

# Drawing Index

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# SITE PLAN

# JERSEY SHORE UNIVERSITY

# MEDICAL CENTER

Block 115, Lot 2  
 2020 Corlies Avenue  
 Tax Map Sheet 18  
 Borough of Neptune City  
 Monmouth County, New Jersey



Dewberry Engineers Inc.  
 600 PARSONS ROAD  
 SUITE 301  
 PARSIPPANY, NJ 07054  
 973.739.3400 Phone  
 973.739.9710 Fax

Certificate of Authorization #24GA28047600

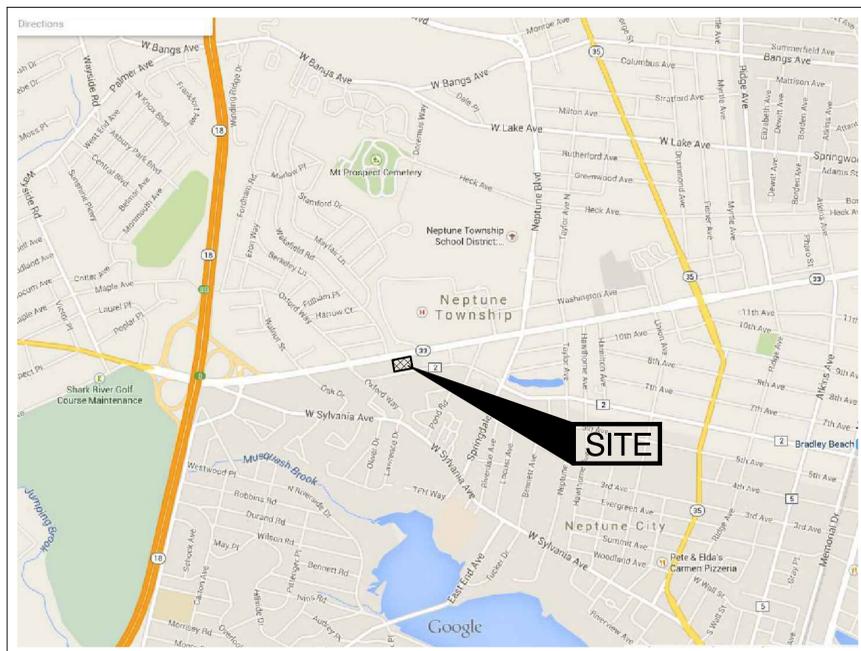


SITE PLAN  
 JERSEY SHORE UNIVERSITY MEDICAL CENTER

TAX MAP SHEET 18 BLOCK 115, LOT 2  
 2020 Corlies Avenue  
 Borough of Neptune City  
 Monmouth County, New Jersey

## Key Map

Scale: 1"=1000'±



## Applicant

Jersey Shore University Medical Center  
 A Division of Hackensack Meridian Health  
 1945 State Highway Route 33  
 Neptune, NJ 07753

