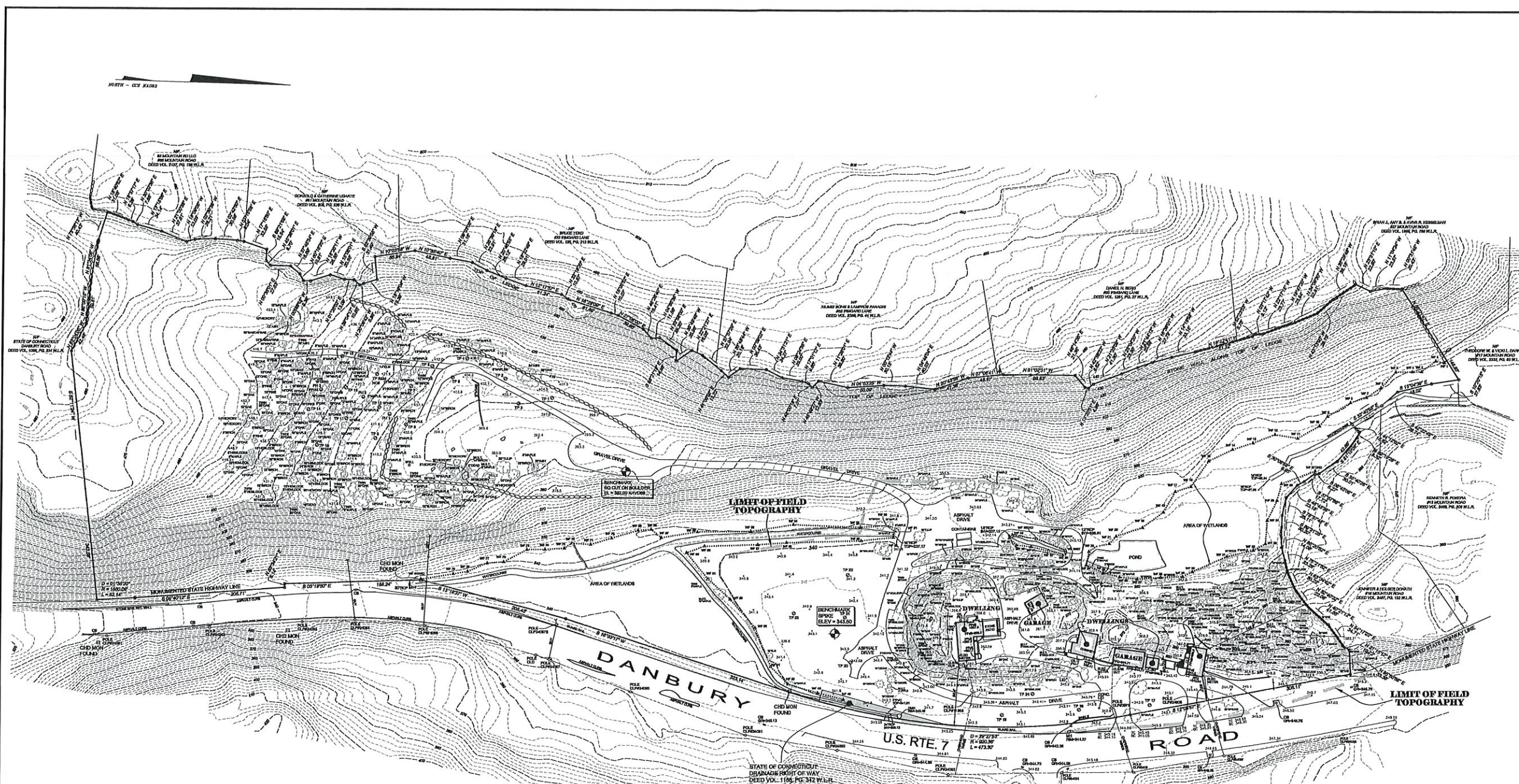




- NOTES:**
1. This survey has been prepared in accordance with Sections 20-300b-1 thru 20-300b-20 of the Regulations of Connecticut State Agencies and the Standards for Surveys and Maps in the State of Connecticut as adopted by the Connecticut Association of Land Surveyors, Inc. as a Property and Topographic Survey by Boundary Determination Category of which is a Resurvey conforming to Horizontal Accuracy Class A-2 and the locations and elevations of which conform to Topographic Accuracy Class T-2. It is intended to depict property boundaries, locations and elevations of improvements and topographic features.
  2. Elevations depicted hereon are based on North American Vertical Datum of 1988 (NAVD88). Computed using GEOID18.
  3. Reference is made to Warranty Deed Vol. 2377, Pg. 182 of Wilton Land Records (W.L.R.).
  4. Reference is made to Warranty Deed Vol. 2373, Pg. 223 of Wilton Land Records (W.L.R.).
  5. Reference is made to Easements and Rights in favor of The State of Connecticut Vol. 1169, Pg. 323 & Vol. 1188, Pg. 342 W.L.R.
  6. Reference is made to Map titled "Connecticut State Highway Department Right of Way Map Town of Wilton Norwalk-Danbury Road From the Gilbert & Bennett Property Northerly About 6,000 Feet Route U.S. 7, Number 549-A, Sheet No. 2 of 2, Dated March 31, 1943.
  7. Reference is made to the following Maps on file with W.L.R.: 105, 1553, 1633, 1637, 2232, 2353, 3206, 3728, 4352, 5184, 5193 & 5791.
  8. Reference is made to Town of Wilton GIS with regard to supplemental topography outside the delineated limits of field located topography.
  9. Reference is made to FEMA Flood Insurance Rate Map (FIRM) Panel No. 09001C0243F, Effective Date 8/18/2010. Subject Parcel does not lie within a Special Flood Hazard Area.
  10. Lot Area = 798,123 S.F. / 18.3223 Acres
  11. Property lies in R-1A Residence Zone.
  12. Limits of Wetland Soils were delineated by Mary Jeonhy, Soil Scientist and field located by Ryan & Faulds.

| ZONING INFORMATION     |                     |
|------------------------|---------------------|
| ITEM                   | REQUIRED/ PERMITTED |
| ZONE: R-1A RESIDENCE   |                     |
| FRONT SETBACK:         | 40'                 |
| REAR:                  | 40'                 |
| SIDE:                  | 30'                 |
| LOT WIDTH:             | 180'                |
| LOT AREA:              | 43,000 S.F.         |
| BUILDING HEIGHT:       | 8'6"                |
| NO. STORIES:           | 2.5                 |
| LOT COVERAGE-BUILDING: | 10% = 79,813 S.F.   |
| LOT COVERAGE-SITE:     | 18% = 119,718 S.F.  |

PROPERTY AND TOPOGRAPHIC SURVEY  
PREPARED FOR  
**CONNECTICUT HUMANE SOCIETY**  
DEPTING  
863 DANBURY AVENUE (U.S. RTE. 7)  
WILTON, CONNECTICUT

JANUARY 20, 2021

**Ryan and Faulds**  
LAND SURVEYORS | A Redress & Mead Company

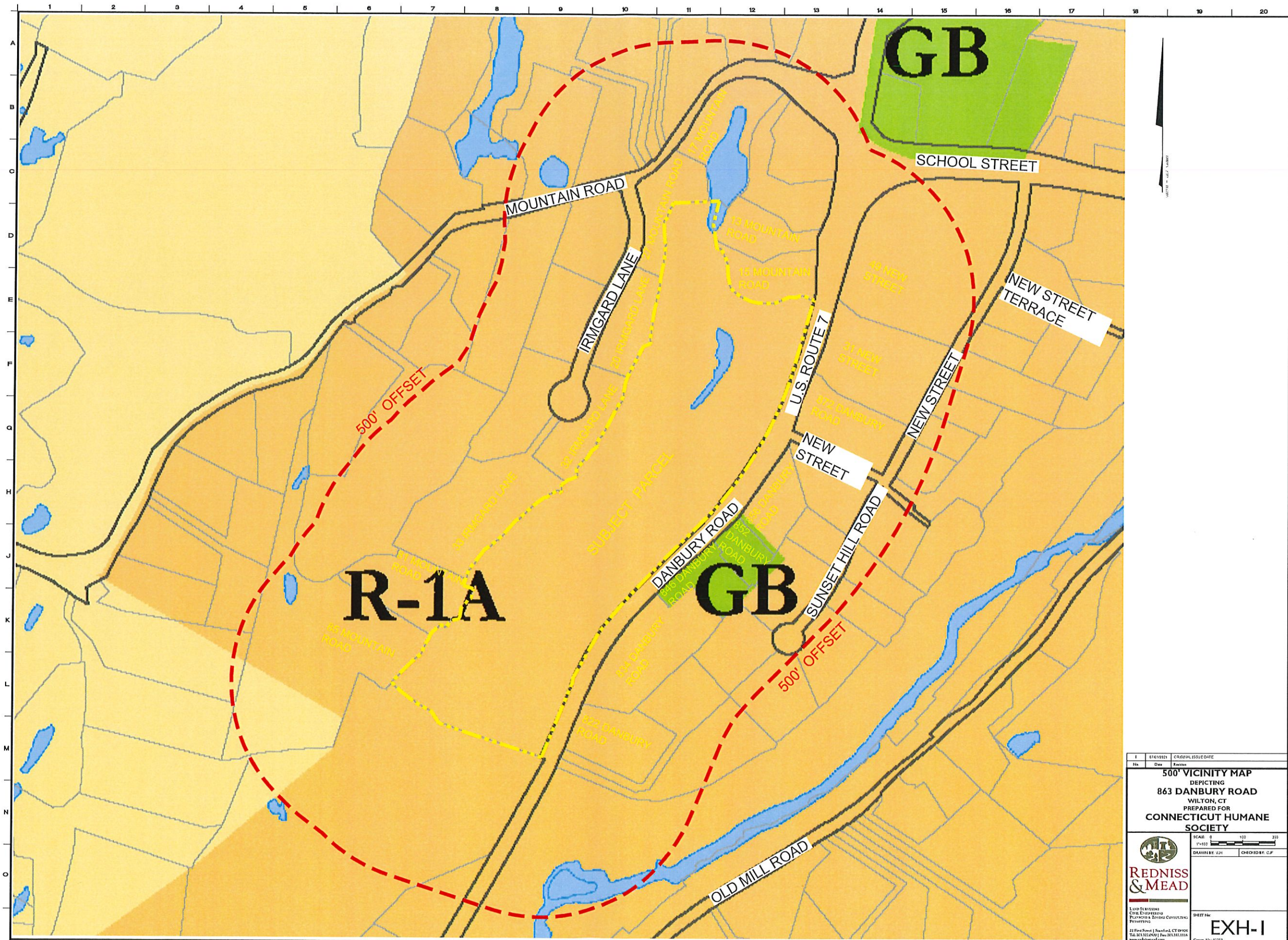
11 GRUMMAN HILL ROAD  
WILTON, CT 06897  
Ph. (203) 782-9492 ryanandfaulds.com

0 60 120  
1"=60'

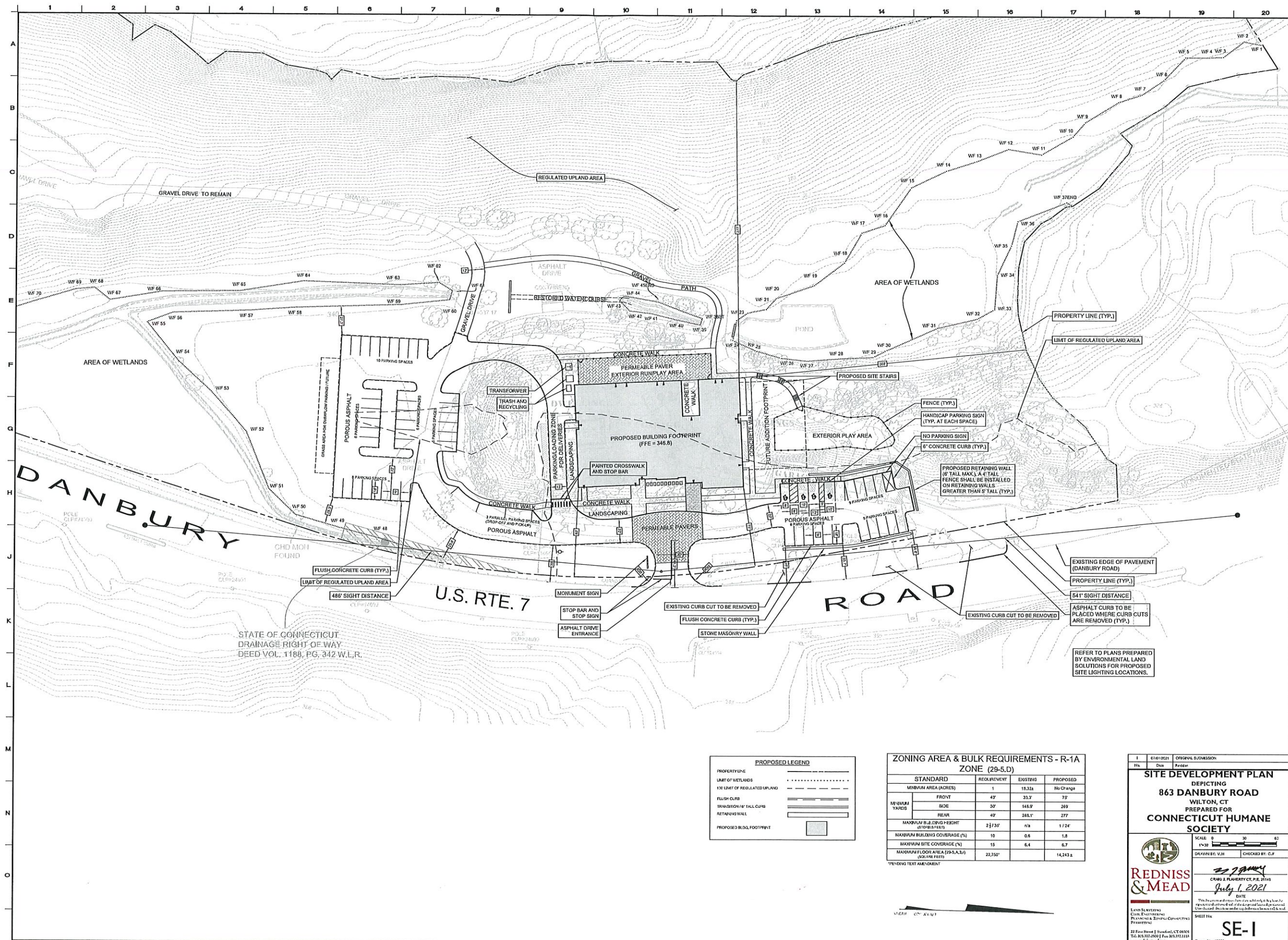
TO MY KNOWLEDGE AND BELIEF  
THIS MAP IS SUBSTANTIALLY  
CORRECT AS NOTED HEREON.

