DETAILED DESIGN DRAWINGS

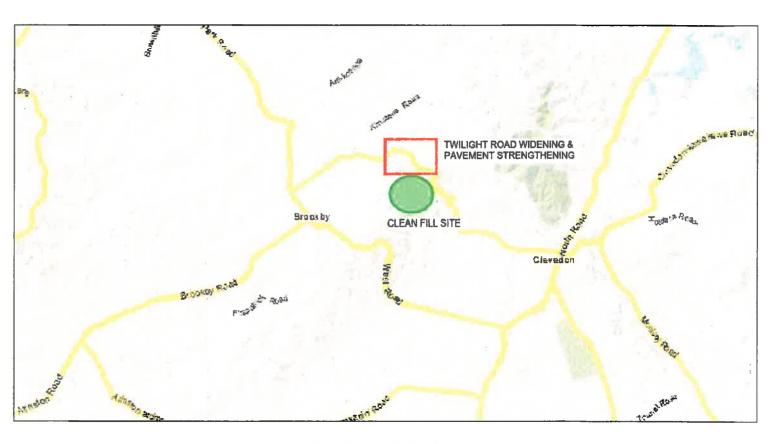
TWILIGHT ROAD WIDENING (FROM #354 TO BROOKBY CLEAN FILL SITE)

Prepared for



22 APRIL 2016





LOCALITY PLAN

DRAWING INDEX

60484182 Twilight Rd C000 60484182 Twilight Rd C0101 60484182 Twilight Rd C0102-C0106 60484182 Twilight Rd C0107-C0107 60484182 Twilight Rd C0111-C0118 60484182 Twilight Rd C0119 60484182 Twilight Rd C0201

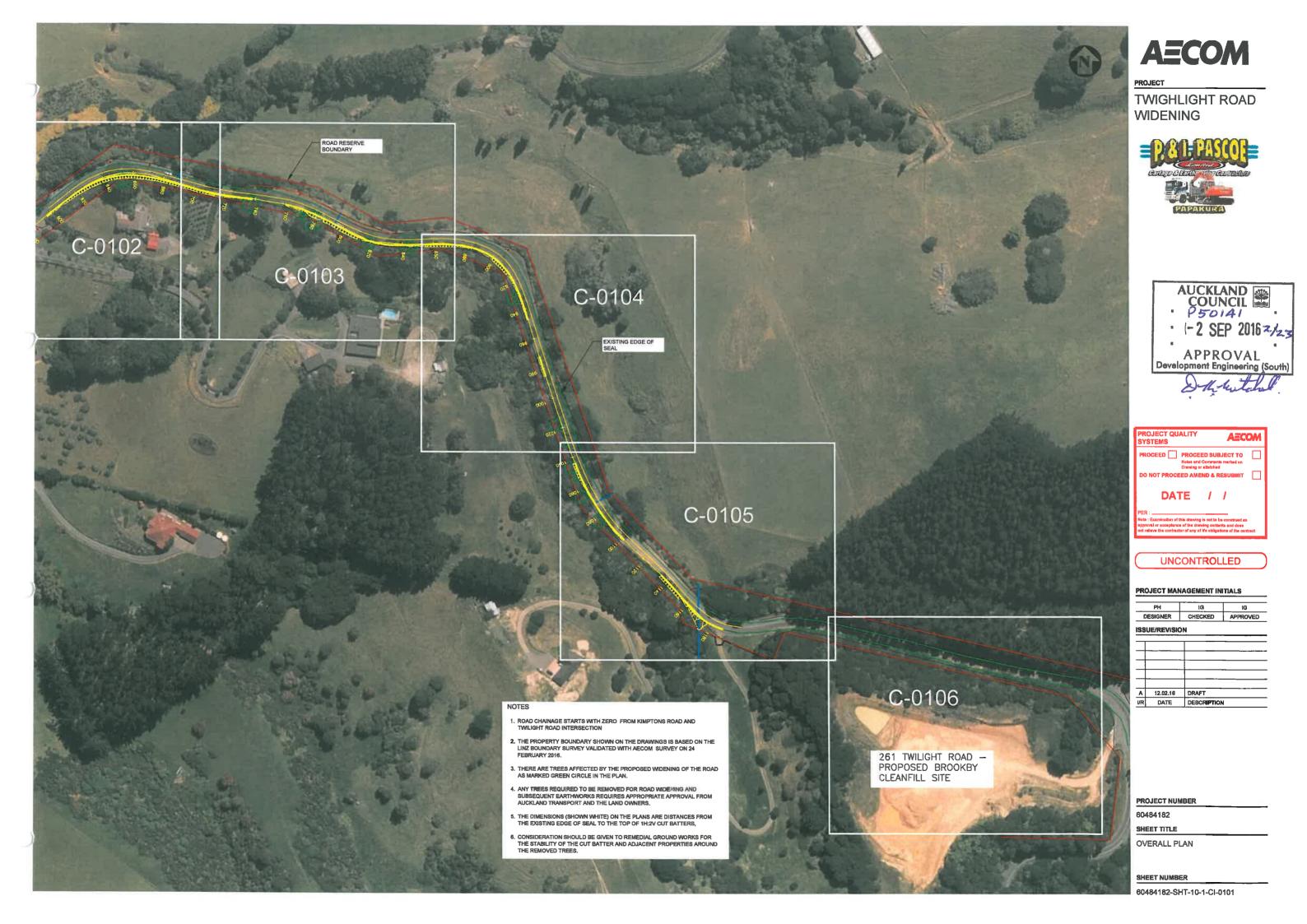
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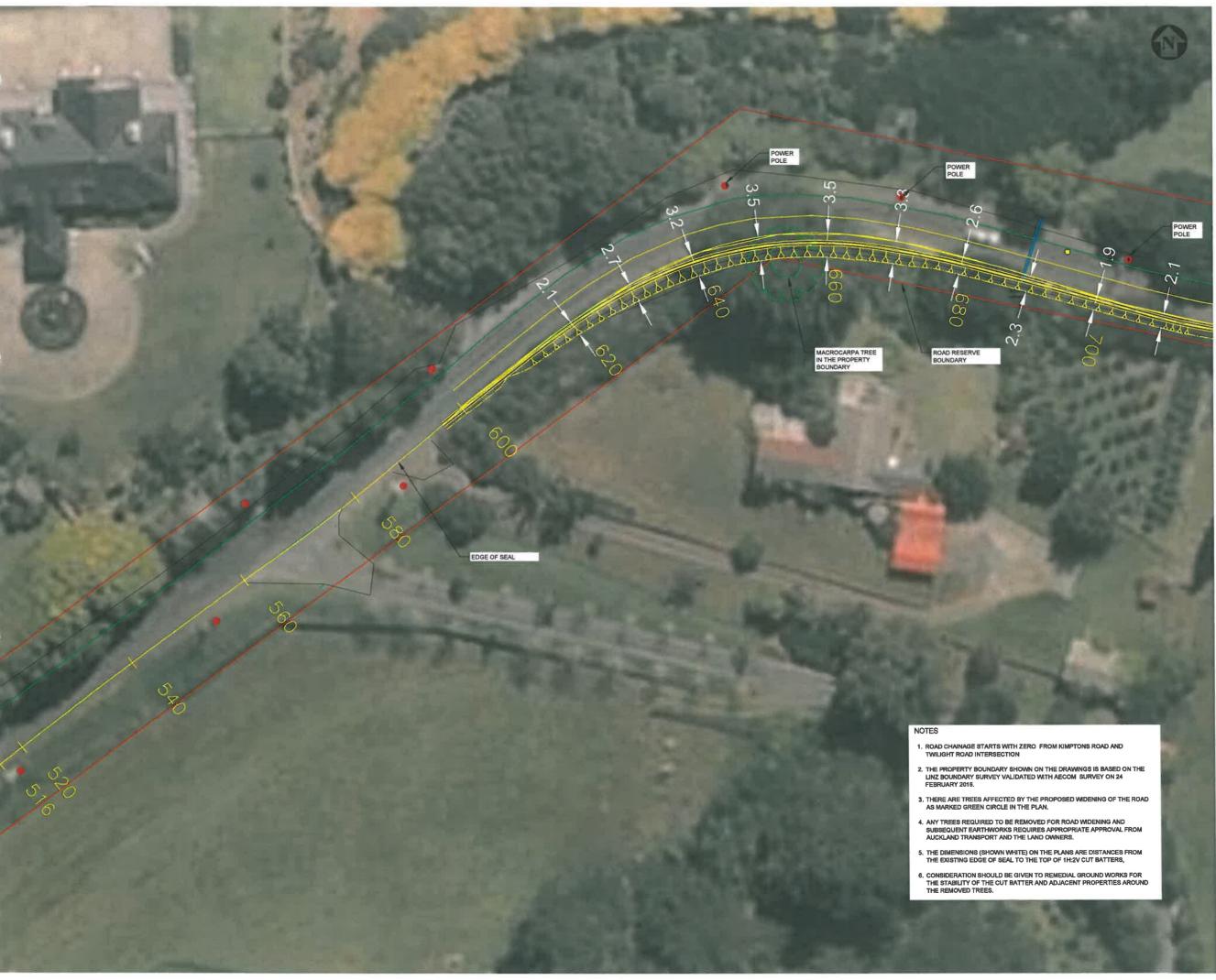
INDEX PAGE & LOCATION PLAN / INDEX GENERAL ARRANGEMENT - INDEX SHEET GENERAL ARRANGEMENT SHEET 1 TO SHEET 5 SIGHT LINES - BANK TRIMMING FOR SIGHT LINES CROSS-SECTIONS - SHEET 1 TO SHEET 8 TYPICAL CROSS-SECTION OF PAVEMENT & ROAD WIDENING STORMWATER PLAN - INDEX SHEET STROMWATER PLANS SHEET 1 TO SHEET 4

