

**WIGGINS MILL PARK**  
**PHASE I - BOAT RAMP**  
*for*  
**CITY OF WILSON**  
*Wilson County, North Carolina*  
**AUGUST 2020**



**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**

**DEPUTY CITY MANAGER:**

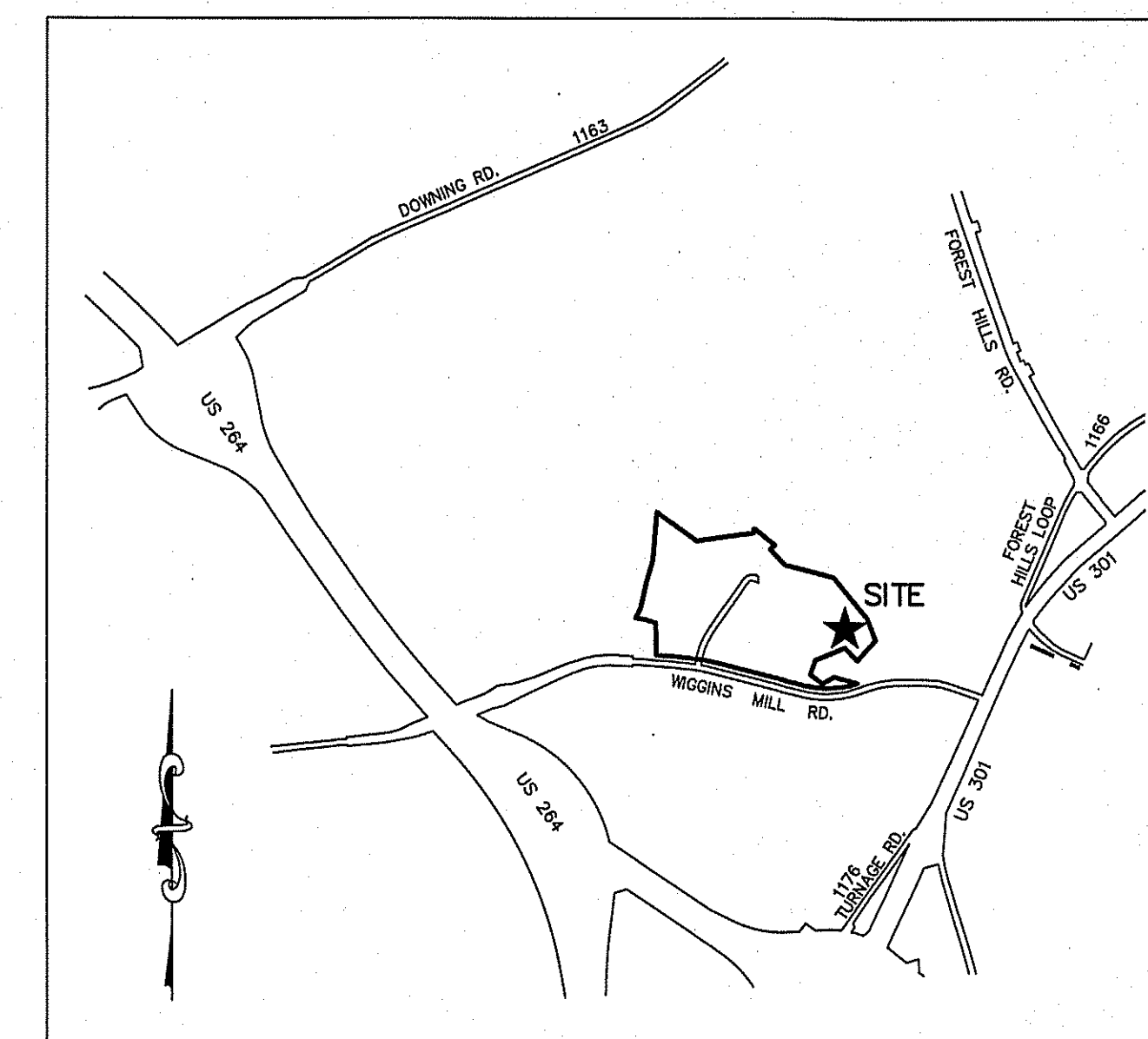
**HARRY TYSON**

**CITY CLERK:**

**TONYA A. WEST**

**DIRECTOR OF PARKS AND RECREATION:**

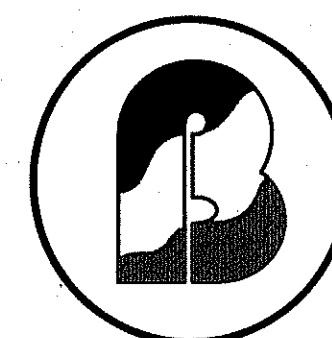
**DAVID LEE**



LOCATION MAP  
NO SCALE

**PREPARED BY:**

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



NO ADDITIONS, DELETIONS, CHANGES OR MODIFICATIONS WERE MADE TO THIS PLAN OTHER THAN THOSE REQUESTED BY THE CITY OF WILSON TECHNICAL REVIEW COMMITTEE.

*[Signature]* 8-17-2020  
 PUBLIC SERVICES/STORMWATER DATE

**SHEET INDEX**

- CV COVER SHEET
- CP1 OVERALL SITE
- CP2 EXISTING CONDITIONS/DEMOLITION PLAN
- CP3 SITE PLAN
- CP4 GRADING PLAN
- CP5 SEDIMENTATION AND EROSION CONTROL PLAN
- DT1 STANDARD DETAILS
- DT2 EROSION CONTROL DETAILS
- DT3 NCG01 (1 OF 2)
- DT4 NCG01 (2 OF 2)



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 WILSON, N.C. 27893-1726  
 LICENSE # C-1551  
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COVER SHEET

**WIGGINS MILL PARK**  
**PHASE I - BOAT RAMP**  
**CITY OF WILSON**  
**WILSON COUNTY**

DATE: JULY 2020  
 SURVEY BY:  
 DRAWN BY: LR  
 CLIENT CODE: WC  
 PROJECT: 19-302  
 CADFILE: 19302SP1  
 SCALE: NTS  
 REVISIONS  
 TRC COMMENTS 8/11/2020

SHEET

CV

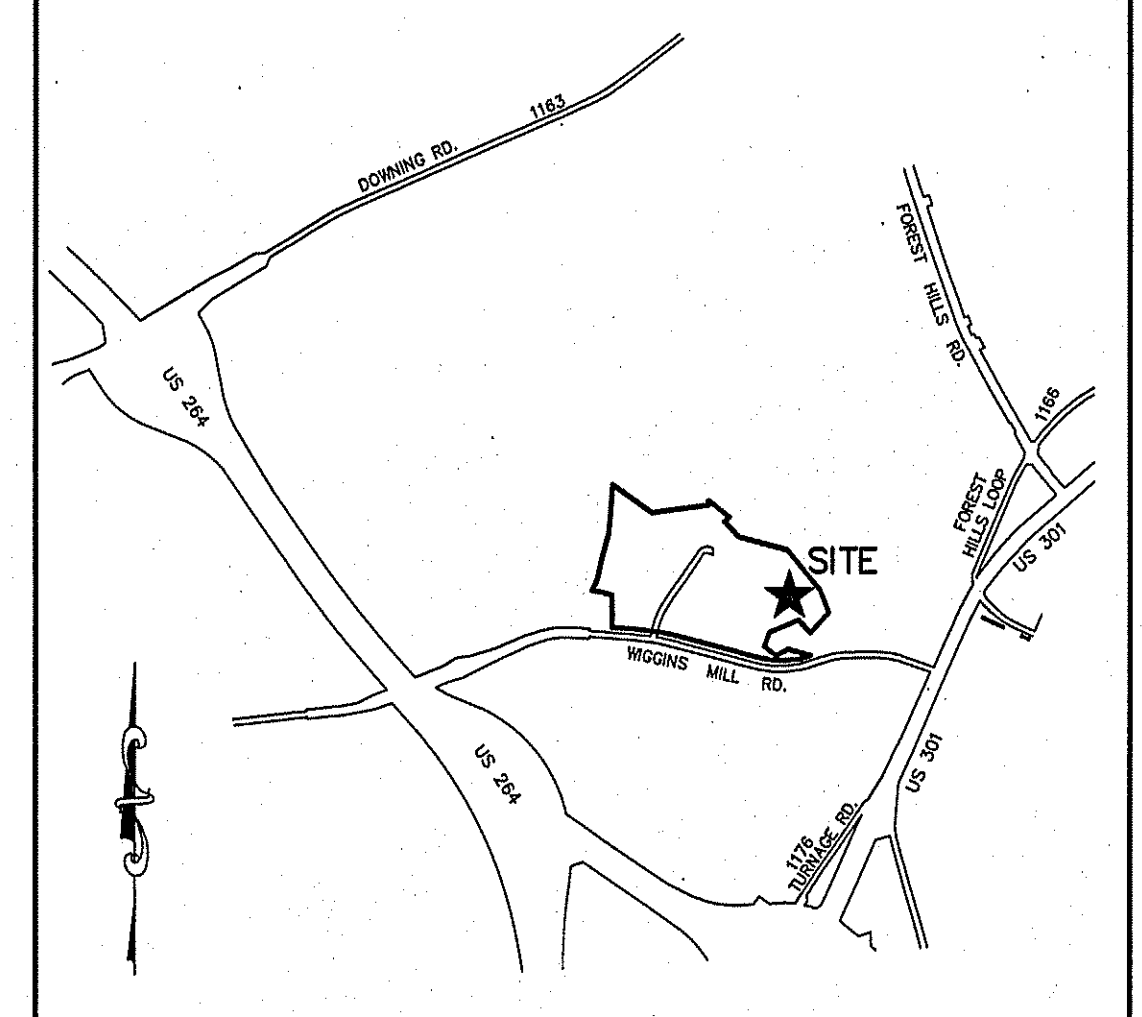
Catchment Area	Acreage	Maximum Impervious Percentage	Undisturbed Open Space (ac)	Nitrogen Loading (lbs)	Managed Open Space (ac)	Nitrogen Loading (lbs)	Nitrogen Impervious Area (ac)	Nitrogen Loading (lbs)	TOTAL N Loading w/o BMP's (lbs)	Nitrogen Reduction Factor	TOTAL Nitrogen Loading with BMP's (lbs)	TOTAL Nitrogen lbs/ac/yr	Excess Nitrogen lbs/ac/yr
Wiggins Mill Park	63.10		5.23	3.14	53.91	64.69	3.96	83.95	151.78	1.00	151.78	2.41	-1.19
Totals	63.10								151.78		151.78	2.41	-1.19

BMP	Type	TN Removal Rate
WP	Wet Pond	30%
DP	Dry Pond	10%
SF	Sand Filter	35%
B	Bioretention	35%
W	Stormwater Wetland	44%
LS-FS	Veg. Filter Strips	30%
PRO	Proprietary BMP's	Varies

PEAK RUN-OFF (RATIONAL METHOD, Q=CIA)	EXISTING CONDITIONS	PROPOSED CONDITIONS	"C" VALUE
TOTAL ACRES	63.1	63.1	
CROPLAND	20.66	0	0.25
PARK	0	53.91	0.25
WOODED AREA	36.13	0	0.25
OPEN WATER	5.23	5.23	0.95
ASPHALT STREET/PARKING	0.91	3.81	0.7
BUILDINGS	0.17	0.15	0.9
COMPOSITE "C" VALUE	0.32	0.34	
INTENSITY "I", 1-YR, 24 HR	2.91	2.91	
RUN-OFF (CFS)	58.08	61.82	



VICINITY MAP  
NOT TO SCALE

**SITE DATA**

TOTAL AREA: 63.11 AC  
 ZONING: OS & RA  
 MIN. BLDG. LINES: RA: FRONT 50'/25'  
 SIDE 20'/10'  
 ST. SIDE 50'/25'  
 REAR 50'/25'  
 OS: FRONT N/A  
 SIDE N/A  
 ST. SIDE N/A  
 REAR N/A

IMPERVIOUS AREA BEFORE CONSTR.: 1.08 AC±  
 IMPERVIOUS AREA AFTER CONSTR.: 3.96 AC± (INCL. FUTURE PHASES)

EXISTING LAND USAGE: VACANT/PARK

ADDRESS: PHASE 1 LOT: 3944 WIGGINS MILL ROAD B  
 BOAT RAMP: 3944 WIGGINS MILL ROAD BOAT RAMP

OWNER: CITY OF WILSON WILSON COUNTY  
 PO BOX 10 PO BOX 1728  
 WILSON, NC 27894 WILSON, NC 27893

PIN NO. 3700-97-4809  
 3710-07-3496  
 3710-07-9412

REFERENCES: DEED BOOK 2708 PAGE 181  
 DEED BOOK 1908 PAGE 220  
 DEED BOOK 1907 PAGE 635  
 PLAT BOOK 18 PAGE 172

PROPOSED PARKING: (PHASE I)  
 21-9x18  
 2-8x18 H/C  
 10-TRAILER SPACES  
 33-TOTAL SPACES

**NOTES**

- AREAS COMPUTED BY COORDINATE CALCULATIONS.
- COORDINATES SHOWN ON PLAT ARE HORIZONTAL COORDINATES UNLESS STATED OTHERWISE.
- ALL DISTANCES SHOWN ARE HORIZONTAL UNLESS NOTED OTHERWISE.
- ALL RIGHTS-OF-WAY ARE PUBLIC UNLESS NOTED OTHERWISE.
- THERE ARE NO CEMETERIES VISIBLE.
- THIS PROPERTY IS SUBJECT TO ALL RIGHTS-OF-WAY, EASEMENTS, RESTRICTIVE COVENANTS AND ORDINANCES.
- UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE LOCATIONS ONLY.
- THIS PROPERTY IS LOCATED IN A FLOOD HAZARD AREA (100 YR FLOOD).
- A PORTION OF THIS PROPERTY IS LOCATED IN THE FLOODWAY.
- THE PROJECT IS LOCATED IN THE WS-IV NSW WATERSHED AREA
- WILSON COUNTY IS IN PROCESS OF DEEDING OWNERSHIP TO CITY OF WILSON. RECOMBINATION/REZONING TO FOLLOW.
- ALL OF PHASE I IS LOCATED IN THE FLOODWAY.

**CONSTRUCTION NOTES:**

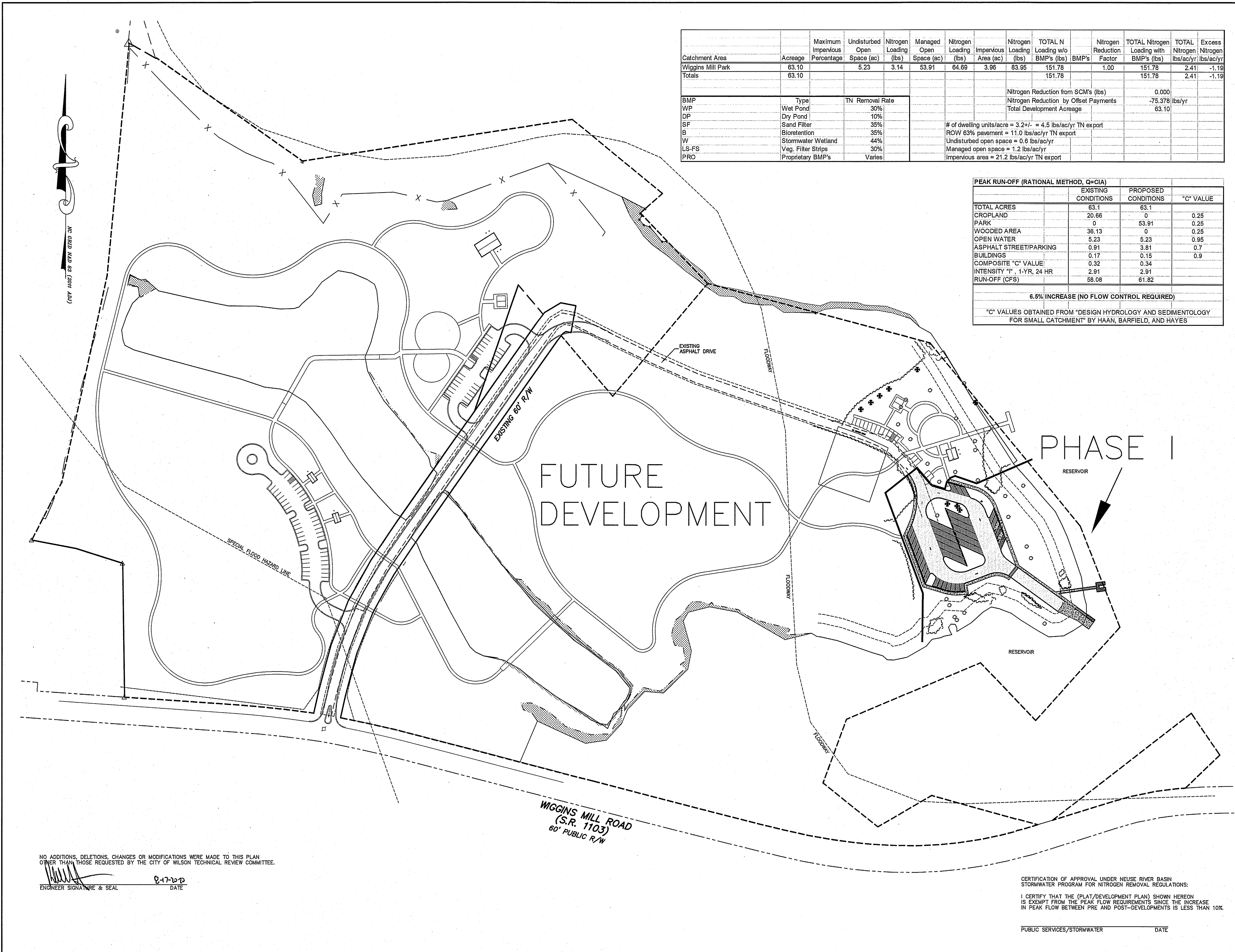
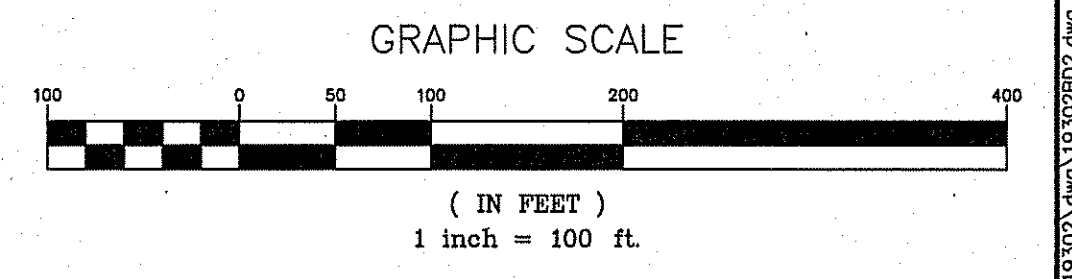
SIDEWALKS TO BE A MINIMUM OF 4" THICK 3000 PSI CONCRETE.  
 ASPHALT PAVING TO BE A MINIMUM 5" CABC & 3" SF9.5B (TWO LIFTS).  
 IF ELECTRICAL IS CONVERTED TO UNDERGROUND, TRANSFORMER SHALL BE POLE MOUNTED ABOVE FLOOD ELEVATION.

