INLAND WETLANDS AND WATERCOURSES COMMISSION

Town of Trumbull

CONNECTICUT
www.trumbull-ct.gov

TOWN HALL
Trumbull

TELEPHONE
(203) 452-5005

AGENDA
JANUARY 6, 2026

TO: MEMBERS OF THE INLAND WETLANDS AND WATERCOURSES COMMISSION

RE: VIDOECONFERENCE MEETING – Tuesday, January 6, 2026

The Town of Trumbull Inland Wetlands and Watercourses Commission will hold a videoconference meeting on Tuesday, January 6, 2026 at 7:00 pm

https://us06web.zoom.us/j/81912116155?pwd=eSKO90hphnK3DFV4NBTF1piassSMT1.1
Webinar ID: 819 1211 6155
Password: 011344
Join by telephone: (929) 205-6099 / Webinar ID: 819 1211 6155

NEW BUSINESS

Application 25-42	Town of Trumbull	Permit approval to construct a new middle school and demolition of existing school; including parking, landscaping, playing fields, site lighting, stormwater management and utility improvements within a regulated area at 530 Daniels Farm Road.
Application 25-43	Aris W. Stalis	Permit approval for restoration & reconstruction of existing residence; landscaping, replacing driveway & front walk and installation of stormwater retention system within a regulated area at 201 Old Dike Road.

OLD BUSINESS

Application 25-31	Henry Pan	Permit approval for change of grade, plantings and removal of debris within a regulated area at 207 Tashua Road. Applicant has requested a Continuance, via email, to February meeting. Commission to Vote to Continue.

Application 25-35	IMAG LLC Anatoliy Gurevich	Permit approval for additional 24 paved parking spaces within a regulated area at 101 Merritt Boulevard.
Application 25-38	John Sanzo	Permit approval for additions to the front and rear of house, install a rainwater system and stone walls and remove 2 trees within a regulated area at 121 Pinewood Trail.

OLD BUSINESS-CONTINUATION OF PUBLIC HEARINGS

Application 25-10	Emilia Ferri	Permit approval to legalize existing improvements for retaining wall location, topographic contour changes, proposed underground infiltration system location and new rear deck within a regulated area at 6 Sycamore Street. Modification of Application 21-07. CONTINUED-pending completed tests & reports
Application 25-11	Emilia Ferri	Permit approval to legalize proposed retaining wall location, relocate scour hole location and encroachment of limit of disturbance within a regulated area at Lot 321 Sycamore Street. CONTINUED-pending completed tests & reports

MINUTES

Approve meeting minutes – December 2, 2026 AND December 4, 2026

SCHEDULE FIELD INSPECTION(S)

INLAND WETLANDS AND WATERCOURSES
COMMISSION
TOWN OF TRUMBULL

APPLICATION FOR PERMIT

SECTION I

Application No.
REC'D 12/23/2025
25-42

1. Location/address of property where activity is proposed: 530 Daniels Farm Road

   Parcel Size 87.75 AC Zone: AA Map ID: G/06/00058/000 Current Use: Public School

2. Applicant's Name: Town of Trumbull

   Applicant's Address: 5866 Main St, Trumbull, CT 06611

   Telephone: 203-452-5007 Cell: ( ) N/A Email: firstselectman@trumbull-ct.gov

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

3. Name of Property Owner of Record: Town of Trumbull

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

   Address of Owner of Record: 5866 Main St, Trumbull, CT 06611

   Telephone: 203-452-5007 Cell: ( ) N/A Email: firstselectman@trumbull-ct.gov

   If Applicant is the Owner, go to #5

4. The undersigned hereby authorizes TSKP Langan 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 project site is the existing middle school and fields to the south of the school. The proposed project includes the phased construction of a new middle school and subsequent demolition of the existing school. Also included are site parking, landscaping, new playing fields, site lighting, stormwater management, and utility improvements to support the project. Minor grading activities are proposed within the 100' upland review area, with the majority of those in previously disturbed areas (approximately 1,900 sq. ft. of disturbances are proposed to occur within existing wooded areas. New stormwater infrastructure is proposed to improve both the quantity and quality of stormwater which discharges towards the wetland areas.

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: 12/20/2025
(If not the Owner)

Owner's Signature: _____ Date: _____

SECTION II

SITE PLAN REQUIREMENTS

1. Total property area: 87.75 AC Zone: AA Number of Lots: 1
2. Map ID, from assessors card: G/06/00058/000
3. Total area existing of wetlands on property: +/- 86,500 SF (wetland 1, southwest of existing school)
4. Total area of Regulated area on property: +/- 226,000 SF (wetland 1, southwest of existing school)
5. Wetlands area to be disturbed: 0 SF
6. Upland Review area to be disturbed: +/- 15,500 SF (total including previously disturbed areas), +/- 1,900 SF (proposed disturbance in wooded areas)
7. Proposed % of wetlands on the property to be disturbed: 0%
8. Total area of proposed land disturbance: +/- 20.5 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:	+/- 92%	Please see attached wetlands report
Shrubs:	0%	Please see attached wetlands report
Grasses, weeds, etc:	+/- 8%	Please see attached wetlands report
Impervious area:	0%	Please see attached wetlands 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: intermittent, please see attached wetlands report
    c.100 year flood evaluation: N/A
13. Probable effect of proposal (if any) on vegetation and wildlife: N/A
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: double barrier protection upstream of all regulated areas, please see erosion control plans
18. Proposed percent of Regulated area to be covered with impermeable surface: less than 1%
19. Material to be (check all that applies): deposited ☒ excavated ☐ (if yes, complete the following)
    a. Area: +/- 8 AC Volume: +/- 16,000 cubic yards
    b. Physical & Chemical composition of material to be deposited: clean fill

HILLCREST MIDDLE SCHOOL
PLANNING AND ZONING APPLICATION
530 DANIELS FARM ROAD, TRUMBULL, CONNECTICUT

LOCATION MAP
1" = 500'

DRAWING LIST

NUMBER	TITLE	DATE	REVISED
-	COVER SHEET	12/12/2025	
VB101	PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY	7/11/2025	
VB102	PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY	7/11/2025	
VB103	PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY	7/11/2025	
VB104	PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY	7/11/2025	
CS100	OVERALL SITE PLAN	12/12/2025	
CS101	SITE PLAN I	12/12/2025	
CS102	SITE PLAN II	12/12/2025	
CS201	SITE PLAN I - ALTERNATES	12/12/2025	
CS501	SITE DETAILS I	12/12/2025	
CS502	SITE DETAILS II	12/12/2025	
CS503	SITE DETAILS III	12/12/2025	
CS504	SITE DETAILS IV	12/12/2025	
CG100	OVERALL GRADING AND DRAINAGE PLAN	12/12/2025	
CG101	GRADING AND DRAINAGE PLAN I	12/12/2025	
CG102	GRADING AND DRAINAGE PLAN II	12/12/2025	
CG201	GRADING AND DRAINAGE PLAN I - ALTERNATE	12/12/2025	
CG501	GRADING AND DRAINAGE DETAILS I	12/12/2025	
CG502	GRADING AND DRAINAGE DETAILS II	12/12/2025	
CU100	OVERALL UTILITY PLAN	12/12/2025	
CU101	UTILITY PLAN I	12/12/2025	
CU102	UTILITY PLAN II	12/12/2025	
CU501	UTILITY DETAILS	12/12/2025	
CE100	PHASE I OVERALL SOIL EROSION & SEDIMENT CONTROL PLAN	12/12/2025	
CE101	PHASE I SOIL EROSION & SEDIMENT CONTROL PLAN I	12/12/2025	
CE102	PHASE I SOIL EROSION & SEDIMENT CONTROL PLAN II	12/12/2025	
CE200	PHASE II OVERALL SOIL EROSION & SEDIMENT CONTROL PLAN	12/12/2025	
CE201	PHASE II SOIL EROSION & SEDIMENT CONTROL PLAN I	12/12/2025	
CE202	PHASE II SOIL EROSION & SEDIMENT CONTROL PLAN II	12/12/2025	
CE501	SOIL EROSION & SEDIMENT CONTROL DETAILS	12/12/2025	
LP100	OVERALL PLANTING PLAN	12/12/2025	
LP101	PLANTING PLAN I	12/12/2025	
LP102	PLANTING PLAN II	12/12/2025	
LP201	PLANTING PLAN I - ALTERNATES	12/12/2025	
A0.05	PHASING PLANS	08/15/2025	

SURVEYOR, CIVIL ENGINEER, GEOTECHNICAL ENGINEER, ENVIRONMENTAL ENGINEER LANDSCAPE ARCHITECT, & TRAFFIC ENGINEER

LANGAN CT, INC.
555 LONG WHARF DRIVE
NEW HAVEN, CONNECTICUT 06511
(203)562-5771

OWNER/APPLICANT

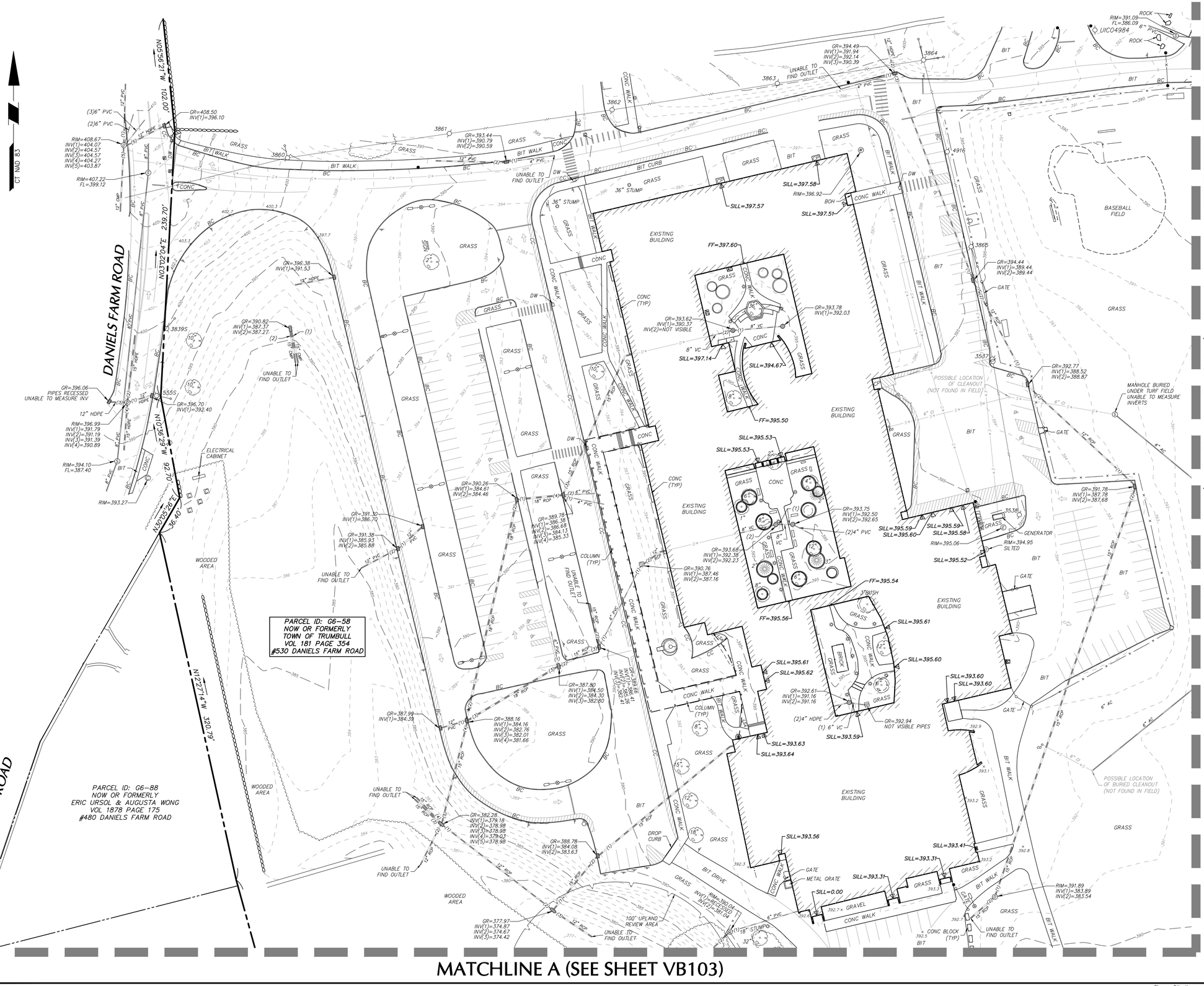
TOWN OF TRUMBULL
5866 MAIN STREET
TRUMBULL, CT 06611
(203)452-5000

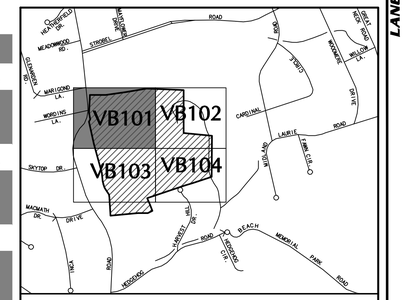
ARCHITECT

TSKP STUDIO
146 WYLLYS STREET
HARTFORD, CT 06106
(860)547-1970

RELEASE DATES	
DATE	ISSUED FOR
12/22/25	IWWC SUBMISSION

LANGAN





PROJECT LOCATION MAP
SCALE: 1"=1000'
SOURCE: CONNECTICUT DEPARTMENT OF TRANSPORTATION

SCALE: 1 INCH = 40 FEET

STATE OF CONNECTICUT
ANDREW G. IVES
NO. 70286
LICENSED LAND SURVEYOR

Date	Description	No.
REVISIONS		

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

ANDREW G. IVES DATE SIGNED
PROFESSIONAL LAND SURVEYOR
CT STATE LIC. NO. 70286

LANGAN
Langan CT, Inc.
555 Long Wharf Drive, 9th Floor
New Haven, CT 06511
T: 203.562.5771 F: 203.789.6142 www.langan.com

Project
HILLCREST MIDDLE SCHOOL
#530 DANIELS FARM ROAD
TRUMBULL CONNECTICUT

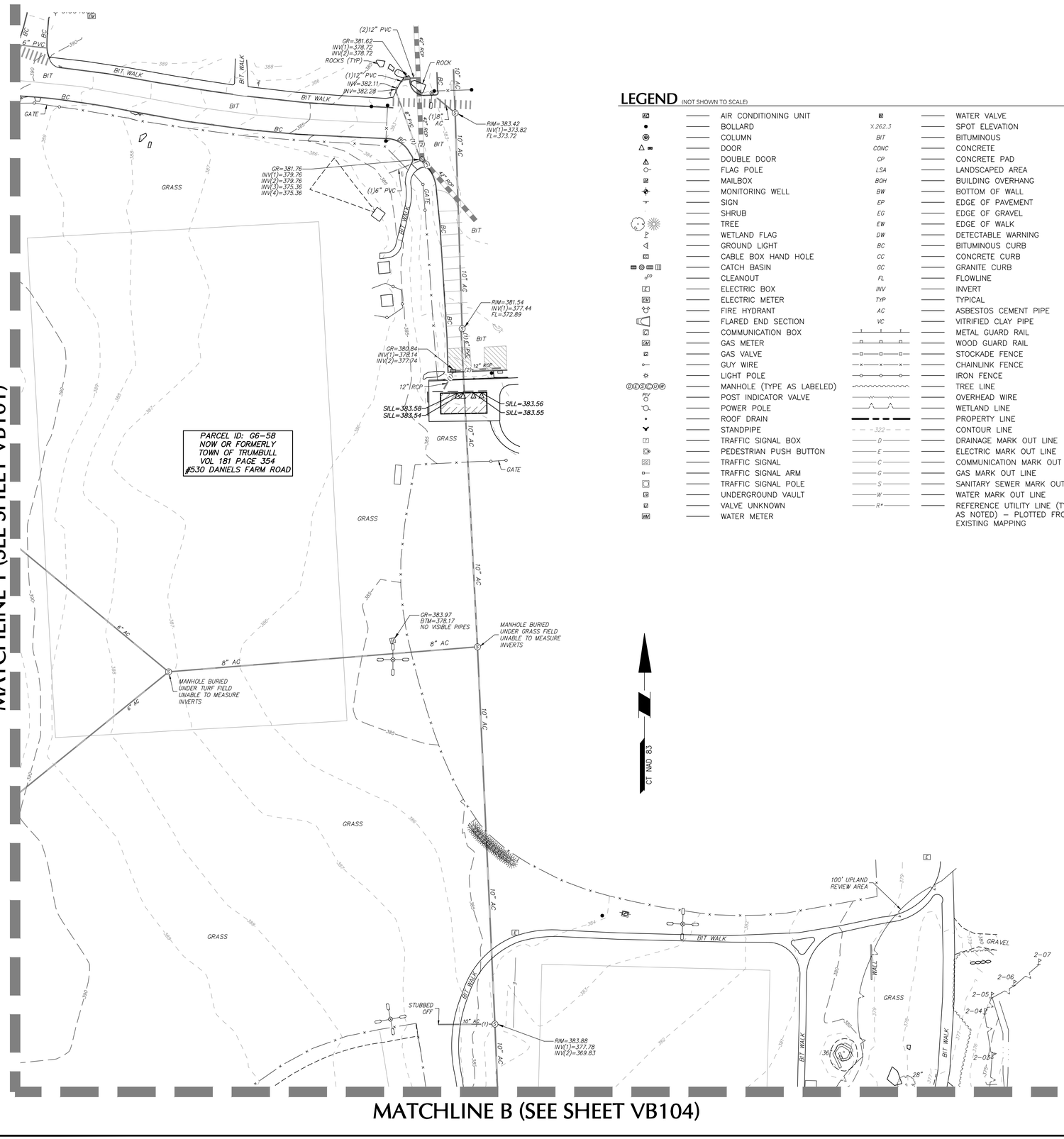
Drawing Title
PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY

Project No.	Drawing No.
140325901	VB101
Date: JULY 11, 2025	
Drawn By: JJS	
Checked By: AGI	Sheet 1 of 4

PROJECT NO. 140325901

©2025 Langan

Filename: C:\bms\langan-pw-01\d07746741\40325901-V-EX0101.dwg Date: 7/14/2025 Time: 12:15 User: jstublic Style Table: Langan.stb Layout: VB101

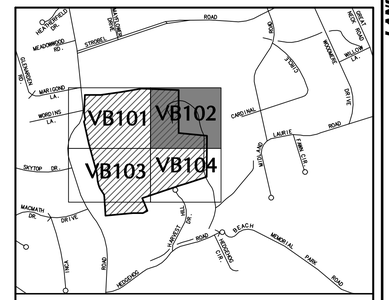


LEGEND (NOT SHOWN TO SCALE)

AIR CONDITIONING UNIT		WATER VALVE	
BOLLARD	X 262.3	SPOT ELEVATION	
COLUMN	BIT	BITUMINOUS	
DOOR	CONC	CONCRETE	
DOUBLE DOOR	CP	CONCRETE PAD	
FLAG POLE	LSA	LANDSCAPED AREA	
MAILBOX	BOH	BUILDING OVERHANG	
MONITORING WELL	BW	BOTTOM OF WALL	
SIGN	EP	EDGE OF PAVEMENT	
SHRUB	EG	EDGE OF GRAVEL	
TREE	EW	EDGE OF WALK	
WETLAND FLAG	DW	DETECTABLE WARNING	
GROUND LIGHT	BC	BITUMINOUS CURB	
CABLE BOX HAND HOLE	CC	CONCRETE CURB	
CATCH BASIN	GC	GRANITE CURB	
CLEANOUT	FL	FLOWLINE	
ELECTRIC BOX	INV	INVERT	
ELECTRIC METER	TYP	TYPICAL	
FIRE HYDRANT	AC	ASBESTOS CEMENT PIPE	
FLARED END SECTION	VC	VITRIFIED CLAY PIPE	
COMMUNICATION BOX		METAL GUARD RAIL	
GAS METER		WOOD GUARD RAIL	
GAS VALVE		STOCKADE FENCE	
GUY WIRE		CHAINLINK FENCE	
LIGHT POLE		IRON FENCE	
MANHOLE (TYPE AS LABELED)		TREE LINE	
POST INDICATOR VALVE		OVERHEAD WIRE	
POWER POLE		WETLAND LINE	
ROOF DRAIN		PROPERTY LINE	
STANDPIPE	322	CONTOUR LINE	
TRAFFIC SIGNAL BOX	D	DRAINAGE MARK OUT LINE	
PEDESTRIAN PUSH BUTTON	E	ELECTRIC MARK OUT LINE	
TRAFFIC SIGNAL	C	COMMUNICATION MARK OUT LINE	
TRAFFIC SIGNAL ARM	G	GAS MARK OUT LINE	
TRAFFIC SIGNAL POLE	S	SANITARY SEWER MARK OUT LINE	
UNDERGROUND VAULT	W	WATER MARK OUT LINE	
VALVE UNKNOWN	R*	REFERENCE UTILITY LINE (TYPE AS NOTED) – PLOTTED FROM EXISTING MAPPING	
WATER METER			

NOTES

1. THIS SURVEY 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.
   a. THIS SURVEY IS A PROPERTY SURVEY CONFORMING TO A HORIZONTAL ACCURACY OF A-2 AND A TOPOGRAPHIC SURVEY CONFORMING TO A T-2 ACCURACY. THE BOUNDARY DETERMINATION IS A RESURVEY. THE PURPOSE OF THIS SURVEY IS TO PROVIDE A BOUNDARY OPINION AND DEPICT SITE FEATURES FOR FUTURE SITE DEVELOPMENT.
2. THIS SURVEY IS BASED UPON EXISTING PHYSICAL CONDITIONS FOUND AT THE SUBJECT SITE, DEED INFORMATION AND THE FOLLOWING REFERENCES:
   A. MAP TITLED "MAP OF PROPERTIES IN TRUMBULL, CONN. OF HELEN J. MARSILIUS, NEWMAN M., JR. & MARIE K. MARSILIUS AND MARJORIE MARSILIUS POWERS.", SCALE: 1"=40', DATED: DEC. 19, 1953, LAST REVISED: MAR. 28, 1949, MAP #553
   B. MAP TITLED "MAP OF LOTS IN TRUMBULL, CONN. FOR EUGENE & EMMA KOTTSIEPER, SCALE: 1"=50', DATED: JUNE 30, 1958, MAP #920
   C. MAP TITLED "MAP OF PROPERTY FOR THE ESTATE OF STEPHEN TOMEK SR. ET. AL. TRUMBULL, CONN.", SCALE: 1"=100', SEPT 5, 1962, SHEET 1 & 2 OF 2, BY: RICHARD J. DREW, MAP #1137 & 1138
   D. MAP TITLED "MAP OF SUBDIVISION OF PROPERTY IN TRUMBULL, CONN. PREPARED FOR: ROBERT SIMNA", SCALE: 1"=40', DATED: JAN. 4, 1972, BY: FULLER & CO., MAP #1672
   E. MAP TITLED "PROPOSED RESUBDIVISION OF LAN IN TRUMBULL, CONN FOR NEWMAN M. MARSILIUS & MARIE K. MARSILIUS, SCALE: 1"=40', DATED: DEC. 4, 1972, BY: CHARLES J. HEIMANN II, MAP #1726
   F. MAP TITLED "SUBDIVISION OF PARCEL "C" PREPARED FOR HELEN J. MARSILIUS AND MARJORIE MARSILIUS POWERS TRUMBULL, CONN.", SCALE: 1"=40', DATED: FEB. 4, 1974, LAST REVISED: FEB. 27, 1975, BY: MONTEL ASSOCIATES, MAP #1829
   G. MAP TITLED "PROPOSED RESUBDIVISION OF LAND PREPARED FOR JENNIE ANDRUSCHKEVICH 358 & 336 DANIELS FARM ROAD TRUMBULL, CONNECTICUT", SCALE: 1"=40', DATED: SEPT. 2, 1988, LAST REVISED: 2-9-89, BY: MICHAEL BUTURLA, MAP #2539
3. THE MERIDIAN OF THIS SURVEY IS REFERENCED TO CONNECTICUT STATE PLANE COORDINATE SYSTEM NAD 83 (EPOCH 2011). POSITION WAS DETERMINED BY GLOBAL NAVIGATION SATELLITE SYSTEMS (GNSS) AS PROVIDED BY HXGN SMARTNET CONTINUOUSLY OPERATED REFERENCE STATIONS (CORS).
4. ELEVATIONS SHOWN ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) (GEOID 12B) AS DETERMINED BY GNSS
5. PLANIMETRIC AND TOPOGRAPHIC INFORMATION SHOWN HEREON HAS BEEN OBTAINED FROM GROUND SURVEYS BY LANGAN CT, INC. FIELD WORK COMPLETED DURING THE MONTH OF JUNE 2025.
6. AS PER THE NATIONAL FLOOD INSURANCE PROGRAM FIRM MAP ENTITLED "FAIRFIELD COUNTY, CONNECTICUT PANEL 289 OF 626, MAP NUMBER 09001C0289F, EFFECTIVE DATE: JUNE 18, 2010" THE PROJECT AREA IS IN ZONE X (UNSHADED).
7. UNLESS SPECIFICALLY NOTED HEREON, STORM AND SANITARY SEWER INFORMATION (INCLUDING PIPE INVERT, PIPE MATERIAL, AND PIPE SIZE) WAS OBSERVED AND MEASURED AT FIELD LOCATED STRUCTURES (MANHOLES/CATCH BASINS, ETC). CONDITIONS CAN VARY FROM THOSE ENCOUNTERED AT THE TIMES WHEN AND LOCATIONS WHERE DATA IS OBTAINED. DESPITE MEETING THE REQUIRED STANDARD OF CARE, THE SURVEYOR CANNOT, AND DOES NOT WARRANT THAT PIPE MATERIAL AND/OR PIPE SIZE THROUGHOUT THE PIPE RUN ARE THE SAME AS THOSE OBSERVED AT EACH STRUCTURE, OR THAT THE PIPE RUN IS STRAIGHT BETWEEN THE LOCATED STRUCTURES.
8. ADDITIONAL UTILITY (WATER, GAS, ELECTRIC ETC.) DATA MAY BE SHOWN FROM FIELD LOCATED SURFACE MARKINGS (BY OTHERS), EXISTING STRUCTURES, AND/OR FROM EXISTING DRAWINGS.
9. UNLESS SPECIFICALLY NOTED HEREON, THE SURVEYOR HAS NOT EXCAVATED TO PHYSICALLY LOCATE THE UNDERGROUND UTILITIES. THE SURVEYOR MAKES NO GUARANTEES THAT THE SHOWN UNDERGROUND UTILITIES ARE EITHER IN SERVICE, ABANDONED OR SUITABLE FOR USE, NOR ARE IN THE EXACT LOCATION OR CONFIGURATION INDICATED HEREON.
10. ALL BUILDINGS AND STRUCTURES WERE LOCATED AND MEASURED AT GROUND LEVEL. THE SURVEYOR MAKES NO DETERMINATIONS OR GUARANTEES AS TO THE ABSENCE, EXISTENCE OR LOCATION OF UNDERGROUND STRUCTURES, FOUNDATIONS, FOOTINGS, PROJECTIONS, WALLS, TANKS, SEPTIC SYSTEMS, ETC. NO TEST PITS, EXCAVATIONS OR GROUND PENETRATING RADAR WERE PERFORMED AS PART OF THIS SURVEY.
11. PRIOR TO ANY DESIGN OR CONSTRUCTION, THE PROPER UTILITY AGENCIES MUST BE CONTACTED FOR VERIFICATION OF UTILITY TYPE AND FOR FIELD LOCATIONS.
12. THIS SURVEY IS NOT VALID WITHOUT THE EMBOSSED OR INKED SEAL OF THE PROFESSIONAL.



PROJECT LOCATION MAP

SCALE: 1"=1000'

SOURCE:
CONNECTICUT DEPARTMENT OF TRANSPORTATION

40 0 10 25 40

SCALE: 1 INCH = 40 FEET

STATE OF CONNECTICUT
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LAND SURVEYOR

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CT STATE LIC. NO. 70286

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Project
HILLCREST MIDDLE SCHOOL
#530 DANIELS FARM ROAD
TRUMBULL CONNECTICUT

Drawing Title
PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY

Project No.	Drawing No.
140325901	VB102
Date: JULY 11, 2025	
Drawn By: JJS	
Checked By: AGI	Sheet 2 of 4

PROJECT NO. 140325901

LANGAN

Filename: C:\bms\langan-pw-01\d0774674\140325901-V-EX0101.dwg Date: 7/14/2025 Time: 12:16 User: jstublic Style Table: Langan.stb Layout: VB102

MATCHLINE A (SEE SHEET VB101)

PARCEL ID: G6-48
NOW OR FORMERLY
BRANDON LEE & AMANDA LEE
VOL 1927 PAGE 410
#474 DANIELS FARM ROAD

PARCEL ID: G6-49
NOW OR FORMERLY
DALE BARCHAM & STEWART BARCHAM
VOL 1414 PAGE 299
#472 DANIELS FARM ROAD

PARCEL ID: G7-51
NOW OR FORMERLY
ELIZABETH GENEL & MARK NYMAN
VOL 1896 PAGE 476
#470 DANIELS FARM ROAD

PARCEL ID: G7-50
NOW OR FORMERLY
JOHN F. SZWED & MARILYN S. SZWED
VOL 869 PAGE 205
#400 DANIELS FARM ROAD

PARCEL ID: G6-58
NOW OR FORMERLY
TOWN OF TRUMBULL
VOL 181 PAGE 354
#530 DANIELS FARM ROAD

PARCEL ID: G7-70
NOW OR FORMERLY
DAVID CHRISTOPHER WYANT
& COREEN EISLER
VOL 1749 PAGE 654
#39 HARVEST HILL DRIVE

DANIELS FARM ROAD

N15°24'14"W 217.64'
N15°24'14"W 200.00'
N05°45'24"W 117.89'
N14°05'14"W 46.76'
N17°39'34"W 27.00'
N29°57'14"W 44.00'
N33°50'04"W 91.00'
N08°12'24"W 40.71'
N02°24'44"W 63.00'
86.99' S82°15'06"W
S27°04'20"E 92.66'

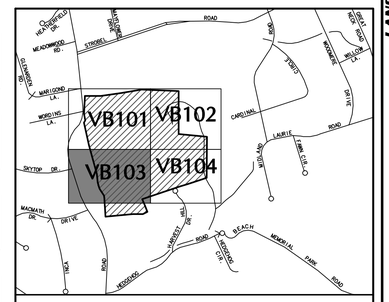
IRON PIPE FOUND (HELD)

UNABLE TO FIND OUTLET
24" RCP INV=372.79 INV=372.80
36" HDPE
INV=371.73
INV=372.80 INV=374.09
INV=380.54
INV NOT FOUND POSSIBLY BURIED
SILL=378.05
SILL=378.07
SILL=378.17
EXISTING BUILDING
CONEX BOX
CONC BLOCK WALL
BENCH
GRAVEL
BIT
BIT WALK
GRASS
WOODED AREA
100' UPLAND REVIEW AREA

1A-01 1A-02 1A-03 1A-04 1A-05 1A-06 1A-07 1A-08 1A-09 1A-10 1A-11 1A-12 1A-13 1A-14 1A-15 1A-16 1A-17 1A-18
1-01 1-02 1-03 1-04 1-05 1-06 1-07 1-08 1-09 1-10 1-11 1-12 1-13 1-14 1-15 1-16 1-17 1-18 1-19 1-20 1-21 1-22 1-23 1-24 1-25

CT NAD 83

MATCHLINE 2 (SEE SHEET VB104)



PROJECT LOCATION MAP

SCALE: 1"=1000'

SOURCE:
CONNECTICUT DEPARTMENT OF TRANSPORTATION

40 0 10 25 40
SCALE: 1 INCH = 40 FEET

STATE OF CONNECTICUT
ANDREW G. IVES
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Date	Description	No.
REVISIONS		

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Project
HILLCREST MIDDLE SCHOOL
#530 DANIELS FARM ROAD
TRUMBULL CONNECTICUT

Drawing Title
PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY

Project No.	Drawing No.
140325901	VB103
Date: JULY 11, 2025	
Drawn By: JJS	
Checked By: AGI	

Sheet 3 of 4

LANGAN
PROJECT NO. 140325901

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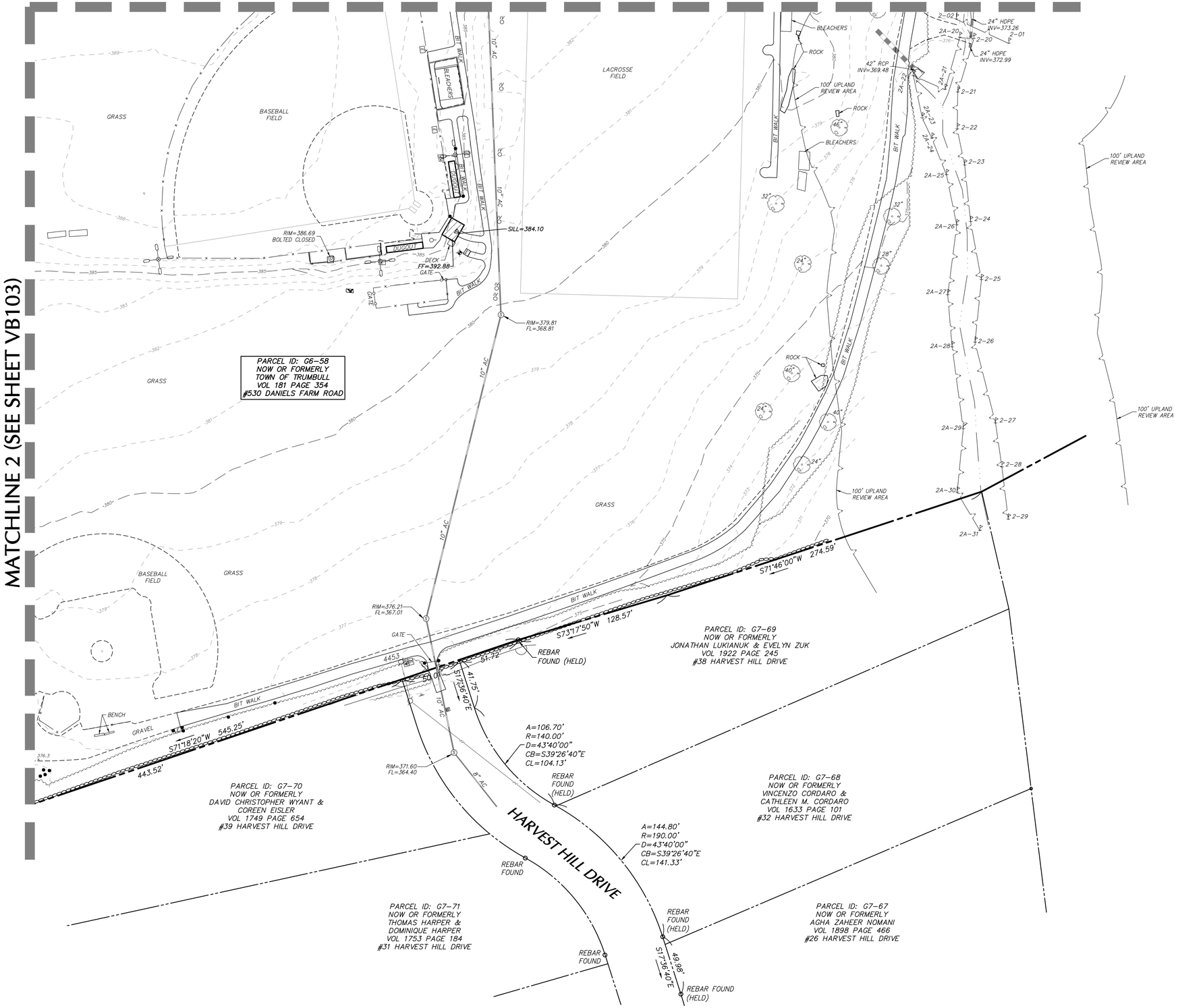
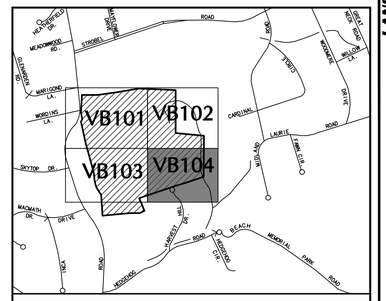
Filename: C:\bms\langan-pw-01\d0774674\140325901-V-EX0101.dwg Date: 7/14/2025 Time: 12:16 User: jstublic Style Table: Langan.stb Layout: VB103

MATCHLINE B (SEE SHEET VB102)

MATCHLINE 2 (SEE SHEET VB103)





PROJECT LOCATION MAP

SCALE: 1"=1000'

SOURCE:
CONNECTICUT DEPARTMENT OF TRANSPORTATION

CT NAD 83

40 0 10 25 40

SCALE: 1 INCH = 40 FEET

STATE OF CONNECTICUT
ANDREW G. IVES
NO. 70286
LICENSED
LAND SURVEYOR

Date	Description	No.

REVISIONS

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

ANDREW G. IVES DATE SIGNED
PROFESSIONAL LAND SURVEYOR
CT STATE LIC. NO. 70286

LANGAN

Langan CT, Inc.
555 Long Wharf Drive, 9th Floor
New Haven, CT 06511

T: 203.562.5771 F: 203.789.6142 www.langan.com

Project
HILLCREST MIDDLE SCHOOL
#530 DANIELS FARM ROAD
TRUMBULL CONNECTICUT

Drawing Title
PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY

Project No.	Drawing No.
140325901	VB104
Date: JULY 11, 2025	
Drawn By: JJS	
Checked By: AGI	Sheet 4 of 4

PROJECT NO. 140325901

LANGAN

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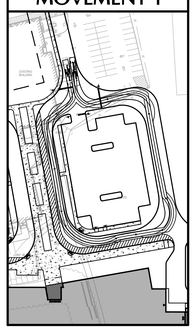
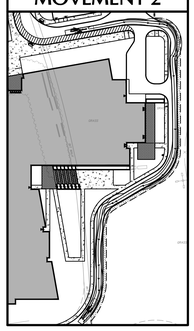
Filename: C:\bms\langan-pw-01\d0774674\140325901-V-EX0101.dwg Date: 7/14/2025 Time: 12:17 User: jstublic Style Table: Langan.stb Layout: VB104

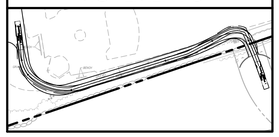
FIRE TRUCK TURNING MOVEMENT 1



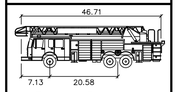
FIRE TRUCK TURNING MOVEMENT 2



FIRE TRUCK TURNING MOVEMENT 3



FIRE TRUCK PROFILE

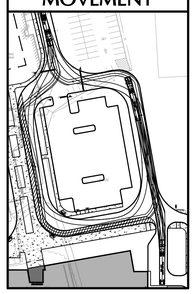


Trumbull Firetruck 1

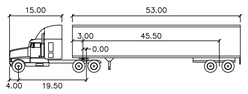
	feet
Width	: 8.50
Track	: 8.00
Lock to Lock Time	: 6.0
Steering Angle	: 40.0

100 0 50 100
SCALE IN FEET

WB-67 TURNING MOVEMENT



WB-67 PROFILE

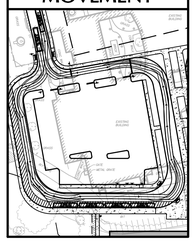


WB-67

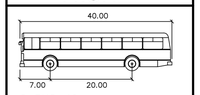
	feet		
Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.50	Steering Angle	: 28.4
Tractor Track	: 8.00	Articulating Angle	: 75.0
Trailer Track	: 8.50		

100 0 50 100
SCALE IN FEET

SCHOOL BUS TURNING MOVEMENT



SCHOOL BUS PROFILE



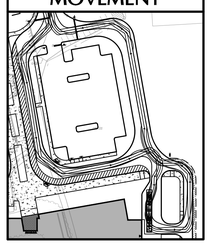
S-BUS-40

feet

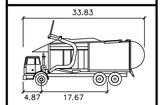
Width	: 8.00
Track	: 8.00
Lock to Lock Time	: 6.0
Steering Angle	: 34.4

100 0 50 100
SCALE IN FEET

GARBAGE TRUCK TURNING MOVEMENT



GARBAGE TRUCK PROFILE

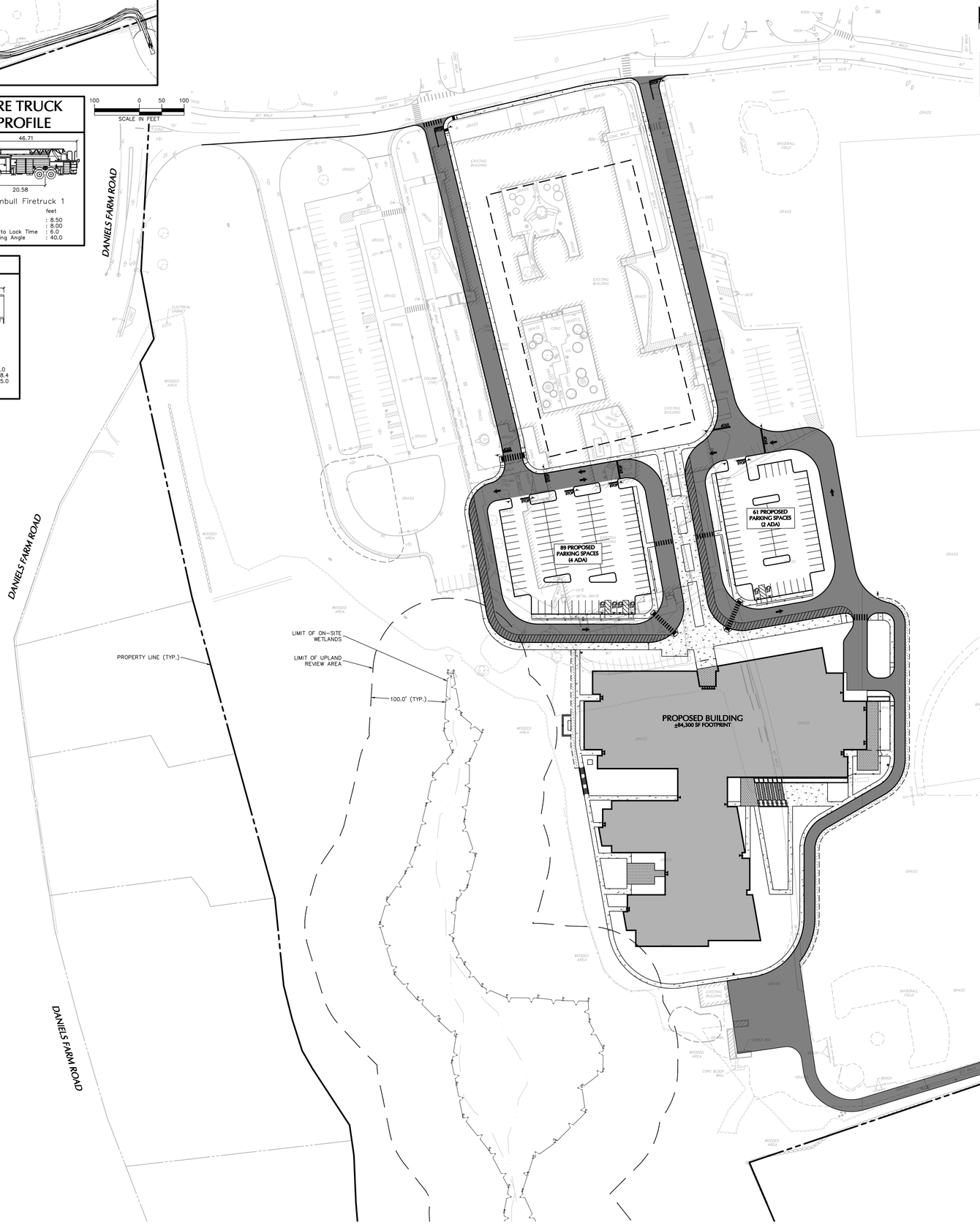


Wayne Titan

	feet
Width	: 8.46
Track	: 8.00
Lock to Lock Time	: 6.0
Steering Angle	: 45.0

100 0 50 100
SCALE IN FEET

100 0 50 100
SCALE IN FEET



60 0 20 40 60
SCALE IN FEET

LEGEND

	EXISTING	PROPOSED
PROPERTY LINE		
BUILDING LINE		
WETLAND BOUNDARY		
UPLAND REVIEW AREA		
BUILDING DOOR		
CURB LINE		
PAVEMENT MARKINGS		
CONCRETE		
SITE SIGN		
HEAVY DUTY PAVEMENT		
REINFORCED TURF		

GENERAL NOTES

1. BOUNDARY AND TOPOGRAPHIC INFORMATION OBTAINED FROM PLANS TITLED "PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY" PREPARED BY LANGAN, DATED JULY 11, 2025.
2. PROPOSED BUILDING FOOTPRINT RECEIVED ELECTRONICALLY FROM TSKP IN OCTOBER 2025.
3. THE SITE IS LOCATED WITHIN ZONE X OF FEMA FIRM MAP 09001C0289F, EFFECTIVE JUNE 18, 2010. ZONE X IS AN AREA OF MINIMAL FLOOD HAZARD WITH NO BASE FLOOD ELEVATIONS.

