INLAND WETLANDS AND WATERCOURSES COMMISSION

Town of Trumbull

CONNECTICUT
www.trumbull-ct.gov

TOWN HALL
Trumbull

TELEPHONE
(203) 452-5005

AGENDA
NOVEMBER 11, 2026

TO: MEMBERS OF THE INLAND WETLANDS AND WATERCOURSES COMMISSION

RE: VIDEOCONFERENCE MEETING – Thursday, November 5, 2026

The Town of Trumbull Inland Wetlands and Watercourses Commission will hold a videoconference meeting on Thursday, November 5, 2026 at 7:00 pm

https://us06web.zoom.us/j/86074221578?pwd=WT0JEOjjpbo6oz0GVCBaQDJyvQCHd8.1
Webinar ID: 860 7422 1578
Password: 385546
Join by telephone: (646) 931-3860 / Webinar ID: 860 7422 1578

NEW BUSINESS

Application 26-45	SJHS Realty, LLC	Permit approval for construction of a 12,120 sf addition on the east side of existing school building, a 2 story 13,250 sf free standing gymnasium in area of former convent building; which will be demolished and an expansion of existing driveways and parking area within a regulated area at 2320 Huntington Turnpike.

OLD BUSINESS

Application 26-30	Cruz Anthony Delgado Jr	Permit approval for 3 car detached garage, 1st floor addition above existing garage, driveway extension, trench drain, 3 proposed trees w/in 100'setback from brook and proposed storm water drainage, installation of new vinyl fence and removal of approx. 5 trees within a regulated area of 1890 Old Town Road.
Application 26-36	Unity Road Trumbull, LLC	Permit approval for remediation plan in response to notice of violation within a regulated area near 33 Booth Hill Road & 334 Unity Road.

Application 26-37	Mary Beth Simons	Permit approval for a conceptual development plan for 2 future dwellings within a regulated area at 21 Fuller Road.

MINUTES

Approve meeting minutes – October 6, 2026

SCHEDULE FIELD INSPECTION(S)

INLAND WETLANDS AND WATERCOURSES
COMMISSION
TOWN OF TRUMBULL

APPLICATION FOR PERMIT

SECTION I

Application No.

APP 26-45
RECD 10/20/2026

1. Location/address of property where activity is proposed: 2320 Huntington Turnpike

   Parcel Size 57.2 Zone: AA Map ID: _____ Current Use: Educational

2. Applicant's Name: SJHS Realty, LLC - David Klein, President

   Applicant's Address: 2320 Huntington Turnpike Trumbull, CT

   Telephone: 203-378-9378 Cell: ( ) 203-650-0076 Email: dklein@sjcadets.org

   Applicant's interest in property (Lessee, Licensee, Owner, etc.): Owner

3. Name of Property Owner of Record: Same as Applicant

   If the owner is a corporation, or other non-individual entity, include the primary contact information

   Address of Owner of Record: _____

   Telephone: _____ Cell: ( ) _____ Email: _____

   If Applicant is the Owner, go to #5

4. The undersigned hereby authorizes _____ to act as Agent on my behalf as related to this application.

   _____
   (Owner of Record)

5. Description of proposed activity and location of property. Include listing of all proposed regulated activities (use separate sheet if necessary):

   See attached Project Narrative

The applicant understands that this application is to be considered complete only when all information and documents required by the Agency have been submitted.
The undersigned warrants the truth of all statements contained herein and in all supporting documents under penalty of false statement according to the best of his/her knowledge and belief.
Permission is granted to the Town of Trumbull, Inland Wetlands & Watercourses Commission, and its agent (s) to inspect the subject land, at reasonable times, during the pendency of an application and for the life of the permit under Section 7.5 of the IWWC Regulations.

Applicant's Signature: _____ Date: _____
(If not the Owner)

Owner's Signature: _____ Date: _____

SECTION II

SITE PLAN REQUIREMENTS

1. Total property area: 57.2 ac. Zone: AA Number of Lots: Five
2. Map ID, from assessors card: #2320:J6/86
3. Total area existing of wetlands on property: 334,890 sf - 7.69 ac
4. Total area of Regulated area on property: 883,980 sf - 20.29 ac.
5. Wetlands area to be disturbed: Zero (0) s.f.
6. Upland Review area to be disturbed: 25,000 sf - 0.57 ac
7. Proposed % of wetlands on the property to be disturbed: Zero
8. Total area of proposed land disturbance: 186,400 sf - 4.28 ac.
9. Is the proposed activity located within 500 feet of the boundary of Easton, Monroe, Shelton, Stratford, Bridgeport or Fairfield: Yes _____ No X (If yes, see Section 8.2 of the Trumbull IWWC Regulations.)
10. Is any portion of the site located within a water company watershed: Yes _____ No X (If yes, see Section 8.3 of Trumbull Inland Wetlands & Watercourses Regulations.)
11. Existing property coverage type data:

	Percent of Regulated Area:	Dominant Species:
Trees:	50%	See Wetlands Survey for description
Shrubs:	38%	See Wetlands Survey for description
Grasses, weeds, etc:	9%	Lawn
Impervious area:	3%	Parking area, art. turf fields

12. Existing watercourse data and open water characteristics: (if applicable)
    a. Size of pond(s) or lake(s): None
    b. Stream characteristics: intermittent or permanent: _____
    c. 100 year flood evaluation: _____
13. Probable effect of proposal (if any) on vegetation and wildlife: Limited clearing and proposed restoration will have a nominal effect on vegtation and wildlife.
14. Existing or proposed source(s) of water supply for the property: Municipal
15. Existing or proposed method of sewage disposal for the property: Municipaal
16. Creation of proposed water bodies (If yes, detailed information will be required) Yes: _____ No: X
17. List proposed measures to protect regulated and inland wetland areas from:
    a. Erosion and sedimentation: Silt fence and Haybales, silt sacs in CB's, Temp. sediment traps
18. Proposed percent of Regulated area to be covered with impermeable surface: 5%
19. Material to be (check all that applies): deposited ☐ excavated ☒ (If yes, complete the following)
    a. Area: _____ Volume: _____
    b. Physical & Chemical composition of material to be deposited: _____

Donald W. Smith, Jr., P.E.
CONSULTING ENGINEER
56 Greenwood Circle
Seymour, Connecticut 06483
(203) 888-4904
Fax: (203) 881-3434
Email: dwsjrpe@sbcglobal.net

CIVIL ENGINEERING
SEPTIC DESIGN

CONSTRUCTION INSPECTION
SITE DEVELOPMENT

PROJECT NARRATIVE

ST JOSEPH HIGH SCHOOL
COMMONS AND AUXILIARY GYM

2320 Huntington Turnpike
Trumbull, Connecticut

October 16, 2026

This Development narrative has been prepared to summarize the existing site conditions, the nature of the proposed development and the impacts associated with the proposed expansion of the St. Joseph High School campus.

The proposed project entails the construction of a 12,120 sf addition on the east side of the existing school building and a two story, 13,250 sf (26,500 sf total floor area) free standing auxiliary gymnasium in the area of the former (6,400 sf) convent building. The convent building, which was constructed in 1965 and is no longer used a residence, will be demolished to allow construction of the gymnasium.

The proposed project will not increase the number of students (602) or faculty &staff (81) currently on-site.

The project includes the expansion and reconfiguration of the existing driveways and parking areas on the east and north sides of the building. The proposed project will provide a total of 441 parking spaces, including nine (9) accessible spaces, three (3) EV charging spaces and one (1) accessible EV charging space, an increase of two (2) spaces from current condition.

The proposed project will disturb approximately 4.3 ac of the existing site, including approximately 25,000 sf of disturbance within the inland wetlands upland review area. It should be noted that the disturbed upland review area had been previously disturbed. The project has no direct wetlands impacts.

The proposed project will be constructed in two (2) phases. The Commons addition on the east side of the existing building, the easterly and upper level access driveways and easterly parking area being in the first phase and the Auxiliary Gym and north parking area being in second phase. The project is proposed to commence in the spring of 2027, with Phase 1 completed in the summer of 2029 and Phase 2 commencing in the spring/summer of 2029 and being complete in the summer of 2030.

The project Site is located on the East side of Huntington Turnpike and it consisted of five (5) parcels (#2262, 2310, 2328 and 2340 Huntington Turnpike) totaling 57.2 acres owned by SJHS, LLC, which are in the process of being merged into a single parcel. The Site is located in a AA residence zone and the existing use is allowed by Special Permit.

The Site contains approximately 334,900 sf (7.69 ac) of regulated inland wetlands and approximately 549,000 sf (12.6 ac) of regulated wetlands upland review area for a total of 20.3 ac. of Regulated area.

The Site does not contain a regulated FEMA Flood Hazard Area and it is not in an Aquifer protection Area or on a public water supply watershed.

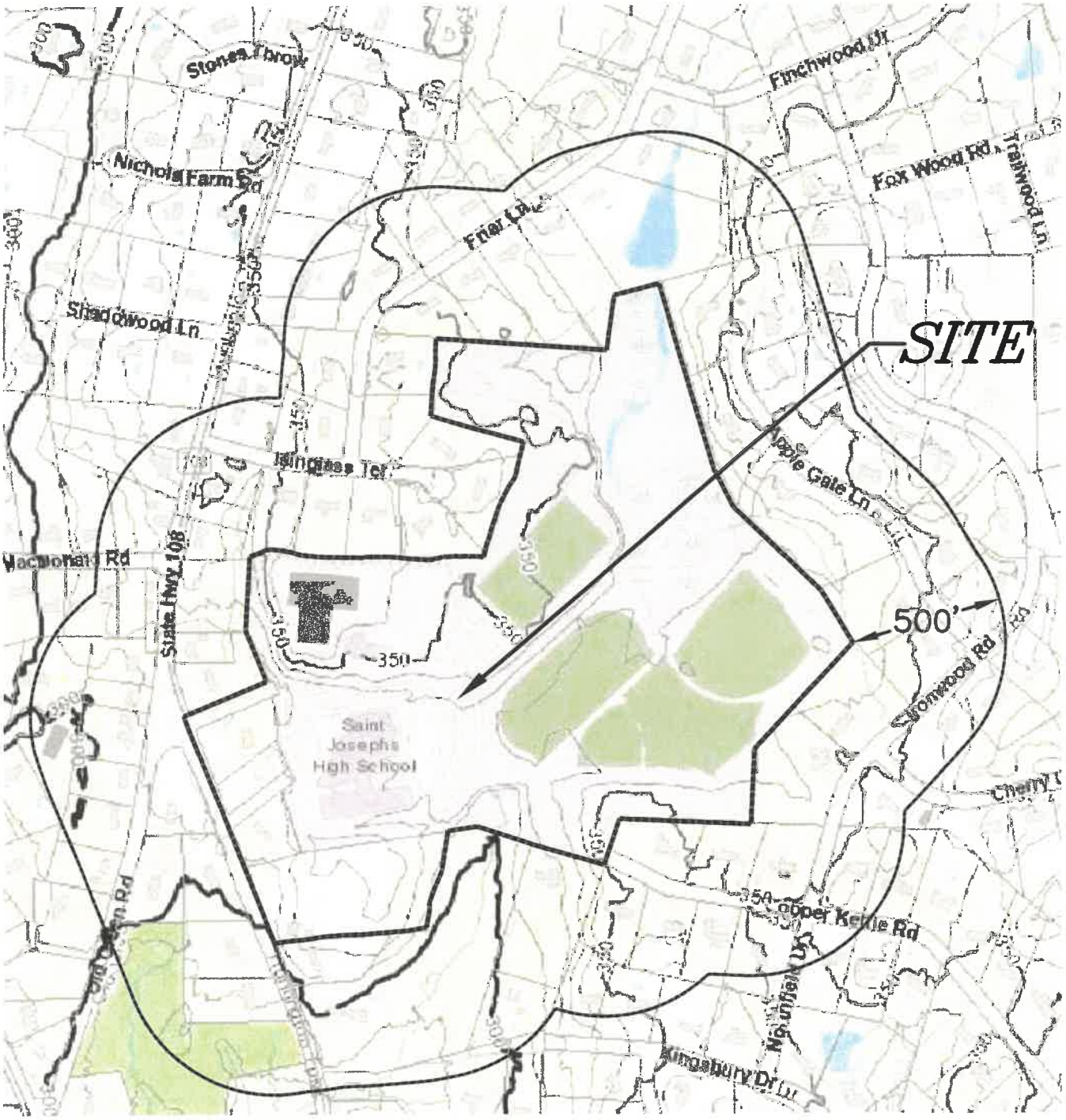
Since the Site is classified as a Major Traffic Generator (MTG), an Administrative Decision (AD) application will need to be prepared and submitted to the State of Connecticut Department of Transportation Office of the State Traffic Administration (OSTA). Approval of the project by the Planning and Zoning Commission is a prerequisite to submittal of the AD application to OSTA.

Stormwater runoff from the developed portions of the property flows in two directions, southerly and westerly. The stormwater runoff from the current project flows in the southerly direction to an existing wetlands and watercourse (wetlands F). As a result of the proposed project, the drainage area flowing westerly is slightly reduced (appox. 9,000 sf. or 0.21 ac). The proposed project will result in a net increase in impervious area of approximately 68,000 sf (1.56 ac.) as a result of the project.

In order to address the increase in runoff generated by the project, a Storm Water Management Area (SWMA) is proposed to be constructed. The SWMA will be a subsurface system containing approximately 31,000 cf of storage volume, the largest system that we can reasonably accommodate. The discharge from the SWMA will be controlled so that the post development discharge is less then the pre-development conditions on the site.

Stormwater runoff from the northern and western portions of the property discharges thru a 15" and 18" culvert under Huntington Turnpike. Our analysis of this system shows it is severely undersized. In order to address the existing conditions, a Storm Water Management Area (SWMA) and new larger crossing of Huntington Turnpike will be required. The SWMA will be a subsurface detention basin containing approximately 10,000 cf of storage volume. The existing 15" culvert under Huntington Turnpike would be increased to 24" and a new outlet structure will be constructed in the existing detention basin. The inlet of the existing 18" culvert to the north of the parcel will be lowered approximately 1.1' and will remain.

END OF DEVELPOMENT NARRATIVE



GRAPHIC SCALE:

500 0 500

MAP REFERENCE:
Town of Trumbull, CT online GIS map (mapxpress.net).

REVISIONS		
NO.	DESCRIPTION	DATE

500' RADIUS CONTOUR MAP

ST. JOSEPH HIGH SCHOOL

2320 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT

DONALD W. SMITH, JR., P.E.
CONSULTING ENGINEER
56 GREENWOOD CIRCLE SEYMOUR, CT. 203-888-4904

Job No. 06-11D

Scale: 1"=500'

Date: 9/16/26

Designed: D.W.S.

Drawn: K.D.K.

Sheet: 1 OF 1

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3066

Doc ID: 005107460005 Type: LAN
Book 1827 Page 57 - 61
File# 3066

LIMITED WARRANTY DEED

No Conveyance Tax Collected
Mary Markham
Town Clerk of Trumbull

KNOW ALL PERSONS BY THESE PRESENTS THAT:

ST. JOSEPH HIGH SCHOOL PROPERTIES, LLC, a Connecticut limited liability company with offices at 238 Jewett Avenue, Bridgeport, Connecticut 06606 ("**Grantor**"), for good and valuable consideration received to its full satisfaction of **SJHS REALTY, LLC**, a Connecticut limited liability company with offices at 2320 Huntington Turnpike, Trumbull, Connecticut 06611 ("**Grantee**"), does hereby give, grant, bargain, sell and convey unto Grantee, its successors and assigns forever, all that certain piece or parcel of land more particularly set forth and described on Exhibit A attached hereto and made a part hereof, together with all improvements and fixtures thereon and all easements, covenants and rights appurtenant thereto (the "**Premises**").

TO HAVE AND TO HOLD the Premises hereby conveyed, with the appurtenances thereof, to Grantee and unto Grantee's successors and assigns forever, to its and their own proper use and behoof.

AND ALSO, Grantor does, for itself and its successors and assigns, covenant with Grantee, its successors and assigns, that the Premises are free from all encumbrances made or suffered by Grantor, except as is set forth in Exhibit A attached hereto and made a part hereof.

AND FURTHERMORE, Grantor does by these presents bind itself and its successors and assigns forever, to warrant and defend the Premises hereby conveyed to Grantee, its successors and assigns against the claims and demands made or suffered by Grantor, except as aforesaid, but against none other.

[Signature follows on next page.]

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IN WITNESS WHEREOF, Grantor has executed this instrument this 29th day of September, 2020.

Witnesses:

Debra Charles
Print Name: Debra Charles

Print name: Andrew Scholz

Grantor:

ST. JOSEPH HIGH SCHOOL PROPERTIES LLC

By: Most Reverend Frank J. Caggiano
Most Reverend Frank J. Caggiano
Its Authorized Signatory

STATE OF CONNECTICUT)
) ss.: Bridgeport
COUNTY OF FAIRFIELD)

The foregoing instrument was acknowledged before me this 29th day of September, 2020 by Most Reverend Frank J. Caggiano, authorized signatory of St. Joseph High School Properties LLC, on behalf of the limited liability company.

Debra A. Tietjen
~~Commissioner of Superior Court~~
Notary Public
My commission expires:

DEBRA A. TIETJEN
NOTARY PUBLIC
State of Connecticut
My Commission Expires
October 31, 2023

Signature Page to
Limited Warranty Deed

Exhibit A to Limited Warranty Deed

2262 Huntington Turnpike

ALL THAT CERTAIN piece or parcel of land, together with the buildings and all other improvements thereon, situated in the Town of Trumbull, County of Fairfield, and State of Connecticut, bounded and described as follows:

NORTH:	on land now or formerly of the Estate of David E. Plumb;
EAST:	on land now or formerly of Erwin S. Fairchild;
SOUTH:	on land now or formerly of Erwin S. Fairchild;
WEST:	on the highway known as Huntington Turnpike.

2310 Huntington Turnpike

ALL THAT CERTAIN piece or parcel of land, together with the buildings and all other improvements thereon, situated in the Town of Trumbull, County of Fairfield, and State of Connecticut, bounded and described as follows:

NORTHERLY:	by a line parallel to and 50 feet southerly of the southerly line of land now or formerly of Mary Viglione, 200 feet;
EASTERLY:	by land now or formerly of David N. Plumb, 219 feet, more or less;
SOUTHERLY:	by land now or formerly of John and Anna Vojtko, 184 feet, more or less;
WESTERLY:	by Huntington Turnpike, 143.60 feet.

2340 Huntington Turnpike

ALL THAT CERTAIN piece or parcel of land, together with the buildings and improvements thereon, situated in the Town of Trumbull, County of Fairfield, and State of Connecticut, bounded and described as follows:

Beginning at a point on the Easterly apparent street line of Huntington Turnpike where the Northerly boundary of land now or formerly of Albert and Mary Viglione intersects said apparent street line; thence along said street line bearing N 10° 50' 17" W for a distance of 202 feet; thence further along the following courses and distances:

S 79° 08' 40" W, 290.39 feet;
N 10° 02' 39" E, 142.17 feet;
N 60° 04' 10" E, 250.0 feet to the point or place of beginning.

Generally bounded and described as follows:

NORTHERLY: by land now or formerly of The Bridgeport Roman Catholic Diocesan Corp.;

EASTERLY: by land now or formerly of The Bridgeport Roman Catholic Diocesan Corp.;

SOUTHERLY: by land now or formerly of Albert and Mary Viglione;

WESTERLY: by Huntington Turnpike.

Said premises are conveyed subject to:

1. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.

2. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title, that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.

3. Any lien or right to lien, for services, labor or material heretofore or hereafter furnished for construction or repair of any buildings or improvements or site work performed by, through or on behalf of SJHS Realty, LLC and/or St. Joseph High School Inc.

4. All rights of St. Joseph High School Inc. as tenant only under an unrecorded lease dated July 1, 2018.

5. Real Estate Taxes to the Town of Trumbull on the List of October 1, 2019.

6. Water use charges to the Town of Trumbull as may be due and payable.

7. Sewer use and assessment charges as may be due and payable to the Town of Trumbull.

8. Nichols Fire District taxes as may be due and payable.

As to 2262 Huntington Turnpike:

9. Certificate of Assessment Lien and Certificate of Notice of Installment Payment of Assessment of Benefits in favor of the Town of Trumbull in the original principal amount of $28,895.50, dated June 20, 2013 and recorded in Volume 1639 at Page 486 of the Trumbull Land Records.

10. Trumbull W.P.C.A. Notice of Time to Connect dated December 28, 2012 and recorded in Volume 1622 at Page 3 of the Trumbull Land Records.

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As to 2310 Huntington Turnpike:

11. Certificate of Assessment Lien and Certificate of Notice of Installment Payment of Assessment of Benefits in favor of the Town of Trumbull in the original principal amount of $23,865.44, dated June 20, 2013 and recorded in Volume 1639 at Page 488 of the Trumbull Land Records.

12. Trumbull W.P.C.A. Notice of Time to Connect dated October 24, 2012 and recorded in Volume 1616 at Page 917 of the Trumbull Land Records.

As to 2340 Huntington Turnpike:

13. Certificate of Assessment Lien and Certificate of Notice of Installment Payment of Assessment of Benefits in favor of the Town of Trumbull in the original principal amount of $28,895.00, dated June 20, 2013 and recorded in Volume 1639 at Page 491 of the Trumbull Land Records.

TOWN CLERK OFFICE, TRUMBULL, CT
RECEIVED FOR RECORD OCT 01 2020
AT 332 M. ATTEST
TOWN CLERK

Doc ID: 005107470008 Type: LAN
Book 1827 Page 62 - 69
File# 3067

VOL 1827 PAGE 0062

3067

LIMITED WARRANTY DEED

No Conveyance Tax Collected
Mary Markham
Town Clerk of Trumbull

KNOW ALL PERSONS BY THESE PRESENTS THAT:

THE BRIDGEPORT ROMAN CATHOLIC DIOCESAN CORPORATION, a Connecticut non-stock corporation with offices at 238 Jewett Avenue, Bridgeport, Connecticut 06606 ("**Grantor**"), for good and valuable consideration received to its full satisfaction of **SJHS REALTY, LLC**, a Connecticut limited liability company with offices at 2320 Huntington Turnpike, Trumbull, Connecticut 06611 ("**Grantee**"), does hereby give, grant, bargain, sell and convey unto Grantee, its successors and assigns forever, all that certain piece or parcel of land more particularly set forth and described on Exhibit A attached hereto and made a part hereof, together with all improvements and fixtures thereon and all easements, covenants and rights appurtenant thereto (the "**Premises**").

TO HAVE AND TO HOLD the Premises hereby conveyed, with the appurtenances thereof, to Grantee and unto Grantee's successors and assigns forever, to its and their own proper use and behoof.

AND ALSO, Grantor does, for itself and its successors and assigns, covenant with Grantee, its successors and assigns, that the Premises are free from all encumbrances made or suffered by Grantor, except as is set forth in Exhibit A attached hereto and made a part hereof.

AND FURTHERMORE, Grantor does by these presents bind itself and its successors and assigns forever, to warrant and defend the Premises hereby conveyed to Grantee, its successors and assigns against the claims and demands made or suffered by Grantor, except as aforesaid, but against none other.

[Signature follows on next page.]

106410830.2

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IN WITNESS WHEREOF, Grantor has executed this instrument this 29th day of September, 2020.

Witnesses:

Debra Charles
Print Name: Debra Charles

Print name: Andrew Schultz

Grantor:

THE BRIDGEPORT ROMAN CATHOLIC DIOCESAN CORPORATION

By: Frank Caggiano
Most Reverend Frank J. Caggiano
Its President

STATE OF CONNECTICUT)
) ss.: Bridgeport
COUNTY OF FAIRFIELD)

The foregoing instrument was acknowledged before me this 29th day of September, 2020 by Most Reverend Frank J. Caggiano, President of The Bridgeport Roman Catholic Diocesan Corporation, on behalf of the corporation.

Debra A. Tietjen
~~Commissioner of Superior Court~~
Notary Public
My commission expires: DEBRA A. TIETJEN ~~NOTARY PUBLIC~~ State of Connecticut My Commission Expires October 31, 2023

Signature Page to
Limited Warranty Deed

Exhibit A to Limited Warranty Deed

2320 Huntington Turnpike

First Piece:

ALL THAT CERTAIN piece or parcel of land, together with the buildings and all other improvements thereon, situated in the Town of Trumbull, County of Fairfield, and State of Connecticut, more particularly bounded and described as follows:

Beginning at a point on the easterly apparent street line of Huntington Turnpike where the northerly boundary of Stanley and Angeline Wojtowicz intersects said apparent street line; thence along said street line bearing N 10° 34' 49" W for a distance of 52.10 feet; thence further along the following courses and distances:

N 63° 04' 10" E, 250.00 feet;
N 10° 34' 49" W, 104.21 feet;
N 10° 02' 39" E, 142.17 feet;
S 79° 08' 40" W, 290.39 feet to apparent street line of Huntington Turnpike;
N 08° 53' 01" W, 50.03 feet along the apparent street line of Huntington Turnpike;
N 79° 08' 40" E, 297.52 feet;
N 10° 51' 20" W, 181.76 feet;
N 14° 46' 28" E, 243.21 feet;
N 83° 54' 40" E, 87.77 feet;
N 61° 51' 37" E, 155.04 feet;
S 78° 13' 04"E, 212.45 feet;
S 78° 29' 21" E, 210.32 feet;
S 80° 24' 30" E, 48.85 feet;
S 78° 16' 00" E, 54.68 feet;
S 71° 46' 07" E, 12.47 feet;
N 30° 40' 06" E, 167.94 feet;
N 33° 53' 37" E, 97.57 feet;
N 30° 42' 14" E, 34.02 feet;
N 24° 48' 11" E, 99.05 feet;
N 62° 02' 05" W, 313.71 feet;
N 15° 38' 45" E, 253.07 feet;
S 74° 13' 33" E, 560.02 feet;
N 19° 40' 19" E, 182.66 feet;
N 87° 19' 55" E, 625.77 feet;
S 06° 01' 15" W, 285.73 feet;
S 14° 37' 24" W, 207.59 feet;
S 45° 44' 30" E, 456.21 feet;
S 38° 09' 22" E, 54.00 feet;
S 39° 18' 24" W, 39.70 feet;
S 29° 55' 19" E, 204.00 feet;
S 83° 43' 29" E, 20.49 feet;
S 44° 51' 43" E, 64.54 feet;
S 33° 16' 26" E, 29.02 feet;
S 62° 57' 46" E, 34.74 feet
S 76° 29' 09" E, 194.79 feet;
S 84° 16' 59" E, 289.52 feet;
N 87° 28' 46" E, 281.49 feet;
N 85° 12' 41" E, 167.22 feet;
S 33° 15' 13" E, 38.84 feet;

S 12° 48' 50" W, 539.75 feet;
S 00° 04' 29" W, 328.02 feet;
S 44° 13' 25" W, 58.44 feet;
N 84° 56' 05" W, 344.23 feet;
S 29° 36' 48" W, 613.24 feet;
N 42° 58' 00" W, 107.02 feet;
N 38° 58' 11" W, 579.00 feet;
S 28° 01' 46" W, 270.00 feet;
N 66° 31' 57" W, 1181.13 feet;
N 62° 13' 41" W, 238.46 feet;
N 59° 48' 09" W, 195.67 feet;
N 86° 44' 38" W, 515.50 feet;
S 86° 42' 37" W, 74.93 feet;
N 07° 00' 38" W, 145.93 feet;
N 10° 34' 49" W, 75.00 feet;
S 63° 04' 10" W, 200.00 feet to the point or place of beginning.

Said courses and distances are more fully shown on a certain map entitled, "Map of Survey of Property in Trumbull, Conn. for The Bridgeport Roman Catholic Diocesan Corporation dated April 10, 1962", prepared by Fuller and Company, Inc., Engineers and Surveyors, 1301 Wood Avenue, Bridgeport, Connecticut, which map is filed in the Trumbull Town Clerk's Office.

Said premises are further described as follows:

NORTHERLY:	on land now or formerly of Albert and Mary Viglione, 250 feet;
WESTERLY:	on land now or formerly of Albert and Mary Viglione, 104.21 feet, in part, and in part on other land now or formerly of Chris Bargas, 142.17 feet;
SOUTHERLY:	on said other land now or formerly of Chris Bargas, 290.39 feet;
WESTERLY AGAIN:	on Huntington Turnpike, 50.03 feet;
NORTHERLY AGAIN:	on said other land now or formerly of Chris Bargas, 297.52 feet;
WESTERLY AGAIN:	on said other land now or formerly of Chris Bargas, 181.76 feet;
WESTERLY AGAIN:	on land now or formerly of Charles and Catherine Denny, 243.21 feet;
NORTHERLY AGAIN:	on land now or formerly of Walter A. and Katherine Pelletier, 781.58 feet, by a broken line;
WESTERLY AGAIN:	on said land now or formerly of Walter A. and Katherine Pelletier, 398.58 feet, by a broken line;
SOUTHERLY AGAIN:	on said land now or formerly of Walter A. and Katherine Pelletier, 313.71 feet;
WESTERLY AGAIN:	on said land now or formerly of Walter A. and Katherine Pelletier, 253.07 feet;
NORTHERLY AGAIN:	on land now or formerly of Isabel Hockheiser, 560.02 feet;
WESTERLY AGAIN:	on said land now or formerly of Isabel Hockheiser, 182.66 feet;
NORTHERLY AGAIN:	on land now or formerly of Irving Hockheiser, 625.77 feet;

EASTERLY:	on land now or formerly of Charles Kazo, in part; and in part on land now or formerly of Charles Keoshgerian, 285.73 feet;
EASTERLY AGAIN:	on said land now or formerly of Charles Keoshgerian, 207.59 feet;
NORTHERLY AGAIN:	on said land now or formerly of Charles Keoshgerian, in part, and in part on land now or formerly of Theodore and Clarence Cooper, in all, 510.21 feet;
EASTERLY AGAIN:	on said land now or formerly of Theodore and Clarence Cooper, 39.70 feet;
NORTHERLY AGAIN:	on said land now or formerly of Theodore and Clarence Cooper, 547.58 feet, by a broken line;
NORTHERLY AGAIN:	on land now or formerly of Minnie Rosewitz, 777.07 feet, by a broken line;
EASTERLY AGAIN:	on land now or formerly of The Bridgeport Hydraulic Company, 926.21 feet, by a broken line;
SOUTHERLY AGAIN:	on land now or formerly of Elizabeth Vorhees, 344.23 feet;
EASTERLY AGAIN:	on said land now or formerly of Elizabeth Vorhees, 613.24 feet;
SOUTHERLY AGAIN:	on land now or formerly of Raymond L. Foote, 686.02 feet;
EASTERLY AGAIN:	on said land now or formerly of Raymond L. Foote, 270 feet;
SOUTHERLY AGAIN:	on land now or formerly of Lester A. Nothnagle, Jr., 1181.13 feet;
SOUTHERLY AGAIN:	on land now or formerly of Isolina Lopez, in part, and in part on land now or formerly of William and Stella Johnson, in all, 434.13 feet;
SOUTHERLY AGAIN:	on said land now or formerly of William and Stella Johnson, in part, and in part on land now or formerly of John and Anna Vojtko, in all, 590.43 feet;
WESTERLY AGAIN:	on land now or formerly of Stanley and Angeline Woitowicz, 220.93 feet;
SOUTHERLY AGAIN:	on land now or formerly of Stanley and Angeline Woitowicz, 200 feet;
WESTERLY:	on Huntington Turnpike, 52.10 feet.

Second Piece:

ALL THAT CERTAIN piece or parcel of land, together with the buildings and improvements thereon, situated in the Town of Trumbull, County of Fairfield, and State of Connecticut, and bounded and described as follows:

NORTH:	by land formerly of Casy Bonitatebus, now or formerly of The Trumbull Development Company;
EAST:	by land now or formerly of Lester A. Nothnagle, Jr.;
SOUTH:	by land now or formerly of Frederick G. and Shirley Church;
WEST:	by land now or formerly of Manuel Lopez, et al, 560 feet, more or less.

LESS AND EXCEPTING THEREFROM that certain parcel of land situated in the Town of Trumbull, County of Fairfield, and State of Connecticut, conveyed to Irongate Associates, Inc. by Warranty Deed dated June 21, 1989 and recorded in Volume 690 at Page 104 of the Trumbull Land Records, and shown and designated on a certain map entitled, "MAP SHOWING LAND TO BE CONVEYED FROM BRIDGEPORT ROMAN CATHOLIC DIOCESAN CORPORATION TO IRONGATE ASSOCIATES IN TRUMBULL, CONNECTICUT, JUNE 8, 1989, SCALE 1"=100'", prepared by Spath-Bjorklund Associates, Inc., Consulting Engineers & Surveyors, Monroe, Connecticut, and certified as a Class "A-2" Survey by Charles S. Spath, Sr., which map is filed in the Trumbull Town Clerk's Office.

2328 Huntington Turnpike

ALL THAT CERTAIN piece or parcel of land, together with the buildings and improvements thereon, situated in the Town of Trumbull, County of Fairfield, and State of Connecticut, and more particularly bounded and described as follows, to wit:

WESTERLY:	On highway formerly called Huntington Turnpike, 100 feet;
NORTHERLY:	On land now or formerly of Andrew Nagy, 250 feet;
EASTERLY:	By land formerly of Albert Viglione, 100 feet;
SOUTHERLY:	On land now or formerly of Ermine N. Sherman, 250 feet.

Said premises are conveyed subject to:

1. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.

2. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title, that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.

3. Any lien or right to lien, for services, labor or material heretofore or hereafter furnished for construction or repair of any buildings or improvements or site work performed by, through or on behalf of SJHS Realty, LLC and/or St. Joseph High School Inc.

4. All rights of St. Joseph High School Inc. as tenant only under an unrecorded lease dated July 1, 2018.

5. Real Estate Taxes to the Town of Trumbull on the List of October 1, 2019, and subsequent lists.

6. Water use charges to the Town of Trumbull as may be due and payable.

7. Sewer use and assessment charges as may be due and payable to the Town of Trumbull.

8. Nichols Fire District taxes as may be due and payable.

As to 2320 Huntington Turnpike:

9. Certificate of Assessment Lien and Certificate of Notice of Installment Payment of Assessment of Benefits in favor of the Town of Trumbull in the original principal amount of $24,839.00, dated June 20, 2013 and recorded in Volume 1639 at Page 489 of the Trumbull Land Records.

10. Right of way reserved in a deed dated April 19, 1961 and recorded in Volume 141 at Page 559 of the Trumbull Land Records.

11. Special Exception granted by the Town of Trumbull Zoning Board of Appeals recorded September 15, 1983 in Volume 500 at Page 135 of the Trumbull Land Records.

12. Special Exception granted by the Town of Trumbull Zoning Board of Appeals recorded October 20, 19883 in Volume 504 at Page 159 of the Trumbull Land Records.

13. Variance granted by the Town of Trumbull Zoning Board of Appeals recorded May 18, 1984 in Volume 521 at Page 29 of the Trumbull Land Records.

14. Slope rights and drainage rights set forth in a deed dated June 21, 1989 and recorded in Volume 690 at Page 104 of the Trumbull Land Records.

15. Special Exception granted by the Town of Trumbull Zoning Board of Appeals recorded October 26, 2006 in Volume 1405 at Page 372 of the Trumbull Land Records.

16. Special Permit granted by the Town of Trumbull Zoning Board of Appeals recorded August 1, 2011 in Volume 1569 at Page 578 of the Trumbull Land Records.

17. Special Permit granted by the Town of Trumbull Planning and Zoning Commission recorded March 1, 2017 in Volume 1737 at Page 494 of the Trumbull Land Records.

As to 2328 Huntington Turnpike:

18. Certificate of Assessment Lien and Certificate of Notice of Installment Payment of Assessment of Benefits in favor of the Town of Trumbull in the original principal amount of $20,782.50, dated June 20, 2013 and recorded in Volume 1639 at Page 490 of the Trumbull Land Records.

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19. The effect, if any, of conditions and right of way set forth in a deed dated June 1, 1942 and recorded in Volume 53 at Page 433 of the Trumbull Land Records.

TOWN CLERK OFFICE, TRUMBULL, CT
RECEIVED FOR RECORD OCT 01 2020
AT 334 M. ATTEST TOWN CLERK

Paul J. Jaehnig *Wetlands and Soils Consulting*

Wetlands Survey

The St. Joseph High School Site
2320 Huntington Turnpike

Trumbull, CT

Approx. 44 –Acres Area

Prepared for

Saint Joseph High School

Sept. 30, 2015





15SaintJosephHS.trumbullCTwlrep

P.O. Box 1071 *Ridgefield, CT 06877* *tel. / fax. (203) 438-9993*

Introduction

A wetland investigation was completed on Oct. 17, 2014 on property identified as Saint Joseph High School on 2320 Huntington Turnpike, in Trumbull, CT by Paul J. Jaehnig, Certified Professional Geologist, Soil Scientist, and Wetland Scientist. The work consisted of the taking of soil borings to identify the presence of wetland or hydric soils and the delineation of the wetland boundary. The work was conducted in accordance with the Town of Trumbull Wetland Law. The work was done at the request of the client and property owner, Saint Joseph High School. At the request of the client, this wetland report was prepared Sept. 30, 2015 to accompany the enclosed *Wetland and Soils Map* completed during the Oct. 2014 study.

Site Description

The site is an approx. 40 acres area property situated on the east side of Huntington Turnpike. Applegate Lane borders close to the northeast side of the site, Copper Kettle Road borders the central-southern side of the site, and Isinglass Terrace borders the northwest side of the site. The site consists of: a school facility; surrounding athletic fields, tennis courts, two associated residentially used buildings; lawn area; parking areas and access drives; woodlands; and wetlands (see enclosed *Wetland and Soils Map* and *photos 1-24* in Appendix I).

Slopes vary from very gentle and nearly level to steep-sloping. Most of the site is very gently sloping to nearly level. Steep sloped areas are generally confined to the outer edges of the high school facility area, more particularly on the central-southern and southwestern edges of the site. A steep sloped area is also on the northeast-central portion of the site. Land covering much of the site, with the exception of those areas near the property line, has topography modified by past man-made activity such as soil cut, fill, and machine grading. This was carried-out during the development of the site.

The school facility is located in the southwest portion of the site (see *photos 1-3* in Appendix I). Vehicle access into the site is via Huntington Turnpike. The school access has two points of contact with Huntington Turnpike, so as the have one-way traffic flow. Parking for vehicles is provided in front of the school building, as well as, next to the soccer and football fields in the western-central portion of the site.

Lawn area covers lands adjacent to school, parking areas, and athletic fields. A small area of meadow occurs near the central-northern portion of the site, just to the north of the football field, where mowing is seldom carried-out. Goldenrod, asters, brambles, and tall grasses grow in this area.

Non-wetland woodlands are on the northwest, eastern, southeastern, and southwest edges of the site (see *photos 4 & 5* in Appendix I). Woodlands have a tree canopy of Sugar Maple, Tulip, White Oak, Black Birch, and Beech. The understory is generally open. Some Winged Euonymus, Barberry make up the shrub understory in some woodland areas. Sweet Pepperbush shrubs may be found in woodland areas adjacent to wetlands. The tree canopy is typically tall and shady on the northern, eastern, and southwest portions of the site. A young canopy of Black Birch trees grow in the woodlands near the

southeast edge of the site. Raspberries and Bramble growth may be along some woodland borders. Garlic Mustard and Christmas Ferns are the main herbaceous plants on the woodland floor. Twig and leaf litter covers the woodland floor. A few large boulders are noted in some of the woodlands.

Wetlands

Introduction

The wetland boundary was marked in the field with consecutively numbered flagging labeled (WL-A-1, WL-A-2, etc.). The wetland boundary was plotted on the enclosed *Wetland and Soils Map*. Eleven (11) separate wetland areas were identified and labelled for discussion purposes as: wetland areas WL-"A" to "K". Wetlands in the study area include: wetland area WL-"A" - a large and level swampland; wetland area WL-"B" – a smaller, irregularly-shaped depression wetland; wetland area WL-"C" – a large and nearly level swampland; wetland area WL-"D"- a very small, oval-shaped, depression wetland; and wetland area WL-"E"- a small, elongate wet meadow area; wetland area WL-"F"- a gently sloped to locally level narrow swampland with an associated drainage course; wetland areas WL-"G", "H", and "I"- three small associated depression wetlands; wetland area WL-"J"- a small depression wetland; and wetland area WL-"K" a narrow, nearly level swampland with an associated brook. Many of the wetland areas on the site have some degree of past man-made disturbance.

Wetland WL-"A"

Wetland Description

Wetland WL-"A" is a large, level swampland located on the northern and northeast portions of the site (see *photo 6* in Appendix I). Wetland WL-"A" was larger in area, and contiguous with wetlands WL-"C", prior to construction of a berm. Wetland WL-"A" was also contiguous with wetland WL-"F" prior to construction of the athletic field (see enclosed *Regional Drainage Map* in Appendix II). Wetland WL-"A" is approx. 1200 ft. long in a north to south direction, and 300 to 500 ft. across in an east to west direction. About midway along the length the wetland is at its narrowest of less than 100 ft. across.

Wetland WL-"A" is very poorly drained and has well developed micro-topography. Shallow ponded water often pools in the large slight concave areas across the wetland. At wetter periods of the year large portions of the wetland floor may be inundated. At droughty periods of the year slightly concave portions of the wetland will have no pooled water. Drainage is directed in a southerly direction across the wetland. Excess surface water collecting at the southwest end of the wetland may be piped southwest under the athletic field and discharged into wetland WL-"F" along the central-southern end of the site. To the north of the site, excess drainage from a man-made pond drains south into the northern end of wetland WL-"A".

The wetland has some past man-made disturbances. The natural drainage between wetland WL-"A" and "C" has been restricted with the placement of an earth berm with drainage control structure between them. The natural drainage between wetland WL-"A" and "F" has been altered from one of an open channel to a piped system. There has also been past excavation along the southwest side of wetland WL-"A" to control the flow of

drainage. A vernal pool area has been created along this southwest area of the wetland due to past excavation (see *photo 7* in Appendix I). In this area, spanning an area 180 ft. length and 10 to 15 ft. across, small concave pockets provide areas for shallow water to collect. Past excavation, as well as, fill soil placement and grading, appears to have been also carried-out midway along the length of the wetland, where an old travel-way may have been located. Man-made debris is scattered across the western and southwestern edge of the wetland, general at the base of the slope adjacent to the athletic field area (see *photo 8* in Appendix I). The natural drainage channel flowing from the wetland WL-"A" to wetland WL-"F" has been modified with the placement of drainage pipe, which goes under the athletic fields (see *photo 9* in Appendix I).

