

**ADVERTISEMENT FOR BIDS**  
**TOWN OF CANTON**  
**BOAT RAMP REPAIRS**

Bids for the project entitled **Boat Ramp Repairs** will be received by the **Town of Canton** until **1:00 p.m.** local time on **December 21** in the **Town of Canton Boardroom** at **85 Summer Street Canton, North Carolina**. At said place and time, all Bids that have been duly received, will be publicly opened and read aloud.

THE PROJECT GENERALLY CONSISTS OF: Replace washed out fabric and gravel under the edge of the existing boat ramp with a turn-down concrete slab along the damaged edge of boat ramp (approx. 50 feet). Completion of work is expected with 45 days of notice to proceed.

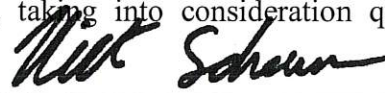
The Bidding Documents for the project may be examined at the following locations during normal business hours:

**Town of Canton**  
**85 Summer Street**  
**Canton, NC 28716**

Digital copies of Bid Documents are available at [www.cantonnc.com](http://www.cantonnc.com). These documents may be downloaded.

Each Bidder shall be responsible for the review of all addenda for the project and shall acknowledge the addenda on the bid form.

The Owner reserves the right to reject any and all Bids, to waive informalities, or to reject non-conforming, non-responsive, or conditional bids. The Owner reserves the right to award a contract to the lowest, responsive, responsible bidder or bidders, taking into consideration quality, performance and time.



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**Nick Scheuer – Town Manager**  
**Town of Canton**

