

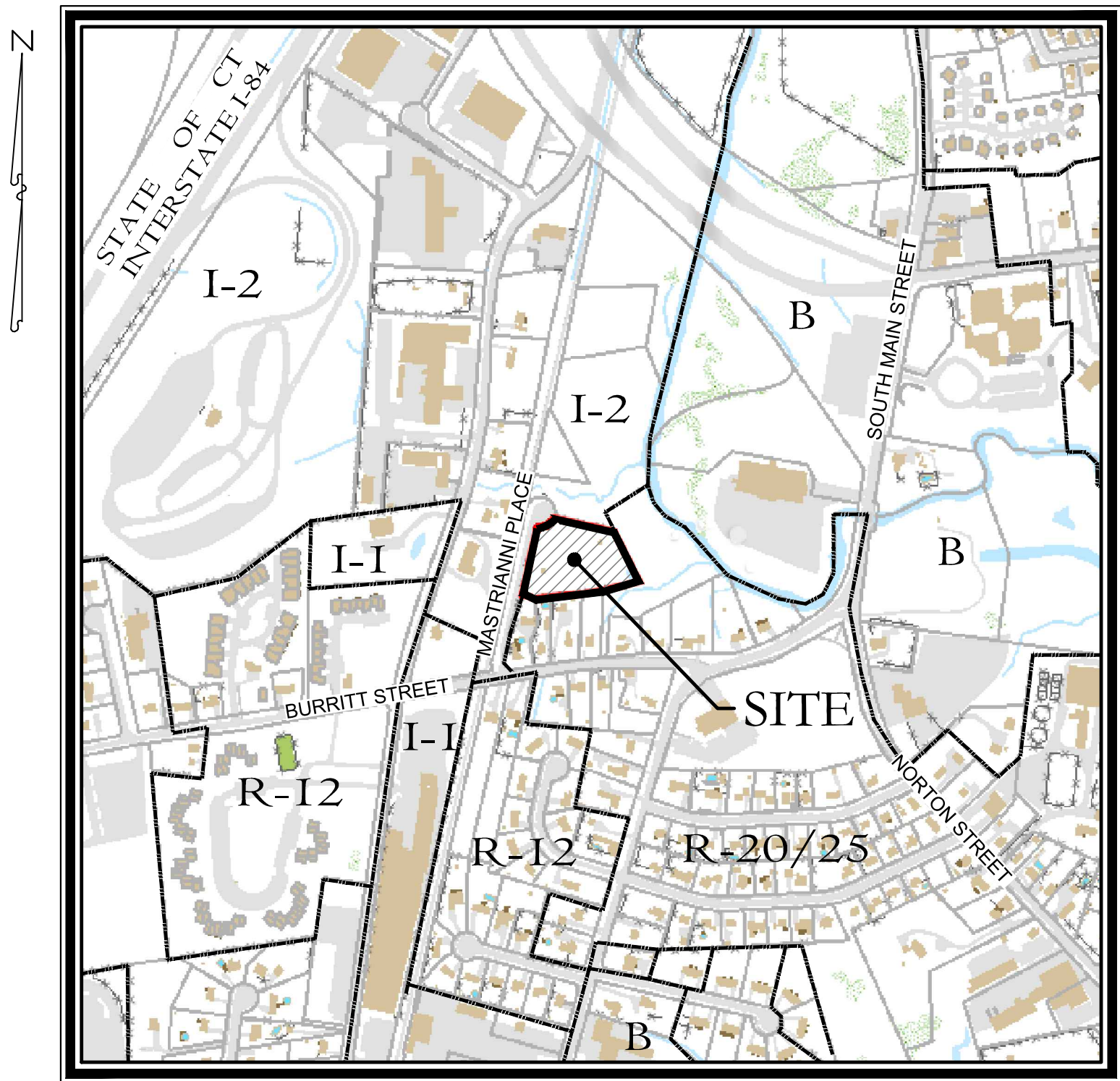
DRAWING NAME: P:\Land Projects\2078-Buck, LLC\50 Mastrianni Place_Southington CT\Job - MAJ2078 - 00 - Cover.dwg LAYOUT: CoverSheet PLOT DATE: Sep 23, 2022 - 10:00am OPERATOR: jpmc

cole

engineering. surveying. planning.

Site Plan

50 Mastrianni Place
Southington, Connecticut



KEY MAP
SCALE: 1"=500'

Sheet Index:

- | | |
|-----|---|
| S1 | Property & Topographic Survey Map |
| C1 | Site Layout & Landscaping Plan |
| C2 | Site Development Plan |
| ES1 | Soil Erosion & Sedimentation Control Plan |
| D1 | Details |
| D2 | Details |

Applicant:

Buck, LLC
512 Mount Vernon Road
Plantsville, CT 06479

Property Owner:

NAMTAB, LLC
512 Mount Vernon Road
Plantsville, CT 06479

Consultants:

Engineering & Surveying
Harry E. Cole & Son
P.O. Box 44 - 876 South Main Street
Plantsville, Connecticut 06489
Tel. (860) 628-4484 Fax (860) 620-0196

PREPARED FOR

Buck, LLC

May 18, 2021

Revision Table			
04	Sept. 23, 2022	Revised per Town Comments	
03	Aug. 2, 2022	Revised Site Layout per Owner	
02	Aug. 18, 2021	Town Stipulations of Approval	
01	July 23, 2021	Revise per town comments	
	May 18, 2021	First Submittal Set	#2078

DRAWING NAME: P:\Land Projects\2078.Buck, LLC\00 Mastrianni Place, Southington, CT.dwg - ME_2078-3 - existing.dwg LAYOUT: S1 PLOT DATE: Sep-23, 2023 - Unknown OPERATOR: JRM

LEGEND

- = Existing utility pole
- = Existing light pole
- = Existing fire hydrant
- = Existing water valve
- = Existing gas valve
- = Existing underground pipe
- = Existing edge of pavement
- = Existing bituminous concrete lip curb
- = Existing well
- = Existing catch basin
- = Existing drainage manhole
- = Existing sanitary manhole
- = Existing utility box
- = Existing contour
- = Existing spot elevation
- = Existing iron pin
- = Existing drill hole
- = Existing monument

BENCHMARK
TOP NUT OF FIRE HYDRANT
ELEV. = 153.27
(ASSUMED DATUM)

SURVEY NOTES:

1. This map has been prepared pursuant to the Regulation 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.

2. Type of survey performed: Property & Topographic Survey

3. Boundary determination category: Resurvey

4. Class of accuracy:
Horizontal: A-2
Vertical: T-2

5. The intent of this map is to depict or note the position of boundaries with respect to: (A) locations of all boundary monumentation found or set; (B) Apparent improvements and features, including as a minimum: dwellings, barns, garages, sheds, driveways, roadways, surface utilities, visible bodies of water and swimming pools; (C) record easements and visible means of ingress and egress; (D) record and apparent means of ingress and egress; (E) lines of occupation, including as a minimum: fences, walls, hedges and yards; (F) deed restrictions pertaining to the location of buildings or other apparent improvements; (G) unresolved conflicts with record deed descriptions and maps; (H) all apparent boundary encroachments; and (I) monumentation required to be set at all corners created by a deflection angle of not less than 70 degrees between two consecutive courses at an intervals not to exceed 600 feet (180 meters) along the boundaries between said corners, except where natural or man-made monumentation defines or occupies the line.

6. Map References:

a) "Subdivision Map Prepared For Paul Mastrianni, Southington, Conn.; Scale:1"=40'; Dated: July 3, 1986; Last Revised: July 6, 1987 by Harry E. Cole & Son."

7. Per agreement with property owner no boundary corners were set by this survey unless noted hereon. All monumentation found is depicted or noted hereon.

8. Zone: I-2

9. Total area: 78,695 Sq.Ft. - 1.81 Acres

10. Owner: NAMTAB LLC

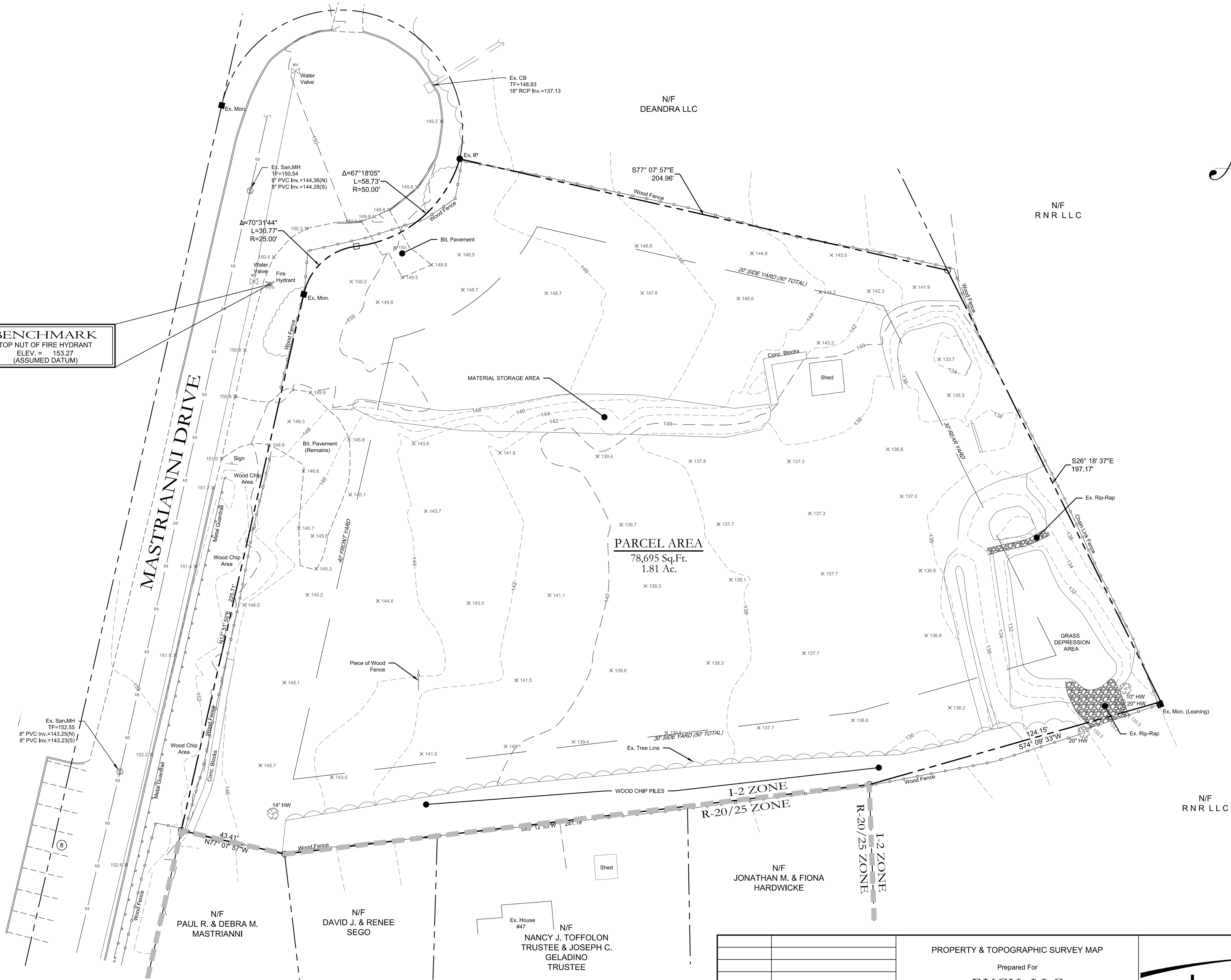
11. Town of Southington Assessors Map #41 Lot #22

12. Filed in Volume 1503, Page 767 of the Town Clerk's office.

13. Contour interval is two(2) foot.

14. Existing contours generated from field topography.

15. This survey does not include the location of any underground improvements or encroachments, subsurface utility lines or buried debris. Nor does it necessarily reflect the existence of any waste dumps or hazardous materials. The underground items depicted or noted are approximate and are not guaranteed. Notify "CALL BEFORE YOU DIG" 1-800-922-4455 prior to any excavation operations.



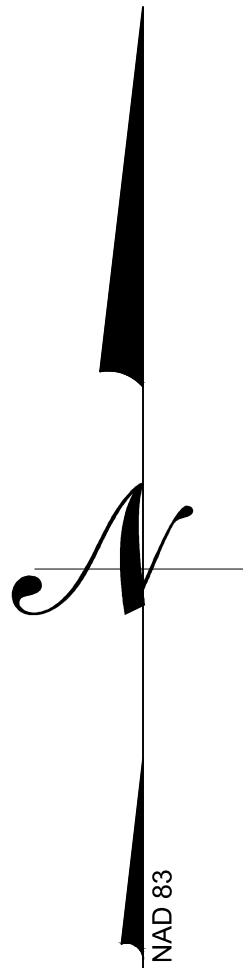
July 23, 2021	Revised Zone Line
DATE	REVISION
To the best of my knowledge and belief, this map is substantially correct as noted hereon.	
Stephen M. Giudice, L.S.	
Reg. No. #70145	
NOT VALID UNLESS EMBOSSED SEAL OR STAMP IS AFFIXED HERETO	

PROPERTY & TOPOGRAPHIC SURVEY MAP	
Prepared For	
BUCK, LLC	
50 Mastrianni Place	
Southington, Connecticut	
February 2, 2021	Scale: 1" = 20'
F.B. #:	PROJECT #: 2078

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HARRY E. COLE & SON
engineering. surveying. planning.

876 South Main Street
P.O. Box 44
Plainville, CT 06479 - 0044


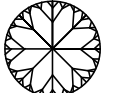

Tel: (860) 628-4484
Fax: (860) 620-0196
www.hcole.com



SITE PLAN NOTES:

- Owner: NAMTAB, LLC
- Applicant: Buck, LLC
- Street #: 50 Mastrianni Place
- Area of Parcel: 78,695 SF - 1.81 Acres
- Parcel is zoned: I-2 - Industrial
- Present use: Vacant Lot
- Proposed use: Offices and Contractor Storage
- No Wetlands are present per the Town of Southington Wetland Map.
- All work in connection with this plan shall be completed within five years of the date of approval, or the approval is no longer valid.
- Erosion and Sedimentation control shall conform to the "Connecticut Guidelines for Soil Erosion and Sediment Control" dated May 2002, and amended to date.
- All site work shall conform to specifications as outlined in C.D.O.T. Form 818, dated 2021 and amended to date.
- Any regulated activity in a designated Inland Wetland not a part of this plan shall require a separate Inland Wetland Permit.
- All areas disturbed by construction to be restored with 4" of loam and seeded.
- All exterior light fixtures shall be LED and full cutoff fixtures with recessed lenses.
- Underground fuel tanks are prohibited.
- Town of Southington Planning and Engineering Departments to be notified at (860)-276-6248 and (860)-276-6231, 24 hours before site grading begins.
- Prior to any excavation, contractor to notify "CALL BEFORE YOU DIG," 1-800-922-4455.
- All existing utilities are from best available information, contractor to verify all locations, dimensions, and elevations prior to construction. Notify Engineer of any discrepancies.
- No floor drains are proposed. Floor drains are not allowed without obtaining Connecticut DEEP permits.
- Building permit required for construction of retaining walls over 3-ft tall. Design of retaining walls shall be provided by structural/geotechnical engineer prior to construction of walls.

