

# LODGE STREET PARKING LOT

for

## CITY OF WILSON Wilson County, North Carolina April 2022



MAYOR:

CARLTON L. STEVENS

COUNCIL MEMBERS:

MICHAEL S. BELL  
DEREK D. CREECH  
DONALD I. EVANS  
WILLIAM THOMAS "TOM" FYLE  
JAMES M. JOHNSON, III  
LOGAN T. LILES  
GILLETTIA M. MORGAN

CITY MANAGER:

GRANT W. GOINGS

CITY CLERK:

TONYA A. WEST

PUBLIC WORKS DIRECTOR

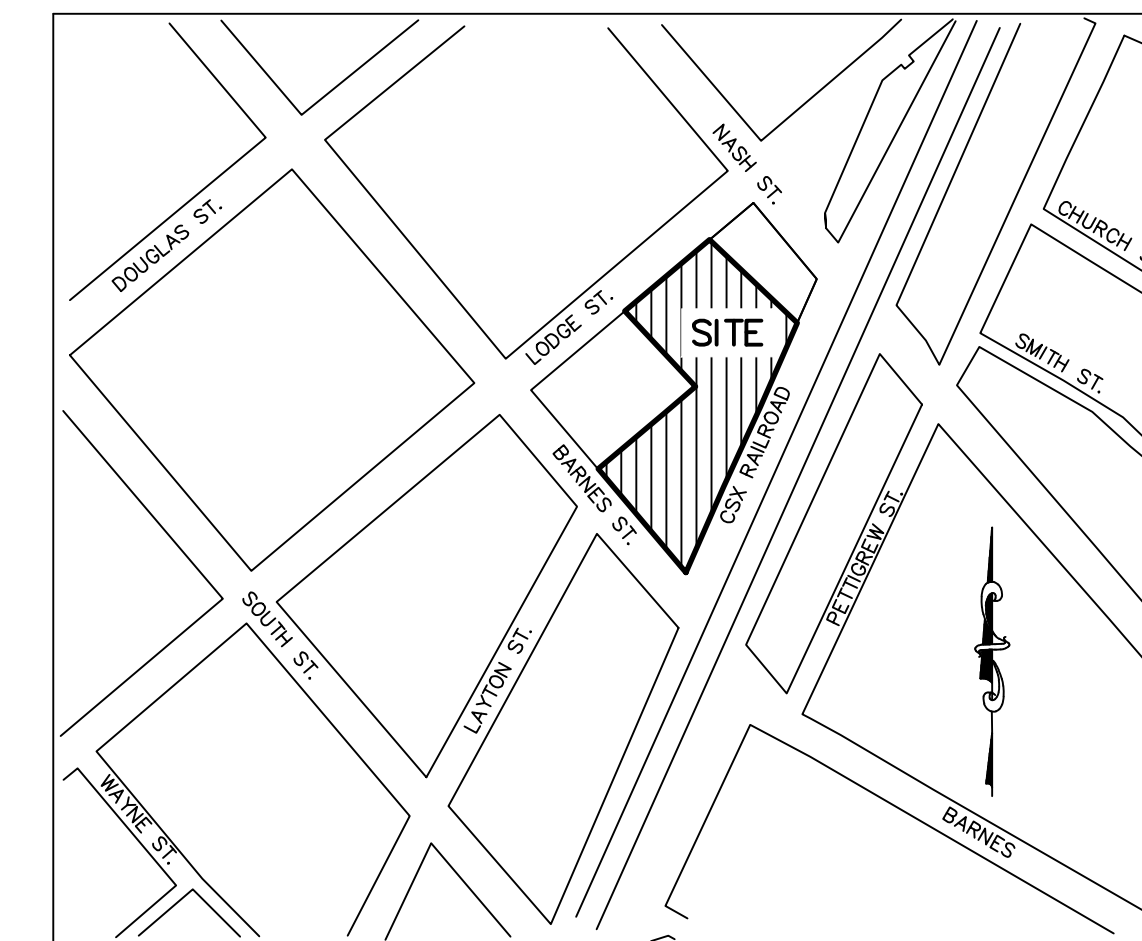
W. T. (BILL) BASS IV, P.E.

CHIEF PLANNING AND DEVELOPMENT  
OFFICER:

RODGER LENTZ

PREPARED BY:

BARTLETT ENGINEERING & SURVEYING, PC  
1906 NASH STREET NORTH  
WILSON, NORTH CAROLINA 27893-1726



LOCATION MAP  
NO SCALE

### SHEET INDEX

CV	COVER SHEET
CP1	EXISTING CONDITIONS
CP2	DEMOLITION PLAN
CP3	SITE LAYOUT
CP4	GRADING & DRAINAGE PLAN
CP5	SEDIMENT & EROSION (S&E) CONTROL PLAN
DT1	DETAILS (SITE)
DT2	DETAILS (S&E)
DT3	S&E NCG01 DETAILS



**BARTLETT**  
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www.bartletteng.com  
LICENSE # C-1551

COVER SHEET

LODGE STREET PARKING LOT  
WILSON, NORTH CAROLINA

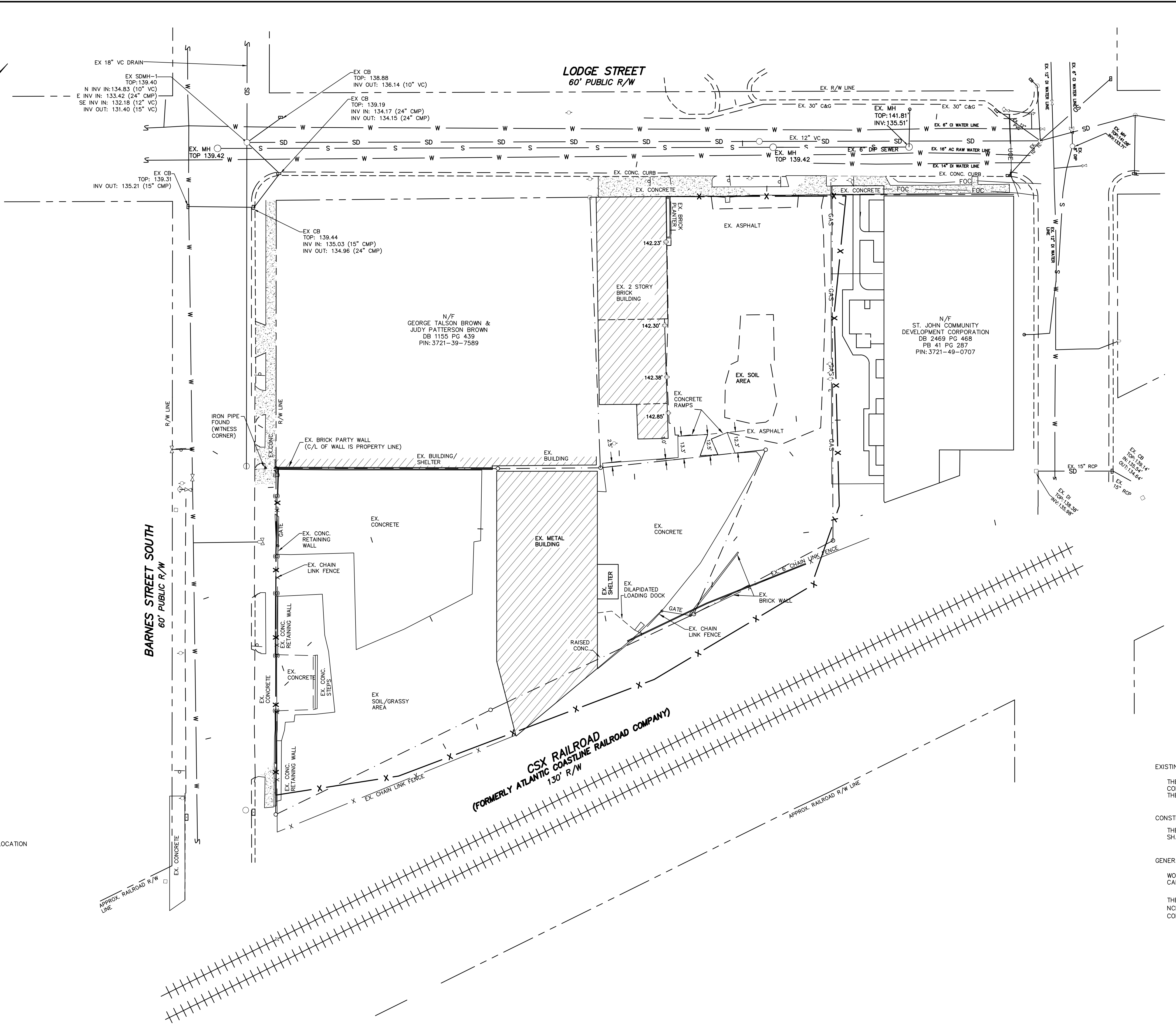
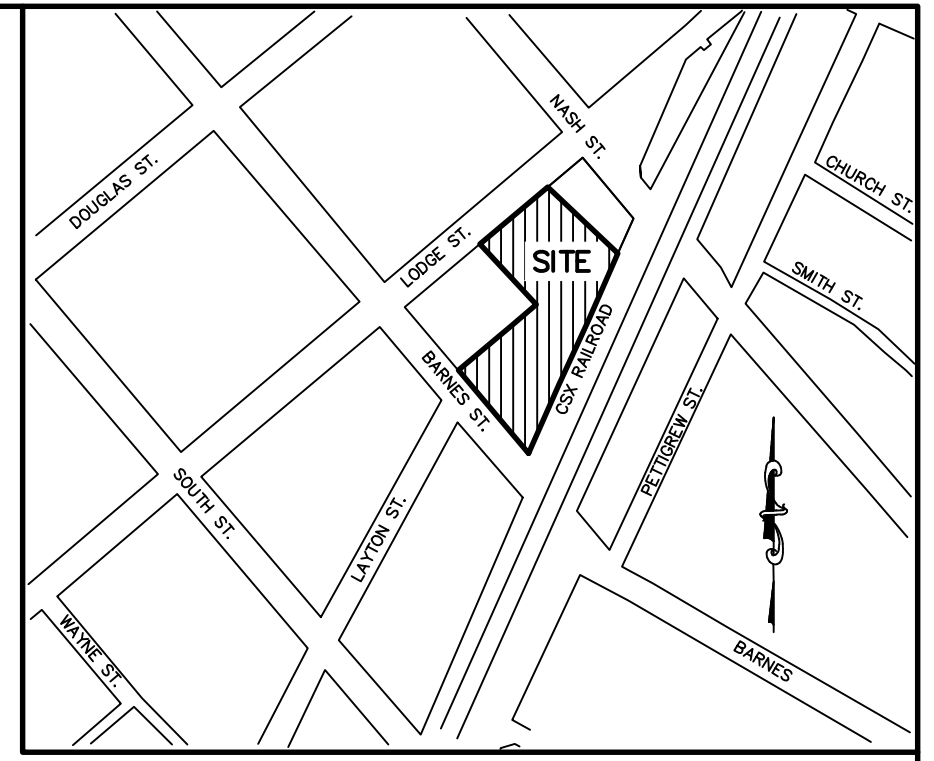
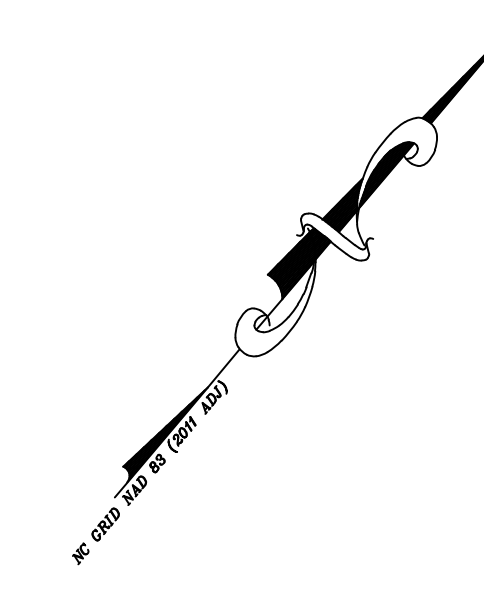
DATE:	APR. 2022
SURVEY BY:	DAB/JEB
DRAWN BY:	LR
CLIENT CODE:	WC
PROJECT:	19-003
CADFILE:	19003SP1
SCALE:	

REVISIONS

SHEET

CV





**NOTES**  
 - AREAS COMPUTED BY COORDINATE CALCULATIONS  
 - NO GRID MONUMENT FOUND WITHIN 200'  
 - ALL DISTANCES SHOWN ARE HORIZONTAL UNLESS NOTED OTHERWISE  
 - ALL RIGHTS-OF-WAY ARE PUBLIC UNLESS NOTED OTHERWISE  
 - NO CEMETERIES WERE VISIBLE ON THIS SITE  
 - NO WETLANDS WERE DELINEATED ON THIS PROPERTY  
 - THIS PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD AREA  
 - THIS PROPERTY IS NOT LOCATED IN A PROTECTED WATERSHED DISTRICT  
 - THIS PLAT IS SUBJECT TO ALL EASEMENTS, AGREEMENTS AND RIGHTS-OF-WAY OF RECORD PRIOR TO THE DATE OF THIS PLAT.  
 - UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE LOCATIONS.  
 - INFORMATION PERTAINING TO WATER LINE TYPE AND SIZE WAS OBTAINED FROM THE CITY OF WILSON, AND NOT FIELD VERIFIED.

**SITE DATA**

TOTAL NO. OF LOTS	2
TOTAL AREA:	1.40 ACRES
ZONING	CMX, IMX
MIN. BUILDING SETBACKS	FRONT = 0' (6'MAX) SIDE = 0' (6'MAX) REAR = 0' (6'MAX)
LOCATION	406 BARNES ST S (3721-39-9653) 109 LODGE ST S (3721-39-9626)
OWNER/DEVELOPER	CITY OF WILSON PO BOX 10 WILSON, NC 27894
REFERENCES:	DEED BOOK 2469 PAGE 468 DEED BOOK 2003 PAGE 517 DEED BOOK 2510 PAGE 751 PLAT BOOK 41 PAGE 87 PLAT BOOK 41 PAGE 136

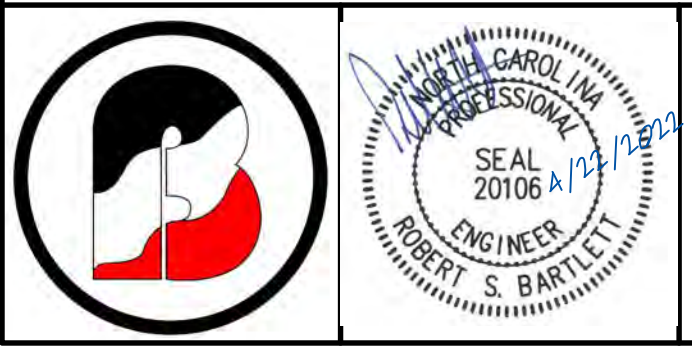
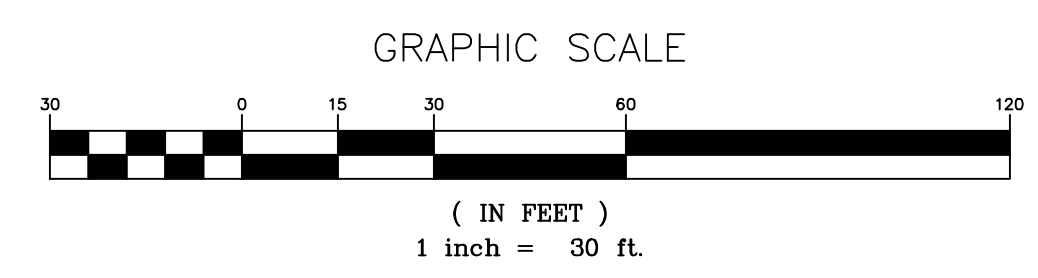
- LEGEND**
- IRON PIPE FOUND
  - PARKER KALON NAIL FOUND
  - COMPUTED POINT
  - EXISTING NAIL
  - EXISTING WATER METER
  - EXISTING HYDRANT
  - EXISTING WATER VALVE
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  - EXISTING DROP INLET
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  - EXISTING SANITARY SEWER MANHOLE
  - EXISTING SANITARY SEWER CLEANOUT
  - EXISTING BUILDING FINISHED FLOOR ELEVATION (FFE) SHOT LOCATION
  - EXISTING SIGN
  - EXISTING LIGHT POLE

- W — EXISTING WATER LINE
- SD — EXISTING STORM DRAIN LINE
- S — EXISTING SANITARY SEWER LINE
- GAS — EXISTING UNDERGROUND GAS LINE
- OHE — EXISTING OVERHEAD ELECTRIC LINE
- - - - - EXISTING PROPERTY LINE
- - - - - EXISTING RIGHT-OF-WAY LINE

**EXISTING CONDITIONS:**  
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL EXISTING JOB CONDITIONS. ANY ADVERSE CONDITIONS AFFECTING WORK SHOWN ON THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER FOR POSSIBLE CLARIFICATION OR RECONCILIATION.

