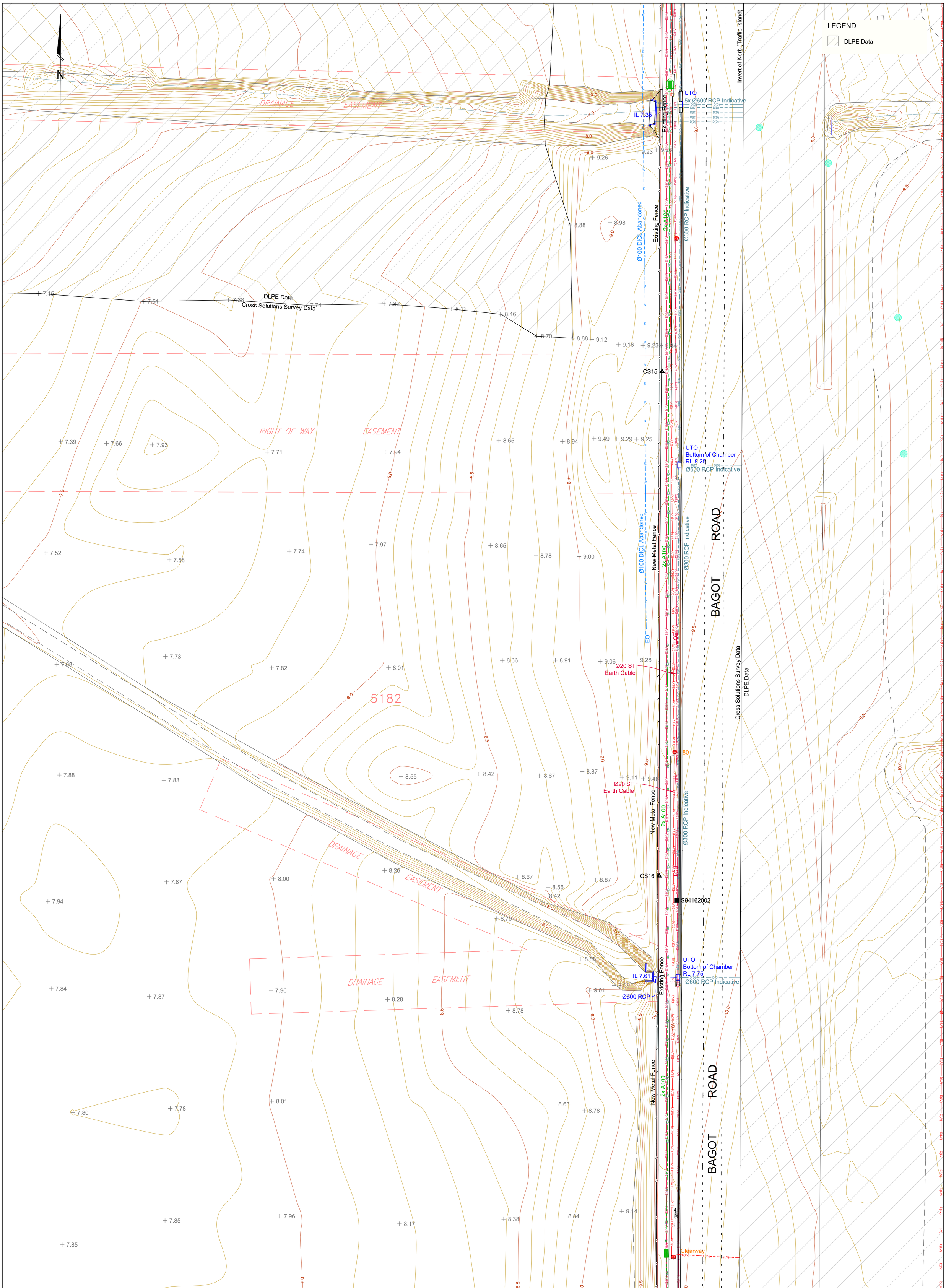

