

September 23, 2025

*Town of Monroe
Office of Inland Wetlands
Planning and Zoning
7 Fan Hill Road
Monroe, CT 06468*

Re: Response to meeting September 18, 2025:

This letter is in response to comments during meeting on September 18, 2025:

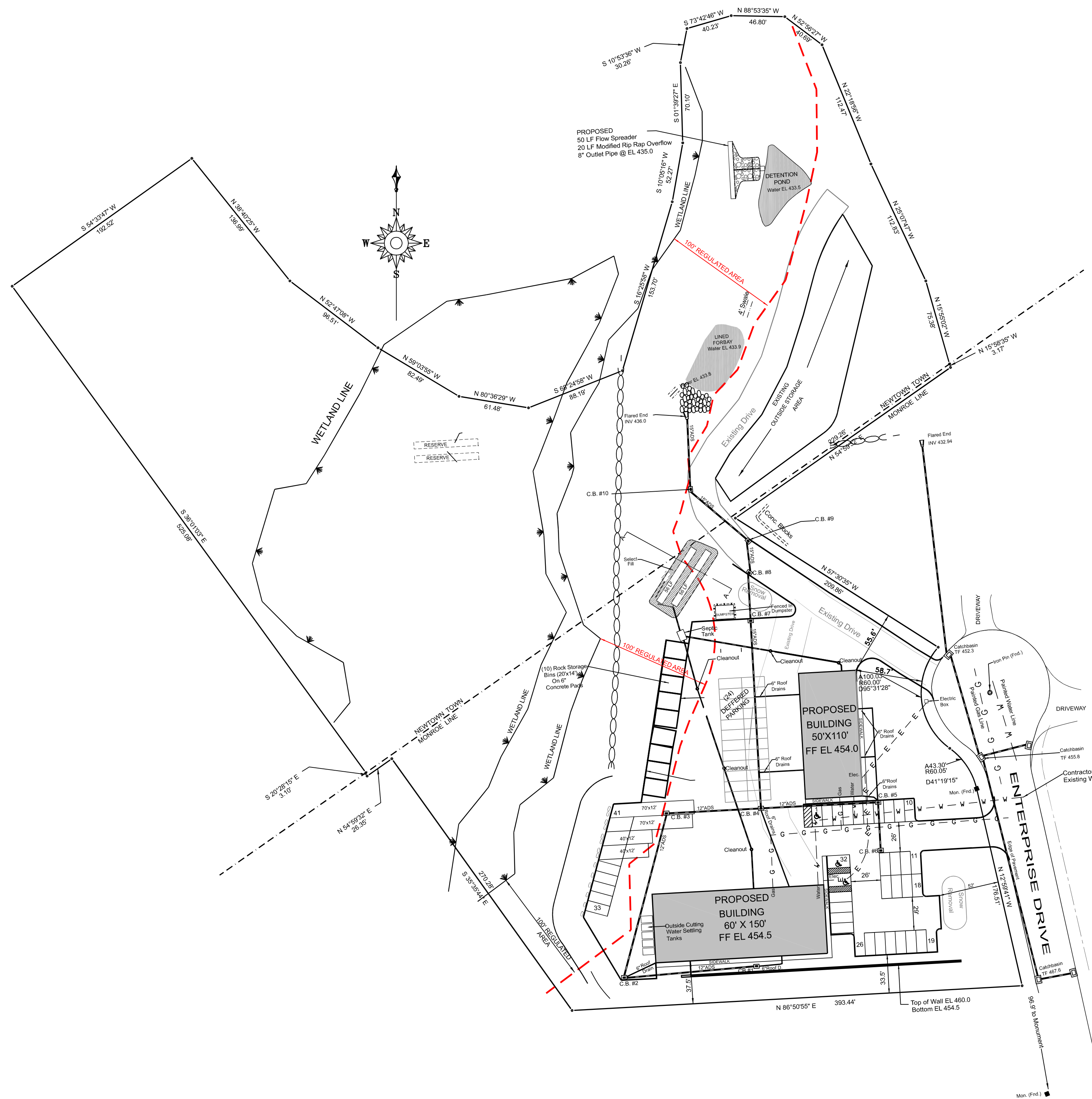
- 1. We have provided parking calculations for our proposed use and a possible alternative use. We exceed the parking requirements for both uses.*
- 2. We have depicted traffic barrier rocks for the parking area near the bank of the wetlands to prevent cars from driving too far and rolling down the embankment to the wetland area.*
- 3. We have removed the bold line depicted on the south side of the parking lot.*
- 4. We have added the shaded area “outside storage” to the calculations and changed the requirement to 40% of lot area as noted in the Monroe Zoning Regulations Article 4, Section E, item #3. We are well within the requirements. (See Sheet 4)*
- 5. We have added the note regarding the EV chargers stating that the infrastructure is only to be installed not the actual unit. (See Sheet 4).*
- 6. The possible Blasting Area is now depicted on the plans.*
- 7. The Light posts are now depicted on the plans.*

Alan Shepard, P.E.

**R. STONE COMPANY, LLC
169 ENTERPRISE DRIVE
MONROE/NEWTOWN, CONNECTICUT**

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4. GRADING AND UTILITY PLAN
5. SEPTIC PLAN
6. LIGHTING PLAN
7. MITIGATION LANDSCAPE PLAN
8. SOIL TEST RESULTS AND DETAIL SHEET



APPLICANT:
RUDY MOBILIO
R. STONE COMPANY, LLC
P.O. BOX 110386
TRUMBULL, CT 06611
203-400-1160

PREPARED BY:
NOWAKOWSKI, O'BYMACHOW, KANE & ASSOCIATES
415 HOWE AVENUE, 4TH FLOOR
SHELTON, CONNECTICUT
203-924-7745
CONTACT PERSON: ALAN SHEPARD, P.E.

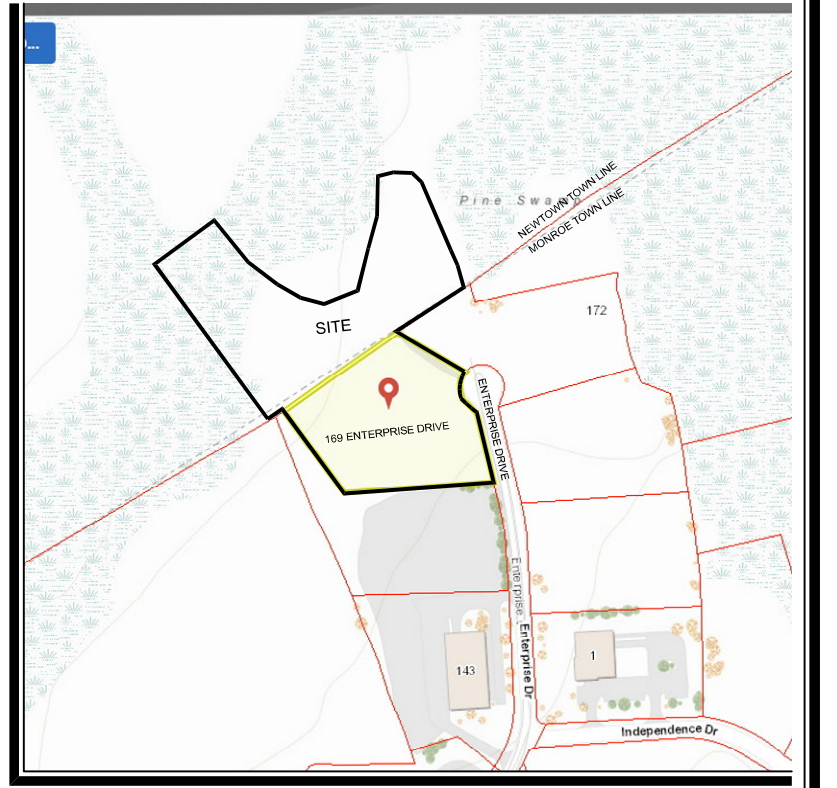
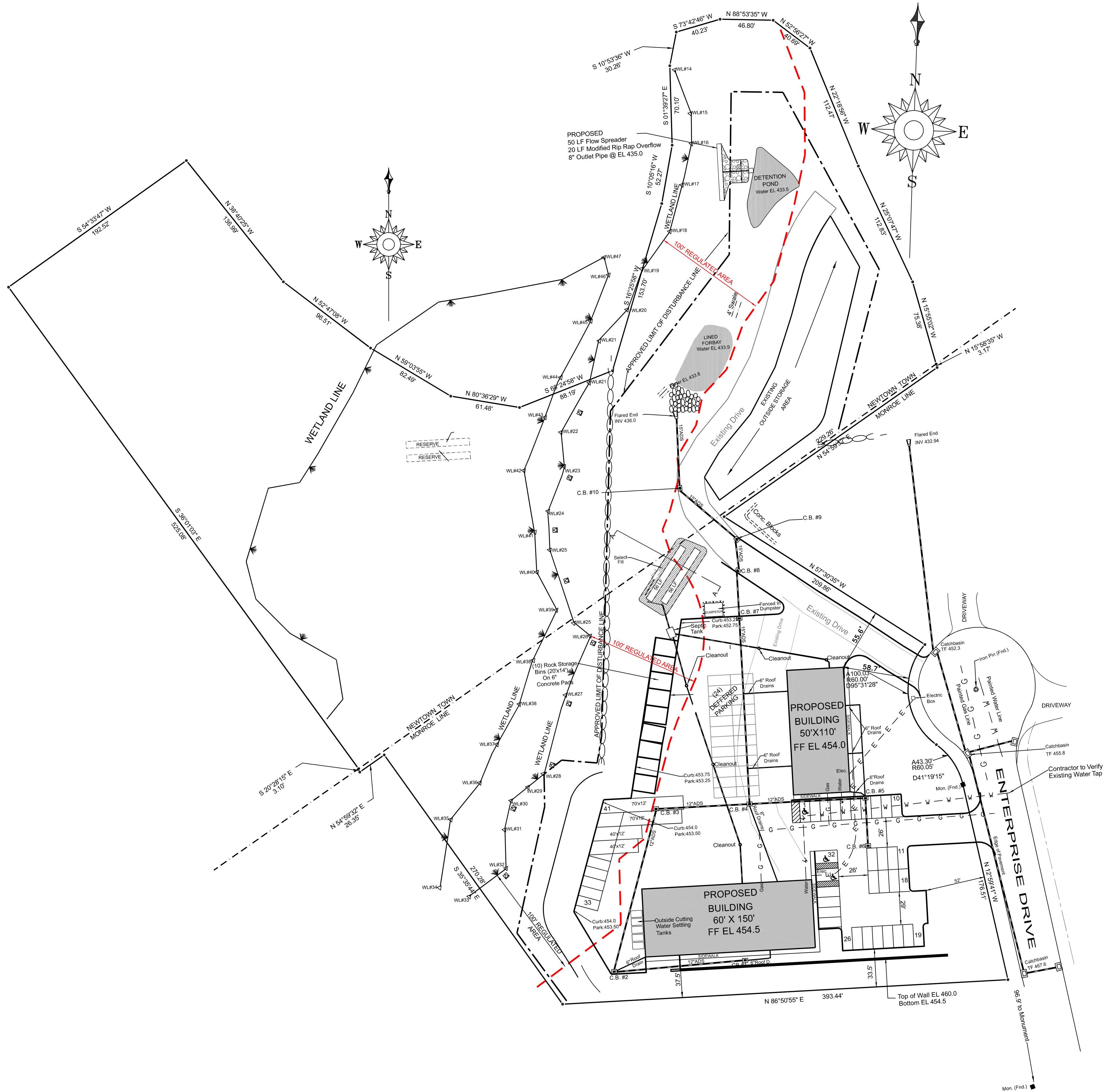
DATED: May 12, 2021, REVISED FEBRUARY 20, 2025
September 3, 2025, September 22, 2025

MAP REFERENCES

1. Map entitled "Resubdivision Map, Section 3" Prepared for Monroe Land Holdings, LLC, Enterprise Drive/Cambridge Drive, Monroe, Connecticut, Scale 1"=100', Dated October 14, 2005, Prepared by Spath-Bjorklund Associates, Inc. (On File in the Monroe Town Hall File #2911A)
2. Map entitled, "Improvement Location Survey" Lot 24 Prepared for Claris Construction, 169 Enterprise Drive, Monroe/Newtown, Connecticut, Scale 1"=50', Dated July 18, 2007, Prepared by Spath-Bjorklund Associates, Inc.

GENERAL SURVEY NOTES

1. This Map Has Been Prepared Pursuant To The Regulation Of Connecticut State Agencies Section 20-300b-1 Through 20-300b-20 And The "Standards For Surveys And Maps In The State Of Connecticut As Adopted By The Connecticut Association Of Land Surveyors, Inc. On Sept. 26, 1996.
2. This Survey Conforms to Horizontal Accuracy Class A-2.
3. The Type Of Survey Performed Is A Limited Property / Boundary Survey, And Is Intended To Be An Improvement Location Survey.
4. Boundary Determination Is Based Upon A Dependent Resurvey. (See Map References And Record Deeds.)
5. North Arrow Is Based On Map Reference # 1.
6. No attempt has been made as part of this survey to obtain or depict data concerning the existence (other than what is depicted hereon), size, depth, condition, capacity, or location of any utility or municipal/public service facility. For information regarding these utilities or facilities, please contact the appropriate agencies prior to any construction. CALL BEFORE YOU DIG 1-800-922-4455
7. Parcel located in a 1-2 Zone. See Zoning Regulations for Specific Setbacks and Requirements - Zone, Setbacks and Requirements are subject to the Determination of the Zoning Enforcement Officer.
8. This survey was prepared for a specific purpose, any use other than that which was originally intended is a misuse of this information and renders the preparer's declaration null and void. Unauthorized alterations or additions to this survey, which bears the licensed surveyors signature and embossed seal, renders any declaration noted hereon null and void.
9. Lot Area in Monroe: 3.5 Acres
Lot Area in Newtown: 5.1 Acres
TOTAL PARCEL AREA 8.6 Acres



LOCATION MAP
(Approx. Scale: 1"=500')

To the best of my knowledge and belief this map is substantially correct as noted hereon

BRIAN D. SHEPARD L.S. #70544

This Map is NOT VALID without a LIVE SIGNATURE and EMBOSSED SEAL.