**CONSTRUCTION SAFETY:**  
 THESE DRAWINGS DO NOT CONTAIN THE REQUIREMENTS FOR JOB SAFETY. ALL PROVISIONS FOR SAFETY SHALL BE SOLE RESPONSIBILITY OF THE CONTRACTOR.

**GENERAL NOTES:**  
 WORK WITHIN THE NCDOT RIGHT-OF-WAY SHALL CONFORM TO NCDOT STANDARDS AND SPECIFICATIONS. CALL ONE CALL CENTER AT 1-800-652-4949 FOR LOCATIONS OF EXISTING UTILITIES PRIOR TO EXCAVATION.  
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK ZONE TRAFFIC CONTROL IN OR ADJACENT TO NCDOT OR CITY RIGHT-OF-WAY. ALL METHODS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND NCDOT STANDARDS.



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**EXISTING CONDITIONS**

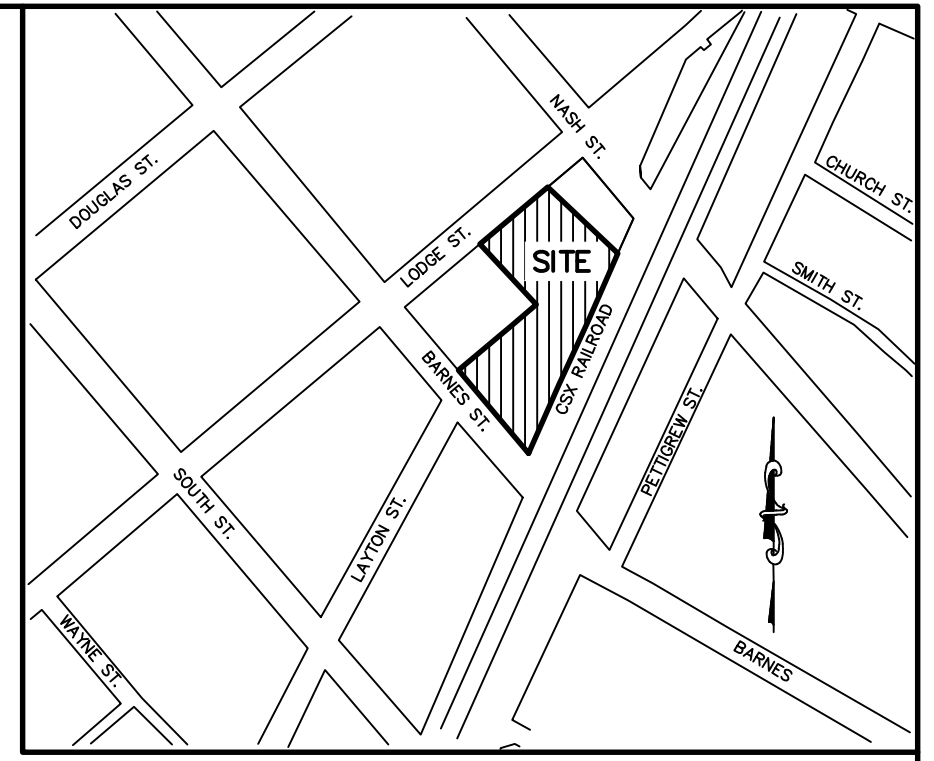
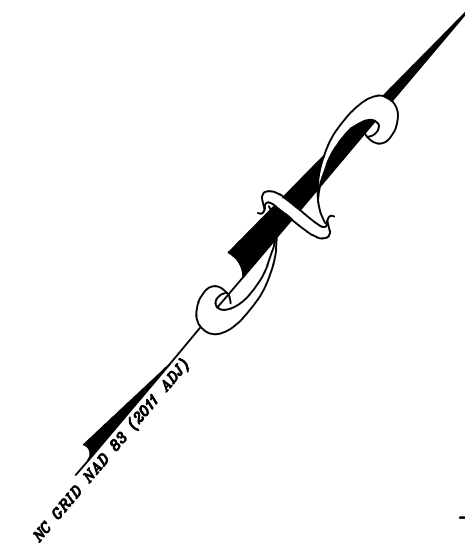
**LODGE STREET PARKING LOT**  
 CITY OF WILSON

DATE: APR. 2022  
 SCALE(HORZ): 1"=30'  
 SCALE(VERT):  
 REVISIONS:

PROJECT: 19-003 CLIENT CODE: WC CADFILE: 19003SP3 FIELD BOOK: 358 DRAWN BY: CEP/LR SURVEY BY: DB, JB, TB	WILSON TOWNSHIP NORTH CAROLINA PIN # 3721-39-9653 3721-39-9626	WILSON COUNTY ZONE: CMX & IMX SHEET CP1
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LODGE STREET  
60' PUBLIC R/W

BARNES STREET SOUTH  
60' PUBLIC R/W

CSX RAILROAD  
(FORMERLY ATLANTIC COASTLINE RAILROAD COMPANY)  
130' R/W

REMOVE EXISTING GRANITE CURB, TO BE SALVAGED AND STORED AT THE CITY STOCKPILE. CONTRACTOR TO COORDINATE WITH CITY INSPECTOR.

REMOVE/REPLACE STORM DRAIN, PAVEMENT, AND CATCH BASINS AS INDICATED ON GRADING PLAN AND IN ACCORDANCE WITH CITY OF WILSON ENGINEERING SPECIFICATIONS

REMOVE EXISTING CONCRETE AS NECESSARY FOR NEW DRIVE. REMOVE/RELOCATE EXISTING POWER POLE & SIGN.

REMOVE EXISTING ASPHALT & CONCRETE

REMOVE EXISTING ASPHALT & CONCRETE

REMOVE EXISTING CONCRETE

REMOVE EXISTING FENCE & CONCRETE WALLS

REMOVE EXISTING CONCRETE

REMOVE EXISTING CONCRETE

REMOVE EXISTING FENCES/GATES

REMOVE EXISTING CONC RETAINING WALL

N/F  
GEORGE TALSON BROWN &  
JUDY PATTERSON BROWN  
DB 1155 PG 439  
PIN: 3721-39-7589

N/F  
ST. JOHN COMMUNITY  
DEVELOPMENT CORPORATION  
DB 2469 PG 468  
PB 41 PG 287  
PIN: 3721-49-0707

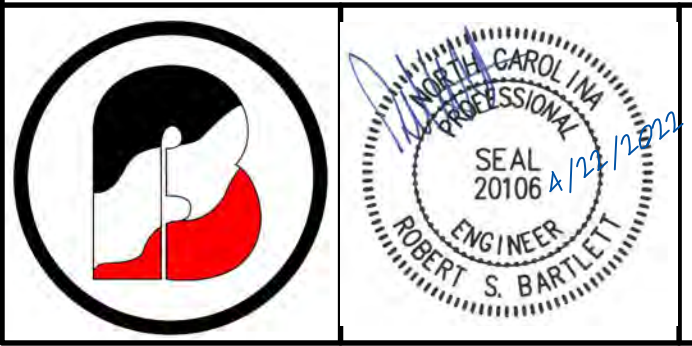
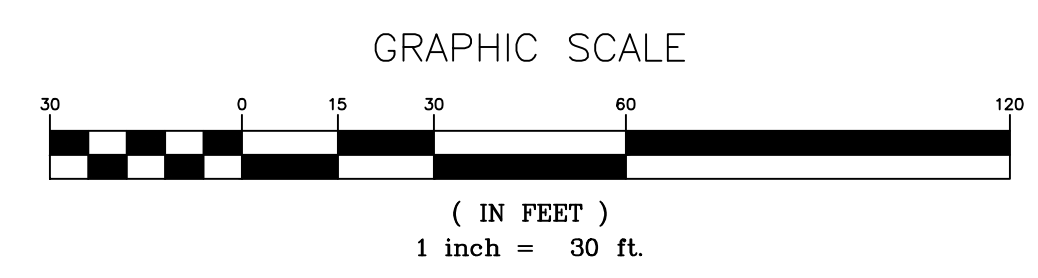
- NOTES:
- AREAS COMPUTED BY COORDINATE CALCULATIONS
  - NO GRID MONUMENT FOUND WITHIN 2000'
  - ALL DISTANCES SHOWN ARE HORIZONTAL UNLESS NOTED OTHERWISE
  - ALL RIGHTS-OF-WAY ARE PUBLIC UNLESS NOTED OTHERWISE
  - NO CEMETERIES WERE VISIBLE ON THIS SITE
  - NO WETLANDS WERE DELINEATED ON THIS PROPERTY
  - THIS PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD AREA
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SITE DATA

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ZONING	CCMX, IMX
MIN. BUILDING SETBACKS	FRONT = 0' (6'MAX) SIDE = 0' REAR = 0' (6'MAX)
LOCATION	406 BARNES ST S (3721-39-9653) 109 LODGE ST S (3721-39-9628)
OWNER/DEVELOPER	CITY OF WILSON PO BOX 10 WILSON, NC 27894
REFERENCES:	DEED BOOK 2469 PAGE 468 DEED BOOK 2003 PAGE 517 DEED BOOK 2510 PAGE 751 PLAT BOOK 41 PAGE 87 PLAT BOOK 41 PAGE 136

- LEGEND
- IRON PIPE FOUND
  - ⊕ PARKER KALON NAIL FOUND
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  - ⊙ EXISTING NAIL
  - ⊙ EXISTING WATER METER
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- DEMOLITION NOTES:
- UNUSABLE EXCAVATED MATERIALS AND ALL WASTE RESULTING FROM DEMOLITION SHALL BE DISPOSED OF AT AN APPROVED PERMITTED OFF-SITE LOCATION BY CONTRACTOR.
  - CONTRACTOR SHALL NOTIFY AND COOPERATE WITH ALL UTILITY COMPANIES OR FIRMS HAVING FACILITIES ON OR ADJACENT TO THE SITE BEFORE DISTURBING, ALTERING, REMOVING, RELOCATING, ADJUSTING OR CONNECTING TO SAID FACILITIES. CONTRACTOR SHALL RAISE OR LOWER TOPS OF EXISTING MANHOLES AS REQUIRED TO MATCH FINISHED GRADES.
  - COORDINATE WITH THE LOCAL UTILITY PROVIDER FOR REMOVAL/RELOCATION OF EXISTING ELECTRICAL TRANSFORMERS AND/OR LIGHT POLES AND GAS SERVICE.
  - SIDEWALK AND CURB & GUTTER TO BE REMOVED TO NEAREST JOINT OR SAW-CUT IN A MANNER SUCH THAT NO JOINT IS LESS THAN 5 FEET.
  - ANY EXISTING CURB & GUTTER OR ASPHALT DAMAGED DURING CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
  - VERIFY THAT EXISTING STORM DRAIN IS NOT FUNCTIONING PRIOR TO REMOVAL. PLUG ALL PIPES OUTSIDE THE BUILDING FOOTPRINT.



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DEMOLITION  
PLAN

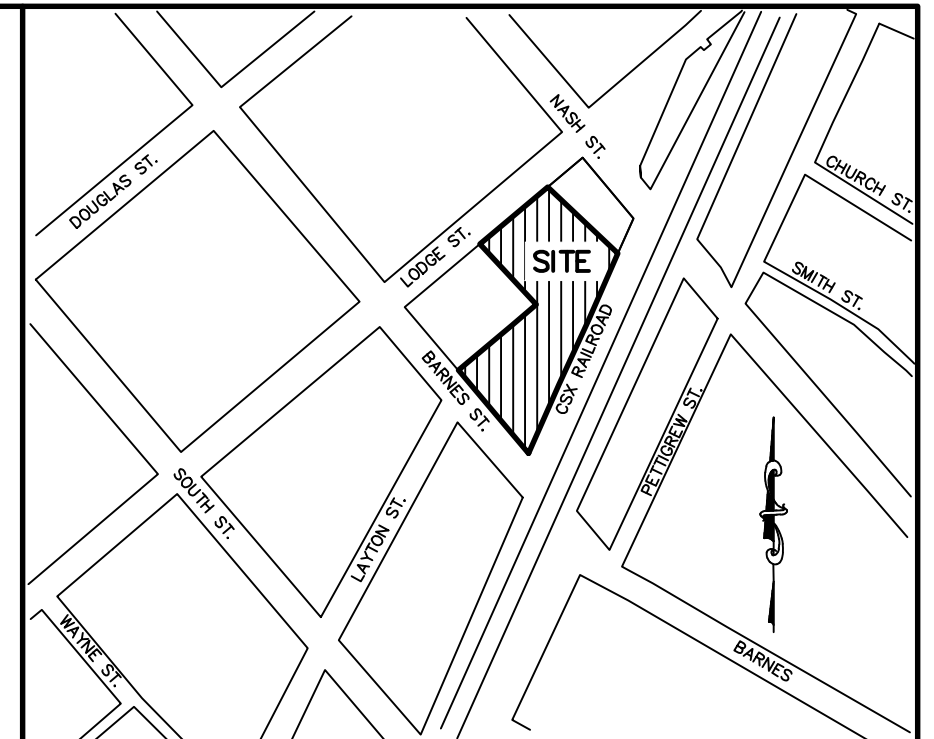
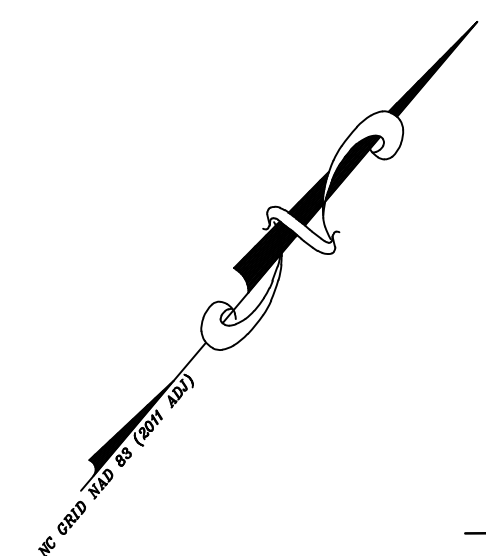
**LODGE STREET PARKING LOT**  
CITY OF WILSON

DATE: DEC. 2021	PROJECT: 19-003
SCALE(HORZ): 1"=30'	CLIENT CODE: WC
SCALE(VERT):	CADFILE: 19003SP3
	FIELD BOOK: 358
	DRAWN BY: CEP/LR
	SURVEY BY: DB, JB, TB
REVISIONS:	