## **Boat/Canoe Ramp**

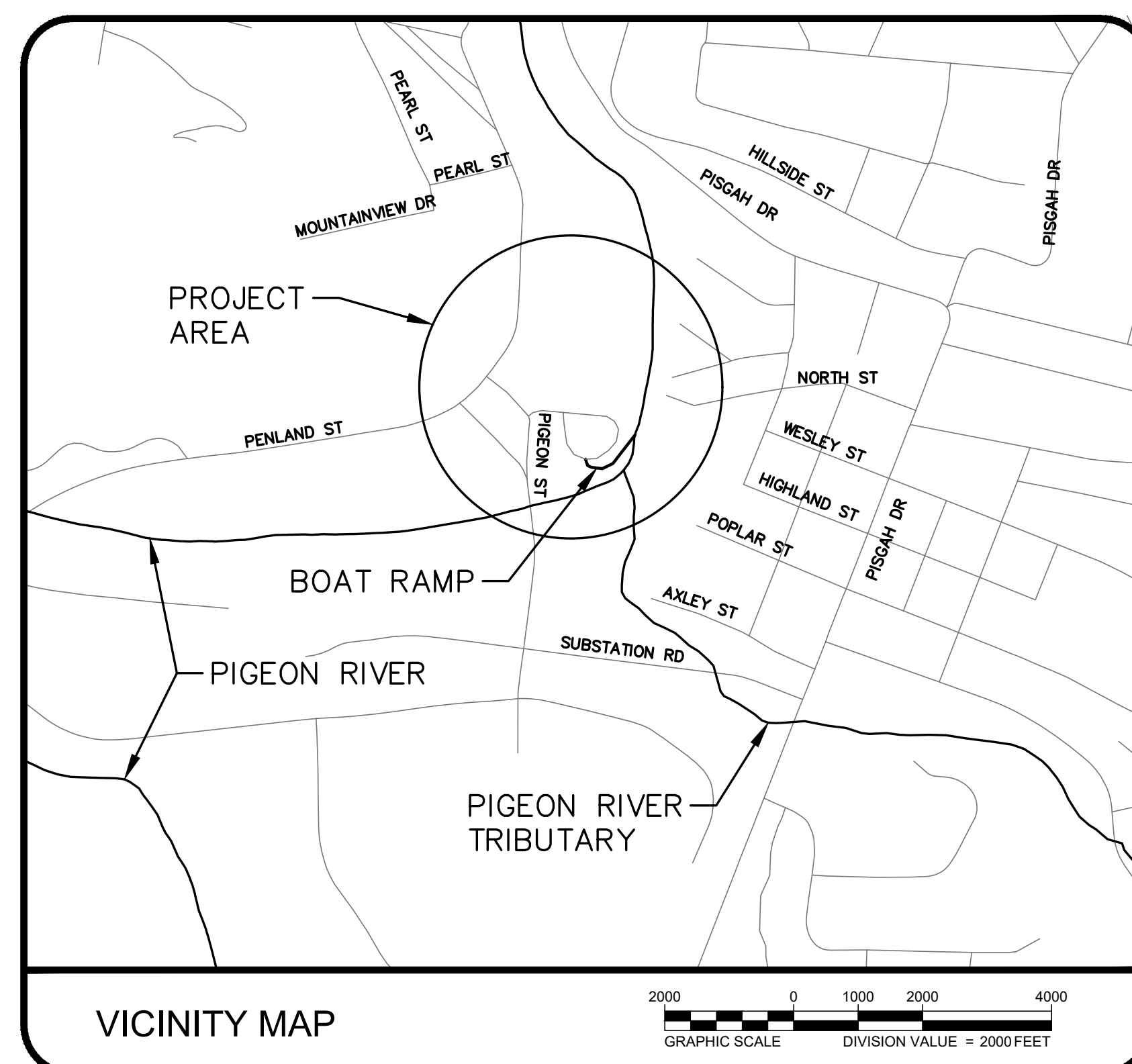
### **Scope of Work**

Replace washed out fabric and gravel under edge of existing boat ramp with a turn-down concrete slab along damaged edge of boat ramp (approx. 50 feet). Location: (35.525174, -82.840708)

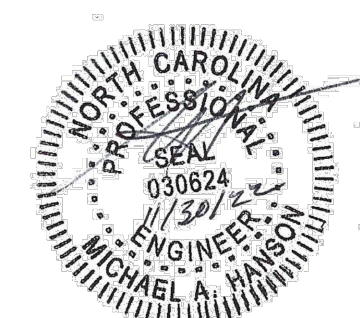
- A. Excavate trench adjacent to boat ramp, 10.5 bank CY
- B. Install 50 LF of 6" thick gravel base, 1.6 CY
- C. Install 50 LF of concrete turndown slab, 8.33 CY
- D. Grade, seed and mulch 30 LF of adjacent shoulder, 10 SY
- E. Install 20 LF of NCDOT Class 1 riprap adjacent to lower end of ramp, 2.5 CY

# TOWN OF CANTON FLOOD REPAIR ASSISTANCE TOWN OF CANTON

## HAYWOOD COUNTY, NORTH CAROLINA



SCHEDULE OF DRAWINGS	
G-01	COVER
G-02	NOTES AND LEGEND
G-03	NCDEQ NCG01
G-04	NCDEQ NCG01 GENERAL PERMIT NOTES
C-01	BOAT RAMP CONCRETE TURNDOWN SLAB



NOVEMBER 2022

PRELIMINARY  
- FOR REVIEW PURPOSES ONLY -  
DO NOT USE FOR  
CONSTRUCTION



1. Contractor shall verify all elevations before installation of facilities
2. Not all utilities are shown. Contractor is responsible for verifying the existing utilities and utility information presented on these drawings. Any discrepancies shall be addressed to the engineer in writing, the contractor is responsible for notifying and coordinating work with the affected utility companies whether they perform the work or the utility company performs the work. Any damage done to existing utilities (shown or not shown on plans) shall be the responsibility of the contractor. The contractor shall contact NC One Call at 1-800-632-4949 at least three working days prior to construction. Non-subscribers shall be contracted directly.
3. All work to be performed during the day.
4. Install gravel & impervious sheet cofferdam to temporarily dewater near water edge.
5. Streams, wetlands, and other water bodies shall not contact live concrete.

GENERAL: ALL EROSION CONTROL MEASURES ARE TO BE PERFORMED IN STRICT ACCORDANCE WITH REQUIREMENTS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY (NCDEQ), DIVISION OF ENERGY, MINERAL, AND LAND RESOURCES (DEMLR), LAND QUALITY SECTION. THE FOLLOWING CONSTRUCTION SEQUENCE SHALL BE COMPLIED WITH FOR ALL WORK.

1. INSTALL ALL EROSION CONTROL MEASURES AS REQUIRED BY THE NCEC.
2. PROCEED WITH GRADING, CLEARING, AND GRUBBING. NO OFF SITE DISPOSAL OF MATERIAL IS ALLOWED UNLESS THE DISPOSAL SITE HAS AN APPROVED EROSION CONTROL PLAN.
3. SEED AND MULCH DENUDE AREA WITHIN TIME FRAME SPECIFIED (SEE TABLE). SEED AND SOIL AMENDMENTS SHALL BE PLACED ON A PREPARED SEEDBED AT THE FOLLOWING RATES PER ACRE. STRAW MULCH SHALL BE TACKED WITH TACKING AGENT APPLIED BY HYDROSEEDER.