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860.547.1970

ARCHITECTURE | PLANNING | INTERIORS

STATE OF CONNECTICUT
CHRISTOPHER T. GODLEY
PENGUIN

TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

PROJECT NORTH

DRAWING TITLE

OVERALL SITE PLAN

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

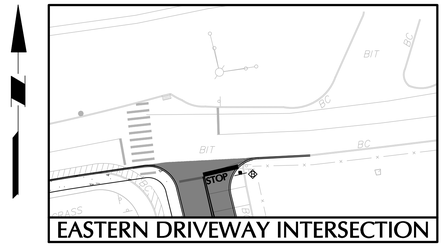
ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.

CS100

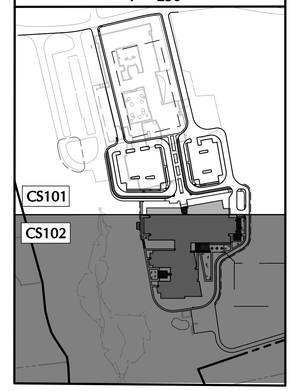
9/2/2025 4:30:02 PM Autodesk Docs://Trumbull Hillcrest Middle School/250501-Trumbull Hillcrest MS-Arch_BIM360-R26.rvt



LEGEND

	EXISTING	PROPOSED
PROPERTY LINE		
BUILDING LINE		
WETLAND BOUNDARY		
UPLAND REVIEW AREA		
BUILDING DOOR		
CURB LINE		
PAVEMENT MARKINGS		
CONCRETE		
SITE SIGN		
HEAVY DUTY PAVEMENT		
REINFORCED TURF		

SHEET LEGEND
1" = 250'



GENERAL NOTES

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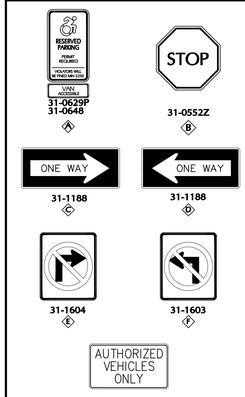
SIGN LEGEND



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860.547.1970
ARCHITECTURE | PLANNING | INTERIORS

TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

DRAWING TITLE

SITE PLAN I

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.

CS101

9/2/2025 4:30:02 PM Autodesk Docs://Trumbull Hillcrest Middle School/250501-Trumbull Hillcrest MS-Arch_BIM360-R26.rvt

GENERAL NOTES

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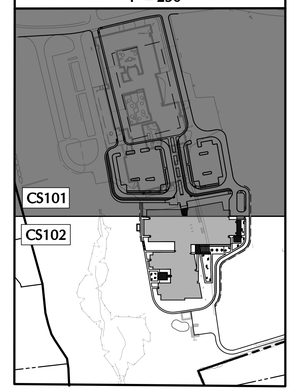
LEGEND

	EXISTING	PROPOSED
PROPERTY LINE		
BUILDING LINE		
WETLAND BOUNDARY		
UPLAND REVIEW AREA		
BUILDING DOOR		
CURB LINE		
PAVEMENT MARKINGS		
CONCRETE		
SITE SIGN		
HEAVY DUTY CONCRETE		
REINFORCED TURF		

SHEET LEGEND
1" = 250'



MATCHLINE - CS101

MATCHLINE - CS102

100.0' (TYP.)

WOODED AREA

48 LF RETAINING WALL

SITE STAIR WITH HANDRAILS

DOOR (TYP.)

PROPOSED BUILDING
±84,300 SF FOOTPRINT

CAST IN PLACE CONCRETE STAIR WITH HANDRAILS (TYP.)

WOODEN PLATFORM (TYP.)

UNIT PAVERS (TYP.)

RAISED PLANTER (TYP.); PLANTER TO STEP IN ELEVATION WITH ADJACENT AMPHITHEATER GRADE

CAFE TABLE (TYP.)

LOADING DOCK RAISED PLANTER (TYP.)

BLACK VERTICAL STEEL PICKET FENCE

PICNIC TABLE (TYP.)

UNIT PAVERS (TYP.)

20.0'

6.0'

14.0'

BASEBALL FIELD

GRASS

6" HEIGHT CHEEK WALL

BOULDERS (TYP.)

SEAT WALL (TYP.)

MOVEABLE SEATING (TYP.)

UNIT PAVERS (TYP.)

6" CAST IN-PLACE CONCRETE CURB

CONCRETE SIDEWALK (TYP.)

HEAVY DUTY BITUMINOUS PAVEMENT (TYP.)

REINFORCED TURF (TYP.)

FLUSH CONCRETE CURB (TYP.)

LIMIT OF WETLAND ON SITE

LIMIT OF UPLAND REVIEW AREA

100' UPLAND REVIEW AREA

EXISTING BUILDING TO REMAIN

LIMIT OF STORMWATER FEATURE

LIMIT OF REPAVING

CONEX BOX

GRAVEL

CONC BLOCK WALL

BENCH

BIT. WALK

PROTECT AND MAINTAIN EXISTING UTILITY POLE

20' SWING GATE

RELOCATE EXISTING UTILITY POLES AS NEEDED (TYP.)

16.0'

SCALE: 1 INCH = 30 FEET

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ARCHITECTURE | PLANNING | INTERIORS

TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

DRAWING TITLE

SITE PLAN II

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

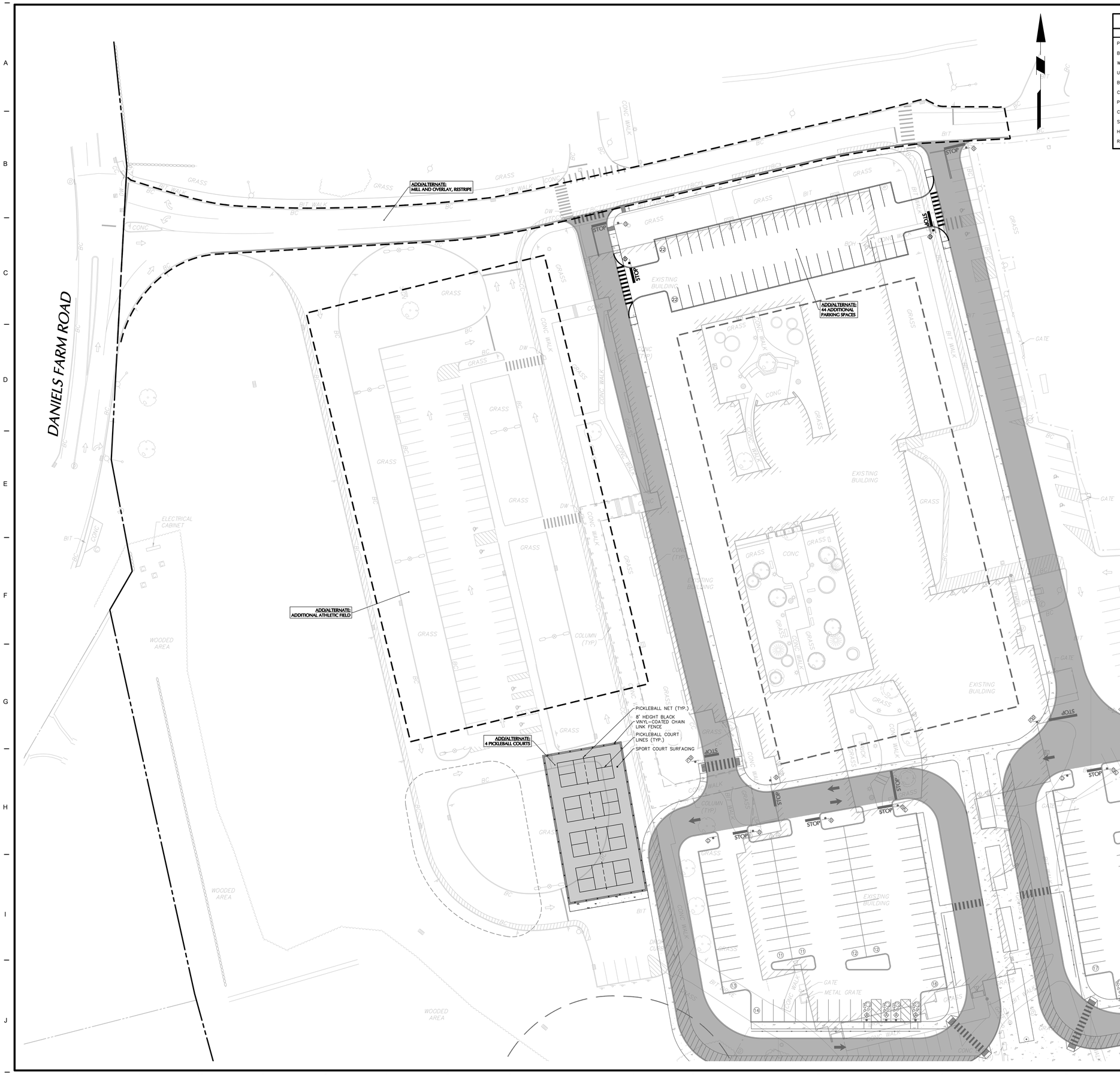
ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.

CS102

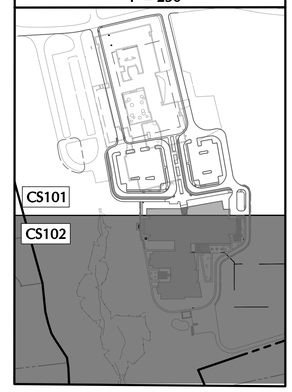
9/22/2025 4:30:02 PM Autodesk Docs://Trumbull Hillcrest Middle School/250501-Trumbull Hillcrest MS-Arch_BIM360-R26.rvt



LEGEND

	EXISTING	PROPOSED
PROPERTY LINE		
BUILDING LINE		
WETLAND BOUNDARY		
UPLAND REVIEW AREA		
BUILDING DOOR		
CURB LINE		
PAVEMENT MARKINGS		
CONCRETE		
SITE SIGN		
HEAVY DUTY PAVEMENT		
REINFORCED TURF		

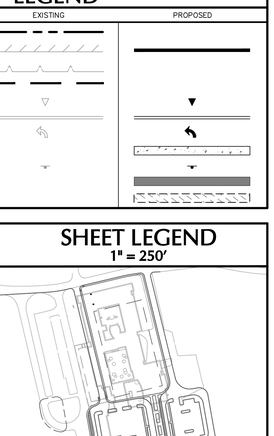
SHEET LEGEND
1" = 250'



GENERAL NOTES

1. BOUNDARY AND TOPOGRAPHIC INFORMATION OBTAINED FROM PLANS TITLED "PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY" PREPARED BY LANGAN, DATED JULY 11, 2025.
2. PROPOSED BUILDING FOOTPRINT RECEIVED ELECTRONICALLY FROM TSKP IN OCTOBER 2025.
3. THE SITE IS LOCATED WITHIN ZONE X OF FEMA FIRM MAP 09001C0289F, EFFECTIVE JUNE 18, 2010. ZONE X IS AN AREA OF MINIMAL FLOOD HAZARD WITH NO BASE FLOOD ELEVATIONS.

SIGN LEGEND



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ARCHITECTURE | PLANNING | INTERIORS

TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

PROJECT NORTH

DRAWING TITLE

SITE PLAN I - ALTERNATES

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

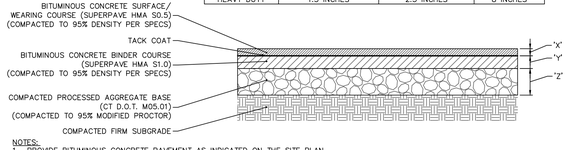
NO.	DATE	PURPOSE

Drawing No.

CS201

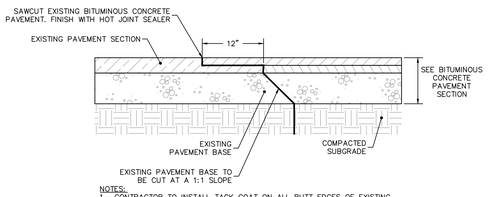
9/2/2025 4:39:02 PM Autodesk Docs://Trumbull Hillcrest Middle School/250501-Trumbull Hillcrest MS-Arch_BIM360-R26.rvt

ASPHALT SECTION	SURFACE COURSE – 'X'	BINDER COURSE – 'Y'	BASE – 'Z'
STANDARD DUTY	1.5 INCHES	1.5 INCHES	6 INCHES
HEAVY DUTY	1.5 INCHES	2.5 INCHES	8 INCHES



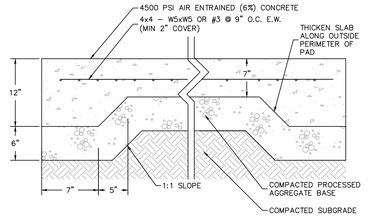
NOTES:
1. PROVIDE BITUMINOUS CONCRETE PAVEMENT AS INDICATED ON THE SITE PLAN.
2. PRIOR TO ANY PAVING ACTIVITIES, THE SUBGRADE OR BASE SHALL BE PROOF ROLLED.
3. PAVING BASE COURSE SHALL BE CONSTRUCTED IN LAYERS NOT LESS THAN 2 INCHES AND NOT MORE THAN 5 INCHES THICK PER LIFT.
4. ALL AREAS TO BE PAVED SHALL BE PROOFROLLED WITH AT LEAST 4 PASSES OF EITHER A SMOOTH ROLLER HAVING A MINIMUM STATIC DRUM WEIGHT OF 5–TONS OR A FULLY LOADED TANDEM DUMP TRUCK. ANY SOFT AREAS SHALL BE REMOVED AND REPLACED WITH CLEAN, GRANULAR, FREE–DRAINING SOIL. FILL SHALL BE PLACED IN LOOSE LIFTS NOT TO EXCEED 12–INCHES AND SHALL BE COMPACTED TO AT LEAST 95% OF ITS MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D–1557.
5. BITUMINOUS CONCRETE SUPERPAVE SHALL CONFORM TO CONNECTICUT D.O.T. STANDARD SPECIFICATIONS, FORM 818, SECTION 4.06, LATEST EDITION.
6. PROCESSED AGGREGATE BASE SHALL CONFORM TO CONNECTICUT D.O.T. STANDARD SPECIFICATIONS, FORM 818, SECTION 3.04, LATEST EDITION.
7. CONTRACTOR SHALL COORDINATE WITH GEOTECHNICAL REPORT PROVIDED BY LANGAN CT, INC. FOR MORE INFORMATION.

1 BITUMINOUS CONCRETE PAVEMENT SECTION - SUPERPAVE
N.T.S.

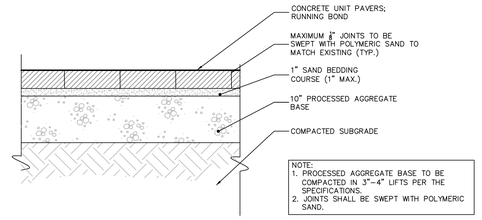


NOTES:
1. CONTRACTOR TO INSTALL TACK COAT ON ALL BUTT EDGES OF EXISTING PAVEMENT

2 SAWCUT PAVEMENT SECTION
N.T.S

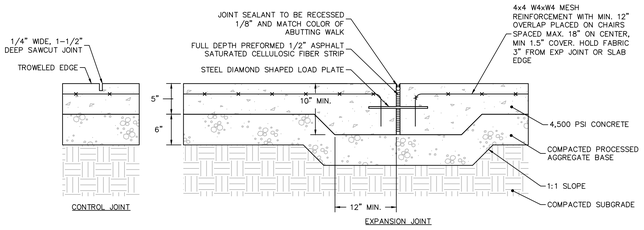


3 CONCRETE PAD
N.T.S



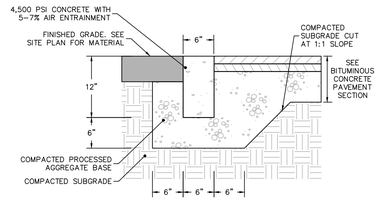
NOTE:
1. CONTRACTOR TO PROVIDE PRODUCT DATA AND PAVER LAYOUT DRAWING FOR REVIEW BY PROJECT LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
2. CONTRACTOR TO PROVIDE 10'x10' MOCKUP WITH FULL DEPTH BASE AND POLYMERIC SAND JOINTS FOR REVIEW BY PROJECT LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

4 UNIT PAVERS
N.T.S



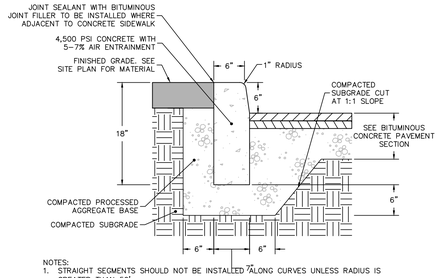
NOTES:
1. ALL CONTROL JOINTS TO BE SAWCUT
2. SIDEWALKS TO COMPLY WITH CITY STANDARDS WHERE APPLICABLE.
3. EXPANSION AND CONTROL JOINTS SHALL BE INSTALLED PER LAYOUT AND DIMENSIONING PLANS. IF NOT SPECIFICALLY DETAILED MAXIMUM SPACING OF JOINTS SHALL BE AS FOLLOWS:
   EXPANSION – 20 FT.
   CONTROL – 5 FT.
4. CONTROL JOINTS SHALL BE SPACED EQUAL TO THE WIDTH. CARE SHALL BE TAKEN TO ASSURE UNIFORM GRADE, FREE OF SAGS AND SHORT GRADE CHANGES.
5. SURFACE TEXTURE SHALL BE A LIGHT BROOMING, TRANSVERSE TO THE LENGTH OF THE WALK.
6. CONTRACTOR TO PROVIDE 5'x5' MOCKUP SHOWING EXPANSION JOINTS, SAWCUT JOINTS, AND BROOM FINISH PRIOR TO INSTALLATION.
7. EXPANSION JOINT SHALL BE INSTALLED AT ALL CURBS AND STRUCTURES. SIDEWALKS AT BUILDING ENTRANCES ARE TO BE PINNED TO FOUNDATION. COORDINATE WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.

5 ON-SITE CONCRETE SIDEWALK
N.T.S



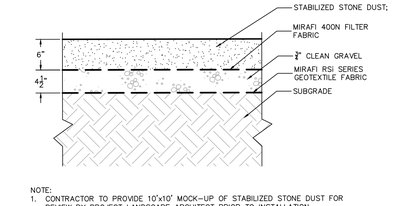
NOTES:
1. PROVIDE ½"W x 3" DEPTH CONTROL JOINTS, SPACED MAX. 10' O.C.

6 FLUSH CONCRETE CURB
N.T.S



NOTES:
1. STRAIGHT SEGMENTS SHOULD NOT BE INSTALLED ALONG CURVES UNLESS RADIUS IS GREATER THAN 50'.
2. INDIVIDUAL SEGMENTS TO BE GREATEST LENGTH POSSIBLE IN ORDER TO MINIMIZE NUMBER OF JOINTS. CORNERS TO BE SINGLE PIECE.
3. JOINT SEALANT TO BE INSTALLED AT ALL JOINTS BETWEEN CURB SEGMENTS.
4. PROCESSED AGGREGATE SHALL CONFORM TO CT D.O.T. SPECIFICATIONS, FORM 817 SECTION 3.04, LATEST REVISION.
5. CONTRACTOR TO PROVIDE PRODUCT DATA FOR REVIEW PRIOR TO INSTALLATION.
6. CONTRACTOR TO PROVIDE LAYOUT SHOP DRAWINGS FOR REVIEW PRIOR TO INSTALLATION. LAYOUT DRAWING TO INCLUDE PLAN VIEW INDICATING LOCATIONS OF INDIVIDUAL SEGMENTS.

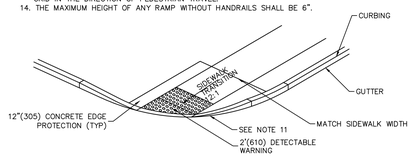
7 ON-SITE CONCRETE CURB
N.T.S



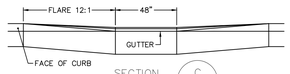
NOTE:
1. CONTRACTOR TO PROVIDE 10'x10' MOCK–UP OF STABILIZED STONE DUST FOR REVIEW BY PROJECT LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
2. EDGE OF STABILIZED STONE DUST AREAS TO BE ¾" THICK, 4" DEPTH FLUSH, POWDERCOATED BLACK STEEL EDGE AS MANUFACTURED BY COL–MET (OR APPROVED EQUAL).
3. SUPPLIER: READ CUSTOM SOILS WITH ORGANIC LOCK BINDER (OR APPROVED EQUAL); NATURAL GREY
4. PHYSICAL SAMPLES TO BE SUBMITTED TO PROJECT LANDSCAPE ARCHITECT FOR REVIEW PRIOR TO INSTALLATION

8 STABILIZED STONE DUST
N.T.S

NOTES:
1. MAXIMUM SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE SIDEWALK RAMP OR ACCESSIBLE ROUTE SHOULD NOT EXCEED 20:1.
2. CARE SHALL BE TAKEN TO ASSURE UNIFORM GRADE ON THE RAMP, FREE OF SAGS AND ABRUPT GRADE CHANGES.
3. ALL RAMPS SHALL BE CONSTRUCTED OF CLASS "C" CONCRETE IN ACCORDANCE WITH CONNECTICUT STANDARD SPECIFICATIONS ARTICLE M.03.01.
4. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
5. DIAGONAL SIDEWALK RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES.
6. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION / CONTRACTION JOINT OR DUMMY JOINT. 12:1 MAY NOT BE ACHIEVABLE DUE TO SIDEWALK GRADE. IN RECOGNITION OF THIS, A MINIMUM LIMIT OF 15' (4.57m) FOR A PARALLEL RAMP SHALL BE USED. REMOVAL SHALL NOT BE FURTHER THAN 2' (610) FROM THE PROPOSED RAMP UNLESS DIRECTED BY THE ENGINEER. SAW CUT REQUIRED FOR DUMMY JOINTS SHALL BE INCLUDED IN THE COST OF "CONCRETE SIDEWALK".
7. EXPANSION JOINTS IN CONCRETE SHALL MATCH THOSE IN ADJACENT SIDEWALKS BUT IN NO CASE SHALL THE SPACING BETWEEN EXPANSION JOINTS EXCEED 12' (3.66m) UNLESS OTHERWISE NOTED.
8. RAISED MEDIAN ISLANDS IN MARKED CROSSINGS SHALL HAVE SIDEWALK RAMPS AT BOTH SIDES AND A LEVEL AREA AT LEAST 4' (1219) LONG BETWEEN THE RAMPS. IF THIS CAN NOT BE ACHIEVED, THE RAISED ISLAND SHALL BE CUT THROUGH LEVEL WITH THE ROADWAY AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
9. SIDEWALK RAMPS, WHEN CONSTRUCTED IN CONJUNCTION WITH SIDEWALK, SHALL BE PAID FOR UNDER THE ITEM "CONCRETE SIDEWALK", INCLUDING CURBING WITHIN THE LIMITS OF THE NEW SIDEWALK RAMP AND DETECTABLE WARNING STRIPS.WHEN JUST A SIDEWALK RAMP IS CONSTRUCTED, IT SHALL BE PAID FOR UNDER THE ITEM "SIDEWALK RAMP" INCLUDING CURBING WITHIN THE LIMITS OF THE NEW SIDEWALK AND DETECTABLE WARNING STRIP.
10. CURBING WITHIN THE LIMITS OF THE NEW SIDEWALK RAMP SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE REQUIREMENTS OF FORM 816 SECTIONS 8.11 AND 8.13.
11. TRANSITION TO FULL HEIGHT CURB. INSTALL STONE CURBING IF ADJACENT CURBING IS STONE. INSTALL CONCRETE CURBING IF ADJACENT CURBING IS CONCRETE OR BITUMINOUS.
12. INSTALL THE EDGE OF THE DETECTABLE WARNING STRIP 6" (152) FROM THE EDGE OF ROAD.
13. TO PERMIT WHEELCHAIR WHEELS TO ROLL BETWEEN DOMES, ALIGN DOMES ON A SQUARE GRID IN THE DIRECTION OF PEDESTRIAN TRAVEL.
14. THE MAXIMUM HEIGHT OF ANY RAMP WITHOUT HANDRAILS SHALL BE 6".

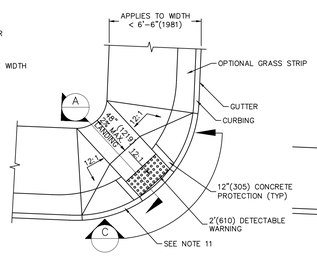


DIAGONAL SIDEWALK RAMP (TYPE 4c)

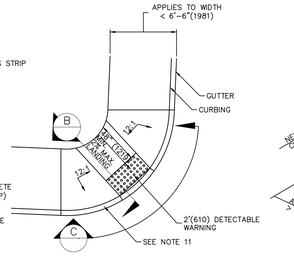


ALL METRIC DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED

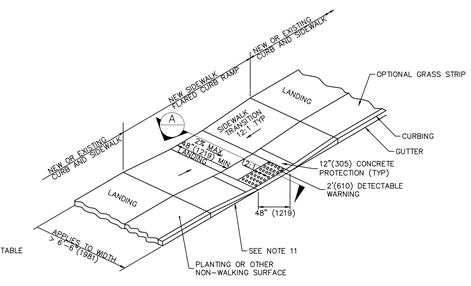
NOTES:
1. DETECTABLE WARNING ONLY TO BE INSTALLED WHERE SHWON ON THE SITE PLAN.



DIAGONAL SIDEWALK RAMP (TYPE 4a)



DIAGONAL/PARALLEL SIDEWALK RAMP (TYPE 4b)

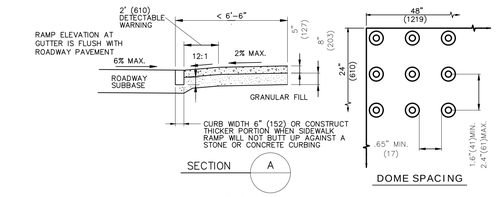


PERPENDICULAR SIDEWALK RAMP (TYPE 2)

10 ADA ACCESSIBLE CURB RAMP
N.T.S.

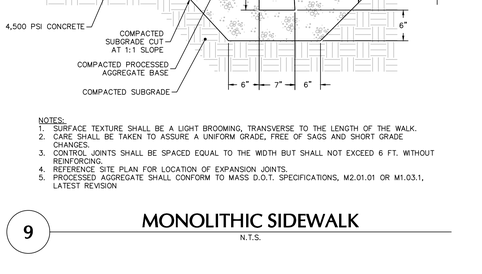
GENERAL NOTES:

1. INSTALL THE EDGE OF THE DETECTABLE WARNING STRIP 6" (152) FROM THE EDGE OF ROAD.
2. TO PERMIT WHEELCHAIR WHEELS TO ROLL BETWEEN DOMES, ALIGN DOMES ON A SQUARE GRID IN THE DIRECTION OF PEDESTRIAN TRAVEL.
3. CAST IRON DETECTABLE WARNING PLATES WITH TRUNCATED DOMES MANUFACTURED BY EAST JORDAN IRONWORKS OR APPROVED EQUAL IN A BLACK ASPHALT DIP FINISH SHOULD BE INSTALLED IN LOCATIONS SHOWN ON CS100, CS101 AND CS102.



11 DETECTABLE WARNING
N.T.S

9 MONOLITHIC SIDEWALK
N.T.S.



NOTES:
1. SURFACE TEXTURE SHALL BE A LIGHT BROOMING, TRANSVERSE TO THE LENGTH OF THE WALK.
2. CARE SHALL BE TAKEN TO ASSURE A UNIFORM GRADE, FREE OF SAGS AND SHORT GRADE CHANGES.
3. CONTROL JOINTS SHALL BE SPACED EQUAL TO THE WIDTH BUT SHALL NOT EXCEED 6 FT. WITHOUT REINFORCING.
4. REFERENCE SITE PLAN FOR LOCATION OF EXPANSION JOINTS.
5. PROCESSED AGGREGATE SHALL CONFORM TO MASS D.O.T. SPECIFICATIONS, M2.01.01 OR M1.03.1, LATEST REVISION

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ARCHITECTURE | PLANNING | INTERIORS

TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

DRAWING TITLE	
SITE DETAILS I	
STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

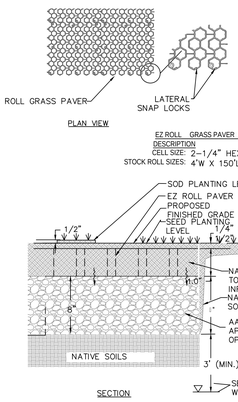
ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.

CS501

9/2/2025 4:30:02 PM Autodesk Docs://Trumbull Hillcrest Middle School/250501-Trumbull Hillcrest MS-Arch_BIM360-R26.rvt



ENGINEERING PROPERTIES:

1. COMPRESSIVE STRENGTH OF EZ ROLL:
   EMPTY PAVERS: ULTIMATE LOAD = 53,683 LBS / 373 PSI
   FILLED PAVERS: ULTIMATE LOAD = 400,000 LBS

TOP SOIL FILL:

2. NDS RECOMMENDS NATIVE TOP SOIL FOR BACKFILL INSIDE THE PAVERS.
3. EXTEND TOP SOIL INSIDE PAVER AN ADDITIONAL ¼ TO ½ INCH ABOVE PAVER SURFACE AND MATCH SURROUNDING GRADE. PROPOSED FINISHED GRADE SLOPE PER PROJECT GRADING PLAN. PROTECT PAVER AREA UNTIL GRASS IS SUFFICIENTLY ESTABLISHED TO HANDLE TRAFFIC. PROVIDE 1" (MIN.) CLEARANCE BETWEEN ANY CONCRETE EDGE AND PAVER.
4. GRASS PAVERS ARE TO BE USED FOR AREAS OF PEDESTRIAN USE, EROSION CONTROL, AND OCCASIONAL VEHICULAR TRAFFIC USE (E.G., OVERFLOW PARKING AND EMERGENCY/FIRE LANES).

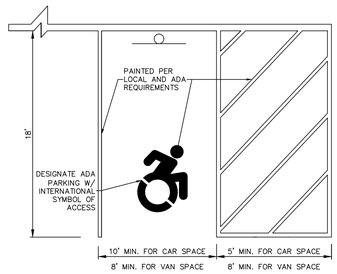
AASHTO #57 BASE ROCK:

5. GRADATION OF AASHTO #57 COARSE BASE ROCK: 100% PASSING 1 ½ SCREEN, 95–100% PASSING 1 , 25–60% PASSING ½ , AND 0–10% PASSING #8 SCREEN.
   OPTIONAL: ADD PULVERIZED NATIVE TOP SOIL EQUAL TO 15% OF TOTAL VOLUME. BLEND TO OBTAIN HOMOGENEOUS MIXTURE PRIOR TO PLACEMENT.
6. THICKNESS OF AGGREGATE LAYER IS AS FOLLOWS: NO BASE REQUIRED FOR EROSION CONTROL AND PEDESTRIAN–ONLY LOADS (COMPACTION OF NATIVE SOIL RECOMMENDED FOR SLOPES UP TO 3%); 4 INCHES FOR LIGHT LOADS (GOLF CARTS); 6 INCHES FOR MEDIUM LOADS (CARS AND PICKUP TRUCKS); 8 INCHES FOR HEAVY LOADS (FIRE TRUCKS).
7. COMPACT WITH ONE TO THREE PASSES OF 5–TON STEEL WHEEL ROLLER. SINCE IT IS DIFFICULT TO MEASURE DENSITY OF COARSE AGGREGATE, APPROACH OF REQUIRING A FIXED DENSITY IS NOT APPLICABLE.

SUBGRADE NATIVE SOIL:

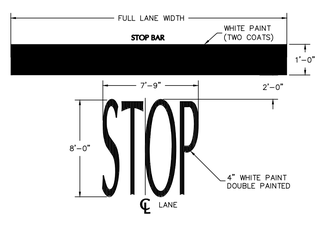
8. COMPACT SUBGRADE NATIVE SOILS TO 95% STANDARD PROCTOR DENSITY PER ASTM D698 FOR SOILS WITH CALIFORNIA BEARING RATIO >20%, R VALUE >30, AASHTO A–1, A–2, AND A–3 SOILS.
9. NDS RECOMMENDS THAT ENGINEER–OF–RECORD CONSIDER HIGHER LEVEL OF COMPACTION FOR CBR 5 TO 20%, R–VALUE 10 TO 30, AASHTO A–4 SOILS FOR HEAVY LOADS WHERE INFILTRATION INTO NATIVE SOILS IS NOT A REQUIREMENT.
10. NDS RECOMMENDS THAT ENGINEER–OF–RECORD CONSULT WITH PROJECT GEOTECHNICAL ENGINEER FOR POTENTIAL SOIL MODIFICATION (E.G., LIME TREATMENT) AND COMPACTION LEVEL FOR CBR <5% AND R–VALUE <10, AASHTO A–5, A–6, AND A–7 SOILS.

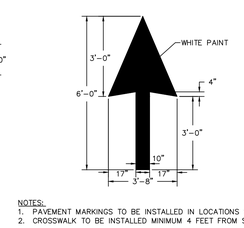
1 REINFORCED TURF (EZ ROLL GRASS PAVERS OR APPROVED EQUAL)
N.T.S



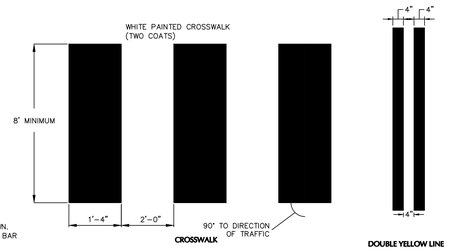
NOTES:
1. ALL PAINT SHALL BE EPOXY RESIN PAINT, MEETING THE REQUIREMENTS OF AASHTO M248 TYPE F, PAINT SHALL BE APPLIED AS SPECIFIED BY THE MANUFACTURER.
2. SYMBOLS & PARKING STALLS SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICAN DISABILITIES ACT (ADA) AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
3. APPLY TWO COATS OF TRAFFIC PAINT. ALLOW FOR A MINIMUM CURE TIME OF 24 HOURS BETWEEN APPLICATIONS.

2 ADA PARKING STALL STRIPING
N.T.S

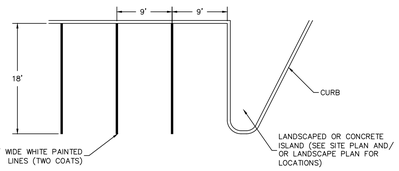




NOTES:
1. PAVEMENT MARKINGS TO BE INSTALLED IN LOCATIONS SHOWN.
2. CROSSWALK TO BE INSTALLED MINIMUM 4 FEET FROM STOP BAR



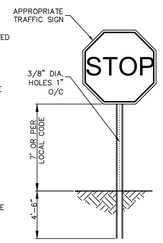
3 ON-SITE PAVEMENT MARKINGS
N.T.S



90 DEGREE PARKING STALL

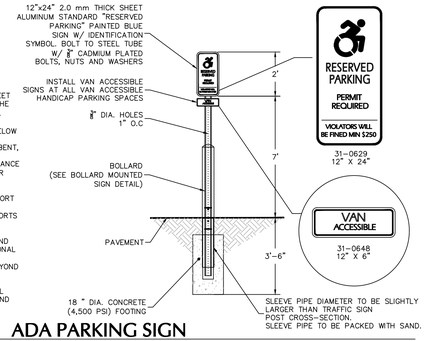
NOTES:
1. ALL PAINT SHALL BE SHERWIN–WILLIAMS "SETFAST" PAINT. #TM2160 – WHITE APPLY 2 COATS OF TRAFFIC TYPE PAINT.
2. APPLY THE FIRST COAT NOT LESS THAN 5 DAYS AFTER THE PLACING OF BITUMINOUS PAVEMENT APPLY SECOND COAT JUST PRIOR TO BUILDING OPENING.

4 PARKING STALL STRIPING
N.T.S



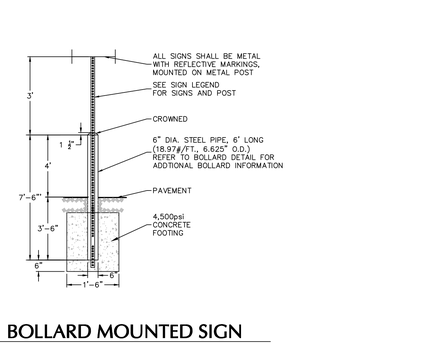
NOTES:
1. ALL POSTS SHALL BE OF ADEQUATE LENGTH TO MEET THE REQUIREMENTS FOR ERECTION AS STATED IN THE CURRENT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".
2. ALL POSTS SHALL BE EMBEDDED 4'–6" MINIMUM BELOW GRADE.
3. ALL STEEL POSTS AND BRACKETS SHALL BE CUT, BENT, AND HOLES PUNCHED AND DRILLED BEFORE GALVANIZING. GALVANIZING SHALL BE IN CONFORMANCE WITH CURRENT A.S.T.M. SPECIFICATION A123–78 (OR LATEST REVISED).
4. POSTS SHALL BE BREAKAWAY TYPE II TWO–PIECE U–POST OR OTHER BREAKAWAY STRUCTURAL SUPPORT HARDWARE AS NOTED IN THE LATEST EDITION OF AASHTO'S "SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES, AND TRAFFIC SIGNALS."
5. SIGN PANEL SIZES SHALL DETERMINE POST TYPE AND NUMBERS AS SHOWN ON THIS DETAIL AND DIRECTIONAL SIGN SHEET.
6. BOLTS SHALL NOT PROTRUDE MORE THAN 3/4" BEYOND THE NUT WHEN TIGHT BUT SHALL ENGAGE ALL THREADS IN THE NUT.
7. ALL TRAFFIC AND PEDESTRIAN SIGNAGE AND LOCATION SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND ALL CURRENT AMENDMENTS.

5 ON-SITE SIGN DETAIL
N.T.S

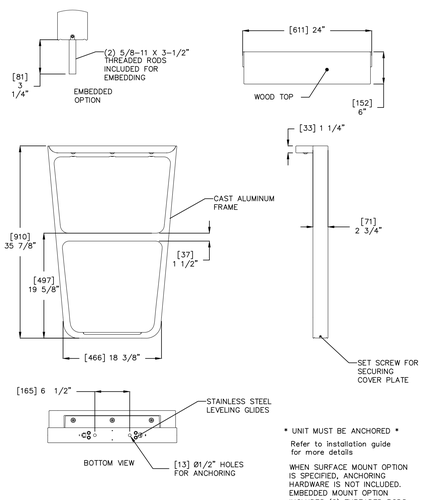


NOTES:
1. ALL POSTS SHALL BE OF ADEQUATE LENGTH TO MEET THE REQUIREMENTS FOR ERECTION AS STATED IN THE CURRENT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".
2. ALL POSTS SHALL BE EMBEDDED 3'–6" MINIMUM BELOW GRADE.
3. ALL STEEL POSTS AND BRACKETS SHALL BE CUT, BENT, AND HOLES PUNCHED AND DRILLED BEFORE GALVANIZING. GALVANIZING SHALL BE IN CONFORMANCE WITH CURRENT A.S.T.M. SPECIFICATION A123–78 (OR LATEST REVISED).
4. POSTS SHALL BE BREAKAWAY TYPE II TWO–PIECE U–POST OR OTHER BREAKAWAY STRUCTURAL SUPPORT HARDWARE AS NOTED IN THE LATEST EDITION OF AASHTO'S "SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES, AND TRAFFIC SIGNALS."
5. SIGN PANEL SIZES SHALL DETERMINE POST TYPE AND NUMBERS AS SHOWN ON THIS DETAIL AND DIRECTIONAL SIGN SHEET.
6. BOLTS SHALL NOT PROTRUDE MORE THAN 3/4" BEYOND THE NUT WHEN TIGHT BUT SHALL ENGAGE ALL THREADS IN THE NUT.
7. ADA PARKING SIGN, INCLUDING FINE AMOUNT, SHALL CONFORM WITH CURRENT STATE & LOCAL CODES AND REGULATIONS.

6 ADA PARKING SIGN
N.T.S



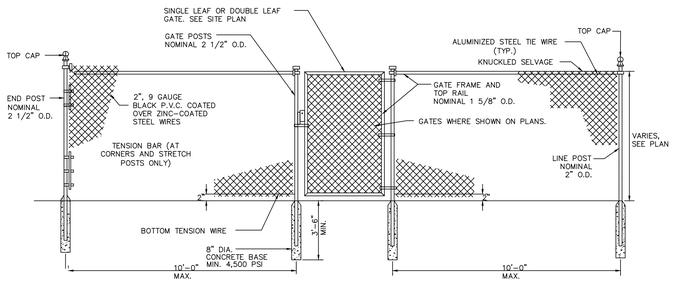
7 BOLLARD MOUNTED SIGN
N.T.S



* UNIT MUST BE ANCHORED *
Refer to installation guide for more details
WHEN SURFACE MOUNT OPTION IS SPECIFIED, ANCHORING HARDWARE IS NOT INCLUDED. EMBEDDED MOUNT OPTION INCLUDES (2) THREADED RODS.

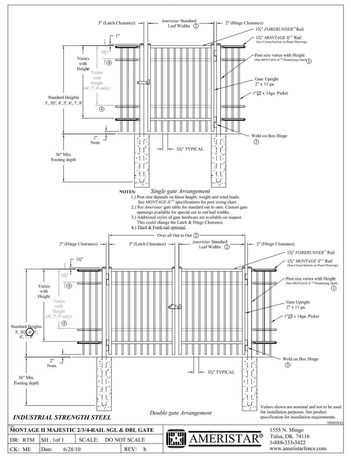
NOTES:
1. CONTRACTOR TO SUBMIT PRODUCT DATA FOR LANDSCAPE FORMS MULTIPLICITY BICYCLE RACK FOR REVIEW BY LANDSCAPE ARCHITECT.
2. CONTRACTOR TO SUBMIT PHYSICAL SAMPLES FOR REVIEW BY PROJECT LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

8 BICYCLE RACK
N.T.S



NOTES:
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO THE CIVIL ENGINEER ILLUSTRATING THE HEIGHTS & LAYOUT OF FENCING AND GATES REQUIRED FOR THE PROJECT. SHOP DRAWINGS SHALL INCLUDE MANUFACTURER CUTS AND SPECIFICATIONS.
2. ALL CHAIN LINK FENCE GREATER THAN 6 FOOT HEIGHT TO HAVE MID–RAIL.
3. GATES TO BE 3' MIN. CLEAR OPENING UNLESS NOTED OTHERWISE ON PLAN.
4. CONTRACTOR TO PROVIDE RECEIVING POST SLEEVE FOR ALL GATES IN BOTH OPEN AND CLOSED CONDITIONS.