## Owner

HMH HOSPITALS CORPORATION  
 1945 ROUTE 33  
 NEPTUNE, NJ 07753

## Site Information

Tax Lot 2 Block 115  
 Zone District: HC - Highway Commercial

## Approvals

Board Chairman \_\_\_\_\_ Date \_\_\_\_\_

Board Secretary \_\_\_\_\_ Date \_\_\_\_\_

Board Engineer \_\_\_\_\_ Date \_\_\_\_\_

SEAL



Mario Iannelli

Mario Iannelli, P.E.  
 New Jersey Professional Engineer License No. GE41749

SCALE

GRAPHIC SCALE



SCALE: AS NOTED

No.	DATE	BY	Description
REVISIONS			

DRAWN BY: CFS/FD  
 APPROVED BY: MIA  
 CHECKED BY: CFS/MI  
 DATE: 02/07/2025

TITLE

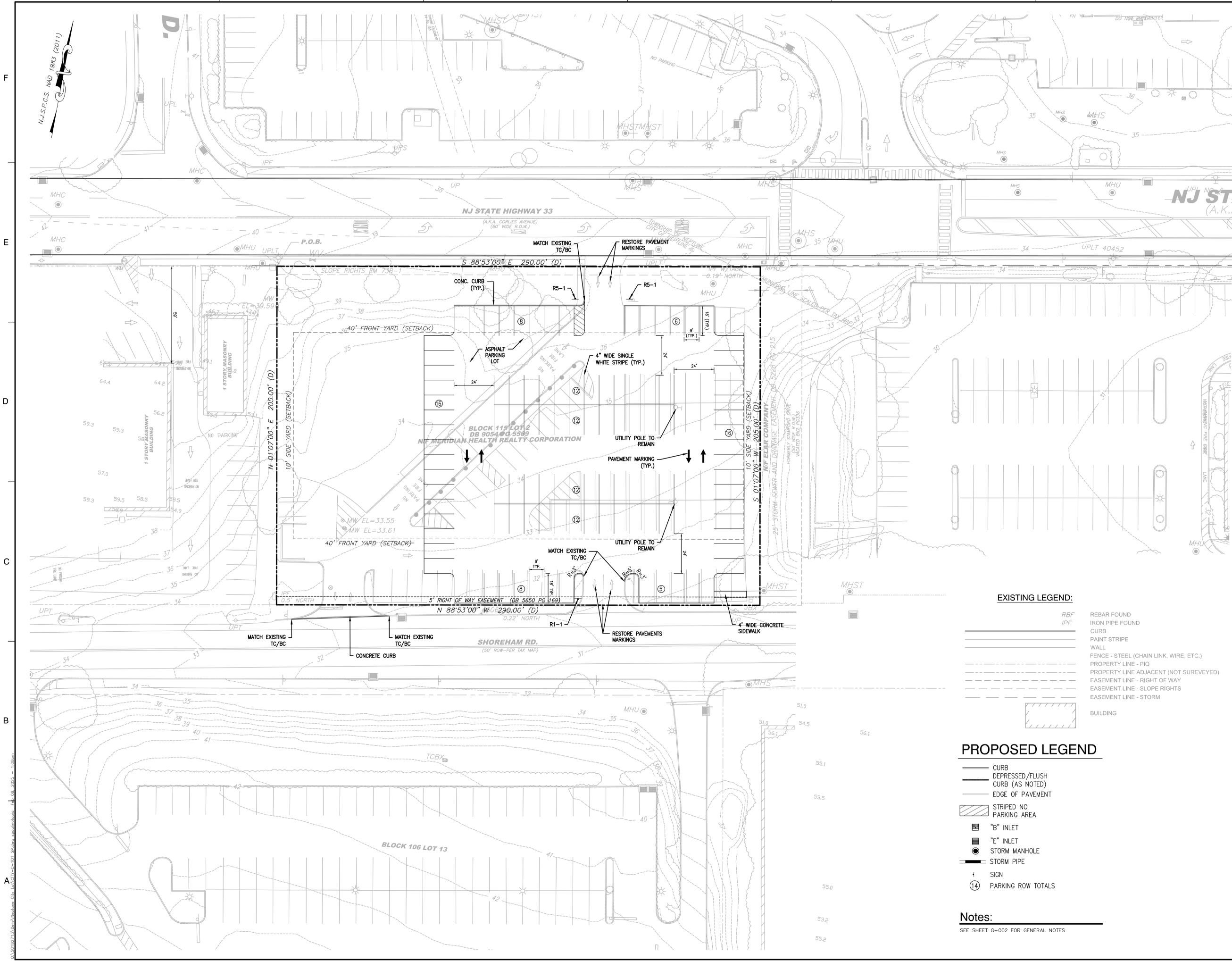
COVER SHEET

PROJECT NO. 50182713

**G-001**

SHEET NO.