WILSON TOWNSHIP	WILSON COUNTY
NORTH CAROLINA	ZONE: CCMX & IMX
PIN # 3721-39-9653	SHEET CP2
3721-39-9628	

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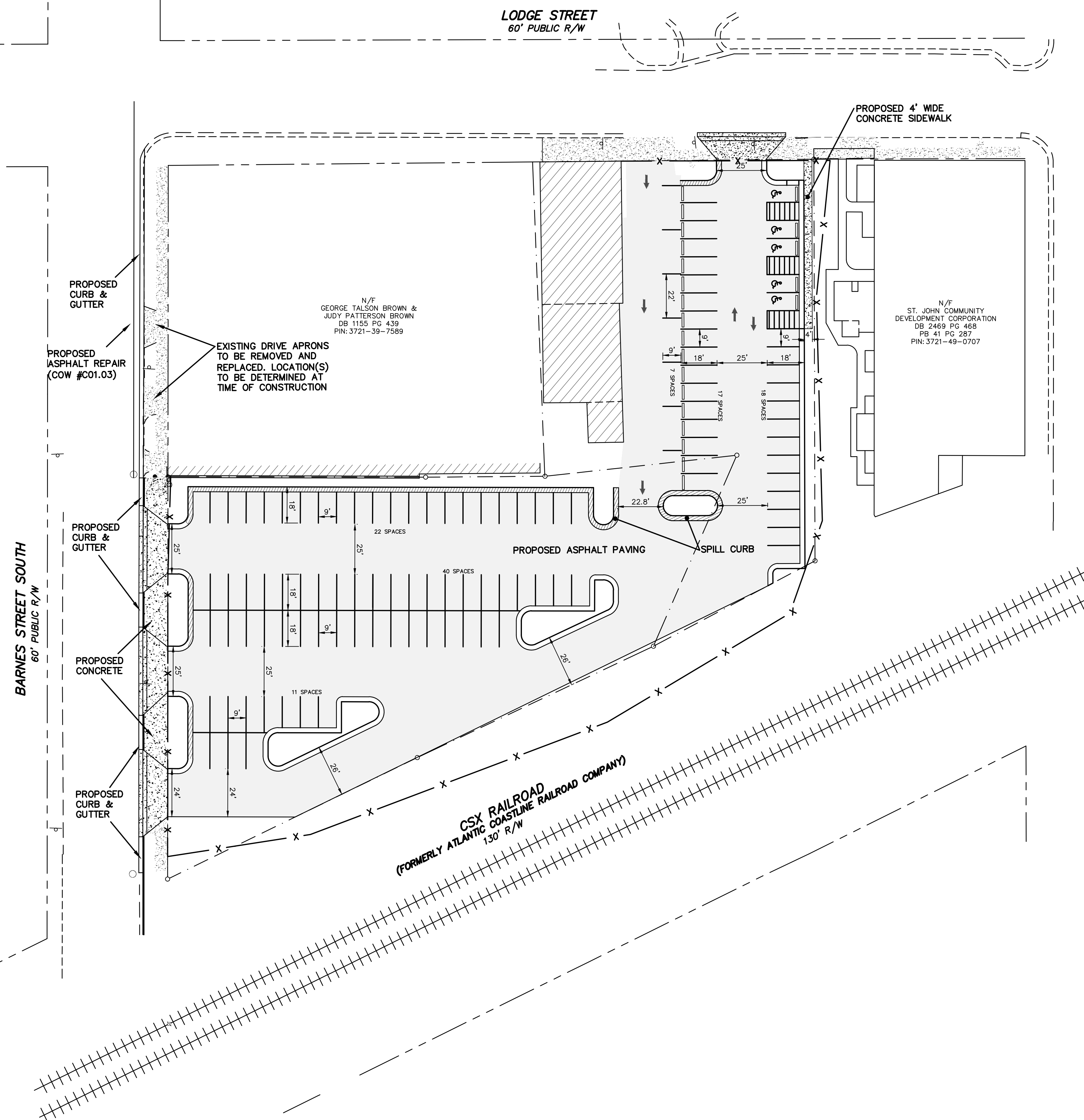




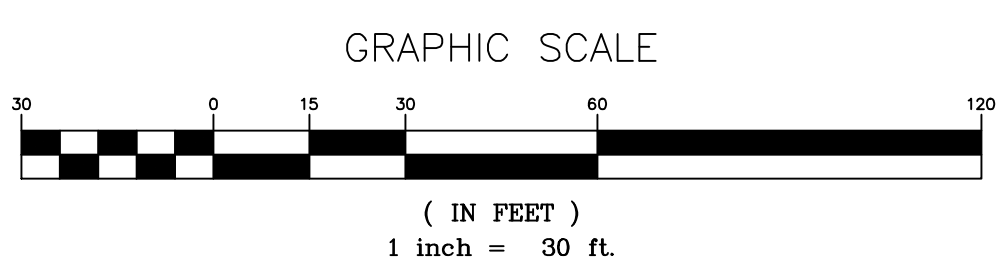
LOCATION MAP  
NO SCALE

**SITE DATA**

TOTAL AREA:	1.40 ACRES
TOTAL NO OF LOTS:	2
ZONE:	CCMX, IMX
MINIMUM BUILDING LINES:	FRONT = 0', (6' MAX) SIDE = 0' REAR = 0' (6' MAX)
PROPOSED PARKING SPACES:	115 TOTAL (5 ADA SPACES)
PROPOSED USE:	PARKING LOT
PROPERTY ADDRESS:	406 BARNES ST S 109 LODGE ST S
OWNERS:	CITY OF WILSON PO BOX 10 WILSON, NC 27894
PIN NO:	3721-39-9653 3721-39-9628
REFERENCES:	DEED BOOK 2469 PAGE 468 DEED BOOK 2003 PAGE 517 DEED BOOK 2510 PAGE 751 PLAT BOOK 41 PAGE 87 PLAT BOOK 41 PAGE 136



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**SITE LAYOUT**

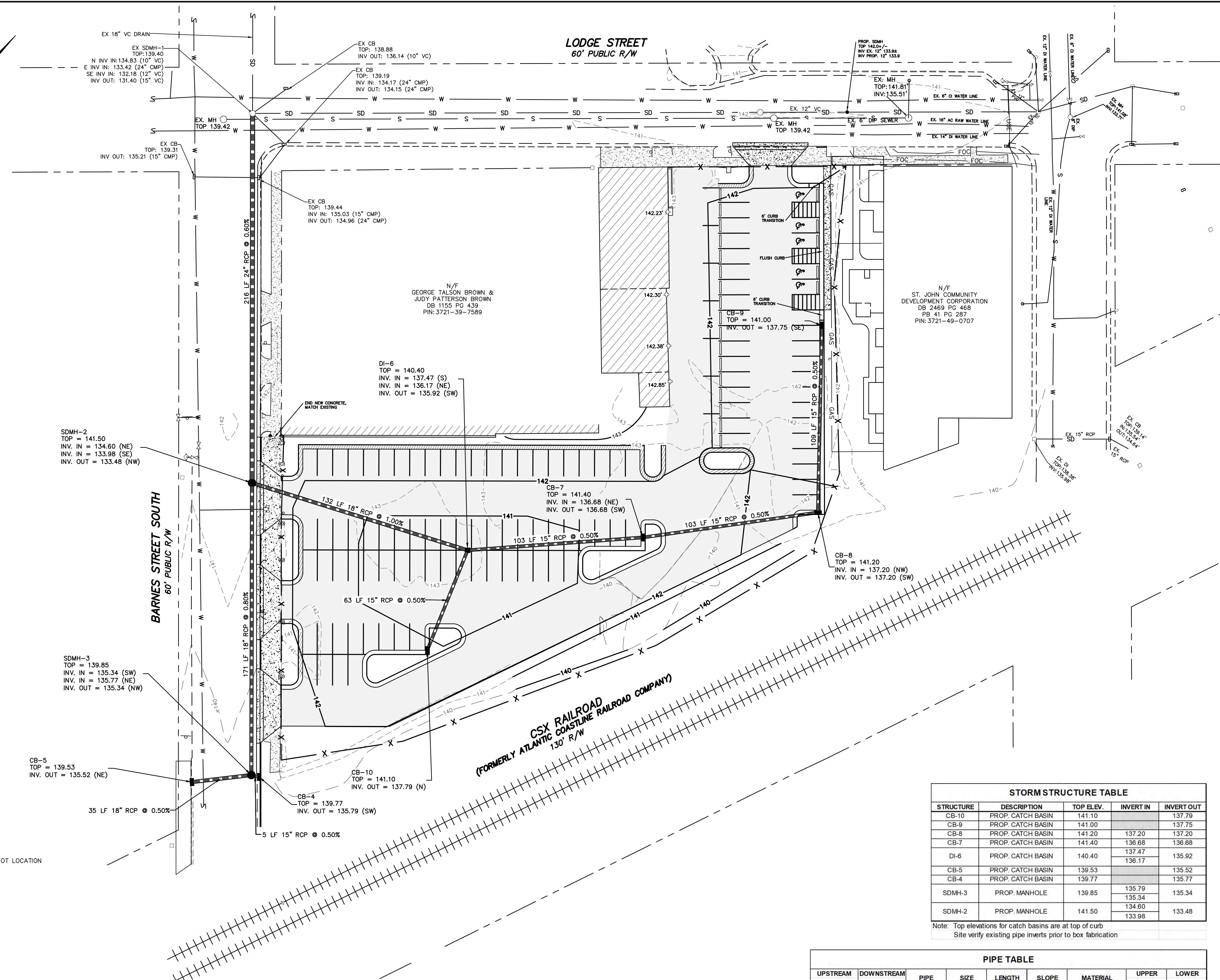
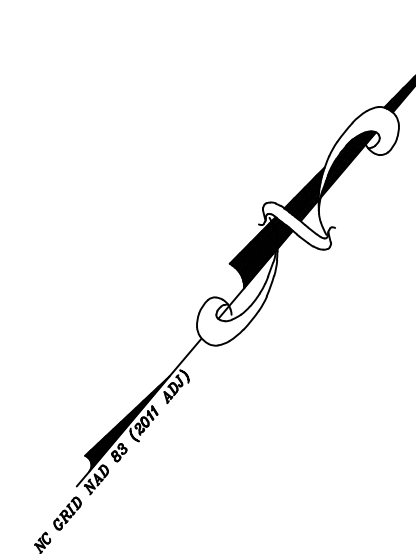
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PROJECT: 19-003 CLIENT CODE: WC CADFILE: 19003SP3 FIELD BOOK: 358 DRAWN BY: LR SURVEY BY: DB, JB, TB	WILSON TOWNSHIP NORTH CAROLINA PIN #	WILSON COUNTY ZONE: CCMX & IMX SHEET CP3
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  - PROPOSED CATCH BASIN (CB)
  - PROPOSED DROP INLET (DI)
  - — PROPOSED STORM DRAIN LINE

**SITE NOTES:**

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK ZONE TRAFFIC CONTROL IN OR ADJACENT TO NCDDOT OR TOWN RIGHT-OF-WAY. ALL METHODS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND NCDDOT STANDARDS.

CONTRACTOR TO COORDINATE INSTALLATION OF CONDUITS FOR PHONES & LIGHTING.

UNUSABLE EXCAVATED MATERIALS AND ALL WASTE RESULTING FROM CLEARING AND GRUBBING SHALL BE DISPOSED OF AT AN APPROVED PERMITTED OFF-SITE LOCATION BY CONTRACTOR.

CONTRACTOR RESPONSIBLE FOR COMPLYING WITH ALL REQUIREMENTS/ CONDITIONS OF ALL ENCROACHMENTS & PERMITS INCLUDING PROVIDING BONDS/INSURANCE IF REQUIRED.

CONTRACTOR IS RESPONSIBLE FOR COORDINATING REQUIRED INSPECTIONS.

CALL ONE CALL CENTER AT 1-800-632-4949 OR 811 FOR LOCATIONS OF EXISTING UTILITIES THREE WORKING DAYS MINIMUM PRIOR TO EXCAVATION.

**EXCAVATION AND GRADING PLAN NOTES:**

ALL AREAS NOT COVERED BY BUILDING OR PAVING TO BE GRASSED, LANDSCAPED OR LEFT NATURAL AS INDICATED.

CONTRACTOR SHALL NOTIFY AND COOPERATE WITH ALL UTILITY COMPANIES OR FIRMS HAVING FACILITIES ON OR ADJACENT TO THE SITE BEFORE DISTURBING, ALTERING, REMOVING, RELOCATING, ADJUSTING OR CONNECTING TO SAID FACILITIES. CONTRACTOR SHALL RAISE OR LOWER TOPS OF EXISTING MANHOLES AS REQUIRED TO MATCH FINISHED GRADES.

BEFORE ANY MACHINE WORK IS DONE, CONTRACTOR SHALL STAKE OUT AND MARK ITEMS ESTABLISHED BY THE SITE PLAN. CONTROL POINTS SHALL BE PRESERVED AT ALL TIMES DURING THE COURSE OF THE PROJECT. LACK OF THE PROPER WORKING POINTS AND GRADE STAKES MAY REQUIRE CESSATION OF OPERATIONS UNTIL SUCH POINTS AND GRADES HAVE BEEN REPLACED TO THE OWNERS SATISFACTION.

**EXISTING CONDITIONS:**

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL EXISTING JOB CONDITIONS. ANY ADVERSE CONDITIONS AFFECTING WORK SHOWN ON THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR POSSIBLE CLARIFICATION OR RECONCILIATION.

**CONSTRUCTION SAFETY:**

THESE DRAWINGS DO NOT CONTAIN THE REQUIREMENTS FOR JOB SAFETY. ALL PROVISIONS FOR SAFETY SHALL BE SOLE RESPONSIBILITY OF THE CONTRACTOR.

**STRUCTURAL FILL:**

SEE SPECIFICATIONS FOR STRUCTURAL FILL INFORMATION.

**OFFSITE BORROW / TRENCH BORROW:**

OFFSITE BORROW MATERIAL PLACED ON SITE SHOULD BE LOW PLASTICITY (PI LESS THAN 25 AND LL LESS THAN 50) AND SHALL BE FREE OF ORGANIC MATERIAL OR DEBRIS. PLACE FILL IN 8" TO 10" LOOSE LIFTS AND COMPACT TO 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY, ASTM D698. THE MOISTURE CONTENT OF THE SOIL SHOULD BE MAINTAINED WITHIN ± 3 PERCENTAGE POINTS OF THE OPTIMUM MOISTURE CONTENT DETERMINED BY THE SAME TEST. OFF-SITE BORROW MATERIAL TO BE OBTAINED FROM A PERMITTED SOURCE.

**ADA AND LEGAL DISCLAIMER:**

THIS DOCUMENT IS NOT REPRESENTED TO COMPLY WITH ALL REQUIREMENTS CONTAINED IN THE ADA OR OTHER LAWS. ENGINEERS ARE NOT LICENSED TO INTERPRET LAWS OR GIVE ADVICE CONCERNING LAWS. THE OWNER SHOULD HAVE THIS DOCUMENT REVIEWED BY HIS ATTORNEY TO DETERMINE LEGAL COMPLIANCE.

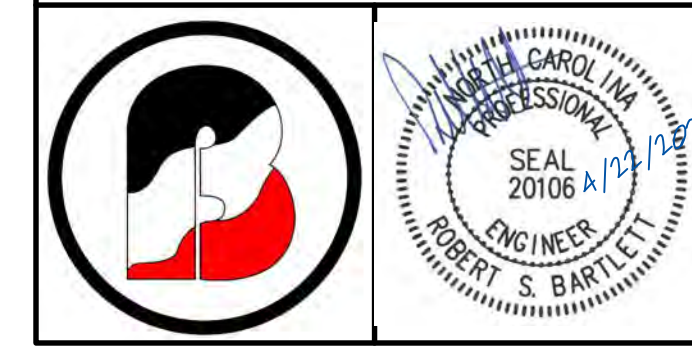
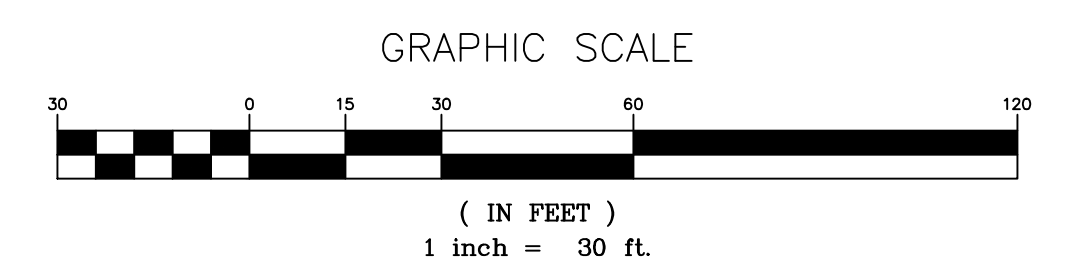
**GAS NOTE:**

THERE SHOULD BE A MINIMUM OF 3 FT OF SUITABLE FILL BETWEEN THE EXISTING MAIN AND ANY ROCK, CONCRETE OR ASPHALT INSTALLED.

