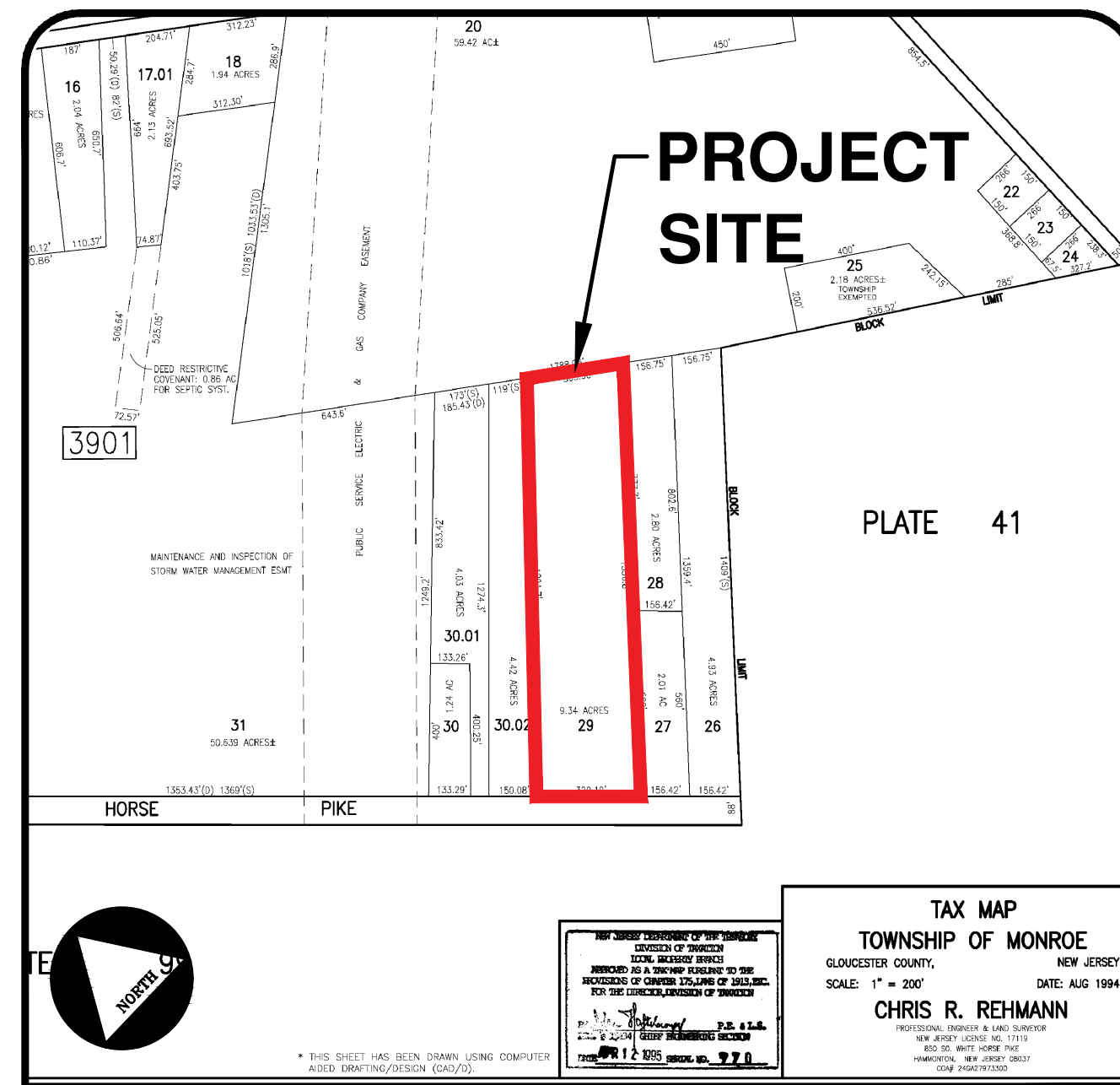
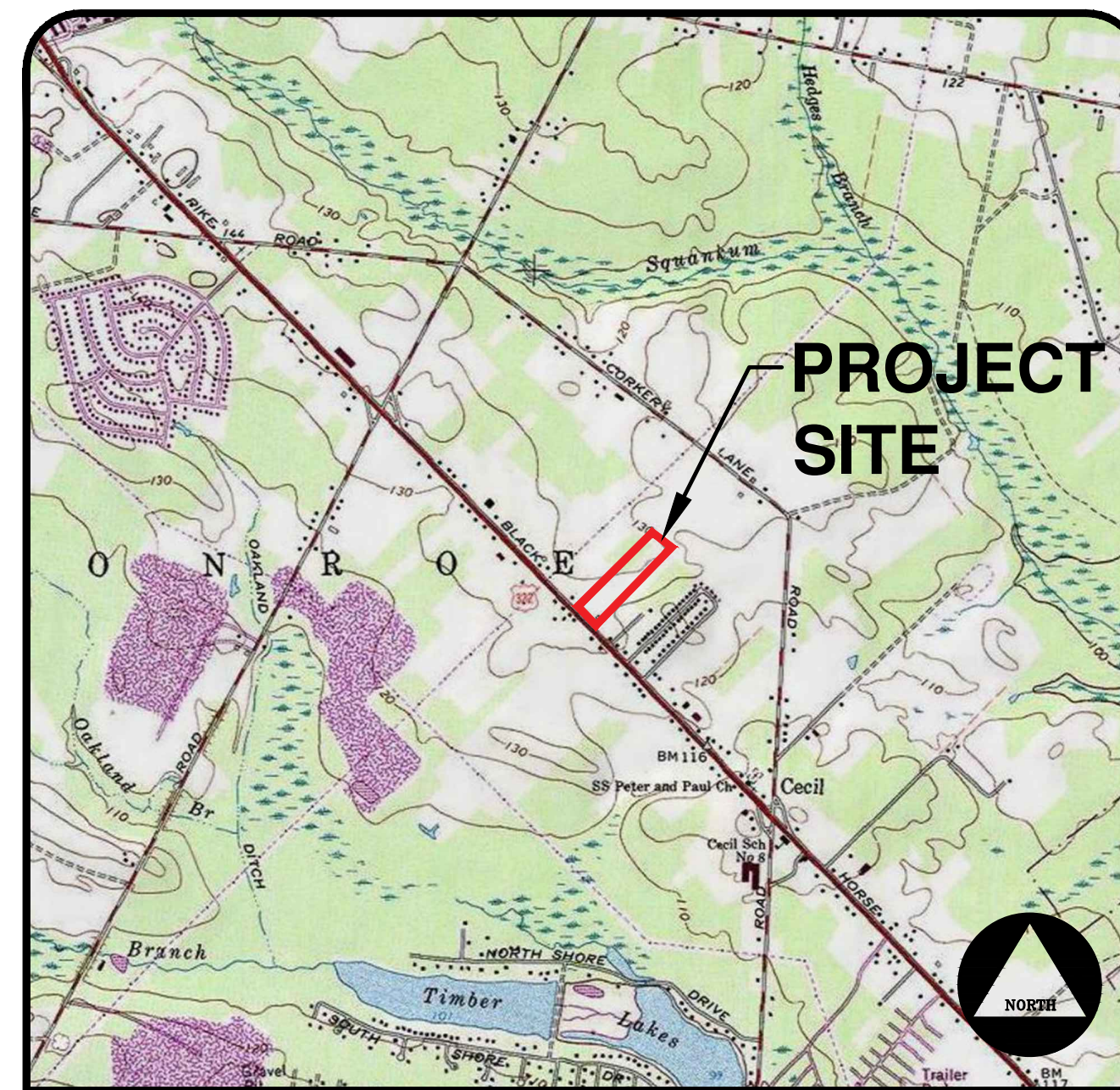


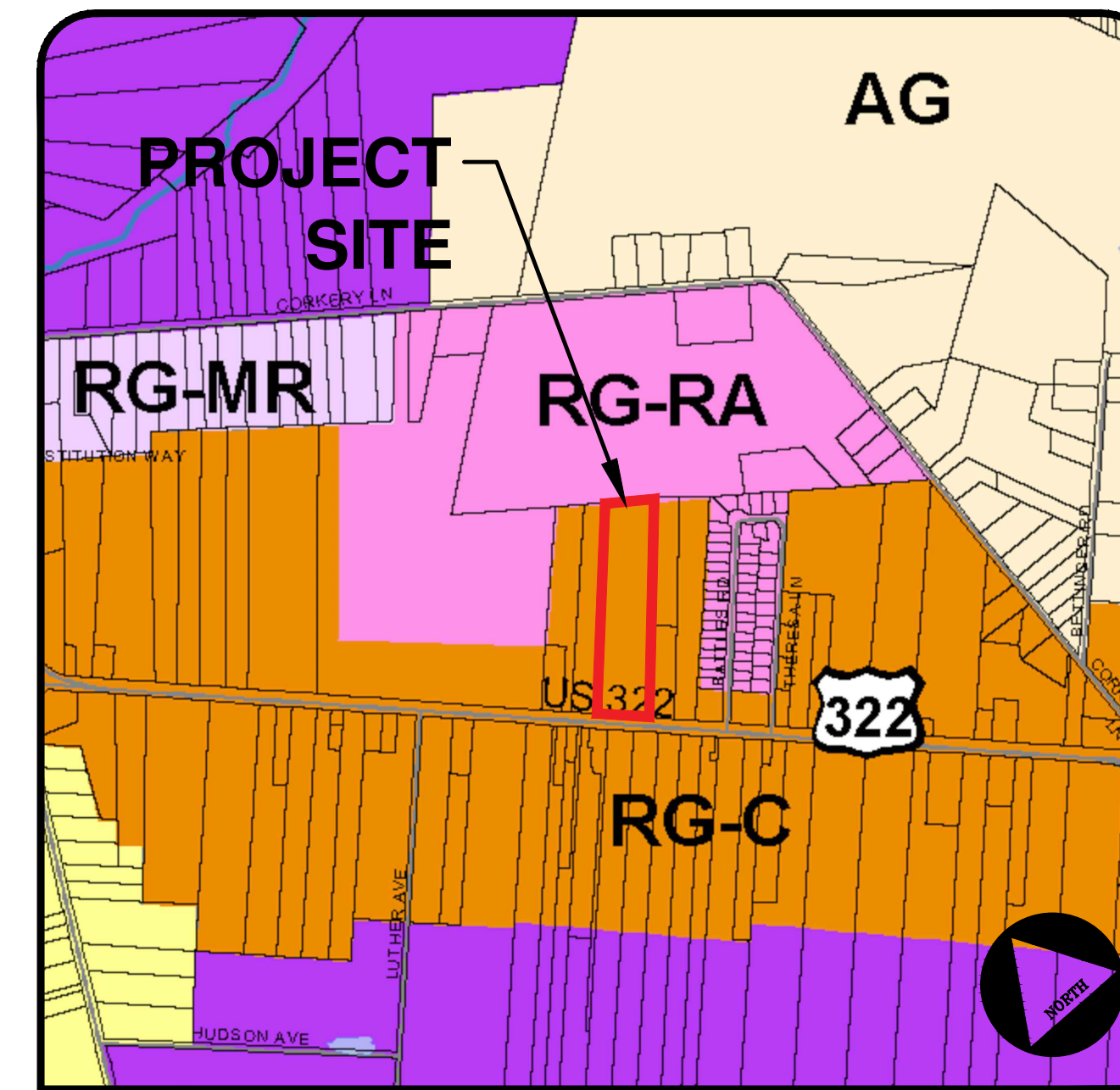
GENERAL LOCATION
(GLOUCESTER COUNTY ROADWAY MAP)



MONROE TOWNSHIP TAX MAP
(SHEET #39)

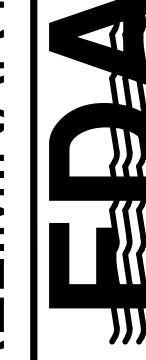


U.S.G.S. MAP



MONROE TOWNSHIP ZONING MAP
(RG-C) REGIONAL GROWTH COMMERCIAL DISTRICT

PRELIMINARY PLAT - SITE PLAN



Engineering Design Associates, P.A.
Engineers, Environmental Planners, Landscape Architects
CAMBRIDGE PROFESSIONAL OFFICES
5 Cambridge Drive Ocean View New Jersey 08230
(609) 390-0332 • Fax (609) 390-9204
CERTIFICATE OF AUTHORIZATION #264297050

COVER SHEET
BLOCK 3901, LOT 29
MONROE TOWNSHIP
GLOUCESTER COUNTY, NEW JERSEY

PROPERTY OWNERS WITHIN 200' OF BLOCK 3901, LOTS 29 MONROE TOWNSHIP, GLOUCESTER COUNTY, NJ

Lot	Owner	Address	Phone
29	White & Blue, LLC	2174 S. Black Horse Pike	609-381-0295
30	James Cannon	3215 Main Road	Franklinville, NJ 08322
31	Franklinville, NJ 08322		

Monroe Municipal Utilities Authority
372 Main Street South
Williamstown, NJ 08094
856-629-1444

Atlantic City Electric
Joseph B. Riding, Mgr.
5100 Harding Hwy.
Mays Landing, NJ 08330
1-800-442-3789

Verizon New Jersey
9 Gates Avenue
Montclair, NJ 07042
1-800-VERIZON

Public Service Electric and Gas Company
Manager - Corporate Properties
80 Park Plaza, 768
Newark, NJ 07102
1-800-436-4565

South Jersey Gas
Corporate Headquarters
1 South Jersey Plaza
Folsom, NJ 08037
1-888-766-9900

Comcast Cable Co.
301 South Main Road
Vineland, NJ 08360
Attn: Construction Department
1-800-COMCAST

County Planning Department
Gloucester County Planning Board
1200 North Delaware Drive
Clayton, NJ 08312
856-307-6650

State Highways
Attn: Highway Inspector
NJ Department of Transportation
One Executive Campus
Route 70 West
Cherry Hill, NJ 08002
856-486-6600

County Highways
Gloucester County Highway Department
1200 North Delaware Drive
Clayton, NJ 08312
856-307-6400

PROPERTY OWNERS LIST WITHIN 200'

- GENERAL NOTES**
1. Applicant: White & Blue, LLC, James Cannon, 3215 Main Road, Franklinville, NJ 08322, Phone: 609-381-0295. Project Location: 2174 S. Black Horse Pike, Williamstown, NJ 08094.
 2. The project site is known as Block 3901, Lot 29, as shown on the Monroe Township Tax Map, Sheet #39.
 3. The project site is located in the (RG-C) Regional Growth Commercial District.
 4. The project site is currently wooded and consists of 404,780.1 SF (9.29 ± AC).
 5. It is the intent of the applicant to construct one 48,000 SF commercial building on the property. The building is to consist of 4,000 SF of office space (2 story, 8,000 SF total) and 44,000 SF of warehouse space with 3.41 acres of outdoor storage space.
 6. The proposed building will be serviced by an on-site septic system and well.
 7. All concrete curb, sidewalk, pavement disturbed in kind within road right-of-ways are to be repaired in kind.
 8. All traffic signs, other signs, mailboxes, poles and/or safety devices that will be removed during construction are to be reinstalled at the proper location.
 9. Stormwater Calculations are submitted under separate cover. Calculations were prepared by Engineering Design Associates and dated June 2019 & revised August 2019.
 10. The proposed application will require approvals from the following agencies:
 - New Jersey Pinelands Commission
 - Monroe Township Land Use Board
 - Gloucester County Planning Board
 - Gloucester County Health Department
 - New Jersey Department of Transportation

GENERAL NOTES

CONTRACTOR NOTES

Outbound and topographic information taken from a plan entitled "Topographic Survey" 2174 South Black Horse Pike situated in Township of Monroe, County of Gloucester, New Jersey prepared by Ewing Associates, Bruce A. Ewing, NJPLS #35835 & dated 10/5/20. Vertical datum referenced NAVD 1988.

SURVEY INFORMATION

This set of plans has been prepared for purposes of municipal and agency review and approval. This set of plans shall not be utilized as construction documents until all conditions of approval have been satisfied on the drawings and each drawing has been revised to indicate " Issued for Construction."

Contractor shall check and verify all existing utilities, grades, site dimensions and existing conditions before proceeding with construction. Any discrepancies or unusual conditions are to be reported to design engineer/project staff immediately for adjustments or directions.

All construction to be performed in accordance with NJDOT Standard Specifications and supplementary specifications for this project.

These drawings do not include the necessary components for construction safety; however, all construction must be done in compliance with the Occupational Safety and Health Act of 1970 and all rules and regulations appurtenant to this project.

CONTRACTOR NOTES

(RG-C) REGIONAL GROWTH COMMERCIAL DISTRICT LIGHT INDUSTRIAL (CONDITIONAL USE)

Requirement	Required	Proposed	Variance
Lot Area	20,000 SF	404,780.10 SF	No
Lot Width/Frontage	100'	319.52'	No
Front Yard Setback	50'	81.3'	No
Side Yard Setback	20'	25' min.	No
Rear Yard Setback	35'	398.0'	No
Lot Coverage (max)	70%	56.84%	No
Buffers	25'	25', 62.5'	No
Building Height (max)	35'	<35'	No

Parking
44,000 SF Warehouse Space
8,000 SF Office Space

Offices- 1 space/ 200 SF	Warehouse- 1 space/ 1500 SF	TOTAL
40	30	70

In accordance with section 175-161.6A(2)(d), light industrial, manufacturing, and wholesale distribution and warehouse facilities, this project meets all requirements, 1-14, of the conditional use requirements.

ZONING INFORMATION

SITE PLAN FOR WHITE & BLUE, LLC BLOCK 3901, LOT 29 MONROE TOWNSHIP GLOUCESTER COUNTY, NJ



SCHEDULE OF SHEETS

COVER SHEET	SHEET NUMBER	ORIGINAL DATE	LAST REVISION DATE
EXISTING CONDITIONS/ DEMOLITION PLAN	1 OF 12	6/19/19	10/7/24
SITE PLAN	2 OF 12	6/19/19	10/29/20
GRADING & DRAINAGE PLAN	3 OF 12	6/19/19	10/7/24
SOIL EROSION & SEDIMENT CONTROL PLAN	4 OF 12	6/19/19	12/4/23
LANDSCAPING & LIGHTING PLAN	5 OF 12	6/19/19	12/4/23
NJDOT PLAN	6 OF 12	6/19/19	12/22/20
ENGINEERING DETAILS PLAN	7 OF 12	6/19/19	3/18/21
ENGINEERING DETAILS PLAN	8 OF 12	6/19/19	12/22/20
ENGINEERING DETAILS PLAN	9 OF 12	6/19/19	10/5/20
ENGINEERING DETAILS PLAN	10 OF 12	10/5/20	12/22/20
ENGINEERING DETAILS PLAN	11 OF 12	10/5/20	12/22/20
SOIL EROSION & SEDIMENT CONTROL PLAN	12 OF 12	6/19/19	10/5/20

I HEREBY CONSENT TO THE FILING OF THESE PLANS

JAMES CANNON DATE 1-17-2020

SANDY CANNON DATE 1-17-2020

MONROE TOWNSHIP APPROVAL BLOCK

CHAIRMAN	DATE
SECRETARY	DATE
ENGINEER	DATE

JOSEPH H. MAFFEI
PROFESSIONAL ENGINEER
N.J.P.E. LIC. #37894

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REVISION	DATE	BY
REV. PER APPLICANT	10/7/2024	MAJ
REV. PER APPLICANT	12/4/2023	MAJ
REV. FENCE PER APPLICANT	11/9/23	MAJ
REV. PER NJDOT	3/19/21	MAJ
REV. PER TRAFFIC ENG.	2/15/21	MAJ
REV. PER BOARD PLANNER	2/11/21	MAJ
REV. PER RESOLUTION	12/22/20	MAJ
REV. FOR SESS SUB.	10/29/20	MAJ
REV. PER BOARD ENG. & PLANNER REPORTS	10/5/20	MAJ
REV. PER BOARD ENG. & PLANNER REPORTS	9/23/20	MAJ
REV. PER TWP & COUNTY SUBMISSION	12/18/19	MAJ
REV. PER NJ PINELANDS COMMISSION	10/2/19	MAJ
REV. PER NJ PINELANDS COMMISSION	8/7/19	MAJ

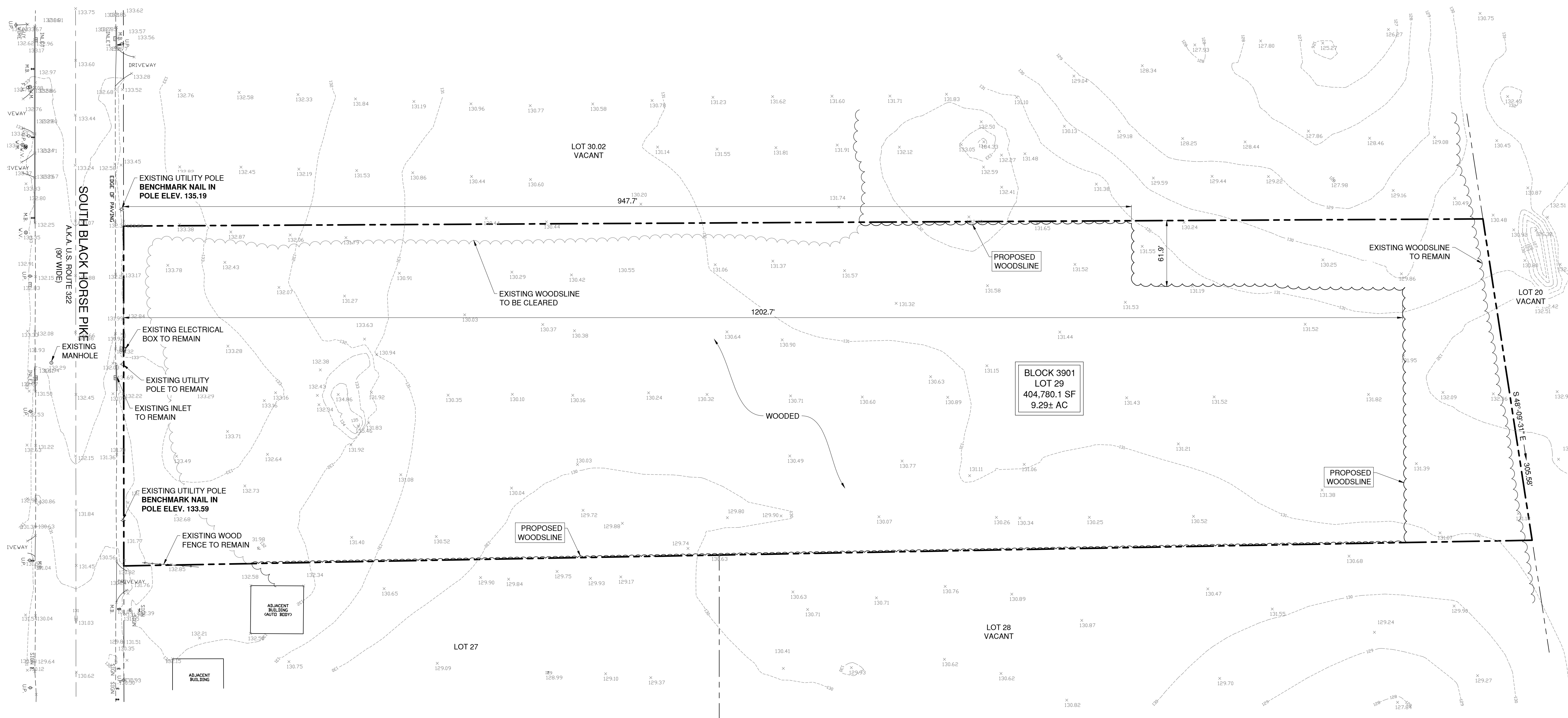
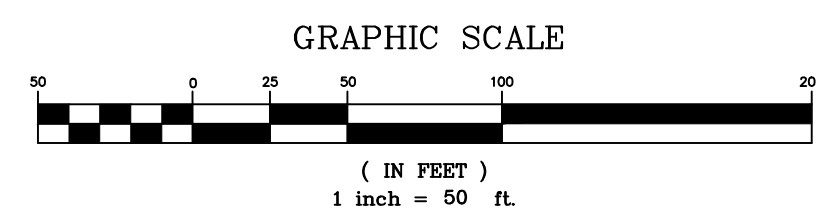


DATE: 6/19/19	DRAWN BY: MAJ
SCALE: AS NOTED	CHECKED BY: JHM
PROJECT #: 8146	SHEET: 1 OF 12

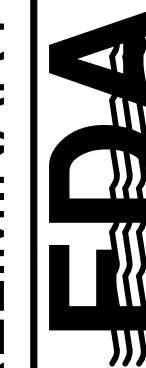
DEMOLITION PLAN



Engineers - Landscape Architects - Planners



PRELIMINARY PLAT - SITE PLAN



Engineering Design Associates, P.A.
 Cambridge Professional Offices
 5 Cambridge Drive Ocean View New Jersey 08230
 (609) 390-0332 • Fax (609) 390-9204
 CERTIFICATE OF AUTHORIZATION: 2636270350

DEMOLITION PLAN
 BLOCK 3901, LOT 29
 MONROE TOWNSHIP
 GLOUCESTER COUNTY, NEW JERSEY

JOSEPH H. MAFFEI

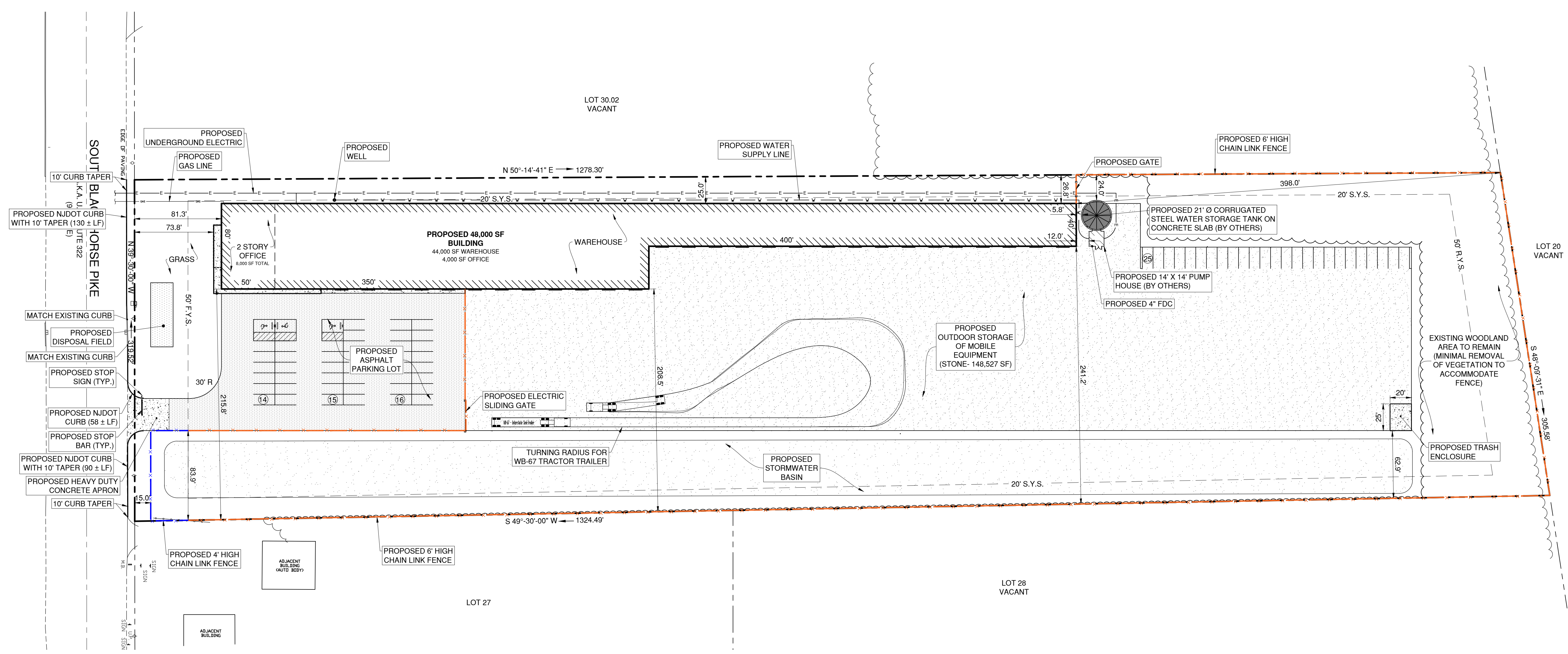
PROFESSIONAL ENGINEER
 N.J.P.E. LIC. #37894

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REVISION	DATE	BY
REV. FOR SESC SUB.	10/29/20	MAJ
REV. PER BOARD ENG. & PLANNER REPORTS	10/5/20	MAJ
REV. PER TWP & COUNTY SUBMISSION	12/18/19	MAJ



DATE: 6/19/19	DRAWN BY: MAJ
SCALE: 1" = 80'	CHECKED BY: JHM
PROJECT #: 8146	SHEET: 2 OF 12



PRELIMINARY PLAT - SITE PLAN

EDA Engineering Design Associates, P.A.
 Engineers, Environmental Planners, Landscape Architects
 CAMBRIDGE PROFESSIONAL OFFICES
 5 Cambridge Drive Ocean View, New Jersey 08230
 (609) 390-0332 • Fax (609) 390-9204
 CERTIFICATE OF AUTHORIZATION: 26342/2020