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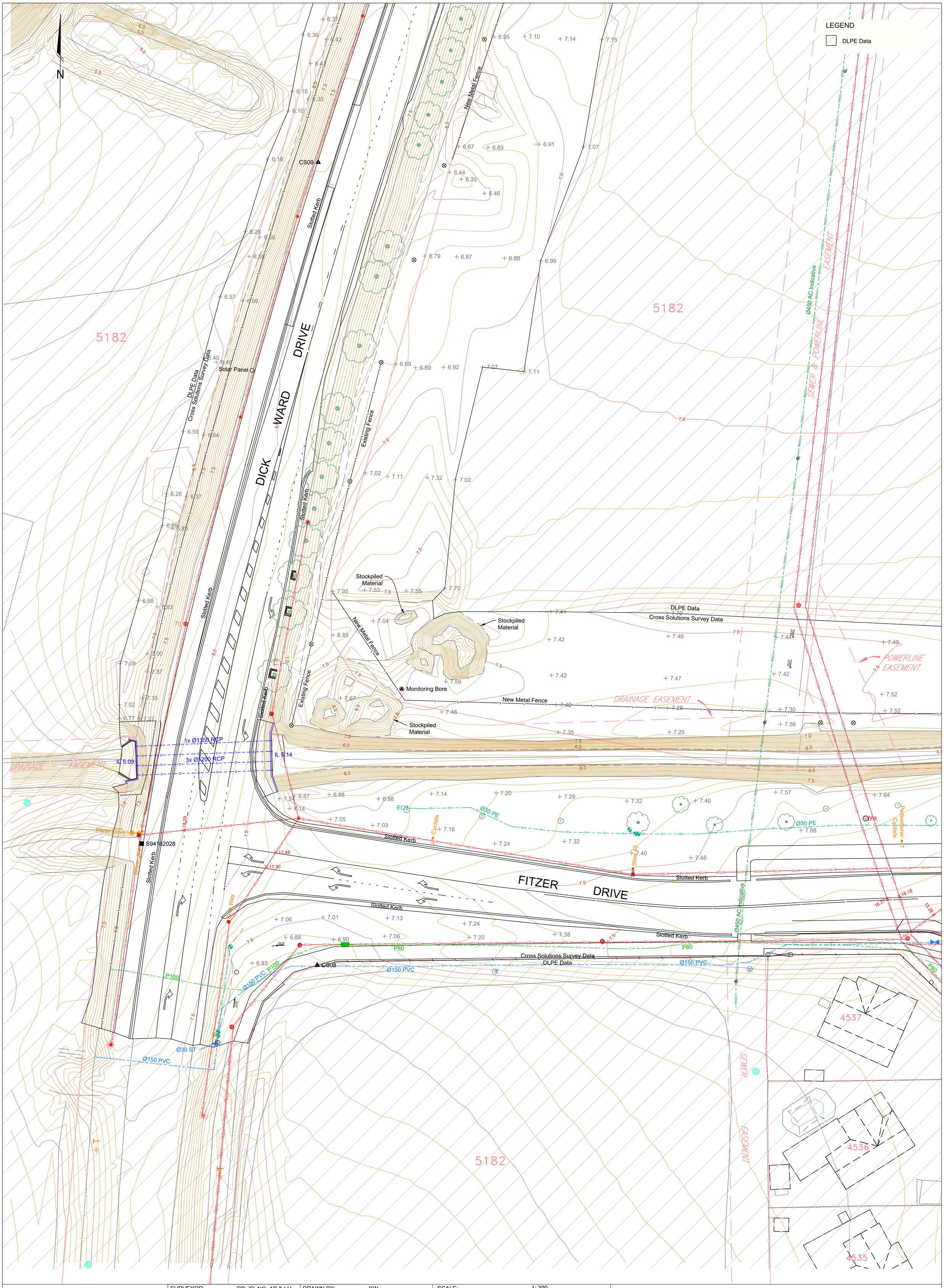

