

GREENE CORRECTIONAL INSTITUTION

2699 HIGHWAY 903
MAURY, NC 28554
GREENE COUNTY
SITE SECURITY NETTING PLANS

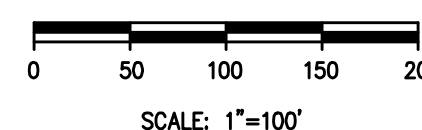


LOCATION MAP
N.T.S.

| SHEET INDEX | |
|----------------------------|--------|
| TITLE SHEET | C-001 |
| EXISTING CONDITIONS | 1 OF 1 |
| SITE SECURITY NETTING PLAN | C-100 |



INDEX MAP



CONTROL POINTS

(ALL EXISTING AND PROPOSED ELEVATIONS ARE BASED ON 1988 NAVD (USGS) DATUM)

| | |
|--|--|
| CP#1 BRIDGE SPIKE N: 631705.829 E: 2417423.288 ELEV. 77.33' | CP#2 BRIDGE SPIKE N: 631428.083 E: 2417023.608 ELEV. 75.30' |
|--|--|

OWNER / APPLICANT

NORTH CAROLINA DEPARTMENT OF ADULT CORRECTION
CENTRAL ENGINEERING
2020 YONKERS ROAD (4216 MSC)
RALEIGH, NC 27699-4216
PHONE (919) 324 1241
CONTACT: MICHAEL GASHAW

ENGINEER

ms consultants, inc.
2221 SCHROCK ROAD
COLUMBUS, OHIO 43229
PHONE: (614) 898-7100
CONTACT: IAN AULTMAN

SURVEYOR

NVS ENGINEERS & CONSULTANTS, INC.
6750 TRYON ROAD
CARY, NC 27518
PHONE: (919) 851-1912
CONTACT: ERIC S. SMITH



REVISION/DATE/DESCRIPTION

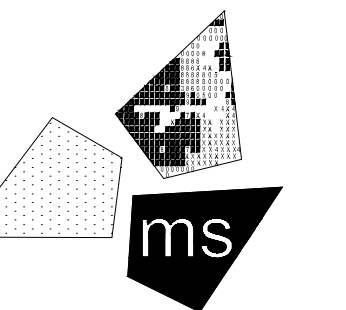
07/17/23 - NCDAC SUBMITTAL
08/24/23 - ISSUED FOR BID

NOTICE

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SCO# 21-23302-01A
NCDAC JO # 4443



ms consultants, inc.

engineers, architects, planners
5444 Wade Park Blvd., Suite 160
Raleigh, North Carolina 27607
phone 919.772.5565
fax 919.779.2308