Wetland WL-"A" has a vegetative cover consisting of: a shady tree canopy of Red Maples with commonly buttressed roots, as well as, very shallow and exposed roots; a shrub understory of sometimes dense Sweet Pepperbush, Spicebush, High-bush Blueberry, few Winterberry, and a few Winged Euonymus; and herbaceous growth of Skunk Cabbage, Cinnamon Fern, Royal Fern, few Tussock Sedge; and Sensitive Fern. Poison Ivy dots the outer portions of the wetland; Sphagnum Moss commonly blankets slight convex areas with shrubs and herbaceous growth. Jewelweed may grow in small areas of the wetland where there is a break in the tree canopy. Multiflora Rose shrubs grow as hedges along the edges of the some of the southwest side of the wetland. Many of the concave areas of the wetland floor are un-vegetated and often are covered with matted leaves.

Wetland Buffers
Wetland WL-"A" is buffered by: gently sloped woodlands on the northwest and northeast sides; some gently sloped woodlands backing up to residential lands on the east side; a steep sloped fill soil and boulder embankment to the athletic field on the southwest and southern sides; an earthen berm on the southeast side; and a man-made pond backing up to residential properties to the north.

Wetland Functions
Wetland WL-"A" provides the following wetland functions: a large groundwater recharge function because of its level, concave profile and micro-topography development, and its restricted drainage outlet; an important storm-water and flood control because of its level, concave profile and micro-topography development, and its restricted drainage outlet; and large wildlife habitat area to be used by frogs, songbirds, as well as, browsing coyote, raccoon, and deer.

Wetland WL-"B"
Wetland Description
Wetland WL-"B" is a nearly level, slightly concave depression wetland located on the northwest corner of the site (see *photo 10* in Appendix I). Wetland WL-"B" is approx. 400 ft. long in an east to west direction, and between 10 ft. and 100 ft. wide in a north to south direction. The western side of the wetland is widest, at approx. 100 ft. From here, the wetland area extends to the northeast and east, forming narrower "finger like" projections.

Wetland WL-"B" is very poorly drained and poorly drained. The western portion of the wetland is very poorly drained, and the central and eastern portions poorly drained. At wetter periods of the year, shallow pooled water may collect in depressions, particularly in the western portion of the wetland. Micro-topography is well developed on many areas of the western portion of the wetland, but little to un-developed across the central and eastern portions of the wetland. A small vernal pool is located within in an area approx. 30 to 40 ft. across, in the level, mainly un-vegetated central-western portion of the wetland. Wetland WL-"B" appears to be hydrologically "isolated" in that there is no obvious natural surface drainage channel flowing into or from the wetland. Should surface drainage build-up sufficiently at the western end of the wetland, excess surface drainage may be directed easterly toward the narrower, very gently sloped portion of the wetland. Such surface flow appears to lose its flow pace and is soon dissipated within the limits of the wetland.

Wetland WL-"B" shows evidence of past man-made disturbance. Excavation to deepen the wetland area is noted on the northwest side of the wetland. Edges along the southwest side of the wetland have placed loose cobbles and fill soil to build up the adjacent land bordering the wetland. Some excavation and berm construction has also been carried-out along the central portion of the wetland. These man-made disturbances were likely carried-out to control natural drainage conditions. Whether the intention of the disturbances was to collect and retain drainage or to remove drainage is unclear.

Wetland WL-"B" has a vegetative cover consist of; few Red maples with buttressed or shallow roots; common shrub understory of Sweet Pepperbush and Spicebush Shrubs; and sparse herbaceous growth of Skunk Cabbage, Jack-in-the-Pulpit; Sensitive and Cinnamon Ferns, few Tussock Sedges. The tree canopy is thin and some trees have been overturned. The shrub understory is confined more to the outer portions of the western end of the wetland, but cover more of the central and eastern portions of the wetland. Sphagnum Moss covers some of the convex portions of wetland floor. Poison Ivy groundcover dot outer portions of the wetland.

Wetland Buffers
Wetland WL-"B" is buffered by gently sloped to nearly level woodlands.

Wetland Functions
Wetland WL-"B" functions mainly as a small groundwater recharge area because of its concave profile and lack of surface drainage outlet. The wetland provides opportunities for small frogs, particularly in the wetter western portion of the wetland. Deer, raccoon, and coyote frequently browse this wetland area.

Wetland WL-"C"
Wetland Description
Wetland WL-"C" is a nearly level to very gently swampland located along the eastern edge of the site (see *photo 11* in Appendix I). Wetland WL-"C" extends to the east and southeast beyond the site for a couple of acres. The wetland drains toward the northwest.

Wetland WL-"C" is very poorly drained and poorly drained. Micro-topography is well developed on the northern end of the wetland, and weakly developed toward the southern end of the wetland. At wetter periods of the year small areas of pooled water collect in the concave areas across the northern end of the wetland. Excess drainage build up in the wetland is relieved by an outlet control structure placed midway along the earth berm on the north end of the wetland (see *photos 12 & 13* in Appendix I). This drainage flows into the southeast end of wetland WL-"A".

Wetland WL-"C" has been locally previously disturbed by past man-made work, largely carried-out in the construction of the earth berm. Prior to this berm wetland WL-"A" and "B" were contiguous.

The vegetative cover of wetland WL-"C" consists of: tree canopy of Red Maple with buttressed shallow and exposed roots; shrub understory of Spicebush and Sweet Pepperbush, Viburnum, High-Bush Blueberry, and few Multiflora Rose; and herbaceous growth of Sensitive Fern, Cinnamon Fern, Skunk Cabbage. Poison ivy grows in outer portions of the wetland floor. Multiflora Rose hedges may be dense along the northeast edge of the wetland.

Wetland Buffers
Wetland WL-"C" is buffered by: the raised earth berm on the north side; a short embankment followed by residential land to the east; and gently sloped woodland to the west.

Wetland Functions
Wetland WL-"C" provides similar wetland functions as wetland WL-"A".

Wetland WL-"D"
Wetland Description
Wetland WL-"D" is a very small, depression wetland area, located along the eastern edge of the site (see *photos 14 & 15* in Appendix I). The wetland is almost circular in shape, and is only 20 ft. across.

Wetland WL-"D" is poorly drained. The wetland has no micro-topography development. The wetland hydrologically "isolated" in that no natural surface drainage course flows into or out of the wetland. Shallow puddles of water may collect in the wetland at wetter periods of the year, but more often, there is little puddled surface water for extended periods of time.

The wetland has been previously disturbed. Surrounding land has also been previously disturbed. Past disturbances include slight excavation and machine grading likely carried-out to obtain fill soil for development purposes.

The vegetative cover in wetland WL-"D" consists of: young Black Birch with shallow roots; Sweet Pepperbush shrub understory; and scattered Sensitive Fern herbaceous growth. Poison Ivy covers many areas of the wetland floor. Approx. of the wetland floor is un-vegetated. Multiflora Rose shrubs grow on the west edge of the wetland bordering the school property.

Wetland Buffers
Wetland WL-"D" is buffered by: nearly level to very gently sloped woodlands on all sides but the west. The landscape opens up to the level athletic field area of the school to the west.

Wetland Functions
Wetland WL-"D" functions primarily as a minor groundwater recharge area. Its value as an important or significant wildlife habitat area is limited due to the wetland's small area, poor vegetative diversity and density, relative separation from other wetland areas, and having a relatively "drier" end hydrologic condition.

Wetland WL-"E"
Wetland Description
Wetlands WL-"E" is a small and narrow wet meadow and depression wetland tucked along the edge of the athletic field on the southern end of the site (see *photos 16 & 17* in Appendix I). The wetland is approx. 200 ft. long in an east to west direction, and less than 10 to 20 ft. wide north to south. The wider eastern portion of the wetland is nearly level. The narrower, western portion of the wetland is generally level, but has been shaped into a swale (see *photo 18* in Appendix I).

Wetland WL-"E" is poorly drained. The wetland has no micro-topography development. The wetland appears to tie into the storm-water drainage system associated with the athletic field. At wetter periods of the year, should surface drainage build up in this wetland area and adjacent lawn area to a sufficient level, the drainage is directed into an adjacent catch basin and away from the immediate area. During droughty periods of the year, little or no puddled water is anticipated on the wetland surface.

The wetland area has been previously disturbed by man-made activity, including soil excavation and machine grading. This work was carried-out to in order control the sheet flow coming off of the adjacent athletic field.

Wetland WL-"E" has a vegetative cover of: Goat Willow; and herbaceous growth of Goldenrod, Wool Grass, Umbrella Sedge, Blister Sedge, Asters, Soft Rush, few Phragmites, and few Cattails. The herbaceous growth is concentrated on the wider eastern portion of the wetland, while the Goat Willow grows along the narrow swale on the western portion of the wetland.

Wetland Buffers
Wetlands WL-"E" is buffered by: a level athletic field to the north; sloped woodlands to the south.

Wetland Functions
Wetlands WL-"E" functions as a small groundwater recharge area because of its level, slight concave profile and restricted outlet. The lush herbaceous cover provides an attractive, small habitat area for butterflies and dragon flies.

Wetland WL-"F"
Wetland Description
Wetland WL-"F" is a gently sloped, locally nearly level, swampland with an associated watercourse, and is located in a wooded valley on the central-southern edge of the site (see *photo 19* in Appendix I). The wetland extends south and away from the site. Wetland WL-"F" likely was contiguous with wetland WL-"A" prior to construction of the athletic field. The wetland extends a number of acres to the south and away from the site. The wetland is approx. 90 to 100 ft. wide on the northern end, but widens to the south.

The wetland is poorly drained and very poorly drained. There is no micro-topography on the northern end of the wetland. Some weakly developed micro-topography is noted toward southern end of the wetland. A brook, with channel approx. 4 to 6 ft. wide and 1 ft. deep, begins at the north end of the wetland emerging from a boulder retaining wall. The brook drains south through the middle of the wetland. There is approx. 1 to 2 inches drainage flowing in the channel at this time. Near the northern end of the wetland, particularly near the brook, the wetland floor is covered with boulders, stones, and rip-rap. Numerous diffuse seeps and springs develop in the gently sloped northern end of the wetland and provide contributory drainage to the brook. There is an abandoned brook meander noted in the eastern portion of the wetland. Intermittent storm-water drainage from the school site is discharged into the north and northwest ends of the wetland (see *photo 20* in Appendix I).

Wetland WL-"F" has been previously disturbed by past man-made work including construction of a boulder retaining wall and rip-rap slope to support fill soil land for the school site. Such work likely reduced the area of the wetland and altered natural wetland flow to some extent.

Wetland WL-"F" has a vegetative cover consisting of: shady tree canopy of Red Maples with shallow and exposed roots; thin shrub understory of Spicebush and Viburnum; and herbaceous growth of Skunk Cabbage, Cinnamon and Sensitive Fern, and few Jack-in-the-Pulpit. Poison Ivy dots some outer portions of the wetland.

Wetland Buffers
Wetland WL-"F" is buffered by moderate to steep sloped woodlands on its east and west sides; a boulder retaining wall and rip-rap slope, followed by the nearly level land of the school site.

Wetland Functions
Wetland WL-"F" provides the following wetland functions: a groundwater discharge point because of it gently sloped profile; storm-water attenuation area for intermittent discharge from impervious areas on the school site; and habitat area for a variety of wildlife including deer, raccoon, songbirds, frogs, and coyote.

Wetlands WL-"G", "H", and "I"
Wetland Description
Wetlands WL-"G", "H", and "I" are three small depression wetlands located on the southwest cover of the site (see *photos 21 to 23* in Appendix I). These wetlands are closely adjacent to each other, and were likely contiguous prior to man-made disturbances. Wetland WL-"G" is somewhat irregular-shaped, an is approx. 70 ft. long in a northeast to southwest direction, and 30 ft. wide in a southeast to northwest direction. Wetland "H", located just to the west of wetland WL-"G", is approx. 30 ft. long in a northeast to southwest direction, and 10 to 15 ft. wide in a northwest to southeast direction. Wetland WL-"I", located just to the south of wetland WL-"G", is approx. 10 to 15 ft. across. These wetlands are separated from each other by small berms. The wetlands are slightly concave and have no micro-topography.

The wetland are poorly drained. The southern end of wetland WL-"G" has shallow ponded water. The standing water is approx. 10 to 15 ft. across at this time, but may expand during wetter periods of the year. The depth of the water is not known for sure, but it likely less than 1 to 2 ft. depth. Storm-water from the school paved access drive is collected in the drainage system and piped into the northwest end of the wetland WL-"G". Storm-water collected from Huntington Turnpike is directed into a stone-lined gutter and toward the southern end of wetland WL-"G" (see *photo 24* in Appendix I). Wetlands WL-"H" and "I" have no apparent surface drainage inlet or outlet. Except for the southern end of wetland WL-"G", these wetland areas have no standing water except during the wetter periods of the year. During the doughty periods of the year these wetlands may have a water table more than 1ft. below the surface.

Wetlands WL-"G", "H", and "I" have been disturbed by past man-made work including excavation and machine grading. Such work was carried-out to control storm-water drainage directed into this low elevation area. The southern end of wetland WL-"G" may have been previously excavated to form a small ornamental pond for the adjacent residence.

The northern portion of wetland WL-"G" has a vegetative cover of: few Red Maples with shallow roots; shrub understory of Sweet Pepperbush, Barberry, and Winged Euonymus; some Tear Thumb herbaceous growth. Poison Ivy dots the wetland floor. The southern end of wetland WL-"G" is un-vegetated. Wetland WL-"H" has a vegetative cover of: few Sweet Pepperbush shrubs; a sparse herbaceous cover of few Sensitive Fern. Matted leaves cover the floor of wetland WL-"H". Wetland WL-"I" is largely un-vegetated and covered in part with matted leaves.

Wetland Buffers
These wetland are buffered by residential land to the northeast, south, and east; some level woodland area to the southwest; an access drive to the north and northwest.

Wetland Functions
Wetland WL-"G" functions primarily as a small storm-water attenuation and retention area for adjacent paved roads because of its concave profile and absence of an outlet. Wetland WL-"G" provides some groundwater recharge function because of its slight concave profile and lack of a drainage outlet. Wetland provides some habitat area for wildlife. Small frogs may utilize the ponded water area.

Wetlands WL-"H" and WL-"I" both function as small groundwater recharge areas because of their slight concave profile and lack of a drainage outlet.

The small area and exposure to residential land and roadways significantly limits these wetlands as important wildlife habitat areas.

Wetland WL-"J"
Wetland Description
Wetland WL-"J" is a small, level depression wetland area located near the southwest edge of the site. The wetland is approx. 30 ft. across. The wetland has no micro-topography except that formed by boulders and stones, which cover over 50% of the ground. The wetland has no apparent surface drainage inlet or outlet.

Wetland WL-"J" is poorly drained. Puddled water may collect in the wetland at wetter periods of the year. During droughty times of the year the water table may be well over 1 ft. below the surface.

Wetland WL-"J" has been previously disturbed by man-made work carried-out in the area. This work was likely related to residential development, as well as, earlier agricultural activity, carried-out on the property.

Wetland WL-"J" has a vegetative cover consisting of: Red Maple tree canopy; a thin shrub understory of Spicebush.

Wetland Buffers
Wetland WL-"J" is buffered by nearly level rocky woodlands.

Wetland Functions
Wetland WL-"J" functions primarily as a small groundwater recharge area because of its level, slight concave profile and lack of surface drainage outlet. Its small area, poor vegetative diversity, and somewhat "drier" end hydrologic setting, limits this wetland as an important wildlife habitat area.

Wetland WL-"K"

Wetland Description

Wetland WL-"J" is a very gently sloped to nearly level swampland situated along the southwest edge of the site. The wetland extends to the west and north beyond the site. A small brook, approx. 1 to 2 ft. wide and less than 1 ft. deep, flows southerly through the wetland. There is approx. 0.5 inch deep water flowing in the brook at this time. The wetland has weakly developed micro-topography.

The wetland is poorly drained. The wetland floor is soggy due to common diffuse seeps and springs.

The wetland has been previously disturbed in order to control drainage. Some tree and shrub cover may have been removed. The wetland floor is locally uneven due to man-made disturbances.

Wetland WL-"K" has a vegetative cover of: thin shrub understory of few Spicebush, Barberry, and Multiflora Rose; lush herbaceous cover of Soft Rush, Skunk Cabbage, few Tussock Sedge, Goldenrod, and Sensitive Fern.

Wetland Buffers

Wetland WL-"K" is buffered on the west side by a fill slope with debris, followed by level residential property. On the east side the wetland is buffered by gentle to moderately steep sloped woodlands.

Wetland Functions

Wetland WL-"K" functions as a groundwater discharge area, providing contributory drainage to a feed a small watercourse. Small frogs may utilize the wetlands adjacent to watercourse. Small songbirds by nest and perch in the shrub and woodland areas along the eastern side of the wetland.

Regional Drainage

Drainage on the site is ultimately directed southerly, away from the site, primarily via the watercourse associated with wetland WL-"F". The drainage continues along this watercourse, in a south to southwest direction, flowing into the southern end of Pinewood Lake, approx. 0.5 mile west to southwest of the school (see *Regional Drainage Map* in Appendix II). Pinewood Lake drains southwesterly, ultimately flowing to the Pequonnock River.

Soils

Shallow soil borings were taken using a spade and Dutch auger at selected locations throughout the site in order to identify wetland soils. Soil boring locations (SS-1, SS-2, etc.) were plotted approx. on the enclosed *Wetland and Sols Map*. Soil borings were logged noting color, texture, and redoximorphic features such as mottling. The color descriptions of the soils were keyed to the Munsell Color Notation. Detailed descriptions of soil borings are provided in Appendix III.

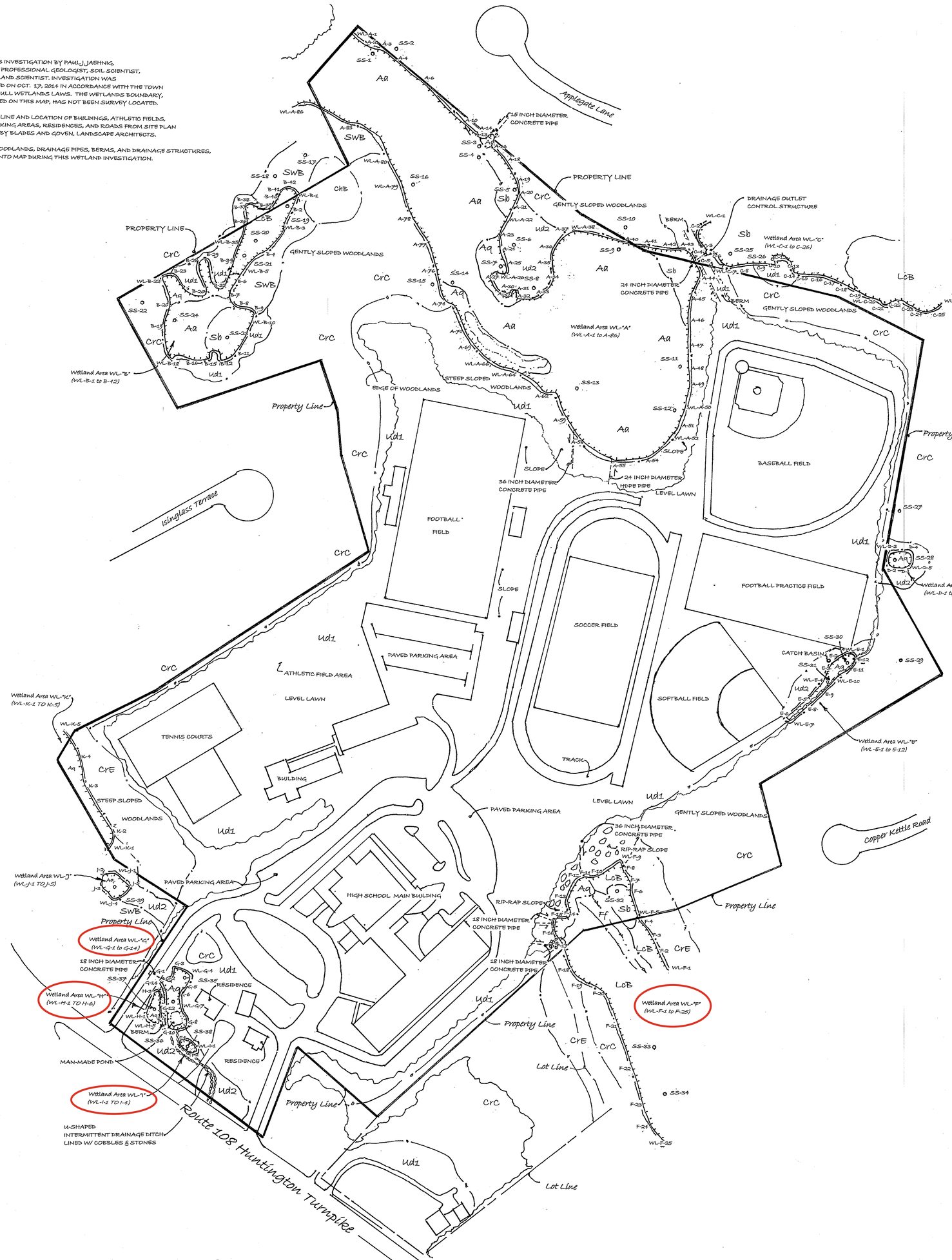
Soils encountered in the study area include: non-wetland, well drained Charlton very stony fine sandy loam and loam (ChB), slopes 3 to 8 %, in the undisturbed, gently sloped woodland areas on the northern portion of the site; non-wetland, well drained Charlton-Hollis fine sandy loam, very rocky (CrC), slopes 3 to 15 %, in the undisturbed, gently sloped woodlands on many outer portions of the site; non-wetland, well drained Charlton-Hollis fine sandy loam, very rocky (CrE), slopes 15 to 45%, in the undisturbed, steep-sloped woodlands on the southwest and some southern portions of the site; non-wetland, moderately well drained Sutton very stony loam (SwB), slopes 3 to 8%, in the undisturbed, gently woodlands areas sometimes bordering wetlands on the northern and southwestern portions of the site; non-wetland, well drained Udorthents cut, fill, and graded soil (Ud1), slopes varied, to describe soil areas, where man-made grading work has been carried-out, as part of the past development work on the site, around the school facility, surrounding lawn areas, along the drives, and some woodland areas; non-wetland, moderately well drained Udorhents (Ud2), slopes varied, to describe areas of past man-made disturbance adjacent to wetland areas; wetland, very poorly drained Adrian muck (Aa), slopes 0 to 1 %, in the undisturbed core portions of wetlands WL-"A"; wetland, poorly drained Aquents soils (Aq), slopes 0 to 3 %, to describe wetland areas previously disturbed by man; wetland, very poorly-drained Fluvaquents (Ff), slopes 0 to 1 %, to describe wetland areas with young or recent soils formed along the active drainage course of wetland WL-"F"; wetland, poorly-drained Leicester loam (LcB), slopes 3 to 8 %, in the undisturbed, gently sloped wetland areas; and wetland, very poorly drained Saco silt loam (Sb), slopes 0 to 1 %, in the undisturbed, level core portions of wetlands WL-"B", "C" and "F". The site distribution of these soil-types is depicted on the enclosed *Wetland and Soils Map.*

MAP NOTES:

1. WETLANDS INVESTIGATION BY PAUL J. JAEHNIG, CERTIFIED PROFESSIONAL GEOLOGIST, SOIL SCIENTIST, AND WETLAND SCIENTIST. INVESTIGATION WAS COMPLETED ON OCT. 17, 2014 IN ACCORDANCE WITH THE TOWN OF TRUMBULL WETLANDS LAWS. THE WETLANDS BOUNDARY, AS DEPICTED ON THIS MAP, HAS NOT BEEN SURVEY LOCATED.

2. PROPERTY LINE AND LOCATION OF BUILDINGS, ATHLETIC FIELDS, PAVED PARKING AREAS, RESIDENCES, AND ROADS FROM SITE PLAN PREPARED BY BLADES AND GOVEN, LANDSCAPE ARCHITECTS.

3. EDGE OF WOODLANDS, DRAINAGE PIPES, BERMS, AND DRAINAGE STRUCTURES, PLOTTED ONTO MAP DURING THIS WETLAND INVESTIGATION.



KEY TO MAP

WL-A-1 / WL-A-2 / WL-A-3 — FLAGGED WETLAND BOUNDARY

SS-1 — SOIL BORING LOCATION

SOILS INFORMATION

NON-WETLAND SOILS

ChB	Charlton very stony fine sandy loam and loam well drained, slopes 3 to 8 %
CrC	Charlton-Hollis fine sandy loam, very rocky well drained, slopes 3 to 15 %
CrE	Charlton-Hollis fine sandy loam, very rocky well drained, slopes 15 to 45 %
SwB	Sutton very stony loam moderately well drained, slopes 3 to 8 %
Ud1	Udorthents, cut, fill, and graded soils well drained, slopes varied
Ud2	Udorthents cut, fill, and graded soils moderately well drained, slopes varied

WETLAND SOILS

Aa	Adrian muck very poorly drained, slopes 0 to 1 %
Aq	Aquents soils poorly drained, slopes 0 to 3 %
Ff	Fluvaquents soils very poorly drained, slopes 0 to 2 %
LoB	Leicester loam poorly drained, slopes 3 to 8 %
Sb	Saco silt loam very poorly drained, slopes 0 to 1 %

Ud1 / ChB — Soils Boundary

Wetland and Soils Map

The St. Joseph High School Site

2320 Huntington Turnpike

Trumbull, CT

Approx. 40 Acres Area

Prepared for
St. Joseph High School

Oct. 17, 2014

Prepared By
Paul J. Jaehnig- Wetlands and Soils Consulting
P.O. Box 1071 Ridgefield, CT 06877

Map Scale: 1 inch = ~~100~~ ft. NOT TO SCALE

A. DESIGN CRITERIA:

1. Erosion and sedimentation control measures have been located with consideration given to slopes, wetlands, and watercourses, and in accordance with the Connecticut "Guidelines for Soil Erosion and Sediment Control", of the Connecticut Council of Soil and Water Conservation, Latest Edition.
2. Temporary sediment traps are located throughout the project site where initial earth disturbance and ground shaping will be performed. These sediment basins have been sized in accordance with the "Guidelines for Soil and Sediment Control". All sediment traps/basins shall provide a minimum of 1.34 cubic yards of water storage per acre drained and shall be maintained until final stabilization of the contributing area.

B. INSTALLATION AND/OR APPLICATION PROCEDURES:

1. Erosion and sedimentation control devices shall be constructed in accordance with the project plans and specifications.

C. OPERATION, MAINTENANCE PROGRAM, INSPECTIONS:

1. Prior to any construction, a pre construction conference is to be held among the Design Engineer, the Owners, the Contractor, the Town Engineer, the Wetlands Enforcement Officer, and the Zoning Enforcement Officer to review the erosion and sedimentation control measures to be taken. The contractor shall be responsible for arranging the pre construction conference.
2. All revisions after approval has been granted shall be forwarded to the appropriate commissions and the City Engineer.
3. The City's zoning & wetlands departments shall receive written notification seventy–two hours before the start of any construction.
4. All erosion control measures associated with the construction are to be installed and maintained in accordance with the schedule and requirements. Additional control measures shall be installed during the construction period as necessary and required.
5. All soil erosion and sediment control measures must be installed before any construction activities.
6. Filter fabric/silt fence will be installed along the toe of all critical cut and fill slopes.
7. Sediment removed from control measures must be disposed of at a location approved by the design engineer that will not cause additional sedimentation to the surrounding area.
8. Qualified personnel (provided by the contractor) shall inspect disturbed areas of the construction activity that have not been finally stabilized, structure control measures, and locations where vehicles enter or exit the site at least once every seven (7) calendar days within 24 hours of the end of a storm that is 0.1 inches or greater. Where sites have been stabilized, such inspection shall be conducted at least once every month for three (3) months.
9. Disturbed areas and areas used for storage of materials that are exposed to precipitation shall be inspected for evidence of, or the potential for, pollutants entering the drainage system. Erosion and sediment control measures shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters. Locations where vehicles enter or exit the site shall be inspected for evidence of off–site sediment tracking.
10. Based on the results of this inspection, the description of potential sources and pollution prevention measures identified in the plan shall be revised as appropriate or as soon as practicable after such inspection. Such modifications shall provide for timely implementation of any changes to the site within 24 hours and implementation of any changes to the plan within three (3) calendar days following the inspection. The plan shall be revised and the site controls updated in accordance with sound engineering practices, the Guideline and Subsections (4) and (6) (c) i 3) of the Storm Water General Permit.
11. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, the date(s) of the inspection, major observations relating to the implementation of the Storm Water Pollution Control Plan and actions taken shall be made and retained as part of the plan for at least three (3) years after the date of inspection. The report shall be signed by the contractor, or his authorizing representative.

D. BEST MANAGEMENT PRACTICES:

1. Construction shall proceed in accordance with the requirements of the general sequence of grading and construction activities, application of soil erosion and sediment control measures, and final stabilization of site as indicated on the plans.
2. Refueling of equipment or machinery within twenty–five (25) feet of any wetland or watercourse shall be allowed only by direction of the Engineer.
3. No materials resulting from construction activities shall be placed in or contribute to the degradation of an adjacent wetland or watercourse. Disposal of any material shall be in accordance with Connecticut General Statutes including, but not limited to, Sections 22A–207 through 22A–209.
4. When dewatering is necessary, pumps shall not discharge directly into the wetlands or watercourse. Prior to dewatering the contractor must submit to the Engineer a written proposal for specific methods and devices to be used, and obtain the Engineer's approval of such method and devices to be used for dewatering activities including, but not limited to, pumping the water into a temporary sedimentation trap, providing surge protection at the inlet and outlet of pumps or floating the intake of the pump, or other methods to minimize and retain the suspended solids. If the Engineer determines that the pump operation is causing turbitity problems, said operation shall cease until such time as means of controlling turbitity is submitted by the contractor and approved by the Engineer and implemented by the contractor.
5. Dumping of oil, chemicals, or other deleterious materials on the ground is forbidden. The contractor shall provide a means of catching, retaining and properly disposing of drained oil, removed oil filters, or other deleterious material. All spills of such materials shall be reported immediately by the contractor to the DEP.
6. Application of Herbicides or Pesticides must be done by a Connecticut licensed applicator. The contractor shall submit to the Engineer the proposed Applicator's name and license number, and must receive the Engineer's approval of the proposed applicator before such application is carried out.

E. SOIL STABILIZATION MEASURES:

1. All topsoil not to be used for final grading/landscaped areas shall be removed from the site immediately, in accordance with applicable State and Local laws. All topsoil to be used in landscaped areas shall be stored/stockpiled in accordance with applicable State and Local laws.
2. All areas within 500 feet of an inhabited dwelling shall be wetted as necessary to provide dust control.
3. Sediment disposal areas and topsoil stockpiles not scheduled for construction activities within thirty (30) days shall be stabilized as follows:
   - Ground limestone at a rate of 1.35 lbs. per 1,000 s.f.
   - Fertilizer at a rate of 14 lbs. per 1,000 s.f. using a 10–20–10 analysis or an equivalent.
   - Annual Rye grass seeding applied at a rate of not less than 1 lb. per 1,000 s.f.
   - Mulch all newly seeded areas with 80 lbs. of salt hay or small grain straw per 1,000 s.f.
4. All disturbed areas are to be provided with at least 4" of topsoil before final seeding.
5. Permanent vegetation is to be seeded or sodded on all exposed areas within ten (10) days after final grading. Mulching as necessary for seed protection and establishment. Lime and fertilize before permanent seeding.
6. Permanent vegetation:

   A. Materials specifications for lawn areas:
      (i) Soil: A minimum of 4" topsoil
      (ii) Lime: 36 lbs. of ground limestone per 1,000 s.f.
      (iii) Fertilizer: 14 lbs. per 1,000 s.f. using a 10–20–10 analysis or an equivalent.
      (iv) Seed: Permanent Vegetation – Lawn

Proportion by weight	Common Name	Germ	Pure seed	Weed seed
45%	Kentucky Bluegrass	80	85	0.50
45%	Creeping Red Fescue	85	98	0.50
10%	Perennial Rye	90	98	0.50

F. RESPONSIBLE PARTIES:

1) _____ 2) Site Contractor (to be determined).
_____
_____
_____

is assigned the responsibility for implementing the control measures of this plan. This responsibility includes the installation and maintenance of control measures, informing all parties engaged on the construction site of the requirements and objectives of this plan, and notifying the Planning and Zoning Commission of the transfer of responsibility, and for conveying a copy of this plan if title to the property is transferred.

G. TEMPORARY SEDIMENT TRAP CONSTRUCTION NOTES:

1. Clear, grub and strip any vegetation and root mat from any proposed embankment and outlet area.
2. Remove stones and rocks whose diameter is greater than 3 inches and other debris.
3. Excavate wet storage and construct the embankment and/or outlet as needed to attain the necessary storage requirements.
4. Use only fill material for the embankment that is free from excessive organics, debris, large rocks (over 6 inches) or other unsuitable materials.
5. Compact the embankment in 9–inch layers by traversing with equipment while it is being constructed.
6. Stabilize the earth embankment using any of the following measures: Temporary Seeding, Permanent Seeding, or Stone Slope Protection immediately after installation.

H. TEMPORARY SEDIMENT TRAP MAINTENANCE NOTES:

1. Inspect the temporary sediment trap at least once a week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inch or greater.
2. Check the outlet to ensure that it is structurally sound and has not been damaged by erosion or construction equipment.
3. The height of the stone outlet should maintained at least 1 foot below the crest of the embankment.
4. Also check for sediment accumulation and filtration performance.
5. When sediments have accumulated to one half the minimum required volume of the wet storage, dewater the trap as needed, remove sediments and restore the trap to its original dimensions. Dispose of the sediment removed from the basin in a suitable area and in such a manner that it will not erode and cause sedimentation problems.
6. The temporary sediment trap may be removed after the contributing drainage area is stabilized.

I. GENERAL CONSTRUCTION SEQUENCE:

The anticipated time of completion for all aspects of construction is forty two (42) months from the initial start date. Construction is expected to start in the Spring of 2027 and be completed by Fall of 2030.

Prior to any on–site activity, the Contractor shall be responsible for holding a pre–construction meeting with the design team and appropriate Town officials and for notifying "Call Before You Dig" (1–800–922–4455) of the proposed project. (Estimated Time: 3 days)

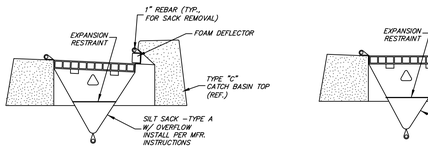
The general sequence of work will be as follows:

PHASE 1 – Commons addition, main and north driveways and east parking area

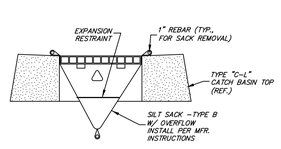
1. Stakeout Phase 1 clearing limits and limits of new construction. (Estimated Time: 2 days)
2. Install construction entrance, silt fence and other erosion control measures as shown on plans and as directed by the "Engineer". Maintain all erosion and sediment control measures in an effective condition throughout the construction phase. (Estimated Time: 2 days)
3. Clear designated trees and grub stumps from proposed development area and legally dispose of all grubbed materials. (Estimated Time: 5 days)
4. Strip topsoil from designated areas, stockpile and temporary seed. (Estimated Time: 5 days)
5. Construct berm and excavate for Temporary Sediment Trap #1. Install temporary diversion ditches and berms to direct site runoff into TST. Seed side slopes and embankment.
6. Commence rough grading of driveway, Commons building pad site, and new parking areas. Stabilize all cut and fill slopes as soon as practical after formation. (Estimated Time: 6 months)
7. Excavate for Commons building foundation, pour foundation and backfill. (Estimated Time: 8 weeks)
8. Construct additional Temporary Sediment Traps in locations directed by the engineer to control runoff from the site. (Estimated Time: 5 days)
9. Excavate, install and backfill the easterly UG stormwater management system, outlet structure, detention pond outlet pipe and phase 1 storm drainage system, (Estimated Time: 10 days)
10. Excavate, install and backfill the westerly UG stormwater management system, inlet pipe, outlet structure and connect outlet pipe to the existing storm drainage system (Estimated Time: 10 days)
11. Install Site utilities, sewer, water (domestic and sprinkler), communications and electric. (Estimated Time: 2 months)
12. Complete "boxing out" of main and north driveways and east parking areas, prepare subgrade for specified base materials (Estimated Time: 5 days)
13. Install concrete curbing and sidewalks along the main driveway and east parking lots. (Estimated Time: 4 weeks)
14. Install specified bituminous concrete base course and bituminous concrete curbing. (Estimated Time: 5 days)
15. Install wood guiderail, signage and landscape plantings. (Estimated Time: 15 days)
16. Install specified bituminous concrete pavement top course. (Estimated Time: 5 days)
17. Install painted pavement markings. (Estimated Time: 2 days)
18. Install topsoil and seed all disturbed areas as soon as practical. (Estimated Time: 1 day)

PHASE 2 – New Gymnasium building & reconstruction of north parking area

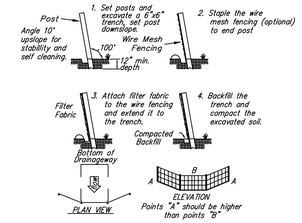
1. Raze existing building (Estimated Time: 4 weeks)
2. Stakeout Phase 2 clearing limits and limits of new construction. (Estimated Time: 2 days)
3. Install construction entrance, silt fence and other erosion control measures as shown on plans and as directed by the "Engineer". Maintain all erosion and sediment control measures in an effective condition throughout the construction phase. (Estimated Time: 2 days)
4. Clear designated trees and grub stumps from proposed development area and legally dispose of all grubbed materials. (Estimated Time: 5 days)
5. Commence rough grading of tennis driveway, gymnasium building pad site and north parking area. (Estimated Time: 3 months) Stabilize all cut and fill slopes as soon as practical after formation.
6. Excavate for gymnasium foundation, pour foundation and backfill. (Estimated Time: 8 weeks)
7. Install Site utilities, water (domestic and sprinkler), electric and communications. (Estimated Time: 1 month)
8. Complete "boxing out" of gymnasium and tennis driveways, and north parking area and prepare subgrade for specified base materials (Estimated Time: 3 days)
9. Install concrete curbing and sidewalks along the gymnasium driveway. (Estimated Time: 4 weeks)
10. Install specified bituminous concrete base course and bituminous concrete curbing in gymnasium and tennis driveways and north parking area. (Estimated Time: 5 days)
11. Install wood guiderail, signage and landscape plantings. (Estimated Time: 15 days)
12. Install specified bituminous concrete pavement top course. (Estimated Time: 5 days)
13. Install painted pavement markings. (Estimated Time: 2 days)
14. Install topsoil and seed all disturbed areas as soon as practical. (Estimated Time: 1 day)



SILT SACK – TYPE A
N.T.S.

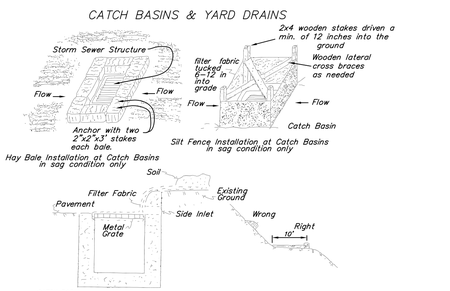


SILT SACK – TYPE B
N.T.S.



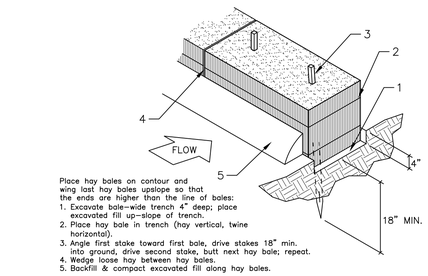
Source: U.S. Department of Agriculture, Soil Conservation Service, Storrs, Connecticut.

PLACEMENT AND CONSTRUCTION OF A SYNTHETIC FILTER BARRIER
N.T.S.



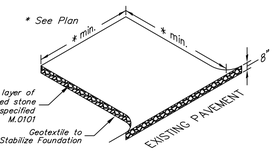
Source: U.S. Department of Agriculture, Soil Conservation Service, Storrs, CT.

PLACEMENT OF CONTROL MEASURES AT CATCH BASINS & YARD DRAINS
N.T.S.

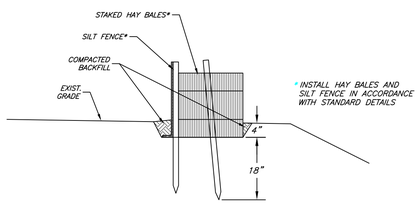


Place hay bales on contour and wing last hay bales upslope so that the ends are higher than the line of bales:
1. Excavate bale–wide trench 4" deep; place excavated fill up–slope of trench.
2. Place hay bale in trench (hay vertical, twine horizontal).
3. Angle first stake toward first bale, drive stakes 18" min. into ground, drive second stake, butt next hay bale; repeat.
4. Wedge loose hay between hay bales.
5. Backfill & compact excavated fill along hay bales.

STAKED HAY BALES
N.T.S.



CONSTRUCTION ENTRANCE ANTI – TRACKING PAD
N.T.S.



SILT FENCE & STAKED HAY BALES
N.T.S.

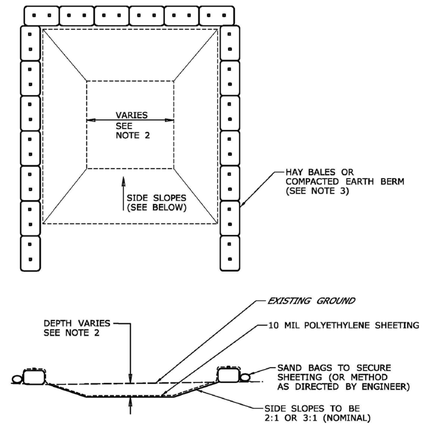
CONCRETE WASHOUT AREA NOTES

1. CONCRETE WASHOUT AREA(S) SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE. THE CONCRETE WASHOUT AREA SHALL BE ENTIRELY SELF–CONTAINED.
2. THE CONTRACTOR SHALL SUBMIT THE DESIGN, LOCATION AND SIZING OF THE CONCRETE WASHOUT AREA(S) WITH THE PROJECT'S EROSION AND SEDIMENTATION CONTROL PLAN AND SHALL BE APPROVED BY THE ENGINEER.

LOCATION: WASHOUT AREA(S) ARE TO BE LOCATED AT LEAST 50 FEET FROM ANY STREAM, WETLAND, STORM DRAINS, OR OTHER SENSITIVE RESOURCE. THE FLOOD CONTINGENCY PLAN MUST ADDRESS THE CONCRETE WASHOUT IF THE WASHOUT IS TO BE LOCATED WITHIN THE FLOODPLAIN.

SIZE: THE WASHOUT MUST HAVE SUFFICIENT VOLUME TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS INCLUDING, BUT NOT LIMITED TO, OPERATIONS ASSOCIATED WITH GROUT AND MORTAR.