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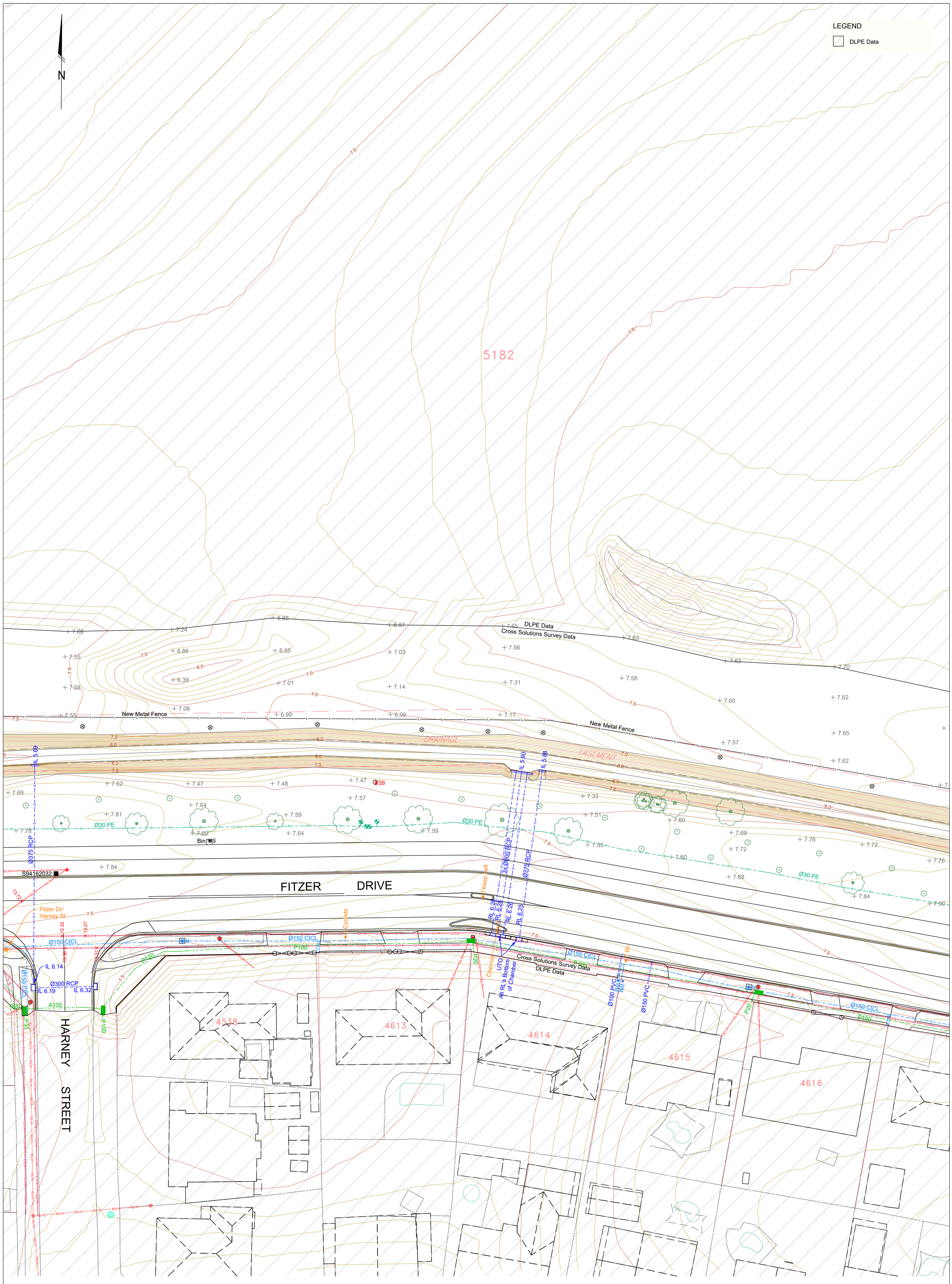