CERTIFICATION OF APPROVAL UNDER NEUSE RIVER BASIN STORMWATER PROGRAM FOR NITROGEN REMOVAL REGULATIONS:  
 I CERTIFY THAT THE (PLAT/DEVELOPMENT PLAN) SHOWN HEREON COMPLIES WITH THE NEUSE RIVER STORMWATER PROGRAM FOR NITROGEN REMOVAL REGULATIONS FOR THE CITY OF WILSON.

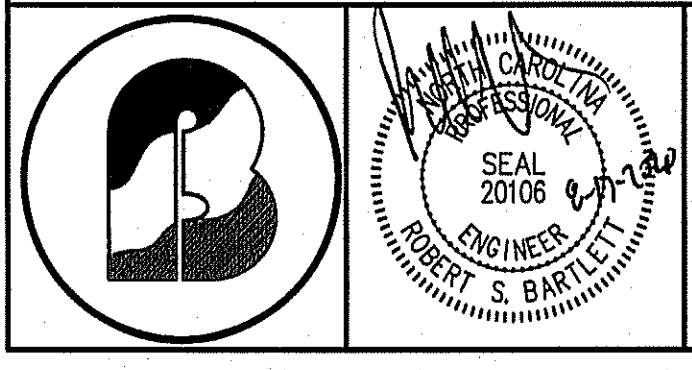
PUBLIC SERVICES/STORMWATER \_\_\_\_\_ DATE \_\_\_\_\_

CERTIFICATION OF APPROVAL UNDER NEUSE RIVER BASIN STORMWATER PROGRAM FOR NITROGEN REMOVAL REGULATIONS:  
 I CERTIFY THAT THE (PLAT/DEVELOPMENT PLAN) SHOWN HEREON IS EXEMPT FROM THE PEAK FLOW REQUIREMENTS SINCE THE INCREASE IN PEAK FLOW BETWEEN PRE AND POST-DEVELOPMENTS IS LESS THAN 10%.

PUBLIC SERVICES/STORMWATER \_\_\_\_\_ DATE \_\_\_\_\_



NO ADDITIONS, DELETIONS, CHANGES OR MODIFICATIONS WERE MADE TO THIS PLAN OTHER THAN THOSE REQUESTED BY THE CITY OF WILSON TECHNICAL REVIEW COMMITTEE.  
 ENGINEER SIGNATURE & SEAL: [Signature] DATE: 8-17-20



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OVERALL SITE PLAN

**WIGGINS MILL PARK**  
 OVERALL SITE PLAN

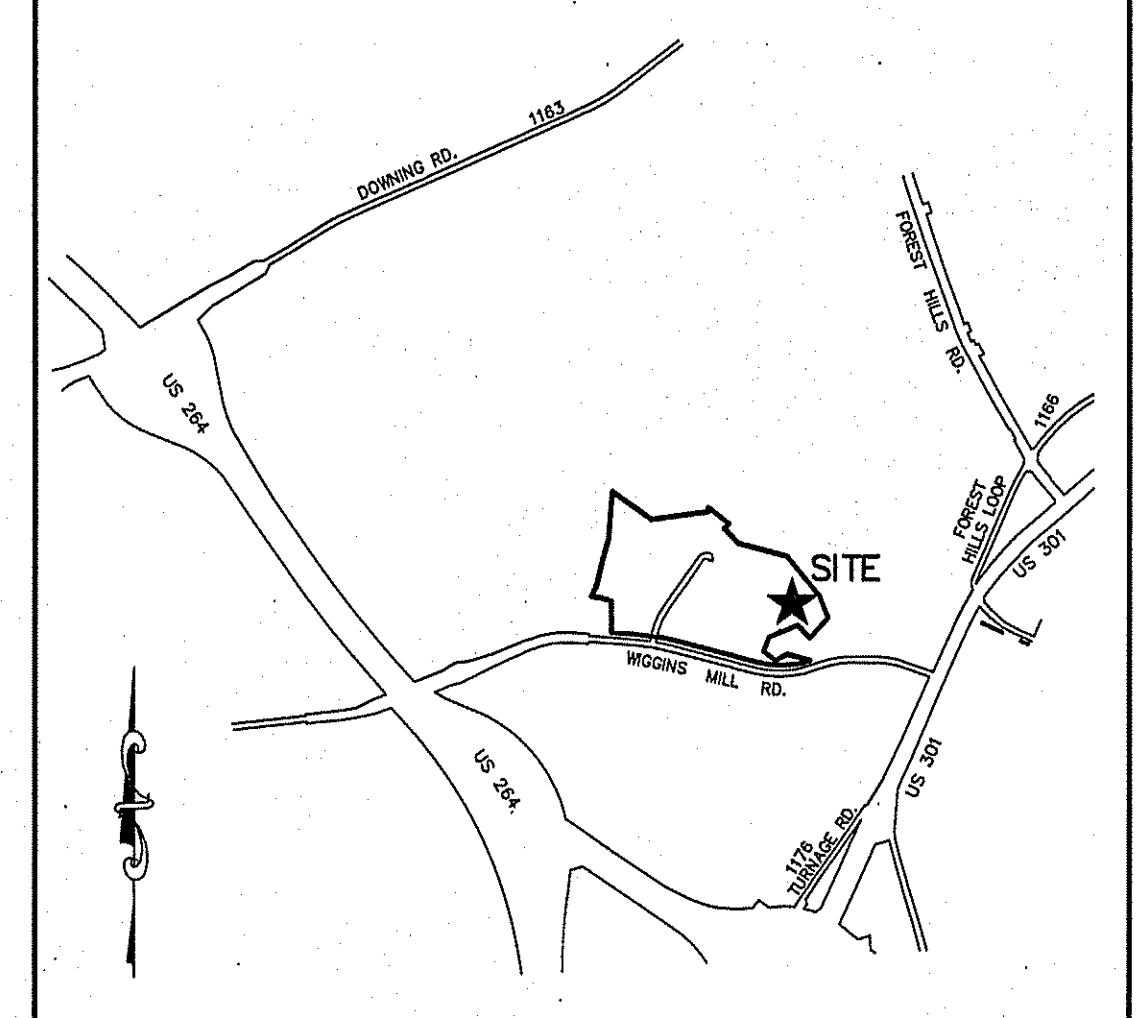
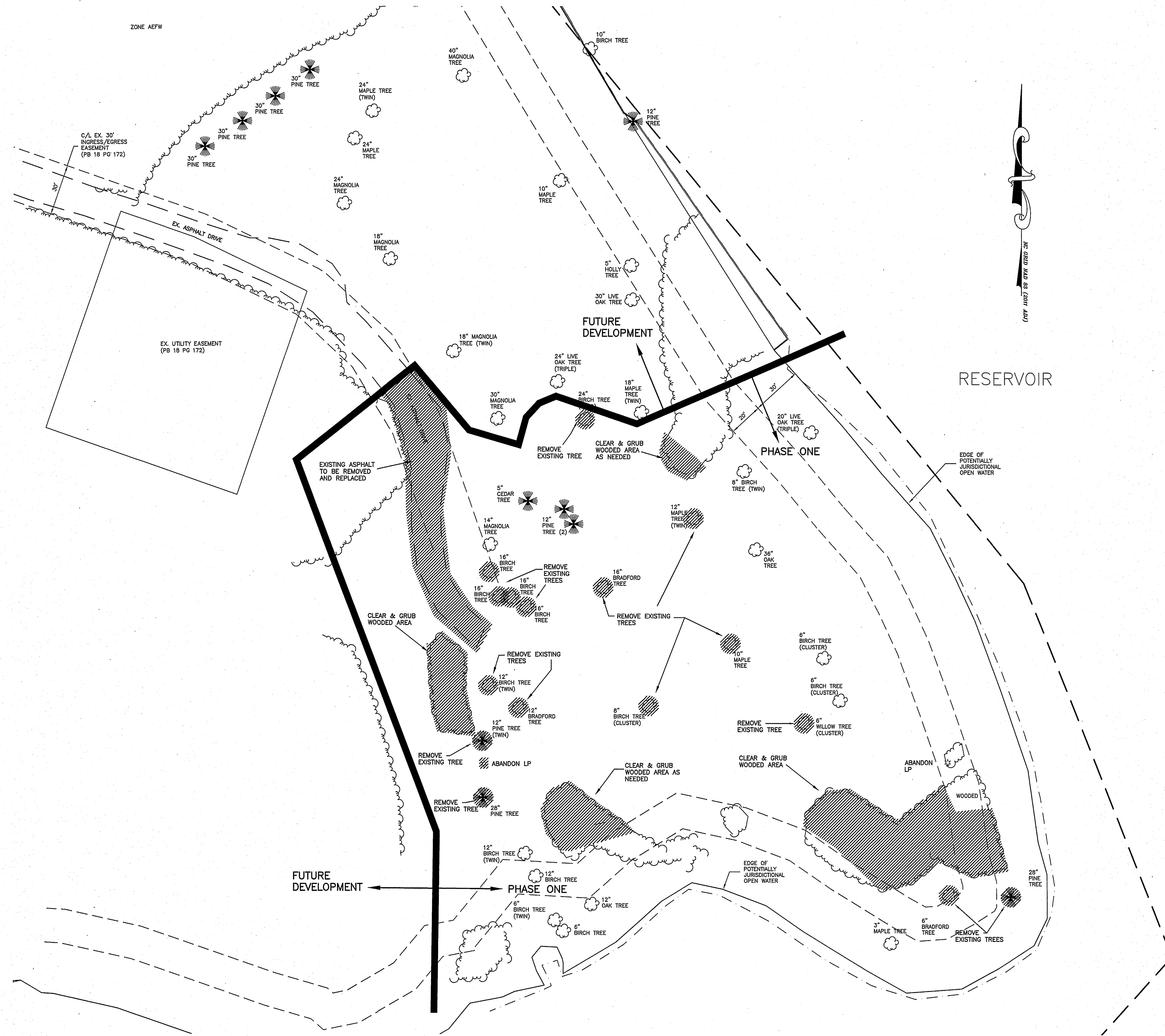
DATE: AUG 2020  
 SCALE(HORIZ): 1" = 100'  
 SCALE(VERT): N/A  
 REVISIONS: TRC COMMENTS 8/11/2020

PROJECT: 19-302  
 CLIENT CODE: WC  
 CADFILE: 19302B02  
 FIELD BOOK:  
 DRAWN BY: LR  
 SURVEY BY:

CITY OF WILSON WILSON COUNTY  
 NORTH CAROLINA ZONE: RA & OS  
 PIN # SHEET CP1

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VICINITY MAP  
NOT TO SCALE

**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.

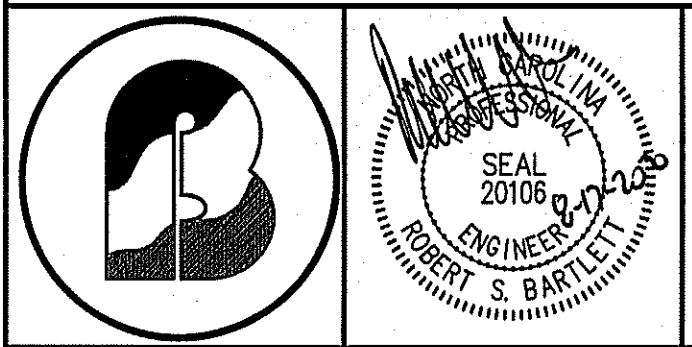
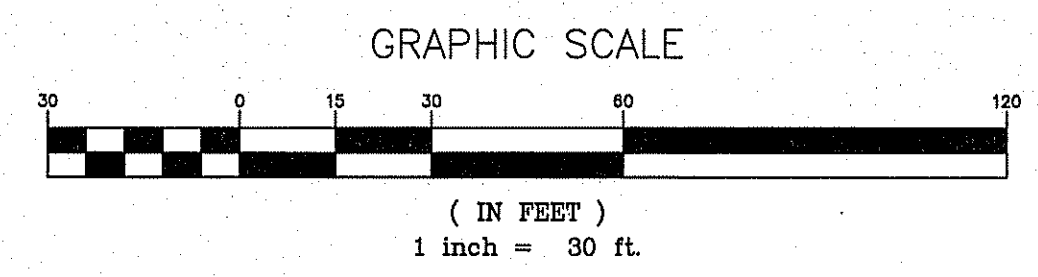
**CONSTRUCTION SAFETY:**  
THESE DRAWINGS DO NOT CONTAIN THE REQUIREMENTS FOR JOB SAFETY. ALL PROVISIONS FOR SAFETY SHALL BE SOLE RESPONSIBILITY OF THE CONTRACTOR.

**GENERAL NOTES:**  
WORK WITHIN THE NCDOT RIGHT-OF-WAY SHALL CONFORM TO NCDOT STANDARDS AND SPECIFICATIONS. CALL ONE CALL CENTER AT 1-800-632-4949 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.

- DEMOLITION TO BE PHASED IN ACCORDANCE WITH CONSTRUCTION SEQUENCE AS INDICATED ON SP7
- UNUSABLE EXCAVATED MATERIALS AND ALL WASTE RESULTING FROM DEMOLITION SHALL BE DISPOSED OF AT AN APPROVED PERMITTED OFF-SITE LOCATION BY CONTRACTOR. CLEAN ASPHALT, CONCRETE AND STONE MAY BE DISPOSED AT CITY OF WILSON RECYCLE YARD AT DOWNING STREET (COORDINATE WITH BILL BASS AT 252-399-2467). CLEAN SOIL MAY BE DISPOSED AT WILSON COUNTY LANDFILL WITH NO TIPPING FEES (COORDINATE WITH ANDY DAVIS 252-399-2823).
- 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.
- 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, SIDEWALK OR ASPHALT DAMAGED DURING CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

