

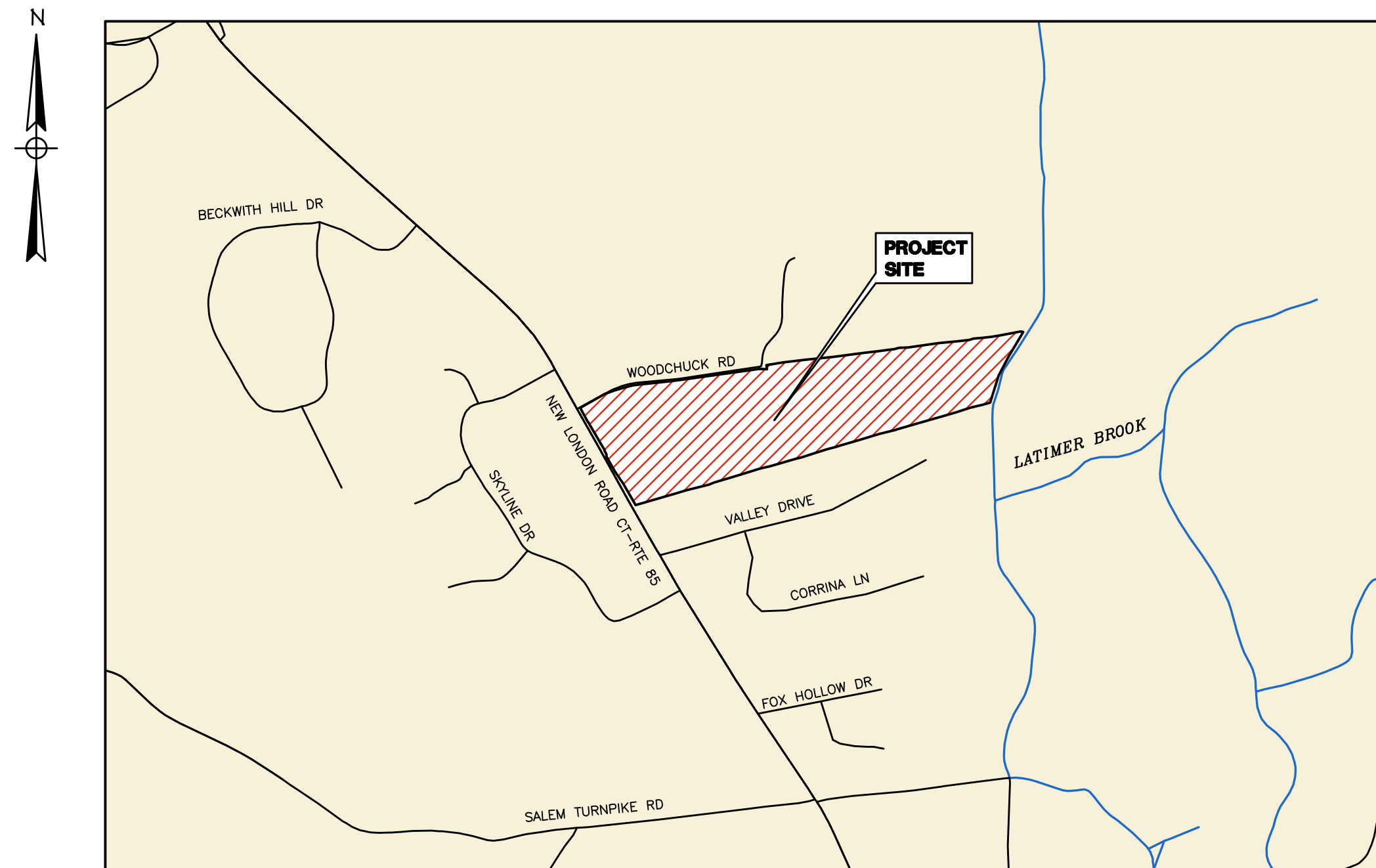
SALEM LANDING

496 NEW LONDON ROAD

SALEM, CONNECTICUT

LEGEND:

---	PROPERTY LINE
—	EDGE OF PAVEMENT
D	DRAINAGE
W	WATER
S	SEWER
G	GAS
E	ELECTRIC
-21-	CONTOUR
~~~~~	TREE LINE
—+—	GUIDERAIL
•	SIGNS
□	CATCH BASIN
○	IRON PIN, IRON PIPE
MS, CHD, MON	
⊕	FIRE HYDRANT
⊙	ELECTRIC MANHOLE
⊗	SEWER MANHOLE
⊘	GAS GATE, WATER GATE
⊙	LAMP



**LOCATION MAP**  
SCALE: 1" = 1,000'

### INDEX TO DRAWINGS

DRAWING NO.	DESCRIPTION OF DRAWINGS
1	BOUNDARY SURVEY
2	SURVEY
3	SITE PLAN
4	EROSION CONTROL PLAN
5	LOT 1 GRADING PLAN
6	LOT 1 STORMWATER BASIN
7	LOT 2 GRADING PLAN
8	LOT 2 GRADING PLAN
9	LOT 2 GRADING PLAN
10	LOT 3 GRADING PLAN
11	TEST HOLE DATA
12	PERCOLATION TEST DATA
13	SITE DETAILS
14	SUMMARY MAP

EROSION & SEDIMENT CONTROL PLAN CERTIFIED BY THE VOTE OF THE SALEM PLANNING & ZONING COMMISSION

CHAIRMAN OR SECRETARY OF THE COMMISSION _____ DATE _____

APPROVED BY THE TOWN OF SALEM PLANNING AND ZONING COMMISSION _____  
DATE OF APPROVAL _____

CHAIRMAN OR SECRETARY OF THE COMMISSION _____ DATE _____

ALL WORK SHOWN ON THIS PLAN SHALL BE COMPLETED BY _____

**MARCH 8, 2023**  
**FEBRUARY 22, 2023**  
**DECEMBER 23, 2022**  
**NOVEMBER 15, 2022**  
**NOVEMBER 4, 2022**  
**OCTOBER 5, 2022**  
**SEPTEMBER 13, 2022**  
**JULY 1, 2022**

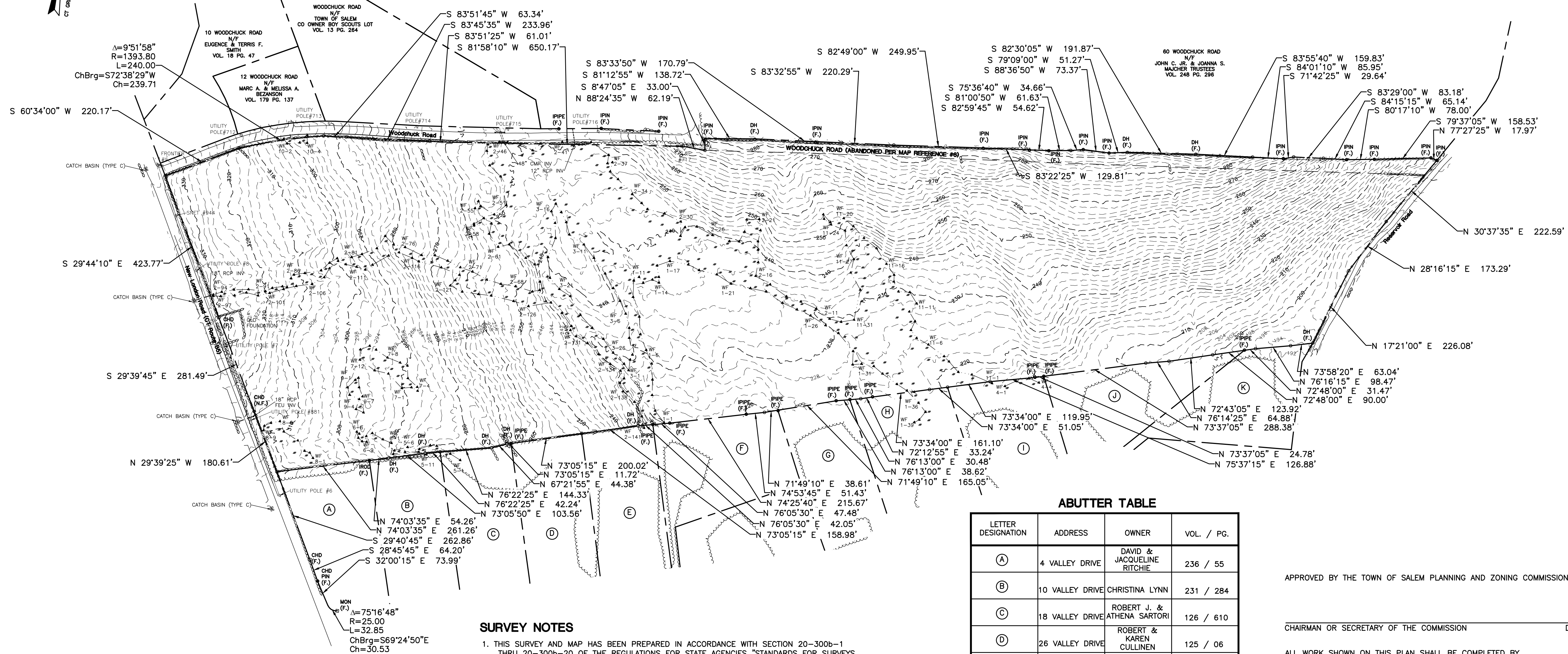
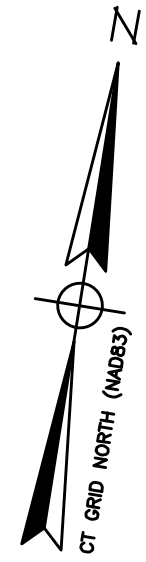
**OWNER/APPLICANT: AMERICAN PROPERTY GROUP SALEM, INC.**  
**ADDRESS 7 CLINIC DRIVE, NORWICH, CT**

**MAP/LOT: # 03/006**

**CLA Engineers, Inc.**  
CIVIL • STRUCTURAL • SURVEYING  
317 Main Street Norwich, CT 06360  
(860) 886-1966 Fax (860) 886-9165

**MAP REFERENCES**

- "PLAN OF THE SANSOM FARM SUBDIVISION PROPERTY OF DAVID & LOIS WORELL" NEW LONDON ROAD (CONN ROUTE 85) SALEM, CONNECTICUT DATE: 03/12/89 SCALE: 1"=40' PREPARED BY: KING & MULLEN LAND SURVEYORS
- "LOT LAYOUT PLAN SILVER VALLEY SUBDIVISION PROPERTY OF ROGER L. & LINDA F. PHILLIPS" (CONN ROUTE 85) SALEM, CONNECTICUT DATE: DECEMBER 1983 SCALE: 1"=100' PREPARED BY ROLAND J. HARRIS LAND SURVEYORS
- "CONNECTICUT STATE HIGHWAY DEPARTMENT RIGHT OF WAY MAP TOWN OF SALEM HARTFORD-NEW LONDON ROAD FROM THE MONTVILLE TOWN LINE NORTHERLY TO NORWICH-HADLYME ROAD ROUTE 85 DATE: 04/14/32 SCALE: 1"=40' SHEET NO. 1 & 2 OF 4
- "PLAN OF PROPERTY OWNED BY FERDINAND L. & BERTHA M. DRABIK" ROUTE 85 & WOODCHUCK ROAD SALEM, CONNECTICUT DATE: JUNE 1973 SCALE: 1"=100'
- "PLAN OF TRACT OF LAND TO BE CONVEYED BY FREDERICK C. RAWOLLE EST." TOWN OF SALEM, CONNECTICUT DATE: APRIL 1955 SCALE: 1"=600' PREPARED BY: ERNEST L. DESHEFY
- "PLAN SHOWING PROPERTY OF ARCHIBALD HOVANESIAN JR." WOODCHUCK ROAD ALSO KNOWN AS HILLTOP ROAD SALEM, CONNECTICUT DATE: SEPTEMBER 1980 SCALE: 1"=100' SHEET NO. 1 & 2 PREPARED BY: DICESARE-BENTLEY ENGINEERS, INC.



**ABUTTER TABLE**

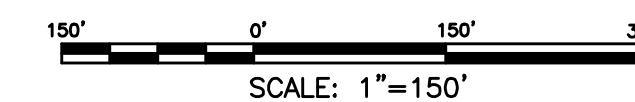
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(D)	26 VALLEY DRIVE	ROBERT & KAREN CULLINEN	125 / 06
(E)	34 VALLEY DRIVE	ROBERT E. JR. & MARTHA L. GIEGEL	183 / 252
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(G)	62 VALLEY DRIVE	KEVIN A. CAREY	182 / 604
(H)	70 VALLEY DRIVE	MARK R. NELSON	233 / 30
(I)	82 VALLEY DRIVE	JAMES R. III & KRISTI L. MORRISON	249 / 166
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(K)	92 VALLEY DRIVE	DEBORAH A. & DANIEL E. SHEEHAN	252 / 478

APPROVED BY THE TOWN OF SALEM PLANNING AND ZONING COMMISSION

DATE OF APPROVAL _____

CHAIRMAN OR SECRETARY OF THE COMMISSION _____ DATE _____

ALL WORK SHOWN ON THIS PLAN SHALL BE COMPLETED BY _____



**LEGEND:**

- |  |                      |  |                              |
|--|----------------------|--|------------------------------|
|  | PROPERTY LINE        |  | UTILITY POLE                 |
|  | CHAIN-LINK FENCE     |  | NOW OR FORMERLY UNDER GROUND |
|  | RETAINING WALL       |  | UNDER GROUND                 |
|  | WETLANDS EDGE        |  | DECIDUOUS TREE               |
|  | STONE WALL           |  | OVERHEAD ELECTRIC LINE       |
|  | BOUNDARY POINT       |  | WATER SHUTOFF                |
|  | IRON PIN, IRON PIPE  |  | BOLLARD                      |
|  | MONUMENT             |  | SHRUB                        |
|  | GAS GATE, WATER GATE |  | WETLANDS VEGETATION, FLAG    |
|  | TRAFFIC SIGN         |  |                              |
|  | SEWER MANHOLE        |  |                              |

**SURVEY NOTES**

- THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTION 20-300b-1 THRU 20-300b-20 OF THE REGULATIONS FOR STATE AGENCIES "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC.
  - A. TYPE OF SURVEY: BOUNDARY & TOPOGRAPHIC SURVEY
  - B. BOUNDARY DETERMINATION CATEGORY: RESURVEY
  - C. HORIZONTAL ACCURACY: A-2
  - VERTICAL ACCURACY: N/A
  - TOPOGRAPHIC ACCURACY: T-D
  - D. INTENT: TO DEPICT THE PROPERTY BOUNDARY COMPLIED WITH LIDAR DATA FOR DESIGN PURPOSES FOR THE SUBJECT PARCEL
- HORIZONTAL ORIENTATION IS CT N.A.D 83 BASED ON FIELD GPS OBSERVATIONS
- VERTICAL DATUM IS N.A.V.D 88 FOR CONTOURS AND ALL OTHER ELEVATIONS DEPICTED
- CONTOURS WERE COMPILED FROM STATE PROVIDED LIDAR DATA AND WERE NOT FIELD VERIFIED
- LOT AREA = 2,352,235.77 SF OR 54.0 ACRES AND IS LOCATED IN THE RU-A ZONING DISTRICT
- A PRINT OR MYLAR OF THIS MAP IS NOT VALID UNLESS IT CONTAINS THE SEAL AND LIVE SIGNATURE OF THE SURVEYOR

I HAVE REVIEWED THE WETLANDS ON THE PROPERTY IN THE FIELD AND HAVE REVIEWED THE WETLANDS AS SHOWN ON THE PLAN AND FIND THAT THEY SUBSTANTIALLY REPRESENT THE WETLANDS AS DELINEATED IN THE FIELD.