SITE PLAN
 BLOCK 3901, LOT 29
 MONROE TOWNSHIP
 GLOUCESTER COUNTY, NEW JERSEY

JOSEPH H. MAFFEI
 PROFESSIONAL ENGINEER
 N.J.P.E. LIC. #37894

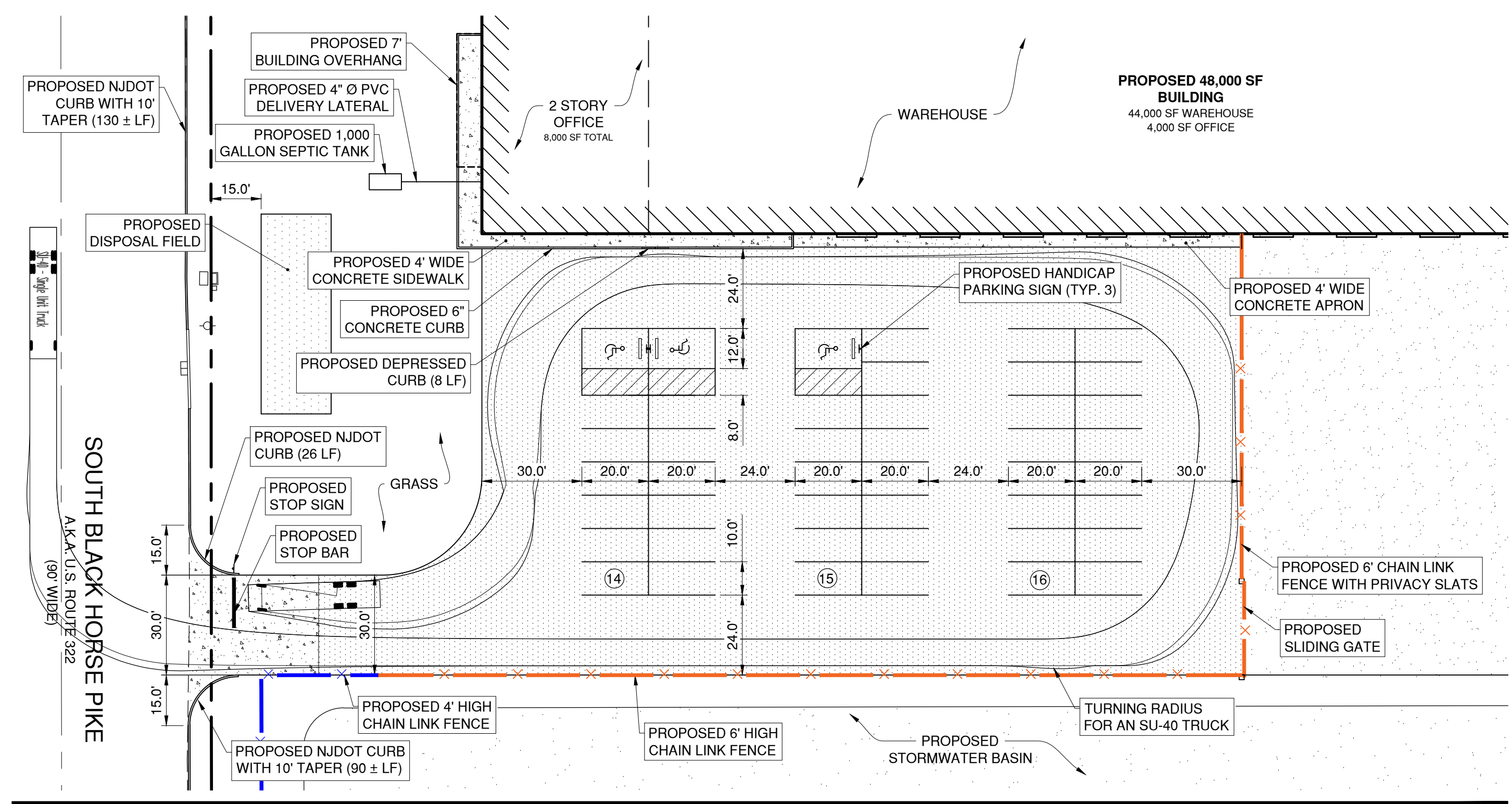
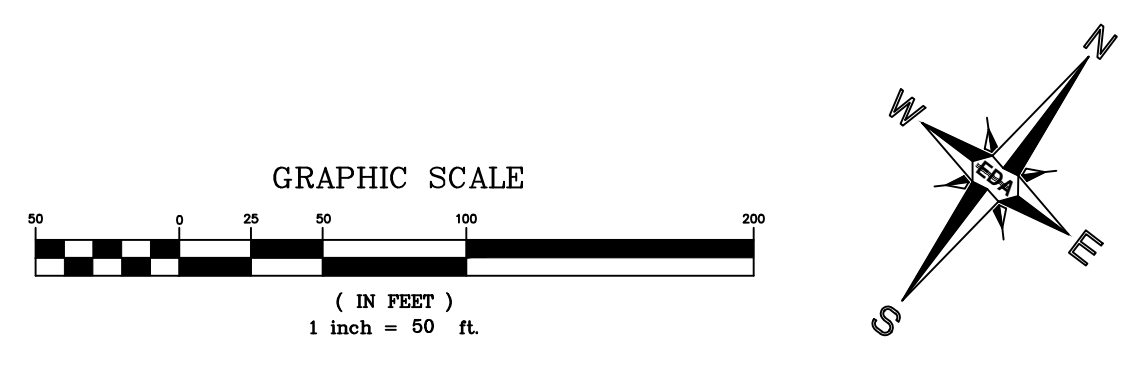
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REVISION	DATE	BY
REV. PER APPLICANT	10/7/2024	MAJ
REV. FENCE PER APPLICANT	11/9/23	MAJ
REV. PER NJDOT	3/18/21	MAJ
REV. PER BOARD PLANNER	2/11/21	MAJ
REV. PER RESOLUTION	12/22/20	MAJ
REV. PER BOARD ENG. & PLANNER REPORTS	10/5/20	MAJ
REV. PER BOARD ENG. & PLANNER REPORTS	9/23/20	MAJ
REV. PER TWP & COUNTY SUBMISSION	12/18/19	MAJ
REV. PER NJ PINELANDS COMMISSION	10/2/19	MAJ
REV. PER NJ PINELANDS COMMISSION	8/7/19	MAJ



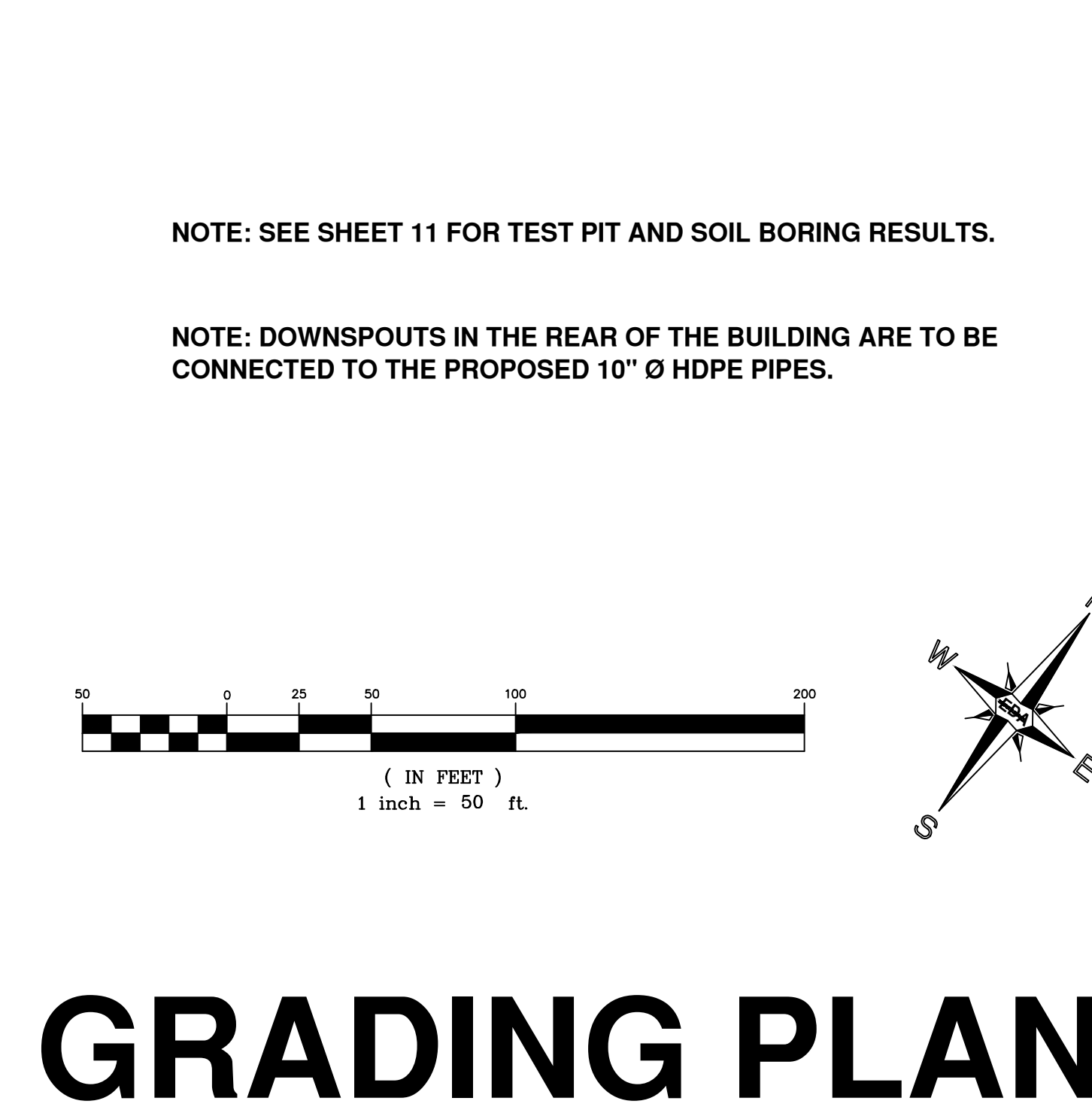
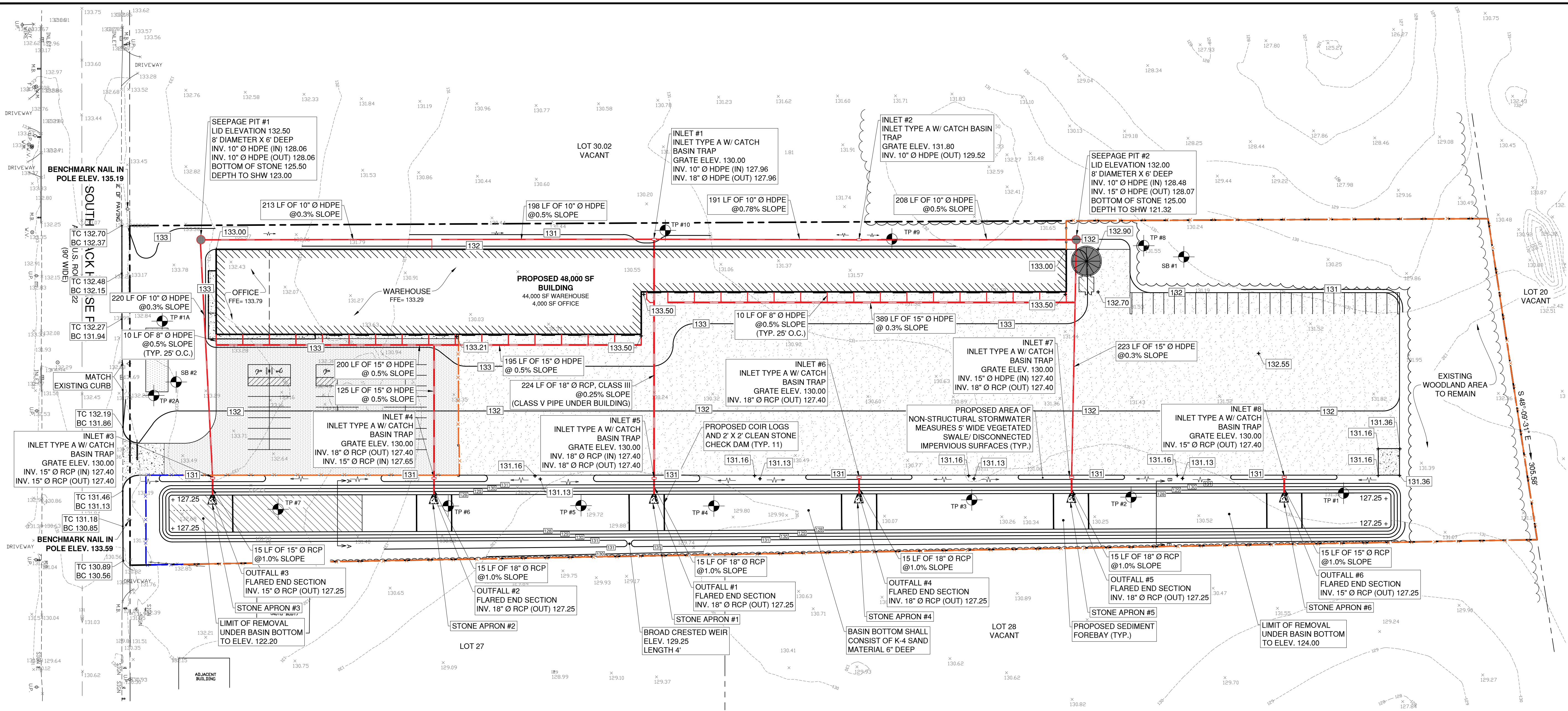
DATE: 6/19/19	DRAWN BY: MAJ
SCALE: AS NOTED	CHECKED BY: JHM
PROJECT #: 8146	SHEET: 3 OF 12

- NOTE: SEE NJDOT PLAN (SHEET 7) FOR SIGHT TRIANGLE.
- NOTE: SEE SHEET 11 FOR RODENT CONTROL NOTES.
- NOTE: SEPARATE UTILITY PERMIT APPLICATIONS WILL BE REQUIRED FOR EACH PROPOSED UTILITY WORK (GAS, ELECTRIC, WATER, SEWER ETC.) AND APPLICANT HAS TO BE THE RESPECTIVE UTILITY COMPANY.
- NOTE: CONSTRUCT NJDOT STANDARD 4" REVEAL CONCRETE CURB ALONG ENTIRE FRONTAGE OF PROPERTY ALONG ROUTE 322 WB WITH 10' TAPER ON BOTH SIDES OF DRIVEWAY.



SITE PLAN PARKING ENLARGEMENT 1"=30'

SITE PLAN



TEST PIT #1A

DEPTH	DESCRIPTION
0'- 10"	10YR 4/2 Dark Grayish Brown, Sandy Loam, Subangular Blocky, Friable
10'- 20"	10YR 6/4 Light Yellowish Brown, Sandy Loam, Subangular Blocky, Friable
20'- 48"	7.5YR 6/8 Reddish Yellow, Sandy Clay Loam, Subangular Blocky, Friable
48'- 110"	10YR 7/6 Yellow, Sandy Loam, Subangular Blocky, Friable
110'- 150"	10YR 7/4 Very Pale Brown, Loamy Sand, Subangular Blocky, Friable w/mottles of 10YR 7/1 Light Gray, Few, Fine & Faint

Depth of Seasonal High Water: 110"
 Depth of Groundwater: >150"
 Date Performed: 11/13/2020
 Waived By: Gloucester County Health Dept.
 Performed By: Christopher J. Carey, LLA
 Existing Grade Elevation: 133.50

TEST PIT #2A

DEPTH	DESCRIPTION
0'- 12"	10YR 4/2 Dark Grayish Brown, Sandy Loam, Subangular Blocky, Friable
12'- 33"	10YR 6/4 Light Yellowish Brown, Sandy Loam, Subangular Blocky, Friable
33'- 72"	10YR 6/6 Brownish Yellow, Sandy Loam, Subangular Blocky, Friable
72'- 118"	7.5YR 6/8 Reddish Yellow, Sandy Clay Loam, Subangular Blocky, Friable
118'- 140"	7.5YR 6/6 Reddish Yellow, Sandy Clay Loam, Subangular Blocky, Friable w/mottles of 10YR 7/1 Light Gray, Few, Fine & Faint
140'- 154"	10YR 7/3 Very Pale Brown, Loamy Sand, Subangular Blocky, Friable w/mottles of 10YR 8/1 White, Common, Medium & Distinct

Depth of Seasonal High Water: 118"
 Depth of Groundwater: >154"
 Date Performed: 11/13/2020
 Waived By: Gloucester County Health Dept.
 Performed By: Christopher J. Carey, LLA
 Existing Grade Elevation: 132.50

GRADING PLAN ENLARGEMENT 1"=30'

GRADING PLAN

PRELIMINARY PLAT - SITE PLAN

EDA Engineering Design Associates, P.A.
 Cambridge Professional Offices
 6001 300-9332
 6001 300-9332
 CERTIFICATE OF AUTHORIZATION: 246A2970300

GRADING & DRAINAGE PLAN
 BLOCK 3901, LOT 29
 MONROE TOWNSHIP
 GLOUCESTER COUNTY, NEW JERSEY

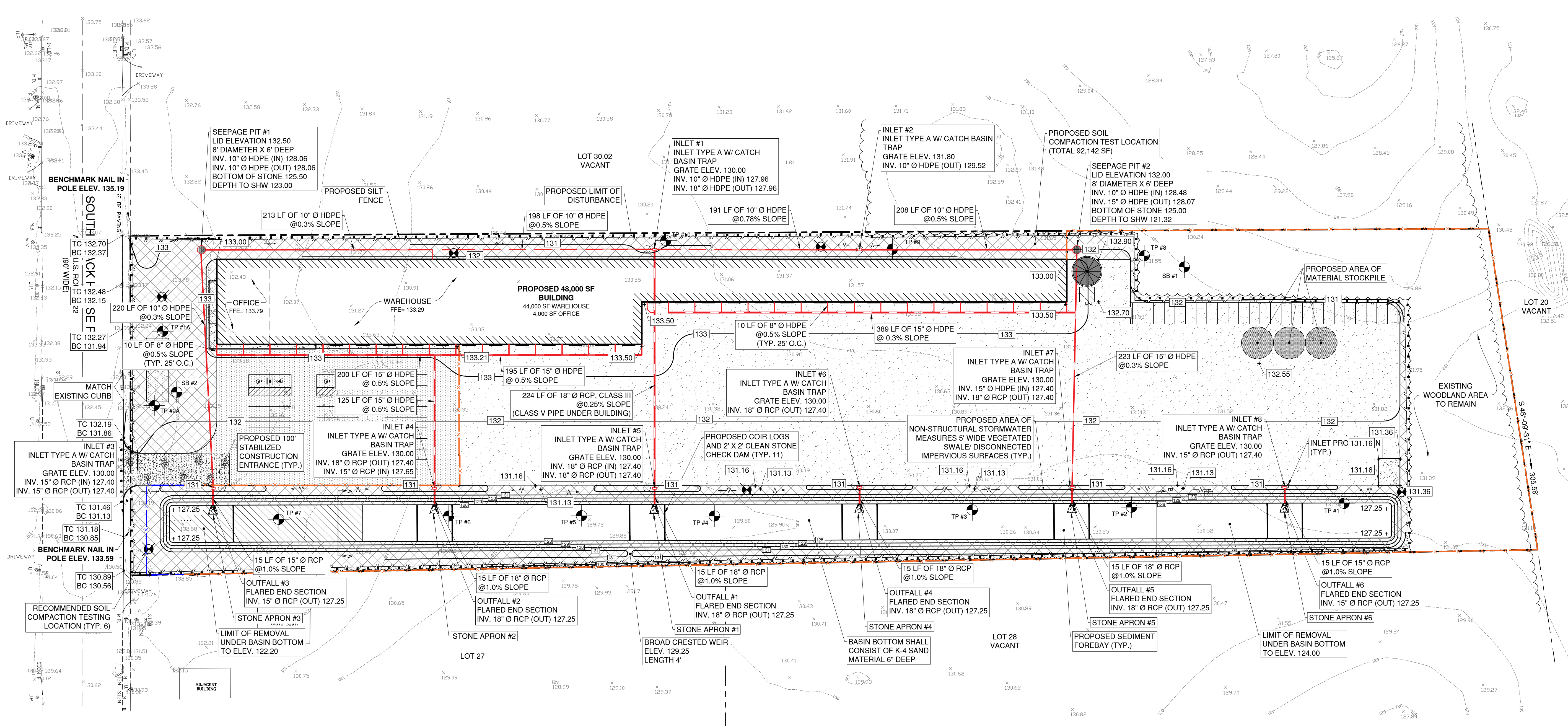
JOSEPH H. MAFFEI
 PROFESSIONAL ENGINEER
 N.J.P.E. LIC. #37894

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REVISION	DATE	BY
REV. PER APPLICANT	12/4/2023	MAJ
REV. PER STORM WATER	9/06/22	PTJ
REV. PER NJDOT	3/18/21	MAJ
REV. PER RESOLUTION	12/22/20	MAJ
REV. PER BOARD ENG. & PLANNER REPORTS	10/5/20	MAJ
REV. PER BOARD ENG. & PLANNER REPORTS	9/23/20	MAJ
REV. PER TWP & COUNTY SUBMISSION	12/18/19	MAJ
REV. PER NJ PINELANDS COMMISSION	10/2/19	MAJ
REV. PER NJ PINELANDS COMMISSION	8/7/19	MAJ



DATE: 6/19/19	DRAWN BY: MAJ
SCALE: 1" = 50'	CHECKED BY: JHM
PROJECT #: 8146	SHEET: 4 OF 12



PRELIMINARY PLAT - SITE PLAN

EDA Engineering Design Associates, P.A.
 Environmental Planners, Landscape Architects
 CAMBRIDGE PROFESSIONAL OFFICES
 5 Cambridge Drive Ocean View, New Jersey 08230
 (609) 390-0332 • Fax (609) 390-9204
 CERTIFICATE OF AUTHORIZATION: 2634270360

SOIL EROSION & SEDIMENT CONTROL
 BLOCK 3901, LOT 29
 MONROE TOWNSHIP
 GLOUCESTER COUNTY, NEW JERSEY

JOSEPH H. MAFFEI
 PROFESSIONAL ENGINEER
 N.J.P.E. LIC. #37894

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REVISION	DATE	BY
REV. PER APPLICANT	12/4/2023	MAJ
REV. FOR SECC SUB.	10/29/20	MAJ
REV. PER BOARD ENG. & PLANNER REPORTS	10/5/20	MAJ
REV. PER BOARD ENG. & PLANNER REPORTS	9/23/20	MAJ
REV. PER TWP & COUNTY SUBMISSION	12/18/19	MAJ
REV. PER NJ PINELANDS COMMISSION	10/2/19	MAJ
REV. PER NJ PINELANDS COMMISSION	8/7/19	MAJ

SOIL EROSION NOTES:
 A REPORT OF COMPLIANCE MUST BE OBTAINED FROM THE DISTRICT PRIOR TO RECEIVING A CERTIFICATE OF OCCUPANCY FROM THE MUNICIPALITY. A REQUEST FOR A DISTRICT INSPECTION FOR THE RELEASE OF A REPORT OF COMPLIANCE MUST BE MADE 5 WORKING DAYS IN ADVANCE. THIS APPLIES TO BOTH COMPLETE (FINAL) AND CONDITIONAL (TEMPORARY) CERTIFICATES. ALL STREETS AND UNITS MUST BE PROPERLY IDENTIFIED. A REPORT OF COMPLIANCE WILL NOT BE RELEASED FOR A UNIT IF IT CAN NOT BE IDENTIFIED. IDENTIFY ALL UNITS AT THE SITE BY BLOCK, LOT AND STREET ADDRESS.

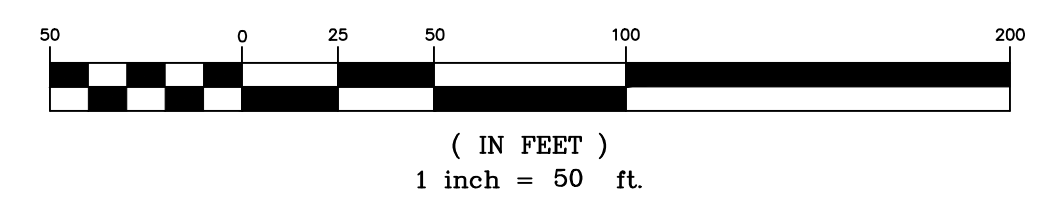
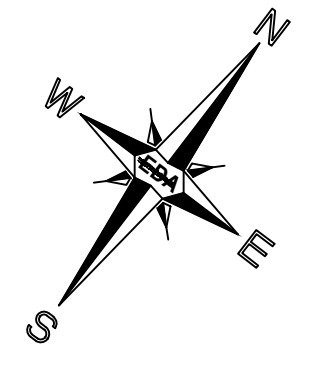
REMOVE ALL SEDIMENT THAT MAY BE SPILLED, DROPPED OR TRACKED OFF THE PROJECT SITE. ALL PAVED RIGHTS OF WAY ADJACENT TO THE PROJECT SITE MUST BE MAINTAINED IN A CLEAN, SWEEP CONDITION THROUGHOUT CONSTRUCTION. IT MAY BE NECESSARY TO INSTALL CRUSHED STONE PAD(S) TO HELP REDUCE OFF SITE TRACKING OF SEDIMENT.

THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORM WATER OUTFALLS OR OFFSITE AS A RESULT OF CONSTRUCTION OF THE PROJECT.

- TOPSOIL & SOIL DE-COMPACTION REQUIREMENTS**
- A minimum of 5 inches of topsoil is required on areas to be vegetated to improve the soil medium for plant establishment and maintenance per Chapter 8 of the "Standards for Soil Erosion and Sediment Control in New Jersey" dated July 2017.
 - Subgrade soils shall be free of excessive compaction to a depth of 6 inches to enhance the establishment of permanent vegetative cover per Chapter 19 of the "Standards for Soil Erosion and Sediment Control in New Jersey" dated July 2017.
 - Subsoils are to be proactively de-compacted or soil compaction tested prior to the application of topsoil. Compaction testing method/procedure shall be performed per Chapter 19 by the contractor or other project owner's representative. If the testing indicates subsoil compaction, the subsoil shall be de-compacted to a depth of 6 inches prior to the application of topsoil.
 - If compaction testing is not performed, subsoils shall be scarified/tilled to a minimum depth of 6 inches as part of the sequence of construction where there is no danger to underground utilities (cables, irrigation systems, etc.). In the alternative, another method as specified by a New Jersey Licensed Professional Engineer maybe substituted subject to District approval.

LEGEND:

- SOIL COMPACTION TESTING AREA TOTAL 92,142 SF (2.12 Acres)
- RECOMMENDED SOIL COMPACTION TEST LOCATION



Soil De-compaction and Testing Requirements

Soil Compaction Testing Requirements

- Subgrade soils prior to the application of topsoil (see permanent seeding and stabilization notes for topsoil requirements) shall be free of excessive compaction to a depth of 6.0 inches to enhance the establishment of permanent vegetative cover.
- Areas of the site which are subject to compaction testing and/or mitigation are **graphically denoted** on the certified soil erosion control plan.
- Compaction testing locations are denoted on the plan. A copy of the plan or portion of the plan shall be used to mark locations of tests, and attached to the compaction mitigation form, available from the local soil conservation district. This form must be filled out and submitted prior to receiving a certificate of compliance from the district.
- In the event that testing indicates compaction in excess of the maximum thresholds indicated for the simplified testing methods (see details below), the contractor/owner shall have the option to perform either (1) compaction mitigation over the entire mitigation area denoted on the plan (excluding exempt areas), or (2) perform additional, more detailed testing to establish the limits of excessive compaction whereupon only the successively compacted area would require compaction mitigation. Additional detailed testing shall be performed by a trained, licensed professional.

Compaction Testing Methods

- Probing Wire Test (see detail)
- Hand-held Penetrometer Test (see detail)
- Tube Bulk Density Test (licensed professional engineer required)
- Nuclear Density Test (licensed professional engineer required)

Note: Additional testing methods which conform to ASTM standards and specifications, and which produce a dry weight, soil bulk density measurement may be allowed subject to District approval.

Soil compaction testing is not required if/when subsoil compaction remediation (scarification/tillage (6" minimum depth) or similar) is proposed as part of the sequence of construction.

Procedures for Soil Compaction Mitigation

Procedures shall be used to mitigate excessive soil compaction prior to placement of topsoil and establishment of permanent vegetative cover.

Restoration of compacted soils shall be through deep scarification/tillage (6" minimum depth) where there is no danger to underground utilities (cables, irrigation systems, etc.). In the alternative, another method as specified by a New Jersey Licensed Professional Engineer maybe substituted subject to District Approval.

Probing Wire Test- 15.5 ga steel wire (survey flag)

Note: soil should be moist but not saturated. Do not test when soil is excessively dry or subject to freezing temperatures. Slow, steady downward pressure used to advance the wire.

Wire may be re-inserted if/when an obstruction (rock, root, debris) is encountered.

Handheld Soil Penetrometer Test

Note: soil should be moist but not saturated. Do not test when soil is excessively dry or subject to freezing temperatures. Slow, steady downward pressure used to advance the probe. Probe must penetrate at least 6" with less than 300 psi reading on the gage.

Penetrometer may be re-inserted if/when an obstruction (rock, root, debris) is encountered.

*Use correct size tip for soil type

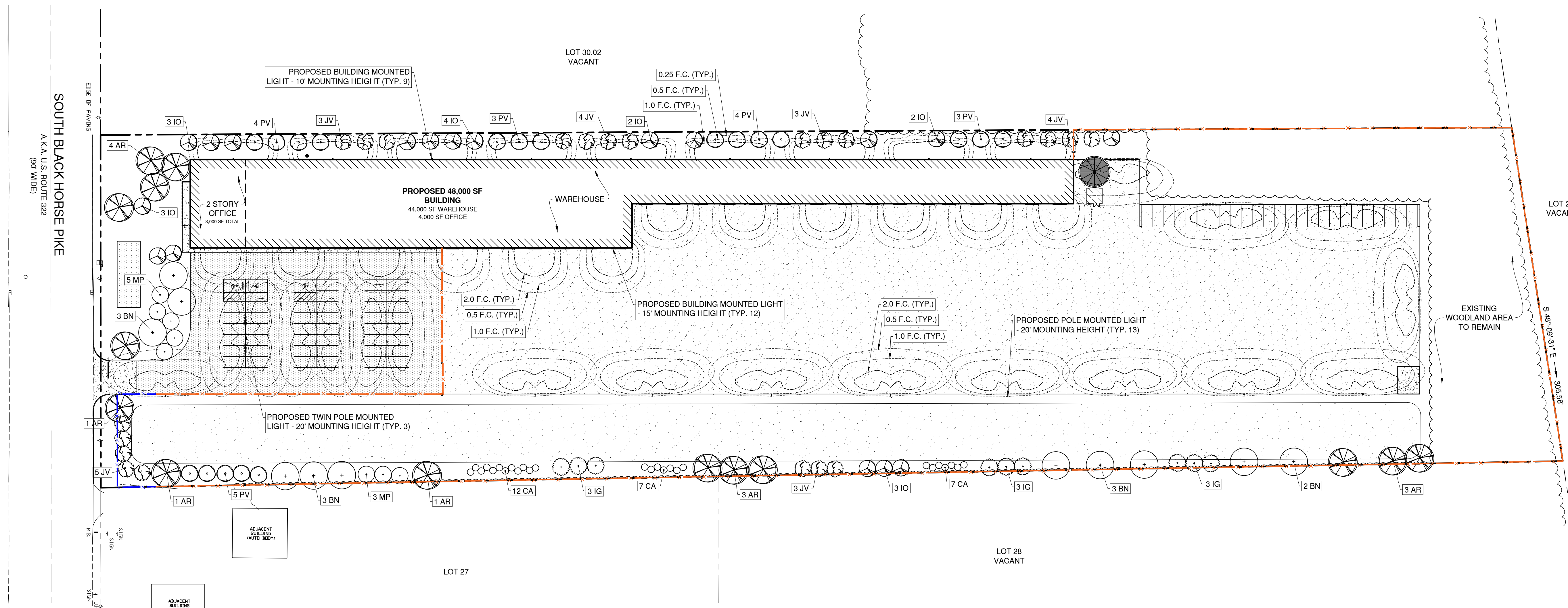
SOIL EROSION & SEDIMENT CONTROL PLAN

DATE: 6/19/19	DRAWN BY: MAJ
SCALE: 1" = 50'	CHECKED BY: JHM
PROJECT #: 8146	SHEET: 5 OF 12

LIGHTING & LANDSCAPING PLAN



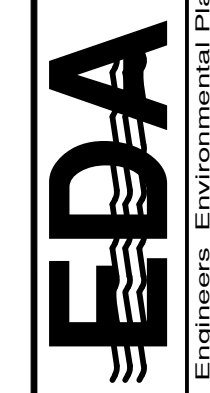
Engineers - Landscape Architects - Planners



NOTE:
TREES SHALL BE AT LEAST 10' IN HEIGHT WHEN PLANTED AND BE OF A SPECIES COMMON TO THE AREA, BE OF BALLED AND BURLAPPED NURSERY STOCK, AND BE FREE OF INSECT AND DISEASE.
ANY PLANT MATERIAL WHICH DOES NOT LIVE SHALL BE REPLACED WITHIN ONE YEAR OF ONE GROWING SEASON.