Dewberry Engineers Inc.  
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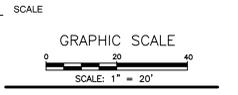


Mario Iannelli, P.E.  
 New Jersey Professional Engineer License No. GE41749

- EXISTING LEGEND:**
- RBF REBAR FOUND
  - IPF IRON PIPE FOUND
  - CURB CURB
  - PAIN STRIPE PAINT STRIPE
  - WALL WALL
  - FENCE - STEEL (CHAIN LINK, WIRE, ETC.) FENCE - STEEL (CHAIN LINK, WIRE, ETC.)
  - PROPERTY LINE - PIQ PROPERTY LINE - PIQ
  - PROPERTY LINE ADJACENT (NOT SUREVEYED) PROPERTY LINE ADJACENT (NOT SUREVEYED)
  - EASEMENT LINE - RIGHT OF WAY EASEMENT LINE - RIGHT OF WAY
  - EASEMENT LINE - SLOPE RIGHTS EASEMENT LINE - SLOPE RIGHTS
  - EASEMENT LINE - STORM EASEMENT LINE - STORM
  - BUILDING BUILDING

- PROPOSED LEGEND**
- CURB CURB
  - DEPRESSED/FLUSH CURB (AS NOTED) DEPRESSED/FLUSH CURB (AS NOTED)
  - EDGE OF PAVEMENT EDGE OF PAVEMENT
  - STRIPED NO PARKING AREA STRIPED NO PARKING AREA
  - "B" INLET "B" INLET
  - "E" INLET "E" INLET
  - STORM MANHOLE STORM MANHOLE
  - STORM PIPE STORM PIPE
  - SIGN SIGN
  - PARKING ROW TOTALS PARKING ROW TOTALS

**Notes:**  
 SEE SHEET G-002 FOR GENERAL NOTES



No.	DATE	BY	Description
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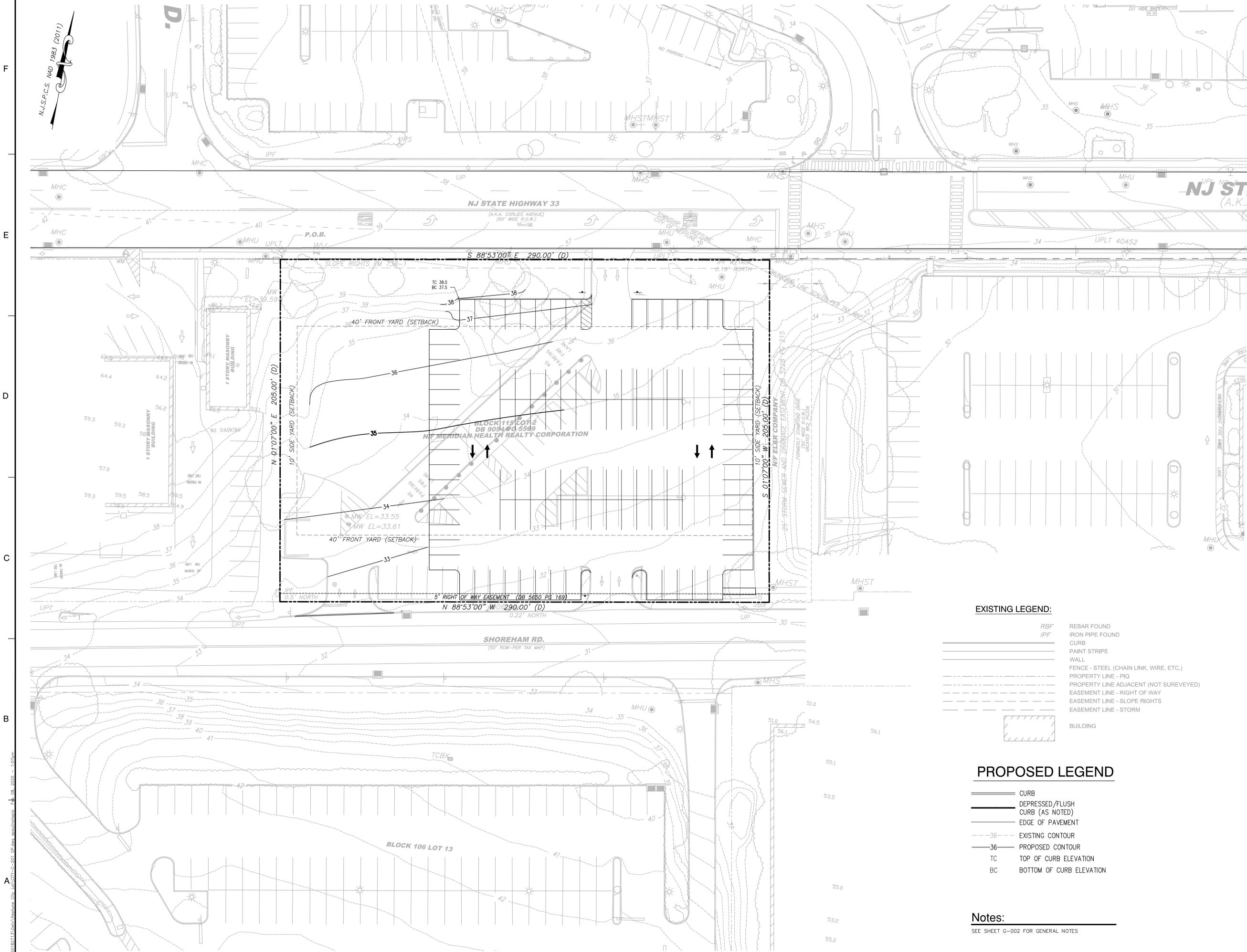
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 CHECKED BY: CFS/MI  
 DATE: 02/07/2025

