

PUBLIC NOTICE

Issue Date: December 6, 2007
Comment Deadline: January 7, 2008
Corps Action ID #: 2007-03968

The Wilmington District, Corps of Engineers (Corps) has received an application from The City of High Point, North Carolina, seeking Department of the Army authorization to impact 0.349 acre of wetlands and 518 linear feet (lf) of stream channel, within jurisdictional waters of the United States. Specifically, the project would impact two unnamed tributaries to Rich Fork and two separate forested freshwater wetland areas adjacent to two additional unnamed tributaries of Rich Fork. These impacts are associated with the proposed Hartley Drive widening and extension project located from the existing Hartley Drive, US 311 (North Main Street) intersection to the Westover Drive, Shadow Valley Road intersection, in High Point, Guilford County, North Carolina.

Specific plans and location information are described below and shown on the attached plans. This Public Notice and all attached plans are also available on the Wilmington District Web Site at www.saw.usace.army.mil/wetlands.

Applicant: **City of High Point**
 Attn: Mr. Keith Pugh
 Post Office Box 230
 High Point, North Carolina 27261

AGENT: **STV/Ralph Whitehead Associates, Inc.**
 Attn: Mr. Michael Iagnocco, P.W.S.
 1000 W. Morehead Street, Suite 200
 Charlotte, North Carolina 28208

Authority

The Corps will evaluate this application and decide whether to issue, conditionally issue, or deny the proposed work pursuant to the applicable procedures of Section 404 of the Clean Water Act.

Location

The proposed project (Hartley Drive Widening and Extension) is located from the existing Hartley Drive, US 311 (North Main Street) intersection to the Westover Drive, Shadow Valley Road intersection, in High Point, Guilford County, North Carolina. The site contains unnamed tributaries to Rich Fork and their adjacent wetlands, in the Yadkin-Pee Dee River Basin (8-Digit Cataloging Unit 03040103). Coordinates (in decimal degrees) for the site are 35.9902° N, 80.0410° W (NAD83/WGS84). See attached project location map and USGS topographic map.

Existing Site Conditions

The project corridor consists of approximately 20.7 acres and is located in an urbanizing area of High Point that includes commercial, residential and undeveloped property. The eastern portion of the proposed project is occupied by the existing West Hartley Drive and includes commercial and residential developments. The central and western portion of the proposed project includes undeveloped uplands and all of the streams and wetlands located within the project boundary. Three stream channels flow through the proposed project boundary and two forested freshwater wetlands are also located within the proposed boundary. All of the streams located on the site were determined to have important aquatic functions by the Corps.

Applicant's Stated Purpose

As stated by the applicant, the purpose of the project is to improve access to US 311 (North Main Street) and the City of High Point from the residential areas located west of the city and to reduce traffic on Westover Drive.

Project Description

The entire proposed widening and extension project consists of a roadway, bridge and the associated stormwater management systems and is known as "Hartley Drive Widening and Extension". The total length of this proposed project is approximately 6,000 feet and varies in width from 90 to 110 feet along most of the proposed right-of-way (ROW). The project involves the widening of the existing Hartley Drive from US 311 (North Main Street) to the current Hartley Drive termini (approximately 2,100 linear feet). The remainder of the project, from the Hartley Road termini to the existing Westover Drive, is new construction. The proposed project is depicted on the attached plan view and impact maps. With reference to the attached project plans the following proposed jurisdictional impacts associated with the project have been identified:

Proposed plans for the roadway would result in impacts to 518 lf of two jurisdictional perennial streams. Approximately 506 lf of streams would be impacted by filling and piping, and approximately 12 lf of stream would be impacted by excavation. In addition, impacts to wetlands resulting from site grading (fill and excavation), stormwater management, mechanized vegetation clearing and utility installation would encompass 0.349 acre (15,156 sq. ft.).

The stream crossing in the eastern portion of the project site (Stream 4) would be bridged and would not result in any fill impacts to this important perennial stream channel. Also, construction impacts to Stream 4 are not anticipated.

The second area of stream crossings (Streams 1 and 2) would require the relocation of the Stream 1 channel, and the installation of 200 lf of 60" diameter reinforced concrete pipe (RCP) underneath the proposed roadway to provide continued conveyance of the stream flow. The bottom portion of the pipe would be buried 12 inches below the existing stream bed to ensure continued stream flow and passage of aquatic organisms in periods of low flow conditions. Stabilization of the pipe outlet would require that 0.003 acre of stream channel bottom be

excavated and backfilled with rip-rap resulting in 12 lf of stream channel excavation impacts. The project proposes 157 lf of Stream 1 and 349 lf of Stream 2 to be impacted at this crossing by the fill required to achieve the proposed grade of the roadway for a total impact of 518 lf. Relocation of 140 lf of Stream 1 would occur outside of the proposed limits of construction.

The wetland area designated as Wetland GG would be impacted by the fill needed for the bridge. The crossing of Wetland GG would impact a total of 0.291 acre of wetlands. A total of 0.271 acre of the wetland would be impacted by the fill required to achieve the proposed grade for the roadway approach and bridge abutment. A 0.006 acre portion of Wetland GG would be impacted by the excavation of the drainage ditch on the south side of the toe of the slope created for the bridge abutment. Mechanized land clearing of 0.014 acre of Wetland GG would be required for construction.

The wetland area designated at Wetland F would be impacted by the fill and excavation that is required to achieve the proposed grade of the roadway, and the installation of 120 lf of 42" RCP that is required for the continued conveyance of the waters that drain from the upland areas to the north. The crossing of Wetland F would impact a total of approximately 0.058 acre of wetland. Fill impacts are proposed for 0.054 acre of wetlands, while 0.004 acre of wetland would be impacted by the excavation that is required for the drainage pipe outlet. Upon completion of the excavation, approximately 13 cubic yards of rip-rap would be placed at the drainage pipe outlet.

Proposed stream impacts are summarized in Table 1 below.

**Table 1
Summary of Estimated Stream Impacts**

Jurisdictional Area	Type of Jurisdictional Area	Permanent Impact (Y/N)	Length of Impact (lf)	Area of Impact (ft²)
Stream 1	Intermittent Stream	Yes - Fill	157	871
Stream 2	Perennial Stream	Yes - Fill	349	3006
Stream 2	Perennial Stream	Yes-Excavation	12	131
Permanent Impact Totals:			518 lf	4,008 ft²

Wetland impacts would result from site grading, culvert installation, drainage ditch excavation, roadway construction, and clearing. Two palustrine forested wetland areas are within the proposed roadway footprint and will be impacted by the proposed project. Proposed fill impacts are summarized in Table 2 below.

**Table 2
Summary of Estimated Wetland Impacts**

Jurisdictional Area	Type of Jurisdictional Area	Permanent Impact (Y/N)	Area of Impact
Wetland F	Forested Wetland	Yes - Fill	0.054 acre (2,362 sq. ft.)
Wetland F	Forested Wetland	Yes - Excavation	0.004 acre (146 sq. ft.)
Wetland GG	Forested Wetland	Yes - Fill	0.271 acre (11,794 sq. ft.)
Wetland GG	Forested Wetland	Yes - Excavation	0.006 acre (264 sq. ft.)
Wetland GG	Forested Wetland	Yes - Clearing	0.014 acre (590 sq. ft.)

Permanent Impact Totals: 0.349 acre (15,156 sq. ft.)

Impacts to wetlands associated with all proposed activities totals 0.349 acres. Impacts to stream channels associated with all proposed activities totals 518 linear feet. The applicant proposes compensatory mitigation of impacts to stream channels with important aquatic function and all wetlands associated with the project at a 1:1 ratio by providing payment into the North Carolina Ecosystem Enhancement Program (NCEEP) for the restoration of 378 linear feet of stream channel (518 lf minus the 140 lf of proposed stream re-location) and 0.349 acre of non-riparian wetlands. In addition to the proposed payment to the NCEEP, the applicant has utilized a span bridge at Stream 4 and utilized headwalls at Stream 2 and Wetland F to reduce the total project impact on site. However, the U.S. Army Corps of Engineers may require a 2:1 ratio for the 378 lf of stream that is not restored on site and a 2:1 ratio for all wetland impacts, pending a field review of the resources to be impacted.

Other Required Authorizations

This notice and all applicable application materials are being forwarded to the appropriate State agencies for review. The Corps will generally not make a final permit decision until the North Carolina Division of Water Quality (NCDWQ) issues, denies, or waives State certification required by Section 401 of the Clean Water Act (PL 92-500). The receipt of the application and this public notice in the NCDWQ Central Office in Raleigh serves as application to the NCDWQ for certification. A waiver will be deemed to occur if the NCDWQ fails to act on this request for certification within sixty days of the date of the receipt of this notice in the NCDWQ Central Office. Additional information regarding the Clean Water Act certification may be reviewed at the NCDWQ Central Office, 401 Oversight and Express Permits Unit, 2321 Crabtree Boulevard, Raleigh, North Carolina 27604-2260. All persons desiring to make comments regarding the application for certification under Section 401 of the Clean Water Act should do so in writing delivered to the North Carolina Division of Water Quality (NCDWQ), 1650 Mail Service Center, Raleigh, North Carolina 27699-1650, Attention: Ms. Cyndi Karoly by January 1, 2007.

Essential Fish Habitat

This notice initiates the Essential Fish Habitat (EFE) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The Corps' initial determination is that the proposed project will not adversely impact EFH or associated fisheries managed by the South Atlantic or Mid Atlantic Fishery Management Councils or the National Marine Fisheries Service.

Cultural Resources

The Corps has consulted the latest published version of the National Register of Historic Places and is not aware that any registered properties, or properties listed as being eligible for inclusion therein are located within the project area or will be affected by the proposed work. Presently, unknown archeological, scientific, prehistoric, or historical data may be located within the project area and/or could be affected by the proposed work.

Endangered Species

The Corps has reviewed the project area, examined all information provided by the applicant and consulted the latest North Carolina Natural Heritage Database. Based on available information, the Corps is not aware of the presence of species listed as threatened or endangered or their critical habitat formally designated pursuant to the Endangered Species Act of 1973 (ESA) within the project area. A final determination on the effects of the proposed project will be made upon additional review of the project and completion of any necessary biological assessment and/or consultation with the U.S. Fish and Wildlife Service."

Evaluation

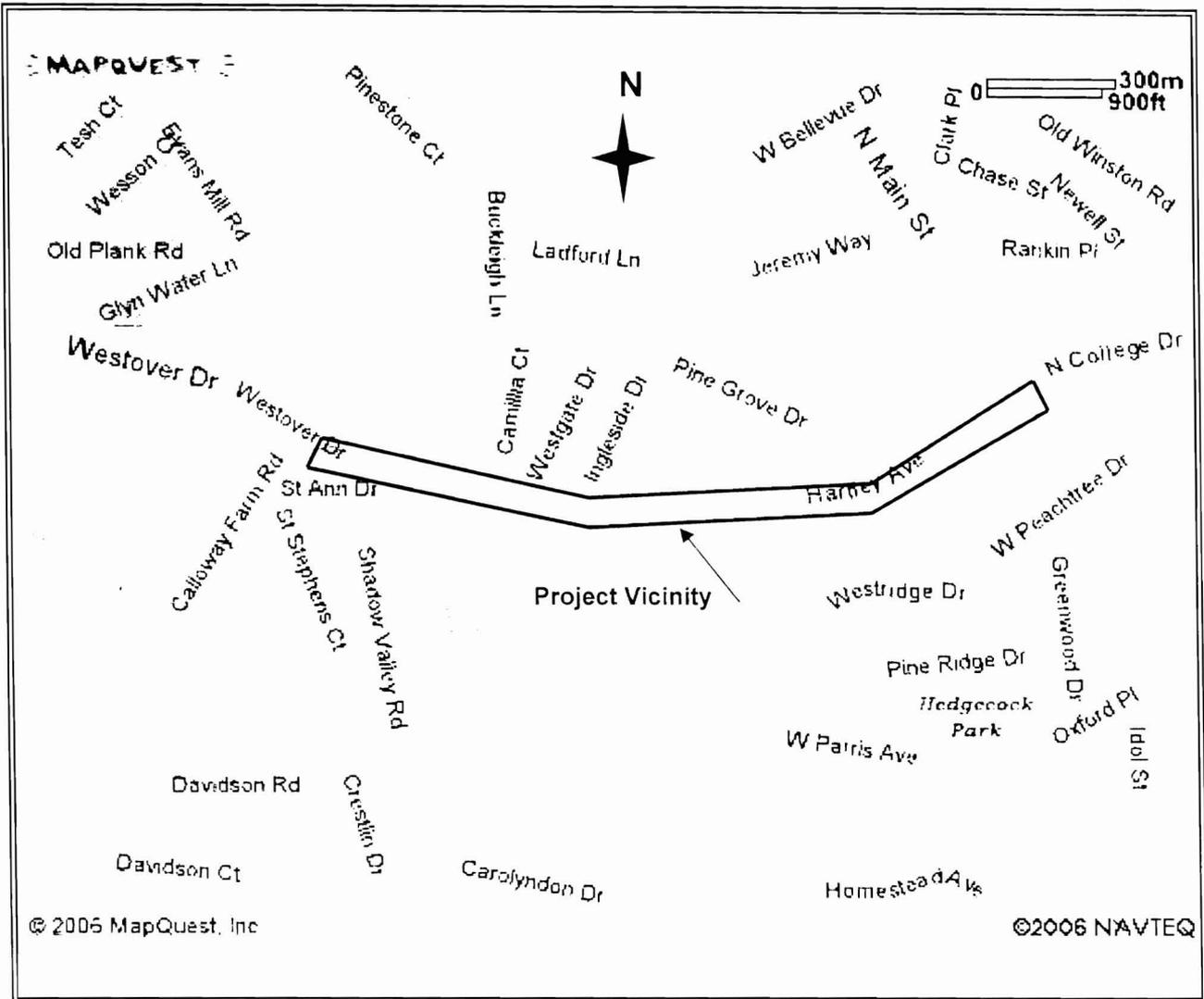
The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values (in accordance with Executive Order 1 1988), land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. For activities involving the discharge of dredged or fill materials in waters of the United States, the evaluation of the impact of the activity on the public interest will include application of the Environmental Protection Agency's 404(b)(1) guidelines.

Commenting Information

The Corps is soliciting comments from the public; Federal, State and local agencies and officials, including any consolidate State Viewpoint or written position of the Governor; Indian Tribes and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment (EA) and/or an Environmental Impact Statement (EIS) pursuant to the National Environmental Policy Act (NEPA). Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Any person may request, in writing, within the comment period specified in this notice that a public hearing be held to consider the application. Requests for public hearings shall state, within particularity, the reasons for holding a public hearing. Requests for a public hearing shall be granted, unless the District Engineer determines that the issues raised are insubstantial or there is otherwise no valid interest to be served by a hearing.

Written comments pertinent to the proposed work, as outlined above, will be received by the Corps of Engineers, Wilmington District, until 5pm, January 7, 2008. Comments should be submitted to Andrew E. Williams, Raleigh Regulatory Field Office, 6508 Falls of Neuse Road, Suite 120, Raleigh, NC 27615.



North Carolina Vicinity Map



Scale as shown

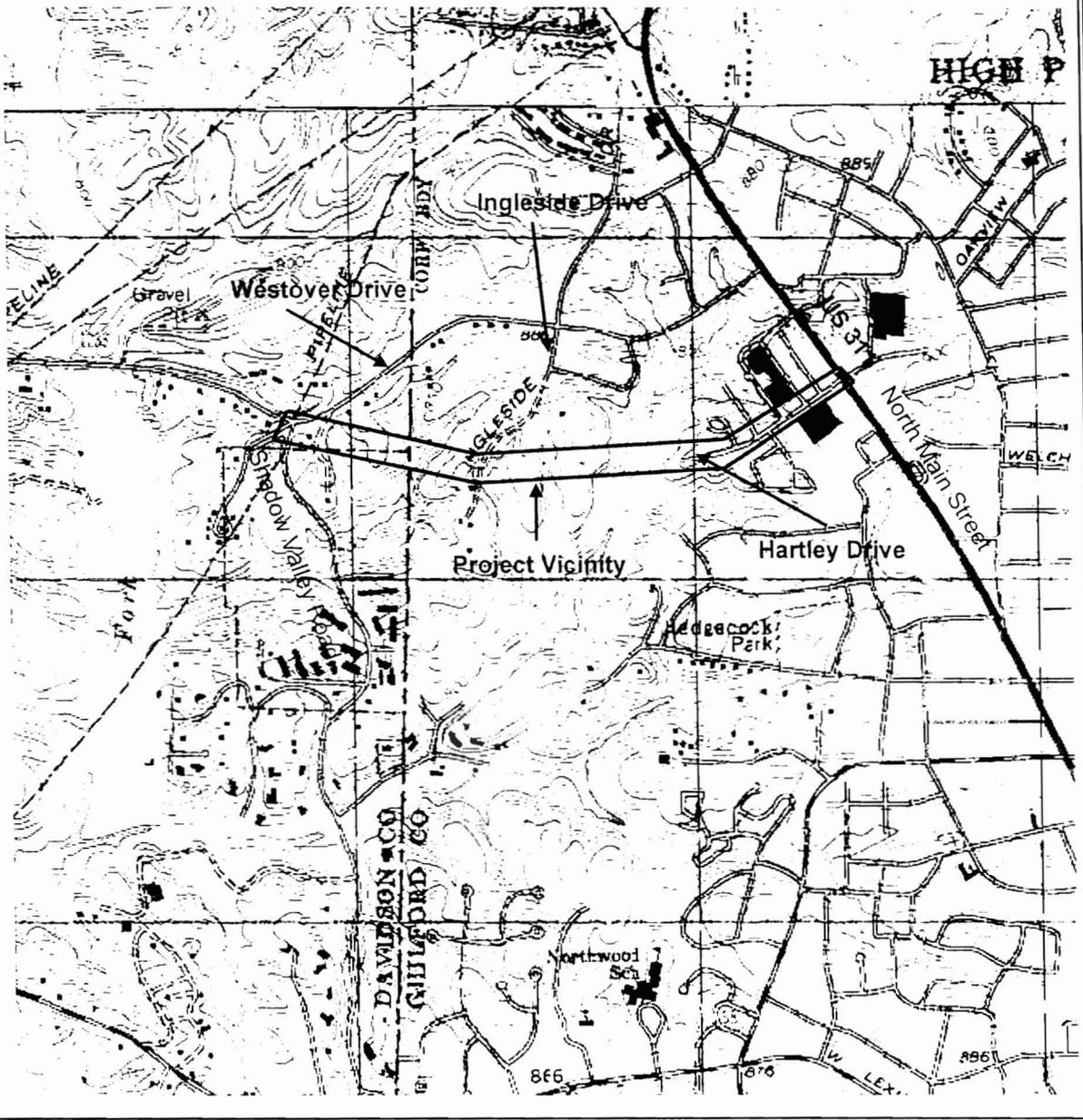


**STV/Ralph Whitehead
Associates, Inc.**

<p>Hartley Drive Widening and Extension</p> <p>Davidson and Guilford Counties, NC</p>

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Ref: TopoZone: USGS 7.5 Minute Topographic Map Series: High Point West, NC (1993).



North Carolina Vicinity Map



Not to Scale



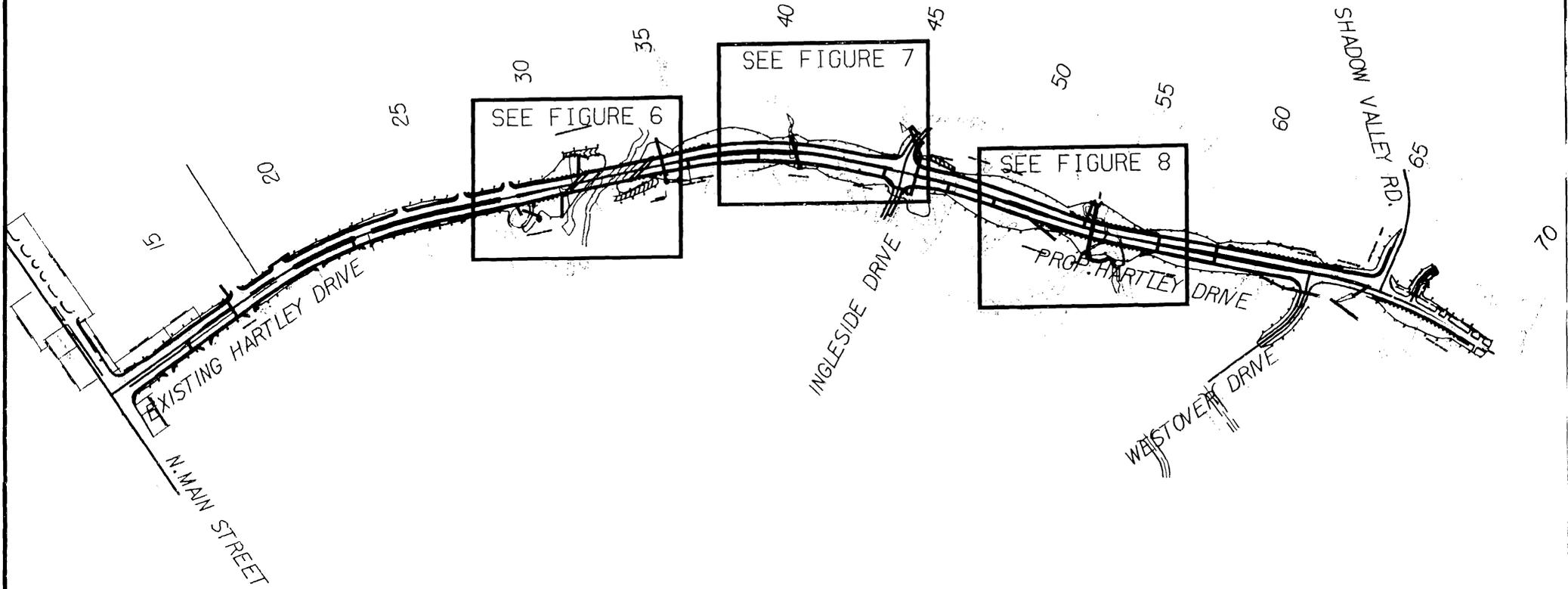
STV/Ralph Whitehead Associates, Inc.

<p>Hartley Drive Widening and Extension Davidson and Guilford Counties, NC</p>
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APPLICANT: CITY OF HIGH POINT
ACTIVITY: ROADWAY EXTENSION
ROUTE: HARTLEY DRIVE
PROJECT#: 3202000, TASK 400

LOCATION: HARTLEY DRIVE
COUNTY: GUILFORD/DAVIDSON
STATE: NORTH CAROLINA
DATE: 06/14/07
SCALE: 1" = 600'



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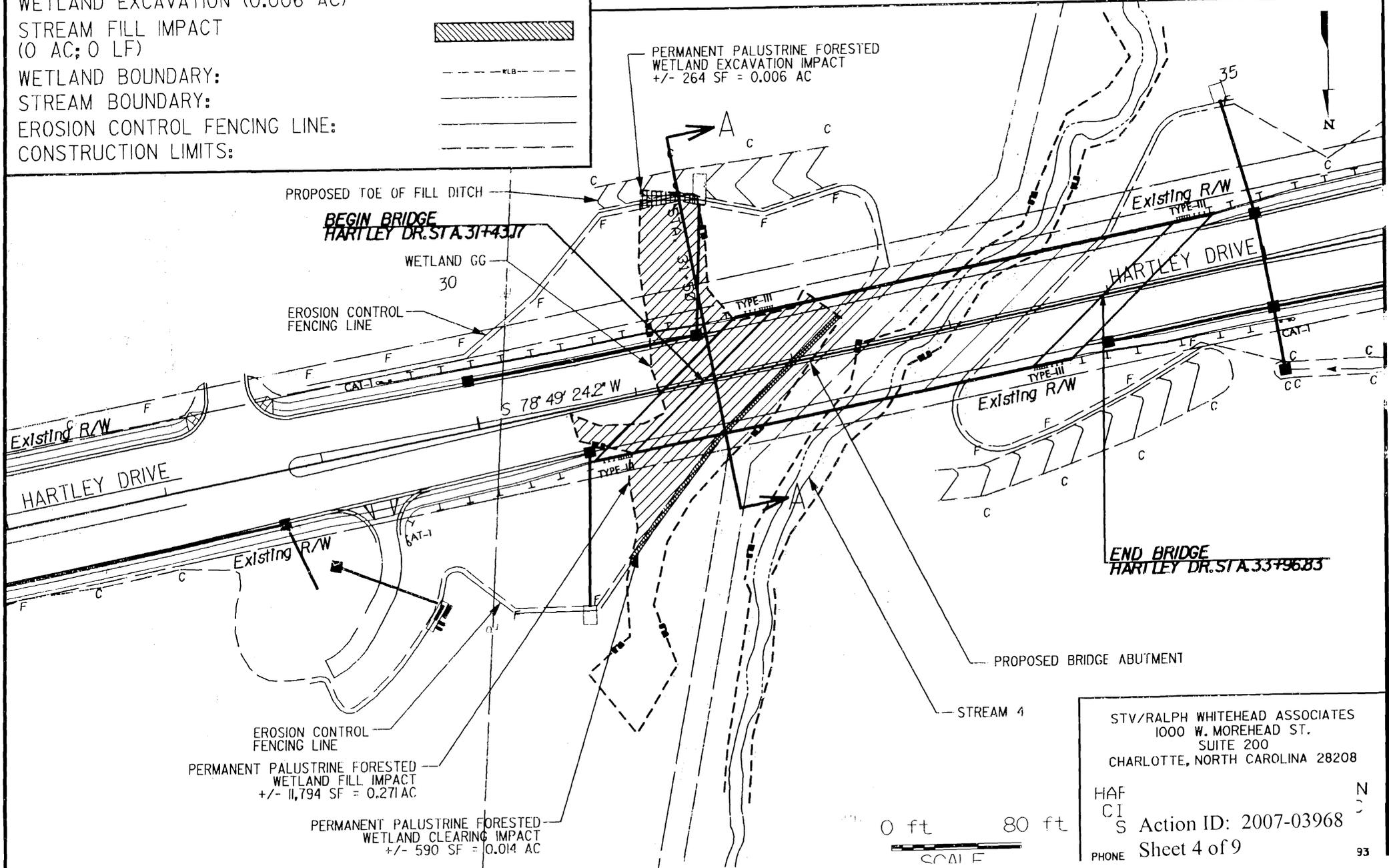
STV/RALPH WHITEHEAD ASSOCIATES
1000 W. MOREHEAD ST.
SUITE 200
CHARLOTTE, NORTH CAROLINA 28208
HARTLEY DRIVE EXTENSION
CITY OF HIGH POINT, NC
PROJECT OVERVIEW
FIGURE 5

LEGEND

- PERMANENT PALUSTRINE FORESTED WETLAND FILL IMPACT (0.271 AC)
- PERMANENT PALUSTRINE FORESTED WETLAND CLEARING IMPACT (0.014 AC)
- PERMANENT PALUSTRINE FORESTED WETLAND EXCAVATION (0.006 AC)
- STREAM FILL IMPACT (0 AC; 0 LF)
- WETLAND BOUNDARY:
- STREAM BOUNDARY:
- EROSION CONTROL FENCING LINE:
- CONSTRUCTION LIMITS:

APPLICANT: CITY OF HIGH POINT
 ACTIVITY: ROADWAY EXTENSION
 ROUTE: HARTLEY DRIVE
 PROJECT#: 3202000, TASK 400

LOCATION: HARTLEY DRIVE
 COUNTY: GUILFORD/DAVIDSON
 STATE: NORTH CAROLINA
 DATE: 06/14/07
 SCALE: 1" = 80'



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LEGEND

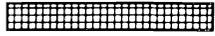
PERMANENT PALUSTRINE FORESTED WETLAND FILL IMPACT (0.054 AC)



PERMANENT PALUSTRINE FORESTED WETLAND CLEARING IMPACT (0 AC)



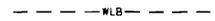
PERMANENT PALUSTRINE FORESTED WETLAND EXCAVATION IMPACT (0.004 AC)



STREAM FILL IMPACT (0 AC; 0 LF)



WETLAND BOUNDARY:



STREAM BOUNDARY:



EROSION CONTROL FENCING LINE:



CONSTRUCTION LIMITS:



APPLICANT: CITY OF HIGH POINT

LOCATION: HARTLEY DRIVE

ACTIVITY: ROADWAY EXTENSION

COUNTY: GUILFORD/DAVIDSON

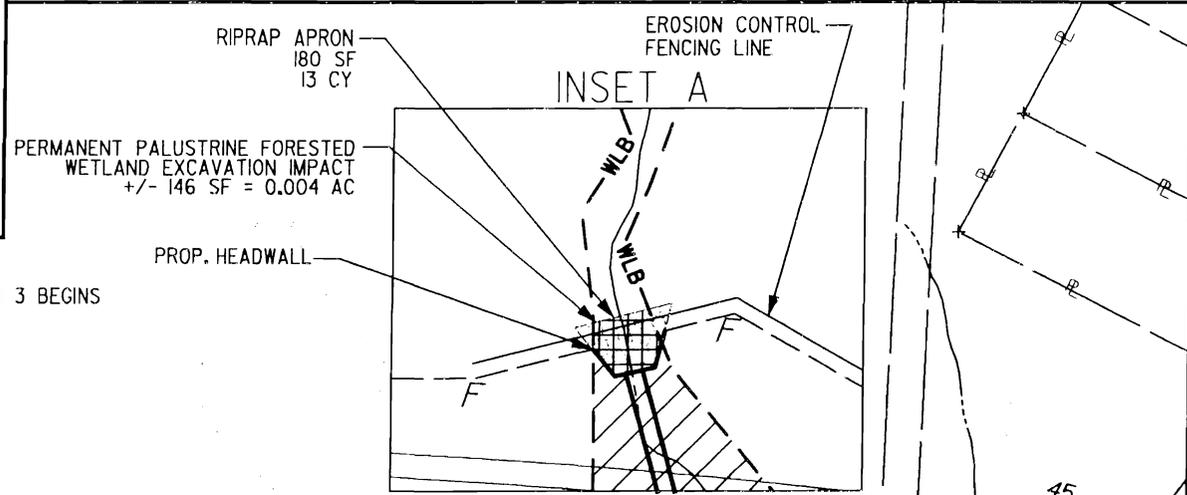
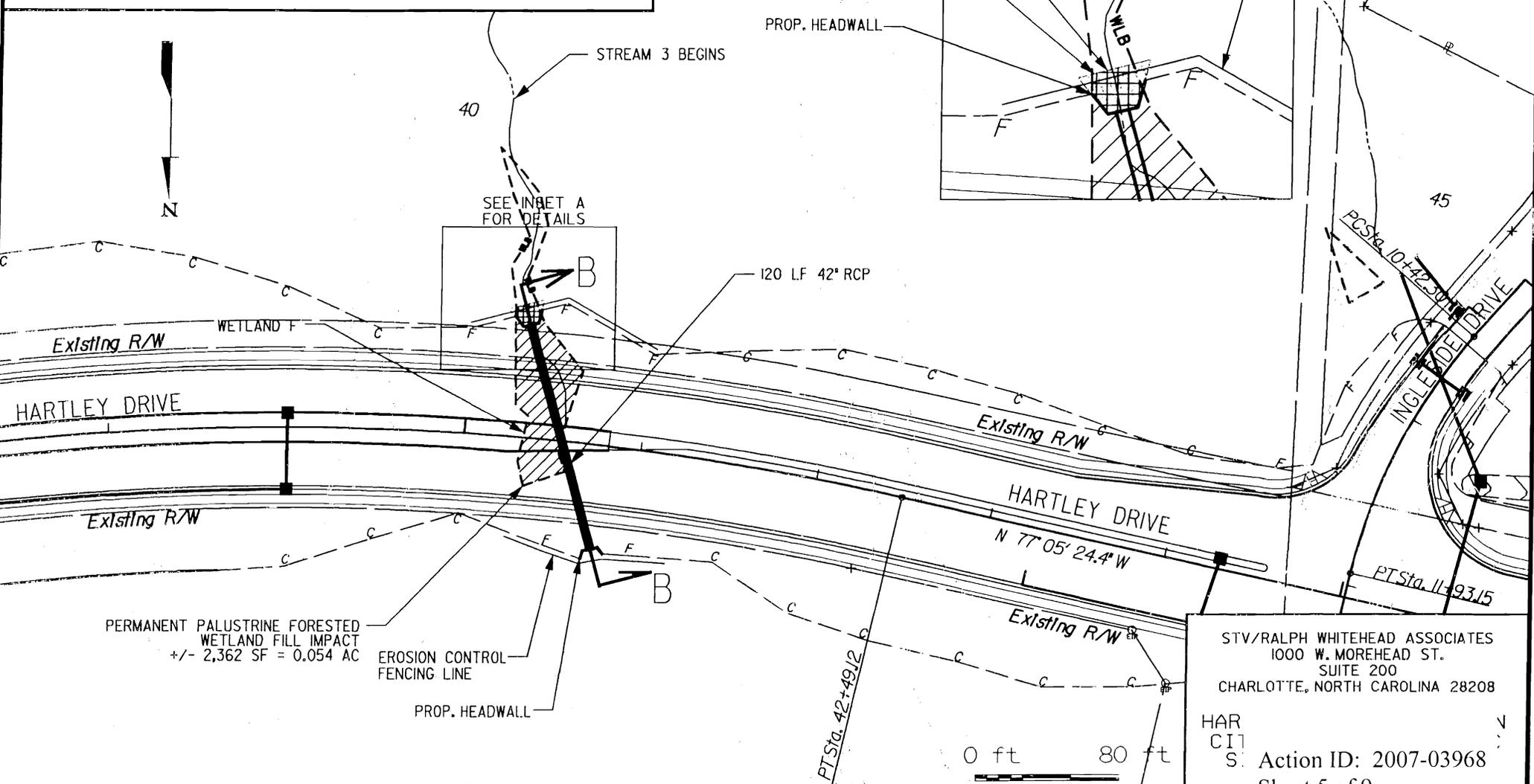
ROUTE: HARTLEY DRIVE

STATE: NORTH CAROLINA

PROJECT#: 3202000, TASK 400

DATE: 06/14/07

SCALE: 1" = 80'



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PT Sta. 42+49/2

PT Sta. 11+93/5

PC Sta. 10+42.50

INGLEDEE DRIVE

HARTLEY DRIVE
 N 77°05'24.4" W

HARTLEY DRIVE

STREAM 3 BEGINS

40

45

SEE INSET A FOR DETAILS

120 LF 42" RCP

Existing R/W

WETLAND F

Existing R/W

Existing R/W

HARTLEY DRIVE

N 77°05'24.4" W

Existing R/W

PERMANENT PALUSTRINE FORESTED WETLAND FILL IMPACT +/- 2,362 SF = 0.054 AC

EROSION CONTROL FENCING LINE

PROP. HEADWALL

B

B



LEGEND

PERMANENT PALUSTRINE FORESTED WETLAND FILL IMPACT (0 AC)



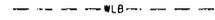
PERMANENT STREAM EXCAVATION IMPACT (0.003 AC; 12 LF)



STREAM FILL IMPACT (0.089 AC; 506 LF)



WETLAND BOUNDARY:



STREAM BOUNDARY:



EROSION CONTROL FENCING LINE:



CONSTRUCTION LIMITS:



APPLICANT: CITY OF HIGH POINT

ACTIVITY: ROADWAY EXTENSION

ROUTE: HARTLEY DRIVE

PROJECT#: 3202000, TASK 400

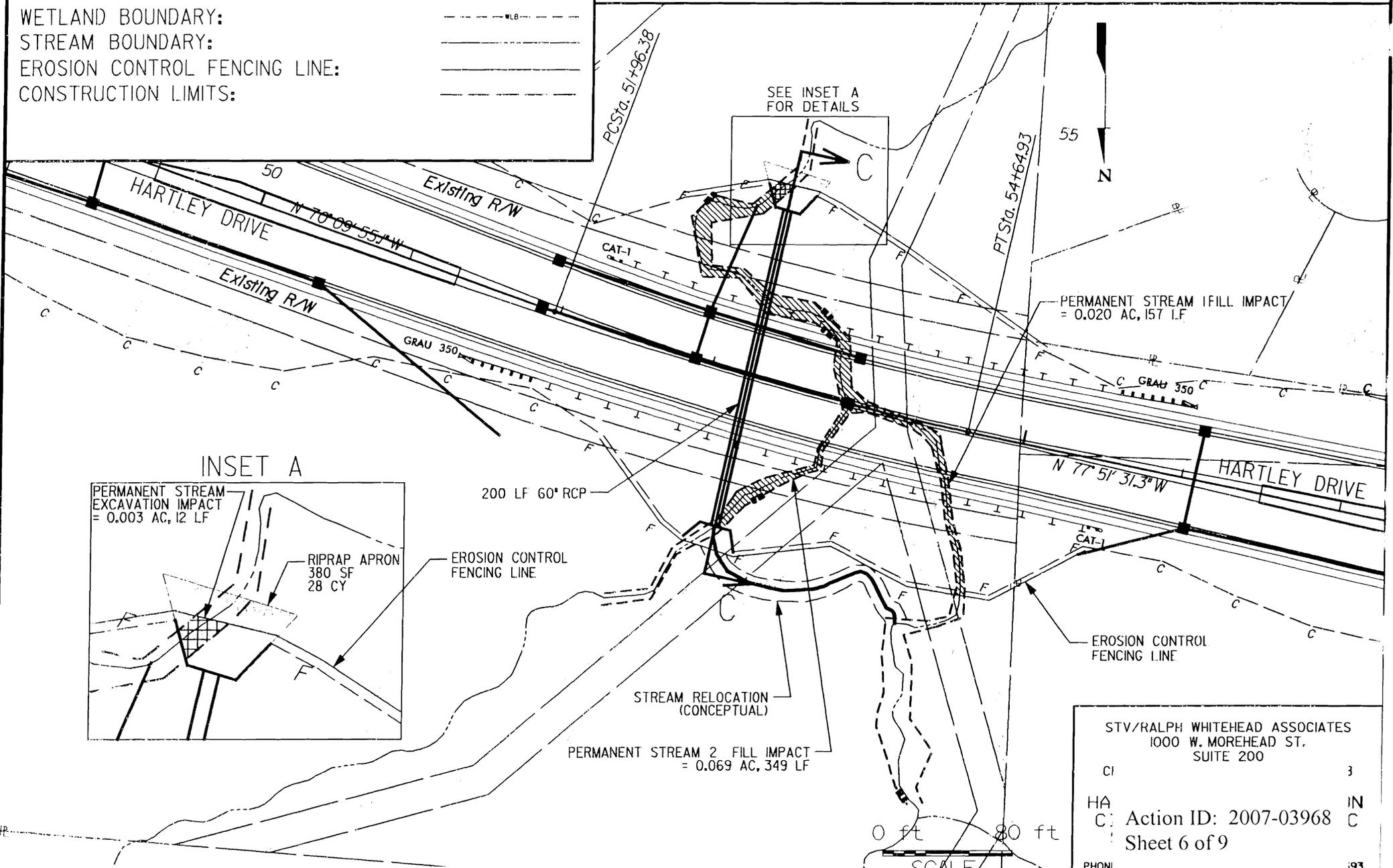
LOCATION: HARTLEY DRIVE

COUNTY: GUILFORD/DAVIDSON

STATE: NORTH CAROLINA

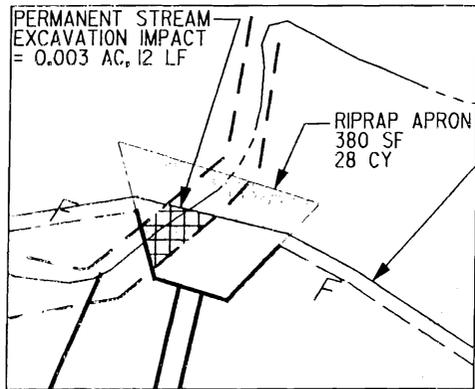
DATE: 06/14/07

SCALE: 1" = 80'



SEE INSET A FOR DETAILS

INSET A



PERMANENT STREAM FILL IMPACT = 0.020 AC, 157 LF

PERMANENT STREAM 2 FILL IMPACT = 0.069 AC, 349 LF

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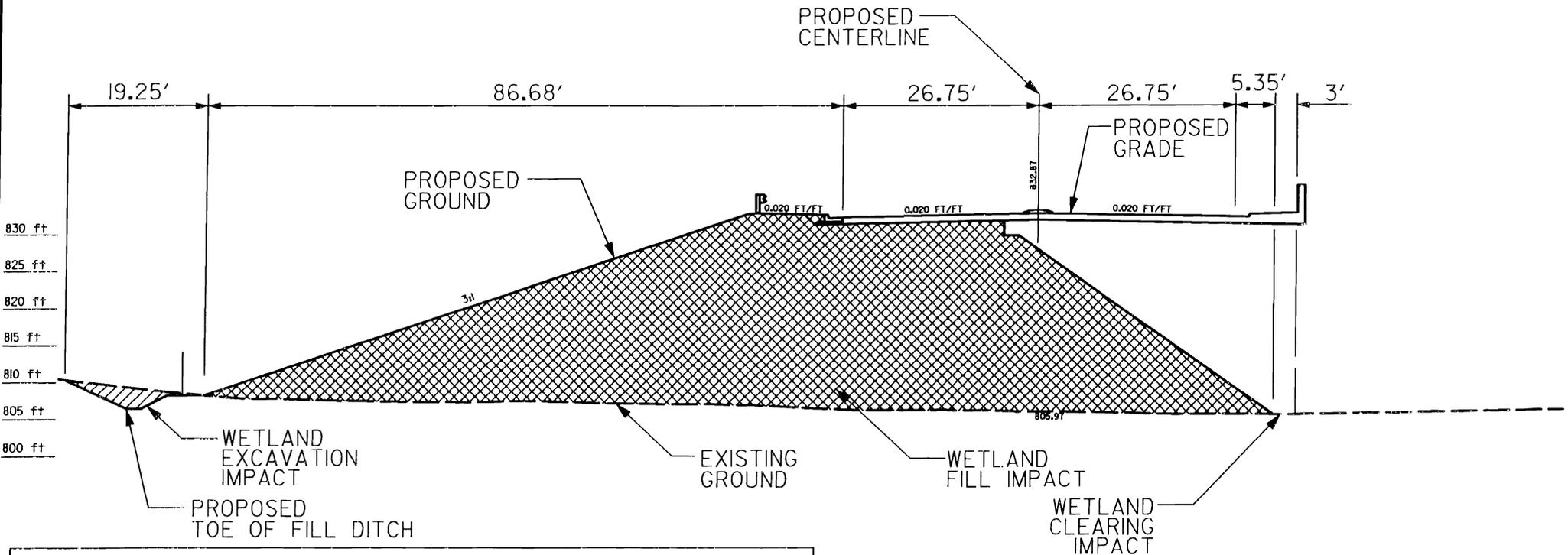
CI 3
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C: Action ID: 2007-03968 C
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PHON: 93

CROSS SECTION

VOLUME OF FILL IN WETLAND CALCULATION

AREA OF WETLAND FILL IMPACT = 11,794 SF
 AVERAGE FILL HEIGHT = 20 FT
 VOLUME OF FILL = 11,794 SF X 20 FT = 235,880 CF
 = 8,736.30 CY

CROSS SECTION A-A
 -HARTLEY- STA. 31+50



VOLUME OF EXCAVATION IN WETLAND CALCULATION

AREA OF WETLAND EXCAVATION IMPACT = 264 SF
 AVERAGE EXCAVATION DEPTH = 3 FT
 VOLUME OF EXCAVATION = 264 SF X 3 FT = 792 CF
 = 29.33 CY

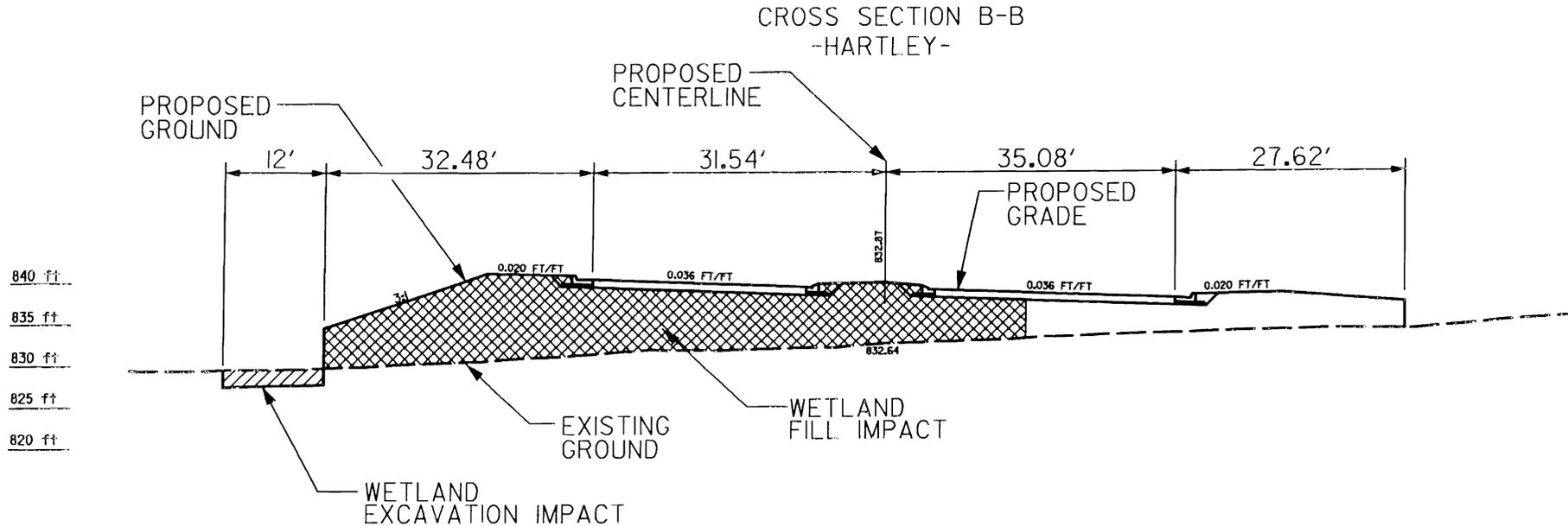


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 1000 W. MOREHEAD ST.
 SUITE 200
 CHARLOTTE, NORTH CAROLINA 28208
 HARTLEY CITY Action ID: 2007-03968
 CROSS SECTION Sheet 7 of 9
 PHONE: 704.366.1111

CROSS SECTION

VOLUME OF FILL IN WETLAND CALCULATION

AREA OF WETLAND FILL IMPACT = 2,362 SF
 AVERAGE FILL HEIGHT = 8 FT
 VOLUME OF FILL = 2,362 SF X 8 FT = 18,896 CF
 = 699.85 CY



VOLUME OF EXCAVATION IN WETLAND CALCULATION

AREA OF WETLAND EXCAVATION IMPACT = 146 SF
 AVERAGE EXCAVATION DEPTH = 2 FT
 VOLUME OF EXCAVATION = 146 SF X 2 FT = 292 CF
 = 10.81 CY

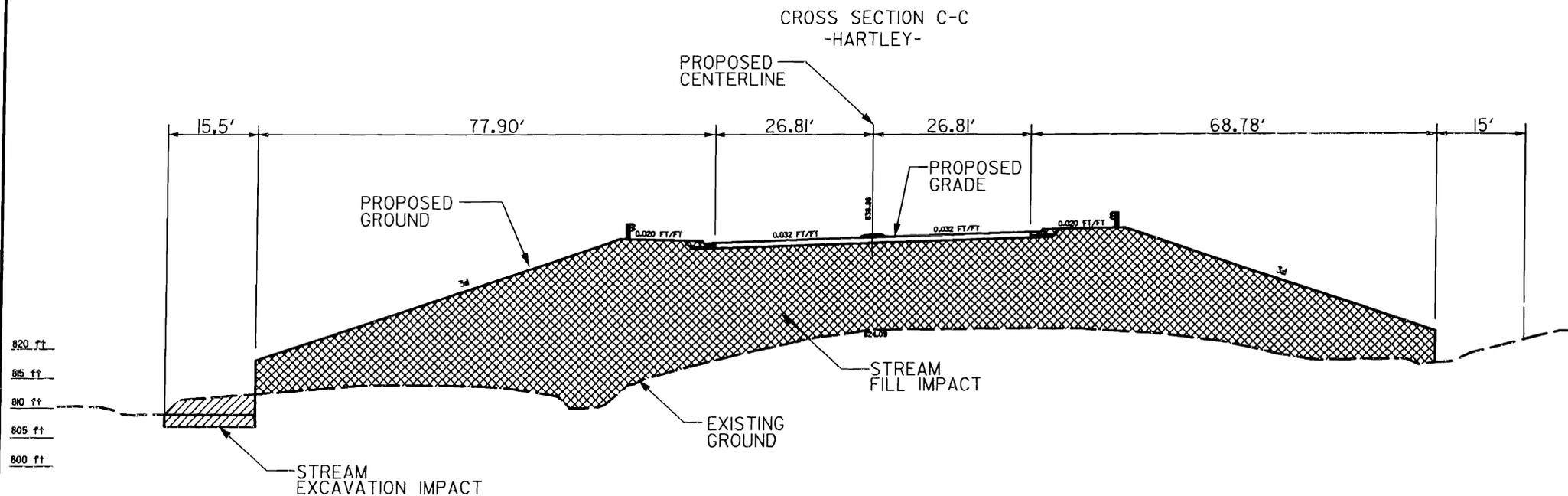


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 HART CITY Action ID: 2007-03968
 CROSS SHEET 8 OF 9
 PHONE # 617/316-7888 FAX # 617/316-3393

CROSS SECTION

VOLUME OF FILL IN STREAM CALCULATION

AREA OF STREAM FILL IMPACT = 0.089 AC = 3,877 SF
 AVERAGE FILL HEIGHT = 18 FT
 VOLUME OF FILL = 3,877 SF X 18 FT = 69,786 CF
 = 2,584.67 CY



VOLUME OF EXCAVATION IN STREAM CALCULATION

AREA OF STREAM EXCAVATION IMPACT = 105 SF
 AVERAGE EXCAVATION DEPTH = 5 FT
 VOLUME OF EXCAVATION = 105 SF X 5 FT = 525 CF
 = 19.44 CY



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