TYPICAL DETAILS - CATCHPITS & SUB-SOIL DRAINAGE



NOT FOR CONSTRUCTION











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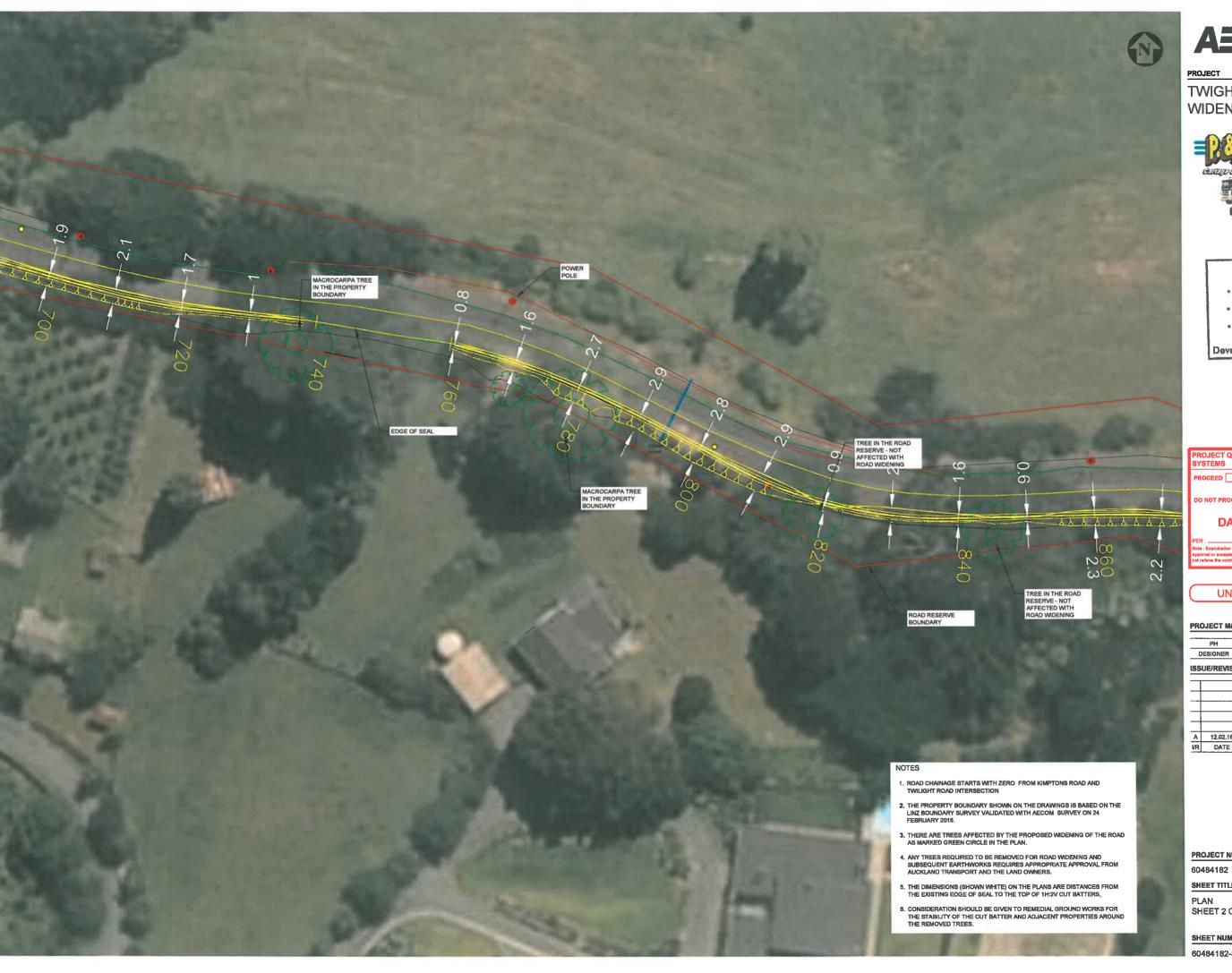
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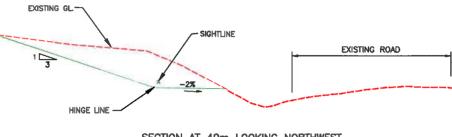
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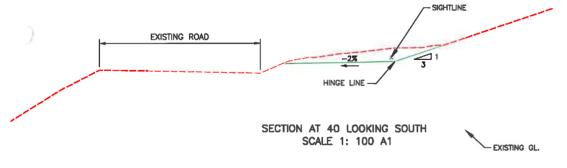
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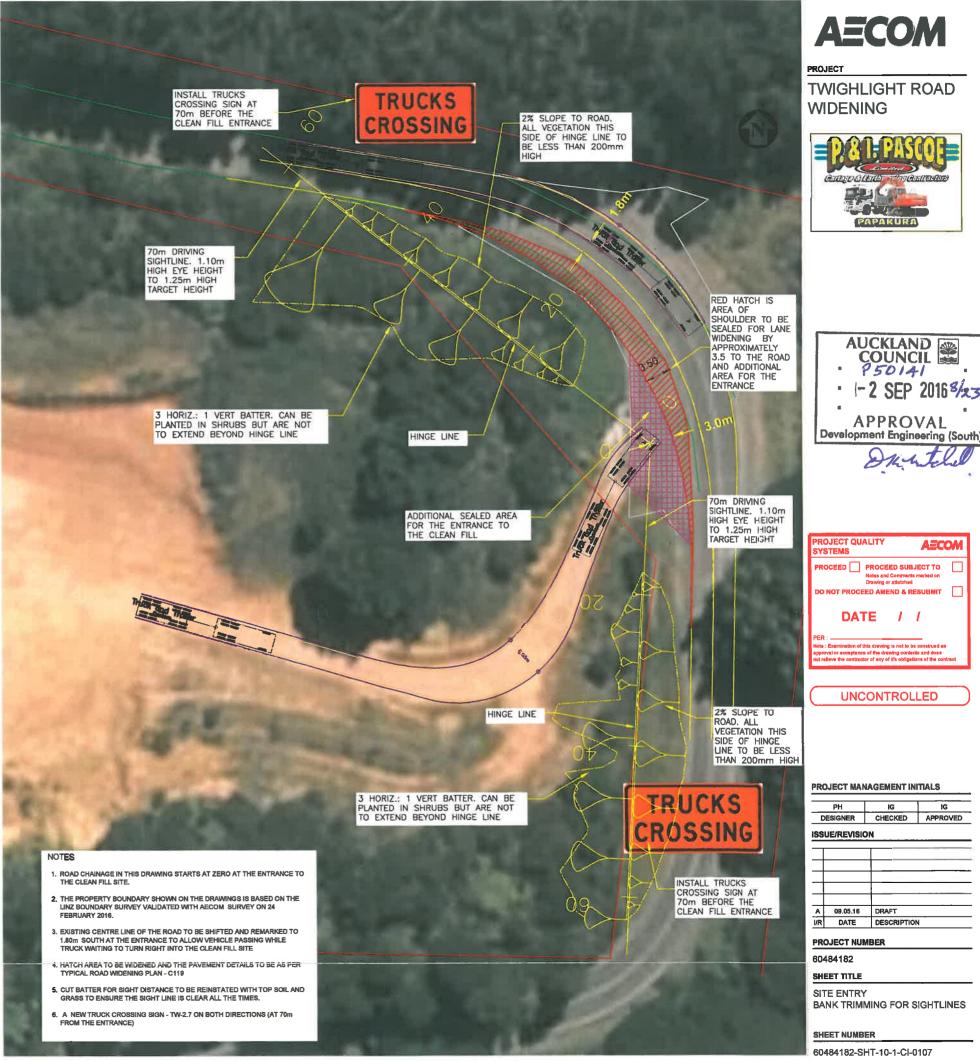
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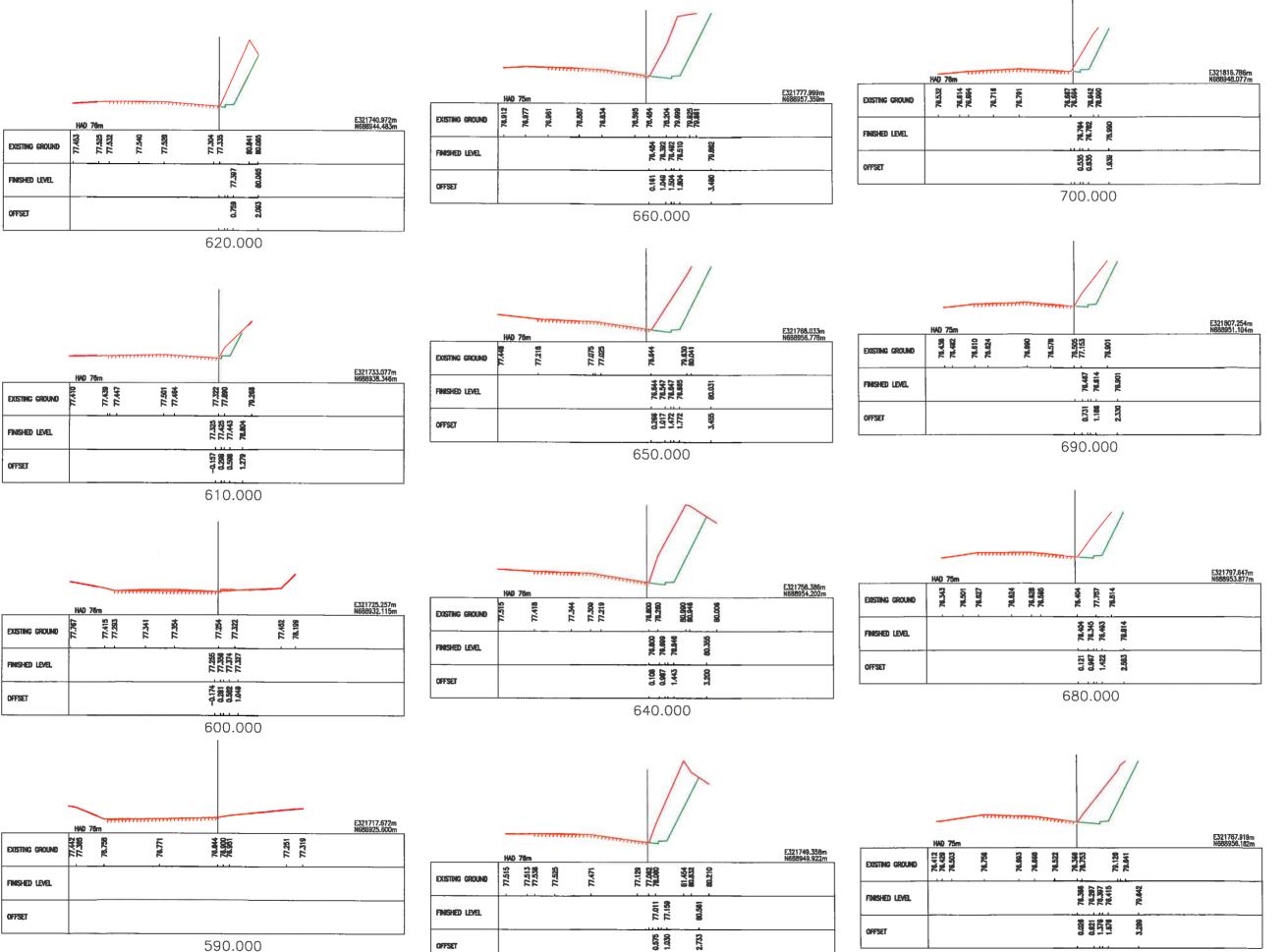