3. SURFACE DISCHARGE IS UNACCEPTABLE. THEREFORE, HAY BALES OR OTHER CONTROL MEASURES, AS APPROVED BY THE ENGINEER, SHOULD BE USED AROUND THE PERIMETER OF THE CONCRETE WASHOUT AREA FOR CONTAINMENT.
4. SIGNS SHOULD BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CONCRETE AREA(S) AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS. WASHOUT AREA(S) SHOULD BE FLAGGED WITH SAFETY FENCING OR OTHER APPROVED METHOD.
5. WASHOUT AREA(S) ARE TO BE INSPECTED AT LEAST ONCE A WEEK FOR STRUCTURAL INTEGRITY, ADEQUATE HOLDING CAPACITY AND CHECKED FOR LEAKS, TEARS, OR OVERFLOWS. (AS REQUIRED BY THE CONSTRUCTION SITE ENVIRONMENTAL INSPECTION REPORT) WASHOUT AREA(S) SHOULD BE CHECKED AFTER HEAVY RAINS.
6. HARDENED CONCRETE WASTE SHOULD BE REMOVED AND DISPOSED OF WHEN THE WASTE HAS ACCUMULATED TO HALF OF THE CONCRETE WASHOUT'S HEIGHT. THE WASTE CAN BE STORED AT AN UPLAND LOCATION, AS APPROVED BY THE ENGINEER. ALL CONCRETE WASTE SHALL BE DISPOSED OF IN A MANNER CONSISTENT WITH ALL APPLICABLE LAWS, REGULATIONS, AND GUIDELINES.
7. PAYMENT FOR THIS ITEM IS TO BE INCLUDED UNDER THE GENERAL COST OF THE WORK FOR THE PROJECT, INCLUDING SITE RESTORATION.



CONCRETE WASHOUT AREA
NOT TO SCALE
(SEE NOTE 2)

NOTE
ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE COMPLIANT WITH THE STANDARDS OF THE "CONNECTICUT GUIDELINES FOR SOIL EROSION & SEDIMENT CONTROL."

REVISIONS		
NO.	DESCRIPTION	DATE

Drummey Rosane Anderson, Inc.
225 Oakland Road, Studio 205, South Windsor, CT 06074, Tel: 860.644.8300
260 Charles Street, Studio 300, Waltham, MA 02453, Tel: 617.964.1700
Planning | Architecture | Interior Design
www.draws.com

DONALD W. SMITH, JR., P.E.
CONSULTING ENGINEER
56 GREENWOOD CIRCLE SEYMOUR, CT 06483
Tel. 203–888–4904 Fax 203–881–3434 dwsjrpe@sbcglobal.net

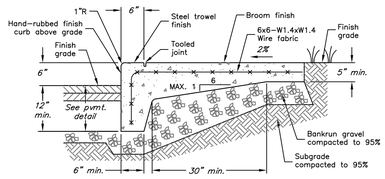
EROSION CONTROL NOTES & DETAILS

ST. JOSEPH HIGH SCHOOL

2320 HUNTINGTON TURNPIKE

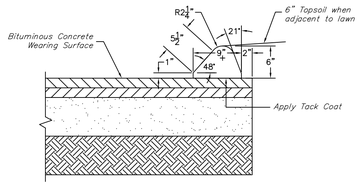
TRUMBULL, CONNECTICUT

Job No. 06–11D
Scale: As Noted
Date: 9/16/26
Designed: D.W.S.
Drawn: K.D.K.
Sheet: C500



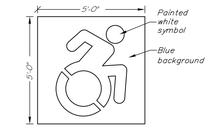
CONCRETE WALK W/6"x18" INTEGRAL CURB

N.T.S.



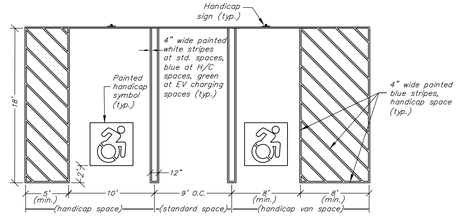
6" BIT. CONC. LIP CURB DETAIL

N.T.S.



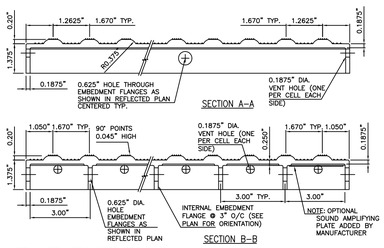
STANDARD HANDICAP SYMBOL PAVEMENT MARKING

N.T.S.



TYPICAL HANDICAP & STANDARD PARKING SPACE PAVEMENT MARKING

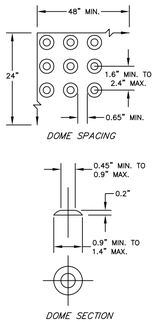
N.T.S.



INSTALL PER MFR'S INSTRUCTIONS

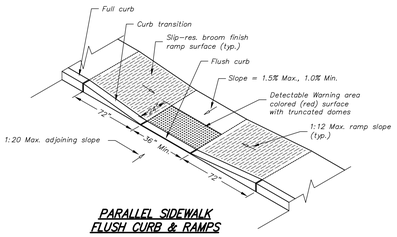
DETECTABLE WARNING DETAIL (CAST IN PLACE)
ARMOR-TILE OR APPROVED EQUAL

N.T.S.



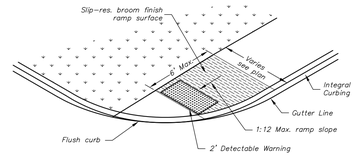
DETECTABLE WARNING AREA

N.T.S.



PARALLEL SIDEWALK FLUSH CURB & RAMPS

N.T.S.

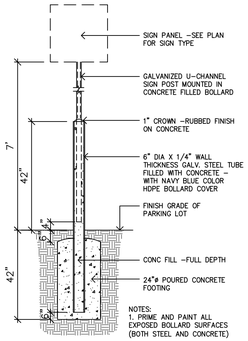


NOTE: Where both ends of the bottom grade break are 5 ft. or less from the back of the curb, the detectable warning shall be located on the ramp surface at the bottom grade break. Where either end is more than 5 ft. from the back of the curb, the detectable warning shall be located on the lower landing.

DIAGONAL SIDEWALK FLUSH CURB & RAMP

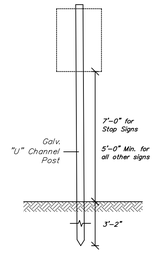
N.T.S.

ACCESSIBLE RAMP DETAILS



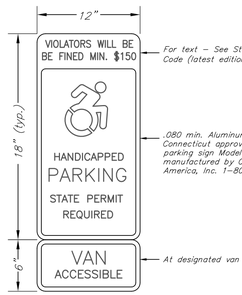
SIGN MOUNTED IN STEEL BOLLARD

N.T.S.



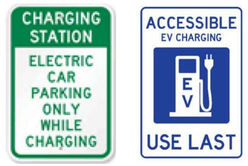
METAL SIGN DETAIL

N.T.S.



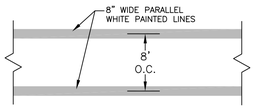
HANDICAP PARKING SIGN

N.T.S.



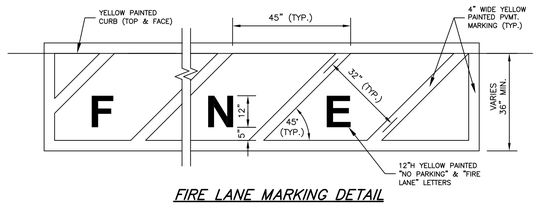
EV CHARGING AREA SIGNS

N.T.S.



CROSSWALK PAVEMENT MARKING

N.T.S.



FIRE LANE MARKING DETAIL

N.T.S.

REVISIONS		
NO.	DESCRIPTION	DATE

DRA

Drummey Rosane Anderson, Inc.

225 Oakland Road
Studio 205
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CONSULTING ENGINEER
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Tel. 203-888-4904 Fax 203-881-3434 dwsjrpe@sbcglobal.net

PVMT. MARKINGS, SIDEWALKS, CURBS & SIGN DETAILS

ST. JOSEPH HIGH SCHOOL

2320 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT

Job No. 06-11D

Scale: As Noted

Date: 9/16/26

Designed: D.W.S.

Drawn: K.D.K.

Sheet: C501

DEEP TEST DATA:

SOIL TESTING PERFORMED BY THE OFFICE OF
DONALD W. SMITH, JR., P.E., CONSULTING ENGINEER

TP #1 (06/02/25)

0" – 12" TOPSOIL & SUBSOIL
12" – 48" FRACTURED ROCK

LEDGE 24 – 48"

TP #2 (06/02/25)

0" – 12" TOPSOIL & SUBSOIL
12" – 36" DIGGABLE BROKEN STONE

LEDGE 36"

TP #3 (06/02/25)

0" – 26" TOPSOIL, FILL & BROKEN STONE
26" – 48" BROWN RUSTED SA & GRAVEL, LITTLE SILT
45" – 60" FRACTURED ROCK

LEDGE 48"

TP #4 (06/02/25)

0" – 4" TOPSOIL
4" – 18" ORG. BRN SANDY LOAM
18" – 42" TAN F_M SAND AND F GRAVEL, FEW BOULDERS
42" – 48" BROKEN ROCK

LEDGE 42"– 48"

TP #5 (06/02/25)

0" – 4" TOPSOIL
4" – 12" TAN SANDY LOAM – POSSIBLE FILL
12" – 32" DARK BRWON SILTY LOAM, ORGANIC SMELL, BONEY
32" – 60" ORG. BRN SANDY LAOM

BROKEN STONE AT 50", POSSIBLE LEACHING TRENCH

TP #6 (11/28/25)

0" – 2" BIT. CONC.
2" – 10" BASE
10" – 46" TAN GRAVELLY FILL
46" – 10' ORG. BRN GRAVELLY FILL
10' – 11' POSSIBLE WETLANDS SOIL CLAY
11'–1" POSSIBLE ROCK

TP #7 (11/28/25)

0" – 2" BIT. CONC.
2" – 8" BASE
8" – 9.5' GRANULAR FILL
9.5' – 11' ORIG. TOPSOIL / WETLANDS

NO WATER

TP #8 (11/28/25)

0" – 2" BIT. CONC.
2" – 8" BASE
8" – 10.5' ORG. BRN BONEY FILL, SAND & GRAVEL
10.5' – 11' ORIG. WETLANDS

TP #9 (11/28/25)

0" – 2" BIT. CONC.
2" – 8" BASE
8" – 76" GREY FINE SAND & SILTY LIGHT GRAVEL
76" – 10' ORG. BRN SAND & GRAVEL, LIGHT SILT
10' – 11' GREY FINE SAND

NO LEDGE / NO WATER

TP #10 (11/28/25)

0" – 2" BIT. CONC.
2" – 8" BASE
8" – 12' SILTY FILL
12' CLAY TOPSOIL

TP #11 (11/28/25)

0" – 2" BIT. CONC.
2" – 6" BASE
6" – 78" GREY SILTY FILL
78" – 10' ORG. BRN SANDY LOAM FILL
10' – 11' GREY FINE SAND / CLAY

NO WATER

TP #12 (10/13/26)

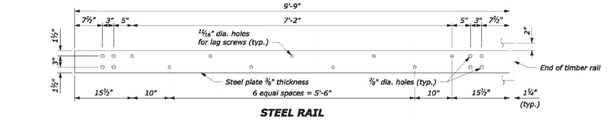
0" – 4" TOPSOIL
4" – 36" MISC. FILL
36" – 64" ORG.–BRN SANDY LOAM
64" – 96" GREY, MOTTLED SANDY HARDPAN

NO WATER, NO LEDGE, MOTTLES @ 64"

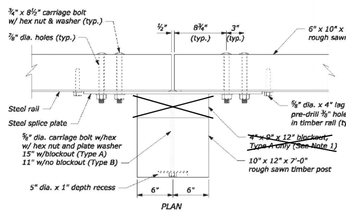
TP #13 (10/13/26)

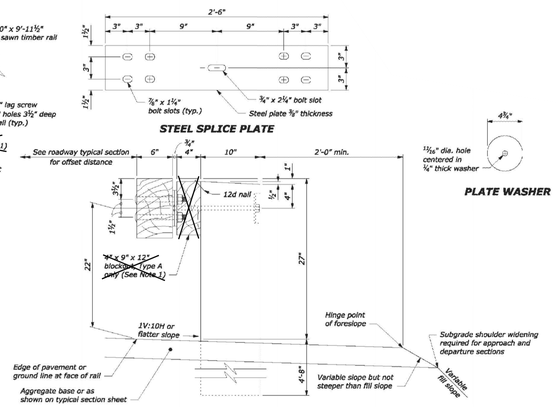
0" – 6" TOPSOIL
6" – 40" MISC. FILL
40" – 60" ORG.–BRN SANDY LOAM
60" – 102"GREY, MOTTLED SANDY HARDPAN, WITH MICA

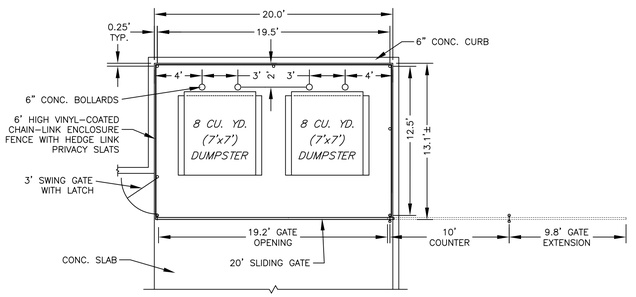
POSSIBLE WATER @ 96", NO LEDGE, MOTTLES @ 60"



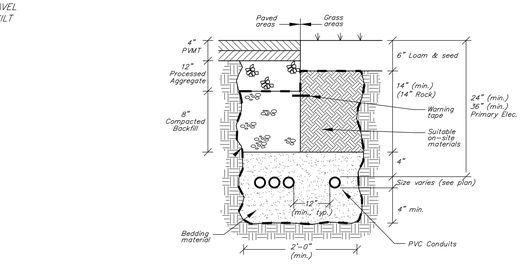
STEEL RAIL



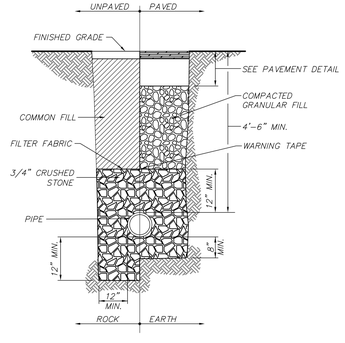




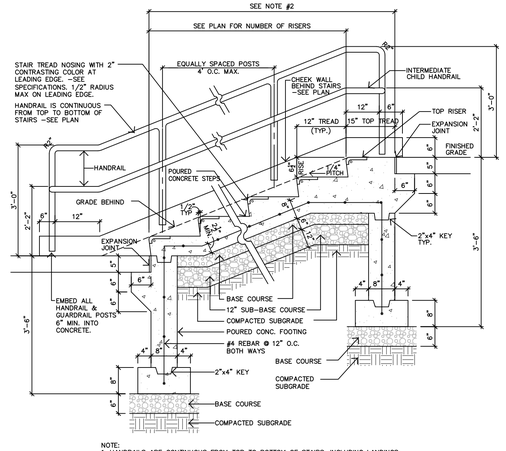
DUMPSTER ENCLOSURE DETAIL
PLAN VIEW
SCALE: N.T.S.



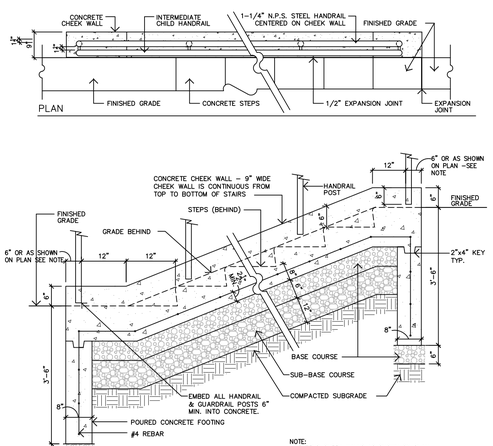
U/G CONDUIT BEDDING DETAIL
N.T.S.



TYPICAL WATER SERVICE TRENCH DETAIL
NOT TO SCALE



SECTION
CONCRETE STEPS NTS



SECTION
CONCRETE CHEEK WALL NTS

REVISIONS		
NO.	DESCRIPTION	DATE

Drummey Rosane Anderson, Inc.
225 Oakland Road
Studio 205
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06074
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MISCELLANEOUS DETAILS

ST. JOSEPH HIGH SCHOOL

2320 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT

Job No. 06–11D
Scale: As Noted
Date: 9/16/26
Designed: D.W.S.
Drawn: K.D.K.
Sheet: C502

H = TOTAL HEIGHT OF ENDWALL

B = BASE

D = INSIDE DIAMETER OF PIPE

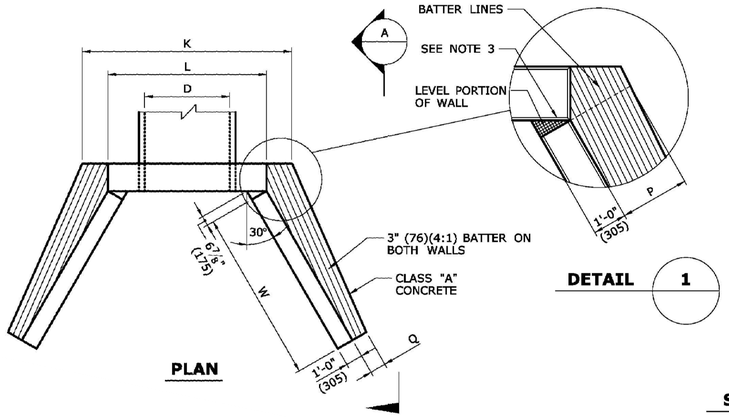
S = HEIGHT OF SLOPE ABOVE FLOW LINE AT FACE OF WALL = D+2"(51) MIN.

L = LENGTH OF WALL = 3S+D

ALL EDGES OF EXPOSED SURFACES SHALL BE CHAMFERED APPROXIMATELY ONE INCH (25mm).

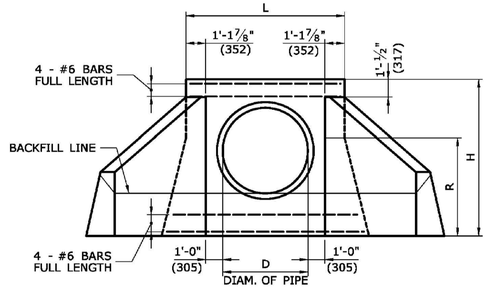
DIMENSIONS AND QUANTITIES FOR ONE WING TYPE ENDWALL

D	B	C	G	H	K	L	P	Q	R	W	VOL
INS.(mm)	FT.&IN.(mm)	FT.&IN.(mm)	FT.&IN.(mm)	FT.&IN.(mm)	FT.&IN.(mm)	FT.&IN.(mm)	FT.&IN.(mm)	FT.&IN.(mm)	FT.&IN.(mm)	FT.&IN.(mm)	CU.YD.(m^3)
36"(914)	1'-6" (457)	2'-0"(610)	3'-3"(991)	6'-8"(2032)	9'-1½"(2781)	7'-3¾"(2229)	1'-4⅞"(430)	0'-9¾"(248)	3'-4⅞"(1038)	5'-5¾"(1670)	5.87(4.5)
42"(1000)	1'-6" (457)	2'-0"(610)	3'-3"(991)	7'-2"(2184)	9'-10½"(3010)	7'-9¾"(2381)	1'-6⅜"(470)	0'-9¾"(248)	3'-10½"(1181)	6'-7¾"(2026)	6.67(5.1)
48"(1200)	1'-7" (483)	2'-6"(762)	3'-9"(1143)	8'-2"(2489)	10'-10"(3302)	8'-3¾"(2534)	1'-9⅜"(540)	0'-11¼"(286)	4'-9"(1448)	7'-9½"(2375)	9.11(7.0)
60"(1500)	1'-7" (483)	2'-6"(762)	3'-9"(1143)	9'-2"(2794)	12'-4½"(3772)	9'-3¾"(2838)	2'-0⅜(620)	0'-11¼"(286)	5'-9"(1753)	10'-1¼"(3080)	12.43(9.5)
72"(1800)	1'-7" (483)	2'-6"(762)	3'-9"(1143)	10'-2"(3099)	13'-10¾"(4235)	10'-3¾(3143)	2'-3⅜"(690)	0'-11¼"(286)	6'-9"(2057)	12'-5"(3785)	16.30(12.5)

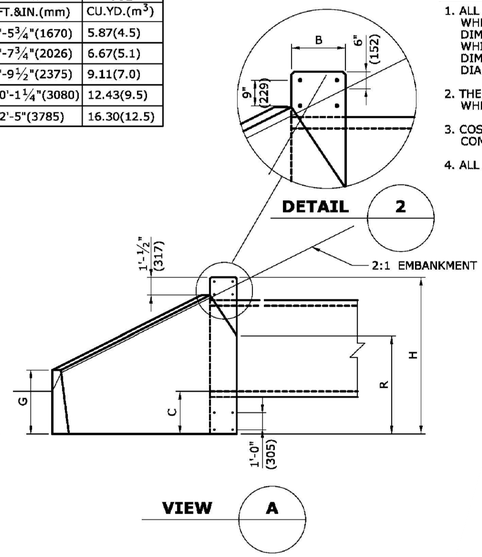


PLAN

DETAIL 1



FRONT ELEVATION



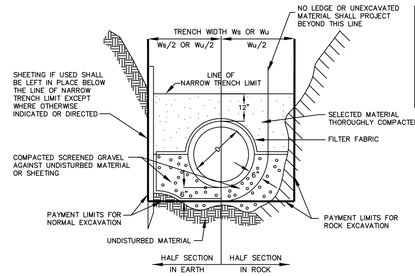
VIEW A

STANDARD WING TYPE ENDWALL

REINFORCEMENT SHALL BE USED FOR 48" (1219) DIA. PIPE AND UP

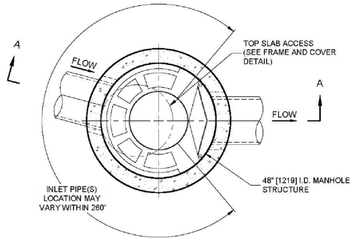
GENERAL NOTES:

1. ALL CONSTRUCTION DIMENSIONS ARE NOMINAL. WHEN ONE ENDWALL IS USED FOR TWO PIPES, THE DIMENSIONS OF THE ENDWALL SHALL CONFORM TO THAT WHICH IS REQUIRED FOR THE LARGER PIPE, EXCEPT THE DIMENSION "L" SHALL BE INCREASED BY THE OUTSIDE DIAMETER OF THE SMALLER PIPE PLUS ONE FOOT.
2. THESE ENDWALLS SHALL ONLY BE USED AT LOCATIONS WHERE THEY ARE OUTSIDE THE DESIGN CLEAR ZONE.
3. COST OF REINFORCING BARS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CLASS "A" CONCRETE.
4. ALL REINFORCING BARS SHALL HAVE 3" (76) COVER MIN.

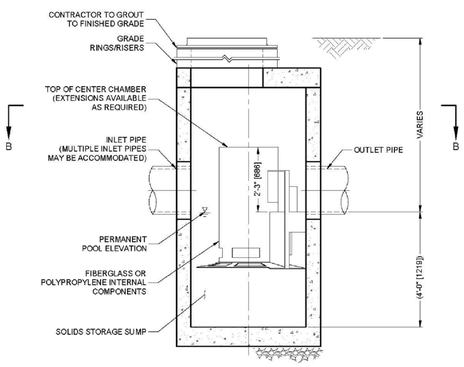


TRENCH WIDTH Ws OR Wu		
PIPE DIAMETER D	Wu UNSHEETED	Ws SHEETED
12" & SMALLER	3'-0"	4'-2"
15"	3'-2"	4'-4"
18"	3'-6"	4'-8"
24"	4'-2"	5'-4"
30"	4'-10"	6'-0"

TRENCH SECTION
REINFORCED CONCRETE PIPE
N.T.S.

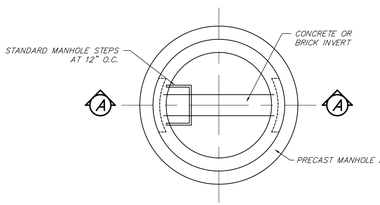


PLAN VIEW B-B
NOT TO SCALE

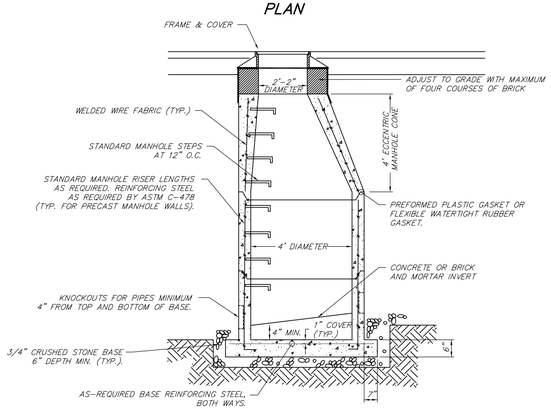


ELEVATION A-A
NOT TO SCALE

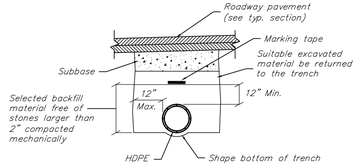
CASCADE separator™



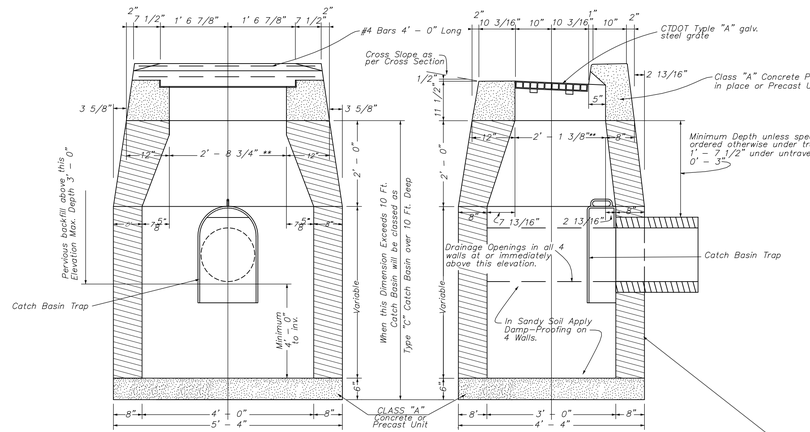
PLAN



SECTION A-A
STORM MANHOLE DETAIL
REINFORCED PRECAST CONCRETE UNITS
N.T.S.



HDPE STORM DRAIN TRENCH
N.T.S.



CATCH BASIN DETAIL
N.T.S.

Precast Concrete Units, Brick, Class "A" Concrete, Masonry Concrete Units, Where Brick or Masonry Concrete Units are used, Corbelling will be permitted. Maximum corbel to be 3". No projection shall extend insided of limits note by **

REVISIONS		
NO.	DESCRIPTION	DATE

Drummey Rosane Anderson, Inc.
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Tel. 203-888-4904 Fax 203-881-3434 dwsjrpe@sbcglobal.net

STORMWATER DETAILS

ST. JOSEPH HIGH SCHOOL

2320 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT

Job No. 06-11D

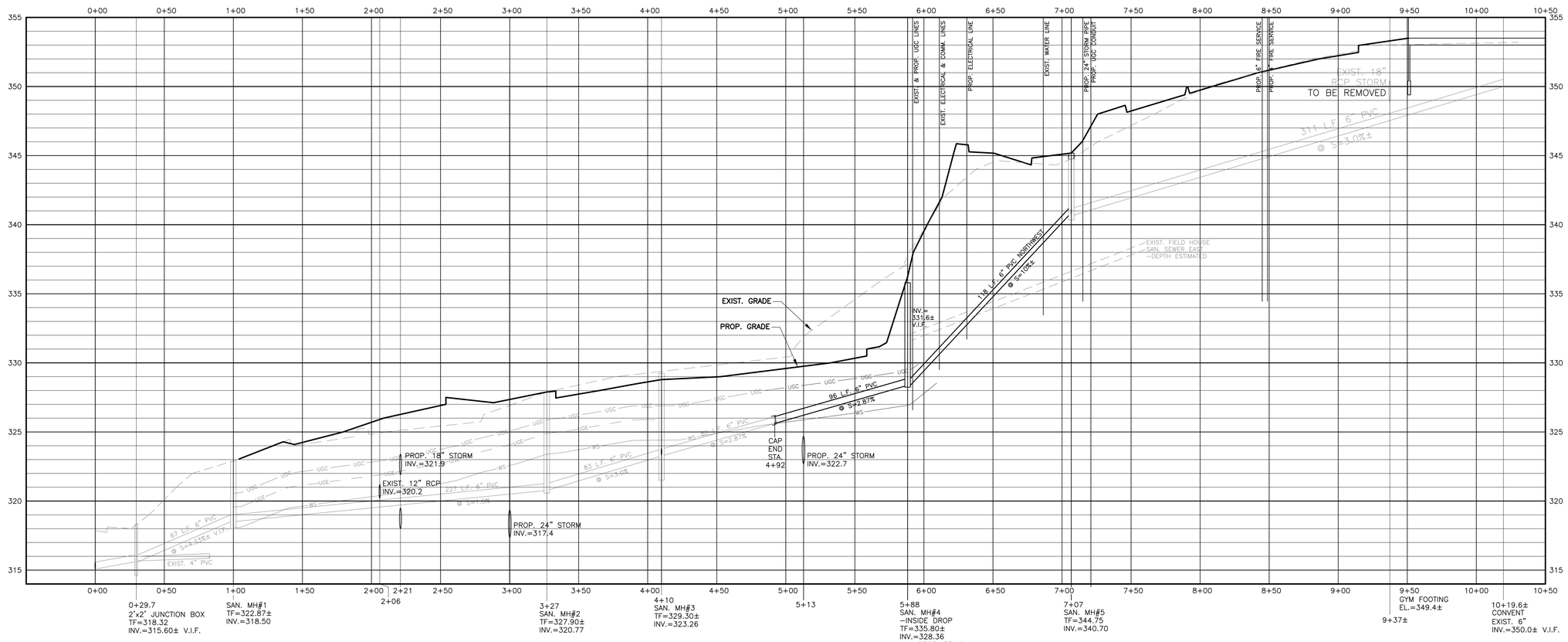
Scale: As Noted

Date: 9/16/26

Designed: D.W.S.

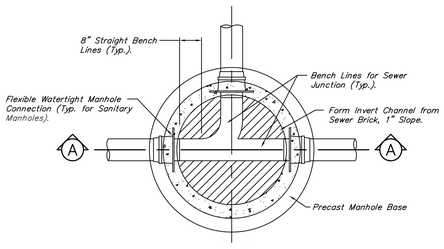
Drawn: K.D.K.

Sheet: C503

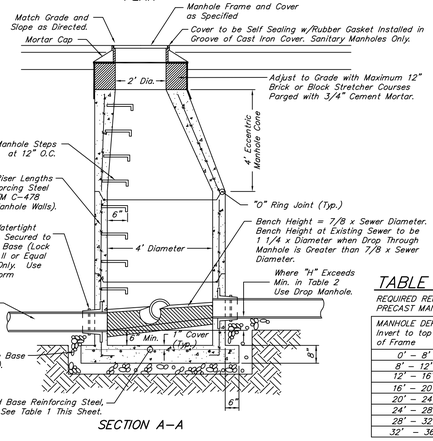


MAIN SAN. SEWER PROFILE

HORIZ. SCALE: 1"=40'
VERT. SCALE: 1"=4'



PLAN



SECTION A–A

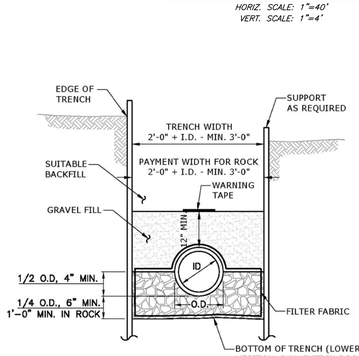
STANDARD SANITARY MANHOLE DETAIL

NOT TO SCALE

TABLE 1

REQUIRED REINFORCING STEEL PRECAST MANHOLE BASE SLABS

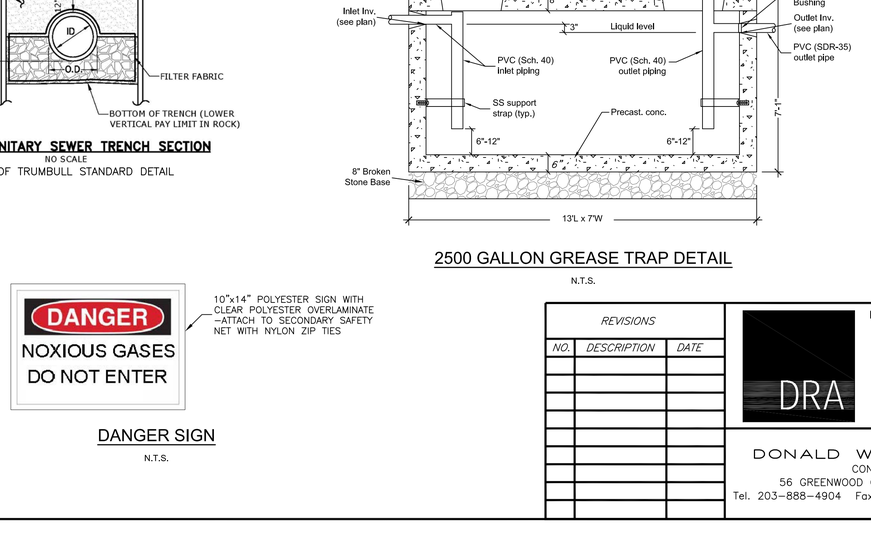
MANHOLE DEPTH Invert to top of Frame	48" DIA. A_s (sq"/ft)	60" DIA. A_s (sq"/ft)
0' – 8'	0.12	0.15
8' – 12'	0.15	0.19
12' – 16'	0.18	0.24
16' – 20'	0.20	0.28
20' – 24'	0.23	0.33
24' – 28'	0.26	0.37
28' – 32'	0.29	0.42
32' – 36'	0.32	0.46



TYPICAL SANITARY SEWER TRENCH SECTION

NO SCALE

TOWN OF TRUMBULL STANDARD DETAIL



2500 GALLON GREASE TRAP DETAIL

N.T.S.

10"x14" POLYESTER SIGN WITH CLEAR POLYESTER OVERLAMINATE –ATTACH TO SECONDARY SAFETY NET WITH NYLON ZIP TIES

DANGER SIGN

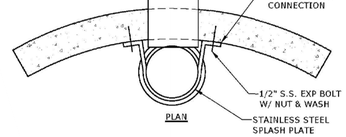
N.T.S.

TABLE 2

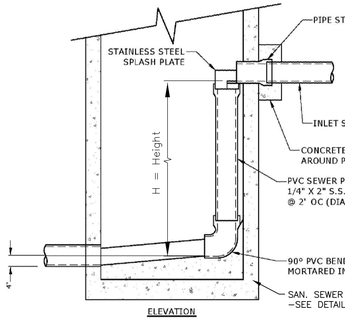
MANHOLE DROPS

LINE SIZE	6"	8"	10"	12"	15"	18"
DROP SIZE	6"	8"	10"	12"	15"	15"
MIN. DROP HEIGHT	1'9"	2'0"	2'3"	2'6"	2'9"	3'0"

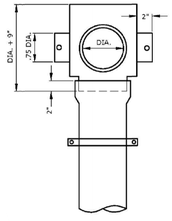
NOTE: Inside drop piping shall be opposite steps



PLAN



ELEVATION



ELEVATION

SHIELD FOR DROP MANHOLE

DIMENSIONS OF DROP INLET ARE SIMILAR TO THAT OF THE TYPICAL MANHOLE EXCEPT AS NOTED OTHERWISE

INSIDE DROP MANHOLE

NO SCALE

TOWN OF TRUMBULL STANDARD DETAIL

REVISIONS		
NO.	DESCRIPTION	DATE

DRA

Drummey Rosane Anderson, Inc.
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SAN. SEWER PROFILE & DETAILS

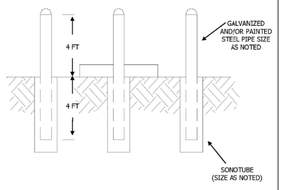
ST. JOSEPH HIGH SCHOOL

2320 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT

Job No. 06–11D
Scale: As Noted
Date: 9/16/26
Designed: D.W.S.
Drawn: K.D.K.
Sheet: C504

20503 – Padmount Equipment Barriers — Std: 20503 Page 1 of 6



NOTES:

A. Protective barriers are required when padmounted equipment is located in an area exposed to vehicular traffic, snow removal equipment, etc.

B. Where barriers are required, they shall be installed by the customer before the padmounted equipment is set in place.

C. Barriers shall be installed on the sides exposed to vehicular traffic.

D. Barriers shall not interfere with the opening of equipment doors or the operation of equipment.

E. Barriers shall be sized according to the padmount equipment location. Each barrier shall be set in concrete 4 ft. in the ground extending approximately 4 ft. above grade.

Distribution Standard Construction/Design		Original	Revised	Revised	Revised
	Designed By				
	Approved By				
	Date				

20503 – Padmount Equipment Barriers — Std: 20503 Page 2 of 6

NOTES (continued):

MINIMUM SIZE BARRIER	SONOTUBE	LOCATION
4"	10"	Residential areas (Condos, Etc.) Light traffic
6"	12"	Commercial areas (Offices, Small Businesses)
8" or larger	14" or larger	Heavy traffic (Trucks, etc.) Loading areas

F. Each barrier shall be filled with concrete and have a water shedding cap.

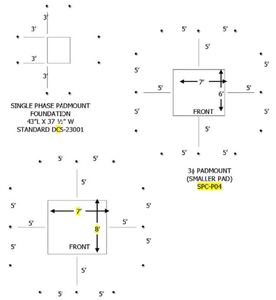
G. Barriers shall be painted with a high visibility paint, e.g. yellow or orange in color.

H. Barriers shall be spaced 3' to 5' apart. See Sheets 3-6 for barrier orientation for specific foundations.

I. Typically, the exposure of padmounted equipment to traffic is limited to one or two sides and barriers will not be installed completely around the perimeter (as shown on Sheets 3-6). The actual number and size of barriers required shall be specified by the UI Construction Supervisor.

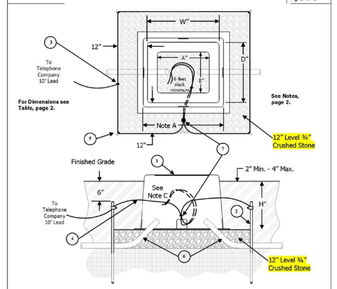
Distribution Standard Design Standards		Original	Revised	Revised	Revised
	Designed By		RSV		
	Approved By		MZ		
	Date		11/07/13		

20503 – Padmount Equipment Barriers — Std: 20503 Page 3 of 6



Distribution Standard Construction/Design		Original	Revised	Revised	Revised
	Designed By		RSV		
	Approved By		MZ		
	Date		11/07/13		

23001 – Foundation – Padmount Equipment - Fiberglass — Std: 23001 Pg 1 of 2

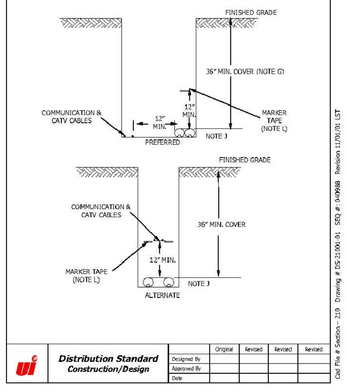


* Size as Required — * * Quantity as Required

LIST OF MATERIALS				CU's
ITEM	QTY.	SYM. NO.	DESCRIPTION	
1	1*	40-09500	Box Pad – 1PH FG – Transformer/Splices/Junctions	UGC-BOX-PAD-41IN
	1*	40-09520	Box Pad – 1PH FG – 22x84 – 200 Amp Elbow Junctions	UGC-BOX-PAD-84IN
2	4	43-87600	Rod Ground Galvanized Steel, 5/8" x 8'	
3	2	58-39600	Connector 4 Solid	
4	± 35'	96-84000	Wire #4 CU Stranded Bare SD	
5	4	58-40700	Connector W/Hex Head Bolt	
6	* *	32-58182	Elbow, Conduit, 4" PVC, 45°, 24"R, SCH. 40	
7	1	58-39400	Conn "Copper Bug" 2S	

Distribution Standard Construction/Design		Original	Revised	Revised	Revised
	Designed By		RV	RWA	
	Approved By		MZ		
	Date		10/27/10	7/23/19	

21001 Trench Requirements - Primary & Secondary Cables — Std: 21001 Pg 1 of 2



Distribution Standard Construction/Design		Original	Revised	Revised	Revised
	Designed By				
	Approved By				
	Date				

Cad File # Section - 119 Drawing # 525-21001.01 SSD # 3439B Revision 11/30/01 LST

21001 Trench Requirements - Primary & Secondary Cables — Std: 21001 Pg. 2 of 2

NOTES:

A. ***Call Before You Dig!*** (1-800-922-4455).

B. Trench width depends on type of trenching equipment used.

C. A minimum of 12" separation, vertical or horizontal, shall be maintained between communication or CATV cables and electrical cable(s) or their conduits.

D. A minimum separation of 12" shall be maintained between electric conduit and gas service lines. Jet trenching is not permitted with any gas lines.

E. A minimum separation of 12" shall be maintained between electric conduits and water service lines. Separation between electrical conduits and main water lines shall be 18".

F. The trench bottom shall be undisturbed or well tamped earth, (i.e. not loose backfill), such that the trench bottom will not settle and disturb ***UI*** conduits. Also, the trench bottom shall be free from all sharp objects and stones.

G. Where rock or ledge is encountered, the minimum conduit cover may be reduced to 24".

H. All backfill shall be free of stones, debris or any sharp object that may damage the conduit.

I. For 3-phase primary, 4" diameter conduit shall be installed. For single-phase primary, 2"-3" diameter conduit shall be installed. Either galvanized steel or Schedule 40 PVC conduit shall be installed.

J. To provide a means of pulling in the cable(s), a nylon draw cord, (1/8" 400 lb. minimum test) shall be installed in the conduit. The draw cord shall extend continuously through the entire length of all conduit sections. Conduit ends shall be sealed with bushings or caps.

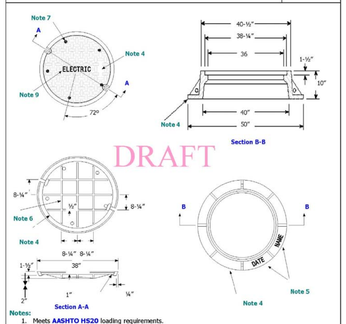
K. Machine digging shall stop 36" from vaults, foundations, equipment, cables and poles. The remainder of the trench shall be hand dug.