STORM STRUCTURE TABLE				
STRUCTURE	DESCRIPTION	TOP ELEV.	INVERT IN	INVERT OUT
CB-10	PROP. CATCH BASIN	141.10		137.79
CB-9	PROP. CATCH BASIN	141.00		137.75
CB-8	PROP. CATCH BASIN	141.20	137.20	137.20
CB-7	PROP. CATCH BASIN	141.40	136.68	136.68
DI-6	PROP. CATCH BASIN	140.40	137.47	135.92
CB-5	PROP. CATCH BASIN	139.53	135.52	135.52
CB-4	PROP. CATCH BASIN	139.77	135.77	135.77
SDMH-3	PROP. MANHOLE	139.85	135.79	135.34
			135.34	
SDMH-2	PROP. MANHOLE	141.50	134.60	133.48
			133.98	

Note: Top elevations for catch basins are at top of curb  
Site verify existing pipe inverts prior to box fabrication

PIPE TABLE								
UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	PIPE	SIZE	LENGTH	SLOPE	MATERIAL	UPPER INVERT	LOWER INVERT
CB-10	DI-6	I	15	63.0	0.0050	RCP	137.79	137.47
CB-9	CB-8	H	15	109.3	0.0050	RCP	137.75	137.20
CB-8	CB-7	G	15	103.2	0.0050	RCP	137.20	136.68
CB-7	DI-6	F	15	102.8	0.0050	RCP	136.68	136.17
DI-6	SDMH-2	E	18	131.9	0.0100	RCP	135.92	134.60
CB-5	SDMH-3	D	18	34.9	0.0050	RCP	135.52	135.34
CB-4	SDMH-3	C	15	4.7	0.0050	RCP	135.77	135.77
SDMH-3	SDMH-2	B	18	170.7	0.0080	RCP	135.34	133.98
SDMH-2	EXSDMH-1	A	24	215.9	0.0060	RCP	133.48	132.18



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GRADING & DRAINAGE  
PLAN

**LODGE STREET PARKING LOT**  
CITY OF WILSON

DATE: APR. 2022  
SCALE(HORZ): 1"=30'  
SCALE(VERT):  
REVISIONS:

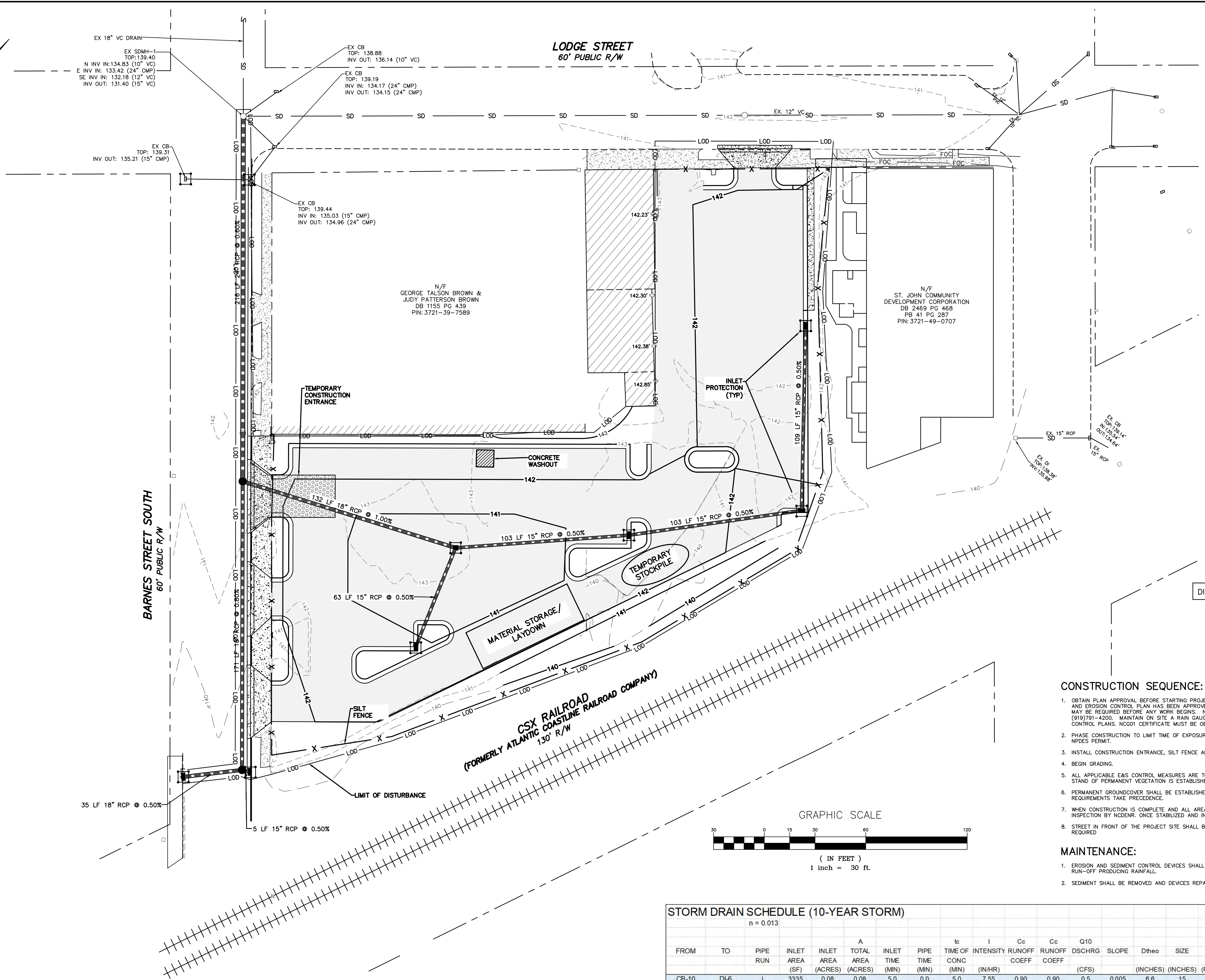
PROJECT: 19-003  
CLIENT CODE: WC  
CADFILE: 19003SP3  
FIELD BOOK: 358  
DRAWN BY: LR  
SURVEY BY: DB, JB, TB

WILSON TOWNSHIP  
NORTH CAROLINA  
PIN #

WILSON COUNTY  
ZONE: CMX & IMX  
SHEET CP4

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- LEGEND**
- IRON PIPE FOUND
  - ⊠ PARKER KALON NAIL FOUND
  - COMPUTED POINT
  - EXISTING NAIL
  - EXISTING WATER METER
  - EXISTING HYDRANT
  - EXISTING WATER VALVE
  - EXISTING HOT BOX
  - EXISTING FIBEROPTICS CABINET
  - EXISTING UTILITY POLE
  - EXISTING GUY WIRE
  - EXISTING TELEPHONE PEDESTAL
  - EXISTING CATCH BASIN
  - EXISTING DROP INLET
  - EXISTING STORM DRAIN MANHOLE (SDMH)
  - EXISTING SANITARY SEWER MANHOLE
  - EXISTING SANITARY SEWER CLEANOUT
  - EXISTING BUILDING FINISHED FLOOR ELEVATION (FFE) SHOT LOCATION
  - EXISTING SIGN
  - EXISTING LIGHT POLE

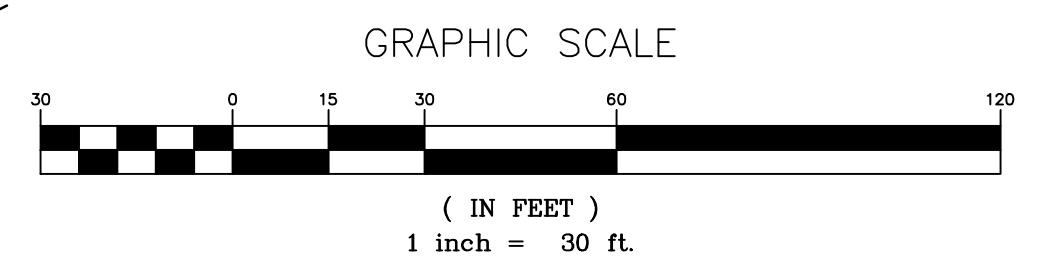
- SD EXISTING STORM DRAIN LINE
- S EXISTING SANITARY SEWER LINE
- GAS EXISTING UNDERGROUND GAS LINE
- OHE EXISTING OVERHEAD ELECTRIC LINE
- EXISTING PROPERTY LINE
- EXISTING RIGHT-OF-WAY LINE
- PROPOSED STORM DRAIN MANHOLE (SDMH)
- PROPOSED CATCH BASIN (CB)
- PROPOSED DROP INLET (DI)
- PROPOSED STORM DRAIN LINE

- EROSION CONTROL LEGEND**
- LIMITS OF DISTURBANCE
  - x- SILT FENCE
  - DRAIN INLET PROTECTION

DISTURBED AREA: 1.7 AC±

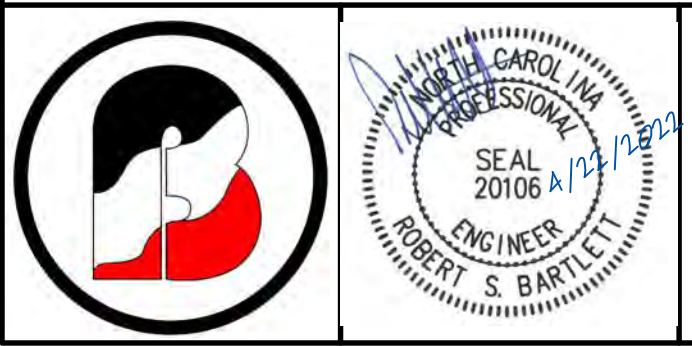
- CONSTRUCTION SEQUENCE:**
- OBTAIN PLAN APPROVAL BEFORE STARTING PROJECT. NO WORK TO BE DONE ON SITE UNTIL THE SEDIMENTATION AND EROSION CONTROL PLAN HAS BEEN APPROVED AND PERMIT ACQUIRED. A PRECONSTRUCTION CONFERENCE MAY BE REQUIRED BEFORE ANY WORK BEGINS. NOTIFY THE NCDENR BEFORE WORK BEGINS AT PHONE NUMBER (919)791-4200. MAINTAIN ON SITE A RAIN GAUGE, RECORDS, COPY OF THE PERMIT AND SEDIMENT & EROSION CONTROL PLANS. NCGI CERTIFICATE MUST BE OBTAINED PRIOR TO CONSTRUCTION.
  - PHASE CONSTRUCTION TO LIMIT TIME OF EXPOSURE AND PROVIDE GROUND COVER UNDER GUIDELINES OF THE NPDES PERMIT.
  - INSTALL CONSTRUCTION ENTRANCE, SILT FENCE AND OUTLETS ACCORDING TO PLANS.
  - BEGIN GRADING.
  - ALL APPLICABLE E&S CONTROL MEASURES ARE TO REMAIN AND BE PROPERLY MAINTAINED UNTIL A VIGOROUS STAND OF PERMANENT VEGETATION IS ESTABLISHED.
  - PERMANENT GROUND COVER SHALL BE ESTABLISHED IN 90 CALENDAR DAYS. HOWEVER, NPDES GROUND COVER REQUIREMENTS TAKE PRECEDENCE.
  - WHEN CONSTRUCTION IS COMPLETE AND ALL AREAS STABILIZED, REMOVE TEMPORARY MEASURES ONLY AFTER INSPECTION BY NCDENR, ONCE STABILIZED AND INSPECTED, N.O.T. MAY BE SUBMITTED.
  - STREET IN FRONT OF THE PROJECT SITE SHALL BE KEPT CLEAN AT ALL TIMES OR A WASH STATION WILL BE REQUIRED.

- MAINTENANCE:**
- EROSION AND SEDIMENT CONTROL DEVICES SHALL BE CHECKED AT LEAST ONCE EVERY WEEK AND AFTER EVERY RUN-OFF PRODUCING RAINFALL.
  - SEDIMENT SHALL BE REMOVED AND DEVICES REPAIRED AND/OR REPLACED AS NECESSARY.



**STORM DRAIN SCHEDULE (10-YEAR STORM)**  
n = 0.013

FROM	TO	PIPE RUN	INLET AREA (SF)	INLET AREA (ACRES)	TOTAL AREA (ACRES)	INLET TIME (MIN)	PIPE TIME (MIN)	TIME OF CONC (MIN)	I (IN/HR)	Cc	Cc	Q10 (CFS)	SLOPE	Dtheo (INCHES)	SIZE (INCHES)	Vufl (FT/SEC)	Qtufl (CFS)	LENGTH (FT)	SEGMENT	UPPER INVERT	LOWER INVERT
CB-10	DI-6	I	3335	0.08	0.08	5.0	0.0	5.0	7.55	0.90	0.90	0.5	0.005	8.6	15	3.7	4.6	63.0	0.3	137.79	137.47
CB-9	CB-3	H	8045	0.18	0.18	5.0	0.0	5.0	7.55	0.90	0.90	1.3	0.005	9.2	15	3.7	4.6	109.3	0.5	137.75	137.20
CB-8	CB-7	G	8580	0.20	0.38	5.0	0.0	5.0	7.55	0.90	0.90	2.0	0.005	12.1	15	3.7	4.6	103.2	0.5	137.20	136.88
CB-7	DI-6	F	6667	0.15	0.53	5.0	0.0	5.0	7.55	0.90	0.90	3.8	0.005	13.8	15	3.7	4.6	102.8	0.5	136.88	136.17
DI-6	SDMH-2	E	29845	0.69	1.30	5.0	0.0	5.0	7.55	0.90	0.90	8.8	0.010	16.8	18	5.0	131.9	0.4	135.92	134.60	
CB-5	SDMH-3	D	59473	1.37	1.37	5.0	0.0	5.0	7.55	0.70	0.70	7.2	0.005	17.8	18	4.2	7.4	34.9	0.1	135.52	135.34
CB-4	SDMH-3	C	7829	0.18	0.18	5.0	0.0	5.0	7.55	0.90	0.90	1.2	0.005	9.1	15	3.7	4.6	4.7	0.0	135.79	135.77
SDMH-3	SDMH-2	B	0	0.00	1.55	0.0	0.0	0.0	7.55	0.90	0.72	8.4	0.008	17.3	18	5.3	9.4	170.7	0.5	135.34	133.98
SDMH-2	EX.SDMH-1	A	0	0.00	2.84	0.0	0.0	0.0	7.55	0.90	0.80	17.2	0.006	23.8	24	5.6	17.5	215.9	0.6	133.48	132.18



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SEDIMENTATION  
& EROSION  
CONTROL PLAN