**LAYOUT AND DIMENSION CONTROL PLAN**

PROJECT NO. 50182713

**C-101**

SHEET NO.



N.J.S.P.C.S. MAD 1983 (2011)

NJ STATE HIGHWAY 33  
(A.K.A. CORLIES AVENUE)  
(60' WIDE P.L.O.W.)

SHOREHAM RD.  
(60' ROW-PER TAX MAP)

N 01°07'00" E 205.00' (D)  
10' SIDE-YARD (SETBACK)

BLOCK 115 LOT 2  
DB 9054 @ 5589  
NIF MERIDIAN HEALTH REALTY CORPORATION

S 01°07'00" W 205.00' (D)  
10' SIDE-YARD (SETBACK)

N 88°53'00" W 01°290.00' (D)  
5' RIGHT OF WAY EASEMENT (DB 5650 PG 169)

**EXISTING LEGEND:**

- RBF REBAR FOUND
- IPF IRON PIPE FOUND
- CURB CURB
- PAINT STRIPE PAINT STRIPE
- WALL WALL
- FENCE - STEEL (CHAIN LINK, WIRE, ETC.) FENCE - STEEL (CHAIN LINK, WIRE, ETC.)
- PROPERTY LINE - PIQ PROPERTY LINE - PIQ
- PROPERTY LINE ADJACENT (NOT SUREVEYED) PROPERTY LINE ADJACENT (NOT SUREVEYED)
- EASEMENT LINE - RIGHT OF WAY EASEMENT LINE - RIGHT OF WAY
- EASEMENT LINE - SLOPE RIGHTS EASEMENT LINE - SLOPE RIGHTS
- EASEMENT LINE - STORM EASEMENT LINE - STORM
- BUILDING BUILDING

**PROPOSED LEGEND**

- CURB CURB
- DEPRESSED/FLUSH CURB (AS NOTED) DEPRESSED/FLUSH CURB (AS NOTED)
- EDGE OF PAVEMENT EDGE OF PAVEMENT
- EXISTING CONTOUR EXISTING CONTOUR
- PROPOSED CONTOUR PROPOSED CONTOUR
- TC TOP OF CURB ELEVATION
- BC BOTTOM OF CURB ELEVATION

**Notes:**

SEE SHEET G-002 FOR GENERAL NOTES



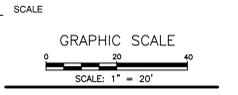
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**JERSEY SHORE UNIVERSITY MEDICAL CENTER**



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New Jersey Professional Engineer License No. GE41749