PLANT SCHEDULE					
Abbr	Botanical Name	Common Name	Quantity	Size	Comment
EVERGREEN TREES					
IO	<i>Ilex opaca</i>	American Holly	15	6'-8'	B & B
JV	<i>Juniperus virginiana</i>	Red Cedar	22	6'-8'	B & B
PV	<i>Pinus virginiana</i>	Virginia Pine	19	6'-8'	B & B
SHRUBS					
CA	<i>Clethra alnifolia</i> 'Hummingbird'	Sweet pepperbush	26	15"-18"	3 Gal.
IG	<i>Ilex glabra</i> 'Compacta'	Inkberry Holly	9	30"-36"	7 Gal.
MP	<i>Myrica pensylvanica</i>	Northern Bayberry	8	4'-5'	7 Gal.
DECIDUOUS TREES					
AR	<i>Acer Rubrum</i>	Red Maple	14	1 1/2"-2"	B & B
BN	<i>Betula Nigra</i>	River Birch	13	10'-12'	B & B

PRELIMINARY PLAT - SITE PLAN



Engineering Design Associates, P.A.
Cambridge Professional Offices
5 Cambridge Drive Ocean View, New Jersey 08230
(609) 390-0332 • Fax (609) 390-9204
CERTIFICATE OF AUTHORIZATION: 26362/10360

LIGHTING & LANDSCAPING PLAN
BLOCK 3901, LOT 29
MONROE TOWNSHIP
GLOUCESTER COUNTY, NEW JERSEY

JOSEPH H. MAFFEI
PROFESSIONAL ENGINEER
N.J.P.E. LIC. #37894

Joseph H. Maffei

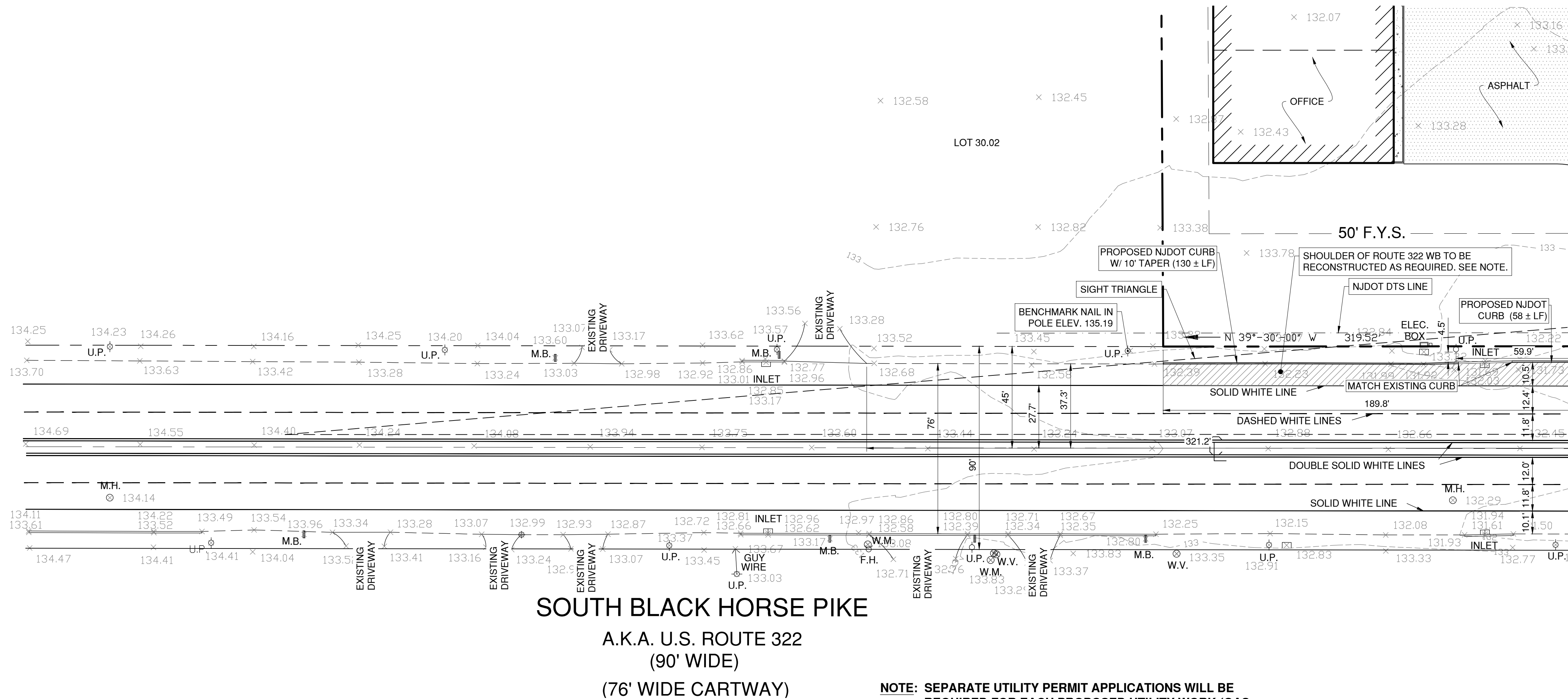
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REV. PER BOARD ENG. & PLANNER REPORTS	9/23/20	MAJ
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REV. PER NJ PINELANDS COMMISSION	10/2/19	MAJ
REV. PER NJ PINELANDS COMMISSION	8/7/19	MAJ



DATE: 6/19/19	DRAWN BY: MAJ
SCALE: AS NOTED	CHECKED BY: JHM
PROJECT #: 8146	SHEET: 6 OF 12

NJDOT PLAN S. BLACK HORSE PIKE

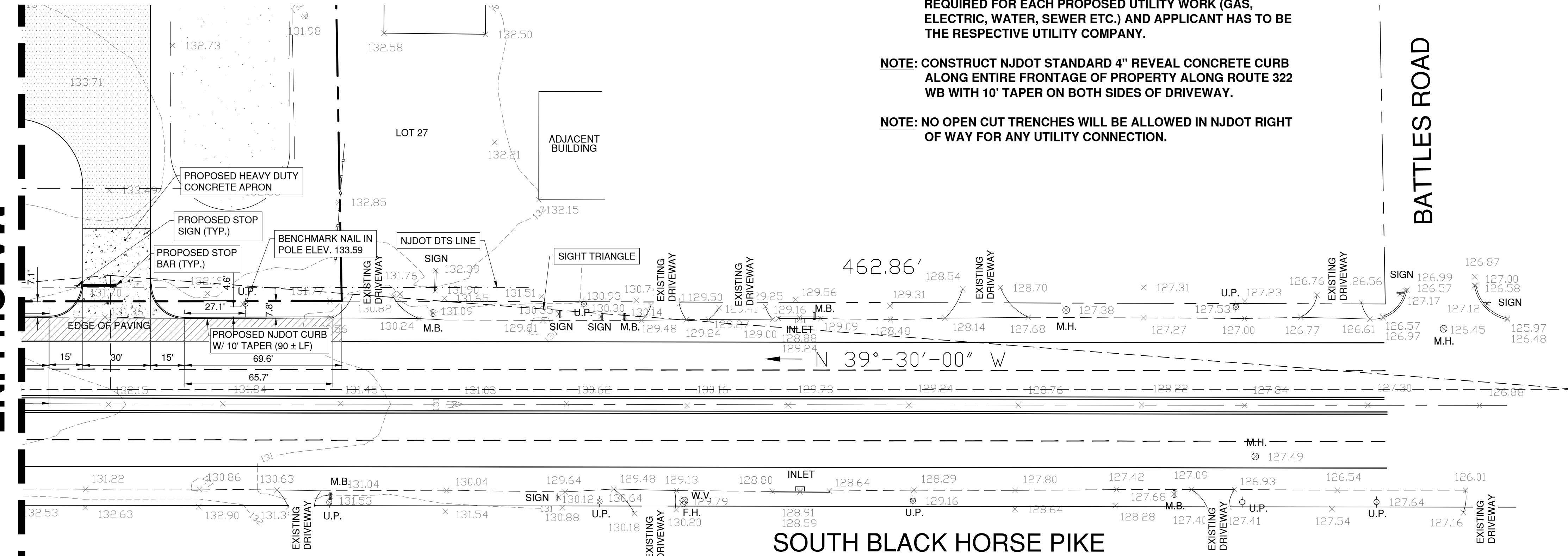


SOUTH BLACK HORSE PIKE
A.K.A. U.S. ROUTE 322
(90' WIDE)
(76' WIDE CARTWAY)

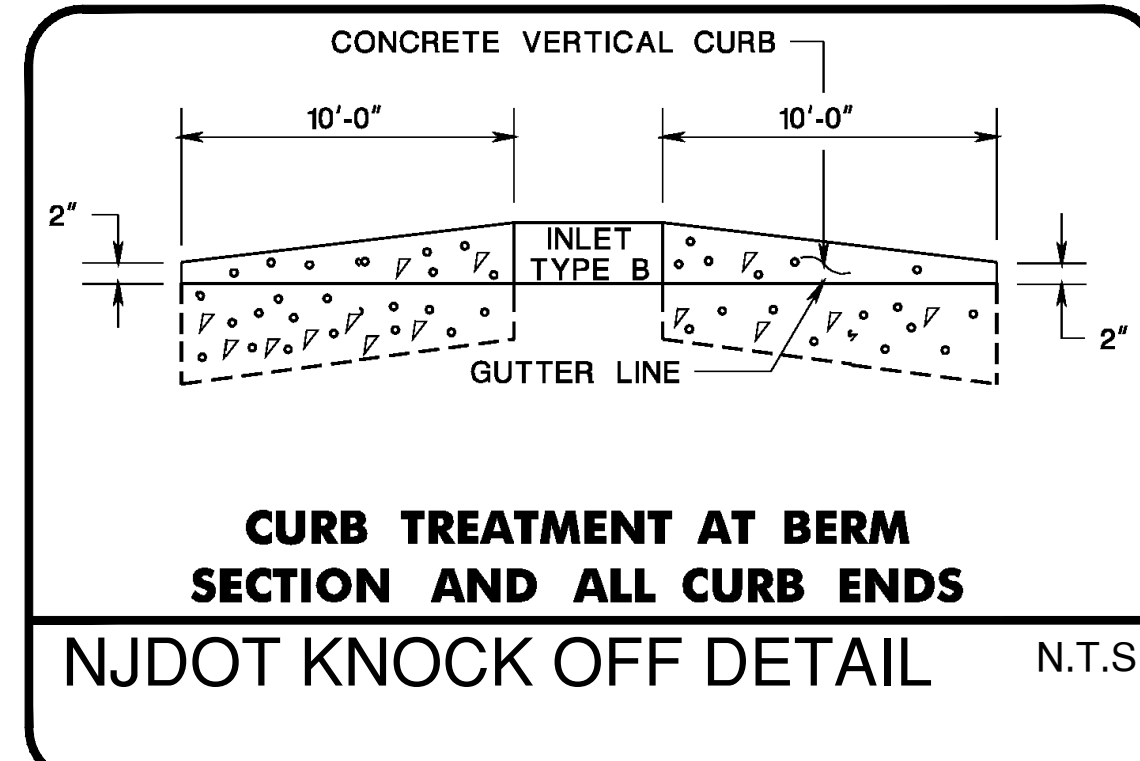
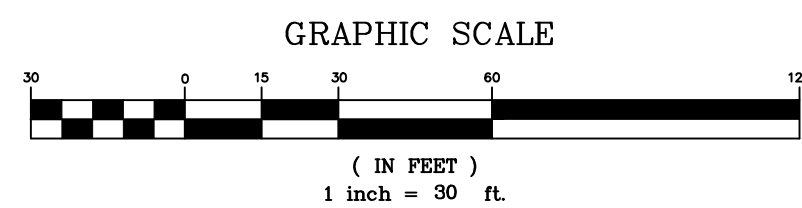
- NOTE:** SEPARATE UTILITY PERMIT APPLICATIONS WILL BE REQUIRED FOR EACH PROPOSED UTILITY WORK (GAS, ELECTRIC, WATER, SEWER ETC.) AND APPLICANT HAS TO BE THE RESPECTIVE UTILITY COMPANY.
- NOTE:** CONSTRUCT NJDOT STANDARD 4" REVEAL CONCRETE CURB ALONG ENTIRE FRONTAGE OF PROPERTY ALONG ROUTE 322 WB WITH 10' TAPER ON BOTH SIDES OF DRIVEWAY.
- NOTE:** NO OPEN CUT TRENCHES WILL BE ALLOWED IN NJDOT RIGHT OF WAY FOR ANY UTILITY CONNECTION.

MATCH LINE

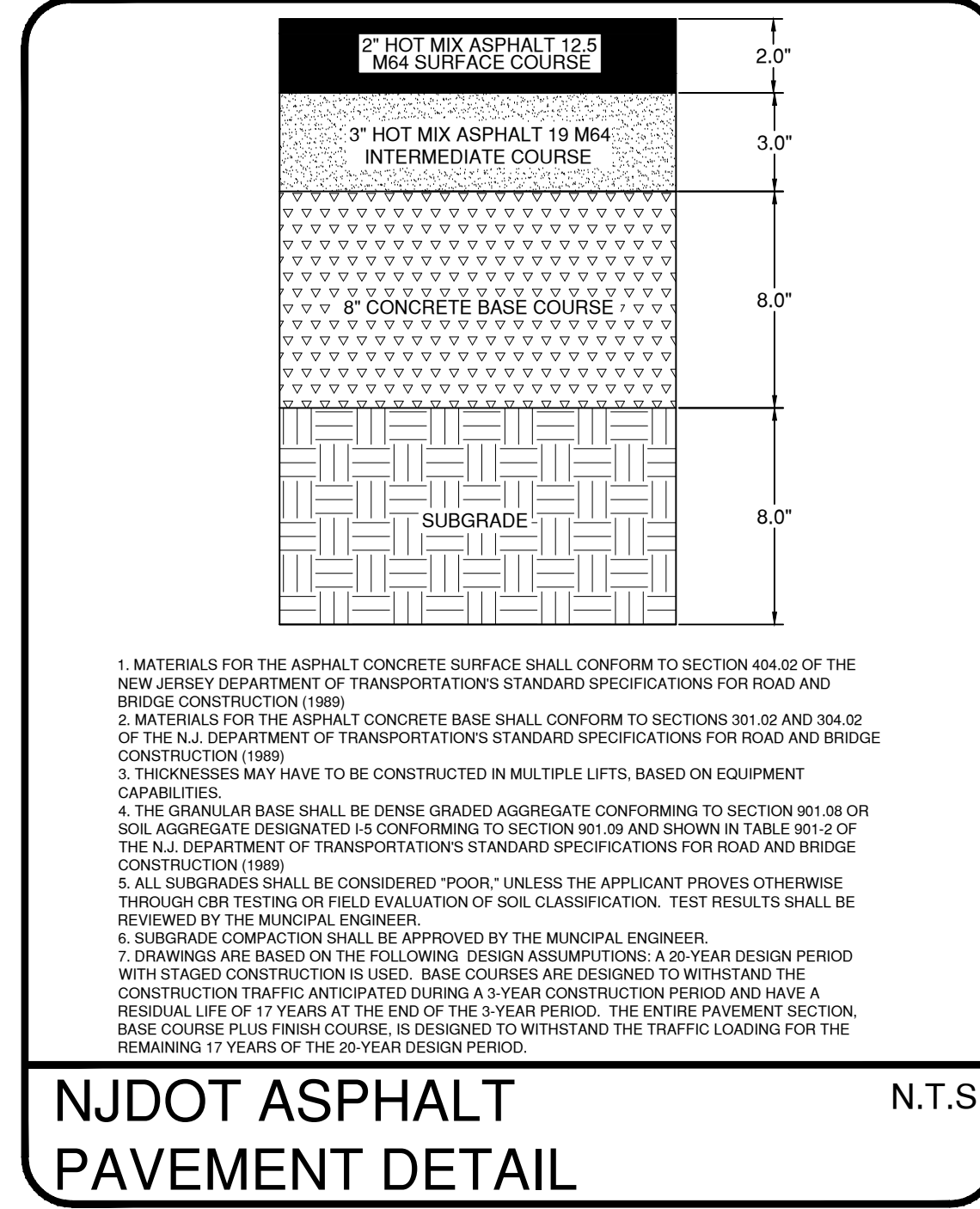
MATCH LINE



SOUTH BLACK HORSE PIKE
A.K.A. U.S. ROUTE 322
(90' WIDE)
(76' WIDE CARTWAY)



CURB TREATMENT AT BERM SECTION AND ALL CURB ENDS
NJDOT KNOCK OFF DETAIL N.T.S



NJDOT ASPHALT PAVEMENT DETAIL N.T.S

NJDOT SHOULDER RECONSTRUCTION NOTE:
THE EXISTING ROUTE 322 WB SHOULDER IS REQUIRED TO CONSIST OF FULL DEPTH PAVEMENT ALONG THE FRONTAGE OF THE PROPOSED SITE. THE EXISTING SHOULDER SHALL BE RECONSTRUCTED IF CORE SAMPLES SHOW ASPHALT DEPTH LESS THAN 8 INCHES. IF EXISTING DEPTH IS 8 INCHES, THE EXISTING SHOULDER SHALL BE MILLED AND RESURFACED.

- ROUTE 322 SHOULDER RECONSTRUCTION PAVING SECTION:**
- 2" HOT MIX ASPHALT 12.5 M64 SURFACE COURSE
 - 3" HOT MIX ASPHALT 19 M64 INTERMEDIATE COURSE
 - 8" CONCRETE BASE COURSE
 - 8" SUBBASE

IF MILLING AND PAVING IS ONLY NECESSARY ONLY 2" HOT MIX ASPHALT 12.5 M64 SURFACE COURSE WILL BE NECESSARY.

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CERTIFICATE OF AUTHORIZATION: 2636270350

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SOUTH BLACK HORSE PIKE
BLOCK 3901, LOT 29
MONROE TOWNSHIP
GLOUCESTER COUNTY, NEW JERSEY

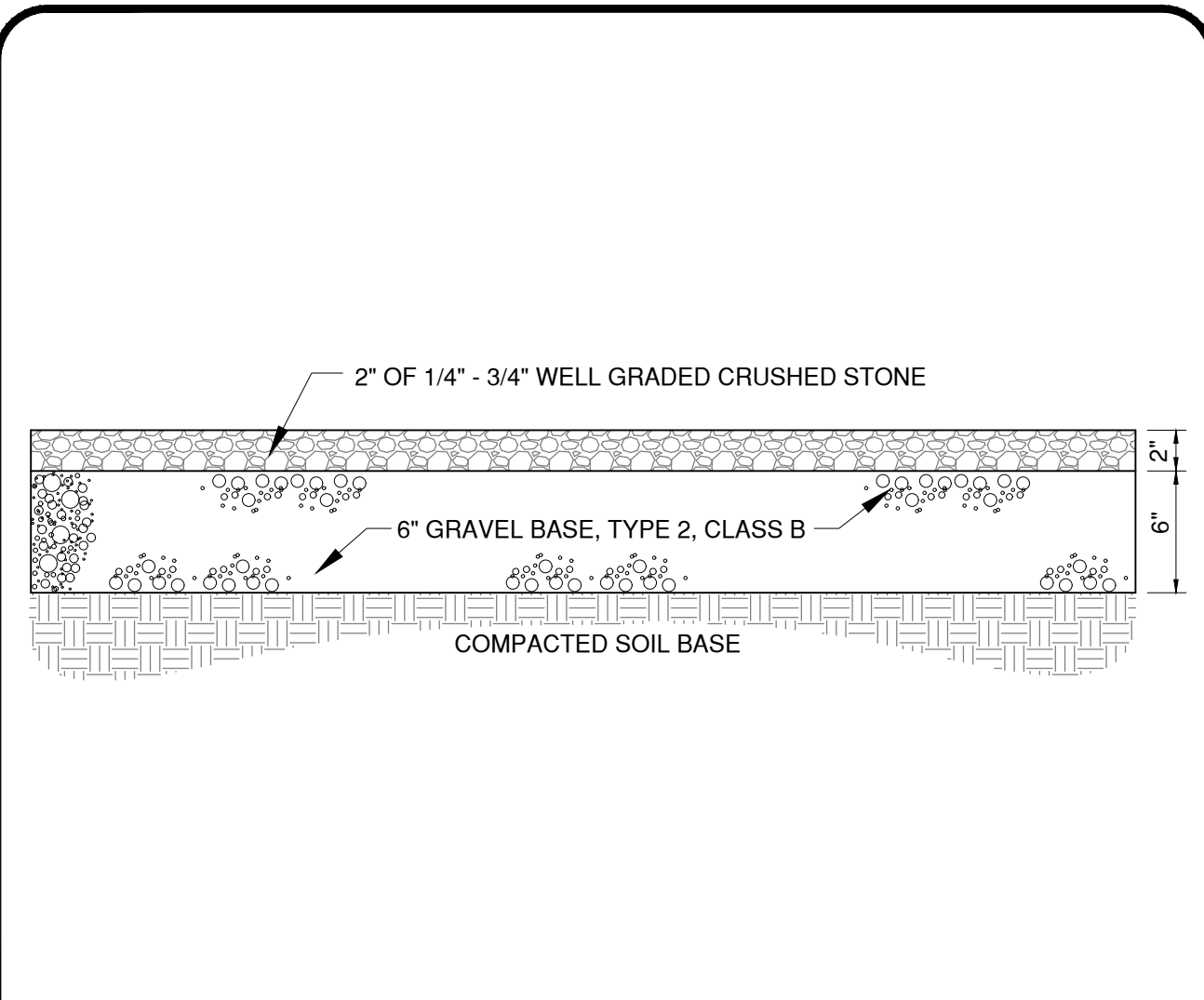
JOSEPH H. MAFFEI
PROFESSIONAL ENGINEER
N.J.P.E. LIC. #37894

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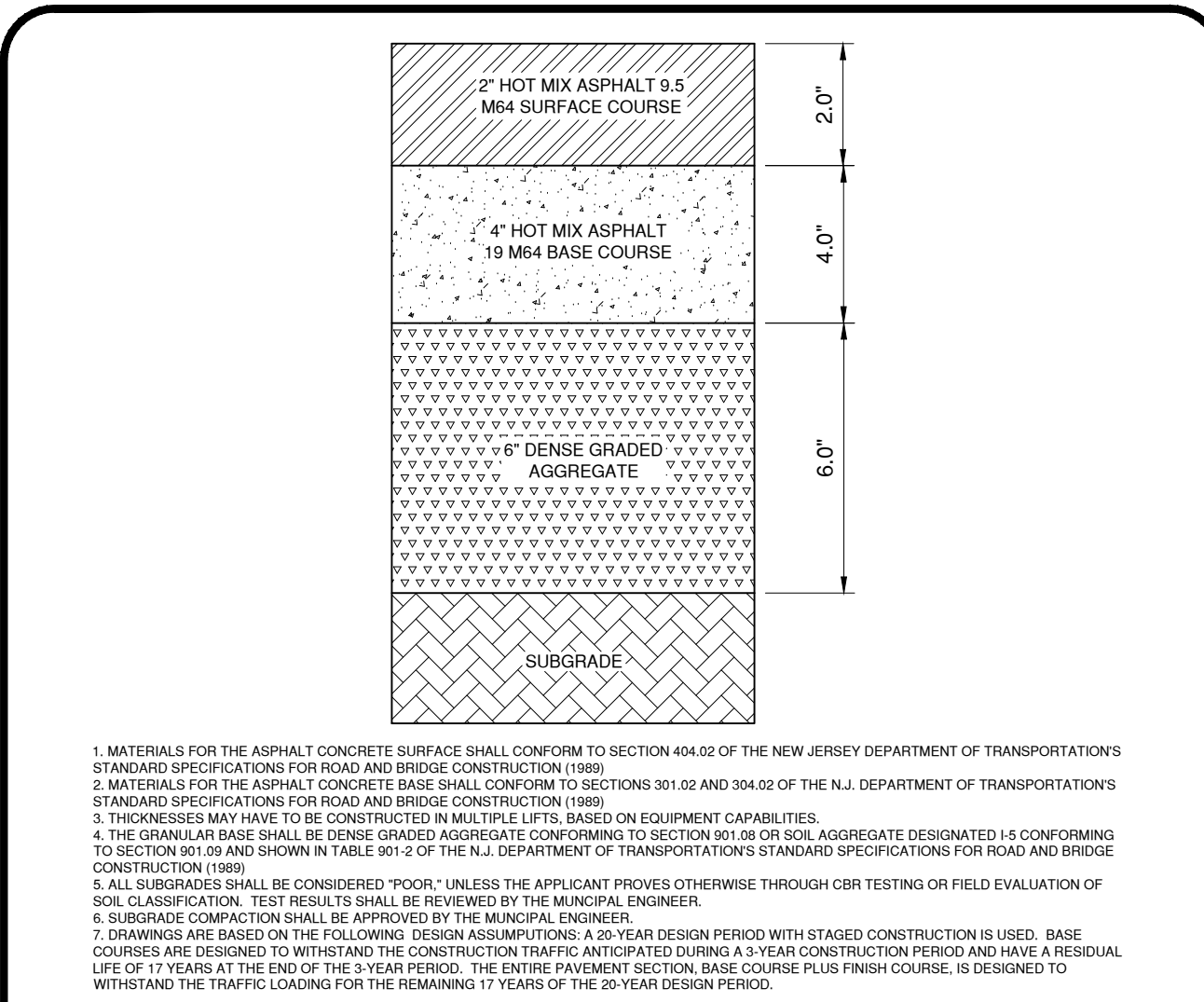
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REV. PER BOARD ENG. & PLANNER REPORTS	10/5/20	MAJ
REV. PER BOARD ENG. & PLANNER REPORTS	9/23/20	MAJ
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REV. PER NJ PINELANDS COMMISSION	8/7/19	MAJ

EDA

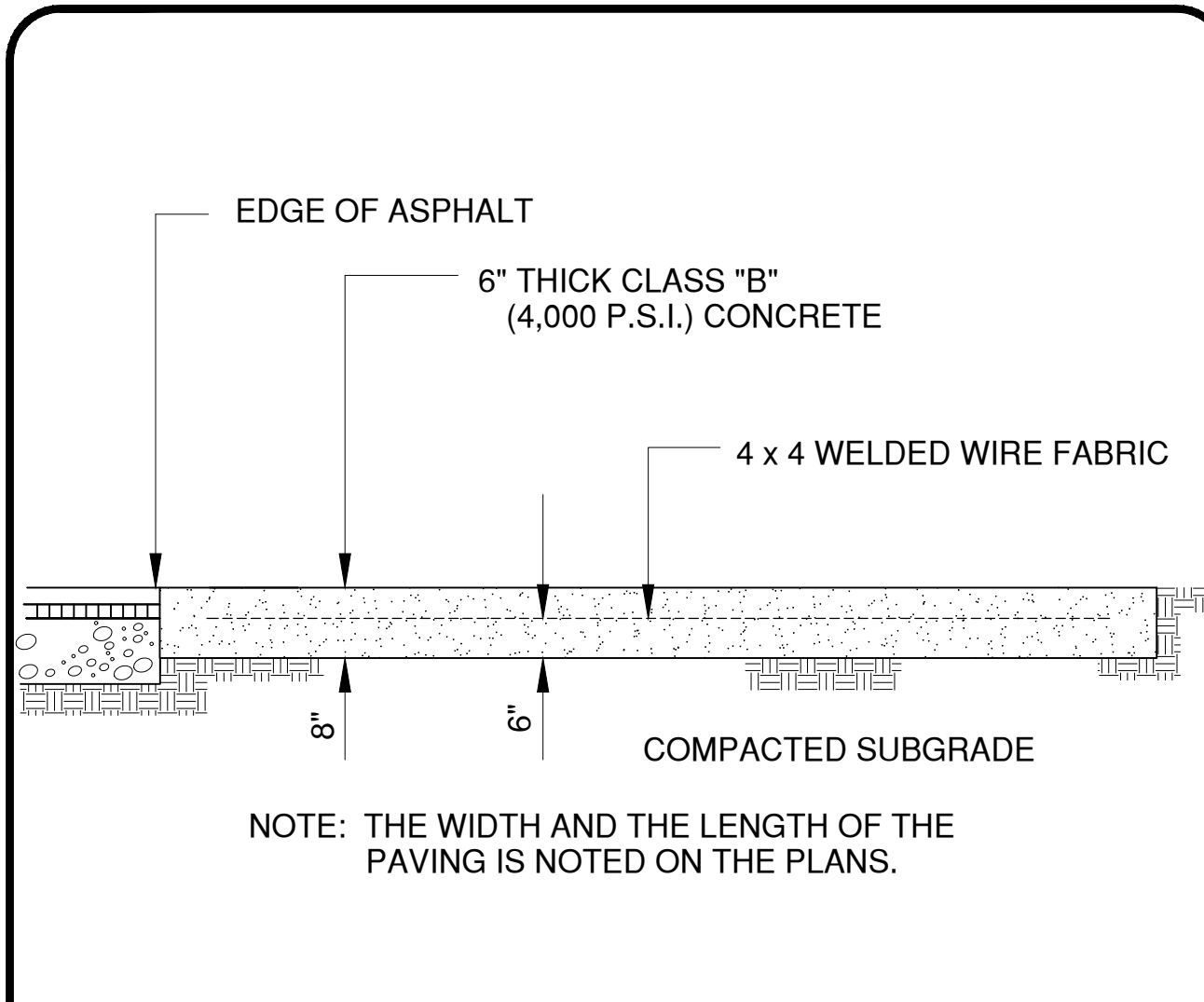
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SCALE: 1" = 30'	CHECKED BY: JHM
PROJECT #: 8146	SHEET: 7 OF 12