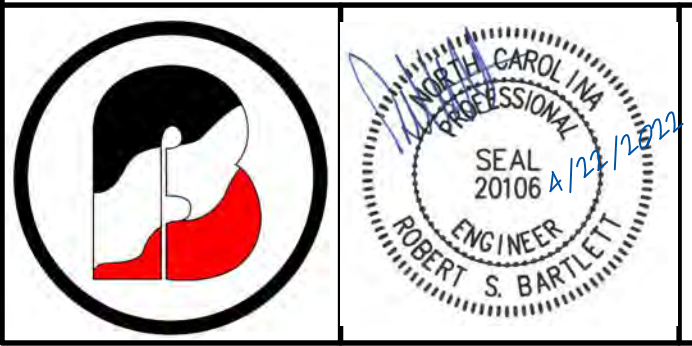
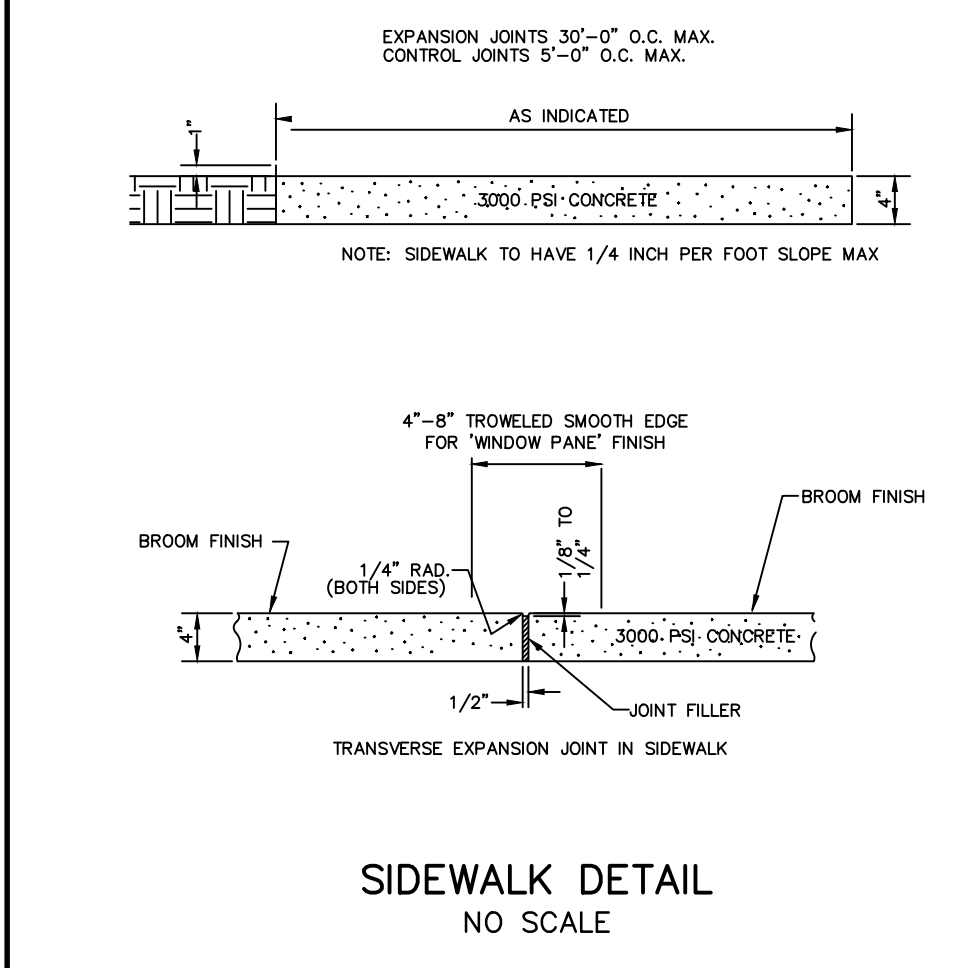
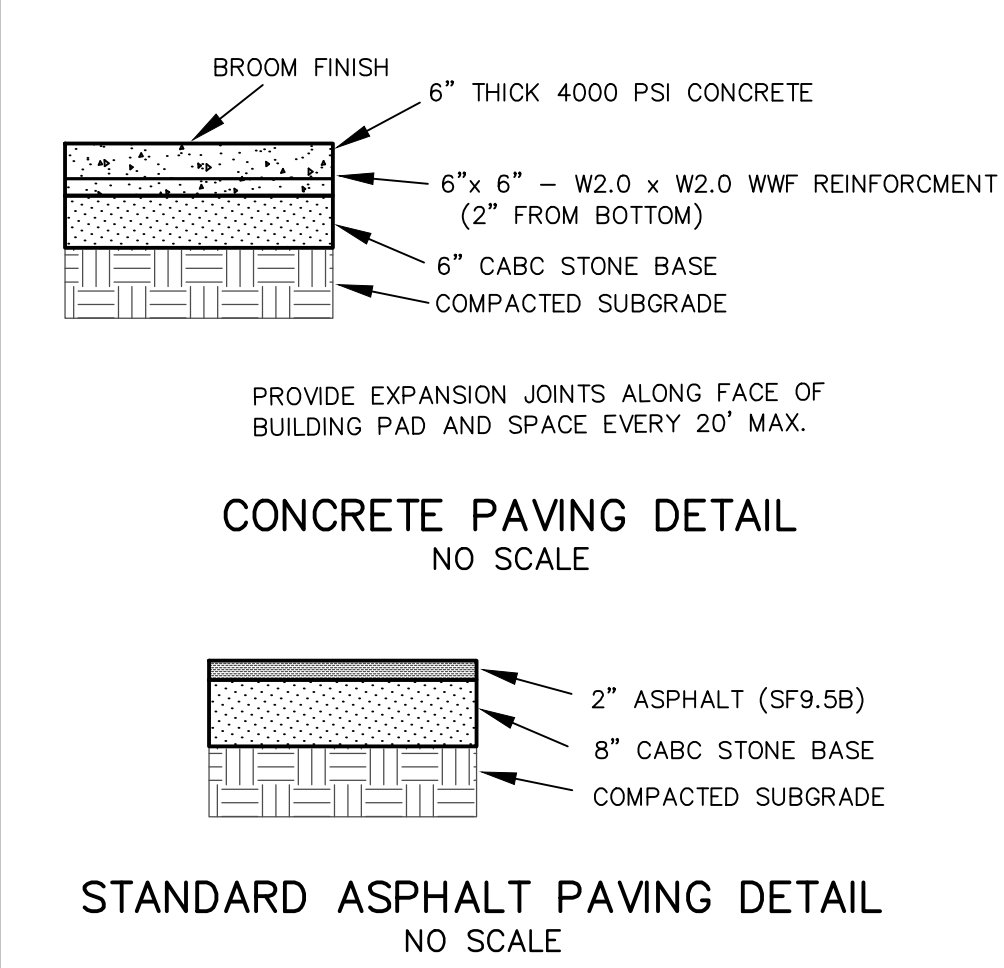
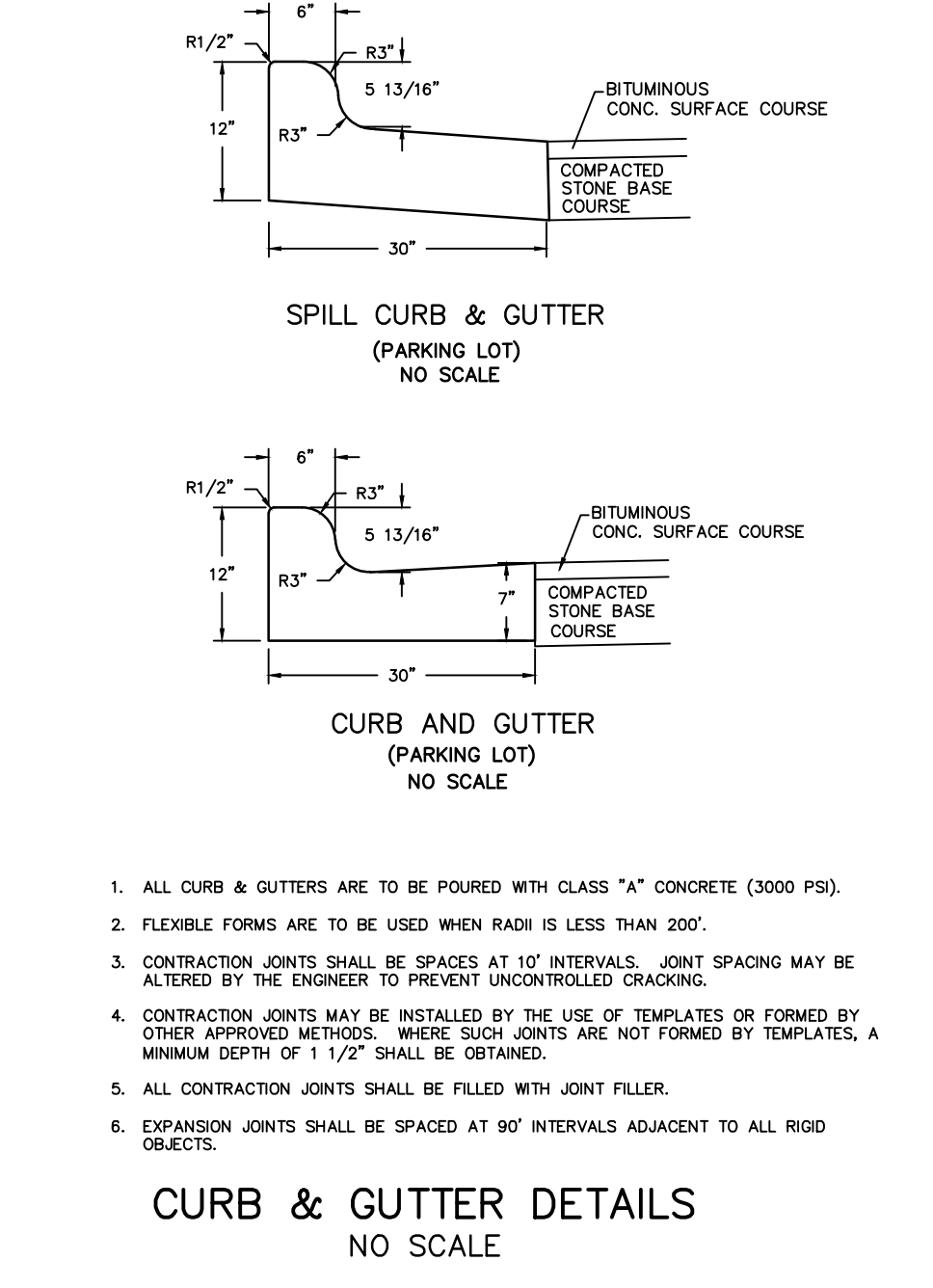
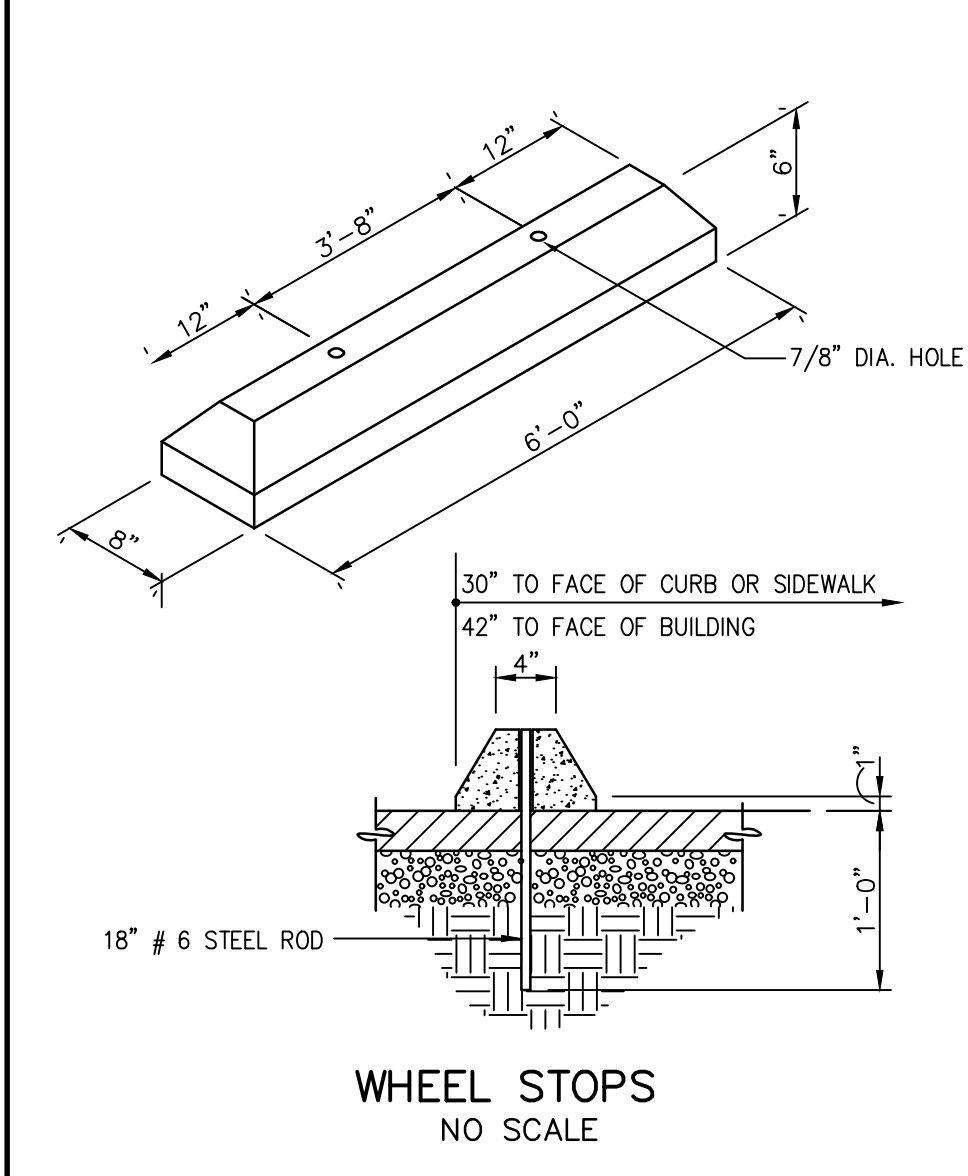
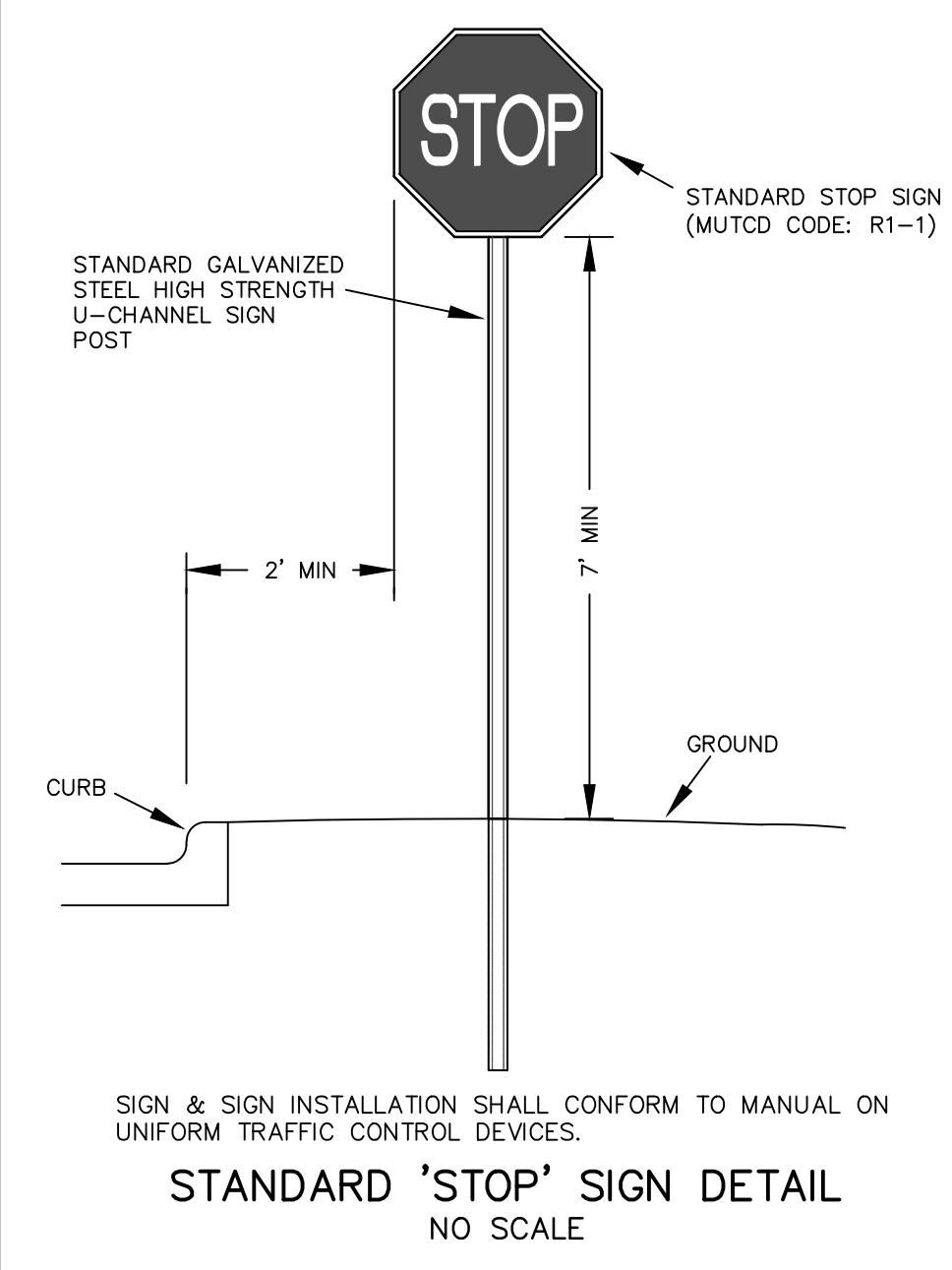
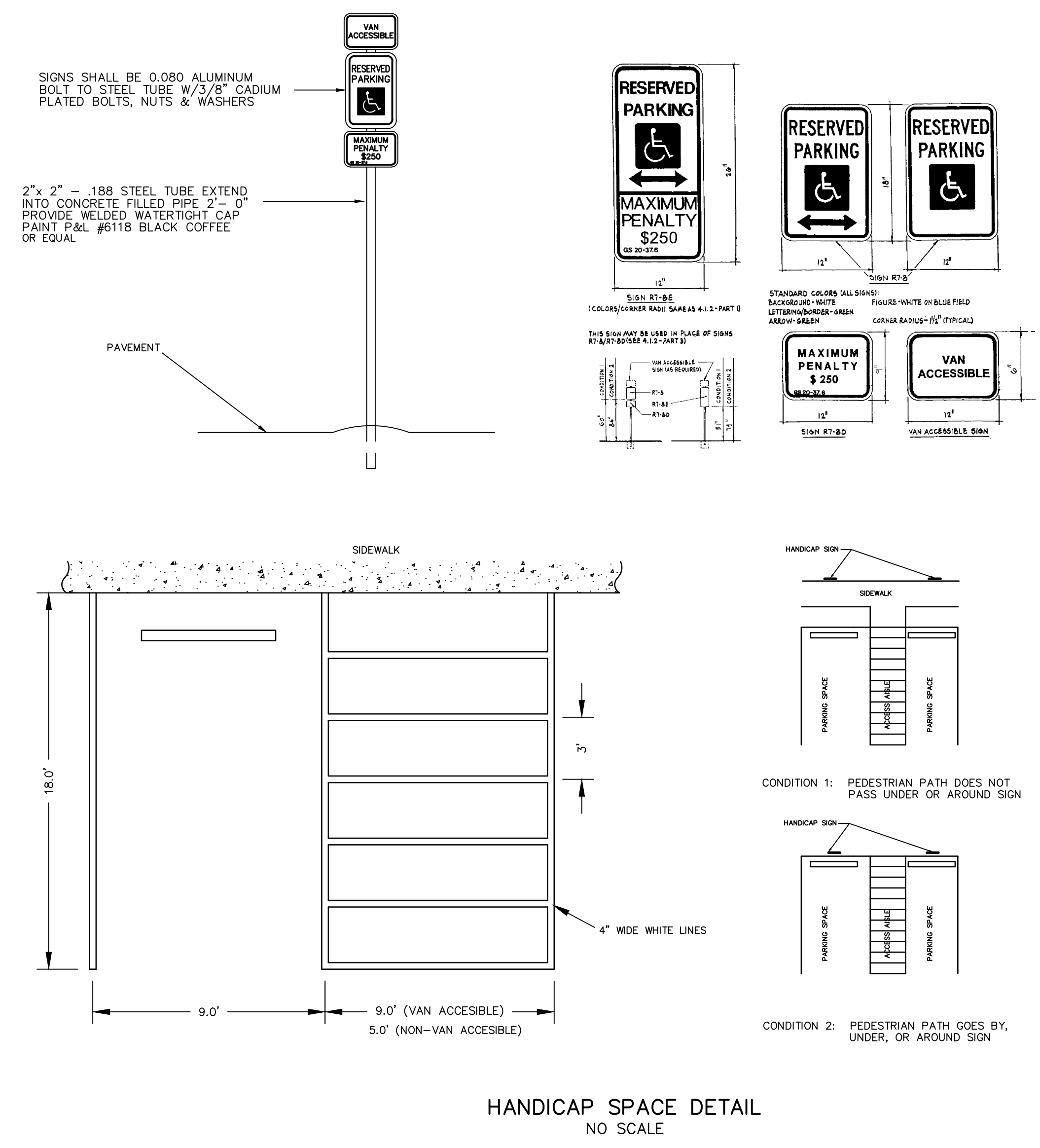
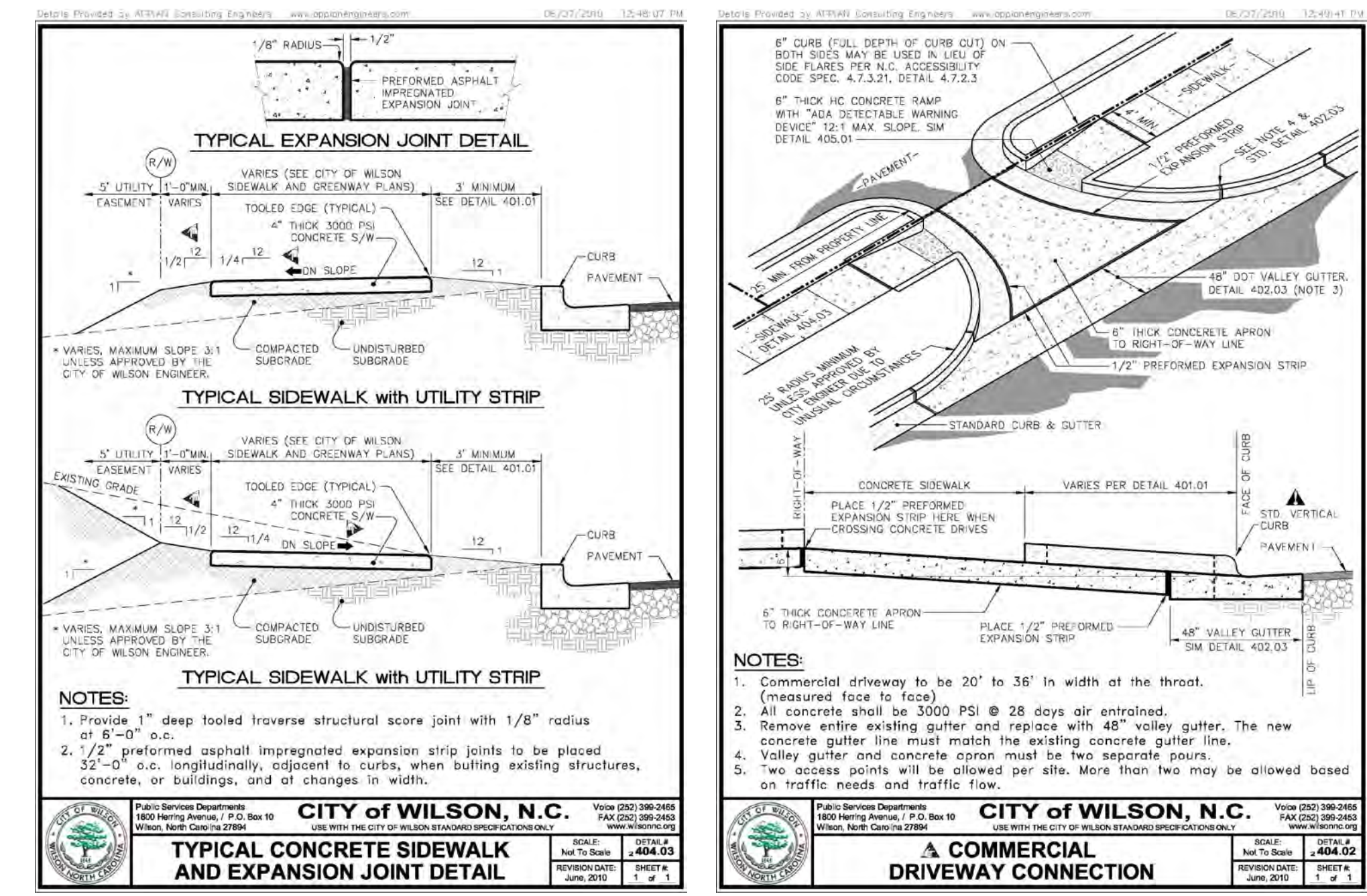
**LODGE STREET PARKING LOT**  
CITY OF WILSON