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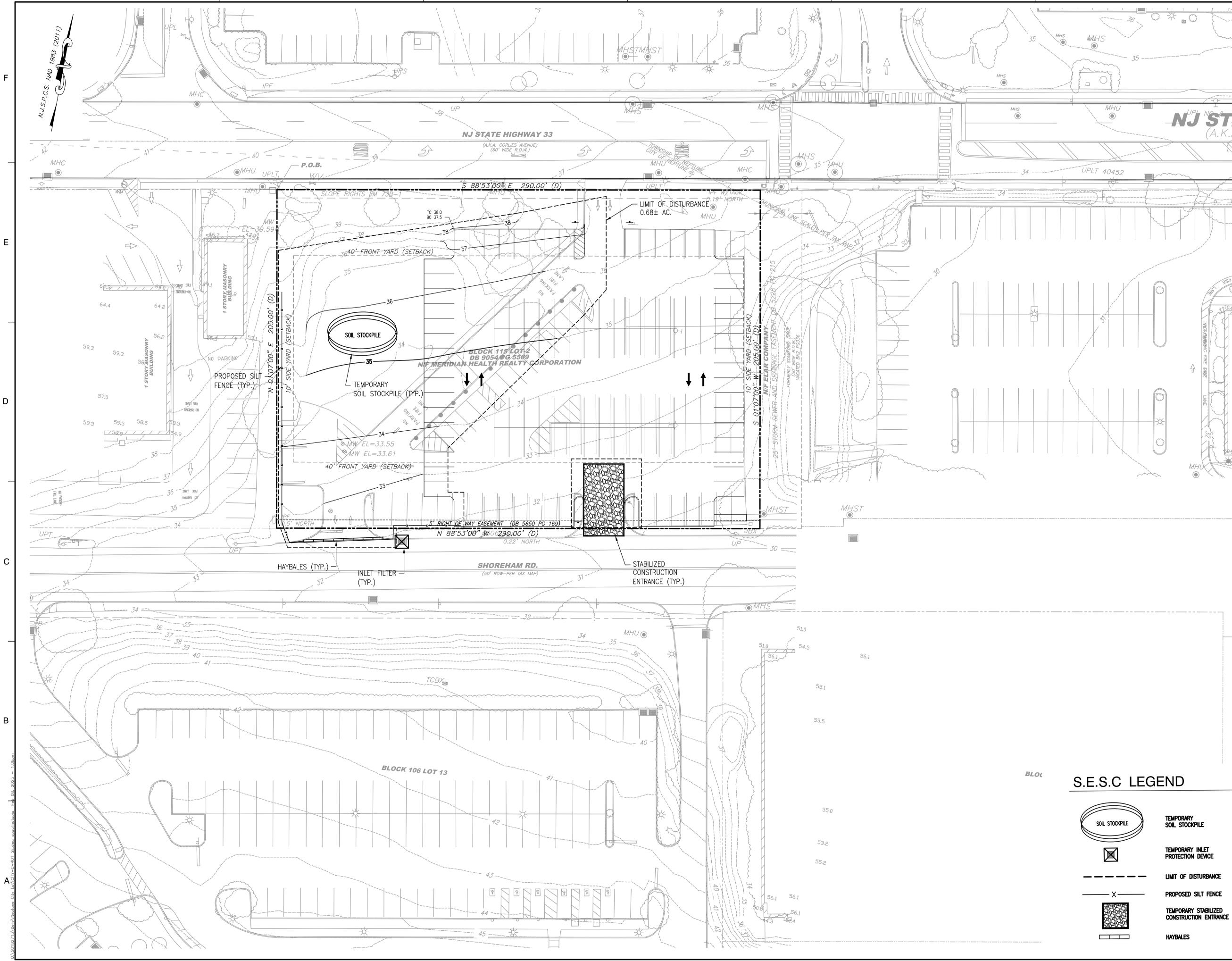
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**GRADING PLAN**

PROJECT NO. 50182713

**C-201**

SHEET NO.



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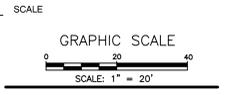


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TAX MAP SHEET 18 BLOCK 115, LOT 2  
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DRAWN BY: CFS/FD  
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TITLE:

**SOIL EROSION AND SEDIMENT CONTROL PLAN**

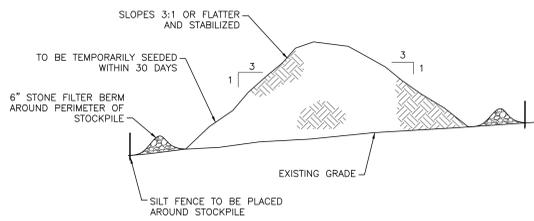
PROJECT NO. 50182713

**C-401**

SHEET NO.