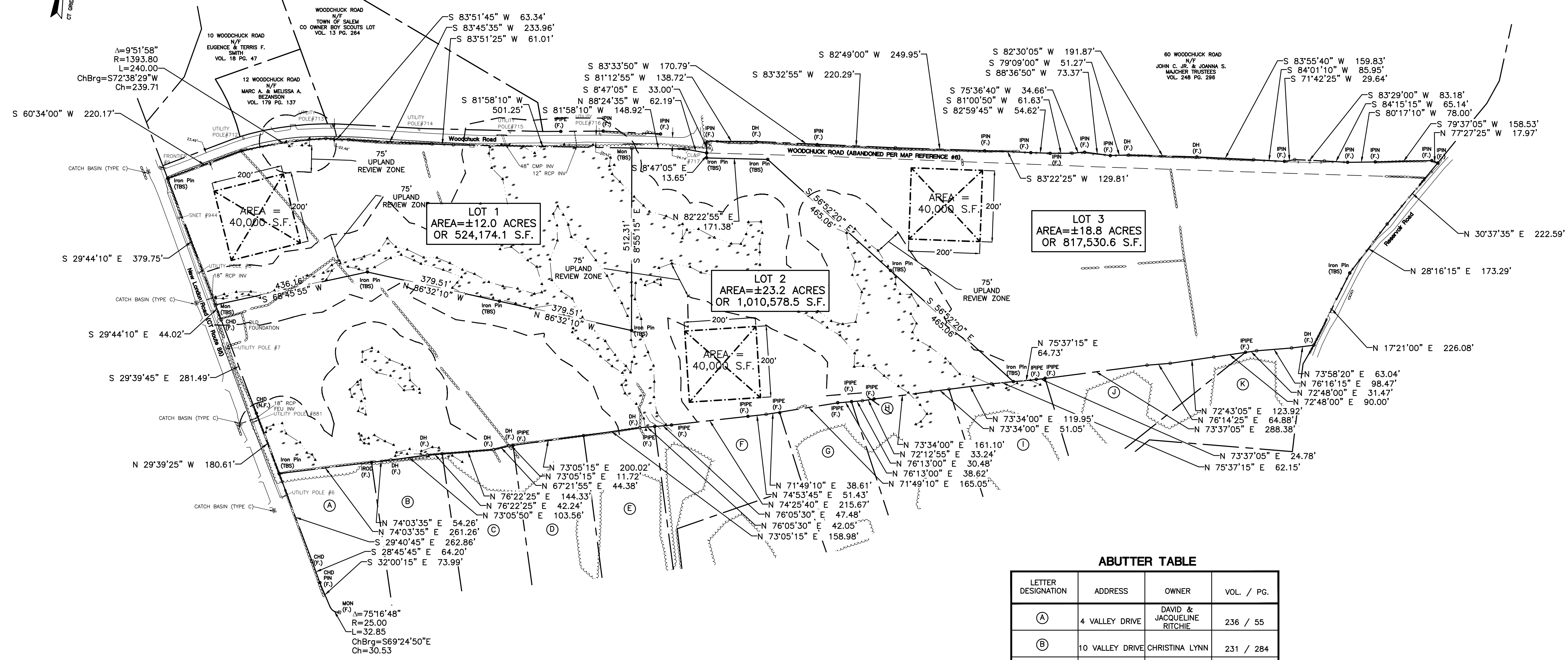
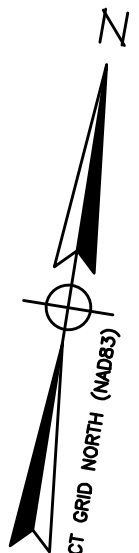
TO MY KNOWLEDGE AND BELIEF THIS PLAN IS SUBSTANTIALLY CORRECT AS NOTED OR DEPICTED HEREON.

ROBERT C. RUSSO _____ DATE _____  
CERTIFIED SOIL SCIENTIST

RYAN J. CHEVERIE, L.L.S. #70454 _____ DATE _____

<p><b>CLA Engineers, Inc.</b> CIVIL · STRUCTURAL · SURVEYING</p> <p>317 Main Street Norwich, CT 06360 (860) 886-1966 Fax (860) 886-9165</p>		Project No. CLA-7048
		Proj. Surveyor R.J.C.
<p><b>BOUNDARY SURVEY</b></p> <p><b>496 NEW LONDON ROAD</b></p> <p>TOWN OF SALEM, CONNECTICUT</p>		Date: 07/13/22
		Sheet No. <b>01</b>





**LEGEND:**

- PROPERTY LINE
- CHAIN-LINK FENCE
- RETAINING WALL
- WETLANDS EDGE
- STONE WALL
- BOUNDARY POINT
- IRON PIN, IRON PIPE
- MONUMENT
- GAS GATE, WATER GATE
- TRAFFIC SIGN
- SEWER MANHOLE
- UTILITY POLE
- NOW OR FORMERLY
- UNDER GROUND
- DECIDUOUS TREE
- OVERHEAD ELECTRIC LINE
- WATER SHUTOFF
- BOLLARD
- SHRUB
- WETLANDS VEGETATION, FLAG

**SURVEY NOTES**

1. THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTION 20-300b-1 THRU 20-300b-20 OF THE REGULATIONS FOR STATE AGENCIES "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC.
  - A. TYPE OF SURVEY: BOUNDARY SURVEY
  - B. BOUNDARY DETERMINATION CATEGORY: RESURVEY / ORIGINAL OF NEW LOT LINES
  - C. HORIZONTAL ACCURACY: A-2
  - VERTICAL ACCURACY: N/A
  - TOPOGRAPHIC ACCURACY: N/A
  - D. INTENT: TO SHOW NEW LOT LINES TO FOR SUBDIVISION.
2. HORIZONTAL ORIENTATION IS CT N.A.D 83 BASED ON FIELD GPS OBSERVATIONS
3. VERTICAL DATUM IS N.A.V.D 88 FOR CONTOURS AND ALL OTHER ELEVATIONS DEPICTED
4. CONTOURS WERE COMPILED FROM STATE PROVIDED LIDAR DATA AND WERE NOT FIELD VERIFIED
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6. A PRINT OR MYLAR OF THIS MAP IS NOT VALID UNLESS IT CONTAINS THE SEAL AND LIVE SIGNATURE OF THE SURVEYOR

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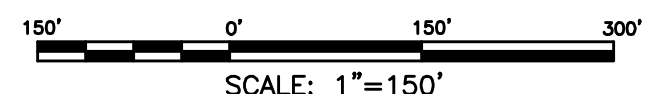
APPROVED BY THE TOWN OF SALEM PLANNING AND ZONING COMMISSION _____ DATE OF APPROVAL _____

CHAIRMAN OR SECRETARY OF THE COMMISSION _____ DATE _____

ALL WORK SHOWN ON THIS PLAN SHALL BE COMPLETED BY _____

TO MY KNOWLEDGE AND BELIEF THIS PLAN IS SUBSTANTIALLY CORRECT AS NOTED OR DEPICTED HEREON.

RYAN J. CHEVERIE, L.L.S. #70454 _____ DATE _____



**CLA Engineers, Inc.**  
CIVIL • STRUCTURAL • SURVEYING

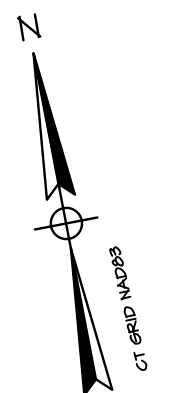
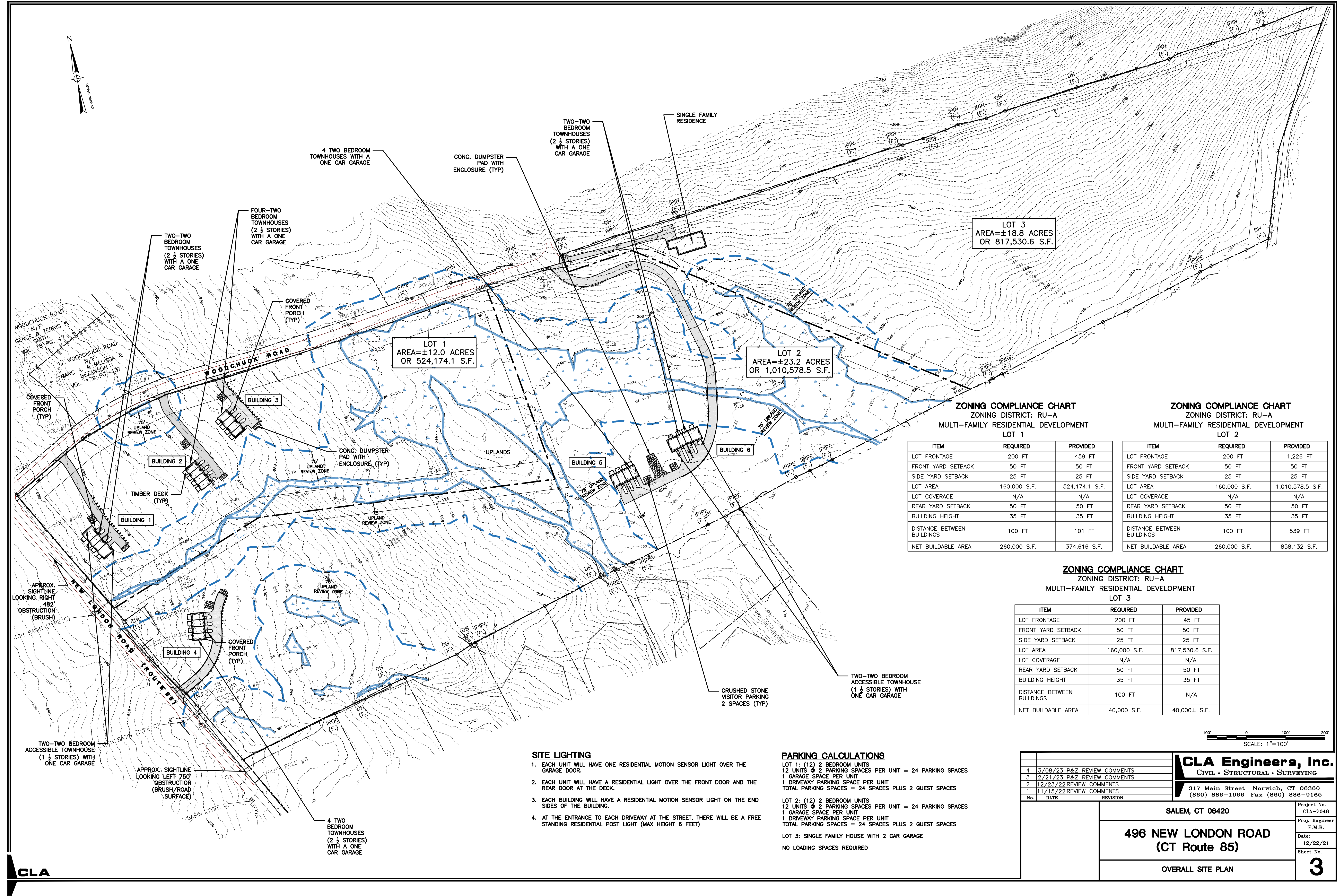
317 Main Street Norwich, CT 06360  
(860) 886-1966 Fax (860) 886-9165

No.	DATE	REVISION
1	3/08/23	P&Z REVIEW COMMENTS

<b>SUBDIVISION PLAN</b>		Project No. CLA-7048
<b>496 NEW LONDON ROAD</b>		Proj. Surveyor R.J.C.
<b>TOWN OF SALEM, CONNECTICUT</b>		Date: 07/13/22
		Sheet No. <b>2</b>



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LOT 1  
AREA=±12.0 ACRES  
OR 524,174.1 S.F.

LOT 2  
AREA=±23.2 ACRES  
OR 1,010,578.5 S.F.

LOT 3  
AREA=±18.8 ACRES  
OR 817,530.6 S.F.

**ZONING COMPLIANCE CHART**  
ZONING DISTRICT: RU-A  
MULTI-FAMILY RESIDENTIAL DEVELOPMENT  
LOT 1

ITEM	REQUIRED	PROVIDED
LOT FRONTAGE	200 FT	459 FT
FRONT YARD SETBACK	50 FT	50 FT
SIDE YARD SETBACK	25 FT	25 FT
LOT AREA	160,000 S.F.	524,174.1 S.F.
LOT COVERAGE	N/A	N/A
REAR YARD SETBACK	50 FT	50 FT
BUILDING HEIGHT	35 FT	35 FT
DISTANCE BETWEEN BUILDINGS	100 FT	101 FT
NET BUILDABLE AREA	260,000 S.F.	374,616 S.F.

**ZONING COMPLIANCE CHART**  
ZONING DISTRICT: RU-A  
MULTI-FAMILY RESIDENTIAL DEVELOPMENT  
LOT 2

ITEM	REQUIRED	PROVIDED
LOT FRONTAGE	200 FT	1,226 FT
FRONT YARD SETBACK	50 FT	50 FT
SIDE YARD SETBACK	25 FT	25 FT
LOT AREA	160,000 S.F.	1,010,578.5 S.F.
LOT COVERAGE	N/A	N/A
REAR YARD SETBACK	50 FT	50 FT
BUILDING HEIGHT	35 FT	35 FT
DISTANCE BETWEEN BUILDINGS	100 FT	539 FT
NET BUILDABLE AREA	260,000 S.F.	858,132 S.F.

**ZONING COMPLIANCE CHART**  
ZONING DISTRICT: RU-A  
MULTI-FAMILY RESIDENTIAL DEVELOPMENT  
LOT 3

ITEM	REQUIRED	PROVIDED
LOT FRONTAGE	200 FT	45 FT
FRONT YARD SETBACK	50 FT	50 FT
SIDE YARD SETBACK	25 FT	25 FT
LOT AREA	160,000 S.F.	817,530.6 S.F.
LOT COVERAGE	N/A	N/A
REAR YARD SETBACK	50 FT	50 FT
BUILDING HEIGHT	35 FT	35 FT
DISTANCE BETWEEN BUILDINGS	100 FT	N/A
NET BUILDABLE AREA	40,000 S.F.	40,000± S.F.

SCALE: 1"=100'

**SITE LIGHTING**

- EACH UNIT WILL HAVE ONE RESIDENTIAL MOTION SENSOR LIGHT OVER THE GARAGE DOOR.
- EACH UNIT WILL HAVE A RESIDENTIAL LIGHT OVER THE FRONT DOOR AND THE REAR DOOR AT THE DECK.
- EACH BUILDING WILL HAVE A RESIDENTIAL MOTION SENSOR LIGHT ON THE END SIDES OF THE BUILDING.
- AT THE ENTRANCE TO EACH DRIVEWAY AT THE STREET, THERE WILL BE A FREE STANDING RESIDENTIAL POST LIGHT (MAX HEIGHT 6 FEET)

**PARKING CALCULATIONS**

LOT 1: (12) 2 BEDROOM UNITS  
12 UNITS @ 2 PARKING SPACES PER UNIT = 24 PARKING SPACES  
1 GARAGE SPACE PER UNIT  
1 DRIVEWAY PARKING SPACE PER UNIT  
TOTAL PARKING SPACES = 24 SPACES PLUS 2 GUEST SPACES

LOT 2: (12) 2 BEDROOM UNITS  
12 UNITS @ 2 PARKING SPACES PER UNIT = 24 PARKING SPACES  
1 GARAGE SPACE PER UNIT  
1 DRIVEWAY PARKING SPACE PER UNIT  
TOTAL PARKING SPACES = 24 SPACES PLUS 2 GUEST SPACES

LOT 3: SINGLE FAMILY HOUSE WITH 2 CAR GARAGE  
NO LOADING SPACES REQUIRED

No.	DATE	REVISION
4	3/08/23	P&Z REVIEW COMMENTS
3	2/21/23	P&Z REVIEW COMMENTS
2	12/23/22	REVIEW COMMENTS
1	11/15/22	REVIEW COMMENTS

**CLA Engineers, Inc.**  
CIVIL • STRUCTURAL • SURVEYING  
317 Main Street Norwich, CT 06360  
(860) 886-1966 Fax (860) 886-9165

SALEM, CT 06420

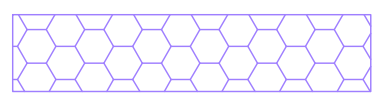
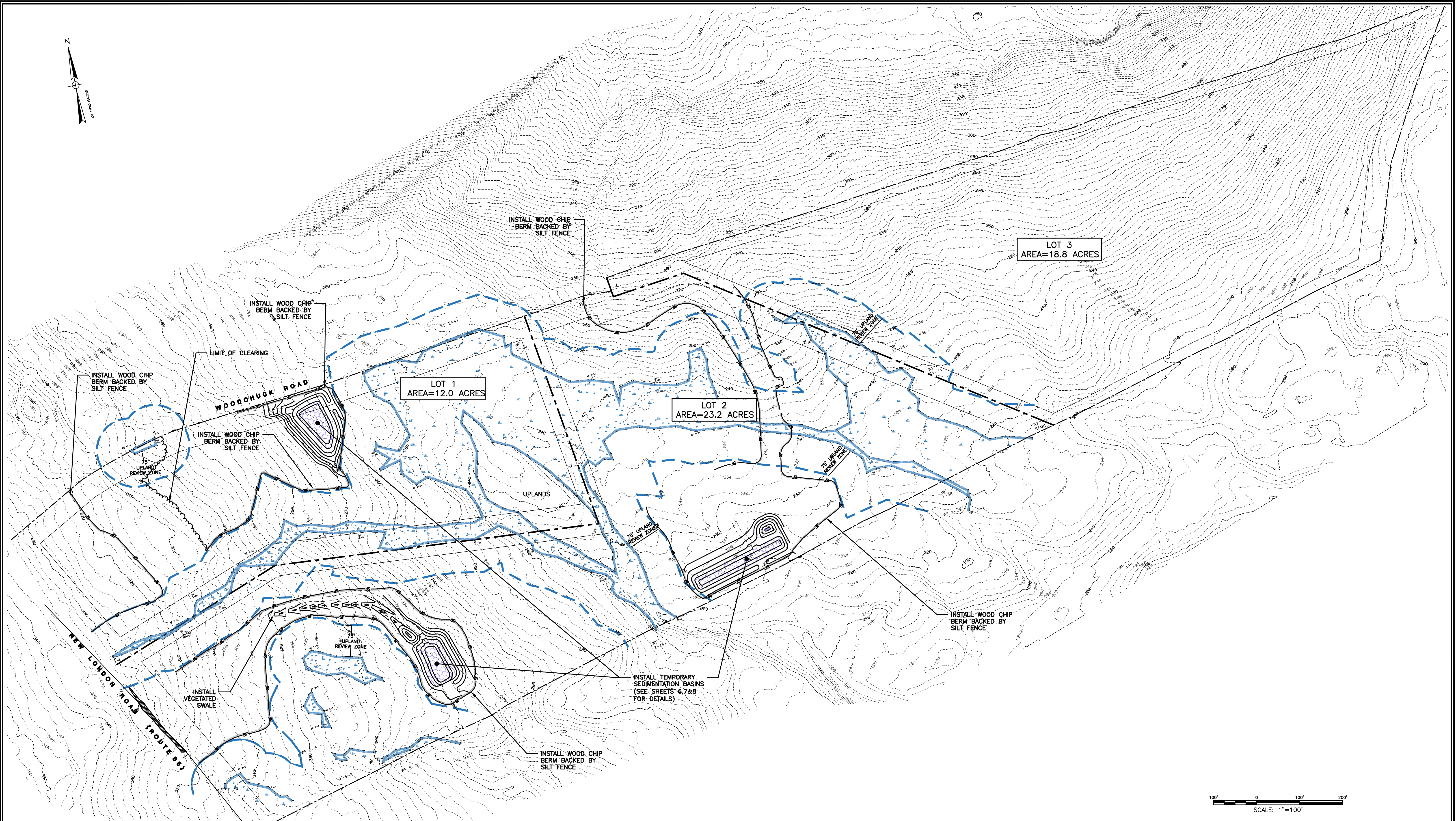
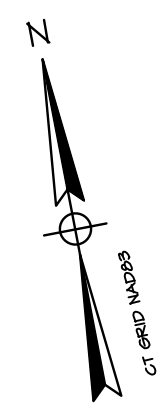
**496 NEW LONDON ROAD**  
**(CT Route 85)**

OVERALL SITE PLAN

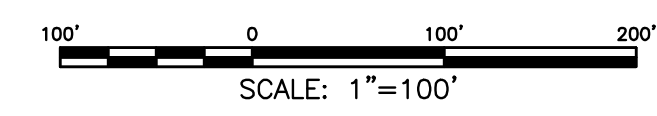
Project No. CLA-7048  
Proj. Engineer E.M.B.  