DATE: APR. 2022  
SCALE(HORZ): 1"=30'  
SCALE(VERT):  
REVISIONS:

PROJECT: 19-003  
CLIENT CODE: WC  
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FIELD BOOK: 358  
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SURVEY BY: DB, JB, TB  
WILSON TOWNSHIP  
WILSON COUNTY  
NORTH CAROLINA  
ZONE: CMX & IMX  
PIN # SHEET CP5

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**SITE DETAILS**

**LODGE STREET PARKING LOT**

CITY OF WILSON

DATE: APR. 2022

SCALE(HORIZ): AS SHOWN

SCALE(VERT): AS SHOWN

REVISIONS:

PROJECT: 19-003

CLIENT CODE: WC

CADFILE: 19003SP3

FIELD BOOK: 358

DRAWN BY: LR

SURVEY BY: DB, JB, TB

CITY OF WILSON

NORTH CAROLINA

PIN #

WILSON COUNTY

ZONE:

SHEET

DT1

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**MAINTENANCE:**

1. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE CHECKED AT LEAST ONCE EVERY WEEK AND AFTER EVERY RUN-OFF PRODUCING RAINFALL.
2. SEDIMENT SHALL BE REMOVED AND DEVICES REPAIRED AND/OR REPLACED AS NECESSARY.

**SEEDBED PREPARATION:**

CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3" DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE.  
 RIP ENTIRE AREA 6" DEEP.  
 REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM.  
 APPLY AGRICULTURAL LIME AND FERTILIZER UNIFORMLY AND MIX WITH SOIL.  
 CONTINUE TILLAGE UNTIL A WELL PULVERIZED, REASONABLY UNIFORM SEEDBED IS PREPARED 4" TO 6" DEEP.  
 SPREAD SEED ON FRESHLY PREPARED SEEDBED AND COVER LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACKER AFTER SEEDING.  
 MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH.

**HYDROSEEDING**

SURFACE ROUGHENING IS PARTICULARLY IMPORTANT WHEN HYDROSEEDING, AS A ROUGHENED SLOPE WILL PROVIDE SOME NATURAL COVERAGE FOR LIME, FERTILIZER, AND SEED. THE SURFACE SHOULD NOT BE COMPACTED OR SMOOTH. FINE SEEDBED PREPARATION IS NOT NECESSARY FOR HYDROSEEDING OPERATIONS: LARGE CLODS, STONES, AND IRREGULARITIES PROVIDE CAVITIES IN WHICH SEEDS CAN LODGE.

RATE OF WOOD FIBER (CELLULOSE) APPLICATION SHOULD BE AT LEAST 4,000 LB/ACRE.

APPLY LEGUME INOCULANTS AT FOUR TIMES THE RECOMMENDED RATE WHEN ADDING INOCULANT TO A HYDROSEEDER SLURRY.

IF A MACHINERY BREAKDOWN OF 1/2 TO 2 HOURS OCCURS, ADD 50% MORE SEED TO THE TASK, BASED ON THE PROPORTION OF THE SLURRY REMAINING. THIS SHOULD COMPENSATE FOR DAMAGE TO SEED. BEYOND 2 HOURS, FULL RATE OF NEW SEED MAY BE NECESSARY.

LIME IS NOT NORMALLY APPLIED WITH A HYDRAULIC SEEDER BECAUSE IT IS ABRASIVE. IT CAN BE BLOWN DOWN STEEP SLOPES IN DRY FORM.

**CRIMPING STRAW MULCH**

CRIMPING CAN BE APPLIED TO AREAS ADJACENT TO ANY SECTION OF THE ROADWAY WHERE TRAFFIC IS TO BE MAINTAINED OR ALLOWED DURING CONSTRUCTION. IN AREAS WITHIN SIX FEET OF THE EDGE OF PAVEMENT, STRAW IS TO BE APPLIED AND THEN CRIMPED. AFTER THE CRIMPING OPERATION IS COMPLETE, AN ADDITIONAL APPLICATION OF STRAW SHALL BE APPLIED AND IMMEDIATELY TACKED WITH A SUFFICIENT AMOUNT OF UNDULATED EMULSIFIED ASPHALT.

STRAW MULCH SHALL BE OF SUFFICIENT LENGTH AND QUALITY TO WITHSTAND THE CRIMPING OPERATION.

CRIMPING EQUIPMENT INCLUDING POWER SOURCE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. CRIMPER BLADES SHALL NOT EXCEED 8".

**TEMPORARY SEEDING**

SEEDING MIXTURE SPECIES	WINTER/EARLY SPRING RATE(LB/ACRE)	SUMMER RATE(LB/ACRE)	FALL RATE(LB/ACRE)
GERMAN MILLET	120	40	120
RYE (GRAIN)	60	-	60
PARTRIDGE PEA	120	-	60

SEEDING DATES	12/1-4/15	4/15-8/15	8/15-12/30
SOL AMENDMENTS			
LIMESTONE	2000 LB/ACRE	2000 LB/ACRE	2000 LB/ACRE
FERTILIZER(10-10-10)	750 LB/ACRE	1000 LB/ACRE	1000 LB/ACRE
STRAW MULCH	4000 LB/ACRE	4000 LB/ACRE	4000 LB/ACRE
EMULSIFIED ASPHALT TACK	435 GALLON/ACRE	435 GALLON/ACRE	435 GALLON/ACRE

**PERMANENT SEEDING**

SEEDING MIXTURE SPECIES	WINTER/EARLY SPRING RATE(LB/ACRE)	SUMMER RATE(LB/ACRE)	FALL RATE(LB/ACRE)
PARTRIDGE PEA	200	200	200
INDIAN GRASS	10	10	10
GERMAN MILLET	2/1-4/15	5/1-8/15	8/25-10/1

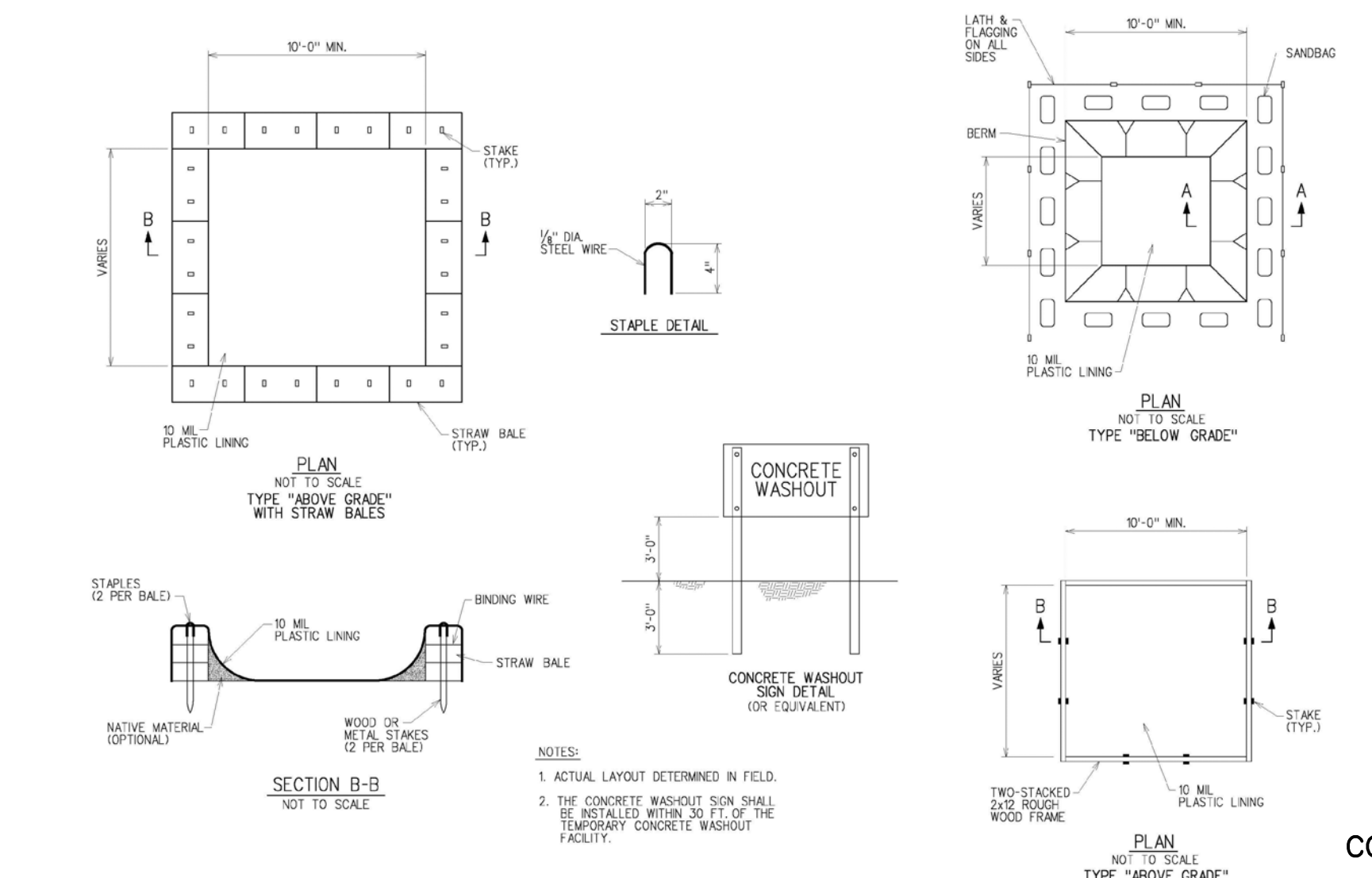
SOL AMENDMENTS	3000-5000 LBS/ACRE	3000-5000 LBS/ACRE	3000-5000 LBS/ACRE
LIMESTONE			
FERTILIZER(10-10-10)	1000 LB/ACRE	1000 LB/ACRE	1000 LB/ACRE
STRAW MULCH	4000 LB/ACRE	4000 LB/ACRE	4000 LB/ACRE
EMULSIFIED ASPHALT TACK	435 GALLON/ACRE	435 GALLON/ACRE	435 GALLON/ACRE