SECTION AT 40m LOOKING NORTHWEST SCALE 1: 100 A1









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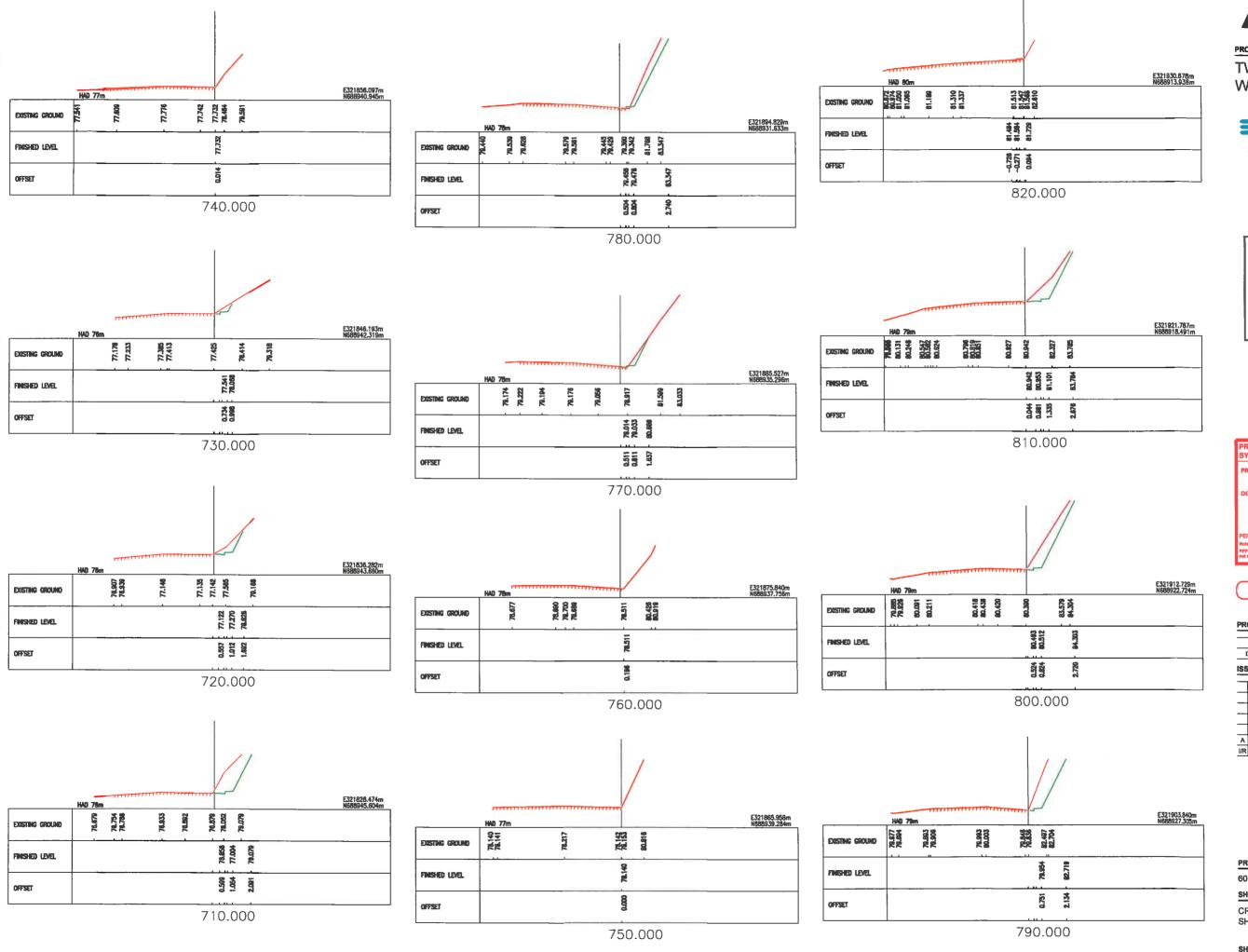
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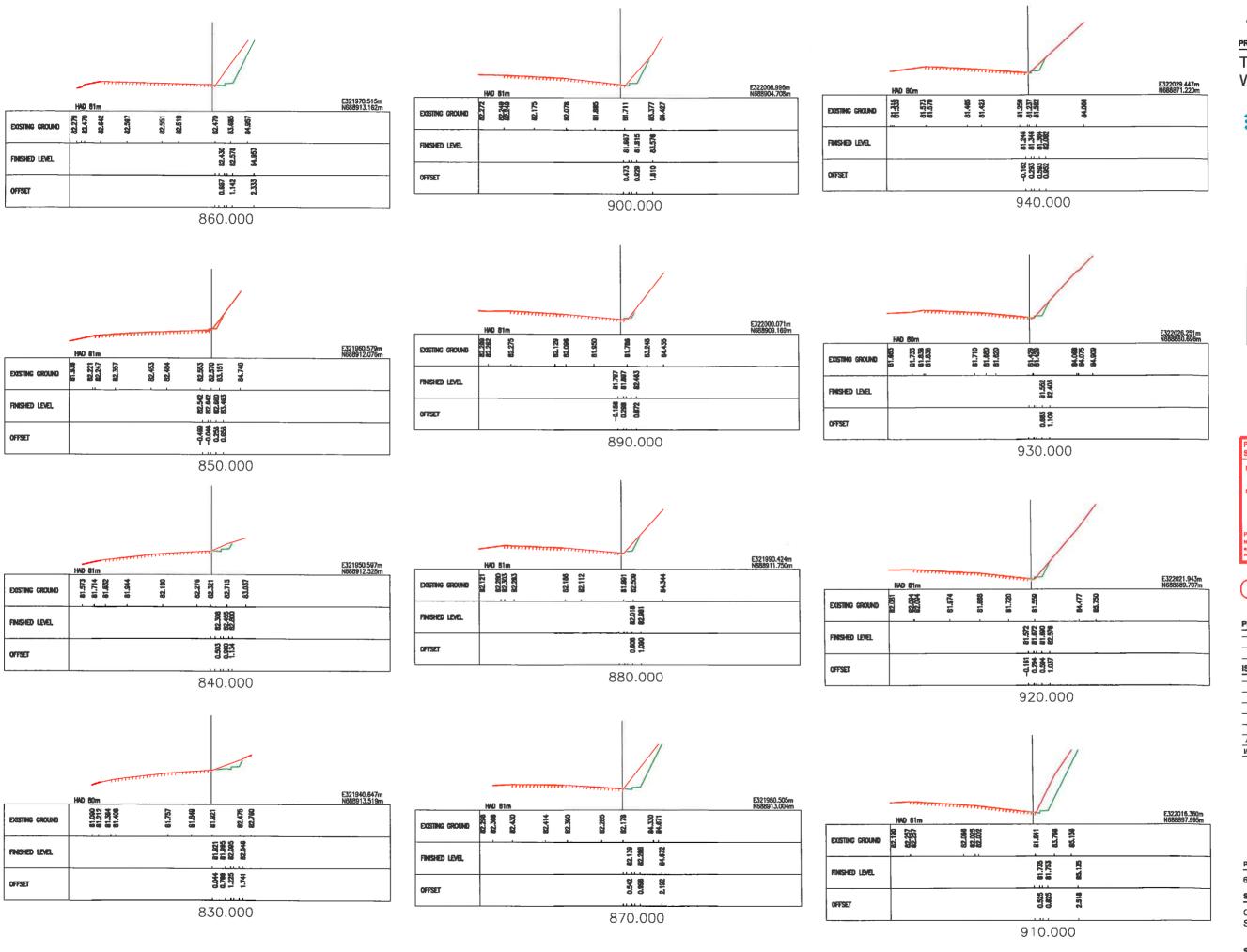


