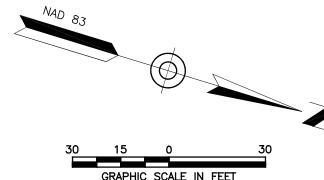


STONE WALL

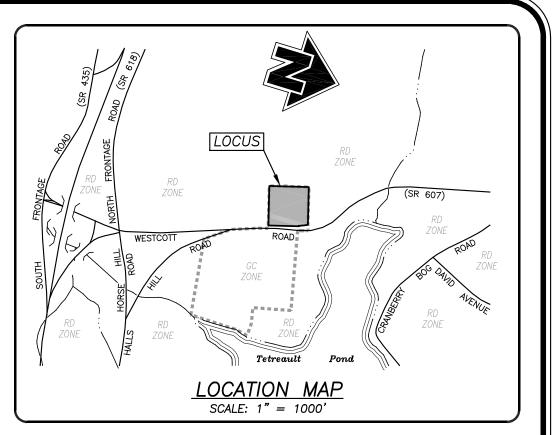


CURVE DATA R = 691.80' $D = 7^{\circ}53'07''$ L = 95.21' $CH = N 38^{\circ}13'08'' W CH = S 23^{\circ}25'44'' E$ 95.13' LINE DATA

LIC. NO. 70191

NO CERTIFICATION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEARS

THE ORIGINAL SEAL AND SIGNATURE OF THE LAND SURVEYOR.



- 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;
  - This survey conforms to a Class "A-2" horizontal accuracy.
  - Topographic features conform to a Class "T-D" vertical accuracy.
  - Survey Type: Property Survey.
  - Boundary Determination Category: Dependent Resurvey.
- 2. Zone = GC.
- 3. Owner of record: American Sports Centers, Inc. 174 Cranberry Bog Road, Killingly, CT 06239 See Volume 1310, Page 109
- 4. Parcel is shown as Lot #5 on Assessors Map #214.
- 5. Elevations shown are based on North American Vertical Datum of 1988 (NAVD 88). Contours taken from the Town of Killingly's GIS data and supplemented with actual field survey. Contour interval = 2'.

#### MAP REFERENCES:

- 1. "Connecticut state Highway Department Right of Way Map Town of Killingly Danielson So. Killingly Road from Stearns St. Southeasterly to South Killingly Route U.S.6. Scale: 1" = 40' Date: Aug. 31, 1936 Number 68—04 Sheet
- 2. "Survey Plan Prepared for Joseph Rainone Jr. Route #6A Killingly, Connecticut Scale: 1" = 40' Date: 6/11/1985 Revised to: 3/27/1991 Sheet 1 of 1 Prepared by: Kieltyka, Woodis & Pike." On file in the Town of Killingly Land Records as map S-141.