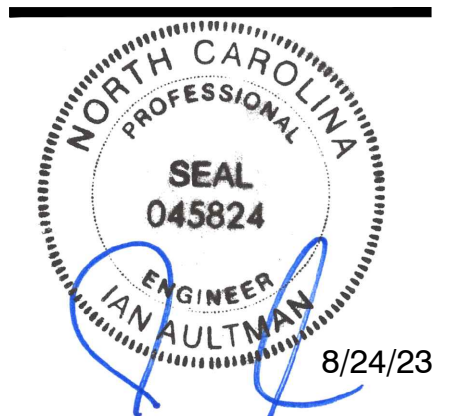
PROJECT

GREENE CI
SECURITY NETTING

2699 HIGHWAY 903
MAURY, NC 28554

SHEET TITLE

TITLE SHEET



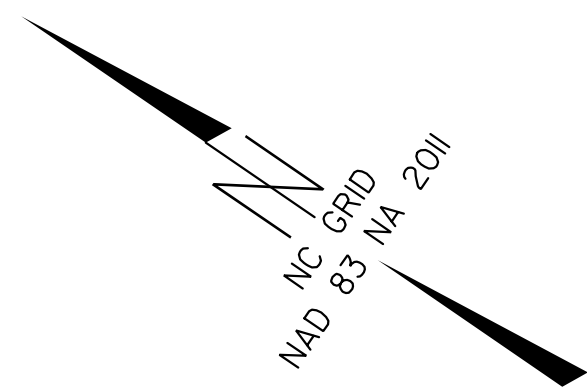
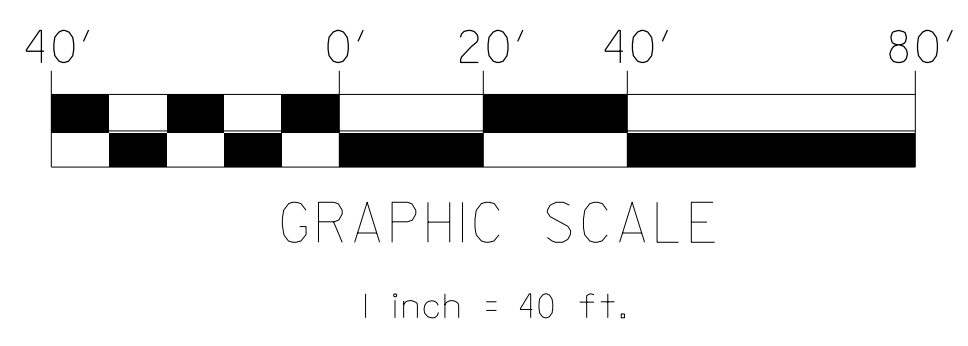
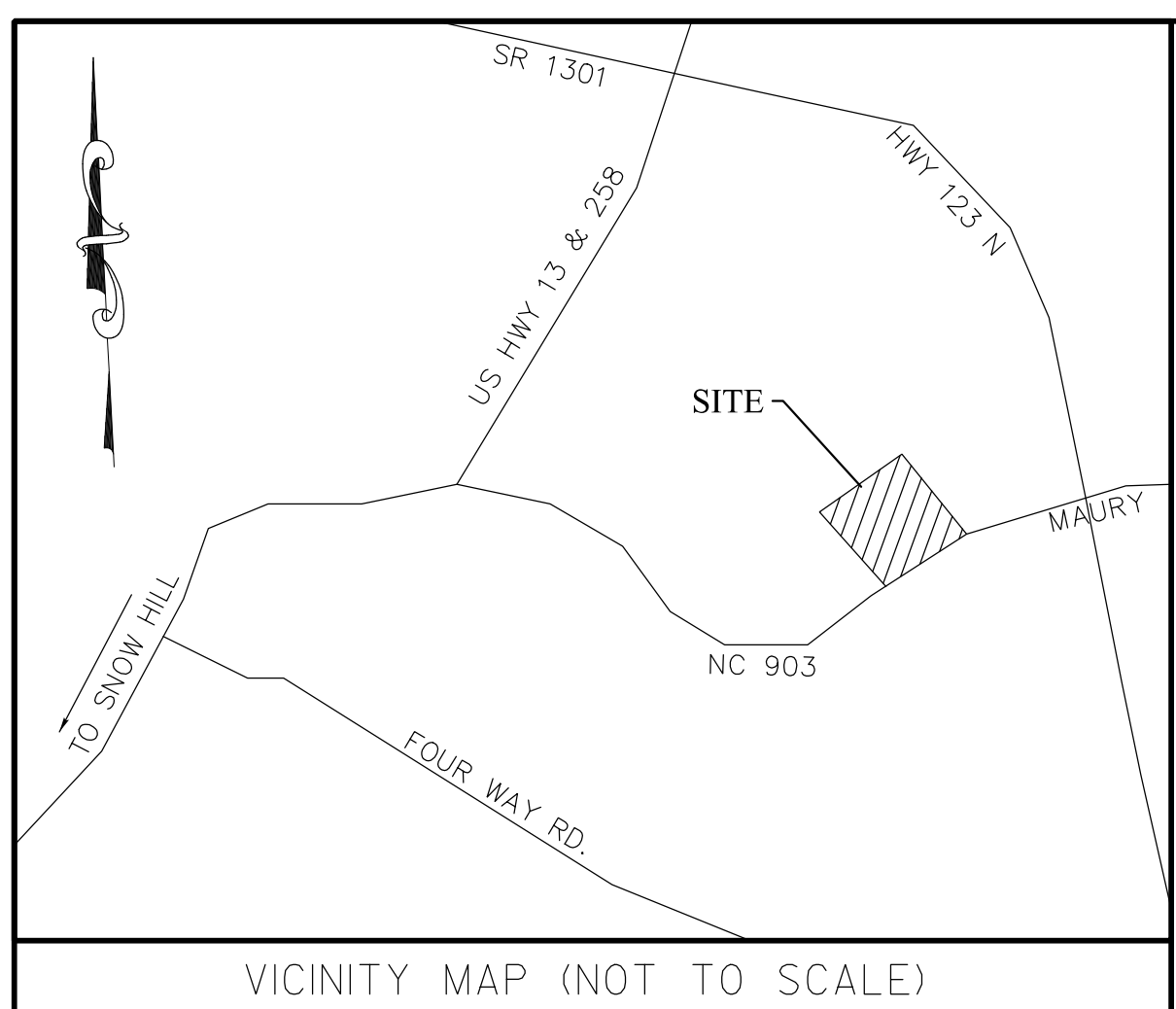
DRAWN BY: AMA