Date: 12/22/21  
Sheet No. **3**







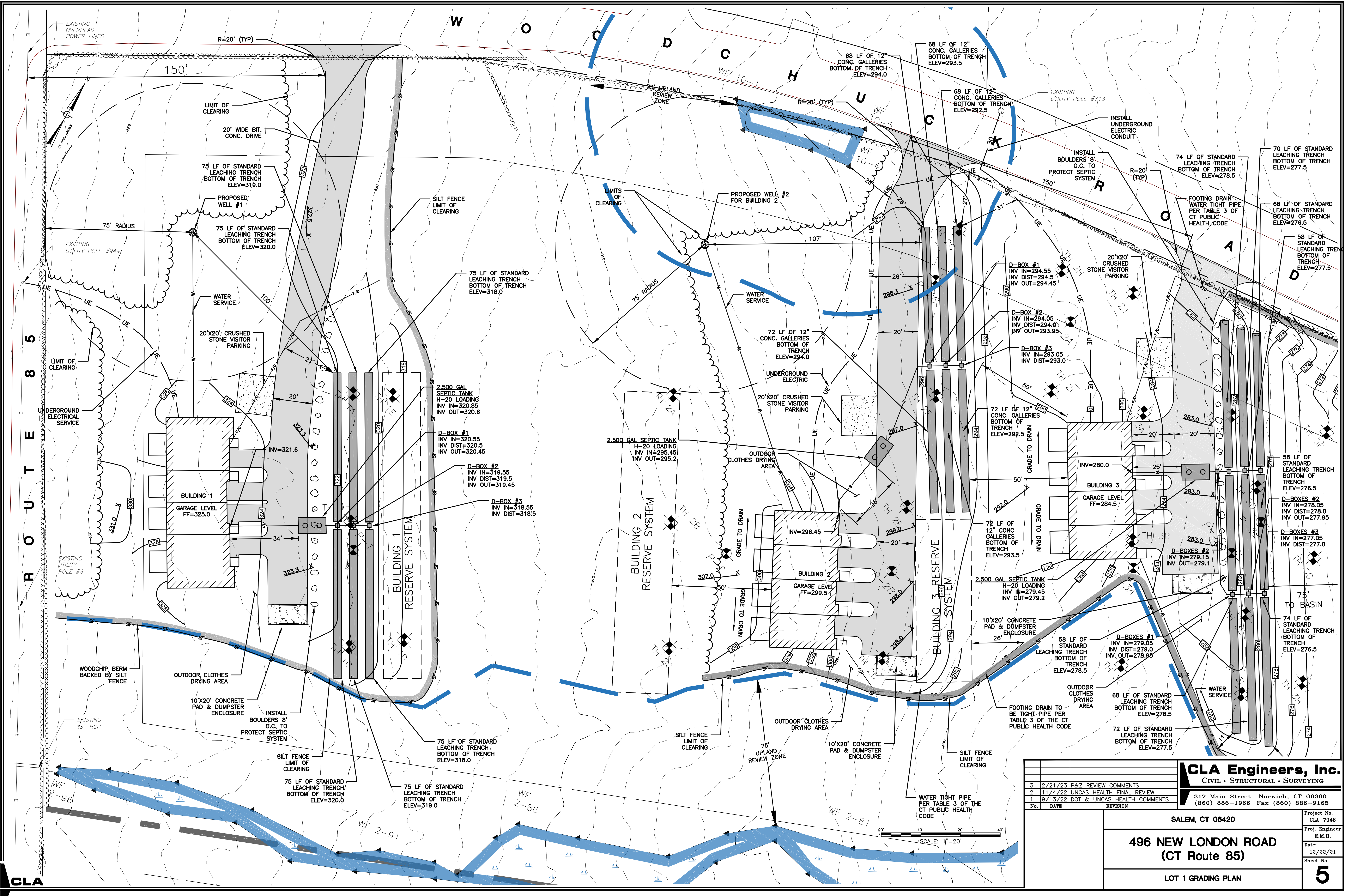
WETLAND MIX (NEW ENGLAND  
EROSION CONTROL/RESTORATION  
FOR MOIST SITES)



		<b>CLA Engineers, Inc.</b> CIVIL • STRUCTURAL • SURVEYING	
		317 Main Street Norwich, CT 06360 (860) 886-1966 Fax (860) 886-9165	
		SALEM, CT 06420	
		496 NEW LONDON ROAD (CT Route 85)	
		EROSION CONTROL PLAN	
		Project No. CLA-7048	
		Proj. Engineer E.M.B.	
		Date: 12/22/21	
		Sheet No. <b>4</b>	
2	3/08/23	P&Z REVIEW COMMENTS	
1	2/21/23	P&Z REVIEW COMMENTS	
No.	DATE	REVISION	



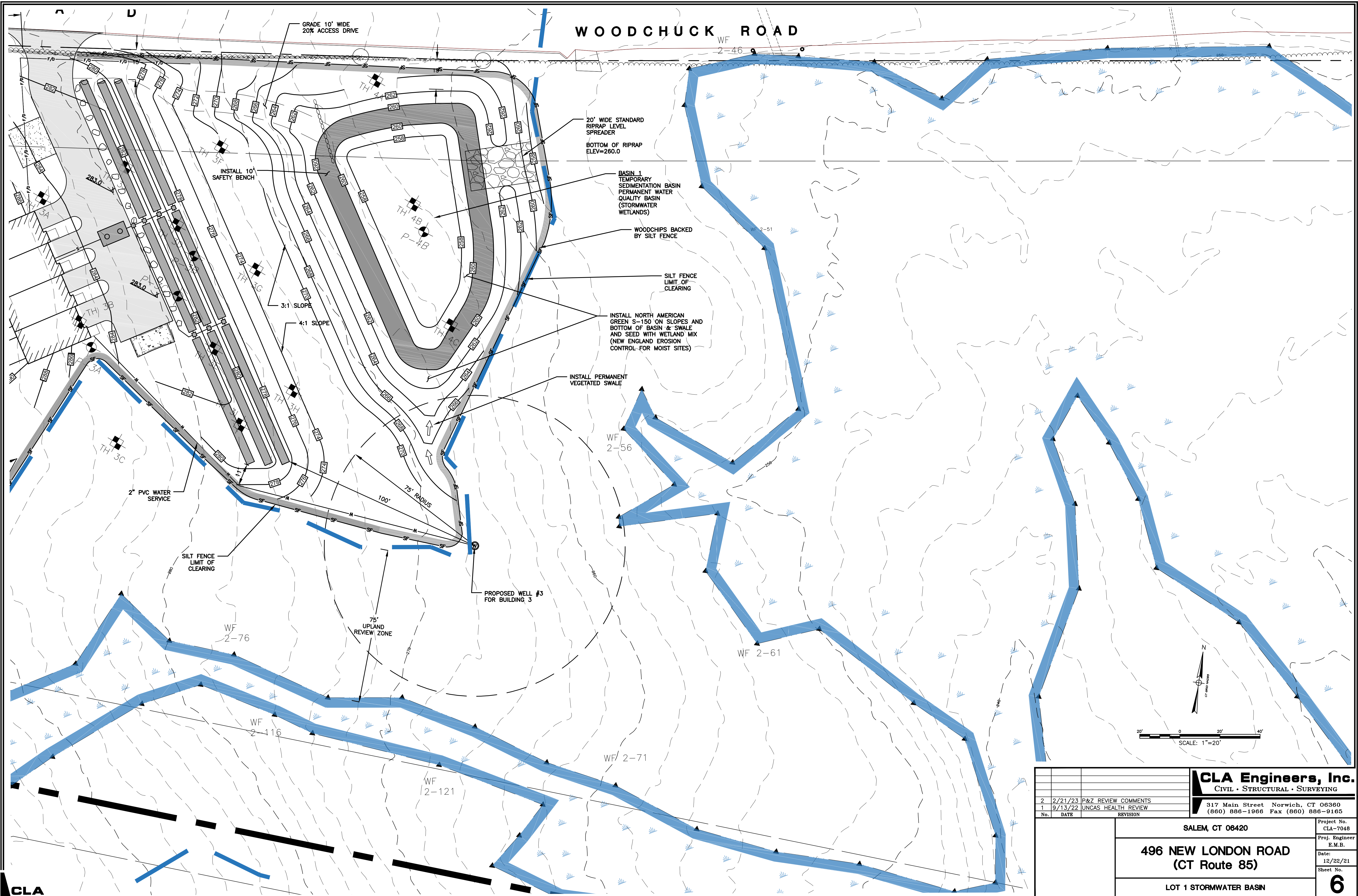
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<b>CLA Engineers, Inc.</b> CIVIL • STRUCTURAL • SURVEYING 317 Main Street Norwich, CT 06360 (860) 886-1966 Fax (860) 886-9165		Project No. CLA-7048 Proj. Engineer E.M.B. Date: 12/22/21 Sheet No. <b>5</b>												
SALEM, CT 06420 <b>496 NEW LONDON ROAD</b> <b>(CT Route 85)</b> LOT 1 GRADING PLAN		Revision Log: <table border="1"> <tr><td>3</td><td>2/21/23</td><td>P&amp;Z REVIEW COMMENTS</td></tr> <tr><td>2</td><td>11/4/22</td><td>UNCAS HEALTH FINAL REVIEW</td></tr> <tr><td>1</td><td>9/13/22</td><td>DOT &amp; UNCAS HEALTH COMMENTS</td></tr> <tr><td>No.</td><td>DATE</td><td>REVISION</td></tr> </table>	3	2/21/23	P&Z REVIEW COMMENTS	2	11/4/22	UNCAS HEALTH FINAL REVIEW	1	9/13/22	DOT & UNCAS HEALTH COMMENTS	No.	DATE	REVISION
3	2/21/23	P&Z REVIEW COMMENTS												
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1	9/13/22	DOT & UNCAS HEALTH COMMENTS												
No.	DATE	REVISION												

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		<b>CLA Engineers, Inc.</b> CIVIL • STRUCTURAL • SURVEYING	
		317 Main Street Norwich, CT 06360 (860) 886-1966 Fax (860) 886-9165	
		SALEM, CT 06420	
		<b>496 NEW LONDON ROAD</b> (CT Route 85)	
		LOT 1 STORMWATER BASIN	
		Project No. CLA-7048	
		Proj. Engineer E.M.B.	