L. All ***UI*** buried conduits shall be identified by a red marker tape (***UI*** S.S. 40-86750). The marker tape shall run directly above the entire length of each conduit section with a minimum vertical separation of 12".

Distribution Standard Construction/Design		Original	Revised	Revised	Revised
	Designed By				
	Approved By				
	Date				

Cad File # Section - 119 Drawing # 525-21001.02 SSD # 3439B Revision 11/30/01 LST

FRAME & COVER – 36" — F-02



Notes:
1. Meets **AASHTO HS20** loading requirements.
2. For use with 38" cover.
3. Cast iron in accordance with **ASTM A48**, Class 30B.
4. Approximate weights: Frame 550 lbs., Cover 365 lbs.
5. Company name & year of manufacture on frame and underside of cover.
6. Ribs of cover tapered from ½" to ¼".
7. Five 1-¼" holes, 5° from edge and 72° apart.
8. Lifting notch adjacent to pick holes.
9. "ELECTRIC" letters to be 2-½" high. If required, specify optional "***UI***" logo

Distribution Standards Material Specification		Original	Revised	Revised	Revised
	Drawn By	PLF	PLF		
	Approved By	AM	MZ		
	Date	02/01/08	09/14/09		

Splice Box, Precast, 4'H x 4'W x 4'D — SPC-M07 Page 2 of 4

All precast splice chambers supplied to UI shall meet the requirements of SPC-M01, Splice Chamber – Precast, General.

Additional requirements (and amendments to SPC-M01) for the 4' x 4' x 4' splice box are defined in this specification.

The 4' x 4' x 4' splice box is generally to be used as a cable pulling and splicing box in applications where a full sized splice chamber is not feasible. This chamber is designed for secondary cable and #2 AWG primary cable. The use of primary cable larger than #2 AWG is not permitted due to the size of the splicing materials required, the splicing clearance required, and cable bending radius limitations. The 4' x 4' x 4' splice box is rated for H-20 loading. The 4' x 4' x 4' splice box has no provision for cable racking, limiting usage to single circuit applications.

The 4' x 4' x 4' splice box has a 36" circular opening in the roof slab, and is to be used with a bottom flange H-20 rated manhole frame with cover per UI SPC-P04: FRAME AND COVER, MANHOLE, 36", DUCTILE IRON.

4' x 4' x 4' splice box — detailed requirements for this design are shown below and in the referenced IDOCS drawings.

SPC-M07 Splice Box, Precast, 4'H x 4'W x 4'D		
DRAWING	IDOCS DRAWING #	SEQUENCE #
4'H X 4'W X 4'D Splice Box – PLAN VIEW		
4'H X 4'W X 4'D Splice Box – SIDE VIEW		

Approved Suppliers

The following manufacturers are approved to supply 4' x 4' x 4' splices boxes, per SPC-M07, to United Illuminating:

- **Oldcastle Precast New England**
  151 Old Farms Road
  Avon, Connecticut 06001
- **United Concrete Products**
  173 Church Street
  Valesville, Ct 06492

Distribution Standards Material Specification		Original	Revised	Revised	Revised
	Drawn By	PLF	RWA	RWA	
	Approved By	MZ	MZ	MZ	
	Date	6/05/2008	10/25/13	1/12/18	

Splice Box, Precast, 4'H x 4'W x 4'D — SPC-M07 Page 3 of 4

Notes:
1. With 36" circular opening in roof slab.
2. One inch (1") concrete lip on bottom of roof slab.
3. Sump hole with grate centered and located directly under manhole opening.

Distribution Standards Material Specification		Original	Revised	Revised	Revised
	Drawn By	PLF	RWA	RWA	
	Approved By	MZ	MZ	MZ	
	Date	6/05/2008	10/25/13	1/12/18	

Splice Box, Precast, 4'H x 4'W x 4'D — SPC-M07 Page 4 of 4

Notes:
1. With 36" circular opening in roof slab.
2. One inch (1") concrete lip on bottom of roof slab.
3. Sump hole with grate centered and located directly under manhole opening.

Distribution Standards Material Specification		Original	Revised	Revised	Revised
	Drawn By	PLF	RWA	RWA	
	Approved By	MZ	MZ	MZ	
	Date	6/05/2008	10/25/13	1/12/18	

FURNISHED BY OWNER

REVISIONS		
NO.	DESCRIPTION	DATE

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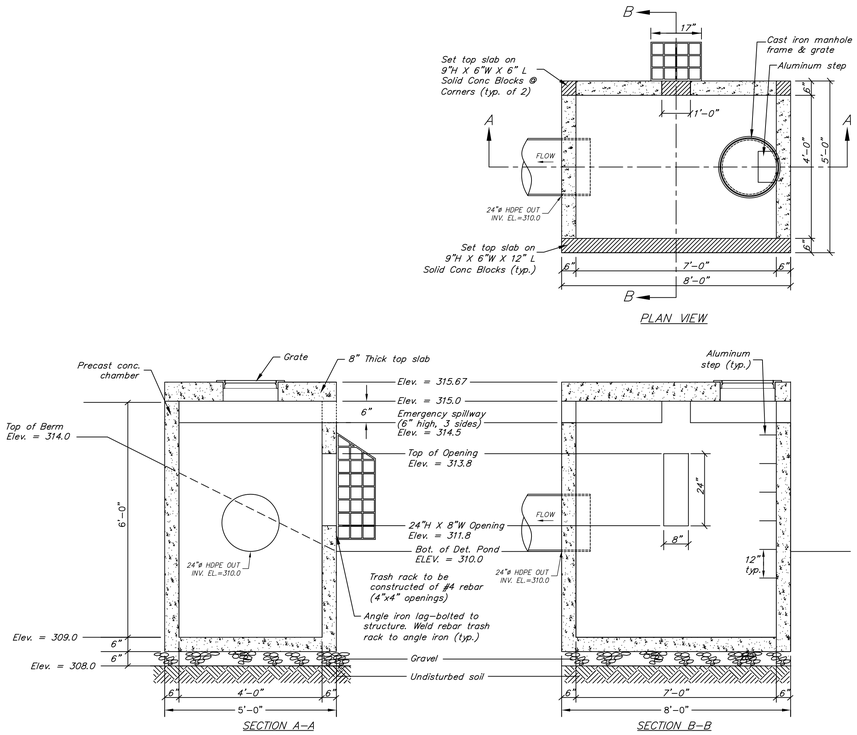
U.I. DETAILS

Job No. 06-11D
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Date: 9/16/26
Designed: D.W.S.
Drawn: K.D.K.
Sheet: C505

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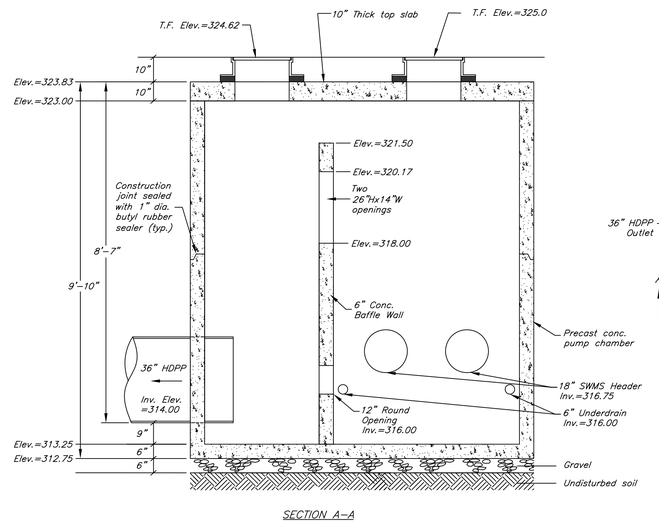
2320 HUNTINGTON TURNPIKE

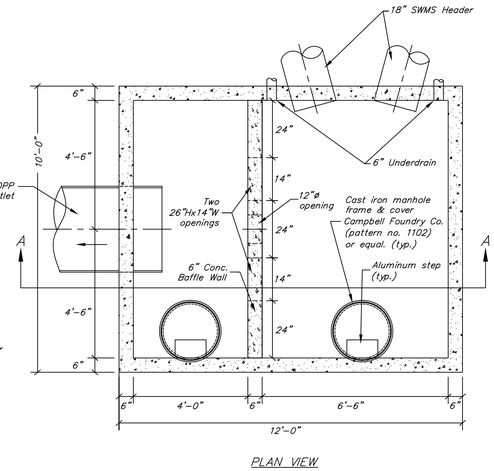
TRUMBULL, CONNECTICUT



OUTLET STRUCTURE #2

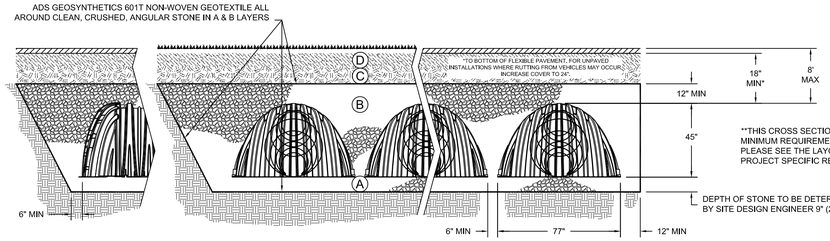
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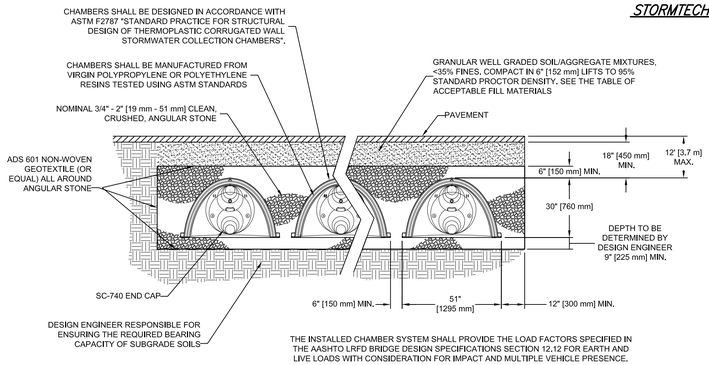
OUTLET STRUCTURE #1

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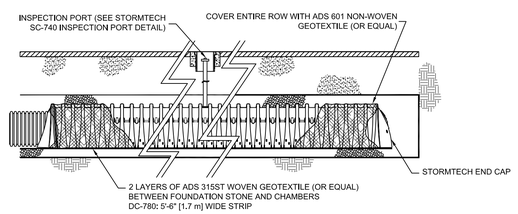
STORMTECH MC-3500 TYPICAL CROSS-SECTION

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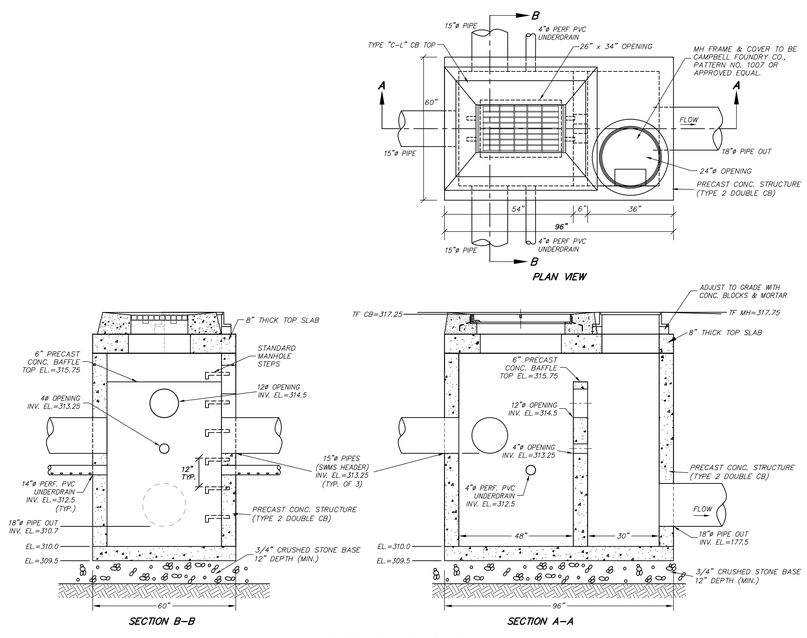
STORMTECH DC-780 TYPICAL CROSS-SECTION

N.T.S.



STORMTECH ISOLATOR ROW PROFILE

N.T.S.



OUTLET STRUCTURE #3

N.T.S.

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NO.	DESCRIPTION	DATE

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STORMWATER MANAGEMENT DETAILS

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2320 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT

Job No. 06-11D

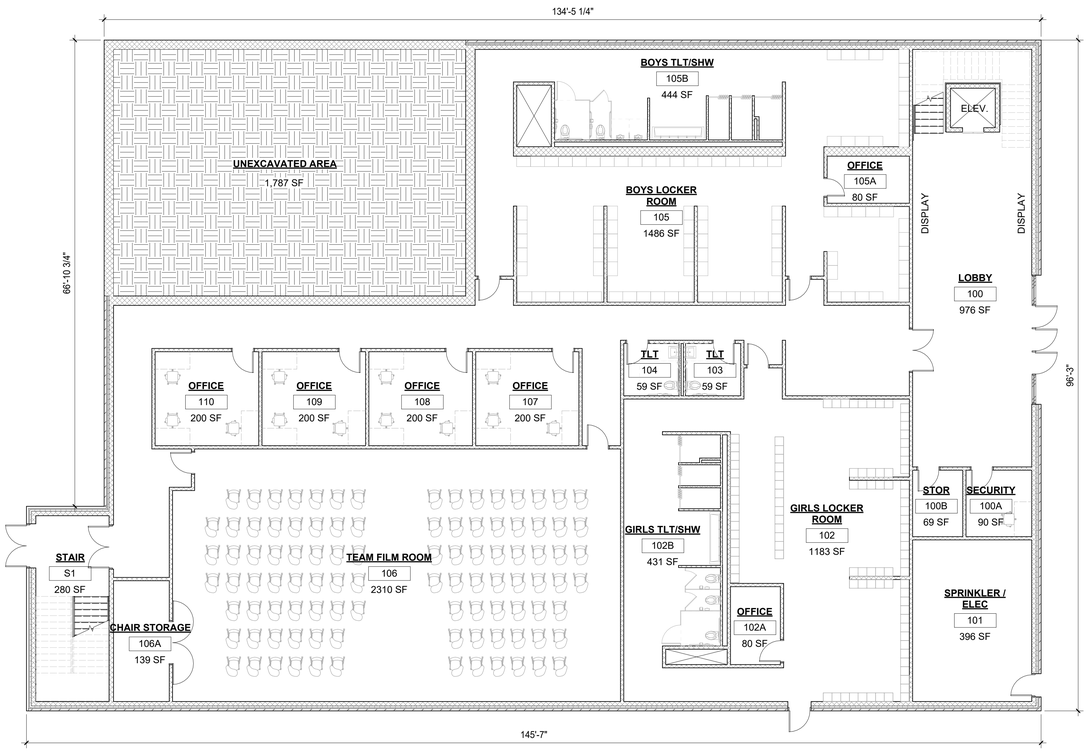
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Date: 9/16/26

Designed: D.W.S.

Drawn: K.D.K.

Sheet: C506



13,265 GSF

1 LEVEL 1
1/8" = 1'-0"

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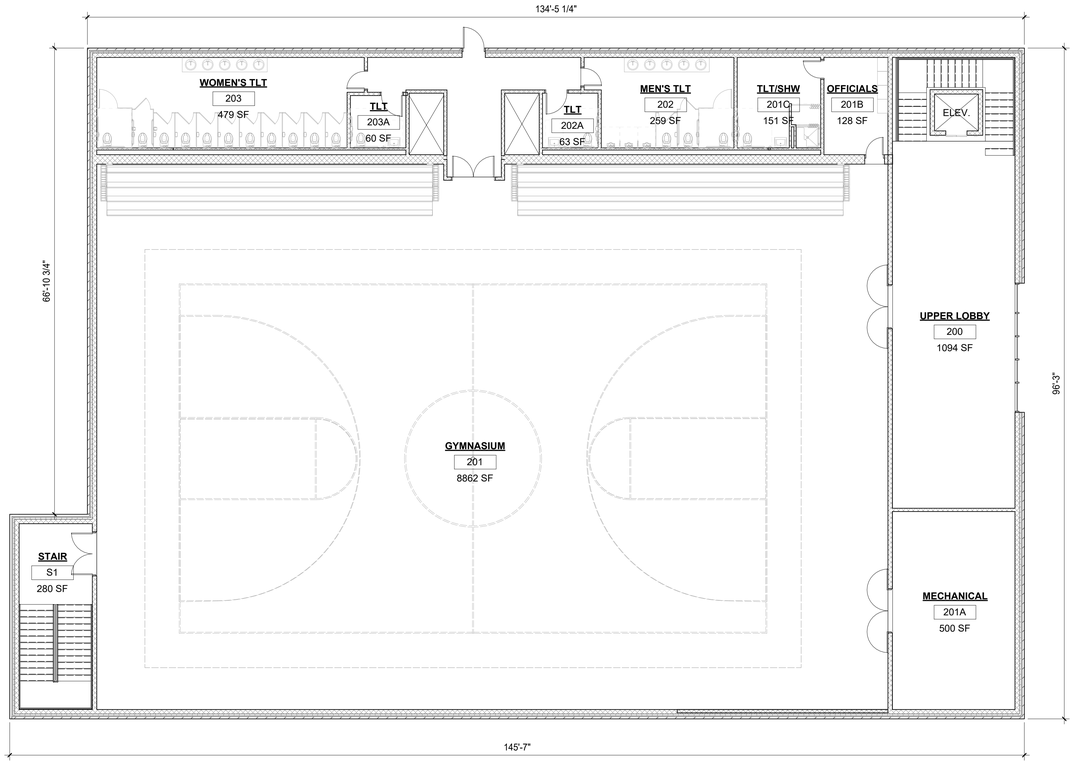
SCHEMATIC DESIGN SUBMISSION - 8/30/2024

PROJECT NORTH | MAGNETIC NORTH

OVERALL LOWER LEVEL FLOOR PLAN

Scale:	As Indicated
Job No.:	24003.00
Drawn By:	DRA
Date:	2/13/2026

A1-0-1



13,265 GSF

1 LEVEL 2
1/8" = 1'-0"

DRA

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SCHEMATIC DESIGN SUBMISSION - 8/30/2024

PROJECT NORTH | MAGNETIC NORTH

OVERALL UPPER LEVEL FLOOR PLAN

Scale:	As Indicated
Job No.:	24003.00
Drawn By:	DRA
Date:	2/13/2026

A1-0-2

ST JOSEPH HIGH SCHOOL

2320 Huntington Tpke, Trumbull, Connecticut

DRA PROJECT NO. 24003.00

TOWN OF TRUMBULL:
WETLANDS APPLICATION

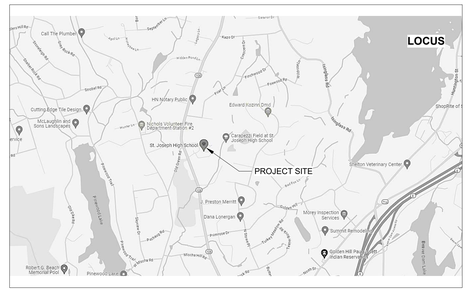


LIST OF DRAWINGS

		DATE
COVER SHEET		
CIVIL DRAWINGS		
1 of 3	PROPERTY SURVEY – OVERALL PLAN	7/14/26
1 of 3	PROPERTY SURVEY	7/14/26
1 of 3	PROPERTY SURVEY	7/14/26
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C102	SITE PLAN – WEST	9/16/26
C102	SITE PLAN – NORTH	9/16/26
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C201	EXIST. CONDITIONS, TREE REMOVAL AND DEMOLITION PLAN - WEST	9/16/26
C202	EXIST. CONDITIONS, TREE REMOVAL AND DEMOLITION PLAN – NORTH	9/16/26
C300	GRADING & UTILITY PLAN – EAST	9/16/26
C301	GRADING & UTILITY PLAN – WEST	9/16/26
C302	GRADING & UTILITY PLAN – NORTH	9/16/26
C400	EROSION CONTROL PLAN - EAST	9/16/26
C401	EROSION CONTROL PLAN - WEST	9/16/26
C402	EROSION CONTROL PLAN - NORTH	9/16/26
C500	EROSION CONTROL DETAILS	9/16/26
C501	DETAILS	9/16/26
C502	DETAILS	9/16/26
C503	DETAILS	9/16/26
C504	DETAILS	9/16/26
C505	DETAILS	9/16/26
C600	DRIVEWAY AND SEWER PROFILES	9/16/26

LIST OF DRAWINGS

		DATE
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L100	PLANTING PLAN PLANT LIST AND DETAILS	9/16/26
L101	PLANTING PLAN NORTH	9/16/26
L102	PLANTING PLAN EAST	9/16/26



ARCHITECT:
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South Windsor, CT 06074

DRA

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Consulting Engineer
56 Greenwood Circle
Seymour, CT 06483

LANDSCAPE ENGINEER:
Studio Brown, Inc.
24 Roland Street
Boston, MA 02129

STRUCTURAL ENGINEER:
Szewczak, Kilty & Fluhr
Structural Engineers, P.C.
200 Fisher Drive
Avon, CT 06001

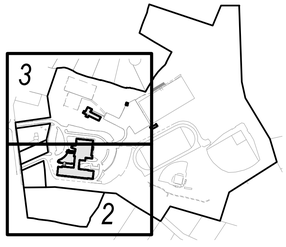
MEP ENGINEER:
Consulting Engineering Services
811 Middle Street
Middletown, CT 06457

FOODSERVICE CONSULTANT:
Crabtree McGrath Associates, Inc.
161 West Main Street
Georgetown, MA 01833

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DRA PROJECT NO. 24003.00

ST JOSEPH HIGH SCHOOL



SHEET INDEX

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3/15/2004

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& Trails

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#22 Isinglass Terrace

N/F
Sergio Orsanigo
Vol. 1709, Page 95
#28 Isinglass Terrace

N/F
Jason Teitelbaum
Vol. 1950, Page 710
#32 Isinglass Terrace

Property
line

N/F
Etemad Shahrokh &
Zamanian Elaheh
Vol. 1393, Pg. 102
#23 Applegate Lane

N/F
Fernando Fernandez &
Unara Massa-Fernandez
Vol. 1956, Page 612
#2426 Huntington Tpke

Property
line

Tennis Courts

Garage

Practice Field

Synthetic
Athletic
Field

1 Story Mas.
Building

Wetlands

APPLEGATE LANE

N/F
Laura & David
Costantini
Vol. 1891, Page 668
#2360 Huntington Tpke

2 Story Mas.
Building

Parking
Area

Field House

N/F
Joseph Juliano
& Regina Juliano
Vol. 1766, Pg. 809
#17 Applegate Lane

Driveway

OLD GREEN
ROAD

#2340
Huntington
Turnpike

HUNTINGTON
TURNPIKE
CT ROUTE 108

Parking Area

Driveway

#2320
Huntington
Turnpike

Synthetic Track

Synthetic
Athletic
Field

Baseball Field

N/F
Dennis J. & Joanne
McEnIry
Vol. 1291, Pg. 547
#11 Applegate Lane

#2328
Huntington
Turnpike

Driveway

ST. JOSEPH
HIGH SCHOOL

Driveway

Parking
Area

#2320 Huntington Turnpike

#2310
Huntington
Turnpike

Softball Field

Practice Field

Driveway

Wetlands

N/F
Jeffrey W. & Barbara M.
Strouse
Vol. 1531, Pg. 570
#80 Ironwood Road

#2262
Huntington Turnpike

Garage

N/F
Brian M. & Karen M. Debroff
Vol. 877, Pg. 388
#2220 Huntington Turnpike

N/F
Judith Mori
Vol. 1143, Pg. 200
#2242 Huntington Turnpike

N/F
Peter & Daisy
Barreiro
Vol. 1722, Pg. 966
#2218B Huntington Turnpike

N/F
Vibhavary M. & Mukesh H.
Shah, Trustees of The Mukesh H.
Shah Revocable Trust
Vol. 1349, Pg. 229
#64 Copper Kettle Road

N/F
Laura Cerino
Vol. 715, Pg. 281
#54 Copper Kettle Road

N/F
Jai R. & Sonali
Singh
Vol. 1056, Pg. 591
#86 Ironwood Road

IRONWOOD ROAD

N/F
Jaime Moreno &
Chante Moreno
Vol. 1764, Pg. 178
#67 Copper Kettle Road

COPPER KETTLE
ROAD

100 0 100 200

PARCEL DATA:

#2262 HUNTINGTON TURNPIKE
Parcel Area: 170,168 s.f., 3.9065 acres
Owner: SJHS Realty, LLC, 2320 Huntington Turnpike, Trumbull, CT 06611
Deed Ref: Vol. 1827, Pg. 57 of the Trumbull Land Records
Zone: Residential AA
Parcel ID: 106-1

#2310 HUNTINGTON TURNPIKE
Parcel Area: 34,722 s.f., 0.7971 acres
Owner: SJHS Realty, LLC, 2320 Huntington Turnpike, Trumbull, CT 06611
Deed Ref: Vol. 1827, Pg. 57 of the Trumbull Land Records
Zone: Residential AA
Parcel ID: 106-148

#2320 HUNTINGTON TURNPIKE
Parcel Area: 2,217,809 s.f., 50.9139 acres
Owner: SJHS Realty, LLC, 2320 Huntington Turnpike, Trumbull, CT 06611
Deed Ref: Vol. 1827, Pg. 62 of the Trumbull Land Records
Zone: Residential AA
Parcel ID: J06-86

#2328 HUNTINGTON TURNPIKE
Parcel Area: 25,068 s.f., 0.5755 acres
Owner: SJHS Realty, LLC, 2320 Huntington Turnpike, Trumbull, CT 06611
Deed Ref: Vol. 1827, Pg. 62 of the Trumbull Land Records
Zone: Residential AA
Parcel ID: 106-179

#2340 HUNTINGTON TURNPIKE
Parcel Area: 43,350 s.f., 0.9952 acres
Owner: SJHS Realty, LLC, 2320 Huntington Turnpike, Trumbull, CT 06611
Deed Ref: Vol. 1827, Pg. 57 of the Trumbull Land Records
Zone: Residential AA
Parcel ID: 106-178

NOTES:

1. This survey (map) has been prepared pursuant to the regulations of Connecticut State Agencies Sections 20-300b-1 through 20-300b-20 as revised 10-26-2018 and the Standards for Surveys and Maps in the State of Connecticut as adopted by the Connecticut Association of Land Surveyors, Inc; It is a Property/Boundary Survey based upon a Resurvey conforming to Horizontal Accuracy Class A-2 standards (See Sheets 2 & 3).
2. Reference Maps:
   A. Map entitled: "Property Survey prepared for St. Joseph High School, 2320 Huntington Turnpike, Trumbull, Connecticut; Scale: 1"=40'; Dated: 4/1/2015 and revised through 12/4/2017", by Michael H. Horbal, Land Surveyors - Planners.
   B. Map entitled: "Property Survey prepared for St. Joseph High School Properties, LLC, 2262 Huntington Turnpike, Trumbull, Connecticut, Scale: 1"=40'; Dated: 5/16/2016" by Michael H. Horbal, Land Surveyors-Planners.
   C. Map entitled: "Property & Topographic Survey prepared for St. Joseph High School Properties, LLC, 2310 Huntington Turnpike, Trumbull, Connecticut, Scale: 1"=20'; Dated: 4/2/2018" by Horbal & Judson, Land Surveyors & Associates.
   D. Map entitled: "Map of Survey of property in Trumbull, Conn. for: The Bridgeport Roman Catholic Diocesan Corporation; Dated: April 10, 1962; Scale: 1"=160'," by Fuller & Co. Inc.
3. Bearings and coordinates are based on Magnetic North 3/15/2004, see Reference Map 2.A.
4. Wetlands flagged by Paul J. Jaehnig - Wetlands and Soils Consulting, October, 2014, and located by field survey by field survey.
5. Parcels are NOT located within a Special Flood Hazard Area per National Flood Insurance Program, Flood Insurance Rate Map, Fairfield County, Connecticut, Panel 293 of 626; Map Number 09001C0293F; Effective Date: June 18, 2010.
6. Only surface features of utilities were field located, all underground utilities, structures and facility locations shown and depicted hereon have been compiled, in part by field location, from record mapping supplied by the respective utility companies or governmentalagencies, and from the owners representitives. These locations must be considered approximate in nature. Additionally, other such underground utilities are NOT shown, the existence and location of which are unknown to Horbal & Judson, Land Surveyors & Associates.
7. #2320 Huntington Turnpike is subject to:
   A. Special Exception recorded September 15, 1983 in Volume 500 at Page 135 of the Trumbull Land Records.
   B. Special Exception recorded October 20, 1983 in Volume 504 at Page 159 of the Trumbull Land Records.
   C. Variance recorded May 18, 1984 in Volume 521 at Page 29 of the Trumbull Land Records.
   D. Special Exception recorded October 26, 2006 in Volume 1405 at Page 372 of the Trumbull Land Records.
   E. Special Permit recorded August 1, 2011 in Volume 1569 at Page 578 of the Trumbull Land Records.
   F. Special Permit recorded April 18, 2013 in Volume 1633 at Page 19 of the Trumbull Land Records.
   G. Slope rights and Drainage rights recorded June 21, 1989 in Volume 690 at Page 104 of the Trumbull Land Records and indicated on Trumbull Land Records Map #2562 (Reference map 2.C.) and depicted hereon.
   H. Easement in favor of Albert J. and Mary F. Viglione along the southerly line of their property to Huntington Turnpike as reserved in Volume 141 at Page 559 of the Trumbull Land Records.
   I. Special Permit recorded March 1, 2017 in Volume 1737 at Page 494 of the Trumbull Land Records.
   J. all laws, ordinances, municipal regulations, and rights of record that may exist.
8. #2262, 2310, 2328, & 2340 Huntington Turnpike are subject to all laws, ordinances, municipal regulations, and rights of record that may exist.

THIS MAP IS NOT VALID WITHOUT SURVEYOR'S LIVE SIGNATURE AND EMBOSSED SEAL.

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

DATE: 7/14/2026

JESSE T. JUDSON L.S. REG. NO. 70390

STATE OF CONNECTICUT JESSE T. JUDSON 70390 LICENSED LAND SURVEYOR

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REVISIONS		
NO.	DESCRIPTION	DATE

OVERALL PLAN

#2262, 2310, 2320, 2328, 2340 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT

PREPARED FOR

SJHS REALTY, LLC

HORBAL & JUDSON
Land Surveyors & Associates
52 Main Street, Seymour, Connecticut (203)888-9660

Scale:	1"=100'
Date:	7/14/2026
Sheet:	1 of 3
Checked By:	G.P.D.
Drawn By:	J.T.J.
F.B. No.	476 & 477
CAD No.	d2750.dwg
Disk:	56/15
Job No.	D-2750

MATCHLINE – SEE SHEET 3 OF 3

#2328
Huntington Turnpike
Parcel ID: I06–179

#2320
Huntington Turnpike
Parcel ID: J06–86

#2310
Huntington Turnpike
Parcel ID: I06–148

#2262 Huntington Turnpike
Parcel ID: I06–1

N/F
Judith Mori
Vol. 1143, Pg. 200
#2242 Huntington Turnpike

N/F
Brian M. & Karen M. Debroff
Vol. 877, Pg. 388
#2220 Huntington Turnpike

N/F
Brian M. & Karen M. Debroff
Vol. 877, Pg. 388
#2220 Huntington Turnpike

N/F
Peter & Daisy
Barreiro
Vol. 1722, Pg. 966
#2218B Huntington Turnpike

HUNTINGTON TURNPIKE

CT ROUTE 108

Magnetic North

3/15/2004

SHEET INDEX

L E G E N D

Mon.	Monument	CL&P	Connecticut Light & Power Utility Pole w/ number
I. pipe	Iron Pipe	U.I.	United Illuminating Co. Utility Pole w/ number
I. pin	Iron Pin		Utility pole with guy wire
D.H.	Drill Hole	UGE	Underground Electric Wire
	Property Line	OHE	Overhead Electric Wire
	Adjacent Property Line		Light Post
	Fence	M.H.	Manhole
	Barbed Wire Fence	C.B. or LI	Catch Basin or Lawn Inlet
	Stone Wall	C.O.	Clean Out
6" or 6"	Tree with D.B.H.	W.G.	Water Gate Valve
	Guide Rail	G.G.	Gas Gate Valve
	Brush/tree line		Gas service location
	Retaining wall		Stormwater Sewer Pipe
–160–	10 foot contour with elevation	W	Water main
–162–	2 foot contour with elevation	G	Gas main
169.3 ×	Spot elevation	S	Sanitary Sewer Pipe
	Wetlands	WS	Water Service Lateral
WF#	Wetland Boundary w/flag #	GS	Gas Service Lateral
	Water line	SS	Sanitary Sewer Lateral
FB	Flood Boundary		
	Ledge or Rock		

Fnd.	Found
n/f	Now or Formerly
Typ.	Typical
Ex.	Existing
w/	with
CHD	CT Highway Dept.
CDOT	CT Dept. of Transportation
San.	Sanitary
6' C.L.F.	Chain Link Fence w/ height
P.V.C.	Polyvinyl Chloride Pipe
R.C.P.	Reinforced Concrete Pipe
HDPP	High Density Plastic Pipe
C.M.P.	Corrugated Metal Pipe
El. or Elev.	Elevation
I.E.	Invert Elevation
Bit.	Bituminous
Conc.	Concrete
Mas.	Masonry
BCLC	Bituminous Concrete Lip Curb
CC	Concrete Curb
S.F.H.A.	Special Flood Hazard Areas

40 0 40 80

THIS MAP IS NOT VALID WITHOUT SURVEYOR'S LIVE SIGNATURE AND EMBOSSED SEAL.

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

Jesse T. Judson DATE: 7/14/2026

JESSE T. JUDSON L.S. REG. NO. 70390

STATE OF CONNECTICUT JESSE T. JUDSON 70390 LICENSED LAND SURVEYOR

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REVISIONS		
NO.	DESCRIPTION	DATE

PROPERTY SURVEY

#2262, 2310, 2320, 2328, 2340 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT


PREPARED FOR

SJHS REALTY, LLC

HORBAL & JUDSON
Land Surveyors & Associates
52 Main Street, Seymour, Connecticut (203)888–9660

Scale:	1"=40'
Date:	7/14/2026
Sheet:	2 of 3
Checked By:	G.P.D.
Drawn By:	J.T.J.
F.B. No.	476 & 477
CAD No.	d2750.dwg
Disk:	56/15
Job No.	D–2750

LINE	BEARING	DISTANCE
L1	N82°42'40"E	8.57'
L2	N86°15'29"E	34.16'
L3	N73°33'23"E	11.46'
L4	N89°17'40"E	14.39'
L5	S72°54'34"E	25.51'
L6	S68°07'55"E	29.51'
L7	S56°34'23"E	9.39'
L8	S72°17'53"E	9.57'
L9	S54°42'08"E	11.96'
L10	S60°27'50"E	27.61'
L11	S69°40'42"E	64.30'
L12	S74°50'17"E	32.56'
L13	S74°12'43"E	50.95'
L14	S74°28'04"E	58.23'
L15	N40°26'40"E	3.16'
L16	S74°07'44"E	24.76'
L17	S74°58'28"E	35.75'
L18	S81°32'32"E	7.75'
L19	S67°23'31"E	9.61'
L20	N60°24'36"E	0.92'
L21	S71°44'46"E	36.02'
L22	S64°05'18"E	10.74'
L23	S70°02'08"E	23.44'
L24	S70°51'29"E	32.95'
L25	S72°17'03"E	26.08'
L26	S78°43'14"E	20.64'
L27	N22°44'22"E	3.01'
L28	S80°06'48"E	12.11'
L29	N89°35'24"E	10.32'
L30	N75°15'21"E	5.87'
L31	S67°14'41"E	6.71'
L32	S78°39'27"E	15.11'
L33	S79°00'27"E	19.62'
L34	S73°16'08"E	16.91'
L35	S77°01'19"E	18.48'
L36	S73°08'01"E	21.33'
L37	S76°04'49"E	16.94'
L38	S67°46'06"E	19.54'
L39	N27°37'08"E	37.75'
L40	N33°08'39"E	16.04'
L41	N31°59'26"E	19.00'
L42	N27°08'39"E	10.76'
L43	N31°58'52"E	29.14'



THIS MAP IS NOT VALID WITHOUT SURVEYOR'S LIVE SIGNATURE AND EMBOSSED SEAL.

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

DATE: 7/14/2026

JESSE T. JUDSON L.S. REG. NO. 70390

STATE OF CONNECTICUT JESSE T. JUDSON 70390 LICENSED LAND SURVEYOR

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REVISIONS		
NO.	DESCRIPTION	DATE

PROPERTY SURVEY

#2262, 2310, 2320, 2328, 2340 HUNTINGTON TURNPIKE

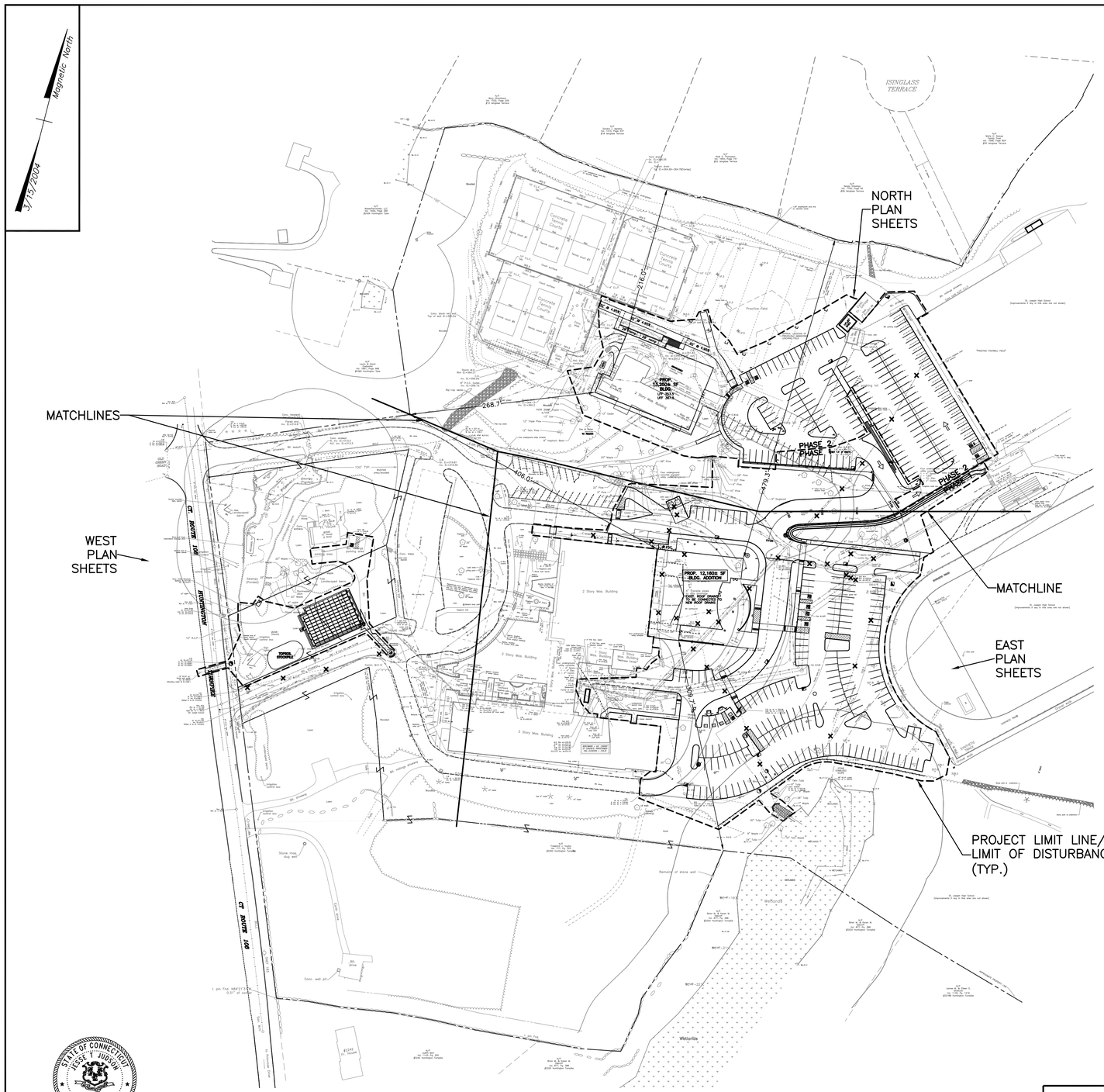
TRUMBULL, CONNECTICUT

PREPARED FOR

SJHS REALTY, LLC

HORBAL & JUDSON
Land Surveyors & Associates
52 Main Street, Seymour, Connecticut (203)888-9660

Scale: 1"=40'
Date: 7/14/2026
Sheet: 3 of 3
Checked By: G.P.D.
Drawn By: J.T.J.
F.B. No. 476 & 477
CAD No. d2750.dwg
Disk: 56/15
Job No. D-2750



LEGEND

14" Dogwood	Trees w/size D.B.H. (diameter breast high)	C.L.&P.	Utility Pole owned by C.L.&P.
Mon.	Monument	M.H.	Manhole
I. pipe	Iron Pipe	C.B. or LI	Catch Basin or Lawn Inlet
I. pin	Iron Pin	W.G.	Water Gate Valve
	Property Line		Light Post
	Adjacent Property Line		Bollard Style Light Post
	Fence		Ground mounted light fixture
	Guide Rail	C.O.	Clean Out
	Stone Wall	G.G.	Gas Gate Valve
	Underground Utility Conduit	D.W.M.	Detectable warning mat
WL #	Wetlands Boundary Flag w/number		Parking sign
	Storm Water Sewer Pipe		Prop. Manhole
	Underground Cable TV Wire		Prop. Catch Basin
	Underground Electric Wire	WS	Water Service Lateral
	Underground AT&T Conduit	160	10 foot contour with elevation
	Overhead Utility Wires	162	2 foot contour with elevation
W	Water main	169.3 ×	Spot elevation
GS	Gas main or service lateral		Stone masonry wall
	Sanitary Sewer Pipe	162	Prop. contour with elevation
	Treeline	169.3 ×	Prop. spot elevation
	Silt fence		

	Flush Conditions
CC	Concrete Curb
Fnd.	Found
n/f	Now or Formerly
W.W.F.	Woven Wire Fence
w/	with
●RL	Roof leaders
I.V.B.	Irrigation Valve Box
P.V.C.	Polyvinyl Chloride Pipe
R.C.P.	Reinforced Concrete Pipe
H.D.P.P.	High Density Plastic Pipe
San.	Sanitary
Inv.	Invert
el. or elev.	Elevation
bit.	Bituminous
conc.	Concrete
Mas.	Masonry
BC or BCLC	Bituminous Concrete Lip Curb
Max.	Maximum
Ex. or Exist.	Existing
XXX x BO ×	Prop. spot elev. Bot. of Curb
XXX x TO ×	Prop. spot elev. Top of Curb

PARKING SUMMARY

LOCATION	EXISTING	PROPOSED
UPPER LOT	114	151 4H
CONVENT	33	—
NORTH LOT	69	34
FRONT	45	45
BROWN HOUSE	0	5 1H
VISITOR	9	9
REAR	169	154 + 4 E.V. 4H
TOTAL	439	428 + 4 E.V.+ 9H 441 TOTAL SPACES

Table 1 Parking Demand Using ITE Data

	Land Use 534, Private High School				Land Use 525, High School			
Students	Average Rate	Max Rate	Average Demand	Max Demand	Average Rate	Max Rate	Average Demand	Max Demand
602	0.27	0.34	163	205	0.26	0.32	157	193

ZONING COMPLIANCE SUMMARY

STANDARD: ZONE RESIDENTIAL AA	REQUIRED	EXISTING BLDG.	PROPOSED NEW BLDG.
MIN. LOT SIZE (S.F.) (Ac.)	43,560 1.0	2,217,809 50.91±	
MIN. LOT WIDTH	200'	774.2'	
MIN. SETBACK FROM FRONT PROPERTY LINE	50'	100'±	269'±
MIN. SETBACK FROM SIDE PROPERTY LINE	20'	100'±	216'±
MIN. SETBACK FROM REAR PROPERTY LINE	50'	1327'±	1200'±
MAX. BUILDING HEIGHT	40'g	<40'	<43'*

g; SEE 3.3 OF ARTICLE 1.
*VARIANCE REQUIRED.