9 CHAIN LINK FENCE
N.T.S

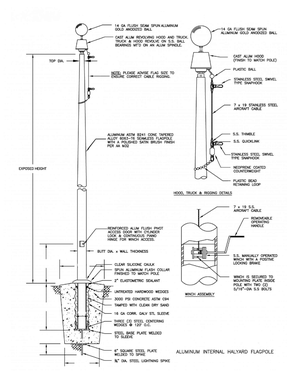


NOTES:
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO PROJECT LANDSCAPE ARCHITECT ILLUSTRATING THE HEIGHTS & LAYOUT OF FENCING REQUIRED FOR THE PROJECT. SHOP DRAWINGS SHALL INCLUDE MANUFACTURER CUTS AND SPECIFICATIONS.
2. ALL FENCE COMPONENTS TO BE BLACK POWDERCOATED.

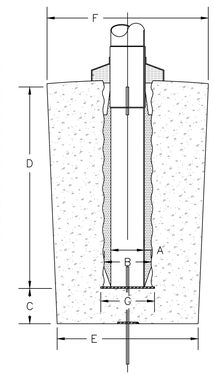
10 STEEL PICKET FENCE (OR APPROVED EQUAL)
N.T.S

FLAG POLE LENGTH TABLE			
POLE LENGTH	BURIED LENGTH	STRAIGHT SECTION LENGTH	TAPERED SECTION LENGTH
25' – 0"	3' – 0"	12' – 6"	12' – 6"

FOUNDATION & BUTT TABLE – TAPERED POLE								
POLE LENGTH	A	B	C	D	E	F	G	
28' – 0"	7"	9"	12"	36"	36"	45"	16"	



A FLAG POLE/ IN-GROUND ELEVATION



B FLAG POLE/ IN-GROUND FOUNDATION DETAIL

NOTES:
1. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR REVIEW PRIOR TO INSTALLATION
2. FLAGPOLE TO BE PT257CIW AS MANUFACTURED BY POLE–TECH CO. (OR APPROVED EQUAL).

11 FLAGPOLE
N.T.S

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TRUMBULL HILLCREST MIDDLE SCHOOL
530 Daniels Farm Road, Trumbull, CT 06611

Project Status
KEY PLAN
PROJECT NORTH

DRAWING TITLE
SITE DETAILS II

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.
CS502

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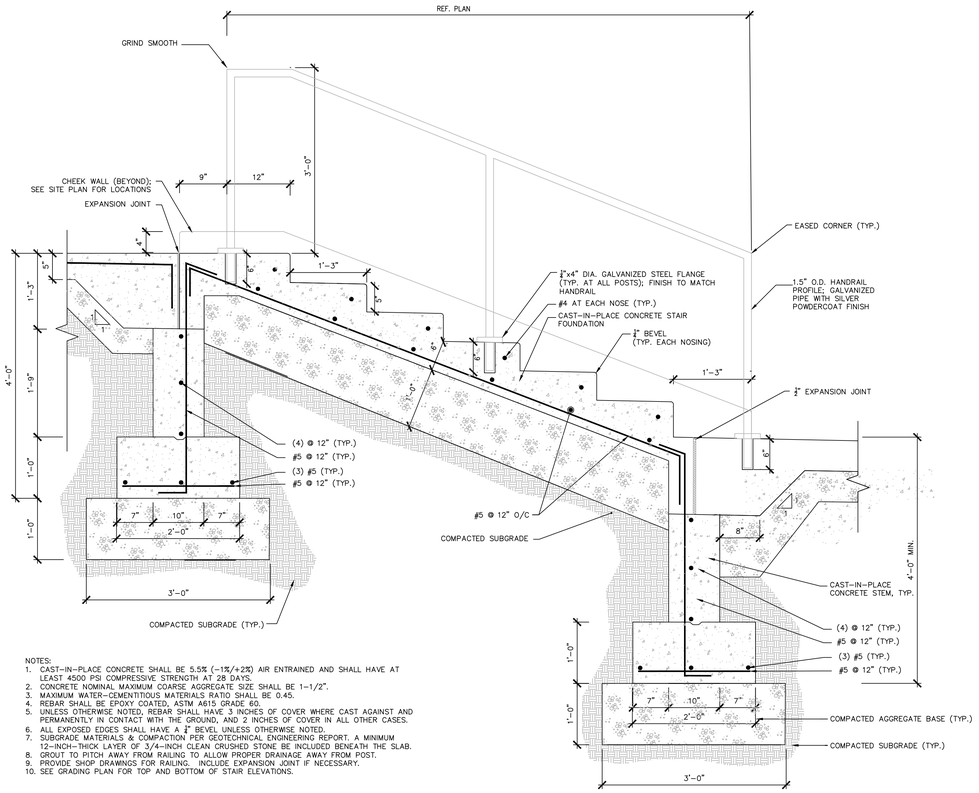
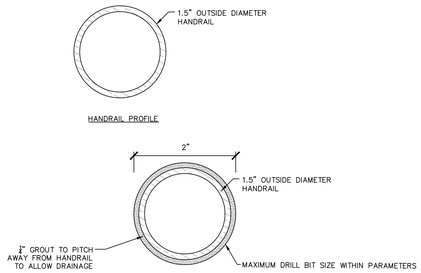


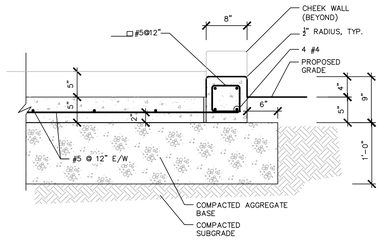
NOTES:
1. CAST-IN-PLACE CONCRETE SHALL BE 5.5% (−1%/+2%) AIR ENTRAINED AND SHALL HAVE AT LEAST 4500 PSI COMPRESSIVE STRENGTH AT 28 DAYS.
2. CONCRETE NOMINAL MAXIMUM COARSE AGGREGATE SIZE SHALL BE 1−1/2".
3. MAXIMUM WATER−CEMENTITIOUS MATERIALS RATIO SHALL BE 0.45.
4. REBAR SHALL BE EPOXY COATED, ASTM A615 GRADE 60.
5. UNLESS OTHERWISE NOTED, REBAR SHALL HAVE 3 INCHES OF COVER WHERE CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE GROUND, AND 2 INCHES OF COVER IN ALL OTHER CASES.
6. ALL EXPOSED EDGES SHALL HAVE A ¾" BEVEL UNLESS OTHERWISE NOTED.
7. SUBGRADE MATERIALS & COMPACTION PER GEOTECHNICAL ENGINEERING REPORT. A MINIMUM 12−INCH−THICK LAYER OF 3/4−INCH CLEAN CRUSHED STONE BE INCLUDED BENEATH THE SLAB.
8. GROUT TO PITCH AWAY FROM RAILING TO ALLOW PROPER DRAINAGE AWAY FROM POST.
9. PROVIDE SHOP DRAWINGS FOR RAILING. INCLUDE EXPANSION JOINT IF NECESSARY.
10. SEE GRADING PLAN FOR TOP AND BOTTOM OF STAIR ELEVATIONS.

1 CONCRETE STAIRS (PROFILE)
1" = 1'−0"

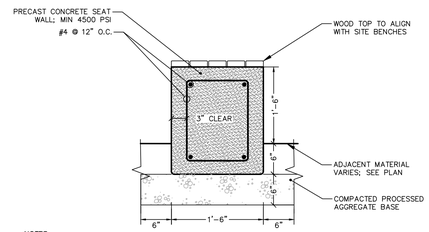


NOTES:
1. ALL RAILINGS, POSTS, AND ACCESSORIES TO BE GALVANIZED STEEL WITH SILVER POWDERCOAT FINISH.
2. CONTRACTOR TO SUBMIT PRODUCT DATA, PHYSICAL SAMPLES, AND SHOP DRAWINGS OF HANDRAIL AND ALL CONNECTIONS PRIOR TO INSTALLATION (TYP.)

2 HANDRAIL PROFILE
N.T.S.

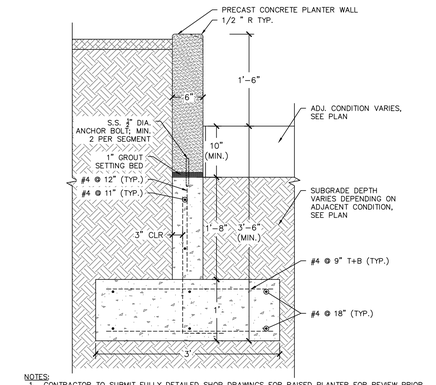


3 CONCRETE STAIRS (CHEEK WALL SECTION)
1" = 1'−0"



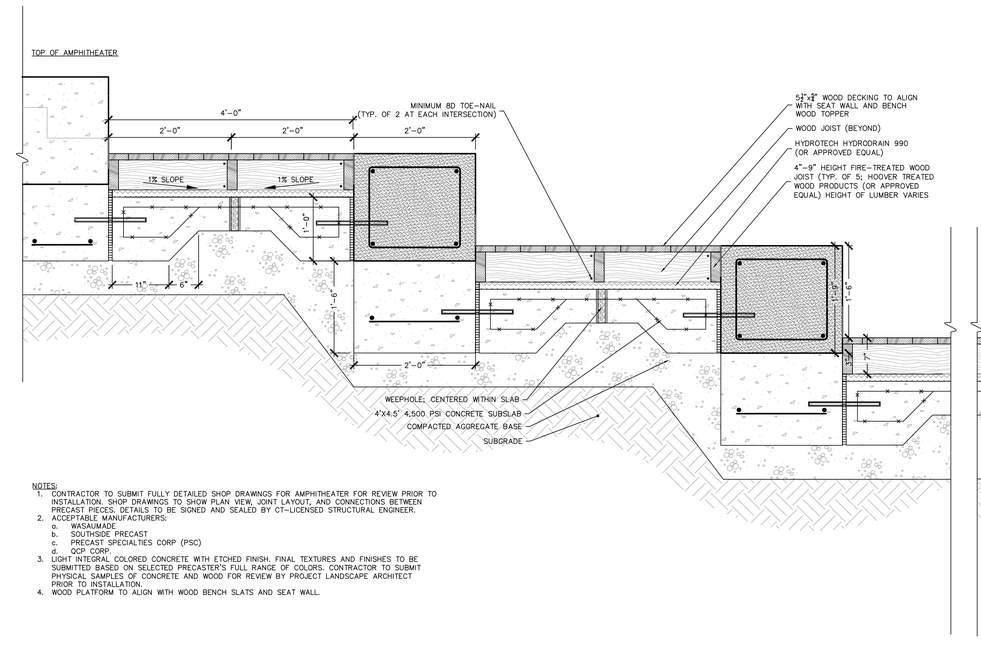
NOTES:
1. CONTRACTOR TO SUBMIT FULLY DETAILED SHOP DRAWINGS FOR SEAT WALL FOR REVIEW PRIOR TO INSTALLATION. SHOP DRAWINGS TO SHOW PLAN VIEW, JOINT LAYOUT, AND CONNECTIONS BETWEEN PRECAST PIECES. DETAILS TO BE SIGNED AND SEALED BY CT−LICENSED STRUCTURAL ENGINEER.
2. ACCEPTABLE MANUFACTURERS:
   a. WASAUMADE
   b. SOUTHSIDE PRECAST
   c. PRECAST SPECIALTIES CORP (PSC)
   d. QCP CORP.
3. LIGHT INTEGRAL COLORED CONCRETE WITH ETCHED FINISH. FINAL TEXTURES AND FINISHES TO BE SUBMITTED BASED ON SELECTED PRECASTER'S FULL RANGE OF COLORS. CONTRACTOR TO SUBMIT PHYSICAL SAMPLES OF CONCRETE AND WOOD FOR REVIEW BY PROJECT LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

4 PRECAST CONCRETE SEAT WALL
N.T.S



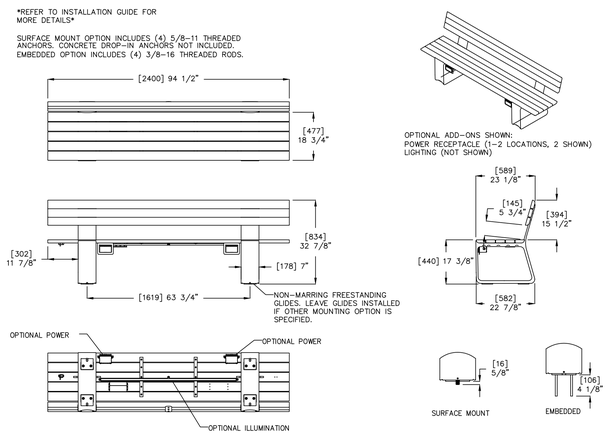
NOTES:
1. CONTRACTOR TO SUBMIT FULLY DETAILED SHOP DRAWINGS FOR RAISED PLANTER FOR REVIEW PRIOR TO INSTALLATION. SHOP DRAWINGS TO SHOW PLAN VIEW, JOINT LAYOUT, AND CONNECTIONS BETWEEN PRECAST PIECES. DETAILS TO BE SIGNED AND SEALED BY CT−LICENSED STRUCTURAL ENGINEER.
2. ACCEPTABLE MANUFACTURERS AND FINISH TO ALIGN WITH SEAT WALLS AND APHITHEATER. FINAL TEXTURES AND FINISHES TO BE SUBMITTED BASED ON SELECTED PRECASTER'S FULL RANGE OF COLORS. CONTRACTOR TO SUBMIT PHYSICAL SAMPLES FOR REVIEW BY PROJECT LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

5 RAISED PLANTER
N.T.S



NOTES:
1. CONTRACTOR TO SUBMIT FULLY DETAILED SHOP DRAWINGS FOR AMPHITHEATER FOR REVIEW PRIOR TO INSTALLATION. SHOP DRAWINGS TO SHOW PLAN VIEW, JOINT LAYOUT, AND CONNECTIONS BETWEEN PRECAST PIECES. DETAILS TO BE SIGNED AND SEALED BY CT−LICENSED STRUCTURAL ENGINEER.
2. ACCEPTABLE MANUFACTURERS:
   a. WASAUMADE
   b. SOUTHSIDE PRECAST
   c. PRECAST SPECIALTIES CORP (PSC)
   d. QCP CORP.
3. LIGHT INTEGRAL COLORED CONCRETE WITH ETCHED FINISH. FINAL TEXTURES AND FINISHES TO BE SUBMITTED BASED ON SELECTED PRECASTER'S FULL RANGE OF COLORS. CONTRACTOR TO SUBMIT PHYSICAL SAMPLES OF CONCRETE AND WOOD FOR REVIEW BY PROJECT LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
4. WOOD PLATFORM TO ALIGN WITH WOOD BENCH SLATS AND SEAT WALL.

6 PRECAST AMPHITHEATER SEATING WITH WOODEN PLATFORMS
N.T.S



NOTES:
1. CONTRACTOR TO SUBMIT PRODUCT DATA FOR LANDSCAPE FORMS MUTIPLICITY BENCH FOR REVIEW BY LANDSCAPE ARCHITECT.
2. CONTRACTOR TO SUBMIT PHYSICAL SAMPLES FOR REVIEW BY PROJECT LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

7 BENCH
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TRUMBULL HILLCREST MIDDLE SCHOOL
530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

DRAWING TITLE
SITE DETAILS III

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.
CS503

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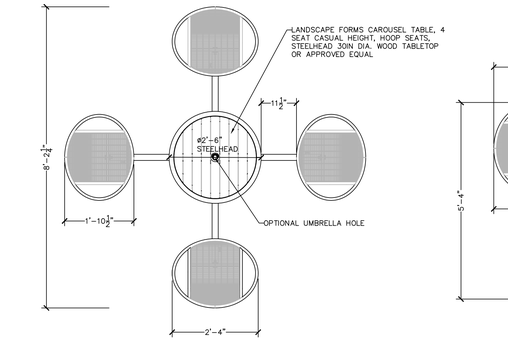
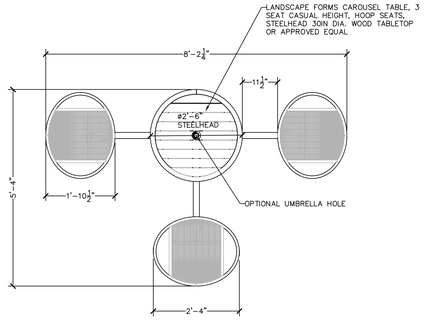
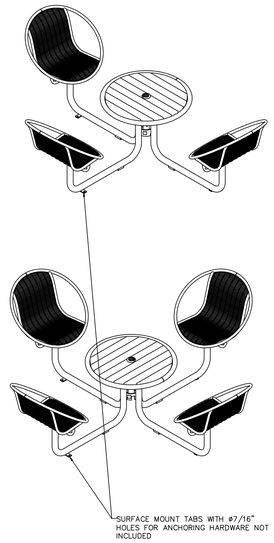
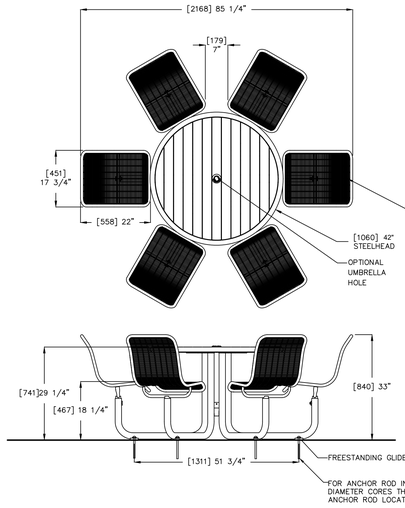
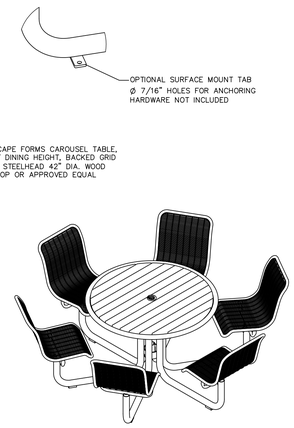




NOTES
1. CAFE TABLES TO BE SURFACE-MOUNTED
2. CONTRACTOR TO REFER TO MANUFACTURER RECOMMENDATIONS FOR INSTALLATION METHODS, SUBMIT FULLY DETAILED SHOP DRAWINGS SIGNED AND SEALED BY CONNECTICUT-LICENSED STRUCTURAL ENGINEER FOR REVIEW BY PROJECT LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
3. CONTRACTOR TO PROVIDE PRODUCT DATA AND PHYSICAL SAMPLES FOR REVIEW BY PROJECT LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

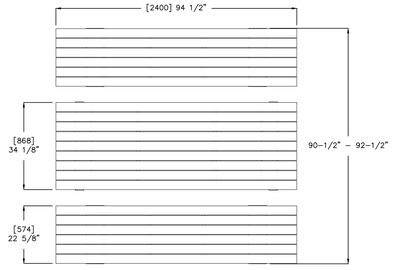


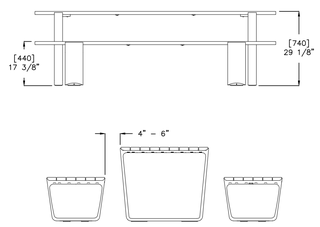




1 **CAFE TABLES**
N.T.S

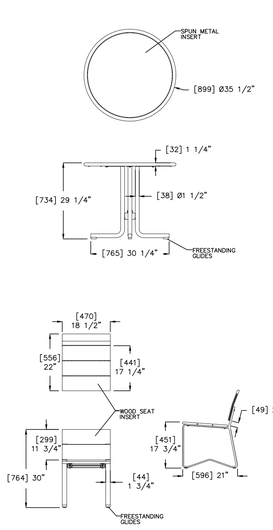
REFER TO INSTALLATION GUIDE FOR MORE DETAILS





NOTES:
1. CONTRACTOR TO SUBMIT PRODUCT DATA FOR LANDSCAPE FORMS MUTIPLICITY BENCH FOR REVIEW BY LANDSCAPE ARCHITECT.
2. CONTRACTOR TO SUBMIT PHYSICAL SAMPLES FOR REVIEW BY PROJECT LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

2 **PICNIC TABLE**
N.T.S



NOTES:
1. CONTRACTOR TO SUBMIT PRODUCT DATA FOR LANDSCAPE FORMS STEELHEAD METAL TABLE AND WINDMARK CHAIR FOR REVIEW BY LANDSCAPE ARCHITECT.
2. CONTRACTOR TO SUBMIT PHYSICAL SAMPLES FOR REVIEW BY PROJECT LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

3 **MOVEABLE SEATING**
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TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

DRAWING TITLE

SITE DETAILS IV

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.

CS504

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DRAINAGE NOTES

1. ALL PROPOSED STORM DRAINAGE PIPING TO UTILIZE WATER-TIGHT JOINTS.
2. LOCATIONS AND ELEVATIONS OF ROOF LEADERS SHOULD BE COORDINATED WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION.
3. CLEANOUTS SHALL BE PROVIDED FLUSH TO GRADE AT ALL LOCATIONS OF ROOF DRAIN INTERSECTIONS, BENDS AND UPSTREAM ENDS.
4. ALL REQUIRED STORM LATERALS SERVICING THE BUILDING SHALL BE COORDINATED AND CONSTRUCTED TO WITHIN FIVE FEET OF EACH BUILDING LATERAL ENTRANCE LOCATION AT THE INVERTS NOTED. ANY NECESSARY EXTENSIONS, RELOCATIONS, OR CORRECTIONS WITHIN FIVE FEET OF THE BUILDING NECESSARY TO COMPLETE CONNECTION OF LATERALS TO THE BUILDINGS SHALL BE MADE BY THE BUILDING CONTRACTOR.
5. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE APPROPRIATE SIZES OF THE DRAINAGE CATCH BASINS AND MANHOLES TO RECEIVE PIPING SHOWN.
6. STORM DRAINAGE PIPING INSTALLATION SHALL COMMENCE AT THE FURTHEST DOWNSTREAM POINT AND PROCEED UPSTREAM "IN THE DRY".
7. ABBREVIATIONS: RCP=REINFORCED CONCRETE PIPE
   HDPE=HIGH DENSITY POLYETHYLENE PIPE
   CCB=CURBED CATCH BASIN
   CLCB=CURBLESS CATCH BASIN
   MH=MANHOLE
   YD=YARD DRAIN
   WQU=WATER QUALITY UNIT
   HW=HEADWALL
   RIM=TOP OF RIM ELEVATION
   GR=TOP OF GRATE ELEVATION

GRADING NOTES

1. ACCESSIBLE PARKING AREAS NOT TO EXCEED 2% IN ANY DIRECTION.
2. ACCESSIBLE ROUTES NOT TO EXCEED 5% RUNNING SLOPE OR 2% CROSS-SLOPE.
3. BUILDING ENTRANCES AND RAMP LANDINGS NOT TO EXCEED 2% IN ANY DIRECTION.
4. ACCESSIBLE RAMPS TO BE CONSTRUCTED PER ADA REQUIREMENTS
5. ABBREVIATIONS: TC=TOP OF CURB
   BC=BOTTOM OF CURB
   LP=LOW POINT
   TW=TOP OF WALL
   BW=BOTTOM OF WALL

STORMWATER BASIN NOTES

1. DURING CLEARING AND GRADING OF THE SITE, MEASURES MUST BE TAKEN TO ELIMINATE SOIL COMPACTION AT THE LOCATION OF PROPOSED STORMWATER BASINS.
2. THE LOCATION OF PROPOSED STORMWATER BASINS MUST BE CORDONED OFF DURING CONSTRUCTION TO PREVENT COMPACTION OF THE SUBSOIL BY CONSTRUCTION EQUIPMENT OR MATERIAL STOCKPILES AND PREVENT SILT ACCUMULATION.
3. THE USE OF A PROPOSED STORMWATER BASIN LOCATION FOR A TEMPORARY SEDIMENT TRAP DURING CONSTRUCTION IS DISCOURAGED. HOWEVER, WHEN UNAVOIDABLE, EXCAVATION FOR THE TEMPORARY SEDIMENT TRAP MUST BE A MINIMUM OF TWO FEET ABOVE THE FINAL DESIGN ELEVATION OF THE BOTTOM OF THE PROPOSED STORMWATER BASIN.
4. EXCAVATION AND CONSTRUCTION OF A STORMWATER BASIN MUST BE PERFORMED USING EQUIPMENT PLACED OUTSIDE OF THE LIMITS OF THE BASIN.
5. THE EXCAVATION TO THE FINAL DESIGN ELEVATION OF A STORMWATER BASIN MAY ONLY OCCUR AFTER ALL CONSTRUCTION WITHIN ITS DRAINAGE AREA IS COMPLETED AND THE DRAINAGE AREA IS STABILIZED. IF CONSTRUCTION OF A STORMWATER BASIN OR RAIN GARDEN CANNOT BE DELAYED, BERMS MUST BE PLACED AROUND THE PERIMETER OF THE BASIN THROUGHOUT ALL PHASES OF CONSTRUCTION TO DIVERT FLOWS AWAY FROM THE BASIN. THE BERMS MAY NOT BE REMOVED UNTIL ALL CONSTRUCTION WITHIN THE DRAINAGE AREA IS COMPLETED AND THE DRAINAGE AREA IS STABILIZED.
6. THE CONTRIBUTING DRAINAGE AREA MUST BE COMPLETELY STABILIZED PRIOR TO STORMWATER BASIN USE.
7. PRIOR TO PLACING THE BASIN SOIL MIX AND PLANTINGS, CONTRACTOR TO REMOVE ALL ACCUMULATED SILT AND SEDIMENT AND PERFORM THREE PERCOLATION TESTS IN THE PRESENCE OF THE ENGINEER TO ENSURE INFILTRATION CAPABILITIES.
8. STORMWATER BASINS ARE TO BE INSPECTED AFTER EVERY MAJOR STORM EVENT FOR THE FIRST 6 MONTHS POST CONSTRUCTION TO ENSURE PROPER INFILTRATION IS REALIZED. INSPECTION LOG TO CAPTURE THE DURATION OF STANDING WATER IN THE BASIN POST STORM AND AMOUNT OF ANY SEDIMENT BUILDUP TO DETERMINE IF BASIN IS CLOGGED. IF BASIN IS CLOGGED, CONTRACTOR TO REMOVE CLOGGED BASIN MATERIALS AND REPLACE WITH NEW. ADDITIONALLY, CONTRACTOR TO REMOVE ANY ACCUMULATED SEDIMENT PRIOR TO PLACING TOPSOIL AND PLANTINGS.
9. POST 6 MONTHS OF OPERATION, STORMWATER BASIN MAINTENANCE TO CONTINUE IN ACCORDANCE WITH MOST CURRENT CONNECTICUT STORMWATER QUALITY MANUAL.
10. CONTRACTOR TO PERFORM FIELD PERMEABILITY TESTS BOTH PRE- AND POST-CONSTRUCTION TO CONFIRM PERCOLATION RATES WITHIN THE DETENTION BASINS REMAIN THE SAME AS DESIGNED.

LEGEND

	EXISTING	PROPOSED
PROPERTY LINE		
WETLAND BOUNDARY		
UPLAND REVIEW AREA		
MINOR CONTOUR	149	149
MAJOR CONTOUR	150	150
SPOT GRADE	×150.1	×150.1
STORM LINE		
CATCH BASIN		
YARD DRAIN		
STORM MANHOLE	Ⓟ	

GENERAL NOTES

1. BOUNDARY AND TOPOGRAPHIC INFORMATION OBTAINED FROM PLANS TITLED "PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY" PREPARED BY LANGAN, DATED JULY 11, 2025.
2. PROPOSED BUILDING FOOTPRINT RECEIVED ELECTRONICALLY FROM TSKP IN OCTOBER 2025.
3. THE SITE IS LOCATED WITHIN ZONE X OF FEMA FIRM MAP 09001C0289F, EFFECTIVE JUNE 18, 2010. ZONE X IS AN AREA OF MINIMAL FLOOD HAZARD WITH NO BASE FLOOD ELEVATIONS.

60 0 20 40 60
SCALE IN FEET

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BENJAMIN C. PORTER 27 CHRISTOPHER P. CARTY LICENSED PROFESSIONAL ENGINEER

TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

PROJECT NORTH

DRAWING TITLE

OVERALL GRADING AND DRAINAGE PLAN

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.

CG100

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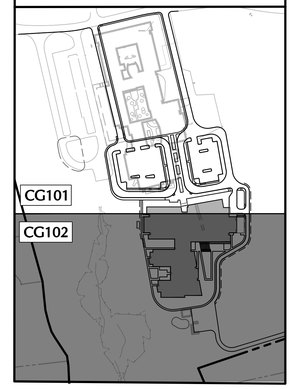
LEGEND

	EXISTING	PROPOSED
PROPERTY LINE		
WETLAND BOUNDARY		
UPLAND REVIEW AREA		
MINOR CONTOUR	149	149
MAJOR CONTOUR	150	150
SPOT GRADE	×150.1	×150.1
STORM LINE		
CATCH BASIN		
YARD DRAIN		
STORM MANHOLE	Ⓟ	

SHEET LEGEND
1" = 250'



GENERAL NOTES

1. BOUNDARY AND TOPOGRAPHIC INFORMATION OBTAINED FROM PLANS TITLED "PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY" PREPARED BY LANGAN, DATED JULY 11, 2025.
2. PROPOSED BUILDING FOOTPRINT RECEIVED ELECTRONICALLY FROM TSKP IN OCTOBER 2025.
3. THE SITE IS LOCATED WITHIN ZONE X OF FEMA FIRM MAP 09001C0289F, EFFECTIVE JUNE 18, 2010. ZONE X IS AN AREA OF MINIMAL FLOOD HAZARD WITH NO BASE FLOOD ELEVATIONS.

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TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

DRAWING TITLE

GRADING AND DRAINAGE PLAN I

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.

CG101

SCALE: 1 INCH = 30 FEET

MATCHLINE - CG101

MATCHLINE - CG102

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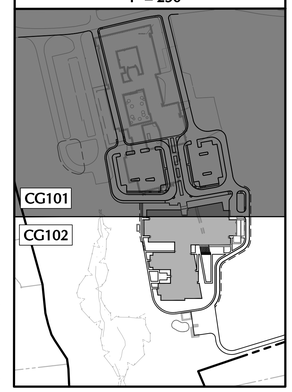
GENERAL NOTES

1. BOUNDARY AND TOPOGRAPHIC INFORMATION OBTAINED FROM PLANS TITLED "PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY" PREPARED BY LANGAN, DATED JULY 11, 2025.
2. PROPOSED BUILDING FOOTPRINT RECEIVED ELECTRONICALLY FROM TSKP IN OCTOBER 2025.
3. THE SITE IS LOCATED WITHIN ZONE X OF FEMA FIRM MAP 09001C0289F, EFFECTIVE JUNE 18, 2010. ZONE X IS AN AREA OF MINIMAL FLOOD HAZARD WITH NO BASE FLOOD ELEVATIONS.

LEGEND

	EXISTING	PROPOSED
PROPERTY LINE		
WETLAND BOUNDARY		
UPLAND REVIEW AREA		
MINOR CONTOUR	149	149
MAJOR CONTOUR	150	150
SPOT GRADE	×150.1	×150.1
STORM LINE		
CATCH BASIN		
YARD DRAIN		
STORM MANHOLE	Ⓟ	

SHEET LEGEND
1" = 250'



MATCHLINE - CG101

MATCHLINE - CG102

CONNECT ALL ROOF LEADERS TO NEAREST STORM STRUCTURE OR NEAREST DRAINAGE PIPE AT MINIMUM 0.5% SEE PLUMBING PLANS BY OTHERS FOR ALL DOWNSPOUT LOCATIONS. INSERT A TEE TO BE USED FOR ALL PIPE CONNECTIONS (TYP.)

FFE: 391.0

FFE: 377.0

106 LF 12" RCP @ 1.52%

70 LF 12" HDPE @ 0.87%

3:1 SLOPE

44 LF 12" HDPE @ 0.92%

YD-303
GR: 376.40
INV. IN (12" E): 374.13
INV. OUT: 373.30

42 LF 12" HDPE @ 2.11%

YD-304
GR: 376.40
INV. OUT: 375.01

25 LF 12" HDPE @ 0.50%

FES-300
GR: 374.12
INV. IN (12" NE): 372.93

PREFORMED SCOUR HOLE

83 LF 12" HDPE @ 0.50%

YD-302
GR: 376.00
INV. IN (12" E): 372.90
INV. OUT: 372.80

35 LF 12" HDPE @ 1.15%

YD-301
GR: 375.50
INV. IN (12" S): 371.33
INV. IN (12" NE): 372.40
INV. OUT: 373.05

YD-305
GR: 374.90
INV. IN (12" E): 371.85
INV. OUT: 371.75

30 LF 12" HDPE @ 0.50%

YD-306
GR: 375.10
INV. OUT: 372.00

YD-418
GR: 376.20
INV. OUT: 373.77

34 LF 12" HDPE @ 0.50%

YD-417
GR: 375.60
INV. IN (12" NW): 373.60
INV. OUT: 373.60

29 LF 12" HDPE @ 0.50%

YD-416
GR: 375.50
INV. IN (12" N): 373.46
INV. OUT: 373.46

35 LF 12" HDPE @ 0.50%

YD-415
GR: 376.30
INV. IN (12" N): 373.28
INV. OUT: 373.28

51 LF 12" HDPE @ 0.50%

YD-414
GR: 376.50
INV. IN (12" N): 373.03
INV. OUT: 373.02

63 LF 12" HDPE @ 0.50%

YD-413
GR: 376.30
INV. IN (12" N): 372.71
INV. OUT: 372.71

48 LF 12" HDPE @ 0.50%

51 LF 15" HDPE @ 0.50%

ROOF DRAIN INV.: 372.33
SEE MEP PLANS.

30 LF 15" HDPE @ 0.50%

YD-419
GR: 376.10
INV. IN (12" W): 373.10
INV. IN (15" N): 372.18
INV. OUT: 372.18

84 LF 12" HDPE @ 1.00%

YD-420
GR: 376.10
INV. OUT: 373.94

17 LF 12" HDPE @ 1.38%

CCB-409
GR: 389.40
INV. IN (12" N): 385.40
INV. OUT: 385.30

77 LF 12" HDPE @ 0.50%

CCB-408
GR: 389.16
INV. IN (12" N): 384.92
INV. OUT: 384.82

40 LF 12" HDPE @ 0.50%

33 LF 15" HDPE @ 2.00%

ROOF DRAIN INV.: 385.58
SEE MEP PLANS.

89 LF 15" HDPE @ 2.00%

17 LF 15" HDPE @ 1.74%

CCB-407
GR: 388.00
INV. IN (15" NW): 384.62
INV. IN (12" NE): 384.62
INV. OUT: 384.62

CCB-406
GR: 386.98
INV. IN (15" NE): 382.85
INV. OUT: 382.84

48 LF 15" HDPE @ 2.84%

CCB-405
GR: 385.28
INV. IN (15" NE): 381.48
INV. OUT: 381.48

92 LF 15" HDPE @ 4.74%

CCB-404
GR: 380.93
INV. IN (15" N): 377.12
INV. OUT: 377.12

50 LF 15" HDPE @ 3.84%

CCB-403
GR: 376.62
INV. IN (15" N): 375.20
INV. OUT: 375.20

42 LF 18" HDPE @ 1.00%

MH-402
GR: 377.72
INV. IN (18" NE): 374.79
INV. IN (12" N): 372.47
INV. IN (15" W): 371.93
INV. OUT: 371.93

59 LF 18" HDPE @ 0.50%

WQU-401
GR: 376.18
INV. IN (18" N): 371.63
INV. OUT: 371.63

60 LF 18" HDPE @ 0.55%

RIPRAP SPLASH PAD

LEVEL SPREADER CURB PIECE

RIPRAP EMERGENCY SPILLWAY

FES-400
INV. (18"): 371.30

WOODED AREA

GRASS

GRAVEL

BASEBALL FIELD

BENCH

BIT WALK

CONC. BLOCK WALL

EXISTING BUILDING

CATCH BASIN

MANHOLE

GATE

30 0 15 30
SCALE: 1 INCH = 30 FEET

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Hartford, CT 06106
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ARCHITECTURE | PLANNING | INTERIORS

TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

PROJECT NORTH

DRAWING TITLE

GRADING AND DRAINAGE PLAN II

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.

CG102

9/2/2025 4:30:02 PM Autodesk Docs://Trumbull Hillcrest Middle School/250501-Trumbull Hillcrest MS-Arch_BIM360-R26.rvt

ADD/ALTERNATE:
MILL AND OVERLAY, RESTRIPE

ADD/ALTERNATE:
NATURAL GRASS ATHLETIC FIELD
UNDERDRAINAGE.
1—2" X 6" PERFORATED
UNDERDRAINAGE PIPE PLACED 20 FEET
ON CENTER AND 12" HDPE COLLECTOR
PIPE AROUND FIELD PERIMETER.

ADD/ALTERNATE:
ADDITIONAL ATHLETIC FIELD

ADD/ALTERNATE:
44 ADDITIONAL
PARKING SPACES

111 LF 15" HDPE @ 0.56%
53 LF 12" HDPE @ MIN 1.0%

95 LF 15" HDPE @ 0.50%
CLCB-207A
GR: 393.50
INV. IN (15" E): 389.97
INV. OUT: 389.97

111 LF 15" HDPE @ 0.50%
CLCB-208A
GR: 393.50
INV. IN (15" E): 390.45
INV. OUT: 390.45

EXISTING BUILDING

UNABLE TO FIND OUTLET

MATCHLINE - CG101

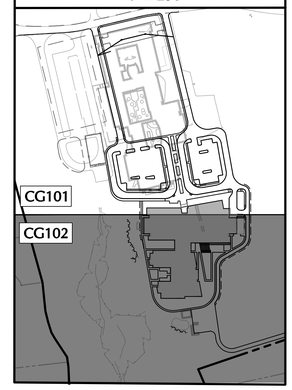
MATCHLINE - CG102

30 0 15 30
SCALE: 1 INCH = 30 FEET

LEGEND

	EXISTING	PROPOSED
PROPERTY LINE		
WETLAND BOUNDARY		
UPLAND REVIEW AREA		
MINOR CONTOUR	149	149
MAJOR CONTOUR	150	150
SPOT GRADE	×150.1	×150.1
STORM LINE		
CATCH BASIN		
YARD DRAIN		
STORM MANHOLE		

SHEET LEGEND
1" = 250'



GENERAL NOTES

1. BOUNDARY AND TOPOGRAPHIC INFORMATION OBTAINED FROM PLANS TITLED "PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY" PREPARED BY LANGAN, DATED JULY 11, 2025.
2. PROPOSED BUILDING FOOTPRINT RECEIVED ELECTRONICALLY FROM TSKP IN OCTOBER 2025.
3. THE SITE IS LOCATED WITHIN ZONE X OF FEMA FIRM MAP 09001C0289F, EFFECTIVE JUNE 18, 2010. ZONE X IS AN AREA OF MINIMAL FLOOD HAZARD WITH NO BASE FLOOD ELEVATIONS.

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ARCHITECTURE | PLANNING | INTERIORS

STATE OF CONNECTICUT
CHRISTOPHER P. GRADY
PENGINEER

TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

PROJECT NORTH

DRAWING TITLE

GRADING □
DRAINAGE PLAN -
ALTERNATES

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.

CG201

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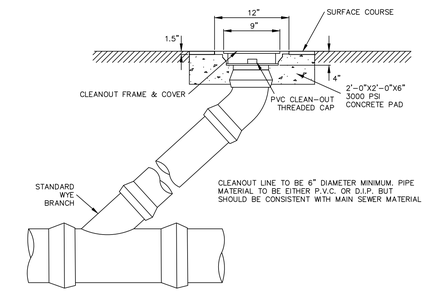
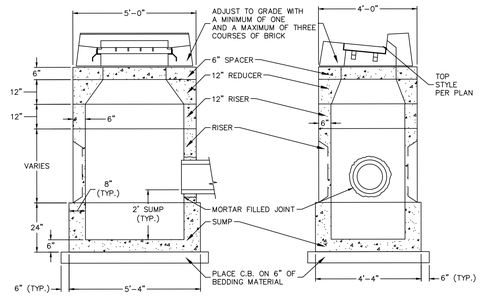


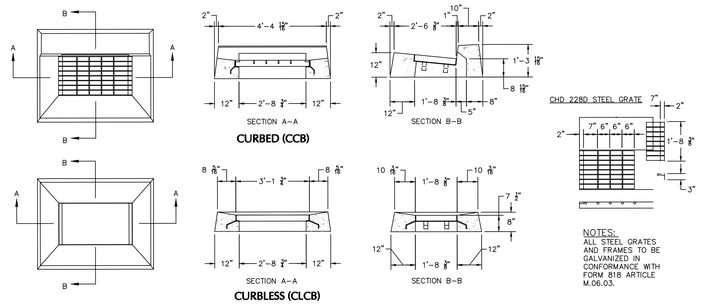
NOTES:
1. THE CONTRACTOR SHALL PROVIDE ALL APPROPRIATE AND NECESSARY FITTING AND ADAPTORS.

1 STORM CLEANOUT
N.T.S

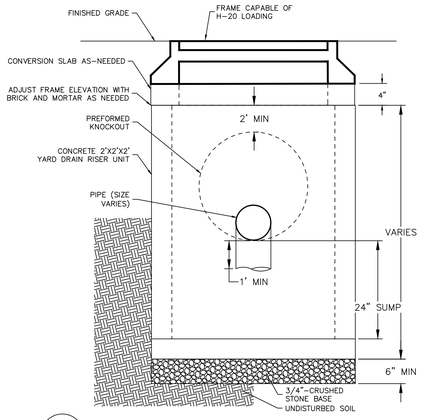


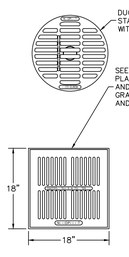
NOTES:
ALL CATCH BASIN COMPONENTS TO BE PRE-CAST REINFORCED CONCRETE, ABLE TO WITHSTAND THE APPLIED EARTH LOADS WITH AN HS-20 TRUCK LOAD. ALL JOINTS TO BE MORTARED. CATCH BASIN SHALL CONFORM TO ASTM C478.

2 CATCH BASIN
N.T.S

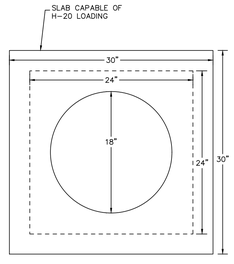


3 CATCH BASIN TOP
N.T.S





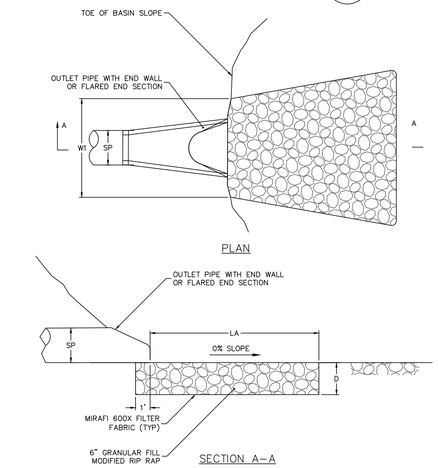
GRATE PLAN VIEW



CONVERSION SLAB PLAN VIEW

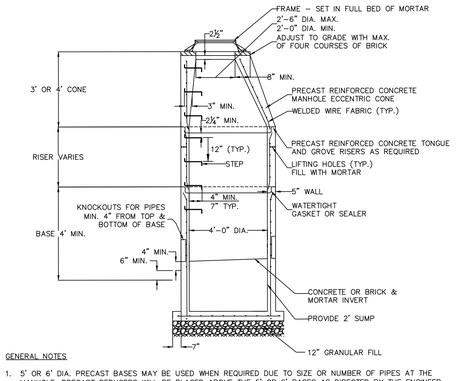
NOTES:
1. GRATES SHALL BE ROUND IN LAWN/FIELD AREAS AND SQUARE IN HARDSCAPE AREAS.
2. NEENAH ADA COMPLIANT TYPE "Q" GRATES OR APPROVED EQUAL (MAXIMUM SLOT OPENING 1/2" MAX.) SHALL BE USED IN ALL ADA ACCESSIBLE AREAS AND WHERE SPECIFIED. CONTRACTOR TO CONFIRM WHETHER OR NOT A GRATE IS LOCATED WITHIN AN ACCESSIBLE ROUTE.
3. GRATES SHALL BE CAPABLE OF H20 LOADING.
4. ALL INLET GRADES TO BE ADA COMPLIANT.

