

SOIL EROSION AND SEDIMENT CONTROL PLAN NARRATIVE

THE SITE CONTRACTOR MUST FOLLOW ALL GUIDELINES SET FORTH IN THE MANUAL ENTITLED "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" PUBLISHED BY THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION IN COOPERATION WITH THE CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION. THIS MANUAL IS ALSO KNOWN AS DEP BULLETIN 34. IN ADDITION THE SITE CONTRACTOR MUST FOLLOW THE TOWN'S ZONING AND SUBDIVISION REGULATIONS, TOWN EMERGENCY STANDARDS AND SPECIFICATIONS, CTDOT FORM 816 WHERE APPLICABLE.

WETLANDS DELINEATED BY
DAVID LORD, SOIL SCIENTIST *David Lord*
DATE: 12/05/2022

Gregg T. Fedus P.E.
CT. License No. 2123



Soil & Erosion Control Plan
of
2040 New London Turnpike
(AKA CT RT 32)
Uncasville, Connecticut
Prepared For:
AMER CHOUDREY
February 7, 2023

F **FEDUS ENGINEERING, LLC**
CIVIL ENGINEERS
Mailing Address: 70 Essex Street Mystic, Connecticut 06355
Office: (860) 536-7390 Fax: (860) 536-1644

SHEET NO.	5 OF 8	JOB NO.	21-001048	DRAWN BY:	DC
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Lumark
Axcent
Wall Mount Luminaire

Product Features

- Interactive Menu
- Ordering Information
- Mounting Details
- Product Specifications
- Energy and Performance Data
- Control Options

Quick Facts

- Available in 14W-123W (1,800-17,000 lumens) models
- Full cutoff and refractive lens models available
- Energy and maintenance savings up to 95% compared to HID
- Energy efficient illumination results in up to 144 LPW
- Replaces 70W up to 450W HID equivalents

Dimensional Details

Permitted Data

Model	AC/DC Input	AC/DC Output
A	100-277V	100-277V
B	100-277V	100-277V
C	100-277V	100-277V
D	100-277V	100-277V

COOPER
Lighting Solutions

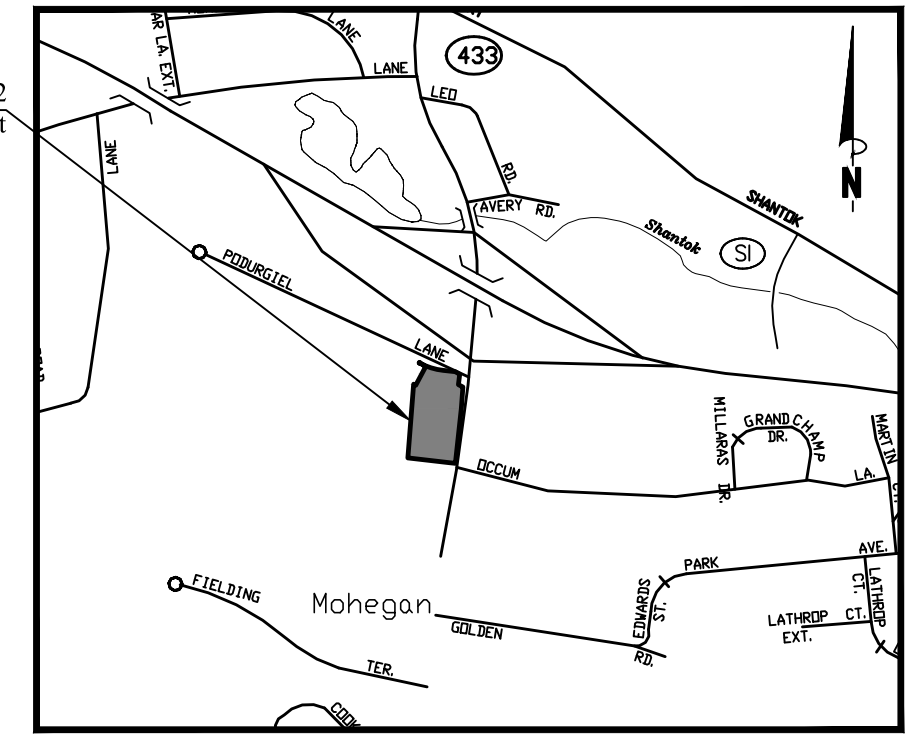
Reference Maps:

- "BOUNDARY SURVEY PROPERTY OF NDKLP MONTVILLE ASSOCIATES, LLC 2040 ROUTE 32, UNCASVILLE, CONNECTICUT " DATED: SEPTEMBER 28, 2011, BY: JAMES BERNARDO LAND SURVEYING, LLC, LS #70121.
- "PROPERTY SURVEY MAP DEPICTING EXISTING CONDITIONS OF 2040 NEW LONDON TURNPIKE (AKA CT 32) UNCASVILLE, CONNECTICUT PREPARED FOR: AMER CHOUDREY" DATED: APRIL 18, 2023, REVISED TO 7/6/202, BY: ANTHONY HENDRIKS, LS #10834, FEDUS ENGINEERING,LLC.

NOTES:

- AREA OF WETLAND ON SITE ARE 21,832 SF/0.50 ACRES.
- PROPOSED AREA DISTURBED IN THE 50' REVIEW ZONE IS 21,484 SF/0.49 ACRES.
- ALL PLANTED AND LANDSCAPED AREAS SHALL BE MAINTAINED CONTINUOUSLY BY THE OWNER OF THE PROPERTY. ALL TREES REQUIRED TO BE PLANTED IN LANDSCAPED AREAS SHALL BE AT LEAST SIX-FEET IN HEIGHT AT THE TIME OF THE PLANTING.
- THE OWNER OF PROPERTY USED FOR PARKING AND / OR LOADING SHALL MAINTAIN SUCH AREA AND ALL REQUIRED SIDEWALKS AND BUFFER AREAS IN GOOD CONDITIONS WITHOUT HOLES AND FREE OF ALL DUST, TRASH, AND OTHER DEBRIS.