PLANT LIST

SYM.	QTY.	SCIENTIFIC NAME	COMMON NAME	CONDITION
STREET TREES				
	7	ACER RUBRUM	RED MAPLE	3" CALIPER
		PRUNUS AMERICANA	AMERICAN PLUM	
		PRUNUS SARGENTII (flowering)	SARGENT CHERRY	
		TILIA CORDATA	LITTLE LEAF LINDEN	
SHADE TREES				
	3	QUERCUS RUBRA	RED OAK	B & B, 3" CAL.
		ACER RUBRUM	RED MAPLE	B & B, 3" CAL.
		TILIA TOMENTOSA	SILVER LINDEN	B & B, 3" CAL.
		PRUNUS PENSYLVANICA	WILD RED CHERRY	B & B, 3" CAL.
SHRUBS				
	12	ILEX VERTICILLATA	COMMON WINTERBERRY	B&B, 18-24" HT.
		ARONIA ARBUTIFOLIA	RED CHOKEBERRY	3 GAL, HEAVY, FULL
		RHODODENDRON CANADENSE	RHODODERON	3 GAL, HEAVY, FULL
		VIBURNUM CASSINOIDES	WITHEROD VIBURNUM	3 GAL, HEAVY, FULL
		VACCINIUM CORYMBOSUM	HIGHBUSH BLUEBERRY	2-3 FT
		JUNIPERUS COMMUNIS	COMMON JUNIPER	2-3 FT

- STREET TREES REQUIRE MIN. OF 3" CALIPER. STREET TREE LOCATIONS ARE INDICATED ON THE PLAN.
- THE ABOVE LIST DOES NOT INCLUDE ANY SPECIES LISTED ON THE CONNECTICUT INVASIVE PLANT LIST AND NO PLANT ON THIS LIST SHALL BE PLANTED ON SITE.

LANDSCAPING TABLE

PARKING LOT (21 Spaces)			
	REQUIRED	PROVIDED	
INTERIOR LANDSCAPING TOTAL	20 S.F. / SPACE	420 S.F.	1,050 S.F.
SHADE TREES	1 SHADE TREE / 10 SPACES	3	3
STREET TREES	1 STREET TREE / 50' OF LOT FRONTAGE	7	7

PARKING INFORMATION

ITEM	REQUIRED	PROVIDED
PROPOSED BUILDING: PHASE I INDUSTRIAL 4,960 S.F. (SUFFICIENT TO ACCOMMODATE PERSONNEL & CUSTOMERS)	11	11
PROPOSED BUILDING: PHASE II INDUSTRIAL 4,000 S.F. (SUFFICIENT TO ACCOMMODATE PERSONNEL & CUSTOMERS)	9	9
HANDICAP PARKING	1	2
TOTAL # OF SPACES	20 (INCLUDING H.C.)	21 (INCLUDING H.C.)

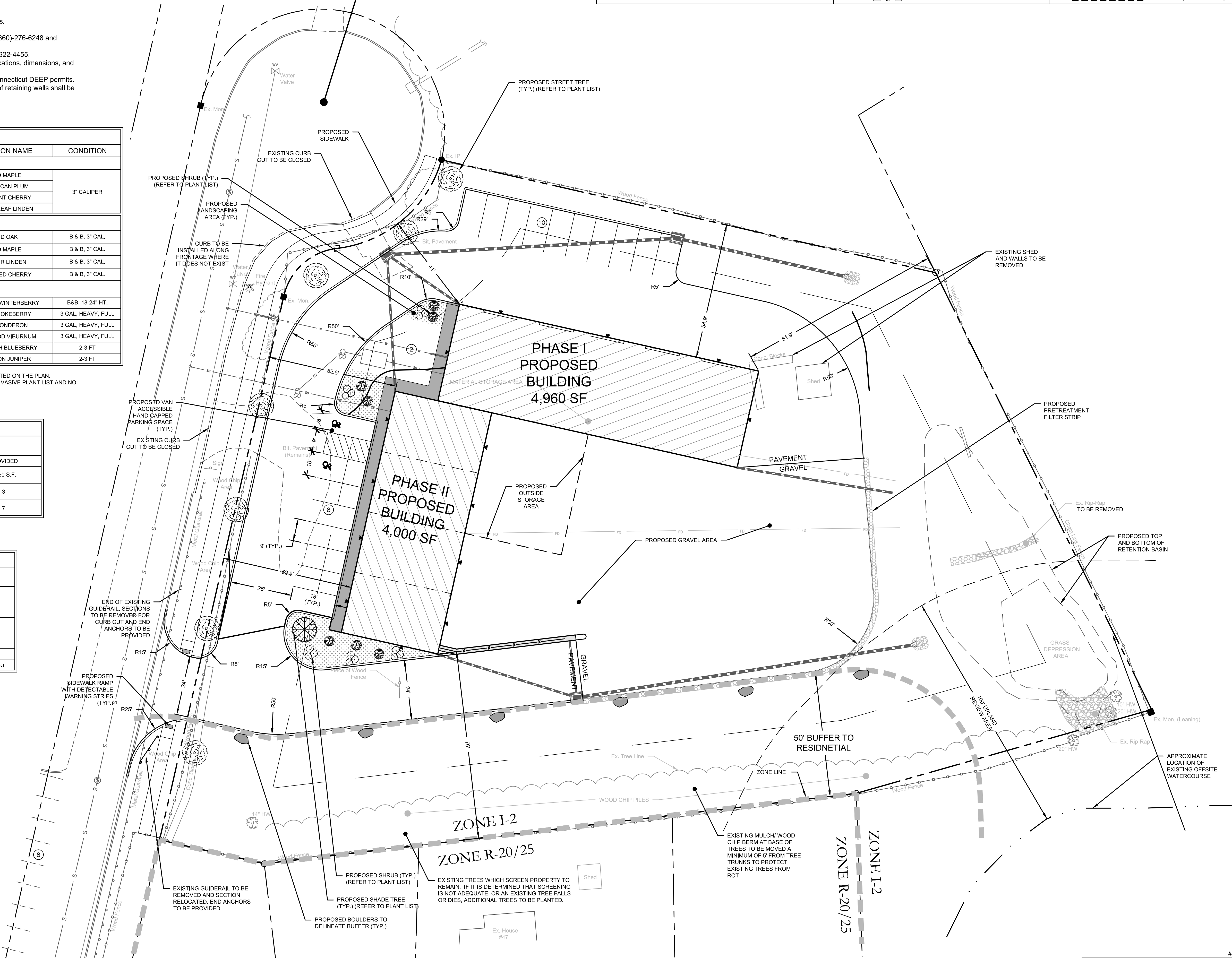
ZONING INFORMATION

ITEM	REQUIRED	PROVIDED
ZONE	I-2	I-2
PROPOSED USE	INDUSTRIAL	INDUSTRIAL
LOT AREA	80,000 SF	78,695 SF
LOT WIDTH	200 SF	315 FT
FRONT YARD SETBACK	40 FT	41 FT
SIDE YARD SETBACK	30 FT FOR ONE TOTAL OF 50 FT	54.9 FT & 76 FT
REAR YARD SETBACK	30 FT	81.9 FT
MAX. BUILDING HEIGHT	3 STORIES (65 FT)	2 STORIES > 65 FT
MAX. BUILDING COVERAGE	50%	11.4%































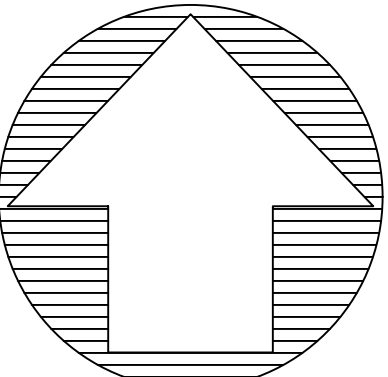
Know what's below.
Call before you dig.

MASTRIANNI PLACE



LEGEND

	= Existing utility pole		= Existing edge of pavement		= Existing contour
	= Existing light pole		= Proposed curbing		= Existing spot elevation
	= Proposed Light		= Existing/Proposed well		= Proposed contour
	= Existing fire hydrant		= Existing catch basin		= Proposed spot elevation
	= Proposed fire hydrant		= Existing drainage manhole		= Deep test location
	= Existing water valve		= Existing sanitary manhole		= Percolation test location
	= Existing gas valve		= Proposed catch basin		= Grade to drain
	= Existing underground pipe		= Proposed manhole		= Proposed Riprap
	= Existing treeline		= Existing utility box		= Proposed Drainage Pipe
			= Proposed sidewalk ramp		



NORTH

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P.O. Box 44 Fax: (860) 620-0196
Plainville, CT 06479 - 0044 www.hecole.com

PROJECT NAME:

SITE PLAN

50 Mastrianni Place
Southington, Connecticut

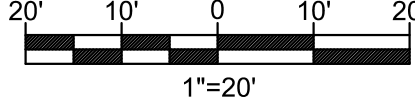
PREPARED FOR:

BUCK, LLC

Sheet Description:

SITE LAYOUT AND
LANDSCAPING PLAN

Scale:



Date: May 18, 2021

Project #: 2078

F.B. #:

Drawn By: BTP

Approved By: BNB

Revisions:

Date:	Descriptions:
July 23, 2021	Revise per town comments
Aug. 18, 2021	Town Stipulations of Approval
Aug. 2, 2022	Revised Site Layout per Owner
Sept. 23, 2022	Revised per Town Comments

Sheet #:

C1

#13653
Barton N. Bovee P.E. Reg. No.
NOT VALID UNLESS EMBOSSED SEAL OR STAMP IS AFFIXED HERETO

DRAWING NAME: 131 and Project: 2078-Buck, LLC-50 Mastrianni Place, Southington, CT 06489 - C2 - Site Development Planning - LAYOUT C2 - DATE: 07/23/2021 - 131653 - 131653

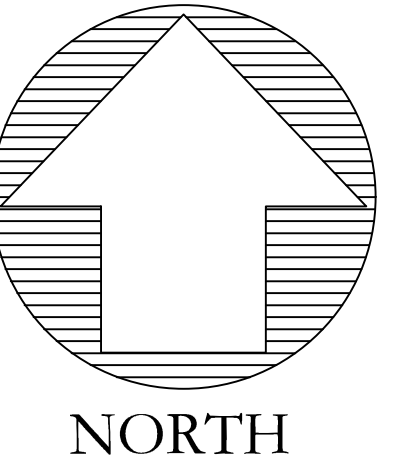
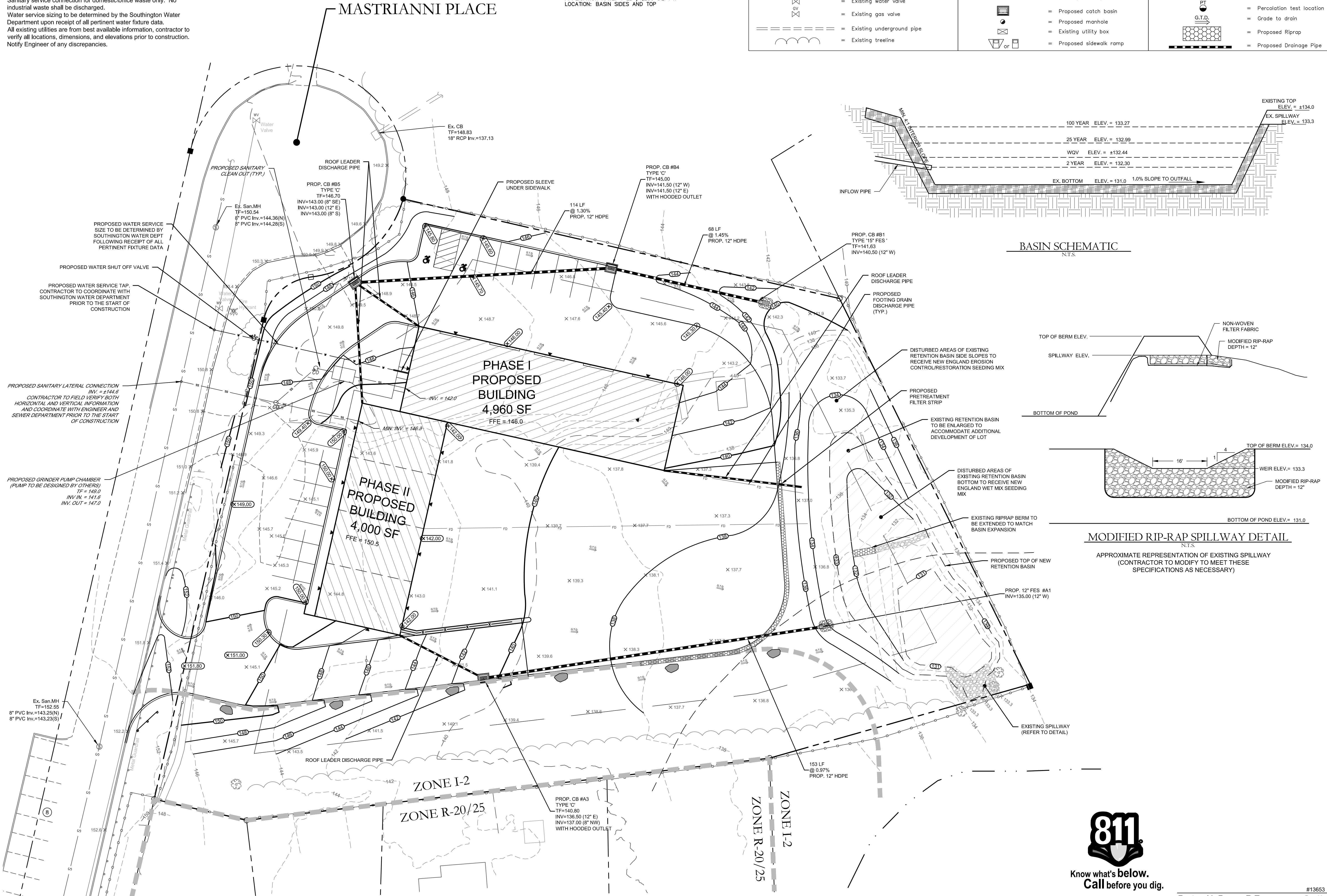
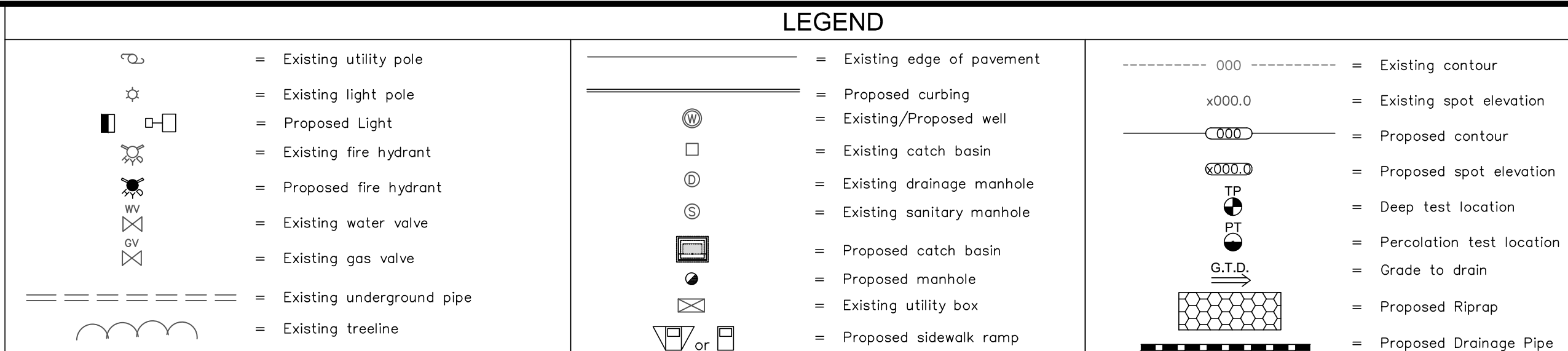
SITE PLAN NOTES:

- See Sheet C1 for additional information.
- Site to be serviced by town water and sewer.
- Contractor to coordinate with all local utility companies prior to the start of construction.
- Roof drains shall tie into the proposed drainage system.
- All Catch Basins/Inlets shall be cleaned prior to occupancy.
- Maximum earth slopes shall be two feet horizontal to one foot vertical.
- Sanitary service connection for domestic/office waste only. No industrial waste shall be discharged.
- Water service sizing to be determined by the Southington Water Department upon receipt of all pertinent water fixture data.
- All existing utilities are from best available information, contractor to verify all locations, dimensions, and elevations prior to construction. Notify Engineer of any discrepancies.

SEED MIX APPLICATION

NEW ENGLAND WET MIX
APPLICATION RATE: 1 POUND/5,000 SQ. FT.
LOCATION: BASIN BOTTOM

NEW ENGLAND EROSION CONTROL/RESTORATION MIX
APPLICATION RATE: 1 LB./1,250 SQ. FT.
LOCATION: BASIN SIDES AND TOP



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P.O. Box 44
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Tel: (860) 628-4484
Fax: (860) 620-0196
www.hecole.com

PROJECT NAME:

SITE PLAN

50 Mastrianni Place
Southington, Connecticut

PREPARED FOR:

BUCK, LLC

Sheet Description:

SITE
DEVELOPMENT
PLAN

Scale:
20' 10' 0' 10' 20'
1"=20'

Date: May 18, 2021

Project #: 2078

F.B. #:

Drawn By: BTP

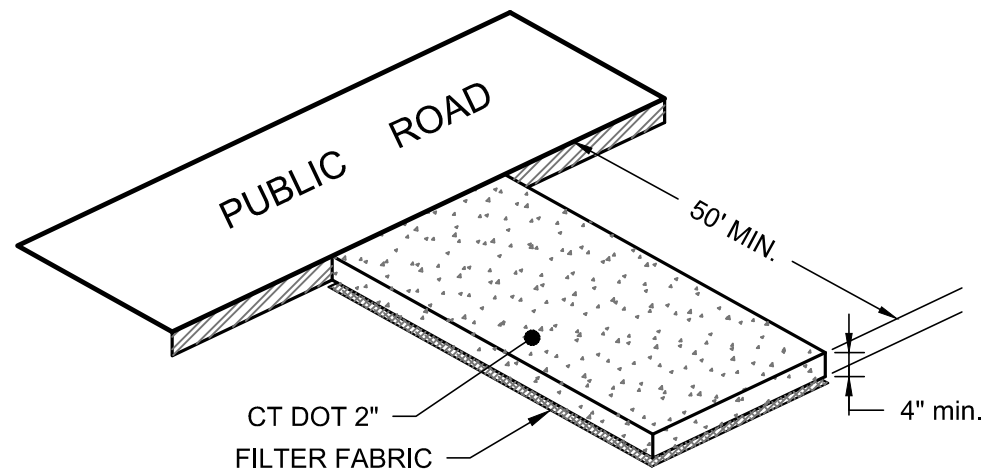
Approved By: BNB

Revisions:

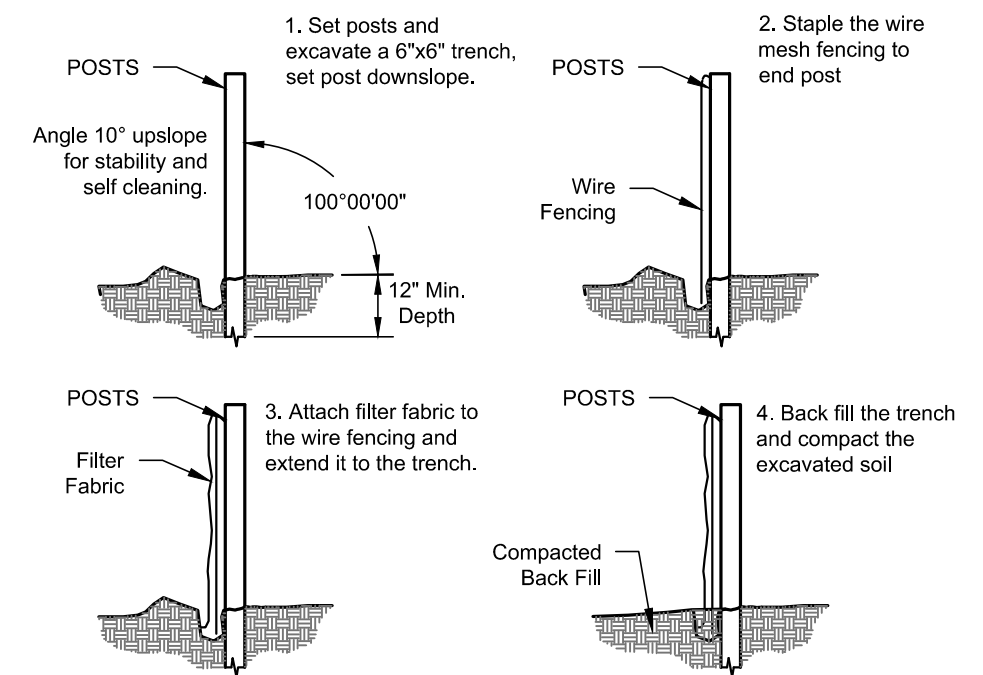
Date:	Descriptions:
July 23, 2021	Revise per town comments
Aug. 18, 2021	Town Stipulations of Approval
Aug. 2, 2022	Revised Site Layout per Owner
Sept. 23, 2022	Revised per Town Comments

Sheet #:

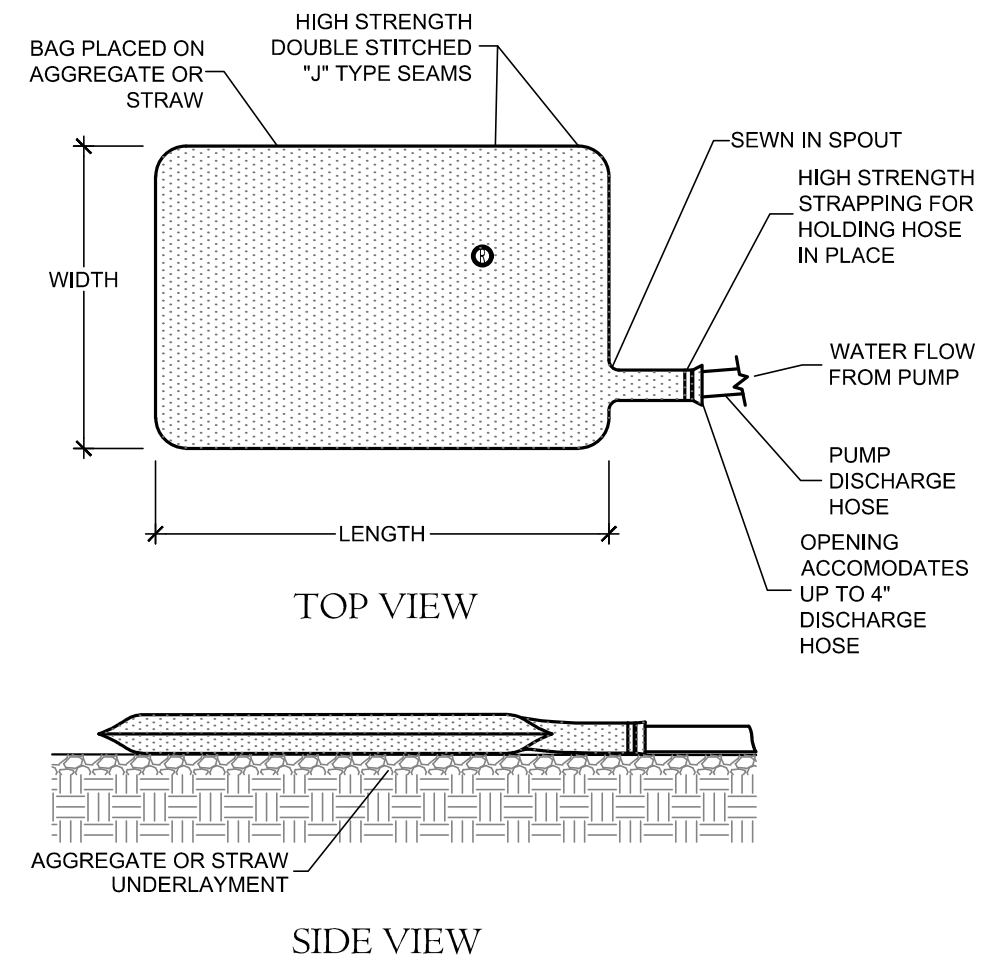
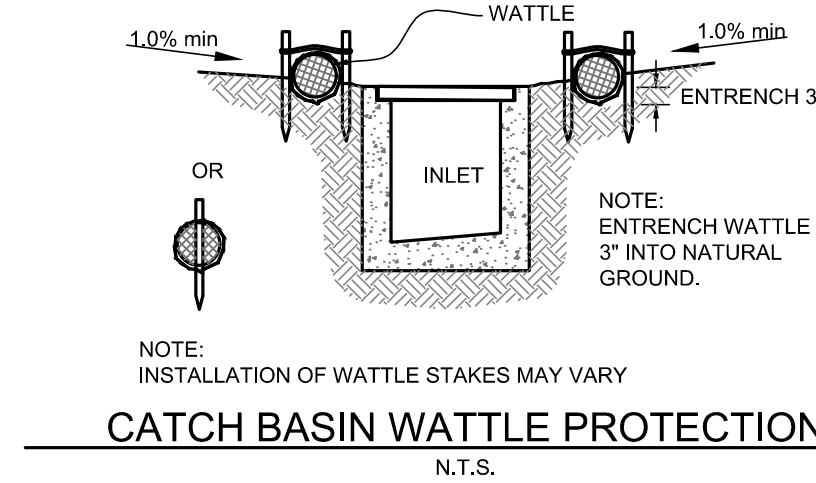
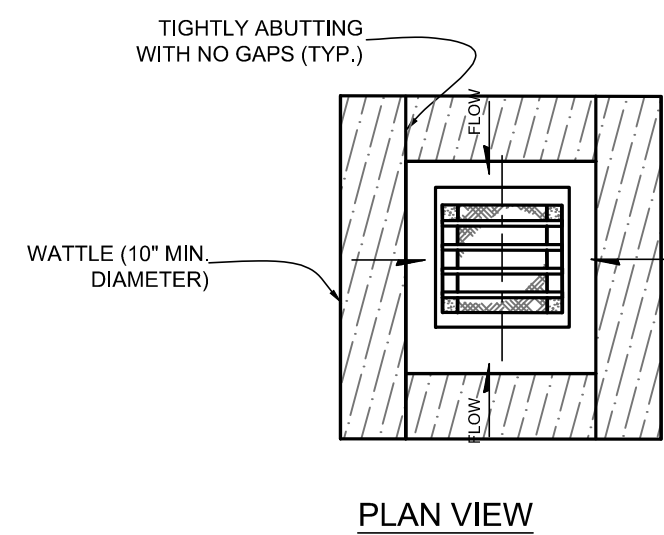
C2



CONSTRUCTION ENTRANCE DETAIL
N.T.S.