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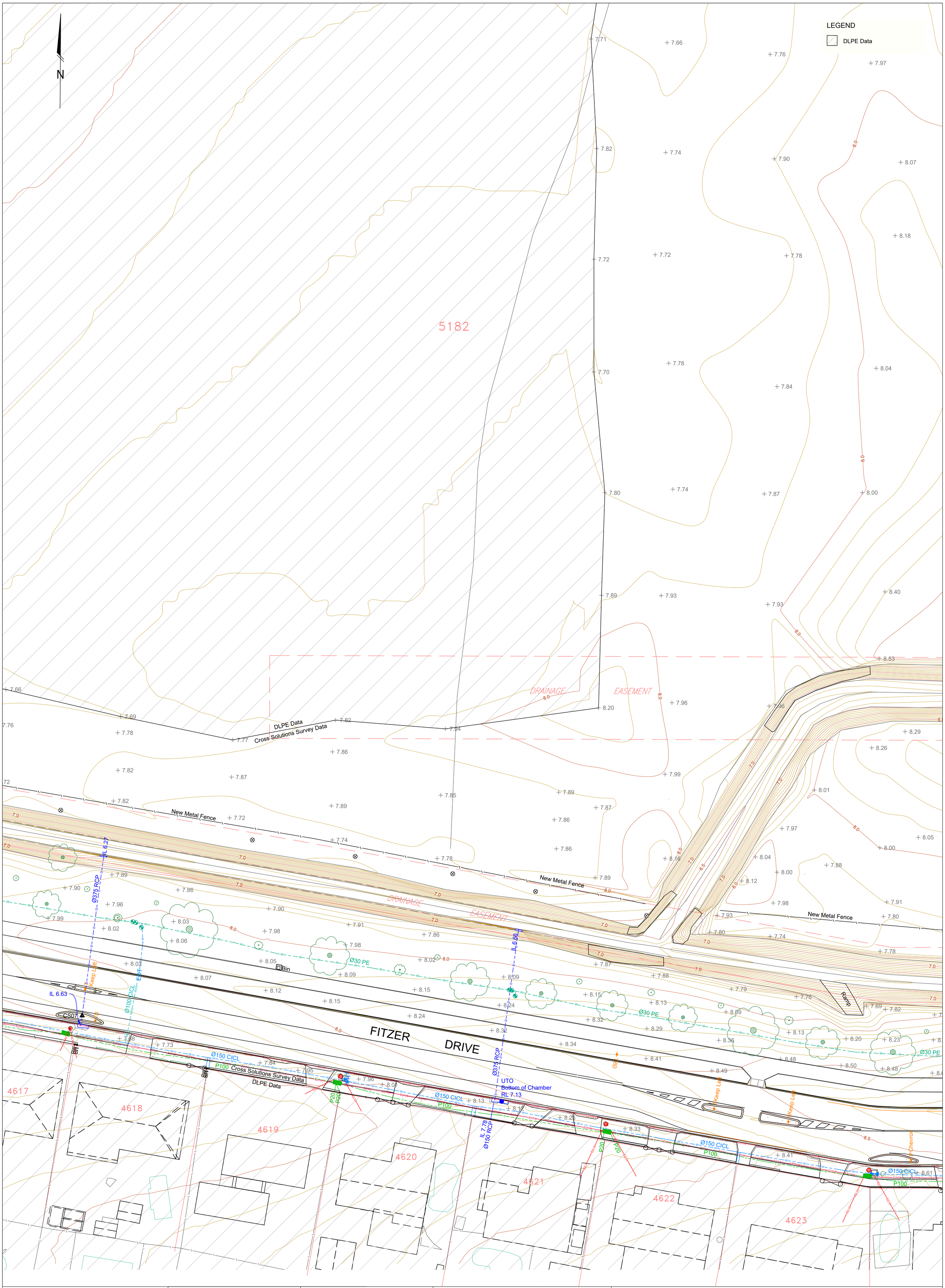