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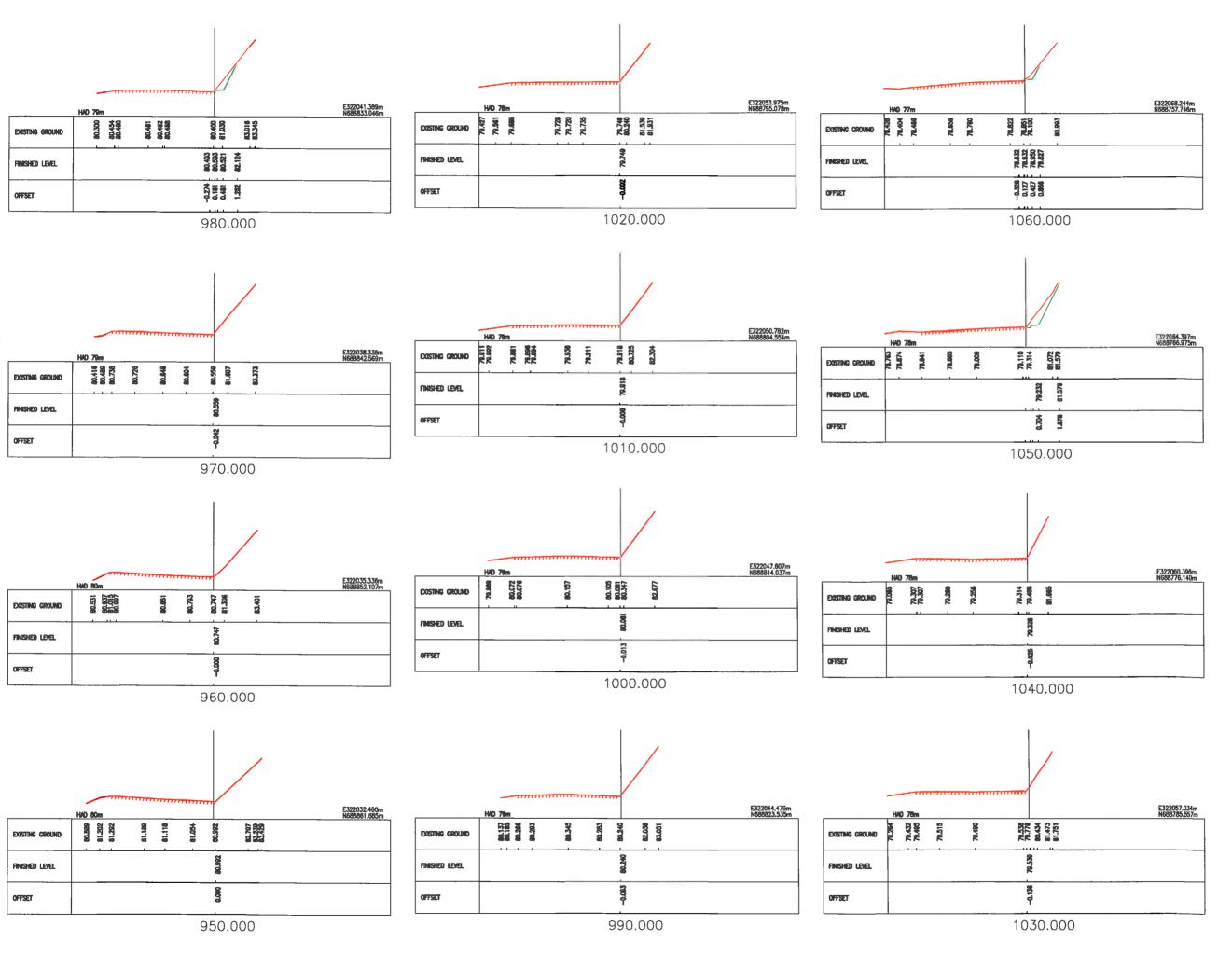


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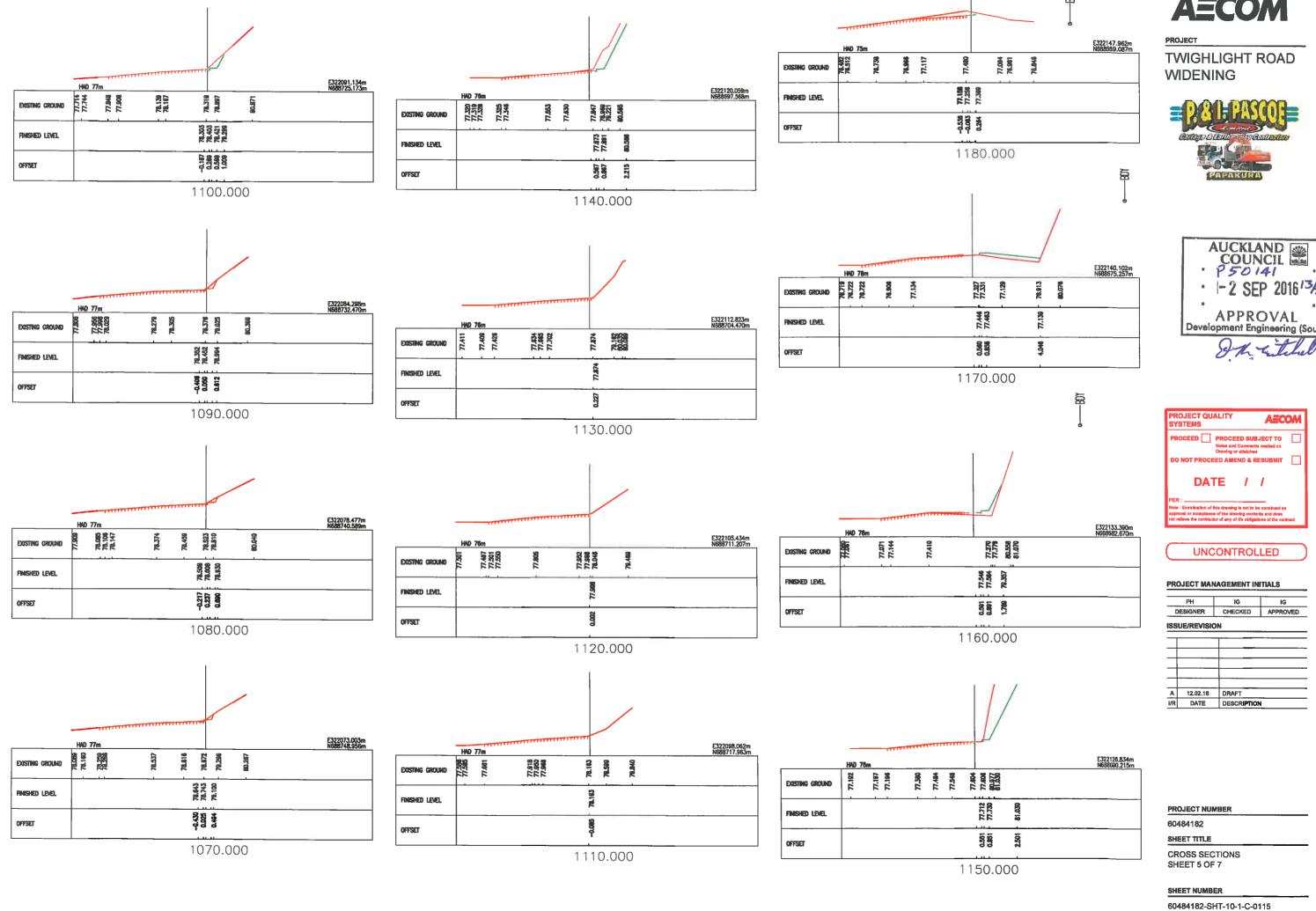