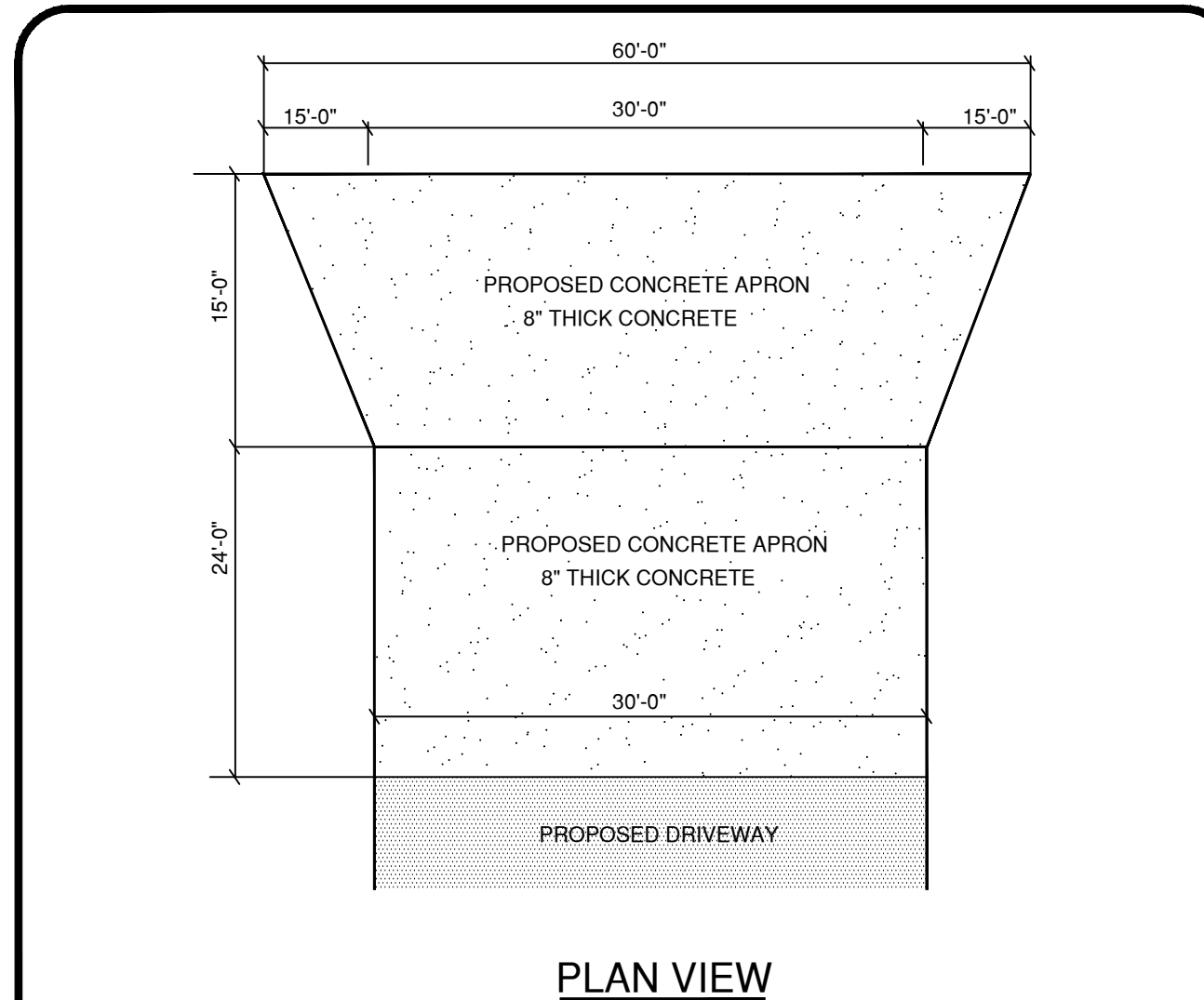
STONE PAVING DETAIL N.T.S



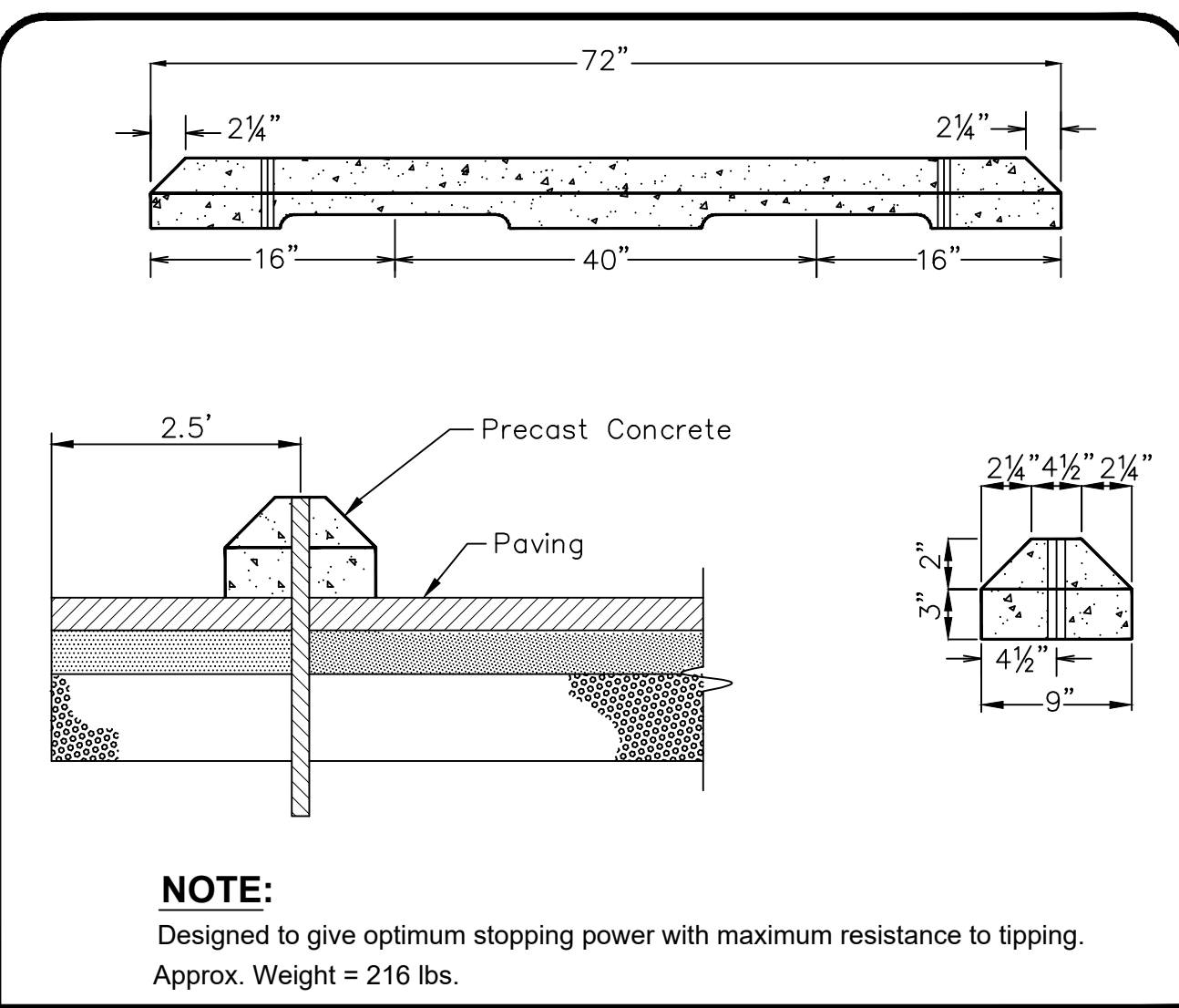
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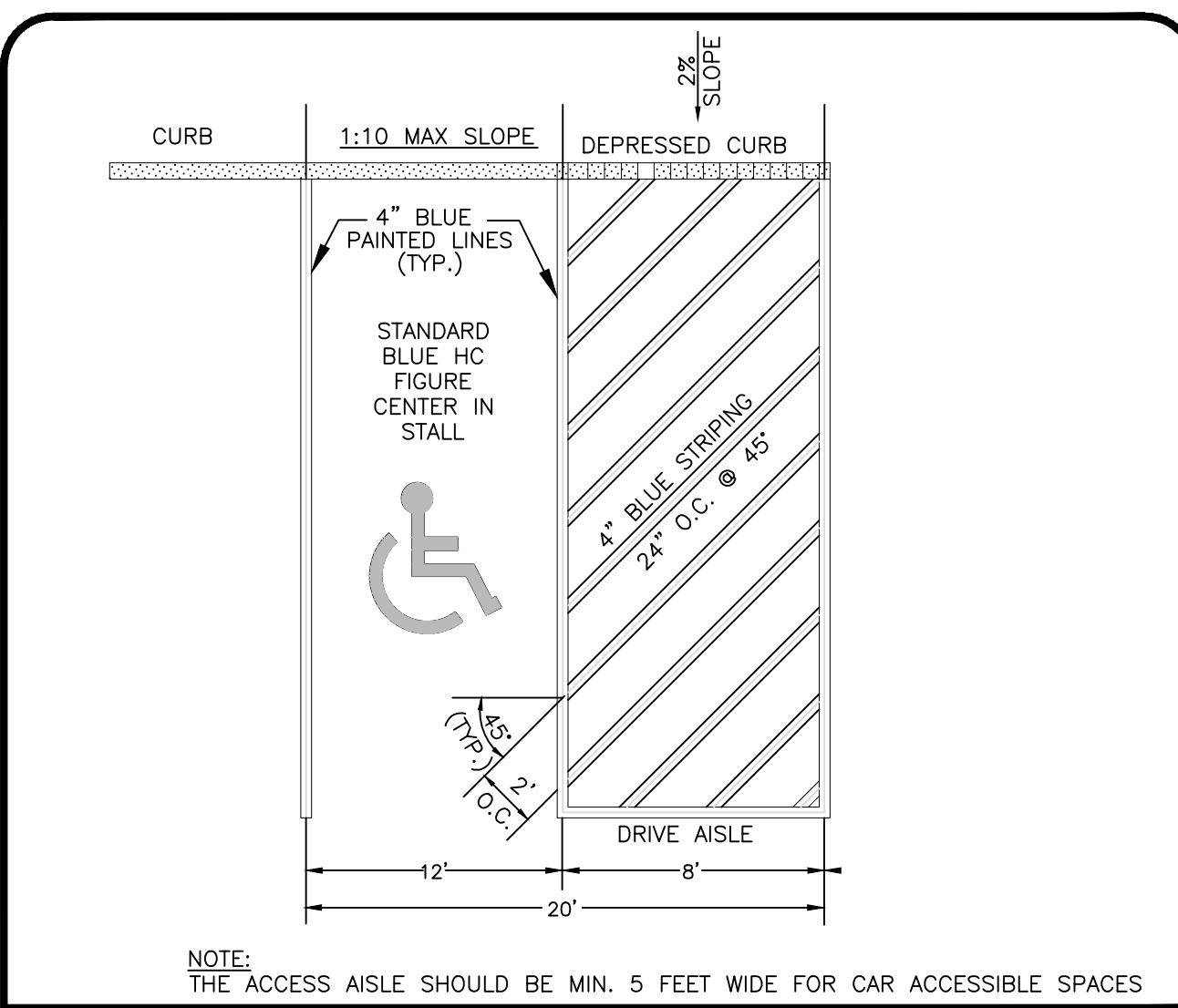
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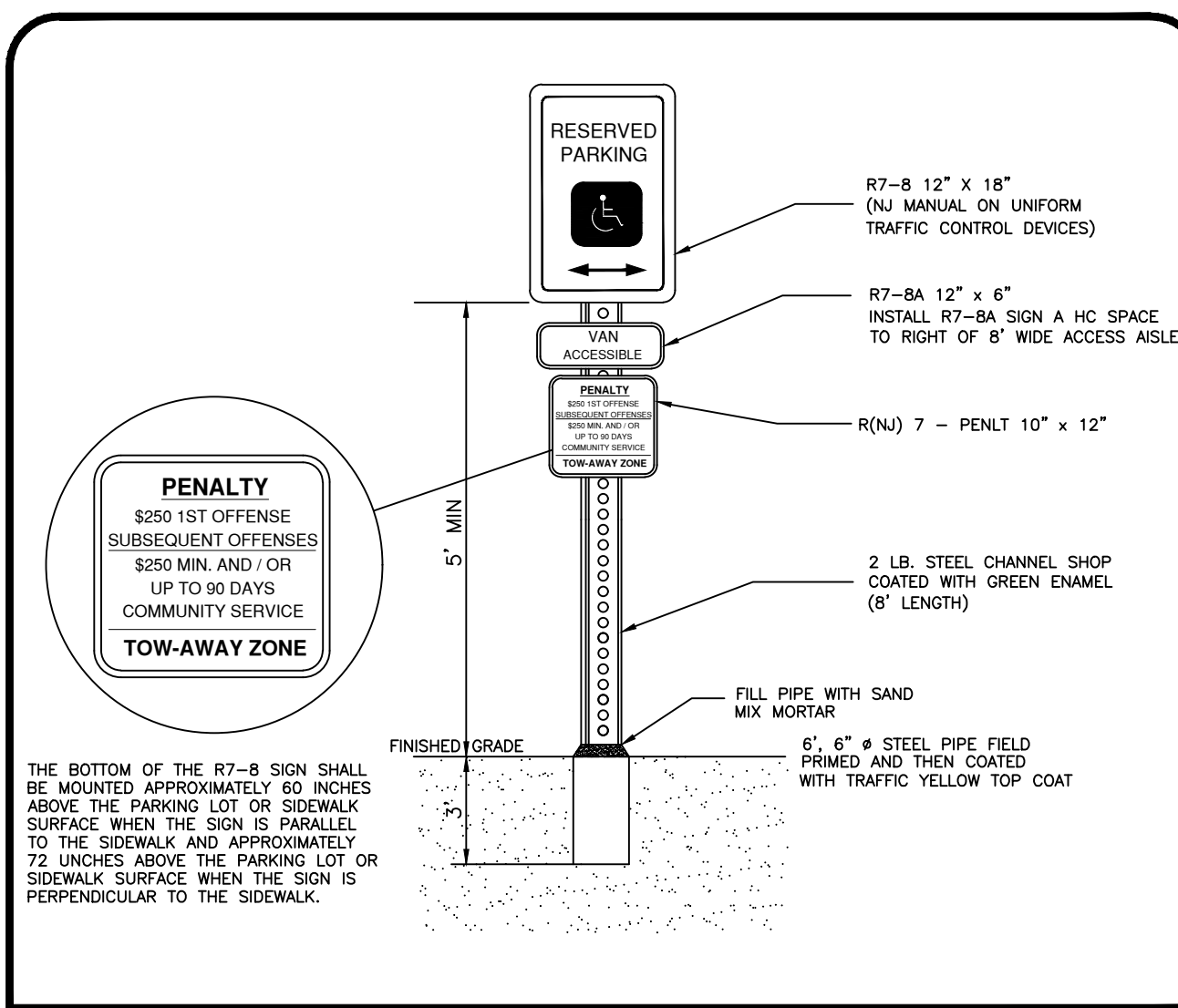
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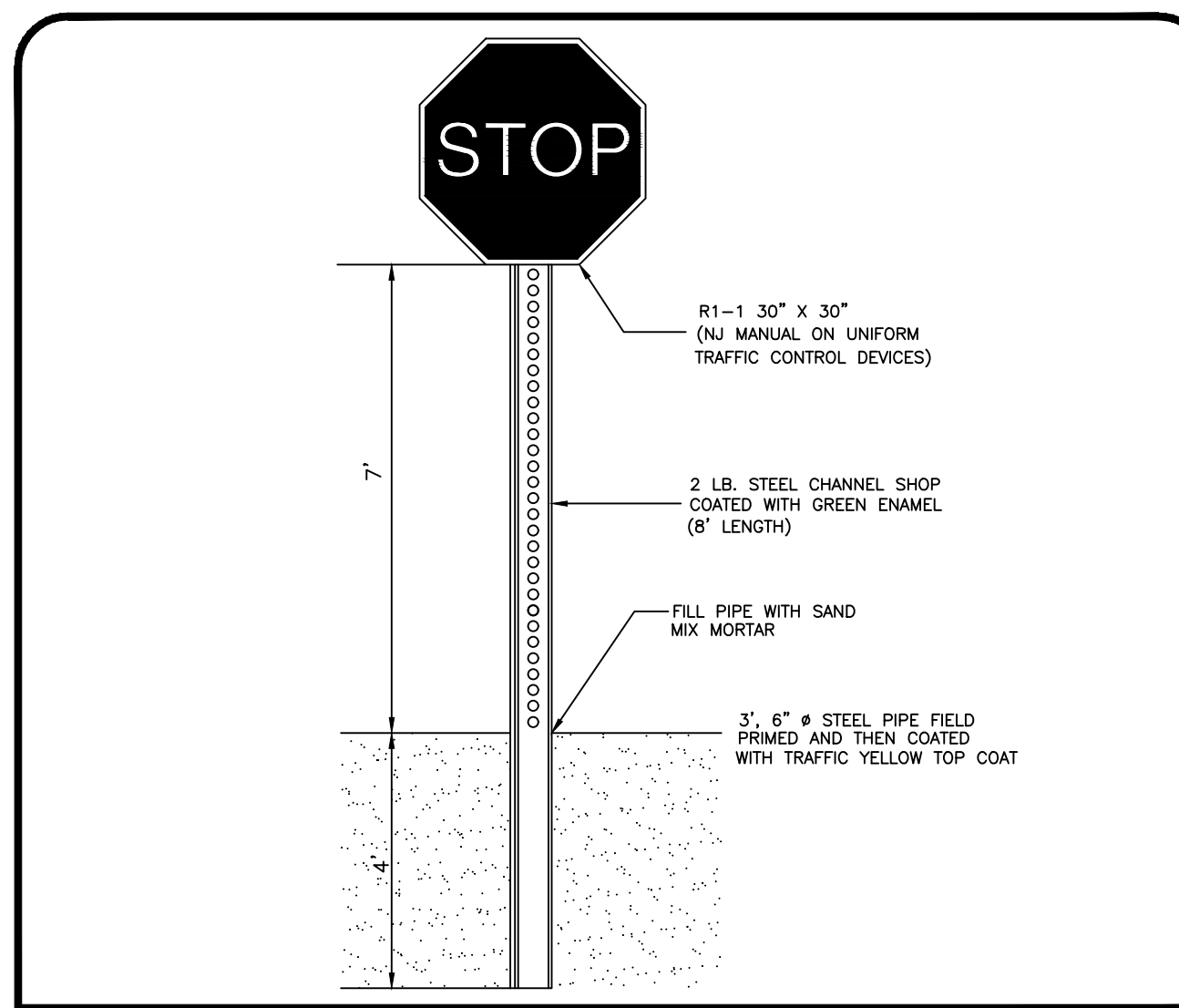
WHEEL STOP DETAIL N.T.S



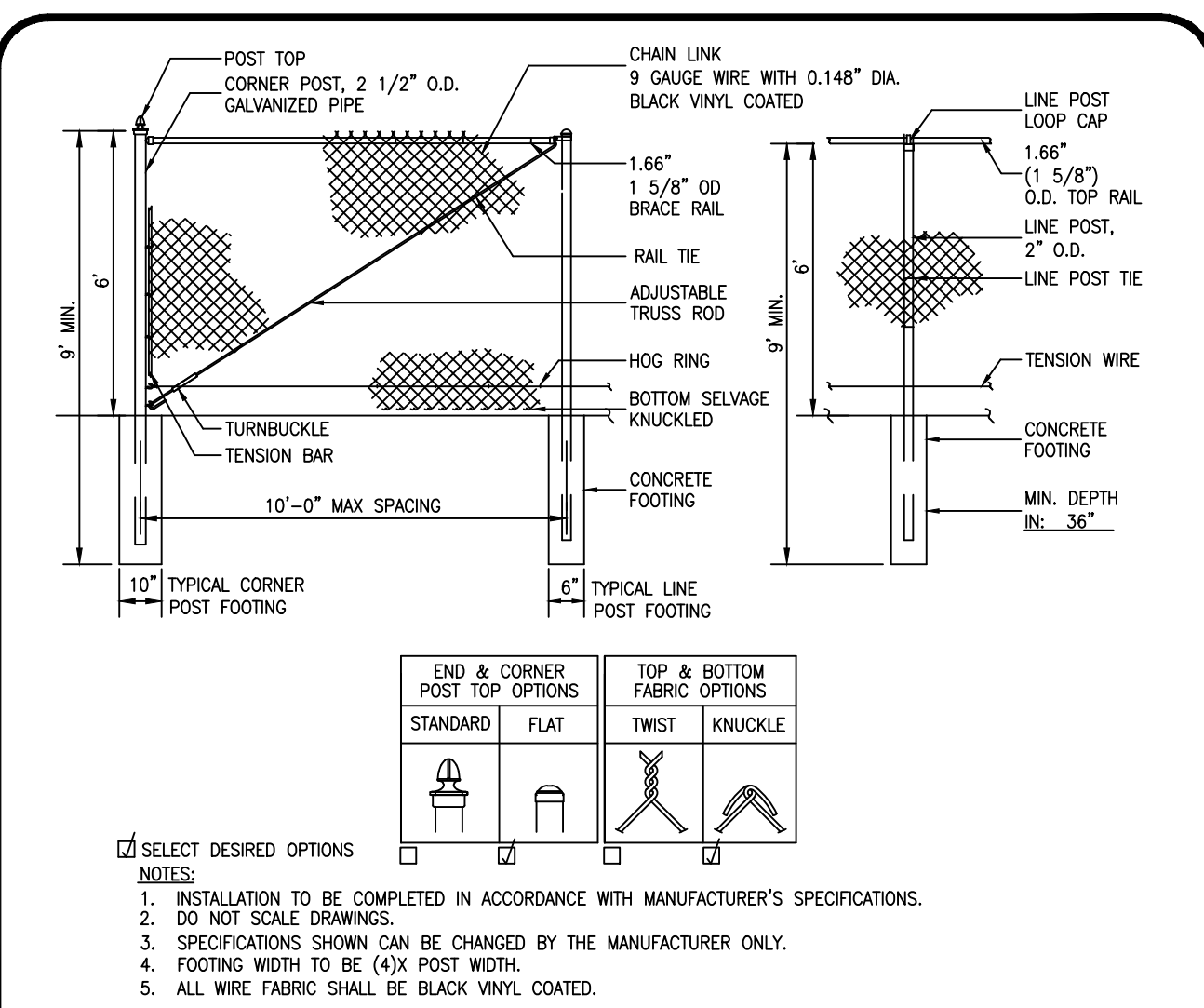
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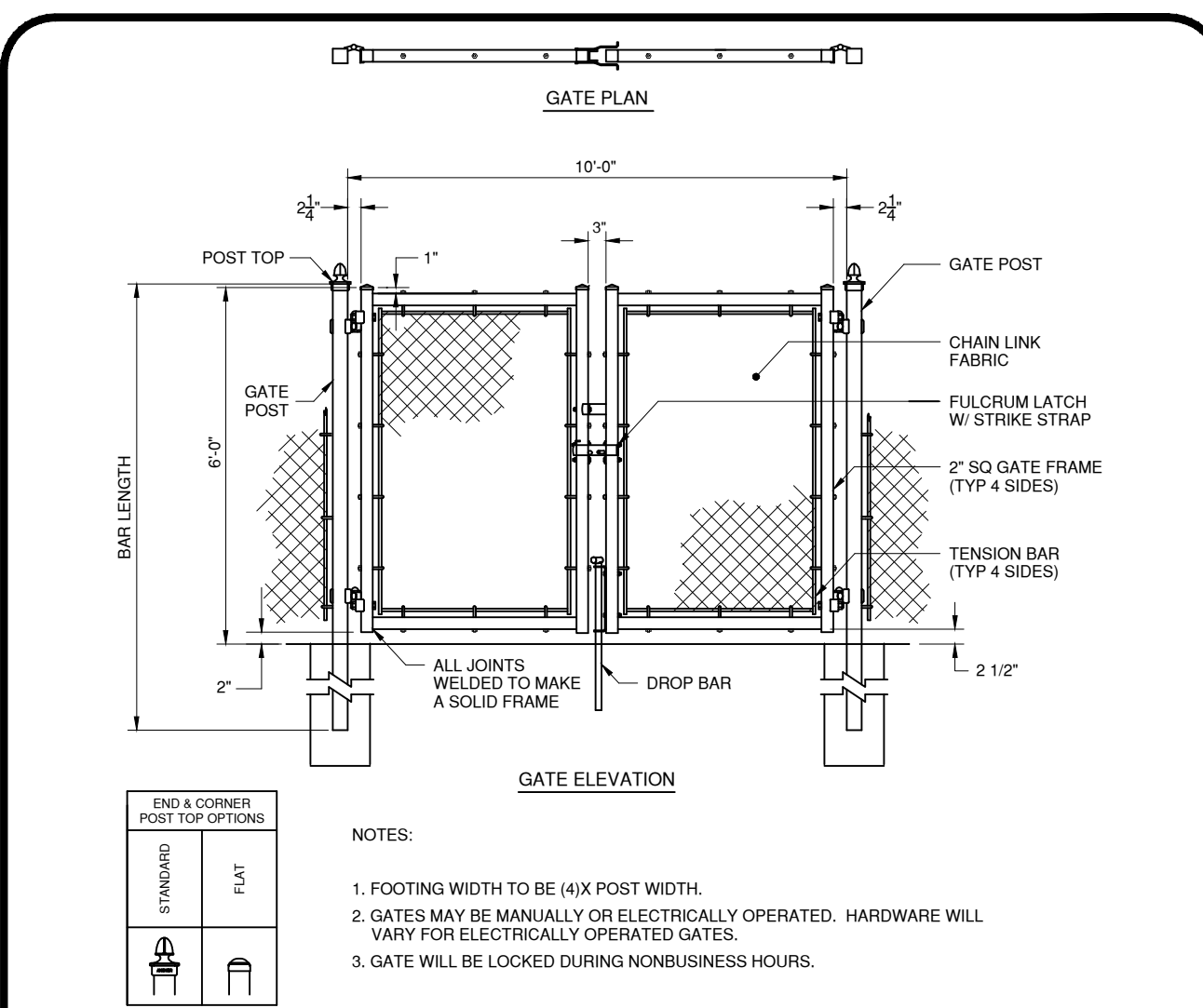
HANDICAP PARKING SIGN DETAIL N.T.S