01/18/2022	FINAL PLAN REVIEW
01/03/2022	LANDSCAPE MODIFICATIONS
DATE	DESCRIPTION
	REVISIONS

IMPROVEMENT LOCATION SURVEY SHOWING EXISTING CONDITIONS PREPARED FOR

# AMERICAN STORAGE CENTERS, LLC

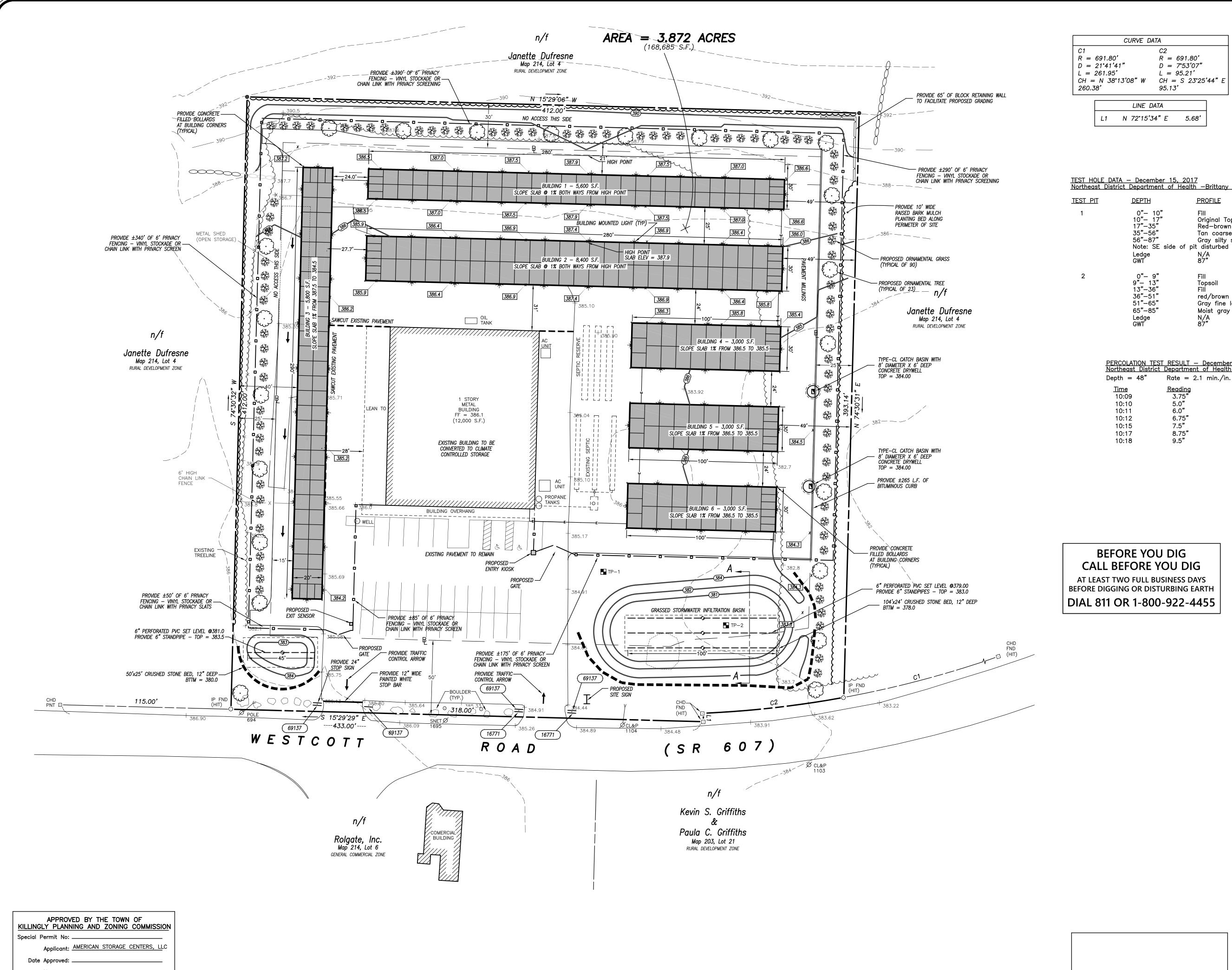
551 WESTCOTT ROAD (SR 607) KILLINGLY, CONNECTICUT

Killingly Engineering Associates Civil Engineering & Surveying

> 114 Westcott Road P.O. Box 421 Killingly, Connecticut 06241 (860) 779-7299

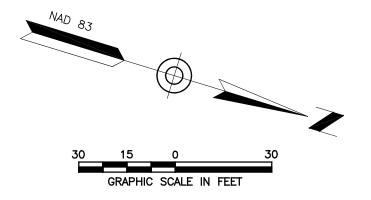
www.killinglyengineering.com

DATE: 10/14/2021 DRAWN: AMR SCALE: 1" = 30'DESIGN: NET SHEET: 1 OF 4 CHK BY: GG DWG. No: CLIENT FILE JOB No: 17157



CURVE DATA R = 691.80' $D = 7^{\circ}53'07''$ L = 95.21' $CH = N 38^{\circ}13'08'' W CH = S 23^{\circ}25'44'' E$ 95.13'

> LINE DATA L1 N 72°15'34" E 5.68'



# <u>TEST HOLE DATA - December 15, 2017</u> Northeast District Department of Health -Brittany Otto

TEST PIT	<u>DEPTH</u>	PROFILE
1	0"— 10" 10"— 17" 17"—35" 35"—56" 56"—87" Note: SE side of <sub> </sub> Ledge GWT	Fill Original Topsoil Red—brown sandy loam w/gravel Tan coarse loamy sand Gray silty sand pit disturbed soil to 53" N/A 87"
2	0"- 9" 9"- 13" 13"-36" 36"-51" 51"-65" 65"-85" Ledge	Fill Topsoil Fill red/brown coarse loamy sand Gray fine loamy sand with gravel Moist gray loamy sand N/A

### <u>PERCOLATION TEST RESULT — December 15, 2017</u> <u>Northeast District Department of Health — Britany Otto</u>

- P	. •		•
<u>Time</u>		<u>Reading</u>	
10:09		3.75 <b>"</b>	
10:10		5.0"	
10:11		6.0"	
10:12		6.75 <b>"</b>	
10:15		7.5 <b>"</b>	
10:17		8.75 <b>"</b>	
10:18		9.5"	

SURFACE COVERAGE TABLE Pavement/Millings 47,692 S.F. 42,100 S.F. 30,172 S.F. Crushed Stone Grassed/Landscape 48,821 S.F.

Total Impervious Surface = 89,692 S.F.