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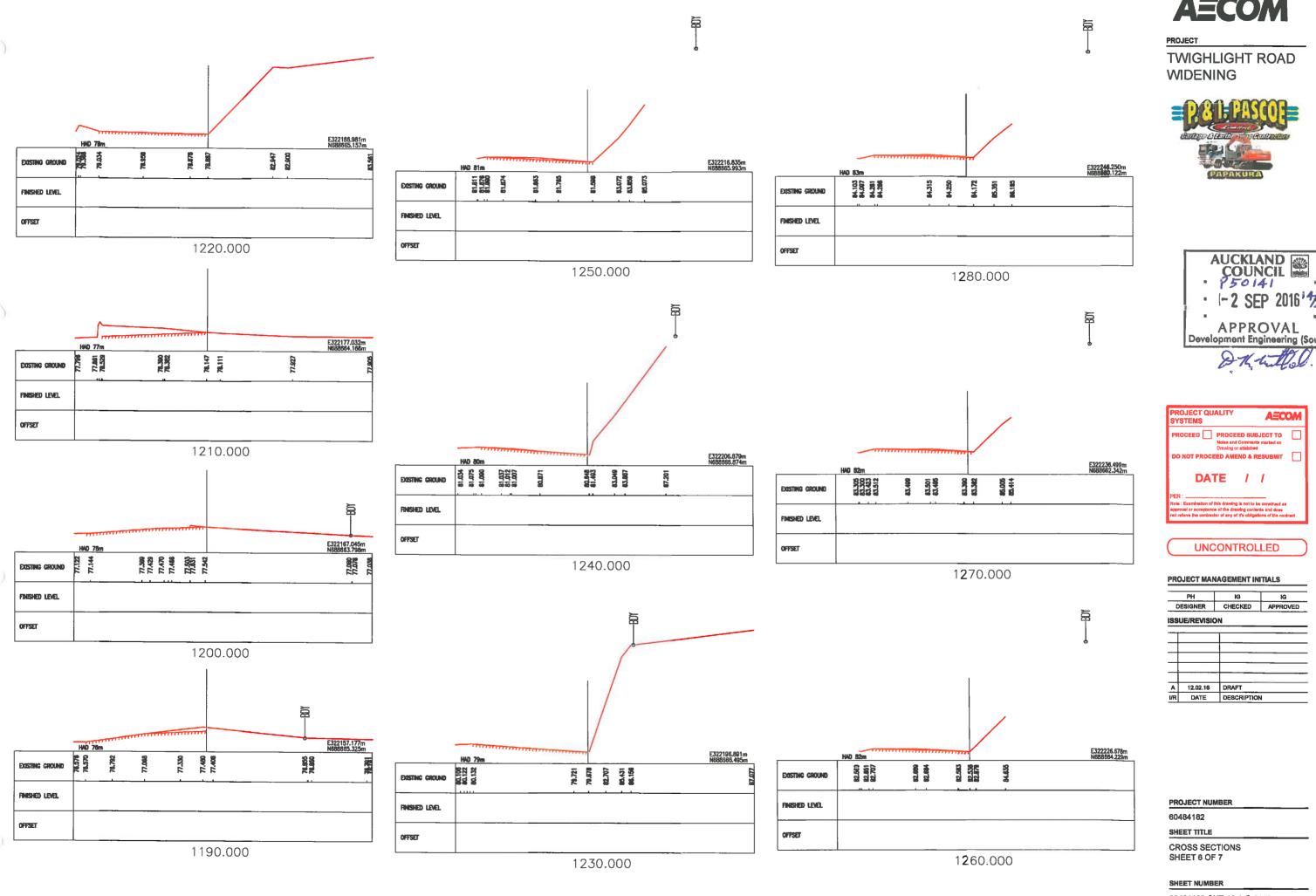
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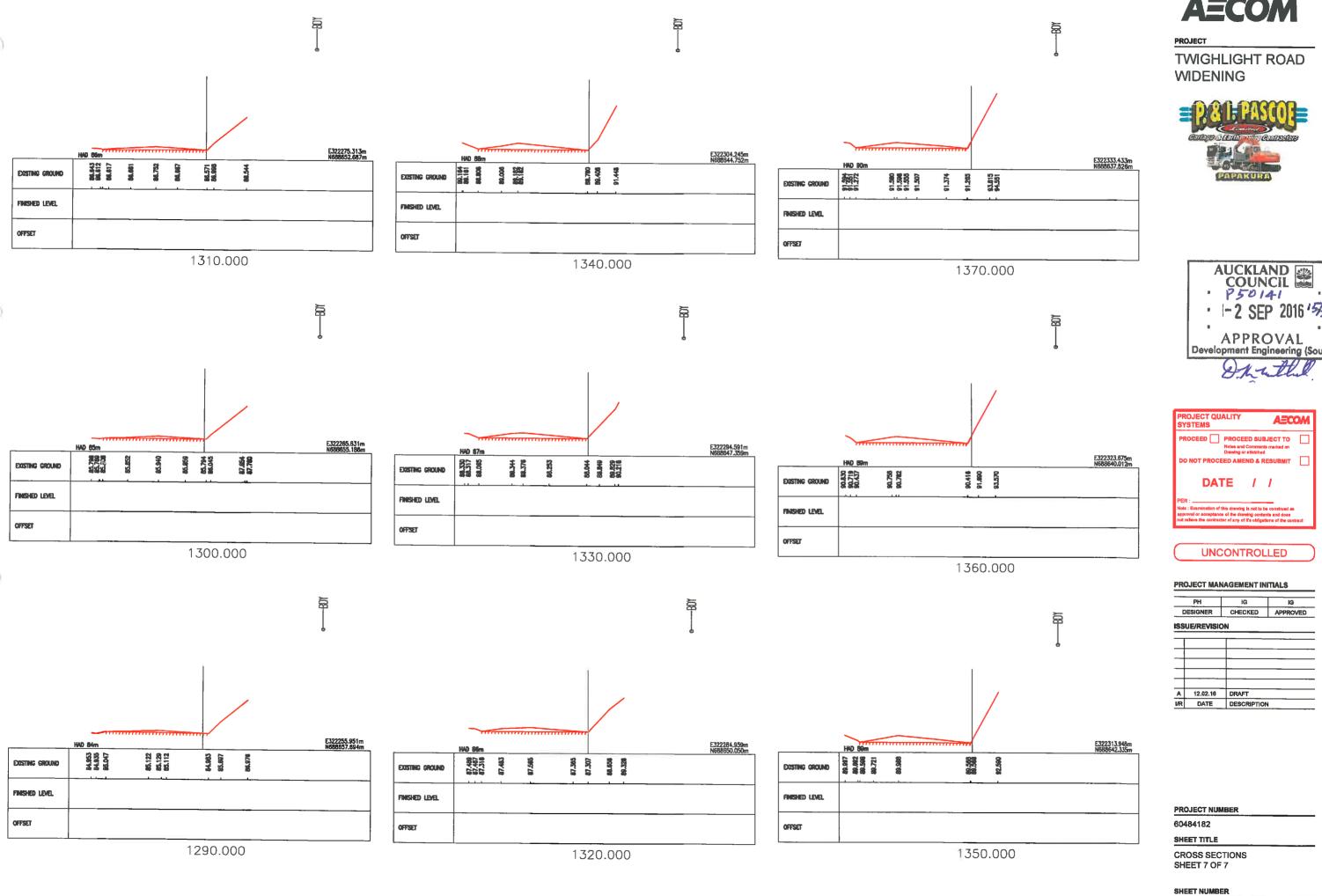
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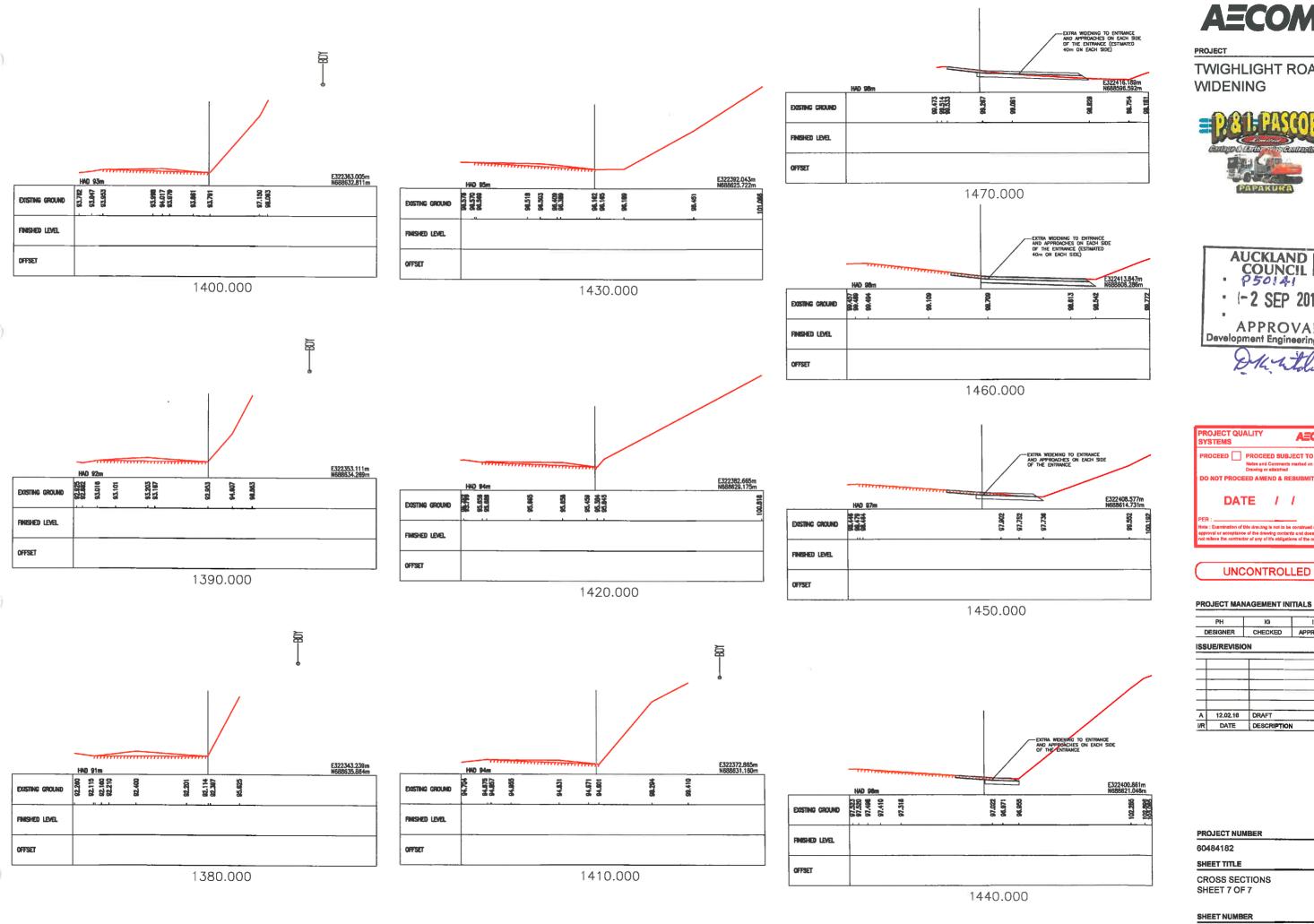