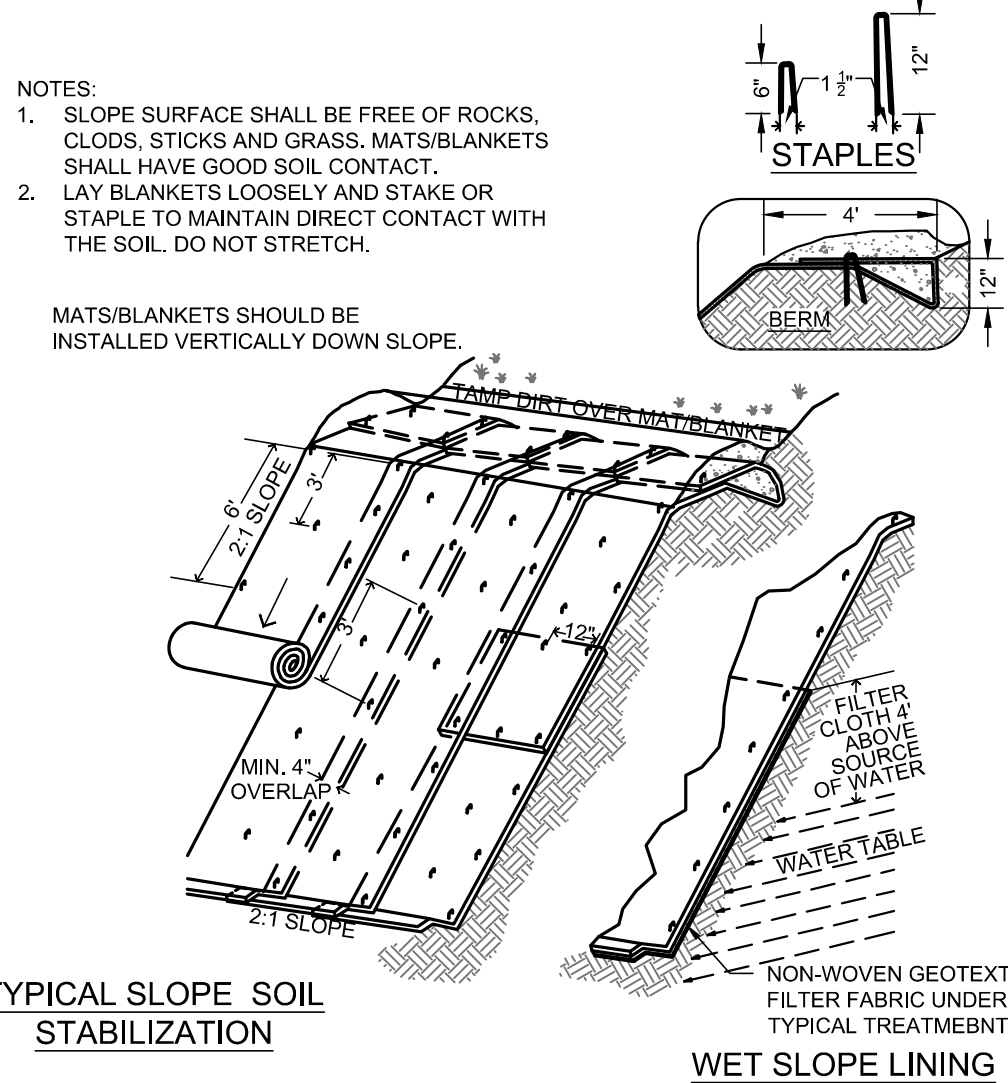


SEDIMENTATION BARRIER DETAIL
N.T.S.



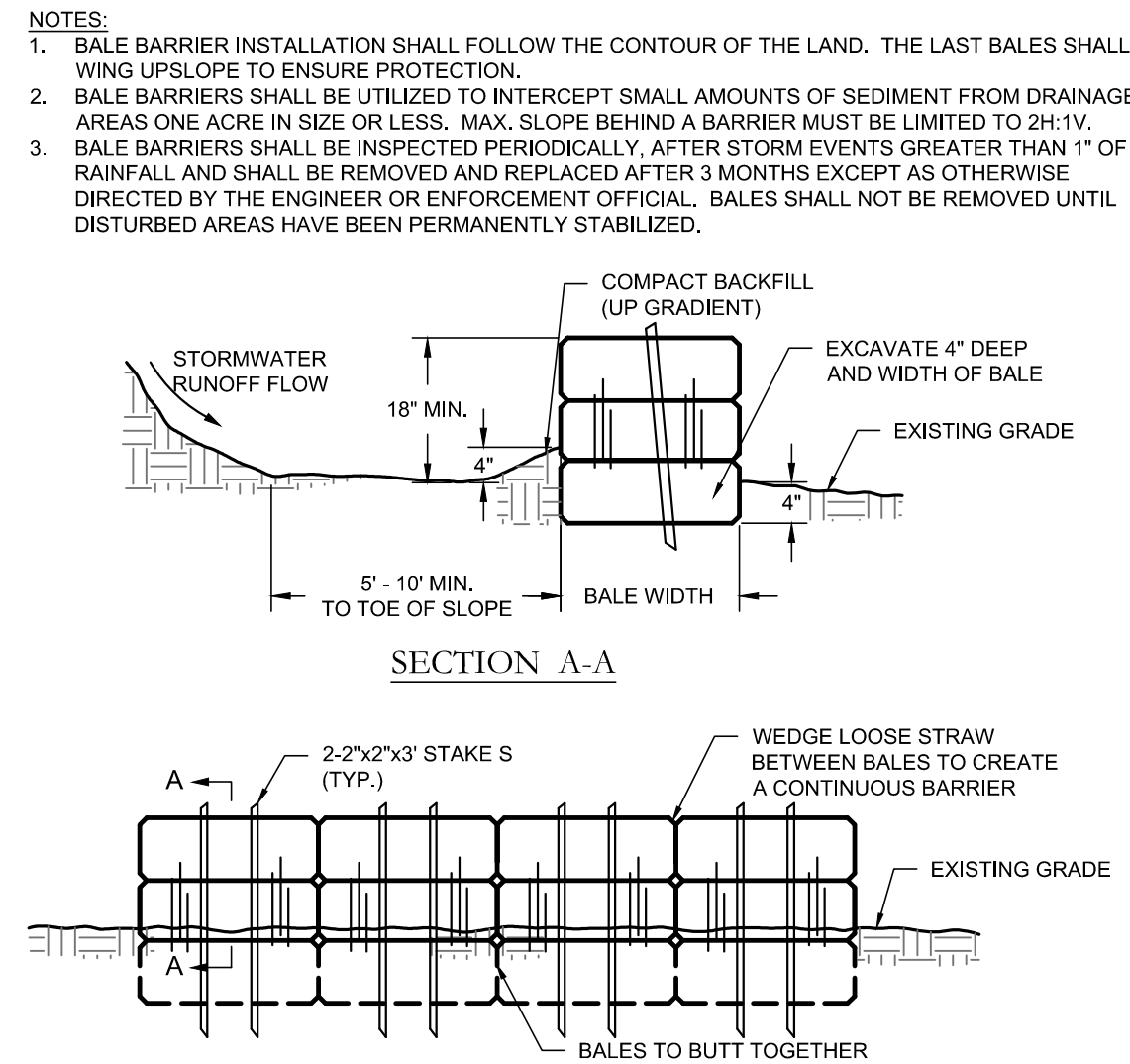
NOTES:
1. AVAILABLE FROM ACF ENVIRONMENTAL 48 OLD GRAYS BRIDGE ROAD, BROOKFIELD, CT 06904. (203)313-9002

DIRTBAG SILT CONTROL SYSTEM
N.T.S.

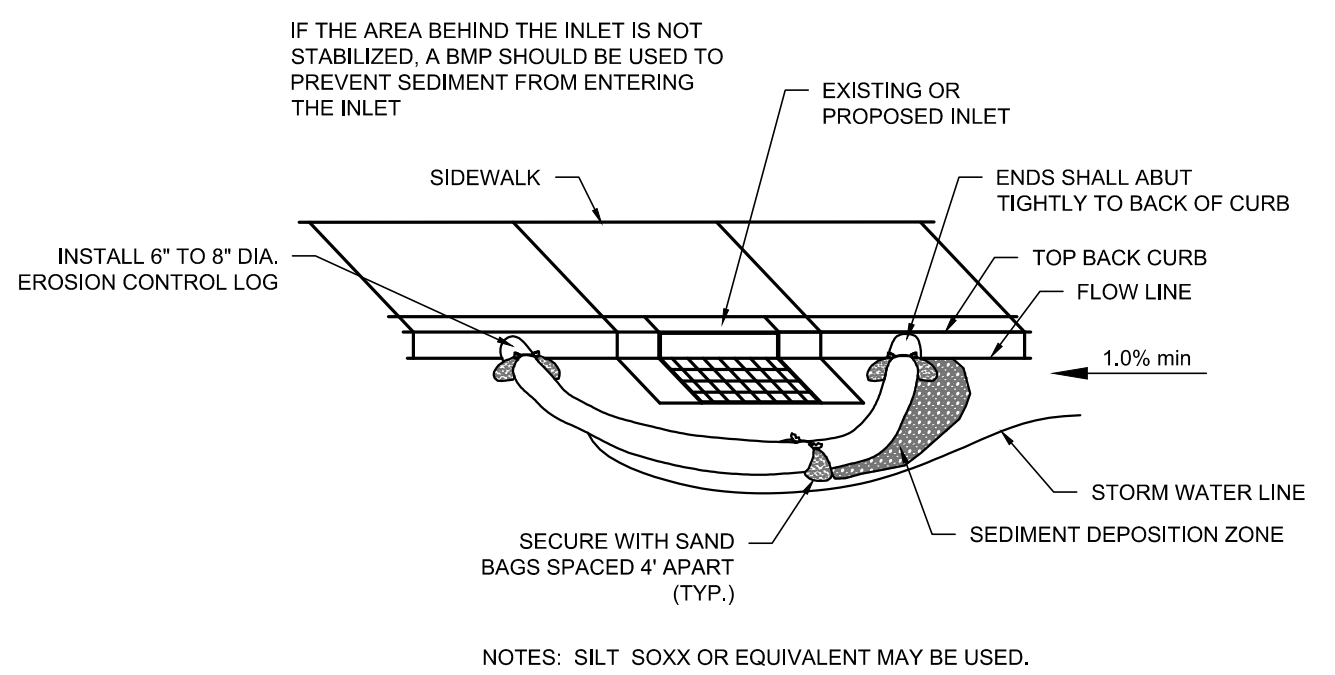


TYPICAL SLOPE SOIL
STABILIZATION

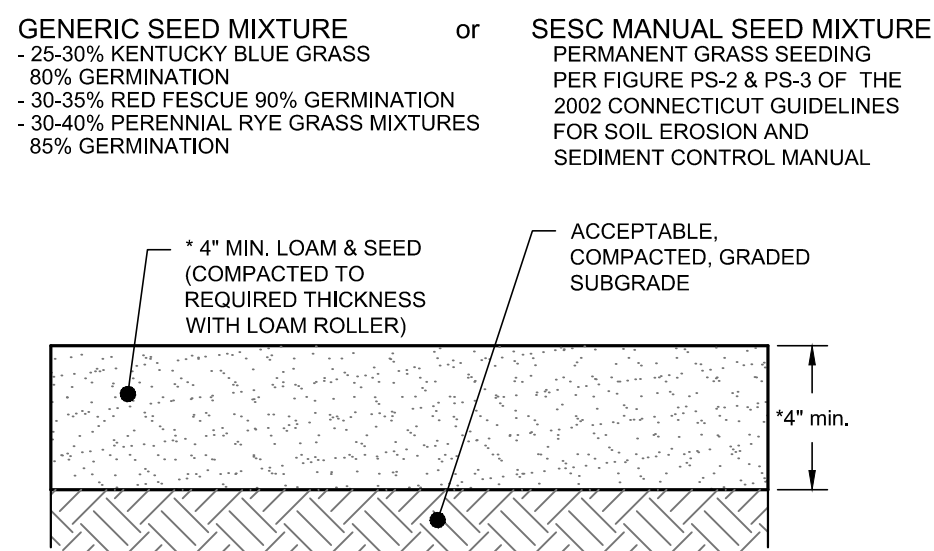
EROSION BLANKET & REINFORCEMENT
MAT SLOPE INSTALLATION
N.T.S.



STRAW BALE BARRIER DETAIL
N.T.S.

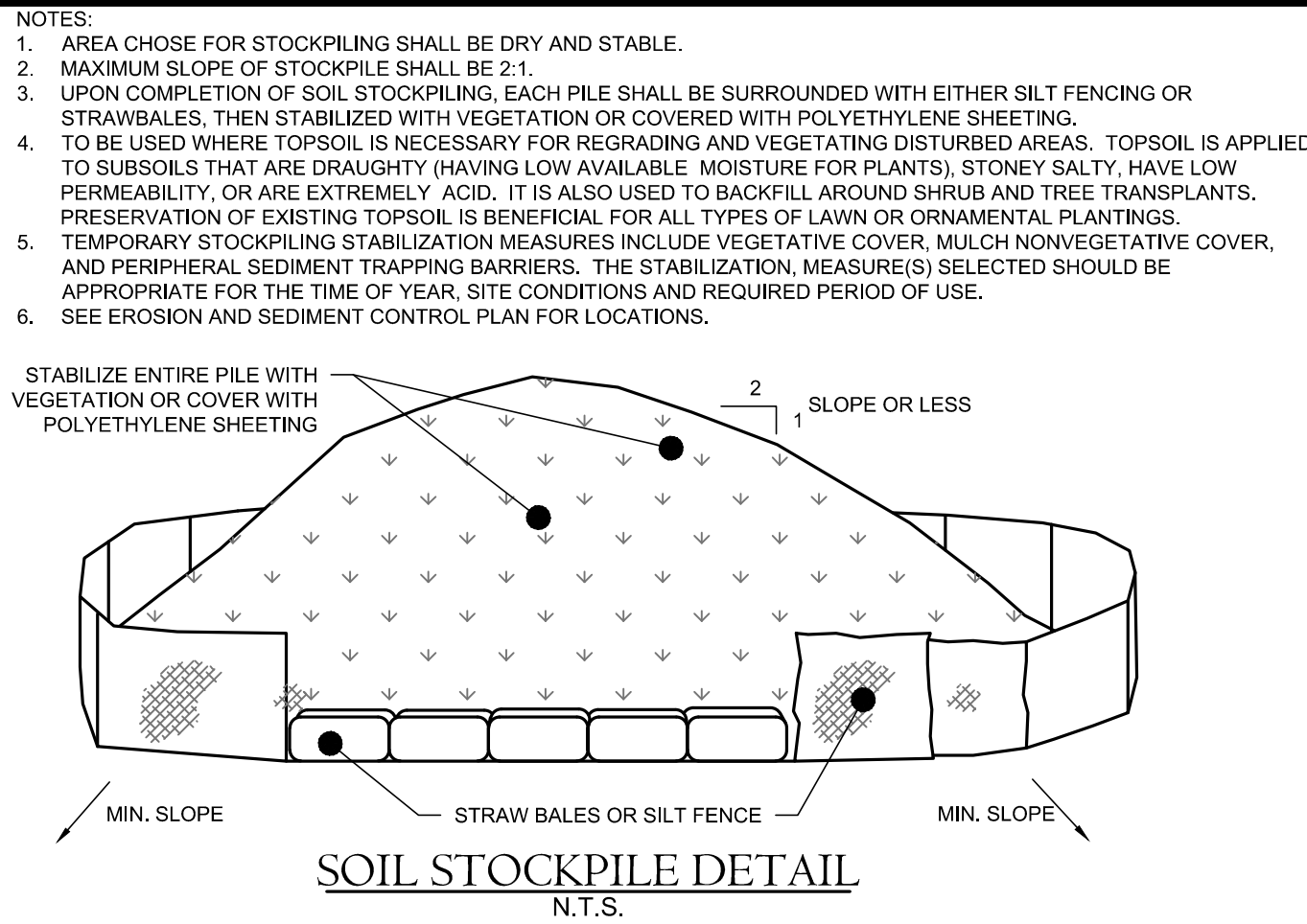


EROSION CONTROL LOG - CURB INLET PROTECTION
N.T.S.