TO BE REMOVED/DEMOLISHED

EROSION CONTROL LEGEND	
	LIMITS OF DISTURBANCE
	SILT FENCE
	CONSTRUCTION ENTRANCE
	SILT SOCKS
	SILT FENCE OUTLET



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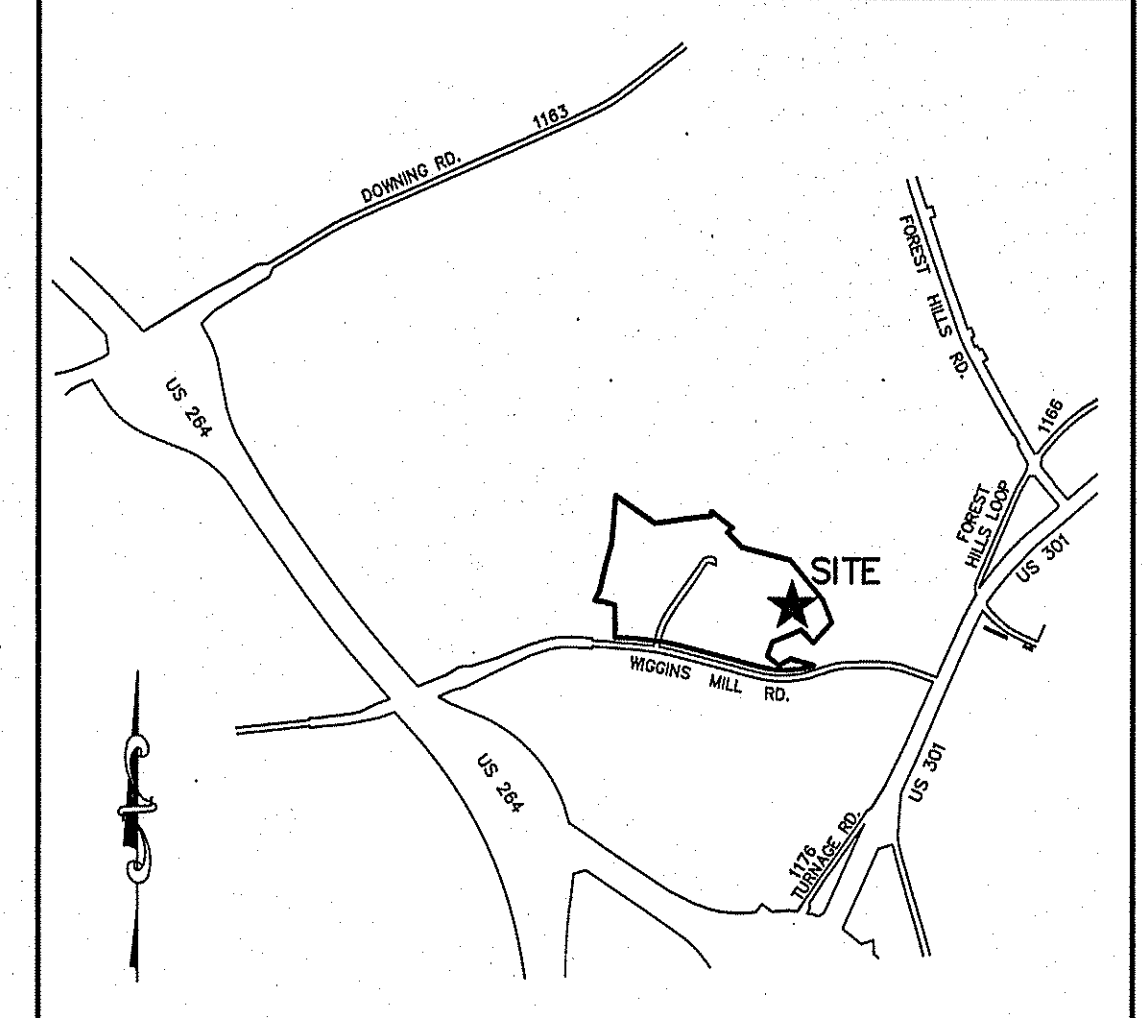
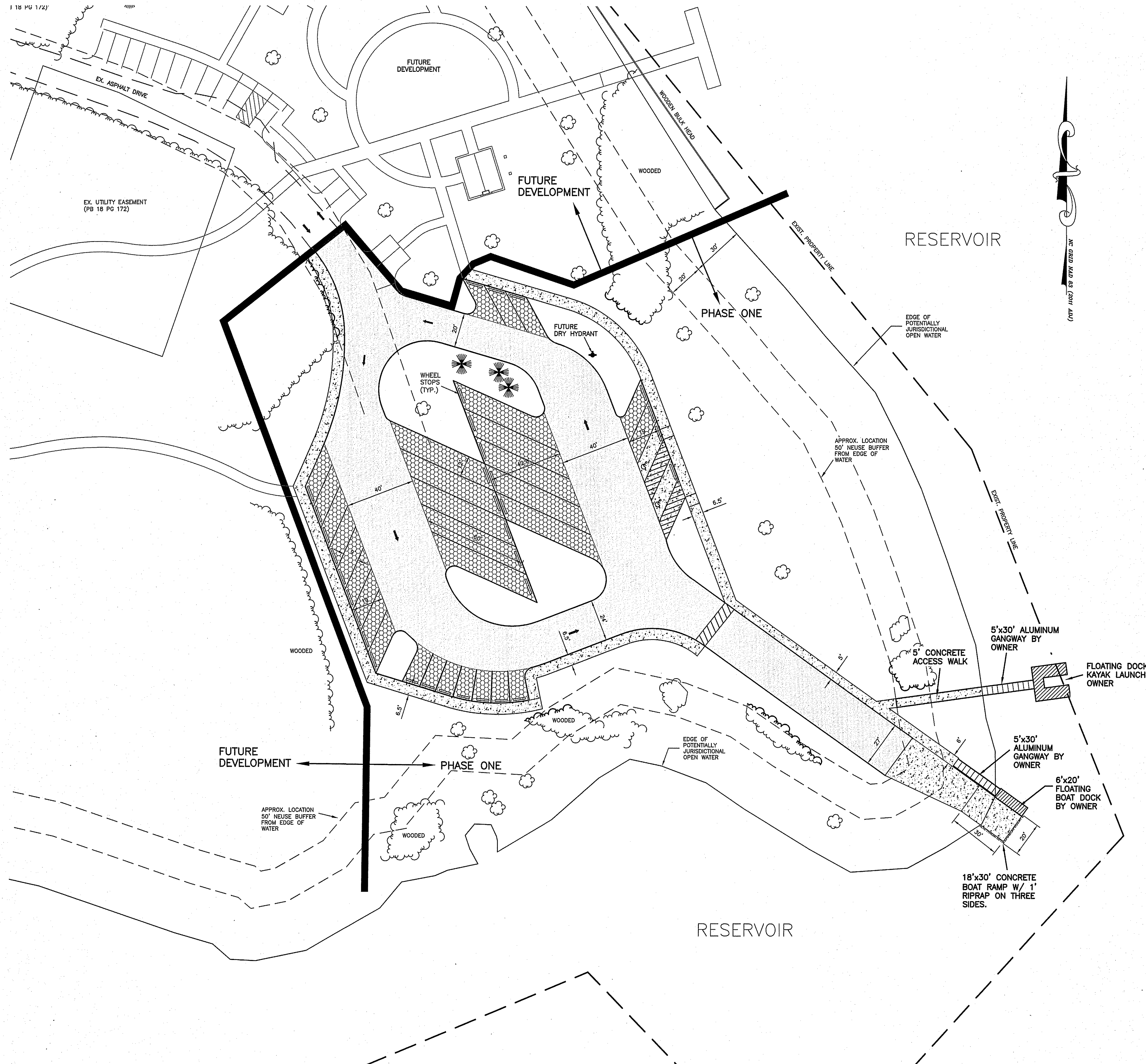
EXISTING CONDITIONS/  
DEMOLITION PLAN

**WIGGINS MILL PARK**  
PHASE I - BOAT RAMP

DATE: AUG 2020  
SCALE(HORZ): 1" = 30'  
SCALE(VERT): N/A  
REVISIONS: TRC COMMENTS 8/11/2020

CITY OF WILSON	WILSON COUNTY
NORTH CAROLINA	ZONE: RA & OS
PIN #	SHEET CP2

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**SITE DATA**

TOTAL AREA:	63.11 AC
ZONING:	OS & RA
MIN. BLDG. LINES:	RA: FRONT 50'/25' SIDE 25'/10' REAR 50'/25'
	OS: FRONT N/A SIDE N/A REAR N/A
IMPERVIOUS AREA BEFORE CONSTR.:	1.08 AC±
IMPERVIOUS AREA AFTER CONSTR.:	3.96 AC± (INCL. FUTURE PHASES)
EXISTING LAND USAGE:	VACANT/PARK
ADDRESS:	PHASE 1 LOT: 3944 WIGGINS MILL ROAD B BOAT RAMP: 3944 WIGGINS MILL ROAD BOAT RAMP
OWNER:	CITY OF WILSON WILSON COUNTY PO BOX 10 PO BOX 1728 WILSON, NC 27894 WILSON, NC 27893
PIN NO.:	3700-07-4809 3710-07-3498 3710-07-9412
REFERENCES:	DEED BOOK 2706 PAGE 181 DEED BOOK 1808 PAGE 220 DEED BOOK 1907 PAGE 635 PLAT BOOK 18 PAGE 172
PROPOSED PARKING: (PHASE I)	21-9x18 2-8x18 H/C 10-TRAILER SPACES 33-TOTAL SPACES

- NOTES**
- AREAS COMPUTED BY COORDINATE CALCULATIONS.
  - COORDINATES SHOWN ON PLAT ARE HORIZONTAL COORDINATES UNLESS STATED OTHERWISE.
  - ALL DISTANCES SHOWN ARE HORIZONTAL UNLESS NOTED OTHERWISE.
  - ALL RIGHTS-OF-WAY ARE PUBLIC UNLESS NOTED OTHERWISE.
  - THERE ARE NO CEMETERIES VISIBLE.
  - THIS PROPERTY IS SUBJECT TO ALL RIGHTS-OF-WAY, EASEMENTS, RESTRICTIVE COVENANTS AND ORDINANCES.
  - UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE LOCATIONS ONLY.
  - THIS PROPERTY IS LOCATED IN A FLOOD HAZARD AREA (100 YR FLOOD).
  - A PORTION OF THIS PROPERTY IS LOCATED IN THE FLOODWAY.
  - ALL OF PHASE I IS LOCATED IN THE FLOODWAY.
  - THE PROJECT IS LOCATED IN THE WS-IV NSW
  - WILSON COUNTY IS IN PROCESS OF DEEDING OWNERSHIP TO CITY OF WILSON. RECOMBINATION/REZONING TO FOLLOW.

**CONSTRUCTION NOTES:**

SIDEWALKS TO BE A MINIMUM OF 4" THICK 3000 PSI CONCRETE.

ASPHALT PAVING TO BE A MINIMUM 5" CABC & 3" SF9.5B (TWO LIFTS).

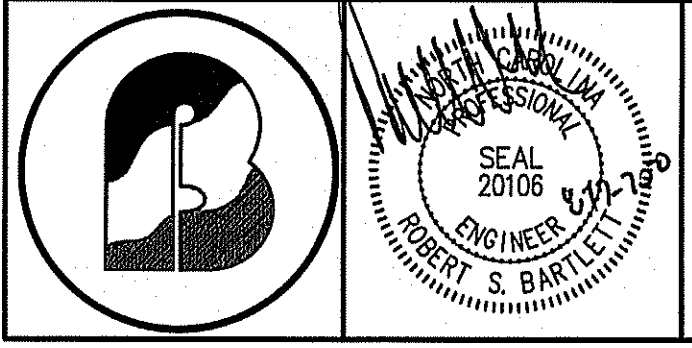
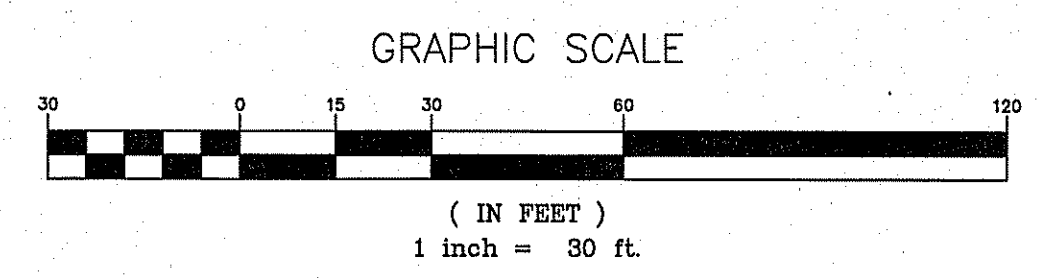
PERMEABLE PAVING TO BE GRASSPAVEZ BY INVISIBLE STRUCTURES, OR EQUAL, WITH 8" BASE. SYSTEM TO BE INSTALLED PER MANUFACTURERS PUBLISHED RECOMMENDATIONS.

IF ELECTRICAL IS CONVERTED TO UNDERGROUND, TRANSFORMER SHALL BE POLE MOUNTED ABOVE FLOOD ELEVATION.

FLOATING DOCKS AND ALUMINUM GANGWAYS ARE NOT INCLUDED IN CONTRACT. WORK TO BE COMPLETED BY OTHERS.

TRASH CONTAINERS AND/OR PARK BENCHES TO BE PROVIDED AND INSTALLED BY OWNER. NUMBER AND LOCATION TO BE DETERMINED.

	PROPOSED ASPHALT
	PERMEABLE PAVING
	PROPOSED CONCRETE SIDEWALK/BOAT RAMP
	PROPOSED WOOD DOCK



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**SITE PLAN**

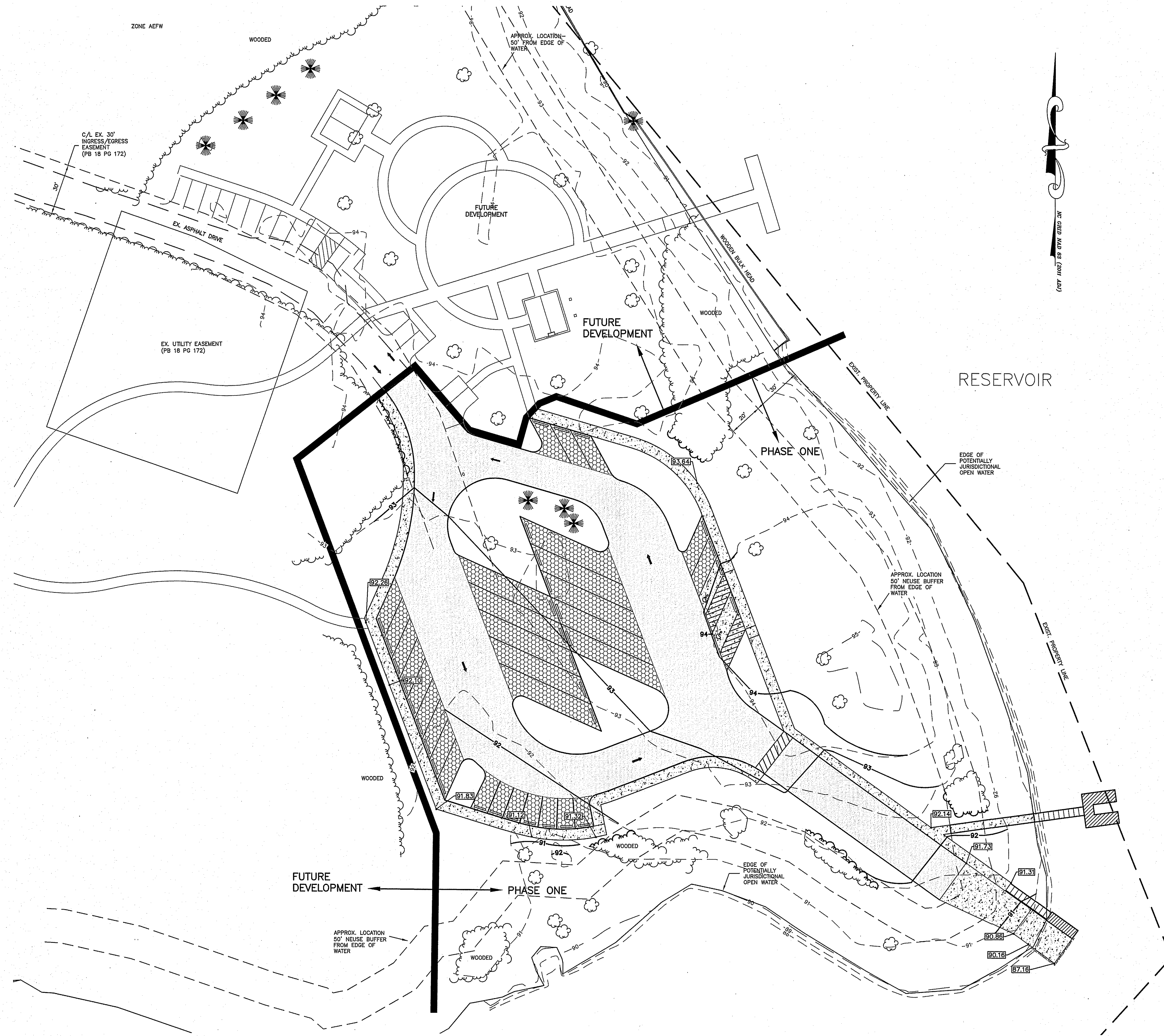
**WIGGINS MILL PARK**  
PHASE I - BOAT RAMP

DATE: JULY 2020	PROJECT: 19-302
SCALE(HORZ): 1" = 30'	CLIENT CODE: WC
SCALE(VERT): N/A	CADFILE: 19302B02
REVISIONS: TRC COMMENTS 8/11/2020	FIELD BOOK:
	DRAWN BY: LR
	SURVEY BY:

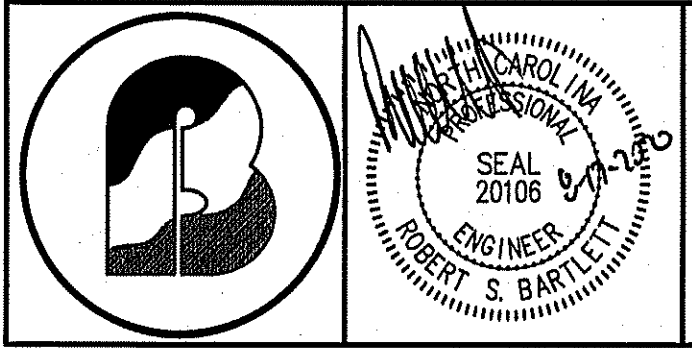
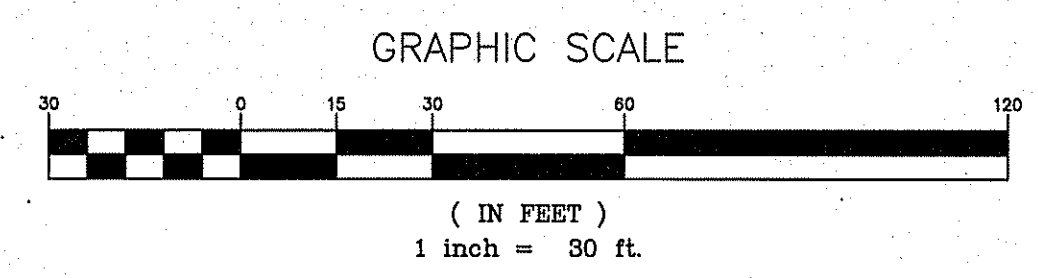
CITY OF WILSON	WILSON COUNTY
NORTH CAROLINA	ZONE: RA & OS
PIN #	SHEET CP3

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



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**GRADING PLAN**

**WIGGINS MILL PARK**  
 PHASE I - BOAT RAMP

DATE: AUG. 2020  
 SCALE(HORZ): 1" = 30'  
 SCALE(VERT): N/A  
 REVISIONS: TRC COMMENTS 8/11/2020

PROJECT: 19-302	CITY OF WILSON	WILSON COUNTY
CLIENT CODE: WC	NORTH CAROLINA	ZONE: RA & OS
CADFILE: 19302BD2	PIN #	SHEET CP4
FIELD BOOK:		
DRAWN BY: LR		
SURVEY BY:		

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LOCATION	DRAINAGE AREA (ACRES)	SILT FENCE (LINEAR FT)	SLOPE (s)	MAX. AREA (ACRES)	SILT FENCE OUTLET
SF1 (near entrance)	0.830	210	0.133%	0.482	YES SFO "A"
SF2 (south of SF1)	0.619	250	0.016%	0.574	YES SFO "B"
SF3 (south of SF2)	0.175	183	1.630%	0.374	NO

Note: Sil fence outlets, if required, to be installed at the lowest point along the silt fence.  
Maximum allowable drainage area for silt fence outlet < 1.0 acre.

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 BY NCDOT AND/OR WITH MUNICIPALITY.