4 YARD DRAIN
N.T.S



NOTES:
1. SEE GRADING AND DRAINAGE PLAN FOR SIZES/DIMENSIONS
2. MATERIALS AND SIZE OF OUTLET PROTECTION TO BE CONSISTENT WITH REQUIREMENTS OF CONNDOT DRAINAGE MANUAL SECTION 11.13 – OUTLET PROTECTION.

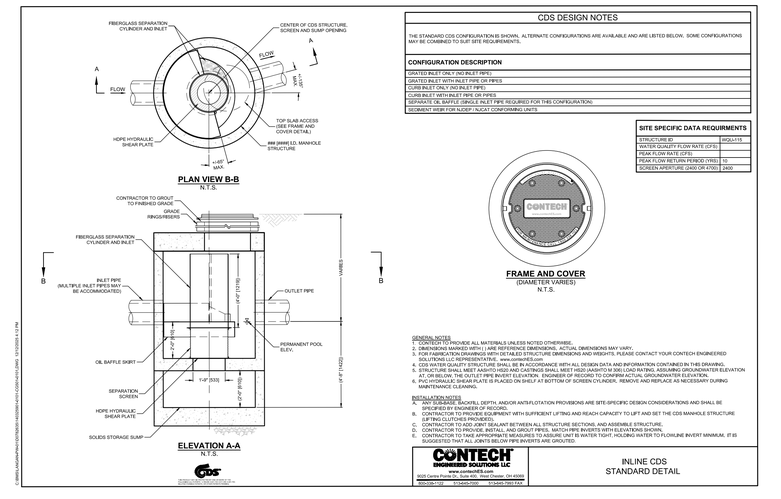
5 RIPRAP APRON WITH FLARED END SECTION
N.T.S.



GENERAL NOTES

1. 5' OR 6' DIA. PRECAST BASES MAY BE USED WHEN REQUIRED DUE TO SIZE OR NUMBER OF PIPES AT THE MANHOLE. PRECAST REDUCERS WILL BE PLACED ABOVE THE 5' OR 6' BASES AS DIRECTED BY THE ENGINEER. WALL THICKNESS TO INCREASE 1" FOR EACH 1' OF INSIDE DIAMETER INCREASE. MINIMUM 6" WALL DIMENSION SHOULD BE PROVIDED BETWEEN ALL PIPES.
2. FRAME DIAMETER OF 3'-3" WITH 4" FLANGE MUST BE USED WHEN THE TOP DIA. OF THE PRECAST CONE IS LESS THAN 3'-6". ALL OTHER FRAME DIMENSIONS ARE TO REMAIN THE SAME.
3. MINIMUM CONCRETE COMPRESSIVE STRENGTH OF $F'c$ = 4000 PSI SHALL BE OBTAINED PRIOR TO SHIPPING.

6 MANHOLE
N.T.S



FRAME AND COVER
(DIAMETER VARIES)
N.T.S.

CDS DESIGN NOTES

THE STANDARD CDS CONFIGURATION IS SHOWN. ALTERNATE CONFIGURATIONS ARE AVAILABLE AND ARE LISTED BELOW. SOME CONFIGURATIONS MAY BE COMBINED TO SUIT SITE REQUIREMENTS.

CONFIGURATION DESCRIPTION
GRATED INLET ONLY (NO INLET PIPE)
GRATED INLET WITH INLET PIPE OR PIPES
CURB INLET ONLY (NO INLET PIPE)
CURB INLET WITH INLET PIPE OR PIPES
SEPARATE OIL BAFFLE (SINGLE INLET PIPE REQUIRED FOR THIS CONFIGURATION)
SEDIMENT WEIR FOR NJDEP / NJCAT CONFORMING UNITS

SITE SPECIFIC DATA REQUIRMENTS	
STRUCTURE ID	#SQU.115
WATER QUALITY FLOW RATE (CFS)	
PEAK FLOW RATE (CFS)	
PEAK FLOW RETURN PERIOD (YRS)	10
SCREEN APERTURE (2400 OR 4700)	2400

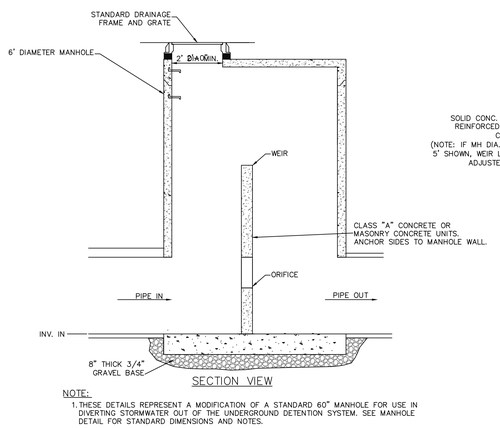
GENERAL NOTES
1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. DIMENSIONS MARKED WITH ( ) ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
3. CDS UNITS ARE PRECAST OR CAST-IN-PLACE CONCRETE STRUCTURE DIMENSIONS AND WEIGHTS. PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE, www.conteches.com.
4. CDS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
5. STRUCTURE SHALL MEET AASHTO H20 AND CASTINGS SHALL MEET H20 (AASHTO M 306) LOAD RATING, ASSUMING GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION.
6. ALL STEEL IN THE CDS SEDIMENT PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEANING.

INSTALLATION NOTES
A. CONTRACTOR TO VERIFY LOCATION, DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE (LIFTING CLUTCHES PROVIDED).
C. CONTRACTOR TO PROVIDE JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS, AND ASSEMBLE STRUCTURE.
D. CONTRACTOR TO ADD GAP, INSTALL, AND GROUT PIPES. MATCH PIPE INVERTS WITH ELEVATIONS SHOWN.
E. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

CONTECH ENGINEERED SOLUTIONS LLC
www.conteches.com
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800.338.1122 513.645.7000 513.645.7993 FAX

INLINE CDS
STANDARD DETAIL

7 WATER QUALITY UNIT (OR APPROVED EQUAL)
N.T.S



NOTE:
1. THESE DETAILS REPRESENT A MODIFICATION OF A STANDARD 60" MANHOLE FOR USE IN DIVERTING STORMWATER OUT OF THE UNDERGROUND DETENTION SYSTEM. SEE MANHOLE DETAIL FOR STANDARD DIMENSIONS AND NOTES.

8 OUTLET CONTROL STRUCTURE
N.T.S.

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CHRISTOPHER T. CHADWICK — 29 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CONNECTICUT

TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN — PROJECT NORTH

DRAWING TITLE

GRADING AND DRAINAGE DETAILS I

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.

CG501

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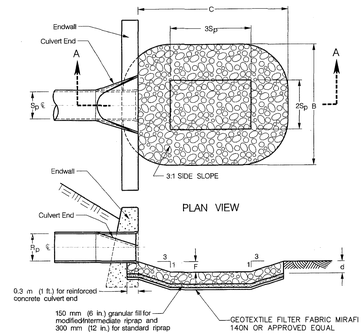
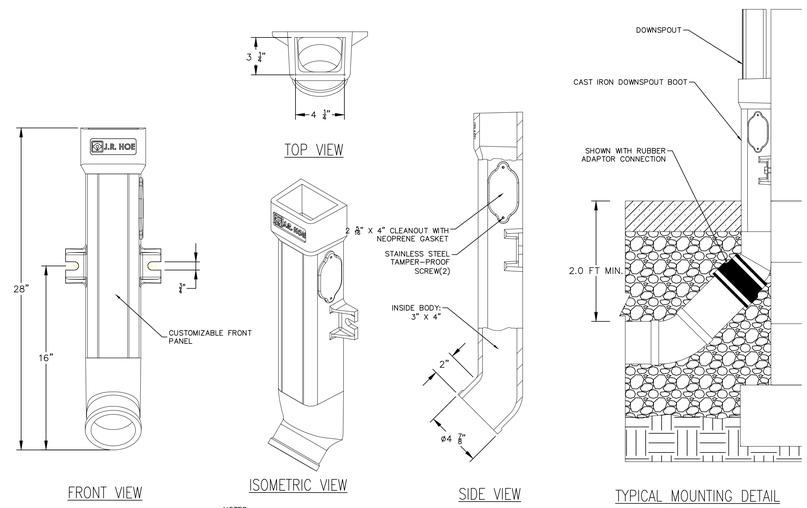


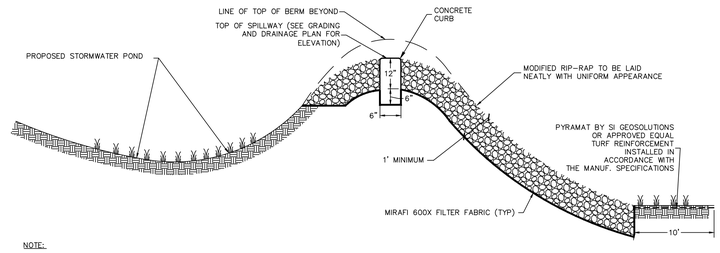
NOTES:
1. SEE GRADING AND DRAINAGE PLAN FOR SIZES/DIMENSIONS
2. MATERIALS AND SIZE OF OUTLET PROTECTION TO BE CONSISTENT WITH REQUIREMENTS OF CONNDOT DRAINAGE MANUAL SECTION 11.13 – OUTLET PROTECTION.

1 PREFORMED SCOUR HOLE
N.T.S.



NOTES:
1. COORDINATE COLOR WITH ARCHITECT AND BUILDING FINISHES.
2. CONTRACTOR TO COORDINATE ROOF LEADER BOOT ATTACHMENT WITH THE ROUND CONCRETE PIER.
3. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO INSTALLATION. COORDINATE WITH ARCHITECT.

2 ROOF LEADER BOOT WITH CLEANOUT (OR APPROVED EQUAL)
N.T.S



NOTE:
1. RIP–RAP SHALL HAVE D_{50} OR 6 INCHES.
2. FILTER FABRIC AND RIP RAP TO EXTEND UP TO TOP ELEVATION OF BERM, ENSURING THAT UNDER FULL FLOW CONDITIONS, THE ENTIRE SPILLWAY PERIMETER IS ARMORED WITH RIP RAP AND FILTER FABRIC
3. FOR LOCATION AND SIZE OF PROPOSED SPILLWAY, SEE GRADING AND DRAINAGE PLAN

3 EMERGENCY SPILLWAY
N.T.S.

NOTES:
1. ALL BACKFILL SPECIFICATIONS TO CONFORM TO GEOTECHNICAL ENGINEER REQUIREMENTS AND MANUFACTURER'S RECOMMENDATIONS.

4 STORM PIPE BEDDING
N.T.S

NOTE:
1. RIP–RAP SHALL HAVE D_{50} OR 6 INCHES.
2. FILTER FABRIC AND RIP RAP TO EXTEND UP TO TOP ELEVATION OF POND, ENSURING THAT UNDER FULL FLOW CONDITIONS, THE ENTIRE PERIMETER IS ARMORED WITH RIP RAP AND FILTER FABRIC

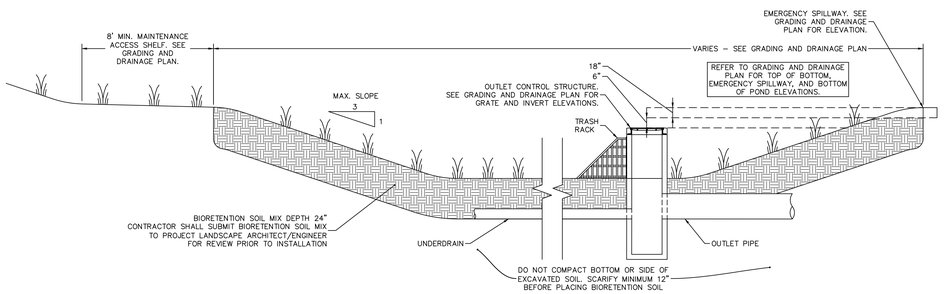
5 LEVEL SPREADER CURB PIECE
N.T.S.

6 TRENCH DRAIN IN LOADING DOCK
N.T.S.

7 UNDERDRAIN
N.T.S.

NOTES:
1. SEE GRADING AND DRAINAGE PLANS FOR INVERT AND ELEVATION DETAILS FOR EACH OUTLET CONTROL STRUCTURE.

8 OUTLET CONTROL STRUCTURE
N.T.S.



ENGINEERED BIORETENTION SOIL MEDIA SPECIFICATIONS:

1. BIORETENTION SOIL MIX IS TO BE USED IN ALL DETENTION BASINS AND RAIN GARDENS.
2. THE ENGINEERED BIORETENTION SOIL MEDIA SHOULD BE A HOMOGENEOUS SOIL MIX OF (BY VOLUME):
   60–85% SAND
   15–25% TOPSOIL
   3–8% ORGANIC MATTER
3. SAND SHOULD BE WASHED CONCRETE SAND (ASTM C33 OR AASHTO M–6) OR COARSE WASHED SAND THAT MEETS THE GRADATION SCHEDULE AS SHOWN IN STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, SECTION M.01 (AGGREGATES), TABLE M.01.04–1 FOR FINE AGGREGATE GRADATIONS.
4. TOPSOIL SHOULD CONTAIN 5–20% ORGANIC MATERIAL, HAVE A PH RANGE OF 5.5 TO 7.0, AND BE A SANDY LOAM, LOAMY SAND, OR LOAM PER USDA SOIL TEXTURE WITH LESS THAN 5% CLAY CONTENT. TOPSOIL THAT MEETS THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, SECTION M.13.01 (ROADSIDE DEVELOPMENT) FOR TOPSOIL MAY ALSO BE USED, EXCEPT IT SHOULD CONTAIN LESS THAN 5% CLAY CONTENT.
5. ORGANIC MATTER SHOULD CONSIST OF ONE OF THE FOLLOWING MATERIALS
   5.1. SPHAGNUM PEAT: PARTIALLY DECOMPOSED SPHAGNUM PEAT MOSS, FINELY DIVIDED OR OF GRANULAR TEXTURE WITH 100 PERCENT PASSING THROUGH A 1/2– INCH (13–MM) SIEVE, A PH OF 3.4 TO 4.8.
   5.2. WOOD DERIVATIVES: SHREDDED WOOD, WOOD CHIPS, GROUND BARK, OR WOOD WASTE; OF UNIFORM TEXTURE AND FREE OF STONES, STICKS, SOIL, OR TOXIC MATERIALS.
   5.3. COMPOST SHALL NOT BE USED AS ORGANIC MATTER SINCE THE USE OF COMPOST IN BIORETENTION SOIL MEDIA CAN RESULT IN NUTRIENT EXPORT FROM THE SYSTEM.
6. OTHER SOIL AMENDMENTS SUCH AS ZEROVALENT IRON AND/OR PROCESSED DRINKING WATER TREATMENT RESIDUALS (ALUM) MAY BE USED TO FURTHER ENHANCE PHOSPHORUS SORPTION AS SPECIFIED BY THE DESIGNER. PROCESSED DRINKING WATER TREATMENT RESIDUALS SHOULD HAVE A MINIMUM OF 30% SOLIDS. DRINKING WATER TREATMENT RESIDUALS ARE TYPICALLY PROCESSED AND DRIED USING A BELT FILTER PRESS.
7. BIORETENTION SOIL MEDIA SHOULD MEET THE FOLLOWING PARTICLE SIZE DISTRIBUTION ACCORDING TO ASTM D422 (STANDARD TEST METHOD FOR PARTICLE–SIZE ANALYSIS OF SOILS) AS SPECIFIED IN TABLE 13–6.

MEDIA TYPE	SIEVE #	SIZE (INCHES)	SIZE (MM)	% PASSING
COARSE SAND	4	0.187	4.7600	100
MEDIUM SAND	10	0.079	2.00	95
FINE SAND	40	0.017	0.42	10–20
SILT/CLAY	200	0.003	0.075	0–5

8. BIORETENTION SOIL MEDIA SHOULD ALSO MEET THE FOLLOWING SPECIFICATIONS:
   8.1. PH (SOIL REACTION): 5.5 TO 7.5
   8.2. CATION EXCHANGE CAPACITY (CEC): MINIMUM OF 10 MILLIEQUIVALENTS PER 100 GRAMS OF SOIL (MEQ/100 G) AT PH OF 7.0
   8.3. ORGANIC MATTER (PERCENTAGE BY VOLUME): 3% TO 10%
   8.4. TOTAL PHOSPHORUS: <100 MG/KG
9. BIORETENTION SOIL MEDIA SHOULD NOT CONTAIN ANY OF THE FOLLOWING MATERIALS: STONES, CLODS, ROOTS, CLAY LUMPS, AND POCKETS OF COARSE SAND EXCEEDING 0.187 INCHES (4.76 MM) IN ANY DIMENSION; PLANTS, SOD, CONCRETE SLURRY, CONCRETE LAYERS OR CHUNKS, CEMENT, PLASTER, BUILDING DEBRIS, ASPHALT, BRICKS, OILS, GASOLINE, DIESEL FUEL, PAINT THINNER, TURPENTINE, TAR, ROOFING COMPOUND, ACID, SOLID WASTE, AND ANY OTHER EXTRANEOUS MATERIALS THAT ARE HARMFUL TO PLANT GROWTH.

9 DETENTION BASIN SECTION
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TRUMBULL HILLCREST MIDDLE SCHOOL
530 Daniels Farm Road, Trumbull, CT 06611

Project Status
KEY PLAN

DRAWING TITLE
GRADING AND DRAINAGE DETAILS II

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.
CG502

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UTILITY NOTES

GENERAL:

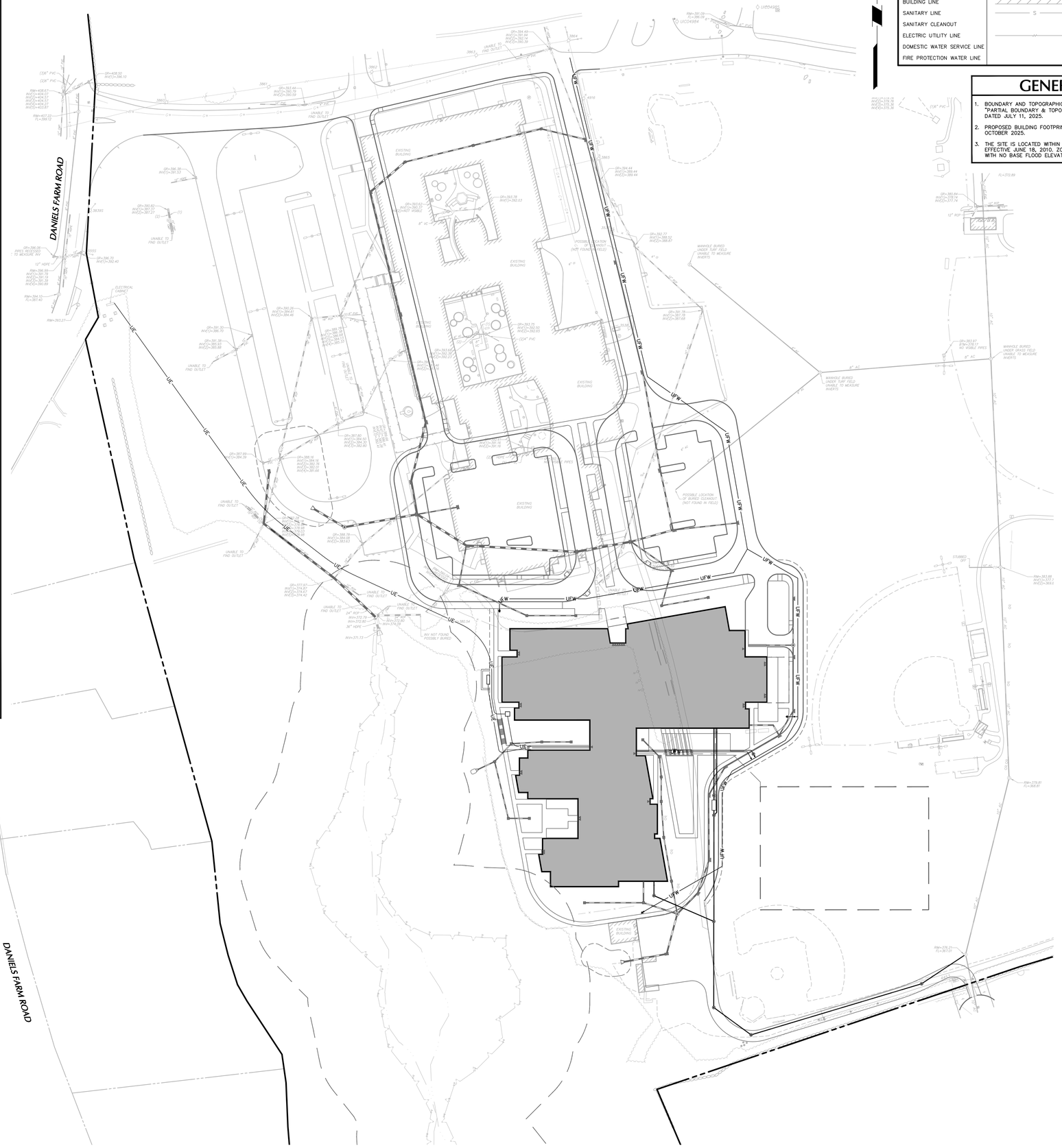
1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS IN A MANNER WHICH WILL NOT NEGATIVELY AFFECT ANY EXISTING USERS OF THESE UTILITIES.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS (WATER, SEWER, GAS, ELECTRIC, TELEPHONE AND CABLE), INVERTS AND CONDITIONS PRIOR TO CONSTRUCTION. ANY CONDITIONS FOUND TO SUBSTANTIALLY DIFFER FROM THOSE SHOWN ON THE DRAWINGS AND REQUIRING MODIFICATIONS TO THE SITE DESIGN SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE CONSTRUCTION. SUBSTANTIALLY DIFFERING UTILITY CONDITIONS THAT ARE ENCOUNTERED BY THE CONTRACTOR, THAT REQUIRE MODIFICATION OF SITE DESIGN AND THAT ARE NOT BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO.
3. THE CONTRACTOR SHALL ARRANGE FOR AND COORDINATE WITH THE RESPECTIVE UTILITY PROVIDERS FOR SERVICE INSTALLATIONS AND CONNECTIONS. THE CONTRACTOR SHALL COORDINATE WORK TO BE PERFORMED BY THE VARIOUS UTILITY PROVIDERS AND SHALL PAY ALL FEES FOR CONNECTIONS, DISCONNECTIONS RELOCATIONS, INSPECTIONS, AND DEMOLITION UNLESS OTHERWISE STATED IN THE PROJECT SPECIFICATIONS MANUAL AND/OR GENERAL CONDITIONS OF THE CONTRACT.
4. ALL UNDERGROUND UTILITIES MUST BE CLEARLY & PERMANENTLY MARKED WITH UNDERGROUND MARKING TAPE AND AS REQUIRED BY THE APPROPRIATE UTILITY COMPANY.
5. BUILDING UTILITY PENETRATIONS AND LOCATIONS ARE SHOWN FOR THE CONTRACTOR'S INFORMATION. CONTRACTOR SHALL REFER TO ARCHITECTURAL AND MEP PLANS AND SPECIFICATIONS FOR ACTUAL LOCATIONS OF ALL UTILITY ENTRANCES TO INCLUDE SANITARY SEWER LATERALS, DOMESTIC AND FIRE PROTECTON WATER SERVICE, ELECTRICAL, TELEPHONE AND GAS SERVICE, ROOF DRAINS, AND ALL OTHER UTILITIES.
6. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND TO ENSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH THE REGULATORY AGENCY AS TO LOCATION OF AND SCHEDULING OF CONNECTIONS TO THEIR FACILITIES.
7. ALL MANHOLE COVERS, GRATES, RIMS, AND UTILITY STRUCTURES TO REMAIN SHALL BE ADJUSTED TO PROPOSED ELEVATION.
8. CONTRACTOR TO PROVIDE ALL FITTINGS AND BENDS NECESSARY TO ACCOMPLISH WORK.
9. A MINIMUM EIGHTEEN (18) INCHES VERTICAL CLEARANCE BETWEEN WATER, GAS, ELECTRICAL, AND TELEPHONE LINES AND STORM PIPING SHALL BE PROVIDED.
10. UTILITY CONNECTION DESIGN AS REFLECTED ON THE PLAN MAY CHANGE SUBJECT TO UTILITY PROVIDER AND GOVERNING AUTHORITY STAFF REVIEW.
11. ALL EXISTING PAVEMENT WHERE UTILITY PIPING IS TO BE INSTALLED SHALL BE SAW CUT. AFTER UTILITY INSTALLATION IS COMPLETED, THE CONTRACTOR SHALL INSTALL PERMANENT PAVEMENT REPAIR AS DETAILED ON THE DRAWINGS OR AS REQUIRED BY THE OWNER HAVING JURISDICTION. IN THE EVENT THAT PAVEMENT REPAIR CANNOT BE PROVIDED DUE TO WEATHER CONDITIONS, PROVIDE TEMPORARY PAVEMENT REPAIR UNTIL PERMANENT REPAIR CAN BE PROVIDED.
12. ALL UTILITY LINES SHALL BE INSPECTED AND APPROVED PRIOR TO PLACEMENT OF BACKFILL. INSPECTION SHALL OCCUR ONLY WHEN THE LINES ARE FULLY BEDDED IN THE SPECIFIED MATERIAL AND AFTER ANY APPLICABLE TESTS ARE SUCCESSFULLY COMPLETED. INSPECTIONS SHALL BE PERFORMED BY THE APPLICABLE UTILITY PROVIDER, THE AHJ, AND/OR THE OWNER'S SPECIAL INSPECTOR. IF APPLICABLE, BACKFILLING SHALL BE MONITORED AND TESTED BY THE OWNER'S SPECIAL INSPECTOR.
13. SITE CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND CABLES FOR SITE LIGHTING WITH THE BUILDING ELECTRICAL CONTRACTOR.
14. THE CONTRACTOR SHALL ARRANGE AND COORDINATE WITH UTILITY PROVIDERS FOR WORK TO BE PERFORMED BY UTILITY PROVIDERS. THE CONTRACTOR SHALL PAY ALL UTILITY FEES UNLESS OTHERWISE STATED IN THE PROJECT SPECIFICATION MANUAL AND GENERAL CONDITIONS, AND REPAIR PAVEMENTS AS NECESSARY.
15. ALTERNATIVE METHODS AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED IF REVIEWED AND APPROVED BY THE OWNER, ENGINEER, AND APPROPRIATE REGULATORY AGENCIES PRIOR TO INSTALLATION.
16. THE CONTRACTOR SHALL MAINTAIN ALL FLOWS AND UTILITY CONNECTIONS TO EXISTING BUILDINGS WITHOUT INTERRUPTION UNLESS/UNTIL AUTHORIZED TO DISCONNECT BY THE OWNERS, THE CIVIL ENGINEER, UTILITY PROVIDERS AND GOVERNING AUTHORITIES.
17. ALL REQUIRED UTILITIES SERVING THE BUILDINGS SHALL BE COORDINATED AND CONSTRUCTED TO WITHIN FIVE FEET OF BUILDING UTILITY ENTRANCE LOCATION AT THE INVERTS NOTED. ALL REQUIRED CONNECTION FEES SHALL BE PAID BY THE BUILDING CONTRACTOR. ANY NECESSARY EXTENSIONS, RELOCATIONS, OR CORRECTIONS WITHIN FIVE FEET OF THE BUILDING NECESSARY TO COMPLETE CONNECTION OF UTILITIES TO THE BUILDINGS SHALL BE MADE BY THE BUILDING CONTRACTOR.
18. ALL ON-SITE UTILITIES SHALL BE UNDERGROUND, WHERE APPLICABLE.
19. CONTRACTOR IS REQUIRED TO DIGITALLY PHOTOGRAPH 75% OF THE UTILITIES INSTALLED.

ELECTRIC, TELEPHONE, & GAS:

1. THE LOCATIONS OF EXISTING GAS MAINS ARE APPROXIMATE. THE CONTRACTOR MUST CONSULT THE LOCAL UTILITY COMPANIES FOR ADDITIONAL INFORMATION. ALL PROPOSED GAS WORK AND OTHER ASSOCIATED APPURTENANCES WILL BE IN CONFORMANCE WITH APPLICABLE LOCAL COUNTY, STATE AND FEDERAL GUIDELINES AND REQUIREMENTS.
2. THE LOCATION OF EXISTING ELECTRIC LINES ARE APPROXIMATE. THE CONTRACTOR MUST CONSULT THE LOCAL UTILITY COMPANIES FOR ADDITIONAL INFORMATION. ALL PROPOSED ELECTRICAL WORK, TRANSFORMER PADS, AND ASSOCIATED APPURTENANCES WILL BE IN CONFORMANCE WITH APPLICABLE LOCAL, COUNTY, STATE AND FEDERAL GUIDELINES AND REQUIREMENTS.
3. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 30 INCHES OF COVER FOR ALL UNDERGROUND GAS UTILITIES OR AS REQUIRED BY THE UTILITY COMPANY, WHICHEVER IS MORE RESTRICTIVE.
4. ALL DETAILS OF ELECTRIC, GAS, & TELEPHONE UTILITY SERVICE SHALL BE APPROVED BY THE APPLICABLE UTILITY COMPANY AND INSTALLED TO THEIR REQUIREMENTS.
5. ELECTRICAL DUCT BANK SHALL RUN BELOW GAS LINES. A MINIMUM SEPARATION OF 3' AND 6" FOAM GLASS INSULATION (4' IN BOTH DIRECTIONS) IS REQUIRED WHERE THE DUCT BANK CROSSES HIGH TEMPERATURE WATER LINES.

WATER & SANITARY:

1. SEWER AND WATER SERVICES TO THE EXISTING BUILDINGS SHALL REMAIN CONTINUOUS THROUGHOUT CONSTRUCTION. THESE BUILDINGS WILL BE OCCUPIED THROUGHOUT CONSTRUCTION.
2. THE CONTRACTOR MUST VERIFY THE LOCATION, SIZE, AND SERVICEABILITY OF THE EXISTING WATER AND SANITARY SEWER MAINS PRIOR TO BEGINNING ANY SITE OR BUILDING CONSTRUCTION.
3. ALL WATER MAIN PIPING SHALL BE CLASS 54 DUCTILE IRON PIPE.
4. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 4 FEET OF COVER FOR ALL WATER DISTRIBUTION PIPING.
5. THRUST BLOCKS SHALL BE PROVIDED ALONG WATER AND FORCE MAIN LINES 6" IN DIAMETER OR LARGER AT ALL TEES, ELBOWS AND PLUGS.
6. ALL NEW WATER LINES SHALL BE PRESSURE TESTED AND LEAKAGE TESTED IN ACCORDANCE WITH THE LATEST EDITION OF AWWA STANDARD C600, OR THE REGIONAL WATER AUTHORITY REQUIREMENTS, WHICHEVER IS MORE RESTRICTIVE.
7. ALL NEW WATER MAINS SHALL BE DISINFECTED AND TESTED IN ACCORDANCE WITH AWWA STANDARD C651 AND LOCAL PROVIDER REQUIREMENTS.
8. ALL SANITARY SEWER PIPE TO BE SDR 35 PVC PIPE UNLESS OTHERWISE NOTED.
9. CONTRACTOR SHALL MAINTAIN 4.5 FEET OF COVER ON ALL SEWER PIPES.
10. WATER MAINS CROSSING SEWERS SHALL BE LAID TO PROVIDE A MINIMUM HORIZONTAL DISTANCE OF 10 FEET AND MINIMUM VERTICAL DISTANCE OF 18-INCHES BETWEEN THE OUTSIDE OF WATER MAIN AND THE OUTSIDE OF SEWER. IN CASES WHERE THE VERTICAL SEPARATION IS LESS THAN 18-INCHES OR AS OTHERWISE SPECIFIED ON THIS DRAWING OR THE PROFILE SHEETS, STORM OR SANITARY SEWER PIPE SHALL BE ENCASED WITH K-KRETE 5-FT MINIMUM IN EACH DIRECTION OF PIPE RUN AND 6-INCHES MINIMUM AROUND THE PIPE DIAMETER. AT ALL CROSSING ONE FULL LENGTH OF WATER PIPE SHALL BE LOCATED SO BOTH JOINTS ARE MAXIMUM DISTANCE FROM SEWER.
11. CONTRACTOR TO PROVIDE NECESSARY MATERIALS TO ENSURE CONTINUOUS SERVICE OF THE FORCE MAIN THROUGHOUT CONSTRUCTION. ITEMS NEEDED INCLUDE BUT ARE NOT LIMITED TO TEMPORARY PUMPS, STORAGE TANKS, AND POWER. IF A SHUTDOWN IS NEEDED, PRIOR COORDINATION AND AUTHORIZATION FROM THE AFFECTED PROPERTIES MUST BE OBTAINED BY THE CONTRACTOR.



60 0 20 40 60
SCALE IN FEET

LEGEND

	EXISTING	PROPOSED
PROPERTY LINE		
BUILDING LINE		
SANITARY LINE	S	
SANITARY CLEANOUT		CO
ELECTRIC UTILITY LINE		UE
DOMESTIC WATER SERVICE LINE		W
FIRE PROTECTION WATER LINE		UFW

GENERAL NOTES

1. BOUNDARY AND TOPOGRAPHIC INFORMATION OBTAINED FROM PLANS TITLED "PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY" PREPARED BY LANGAN, DATED JULY 11, 2025.
2. PROPOSED BUILDING FOOTPRINT RECEIVED ELECTRONICALLY FROM TSKP IN OCTOBER 2025.
3. THE SITE IS LOCATED WITHIN ZONE X OF FEMA FIRM MAP 09001C0289F, EFFECTIVE JUNE 18, 2010. ZONE X IS AN AREA OF MINIMAL FLOOD HAZARD WITH NO BASE FLOOD ELEVATIONS.

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TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

PROJECT NORTH

DRAWING TITLE

OVERALL SITE UTILITY PLAN

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.

CU100

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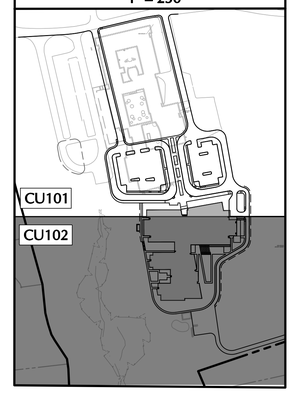
LEGEND

	EXISTING	PROPOSED
PROPERTY LINE		
BUILDING LINE		
SANITARY LINE	S	S
SANITARY CLEANOUT		CO
ELECTRIC UTILITY LINE	UE	UE
DOMESTIC WATER SERVICE LINE	W	W
FIRE PROTECTION WATER LINE	UFW	UFW

SHEET LEGEND
1" = 250'



GENERAL NOTES

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TIE ELECTRIC UTILITY LINE INTO THE EXISTING ELECTRICAL CABINET ON SITE. CONNECTION TO BE COORDINATED WITH THE MEP AND UTILITY PROVIDER.

TIE IN TO EXISTING WATER LINE WITHIN THE ROAD. CONTRACTOR TO CONFIRM EXACT LOCATION OF EXISTING LINES. COORDINATE CONNECTION WITH THE MEP AND UTILITY PROVIDER.

EXISTING UTILITY STRUCTURES AND CONNECTIONS TO BE REMOVED. COORDINATE REMOVAL WITH OWNER AND UTILITY PROVIDERS

6" DIP FIRE PROTECTION WATER SERVICE LINE (TYP.)

UNDERGROUND ELECTRIC UTILITY LINE (TYP.)

GATE VALVE (TYP.)

FIRE HYDRANT

PROPOSED BUILDING

MATCHLINE - CU101

MATCHLINE - CU102

SCALE: 1 INCH = 30 FEET

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TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

DRAWING TITLE

SITE UTILITY PLAN I

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.

CU101

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GENERAL NOTES

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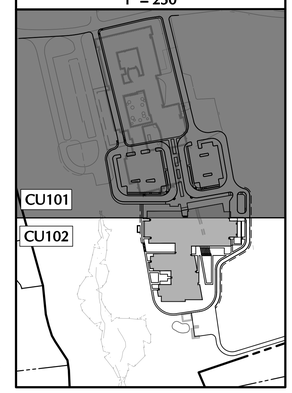
LEGEND

	EXISTING	PROPOSED
PROPERTY LINE		
BUILDING LINE		
SANITARY LINE	S	
SANITARY CLEANOUT		CO
ELECTRIC UTILITY LINE	UE	UE
DOMESTIC WATER SERVICE LINE	W	W
FIRE PROTECTION WATER LINE	UFW	UFW

SHEET LEGEND

1" = 250'



MATCHLINE - CU101

MATCHLINE - CU102

PROPOSED BUILDING
±84,300 SF FOOTPRINT

GENERATOR. SEE MEP PLANS FOR DETAILS

TRANSFORMER. SEE MEP PLANS FOR DETAILS

UNDERGROUND ELECTRIC UTILITY LINE (TYP.)

LOCATION AND INVERT OF ELECTRIC UTILITY CONNECTION TO BE COORDINATED WITH THE MEP

6" PVC SANITARY LINE INV.: 382.08

4" DIP DOMESTIC WATER SERVICE LINE (TYP.)

VENT LINE SHOWN FOR REFERENCE ONLY. SEE MEP PLANS.

92 LF 6" PVC @ MIN 3.5%

SAN MH-6
RIM: 385.50
INV. IN: 378.80
INV. OUT: 378.70

5 LF 6" PVC @ 3.5%

2,000 GALLON GREASE TRAP
INV. IN: 378.53
INV. OUT: 378.28

5 LF 6" PVC @ 3.5%

118 LF 6" PVC @ 3.3%

SAN MH-5
RIM: 384.10
INV. IN (6" N): 378.10
INV. IN (6" NE): 378.10
INV. OUT: 378.00

6" DIP FIRE PROTECTION WATER SERVICE LINE (TYP.)

147 LF 6" PVC @ 4.8%

WATER METER PIT. COORDINATE FINAL SIZE AND LOCATION WITH UTILITY PROVIDER.

GEOTHERMAL SUPPLY PIPING AND EXTENTS OF GEOTHERMAL FIELD SHOWN FOR REFERENCE ONLY. COORDINATE WITH MEP.

107 LF 6" PVC @ 1.1%

6" PVC SANITARY LINE INV.: 372.58

18 LF 6" PVC @ 2.0%

SAN MH-7
RIM: 376.50
INV. IN: 372.22
INV. OUT: 372.12

FIRE HYDRANT (TYP.)

EXISTING BUILDING

SAN MH-4
RIM: 379.00
INV. IN (6" NW): 370.95
INV. IN: (6" N): 370.95
INV. OUT: 370.85

120 LF 8" PVC @ 0.7%

CONNECT TO EXISTING SANITARY MANHOLE

RIM=376.21
FL=367.01

71 LF 8" PVC @ 0.7%

SAN MH-1
RIM: 376.50
INV. IN: 367.61
INV. OUT: 367.51

SAN MH-3
RIM: 375.90
INV. IN: 370.01
INV. OUT: 369.91

62 LF 8" PVC @ 0.7%

SAN MH-2
RIM: 376.60
INV. IN: 369.47
INV. OUT: 369.37

250 LF 8" PVC @ 0.7%

RIM=371.60
FL=364.40

30 0 15 30
SCALE: 1 INCH = 30 FEET

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TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

PROJECT NORTH

DRAWING TITLE

SITE UTILITY PLAN II

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.

CU102

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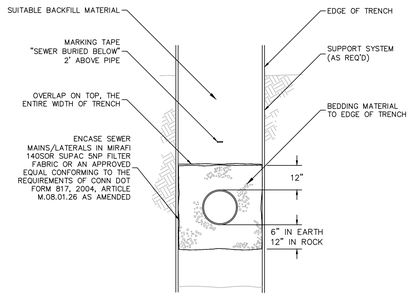
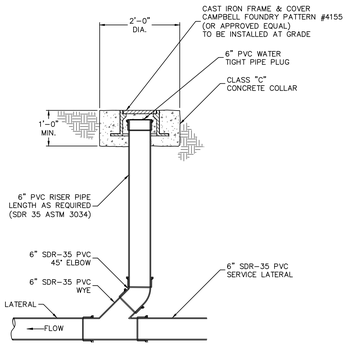
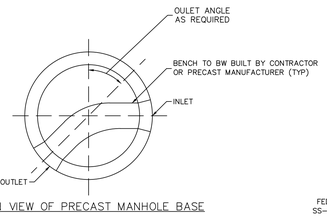


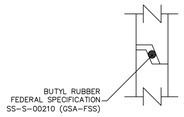
1 SANITARY TRENCH
N.T.S

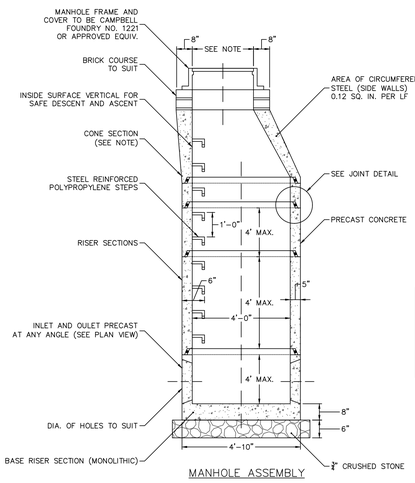


2 SANITARY CLEANOUT
N.T.S.



PLAN VIEW OF PRECAST MANHOLE BASE





MANHOLE ASSEMBLY

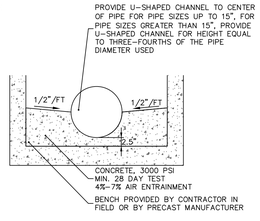
JOINT DETAIL

NOTE:

CONE DIMENSIONS	
DIA. OPENING	HEIGHT
24"	24" OR 36"
30"	36"

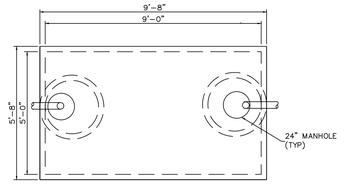
CONCRETE TO TEST 3000 P.S.I. AT 28 DAYS IN CONFORMANCE WITH ASTM C-478-68

MANHOLES SHALL HAVE PAVED INVERTS.

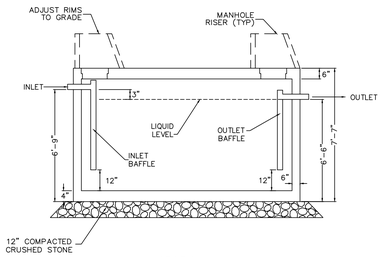


BENCH DETAIL

3 SANITARY MANHOLE
N.T.S.



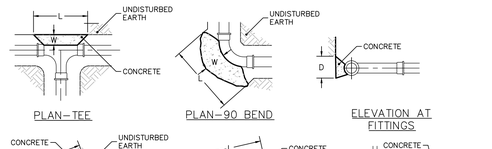
PLAN VIEW



SECTION

NOTES:
1. CONCRETE MINIMUM STRENGTH – 5,000 PSI AT 28 DAYS.
2. STEEL REINFORCEMENT – ASTM A-615 GR.60, A-185, OR A-497, 1" MIN COVER
3. CONSTRUCTION JOINT SEALED WITH BUTYL SEALANT.
4. DESIGN LOADING – AASHTO HS20 – 44.
5. ALL TEES SHALL BE PVC AND FASTENED WITH STAINLESS STEEL HARDWARE.
6. MANHOLE COVERS SHALL BE PLACATED WITH NOTIFICATION AS TO THE DANGER OF ENTERING THE STRUCTURE DUE TO NOXIOUS GASES.
7. OUTER DIMENSIONS SHOWN ARE APPROXIMATE SIZES. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW BY ENGINEER.

