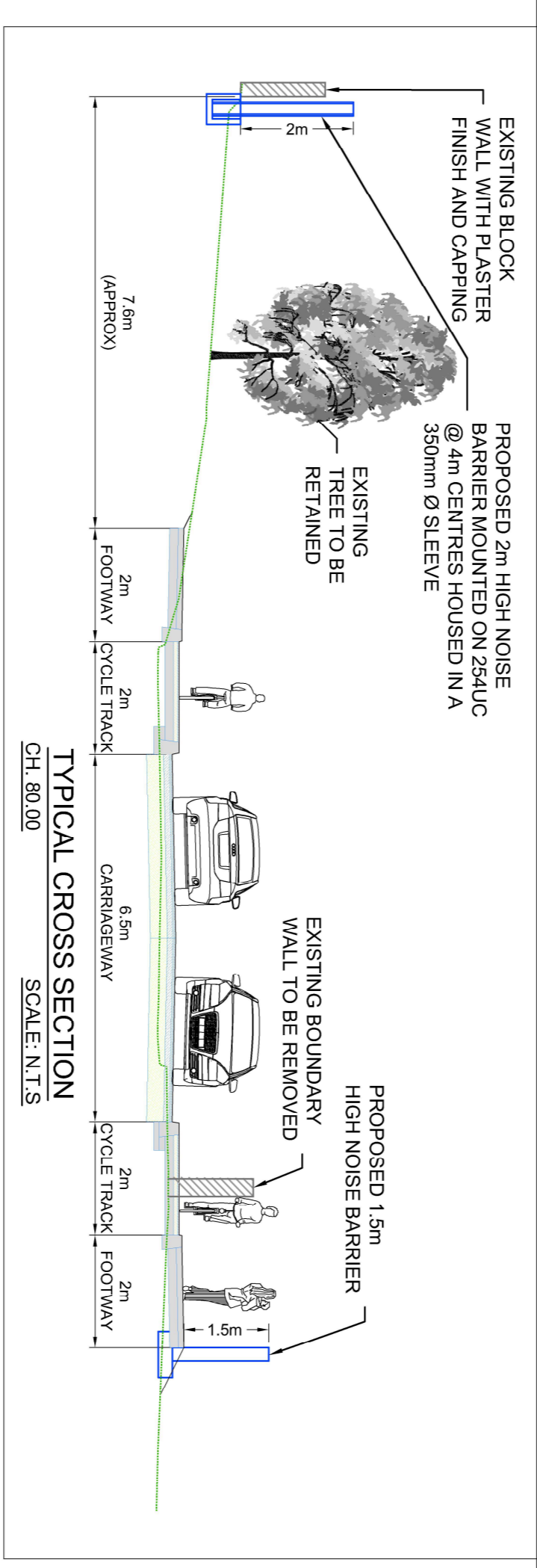
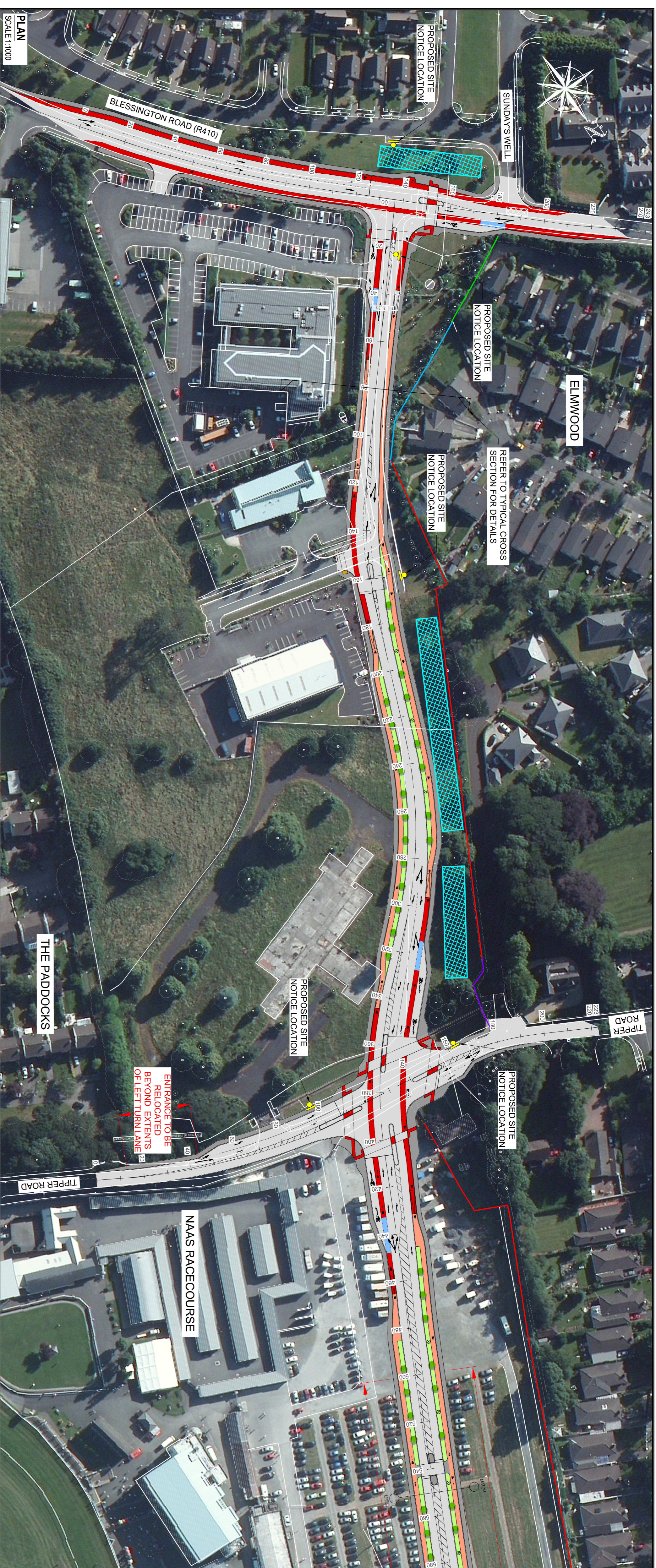