- EROSION CONTROL NOTES**
- SEEDING AND MULCHING TO BE APPLIED WITHIN 15 WORKING DAYS OF ALL LAND DISTURBING ACTIVITIES NOT PREVIOUSLY STABILIZED.
  - SILT FENCE TO BE INSTALLED AS SHOWN ON PLANS OR AS DEEMED NECESSARY BY VISUAL OBSERVATION.

LOCATION	DRAINAGE AREA (ACRES)	SILT FENCE (LINEAR FT)	SLOPE (s)	MAX. AREA (ACRES)	SILT FENCE OUTLET
SF1 (near entrance)	0.631	210	0.751%	0.482	YES SFO "A"
SF2 (south of SF1)	0.599	295	1.902%	0.877	NO SFO "B"
SF3 (south of SF2)	0.030	119	1.146%	0.273	NO

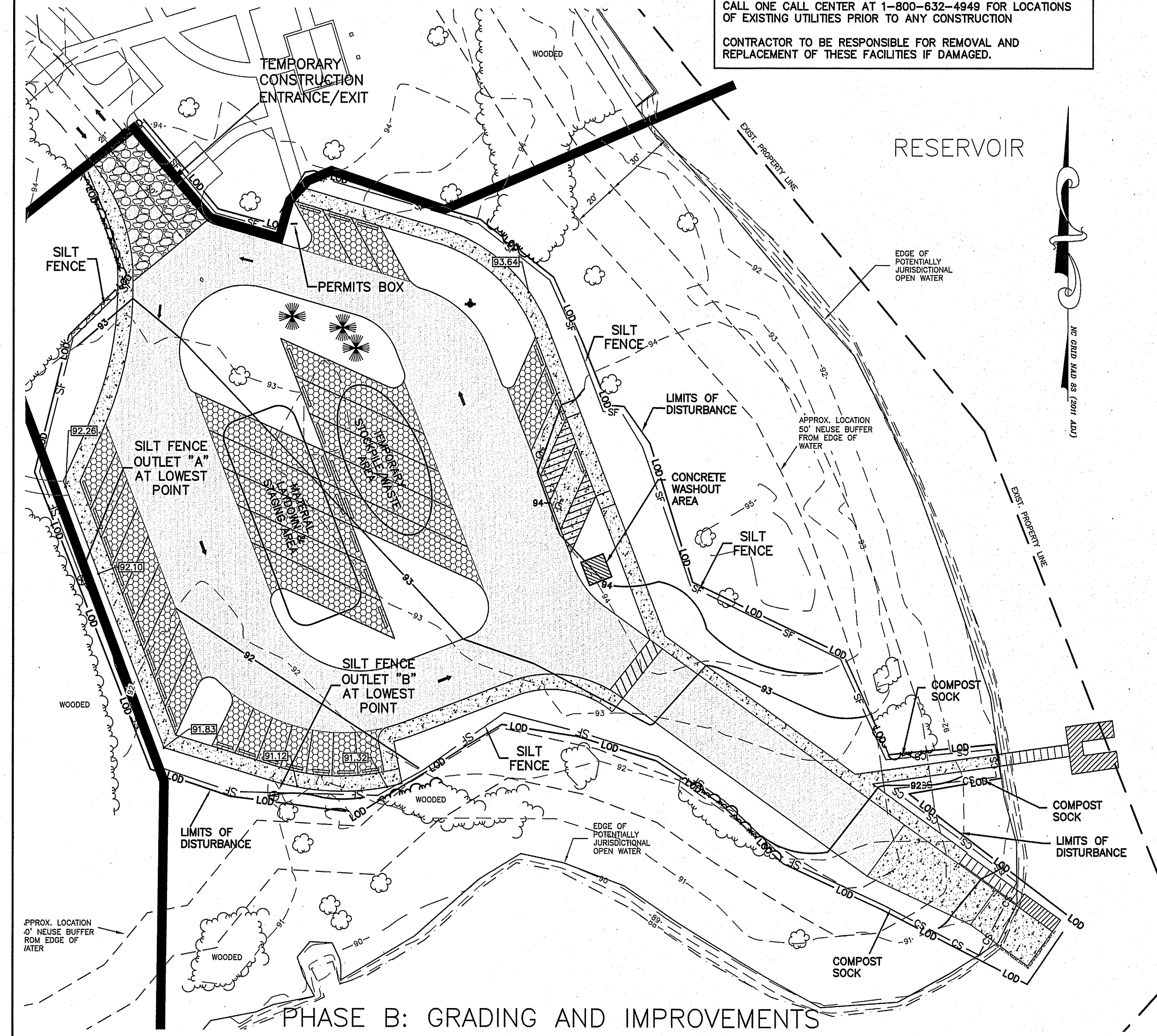
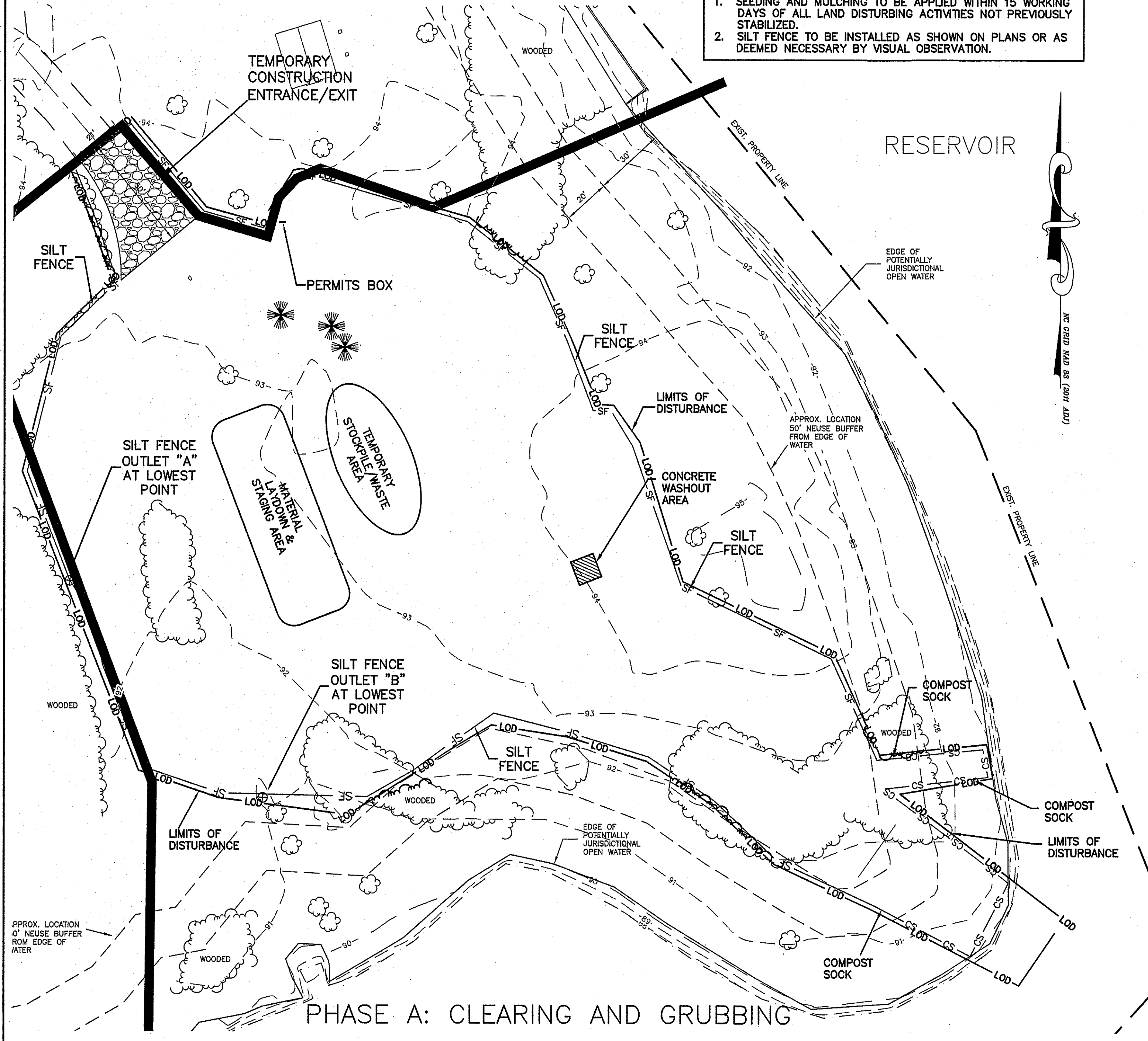
Note: Sil fence outlets, if required, to be installed at the lowest point along the silt fence.  
Maximum allowable drainage area for silt fence outlet < 1.0 acre.

LOCATION, QUANTITY AND PLACEMENT OF DRAINAGE PIPES AND EROSION CONTROL DEVICES MAY VARY TO BETTER CONFORM TO FIELD CONDITIONS.

UTILITIES SHOWN ON PLANS ARE LOCATED APPROXIMATELY. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING UTILITIES AND SERVICES WHETHER SHOWN ON PLANS OR NOT.

CALL ONE CALL CENTER AT 1-800-632-4949 FOR LOCATIONS OF EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION

CONTRACTOR TO BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF THESE FACILITIES IF DAMAGED.



**EROSION CONTROL LEGEND**

- ELEV - - - - - EXISTING CONTOUR
- ELEV - - - - - PROPOSED CONTOUR
- LOD - - - - - LIMITS OF DISTURBANCE
- SF - SF - SILT FENCE
- CS - CS - COMPOST SOCK
- [Hatched Box] CONSTRUCTION ENTRANCE/EXIT
- [Circle with X] SILT FENCE OUTLET
- [Square with X] CONCRETE WASHOUT

**CONSTRUCTION SEQUENCE:**

- EROSION AND SEDIMENT CONTROL (EASC) PERMIT AND CERTIFICATE OF COVERAGE (COC) MUST BE OBTAINED BEFORE ANY LAND DISTURBING ACTIVITIES OCCUR. NO WORK TO BE DONE ON SITE UNTIL THE SEDIMENTATION AND EROSION CONTROL PLAN HAS BEEN APPROVED AND PERMIT ACQUIRED. NOTIFY THE DEMUR RALEIGH REGIONAL OFFICE AT LEAST 48 HOURS PRIOR TO COMMENCING THE LAND DISTURBING ACTIVITY AT PHONE NUMBER (919)791-4200. MAINTAIN ON SITE A RAIN GAUGE, RECORDS, COPY OF THE PERMIT AND SEDIMENT & EROSION CONTROL PLANS.
- PHASE CONSTRUCTION TO LIMIT TIME OF EXPOSURE AND PROVIDE GROUND COVER UNDER GUIDELINES OF THE NPDES PERMIT.

**PHASE A: CLEARING & GRUBBING**

- INSTALL TEMPORARY CONSTRUCTION ENTRANCE/EXIT AND SITE PERIMETER MEASURES (I.E. COMPOST SOCKS AND SILT FENCE WITH OUTLETS) AS SHOWN ON PLANS.
- BEGIN CLEARING & GRUBBING SITE.
- FABRICATION AND/OR CONSTRUCTION PREPARATION FOR BOAT RAMP CAN BEGIN DURING THIS PHASE.

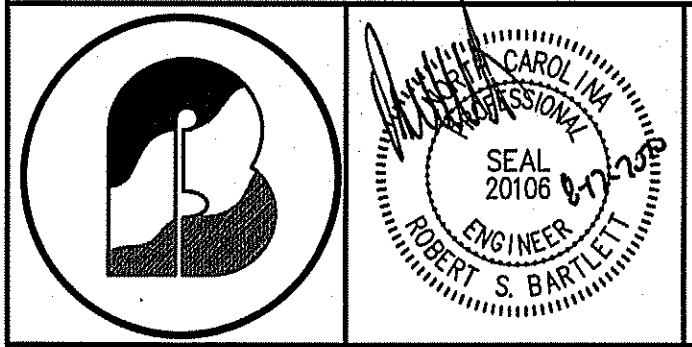
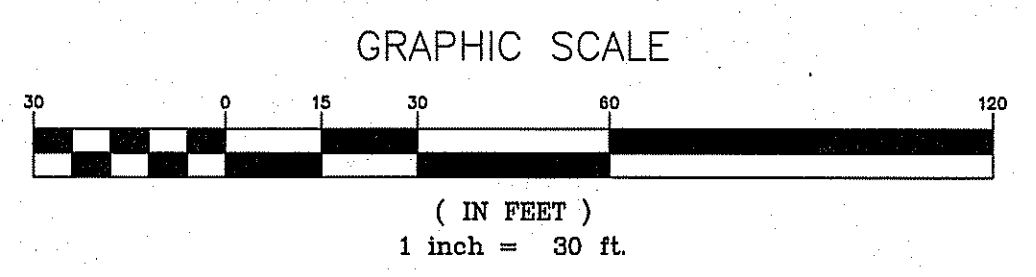
**PHASE B: GRADING/SITE CONSTRUCTION**

- CONTINUE WITH THE CONSTRUCTION OF BOAT RAMP AND FLOATING DOCK.
- BEGIN GRADING AND BASE PREPARATION FOR SITE PAVING. AREAS NOT TO BE PAVED MUST BE STABILIZED WITHIN THE NCDOT GROUND STABILIZATION TIMEFRAME SHOWN ON SHEET DTS.
- THE CONTRACTOR SHALL CONDUCT SELF-INSPECTIONS OF THE EROSION AND SEDIMENTATION CONTROL MEASURES AND COMPLETE THE FOLLOWING COMBINED SELF-INSPECTION FORM FOUND ON THE DEMUR WEBSITE: <https://files.nc.gov/files/ncgov/2020/09/20200920ncdot0920200920resources/20formater/INSPECTIONFORM.pdf> AND COMPLETE THE FOLLOWING FORM: <https://files.nc.gov/files/ncgov/2020/09/20200920ncdot0920200920resources/20formater/INSPECTIONFORM.pdf>. TWELVE MONTHS OF COMPLETE INSPECTION FORMS SHALL BE KEPT ON-SITE AND AVAILABLE FOR INSPECTION AT ALL TIMES. IT IS RECOMMENDED A COPY BE KEPT IN A PERMITS BOX.
- SELF-INSPECTIONS FOR EROSION AND SEDIMENTATION CONTROL MEASURES ARE TO BE PERFORMED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF EVERY RAIN EVENT OF GREATER THAN 1 INCH. ANY NEEDED REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN MEASURES AS DESIGNED.
- ALL EASC MEASURES SHALL BE MAINTAINED AS SPECIFIED IN THE CONSTRUCTION DETAILS ON THIS PLAN. A RAIN GAUGE SHALL BE INSTALLED AT THE PROJECT SITE FOR MONITORING.

**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.
- ANY EXISTING TREES LOCATED WITHIN 10 FEET OF THE PROPOSED SILT FENCE WILL NEED EVALUATION AT THE END OF CONSTRUCTION.

DISTURBED AREA = 1.6 AC ±



**BARTLETT**  
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FAX: (252) 399-0804  
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**SEDIMENTATION & EROSION CONTROL PLAN**

**WIGGINS MILL PARK**  
PHASE I - BOAT RAMP

DATE: AUG 2020

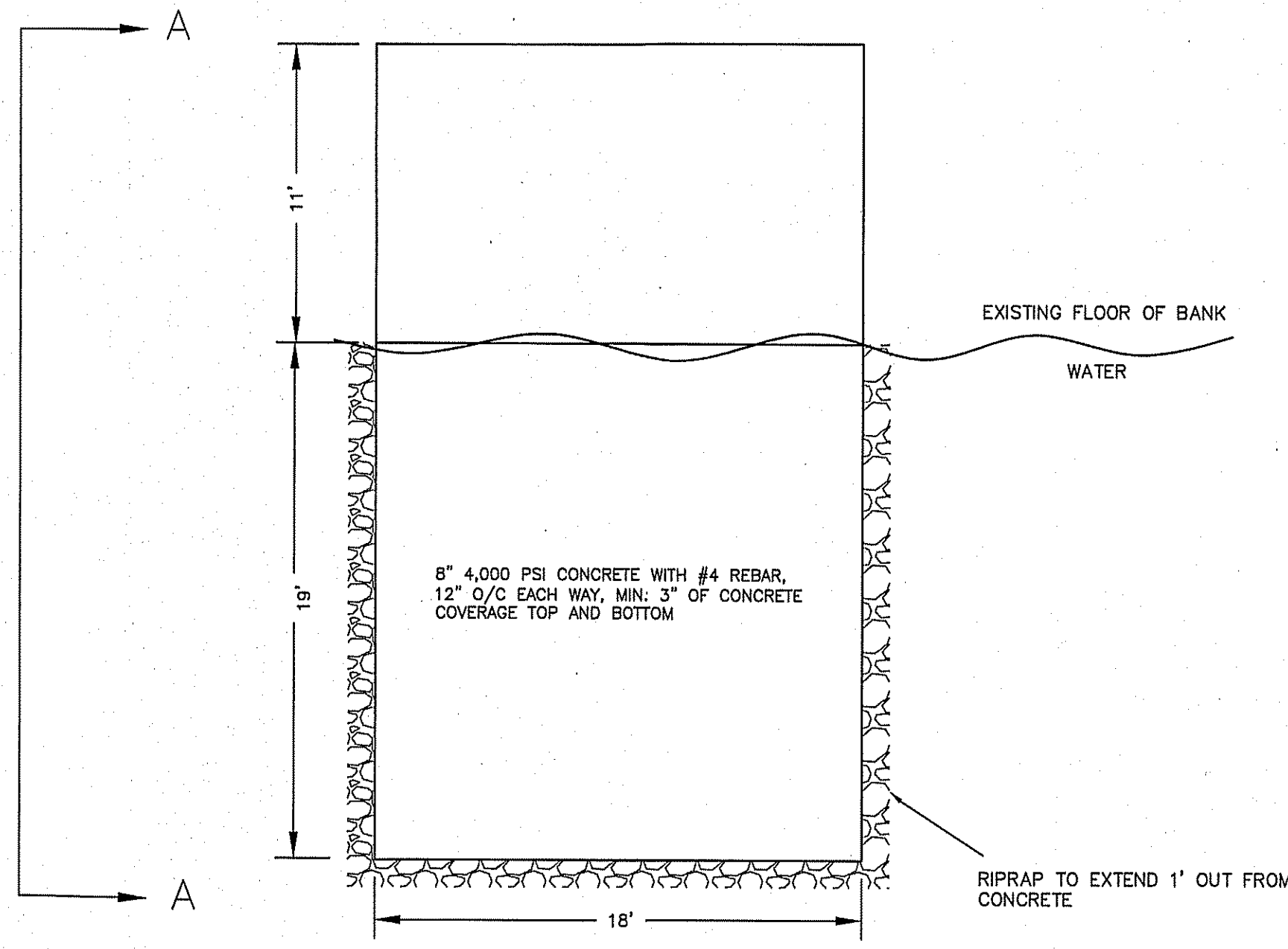
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SCALE(VERT): N/A

