

# Cusson Automotive, Inc.

753 John Fitch Boulevard  
South Windsor, CT  
Map 46 Lot 33



SITE LOCUS  
1"=1,000'

Applicant

*Cusson Enterprises LLC*  
29 Mascolo Road  
South Windsor, CT 06074  
(860) 289-2389

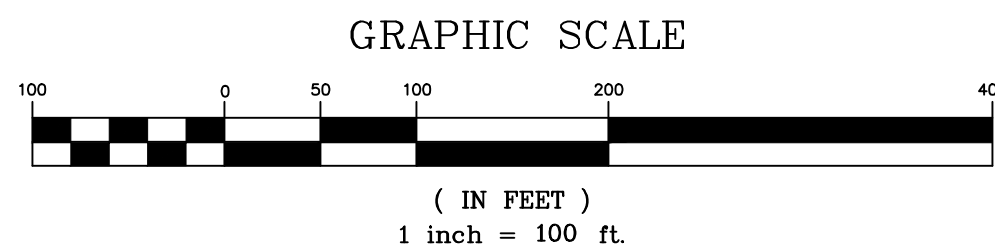
Owner

*5 DS LLC*  
c/o Barbara A. Dalene  
East Hartland, CT 06027

Prepared By



DRAWING INDEX		
SHEET TITLE	SHEET NO.	LATEST REVISION
<u>CIVIL</u>		
COVER SHEET	1 of 11	5-22-23
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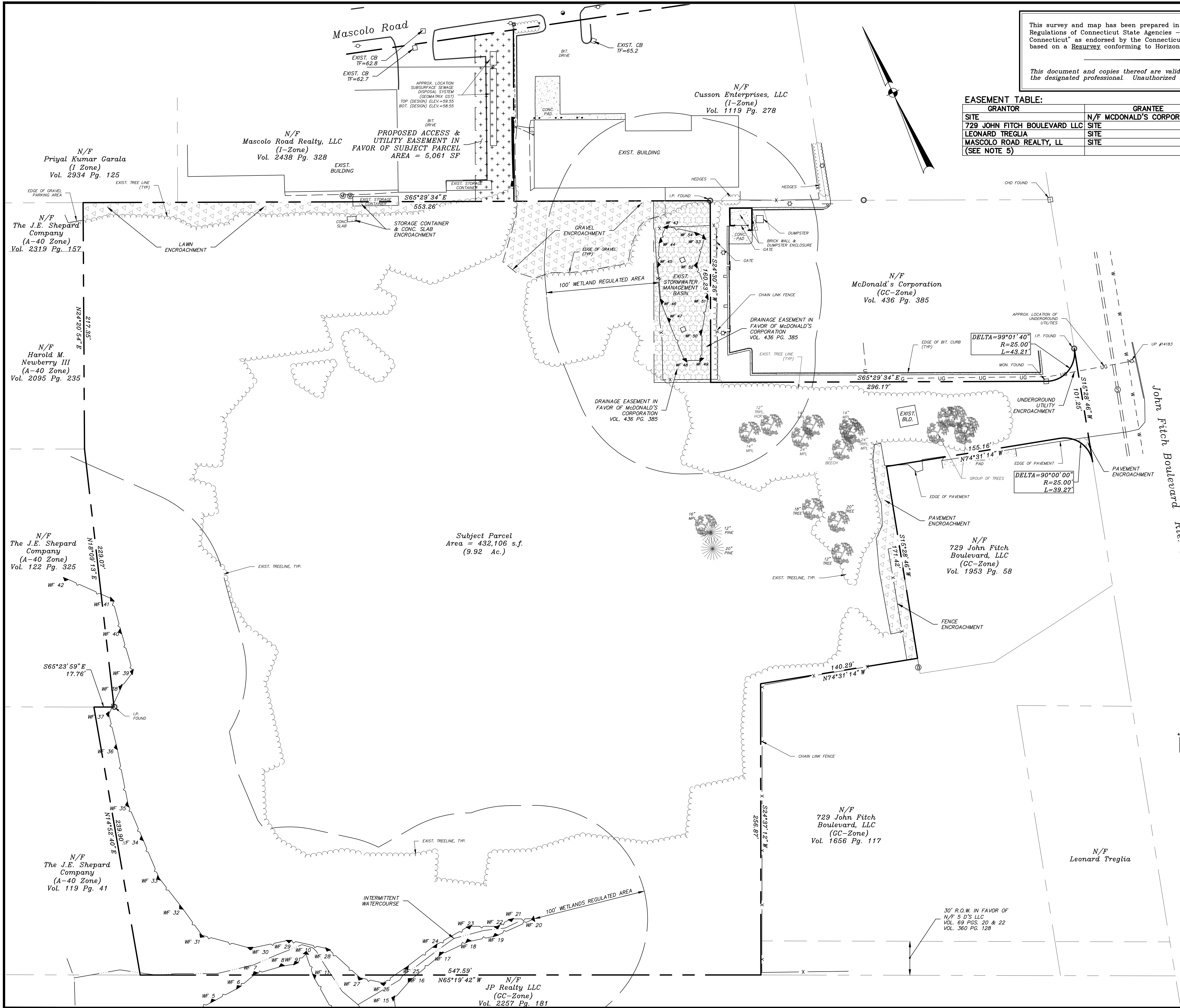
REVISIONS	
BY: LF/TAC	CHK: JEU

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753 John Fitch Boulevard  
South Windsor, Connecticut  
Map 46 Lot 33

<h1>Key Map</h1>	
<u>DATE</u> 5-22-23	
<u>SCALE</u> 1"=100'	
<u>JOB NUMBER</u> 2023-014	
<u>SHEET</u> 2 of 11	

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





This survey and map has been prepared in accordance with Sections 20-300b-1 thru 20-300b-20 of the Regulations of Connecticut State Agencies - "Minimum Standards for Surveys and Maps in the State of Connecticut" as endorsed by the Connecticut Association of Land Surveyors, Inc. It is a **Property Survey** based on a **Resurvey** conforming to Horizontal Class A-2.

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EASEMENT TABLE:

GRANTOR	GRANTEE	TYPE OF ESMT.	DATE FILED	VOL/PG
SITE	N/F McDONALD'S CORPORATION	DRAINAGE	EXISTING	436/385
729 JOHN FITCH BOULEVARD LLC	SITE	RIGHT OF WAY	EXISTING	69/20&22, 360/128
LEONARD TREGLIA	SITE	RIGHT OF WAY	EXISTING	69/20&22, 360/128
MASCOLO ROAD REALTY, LL	SITE	ACCESS & UTILITY	EXISTING	348/17
(SEE NOTE 5)				

Reference Maps:

- "Resubdivision of Lot 1 and Parcel A Property of Arne H. Dalene John Fitch Boulevard South Windsor, Connecticut Scale: 1"=40' Nov. 12, 1985 Rev. 1-30-86 Zone-General Commercial Total Area = 13.46 Acres' Class A-2 by Mervyn F. Strauss, L.S.
- "Improvement Location Survey-Record Mascolo Road Realty LLC 49 Mascolo Road South Windsor, Connecticut Prepared For: Mr. Keith Beaulieu Progressive Sheetmetal, LLC 36 Mascolo Road South Windsor, CT 06074 Scale: 1"=20' Date: 01-13-22" Class A-2 by Design Professionals, Lawrence R. Geissler, Jr. L.S.
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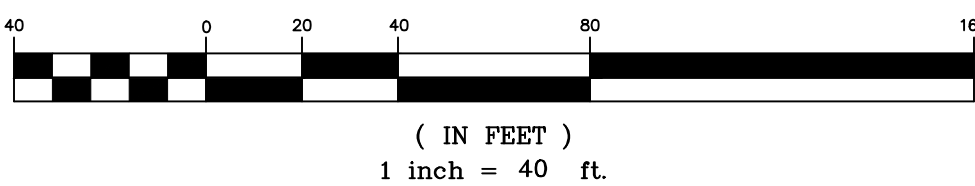
Notes:

- Portion of the parcel is located in inland wetlands as delineated by Matt Davison, Soil Scientist of Davidson Environmental.
- Parcel is not located in a flood hazard zone, Firm Insurance Rate Map Number 09003C0378F, Effective Date September 26, 2008..
- Horizontal datum based on N.A.D. 1983.
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LEGEND

EXISTING UTILITY HANDHOLE	EXISTING TREELINE
EXISTING UTILITY POLE	LIMIT OF WETLANDS
EXISTING LIGHT POLE	
EXISTING UNDERGROUND UTILITIES	
EXISTING CATCH BASIN	
EXISTING DRAINAGE MANHOLE	
EXISTING SANITARY MANHOLE	
EXISTING SANITARY SEWER	
EXISTING SIGN	
EXISTING IRON PIN (FOUND)	
EXISTING MONUMENT (FOUND)	

GRAPHIC SCALE



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J.R. Russo & Associates, LLC  
PO Box 988, 1 Shoham Rd East Windsor, CT 06088  
www.jrusso.com - CT 860.623.0569 - FAX 484.6158

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REVISIONS

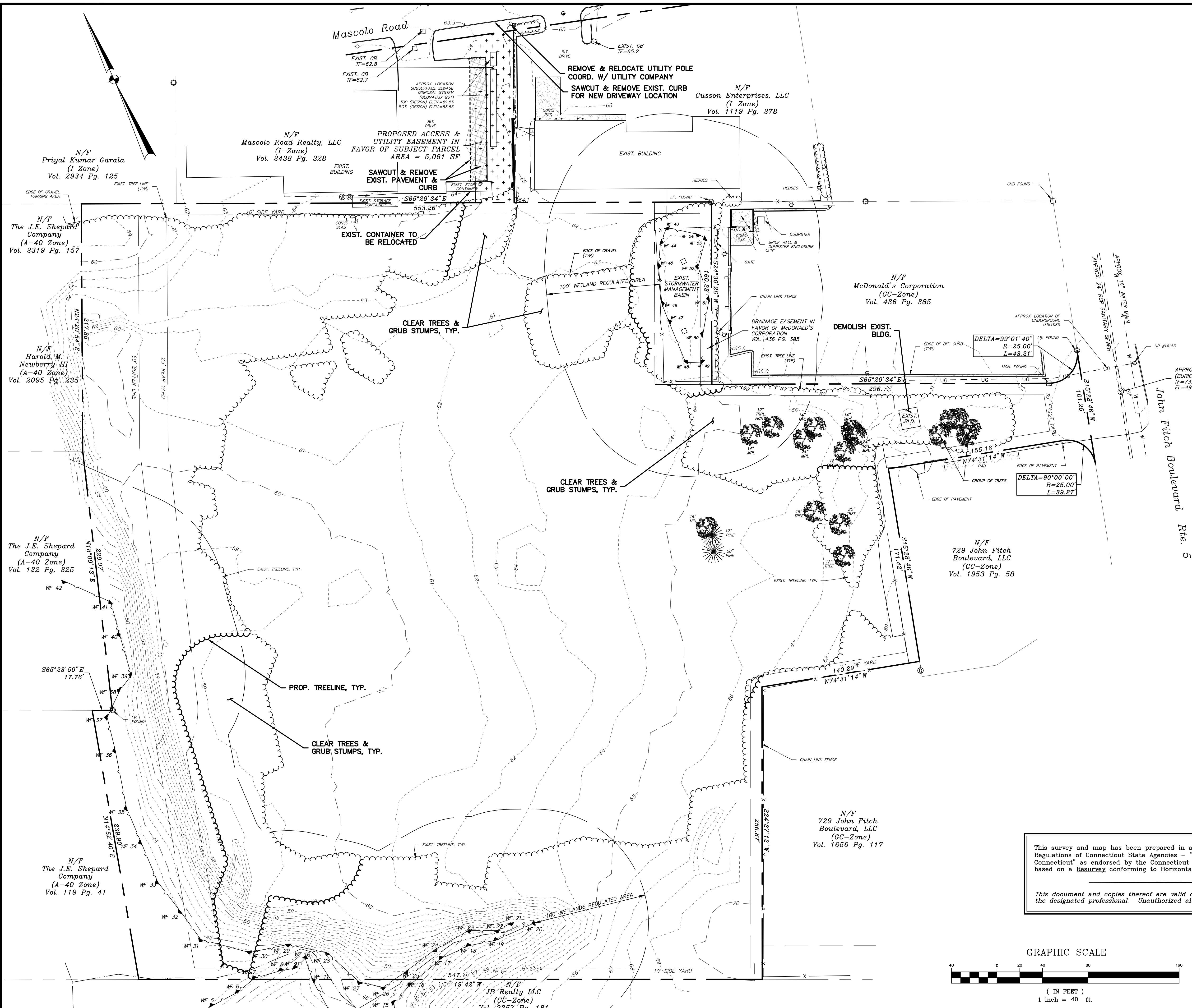
BY: LF/TAC CHK: JEU

Prepared For  
**Cusson Automotive, Inc.**  
753 John Fitch Boulevard  
South Windsor, Connecticut  
Map 46 Lot 33

Boundary Plan

DATE  
**5-2223**  
SCALE  
**1"=40'**  
JOB NUMBER  
**2023-014**  
SHEET  
**3 of 11**





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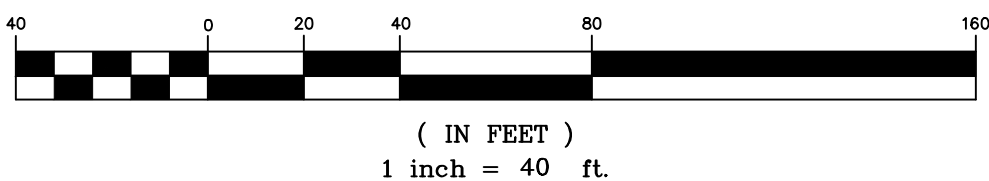
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SURVEYORS-ENGINEERS  
SERVING CT & MA