OR	
CREEPING RED FESCUE	100 LBS (NATURAL AREAS AND STREAMBANKS)
STRAW MULCH	60-80 BALES
FOR SUMMER SEEDING ADD TO THE ABOVE:	
GERMAN MILLET (SETARIA ITALICA)	40 LBS
SMALL-STEMMED SUDAN GRASS (SORGHUM BICOLOR)	50 LBS

FOR WINTER SEEDING ADD TO THE ABOVE:  
 RYE GRAIN (SECALE CEREALE) 120 LBS

IF HYDROSEEDING, WOOD CELLULOSE MAY BE USED IN ADDITION TO STRAW MULCH AT THE RATE OF 1,000 LBS PER ACRE.

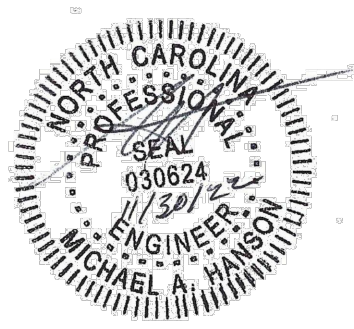
ALL SEEDING SHALL BE MAINTAINED, WATERED ETC., UNTIL A PERMANENT VEGETATIVE GROUND COVER IS ESTABLISHED OVER ALL DISTURBED AREAS. FOR ALL SLOPES 2:1 OR STEEPER ADD TO THE ABOVE:

PURGE LIVE SEED SWITCHGRASS	4 LBS
BROWNTOP MILLET OR PEARL MILLET (PENNISETUM GLAUCUM)	8 LBS
GRAIN SORGHUM (SORGHUM BICOLOR (L.) MOENCH SSP. BICOLOR)	2 LBS

ALL SLOPES 2:1 OR STEEPER SHALL BE COVERED BY EROSION CONTROL MATTING.