**BEFORE YOU DIG** CALL BEFORE YOU DIG AT LEAST TWO FULL BUSINESS DAYS BEFORE DIGGING OR DISTURBING EARTH

TABLE OF ZONING REQUIREMENTS		
ZONE = GENERAL COMMERCIAL (GC)		
	REQUIRED	<u>PROVIDED</u>
Lot Area	40,000 S.F.	168,685 S.F.
Front Yard Setback	50'	81'
Side Yard Setback	25'	26.3'
Rear Yard Setback	30'	31'
Building Height	40' Max.	27' (Existing)
Lot Coverage	75% Max.*	53.2%

\*75% Max. permitted with Commission approval of Special Permit

01/18/2022	FINAL PLAN REVIEW
01/03/2022	LANDSCAPE MODIFICATIONS
DATE	DESCRIPTION
	REVISIONS

SITE DEVELOPMENT PLAN PREPARED FOR

## AMERICAN STORAGE CENTERS, LLC

551 WESTCOTT ROAD (SR 607) KILLINGLY, CONNECTICUT

Killingly Engineering Associates

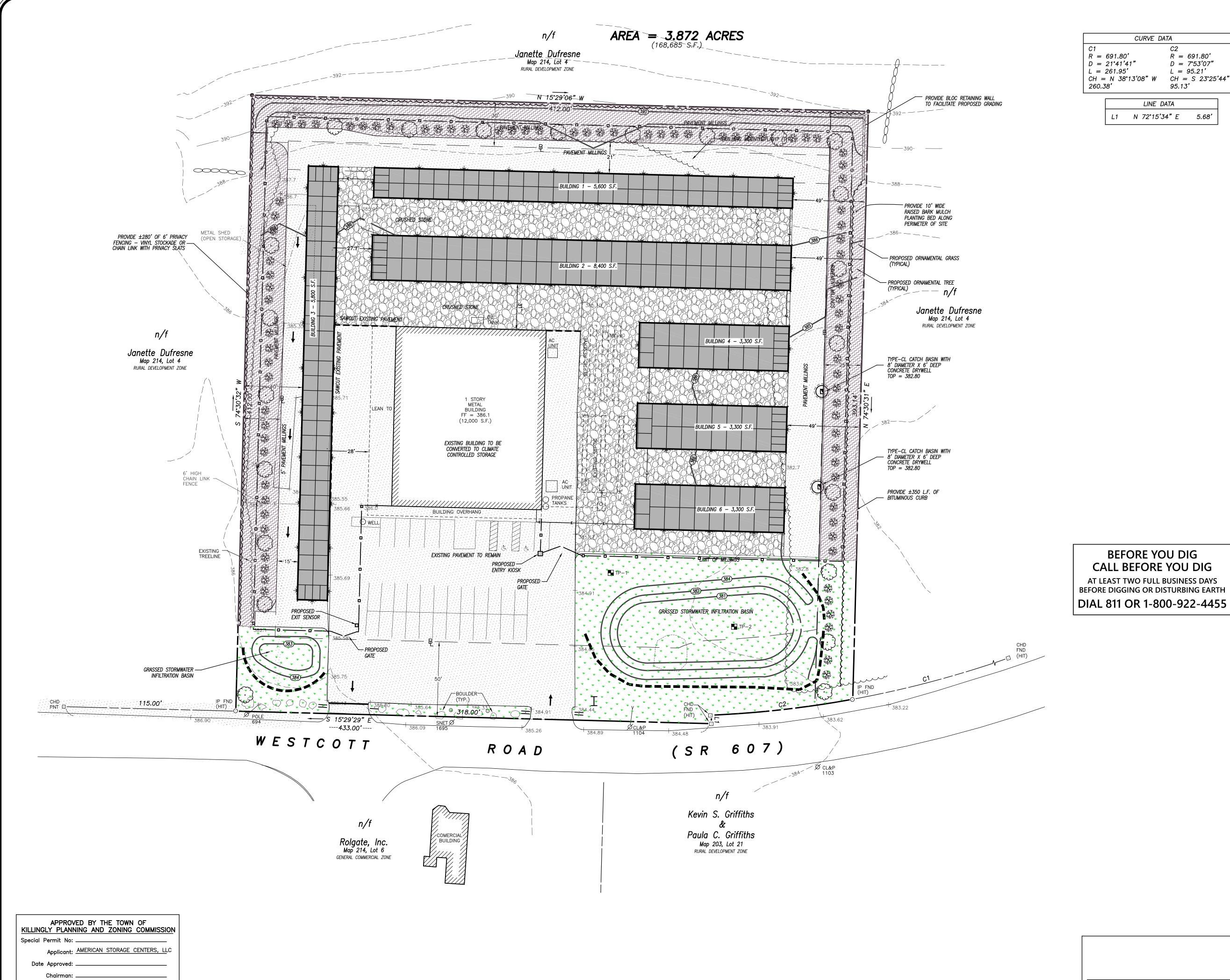


Civil Engineering & Surveying 114 Westcott Road P.O. Box 421

Killingly, Connecticut 06241 (860) 779-7299 www.killinglyengineering.com

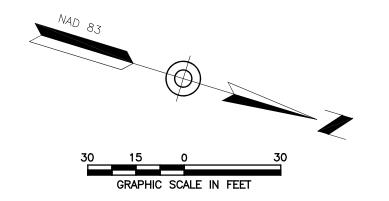
DATE: 10/14/2021 DRAWN: AMR SCALE: 1" = 30'DESIGN: NINET SHEET: 2 OF 4 CHK BY: GG DWG. No: CLIENT FILE JOB No: 17157

NORMAND E. THIBEAULT, JR., P.E.