DOUGLAS R. FAULDS  
LAND SURVEYOR CONN. LIC. No. 13292

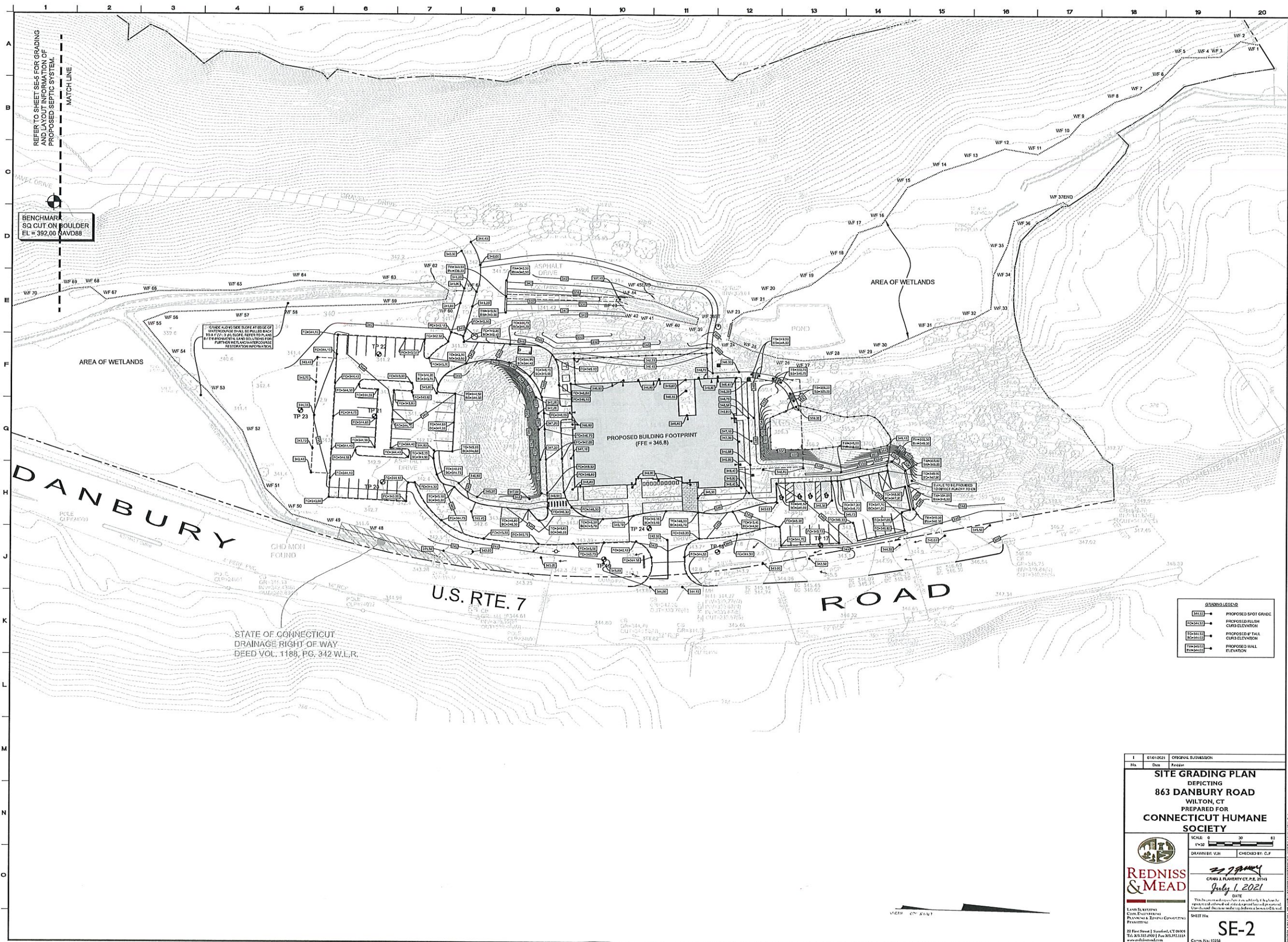












|                                                                             |      |        |
|-----------------------------------------------------------------------------|------|--------|
| 1 07/01/2021 ORIGINAL SUBMISSION                                            |      |        |
| No.                                                                         | Date | Person |
| SITE GRADING PLAN                                                           |      |        |
| DEPICTING                                                                   |      |        |
| 863 DANBURY ROAD                                                            |      |        |
| WILTON, CT                                                                  |      |        |
| PREPARED FOR                                                                |      |        |
| CONNECTICUT HUMANE                                                          |      |        |
| SOCIETY                                                                     |      |        |
| SCALE: 0 30 60                                                              |      |        |
| 1"=30'                                                                      |      |        |
| DRAWN BY: V.J.H. CHECKED BY: C.J.F.                                         |      |        |
| DATE                                                                        |      |        |
| CROSS & FLAHERTY CT. P.E. 21143                                             |      |        |
| July 1, 2021                                                                |      |        |
| This is a true and correct copy of the original as submitted by the client. |      |        |
| Redniss & Mead                                                              |      |        |
| LAND SURVEYING                                                              |      |        |
| CIVIL ENGINEERING                                                           |      |        |
| PLANNING & DESIGN CONSULTING                                                |      |        |
| FRANCONIA, NH                                                               |      |        |
| 31 First Street   Portland, ME 04101                                        |      |        |
| Tel: 603.333.2000   Fax: 603.333.2114                                       |      |        |
| www.redniss.com                                                             |      |        |
| Sheet No: 12345                                                             |      |        |











- |   |          |                     |
|---|----------|---------------------|
| H | C1010231 | ORIGINAL SUBMISSION |
| H | Dm       | Revision            |

# SITE SEPTIC DESIGN PLAN

## DEPICTING

# 863 DANBURY ROAD

## WILTON, CT

## PREPARED FOR

# CONNECTICUT HUMANE SOCIETY



**REDNISS  
& MEAD**

|                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| SCALE<br>1"=30'<br>                                                                                                                                                                                                                                                                                                                             | DRAWN BY: V.J.H.<br>CHECKED BY: C.F. |
| <br>CHRIS J. FLAHERTY, C.T. P.E. 21148<br><i>July 1, 2021</i><br>DATE<br>This is a true and correct copy of the original plan as prepared, drawn and submitted and of the design proposed for approval. I am a duly Licensed Professional Engineer in the State of Connecticut. I have not been convicted of a crime involving moral turpitude. |                                      |
| SHEET No. <span style="font-size: 2em; font-weight: bold;">SE-5</span>                                                                                                                                                                                                                                                                                                                                                               |                                      |

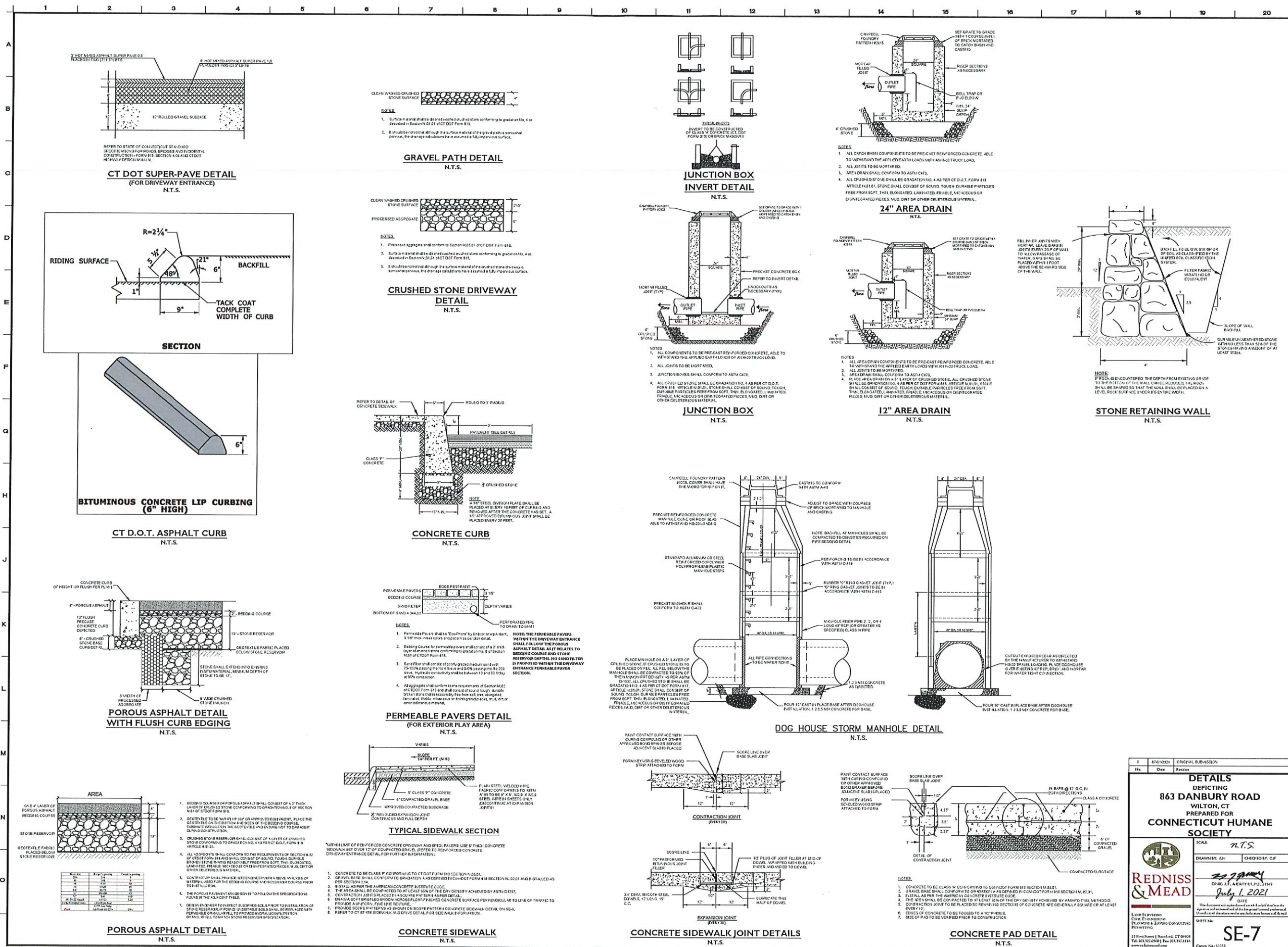
LAND SURVEYING  
 CIVIL ENGINEERING  
 PLUMBING & DRAINING CONSTRUCTION  
 FOUNDATIONS

221 East Street | Stamford, CT 06905  
 Tel: 203.378.0100 | Fax: 203.378.0151  
[www.rednissandmead.com](http://www.rednissandmead.com)