		Date: 12/22/21	
		Sheet No. <b>6</b>	

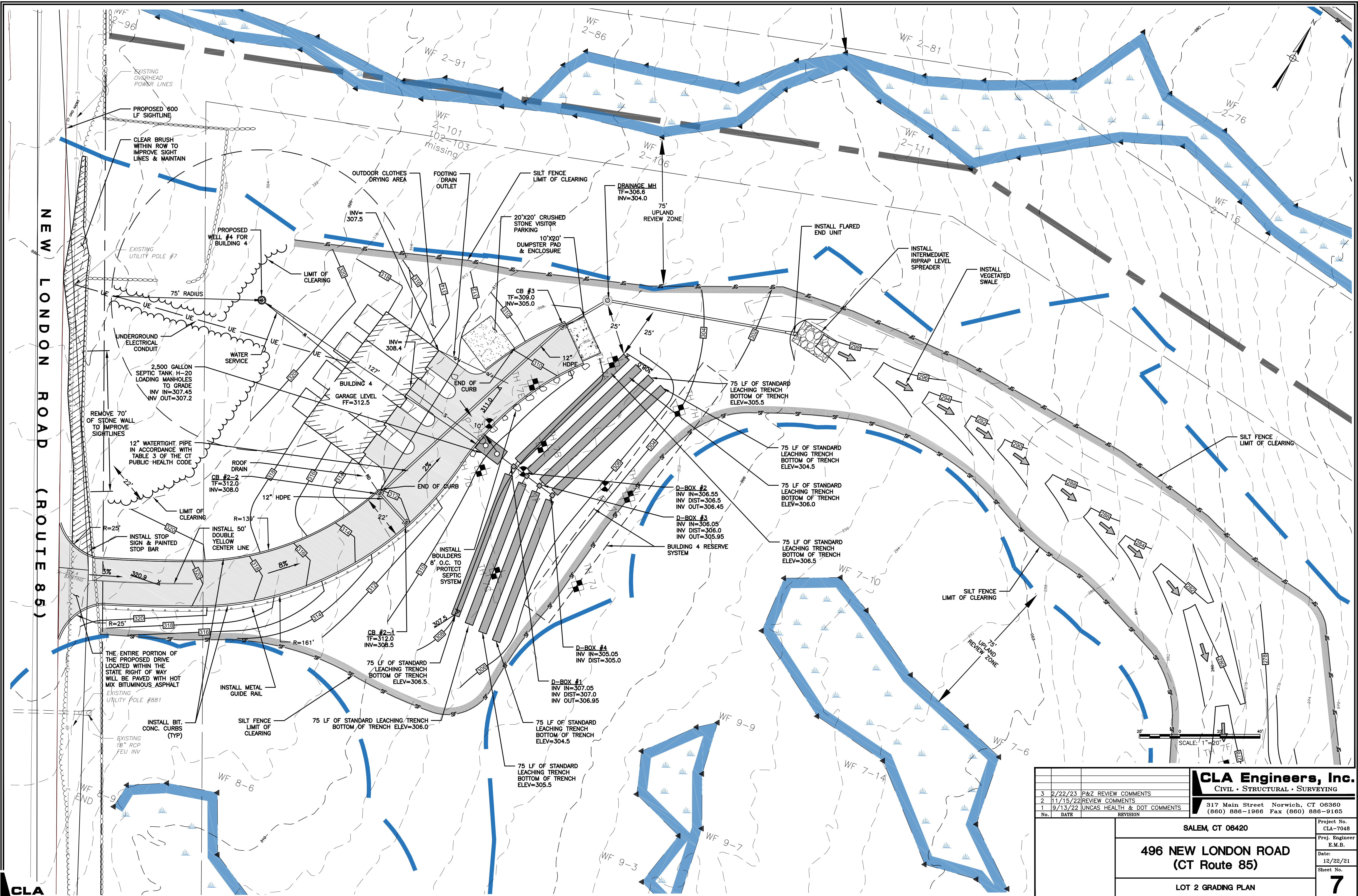
No.	DATE	REVISION
2	2/21/23	P&Z REVIEW COMMENTS
1	9/13/22	UNCAS HEALTH REVIEW



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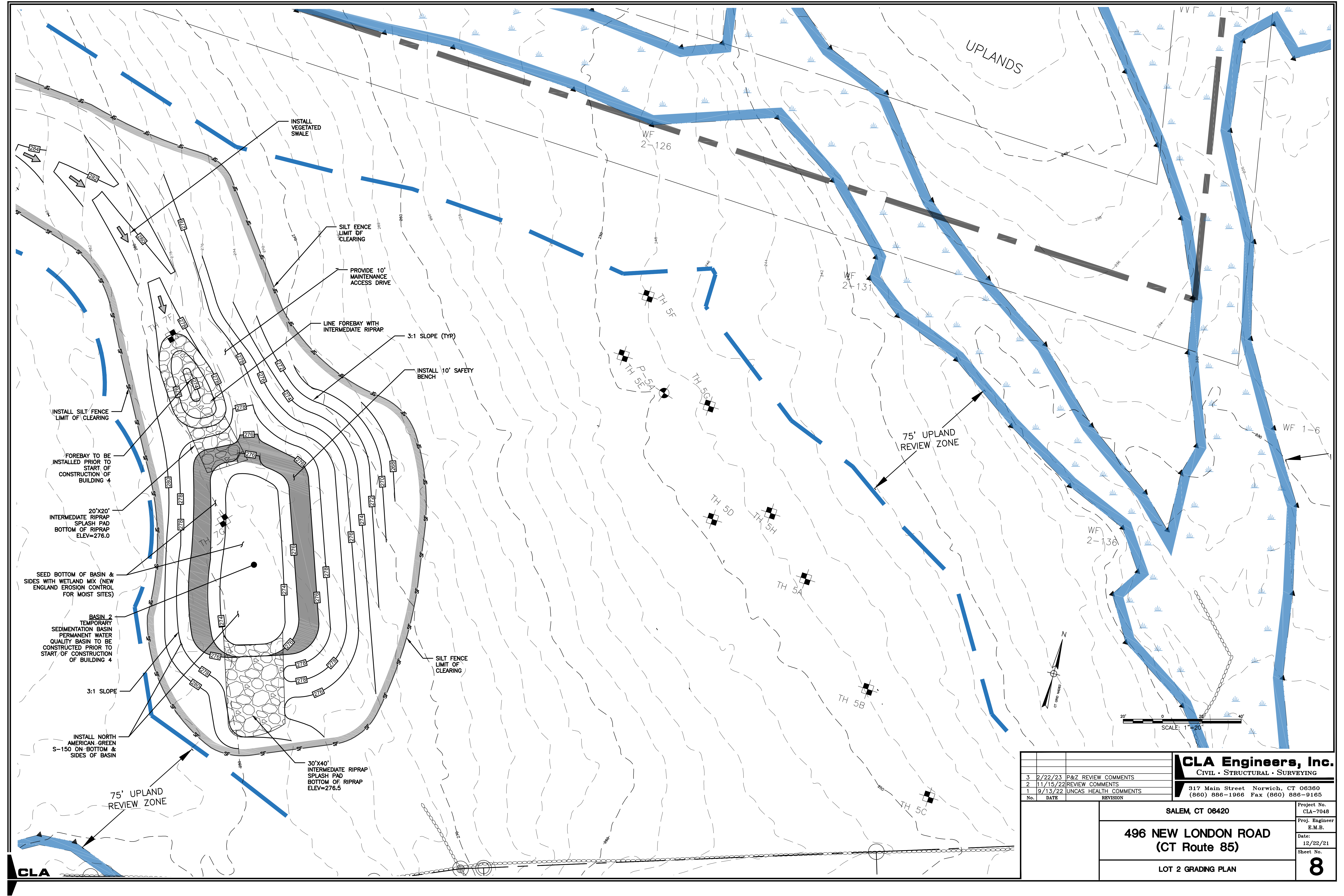


<b>CLA Engineers, Inc.</b> CIVIL • STRUCTURAL • SURVEYING 317 Main Street Norwich, CT 06360 (860) 886-1966 Fax (860) 886-9165		Project No. CLA-7048 Proj. Engineer E.M.B. Date: 12/22/21 Sheet No. <b>7</b>
SALEM, CT 06420 <b>496 NEW LONDON ROAD</b> <b>(CT Route 85)</b> LOT 2 GRADING PLAN		
3 2/22/23 P&Z REVIEW COMMENTS 2 11/15/22 REVIEW COMMENTS 1 9/13/22 UNCLAS HEALTH & DOT COMMENTS	No. DATE REVISION	

CLA



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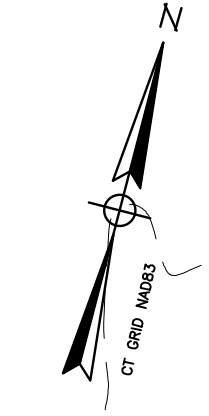
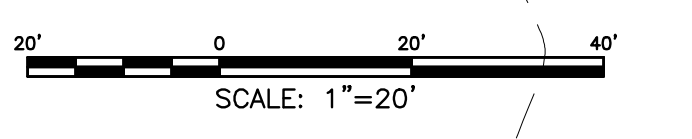
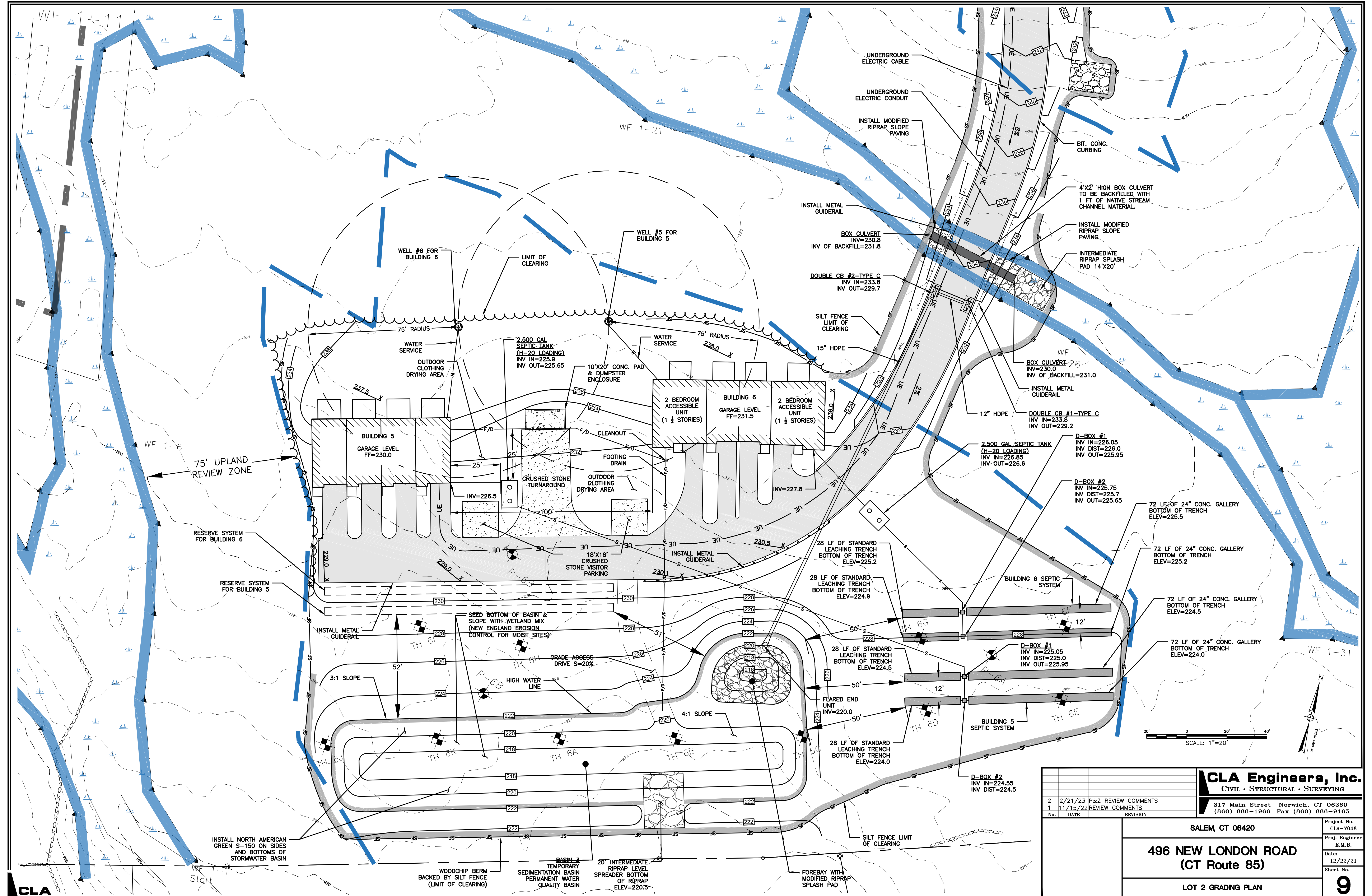
<b>CLA Engineers, Inc.</b> CIVIL • STRUCTURAL • SURVEYING 317 Main Street Norwich, CT 06360 (860) 886-1966 Fax (860) 886-9165		Project No. CLA-7048 Proj. Engineer E.M.B. Date: 12/22/21 Sheet No. <b>8</b>
Project No. 7048 496 NEW LONDON ROAD (CT Route 85) LOT 2 GRADING PLAN		Project No. 7048 Proj. Engineer E.M.B. Date: 12/22/21 Sheet No. 8
SALEM, CT 06420		

No.	DATE	REVISION
3	2/22/23	P&Z REVIEW COMMENTS
2	11/15/22	REVIEW COMMENTS
1	9/13/22	UNCAS HEALTH COMMENTS





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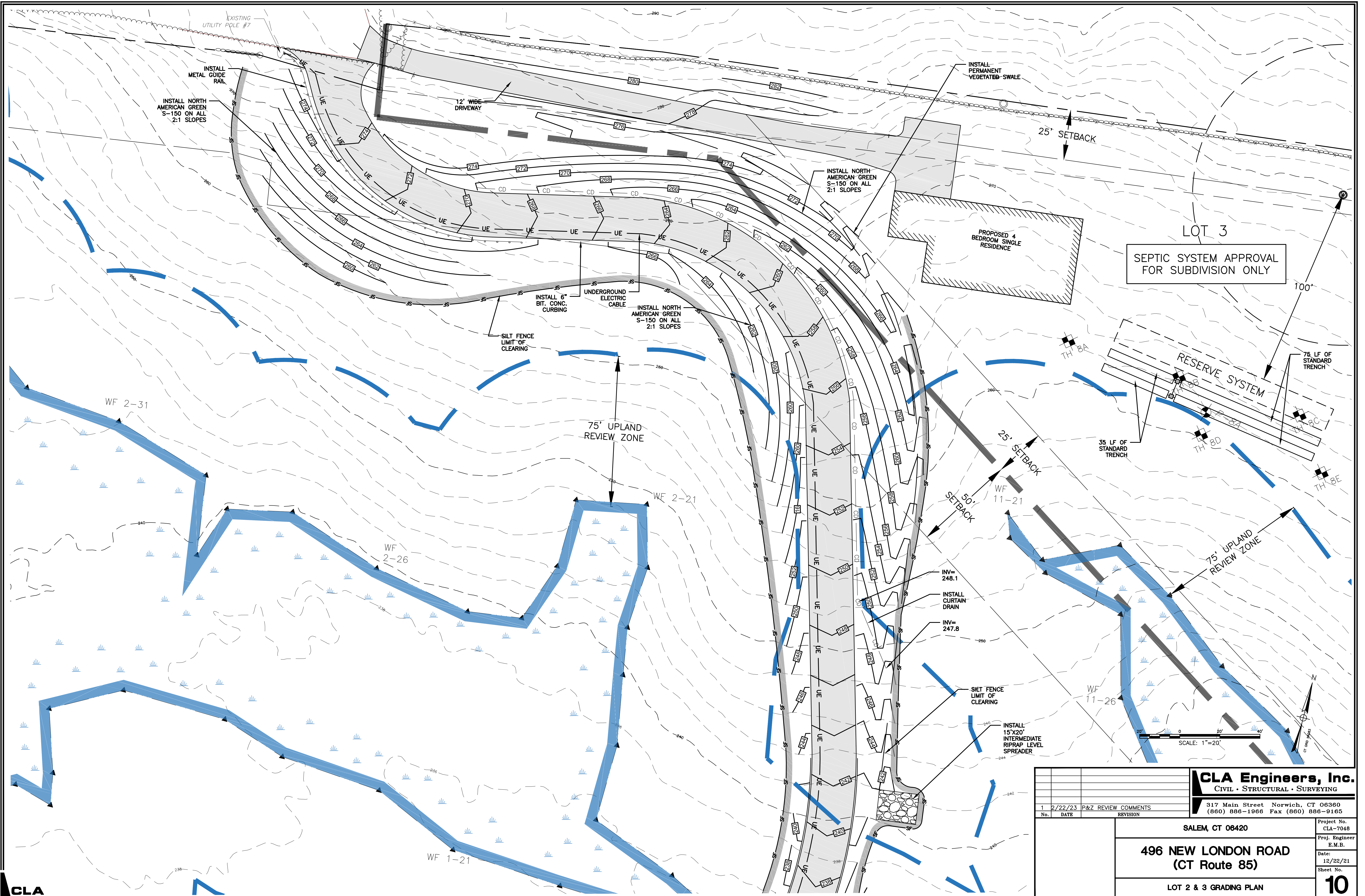


<b>CLA Engineers, Inc.</b> CIVIL • STRUCTURAL • SURVEYING 317 Main Street Norwich, CT 06360 (860) 886-1966 Fax (860) 886-9165		Project No. CLA-7048
		Proj. Engineer E.M.B.