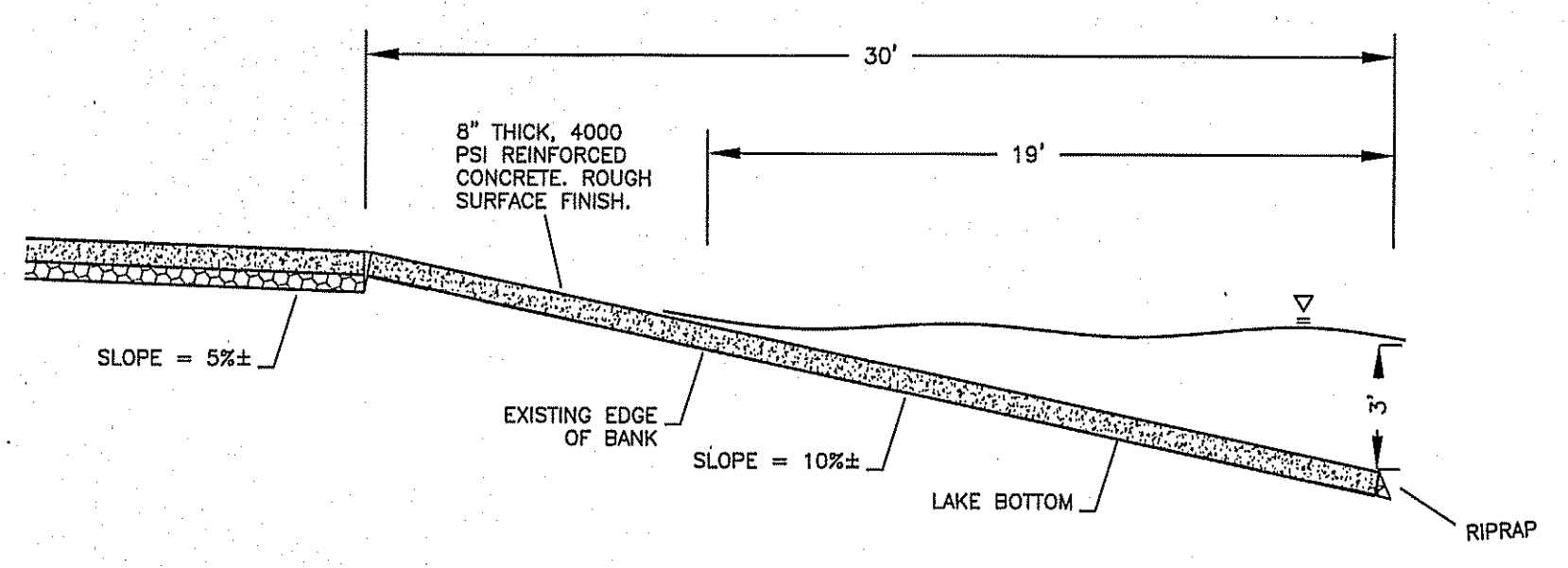
REVISIONS: TRC COMMENTS 8/11/2020

CITY OF WILSON	WILSON COUNTY
NORTH CAROLINA	ZONE: RA & OS
PIN #	SHEET CP5





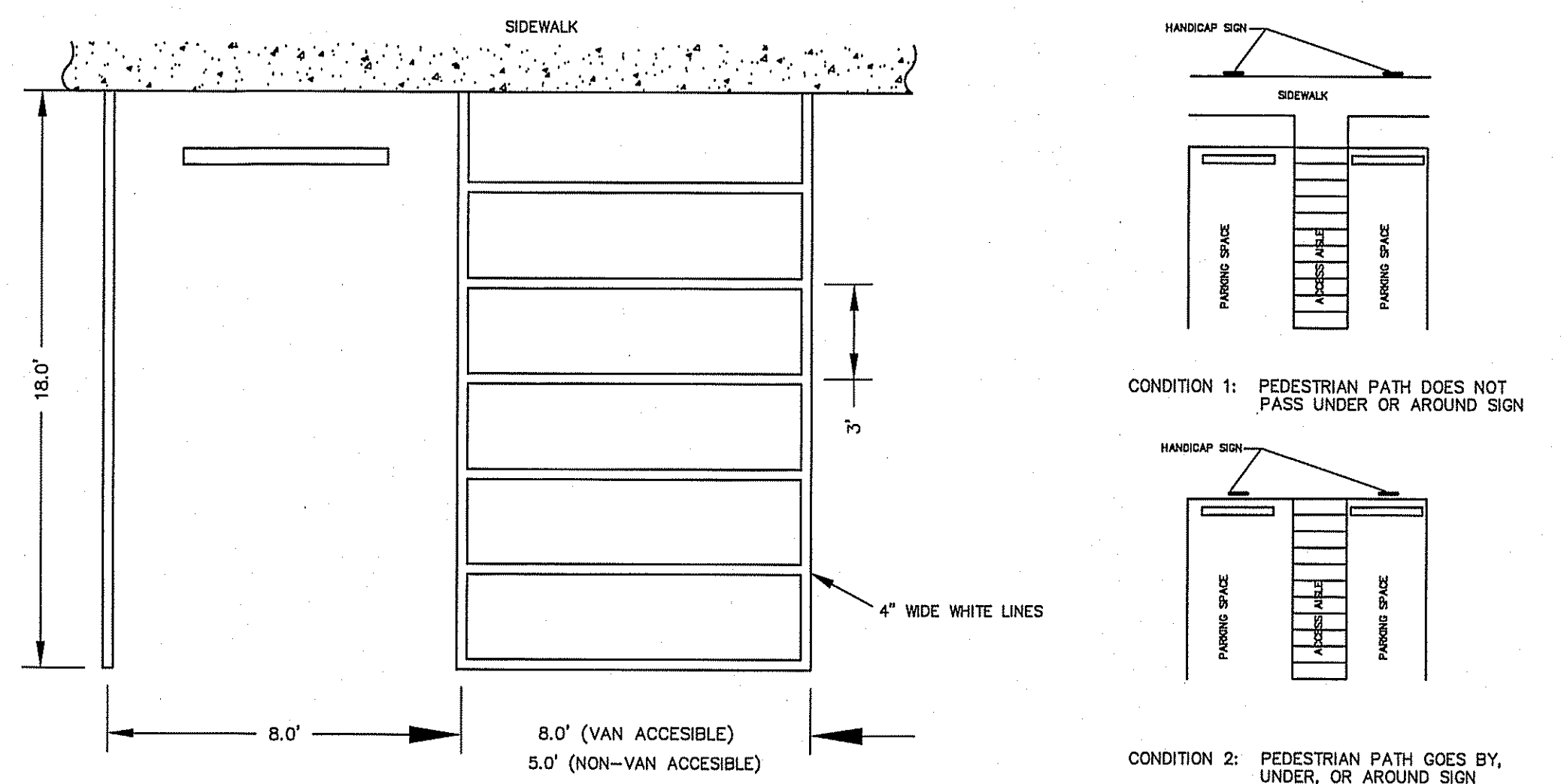
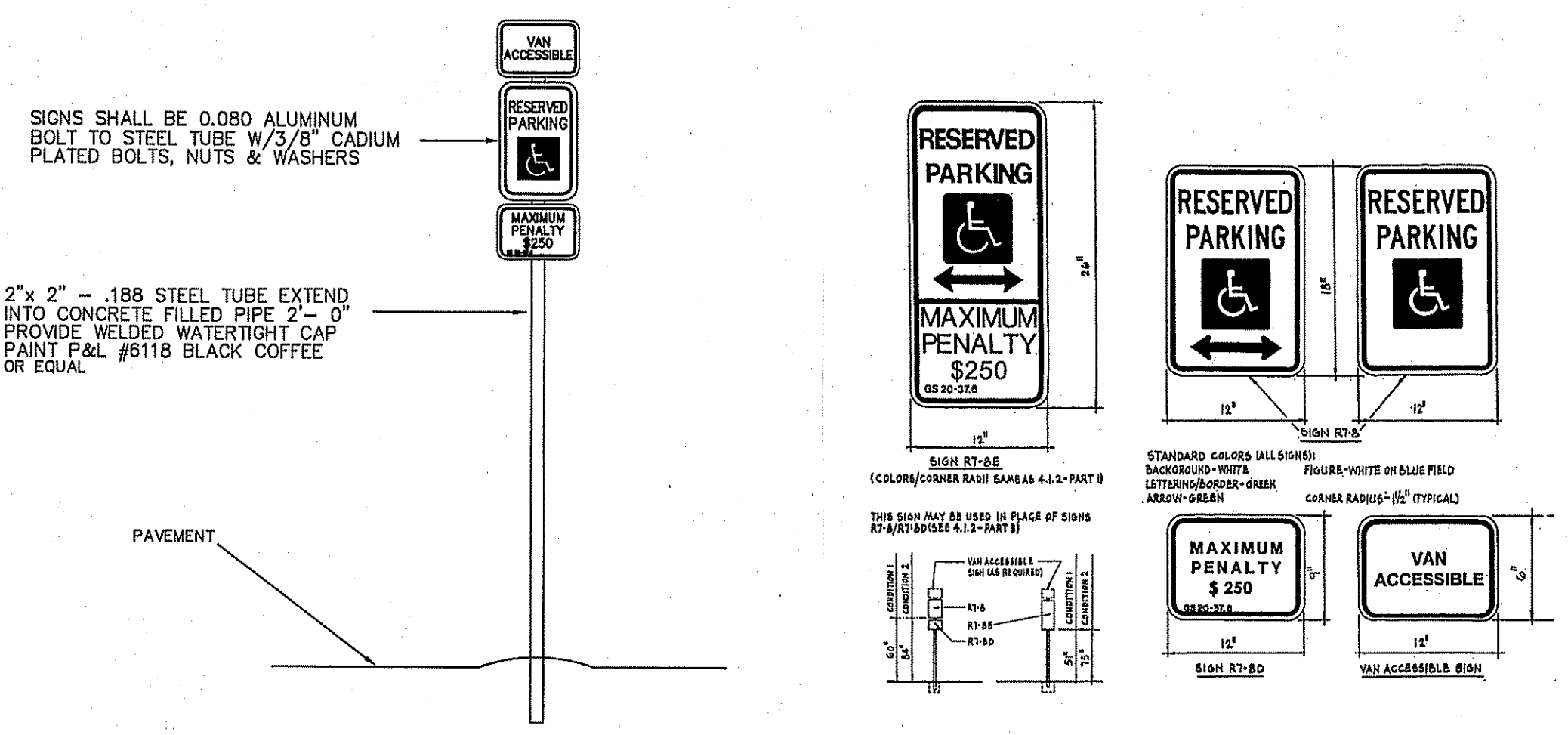
PLAN VIEW



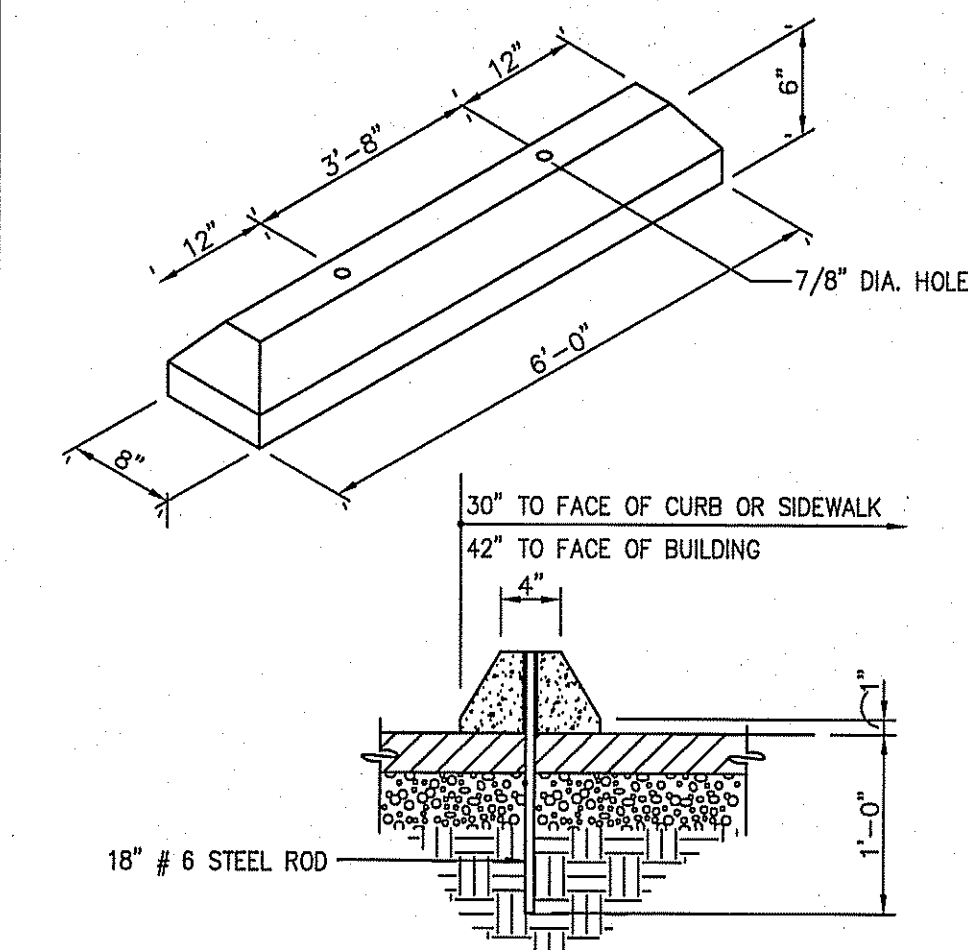
SECTION A-A

NOTE: CONCRETE RAMP SHALL BE CONSTRUCTED ABOVE THE WATER AND PUSHED INTO POSITION BY CONTRACTOR. WET CONCRETE SHALL NOT BE POURED DIRECTLY INTO THE WATER.