PROPOSAL:
The proposal calls for the construction of a commercial stone processing company on 8.5+/- Acres. The majority of the construction will be outside of the regulated area. The amount of disturbance in the regulated area is 25,462 Sq. Ft. or 0.58 Acres. It should be noted, however that all construction activity will be within the previously approved limit of disturbance area per maps approved by The Town of Monroe November 21, 2008.

REFERENCE APPROVAL MAPS November 21, 2008:
Maps entitled, "Pepper Street Business Park", Lot 24 Monroe and Newtown Connecticut, Prepared for Claris Construction, Inc. dated July 19, 2007, last revised May 1, 2008, prepared by Spath-Bjorklund Associates, Inc.

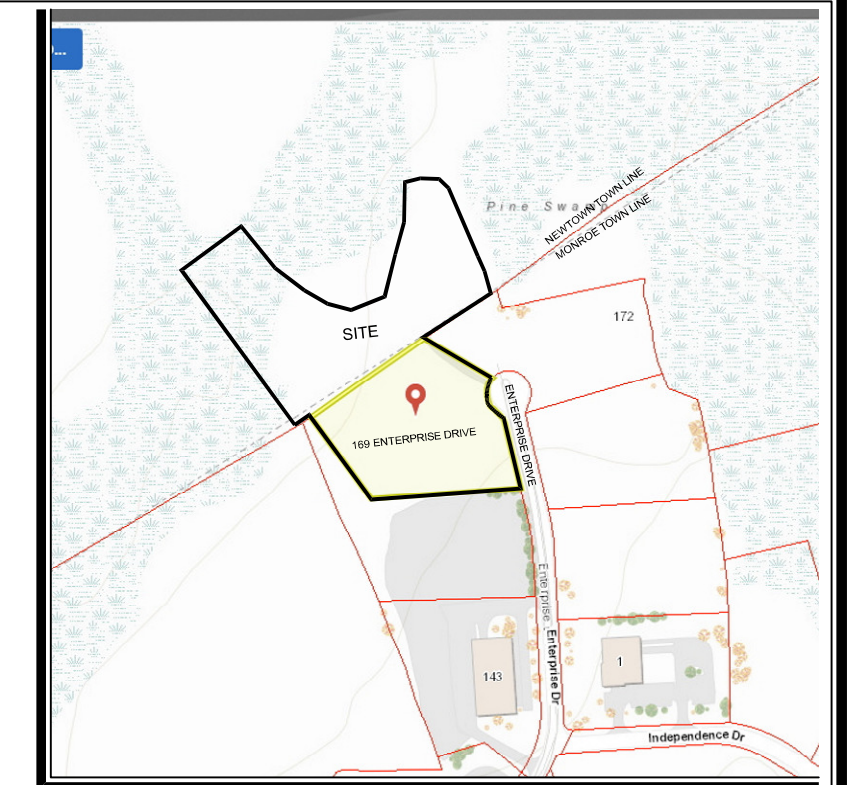
MAP OF PROPERTY - PLOT PLAN
PREPARED FOR
R. STONE CO. LLC
169 ENTERPRISE DRIVE
MONROE/NEWTOWN, CONNECTICUT
SCALE: 1" = 50' DATE: MAY 12, 2021
0 50 100 REVISION 2/20/25, 9/3/25

MAP#	A4356	SEARCH	5243	FB/PG	569/25	DRAWING	202804
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CIVIL ENGINEERING
NOK LAND SURVEYING
NOWAKOWSKI - O'BYMACHOW - KANE, ASSOCIATES
CIVIL ENGINEERING & LAND SURVEYING
415 HOWE AVENUE
SHELTON, CONNECTICUT 06484
PHONE: (203) 924-7745 FAX: (203) 924-7526
Records since 1950

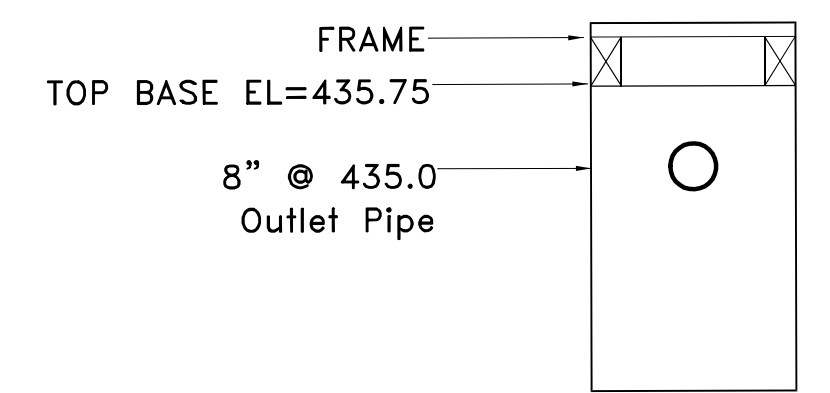
LEGEND

SYMBOL	DESCRIPTION
	Existing Catch Basin
	Proposed Catch Basin
	Test Hole
	Perc. Hole
	Existing 2' Contour
	Existing 10' Contour
	Existing Spot Elev.
	Proposed Contour
	Proposed Spot Elev.
	Stone Wall
	Wetland Boundary
	Silt Fence or Staked Hay Bales
	Anti-Tracking Apron
	Rip Rap
	Water Line
	Gas Line
	100' UPLAND REVIEW AREA LINE
	APPROVED LIMIT OF DISTURBANCE LINE



LOCATION MAP
(Approx. Scale: 1"=500')

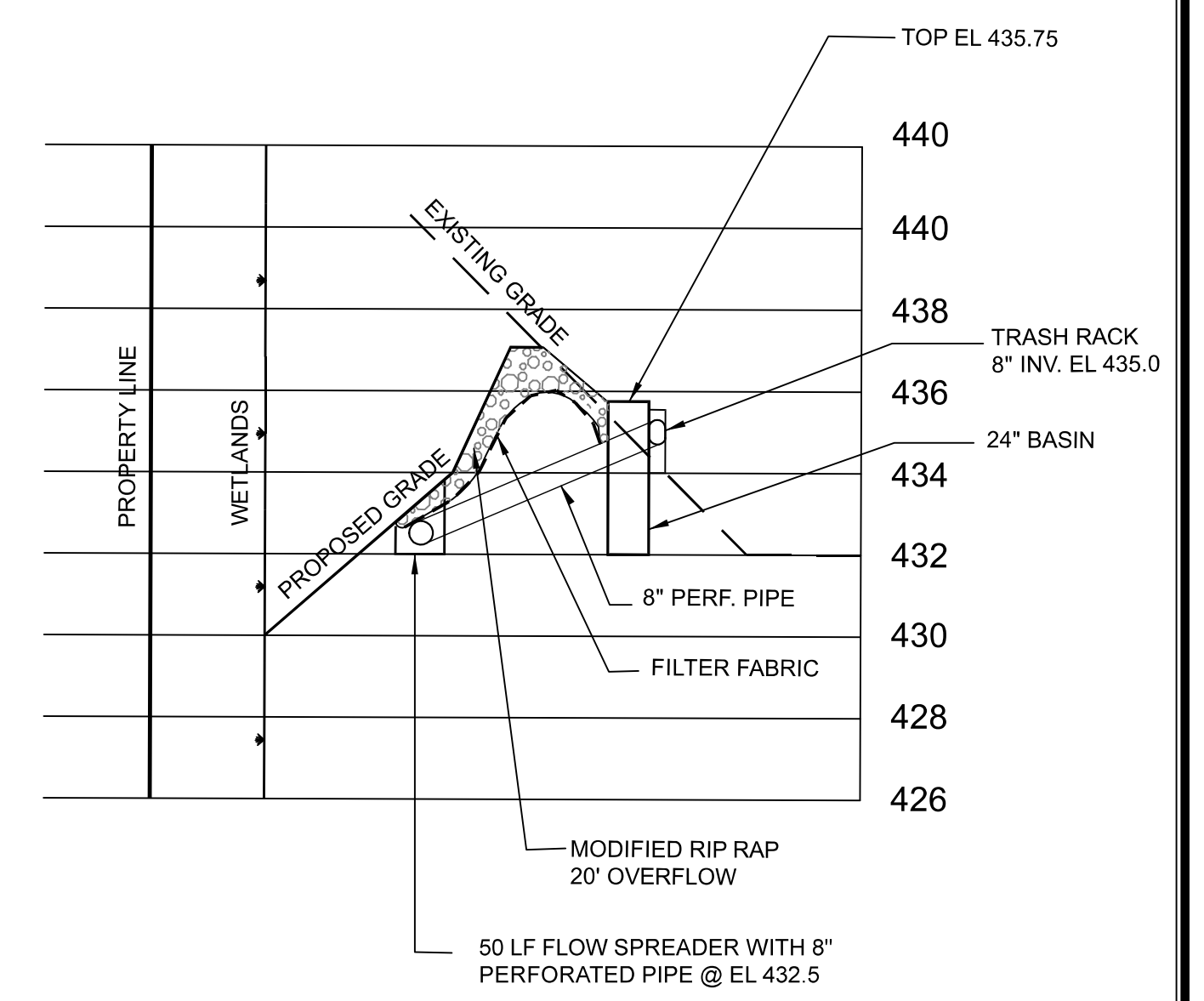
OUTLET STRUCTURE
TOP OF BERM EL= 437.0
EMERGENCY OVERFLOW EL=436.0



POND VOLUME:

ELEVATION	AREA	VOLUME	TOTAL VOLUME
433	1,500	0	0
434	5,000	3,250	3,250
435	6,750	5,875	9,125
436	8,500	7,625	16,750
437	11,500	10,000	26,750

IMPERVIOUS COVERAGE CALCULATIONS:
1" VOLUME = 100,000 X 1.3" X 1 FT/12 inches = 10,833 CU. FT.



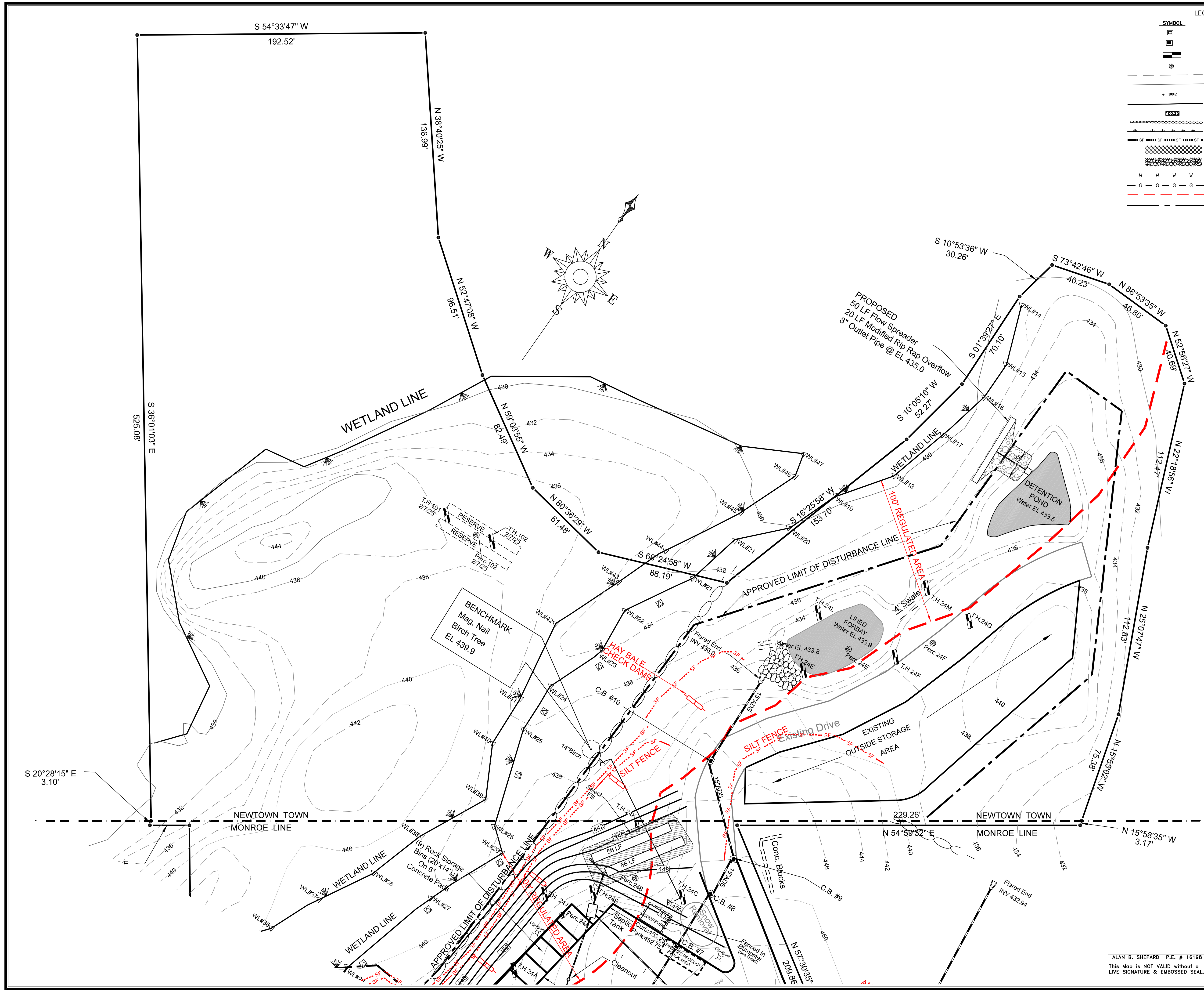
PROPOSED DETENTION POND OUTLET DETAIL
(SCALE 1"=20' HORIZ. 1"=4' VERT.)