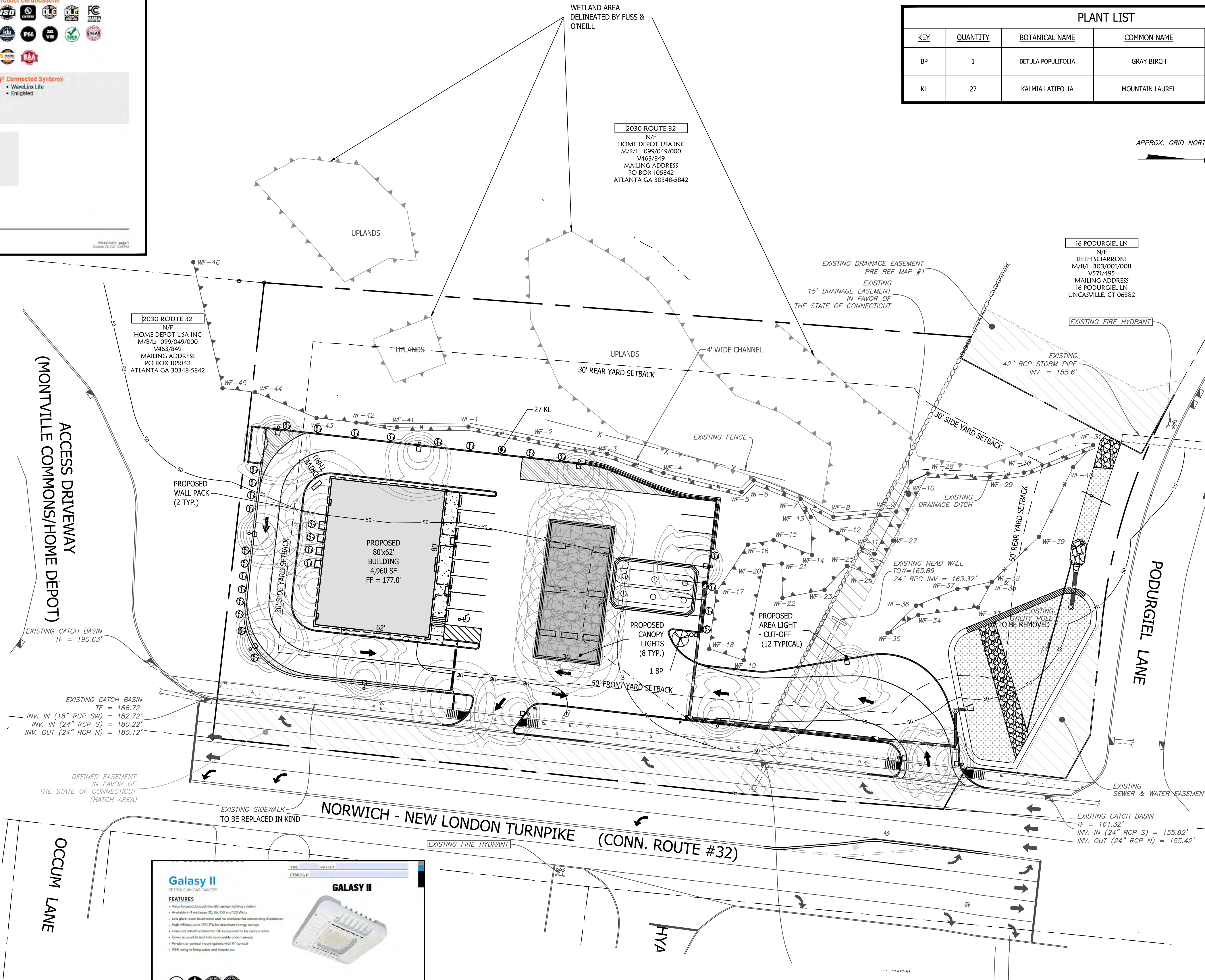
PLANT LIST				
KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE, ROOTS, REMARKS
BP	1	BETULA POPULIFOLIA	GRAY BIRCH	10'-15' TALL
KL	27	KALMIA LATIFOLIA	MOUNTAIN LAUREL	6'-10'



Location Map

Scale: 1"=1000'

APPROX. GRID NORTH (CT83)



Lumark
Prevail Discrete LED
Area / Site Luminaire

Product Features

- Interactive Menu
- Ordering Information
- Mounting Details
- Product Specifications
- Energy and Performance Data
- Control Options

Quick Facts

- Used integrated discrete light engine for improved optical uniformity and visual comfort
- Lumens (output) range from 4,500 - 41,000 nominal lumens (2000 - 3000)
- Replaces 70W up to 1,000W HID equivalents
- Efficiency up to 144 lumens per watt
- Standard universal quick mount arm with universal drill pattern

Dimensional Details

Permitted Data

Model	AC/DC Input	AC/DC Output
A	100-277V	100-277V
B	100-277V	100-277V
C	100-277V	100-277V
D	100-277V	100-277V