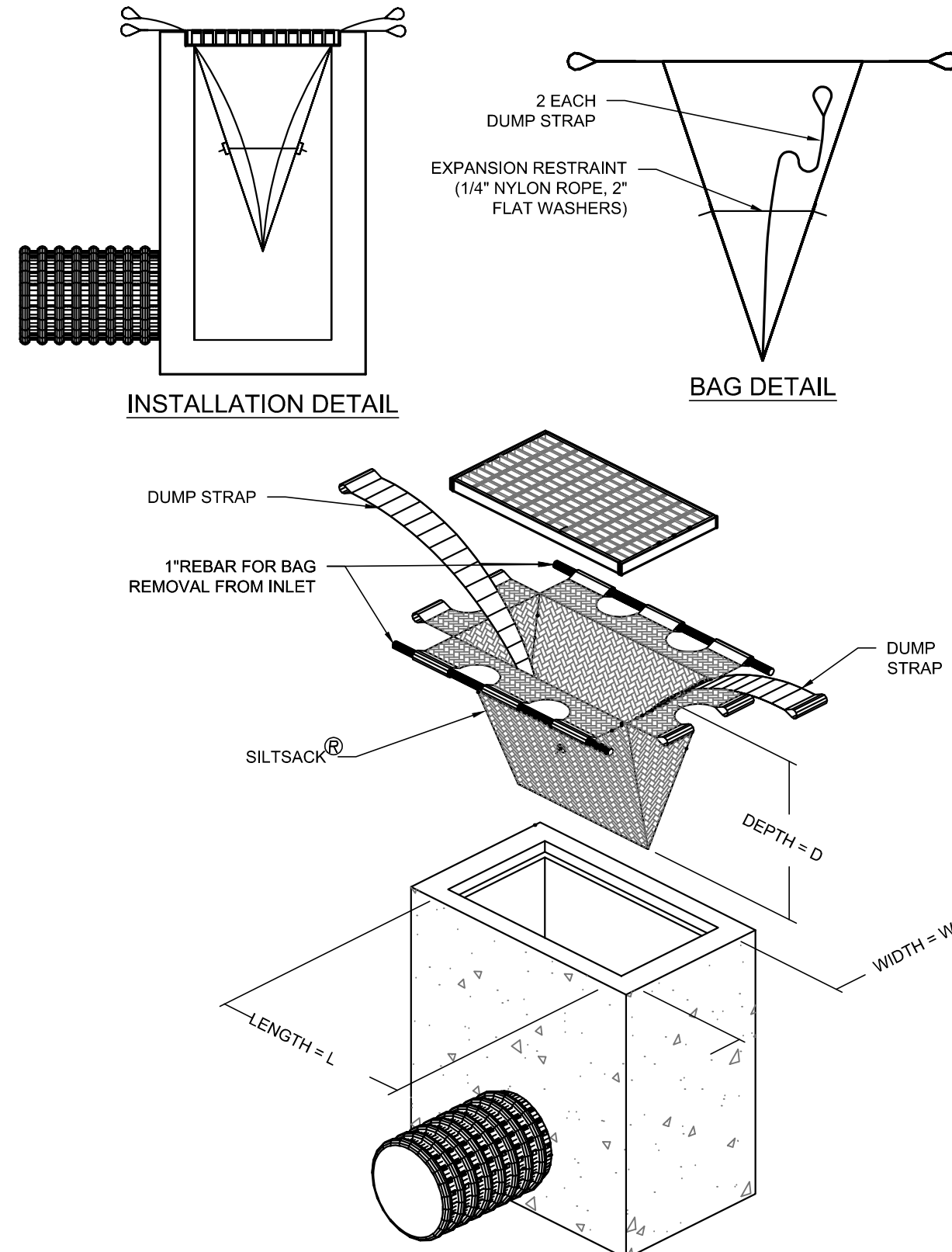


ALL LANDSCAPE/PLANTING AREAS SHALL RECEIVE LOAM AND SEED.

LOAM & SEED DETAIL
N.T.S.

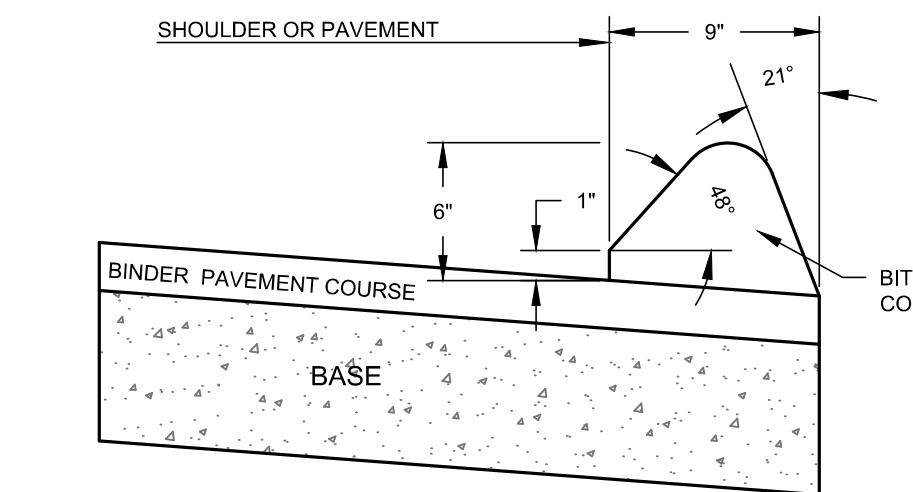


SOIL STOCKPILE DETAIL
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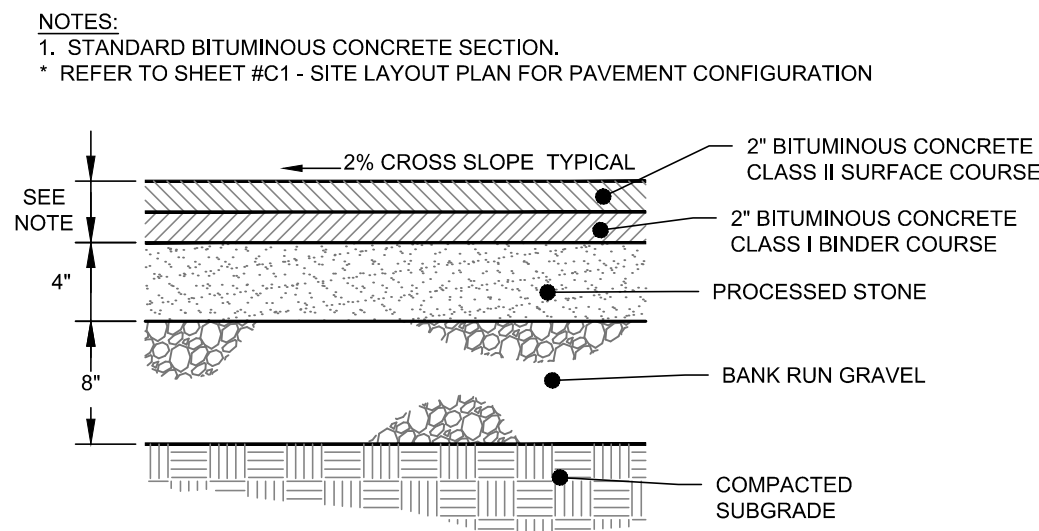


NOTES:
1. AVAILABLE FROM ACF ENVIRONMENTAL 48 OLD GRAYS BRIDGE ROAD BROOKFIELD, CT 06904. (203)313-9002

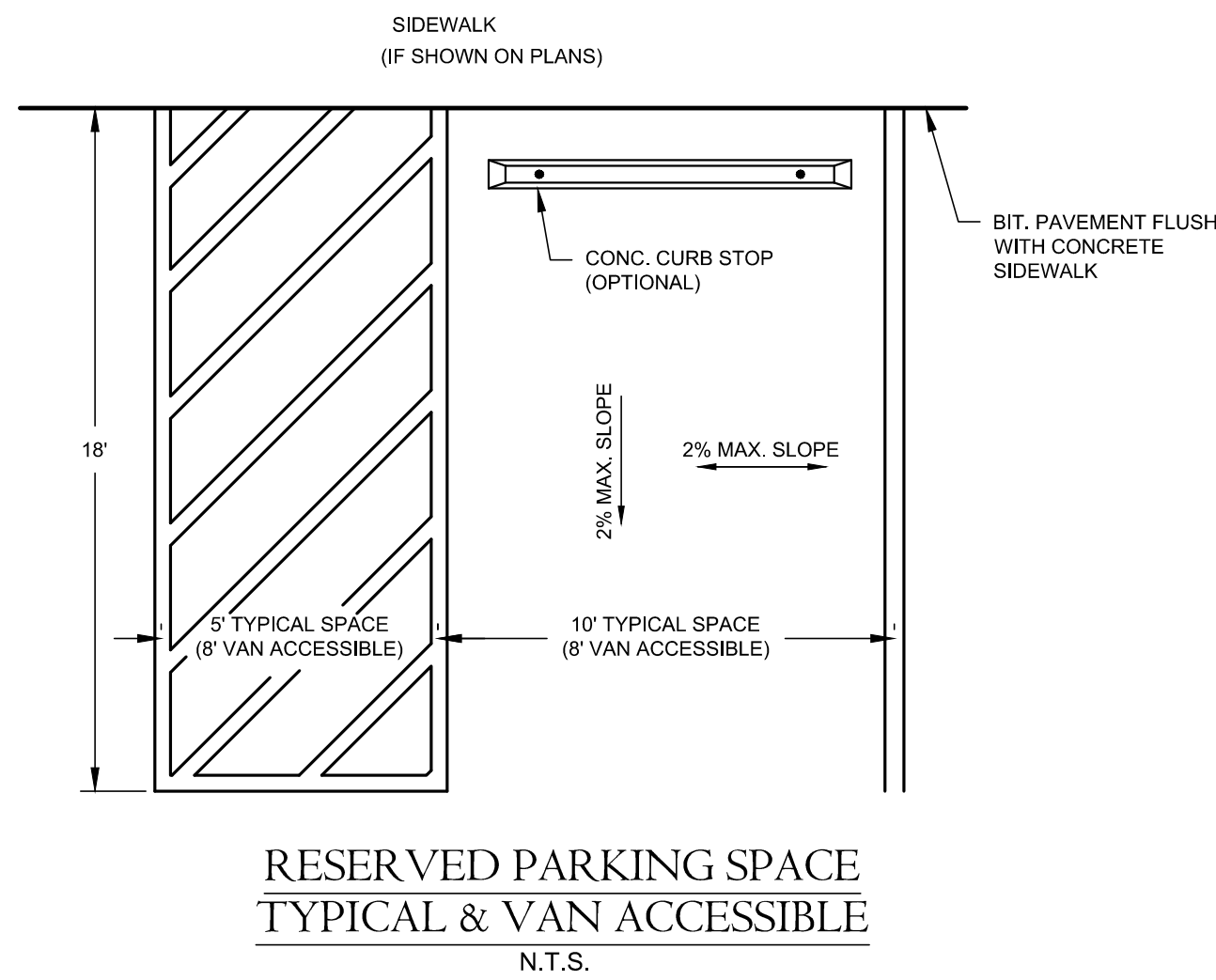
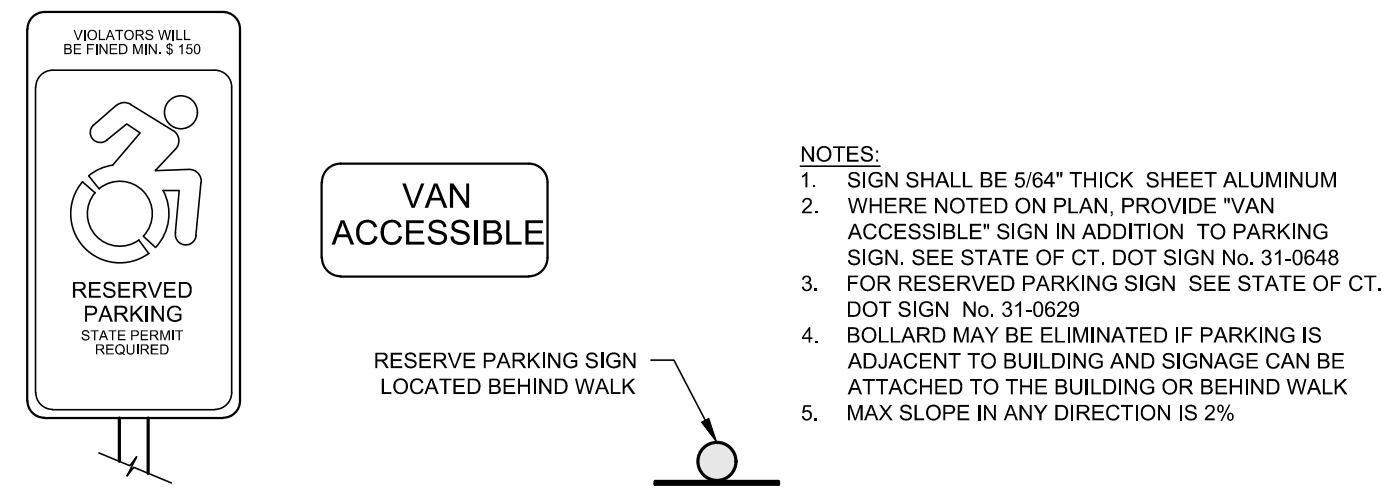
SILTSACK INLET CONTROL DEVICE
N.T.S.