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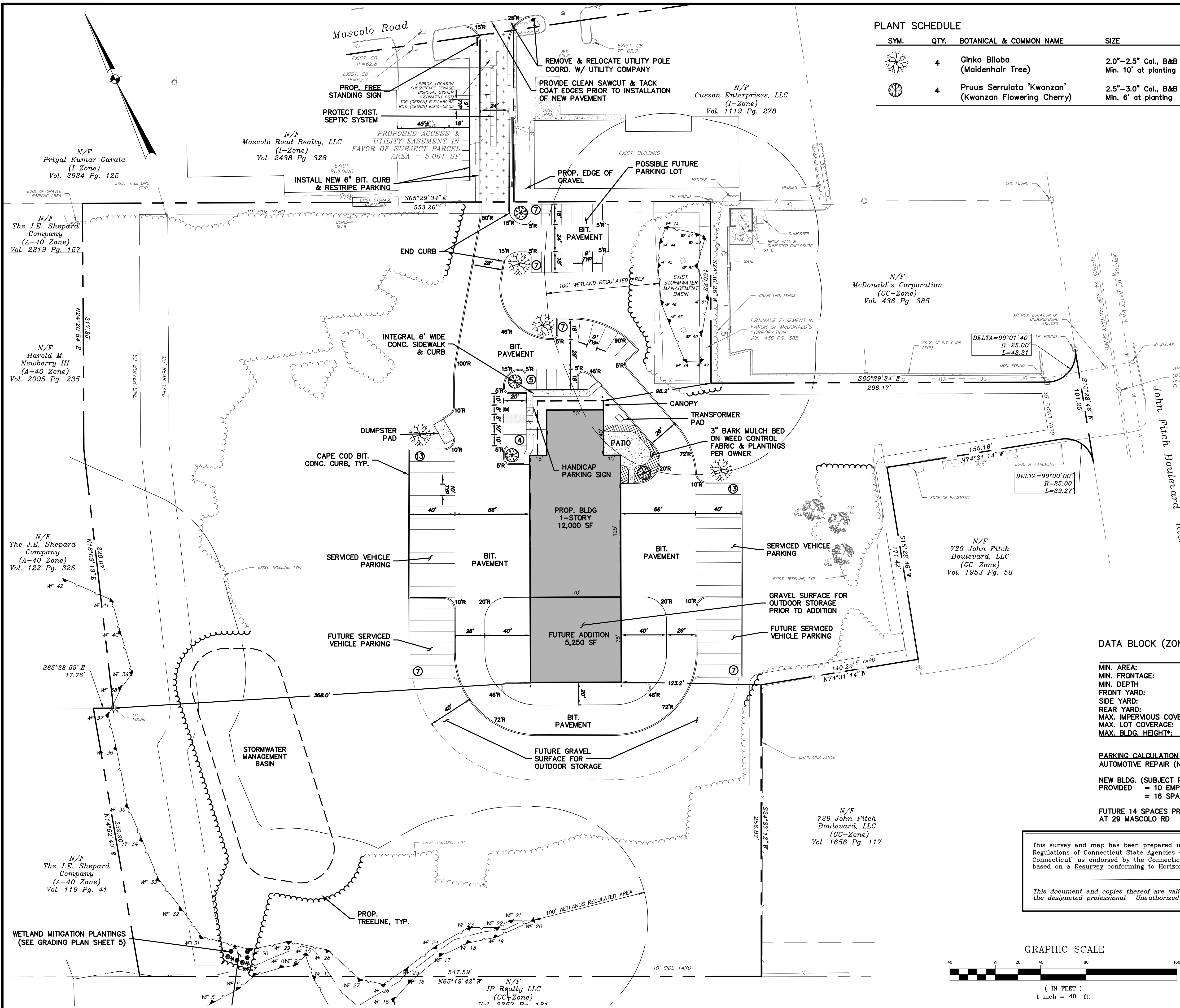
BY: LF/TAC CHK: JEU

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Map 46 Lot 33

Existing Conditions  
& Demolition Plan

DATE  
5-22-23  
SCALE  
1"=40'  
JOB NUMBER  
2023-014  
SHEET  
4 of 11





PLANT SCHEDULE

SYM.	QTY.	BOTANICAL & COMMON NAME	SIZE
	4	Ginkgo Biloba (Maidenhair Tree)	2.0"-2.5" Cal., B&B Min. 10' at planting
	4	Pruus Serrulata 'Kwanzan' (Kwanzan Flowering Cherry)	2.5"-3.0" Cal., B&B Min. 6' at planting

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DATA BLOCK (ZONE INDUSTRIAL)

	REQUIREMENT	PROPOSED
MIN. AREA:	30,000 S.F.	432,106 S.F.
MIN. FRONTAGE:	100'	101.25'
MIN. DEPTH	150'	881.5'±
FRONT YARD:	35'	410.2'±
SIDE YARD:	10'	98.2'±
REAR YARD:	25'	368.0'±
MAX. IMPERVIOUS COVERAGE:	65%	23.9%
MAX. LOT COVERAGE:	50%	4.2%
MAX. BLDG. HEIGHT*:	40' (2-STORY)	27'-4" (1-STORY)

PARKING CALCULATION

AUTOMOTIVE REPAIR (NOT LISTED):

NEW BLDG. (SUBJECT PARCEL) MAX. 10 EMPLOYEES  
PROVIDED = 10 EMPLOYEE SPACES + 6 VISITOR SPACES  
= 16 SPACES (INCLUDES 1 ADA SPACES)

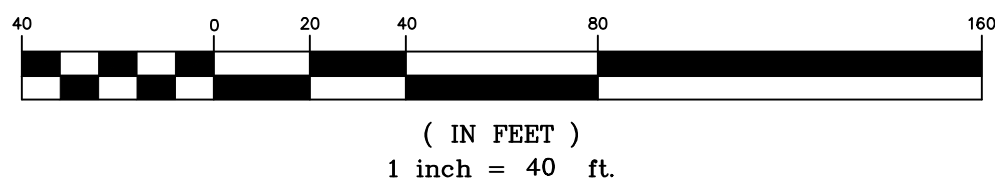
FUTURE 14 SPACES PROPOSED TO SUPPLEMENT PARKING  
AT 29 MASCOLO RD

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SURVEYORS-ENGINEERS  
SERVING CT & MA



*Applicant*  
**Cusson Enterprises LLC**  
29 Mascolo Road  
South Windsor, CT 06074  
(860) 289-2389

REVISIONS

BY: LF/TAC CHK: JEU

*Prepared For*  
**Cusson Automotive, Inc.**  
753 John Fitch Boulevard  
South Windsor, Connecticut  
Map 46 Lot 33

Layout & Landscape Plan

DATE

5-22-23

SCALE

1"=40'

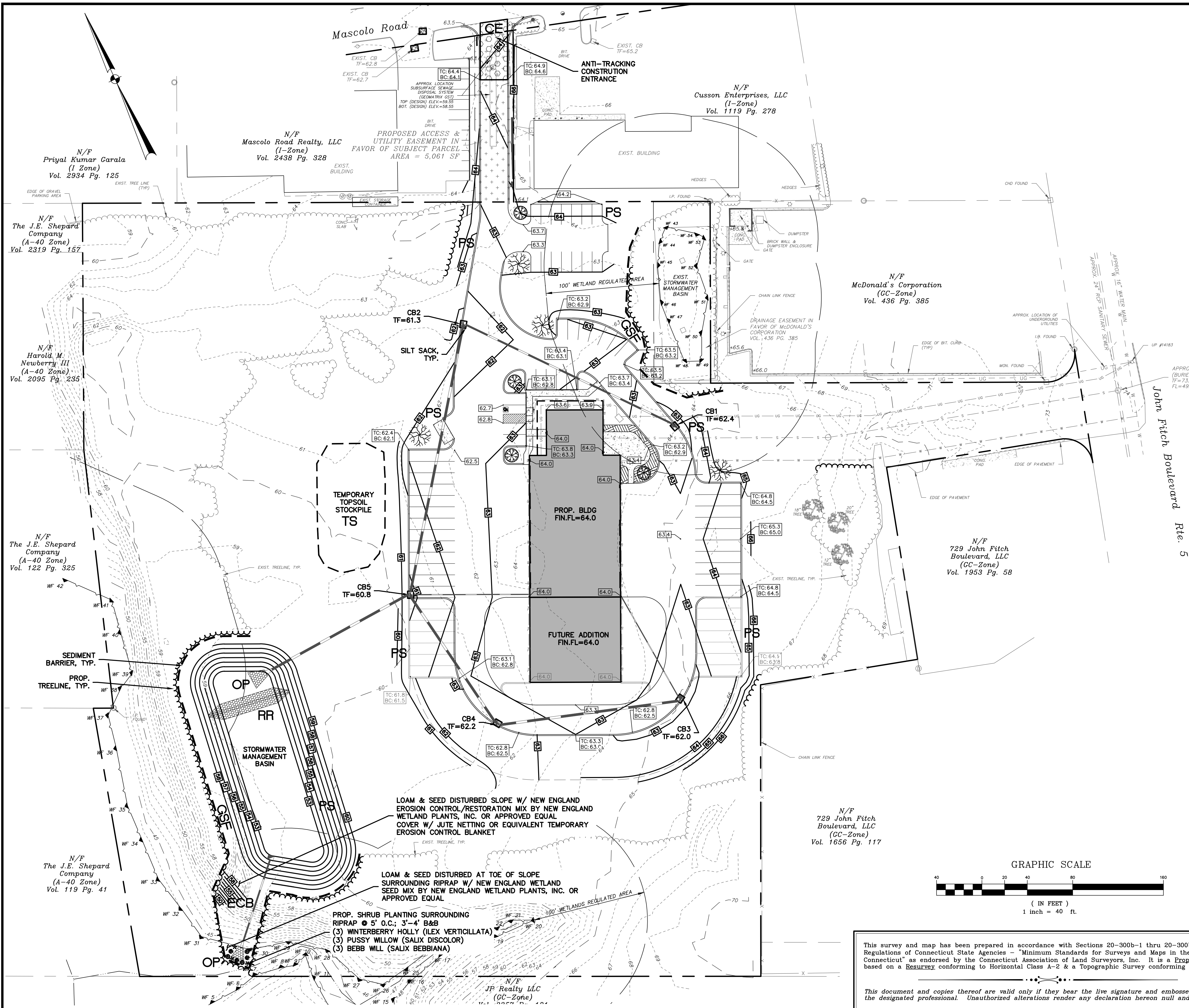
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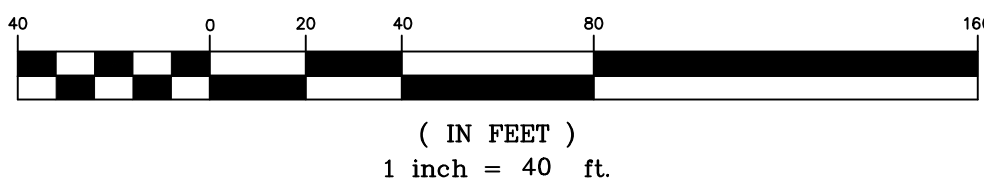
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EROSION & SEDIMENT CONTROL PLAN KEY

- PS PERMANENT SEEDING
- TS TEMPORARY SEEDING
- CE CONSTRUCTION ENTRANCE
- GSF GEOTEXTILE SILT FENCE
- RR RIPRAP
- OP OUTLET PROTECTION
- ECB EROSION CONTROL BLANKET