OVERALL SITE PLAN AND SOIL AND EROSION CONTROL PLAN (SHEET 2 OF 2)
PREPARED FOR
R. STONE CO. LLC
169 ENTERPRISE DRIVE
MONROE/NEWTOWN, CONNECTICUT
SCALE: 1"= 30'
DATE: OCTOBER 8, 2020
REVISED: 11/5/20, 1/5/21, 2/11/21, 2/20/25, 9/3/25, 9/22/25

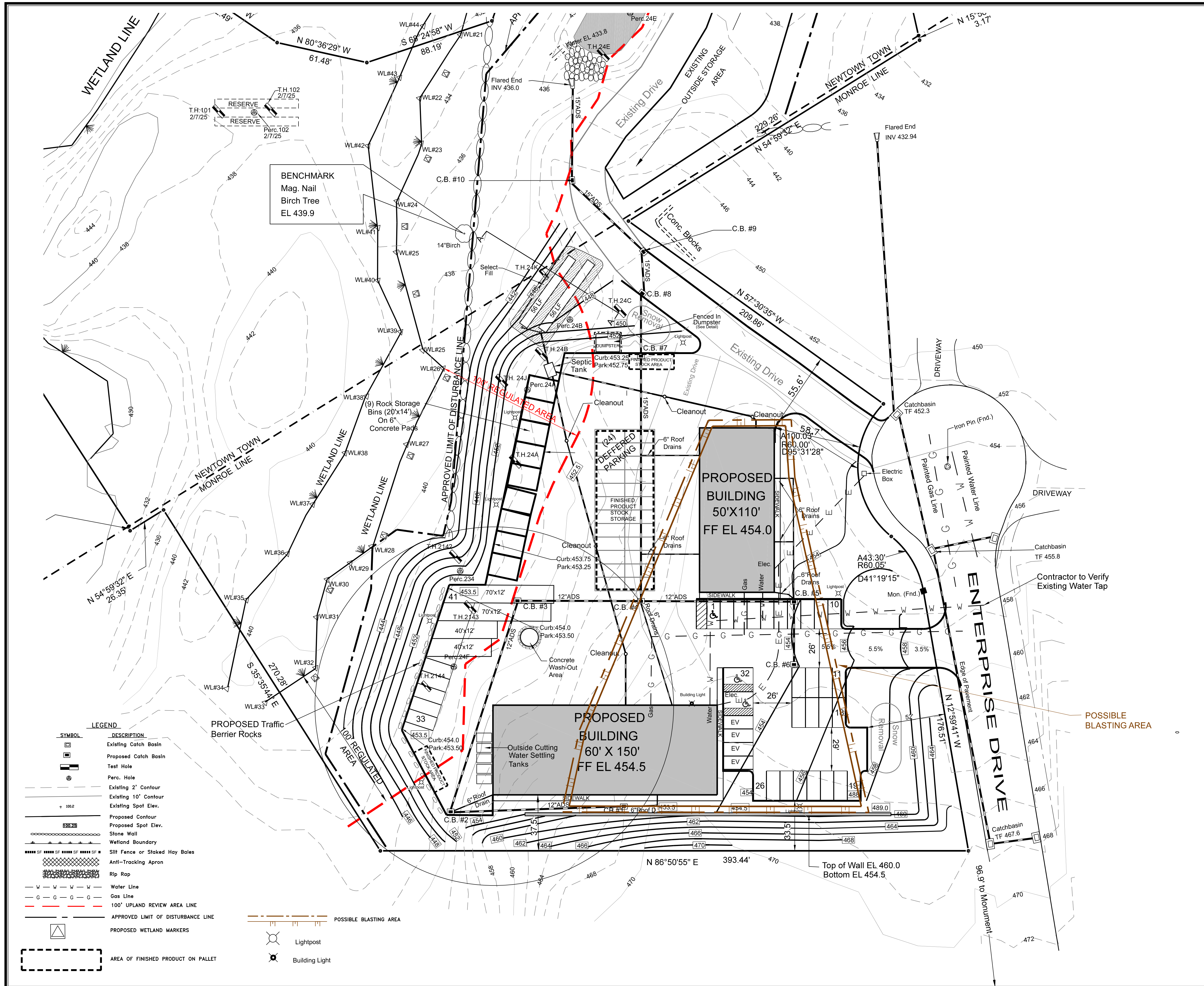
MAP#	A4356	SEARCH	5243	FB/PG	569/25	DRAWING	202804
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CIVIL ENGINEERING
NOK
LAND SURVEYING

NOWAKOWSKI - O'BYMACHOW - KANE, ASSOCIATES
CIVIL ENGINEERING & LAND SURVEYING
415 HOWE AVENUE
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PHONE: (203) 924-7745 FAX: (203) 924-7526
Records Since 1950



ALAN B. SHEPARD P.E. # 16198
This Map is NOT VALID without a LIVE SIGNATURE & EMBOSSED SEAL.



PROPOSED CATCHBASIN ELEVATIONS:

C. B. #1	TF 453.5	INV. 12" ADS 452.0
C.B. #2	TF 453.5	INV. 12" ADS 450.75
C.B. #3	TF 453.0	INV. 12" ADS 449.25
C.B. #4	TF 453.5	INV. 12" ADS 448.25
C.B. #5	TF 454.0	INV. 12" ADS 450.5
C.B. #6	TF 454.0	INV. 12" ADS 451.0
C.B. #7	TF 452.0	INV. 15" ADS 446.5
C.B. #8	TF 449.50	INV. 15" ADS 446.0
C.B. #9	TF 448.0	INV. 15" ADS 444.0
C.B. #10	TF 444.5	INV. 15" ADS 440.0

PROPOSED USE:

MANUFACTURING AND OFFICE:
Total Area = 14,500 Sq. Ft.
2,000 Sq. Ft. for Office @ 4 spaces per 1,000 Sq. Ft. = 8 Spaces
12,500 Sq. Ft. for Manufacturing @ 1 space per 600 Sq. Ft. (GFA) = 20.9 Spaces
TOTAL REQUIRED: 29 SPACES
TOTAL PROVIDED: 37 SPACES

PARKING CALCULATIONS FOR POSSIBLE ALTERNATIVE USAGE:

(2) BUILDINGS PROPOSED (1) 50'X110' = 5,500 Sq. Ft. (2) 60'X150' = 9,000 Sq. Ft.
TOTAL SQUARE FOOTAGE OF BUILDINGS = 14,500 Sq. Ft.
FOR TRADE CONTRACTOR BUILDINGS:
14,500 Sq. Ft. @ 4 Spaces Per 1,000 (GFA) plus 1 Space Per Facility Vehicle = 58 Spaces
TOTAL PROVIDED: 37 SPACES
DEFERRED: 24 SPACES
61 POSSIBLE PARKING SPACES

OUTDOOR STORAGE ALLOWED:
I-2 District: Up to 40 percent of lot area = Area in Monroe 154,739.9 x .40 = 61,895.9 Sq. Ft.
PROPOSED OUTSIDE STORAGE:
(9) Rock Storage Bins (20'x14' each) = 2,520 Sq. Ft.
(5) Cutting Water Settling Tanks (10'x5') = 250 Sq. Ft.
(4) Truck Parking (2) 70'x12'(2) 40'x12' = 2,640 Sq. Ft.
Finished Stock on Pallet Storage = 4,640 SQ. Ft.
TOTAL OUTSIDE STORAGE AREA = 10,050 Sq. Ft.

EV CHARGING SPACES (PROVIDED 4, MARKED "EV")
NOTE: THE EV CHARGING INFRASTRUCTURE IS ONLY TO BE INSTALLED, NOT THE ACTUAL UNIT.

ALAN B. SHEPARD P.E. # 16198
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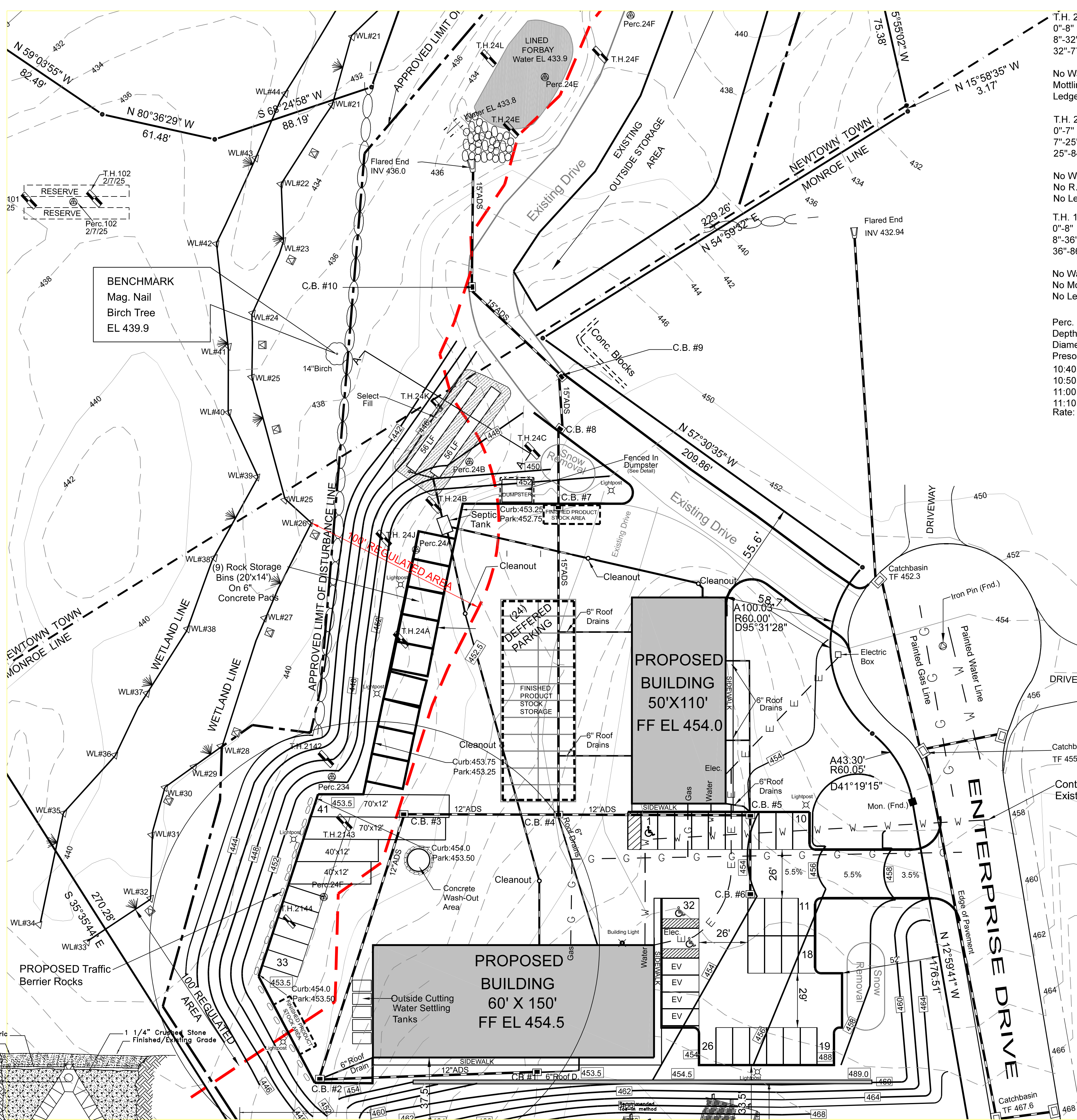
GRADING AND UTILITY PLAN
PREPARED FOR
R. STONE CO. LLC
169 ENTERPRISE DRIVE
MONROE/NEWTOWN, CONNECTICUT
SCALE: 1" = 30'
DATE: OCTOBER 8, 2020
REVISED: 11/5/20, 1/5/21, 2/11/21
2/20/25, 9/3/25, 9/22/25

MAP #	A4356	SEARCH	5243	FB/PG	569/25	DRAWING	202804
CIVIL ENGINEERING		NOWAKOWSKI - O'BYMACHOW - KANE, ASSOCIATES		CIVIL ENGINEERING & LAND SURVEYING		415 HOWE AVENUE SHELTON, CONNECTICUT 06484 PHONE: (203) 924-7745 FAX: (203) 924-7526 Records Since 1950	