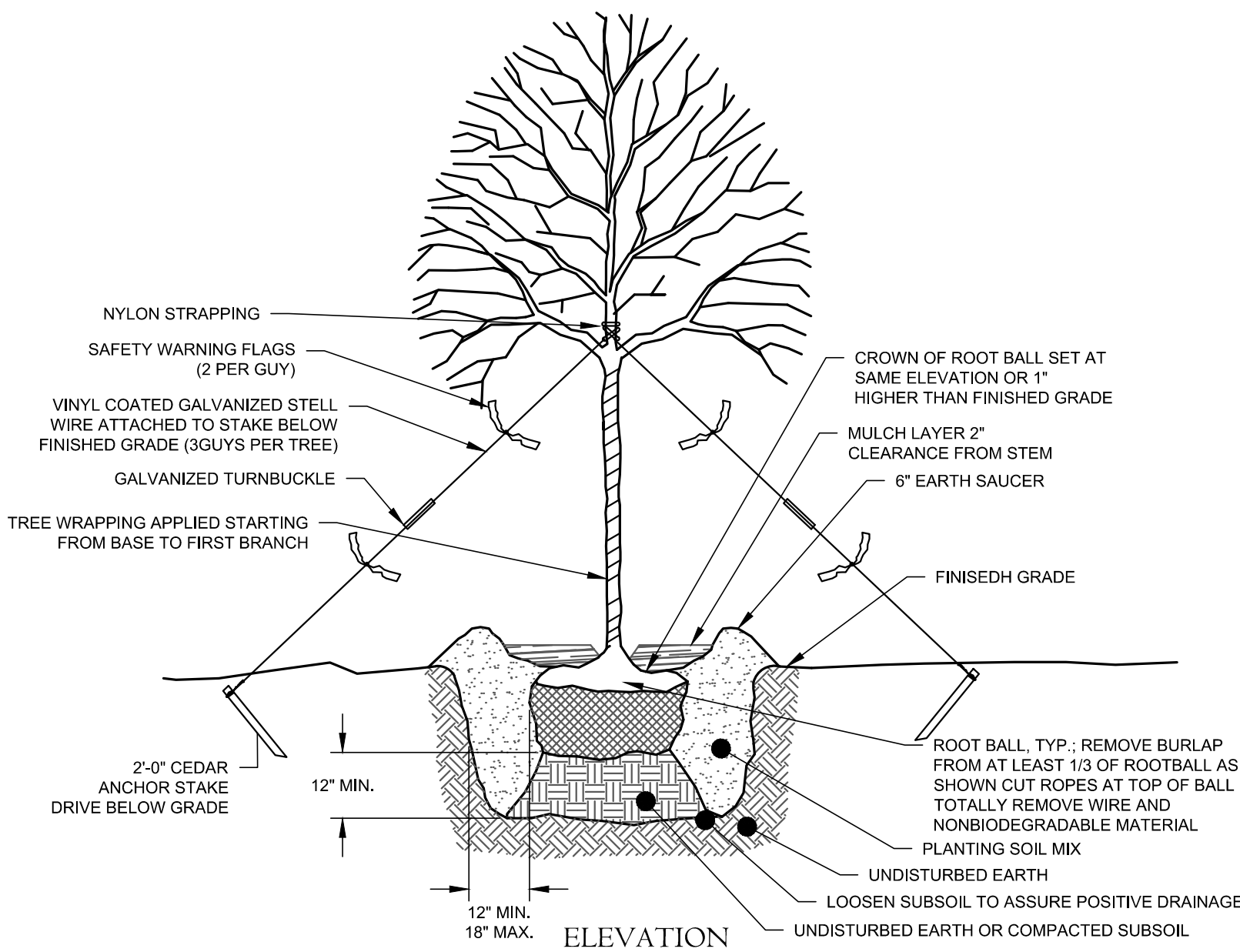
BITUMINOUS CONCRETE LIP CURBING
N.T.S.



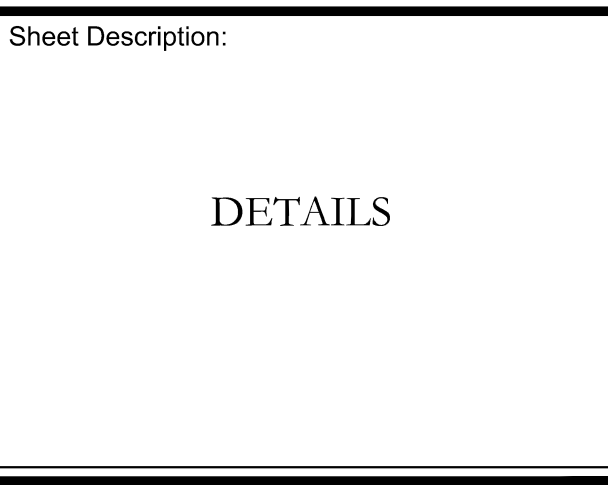
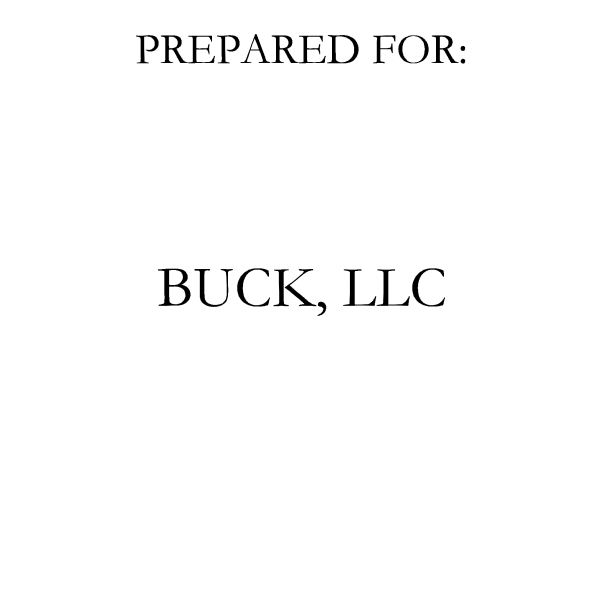
TYPICAL BITUMINOUS CONCRETE PAVEMENT DETAIL
N.T.S.



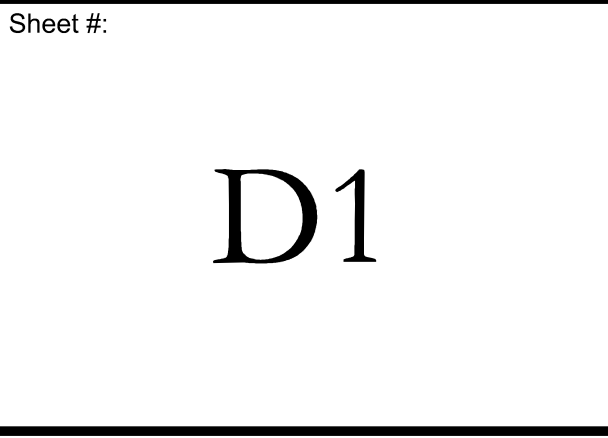
RESERVED PARKING SPACE
TYPICAL & VAN ACCESSIBLE
N.T.S.



TREE PLANTING AND GUYING DETAIL INSTALLED IN OPEN AREAS
N.T.S.

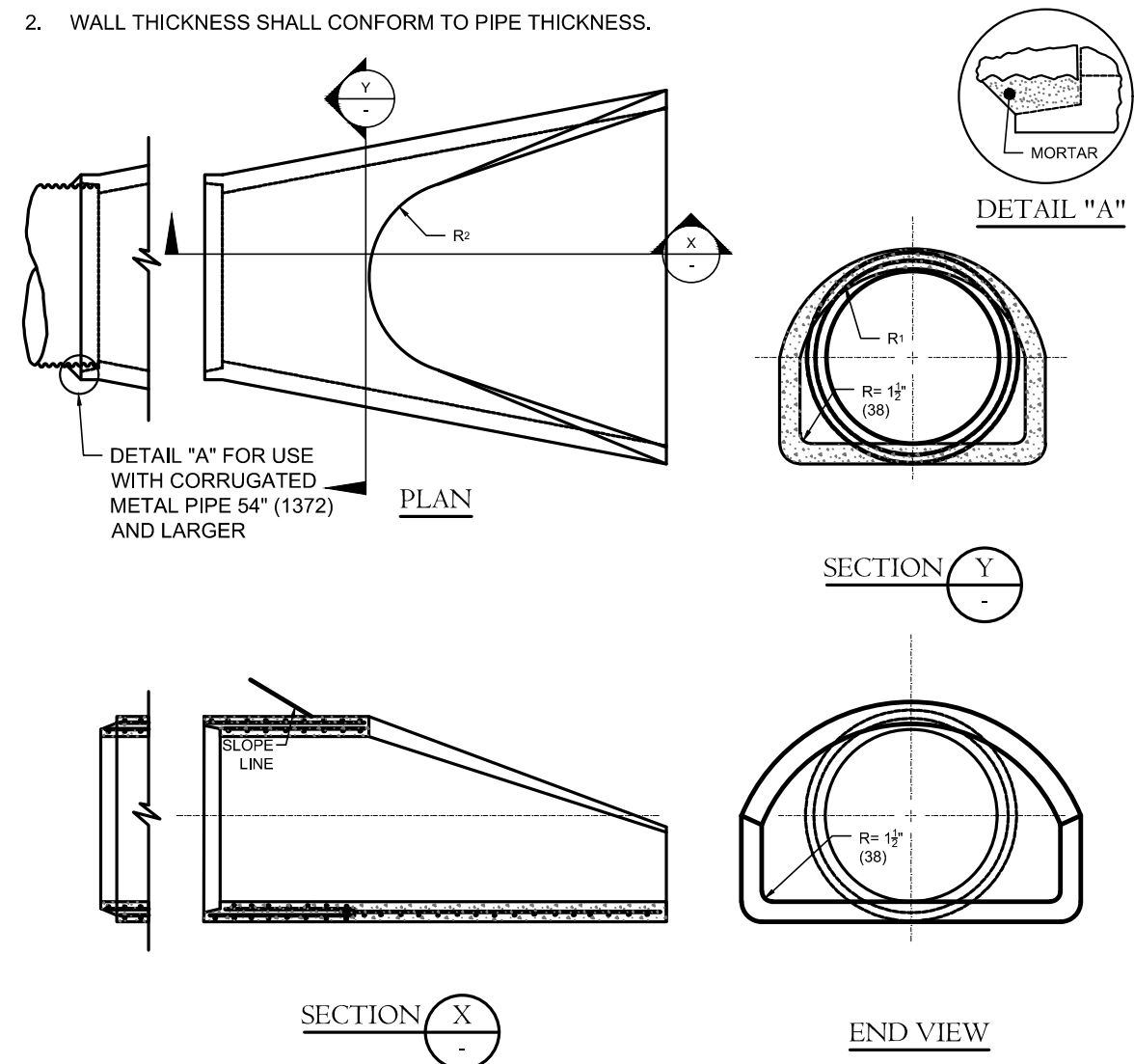


Scale: N.T.S.	
Date: May 18, 2021	
Project #: 2078	F.B. #: ---
Drawn By: BTP	Approved By: MSL
Revisions:	
Date:	Descriptions:
July 23, 2021	Revise per town comments
Aug. 18, 2021	Town Stipulations of Approval
Aug. 2, 2022	Revised Site Layout per Owner
Sept. 23, 2022	Revised per Town Comments



GENERAL NOTES:

- JOINTS SHALL BE TONGUE AND GROOVE OR BELL AND SPIGOT AS REQUIRED TO CONFORM TO PIPE INSTALLED.
- WALL THICKNESS SHALL CONFORM TO PIPE THICKNESS.

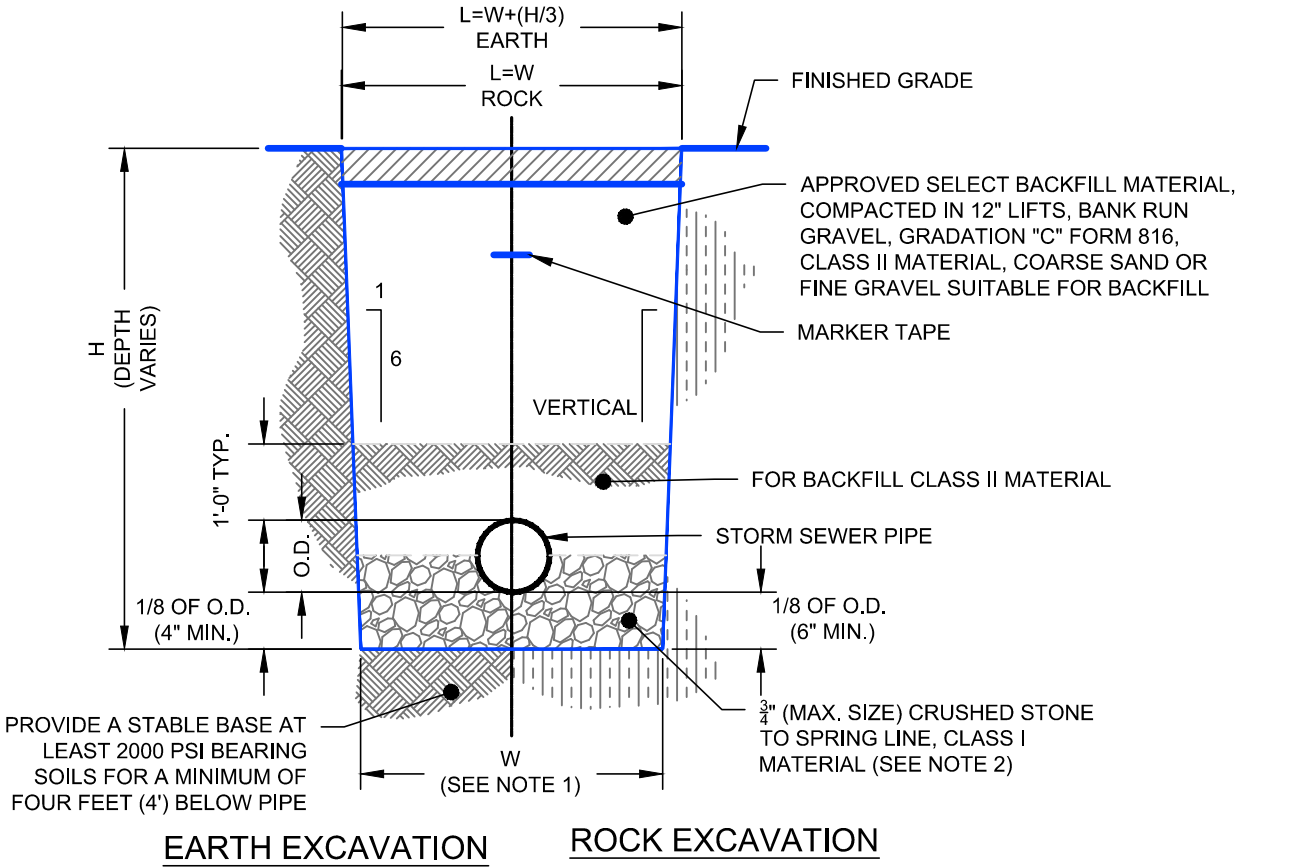


DIMENSIONS FOR REINFORCED CONCRETE CULVERT END										FLARE REINFORCEMENT	
DIAM.	A	B	C	D	E	F	R ₁	R ₂		ONE LAYER ONLY IN CENTER OF WALL	MIN. AREA OF TRANSVERSE STEEL
12"(305)	4"(102)	2'-4"(610)	4'-0"(1219)	6'-0"(1829)	2'-0"(610)	1'-0"(254)	10"(254)	8"(203)	0.048	0.048	
15"(381)	6"(152)	2'-3"(609)	5'-0"(1270)	6'-11"(1854)	2'-0"(610)	1'-0"(254)	11"(279)	11"(279)	0.054	0.054	
18"(457)	9"(229)	2'-3"(609)	5'-10"(1488)	6'-11"(1854)	2'-0"(610)	1'-0"(254)	12"(305)	12"(305)	0.060	0.060	
21"(533)	9"(229)	2'-11"(889)	5'-2"(1365)	6'-11"(1854)	2'-0"(610)	1'-0"(254)	14"(354)	14"(354)	0.066	0.066	
24"(610)	9"(229)	3'-11"(1168)	5'-2"(1365)	6'-11"(1854)	2'-0"(610)	1'-0"(254)	16"(406)	16"(406)	0.072	0.072	
30"(762)	14"(354)	4'-4"(1118)	1'-2"(254)	6'-11"(1854)	2'-0"(610)	1'-0"(254)	18"(457)	18"(457)	0.084	0.084	
36"(914)	14"(354)	5'-11"(1600)	2'-10"(508)	6'-11"(1854)	2'-0"(610)	1'-0"(254)	21"(533)	21"(533)	0.096	0.096	
42"(1067)	14"(354)	6'-11"(1854)	2'-11"(889)	6'-11"(1854)	2'-0"(610)	1'-0"(254)	24"(610)	24"(610)	0.108	0.108	
48"(1219)	2'-0"(610)	6'-11"(1854)	2'-11"(889)	6'-11"(1854)	2'-0"(610)	1'-0"(254)	28"(711)	28"(711)	0.120	0.120	
54"(1372)	2'-3"(609)	6'-11"(1854)	2'-11"(889)	6'-11"(1854)	2'-0"(610)	1'-0"(254)	32"(813)	32"(813)	0.132	0.132	
60"(1524)	2'-8"(711)	6'-11"(1854)	2'-11"(889)	6'-11"(1854)	2'-0"(610)	1'-0"(254)	36"(914)	36"(914)	0.144	0.144	

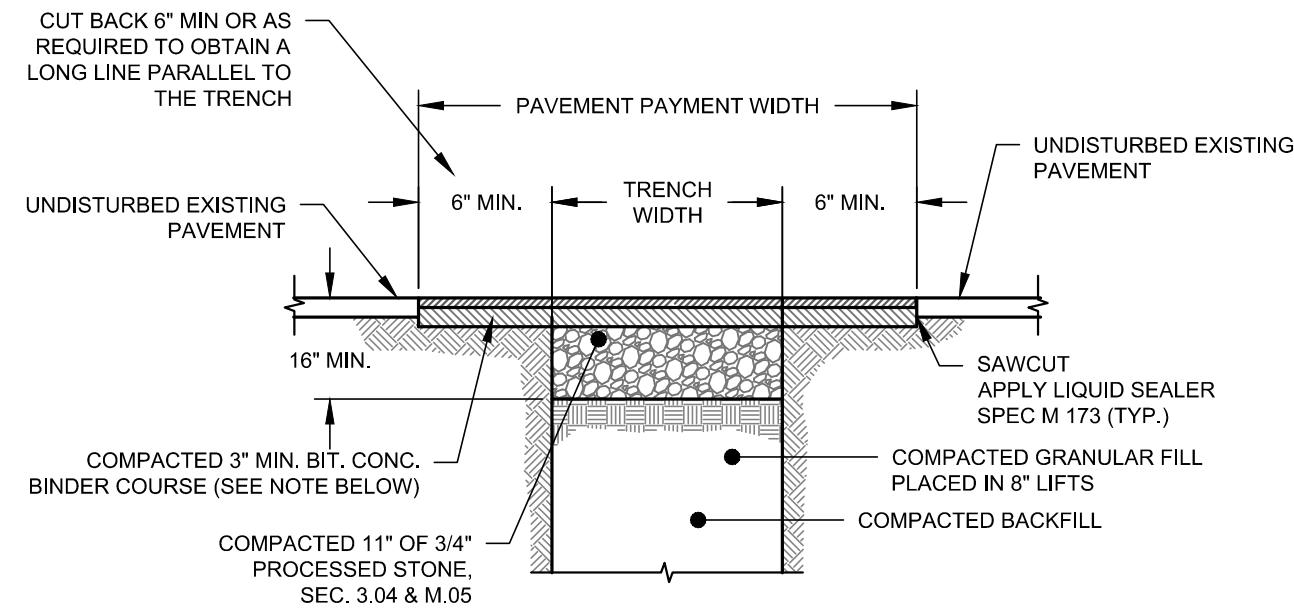
REINFORCED CONCRETE CULVERT END
N.T.S.

NOTES:

- FOR UNSHEETED TRENCH WHERE PIPE O.D. IS 6" OR LESS THAN, PAYMENT WIDTH (W) = 2'-6"; WHERE PIPE O.D. IS GREATER THAN 6" BUT LESS THAN OR EQUAL TO 36" THEN, W = O.D. + 2'-0"; WHERE PIPE O.D. IS GREATER THAN 36" THEN, W = O.D. + 3'-0".
- IF SUITABLE GRANULAR PIPE BEDDING MATERIAL IS AVAILABLE FROM ON SITE EXCAVATIONS, IT SHALL BE UTILIZED PROVIDED IT CONFORMS WITH THE "STANDARD SPECIFICATIONS", AND IS APPROVED BY THE ENGINEER. NO PAYMENT SHALL BE MADE FOR THIS MATERIAL.
- TYPICAL FOR PIPE MATERIALS SPECIFIED, AS CAST IRON (C.I.), CONCRETE PIPE, DUCTILE IRON PIPE OR STEEL PIPE.
- SHEETING OR SHORING OF TRENCH WALLS, WHERE UNSUITABLE CONDITIONS EXIST, IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- FOR ROCK REMOVAL DEPTHS (H) GREATER THAN 10', INCREASE PAYMENT WIDTH (W) BY 6". REMOVAL DEPTH SHALL BE MEASURED FROM THE TOP OF EXPOSED SURFACE.

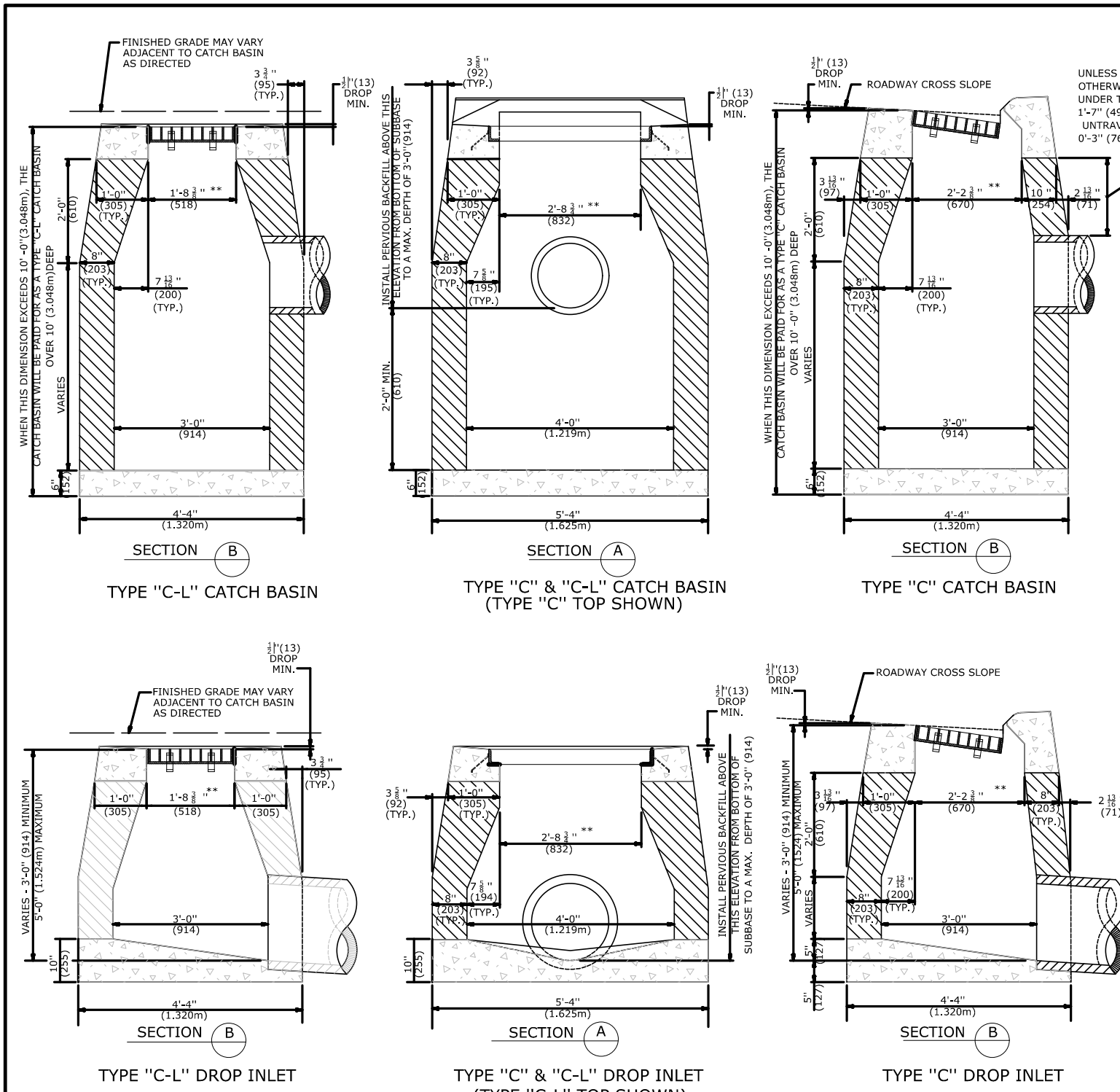


STORM CLASS 'C' TRENCH DETAIL
N.T.S.



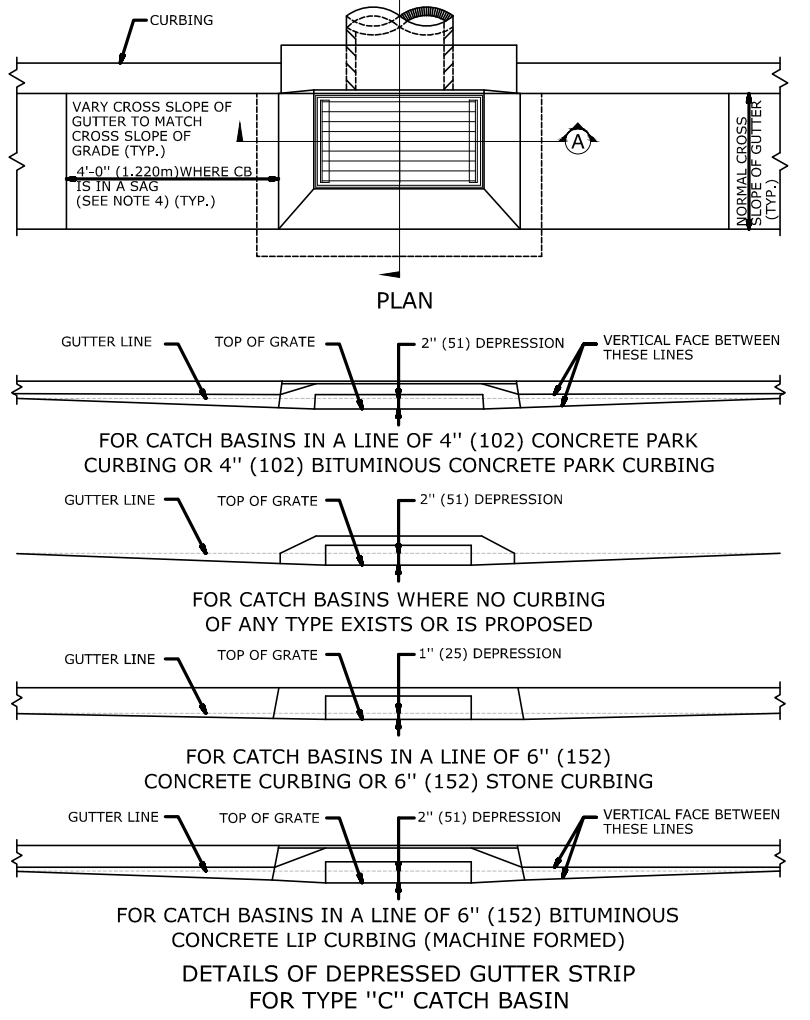
NOTE: WEARING COURSE SHALL BE CLASS II BINDER COURSE SHALL BE CLASS IV SEC. 4.06 & M.04, PERMANENT PAVEMENT THICKNESS TO MATCH EXISTING, IF GREATER THAN 4'-12"

PERMANENT PAVEMENT PATCH DETAIL
N.T.S.