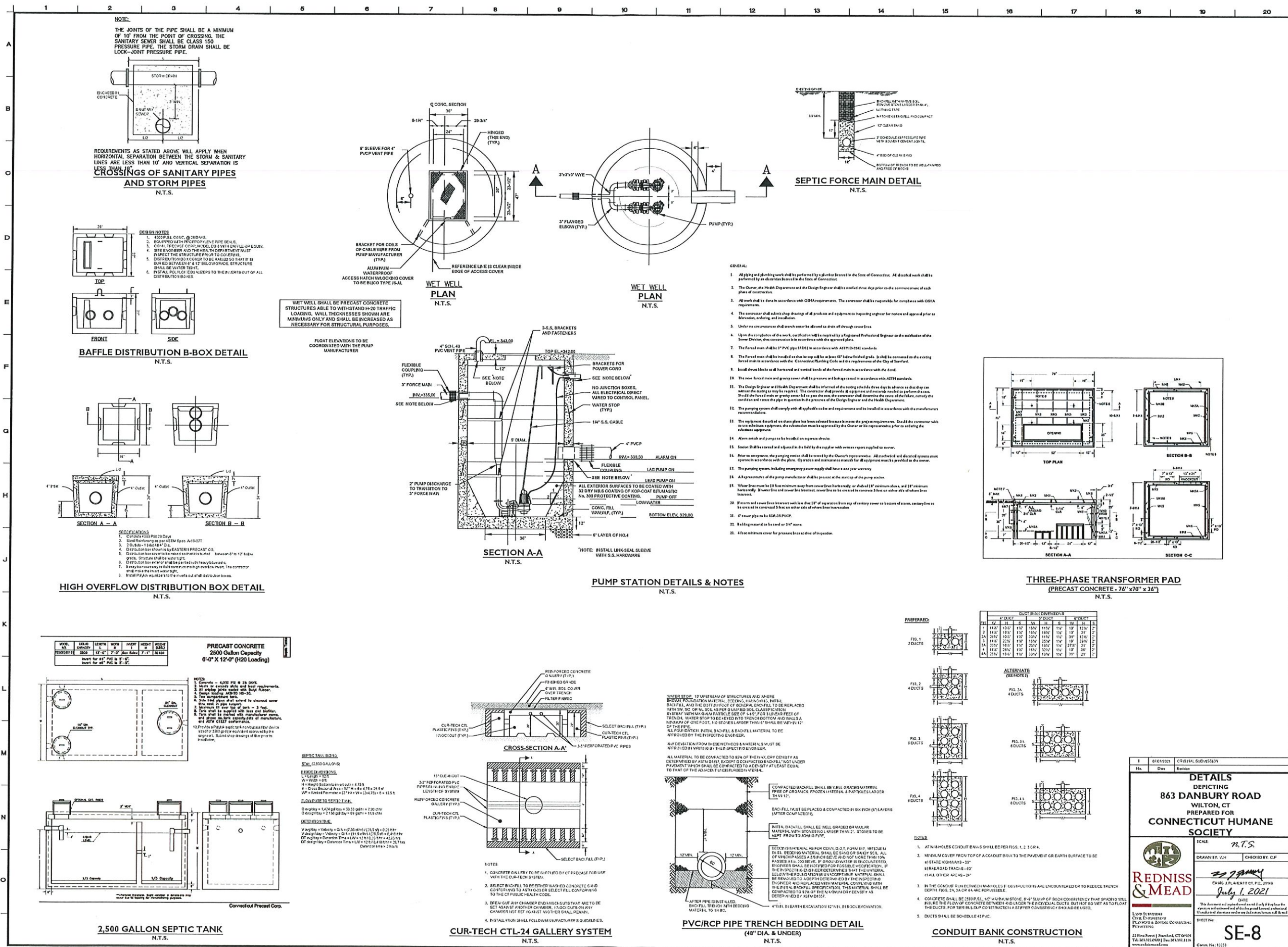














|   |                                                                                                                                                                                                                                                                                                                                                                                                                            |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |    |    |    |    |    |    |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|----|----|----|
|   | 1                                                                                                                                                                                                                                                                                                                                                                                                                          | 2 | 3 | 4 | 5                                                                                                                                                                                                                                                                                                                                                                                                                    | 6 | 7 | 8 | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10 | 11 | 12 | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| A | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 1<br/>Inspector: VJH<br/>Ledge at: 43"<br/>Water at: 36"<br/>Date: 03/02/2021<br/>Sanitarian: Jennifer Zbell<br/>Mottling at: N/A<br/>Roots at: 24"<br/>Depth: 43"<br/>Soil Description<br/>0'-4"<br/>8"-24"<br/>24"-43"<br/>Topsoil<br/>Orange brown silty loam with sand<br/>Brown silty loam with sand &amp; fractured rock</div>                   |   |   |   | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 11<br/>Inspector: VJH<br/>Ledge at: 47"<br/>Water at: N/A<br/>Date: 03/02/2021<br/>Sanitarian: Jennifer Zbell<br/>Mottling at: N/A<br/>Roots at: 36"<br/>Depth: 47"<br/>Soil Description<br/>0'-11"<br/>11"-47"<br/>Topsoil<br/>Orange brown silty loam with rock</div>                                                                          |   |   |   | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 21<br/>Inspector: VJH<br/>Ledge at: 37"<br/>Water at: N/A<br/>Date: 03/03/2021<br/>Sanitarian: N/A<br/>Mottling at: N/A<br/>Roots at: N/A<br/>Depth: 37"<br/>Soil Description<br/>0'-2"<br/>3"-37"<br/>Topsoil<br/>General fill</div>                                                                                                                                                                                                                                                                                                                                                                                                                |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |    |    |    |    |    |    |
| B | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 2<br/>Inspector: VJH<br/>Ledge at: 27"<br/>Water at: 9"<br/>Date: 03/02/2021<br/>Sanitarian: Jennifer Zbell<br/>Mottling at: 7"<br/>Roots at: N/A<br/>Depth: 27"<br/>Soil Description<br/>0'-5"<br/>6"-27"<br/>Topsoil<br/>Orange brown silty loam with fractured rock<br/>Note: Seepage @ 7"</div>                                                    |   |   |   | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 12<br/>Inspector: VJH<br/>Ledge at: 44"<br/>Water at: N/A<br/>Date: 03/02/2021<br/>Sanitarian: Jennifer Zbell<br/>Mottling at: N/A<br/>Roots at: 33"<br/>Depth: 44"<br/>Soil Description<br/>0'-8"<br/>8"-44"<br/>Topsoil<br/>Orange brown silty loam with rock &amp; boulders</div>                                                             |   |   |   | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 22<br/>Inspector: VJH<br/>Ledge at: 35"<br/>Water at: 35"<br/>Date: 03/03/2021<br/>Sanitarian: N/A<br/>Mottling at: N/A<br/>Roots at: N/A<br/>Depth: 39"<br/>Soil Description<br/>0'-2"<br/>3"-39"<br/>Topsoil<br/>General fill<br/>Note: Seepage @ 17"</div>                                                                                                                                                                                                                                                                                                                                                                                        |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |    |    |    |    |    |    |
| C | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 3<br/>Inspector: VJH<br/>Ledge at: 38"<br/>Water at: 34"<br/>Date: 03/02/2021<br/>Sanitarian: Jennifer Zbell<br/>Mottling at: N/A<br/>Roots at: N/A<br/>Depth: 38"<br/>Soil Description<br/>0'-6"<br/>6'-18"<br/>18"-38"<br/>Topsoil<br/>Brown silty loam<br/>Brown silty loam with trace sand &amp; fractured rock</div>                              |   |   |   | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 13<br/>Inspector: VJH<br/>Ledge at: 48"<br/>Water at: N/A<br/>Date: 03/02/2021<br/>Sanitarian: Jennifer Zbell<br/>Mottling at: N/A<br/>Roots at: 35"<br/>Depth: 48"<br/>Soil Description<br/>0'-7"<br/>7'-48"<br/>Topsoil<br/>Orange brown silty loam with rock</div>                                                                            |   |   |   | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 23<br/>Inspector: VJH<br/>Ledge at: 50"<br/>Water at: N/A<br/>Date: 03/03/2021<br/>Sanitarian: N/A<br/>Mottling at: 28"<br/>Roots at: N/A<br/>Depth: 50"<br/>Soil Description<br/>0'-6"<br/>6'-28"<br/>Original topsoil (mottling above)<br/>Brown silty loam with sand &amp; rock</div>                                                                                                                                                                                                                                                                                                                                                             |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |    |    |    |    |    |    |
| D | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 4<br/>Inspector: VJH<br/>Ledge at: 30"<br/>Water at: 17"<br/>Date: 03/02/2021<br/>Sanitarian: Jennifer Zbell<br/>Mottling at: 8"<br/>Roots at: N/A<br/>Depth: 30"<br/>Soil Description<br/>0'-8"<br/>8"-30"<br/>Topsoil<br/>Brown silty loam with rock &amp; mottles</div>                                                                             |   |   |   | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 14<br/>Inspector: VJH<br/>Ledge at: 26"<br/>Water at: N/A<br/>Date: 03/02/2021<br/>Sanitarian: Jennifer Zbell<br/>Mottling at: N/A<br/>Roots at: 35"<br/>Depth: 26"<br/>Soil Description<br/>0'-6"<br/>6'-26"<br/>Topsoil<br/>Orange brown silty loam with rock &amp; boulders</div>                                                             |   |   |   | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 24<br/>Inspector: VJH<br/>Ledge at: 28"<br/>Water at: 10"<br/>Date: 03/03/2021<br/>Sanitarian: N/A<br/>Mottling at: 16"<br/>Roots at: 12"<br/>Depth: 28"<br/>Soil Description<br/>0'-7"<br/>7'-16"<br/>16'-28"<br/>Topsoil<br/>Brown silty loam<br/>Orange brown silty loam</div>                                                                                                                                                                                                                                                                                                                                                                    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |    |    |    |    |    |    |
| E | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 5<br/>Inspector: VJH<br/>Ledge at: 27"<br/>Water at: 23"<br/>Date: 03/02/2021<br/>Sanitarian: Jennifer Zbell<br/>Mottling at: 23"<br/>Roots at: 19"<br/>Depth: 27"<br/>Soil Description<br/>0'-4"<br/>4'-27"<br/>Topsoil<br/>Orange brown silty loam with sand</div>                                                                                   |   |   |   | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 15<br/>Inspector: VJH<br/>Ledge at: 37"<br/>Water at: N/A<br/>Date: 03/02/2021<br/>Sanitarian: Jennifer Zbell<br/>Mottling at: N/A<br/>Roots at: 29"<br/>Depth: 37"<br/>Soil Description<br/>0'-9"<br/>9'-37"<br/>Topsoil<br/>Orange brown silty loam</div>                                                                                      |   |   |   | <div>Recorded By: AJP<br/>Hole: 1<br/>Depth: 18.5"<br/>2:00 PM<br/>Date: 03/03/21<br/>Project: 10258<br/>Diameter: 8"<br/>19:39 hrs<br/>Minimum Uniform Drop: 12/16 inches in 5 minutes<br/>Percolation Rate = 1" drop in 6.67 minutes<br/>Time Reading In Inches Total Increment Drop In Inches<br/>9:39 AM 6 8/16 -<br/>9:44 AM 10 2/16 3 10/16<br/>9:49 AM 11 6/16 1 4/16<br/>9:54 AM 12 4/16 1 4/16<br/>9:59 AM 13 12/16<br/>10:04 AM 13 12/16 12/16<br/>10:09 AM 14 8/16 12/16<br/>10:14 AM 5 8/16 REFILL<br/>10:19 AM 8 12/16 3 4/16<br/>10:24 AM 10 1 4/16<br/>10:29 AM 11<br/>10:34 AM 11 12/16 12/16<br/>10:39 AM 12 8/16 12/16<br/>10:44 AM 13 4/16 12/16</div>                                                |    |    |    | <div>Recorded By: AJP<br/>Hole: 2<br/>Depth: 15"<br/>2:00 PM<br/>Date: 03/03/21<br/>Project: 10258<br/>Diameter: 8"<br/>19:35 hrs<br/>Minimum Uniform Drop: 12/16 inches in 5 minutes<br/>Percolation Rate = 1" drop in 6.67 minutes<br/>Time Reading In Inches Total Increment Drop In Inches<br/>9:35 AM 6 -<br/>9:40 AM 8 2<br/>9:45 AM 9 1<br/>9:50 AM 10 1<br/>9:55 AM 10 12/16 12/16<br/>10:00 AM 11 6/16 10/16<br/>10:05 AM 12 10/16<br/>10:10 AM 6 4/16 REFILL<br/>10:15 AM 7 8/16 1 4/16<br/>10:20 AM 8 6/16 1 4/16<br/>10:25 AM 9 4/16 1 4/16<br/>10:30 AM 10 12/16<br/>10:35 AM 10 12/16 12/16<br/>10:40 AM 11 8/16 12/16</div> |    |    |    |    |    |    |    |
| F | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 6<br/>Inspector: VJH<br/>Ledge at: 40"<br/>Water at: 4"<br/>Date: 03/02/2021<br/>Sanitarian: Jennifer Zbell<br/>Mottling at: N/A<br/>Roots at: N/A<br/>Depth: 40"<br/>Soil Description<br/>0'-5"<br/>5'-40"<br/>Topsoil<br/>Brown silty loam<br/>Note: Seepage @ 12"</div>                                                                             |   |   |   | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 16<br/>Inspector: VJH<br/>Ledge at: 41"<br/>Water at: N/A<br/>Date: 03/02/2021<br/>Sanitarian: Jennifer Zbell<br/>Mottling at: N/A<br/>Roots at: 22"<br/>Depth: 41"<br/>Soil Description<br/>0'-8"<br/>8'-24"<br/>24'-41"<br/>Topsoil<br/>Orange brown silty loam<br/>Grey silty fine sandy loam</div>                                           |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |    |    |    |    |    |    |
| G | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 7<br/>Inspector: VJH<br/>Ledge at: 44"<br/>Water at: N/A<br/>Date: 03/02/2021<br/>Sanitarian: Jennifer Zbell<br/>Mottling at: N/A<br/>Roots at: 27"<br/>Depth: 44"<br/>Soil Description<br/>0'-7"<br/>7'-14"<br/>14'-44"<br/>Topsoil<br/>Brown silty loam<br/>Orange brown silty loam with sand</div>                                                  |   |   |   | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 17<br/>Inspector: VJH<br/>Ledge at: 32" @ time of reading<br/>Water at: 32" @ time of reading<br/>Date: 03/03/2021<br/>Sanitarian: N/A<br/>Mottling at: 12"<br/>Roots at: 24"<br/>Depth: 36"<br/>Soil Description<br/>0'-5"<br/>5'-36"<br/>Topsoil<br/>Brown silty loam<br/>Note: Seepage @ 15"</div>                                            |   |   |   | <div>Recorded By: AJP<br/>Hole: 3<br/>Depth: 18"<br/>2:00 PM<br/>Date: 03/03/21<br/>Project: 10258<br/>Diameter: 8"<br/>19:35 hrs<br/>Minimum Uniform Drop: 8/16 inches in 5 minutes<br/>Percolation Rate = 1" drop in 10.00 minutes<br/>Time Reading In Inches Total Increment Drop In Inches<br/>9:37 AM 6<br/>9:42 AM 8 10/16 2 10/16<br/>9:47 AM 10 2/16 1 8/16<br/>9:52 AM 11 2/16 1<br/>9:57 AM 11 14/16 12/16<br/>10:02 AM 12 10/16 12/16<br/>10:07 AM 13 6/16 12/16<br/>10:12 AM 6 6/16 REFILL<br/>10:17 AM 8 4/16 1 14/16<br/>10:22 AM 9 4/16 1<br/>10:27 AM 10 4/16 1<br/>10:32 AM 12 1 12/16<br/>10:37 AM 12 10/16 10/16<br/>10:42 AM 13 2/16 8/16<br/>10:47 AM 13 10/16 8/16<br/>10:52 AM 14 2/16 8/16</div> |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |    |    |    |    |    |    |
| H | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 8<br/>Inspector: VJH<br/>Ledge at: 54"<br/>Water at: N/A<br/>Date: 03/02/2021<br/>Sanitarian: Jennifer Zbell<br/>Mottling at: N/A<br/>Roots at: 35"<br/>Depth: 54"<br/>Soil Description<br/>0'-9"<br/>9'-16"<br/>16'-31"<br/>31'-54"<br/>Topsoil<br/>Brown silty loam<br/>Orange brown silty loam<br/>Brown silty loam with fine sand &amp; rock</div> |   |   |   | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 18<br/>Inspector: VJH<br/>Ledge at: N/A<br/>Water at: 11"<br/>Date: 03/03/2021<br/>Sanitarian: N/A<br/>Mottling at: 9"<br/>Roots at: N/A<br/>Depth: 11"<br/>Soil Description<br/>0'-8"<br/>8'-16"<br/>Topsoil<br/>Brown silty loam</div>                                                                                                         |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |    |    |    |    |    |    |
| J | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 9<br/>Inspector: VJH<br/>Ledge at: 34"<br/>Water at: N/A<br/>Date: 03/02/2021<br/>Sanitarian: Jennifer Zbell<br/>Mottling at: N/A<br/>Roots at: 32"<br/>Depth: 34"<br/>Soil Description<br/>0'-9"<br/>9'-34"<br/>Topsoil<br/>Orange brown silty loam with rock</div>                                                                                   |   |   |   | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 19<br/>Inspector: VJH<br/>Ledge at: N/A<br/>Water at: 17"<br/>Date: 03/03/2021<br/>Sanitarian: N/A<br/>Mottling at: N/A<br/>Roots at: N/A<br/>Depth: 36"<br/>Soil Description<br/>0'-5"<br/>5'-13"<br/>13'-36"<br/>Topsoil<br/>Brown silty loam<br/>Brown slurry</div>                                                                           |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |    |    |    |    |    |    |
| K | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 10<br/>Inspector: VJH<br/>Ledge at: 37"<br/>Water at: N/A<br/>Date: 03/02/2021<br/>Sanitarian: Jennifer Zbell<br/>Mottling at: N/A<br/>Roots at: 24"<br/>Depth: 37"<br/>Soil Description<br/>0'-5"<br/>5'-37"<br/>Topsoil<br/>Orange brown silty loam with rock</div>                                                                                  |   |   |   | <div>Subsurface Soil Investigation<br/>Soil Profile<br/>Test Pit #: 20<br/>Inspector: VJH<br/>Ledge at: 54"<br/>Water at: 54"<br/>Date: 03/03/2021<br/>Sanitarian: N/A<br/>Mottling at: 3"<br/>Roots at: N/A<br/>Depth: 59"<br/>Soil Description<br/>0'-3"<br/>3'-41"<br/>41'-46"<br/>46'-54"<br/>Topsoil<br/>General fill (mottling directly above)<br/>Original topsoil<br/>Brown silty loam with fine sands</div> |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |    |    |    |    |    |    |
| L |                                                                                                                                                                                                                                                                                                                                                                                                                            |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |    |    |    |    |    |    |
| M |                                                                                                                                                                                                                                                                                                                                                                                                                            |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |    |    |    |    |    |    |
| N |                                                                                                                                                                                                                                                                                                                                                                                                                            |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |    |    |    |    |    |    |
| O |                                                                                                                                                                                                                                                                                                                                                                                                                            |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |    |    |    |    |    |    |

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| 1                                                                                                                                                                                                                   | 07610321 | CS/21AL, SJD/05520 |
| No                                                                                                                                                                                                                  | Draw     | Review             |
| <b>SOIL DATA</b><br>DEPICTING<br>863 DANBURY ROAD<br>WILTON, CT<br>PREPARED FOR<br>CONNECTICUT HUMANE<br>SOCIETY                                                                                                    |          |                    |
| SCALE: <i>N.T.S.</i>                                                                                                                                                                                                |          |                    |
| DRAWN BY: VJH CHECKED BY: CJP                                                                                                                                                                                       |          |                    |
| <i>22 JANUARY</i><br>CHAS J. FLAHERTY CT. P.E. 21115<br><i>July 1, 2021</i><br>DATE                                                                                                                                 |          |                    |
| This document was prepared and used only by the person or persons named on the title page and is not to be used for any other purpose without the written consent of the person or persons named on the title page. |          |                    |
| LLOYD E. REDNISS<br>CIVIL ENGINEERING<br>PLANNING & DESIGN CONSULTING<br>PERMITS<br>21 First Street   New Canaan, CT 06840<br>Tel: 203.263.0001   Fax: 203.263.0114<br>www.lredniss.com                             |          |                    |
| SHEET No: <b>SE-9</b><br>Curren No: 12259                                                                                                                                                                           |          |                    |



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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|
| KEYNOTE:                                                                                                                                                                                                                               |  | DRAWING TITLE:                                                                        |  |
|                                                                                                                                                                                                                                        |  | LANDSCAPE PLAN                                                                        |  |
|                                                                                                                                                                                                                                        |  | PROJECT:                                                                              |  |
|                                                                                                                                                                                                                                        |  | CONNECTICUT HUMAN SOCIETY                                                             |  |
|                                                                                                                                                                                                                                        |  | 863 DANBURY ROAD                                                                      |  |
|                                                                                                                                                                                                                                        |  | WILTON, CONNECTICUT                                                                   |  |
|                                                                                                                                                   |  |  |  |
| <b>ENVIRONMENTAL LAND SOLUTIONS, LLC</b><br>Landscape Architecture and Environmental Planning<br>8 KNIGHT STREET, SUITE 203<br>NORWALK, CONNECTICUT 06851<br>Tel: (203) 855-7879 Fax: (203) 855-7836<br>Info@elsllc.net www.elsllc.net |  | DATE: JULY 1, 2021<br>SCALE: 1"=30'<br>DRAWING NO: <b>LP.1</b>                        |  |



GENERAL INVASIVE PLANT SPECIES CONTROL NOTES:

1. REMOVAL OF NONNATIVE INVASIVE PLANTS TO BE ONGOING OVER A THREE (3) YEAR PERIOD (OR LONGER). SCOPE OF WORK MAY VARY YEAR TO YEAR BASED ON FINANCIAL LIMITATIONS.
2. THE LANDSCAPE CONTRACTOR SHALL CONTACT THE PROJECT ENVIRONMENTAL CONSULTANT WITH ANY QUESTIONS REGARDING THE CONTROL OR IDENTIFICATION OF INVASIVE NONNATIVE SPECIES.
3. THE LANDSCAPE CONTRACTOR SHALL FOLLOW THE METHODS AND RECOMMENDATIONS RECOMMENDED BY THE HERBICIDE MANUFACTURER AND COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS. A PERMIT FROM DEEP IS REQUIRED FOR ANY PESTICIDE APPLICATION TO A BODY OF WATER.
4. ALL CUT OR PULLED INVASIVE NONNATIVE PLANT MATERIALS SHALL BE DISPOSED OF APPROPRIATELY AND COMPLY WITH THE 2004 DEEP / UCONN "GUIDELINES FOR DISPOSAL OF TERRESTRIAL INVASIVE PLANTS." ALL CUTTINGS SHALL BE COLLECTED AND PLACED ONSITE ON A PLASTIC TARP (OR ON AN ASPHALT PAVEMENT AREA) AND SUN DRIED UNTIL DEAD. AVOID CUTTINGS FROM BEING IN CONTACT WITH ANY SOIL. DEAD PLANTS SHALL BE BAGGED AND DEPOSITED AT AN INCINERATOR WASTE FACILITY (NOT A COMPOSTING FACILITY).
5. START CONTROL OF INVASIVE PLANT SPECIES PRIOR TO THE START OF EARTH MOVING ACTIVITIES. CONTROL NONNATIVE INVASIVE SPECIES AS FOLLOWS:
  - A. FOR JAPANESE KNOTWEED, ASIATIC BITTERSWEET, AND MILANTHUS CONTROL.

