



PROJECT NOTES:

- SEE SHEET C-1 FOR FULL PROJECT NOTES
- SEE CONSTRUCTION SEQUENCING NOTES ON SHEET D-1.
- CONTRACTOR IS TO VERIFY THE LOCATION, DEPTH, AND CONDITION OF THE EXISTING SEWER AND WATER PRIOR TO CONSTRUCTION.
- PROPOSED WATER AND SEWER MAINS TO MAINTAIN 10'-FT OF HORIZONTAL SEPARATION, WHERE SANITARY SEWERS CROSS WATER MAINS, THE SEWER SHALL BE LAID AT SUCH AN ELEVATION THAT THE CROWN OF THE SEWER IS AT LEAST 18 INCHES BELOW THE INVERT OF THE WATER MAIN. IF THE ELEVATION OF THE SEWER CANNOT BE VARIED TO MEET THIS REQUIREMENT, THE WATER MAIN SHALL BE RELOCATED TO PROVIDE THIS SEPARATION OR CONSTRUCTED WITH MECHANICAL JOINT PIPE FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE SEWER. ONE FULL LENGTH OF WATER MAIN SHALL BE CENTERED OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE, WHENEVER IT IS IMPOSSIBLE TO OBTAIN VERTICAL SEPARATION AS STIPULATED ABOVE, BOTH THE WATER MAIN AND SEWER SHALL BE ENCASED IN CONCRETE FOR A MINIMUM DISTANCE OF 10 FEET FROM THE CROSSING POINT OF THE OTHER PIPE AS MEASURED NORMALLY FROM ALL POINTS ALONG THE PIPE.
- PROPOSED GAS AND ELECTRIC SERVICE LOCATIONS TO BE CONFIRMED BY THE UTILITY COMPANY.
- DOWNSPOUT/GUTTER LOCATIONS TO BE COORDINATED WITH ARCHITECT



DATE	REVISIONS
10/2/25	REV. PER PEER REVIEW COMMENTS
09/15/25	REV. PER PEER REVIEW COMMENTS
09/01/25	REVISED LAYOUT
05/09/25	REV. PER PEER REVIEW COMMENTS
03/27/25	REV. PER PEER REVIEW COMMENTS
02/25/25	REV. PER PEER REVIEW COMMENTS
01/21/25	REV. PER INTERNAL REVIEW
12/30/24	REV. PER PEER REVIEW COMMENTS
10/04/24	REV. PER PEER REVIEW COMMENTS
DATE	DESCRIPTION

APPLICANT:

THE HOMES AT MURPHY'S FARM LLC
18 CASSIMERE STREET
ANDOVER, MA 01810

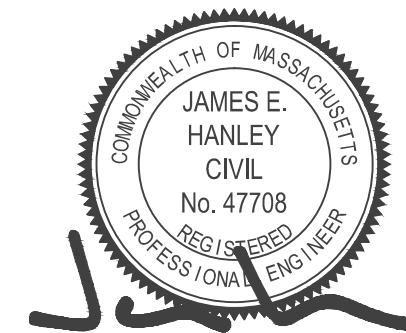
PROJECT:

MURPHY'S FARM
DRACUT, MA 01826

DATE ISSUED: APRIL 22, 2024

PROJECT #: 23-10524

PREPARED BY: TWS



PROFESSIONAL ENGINEER FOR CIVIL DESIGN
CONSULTANTS, INC.



344 North Main Street | Andover, MA 01810
(978) 448-0502 | www.civilcd.com

DRAWING TITLE:

**GRADING, DRAINAGE
& UTILITIES PLAN**

DRAWING #:

C-4A