**S.E.S.C LEGEND**

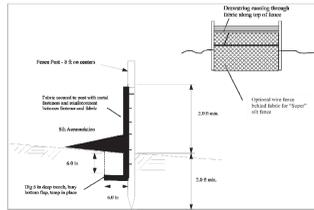
- SOIL STOCKPILE
- TEMPORARY SOIL STOCKPILE
- TEMPORARY INLET PROTECTION DEVICE
- LIMIT OF DISTURBANCE
- PROPOSED SILT FENCE
- TEMPORARY STABILIZED CONSTRUCTION ENTRANCE
- HAYBALES



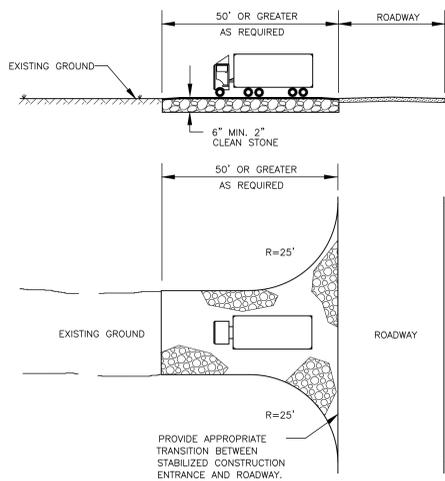
**C-402.1** **TEMPORARY TOPSOIL STOCKPILE**  
N.T.S.

Standards for Soil Erosion and Sediment Control in New Jersey January 2014

Figure 23-2: Silt Fence construction and installation detail



**C-402.2** **SEDIMENT CONTROL FENCE**  
N.T.S.



**C-402.3** **STABILIZED CONSTRUCTION ENTRANCE**  
N.T.S.

Standards for Soil Erosion and Sediment Control in New Jersey January 2014

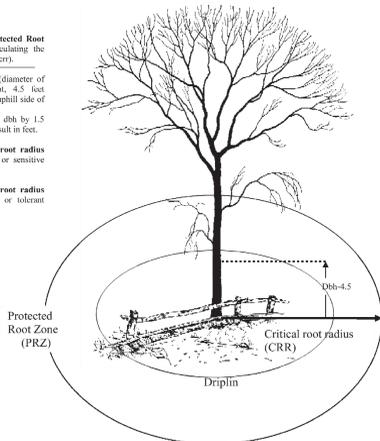
Figure 9-3: Root Protection During Construction Guide

Estimate a tree's Protected Root Zone (PRZ) by calculating the Critical Root Radius (CRR).

1. Measure the dbh (diameter of tree at breast height, 4.5 feet above ground on the uphill side of tree) in inches.
2. Multiply measured dbh by 1.5 or 1.0. Express the result in feet.

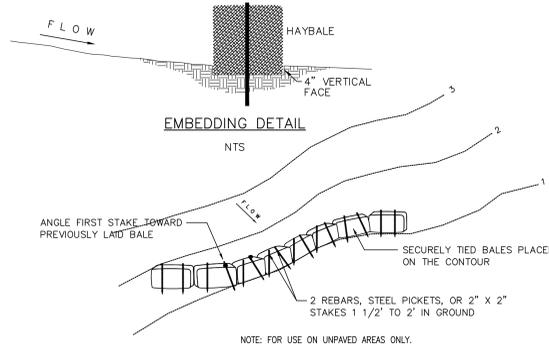
Dbh x 1.5: Critical root radius for older, unhealthy, or sensitive species.

Dbh x 1.0: Critical root radius for younger, healthy or tolerant species.



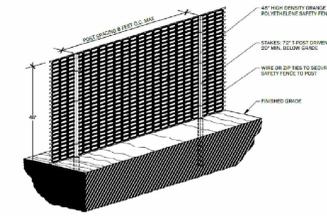
1. Protecting Trees from Construction Damage: A Homeowners Guide, Gary R. Johnson, University of Minnesota Extension Service, Saint Paul, MN, 1999.

**C-402.4** **TREE PROTECTION**  
N.T.S.



**C-402.5** **HAYBALE SEDIMENT BARRIER**  
N.T.S.

NOTE: FOR USE ON UNPAVED AREAS ONLY.