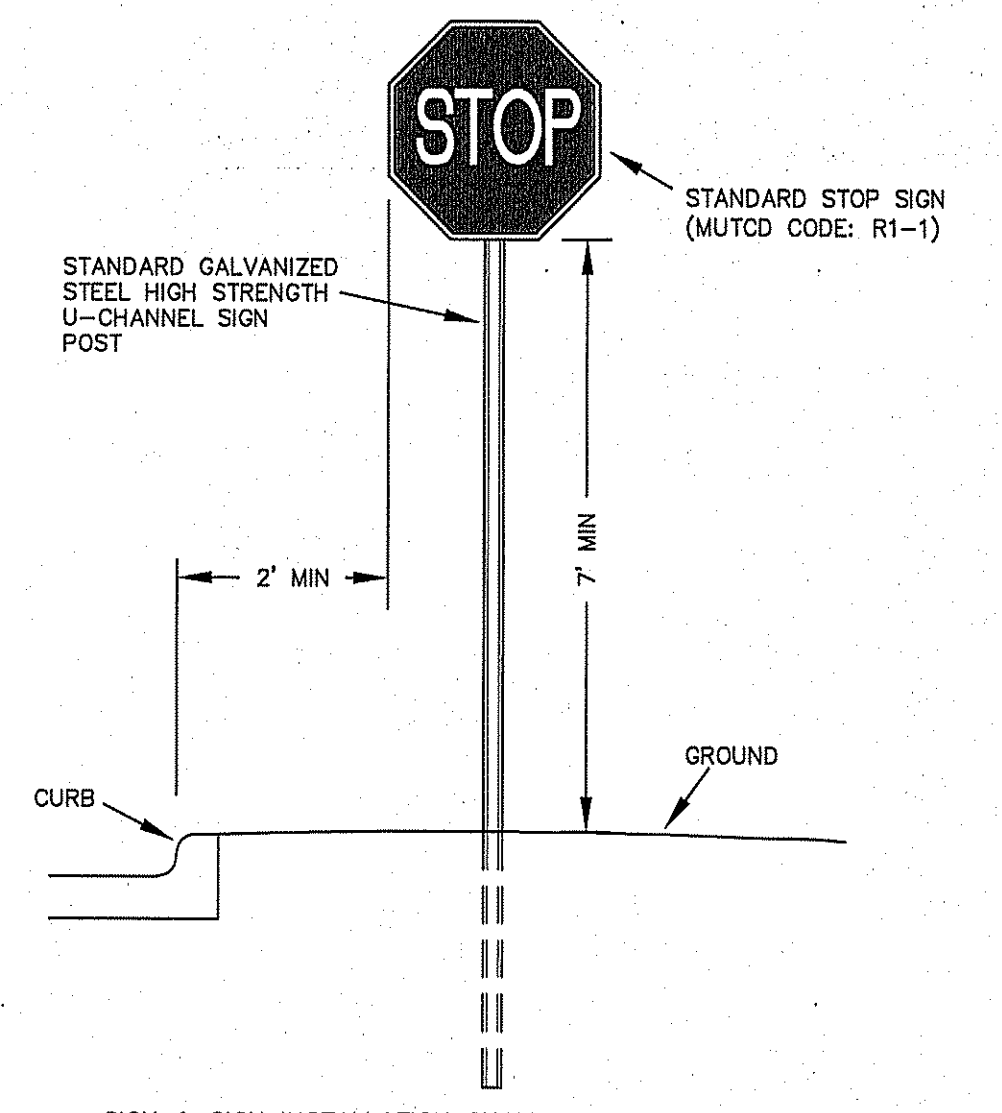
BOAT RAMP DETAIL  
NO SCALE



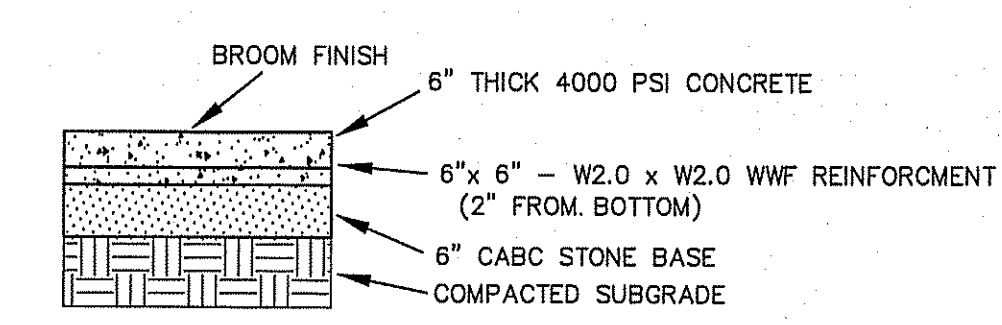
HANDICAP SPACE DETAIL  
NO SCALE



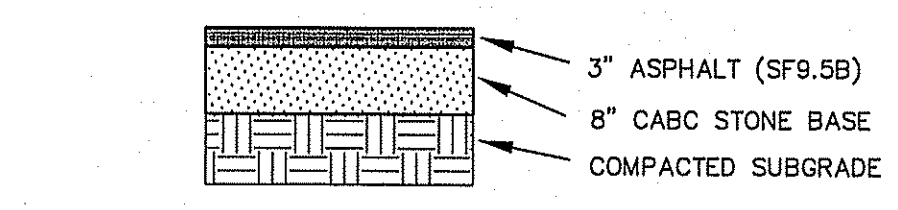
WHEEL STOPS  
NO SCALE



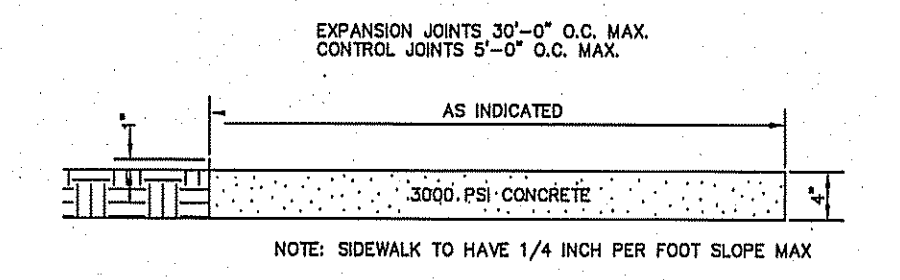
STANDARD 'STOP' SIGN DETAIL  
NO SCALE



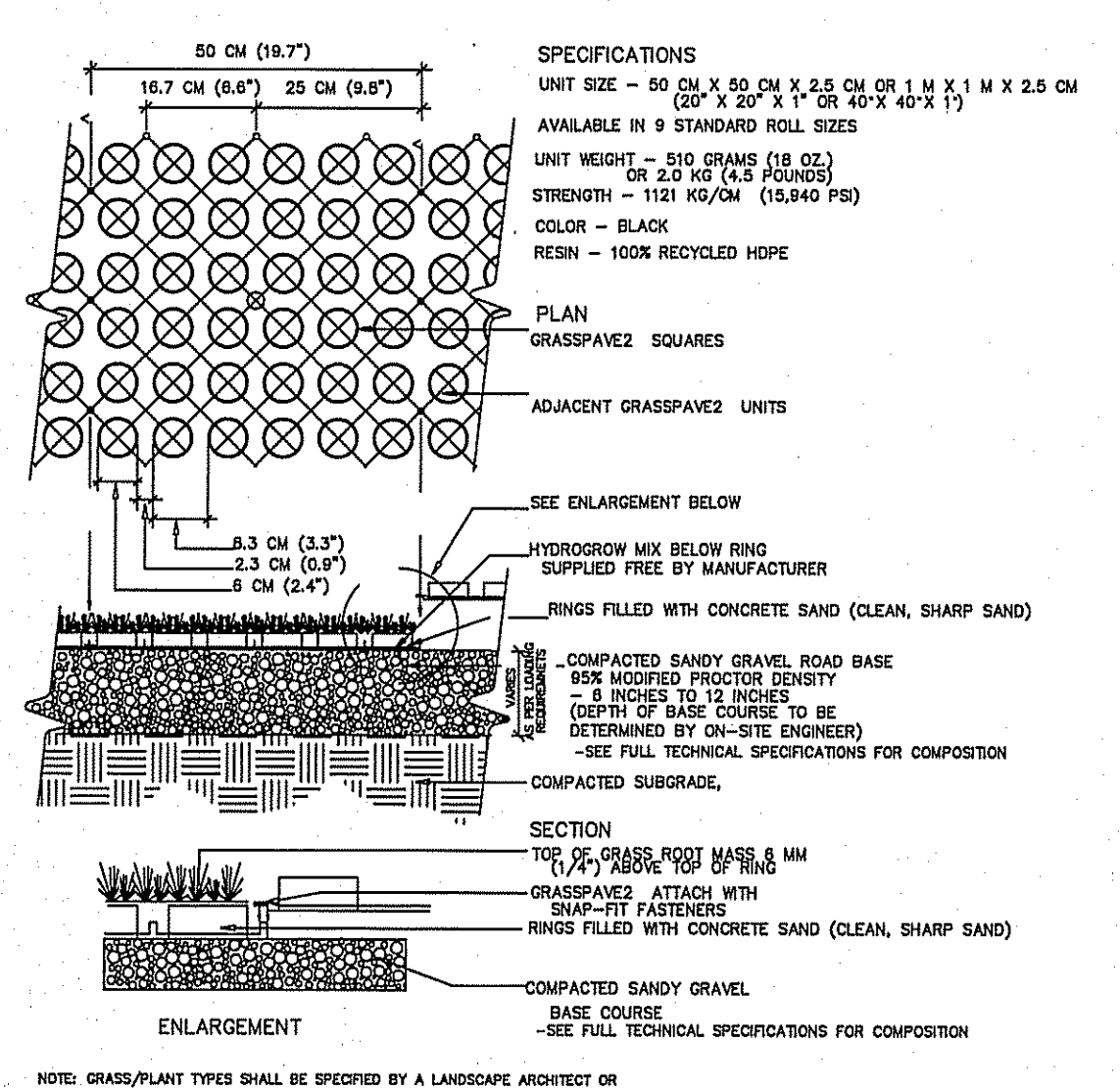
CONCRETE PAVING DETAIL  
NO SCALE



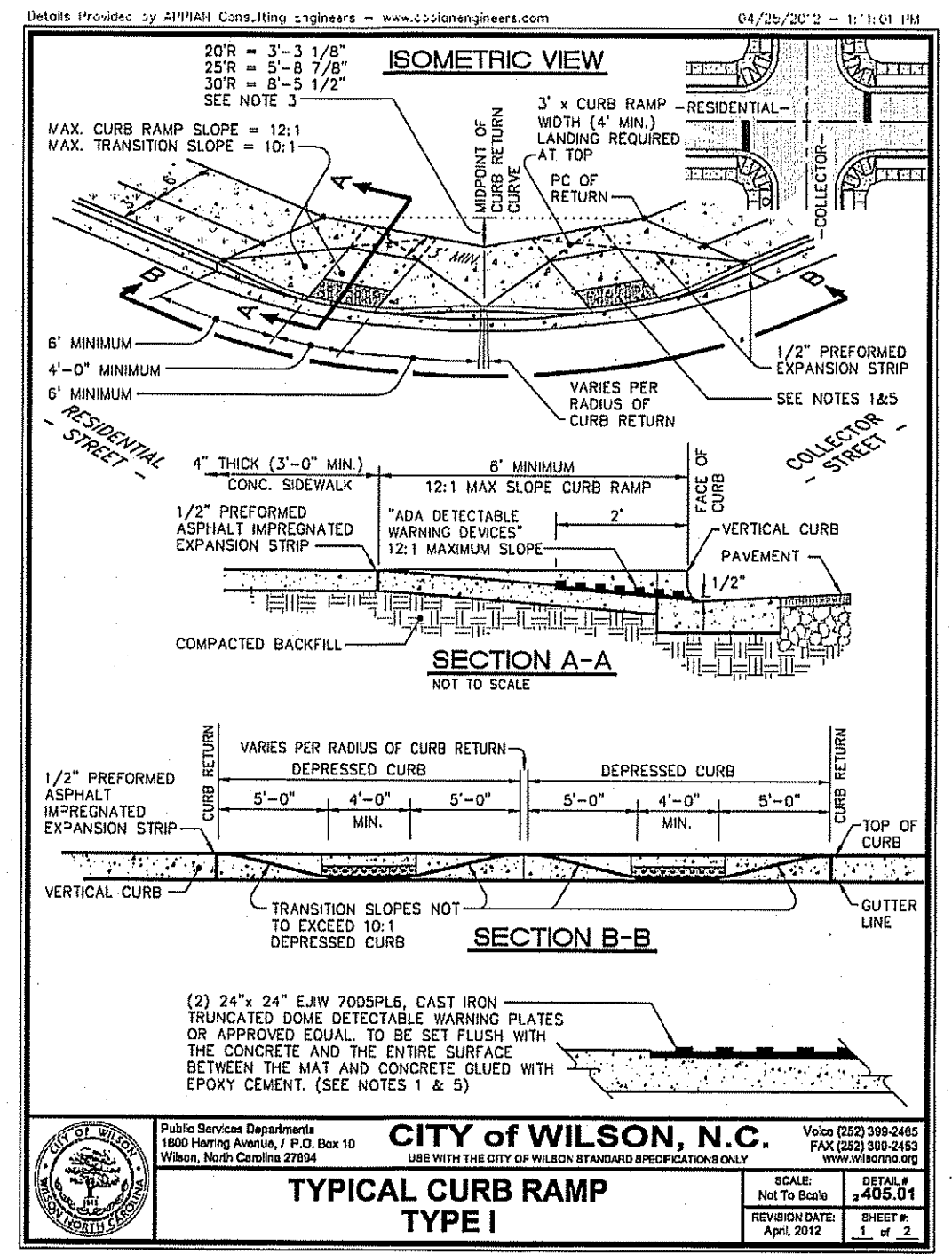
STANDARD ASPHALT PAVING DETAIL  
NO SCALE



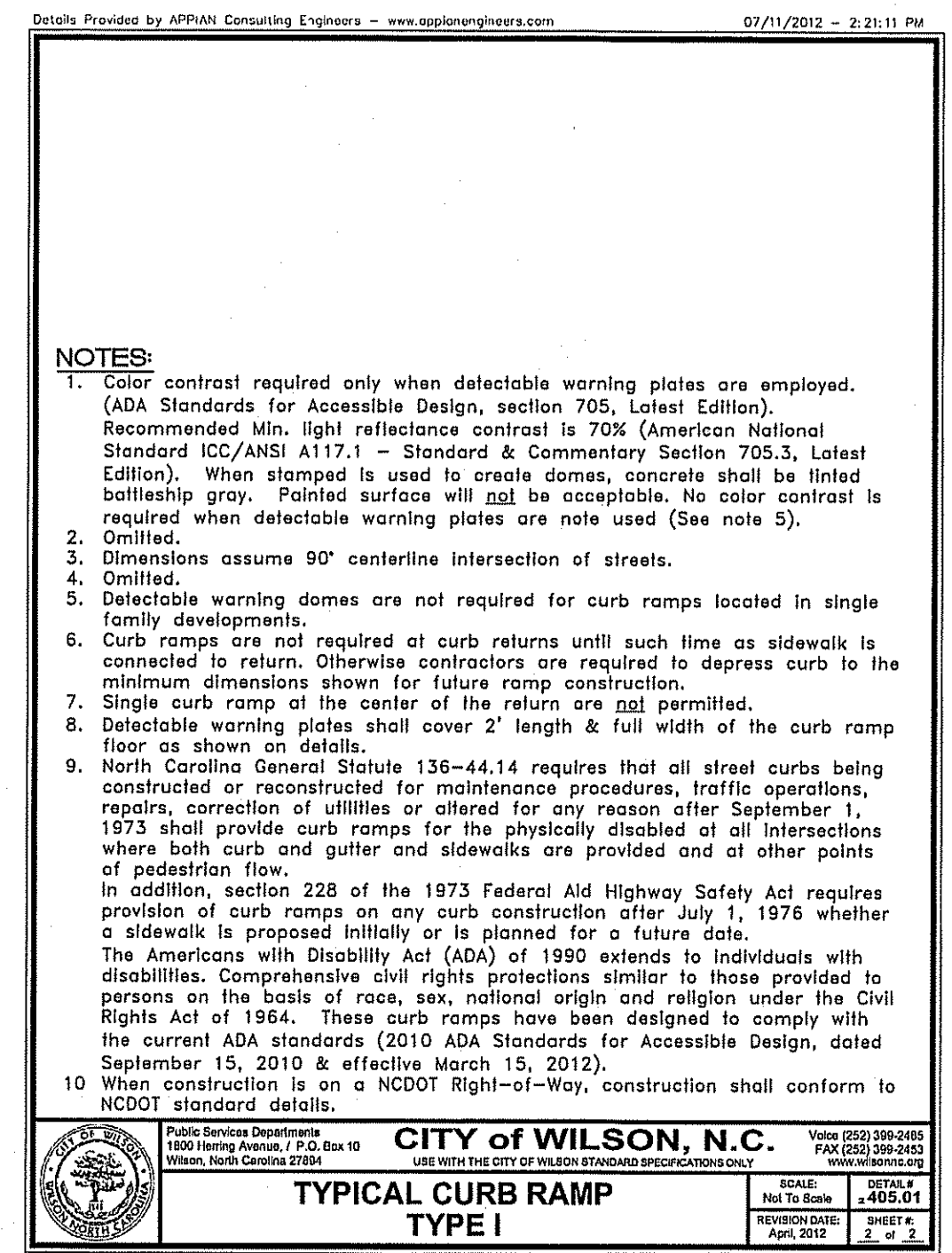
SIDEWALK DETAIL  
NO SCALE



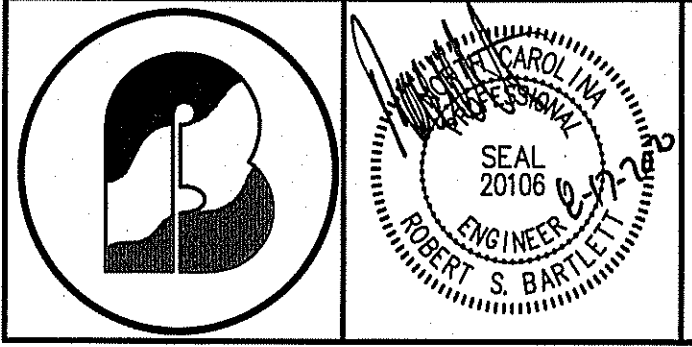
TYPICAL GRASSPAVE DETAIL  
FOR PERMEABLE PAVING



CITY OF WILSON, N.C.  
TYPICAL CURB RAMP  
TYPE I



CITY OF WILSON, N.C.  
TYPICAL CURB RAMP  
TYPE I



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DETAILS

**WIGGINS MILL PARK**  
PHASE I - BOAT RAMP

DATE: AUG 2020	PROJECT: 19-302
SCALE(HORZ): N/A	CLIENT CODE: WC
SCALE(VERT): N/A	CADFILE: 19302BD2
REVISIONS: TRC COMMENTS 8/11/2020	FIELD BOOK:
	DRAWN BY: LR
	SURVEY BY:

CITY OF WILSON	WILSON COUNTY
NORTH CAROLINA	ZONE: RA & OS
PIN #	SHEET DT1

P:\CONTRACTS\PROJECTS\19-302 Wiggins Mill Park\19302BD2.dwg, Aug 13, 2020 2:08PM EST



**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 8" 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 ONTO 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, 1/2 OF THE STRAW MULCH IS TO BE APPLIED AND THEN CRIMPED. AFTER THE CRIMPING OPERATION IS COMPLETE, THE OTHER HALF OF STRAW MULCH SHALL BE APPLIED AND IMMEDIATELY TACKED WITH A SUFFICIENT AMOUNT OF UNLIMBED 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 PROVIDING THAT MAXIMUM SPACING OF CRIMPING BLADES SHALL NOT EXCEED 6".

**SEEDING SCHEDULE:**

**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	20	60
PARTRIDGE PEA	120	40	120
SEEDING DATES	12/1-4/15	4/15-8/15	8/15-12/30
<b>SOIL AMENDMENTS</b>			
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**

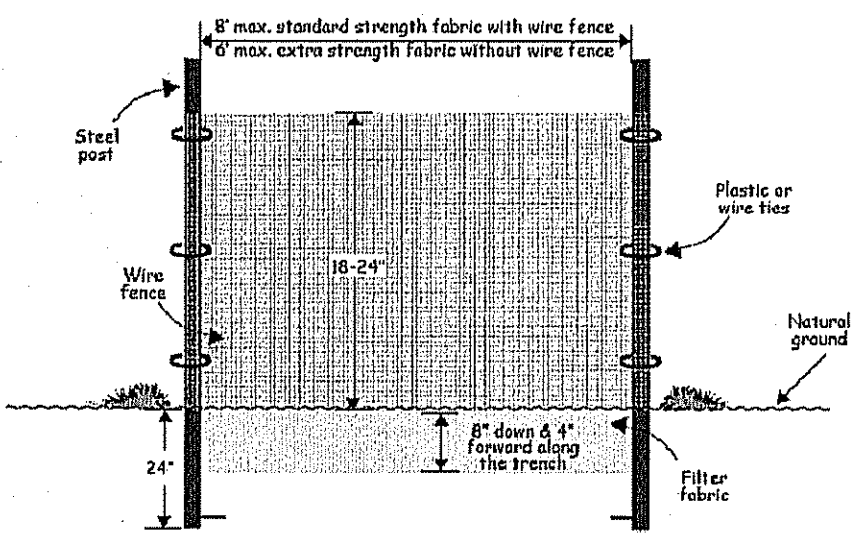
SEEDING MIXTURE SPECIES	WINTER/EARLY SPRING RATE(LB./ACRE)	SUMMER RATE(LB./ACRE)	FALL RATE(LB./ACRE)
PARTRIDGE PEA	200	10	200
INDIAN GRASS	10	15	10
GERMAN MILLET	10	15	10
SEEDING DATES	2/1-4/15	5/1-8/15	8/25-10/1
<b>SOIL AMENDMENTS</b>			
LIMESTONE	3000-5000 LBS./ACRE	3000-5000 LBS./ACRE	3000-5000 LBS./ACRE
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**

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.