This drawing is produced using the Irish Transverse Mercator (ITM) Geographic Coordinate System

A1



GRADE BREAK STA = 0+000.00
ELEV = 94.79

| Station | Elevation | Grade (%) | Vertical Curve Data |
|---------|-----------|-----------|---------------------|
| 00.000 | 94.791 | 0.000 | |
| 20.000 | 94.738 | 0.040 | |
| 40.000 | 94.767 | 0.076 | |
| 60.000 | 94.716 | 0.281 | |
| 80.000 | 94.758 | 0.268 | |
| 100.000 | 94.991 | 0.283 | |
| 120.000 | 95.517 | 0.040 | |
| 140.000 | 96.009 | -0.016 | |
| 160.000 | 96.566 | 0.016 | |
| 180.000 | 97.341 | -0.108 | |
| 200.000 | 97.930 | -0.048 | |
| 220.000 | 99.098 | -0.575 | |
| 240.000 | 99.156 | -0.057 | |
| 260.000 | 99.772 | -0.169 | |
| 280.000 | 100.112 | -0.079 | |
| 300.000 | 100.520 | -0.129 | |
| 320.000 | 100.856 | 0.020 | |
| 340.000 | 100.907 | -0.018 | |
| 360.000 | 101.082 | -0.054 | |
| 380.000 | 100.992 | 0.137 | |
| 400.000 | 101.364 | -0.135 | |
| 420.000 | 101.391 | -0.062 | |
| 440.000 | 101.362 | 0.067 | |
| 460.000 | 101.450 | 0.078 | |
| 480.000 | 101.473 | 0.117 | |
| 500.000 | 101.444 | 0.135 | |
| 520.000 | 101.574 | -0.080 | |
| 540.000 | 101.568 | -0.192 | |

OSI Licence No.: EN 0042418 © OS/GOVERNMENT OF IRELAND A1 - © CSEA 2018 - REV 00

- LEGEND:**
- PROPOSED 2m HIGH NOISE BARRIER CONSTRUCTED INFRONT OF EXISTING PLASTERED BLOCK WALL
 - EXISTING FENCE (POST & RAIL) TO BE REPLACED BY 2m HIGH NOISE BARRIER
 - EXISTING CONCRETE WALL WITH CAPPING TO BE EXTENDED TO 3m INCLUDING NOISE BARRIER
 - EXISTING PANEL FENCE TO BE REPLACED WITH 2m HIGH NOISE BARRIER
 - EXISTING BRICK WALL WITH GALVANIZED RAILING EXTENDED TO 3.5m HIGH INCLUDING NOISE BARRIER
 - EXISTING BRICK WALL WITH GALVANIZED RAILING EXTENDED TO 1.5m HIGH INCLUDING NOISE BARRIER
 - EXISTING PLASTERED BLOCK WALL WITH RAILING TO BE REMOVED
 - PROPOSED 1.5m HIGH NOISE BARRIER
 - PROPOSED 3.5m HIGH NOISE BARRIER
 - PROPOSED 2m HIGH POST AND PANEL NOISE BARRIER
 - PROPOSED 2m HIGH BLOCK WALL
 - PROPOSED CARRIAGEWAY
 - PROPOSED CYCLE TRACK
 - PROPOSED CYCLE LANE
 - PROPOSED CYCLE LANE / LEFT TURN CONFLICT ZONE
 - PROPOSED FOOTPATH
 - PROPOSED SHARED SURFACE
 - POTENTIAL SITE COMPOUND LOCATION A
 - POTENTIAL SITE COMPOUND LOCATION B
 - PROPOSED ATTENUATION TANK LOCATION



Kildare County Council
Comhairle Contae Chill Dara

Clifton Scannell Emerson Associates

KILDARE COUNTY COUNCIL
NAAS INNER RELIEF ROAD
PROPOSED NAAS INNER RELIEF ROAD
PLAN & LONGSECTION - SHEET 1 OF 3

Checked By: GE Scale: AS INDICATED @ A1
Project Code: 17_169 - CSE - HML - XX - DR - C - 2201

Status Code: S2 SUITABLE FOR INFORMATION
Revision: P02 PLANNING

Clifton Scannell Emerson Associates Limited
Scoilford Lodge,
Castledown Avenue,
Blackrock, Co. Dublin,
Ireland A94 P768
T: +353 1 298 6098
F: +353 1 293 2498
E: info@cseai.ie
W: www.cseai.ie

| Revision | Description | Date |
|----------|-----------------|------------|
| P01 | FOR INFORMATION | 08.01.2019 |
| P02 | PLANNING | 08.01.2019 |