- ALL SOIL EROSION CONTROL MEASURES REQUIRED BY THE GRADING PLAN SHALL BE PERFORMED PRIOR TO GRADING, CLEARING, OR GRUBBING. ALL EROSION CONTROL DEVICES SUCH AS SILT FENCES, ETC. SHALL BE MAINTAINED IN WORKABLE CONDITION FOR THE LIFE OF THE PROJECT AND SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT OR ON THE ENGINEER'S APPROVAL. PAYMENT SHALL BE CONSIDERED INCIDENTAL TO CLEARING AND GRUBBING. IF DURING THE LIFE OF THE PROJECT A STORM CAUSES SOIL EROSION WHICH CHANGES FINISH GRADES OR CREATES "GULLIES" AND "WASHED AREAS," THESE SHALL BE REPAIRED AT NO EXTRA COST, AND ALL SILT WASHED OFF OF THE PROJECT SITE ONTO ADJACENT PROPERTY SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AT NO EXTRA COST. THE CONTRACTOR SHALL ADHERE TO ANY APPROVED EROSION CONTROL PLANS WHETHER INDICATED IN THE CONSTRUCTION PLANS OR UNDER SEPARATE COVER.
2. DISPOSABLE MATERIAL
  - 2.1. CLEARING AND GRUBBING WASTES SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE, UNLESS OTHERWISE SPECIFIED.
  - 2.2. THE CONTRACTOR SHALL REMOVE SOLID WASTE FROM THE SITE AND PROPERLY DISPOSE OF IT AT HIS EXPENSE.
  - 2.3. ON SITE BURNING IS NOT ACCEPTABLE.
3. NO WASTE, SPOIL, SOLIDS, OR FILL OF ANY KIND CAN OCCUR IN WETLANDS OR WATERS BEYOND THE FOOTPRINT OF THE IMPACTS (INCLUDING TEMPORARY IMPACTS) AS AUTHORIZED IN THE WRITTEN APPROVAL FROM DWR; OR BEYOND THE PERMITTED THRESHOLDS WITHOUT WRITTEN AUTHORIZATION. NO REMOVAL OF VEGETATION OR OTHER IMPACTS OF ANY KIND CAN OCCUR TO STATE REGULATED RIPARIAN BUFFERS BEYOND THE FOOTPRINT OF IMPACTS APPROVED IN A BUFFER AUTHORIZATION OR VARIANCE OR AS LISTED AS AN EXEMPT ACTIVITY IN THE APPLICABLE RIPARIAN BUFFER RULES.
4. ALL DEVICES SHALL BE MAINTAINED ON ALL CONSTRUCTION SITES, BORROW SITES, AND WASTE PILE (SPOIL) SITES, INCLUDING CONTRACTOR OWNED OR LEASED BORROW PITS ASSOCIATED WITH THE PROJECT. SUFFICIENT MATERIALS REQUIRED FOR STABILIZATION AND/OR REPAIR OF EROSION CONTROL MEASURES AND STORMWATER ROUTING AND TREATMENT SHALL BE ON-SITE AT ALL TIMES.
5. SEDIMENT AND EROSION CONTROL MEASURES WILL NOT BE PLACED IN WETLANDS OR WATERS EXCEPT WITHIN THE FOOTPRINT OF TEMPORARY OR PERMANENT IMPACTS AUTHORIZED UNDER THE PERMITS. EXCEPTIONS TO THIS CONDITION REQUIRE APPLICATION TO AND WRITTEN APPROVAL FROM DWR.
6. EROSION CONTROL MATTING THAT INCORPORATES PLASTIC MESH AND/OR PLASTIC TWINE MUST NOT BE USED ALONG STREAMBANKS OR WITHIN WETLANDS. EXCEPTIONS TO THIS CONDITION REQUIRE APPLICATION TO AND WRITTEN APPROVAL FROM DWR.