CURVE DATA R = 691.80' $D = 7^{\circ}53'07''$ L = 95.21' $CH = N 38^{\circ}13'08'' W CH = S 23^{\circ}25'44'' E$ 95.13**'** 

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01/18/2022	FINAL PLAN REVIEW
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DATE DESCRIPTION	
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SURFACE COVERAGE PLAN PREPARED FOR

# AMERICAN STORAGE CENTERS, LLC

551 WESTCOTT ROAD (SR 607) KILLINGLY, CONNECTICUT

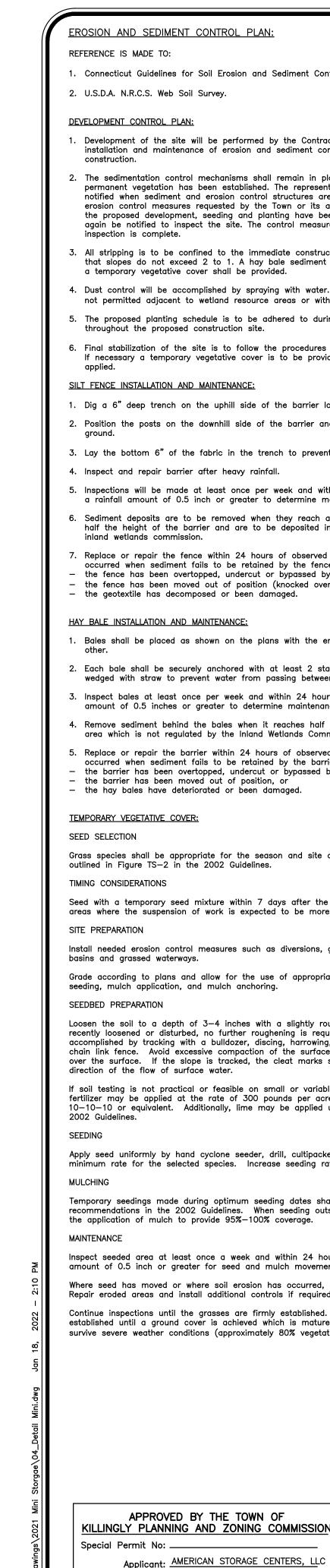
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DATE: 10/14/2021 DRAWN: AMR SCALE: 1" = 30'DESIGN: NET SHEET: 3 OF 4 CHK BY: GG DWG. No: CLIENT FILE JOB No: 17157

# REFERENCE IS MADE TO: 2. U.S.D.A. N.R.C.S. Web Soil Survey. DEVELOPMENT CONTROL PLAN: **TEMPORARY VEGETATIVE COVER:** SEED SELECTION TIMING CONSIDERATIONS SITE PREPARATION basins and grassed waterways. 2002 Guidelines. established until a ground cover is achieved which is mature enough to control soil erosion and to survive severe weather conditions (approximately 80% vegetative cover).