GRAPHIC SCALE



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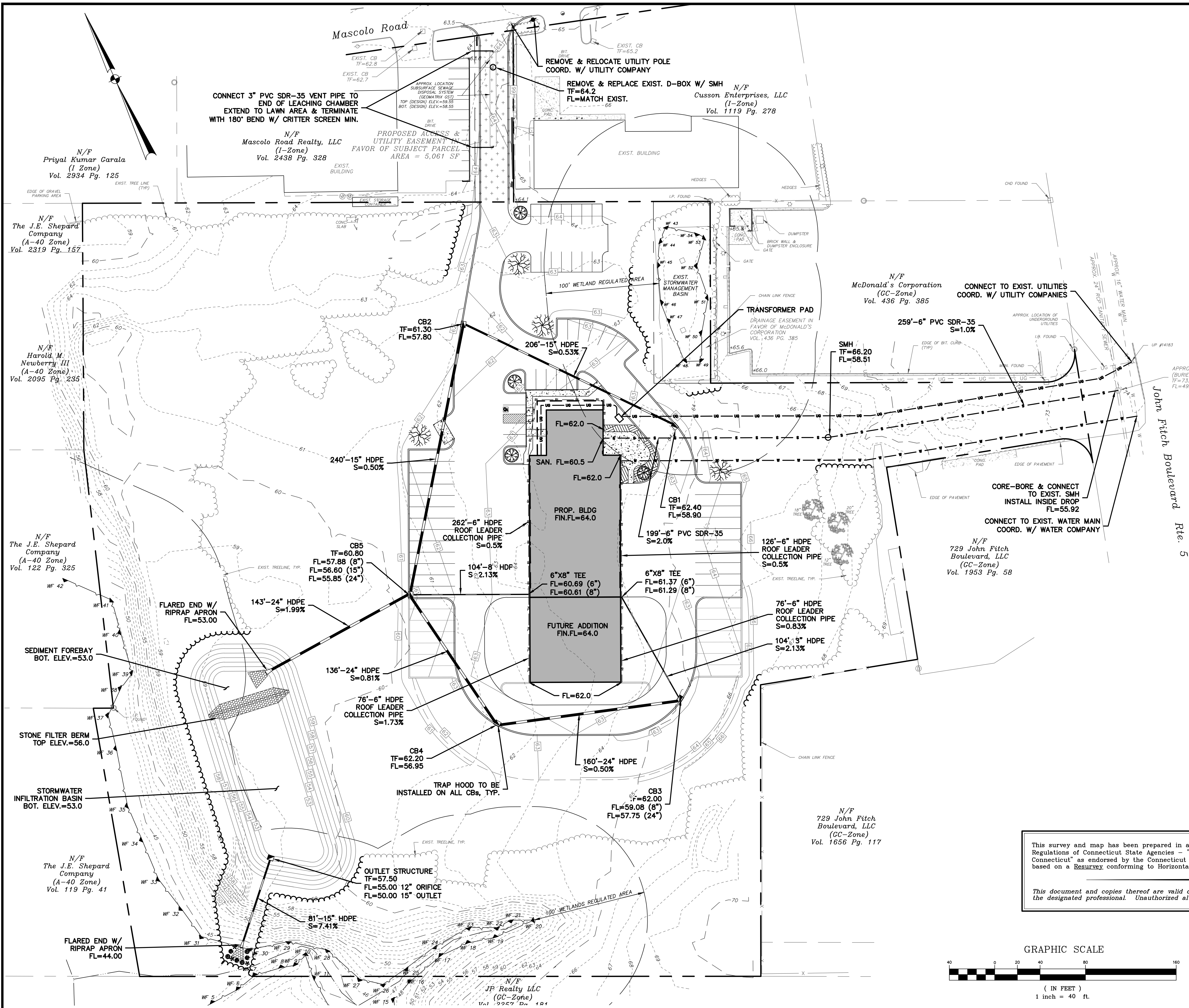
BY: LF/TAC CHK: JEU

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Grading & Erosion Control Plan

DATE  
5-22-23  
SCALE  
1"=40'  
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6 of 11





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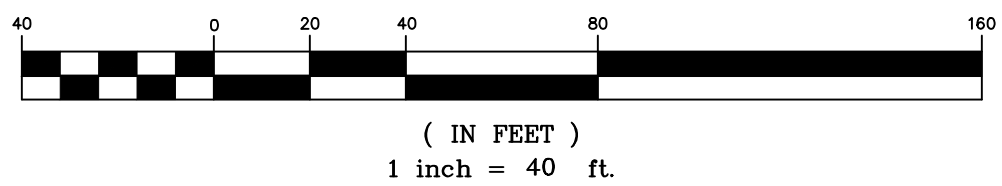
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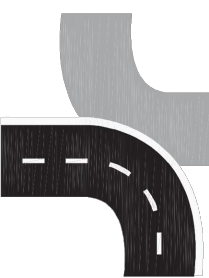
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BY: LF/TAC	CHK: JEU

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Utility Plan

DATE	5-22-23
SCALE	1"=40'
JOB NUMBER	2023-014
SHEET	7 of 11



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PERMANENT SEEDING (PS)

SPECIFICATIONS

Time Of Year

Seeding dates in Connecticut are normally April 1 through June 15 and August 15 through October 1. Spring seedings give the best results and spring seedings of all mixes with legumes is recommended. There are two exceptions to the above dates. The first exception is when seedings will be made in the areas of Connecticut known as the Coastal Slope and the Connecticut River Valley. The Coastal Slope includes the coastal towns of New London, Middlesex, New Haven, and Fairfield counties. In these areas, with the exception of crown vetch (when crown vetch is seeded in late summer, at least 35% of the seed should be hard seed (unscarified), the final fall seeding dates can be extended and additional 15 days. The second exception is frost crack or dormant seeding, the seed is applied during the time of year when no germination can be expected, normally November through February. Germination will take place when weather conditions improve, mulching is extremely important to protect the seed from wind and surface erosion and to provide erosion protection until the seeding becomes established.

Site Preparation

Grade in accordance with the Land Grading measure which is in the Connecticut Guidelines For Soil Erosion and Sediment Control latest edition.

Install all necessary surface water controls.

For areas to be mowed remove all surface stones 2 inches or larger. Remove all other debris such as wire, cable tree roots, pieces of concrete, clods, lumps, or other unsuitable material.

Seed Selection

Lawn Areas: Premium Seed Mix for Sun and Shade.  
Stormwater Basin & Slopes: New England Erosion Control/Restoration Mix by New England Wetland Plants, Inc. or approved equal.

Seedbed Preparation

Apply topsoil, if necessary, in accordance with the Topsoiling measure which is in the Connecticut Guidelines For Soil Erosion and Sediment Control latest edition.

Apply ground limestone and fertilizer according to soil test recommendations (such as those offered by the University of Connecticut Soil Testing Laboratory or other reliable source).

Where soil testing is not 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 limestone at 4 tons per acre or 200 pounds per 1,000 square feet.

Work lime and fertilizer into the soil to a depth of 3 to 4 inches with a disc or other suitable equipment.

Inspect seedbed just before seeding. If the soil is compacted, crusted or hardened, scarify the area prior to seeding.

Seed Application

Apply selected seed at rates per manufacturer's recommendations uniformly by hand, cyclone seeder, drill, cultipacker type seeder or hydroseeder (slurry including seed, fertilizer). Normal seeding depth is from 0.25 to 0.5 inch. Increase seeding rates by 10% when hydroseeding or frost crack seeding. Seed warm season grasses during the spring period only.

Mulching

See guidelines in the Mulch For Seed measures.

MAINTENANCE

Inspect temporary soil protection 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 during the first growing season.

Where seed has been moved or where soil erosion has occurred, determine the cause of the failure and repair as needed.

TEMPORARY SEEDING (TS)

SPECIFICATIONS

Site Preparation

Install needed erosion control measures such as diversions, grade stabilization structures, sedimentation basins and grassed waterways in accordance with the approved plan.

Grade according to plans and allow for the use of appropriate equipment for seedbed preparation, seeding, mulch application and mulch anchoring.

Seedbed Preparation

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.

Apply ground limestone and fertilizer according to soil test recommendations (such as those offered by the University of Connecticut Soil Testing Laboratory or other reliable source).

If soil testing is not 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.

Seeding

Apply seed uniformly by hand, cyclone seeder, drill, cultipacker type seeder or hydroseeder. The temporary seed shall be Ryegrass (grain) applied at a rate of 120 pounds per acre. Increase seeding rates by 10% when hydroseeding.

Mulching

See guidelines in the Mulch For Seed measures.

MAINTENANCE

Inspect temporary seeding 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 been moved or where soil erosion has occurred, determine the cause of the failure and repair as needed.

MULCH FOR SEED (MS)

SPECIFICATIONS

Materials

Types of Mulches within this specification include, but are not limited to:

1. **Hay:** The dried stems and leafy parts of plants cut and harvested, such as alfalfa, clovers, other forage legumes and the finer stemmed, leafy grasses. The average stem length should not be less than 4 inches. Hay that can be windblown should be anchored to hold it in place.

2. **Straw:** Cut and dried stems of herbaceous plants, such as wheat, barley, cereal rye, or brome. The average stem length should not be less than 4 inches. Straw that can be windblown should be anchored to hold it in place.

3. **Cellulose Fiber:** Fiber origin is either virgin wood, post-industrial/pre-consumer wood or post consumer wood complying with materials specification (collectively referred to as "wood fiber"), newspaper, kraft paper, cardboard (collectively referred to as "paper fiber") or a combination of wood and paper fiber. Paper fiber, in particular, shall not contain boron, which inhibits seed germination. The cellulose fiber must be manufactured in such a manner that after the addition to and agitation in slurry tanks with water, the fibers in the slurry become uniformly suspended to form a homogeneous product. Subsequent to hydraulic spraying on the ground, the mulch shall allow for the absorption and percolation of moisture and shall not form a tough crust such that it interferes with seed germination or growth. Generally applied with tackifier and fertilizer. Refer to manufacturer's specifications for application rates needed to attain 80%–95% coverage without interfering with seed germination or plant growth. Not recommended as a mulch for use when seeding occurs outside of the recommended seeding dates.

**Tackifiers** within this specification include, but are not limited to: Water soluble materials that cause mulch particles to adhere to one another, generally consisting of either a natural vegetable gum blended with gelling and hardening agents or a blend of hydrophilic polymers, resins, viscosifiers, sticking aids and gums. Good for areas intended to be mowed. Cellulose fiber mulch may be applied as a tackifier to other mulches, provided the application is sufficient to cause the other mulches to adhere to one another. **Emulsified asphalts are specifically prohibited for use as tackifiers due to their potential for causing water pollution following its application.**

**Nettings** within this specification include, but are not limited to: Prefabricated openwork fabrics made of cellulose cards, ropes, threads, or biodegradable synthetic material that is woven, knotted or molded in such a manner that it holds mulch in place until vegetation growth is sufficient to stabilize the soil. Generally used in areas where no mowing is planned.

Site Preparation

Grade according to plans and allow for the use of appropriate equipment for seedbed preparation, seeding, mulch application and mulch anchoring.

Application

**Timing:** Applied immediately following seeding. Some cellulose fiber may be applied with seed to assist in marking where seed has been sprayed, but expect to apply a second application of cellulose fiber to meet the requirements of **Mulch For Seed** in the Connecticut Guidelines For Soil Erosion and Sediment Control latest edition.

**Spreading:** Mulch material shall be spread uniformly by hand or machine resulting in 80%–95% coverage of the disturbed soil when seeding within the recommended seeding dates. Applications that are uneven can result in excessive mulch smothering the germinating seeds. For hay or straw anticipate an application rate of 2 tons per acre. For cellulose fiber follow manufacturer's recommended application rates to provide 80%–95% coverage.

When seeding outside the recommended seeding dates, increase mulch application rate to provide between 95%–100% coverage of the disturbed soil. For hay or straw anticipate an application rate to 2.5 to 3 tons per acre.

When spreading hay mulch by hand, divide the area to be mulched into approximately 1,000 square feet and place 1.5–2 bales of hay in each section to facilitate uniform distribution.

For cellulose fiber mulch, expect several spray passes to attain adequate coverage, to eliminate shadowing, and to avoid slippage.

**Anchoring:** Expect the need for mulch anchoring along the shoulders of actively traveled roads, hill tops and long open slopes not protected by wind breaks.

When using netting, the most critical aspect is to ensure that the netting maintains substantial contact with the underlying mulch and the mulch, in turn, maintains continuous contact with the soil surface. Without such contact, the material is useless and erosion can be expected to occur.

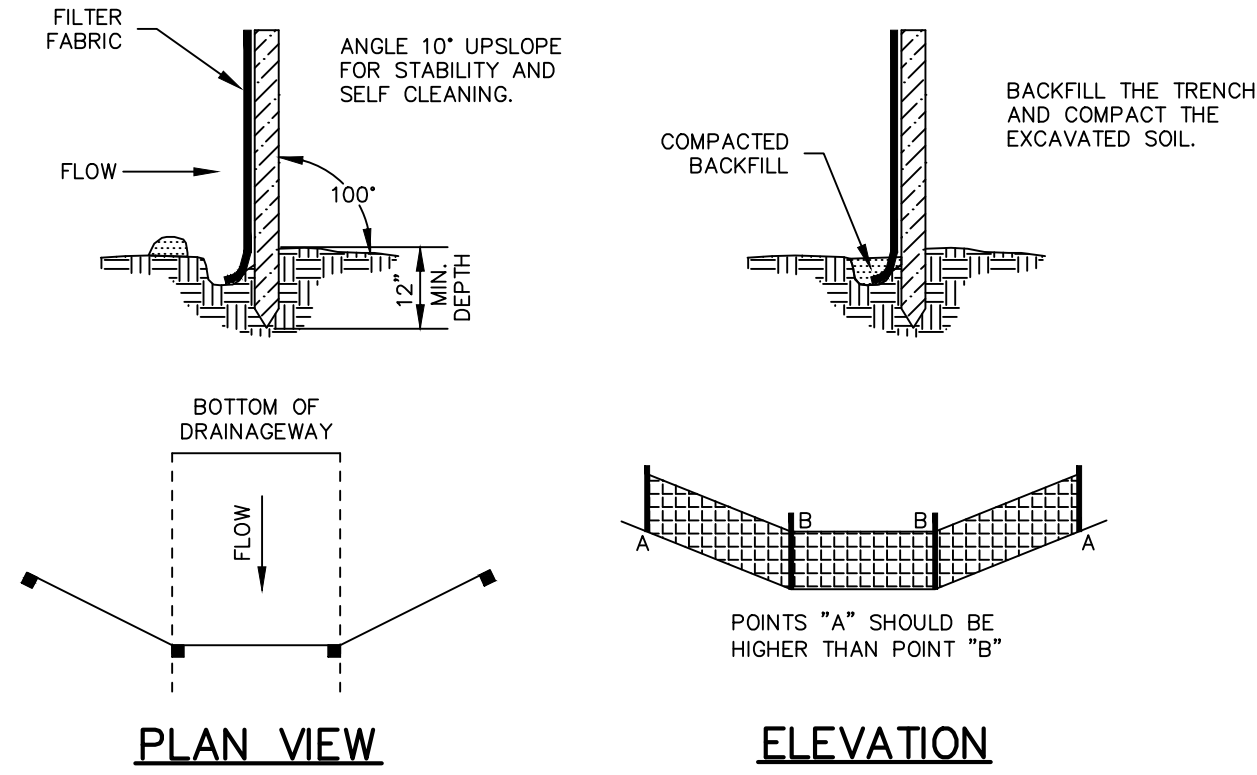
MAINTENANCE

Inspect mulch for seed 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 until the grass has germinated to determine maintenance needs.