7. ALL WORK IN OR ADJACENT TO STREAMS SHOULD BE CONDUCTED SO THAT THE FLOWING STREAM DOES NOT COME IN CONTACT WITH THE DISTURBED AREA. APPROVED BEST MANAGEMENT PRACTICES FROM THE MOST CURRENT VERSION OF THE NC SEDIMENT AND EROSION CONTROL MANUAL, OR THE NC DOT CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL, SUCH AS SANDBAGS, ROCK BERMS, COFFERDAMS, AND OTHER DIVERSION STRUCTURES SHOULD BE USED TO MINIMIZE EXCAVATION IN FLOWING WATER. EXCEPTIONS TO THIS CONDITION REQUIRE APPLICATION TO AND WRITTEN APPROVAL FROM DWR.
8. APPLICATION OF FERTILIZER TO ESTABLISH PLANTED/SEEDED VEGETATION WITHIN DISTURBED RIPARIAN AREAS AND/OR WETLANDS WILL BE CONDUCTED AS AGRONOMIC RATES AND MUST COMPLY WITH ALL OTHER FEDERAL, STATE AND LOCAL REGULATIONS. FERTILIZER APPLICATION WILL BE ACCOMPLISHED IN A MANNER THAT MINIMIZES THE RISK OF CONTACT BETWEEN THE FERTILIZER AND SURFACE WATERS.
9. ALL PROPOSED AND APPROVED TEMPORARY FILL AND CULVERTS MUST BE REMOVED AND THE IMPACTED AREA RETURNED TO NATURAL CONDITIONS WITHIN 60 CALENDAR DAYS AFTER THE TEMPORARY IMPACT IS NO LONGER NECESSARY. THE IMPACTED AREAS WILL BE RETURNED TO ORIGINAL GRADE, INCLUDING EACH STREAM'S ORIGINAL CROSS SECTIONAL DIMENSIONS, PLATFORM PATTERN, AND LONGITUDINAL BED PROFILE. ALL TEMPORARY IMPACTS SHOULD BE RESTORED AND STABILIZED WITH NATIVE VEGETATION.
10. ALL PROPOSED AND APPROVED TEMPORARY PIPES/CULVERTS/RIP-RAP PADS ETC. IN STREAMS SHOULD BE INSTALLED AS OUTLINED IN THE MOST RECENT EDITION OF THE NC SEDIMENT AND EROSION CONTROL MANUAL, AND BE DESIGNED AND CONSTRUCTED TO NOT RESTRICT MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES SO AS NOT TO RESTRICT STREAM FLOW OR CAUSE DIS-EQUILIBRIUM DURING USE OF THIS CERTIFICATION.
11. ANY RIPRAP REQUIRED FOR PROPER CULVERT PLACEMENT, STREAM STABILIZATION, OR RESTORATION OF TEMPORARILY DISTURBED AREAS WILL BE RESTRICTED TO THE AREA DIRECTLY IMPACTED BY THE APPROVED CONSTRUCTION ACTIVITY. ALL RIPRAP SHOULD BE PLACED SUCH THAT THE ORIGINAL STREAM ELEVATION AND STREAM BANK CONTOURS ARE RESTORED AND MAINTAINED, SHOULD NOT RESULT IN THE DISTABILIZATION OF STREAM BED OR BANKS UPSTREAM OR DOWNSTREAM OF THE AREA, AND SHOULD NOT RESTRICT AQUATIC LIFE PASSAGE.
12. ANY RIPRAP USED FOR STREAM OR SHORELINE STABILIZATION WILL BE OF SIZE AND DENSITY TO PREVENT MOVEMENT BY WAVE, CURRENT, OR STREAM FLOWS. WILL CONSIST OF CLEAN ROCK. RIPRAP SHOULD NOT BE INSTALLED IN THE STREAMBED EXCEPT IN SPECIFIC AREAS REQUIRED FOR VELOCITY CONTROL AND TO ENSURE STRUCTURAL INTEGRITY OF BANK STABILIZATION MEASURES.
13. ALL MECHANIZED EQUIPMENT OPERATED NEAR SURFACE WATERS SHOULD BE INSPECTED, FUELED, LUBRICATED, AND MAINTAINED REGULARLY AND MAINTENANCE PERFORMED IN A MANNER TO PREVENT CONTAMINATION OF STREAM WATER FROM FUELS, LUBRICANTS, HYDRAULIC FLUIDS, OR OTHER TOXIC MATERIALS.