2 2/21/23 P&Z REVIEW COMMENTS 1 11/15/22 REVIEW COMMENTS No. DATE REVISION		Date: 12/22/21
<b>SALEM, CT 06420</b>  <b>496 NEW LONDON ROAD</b> <b>(CT Route 85)</b>  <b>LOT 2 GRADING PLAN</b>		Sheet No. <b>9</b>





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<b>CLA Engineers, Inc.</b> CIVIL • STRUCTURAL • SURVEYING		317 Main Street Norwich, CT 06360 (860) 886-1966 Fax (860) 886-9165	Project No. CLA-7048 Proj. Engineer E.M.B. Date: 12/22/21 Sheet No. <b>10</b>
1 2/22/23 P&Z REVIEW COMMENTS No. DATE REVISION		SALEM, CT 06420	Project No. CLA-7048 Proj. Engineer E.M.B. Date: 12/22/21 Sheet No. <b>10</b>
<b>496 NEW LONDON ROAD</b> <b>(CT Route 85)</b>		<b>LOT 2 &amp; 3 GRADING PLAN</b>	







**PERC TEST DATA**

**PERC #1 6/02/2022**  
PRE-SOAK, 11:50 AM  
DRAINED AT 12:38 PM  
INTERVAL: 12-21"

TIME	DEPTH (IN)	CHANGE (IN)
12:45	12	
12:49	14	2.0
12:53	15	1.0
12:57	16	1.0
1:01	17	1.0
1:05	17.5	0.5
1:09	18.5	1.0
1:13	18.75	0.25
1:17	19.5	0.75
1:21	20	0.5
1:25	20.75	0.75
1:29	21	0.25

END OF TEST

MIN=1:17 TO 1:25 = 8 MIN  
IN=19.5" TO 20.75" = 1.25"  
8 MIN/1.25" = 6.4 MPI

**PERC #2 6/02/2022**  
PRE-SOAK, 11:03 AM  
DRAINED AT 11:54 AM  
INTERVAL: 18-29.5"

TIME	DEPTH (IN)	CHANGE (IN)
1:38	18	
1:42	20	2
1:46	21.5	1.5
1:50	22.5	1.0
1:54	23.5	1.0
1:58	24.25	0.75
2:02	25	0.5
2:06	25.5	0.5
2:10	26.25	0.75
2:14	26.75	0.5
2:18	27.25	0.5
2:22	27.5	0.25
2:26	28	0.5
2:30	28.5	0.5
2:34	29	0.5
2:38	29.5	0.5

END OF TEST

MIN=2:26 TO 2:38 = 12 MIN  
IN=28" TO 29.5" = 1.5"  
12 MIN/1.5" = 8.0 MPI

**PERC #2-A 7/12/2022**  
PRE-SOAK, 1:14 PM  
DRAINED AT 1:30 PM  
INTERVAL: 12-24"

TIME	DEPTH (IN)	CHANGE (IN)
5:55	12	
5:56	13.25	1.25
5:57	14.5	1.25
5:58	15	0.75
5:59	15.75	0.75
6:00	16.25	0.5
6:01	16.75	0.5
6:02	17.25	0.5
6:03	17.5	0.25
6:04	18	0.5
6:05	18.25	0.25
6:06	18.75	0.5
6:07	19	0.25
6:08	19.25	0.25
6:09	19.75	0.5
6:10	20	0.25
6:11	20.25	0.25
6:12	20.5	0.25
6:13	20.75	0.25
6:14	21	0.25
6:15	21.25	0.25
6:16	21.5	0.25
6:17	21.75	0.25
6:18	22	0.25
6:19	22.25	0.25
6:20	22.5	0.25
6:21	22.75	0.25
6:22	23.75	0.5
6:23	24	0.25

END OF TEST

MIN=6:03 TO 6:20 = 17 MIN  
IN=17.5" TO 22.5" = 5"  
17 MIN/5" = 3.4 MPI

**PERC #2-B 7/12/2022**  
PRE-SOAK, 1:24 PM  
DRAINED AT 1:45 PM  
INTERVAL: 12-24"

TIME	DEPTH (IN)	CHANGE (IN)
5:20	12	
5:21	13	1.0
5:22	13.75	0.75
5:23	14	0.25
5:24	14.5	0.5
5:25	15	0.5
5:26	15.5	0.5
5:27	16	0.5
5:28	16.25	0.25
5:29	16.75	0.5
5:30	17	0.25
5:31	17.25	0.25
5:32	17.5	0.25
5:32	17.75	0.25
5:33	18	0.25
5:34	18.25	0.25
5:35	18.5	0.25
5:36	18.75	0.25
5:37	19	0.25
5:38	19.25	0.25
5:39	19.75	0.5
5:40	19.75	-
5:41	20	0.25
5:42	20	0.25
5:43	20.25	0.25
5:44	20.5	0.25
5:45	20.75	0.25
5:46	21	0.25
5:47	21.25	0.25
5:48	21.5	0.25
5:49	22	0.5
5:50	22.25	0.25
5:51	22.75	0.5
5:52	24	1.25

END OF TEST

MIN=5:28 TO 5:50 = 22 MIN  
IN=16.25" TO 22.25" = 6"  
22 MIN/6" = 3.7 MPI

**PERC #2-C 7/21/2022**  
PRE-SOAK, 9:39 AM  
DRAINED AT 12:04 PM  
INTERVAL: 12-24"

TIME	DEPTH (IN)	CHANGE (IN)
10:32	12	
10:36	13.25	1.25
10:40	14.25	1.0
10:44	15	0.75
10:48	15.5	0.5
10:52	16	0.5
10:56	16.5	0.5
11:00	17	0.5
11:04	17.25	0.25
11:08	17.75	0.5
11:12	18.25	0.5
11:16	18.5	0.25
11:20	19	0.5
11:24	19.25	0.25
11:28	19.5	0.25
11:32	19.75	0.25
11:36	20	0.25
11:40	20.25	0.25
11:44	20.5	0.25
11:48	20.75	0.25
11:52	21.25	0.5
11:56	21.5	0.25
12:00	21.5	-
12:04	21.75	0.25
12:08	22	0.25
12:12	22.25	0.25
12:16	22.75	0.5
12:20	24	1.25

END OF TEST

MIN=11:16 TO 11:56 = 40 MIN  
IN=18.5" TO 21.5" = 3"  
40 MIN/3" = 13.3 MPI

**PERC #6-B 7/12/2022**  
PRE-SOAK, 10:43 AM  
DRAINED AT 11:02 AM  
INTERVAL: 12-24"

TIME	DEPTH (IN)	CHANGE (IN)
11:30	12	
11:31	13	1.0
11:32	13.75	0.75
11:33	14.5	0.75
11:34	15	0.5
11:35	15.5	0.5
11:36	16	0.5
11:37	16.5	0.5
11:38	17	0.5
11:39	17.5	0.5
11:40	18	0.5
11:41	18.25	0.25
11:42	18.5	0.25
11:43	18.75	0.25
11:44	19	0.25
11:45	19.25	0.25
11:46	19.5	0.25
11:47	20	0.5
11:48	20.25	0.25
11:49	20.5	0.25
11:50	20.5	-
11:51	20.75	0.25
11:52	20.75	-
11:53	21	0.25
11:54	21	-
11:55	21.25	0.25
11:56	21.5	0.25
11:57	21.5	-
11:58	21.75	0.25
11:59	22	0.25
12:00	22	-
12:01	22.25	0.25
12:02	22.5	0.25
12:03	22.5	-
12:04	22.75	0.25
12:05	23	0.25
12:06	24	1.0

END OF TEST

MIN=11:41 TO 12:05 = 24 MIN  
IN=18.25" TO 23" = 4.75"  
24 MIN/4.75" = 5.0 MPI

**PERC #7-A 6/16/2022**  
PRE-SOAK, 11:23 AM  
DRAINED AT 12:04 PM  
INTERVAL: 19-34.5"

TIME	DEPTH (IN)	CHANGE (IN)
1:09	19	
1:13	20.5	1.5
1:17	22	1.5
1:21	23.5	1.5
1:25	24.5	1.0
1:29	25.5	1.0
1:33	26.25	0.75
1:37	27	0.75
1:41	27.75	0.75
1:45	28.25	0.5
1:49	29	0.75
1:53	29.75	0.75
1:57	30.25	0.5
2:01	30.75	0.5
2:05	31.25	0.5
2:09	31.75	0.5
2:13	32	0.25
2:17	32.25	0.25
2:21	32.5	0.25
2:25	32.75	0.25
2:29	33.25	0.5
2:33	33.75	0.5

END OF TEST

MIN=1:57 TO 2:09 = 12 MIN  
IN=30.25" TO 31.75" = 1.5"  
12 MIN/1.5" = 8.0 MPI

**PERC #7-B 6/16/2022**  
PRE-SOAK, 10:52 AM  
DRAINED AT 12:15 PM  
INTERVAL: 9.5-25.5"

TIME	DEPTH (IN)	CHANGE (IN)
1:07	9.5	
1:11	12.5	3.0
1:15	13.5	1.0
1:19	14.5	1.0
1:23	15.5	1.0
1:27	16.5	1.0
1:31	17	0.5
1:35	17.5	0.5
1:39	18.25	0.75
1:43	19	0.75
1:47	19.75	0.75
1:51	20	0.25
1:55	20.5	0.5
1:59	21	0.5
2:03	21.25	0.25
2:07	21.5	0.25
2:11	21.75	0.25
2:15	22	0.25
2:19	22.5	0.5
2:23	22.75	0.25
2:27	23	0.25
2:31	23.5	0.5
2:35	23.75	0.25
2:39	24	0.25
2:43	24.25	0.25
2:47	24.5	0.25
2:51	24.75	0.25
2:55	25	0.25
2:59	25.25	0.25
3:03	25.5	0.25

END OF TEST

MIN=2:35 TO 3:03 = 28 MIN  
IN=23.75" TO 25.5" = 1.75"  
12 MIN/1.5" = 16.0 MPI

**PERC #7-C 6/24/2022**  
PRE-SOAK, 10:48 AM  
DRAINED AT 12:00 PM  
INTERVAL: 11.25"-23.25"

TIME	DEPTH (IN)	CHANGE (IN)
12:56	11.25	
1:00	12.75	1.5
1:04	13.75	1.0
1:08	14.75	1.0
1:12	15.75	1.0
1:16	16.25	0.5
1:20	17	0.75
1:24	17.75	0.75
1:28	18.25	0.5
1:32	18.5	0.25
1:36	19.5	0.75
1:40	20	0.25
1:44	20.25	0.5
1:48	20.5	0.25
1:52	21	0.25
1:56	21.5	0.5
2:00	21.75	0.5
2:04	22	0.25
2:08	22.25	0.25
2:12	22.5	0.25
2:16	22.75	0.25
2:20	23	0.25
2:24	23.25	0.25

END OF TEST

MIN=1:40 TO 2:20 = 40 MIN  
IN=20" TO 23" = 3"  
40 MIN/3" = 13.3 MPI

**PERC #8-A 7/13/2022**  
PRE-SOAK, 11:31 AM  
DRAINED AT 12:00 PM  
INTERVAL: 12-24"

TIME	DEPTH (IN)	CHANGE (IN)
12:14	12	
12:17	13	1.0
12:20	14	1.0
12:23	15	1.0
12:26	15.75	0.75
12:29	16.25	0.5
12:32	17	0.75
12:35	17.5	0.5
12:38	18	0.5
12:41	18.5	0.5
12:44	19	0.5
12:47	19.5	0.5
12:50	19.75	0.25
12:53	20	0.25
12:56	20.5	0.5
12:59	21	0.5
1:02	21.25	0.25
1:05	22.25	1.0
1:08	24	1.75

END OF TEST

MIN=12:35 TO 1:02 = 27 MIN  
IN=17.5" TO 21.25" = 3.75"  
27 MIN/3.75" = 7.2 MPI

**PERC #3-A 6/03/2022**  
PRE-SOAK, 3:17 PM  
DRAINED AT 4:11 PM  
INTERVAL: 18-30"

TIME	DEPTH (IN)	CHANGE (IN)
9:38	18	
9:42	19	2
9:46	20.5	1.5
9:50	21.5	1.0
9:54	22.5	1.0
9:58	23.5	0.75
10:02	24	0.5
10:06	25	0.5
10:10	26	0.75
10:14	26.5	0.5
10:18	27	0.5
10:22	27.25	0.25
10:26	27.75	0.5
10:30	28.5	0.5
10:34	29	0.5
10:38	29.5	0.5
10:38	30	0.5

END OF TEST

MIN=10:26 TO 10:38 = 12 MIN  
IN=27.75" TO 30" = 2.25"  
12 MIN/2.25" = 5.33 MPI

**PERC #3-B 6/24/2022**  
PRE-SOAK, 12:03 PM  
DRAINED AT 12:50 PM  
INTERVAL: 13-25"

TIME	DEPTH (IN)	CHANGE (IN)
2:56	13	
3:00	15.5	2.5
3:04	16.5	1.0
3:08	17.5	1.0
3:12	18.5	1.0
3:16	19.25	0.75
3:20	20	0.75
3:24	20.75	0.75
3:28	21	0.25
3:32	21.25	0.25
3:36	21.75	0.5
3:40	22	0.25
3:44	22.25	0.25
3:48	22.5	0.25
3:52	23	0.5
3:56	25	1.0

END OF TEST

MIN=3:28 TO 3:48 = 20 MIN  
IN=21" TO 22.5" = 1.5"  
20 MIN/1.5" = 13.3 MPI

**PERC #3-C 7/08/2022**  
PRE-SOAK, 2:20 PM  
DRAINED AT 3:00 PM  
INTERVAL: 16.75-28.75"

TIME	DEPTH (IN)	CHANGE (IN)
2:56	16.75	
3:00	19.25	2.5
3:04	20.75	1.5
3:08	22	1.25
3:12	23.25	1.25
3:16	23.75	0.5
3:20	24.75	1.0
3:24	25.25	0.5
3:28	26.25	1.0
3:32	26.75	0.5
3:36	27.25	0.5
3:40	28	0.75
3:44	28.25	0.25

END OF TEST

MIN=3:16 TO 3:36 = 20 MIN  
IN=23.75" TO 27.25" = 3.5"  
20 MIN/3.5" = 5.7 MPI

**PERC #4-B 6/03/2022**  
PRE-SOAK, 3:45 PM  
DRAINED AT 5:30 PM  
INTERVAL: 25-36"

TIME	DEPTH (IN)	CHANGE (IN)
9:40	26.25	
9:48	27	0.75
9:56		



### STORMWATER POND PLANTING SCHEDULE

PLANT NAME	NWI WETLAND INDICATOR STATUS	QUANTITY/DESCRIPTION	PLANTING ZONE
Sweetflag ( <i>Acorus americana</i> )	Obligate	100 plugs (to be located by wetland scientist)	Elevation 114 to 118
Blue Flag Iris ( <i>Iris versicolor</i> )	-	100 plugs (to be located by wetland scientist)	Elevation 114 to 118
Burr Reed ( <i>Sparganium americanum</i> )	Obligate	200 plugs (to be located by wetland scientist)	Elevation 114 to 118
<b>SEED MIX</b>			
New England Wetmix	Variable	1 lb/2500 S.F. seed mix to be broadcast over wetland area	Entire basin bottom up to elevation 120

### SEED MIX FOR STORMWATER POND SIDES

**THE NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR DETENTION BASINS AND MOIST SITES** CONTAINS A SELECTION OF NATIVE GRASSES AND WILDFLOWERS DESIGNED TO COLONIZE RECENTLY DISTURBED SITES WHERE QUICK GROWTH OF VEGETATION IS DESIRED TO STABILIZE THE SOIL SURFACE. IT IS AN EXCELLENT SEED MIX FOR ECOLOGICALLY APPROPRIATE RESTORATIONS ON MOIST SITES THAT REQUIRE QUICK STABILIZATION AS WELL AS LONG-TERM ESTABLISHMENT OF NATIVE VEGETATION. THIS MIX IS PARTICULARLY APPROPRIATE FOR DETENTION BASINS THAT DO NOT NORMALLY HOLD STANDING WATER. SOME PLANTS IN THIS MIX CAN TOLERATE INFREQUENT INUNDATION, BUT NOT CONSTANT FLOODING.

**SEEDING:** THE MIX MAY BE APPLIED BY HYDROSEEDING, BY MECHANICAL SPREADER, BY HYDRO-SEEDING OR ON SMALL SITES IT CAN BE SPREAD BY HAND. WHEN APPLYING ON BARE SOIL, RAKE THE SOIL TO CREATE GROOVES, APPLY SEED, THEN LIGHTLY RAKE OVER. IN NEW ENGLAND, THE BEST RESULTS ARE OBTAINED WITH A SPRING OR EARLY FALL SEEDING. SUMMER AND LATE FALL SEEDING WILL BENEFIT WITH A LIGHT MULCHING OF WEED-FREE STRAW TO CONSERVE MOISTURE. LATE FALL AND WINTER DORMANT SEEDING REQUIRE A SLIGHT INCREASE IN THE SEEDING RATE. FERTILIZATION IS NOT REQUIRED UNLESS THE SOILS ARE PARTICULARLY INFERTILE.

APPLICATION RATE: 35 LBS/ACRE (1250 SQ. FT./LB.)

**SPECIES:** SWITCHGRASS (*Panicum virgatum*), VIRGINIA WILD RYE (*Elymus virginicus*), CREEPING RED FESCUE (*Festuca rubra*), FOX SEDGE (*Carex vulpinoidea*), CREEPING BENTGRASS (*Agrostis stolonifera*), SOFT RUSH (*Juncus effusus*), NEW ENGLAND ASTER (*Aster novae-angliae*), GRASS-LEAVED GOLDENROD (*Euthamia graminifolia*), GREEN BULRUSH (*Scirpus atrovirens*), BONESET (*Eupatorium perfoliatum*), BLUE VERVAIN (*Verbena hastata*) UPLAND BENTGRASS (*Agrostis perennans*), BIG BLUESTEM, NIAGRA (*Andropogon gerardii*), SENSITIVE FERN (*Onoclea sensibilis*), LITTLE BLUESTEM (*Schizachyrium scoparium*), WOOLGRASS (*Scirpus cyperinus*).

### SEED MIX FOR PERIMETER SLOPES

The **New England Native Warm Season Grass Mix** contains a broad spectrum of native warm season grasses to ensure that a variety of the species will survive in the sandy and droughty conditions typically found along roadsides, gravel mine reclamation areas, and other low-fertility, well-drained soil conditions. This mix is somewhat slow to germinate and establish during the first year of planting, but it will produce good cover by the end of the second growing season and establish long-living native stands. Cool season rye grass and fescue have been added as a "starter" seed for erosion control. This mix has excellent heat and drought tolerance, and grows well in well-drained soils. Warm season grasses provide excellent year-round cover and food for wildlife, particularly as winter cover for small animals.