Where mulch has been moved or where soil erosion has occurred, determine the cause of the failure and repair as needed.

SOIL EROSION & SEDIMENT CONTROL NOTES

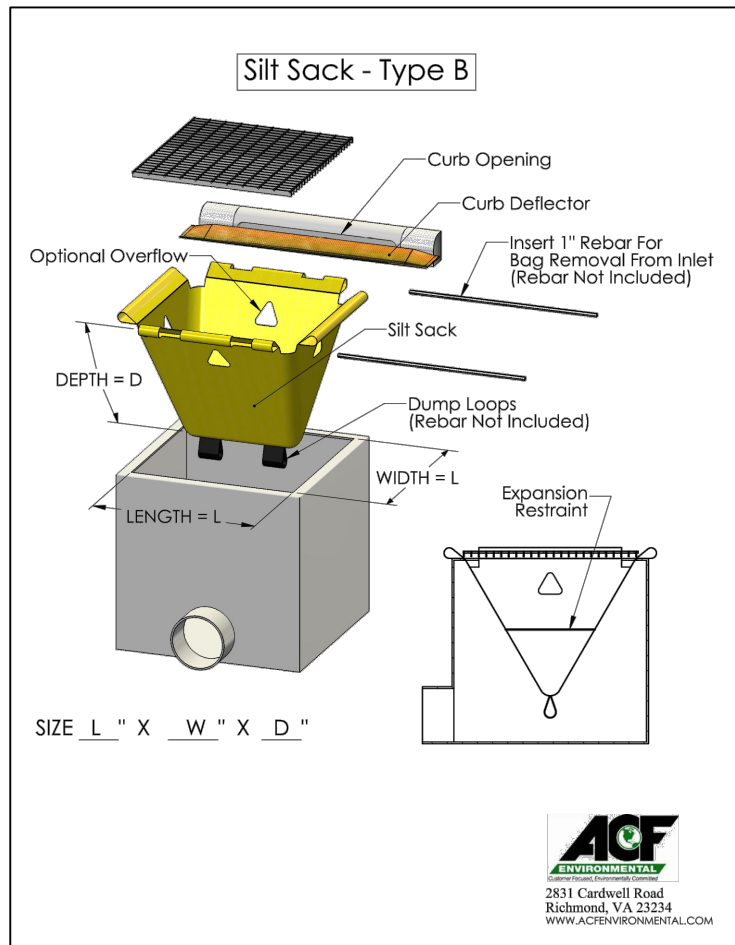
- The contractor/developer shall notify the Town Staff prior to construction in accordance with the local approvals and permits.
- All soil erosion and sediment control work shall be done in strict accordance with the Connecticut Guidelines For Soil Erosion and Sediment Control latest edition.
- Any additional erosion/sediment control deemed necessary by the engineer during construction, shall be installed by the developer. In addition, the developer shall be responsible for the repair/replacement and/or maintenance of all erosion control measures until all disturbed areas are stabilized to the satisfaction of the town staff.
- All soil erosion and sediment control operations shall be in place prior to any grading operations and installation of proposed structures or utilities and shall be left in place until construction is completed and/or area is stabilized.
- In all areas, removal of trees, bushes and other vegetation as well as disturbance of the soil is to be kept to an absolute minimum while allowing proper development of the site. During construction, expose as small an area of soil as possible for as short a time as possible.
- The developer shall practice effective dust control per the soil conservation service handbook during construction and until all areas are stabilized or surface treated. The developer shall be responsible for the cleaning of nearby streets of any debris from these construction activities.
- All fill areas shall be compacted sufficiently for their intended purpose and as required to reduce slipping, erosion or excess saturation. Fill intended to support buildings, structures, conduits, etc., shall be compacted in accordance with local requirements or codes.
- Topsoil is to be stripped and stockpiled in amounts necessary to complete finished grading of all exposed areas requiring topsoil. The stockpiled topsoil is to be located as designated on the plans. Topsoil shall not be placed while in a frozen or muddy condition, when the subgrade is excessively wet, or in a condition that may otherwise be detrimental to proper grading or proposed sodding or seedings.
- Any and all fill material is to be free of brush, rubbish, timber, logs vegetative matter and stumps in amounts that will be detrimental to constructing stable fills. Maximum side slopes of exposed surfaces of earth to be 3:1 or as otherwise specified by local authorities.
- Soil stabilization should be completed within 5 days of clearing or inactivity in construction.
- Waste Materials – All waste materials (including wastewater) shall be disposed of in accordance with local, state and federal law. Litter shall be picked up at the end of each work day.
- The Contractor shall maintain on-site additional erosion control materials as a contingency in the event of a failure or when required to shore up existing BMPs. At a minimum, the on-site contingency materials should include 30 feet of silt fence and 5 straw haybales with 10 stakes.



SOURCE: U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, STORRS, CONNECTICUT

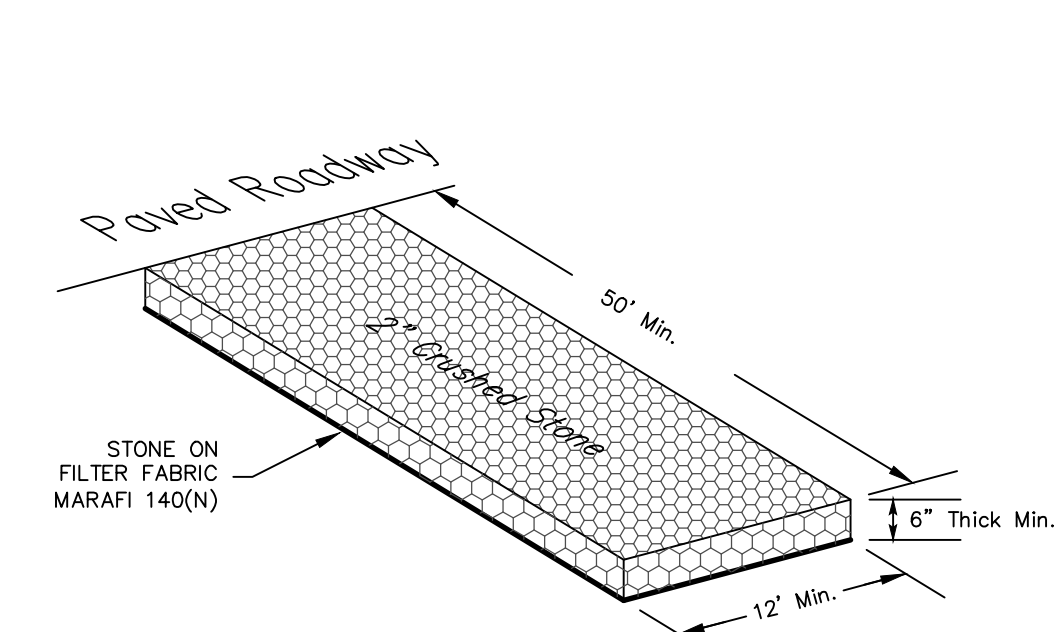
GEOTEXTILE SILT FENCE (GSF)

NOT TO SCALE



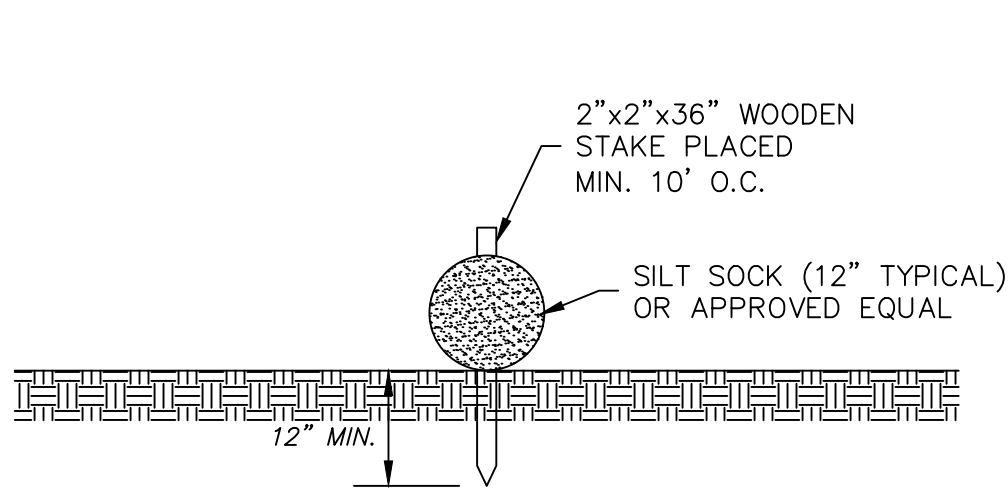
CB INLET PROTECTION (SILT SACK)

NOT TO SCALE



ANTI-TRACKING PAD DETAIL (CE)

NOT TO SCALE



NOTE: MAY BE USED AS ALTERNATIVE TO GEOTEXTILE SILT FENCE.

PERIMETER SEDIMENT BARRIER

NOT TO SCALE

CHECKLIST FOR EROSION CONTROL PLAN

PROJECT: Cusson Automotive  
LOCATION: 753 John Fitch Boulevard, South Windsor, CT  
PROJECT DESCRIPTION: Construction of an automotive repair facility  
PARCEL AREA: 9.92 acres  
RESPONSIBLE PERSONNEL: Jim Aldrich (860) 647-7544 ext. 101  
EROSION AND SEDIMENT CONTROL PLAN PREPARER: J.R. Russo & Associates, LLC

CHECKLIST:

Work Description Erosion & Sediment Control Measures	Location	Date Installed	Initials	Date Removed	Initials
Install construction entrance	As shown on plan.				
Install perimeter sediment barriers	As shown on plan.				
Install inlet protection at CBs	As installed				

MAINTENANCE OF MEASURES:

Location	Description or Number	Date	Initials

Project Dates:

Date of groundbreaking for project:

Date of final stabilization:

PROJECT NARRATIVE AND CONSTRUCTION SEQUENCE

This project is located at 753 John Fitch Boulevard in South Windsor, Connecticut. The proposed activity is the construction of a 12,000 square foot automobile repair facility with the potential for a 5,250 square foot addition to be constructed in the future. The suggested schedule of construction is as follows:

- Install construction anti-tracking pad (CE).
- Install sediment barriers (GSF) at project perimeters.
- Clear and grub trees and shrubs to be removed. All wood debris and stumps are to be disposed of off-site.
- Strip topsoil. Stockpile suitable amount of topsoil for reuse on-site in areas shown. Stockpiles shall be surrounded by sediment barriers (GSF).
- Rough grade area surrounding proposed building.
- Begin building construction.
- Construct stormwater management basin and install drainage. Seed basin as soon as practicable.
- Install other site utilities.
- Install gravel storage area, parking lot and driveway base.
- Install dumpster pad and sidewalks.
- Pave binder course.
- Stabilize disturbed areas to receive topsoil and permanently seed as soon as possible.
- Install landscaping.
- Install pavement top course in all areas. Sweep binder course and apply tack coat prior to placing pavement top course.
- Apply paint striping.
- Remove sediment barriers after site is fully stabilized.

Construction of this site is anticipated to begin in the fall of 2023 and be complete in the spring of 2024. Temporary erosion control measures shall be installed prior to any soil disturbance and maintained throughout construction until soils have been stabilized with permanent vegetation.

The Contractor shall keep the area of disturbance to a minimum and establish vegetative cover on exposed soils as soon as practical. All soil and erosion control measures shall be installed and maintained in accordance with these plans and the "Connecticut DEEP Guidelines for Soil Erosion and Sediment Control", as amended. The Contractor shall verify all conditions noted on the plans and shall immediately notify the Engineer of any discrepancies.

The developer shall be responsible for the repair/replacement/maintenance of all erosion control measures until all disturbed areas are stabilized. Accumulated sediment shall be removed as required to keep silt fence functional. In all cases, deposits shall be removed when the accumulated sediment has reached one-half above the ground height of the silt fence. This material is to be spread and stabilized in areas not subject to erosion, or to be used in areas which are not to be paved or built on. Silt fence (GSF) is to be replaced as necessary to maintain proper filtering action. Silt fence (GSF) are to remain in place and shall be maintained to insure efficient sediment capture until all areas above the erosion checks are stabilized and vegetation has been established.