COOPER
Lighting Solutions

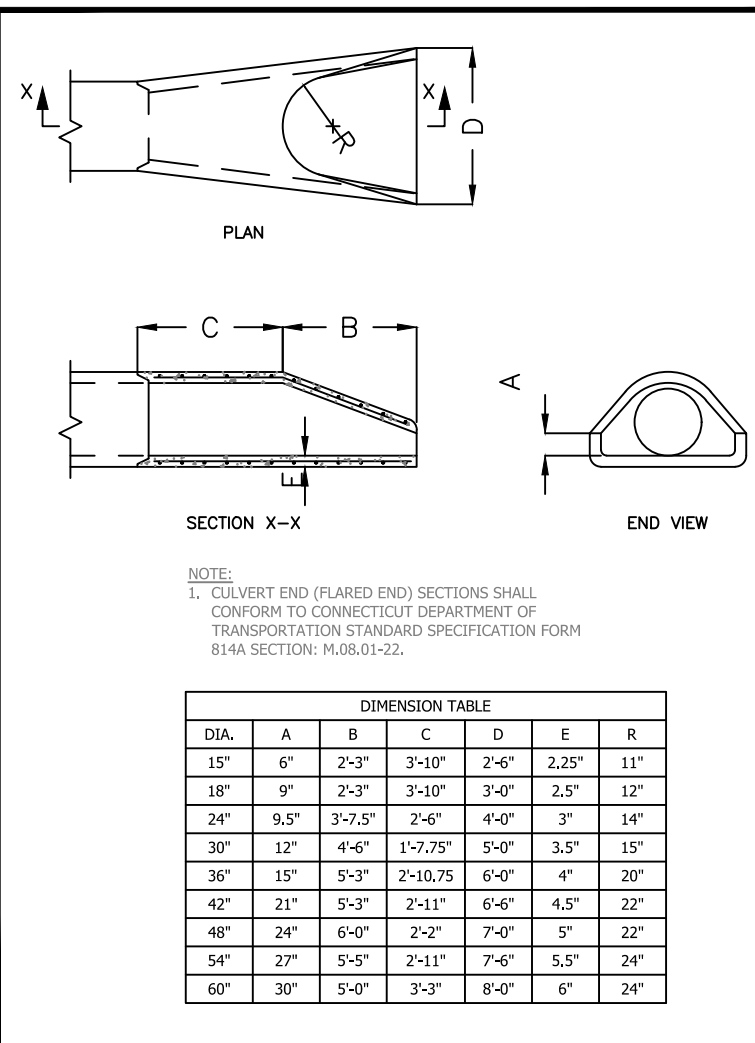
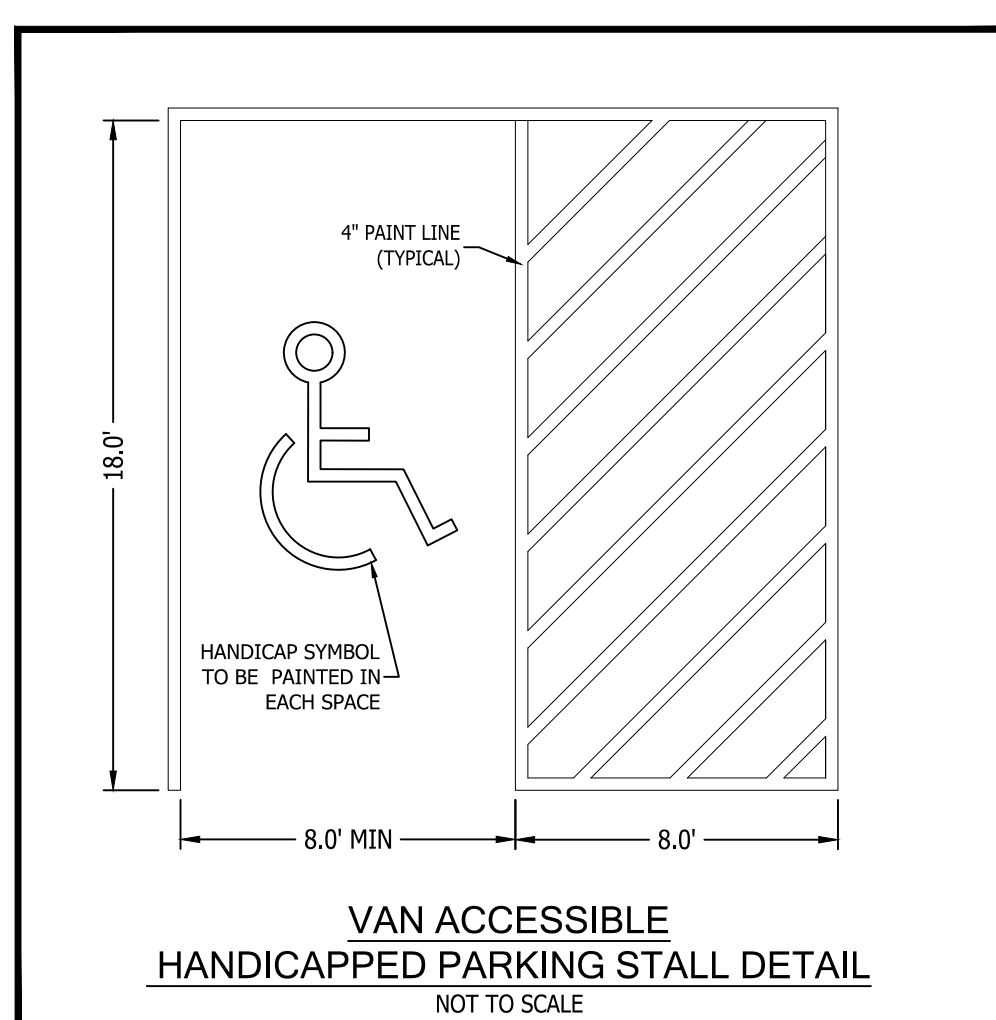
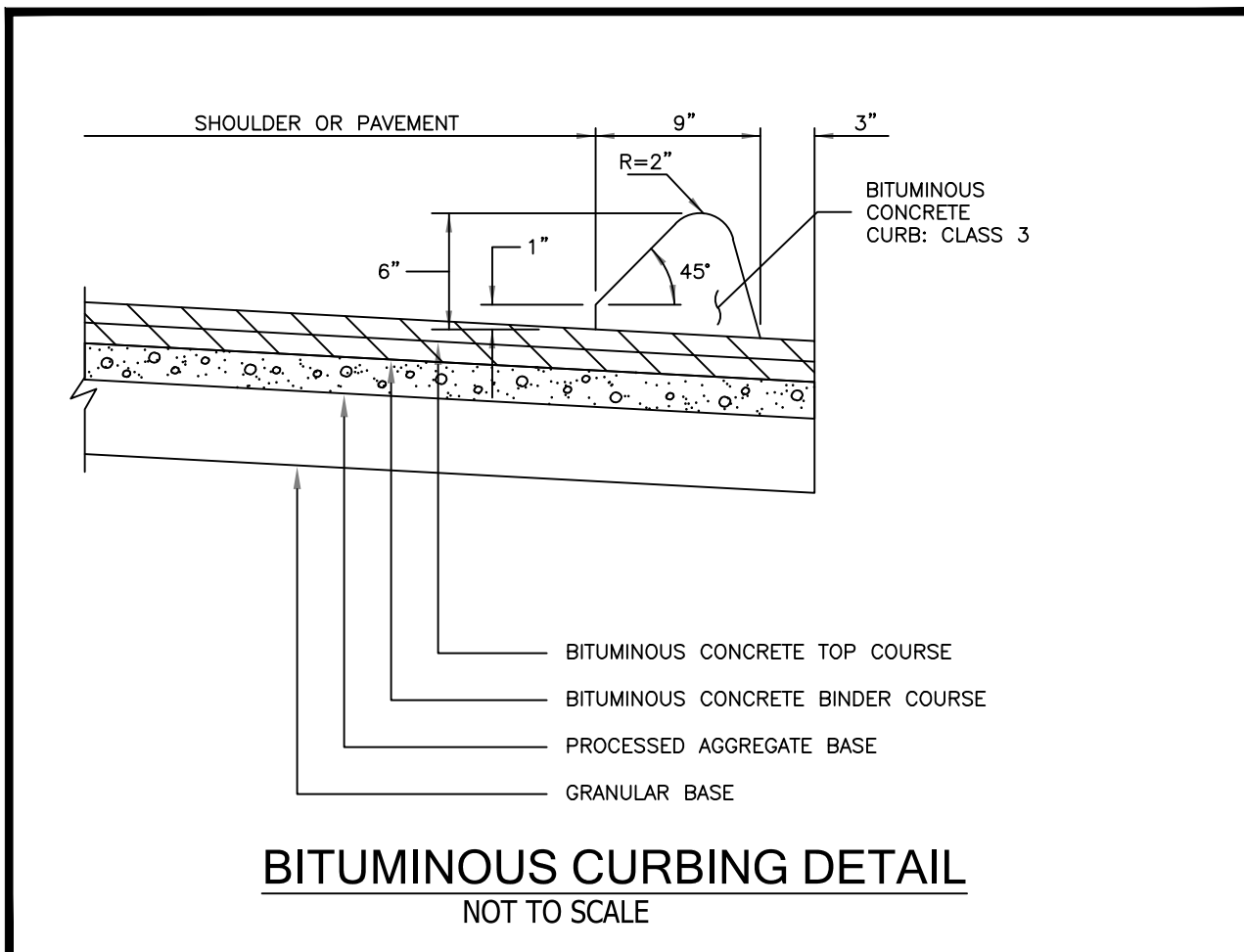
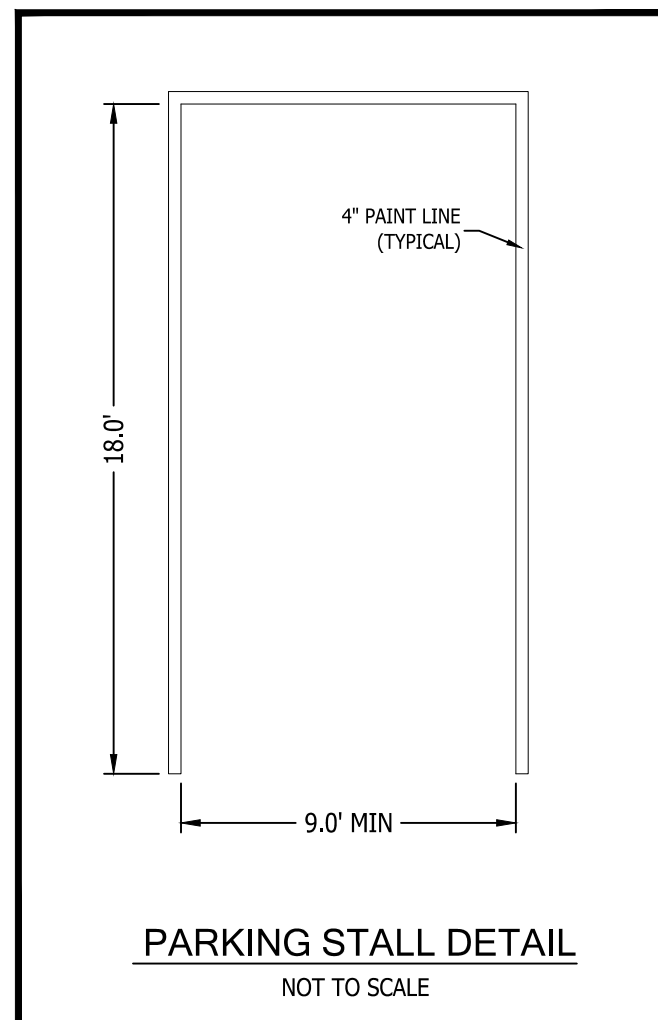