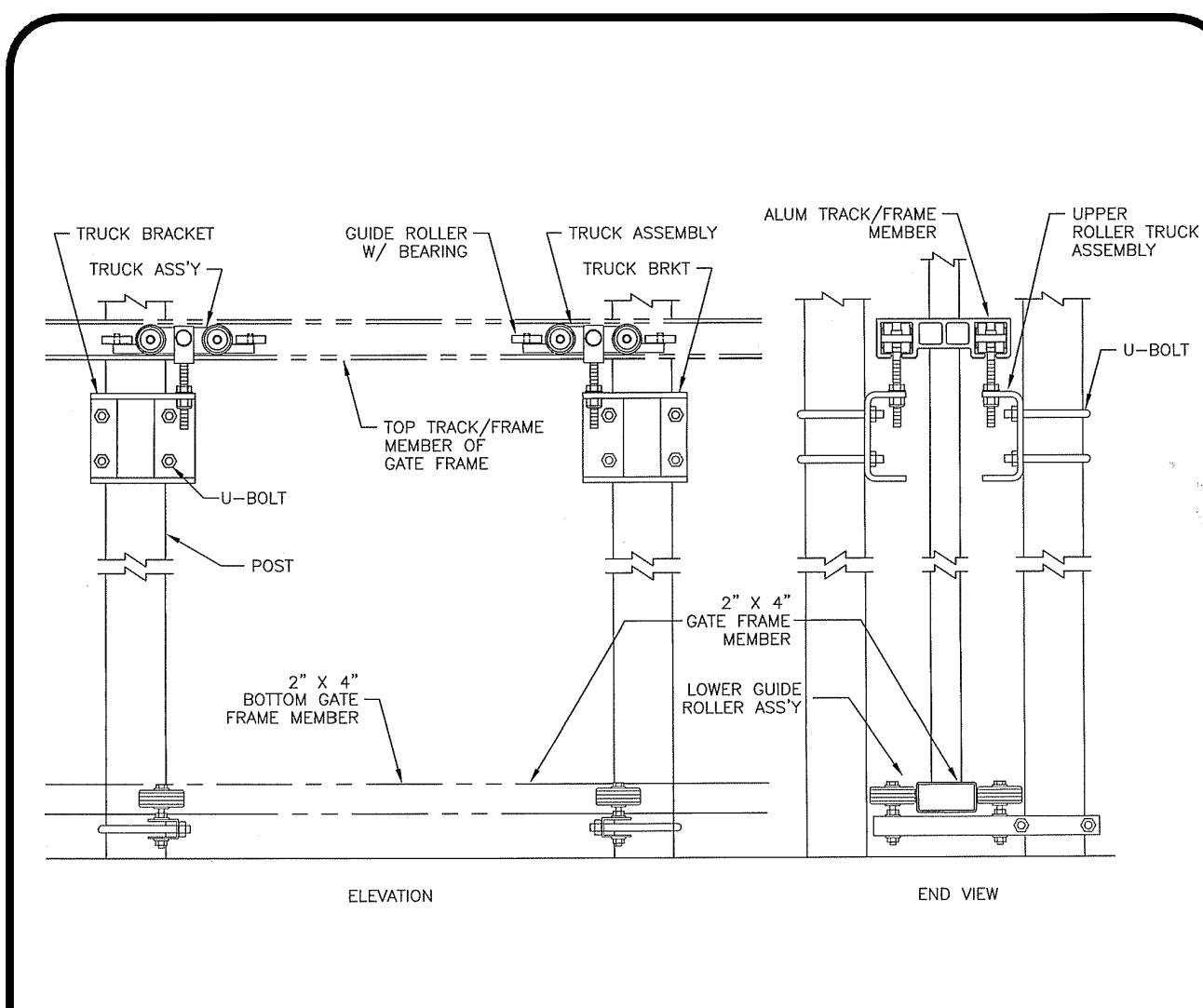
STOP SIGN DETAIL N.T.S



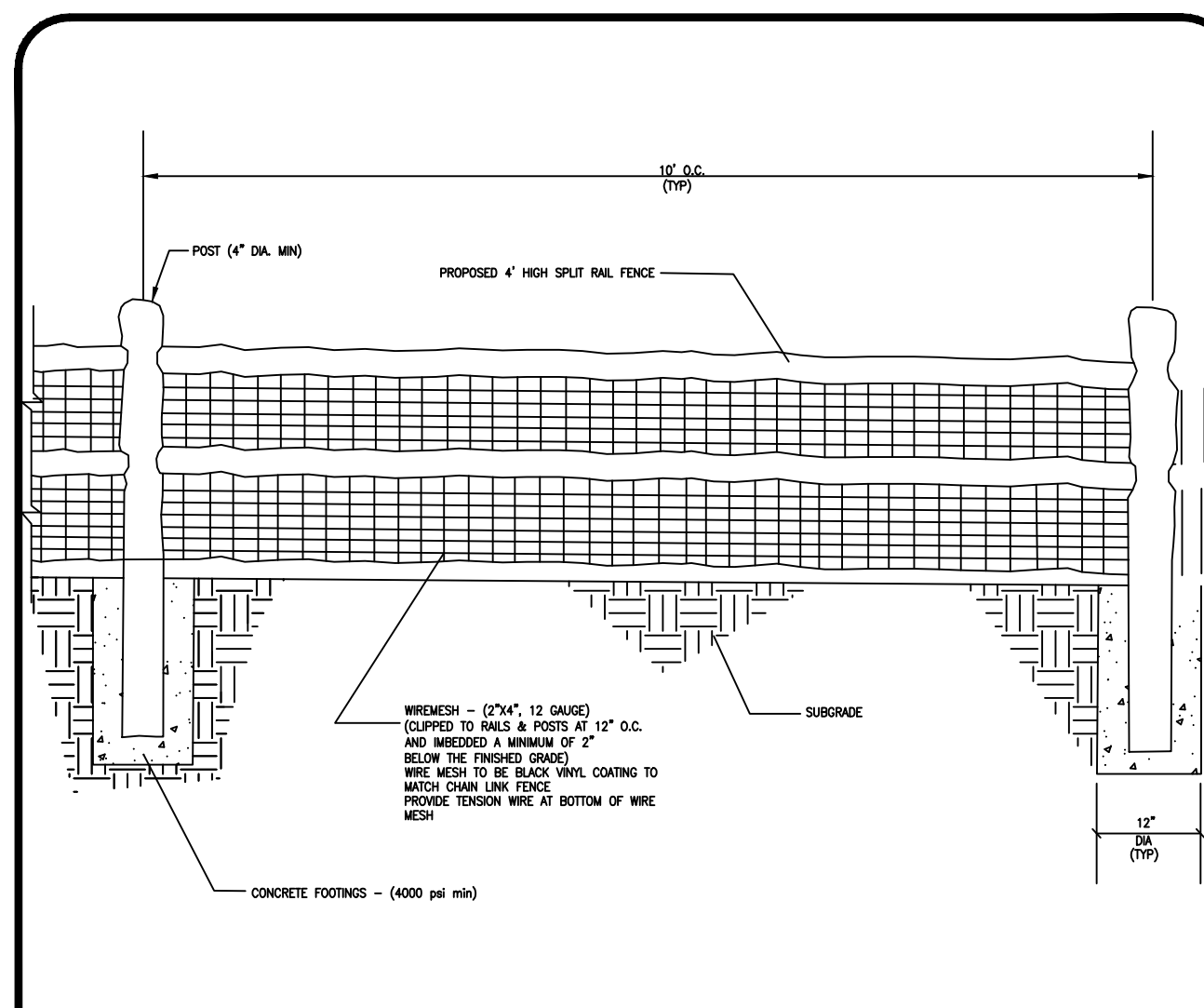
CHAIN LINK FENCE DETAIL N.T.S



CHAIN LINK GATE DETAIL N.T.S



SLIDING GATE DETAIL N.T.S



SPLIT RAIL FENCE DETAIL N.T.S

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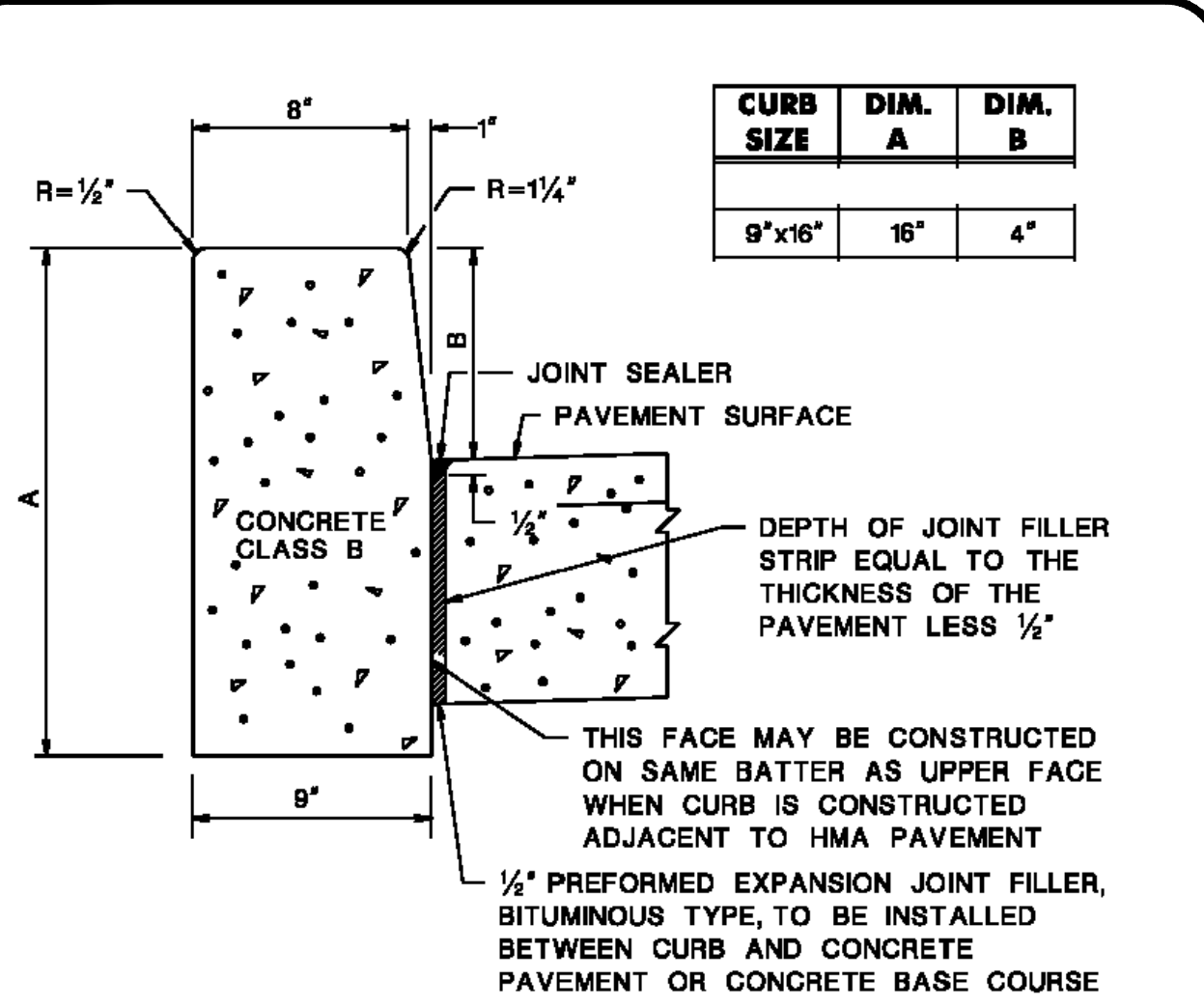
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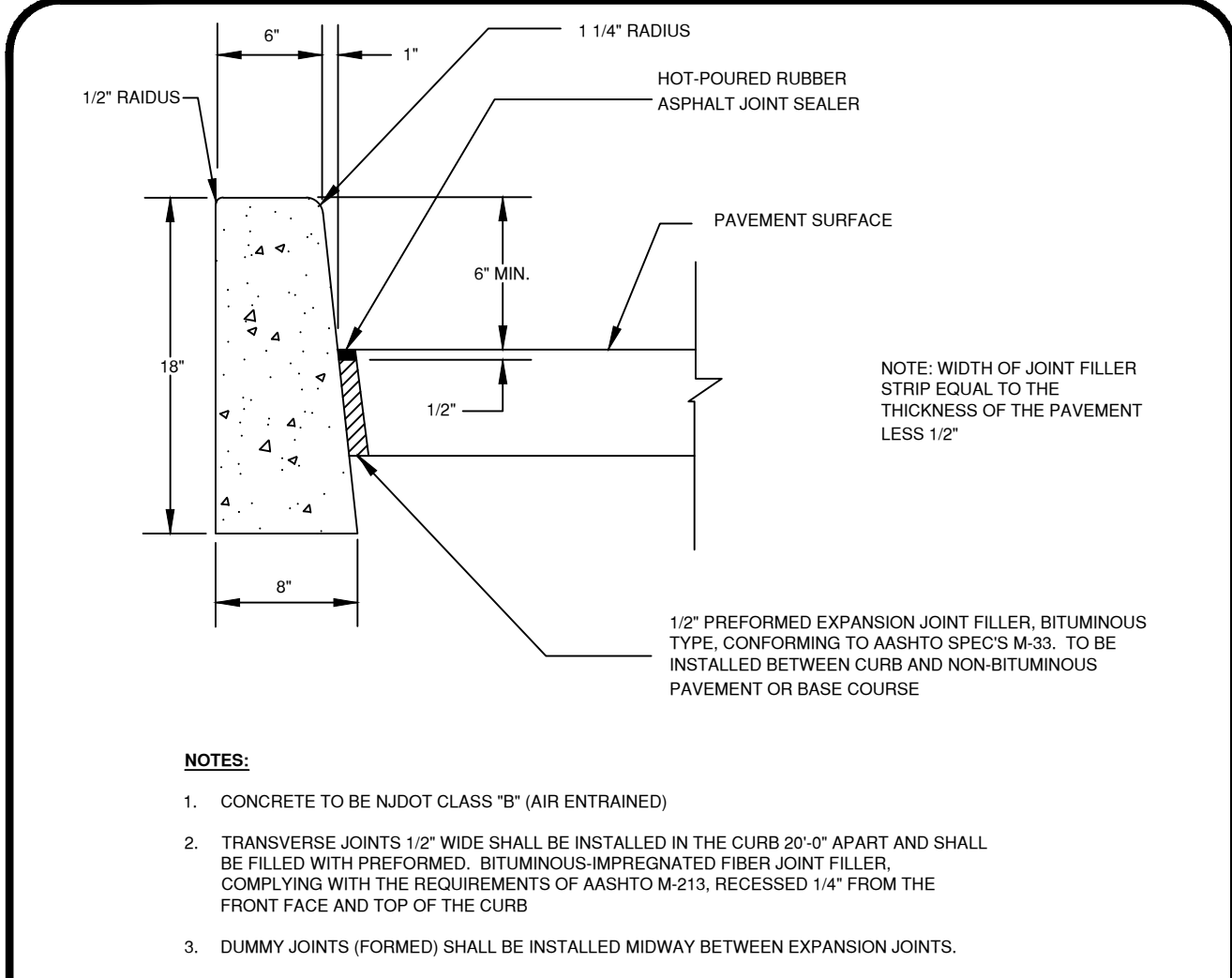


DATE: 6/19/19	DRAWN BY: MAJ
SCALE: N.T.S.	CHECKED BY: JHM
PROJECT #: 8146	SHEET: 8 OF 12



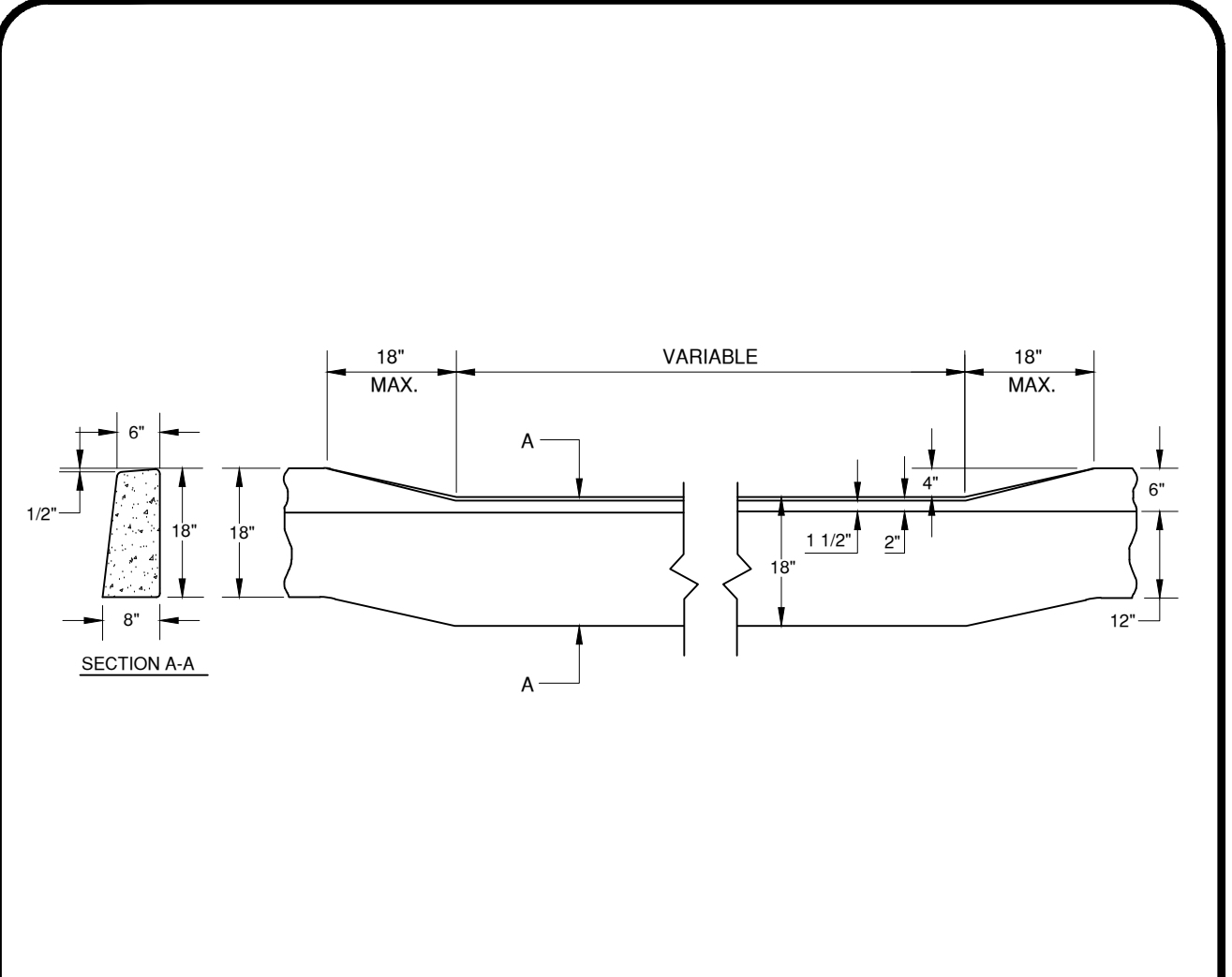
NJDOT CURB DETAIL

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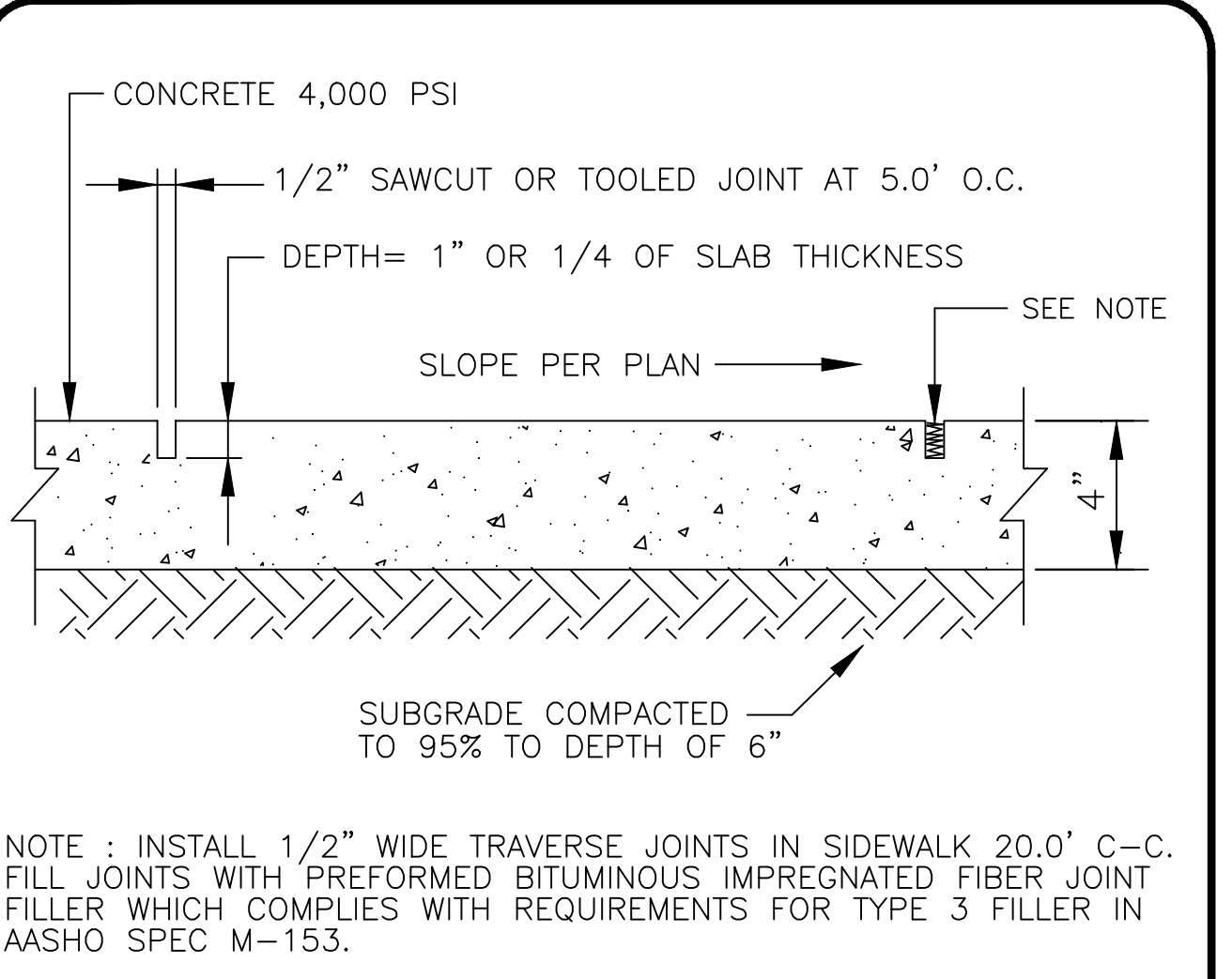
ON-SITE CURB DETAIL

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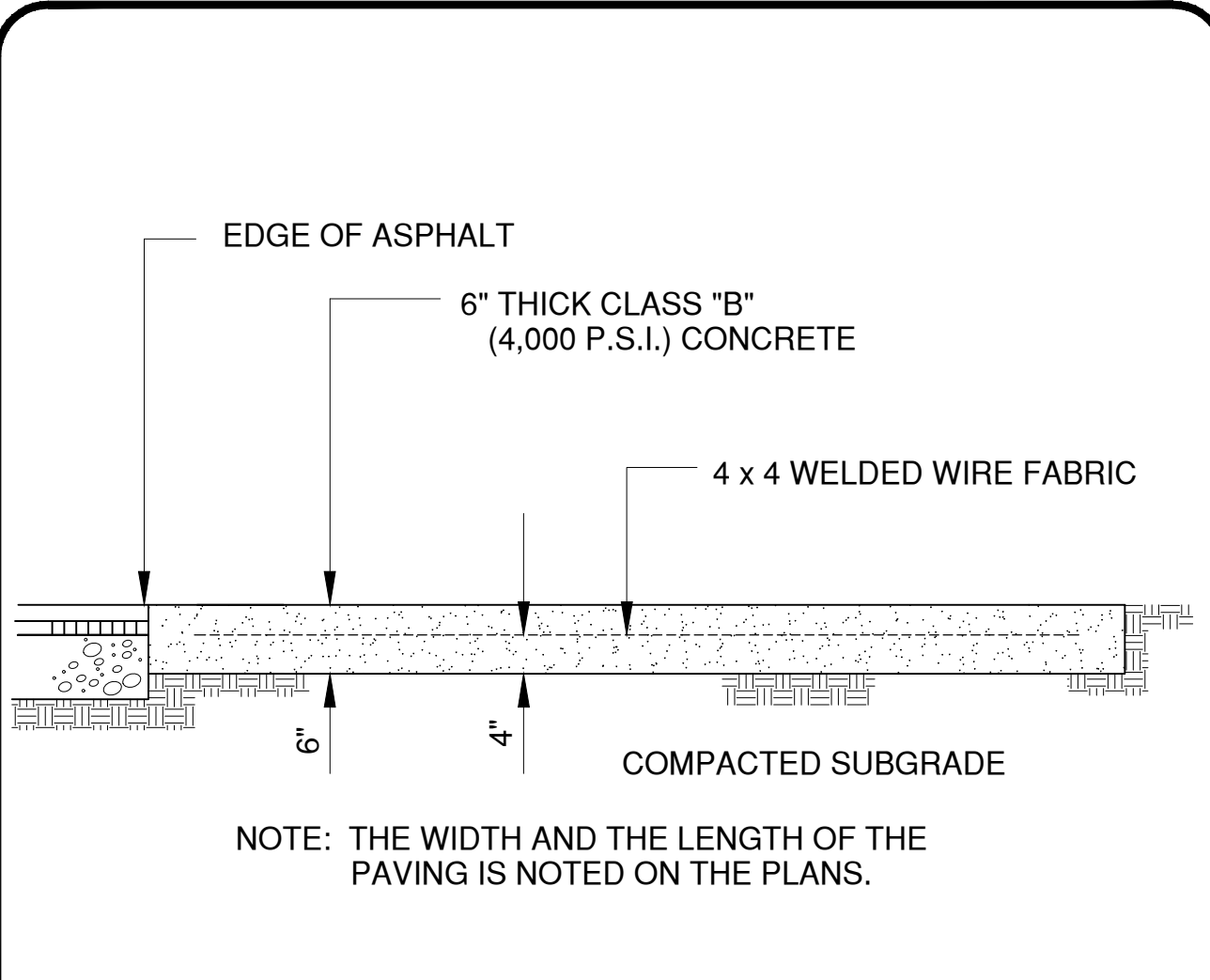
DEPRESSED CURB DETAIL

N.T.S



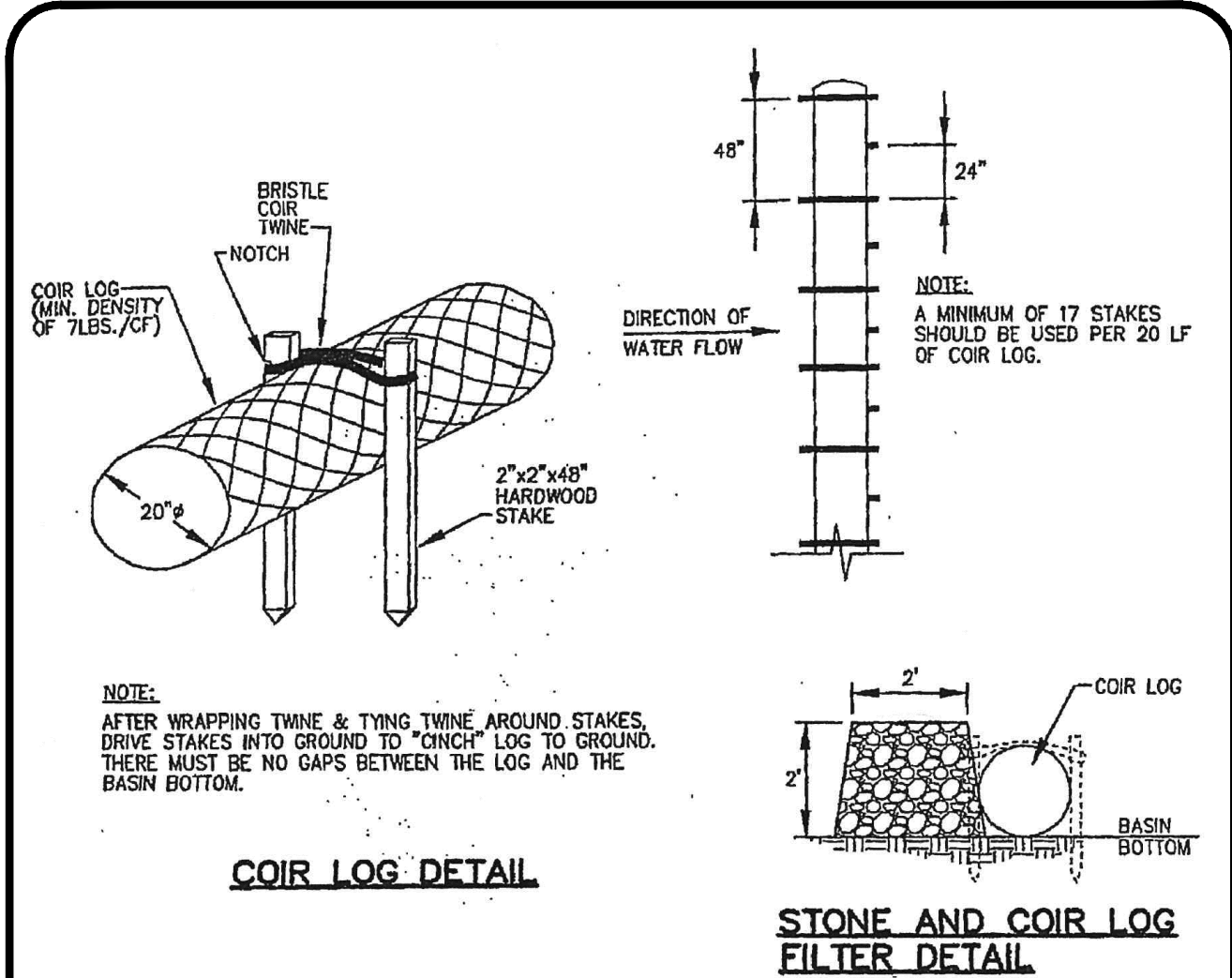
CONCRETE SIDEWALK DETAIL

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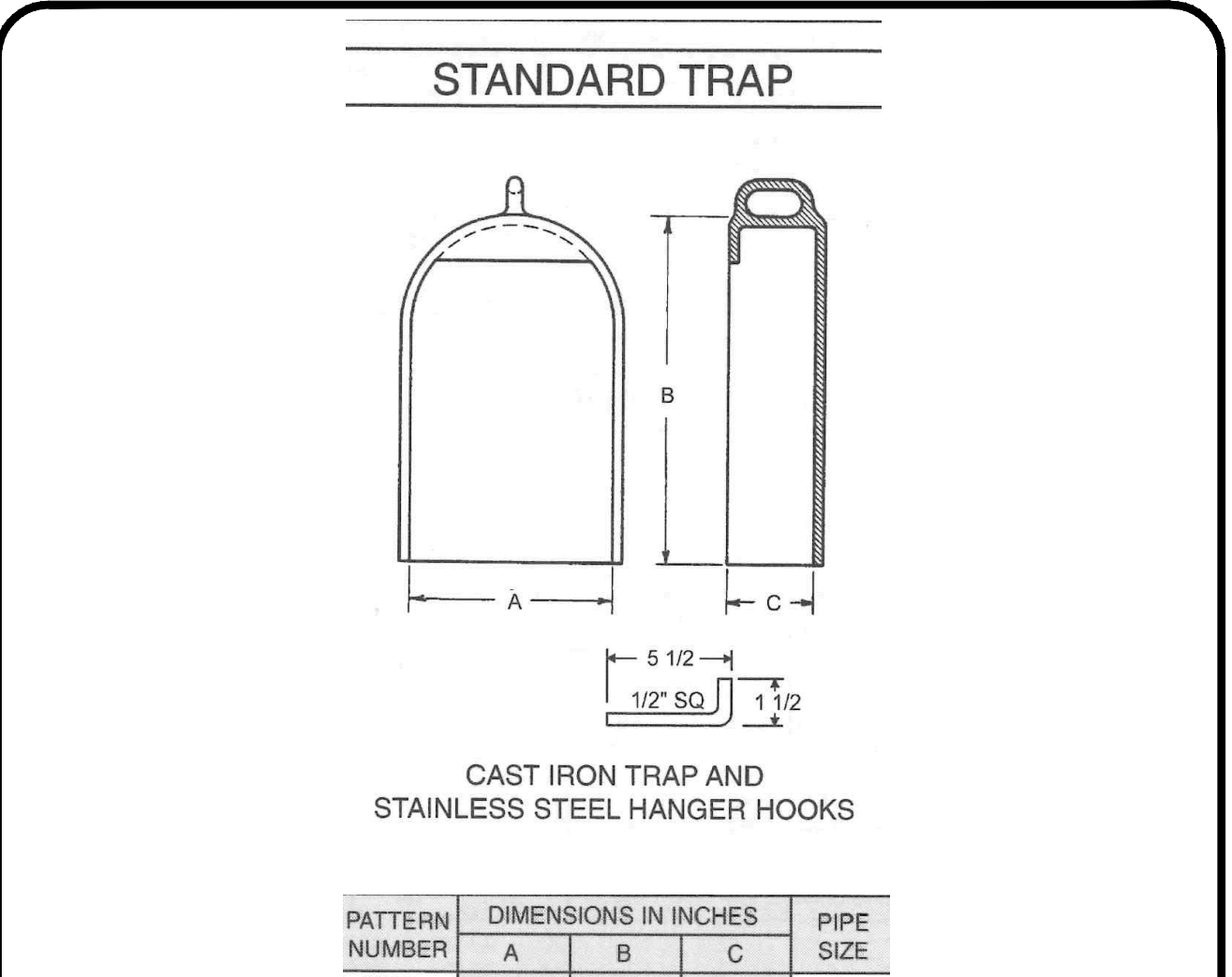
CONCRETE PAD DETAIL

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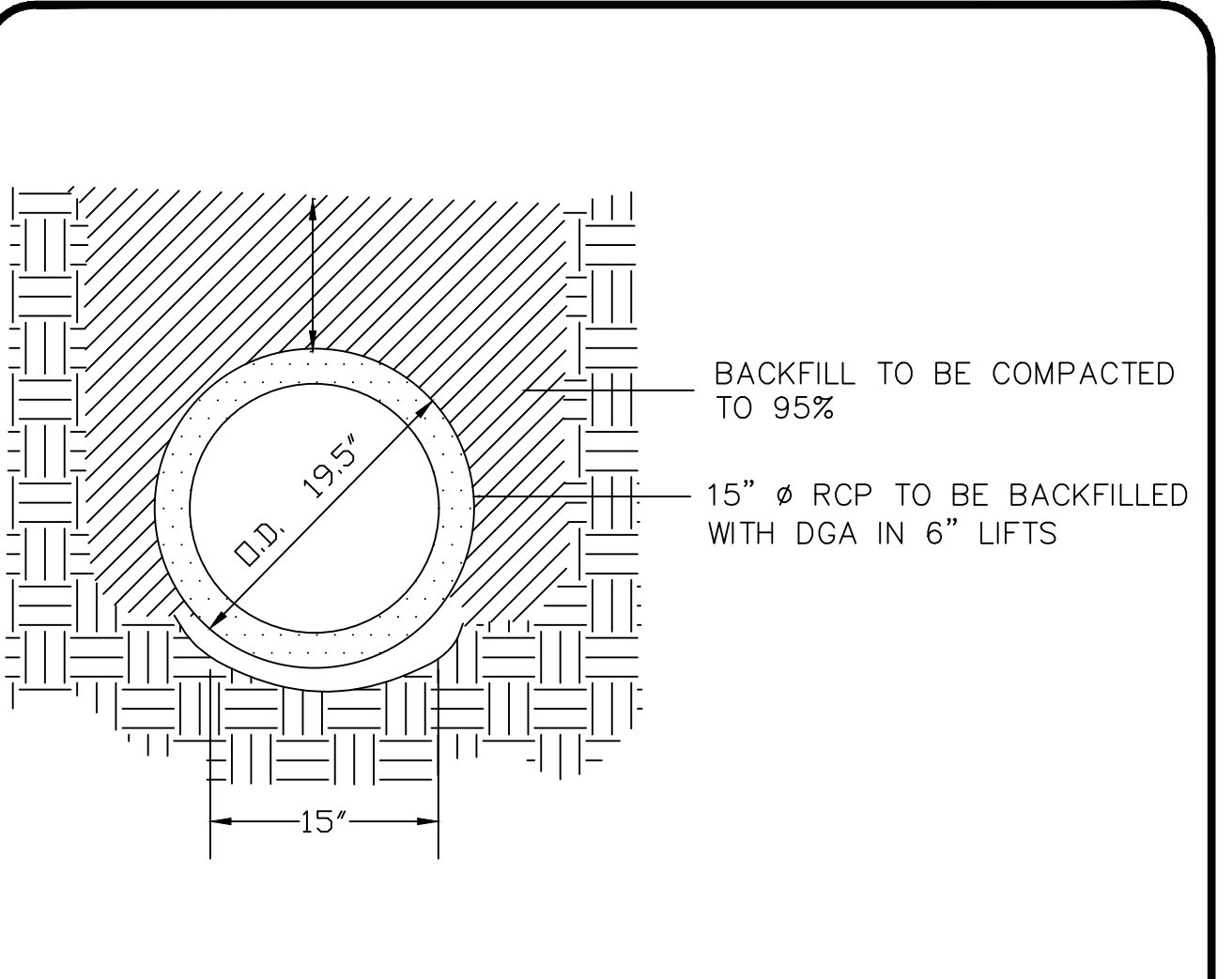
COIR LOG DETAIL