**SILT FENCE DETAIL**  
NO SCALE

**INSTALLATION SPECIFICATIONS**

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 4 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 WATER 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 TIE DIAGONALLY AT 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 THE 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 BULLDOZ 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.

SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE PROMPTLY.

REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT.

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

**CONSTRUCTION SPECIFICATIONS**

1. USE A SYNTHETIC FILTER FABRIC OF AT LEAST 95% BY WEIGHT OF POLYOLEFINS OR POLYESTER, WHICH IS CERTIFIED BY THE MANUFACTURER OR SUPPLIER AS CONFORMING TO THE REQUIREMENTS IN ASTM D 6451, WHICH IS SHOWN IN PART IN TABLE 6.62b. SYNTHETIC FILTER FABRIC SHOULD CONTAIN ULTRAVIOLET RAY INHIBITORS AND STABILIZERS TO PROVIDE A MINIMUM OF 6 MONTHS OF EXPECTED USABLE CONSTRUCTION LIFE AT A TEMPERATURE RANGE OF 0 TO 120° F.
2. ENSURE THAT POSTS FOR SEDIMENT FENCES ARE 1.25 LB./LINEAR FT MINIMUM STEEL WITH A MINIMUM LENGTH OF 5 FEET. MAKE SURE THAT STEEL POSTS HAVE PROJECTIONS TO FACILITATE FASTENING THE FABRIC.

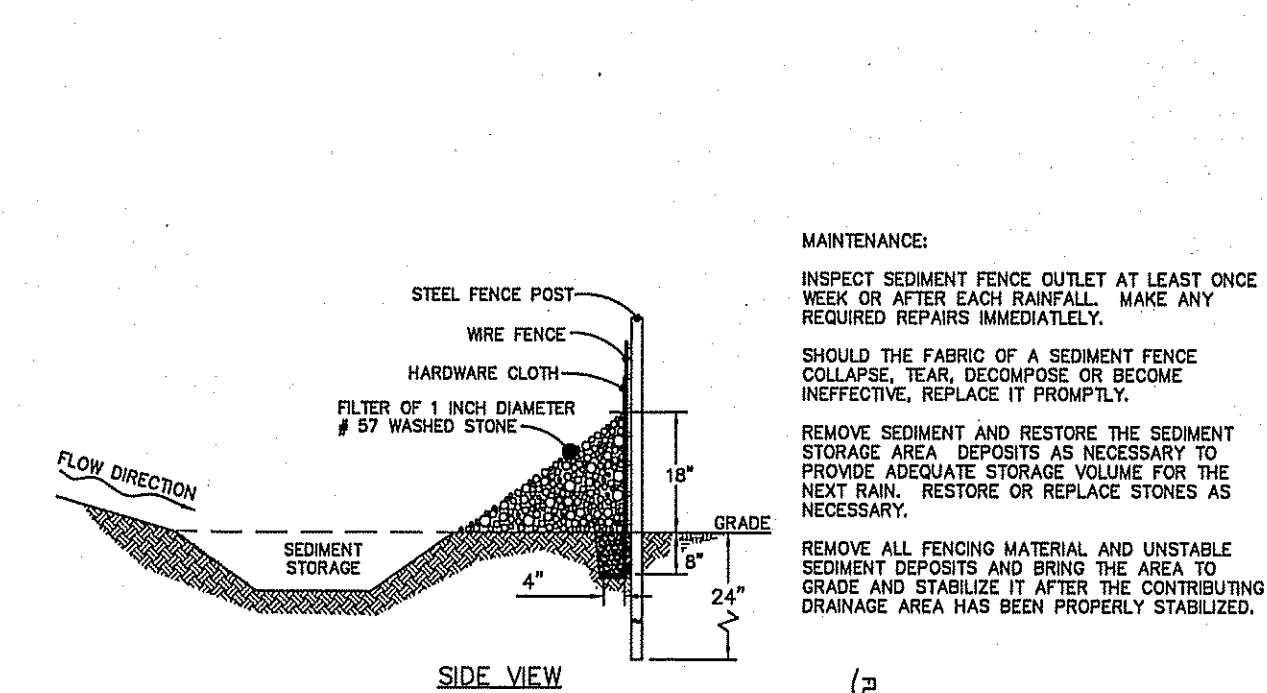
**Table 6.62b Specifications For Sediment Fence Fabric**

Test Material	Units	Temporary Silt Fence Material Property Requirements		Type of Value
		Supported <sup>1</sup> Silt Fence	Un-Supported <sup>1</sup> Silt Fence	
Grab Strength	ASTM D 4832 N (lbs)	400	600	MAFV
Machine Direction		(90)	(90)	
X-Machine Direction		400	450	MAFV
Permeability <sup>2</sup>	ASTM D 4911 sec-1	0.05	0.05	MAFV
Apparent Opening Size <sup>3</sup>	ASTM D 4751 mm	0.60	0.60	Max. ARV <sup>4</sup>
	(US Sieve #)	(20)	(20)	
Ultraviolet Stability	ASTM D 4355	% Retained Strength	70% after 500h of exposure	70% after 500h of exposure
			Typical	Typical

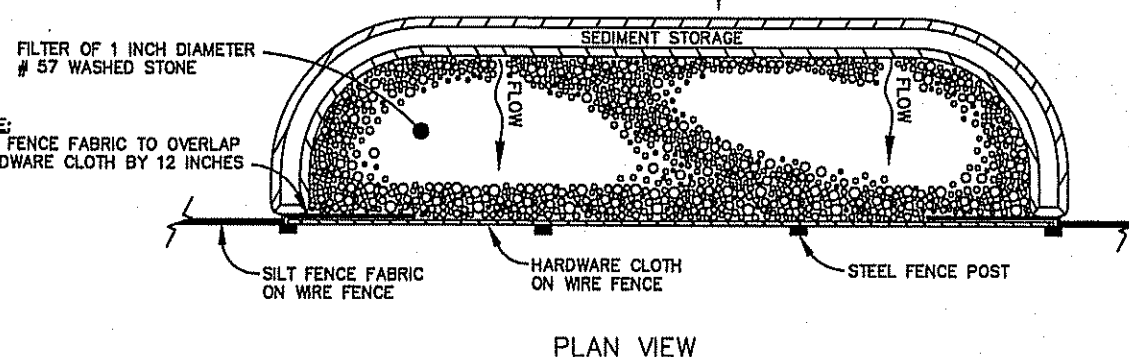
<sup>1</sup> Silt Fence support shall consist of 14 gage steel wire with a mesh spacing of 150 mm (6 inches), or prefabricated polymer mesh of equivalent strength.  
<sup>2</sup> These default values are based on empirical evidence with a variety of sediment. For environmentally sensitive areas, a review of previous experience and/or site or regionally specific geosilt tests in accordance with Test Method D 5141 should be performed by the agency to confirm suitability of these requirements.  
<sup>3</sup> As measured in accordance with Test Method D 4832.

**CONSTRUCTION**

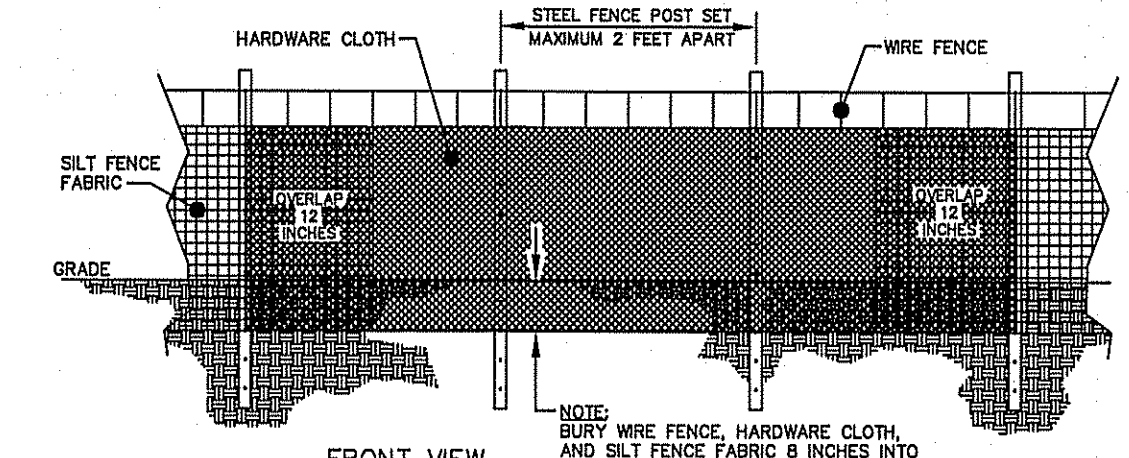
1. CONSTRUCT THE SEDIMENT BARRIER OF STANDARD STRENGTH OR EXTRA STRENGTH SYNTHETIC FILTER FABRIC.
2. ENSURE THAT THE HEIGHT OF THE SEDIMENT FENCE DOES NOT EXCEED 24 INCHES ABOVE THE GROUND SURFACE. (HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE.)
3. CONSTRUCT THE FILTER FABRIC FROM A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID JOINTS. WHEN JOINTS ARE NECESSARY, SECURELY FASTEN THE FILTER CLOTH ONLY AT A SUPPORT POST WITH 4 FEET MINIMUM OVERLAP TO THE NEXT POST. SUPPORT STANDARD LENGTH FILTER FABRIC BY WIRE MESH FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS. EXTEND THE WIRE MESH SUPPORT TO THE BOTTOM OF THE TRENCH. FASTEN THE WIRE REINFORCEMENT, THEN FABRIC ON THE UPSLOPE SIDE OF THE FENCE POST. WIRE OR PLASTIC ZIP TIES SHOULD HAVE MINIMUM 50 POUND TENSILE STRENGTH.
4. WHEN THE WIRE MESH SUPPORT FENCE IS USED, SPACE POST A MAXIMUM OF 8 FEET APART. SUPPORT POSTS SHOULD BE DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 24 INCHES.
5. EXTRA STRENGTH FILTER FABRIC WITH 6 FEET POST SPACING DOES NOT REQUIRE WIRE MESH SUPPORT FENCE. SECURELY FASTEN THE FILTER FABRIC DIRECTLY TO POSTS. WIRE OR PLASTIC ZIP TIES SHOULD HAVE A MINIMUM 50 POUND TENSILE STRENGTH.
6. EXCAVATE A TRENCH APPROXIMATELY 4 INCHES WIDE AND 8 INCHES DEEP ALONG THE PROPOSED LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
7. PLACE 12 INCHES OF THE FABRIC ALONG THE BOTTOM AND SIDE OF THE TRENCH. BACKFILL THE TRENCH WITH SOIL PLACED OVER THE FILTER FABRIC AND COMPACT. THOROUGH COMPACTION OF THE BACKFILL IS CRITICAL TO SILT FENCE PERFORMANCE.
8. DO NOT ATTACH FILTER FABRIC TO EXISTING TREES.



**STANDARD SILT FENCE OUTLET**  
NO SCALE

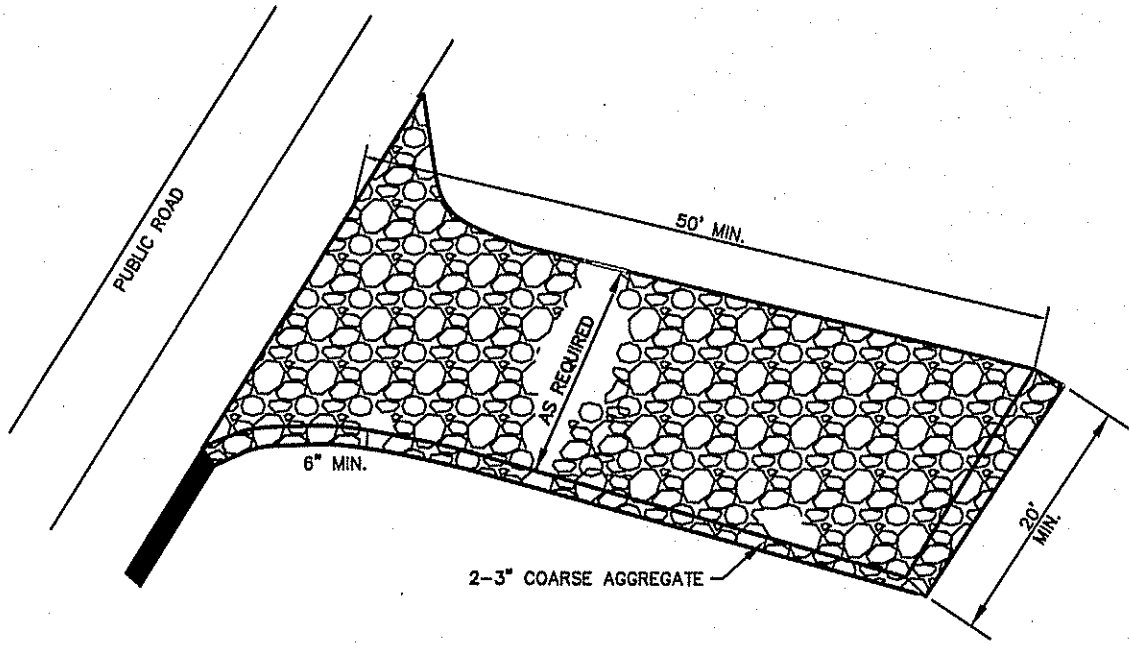


**PLAN VIEW**



**FRONT VIEW**

**STANDARD SILT FENCE OUTLET**  
NO SCALE



**CONSTRUCTION SPECIFICATION:**

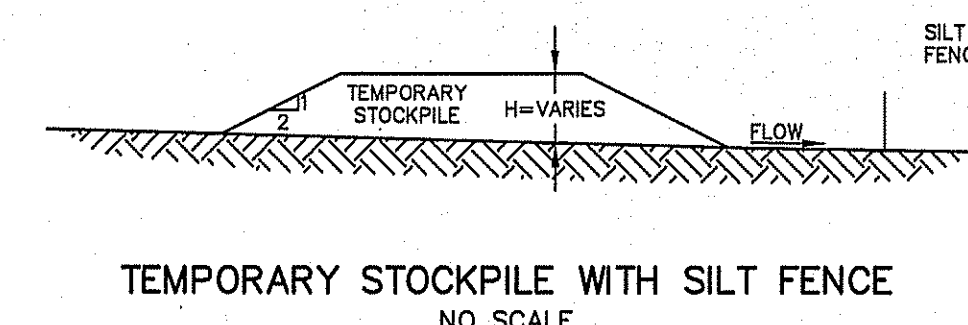
1. CLEAR THE ENTRANCE AND EXIT AREA OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL AND PROPERLY GRADE IT.
2. PLACE THE GRAVEL TO THE SPECIFIC GRADE AND DIMENSIONS SHOWN ON THE PLANS, AND SMOOTH IT.
3. PROVIDE DRAINAGE TO CARRY WATER TO A SEDIMENT TRAP OR OTHER SUITABLE OUTLET.
4. USE GEOTEXTILE FABRICS BECAUSE THEY IMPROVE STABILITY OF THE FOUNDATION IN LOCATIONS SUBJECT TO SEEPAGE OR HIGH WATER TABLE.