4

GENERAL SYSTEM NOTES

- The soil line from the structure shall be a 4" PVC pipe (ASTM D1785 or D2665) with rubber gasket joints, or an approved equal. Soil line shall be set at a minimum slope of 0.25 inch/ft.
- The septic tank shall be a two compartment tank, shall be watertight and all baffled inspection manholes shall be located at a depth not greater than 12" below finished (landscaped) grade. The tank shall conform to Connecticut Public Health Codes.
- Solid distribution pipe and tight joint drainage pipe to be ASTM 3033-34, SDR 35 or equal.
- All distribution boxes shall be as manufactured by Rotondo and Sons, Inc., catalog number DB-3, as shown on the plan, or equivalent as approved by the Engineer.
- Parcel and adjoining parcels are services by Public Water.
- All survey information was taken from maps prepared by others and field location Nowakowski, O'Bymachow, Kane, & Associates.
- This design conforms to applicable codes and accepted practice. No other warranty is expressed or implied.
- Nowakowski, O'Bymachow, Kane & Associates assumes no responsibility for septic system site preparation, location, or invert elevations in compliance with the approved plan, unless it supervises each phase of system installation.
- All vehicle traffic should be PROHIBITED over the septic area. Any land disturbance down gradient of the septic area should be kept to a minimum.
- Immediately following construction, the leachfield areas topsoil is to be added, graded, seeded, fertilized, and mulched to establish a vegetation cover during the growing season. Any large stones and construction debris is to be removed from the area with final conditions left in a neat and workman-like manner.
- Leachfield areas shall be protected at all times from surface-water runoff by the construction of berms and/or swales. At no time shall surface-water runoff be permitted to enter any leaching system components.
- The septic system shall be staked out by a surveyor licensed by the State of Connecticut.
- It is the responsibility of the installer to have a preconstruction meeting with the design engineer such that proper construction procedures will be used for the leaching system.
- All improvements shall conform to Town and State regulations.
- "Select Fill Material" shall conform to Connecticut Public Health Code Regulations & Technical Standards. Any unacceptable in-place fill shall be removed at the expense of the Licensed Septic Installer. "Select Fill Material" or "Select Backfill Material" shall be comprised of clean sand & gravel, free of organic material and foreign substances. The fill shall not contain any material larger than three (3) inches. Up to 45% of the dry weight of the representative sample may be retained on the #4 sieve (This is the gravel portion of the sample). The material that passes the #4 sieve is then reweighed and the sieve analysis started. The remaining sample shall meet the following gradation criteria: 100% passing the #4 sieve; 70-100% passing the #10 sieve; 10-50% passing the #40 sieve; 0-20% passing the #100 sieve; 0-5% passing the #200 sieve.
- *NOTE: The percent passing the #40 sieve can be increased to no greater than 75% if the percent passing the #100 sieve does not exceed 10% and the #200 sieve does not exceed 5%.
- The "Select Fill Material" shall be in place and percolation tested prior to septic system installation. The select fill percolation rate should be 1" in 10 minutes or better.
- All fill material will be placed in accordance with the fill material, placement and inspection as specified by the Design Manual & Design Engineer. Usually placed on the perimeter of the leaching area then spread with a small crawler or tractor. Permits (such as a grading permit) may be needed.
- The responsibility for the preparation of a leaching area utilizing "select material" is that of the licensed installer. The installer shall take the necessary steps to protect the underlying naturally occurring soils from overcompaction and siltation once exposed.
- Topsoil under septic area to be removed and soil to be scarified. A scarification inspection by the Health Department Sanitarian, design engineer and the licensed installer of record shall be conducted prior to the placement of any "select material" or fill in the Primary Leaching Area. If there are any problems noted during inspection (by the Sanitarian, Engineer or Installer) further testing and/or permit revocation may take place in order to confirm conformance with the proposed design criteria and protection of the SSS.
- The contractor shall contact the Engineer & Department of Health at least 24 hours prior to the start of the scarification process for the leaching area or the installation will not be approved.
- An "As-Built" plan, certified by a professional engineer shall be submitted for review and approval by the Health Department before a "Permit to Discharge" is issued.
- Soil test are only indicators of actual soil conditions, that may vary throughout the septic area. No Warranty is expressed or implied on uniform soil conditions.
- Call before you dig 1-800-922-4455.
- Any tight-joint tank must meet the ASTM C-1227 standards and the septic installer is responsible to provide documentation of such.



PERCOLATION-SOIL TEST RESULTS IN SEPTIC AREA:

Test Location	Soil Profile	Percolation Rate
T.H. 24B (5/17/07)	0"-8" Topsoil 8"-32" Orange Tan Fi. Sa. Loam 32"-77" Olive Tan Med. Sa. with Gravel and Few Stones	T.H. 24 0"-13" Topsoil 13"-26" Orange Brwn. Fi. Silty Sa. 26"-100" Tan Fi. Sa. with Few 3-10" Rocks
T.H. 24K (10/25/07)	0"-7" Topsoil 7"-25" Orange Tan Fi. Silty Sa. with Many Rocks 25"-84" Tan Fi. Sa. with Many Rocks 3"-18"	T.H. 24C (5/17/07) 0"-9" Topsoil 9"-33" Orange Brwn. Fi. Silty Sa. 33"-95" Tan Med. Sa. with Gravel and Broken Rock
T.H. 101 (2/7/25)	0"-8" Topsoil 8"-36" Or. Brwn. S. L. 36"-86" Tan Sa. Till	T.H. #102 (2/7/25) 0"-8" Topsoil 8"-30" Or. Brwn. S. L. 30"-64" Tan Silty Till
Perc. 102 (2/7/25)	Depth 24" Diameter 8" Presoak 9:30 10:40 12" 10:50 18" (Drop 6") 11:00 22" (Drop 4") 11:10 DRY Rate: 1" in 2.5 Minutes	No Water No Mottling Refusal Ledge @ 64"

MLSS (Minimum Leaching System Spread)

Restrictive Layer Slope	=	T.P. #24 B @ 54" T.P. #24J @ 44"
H. F.	=	8.1 TO 10%
Flow Factor	=	16
Percolation Factor	=	3.2
MLSS	=	1.0
	=	51.2 LF

DESIGN FLOW:

30 Employees @ 25 GPD/Employee	=	750 GPD
10 Employees @ 20 GPD/Employee	=	200 GPD
TOTAL:		950 GPD

FROM TABLE 8 APPLICATION RATE:

ELA = 950 GPD/1.2 = 791.66, Say 792 ELA

PROPOSE: 112 LF OF 30" Tee Pee Galleries (ELA = 7.4 LF) 112 x 7.4 = 828.8 ELA
AND 1,500 Gallon H-20 Loaded Septic Tank

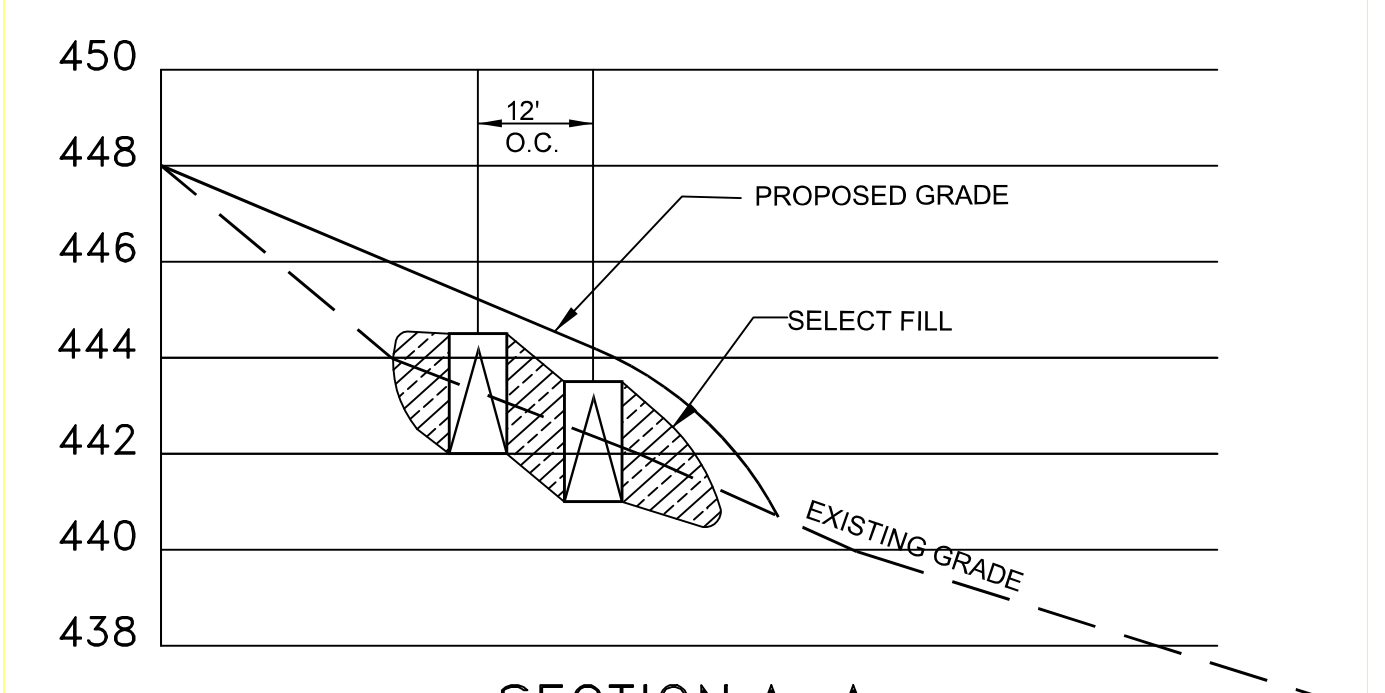
NOTE: RESERVE AREA IN NEWTOWN

ELEVATIONS

Building Sewer Inv. =	451.5
Septic Tank Inv. In =	447.0
Inv. Out =	446.75

LEACHING FIELD

NO.	TOP	INV. OUT	INV. (to trench)	BOTTOM	WATER (mottling)	LEDGE
1	444.5	444.25	444.0	442.0	439.5	N/A
2	443.5		443.0	441.0	439/5	

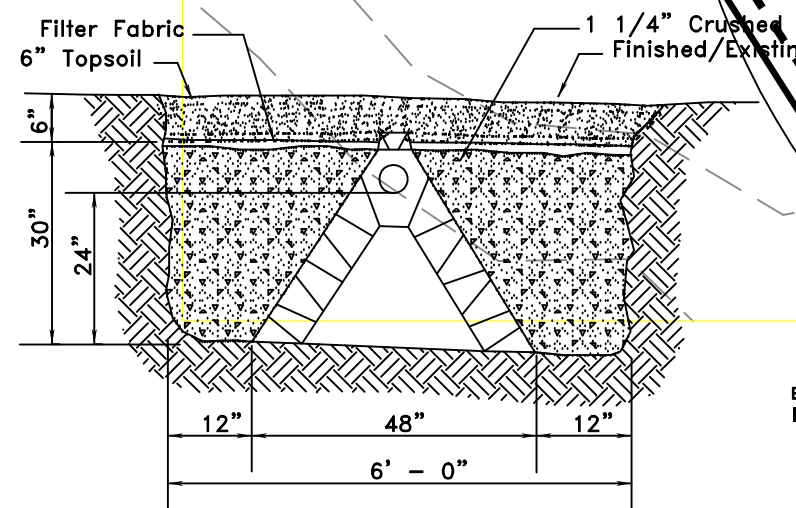


SECTION A-A

SCALE: 1" = 20' Horiz., 1" = 4' Vert.

LEGEND

SYMBOL	DESCRIPTION
(Circle with cross)	Test Hole
(Circle with dot)	Perc. Hole
(Dashed line)	Existing Contour
(Solid line)	Existing Contour
(Line with dots)	Existing Spot Elev.
(Line with triangles)	Proposed Contour
(Line with squares)	Proposed Spot Elev.
(Line with diamonds)	Stone Wall
(Line with circles)	Wetland Boundary
(Line with crosses)	Exist. Edge of Pavement
(Line with dashes)	Silt Fence or Staked Hay Bales



TYPICAL SECTION OF 30" TEEPEE GALLERY
Not To Scale

ANTI-TRACKING APRON
(At Driveway Entrance)

STAKED HAY BALES
N.T.S.

SILT FENCE DETAIL
N.T.S.

NOTES:

- Septic cleanout to have metal covers or manhole covers for protection of heavy equipment.
- Septic tank to have manholes to grade.

ALAN B. SHEPARD P.E. #18198
This Map is NOT VALID without a LIVE SIGNATURE & EMBOSSED SEAL.

SEPTIC PLAN
PREPARED FOR
R. STONE CO, LLC
169 ENTERPRISE DRIVE
MONROE/NEWTOWN, CONNECTICUT
SCALE: 1" = 30'
DATE: OCTOBER 8, 2020
REVISED: 11/5/20, 1/5/21, 2/11/21
2-20-25, 9/3/25, 9/22/25

CIVIL ENGINEERING
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NOWAKOWSKI - O'BYMACHOW - KANE, ASSOCIATES
CIVIL ENGINEERING & LAND SURVEYING
415 HOWE AVE., SHELTON, CT 06484
PHONE: (203) 924-7745, FAX: (203) 924-7526
Records Since 1992

SOIL TEST RESULTS:

Testing Performed: 10/5/05

T.H. 2142
0"-10" Topsoil
10"-26" Yell. Brwn. FSL
26"-96" Yell. Tan Sa. with Silt

No Water
Mottling @ 33"
No Ledge

T.H. 2143
0"-10" Topsoil
10"-33" Yell. Brwn. Fi. Silt and Sa.
33"-90" Yell. Tan Fi. Sa. Silt

No Water
Mottling @ 33"
No Ledge

T.H. 2144
0"-12" Topsoil
12"-40" Orange Brwn. Fi. Si. Sa.
40"-84" Yell. Tan Fi. Sa. Silt

No Water
Mottling @ 40"
Ledge @ 84"

Testing Performed 5/17/07

T.H. 24A
0"-13" Topsoil
13"-47" Orange Tan Fi. Si. Sa.
47"-80" Tan Med. Sa. w. Few Stones

No Water
Mottling @ 47"
Ledge @ 80"

T.H. 24B
0"-8" Topsoil
8"-32" Orange Tan Fi. Sa. Loam
32"-77" Olive Tan Med. Sa. with Gravel and Few Stones

No Water
Mottling @ 54"
Ledge @ 77"

T.H. 24C

0"-9" Topsoil
9"-33" Orange Brwn. Fi. Silty Sa.
33"-95" Tan Med. Sa. with Gravel and Broken Rock

No Water
No Mottling
Ledge @ 95"

Testing Performed 9/13/07:

T.H. 24E
0"-8" Topsoil
8"-37" Or.-Brn. Fi. Silty Sa.
37"-96" Li. Tan Med. Sa. w/Some Gravel

No Water
R.F. @ 38"
No Ledge

T.H. 24F
0"-8" Topsoil
8"-34" Or.-Brn. Fi. Silty Sa.
34"-93" Olive-Tan Med. Sa. w/Some Gravel

No Water
R.F. @ 34"
No Ledge

T.H. 24G
0"-8" Topsoil
8"-39" Or.-Brn. Fi. Silty Sa.
39"-96" Olive Tan Very Coarse Sa. & Gravel

No Water
R.F. @ 44"
No Ledge

Testing Performed 10/25/07

T.H. 241
0"-9" Topsoil
9"-32" Orange Tan Fi. Silty Sa.
32"-116" Tan Fi. Sa. with Few 3-10" Rocks