TWIGHLIGHT ROAD

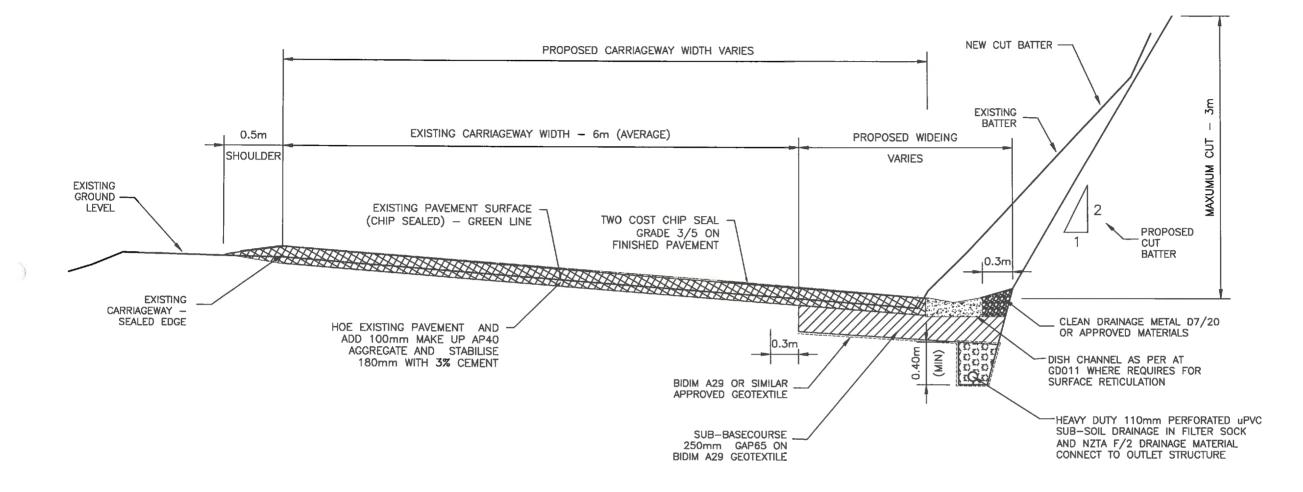






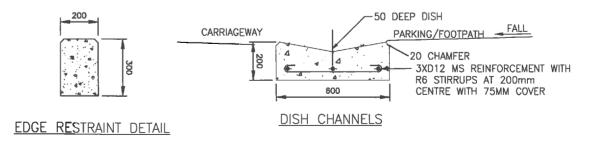
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NOTE:

- ALL CUT BATTER SHOULD BE GRADED NO STEEPER THAN 2(V) ON 1(H) TO A MAXIMUM HEIGHT OF 3m AS PER GROUND CONSULTING LTD REPORT UNLESS APPROVED OTHERWISE BY A SUITABLY QUALIFIED ENGINEER.
- 2. LARGE EXISTING TREES LOCATED AT THE TOP OF BATTERS SHOULD BE REMOVED AND REPLACED WITH SUITABLE VARIETIES. SOME MINOR WALL GABION OR CRIB—WALL MAY BE REQUIRED AFTER REMOVEL OF THE TREES TO STABILISE THE DISTURBED SLOPE.
- 3. ALL CUT BATTER WHEN FORMED SHOULD BE HYDRO-SEEDED
- 4. CONCENTRATED SURFACE RUN-OFF SHOULD BE DIVERTED AWAY FROM THE CUT BATTERS.
- PROPOSED CARRAIEGWAY WIDEING IS AIMED ONLY INSIDE ADJACENT TO CUT BATTER AND WIDENING WIDTH WILL BE 0.5m (MINIMUM) AND 1.5m (MAXIMUM).
- WHERE NECESSARY SEAL EXTENSION / WIDENING WILL ALSO BE UNDERTAKEN OUTSIDE EDGE OF ROAD -SOULDER WIDEING USING SIMILAR PAVEMENT DESIGN CONFIGURATION.
- 7. PAVEMENT CONFIGURATION CONSISTS OF GAP65 STABILISED SUBBASE COURSE AND AP40 BASECOURSE WITH ASPHALT CONCRETE SURFACING ON TWO COAT CHIP SEAL.
- 8. THERE IS EXISTING TABLE DRAIN ALONG THE ROAD BUT BLOCKED AND FILLED WITH DEBRIS. A NEW SUBSOIL DRAINAGE WITH 600MM WIDE DISH CHANNEL 50mm DEEP IS PROPOSED TO ACHIEVE BETTER DRAINAGE AND FULL PAVEMENT WIDTH.
- 9. ALL AFFECTED POWER POLES ARE TO BE RELOCATED TO PROVIDE CLEARANCE FROM THE SEALED EDGE.
- 10. TRAFFIC IMPROVEMENT SUCH AS INSTALLATION OF ADVANCE WARNING SIGN AND BARRIER WILL BE INSTALLED AS PER THE CONDITION OF THE CONSENT.





