N

30

PROPOSED 30mph SPEED LIMIT SIGNAGE TO DIAG. 670 (600mm) WITH YELLOW BACKING BOARD LOCATED EITHER SIDE OF CARRIAGEWAY FACING WEST, MOUNTED ON NEW POSTS. NATIONAL SPEED LIMIT SIGNAGE TO DIAG 671 (600mm) TO BE MOUNTED ON SAME POSTS FACING EAST. 2100mm CLEAR MOUNTING HEIGHT.

EXISTING 30mph & NATIONAL SPEED LIMIT SIGNS & POSTS TO BE REMOVED.

DUNTON ROAD (30mph)

2.4m x 90m VISIBILITY SPLAY

LENGTH OF EXTENDED 30mph ZONE = 68.3m

DISTANCE FROM EXTENDED 30mph ZONE TO PROPOSED JUNCTION =156m

PROPOSED '30mph' SPEED LIMIT ROUNDEL ROAD MARKING TO DIAG. 1065 (SIZE 4300mm x 1600mm)

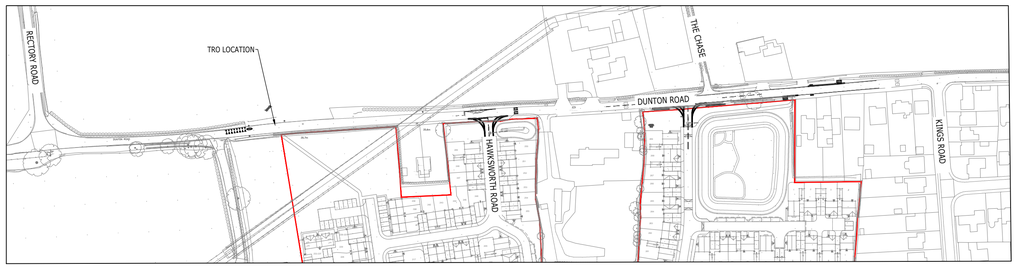
PROPOSED DRAGONS TEETH MARKINGS TO REINFORCE GATEWAY TO DIAG. 1062
8 NO. TEETH ON EACH SIDE, 1050mm FROM BASE TO TIP, 750mm BASE WIDTH, 1.0m SPACING

HAWKSWORTH ROAD

35.6m

35.7m

249 248 247 246 245 244 243 242 241 240 239 238



TRO LOCATION PLAN
1:2000

KEY

- DEVELOPMENT BOUNDARY
- EXISTING HIGHWAY BOUNDARY
- VISIBILITY SPLAY
- EXTENT OF TRO

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NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT SPECIFICATION AND ALL OTHER RELATED DRAWINGS ISSUED BY THE ENGINEER.
2. DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY.
3. ALL DIMENSIONS SHOWN ON THIS DRAWING ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
4. ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ON SITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF THE WORKS.
5. NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS PERMITTED WITHOUT PRIOR PERMISSION FROM THE ENGINEER.
6. ALL MATERIALS AND WORKMANSHIP SHALL COMPLY FULLY WITH THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS, VOLUME ONE, SPECIFICATION FOR HIGHWAY WORKS AND ESSEX HIGHWAY'S DEVELOPMENT CONSTRUCTION MANUAL AND STANDARD DETAILS
7. THE CONTRACTOR SHALL UNDERTAKE SUCH MATERIALS TESTING AS INDICATED IN THE SPECIFICATIONS AND SHALL INCLUDE THE COST OF TESTING IN THE TENDER.
8. UNLESS STATED OTHERWISE, ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF AT AN APPROVED TIP OFF-SITE.
9. THE PUBLIC HIGHWAY AND WORKS WILL BE KEPT CLEAN AND FREE OF DEBRIS BY USE OF WHEEL WASHING FACILITIES AND ROAD SWEEPERS TO THE COUNCIL'S SATISFACTION.
10. ALL SETTING OUT SHALL BE AGREED ON-SITE WITH THE ENGINEER, PRIOR TO THE COMMENCEMENT OF THE WORKS.
11. THIS DRAWING HAS BEEN BASED UPON A TOPOGRAPHICAL SURVEY PRODUCED BY SURVEY SOLUTIONS DRAWING 2132BUG-01, MARCH 2018.
12. UPON COMPLETION OF THE WORKS, THE CONTRACTOR SHALL UNDERTAKE ALL NECESSARY MAINTENANCE REPAIRS TO RETURN THE HIGHWAY TO ITS FORMER CONDITION.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FROM THE LOCAL AUTHORITY PRIOR TO COMMENCING WORKS ON THE HIGHWAY.