No Water
No R.F.
NO Ledge

T.H. 24J
0"-13" Topsoil
13"-26" Orange Brwn. Fi. Silty Sa.
26"-100" Tan Fi. Sa. with Few 3-10" Rocks

No Water
R.F. @ 44"
No Ledge

T.H. 24K
0"-7" Topsoil
7"-25" Orange Tan Fi. Silty Sa. with Many Rocks
25"-84" Tan Fi. Sa. with Many Rocks 3"-18"

No Water
No R.F.
No Ledge

T.H. 24L
0"-9" Topsoil
9"-23" Orange Brwn. Fi. Silty Sa.
23"-88" Olive Tan Fi. Si. Sa. with Few 3" Rocks

Water @ 71"
R.F. @ 30"
NO Ledge

T.H. 24M
0"-9" Topsoil
9"-22" Orange Brwn. Fi. Silty Sa.
22"-86" Olive Tan Fi. Si. Sa. with Many Rocks 3-10"

Water @ 78"
R.F. @ 28"
No Ledge

PERCOLATION TEST RESULTS:

Testing Performed 10/18/05

Perc. #228
Hole Collapsed
Rerun as Perc.#234 and Perc.#235

Perc. #229
Depth 26"
Diameter 9"
Presoak 12:35

3:40 9"
3:50 13"
4:00 15 1/2"
4:10 16 3/4"
4:20 18"
4:30 19"
4:40 DRY

Rate: 1"/10 Minutes

Testing Performed 10/19/05:

Perc.# 234
Depth 23"
Diameter 7"
Presoak 10*40

12:17 5 1/2"
12:27 12 1/2"
12:37 15 1/4"
12:47 16 3/4"
12:57 17 3/4"
1:07 18 1/2"
1:17 19 1/4"

Rate: 1"/Less than 14 Minutes

Perc. #235
Depth 20"
Diameter 7"
Presoak: 10:35

12:16 4 1/2"
12:26 13"
12:36 16 1/2"
12:46 DRY @ 18 1/2"

Rate: 1"/3 Minutes
1:07 18 1/2"
1:17 19 1/4"

Rate" 1"/Less Than 14 Minutes

Testing Performed 5/17/07:

Perc. #24A
Depth 21"
Diameter 10"
Presoak 11:50

2:59 6"
3:09 12"
3:19 14 3/8"
3:29 16 1/8"
3:39 17 3/8"
3:49 DRY

Rate: 1"/Less than 10 Minutes

Perc. #24B
Depth 19"
Diameter 7"
Presoak 12:00

3:00 4 1/2"
3:10 11 3/4"
3:20 14 7/8"
3:30 DRY

Rate: 1"/Less than 10 Minutes

Perc. #24E
Depth 20"
Diameter 8"
Presoak 12:00

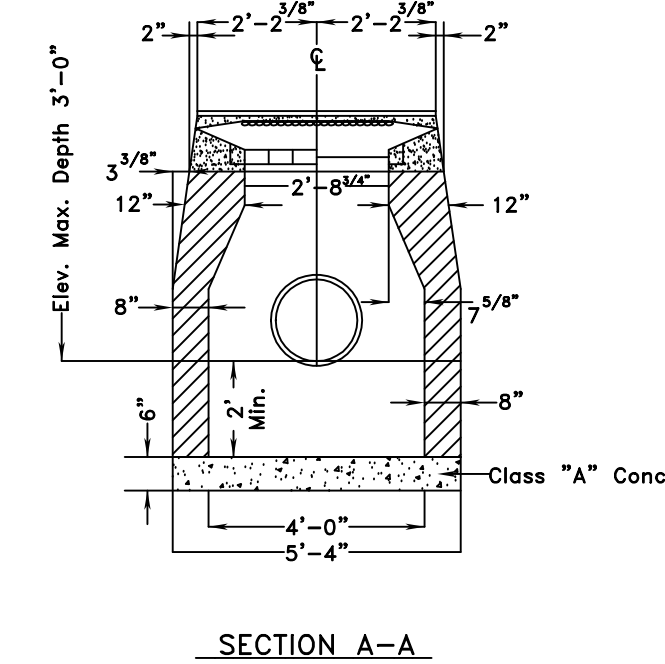
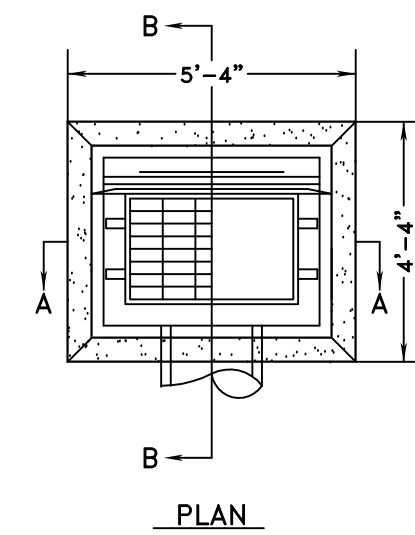
2:08 7"
2:18 12"
2:28 14 1/4"
2:38 16 3/8"
2:48 DRY

Rate: 1"/1-10 Minutes

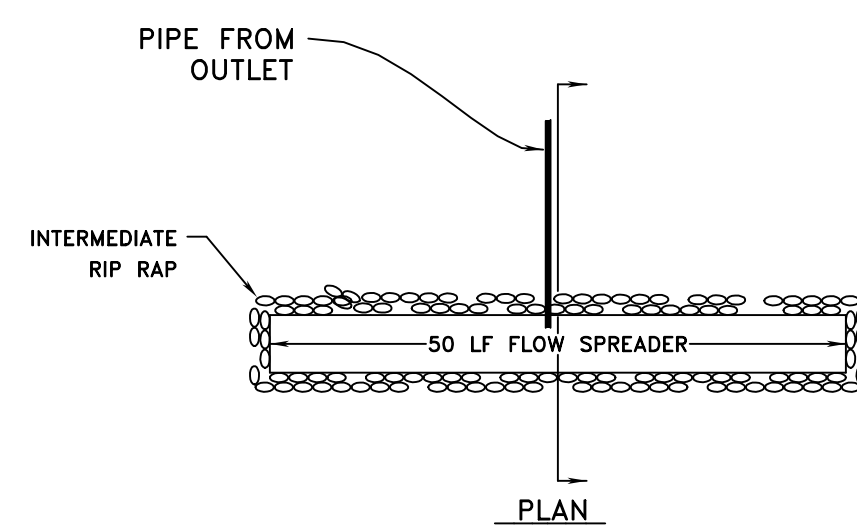
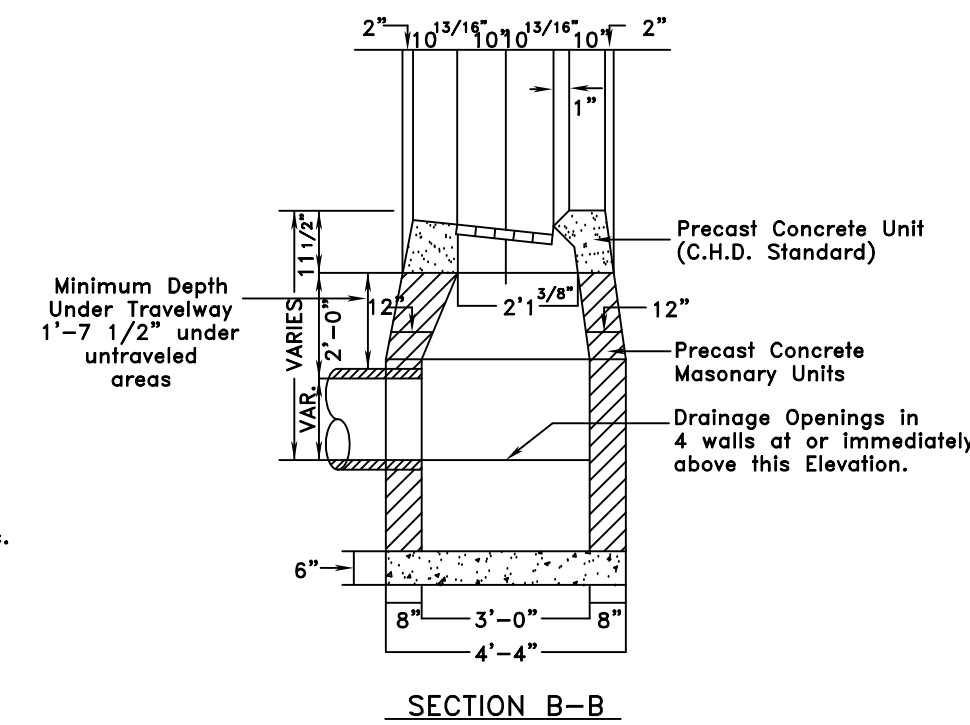
Perc. #24F
Depth 18"
Diameter 8"
Presoak 12:05

2:09 3 3/4"
2:19 10 3/4"
2:29 13 7/8"
2:39 DRY

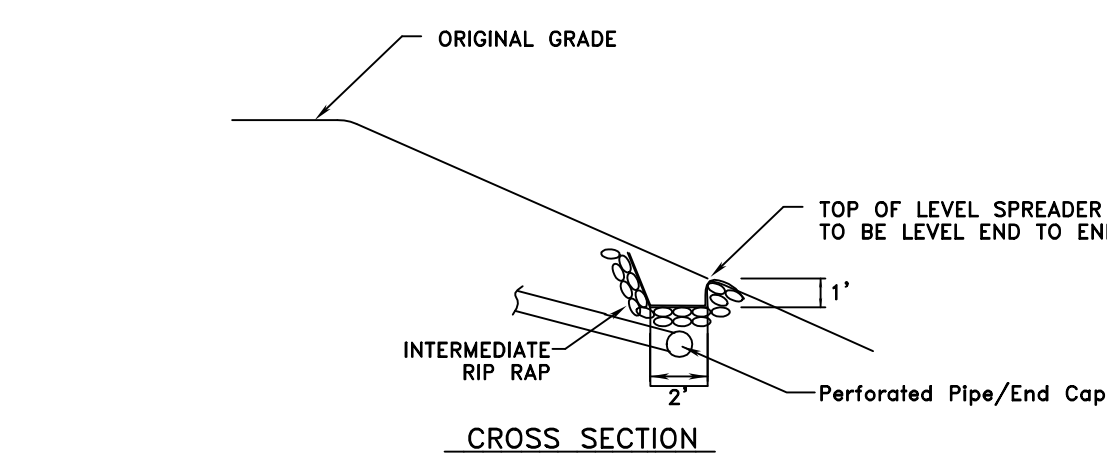
Rate: 1"/1-10 Minutes



- NOTE**
- Dimensions shown are minimums. Actual inside dimensions are based on $D = 1 = 0'$, where D is the horizontal.
 - Inside diameter measured flush to the wall.
 - Dimensions shown are minimums. Actual outside dimensions are based on inside dimensions plus 2 X the wall thickness.
 - Where height of basin from top of curb to bottom of basin is greater than 10' - 0" wall thickness is to be increased to 12".
 - All pipes to be cut flush with inside wall of structure.

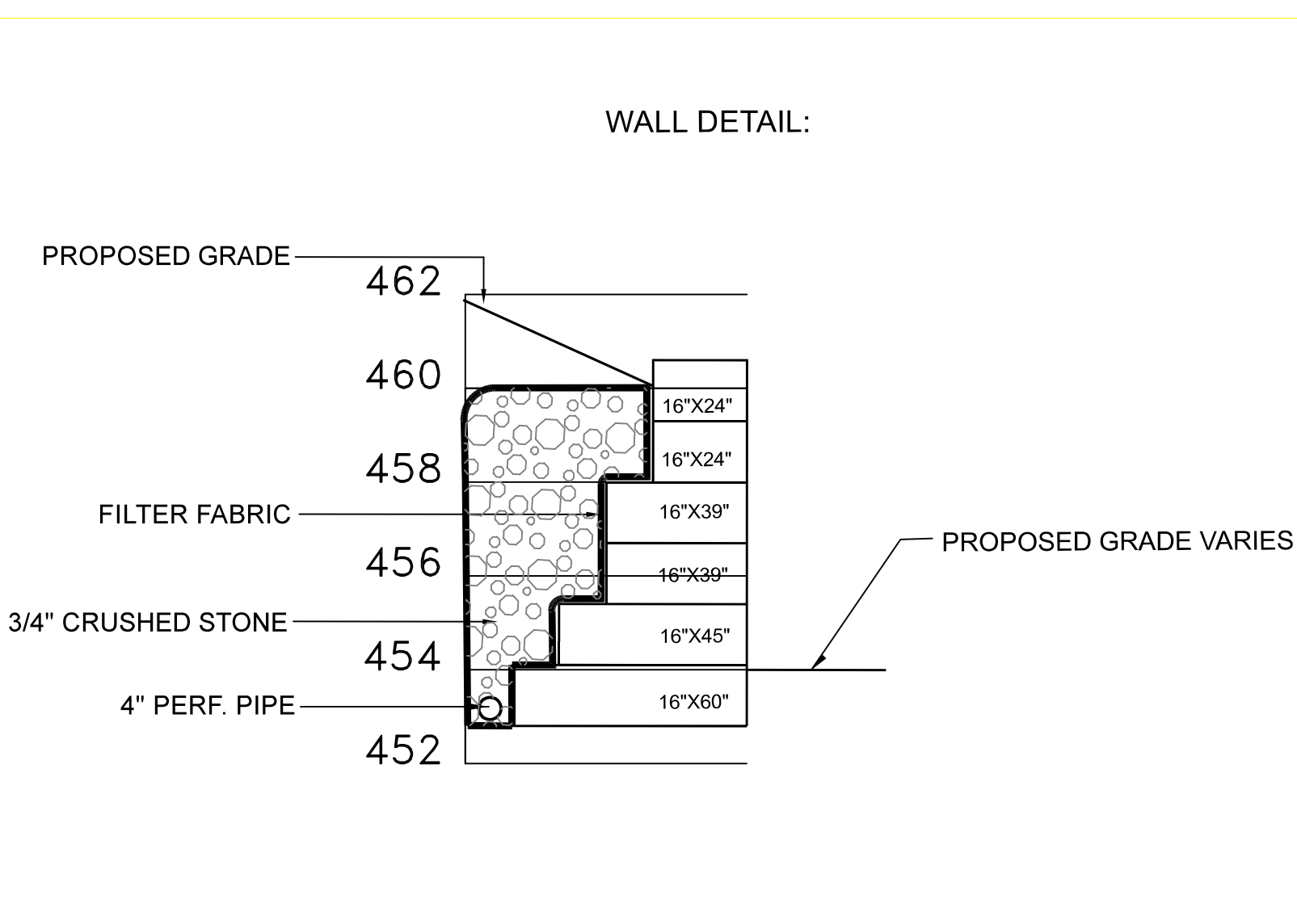


TYPE "C" CATCH BASIN WITH 2' SUMP
NOT TO SCALE



LEVEL SPREADER DETAIL
N.T.S.

LEVEL SPREADER TO REDUCE VELOCITY TO WITHIN CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL.
FOR DETENTION AREA OUTLET

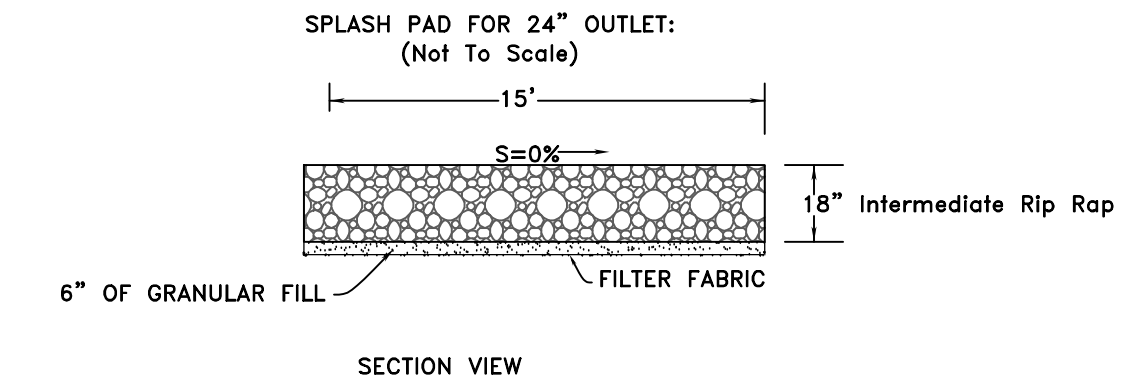


WALL DETAIL:

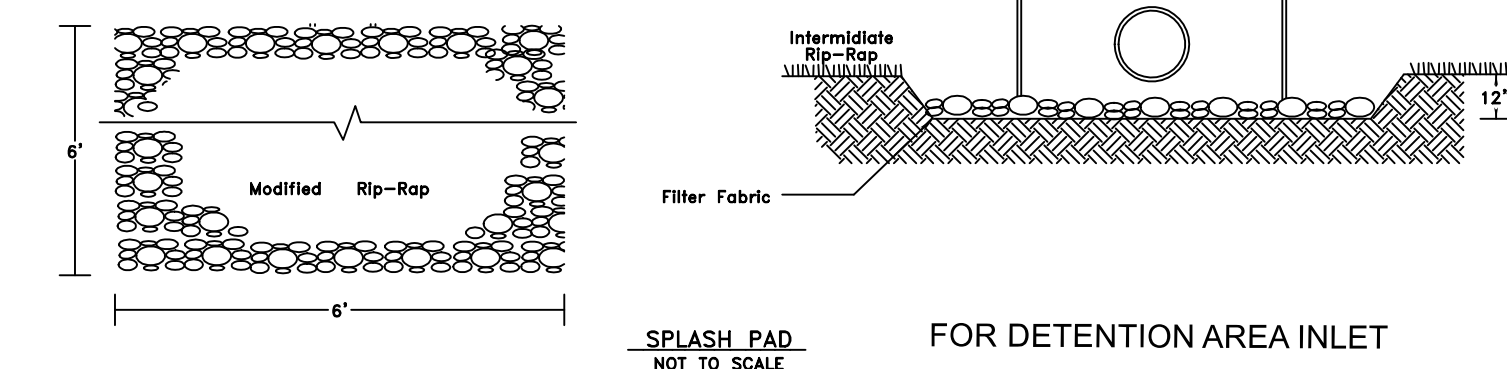
DUMPSTER DETAIL:



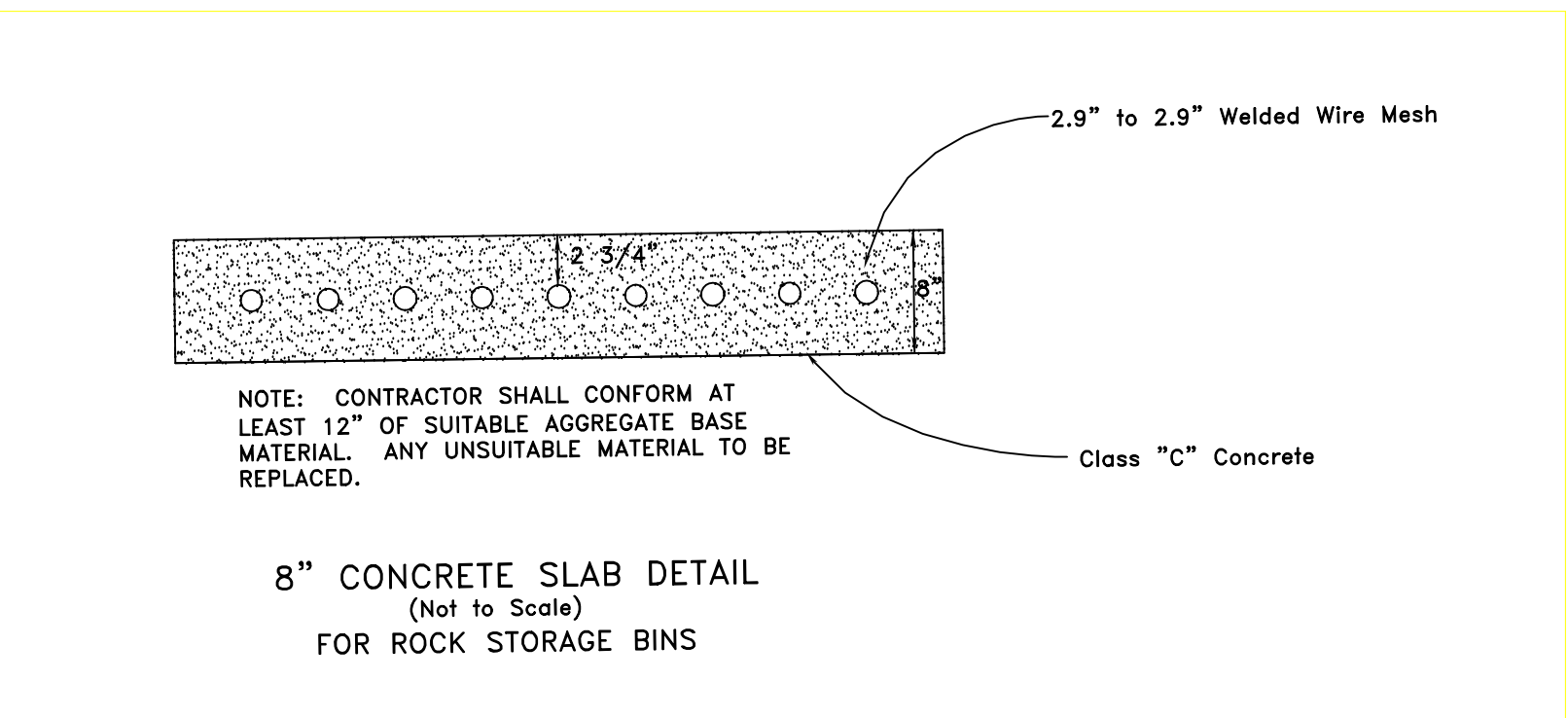
ALAN B. SHEPARD P.E. # 16198
This Map is NOT VALID without a LIVE SIGNATURE & EMBOSSED SEAL.



MODIFIED RIP RAP APRON OUTLET PROTECTION
(Not To Scale)

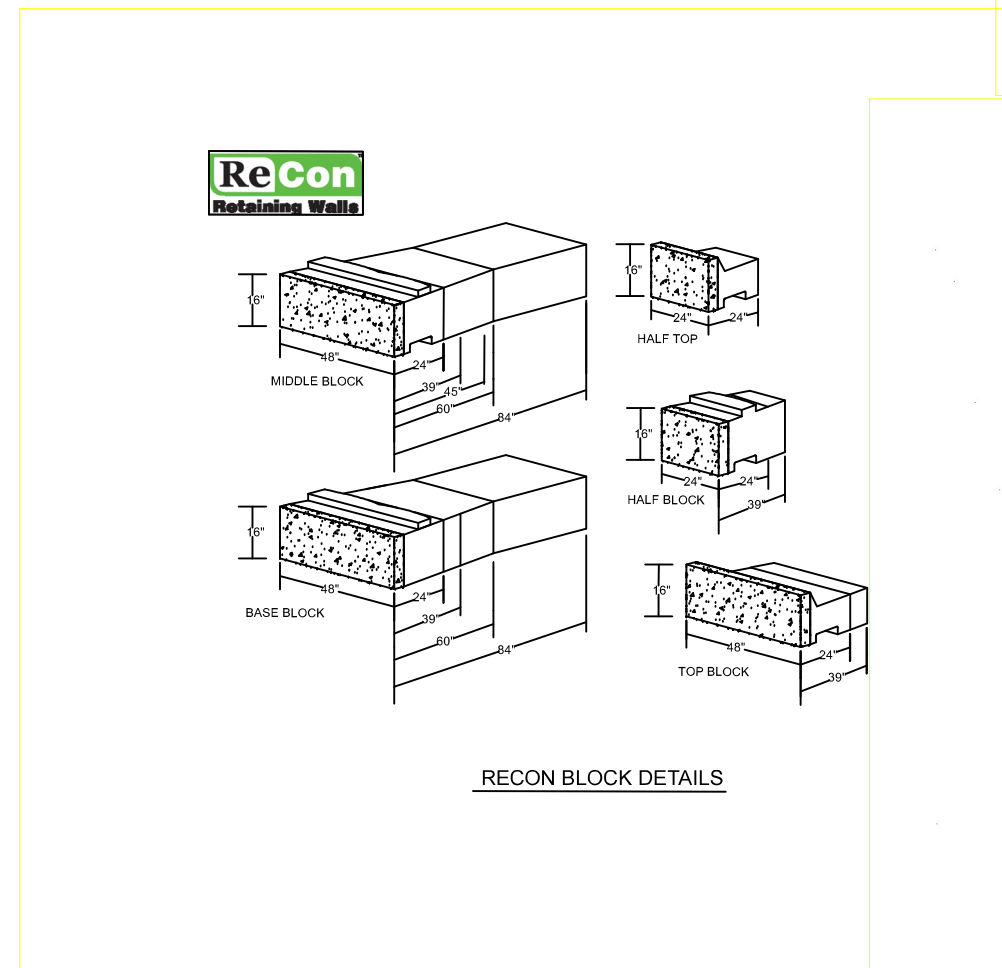


SPLASH PAD FOR DETENTION AREA INLET
NOT TO SCALE



NOTE: CONTRACTOR SHALL CONFORM AT LEAST 12" OF SUITABLE AGGREGATE BASE MATERIAL. ANY UNSUITABLE MATERIAL TO BE REPLACED.

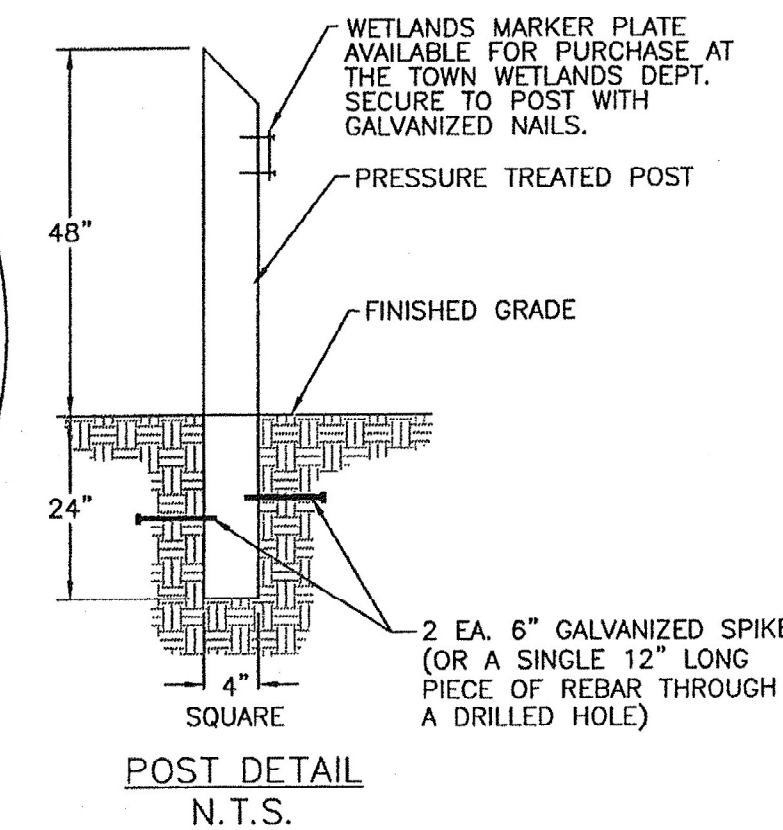
8" CONCRETE SLAB DETAIL
FOR ROCK STORAGE BINS



RECON BLOCK DETAILS



MARKER PLATE DETAIL
N.T.S.



POST DETAIL
N.T.S.