POST CONSTRUCTION MAINTENANCE NOTES:

The property owner shall be responsible for performing the following post construction maintenance schedule:

- Maintain lawn & landscape areas with minimal pesticides.
- Sweep parking lot and paved areas at least once per year in the spring.
- Inspect catch basins and storm manholes at least twice per year, including after sweeping. Clean at least once per year in April and as necessary to prevent the discharge of pollutants from structures. Remove accumulated oil, trash and excessive sediment with vac-truck. Check condition of hoods (if applicable).
- Inspect infiltration basins annually for evidence of hydrocarbons and remove by vac-truck. Repair eroded areas and replace riprap and vegetation as required. Dredge bottom of forebay to remove accumulated sediment every 10 years or when significant volume reduction is observed. Mow infiltration basin on a regular basis to maintain as lawn area for filtering of pollutants. Inspect inlet pipes monthly and remove trash and debris as needed.



J.R. Russo & Associates, LLC  
PO Box 938, 150ham Rd East Windsor, CT 06088  
www.jrusso.com • CT 860.623.0969 • MA 437.851158

Applicant  
Cusson Enterprises LLC  
29 Mascolo Road  
South Windsor, CT 06074  
(860) 289-2399

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REVISIONS

BY: LF/TAC CHK: JEU

Prepared For  
Cusson Automotive, Inc.  
753 John Fitch Boulevard  
South Windsor, Connecticut  
Map 46 Lot 33

Erosion & Sediment Control Notes

DATE

5-29-23

SCALE

AS SHOWN

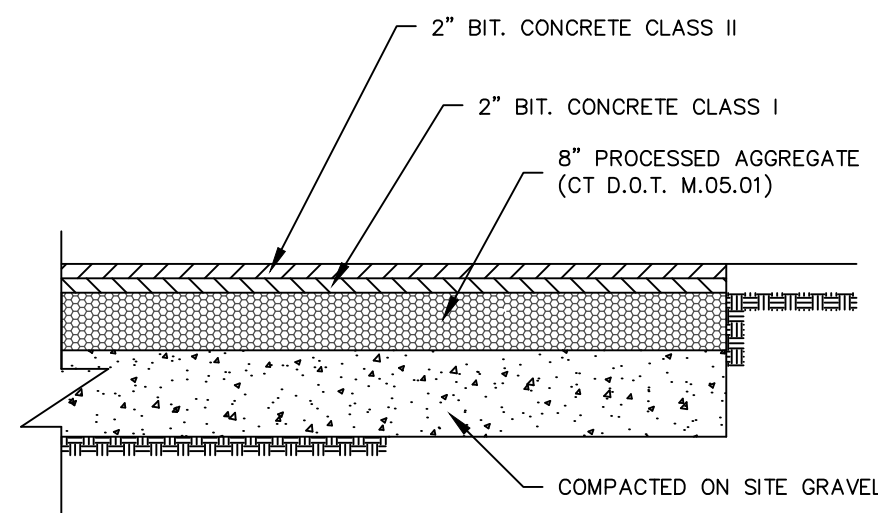
JOB NUMBER

2023-014

SHEET

8 of 11

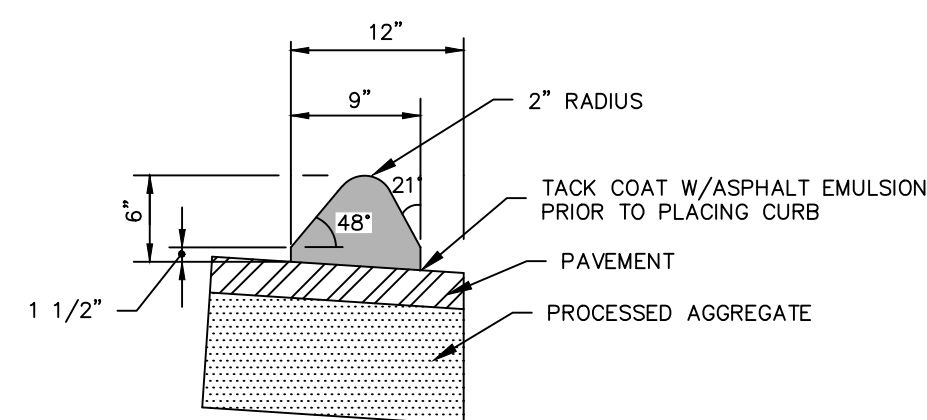




NOTE: WHERE SUBGRADES ARE ON WET SILT OR CLAY, CONTRACTOR TO INSTALL ADDITIONAL 12" OF  $\frac{3}{4}$ " CRUSHED STONE ON TENSAR TRIAX GEOGRID BELOW GRAVEL SUBBASE.

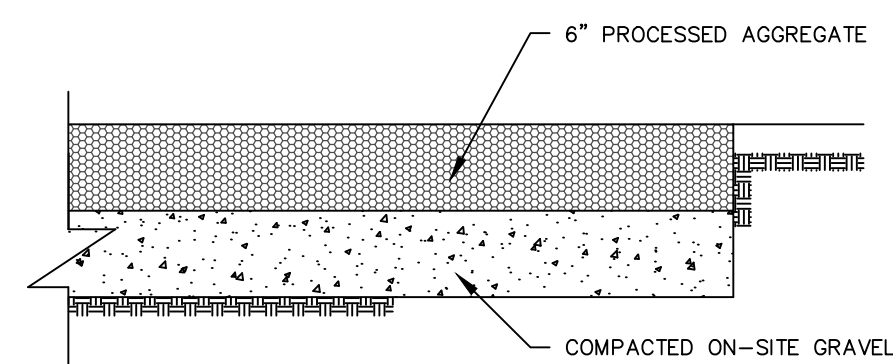
## PAVEMENT DETAIL

NOT TO SCALE



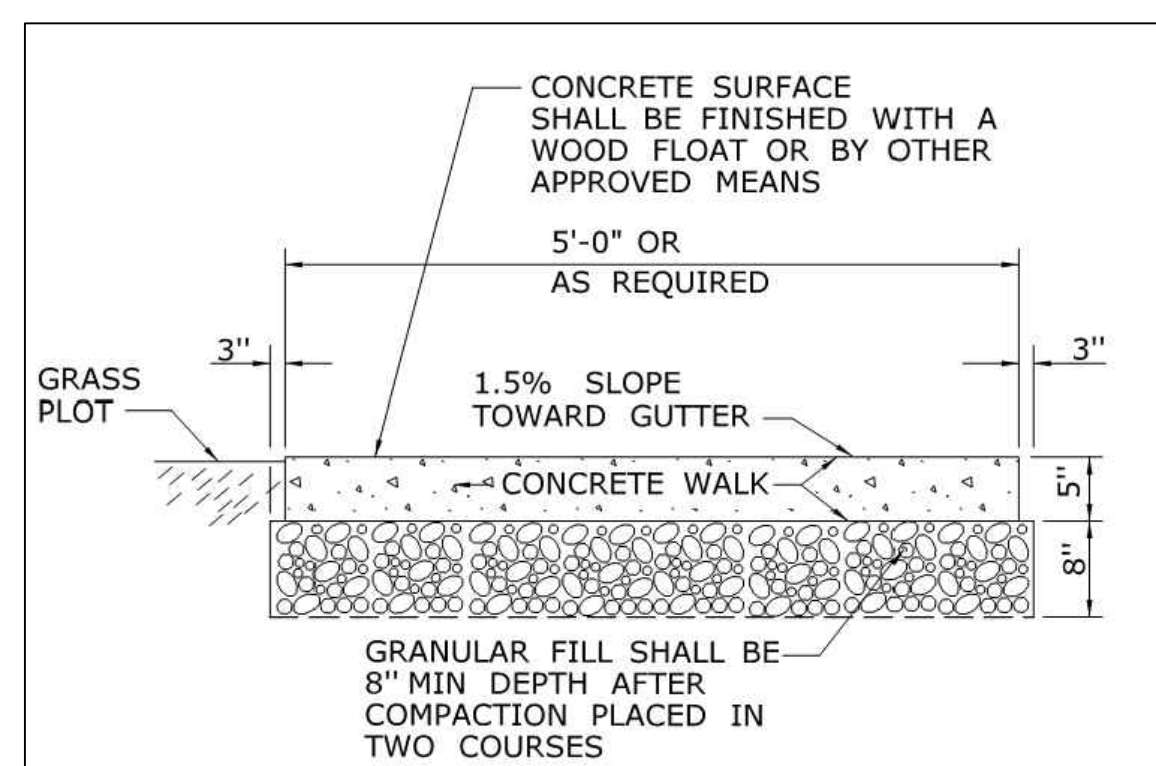
## BITUMINOUS CONCRETE LIP CURBING

NOT TO SCALE



GRAVEL SURFACE DETAIL

NOT TO SCALE

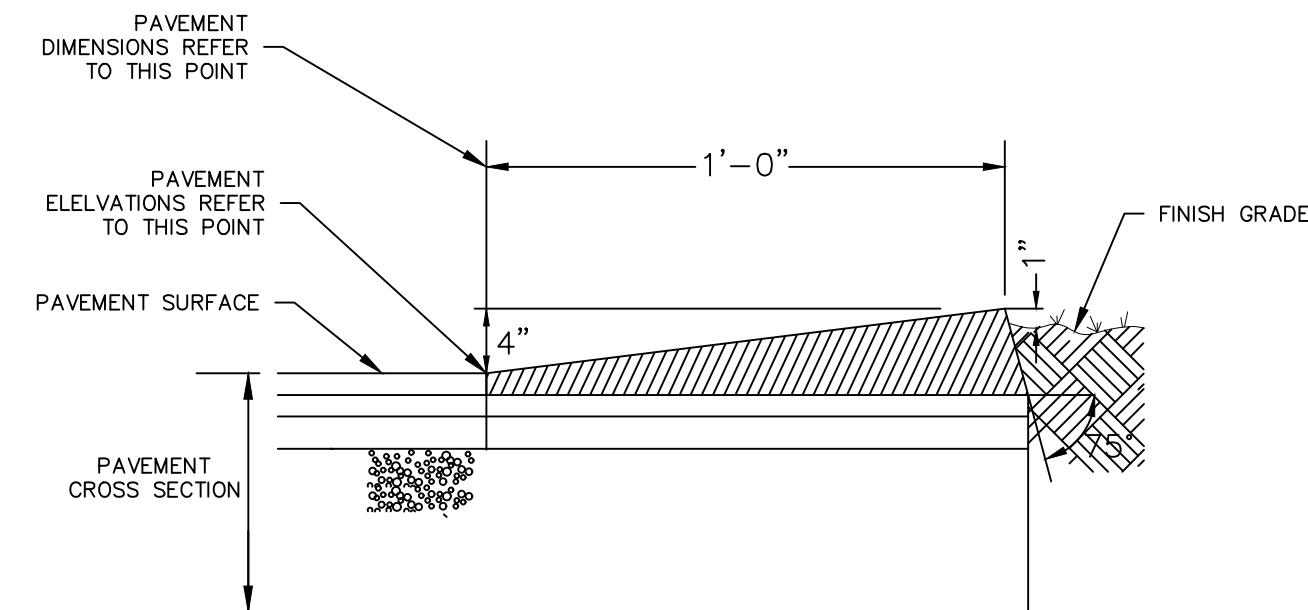


NOTES:

1. EXPANSION JOINTS TO BE PLACED AT MAXIMUM 20' SPACING AND BETWEEN ADJACENT SLABS, AT BUILDING LINE, AT CURBS, OR AT PENETRATING STRUCTURES. USE 1/2" PREFORMED EXPANSION JOINT M.03.01-5, SET 1/4" BELOW SURFACE AND SEAL GAP WITH ELASTOMERIC POLYURETHANE JOINT SEALER
2. TRANSVERSE FALSE JOINTS AT MAX. 5' INTERVALS. NO LONGITUDINAL JOINTS.
3. CONCRETE SHALL MEET CTDOT CLASS "F" STANDARDS.
4. SIDEWALK TO RECEIVE BROOM FINISH TO MATCH EXISTING.