4 2,000 GALLON GREASE TRAP
N.T.S

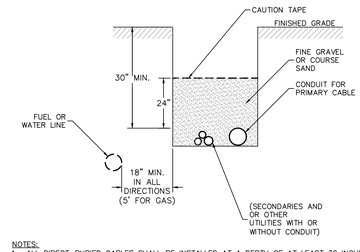


THRUST BLOCK SCHEDULE								
PIPE SIZE	TEE		22 1/2		45		90	
	L	D	L	D	L	D	L	D	W
6"	18"	15"	15"	12"	15"	12"	15"	15"	21"
8"	2'	18"	18"	12"	18"	12"	2'	18"	2'
12"	3'	2'	2'	12"	2'	12"	3'	2'	28"
16"	4'	2.5'	2'	12"	2.33'	15"	4'	2.5'	31"
20"	5.25'	3'	2'	18"	3'	2'	5.25'	3'	33"
24"	7.5'	3'	3'	18"	4'	2.5'	7.5'	3'	3'

BASIS:
2,000 LB/SQ.FT. SOIL RESISTANCE
250 PSI WATER PRESSURE
CORRECTION FACTORS FOR OTHER SOILS:
SOFT CLAY 4
SAND 2
SAND & GRAVEL 1.33
SHALE 0.4

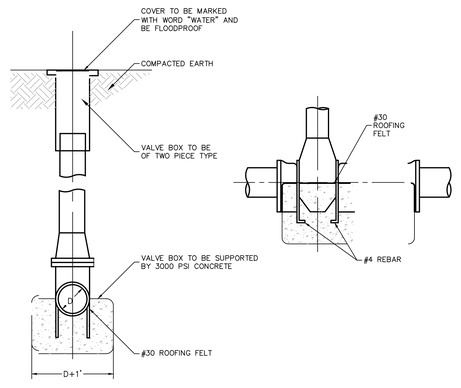
NOTE:
1. IF SOFT MATERIALS ARE ENCOUNTERED, THE THRUST BLOCKS SIZES SHALL BE ADJUSTED ACCORDINGLY.
2. CONCRETE TO BE 3000 PSI.

9 THRUST BLOCKS
N.T.S

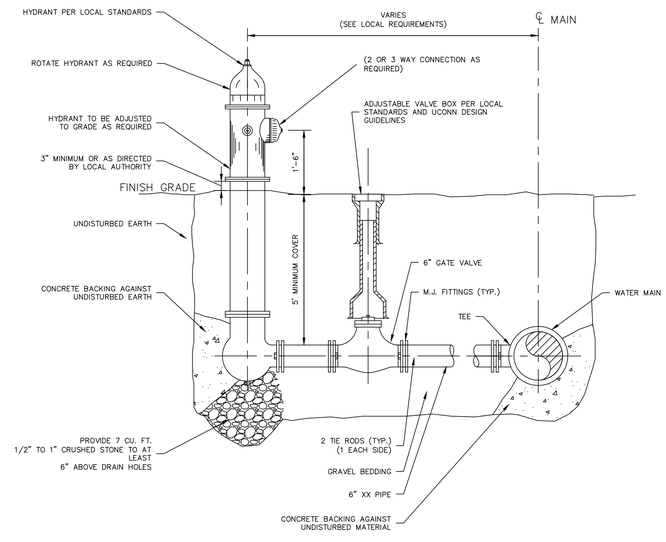


NOTES:
1. ALL DIRECT–BURIED CABLES SHALL BE INSTALLED AT A DEPTH OF AT LEAST 30 INCHES IN THE FOLLOWING ORDER:
   A. ENSURE THAT THE BOTTOM OF THE TRENCH IS WELL–TAMPED AND FREE OF ROCKS.
   B. INSTALL THE CONDUIT, GLUING ALL COUPLINGS.
   C. INSTALL SECONDARIES AND OTHER UTILITY CABLES OR CONDUITS LARGER THAN 2 INCHES IN MAXIMUM DIAMETER.
   D. BACKFILL WITH 12 INCHES CLEAN FILL NOT TO CONTAIN STONES LARGER THAN 2 INCHES IN MAXIMUM DIAMETER.
   E. INSTALL CABLE WARNING TAPE 12 INCHES OVER THE CONDUIT.
   F. FILL IN THE REMAINDER OF THE TRENCH WITH NATIVE BACKFILL.
2. THE TRENCH SHALL BE BACKFILLED IMMEDIATELY FOLLOWING PLACEMENT OF THE CONDUIT.
3. 1/4–INCH NYLON ROPE AND PLASTIC CONDUIT PLUG TO BE SUPPLIED AND INSTALLED BY CONTRACTOR.

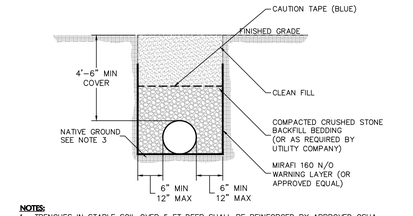
8 ELECTRICAL UTILITY TRENCH
N.T.S



7 GATE VALVE
N.T.S

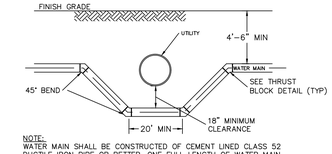


6 FIRE HYDRANT AND VALVE
N.T.S



NOTES:
1. TRENCHES IN STABLE SOIL OVER 5 FT DEEP SHALL BE REINFORCED BY APPROVED OSHA METHODS.
2. TRENCHES SHALL BE COMPACTED.
3. IF NATIVE GROUND IS NOT SUITABLE, THE CONTRACTOR SHALL EXCAVATE TO AN ACCEPTABLE DEPTH AND INSTALL MATERIALS AS APPROVED BY ENGINEERS AND UTILITY COMPANY.
4. THE WARNING LAYER IS NOT REQUIRED IN AREAS OF THE SITE WHERE SOIL IS CLASSIFIED AS REGULATED MATERIAL. WHERE INSTALLED, WARNING LAYER SHALL EXTEND UP THE SIDES OF THE EXCAVATION TO MATCH WITH THE HORIZONTAL LINER.

6 WATER MAIN TRENCH
N.T.S



NOTE:
WATER MAIN SHALL BE CONSTRUCTED OF CEMENT LINED CLASS 52 DUCTILE IRON PIPE OR BETTER. ONE FULL LENGTH OF WATER MAIN SHOULD BE CENTERED UNDER THE CROSS PIPE SO THAT BOTH JOINTS WILL BE AS FAR FROM THE CROSSING AS POSSIBLE.

5 WATER MAIN DROP
N.T.S

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ARCHITECTURE | PLANNING | INTERIORS

TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

DRAWING TITLE

SITE UTILITY DETAILS

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.

CU501

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SOIL EROSION-SEDIMENT CONTROL NOTES

PROPOSED DEVELOPMENT

1. CONSTRUCTION WILL INCLUDE EARTHWORK, CURBING, PAVING, UTILITY INSTALLATION, LANDSCAPING AND BUILDING CONSTRUCTION. ALL DEMOLITION DEBRIS AND SOIL REMOVAL RELATED TO CONSTRUCTION SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL LAWS GOVERNING SUCH ACTIVITIES.
2. THE DETAILED EROSION AND SEDIMENT CONTROL MEASURES ARE SHOWN WITHIN THIS PLANSET. THE PROPOSED MEASURES HAVE BEEN DESIGNED TO PREVENT THE MIGRATION OF SOIL SEDIMENT FROM THE SITE.

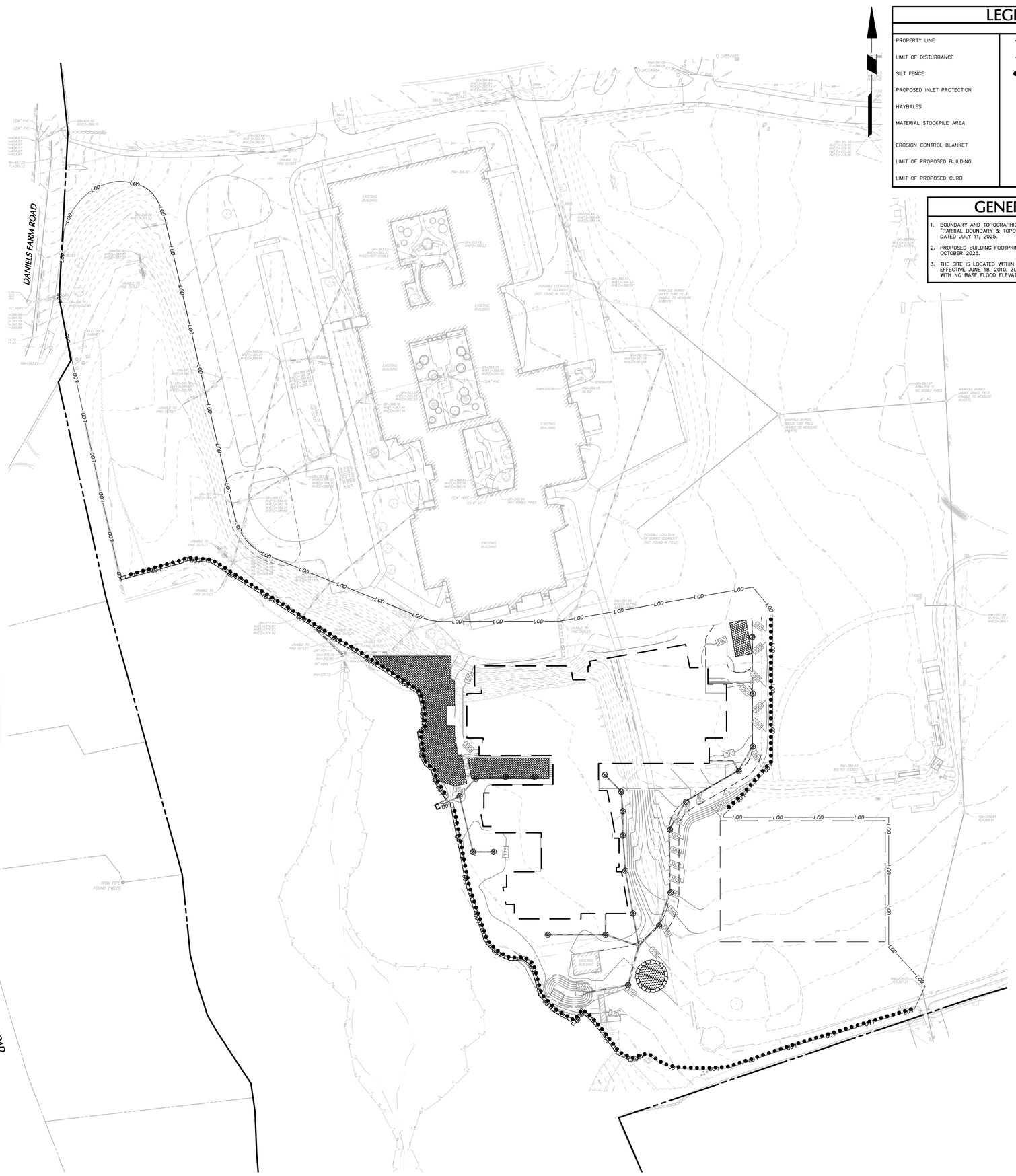
SOIL EROSION AND SEDIMENT CONTROL NOTES

1. THE SOIL AND SEDIMENT CONTROL PRACTICES MUST BE INSTALLED IN ACCORDANCE WITH THE LOCAL GOVERNING AUTHORITY AND THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION AND THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
2. EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED PRIOR TO START OF DEMOLITION AND CONSTRUCTION AND DISTURBANCE OF SITE CONTRIBUTORY DRAINAGE AREAS. THE OWNER OR ITS CONTRACTOR SHALL INSPECT, REPAIR AND REMOVE ALL SEDIMENT AND EROSION CONTROL DEVICES, AS INDICATED HEREIN.
3. DISPOSAL OF COLLECTED SEDIMENT SHALL BE MADE TO AREA DESIGNATED BY THE OWNER'S SOIL ENGINEER.
4. FILTER FABRIC/SILT FENCE WILL BE INSTALLED ALONG THE TOE OF ALL CRITICAL CUT AND FILL SLOPES.
5. 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 LAW. ALL TOPSOIL TO BE USED IN LANDSCAPED AREAS SHALL BE STORED/STOCKPILED IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL LAW STANDARDS.
6. ALL AREAS WITHIN 500 FEET OF AN INHABITED DWELLING SHALL BE WETTED AS NECESSARY TO PROVIDE DUST CONTROL.
7. SEDIMENT DISPOSAL AREAS AND TOPSOIL STOCKPILES NOT SCHEDULED FOR CONSTRUCTION ACTIVITIES WITHIN THIRTY (30) DAYS OF DISTURBANCE SHALL BE STABILIZED AS FOLLOWS:
   A. GROUND LIMESTONE AT A RATE OF 135 LBS. PER 1,000 SF.
   B. FERTILIZER AT A RATE OF 14 LBS. PER 1,000 SF USING A 10–20–10 ANALYSIS OR AN EQUIVALENT.
   C. ANNUAL RYE GRASS SEEDING APPLIED AT A RATE OF NOT LESS THAN 1 LB. PER 1,000 SF.
   D. MULCH ALL NEWLY SEEDED AREAS WITHIN 80 LBS. OF SALT HAY OR SMALL STRAW PER 1,000 SF.
8. BETWEEN OCTOBER 15 AND MARCH 15, WHEN DISTURBED AREAS ARE SCHEDULED FOR IMMEDIATE LANDSCAPING, THEY MAY BE MULCHED AND SEEDED PER ITEM D ABOVE.
9. PAVEMENT BASE COURSE MUST BE PLACED IN ALL NEW ROADWAY AREAS UPON COMPLETION OF FINE GRADING.
10. THE CONTRACTOR IS RESPONSIBLE FOR ALL PAVED ROADWAYS, ON AND OFF–SITE, WHICH MUST BE KEPT FREE OF SITE GENERATED SEDIMENT AT ALL TIMES. DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHOD.
11. SILT FENCES AND BARRIERS MUST BE CLEANED OR REPLACED PERIODICALLY TO REMOVE BUILT–UP SILT.
12. ALL EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSPECTED ON A DAILY BASIS AND CLEANED IMMEDIATELY AFTER EACH STORM.
13. ALL EXPOSED SURFACES WILL BE TREATED WITH TOPSOIL PER THE LANDSCAPE PLANS PRIOR TO FINAL STABILIZATION.
14. PERMANENT VEGETATION IS TO BE SEEDED OR SODDED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING. MULCH AS NECESSARY FOR SEED PROTECTION AND ESTABLISHMENT. LIME AND FERTILIZE PRIOR TO PERMANENT SEEDING.
15. SOIL EROSION AND SEDIMENT CONTROL SHALL INCLUDE, BUT NOT BE LIMITED TO, OMISSIONS, ERRORS, OR FIELD OPERATIONS IMMEDIATELY AND IN ACCORDANCE WITH THE ABOVE MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE TO CORRECT ANY OMISSIONS, ERRORS, OR FIELD OPERATIONS IMMEDIATELY AND IN ACCORDANCE WITH THE GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
16. ANY CONVEYANCE OF THIS PROJECT PRIOR TO ITS COMPLETION WILL TRANSFER FULL RESPONSIBILITY FOR COMPLIANCE WITH THE CERTIFIED PLAN TO ANY SUBSEQUENT OWNERS.
17. PERMANENT
   A. MATERIALS SPECIFICATION: LAWN AREAS.
      a. SOIL
         ANY SOIL HAVING A pH OF 4 OR LESS CONTAINING IRON SULFIDES SHALL BE COVERED WITH A MINIMUM OF TWELVE INCHES OF SOIL HAVING A pH OF FIVE OR MORE PRIOR TO SEED BED PREPARATION.
      b. LIME
         THREE TONS PER ACRE GROUND LIMESTONE INCORPORATED FOUR INCHES INTO SOIL.
      c. FERTILIZER
         500 L.S. PER ACRES 10–20–10 INCORPORATED FOUR INCHES INTO SOIL.
      d. SEED
         DATES 4/15–6/15 AND 9/15–10/15. 30 LBS OF KENTUCKY 31 TALL FESCUE, 30 LBS OF SPREADING FESCUE, 30 LBS OF KENTUCKY BLUEGRASS PER ACRE.
      e. SHADE AREAS
         15 LBS OF SPREADING FESCUE, 15 LBS OF CHEWINGS RED FESCUE, 30 LBS KENTUCKY BLUEGRASS, AND 10 LBS OF PERENNIAL RYE GRASS PER ACRE. MULCH SHOULD BE APPLIED AFTER SEEDING FOR ADDED PROTECTION.
   B. MULCHING SHALL BE DONE AT THE RATE OF SEVENTY TO NINETY POUNDS (70–90 LBS) PER 1,000 SQUARE FEET WITH UNROTTED SALT HAY.
   C. LIQUID MULCH BINDERS MUST BE USED TO ANCHOR SALT HAY, HAY OR STRAY MULCHES.
      a. APPLICATIONS SHOULD BE HEAVIER AT EDGES WHERE WIND CATCHES THE MULCH IN VALLEYS AND AT CREATED BANKS. REMAINDER OF AREA SHOULD BE UNIFORM IN APPEARANCE.
      b. USE ONE OF THE FOLLOWING: SYNTHETIC OR ORGANIC BINDERS, BINDERS SUCH AS CURASOL DCA–70, PETRO SET, TERRA TACH, HYDRO MULCH AND AEROSPRAY MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER OF ANCHOR MULCH MATERIALS. BINDERS CONTAINING PETROLEUM PRODUCTS SHALL NOT BE USED.

      NOTE: ALL NAMES GIVEN ABOVE ARE REGISTERED TRADE NAMES. THIS DOES NOT CONSTITUTE A RECOMMENDATION OF THESE TO THE EXCLUSION OF OTHER PRODUCTS.
   D. FILL MATERIAL SHALL BE FREE FROM DEBRIS, PERISHABLE OR COMBUSTIBLE MATERIAL AND FROZEN OR WET EARTH OR STONES LARGER THAN THREE INCHES IN MAXIMUM DIMENSION.
   E. CONSTRUCTION AREAS SHALL BE PERIODICALLY SPRAYED WITH WATER UNTIL THE SURFACE IS WET TO CONTROL THE GENERATION OF DUST.
   F. ALL REVISIONS AFTER APPROVAL HAS BEEN GRANTED SHALL BE FORWARDED TO THE APPROPRIATE DISTRICT FOR REVIEW.
   G. THE LOCAL GOVERNING AUTHORITY SHALL RECEIVE WRITTEN NOTIFICATION SEVENTY TWO HOURS BEFORE THE START OF ANY CONSTRUCTION.
   H. SEEDED PREPARATION:
      c. TOPSOIL SHOULD BE A MINIMUM OF SIX INCHES DEEP (COMPACTED) BEFORE SEEDING.
      d. HAVE TOPSOIL TESTED FOR pH, ADD LIME AS NECESSARY TO ACHIEVE pH OF 6.5. APPLY FERTILIZER AT A RATE OF 300 POUNDS PER ACRE OR SEVEN POUNDS PER 4,000 SQUARE FEET USING 10–20–10 OR EQUIVALENT. IN ADDITION, 300 POUNDS 38–0–0 PER ACRE OF SLOW RELEASE NITROGEN MAY BE USED IN LIEU OF TOP DRESSING.
      e. WORK LIME AND FERTILIZER INTO SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF FOUR INCHES WITH A DISC, SPRINGTOOTH HARROW OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISCING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE ALL CLAY OR SILTY SOIL AND COARSE SANDS SHOULD BE ROLLED TO FIRM THE SEED BED WHEREVER FEASIBLE.
      f. REMOVE FROM THE SURFACE ALL STONES ONE INCH OR LARGER IN ANY DIMENSION. REMOVE ALL OTHER DEBRIS, SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLODS, LUMPS, OR OTHER UNSUITABLE MATERIAL.
      g. INSPECT SEED BED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT SOIL COMPACT, THE AREA MUST BE RETILLED AND FIRMED AS ABOVE.

CONTINGENCY SOIL EROSION AND SEDIMENT CONTROL NARRATIVE

1. THE GENERAL CONTRACTOR WILL DESIGNATE PERSONNEL FOR 24 HOUR EMERGENCY RESPONSE IN THE EVENT OF SEVERE WEATHER AND INCREASED POTENTIAL FOR SEVERE EROSION. CONTRACTOR TO PROVIDE NAME AND PHONE NUMBER OF INDIVIDUAL TO THE PLANNING AND ZONING COMMISSION PRIOR TO THE START OF CONSTRUCTION.
2. THE GENERAL CONTRACTOR IS REQUIRED TO MAINTAIN ON SITE OR HAVE THE ABILITY TO RETRIEVE WITHIN 12 HOURS THE FOLLOWING MATERIALS IN THE EVENT THAT THERE ARE DEFICIENCIES IN THE SESC MEASURES:
   A. 25% OF THE INSTALLED LENGTH OF SILT FENCE.
   B. EQUIVALENT TONNAGE OF STONE FOR STABILIZATION OF 1 STABILIZATION ENTRANCE. STONE COULD BE USED FOR SLOPE REPAIRS, ENERGY DISSIPATER ENHANCEMENTS, ETC.
   C. HEAVY EQUIPMENT CAPABLE OF TRENCHING/EXCAVATING LARGE AREAS TO DIVERT AND CONTROL RUNOFF IN A CONTROLLED MANNER.
   D. HAVE DESIGNATED A HYDRO–SEED CONTRACTOR CAPABLE OF RESPONDING TO THE SITE WITHIN 12 HOURS



LEGEND

	PROPOSED
PROPERTY LINE	
LIMIT OF DISTURBANCE	LOD
SILT FENCE	
PROPOSED INLET PROTECTION	
HAYBALES	
MATERIAL STOCKPILE AREA	
EROSION CONTROL BLANKET	
LIMIT OF PROPOSED BUILDING	
LIMIT OF PROPOSED CURB	

GENERAL NOTES

1. BOUNDARY AND TOPOGRAPHIC INFORMATION OBTAINED FROM PLANS TITLED "PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY" PREPARED BY LANGAN, DATED JULY 11, 2025.
2. PROPOSED BUILDING FOOTPRINT RECEIVED ELECTRONICALLY FROM TSKP IN OCTOBER 2025.
3. THE SITE IS LOCATED WITHIN ZONE X OF FEMA FIRM MAP 09001C0289F, EFFECTIVE JUNE 18, 2010. ZONE X IS AN AREA OF MINIMAL FLOOD HAZARD WITH NO BASE FLOOD ELEVATIONS.

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CHRISTOPHER P. CHOLEWA — 24211 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CONNECTICUT

TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN — PROJECT NORTH

DRAWING TITLE

PHASE I OVERALL SOIL EROSION □ SEDIMENT CONTROL PLAN

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

CE100

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LEGEND

	PROPOSED
PROPERTY LINE	
LIMIT OF DISTURBANCE	LOD LOD
SILT FENCE	
PROPOSED INLET PROTECTION	
HAYBALES	
MATERIAL STOCKPILE AREA	
EROSION CONTROL BLANKET	
LIMIT OF PROPOSED BUILDING	
LIMIT OF PROPOSED CURB	

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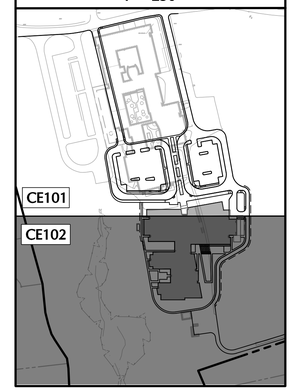
SHEET LEGEND
1" = 250'



EXISTING SCHOOL TO BE FULLY OPERATIONAL DURING PHASE 1 OF CONSTRUCTION. CONTRACTOR TO PROVIDE TEMPORARY PERIMETER FENCING AND OTHER SECURITY MEASURES AS REQUIRED BY THE OWNER.

EXISTING SCHOOL BUILDING, UTILITY CONNECTIONS, AND EMERGENCY EGRESS ROUTES TO BE PROTECTED AND MAINTAINED IN THE FIRST PHASE OF CONSTRUCTION.

LIMIT OF DISTURBANCE: ±10.6 ACRES

SILT FENCE (TYP.)
PROPOSED INLET PROTECTION (TYP.)
CONSTRUCTION ENTRANCE
PROPOSED LIMIT OF CURBING WITHIN PHASE 1 OF CONSTRUCTION (TYP.)
PROPOSED BUILDING AND LOADING DOCK FOOTPRINT
SILT SOCK (TYP.)
SLOPE STABILIZATION BLANKET

MATCHLINE - CE101
MATCHLINE - CE102

SCALE: 1 INCH = 30 FEET

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TRUMBULL HILLCREST MIDDLE SCHOOL
530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

DRAWING TITLE

PHASE I SOIL EROSION SEDIMENT CONTROL PLAN I

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

CE101

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GENERAL NOTES

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LEGEND

	PROPOSED
PROPERTY LINE	
LIMIT OF DISTURBANCE	LOD LOD
SILT FENCE	
PROPOSED INLET PROTECTION	
HAYBALES	
MATERIAL STOCKPILE AREA	
EROSION CONTROL BLANKET	
LIMIT OF PROPOSED BUILDING	
LIMIT OF PROPOSED CURB	

MATCHLINE - CE101

MATCHLINE - CE102

CONTRACTOR TO COORDINATE INSTALLATION OF ALL PROPOSED UTILITIES SUCH THAT EXISTING SERVICES TO THE EXISTING SCHOOL ARE MAINTAINED. CONTRACTOR TO COORDINATE TEMPORARY UTILITY SHUTOFFS AS NEEDED WITH OWNER.

SLOPE STABILIZATION BLANKET

ROOF DRAIN INV.: 385.58
SEE MEP PLANS.

PROPOSED LIMIT OF CURBING WITHIN PHASE 1 OF CONSTRUCTION (TYP.)

SILT FENCE (TYP.)

LIMIT OF DISTURBANCE: ±10.6 ACRES

PROPOSED BUILDING AND LOADING DOCK FOOTPRINT

PROPOSED INLET PROTECTION (TYP.)

LIMIT OF GEOTHERMAL FIELD, SEE MEP PLANS FOR DETAILS (TYP.)

SILT SOCK (TYP.)

ROOF DRAIN INV.: 372.33
SEE MEP PLANS.

SITE TRAILER, CONSTRUCTION LAYDOWN, ETC WITHIN LIMITS OF CONSTRUCTION FENCE (TYP.)

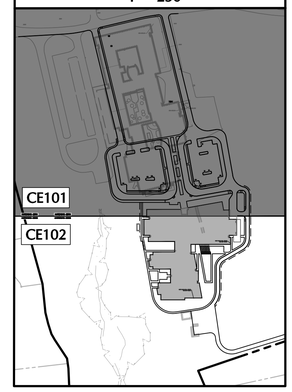
MATERIAL STOCKPILE AREA (TYP.)

RIM=376.21
FL=367.01

RIM=371.60
FL=364.40

SHEET LEGEND

1" = 250'



30 0 15 30
SCALE: 1 INCH = 30 FEET

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ARCHITECTURE | PLANNING | INTERIORS

STATE OF CONNECTICUT
CHRISTOPHER J. CARLSON
PENGUIN

TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

PROJECT NORTH

DRAWING TITLE

PHASE I SOIL EROSION SEDIMENT CONTROL PLAN II

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

CE102

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SOIL EROSION-SEDIMENT CONTROL NOTES

PROPOSED DEVELOPMENT

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2. THE DETAILED EROSION AND SEDIMENT CONTROL MEASURES ARE SHOWN WITHIN THIS PLANSET. THE PROPOSED MEASURES HAVE BEEN DESIGNED TO PREVENT THE MIGRATION OF SOIL SEDIMENT FROM THE SITE.

SOIL EROSION AND SEDIMENT CONTROL NOTES

1. THE SOIL AND SEDIMENT CONTROL PRACTICES MUST BE INSTALLED IN ACCORDANCE WITH THE LOCAL GOVERNING AUTHORITY AND THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION AND THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
2. EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED PRIOR TO START OF DEMOLITION AND CONSTRUCTION AND DISTURBANCE OF SITE CONTRIBUTORY DRAINAGE AREAS. THE OWNER OR ITS CONTRACTOR SHALL INSPECT, REPAIR AND REMOVE ALL SEDIMENT AND EROSION CONTROL DEVICES, AS INDICATED HEREIN.
3. DISPOSAL OF COLLECTED SEDIMENT SHALL BE MADE TO AREA DESIGNATED BY THE OWNER'S SOIL ENGINEER.
4. FILTER FABRIC/SILT FENCE WILL BE INSTALLED ALONG THE TOE OF ALL CRITICAL CUT AND FILL SLOPES.
5. 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 LAW. ALL TOPSOIL TO BE USED IN LANDSCAPED AREAS SHALL BE STORED/STOCKPILED IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL LAW STANDARDS.
6. ALL AREAS WITHIN 500 FEET OF AN INHABITED DWELLING SHALL BE WETTED AS NECESSARY TO PROVIDE DUST CONTROL.
7. SEDIMENT DISPOSAL AREAS AND TOPSOIL STOCKPILES NOT SCHEDULED FOR CONSTRUCTION ACTIVITIES WITHIN THIRTY (30) DAYS OF DISTURBANCE SHALL BE STABILIZED AS FOLLOWS:
   A. GROUND LIMESTONE AT A RATE OF 135 LBS. PER 1,000 SF.
   B. FERTILIZER AT A RATE OF 14 LBS. PER 1,000 SF USING A 10–20–10 ANALYSIS OR AN EQUIVALENT.
   C. ANNUAL RYE GRASS SEEDING APPLIED AT A RATE OF NOT LESS THAN 1 LB. PER 1,000 SF.
   D. MULCH ALL NEWLY SEEDED AREAS WITHIN 80 LBS. OF SALT HAY OR SMALL GRAIN STRAW PER 1,000 SF.
8. BETWEEN OCTOBER 15 AND MARCH 15, WHEN DISTURBED AREAS ARE SCHEDULED FOR IMMEDIATE LANDSCAPING, THEY MAY BE MULCHED AND SEEDED PER ITEM D ABOVE.
9. PAVEMENT BASE COURSE MUST BE PLACED IN ALL NEW ROADWAY AREAS UPON COMPLETION OF FINE GRADING.
10. THE CONTRACTOR IS RESPONSIBLE FOR ALL PAVED ROADWAYS, ON AND OFF–SITE, WHICH MUST BE KEPT FREE OF SITE GENERATED SEDIMENT AT ALL TIMES. DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHOD.
11. SILT FENCES AND BARRIERS MUST BE CLEANED OR REPLACED PERIODICALLY TO REMOVE BUILT–UP SILT.
12. ALL EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSPECTED ON A DAILY BASIS AND CLEANED IMMEDIATELY AFTER EACH STORM.
13. ALL EXPOSED SURFACES WILL BE TREATED WITH TOPSOIL PER THE LANDSCAPE PLANS PRIOR TO FINAL STABILIZATION.
14. PERMANENT VEGETATION IS TO BE SEEDED OR SODDED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING. MULCH AS NECESSARY FOR SEED PROTECTION AND ESTABLISHMENT. LIME AND FERTILIZE PRIOR TO PERMANENT SEEDING.
15. SOIL EROSION AND SEDIMENT CONTROL SHALL INCLUDE, BUT NOT BE LIMITED TO, OMISSIONS, ERRORS, OR FIELD OPERATIONS IMMEDIATELY AND IN ACCORDANCE WITH THE ABOVE MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE TO CORRECT ANY OMISSIONS, ERRORS, OR FIELD OPERATIONS IMMEDIATELY AND IN ACCORDANCE WITH THE GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
16. ANY CONVEYANCE OF THIS PROJECT PRIOR TO ITS COMPLETION WILL TRANSFER FULL RESPONSIBILITY FOR COMPLIANCE WITH THE CERTIFIED PLAN TO ANY SUBSEQUENT OWNERS.
17. PERMANENT
   A. MATERIALS SPECIFICATION: LAWN AREAS.
      a. SOIL
         ANY SOIL HAVING A pH OF 4 OR LESS CONTAINING IRON SULFIDES SHALL BE COVERED WITH A MINIMUM OF TWELVE INCHES OF SOIL HAVING A pH OF FIVE OR MORE PRIOR TO SEED BED PREPARATION.
      b. LIME
         THREE TONS PER ACRE GROUND LIMESTONE INCORPORATED FOUR INCHES INTO SOIL.
      c. FERTILIZER
         500 L.S. PER ACRES 10–20–10 INCORPORATED FOUR INCHES INTO SOIL.
      d. SEED
         DATES 4/15–6/15 AND 9/15–10/15. 30 LBS OF KENTUCKY 31 TALL FESCUE, 30 LBS OF SPREADING FESCUE, 30 LBS OF KENTUCKY BLUEGRASS PER ACRE.
      e. SHADE AREAS
         15 LBS OF SPREADING FESCUE, 15 LBS OF CHEWINGS RED FESCUE, 30 LBS KENTUCKY BLUEGRASS, AND 10 LBS OF PERENNIAL RYE GRASS PER ACRE. MULCH SHOULD BE APPLIED AFTER SEEDING FOR ADDED PROTECTION.
   B. MULCHING SHALL BE DONE AT THE RATE OF SEVENTY TO NINETY POUNDS (70–90 LBS) PER 1,000 SQUARE FEET WITH UNROTTED SALT HAY.
   C. LIQUID MULCH BINDERS MUST BE USED TO ANCHOR SALT HAY, HAY OR STRAY MULCHES.
      a. APPLICATIONS SHOULD BE HEAVIER AT EDGES WHERE WIND CATCHES THE MULCH IN VALLEYS AND AT CREATED BANKS. REMAINDER OF AREA SHOULD BE UNIFORM IN APPEARANCE.
      b. USE ONE OF THE FOLLOWING: SYNTHETIC OR ORGANIC BINDERS, BINDERS SUCH AS CURASOL DCA–70, PETRO SET, TERRA TACH, HYDRO MULCH AND AEROSPRAY MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER OF ANCHOR MULCH MATERIALS. BINDERS CONTAINING PETROLEUM PRODUCTS SHALL NOT BE USED.

      NOTE: ALL NAMES GIVEN ABOVE ARE REGISTERED TRADE NAMES. THIS DOES NOT CONSTITUTE A RECOMMENDATION OF THESE TO THE EXCLUSION OF OTHER PRODUCTS.
   D. FILL MATERIAL SHALL BE FREE FROM DEBRIS, PERISHABLE OR COMBUSTIBLE MATERIAL AND FROZEN OR WET EARTH OR STONES LARGER THAN THREE INCHES IN MAXIMUM DIMENSION.
   E. CONSTRUCTION AREAS SHALL BE PERIODICALLY SPRAYED WITH WATER UNTIL THE SURFACE IS WET TO CONTROL THE GENERATION OF DUST.
   F. ALL REVISIONS AFTER APPROVAL HAS BEEN GRANTED SHALL BE FORWARDED TO THE APPROPRIATE DISTRICT FOR REVIEW.
   G. THE LOCAL GOVERNING AUTHORITY SHALL RECEIVE WRITTEN NOTIFICATION SEVENTY TWO HOURS BEFORE THE START OF ANY CONSTRUCTION.
   H. SEEDED PREPARATION:
      c. TOPSOIL SHOULD BE A MINIMUM OF SIX INCHES DEEP (COMPACTED) BEFORE SEEDING.
      d. HAVE TOPSOIL TESTED FOR pH. ADD LIME AS NECESSARY TO ACHIEVE pH OF 6.5. APPLY FERTILIZER AT A RATE OF 300 POUNDS PER ACRE OR SEVEN POUNDS PER 4,000 SQUARE FEET USING 10–20–10 OR EQUIVALENT. IN ADDITION, 300 POUNDS 38–0–0 PER ACRE OF SLOW RELEASE NITROGEN MAY BE USED IN LIEU OF TOP DRESSING.
      e. WORK LIME AND FERTILIZER INTO SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF FOUR INCHES WITH A DISC, SPRINGTOOTH HARROW OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISCING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE ALL CLAY OR SILTY SOIL AND COARSE SANDS SHOULD BE ROLLED TO FIRM THE SEED BED WHEREVER FEASIBLE.
      f. REMOVE FROM THE SURFACE ALL STONES ONE INCH OR LARGER IN ANY DIMENSION. REMOVE ALL OTHER DEBRIS, SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLODS, LUMPS, OR OTHER UNSUITABLE MATERIAL.
      g. INSPECT SEED BED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT SOIL COMPACT, THE AREA MUST BE RETILLED AND FIRMED AS ABOVE.

CONTINGENCY SOIL EROSION AND SEDIMENT CONTROL NARRATIVE

1. THE GENERAL CONTRACTOR WILL DESIGNATE PERSONNEL FOR 24 HOUR EMERGENCY RESPONSE IN THE EVENT OF SEVERE WEATHER AND INCREASED POTENTIAL FOR SEVERE EROSION. CONTRACTOR TO PROVIDE NAME AND PHONE NUMBER OF INDIVIDUAL TO THE PLANNING AND ZONING COMMISSION PRIOR TO THE START OF CONSTRUCTION.
2. THE GENERAL CONTRACTOR IS REQUIRED TO MAINTAIN ON SITE OR HAVE THE ABILITY TO RETRIEVE WITHIN 12 HOURS THE FOLLOWING MATERIALS IN THE EVENT THAT THERE ARE DEFICIENCIES IN THE SESC MEASURES:
   A. 25% OF THE INSTALLED LENGTH OF SILT FENCE
   B. EQUIVALENT TONNAGE OF STONE FOR STABILIZATION OF 1 STABILIZATION ENTRANCE. STONE COULD BE USED FOR SLOPE REPAIRS, ENERGY DISSIPATER ENHANCEMENTS, ETC.
   C. HEAVY EQUIPMENT CAPABLE OF TRENCHING/EXCAVATING LARGE AREAS TO DIVERT AND CONTROL RUNOFF IN A CONTROLLED MANNER.
   D. HAVE DESIGNATED A HYDRO–SEED CONTRACTOR CAPABLE OF RESPONDING TO THE SITE WITHIN 12 HOURS

LEGEND

	PROPOSED
PROPERTY LINE	
LIMIT OF DISTURBANCE	LOD
SILT FENCE	
EXISTING INLET PROTECTION	
PROPOSED INLET PROTECTION	
HAYBALES	
MATERIAL STOCKPILE AREA	
EROSION CONTROL BLANKET	

GENERAL NOTES

1. BOUNDARY AND TOPOGRAPHIC INFORMATION OBTAINED FROM PLANS TITLED "PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY" PREPARED BY LANGAN, DATED JULY 11, 2025.
2. PROPOSED BUILDING FOOTPRINT RECEIVED ELECTRONICALLY FROM TSKP IN OCTOBER 2025.
3. THE SITE IS LOCATED WITHIN ZONE X OF FEMA FIRM MAP 09001C0289F, EFFECTIVE JUNE 18, 2010. ZONE X IS AN AREA OF MINIMAL FLOOD HAZARD WITH NO BASE FLOOD ELEVATIONS.

60 0 20 40 60
SCALE IN FEET

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STATE OF CONNECTICUT · CHRISTOPHER P. CHUTE · 29161 · REGISTERED PROFESSIONAL ENGINEER

TRUMBULL HILLCREST MIDDLE SCHOOL
530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN — PROJECT NORTH

DRAWING TITLE

PHASE II OVERALL SOIL EROSION □ SEDIMENT CONTROL PLAN

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

CE200

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LEGEND

	PROPOSED
PROPERTY LINE	
LIMIT OF DISTURBANCE	LOD
SILT FENCE	
EXISTING INLET PROTECTION	
PROPOSED INLET PROTECTION	
HAYBALES	
MATERIAL STOCKPILE AREA	
EROSION CONTROL BLANKET	

GENERAL NOTES

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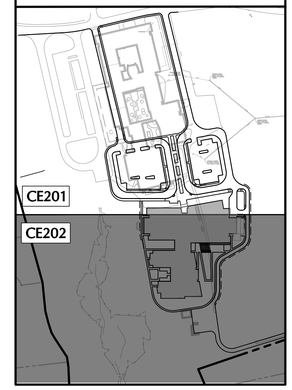
SHEET LEGEND
1" = 250'



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TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

DRAWING TITLE

PHASE II SOIL EROSION □ SEDIMENT CONTROL PLAN I

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
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DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

CE201

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GENERAL NOTES

1. BOUNDARY AND TOPOGRAPHIC INFORMATION OBTAINED FROM PLANS TITLED "PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY" PREPARED BY LANGAN, DATED JULY 11, 2025.
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LEGEND

	PROPOSED
PROPERTY LINE	
LIMIT OF DISTURBANCE	LOD LOD
SILT FENCE	
EXISTING INLET PROTECTION	
PROPOSED INLET PROTECTION	
HAYBALES	
MATERIAL STOCKPILE AREA	
EROSION CONTROL BLANKET	

MATCHLINE - CE201

MATCHLINE - CE202

PROPOSED BUILDING
±84,300 SF FOOTPRINT

TEE TO BE USED FOR ALL PIPE CONNECTIONS (TYP.)

ROOF DRAIN INV.: 385.58
SEE MEP PLANS.

SLOPE STABILIZATION BLANKET (TYP.)

SILT FENCE (TYP.)

LIMIT OF DISTURBANCE: ±20.5 ACRES

PROPOSED INLET PROTECTION (TYP.)

SILT SOCK (TYP.)

ROOF DRAIN INV.: 372.33
SEE MEP PLANS.

LIMIT OF GEOTHERMAL FIELD, SEE MEP PLANS FOR DETAILS (TYP.)

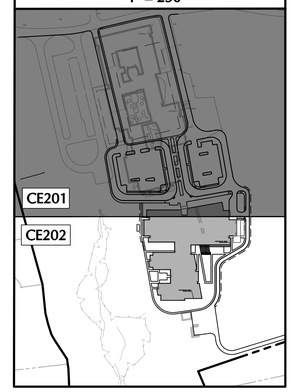
EXISTING BUILDING

MATERIAL STOCKPILE AREA (TYP.)