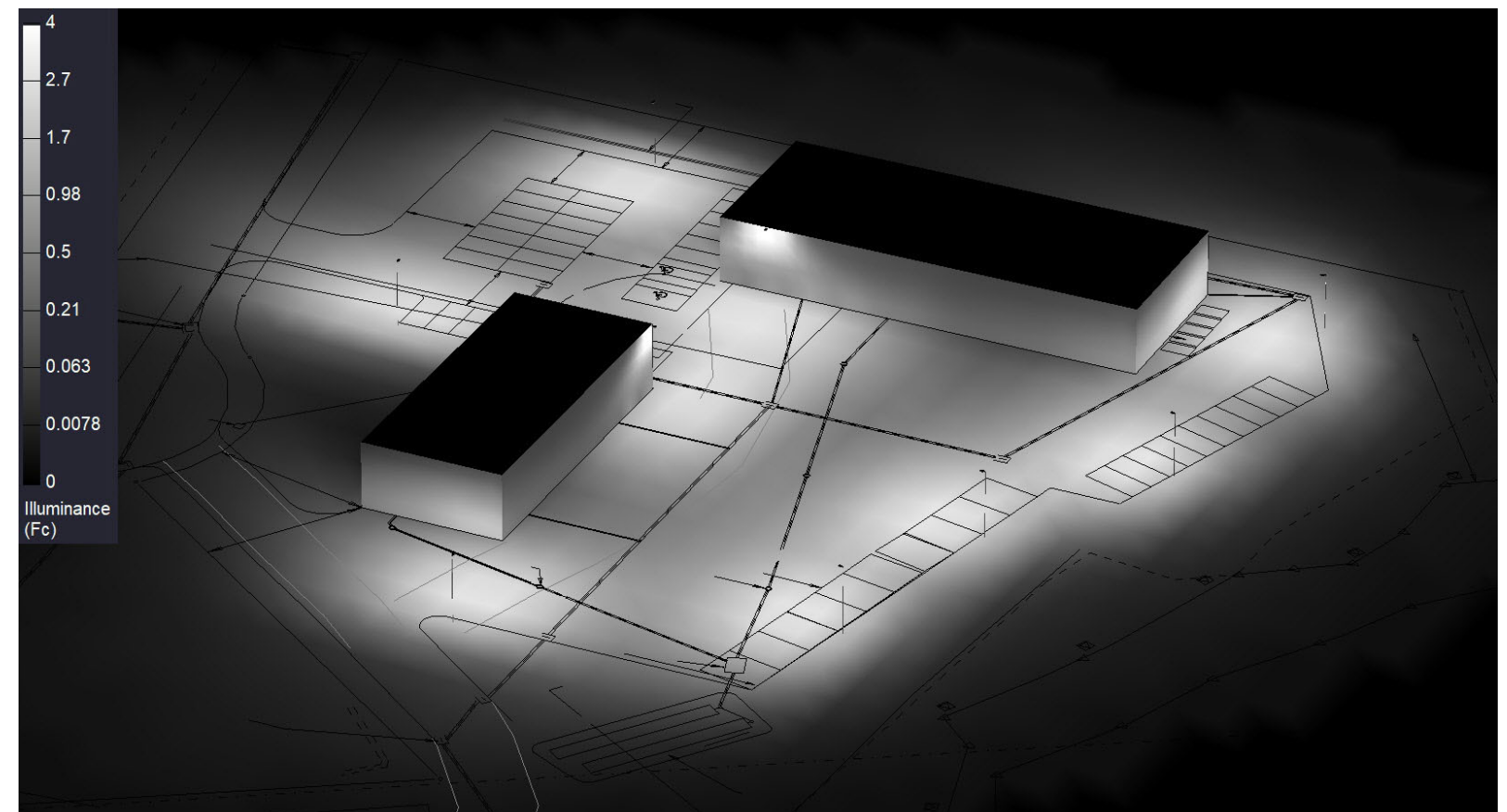
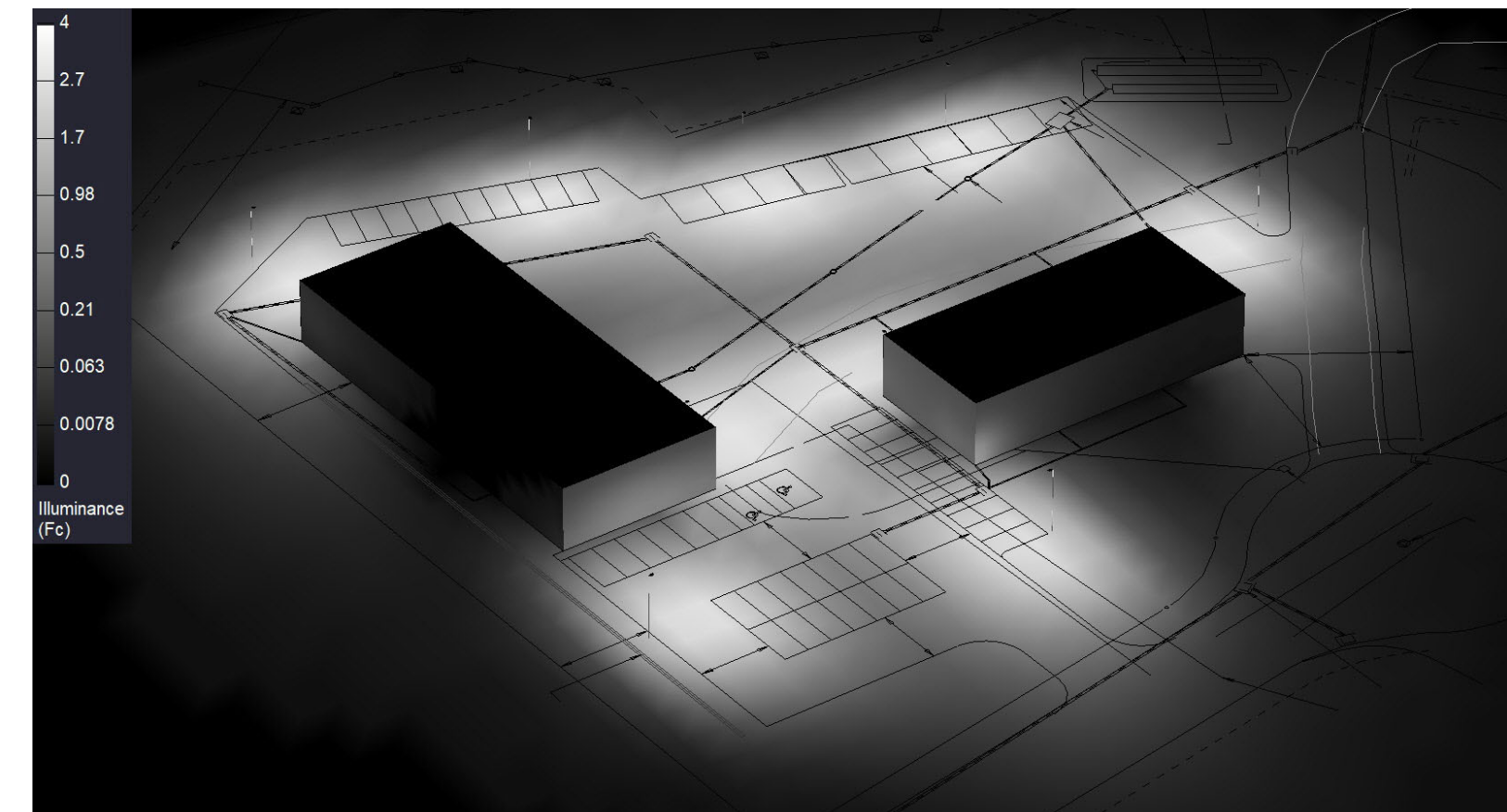
NOTE: THIS MARKER POST SHOULD BE INSTALLED ALONG THE WETLAND UPLAND REVIEW LINE (100 FT. OUTSIDE THE ACTUAL WETLANDS) AT A DISTANCE AS DETERMINED BY THE INLAND WETLANDS COMMISSION, WITH A MAX. DISTANCE OF 75 FT. APART, AND/OR AT POINTS OF CURVATURE, CHANGES IN ALIGNMENT OR ANGLE POINTS.

INLAND WETLANDS MARKER AND POST DETAILS

SOIL TEST RESULTS AND DETAIL SHEET
PREPARED FOR
R. STONE CO, LLC
169 ENTERPRISE DRIVE
MONROE/NEWTOWN, CONNECTICUT
SCALE: 1"= 0' DATE: OCTOBER 8, 2020
REVISED: 11/5/20, 1/5/21, 2/11/21, 2/20/25, 9/3/25, 9/22/25
MAP# A-4356 SEARCH 5243 FB/PG 569/25 DRAWING 202804
CIVIL ENGINEERING
NOK LAND SURVEYING
NOWAKOWSKI - O'BYMACHOW - KANE, ASSOCIATES
CIVIL ENGINEERING & LAND SURVEYING
415 HOWE AVE., SHELTON, CT 06484
PHONE: (203) 924-7745, FAX: (203) 924-7526
Records Since 1992



Scale: 1 inch= 40 Ft.



Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Description	PtSpclr	PtSpctb	Meter Type
Parking and Storage Area	Illuminance	Fc	1.36	3.8	0.2	6.80	19.00	readings taken at grade	10	10	Horizontal
Site	Illuminance	Fc	0.07	3.5	0.0	N.A.	N.A.	readings taken at grade	10	10	Horizontal

Luminaire Schedule All quotes/orders generated from this layout must be forwarded to the Local Rep Agency

Symbol	Qty	Tag	Label	Arrangement	LLF	Description	BUG Rating
	6	A	ALEDM4T @78W_5K	Single	1.000	Pole mount	B1-U0-G3
	1	B	ALEDM3T @78W_5K	Single	1.000	Pole mount	B1-U0-G2
	2	C	ALEDM3TWM @78W_5K	Single	1.000	Wall mount	B1-U0-G2

* 20 ft pole on 4 ft base by other

Expanded Luminaire Location Summary

LumNo	Tag	X	Y	MTG HT	Orient
1	A	14793.495	10324.166	24	273.151
2	A	14682.848	10272.573	24	351.278
3	A	14671.437	10198.242	24	351.278
4	B	14905.145	10165.52	24	271.949
5	C	14810.728	10164.261	24	181.22
6	A	14635.355	10136.105	24	347.252
7	C	14809.368	10087.135	24	91.563
8	A	14633.17	10029.284	24	30.924
9	A	14885.789	10025.307	24	92.467
Total Quantity: 9					

Luminaire Tag Summary

Tag	Qty
A	6
B	1
C	2

NOTES:

* The light loss factor (LLF) is a product of many variables, only lamp lumen depreciation (LLD) has been applied to the calculated results unless otherwise noted. The LLD is the result (quotient) of mean lumens / initial lumens per lamp manufacturers' specifications.

* Illumination values shown (in footcandles) are the predicted results for planes of calculation either horizontal, vertical or inclined as designated in the calculation summary. Meter orientation is normal to the plane of calculation.

* The calculated results of this lighting simulation represent an anticipated prediction of system performance. Actual measured results may vary from the anticipated performance and are subject to means and methods which are beyond the control of RAB Lighting Inc.

* Mounting height determination is job site specific, our lighting simulations assume a mounting height (insertion point of the luminaire symbol) to be taken at the top of the symbol for ceiling mounted luminaires and at the bottom of the symbol for all other luminaire mounting configurations.

* It is the Owner's responsibility to confirm the suitability of the existing or proposed poles and bases to support the proposed fixtures, based on the weight and EPA of the proposed fixtures and the owner's site soil conditions and wind zone. It is recommended that a professional engineer licensed to practice in the state the site is located be engaged to assist in this determination.

* The landscape material shown hereon is conceptual, and is not intended to be an accurate representation of any particular plant, shrub, bush, or tree, as these materials are living objects, and subject to constant change. The conceptual objects shown are for illustrative purposes only. The actual illumination values measured in the field will vary.

* Photometric model elements such as buildings, rooms, plants, furnishings or any architectural details which impact the dispersion of light must be detailed by the customer documents for inclusion in the RAB lighting design model. RAB is not responsible for any inaccuracies caused by incomplete information on the part of the customer, and reserves the right to use best judgement when translating customer requests into photometric studies.

* RAB Lighting Inc. luminaire and product designs are protected under U.S. and International intellectual property laws. Patents issued or pending apply.

The Lighting Analysis, eLayout, Energy Analysis and/or Visual Simulation ("Lighting Design") provided by RAB Lighting Inc. ("RAB") is a conceptual design tool. The Lighting Design is not a guarantee of performance and is not intended to be used for legal or regulatory purposes. RAB neither warrants, either implied or stated, nor represents the appropriateness, completeness or suitability of the Lighting Design. RAB Lighting Inc. is not responsible for any inaccuracies caused by incomplete information on the part of the customer, and reserves the right to use best judgement when translating customer requests into photometric studies. RAB Lighting Inc. luminaire and product designs are protected under U.S. and International intellectual property laws. Patents issued or pending apply.