**ORANGE TREE PROTECTION SNOW FENCE**

1. 4' HIGH ORANGE PLASTIC SAFETY FENCE
2. STAKES 20' APART
3. STAKES 20" IN GROUND

**TREE PROTECTION SNOW FENCE**

N.T.S.

**Soil De-compaction and Testing Requirements**

**Soil Compaction Testing Requirements**

1. 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.
2. Areas of the site which are subject to compaction testing and/or mitigation are **graphically denoted** on the certified soil erosion control plan.
3. **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 remediation 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.
4. 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 excessively compacted areas would require compaction mitigation. Additional detailed testing shall be performed by a trained, licensed professional.

**Compaction Testing Methods**

- A. Probing Wire Test (see detail)
- B. Hand-held Penetrometer Test (see detail)
- C. Tube Bulk Density Test (licensed professional engineer required)
- D. 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**

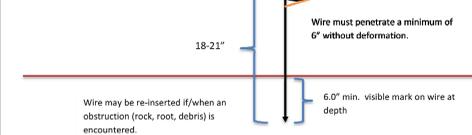
Procedures shall be used to mitigate excessive soil compaction **prior to placement of topsoil** and establishment of permanent vegetative cover.

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 may be substituted subject to District Approval.

**Simplified Testing Methods**

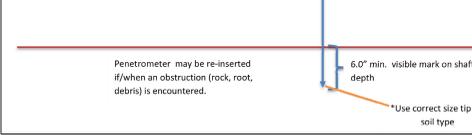
**Probing Wire Test- 15.5 ga steel wire (survey flag)**

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.

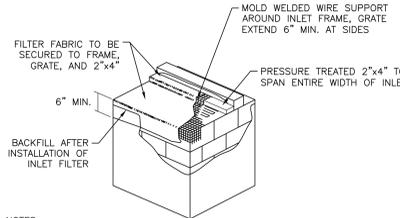


**Handheld Soil Penetrometer Test**

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.

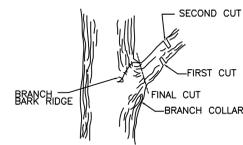


**C-402.6** **INLET FILTER**  
N.T.S.

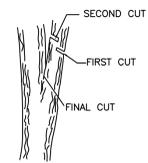


**NOTES:**

1. CONTRACTOR TO CLEAN INLET FILTER AFTER EVERY STORM.
2. CONTRACTOR TO REMOVE FABRIC AND WIRE SUPPORT JUST PRIOR TO PAVING.
3. INLET FILTER PROTECTION DESIGNED TO SAFELY PASS FLOWS FROM STORMS GREATER THAN 1 YEAR DESIGN FREQUENCY.



**C-402.7** **REMOVAL OF TREE LIMB**  
N.T.S.



**C-402.8** **REMOVAL OF "V" CROTCH LIMB**  
N.T.S.



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SEAL



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New Jersey Professional Engineer License No. GE41749

SCALE

GRAPHIC SCALE

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REVISIONS			

DRAWN BY: CFS/FD  
APPROVED BY: MIA  
CHECKED BY: CFS/MI  
DATE: 02/07/2025

TITLE

**SOIL EROSION AND SEDIMENT CONTROL NOTES AND DETAILS**

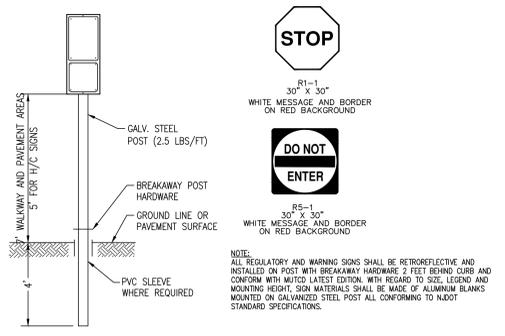
PROJECT NO. 50182713

**C-402**

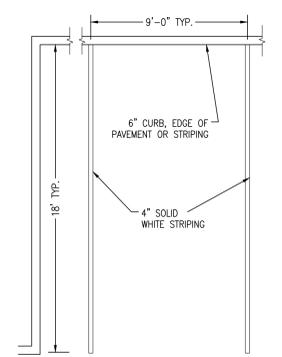
SHEET NO.