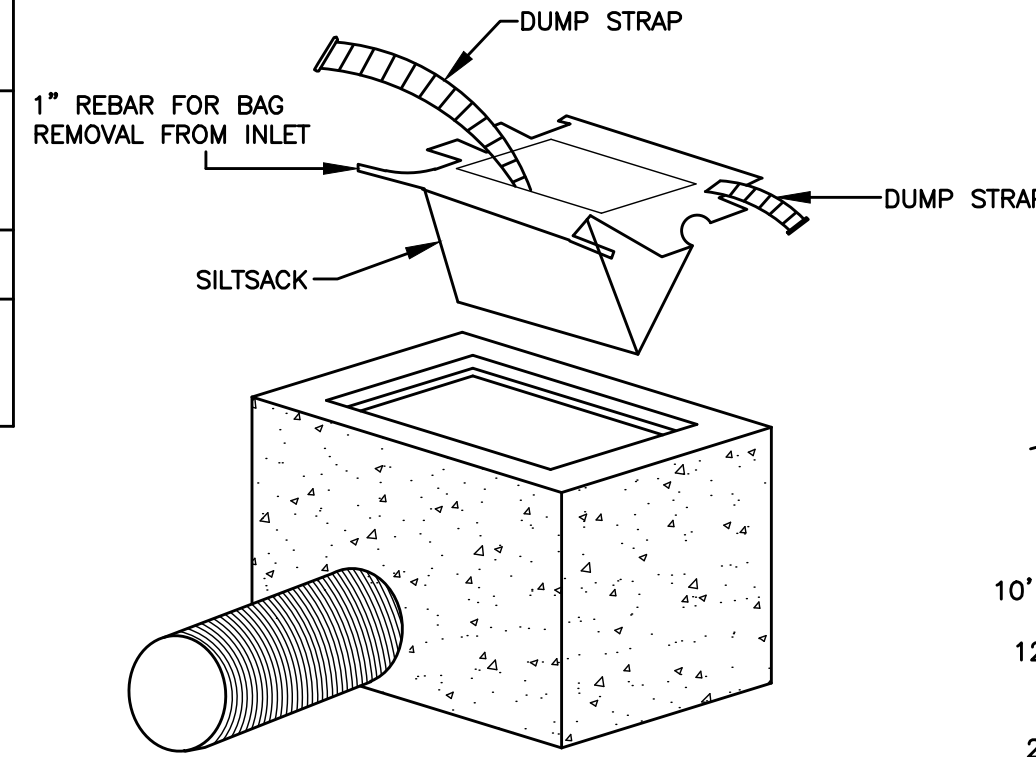
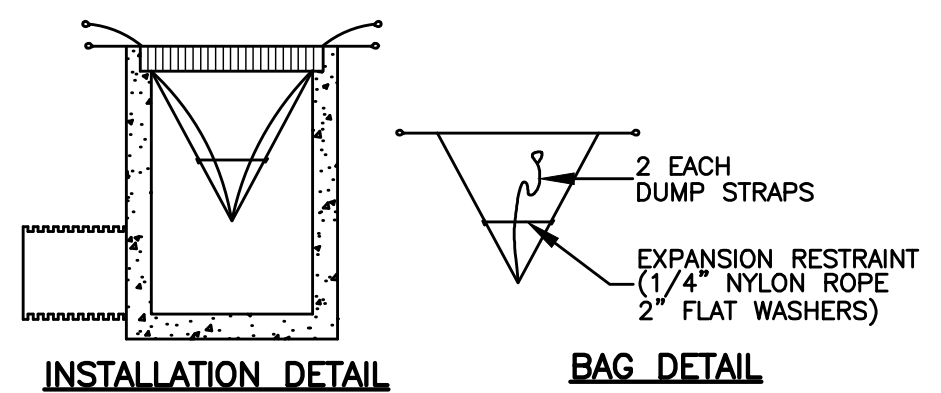
**Seeding:** This mix may be applied by hydro seeding on slopes, by mechanical spreader, or on small sites it may be spread by hand. In New England, the best results are obtained with a mid-late Spring seeding. Application Rate: 23 LBS/ACRE (1900 SQ. FT./LB)

### PLANTING SPECIFICATIONS

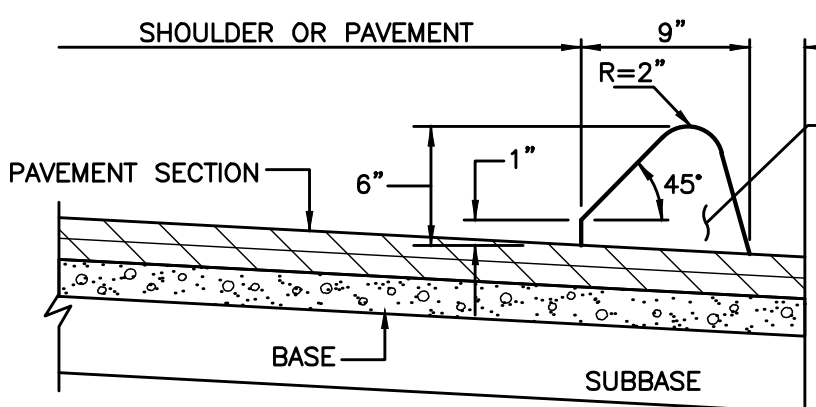
- All plants shall be nursery grown and conform to the latest edition of ANSI 260.1, AMERICAN STANDARD FOR NURSERY STOCK.
- No substitution of plant materials will be allowed without the prior written consent of the Project Owner and the Town of Waterford planning staff.
- Planting mixture for trees and shrubs:  
1 part dehydrated cow manure or composted organic material  
2 parts peat moss  
3 parts topsoil
- Fertilizer: to be complete plant food with a guaranteed analysis of 10-10-10 unless otherwise approved by the landscape architect. Fertilizer shall contain 50% slow release nitrogen and 50% quick release nitrogen.
- All plant pits must be free draining. Break up the bottom of the hole by fork if necessary to ensure plant has proper drainage.
- Set all plants in center of plant pits, plumb and straight and as detailed on the drawing. All plant material shall bear the same relationship to finished grade as to original planting grade prior to digging. Trees shall be planted with the junction of roots and stem level with finished grade.
- Handle balled and burlapped plants from the ball only. Once positioned in the hole, remove the top 1/3 of the burlap from the root ball without disturbing the roots.
- Face each plant to give the best appearance.
- Do not stake the trees unless directed by the landscape architect.
- Fill plant pits 2/3 their depth with prepared planting mixture, water thoroughly and allow to settle. Complete back-filling, water thoroughly to eliminate any voids and air pockets. Provide additional back-fill as necessary to conform to required elevation and as detailed.
- Form saucer and install mulch over entire plant pit and saucer area as detailed.
- 3 inches shredded hemlock bark mulch or equal shall be used around all trees and shrub plantings.