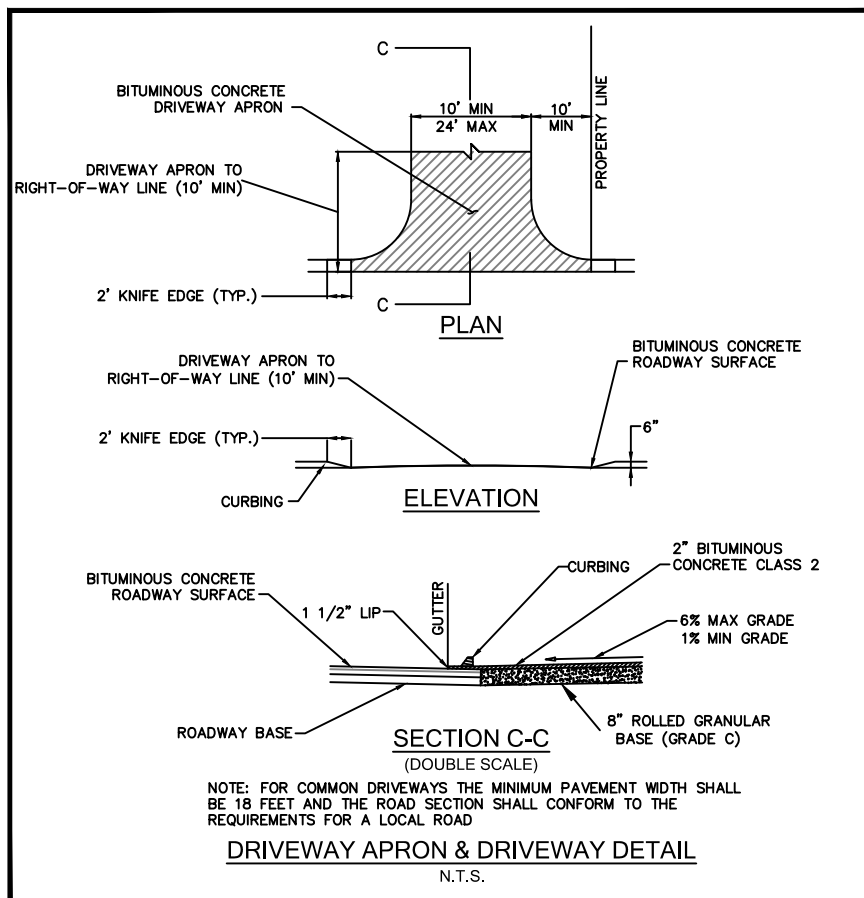
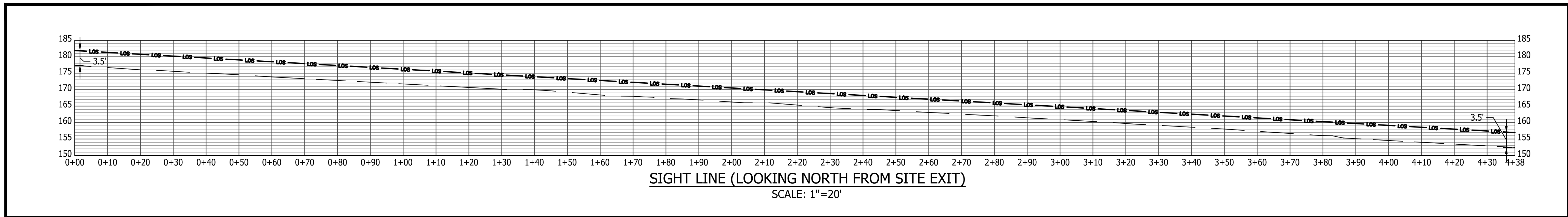
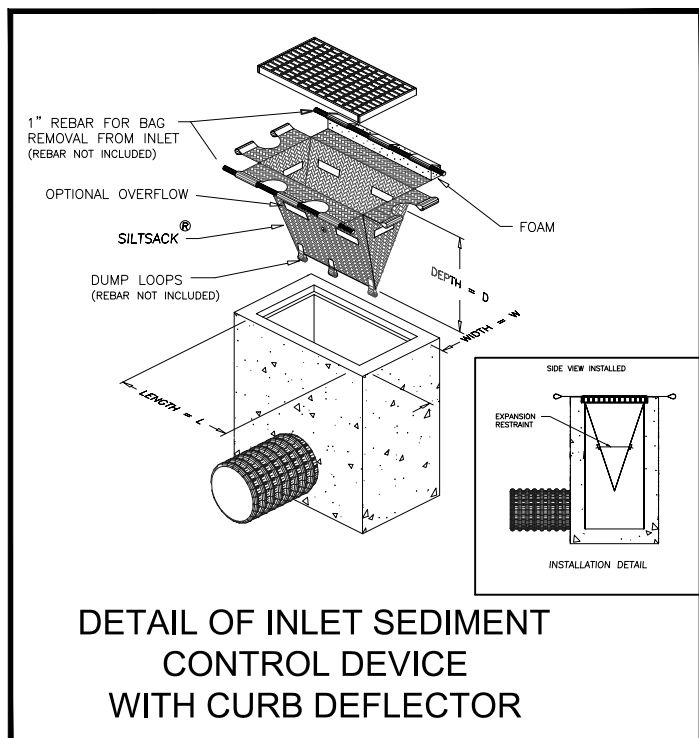
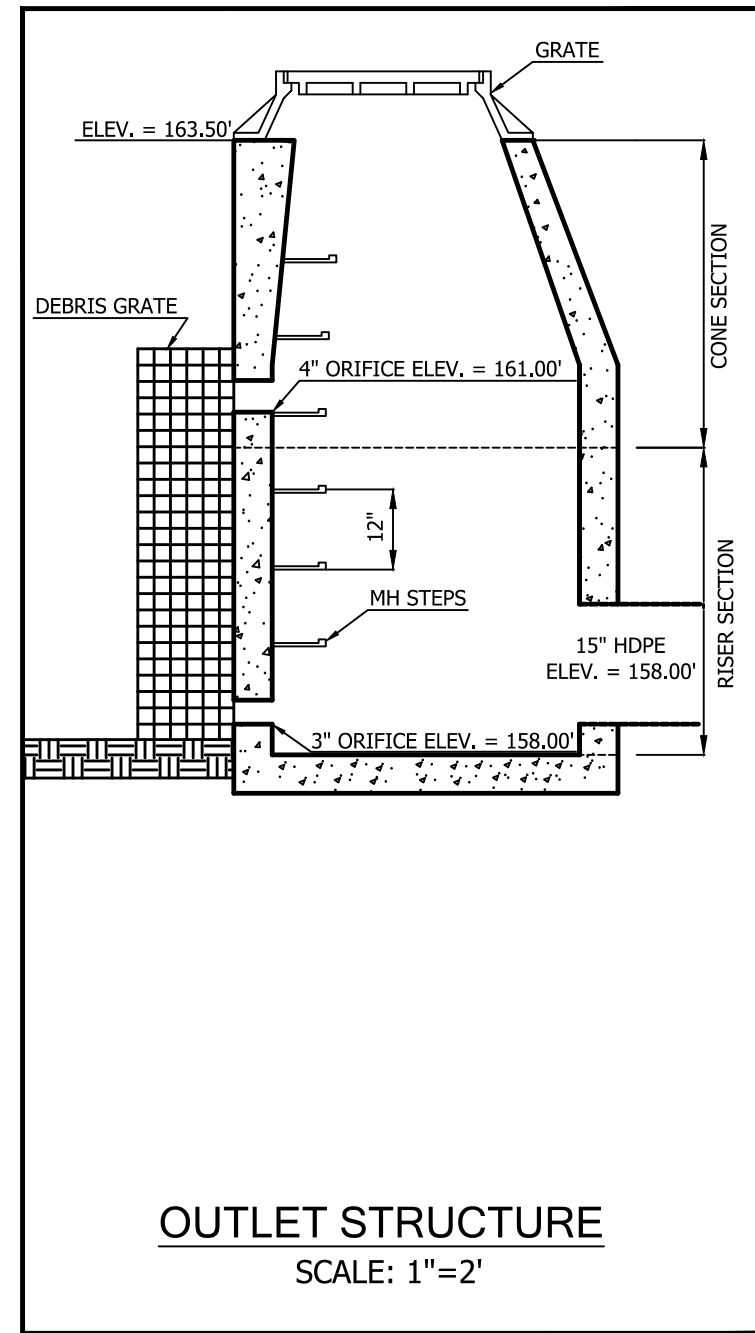