STEP #1 (PRIOR TO HERBICIDE TREATMENT): CUT PLANT DOWN TO GRADE LEVEL DURING THE GROWING SEASON (LATE SUMMER OR EARLY FALL IS PREFERABLE). REMOVE ASIATIC BITTERSWEET ROOTS IF FEASIBLE. DISPOSE OF CUT PLANT MATERIAL AS OUTLINED ABOVE.

STEP #2: IMMEDIATELY AFTER CUTTING, TREAT CUT STEMS WITH AN APPROPRIATE HERBICIDE (SUCH AS ROUND-UP) AT THE RATE AND METHODS RECOMMENDED BY THE MANUFACTURER. CARE SHALL BE TAKEN TO AVOID HERBICIDE CONTACT WITH NATIVE OR OTHER DESIRABLE VEGETATION.

STEP #3: CHECK CONTROL AREA MONTHLY DURING THE GROWING SEASON FOR NEW GROWTH. SPOT TREAT NEW GROWTH WITH AN APPROPRIATE HERBICIDE AS NEEDED FOR CONTROL.
  - B. FOR MUGWORT CONTROL.

STEP #1: PULL PORCELAINBERRY PLANTS (INCLUDING ROOTS IF FEASIBLE) FROM THE GROUND DURING THE SPRING AND EARLY SUMMER MONTHS. HOWEVER, MANUAL CONTROL MAY BE DIFFICULT BECAUSE OF THEIR HE EXTENSIVE ROOT SYSTEM. IF PORCELAINBERRY IS CUT AT GRADE, TREAT CUT STEMS SYSTEMIC HERBICIDE.

STEP #2: FOLLOW UP WITH BOTH MANUAL REMOVAL AND HERBICIDE TREATMENT MONTHLY UNTIL CONTROLLED.
  - C. FOR PHRAGMITES CONTROL (ONLY IN PROPOSED WORK AREAS).

STEP #1: CUT BACK IN MID SUMMER AND APPLY HERBICIDE (GLYPHOSATE) WHEN REGROWTH REACHES 2-3' TALL. GLYPHOSATE IS MOST ACTIVE IN LATE SUMMER WHEN PHRAGMITES IS IN FULL BLOOM. REPEAT HERBICIDE TREATMENT WILL LIKELY BE NECESSARY.

STEPS 2: AFTER 2 TO 3 WEEKS FOLLOWING HERBICIDE APPLICATIONS, CUT OR MOW DOWN THE STALKS TO STIMULATE THE EMERGENCE AND GROWTH OF OTHER PLANTS PREVIOUSLY SUPPRESSED.
6. CARE SHALL BE TAKEN TO AVOID HERBICIDE CONTACT WITH NATIVE OR OTHER DESIRABLE VEGETATION. IN AREAS WHERE NATIVE PLANTS ARE GROWING NEAR PLANTS TO BE CONTROLLED, THE HERBICIDE SHALL NOT BE SPRAYED ONTO THE TARGET PLANTS. IN THESE AREAS THE HERBICIDE SHALL BE APPLIED WITH A BRUSH OR CLOTH.

JAPANESE KNOTWEED CONTROL:

1. DURING THE FIRST SEASON OF CONTROL (AND AS NEEDED), THE LANDSCAPE CONTRACTOR SHALL MEET ONSITE WITH THE PROJECT LANDSCAPE ARCHITECT TO REVIEW CONTROL OF JAPANESE KNOTWEED AS DESCRIBED BELOW. ADDITIONAL SITE MEETINGS MAY BE WARRANTED AS NEEDED.
2. THE LANDSCAPE CONTRACTOR SHALL CONTINUE THE CONTROL AS OUTLINED BELOW FOR A THREE (3) YEAR CONTINUOUS PERIOD.
3. ALL CUT OR PULLED PLANT MATERIALS SHALL BE DISPOSED OF APPROPRIATELY AND COMPLY WITH THE 2004 DEEP / UCONN "GUIDELINES FOR DISPOSAL OF TERRESTRIAL INVASIVE PLANTS." ALL CUTTINGS SHALL BE COLLECTED AND PLACED ONSITE ON A PLASTIC TARP (OR ON AN ASPHALT PAVEMENT AREA) AND SUN DRIED UNTIL DEAD. AVOID CUTTINGS FROM BEING IN CONTACT WITH ANY SOIL. DEAD PLANTS SHALL BE BAGGED AND DEPOSITED AT AN INCINERATOR WASTE FACILITY (NOT A COMPOSTING FACILITY).
4. JAPANESE KNOTWEED CONTROL SHALL BE AS FOLLOWS WITH MODIFICATIONS AS NEEDED:
  - STEP #1: APRIL - JULY: CUT JAPANESE KNOTWEED MONTHLY TO JUST ABOVE GRADE. ALL CUTTINGS SHALL BE COLLECTED AND PLACE ON A PLASTIC TARP (OR ON AN ASPHALT PAVEMENT AREA) AND SUN DRIED UNTIL DEAD. AVOID CUTTINGS FROM BEING IN CONTACT WITH ANY SOIL. DEAD PLANTS SHALL BE BAGGED AND DEPOSITED AT AN INCINERATOR WASTE FACILITY (NOT A COMPOSTING FACILITY).
  - STEP #2: AUGUST - NOVEMBER: THOROUGHLY TREAT NEW GROWTH WITH AN APPROPRIATE HERBICIDE, SUCH AS ROUNDUP IN UPLAND AREAS AND IMAZAPYR (TRADE NAME: HABITAT) IN WET CONDITIONS, MONTHLY AT THE RATES AND METHODS RECOMMENDED BY THE MANUFACTURER. DO NOT APPLY SO HEAVILY THAT HERBICIDE WILL DRIP OFF LEAVES. DO NOT CUT DOWN TREATED PLANTS UNTIL THE FOLLOWING MARCH.
  - STEP #3: REPEAT STEP #1 AND #2 FOR A THREE YEAR PERIOD OR AS NEEDED IF KNOTWEED STANDS ARE PERSISTENT.
  - STEP #4: WHEN STANDS OF JAPANESE KNOTWEED ARE NO LONGER PERSISTENT, CONTINUE TO INSPECT AREA MONTHLY DURING THE GROWING SEASON. IF JAPANESE KNOTWEED PLANTS ARE FOUND RESPROUTING IN LIMITED AREAS, REMOVE INDIVIDUAL PLANTS BY HAND GRUBBING LEAVES AND ROOTS. ALL GRUBBED PLANT PARTS SHALL BE SUN DRIED UNTIL DEAD AND AVOIDING ANY CONTACT WITH ANY SOIL.
  - STEP #5: AFTER THE TWO THREE YEAR CONTROL PERIOD IF STANDS OF JAPANESE KNOTWEED PLANTS RESPOUT, PROCEED BACK TO STEP #1 ABOVE.

WATERCOURSE RECONSTRUCTION MANAGEMENT NOTES:

1. DO NOT FERTILIZE MITIGATION AREAS UNLESS DIRECTED BY THE PROJECT LANDSCAPE ARCHITECT.
2. MOW MITIGATION SEEDED AREAS MONTHLY TO A 4-6" HEIGHT DURING THE FIRST GROWING SEASON AFTER SEEDING TO CONTROL WEED PLANTS.
3. DURING THE FIRST GROWING SEASON, WATER PLANTINGS AS NEEDED UNTIL THEY BECOME ESTABLISHED.
4. DURING THE FIRST TWO GROWING SEASONS AFTER THE INITIAL SEEDING OF THE RESTORED AREA, RESEEDING BARE AND THINLY VEGETATED AREAS WITH THE SPECIFIED SEED MIXTURE.
5. ROUTINE YEARLY MAINTENANCE:
  - A. REMOVAL OF LITTER, AND DEAD, DISEASED, OR UNHEALTHY PLANT WHICH ARE A SAFETY HAZARD
  - B. REMOVAL OF INVASIVE NONNATIVE PLANT SPECIES CAN BE DONE BY HAND PULLING, CUTTING, OR SPOT HERBICIDE TREATMENTS. NONNATIVE INVASIVE PLANTS PULLED OR CUT SHALL BE LEFT ON THE GROUND SOIL FREE IN A SUNNY LOCATION FOR THEIR ROOTS TO DRY. TUBEROUS WEED PLANTS (SUCH AS JAPANESE KNOTWEED AND PHRAGMITES) SHALL BE LEFT SOIL FREE ON AN IMPERVIOUS BARRIER (SUCH AS BLACK PLASTIC, DRIVEWAYS AND WALKS) UNTIL DEAD SO THAT THEY DO NOT RE-SPROUT. DO NOT REMOVE PULLED OR CUT NONNATIVE INVASIVE PLANTS FROM THE SITE UNTIL DEAD.

WATERCOURSE RECONSTRUCTION NOTES:

1. THE WETLAND CREATION SITE SHALL HAVE A 6-8" LAYER OF WETLAND SOIL MIX CONSISTING OF AN EQUAL VOLUMES OF ORGANIC AND MINERAL MATERIALS. WELL-DECOMPOSED CLEAN LEAF COMPOST IS THE PREFERRED SOIL AMENDMENT TO ACHIEVE THESE STANDARDS. WETLAND SOILS SHALL HAVE A MINIMUM OF 7 TO 21 PERCENT ORGANIC MATTER ON A DRY WEIGHT BASIS. "CLEAN" REFERS TO BEING WEED FREE, CONTAINING A NEGIGIBLE AMOUNT OF PHYSICAL CONTAMINANTS SUCH AS PLASTIC, AND A LACK OF CHEMICAL CONTAMINANTS THAT MIGHT POSE A HAZARD TO PLANTS OR ANIMALS. ONSITE STOCKPILED TOPSOIL MAY BE USED IN WETLAND SOIL MIX IF SUITABLE. COMMERCIAL PEAT IS NOT SUITABLE AS A SOIL AMENDMENTS WITHOUT THE PRIOR APPROVAL OF THE WETLAND SCIENTIST SINCE ITS HARVESTING METHODS ARE GENERALLY DESTRUCTIVE TO WETLANDS.
2. AVOID SOIL COMPACTION BY HEAVY MACHINERY IN THE WATERCOURSE RECREATION AND BUFFER AREAS SINCE THIS MAY ADVERSELY AFFECT PLANTINGS AND/OR MAY RESULT IN PERCHING OF WATER. IF USE OF HEAVY MACHINERY CANNOT BE AVOIDED, LOOSEN BY DISKING OR SOME OTHER TREATMENT TO LOOSEN THE SOIL SURFACE PRIOR TO PLANTING.
3. ADD COARSE WOODY DEBRIS, SUCH AS LOGS, STUMPS, SMALLER BRANCHES, AND STANDING SNAGS (BUT NOT WOOD CHIPS OR MULCH MADE FROM WOOD), OVER THE CREATED WETLAND AREAS. COARSE WOODY DEBRIS SHALL BE IN VARIOUS STAGES OF DECOMPOSITION AND SALVAGED FROM NATURAL AREAS CLEARED FOR THE OTHER ELEMENTS OF THE PROJECT WHERE FEASIBLE. IN AREAS WHICH MAY BECOME FLOODED, ANCHOR OR PARTIALLY BURY SNAGS AND OTHER LARGER COMPONENTS OF WOODY DEBRIS INTO THE SOIL.

PLANTING NOTES:

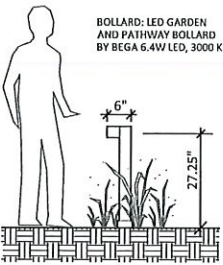
1. CONTACT "CALL BEFORE YOU DIG" AT 1-800-922-4455 TO HAVE UNDERGROUND UTILITY LINES MARKED BY THEM PRIOR TO START OF ANY EXCAVATION WORK.
2. EXACT LOCATION OF PROPOSED PLANTINGS AND SPECIES TYPES MAY VARY FROM THIS PLAN BASED ON SITE PLAN REVISIONS AND/OR ACTUAL FIELD CONDITIONS.
3. SPRAY NEW PLANTINGS IMMEDIATELY AFTER INSTALLATION WITH A WHITE-TAILED DEER REPELLENT AND CONTINUE AS NEEDED TO MAINTAIN PLANTS FREE OF SIGNIFICANT DEER BROWSING.
4. PROTECT NEW DECIDUOUS TREE TRUNKS WITH 4' HT. CHICKEN-WIRE FENCING (OR OTHER PROTECTIVE NETTING) AS NEEDED TO PREVENT DEER RUBBING.
5. PLANT SPECIES SUBSTITUTIONS MAY BE MADE WITH THE APPROVAL OF THE PROJECT LANDSCAPE ARCHITECT PRIOR TO PLANTING. SUBSTITUTED PLANTS SHALL BE AT AN EQUAL OR GREATER SIZE AS NOTED USING A SIMILAR TYPE PLANT.
6. MULCH AREAS AROUND NEW TREES AND SHRUBS WITH A 3" THICK LAYER OF SHREDDED CEDAR BARK MULCH. NEW TREES SHALL EACH HAVE A 5' MIN. DIA. MULCHED BED AND NEW SHRUBS SHALL EACH HAVE A MINIMUM 3' DIAMETER MULCHED BED. AREAS WITHIN 4" OF TREE TRUNKS SHALL BE MAINTAINED FREE OF MULCH.
7. PLANTING METHODS SHALL BE IN ACCORDANCE WITH THE "AMERICAN STANDARDS FOR NURSERY STOCK", LATEST EDITION, AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION.
8. THE CONTRACTOR SHALL VERIFY WITH THE PROJECT ENGINEER THAT THE NEW PLANTINGS DO NOT INTERFERE WITH EXISTING AND/OR PROPOSED UTILITIES, SIGHT LINES, AND/OR STRUCTURES.
9. IN THE EVENT OF A DISCREPANCY BETWEEN THE QUANTITIES OF PLANTS IN THE "PLANT LIST" AND THE ACTUAL QUANTITIES SHOWN ON THE PLAN, THE PLAN SHALL GOVERN.
10. THIS PLAN FOR PLANTING PURPOSES ONLY. SEE PLANS BY OTHERS FOR ADDITIONAL INFORMATION.
11. THE LANDSCAPE CONTRACTOR SHALL TEST THE SOIL IN AREAS TO BE LANDSCAPED FOR DETERMINING THE NEED OF ADDING SOIL AMENDMENTS TO SUPPORT PROPER PLANT GROWTH. SUCH AMENDMENTS SHALL BE PROVIDED BY THE LANDSCAPE CONTRACTOR IF NEEDED.
12. WETLAND PLANT MATERIAL AVAILABLE FROM PINELANDS NURSERY & SUPPLY (800-667-2729). NEW WETLAND PLANTINGS SHALL HAVE BEEN GROWN IN HYDRIC CONDITIONS THAT MIMIC WETLANDS.
13. THE BOULDER DEMARCATION ROW SHALL BE COMPOSED OF TWO-MAN BOULDERS (2 CURB FEET) OR LARGER SPACED A MAXIMUM OF 20' ON CENTER. MAINTAINED LANDSCAPED AREAS (SUCH AS LAWNS) WILL BE PERMITTED TO THE UPHILL SIDE OF THE BOULDER ROW. LAND TO THE DOWN HILL SIDE OF THE BOULDER ROW SHALL BE MAINTAINED IN A NATURAL UNMAINTAINED WOODED STATE (OR UNMANICURED VEGETATIVE STATE) (OR AS A MEADOW THAT IS MOWN ONCE PER YEAR DURING THE LATE FALL OR WINTER MONTHS TO A 4-6" HEIGHT. THE BOULDERS MAY BE PARTIALLY SUNKEN INTO THE GROUND WITH A MINIMUM OF 8-12" EXPOSED ABOUT THE FINAL GRADE.