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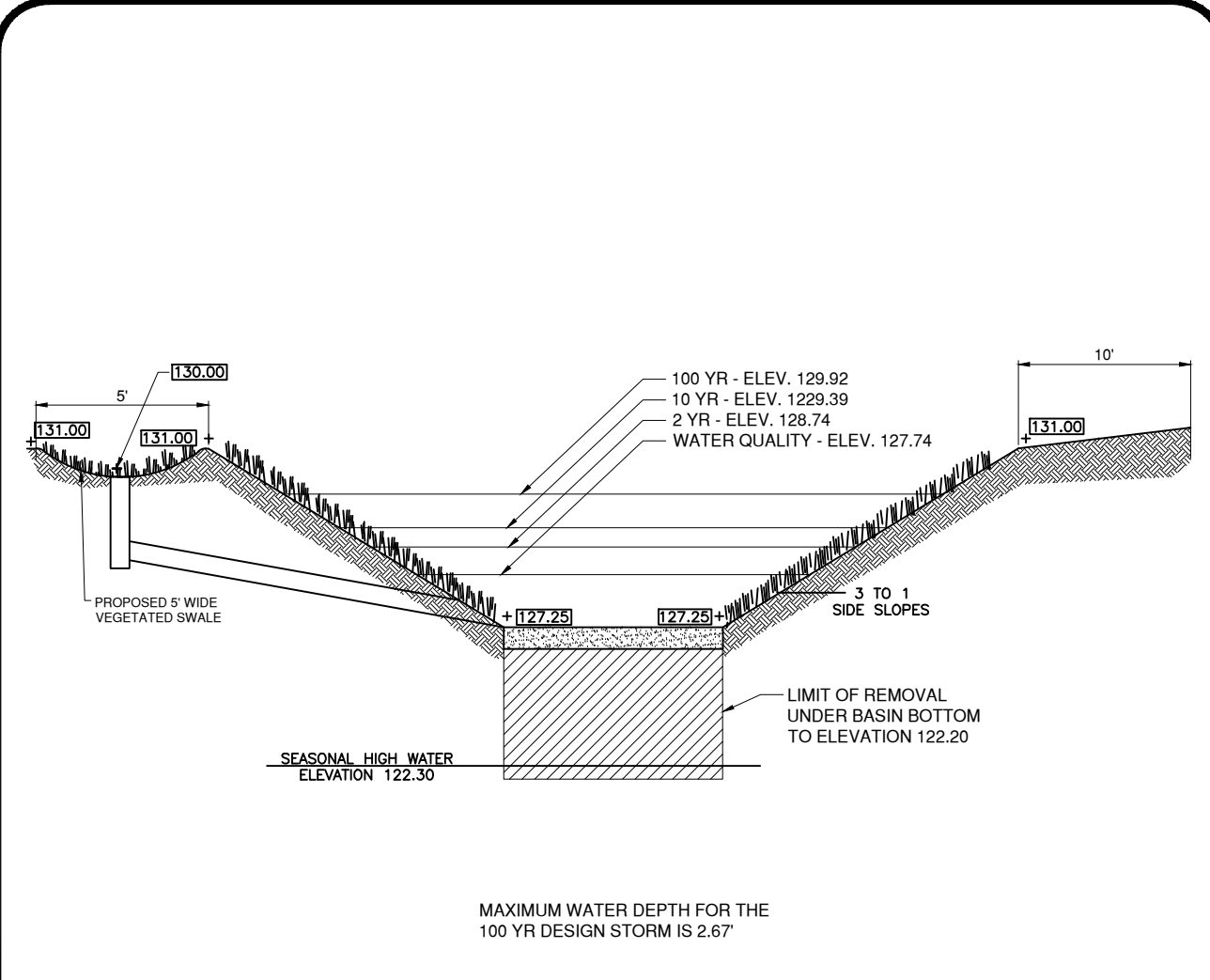
CATCH BASIN TRAP

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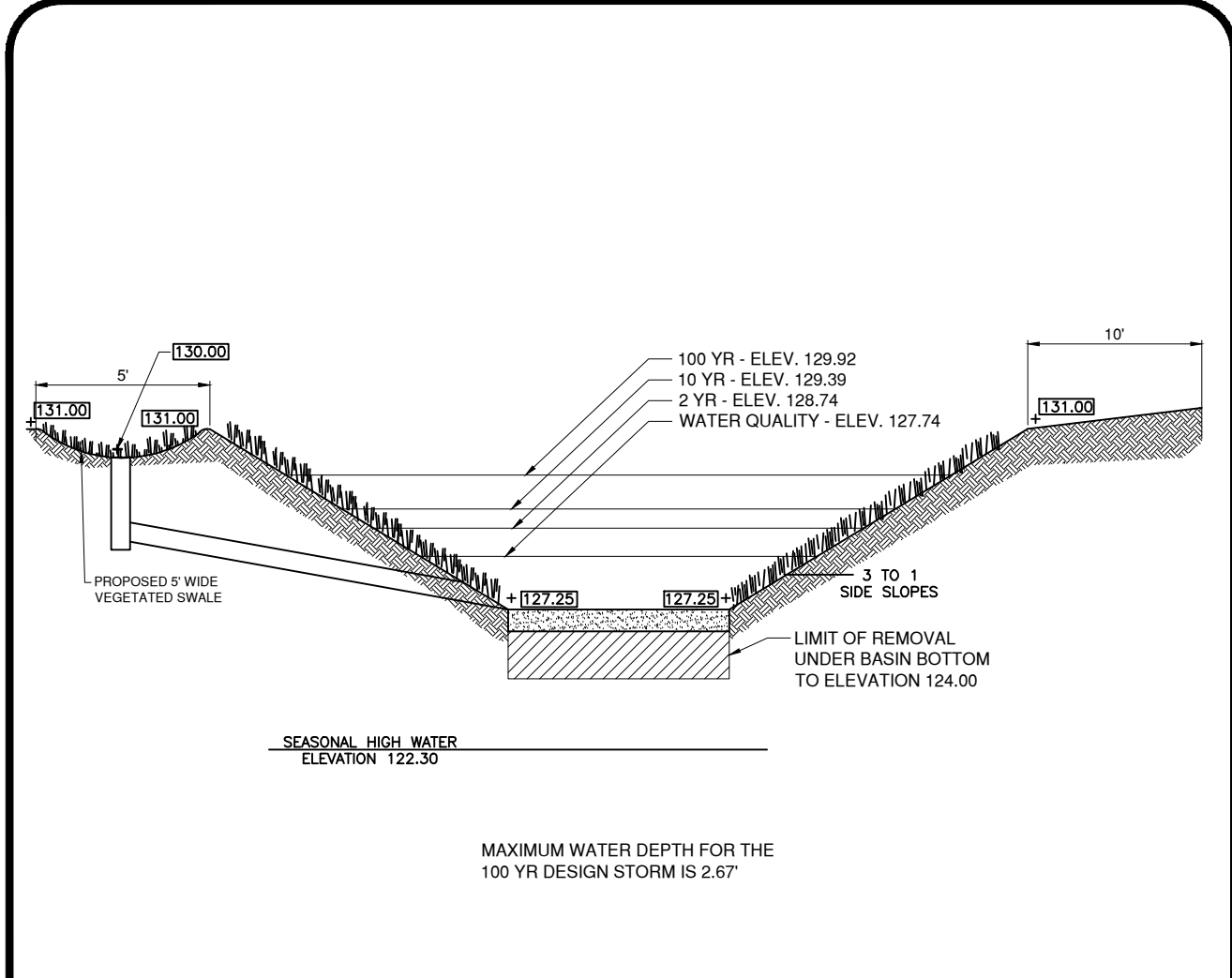
PIPE BEDDING DETAIL

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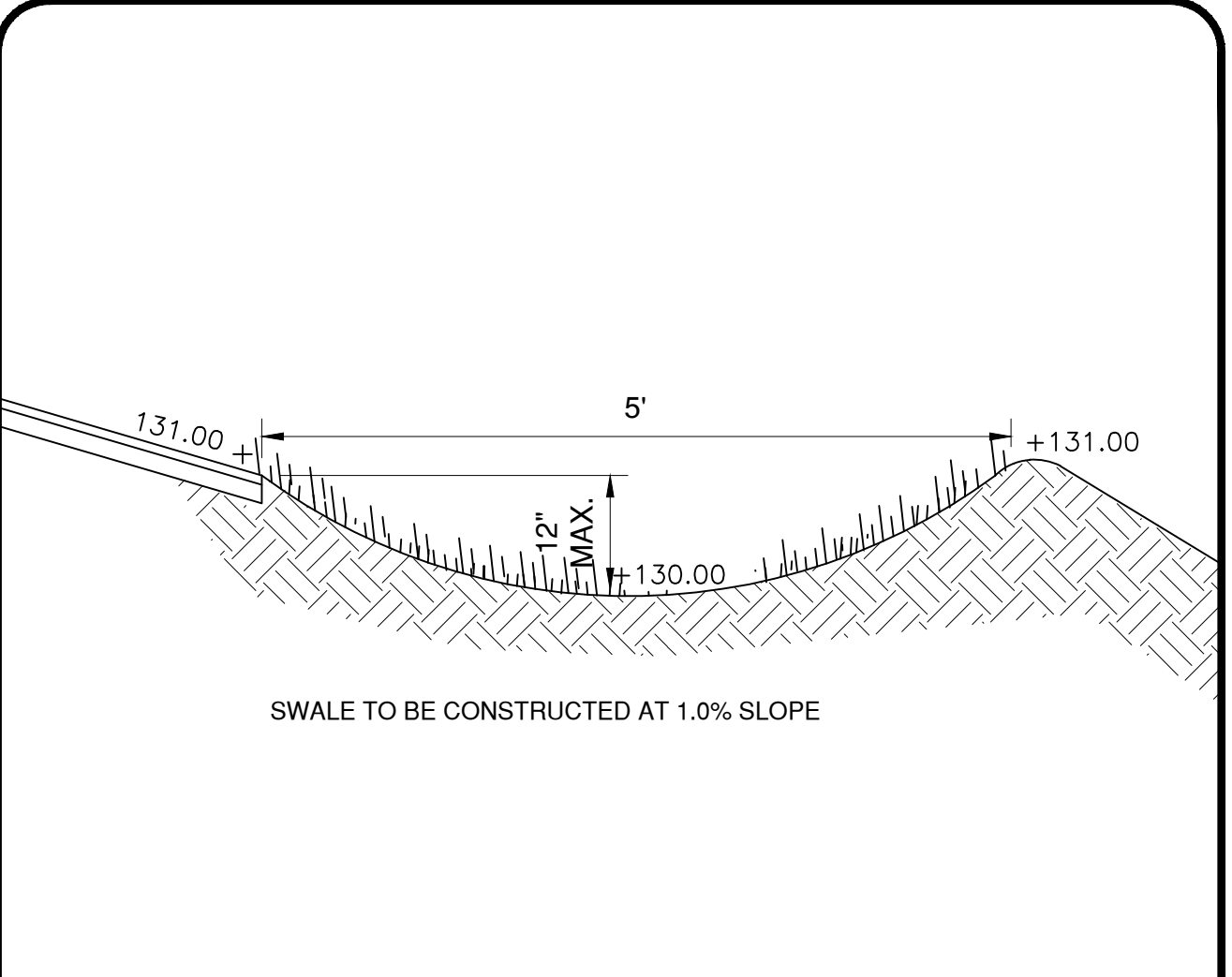
STORMWATER BASIN DETAIL

