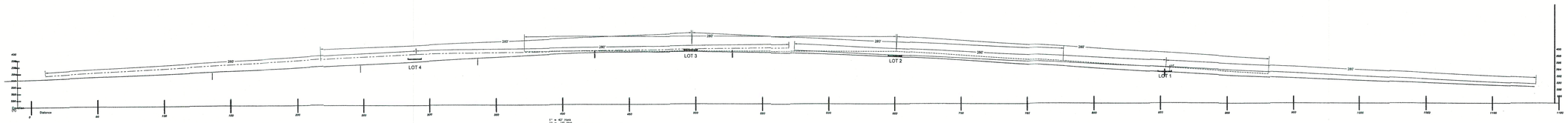
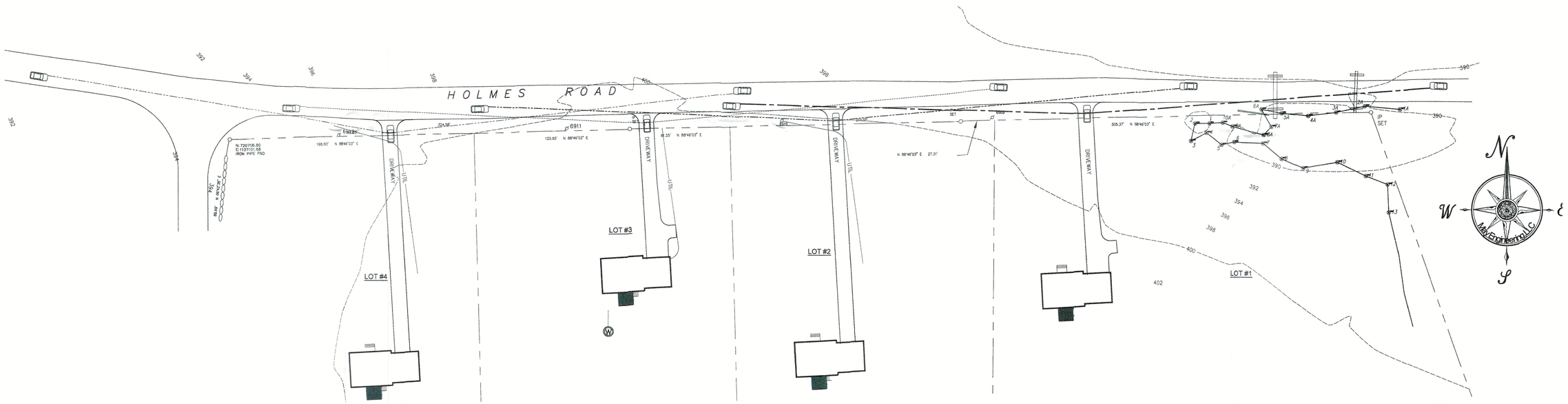


Vertical Profile of Holmes Rd.



Traffic Sightline Data

Reference

1) American Association of State Highway and Transportation Officials (ASHTO)

Stopping Sight Distance on Level Roadways

- *Design Speed* — *25 mph*
- *Brake Reaction Distance* — *91.9 ft*
- *Stopping Sight Distance* — *155 ft*
- *Intersection Sight Distance* — *Left Turn* *280 ft*; *Right Turn* *240 ft*

2) Sight Distance.

Intersection sight distance should be evaluated at all driveways. However, only intersection sight distance for major commercial driveways will be considered as a controlling design criteria and will require an exception if the minimum values are not met. Residential and minor commercial driveways will not require an exception if the minimum values are not met. The designer should verify that adequate sight distance at an existing drive is not reduced below minimum values, and drive that are already substandard are not made worse.

3) Adequate stopping sight distance, intersection sight distance for proposed driveways and existing driveways have been evaluated and are met for design speed of 25mph.

0 20' 40' 80'

SCALE: 1"= 40'

Legend:

- Monument
- Property Corner
- Utility Pole
- Erosion Crontrol Silt Fence
- Wetlands
- Proposed Grading
- Existing Spot Grade
- Proposed Spot Grade
- Stormwater Flow Direction

STATE OF CONNECTICUT
TIMOTHY A. MAY
No. 23200
LICENSED
PROFESSIONAL ENGINEER
4/28/23

May Engineering LLC
Civil Engineering and Site Planning
1297 RT 163 Oakdale, CT 06370
860 884-9671

Applicant:
Nehantic Highlands Subdivision
Kristen Clarke P.E. & Shelly Harney

Owner:
Port Side Holdings Inc. &
English Harbour Capital Partners LLC
Tenants in Common
207 Clarendon Ave
Southport, NC 28461

Sightline Verification Lots #1-4
Holmes Rd.

HOLMES ROAD
EAST LYME, CT

SCALE: 1"=40'

DATE: 28 April 2023

JOB NUMBER	SHEET
21040	9 of 10