SEEDING NOTES:

1. SEED AREAS PER PLAN AT THE METHODS AND 125% THE APPLICATION RATE RECOMMENDED BY THE MANUFACTURER. THE SEED SHALL BE SPREAD ON THE PREPARED SOIL, LIGHTLY RAKED TO ESTABLISH GOOD SOIL CONTACT AFTER SOWING, AND MULCHED WITH A 2 INCH LOOSE LAYER OF CLEAN OAT STRAW OR COMMERCIAL WOOD FIBER PRODUCTS APPLIED BY HAND OR BY HYDROSEEDING ON SLOPES LESS THAN 10%. SEEDED AREAS ON SLOPES ON OR GREATER THAN 10% SHALL BE COVERED WITH A PLASTIC-FREE AND 100% BIODEGRADABLE (INCLUDING ANCHOR STAPLES) EROSION CONTROL BLANKET. A NURSE CROP OF PERENNIAL RYE GRASS AT THE RATE OF 40 LBS./ACRE SHALL BE ADDED TO THE SEED MIX ON SLOPES OF EXCESS OF 10% AND AS SPECIFIED. SEED MIX SUBSTITUTIONS SHALL BE EQUIVALENT TO THAT SPECIFIED AND APPROVED BY THE PROJECT LANDSCAPE ARCHITECT PRIOR TO USE. UNLESS OTHERWISE SPECIFIED, MAINTAIN SEEDED AREAS AS RECOMMENDED BY THE MANUFACTURER. EXCEPT FOR LAWN AREAS, DO NOT FERTILIZE AREAS TO BE SEEDED UNLESS SPECIFIED BY THE MANUFACTURER. SEED AREAS AS PER THE FOLLOWING SCHEDULE:
  - A. LAWN (AROUND BUILDING AND PARKING LOT): SEED DISTURBED LAWN AREAS WITH "BLACK BEAUTY FESCUE" OR APPROVED EQUAL, SEEDING RATES SHALL BE AT THE MANUFACTURER'S RECOMMENDED SEEDING RATE. FERTILIZE AT THE RATE, AS RECOMMENDED BY A ON SITE SOIL TEST.
  - B. SHADY LAWN AREAS (ADJACENT TO WALKS WEST OF THE BUILDING: SEED SHADY LAWN AREAS WITH "SMART SEED DENSE SHADE MIX" BY PENNINGTON SEED INC. OR APPROVED EQUIVALENT. APPLY SOIL AMENDMENTS AS RECOMMENDED BY THE MANUFACTURER.
  - C. STEEP SLOPES: SEED THIS AREA WITH "NATIVE STEEP SLOPE MIX WITH ANNUAL RYEGRASS" BY ERNST SEEDS (ERNMX-181).
  - D. WETLAND BUFFERS (UPLAND AREAS): SEED THIS AREA WITH "NEW ENGLAND CONSERVATION / WILDLIFE SEED MIX" BY FROM NEW ENGLAND WETLAND PLANTS, INC. (413-548-8000).
  - E. DAY LIGHTED WATERCOURSE CORRIDOR: SEED THIS AREA WITH "WETMIX" BY NEW ENGLAND WETLAND PLANTS, INC. (413-548-8000).
  - F. WILD FLOWER MEADOW IN PARKING LOT: SEED THIS AREA WITH "SHOWY NORTHEAST NATIVE WILDFLOWER & GRASS MIX", BY ERNST SEED #153.
2. IF SPECIFIED SEEDING CAN NOT OCCUR DUE TO SEASONAL AND WEATHER CONDITIONS, TEMPORARY SEED DISTURBED UPLAND AREAS WITH A MIXTURE OF ANNUAL RYE AT 20 LBS./ACRE, PERENNIAL RYE AT 20 LBS./ACRE, AND REDTOP AT 2 LBS./ACRE AND DISTURBED WETLAND AREAS WITH ANNUAL RYE AT THE RATE OF 30 LBS./ACRE. MULCHING, WITHOUT SEEDING, MAY BE USED DURING THE NON-GROWING SEASON IN ACCORDANCE WITH THE THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL (2002)".
3. THE SEED SHALL BE SPREAD ON PREPARED SOIL, RAKED LIGHTLY TO ESTABLISH GOOD SOIL CONTACT, AND MULCHED WITH A 2 INCH LOOSE LAYER OF CLEAN OAT STRAW OR COMMERCIAL WOOD FIBER PRODUCTS APPLIED BY HAND OR BY HYDROSEEDING ON SLOPES LESS THAN 10%. SEEDED AREAS THAT ARE ON SLOPES ON OR GREATER THAN 10% SHALL BE COVERED WITH AN EROSION CONTROL BLANKET (INCLUDING ANCHOR STAPLES) THAT IS PLASTIC-FREE AND 100% BIODEGRADABLE OR PHOTODEGRADABLE WITHIN TWO YEARS.

LANDSCAPE LIGHTING NOTES:

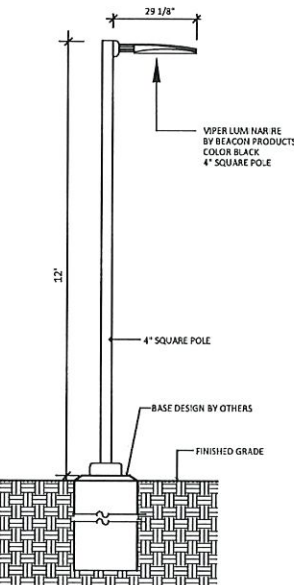
1. SITE LIGHTING INFORMATION ON PLAN WAS PREPARED BY OTHERS AND IS SHOWN ONLY FOR GENERAL REFERENCE PURPOSES.
2. SITE LIGHTING INFORMATION AND LIGHTING PLANS PREPARED BY ENVIRONMENTAL LAND SOLUTIONS, LLC ARE DESIGNED FOR GENERAL LANDSCAPE AESTHETIC PURPOSES ONLY. LIGHTING INFORMATION SHOWN ON THIS PLAN SHALL NOT BE USED FOR SECURITY OR SAFETY PURPOSES.
3. LOCATION AND TYPE OF LIGHT FIXTURES ARE TYPICAL AND MAY VARY BASED ON ACTUAL FIELD CONDITIONS, SITE AND ARCHITECTURAL PLAN REVISIONS, USE OF EXISTING LIGHTING (IF ANY), NEW BUILDING MOUNTED LIGHTING, AESTHETICS, AND CONSULTATIONS WITH LIGHTING CONSULTANT AND/OR MANUFACTURER.
4. THIS PLAN ASSUMES THAT THE BUILDING WILL HAVE WALL MOUNTED FIXTURES (BY OTHERS) TO LIGHT THE FACADE AND ADJACENT LANDSCAPE AREAS (INCLUDING WALKS AND DOORS).
5. INSTALL LIGHT FIXTURES AS RECOMMENDED BY THE MANUFACTURER.
6. LIGHT POLES ADJACENT TO PARKING SPACES SHALL BE SET AT LEAST 3' OFF THE CURB LINE TO PREVENT BEING BUMPED BY VEHICLES.



NOTES:  
1. INSTALL BOLLARD AS RECOMMENDED BY THE MANUFACTURER.

BOLLARD LIGHT

SCALE: NOT TO SCALE



NOTE:  
1. LIGHT FIXTURE & POLE BY BEACON PRODUCTS.  
2. POLE AND FIXTURE COLOR SHALL BE BLACK.  
3. INSTALL LIGHT POLE AND FOOTING PER MANUFACTURER'S RECOMMENDATIONS.

LIGHT POLE (TYP.)

SCALE: NOT TO SCALE

| REVISIONS                                       |  | DRAWING TITLE:                                    |              |
|-------------------------------------------------|--|---------------------------------------------------|--------------|
|                                                 |  | DETAILS AND NOTES                                 |              |
|                                                 |  | PROJECT:                                          |              |
|                                                 |  | CONNECTICUT HUMANE SOCIETY                        |              |
|                                                 |  | 863 DANBURY ROAD                                  |              |
|                                                 |  | WILTON, CONNECTICUT                               |              |
|                                                 |  | SCALE:                                            | DATE:        |
|                                                 |  |                                                   | JULY 1, 2021 |
|                                                 |  | SCALE:                                            | 1"=20'       |
|                                                 |  | DRAWING NO.:                                      | LP.2         |
| ENVIRONMENTAL LANDSCAPE ARCHITECTURE & PLANNING |  | ENVIRONMENTAL LAND SOLUTIONS, LLC                 |              |
|                                                 |  | Landscape Architecture and Environmental Planning |              |
|                                                 |  | 8 KNIGHT STREET, SUITE 203                        |              |
|                                                 |  | NORWALK, CONNECTICUT 06851                        |              |
|                                                 |  | Tel: (203) 855-7879 Fax: (203) 855-7836           |              |
|                                                 |  | info@elsllc.net www.elsllc.net                    |              |





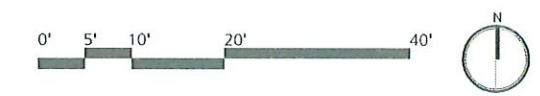
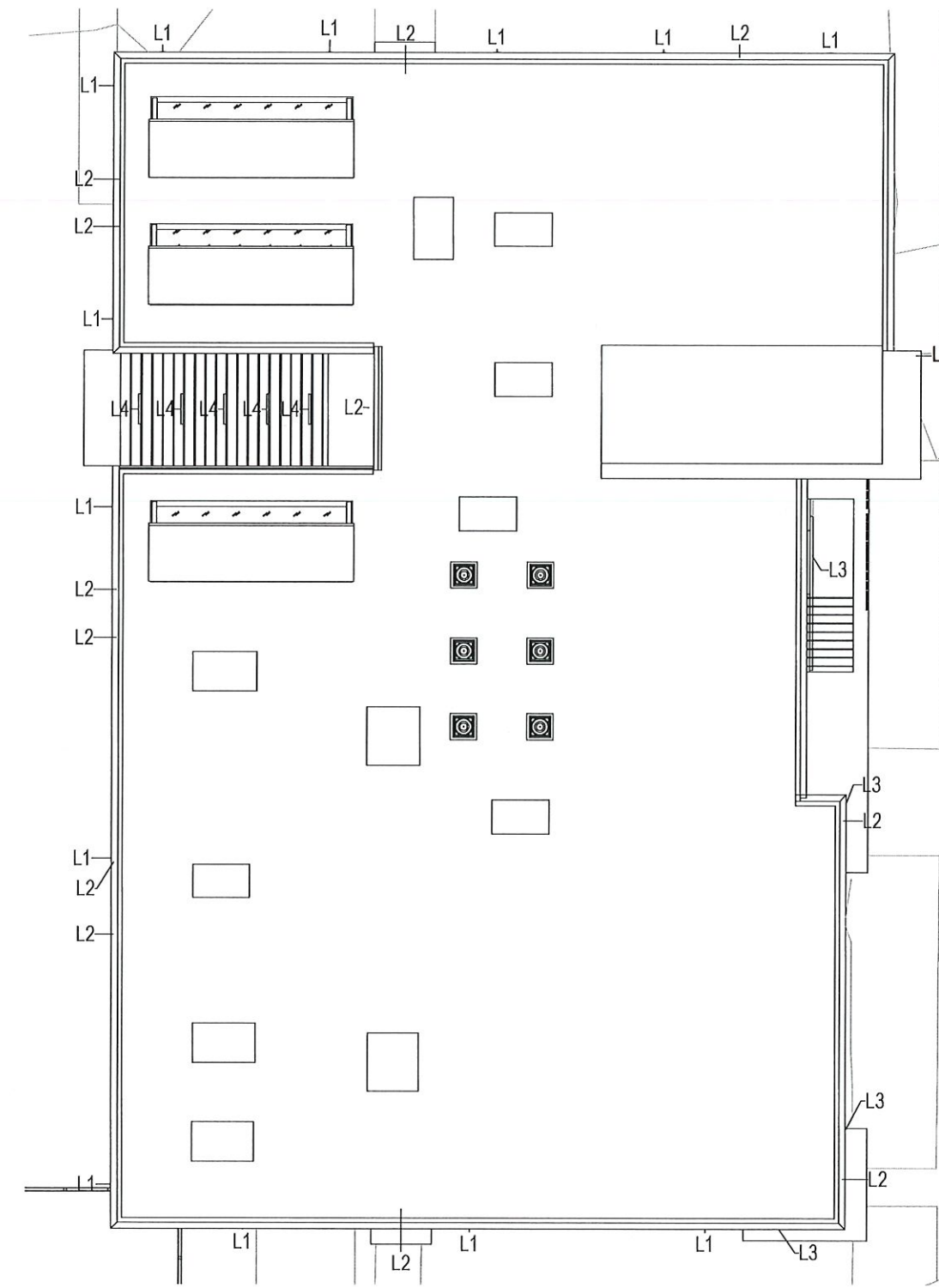
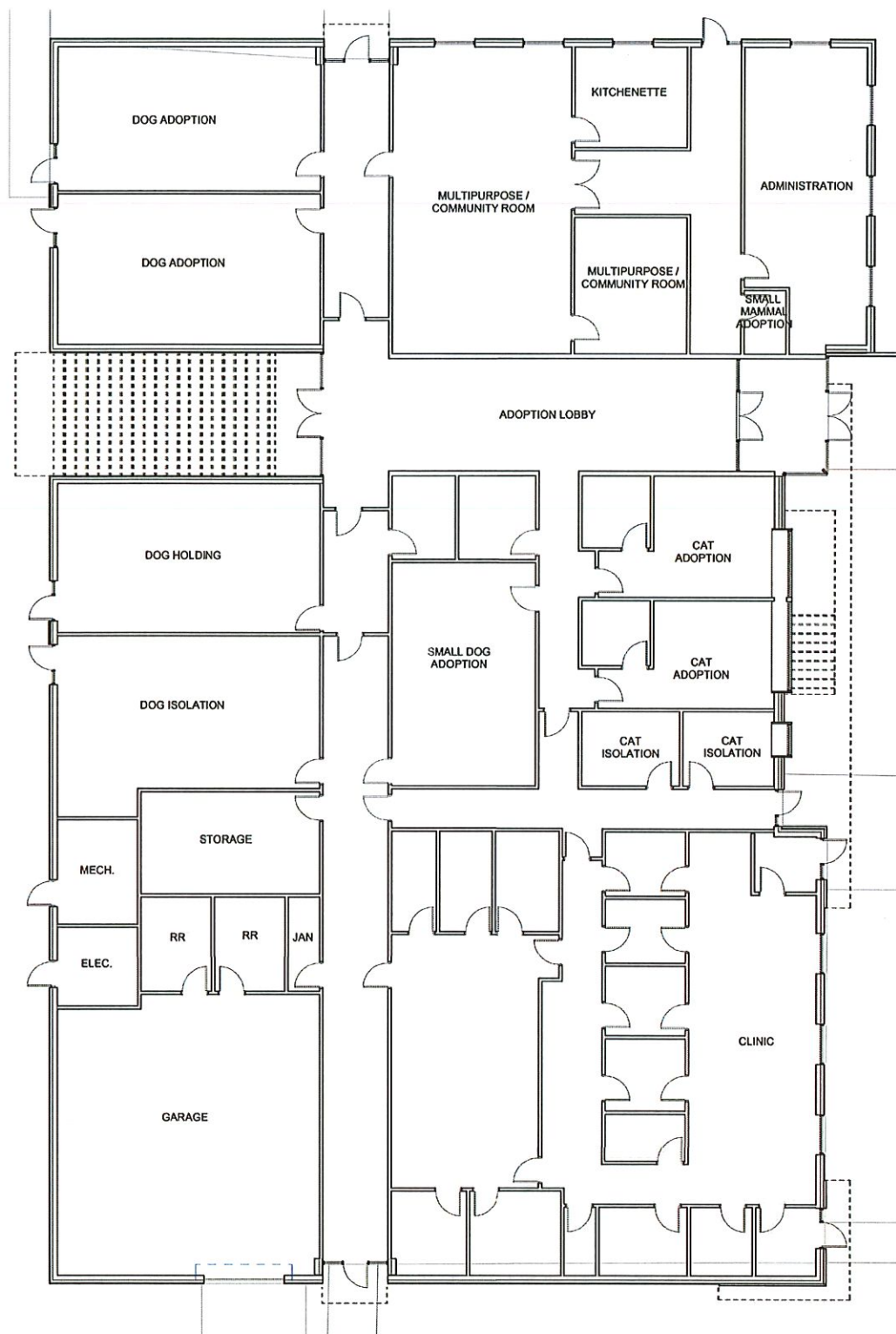
RENDERING