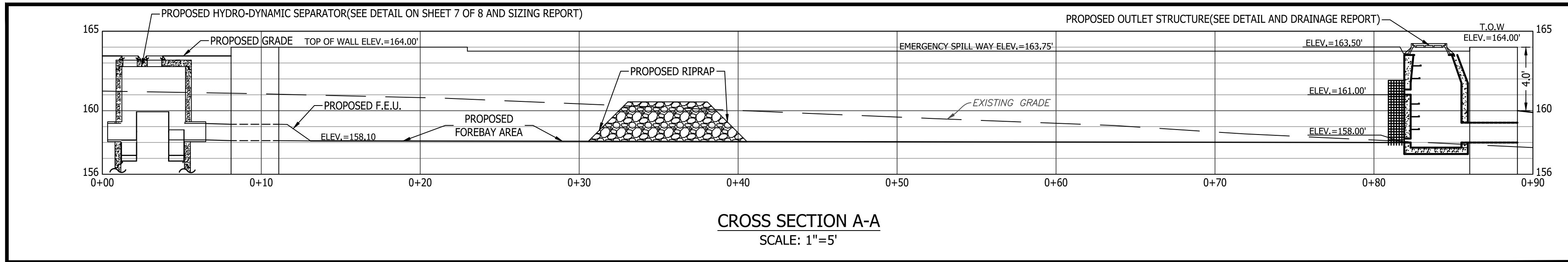
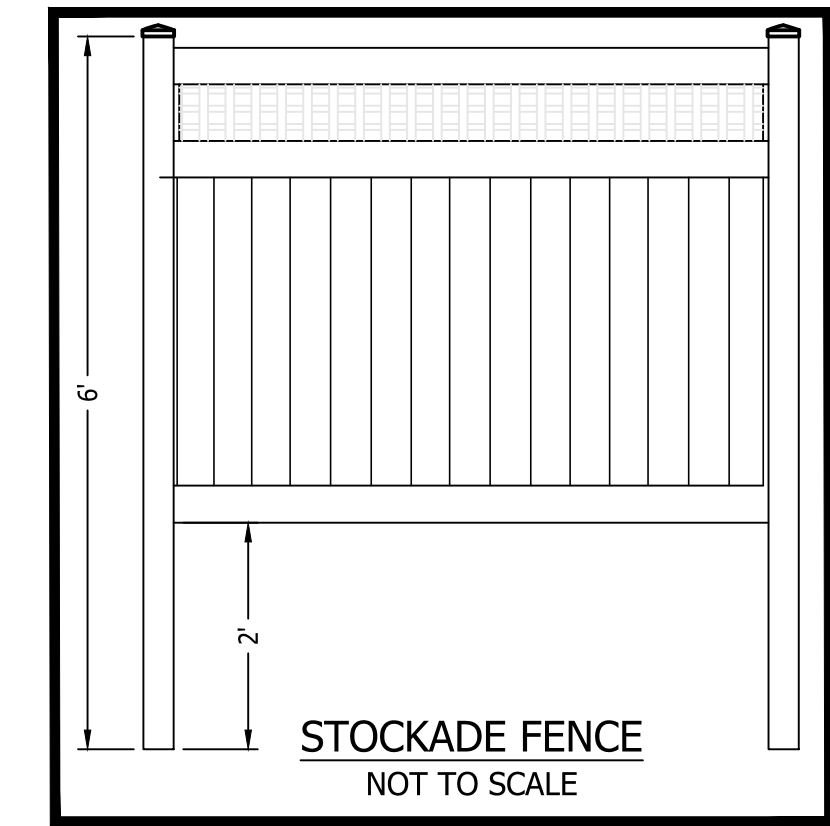
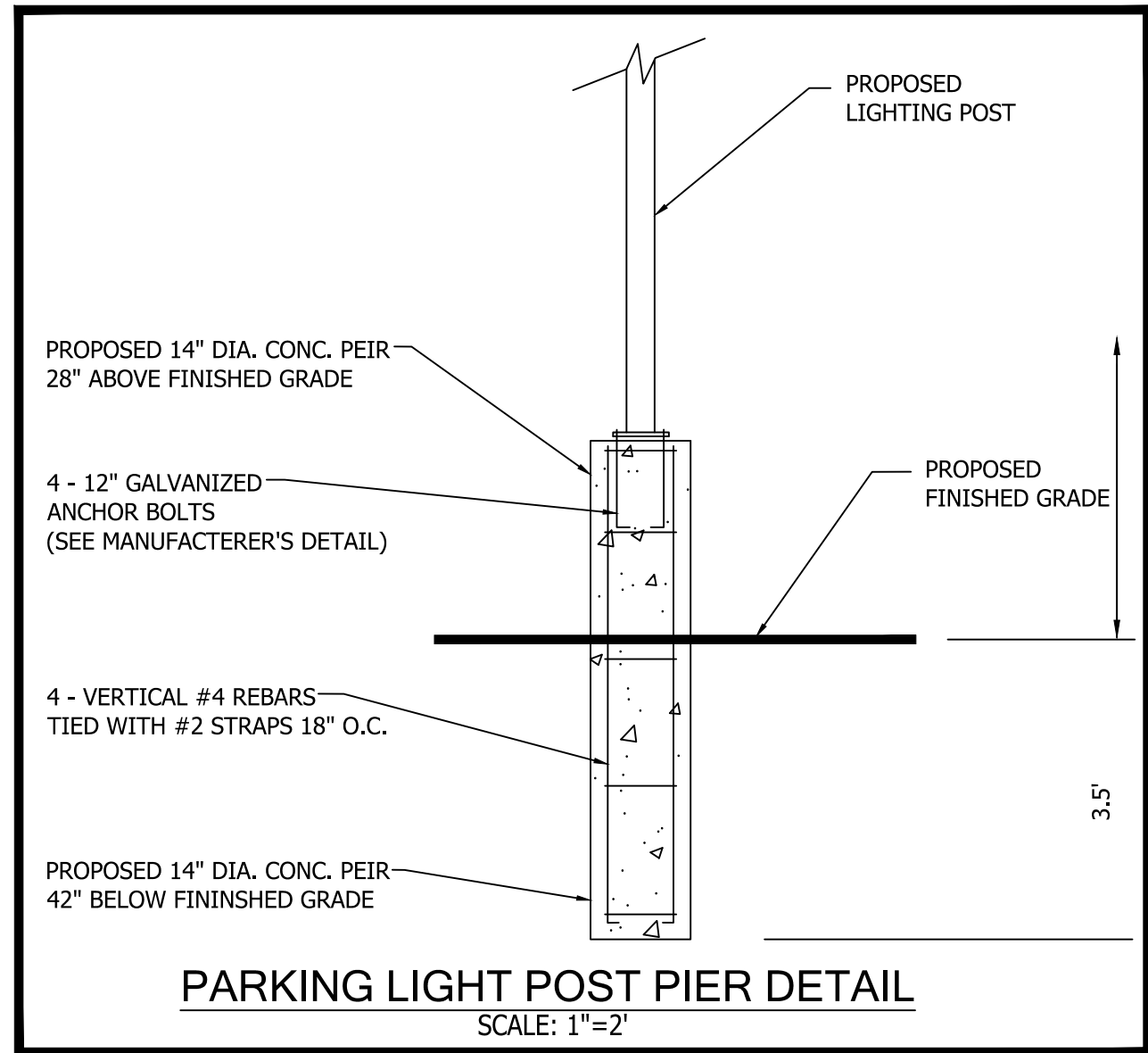
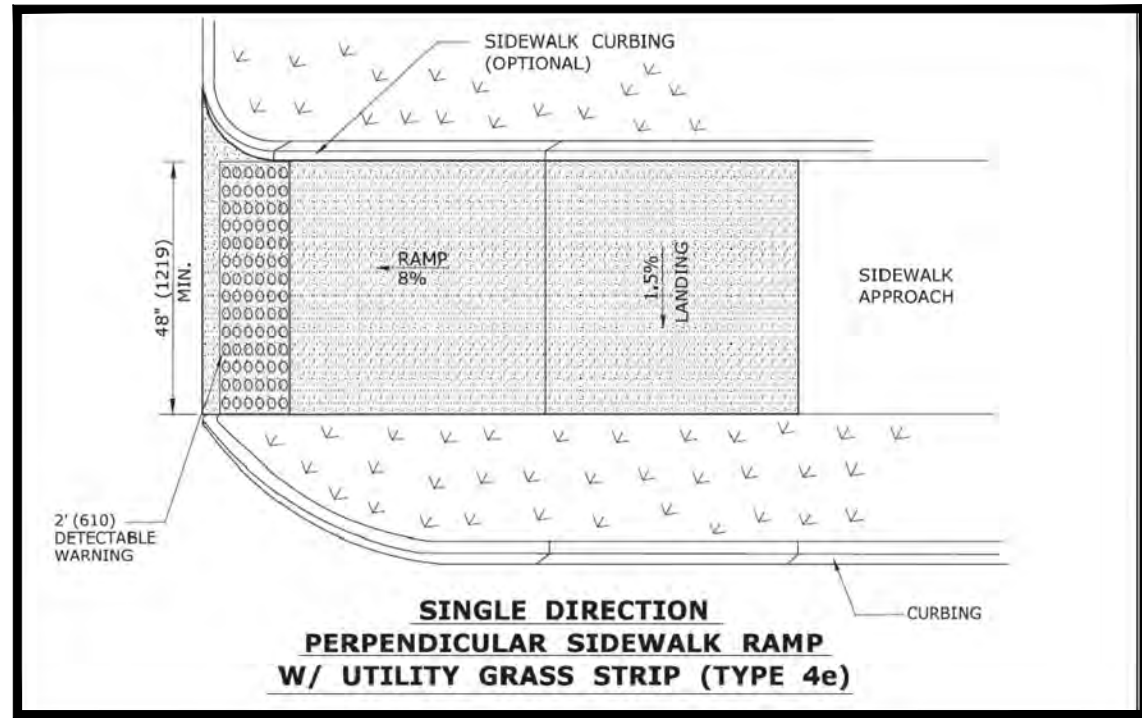
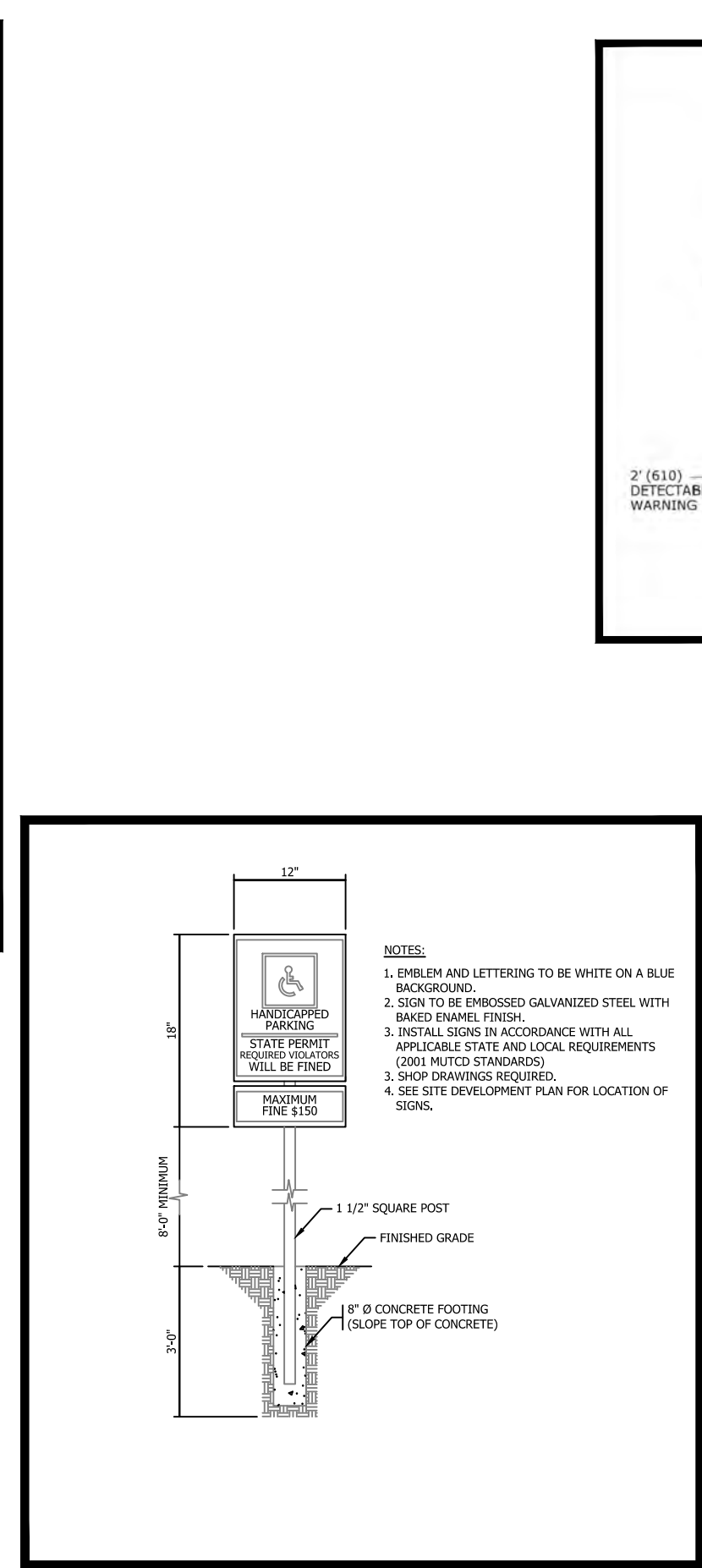