**HYDROSEEDING**

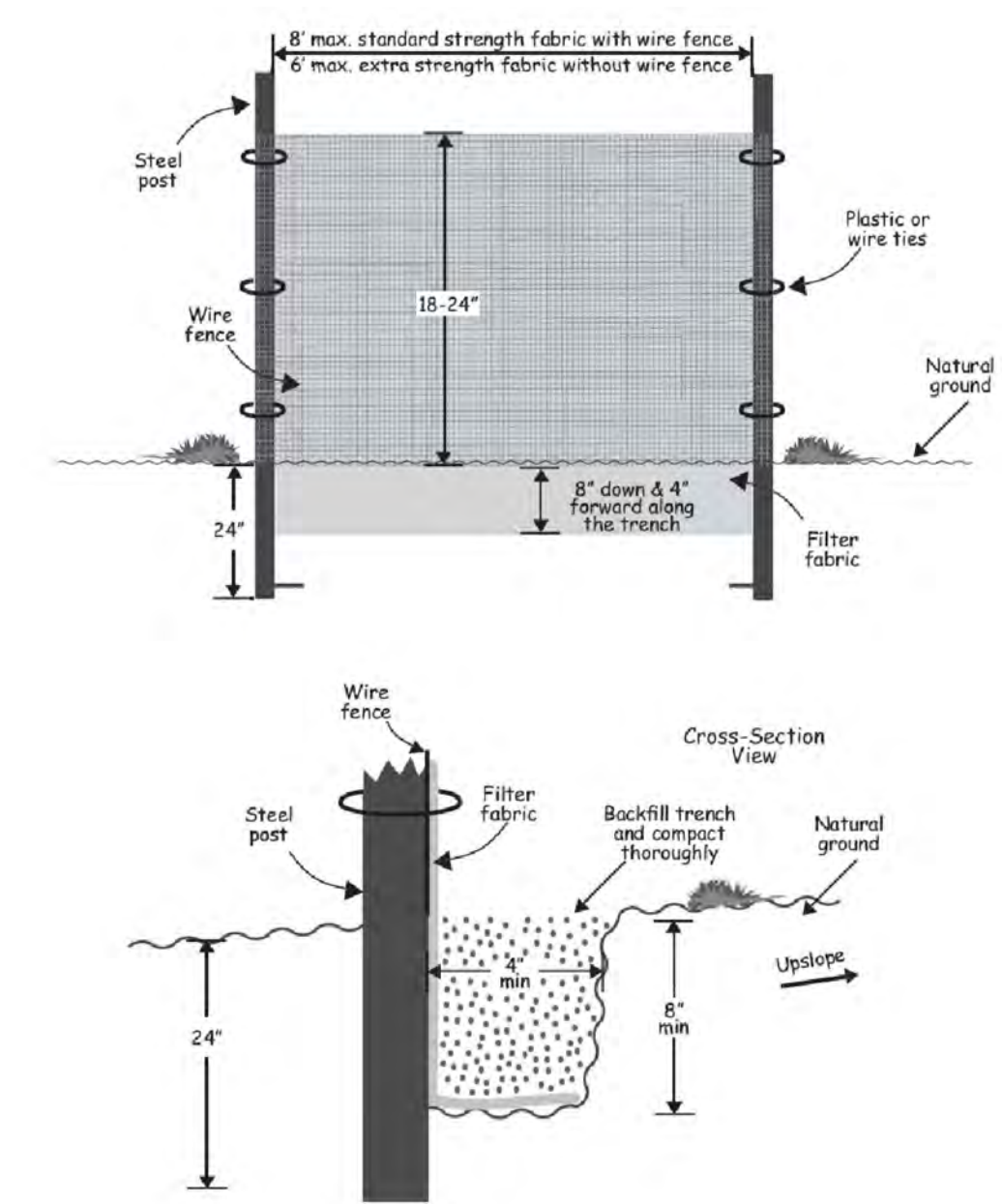
MATERIAL	QUANTITY
SEED	200 LB/ACRE
FERTILIZER	500 LB/ACRE
STRAW MULCH	2000 LB/ACRE
TACKIFIER	100 LB/ACRE

**MAINTENANCE:**

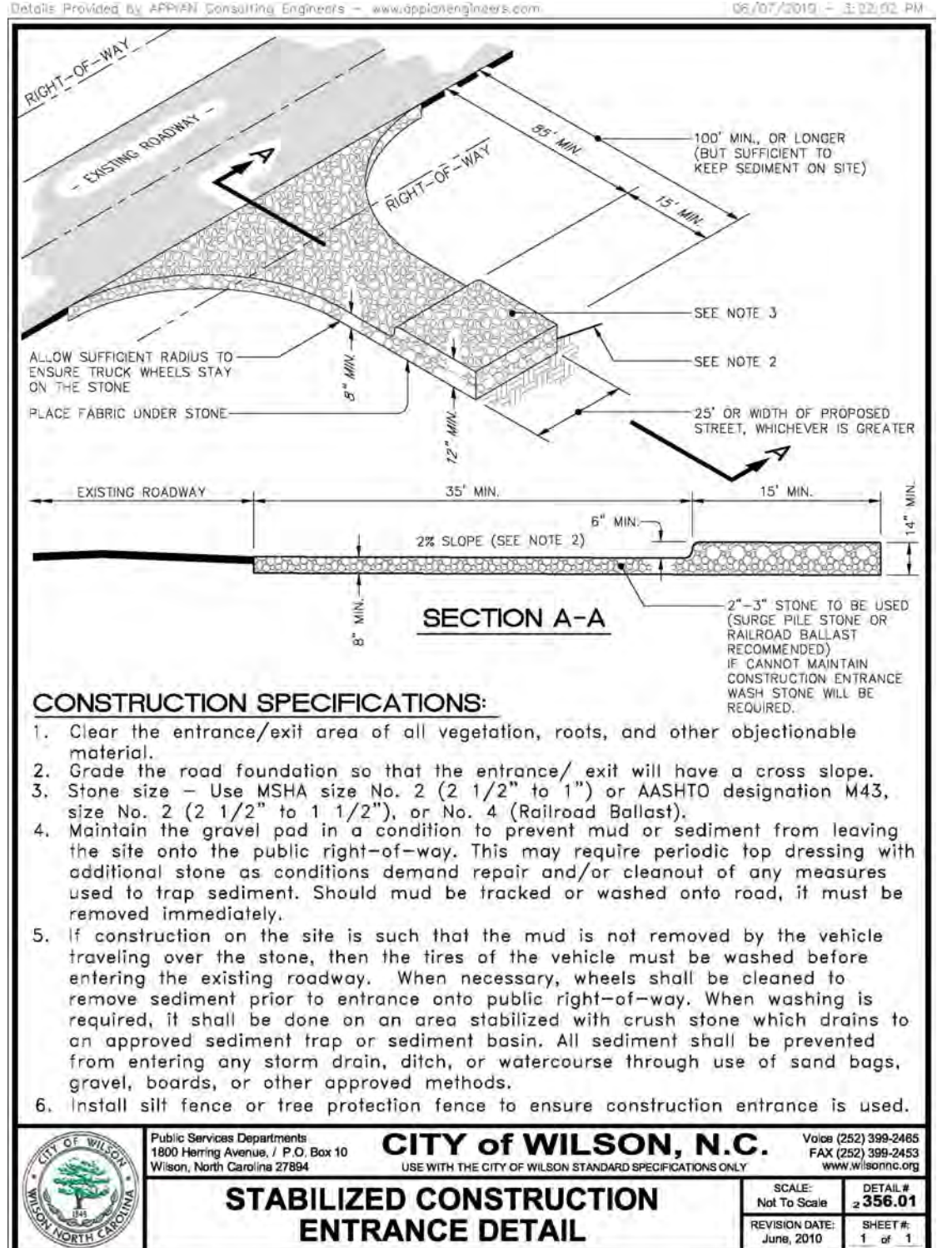
SOME RECOMMENDED GRASS SPECIES MAY REQUIRE TWO YEARS FOR ESTABLISHMENT, DEPENDING ON SITE CONDITIONS. INSPECT SEEDING AREA FOR FAILURE AND MAKE NECESSARY REPAIRS, SOIL AMENDMENTS, AND RESEEDINGS. IF WEEDY EXOTIC SPECIES HAVE OVERTAKEN THE AREA AFTER THE FIRST GROWING SEASON, THE INVADING SPECIES MUST BE ERADICATED TO ALLOW NATIVE SPECIES TO GROW. NATIVE VEGETATIONS ARE DIFFICULT TO MANAGE AND TAKE LONGER TO ESTABLISH. MONITOR THE SITE UNTIL LONG TERM STABILITY HAS BEEN ESTABLISHED.



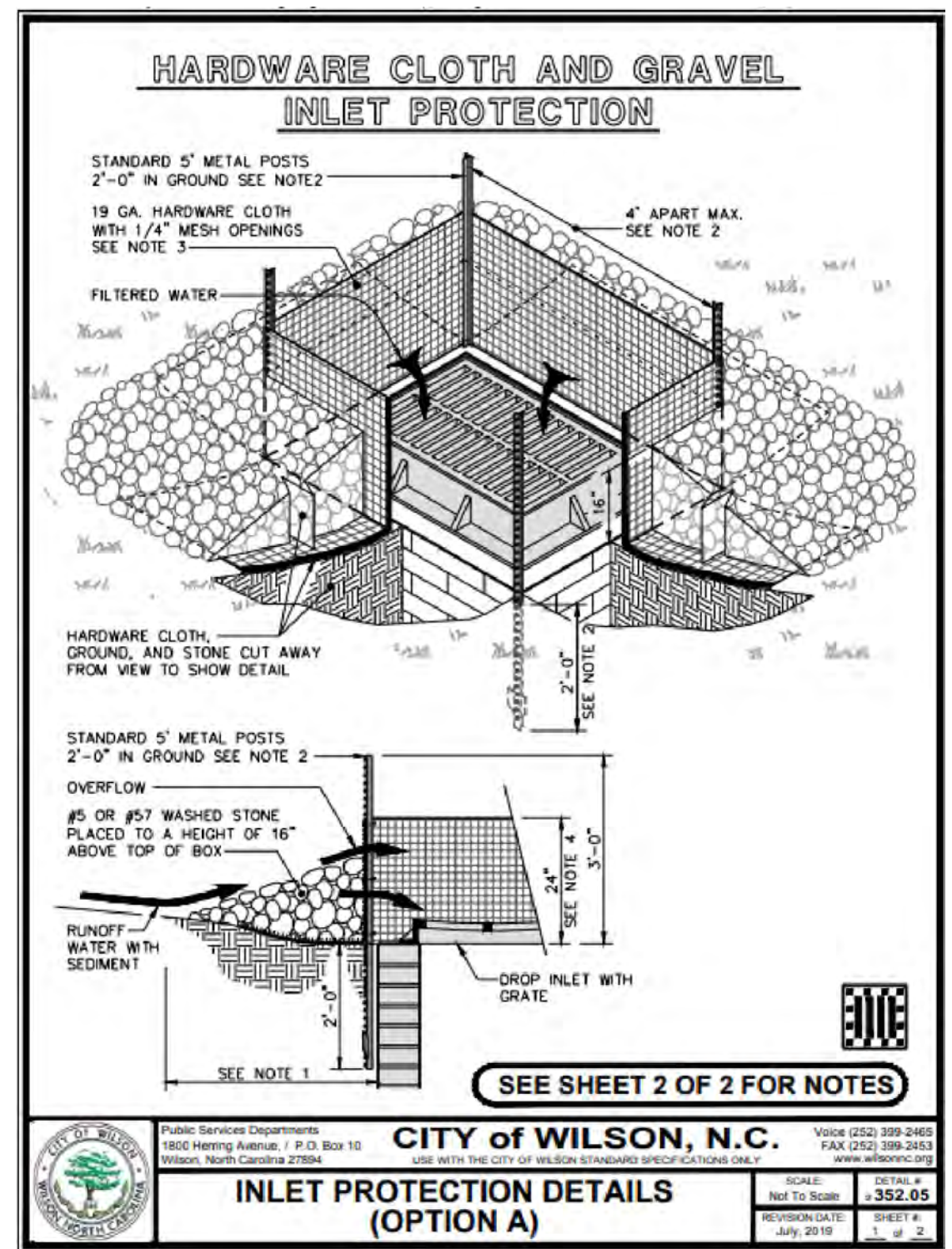
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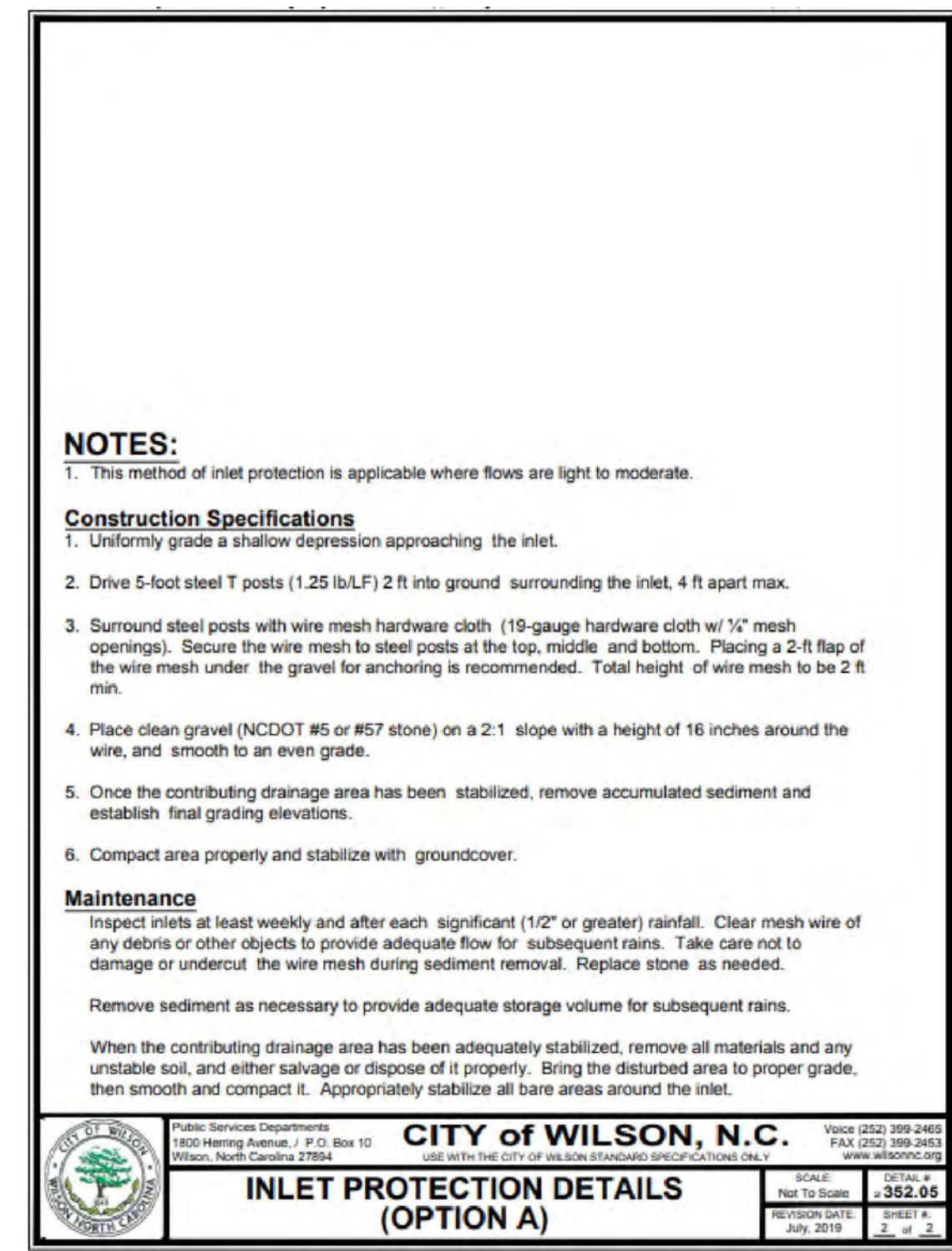
**SILT FENCE DETAIL NO SCALE**