N.T.S



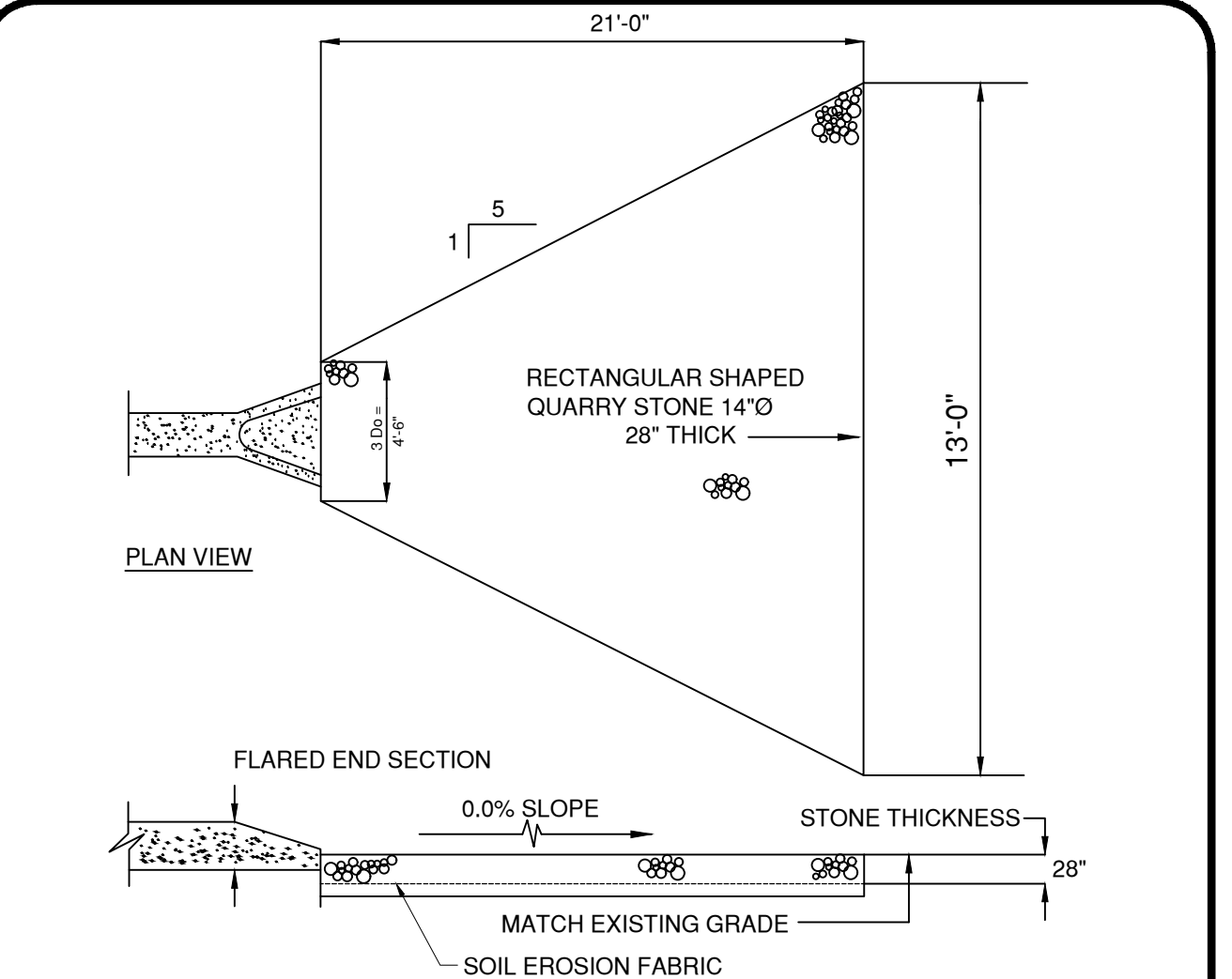
STORMWATER BASIN DETAIL

N.T.S



VEGETATIVE SWALE DETAIL

N.T.S



STONE APRON #1 DETAIL

N.T.S

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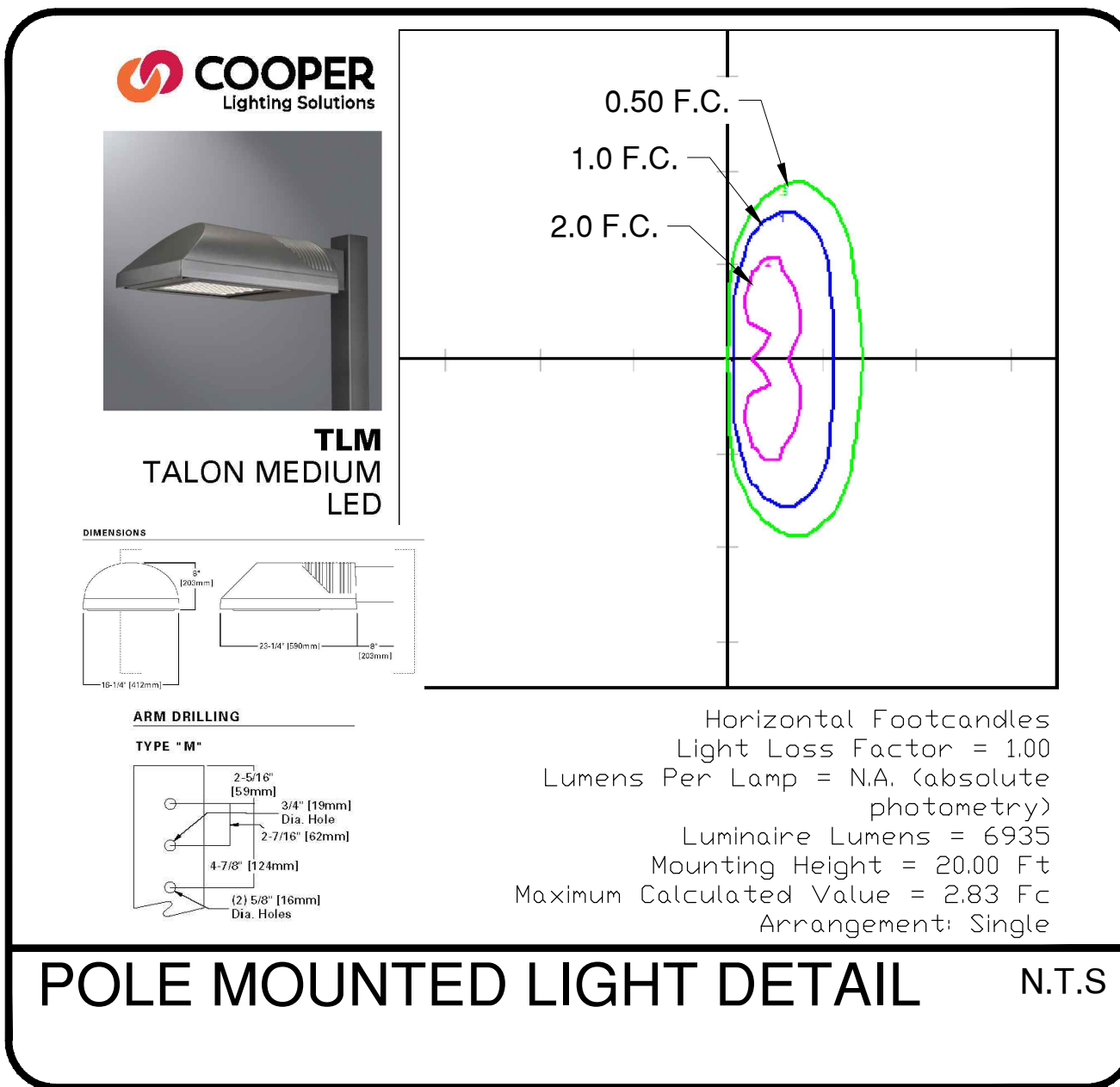
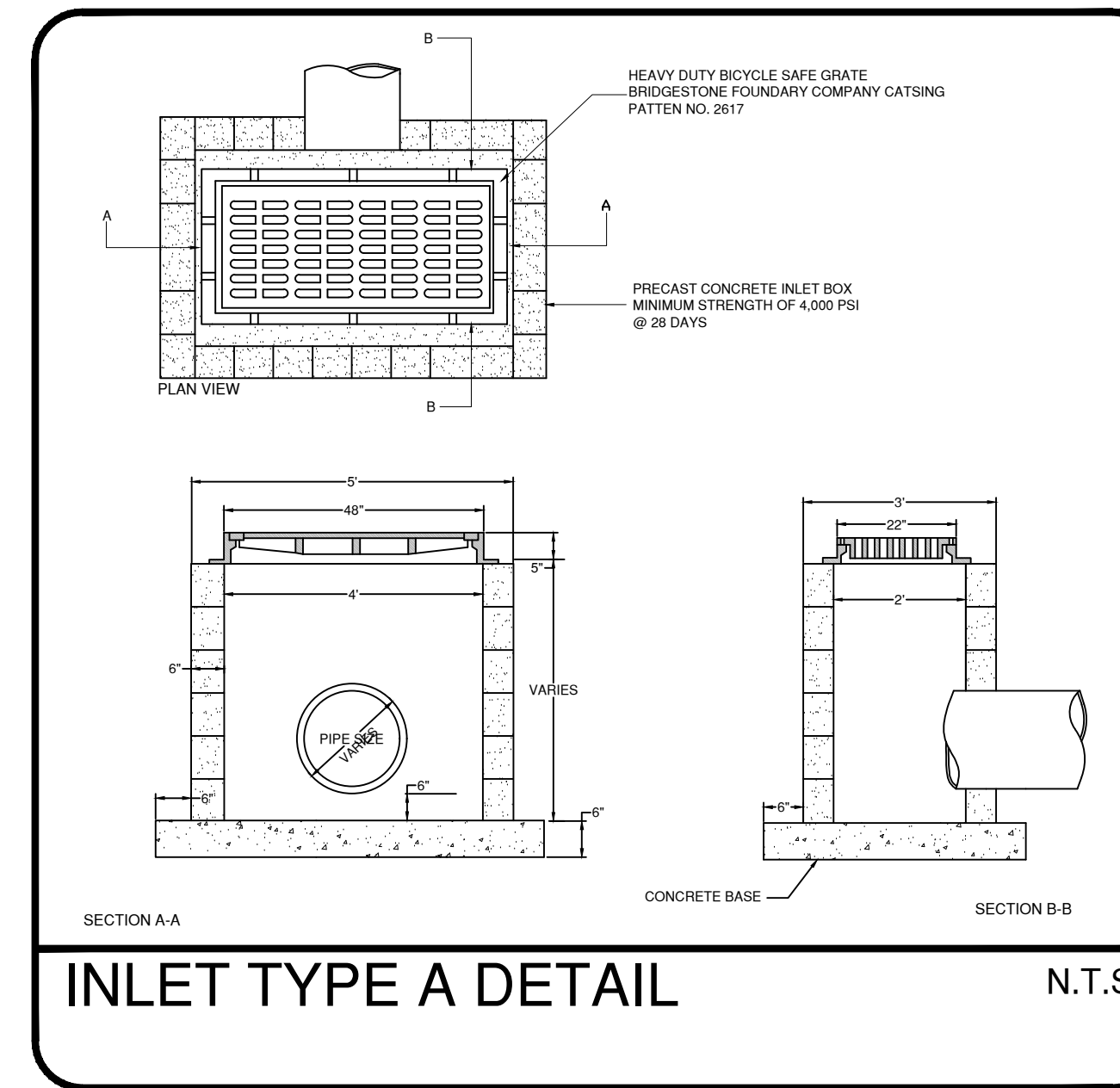
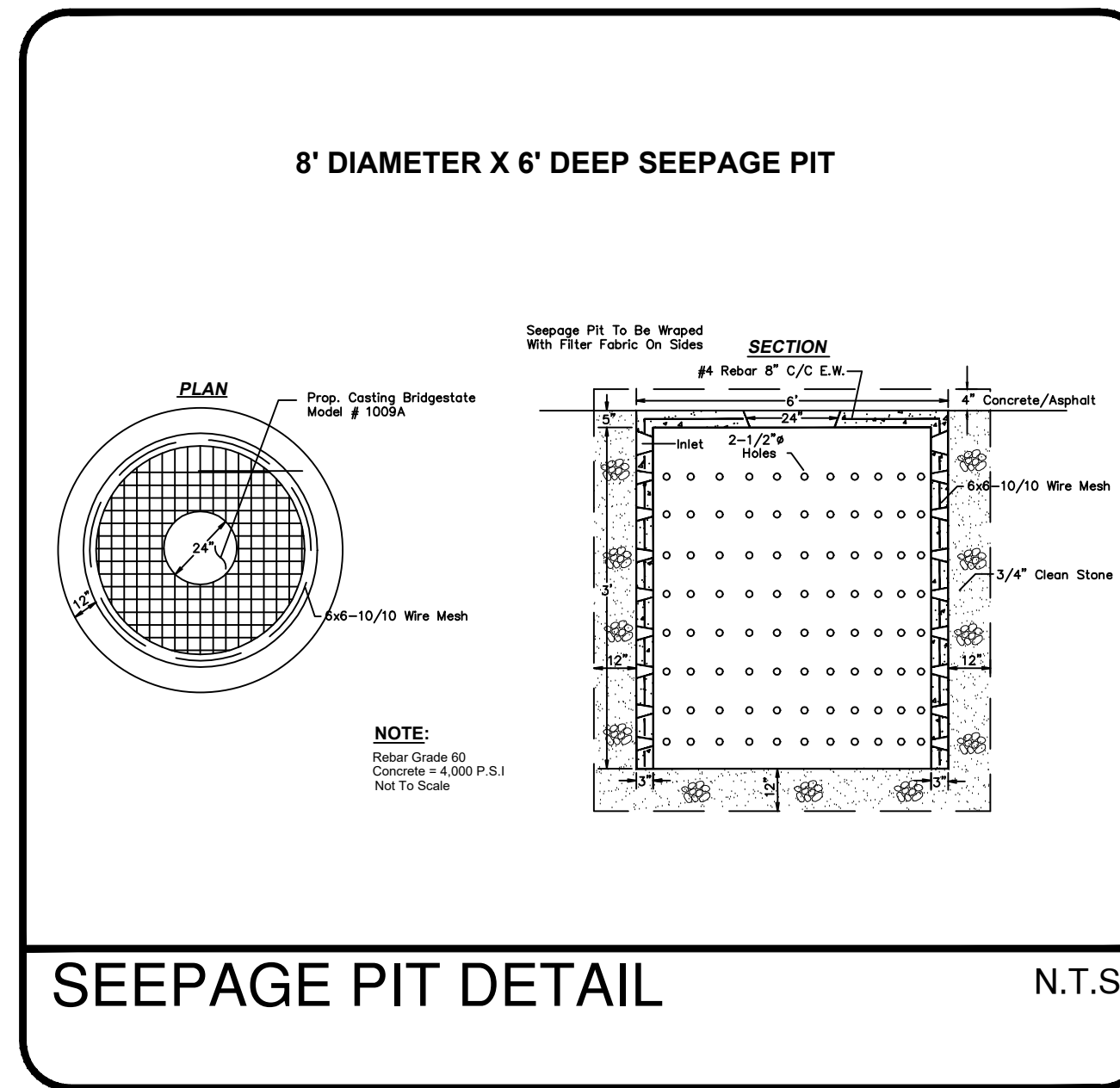
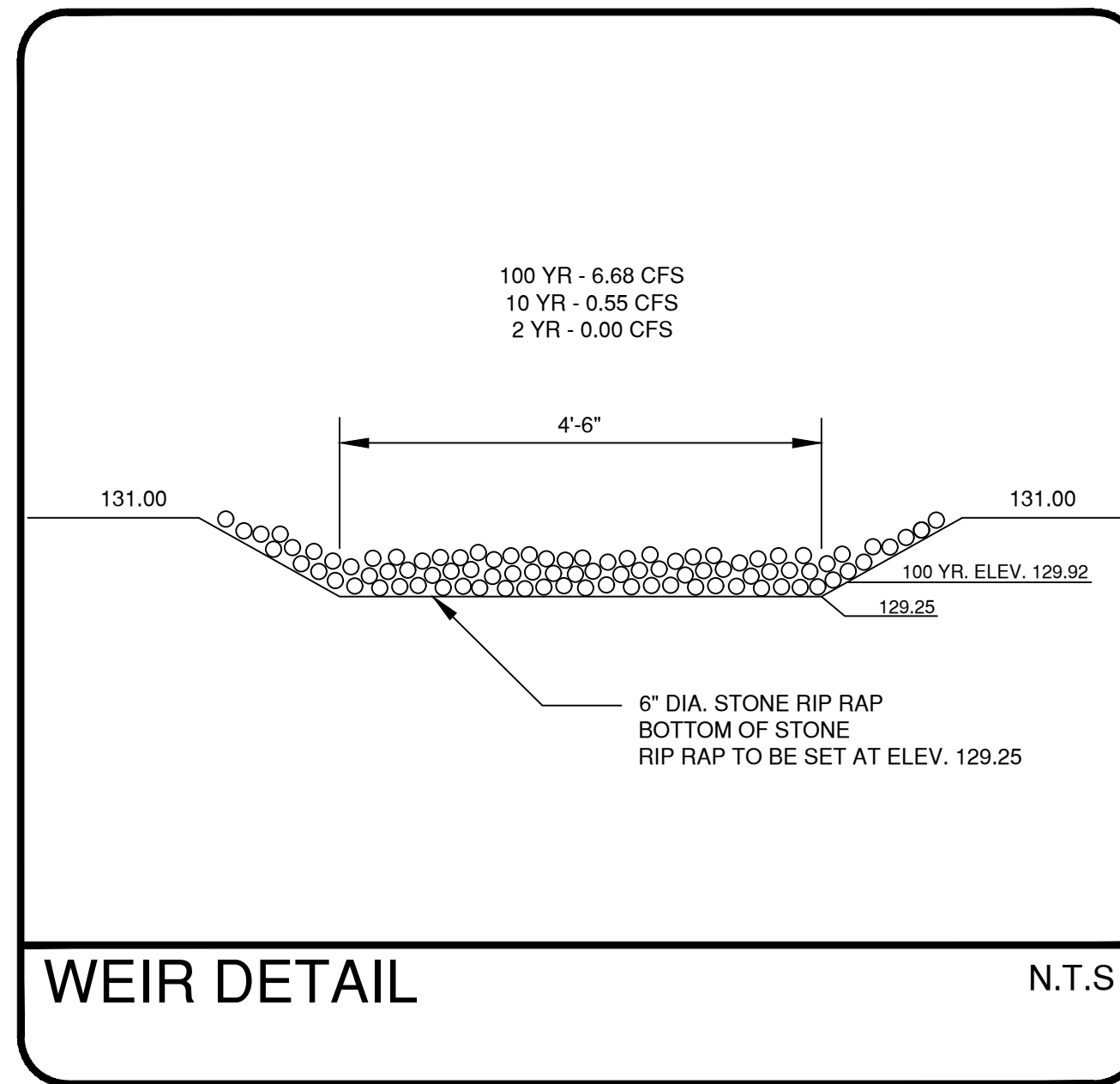
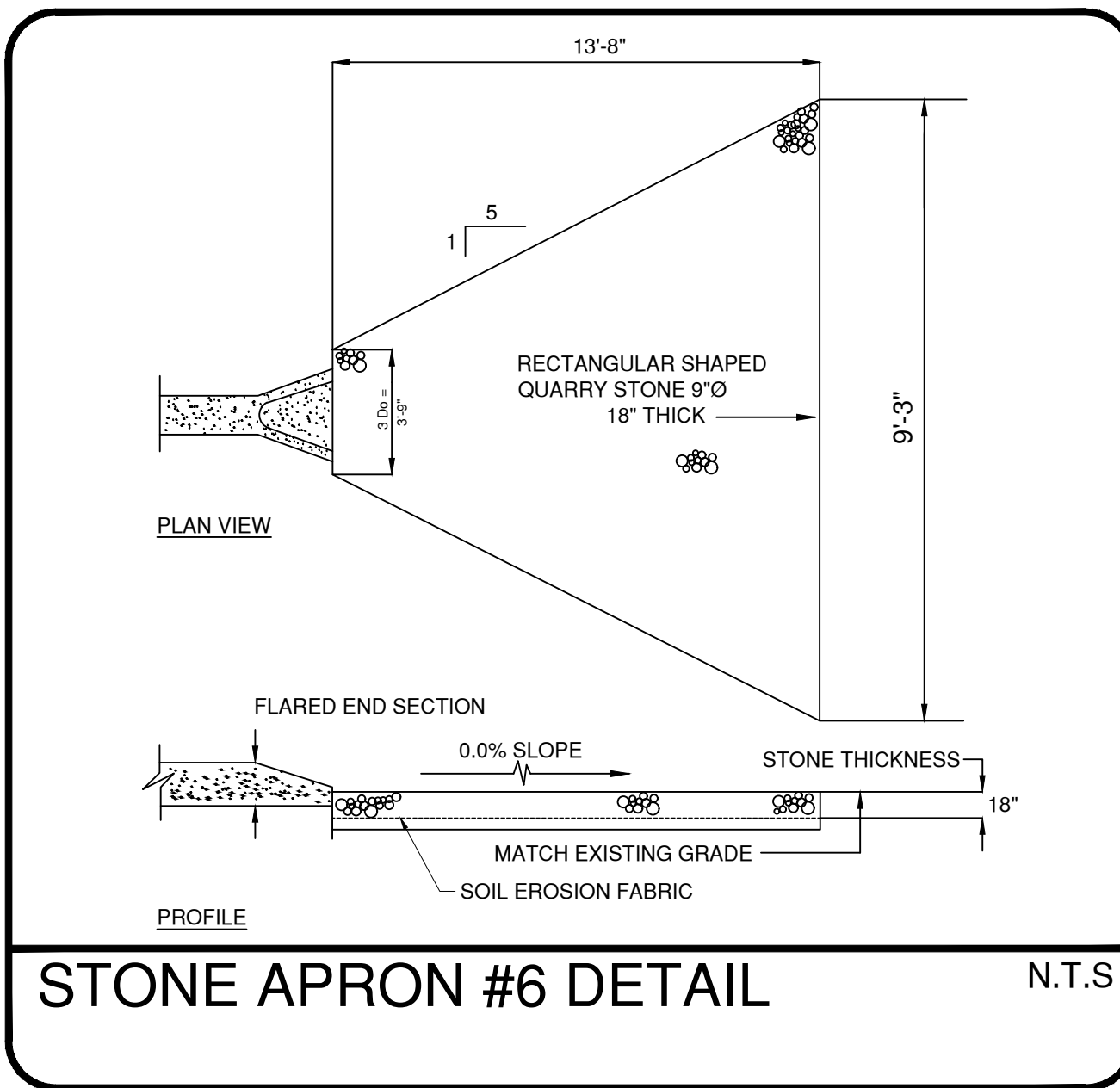
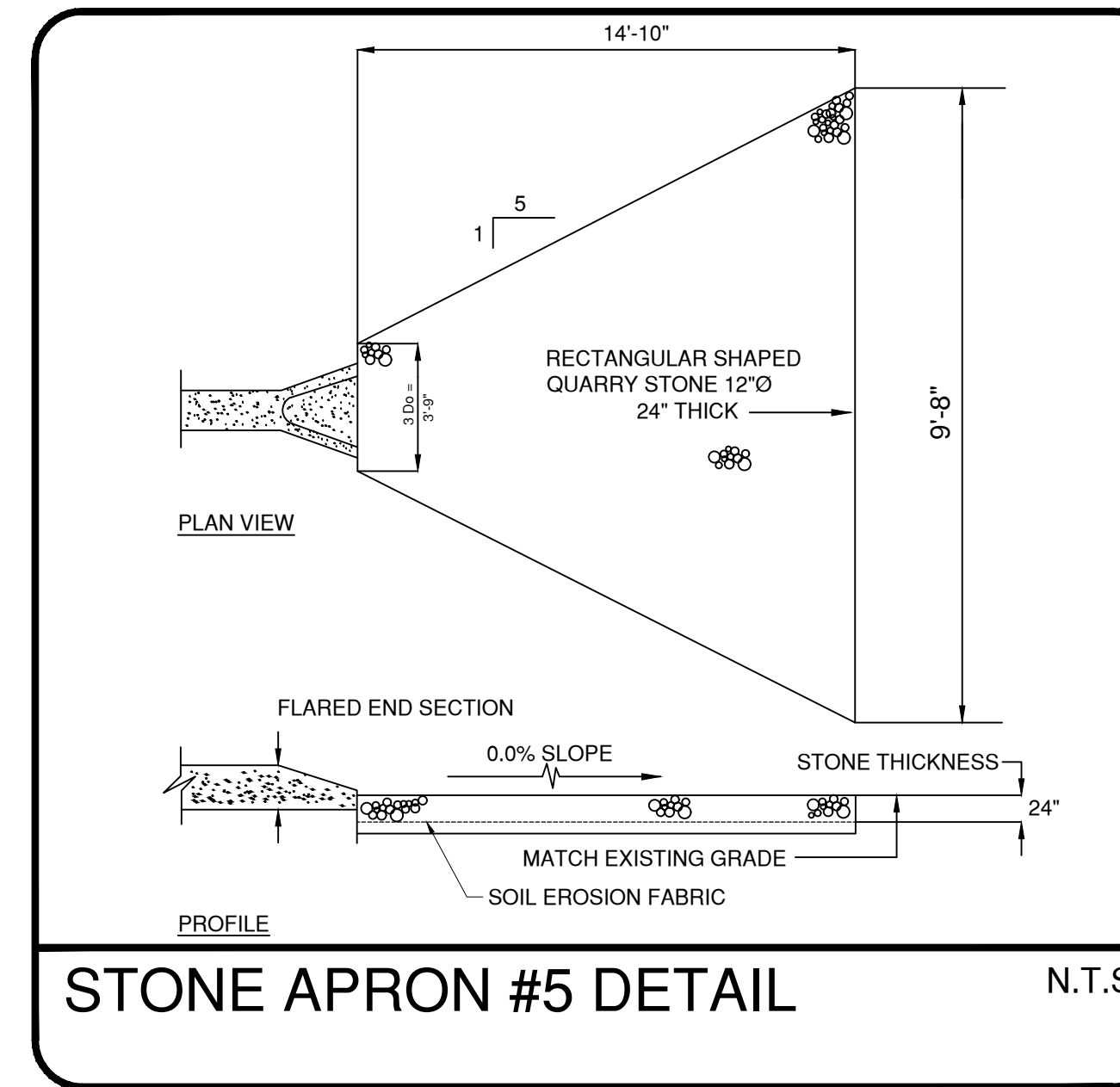
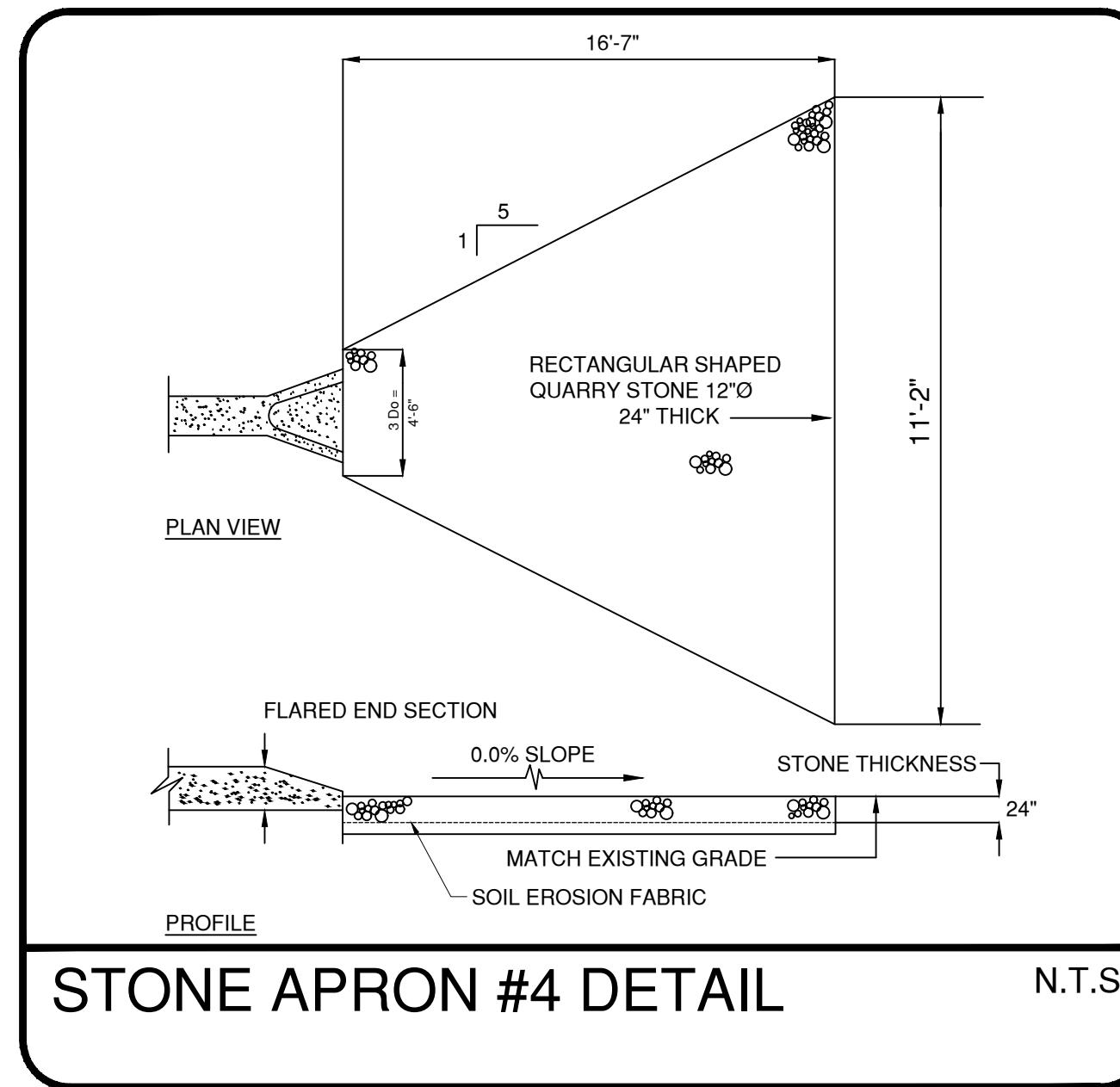
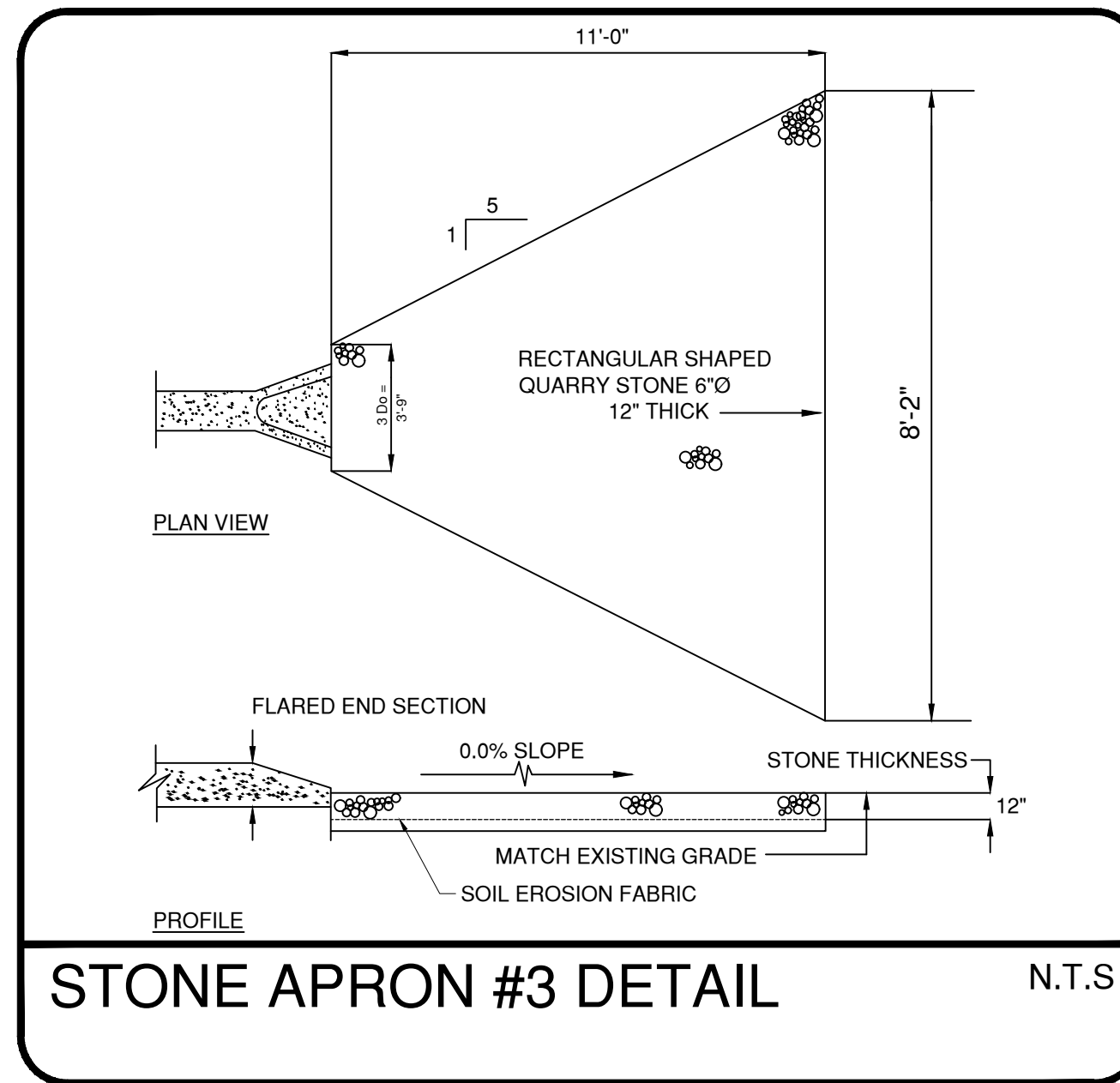
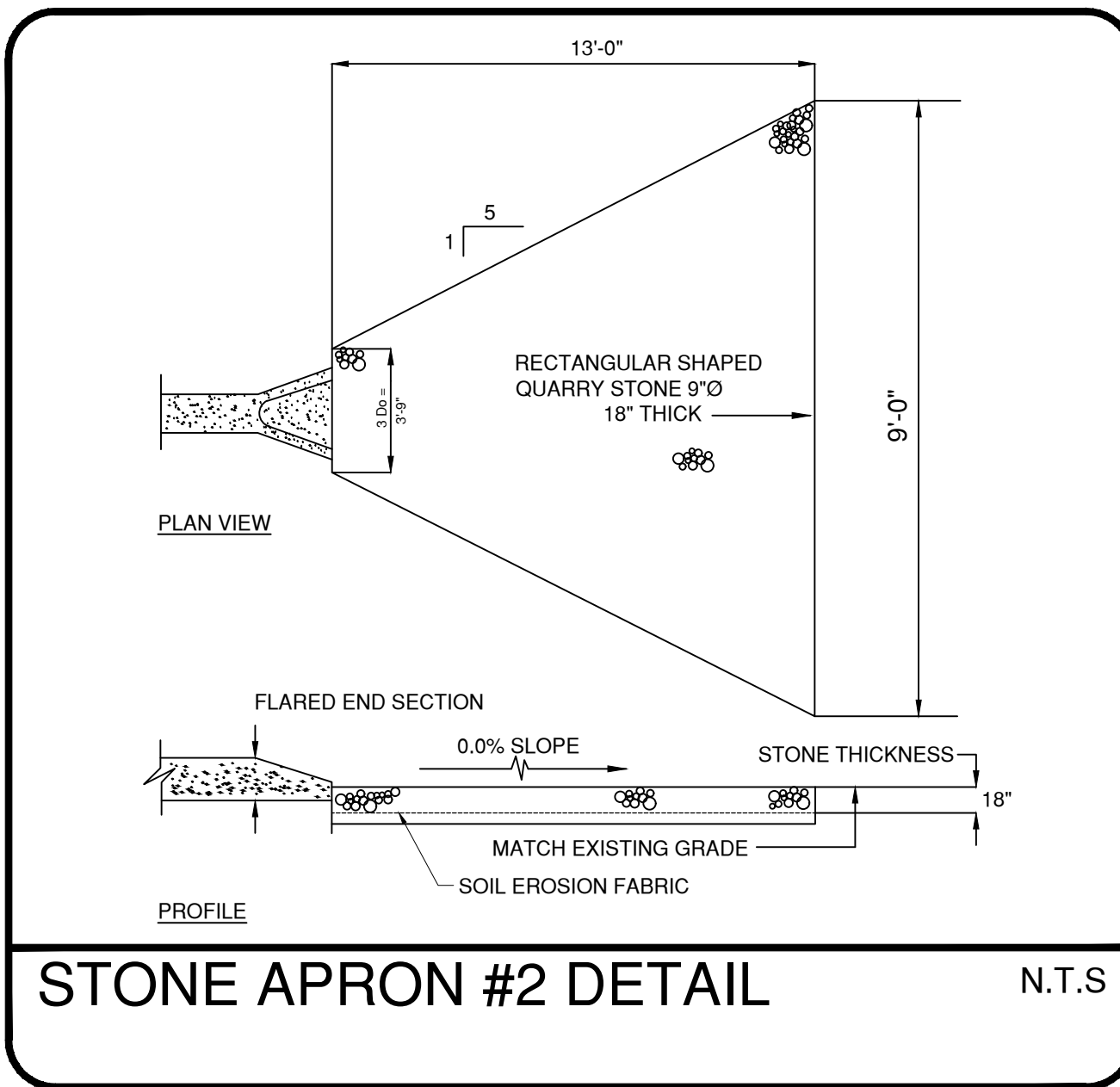
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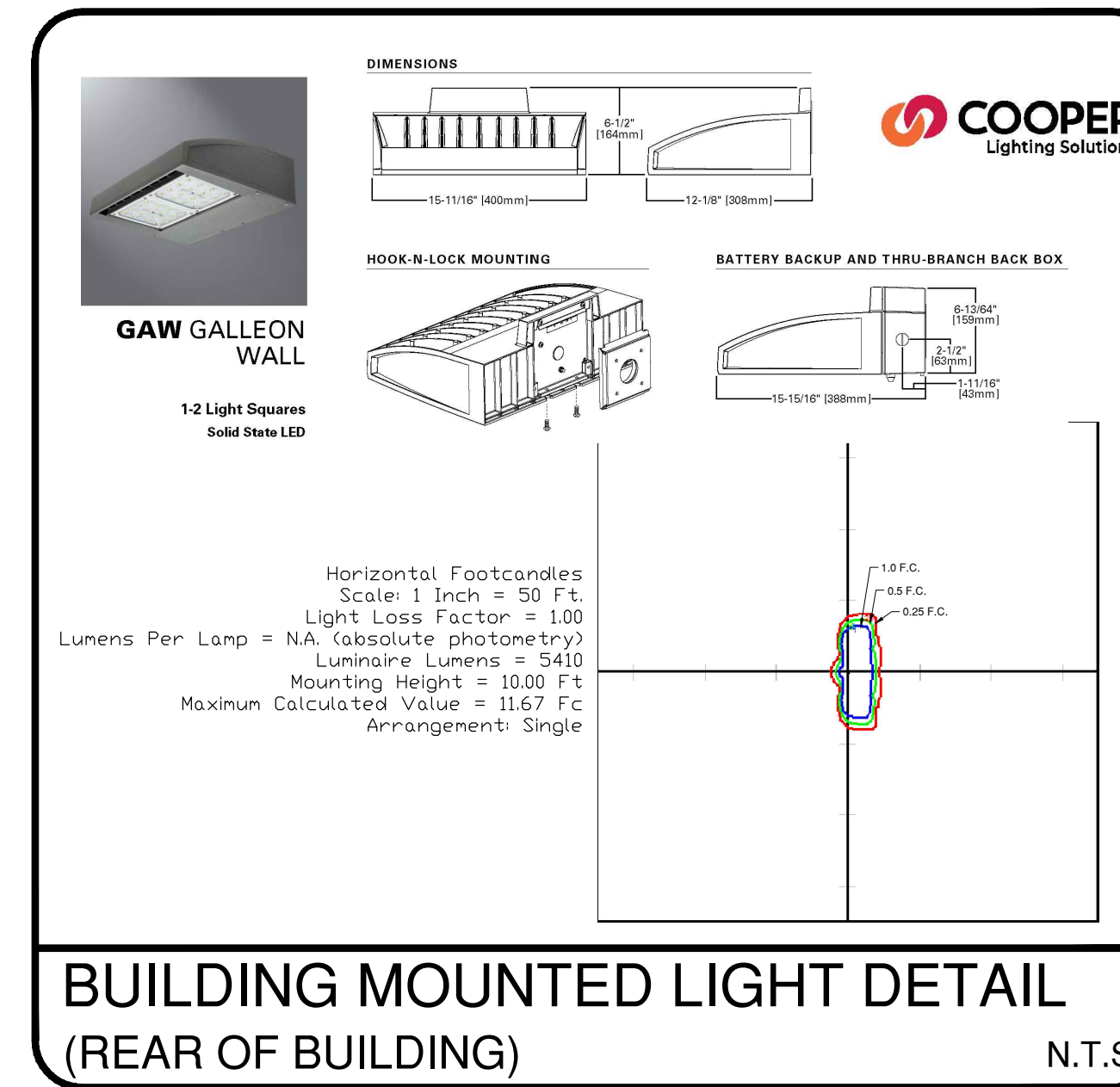
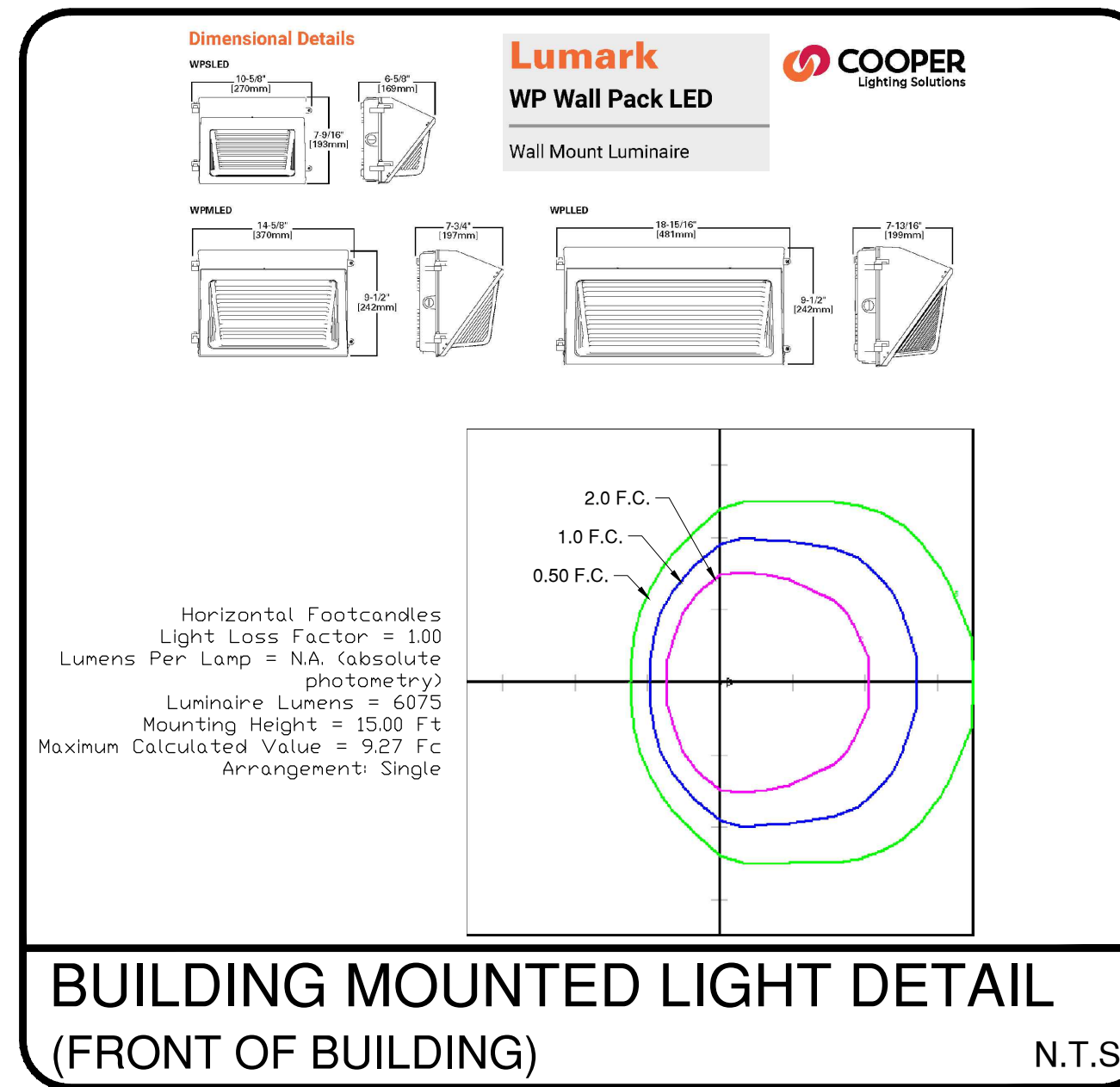


DATE: 6/19/19	DRAWN BY: MAJ
SCALE: N.T.S.	CHECKED BY: JHM
PROJECT #: 8146	SHEET: 9 OF 12



Model	Mounting Height (Feet)	Beam Spread (Feet)	Beam Angle (Degrees)	Beam Diameter (Inches)	Beam Length (Inches)	Beam Weight (Pounds)	Maximum Effective Projected Area (Square Feet)	Max. Fixture Lumens (Footcandle)
SSA1000	10	9	5-10	4	24x17x3	22	26.6	10.7
SSA1200	12	12	5-10	4	24x17x3	35	42.2	15.2
SSA1500	15	15	5-10	4	24x17x3	55	62.2	22.8
SSA1800	18	18	5-10	4	24x17x3	85	92.2	33.2
SSA2100	21	21	5-10	4	24x17x3	125	132.2	48.2
SSA2400	24	24	5-10	4	24x17x3	175	192.2	73.2
SSA2700	27	27	5-10	4	24x17x3	245	272.2	108.2
SSA3000	30	30	5-10	4	24x17x3	335	372.2	148.2
SSA3300	33	33	5-10	4	24x17x3	445	492.2	203.2
SSA3600	36	36	5-10	4	24x17x3	575	632.2	273.2
SSA3900	39	39	5-10	4	24x17x3	725	792.2	358.2
SSA4200	42	42	5-10	4	24x17x3	895	972.2	463.2
SSA4500	45	45	5-10	4	24x17x3	1085	1172.2	588.2
SSA4800	48	48	5-10	4	24x17x3	1295	1392.2	738.2
SSA5100	51	51	5-10	4	24x17x3	1525	1632.2	918.2
SSA5400	54	54	5-10	4	24x17x3	1775	1892.2	1128.2
SSA5700	57	57	5-10	4	24x17x3	2045	2172.2	1373.2
SSA6000	60	60	5-10	4	24x17x3	2335	2472.2	1648.2
SSA6300	63	63	5-10	4	24x17x3	2645	2792.2	1958.2
SSA6600	66	66	5-10	4	24x17x3	2975	3132.2	2308.2
SSA6900	69	69	5-10	4	24x17x3	3325	3492.2	2698.2
SSA7200	72	72	5-10	4	24x17x3	3695	3872.2	3133.2
SSA7500	75	75	5-10	4	24x17x3	4085	4272.2	3613.2
SSA7800	78	78	5-10	4	24x17x3	4495	4692.2	4143.2
SSA8100	81	81	5-10	4	24x17x3	4925	5132.2	4723.2
SSA8400	84	84	5-10	4	24x17x3	5375	5592.2	5358.2
SSA8700	87	87	5-10	4	24x17x3	5845	6072.2	6053.2
SSA9000	90	90	5-10	4	24x17x3	6335	6572.2	6813.2
SSA9300	93	93	5-10	4	24x17x3	6845	7092.2	7643.2
SSA9600	96	96	5-10	4	24x17x3	7375	7632.2	8548.2
SSA9900	99	99	5-10	4	24x17x3	7925	8192.2	9533.2
SSA10200	102	102	5-10	4	24x17x3	8495	8772.2	10603.2
SSA10500	105	105	5-10	4	24x17x3	9085	9372.2	11753.2
SSA10800	108	108	5-10	4	24x17x3	9695	9992.2	13003.2
SSA11100	111	111	5-10	4	24x17x3	10325	10632.2	14358.2
SSA11400	114	114	5-10	4	24x17x3	10975	11292.2	15813.2
SSA11700	117	117	5-10	4	24x17x3	11645	11972.2	17373.2
SSA12000	120	120	5-10	4	24x17x3	12335	12672.2	19043.2
SSA12300	123	123	5-10	4	24x17x3	13045	13392.2	20828.2
SSA12600	126	126	5-10	4	24x17x3	13775	14132.2	22733.2
SSA12900	129	129	5-10	4	24x17x3	14525	14892.2	24763.2
SSA13200	132	132	5-10	4	24x17x3	15295	15672.2	26923.2
SSA13500	135	135	5-10	4	24x17x3	16085	16472.2	29218.2
SSA13800	138	138	5-10	4	24x17x3	16895	17292.2	31653.2
SSA14100	141	141	5-10	4	24x17x3	17725	18132.2	34233.2
SSA14400	144	144	5-10	4	24x17x3	18575	18992.2	36963.2
SSA14700	147	147	5-10	4	24x17x3	19445	19872.2	39848.2
SSA15000	150	150	5-10	4	24x17x3	20335	20772.2	42883.2

POLE MOUNTED LIGHT BASE DETAIL N.T.S



PRELIMINARY PLAT - SITE PLAN

EDA Engineering Design Associates, P.A.
 Engineers, Environmental Planners, Landscape Architects
 CAMBRIDGE PROFESSIONAL OFFICES
 5 Cambridge Drive Ocean View, New Jersey 08230
 (609) 390-0332 • Fax (609) 390-9204
 CERTIFICATE OF AUTHORIZATION: 2636270350