NOTES:

1. Base survey information furnished by Horbal & Judson, Land Surveyors and Associates, 52 Main Street, Seymour, CT 06483, 203-888-9660.

   This survey (map) has been prepared pursuant to the regulations of Connecticut State Agencies Sections 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 September 26, 1996; It is a Data Accumulation Plan intended for general site planning purposes.

   a. Improvements shown hereon were field located to Horizontal Accuracy Class A-2 on or between 3/15/2004 and 10/8/2026.

   b. The topography shown here is a compilation of field data and record mapping conforming to Topographic Accuracy Class T-D.

2. Elevations shown are based on ST. JOSEPH HIGH SCHOOL Datum.

3. Parcels are depicted as:
   - 2262 Hunt. Tpk. Lot #1 Tax Assessors Map 16
   - 2310 Hunt. Tpk. Lot #148 Tax Assessors Map 16
   - 2320 Hunt. Tpk. Lot #86 Tax Assessors Map J6
   - 2328 Hunt. Tpk. Lot #179 Tax Assessors Map 16
   - 2340 Hunt. Tpk. Lot #178 Tax Assessors Map 16

4. Area of parcels:
   - 2262 Hunt. Tpk. = 170,168 s.f., 3.9065± acres.
   - 2310 Hunt. Tpk. = 34,722 s.f., 0.7971± acres.
   - 2320 Hunt. Tpk. = 2,217,809 s.f., 50.913± acres.
   - 2328 Hunt. Tpk. = 25,068 s.f., 0.47± acres.
   - 2340 Hunt. Tpk. = 43,350 s.f., 0.995± acres.

   - Merged Parcel Data (in process):
     2320 Hunt. Tpk. = 2,491,117 s.f., 57.19± acres.

5. Underground utility, structure and facility locations depicted and noted hereon have been compiled, in part, from record mapping supplied by the respective utility companies, governmental agencies, St. Joseph High School records, and various contractors. These locations must be considered approximate in nature. Additionally, other such features may exist on the site, the existence of which are unknown to Horbal & Judson, Land Surveyors and Associates, and to Donald W. Smith, Jr., Professional Engineer.

6. Notify "Call Before You Dig" (1-800-922-4455) at least 72 hours in advance of construction, and have all utilities marked on the ground.

7. Owner & Applicant: SJHS Realty LLC
   2320 Huntington Turnpike
   Trumbull, CT 06611

DRAWINGS ARE FOR LAND USE APPROVAL ONLY AND ARE NOT INTENDED FOR CONSTRUCTION

GRAPHIC SCALE:
80 0 80 160

STATE OF CONNECTICUT JESSE T. JUDSON 70390 LICENSED LAND SURVEYOR

Jesse T Judson

HORBAL & JUDSON
LAND SURVEYORS & ASSOCIATES
52 Main Street, Seymour
Connecticut, 06483, Phone (203) 888-9660

STATE OF CONNECTICUT DONALD W. SMITH, JR. 15404 LICENSED PROFESSIONAL ENGINEER

Donald W. Smith

REVISIONS		
NO.	DESCRIPTION	DATE

Drummey Rosane Anderson, Inc.
DRA
225 Oakland Road, Studio 205, South Windsor, CT 06074 Tel: 860.644.8300
260 Charles Street, Studio 300, Waltham, MA 02453 Tel: 617.964.1700
Planning | Architecture | Interior Design
www.draws.com

DONALD W. SMITH, JR., P.E.
CONSULTING ENGINEER
56 GREENWOOD CIRCLE SEYMOUR, CT 06483
Tel. 203-888-4904 Fax 203-881-3434 dwsjrpe@sbcglobal.net

OVERALL SITE PLAN

ST. JOSEPH HIGH SCHOOL

2320 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT

Job No. 06-11D
Scale: 1"=80'
Date: 9/16/26
Designed: D.W.S.
Drawn: K.D.K.
Sheet: C100

Magnetic North
3/15/2004

REINSTALL SALVAGED FLAGSTONE PAVERS

13'x20' DUMPSTER ENCLOSURE –SEE DETAIL SHEET C502

MATCH LINE – SHEET C102

PHASE 1

12"W WHITE STOP BAR

4" S.Y.C.L.

8"W WHITE CROSSWALK (TYP.) –SEE DETAIL SHEET C501

BIT. CONC. CURB (BC) IN ALL LOCATIONS EXCEPT WHERE NOTED CC FOR CONCRETE CURB (TYP.)

LIMIT OF DISTURBANCE

175 L.F. METAL REINFORCED WOOD GUIDERAIL

6' RAMP W/ TAPERED CURB

END OF PVMT.

6' TAPERED CURB

CONC. SIDEWALK W/ INTEGRAL CURB

PAINTED PVMT. MARKINGS (TYP.) –SEE DETAIL SHEET C501

ACCESSIBLE PVMT. MARKINGS & SIGNAGE/BOLLARD (TYP.) –SEE DETAIL SHEET C501

SURFACE CODE (TYP.)

PARKING SPACE COUNT (TYP.)

MATCH LINE – SHEET C101

PROP. 12,160± SF BLDG. ADDITION

STOP SIGN (TYP.)

NO PARKING LOADING ZONE SIGN & WHITE PVMT. MARKINGS

DETECTABLE WARNING (TYP.)

4" YELLOW DASHED LANE LINE (TYP.)

EV CHARGING STATION SIGN & ACCESSIBLE EV CHARGING –USE LAST SIGN

CONC. STAIRS (4 RISERS) –SEE DETAIL SHEET C502

EV CHARGING STATION SIGN

WHITE PAINTED PVMT. MARKINGS

DROP-OFF STUDENT

6'x19' CONC. GENERATOR SLAB

4" BOLLARDS (TYP., 2 PAIRS)

BENCHMARK = N.E. CORNER OF CONCRETE TRANSFORMER PAD, ELEVATION = 318.35

330± L.F. 4' CHAIN LINK FENCE

RIPRAP SLOPE

LIMIT OF DISTURBANCE

STONE STABILIZED SLOPE

WETLANDS

SYNTHETIC TURF FIELD

2 Story Mas. Building

1 Story Mas. Building

3 Story Mas. Building

"Wellness Center"

Courtyard

Lawn

Bit. drive

Bit. paving lot

Flagstone walk

Flagstone patio

Landscape bed

Stone mas. bench

Statue pedestal

Flagstone walk

Mas. wall

Mas. column, Typical

Roof over conc. walk

Line of roof overhang

Light base

Flag pole

Door sill el. = 329.79

Door sill el. = 329.71

Approx. location of pipe tunnel Floor elev. = 324.86

Floor el.=322.95 (Lower level)

Approx. location of sewer lateral

Floor el.=318.99 Lower level

Gar. Floor el.=318.05

Yard drain

Line of roof canopy

F.F. el.= 318.07 (Basement)

F.F. el.=320.50

Door sill el. = 318.21 Lower level

Door sill el. = 323.03 First level

Door sill el. = 323.03 Lower level

Gas meter

Sewer cleanout

Conc. walkway

Conc. steps

Bollards

Lawn

Cedar

Maple

Twin 5" Cedar

10" Cedar

Woods

Wetlands (Existing)

Tree

Shrub

Lamp post (Typical)

Hemlock

Pine

Oak

Maple

Cherry

Exposed Rock

Grade flat

Gore

Foreboard

Fire Lane

Fire Hydrant

Sprinkler Riser

Gas Shut-off

Elec. Meter

Elec. Box

Elec. Manhole

Elec. Transformer

Elec. Pedestal

Utility Pole

Guy Wire

Light Pole

Bollard

Flood Light

Wall Pack

Sign

Catch Basin

Manhole

Clean Out

Gas Gate Valve

Water Gate Valve

Water Service Lateral

Roof leaders

Irrigation Valve Box

Bituminous Concrete Pipe

Reinforced Concrete Pipe

Polyvinyl Chloride Pipe

High Density Plastic Pipe

Sanitary Manhole

Invert

Elevation

Bituminous Concrete

Concrete

Masonry

Bituminous Concrete Lip Curb

Maximum

Existing

Prop. spot elev. Bot. of Curb

Prop. spot elev. Top of Curb

SYMBOL	DESCRIPTION	CROSS SECTION
C_S	CONCRETE SIDEWALK	Broom finish, score lines @ 30 s.f. ±, expansion joints @ 30' o.c. min. 1/4" per foot cross slope 4", 3,000 # Cement concrete (3/4" stone) 6" X 6" – 10/10 Welded wire fabric* 4" Compacted gravel base Subgrade (common backfill) *Plus #4 dowels into bldg. @ 12" o.c. at all doorways)
G	GRASS	Lime, fertilizer and grass seed 6" Min., topsoil (no stones larger than 1") Subgrade (common backfill)
P	BITUMINOUS CONCRETE PAVEMENT	1-1/2" Class 2 1-1/2" Class 1 12" Processed aggregate, bank run gravel or reclaimed misc. aggregate (compacted) Subgrade (common backfill)
L_B	LANDSCAPE BED	2" Min. pine bark nuggets SEE LANDSCAPE PLANS Subgrade (common backfill)
B_{PV}	BLUESTONE PAVERS	Bluestone Pavers Setting bed 6" Cement concrete slab –see spec., w/ 6"x6" 10/10 welded wire fabric, 2" clear 6" (min.) Processed aggregate (compacted) Subgrade (common backfill) or exist.
C_P	CONCRETE PAD	Broom finish, score lines @ 30 s.f. ±, expansion joints @ 30' o.c. min. 1/4" per foot cross slope 12", 3,000 # Cement concrete (3/4" stone) #4 Bars @ 12" O.C., E.W. 12" Processed aggregate base, compacted Subgrade (common backfill)

SURFACE CODE LEGEND
N.T.S.

DRAWINGS ARE FOR LAND USE APPROVAL ONLY AND ARE NOT INTENDED FOR CONSTRUCTION

GRAPHIC SCALE:
30 0 30 60

SEE SHEET C100 FOR NOTES.

LEGEND

- 14" Dogwood — Trees w/size D.B.H. (diameter breast high)
- Mon. — Monument
- I. pipe — Iron Pipe
- I. pin — Iron Pin
- Property Line
- Adjacent Property Line
- Fence
- Guide Rail
- Stone Wall
- UGC — Underground Utility Conduit
- WL # — Wetlands Boundary Flag w/number
- Storm Water Sewer Pipe
- CATV — Underground Cable TV Wire
- UGE — Underground Electric Wire
- AT — Underground AT&T Conduit
- OHE — Overhead Utility Wires
- W — Water main
- GS — Gas main or service lateral
- S — Sanitary Sewer Pipe
- Treeline
- Silt fence
- C.L.&P. — Utility Pole owned by C.L.&P.
- M.H. — Manhole
- C.B. or I. — Catch Basin or Lawn Inlet
- W.G. — Water Gate Valve
- Light Post
- Bollard Style Light Post
- Ground mounted light fixture
- C.O. — Clean Out
- G.G. — Gas Gate Valve
- D.W.M. — Detectable warning mat
- Parking sign
- Prop. Manhole
- Prop. Catch Basin
- WS — Water Service Lateral
- 160 — 10 foot contour with elevation
- 162 — 2 foot contour with elevation
- 169.3 × — Spot elevation
- Stone masonry wall
- 162 — Prop. contour with elevation
- 169.3 × — Prop. spot elevation
- Flush Conditions
- CC — Concrete Curb
- Fnd. — Found
- n/f — Now or Formerly
- W.W.F. — Woven Wire Fence
- w/ — with
- RL — Roof leaders
- I.V.B. — Irrigation Valve Box
- P.V.C. — Polyvinyl Chloride Pipe
- R.C.P. — Reinforced Concrete Pipe
- H.D.P.P. — High Density Plastic Pipe
- San. — Sanitary
- Inv. — Invert
- el. or elev. — Elevation
- bit. — Bituminous
- conc. — Concrete
- Mas. — Masonry
- BC or BCLC — Bituminous Concrete Lip Curb
- Max. — Maximum
- Ex. or Exist. — Existing
- XXX.X BC × — Prop. spot elev. Bot. of Curb
- XXX.X TC × — Prop. spot elev. Top of Curb

STATE OF CONNECTICUT JESSE T. JUDSON 70390 LICENSED LAND SURVEYOR

HORBAL & JUDSON
LAND SURVEYORS & ASSOCIATES
52 Main Street, Seymour
Connecticut, 06483, Phone (203) 888-9660

STATE OF CONNECTICUT DONALD W. SMITH, JR. 15404 LICENSED PROFESSIONAL ENGINEER

REVISIONS		
NO.	DESCRIPTION	DATE

Drummey Rosane Anderson, Inc.
225 Oakland Road, Studio 205, South Windsor, CT 06074, Tel: 860.644.8300
260 Charles Street, Studio 300, Waltham, MA 02453, Tel: 617.964.1700
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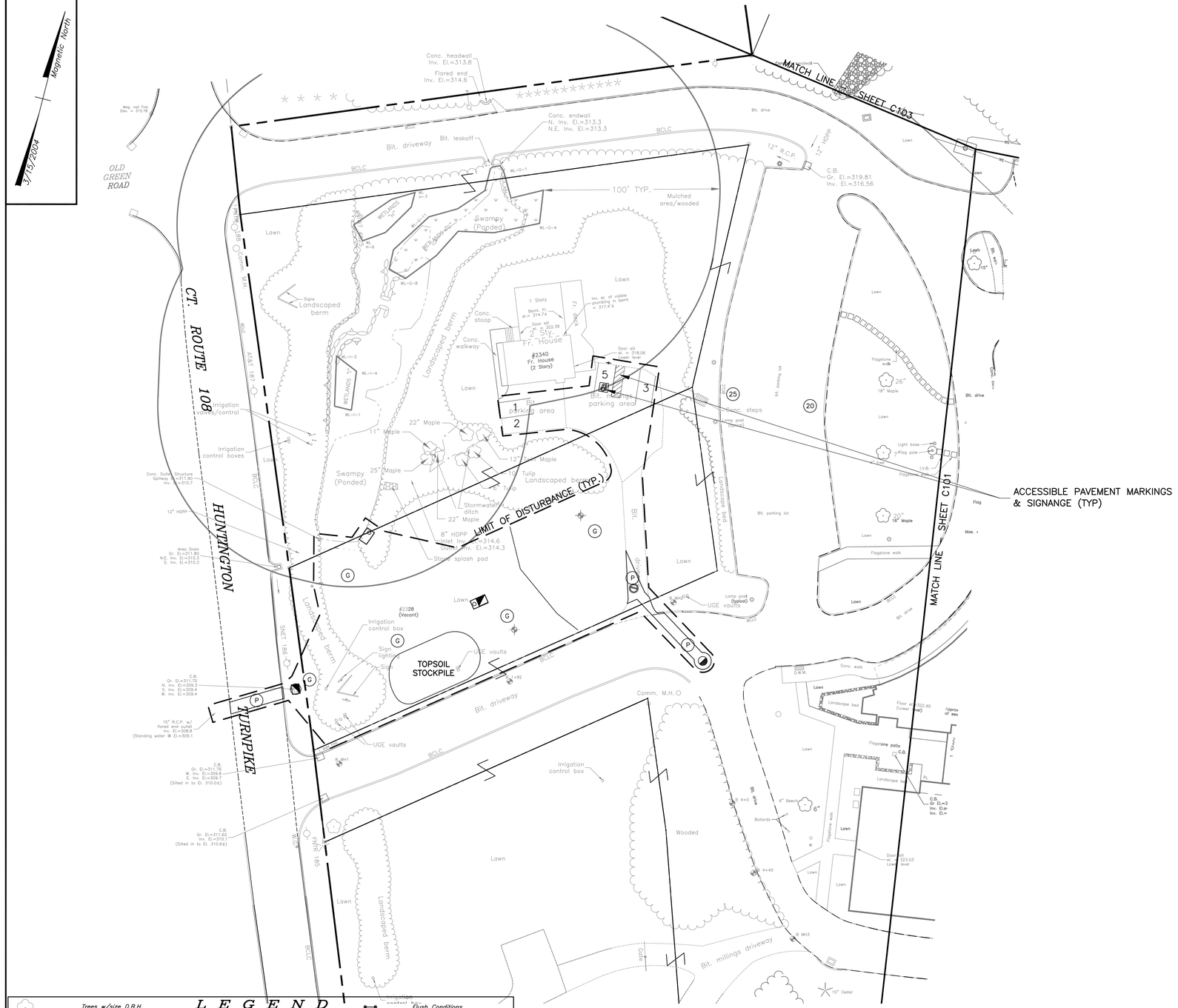
SITE PLAN – EAST

ST. JOSEPH HIGH SCHOOL

2320 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT

Job No. 06-110
Scale: 1"=30'
Date: 9/16/26
Designed: D.W.S.
Drawn: K.D.K.
Sheet: C101



SYMBOL	DESCRIPTION	CROSS SECTION
(Cs)	CONCRETE SIDEWALK	Broom finish, score lines @ 30 s.f. ±, expansion joints @ 30' o.c. min. 1/4" per foot cross slope 4", 3,000 # Cement concrete (3/4" stone) 6" X 6" – 10/10 Welded wire fabric* 4" Compacted gravel base Subgrade (common backfill) *Plug #4 dowels into bldg. @ 12" o.c. at all doorways)
(G)	GRASS	Lime, fertilizer and grass seed 6" Min., topsoil (no stones larger than 1") Subgrade (common backfill)
(P)	BITUMINOUS CONCRETE PAVEMENT	1-1/2" Superpave 0.5 1-1/2" Superpave 0.5 12" Processed aggregate, bank run gravel or reclaimed misc. aggregate (compacted) Subgrade (common backfill)
(Lg)	LANDSCAPE BED	2" Min. pine bark nuggets Subgrade (common backfill)

SURFACE CODE LEGEND

N.T.S.

LEGEND

14" Dogwood	Trees w/size D.B.H. (diameter breast high)	C.L.&P.	Utility Pole owned by C.L.&P.
Mon.	Monument	M.H.	Manhole
I. pipe	Iron Pipe	C.B. or LI	Catch Basin or Lawn Inlet
I. pin	Iron Pin	W.G.	Water Gate Valve
	Property Line		Light Post
	Adjacent Property Line		Bollard Style Light Post
	Fence		Ground mounted light fixture
	Guide Rail	C.O.	Clean Out
	Stone Wall	G.G.	Gas Gate Valve
UGC UGC	Underground Utility Conduit	D.W.M.	Detectable warning mat
WL #	Wetlands Boundary Flag w/number		Parking sign
	Storm Water Sewer Pipe		Prop. Manhole
CATV CATV CATV	Underground Cable TV Wire		Prop. Catch Basin
UGE UGE UGE	Underground Electric Wire	WS	Water Service Lateral
AT AT AT AT AT	Underground AT&T Conduit	-160-	10 foot contour with elevation
OHE	Overhead Utility Wires	-162-	2 foot contour with elevation
W	Water main	169.3 ×	Spot elevation
GS	Gas main or service lateral		Stone masonry wall
S S	Sanitary Sewer Pipe	162	Prop. contour with elevation
	Treeline	169.3×	Prop. spot elevation
	Silt fence		

	Flush Conditions	CC	Concrete Curb
Fnd.	Found	n/f	Now or Formerly
W.W.F.	Woven Wire Fence	w/	with
RL	Roof leaders	I.V.B.	Irrigation Valve Box
P.V.C.	Polyvinyl Chloride Pipe	R.C.P.	Reinforced Concrete Pipe
H.D.P.P.	High Density Plastic Pipe	San.	Sanitary
Inv.	Invert	el. or elev.	Elevation
bit.	Bituminous	conc.	Concrete
Mas.	Masonry	BC or BCLC	Bituminous Concrete Lip Curb
Max.	Maximum	Ex. or Exist.	Existing
xxx.x BC ×	Prop. spot elev. Bot. of Curb	xxx.x TC ×	Prop. spot elev. Top of Curb

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STATE OF CONNECTICUT JESSE T. JUDSON 70390 LICENSED LAND SURVEYOR

STATE OF CONNECTICUT DONALD W. SMITH, JR. 15404 LICENSED PROFESSIONAL ENGINEER

DRAWINGS ARE FOR LAND USE APPROVAL ONLY AND ARE NOT INTENDED FOR CONSTRUCTION

GRAPHIC SCALE: 30 0 30 60

SEE SHEET C100 FOR NOTES.

REVISIONS		
NO.	DESCRIPTION	DATE

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SITE PLAN – WEST

ST. JOSEPH HIGH SCHOOL

2320 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT

Job No. 06-110
Scale: 1"=30'
Date: 9/16/26
Designed: D.W.S.
Drawn: K.D.K.
Sheet: C102

SYMBOL	DESCRIPTION	CROSS SECTION
(Cs)	CONCRETE SIDEWALK	Broom finish, score lines @ 30 s.f. ±, expansion joints @ 20' o.c. min. 1/4" per foot cross slope 4", 3,000 # Cement concrete (3/4" stone) 6" X 6" – 10/10 Welded wire fabric* 4" Compacted gravel base Subgrade (common backfill) *Plus #4 dowels into bldg. @ 12" o.c. at all doorways)
(G)	GRASS	Lime, fertilizer and grass seed 6" Min., topsoil (no stones larger than 1") Subgrade (common backfill)
(P)	BITUMINOUS CONCRETE PAVEMENT	1–1/2" Class 2 1–1/2" Class 1 12" Processed aggregate, bank run gravel or reclaimed misc. aggregate (compacted) Subgrade (common backfill)
(Ps)	BITUMINOUS CONCRETE WALK	2" Class 2 Bit. Concrete 6" Processed aggregate, bank run gravel or reclaimed misc. aggregate (compacted) Subgrade (common backfill)
(LB)	LANDSCAPE BED	2" Min. pine bark nuggets *SEE LANDSCAPE PLANS* Subgrade (common backfill)
(Sc)	STONE LINED CHANNEL	3–4"ø River Rock 6" Weed block fabric Subgrade (common backfill)

SURFACE CODE LEGEND

N.T.S.

27" LONG TAPERED CURB

BIT. CONC. CURB (BC) IN ALL LOCATIONS EXCEPT WHERE NOTED CC FOR CONCRETE CURB (TYP.)

EXIST. GRAVEL WALK TO REMAIN

STONE LINED CHANNEL

PAINTED PVMT. MARKINGS (TYP.) –SEE DETAIL SHEET C501

ACCESSIBLE PARKING SIGNS & BOLLARDS –SEE DETAIL SHEET C501

NO PARKING LOADING ZONE SIGN & WHITE PVMT. MARKINGS

REMOVE & RESET EXIST. GATE, GATE POST & 2 LATCH POSTS

ACCESSIBLE PARKING SIGNS –SEE DETAIL SHEET C501

DETECTABLE WARNING (TYP.)

6'x10' CONC. GENERATOR SLAB COORD. CONDUITS SIZE/LOC. W/ GENERATOR SUPPLIER

NO PARKING FIRE LINE SIGNS

FIRE LINE PVMT. MARKINGS –SEE DETAIL SHEET C501

CONC. SIDEWALK W/ INTEGRAL CURB

162 L.F. METAL REINFORCED WOOD GUIDERAIL

NO RIGHT TURN SIGN & ONE WAY SIGN

DO NOT ENTER SIGN & ONE WAY SIGN

2 ONE WAY SIGNS

ONE WAY SIGN

NO RIGHT TURN SIGN

DRAWINGS ARE FOR LAND USE APPROVAL ONLY AND ARE NOT INTENDED FOR CONSTRUCTION

GRAPHIC SCALE:

30 0 30 60

SEE SHEET C100 FOR NOTES.

MATCH LINE – SHEET C102

MATCH LINE – SHEET C101

LEGEND

14" Dogwood	Trees w/size D.B.H. (diameter breast high)
Mon.	Monument
I. pipe	Iron Pipe
I. pin	Iron Pin
	Property Line
	Adjacent Property Line
	Fence
	Guide Rail
	Stone Wall
UGC UGC	Underground Utility Conduit
× WL #	Wetlands Boundary Flag w/number
	Storm Water Sewer Pipe
CATV CATV CATV	Underground Cable TV Wire
UGE UGE UGE	Underground Electric Wire
AT&T AT&T AT&T	Underground AT&T Conduit
OHE OHE	Overhead Utility Wires
W W	Water main
GS GS	Gas main or service lateral
S S	Sanitary Sewer Pipe
	Treeline
	Silt fence
C.L.&P.	Utility Pole owned by C.L.&P.
M.H.	Manhole
C.B. or LI	Catch Basin or Lawn Inlet
W.G.	Water Gate Valve
	Light Post
	Bollard Style Light Post
	Ground mounted light fixture
C.O.	Clean Out
G.G.	Gas Gate Valve
D.W.M.	Detectable warning mat
	Parking sign
	Prop. Manhole
	Prop. Catch Basin
WS	Water Service Lateral
–160–	10 foot contour with elevation
–162–	2 foot contour with elevation
169.3 ×	Spot elevation
	Stone masonry wall
162	Prop. contour with elevation
169.3×	Prop. spot elevation
	Flush Conditions
CC	Concrete Curb
Fnd.	Found
n/f	Now or Formerly
W.W.F.	Woven Wire Fence
w/	with
⊕RL	Roof leaders
I.V.B.	Irrigation Valve Box
P.V.C.	Polyvinyl Chloride Pipe
R.C.P.	Reinforced Concrete Pipe
H.D.P.P.	High Density Plastic Pipe
San.	Sanitary
Inv.	Invert
el. or elev.	Elevation
bit.	Bituminous
conc.	Concrete
Mas.	Masonry
BC or BCLC	Bituminous Concrete Lip Curb
Max.	Maximum
Ex. or Exist.	Existing
XXX.X BC ×	Prop. spot elev. Bot. of Curb
XXX.X TC ×	Prop. spot elev. Top of Curb

STATE OF CONNECTICUT JESSE T. JUDSON 20390 LICENSED LAND SURVEYOR

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Connecticut, 06483, Phone (203) 888-9660

STATE OF CONNECTICUT DONALD W. SMITH, JR. 15404 LICENSED PROFESSIONAL ENGINEER

Donald W. Smith

REVISIONS		
NO.	DESCRIPTION	DATE

DRA

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225 Oakland Road, Studio 205, South Windsor, CT 06074, Tel: 860.644.8300
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Tel. 203–888–4904 Fax 203–881–3434 dwsjrpe@sbcglobal.net

SITE PLAN – NORTH

ST. JOSEPH HIGH SCHOOL

2320 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT

Job No. 06–11D
Scale: 1"=30'
Date: 9/16/26
Designed: D.W.S.
Drawn: K.D.K.
Sheet: C103

Magnetic North

3/15/2004

REMOVE & SALVAGE FLAGSTONE PAVERS

SAWCUT (TYP.)

REMOVE EXIST. WALK

STRIP AND STOCKPILE TOPSOIL

CLEAR & GRUB EXIST. TREES (TYP.)

ELEC. JUNCTION BOX TO BE REMOVED

ABANDON EXIST. ELEC/COMM. CONDUITS

ABANDON 220± LF 6" PVC SAN SEWER, 2 SS MH"S AND CONNECTIONS TO EXISTING

REMOVE ALL EXIST. CURBING & BIT. CONC. PVMT.

REMOVE TIMBER GUIDERAIL

EXIST. SCOREBOARD TO REMAIN PROTECT FROM DAMAGE

STRIP TOPSOIL & STOCKPILE (TYP.)

REMOVE 300± L.F. 4' W.W.F.

REMOVE THREE (3) EXIST. TREES, STUMPS TO REMAIN

REMOVE CONC. PATIO, CONC. WALKWAYS & BIT. CONC. PATCH

75 LF OF 6" SEWER TO REMAIN – CAP END

EXIST. MH TO REMAIN

ABANDON/REMOVE EXIST. U/G UTILITIES (TYP.)

APPROX. LOCATION OF EXIST. TRANSITE ROOF DRAIN PIPES. LOCATE & CONNECT TO NEW ROOF DRAIN PIPING AND ABANDON EXIST. PIPING.

EXIST. ROOF DRAINS TO BE CONNECTED TO NEW ROOF DRAINS

MATCH LINE – SHEET C202

MATCH LINE – SHEET C201

BENCHMARK = N.E. CORNER OF CONCRETE TRANSFORMER PAD, ELEVATION = 318.35

NOTE
TRANSITE IS AN ASBESTOS–CONTAINING MATERIAL. CONTRACTOR IS TO CARRY ABATEMENT & DISPOSAL COSTS.

DRAWINGS ARE FOR LAND USE APPROVAL ONLY AND ARE NOT INTENDED FOR CONSTRUCTION

GRAPHIC SCALE:

30 0 30 60

SEE SHEET C100 FOR NOTES.

LEGEND

14" Dogwood	Trees w/size D.B.H. (diameter breast high)
Mon.	Monument
I. pipe	Iron Pipe
I. pin	Iron Pin
	Property Line
	Adjacent Property Line
	Fence
	Guide Rail
	Stone Wall
UGC UGC	Underground Utility Conduit
W.L. #	Wetlands Boundary Flag w/number
	Storm Water Sewer Pipe
CATV CATV	Underground Cable TV Wire
UGC UGC	Underground Electric Wire
AT AT	Underground AT&T Conduit
OHE OHE	Overhead Utility Wires
W	Water main
GS	Gas main or service lateral
S	Sanitary Sewer Pipe
	Treeline
	Silt fence

C.L.&P.	Utility Pole owned by C.L.&P.
M.H.	Manhole
C.B. or LI	Catch Basin or Lawn Inlet
W.G.	Water Gate Valve
	Light Post
	Bollard Style Light Post
	Ground mounted light fixture
C.O.	Clean Out
G.G.	Gas Gate Valve
D.W.M.	Detectable warning mat
	Parking sign
	Prop. Manhole
WS	Prop. Catch Basin
	Water Service Lateral
–160–	10 foot contour with elevation
–162–	2 foot contour with elevation
169.3 ×	Spot elevation
	Stone masonry wall
162	Prop. contour with elevation
169.3 ×	Prop. spot elevation

	Flush Conditions
CC	Concrete Curb
Fnd.	Found
n/f	Now or Formerly
W.W.F.	Woven Wire Fence
w/	with
©RL	Roof leaders
I.V.B.	Irrigation Valve Box
P.V.C.	Polyvinyl Chloride Pipe
R.C.P.	Reinforced Concrete Pipe
H.D.P.P.	High Density Plastic Pipe
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el. or elev.	Elevation
bit.	Bituminous
conc.	Concrete
Mas.	Masonry
BC or BCLC	Bituminous Concrete Lip Curb
Max.	Maximum
Ex. or Exist.	Existing
XXX x BC	Prop. spot elev. Bot. of Curb
XXX x TC	Prop. spot elev. Top of Curb

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STATE OF CONNECTICUT · DONALD W. SMITH, JR. · 15404 · LICENSED PROFESSIONAL ENGINEER

REVISIONS		
NO.	DESCRIPTION	DATE

DRA

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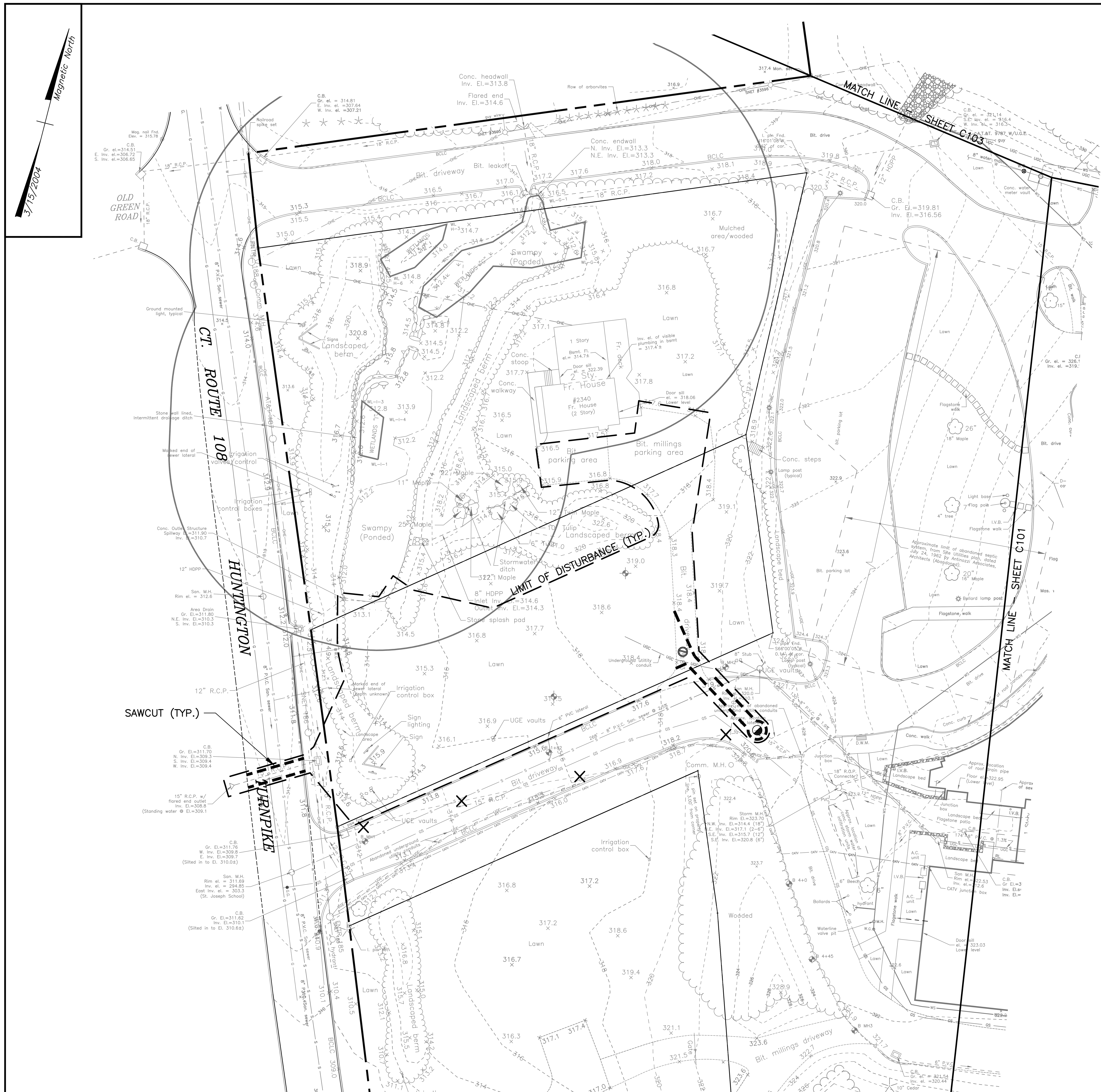
EXIST. CONDITIONS, TREE REMOVAL & DEMOLITION PLAN – EAST

ST. JOSEPH HIGH SCHOOL

2320 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT

Job No.	06–11D
Scale:	1"=30'
Date:	9/16/26
Designed:	D.W.S.
Drawn:	K.D.K.
Sheet:	C200



LEGEND

- 14" Dogwood — Trees w/size D.B.H. (diameter breast high)
- Mon. — Monument
- I. pipe — Iron Pipe
- I. pin — Iron Pin
- Property Line
- Adjacent Property Line
- Fence
- Guide Rail
- Stone Wall
- UGC — Underground Utility Conduit
- WL # — Wetlands Boundary Flag w/number
- Storm Water Sewer Pipe
- CATV — Underground Cable TV Wire
- UGE — Underground Electric Wire
- ATT — Underground AT&T Conduit
- OHE — Overhead Utility Wires
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- C.L.&P. — Utility Pole owned by C.L.&P.
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- Light Post
- Bollard Style Light Post
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- Stone masonry wall
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- Flush Conditions
- CC — Concrete Curb
- Fnd. — Found
- n/f — Now or Formerly
- W.W.F. — Woven Wire Fence
- w/ — with
- RL — Roof leaders
- I.V.B. — Irrigation Valve Box
- P.V.C. — Polyvinyl Chloride Pipe
- R.C.P. — Reinforced Concrete Pipe
- H.D.P.P. — High Density Plastic Pipe
- San. — Sanitary
- Inv. — Invert
- el. or elev. — Elevation
- bit. — Bituminous
- conc. — Concrete
- Mas. — Masonry
- BC or BCLC — Bituminous Concrete Lip Curb
- Max. — Maximum
- Ex. or Exist. — Existing
- XXX.X BC × — Prop. spot elev. Bot. of Curb
- XXX.X TC × — Prop. spot elev. Top of Curb

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DRAWINGS ARE FOR LAND USE APPROVAL ONLY AND ARE NOT INTENDED FOR CONSTRUCTION

GRAPHIC SCALE: 30 0 30 60

SEE SHEET C100 FOR NOTES.

REVISIONS		
NO.	DESCRIPTION	DATE

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EXIST. CONDITIONS, TREE REMOVAL & DEMOLITION PLAN – WEST

ST. JOSEPH HIGH SCHOOL

2320 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT

Job No. 06–11D
Scale: 1"=30'
Date: 9/16/26
Designed: D.W.S.
Drawn: K.D.K.
Sheet: C201

Magnetic North

9/15/2004

CUT, CAP AND REMOVE IRRIGATION LINES (TYP. OF 4)

REMOVE BIT. WALKWAY

SAWCUT (TYP.)

RAZE EXIST. BLDG. REMOVE SLAB AND FOUNDATION

REMOVE EXIST. BIT, CONC. PVMT., CURB & BASE

EXIST. STORMWATER MGMT. SYSTEM TO REMAIN

MATCH LINE – SHEET C201

MATCH LINE – SHEET C200

ABANDON EXIST. ELEC. COMM. & UTILITIES

REMOVE CONC. WALKS, RAMPS, STAIRS, ETC.

RAZE EXIST. BLDG.

BIT. CONC. WALK TO REMAIN

STRIP & STOCKPILE TOPSOIL

CLEAR & GRUB EXIST. TREES (TYP.)

ABANDON EXIST. SEWER LINE & COMM. CONDUITS

EXIST. MH TO REMAIN

EXISTING SIGN & FLAGPOLE TO REMAIN–PROTECT FROM DAMAGE

DRAWINGS ARE FOR LAND USE APPROVAL ONLY AND ARE NOT INTENDED FOR CONSTRUCTION

GRAPHIC SCALE:

30 0 30 60

SEE SHEET C100 FOR NOTES.