CHECKED BY: IA

PROJECT NO: 64-12A09-03

DRAWING

C-001



LEGEND

| | |
|--|--|
| | PAINT MARK UNDERGROUND WATER LINE (LOS B) |
| | PAINT MARK UNDERGROUND POWER CABLE (LOS B) |
| | OVERHEAD ELECTRIC LINES |
| | PAINT MARK UNDERGROUND TELEPHONE CABLE (LOS B) |
| | PAINT MARK UNDERGROUND GAS LINE (LOS B) |
| | UNDERGROUND STORM PIPE |
| | FENCE |

| | | | |
|--|-----------------------|--|--------------------------|
| | PROJECT CONTROL | | ASPHALT |
| | POWER TRANSFORMER | | CONCRETE |
| | POWER HANDHOLE | | GRAVEL |
| | TELEPHONE PEDESTAL | | METAL |
| | CLEANOUT | | INVERT |
| | LIGHT POLE | | REINFORCED CONCRETE PIPE |
| | POWER POLE W/ LIGHT | | END OF INFORMATION |
| | WATER VALVE OR SPIGOT | | UNKNOWN |
| | | | CHAIN LINK FENCE |
| | | | BUILDING |
| | | | 3 STRAND BARBED WIRE |
| | | | BOLLARD |
| | | | SHED |
| | | | GUY WIRE |

- SURVEYOR'S NOTES:
- THE BASIS OF BEARINGS FOR THIS SURVEY IS NAD 83 (2011) SPCS, USING A TRIMBLE R8 GNSS GPS UNIT AND THE REAL TIME NETWORK (RTN).
 - ALL ELEVATIONS ARE BASED ON NAVD88 IN FEET.
 - ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES IN FEET.
 - SURFACE DTM SET AT 1' CONTOUR INTERVALS.
 - THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND MAY BE SUBJECT TO ANY MATTERS THAT A FULL TITLE SEARCH WOULD DISCLOSE.
 - NO PORTION OF THE SUBJECT PROPERTY IS IN A SPECIAL FLOOD HAZARD AREA PER FEMA MAP NUMBER 3720460200K, EFFECTIVE DATE APRIL 16TH, 2013.
 - ZONING FOR THE ENTIRE SUBJECT PROPERTY RESIDES IN THE GREENE COUNTY "RURAL" ZONE.
 - SUBSURFACE UTILITIES WERE MARKED BY NV5 SUE DEPT, AND PAINT MARKINGS WERE FIELD MEASURED BY NV5 SURVEYS DEPT.
 - THE PURPOSE OF THIS SURVEY IS TO PROVIDE A REPORT OF EXISTING CONDITIONS AND LOCATIONS OF THE ITEMS SHOWN.