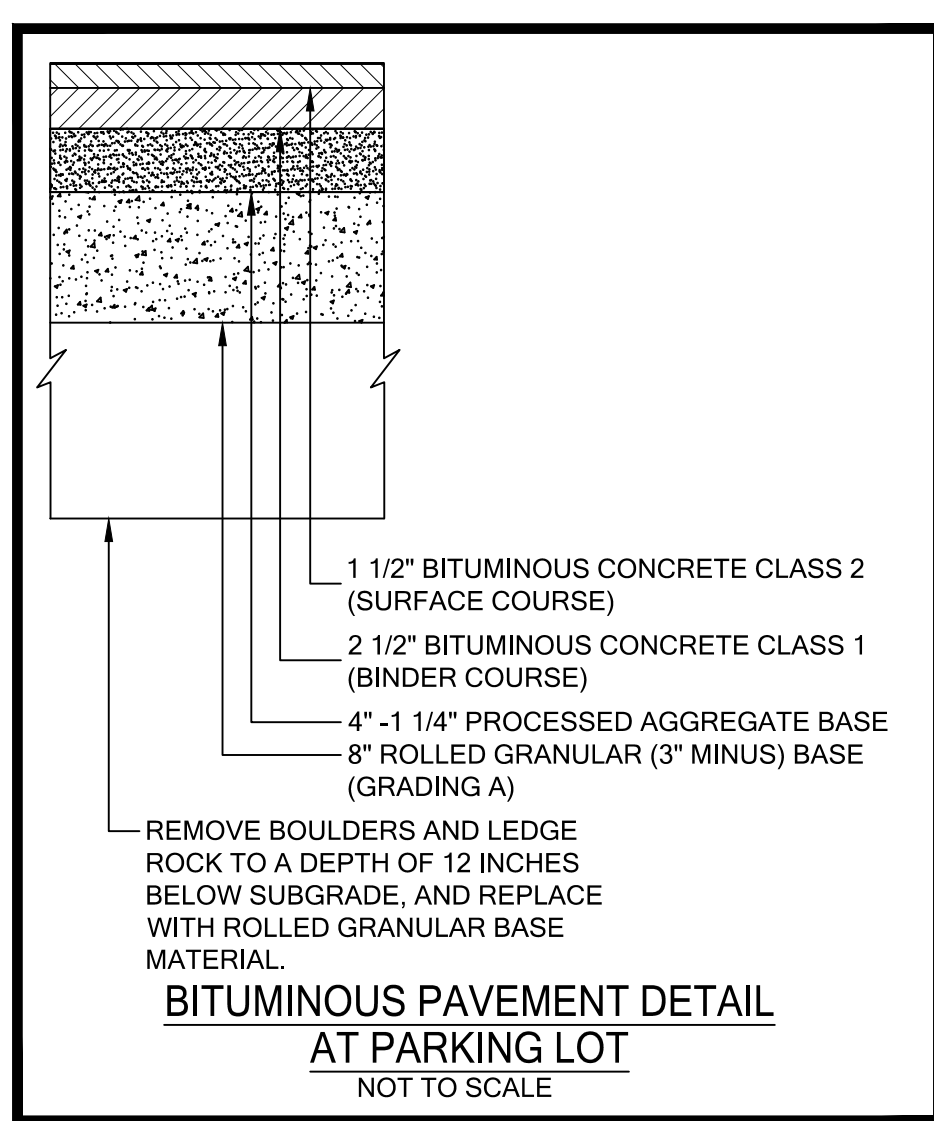
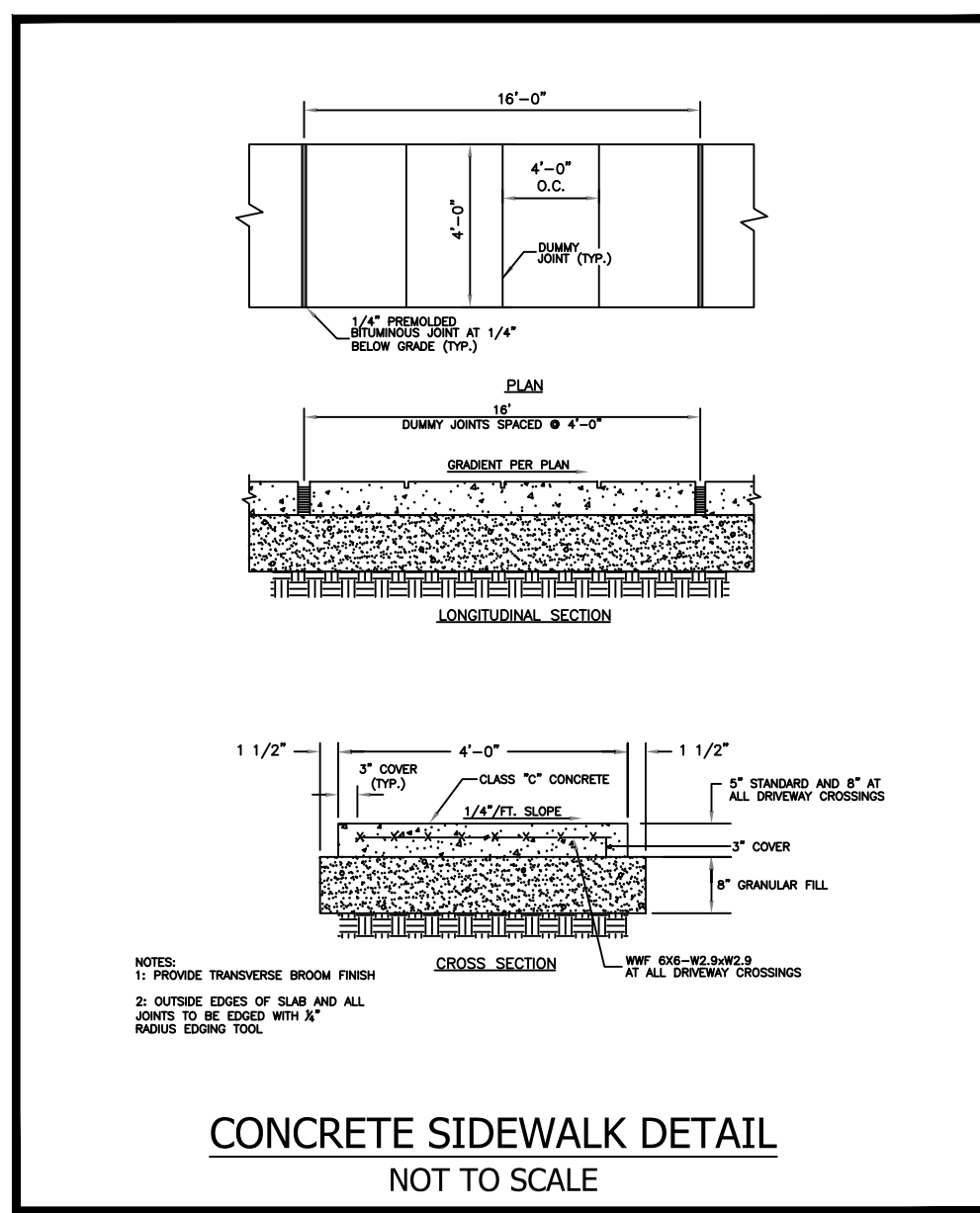
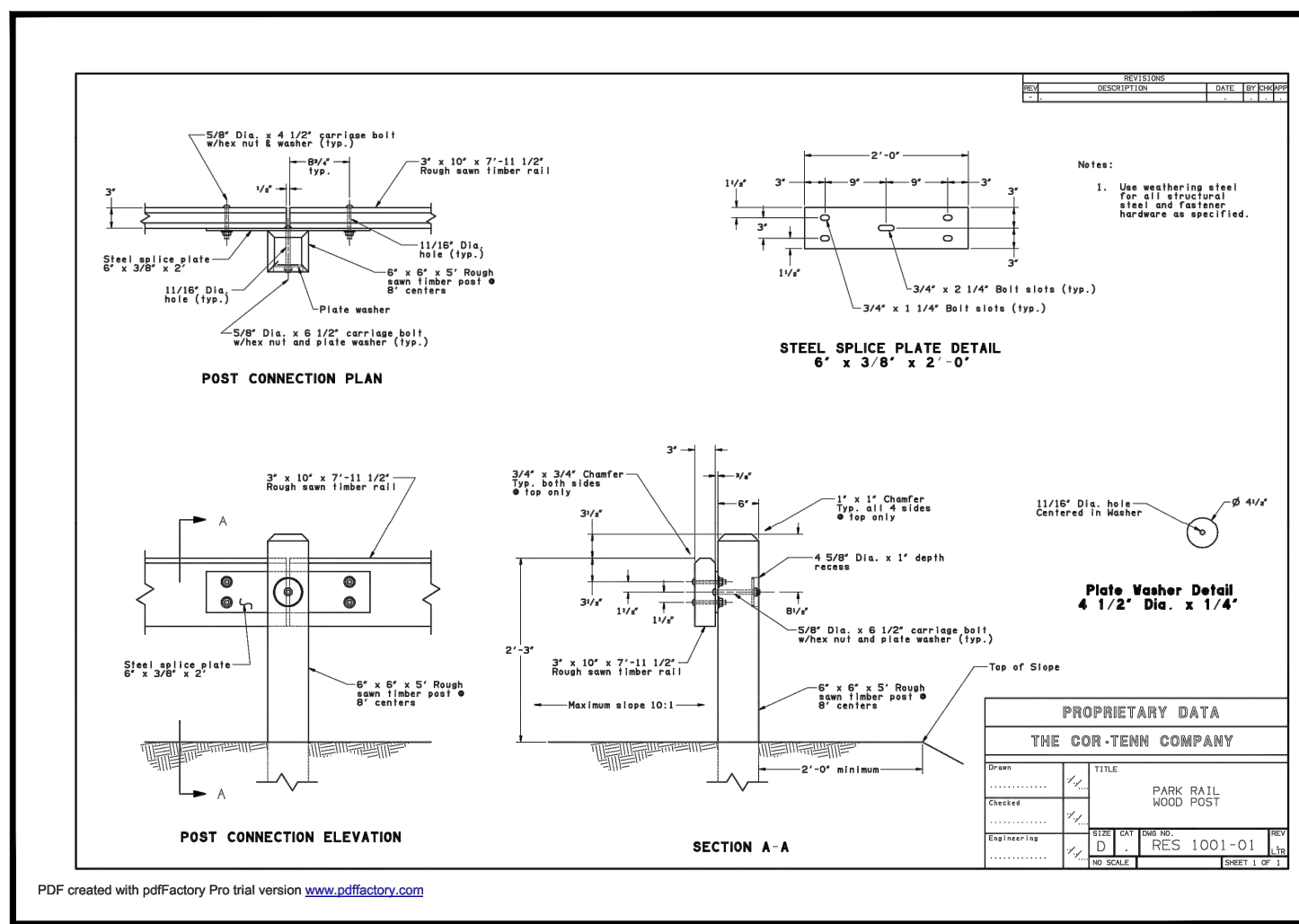
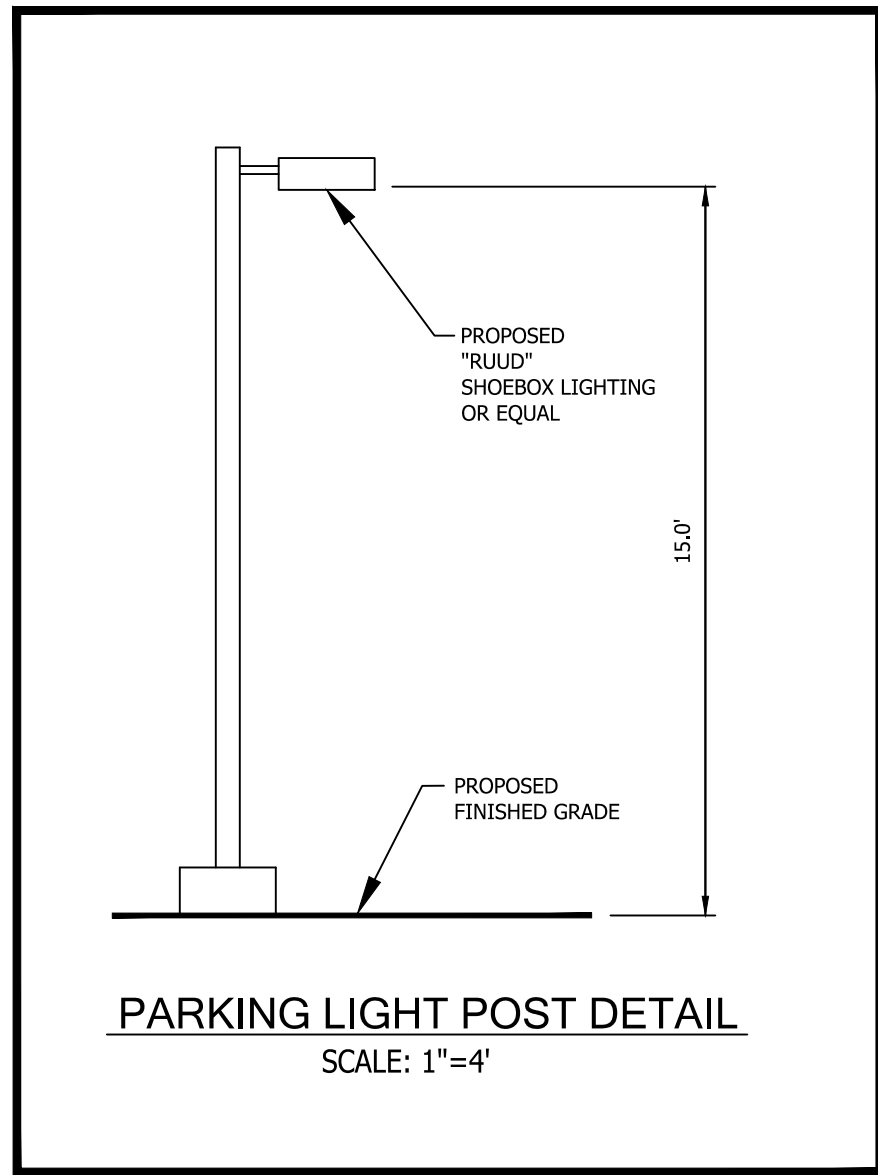
Legend