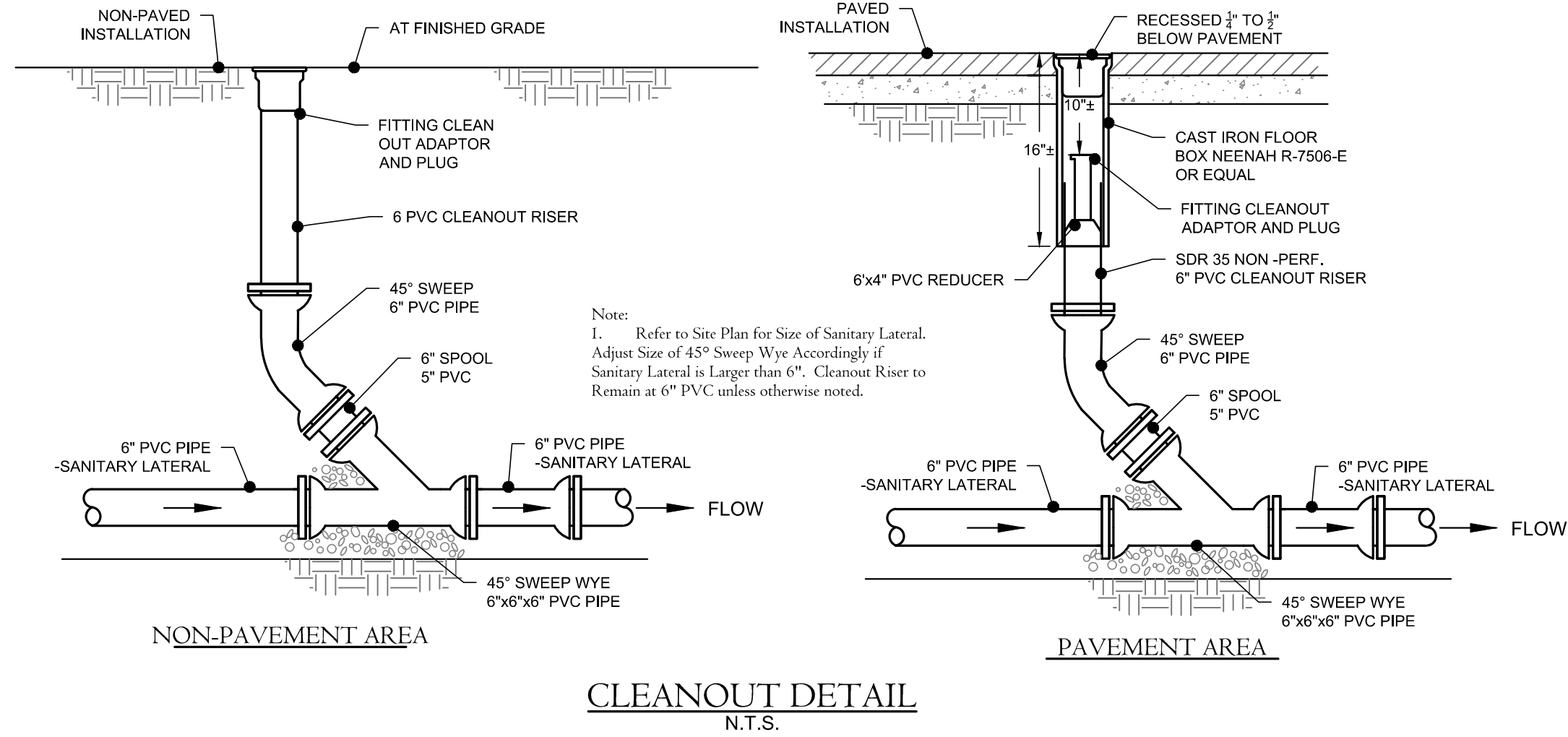


GENERAL NOTES:

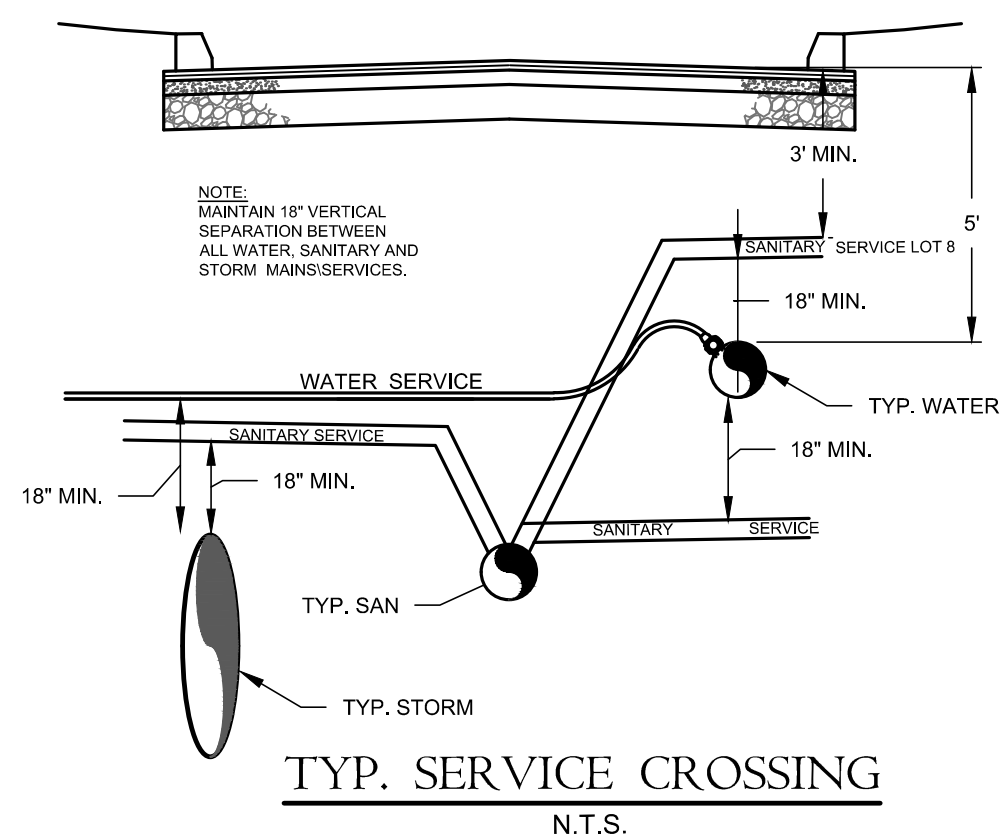
- FOR DETAILS OF FRAME AND GRATE SEE STANDARD SHEET HW-507.06.
- USE APPROPRIATE CONCRETE TOP FOR CURBING SHOWN ON PLANS. IF CURBING IS NOT SPECIFIED ON THE PLANS, IT SHALL BE CONSTRUCTED AS DIRECTED BY THE ENGINEER.
- ALL FACES OF STRUCTURES IN CONTACT WITH CONCRETE PAVEMENT SHALL BE COVERED WITH A LAYER OF 1/2" POLYMER SAND GRADATION. THE CURB FOR THE PAVEMENT SHALL BE CONSTRUCTED AS DIRECTED BY THE ENGINEER.
- USE 6" (152mm) ON GRADE SIDE OF CONTINUOUS GRADE AND 1'-0" (305mm) ON DOWNSLOPE SIDE OF CONTINUOUS GRADE OR AS DIRECTED.
- IF MASONRY WALLS ARE REQUIRED, THE BARS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE OVER ALL DIMENSIONS SHOWN HERE AND SECTION 5.07 OF THE STATE OF CONNECTICUT'S STANDARD SPECIFICATIONS. COMBELLING SHALL BE PERMITTED TO A MAXIMUM OF 3" (75mm). NO PROJECTION SHALL EXTEND INSIDE THE LIMITS NOTED BY **.
- WALL THICKNESS OF ALL CURB OVER 12" (305mm) DEPTH SHALL BE INCREASED TO 12" (305mm) THICK. INSIDE DIMENSION SHALL REMAIN THE SAME. 12" (305mm) THICKNESS WILL START AFTER THE FIRST 12" (305mm).
- TO CONVEY SURFACE DRAINAGE, OPENINGS SHALL BE FORMED IN THE FOUR WALLS AT OR IMMEDIATELY ABOVE THE BOTTOM OF THE PERVIOUS BACKFILL.
- HIGHWAY CONCRETE COMPRESSIVE STRENGTH OF FC = 4000 PSI (27,580 KPa) SHALL BE OBTAINED PRIOR TO SHEPPING.
- LATEST STATE OF CONNECTICUT'S STANDARD SPECIFICATIONS AND SUPPLEMENTALS SHALL GOVERN.



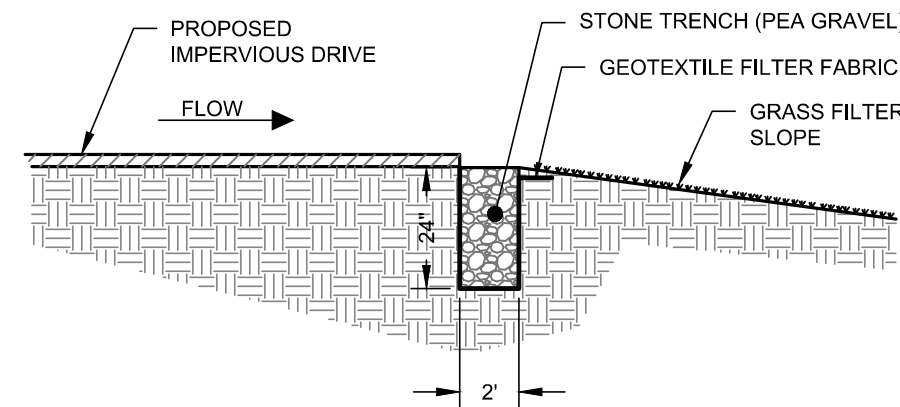
PROJECT NO.	DATE	DESIGNED BY	CHECKED BY	APPROVED BY
2075 BUCK	09/23/2022	JPM	JPM	JPM
NOT TO SCALE				
STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION				
CDOT STANDARD SHEET				
OFFICE OF ENGINEERING				
TYPE "C", "C-L" & DROP INLET CATCH BASIN				



CLEANOUT DETAIL
N.T.S.



TYP. SERVICE CROSSING
N.T.S.



PRETREATMENT FILTER STRIP
N.T.S.

TABLE R1 THICKNESS REQUIREMENTS FOR GRANULAR BEDDING

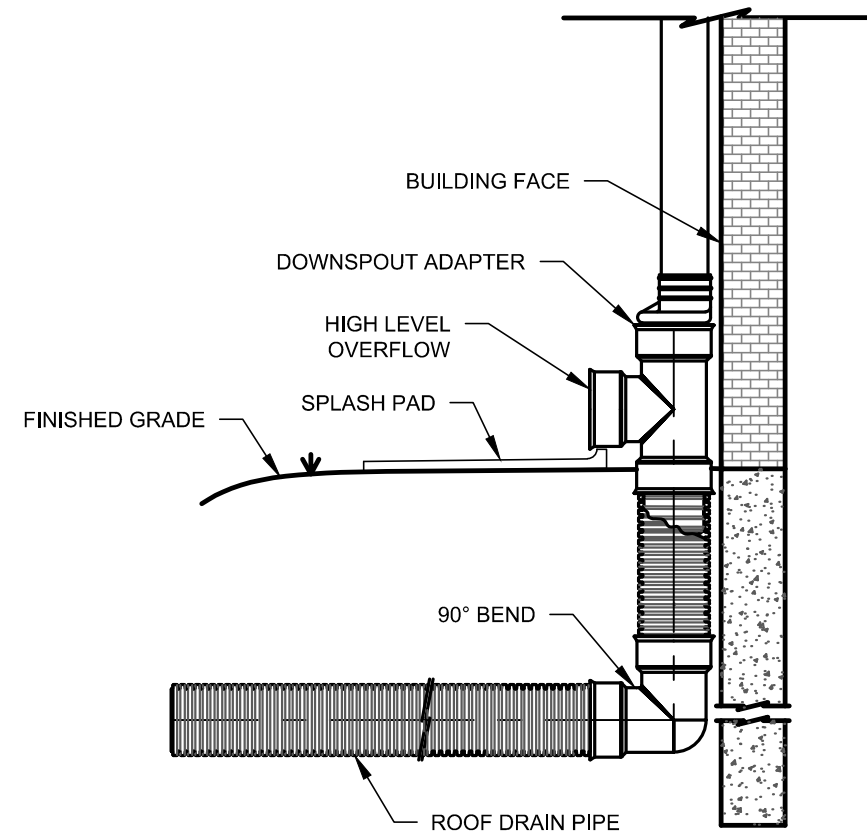
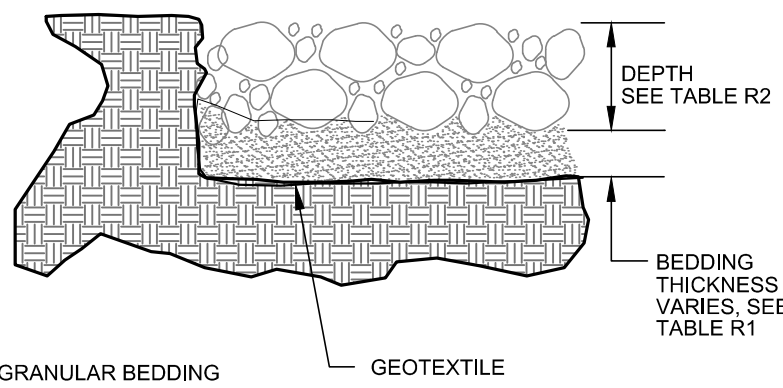
RIPRAP DESIGNATION	MINIMUM BEDDING THICKNESS (INCHES)
MODIFIED	6"
INTERMEDIATE	6"
STANDARD	12"
SPECIAL DESIGN	12"

GRANULAR BEDDING SHALL CONFORM TO CONN. DOT SPECIFICATION M.02.01

RIPRAP DESIGNATION	d ₅₀ (INCHES)	DEPTH (INCHES)
MODIFIED	5	12
INTERMEDIATE	8	18
STANDARD	15	36

d₅₀ = MEAN PARTICLE SIZE
RIPRAP SPECIFICATIONS & GRADATIONS SHALL CONFORM TO CONN. DOT. M.12.02

RIPRAP DESIGNATION	d ₅₀ (INCHES)	DEPTH (INCHES)	U.S. STANDARD SIEVE SIZE	PERCENT WEIGHT BY PASSING CONN. DOT. GRADING A
MODIFIED	5	12	5"	100
INTERMEDIATE	8	18	3 1/2"	100
STANDARD	15	36	1 1/2"	55-100
			3/4"	25-60
			1/4"	15-45
			#40	5-25
			#100	0-10
			#200	0-5



NOTES:
1. JOINTS SHALL BE WATERTIGHT

ROOF DRAIN WITH HIGH LEVEL
OVERFLOW
N.T.S.

PROJECT NAME:

SITE PLAN

50 Mastrianni Place
Southington,
Connecticut

PREPARED FOR:

BUCK, LLC

DETAILS

Sheet Description:

Scale:

N.T.S.

Date: May 18, 2021

Project #: 2078

F.B.#: —

Drawn By: BTP

Approved By: MSL

Revisions:

Date:	Descriptions:
July 23, 2021	Revise per town comments
Aug. 18, 2021	Town Stipulations of Approval
Aug. 2, 2022	Revised Site Layout per Owner
Sept. 23, 2022	Revised per Town Comments

Sheet #:

D2