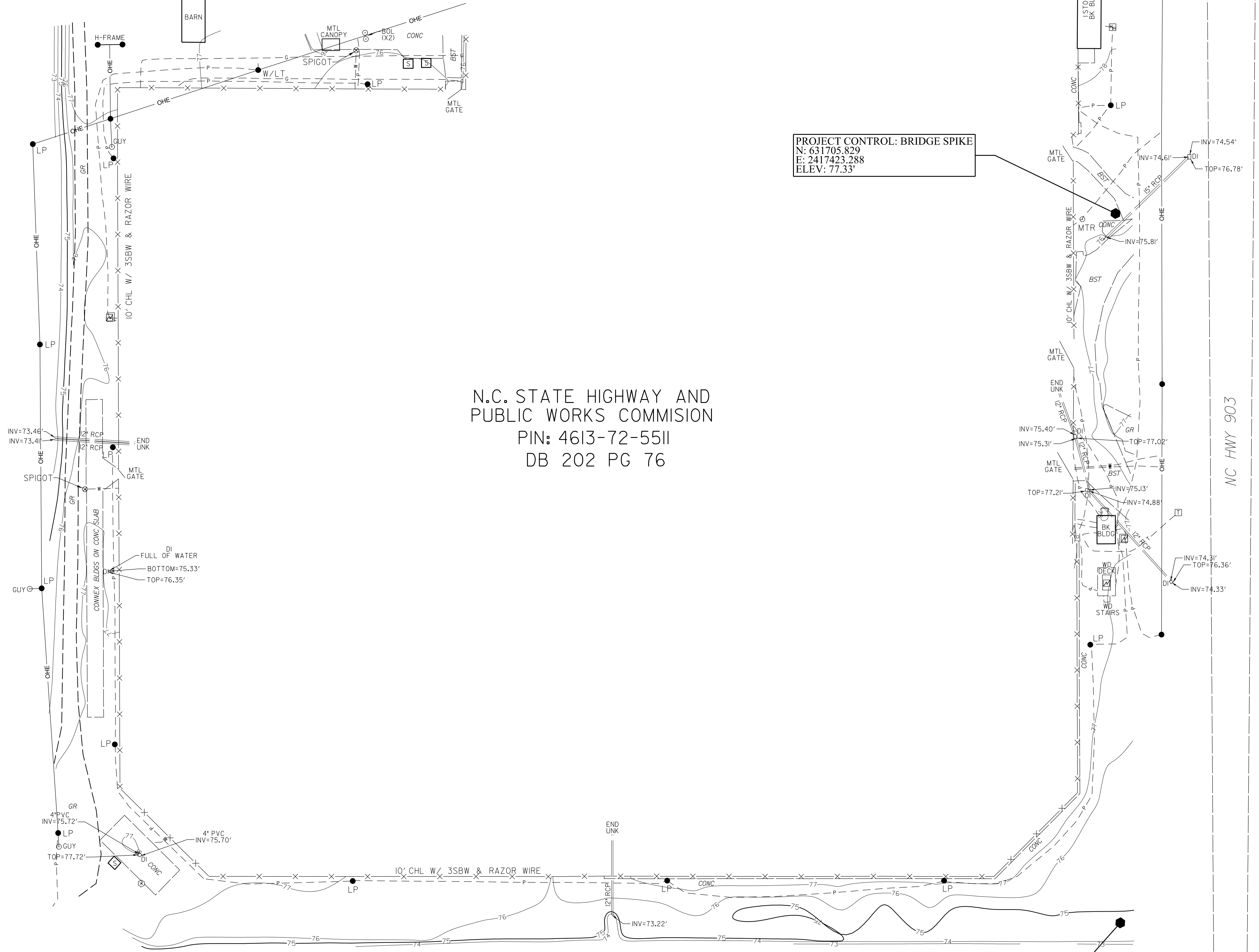
I, ERIC S. SMITH, CERTIFY THAT THIS TOPOGRAPHICAL SURVEY WAS COMPLETED UNDER MY DIRECT AND RESPONSIBLE CHARGE FROM AN ACTUAL SURVEY COMPLETED ON JUNE 19, 2020 PERFORMED TO MEET THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.606 TOPOGRAPHICAL SURVEYS) ACCURACY STANDARDS OF HORIZONTAL CLASS AA AND VERTICAL CLASS G; THAT THE HORIZONTAL COORDINATES ARE BASED ON NAD 1983/2011; AND ALL ELEVATIONS ARE BASED ON NAVD88;

WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS DAY 6/25/2020

DocuSigned by:
Eric S. Smith
9C2715EF82E1443...
PROFESSIONAL LAND SURVEYOR DATE
REGISTRATION NO. L-5259 (SEE REVISIONS)