**MAINTENANCE:**

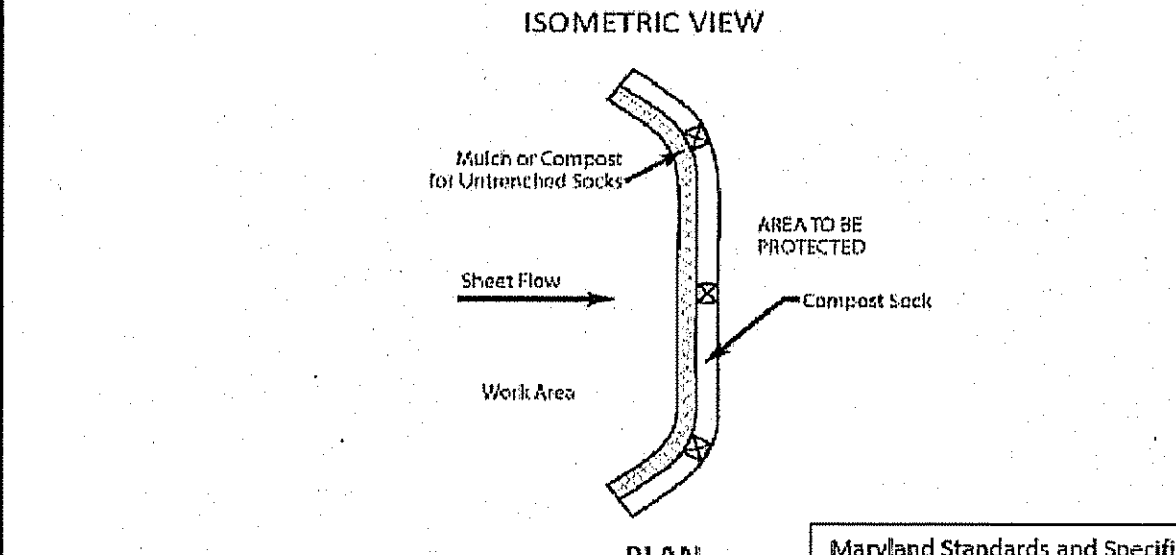
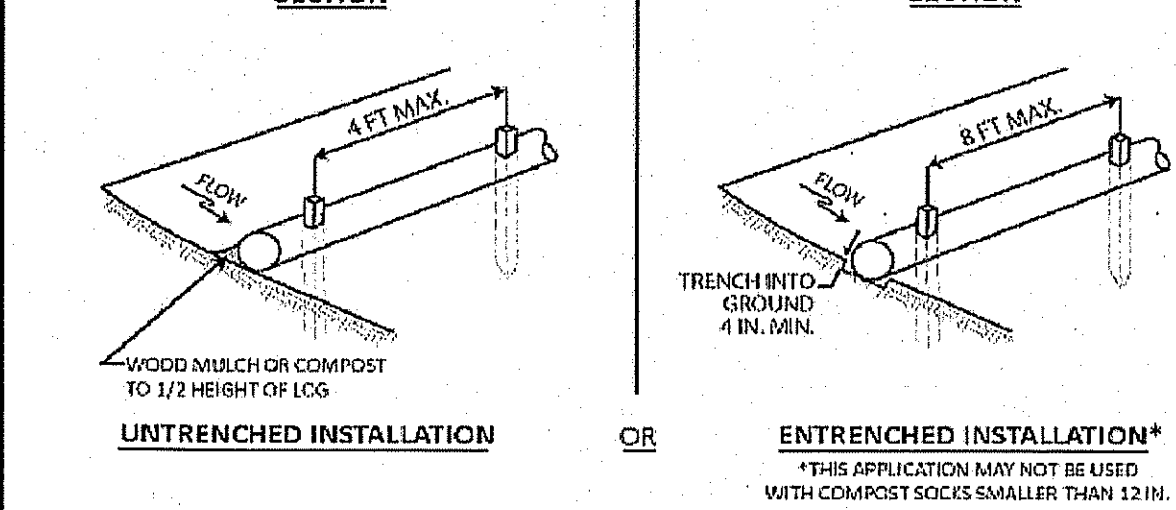
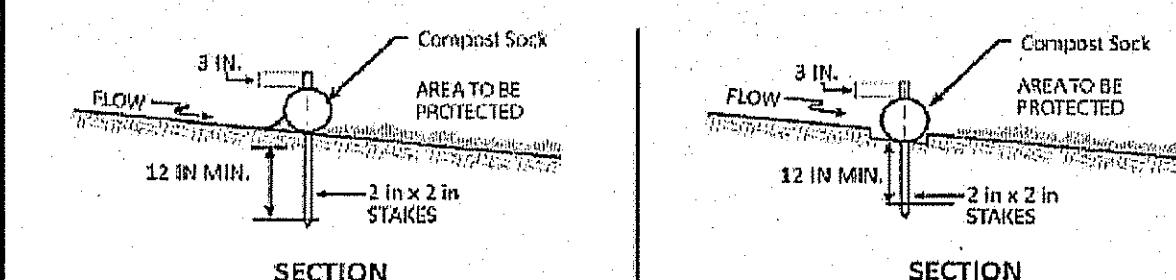
MAINTAIN THE GRAVEL PAD IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 2-3 INCH STONE. AFTER EACH RAINFALL, INSPECT ANY STRUCTURE USED TO TRAP SEDIMENT AND CLEAN IT OUT AS NECESSARY. IMMEDIATELY REMOVE ALL OBJECTIONABLE MATERIALS SPILLED, WASHED, OR TRACKED ONTO PUBLIC ROADWAYS.

FOR CROSSINGS OVER CHANNELS/DITCH, INSPECT BLOCKAGE, EROSION OF ABUTMENTS, CHANNEL SCOUR, BRISAP DISPLACEMENT, OR PIPING. MAKE ALL REPAIRS IMMEDIATELY TO PREVENT FURTHER DAMAGE TO THE INSTALLATION.

**CONSTRUCTION ENTRANCE**  
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.



Maryland Standards and Specifications for Soil Erosion and Sediment Control, 2011, Maryland Department of Environment, Water Management Administration

**Figure 6.66b Compost Sock Installation**

**CONSTRUCTION SPECIFICATION:**

1. MATERIALS USED IN THE COMPOST SOCK MUST MEET THE SPECIFICATIONS OUTLINED IN THE NC EROSION CONTROL AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL FOR COMPOST SOCKS AND COMPOST BLANKETS.
2. COMPOST SOCKS SHOULD BE LOCATED AS SHOWN ON THE EROSION AND SEDIMENTATION CONTROL PLAN.
3. PRIOR TO INSTALLATION, CLEAR ALL OBSTRUCTIONS INCLUDING ROCKS, CLODS, AND OTHER DEBRIS GREATER THAN ONE INCH THAT MAY INTERFERE WITH PROPER FUNCTION OF THE COMPOST SOCK.
4. COMPOST SOCKS SHOULD BE INSTALLED PARALLEL TO THE TOE OF A GRADED SLOPE, A MINIMUM OF 10 FEET BEYOND THE TOE OF THE SLOPE. SOCKS LOCATED BELOW FLAT AREAS SHOULD BE LOCATED AT THE EDGE OF THE LAND-DISTURBANCE. THE ENDS OF THE SOCKS SHOULD BE TURNED SLIGHTLY UP SLOPE TO PREVENT RUNOFF FROM GOING AROUND THE END OF THE SOCKS.
5. FILL SOCK NETTING UNIFORMLY WITH COMPOST TO THE DESIRED LENGTH SUCH THAT LOGS DO NOT DEFLECT. SHALL BE USED BEHIND THE SOCK TO HOLD IT IN PLACE DURING RUNOFF EVENTS.
6. PLACE THE GRAVEL TO THE SPECIFIC GRADE AND DIMENSIONS SHOWN ON THE PLANS, AND SMOOTH IT. DRIVE TO A MINIMUM DEPTH OF 12 INCHES, WITH A MINIMUM OF 3 INCHES PROTRUDING ABOVE THE COMPOST SOCK.
7. IN THE EVENT STAKING IS NOT POSSIBLE (I.E. WHEN SOCKS ARE USED ON PAVEMENT) HEAVY CONCRETE BLOCKS SHALL BE USED BEHIND THE SOCK TO HOLD IT IN PLACE DURING RUNOFF EVENTS.
8. IF THE COMPOST SOCK IS TO BE LEFT AS PART OF THE NATURAL LANDSCAPE, IT MAY BE SEEDED AT THE TIME OF INSTALLATION FOR ESTABLISHMENT OF PERMANENT VEGETATION USING THE SEEDING SPECIFICATION IN THE EROSION AND SEDIMENTATION CONTROL PLAN.
9. COMPOST SOCKS ARE NOT TO BE USED IN PERENNIAL OR INTERMITTENT STREAMS.

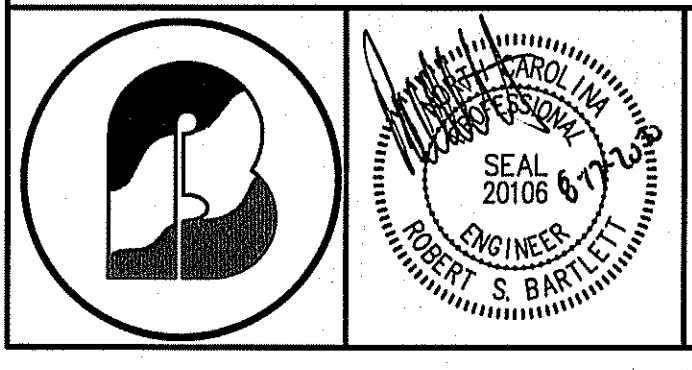
**MAINTENANCE:**

INSPECT COMPOST SOCKS WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL EVENT (1/2 INCH OR GREATER). REMOVE ACCUMULATED SEDIMENT AND ANY DEBRIS. THE COMPOST SOCK MUST BE REPLACED IF CLOGGED OR TORN. PONDING BECOMES EXCESSIVE, THE SOCK MAY NEED TO BE REPLACED WITH A LARGER DIAMETER OF A DIFFERENT MEASURE. THE SOCK NEEDS TO BE REINSTALLED IF UNDERMINED OR DISLOADED. THE COMPOST SOCK SHALL BE INSPECTED UNTIL LAND DISTURBANCE IS COMPLETE AND THE AREA ABOVE THE MEASURE HAS BEEN PERMANENTLY ESTABLISHED.

**DISPOSAL/RECYCLING:**

COMPOST MEDIA IS A BIOLOGICAL ORGANIC PRODUCT RECYCLED AND MANUFACTURED FROM LOCALLY GENERATED ORGANIC, NATURAL, AND COMPOSTABLE BASED MATERIALS. ONCE ALL SOIL HAS BEEN STABILIZED AND CONSTRUCTION ACTIVITY HAS BEEN COMPLETED, THE COMPOST MEDIA MAY BE DISPERSED WITH A LOADER, RAKE, BULLDOZER OR SIMILAR DEVICE AND MAY BE INCORPORATED INTO THE SOIL AS AN AMENDMENT OR LEFT ON THE SOIL SURFACE TO AID IN PERMANENT SEEDING OR LANDSCAPING. LEAVING THE COMPOST MEDIA ON SITE REDUCES REMOVAL AND DISPOSAL COSTS COMPARED TO OTHER SEDIMENT CONTROL DEVICES. THE MESH NETTING MATERIAL WILL BE EXTRACTED FROM THE MEDIA AND DISPOSED OF PROPERLY. THE PHOTODEGRADABLE MESH NETTING MATERIAL WILL DEGRADE IN 2 TO 5 YEARS IF LEFT ON SITE. BIODEGRADABLE MESH NETTING MATERIAL IS AVAILABLE AND DOES NOT NEED TO BE EXTRACTED AND DISPOSED OF, AS IT WILL COMPLETELY DEGRADE IN APPROXIMATELY 6 TO 12 MONTHS. USING BIODEGRADABLE COMPOST SOCKS COMPLETELY ELIMINATES THE NEED AND COST OF REMOVAL AND DISPOSAL.

**COMPOST SOCK**  
NO SCALE



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**S & E DETAILS**

**WIGGINS MILL PARK**  
PHASE I - BOAT RAMP

DATE: AUG 2020  
SCALE(HORIZ): N/A  
SCALE(VERT): N/A  
REVISIONS: TRC COMMENTS 8/11/2020

PROJECT: 19-302  
CLIENT CODE: WC  
CADFILE: 19302B02  
FIELD BOOK:  
DRAWN BY: RF  
SURVEY BY:

CITY OF WILSON WILSON COUNTY  
NORTH CAROLINA ZONE: RA & OS  
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**

Required Ground Stabilization Timeframes		
Site Area Description	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>Rolled 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>Rolled 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**

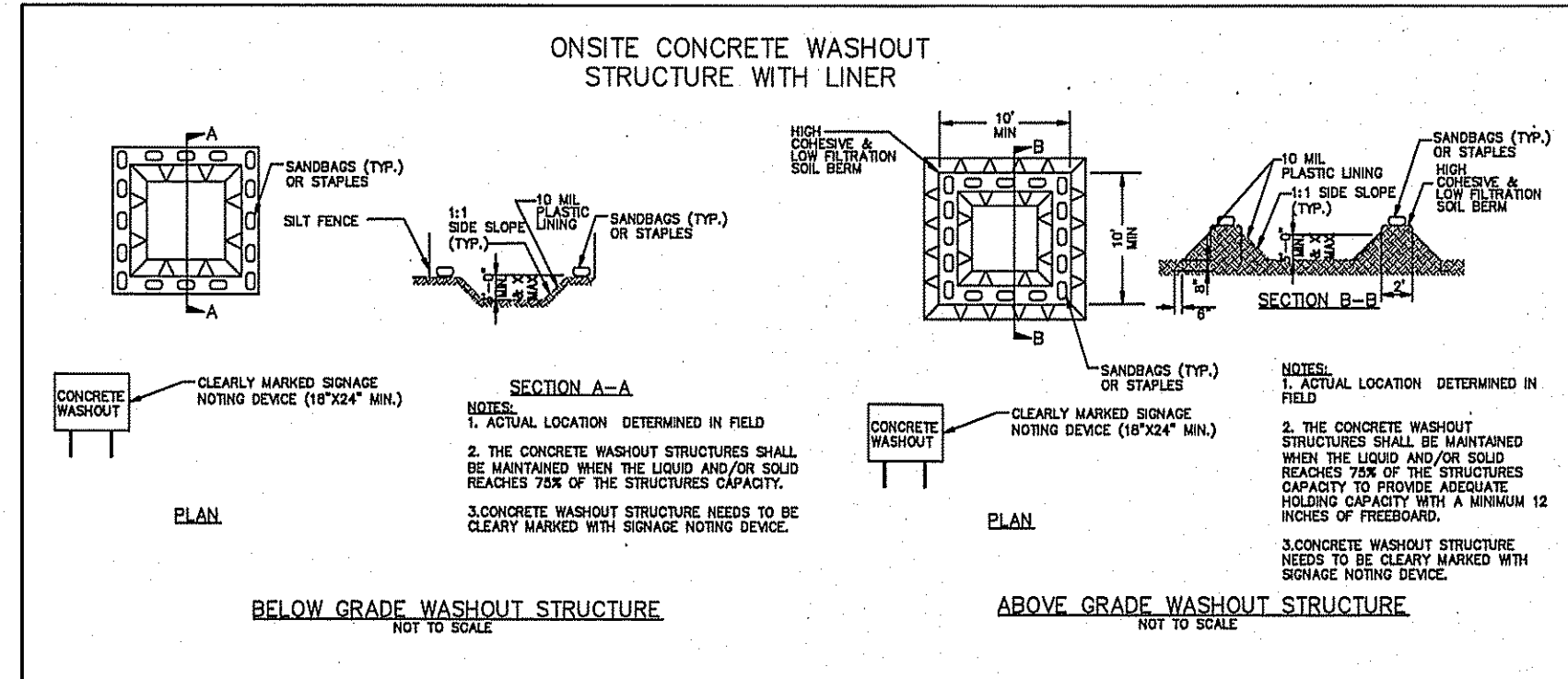
- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
- Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- Containment must be labeled, 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.
- Provide 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**

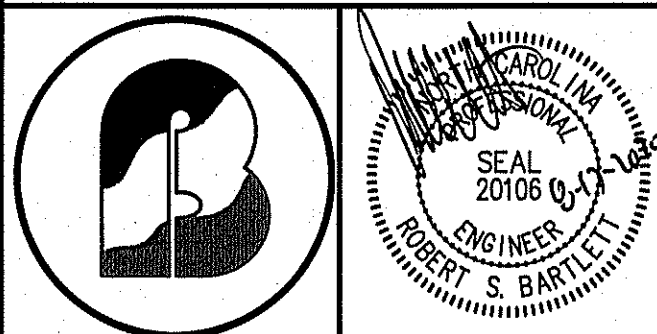
- Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
- Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
- Do not store 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 areas 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.

**NCG01 GROUND STABILIZATION AND MATERIALS HANDLING**

**EFFECTIVE: 04/01/19**



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S & E NCG01  
DETAILS  
(1 OF 2)

**WIGGINS MILL PARK**  
PHASE I - BOAT RAMP

DATE: AUG 2020	PROJECT: 19-302	CITY OF WILSON	WILSON COUNTY
SCALE(HORZ): N/A	CLIENT CODE: WC	NORTH CAROLINA	ZONE: RA & OS
SCALE(VERT): N/A	CADFILE: 19302BD2	PIN #	SHEET DT3
REVISIONS: TRC COMMENTS 8/11/2020	FIELD BOOK: DRAWN BY: LR SURVEY BY:		



**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-monitoring device approved by the Division.
(2) E&SC Measures	At least once per 7 calendar days and within 24 hours of a rain event $\geq$ 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 $\geq$ 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 $\geq$ 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 $\geq$ 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)(a) of this permit of this permit.
(6) Ground stabilization measures	After each phase of grading	1. The phase of grading (installation of perimeter E&SC 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&SC Plan Documentation**

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

Item to Document	Documentation Requirements
(a) Each E&SC Measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&SC Plan.	Initial and date each E&SC Measure on a copy of the approved E&SC Plan or complete, date and sign an inspection report that lists each E&SC Measure shown on the approved E&SC Plan. This documentation is required upon the initial installation of the E&SC Measures or if the E&SC Measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved E&SC 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&SC Plan.	Initial and date a copy of the approved E&SC 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&SC Measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to E&SC Measures.	Initial and date a copy of the approved E&SC 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&SC 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:

- (a) This general permit as well as the certificate of coverage, after it is received.
- (b) 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.
- (c) 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:

- (a) Visible sediment deposition in a stream or wetland.
- (b) 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).
- (a) 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.
- (b) Anticipated bypasses and unanticipated bypasses.
- (c) Noncompliance with the conditions of this permit that may endanger health or the environment.

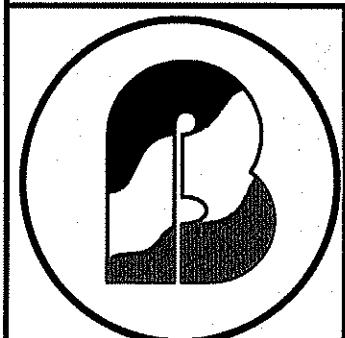
**2. Reporting Timeframes and Other Requirements**

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 <u>NC 303(d) List</u> 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(l)(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 reoccurrence of the noncompliance. [40 CFR 122.41(l)(6)].</li> <li>• Division staff may waive the requirement for a written report on a case-by-case basis.</li> </ul>

**NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING**

**EFFECTIVE: 04/01/19**



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DETAILS  
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**WIGGINS MILL PARK  
PHASE I - BOAT RAMP**

DATE: AUG 2020  
SCALE(HORZ): N/A  
SCALE(VERT): N/A  
REVISIONS: TRC COMMENTS 8/11/2020

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