RIM=376.21
FL=367.01

RIM=371.60
FL=364.40

SHEET LEGEND
1" = 250'



30 0 15 30
SCALE: 1 INCH = 30 FEET

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TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

PROJECT NORTH

DRAWING TITLE

PHASE II SOIL EROSION SEDIMENT CONTROL PLAN II

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

CE202

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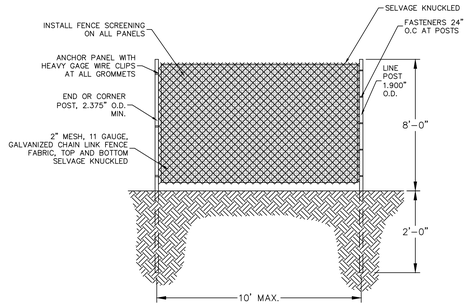
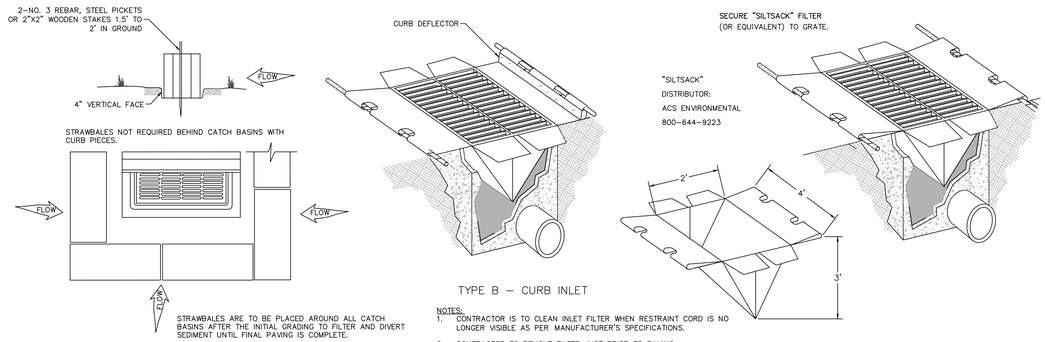


1 TEMPORARY CONSTRUCTION FENCE

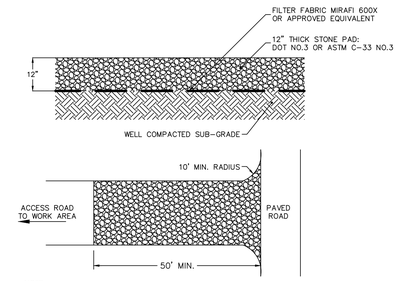
N.T.S



NOTES:
1. CONTRACTOR IS TO CLEAN INLET FILTER WHEN RESTRAINT CORD IS NO LONGER VISIBLE AS PER MANUFACTURER'S SPECIFICATIONS.
2. CONTRACTOR TO REMOVE FILTER JUST PRIOR TO PAVING.

2 INLET PROTECTION

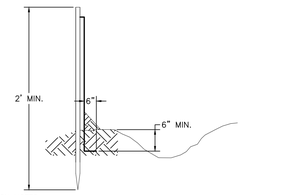
N.T.S



NOTE:
1. CONSTRUCTION PAD LOCATION TO BE SET BY CONTRACTOR AND LOCATED AS REQUIRED FOR CONSTRUCTION SEQUENCING.
2. SEE SOIL EROSION & SEDIMENT CONTROL PLAN, CE101, FOR DIMENSIONS.

3 CONSTRUCTION ENTRANCE

N.T.S



INSTALLATION NOTES:
1. EXCAVATE AND SECURE BOTTOM 6" OF SILT FENCE BELOW GRADE AS SHOWN.
2. EXCEPT FOR THE END POST, DRIVE ALL POSTS INTO THE GROUND AT BACK SIDE OF TRENCH SPACED A MAXIMUM OF 8 FT O. C.
3. SECURE FILTER FABRIC WITH DRAWSTRING TO POST WITH METAL FASTENERS AND REINFORCEMENT BETWEEN FASTENER AND FABRIC.

4 SILT FENCE

N.T.S

NORTH AMERICAN GREEN
EROSION CONTROL *Products Guaranteed* SOLUTIONS
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EVANSVILLE, IN 47725
800-772-2040
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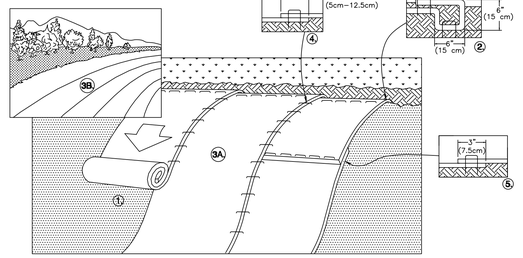
BIONET SC150BN DOUBLE NET STRAW BLANKET - BIODEGRADABLE (OR APPROVED EQUAL)
SLOPE INSTALLATION

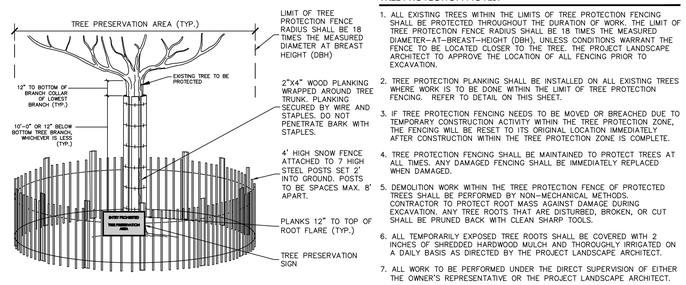
1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP's), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP's IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF RECP's EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP's WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF RECP's BACK OVER SEED AND COMPACTED SOIL. SECURE RECP's OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CM) APART ACROSS THE WIDTH OF THE RECP's.
3. ROLL THE RECP's (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. RECP's WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECP's MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM™ STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL RECP's MUST BE STAPLED WITH APPROXIMATELY 2" - 5" (5 CM - 12.5 CM) OVERLAP DEPENDING ON RECP's TYPE.
5. CONSECUTIVE RECP's SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE RECP's WIDTH.
NOTE:
*IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY SECURE THE RECP's.



NOTE:
CONTRACTOR TO PROVIDE EROSION CONTROL BLANKET ON ALL SLOPES 3:1 OR STEEPER.

5 SLOPE STABILIZATION (SLOPES ≥3H:1V)

N.T.S

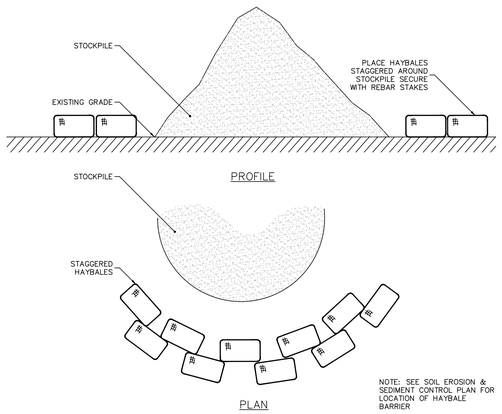


TREE PROTECTION NOTES:

1. ALL EXISTING TREES WITHIN THE LIMITS OF TREE PROTECTION FENCING SHALL BE PROTECTED THROUGHOUT THE DURATION OF WORK. THE LIMIT OF TREE PROTECTION FENCE RADIUS SHALL BE 18 TIMES THE MEASURED DIAMETER-AT-BREAST-HEIGHT (DBH), UNLESS CONDITIONS WARRANT THE FENCE TO BE LOCATED CLOSER TO THE TREE. THE PROJECT LANDSCAPE ARCHITECT TO APPROVE THE LOCATION OF ALL FENCING PRIOR TO EXCAVATION.
2. TREE PROTECTION PLANKING SHALL BE INSTALLED ON ALL EXISTING TREES WHERE WORK IS TO BE DONE WITHIN THE LIMIT OF TREE PROTECTION FENCING. REFER TO DETAIL ON THIS SHEET.
3. IF TREE PROTECTION FENCING NEEDS TO BE MOVED OR BREACHED DUE TO TEMPORARY CONSTRUCTION ACTIVITY WITHIN THE TREE PROTECTION ZONE, THE FENCING WILL BE RESET TO ITS ORIGINAL LOCATION IMMEDIATELY AFTER CONSTRUCTION WITHIN THE TREE PROTECTION ZONE IS COMPLETE.
4. TREE PROTECTION FENCING SHALL BE MAINTAINED TO PROTECT TREES AT ALL TIMES. ANY DAMAGED FENCING SHALL BE IMMEDIATELY REPLACED WHEN DAMAGED.
5. DEMOLITION WORK WITHIN THE TREE PROTECTION FENCE OF PROTECTED TREES SHALL BE PERFORMED BY NON-MECHANICAL METHODS. CONTRACTOR TO PROTECT ROOT MASS AGAINST DAMAGE DURING EXCAVATION. ANY TREE ROOTS THAT ARE DISTURBED, BROKEN, OR CUT SHALL BE PRUNED BACK WITH CLEAN SHARP TOOLS.
6. ALL TEMPORARILY EXPOSED TREE ROOTS SHALL BE COVERED WITH 2 INCHES OF SHREDDED HARDWOOD MULCH AND THOROUGHLY IRRIGATED ON A DAILY BASIS AS DIRECTED BY THE PROJECT LANDSCAPE ARCHITECT.
7. ALL WORK TO BE PERFORMED UNDER THE DIRECT SUPERVISION OF EITHER THE OWNER'S REPRESENTATIVE OR THE PROJECT LANDSCAPE ARCHITECT.

6 TREE PROTECTION FENCE

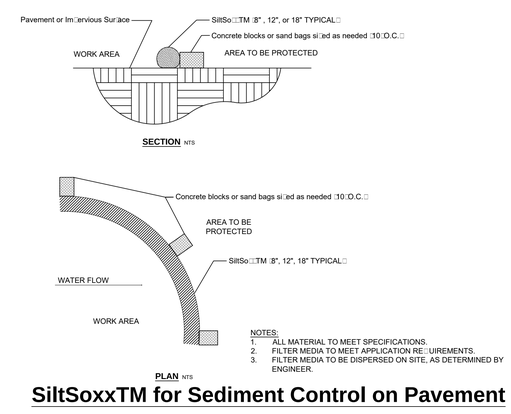
N.T.S



NOTE: SEE SOIL EROSION & SEDIMENT CONTROL PLAN FOR LOCATION OF HAYBALE BARRIER

7 TEMPORARY STOCKPILE

N.T.S



NOTES:
1. ALL MATERIAL TO MEET SPECIFICATIONS.
2. FILTER MEDIA TO MEET APPLICATION RE□UIREMENTS.
3. FILTER MEDIA TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

SiltSoxxTM for Sediment Control on Pavement

8 SILT SOCK

N.T.S.

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TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

PROJECT NORTH

DRAWING TITLE

SOIL EROSION AND SEDIMENT CONTROL DETAILS

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	AS NOTED
DATE	12/12/2025
DRAWN BY	JAD
APPROVED BY	BP

ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.

CE501

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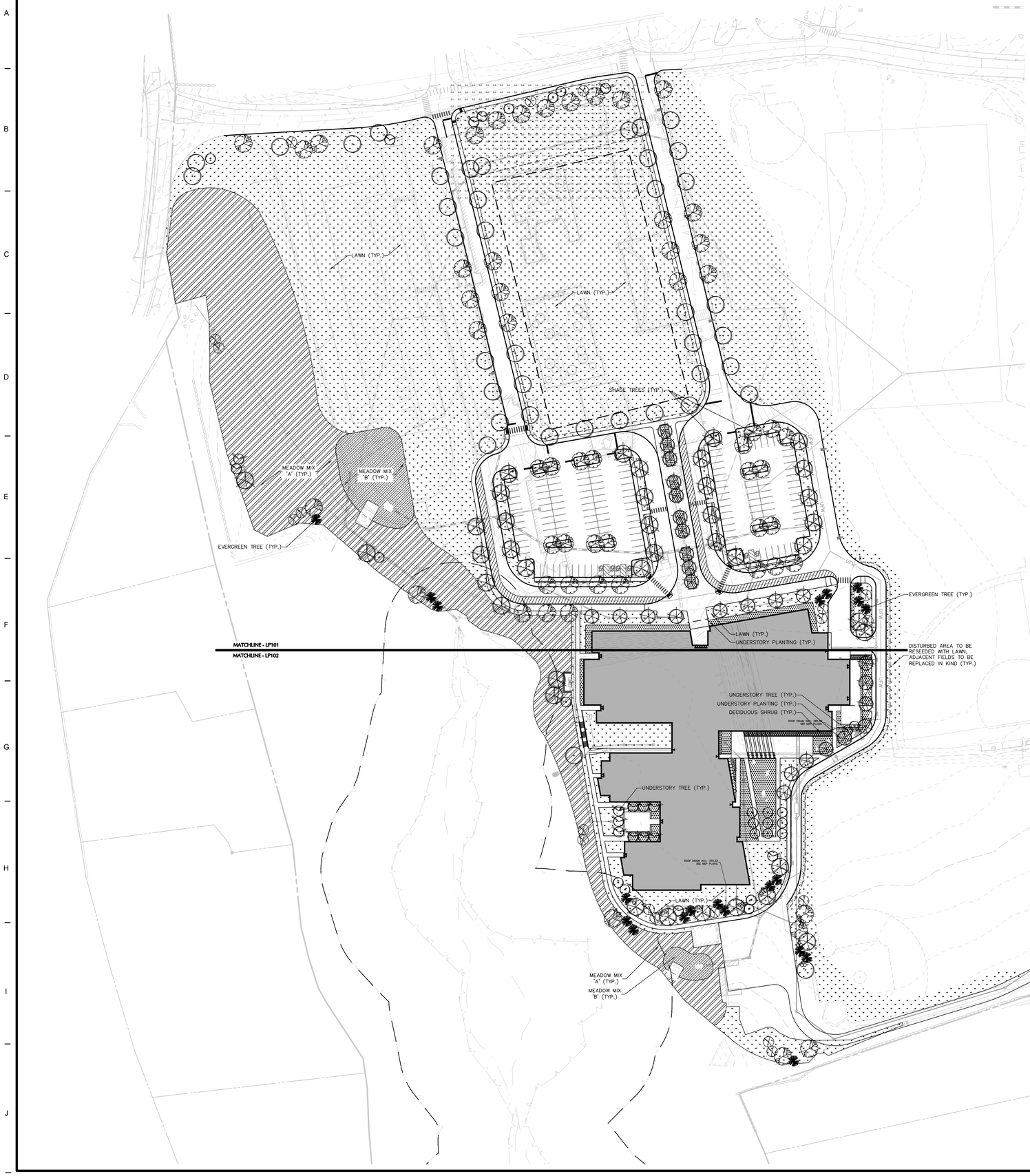

ORDINANCE COMPLIANCE CHART

SMART CODE REQUIREMENT	REQUIRED/ PERMITTED	PROVIDED/ PROPOSED	COMPLIANCE
ARTICLE IV – GARAGES, PARKING SPACES AND LOADING AREAS – 4.6.4	EACH LOT WILL BE PROVIDED WITH A LANDSCAPED AREA EXTENDING THE LENGTH OF THE STREET FRONTAGE ALONG THE INTERIOR SIDE OF THE FRONT LOT LINE, EXCEPT WHERE DRIVEWAY EXITS AND ENTRANCES ARE LOCATED. THE WIDTH OF THE FRONT LANDSCAPED AREA WILL BE NO LESS THAN 10 FEET IN THE B–C ZONE, NO LESS THAN 15 FEET IN THE I–L ZONES, AND 25 FEET OR MORE IN OTHER ZONES. THE AREA OF THE FRONT LANDSCAPED BUFFER MAY BE INCLUDED IN CALCULATIONS FOR THE MINIMUM LANDSCAPED AREA REQUIRED IN SECTION 4.6.2. THE FRONT LANDSCAPED AREA WILL BE COVERED WITH GRASS OR OTHER GROUND COVER AND WILL INCLUDE APPROPRIATE TREES AND SHRUBS. AT A MINIMUM, ONE STREET SHADE TREE HAVING A CALIPER OF AT LEAST 3 INCHES AND A HEIGHT OF AT LEAST 6 FEET AT TIME OF PLANTING WILL BE PLANTED FOR EACH 50 FEET OR FRACTION THEREOF OF LOT FRONTAGE.	LOT FRONTAGE ALONG THE INTERIOR SIDE OF THE FRONT LOT LINE, EXCEPT WHERE DRIVEWAY EXITS AND ENTRANCES ARE LOCATED IS LANDSCAPED WITH GRASS AND OTHER GROUND COVER AND INCLUDES APPROPRIATE TREES AND SHRUBS. AT LEAST ONE STREET SHADE TREE HAS BEEN PLANTED EVERY 50 FEET. 525' TOTAL FRONTAGE / 50 = 10.5 11 = TOTAL STREET TREES REQ. 11 = TOTAL STREET TREES PROPOSED	COMPLIES
ARTICLE IV – GARAGES, PARKING SPACES AND LOADING AREAS – 4.6.6 – INTERIOR PARKING LOT LANDSCAPING	ALL USES REQUIRED TO PROVIDE 20 OR MORE OFF–STREET PARKING SPACES WILL HAVE AT LEAST 20 SQUARE FEET OF INTERIOR LANDSCAPING WITHIN THE PAVED PORTION OF THE PARKING FOR EACH PARKING SPACE. ISLANDS WILL BE PROVIDED TO INDICATE AND ASSURE SAFE AND EFFICIENT CHANNELIZATION OF BOTH PEDESTRIAN AND VEHICULAR TRAFFIC AND TO SEPARATE MAJOR ACCESS WAYS THROUGH THE PARKING AREA FROM PARKING AISLES. EACH SEPARATE LANDSCAPED AREA WILL CONTAIN A MINIMUM OF ONE HUNDRED (100) SQUARE FEET, WILL HAVE A MINIMUM DIMENSION OF AT LEAST EIGHT (8) FEET, WILL BE PLANTED WITH GRASS OR SHRUBS, AND WILL INCLUDE AT LEAST ONE DECIDUOUS TREE OF NOT LESS THAN THREE (3) INCH CALIPER, AT LEAST SIX (6) FEET IN HEIGHT. INTERIOR LANDSCAPING WILL BE POSITIONED TO ENHANCE THE VISUAL QUALITIES OF THE SITE AND TO BREAK UP LARGE EXPANSES OF PARKING. A STANDARD OF ONE ISLAND FOR EVERY TEN PARKING SPACES SHOULD BE USED FOR DESIGN PURPOSES. NO MORE THAN FIFTEEN (15) SPACES IN A ROW OR FOUR ROWS ACROSS WILL BE PERMITTED WITHOUT AN INTERVENING INTERIOR LANDSCAPE AREA. A LANDSCAPED AREA WILL BE PROVIDED ALONG THE PERIMETER OF ANY PARKING AREA EXCEPT WHERE THE PARKING AREA IS FUNCTIONALLY INTEGRATED WITH AN ADJOINING PARKING AREA ON AN ABUTTING LOT. THE LANDSCAPED AREA WILL HAVE A MINIMUM DIMENSION OF FIVE (5) FEET, WILL BE PLANTED WITH GRASS OR SHRUBS, AND WILL INCLUDE AT LEAST ONE DECIDUOUS TREE OF NOT LESS THAN THREE (3) INCH CALIPER, AT LEAST SIX (6) FEET IN HEIGHT FOR EVERY FIFTY (50) FEET ALONG THE PERIMETER OF THE PARKING AREA. WHERE APPROPRIATELY LOCATED, THE REQUIRED FRONT LANDSCAPED AREAS AND PERIMETER BUFFERS MAY BE USED TO SATISFY THIS REQUIREMENT.	LANDSCAPE ISLANDS ARE A MINIMUM OF ONE HUNDRED (100) SQUARE FEET, AND ARE PLANTED WITH GRASS/SHRUBS, AND INCLUDE AT LEAST ONE DECIDUOUS TREE. A LANDSCAPED AREA HAS BEEN PROVIDED ALONG THE PERIMETER OF PARKING AREA AND CONTAINS AT LEAST ONE DECIDUOUS TREE EVERY FIFTY (50) FEET ALONG THE PERIMETER OF THE PARKING AREA. ALL PROPOSED DECIDUOUS SHADE TREES ARE 3–3 1/2" CALIPER.	COMPLIES

CONCEPT PLANT SCHEDULE

SYMBOL	QTY.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
SHADE TREE(S)							
	57	ASB	ACER SACCHARUM BONFIRE	BONFIRE SUGAR MAPLE	3–3 1/2" CAL.	B+B	–
	40	CXO	CELTIS X OCCIDENTALIS	HACKBERRY	3–3 1/2" CAL.	B+B	–
	39	NS	NYSSA SYLVATICA	SOURGUM OR TUPELO	3–3 1/2" CAL.	B+B	–
	27	TXAR	TILIA X AMERICANA 'REDMOND'	REDMOND LINDEN	3–3 1/2" CAL.	B+B	–
UNDERSTORY TREE(S)							
	17	CC	CERCIS CANADENSIS	EASTERN REDBUD	10–12'	B+B	–
	21	CF	CORNUS FLORIDA	FLOWERING DOGWOOD	10–12'	B+B	–
EVERGREEN TREE(S)							
	19	IO	ILEX OPACA	AMERICAN HOLLY	8–10'	B+B	–
	20	PGL	PICEA GLAUCA	WHITE SPRUCE	8–10'	B+B	–
EVERGREEN SHRUB(S)							
	28	IGS	ILEX GLABRA 'SHAMROCK'	DWARF INKBERRY HOLLY	24–30"	B+B	–
	57	MP	MYRICA PENSYLVANICA	NORTHERN BAYBERRY	24–30"	B+B	–
DECIDUOUS SHRUB(S)							
	±90	CM	COMPTONIA PEREGRINA	SWEETFERN	24–30"	CONTAINER	–
		CSF	CORNUS SERICEA 'FLAVIRAMEA'	YELLOW TWIG DOGWOOD	24–30"	CONTAINER	–
		VD	VIBURNUM DENTATUM	ARROWWOOD VIBURNUM	24–30"	CONTAINER	–
		HP	HYPERICUM PROLIFICUM	SHRUBBY ST. JOHN'S WORT	24–30"	CONTAINER	–
UNDERSTORY PLANTING(S)							
	±15,100 SQ.FT.	PVS	PANICUM VIRGATUM 'HEAVY METAL'	'HEAVY METAL' SWITCH GRASS	2 GAL.	CONTAINER	–
		SSAJ	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM	2 GAL.	CONTAINER	–
		PEA	PEROVSKIA ATRIPLICIFOLIA	RUSSIAN SAGE	2 GAL.	CONTAINER	–
		DCS	ALLIUM 'PURPLE SENSATION'	ORNAMENTAL ONION	2 GAL.	CONTAINER	–
		PVS	COREOPSIS GRANDIFLORA	LARGE FLOWER TICKSEED	2 GAL.	CONTAINER	–

60 0 20 40 60
SCALE: 1 INCH = 60 FEET

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STATE OF CONNECTICUT · KRISTEN MITCHELL · REGISTERED LANDSCAPE ARCHITECT · NO. 1018

TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

PROJECT NORTH

DRAWING TITLE

OVERALL PLANTING PLAN

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	
DATE	12/12/2025
DRAWN BY	VGC
APPROVED BY	JA

ISSUE DATES

NO.	DATE	PURPOSE

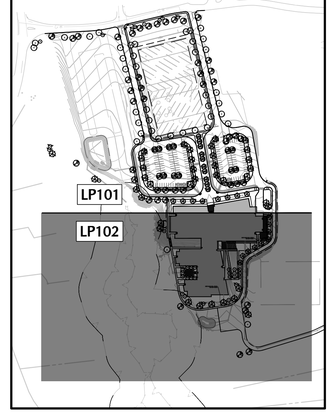
Drawing No.

LP100

9/2/2025 4:30:02 PM Autodesk Docs://Trumbull Hillcrest Middle School/250501-Trumbull Hillcrest MS-Arch_BIM360-R26.rvt

Date: 12/12/2025 Time: 16:17 User: a.ay Style Table: Langan.stb Layout: LP100 Document Code: 140325901-0101-LP101-0101

SHEET LEGEND
1" = 250'



1 ASB
2 CXO
1 IO
1 CF
2 CXO
2 ASB
1 CC
7 ASB
1 ASB
2 CC
1 CF
2 IO
1 CC
1 ASB
DISTURBED AREA TO BE RESEEDED WITH LAWN, ADJACENT FIELDS TO BE REPLACED IN KIND (TYP.)
7 CXO
6 ASB
MEADOW MIX 'A' (TYP.)
LAWN (TYP.)
7 CXO
6 ASB
LAWN (TYP.)
8 CXO
2 IO
8 CXO
AREA WITHIN DASHED LINE TO BE PERMANENTLY IRRIGATED
DISTURBED AREA TO BE RESEEDED WITH LAWN, ADJACENT FIELDS TO BE REPLACED IN KIND (TYP.)
3 CXO
UNDERSTORY PLANTING (TYP.)
6 NS
10 TXAR
6 NS
4 ASB
5 NS
4 ASB
2 CC
1 NS
MEADOW MIX 'B' (TYP.)
4 ASB
5 NS
4 ASB
2 IO
1 ASB
1 PGL
MEADOW MIX 'A' (TYP.)
LAWN (TYP.)
DISTURBED AREA TO BE RESEEDED WITH LAWN, ADJACENT FIELDS TO BE REPLACED IN KIND (TYP.)
3 ASB
4 ASB
4 ASB
1 NS
1 CF
4 NS
3 ASB
4 TXAR
4 TXAR
4 PGL
1 IO
6 MP
1 ASB
2 PGL
LAWN (TYP.)
UNDERSTORY PLANTING (TYP.)
9 MP
1 PGL
3 IO
2 NS
MEADOW MIX 'A' (TYP.)

MATCHLINE - LP101
MATCHLINE - LP102

30 0 10 20 30
SCALE: 1 INCH = 30 FEET

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REGISTERED
NO. 28
ARCHITECT

TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

PROJECT NORTH

DRAWING TITLE

PLANTING PLAN I

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	
DATE	12/12/2025
DRAWN BY	
APPROVED BY	

ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.

LP101

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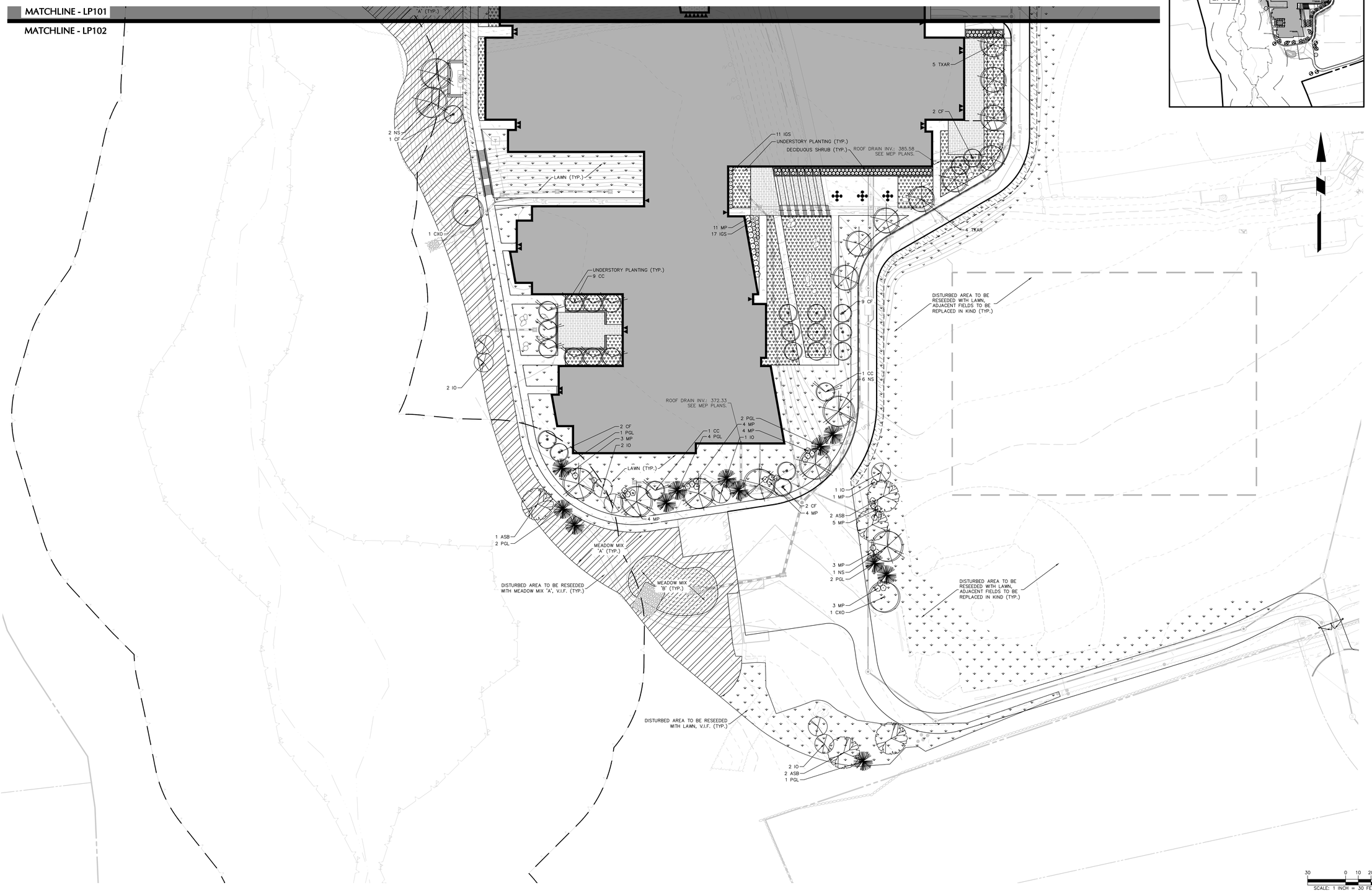
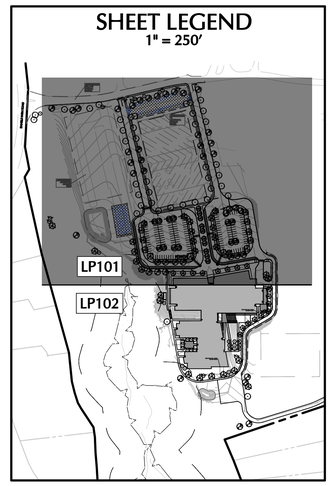
MATCHLINE - LP101

MATCHLINE - LP102



SHEET LEGEND
1" = 250'



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SCALE: 1 INCH = 30 FEET

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NO. 1018

TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

PROJECT NORTH

DRAWING TITLE

PLANTING PLAN II

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	
DATE	12/12/2025
DRAWN BY	VGC
APPROVED BY	JA

ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.

LP102

9/2/2025 4:30:02 PM Autodesk Docs://Trumbull Hillcrest Middle School/250501-Trumbull Hillcrest MS-Arch_BIM360-R26.rvt

Date: 12/12/2025 Time: 16:18 User: aJay Style Table: Langan.stb Layout: LP102 Document Code: 140325901-0101-LP101-0103

ADD/ALTERNATE:
MILL AND OVERLAY, RESTRIPE

ADD/ALTERNATE:
44 ADDITIONAL
PARKING SPACES

ADD/ALTERNATE:
ADDITIONAL ATHLETIC FIELD

AREA WITHIN DASHED LINE TO
BE PERMANENTLY IRRIGATED

DISTURBED AREA TO BE
RESEEDED WITH LAWN,
ADJACENT FIELDS TO BE
REPLACED IN KIND (TYP.)

MEADOW MIX
'A' (TYP.)

MEADOW MIX
'B' (TYP.)

LAWN (TYP.)

UNDERSTORY PLANTING (TYP.)

STOP

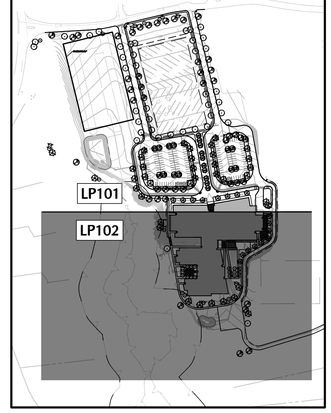
1 ASB
1 CXO
1 IO
1 CF
2 CXO
2 ASB
1 CC
2 CC
2 CF
2 IO
7 ASB
1 ASB
7 CXO
6 ASB
8 CXO
3 CXO
6 NS
10 TXAR
4 ASB
5 NS
4 TXAR
3 ASB
2 IO
1 NS
1 CF
1 PGL
4 TXAR
4 PGL
1 IO
6 MP
9 MP
1 PGL
3 IO
2 NS

MATCHLINE - LP101

MATCHLINE - LP102

SCALE: 1 INCH = 30 FEET

SHEET LEGEND
1" = 250'



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KRISTEN MITCHELL
REGISTERED
NO. 28
LANDSCAPE ARCHITECT

TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

PROJECT NORTH

DRAWING TITLE

PLANTING PLAN - ALTERNATES

STATE PROJ. NO.	144-0108N
PROJ. NO.	250501
SCALE	
DATE	12/12/2025
DRAWN BY	AC
APPROVED BY	KM

ISSUE DATES

NO.	DATE	PURPOSE

Drawing No.

LP201

9/2/2025 4:30:02 PM Autodesk Docs://Trumbull Hillcrest Middle School/250501-Trumbull Hillcrest MS-Arch_BIM360-R26.rvt

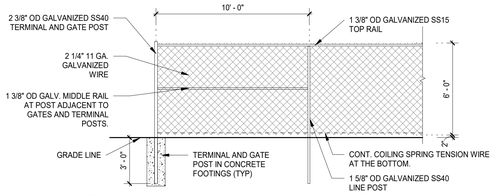
Date: 12/11/2025 Time: 11:09 User: acasselli_ Style Table: Langan.stb Layout: LP101 Document Code: 140325901-0101-LP101-0104

NOTE: PHASING

THE PHASING BELOW IS PROVIDED AS A CONVENIENCE AND A SUGGESTION TO SUPPORT THE PROJECT TO MAINTAIN SERVICES TO THE EXISTING SCHOOL BUILDING. ALTERNATIVE APPROACHES BY THE CONTRACTOR ARE ENCOURAGED AS NOT TO DISRUPT SAID SERVICES UNTIL THE NEW SYSTEMS ARE PUT INTO OPERATION.

PROPOSED PHASING:

- EXISTING SCHOOL TO BE MAINTAINED AND TO MAINTAIN POWER AND DOMESTIC WATER FEED UNTIL TEMPORARY CONDITIONS SERVICES PROVIDED.
- BUILD NEW SCHOOL.
- PROVIDE TEMPORARY POWER. RELOCATE/RECONFIGURE AS NEEDED TO SUPPORT THE TEMPORARY POWER CONDITIONS.
- PROVIDE FINAL SERVICES TO THE NEW SCHOOL BUILDING AFTER NEW BUILDING SERVICES ARE AVAILABLE WITHOUT DISRUPTION TO THE EXISTING SCHOOL.
- REMOVE ALL TEMPORARY INSTALLATIONS.
- DEMOLISH EXISTING SCHOOL BUILDING.



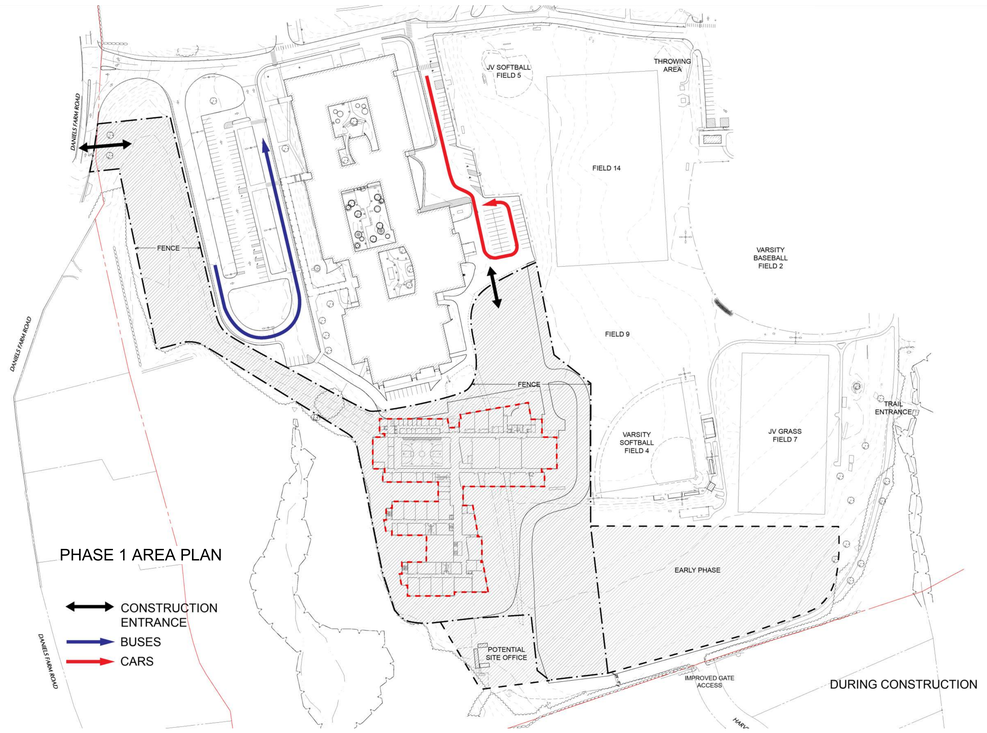
2 SITE FENCE
1/4" = 1'-0"

NOTE:
1. PROVIDE FULL HEIGHT GREEN SCREEN ON FENCES FACING ROADS, BALLFIELDS AND EXISTING SCHOOL. BASIS OF DESIGN: CI FABRICS, STANDARD ENVIROTEXT OR EQUAL PRODUCT FROM A DIFFERENT MANUFACTURER. SECURE SCREEN TO FENCE AS RECOMMENDED BY THE MANUFACTURER.
2. TIE WIRE SPACING IS TO BE AT EVERY 24" ON RAILS AND BRACING.
3. PROVIDE ADDITIONAL MIDDLE BRACING AS REQUIRED TO STABILIZE THE FENCE CONSTRUCTION.
4. PROVIDE FENCED GATES AT CONSTRUCTION ENTRANCES.

EXISTING AREA PLAN

CONSTRUCTION ENTRANCE
BUSES
CARS

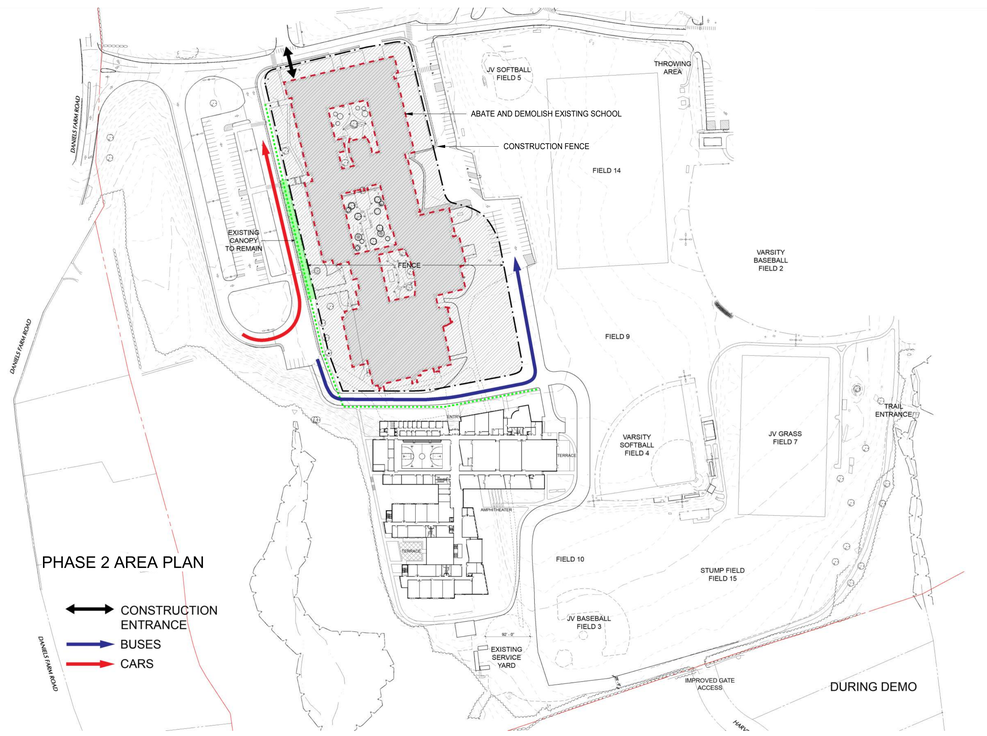
EXISTING



PHASE 1 AREA PLAN

CONSTRUCTION ENTRANCE
BUSES
CARS

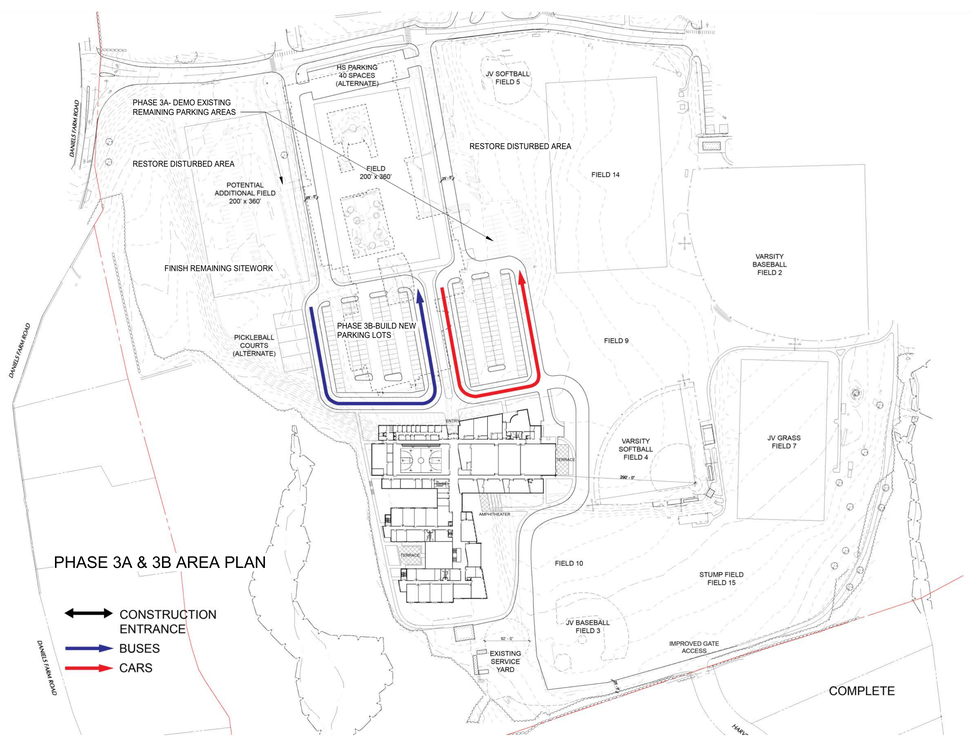
DURING CONSTRUCTION



PHASE 2 AREA PLAN

CONSTRUCTION ENTRANCE
BUSES
CARS

DURING DEMO



PHASE 3A & 3B AREA PLAN

CONSTRUCTION ENTRANCE
BUSES
CARS

COMPLETE

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TRUMBULL HILLCREST MIDDLE SCHOOL

530 Daniels Farm Road, Trumbull, CT 06611

Project Status

KEY PLAN

N

DRAWING TITLE

PHASING PLANS

STATE PROJ. NO.	144-0108N
OFFICE PROJ. NO.	250501
SCALE	As indicated
DATE	08/15/2025
DRAWN BY	Author
APPROVED BY	Approver

ISSUE DATES

NO.	DATE	PURPOSE

A0.05

12/8/2025 9:50:13 AM Autodesk Docs://Trumbull Hillcrest Middle School/250501-Trumbull Hillcrest MS-Arch_BIM360-R26.rvt

WETLAND INSPECTION

July 8, 2025 **APT Project No.: CT361460**

Prepared For: Langan Engineering and Environmental Services
Long Wharf Maritime Center
555 Long Wharf Drive, New Haven, CT 06511

Site Name: Hillcrest Middle School

Site Address: 530 Daniels Farm Road, Trumbull, Connecticut

Date of Investigation: 6/27/2025

Field Conditions: **Weather:** partly sunny, mid 70's
Soil Moisture: moist

Wetland/Watercourse Delineation Methodology[1]**:**
☒Connecticut Inland Wetlands and Watercourses
☐U.S. Army Corps of Engineers

Municipal Upland Review Area: **Wetlands:** 100 feet **Watercourses:** 100 feet

The wetlands inspection was performed by[2]:

Dean Gustafson, Professional Soil Scientist

Enclosures: Wetland Delineation Field Forms & Wetland Inspection Map

This report is provided as a brief summary of findings from APT's wetland investigation of the referenced Study Area that consists of proposed development activities and areas generally within 200 feet.[3] *If applicable, APT is available to provide a more comprehensive wetland impact analysis upon receipt of site plans depicting the proposed development activities and surveyed location of identified wetland and watercourse resources.*

---

[1] *Wetlands and watercourses were delineated in accordance with applicable local, state and federal statutes, regulations and guidance.*

2 All established wetlands boundary lines are subject to change until officially adopted by local, state, or federal regulatory agencies.

[3] *APT has relied upon the accuracy of information provided by Langan Engineering and Environmental Services regarding the location and limits of the Study Area for the purposes of identifying wetlands and watercourses.*

Attachments

- Wetland Delineation Field Forms
- Wetland Inspection Map

Wetland Delineation Field Form

Wetland I.D.:	Wetland 1	
Flag #'s:	WF 1-01 to 1-30 (east boundary) and 1A to 1A-25 (west boundary)	
Flag Location Method:	Site Sketch ☒	GPS (sub-meter) located ☒

WETLAND HYDROLOGY:

NONTIDAL ☒

Intermittently Flooded ☐	Artificially Flooded ☐	Permanently Flooded ☐
Semipermanently Flooded ☐	Seasonally Flooded ☒	Temporarily Flooded ☐
Permanently Saturated ☐	Seasonally Saturated/seepage ☒	Seasonally Saturated/perched ☐
Comments: Wetland 1 is a hillside seep system associated with braided seasonal intermittent watercourse channels that conveys stormwater runoff from the west side of the school along with seasonal seepage areas.		

TIDAL ☐

Subtidal ☐	Regularly Flooded ☐	Irregularly Flooded ☐
Irregularly Flooded ☐		
Comments: None		

WETLAND TYPE:

SYSTEM:

Estuarine ☐	Riverine ☐	Palustrine ☒
Lacustrine ☐	Marine ☐	
Comments: None		

CLASS:

Emergent ☐	Scrub-shrub ☒	Forested ☒
Open Water ☐	Disturbed ☐	Wet Meadow ☐
Comments: The majority of this wetland system is forested with patches of scrub-shrub within breaks of the forest canopy. The understory is dominated by invasive woody shrubs and vines.		

WATERCOURSE TYPE:

Perennial ☐	Intermittent ☒	Tidal ☐
Watercourse Name: Unnamed		
Comments: The intermittent watercourse consists of braided channels that are separated by inclusions of bedrock outcrop and small upland islands. The watercourse is characterized by a steep gradient 3- to 6-foot-wide gravel/stone/bedrock channel with small pools. Low clear flows disconnected by pools and areas of no flow were observed at the time of inspection.		

Wetland Delineation Field Form (Cont.)

SPECIAL AQUATIC HABITAT:

Vernal Pool Yes ☐ No ☒ Potential ☐	Other ☐
Vernal Pool Habitat Type: None	
Comments: None	

SOILS:

Are field identified soils consistent with NRCS mapped soils?	Yes ☒	No ☐

DOMINANT PLANTS:

Autumn Olive* (Elaeagnus umbellate)	Multiflora Rose* (Rosa multiflora)
Japanese Knotweed* (Polygonum cuspidatum)	Garlic Mustard* (Alliaria petiolata)
Winterberry (Ilex verticillata)	Asiatic Bittersweet* (Celastrus orbiculatus)
Fox Sedge (Carex vulpinoidea)	Soft Rush (Juncus effuses)
Privet* (Ligustrum spp.)	Winged Euonymus* (Euonymus alata)
Japanese Barberry* (Berberis thunbergii)	Jewelweed (Impatiens capensis)
Joe Pye Weed (Eupatorium maculatum)	Greenbrier (Smilax rotundifolia)
Red Maple (Acer rubrum)	Spicebush (Lindera benzoin)
Skunk Cabbage (Symplocarpus foetidus)	Lurid Sedge (Carex lurida)

* denotes Connecticut Invasive Species Council invasive plant species

GENERAL COMMENTS:

The Study Area for this wetland investigation consists of the existing Hillcrest Middle School and surrounding area encompassing a ±63-acre area as noted on the attached Wetland Inspection Map. Two wetlands were identified within the southwestern (Wetland 1) and eastern (Wetland 2) portions of the Study Area.

Wetland 1 consists of a hillside seep wetland system with an interior braided intermittent watercourse. The watercourse conveys stormwater flows from the western side of the school parking lot along with bordering seasonal seep areas within both the eastern and western side of this feature. The intermittent watercourse channel is intercepted by bedrock outcrops and small upland island inclusions that separate the primary stream channel into a braided system. The understory is characterized by dense thickets consisting primarily of woody invasive shrubs and vines.

Wetland Delineation Field Form

Wetland I.D.:	Wetland 2	
Flag #'s:	WF 2-01 to 2-07 and 2-20 to 2-29 (east bank) and 2A to 2A 31 (west bank)	
Flag Location Method:	Site Sketch ☒	GPS (sub-meter) located ☒

WETLAND HYDROLOGY:

NONTIDAL ☒

Intermittently Flooded ☐	Artificially Flooded ☐	Permanently Flooded ☒
Semipermanently Flooded ☐	Seasonally Flooded ☐	Temporarily Flooded ☐
Permanently Saturated ☐	Seasonally Saturated/seepage ☒	Seasonally Saturated/perched ☐
Comments: Wetland 2 consists of the headwaters to Belden Brook.		

TIDAL ☐

Subtidal ☐	Regularly Flooded ☐	Irregularly Flooded ☐
Irregularly Flooded ☐		
Comments: None		

WETLAND TYPE:

SYSTEM:

Estuarine ☐	Riverine ☐	Palustrine ☒
Lacustrine ☐	Marine ☐	
Comments: None		

CLASS:

Emergent ☐	Scrub-shrub ☐	Forested ☒
Open Water ☐	Disturbed ☐	Wet Meadow ☐
Comments: WF 2-01 to 2-07 consists of a forested headwater seep wetland that transitions to a seasonal intermittent watercourse bisected by a cross country trail via a culvert. This watercourse converges with Belden Brook which the jurisdictional boundary consists of the ordinary high water mark and limited narrow bordering wetlands. A forested overstory is associated with the mapped system with upland forest shading Belden Brook.		

WATERCOURSE TYPE:

Perennial ☒	Intermittent ☒	Tidal ☐
Watercourse Name: Belden Brook		
Comments: Belden Brook consists of an incised 14- to 18-foot wide and 2- to 3-foot-deep stream channel with a stone/cobble bottom. Low to moderate clear flows were observed at the time of inspection with evidence of iron oxide bacteria plume at the north terminus of the stream as it discharges from a culvert.		

Wetland Delineation Field Form (Cont.)

SPECIAL AQUATIC HABITAT:

Vernal Pool Yes ☐ No ☒ Potential ☐	Other ☐
Vernal Pool Habitat Type: None	
Comments: None	

SOILS:

Are field identified soils consistent with NRCS mapped soils?	Yes ☒	No ☐

DOMINANT PLANTS:

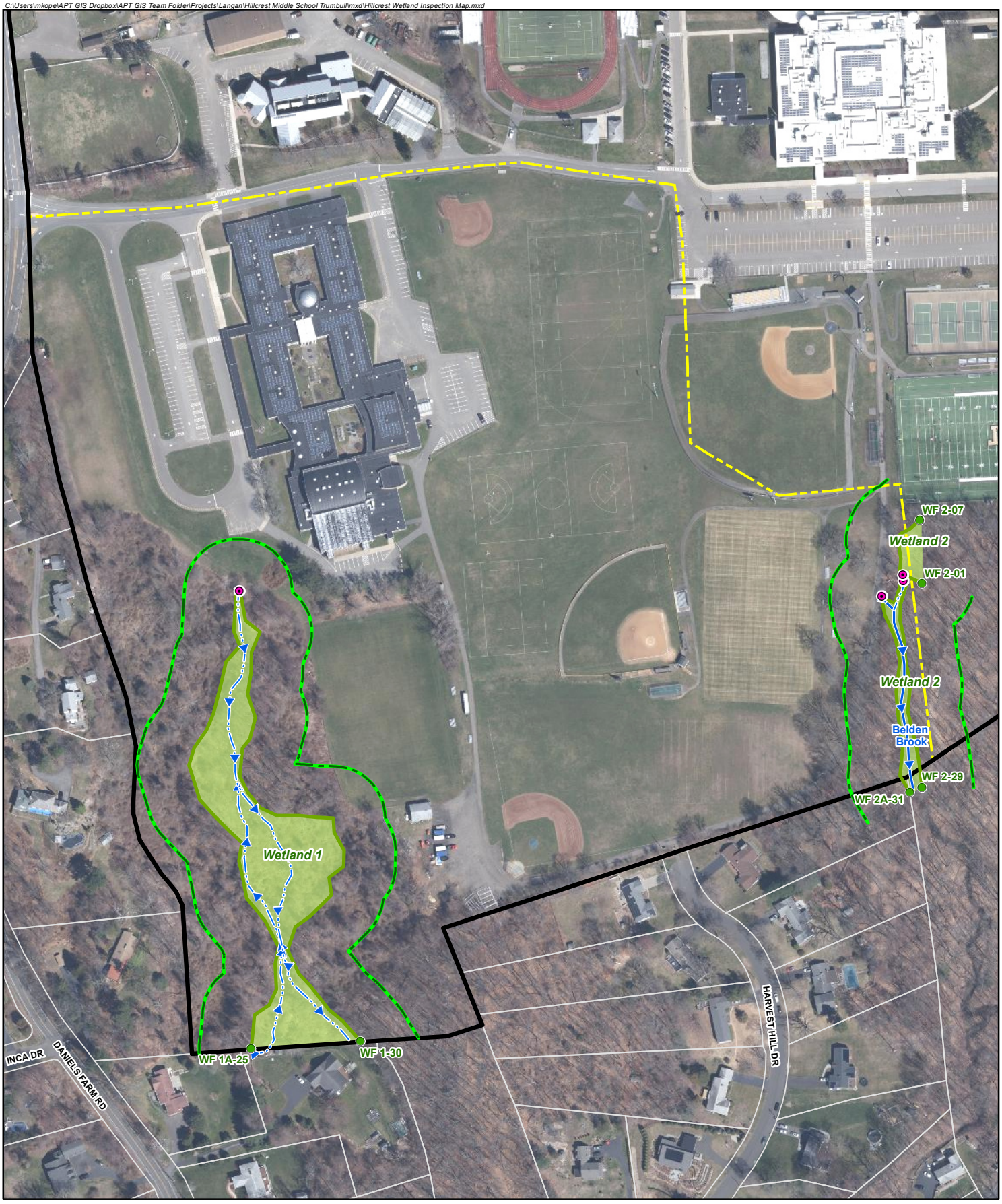
Red Maple (Acer rubrum)	Sweet Pepperbush (Clethera alnifolia)
Multiflora Rose* (Rosa multiflora)	Spicebush (Lindera benzoin)
Japanese Knotweed* (Polygonum cuspidatum)	Asiatic Bittersweet* (Celastrus orbiculatus)
Fox Sedge (Carex vulpinoidea)	Fox Sedge (Carex vulpinoidea)
Lurid Sedge (Carex lurida)	Fox Sedge (Carex vulpinoidea)
Jewelweed (Impatiens capensis)	Skunk Cabbage (Symplocarpus foetidus)

* denotes Connecticut Invasive Species Council invasive plant species

GENERAL COMMENTS:

Wetland 2 is primarily associated with Belden Brook, a perennial watercourse that consists of an incised 14- to 18-foot wide and 2- to 3-foot-deep stream channel with a stone/cobble bottom. Wetland flags WF 2-01 to 2-07 consists of a forested headwater seep wetland that transitions to a seasonal intermittent watercourse bisected by a cross country trail via a culvert. This watercourse converges with Belden Brook which the jurisdictional boundary consists of the ordinary high water mark and limited narrow bordering wetlands. A forested overstory is associated with the mapped wetland system with upland forest shading Belden Brook.

C:\Users\mkope\APT GIS Dropbox\APT GIS Team Folder\Projects\Langan\Hillcrest Middle School Trumbull\mxd\Hillcrest Wetland Inspection Map.mxd



Legend

- Study Area
- Wetland Flag
- 100-Foot Upland Review Area
- Delineated Wetland Boundary
- Approximate Wetland Area
- Culvert
- Intermittent Watercourse
- Perennial Watercourse
- Subject Property
- Approximate Parcel Boundary

N

250 125 0 250 Feet

Wetland Inspection Map

Proposed Development
Hillcrest Middle School
530 Daniels Farm Road
Trumbull, Connecticut

LANGAN

ALL-POINTS TECHNOLOGY CORPORATION

Map Notes:
Base Map Source: 2023 CT Aerial Imagery (CTECO)
Map Scale: 1 inch = 250 feet
Map Date: July 2025

Application No.

INLAND WETLANDS AND WATERCOURSES
COMMISSION
TOWN OF TRUMBULL
APPLICATION FOR PERMIT

SECTION I

1. Location/address of property where activity Is proposed: 201 Old Dike Road
Parcel Size .94 Ac. Zone:. AA Map ID: H/06/00113/000/ Current Use:. Residential
2. Applicant's Name: Aris W. Stalis, Aris Land Studio, LLC

Applicant's Address:. 3496 Whitney Avenue, Suite 203, Hamden, CT 06518

Telephone: (203)527-0075 Cell:. (203)606-3130 Email: Aris@ArisLS.com

Applicant's interest In property (lessee, licensee, Owner,etc.).: Agent

3. Name of Property Owner of Record: ACI Castello Property, LLC, Tiago Silva
If the owner is a corporation , or other non-individual entity, include the primary contact information.
Address of Owner of Record:. 840 Shelton Road, Trumbull, CT 06611

Telephone:--------Cell: (954)471-8059Email: minasulconstruction@hotmail.com

If Applicant Is the Owner, go to #5

4. The undersigned hereby authorizes Aris Land Studio, LLC to act as Agent on my behalf as related to this application.

X
(Owner of Record)

5. Description of proposed activity and location of property. Include listing of all proposed regulated activities
(use separate sheet if necessary):
Restoration / reconstruction of existing residence. Landscaping including replacement of existing driveway and front walk, installation of stormwater retention system.

The Applicant understands that this application is to be considered complete only when all information and documents required by the Agency has 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 it's agent(s) to inspect the subject land, at reasonable times, during the pendency of an application and far the life of the permit under Section 7.5 of the IWWC Regulations.

Applicant's Signature:_____ Date:_____
{If not the owner)

Owner's Signature: X _____ Date.:_____

Application No.

SECTION II

SITE PLAN REQUIREMENTS

1. Total property area: .94 Acres Zone: AA Number of Lots: 1

2.. Map ID, from assessor's card: H/06/00113/000/

3. Total area existing of wetlands on property: None, stream located off of property

4. Total area of Regulated area on property: 19,223 sq ft

5. Wetlands area to be disturbed: None

6. Upland Review area to be disturbed: 8,638 sq ft,

7. Proposed % of wetlands on the property to be disturbed: None

8. Total area of proposed land disturbance: 23,900 Square Feet

9. Is the proposed activity located within 500 feet of the boundary of Easton, Monroe, Shelton, Stratford, Bridgeport or Fairfield: Yes **No XX**
(If yes, see Section 8.3 of the Trumbull IWWC Regulations.)

10.Is any portion of the site located within a water company watershed: Yes **No XX**
(If yes, See Section 8.3 of Trumbull Inland Wetlands & Watercourses Regulations.)

11.Existing property coverage type data:

Percent of Regulated Area: Dominant Species:

Total Regulated Area: 19,223 Square Feet (47.9% of property)

Trees: Mixed Oak, beech, yellow birch, red maple

Shrubs: Browsed understory, no dominant species.

Grasses, weeds,etc: Poke weed, crabgrass, Halls honeysuckle, and other deer tolerant weeds and grasses

Impervious area: 4,039 Square Feet

12.Existing watercourse data and open water characteristics:(if applicable)

a. Size of pond(s) or lake(s): N/A

b. Stream characteristics: Class 2 is described as minimally altered stream flow, per CT Stream Flow Standards + Regulations **Permanent**

c. 100 year flood evaluation: Outside of the 100 Year Food Elevation, see attached Map

13.Probable effect of proposal (if any) on vegetation and wildlife: Previous removal of existing large caliper trees and surface vegetation as indicated by stumps had a negative impact on insect, bird and small mammal life by reducing foraging, nesting and habitat. Site plantings are proposed to mitigate the impacts are native planting in and outside the review area, including deer tolerant shrubs, tree, perennials and grasses. A new deer tolerant meadow area will provide enhanced opportunities for a large variety of species.

14.Existing or proposed source(s) of water supply for the property: Public

15.Existing or proposed method of sewage disposal for the property: Public

16.Creation of proposed water bodies (If yes, detailed information will be required. Yes: No: XX

17. List of proposed measures to protect regulated and inland wetland areas from:

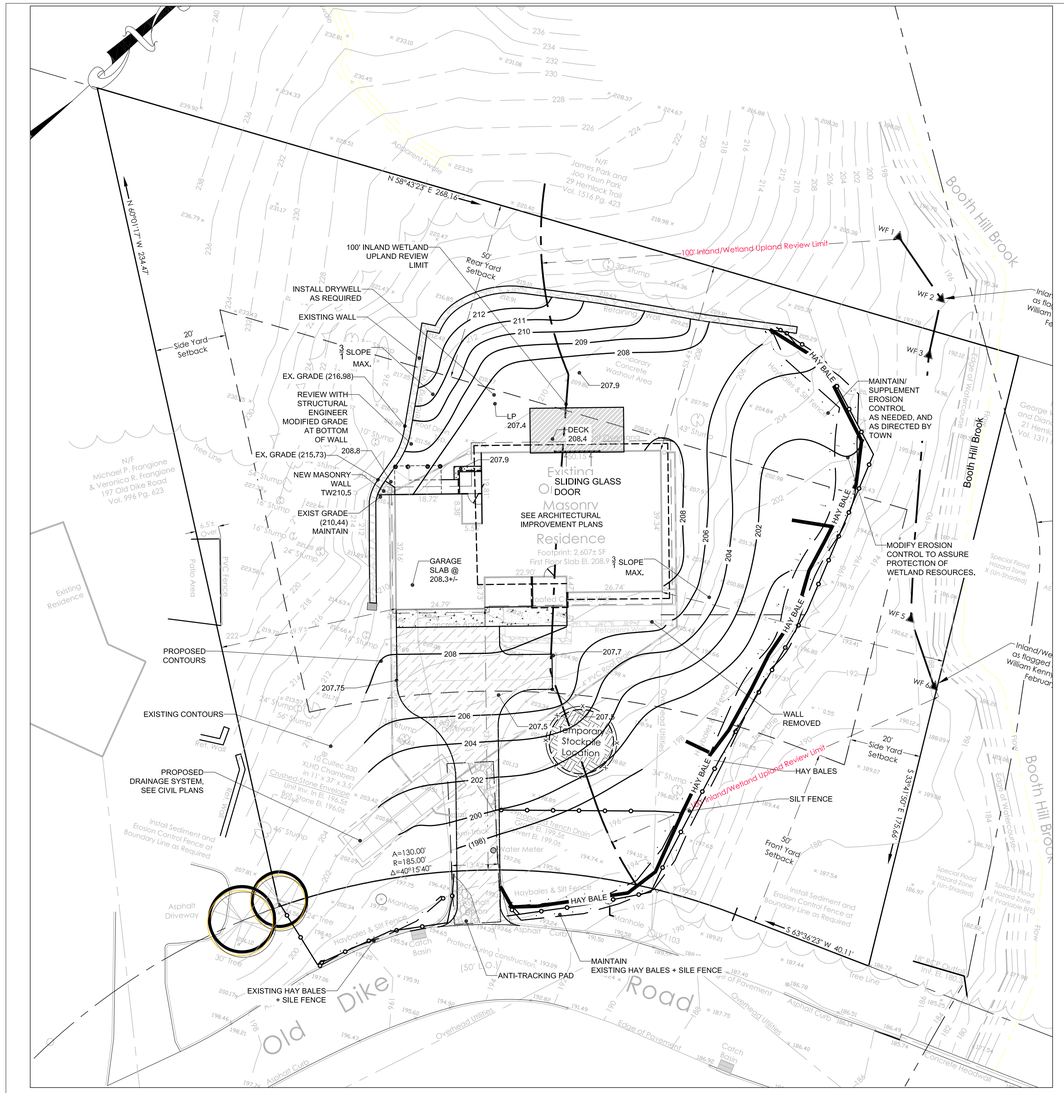
a. Erosion and sedimentation: Site is currently stabilized with turf seed. Silt fence, hay bales, anti-tracking pad, silt sack for catch basin.

18.Proposed percent of Regulated area to be covered with impermeable surface: 1,958 Sq. Ft.

19.Material to be (check all that applies**):** deposited excavated __ (if yes, complete the following)•

a. Area: Volume: Site Work Expected to be Balanced – No soil to be imported

b. Physical & Chemical composition of material to be deposited:



PROJECT DESCRIPTION:

THE PROJECT CONSISTS OF IMPROVEMENTS TO THE LAND DISTURBANCE AT 201 OLD DIKE RD, TRUMBULL, CT.

THE INTENT OF THE SEDIMENT AND EROSION CONTROL PLAN IS TO COLLECT SEDIMENT IN RUNOFF DURING CUTTING AND FILLING OPERATIONS BEFORE CONSTRUCTION AREAS ARE STABILIZED. SEDIMENT AND EROSION CONTROL MEASURES AS DESCRIBED HEREIN SHALL BE INSTALLED WHERE SHOWN IN THE PLANS AND AS DIRECTED BY THE LANDSCAPE ARCHITECT OR MUNICIPAL INSPECTOR (Town Engineer - wmaurer@trumbull-ct.gov) EXISTING DRAINAGE CHANNELS AND STORM DRAINAGE STRUCTURES WILL BE MAINTAINED AND PROTECTED DURING CONSTRUCTION UNTIL NEW DRAINAGE APPURTENANCES, WHERE PROPOSED, ARE OPERATIONAL.

SILTATION AND EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE "2024 CT DEP GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.".

THE SEQUENCE OF CONSTRUCTION IS TO TAKE PLACE AS FOLLOWS:

1. INSTALLATION OF PERIMETER EROSION/SILTATION CONTROL MEASURES
1. CLEAN OUT CATCH BASIN AND INSTALL SILT SACK.
2. GRUBBING
3. TOPSOIL REMOVAL AND STOCKPILING. SUBGRADE SOIL REMOVAL AND STOCKPILING. STOCKPILED MATERIAL TO BE PLACED IN DESIGNATED AREAS. AS SHOWN ON THE PLANS, OR AS DIRECTED BY LANDSCAPE ARCHITECT. ALL STOCKPILES TO BE STABILIZED UPON COMPLETION OF DUMPING SEQUENCE AT EACH LOCATION.
4. ROUGH GRADING
5. BUILDING RECONSTRUCTION.
6. INSTALLATION OF STEPS, WALKWAYS, PATIOS, DECKS.
7. SMOOTH TRANSITION FROM LAWN TO WOODS ALONG EASTERN EDGE OF LAWN
8. INSTALLATION OF LANDSCAPE PLANTINGS
9. TOPSOIL AND FINAL SEEDING OF ALL DISTURBED AREAS, AND OTHER AREAS WITHIN CLL AS DIRECTED BY OWNER'S REPRESENTATIVE
10. REMOVAL OF PERIMETER EROSION CONTROL MEASURES.
11. FINAL CLEAN-UP

SEDIMENTATION AND EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL ASSIGN A PERSON OR PERSONS WHO WILL BE RESPONSIBLE FOR IMPLEMENTING THE EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN AND DESCRIBED HEREIN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF SEDIMENT AND EROSION CONTROL METHODS AND INFORMING ALL PARTIES ENGAGED IN THE CONSTRUCTION OF THE SITE OF THE REQUIREMENTS AND OBJECTIVES OF THIS PLAN, AND NOTIFYING THE PLANNING AND ZONING OFFICER OF ANY TRANSFER OF THIS RESPONSIBILITY.
1. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED BEFORE ANY LAND DISTURBANCE AND SHALL CONSIST OF: ANTI-TRACKING PAD, HAYBALES, SILT FENCE, MULCH, AND TEMPORARY SEEDING. MEASURES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
2. CLEAN OUT OF CATCH BASIN SOCKS SHALL OCCUR ON A REGULAR BASIS DURING THE CONSTRUCTION PERIOD. THE ACCUMULATED SEDIMENT SHALL BE DISPOSED OF TO A LOCATION APPROVED BY THE ENGINEER OR CITY REPRESENTATIVE.
3. THE OWNER HAS THE AUTHORITY TO CONTROL THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION OPERATIONS AND TO DIRECT THE CONTRACTOR TO IMMEDIATELY PROVIDE PERMANENT OR TEMPORARY POLLUTION CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT STREAMS, WATERCOURSES, LAKES, PONDS, OR OTHER AREAS OF WATER IMPOUNDMENT. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR TO PREVENT EROSION ON THE SITE AND ABUTTING PROPERTY.
4. THE LANDSCAPE ARCHITECT HAS THE AUTHORITY TO DIRECT THE CONTRACTOR TO DIVERT SURFACE WATER RUN-OFF AWAY FROM EXPOSED RAW EARTH SURFACES THROUGH THE USE OF TEMPORARY BERMS, DIKES AND DIVERSION CHANNELS.
5. THE EROSION CONTROL FEATURES SHALL BE INSTALLED AND MAINTAINED BY THE CONTRACTOR AND SHALL BE CHECKED DAILY AND AFTER EACH SEVERE RAIN STORM FOR DAMAGE, UNTIL SUCH FEATURES ARE, IN THE OPINION OF THE LANDSCAPE ARCHITECT, NO LONGER NEEDED. ALL SEDIMENTATION TRAPS AND SEDIMENTATION BASINS SHALL HAVE THE ACCUMULATED SEDIMENT AND/OR CLEAN WATER REMOVED BEFORE IT SIGNIFICANTLY REDUCES THEIR STORAGE VOLUME OR FUNCTION, PRIOR TO THE NEXT RAIN STORM FORECAST FOR THE REGION.
6. THE CONTRACTOR SHALL, AT ALL TIMES, HAVE ON HAND THE NECESSARY MATERIALS AND EQUIPMENT TO PROVIDE FOR EARLY SLOPE STABILIZATION AND CORRECTIVE MEASURES TO DAMAGED SLOPES. THE CONTRACTOR SHALL RESPOND TO MAINTENANCE OR ADDITIONAL MEASURES ORDERED BY THE LANDSCAPE ARCHITECT WITHIN 24 HOURS.
7. THE CONTRACTOR SHALL PERFORM DUST CONTROL ON A DAILY BASIS DURING PERIODS OF DRY WEATHER, ON ALL AREAS WHERE SOIL HAS NOT YET BEEN STABILIZED AND AS DIRECTED BY THE ENGINEER.
8. THE CONTRACTOR SHALL OPERATE ALL EQUIPMENT AND PERFORM ALL CONSTRUCTION OPERATIONS SO AS TO MINIMIZE POLLUTION TO ADJACENT WATER COURSES OR WETLANDS AREAS. THE CONTRACTOR SHALL CEASE ANY OF HIS OPERATIONS WHICH WILL INCREASE POLLUTION DURING RAIN STORMS.
9. ALL SLOPES OF STOCKPILE MATERIAL AND OTHER DISTURBED AREAS SHALL BE STABILIZED AND PROTECTED BY SURROUNDING WITH SILT FENCING OR HAY BALES, OR OTHERWISE PROTECTED AS APPROVED BY THE LANDSCAPE ARCHITECT. ALL DAMAGED AREAS SHALL BE REPAIRED AS SOON AS POSSIBLE. THE LANDSCAPE ARCHITECT SHALL LIMIT THE SURFACE AREA OF EACH MATERIAL EXPOSED IF THE CONTRACTOR FAILS TO SUFFICIENTLY PROTECT THE SLOPES TO PREVENT POLLUTION.
10. AT THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES, WHEN ALL DISTURBED AREAS ARE STABILIZED WITH NEW TURF, PAVEMENT, ETC., THE CONTRACTOR SHALL COMPLETELY REMOVE ALL SEDIMENTATION AND EROSION CONTROL MEASURES (MULCH, HAY BALES AND RIP-RAP) FROM THE SITE, UNLESS SPECIFICALLY ORDERED BY THE LANDSCAPE ARCHITECT TO REMAIN IN PLACE. SILT FENCING SHALL BE CUT FLUSH WITH THE GROUND AND ANY ACCUMULATED SEDIMENTATION SHALL BE THINLY SPREAD UPON EXISTING GROUND COVER

MULCHES: SHALL BE HAY, STRAW, WOOD CELLULOSE, WOOD CHIPS, STONE, NETTING, BURLAP OR OTHER SUITABLE MULCH MATERIAL AS APPROVED BY THE LANDSCAPE ARCHITECT. MULCHES SHALL BE REASONABLY CLEAN AND FREE OF NOXIOUS WEEDS AND DELETERIOUS MATERIALS. ASPHALT SPRAYS WILL NOT BE ALLOWED. THE CONTRACTOR SHALL PREVENT STRAW, WOOD CHIPS, ETC., FROM ENTERING ANY RESERVOIRS OR WATERCOURSES.

HAY BALES: SHALL BE PLACED AROUND ALL EXISTING DRAINAGE INLETS OR AS DIRECTED BY THE LANDSCAPE ARCHITECT. THEY SHALL BE HELD IN PLACE BY TWO WOODEN STAKES IN EACH BALE. BALES SHALL BE MAINTAINED OR REPLACED AS ORDERED BY THE LANDSCAPE ARCHITECT UNTIL THEY ARE NO LONGER NECESSARY FOR THE PURPOSE INTENDED OR ARE ORDERED REMOVED BY THE LANDSCAPE ARCHITECT. HAY BALES SHALL BE MADE OF HAY WITH 40 POUNDS MINIMUM WEIGHT AND 120 POUNDS MAXIMUM WEIGHT. WOOD STAKES SHALL BE A MINIMUM OF 1 INCH BY 1 INCH NOMINAL SIZE BY A MINIMUM OF 3 FEET LONG.

SILT FENCE: SHALL CONSIST OF 3-FOOT WIDE GEOSYNTHETIC FABRIC WITH PREFABRICATED WOOD POSTS AS MANUFACTURED BY "MIRAFI" OR EQUAL. THE BOTTOM SIX INCHES OF FABRIC SHALL BE BURIED BY EITHER TRENCHING OR BY LAYING THE SIX INCH SECTION HORIZONTALLY ON THE GROUND AND BURYING BY RAMPING THE TOPSOIL UP TO THE CONTROL FENCE.

- MINIMUM LENGTH OF SILT FENCE IS 15 L.F.
- MAXIMUM POST SPACING IS 10 L.F.
- JOINTS IN FILTER FABRIC SHALL BE ONLY AT SUPPORT POSTS WITH
- MINIMUM 6" OVERLAP, SECURELY SEALED
- SILT FENCE SHALL NOT BE USED IN A WATER COURSE
- FABRIC SUSCEPTIBLE TO SUNLIGHT DAMAGE SHALL NOT BE USED
- IN ANY INSTALLATIONS WHERE EXPOSURE TO LIGHT WILL EXCEED 30 DAYS, UNLESS SPECIFICALLY AUTHORIZED IN WRITING BY THE LANDSCAPE ARCHITECT
- TEMPORARY SWALES AND SEDIMENTATION BASINS MAY BE CONSTRUCTED OF RIP-RAP, MULCH, HAY BALES OR JUTE MESH. PORTLAND CONCRETE OR BITUMINOUS CONCRETE WILL NOT BE ALLOWED
- TEMPORARY GRASS SEED SHALL BE PERENNIAL RYE-GRASS (LOLIUM PERENNE) OR AN IMPROVED VARIETY THEREOF, SUCH AS MANHATTAN, HAVING A MINIMUM PURITY OF 98 PERCENT AND A MINIMUM GERMINATION OF 90 PERCENT. THE SEEDING MAY BE ALTERED BY THE LANDSCAPE ARCHITECT IF REQUESTED BY THE CONTRACTOR TO SUIT SPECIAL AREAS OR CONDITIONS.

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.
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. All materials and methods of construction shall conform to CONN DOT Form 819, latest edition, as amended, unless other shown on the drawings or specifications herein.
8. 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.
9. Based on Site Plans prepared by Aris Land Studio are based on SURVEY PREPARED BY Cabezas Engineering and Land Surveying, LLC, dated 12/1/2025. Verify all measurements in field.

LIST OF DRAWINGS

L-1 SITE PREPARATION + GRADING PLAN
L-2 SITE IMPROVEMENT + PLANTING PLAN
L-3 MISCELLANEOUS DETAILS
-- SITE IMPROVEMENT LOCATION SURVEY + TOPOGRAPHIC SURVEY

NORTH

0' 10' 20' 30' 40'

STATE OF CONNECTICUT · LESLIE W. STALIS · REGISTERED LANDSCAPE ARCHITECT · NO. 616

SITE PREPARATION + GRADING PLAN

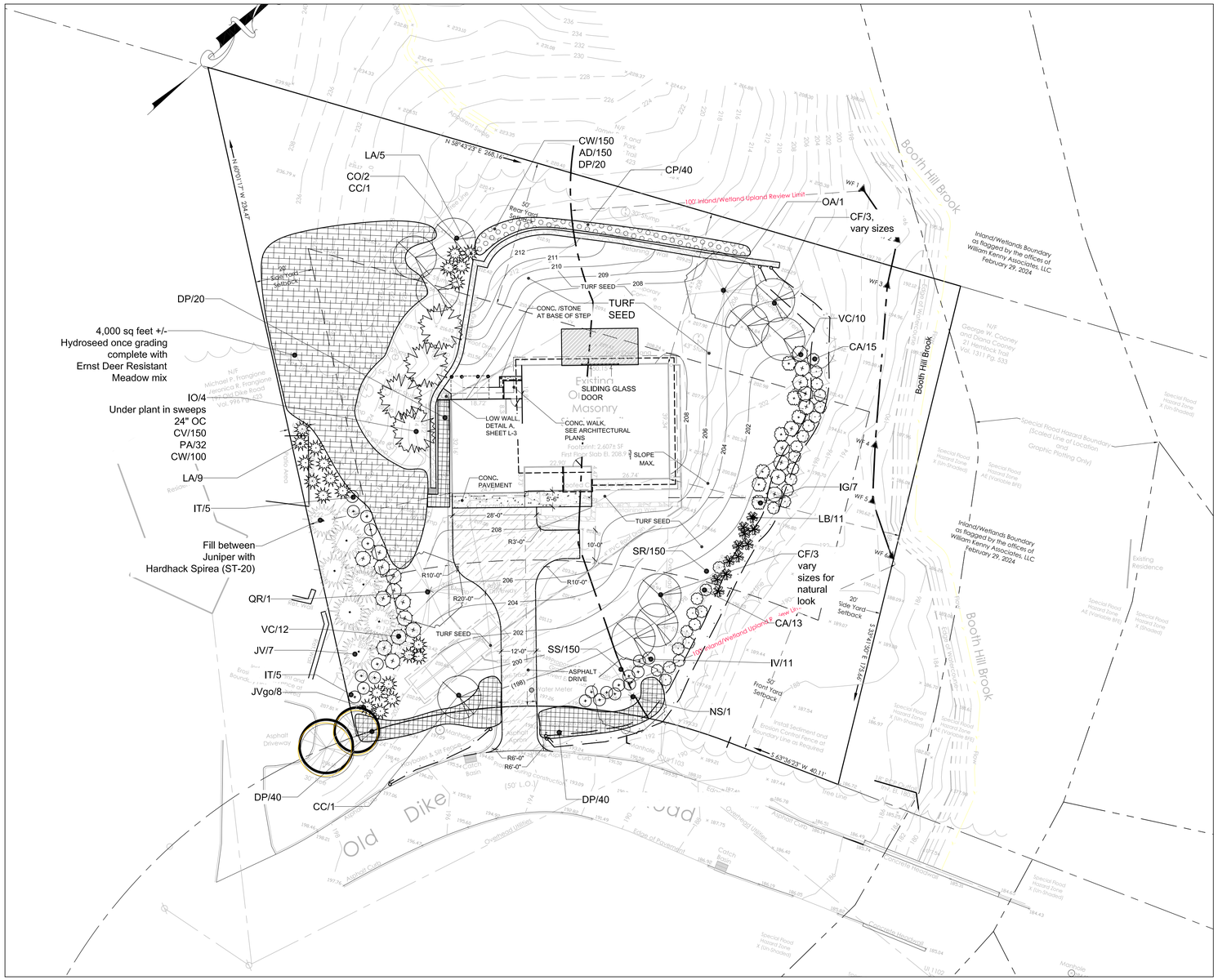
NO.	REVISION / ISSUE	DATE:

201 Old Dike Rd
Trumbull, CT
prepared for ACI Castello Property, LLC

ARIS LAND STUDIO
Sustainability + Land Architecture
78 Elm Street
Bridgeport, CT 06604
www.arisls.com
203.606.3130

DATE:
ISSUED FOR:
DWG. No.: L-1

ALS CONTRACT NO. 23-310 DRAWN BY: SCALE: 1"= 20'



PLANT SCHEDULE

Quantity	Symbol	Botanical name	Common Name	Size	notes
		TREES			
2	CO	*Carpinus caroliniana*	American Hornbeam	# 3	
2	CC	*Cercis canadensis*	Eastern Redbud	# 10-15	
3	CF	*Cornus florida*	Flowering Dogwood	# 5 gallon	
3	CF	*Cornus florida*	Flowering Dogwood	# 10	
4	IO	*Ilex opaca*	American Holly	5-6' B&B	
7	JV	*Juniperus virginiana*	Eastern Red-Cedar	# 15	5' - 6' height
1	NS	*Nyssa sylvatica*	Black-gum, Tupelo	# 15 8-10'	
1	OA	*Oxydenron aboreum*	Sourwood	# 7	
1	QR	*Quercus rubra*	Red Oak	2.5-3" B&B	
		SHRUBS			
28	CA	*Clethra alnifolia*	Summersweet, Sweet Pepper	# 2	mix varities for more interest
40	CP	*Comptonia peregrina*	Sweet Fern	# 1	
7	IG	*Ilex glabra*	Inkberry	# 2	
10	IT	*Itea virginica*	Virginia Sweetsplre	#3	
11	IV	*Ilex verticillata*	Winterberry Holly	# 2	mix varieties red,yellow,orange +1 male
8	JCgo	*Juniperus virginina 'Grey owl'*	Grey Owl Red Cedar	# 3	
14	LA	*Leucothoe axillaris*	Fetterbush	# 2	
11	LB	*Lindera benzoin male & female*	Spicebush	# 2	MALE + FEMALE
22	VC	*Vaccinium corymbosum*	Highbush Blueberry	# 2	Mixed varieties for fruiting
		Fems, Grasses, Herbacious			
150	AD	*Aster divaricatus (Eurybia divaricata)*	White Wood Aster	2" PLUG	18" O.C.
50	BO	*Bouteloua curtipendula*	Side Oats Gama Grass	2" PLUG	
150	CV	*Chrysogonum virginianum*	Green & Gold	3" pot	18 per tray
250	CW	*Carex woodii*	Woods Sedge	2" PLUG	18" O.C.
100	DP	*Dennstaedtia punctilobula*	Hay Scented Fern	2" PLUG	36" O.C.
32	PA	*Polystichum acrostichoides*	Christmas Fern	2" PLUG	
150	SR	*Solidago rugosa 'Fireworks'*	Golden Rod - Fireworks	2" PLUG	Install at edge of plantings
150	SS	*Schizachyrium scoparium*	Little Blustem	2" PLUG	Install at edge of plantings

SOIL DECOMPACTION NOTES

1. The contractor shall decompact all soils within landscape areas to a minimum depth of 24 inches. Decompaction shall be done in a manner without disturbing existing tree roots, or within the dripline of existing trees. Complete decompaction prior to placing topsoil.
2. To "shatter" or "mix" soils, the contractor may utilize rock rippers, subsoilers, and "winged" subsoilers, plows, spaders, and attachments to excavators. Methods will be reviewed and approved by landscape architect.
3. Soils should not be wet during ripping, causing too little soil shatter. Subsoiling when soils are extremely dry can bring up large blocks of soils, especially when the soils are high in clays (cohesive soils). Soil shall be broken down to 24" below finished grade.

PLANTING NOTES

1. The Contractor shall install 3" mulch in all landscape beds following installation of plantings. The Contractor shall return in the fall to remove invasive plants. Twelve months after completion, the Contractor shall return to topdress the mulch beds. The Contractor shall review plant material health with the Owner at the time of topdressing.
2. All remaining turf / landscaped areas not noted on this plan to receive plantings or specific seed mix shall be seeded with general turf seed mix.
3. Contractor shall restore all disturbed landscape areas with turf seed. Seed shall be "Supreme #14" available from Planters Choice, Newtown, CT. Rake seeded areas to remove stones in excess of 1". Mulch seeded areas with shredded hay for moisture retention. Apply establishment fertilizer based on soil testing from State Certified soil testing laboratory.
4. All planting areas to receive 6" minimum of topsoil, unless otherwise noted in soil profile description. Topsoil shall be: ASTM D5268-02, pH range of 5.5 to 7.0, no less than 3% and no more than 5% (percent) organic material minimum; free of stones 1 inch (25 mm) or larger in any dimension and 97% - 100% will pass ¼" mesh sieve, and no other extraneous materials harmful to plant growth. Topsoil characteristics shall include: Texture: Sandy loam to silty clay loam; Structure: Granular, crumb, or fine subangular blocky. Loose or single-grained soils are discouraged; Soluble Salts: less than 200 ppm; Soils dominant in sand, silt, or clay singularly are not permitted.
5. Invasive Plants Removal - Remove all vegetation in area identified in plans. Stems of invasive species in excess of ½" shall be treated with herbicide concentrate. Remaining areas shall be spot treated, to eliminate invasive plant species. Treat area monthly following plant material removal. Treatments shall continue for two (2) years minimum. Poison Ivy removal shall be included in the work. All work shall be completed per Connecticut laws and regulations.

NORTH

0' 10' 20' 30' 40'

STATE OF CONNECTICUT · CHRIS W. STYLES · REG. NO. 1111 · LANDSCAPE ARCHITECT

SITE IMPROVEMENT + PLANTING PLAN

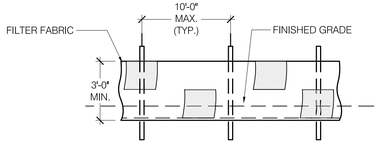
NO.	REVISION / ISSUE	DATE:

201 Old Dike Rd
Trumbull, CT
prepared for ACI Castello Property, LLC

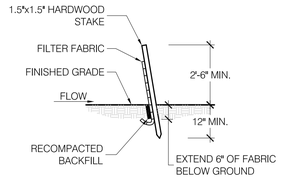
ARIS LAND STUDIO
Sustainability + Land Architecture
78 Elm Street
Bridgeport, CT 06604
www.arisls.com
203.606.3130

DATE:
ISSUED FOR:
DWG. No.: L-2

ALS CONTRACT NO. 23-310 | DRAWN BY: | SCALE: 1"= 20'

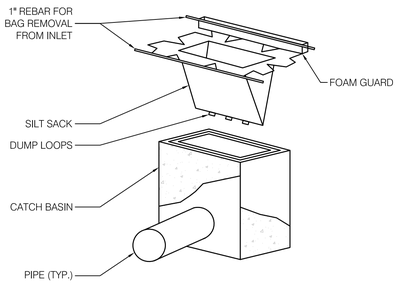


ELEVATION

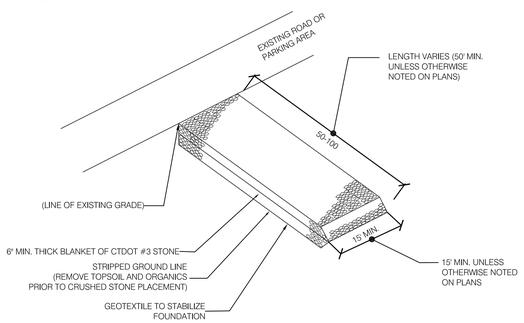


SECTION

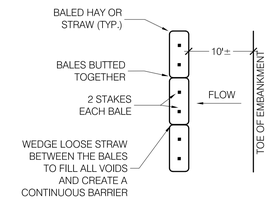
SILT FENCE DETAIL
SCALE: N.T.S.