FIELD SURVEY CONDUCTED: 6/15/20 TO 6/19/20



N.C. STATE HIGHWAY AND
PUBLIC WORKS COMMISSION
PIN: 4613-72-55II
DB 202 PG 76

NV5
NV5 ENGINEERS & CONSULTANTS, INC.
6750 TRYON ROAD
CARY, NC 27518
P: 919.851.1912
www.nv5.com
Formerly CALY Engineers & Consultants

TOPOGRAPHIC & EXISTING CONDITIONS SURVEY
FOR GREENE COUNTY CORRECTIONAL INSTITUTION

GREENE COUNTY, OLDS TWP., NORTH CAROLINA

| NO. | DATE | REVISIONS | REMARKS |
|-----|------|-----------|---------|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| 6. | | | |
| 7. | | | |
| 8. | | | |

PROJECT NO: 2020022.02

DRAWN BY: ESS
DWG. CHECKED BY: ESS
SCALE: SEE PLAN
DATE: JUNE 22, 2020

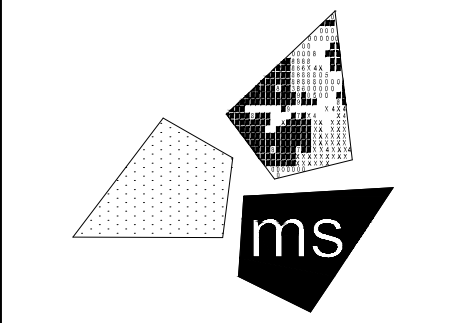
SHEET 1 OF 1

| | |
|----------|-------------------|
| 07/17/23 | - NCDAC SUBMITTAL |
| 8/8/23 | - SCO RESPONSE |
| 08/24/23 | - ISSUED FOR BID |

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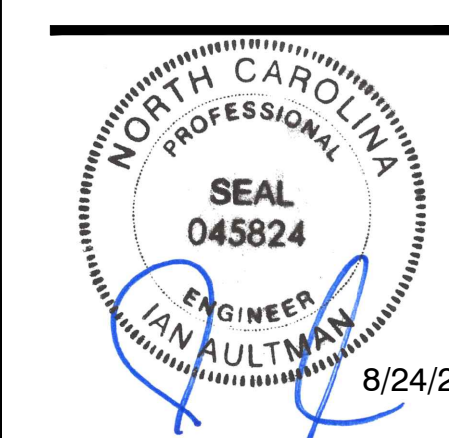
PROJECT

GREENE CI
SECURITY NETTING

2699 HIGHWAY 903
MAURY, NC 28554

SHEET TITLE

SITE SECURITY
NETTING PLAN



DRAWN BY: AMA

CHECKED BY: IA

PROJECT NO: 64-12A09-03

DRAWING

C-100

GENERAL NOTES:

- ALL EXISTING UTILITIES, TOPOGRAPHY, UTILITIES AND PROPERTY INFORMATION ARE TAKEN FROM A SURVEY OF LAND SITUATED IN THE COMMUNITY OF MAURY, COUNTY OF GREENE, STATE OF NORTH CAROLINA, BY SURVEYOR: NV5 ENGINEERS & CONSULTANTS, INC., 6750 TRYON ROAD, CARY, NORTH CAROLINA, 27516, PH: (919) 851-1912.
- CONTRACTOR IS RESPONSIBLE FOR LOCATING AND VERIFYING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION, AND IS RESPONSIBLE FOR ANY DAMAGE TO THEM DURING CONSTRUCTION.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- ALL CONSTRUCTION METHODS AND MATERIALS MUST CONFORM TO CURRENT STANDARDS AND SPECIFICATIONS OF THE FEDERAL, STATE, COUNTY, CITY OR LOCAL REQUIREMENTS, WHICHEVER HAS JURISDICTION.
- ALL EXCAVATED AREAS TO BE SEEDED AND/OR SODDED AFTER FINISH GRADING UNLESS OTHERWISE NOTED. ALL NEWLY SEEDED/SODDED AREAS SHALL HAVE A MINIMUM OF 4" OF TOPSOIL. HOLD SOIL DOWN 1" FROM PAVEMENT ELEVATION. CONTRACTOR TO SUPPLY STRAW MULCH WHERE GRASS SEED HAS BEEN PLANTED.
- FENCE POLES ARE PROVIDED AS A GUIDELINE. EXACT SPACING AND LOCATION WILL BE DETERMINED BY FENCE VENDOR AND THEIR PROFESSIONALS OF RECORD.
- SECURITY NETTING POLES ALONG DRIVES SHALL BE PROTECTED BY HEAVY DUTY FREEWAY-TYPE GUARD RAILS. INSTALL RAILS BETWEEN EDGE OF DRIVE AND NETTING POLES. AVOID CONFLICTS WITH EXISTING LIGHTS AND UNDERGROUND UTILITIES AS REQUIRED.