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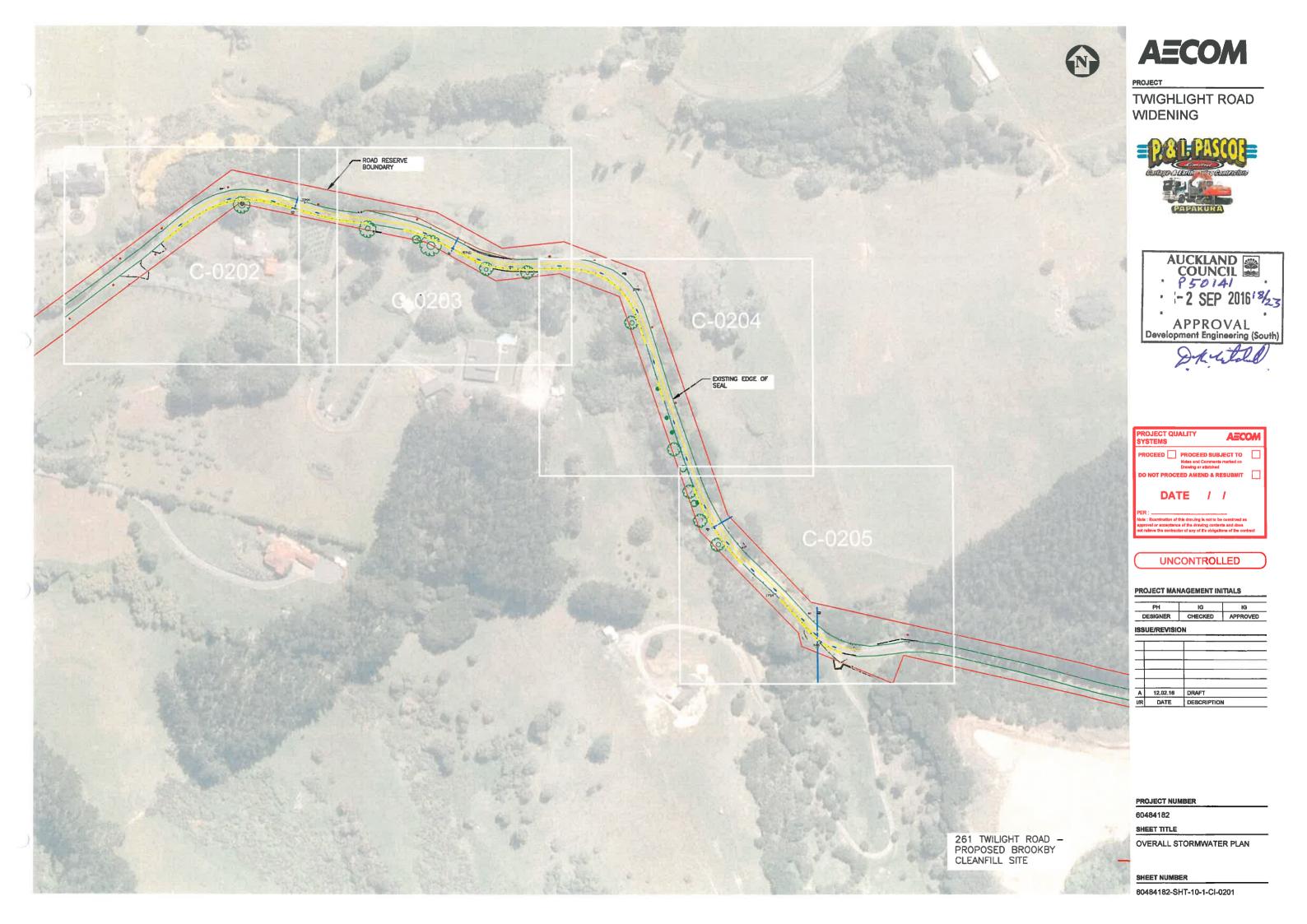
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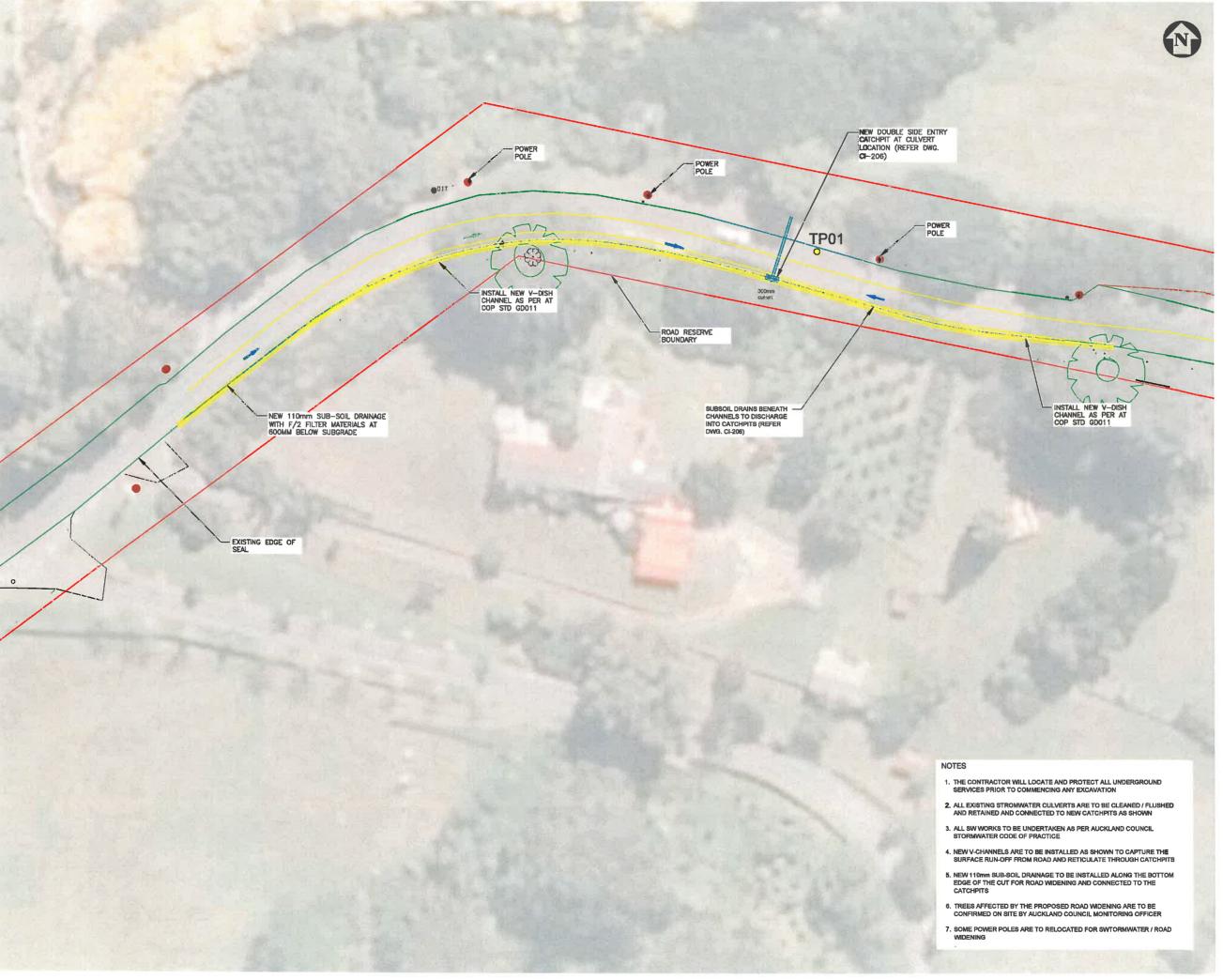
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TYPICAL CARRIAGWAY WIDENING CROSS-SECTION

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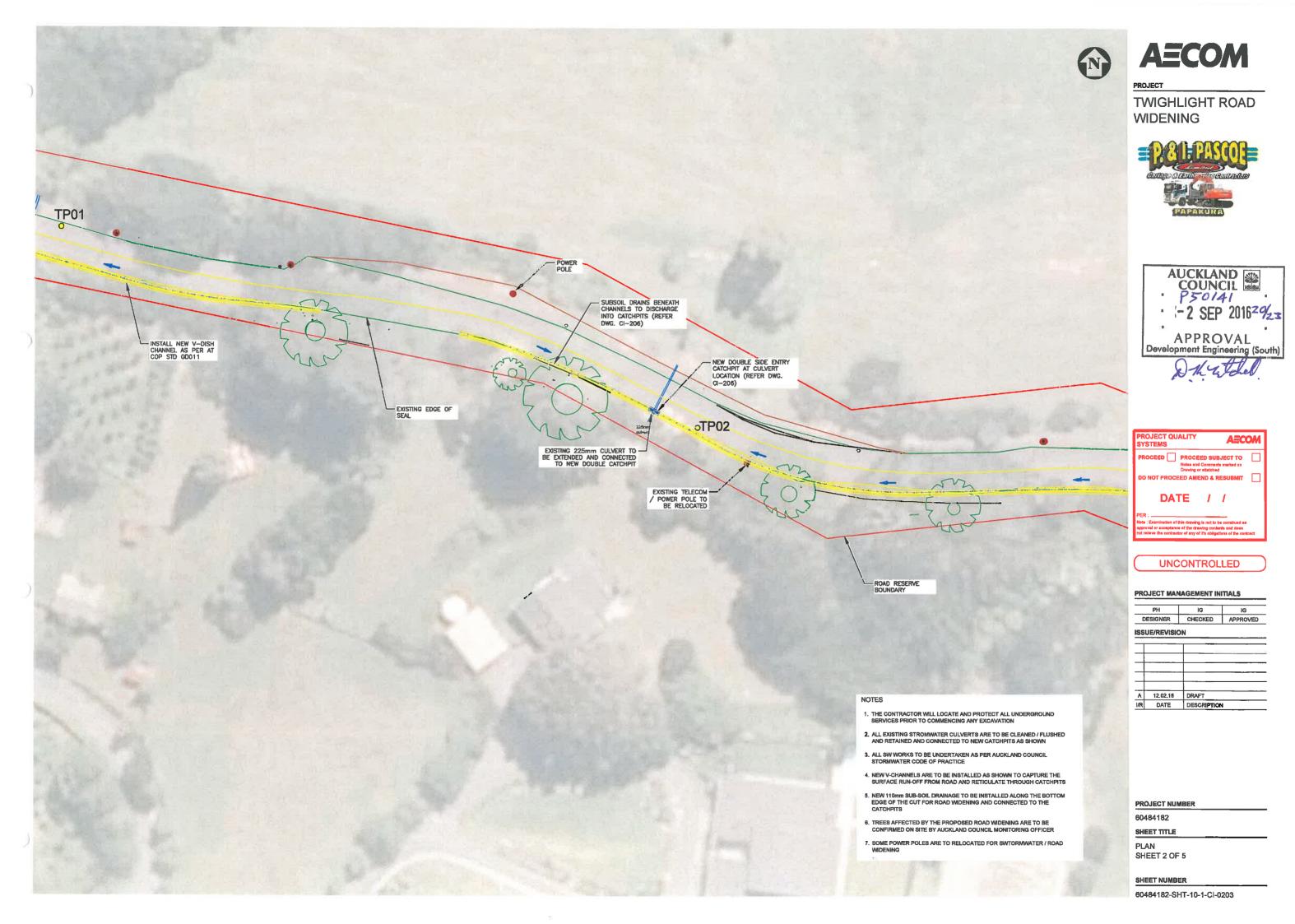
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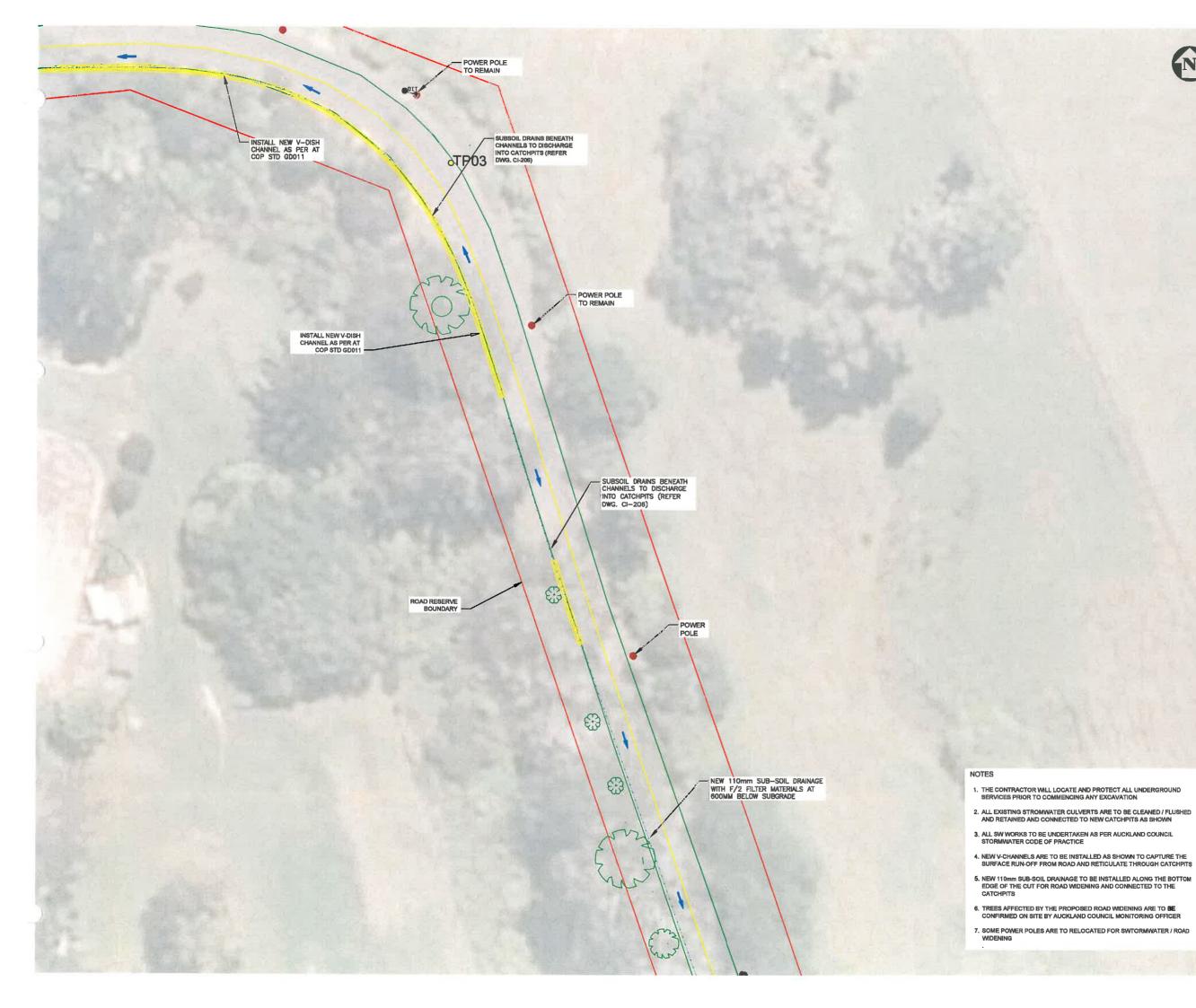
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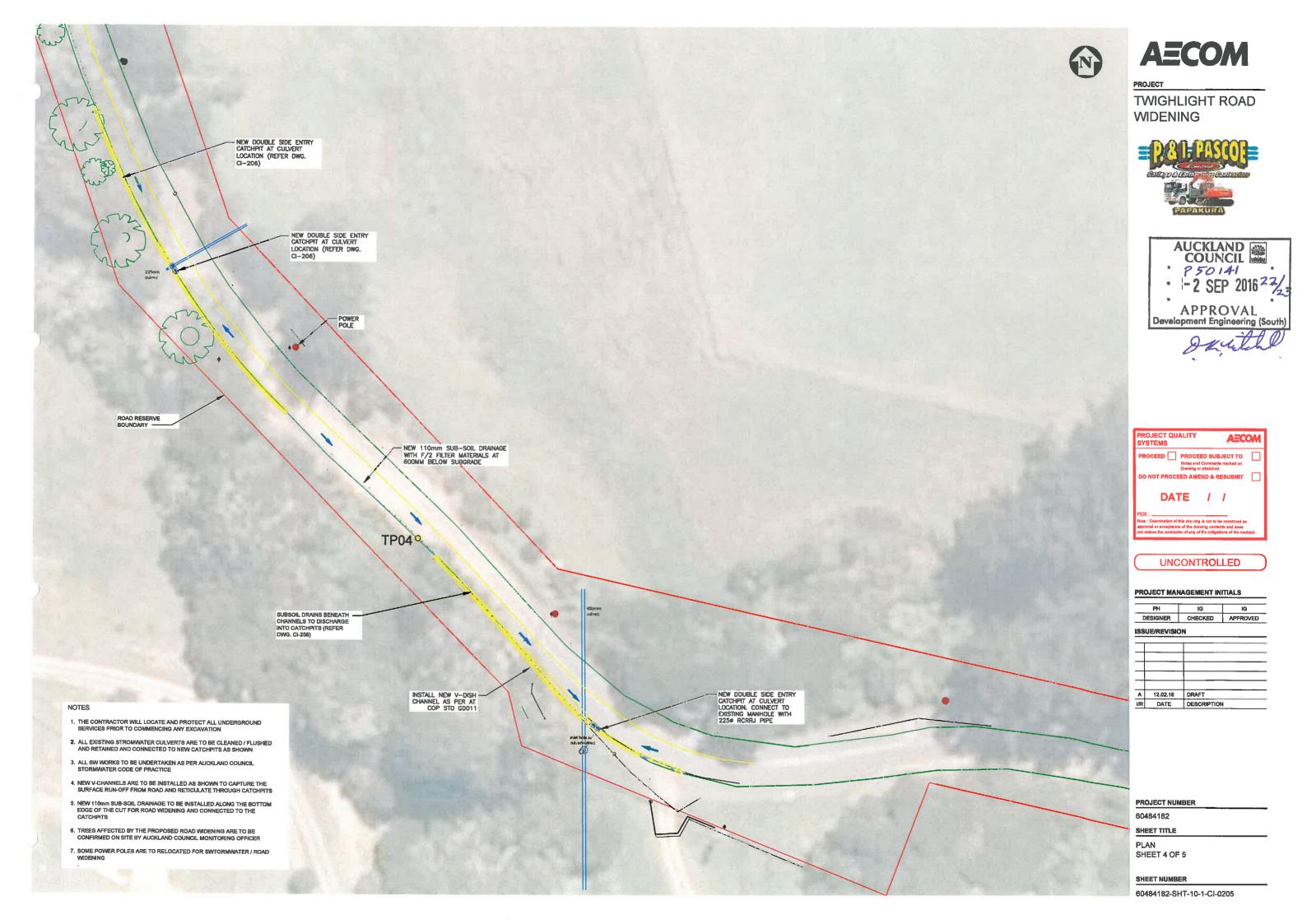
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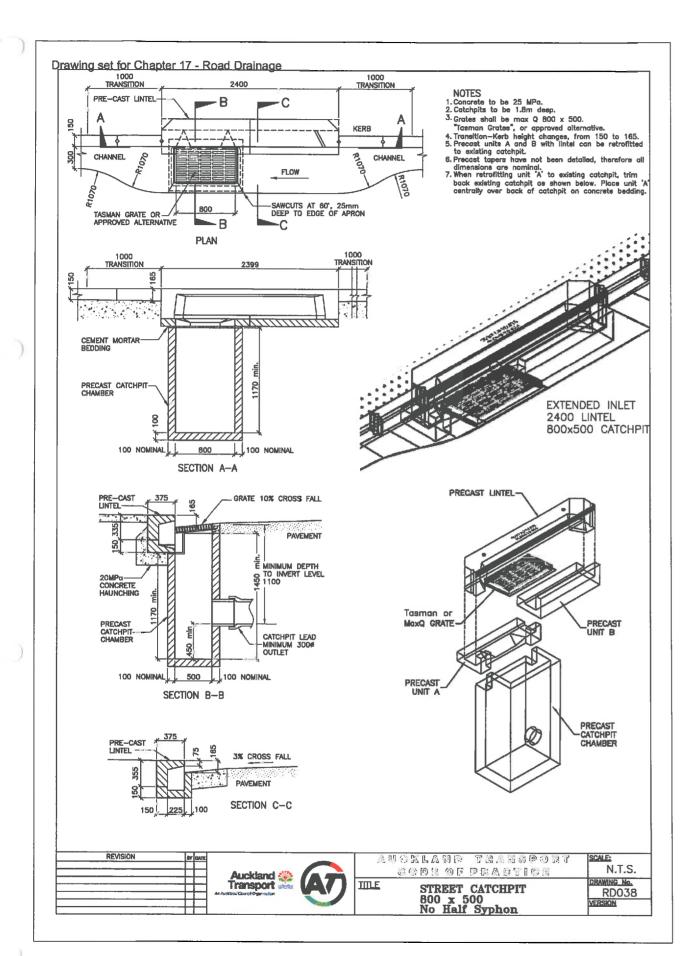
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