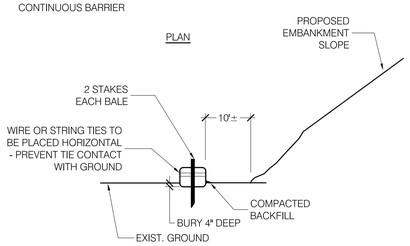
SILT SACK™ - CATCH BASIN INSERT
SCALE: N.T.S.



ANTI-TRACKING PAD DETAIL
SCALE: N.T.S.



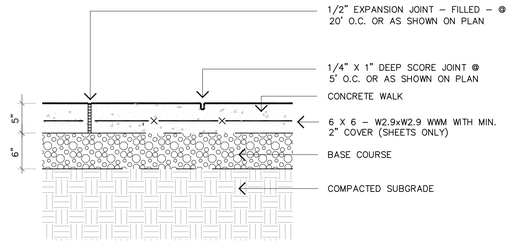
PLAN



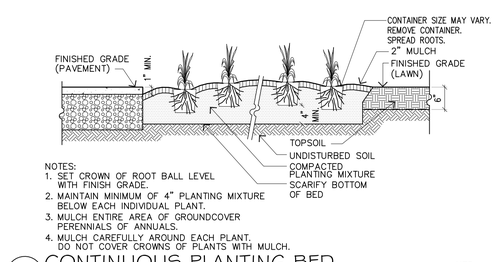
SECTION

"TYPE B" - TO BE USED WHERE THE EXISTING GROUND SLOPES AWAY FROM THE TOE OF THE EMBANKMENT. INSTALL AND MAINTAIN THROUGHOUT CONSTRUCTION PERIOD.

HAY BALE DETAIL - TYPE 'B'
SCALE: N.T.S.



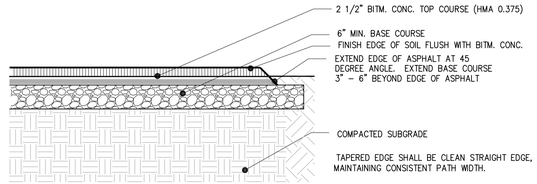
LIGHT DUTY CONCRETE PAVEMENT – SECTION
NTS



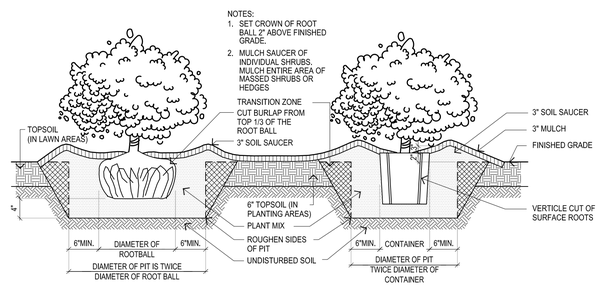
NOTES:
1. SET CROWN OF ROOT BALL LEVEL WITH FINISH GRADE.
2. MAINTAIN MINIMUM OF 4" PLANTING MIXTURE BELOW EACH INDIVIDUAL PLANT.
3. MULCH ENTIRE AREA OF GROUNDCOVER PERENNIALS OF ANNUALS.
4. MULCH CAREFULLY AROUND EACH PLANT. DO NOT COVER CROWNS OF PLANTS WITH MULCH.

CONTINUOUS PLANTING BED
NTS

(PERENNIALS, GROUNDCOVERS OR ANNUALS)

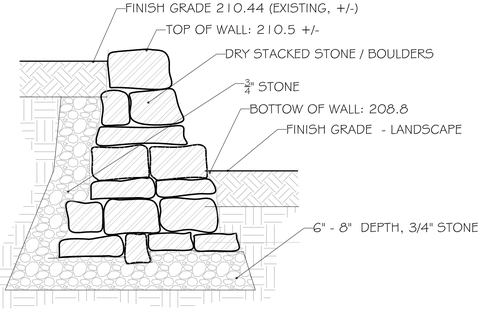


BITM. CONC. PAVEMENT
NTS



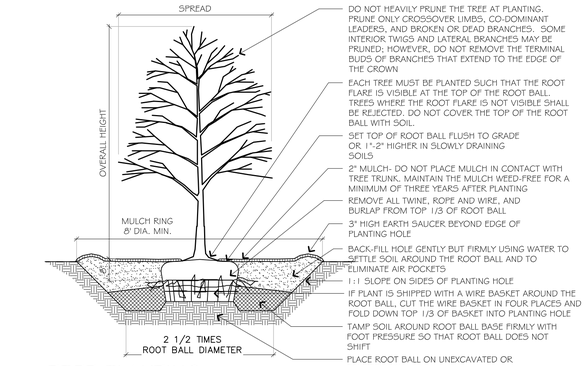
BALLED AND BURLAPPED MATERIAL

CONTAINER GROWN MATERIAL



NOTES
1. WALL DETAIL IS DIAGRAMATIC.
2. WALLS IN EXCESS OF 36" HEIGHT REQUIRES CERTIFICATION BY PROFESSIONAL ENGINEER.

A LOW STONE WALL
SCALE: 3/4" = 1'-0"



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.

0' 10' 20' 30' 40'

MISCELLANEOUS DETAILS

NO.	REVISION / ISSUE	DATE:

201 Old Dike Rd
Trumbull, CT
prepared for ACI Castello Property, LLC

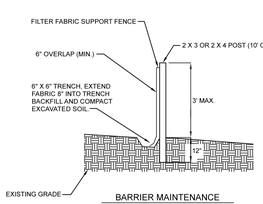
ARIS LAND STUDIO
Sustainability + Land Architecture
78 Elm Street
Bridgeport, CT 06604
www.arisls.com
203.606.3130

DATE:
ISSUED FOR:
DWG. No.: L-3

ALS CONTRACT NO. 23-310 | DRAWN BY: | SCALE: 1"= 20'

NOTES

1. THIS SURVEY AND 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 **LIMITED PROPERTY/BOUNDARY SURVEY** BASED ON A DEPENDENT RESURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS **A-2** AND TOPOGRAPHIC ACCURACY CLASS **T-2** AND IS INTENDED FOR **MUNICIPAL COMPLIANCE** PURPOSES.
2. THIS MAP IS NOT VALID WITHOUT A LIVE SIGNATURE AND EMBOSSED SEAL.
3. ALL IMPROVEMENTS SHOWN BASED ON FIELD MEASUREMENTS AND OBSERVATIONS.
4. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AS DETERMINED USING GEOID03. LINEAR UNITS ARE IN U.S. SURVEY FEET. HORIZONTAL COORDINATES ARE REFERRED TO THE CONNECTICUT COORDINATE SYSTEM OF 1983, AS REALIZED FROM OBSERVATION REFERENCED TO NAD83 (CORS96). COORDINATES WERE DETERMINED FROM STATIC GPS OBSERVATIONS MADE ON **FEBRUARY 10, 2024** IN ACCORDANCE WITH "GUIDELINES AND SPECIFICATIONS FOR GLOBAL NAVIGATION SATELLITE SYSTEM LAND SURVEYS IN CONNECTICUT" ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC., HOLDING THE FOLLOWING VALUES FOR PUBLISHED BASE DATA:
   BASE POINT: 2_BASE_1,
   LATITUDE: 41°16'03.13598",
   LONGITUDE: 73°00'03.97240",
   ELEVATION 6.5845.
5. MAP REFERENCES
   A. PLAN OF LAND IN TRUMBULL, CONN., PLAN 3, PINEWOOD LAKE, FOR THE FIRST NATIONAL BANK & TRUST CO., TRUSTEES, BRIDGEPORT, CONN. FEB. 1, 1944, SCALE: 1" = 100', PREPARED BY FRANK C. PENNY, ENGINEER & SURVEYOR, ON FILE IN THE TOWN OF TRUMBULL TOWN CLERK'S OFFICE AS **RECORD MAP NUMBER 256**.
6. RECORD OWNER: ACI COSTELLO PROPERTY, LLC
   VOL. 1910 PG. 694
7. ASSESSOR'S REFERENCE: MAP I-07 | LOT 30
8. PARCEL AREA: 40,123± SQ. FT., OR 0.921± AC.
9. PARCEL IS LOCATED WITHIN THE '**AA**' ZONING DISTRICT.
10. SEE FLOOD INSURANCE RATE MAP: FAIRFIELD COUNTY, CONNECTICUT (ALL JURISDICTIONS), PANEL **293** OF 626, COMMUNITY **TRUMBULL**, TOWN OF, NUMBER **090017** PANEL **0293** SUFFIX **F**, MAP NUMBER **09001C0293F**, MAP REVISED **JUNE 18, 2010**. THE PARCEL IS LOCATED IN AREAS DESIGNATED AS **ZONE AE** & **ZONE X** (**UNSHADED**).
11. BOUNDARY LINES DEPICTED HEREON ARE A RESULT OF EXTENSIVE RECORD RESEARCH, FIELD EVIDENCE AND FIELD MEASUREMENTS HOWEVER, RECORD MAPS, DEEDS, AND OTHER DRAWINGS IN THE FILES OF VARIOUS DEPARTMENTS OF THE **TOWN OF TRUMBULL** EVIDENCE DISCREPANCIES, IN SOME CASES SIGNIFICANT, WITH RESPECT TO LINES OF TITLE (INCLUDING STREET LINES). THE LINES OF TITLE EVIDENCED IN THE DOCUMENTS REFERENCED HEREIN DO NOT NECESSARILY AGREE WITH PINS, PIPES, MONUMENTS, ETC. FOUND OR WITH OTHER PHYSICAL EVIDENCE FOUND. THE **TOWN OF TRUMBULL** HAS ESTABLISHED STREET LINES IN THE SUBJECT AREA; HOWEVER, ORIGINAL MONUMENTATION HAS BEEN REMOVED OR NOT FOUND. THE PROPERTY LINES, INCLUDING THE STREET LINES DEPICTED AND NOTED HEREON REPRESENT THE APPARENT "**BEST FIT**" OF THESE CONFLICTING ELEMENTS AND ARE CONSIDERED TO BE THOSE WHICH ARE TO BE MOST LIKELY CORRECT AND ARE SUBJECT TO ANY REVISION OR CORRECTION WHICH MAY BE REQUIRED BY APPROPRIATE LEGAL PROCEEDINGS OR BY DISCOVERY OF ADDITIONAL INFORMATION.
12. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. CABEZAS DeANGELIS MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. CABEZAS DeANGELIS FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH IT IS CERTIFIED THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. CABEZAS DeANGELIS HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. CALL BEFORE YOU DIG, INC. (**1-800-922-4455**).

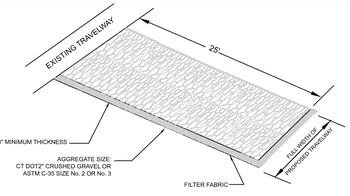


BARRIER MAINTENANCE

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

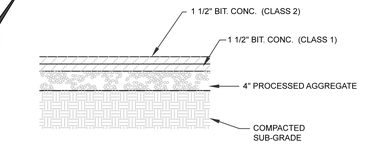
FILTER FENCE DETAIL

(N.T.S.)



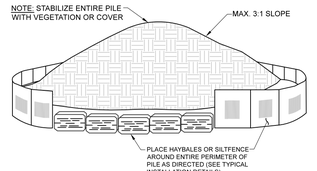
ANTI-TRACKING PAD

NTS



BITUMINOUS CONCRETE PAVEMENT

SCALE: NTS



INSTALLTION NOTES:

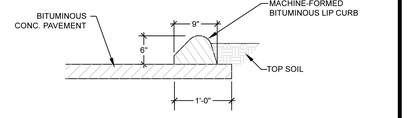
1. AREA CHOSEN FOR STOCKPILE OPERATION SHALL BE DRY AND STABLE.
2. THE GROUND SURFACE SHALL SLOPE AWAY FROM THE STOCK PILE.
3. IF NECESSARY, PLACE TARP OR IMPERVIOUS MATERIAL BENEATH STOCKPILE TO PREVENT MIXING OF SOIL.
4. COVER STOCKPILE WITH FABRIC OR VEGETATION AS DIRECTED.
5. MAX. SLOPE OF STOCKPILE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

TEMPORARY SOIL STOCKPILE

NTS

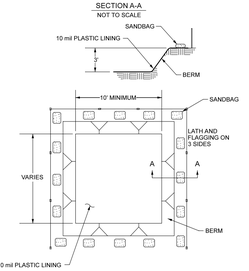
LOCATION MAP

SCALE: 1" = 800'



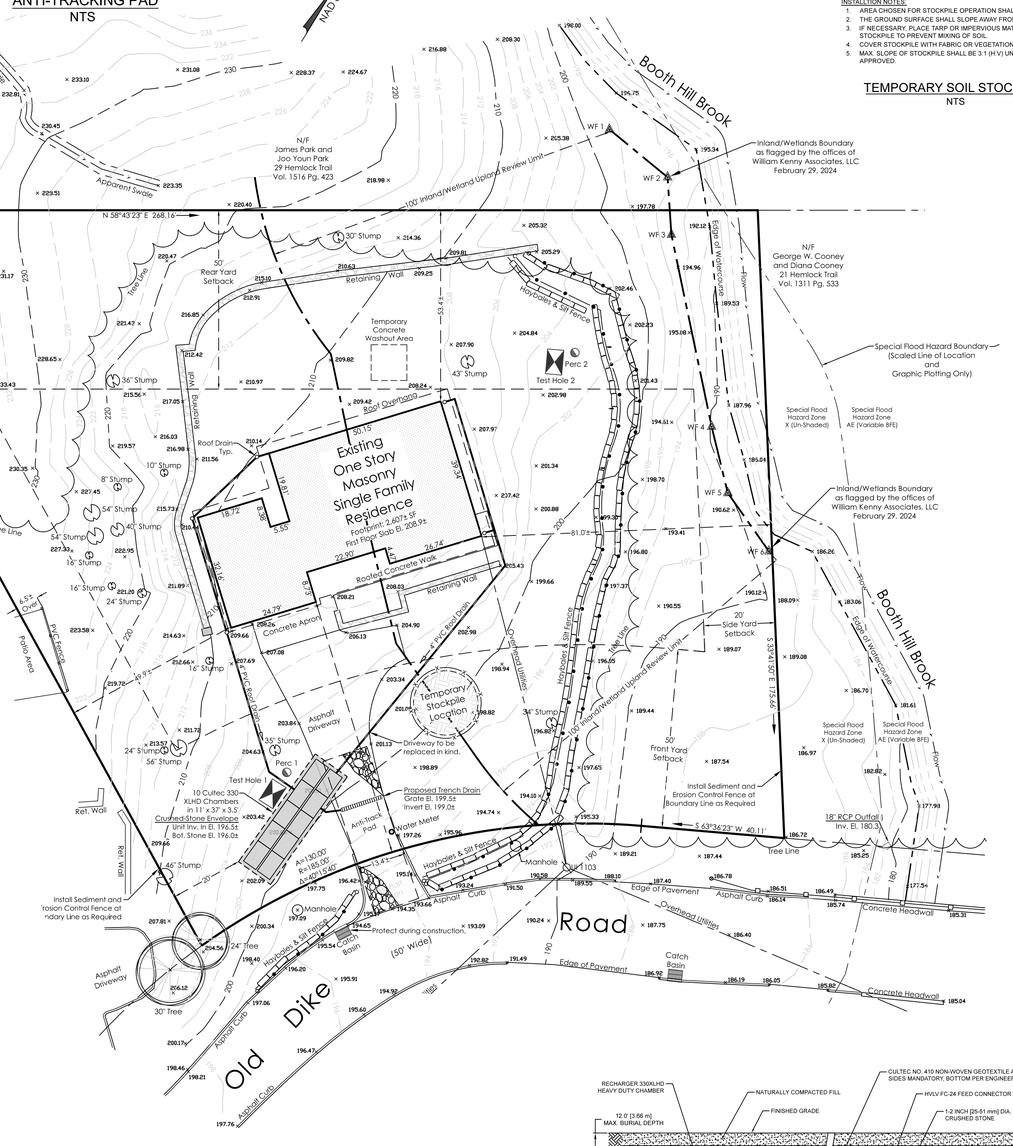
BITUMINOUS LIP CURB

SCALE: NTS



CONCRETE WASHOUT TYPE "BELOW GRADE"

NOT TO SCALE



Zone Residence AA

REQUIREMENTS	REQUIRED	EXISTING
LOT AREA	1 AC/43,560 SF	40,123± SF
MIN. ROAD FRONTAGE (FT)	150'	170.11'
MIN. FLOOR AREA (SQ. FT)	1 STORY (1ST FL=1400)	1,860± SF
	1.5 STORY (1ST FL=1150; 2ND FL=500)	N.A.
	2 STORY 1ST FL=1000; 2ND FL=800)	N.A.
MAX. BUILDING HEIGHT (FT)	40 (g)	11'±
MINIMUM YARDS (FEET IN DEPTH)		
FRONT	50'	73.1'±
SIDE	20'	49.9'± & 81.0±
REAR	50'	53.4'±
MAXIMUM COVERAGE		
MAX. BUILDING COVERAGE	N.A.	N.A.
MAX. FLOOR AREA RATIO (ALL BUILDINGS)	0.29	0.06

NOTES:

a. ALSO APPLIES TO PRE-EXISTING NONCONFORMING RESIDENCE USES EXCEPT AS OTHERWISE SPECIFICALLY PROVIDED IN THESE REGULATIONS.
b. FRONTAGE REQUIREMENT APPLIES TO ENTIRE AREA ZONED PLANNED RESIDENTIAL CONSERVATION ZONE (PRCZ).
c. NO PRINCIPLE BUILDING WITHIN THE PRCZ SHALL BE WITHIN FIFTY (50') FEET OF A BOUNDARY LINE OF A PRCZ. THE FRONT SETBACK IN A PRCZ IS THE DISTANCE MEASURED FROM THE CLOSEST PART OF THE BUILDING LOCATED TO THE EDGE OF THE PAVEMENT.
d. THE MAXIMUM BUILDING COVERAGE SHALL BE FIFTEEN (15%) PERCENT OF THE LAND LOCATED IN THE PRCZ.
e. TO BE SPECIFIED BY THE PLANNING AND ZONING COMMISSION UNDER ARTICLE II, SECTION 3. (EFFECTIVE 3/4/60).
f. MAY BE INCREASED TO 45 FEET FOR WALK-OUT BASEMENTS. (SEE ARTICLE II, SECTION 3.1.8. JULY 25, 2008.)
g. SECTION 3.3 OF ARTICLE III - GARAGES ATTACHED TO THE PRINCIPLE BUILDING SHALL BE NO HIGHER THAN THE HIGHEST POINT OF THAT BUILDING, OR THE MAXIMUM BUILDING HEIGHT ALLOWED FOR THAT ZONE, WHICHEVER IS LOWER. DETACHED GARAGES SHALL BE NO HIGHER THAN ONE (1) STORY, OR FIFTEEN (15) FEET, WHICHEVER IS GREATER.

OWNER INFORMATION

ACI COSTELLO PROPERTY, LLC
OWNER & DEVELOPER
PHONE: 954-471-8059

Storm Water Management System Calculation

Water Quality Volume=(1.3"RA/12), R=0.05+0.009(% Impervious)
% Impervious = 13
A= 0.921
R=0.167
WQV=725.8 CF

Proposed Infiltration System:
10 Cultec R330 XLHD Chambers at 7.459 CF/Foot and a 11' x 37' x 3.5' Crushed-Stone Bed Envelope
Cultec Storage= 7.459 x 7 x 5 x 2 Rows = 522.1 CF
Stone Storage= {(11x37x3.5)-522.1}0.4= 361.0 CF
Total Storage Provided: 522.1+361.0= 883.1 CF
883.1 CF > 725.8 CF, In Compliance

Deep Test Hole '1' Soil Data (60")

0" to 8"	Grasses,Top Soil, Roots
8" to 45"	Medium Brown, Coarse Sand, Small Stones
45" to 60"	Light Brown, Coarse Sand, Small Stones
Mottling	N/A
Ground Water	N/A
Ledge	N/A
Roots	0" to 60"
Restrictions	None Observed

Deep Test Hole '2' Soil Data (51")

0" to 12"	Grasses,Top Soil, Roots
12" to 36"	Light Broawn, Coarse Sand, Small to Medium Stones
36" to 51"	Medium Brown, Coarse Sand, Small Stones
Mottling	N/A
Ground Water	N/A
Ledge	N/A
Roots	0" to 36"
Restrictions	N/A

Percolation Test Hole '1'

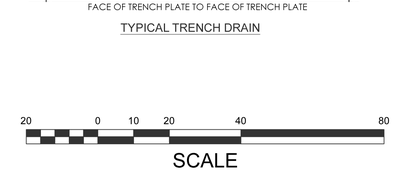
Time	Measurement to Water Surface	Drop in Water Level (0.01')	Rate (Min./Inch)
9:36 AM	1.100		
9:46 AM	0.880	0.22	3.79
9:56 AM	0.720	0.16	5.21
10:06 AM	0.590	0.13	6.41
10:16 AM	0.495	0.10	8.77
Overall Percolation Rate (Min/Inch)		5.51	
Minimum Percolation Rate (Min/Inch)		8.77	
Minimum Percolation Rate (Inches/Hour)		6.84	
Town Required Percolation Rate (Inches/Hour)		**3.42**	
(Site Percolation Rate / 2)			

Percolation Test Hole '2'

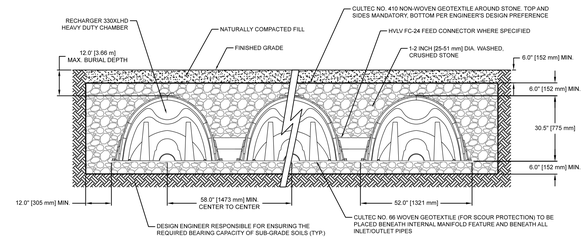
Time	Measurement to Water Surface	Drop in Water Level (0.01')	Rate (Min./Inch)
9:30 AM	0.000		
9:40 AM	0.250	0.25	3.33
9:50 AM	0.385	0.14	6.17
10:00 AM	0.510	0.13	6.67
10:10 AM	0.595	0.09	9.80
Overall Percolation Rate (Min/Inch)		5.60	
Minimum Percolation Rate (Min/Inch)		9.80	
Minimum Percolation Rate (Inches/Hour)		6.12	
Town Required Percolation Rate (Inches/Hour)		**3.06**	
(Site Percolation Rate / 2)			

LEGEND

N/F	NOW OR FORMERLY	CB	CATCH BASIN
MON.	MONUMENT	WM	WATER METER
I.P.	IRON PIPE	WV	WATER VALVE
FND.	FOUND	GV	GAS VALVE
S.F.	SQUARE FEET	RET.	RETAINING
CONC.	CONCRETE	SNET	SOUTHERN NEW ENGLAND TELEPHONE
BIT.	BITUMINOUS	UI	UNITED ILLUMINATING COMPANY
OHU	OVERHEAD UTILITIES	TMH	TELEPHONE MANHOLE
U/G	UNDER GROUND	INT.	INTERSECTION
MH	MANHOLE	INV.	INVERT
ELEC.	ELECTRIC	C.I.	CAST IRON
Ø	UTILITY POLE	V.C.	VITRIFIED CLAY
DYL	DOUBLE YELLOW LINE	RCP	REINFORCED CONCRETE PIPE
SWL	SINGLE WHITE LINE	RD	ROOF DRAIN
BWL	BROKEN WHITE LINE	MW	MONITOR WELL
EOP	EDGE OF PAVEMENT	× 8.65	EXISTING SPOT GRADE
RET.	RETAINING	100	EXISTING CONTOUR ELEVATION
CLF	CHAIN LINK FENCE	L.O.	LAYOUT OF STREET WIDTH
FFE	FINISHED FLOOR ELEVATION	(P)	PARKING SPACES
C.O.	CLEANOUT	HDPE	HIGH DENSITY POLYETHYLENE
I.P.	LIGHT POST	PVC	POLYVINYL CHLORIDE
	EXISTING CONIFER TREE		EXISTING DECIDUOUS TREE



TYPICAL TRENCH DRAIN



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

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

SCALE: 1"=20'
FIELD FILE: 201 Old Dike Road.rw5
PROJECT NO. 1759
DATE: December 01, 2025
CAD FILE: 201 Old Dike Road.dwg
SHEET 1 OF 1
REV:
REV:

STATE OF CONNECTICUT WASHINGTON CABEZAS, JR. No. 70210 LICENSED LAND SURVEYOR

STATE OF CONNECTICUT WASHINGTON CABEZAS, JR. No. 70210 LICENSED PROFESSIONAL ENGINEER

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

WASHINGTON CABEZAS, JR, PEL 70210
PROFESSIONAL ENGINEER & LAND SURVEYOR

20 0 10 20 40 80

SCALE

IMPROVEMENT LOCATION SURVEY
- AND -
TOPOGRAPHIC SURVEY

PREPARED FOR
ACI COSTELLO PROPERTY, LLC

201 OLD DIKE ROAD
TRUMBULL, CONNECTICUT
ASSESSOR'S REFERENCE: MAP H-06 | LOT 113

SHEET 1 OF 1

DECEMBER 01, 2025 WASHINGTON CABEZAS, JR., PE, LS SCALE: 1" = 20'

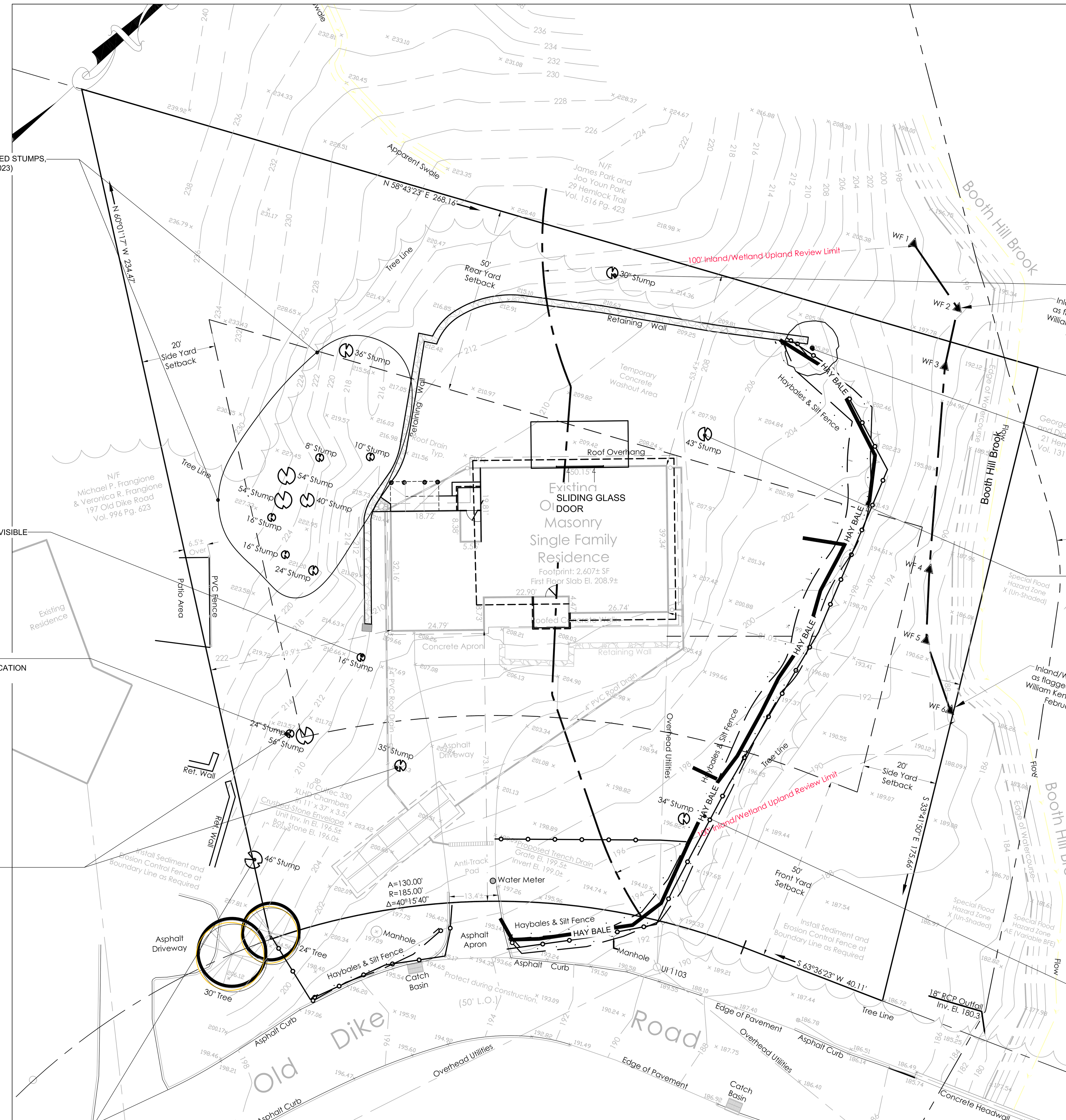
UPLAND REMOVED STUMPS, (IMAGES AUG. 2023)

STUMP NOT VISIBLE

24" STUMP, 56" STUMP LOCATION IN QUESTION

35" (Maple?) / 24" (Maple?) STUMP

STUMP NOT VISIBLE



30" STUMP (BEECH?)

DECEASED TREE, SEE NOTE

STUMP REMOVED

34" STUMP

NORTH

GENERAL NOTES

TREE REMOVAL IS BASED ON TOPOGRAPHIC SURVEY AND SITE INVESTIGATION. NO OTHER TREES ARE PROPOSED FOR REMOVAL. REMOVAL IS APPROXIMATED TO HAVE OCCURRED EARLY 2023.

THE OWNER INTENDS TO RETAIN EXISTING DECEASED TREE NOTED ON PLAN. THE TREE MAY POSE A HAZARD, BUT ALSO CAN PROVIDE VALUABLE HABITAT FOR WILDLIFE.

SURVEY DATA FROM MARCH 2024.

0' 10' 20' 30' 40'

TREE REMOVAL PLAN

NO.	REVISION / ISSUE	DATE:

201 Old Dike Rd
Trumbull, CT
prepared for ACI Castello Property, LLC

ARIS LAND STUDIO
Sustainability + Land Architecture
78 Elm Street
Bridgeport, CT 06604
www.arisls.com
203.606.3130

DATE: 12/20/2025

ISSUED FOR:

DWG. No.: L-1.1

ALS CONTRACT NO. 23-310 | DRAWN BY: | SCALE: 1"= 20'

WILLIAM KENNY ASSOCIATES
LANDSCAPE ARCHITECTURE ▪ ECOLOGICAL SERVICES

February 29, 2024

Mr. Tiago Silva
Minasul Construction LLC
640 Shelton Road
Trumbull, CT 06611

Re: Wetland and Watercourse Delineation
201 Old Dike Road, Trumbull, Connecticut

Dear Mr. Silva:

As requested, we visited the referenced property to determine the presence or absence of wetlands and/or watercourses, to demarcate (flag) the boundaries of wetlands and watercourses identified, and to identify onsite soil types. This letter includes the methods and results of our investigation, which we completed today, February 29, 2024. In summary, one inland wetland and watercourse system was identified and delineated. The system, which extends and flows north to south in the northeastern portion of the property, is a small segment of Booth Hill Brook with a woodland floodplain wetland.

Regulatory Definitions

The Inland Wetlands and Watercourses Act (Connecticut General Statutes §22a-38) defines inland wetlands as "land, including submerged land...which consists of any soil types designated as poorly drained, very poorly drained, alluvial, and floodplain." Watercourses are defined in the act as "rivers, streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs and all other bodies of water, natural or artificial, vernal or intermittent, public or private, which are contained within, flow through or border upon the state or any portion thereof." The Act defines Intermittent Watercourses as having 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, and C) the presence of hydrophytic vegetation.

Methodology

A second order soil survey in accordance with the principles and practices noted in the USDA publication *Soil Survey Manual* (1993) was completed at the subject site. The classification system of the National Cooperative Soil Survey was used in this investigation. Soil map units identified at the project site generally correspond to those included in the *Soil Survey of the State of Connecticut* (USDA 2005).

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Wetland determinations were completed based on the presence of poorly drained, very poorly drained, alluvial, or floodplain soils. Soil types were identified by observation of soil morphology (soil texture, color, structure, etc.). To observe the morphology of the property's soils, test pits and/or borings (maximum depth of two feet) were completed at the site.

Intermittent watercourse determinations were made based on 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, and C) the presence of hydrophytic vegetation.

Wetland boundaries were demarcated (flagged) with pink surveyor's tape (hung from vegetation) or small flags (on wire stakes) labeled "William Kenny Associates" that are generally spaced a maximum of every 50 feet. Complete boundaries are located along the lines that connect these sequentially numbered flags. The wetland boundaries are subject to change until adopted by local, state, or federal regulatory agencies.

Results

The approximate 0.9-acre residential property is located at 201 Old Dike Road in Trumbull, Connecticut. Old Dike Road borders the southeastern property boundary. Property improvements include a single-family residence and an asphalt driveway. The primary vegetative cover in the eastern portion of the property is a broadleaved deciduous woodland. Lawn is present surrounding the residence in the central/western portion of the property.

One inland wetland and watercourse system was identified and delineated. The system, which extends and flows north to south in the northeastern portion of the property, is a small segment of Booth Hill Brook with a woodland floodplain wetland. Wetland soils are primarily poorly drained and formed from alluvial deposits. The approximate location of the system is shown on the attached map. The boundary of the system was marked at the site with flags numbered 1 to 6.

Four soil map units were identified on the property (one wetland and three upland). Each map unit represents a specific area on the landscape and consists of one or more soils for which the unit is named. Other soils (inclusions that are generally too small to be delineated separately) may account for 10 to 15 percent of each map unit. The mapped units are identified in the following table by name and symbol and typical characteristics (parent material, drainage class, high water table, depth to bedrock, and slope). These characteristics are generally the primary characteristics to be considered in land use planning and management. A description of each characteristic and their land use implications follows the table. A complete description of each soil map unit can be found in the *Soil Survey of the State of Connecticut* (USDA 2005), and at *https://soilseries.sc.egov.usda.gov/osdname.aspx*. On the day of the review, there was no soil frost and no snow cover. The upland soil was dry to moist and the wetland soil was wet to inundated. The sky was partly cloudy and air temperatures were in the 40's ° F.

Map Unit Sym.	Map Unit Name	Parent Material	Slope (%)	Drainage Class	High Water Table Depth (ft)	High Water Table Kind	High Water Table Mos.	Depth To Bedrock (in)
	Upland Soil							
21	Ninigret and Tisbury soils	Glacial Outwash	0-8	Moderately Well Drained	1.5-3.5	Apparent	Nov-Apr	>60
73	Charlton	Loose Glacial Till	0-50	Well Drained	>6.0	--	--	>60
	Chatfield Fine sandy loam	Loose Glacial Till	0-70	Well Drained	>6.0	--	--	20-40
308	Udorthents, Smoothed	Excavated or Filled Soil (>2 feet)	0-45	Well Drained	>6.0	--	--	>60
	Wetland Soil							
109	Fluvaquents-Udifluvents complex, frequently flooded	Alluvium	0-3	Poorly Drained	0.0-1.0	Apparent	Oct-May	>60
		Alluvium	0-3	Well Drained	>6.0	--	--	>60

Parent material is the unconsolidated organic and mineral material in which soil forms. Soil inherits characteristics, such as mineralogy and texture, from its parent material. Glacial till is unsorted, nonstratified glacial drift consisting of clay, silt, sand, and boulders transported and deposited by glacial ice. Glacial outwash consists of gravel, sand, and silt, which are commonly stratified and deposited by glacial melt water. Alluvium is material such as sand, silt, or clay, deposited on land by streams. Organic deposits consist of decomposed plant and animal parts.

A soil's texture affects the ease of digging, filling, and compacting and the permeability of a soil. Generally sand and gravel soils, such as outwash soils, have higher permeability rates than most glacial till soils. Soil permeability affects the cost to design and construct subsurface sanitary disposal facilities and, if too slow or too fast, may preclude their use. Outwash soils are generally excellent sources of natural aggregates (sand and gravel) suitable for commercial use, such as construction sub base material. Organic layers in soils can cause movement of structural footings. Compacted glacial till layers make excavating more difficult and may preclude the use of subsurface sanitary disposal systems or increase their design and construction costs if fill material is required.

Generally, soils with steeper slopes increase construction costs, increase the potential for erosion and sedimentation impacts, and reduce the feasibility of locating subsurface sanitary disposal facilities.

Drainage class refers to the frequency and duration of periods of soil saturation or partial saturation during soil formation. Seven classes of natural drainage classes exist. They range from excessively drained, where water is removed from the soil very rapidly, to very poorly drained, where water is removed so slowly that free water remains at or near the soil surface during most of the growing season. Soil drainage affects the type and growth of plants found in an area. When landscaping or gardening, drainage class information can be used to assure that proposed plants are adapted to

existing drainage conditions or that necessary alterations to drainage conditions (irrigation or drainage systems) are provided to assure plant survival.

High water table is the highest level of a saturated zone in the soil in most years. The water table can affect the timing of excavations; the ease of excavating, constructing, and grading; and the supporting capacity of the soil. Shallow water tables may preclude the use of subsurface sanitary disposal systems or increase design and construction costs if fill material is required.

The depth to bedrock refers to the depth to fixed rock. Bedrock depth affects the ease and cost of construction, such as digging, filling, compacting, and planting. Shallow depth bedrock may preclude the use of subsurface sanitary disposal systems or increase design and construction costs if fill material is required.

Conclusions

Today, we investigated the property at 201 Old Dike Road in Trumbull, Connecticut and identified and delineated one inland wetland and watercourse system. Thank you for the opportunity to assist you. If you should have any questions or comments, please do not hesitate to contact us.

Sincerely,

William L. Kenny, PWS, PLA
Soil Scientist

Alexander Wojtkowiak
Soil Scientist

Enclosure

Ref. No. 5940

SOIL LEGEND

UPLAND
21 NINIGRET AND TISBURY SOILS
73 CHARLTON-CHATFIELD COMPLEX
308 UDORTHENTS, SMOOTHED

WETLAND
109 FLUVAQUENTS-UDIFLUVENTS COMPLEX

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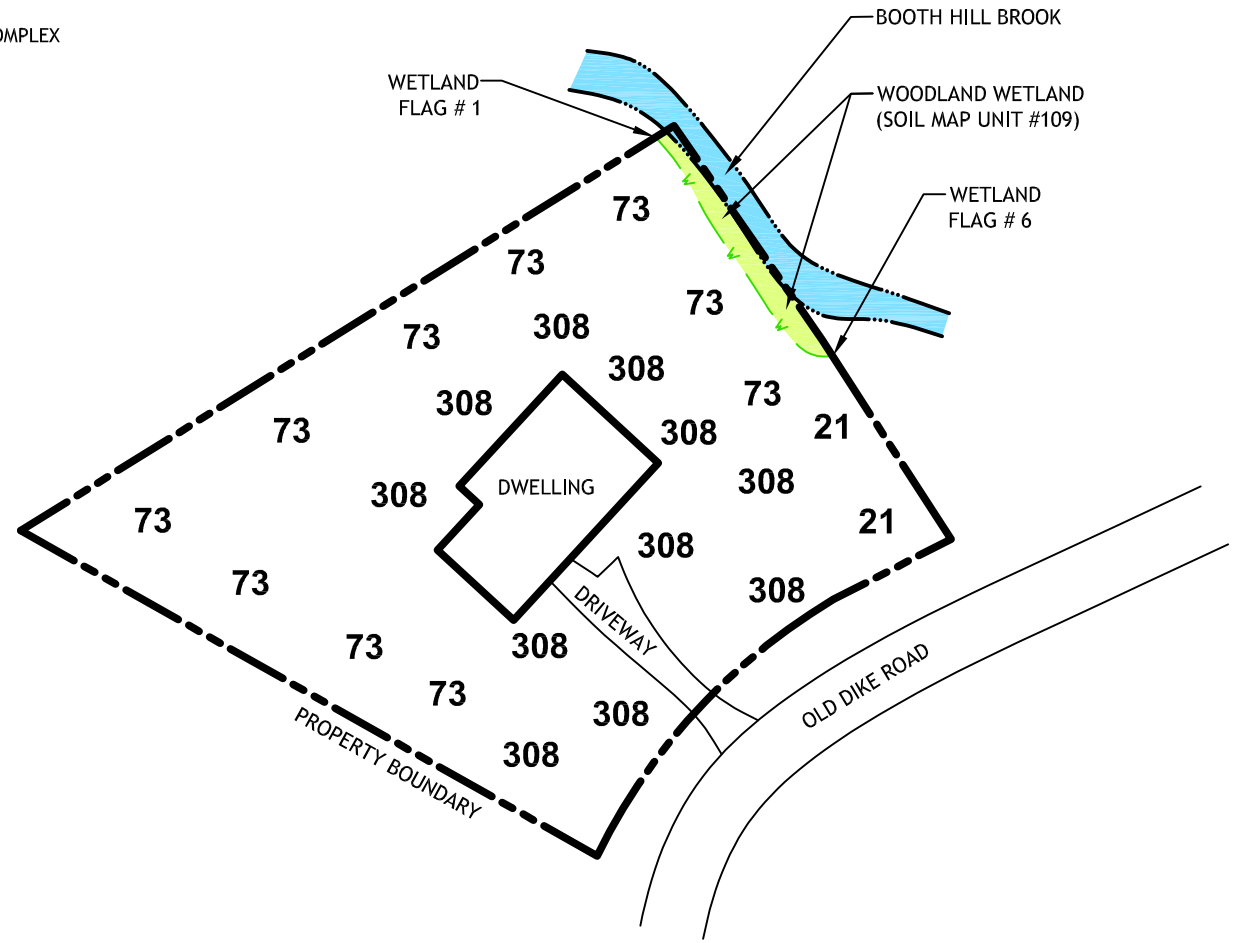

NOTES:
- *INFORMATION SHOWN ON THIS DRAWING, INCLUDING THE WETLAND BOUNDARY, IS APPROXIMATE. THE BOUNDARY IS NOT A SURVEYED REPRESENTATION OF WHAT WAS FIELD MARKED (FLAGGED).*
- *WETLAND AND SOIL INFORMATION PROVIDED BY WILLIAM KENNY ASSOC. OTHER INFORMATION TAKEN FROM A TOWN OF TRUMBULL GIS MAP.*
- ***21, 73, 308** AND **109** ARE SOIL MAPPING UNIT SYMBOLS. SEE WETLAND DELINEATION REPORT FOR THE SOIL MAP UNIT NAMES AND ADDITIONAL RELATED INFORMATION.*

I CERTIFY THAT THIS WETLAND MAP SUBSTANTIALLY REPRESENTS THE SOILS AND WETLANDS MAPPED IN THE FIELD

WILLIAM L. KENNY, SOIL SCIENTIST

WETLAND & WATERCOURSE MAP

201 OLD DIKE ROAD
TRUMBULL, CONNECTICUT

SCALE: NOT TO SCALE
DATE: FEBRUARY 29, 2024

Ref. No. 5940

NORTH