PRELIMINARY  
- FOR REVIEW PURPOSES ONLY -  
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CONSTRUCTION

[illegible]

TOWN OF CANTON  
FLOOD REPAIR ASSISTANCE  
**TOWN OF CANTON**  
HAYWOOD COUNTY, NORTH CAROLINA

NOT TO SCALE

OFFICE MANAGER B. ROARK	DESIGNER M. SCHREYACK
PROJECT MANAGER M. HANSON	REVIEWER M. HANSON

## NOTES AND LEGEND

DATE	PROJECT #	FUNDING #
NOVEMBER 2022	21.03028	N/A

SHEET

# G-02



P:\2021\21.03028-CANTON-NC-FLOOD RECOVERY\TOWN RECOVERY\BOAT RAMP\DESIGN\DRAWINGS\SHEETS\G-03 NCDEQ NCG01 GENERAL PERMIT NOTES DWG PLOT DATE: 11/30/2022 9:07 AM MATTHEW SCHREYACK

**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**

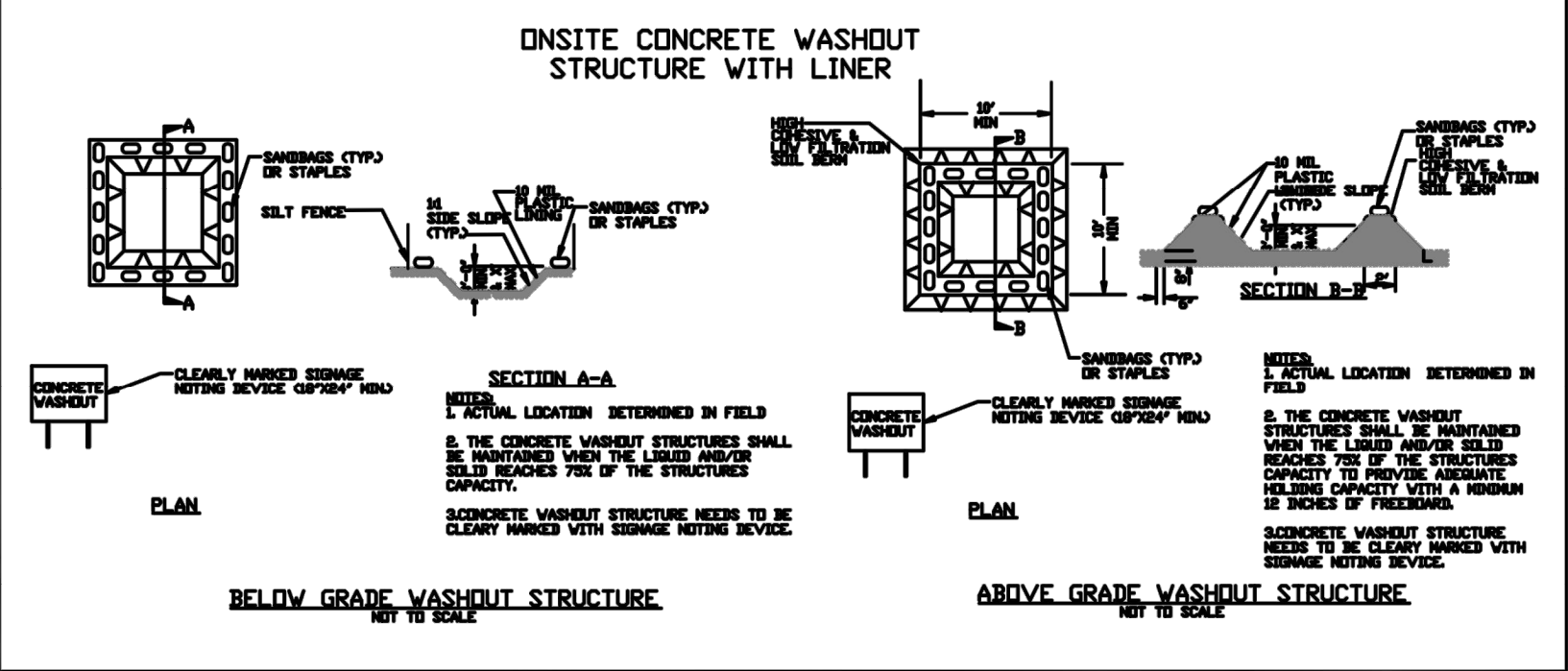
- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
- Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- Containment must be labeled,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