ENGINEERING DETAILS
 BLOCK 3901, LOT 29
 MONROE TOWNSHIP
 GLOUCESTER COUNTY, NEW JERSEY

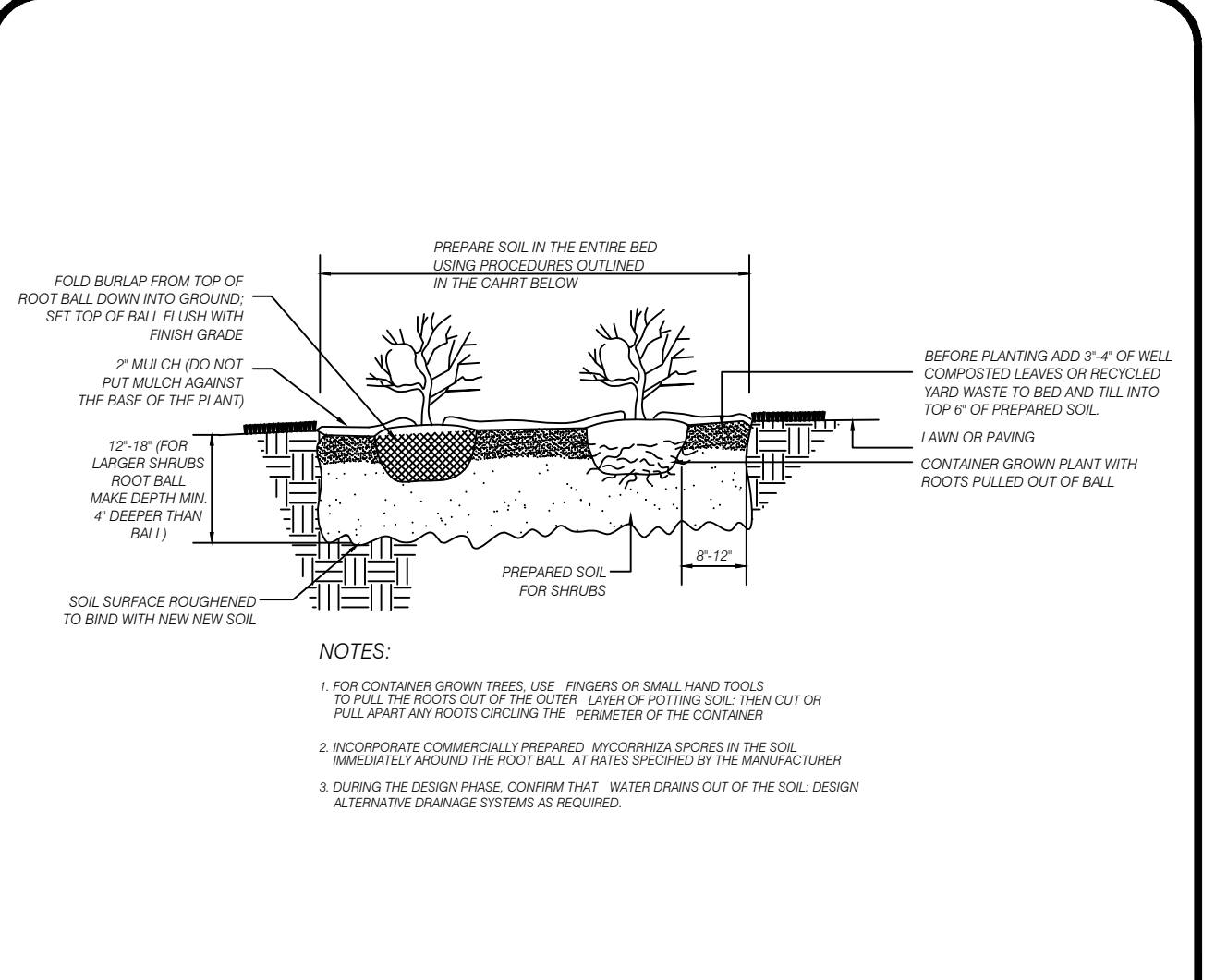
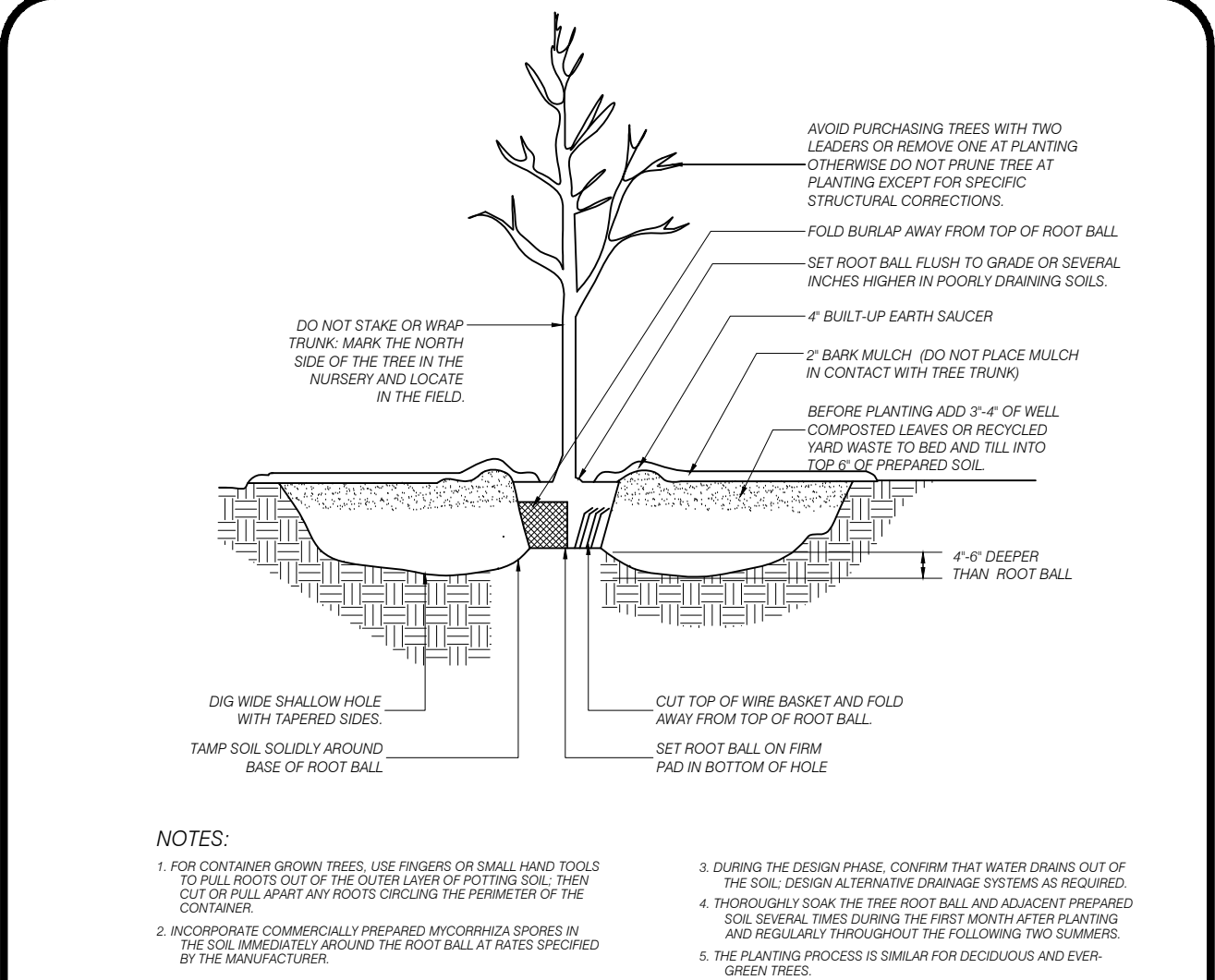
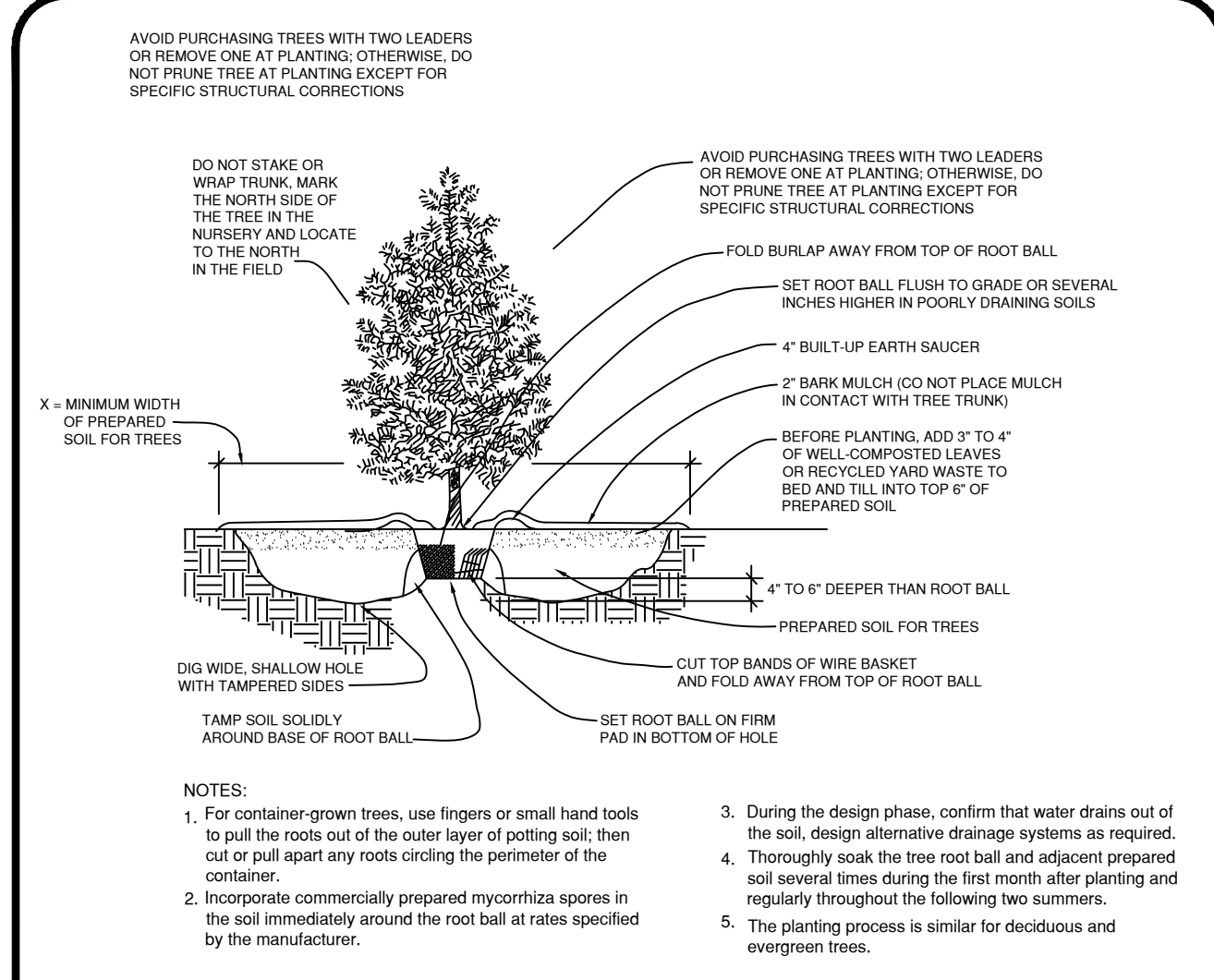
JOSEPH H. MAFFEI
 PROFESSIONAL ENGINEER
 N.J.P.E. LIC. #37894

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REV. PER RESOLUTION	12/22/20	MAJ
REVISION	DATE	BY

EDA

DATE: 10/5/20	DRAWN BY: MAJ
SCALE: N.T.S.	CHECKED BY: JHM
PROJECT #: 8146	SHEET: 10 OF 12



LANDSCAPE CONTRACTOR NOTES

- DRAWINGS TO BE SCALED FOR PURPOSES OF LOCATING SOIL, BERMS, PLANT MATERIAL, PLANTING BEDS, GROUND COVER AREAS AND OTHER SITE AMENITIES SHOWN. DRAWINGS ARE DIAGRAMATIC; PLANT MATERIAL SUBJECT TO FIELD ADJUSTMENT.
- ALL PLANT MATERIAL TO BE SET IN PREPARED MULCH BEDS. FINAL BED LINES TO BE APPROVED IN THE FIELD BY THE LANDSCAPE ARCHITECT OR HIS REPRESENTATIVE.
- LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL PLANT MATERIAL QUANTITIES. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. PLAN HOLDS PRECEDENT.

GRASSES

AREAS TO BE SEEDED SHALL CONSIST OF THE FOLLOWING SEED MIXTURES TO INSURE A HIGH QUALITY GRASS.

Switch Grass - 0.35 Lbs/1,000 SF
 Sheep Fescue - 0.45 Lbs/1,000 SF
 Little Bluestem - 0.45 Lbs/1,000 SF
 Deer Tongue - 0.25 Lbs/1,000 SF
 Partridge Pea - 0.25 Lbs/1,000 SF

FERTILIZING AND LIMING SHALL BE COMPLETED PRIOR TO SEEDING LAWN AREAS TWICE PER YEAR.

PLANTING BED

PLANTING BED TO BE CONSTRUCTED AS SHOWN ON DETAIL. BED TO BE CONSTRUCTED USING THE FOLLOWING SPECIFICATIONS OR AN APPROVED EQUAL.

A. MULCH - BEDS TO BE FILLED WITH A 4" LAYER OF LICORICE ROOT MULCH (RIGHT DRESS INC.)

B. WEED BARRIER - MULCH TO BE PLACED OVER TERRA TOP LS WEED CONTROL FABRIC OR 4 MIL BLACK POLYETHYLENE.

EVERGREEN TREE PLANTING DETAIL N.T.S.

SHADE TREE PLANTING DETAIL N.T.S.

SHRUB PLANTING DETAIL N.T.S.

LANDSCAPE CONTRACTOR NOTES N.T.S.

TEST PIT #1

DEPTH	DESCRIPTION
0"- 3"	10YR 4/2 Dark Grayish Brown, Sandy Loam, Subangular Blocky, Friable
3"- 23"	10YR 6/6 Reddish Yellow, Sandy Clay Loam, Subangular Blocky, Friable
23"- 42"	7.5YR 6/6 Reddish Yellow, Sandy Clay Loam, Subangular Blocky, Friable
42"- 53"	10YR 6/6 Brownish Yellow, Sandy Loam, Subangular Blocky, Friable
53"- 68"	10YR 6/6 Brownish Yellow, Sandy Clay Loam, Subangular Blocky, Friable
68"- 79"	10YR 7/6 Yellow, Loamy Sand, Subangular Blocky, Friable
79"- 111"	10YR 7/4 Very Pale Brown, Loamy Sand, Subangular Blocky, Friable
111"- 132"	10YR 7/3 Very Pale Brown, Loamy Sand, Subangular Blocky, Friable w/mottles of 10YR 8/1 White, Few, Fine & Faint & layers of 10YR 5/6 Yellowish Brown, Sandy Loam, Subangular Blocky, Friable

Depth of Seasonal High Water: 111"
 Depth of Groundwater: >132"
 Date Performed: 5/2/19
 Performed By: Christopher J. Carey, LLA
 Existing Grade Elevation: 131.35

TEST PIT #2

DEPTH	DESCRIPTION
0"- 5"	10YR 4/2 Dark Grayish Brown, Sandy Loam, Subangular Blocky, Friable
5"- 30"	10YR 6/6 Brownish Yellow, Sandy Clay Loam, Subangular Blocky, Friable
30"- 68"	7.5YR 6/8 Reddish Yellow, Sandy Clay Loam, Subangular Blocky, Friable
68"- 105"	7.5YR 6/6 Reddish Yellow, Loamy Sand, Subangular Blocky, Friable
105"- 123"	10YR 7/6 Yellow, Loamy Sand, Subangular Blocky, Friable w/mottles of 10YR 7/1 Light Gray, Few, Fine & Faint

Depth of Seasonal High Water: 105"
 Depth of Groundwater: >123"
 Date Performed: 5/2/19
 Performed By: Christopher J. Carey, LLA
 Existing Grade Elevation: 130.30

TEST PITS #1 & #2 N.T.S.

TEST PIT #3

DEPTH	DESCRIPTION
0"- 3"	10YR 4/2 Dark Grayish Brown, Sandy Loam, Subangular Blocky, Friable
3"- 28"	10YR 6/4 Light Yellowish Brown, Sandy Clay Loam, Subangular Blocky, Friable
28"- 47"	10YR 6/6 Brownish Yellow, Sandy Loam, Subangular Blocky, Friable
47"- 72"	10YR 6/6 Brownish Yellow, Sandy Loam, Subangular Blocky, Friable
72"- 80"	10YR 7/6 Yellow, Loamy Sand, Subangular Blocky, Friable
80"- 110"	10YR 7/6 Yellow, Sand, Single Grain, Loose
110"- 125"	10YR 7/6 Yellow, Sand, Single Grain, Loose w/mottles of 10YR 7/1 Light Gray, Few, Fine & Faint

Depth of Seasonal High Water: 110"
 Depth of Groundwater: >125"
 Date Performed: 5/2/19
 Performed By: Christopher J. Carey, LLA
 Existing Grade Elevation: 130.50

TEST PIT #4

DEPTH	DESCRIPTION
0"- 5"	10YR 4/2 Dark Grayish Brown, Sandy Loam, Subangular Blocky, Friable
5"- 24"	10YR 6/4 Light Yellowish Brown, Sandy Clay Loam, Subangular Blocky, Friable
24"- 67"	10YR 6/6 Brownish Yellow, Sandy Loam, Subangular Blocky, Friable w/ 40% Coarse Fragments
67"- 104"	10YR 7/6 Yellow, Loamy Sand, Subangular Blocky, Friable
104"- 120"	10YR 7/4 Very Pale Brown, Loamy Sand, Subangular Blocky, Friable w/mottles of 10YR 8/1 White, Few, Fine & Faint
80"- 110"	10YR 7/6 Yellow, Sand, Single Grain, Loose
110"- 125"	10YR 7/6 Yellow, Sand, Single Grain, Loose w/mottles of 10YR 7/1 Light Gray, Few, Fine & Faint

Depth of Seasonal High Water: 104"
 Depth of Groundwater: >120"
 Date Performed: 5/2/19
 Performed By: Christopher J. Carey, LLA
 Existing Grade Elevation: 129.75

TEST PITS #3 & #4 N.T.S.

TEST PIT #5

DEPTH	DESCRIPTION
0"- 7"	10YR 4/2 Dark Grayish Brown, Sandy Loam, Subangular Blocky, Friable
7"- 42"	10YR 6/4 Light Yellowish Brown, Sandy Clay, Massive & Firm
42"- 65"	7.5YR 6/6 Reddish Yellow, Sandy Loam, Subangular Blocky, Friable
65"- 84"	7.5YR 7/6 Reddish Yellow, Loamy Sand, Subangular Blocky, Friable
84"- 96"	10YR 7/6 Yellow, Loamy Sand, Subangular Blocky, Friable
96"- 120"	10YR 6/4 Light Yellowish Brown, Loamy Sand, Subangular Blocky, Friable w/mottles of 8/1 White, Few, Fine & Faint

Depth of Seasonal High Water: 96"
 Depth of Groundwater: >120"
 Date Performed: 5/2/19
 Performed By: Christopher J. Carey, LLA
 Existing Grade Elevation: 129.70

TEST PIT #6

DEPTH	DESCRIPTION
0"- 6"	10YR 4/2 Dark Grayish Brown, Sandy Loam, Subangular Blocky, Friable
6"- 26"	10YR 6/6 Brownish Yellow, Sandy Clay Loam, Subangular Blocky, Friable
26"- 35"	10YR 6/4 Light Yellowish Brown, Sandy Loam, Subangular Blocky, Friable
35"- 80"	10YR 6/6 Brownish Yellow, Sandy Loam, Subangular Blocky, Friable
80"- 108"	10YR 7/4 Very Pale Brown, Loamy Sand, Subangular Blocky, Friable
108"- 135"	10YR 7/3 Very Pale Brown, Loamy Sand, Subangular Blocky, Friable w/mottles of 8/1 White, Common, Medium & Distinct

Depth of Seasonal High Water: 108"
 Depth of Groundwater: >135"
 Date Performed: 5/2/19
 Performed By: Christopher J. Carey, LLA
 Existing Grade Elevation: 130.60

TEST PITS #5 & #6 N.T.S.

TEST PIT #7

DEPTH	DESCRIPTION
0"- 5"	10YR 4/2 Dark Grayish Brown, Sandy Loam, Subangular Blocky, Friable
5"- 24"	10YR 6/6 Brownish Yellow, Sandy Clay Loam, Subangular Blocky, Friable
24"- 88"	7.5YR 6/6 Reddish Yellow, Sandy Clay Loam, Subangular Blocky, Friable
88"- 120"	10YR 6/6 Brownish Yellow, Sandy Clay Loam, Subangular Blocky, Friable
120"- 132"	10YR 7/4 Very Pale Brown, Loamy Sand, Subangular Blocky, Friable w/mottles of 10YR 7/1 Light Gray, Few, Fine & Faint

Depth of Seasonal High Water: 120"
 Depth of Groundwater: >132"
 Date Performed: 5/2/19
 Performed By: Christopher J. Carey, LLA
 Existing Grade Elevation: 132.30

TEST PIT #8

DEPTH	DESCRIPTION
0"- 5"	10YR 4/2 Dark Grayish Brown, Sandy Loam, Subangular Blocky, Friable
5"- 40"	10YR 6/4 Light Yellowish Brown, Sandy Loam, Subangular Blocky, Friable
40"- 83"	7.5YR 6/6 Reddish Yellow, Sandy Clay Loam, Subangular Blocky, Friable
83"- 116"	7.5YR 6/4 Light Brown, Sandy Loam, Subangular Blocky, Friable
116"- 130"	10YR 7/3 Very Pale Brown, Loamy Sand, Subangular Blocky, Friable w/mottles of 10YR 8/1 White, Common, Medium & Distinct

Depth of Seasonal High Water: 116"
 Depth of Groundwater: >130"
 Date Performed: 9/25/19
 Performed By: Christopher J. Carey, LLA
 Existing Grade Elevation: 131.55

TEST PITS #7 & #8 N.T.S.

TEST PIT #9

DEPTH	DESCRIPTION
0"- 7"	10YR 4/2 Dark Grayish Brown, Sandy Loam, Subangular Blocky, Friable
7"- 25"	10YR 6/4 Light Yellowish Brown, Sandy Clay Loam, Subangular Blocky, Friable
25"- 87"	7.5YR 6/8 Reddish Yellow, Sandy Clay Loam, Subangular Blocky, Friable
87"- 119"	7.5YR 5/4 Brown, Sandy Loam, Subangular Blocky, Friable
119"- 133"	10YR 6/4 Light Yellowish Brown, Loamy Sand, Subangular Blocky, Friable w/mottles of 10YR 8/1 White, Common, Medium & Distinct

Depth of Seasonal High Water: 119"
 Depth of Groundwater: >133"
 Date Performed: 9/25/19
 Performed By: Christopher J. Carey, LLA
 Existing Grade Elevation: 131.75

TEST PIT #10

DEPTH	DESCRIPTION
0"- 5"	10YR 4/2 Dark Grayish Brown, Sandy Loam, Subangular Blocky, Friable
5"- 28"	10YR 6/4 Light Yellowish Brown, Sandy Clay Loam, Subangular Blocky, Friable
28"- 49"	10YR 6/6 Brownish Yellow, Sandy Loam, Subangular Blocky, Friable
49"- 79"	7.5YR 6/6 Reddish Yellow, Sandy Clay Loam, Subangular Blocky, Friable
79"- 112"	10YR 6/4 Light Yellowish Brown, Loamy Sand, Subangular Blocky, Friable
112"- 128"	10YR 6/3 Pale Brown, Loamy Sand, Subangular Blocky, Friable w/mottles of 10YR 7/1 Light Gray, Common, Medium & Distinct

Depth of Seasonal High Water: 112"
 Depth of Groundwater: >128"
 Date Performed: 9/25/19
 Performed By: Christopher J. Carey, LLA
 Existing Grade Elevation: 130.75

TEST PITS #9 & #10 N.T.S.

SOIL BORING #1

DEPTH	DESCRIPTION
0"- 4"	10YR 4/2 Dark Grayish Brown, Sandy Loam, Subangular Blocky, Friable
4"- 33"	10YR 6/6 Brownish Yellow, Sandy Clay Loam, Subangular Blocky, Friable
33"- 70"	7.5YR 6/8 Reddish Yellow, Sandy Clay Loam, Subangular Blocky, Friable
70"- 99"	7.5YR 6/6 Reddish Yellow, Loamy Sand, Subangular Blocky, Friable

Depth of Seasonal High Water: Not Encountered to 99"
 Depth of Groundwater: Not Encountered to 99"
 Date Performed: 8/5/19
 Performed By: Christopher J. Carey, LLA
 Existing Grade Elevation: 131.00

SOIL BORING #2

DEPTH	DESCRIPTION
0"- 5"	10YR 4/2 Dark Grayish Brown, Sandy Loam, Subangular Blocky, Friable
5"- 37"	10YR 6/6 Brownish Yellow, Sandy Clay Loam, Subangular Blocky, Friable
37"- 105"	7.5YR 6/8 Reddish Yellow, Sandy Clay Loam, Subangular Blocky, Friable
105"- 118"	7.5YR 6/6 Reddish Yellow, Loamy Sand, Subangular Blocky, Friable

Depth of Seasonal High Water: Not Encountered to 118"
 Depth of Groundwater: Not Encountered to 118"
 Date Performed: 10/5/20
 Performed By: Christopher J. Carey, LLA
 Existing Grade Elevation: 133.00

SOIL BORING #1 & #2 N.T.S.

ROBENT CONTROL AND EXTERMINATION

A. The purpose is to control existing rodent populations and any displacement that may occur onto adjacent properties due to proposed construction.

B. Prior to any construction, a qualified sanitarian shall survey the proposed project area for evidence of any rodent activity. If deemed necessary, a control program by a certified pest control operator shall be initiated.

C. At least 10 days before construction, the pest control operator shall rid the project site of rats and their carcasses and prevent migration to adjacent properties.

PEST CONTROL OPERATOR

A. The pest control operator shall be required to submit a signed statement reporting the visible results obtained from the rat control program and they type and amounts of toxic baits in each location, this report shall be submitted after the initial baiting and after all follow up inspections.

B. The pest control operator must be aware of the antidote for each rodenticide used.

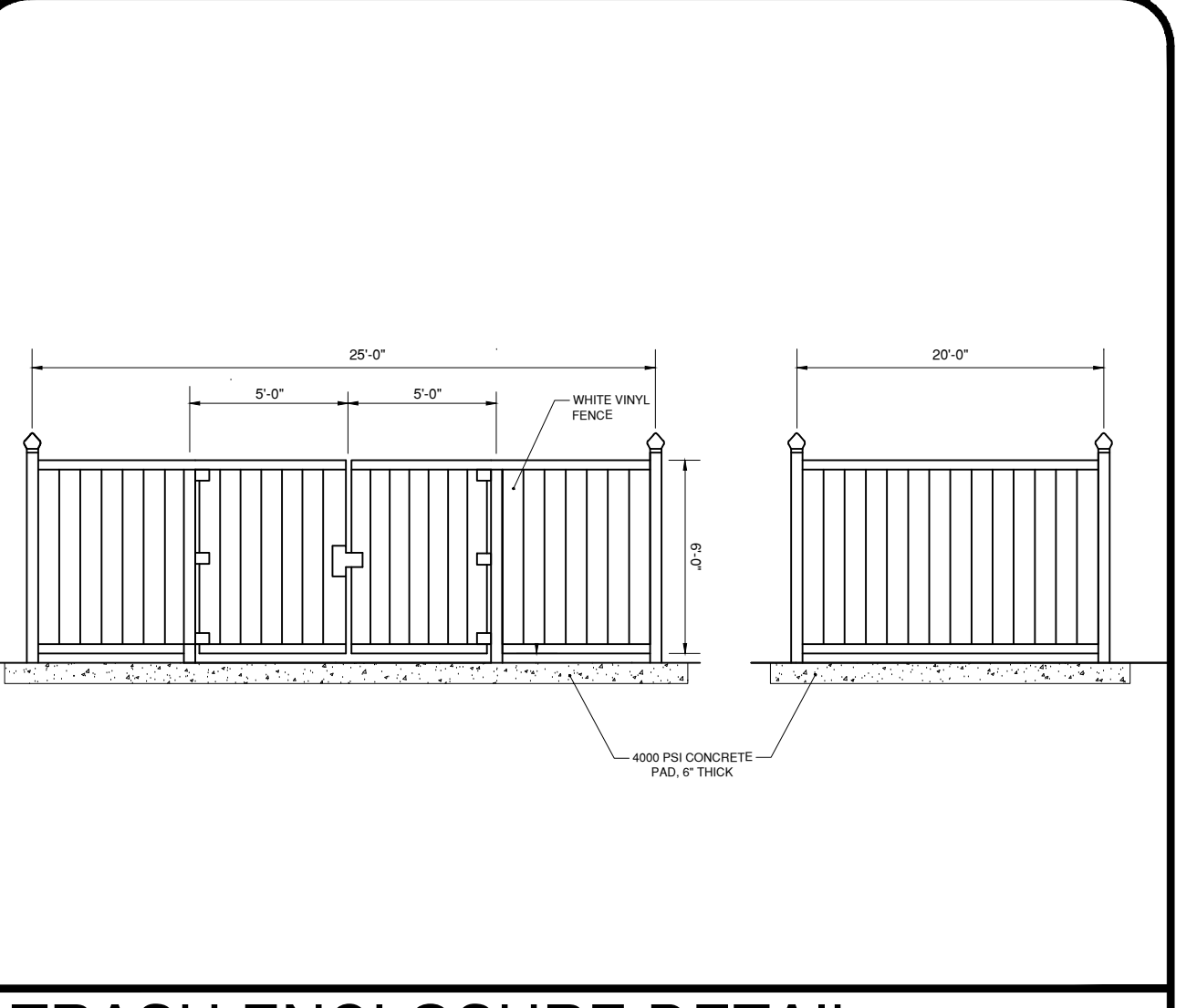
EXTERMINATING MATERIALS

A. The application of exterminating materials shall conform to Section 7:30 of the New Jersey Administrative Codes.

B. Toxic Baits

- Liquid anticonagulant baits may be used where there is no competing water supply. This type of bait is to be used at the discretion of the certified pest operator.
- Toxic bait in the form of one pound paraffinized block shall be placed in stormwater structures located on adjacent roadways.
- Baits shall be placed in appropriate locations within stormwater structures as determined by the pest control operator.
- Bait blocks shall be securely fastened in its location with wire.
- All visible carcasses of rats shall be removed and disposed to the satisfaction of the engineer.
- All toxic baits located in stormwater structures shall on the fifth day after initial baiting be inspected and renewed as required.

RODENT CONTROL & EXTERMINATION NOTES



TRASH ENCLOSURE DETAIL N.T.S.

PRELIMINARY PLAT - SITE PLAN

EDA Engineering Design Associates, P.A.
 Environmental Planners, Landscape Architects
 CAMBRIDGE PROFESSIONAL OFFICES
 5 Cambridge Drive Ocean View, New Jersey 08230
 (609) 390-0332 • Fax (609) 390-9204
 CERTIFICATE OF AUTHORIZATION: 26342/0350

ENGINEERING DETAILS
 BLOCK 3901, LOT 29
 MONROE TOWNSHIP
 GLOUCESTER COUNTY, NEW JERSEY

JOSEPH H. MAFFEI
 PROFESSIONAL ENGINEER
 N.J.P.E. LIC. #37894

Joseph H. Maffei

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REV. PER RESOLUTION	DATE	BY
12/22/20	MAJ	
REVISION	DATE	BY



DATE: 10/5/20	DRAWN BY: MAJ
SCALE: N.T.S.	CHECKED BY: JHM
PROJECT #: 8146	SHEET: 11 OF 12