EXISTING	
SYMBOL	DESCRIPTION
[Symbol]	MONUMENT
[Symbol]	EX. IP / REBAR
[Symbol]	DRILL HOLE
[Symbol]	UTILITY POLE W/ LIGHT
[Symbol]	STONEWALL
[Symbol]	FENCE LINE
[Symbol]	WATER VALVE
[Symbol]	OVERHEAD WIRES
[Symbol]	PROPERTY LINE
[Symbol]	ADJACENT PROPERTY LINE
[Symbol]	INDEX CONTOUR
[Symbol]	CONTOUR
[Symbol]	WETLANDS BOUNDARY/FLAG
[Symbol]	MEAN LOW WATER LINE
[Symbol]	MEAN HIGH WATER LINE
[Symbol]	HIGH TIDE LINE
[Symbol]	COASTAL JURISDICTIONAL LINE
[Symbol]	ZONE LINE
[Symbol]	EASEMENT LINE
[Symbol]	BUILDING SETBACK LINE
[Symbol]	EXISTING WATER LINE
[Symbol]	EXISTING SEWER LINE
[Symbol]	NOW OR FORMERLY CATCH BASIN
[Symbol]	TYPICAL
[Symbol]	SPOT ELEVATION
[Symbol]	DRILL HOLE
[Symbol]	POINT OF BEGINNING
[Symbol]	TEST PIT
[Symbol]	PERCOLATION TEST
[Symbol]	UTILITY POLE
[Symbol]	DRAINAGE MANHOLE
[Symbol]	SEWER MANHOLE
[Symbol]	HYDRANT
[Symbol]	WATER SHUTOFF
[Symbol]	EXISTING EASEMENT
PROPOSED	
[Symbol]	IRON PIN TO BE SET