- All plants and trees shall be guaranteed for a period of one full year after inspection and acceptance by the Owner's representative, and shall have at least 80% healthy growth at the end of the guarantee period.

### STREAM BED RESTORATION NOTES

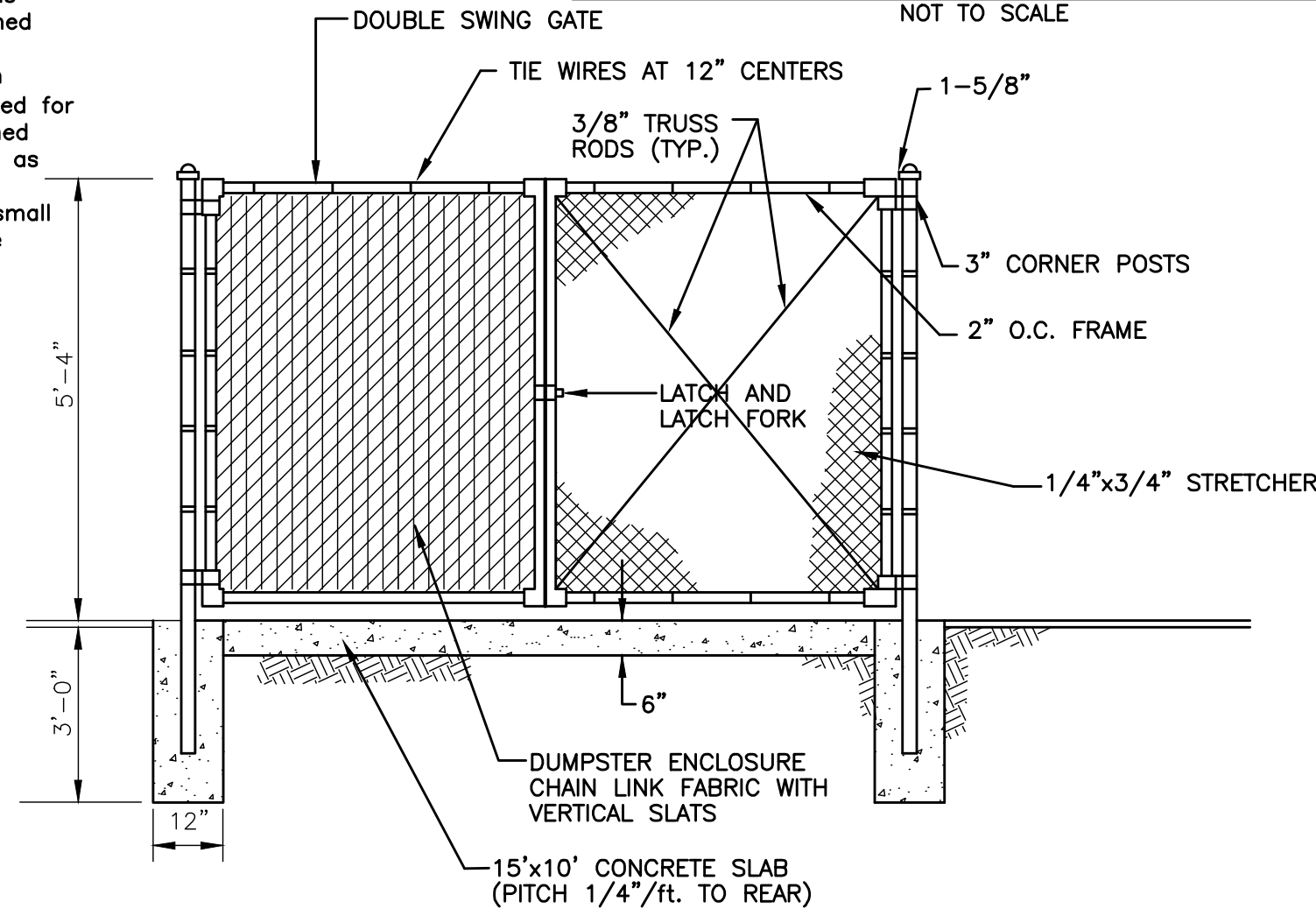
- REMOVE AND STOCKPILE ALL EXISTING SAND, GRAVEL, COBBLE, AND BOULDERS FROM ALL EXCAVATION WITHIN THE EXISTING CHANNEL. REUSE MATERIAL FOR THE 12" NATIVE MATERIAL WITHIN THE BOX CULVERT TO CREATE THE CHANNEL BED.
- CHANNEL RESTORATION/CREATION:  
A. PERFORM WORK DURING LOW OR NO FLOW CONDITIONS. PROVIDE SAND BAG COFFER DAMS AND BYPASS PUMPING AS NEEDED TO COMPLETE WORK.  
B. ROUGH CONTOUR THE SUBGRADE OF THE CHANNEL WITH NATIVE MATERIAL.  
C. SUPPLEMENT SUBGRADE MATERIAL WITH EXISTING SAND OR GRAVEL EXCAVATED FROM THE SITE OR OFFSITE MATERIAL. DO NOT REUSE SILTS, CLAYS, OR ORGANIC MATERIAL WITHIN THE CHANNEL.  
D. THE TOP 12" OF THE CHANNEL MUST BE STOCKPILED NATIVE SAND, GRAVEL, COBBLE, AND BOULDER OVER THE PREPARED SUBGRADE. SUPPLEMENT WITH BED ARMORING AS OUTLINED BELOW.
- SUPPLEMENTAL RANDOM BED ARMORING SHALL BE 3"-12" WEATHERED/ROUNDED STONE PLACED WITHIN THE CHANNEL TO INFILL GAPS IN THE NATIVE MATERIAL.



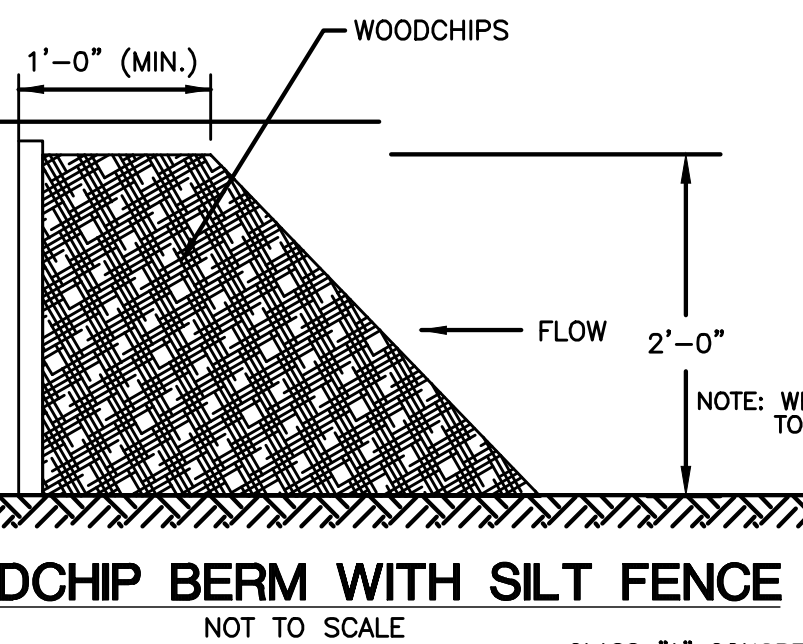
**INLET SEDIMENT CONTROL DEVICE DETAIL**  
NOT TO SCALE



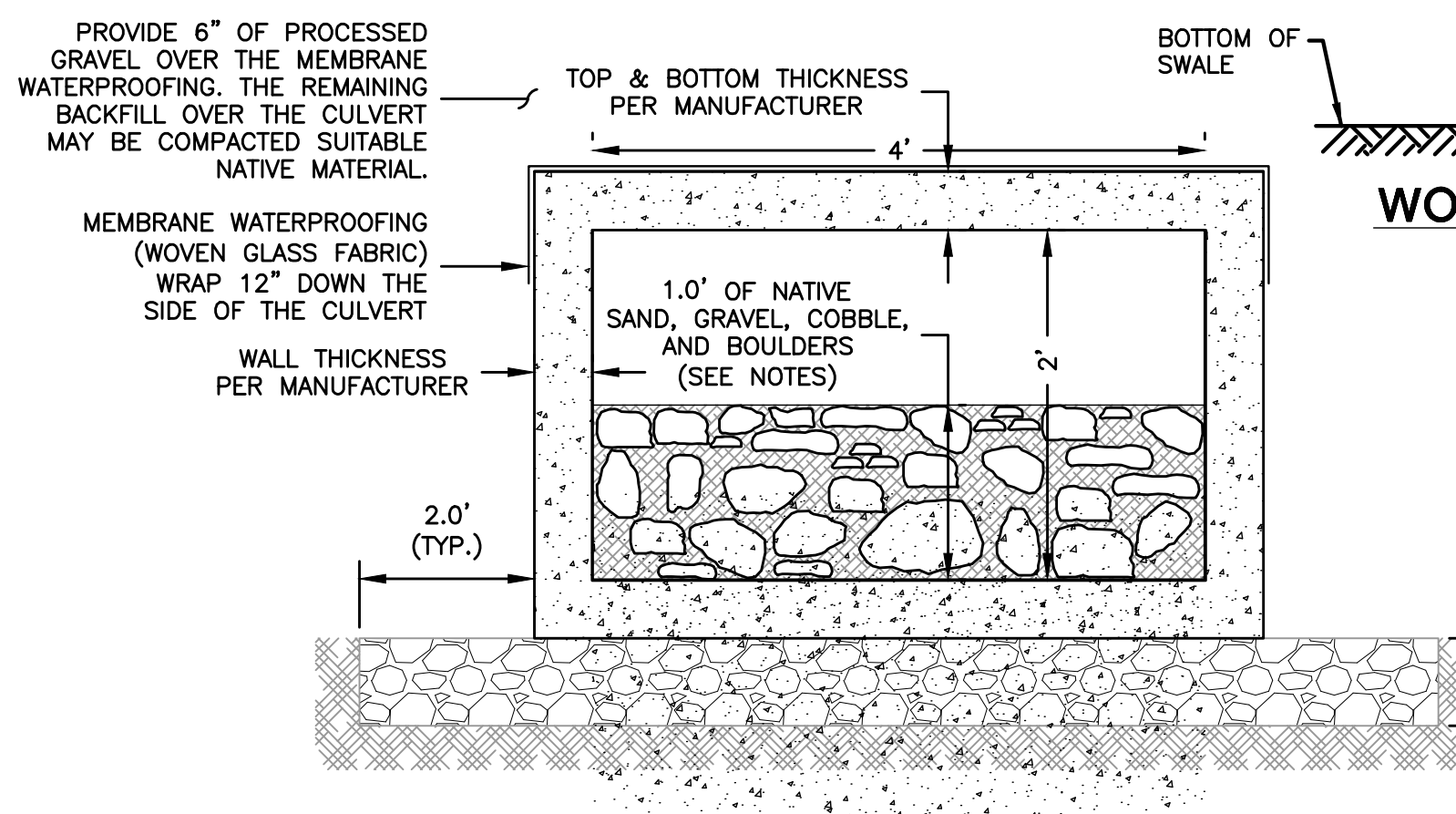
**BITUMINOUS CONCRETE LIP CURBING**  
NOT TO SCALE



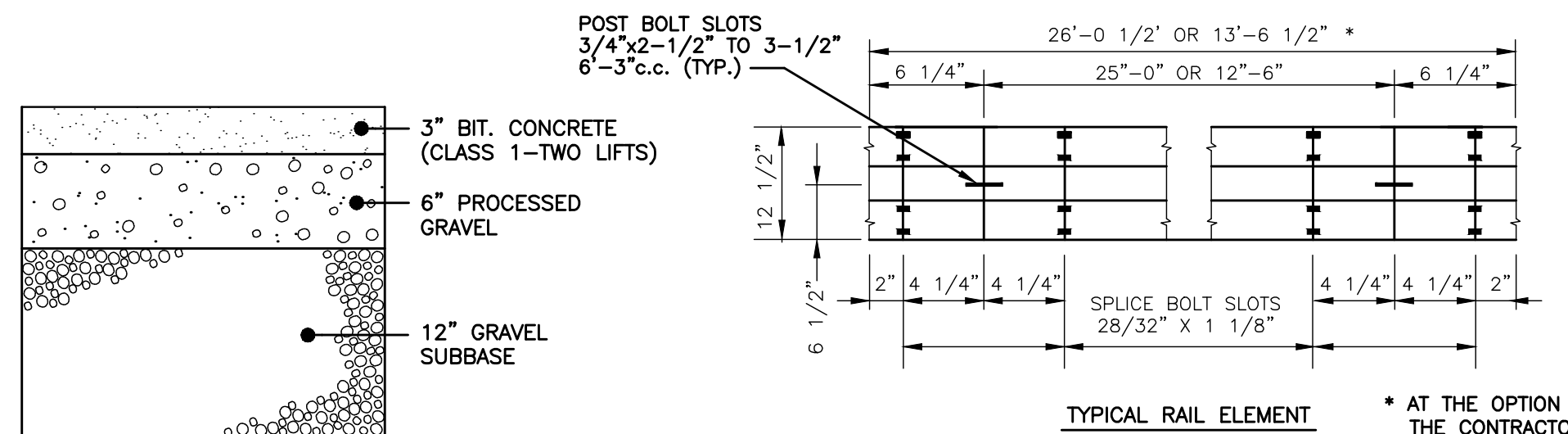
**CHAIN LINK FENCE/DUMPSTER ENCLOSURE**  
NOT TO SCALE



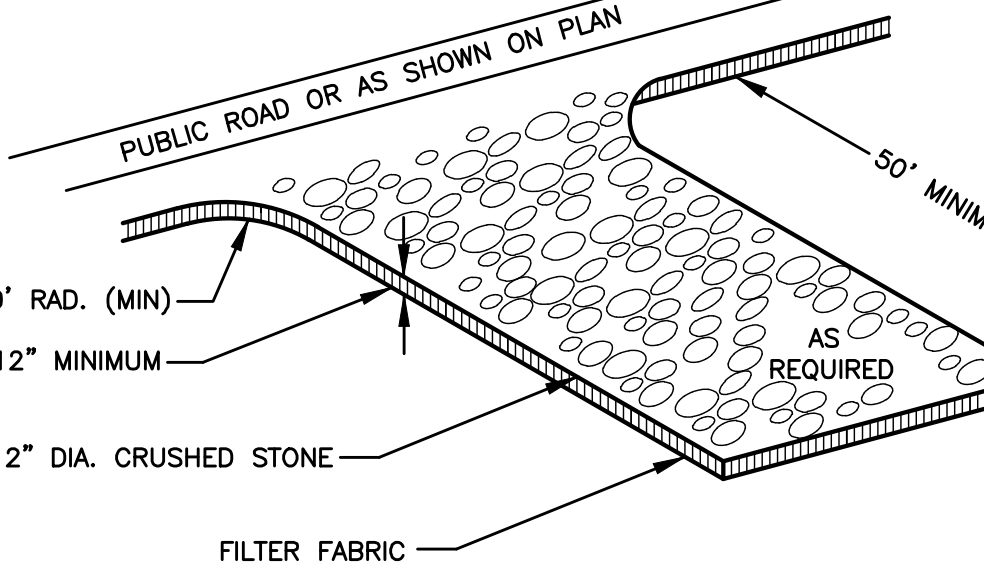
**WOODCHIP BERM WITH SILT FENCE**  
NOT TO SCALE



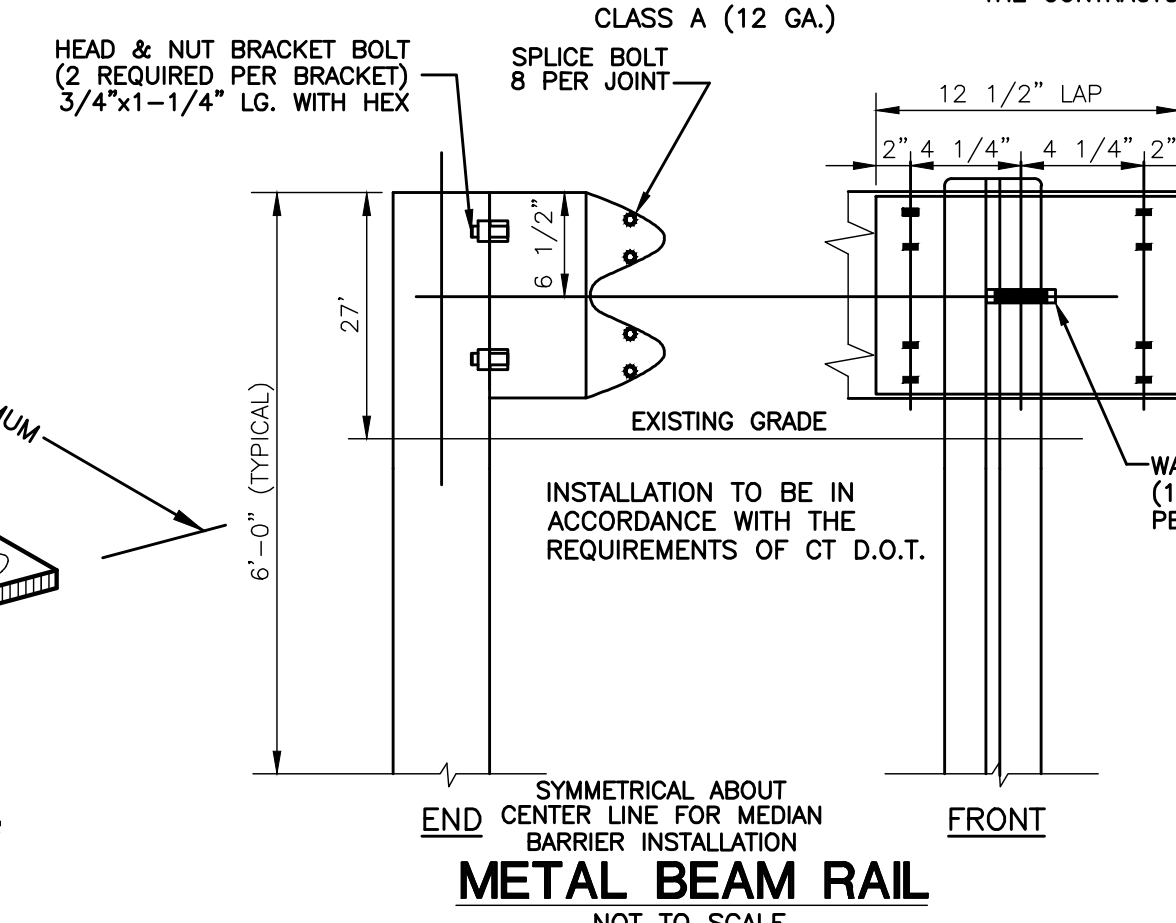
**TYPICAL 4-SIDED PRECAST CONCRETE BOX CULVERT SECTION**  
NOT TO SCALE



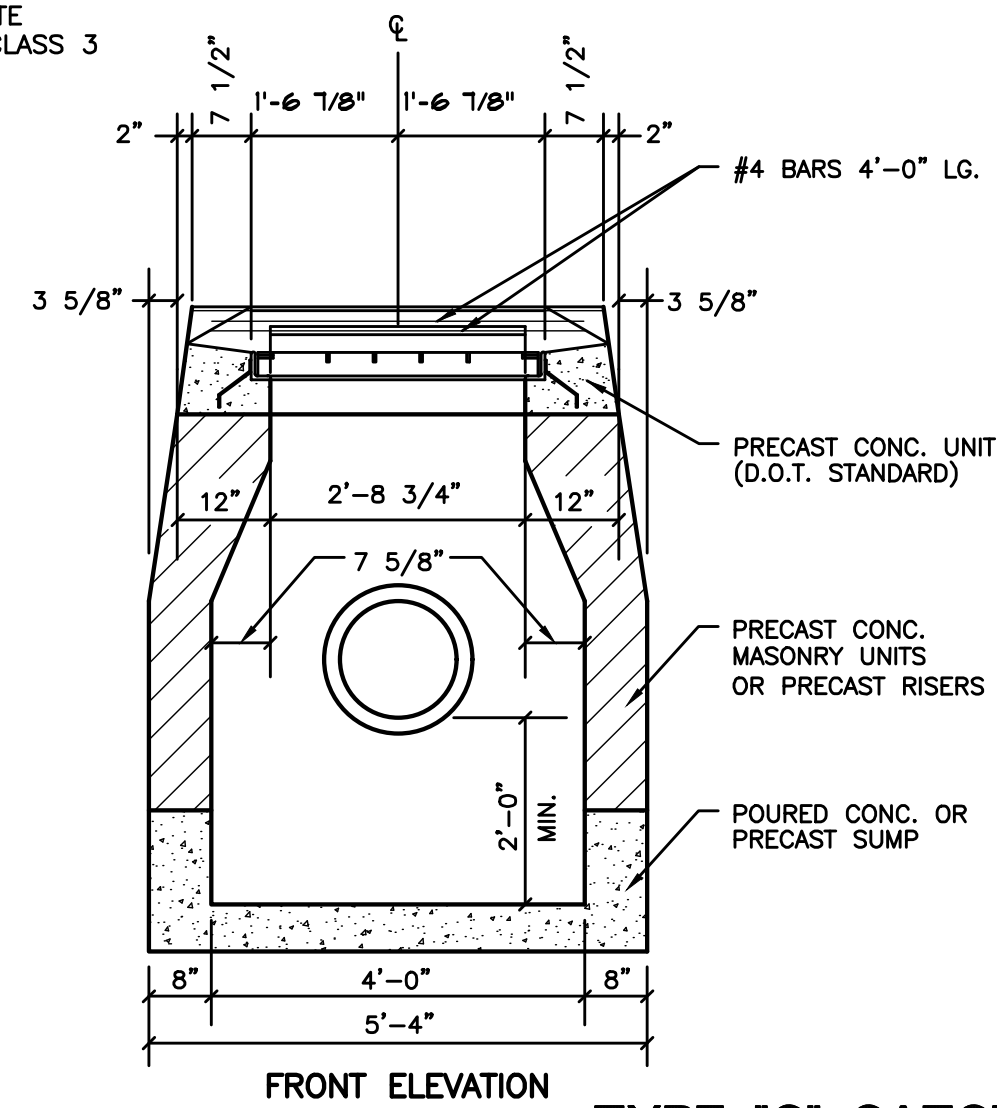
**PAVING SECTION**  
NOT TO SCALE



**ANTI-TRACKING PAD DETAIL**  
NOT TO SCALE

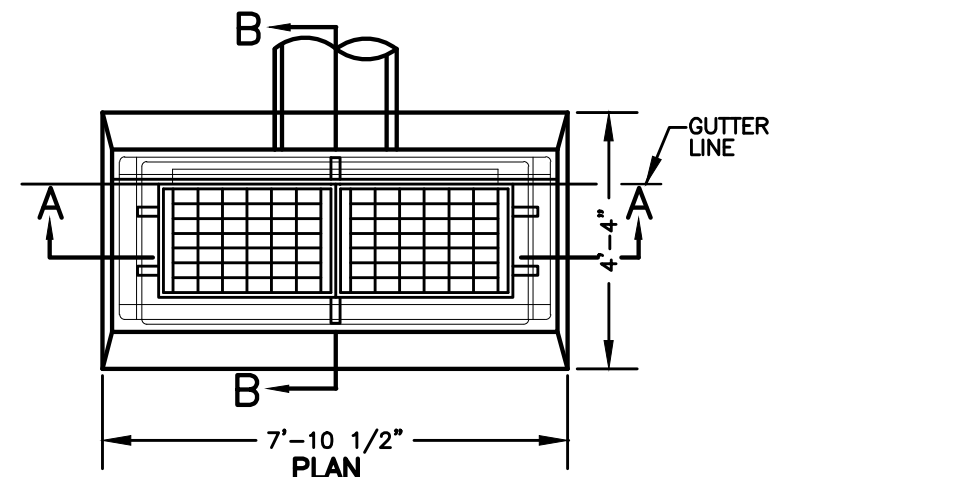


**METAL BEAM RAIL**  
NOT TO SCALE

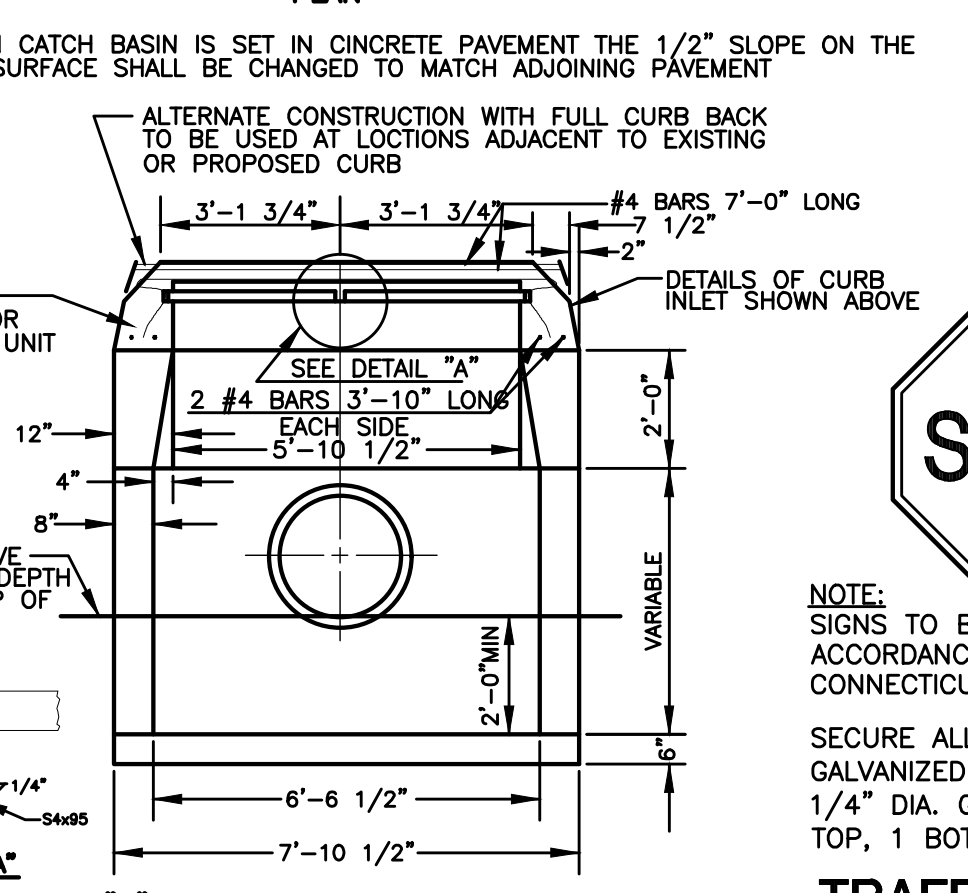


**TYPE 'C' CATCH BASIN DETAIL**  
NOT TO SCALE

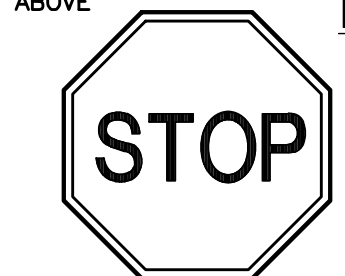
**NOTES:** WHERE CALLED FOR ON SHEET 4, WATER TIGHT CATCH BASINS: SEAL ALL JOINTS WITH BIDCO C-56 PRE-FORMED BUTYL MASTIC JOINT SEALANT AND COAT THE ENTIRE OUTSIDE OF THE STRUCTURE WITH BAY OIL COMPANY EBONY WATERPROOF & CONCRETE SEALER.