KEYED NOTES:

- PROPOSED FENCING AREA.
- PROPOSED LOCATION FOR PROPOSED FENCING POLES. CONTRACTOR SHALL KEEP A MAX SEPARATION OF 50' BETWEEN POLES OR AS SPECIFIED BY FENCE VENDOR.
- CONTRACTOR SHALL BE CAREFUL AS NOT TO DISRUPT OR DAMAGE EXISTING UTILITIES.
- PROPOSED FENCING TO END BEFORE OVERHEAD ELECTRICAL LINES.
- BASE BID TO ENCOMPASS ALL AREAS OF NETTING AND POLES 50'-0" OR LESS. PROVIDE BID ALTERNATE TO COVER THIS LONGER PORTION WITH NETTING. OUTSIDE POLES WOULD NEED SUBSTITUTED WITH STEEL PER VENDOR'S RECOMMENDATIONS.

LEGEND

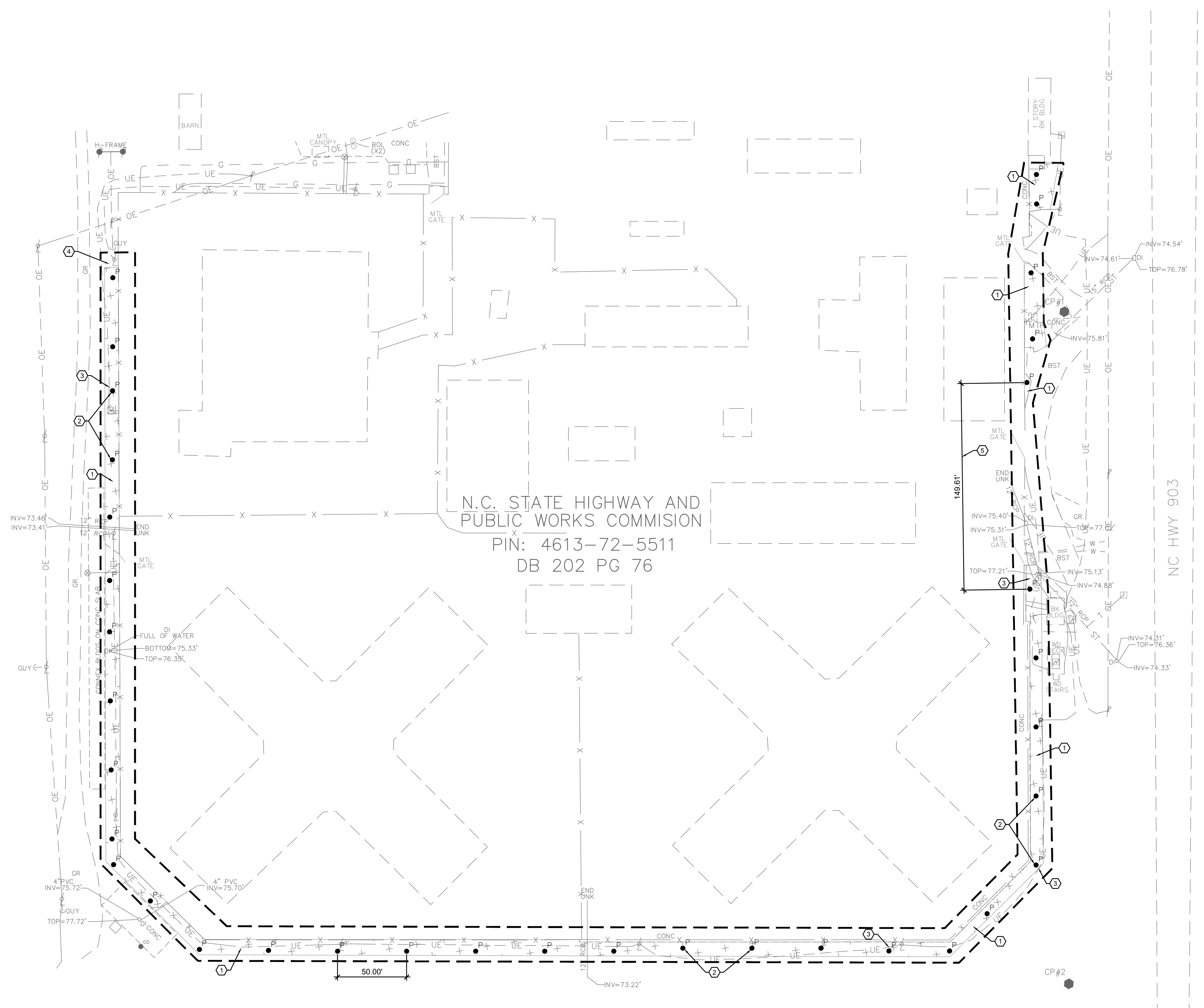
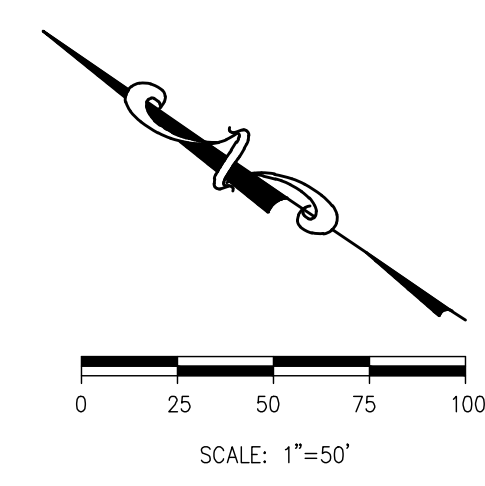
| FEATURE | DESCRIPTION |
|----------|--------------------------------------|
| [Symbol] | PROPOSED FENCING AREA |
| [Symbol] | CONSTRUCTION LIMITS |
| [Symbol] | EXISTING MAJOR CONTOUR |
| [Symbol] | EXISTING MINOR CONTOUR |
| [Symbol] | EXISTING UNDERGROUND ELECTRICAL LINE |
| [Symbol] | EXISTING OVERHEAD ELECTRICAL LINE |
| [Symbol] | EXISTING OVERHEAD ELECTRICAL LINE |