PROJECT # 1665245
 CASE # 01759938
 Date: 9/26/2025
 Filename: Monroe Stone Yard 01759938C.AGI
 Drawn By: AJ Zuniga

Job Name:
 Monroe Stone Yard
 Monroe, CT
 Lighting Layout
 Version C

Prepared For:
 Holbrook Associated
 35 Reservoir Park Drive
 Rockland, MA 02370
 Tel: 781-871-0011



Filename: C:\Users\aj.zuniga\Desktop\Projects\Monroe Stone Yard-Revision4\KG\AGI\Monroe Stone Yard 01759938C.AGI



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	150W
120V	1.25A	Color	5000K (Cool)
208V	0.73A	Temp	
240V	0.63A	Color Accuracy	85 CRI
277V	0.55A	L70 Lifespan	100,000 Hours
Input Watts	76/91.6/148.2W	Lumens	10603/12617/19192 lm
		Efficacy	139.5/137.7/129.5 lm/W

Technical Specifications

Field Adjustability

Field Adjustable (Wattage):

Field adjustable light output in 3 discrete steps:
Medium Housing: 150W/90W/78W (factory default 150W)

Compliance

UL Listed:

Suitable for wet locations

IP Rating:

Ingress protection rating of IP66 for dust and water

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

DLC Product Code: S-53X76G

LED Characteristics

LEDs:

Long-life, high-efficacy, discrete, surface-mount LEDs

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:

LED color temperature is warranted to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

Electrical

Driver:

78W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.65A, 208V: 0.38A, 240V: 0.33A, 277V: 0.29A

90W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.75A, 208V: 0.44A, 240V: 0.38A, 277V: 0.33A

150W: Constant Current, Non-Class 2, 120-277V, 50/60 Hz, 120V: 1.25A, 208V: 0.73A, 240V: 0.63A, 277V: 0.55A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:

3.59% at 120V, 8% at 277V

Power Factor:

100% at 120V, 95.7% at 277V

Surge Protection:

Line to Line: 10 kV
Line to Ground: 6 kV

Performance

Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Wattage Equivalency:

Equivalent to 400W Metal Halide

Construction

IES Classification:

The Type III distribution is meant to be located near the side of an area, projecting the light outward to fill the area. Ideal for roadways, general parking areas, lighting applications and where a large pool of light is required.

Cold Weather Starting:

The minimum starting temperature is -40°F (-40°C)

Technical Specifications (continued)

Ambient Temperature :

Max Power Temp Rating: 104°F (40°C)
Middle Power Temp Rating: 52°C (125°F)
Low Power Temp Rating: 54°C (130°F)

Housing:

Die-cast aluminum

Lens:

Polycarbonate lens

Reflector:

Aluminum reflector with white polycarbonate

Vibration Rating:

3G vibration rating per ANSI C136.31

Effective Projected Area:

1 Fixture: 0.37
2 Fixtures at 90°: 0.59
2 Fixtures at 180°: 0.74
3 Fixtures at 90°: 0.96
4 Fixtures at 90°: 0.96

Gaskets:

High-temperature silicone gaskets

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

Mounting:

Wall mount

Optical

Bug Rating:

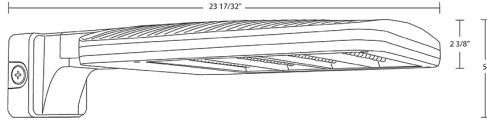
150W: B2 U0 G3
90W: B1 U0 G2
78W: B1 U0 G2

Other

10-Year, No-Compromise Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Dimensions



Features

- 0-10V dimmable standard
- IP66 Rated
- 100,000-Hour LED lifespan
- 10-Year, No-Compromise Warranty

Ordering Matrix

Family	Housing Size	Distribution	Mounting	Color Temp	Finish	Driver	Options
ALED	M	3T	WM				
	M = Medium (150W/90W/78W) L = Large (260W/220W/170W) XL = Extra Large (385W/345W/300W) S = Small (80W/60W/40W)	2T = Type II 3T = Type III 4T = Type IV 5T = Type V AT = Auto Dealership Optic	Blank = Universal Pole Mount SF = Slipfitter WM = Wall Mount	Blank = 5000K Cool Y = 3000K Warm ¹ N = 4000K Neutral	Blank = Bronze W = White B = Black	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	Blank = No Option /7PR = 7 Pin Twistlock Receptacle /WS2 = Wattstopper, 20ft lens /WS4 = Wattstopper, 40ft lens ³

¹ Dark sky approved in 3000K, available only on Small and Medium fixtures

² 480V available only on Medium, Large & Extra Large fixtures

³ Wattstopper option available only on Large & Extra Large fixtures



Color: Bronze

Weight: 16.5 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	150W
120V	1.25A	Color	5000K (Cool)
208V	0.73A	Temp	
240V	0.63A	Color Accuracy	85 CRI
277V	0.55A	L70 Lifespan	100,000 Hours
Input Watts	76/91.6/148.2W	Lumens	10603/12617/19192 lm
		Efficacy	139.5/137.7/129.5 lm/W

Technical Specifications

Field Adjustability

Field Adjustable (Wattage):

Field adjustable light output in 3 discrete steps:
Medium Housing: 150W/90W/78W (factory default 150W)

Compliance

UL Listed:

Suitable for wet locations

IP Rating:

Ingress protection rating of IP66 for dust and water

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: S-53X76G

LED Characteristics

LEDs:

Long-life, high-efficacy, discrete, surface-mount LEDs

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:

LED color temperature is warranted to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

Electrical

Driver:

78W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.65A, 208V: 0.38A, 240V: 0.33A, 277V: 0.29A

90W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.75A, 208V: 0.44A, 240V: 0.38A, 277V: 0.33A

150W: Constant Current, Non-Class 2, 120-277V, 50/60 Hz, 120V: 1.25A, 208V: 0.73A, 240V: 0.63A, 277V: 0.55A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:

3.59% at 120V, 8% at 277V

Power Factor:

100% at 120V, 95.7% at 277V

Surge Protection:

Line to Line: 10kV
Line to Ground: 6kV

Performance

Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Wattage Equivalency:

Equivalent to 400W Metal Halide

Construction

IES Classification:

The Type III distribution is meant to be located near the side of an area, projecting the light outward to fill the area. Ideal for roadways, general parking areas, lighting applications and where a large pool of light is required.

Technical Specifications (continued)

Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

Ambient Temperature :

Max Power Temp Rating: 40°C (104°F)

Middle Power Temp Rating: 52°C (125°F)

Low Power Temp Rating: 54°C (130°F)

Housing:

Die-cast aluminum

Lens:

Polycarbonate lens

Reflector:

Aluminum reflector with white polycarbonate

Vibration Rating:

3G vibration rating per ANSI C136.31

Effective Projected Area:

1 Fixture: 0.37

2 Fixtures at 90°: 0.59

2 Fixtures at 180°: 0.74

3 Fixtures at 90°: 0.96

4 Fixtures at 90°: 0.96

Gaskets:

High-temperature silicone gaskets

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

Mounting:

Universal mounting arm compatible for hole spacing patterns from 1" to 3" center to center. Round Pole Adaptor plate included as a standard. Easy slide and lock to mount fixture with ease.

Optical

Bug Rating:

150W: B2 U0 G3

90W: B1 U0 G2

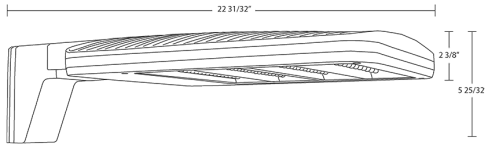
78W: B1 U0 G2

Other

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Dimensions



Features

- 0-10V dimmable standard
- IP66 Rated
- 100,000-Hour LED lifespan
- 10-Year, No-Compromise Warranty

Ordering Matrix

Family	Housing Size	Distribution	Mounting	Color Temp	Finish	Driver	Options
ALED	M	3T					
	M = Medium (150W/90W/78W) L = Large (260W/220W/170W) XL = Extra Large (385W/345W/300W) S = Small (80W/60W/40W)	2T = Type II 3T = Type III 4T = Type IV 5T = Type V AT = Auto Dealership Optic	Blank = Universal Pole Mount SF = Slipfitter WM = Wall Mount	Blank = 5000K Cool Y = 3000K Warm ¹ N = 4000K Neutral	Blank = Bronze W = White B = Black	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	Blank = No Option /7PR = 7 Pin Twistlock Receptacle /WS2 = Wattstopper, 20ft lens /WS4 = Wattstopper, 40ft lens ³

¹ Dark sky approved in 3000K, available only on Small and Medium fixtures

² 480V available only on Medium, Large & Extra Large fixtures

³ Wattstopper option available only on Large & Extra Large fixtures



Color: Bronze

Weight: 16.5 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	150W
120V	1.25A	Color Temp	5000K (Cool)
208V	0.73A	Color Accuracy	85 CRI
240V	0.63A	L70 Lifespan	100,000 Hours
277V	0.55A	Lumens	10610/12625/19204 lm
Input Watts	75.2/90.6/146.6W	Efficacy	141.1/139.3/131 lm/W

Technical Specifications

Field Adjustability

Field Adjustable (Wattage):

Field adjustable light output in 3 discrete steps:
Medium Housing: 150W/90W/78W (factory default 150W)

Compliance

UL Listed:

Suitable for wet locations

IP Rating:

Ingress protection rating of IP66 for dust and water

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

DLC Product Code: S-AH0R16

LED Characteristics

LEDs:

Long-life, high-efficacy, discrete, surface-mount LEDs

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:

LED color temperature is warranted to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

Electrical

Driver:

78W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.65A, 208V: 0.38A, 240V: 0.33A, 277V: 0.29A

90W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.75A, 208V: 0.44A, 240V: 0.38A, 277V: 0.33A

150W: Constant Current, Non-Class 2, 120-277V, 50/60 Hz, 120V: 1.25A, 208V: 0.73A, 240V: 0.63A, 277V: 0.55A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:

3.67% at 120V, 8.03% at 277V

Power Factor:

100% at 120V, 95.7% at 277V

Surge Protection:

Line to Line: 10kV
Line to Ground: 6kV

Performance

Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Wattage Equivalency:

Equivalent to 400W Metal Halide

Construction

IES Classification:

The Type IV distribution is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

Technical Specifications (continued)

Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

Ambient Temperature :

Max Power Temp Rating: 40°C (104°F)

Middle Power Temp Rating: 52°C (125°F)

Low Power Temp Rating: 54°C (130°F)

Housing:

Die-cast aluminum

Lens:

Polycarbonate lens

Reflector:

Aluminum reflector with white polycarbonate

Vibration Rating:

3G vibration rating per ANSI C136.31

Effective Projected Area:

1 Fixture: 0.37

2 Fixtures at 90°: 0.59

2 Fixtures at 180°: 0.74

3 Fixtures at 90°: 0.96

4 Fixtures at 90°: 0.96

Gaskets:

High-temperature silicone gaskets

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

Mounting:

Universal mounting arm compatible for hole spacing patterns from 1" to 3" center to center. Round Pole Adaptor plate included as a standard. Easy slide and lock to mount fixture with ease.

Optical

Bug Rating:

150W: B2 U0 G4

90W: B1 U0 G3

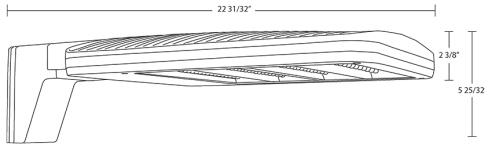
78W: B1 U0 G3

Other

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Dimensions



Features

- 0-10V dimmable standard
- IP66 Rated
- 100,000-Hour LED lifespan
- 10-Year, No-Compromise Warranty

Ordering Matrix

Family	Housing Size	Distribution	Mounting	Color Temp	Finish	Driver	Options
ALED	M	4T					
	M = Medium (150W/90W/78W) L = Large (260W/220W/170W) XL = Extra Large (385W/345W/300W) S = Small (80W/60W/40W)	2T = Type II 3T = Type III 4T = Type IV 5T = Type V AT = Auto Dealership Optic	Blank = Universal Pole Mount SF = Slipfitter WM = Wall Mount	Blank = 5000K Cool Y = 3000K Warm ¹ N = 4000K Neutral	Blank = Bronze W = White B = Black	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	Blank = No Option /7PR = 7 Pin Twistlock Receptacle /WS2 = Wattstopper, 20ft lens /WS4 = Wattstopper, 40ft lens ³

¹ Dark sky approved in 3000K, available only on Small and Medium fixtures

² 480V available only on Medium, Large & Extra Large fixtures

³ Wattstopper option available only on Large & Extra Large fixtures



Color: Bronze

Weight: 175.3 lbs

Project:	Type:
Prepared By:	Date:

Technical Specifications

Compliance

CSA Listed:

Suitable for wet locations

Performance

Description:

Steel pole 4" round 7 gauge 20 foot drilled two sides square base

Construction

Shaft:

46,000 p.s.i. minimum yield.

Hand Holes:

Reinforced with grounding lug and removable cover

Base Plates:

36,000 p.s.i. minimum yield.

Color:

Bronze powder coating

Height:

20 ft

Gauge:

7

Wall Thickness:

3/16"

Shaft Size:

4"

Anchor Bolt Templates:

WARNING Template must be printed on 11" x 17" sheet for actual size. CHECK SCALE BEFORE USING. Templates shipped with anchor bolts and available [online](#).

Max EPA's/Max Weights:

- 70MPH 14.9 ft/410 lb.
- 80MPH 10.7 ft/350 lb.
- 90MPH 7.8 ft/165 lb.
- 100MPH 5.8 ft/130 lb.
- 110MPH 4.2 ft/70 lb.
- 120MPH 3.1 ft/60lb.
- 130MPH 2.1 ft/50 lb.
- 140MPH 1.4 ft/50 lb.
- 150MPH 0.8 ft/20 lb

Accessories:

Base/Cap: [BCK-R4](#)

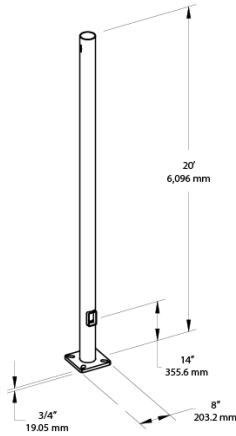
Anchor Bolts: [BOLT4/7](#)

Other

Terms of Sale:

Pole Terms of Sale is available [online](#).

Dimensions



Features

- Designed for ground mounting
- Heavy duty TGIC polyester coating
- Reinforced hand holes with grounding lug and removable cover for easy wiring access
- Pole caps, base covers & bolts are sold separately
- Custom manufactured for each application

Ordering Matrix

Family	Shape	Size	Gauge	Height	Drilled/Welded Tenon
P	R	4	7	20	D2
	R = Round	4 = 4"	7 = 7	10 = 10'	D2 = Drilled
	TR = Tapered Round	5 = 5"	11 = 11	15 = 15'	WT = Welded Tenon
		6 = 6"		20 = 20'	
		7 = 7"		25 = 25'	
		8 = 8"		30 = 30'	