**WALLPACK LIGHTING STANDARD**  
NOT TO SCALE



**TYPE 'C' CATCH BASIN DOUBLE GRATE-TYPE 2 DOUBLE CATCH BASIN TYPE 'C'**  
NOT TO SCALE



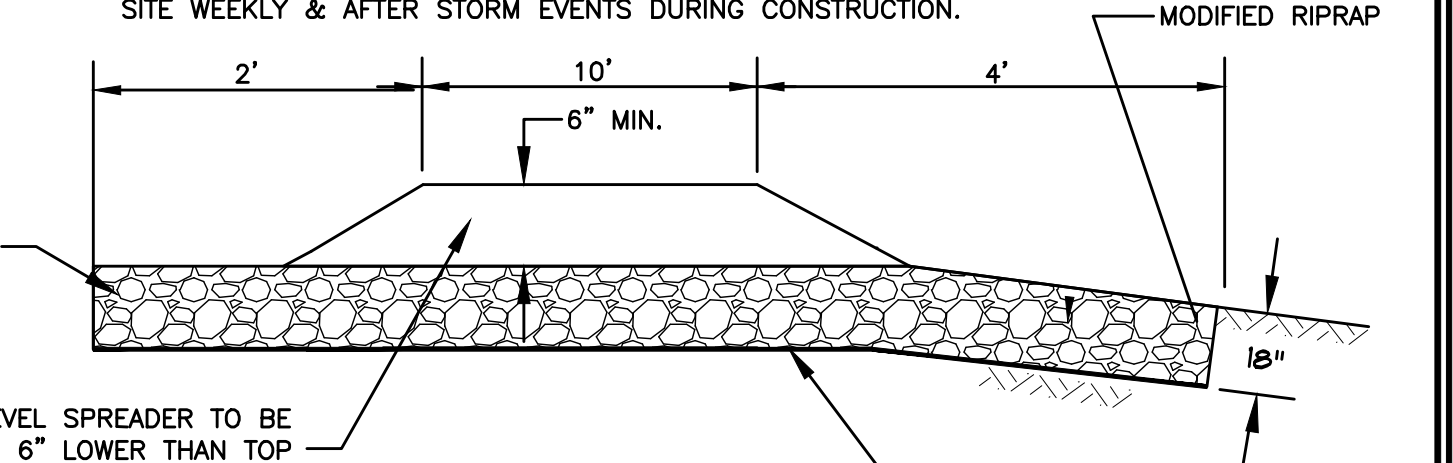
**TRAFFIC SIGNAGE**  
NOT TO SCALE

NOTE: SIGNS TO BE INSTALLED IN ACCORDANCE WITH STATE OF CONNECTICUT D.O.T. STANDARDS

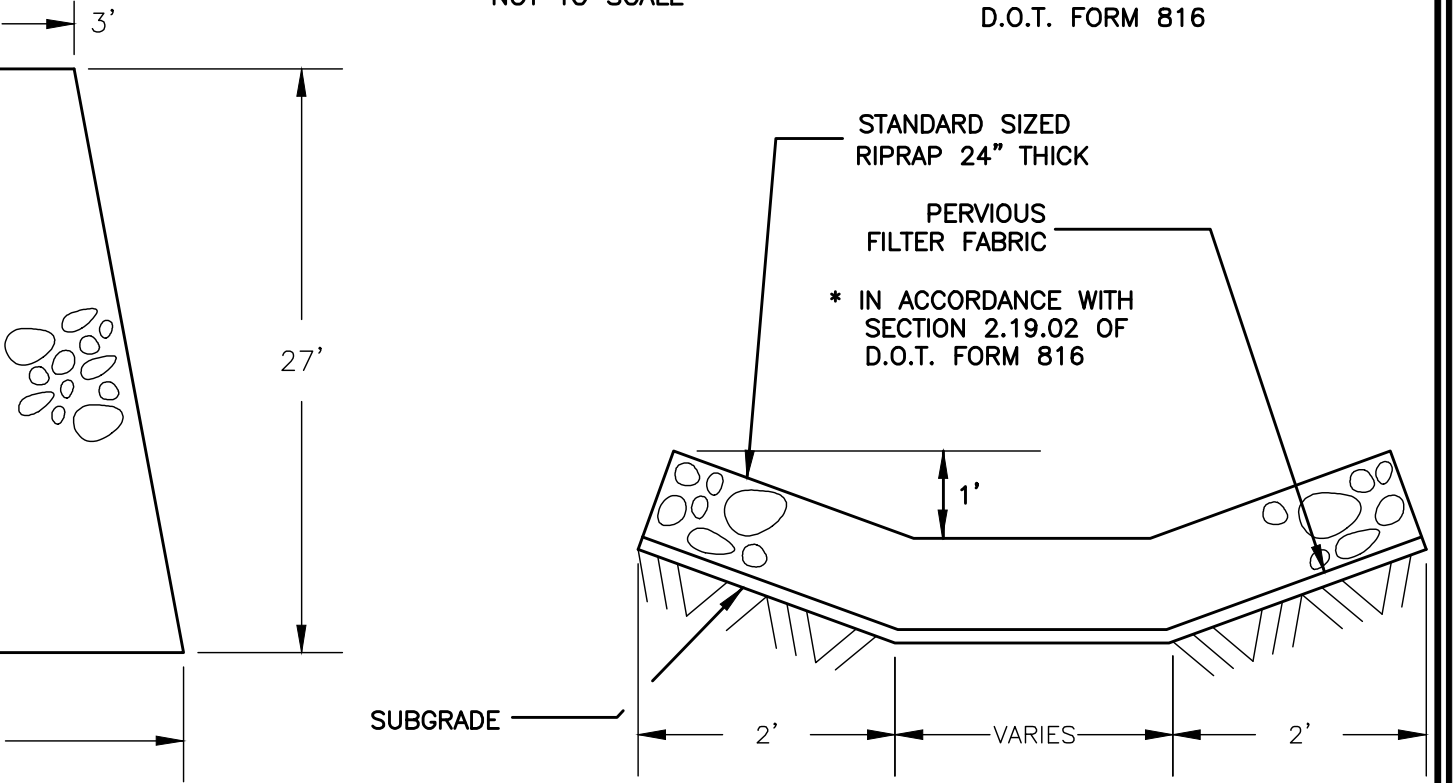
SECURE ALL SIGNS TO 1/2" DIA. GALVANIZED STEEL POST WITH (2) 1/4" DIA. GALVANIZED BOLTS (1 TOP, 1 BOTTOM) (TYP)

### EROSION CONTROL & SEDIMENTATION NARRATIVE

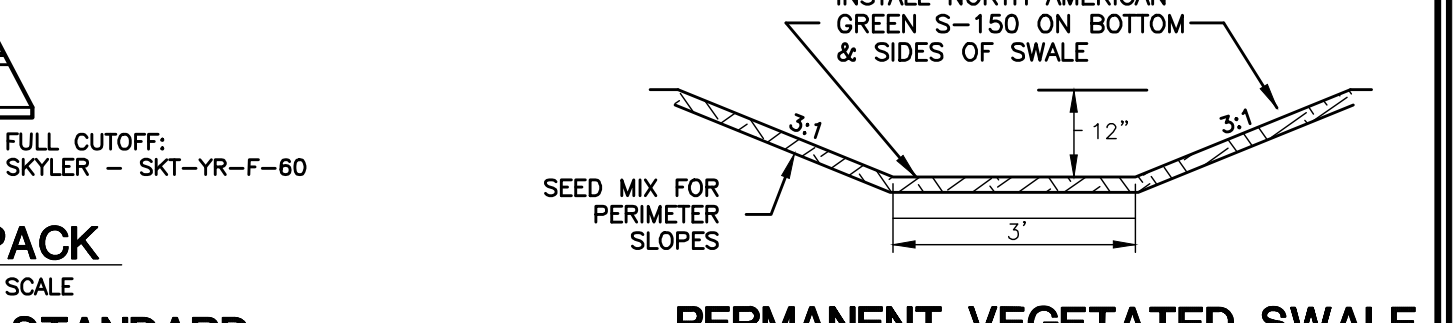
- PRIOR TO THE INSTALLATION OF ANY EROSION AND SEDIMENT CONTROL MEASURES, THE OWNER AND CONTRACTOR SHALL MEET WITH THE TOWN OF SALEM ZONING ENFORCEMENT OFFICER.
- STAKE LIMITS OF CLEARANCE
- THE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON SHEET 4 PRIOR TO SITE DISTURBANCE. ADDITIONAL EROSION & SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DETERMINED TO BE NECESSARY BY THE ZONING ENFORCEMENT OFFICER.
- INSTALL CONSTRUCTION ENTRANCE PER DETAIL.
- THE CONTRACTOR SHALL CONTACT THE ZONING ENFORCEMENT OFFICER FOR INSPECTION OF THE SEDIMENT AND EROSION CONTROL MEASURES, PRIOR TO SITE DISTURBANCE. CONSTRUCTION SHALL NOT BEGIN UNTIL SUCH TIME AS THE ZONING ENFORCEMENT OFFICER HAS REVIEWED AND APPROVED THE INSTALLATION OF THE SEDIMENTATION AND EROSION CONTROL MEASURES.
- CONTRACTOR TO INSPECT ALL EROSION AND SEDIMENT CONTROL MEASURES, SEDIMENTATION BASINS & SWALES AT LEAST WEEKLY AND AFTER EVERY STORM EVENT AND REPAIR AND MAINTAIN AS NECESSARY.
- CLEARING & GRUBBING OF THE AREA TO BE GRADED. TOPSOIL TO BE REMOVED & STOCKPILED IN AN AREA OF NEXT BUILDING & SURROUNDED WITH SILTFENCE.
- CONSTRUCT WATER QUALITY BASINS TO FUNCTION AS TEMPORARY SEDIMENT TRAPS PRIOR TO ROUGH GRADING OF THE SITE.
- ROUGH GRADE SITE, EXCAVATE FOR BUILDING FOOTINGS, INSTALL SEPTIC & UTILITIES.
- BUILDING CONSTRUCTION TO PROCEED.
- INSTALL DRAINAGE SYSTEM & FINISH GRADING. INSTALL INLET SEDIMENT CONTROL DEVICES IN CATCH BASINS.
- TOPSOIL SHALL BE RE-APPLIED TO PROVIDE A MINIMUM DEPTH OF FOUR INCHES.
- ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL VEGETATION IS RE-ESTABLISHED.
- THE BASIN MUST BE CLEANED OUT & VEGETATION HAS BEEN ESTABLISHED IN THE WATER QUALITY BASIN.
- INSTALLATION OF BIT. CONC. PAVEMENT
- SEEDING SHOULD TAKE PLACE BETWEEN APRIL 1 AND JUNE 1 OR AUGUST 15 AND OCTOBER 1.
- THE FOLLOWING SEEDING MIXTURES SHALL BE PROVIDED ON ALL DISTURBED AREAS.  
KENTUCKY BLUE GRASS 20 LB's/AC  
CREEPING RED FESCUE 20 LB's/AC  
PERENNIAL RYEGRASS 5 LB's/AC
- UNFORESEEN PROBLEMS WHICH ARE ENCOUNTERED IN THE FIELD SHALL BE SOLVED ACCORDING TO CONNECTICUT GUIDELINES FOR SOIL AND SEDIMENT CONTROL.
- A QUALIFIED E&S INSPECTOR SHALL BE HIRED TO INSPECT THE SITE WEEKLY & AFTER STORM EVENTS DURING CONSTRUCTION.



**LEVEL SPREADER**  
NOT TO SCALE



**RIP-RAP SPLASH PAD DETAIL**  
NOT TO SCALE



**PERMANENT VEGETATED SWALE**  
NOT TO SCALE

**CLA Engineers, Inc.**  
Civil - Structural - Surveying

317 Main Street Norwich, CT 06360  
(860) 886-1966 Fax (860) 886-9165

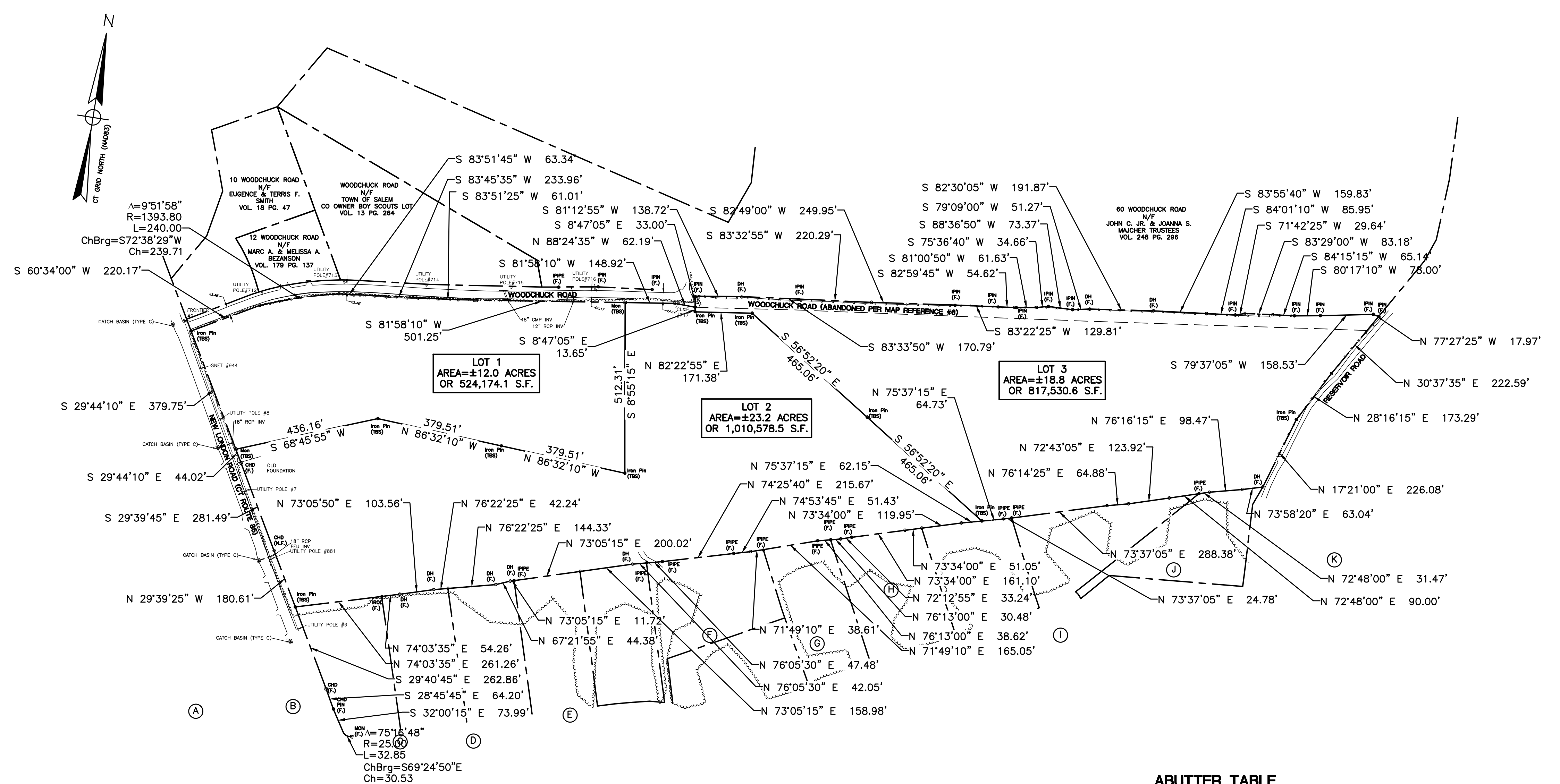
SALEM, CT 06420

**496 NEW LONDON ROAD**  
(CT Route 85)

**SITE DETAILS**

Project No. CLA-7048  
Proj. Engineer E.M.B.  
Date: 12/22/21  
Sheet No. 13



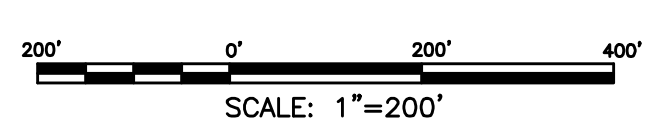


**LEGEND:**

- PROPERTY LINE
- - - CHAIN-LINK FENCE
- ~ ~ ~ RETAINING WALL
- WETLANDS EDGE
- ○ ○ ○ ○ STONE WALL
- BOUNDARY POINT
- IRON PIN, IRON PIPE
- CHD, MON ■ MONUMENT
- ⊗ GAS GATE, WATER GATE
- TRAFFIC SIGN
- ⊙ SEWER MANHOLE
- UTILITY POLE
- N/F NOW OR FORMERLY
- U.G. UNDER GROUND
- DECIDUOUS TREE
- OH OVERHEAD ELECTRIC LINE
- WATER SHUTOFF
- BOLLARD
- SHRUB
- WETLANDS VEGETATION, FLAG

**ABUTTER TABLE**

LETTER DESIGNATION	ADDRESS	OWNER	VOL. / PG.
(A)	4 VALLEY DRIVE	DAVID & JACQUELINE RITCHIE	236 / 55
(B)	10 VALLEY DRIVE	CHRISTINA LYNN	231 / 284
(C)	18 VALLEY DRIVE	ROBERT J. & ATHENA SARTORI	126 / 610
(D)	26 VALLEY DRIVE	ROBERT & KAREN CULLINEN	125 / 06
(E)	34 VALLEY DRIVE	ROBERT E. JR. & MARTHA L. GIEGEL	183 / 252
(F)	40 VALLEY DRIVE	TIMOTHY W. & KAREN FRICK	82 / 531
(G)	62 VALLEY DRIVE	KEVIN A. CAREY	182 / 604
(H)	70 VALLEY DRIVE	MARK R. NELSON	233 / 30
(I)	82 VALLEY DRIVE	JAMES R. III & KRISTI L. MORRISON	249 / 166
(J)	90 VALLEY DRIVE	JASON S. MACKLIN & KIM M. HARGRAVE	247 / 655
(K)	92 VALLEY DRIVE	DEBORAH A. & DANIEL E. SHEEHAN	252 / 478



<b>CLA Engineers, Inc.</b> CIVIL • STRUCTURAL • SURVEYING		317 Main Street Norwich, CT 06360 (860) 886-1966 Fax (860) 886-9165	
1	3/08/23	P&Z REVIEW COMMENTS	
No.	DATE	REVISION	
<b>SUMMARY MAP</b>			Project No. CLA-7048
<b>496 NEW LONDON ROAD</b>			Proj. Surveyor R.J.C.
<b>TOWN OF SALEM, CONNECTICUT</b>			Date: 07/13/22
			Sheet No. <b>14</b>