LEGEND

14" Dogwood	Trees w/size D.B.H. (diameter breast high)
Mon.	Monument
I. pipe	Iron Pipe
I. pin	Iron Pin
	Property Line
	Adjacent Property Line
	Fence
	Guide Rail
	Stone Wall
UGC	Underground Utility Conduit
WL #1	Wetlands Boundary Flag w/number
	Storm Water Sewer Pipe
CATV	Underground Cable TV Wire
UGE	Underground Electric Wire
AT&T	Underground AT&T Conduit
OHE	Overhead Utility Wires
W	Water main
GS	Gas main or service lateral
S	Sanitary Sewer Pipe
	Treeline
	Silt fence

C.L.&P.	Utility Pole owned by C.L.&P.
M.H.	Manhole
C.B. or LI	Catch Basin or Lawn Inlet
W.G.	Water Gate Valve
	Light Post
	Bollard Style Light Post
	Ground mounted light fixture
C.O.	Clean Out
G.G.	Gas Gate Valve
D.W.M.	Detectable warning mat
	Parking sign
	Prop. Manhole
	Prop. Catch Basin
WS	Water Service Lateral
–160–	10 foot contour with elevation
–162–	2 foot contour with elevation
169.3 ×	Spot elevation
	Stone masonry wall
172	Prop. contour with elevation
169.3 ×	Prop. spot elevation

	Flush Conditions
CC	Concrete Curb
Fnd.	Found
n/f	Now or Formerly
W.W.F.	Woven Wire Fence
w/	with
⊙RL	Roof leaders
I.V.B.	Irrigation Valve Box
P.V.C.	Polyvinyl Chloride Pipe
R.C.P.	Reinforced Concrete Pipe
H.D.P.P.	High Density Plastic Pipe
San.	Sanitary
Inv.	Invert
el. or elev.	Elevation
bit.	Bituminous
conc.	Concrete
Mas.	Masonry
BC or BCLC	Bituminous Concrete Lip Curb
Max.	Maximum
Ex. or Exist.	Existing
XXX.X BC ×	Prop. spot elev. Bot. of Curb
XXX.X TC ×	Prop. spot elev. Top of Curb

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NO.	DESCRIPTION	DATE

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EXIST. CONDITIONS, TREE REMOVAL & DEMOLITION PLAN – NORTH

ST. JOSEPH HIGH SCHOOL

2320 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT

Job No.	06–11D
Scale:	1"=30'
Date:	9/16/26
Designed:	D.W.S.
Drawn:	K.D.K.
Sheet:	C202

Magnetic North

3/15/2004

MATCH LINE – SHEET C302

MATCH LINE – SHEET C301

PHASE 1

12 L.F 6" PVC (SDR-35) @ S=1.75%

24 L.F 12" HDPE @ S=3.1%

2500 GAL. GREASE TRAP TF=329.90 INV. IN=324.89 INV. OUT=324.56

CB#7 TYPE "C" TF=328.9 INV.=324.85 6"S INV.=326.0 6"W INV.=324.85

47 L.F 15" HDPE @ S=3.7%

LOCATE, CUT & EXTEND EXIST. 4" RMC ELEC. CONDUITS TO NEW 4'x4'x4' SPLICE BOX

CB#7A (4' MH) WITH 24"x24" GRATE TF=329.00 6" INV. IN=326.0 INV. OUT=323.09

CB#8 TYPE "C" TF=331.0 INV. IN=324.4 INV. OUT=324.0

135 L.F 24" HDPE @ S=10%

92 L.F 24" HDPE @ S=1.1%

SEE SHEET C302 FOR DRIVEWAY PROFILE

225 L.F. TWO 4"ø GALV. RMC ELEC. CONDUITS

115 L.F. 6" PVC (SDR-35) @ S=10.7%

135 L.F. 2-1/2" PVC COMM. CONDUIT

107 L.F. 2-1/2" PVC COMM. CONDUIT

4'x4'x4' SPLICE BOX (U.I. STD. SPC-MO7, FURNISHED BY OWNER) WITH 36" CI MH FRAME & COVER (U.I. STD. SPC-F02, FURNISHED BY CONTRACTOR)

SAN. MH#4 TF=325.8± INV.=328.36 INV. DROP=331.6±

123 L.F. 2" POLY. WATER SERVICE

CB#6A TYPE "C" TF=329.5 INV.=323.0

96 L.F. 6" PVC (SDR-35) @ S=3.0%

70 L.F. 24" HDPE @ S=1.17%

CB#6 TYPE "C-L" TF=329.75 INV.=322.30

191 L.F. 24" HDPE @ S=2.67%

153 L.F. 18" HDPE @ S=3.30%

60 L.F. 12" HDPE @ S=4.5%

CB#3 TYPE "C" TF=328.1 18" INV.IN=316.50 12" PVC INV.=318.5 INV. OUT=318.0

64 L.F. 24" HDPE @ S=1.0%

CB#4 TYPE "C" TF=326.67 INV.=317.35

15 L.F. 24" HDPE @ S=1.0%

HS #3 CASCADE CS-6 HYDRODYNAMIC SEPARATOR TF=326.95 INV. IN=317.20 INV. OUT=317.10

MH #3 TF=326.88 INV. IN.=317.00 INV. OUT=316.92 TOP WEIR=321.5

STORMWATER MGMT. SYSTEM (152 STORMTECH MC 3500 CHAMBERS) INV. IN 316.92 BOT. OF CHAMBERS=316.75 BOT. STONE=316.0

30 L.F. 15" HDPE @ S=2.0%

CB#5 TYPE "C" TF=324.10 INV.=320.15

OUTLET #1 STRUCTURE INV. OUT=314.0

21 L.F 36" RCP @ S=2.0%

SALVAGE EXIST. STONE SLOPE PROTECTION. RESTORE ALL DISTURBED AREAS TO ORIG. CONDITION

26' LONG MOD. RIPRAP APRON

INV. EL.309.0

NEW ENDWALL

29 L.F 36" RCP @ S=0.6%

MH #4 (5' MH) TF=324.25 INV. IN.=313.5 INV. OUT =309.18

MH #2 TF=324.00 INV. IN.=319.55 INV. OUT=318.30

HS #2 CASCADE CS-4 HYDRODYNAMIC SEPARATOR TF=321.90 INV. IN=317.20 INV. OUT=317.10

MH #1 TF=321.97 INV. IN.=317.00 INV. OUT=316.92

55 L.F 15" HDPE @ S=2.0%

18 L.F 18" HDPE @ S=1.0%

59 L.F 12" HDPE @ S=10.9%

CB#1A EXIST. TO REMAIN INV.=316.66

LOCATE EXIST. ROOF DRAIN EXTEND TO CB #1 WITH 6" SOLID PIPE @ S=1.0% (MIN.)

6x6x6 TAPPING SLEEVE & GATE VALVE

6x6x4 TAPPING SLEEVE & GATE VALVE

6" PVC R.D. @ S=1%

160 L.F. -4" D.I. DOMESTIC WATER SERVICE

6" D.I. FIRE SERVICE

6" P.I.V.

6" PVC @ S=1%

18" Y.D. TF=329.0 INV.=326.15

PROP. 12,160± SF BLDG. ADDITION F.F. EL.=329.73

TOP. OF WALL EL. =332.73

NEW INV. =325.5±

203 L.F. 6" PVC (SDR-35) @ S=2.2%±

EXIST. ROOF DRAINS TO BE CONNECTED TO NEW ROOF DRAINS

12" NYLOPLAST DRAIN BASIN TF=329.43

INV.= 326.0

C.O. INV. =320.30

115 L.F. 6" PVC @ S=1.3% LOCATE ROOF LEADERS PER ARCH. PLAN

6x6x6 WYE W/ CLEANOUT TO GRADE APPROX. SEWER INV. =320.1

MH #7 TF=328.5 INV.=321.0

CB#2 TYPE "C" TF=321.25 INV.=317.38

31 L.F 15" HDPE @ S=1.0%

CB#1 TYPE "C" TF=320.50 INV.=317.69

GENERATOR CONDUITS TO CONC. PAD

Exist. 6" R.D.

Exist. 4" R.D.

INV.= 323.88

INV.= 324.1

INV.= 325.10

R.D. INV. =325.60

FDC

2 Story Mas. Building

1 Story Mas. Building

2 Story Mas. Building "Wellness Center"

3 Story Mas. Building

Courtyard

Flagstone walk

Flagstone patio

Landscape bed

Bollards

Lawn

Blt. drive

Stone mas. bench

Statue, pedestal

Approx. location of pipe tunnel Floor elev. = 324.85

Approx. location of roof drain pipe (from original building)

Approx. location of footing drain pipe

Approx. location of sewer lateral

6" PVC (interior footing drains)

Four underground utility conduits: 1 – 4" Spare 1 – 4" Elec. 2 – 4" Comm.

1000 Gallon Conc. grease trap Inlet Inv. el.=316.1 Outlet Inv. el.=316.1

Former oil tank (removed)

Oil tank on conc. slab

Underground electric lines

Sewer cleanout

Gas meter

Twin Tulip Tree

Twin 5" Cedar

10" Cedar

7" Maple

Woods

WETLANDS

STABILIZED SLOPE

SYNTHETIC TURF FIELD

SYNTHETIC TRACK

PROJECT LIMIT LINE

BENCHMARK = N.E. CORNER OF CONCRETE TRANSFORMER PAD, ELEVATION = 318.55

CONSTRUCTION NOTES:

1. *ELECTRICAL CONDUITS SHALL BE 4" RMC WITH 36" MINIMUM COVER AND CONCRETE ENCASEMENT AT WATER, STORM AND SANITARY CROSSINGS.*
2. *COMMUNICATION CONDUITS SHALL BE 4" PVC WITH 24" MINIMUM COVER.*
3. *SANITARY SEWER SHALL BE 6" SOLID PVC, SDR-35.*
4. *DOMESTIC WATER SERVICE SHALL BE 4" CLASS 52 DUCTILE IRON.*
5. *FIRE SERVICE WATER MAIN SHALL BE 6" CLASS 52 DUCTILE IRON.*
6. *REMOVAL OF THE ABANDONED FACILITES IS NOT INCLUDED IN THE WORK, EXCEPT AS REQUIRED TO CONSTRUCT THE NEW WORK.*

DRAWINGS ARE FOR LAND USE APPROVAL ONLY AND ARE NOT INTENDED FOR CONSTRUCTION

GRAPHIC SCALE:

30 0 30 60

SEE SHEET C100 FOR NOTES & DETAILS.

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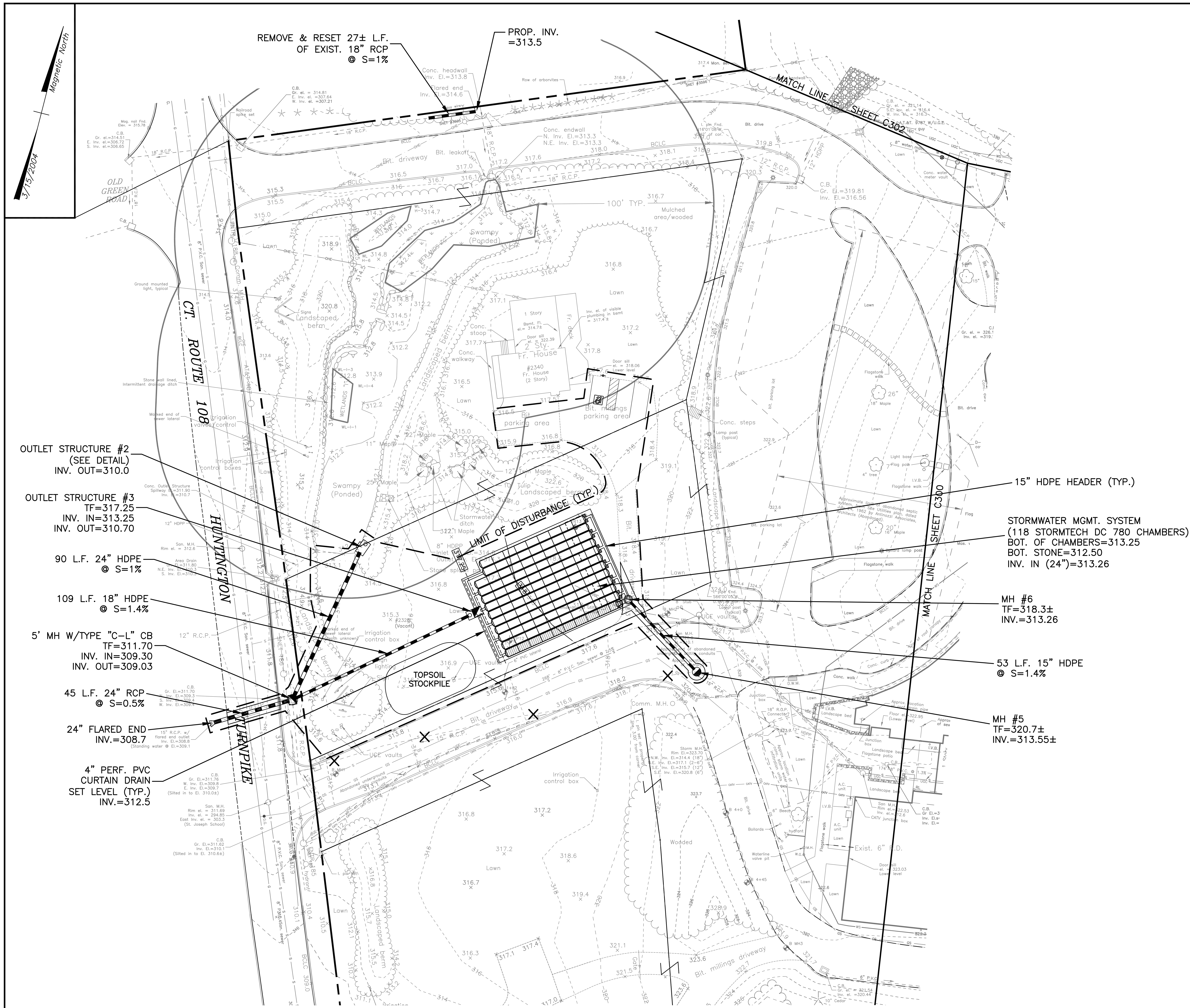
GRADING & UTILITY PLAN – EAST

ST. JOSEPH HIGH SCHOOL

2320 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT

Job No.	06-11D
Scale:	1"=30'
Date:	9/16/26
Designed:	D.W.S.
Drawn:	K.D.K.
Sheet:	C300



CONSTRUCTION NOTES:

1. ELECTRICAL CONDUITS SHALL BE 4" RMC WITH 36" MINIMUM COVER AND CONCRETE ENCASEMENT AT WATER, STORM AND SANITARY CROSSINGS.
2. COMMUNICATION CONDUITS SHALL BE 4" PVC WITH 24" MINIMUM COVER.
3. SANITARY SEWER SHALL BE 6" SOLID PVC, SDR-35.
4. DOMESTIC WATER SERVICE SHALL BE 4" CLASS 52 DUCTILE IRON.
5. FIRE SERVICE WATER MAIN SHALL BE 6" CLASS 52 DUCTILE IRON.
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GRAPHIC SCALE: 30 0 30 60

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GRADING & UTILITY PLAN – WEST

ST. JOSEPH HIGH SCHOOL

2320 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT

Job No. 06-11D
Scale: 1"=30'
Date: 9/16/26
Designed: D.W.S.
Drawn: K.D.K.
Sheet: C301

Magnetic North

3/15/2004

CONSTRUCTION NOTES:

1. ELECTRICAL CONDUITS SHALL BE 4" RMC WITH 36" MINIMUM COVER AND CONCRETE ENCASEMENT AT WATER, STORM AND SANITARY CROSSINGS.
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4"ø REMOTE FDC

TOWN OF TRUMBULL STANDARD FIRE HYDRANT AND GATE VALVE

CAP IRRIGATION LINES (TYP. OF 6)

CB#12 TYPE "C-L"
TF=350.8
INV.=347.20

121 L.F. 15" HDPE
@ S=1.0%

CB#11 TYPE "C"
TF=350.20
INV.=346.00

167 L.F. 15" HDPE
@ S=3.0%

CAP & THRUST BLOCK FIRE SERVICE AT PHASE 1 LIMIT

LIMIT OF DISTURBANCE

Concrete Tennis Courts

Practice field

Parking lot

ABANDONED

PROP. 13,250± SF BLDG.
LFF 353.5
UFF 367.6

EXIST. INV. =350.0±

2 Story Mas. Building

LEAK-OFF

PHASE 2

PHASE 1

RESET T.F. IF REQ'D

Field House

MATCH LINE SHEET C301

MATCH LINE SHEET C300

4" RMC ELEC. CONDUITS

NDS VALVE BOX & COVER 15"x19"X12"

2-1/2" PVC COMM. CONDUIT

4" D.I. FIRE SERVICE

6" D.I. FIRE SERVICE

8" HDPE ROOF DRAIN

EXIST. SAN. SEWER & COMM. CONDUIT TO REMAIN

RELOCATE IRRIGATION LINE & VALVE BOX

135 L.F. 24" HDPE @ S=10%

NDS VALVE BOX & COVER ON EXIST. COMM. LINE TO REMAIN

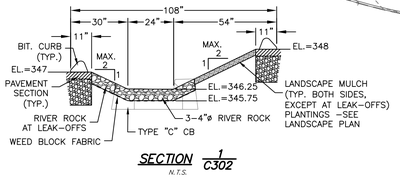
CB#9 TYPE "C"
TF=347.3
8"W INV.=341.00
15"E INV.=340.00
24" INV. OUT=337.50

135 L.F. 2-1/2" PVC COMM. CONDUIT

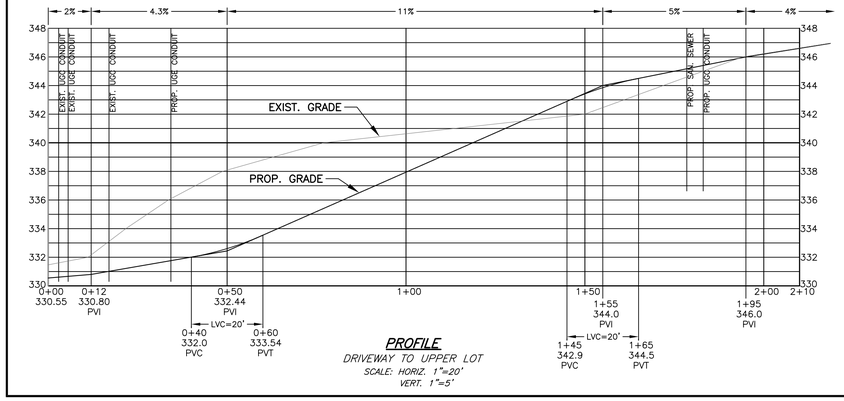
115 L.F. 6" PVC (SDR-35) @ S=10%±

CB#10 TYPE "C"
TF=346.25
INV.=341.00

52 L.F. 15" HDPE @ S=2.5%



SECTION 1/C302
N.T.S.



PROFILE
DRIVEWAY TO UPPER LOT
SCALE: HORIZ. 1"=20'
VERT. 1"=5'

GRAPHIC SCALE:
30 0 30 60

DRAWINGS ARE FOR LAND USE APPROVAL ONLY AND ARE NOT INTENDED FOR CONSTRUCTION

SEE SHEET C100 FOR NOTES & DETAILS.

REVISIONS		
NO.	DESCRIPTION	DATE

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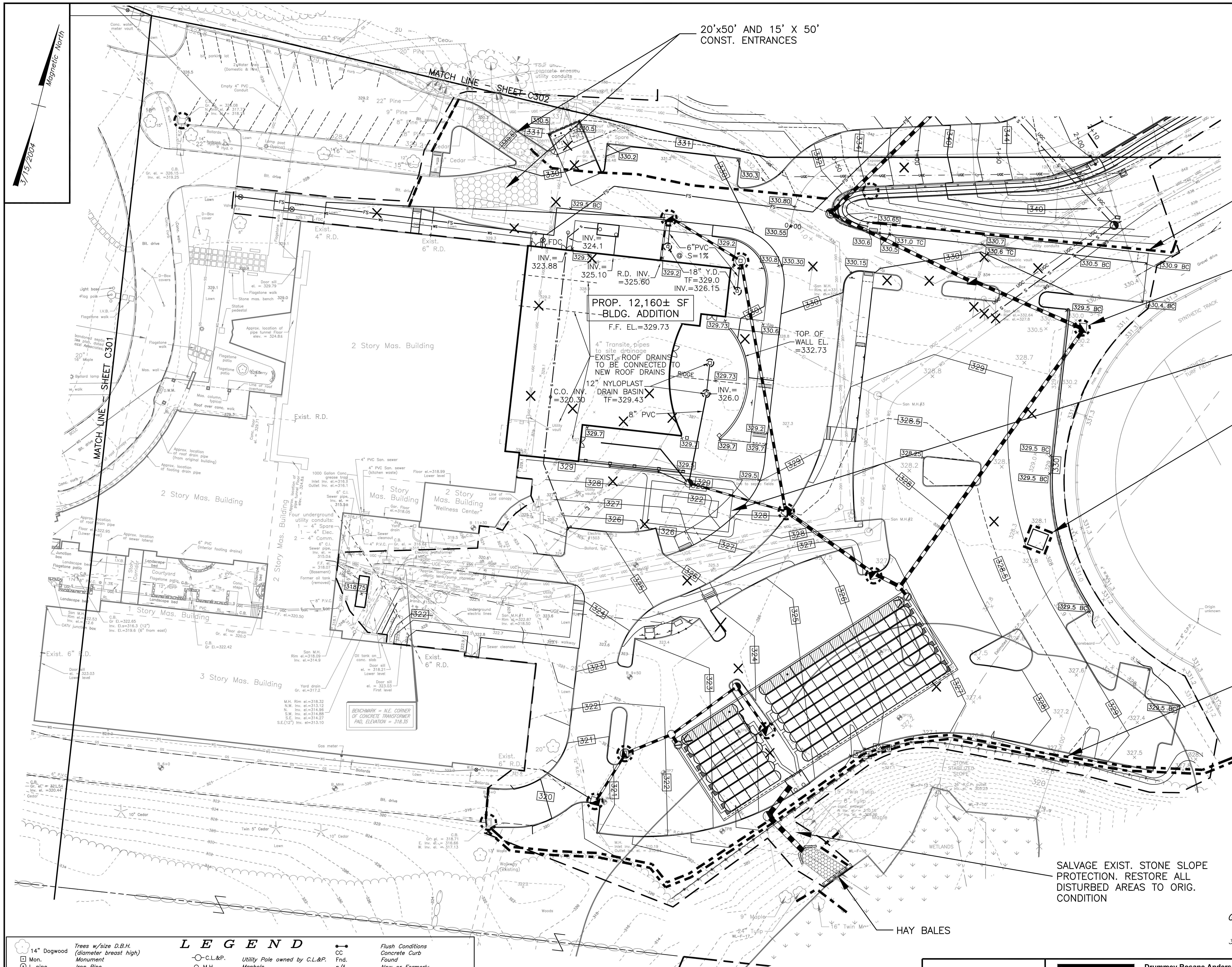
GRADING & UTILITY PLAN - NORTH

ST. JOSEPH HIGH SCHOOL

2320 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT

Job No. 06-11D
Scale: 1"=30'
Date: 9/16/26
Designed: D.W.S.
Drawn: K.D.K.
Sheet: C302



TEMPORARY SEDIMENT TRAP SIZING

TST #1:

CONTRIBUTING AREA: 0.52 Ac 22,500 SF

REQ. VOL.: 134 CY/Ac x 0.52 = 70 CY = 1900 CF

BOTTOM ELEV./DIM'S: 322.0 / 10' X 34' = 340 SF

MAX. WATER STORAGE ELEV./DIM'S: 325.0 / 22' X 46' = 1012 SF

VOL. PROVIDED: (340+1012)/2 x 3' = 2028 CF > 1900 CF

TOP ELEV./DIM'S: 326.0 / 26' X 50' = 1300 SF

DRAWINGS ARE FOR LAND USE APPROVAL ONLY AND ARE NOT INTENDED FOR CONSTRUCTION

GRAPHIC SCALE: 30 0 30 60

SEE SHEET C100 FOR NOTES.

LEGEND

Symbol	Meaning
14" Dogwood	Trees w/size D.B.H. (diameter breast high)
Mon.	Monument
I. pipe	Iron Pipe
I. pin	Iron Pin
	Property Line
	Adjacent Property Line
	Fence
	Guide Rail
	Stone Wall
UGC	Underground Utility Conduit
× WL #	Wetlands Boundary Flag w/number
	Storm Water Sewer Pipe
CATV	Underground Cable TV Wire
UGE	Underground Electric Wire
ATT	Underground AT&T Conduit
OHE	Overhead Utility Wires
W	Water main
GS	Gas main or service lateral
S	Sanitary Sewer Pipe
	Treeline
	Silt fence
C.L.&P.	Utility Pole owned by C.L.&P.
M.H.	Manhole
C.B. or LI	Catch Basin or Lawn Inlet
W.G.	Water Gate Valve
	Light Post
	Bollard Style Light Post
	Ground mounted light fixture
C.O.	Clean Out
G.G.	Gas Gate Valve
D.W.M.	Detectable warning mat
	Parking sign
	Prop. Manhole
	Prop. Catch Basin
WS	Water Service Lateral
160	10 foot contour with elevation
162	2 foot contour with elevation
169.3 ×	Spot elevation
	Stone masonry wall
162	Prop. contour with elevation
169.3 ×	Prop. spot elevation
	Flush Conditions
CC	Concrete Curb
Fnd.	Found
n/f	Now or Formerly
W.W.F.	Woven Wire Fence
w/	with
RL	Roof leaders
I.V.B.	Irrigation Valve Box
P.V.C.	Polyvinyl Chloride Pipe
R.C.P.	Reinforced Concrete Pipe
H.D.P.P.	High Density Plastic Pipe
San.	Sanitary
Inv.	Invert
el. or elev.	Elevation
bit.	Bituminous
conc.	Concrete
Mas.	Masonry
BC or BCLC	Bituminous Concrete Lip Curb
Max.	Maximum
Ex. or Exist.	Existing
XXX.X BC ×	Prop. spot elev. Bot. of Curb
XXX.X TC ×	Prop. spot elev. Top of Curb

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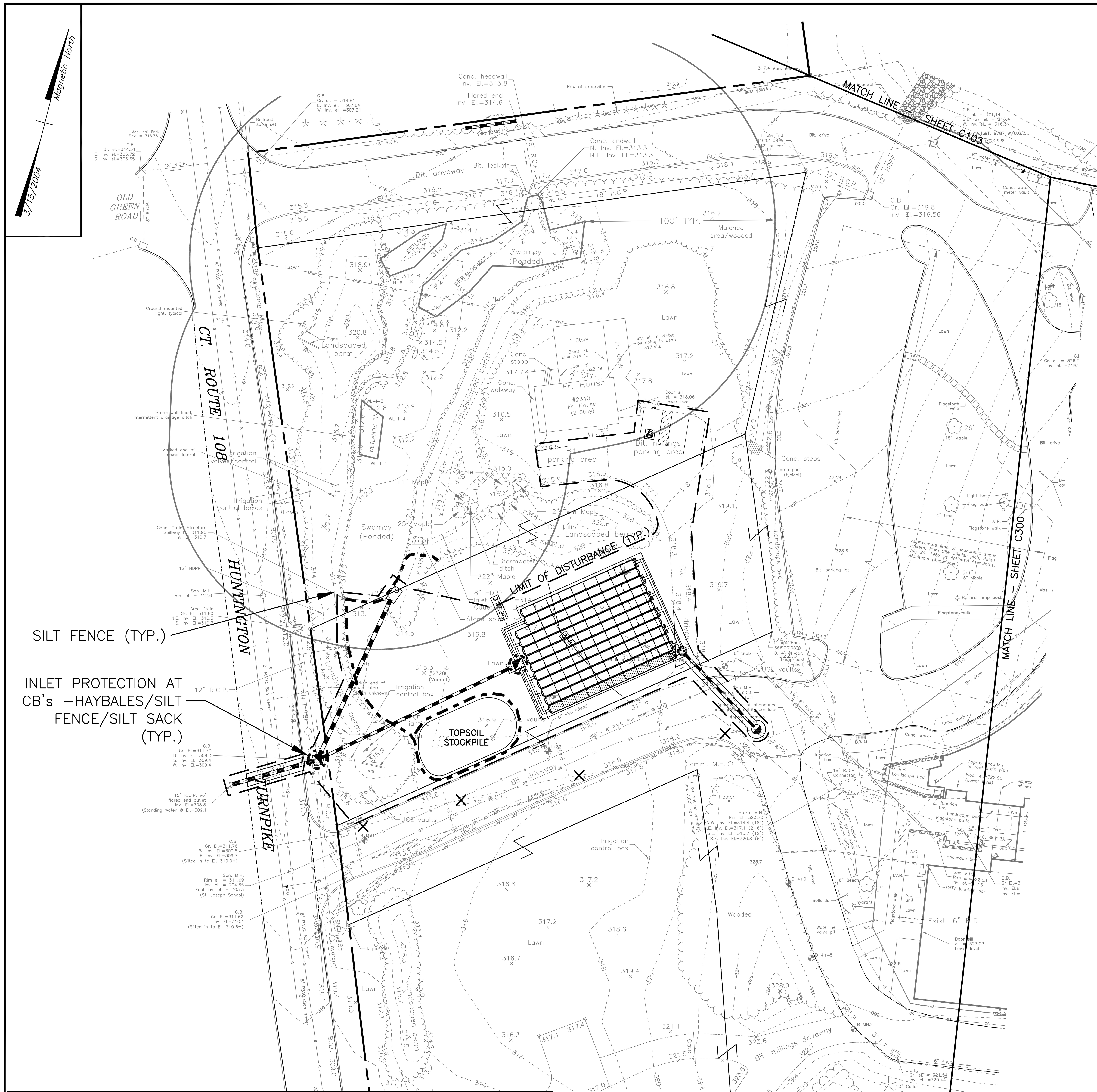
EROSION CONTROL PLAN – EAST

ST. JOSEPH HIGH SCHOOL

2320 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT

Job No. 06-11D
Scale: 1"=30'
Date: 9/16/26
Designed: D.W.S.
Drawn: K.D.K.
Sheet: C400



LEGEND

Symbol	Description	Symbol	Description	Abbrev.	Meaning
14" Dogwood	Trees w/size D.B.H. (diameter breast high)	C.L.&P.	Utility Pole owned by C.L.&P.		Flush Conditions
Mon.	Monument	M.H.	Manhole	CC	Concrete Curb
I. pipe	Iron Pipe	C.B. or LI	Catch Basin or Lawn Inlet	Fnd.	Found
I. pin	Iron Pin	W.G.	Water Gate Valve	n/f	Now or Formerly
	Property Line		Light Post	W.W.F.	Woven Wire Fence
	Adjacent Property Line		Bollard Style Light Post	w/	with
	Fence		Ground mounted light fixture	RL	Roof leaders
	Guide Rail	C.O.	Clean Out	I.V.B.	Irrigation Valve Box
	Stone Wall	G.G.	Gas Gate Valve	P.V.C.	Polyvinyl Chloride Pipe
UGC	Underground Utility Conduit	D.W.M.	Detectable warning mat	R.C.P.	Reinforced Concrete Pipe
WL #	Wetlands Boundary Flag w/number		Parking sign	H.D.P.P.	High Density Plastic Pipe
	Storm Water Sewer Pipe		Prop. Manhole	San.	Sanitary
CATV	Underground Cable TV Wire		Prop. Catch Basin	Inv.	Invert
UGE	Underground Electric Wire	WS	Water Service Lateral	el. or elev.	Elevation
ATT	Underground AT&T Conduit	160	10 foot contour with elevation	bit.	Bituminous
OHE	Overhead Utility Wires	162	2 foot contour with elevation	conc.	Concrete
W	Water main	169.3 ×	Spot elevation	Mas.	Masonry
GS	Gas main or service lateral		Stone masonry wall	BC or BCLC	Bituminous Concrete Lip Curb
S	Sanitary Sewer Pipe	162	Prop. contour with elevation	Max.	Maximum
	Treeline	169.3 ×	Prop. spot elevation	Ex. or Exist.	Existing
	Silt fence			XXX.X BC ×	Prop. spot elev. Bot. of Curb
				XXX.X TC ×	Prop. spot elev. Top of Curb

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DRAWINGS ARE FOR LAND USE APPROVAL ONLY AND ARE NOT INTENDED FOR CONSTRUCTION

GRAPHIC SCALE:
30 0 30 60

SEE SHEET C100 FOR NOTES.

REVISIONS		
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EROSION CONTROL PLAN – WEST

ST. JOSEPH HIGH SCHOOL

2320 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT

Job No. 06-11D
Scale: 1"=30'
Date: 9/16/26
Designed: D.W.S.
Drawn: K.D.K.
Sheet: C401

Magnetic North

3/15/2004

INLET PROTECTION AT ALL CB's HAYBALES/SILT FENCE/SILT SACK (TYP.)

20'x50' CONST. ENTRANCE

DOUBLE ROW OF SILT FENCE (TYP.)

MATCH LINE - SHEET C401

MATCH LINE - SHEET C400

Concrete Tennis Courts

PROP. 13,250± SF BLDG. LFF 353.5 UFF 367.6

ABANDONED

2 Story Mas. Building

Practice field

Field House

Bit. parking lot

Bit. driveway

Gas & Water TO REMAIN

RESET T.F. IF REQ'D

28' ramp

92' @ 4.95%

DRAWINGS ARE FOR LAND USE APPROVAL ONLY AND ARE NOT INTENDED FOR CONSTRUCTION

GRAPHIC SCALE:

30 0 30 60

SEE SHEET C100 FOR NOTES.

LEGEND

14" Dogwood	Trees w/size D.B.H. (diameter breast high)
Mon.	Monument
I. pipe	Iron Pipe
I. pin	Iron Pin
	Property Line
	Adjacent Property Line
	Fence
	Guide Rail
	Stone Wall
UGC UGC	Underground Utility Conduit
WL #	Wetlands Boundary Flag w/number
	Storm Water Sewer Pipe
UGV UGV UGV	Underground Cable TV Wire
UGE	Underground Electric Wire
AT AT AT AT	Underground AT&T Conduit
OHE	Overhead Utility Wires
W	Water main
GS	Gas main or service lateral
S S	Sanitary Sewer Pipe
	Treeline
	Silt fence
C.L.&P.	Utility Pole owned by C.L.&P.
M.H.	Manhole
C.B. or LI	Catch Basin or Lawn Inlet
W.G.	Water Gate Valve
	Light Post
	Bollard Style Light Post
	Ground mounted light fixture
C.O.	Clean Out
G.G.	Gas Gate Valve
D.W.M.	Detectable warning mat
	Parking sign
	Prop. Manhole
	Prop. Catch Basin
WS	Water Service Lateral
160	10 foot contour with elevation
162	2 foot contour with elevation
169.3 ×	Spot elevation
	Stone masonry wall
162	Prop. contour with elevation
169.3 ×	Prop. spot elevation
CC	Flush Conditions
Fnd.	Concrete Curb
n/f	Found
W.W.F.	Now or Formerly
w/	Woven Wire Fence
⊙RL	with
I.V.B.	Roof leaders
P.V.C.	Irrigation Valve Box
R.C.P.	Polyvinyl Chloride Pipe
H.D.P.P.	Reinforced Concrete Pipe
San.	High Density Plastic Pipe
Inv.	Sanitary
el. or elev.	Invert
bit.	Elevation
conc.	Bituminous
Mas.	Concrete
BC or BCLC	Masonry
Ex. or Exist.	Bituminous Concrete Lip Curb
XXX.x BC ×	Maximum
XXX.x TC ×	Existing
	Prop. spot elev. Bot. of Curb
	Prop. spot elev. Top of Curb

HORBAL & JUDSON
LAND SURVEYORS & ASSOCIATES
52 Main Street, Seymour
Connecticut, 06483, Phone (203) 888-9660

STATE OF CONNECTICUT · DONALD W. SMITH, JR. · 15404 · LICENSED PROFESSIONAL ENGINEER

REVISIONS		
NO.	DESCRIPTION	DATE

Drummey Rosane Anderson, Inc.
225 Oakland Road, Studio 205, South Windsor, CT 06074, Tel: 860.644.8300
260 Charles Street, Studio 300, Waltham, MA 02453, Tel: 617.964.1700
Planning | Architecture | Interior Design
www.draws.com

DONALD W. SMITH, JR., P.E.
CONSULTING ENGINEER
56 GREENWOOD CIRCLE SEYMOUR, CT 06483
Tel. 203-888-4904 Fax 203-881-3434 dwsjrpe@sbcglobal.net

EROSION CONTROL PLAN – NORTH

ST. JOSEPH HIGH SCHOOL

2320 HUNTINGTON TURNPIKE

TRUMBULL, CONNECTICUT

Job No. 06-110
Scale: 1"=30'
Date: 9/16/26
Designed: D.W.S.
Drawn: K.D.K.
Sheet: C402

INLAND WETLANDS AND WATERCOURSES
COMMISSION
TOWN OF TRUMBULL

Application No.

APPLICATION FOR PERMIT

SECTION I

1. Location/address of property where activity is proposed: 1890 Old Town Road
   Parcel Size .37 AC Zone: A Map ID: F-11, Lot 55 Current Use: single family residential
2. Applicant's Name: Cruz Anthony Delgado, Jr.
   Applicant's Address: 1890 Old Town Road, Trumbull, CT 06611
   Applicant's interest in property (Lessee, Licensee, Owner, etc.): Owner
3. Name of Property Owner of Record: Cruz Anthony Delgado, Jr.
   If the owner is a corporation, or other non-individual entity, include the primary contact information
   Address of Owner of Record: 1890 Old Town Road, Trumbull, CT 06611

If Applicant is the Owner, go to #5

4. The undersigned hereby authorizes Cohen and Wolf, PC to act as Agent on my behalf as related to this application.

Cruz Anthony Delgado, Jr. (Owner of Record)

5. Description of proposed activity and location of property. Include listing of all proposed regulated activities (use separate sheet if necessary):

Proposed one story 3 car detached garage (1,170 S.F.), first floor addition above existing garage (389 S.F.), proposed driveway extension (approx. 1,500 S.F.), proposed trench drain, 3 proposed trees within 100' setback from brook and proposed storm water drainage, installation of new vinyl fence and removal of approx. 5 trees.

The applicant understands that this application is to be considered complete only when all information and documents required by the Agency have been submitted.
The undersigned warrants the truth of all statements contained herein and in all supporting documents under penalty of false statement according to the best of his/her knowledge and belief.
Permission is granted to the Town of Trumbull, Inland Wetlands & Watercourses Commission, and its agent (s) to inspect the subject land, at reasonable times, during the pendency of an application and for the life of the permit under Section 7.5 of the IWWC Regulations.

Applicant's Signature: _____ Date: _____
(If not the Owner)

Owner's Signature: Cruz Anthony Delgado, Jr. Date: October 6, 2026

PLEASE BE AWARE scammers are attempting spear phishing attacks targeted to impersonating official town personnel and asking for a wire transfer/payment. The IWWC Department will never ask for electronic payments. If you have any questions, please call our office at 203-452-5046.