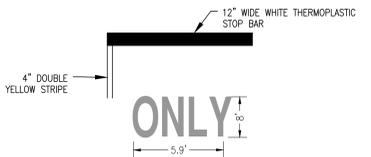
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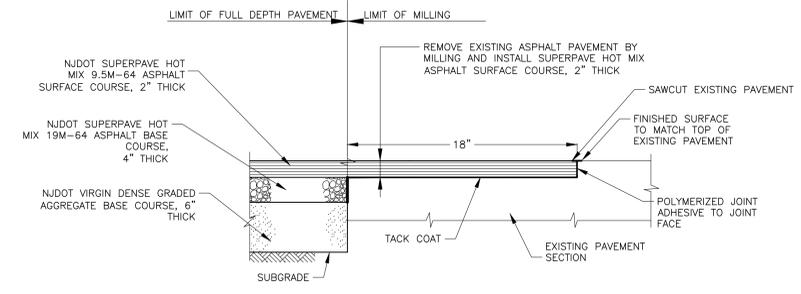
**C-701.01 SIGNAGE**  
N.T.S.



**C-701.02 TYPICAL PARKING STALL**  
N.T.S.

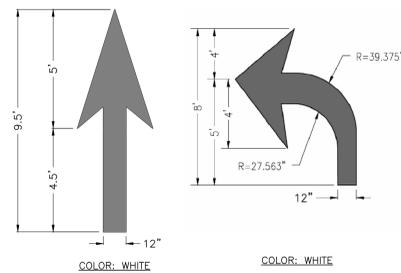


**C-701.03 STRIPING**  
N.T.S.

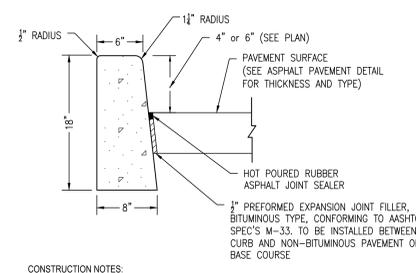


**C-701.04 FULL DEPTH PAVEMENT MEETING EXISTING PAVEMENT**  
N.T.S.

E

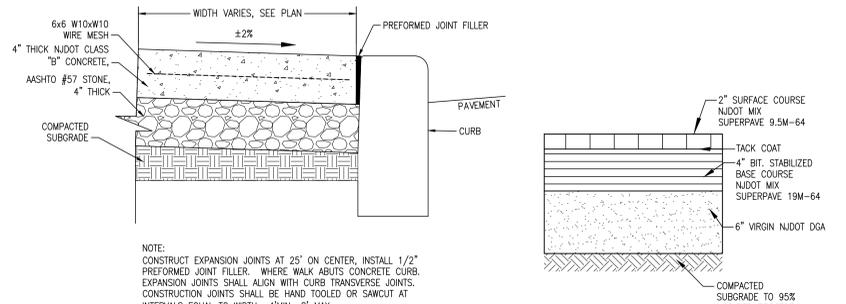


**C-701.05 PAVEMENT MARKING ARROW**  
N.T.S.



**CONSTRUCTION NOTES:**  
 1. ALL CONCRETE SHALL BE CONCRETE NIDOT CLASS B AIR-ENTRAINED.  
 2. EXPANSION JOINTS TO BE LOCATED A MAXIMUM OF 20' ON CENTER. EXPANSION MATERIAL TO BE PREMOLDED ASPHALT IMPREGNATED A MINIMUM OF 1/2" THICK. CONTRACTION JOINTS TO BE LOCATED A MAXIMUM OF 10' ON CENTER. ALL JOINTS TO BE FULL DEPTH OF 18".  
 3. DEPRESSED AND FLUSH VERTICAL CURBS SHALL BE FULL DEPTH OF 18".

**C-701.06 CONCRETE CURB**  
N.T.S.



**C-701.07 CONCRETE SIDEWALK**  
N.T.S.

**C-701.08 ASPHALT PAVEMENT SECTIONS**  
N.T.S.

D

C

B

A



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**CONSTRUCTION DETAILS-1**

PROJECT NO. 50182713

**C-701**

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