#### EROSION AND SEDIMENT CONTROL PLAN: 1. Connecticut Guidelines for Soil Erosion and Sediment Control 2002 (2002 Guidelines). 1. Development of the site will be performed by the Contractor, who will be responsible for the installation and maintenance of erosion and sediment control measures required throughout 2. The sedimentation control mechanisms shall remain in place from start of construction until permanent vegetation has been established. The representative for the Town of Killingly will be notified when sediment and erosion control structures are initially in place. Any additional soil & erosion control measures requested by the Town or its agent, shall be installed immediately. Once the proposed development, seeding and planting have been completed, the representative shall again be notified to inspect the site. The control measures will not be removed until this 3. All stripping is to be confined to the immediate construction area. Topsoil shall be stockpiled so that slopes do not exceed 2 to 1. A hay bale sediment barrier is to surround each stockpile and a temporary vegetative cover shall be provided. 4. Dust control will be accomplished by spraying with water. The application of calcium chloride is not permitted adjacent to wetland resource areas or within 100' of these areas. 5. The proposed planting schedule is to be adhered to during the planting of disturbed areas throughout the proposed construction site. 6. Final stabilization of the site is to follow the procedures outlined in "Permanent Vegetative Cover". If necessary a temporary vegetative cover is to be provided until a permanent cover can be SILT FENCE INSTALLATION AND MAINTENANCE: 1. Dig a 6" deep trench on the uphill side of the barrier location. 2. Position the posts on the downhill side of the barrier and drive the posts 1.5 feet into the 3. Lay the bottom 6" of the fabric in the trench to prevent undermining and backfill. 4. Inspect and repair barrier after heavy rainfall 5. Inspections will be made at least once per week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inch or greater to determine maintenance needs. 6. Sediment deposits are to be removed when they reach a height of 1 foot behind the barrier or half the height of the barrier and are to be deposited in an area which is not regulated by the 7. Replace or repair the fence within 24 hours of observed failure. Failure of the fence has occurred when sediment fails to be retained by the fence because: the fence has been overtopped, undercut or bypassed by runoff water. - the fence has been moved out of position (knocked over), or - the geotextile has decomposed or been damaged. HAY BALE INSTALLATION AND MAINTENANCE: 1. Bales shall be placed as shown on the plans with the ends of the bales tightly abutting each 2. Each bale shall be securely anchored with at least 2 stakes and gaps between bales shall be wedged with straw to prevent water from passing between the bales. 3. Inspect bales at least once per week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inches or greater to determine maintenance needs. 4. Remove sediment behind the bales when it reaches half the height of the bale and deposit in an area which is not regulated by the Inland Wetlands Commission 5. Replace or repair the barrier within 24 hours of observed failure. Failure of the barrier has occurred when sediment fails to be retained by the barrier because: - the barrier has been overtopped, undercut or bypassed by runoff water the barrier has been moved out of position, or - the hay bales have deteriorated or been damaged. Grass species shall be appropriate for the season and site conditions. Appropriate species are Seed with a temporary seed mixture within 7 days after the suspension of grading work in disturbed areas where the suspension of work is expected to be more than 30 days but less than 1 year. Install needed erosion control measures such as diversions, grade stabilization structures, sediment Grade according to plans and allow for the use of appropriate equipment for seedbed preparation, seeding, mulch application, and mulch anchoring. Loosen the soil to a depth of 3-4 inches with a slightly roughened surface. If the area has been recently loosened or disturbed, no further roughening is required. Soil preparation can be accomplished by tracking with a bulldozer, discing, harrowing, raking or dragging with a section of chain link fence. Avoid excessive compaction of the surface by equipment traveling back and forth over the surface. If the slope is tracked, the cleat marks shall be perpendicular to the anticipated direction of the flow of surface water. If soil testing is not practical or feasible on small or variable sites, or where timing is critical, fertilizer may be applied at the rate of 300 pounds per acre or 7.5 pounds per 1,000 square feet of 10-10-10 or equivalent. Additionally, lime may be applied using rates given in Figure TS-1 in the Apply seed uniformly by hand cyclone seeder, drill, cultipacker type seeder or hydroseeder at a minimum rate for the selected species. Increase seeding rates by 10% when hydroseeding. Temporary seedings made during optimum seeding dates shall be mulched according to the recommendations in the 2002 Guidelines. When seeding outside of the recommended dates, increase the application of mulch to provide 95%-100% coverage. Inspect seeded area at least once a week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inch or greater for seed and mulch movement and rill erosion. Where seed has moved or where soil erosion has occurred, determine the cause of the failure. Repair eroded areas and install additional controls if required to prevent reoccurrence of erosion. Continue inspections until the grasses are firmly established. Grasses shall not be considered



PERMANENT VEGETATIVE COVER:

be removed as well as debris.

to June 15 & August 15 - October 1.

**DEVELOPMENT SCHEDULE/SEQUENCE OF OPERATIONS:** 

10. Install utilities to within 10' of proposed buildings.

completion of each building.

compacted areas.

Killingly Zoning Officer.

development plan.

the plans.

Refer to Permanent Seeding Measure in the 2002 Guidelines for specific applications

and details related to the installation and maintenance of a permanent vegetative

1. Topsoil will be replaced once the excavation and grading has been completed.

2. Once the topsoil has been spread, all stones 2" or larger in any dimension will

3. Apply agricultural ground limestone at a rate of 2 tons per acre or 100 lbs. per

5. Apply the chosen grass seed mix. The recommended seeding dates are: April 1

seeding. If a permanent vegetative stand cannot be established by September

30, apply a temporary cover on the topsoil such as netting, mat or organic

1. Flag the limits of disturbance and schedule preconstruction meeting with Town of

2. Contact utility companies for scheduling installation of utilities and connections

3. Cut trees and brush within the defined clearing limits and remove the cut wood.

4. Install perimeter erosion and sedimentation controls in accordance with the site

6. Remove tree stumps and dispose of at an approved disposal site. Alternatively,

stockpile with silt fence or staked haybales, and apply temporary seeding in

accordance with recommended mixtures. Divert runoff around the perimeter of

required and install additional erosion controls as necessary and as shown on

9. Inspect perimeter erosion and sedimentation controls weekly and after rain events

in excess of 0.5". Repair any damaged controls and provide additional erosion

control devices as necessary to address areas of concentrated runoff that may

installing additional erosion controls. Apply water as necessary for dust control.

develop as a result of the construction activities. The contractor shall review

discharge conditions with the design engineer or the Town of Killingly prior to

12.Excavate for building footings, stockpile soil and pour footings & slabs. Begin

14. Install first course of pavement millings to each building as they are completed.

15. When the remainder of the site work is near completion, sweep all paved areas

for the final course of paving. Inspect erosion controls and remove any

16. Install final course of pavement millings upon the completion of the final

17. Fine grade, rake, seed and mulch to within 2' of the pavement millings.

stabilized to the satisfaction of the Town of Killingly.