*TYPICAL SIDEWALK DETAIL*

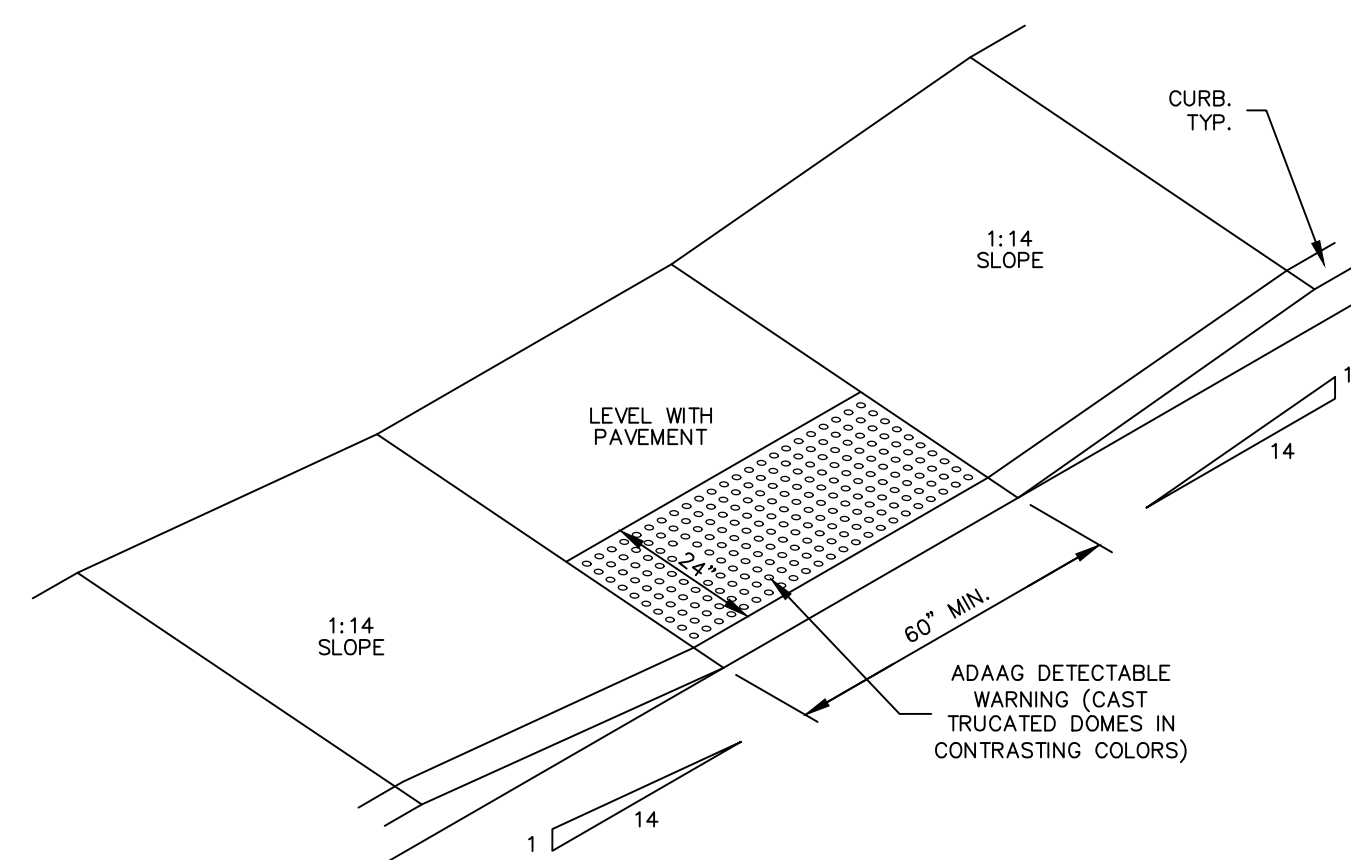
NOT TO SCALE



NOTE: TO BE USED ALONG ACCESS DRIVE TO  
MAINTENANCE BUILDING WITHIN ELECTRICAL EASEMENT.

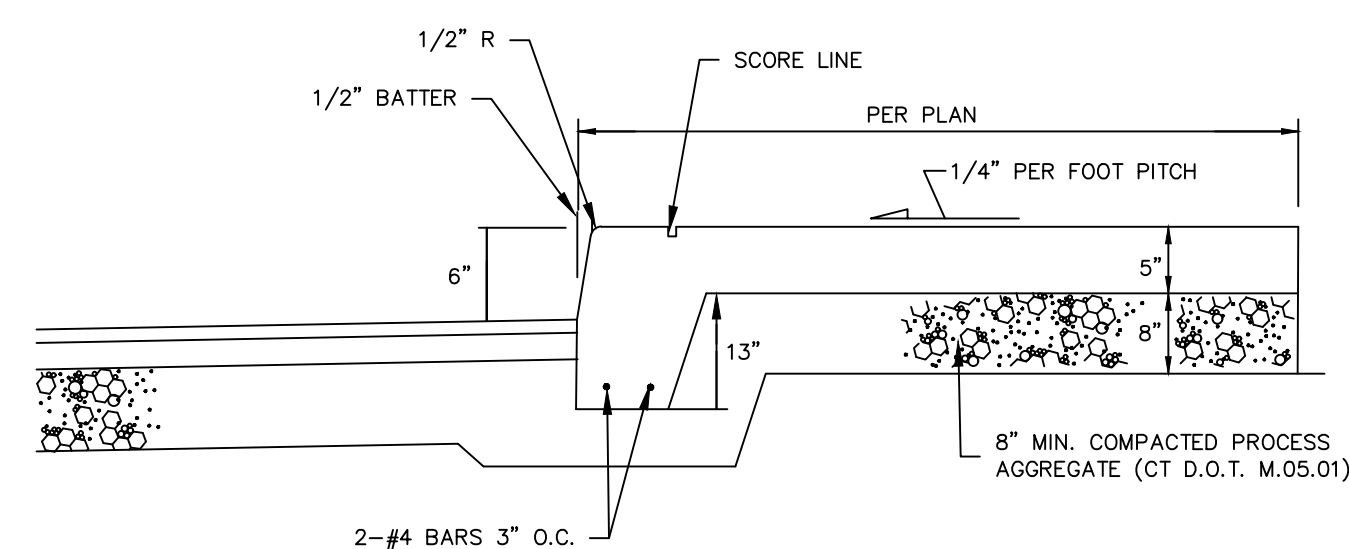
CAPE-COD STYLE CURB

NOT TO SCALE



*SIDEWALK RAMP TYPE B*

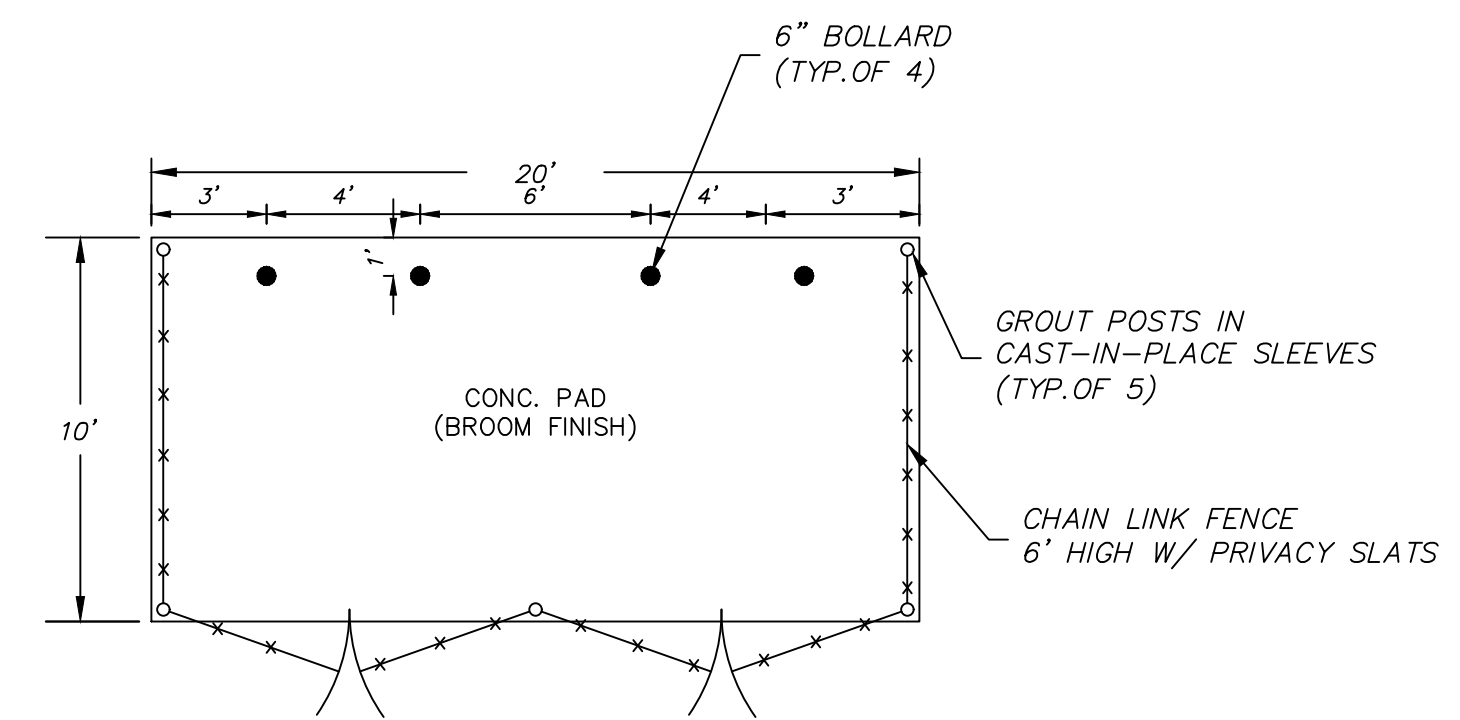
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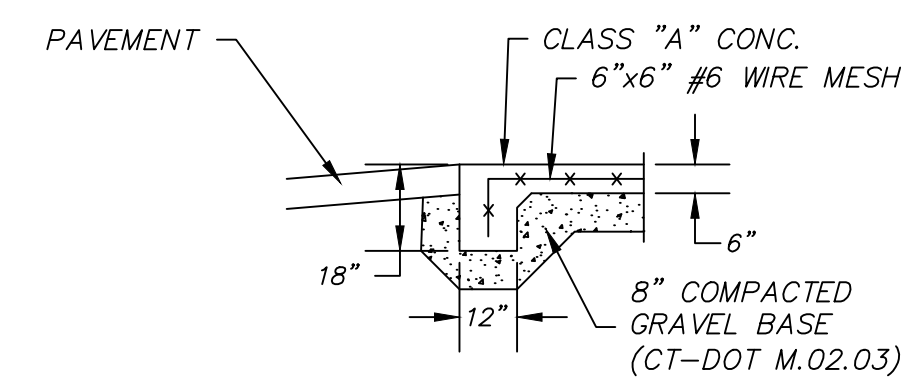
NOTE: FINISH PER TYPICAL SIDEWALK DETAIL