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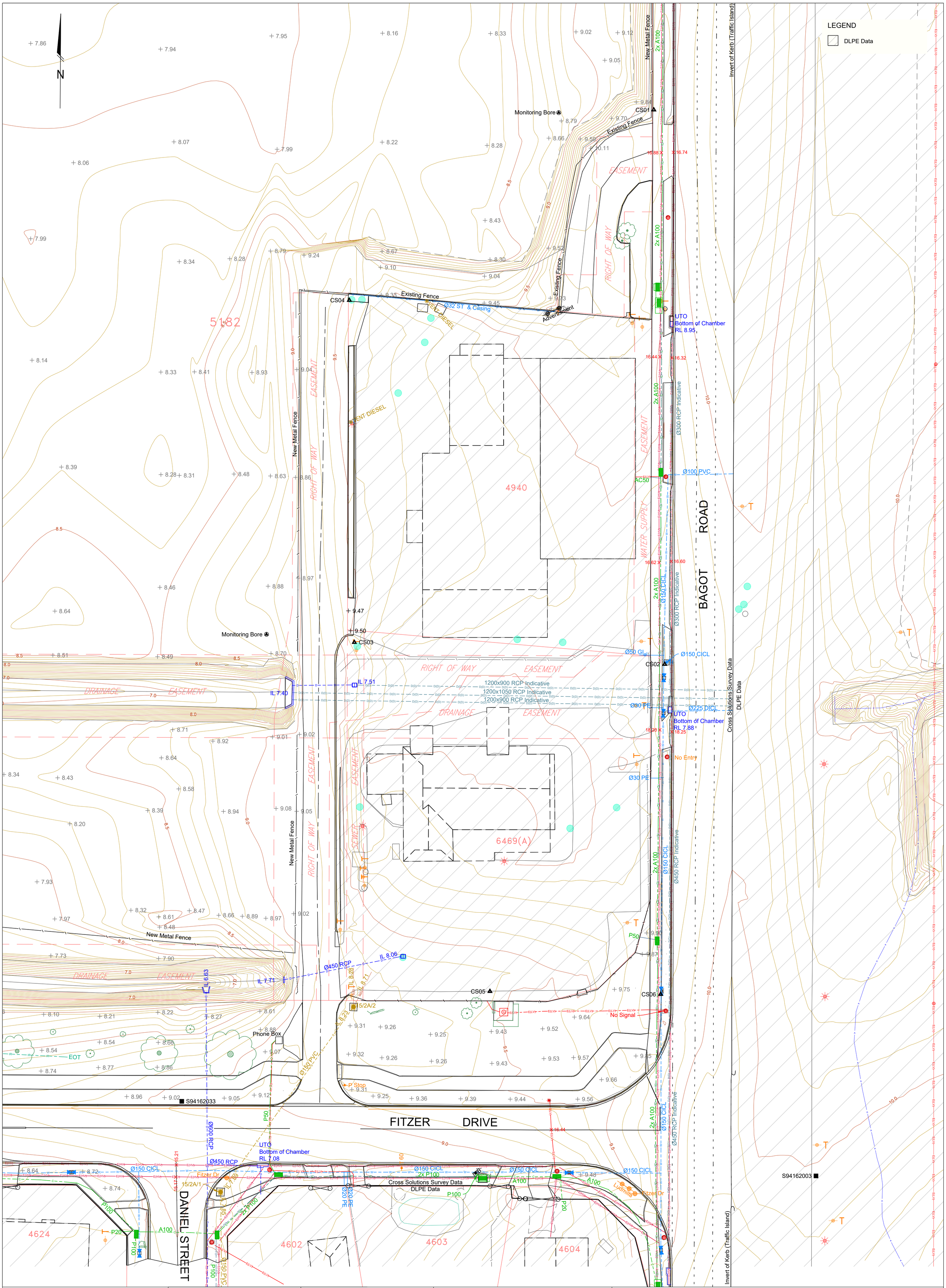

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COORDINATE SYSTEM: MGA 94 ZONE 52
LEVEL DATUM: AHD
CONTOUR INTERVAL: 0.1 m

6 0 6 12 18
metres

TOPOGRAPHIC SURVEY
2025-0222
BAGOT ROAD RETAIL
LOT 5182, TOWN OF DARWIN

JOB No:	CLIENT:	DRAWING No:	REV	SHEET No:	
2025-0222	JAPE GROUP	T-2025-0222-01	A	17 of 18	A1

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AIR CONDITIONING

- DAMPERS
- DUCTS ABOVE GROUND — AC
- DUCTS BELOW GROUND — AC
- DUCTS BELOW GROUND INDICATIVE — AC(D)
- EXTRACTION HOODS, FUME CUPBOARDS
- HEATER
- PIPE CHILLED WATER — FL
- PLANT & EQUIPMENT — AC
- VENTS

AIRPORT

- AIRFIELD BEACON
- AIRFIELD LIGHT CABLING — LI
- AIRFIELD LIGHT CABLING INDICATIVE — LI(D)
- AIRFIELD LIGHT MANHOLE
- AIRFIELD REFERENCE POINT
- AIRFIELD LIGHTING
- EARTHING POINT
- GABLE MARKER
- GRASS AIRSTRIP/LANDING GROUND
- LIGHTNING MAST — LM
- RUNWAYS HIGH STRENGTH
- SEALED RUNWAYS
- TIE DOWN POINT
- T-VASIS AND PAPI BOXES
- UNSEALED RUNWAYS, TAXIWAYS AND APRONS
- VISUAL APPROACH AIDE
- WINDSOCK