18. Remove and dispose of all silt fence and hay bales after the site has been

11. Prepare for access drives and remainder of the site for final grading.

13. Place topsoil where required and install any proposed landscaping upon

5. Chip brush and slash, stockpile chips for use on site or remove off site.

stumps may be chipped in place. No stumps shall be buried on site.

7. Strip and stockpile topsoil that is within the footprint of the site. Surround

8. Make all required cuts and fills. Establish the subgrade for the driveway as

1000 s.f. Apply 10-10-10 fertilizer or equivalent at a rate of 300 lbs. per acre

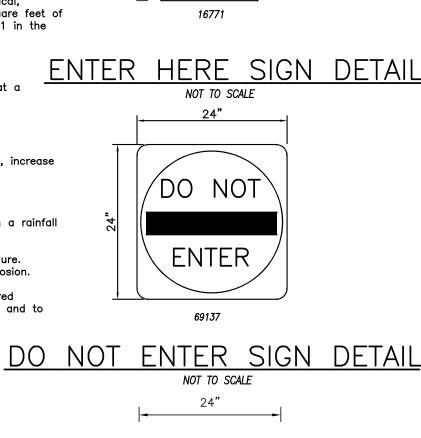
or 7.5 lbs. per 1000 s.f. Work lime and fertilizer into the soil to a depth of 4".

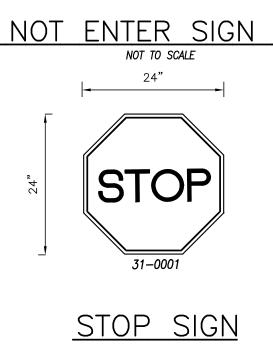
cover. In general, the following sequence of operations shall apply:

Topsoil will be spread at a minimum compacted depth of 4".

4. Inspect seedbed before seeding. If traffic has compacted the soil, retill

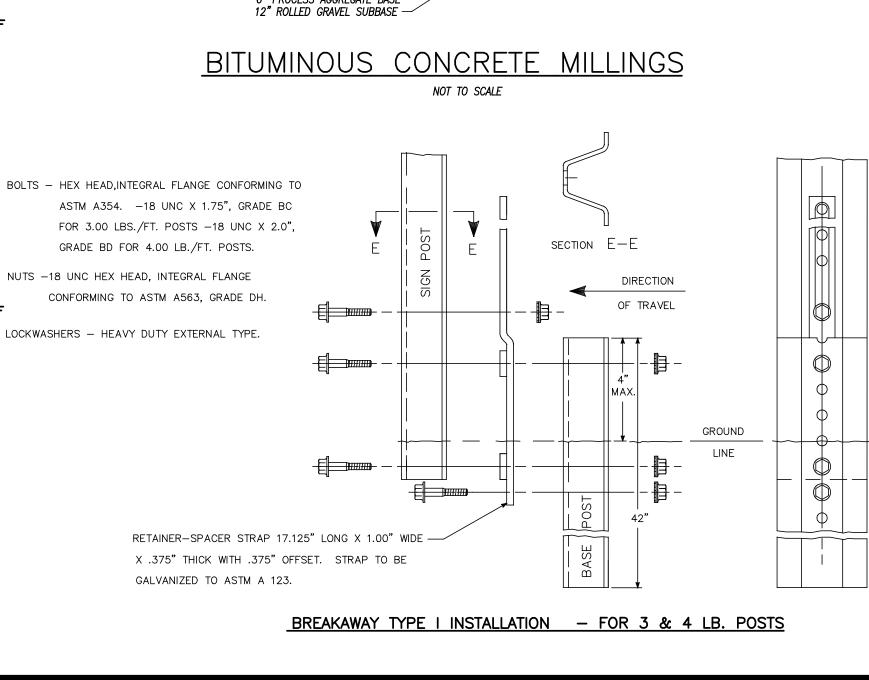
6. Following seeding, firm seedbed with a roller. Mulch immediately following





NOT TO SCALE

NOTE: ALL SIGNS SHALL BE MOUNTED ON BREAKAWAY POSTS



property owners. They are is shown for

around utilities.

disturbance.

manner, by the contractor.

or Surveyor immediately.

subgrade — contractor shall spread and compact.