### INTEGRAL SIDEWALK & CURB DETAIL

NOT TO SCALE



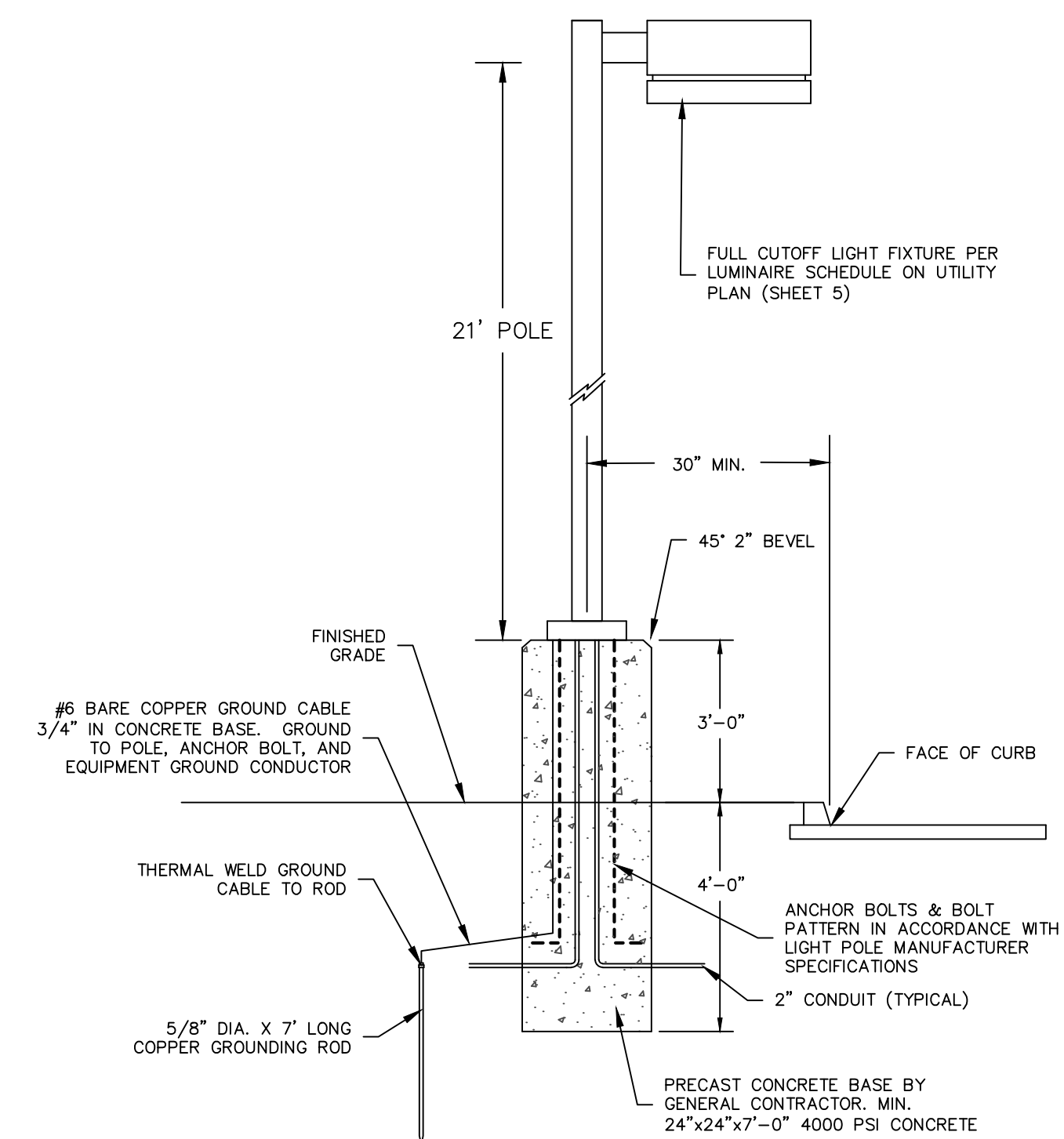
PLAN



SECTION A-A

CONC. DUMPSTER PAD DETAIL

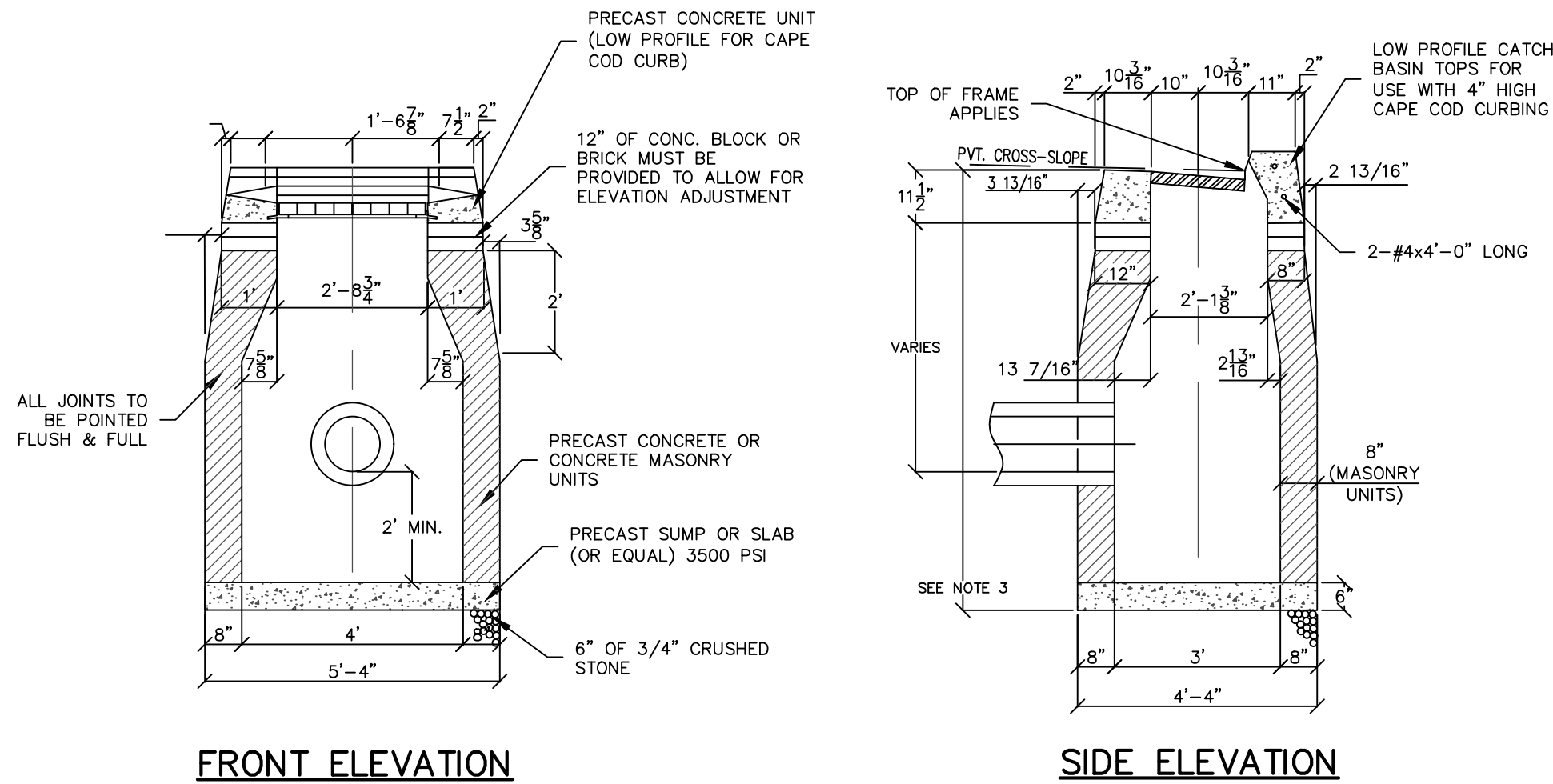
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*POLE MOUNTED EXTERIOR LIGHT*

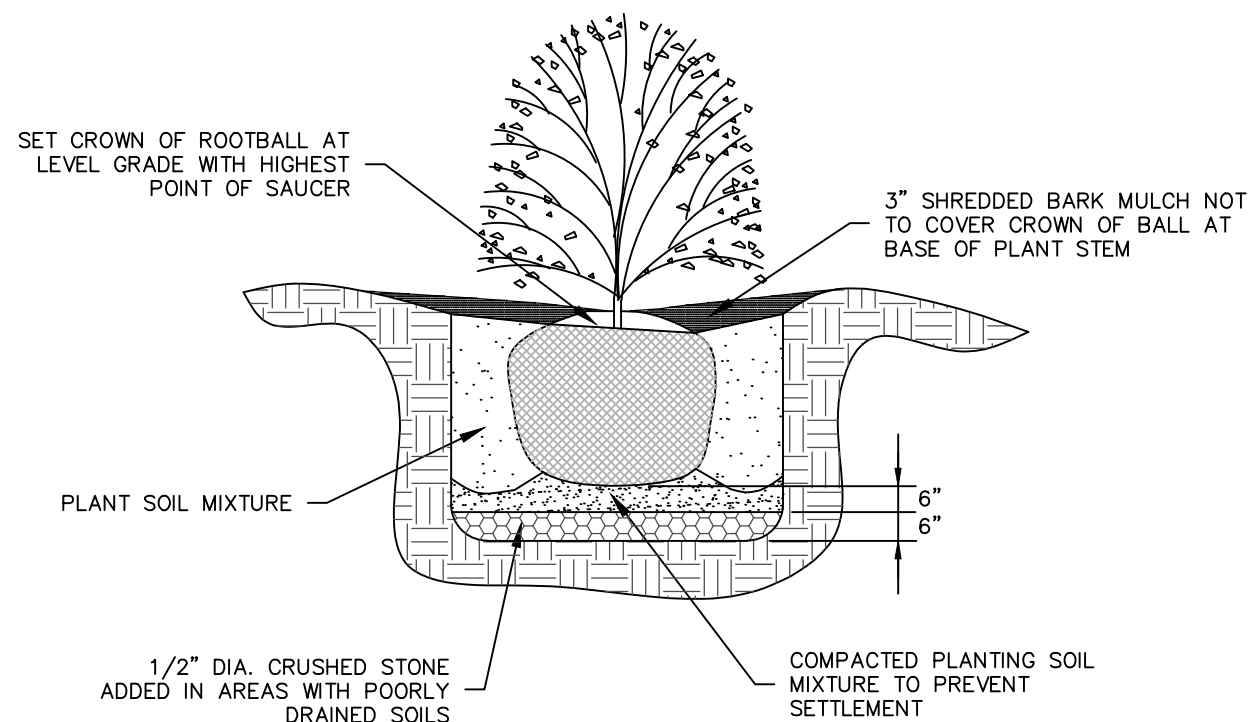
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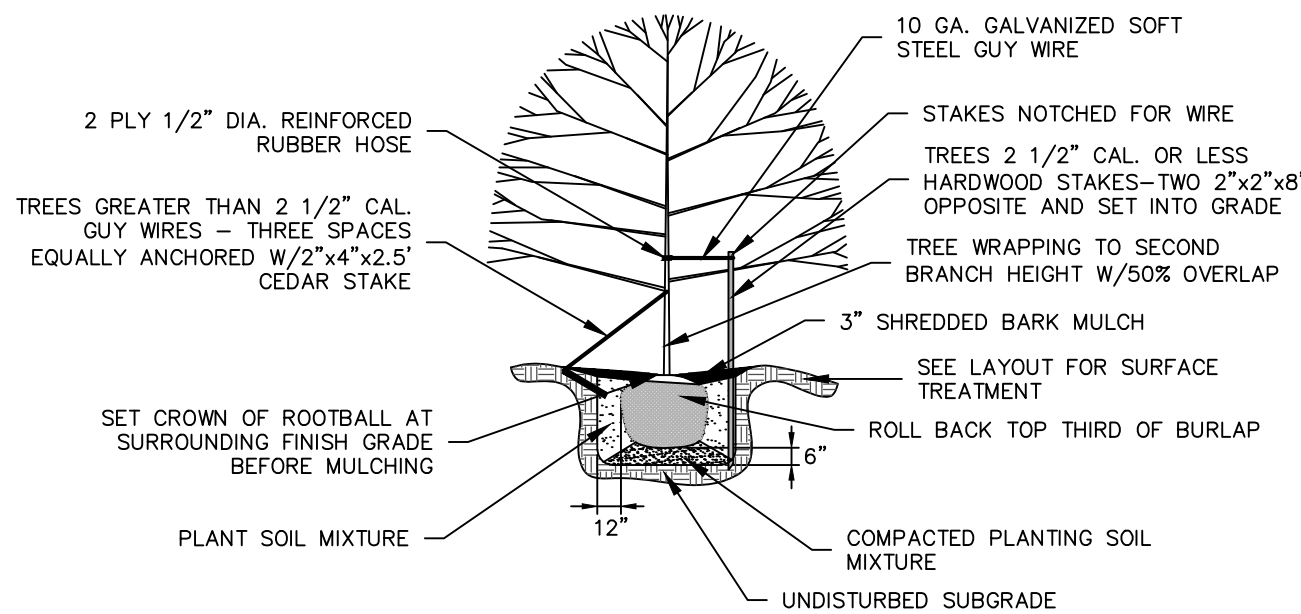


NOTES:  
1. MINIMUM COVER OVER TOP OF PIPE SHALL BE 2'-0".  
2. WALL THICKNESS SHALL BE SUFFICIENT TO MEET HS 20 LOADING.  
3. WALL THICKNESS FOR STRUCTURES OVER 10' HIGH IS 12" FOR CONCRETE BLOCK UNITS, INSIDE DIMENSIONS REMAIN THE SAME.  
4. ALL PIPES SHALL BE CUT FLUSH WITH INSIDE WALLS.  
5. ALL BRICKS SHALL BE CONCRETE.