COMPRESSED AIR

- COMPRESSOR PLANT
- MANHOLE — AM
- OUTLET — O
- PIPE ABOVE GROUND — CA
- PIPE UNDER GROUND — CA
- PIPE UNDER GROUND INDICATIVE — CA(D)
- PIT — P
- REGULATOR — R
- VALVE — AV

COMMUNICATION

- CABLE AG — C
- CABLE UG — C
- CABLE UG ABANDONED — C
- CABLE UG INDICATIVE — C(D)
- CABLE MARKER — DU
- EARTH STAKE
- FIBRE OPTIC CABLE UG — FO
- FIBRE OPTIC CABLE UG INDICATIVE — FO(D)
- JUNCTION BOX PIT
- MANHOLE
- PILLAR
- POLE
- PUBLIC TELEPHONE — TEL
- TELEPHONE CABLE A/G — T
- TELEPHONE CABLE U/G — T
- TELEPHONE CABLE U/G INDICATIVE — T(D)
- SATELLITE DISH

DRAINAGE

- DOWNPIPE — DP
- GABION / ROCK PROTECTION LAYER
- GRATED DRAIN
- GRATED PIT
- INSPECTION OPENING — IP
- KERB OUTLET — KO
- MANHOLE
- OPEN UNLINED DRAIN — >
- PIPE ABOVE GROUND — D
- PIPE UNDER GROUND — D
- PIPE UNDER GROUND INDICATIVE — D(D)
- STONE PITCHING
- SUB SURFACE DRAIN — SS
- TRAP GULLY — GLT
- TRAP GREASE — GT

FIRE CONTROL

- EXTINGUISHER
- HOSE BOX REEL — HB

ELECTRICITY

- CABLE MARKER
- HIGH VOLTAGE CABLE ABOVE GROUND — E(HV)
- HIGH VOLTAGE CABLE UNDER GROUND — E(HV)
- HIGH VOLTAGE CABLE U/G INDICATIVE — EHV(D)
- LOW VOLTAGE CABLE ABOVE GROUND — E(LV)
- LOW VOLTAGE CABLE UNDER GROUND — E(LV)
- LOW VOLTAGE CABLE U/G INDICATIVE — ELV(D)
- CABLE UG ABANDONED — E
- EARTH CABLE
- EARTH CABLE INDICATIVE
- GENERATOR
- POWER POLE
- LIGHT POLE
- FLOOD LIGHT — F
- TRANSFORMER OVERHEAD — TFR
- JUNCTION BOX PIT
- MANHOLE
- OUTLET — O
- POWER/FUSE BOARD — FB
- ELECTRICAL CABLE BOX/PILLAR
- EARTH STAKE
- SUBSTATION
- SWITCHBOARD — SB

FUEL

- EARTH POINT
- FILLING POINT — FP
- FUEL PIT
- PIPE ABOVE GROUND — FU
- PIPE UNDER GROUND — FU
- PIPE UNDER GROUND INDICATIVE — FU(D)
- PUMP/BOWSER — FB
- VALVE
- TANK
- VENT — VENT

GAS

- BOTTLED GAS
- CATHODE PROTECTION POINT
- METER
- PIPE ABOVE GROUND — G
- PIPE UNDER GROUND — G
- PIPE UNDER GROUND INDICATIVE — G(D)
- GAS PIT
- VALVE
- LPG TANK

ROAD

- CROWN
- SEALED ROAD
- UNSEALED ROAD
- GUIDE POST — GP
- GUARDRAIL / BARRIER
- SPOT HEIGHT — + 0.00
- SHOULDER
- TACTILE PAVEMENT

RAILWAY

- BALLAST
- PLATFORM
- SIGNAL — S
- SIGNAL CONTROL BOX/BOARD — SC
- TRACK

SEWER

- INSPECTION OPENING — IP
- MANHOLE
- PIPE ABOVE GROUND — S
- PIPE UNDER GROUND — S
- PIPE UNDER GROUND INDICATIVE — S(D)
- RISING MAIN ABOVE GROUND — RM
- RISING MAIN UNDER GROUND — RM
- RISING MAIN UNDER GROUND INDICATIVE — RM(D)
- ABSORPTION PIT/STRIP — AP
- SEWERAGE PIT — P
- POND
- SEWER MARKER
- PUMP STATION — SPS
- SEPTIC TANK — ST
- TRAP GREASE — GT
- VALVE
- VENT — VENT