Contractor shall provide, spread and compact

9. The entire project site shall be thoroughly cleaned

all adjacent areas affected by the construction

activities as directed by the Owner or the

at the completion of the work. Clean all installed

- BITUMINOUS CONCRETE

paved areas, accumulated silt and sediment, plus

required processed aggregate

BITUMINOUS MILLINGS

PROCESSED AGGREGATE BASE

BITUMINOUS CONCRETE

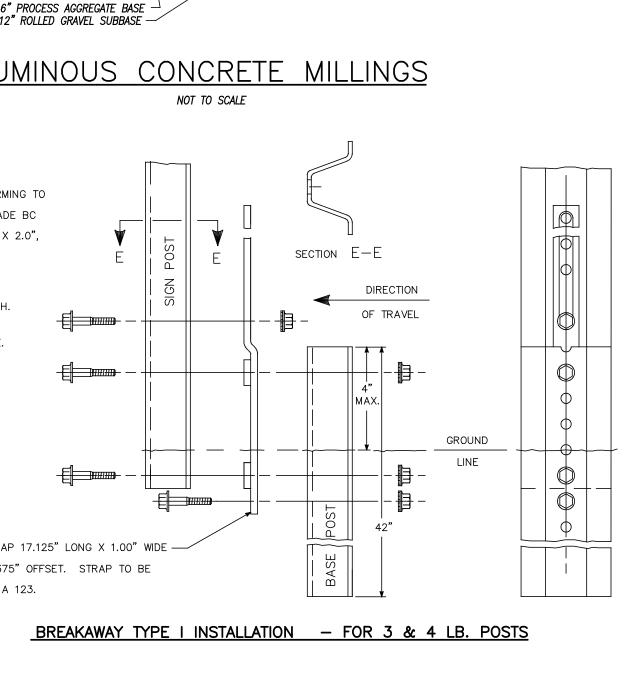
LIP CURBING DETAIL

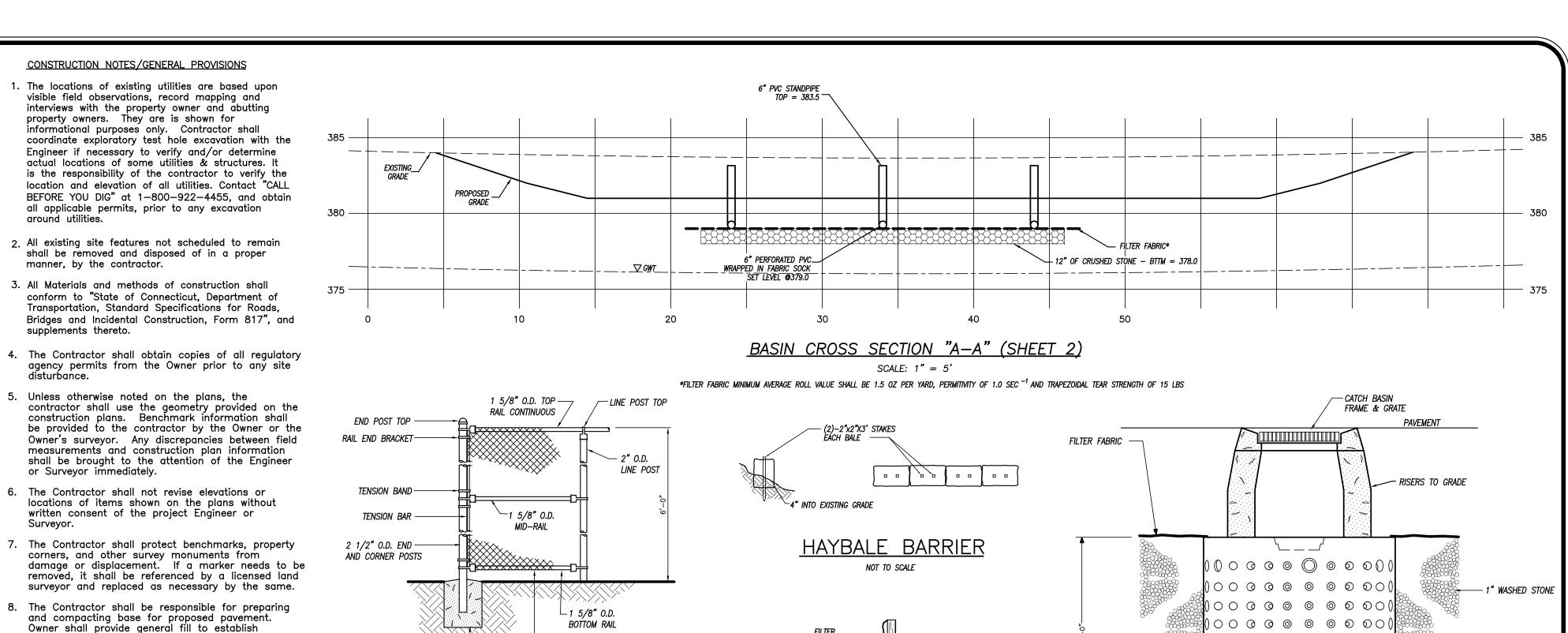
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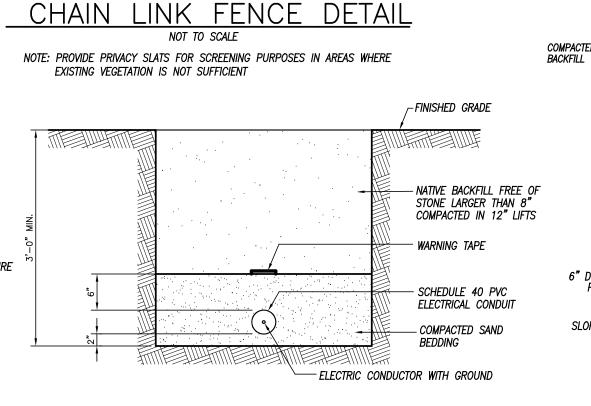
jurisdictional Agency.