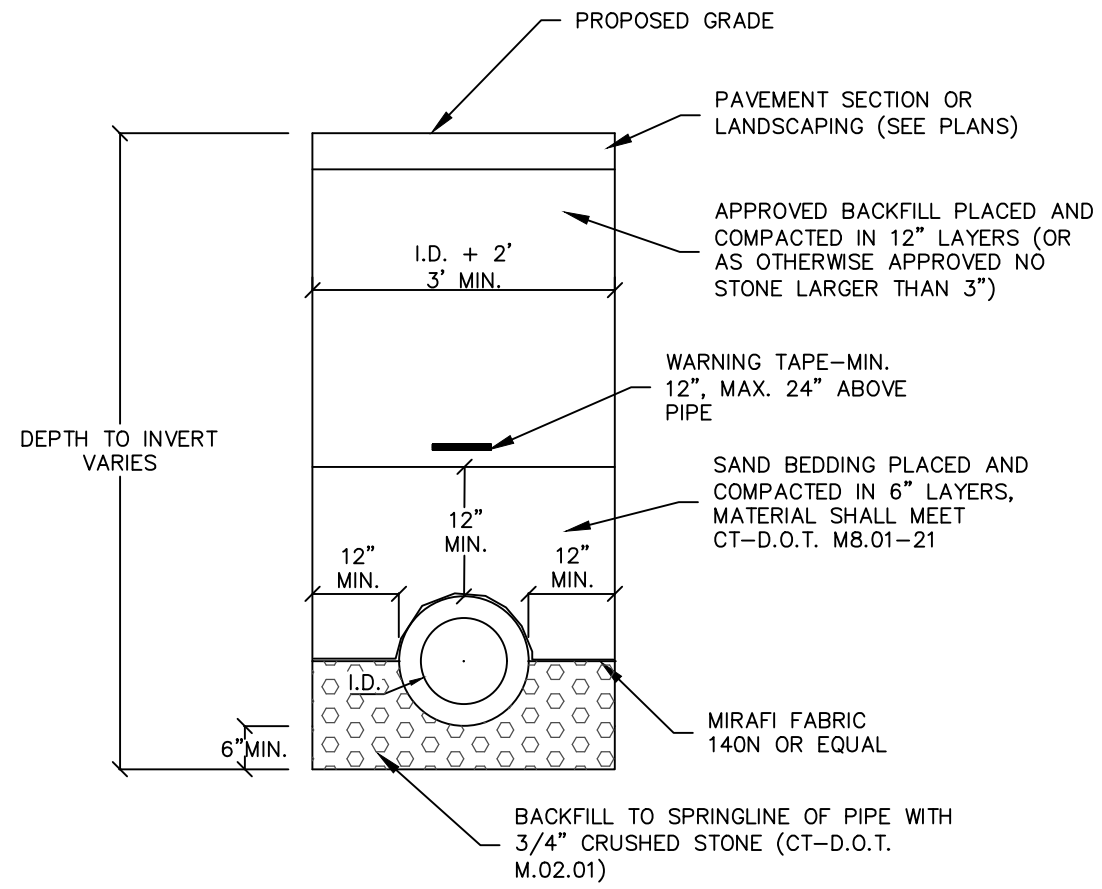
**TYPE "C" CATCH BASIN**  
NOT TO SCALE



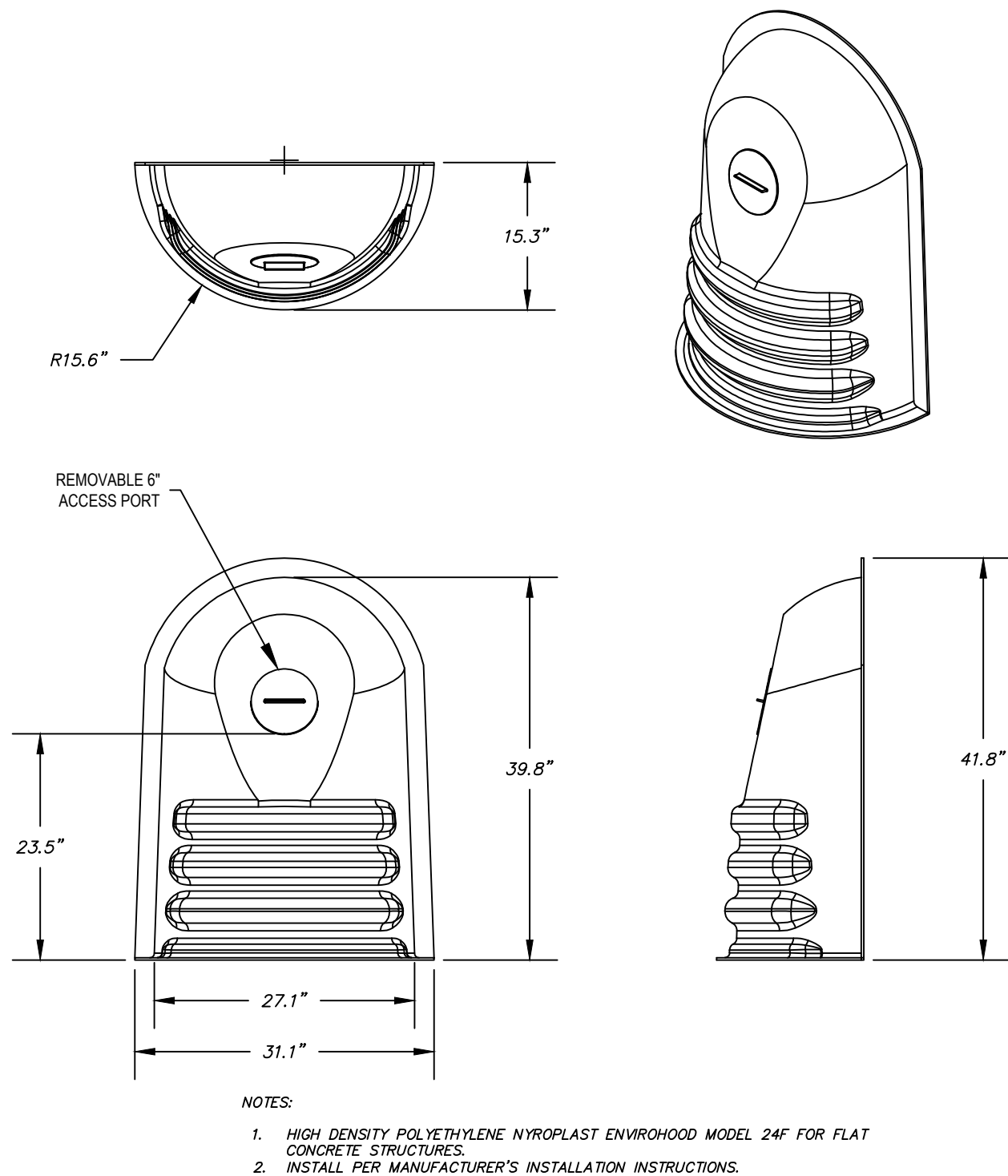
**SHRUB PLANTING**  
NOT TO SCALE



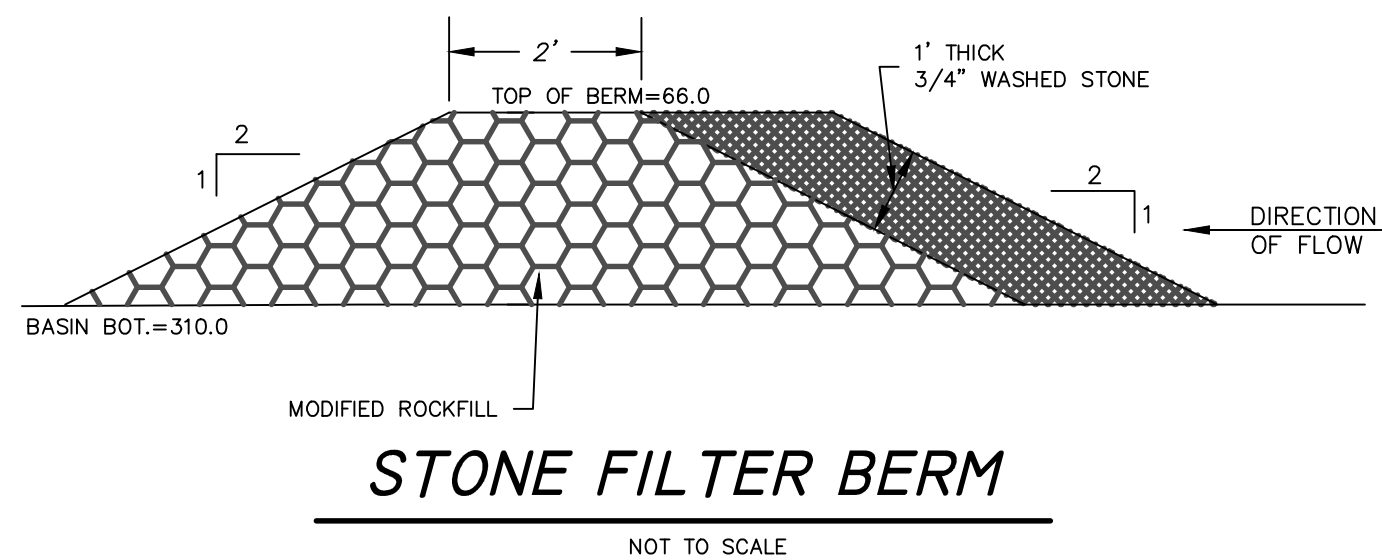
**TREE PLANTING**  
NOT TO SCALE



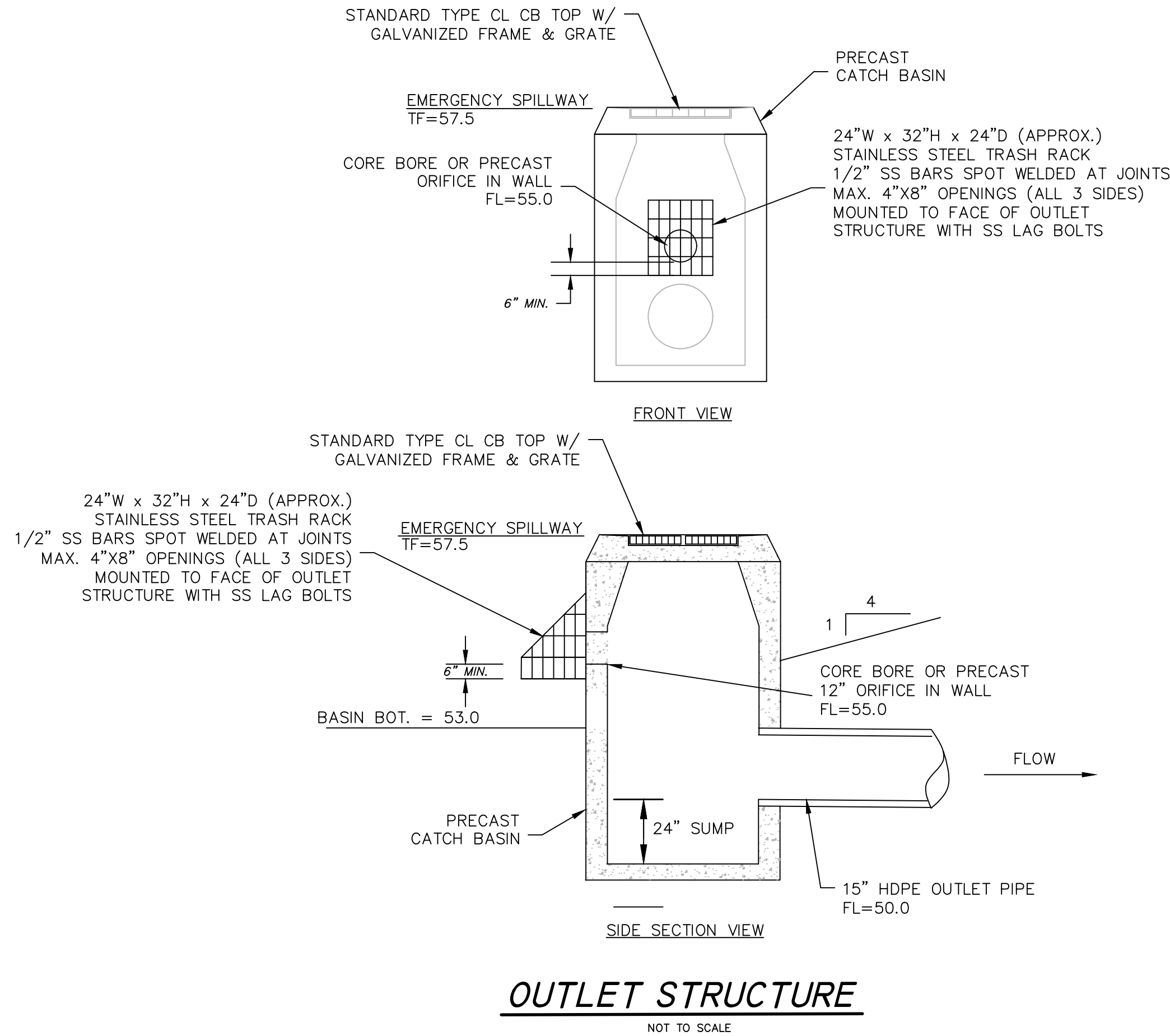
**HDPE STORM DRAIN DETAIL**  
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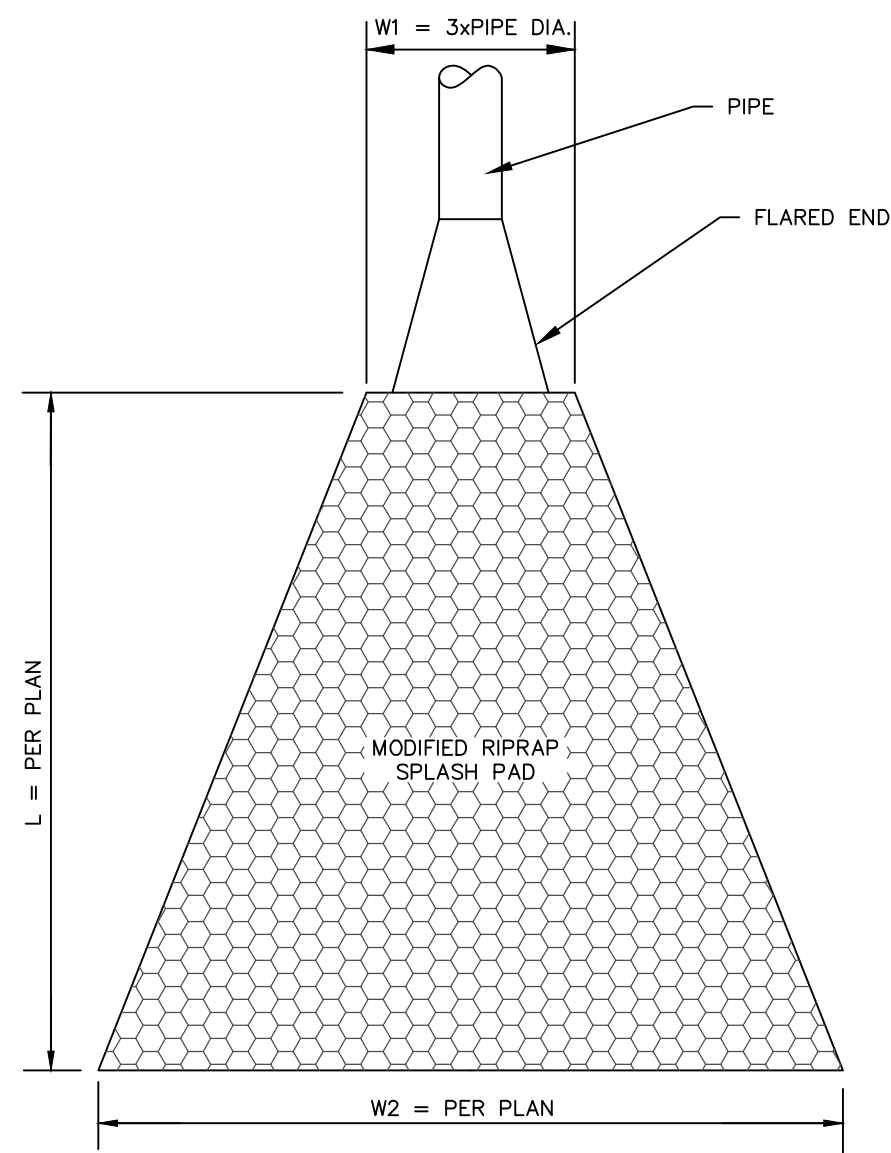
**NYROPLAST ENVIROHOOD DETAIL**  
NOT TO SCALE



**STONE FILTER BERM**  
NOT TO SCALE



**OUTLET STRUCTURE**  
NOT TO SCALE



**TYPE A RIPRAP APRON (OP)**  
N.T.S.