SURVEY

- BENCHMARK
- TEMPORARY BENCHMARK
- COORDINATED REFERENCE MARK (CRM)
- ENGINEERING PEG
- SURVEY PILLAR
- SURVEY STATION
- RESECTION STATION

CADASTRE

- LOCKSPIT
- ORIGINAL CONC BLOCK (OCB)
- CADASTRAL PEG (OP)
- REFERENCE MARK
- REFERENCE MARK GONE
- ORIGINAL CONCRETE POST (OCP)
- CADASTRAL BOUNDARY
- EASEMENT
- PARCEL NUMBER — 286

TRAFFIC

- TRAFFIC CABLE AG — TL
- TRAFFIC CABLE UG — TL
- TRAFFIC CABLE UG INDICATIVE — TL(D)
- TRAFFIC LIGHT CONTROL BOX — C
- TRAFFIC LIGHT
- TRAFFIC MIRROR — MIR
- PARKING METER
- PARKING SIGN — P
- PARK TICKET DISPENSER — TD
- TRAFFIC SENSOR — S
- TRAFFIC SIGN — T
- STREET NAME SIGN — STREET NAME
- TRAFFIC LINE BROKEN
- TRAFFIC LINE CONTINUITY
- TRAFFIC LINE DOUBLE
- TRAFFIC LINE HOLD
- TRAFFIC LINE MULTI-LANE
- TRAFFIC LINE OUTLINE
- TRAFFIC LINE PEDESTRIAN
- TRAFFIC LINE SINGLE BARRIER
- TRAFFIC LINE STOP
- TRAFFIC LINE TURN
- TRAFFIC LINE UNBROKEN

TOPOGRAPHIC

- BANK BOTTOM
- BANK TOP
- CULTURAL HERITAGE AREA
- GRADE CHANGE
- NATURAL SURFACE — + 0.00
- ROCK
- SANDHILL / DUNE
- WATERCOURSE
- EDGE OF WATER
- SWAMP
- WATER LEVEL — WL 0.00

VEGETATION

- CULTIVATION / ORCHARD / PLANTATION
- EDGE OF VEGETATION
- GARDEN BED / LANDSCAPING
- LAWN
- MANGROVES
- PALM TREE
- SHRUB — SHR
- STUMP — ST
- TREE

STRUCTURE

- AWNING/COVERED WAYS
- BARBECUE — BBQ
- BOLLARD — B
- BUILDING
- CLOTH HOIST / LINE
- COLUMN SUPPORT — CS
- EDGE OF CONCRETE
- SERVICE DUCT ABOVE GROUND — SD
- SERVICE DUCT UNDER GROUND — SD
- FENCE LINE
- FENCE POST
- FINISH SURFACE LEVEL — FSL 0.000
- FINISH FLOOR LEVEL — FFL 0.000
- FLAG POLE — FP
- GATE
- BOOM GATE
- GEO TEST PIT — TP
- GRID STOCK
- GUY WIRE — GUY
- LITTER BIN — LB
- MAIL BOX — MB
- MAST / PYLON
- MONITORING WELL
- MONUMENT — M
- PLAYGROUND
- POST/POLE
- RAILING
- RAMP
- RETAINING WALL
- ROOF LINE / EAVES
- SEAT
- SIGN — SA
- SOLAR ABSORBER PANEL
- SPORT FACILITY
- SWIMMING POOL
- TIDE GAUGE — TG
- TOWER/AERIAL
- WALL
- WINDMILL
- UNKNOWN MANHOLE
- UNKNOWN LINE ABOVE GROUND — UN
- UNKNOWN LINE UNDER GROUND — UN
- UNKNOWN LINE UNDER GROUND INDICATIVE — UN(D)