- ROLLED GRAVEL SUBBASE -

3" BITUMINOUS CONCRETE MILLINGS -







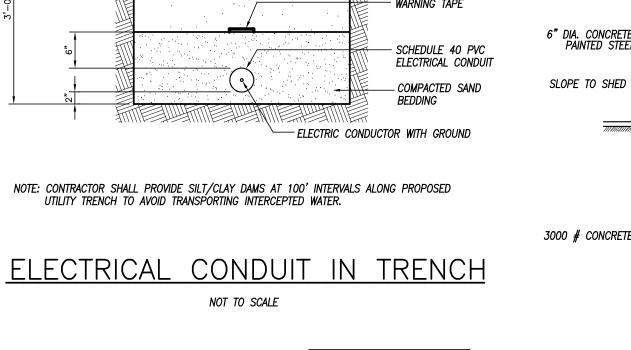
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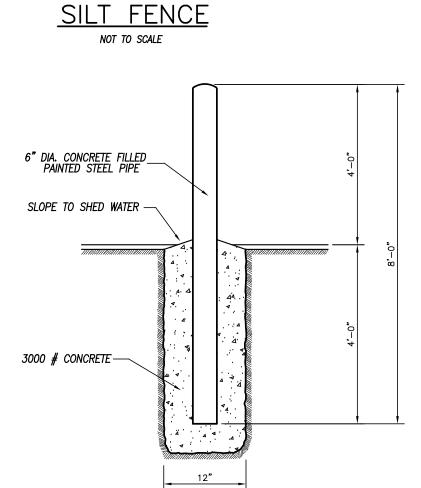
FABRIC KNUCKLED

TOP AND BOTTOM

-CONCRETE FOOTING

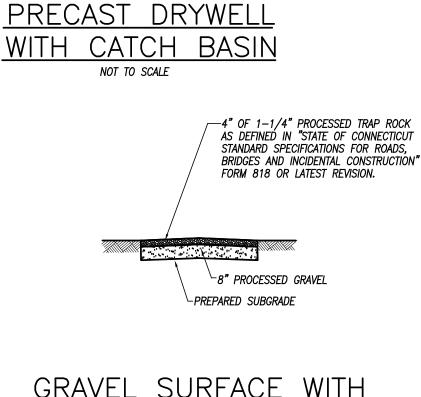
(ALL POSTS)





NOT TO SCALE

ANGLE 10° UP SLOPE FOR STABILITY AND

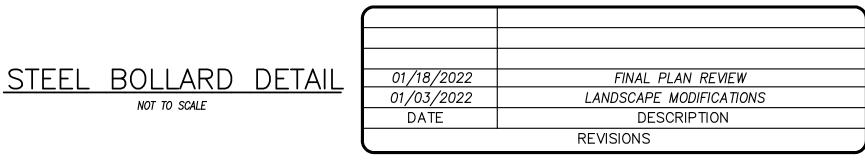


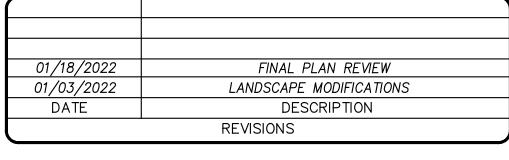
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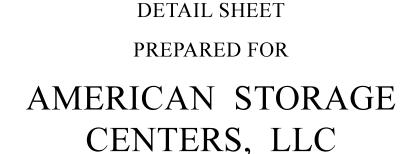
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GRAVEL SURFACE WITH PROCESSED TRAP ROCK DETAIL NOT TO SCALE







551 WESTCOTT ROAD (SR 607) KILLINGLY, CONNECTICUT

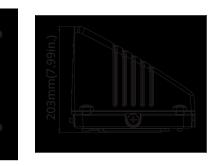
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DATE: 10/14/2021 DRAWN: AMR SCALE: NOT TO SCALE DESIGN: NET SHEET: 4 OF 4 CHK BY: GG DWG. No: CLIENT FILE JOB No: 17157

DIAL 811 OR 1-800-922-4455

SIDE FRONT





**BUILDING MOUNTED LIGHT** 

FULL CUTOFF WALL PACK NOT TO SCALE DESIGN SPECS:
•FULL CUTOFF DESIGN •LED LIGHT WITH 6,300 LUMENS •LIGHT SHALL BE POSITIONED TO PREVENT LIGHT AND GLARE FROM SPILLING ONTO ADJACENT PROPERTY

BEFORE YOU DIG CALL BEFORE YOU DIG AT LEAST TWO FULL BUSINESS DAYS BEFORE DIGGING OR DISTURBING EARTH

NORMAND E. THIBEAULT, JR., P.E.