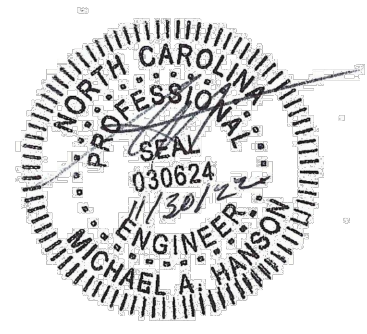
**HAZARDOUS AND TOXIC WASTE**

- 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**

PRELIMINARY  
- FOR REVIEW PURPOSES ONLY -  
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CONSTRUCTION



NO.	DATE	BY	DESCRIPTION

TOWN OF CANTON  
FLOOD REPAIR ASSISTANCE  
**TOWN OF CANTON**  
HAYWOOD COUNTY, NORTH CAROLINA

NOT TO SCALE		NCDEQ NCG01		
OFFICE MANAGER B. ROARK	DESIGNER M. SCHREYACK			
PROJECT MANAGER M. HANSON	REVIEWER M. HANSON	DATE NOVEMBER 2022	PROJECT # 21.03028	FUNDING # N/A

SHEET

**G-03**

21.03028 - TOWN OF CANTON - BOAT RAMP CONCRETE TURNDOWN CURB



## 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.

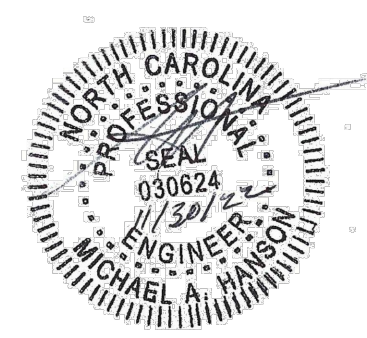
Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	<ul style="list-style-type: none"> <li>• <b>Within 24 hours</b>, an oral or electronic notification.</li> <li>• <b>Within 7 calendar days</b>, a report that contains a description 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 <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(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>

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# NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19

[illegible]

TOWN OF CANTON  
FLOOD REPAIR ASSISTANCE  
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NOT TO SCALE

OFFICE MANAGER B. ROARK	DESIGNER M. SCHREYACK
PROJECT MANAGER M. HANSON	REVIEWER M. HANSON

NCDEQ NCG01 GENERAL PERMIT  
NOTES

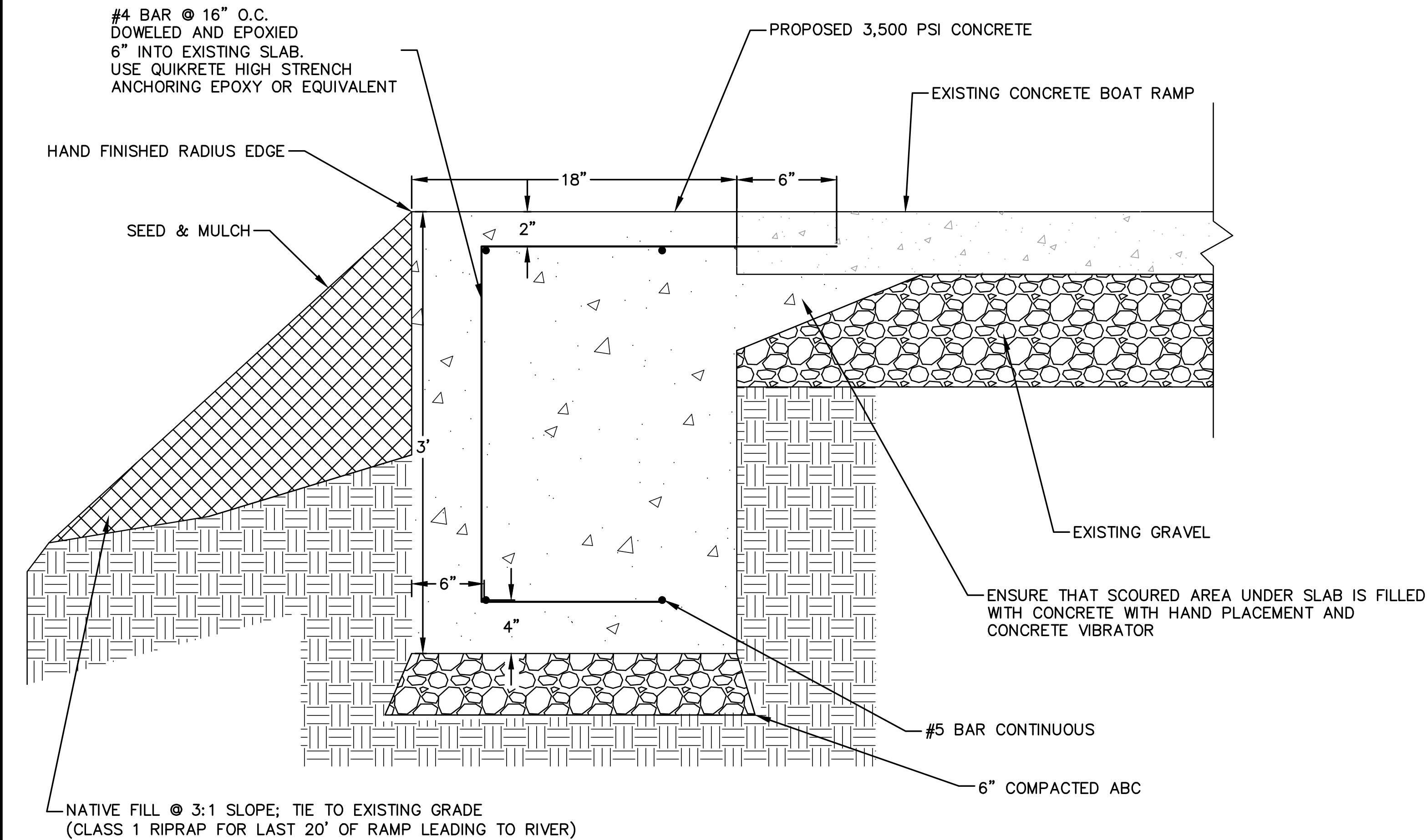
DATE	PROJECT #	FUNDING #
NOVEMBER 2022	21.03028	N/A