WATER SUPPLY

- BORE / WELL — B
- EYE WASH FACILITY — EW
- DRINK FOUNTAIN — DF
- HOUSE BOX REEL — HB
- HYDRANT BOOSTER — HB
- HYDRANT — H
- IRRIGATION CONTROL UNIT
- IRRIGATION PIPE AG — IR
- IRRIGATION PIPE UG — IR
- IRRIGATION PIPE UG INDICATIVE — IR(D)
- SPRINKLER — S
- SOLENOID VALVE
- WATER MARKER
- WATER METER — WM
- MANHOLE — IP
- PIT
- PIPE ABOVE GROUND — W
- PIPE UNDER GROUND — W
- PIPE UNDER GROUND INDICATIVE — W(D)
- STANDPIPE — ST
- PUMP STATION — PA
- TANK — TA
- TAP — T
- VALVE AIR — AV
- VALVE SCOUR
- VALVE STOP

ABBREVIATIONS

DTB	DEPTH TO BOTTOM	PH	POTHOLE
EOS	END OF SCOPE	PS	POOR SIGNAL
EOT	END OF TRACE	SILTED	SILTED INVERT LEVEL
M/T	EMPTY	UGS	UNDERGROUND SERVICES
NFI	NO FUTURE INFORMATION	UTL	UNABLE TO LIFT
NDD	NON-DESTRUCTIVE DIGGING	UTO	UNABLE TO OPEN
OSA	OUTSIDE SURVEY AREA		

NOTES:

All visible services were located at the time of survey.

Underground services were identified through the utilization of Ground Penetrating Radar (GPR) and Electromagnetic methods, carried out by an accredited service locator.

Information contained herein is true as per date of survey

Only trees with a trunk diameter greater than 150mm at 1m height have been located.

Cadastral boundaries shown on this plan have an estimated accuracy of +/- 0.1 m.

Ortho imagery and digital level data (outside surveyed area) sourced from DLPE.

Horizontal and vertical accuracy ±0.3 m on clear ground for these datasets.

SURVEY CONTROL

Station	Easting	Northing	Level	Description
CS01	701761.678	8627536.740	10.192	NIC
CS02	701763.648	8627436.392	9.771	NIC
CS03	701707.490	8627440.358	9.928	NIC MH
CS04	701706.586	8627502.269	9.761	NIC
CS05	701732.025	8627377.177	9.326	NIK
CS06	701762.913	8627376.654	9.966	NIC
CS07	701487.101	8627373.363	7.709	NIC ISLAND
CS08	701189.584	8627382.416	6.806	NIC PATH
CS09	701189.752	8627528.056	7.958	NIB PATH
CS10	701260.951	8627744.388	5.753	SPIKE IN BIT
CS11	701338.786	8627940.044	5.507	SPIKE IN BIT
CS12	701363.313	8628225.123	6.340	NAIL IN PATH
CS13	701763.253	8628053.730	10.820	NAIL IN PATH
CS14	701762.636	8627891.851	10.015	NAIL IN PATH
CS15	701762.308	8627722.769	9.361	NAIL IN PATH
CS16	701761.778	8627631.508	9.899	NAIL IN PATH
S93268015	701490.117	8628214.955	7.473	CRM
S93268016	701669.343	8628214.312	9.910	CRM
S94162002	701764.929	8627627.114	9.847	CRM
S94162003	701791.019	8627343.771	10.186	CRM
S94162028	701157.740	8627404.470	7.960	CRM
S94162029	701229.540	8627642.750	6.767	CRM
S94162030	701290.524	8627835.375	5.149	CRM
S94162031	701362.572	8628033.175	5.488	CRM
S94162032	701312.089	8627399.790	7.780	CRM
S94162033	701676.268	8627357.273	8.992	CRM

SURVEYORS & SPATIAL CONSULTANTS CROSS SOLUTIONS
EMAIL: quotes@cross-solutions.com.au
WEB: www.cross-solutions.com.au

SURVEYOR: GR, ID, NG, AB & LH	CHECKED BY: GR, ID & AB	BAGOT ROAD RETAIL LOT 5182, TOWN OF DARWIN	
SURVEY DATE: 01-06/08/2025	JOB No: 2025-0222		
DRAWN BY: KW	APPROVED MB	CLIENT: JAPE GROUP	LEGEND & NOTES

DRAWING No: T-2025-0222-01-A | SHEET No: 18 of 18 | A3

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