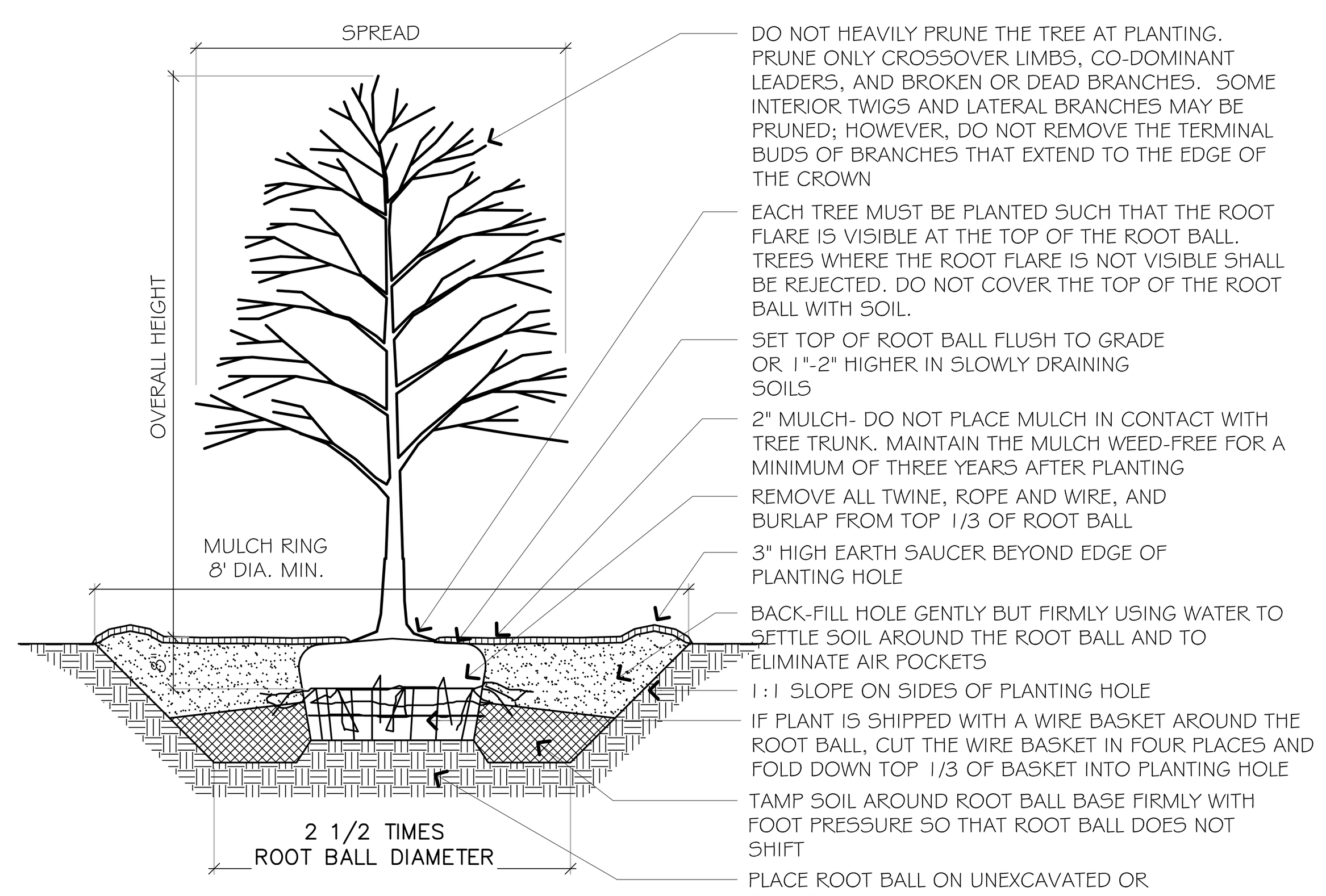
SECTION II

SITE PLAN REQUIREMENTS

1. Total property area: .37 AC Zone: A Number of Lots: 1
2. Map ID, from assessors card: F-11, Lot 55
3. Total area existing of wetlands on property: None
4. Total area of Regulated area on property: Approx. 8,000 Sq Ft
5. Wetlands area to be disturbed: None
6. Upland Review area to be disturbed: 100' x 80'
7. Proposed % of wetlands on the property to be disturbed: None
8. Total area of proposed land disturbance: 8,000 sf
9. Is the proposed activity located within 500 feet of the boundary of Easton, Monroe, Shelton, Stratford, Bridgeport or Fairfield: Yes X No____ (If yes, see Section 8.2 of the Trumbull IWWC Regulations.)
10. Is any portion of the site located within a water company watershed: Yes _____ No X
    (If yes, see Section 8.3 of Trumbull Inland Wetlands & Watercourses Regulations.)
11. Existing property coverage type data:

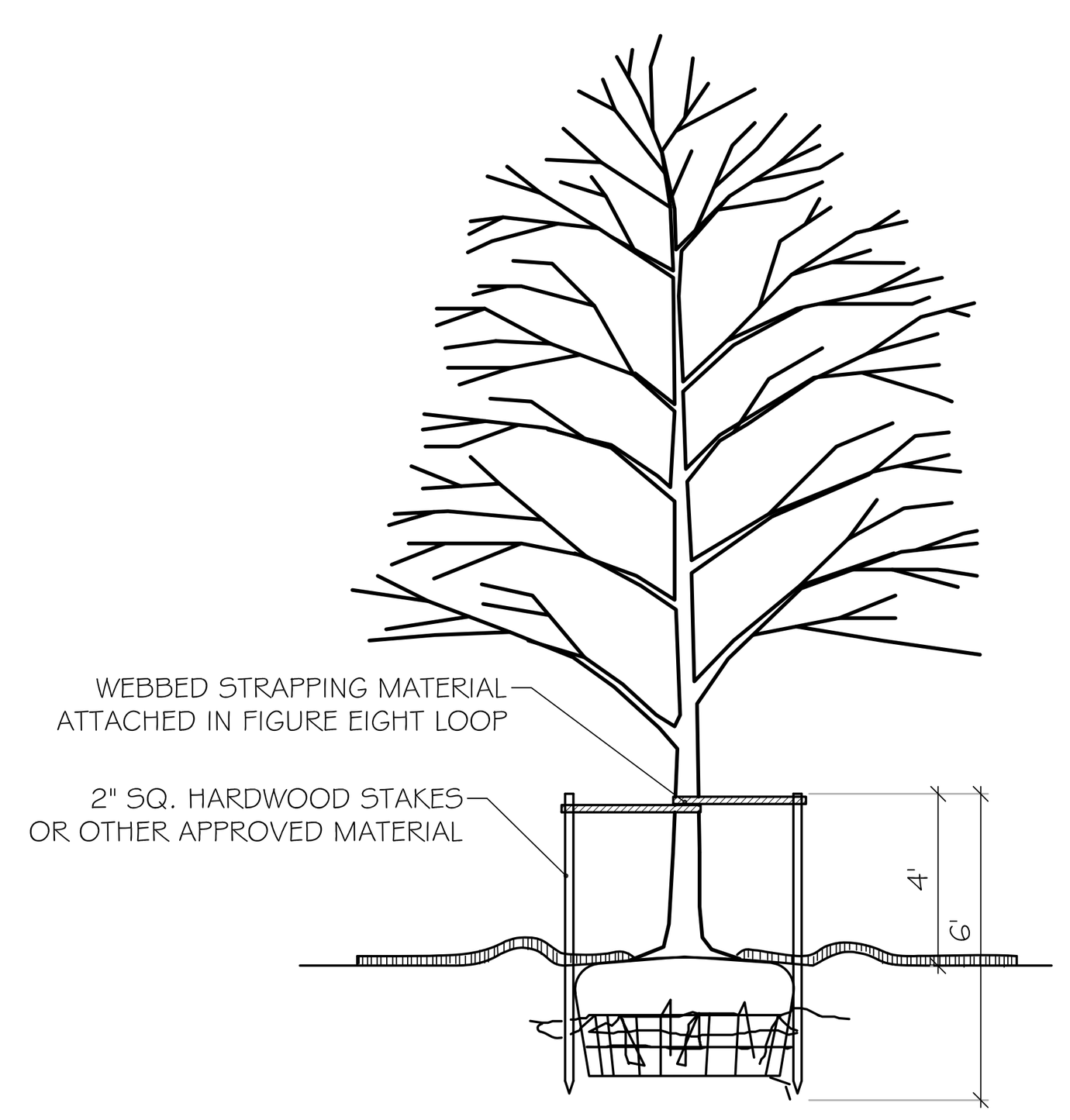
	Percent of Regulated Area:	Dominant Species:
Trees:		
Shrubs:		
Grasses, weeds, etc:		
Impervious area:		

12. Existing watercourse data and open water characteristics: (if applicable)
    a. Size of pond(s) or lake(s): brook
    b. Stream characteristics: intermittent or permanent: permanent
    c. 100 year flood evaluation: _____
13. Probable effect of proposal (if any) on vegetation and wildlife: none
14. Existing or proposed source(s) of water supply for the property: city water
15. Existing or proposed method of sewage disposal for the property: city sewage
16. Creation of proposed water bodies (if yes, detailed information will be required): Yes: _____ No: X
17. List proposed measures to protect regulated and inland wetland areas from:
    a. Erosion and sedimentation: install sediment and erosion control fence
18. Proposed percent of Regulated area to be covered with impermeable surface: _____
19. Material to be (check all that applies): deposited ☐ excavated ☐ (if yes, complete the following): NA
    a. Area: _____ Volume: _____
    b. Physical & Chemical composition of material to be deposited: _____



(A) TREE PLANTING — NTS

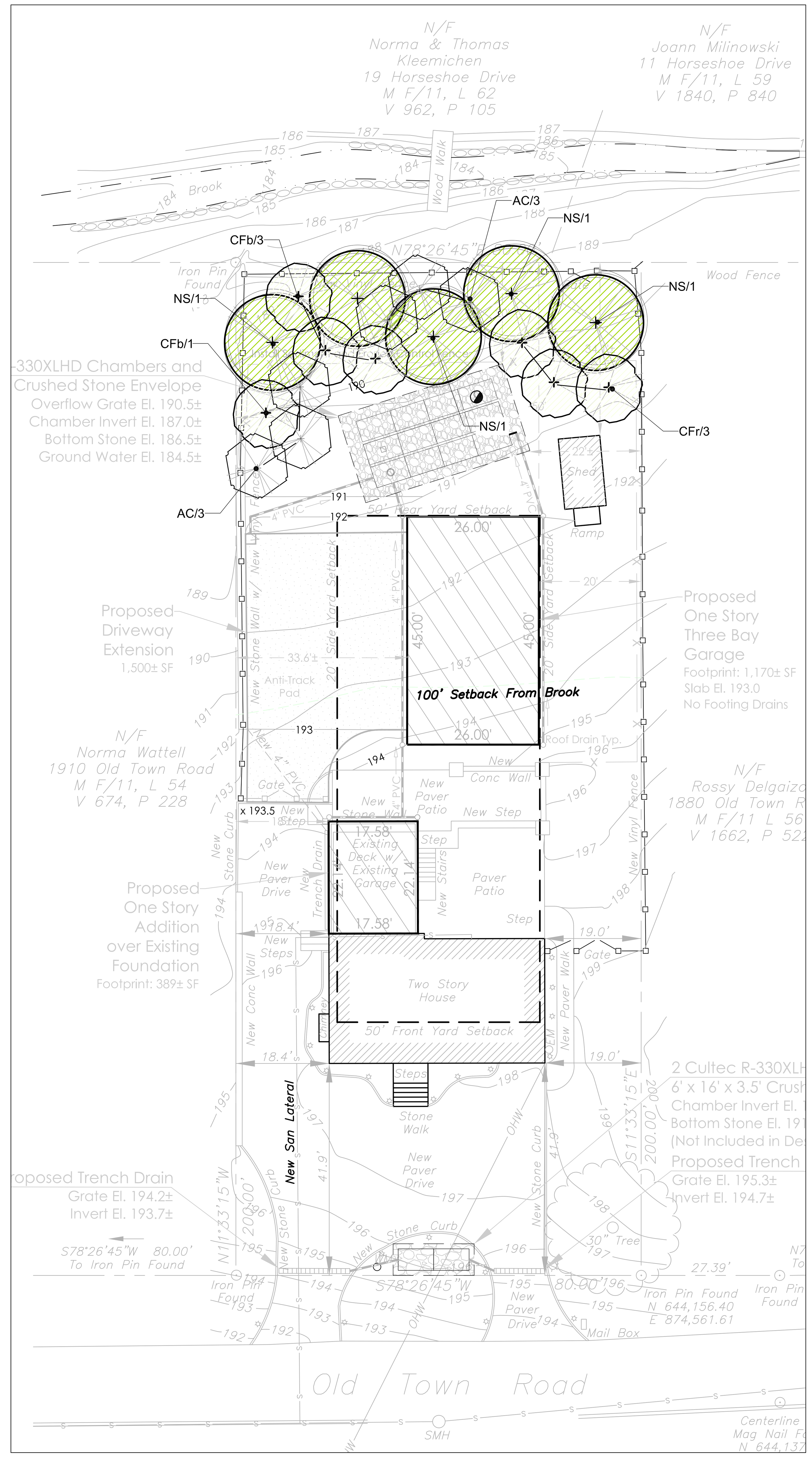
NOTE: THIS DETAIL ASSUMES THAT THE PLANTING SPACE IS LARGER THAN 8' SQUARE, OPEN TO THE SKY, AND NOT COVERED BY ANY PAVING OR GRATING.



STAKING FOR TREES 3" CALIPER OR LESS

NOTES:
- -INSTALL STAKES AS RECOMMENDED BY LANDSCAPE ARCHITECT FOR PLANT STABILITY.
- -ALL STAKES SHALL BE DRIVEN OUTSIDE THE EDGE OF THE ROOT BALL.
- -TIGHTEN STRAPS ONLY ENOUGH TO KEEP FROM SLIPPING. ALLOW FOR SOME TRUNK MOVEMENT.
- -INSTALL THREE GUY WIRES PER TREE, SPACED EVENLY AROUND THE TRUNK.
- -STAKES SHALL BE REMOVED NO LATER THEN THE END OF THE FIRST GROWING SEASON AFTER PLANTING.

(B) TREE STAKING — NTS

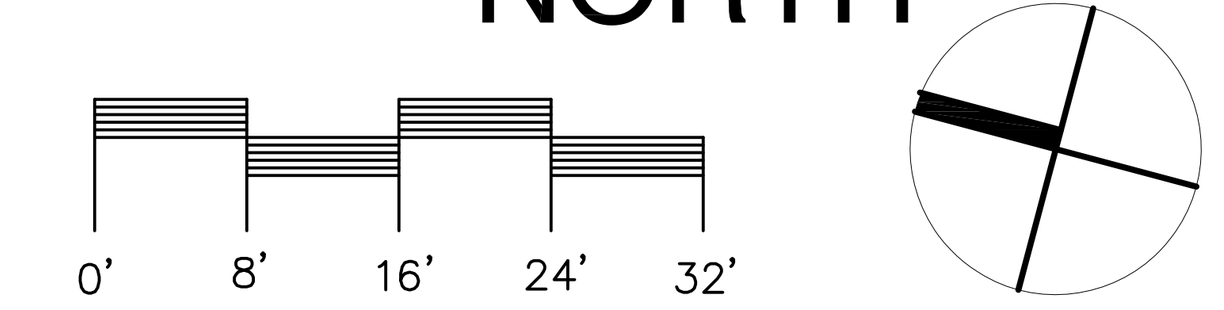


GENERAL NOTES

1. Plans may not accurately reflect existing site conditions. It is the responsibility of the Contractor to visit the site and familiarize themselves with site conditions.
2. The Contractor is responsible for any damage due to construction operations within and OUTSIDE the limits of construction as shown on the plans.
3. The Contractor shall restore all areas disturbed due to construction to original condition, at no additional expense to the Owner.
4. Underground utilities are based on information supplied by others. Other underground utilities may exist on the site, the existence of which are unknown. The existence, size and location of all such features must be determined and verified in the field by appropriate authorities prior to construction. Contact "Call Before You Dig" at 1-800-922-4455 / https://www.cbyd.com/ .
5. The contractor shall familiarize himself with all subsurface utilities prior to the start of work. Any field conditions that differ from the plans shall be brought to the attention of the landscape architect and owner immediately.
6. PROTECT existing utilities to remain from damage. Active utility lines damaged during construction operations shall be repaired or replaced as directed by the utility owner at no additional cost to the owner.
7. Remove all debris and unsuitable materials from site, and it shall become the property of the contractor and shall be removed from the site, and disposed of in accordance with all local, state, and federal laws.

Quantity	Symbol	*Botanical name*	Common Name	Misc.	Size	notes
		TREES				
6	AC	*Amelanchier canadensis*	Serviceberry	Clump Form	#7 Cont.,	36" - 42"
4	CFb	*Cornus Florida 'Cherokee Brave'*	Red Flowering Dogwood	Pink Flower	1.5" - 1.75" CAL.	B&B
3	CF	*Cornus Florida 'Cherokee Princess'*	White Flowering Dogwood	White Flower	1.5" - 2.0" CAL.	B&B
5	NS	*Nyssa sylvatica*	Black Tupelo		2" - 2.5" CAL.	B&B
18	TOTAL #					

NORTH





PLANTING PLAN

NO.	REVISION / ISSUE	DATE:

CRUZ ANTHONY DELGADO, JR.
1890 OLD TOWN ROAD
TRUMBULL, CT 06611

ARIS LAND STUDIO
Sustainability + Land Architecture
3496 Whitney Avenue, Suite 203
Hamden, CT 06518
www.arisls.com
203.527.0075

DATE: 9/30/2026
ISSUED FOR: TOWN REVIEW
DWG. No.: L-1

ALS CONTRACT NO. 26-305
DRAWN BY:
SCALE: $\frac{1}{16}$" = 1'-0"

NOTES

1. ALL EXISTING IMPROVEMENTS SHOWN BASED ON IMPROVEMENT LOCATION SURVEY PREPARED FOR CRUZ ANTHONY DELGADO, JR., 1890 OLD TOWN ROAD, TRUMBULL, CONNECTICUT, SCALE: 1" = 12', JUNE 20, 2026, REVISED APRIL 22, 2026 AND PREPARED BY LINDQUIST SURVEYING LLC.
2. THIS MAP IS NOT VALID WITHOUT A LIVE SIGNATURE AND EMBOSSED SEAL.
3. PARCEL INFORMATION:

   1890 OLD TOWN ROAD
   ASSESSOR'S REFERENCE: MAP **F-11** | LOT **55**
   PARCEL AREA: **16,000**± SQ. FT., **0.367**± AC.
   RECORD OWNER: **DELGADO ANTHONY CRUZ, JR.**; VOL. **1826** PG. **273**
4. PARCELS ARE LOCATED WITHIN THE '**A**' ZONING DISTRICT.
5. SEE FLOOD INSURANCE RATE MAP; FAIRFIELD COUNTY, CONNECTICUT (ALL JURISDICTIONS), PANEL **427** OF **626**, COMMUNITY **TRUMBULL, TOWN OF**, NUMBER **090017** PANEL **0427** SUFFIX **F**, MAP NUMBER **09001C0427F**, EFFECTIVE DATE **JUNE 18, 2010**, THE PARCEL IS LOCATED IN AN AREA DESIGNATED AS **ZONE X UN-SHADED**).
6. THE EXISTING UNDERGROUND UTILITIES SHOWN ARE BASED ON AN IMPROVEMENT LOCATION SURVEY PREPARED FOR CRUZ ANTHONY DELGADO, JR., 1890 OLD TOWN ROAD, TRUMBULL, CONNECTICUT, SCALE: 1" = 12', JUNE 20, 2026, REVISED APRIL 22, 2026 AND PREPARED BY LINDQUIST SURVEYING LLC. THE ENGINEER MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE ENGINEER FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. THE ENGINEER HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. CALL BEFORE YOU DIG, INC. (**1-800-922-4455**).

STORM WATER SYSTEM OPERATION AND MAINTENANCE PLAN

The Owner shall be responsible for operation and Maintenance of the Storm Water Management System as noted herein and notification of future property Owners of the presence of the Storm Water Management System and Requirements for proper maintenance.

☐ Below Ground Detention System

1. The drainage units should be inspected minimally at one-year intervals, or after each significant (>2") rainfall event.
2. The inspection should occur with a telescopic camera inserted into drainage units to examine the inlet and outlet conditions at each end of the system.
3. If significant sediment or debris is observed (>3") at the inlet or outlet side of the system, then the sediment should be cleaned by inserting a vacuum through the connecting pipe.
4. If sediment is found to extend into the drainage units, then the system should be excavated to reveal the contaminated stone, and carefully vacuum out. The area shall be backfilled with new stone and filter fabric to avoid any sediment from entering the bed area.
5. All sediment shall be removed and disposed of in accordance with State, local and Federal regulations.

Test Hole (76")

0" to 6"	Grasses, Organics, Top Soil, Roots
6" to 17"	Medium Brown, Coarse Sand, Small to Medium Stones
17" to 76"	Dark Brown, Sandy Loam, Small Stones
41" to 76"	Medium to Dark Brown, Sandy Loam, Small Stones

Roots	41"
Ground Water	76"
Ledge	None
Mottling	None
Restrictions	Groundwater

Percolation Test Data

Time	Measurement to Water Surface	Drop in Water Level (In.)	Rate (Min./Inch)
2:41 PM	0.250		
2:46 PM	0.360	1.320	3.79
2:51 PM	0.465	1.260	3.97
2:56 PM	0.520	0.660	7.58
3:01 PM	0.585	0.780	6.41
3:06 PM	0.630	0.540	9.26
3:11 PM	0.675	0.540	9.26
Overall Percolation Rate (Min/Inch)		5.88	
Minimum Percolation Rate (Min/Inch)		9.26	
Minimum Percolation Rate (Inches/Hour)		6.48	
Based on minimum percolation rate, a 42" tall system will drain in (Hours):		6.5	

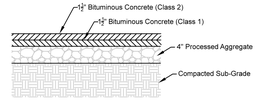
Zone Residence A

REQUIREMENTS	REQUIRED	EXISTING	PROPOSED
LOT AREA	0.50 AC/21,780 SF	16,000± SF	16,000± SF
MIN. ROAD FRONTAGE (FT)	125	80.00	80.00
MIN. FLOOR AREA (SQ. FT)	1 STORY (1ST FL=1200)	N.A.	N.A.
	1.5 STORY (1ST FL=900; 2ND FL=500)	N.A.	N.A.
	2 STORY (1ST FL=900; 2ND FL=800)	1ST FL=1,066± SF; 2ND FL=583± SF	1ST FL=1,455± SF; 2ND FL=583± SF
MAX. BUILDING HEIGHT (FT)	40'(g)	26±	26±
MINIMUM YARDS (FEET IN DEPTH)			
FRONT	*50'	41.9±	41.9±
SIDE	20'	18.4±	18.0±(Addition)
REAR	*50'	34.1± (Shed)	34.1± (Shed)
MAXIMUM COVERAGE			
MAX. BUILDING COVERAGE	25%	10.0%	17.2%
MAX. FLOOR AREA RATIO (PRINCIPAL BUILDING)	0.29	0.13	0.23

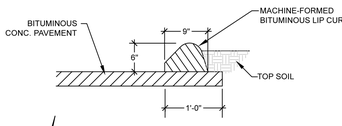
FLOOR AREA CALCULATION

Existing Floor Area Ratio
1st Floor = 1,066 SF
2nd Floor = 583 SF
Attached Garage = 389 SF
Roofed Porch = 0 SF
Rear Shed = 114 SF
Total = 2,152 SF / 16,000 SF = **0.13**
Allowed 0.29 = 4,640 SF

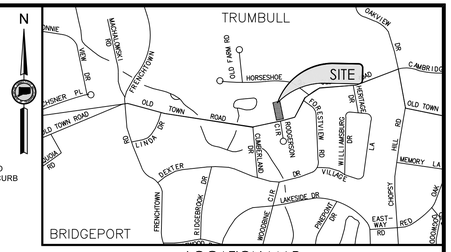
Proposed Floor Area Ratio
1st Floor = 1,066 SF
1st Floor Addition = 389 SF
2nd Floor = 583 SF
Attached Garage = 389 SF
Roofed Porch = 0 SF
Rear Shed = 114 SF
Proposed Garage = 1,170 SF
Total = 3,711 SF / 16,000 SF = **0.23**
Allowed 0.29 = 4,640 SF



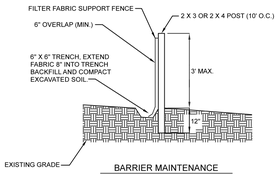
BITUMINOUS CONCRETE PAVEMENT
NTS



BITUMINOUS LIP CURB
SCALE: NTS



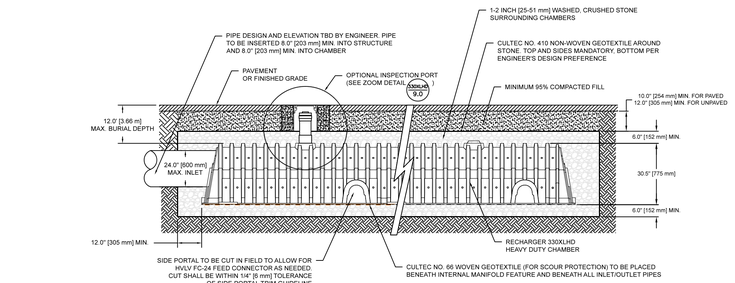
LOCATION MAP



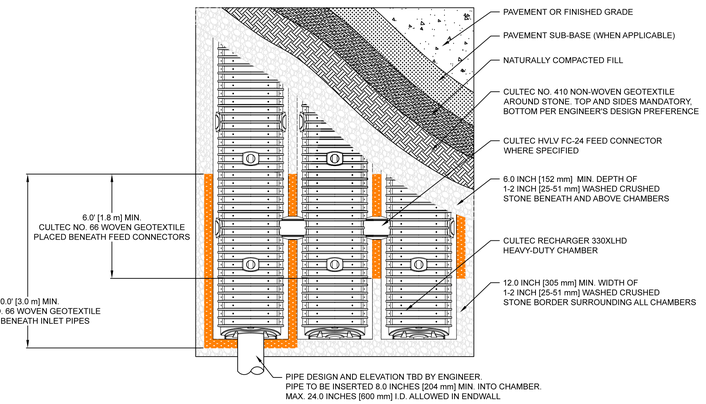
BARRIER MAINTENANCE

1. INSPECT FENCE AFTER EACH RAINFALL AND DAILY DURING PROLONGED RAINFALL. REPAIR WHERE REQUIRED.
2. REMOVE SEDIMENT DEPOSITS WHEN THEY REACH 1/8 OF THE BARRIER

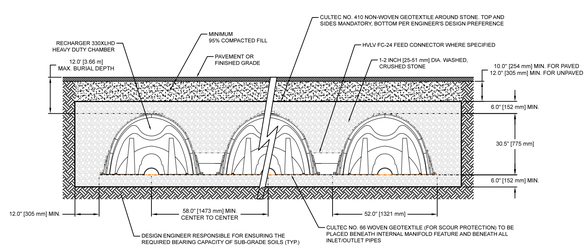
FILTER FENCE DETAIL



CULTEC INTERNAL MANIFOLD- OPTIONAL INSPECTION PORT DETAIL



CULTEC RECHARGER 330XLHD HEAVY DUTY PLAN VIEW



GENERAL NOTES
RECHARGER 330XL HD BY CULTEC, INC. OF BROOKFIELD, CT.
STORAGE PROVIDED = 11.32 CF/FT [1.05 m³/m] PER DESIGN UNIT.
REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION GUIDELINES.
THE CHAMBER WILL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS

ALL RECHARGER 330XL HD HEAVY DUTY UNITS ARE MARKED WITH A COLOR STRIPE FORMED INTO THE PART ALONG THE LENGTH OF THE CHAMBER.
ALL RECHARGER 330XL HD CHAMBERS MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS

CULTEC RECHARGER 330XLHD HEAVY DUTY TYPICAL CROSS SECTION

NDS Technical Specifications

12 in. Square Catch Basin Drains

APPLICATION
- Collects stormwater runoff and standing water and directs to drain pipes
- Use for lawns, landscaped areas, downspouts, patios, driveways, and other areas protected from pedestrian to non-speed vehicular traffic loads
- Savings over more expensive concrete basins
- Use with compatible NDS grate options

FEATURES
- Configured with 2, 3 and 4 factory pre-keyed outlets
- Reduce to 1 single outlet, order 1200 plug or buy kit
- Keyed pipe connectors for 3 in., 4 in., 6 in., or 8 in. drain pipes
- Additional cut-out guides on 2 sides and bottom for custom applications (3 in., 4 in., 6 in., and 8 in. pipes)
- 4 weephole knockouts allow for standing water in basin to slowly drain into the soil following a flow event
- Supporting ribs for added grate strength and durability
- Sump collects sediment particles before they can enter the drainage pipe
- Guidelines on basin sides indicate correct pour depth of the concrete collar required for basins that will be subject to vehicular loading (see installation detail)
- Risers can be stacked to increase basin depth, as required
- Accepts 2 #6 screws to attach compatible grates

OPERATING RANGE
- Capacity up to 348 GPM (max open area grate option)

SPECIFICATIONS
- Made of black polypropylene using a combination of virgin and recycled content treated with UV inhibitors
- Solvent cement compatible with PVC
- Inlet and pipe can be made watertight with sealant caulk
- Accommodates rigid PVC pipe and flexible corrugated HDPE pipe (see connectors or cutout sizes)
- Weight:
  - Part Number 1200: 4.25 lbs.
  - Part Number 1203: 3.75 lbs.
  - Part Number 1204: 3.20 lbs.

WARRANTY
- Limited one-year warranty

Part Number 1200 – 2 side outlets
Part Number 1203 – 3 side outlets
Part Number 1204 – 4 side outlets

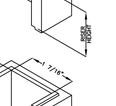
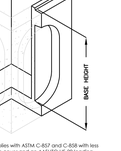


Image of 1200 basin with optional (sold separately) 1212 slotted grate, w/1206 plug on far side.



TYL_CAL Cat Basin 80322

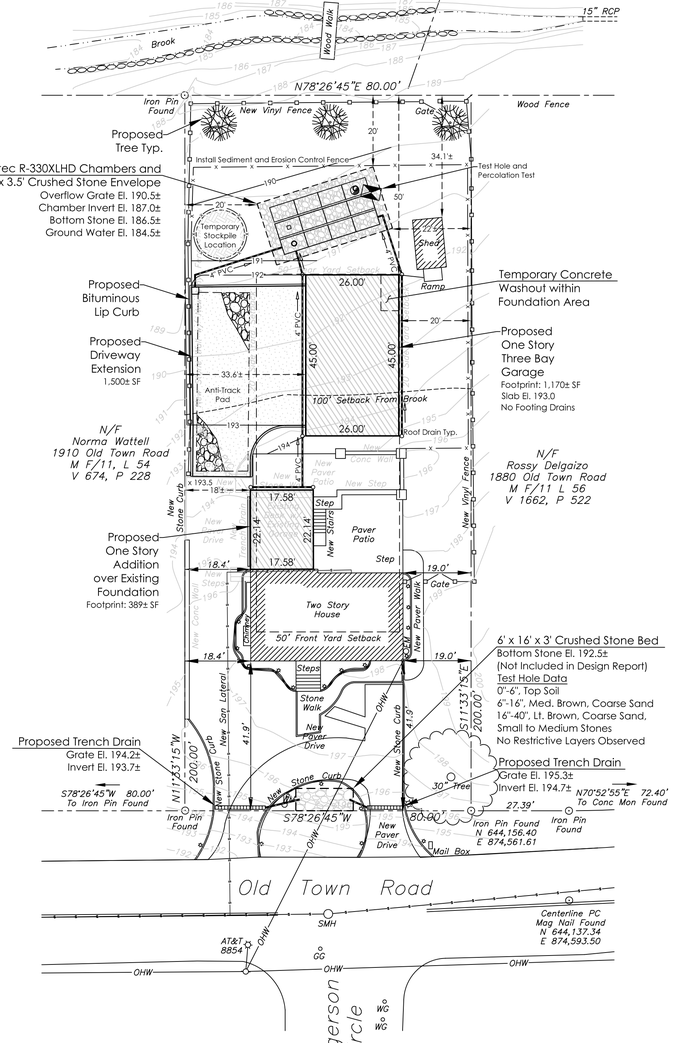
Page 1 of 3

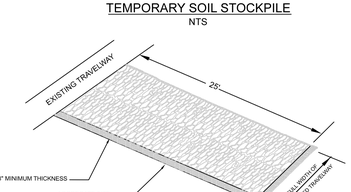
851 N. Harvard Avenue | Lindsay, CA 93247 | Technical Support: 888-825-4716 More solutions at ndspro.com

PAVEMENT AND CRUSHED STONE BED
NTS

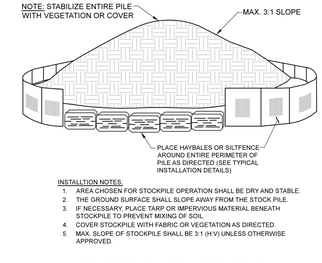
TYPICAL TRENCH DRAIN
NTS

TYPICAL 2' X 2' CATCH BASIN, BASES AND RISERS, 6" WALL
NTS





ANTI-TRACKING PAD
NTS



INSTALLTION NOTES:
1. AREA CHOSEN FOR STOCKPILE OPERATION SHALL BE DRY AND STABLE.
2. THE GROUND SURFACE SHALL SLOPE AWAY FROM THE STOCK PILE.
3. IF NECESSARY, PLACE TARP OR IMPERVIOUS MATERIAL BENEATH STOCKPILE TO PREVENT MIXING OF SOIL.
4. COVER STOCKPILE WITH FABRIC OR VEGETATION AS DIRECTED.
5. MAX. SLOPE OF STOCKPILE SHALL BE 3:1 (H:V) UNLESS OTHERWISE APPROVED.

TEMPORARY SOIL STOCKPILE
NTS

0 20 40 60 100
SCALE

OWNER INFORMATION
CRUZ ANTHONY DELGADO, JR.
PHONE: 203-650-2177
EMAIL: delgadocruzjr@gmail.com

Cabezas Engineering and Land Surveying, LLC
Phone:203-330-8700
Mobile:203-522-1795
Email: cabezasengineering@gmail.com

SCALE: 1"=20'
FIELD FILE: rw5
PROJECT NO. 2555
DATE: May 24, 2026
CAD FILE: 1890 Old Town Road.dwg
SHEET 1 OF 1
REV: Trees Added 07-08-2026
REV: Engineering Comments 10-02-2026

STATE OF CONNECTICUT WASHINGTON CABEZAS No. 70210 LICENSED PROFESSIONAL ENGINEER

TO THE BEST OF MY KNOWLEDGE & BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON

WASHINGTON CABEZAS, JR PEL 70210
PROFESSIONAL ENGINEER AND LAND SURVEYOR

SITE PLAN AND DRAINAGE PLAN

PREPARED FOR

CRUZ ANTHONY DELGADO, JR.

1890 OLD TOWN ROAD
TRUMBULL, CONNECTICUT
ASSESSOR'S REFERENCE: MAP **F-11** | LOT **55**

SHEET 1 OF 1

MAY 24, 2026 WASHINGTON CABEZAS, JR., PE, LS SCALE: 1" = **20'**

INLAND WETLANDS AND WATERCOURSES
COMMISSION
TOWN OF TRUMBULL

APPLICATION FOR PERMIT

SECTION I

Application No.
26-36
RECD 9.21.2026

1. Location/address of property where activity is proposed: Near 33 Booth Hill Road/ 334 Unity Road, Trumbull, C
   Parcel Size Approx. 7.45 acres Zone: AA Map ID: I10-182 Current Use: Vacant/Residential Land
2. Applicant's Name: Unity Road Trumbull, LLC
   Applicant's Address: 111 Booth Hill Road, Trumbull, CT 06611
   Applicant's interest in property (Lessee, Licensee, Owner, etc.): Owner
3. Name of Property Owner of Record: Unity Road Trumbull, LLC
   If the owner is a corporation, or other non-individual entity, include the primary contact information
   Address of Owner of Record: 111 Booth Hill Road, Trumbull, CT 06611

If Applicant is the Owner, go to #5

4. The undersigned hereby authorizes Russo & Rizio, LLC to act as Agent on my behalf as related to this application.

   Unity Road Trumbull, LLC
   (Owner of Record)

5. Description of proposed activity and location of property. Include listing of all proposed regulated activities (use separate sheet if necessary):

Remediation plan for violation notice dated April 4, 2023. This plan includes general planting and remediation measures to bring resolution to the violation notice. See plan and report for more details.

The applicant understands that this application is to be considered complete only when all information and documents required by the Agency have been submitted.
The undersigned warrants the truth of all statements contained herein and in all supporting documents under penalty of false statement according to the best of his/her knowledge and belief.
Permission is granted to the Town of Trumbull, Inland Wetlands & Watercourses Commission, and its agent (s) to inspect the subject land, at reasonable times, during the pendency of an application and for the life of the permit under Section 7.5 of the IWWC Regulations.

Applicant's Signature: _____ Date: _____
(If not the Owner)

Owner's Signature: Matthew Mihaly Member- Unity Rd Trumbull LLC Date: 9/17/26

PLEASE BE AWARE scammers are attempting spear phishing attacks targeted towards applicants by impersonating official town personnel and asking for a wire transfer/payment. The IWWC Department will never ask for electronic payments. If you have any questions, please call our office at 203-452-5046.

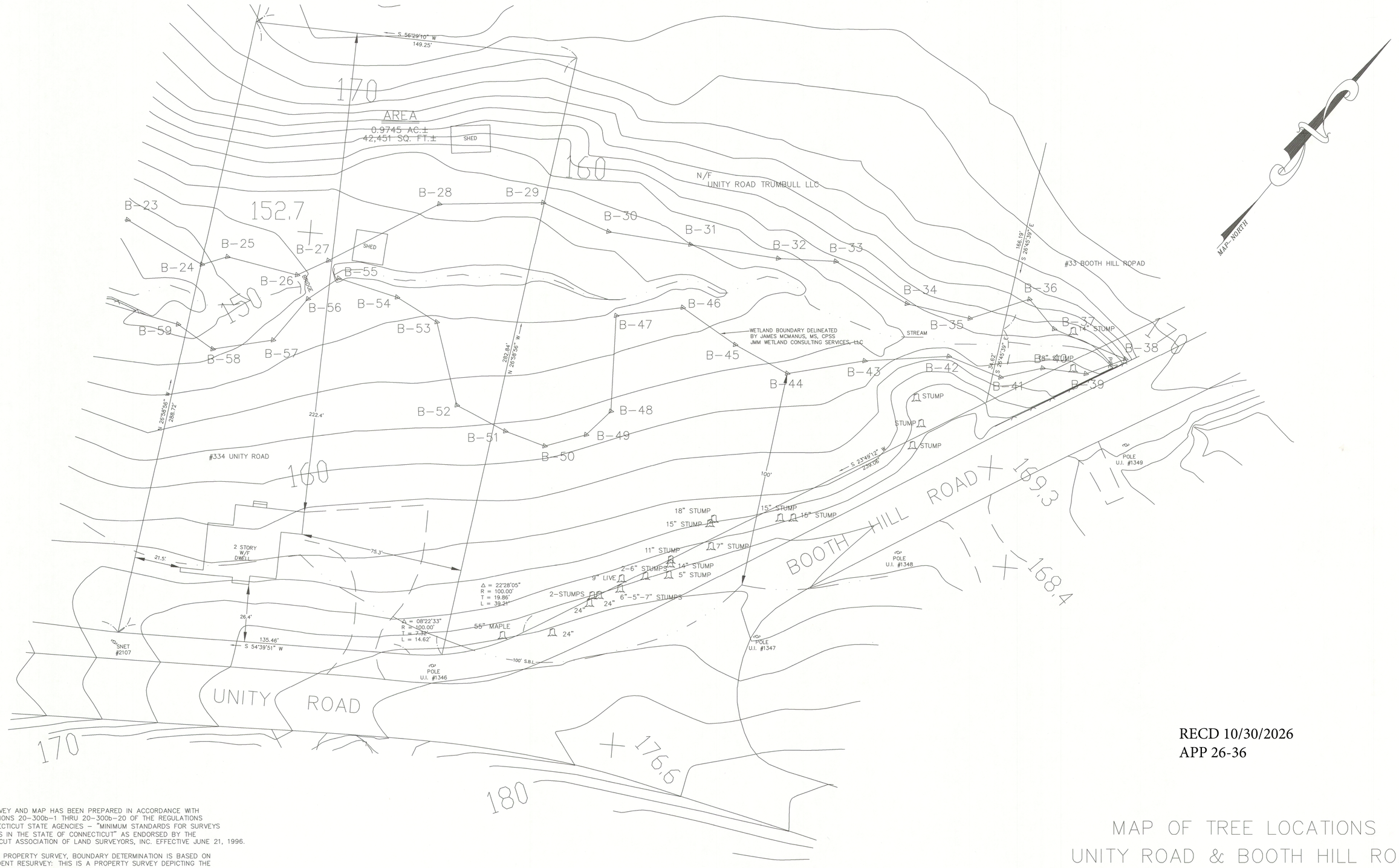
SECTION II

SITE PLAN REQUIREMENTS

1. Total property area: 7.45 Zone: AA Number of Lots: 1
2. Map ID, from assessors card: I10-182
3. Total area existing of wetlands on property: .81 acre
4. Total area of Regulated area on property: 3.41 acre
5. Wetlands area to be disturbed: 0
6. Upland Review area to be disturbed: See Mitigation and Restoration Plan
7. Proposed % of wetlands on the property to be disturbed: 0
8. Total area of proposed land disturbance: Approx. 150 SF
9. Is the proposed activity located within 500 feet of the boundary of Easton, Monroe, Shelton, Stratford, Bridgeport or Fairfield: Yes _____ No X (If yes, see Section 8.2 of the Trumbull IWWC Regulations.)
10. Is any portion of the site located within a water company watershed: Yes _____ No No (If yes, see Section 8.3 of Trumbull Inland Wetlands & Watercourses Regulations.)
11. Existing property coverage type data:

	Percent of Regulated Area:	**Dominant Species**:
Trees:	Approx. 96%	
Shrubs:	Approx. 4%	
Grasses, weeds, etc:	Approx. 4%	
Impervious area:	0%	

12. Existing watercourse data and open water characteristics: (if applicable)
    a. Size of pond(s) or lake(s): N/A
    b. Stream characteristics: intermittent or permanent: Permanent
    c. 100 year flood evaluation: Zone X
13. Probable effect of proposal (if any) on vegetation and wildlife: Net benefit due to increase to the vegetative buffer to the regulated resources as well as additional wildlife habitat.
14. Existing or proposed source(s) of water supply for the property: Public Water
15. Existing or proposed method of sewage disposal for the property: Public Sewer
16. Creation of proposed water bodies (if yes, detailed information will be required): Yes: _____ No: X
17. List proposed measures to protect regulated and inland wetland areas from:
    a. Erosion and sedimentation: See Mitigation and Restoration Plan
18. Proposed percent of Regulated area to be covered with impermeable surface: 0%
19. Material to be (check all that applies): deposited ☐ excavated ☐ (if yes, complete the following):
    a. Area: N/A Volume: N/A
    b. Physical & Chemical composition of material to be deposited: N/A



RECD 10/30/2026
APP 26-36

NOTE:

1.) THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH THE SECTIONS 20-300b-1 THRU 20-300b-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES – "MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. EFFECTIVE JUNE 21, 1996.

THIS IS A PROPERTY SURVEY, BOUNDARY DETERMINATION IS BASED ON A DEPENDENT RESURVEY: THIS IS A PROPERTY SURVEY DEPICTING THE POSITION OF EXISTING IMPROVEMENTS.

2.) THIS SURVEY CONFORMS TO CLASS A-2 HORIZONTAL ACCURACY STANDARDS.

3.) REFER TO MAPS #629, #1122, #2839 AND #3304 ON FILE TRUMBULL TOWN CLERK'S OFFICE.

4.) NORTH BASED ON MAP #3304 (NOTE 3).

5.) PROPERTY IS LOCATED IN RESIDENCE ZONE "AA".

6.) PROPERTY TO BE SERVED BY PUBLIC WATER AND PUBLIC SEWERS.

7.) TOTAL AREA = 8.174 AC.±, WETLAND AREA = 1.8667 AC.±.

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

PAUL J. BOMBERO, SR., L. S. #70049
155 BEAR HILL ROAD
BETHANY, CONN.
PHONE: 203-530-9779

MAP OF TREE LOCATIONS
UNITY ROAD & BOOTH HILL ROAD
IN TRUMBULL, CONN.
FOR MATTHEW MIHALY

JUNE 21, 2023 SCALE: 1" = 20'
REVISED 10/27/26 (SCALE FOR 24" X 36" PRINT)

8342

Unity Road Trumbull, LLC
111 Booth Hill Road
Trumbull, CT 06611

September 15, 2026

Inland Wetlands and Watercourses Commission
Town of Trumbull
5866 Main Street
Trumbull, CT 06611

RE: Notice of Violation – Remediation Material

Dear Members of the Commission:

Please find enclosed the submission material addressing the Notice of Violation issued April 4, 2023. The enclosed materials document the activities that occurred on the site and set forth a proposed restoration and mitigation planting plan to resolve this matter. The following materials are submitted for the Commission's review:

1. General Application for Permit/Site Plan Requirements dated September 15, 2025 (Sections I and II)
2. Summary and Plan of Activities in Response to Notice of Violation, dated August 5, 2026
3. Site Tree/Stump Survey Map – "Map of Tree Locations, Unity Road & Booth Hill Road," dated June 21, 2023
4. Mitigation and Restoration Planting Plan dated September 14, 2026
5. Restoration Plan/Report prepared by JMM Wetland Consulting Services, LLC, dated September 15, 2026, including the site location figure, Mitigation and Restoration Planting Plan (PP-1), and Planting Plan Implementation Notes
6. Notice of Violation, dated April 4, 2023 (included for reference)

We appreciate the Commission's time in reviewing this material and look forward to working cooperatively toward a timely resolution.

Sincerely,

Unity Road Trumbull, LLC

JMM
Wetland Consulting Services, LLC

23 Horseshoe Ridge Road
Newtown, CT 06482
Phone: 203-364-0345
Mobile: 203-994-3428
james@jmmwetland.com
jmmwetland.com

September 15, 2026

Unity Road Trumbull, LLC
Booth Hill/Unity Roads
Trumbull, CT 06611

RE: ***Restoration Plan***
Booth Hill and Unity Roads, Trumbull, CT
JMM Job # 26-3875-TRB-1

JMM Wetland Consulting Services, LLC (JMM) provides herein a restoration and mitigation planting plan for the wetland violation at the above-referenced property (see Figure 1, attached).

In 2023, the Trumbull IWCC found you to be under violation of the Trumbull Inland Wetland and Watercourse Regulations. The violated activity included tree removal, primarily in the eastern and southeastern portions of the property. JMM is aware that no activity has occurred on-site since the Notice of Violation was issued, and that a portion of the removals were performed by United Illuminating, the Town of Trumbull, by storm events, or for safety concerns. At your request, JMM visited the site on April 13, 2026, to review the original wetland delineations that were originally completed in 2018 and to gather additional baseline information. The following plan will aid in restoring the area, as well as mitigating any future construction plans on the property.

Currently, the overall property consists of several single-family residences, maintained lawn, landscaped areas, paved driveways, sheds, a stone dam, forested upland areas, and forested and wetland areas, which includes perennial and intermittent watercourses. More specifically, the area for the Restoration Plan is closest to eastern portion of the JMM-B-series near Booth Hill Road, which contains a wooded swamp and perennial watercourse. Multiple trees that were removed from the property fall into the scope of this planting area or adjacent to it. The following are general steps for a Restoration/Mitigation Plan for the affected area.

Restoration and Mitigation Plan:

1. Install erosion and sediment controls as needed.

2. Removal of any invasive species/dead tress within the planting areas as needed.

3. Removal of all additional miscellaneous debris from planting areas if needed.

4. The planting of the proposed trees and shrubs will be installed in accordance with the JMM PP-1 planting plan in the Fall of 2026 or the Spring of 2027 (see JMM Planting Plan attached for more information).

5. JMM proposes that the restored area be monitored for one growing season, that is in Fall of 2027. This one growing season monitoring program will include the review of any invasive species intrusion into the wetland restoration area. If any invasive species are observed, they will be removed.

Proposed Plants

The proposed plants for this mitigation plan are comprised of native species of shade trees and shrubs. They were specifically chosen to survive in the wetland and upland soils on-site. Shade trees should have an initial caliper size of 2.5 to 3 inches, and shrubs should be provided in 3-gallon containers.