SHEET

G-04



P:\2021\21.03028-CANTON-FLOOD RECOVERY\TOWN RECOVERY\BOAT RAMP\DESIGN\DRAWINGS\SHEETS\CANTON TOWN FLOOD RECOVERY - BOAT RAMP REPAIR\PLANDWG PLOT DATE 11/30/2022 9:07 AM MATTHEW SCHREYACK



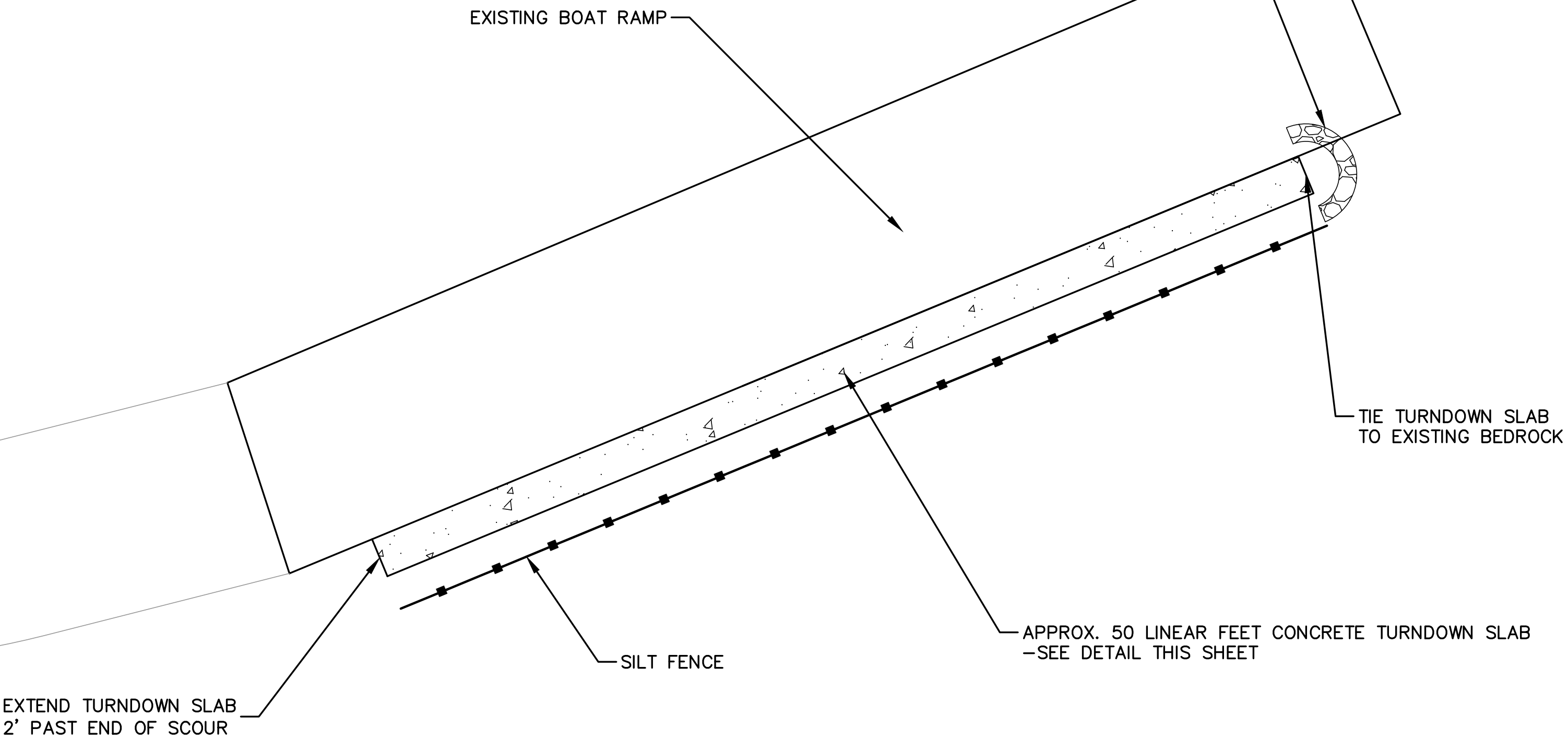
BOAT RAMP CONCRETE TURNDOWN SLAB DETAIL

NOT TO SCALE

PLAN

TEMPORARY COFFERDAM – INSTALL COFFERDAM DURING NORMAL TO LOW FLOW CONDITIONS WITH NO SUBSTANTIAL RAIN EVENTS FORECAST UNTIL CONCRETE IS COMPLETELY CURED. PUMP WATER AS NEEDED TO MAINTAIN DRY CONDITIONS DURING CONSTRUCTION

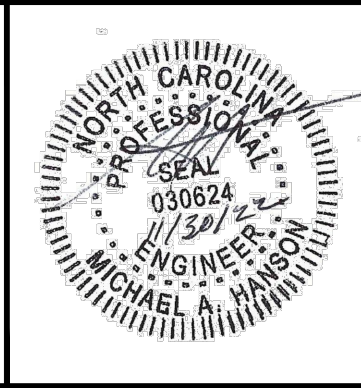
- INSTALLATION SEQUENCE:
- 1) INSTALL TEMPORARY COFFERDAM (PORTADAM)OR OTHER APPROVED PRIOR TO CONSTRUCTION.
  - 2) ENSURE THAT WORK AREA IS DRY AND COFFERDAM IS ADEQUATELY RESTRICTING FLOW.
  - 3) PUMP WATER AS NEEDED TO MAINTAIN DRY WORK AREA TO ENSURE THAT NO LIVE CONCRETE COMES IN CONTACT WITH NATURAL RIVER FLOW.
  - 4) ONCE WORK IS COMPLETE AND CONCRETE IS COMPLETELY CURED REMOVE PUMP AND COFFERDAM AND STABILIZE ANY DISTURBED AREAS.



PRELIMINARY  
- FOR REVIEW PURPOSES ONLY -  
DO NOT USE FOR  
CONSTRUCTION

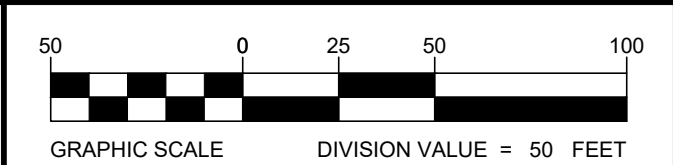


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SIGNED AND DATED:	
THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED IN ACCORDANCE WITH THE STANDARD CERTIFICATION REQUIREMENTS FOUND IN NC ADMINISTRATIVE CODE 21-56.1103(E). THIS DIGITAL SIGNATURE HAS BEEN FOUND BY THE NC BOARD OF EXAMINERS FOR ENGINEERS AND SURVEYORS TO MEET THESE STANDARDS. PLEASE CONTACT THE SIGNER IF YOU NEED ASSISTANCE IN VALIDATING THE SIGNATURE.	
NO.	DATE
BY	DESCRIPTION

TOWN OF CANTON  
FLOOD REPAIR ASSISTANCE  
**TOWN OF CANTON**  
HAYWOOD COUNTY, NORTH CAROLINA

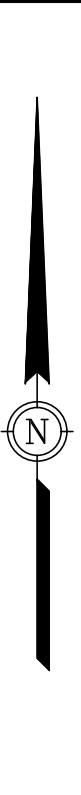


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PROJECT MANAGER M. HANSON	REVIEWER M. HANSON

Boat Ramp Concrete Turndown Slab

DATE NOVEMBER 2022	PROJECT # 21.03028	FUNDING # N/A
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SHEET  
**C-01**



21.03028 - TOWN OF CANTON - BOAT RAMP CONCRETE TURNDOWN CURB