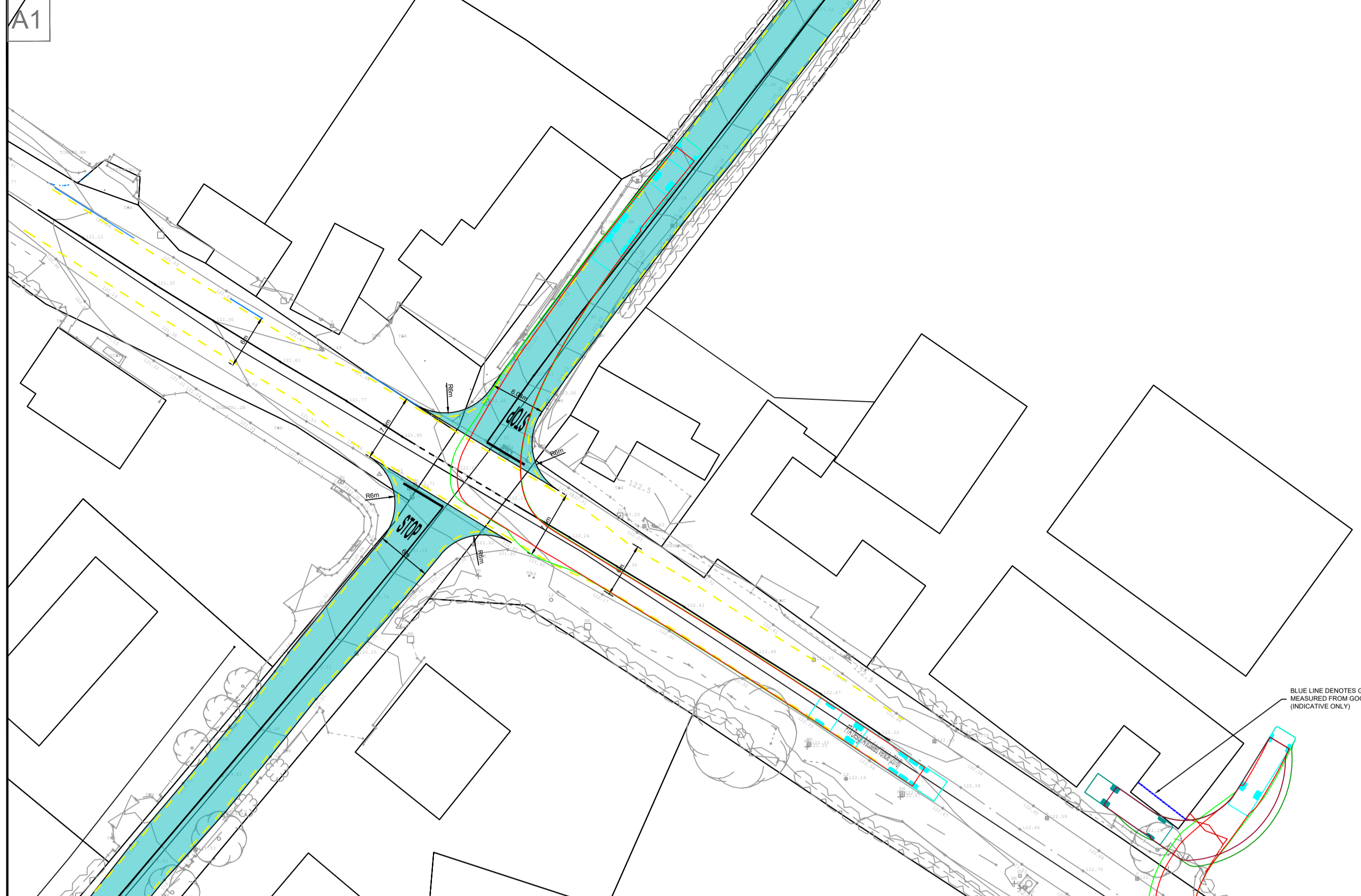


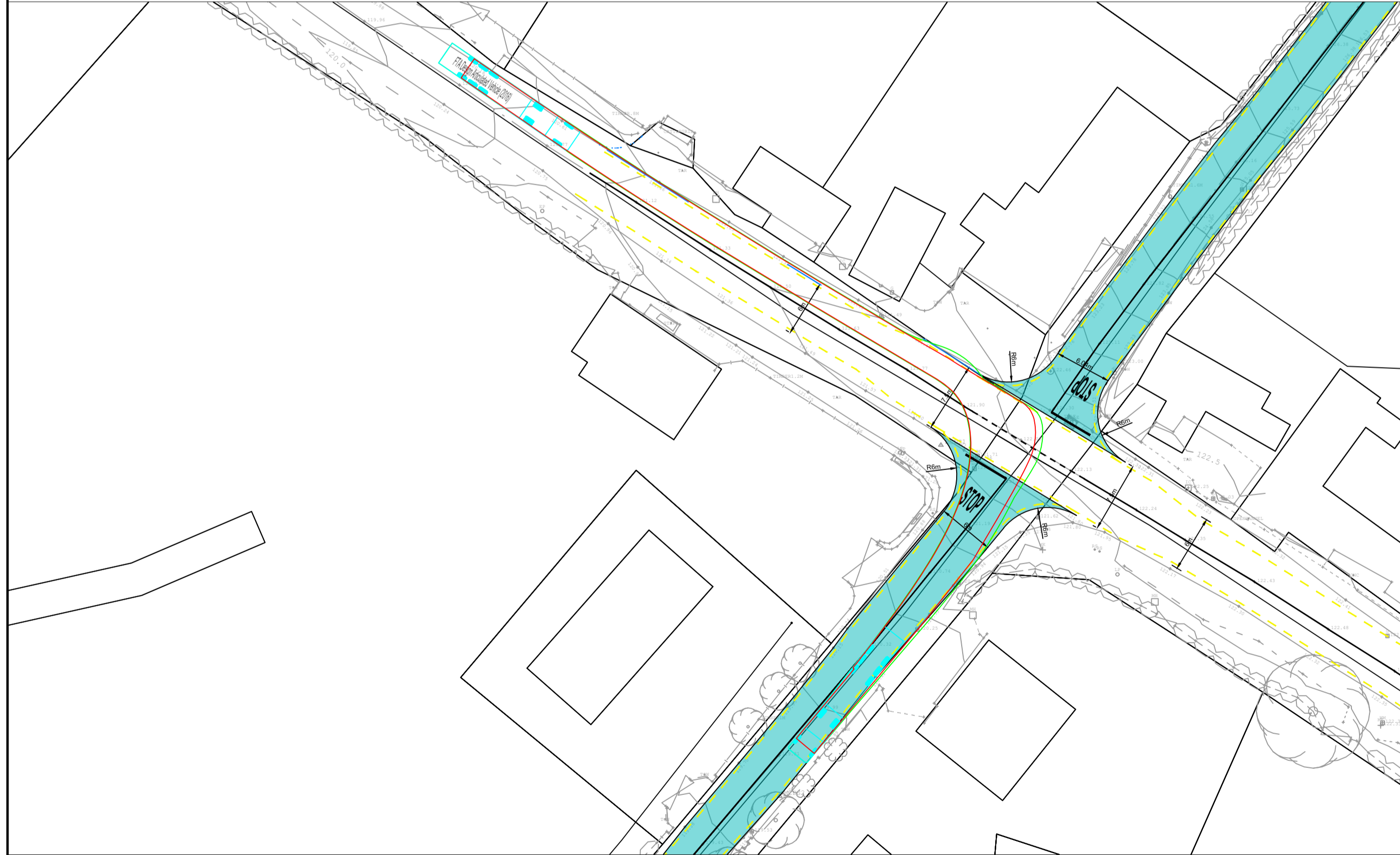
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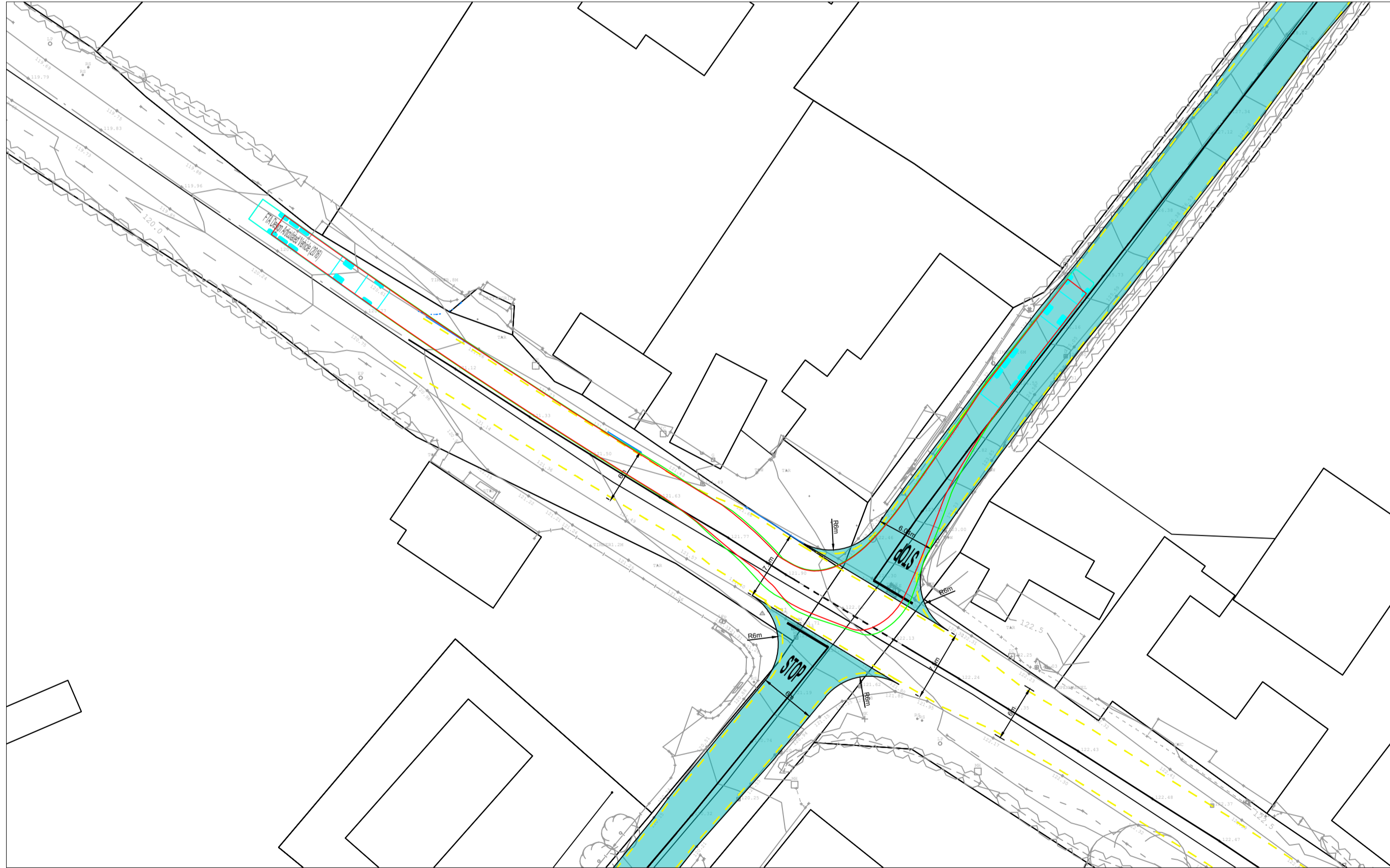
AUTOTRACK 1
SCALE: 1:250



AUTOTRACK 2
SCALE: 1:250



AUTOTRACK 3
SCALE: 1:250



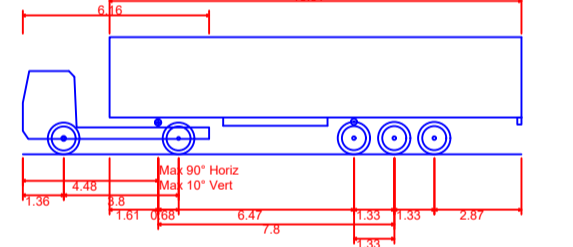
AUTOTRACK 4
SCALE: 1:250

GENERAL NOTES

1. THE CONTRACTOR SHOULD READ THIS ROAD SPECIFICATION IN CONJUNCTION WITH THE RELEVANT TYPICAL DETAILS.
2. JOINTS BETWEEN NEW ROAD CONSTRUCTION AND EXISTING ROADS SHALL BE AS PER THE DETAILS IN TI-CC-SCD-00703. THE EDGES OF THE EXISTING CARRIAGEWAY TO BE CUT BACK BY 0.5m WITH A ROTARY SAW TO FORM A VERTICAL FACE AND FRAMED IN ACCORDANCE WITH TI-CC-SCD-00703 INCLUDE FOR ALL ADDITIONAL EXCAVATION AND FILLING TO ACHIEVE REQUIRED DEPTH OF SUB BASE WHERE NEW AND EXISTING WORKS MEET.
3. ALL MANHOLES RAISED TO MEET THE NEW ROAD LEVEL WHERE REQUIRED. DISHING CONCRETE TO MANHOLE COVERS AND FRAMES AND INCLUDE FOR SETTING FRAME IN CONCRETE TO NEW OR ADJUSTED LEVELS WHERE REQUIRED PROTECT COVER AND FRAME DURING COURSE OF WORKS. ALL GULLIES TO MEET PROPOSED NEW SURFACE LEVEL WHERE REQUIRED.
4. FOOTPATH EXPANSION JOINTS SHALL BE NEATLY FORMED IN STRAIGHT LINES AT NOT GREATER THAN 3m CENTERS AND SO ARRANGED AS TO COINCIDE WITH THE JOINTS IN THE KERB. JOINTS SHALL BE FORMED BY INSERTING A DOUBLE LAYER OF ROOFING FELT OR OTHER APPROVED METHODS. WHICH SHALL EXTEND THE FULL DEPTH OF THE SLAB AND BE FINISHED OFF NEATLY AT THE SURFACE. THE CONTRACTOR SHALL ENSURE THE DOUBLE LAYER OF ROOFING FELT IS SUPPORTED IN THE JOINT AND HELD IN A STRAIGHT LINE DURING THE CONSTRUCTION PROCESS.
5. IN-SITU CONCRETE SHALL BE POURED ON A SUB-BASE OF 150mm NOMINAL THICK OF GRANULAR MATERIAL COMPLYING WITH CLAUSE 808. CONCRETE SHALL BE LAID AND COMPACTED IN COMPLIANCE WITH THE 800 SERIES OF THE SPECIFICATION FOR ROAD WORKS. ALL MATERIALS SPECIFIED SHALL COMPLY WITH REQUIREMENTS OF SR 21 (ANNEX E AMENDED TO I.S. EN 13242:2013 AND BASED ON THE REPORT OF PYRITE PANEL 2012) AGGREGATED FOR USE IN UNBOUND & HYDRAULICALLY BOUND GRANULAR MATERIALS.
6. THE VERTICAL ALIGNMENT OF THE FINISHED SURFACE SHALL NOT DEPART FROM THE DESIGN LEVEL BY MORE THAN +10mm AT ANY POINT. THE MAXIMUM DEVIATION OF THE SURFACE UNDER A STRAIGHT EDGE SHALL NOT BE GREATER THAN 5mm IN 3m. THE CONTRACTOR SHALL ALLOW FOR THE PROTECTION OF ALL EXISTING SERVICE CHAMBERS, MANHOLES AND DUCTING THROUGHOUT THE WORKS ALL CONCRETE JOINTS AND EDGES SHALL BE BULL NOSED.
7. CBR TESTS SHALL BE CARRIED OUT ON THE SUBGRADE AT FORMATION LEVEL. THE RATE OF THE TESTS SHALL BE 1 TEST PER 50 LINEAR METERS OF ROAD. WHERE TEST VALUES VARY SIGNIFICANTLY ADDITIONAL TESTS MAY BE REQUIRED AT THE DISCRETION OF THE ENGINEER.
8. CAPPING LAYER SPECIFIED BASED ON ESTIMATED SUBGRADE CBR VALUE OF 8%. CAPPING LAYER MAY BE REDUCED INCREASED SUBJECT TO ACTUAL SUBGRADE CBR TEST VALUES OBTAINED ON SITE.

AUTOTRACK LEGEND

- VEHICLE WHEEL TRACK
- VEHICLE OVERHANG

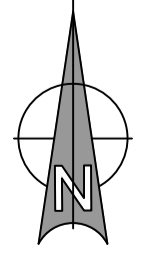


FTA Design Articulated Vehicle (2016)
 Overall Length 16.490m
 Overall Width 2.550m
 Overall Body Height 3.570m
 Min Body Ground Clearance 0.515m
 Max Track Width 2.470m
 Lock-to-lock time 3.50s
 Curb to Curb Turning Radius 6.600m

D2 TENDER

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 Figured dimension only to be taken from this drawing. All dimensions to be checked on site. Consultants to be informed immediately of any discrepancies before work proceeds.

REV NO:	DATE:	REVISION NOTE:	DWN BY:	CKD BY:
P01	27/09/2023	ISSUED FOR TENDER	PMC	LD



CLIENT:	MONAGHAN COUNTY COUNCIL		
PROJECT:	SCOTCH CORNER - JUNCTION IMPROVEMENT WORKS		
TITLE:	AUTOTRACK ANALYSIS - ARTICULATED LORRY		
DRAWN:	CHECKED:	APPROVED:	JOB NO:
PMC	LD	MG	230887
DATE:	SCALE:	DRAWING NO:	REV:
01/08/2023	AS SHOWN	230887-ORS-ZZ-00-DR-TII-030	P01

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