**STABILIZED CONSTRUCTION ENTRANCE DETAIL**



**INLET PROTECTION DETAILS (OPTION A)**



**INLET PROTECTION DETAILS (OPTION B)**

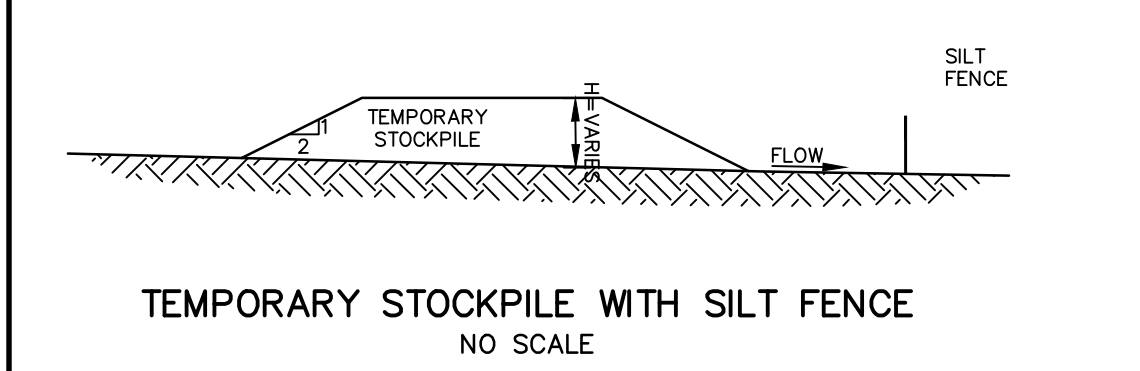
**INSTALLATION SPECIFICATION:**

1. THE BASE OF BOTH END POSTS SHOULD BE AT LEAST ONE FOOT HIGHER THAN THE MIDDLE OF THE FENCE. CHECK WITH A LEVEL IF NECESSARY.
2. INSTALL POSTS 2 FEET APART IN CRITICAL AREAS AND 6 FEET APART ON STANDARD APPLICATIONS.
3. INSTALL POSTS 2 FEET DEEP ON THE DOWNSTREAM SIDE OF THE SILT FENCE, AND AS CLOSE AS POSSIBLE TO THE FABRIC. ENABLING POSTS TO SUPPORT THE FABRIC FROM UPSTREAM PRESSURE.
4. INSTALL POSTS WITH THE NIPPLES FACING AWAY FROM THE SILT FABRIC.
5. ATTACH THE FABRIC TO EACH POST WITH THREE TIES, ALL SPACED WITHIN THE TOP 8 INCHES OF THE FABRIC. ATTACH EACH DIAGONALLY 45 DEGREES THROUGH THE FABRIC, WITH EACH PUNCTURE AT LEAST 1 INCH VERTICALLY APART. ALSO, EACH TIE SHOULD BE POSITIONED TO HANG ON A POST NIPPLE WHEN TIGHTENED TO PREVENT SAGGING.
6. WRAP APPROXIMATELY 6 INCHES OF FABRIC AROUND THE END POSTS AND SECURE WITH 3 TIES.
7. NO MORE THAN 24 INCHES OF A 36 INCH FABRIC IS ALLOWED ABOVE GROUND LEVEL.
8. THE INSTALLATION SHOULD BE CHECKED AND CORRECTED FOR ANY DEVIATIONS BEFORE COMPACTION.
9. COMPACTION IS VITALLY IMPORTANT FOR EFFECTIVE RESULTS. COMPACT THE SOIL IMMEDIATELY NEXT TO THE SILT FENCE FABRIC WITH THE FRONT WHEEL OF THE TRACTOR, SKID STEER, OR ROLLER EXERTING AT LEAST 60 POUNDS PER SQUARE INCH. COMPACT THE UPSTREAM SIDE FIRST, AND THEN EACH SIDE TWICE FOR A TOTAL OF 4 TRIPS.

**MAINTENANCE:**

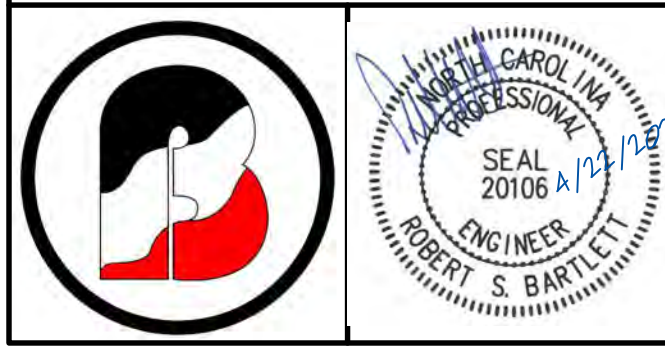
INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY. REMOVE THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. SEDIMENTS BEHIND THE FENCE MUST NOT BE ALLOWED TO GO BEYOND 1/3 OF THE FENCE HEIGHT. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT.

REMOVE ALL FENCING MATERIALS AND UNUSABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.



**TEMPORARY STOCKPILE WITH SILT FENCE NO SCALE**

STOCKPILE STABILIZATION  
 STOCKPILES OF SOIL AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE MORE THAN THREE (3) DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES (I.E. PERIMETER SILT FENCE). STOCKPILES TO REMAIN IN PLACE FOR 30 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.



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**SEDIMENT & EROSION CONTROL DETAILS**

**LODGE STREET PARKING LOT**  
 CITY OF WILSON

DATE: APR. 2022	PROJECT: 19-003
SCALE(HORZ): AS SHOWN	CLIENT CODE: WC
SCALE(VERT):	CADFILE: 19003SP3
	FIELD BOOK: 358
	DRAWN BY: LR
	SURVEY BY: DB, JB, TB
REVISIONS:	

CITY OF WILSON	WILSON COUNTY
NORTH CAROLINA	ZONE:
PIN #	SHEET DT2



**GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT**

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

**SECTION E: GROUND STABILIZATION**

Site Area Description	Required Ground Stabilization Timeframes	
	Stabilize within this many calendar days after ceasing land disturbance	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
(d) Slopes 3:1 to 4:1	14	-7 days for slopes greater than 50' in length and with slopes steeper than 4:1 -7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed
(e) Areas with slopes flatter than 4:1	14	-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed unless there is zero slope

**Note:** After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

**GROUND STABILIZATION SPECIFICATION**

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
<ul style="list-style-type: none"> <li>Temporary grass seed covered with straw or other mulches and tackifiers</li> <li>Hydroseeding</li> <li>Roller erosion control products with or without temporary grass seed</li> <li>Appropriately applied straw or other mulch</li> <li>Plastic sheeting</li> </ul>	<ul style="list-style-type: none"> <li>Permanent grass seed covered with straw or other mulches and tackifiers</li> <li>Geotextile fabrics such as permanent soil reinforcement matting</li> <li>Hydroseeding</li> <li>Shrubs or other permanent plantings covered with mulch</li> <li>Uniform and evenly distributed ground cover sufficient to restrain erosion</li> <li>Structural methods such as concrete, asphalt or retaining walls</li> <li>Roller erosion control products with grass seed</li> </ul>

**POLYACRYLAMIDES (PAMS) AND FLOCCULANTS**

- Select flocculants that are appropriate for the soils being exposed during construction, selecting from the *NC DWR List of Approved PAMS/Flocculants*.
- Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
- Apply flocculants at the concentrations specified in the *NC DWR List of Approved PAMS/Flocculants* and in accordance with the manufacturer's instructions.
- Provide ponding area for containment of treated Stormwater before discharging offsite.
- Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

**EQUIPMENT AND VEHICLE MAINTENANCE**

- Maintain vehicles and equipment to prevent discharge of fluids.
- Provide drip pans under any stored equipment.
- Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
- Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
- Remove leaking vehicles and construction equipment from service until the problem has been corrected.
- Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

**LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE**

- Never bury or burn waste. Place litter and debris in approved waste containers.
- Provide a sufficient number and size of waste containers (e.g. dumpster, trash receptacle) on site to contain construction and domestic wastes.
- Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
- Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
- Anchor all lightweight items in waste containers during times of high winds.
- Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
- Dispose waste off-site at an approved disposal facility.
- On business days, clean up and dispose of waste in designated waste containers.

**PAINT AND OTHER LIQUID WASTE**

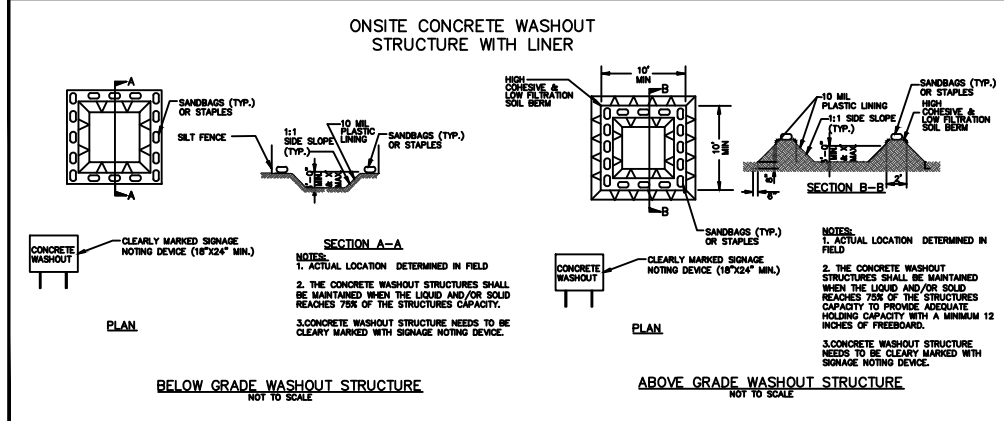
- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
- Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- Containment must be labeled, sized and placed appropriately for the needs of site.
- Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

**PORTABLE TOILETS**

- Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
- Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
- Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

**EARTHEN STOCKPILE MANAGEMENT**

- Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
- Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
- Show stable stone access point when feasible.
- Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.



**CONCRETE WASHOUTS**

- Do not discharge concrete or cement slurry from the site.
- Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
- Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
- Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
- Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
- Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
- Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
- Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
- Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
- At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

**HERBICIDES, PESTICIDES AND RODENTICIDES**

- Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
- Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
- Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
- Do not stockpile these materials onsite.

**HAZARDOUS AND TOXIC WASTE**

- Create designated hazardous waste collection area on-site.
- Place hazardous waste containers under cover or in secondary containment.
- Do not store hazardous chemicals, drums or bagged materials directly on the ground.

**PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING**

**SECTION A: SELF-INSPECTION**

Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the Inspection Record.

Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, and no individual-day rainfall information is available, record the cumulative rain measurement for those unattended days (and this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as "zero." The permittee may use another rain-measuring device approved by the Division.
(2) E&S Measures	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the measures inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Indication of whether the measures were operating properly. 5. Description of maintenance needs for the measure. 6. Description, evidence, and date of corrective actions taken.
(3) Stormwater discharge outfalls (SDOs)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the discharge outfalls inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration. 5. Indication of visible sediment leaving the site. 6. Description, evidence, and date of corrective actions taken.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If visible sedimentation is found outside site limits, then a record of the following shall be made: 1. Actions taken to clean up or stabilize the sediment that has left the site limits. 2. Description, evidence, and date of corrective actions taken, and 3. An explanation as to the actions taken to control future releases.
(5) Streams or wetlands onsite or offsite (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence and date of corrective actions taken, and 2. Records of the required reports to the appropriate Division Regional Office per Part III, Section C, Item 2(f) of this permit of this permit.
(6) Ground stabilization measures	After each phase of grading	1. The phase of grading (installation of perimeter E&S measures, clearing and grubbing, installation of storm drainage facilities, completion of all land disturbing activity, construction or redevelopment, permanent ground cover). 2. Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided as soon as possible.

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

**PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING**

**SECTION B: RECORDKEEPING**

**1. E&S Plan Documentation**

The approved E&S plan as well as any approved deviation shall be kept on the site. The approved E&S plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&S plan shall be documented in the manner described:

Item to Document	Documentation Requirements
(a) Each E&S Measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&S Plan.	Initial and date each E&S Measure on a copy of the approved E&S Plan or complete, date and sign an inspection report that lists each E&S Measure shown on the approved E&S Plan. This documentation is required upon the initial installation of the E&S Measures or if the E&S Measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved E&S Plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved E&S Plan.	Initial and date a copy of the approved E&S Plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all E&S Measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to E&S Measures.	Initial and date a copy of the approved E&S Plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

**2. Additional Documentation**

In addition to the E&S Plan documents above, the following items shall be kept on the site and available for agency inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

- This general permit as well as the certificate of coverage, after it is received.
- Records of inspections made during the previous 30 days. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.
- All data used to complete the Notice of Intent and older inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

**PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING**

**SECTION C: REPORTING**

**1. Occurrences that must be reported**

- Permittees shall report the following occurrences:
- Visible sediment deposition in a stream or wetland.
  - Oil spills if:
    - They are 25 gallons or more,
    - They are less than 25 gallons but cannot be cleaned up within 24 hours,
    - They cause sheen on surface waters (regardless of volume), or
    - They are within 100 feet of surface waters (regardless of volume).
  - Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4) or G.S. 143-215.85.
  - Anticipated bypasses and unanticipated bypasses.
  - Noncompliance with the conditions of this permit that may endanger health or the environment.

**2. Reporting Timeframes and Other Requirements**

After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Division's Emergency Response personnel at (800) 662-7956, (800) 858-0368 or (919) 733-3300.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	<ul style="list-style-type: none"> <li><b>Within 24 hours:</b> an oral or electronic notification.</li> <li><b>Within 7 calendar days:</b> a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis.</li> <li>If the stream is named on the <a href="#">NC 303(d) list</a> as impaired for sediment-related causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired waters conditions.</li> </ul>
(b) Oil spills and release of hazardous substances per Item 1(b)-(c) above	<ul style="list-style-type: none"> <li><b>Within 24 hours:</b> an oral or electronic notification. The notification shall include information about the date, time, nature, volume and location of the spill or release.</li> </ul>
(c) Anticipated bypasses [40 CFR 122.41(m)(3)]	<ul style="list-style-type: none"> <li><b>A report at least ten days before the date of the bypass, if possible.</b> The report shall include an evaluation of the anticipated quality and effect of the bypass.</li> </ul>
(d) Unanticipated bypasses [40 CFR 122.41(m)(3)]	<ul style="list-style-type: none"> <li><b>Within 24 hours:</b> an oral or electronic notification.</li> <li><b>Within 7 calendar days:</b> a report that includes an evaluation of the quality and effect of the bypass.</li> </ul>
(e) Noncompliance with the conditions of this permit that may endanger health or the environment [40 CFR 122.41(j)(7)]	<ul style="list-style-type: none"> <li><b>Within 24 hours:</b> an oral or electronic notification.</li> <li><b>Within 7 calendar days:</b> a report that contains a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue, and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. [40 CFR 122.41(j)(6)].</li> <li>Division staff may waive the requirement for a written report on a case-by-case basis.</li> </ul>

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/19

NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19



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S&E DETAILS  
NCG01

**LODGE STREET PARKING LOT**  
CITY OF WILSON

DATE: APR. 2022  
SCALE(HORZ): AS SHOWN  
SCALE(VERT):  
REVISIONS:

PROJECT: 19-003  
CLIENT CODE: WC  
CADFILE: 19003SP3  
FIELD BOOK: 358  
DRAWN BY: LR  
SURVEY BY: DB, JB, TB

CITY OF WILSON WILSON COUNTY  
NORTH CAROLINA ZONE:  
PIN # SHEET DT3