| [Symbol] | EXISTING OVERHEAD ELECTRICAL LINE |
| [Symbol] | EXISTING UNDERGROUND TELEPHONE LINE |
| [Symbol] | EXISTING UNDERGROUND GAS LINE |
| [Symbol] | EXISTING FENCE |
| [Symbol] | EXISTING |
| [Symbol] | PROPOSED |
| [Symbol] | WATER VALVE |
| [Symbol] | LIGHT POLE |
| [Symbol] | ELECTRIC POLE |
| [Symbol] | GUY WIRE |
| [Symbol] | ELECTRIC TRANSFORMER |
| [Symbol] | ELECTRIC HANDHOLE |
| [Symbol] | ELECTRIC METER |
| [Symbol] | TELEPHONE PEDESTAL |
| [Symbol] | CLEANOUT |
| [Symbol] | BOLLARD |
| [Symbol] | PROPOSED FENCE POLE |
| [Symbol] | CONTROL POINT |

CONTROL POINTS

(ALL EXISTING AND PROPOSED ELEVATIONS ARE BASED ON 1988 NAVD (USGS) DATUM)

CP#1
BRIDGE SPIKE
N: 631705.829
E: 2417423.288
ELEV. 77.33'

CP#2
BRIDGE SPIKE
N: 631428.083
E: 2417023.608
ELEV. 75.30'



DEFERRED SUBMITTALS: SECURITY NETTING AND POLE DESIGN
SHOP DRAWINGS TO BE SUBMITTED TO THE DESIGNER OF RECORD FOR REVIEW AND APPROVAL. THESE WILL THEN BE SUBMITTED TO THE STATE CONSTRUCTION OFFICE FOR REVIEW.