CONNECTICUT HUMANE SOCIETY | PLANNING AND ZONING | JULY 1, 2021

1

AMENTA|EMMA

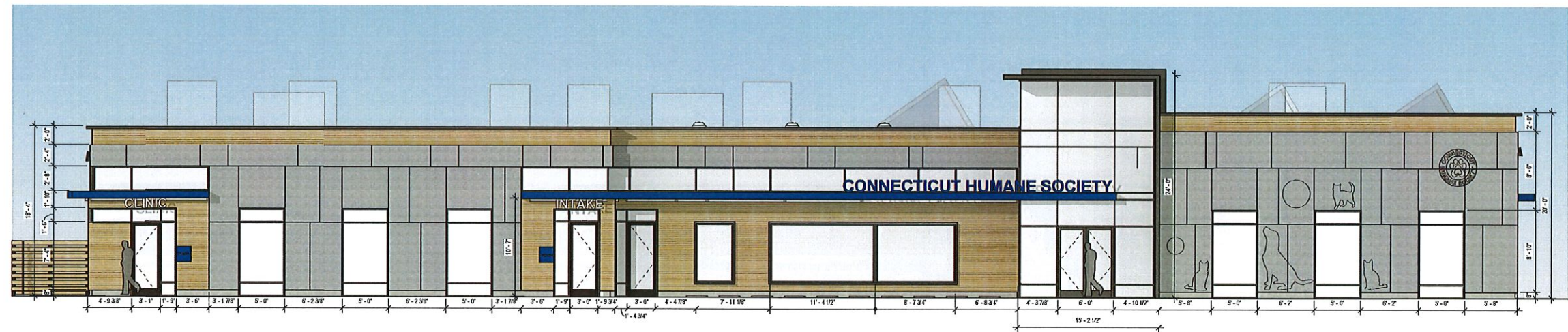
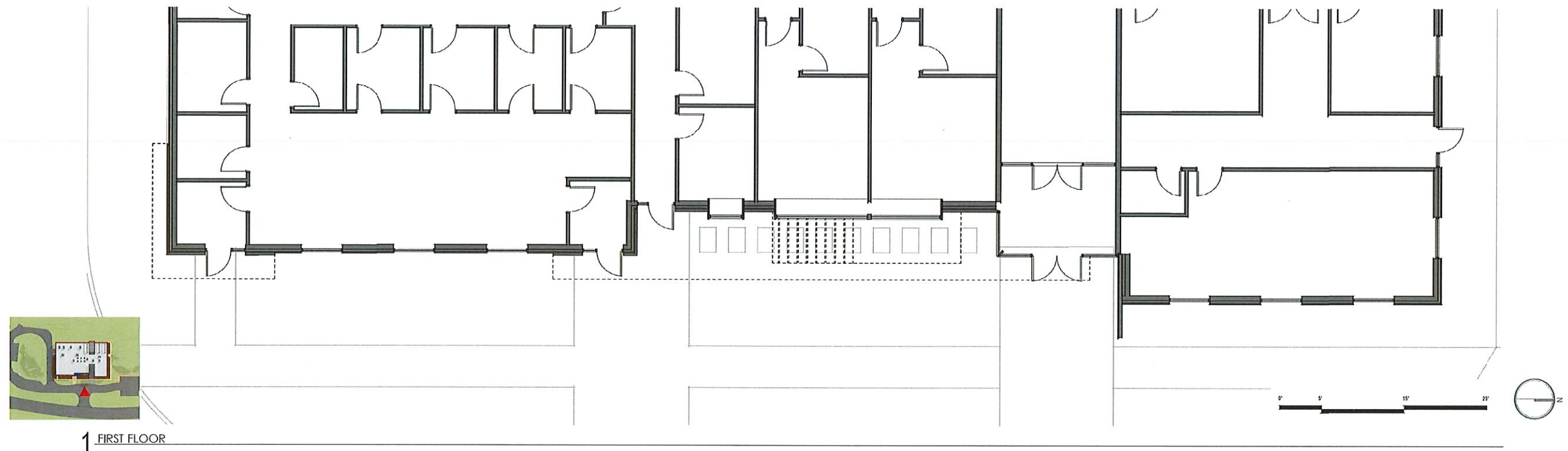




FLOOR PLAN | ROOF PLAN

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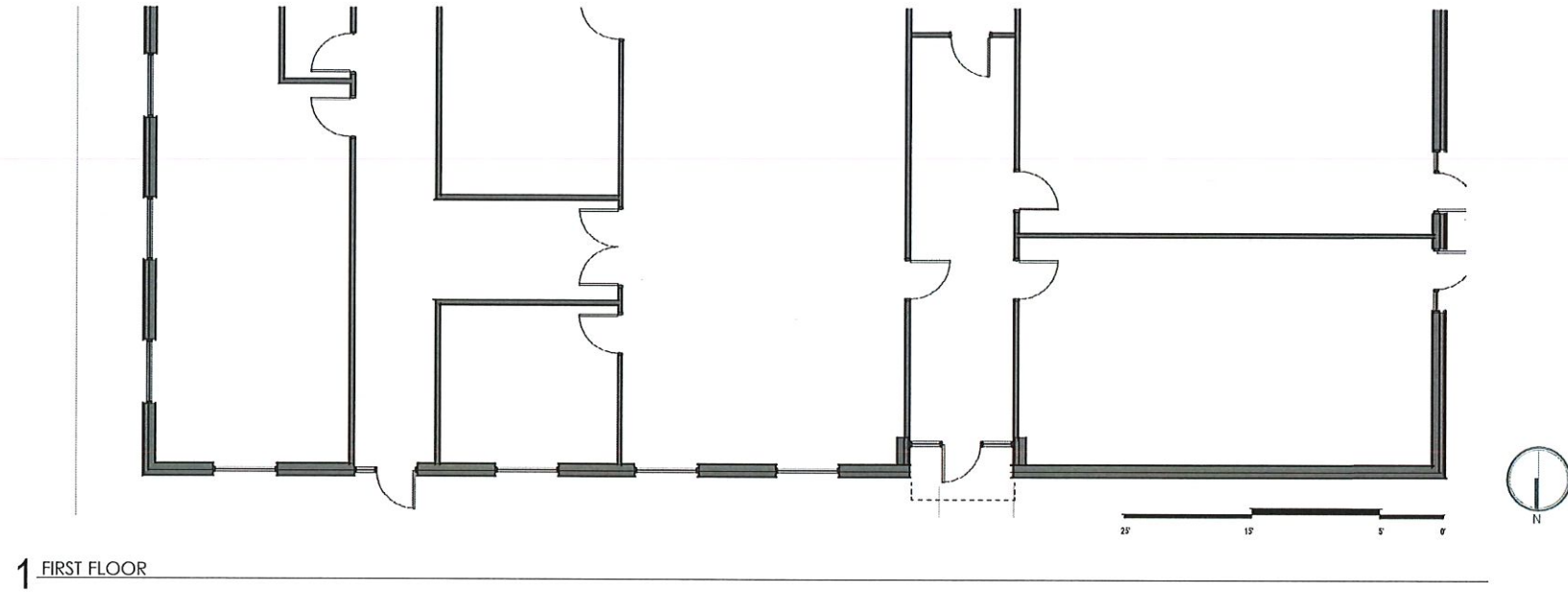
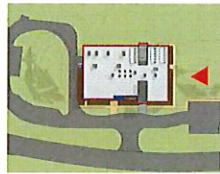




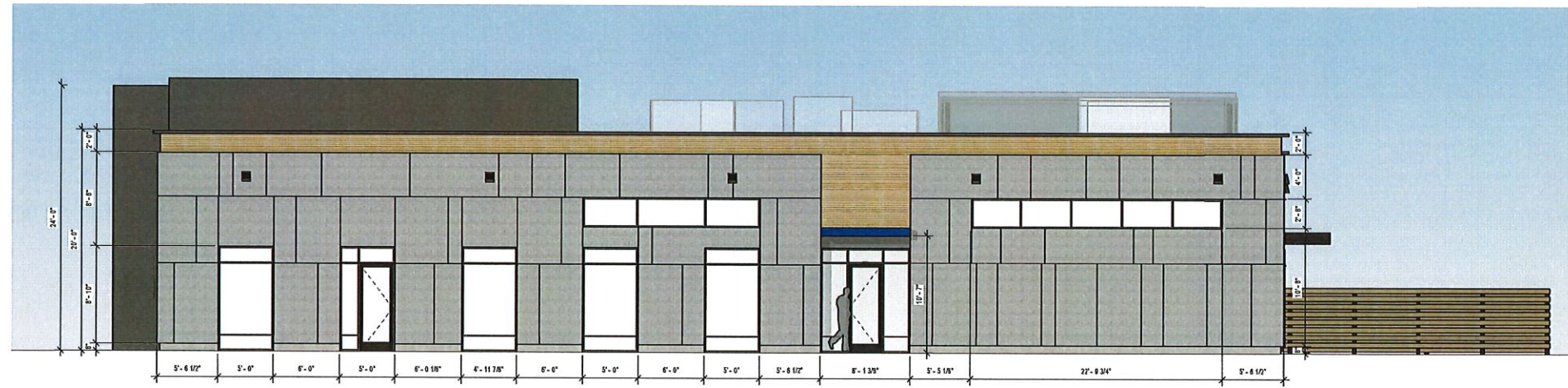
EAST ELEVATION

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1 FIRST FLOOR



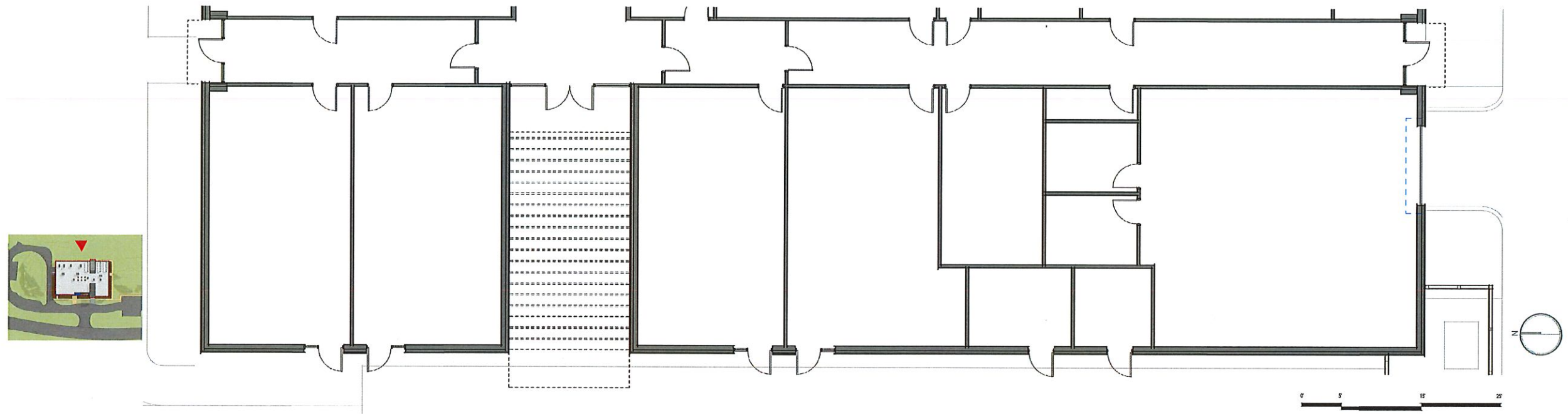
2 NORTH ELEVATION



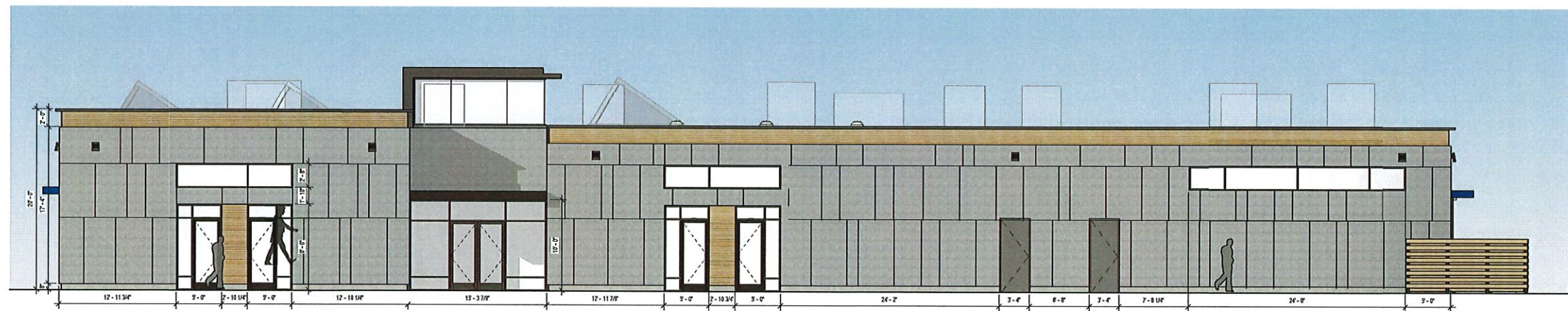
NORTH ELEVATION

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2 FIRST FLOOR



1 WEST ELEVATION - BACK



FIBER CEMENT  
PATINA P020  
GRANITE

FBC-1



GRANITE BASE  
G603 LIGHT  
GRAY

GB-1



WOOD CLAD  
PU02 CLASSIC  
OAK

WD-1



MTL - 1  
ALUCOBOND  
GRAPHITE  
MICA

MTL-1



MTL - 2  
BLACK  
ANODIZED

MTL-2



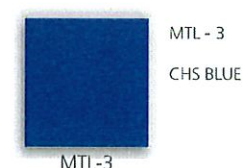
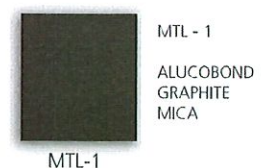
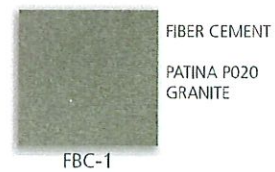
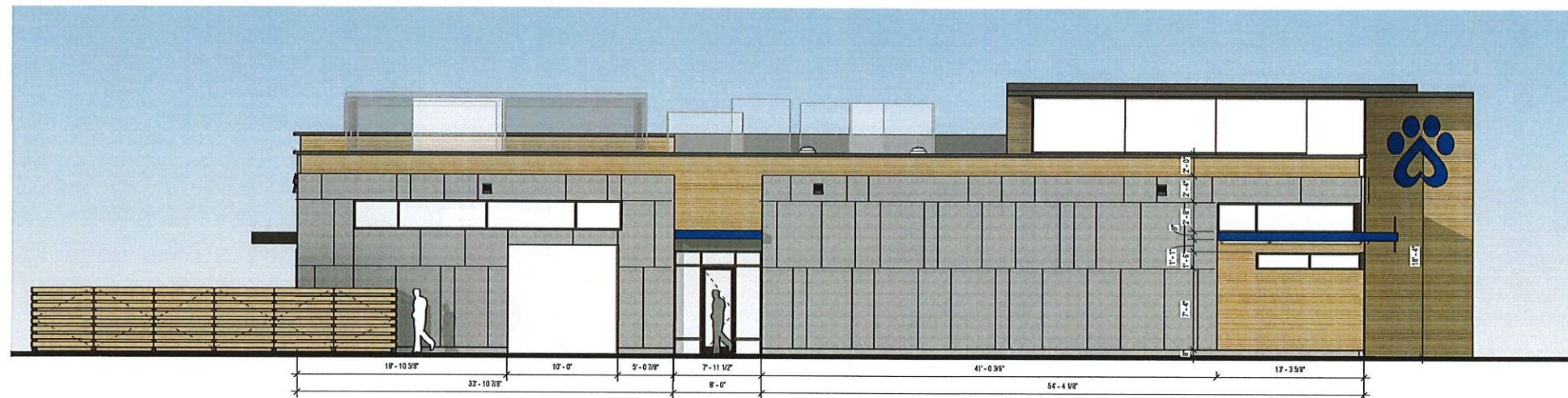
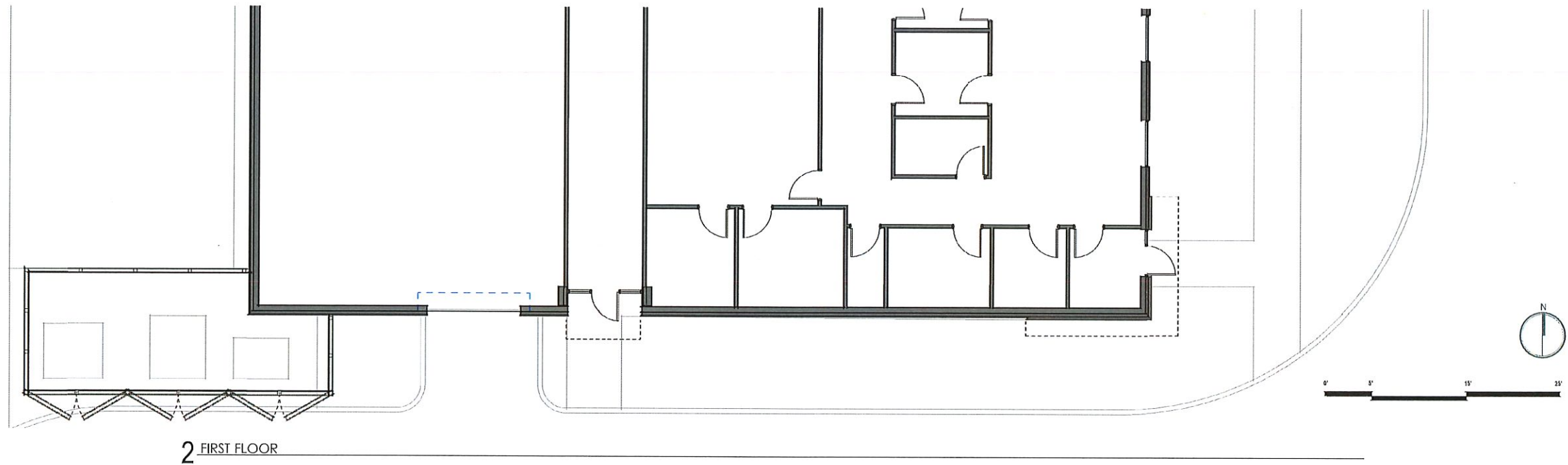
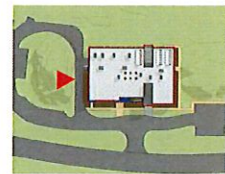
MTL - 3  
CHS BLUE

MTL-3

WEST ELEVATION

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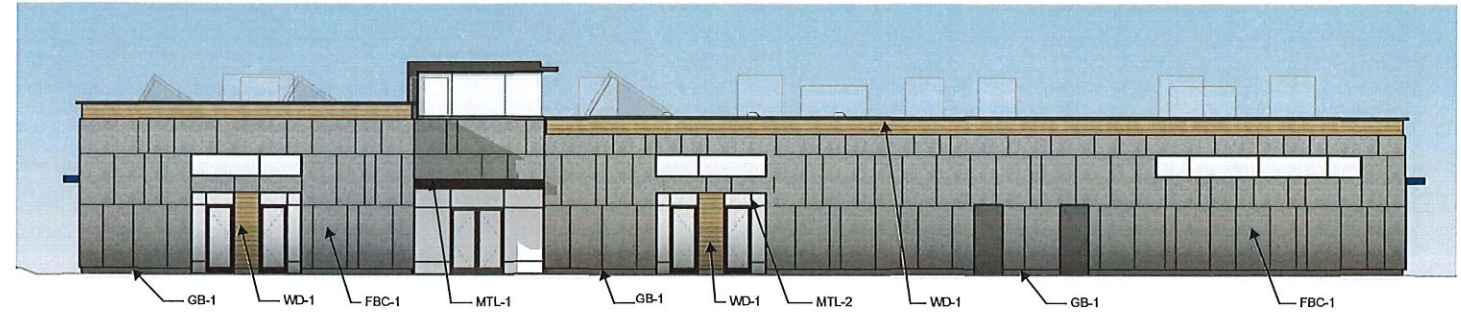
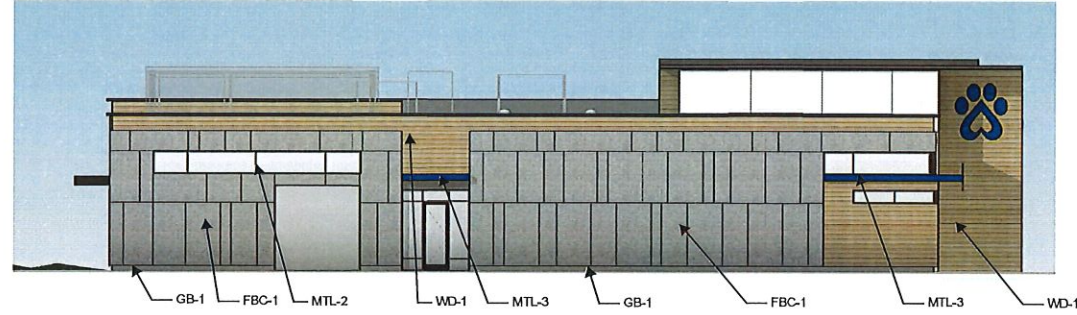
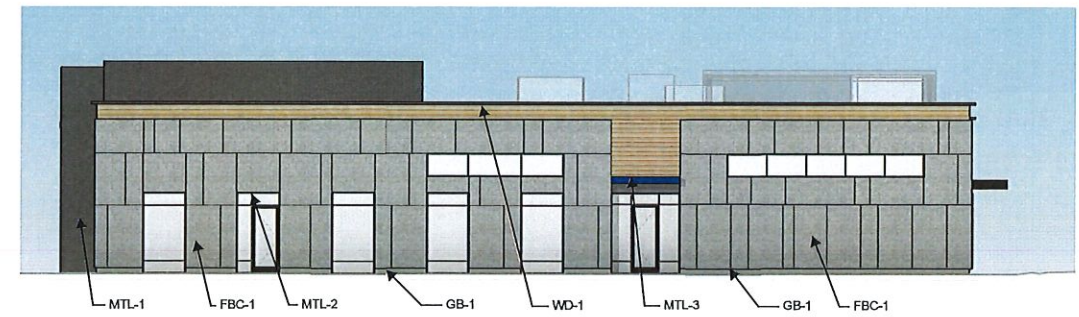
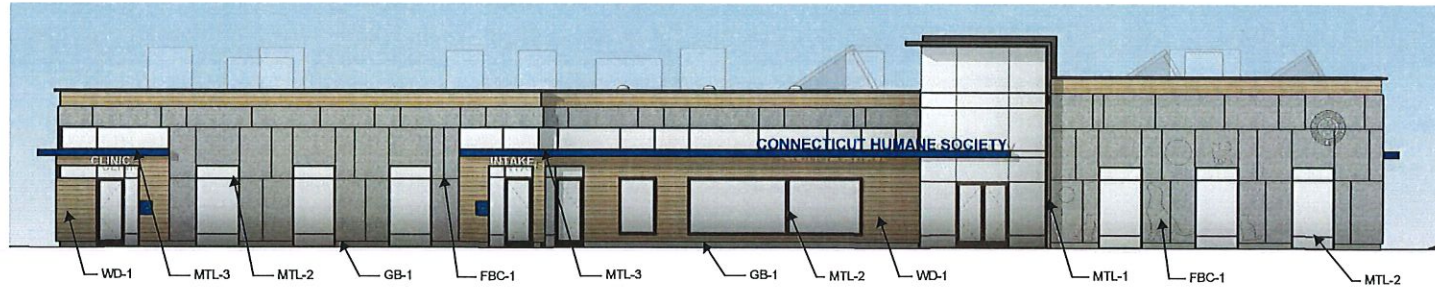




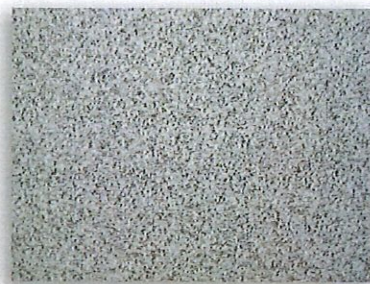
SOUTH ELEVATION

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FBC - 1  
MANUFACTURER: AFC CLADDING  
HIGH DENSITY FIBER CEMENT RAINSCREEN PANELS  
STYLE/COLOR: PATINA P020 - GRANITE



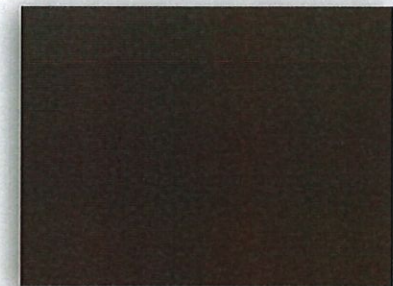
GB - 1  
GRANITE BASE  
COLOR: G603 LIGHT GRAY



WD - 1  
MANUFACTURER: PURA /SIDINGS  
STYLE: WOOD DECORS - PU02  
COLOR: CLASSIC OAK MATT / BROWN CORE



MTL - 1  
MANUFACTURER: ALUCOBOND  
STYLE/COLOR: GRAPHITE MICA PVDF3/ GLOSS 30



MTL - 2  
GLAZING MULLIONS - BLACK ANODIZED ALUMINUM



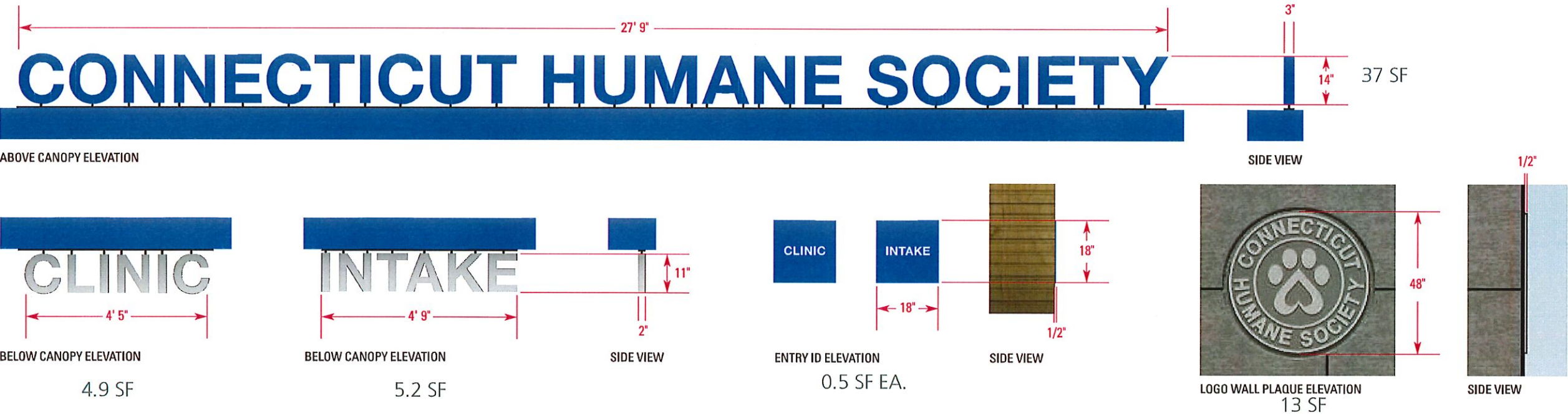
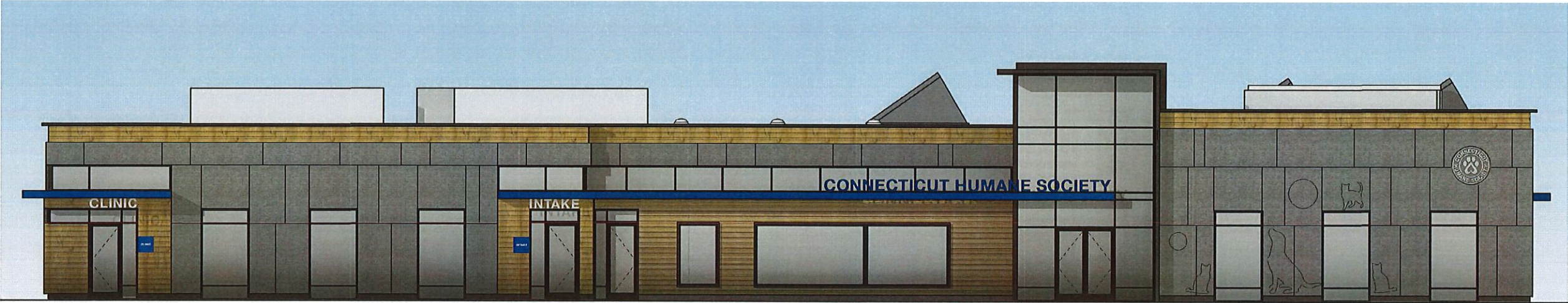
MTL - 3 METAL CANOPY COLOR - TO MATCH  
CHS PANTONE BLUE

**LIGHTING NARRATIVE**  
THE APPROACH TO THE BUILDING LIGHTING IS TO GRAZE THE BUILDING ELEVATIONS AT SELECT AREAS WITH LIGHTING THAT IS RECESSED OR ATTACHED TO THE FACADE, THE BUILDING CANOPIES AND THE STRUCTURAL MEMBERS OF THE BUILDING. TO HIGHLIGHT THE PRIMARY BUILDING ENTRANCES SIMPLE DISCREET LIGHTS ARE PROVIDED. THE ICONIC 'PAW' PRINT WALL ADJACENT TO THE ENTRY WILL ALSO BE GRAZED BY LIGHTING ABOVE AND BELOW THE WALL. THE OVERALL INTENT OF THE LIGHTING DESIGN IS TO BE SUBTLE AND PROVIDE LIGHTING WITHOUT THE VISTOR OR BUILDING USER NECESSARILY FOCUSING ON A SPECIFIC LIGHTING FIXTURE AFFIXED TO THE BUILDING. SIMPLE WALL PACKS WILL BE USED TO LIGHT AREAS ADJACENT TO THE BUILDING ALONG WITH SLIM ARCHITECTURAL BOLLARDS AT THE PRIMARY WALKWAYS.

## ELEVATIONS | MATERIALS | LIGHTING NARRATIVE

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**ABOVE CANOPY SIGNAGE**  
PAINTED LETTERS TO MATCH CHS BRAND BLUE  
EXTERNALLY ILLUMINATED  
SIZE: 27' 9"W X 14"H X 3"D

NOTE: VECTOR FILES WILL BE PROVIDED FOR ALL SIGNS

**BELOW CANOPY SIGNAGE**  
ALUMINUM LETTERS  
EXTERNALLY ILLUMINATED  
CLINIC SIZE: 55"W X 11"H X 2"D  
INTAKE SIZE: 57"W X 11"H X 2"D

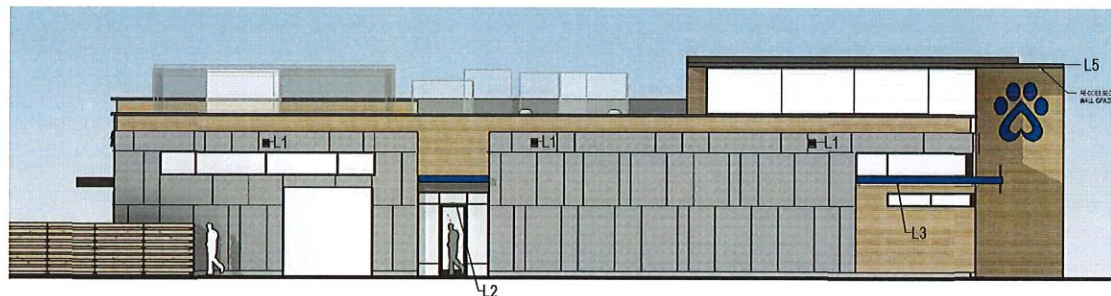
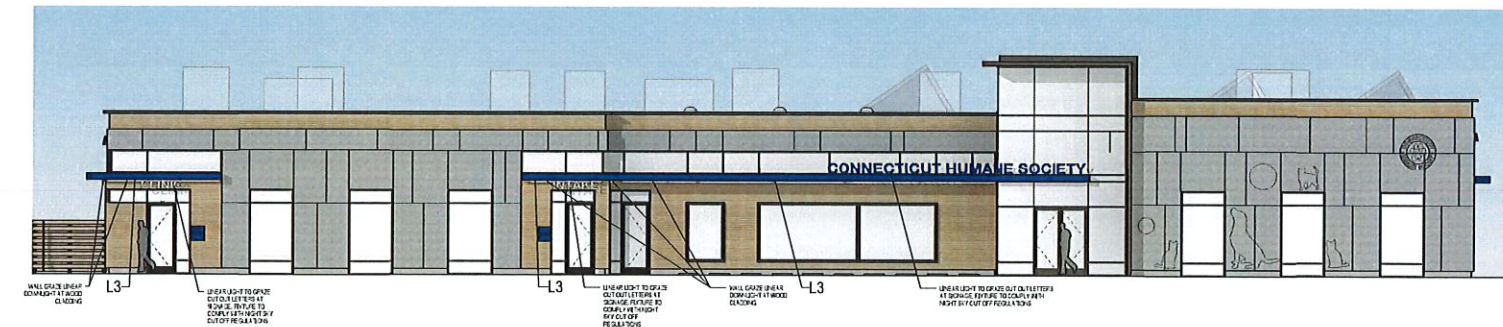
**ENTRY ID WALL PLAQUES**  
PLAQUE PAINTED TO MATCH CHS BRAND BLUE WITH  
2" WHITE LETTERS  
SIZE: 18"W X 18"H X 1/2"D

**LOGO WALL PLAQUE**  
3-D ALUMINUM WALL PLAQUE INSET INTO CIRCULAR  
RECESSED WALL AREA  
SIZE: 48"W X 48"H X 1/2"D  
GRAPHIC DEPTH: 1/4" FROM SURFACE

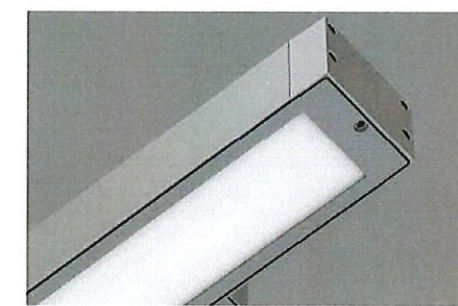
AMENTA|EMMA | RitzHentonDesign

SIGNAGE

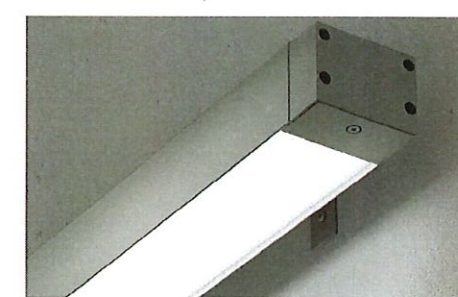




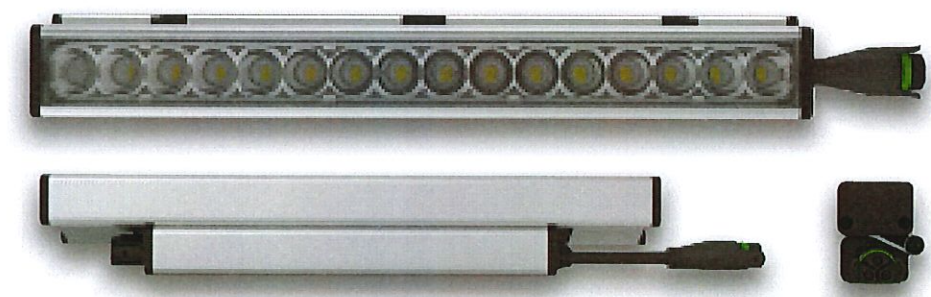
L1  
HUBBELL SLING -  
BLACK FINISH



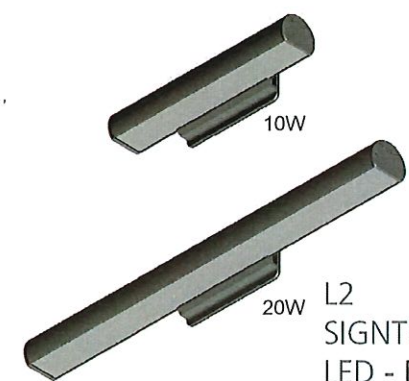
L4  
VIA WET LED



L3  
WET BEAM -  
WBWLED



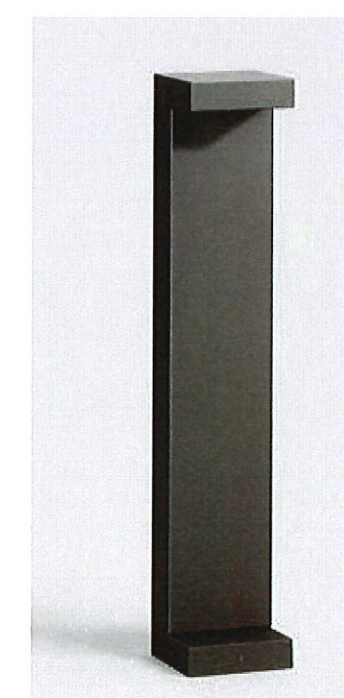
L5  
TROV - L50 GRAZE



L2  
SIGNTEX MOONLITE  
LED - MUE SERIES



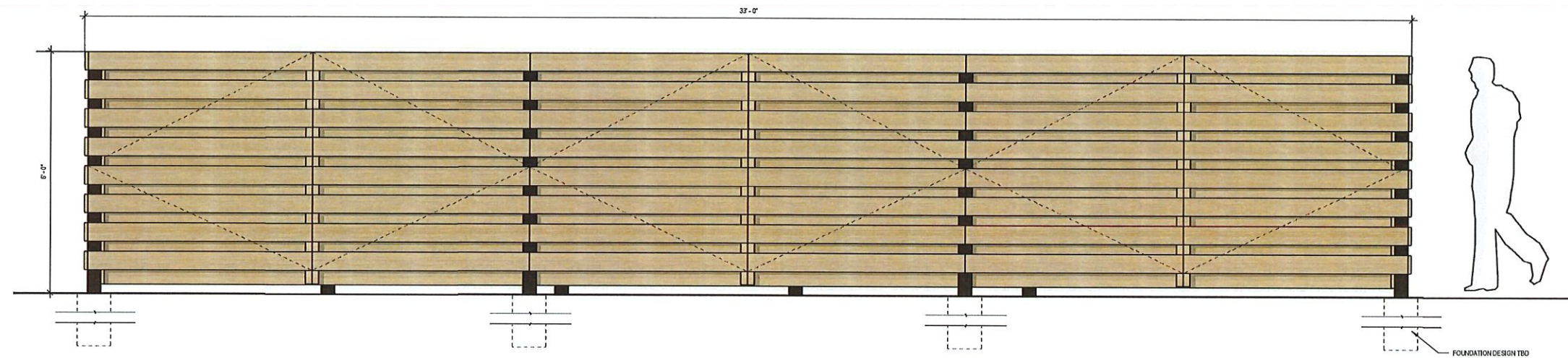
MONUMENT SIGN  
FCF1105



LANDSCAPE BOLLARD  
BEGA - 84 220

BUILDING LIGHTING

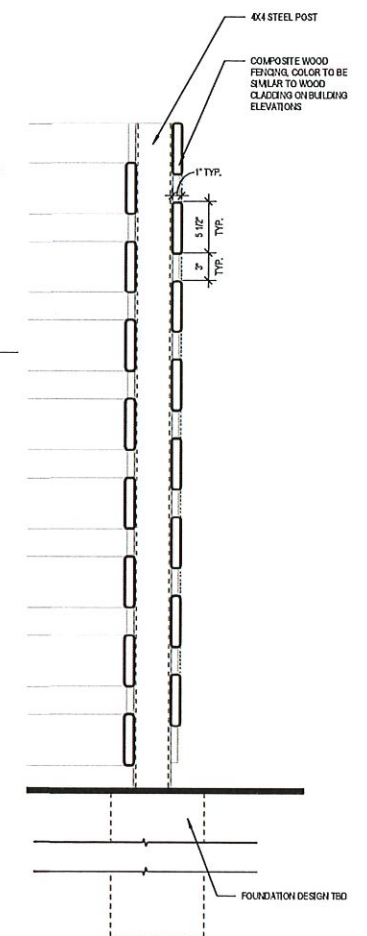




2 UTILITY FENCE ELEVATION



1 OVERALL SOUTH ELEVATION

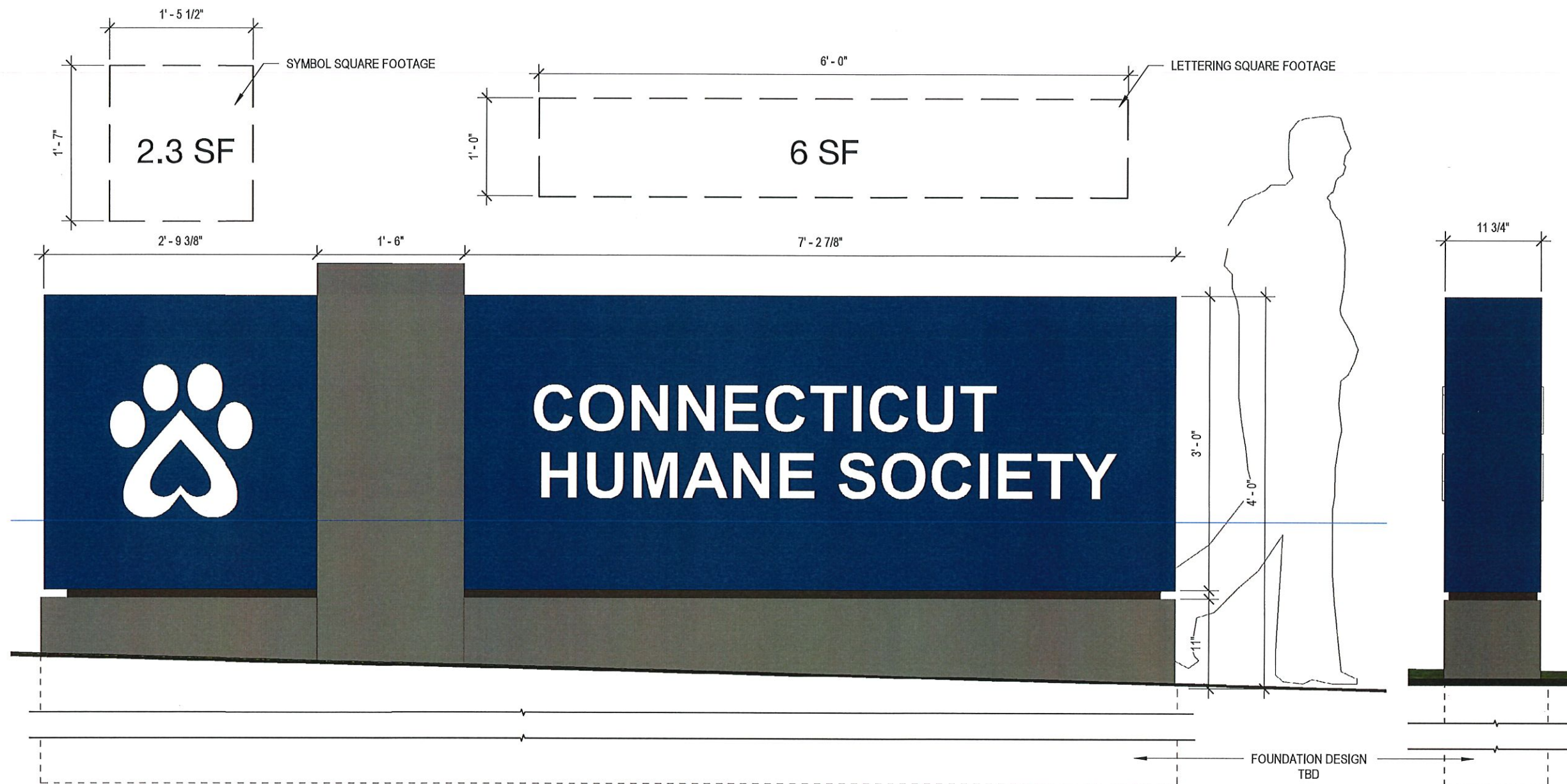


3 UTILITY FENCE

## UTILITY SCREENING

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## MONUMENTAL SIGNAGE

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