FUTURE ROUNDABOUT ACCESS 1 TO BARNHILL LAP DEVELOPMENT (CONSTRUCTED AS PART OF THE ONGAR TO BARNHILL DISTRIBUTOR ROAD SCHEME BY FINGAL COUNTY COUNCIL)

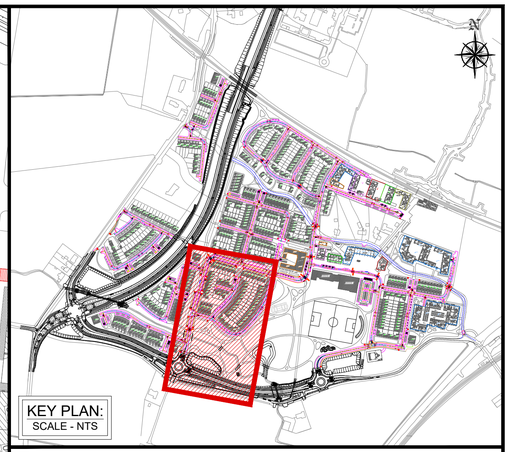
FUTURE REALIGNED BARBERSTOWN LANE SOUTH ROAD BY FINGAL COUNTY COUNCIL

DETENTION BASIN

EXISTING STREAM

GREEN OPEN SPACE AREA

GREEN OPEN SPACE AREA




LONGSECTIONS LEGEND

EXISTING GROUND PROFILE

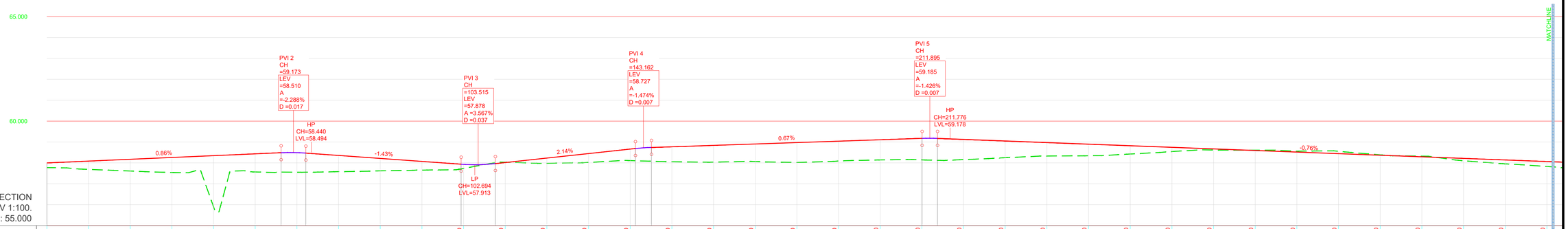
PROPOSED GROUND PROFILE

VERTICAL CURVATURE

Clifton Scannell Emerson Associates

# 16_053_018 - BARNHILL GARDEN VILLAGE SHD - PROPOSED INTERNAL ROADS AND LONGSECTIONS ROAD 01 - SHEET 1 OF 15

PLAN VIEW SCALE - 1:500 @ A1




ROAD 01 LONGSECTION
SCALE: H 1:500,V 1:100.
DATUM: 55.000

| CHAINAGE | 00.000 | 10.000 | 20.000 | 30.000 | 40.000 | 50.000 | 60.000 | 70.000 | 80.000 | 90.000 | 100.000 | 110.000 | 120.000 | 130.000 | 140.000 | 150.000 | 160.000 | 170.000 | 180.000 | 190.000 | 200.000 | 210.000 | 220.000 | 230.000 | 240.000 | 250.000 | 260.000 | 270.000 | 280.000 | 290.000 | 300.000 | 310.000 | 320.000 | 330.000 | 340.000 | 350.000 | 360.000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXISTING GROUND LEVELS | 57.772 | 57.688 | 57.611 | 57.538 | 55.894 | 57.564 | 57.553 | 57.578 | 57.617 | 57.655 | 57.732 | 58.029 | 57.984 | 58.020 | 58.109 | 58.054 | 58.036 | 58.065 | 58.018 | 58.092 | 58.140 | 58.144 | 58.159 | 58.249 | 58.328 | 58.340 | 58.423 | 58.544 | 58.612 | 58.609 | 58.563 | 58.555 | 58.394 | 58.322 | 58.101 | 57.952 | 57.829 |
| PROPOSED LEVELS | 58.000 | 58.086 | 58.172 | 58.259 | 58.345 | 58.431 | 58.485 | 58.490 | 58.408 | 58.356 | 58.213 | 58.071 | 57.898 | 57.966 | 58.017 | 58.231 | 58.445 | 58.609 | 58.739 | 58.772 | 58.839 | 58.906 | 58.972 | 59.039 | 59.106 | 59.172 | 59.171 | 59.123 | 59.048 | 58.972 | 58.896 | 58.820 | 58.744 | 58.668 | 58.592 | 58.516 | 58.440 | 58.364 | 58.289 | 58.213 | 58.137 | 58.061 |
| VERTICAL GEOMETRY | | | G =0.862% 1:116.0 | | | | R =260.000 K =2.600 L =5.950 | | G =-1.426% -1:70.1 | | R =230.000 K =2.300 L =8.203 | | G =2.141% 1:46.7 | | R =260.000 K =2.600 L =3.832 | | | | G =0.667% 1:149.9 | | | R =260.000 K =2.600 L =3.708 | | | | | | | | | G =-0.759% -1:131.7 | | | | | | |
| HORIZONTAL GEOMETRY | L =8.585 | R: 80.000 L: 14.885 | | | L =61.656 | | | | | | R: 120.000 L: 12.389 | | | | L =108.970 | | | | | | | R: 16.750 L: 26.311 | | | | | | | | | L =178.989 | | | | | | |