Galaxy II
PERIMETER LIGHTING PRODUCT

FEATURES

- Value focused, rugged heavy-duty lighting solution
- Available in lengths of 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 120, 150, 180, 200, 240, 300, 360, 420, 480, 540, 600, 660, 720, 780, 840, 900, 960, 1020, 1080, 1140, 1200, 1260, 1320, 1380, 1440, 1500, 1560, 1620, 1680, 1740, 1800, 1860, 1920, 1980, 2040, 2100, 2160, 2220, 2280, 2340, 2400, 2460, 2520, 2580, 2640, 2700, 2760, 2820, 2880, 2940, 3000, 3060, 3120, 3180, 3240, 3300, 3360, 3420, 3480, 3540, 3600, 3660, 3720, 3780, 3840, 3900, 3960, 4020, 4080, 4140, 4200, 4260, 4320, 4380, 4440, 4500, 4560, 4620, 4680, 4740, 4800, 4860, 4920, 4980, 5040, 5100, 5160, 5220, 5280, 5340, 5400, 5460, 5520, 5580, 5640, 5700, 5760, 5820, 5880, 5940, 6000, 6060, 6120, 6180, 6240, 6300, 6360, 6420, 6480, 6540, 6600, 6660, 6720, 6780, 6840, 6900, 6960, 7020, 7080, 7140, 7200, 7260, 7320, 7380, 7440, 7500, 7560, 7620, 7680, 7740, 7800, 7860, 7920, 7980, 8040, 8100, 8160, 8220, 8280, 8340, 8400, 8460, 8520, 8580, 8640, 8700, 8760, 8820, 8880, 8940, 9000, 9060, 9120, 9180, 9240, 9300, 9360, 9420, 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NO.	DATE	REVISIONS
1	03/27/2023	STAFF COMMENTS
2	06/14/2023	STAFF COMMENTS
3	07/03/2023	WATER & SEWER CONNECTION
4	07/12/2023	TOWN PLANNER COMMENTS

Detail
of
2040 New London Turnpike
(AKA CT RT 32)
Uncasville, Connecticut
Prepared For:
AMER CHOUDREY
February 7, 2023

DRAWING SCALE: AS SHOWN

FEDUS ENGINEERING, LLC
CIVIL ENGINEERS
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SHEET NO. 8 OF 8 JOB NO. 21-001048 DRAWN BY: DC