CDM NOTES:

14. THE ATTENTION OF THE CLIENT AND THE PRINCIPAL CONTRACTOR IS DRAWN TO THE FOLLOWING POTENTIAL RISKS IN CONJUNCTION WITH THE PROPOSED ON-SITE AND OFF-SITE WORKS AS DESIGNED FOR THIS PROJECT.
15. WORKS IN THE VICINITY OF LIVE SERVICES INCLUDING GAS, ELECTRICITY AND BT WILL BE NECESSARY AND THE ADVICE OF ALL STATUTORY SERVICE COMPANIES MUST BE SOUGHT BEFORE ANY WORKS COMMENCE.
16. WORKS WITHIN AND ABUTTING THE EXISTING HIGHWAY WILL ENTAIL TRAFFIC HAZARDS AND ALL APPROPRIATE SAFETY MEASURES INCLUDING BARRIERS, SIGNS AND LIGHTING MUST BE UNDERTAKEN TO THE APPROVAL OF THE LOCAL AUTHORITY, THE HIGHWAY AUTHORITY AND THE POLICE DEPARTMENT.
17. HAZARDOUS MATERIALS INCLUDING CEMENT AND BITUMINOUS MATERIALS ARE SPECIFIED AND THE MANUFACTURERS ADVICE ON SAFE HANDLING PROCEDURES MUST BE OBTAINED AND MADE CLEAR TO ALL OPERATIVES.
18. THE CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES WITHIN THE VICINITY OF THE WORKS HAND DUG AND ENSURE THESE ARE PROTECTED THROUGHOUT THE DURATION OF THE WORKS. ALL UTILITY PLANT SHOULD BE CLEARLY MARKED ON THE GROUND PRIOR TO COMMENCEMENT OF THE WORKS.
19. THE CONTRACTOR MUST ENSURE ALL WORKING AREAS ARE FULLY SECURE.

ROAD MARKING NOTES:

1. ALL ROAD MARKINGS SHALL BE IN ACCORDANCE WITH `THE TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 20016' AND TO THE REQUIREMENTS OF THE LOCAL AUTHORITY.
2. ALL SURFACE MARKINGS SHALL BE SCREED APPLIED IN THERMOPLASTIC MATERIAL COMPLYING WITH BS3262: PART 1, CLASS A. MARKING THICKNESS SHALL BE 4MM + OR - 1MM.
3. ALL SURFACE MARKINGS SHALL BE REFLECTORISED BY MEANS OF SPHERICAL GLASS BEADS TO BSEN1423, CLASS A, PREMIXED DURING COMPOUNDING AT A RATE OF 20% BY WEIGHT AND ADDITIONALLY BY SPHERICAL GLASS BEADS TO BSEN1423, CLASS B, SURFACE APPLIED DURING APPLICATION AT A RATE OF 400-500G/M².
4. THE SKID RESISTANCE OF ALL SURFACE MARKINGS SHALL NOT BE LESS THAN 55.
5. EXACT LOCATIONS OF THE SURFACE MARKINGS SHALL BE AGREED ON SITE WITH THE ENGINEER PRIOR TO THEIR PERMANENT APPLICATION.

CONSTRUCTION ISSUE

NOTE: ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE ESSEX COUNTY COUNCIL DEVELOPMENT CONSTRUCTION MANUAL

0m 2m 10m

Scale: 1:250 @ A1

Rev	Description	Drn	Chk	App	Date
C	LOCATION PLAN & STREET NAME ADDED	AF	AF	BB	09.03.26
B	CONSTRUCTION ISSUE	AF	AF	BB	11.11.24
A	DRAGONS TEETH' ROAD MARKING REPOSITIONED	AF	AF	BB	01.10.24

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Client: BLOOR HOMES

Project Title: DUNTON ROAD, BASILDON

Drawing Title: DUNTON ROAD SPEED REDUCTION TRO PLAN

A1 Scale	Date	Designed by
1:250	AUG 2024	AF
Drawn by: AF	Checked by	Approved by

Drawing Number: PA558-EN-140 Rev C

user name: andrew fineran