The native shade tree species include red maple (*Acer rubrum*) and sugar maple (*Acer saccharum*), with the red maple being placed closer to the wetland boundaries. The native shrubs include silky dogwood (*Swida amomum*), winterberry (*Ilex verticillata*), northern spicebush (*Lindera benzoin*), and highbush blueberry (*Vaccinium corymbosum*). These shrubs are evenly distributed around the central trees and throughout the planting area.

Please call us if you have any questions on the above or need further assistance.

Respectfully submitted,

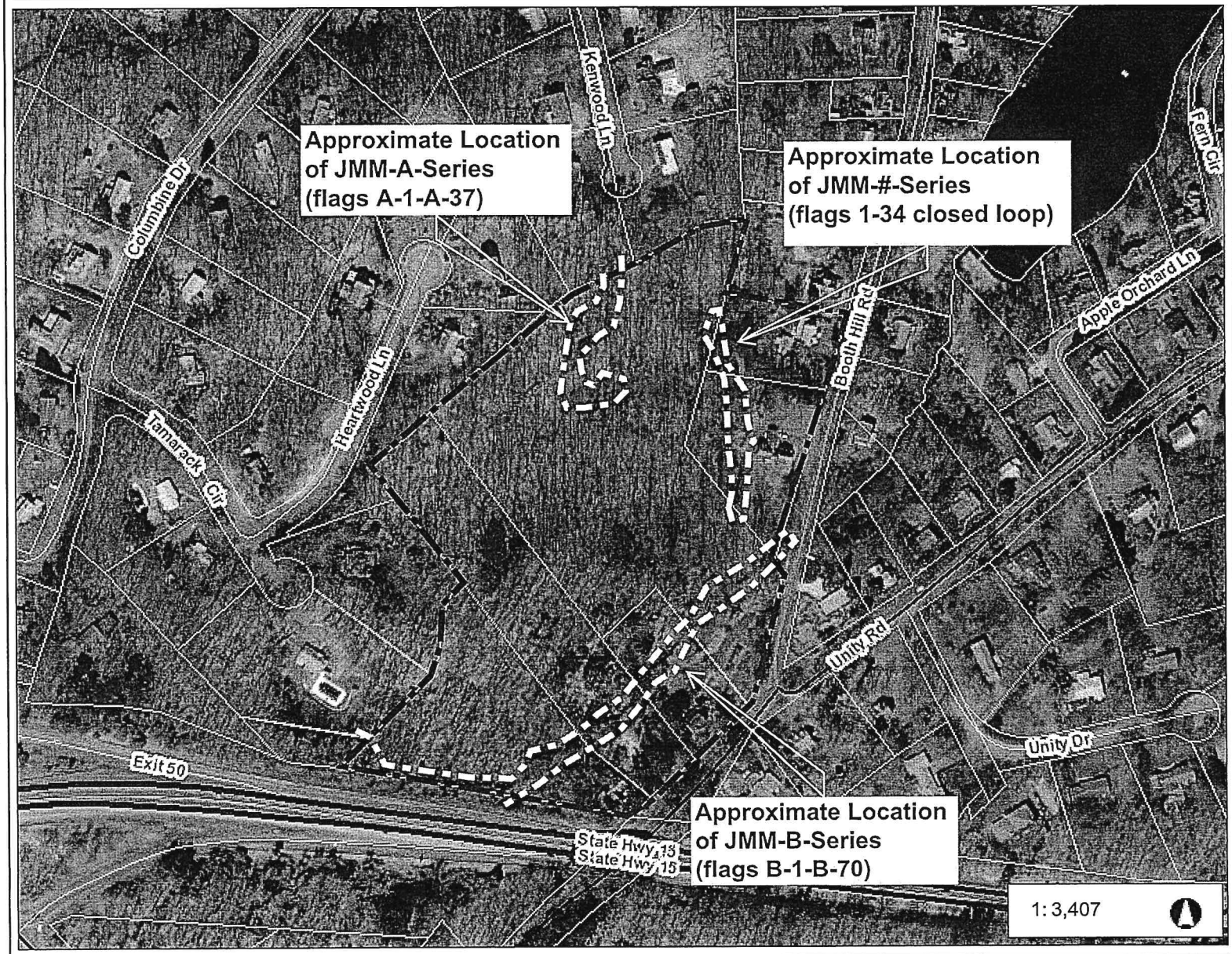
JMM WETLAND CONSULTING SERVICES, LLC

James M. McManus, MS, CPSS
Certified Professional Soil Scientist (No. 15226)

Attachments: Figure 1, JMM Planting Plan LP-1, Planting Plan Implementation Notes

Town of Trumbull

FIGURE 1: Booth Hill & Unity Roads, Trumbull, CT



Legend

- Streetname
- Roadways
  - Local
  - Collector
  - Minor Collector
  - Minor Arterial
  - Major Collector
  - PA Other
  - PA Other Expwy
  - PA Interstate

567.8 0 283.90 567.8 Feet

WGS_1984_Web_Mercator_Auxiliary_Sphere
Created by Greater Bridgeport Regional Council

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.
THIS MAP IS NOT TO BE USED FOR NAVIGATION

METROCOG
Connecticut Metropolitan Council of Governments

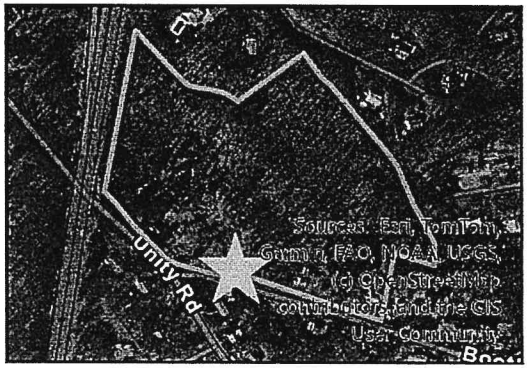
Mitigation and Restoration Planting Plan for Booth Hill and Unity Roads, Trumbull, Connecticut



Plant List

Key	Qty.	Botanical/Common Name	Size
		Native Trees	
AR	5	*Acer rubrum / Red maple*	*2.5"-3" CAL.*
AS	5	*Acer saccharum / Sugar maple*	*2.5"-3" CAL.*
		Native Shrubs	
CA	5	*Cornus amomum / Silky dogwood*	*3 GAL.*
IV	5	*Ilex verticillata / Winterberry*	*3 GAL.*
LB	5	*Lindera benzoin / Northern spicebush*	*3 GAL.*
VC	5	*Vaccinium corymbosum / Highbush blueberry*	*3 GAL.*

Note: All proposed trees are to be 10 feet on center, and all proposed shrubs are to be 6 feet on center. Planting should take place in spring from April 15th to June 15th or in fall between September 1st and November 15th of the given year.



Legend

- Proposed Tree
- Proposed Shrub
- Approximate Planting Zone
- Boundary of Properties
- Approximate JMM Wetland Boundary (Flags JMM-B-31 to JMM-B-46)

No.	Date	Revision

Mitigation and Restoration Planting Plan
Booth Hill and Unity Roads, Trumbull CT

Proj. No. 26-3875-TRB-1	Date Issued 9-14-2026	Scale 1:919
Planting Plan Sheet 1/1	**PP-1**	0 50 100 Feet

JMM Wetland Consulting Services, LLC
23 Horseshoe Ridge Road | Newtown, CT 06482
jmmwetland.com | 203-364-0345

Booth Hill and Unity Roads, Trumbull, CT

Enhancement/Mitigation Plantings

Planting Plan Implementation Notes

Site Preparation of Planting Area:

1. Planting of the Enhancement/Mitigation Planting Area shall take place *in spring* from April 15th and June 15th or *in fall* between September 1st and November 15th of a given year.
2. A soil/wetland scientist could be consulted prior to the planting to coordinate and advise the landscaper/contractor, should any questions arise. However, this particular landscape plan is fairly straightforward and could be easily implemented by a competent landscape professional and/or contractor.
3. To the extent possible use hand tools for the removal of any invasive shrubs.
4. *Order plants ahead of time* (at least one month) to improve likelihood of availability. Plant lists include a nursery contact, but others may be used. Nurseries should be in southern New England or the Mid-Atlantic States. Obtain approval from Town staff for any substitutions due to lack of availability.

Erosion and Sediment Control:

5. Install erosion controls *as needed* to protect sediment from reaching the regulated wetland.

Plant Installation:

6. Storage: Keep plants in the shade and install within three (3) days of delivery. Keep watered, as necessary.
7. Woody Plantings: Dig holes *by hand* to *minimize compaction* of soil. Water holes before planting *unless* it is already very moist. Place plants into holes and replace soil, so that there is full coverage of roots, with no air spaces and level soil around the plant. Holes shall be oversized (2X the pot diameter) and backfilled with high-quality topsoil.
8. Form *saucers* around shrub plantings, two inches high, 36" across for nursery stock to retain rainfall and/or irrigation water. Water right after planting.
9. Spread a two-inch thick layer of bark or hay *mulch* in a three-foot diameter circle around each planting. Leave a gap of three inches around each trunk.

Follow-up:

10. Irrigation: Water all plantings and/or transplants at least weekly in drought-free periods. More frequent watering will increase plantings success.

Unity Road Trumbull LLC
111 Booth Hill Road
Trumbull, CT 06611

August 5, 2026

Tatiana Solovey, PE
IWWC Co-Agent
Town of Trumbull, Engineering Department
5866 Main Street
Trumbull, Connecticut 06611

RE: Summary and Plan of Activities in Response to Notice of Violation dated April 4, 2023 — Parcel I10-182 (Intersection of Unity Rd and Booth Hill Rd), Trumbull, CT

1. Summary of Activities to Date

During 2023, tree removal and brush cleanup were conducted on the property by Unity Road Trumbull, LLC ("Landowner"). This work was undertaken to clean up the property and address overgrown vegetation on the site. Much of this vegetation was heavily infested with invasive vines and in declining health, and a number of the removed trees were already dead prior to removal.

Separately and independently, United Illuminating ("UI") removed a number of trees on the property in connection with utility line maintenance. This included three large trees along the Unity Road/ Booth Hill Road frontage; one approximately 55-inch maple and two approximately 24-inch trees. In addition, some trees on the property fell during storm activity in 2023, unrelated to any land clean up work. One such tree destroyed a truck and a boat that were parked and stored on the property at the time.

A stump map is attached identifying, to the best of the Landowner's knowledge, which stumps resulted from the Landowner's cleanup activity versus those removed by UI or lost to storm damage. Please note that the measurements shown on the map reflect stump diameters. The stump/tree survey and supporting site photographs are attached as Exhibits A through C.

2. Status Since Notice of Violation

No further site work, property clean up activity, or remediation has occurred since the Notice of Violation was issued on April 4, 2023. The Landowner recognizes that this matter has remained outstanding and is submitting this summary to move it toward resolution.

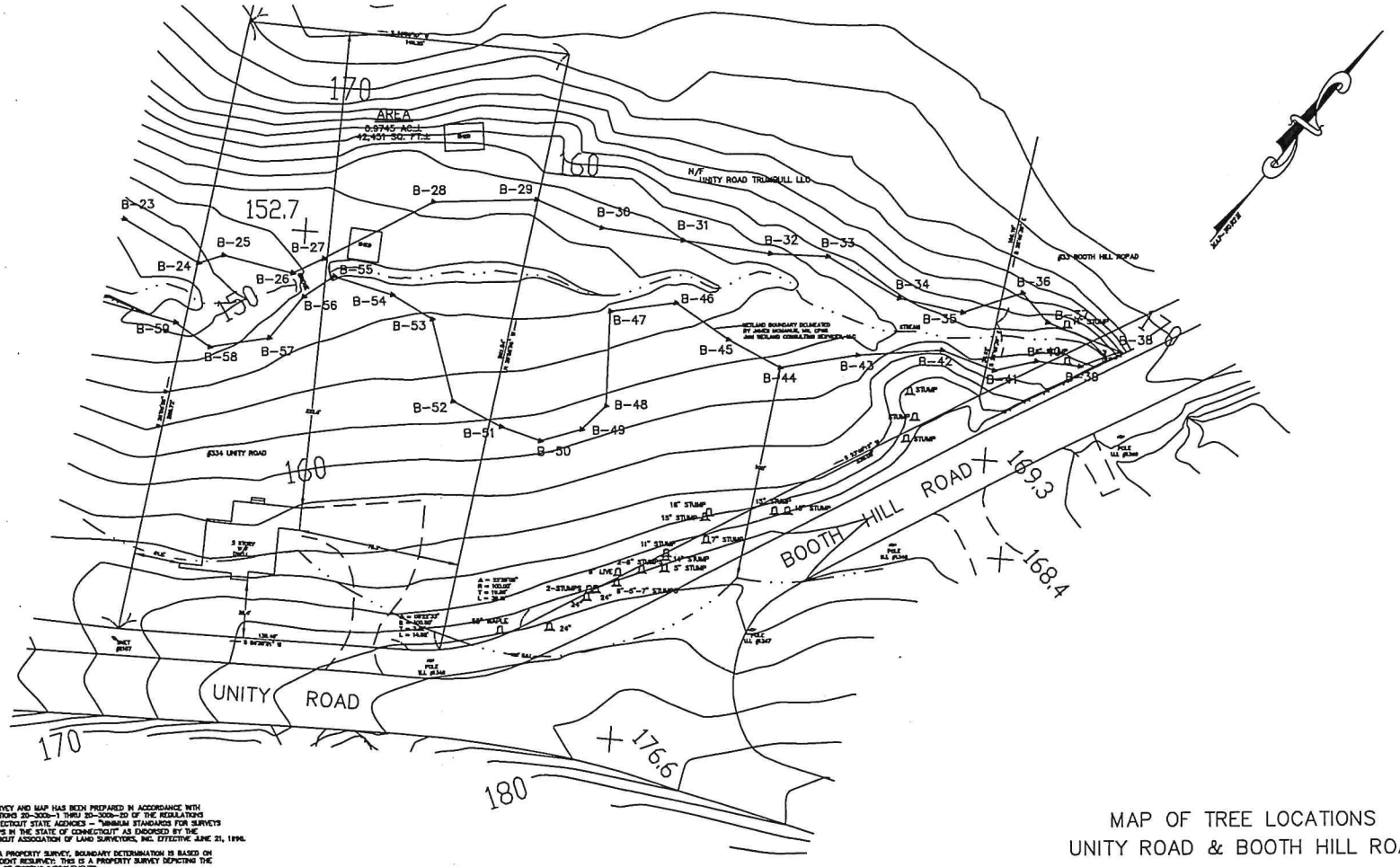
The Landowner is committed to working cooperatively with the Town of Trumbull Inland Wetland and Watercourse Commission ("IWWC") to resolve this matter. Please let us know how you would like to proceed, or if any additional information is needed at this time.

Sincerely,

Unity Road Trumbull LLC

Exhibit A — Site Tree / Stump Survey

Source: 8342 Map — Model (Trees), Trumbull, CT (survey plan referenced in Section 1 above).



NOTE:

1.) THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH THE SECTIONS 20-300b-1 THRU 20-300b-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES - "MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. EFFECTIVE JUNE 21, 1996.

THIS IS A PROPERTY SURVEY, BOUNDARY DETERMINATION IS BASED ON A DEPENDENT RESURVEY. THIS IS A PROPERTY SURVEY DEPICTING THE POSITION OF EXISTING IMPROVEMENTS.

2.) THIS SURVEY CONFORMS TO CLASS A-2 HORIZONTAL ACCURACY STANDARDS.

3.) REFER TO MAPS #838, #1122, #2838 AND #5304 ON FILE TRUMBULL TOWN CLERK'S OFFICE.

4.) NORTH BASED ON MAP #5304 (NOTE 3).

5.) PROPERTY IS LOCATED IN RESIDENCE ZONE "AA".

6.) PROPERTY TO BE SERVED BY PUBLIC WATER AND PUBLIC SEWERS.

7.) TOTAL AREA = 8.174 AC.±, WETLAND AREA = 1.8887 AC.±.

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

PAUL J. BOMBERO, SR., L. S. #70048
155 BEAR HILL ROAD
BETHANY, CONN.
PHONE: 203-530-8778

MAP OF TREE LOCATIONS
UNITY ROAD & BOOTH HILL ROAD
IN TRUMBULL, CONN.
FOR MATTHEW MIHALY

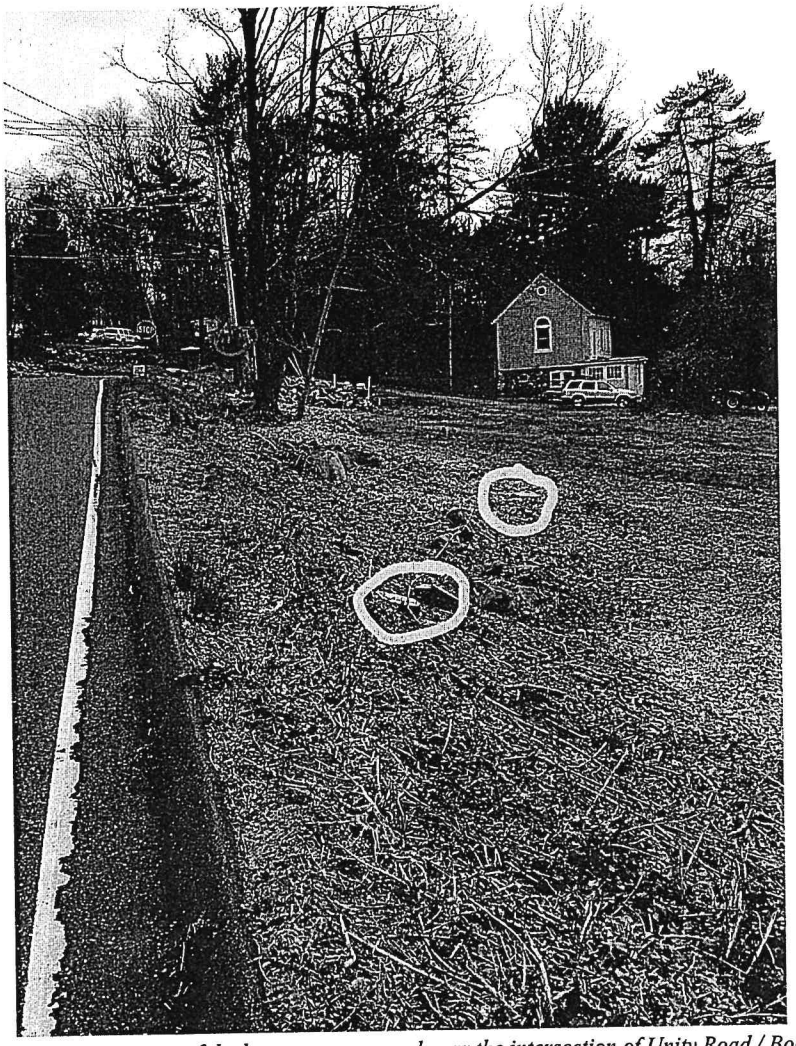
JUNE 21, 2023 SCALE: 1" = 50'

Exhibit B — Pre-Removal Site Conditions (Google Street View)



Wooded/Brush frontage near the intersection of Unity Road / Booth Hill Road prior to tree/brush removal.

Exhibit C — Post-Removal Site Photograph



Site photograph showing stumps of the large trees removed near the intersection of Unity Road / Booth Hill Road.

INLAND WETLANDS AND WATERCOURSES
COMMISSION
TOWN OF TRUMBULL

APPLICATION FOR PERMIT

SECTION I

Application No. 26-37 SUBMITTED
SEP 22 2026
INLAND WETLANDS COMMISSION
BY _____

1. Location/address of property where activity is proposed: 21 Fuller Road
   Parcel Size 241,238 SF Zone: AAA Map ID: C/04/00004 Current Use: Single-family residential
2. Applicant's Name: Mary Beth Simons
   Applicant's Address: c/o Chris Russo, Russo & Rizio, LLC, 10 Sasco Hill Rd., Fairfield, CT 06824
   Applicant's interest in property (Lessee, Licensee, Owner, etc.): Owner
3. Name of Property Owner of Record: Mary Beth Simons
   If the owner is a corporation, or other non-individual entity include the primary contact information
   Address of Owner of Record: c/o Chris Russo, Russo & Rizio, LLC, 10 Sasco Hill Rd., Fairfield, CT 06824

If Applicant is the Owner, go to #5

4. The undersigned hereby authorizes _____ to act as Agent on my behalf as related to this application.

   _____
   (Owner of Record)

5. Description of proposed activity and location of property. Include listing of all proposed regulated activities (use separate sheet if necessary):

The Applicant proposes to subdivide the property into three (3) buildable lots compliant under the Trumbull Zoning Regulations. No subdivision improvements are required to effectuate the subdivision. The Applicant has submitted a conceptual development plan, which shows potential future development of the two (2) created lots with conceptual dwellings, driveway, drainage and septic systems located significantly outside the regulated area.

The applicant understands that this application is to be considered complete only when all information and documents required by the Agency have been submitted.
The undersigned warrants the truth of all statements contained herein and in all supporting documents under penalty of false statement according to the best of his/her knowledge and belief.
Permission is granted to the Town of Trumbull, Inland Wetlands & Watercourses Commission, and its agent (s) to inspect the subject land, at reasonable times, during the pendency of an application and for the life of the permit under Section 7.5 of the IWWC Regulations.

Applicant's Signature: _____ Date: 09/16/2026
(If not the Owner)

Owner's Signature: _____ Date: 09/16/2026

of
electronic payment. If you have any questions, please call our office at 203-452-5046.

SECTION II

SITE PLAN REQUIREMENTS

1. Total property area: 241,238 SF Zone: AAA Number of Lots: 3 (proposed)
2. Map ID, from assessors card: C/04/0004
3. Total area existing of wetlands on property: No activity is proposed in the wetland area
4. Total area of Regulated area on property: No activity is proposed in the regulated area
5. Wetlands area to be disturbed: 0 SF
6. Upland Review area to be disturbed: 0 SF
7. Proposed % of wetlands on the property to be disturbed: 0 SF
8. Total area of proposed land disturbance: 0 SF
9. Is the proposed activity located within 500 feet of the boundary of Easton, Monroe, Shelton, Stratford, Bridgeport or Fairfield: Yes _____ No ✓ (If yes, see Section 8.2 of the Trumbull IWWC Regulations.)
10. Is any portion of the site located within a water company watershed: Yes _____ No X (If yes, see Section 8.3 of Trumbull Inland Wetlands & Watercourses Regulations.)
11. Existing property coverage type data:

	Percent of Regulated Area:	**Dominant Species:**
Trees:	No activity proposed	See attached report
Shrubs:	No activity proposed	See attached report
Grasses, weeds, etc:	No activity proposed	See attached report
Impervious area:	No activity proposed	See attached report

12. Existing watercourse data and open water characteristics: (if applicable)
    a. Size of pond(s) or lake(s): N/A
    b. Stream characteristics: intermittent or permanent: See attched report
    c.100 year flood evaluation: See attached report
13. Probable effect of proposal (if any) on vegetation and wildlife:
    None. There is no development proposed in connection with this application
14. Existing or proposed source(s) of water supply for the property: Private well
15. Existing or proposed method of sewage disposal for the property: Septic
16. Creation of proposed water bodies (if yes, detailed information will be required): Yes: _____ No: X
17. List proposed measures to protect regulated and inland wetland areas from:
    a. Erosion and sedimentation: No proposed development
18. Proposed percent of Regulated area to be covered with impermeable surface: 0%
19. Material to be (check all that applies): deposited ☐ excavated ☐ (if yes, complete the following):
    a. Area: N/A Volume: N/A
    b. Physical & Chemical composition of material to be deposited:
    N/A

Lisa S. Broder*
Broder@russorizio.com
Liam S. Burke
Liam@russorizio.com
Colin B. Connor
Colin@russorizio.com
William J. Fitzpatrick, III
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Amanda T. Heffernan
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DKurata@russorizio.com
Stanton H. Lesser+
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Victoria L. Miller♦
Victoria@russorizio.com
Anthony J. Novella*
Anovella@russorizio.com

Leah M. Parisi
Leah@russorizio.com
William M. Petroccio*
WPetro@russorizio.com
Raymond Rizio*
Ray@russorizio.com
Christopher B. Russo
Chris@russorizio.com
Robert D. Russo♦
Rob@russorizio.com
John J. Ryan+
John@russorizio.com
Jane Ford Shaw
Jane@russorizio.com
Vanessa R. Wambolt
Vanessa@russorizio.com

* *Also Admitted in NY*
♦ *Also Admitted in VT*
+ *Of Counsel*

RUSSO & RIZIO, LLC
ATTORNEYS AT LAW

10 Sasco Hill Road
Fairfield, CT 06824
Tel 203-254-7579 *or* 203-255-9928 Fax 203-576-6626

5 Brook St., Suite 2B
Darien, CT 06820
Tel 203-309-5500

299 Broadway, Suite 708
New York, NY 10007
Tel 646-357-3527

110 Merchants Row, Suite 3
Rutland, VT 05702
Tel 802-251-6556

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August 25, 2026

Tatiana Solovey
Inland Wetlands & Watercourses Commission
5866 Main Street
Trumbull, CT 06611

Re: Application for Subdivision – 21 Fuller Road, Trumbull, Connecticut

Dear Ms. Solovey:

Please accept, on behalf of my client, Mary Beth Simons (the "Applicant"), the following narrative and enclosed application materials as part of an application in accordance with Connecticut General Statutes Sec. 8-26(e) in connection with a subdivision application submitted to the Trumbull Planning and Zoning Commission (under the Trumbull Zoning Regulations (the "Regulations") for the property located at 21 Fuller Road (the "Site") to permit the subdivision of the Site into three (3) building lots in the AAA Zone (the "Application").

Narrative

The Applicant has requested that the Trumbull Planning and Zoning Commission approve a subdivision of the Site into three (3) conforming building lots. As seen on the submitted plans, the Applicant proposes to retain the existing single-family dwelling and site improvements on Lot 1, while creating the proposed Lot 2 and Lot 3 as a new building lot where a new single-family dwelling could be constructed. However, the Applicant is not seeking approval from the Inland Wetlands and Watercourses Commission or the Planning and Zoning Commission on any development at this time. In fact, the Application proposes no activity at all. The Application is simply for the approval of the subdivision.

The Site is located in the AAA Zone, which requires a minimum lot area of 1 acre (43,560 SF), and is located along Fuller Road with access to Blue Jay Drive at its rear. It contains 5.538 acres, which is 5.5x the minimum lot area required in the AAA Zone. The Site also has 566' of road frontage, which is well over 3x the required amount in the AAA Zone. Both of the two (2) proposed building lots are completely conforming to the

Regulations. Proposed Lot 1 is already developed and will feature a total lot area of 52,189 SF (1.119 Acres), leaving the existing dwelling fully conforming. Proposed Lot 2 is comprised of 61,209 SF and already contains an existing barn. Proposed Lot 3 is comprised of 115,383 SF of lot area, which still is more than 2.5x the minimum lot area requirement. Because of the tremendous size of the Site, each of the new building lots contain more than enough area to construct a single-family dwelling outside of the regulated area. The Applicant has submitted a conceptual plan depicting possible dwellings and their driveways, septic and drainage. All these improvements are easily located outside the regulated area. Even the area where the improvements are proposed is essentially cleared.

It is important to note, while the Site features a wetlands and watercourse on its eastern side, no subdivision road or improvements are needed in order to subdivide the Site. Therefore, no work is proposed that could impact the wetland, watercourse or its regulated area in connection with this Application. If the new building lots were proposed for construction of a dwelling, the necessary application would have to be filed at that time. The Applicant has submitted a conceptual plan of dwellings on each of the building lots demonstrating that a dwelling and site improvements can be constructed with a significant buffer to the wetlands and watercourse.

For the reasons stated above, the Applicant respectfully requests approval of the Subdivision described herein.

Sincerely,

Christopher Russo

STEVEN DANZER, PHD & ASSOCIATES LLC
Wetlands & Environmental Consulting
WWW.CTWETLANDSCONSULTING.COM
203 451-8319

WETLAND BOUNDARIES • POND & LAKE MANAGEMENT • CONSTRUCTION FEASIBILITY CONSULTATIONS • ENVIRONMENTAL STUDIES

Soil Report

Date: September 9, 2026
By: Steven Danzer Ph.D.

- Soil Scientist, Senior Professional Wetland Scientist, Arborist
  - Nationally certified by the Soil Science Society of America (353463).
  - Registered with the Society of Soil Scientists of Southern New England.
  - Certified PWS #1321 by the Society of Wetland Scientists
  - Certified Arborist by the International Society of Arboriculture (ISA) NE-7409A
  - CT Licensed Arborist DEEP S-5639
- Ph.D. in Renewable Natural Resource Studies.

Project: 21 Fuller Road, Trumbull, CT.

INTRODUCTION

A wetlands investigation was performed at the above-referenced property to locate and identify any inland wetland soils or watercourses.

The purpose of this report is to document that the field work for the site investigation was conducted using professionally accepted methods and procedures. This report is intended for submission by the owner(s) of the property or their designated agent to the local municipal regulatory agency.

DEFINITIONS

The Connecticut General Statutes Ch. 440 Sections 22a-36 and 22a-45 (as amended) define **inland wetlands** as land, including submerged land (except for tidal wetlands) which consist of any of the soil types designated by the National Cooperative Soil Survey as *poorly drained, very poorly drained, floodplain, or alluvial.*

Poorly drained and **very poorly drained** are soil drainage classes that are defined by specific technical criteria in the Soil Survey Manual, Ch. 3 of the USDA Natural Resources Conservation Service. Generally speaking, *poorly drained soils* are wet at shallow depths periodically during the growing season, or remain wet for long periods, while in *very poorly drained soils* water is removed from the soil so slowly that free water remains at or very near the ground surface during much of the growing season. **Floodplain** refers to the land bordering a stream or river that is subject to flood stage inundation, and **alluvial** refers to soil deposited by concentrated running water (Soil Survey Manual, Part 629). **Watercourses** are defined by the Connecticut General Statutes Ch. 440 Sections 22a-36 and 22a-45 (as amended) to include rivers, streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs and all other bodies of water, natural or artificial, vernal or intermittent, public or private. **Intermittent**

watercourses are a type of watercourse that typically do not flow year-round, and are specifically defined within the CT statutes by the presence of a defined permanent channel and bank, and the occurrence of two or more of the following characteristics:

a) Evidence of scour, or deposits of recent alluvium or detritus;
b) The presence of standing or flowing water for a duration longer than a particular storm incident;
c) The presence of hydrophytic vegetation.

Uplands are land areas that are not inland wetlands, watercourses, or subject to tides.

The **soil series** is a soil label that refers to the lowest category of the National Soil Classification System. It is used as a specification for identifying and classifying soils within a soil map unit. The descriptions are standardized by the USDA-NRCS, and contain soil properties that define and distinguish them from the other soil series.

METHODS

Wetland or watercourse boundaries present within the survey area were investigated pursuant to the definitions provided by the Connecticut General Statutes (CGS Ch. 440 Sections 22a-36 and 22a-45) as amended. All soils were sampled to a depth of at least 20 inches with spade and augur unless noted otherwise during a field investigation conducted on September 9, 2026. Soils were classified according to the nomenclature presented within the NRCS Web Soil Survey, with additional reference to the National Cooperative Soil Survey, and the local Soil Survey. The wetland boundaries were marked with flagging tape and/or stakes (Wetland Flags 1-25) and a sketch map prepared (attached).

SITE DESCRIPTION AND DISCUSSION

The roughly 1.2 acre site is located on the southern side of Fuller Road in Trumbull, CT. Land use is residential. The site is located within the DEEP Basin 7108-04 within the Mill River subregional watershed as per the DEEP map. Wetland resources on site included a shrubby and forested wetland corridor located within the far eastern region of the site.

WETLAND AND WATERCOURSE SOIL MAPPING UNITS

(3) Ridgebury, Leicester, and Whitman soils extremely stony

The Ridgebury series consists of very deep, somewhat poorly and poorly drained soils formed in till derived mainly from granite, gneiss and schist. They are commonly shallow to a densic contact. They are nearly level to gently sloping soils in low areas in uplands. Slope ranges from 0 to 15 percent. Saturated hydraulic conductivity ranges from moderately low to high in the solum and very low to moderately low in the substratum. Mean annual temperature is about 49 degrees F. and the mean annual precipitation is about 45 inches. TAXONOMIC CLASS: Loamy, mixed, active, acid, mesic, shallow Aeric Endoaquepts

The Leicester series consists of very deep, poorly drained loamy soils formed in friable till. They are nearly level or gently sloping soils in drainageways and low-lying positions on hills. Slope ranges from 0 to 8 percent. Permeability is moderate or moderately rapid in the surface layer and subsoil and moderate to rapid in the substratum. Mean annual temperature is about 50 degrees F., and mean annual precipitation is about 47 inches. TAXONOMIC CLASS: Coarse-loamy, mixed, active, acid, mesic Aeric Endoaquepts

The Whitman series consists of very deep, very poorly drained soils formed in lodgement till derived mainly from granite, gneiss, and schist. They are shallow to a densic contact. These soils are nearly level or gently sloping soils in depressions and drainageways on uplands. Saturated hydraulic conductivity is moderately high or high in the solum and very low through moderately high in the substratum. Mean annual precipitation is about 45 inches (1143 millimeters) and mean annual temperature is about 49 degrees F. (9 degrees C.). TAXONOMIC CLASS: Loamy, mixed, superactive, acid, mesic, shallow Typic Humaquepts

UPLAND (NON WETLAND) SOIL MAPPING UNITS

(45A) Woodbridge fine sandy loam, 0 to 3 percent slopes

The Woodbridge series consists of moderately well drained loamy soils formed in lodgment till. They are very deep to bedrock and moderately deep to a densic contact. They are nearly level to moderately steep soils on hills, drumlins, till plains, and ground moraines. Slope ranges from 0 to 25 percent. Saturated hydraulic conductivity ranges from moderately high to high in the surface layer and subsoil and low or moderately low in the dense substratum. Mean annual temperature is about 9 degrees C., and mean annual precipitation is about 1168 mm.
TAXONOMIC CLASS: Coarse-loamy, mixed, active, mesic Aquic Dystrudepts

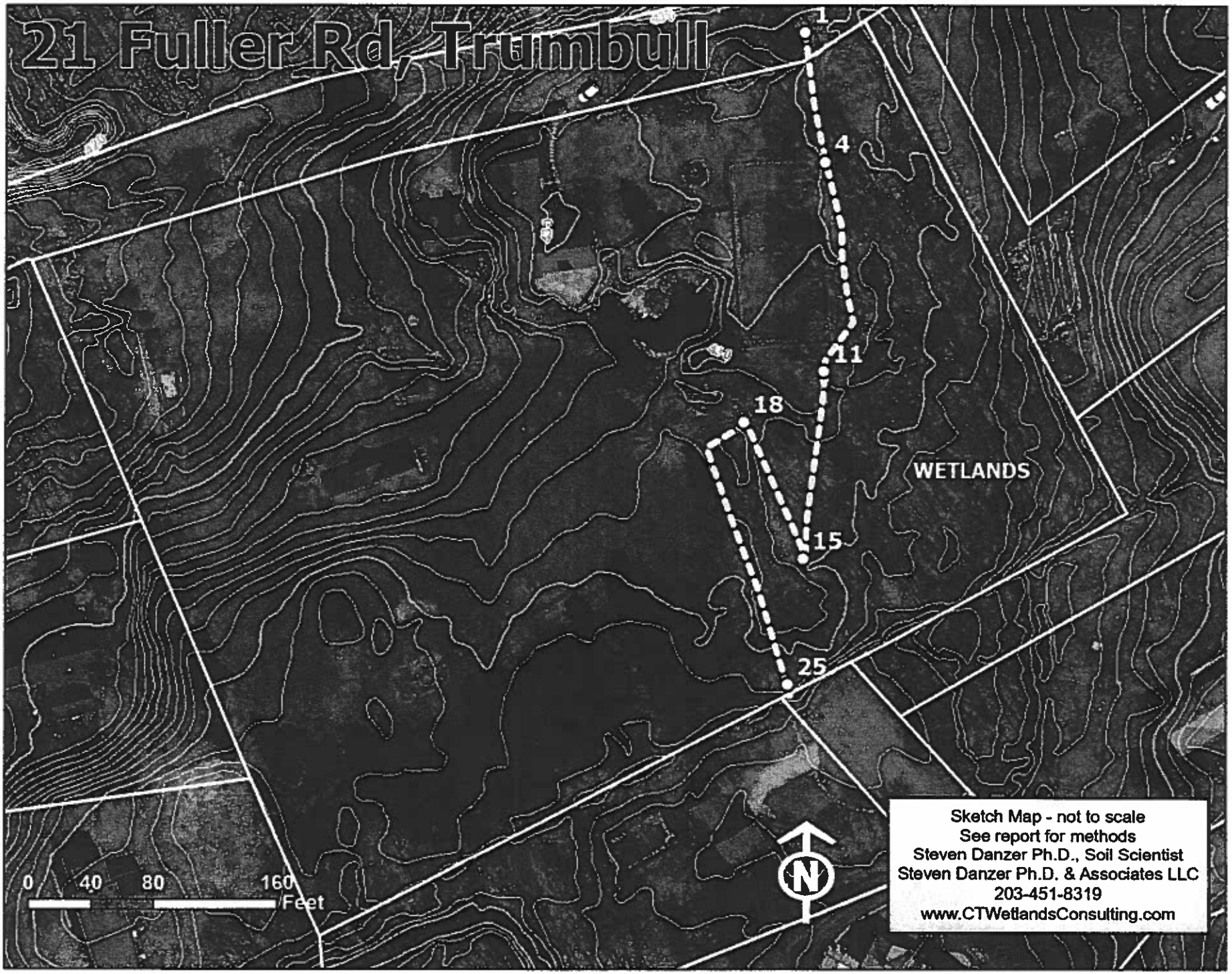
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LIMITATIONS
All observations and conclusions within this report are opinion and were based upon the field conditions at time of investigation and best professional judgment. Field conditions may change over time. All wetland boundary lines established by the undersigned Soil Scientist are subject to change until officially adopted by the appropriate local, state and federal regulatory agencies.

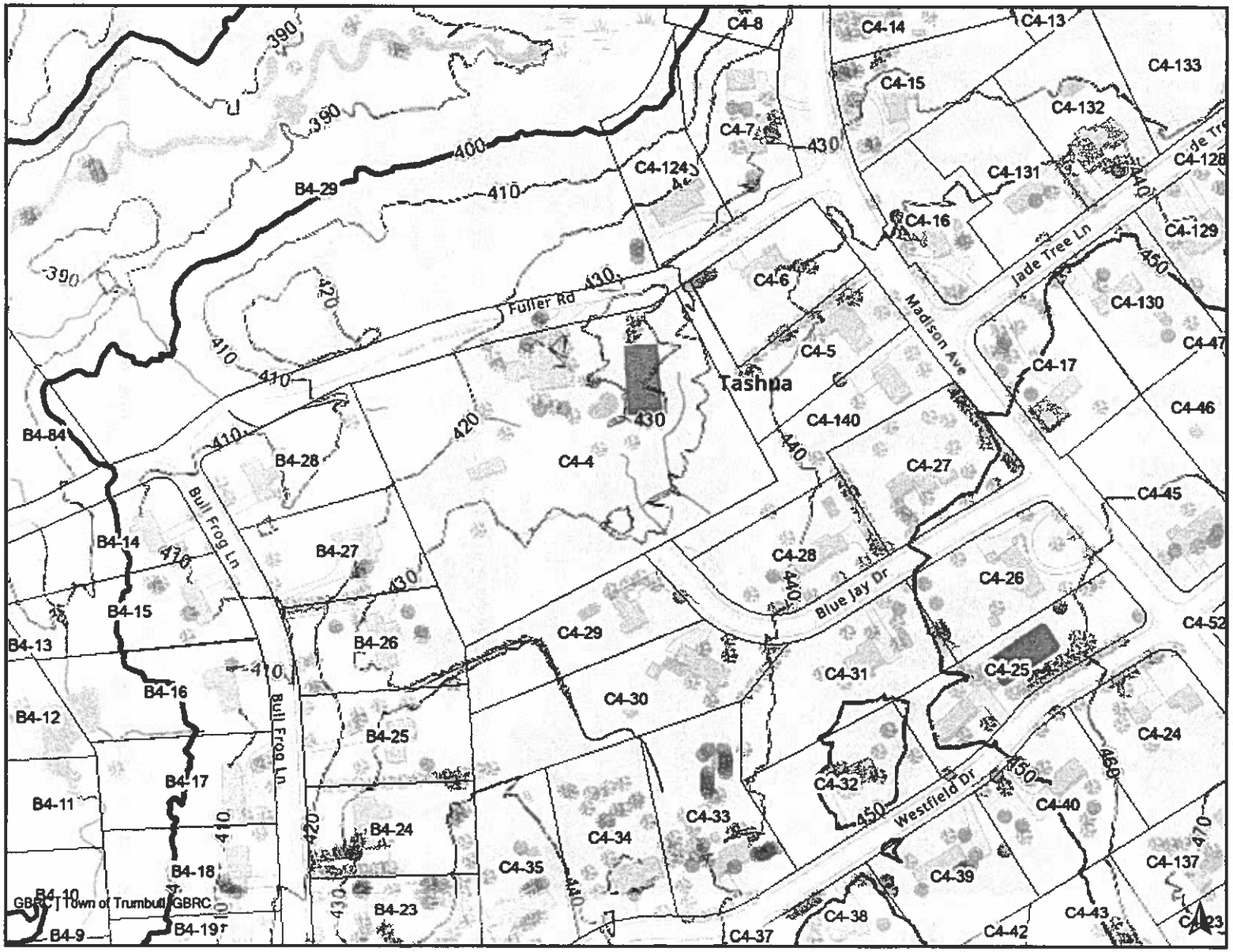
CERTIFICATION

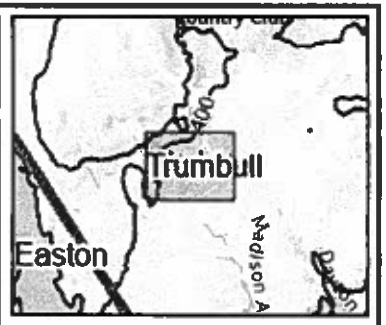
Signed,
Steven Danzer Ph.D., Certified Professional Soil Scientist (CPSS #353463)

CPSS
Certified Professional Soil Scientist


21 Fuller Rd, Trumbull
1
4
11
18
15
25
WETLANDS
0
40
80
160
Feet
N
Sketch Map - not to scale
See report for methods
Steven Danzer Ph.D., Soil Scientist
Steven Danzer Ph.D. & Associates LLC
203-451-8319
www.CTWetlandsConsulting.com

Map Title





Legend

Property Information

Parcels

Town Boundary

Contours

Contours

100 Foot

50 Foot

10 Foot

2 Foot

Notes

0 400 800 ft

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION