

**JOINT**  
**PUBLIC NOTICE**

**CHARLESTON DISTRICT, CORPS OF ENGINEERS**  
**69A Hagood Avenue**  
**Charleston, South Carolina 29403-5107**  
**and**  
**THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL**  
**Water Quality Certification and Wetlands Section**  
**2600 Bull Street**  
**Columbia, South Carolina 29201**

REGULATORY DIVISION  
Refer to: P/N SAC 2016-1395

April 4, 2018

Pursuant to Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344), the South Carolina Coastal Zone Management Act (48-39-10 et. seq.), and the S.C. Construction in Navigable Waters Permit Program (R. 19-450, et. seq., 1976 S.C. Code of Laws, as amended), an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

**Mr. Jeff McWhorter**  
**Palmetto Railways**  
**540 East Bay Street**  
**Charleston, SC 29403**

for a permit to discharge fill material into waters of the U.S., including wetlands associated with

**Bulltown Ditch, the Diversion Canal (between Lake Marion and Lake Moultrie), and  
tributaries to Caton Creek and Black Creek**

located within a linear corridor approximately 22.7 miles long, varying in width, connecting the CSXT Cross Subdivision near the Santee Cooper Cross Generating Station and the Camp Hall Commerce Park. The corridor will travel south and west, crossing the Diversion Canal between Lakes Marion and Moultrie, continue through the unincorporated community of Cross, split, and end with two tracks (Camp Hall Track and the Volvo Lead Track) on the Camp Hall Commerce Park site in Berkeley County, South Carolina (Begin: Latitude: 33.40422 °N, Longitude: -80.09814 °W; End Camp Hall Track: Latitude: 33.14241 °N, Longitude: -80.25723 °W, End Volvo Lead Track: Latitude: 33.14160 °N, Longitude: -80.23976 °W).

In order to give all interested parties an opportunity to express their views

**NOTICE**

is hereby given that written statements regarding the proposed work will be received by the **Corps** and **SCDHEC** until

**NOON, MAY 4, 2018**

from those interested in the activity and whose interests may be affected by the proposed work.

Proposed Project & Proposed Impacts to Waters of the US:

The proposed work consists of constructing an industrial rail line, connecting the CSXT Cross Subdivision near the Santee Cooper Cross Generating Station and the Camp Hall Commerce Park. The proposed project corridor is approximately 22.7 miles long, varying in width, and will travel south and west, crossing the Diversion Canal between Lakes Marion and Moultrie, through the unincorporated community of Cross, and then ultimately split and end with two tracks (Camp Hall Track and the Volvo Lead Track) on the Camp Hall Commerce Park site. The proposed rail line will service the new Volvo Cars manufacturing facility, as well as future proposed development within the Camp Hall Commerce Park. In detail, the applicant proposes to impact approximately 120.01 acres of wetlands and 537.20 linear feet of non-wetland waters of the United States. Specifically, permanent cut/fill is proposed in 103.12 acres of wetlands and mechanical clearing is proposed in 16.89 acres. Permanent pipe is proposed in 315.20 linear feet of non-wetland waters and permanent morphological impact is proposed in 222 linear feet of non-wetland waters of the United States.

Proposed Compensatory Mitigation:

The applicant has proposed to mitigate for impacts to wetlands and waters of the United States by providing a combination of Permittee Responsible Mitigation and mitigation bank credits. For impacts within the Four Hole Swamp watershed, the applicant proposes to purchase wetland mitigation bank credits from the Francis Beidler Forest Mitigation Bank. For impacts within the Cooper River watershed, PRM is proposed at the Fairlawn C1 Parcel site, a 1,550-acre site within the Francis Marion National Forest. Mitigation activities at the Fairlawn C1 Parcel site include the enhancement of 697 acres of wetlands and the preservation of 43 acres of wetlands. The Fairlawn C1 Parcel will be transferred to the United States Forest Service, which will permanently protect the site and make open to the public 1,300 acres of land, including 740 acres of wetlands.

Project Purpose:

The project purpose, as stated by the applicant, is to:

*locate, build, own and operate an industrial rail line that will connect the existing Class 1 rail line with the Camp Hall Commerce Park. The need for the Proposed Project derives from the development of the Camp Hall Commerce Park, which has increased the demand for rail service to interconnect the commerce park with an existing Class 1 rail network, in a manner that is logically feasible to better serve the need of the future tenants and industry with the Camp Hall Commerce Park for transportation, distribution and logistics. These tenants include, but are not limited to Volvo Cars, as well as any associated support industries that might desire to locate in proximity to Volvo Cars in the future.*

Alternatives Analysis (provided by the applicant):

*A detailed Alternatives Analysis was conducted to evaluate potential routes from existing Class 1 rail lines into the Camp Hall Commerce Park. The alternatives analysis reviewed potential impact environmental, economic, and socioeconomic resources, as well as cultural resources. Six alternative route alignments were considered under Level 1 of the alternatives analysis, with four alignments being advanced to Level 2 of the alternatives analysis. It was determined that the Cross option, beginning near Santee Cooper's Cross Generating Station and terminating at the Camp Hall Commerce Park, was the preferred alternative. Three separate Cross Route*

*alignments were analyzed in Level 3 of the alternatives analysis, and Cross Route 3 (Proposed Project) is proposed as the most practical route with the least amount of overall impacts, as judged by the potential impacts to environment, economic, and socioeconomic resources.*

Avoiding and Minimizing Impacts to Aquatic Resources:

The applicant has indicated that avoidance and minimization measures include the following:

- Designing Camp Hall Commerce Park Rail Spur to minimize impacts to waters of the U.S.;
- Limiting the placement of pilings for bridges within waters, where possible;
- Designing culverts and bridges to maintain existing flow/ exchange and hydrology for wetlands and other aquatic area;
- A variety of post-construction stormwater BMPs will be used to convey, filter, and dissipate runoff from the new rail line, including but not limited to: vegetated swales, vegetated filter strips, stream bank stabilization, and channelized flow dissipation;
- Implement a Stormwater Pollution Prevention Plan (SWPPP) as required by the industrial storm water National Pollutant Discharge Elimination System (NPDES) permit;
- Erosion prevention BMPs that may be implemented include dust control, mulching, blown straw, hydro-mulching/seeding, erosion control blankets, turf reinforcement mats, and outlet protection (i.e. rip-rap), temporary seeding, sediment tubes, sediment tube slope breaks (slopes greater than 50 feet in length), flexible growth medium (FGM) or engineered fiber medium (EGM) (i.e. Flexterra), and/or other devices as prescribed by the design engineer;
- Runoff control and conveyance BMPs that may be implemented include diversion ditches/dikes, pipe slope drains, drainage swales, and level spreader and/or other devices as prescribed by the design engineer.
- Sediment control BMPs that may be implemented include sediment basins, sediment traps, silt fences, ditch checks, stabilized construction entrances, storm drain inlet protection, and sediment tubes and/or other devised as prescribed by the design engineer;
- All construction BMPs will be designed, implemented, and maintained per the guidance in the SCDHEC Storm Water Management BMP Handbook (August 2005). Obtain a NPDES Phase II Construction General Permit (CGP) to address water quality and quantity;
- Design culverts and/or bridges to maintain existing surface water drainage patterns and to prevent erosion;
- Design culverts and/or bridges to allow aquatic organisms to pass relatively unhindered;
- Adhere to Berkeley County's stormwater regulations associated with the specific implementation of various stormwater management facilities (i.e. ditches, culverts, secondary collection systems, etc.);
- Culverts and bridges will be designed to maintain existing flow and hydrology for wetland areas and to prevent flooding upstream. Road culverts will be designed to the 25-year storm event;
- Drainages located within FEMA regulated floodplains (Zone A Special Flood Hazard Area) will be designed to carry the 100-year storm event.

**NOTE: This public notice and associated plans are available on the Corps' website at:**  
<http://www.sac.usace.army.mil/Missions/Regulatory/PublicNotices>.

Background:

On August 3, 2017, Palmetto Railways filed a petition for exemption with the Surface Transportation Board (Board) pursuant to 49 U.S.C. §§ 10502 and 10901 in Docket No. FD 36095. As a result of this petition, the Board's Office of Environmental Analysis (OEA) together with the United States Army Corps of Engineers (Corps), as joint lead agencies, began to evaluate the potential environmental effects of the proposed project, including any reasonable and feasible alternatives to the proposed route pursuant to the National Environmental Policy Act of 1969 (NEPA), as amended (42 U.S.C. § 4321 et seq.), the Board's environmental rules at 49 C.F.R. § 1105, the Section 404(b)(1) Guidelines of the Clean Water Act (40 C.F.R. Part 230), and other applicable federal and state laws. A project specific website was created to provide the general public information pertaining to the project and the environmental review process and can be found at:

<http://www.camphallrailnepa.com/>

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The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. The work shown on this application must also be certified as consistent with applicable provisions of the Coastal Zone Management Program (15 CFR 930). This activity may also require evaluation for compliance with the S. C. Construction in Navigable Waters Permit Program. State review, permitting and certification is conducted by the S. C. Department of Health and Environmental Control. The District Engineer will not process this application to a conclusion until such certifications are received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review.

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This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 120 acres upstream of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the shrimp, and snapper-grouper management complexes. The District Engineer's initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). The District Engineer's final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

Pursuant to the Section 7 of the Endangered Species Act of 1973 (as amended), the Corps and the Surface Transportation Board's Office of Environmental Analysis have reviewed the project area, examined all information provided by the applicant, and have determined, based on the most recently available information that the project would have no effect to West Indian Manatee (*Trichechus manatus*), frosted flatwoods salamander (*Ambystoma cingulatum*),



American chaffseed (*Schwalbea Americana*), American wood stork (*Mycteria Americana*), pondberry (*Lindera melissifolia*) and Canby's dropwort (*Oxypolis canbyi*).

Furthermore, the Corps and the Surface Transportation Board's Office of Environmental Analysis have determined based on the most recently available information that the proposed project would not likely adversely affect the red-cockaded woodpecker (*Picoides borealis*), Northern long eared bat (*Myotis septentrionalis*), Atlantic sturgeon (*Acipenser oxyrinchus*) and the shortnose sturgeon (*Acipenser brevirostrum*). This public notice serves as a request for written concurrence from the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service on this determination.

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

In accordance with Section 106 of the NHPA, consultation with the South Carolina State Historic Preservation Office has commenced for the proposed project and it has been determined that historical architectural resources, eligible for inclusion in the National Register of Historic Places (NRHP), are present in and proximate to the proposed rail line right-of-way; moreover, these historic properties may be adversely affected by the undertaking. This public notice serves to notify the State Historic Preservation Office, and other interested parties, that the Corps, in consultation with the Surface Transportation Board's Office of Environmental Analysis, plans to develop a Memorandum of Agreement (36 CFR 800.6) to mitigate the adverse effects. Individuals or groups who would like to be consulting parties for the purposes of the NHPA should make such a request to the Corps and/or the Board's OEA, in writing, within 30 days of this public notice. To ensure that other historic properties that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State Historic Preservation Office and other interested parties to provide any information they may have with regard to historic properties and/or potential consulting parties.

The District Engineer's final NRHP-eligibility and NHPA effects determination will be based upon coordination with the SHPO and/or THPO, as appropriate and required and with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within the Corps-identified permit area.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. 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 project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project 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, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps cannot undertake to adjudicate rival claims.

The Corps is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for this project. 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 and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity. **Please submit comments in writing, identifying the project of interest by public notice number, to the following address:**

**U.S. Army Corps of Engineers  
ATTN: Elizabeth Williams  
Regulatory Division  
69A Hagood Avenue  
Charleston, South Carolina 29403-5107**

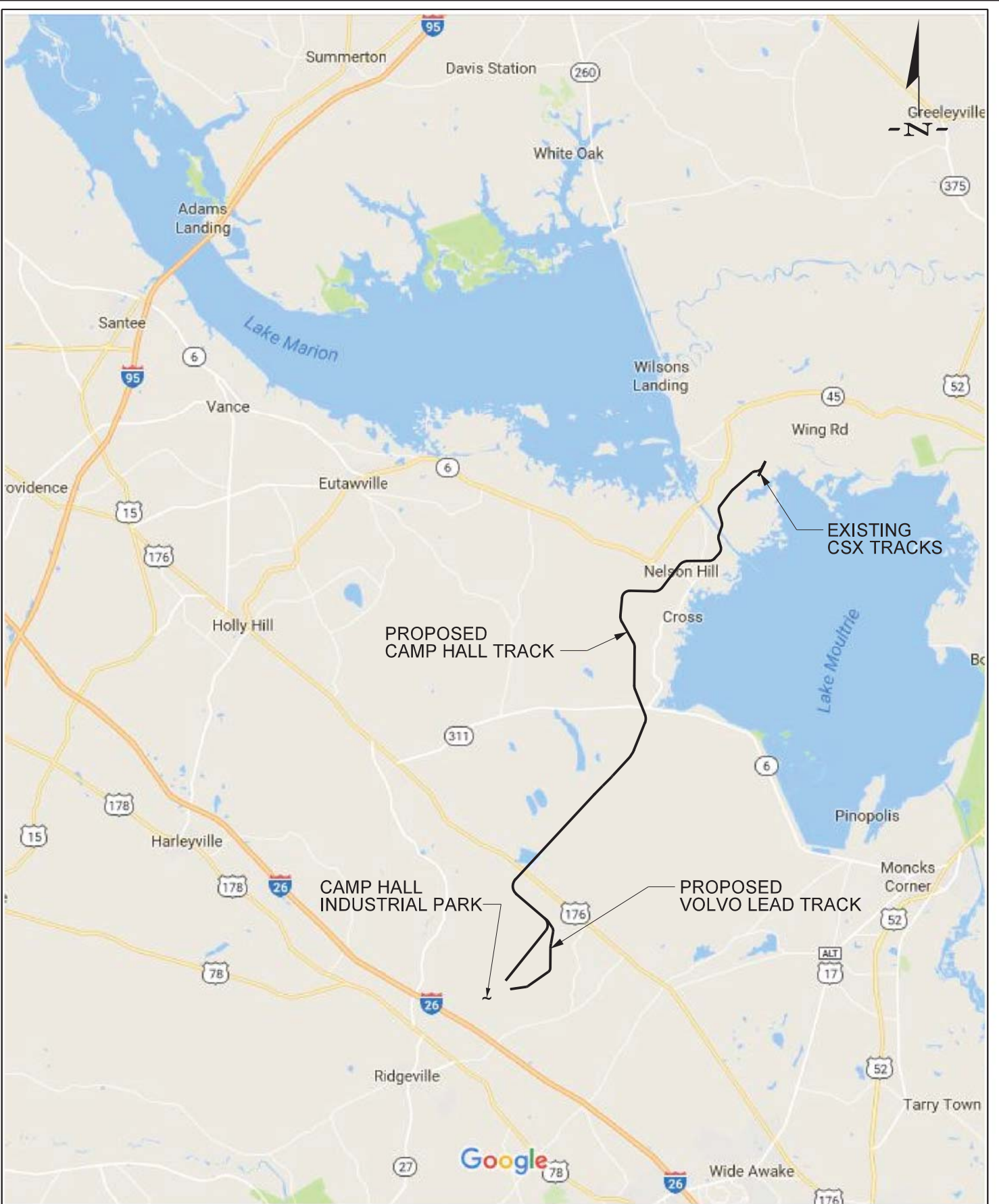
If there are any questions concerning this public notice, please contact Elizabeth Williams, Project Manager, at 843-329-8044 or toll free at 1-866-329-8187.

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In addition, if you would like to submit comments to the Office of Environmental Analysis (OEA), Surface Transportation Board (STB) regarding the proposed project, please send comments in writing to the following address:

Ms. Diana Wood  
OEA-STB  
c/o ICF  
9300 Lee Highway  
Fairfax, VA 22031

**PLEASE NOTE: When an individual chooses to submit comments, his or her personal contact information (if included), is considered public information and can be shared within and outside of STB and/or the U.S. Army Corps of Engineers without additional authorization.**



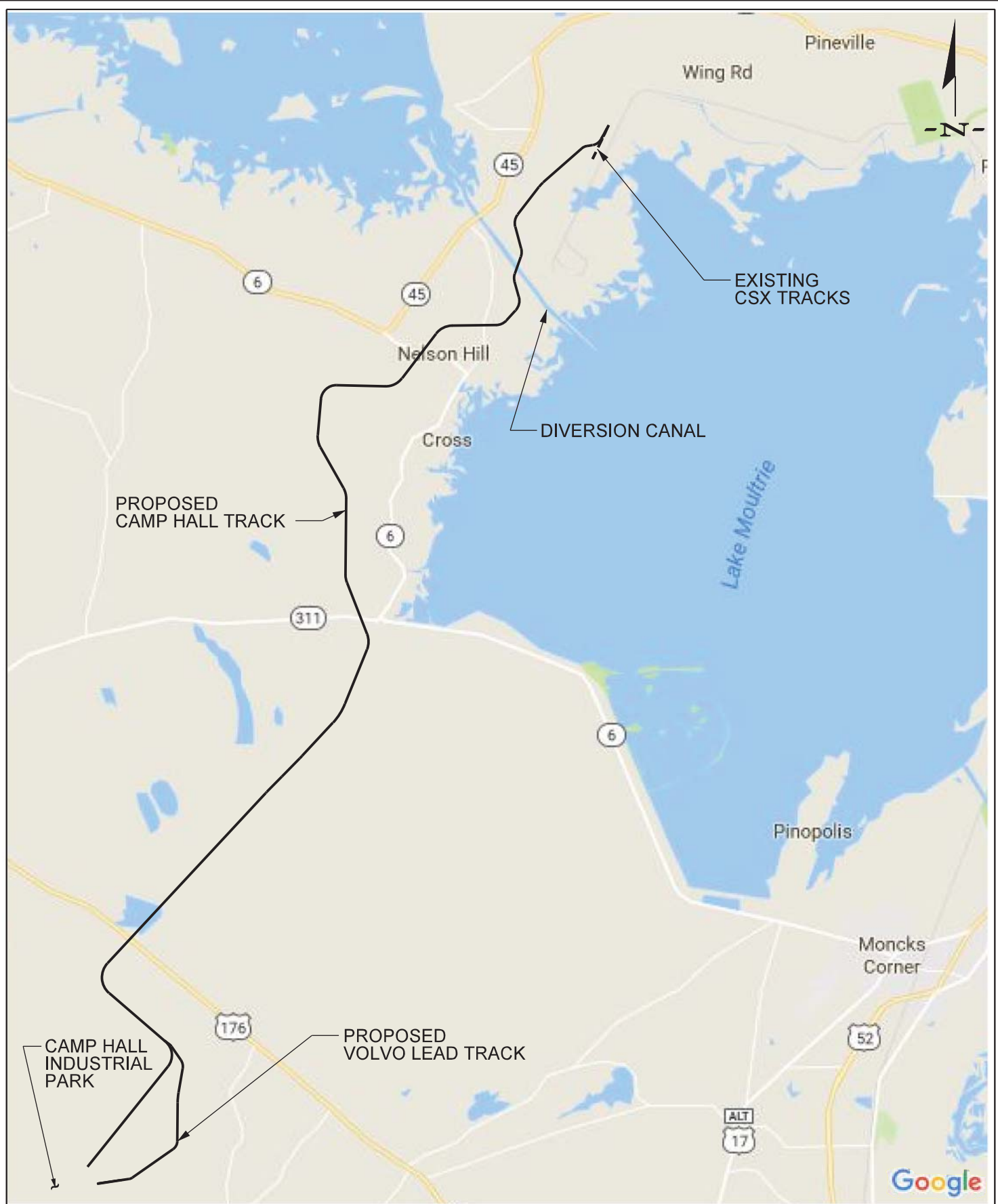

APPLICANT: PALMETTO RAILWAYS



# VICINITY MAP

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
 APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
 APPLICATION # \_\_\_\_\_ SAC-2016-01395  
 DATE: MARCH 2018



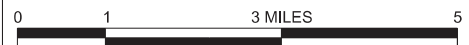


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# LOCATION MAP

PALMETTO RAILWAYS  
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# PROJECT IMPACTS TO WATERS OF THE UNITED STATES

IMPACTS	JURISDICTIONAL WETLAND (ACRES)	NON-WETLAND WATER (LF)
PERMANENT WETLAND IMPACT (CUT/FILL)	103.12	----
MECHANICAL CLEARING WETLAND IMPACT	16.89	----
PERMANENT CULVERT IMPACT NON-WETLAND WATER	----	----
PERMANENT PIPE IMPACT NON-WETLAND WATER	----	315.20
PERMANENT MORPHOLOGIC IMPACT NON-WETLAND WATER	----	222.00
<b>TOTAL IMPACTS</b>	<b>120.01</b>	<b>537.20</b>



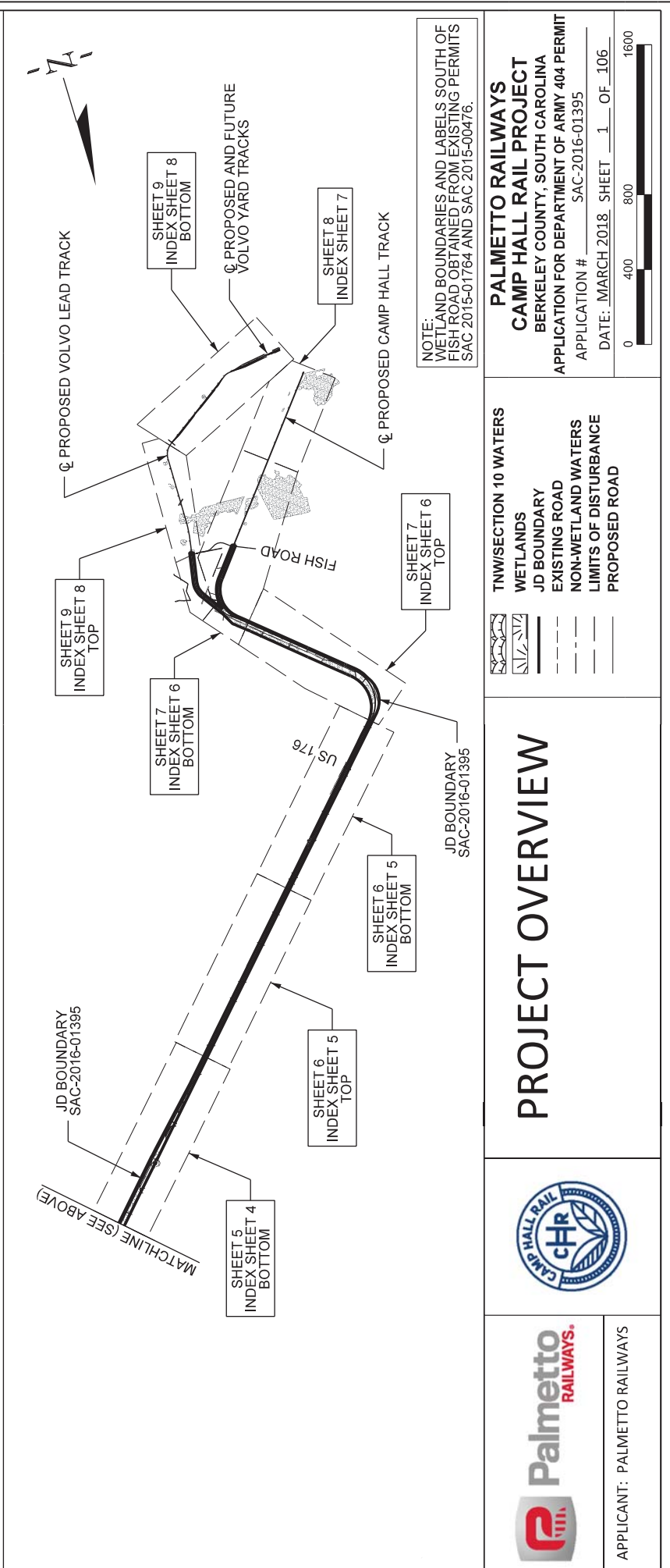
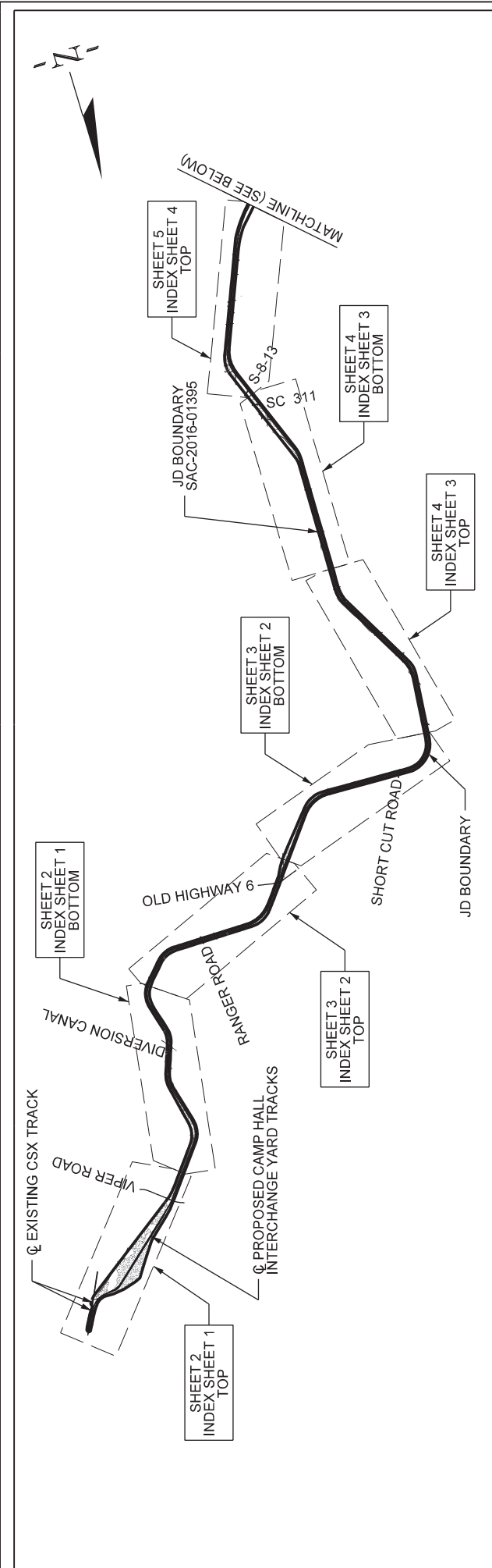
APPLICANT: PALMETTO RAILWAYS



## IMPACT SUMMARY

**PALMETTO RAILWAYS**  
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 DATE: MARCH 2018





NOTE: WETLAND BOUNDARIES AND LABELS SOUTH OF FISH ROAD OBTAINED FROM EXISTING PERMITS SAC 2015-01764 AND SAC 2015-00476.

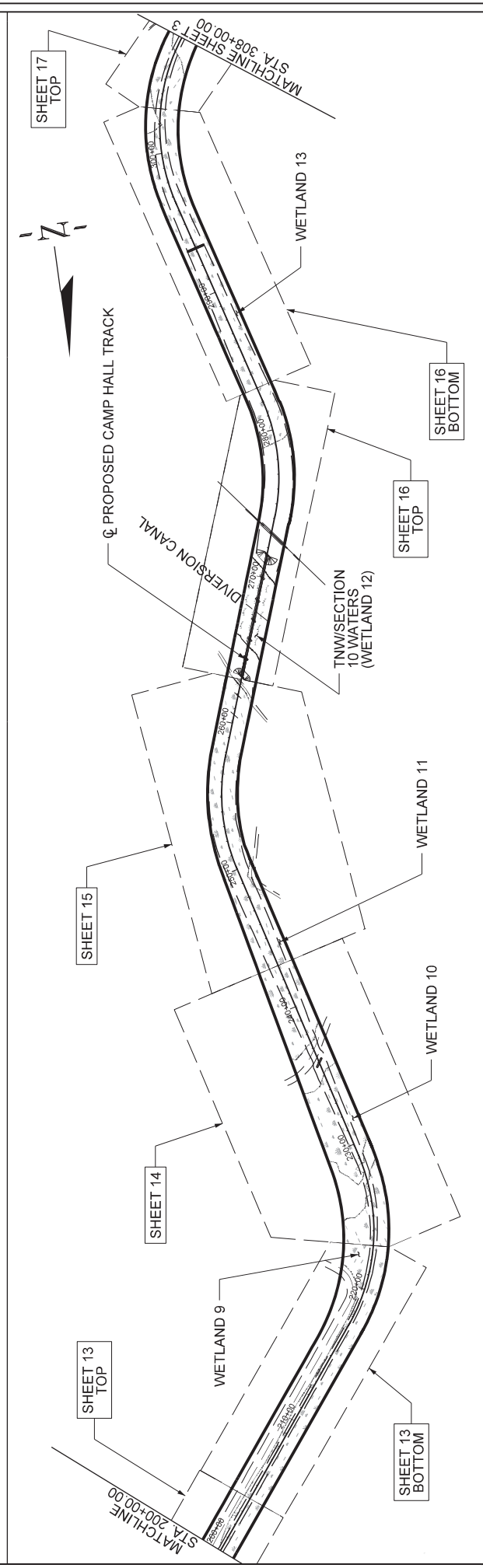
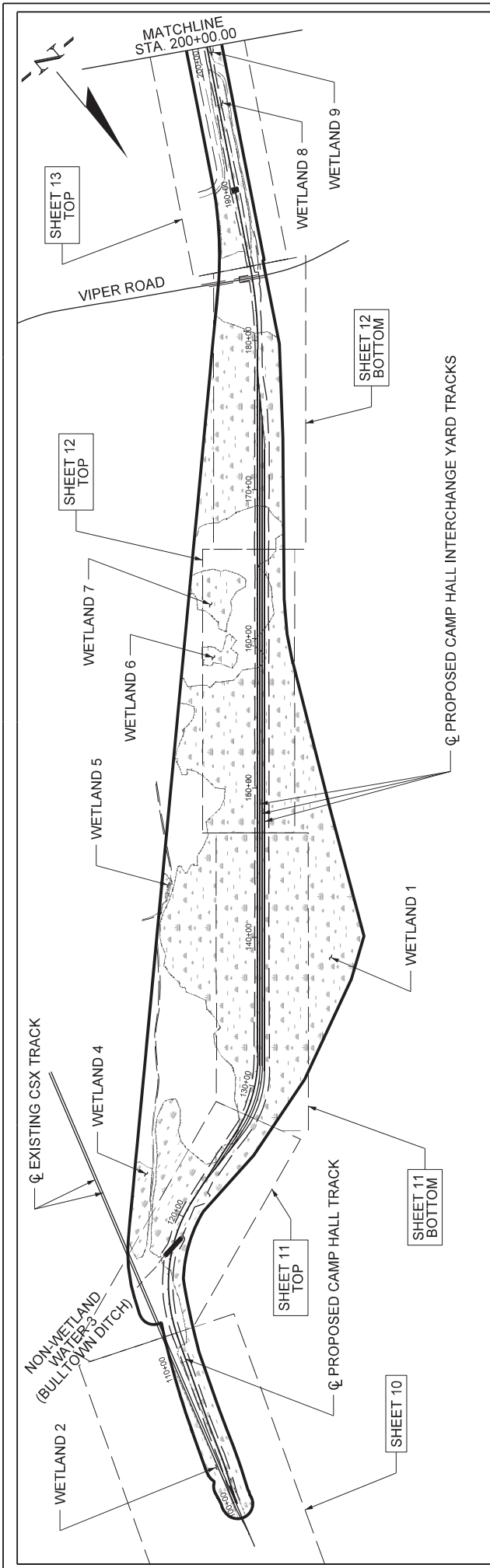
**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
 APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
 APPLICATION # SAC-2016-01395  
 DATE: MARCH 2018 SHEET 1 OF 106




**TN/SECTION 10 WATERS**  
 WETLANDS  
 JD BOUNDARY  
 EXISTING ROAD  
 NON-WETLAND WATERS  
 LIMITS OF DISTURBANCE  
 PROPOSED ROAD

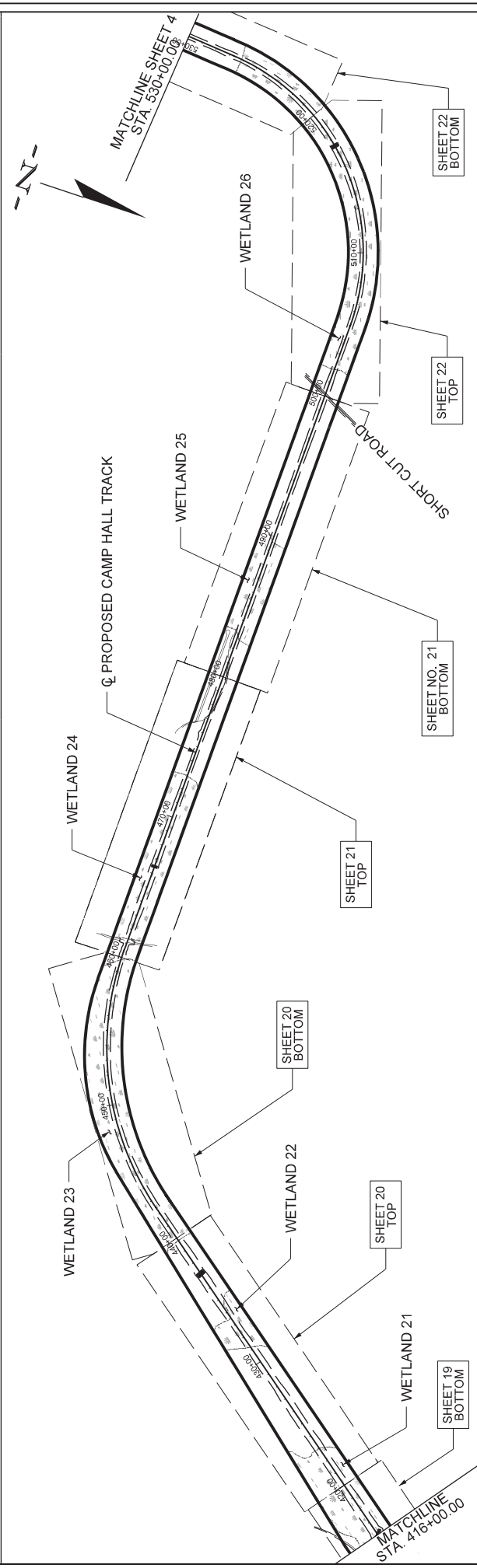
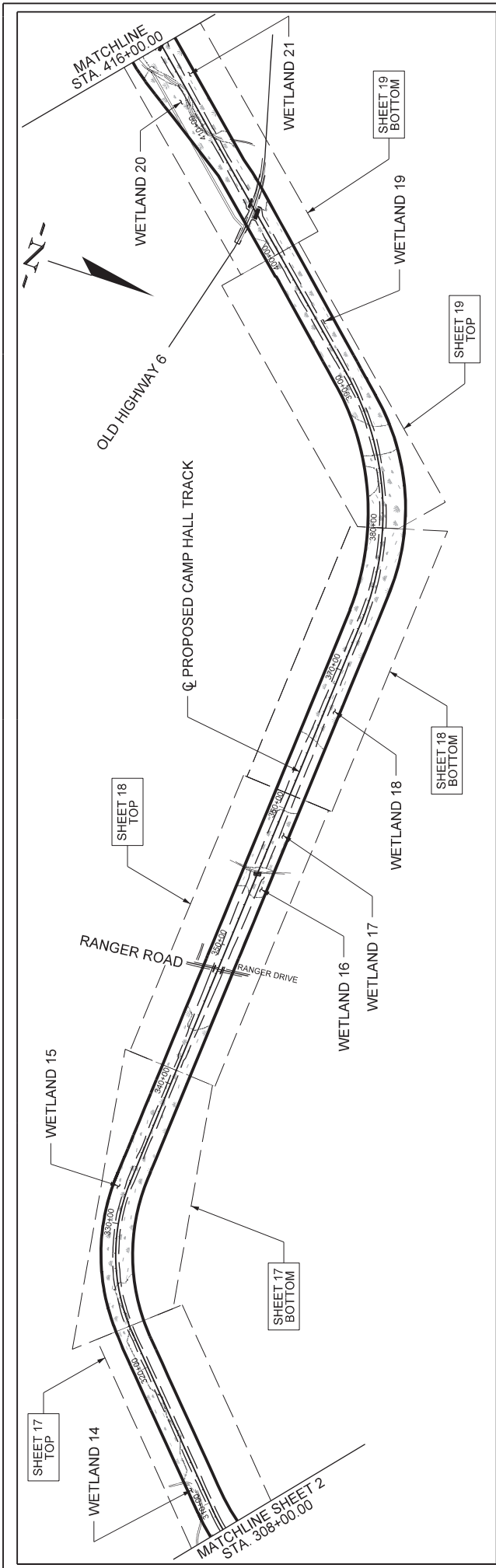
# PROJECT OVERVIEW






**Palmetto RAILWAYS**  
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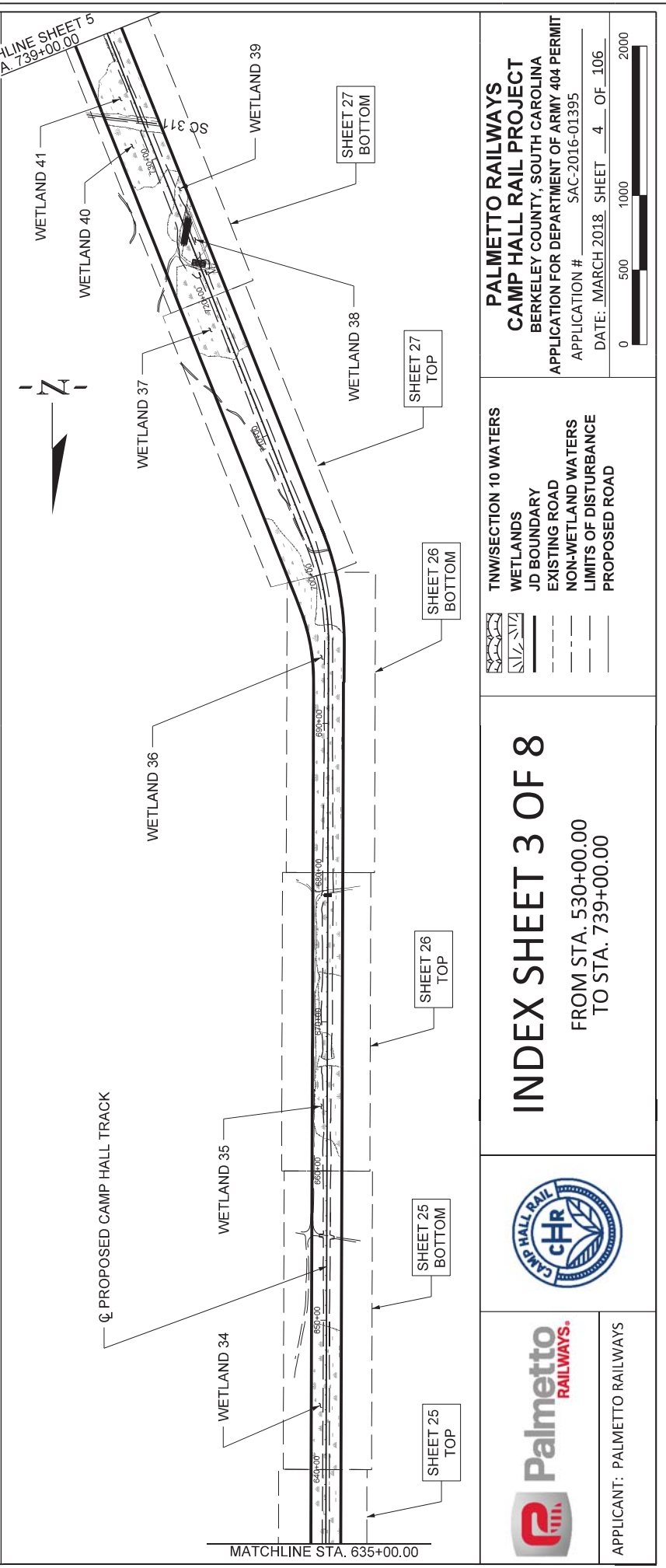
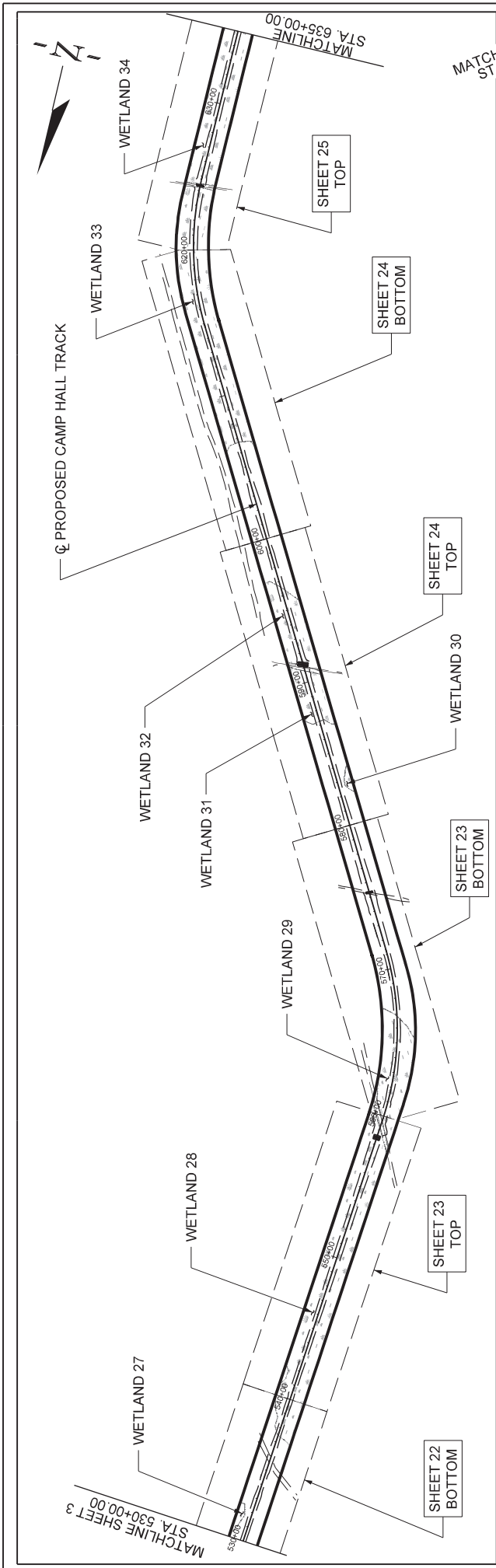


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<p><b>PALMETTO RAILWAYS</b>  <b>CAMP HALL RAIL PROJECT</b>          BERKELEY COUNTY, SOUTH CAROLINA          APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT          APPLICATION # SAC-2016-01395          DATE: MARCH 2018, SHEET 2 OF 106</p>		
		



 <p><b>Palmetto</b> RAILWAYS.</p>		<h2 style="margin: 0;">INDEX SHEET 2 OF 8</h2> <p style="margin: 0;">FROM STA. 308+00.00 TO STA. 530+00.00</p>
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<p>APPLICANT: PALMETTO RAILWAYS</p>		





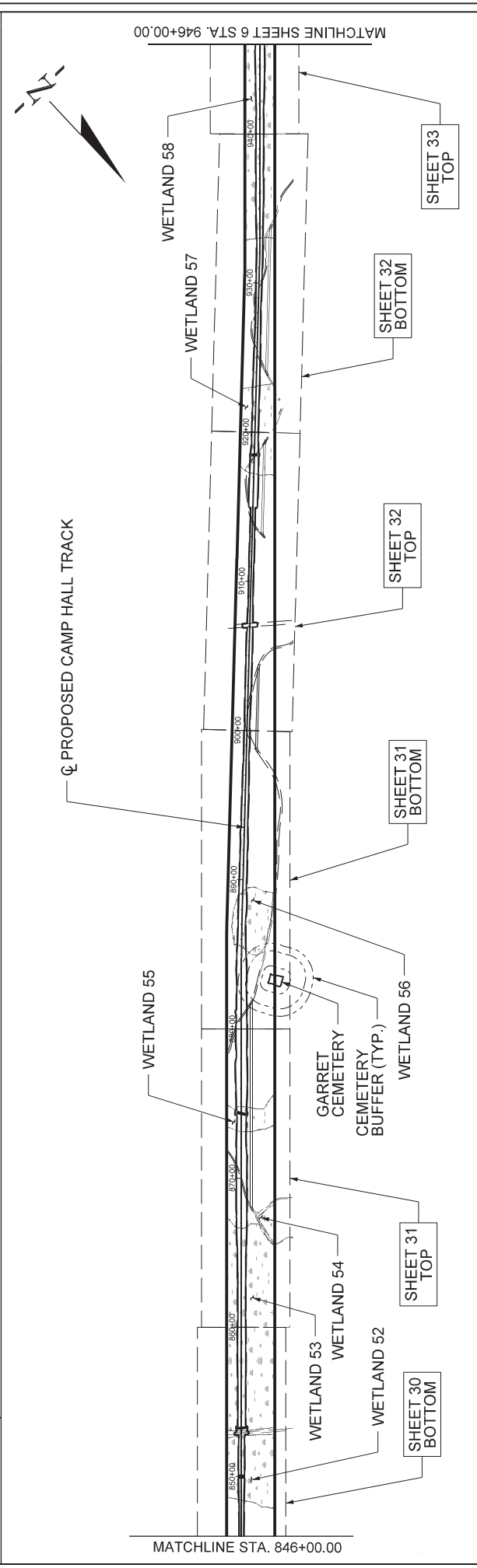
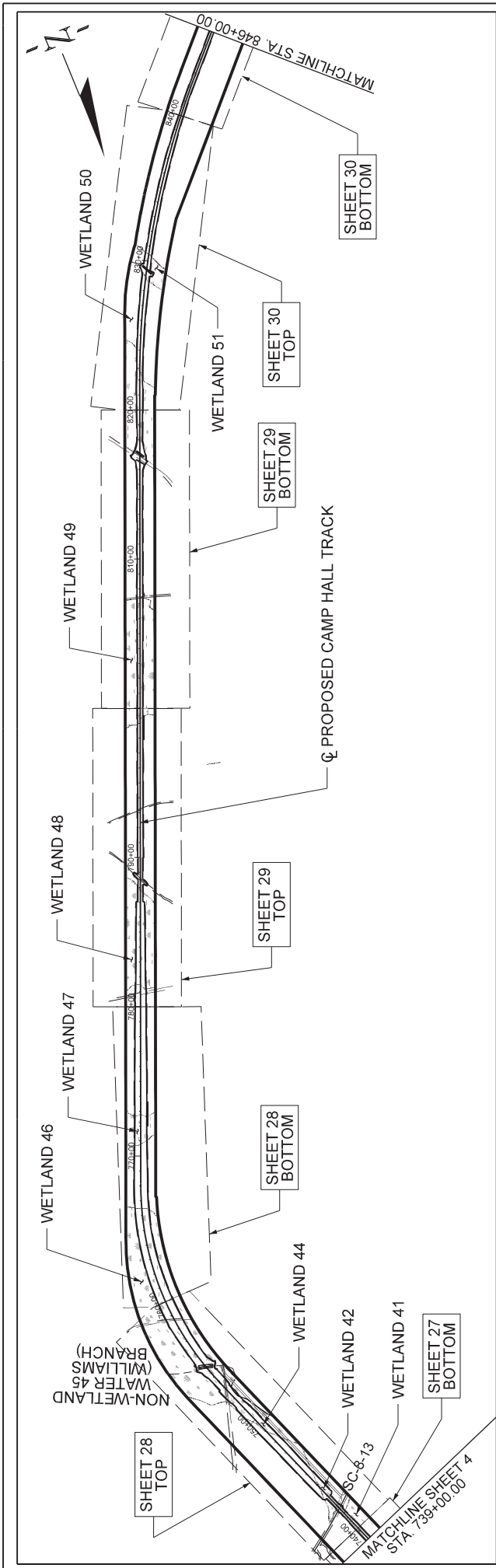
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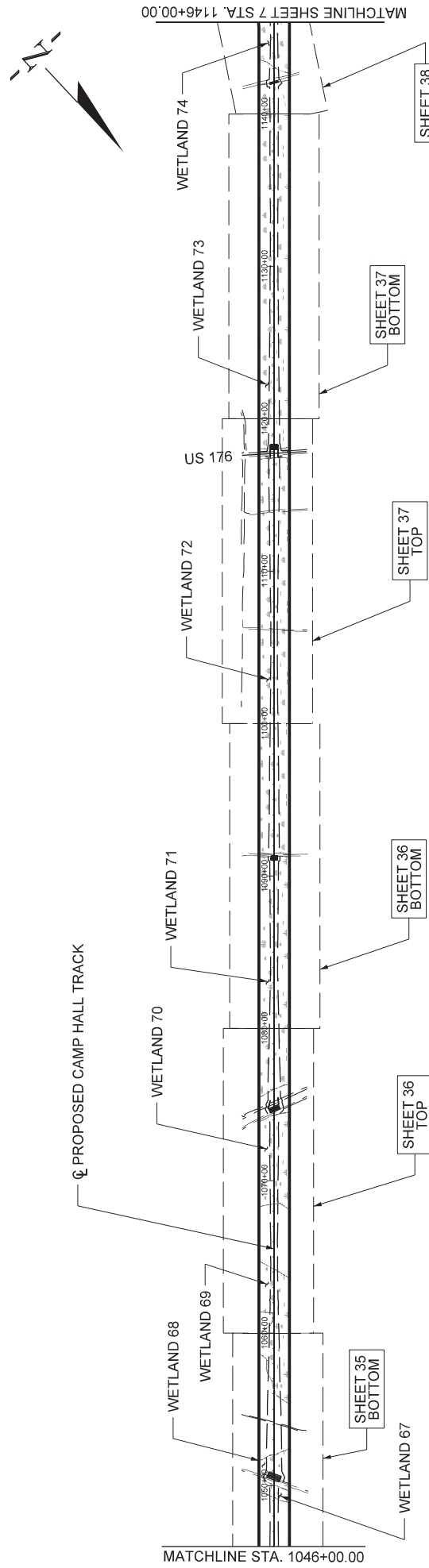
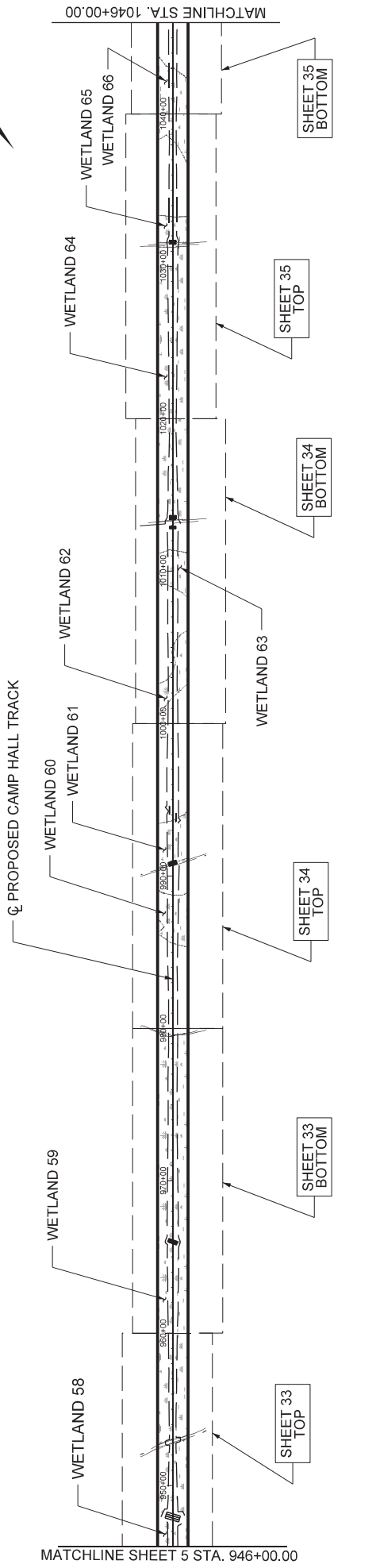
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**Palmetto RAILWAYS.**  
 APPLICANT: PALMETTO RAILWAYS



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<p style="margin: 0;">APPLICANT: PALMETTO RAILWAYS</p>			



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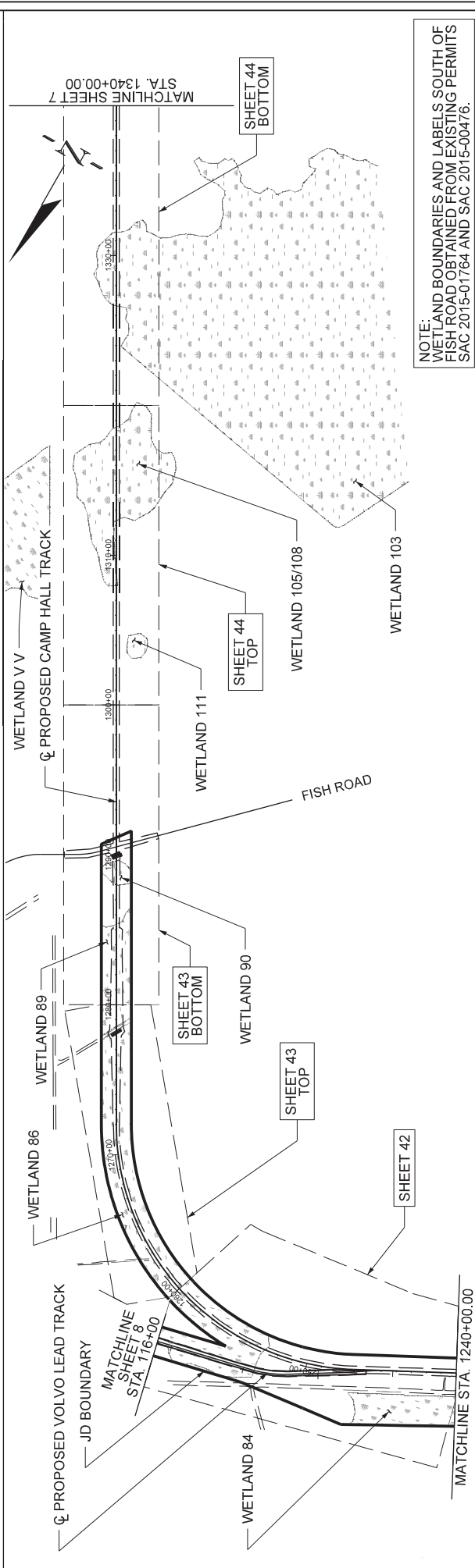
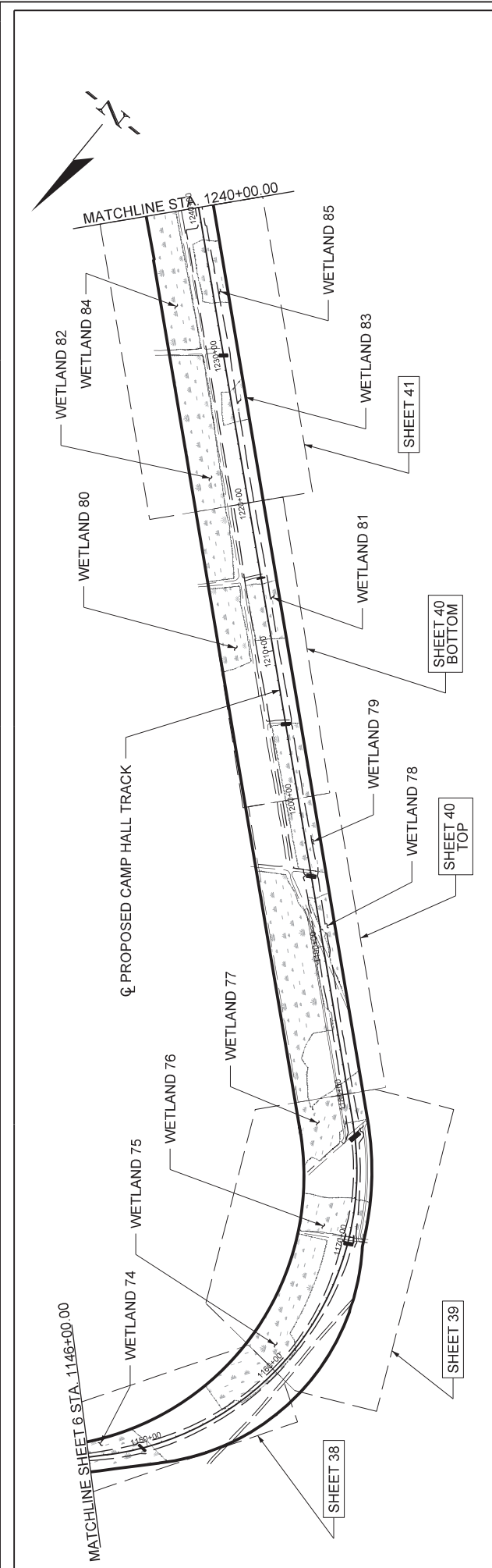
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**INDEX SHEET 5 OF 8**  
 FROM STA. 946+00.00  
 TO STA. 1146+00.00



**Palmetto RAILWAYS.**  
 APPLICANT: PALMETTO RAILWAYS





NOTE: WETLAND BOUNDARIES AND LABELS SOUTH OF FISH ROAD OBTAINED FROM EXISTING PERMITS SAC 2015-01764 AND SAC 2015-00476.

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
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 APPLICATION # SAC-2016-01395  
 DATE: MARCH 2018 SHEET 7 OF 106

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**TN/SECTION 10 WATERS**

	WETLANDS
	JD BOUNDARY
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	NON-WETLAND WATERS
	LIMITS OF DISTURBANCE
	PROPOSED ROAD

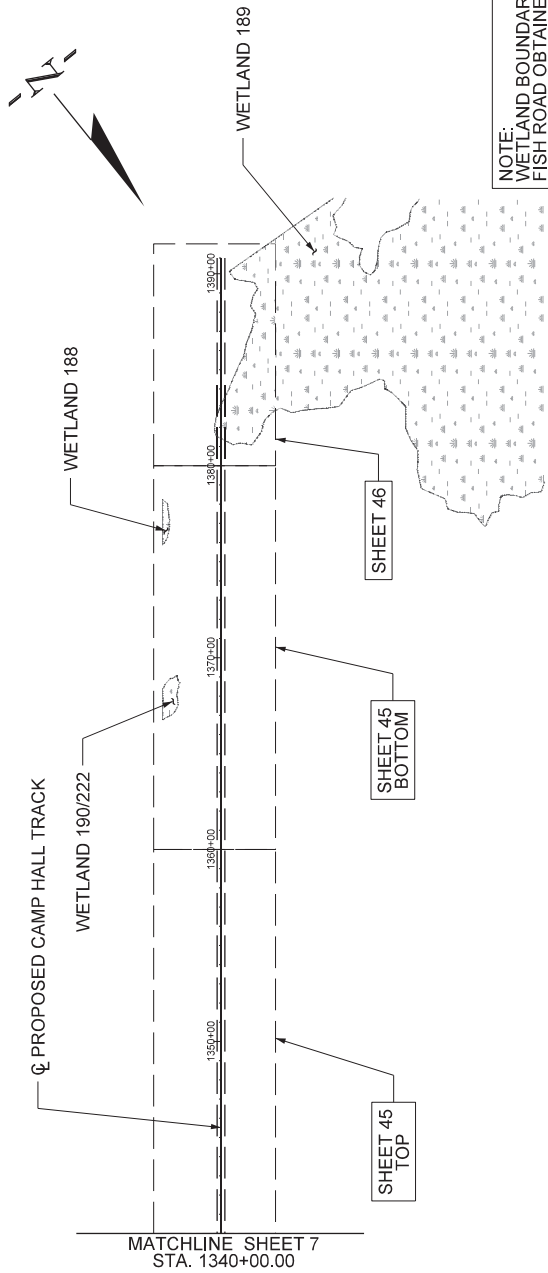
**INDEX SHEET 6 OF 8**

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**Palmetto RAILWAYS**

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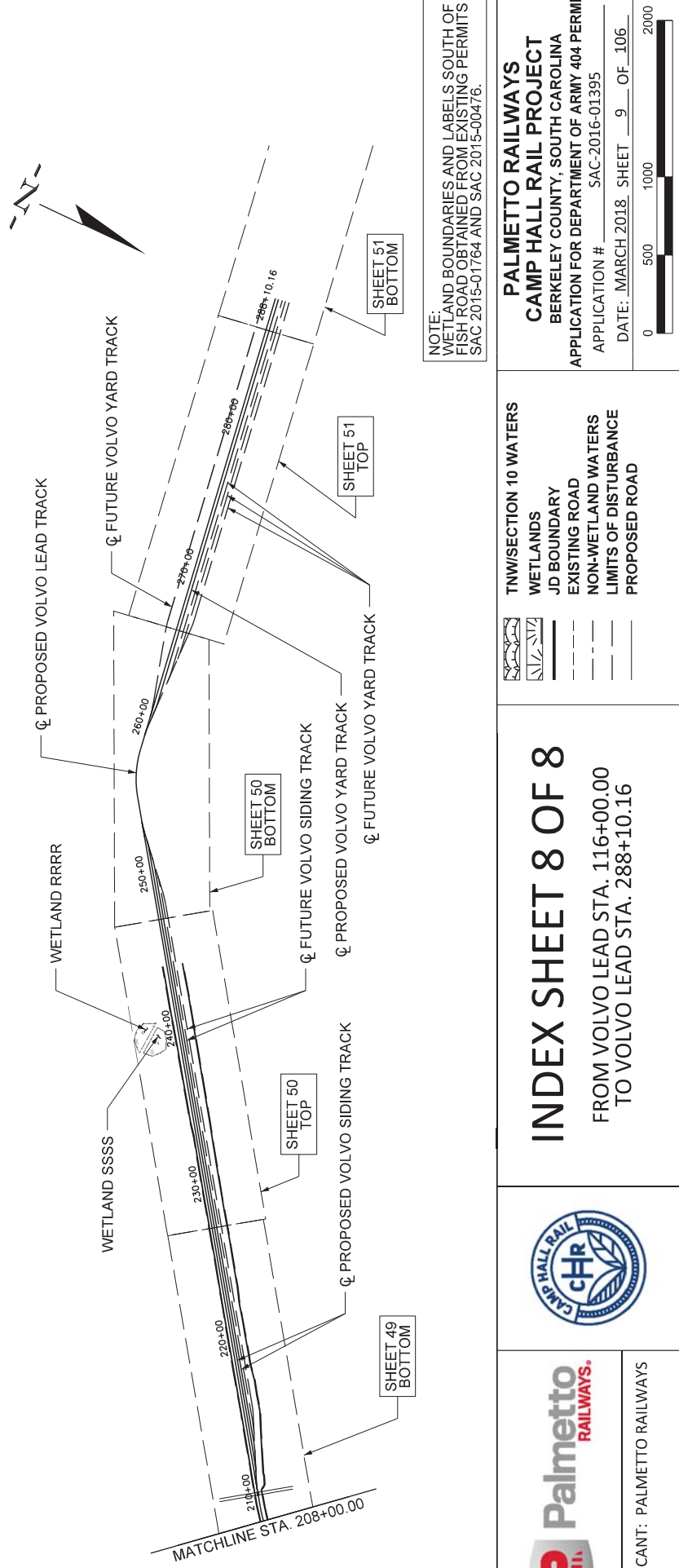
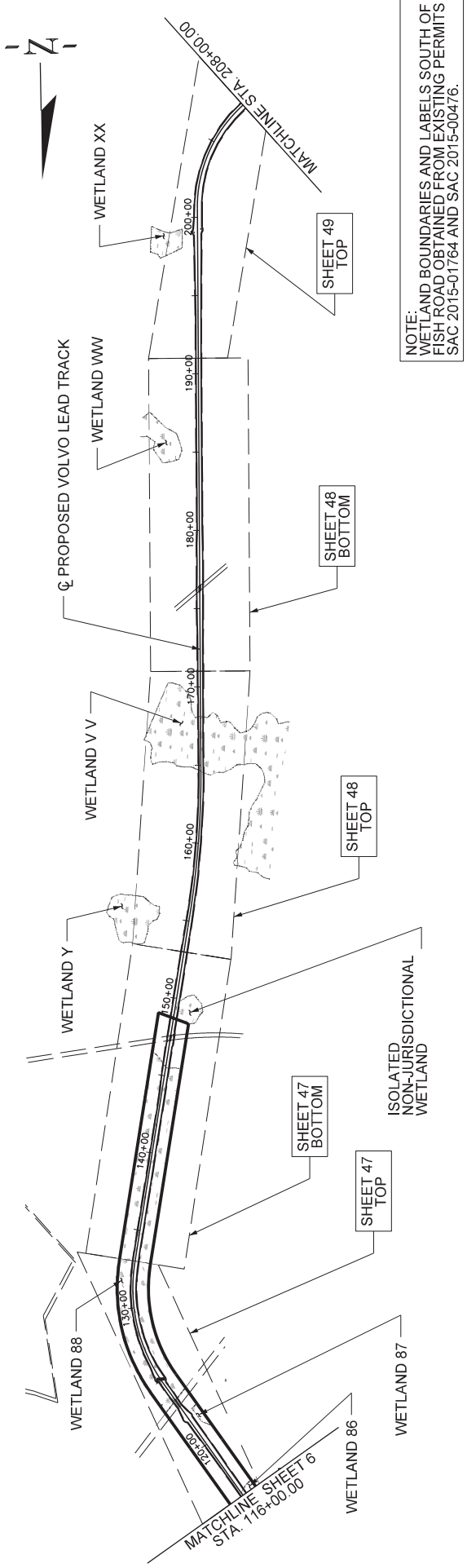


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**INDEX SHEET 7 OF 8**  
 FROM STA. 1340+00.00  
 TO STA. 1390+82.04



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 APPLICANT: PALMETTO RAILWAYS



NOTE: WETLAND BOUNDARIES AND LABELS SOUTH OF FISH ROAD OBTAINED FROM EXISTING PERMITS SAC 2015-01764 AND SAC 2015-00476.

NOTE: WETLAND BOUNDARIES AND LABELS SOUTH OF FISH ROAD OBTAINED FROM EXISTING PERMITS SAC 2015-01764 AND SAC 2015-00476.

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
 APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
 APPLICATION # SAC-2016-01395  
 DATE: MARCH 2018 SHEET 9 OF 106

0 500 1000 2000

**TN/SECTION 10 WATERS**

- WETLANDS
- JD BOUNDARY
- EXISTING ROAD
- NON-WETLAND WATERS
- LIMITS OF DISTURBANCE
- PROPOSED ROAD

**INDEX SHEET 8 OF 8**

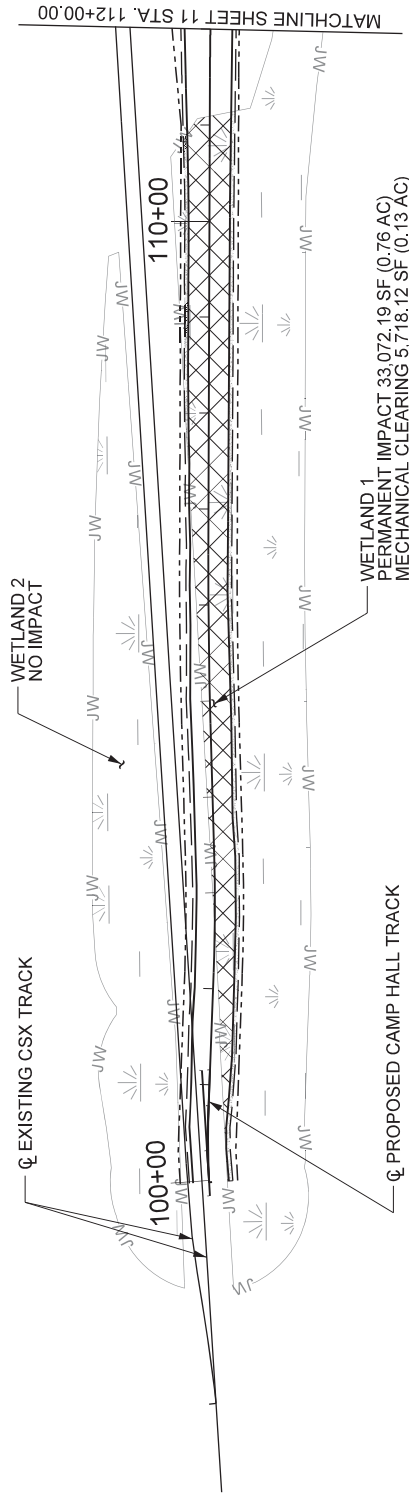
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 TO VOLVO LEAD STA. 288+10.16



**Palmetto RAILWAYS**

APPLICANT: PALMETTO RAILWAYS





**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
 APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
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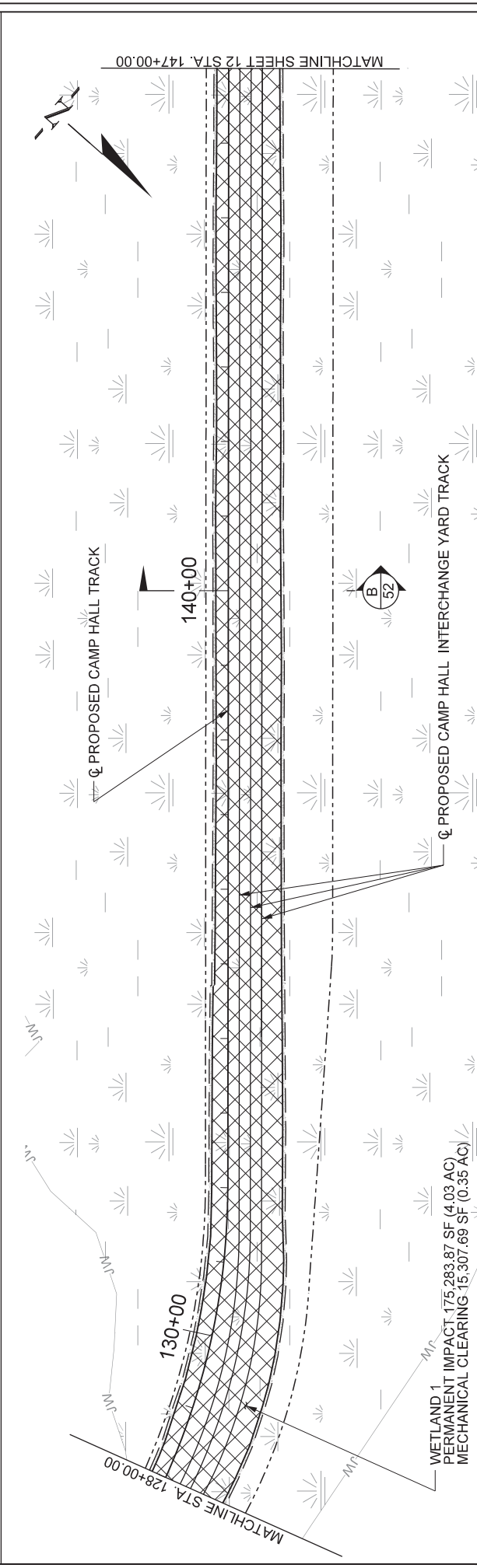
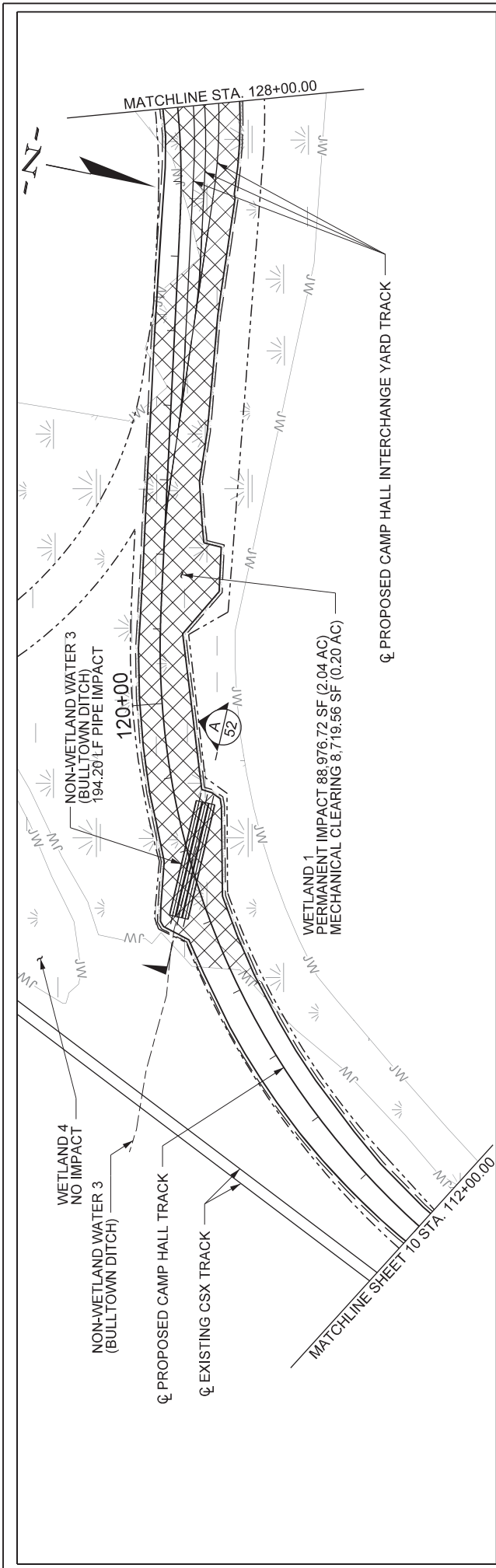



TNW/SECTION 10 WATERS	
	WETLANDS
	CONSTRUCTION AUTHORITY
	EXISTING ROAD
	NON-WETLAND WATERS
	LIMITS OF DISTURBANCE
	PERMANENT IMPACT
	PROPOSED ROAD
	RIGHT-OF-WAY (ROW)

IMPACTS	SF	AC
PERMANENT WETLAND IMPACT (CUT/FILL)	33,072.19	0.76
MECHANICAL CLEARING WETLAND IMPACT	5,718.12	0.13
PERMANENT CULVERT IMPACT	----	----
PERMANENT PIPE IMPACT	----	----
NON-WETLAND WATER	----	----
NON-WETLAND WATER	----	----
<b>TOTAL IMPACTS</b>	<b>38,790.31</b>	<b>0.89</b>




Palmetto RAILWAYS.  
 APPLICANT: PALMETTO RAILWAYS






**Palmetto**  
RAILWAYS.



**CAMP HALL RAIL**  
AUTHORITY



0 100 200 400

**IMPACTS**

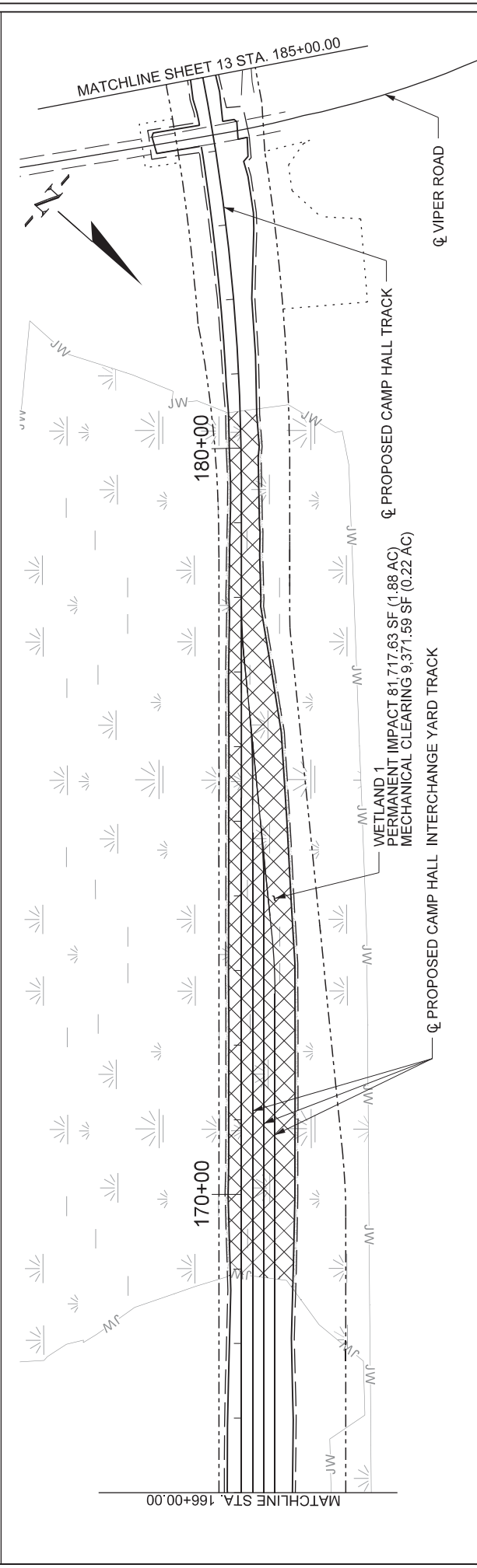
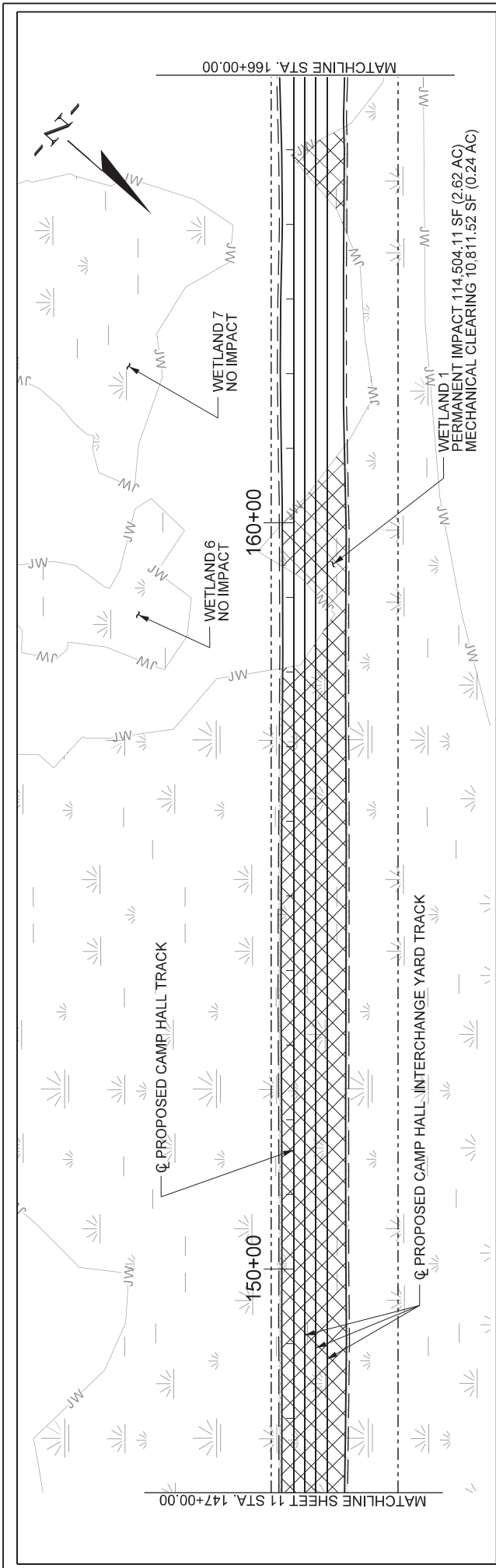
PERMANENT WETLAND IMPACT (CUT/FILL)	AC	SF	6.07
MECHANICAL CLEARING WETLAND IMPACT	0.55	24,027.25	
PERMANENT CULVERT IMPACT	----	----	
NON-WETLAND WATER PERMANENT PIPE IMPACT	----	194,200 LF	
NON-WETLAND WATER PERMANENT PIPE IMPACT	----	288,287.84	
<b>TOTAL IMPACTS</b>			


**TN/SECTION 10 WATERS**

WETLANDS	CONSTRUCTION AUTHORITY
EXISTING ROAD	NON-WETLAND WATERS
LIMITS OF DISTURBANCE	PERMANENT IMPACT
PROPOSED ROAD	RIGHT-OF-WAY (ROW)


**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
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DATE: MARCH 2018 SHEET 11 OF 106








**Palmetto**  
RAILWAYS.



**CAMP HALL RAIL**  
CHR

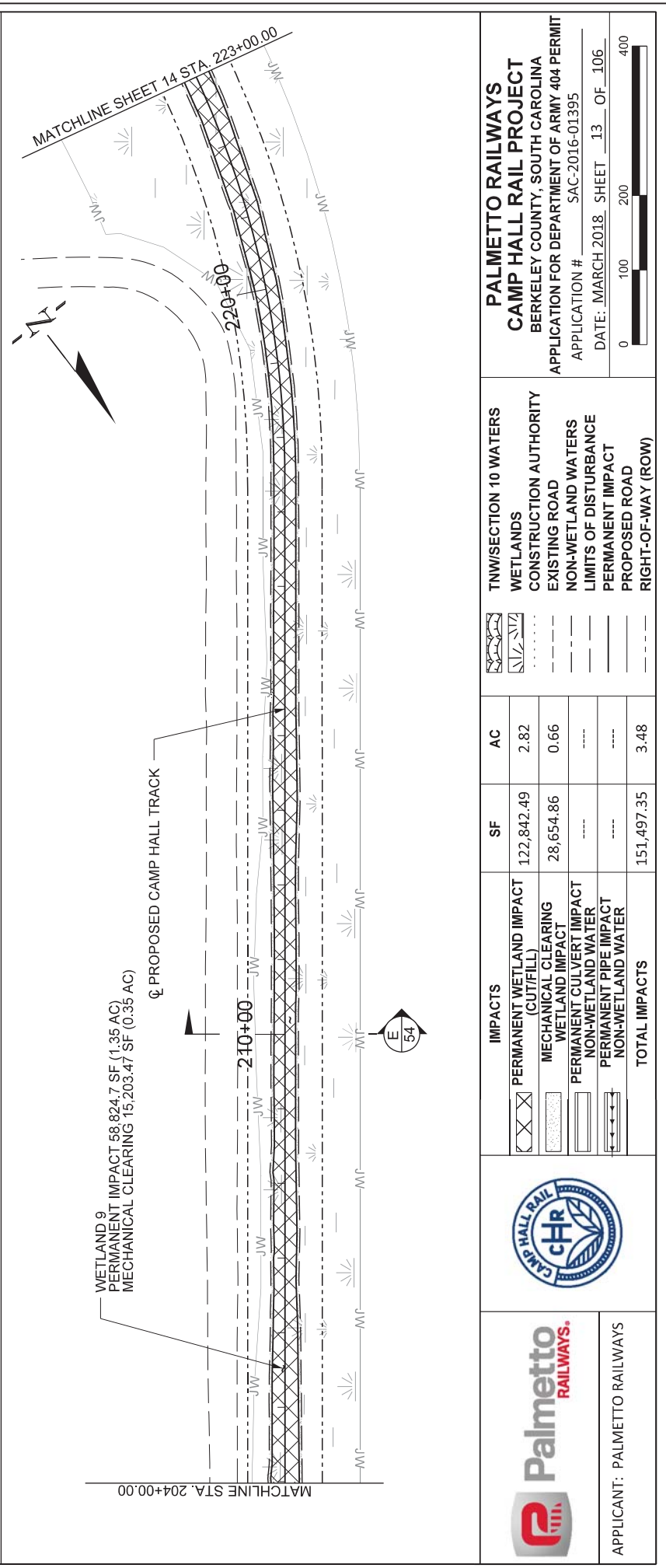
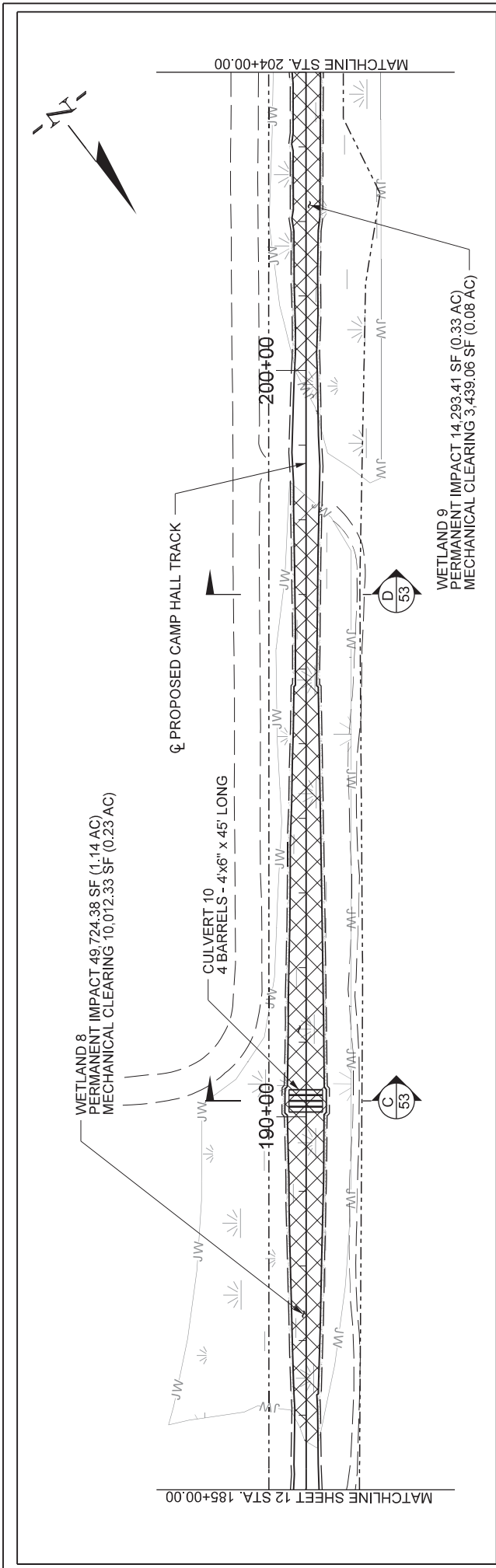
**PALMETTO RAILWAYS**  
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



IMPACTS	SF	AC	TNW/SECTION 10 WATERS
PERMANENT WETLAND IMPACT (CUT/FILL)	196,221.74	4.50	WETLANDS
MECHANICAL CLEARING	20,183.11	0.46	CONSTRUCTION AUTHORITY
PERMANENT WETLAND IMPACT	----	----	EXISTING ROAD
NON-WETLAND WATER	----	----	NON-WETLAND WATERS
PERMANENT PIPE IMPACT	----	----	LIMITS OF DISTURBANCE
NON-WETLAND WATER	----	----	PERMANENT IMPACT
<b>TOTAL IMPACTS</b>	<b>216,404.85</b>	<b>4.96</b>	PROPOSED ROAD
			RIGHT-OF-WAY (ROW)

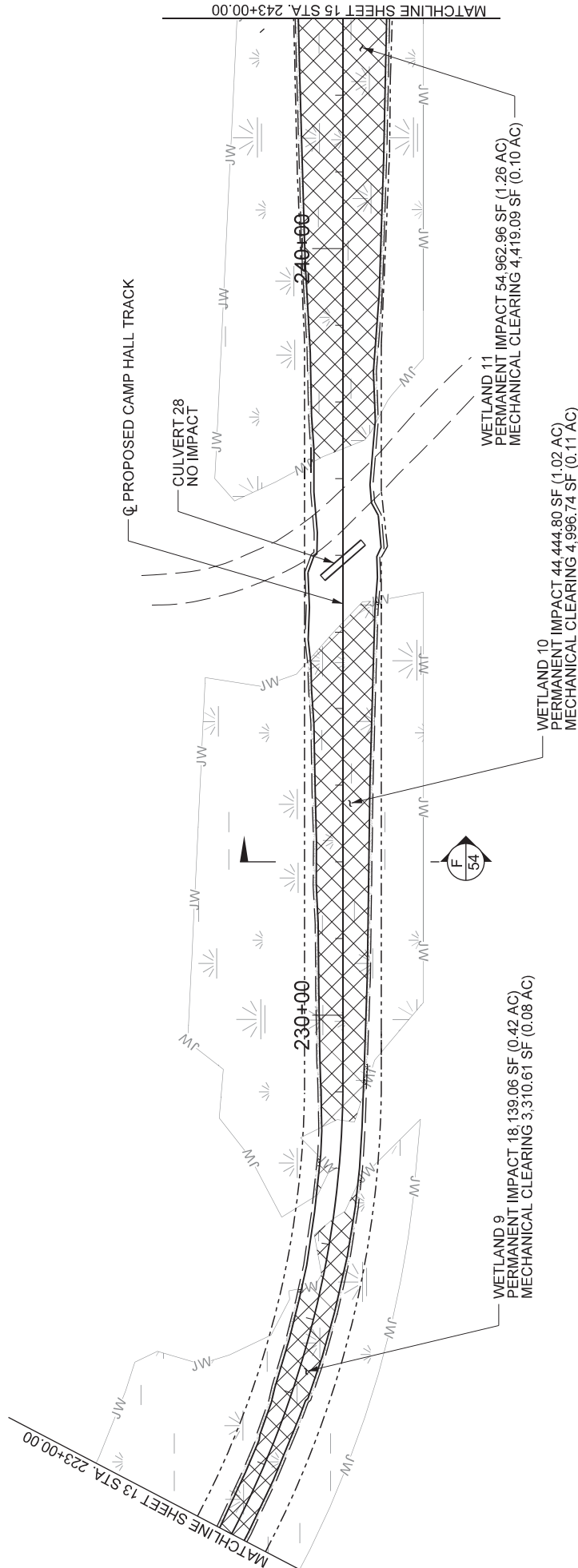


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APPLICANT: PALMETTO RAILWAYS



				<b>PALMETTO RAILWAYS</b> <b>CAMP HALL RAIL PROJECT</b> BERKELEY COUNTY, SOUTH CAROLINA APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT APPLICATION # SAC-2016-01395 DATE: MARCH 2018 SHEET 13 OF 106	
APPLICANT: PALMETTO RAILWAYS		TNWSECTION 10 WATERS WETLANDS CONSTRUCTION AUTHORITY EXISTING ROAD NON-WETLAND WATERS LIMITS OF DISTURBANCE PERMANENT IMPACT PROPOSED ROAD RIGHT-OF-WAY (ROW)			
<b>IMPACTS</b>		<b>AC</b>		<b>SF</b>	
	PERMANENT WETLAND IMPACT (CUT/FILL)	2.82	122,842.49	2.82	122,842.49
	MECHANICAL CLEARING WETLAND IMPACT	0.66	28,654.86	0.66	28,654.86
	PERMANENT CULVERT IMPACT	----	----	----	----
	NON-WETLAND WATER PERMANENT PIPE IMPACT	----	----	----	----
	NON-WETLAND WATER PERMANENT PIPE IMPACT	----	----	----	----
<b>TOTAL IMPACTS</b>		<b>3.48</b>	<b>151,497.35</b>	<b>3.48</b>	<b>151,497.35</b>



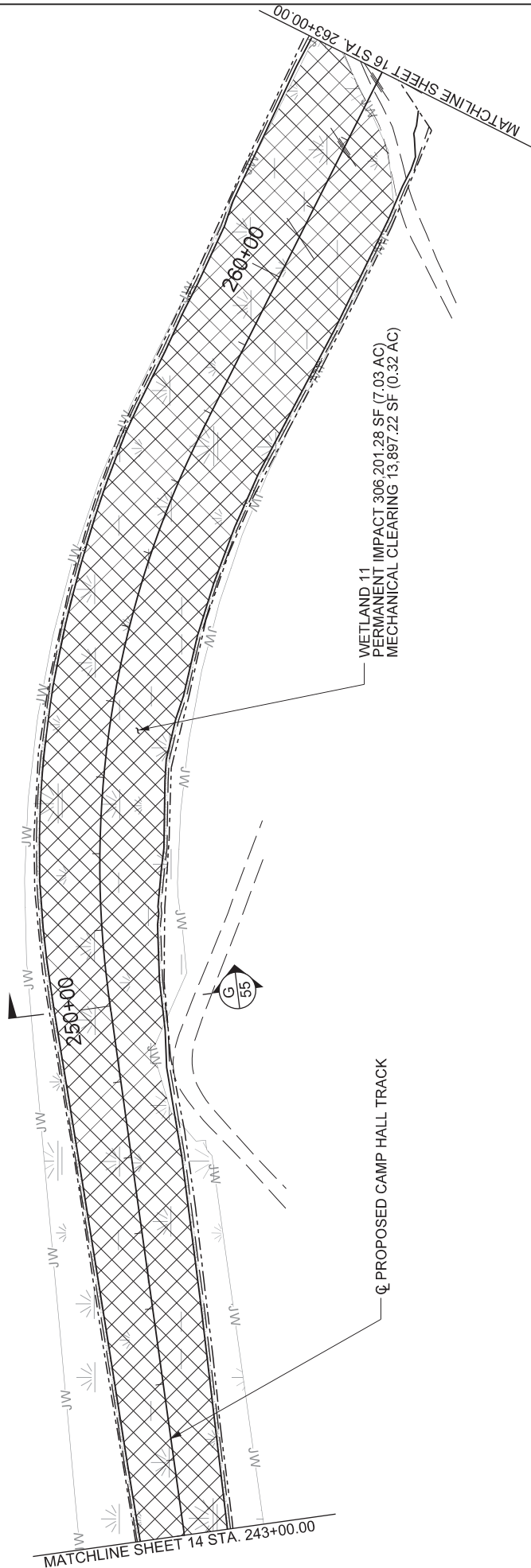
**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
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TNW/SECTION 10 WATERS	
	WETLANDS
	CONSTRUCTION AUTHORITY
	EXISTING ROAD
	NON-WETLAND WATERS
	LIMITS OF DISTURBANCE
	PERMANENT IMPACT
	PROPOSED ROAD
	RIGHT-OF-WAY (ROW)

IMPACTS	SF	AC
PERMANENT WETLAND IMPACT (CUT/FILL)	117,546.82	2.70
MECHANICAL CLEARING WETLAND IMPACT	12,726.44	0.29
PERMANENT CULVERT IMPACT	----	----
NON-WETLAND WATER PERMANENT PIPE IMPACT	----	----
NON-WETLAND WATER	----	----
<b>TOTAL IMPACTS</b>	<b>130,273.26</b>	<b>2.99</b>



APPLICANT: PALMETTO RAILWAYS



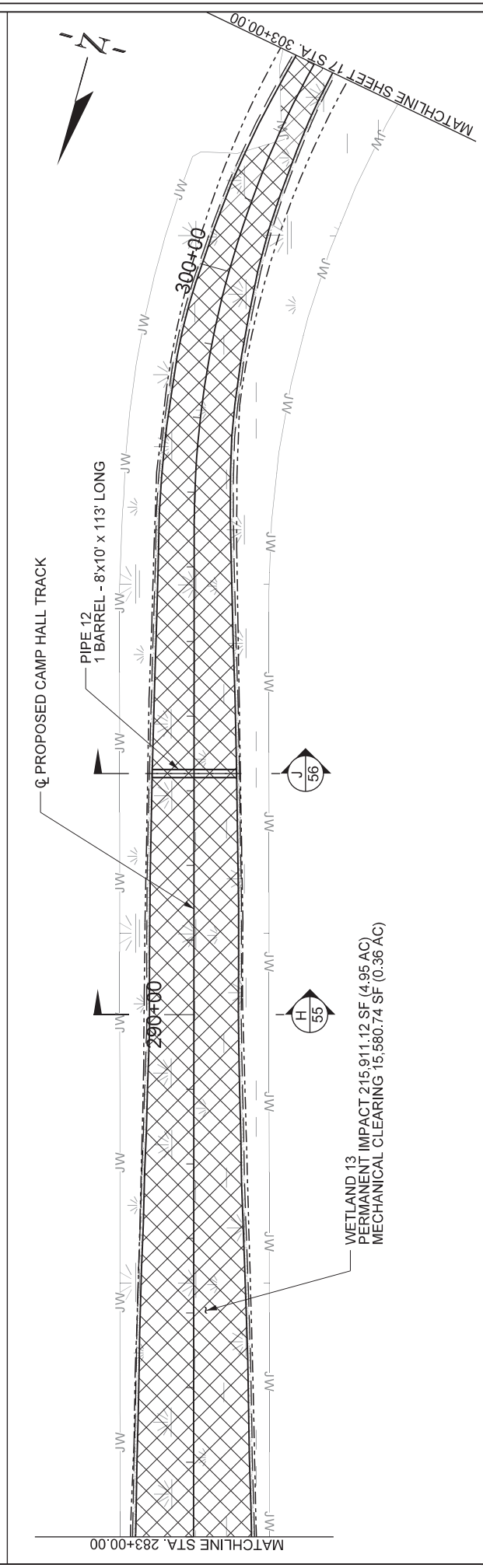
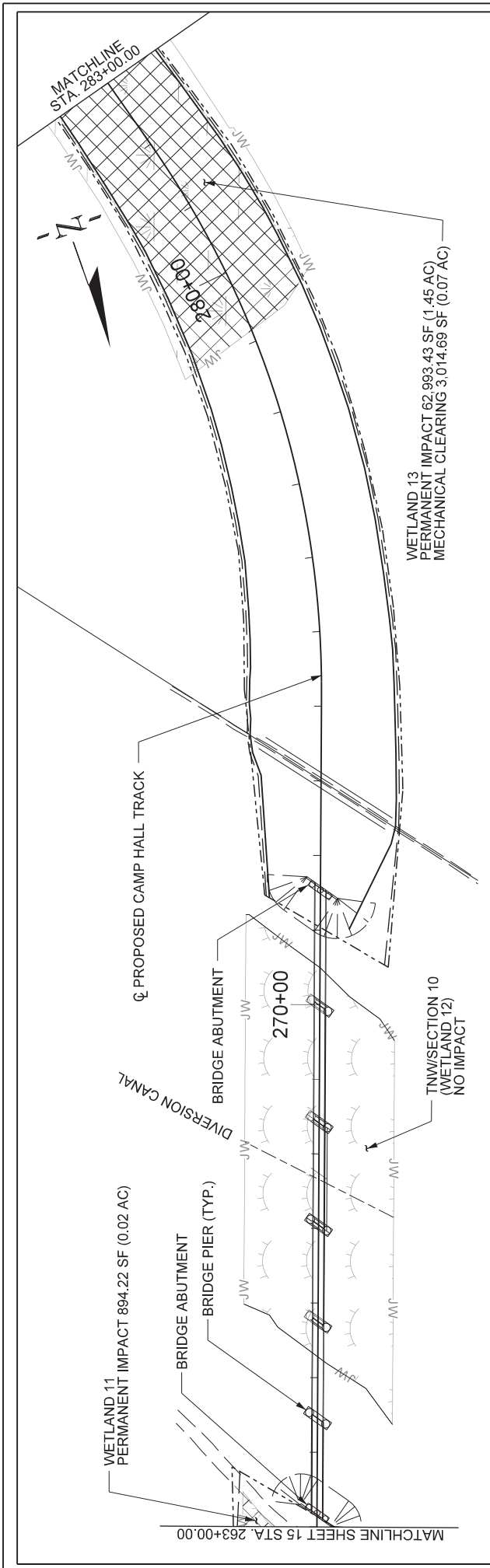
**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
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TNW/SECTION 10 WATERS	
	WETLANDS
	CONSTRUCTION AUTHORITY
	EXISTING ROAD
	NON-WETLAND WATERS
	LIMITS OF DISTURBANCE
	PERMANENT IMPACT
	PROPOSED ROAD
	RIGHT-OF-WAY (ROW)

IMPACTS	SF	AC
PERMANENT WETLAND IMPACT (CUT/FILL)	306,201.28	7.03
MECHANICAL CLEARING	13,897.22	0.32
WETLAND IMPACT	----	----
PERMANENT CULVERT IMPACT	----	----
NON-WETLAND WATER	----	----
PERMANENT PIPE IMPACT	----	----
NON-WETLAND WATER	----	----
<b>TOTAL IMPACTS</b>	<b>320,098.50</b>	<b>7.35</b>



**Palmetto RAILWAYS**  
 APPLICANT: PALMETTO RAILWAYS



IMPACTS		SF	AC
	PERMANENT WETLAND IMPACT (CUT/FILL)	279,798.77	6.42
	MECHANICAL CLEARING WETLAND IMPACT	18,595.43	0.43
	PERMANENT CULVERT IMPACT NON-WETLAND WATER	----	----
	PERMANENT PIPE IMPACT NON-WETLAND WATER	----	----
	<b>TOTAL IMPACTS</b>	298,394.20	6.87

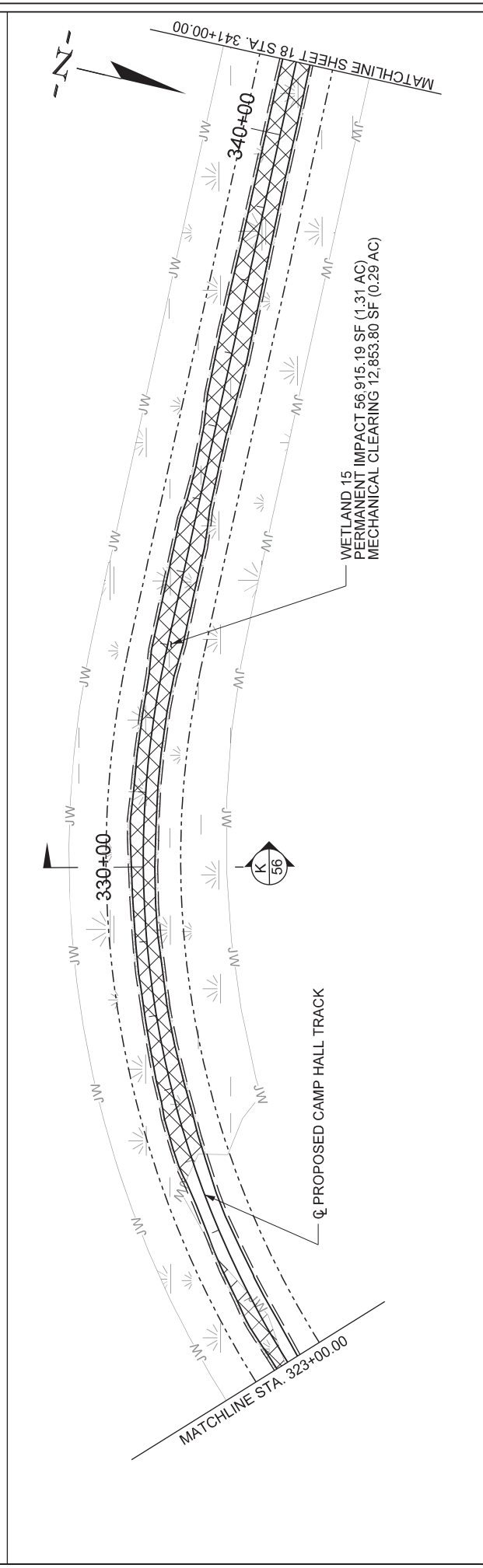
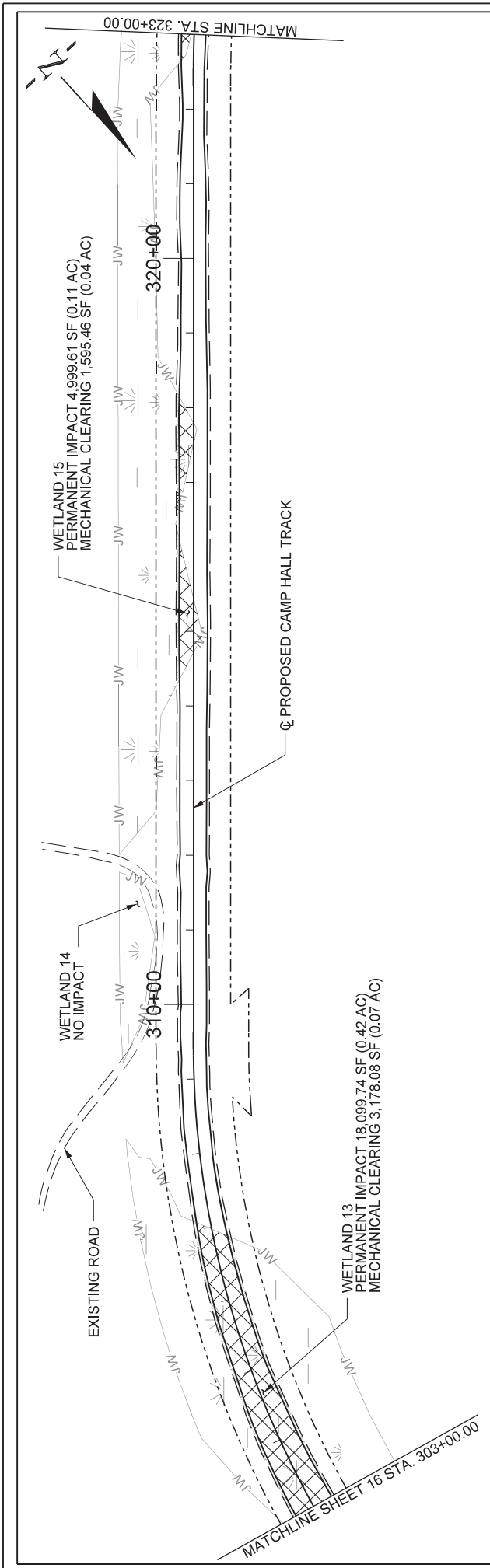
  

TNW/SECTION 10 WATERS	CONSTRUCTION AUTHORITY
	EXISTING ROAD
	NON-WETLAND WATERS
	LIMITS OF DISTURBANCE
	PERMANENT IMPACT
	PROPOSED ROAD
	RIGHT-OF-WAY (ROW)

<p><b>Palmetto RAILWAYS.</b></p> <p>APPLICANT: PALMETTO RAILWAYS</p>		
	<p><b>PALMETTO RAILWAYS</b> CAMP HALL RAIL PROJECT BERKELEY COUNTY, SOUTH CAROLINA APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT APPLICATION # SAC-2016-01395 DATE: MARCH 2018 SHEET 16 OF 106</p>	
	<p>0 100 200 400</p>	





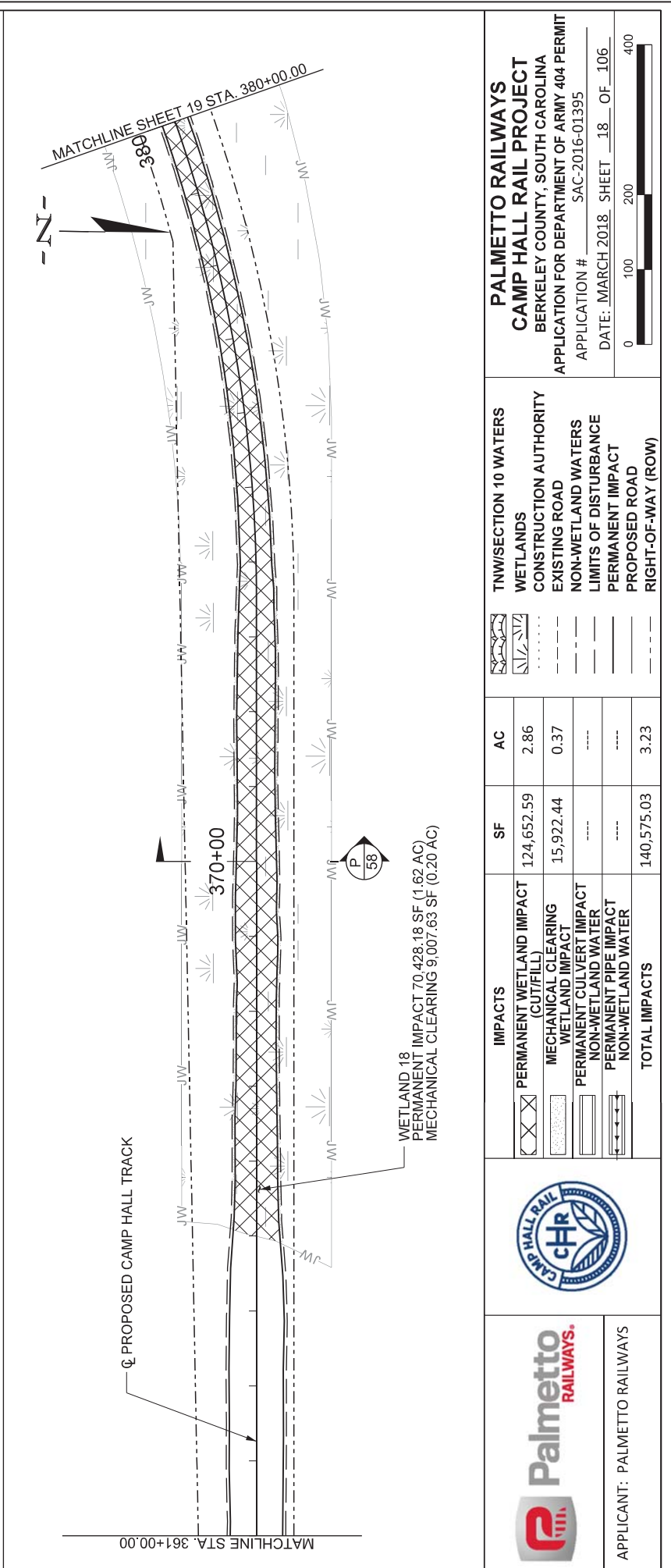
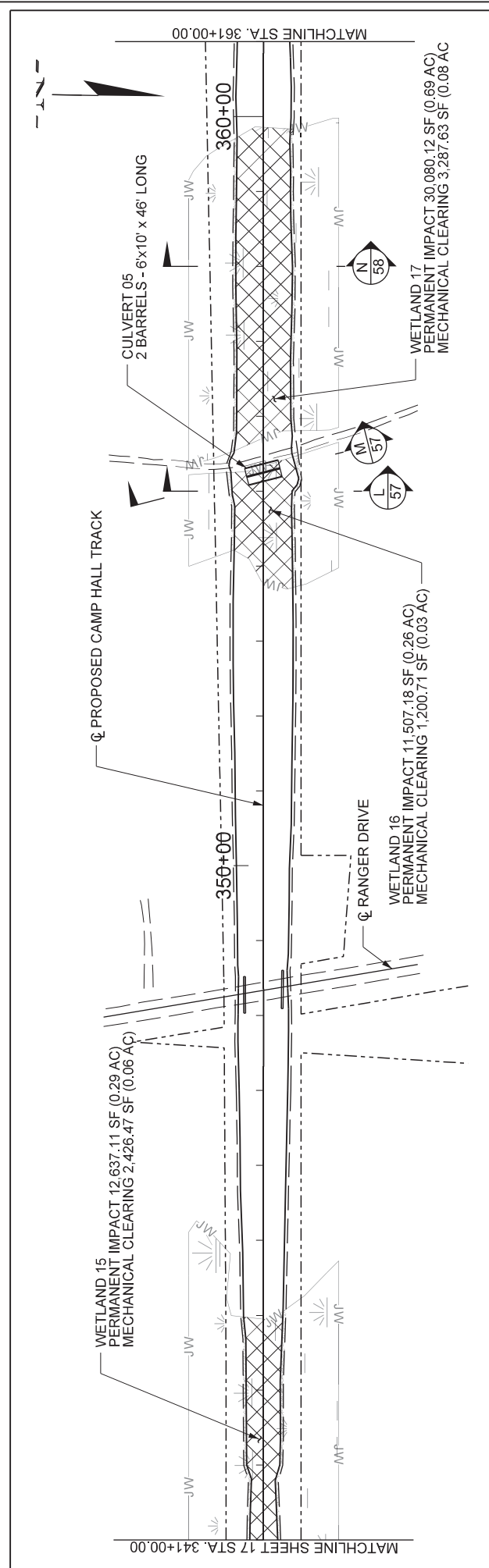
IMPACTS		SF	AC
	PERMANENT WETLAND IMPACT (CUT/FILL)	80,014.54	1.84
	MECHANICAL CLEARING WETLAND IMPACT	17,627.34	0.40
	PERMANENT CULVERT IMPACT	----	----
	NON-WETLAND WATER PERMANENT PIPE IMPACT	----	----
	NON-WETLAND WATER PERMANENT PIPE IMPACT	----	----
<b>TOTAL IMPACTS</b>		<b>97,641.88</b>	<b>2.24</b>

TN/SECTION	10 WATERS
	WETLANDS
	CONSTRUCTION AUTHORITY
	EXISTING ROAD
	NON-WETLAND WATERS
	LIMITS OF DISTURBANCE
	PERMANENT IMPACT
	PROPOSED ROAD
	RIGHT-OF-WAY (ROW)

	<b>PALMETTO RAILWAYS</b> CAMP HALL RAIL PROJECT BERKELEY COUNTY, SOUTH CAROLINA APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT APPLICATION # SAC-2016-01395 DATE: MARCH 2018 SHEET 17 OF 106
	APPLICANT: PALMETTO RAILWAYS



**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
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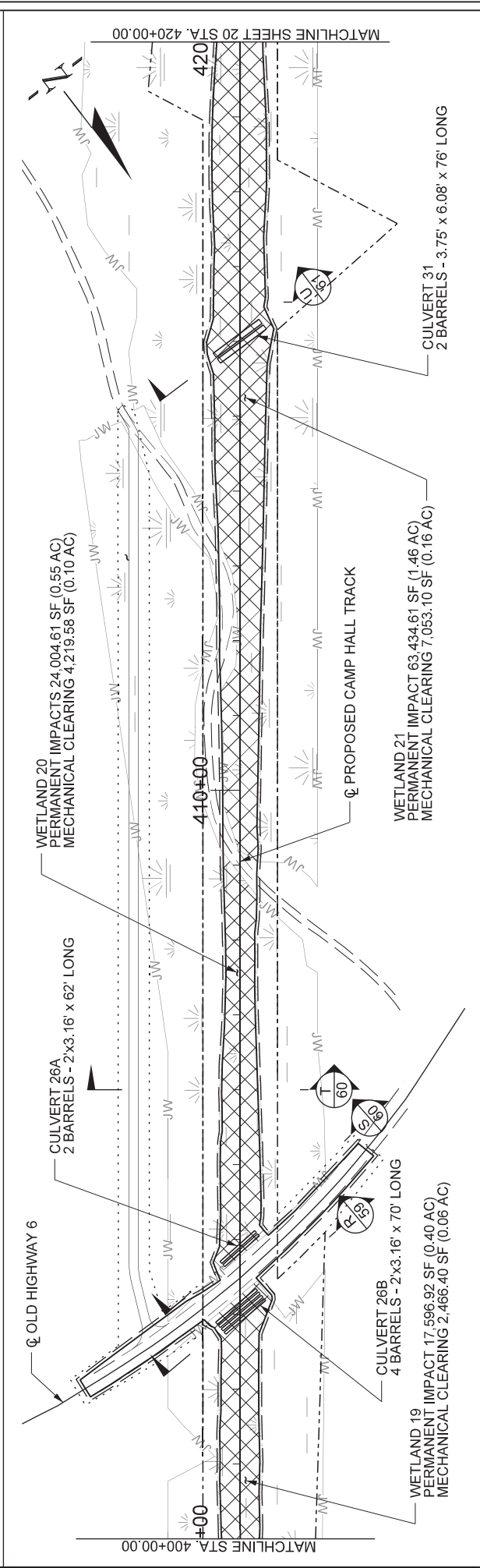
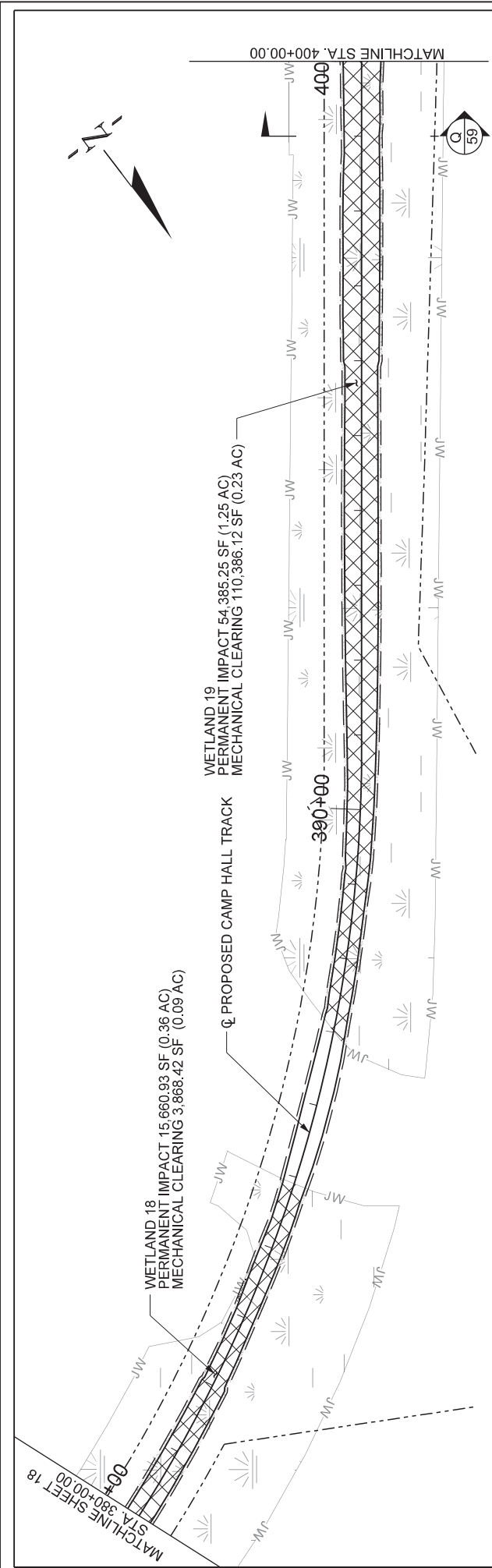
**TN/SECTION 10 WATERS**


WETLANDS	---
CONSTRUCTION AUTHORITY	---
EXISTING ROAD	---
NON-WETLAND WATERS	---
LIMITS OF DISTURBANCE	---
PERMANENT IMPACT	---
PROPOSED ROAD	---
RIGHT-OF-WAY (ROW)	---

IMPACTS	SF	AC
PERMANENT WETLAND IMPACT (CUT/FILL)	124,652.59	2.86
MECHANICAL CLEARING	15,922.44	0.37
PERMANENT CULVERT IMPACT	---	---
NON-WETLAND WATER	---	---
PERMANENT PIPE IMPACT	---	---
NON-WETLAND WATER	---	---
<b>TOTAL IMPACTS</b>	<b>140,575.03</b>	<b>3.23</b>




**Palmetto RAILWAYS.**  
 APPLICANT: PALMETTO RAILWAYS






**Palmetto RAILWAYS.**

APPLICANT: PALMETTO RAILWAYS



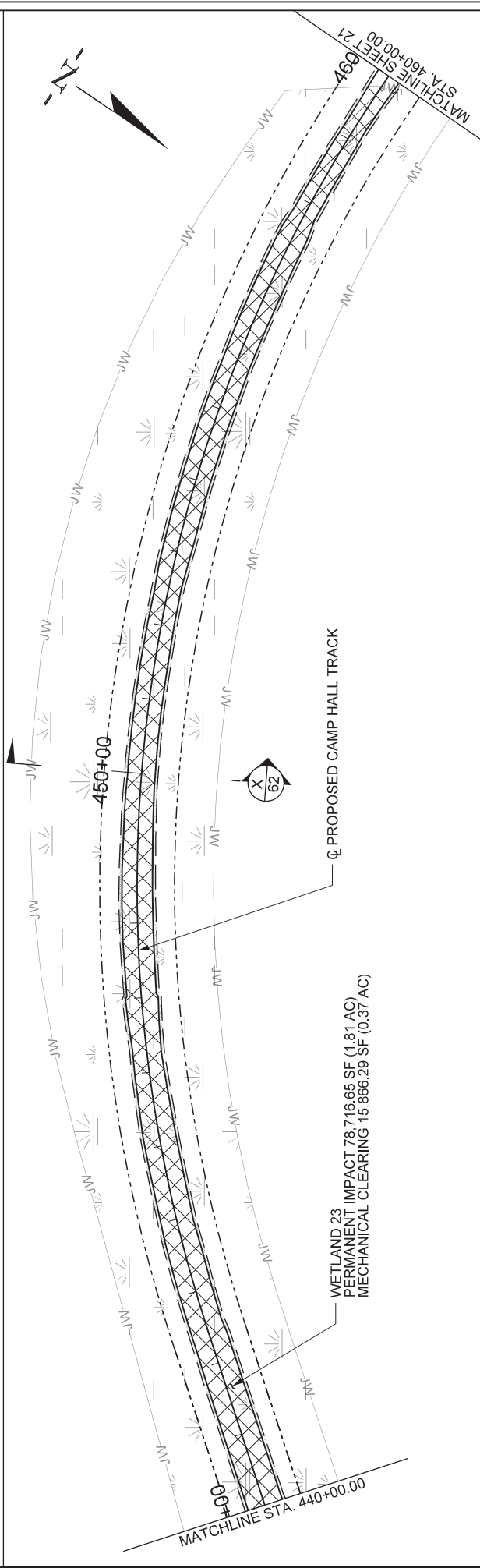
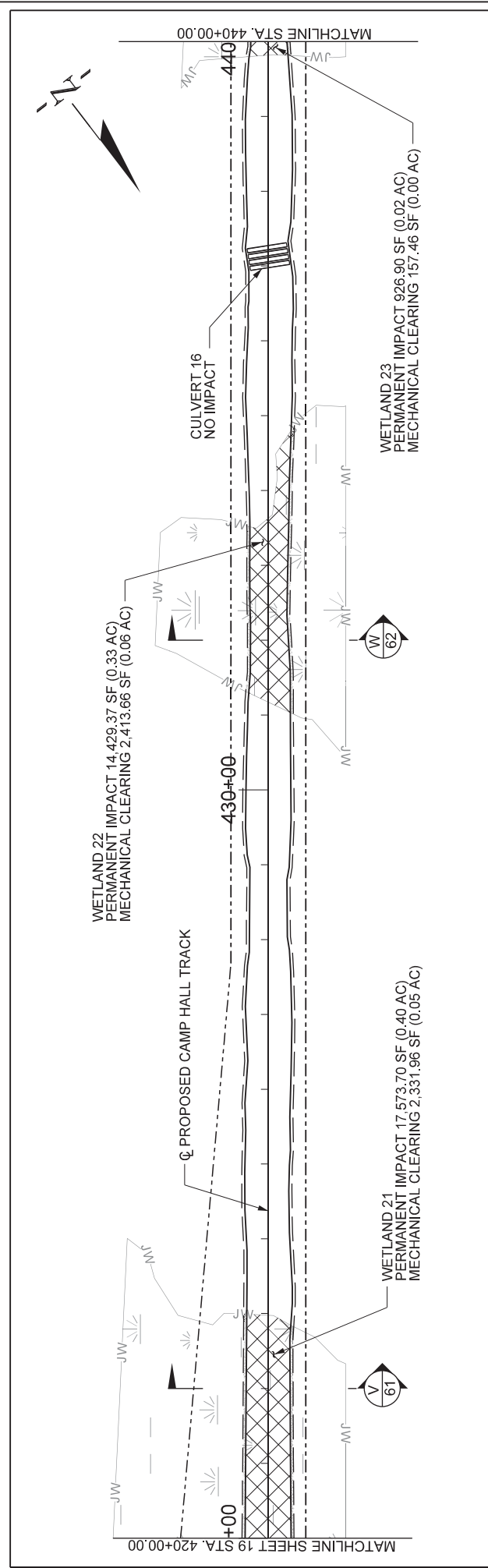
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
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IMPACTS	SF	AC	TNW/SECTION 10 WATERS
PERMANENT WETLAND IMPACT (CUT/FILL)	175,079.32	4.02	WETLANDS
MECHANICAL CLEARING	27,993.62	0.64	CONSTRUCTION AUTHORITY
PERMANENT WETLAND IMPACT	----	----	EXISTING ROAD
NON-WETLAND WATER	----	----	NON-WETLAND WATERS
PERMANENT PIPE IMPACT	----	----	LIMITS OF DISTURBANCE
NON-WETLAND WATER	----	----	PERMANENT IMPACT
<b>TOTAL IMPACTS</b>	<b>203,072.94</b>	<b>4.66</b>	PROPOSED ROAD
			RIGHT-OF-WAY (ROW)



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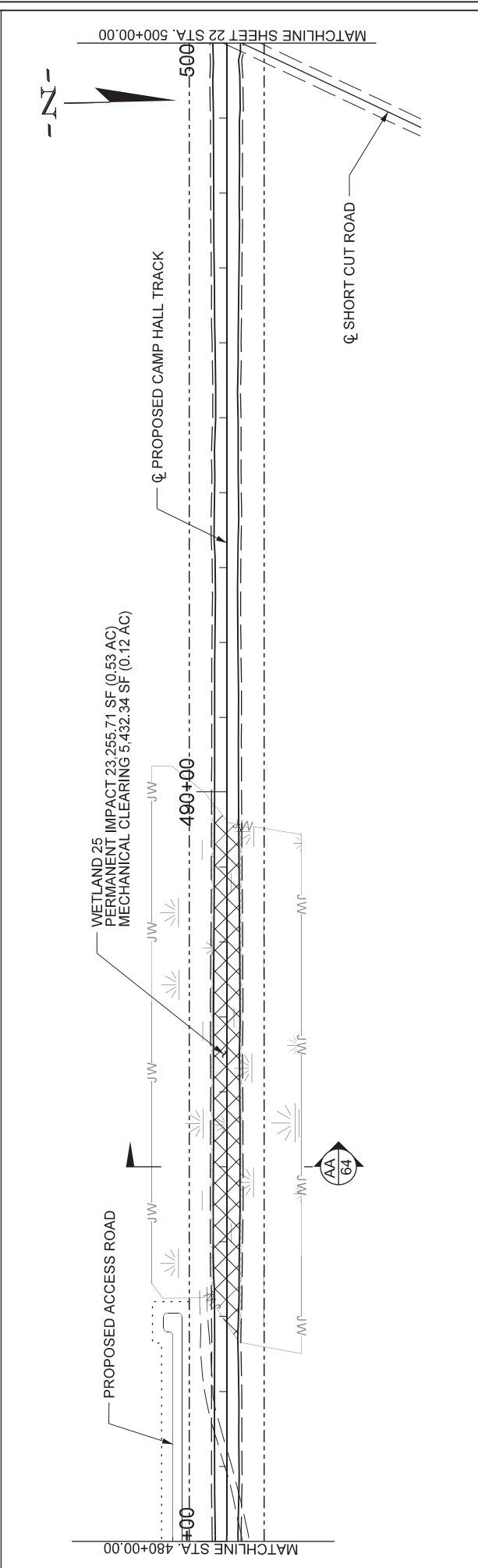
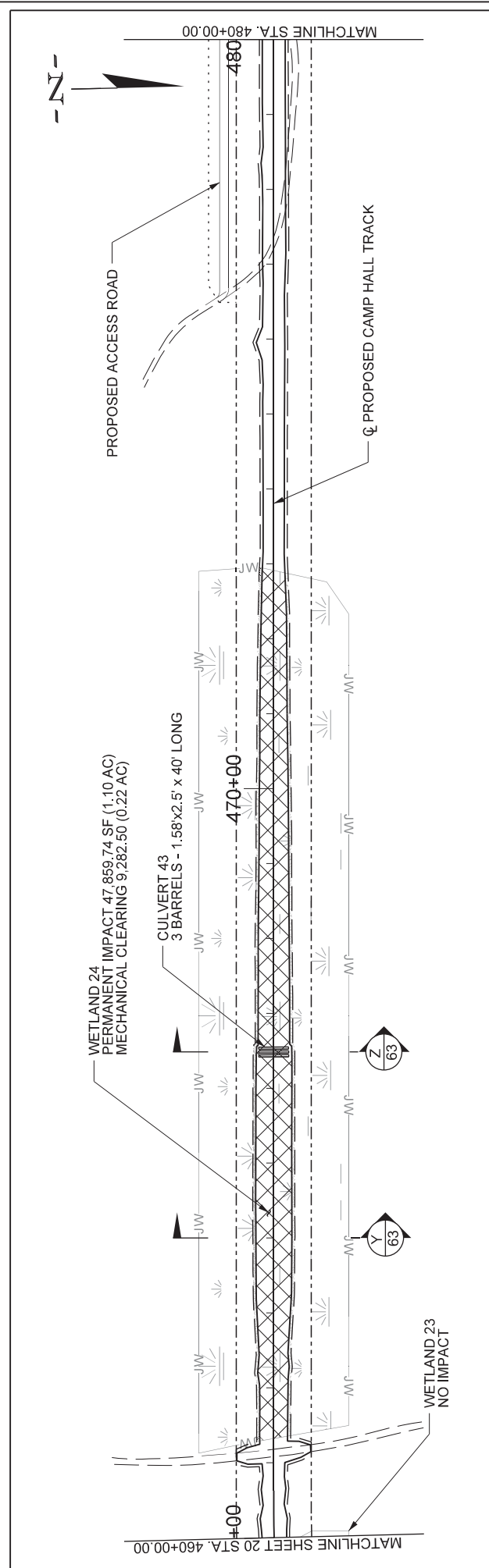
IMPACTS		SF	AC
	PERMANENT WETLAND IMPACT (CUT/FILL)	111,646.62	2.56
	MECHANICAL CLEARING WETLAND IMPACT	20,769.37	0.48
	PERMANENT CULVERT IMPACT	----	----
	NON-WETLAND WATER	----	----
	PERMANENT PIPE IMPACT	----	----
	NON-WETLAND WATER	----	----
<b>TOTAL IMPACTS</b>		<b>132,415.99</b>	<b>3.04</b>

TN/SECTION	10 WATERS
	WETLANDS
	CONSTRUCTION AUTHORITY
	EXISTING ROAD
	NON-WETLAND WATERS
	LIMITS OF DISTURBANCE
	PERMANENT IMPACT
	PROPOSED ROAD
	RIGHT-OF-WAY (ROW)

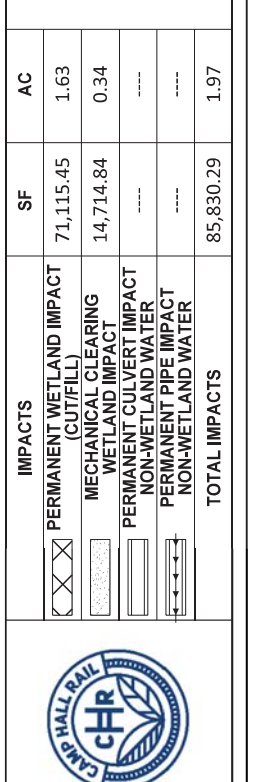
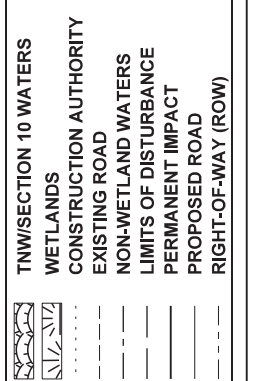
  

<b>PALMETTO RAILWAYS</b> <b>CAMP HALL RAIL PROJECT</b> BERKELEY COUNTY, SOUTH CAROLINA APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT APPLICATION # SAC-2016-01395 DATE: MARCH 2018 SHEET 20 OF 106	

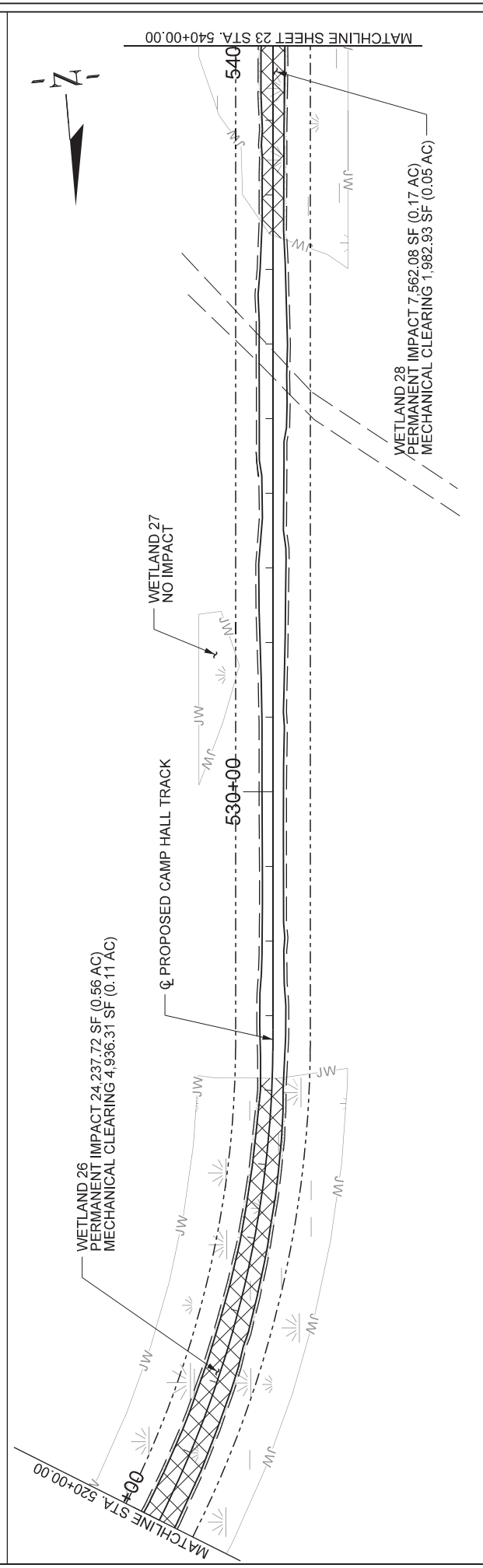
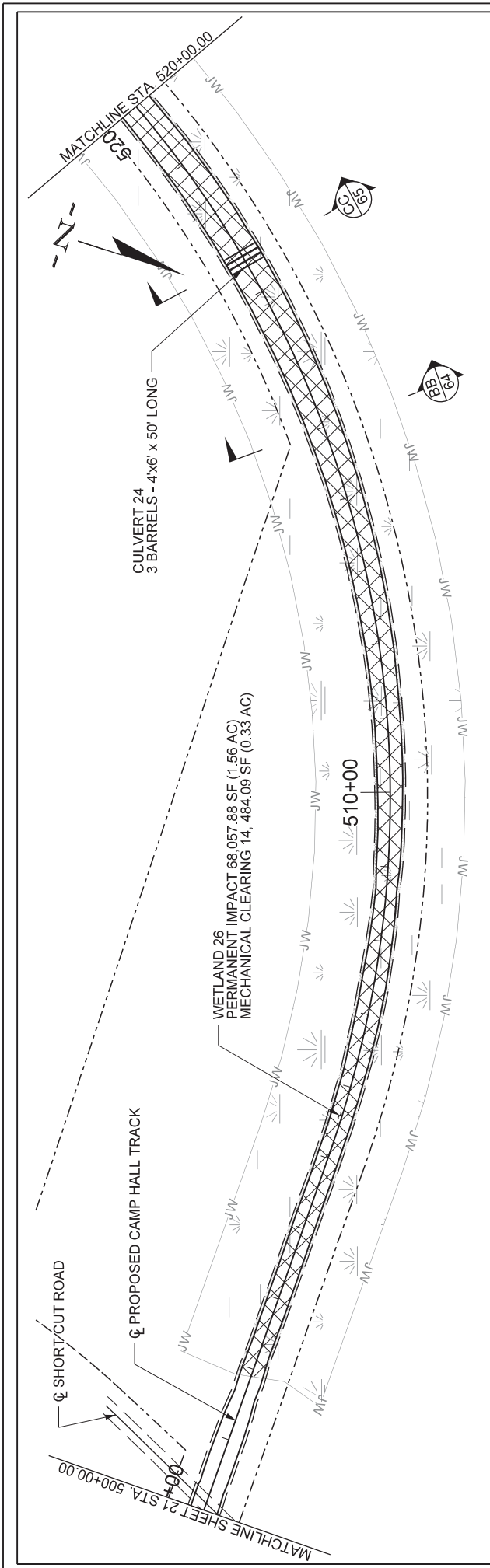


IMPACTS		SF	AC	TN/SECTION 10 WATERS
	PERMANENT WETLAND IMPACT (CUT/FILL)	71,115.45	1.63	WETLANDS
	MECHANICAL CLEARING	14,714.84	0.34	CONSTRUCTION AUTHORITY
	PERMANENT CULVERT IMPACT	----	----	EXISTING ROAD
	PERMANENT PIPE IMPACT	----	----	NON-WETLAND WATERS
	NON-WETLAND WATER	----	----	LIMITS OF DISTURBANCE
	NON-WETLAND WATER	----	----	PERMANENT IMPACT
	TOTAL IMPACTS	85,830.29	1.97	PROPOSED ROAD
				RIGHT-OF-WAY (ROW)

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
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**Palmetto RAILWAYS**  
 APPLICANT: PALMETTO RAILWAYS



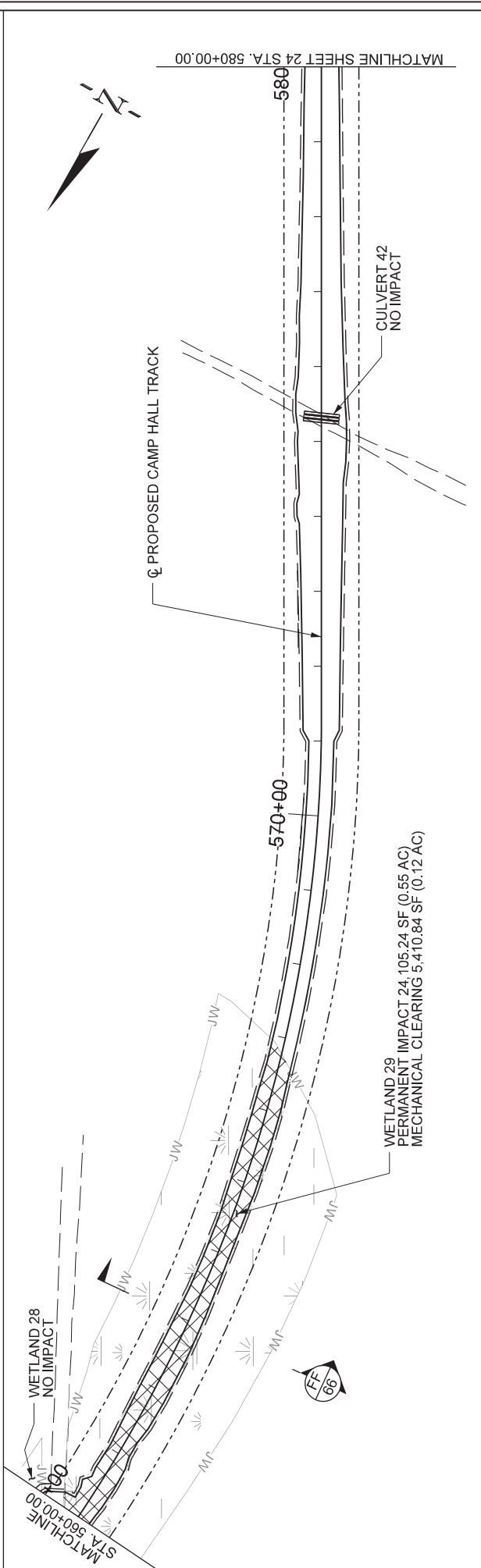
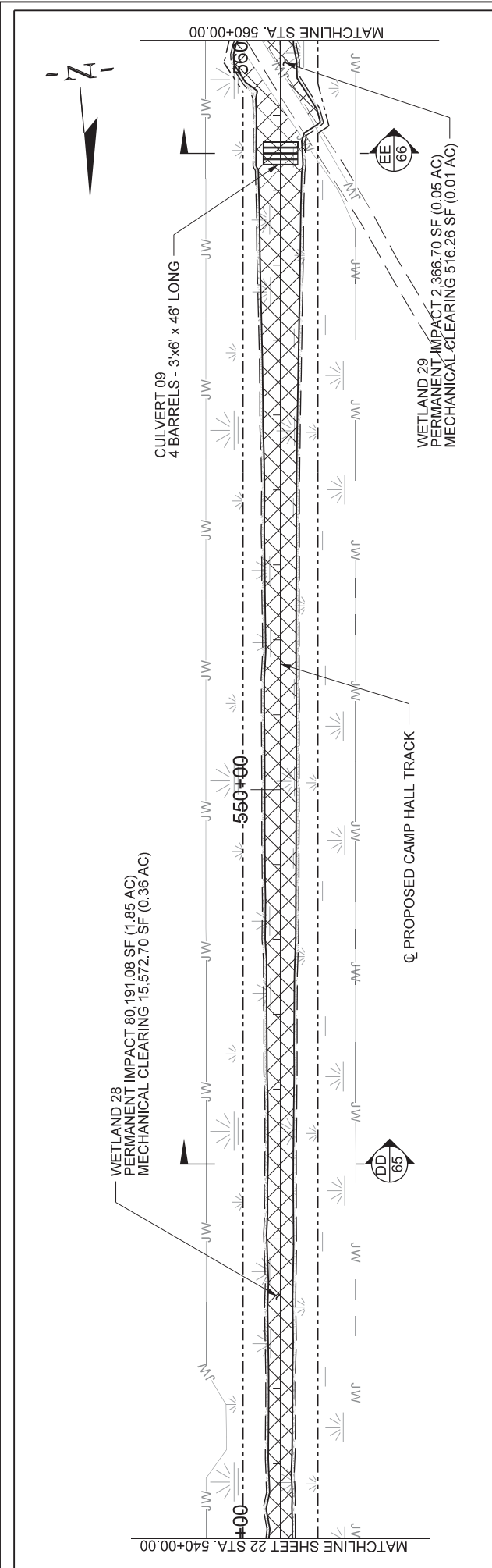
IMPACTS		IMPACTS	SF	AC	TN/SECTION 10 WATERS
	PERMANENT WETLAND IMPACT (CUT/FILL)	PERMANENT WETLAND IMPACT (CUT/FILL)	99,857.68	2.29	WETLANDS
	MECHANICAL CLEARING WETLAND IMPACT	MECHANICAL CLEARING WETLAND IMPACT	21,403.33	0.49	CONSTRUCTION AUTHORITY EXISTING ROAD
	PERMANENT CULVERT IMPACT	PERMANENT CULVERT IMPACT	----	----	NON-WETLAND WATERS
	NON-WETLAND WATER PERMANENT PIPE IMPACT	NON-WETLAND WATER PERMANENT PIPE IMPACT	----	----	LIMITS OF DISTURBANCE
	NON-WETLAND WATER	NON-WETLAND WATER	----	----	PERMANENT IMPACT
	TOTAL IMPACTS	TOTAL IMPACTS	121,261.01	2.78	PROPOSED ROAD
					RIGHT-OF-WAY (ROW)



APPLICANT: PALMETTO RAILWAYS

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
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IMPACTS		SF	AC
	PERMANENT WETLAND IMPACT (CUT/FILL)	106,663.02	2.45
	MECHANICAL CLEARING	21,499.80	0.49
	PERMANENT CULVERT IMPACT	----	----
	NON-WETLAND WATER	----	----
	PERMANENT PIPE IMPACT	----	----
	NON-WETLAND WATER	----	----
<b>TOTAL IMPACTS</b>		<b>128,162.82</b>	<b>2.94</b>

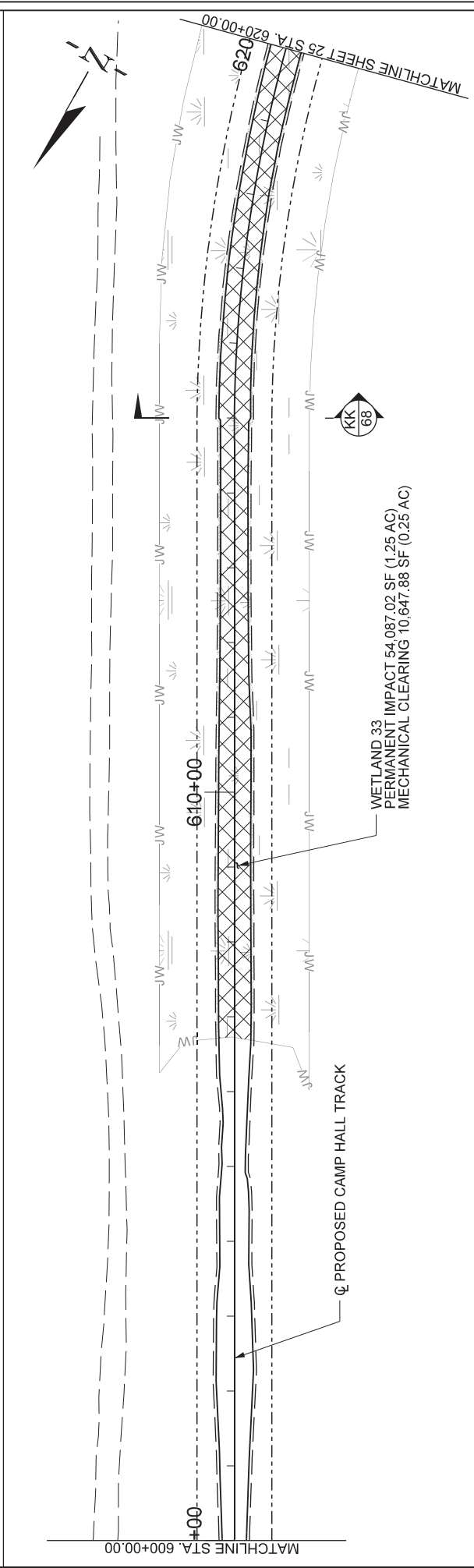
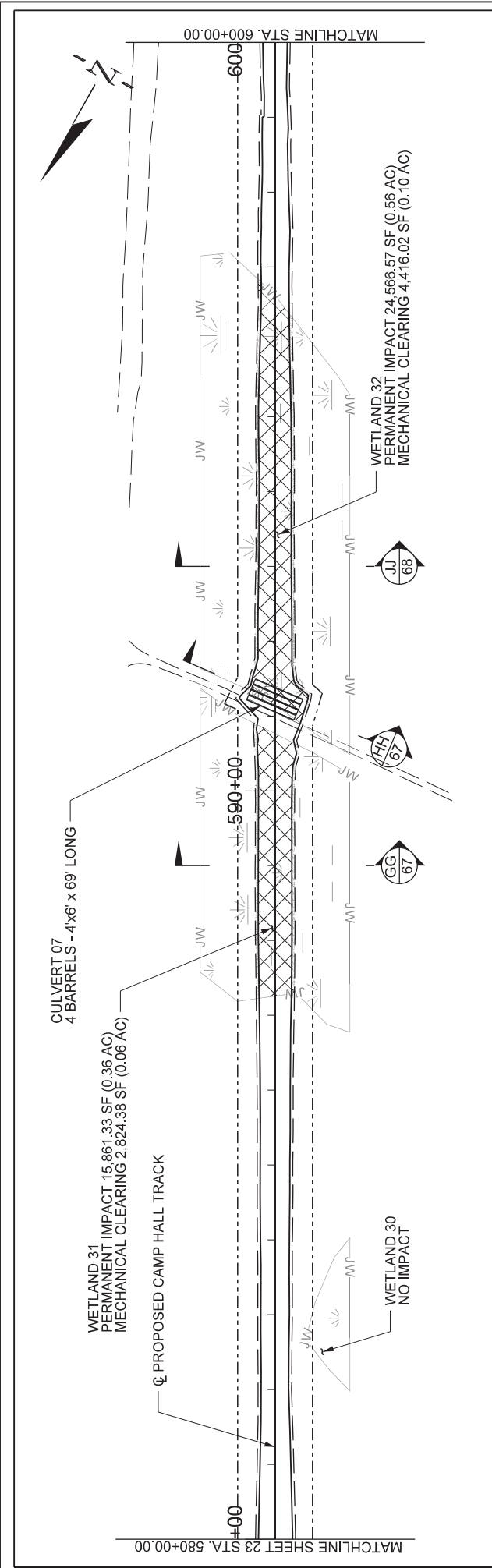
TNWSECTION 10 WATERS	
	WETLANDS
	CONSTRUCTION AUTHORITY
	EXISTING ROAD
	NON-WETLAND WATERS
	LIMITS OF DISTURBANCE
	PERMANENT IMPACT
	PROPOSED ROAD
	RIGHT-OF-WAY (ROW)


  

<b>PALMETTO RAILWAYS</b> BERKELEY COUNTY, SOUTH CAROLINA APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT APPLICATION # SAC-2016-01395 DATE: MARCH 2018 SHEET 23 OF 106	


  

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**Palmetto**  
RAILWAYS.




**CAMP HALL RAIL**  
AUTHORITY

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
BERKELEY COUNTY, SOUTH CAROLINA  
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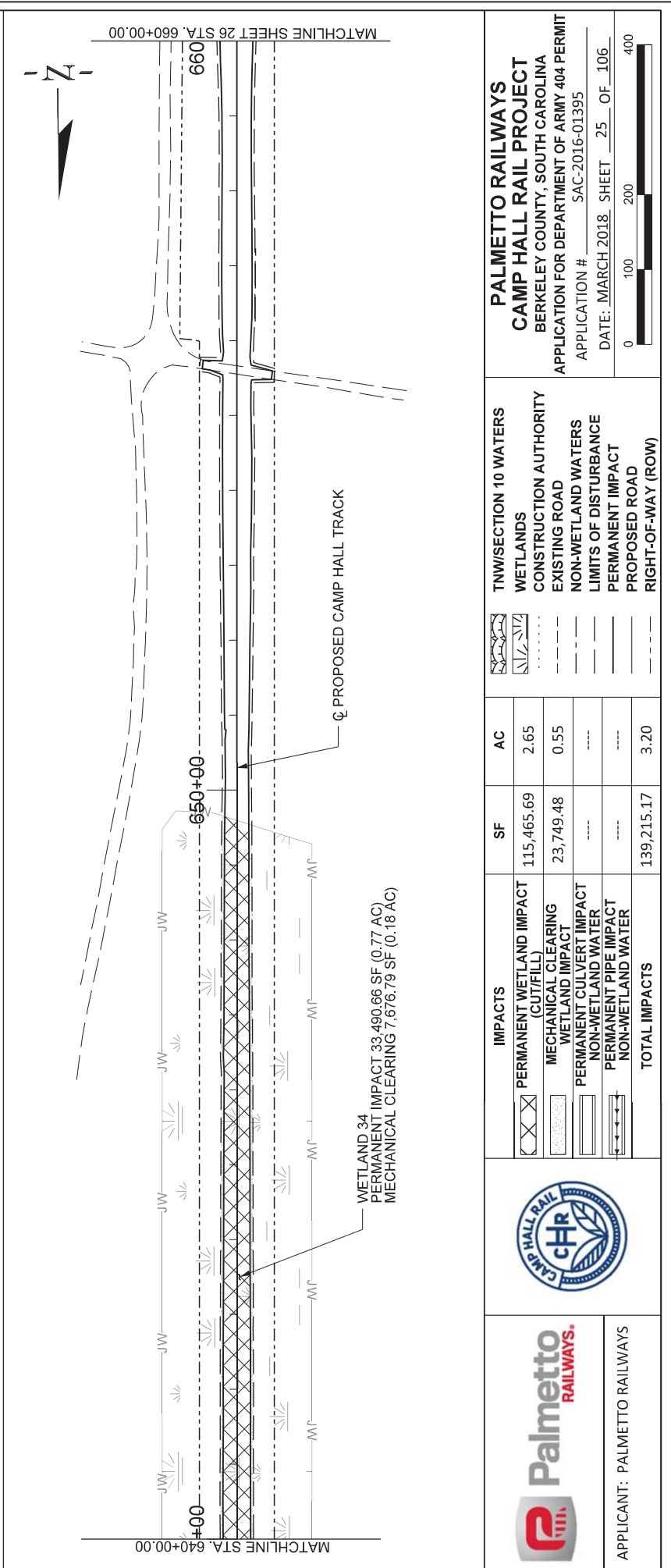
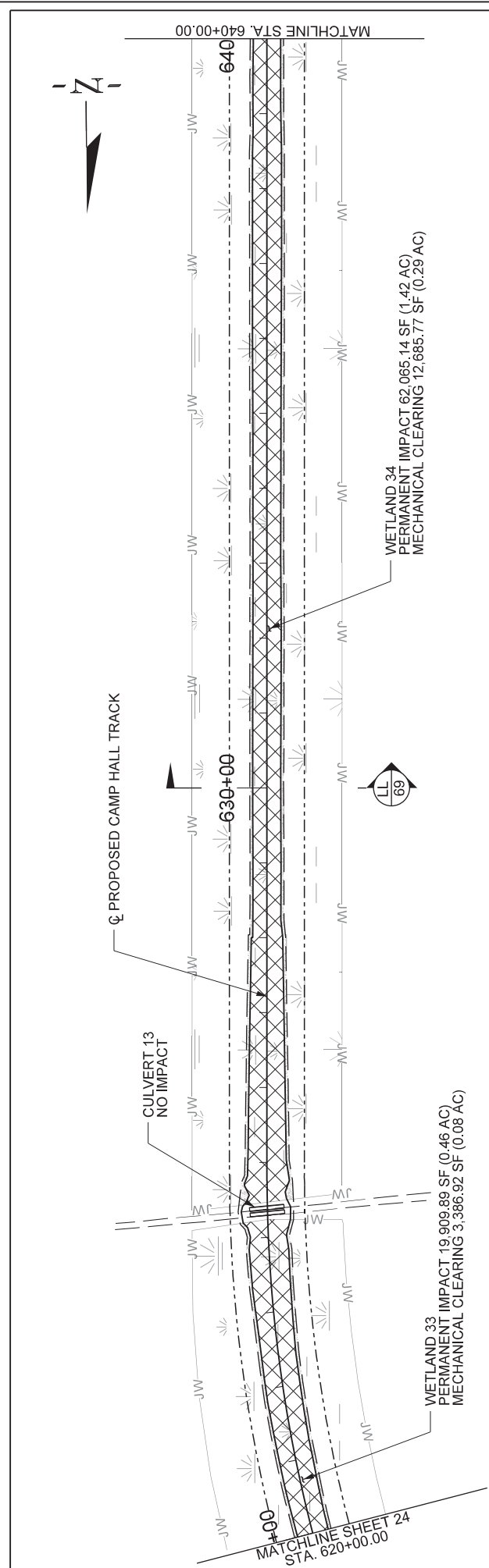
IMPACTS	SF	AC	TNW/SECTION 10 WATERS	CONSTRUCTION AUTHORITY
PERMANENT WETLAND IMPACT (CUT/FILL)	94,514.92	2.17	WETLANDS	EXISTING ROAD
MECHANICAL CLEARING	17,888.28	0.41	NON-WETLAND WATERS	LIMITS OF DISTURBANCE
PERMANENT WETLAND IMPACT	---	---	PERMANENT IMPACT	PROPOSED ROAD
PERMANENT CULVERT IMPACT	---	---	RIGHT-OF-WAY (ROW)	
NON-WETLAND WATER	---	---		
PERMANENT PIPE IMPACT	---	---		
NON-WETLAND WATER	---	---		
<b>TOTAL IMPACTS</b>	<b>112,403.20</b>	<b>2.58</b>		



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**PALMETTO RAILWAYS**  
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 APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
 APPLICATION # SAC-2016-01395  
 DATE: MARCH 2018 SHEET 25 OF 106

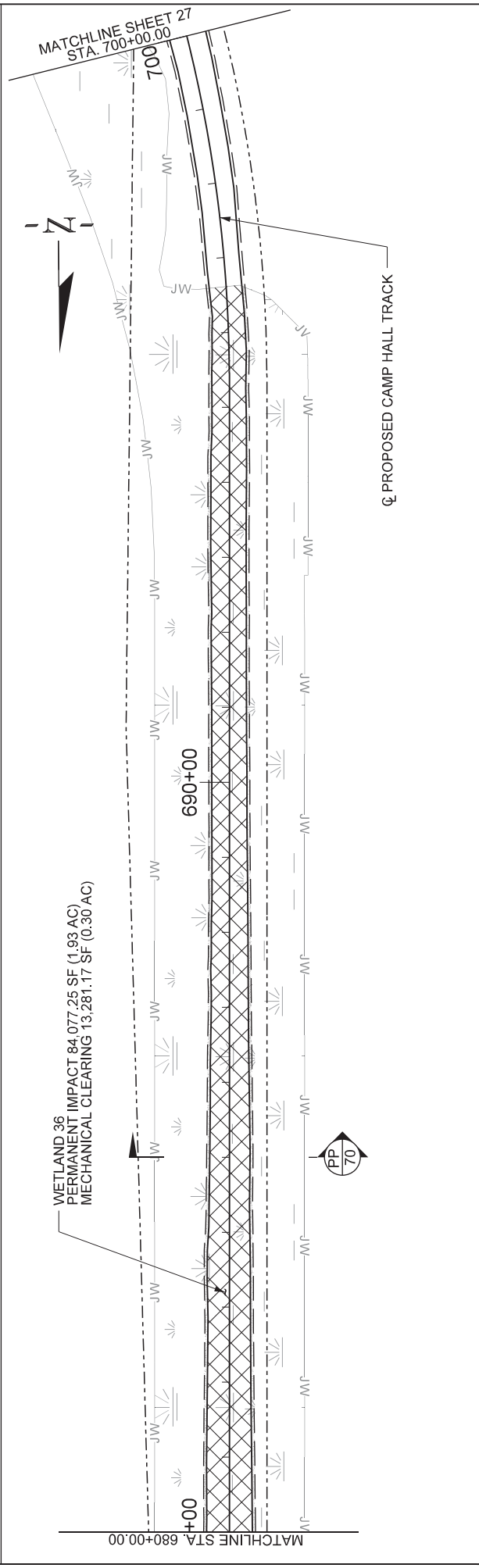
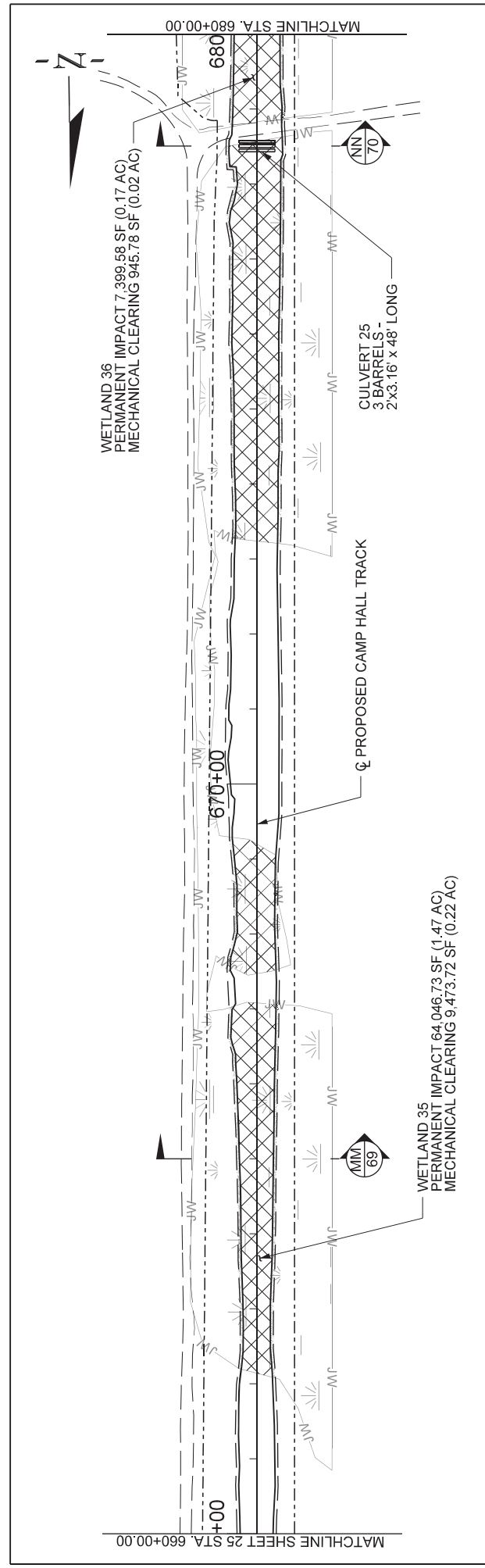
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TNWSECTION 10 WATERS	
	WETLANDS
	CONSTRUCTION AUTHORITY
	EXISTING ROAD
	NON-WETLAND WATERS
	LIMITS OF DISTURBANCE
	PERMANENT IMPACT
	PROPOSED ROAD
	RIGHT-OF-WAY (ROW)

IMPACTS	SF	AC
PERMANENT WETLAND IMPACT (CUT/FILL)	115,465.69	2.65
MECHANICAL CLEARING	23,749.48	0.55
PERMANENT CULVERT IMPACT	----	----
NON-WETLAND WATER	----	----
PERMANENT PIPE IMPACT	----	----
NON-WETLAND WATER	----	----
<b>TOTAL IMPACTS</b>	<b>139,215.17</b>	<b>3.20</b>



APPLICANT: PALMETTO RAILWAYS



IMPACTS		SF	AC
	PERMANENT WETLAND IMPACT (CUT/FILL)	155,523.56	3.57
	MECHANICAL CLEARING	23,700.67	0.54
	PERMANENT CULVERT IMPACT	----	----
	NON-WETLAND WATER	----	----
	PERMANENT PIPE IMPACT	----	----
	NON-WETLAND WATER	----	----
<b>TOTAL IMPACTS</b>		<b>179,224.23</b>	<b>4.11</b>

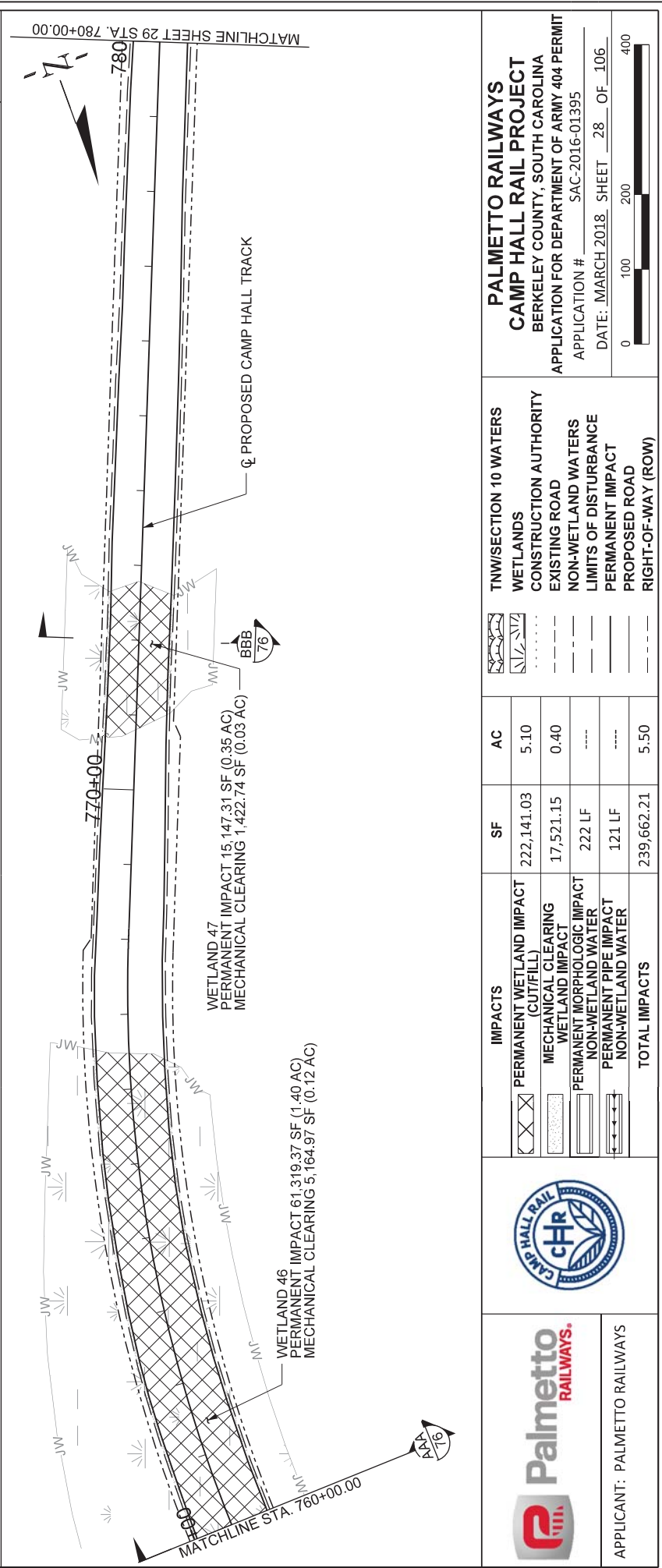
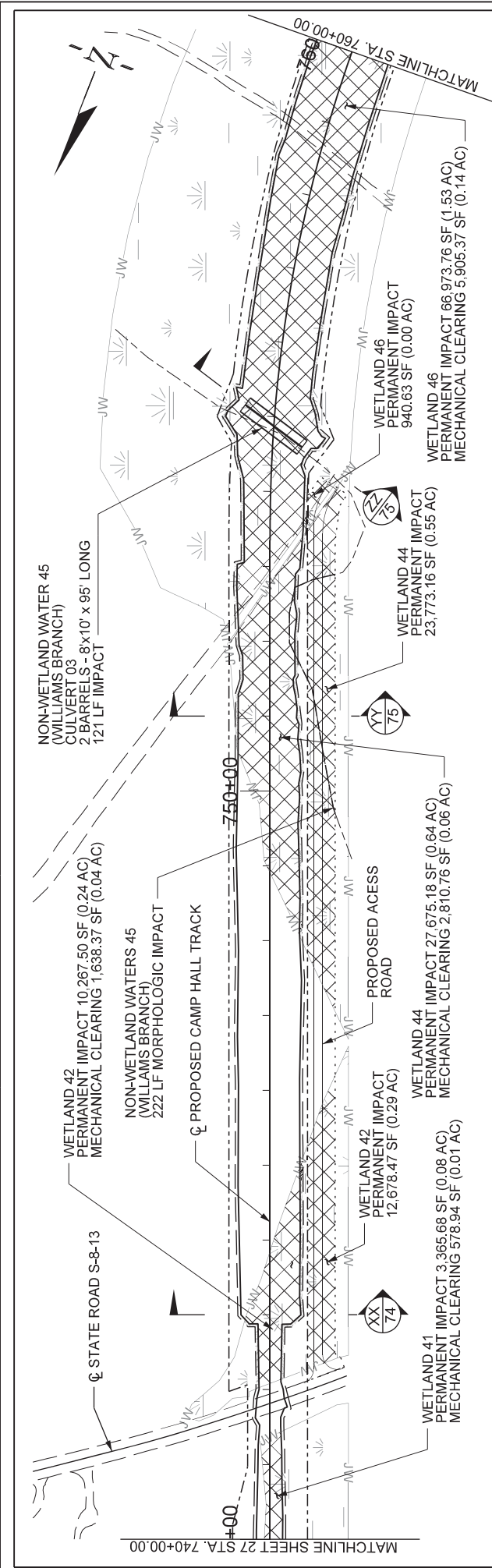
TN/SECTION	10 WATERS
	WETLANDS
	CONSTRUCTION AUTHORITY
	EXISTING ROAD
	NON-WETLAND WATERS
	LIMITS OF DISTURBANCE
	PERMANENT IMPACT
	PROPOSED ROAD
	RIGHT-OF-WAY (ROW)

		<b>PALMETTO RAILWAYS</b> BERKELEY COUNTY, SOUTH CAROLINA APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT APPLICATION # SAC-2016-01395 DATE: MARCH 2018 SHEET 26 OF 106	
APPLICANT: PALMETTO RAILWAYS			







**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
 APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
 APPLICATION # SAC-2016-01395  
 DATE: MARCH 2018 SHEET 28 OF 106

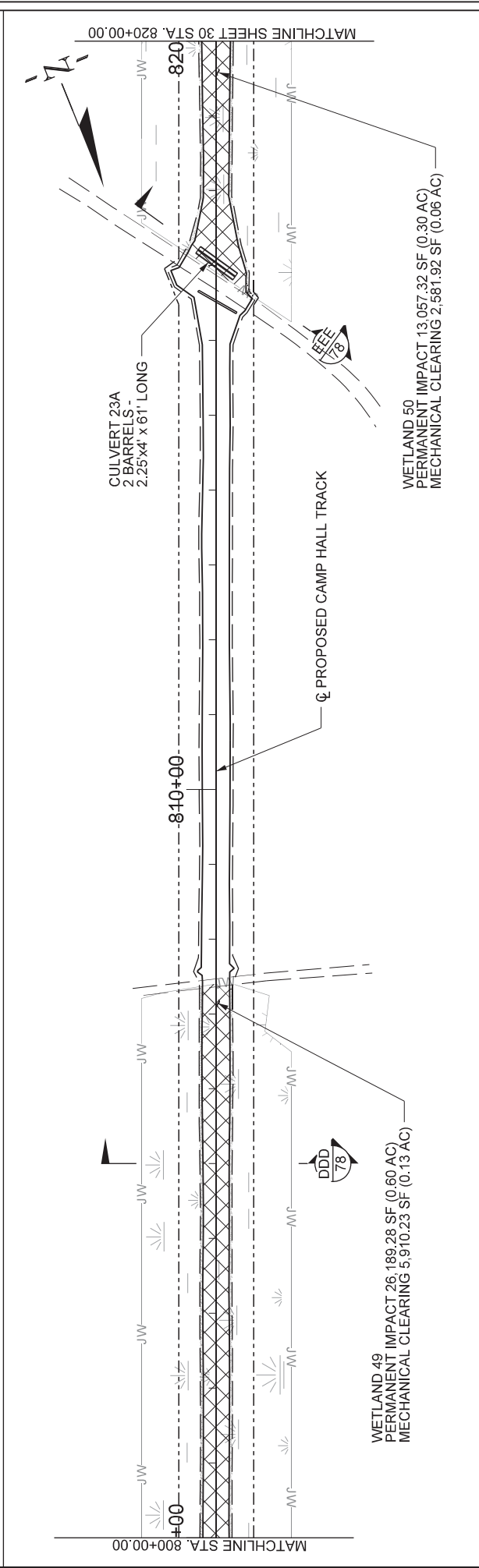
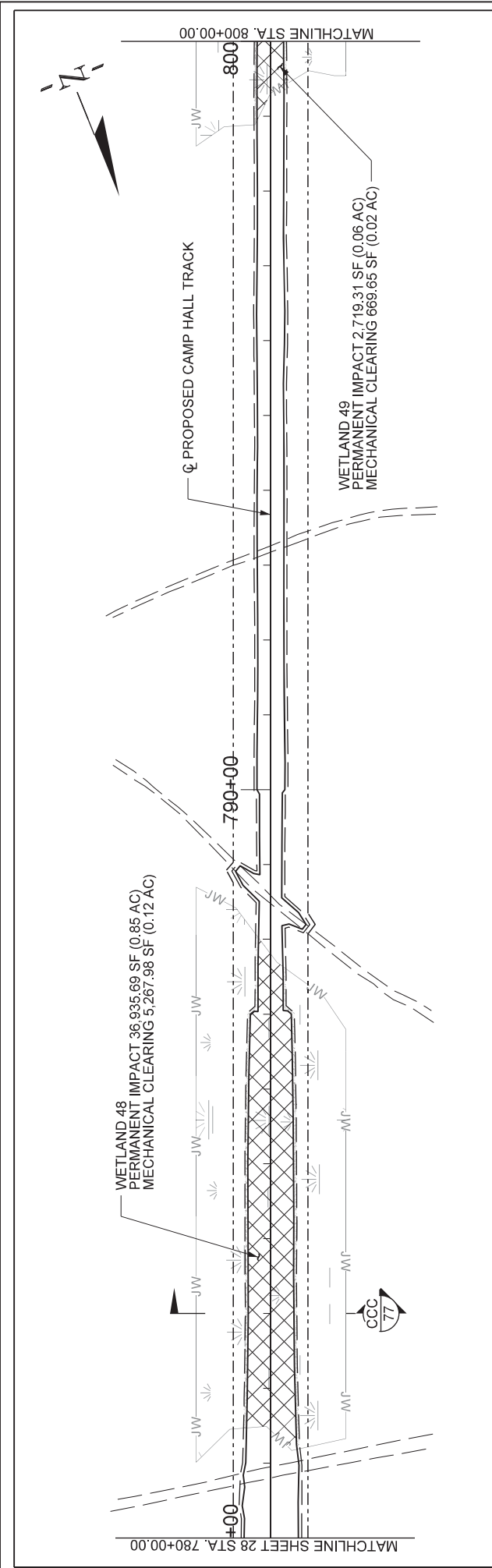
TN/SECTION 10 WATERS

WETLANDS	5.10
CONSTRUCTION AUTHORITY	0.40
EXISTING ROAD	---
NON-WETLAND WATERS	---
LIMITS OF DISTURBANCE	---
PERMANENT IMPACT	---
PROPOSED ROAD	---
RIGHT-OF-WAY (ROW)	5.50

IMPACTS	SF	AC
PERMANENT WETLAND IMPACT (CUT/FILL)	222,141.03	5.10
MECHANICAL CLEARING	17,521.15	0.40
PERMANENT MORPHOLOGIC IMPACT	222 LF	---
NON-WETLAND WATER	121 LF	---
PERMANENT PIPE IMPACT	---	---
NON-WETLAND WATER	---	---
<b>TOTAL IMPACTS</b>	<b>239,662.21</b>	<b>5.50</b>

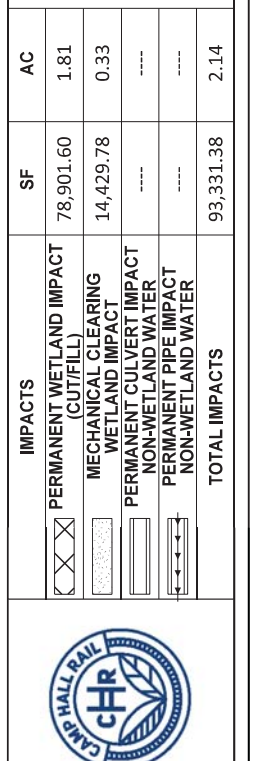
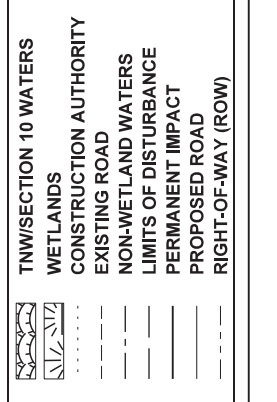


**Palmetto RAILWAYS**  
 APPLICANT: PALMETTO RAILWAYS

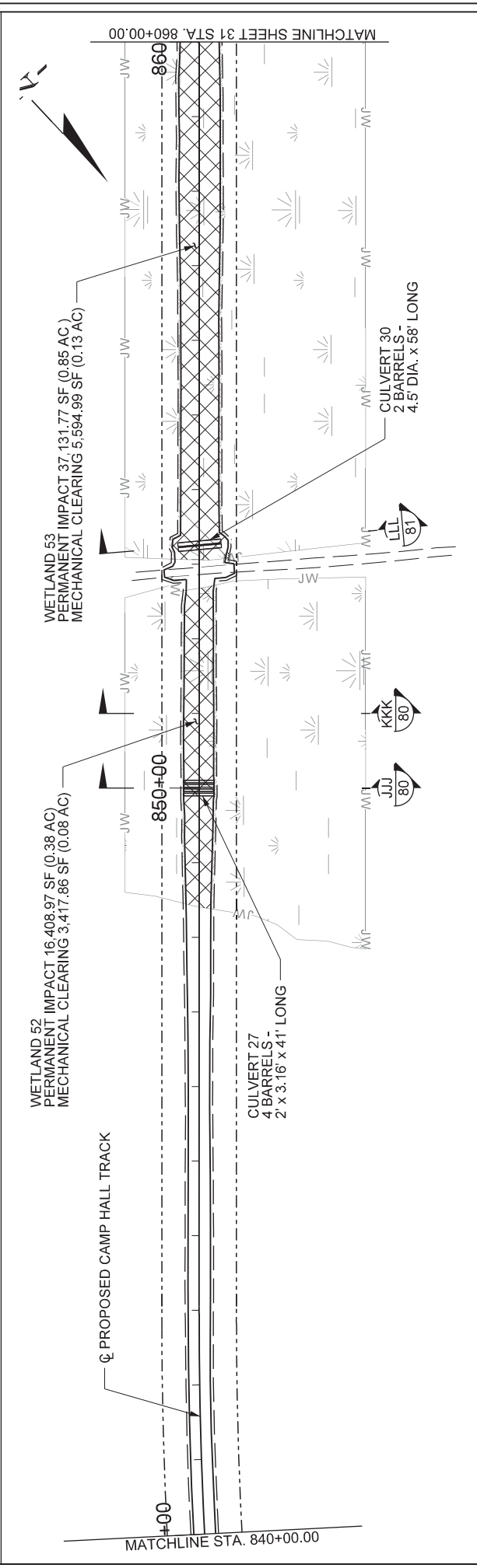
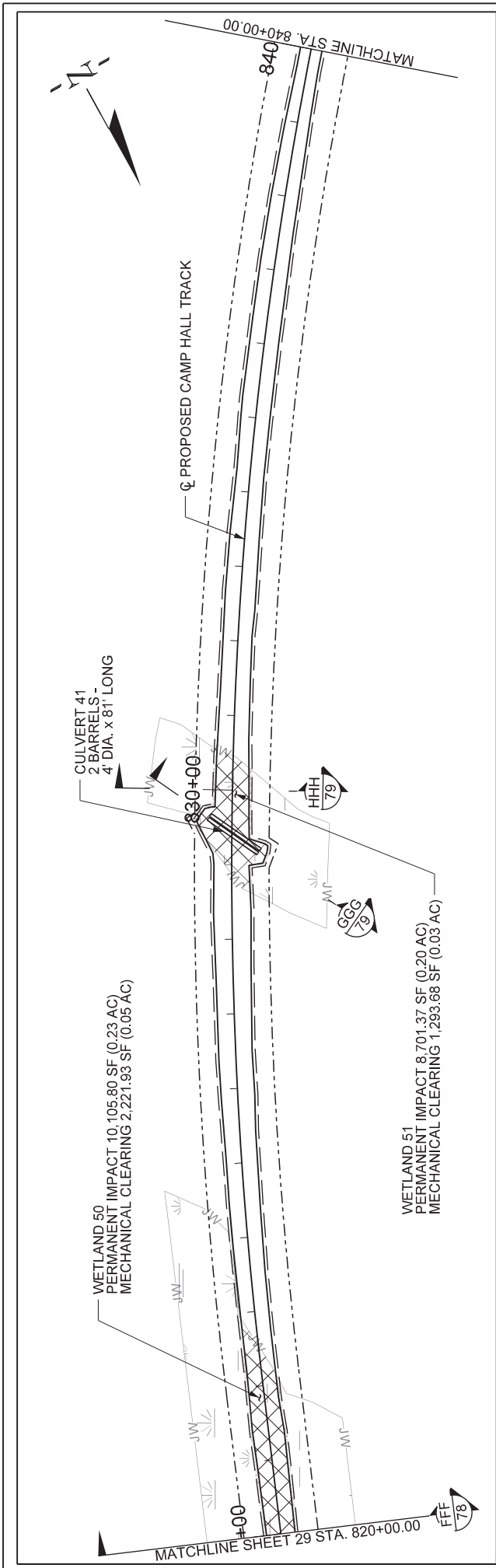


IMPACTS		SF	AC	TNW/SECTION 10 WATERS	
	PERMANENT WETLAND IMPACT (CUT/FILL)	78,901.60	1.81		WETLANDS
	MECHANICAL CLEARING WETLAND IMPACT	14,429.78	0.33		CONSTRUCTION AUTHORITY EXISTING ROAD
	PERMANENT CULVERT IMPACT NON-WETLAND WATER	----	----		NON-WETLAND WATERS
	PERMANENT PIPE IMPACT NON-WETLAND WATER	----	----		LIMITS OF DISTURBANCE
	TOTAL IMPACTS	93,331.38	2.14		PERMANENT IMPACT
					PROPOSED ROAD
					RIGHT-OF-WAY (ROW)

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
 APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
 APPLICATION # SAC-2016-01395  
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APPLICANT: PALMETTO RAILWAYS



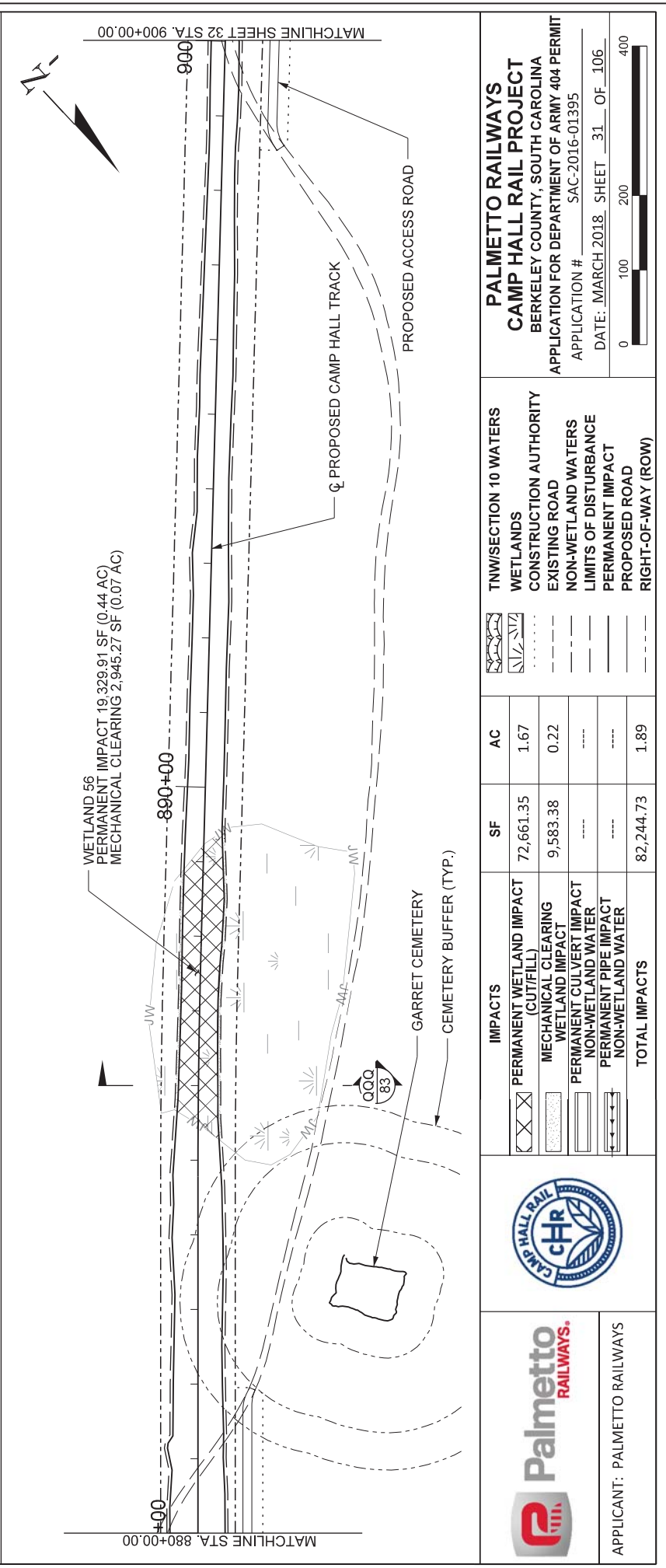
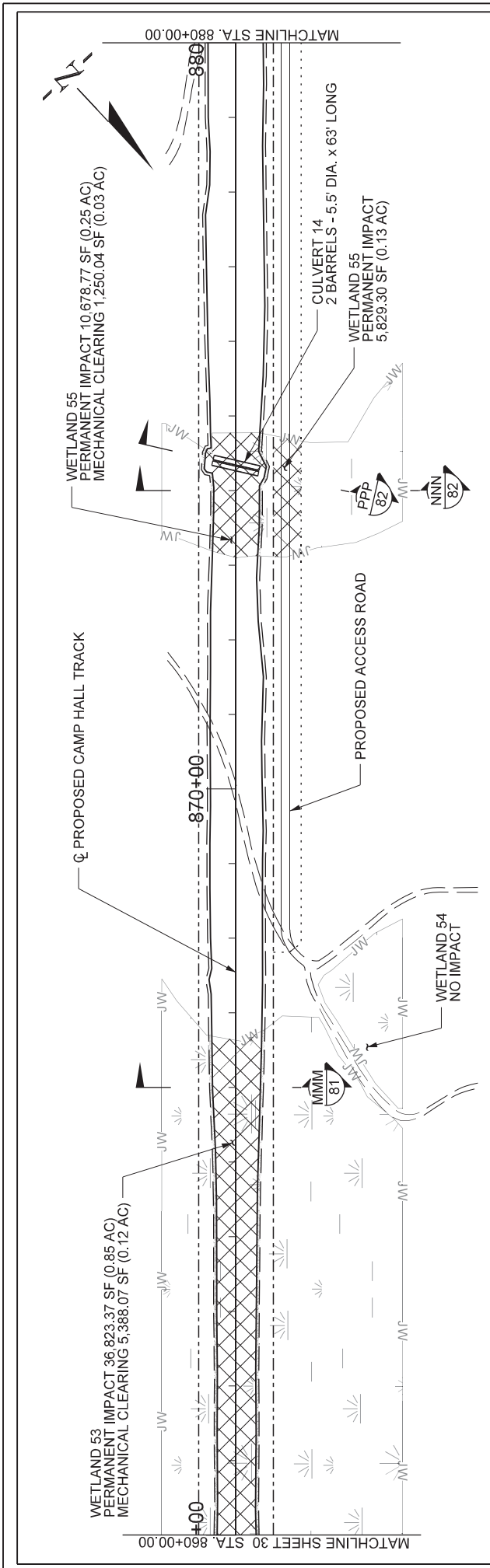
IMPACTS		SF	AC
	PERMANENT WETLAND IMPACT (CUT/FILL)	72,347.91	1.66
	MECHANICAL CLEARING WETLAND IMPACT	12,528.46	0.29
	PERMANENT CULVERT IMPACT NON-WETLAND WATER	----	----
	PERMANENT PIPE IMPACT NON-WETLAND WATER	----	----
<b>TOTAL IMPACTS</b>		<b>84,876.37</b>	<b>1.95</b>

TN/SECTION	10 WATERS
	WETLANDS
	CONSTRUCTION AUTHORITY
	EXISTING ROAD
	NON-WETLAND WATERS
	LIMITS OF DISTURBANCE
	PERMANENT IMPACT
	PROPOSED ROAD
	RIGHT-OF-WAY (ROW)

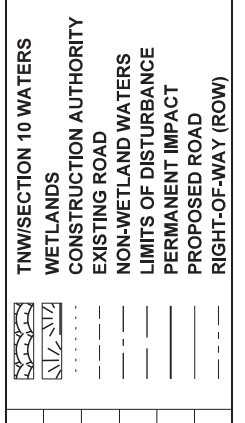
  

<b>PALMETTO RAILWAYS</b> BERKELEY COUNTY, SOUTH CAROLINA APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT APPLICATION # SAC-2016-01395 DATE: MARCH 2018 SHEET 30 OF 106	

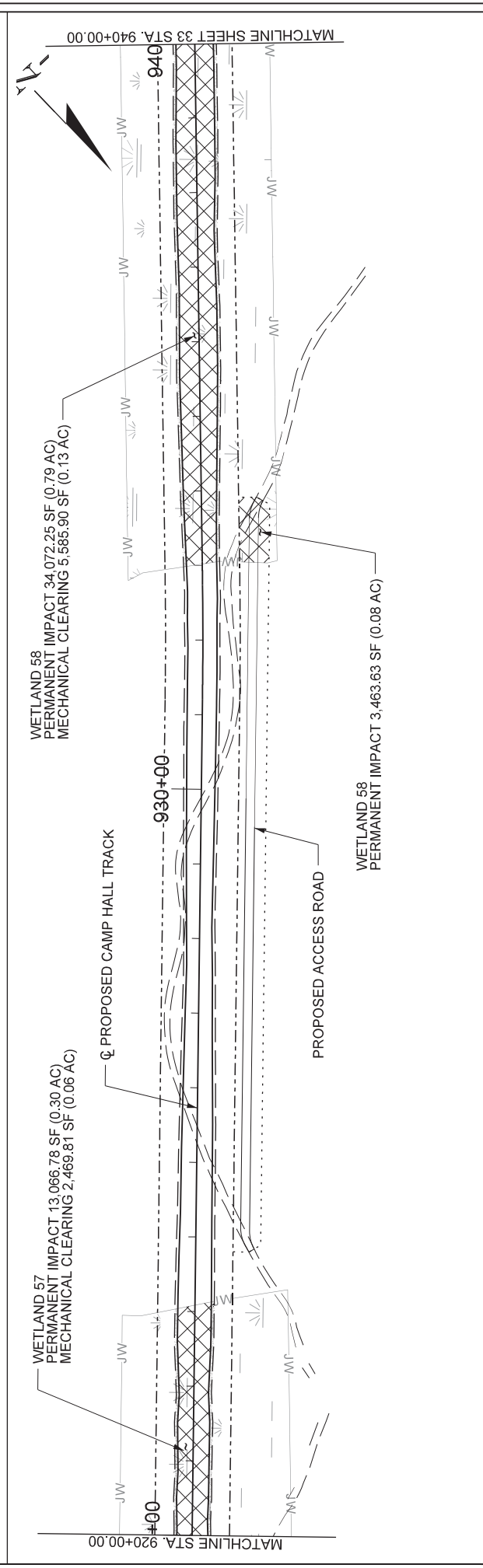
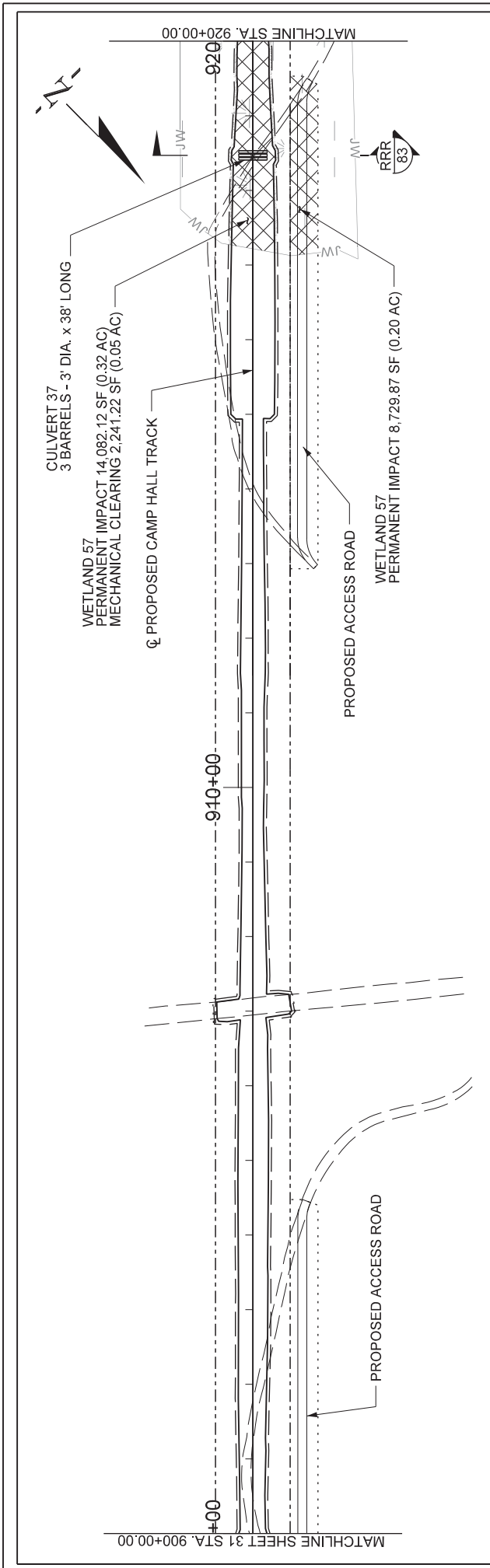


IMPACTS		AC	SF	TN/SECTION 10 WATERS
	PERMANENT WETLAND IMPACT (CUT/FILL)	1.67	72,661.35	WETLANDS
	MECHANICAL CLEARING	0.22	9,583.38	CONSTRUCTION AUTHORITY
	WETLAND IMPACT			EXISTING ROAD
	PERMANENT CULVERT IMPACT			NON-WETLAND WATERS
	NON-WETLAND WATER			LIMITS OF DISTURBANCE
	PERMANENT PIPE IMPACT			PERMANENT IMPACT
	NON-WETLAND WATER			PROPOSED ROAD
	<b>TOTAL IMPACTS</b>	<b>1.89</b>	<b>82,244.73</b>	<b>RIGHT-OF-WAY (ROW)</b>

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
 APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
 APPLICATION # SAC-2016-01395  
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APPLICANT: PALMETTO RAILWAYS



IMPACTS		SF	AC
	PERMANENT WETLAND IMPACT (CUT/FILL)	73,414.65	1.69
	MECHANICAL CLEARING	10,296.93	0.24
	PERMANENT CULVERT IMPACT	---	---
	NON-WETLAND WATER	---	---
	PERMANENT PIPE IMPACT	---	---
	NON-WETLAND WATER	---	---
<b>TOTAL IMPACTS</b>		<b>83,711.58</b>	<b>1.93</b>

TN/SECTION	10 WATERS
	WETLANDS
	CONSTRUCTION AUTHORITY
	EXISTING ROAD
	NON-WETLAND WATERS
	LIMITS OF DISTURBANCE
	PERMANENT IMPACT
	PROPOSED ROAD
	RIGHT-OF-WAY (ROW)

APPLICANT: PALMETTO RAILWAYS	

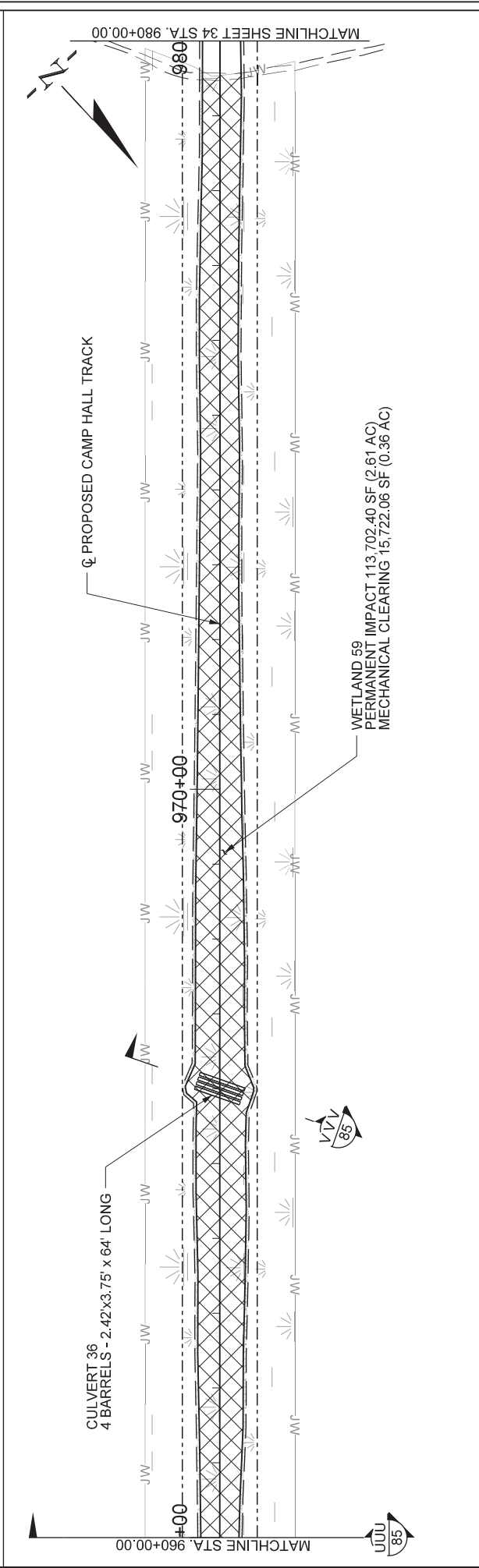
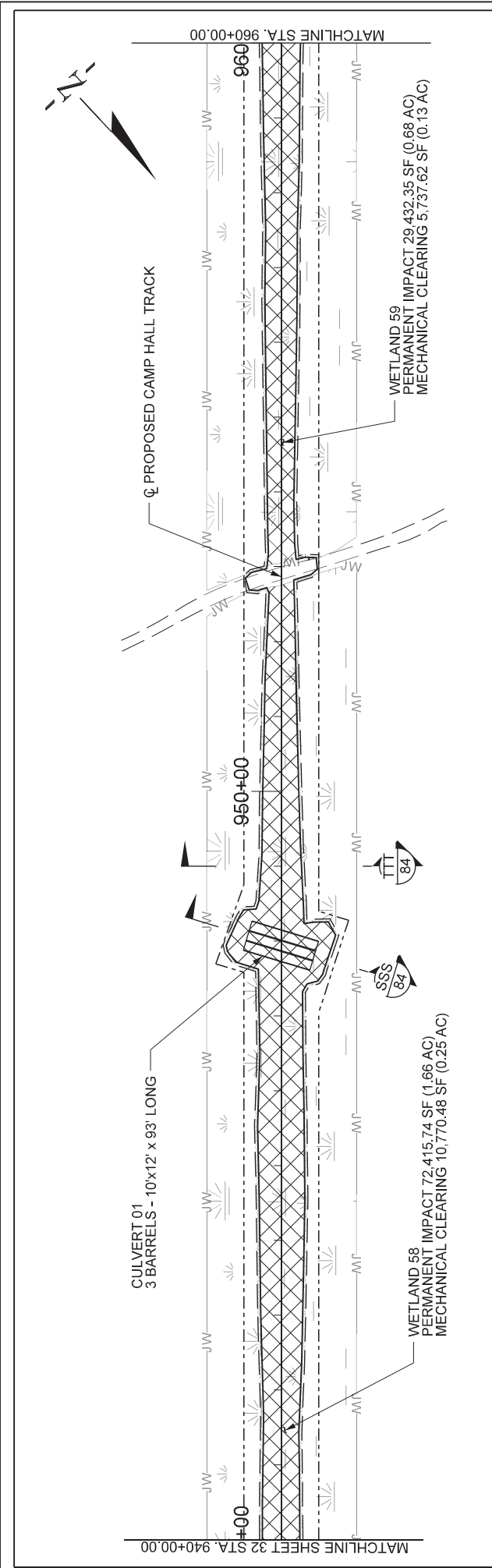
  

PALMETTO RAILWAYS	

<b>PALMETTO RAILWAYS</b> BERKELEY COUNTY, SOUTH CAROLINA APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT APPLICATION # SAC-2016-01395 DATE: MARCH 2018 SHEET 32 OF 106	





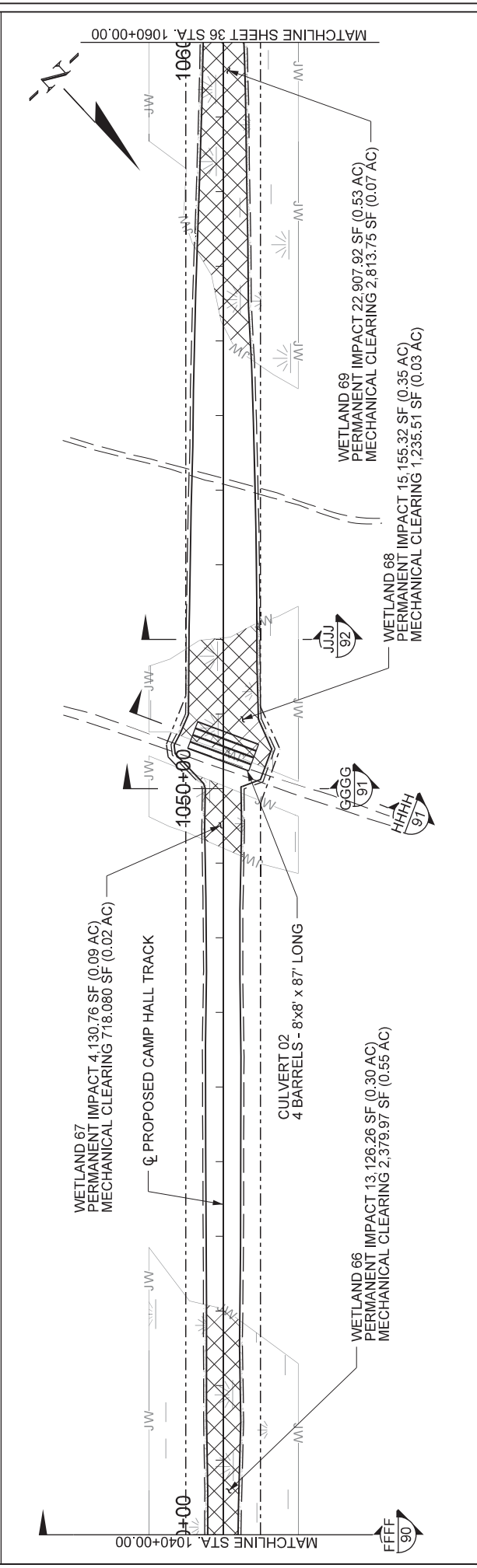
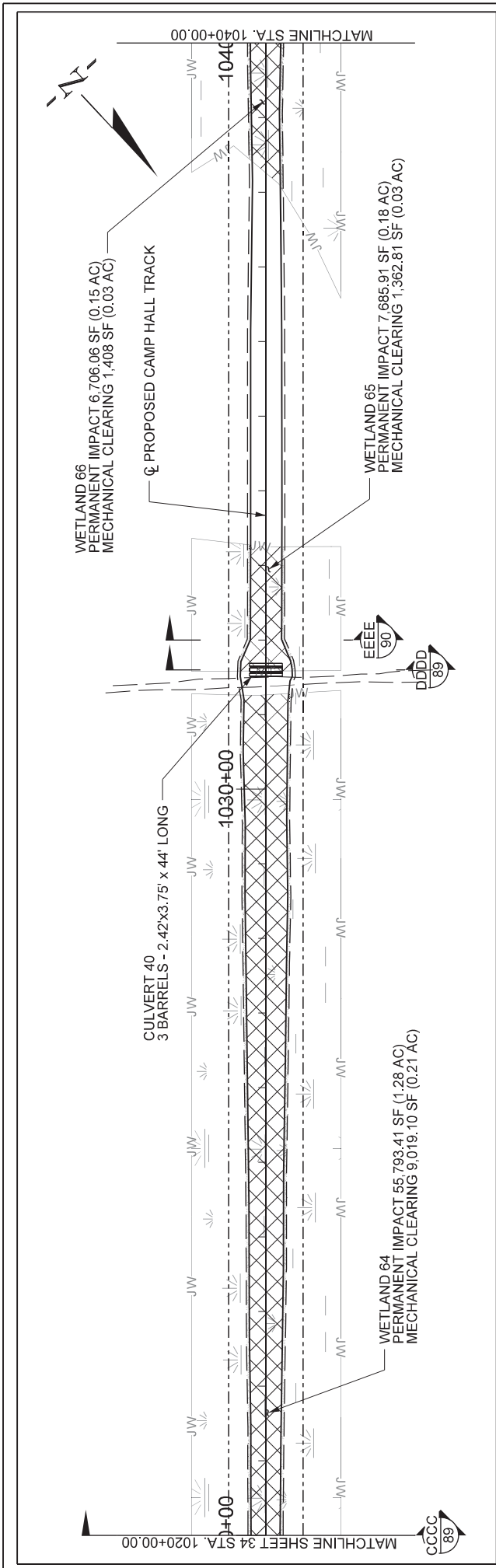
IMPACTS		SF	AC	TNW/SECTION 10 WATERS	
	PERMANENT WETLAND IMPACT (CUT/FILL)	215,550.49	4.95		WETLANDS
	MECHANICAL CLEARING WETLAND IMPACT	32,230.16	0.74		CONSTRUCTION AUTHORITY EXISTING ROAD
	PERMANENT CULVERT IMPACT NON-WETLAND WATER	----	----		NON-WETLAND WATERS
	PERMANENT PIPE IMPACT NON-WETLAND WATER	----	----		LIMITS OF DISTURBANCE
	TOTAL IMPACTS	247,780.65	5.69		PERMANENT IMPACT
					PROPOSED ROAD
					RIGHT-OF-WAY (ROW)


  

		<b>PALMETTO RAILWAYS</b> CAMP HALL RAIL PROJECT BERKELEY COUNTY, SOUTH CAROLINA APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT APPLICATION # SAC-2016-01395 DATE: MARCH 2018 SHEET 33 OF 106	
APPLICANT: PALMETTO RAILWAYS			











**Palmetto**  
RAILWAYS.



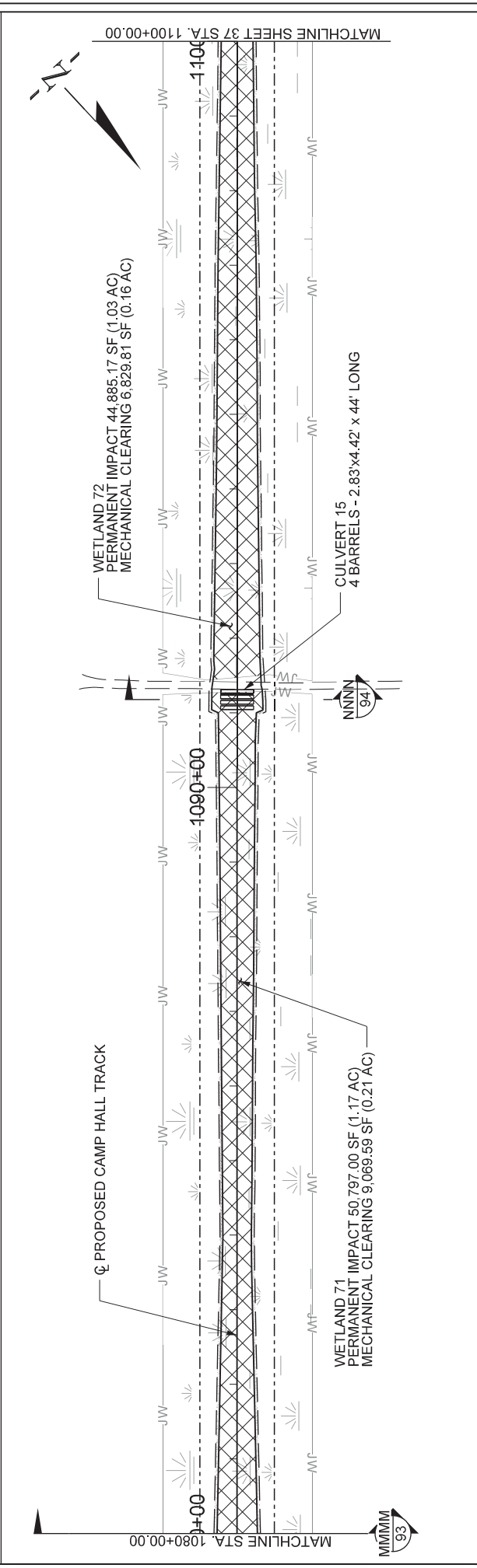
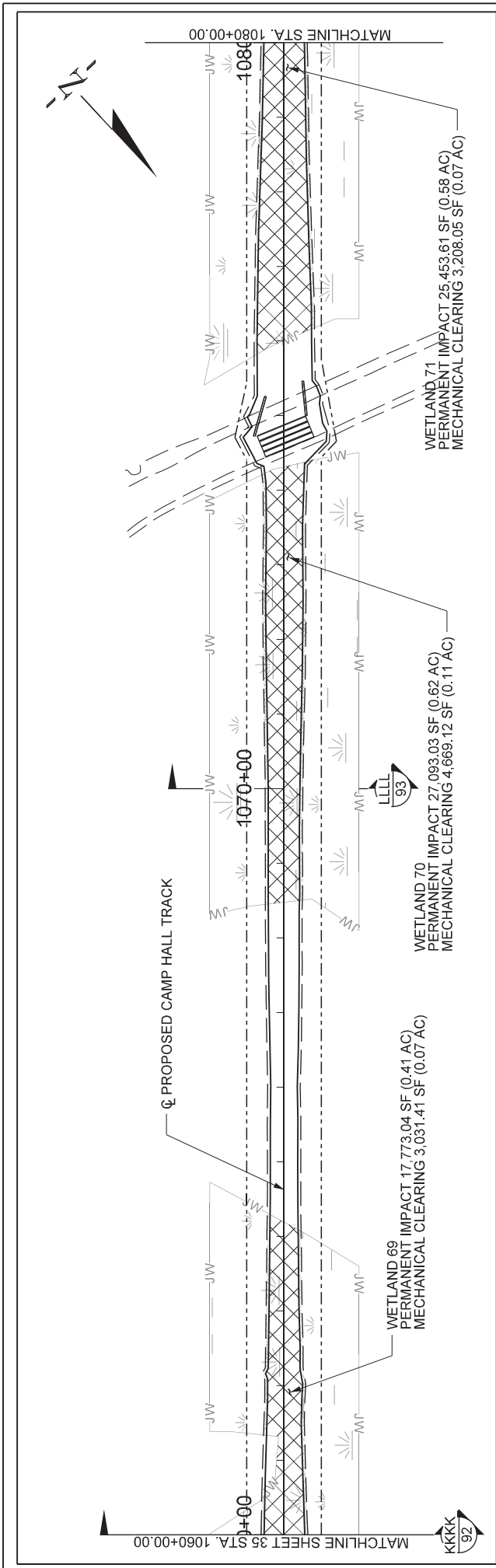
**CAMP HALL RAIL**  
AUTHORITY

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
BERKELEY COUNTY, SOUTH CAROLINA  
APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
APPLICATION # SAC-2016-01395  
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IMPACTS	SF	AC	TNW/SECTION 10 WATERS
PERMANENT WETLAND IMPACT (CUT/FILL)	125,505.64	2.88	WETLANDS
MECHANICAL CLEARING	40,349.76	0.93	CONSTRUCTION AUTHORITY
WETLAND IMPACT	---	---	EXISTING ROAD
PERMANENT CULVERT IMPACT	---	---	NON-WETLAND WATERS
PERMANENT PIPE IMPACT	---	---	LIMITS OF DISTURBANCE
NON-WETLAND WATER	---	---	PERMANENT IMPACT
<b>TOTAL IMPACTS</b>	<b>165,855.40</b>	<b>3.81</b>	PROPOSED ROAD
			RIGHT-OF-WAY (ROW)



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IMPACTS		SF	AC
	PERMANENT WETLAND IMPACT (CUT/FILL)	166,001.85	3.81
	MECHANICAL CLEARING	26,807.98	0.62
	PERMANENT WETLAND IMPACT	---	---
	NON-WETLAND WATER	---	---
	PERMANENT PIPE IMPACT	---	---
	NON-WETLAND WATER	---	---
<b>TOTAL IMPACTS</b>		<b>192,809.83</b>	<b>4.43</b>

TNWSECTION 10 WATERS	
	WETLANDS
	CONSTRUCTION AUTHORITY
	EXISTING ROAD
	NON-WETLAND WATERS
	LIMITS OF DISTURBANCE
	PERMANENT IMPACT
	PROPOSED ROAD
	RIGHT-OF-WAY (ROW)

 <b>Palmetto RAILWAYS.</b>	<b>PALMETTO RAILWAYS</b>
	APPLICANT: PALMETTO RAILWAYS

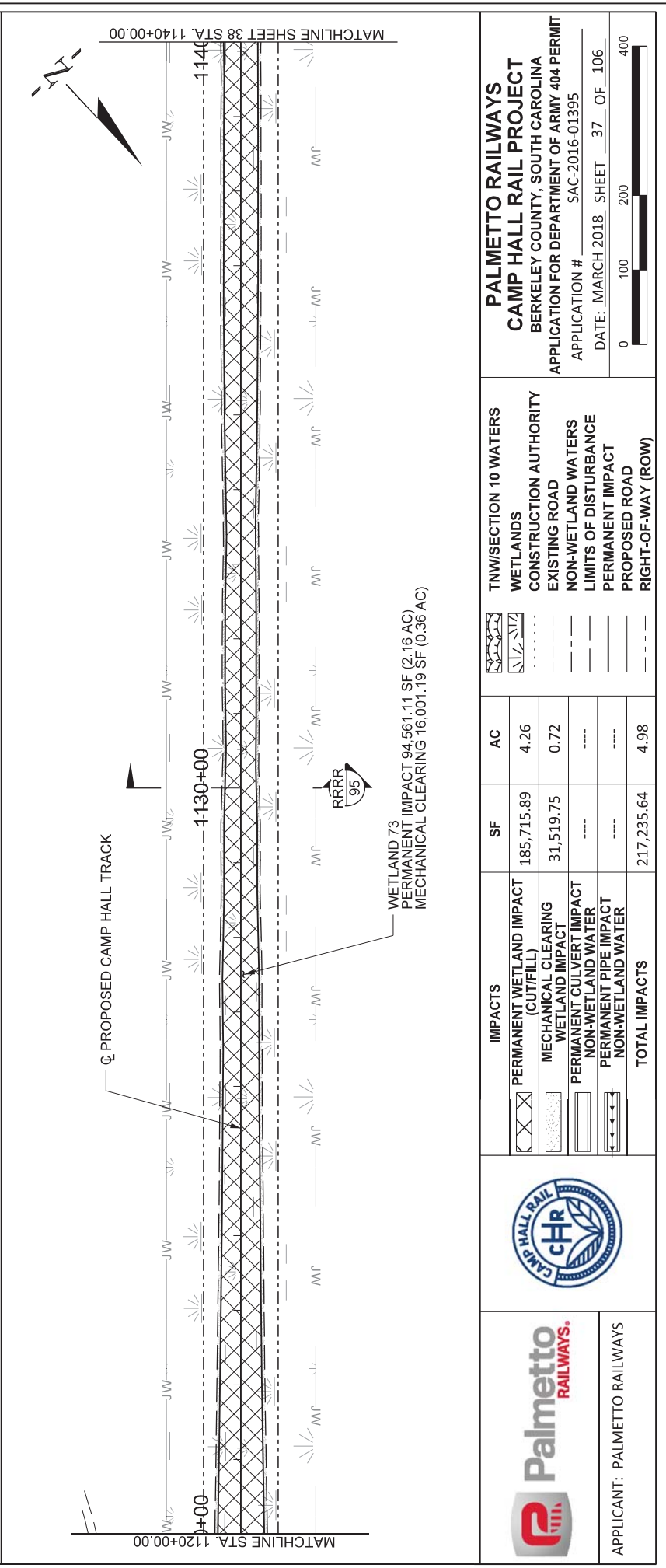
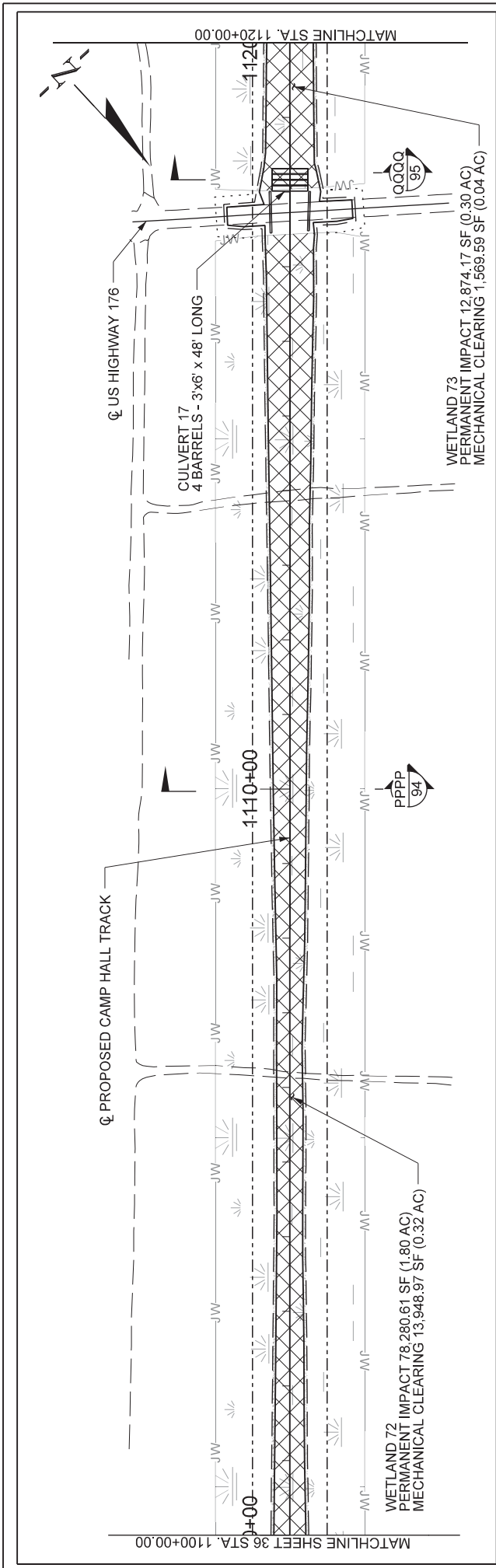
	<b>PALMETTO RAILWAYS</b>
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<b>PALMETTO RAILWAYS</b>	<b>CAMP HALL RAIL PROJECT</b>
BERKELEY COUNTY, SOUTH CAROLINA	APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT
APPLICATION # SAC-2016-01395	DATE: MARCH 2018 SHEET 36 OF 106

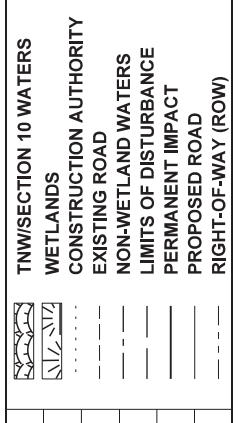
  

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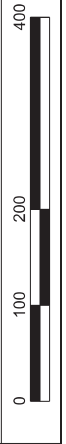


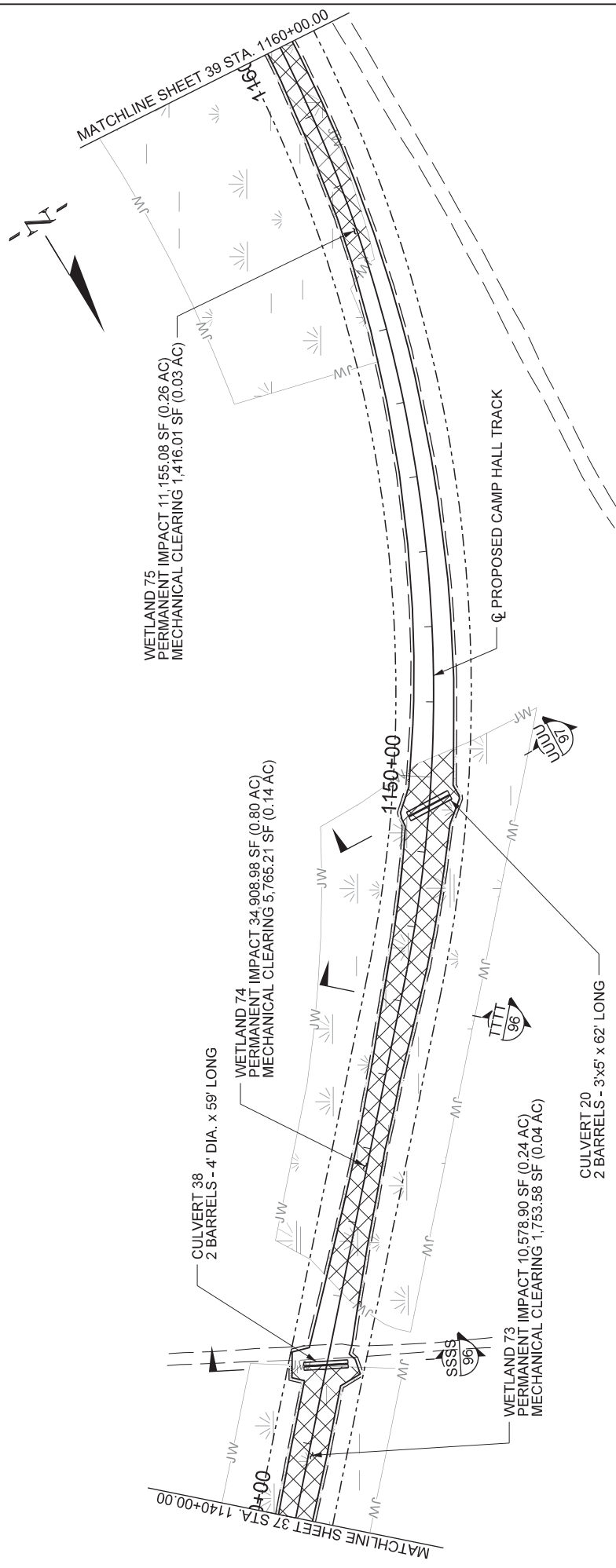
IMPACTS		SF	AC	TNWSECTION 10 WATERS	
	PERMANENT WETLAND IMPACT (CUT/FILL)	185,715.89	4.26		WETLANDS
	MECHANICAL CLEARING WETLAND IMPACT	31,519.75	0.72		CONSTRUCTION AUTHORITY EXISTING ROAD
	PERMANENT CULVERT IMPACT NON-WETLAND WATER	----	----		LIMITS OF DISTURBANCE
	PERMANENT PIPE IMPACT NON-WETLAND WATER	----	----		PERMANENT IMPACT PROPOSED ROAD
<b>TOTAL IMPACTS</b>		<b>217,235.64</b>	<b>4.98</b>		RIGHT-OF-WAY (ROW)

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
 APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
 APPLICATION # SAC-2016-01395  
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**Palmetto RAILWAYS**  
 APPLICANT: PALMETTO RAILWAYS





IMPACTS		SF	AC
	PERMANENT WETLAND IMPACT (CUT/FILL)	56,642.96	1.30
	MECHANICAL CLEARING WETLAND IMPACT	8,934.80	0.21
	PERMANENT CULVERT IMPACT NON-WETLAND WATER	----	----
	PERMANENT PIPE IMPACT NON-WETLAND WATER	----	----
<b>TOTAL IMPACTS</b>		<b>65,577.76</b>	<b>1.51</b>

TN/SECTION	10 WATERS
	WETLANDS
	CONSTRUCTION AUTHORITY EXISTING ROAD
	NON-WETLAND WATERS LIMITS OF DISTURBANCE
	PERMANENT IMPACT PROPOSED ROAD
	RIGHT-OF-WAY (ROW)

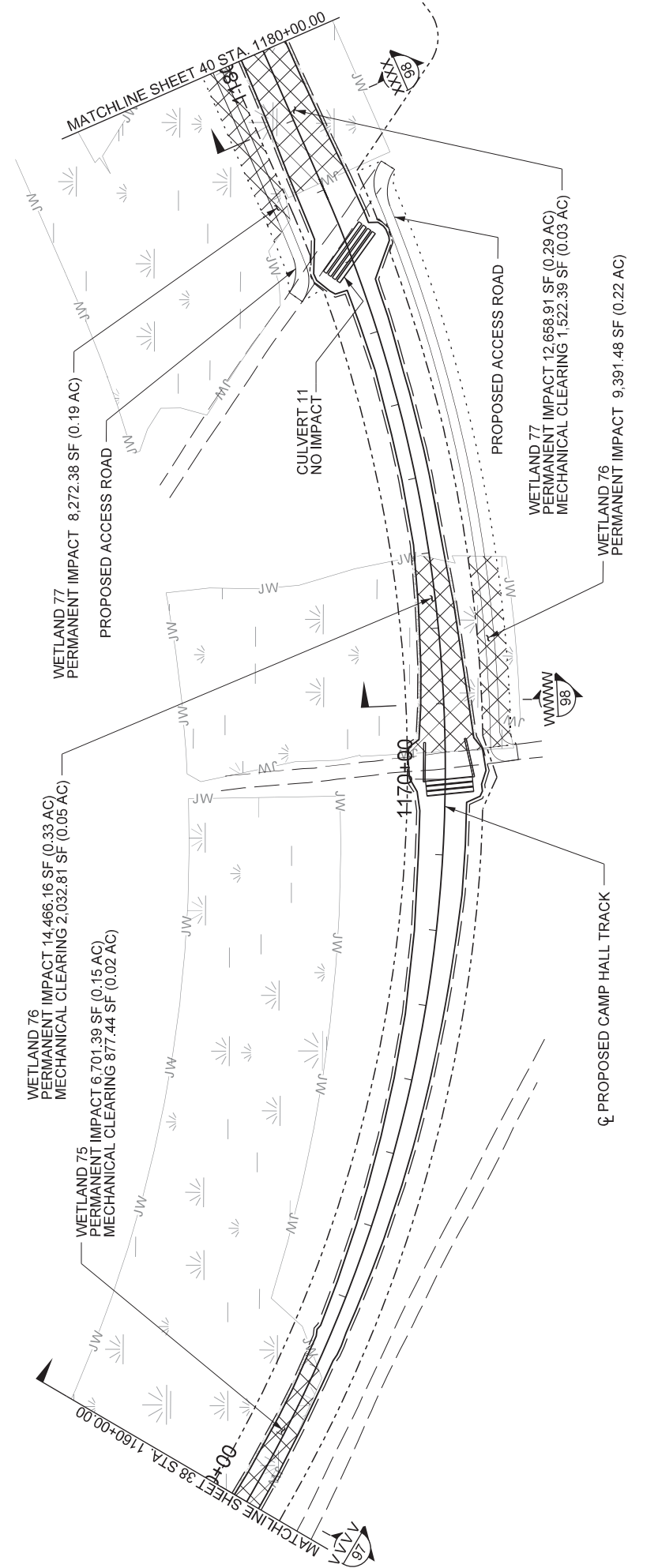
  

<b>PALMETTO RAILWAYS</b> <b>CAMP HALL RAIL PROJECT</b> BERKELEY COUNTY, SOUTH CAROLINA APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT APPLICATION # SAC-2016-01395 DATE: MARCH 2018 SHEET 38 OF 106	
 0 100 200 400	

APPLICANT: PALMETTO RAILWAYS	





**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
 APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
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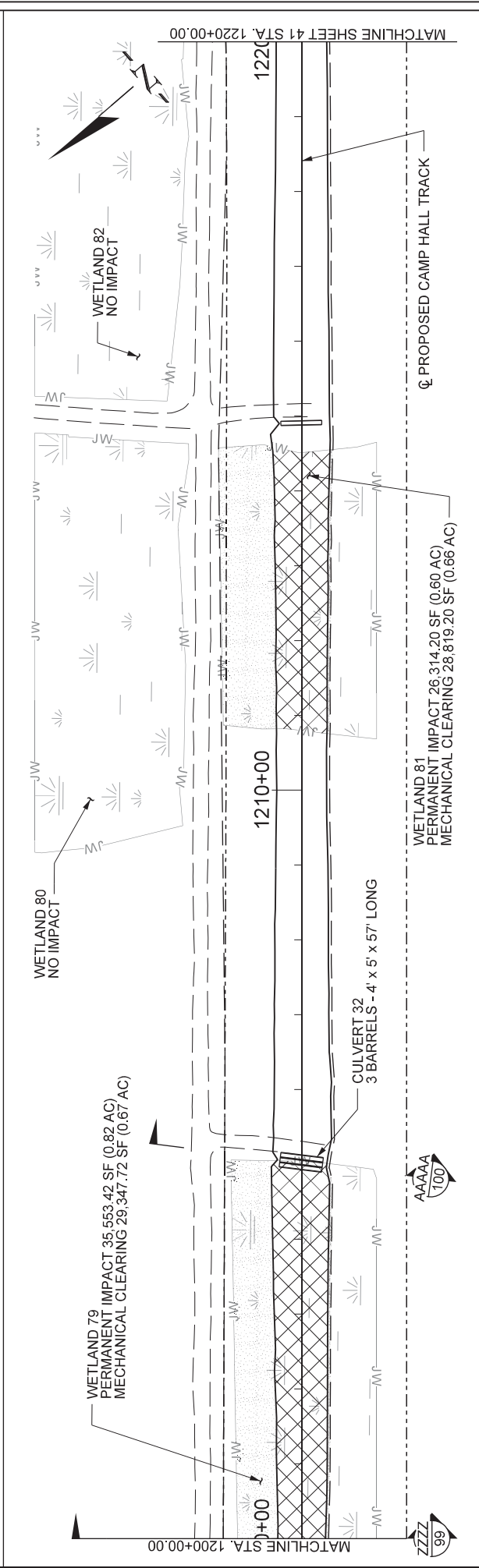
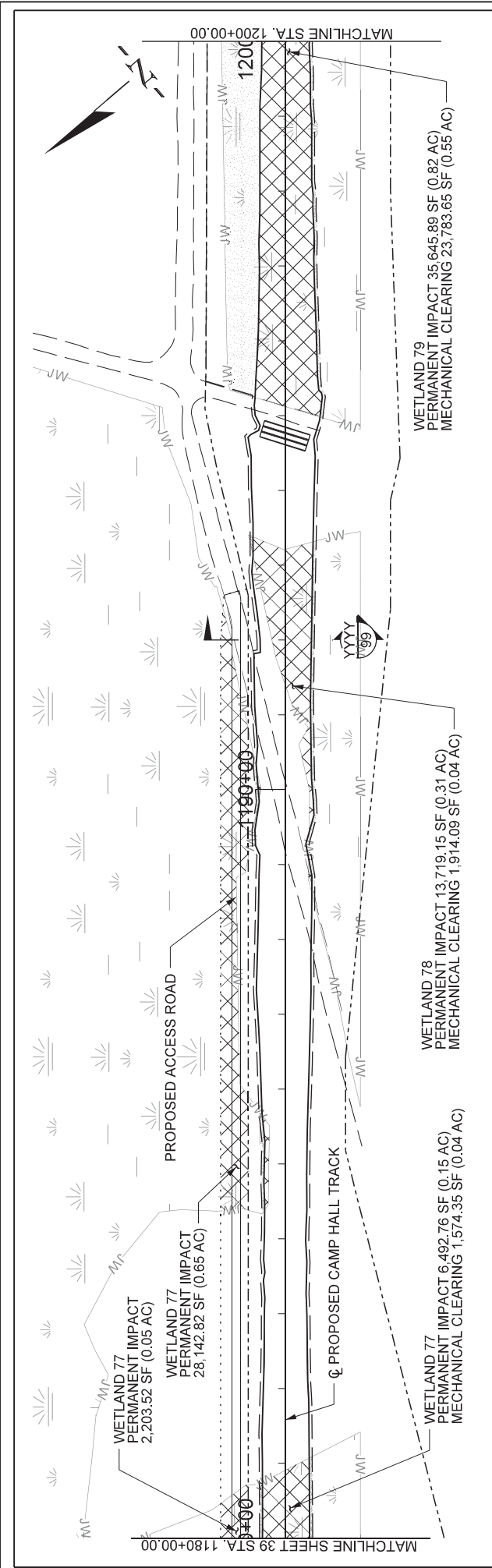
**TN/SECTION 10 WATERS**

WETLANDS	---
CONSTRUCTION AUTHORITY	---
EXISTING ROAD	---
NON-WETLAND WATERS	---
LIMITS OF DISTURBANCE	---
PERMANENT IMPACT	---
PROPOSED ROAD	---
RIGHT-OF-WAY (ROW)	---

IMPACTS	SF	AC
PERMANENT WETLAND IMPACT (CUT/FILL)	51,490.32	1.18
MECHANICAL CLEARING WETLAND IMPACT	4,432.64	0.10
PERMANENT CULVERT IMPACT	---	---
NON-WETLAND WATER PERMANENT PIPE IMPACT	---	---
NON-WETLAND WATER	---	---
<b>TOTAL IMPACTS</b>	<b>55,922.96</b>	<b>1.28</b>



APPLICANT: PALMETTO RAILWAYS

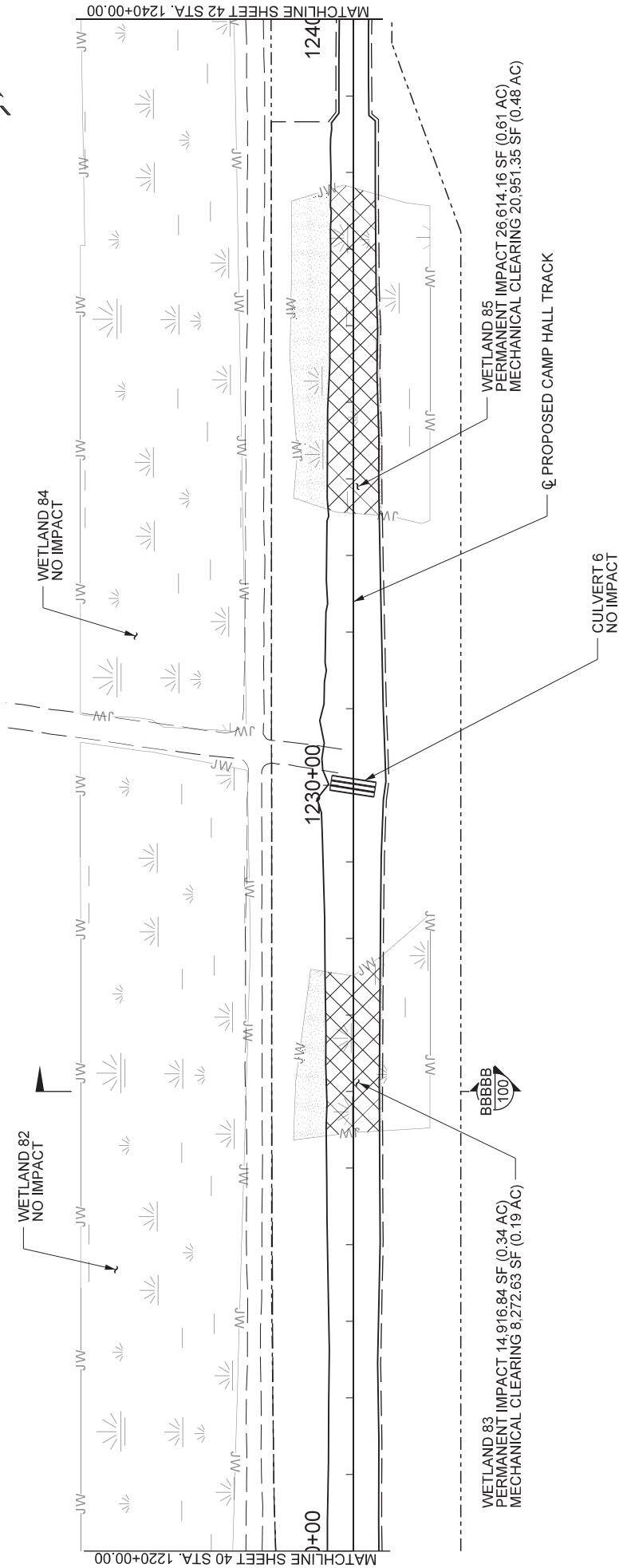


APPLICANT: PALMETTO RAILWAYS

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
BERKELEY COUNTY, SOUTH CAROLINA  
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IMPACTS	SF	AC	TNW/SECTION 10 WATERS
PERMANENT WETLAND IMPACT (CUT/FILL)	148,071.78	3.40	WETLANDS
MECHANICAL CLEARING	85,439.01	1.96	CONSTRUCTION AUTHORITY
PERMANENT CULVERT IMPACT	----	----	EXISTING ROAD
NON-WETLAND WATER	----	----	NON-WETLAND WATERS
PERMANENT PIPE IMPACT	----	----	LIMITS OF DISTURBANCE
NON-WETLAND WATER	----	----	PERMANENT IMPACT
<b>TOTAL IMPACTS</b>	<b>233,510.79</b>	<b>5.36</b>	PROPOSED ROAD
			RIGHT-OF-WAY (ROW)

0 100 200 400



**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
 APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
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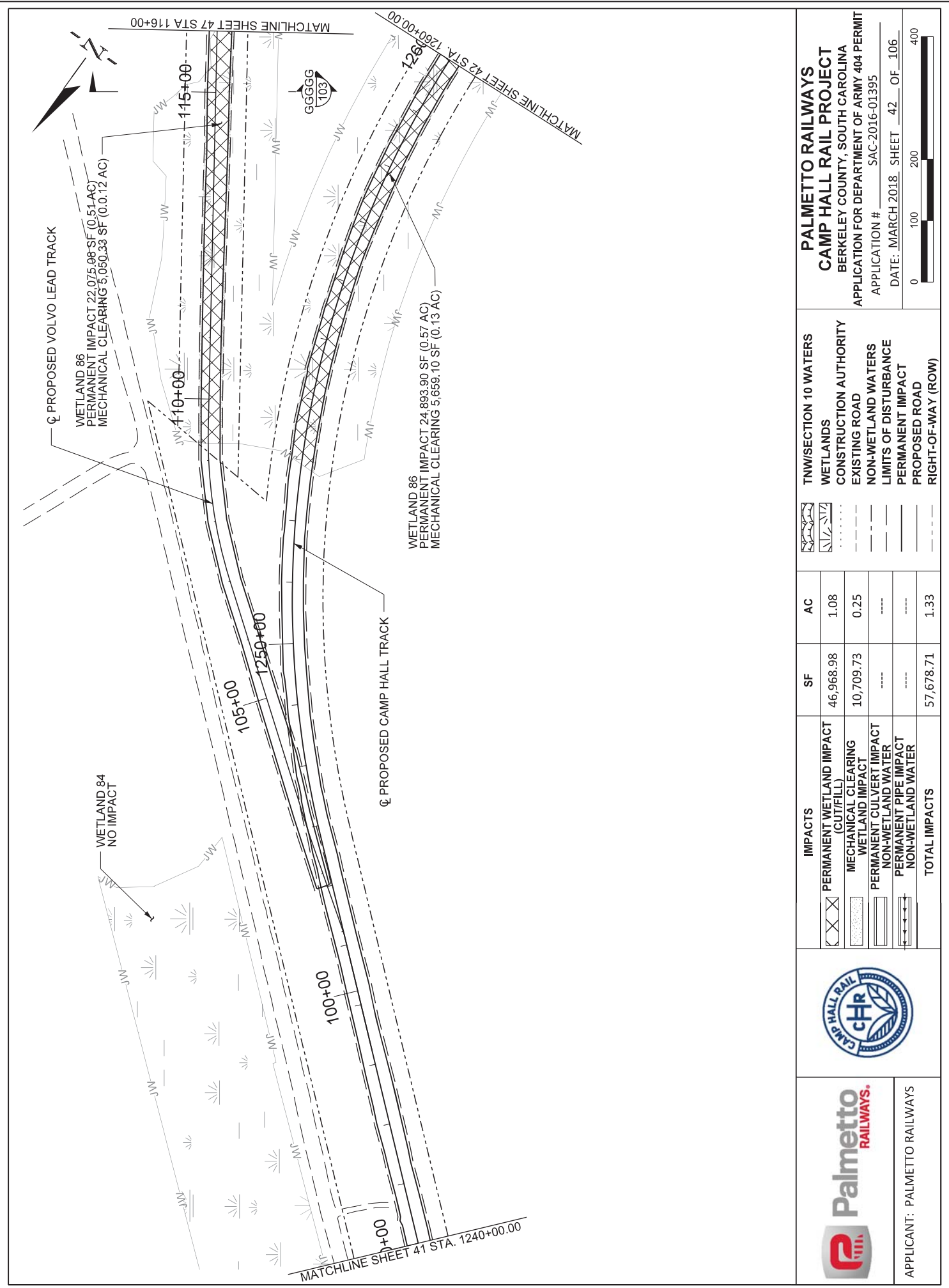


TNW/SECTION 10 WATERS	
	WETLANDS
	CONSTRUCTION AUTHORITY
	EXISTING ROAD
	NON-WETLAND WATERS
	LIMITS OF DISTURBANCE
	PERMANENT IMPACT
	PROPOSED ROAD
	RIGHT-OF-WAY (ROW)

IMPACTS	SF	AC
PERMANENT WETLAND IMPACT (CUT/FILL)	41,531.00	0.95
MECHANICAL CLEARING WETLAND IMPACT	29,223.98	0.67
PERMANENT CULVERT IMPACT	----	----
NON-WETLAND WATER PERMANENT PIPE IMPACT	----	----
NON-WETLAND WATER	----	----
<b>TOTAL IMPACTS</b>	<b>79,754.98</b>	<b>1.62</b>



APPLICANT: PALMETTO RAILWAYS



**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
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 APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
 APPLICATION # SAC-2016-01395  
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TN/SECTION 10 WATERS

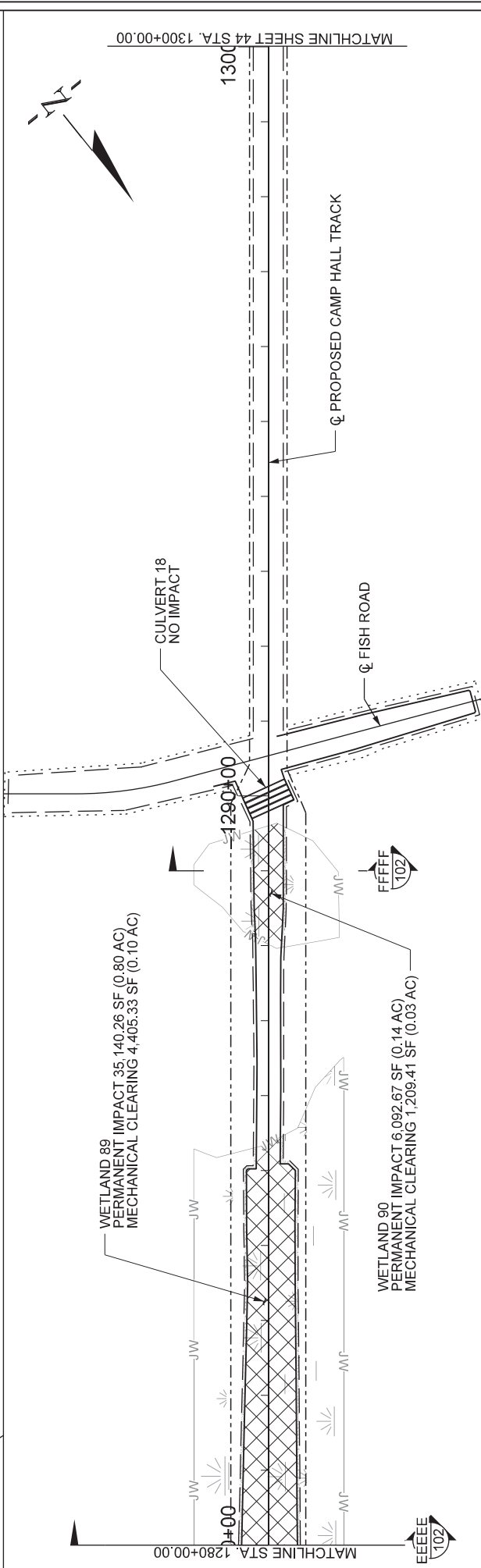
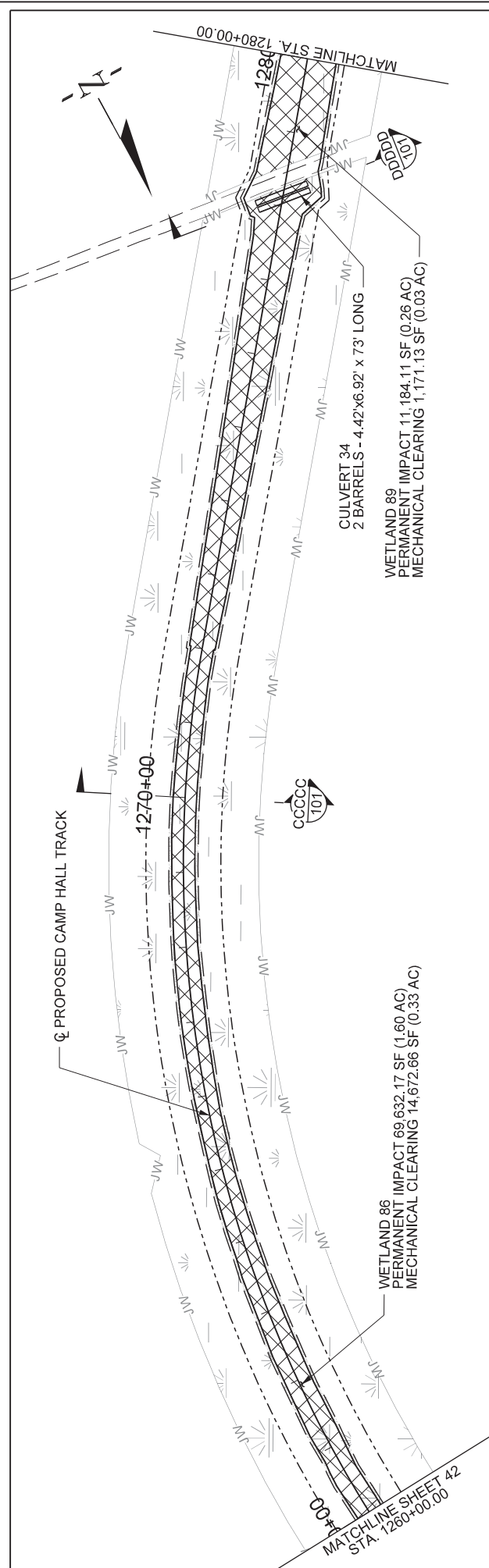
WETLANDS	WETLAND 86
CONSTRUCTION AUTHORITY	PERMANENT IMPACT 22,075.98 SF (0.51 AC)
EXISTING ROAD	MECHANICAL CLEARING 5,050.33 SF (0.12 AC)
NON-WETLAND WATERS	
LIMITS OF DISTURBANCE	
PERMANENT IMPACT	
PROPOSED ROAD	
RIGHT-OF-WAY (ROW)	

IMPACTS	SF	AC
PERMANENT WETLAND IMPACT (CUT/FILL)	46,968.98	1.08
MECHANICAL CLEARING WETLAND IMPACT	10,709.73	0.25
PERMANENT CULVERT IMPACT NON-WETLAND WATER	----	----
PERMANENT PIPE IMPACT NON-WETLAND WATER	----	----
<b>TOTAL IMPACTS</b>	<b>57,678.71</b>	<b>1.33</b>



**Palmetto RAILWAYS**

APPLICANT: PALMETTO RAILWAYS



IMPACTS		SF	AC	TNW/SECTION 10 WATERS	
	PERMANENT WETLAND IMPACT (CUT/FILL)	122,049.21	2.81		WETLANDS
	MECHANICAL CLEARING	21,458.53	0.49		CONSTRUCTION AUTHORITY
	PERMANENT WETLAND IMPACT	---	---		EXISTING ROAD
	NON-WETLAND WATER	---	---		NON-WETLAND WATERS
	PERMANENT PIPE IMPACT	---	---		LIMITS OF DISTURBANCE
	NON-WETLAND WATER	---	---		PERMANENT IMPACT
<b>TOTAL IMPACTS</b>		<b>143,507.74</b>	<b>3.30</b>		PROPOSED ROAD
					RIGHT-OF-WAY (ROW)



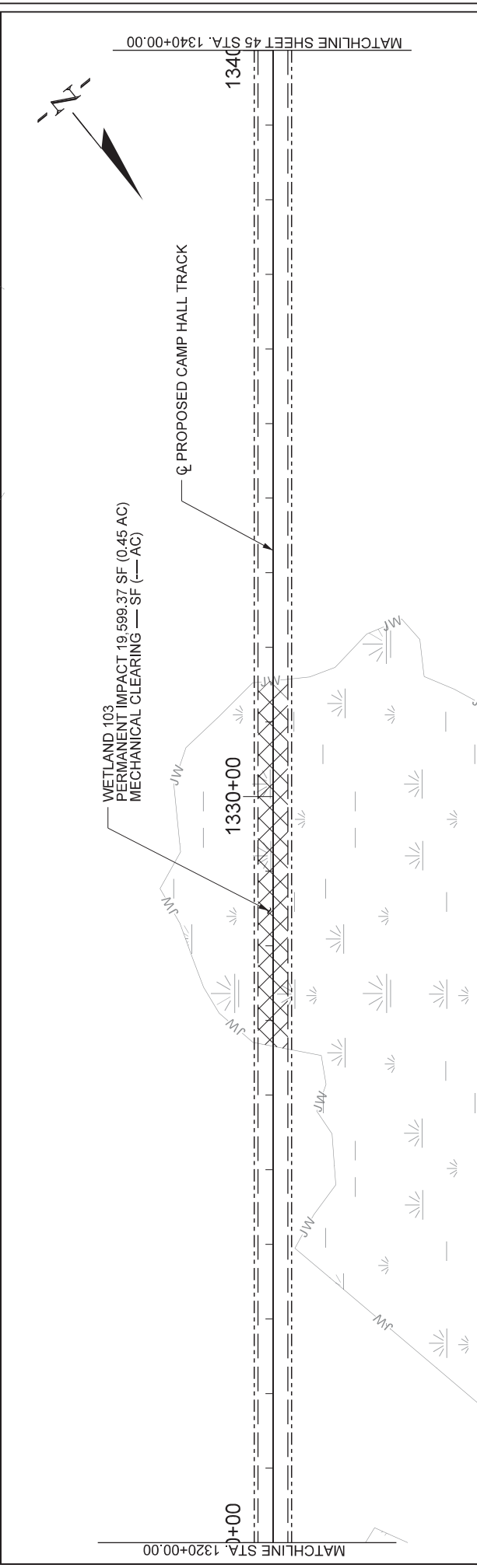
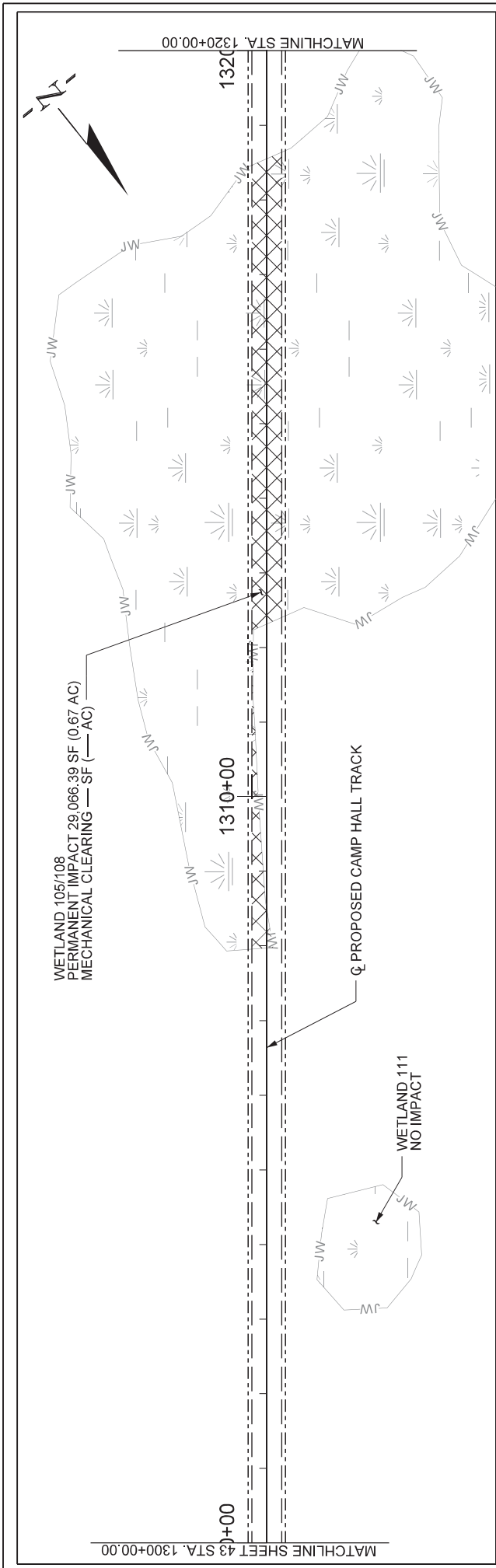
Palmetto RAILWAYS


APPLICANT: PALMETTO RAILWAYS

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
 APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
 APPLICATION # SAC-2016-01395  
 DATE: MARCH 2018 SHEET 43 OF 106


0 100 200 400








APPLICANT: PALMETTO RAILWAYS

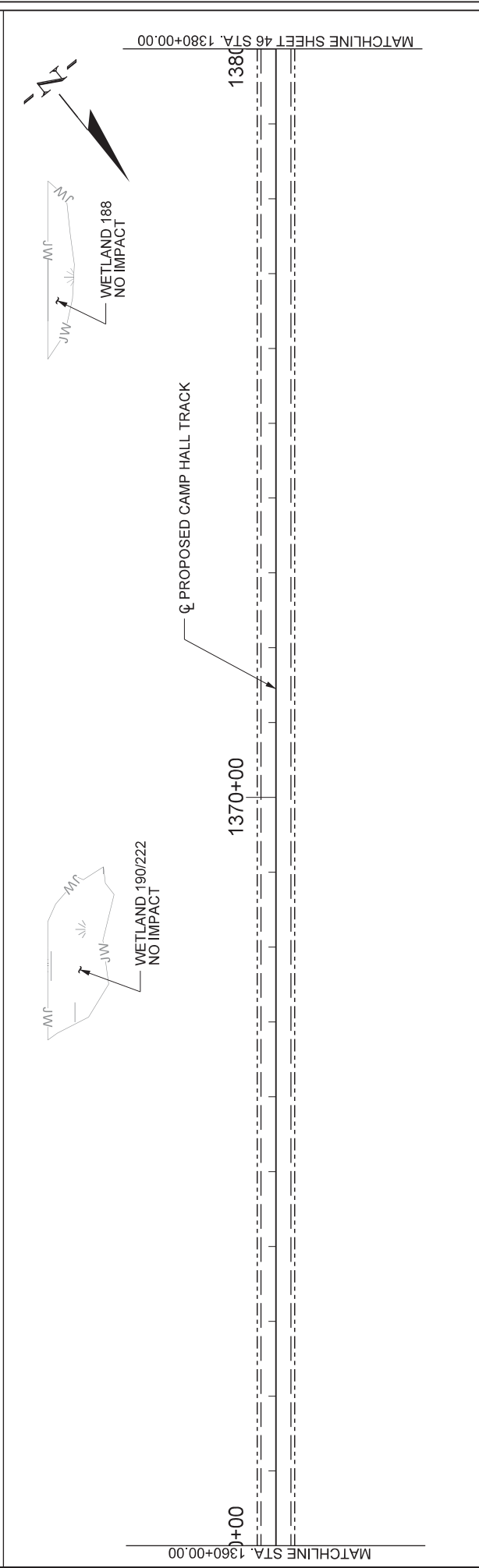
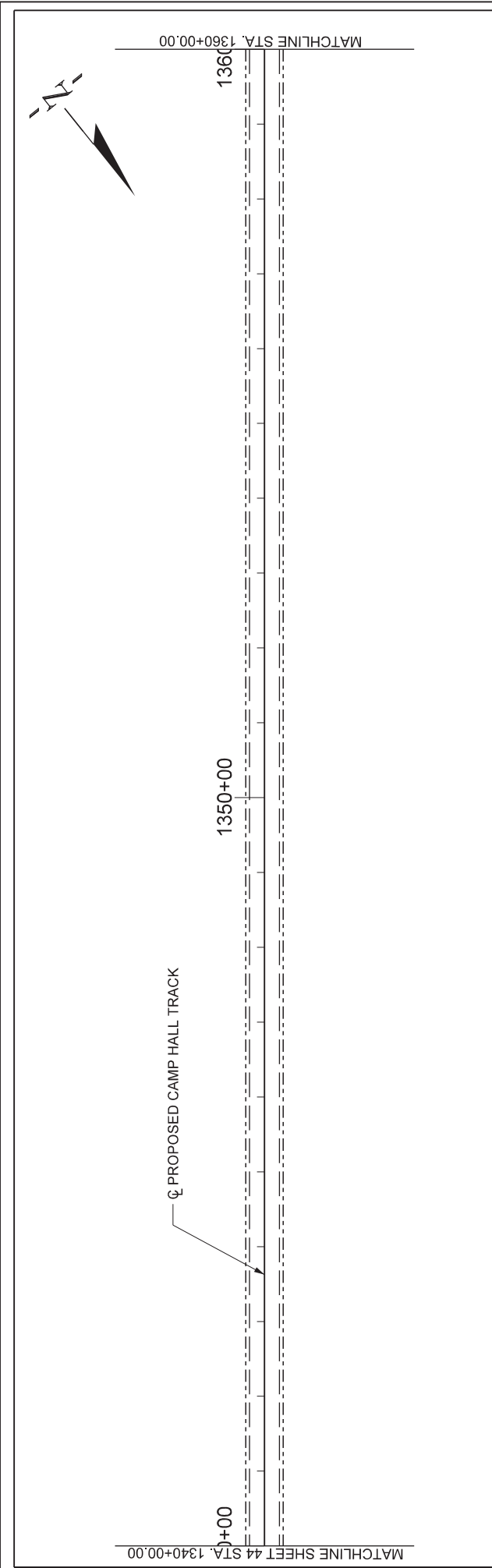














**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
BERKELEY COUNTY, SOUTH CAROLINA  
APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
APPLICATION # SAC-2016-01395  
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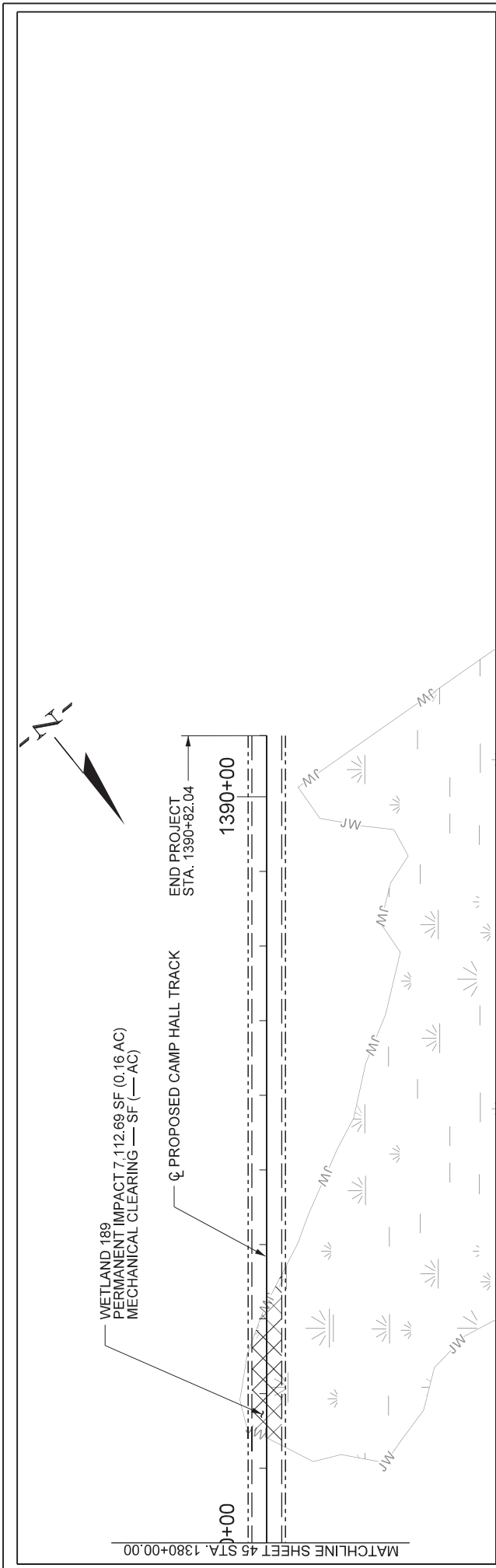
IMPACTS	SF	AC	TNW/SECTION 10 WATERS
PERMANENT WETLAND IMPACT (CUT/FILL)	48,665.76	1.12	WETLANDS
MECHANICAL CLEARING	---	---	CONSTRUCTION AUTHORITY
WETLAND IMPACT	---	---	EXISTING ROAD
PERMANENT CULVERT IMPACT	---	---	NON-WETLAND WATERS
NON-WETLAND WATER	---	---	LIMITS OF DISTURBANCE
PERMANENT PIPE IMPACT	---	---	PERMANENT IMPACT
NON-WETLAND WATER	---	---	PROPOSED ROAD
<b>TOTAL IMPACTS</b>	<b>48,665.76</b>	<b>1.12</b>	<b>RIGHT-OF-WAY (ROW)</b>



















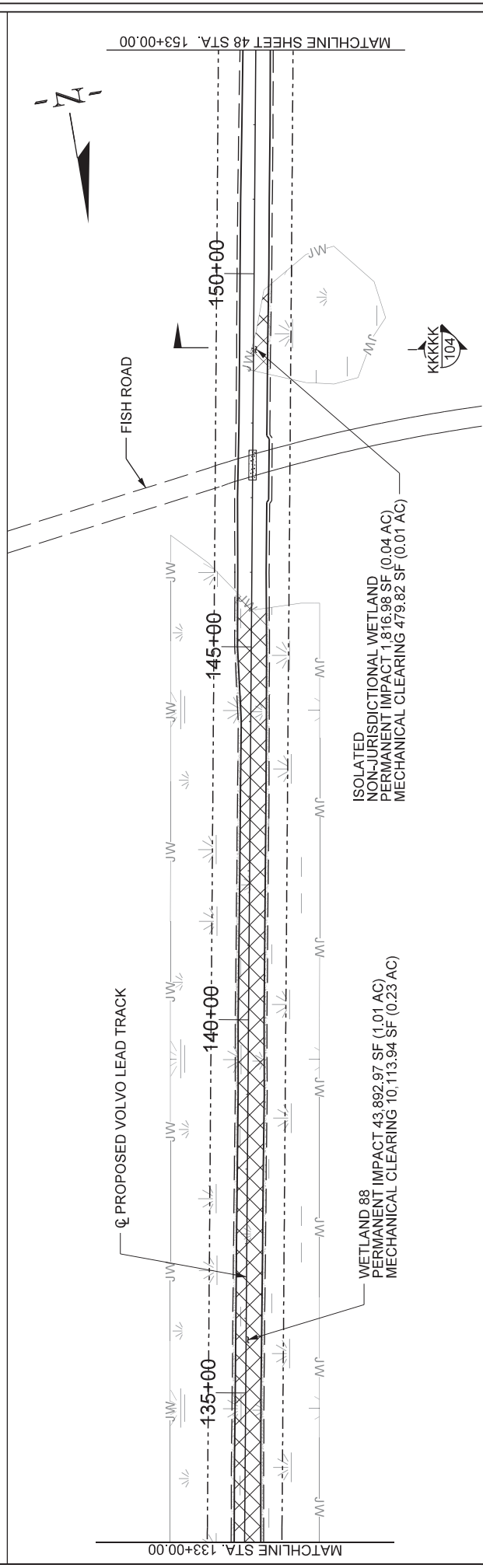
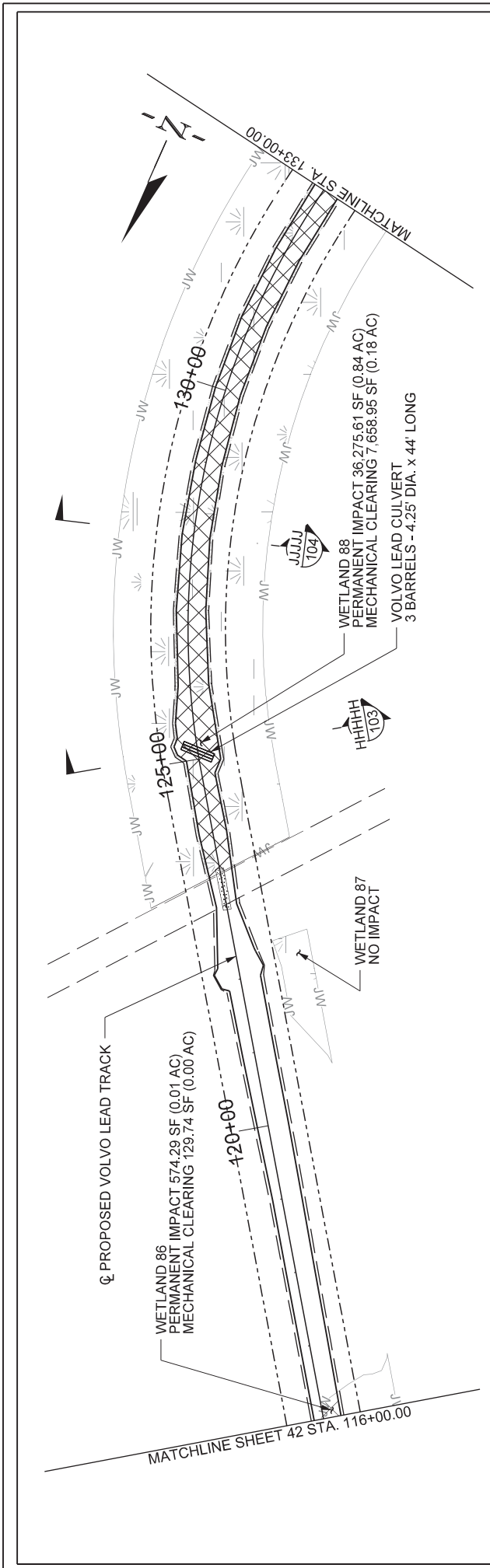
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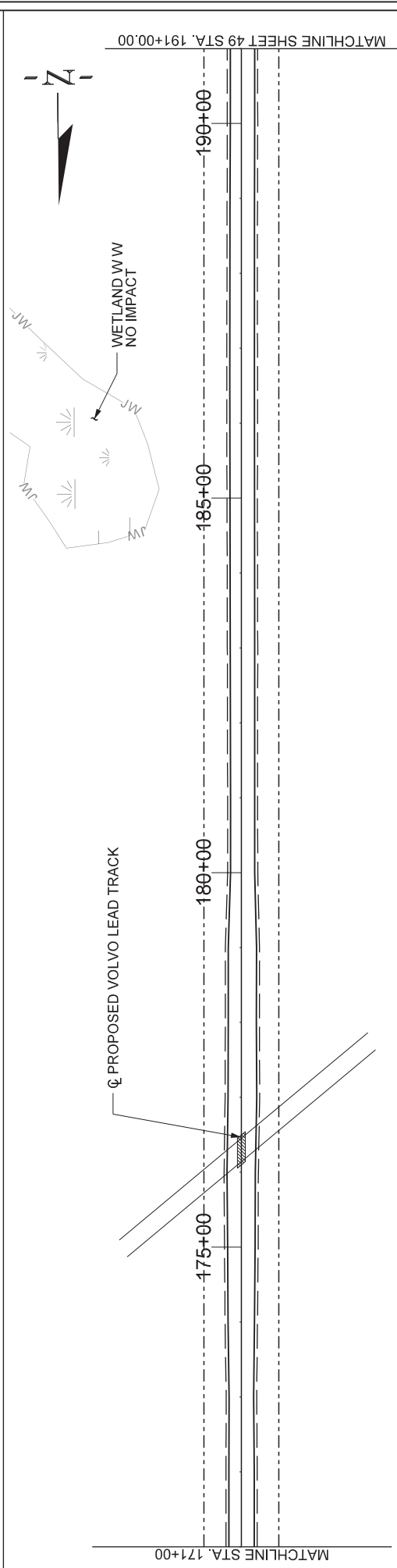
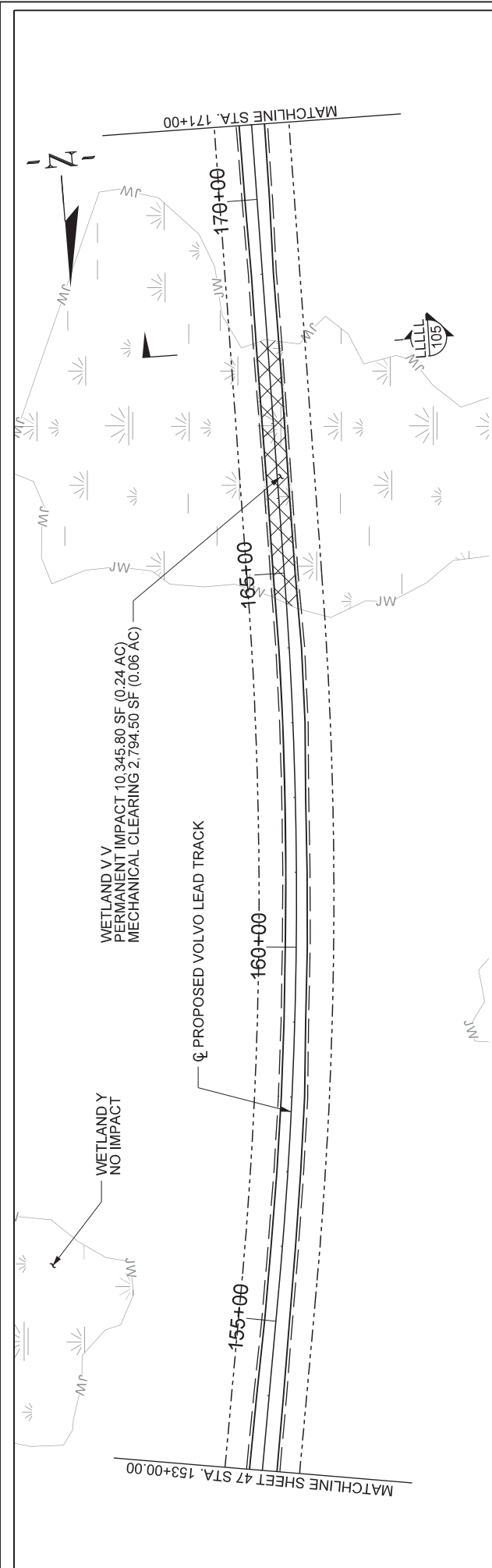
 APPLICANT: PALMETTO RAILWAYS				<b>PALMETTO RAILWAYS</b> <b>CAMP HALL RAIL PROJECT</b> BERKELEY COUNTY, SOUTH CAROLINA APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT APPLICATION # SAC-2016-01395 DATE: MARCH 2018 SHEET 45 OF 106	
<b>IMPACTS</b>		<b>TN/SECTION 10 WATERS</b>		<b>CONSTRUCTION AUTHORITY</b>	
 PERMANENT WETLAND IMPACT (CUT/FILL)	SF ----	AC ----	 WETLANDS	CONSTRUCTION AUTHORITY	EXISTING ROAD
 MECHANICAL CLEARING WETLAND IMPACT	SF ----	AC ----	 NON-WETLAND WATERS	EXISTING ROAD	LIMITS OF DISTURBANCE
 PERMANENT CULVERT IMPACT	SF ----	AC ----	 PERMANENT IMPACT	NON-WETLAND WATERS	PERMANENT IMPACT
 NON-WETLAND WATER	SF ----	AC ----	 PROPOSED ROAD	LIMITS OF DISTURBANCE	PROPOSED ROAD
 TOTAL IMPACTS	SF ----	AC ----	 RIGHT-OF-WAY (ROW)	PROPOSED ROAD	RIGHT-OF-WAY (ROW)



 APPLICANT: PALMETTO RAILWAYS				<b>IMPACTS</b> PERMANENT WETLAND IMPACT (CUT/FILL)  AC MECHANICAL CLEARING  SF WETLAND IMPACT  SF PERMANENT CULVERT IMPACT  SF NON-WETLAND WATER  SF PERMANENT PIPE IMPACT  SF NON-WETLAND WATER  SF <b>TOTAL IMPACTS</b> 7,112.69 SF 0.16 AC		<b>TN/SECTION 10 WATERS</b> WETLANDS  CONSTRUCTION AUTHORITY EXISTING ROAD  NON-WETLAND WATERS LIMITS OF DISTURBANCE  PERMANENT IMPACT  PROPOSED ROAD  RIGHT-OF-WAY (ROW) 		<b>PALMETTO RAILWAYS</b> <b>CAMP HALL RAIL PROJECT</b> BERKELEY COUNTY, SOUTH CAROLINA APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT APPLICATION # SAC-2016-01395 DATE: MARCH 2018 SHEET 46 OF 106 	
---	--	---	--	--	--	--	--	---	--

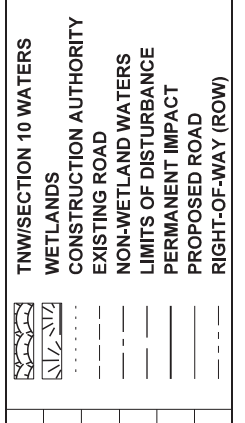


				<b>PALMETTO RAILWAYS</b> <b>CAMP HALL RAIL PROJECT</b> BERKELEY COUNTY, SOUTH CAROLINA APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT APPLICATION # SAC-2016-01395 DATE: MARCH 2018 SHEET 47 OF 106	
APPLICANT: PALMETTO RAILWAYS		TNWSECTION 10 WATERS WETLANDS CONSTRUCTION AUTHORITY EXISTING ROAD NON-WETLAND WATERS LIMITS OF DISTURBANCE PERMANENT IMPACT PROPOSED ROAD RIGHT-OF-WAY (ROW)			
<b>IMPACTS</b>		<b>AC</b>		<b>ROW</b>	
	PERMANENT WETLAND IMPACT (CUT/FILL)	82,559.85	1.90	---	
	MECHANICAL CLEARING WETLAND IMPACT	18,382.45	0.42	---	
	PERMANENT CULVERT IMPACT	---	---	---	
	NON-WETLAND WATER PERMANENT PIPE IMPACT	---	---	---	
	NON-WETLAND WATER PERMANENT WATER	---	---	---	
<b>TOTAL IMPACTS</b>		100,942.30	2.32	---	



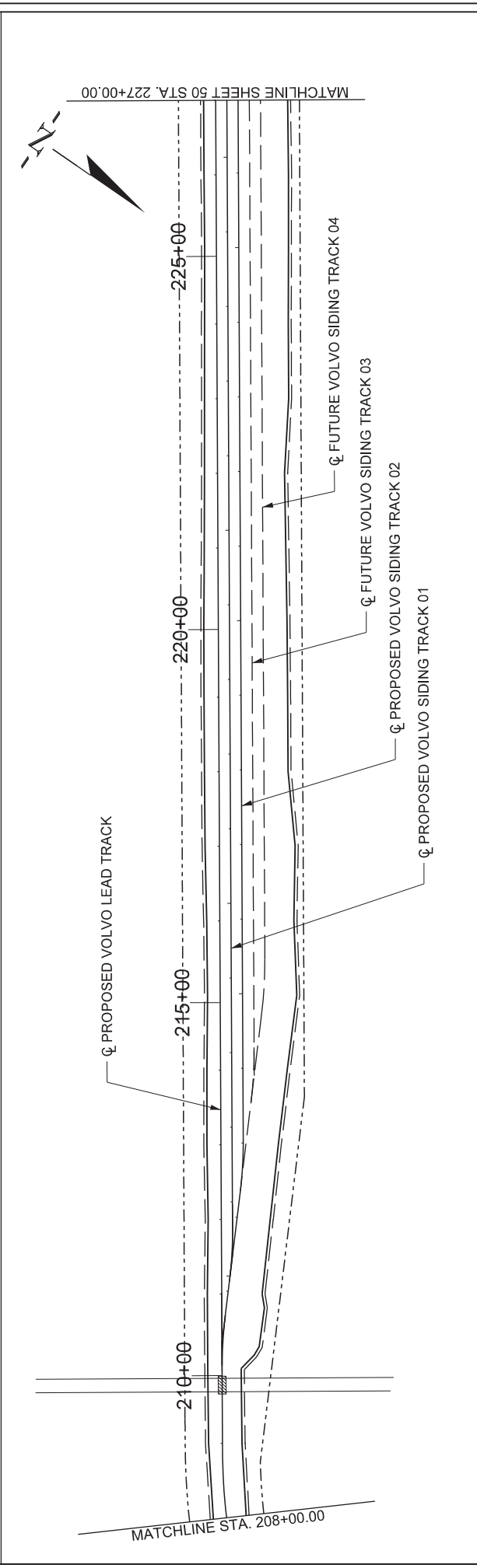
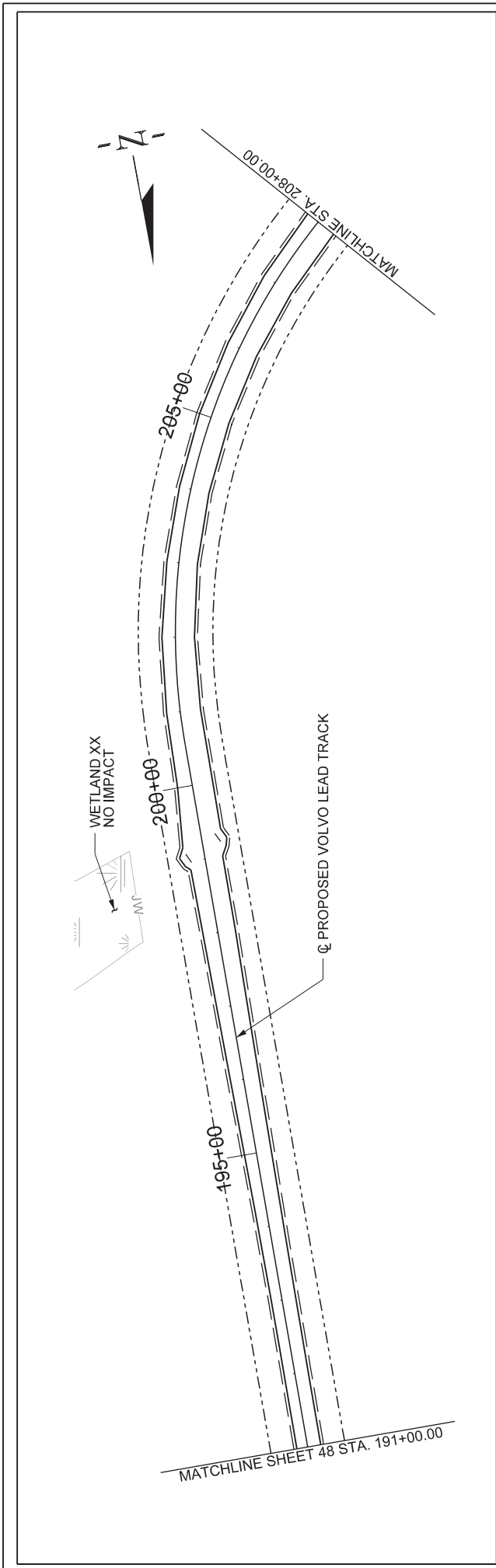
IMPACTS		SF	AC	TN/SECTION 10 WATERS
	PERMANENT WETLAND IMPACT (CUT/FILL)	10,345.80	0.24	WETLANDS
	MECHANICAL CLEARING WETLAND IMPACT	2,794.50	0.06	CONSTRUCTION AUTHORITY EXISTING ROAD
	PERMANENT CULVERT WATER IMPACT	----	----	NON-WETLAND WATERS
	PERMANENT PIPE WATER IMPACT	----	----	LIMITS OF DISTURBANCE
	NON-WETLAND WATER IMPACT	----	----	PERMANENT IMPACT
	TOTAL IMPACTS	13,140.30	0.30	PROPOSED ROAD
				RIGHT-OF-WAY (ROW)


**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
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 DATE: MARCH 2018 SHEET 48 OF 106



APPLICANT: PALMETTO RAILWAYS








**Palmetto RAILWAYS.**

APPLICANT: PALMETTO RAILWAYS

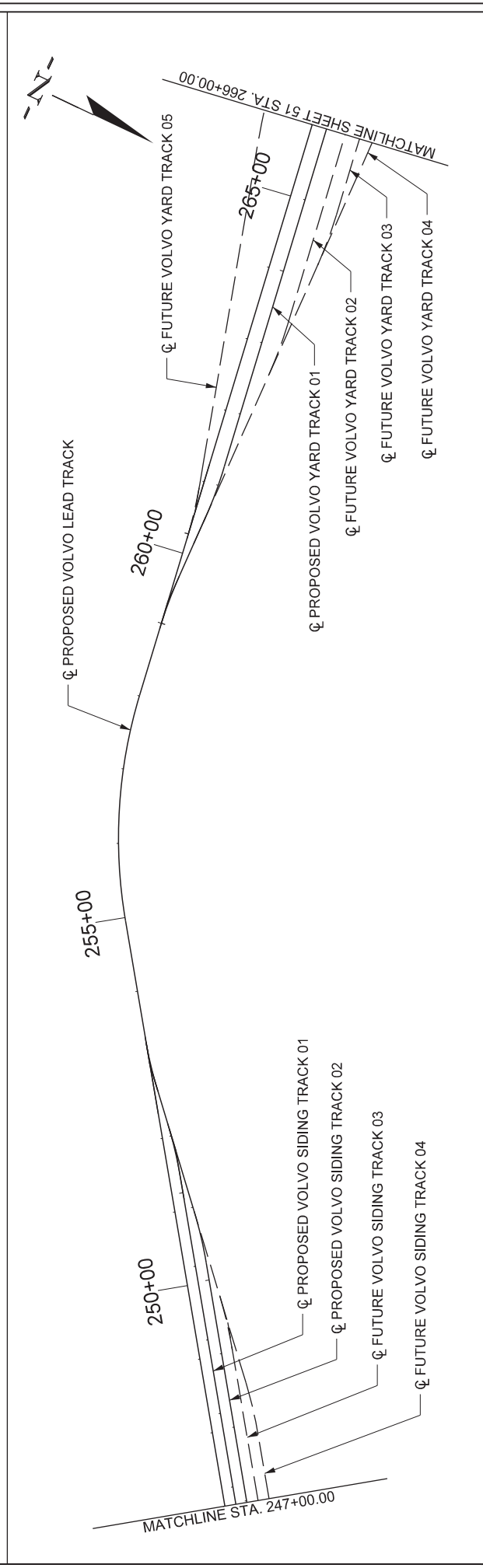
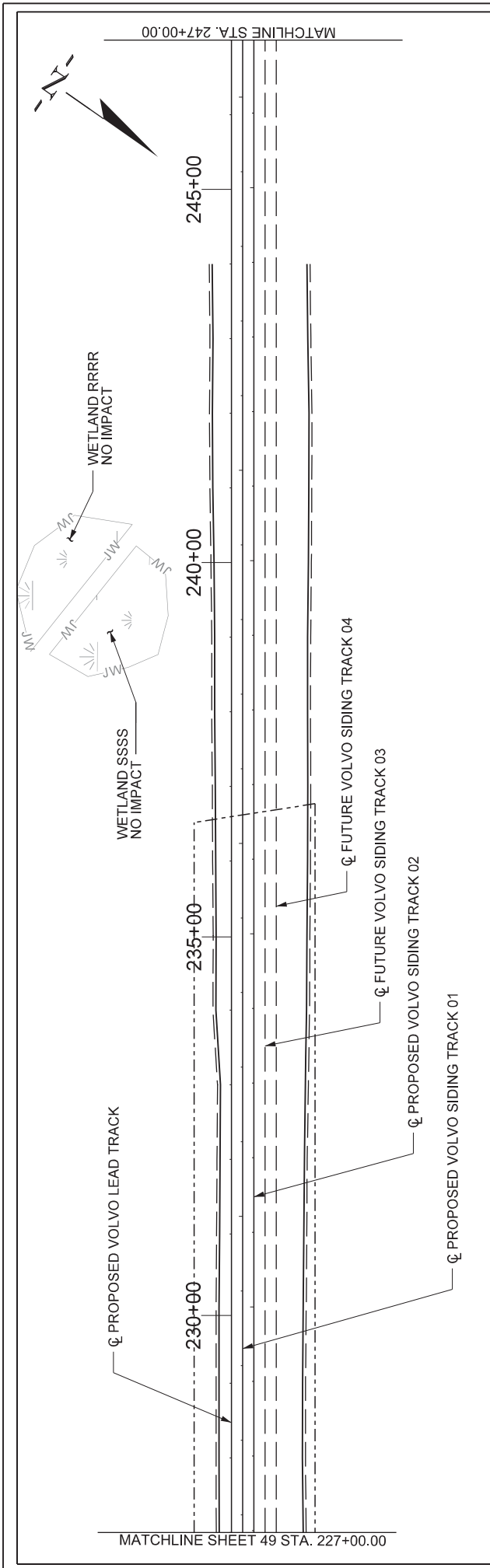


**CAMP HALL RAIL PROJECT**  
BERKELEY COUNTY, SOUTH CAROLINA  
APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
APPLICATION # SAC-2016-01395  
DATE: MARCH 2018 SHEET 49 OF 106

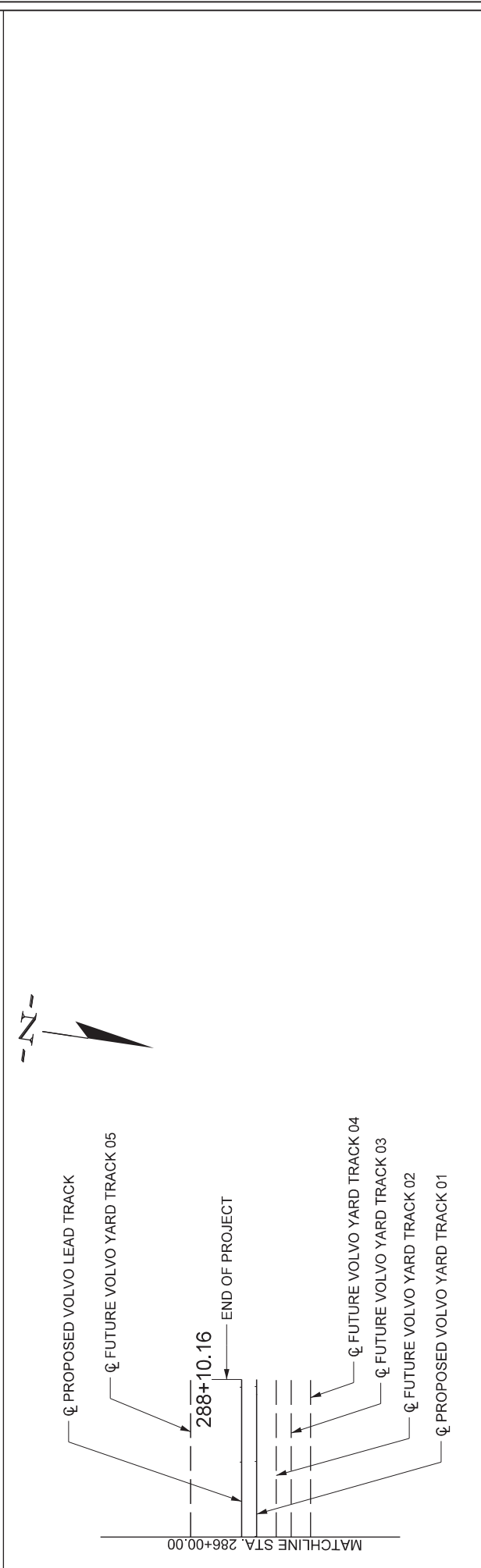
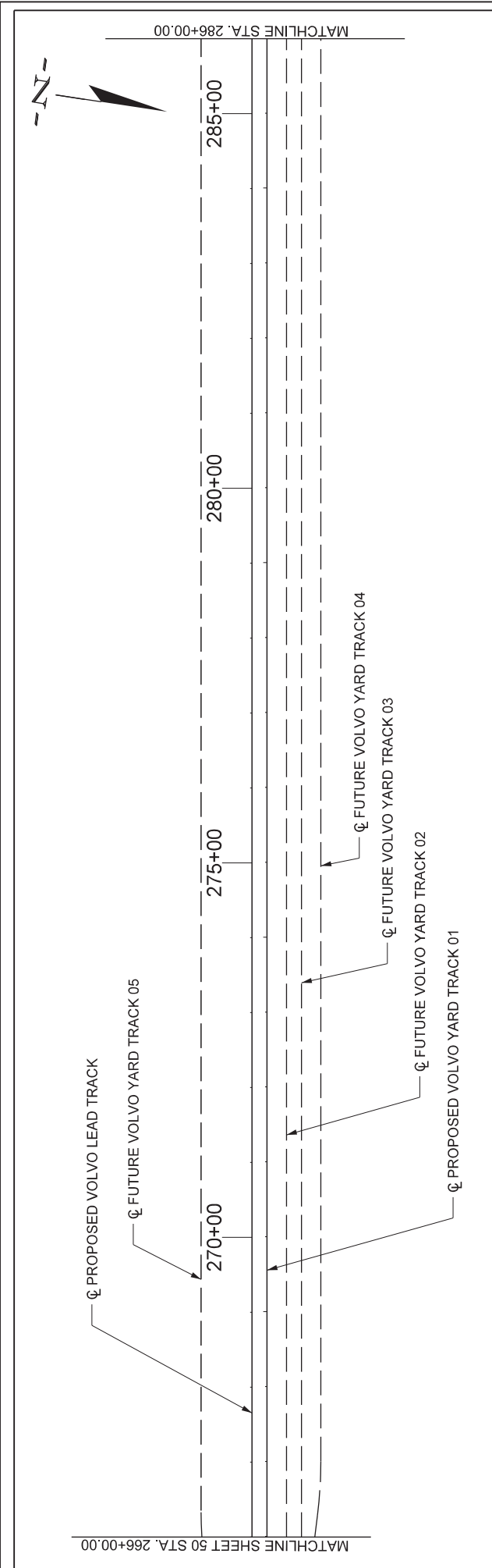
**TN/SECTION 10 WATERS**

WETLANDS	---
CONSTRUCTION AUTHORITY	---
EXISTING ROAD	---
NON-WETLAND WATERS	---
LIMITS OF DISTURBANCE	---
PERMANENT IMPACT	---
PROPOSED ROAD	---
RIGHT-OF-WAY (ROW)	---

IMPACTS	SF	AC
PERMANENT WETLAND IMPACT (CUT/FILL)	----	----
MECHANICAL CLEARING WETLAND IMPACT	----	----
PERMANENT CULVERT IMPACT	----	----
NON-WETLAND WATER	----	----
PERMANENT PIPE IMPACT	----	----
NON-WETLAND WATER	----	----
<b>TOTAL IMPACTS</b>	----	----



<b>PALMETTO RAILWAYS</b> CAMP HALL RAIL PROJECT BERKELEY COUNTY, SOUTH CAROLINA APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT APPLICATION # SAC-2016-01395 DATE: MARCH 2018 SHEET 50 OF 106		<b>TN/SECTION 10 WATERS</b> WETLANDS CONSTRUCTION AUTHORITY EXISTING ROAD NON-WETLAND WATERS LIMITS OF DISTURBANCE PERMANENT IMPACT PROPOSED ROAD RIGHT-OF-WAY (ROW)	
<b>IMPACTS</b> PERMANENT WETLAND IMPACT (CUT/FILL) MECHANICAL CLEARING WETLAND IMPACT PERMANENT CULVERT IMPACT NON-WETLAND WATER PERMANENT PIPE IMPACT NON-WETLAND WATER <b>TOTAL IMPACTS</b>	<b>SF</b> ---- ---- ---- ---- ---- ----	<b>AC</b> ---- ---- ---- ---- ---- ----	<b>SCALE</b> 0 100 200 400
<b>APPLICANT:</b> PALMETTO RAILWAYS		<b>APPLICANT:</b> PALMETTO RAILWAYS	

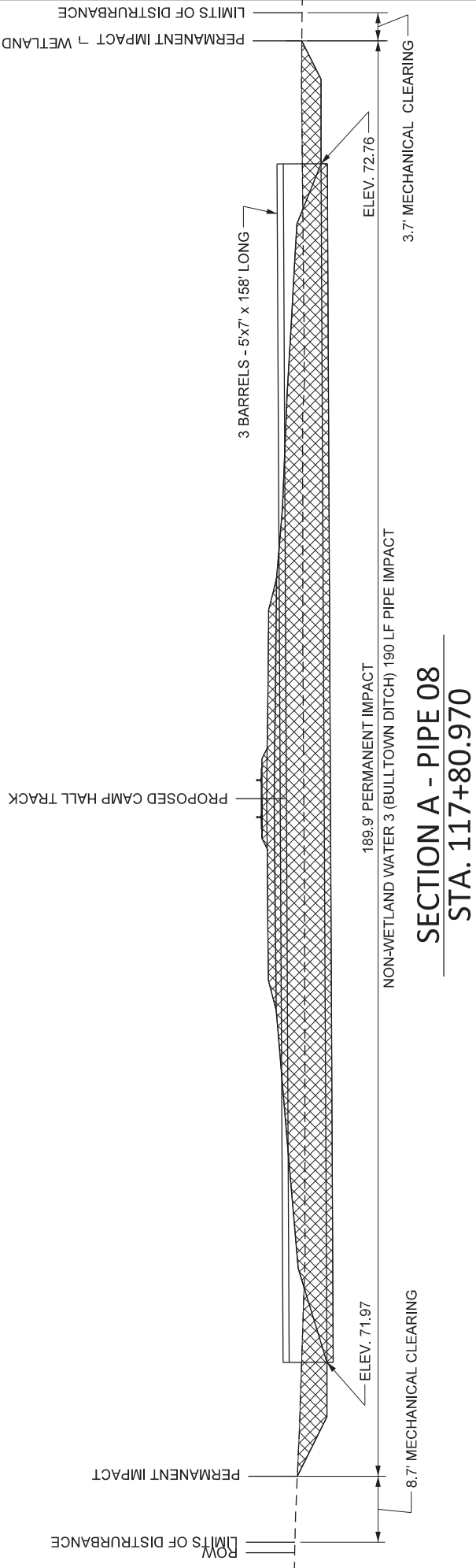


IMPACTS		SF	AC	TN/SECTION 10 WATERS
	PERMANENT WETLAND IMPACT (CUT/FILL)	----	----	WETLANDS
	MECHANICAL CLEARING WETLAND IMPACT	----	----	CONSTRUCTION AUTHORITY EXISTING ROAD
	PERMANENT CULVERT IMPACT NON-WETLAND WATER	----	----	NON-WETLAND WATERS
	PERMANENT PIPE IMPACT NON-WETLAND WATER	----	----	LIMITS OF DISTURBANCE
	TOTAL IMPACTS	----	----	PERMANENT IMPACT
				PROPOSED ROAD
				RIGHT-OF-WAY (ROW)

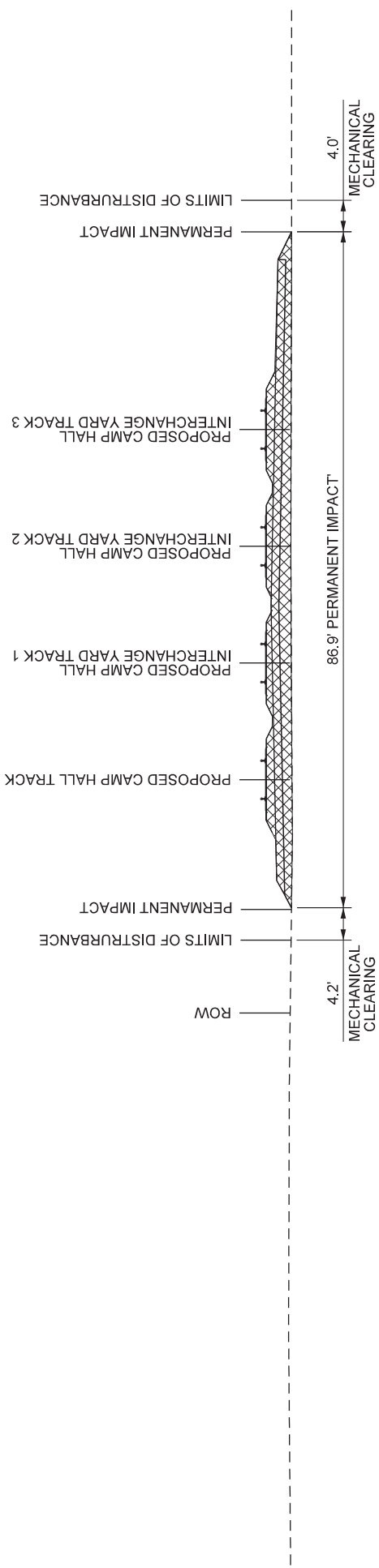
APPLICANT: PALMETTO RAILWAYS



**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
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**SECTION A - PIPE 08**  
**STA. 117+80.970**



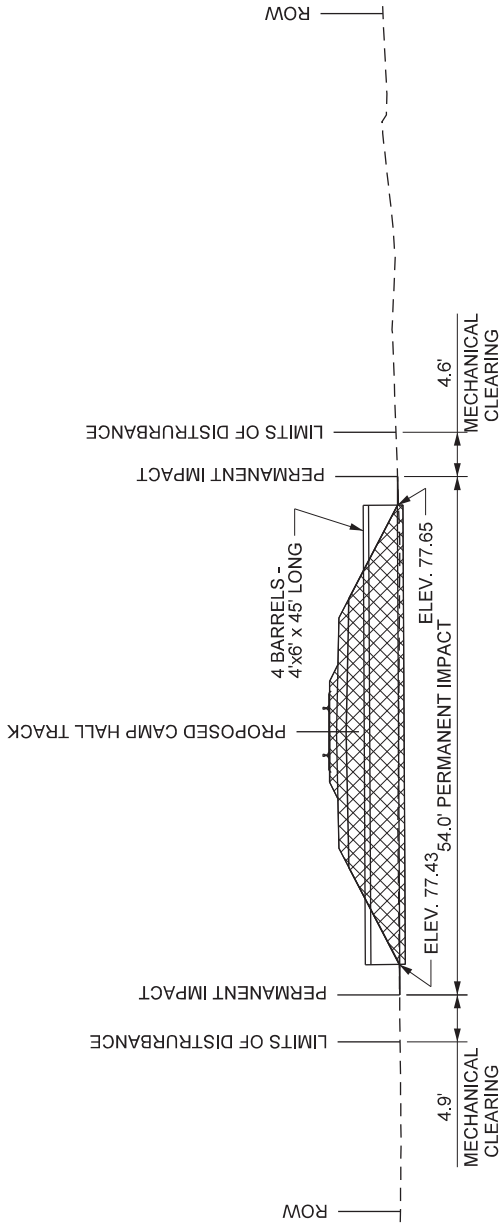
**SECTION B**  
**STA. 140+00**

**CROSS SECTION SHEET 1 OF 54**

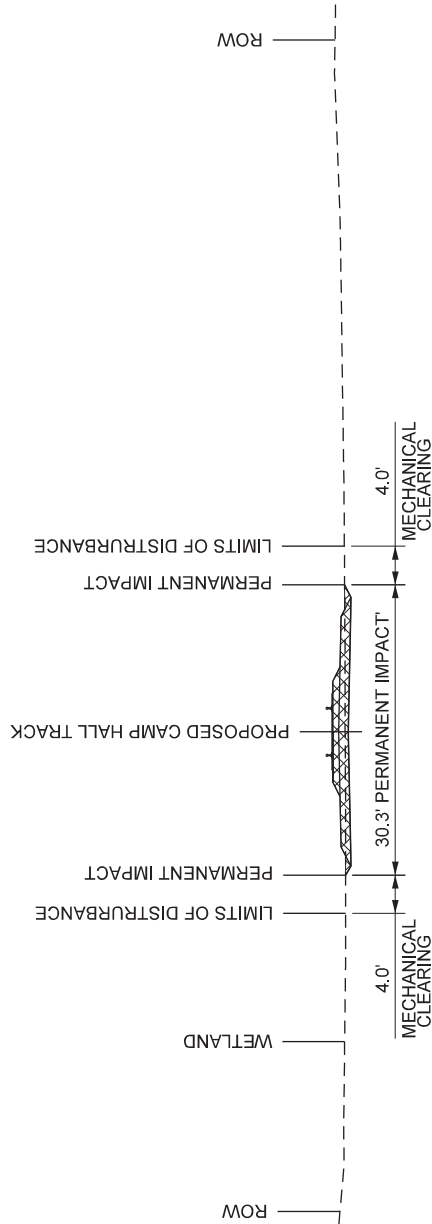
**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
BERKELEY COUNTY, SOUTH CAROLINA  
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APPLICANT: PALMETTO RAILWAYS



**SECTION C - CULVERT 10**  
**STA. 190+21.27**



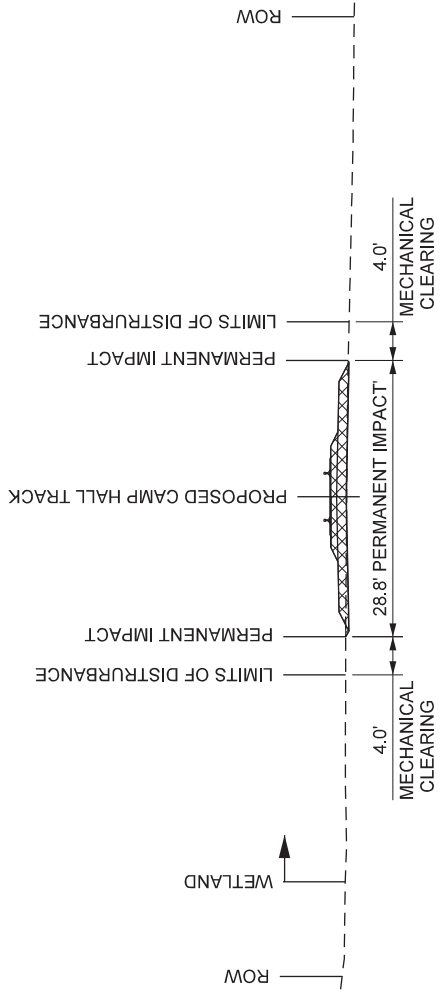
**SECTION D**  
**STA. 197+00**

**CROSS SECTION SHEET 2 OF 54**

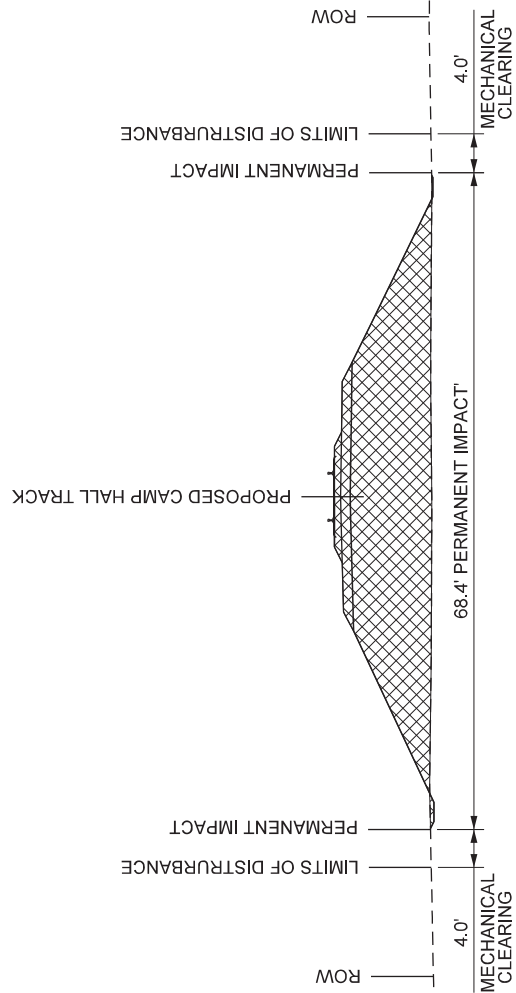
**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
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APPLICANT: PALMETTO RAILWAYS



**SECTION E**  
**STA. 210+00**



**SECTION F**  
**STA. 232+00**

**CROSS SECTION SHEET 3 OF 54**

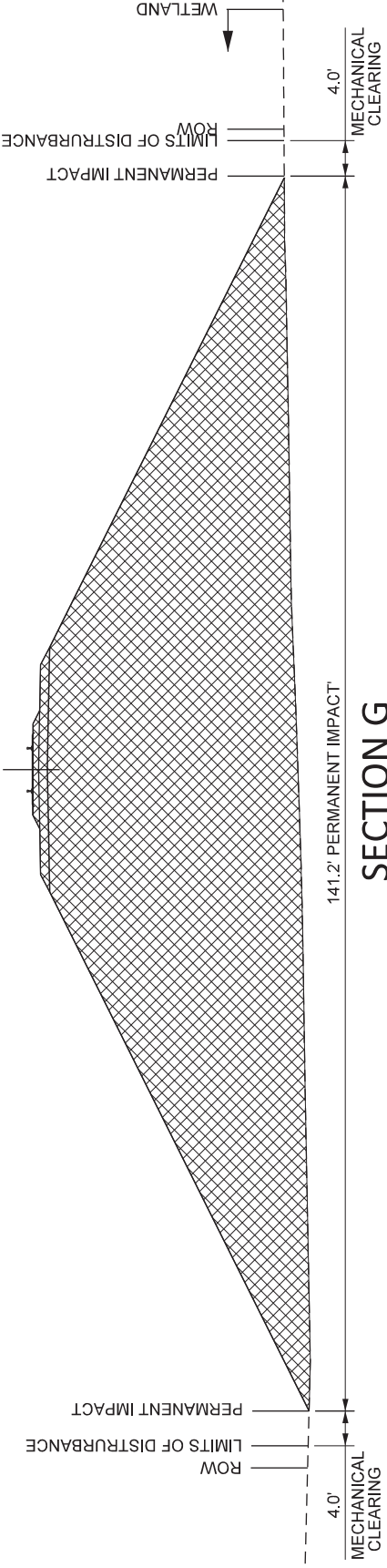
**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
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APPLICANT: PALMETTO RAILWAYS

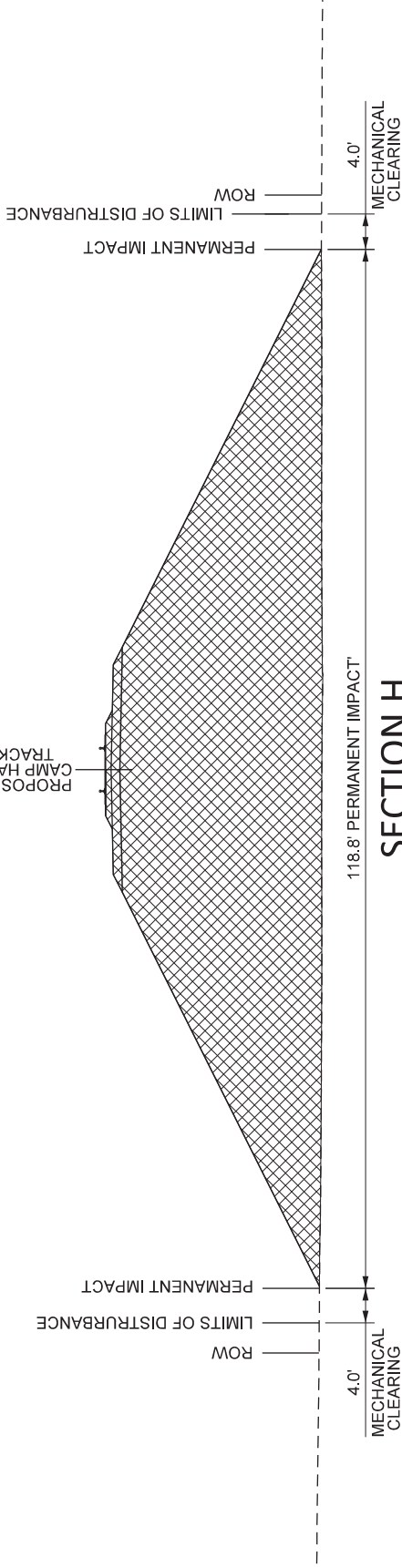


PROPOSED  
CAMP HALL  
TRACK



**SECTION G**  
**STA. 250+00**

PROPOSED  
CAMP HALL  
TRACK



**SECTION H**  
**STA. 290+00**

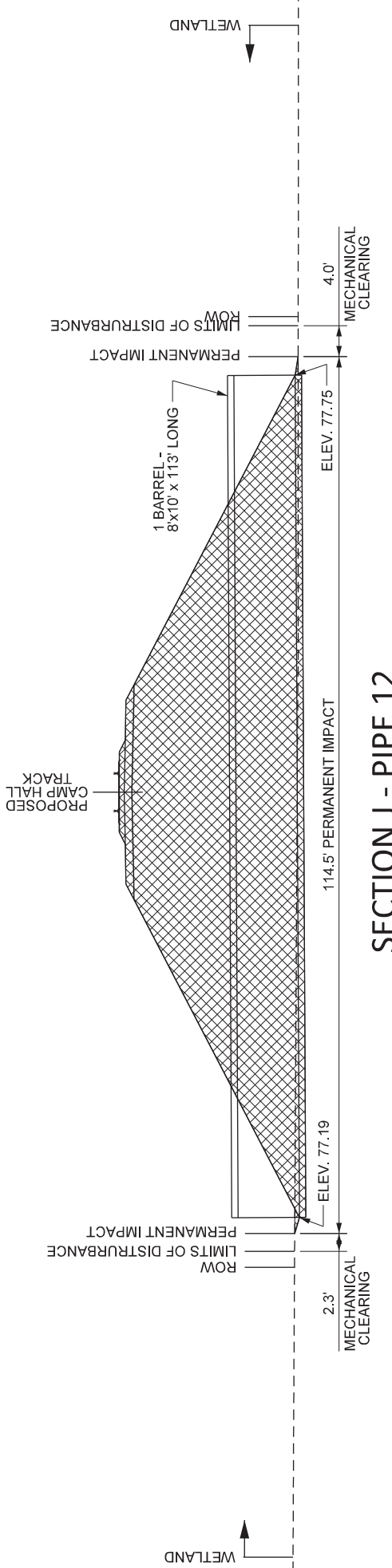


APPLICANT: PALMETTO RAILWAYS

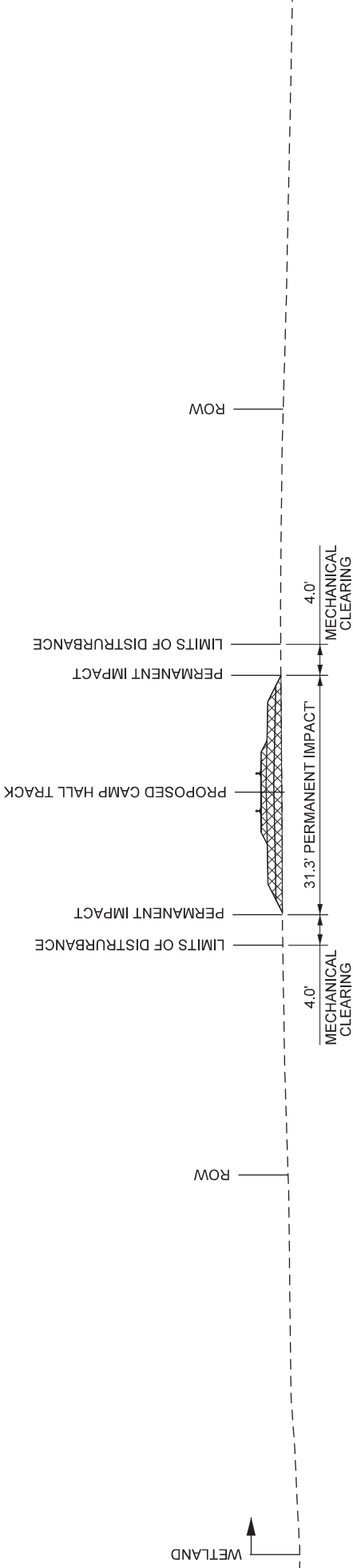
**CROSS SECTION SHEET 4 OF 54**

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
BERKELEY COUNTY, SOUTH CAROLINA  
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DATE: MARCH 2018 SHEET 55 OF 106





**SECTION J - PIPE 12**  
**STA. 293+23.04**



**SECTION K**  
**STA. 330+00**

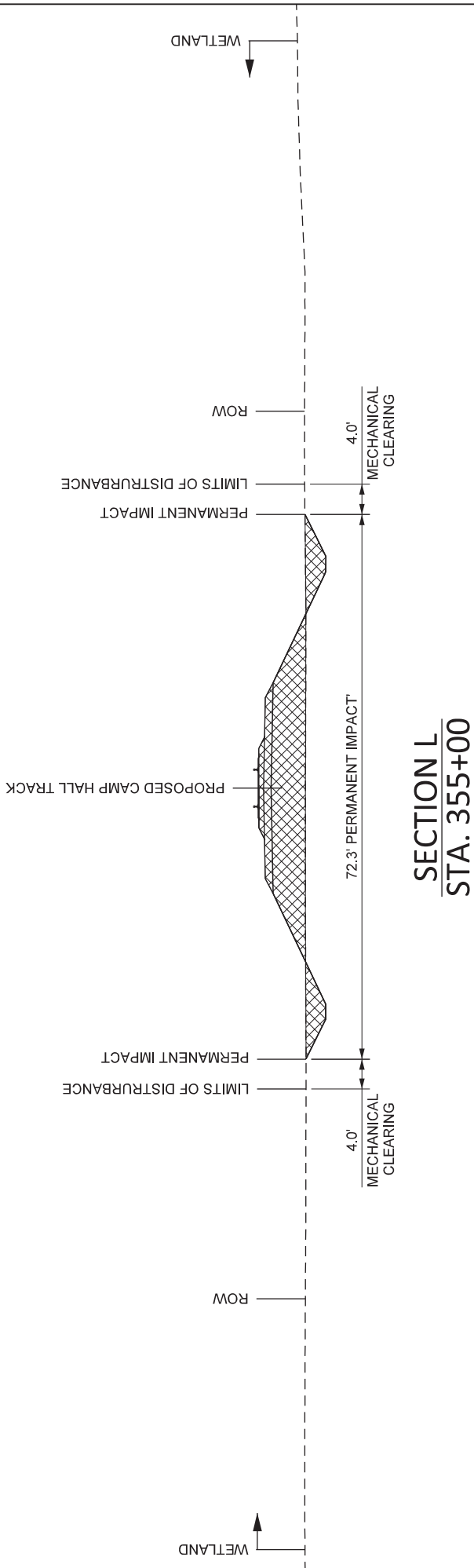
**CROSS SECTION SHEET 5 OF 54**

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
BERKELEY COUNTY, SOUTH CAROLINA  
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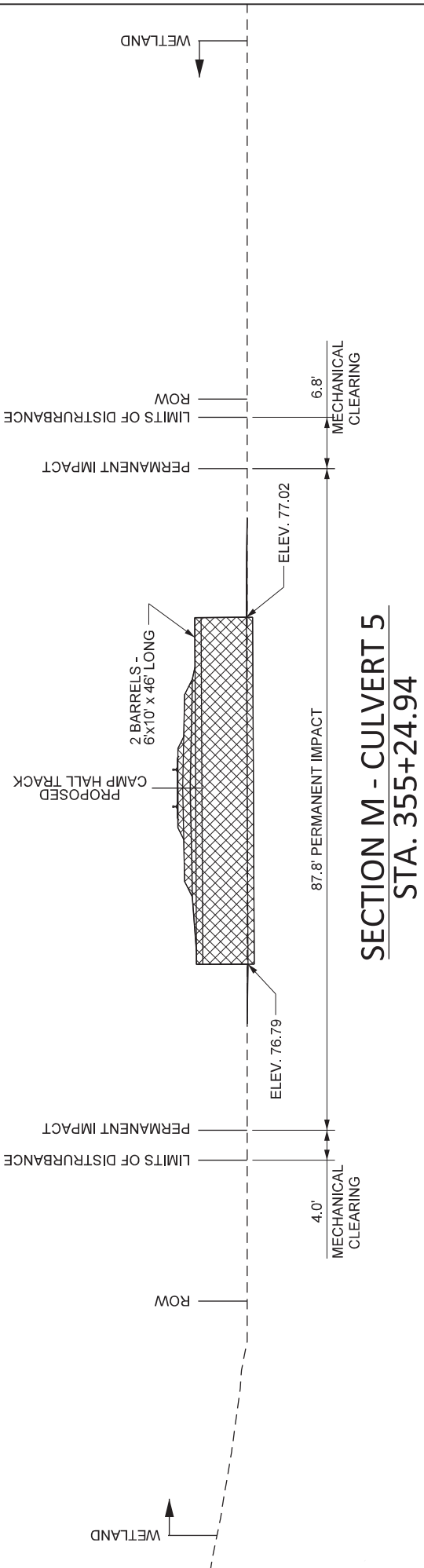


APPLICANT: PALMETTO RAILWAYS





**SECTION L**  
**STA. 355+00**



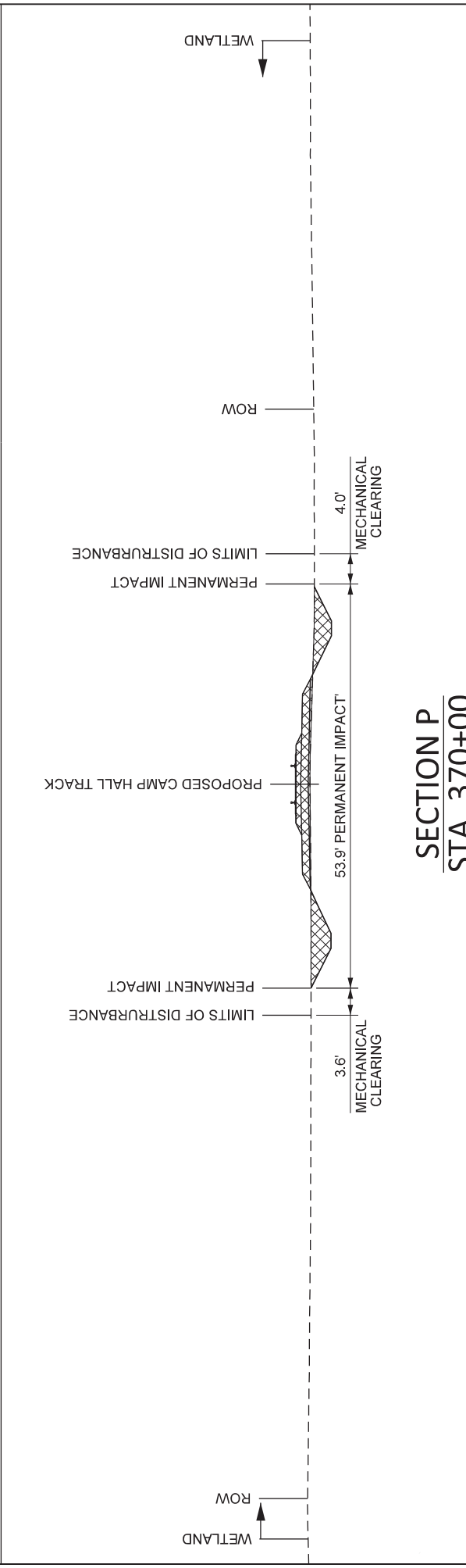
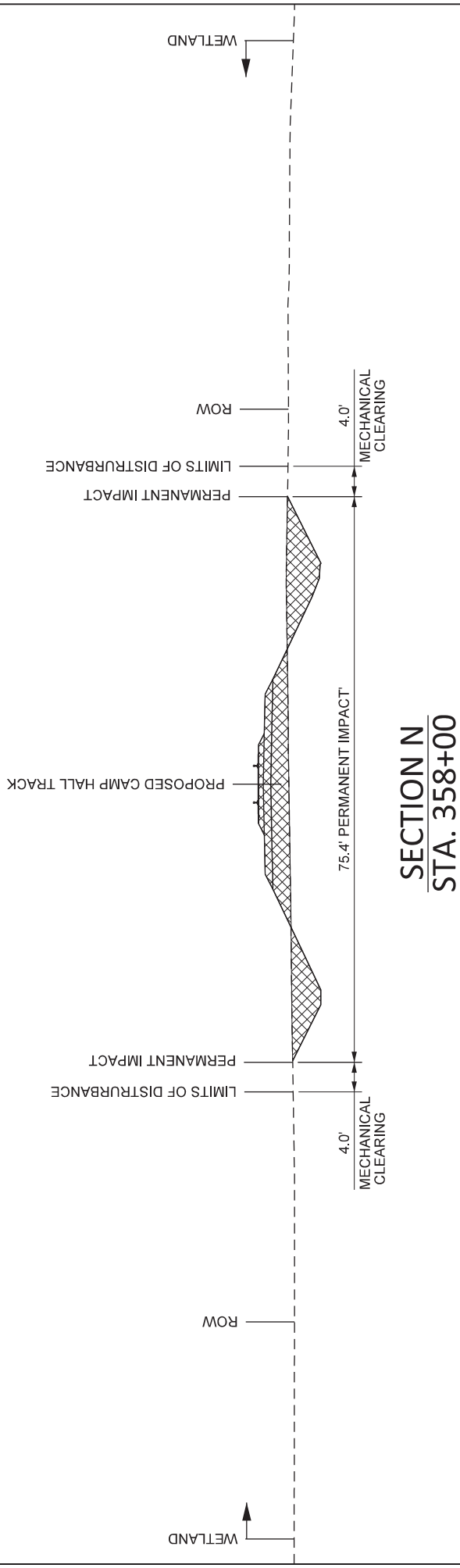
**SECTION M - CULVERT 5**  
**STA. 355+24.94**

**CROSS SECTION SHEET 6 OF 54**

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
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APPLICANT: PALMETTO RAILWAYS



**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
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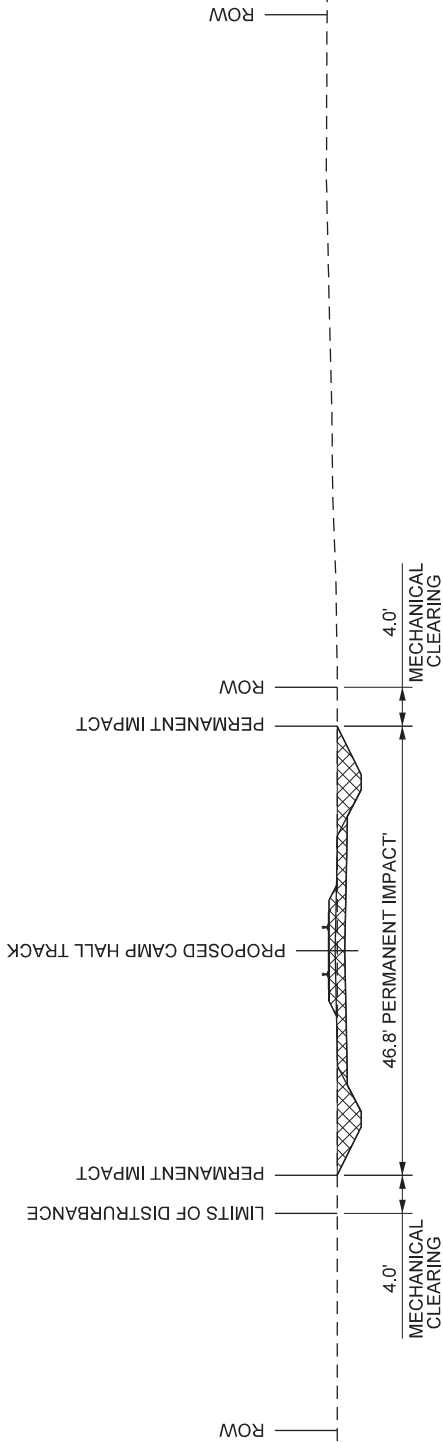
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**CROSS SECTION SHEET 7 OF 54**

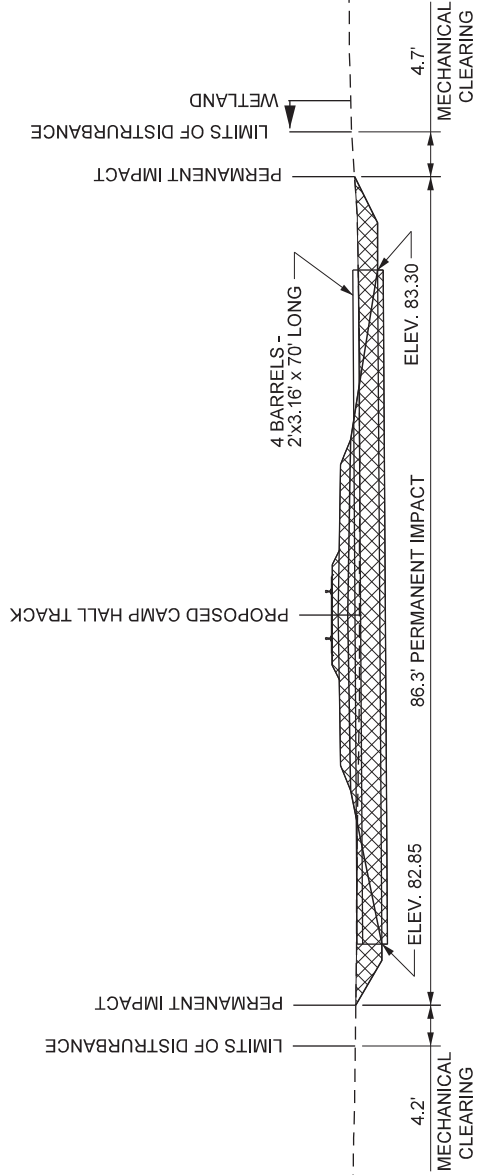


**Palmetto RAILWAYS.**

APPLICANT: PALMETTO RAILWAYS



**SECTION Q**  
**STA. 399+00**



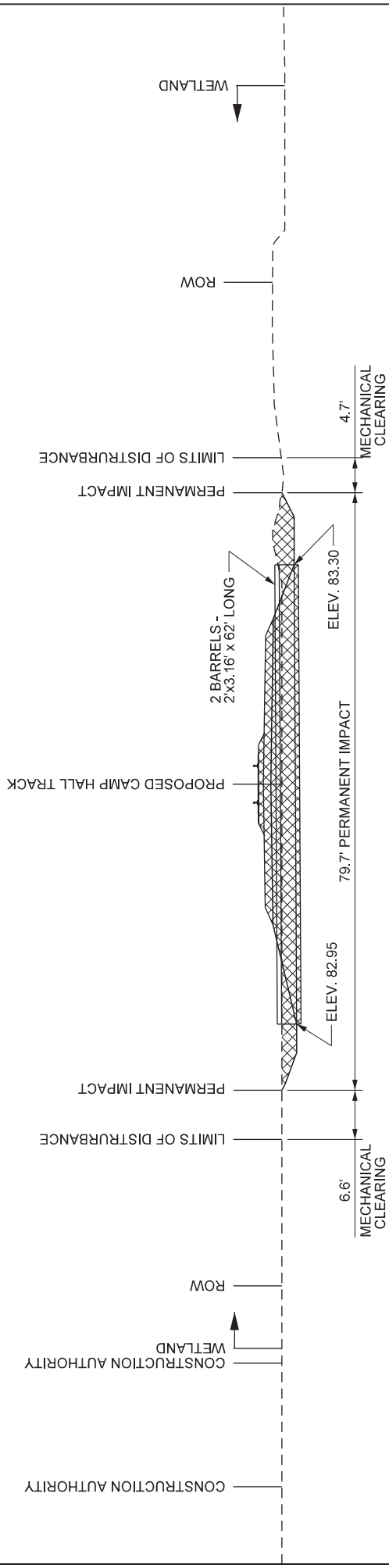
**SECTION R - CULVERT 26B**  
**STA. 403+03.15**

**CROSS SECTION SHEET 8 OF 54**

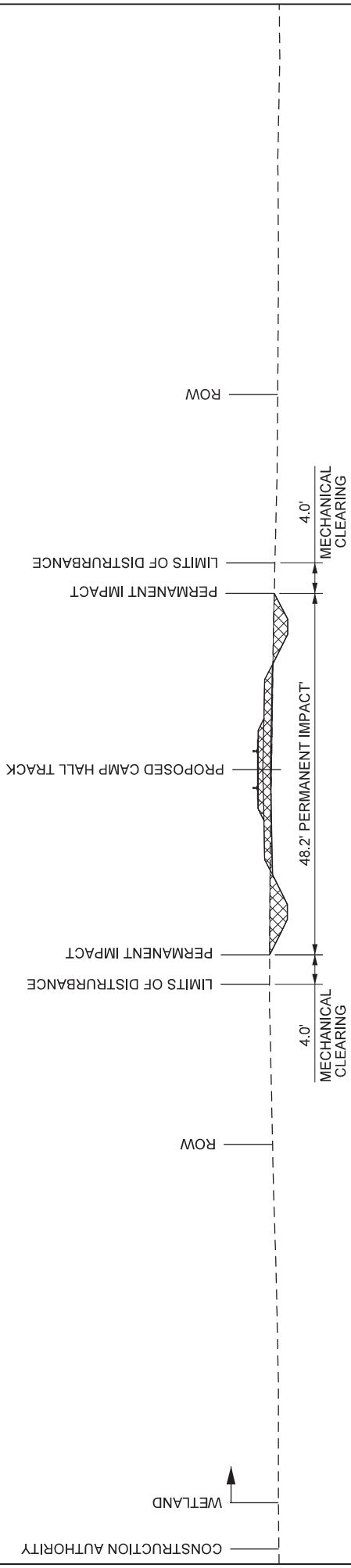
**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
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APPLICANT: PALMETTO RAILWAYS



**SECTION S - CULVERT 26A**  
**STA. 403+88.31**



**SECTION T**  
**STA. 406+00**

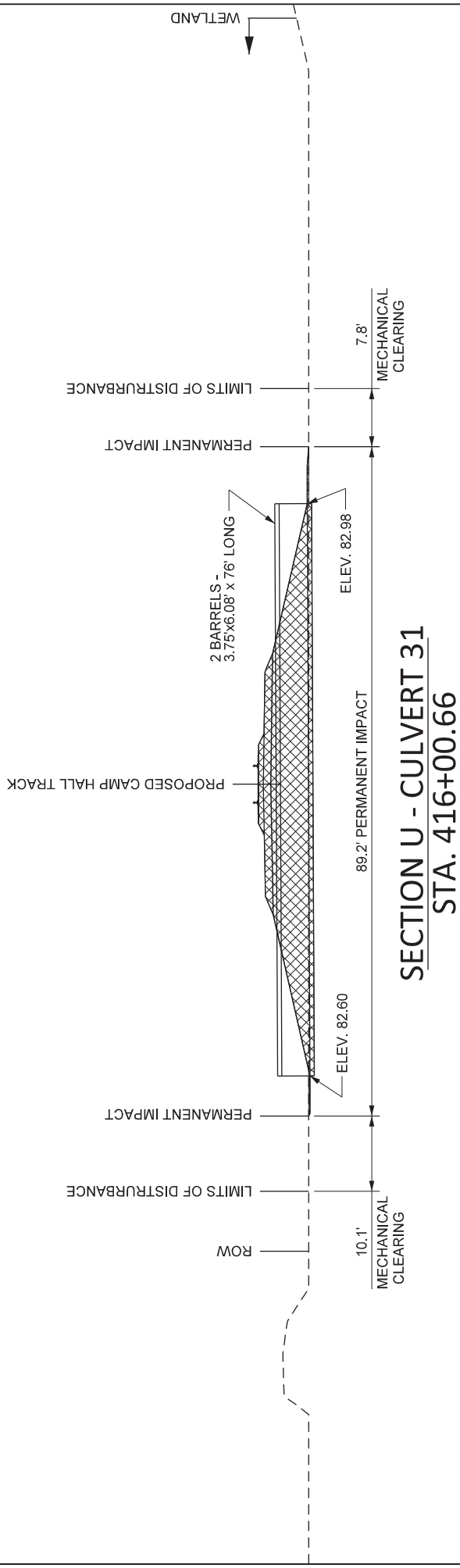
**CROSS SECTION SHEET 9 OF XX**

**PALMETTO RAILWAYS**  
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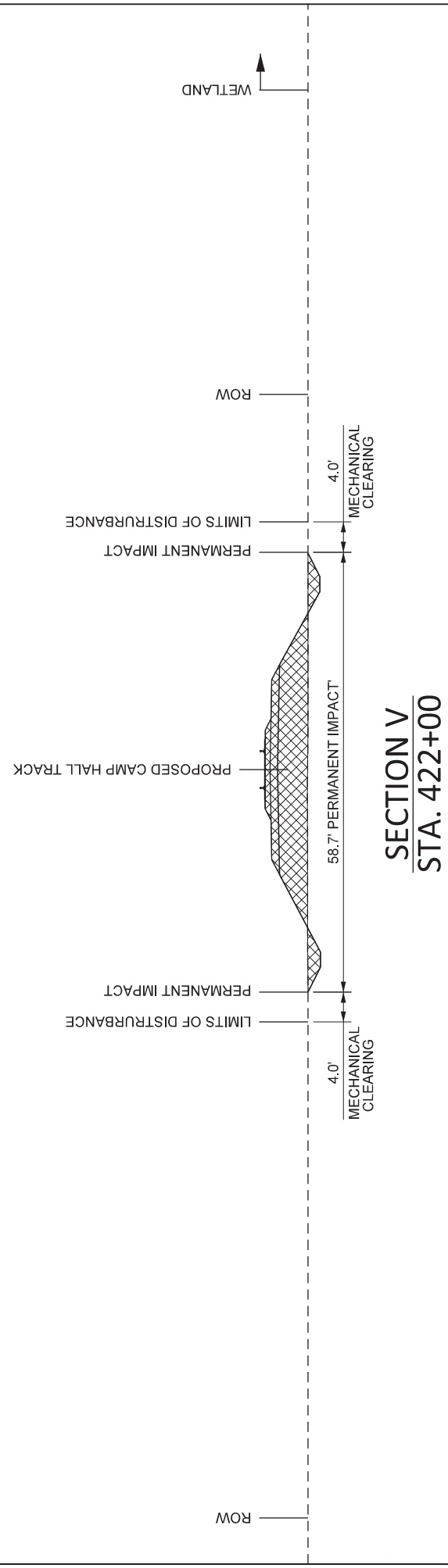


APPLICANT: PALMETTO RAILWAYS





**SECTION U - CULVERT 31  
STA. 416+00.66**



**SECTION V  
STA. 422+00**

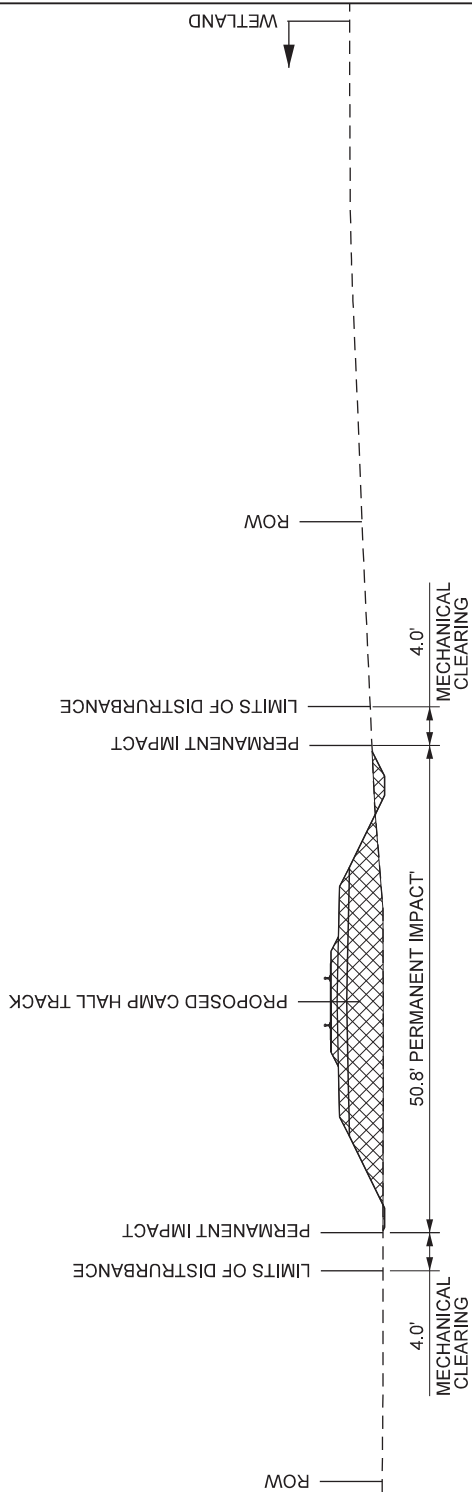
**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
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**CROSS SECTION SHEET 10 OF 54**

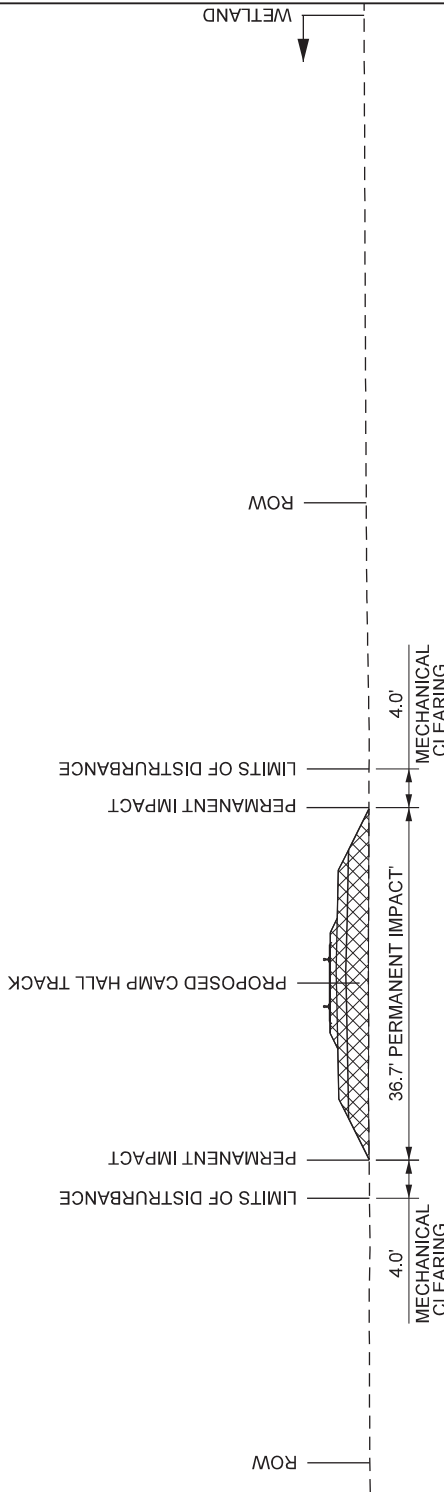


APPLICANT: PALMETTO RAILWAYS





**SECTION W**  
**STA. 432+00**



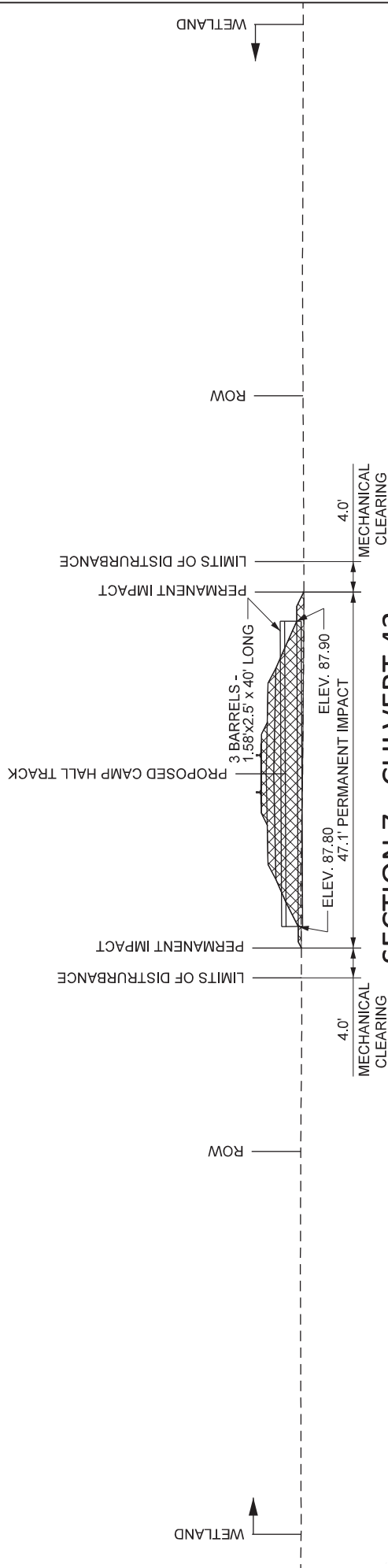
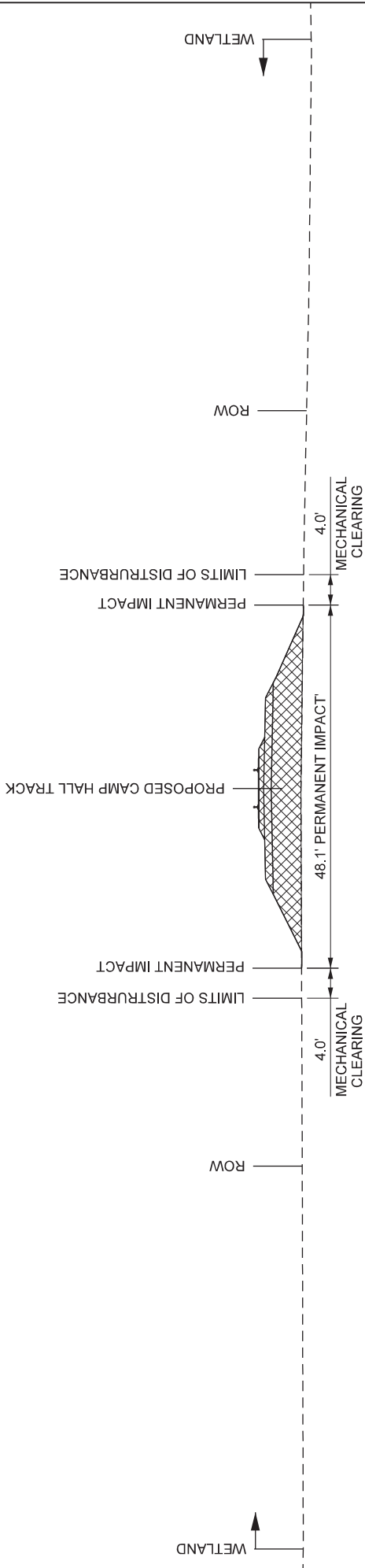
**SECTION X**  
**STA. 450+00**

**CROSS SECTION SHEET 11 OF XX**

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
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APPLICANT: PALMETTO RAILWAYS



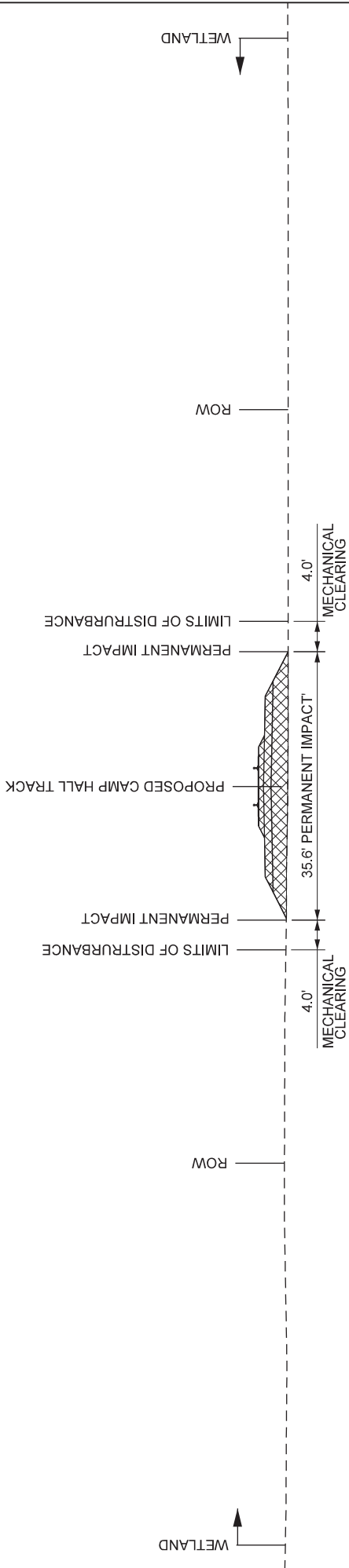
**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
 APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
 APPLICATION # SAC-2016-01395  
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**CROSS SECTION SHEET 12 OF 54**

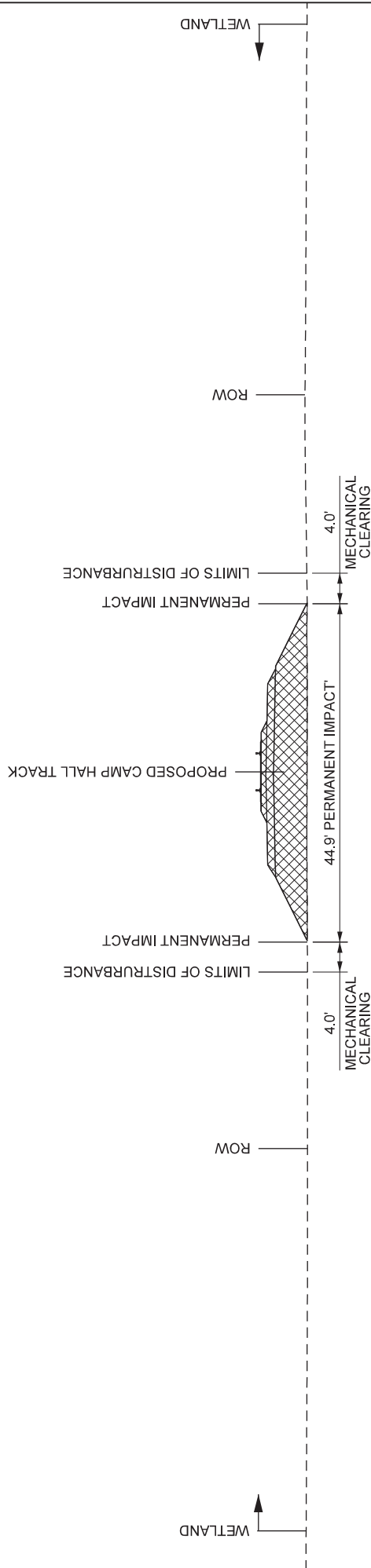


APPLICANT: PALMETTO RAILWAYS





**SECTION AA  
STA. 485+00**



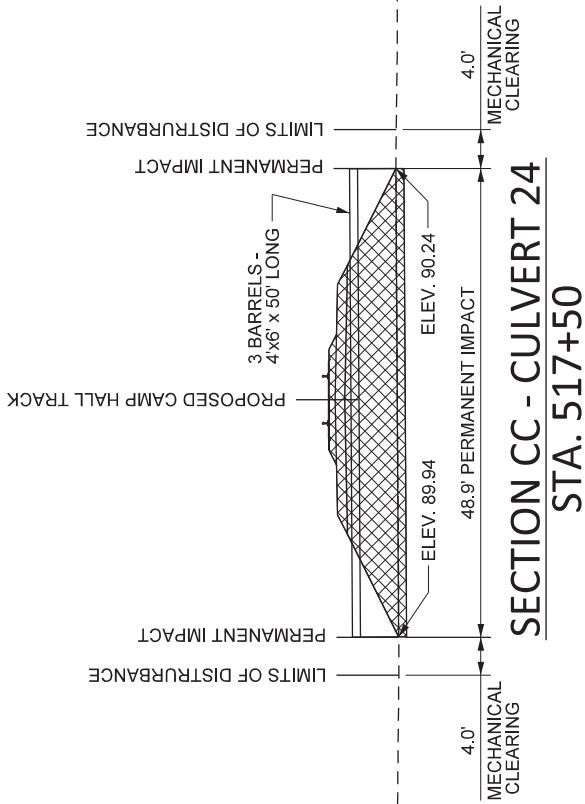
**SECTION BB  
STA. 515+00**

**CROSS SECTION SHEET 13 OF 54**

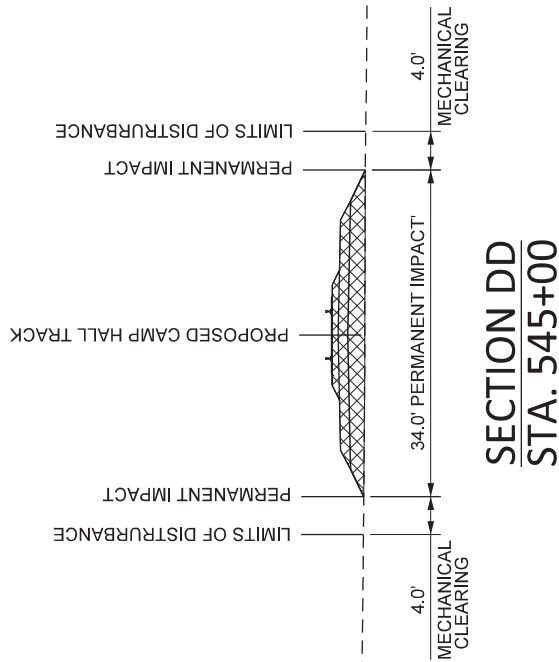
**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
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 APPLICATION # SAC-2016-01395  
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APPLICANT: PALMETTO RAILWAYS



**SECTION CC - CULVERT 24**  
**STA. 517+50**



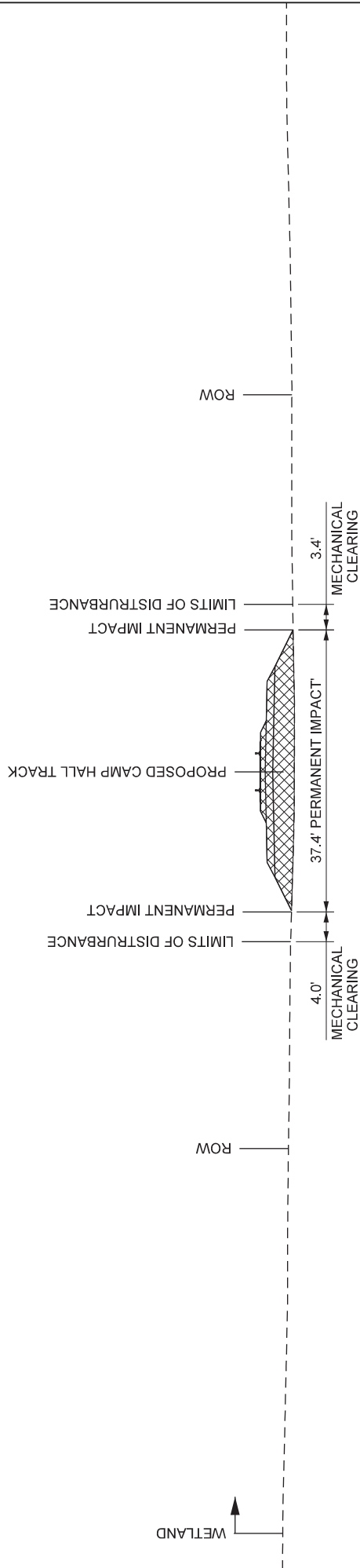
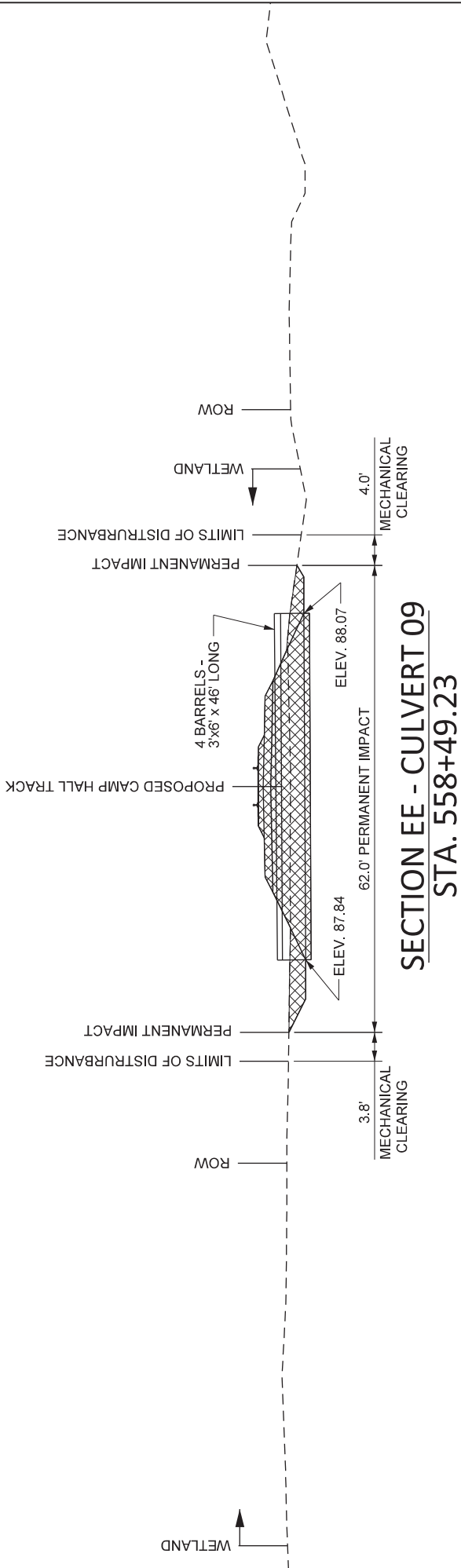
**SECTION DD**  
**STA. 545+00**

**CROSS SECTION SHEET 14 OF 54**

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
BERKELEY COUNTY, SOUTH CAROLINA  
APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
APPLICATION # SAC-2016-01395  
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APPLICANT: PALMETTO RAILWAYS



**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
 APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
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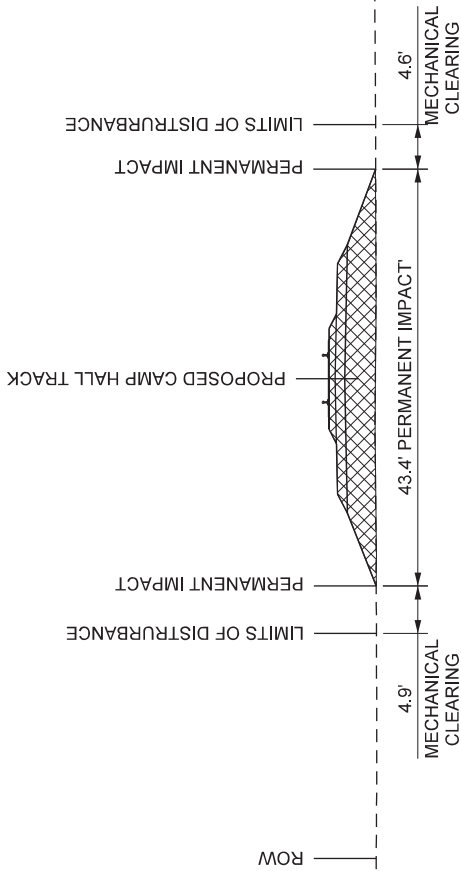


**CROSS SECTION SHEET 15 OF 54**

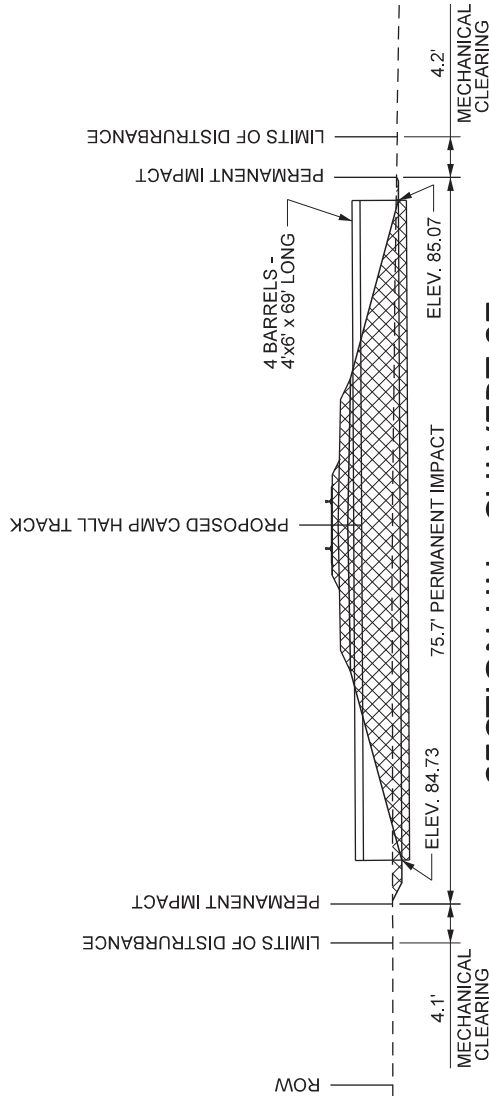


APPLICANT: PALMETTO RAILWAYS





**SECTION GG**  
**STA. 589+00**



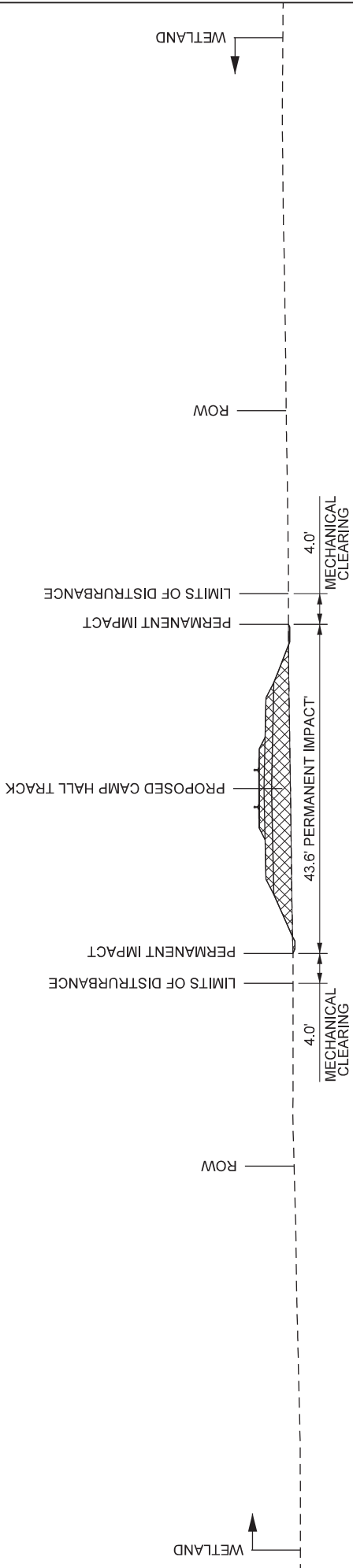
**SECTION HH - CULVERT 07**  
**STA. 591+21.73**

**CROSS SECTION SHEET 16 OF 54**

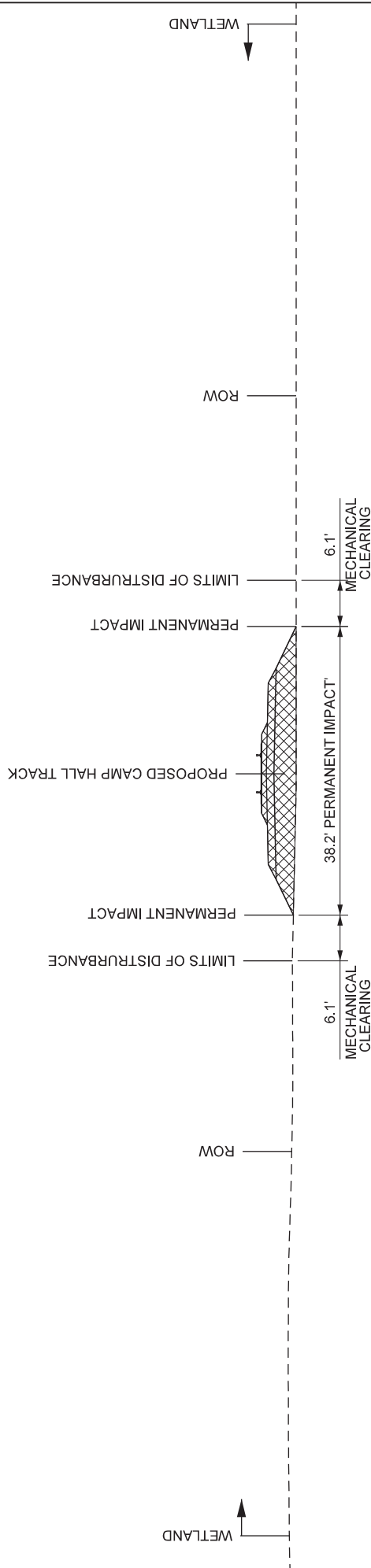
**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
BERKELEY COUNTY, SOUTH CAROLINA  
APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
APPLICATION # SAC-2016-01395  
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APPLICANT: PALMETTO RAILWAYS



**SECTION JJ**  
**STA. 593+00**



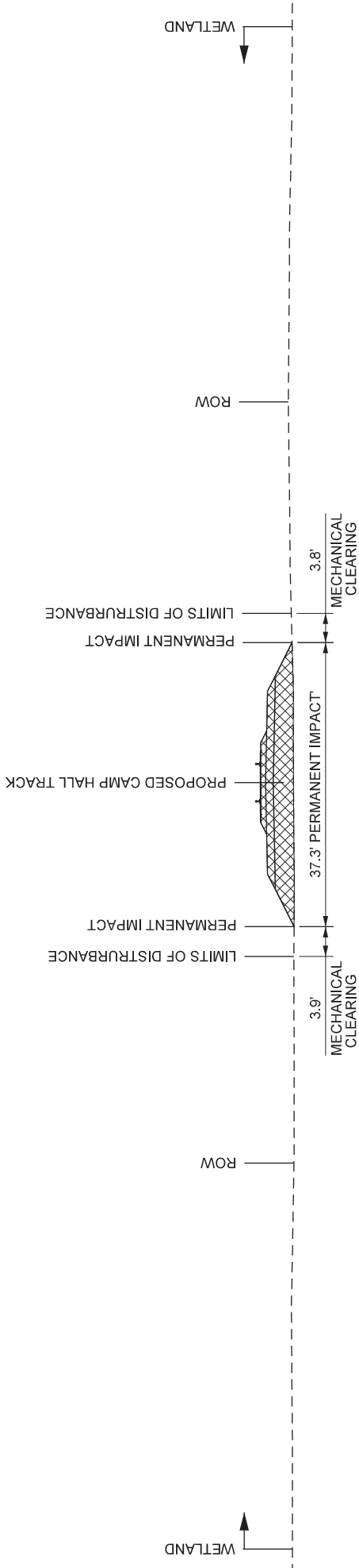
**SECTION KK**  
**STA. 615+00**

**CROSS SECTION SHEET 17 OF 54**

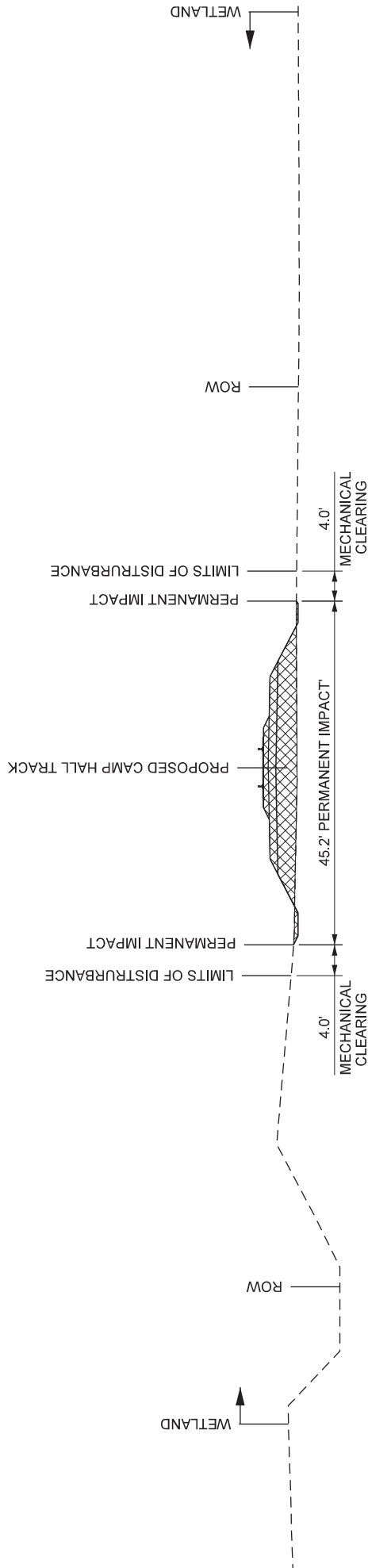
**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
BERKELEY COUNTY, SOUTH CAROLINA  
APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
APPLICATION # SAC-2016-01395  
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APPLICANT: PALMETTO RAILWAYS



**SECTION LL  
STA. 630+00**



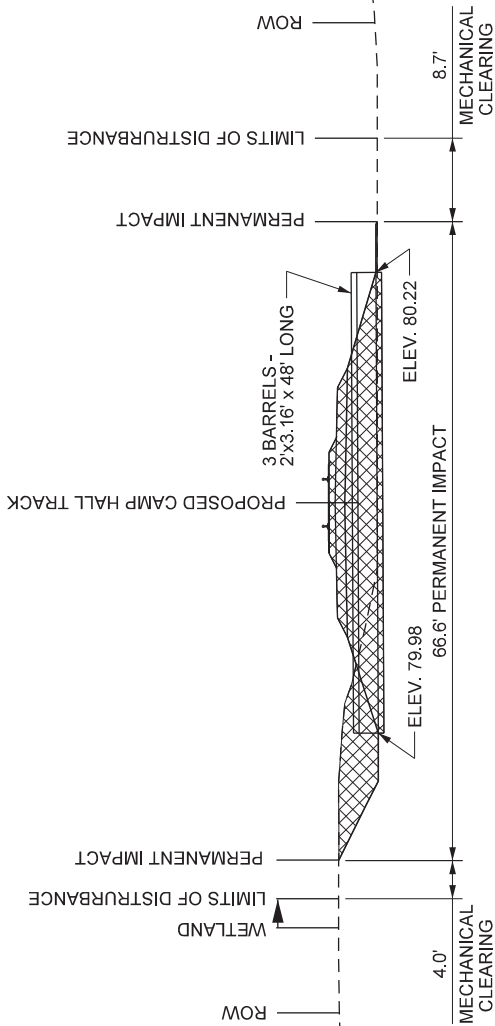
**SECTION MM  
STA. 665+00**

**CROSS SECTION SHEET 18 OF 54**

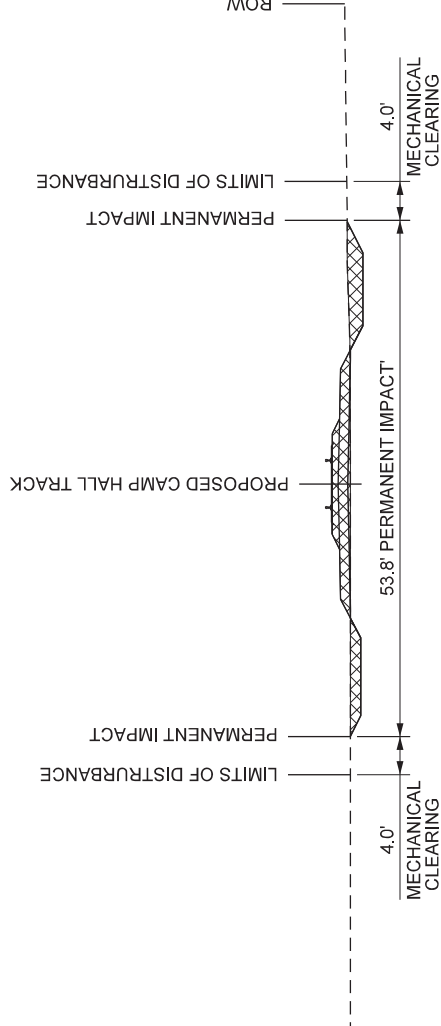
**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
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APPLICANT: PALMETTO RAILWAYS



**SECTION NN - CULVERT 25**  
**STA. 678+50.61**



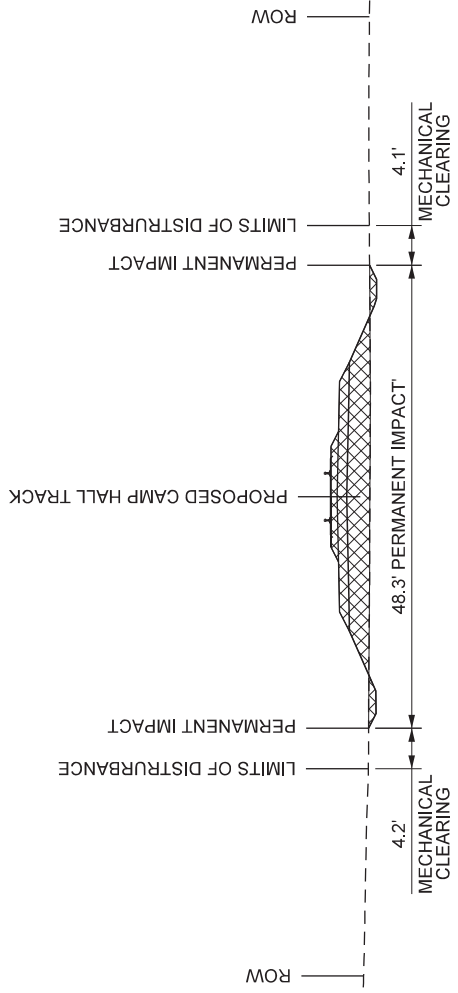
**SECTION PP**  
**STA. 685+00**

**CROSS SECTION SHEET 19 OF 54**

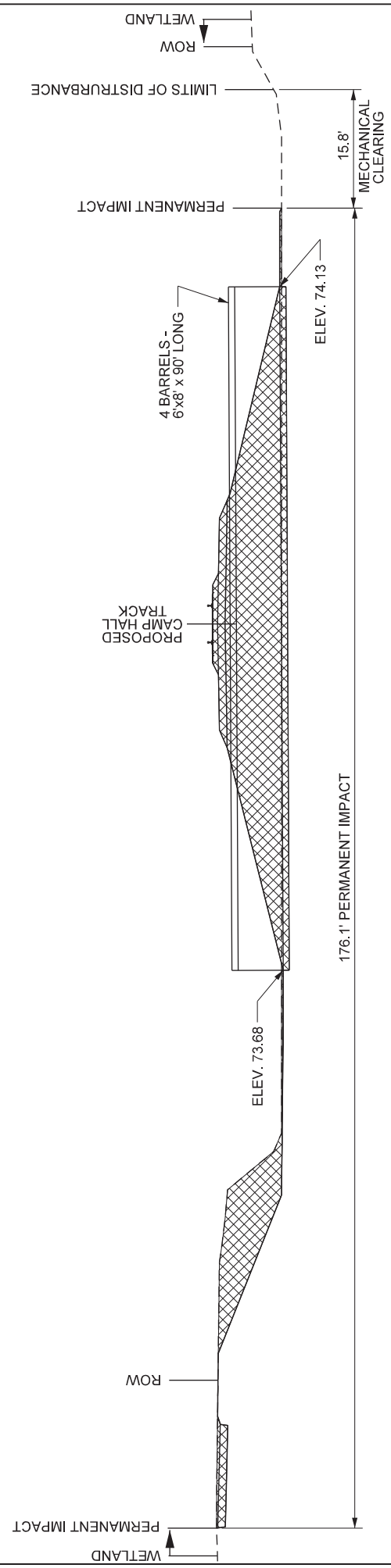
**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
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APPLICANT: PALMETTO RAILWAYS



**SECTION QQ  
STA. 721+00**



**SECTION RR - CULVERT 04B AND ACCESS ROADS  
STA. 722+41.58**

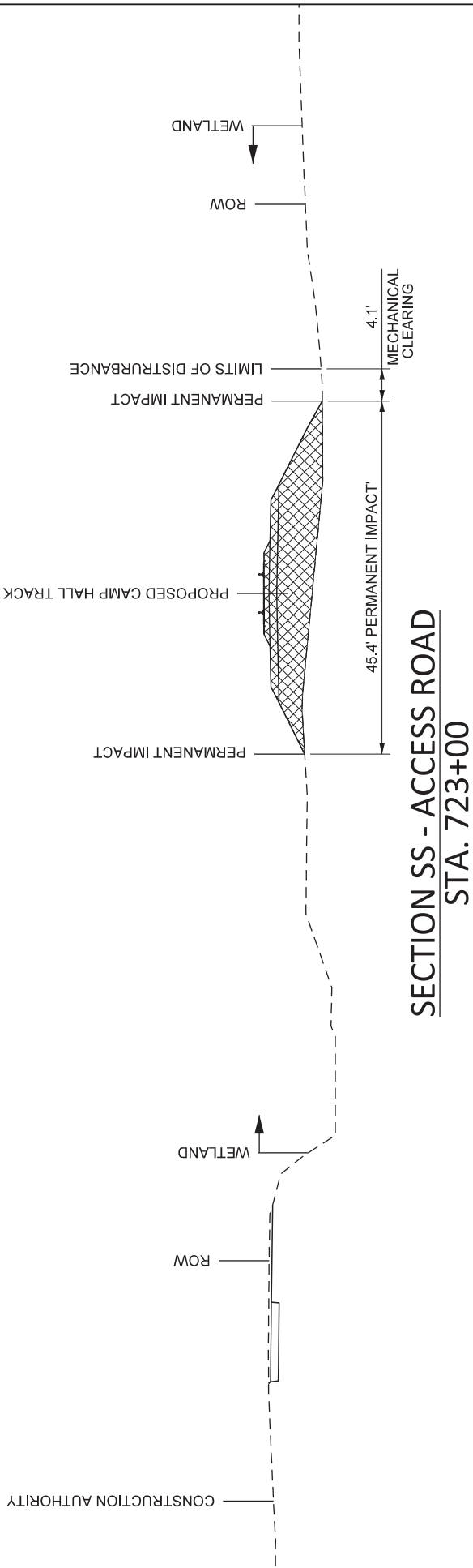


APPLICANT: PALMETTO RAILWAYS

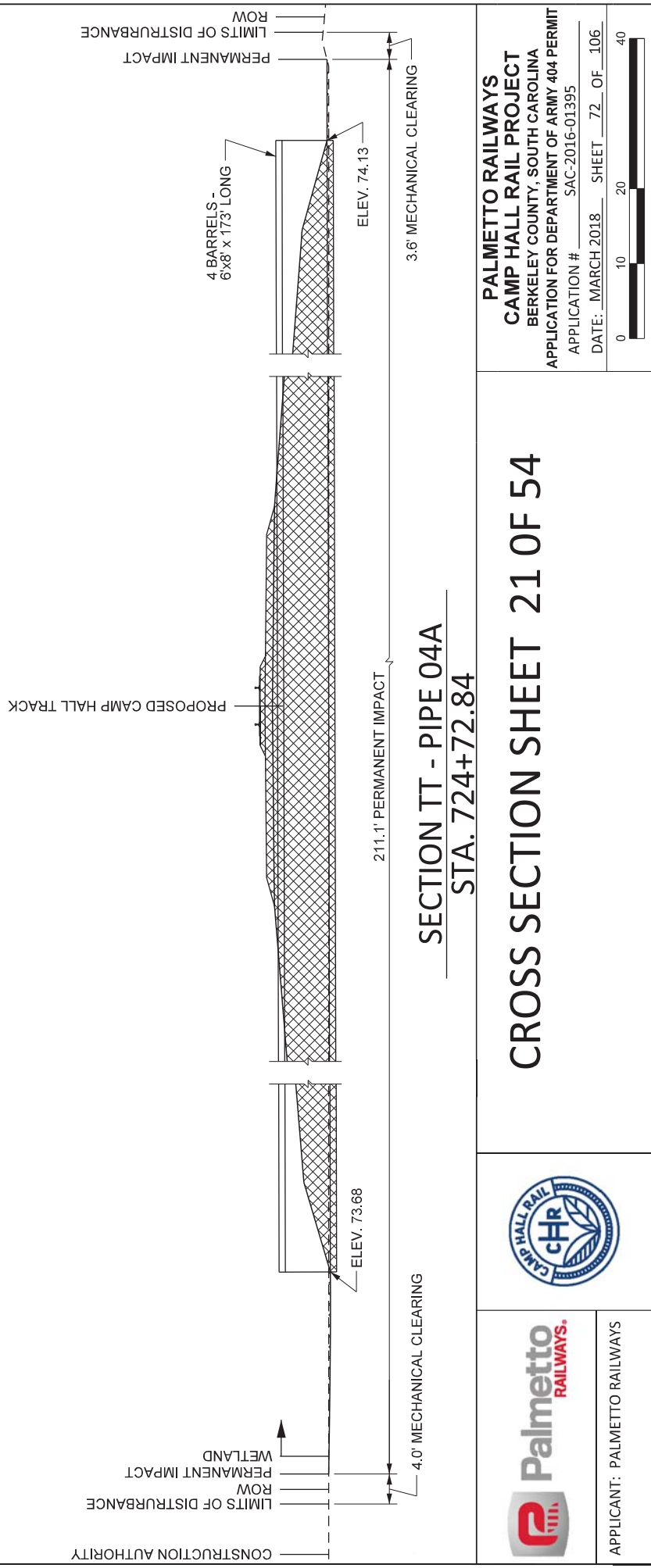
**PALMETTO RAILWAYS  
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BERKELEY COUNTY, SOUTH CAROLINA  
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**SECTION SS - ACCESS ROAD  
STA. 723+00**



**SECTION TT - PIPE 04A  
STA. 724+72.84**

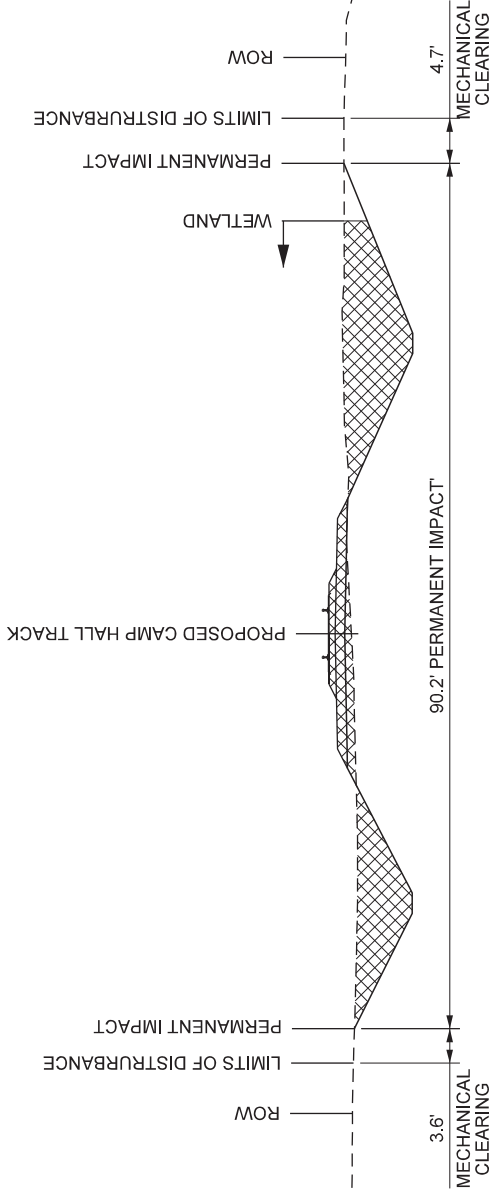
**CROSS SECTION SHEET 21 OF 54**

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
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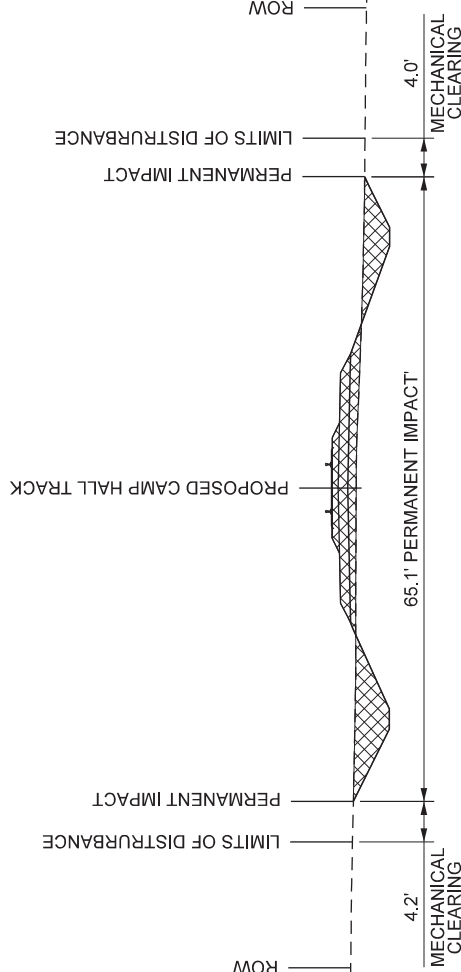


APPLICANT: PALMETTO RAILWAYS





**SECTION UU**  
**STA. 726+00**



**SECTION VV**  
**STA. 730+00**

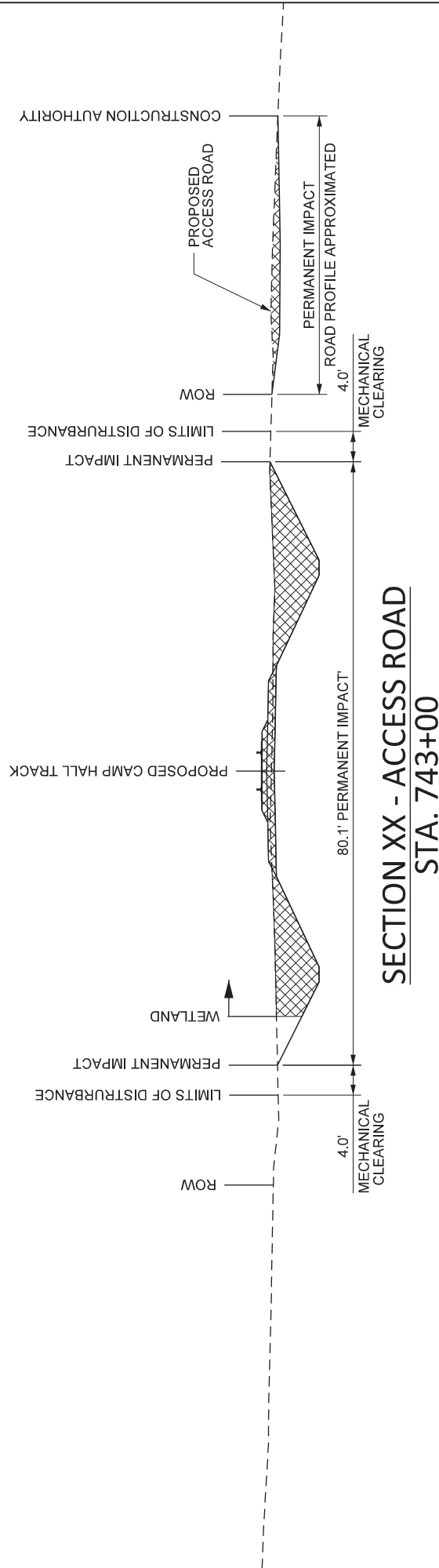
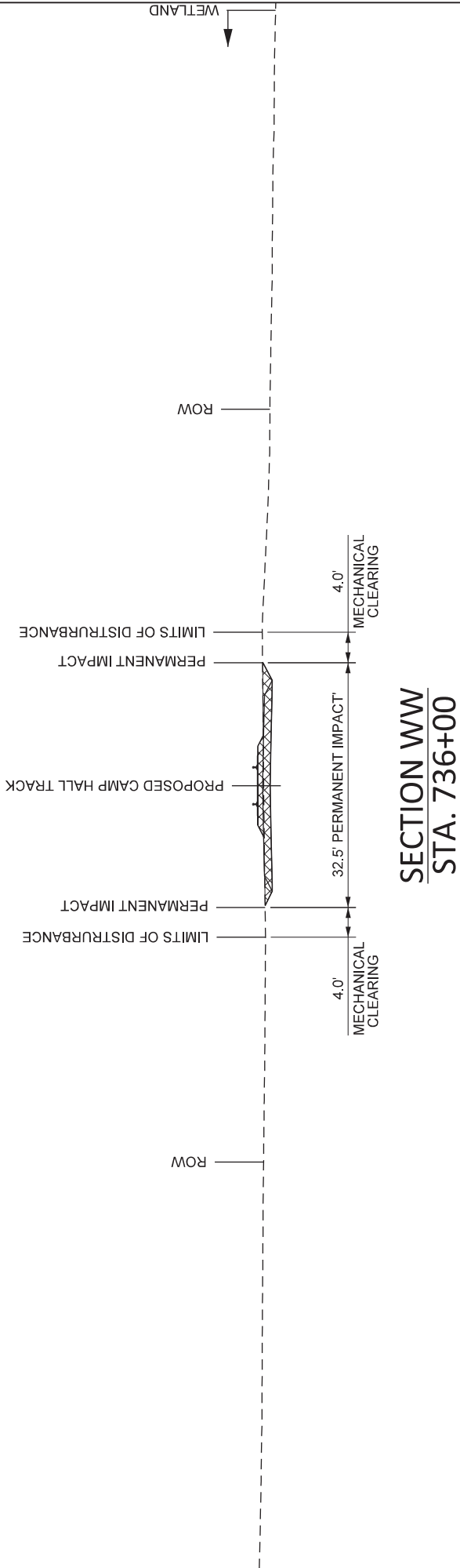


APPLICANT: PALMETTO RAILWAYS

**CROSS SECTION SHEET 22 OF 54**

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
BERKELEY COUNTY, SOUTH CAROLINA  
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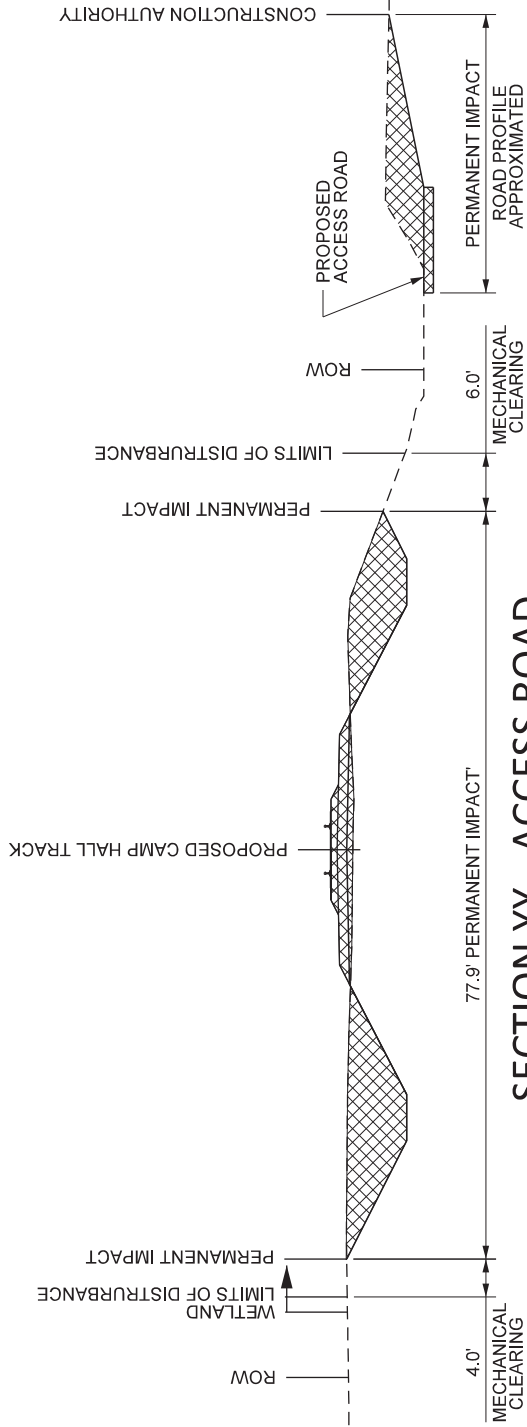
**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
 APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
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**CROSS SECTION SHEET 23 OF 54**

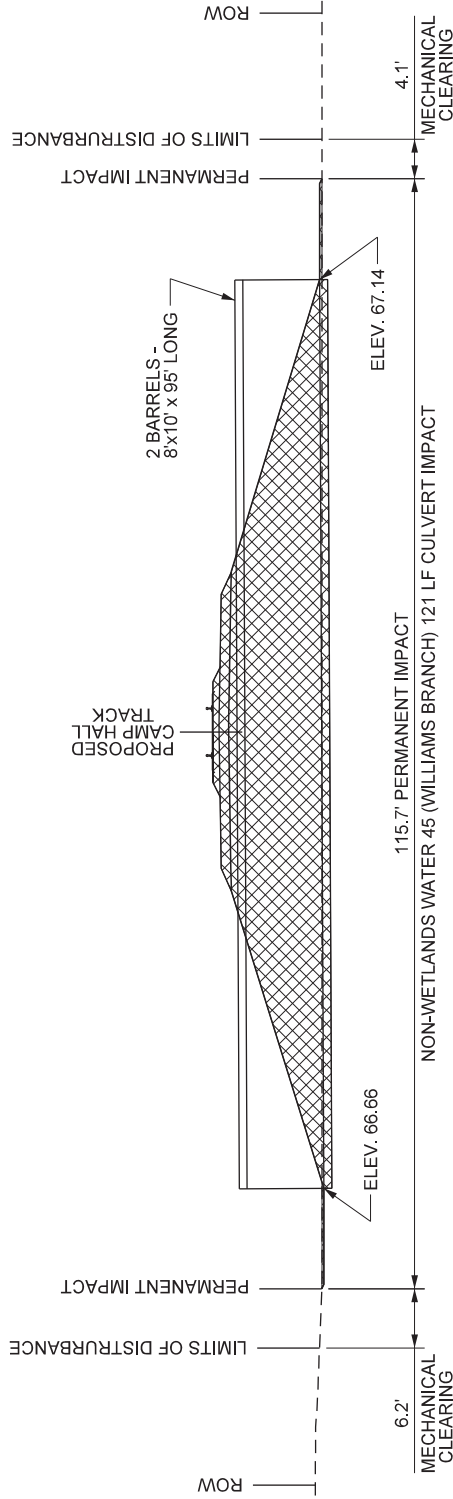


**Palmetto RAILWAYS.**  
 APPLICANT: PALMETTO RAILWAYS





**SECTION YY - ACCESS ROAD**  
**STA. 751+00**



**SECTION ZZ - CULVERT 03**  
**STA. 754+87.61**

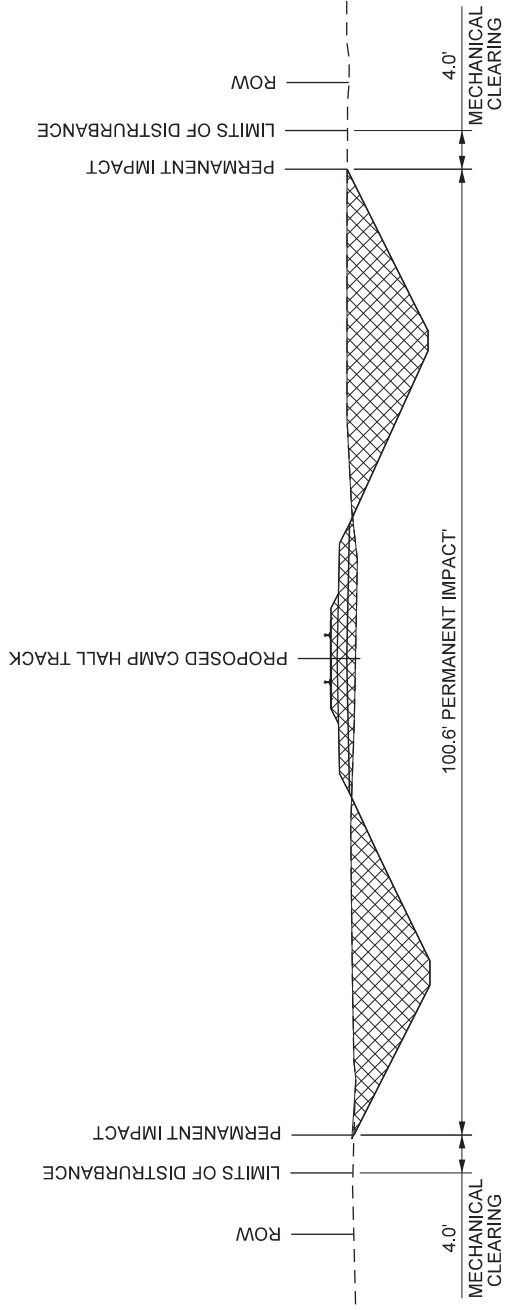
**CROSS SECTION SHEET 24 OF 54**



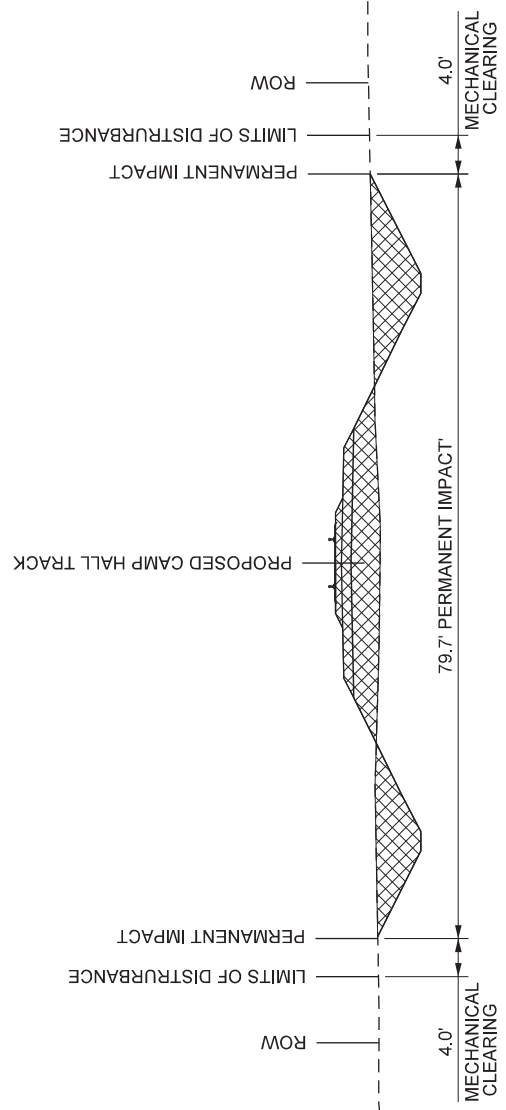
**Palmetto RAILWAYS.**  
APPLICANT: PALMETTO RAILWAYS

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
BERKELEY COUNTY, SOUTH CAROLINA  
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**SECTION AAA  
STA. 760+00**



**SECTION BBB  
STA. 772+00**

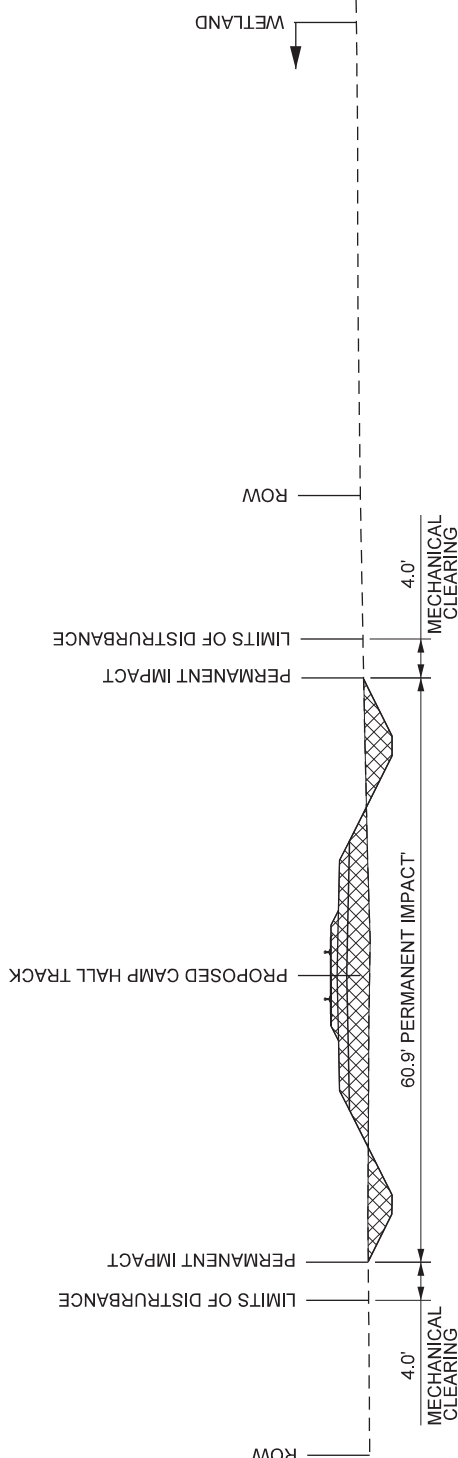
**PALMETTO RAILWAYS  
CAMP HALL RAIL PROJECT**  
BERKELEY COUNTY, SOUTH CAROLINA  
APPLICATION FOR DEPARTMENT OF ARMY 404 PERMIT  
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**CROSS SECTION SHEET 25 OF 54**

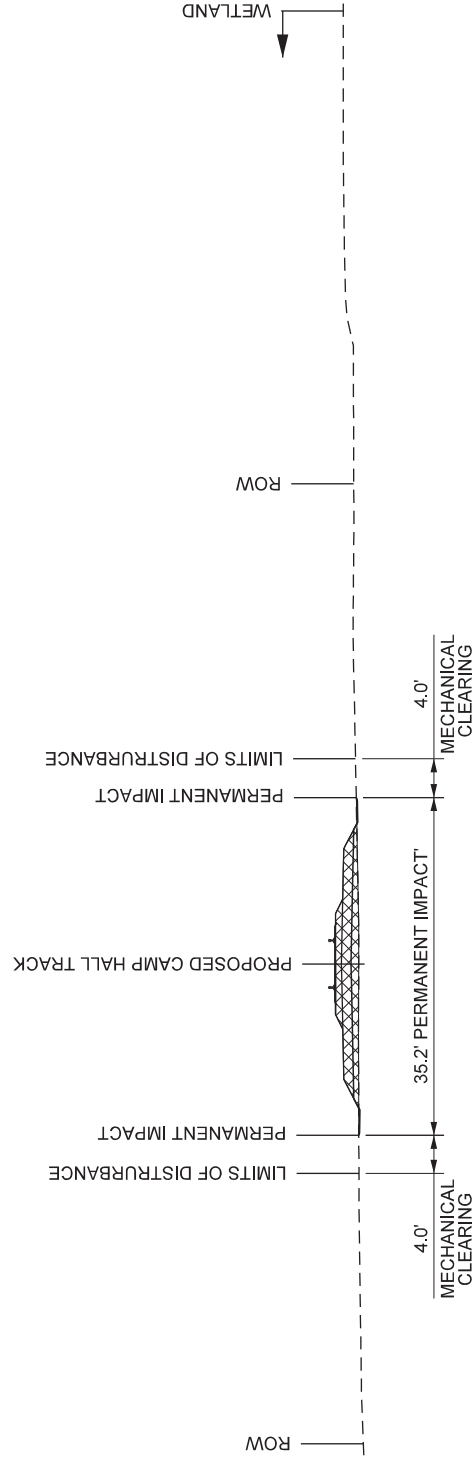


APPLICANT: PALMETTO RAILWAYS





**SECTION CCC  
STA. 783+00**



**SECTION DDD  
STA. 805+00**

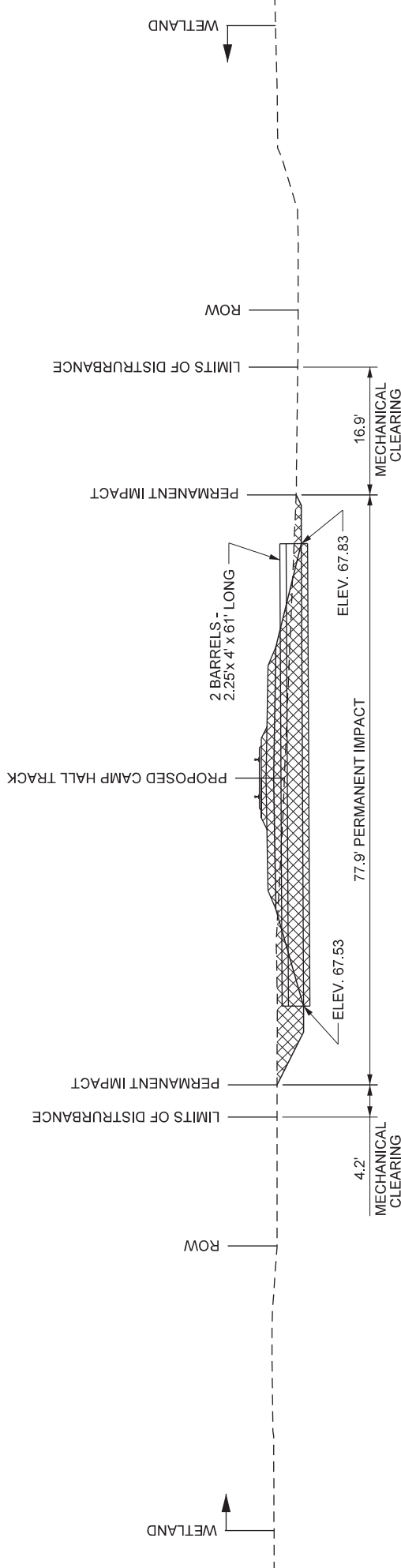
**CROSS SECTION SHEET 26 OF 54**

**PALMETTO RAILWAYS  
CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
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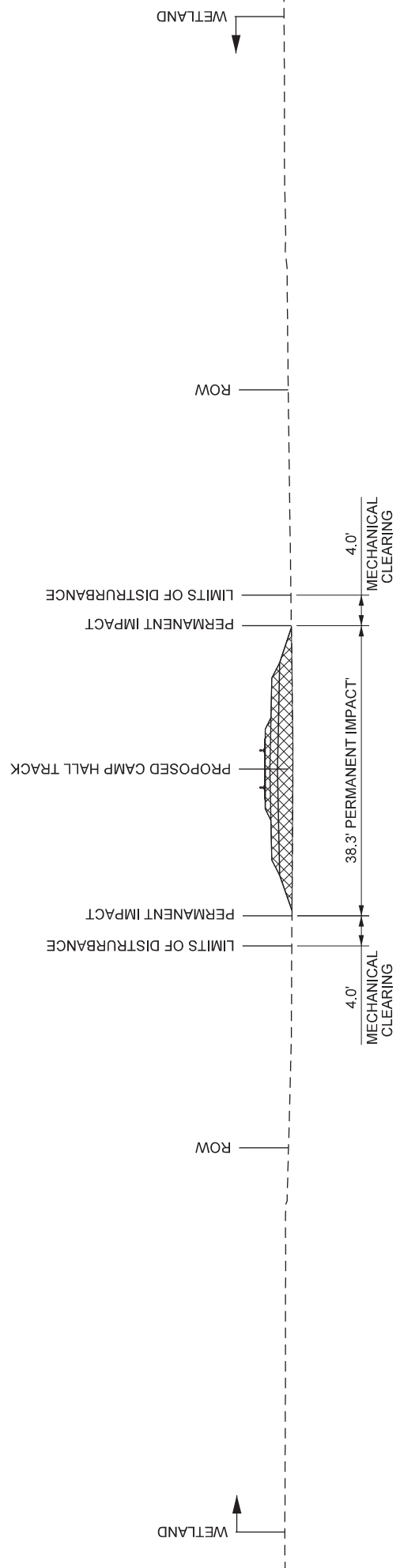


APPLICANT: PALMETTO RAILWAYS





**SECTION EEE - CULVERT 23A**  
**STA. 817+03.72**



**SECTION FFF**  
**STA. 820+00**

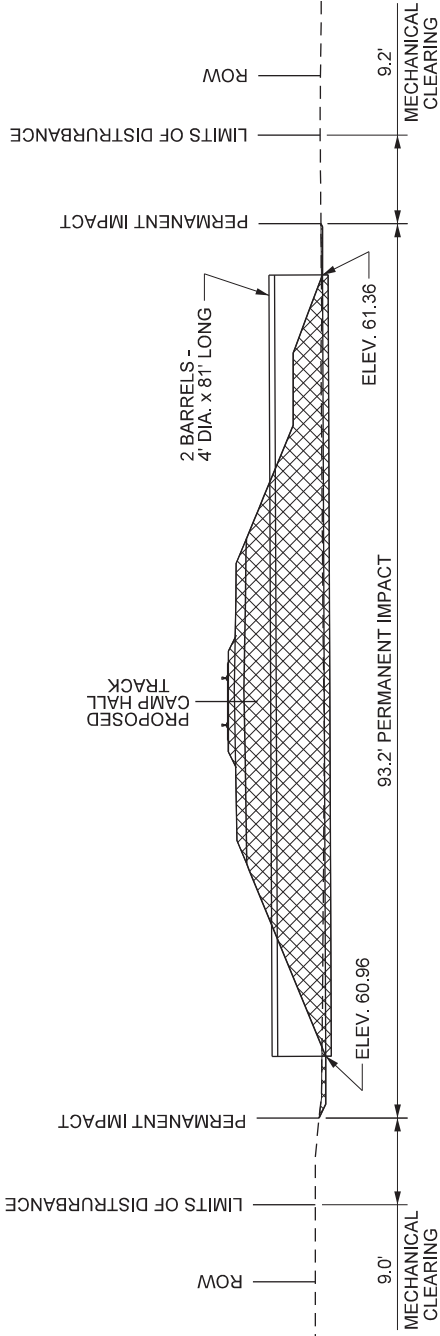
**CROSS SECTION SHEET 27 OF 54**

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
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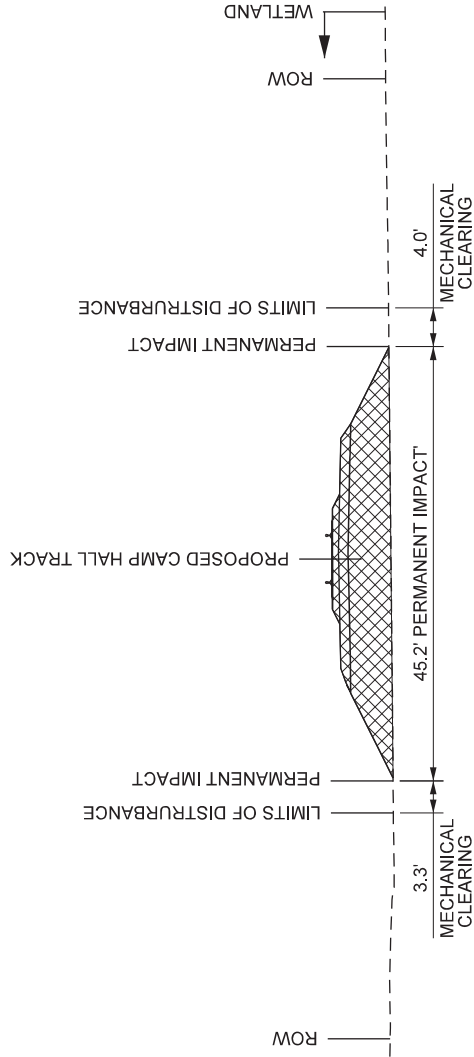


APPLICANT: PALMETTO RAILWAYS





**SECTION GGG - CULVERT 41**  
**STA. 829+42.90**



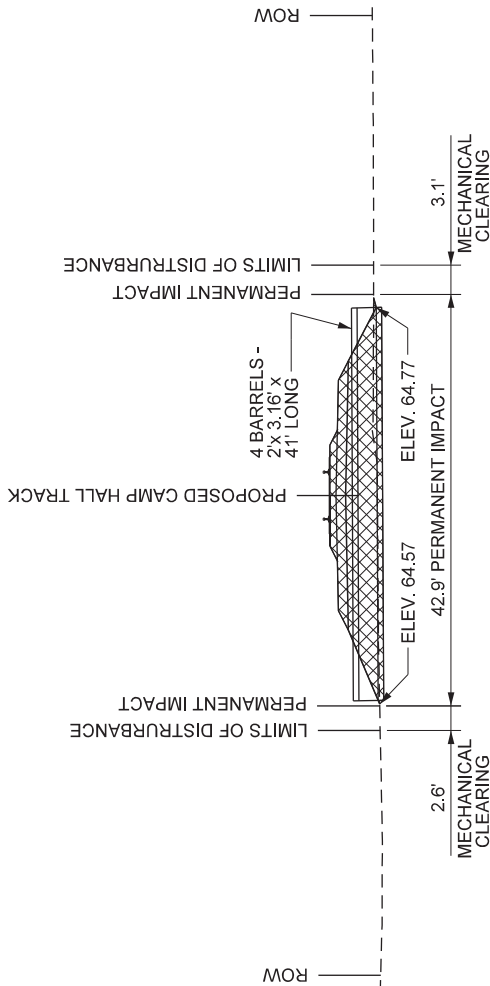
**SECTION HHH**  
**STA. 830+00**

**CROSS SECTION SHEET 28 OF 54**

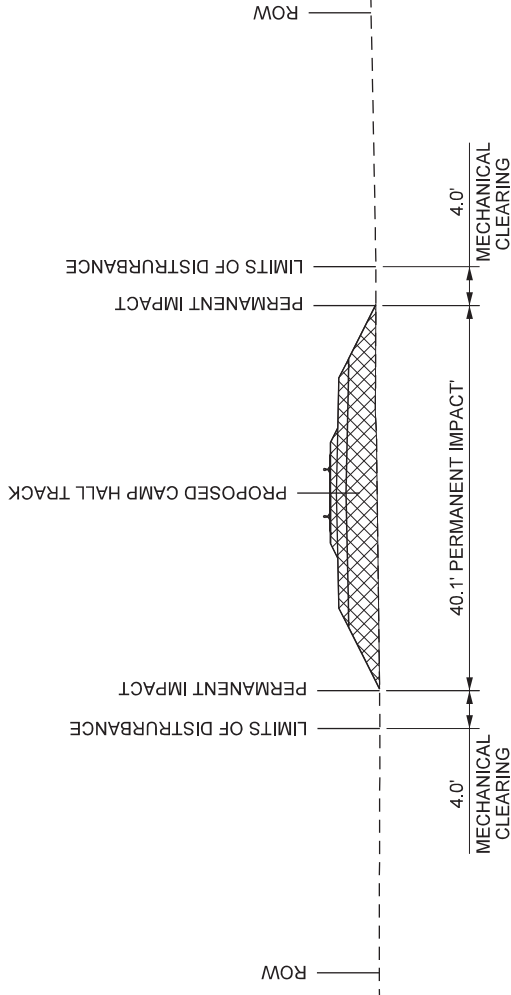
**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
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APPPLICANT: PALMETTO RAILWAYS



**SECTION JJJ - CULVERT 27**  
**STA. 849+99.98**



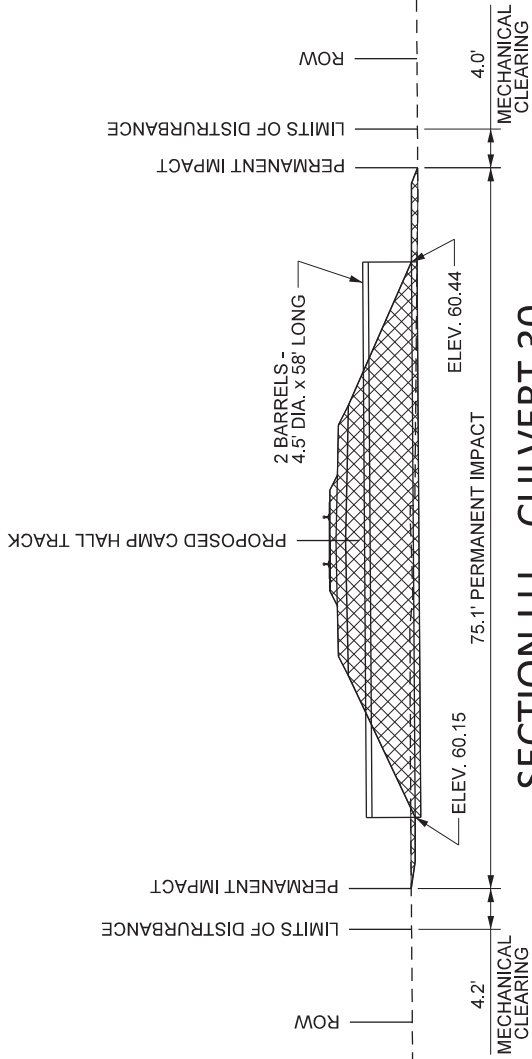
**SECTION KKK**  
**STA. 851+00**

**CROSS SECTION SHEET 29 OF 54**

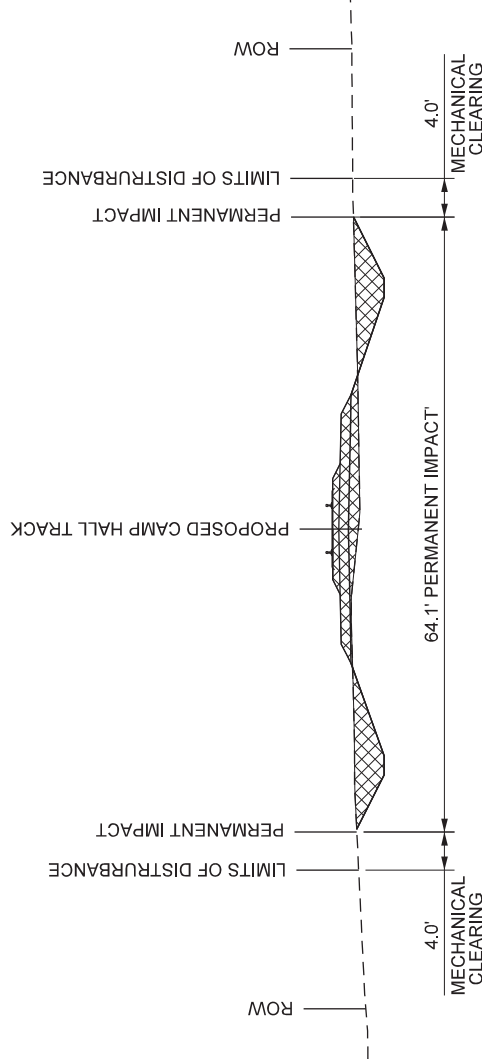
**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
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APPLICANT: PALMETTO RAILWAYS



**SECTION LLL - CULVERT 30**  
**STA. 853+25.30**



**SECTION MMM**  
**STA. 866+00**

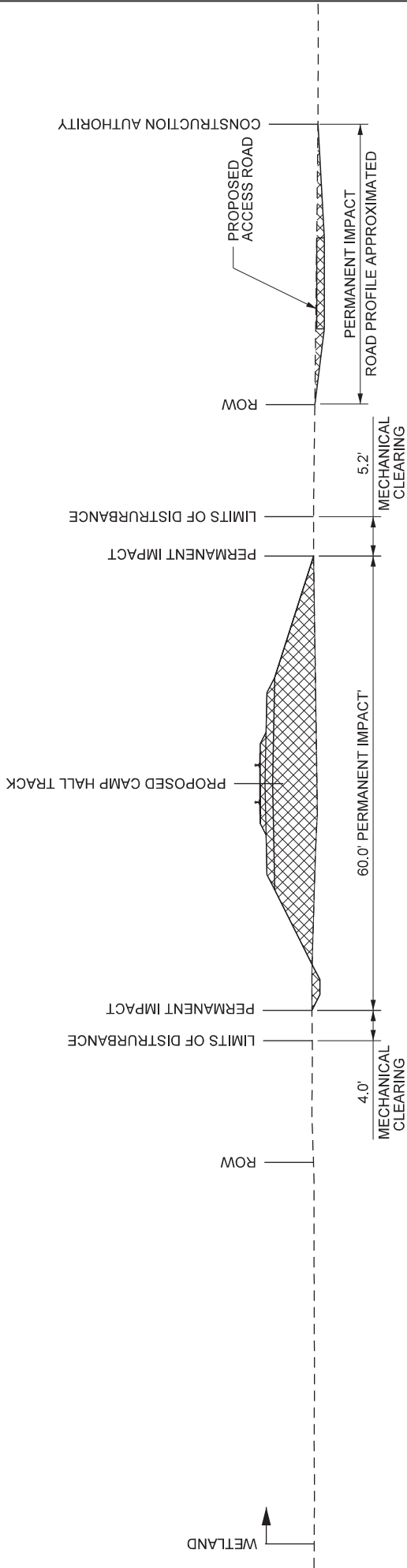


APPLICANT: PALMETTO RAILWAYS

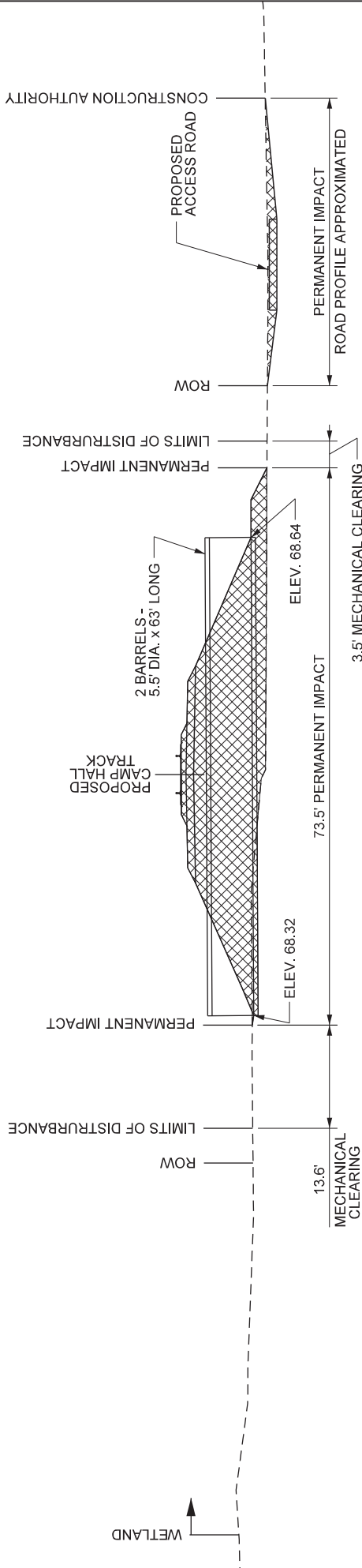
**CROSS SECTION SHEET 30 OF 54**

**PALMETTO RAILWAYS**  
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**SECTION NNN  
STA. 874+00**



**SECTION PPP - CULVERT 14  
STA. 874+33.33**

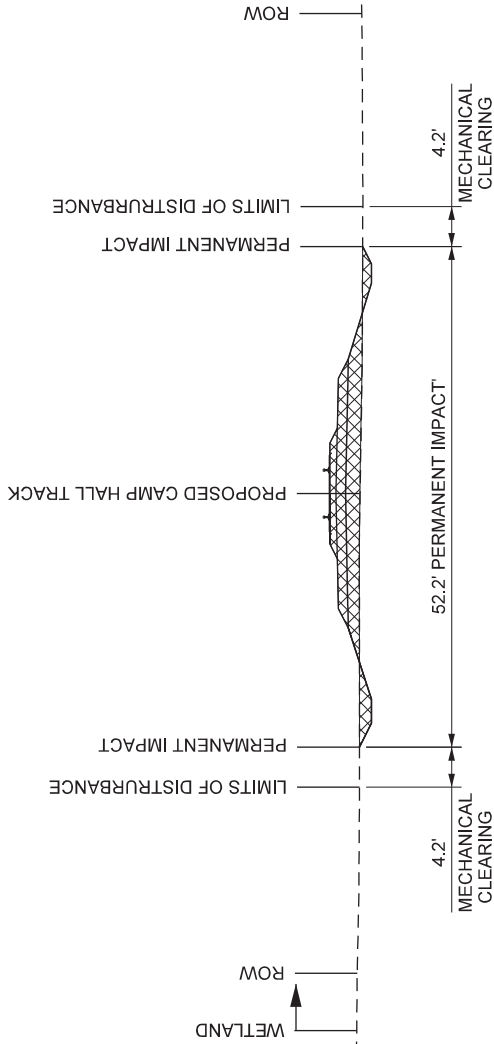


APPLICANT: PALMETTO RAILWAYS

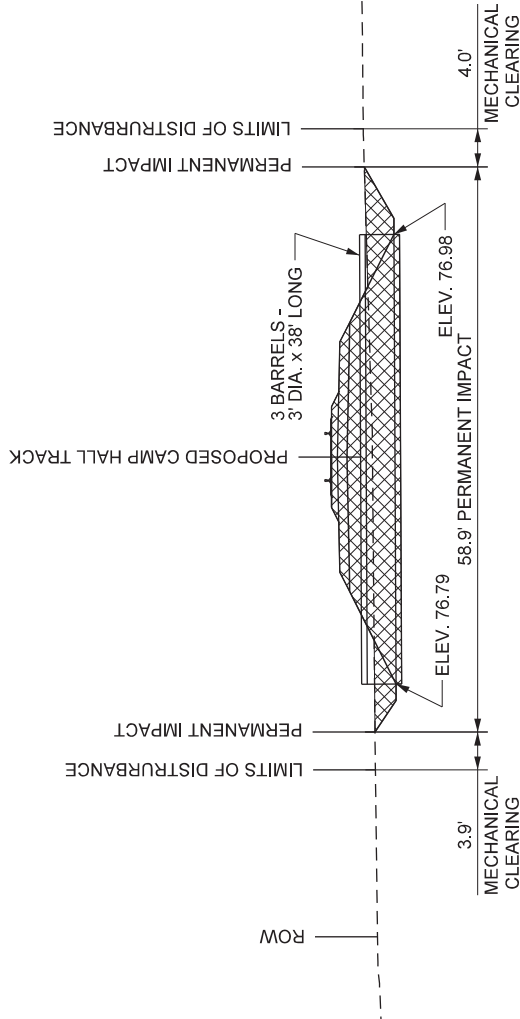
**CROSS SECTION SHEET 31 OF 54**

**PALMETTO RAILWAYS  
CAMP HALL RAIL PROJECT  
BERKELEY COUNTY, SOUTH CAROLINA  
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**SECTION QQQ  
STA. 886+00**



**SECTION RRR - CULVERT 37  
STA. 918+47.04**



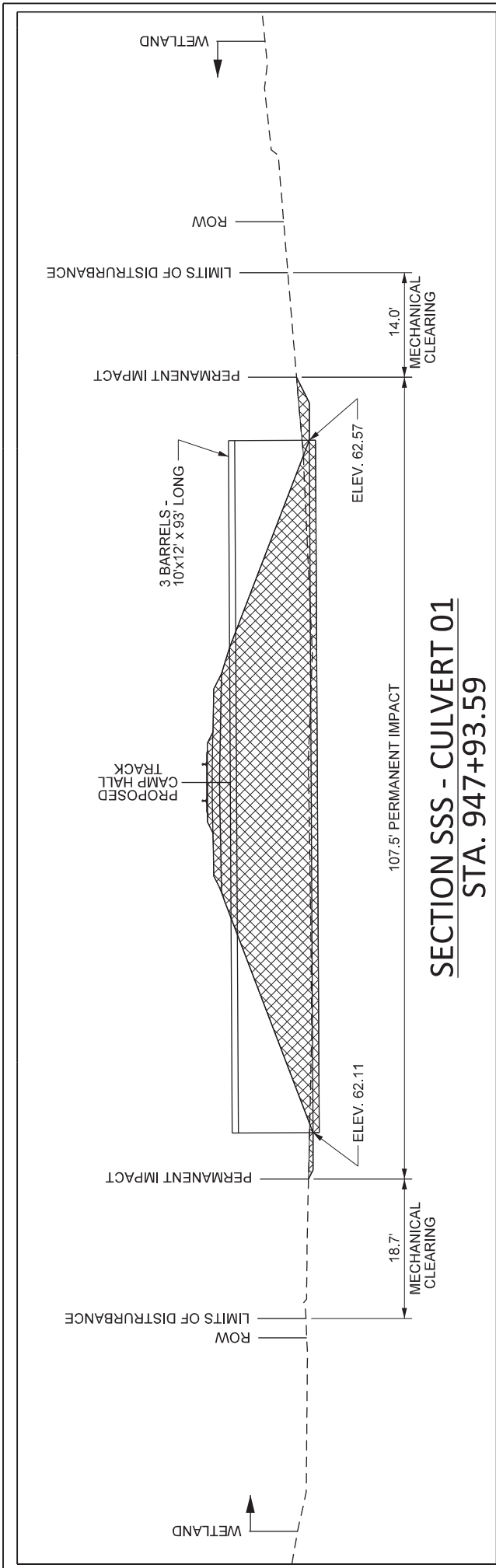
APPLICANT: PALMETTO RAILWAYS

**CROSS SECTION SHEET 32 OF 54**

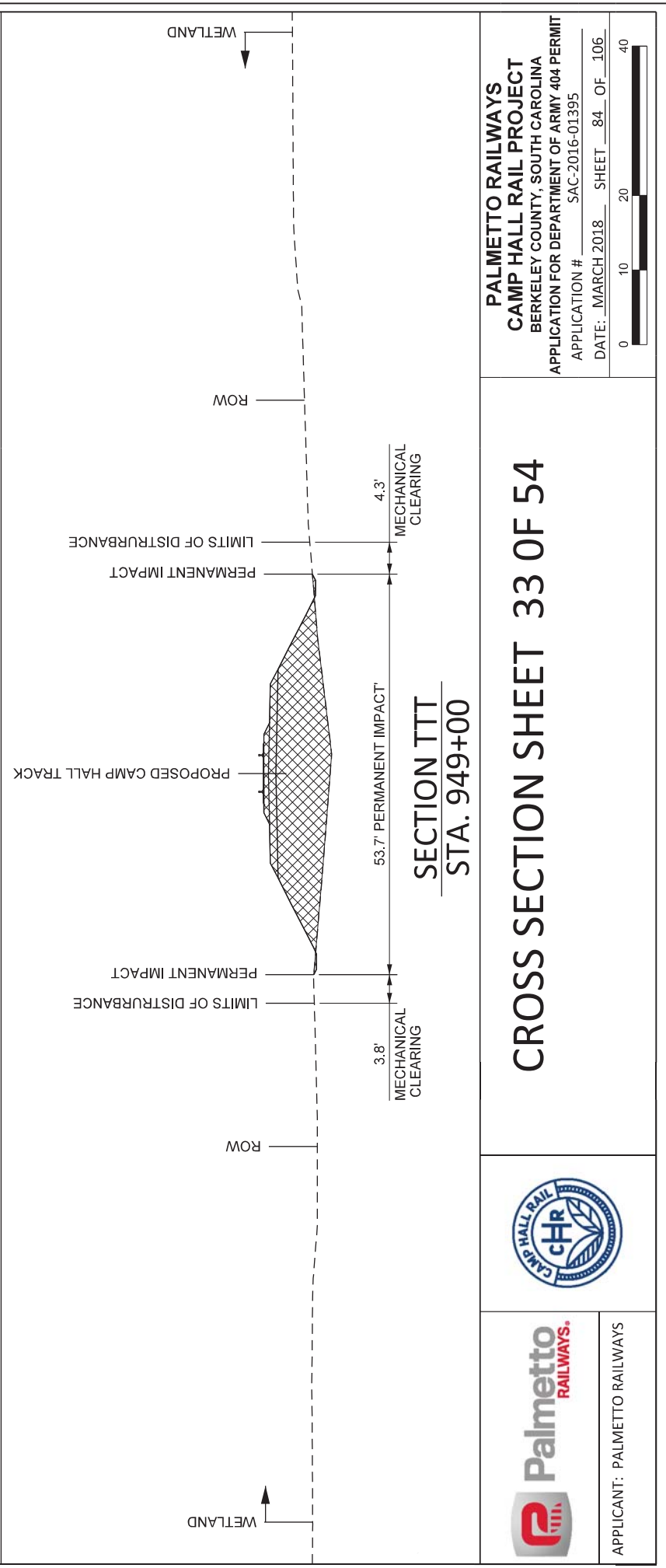
**PALMETTO RAILWAYS  
CAMP HALL RAIL PROJECT  
BERKELEY COUNTY, SOUTH CAROLINA  
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**SECTION SSS - CULVERT 01**  
**STA. 947+93.59**



**SECTION TTT**  
**STA. 949+00**

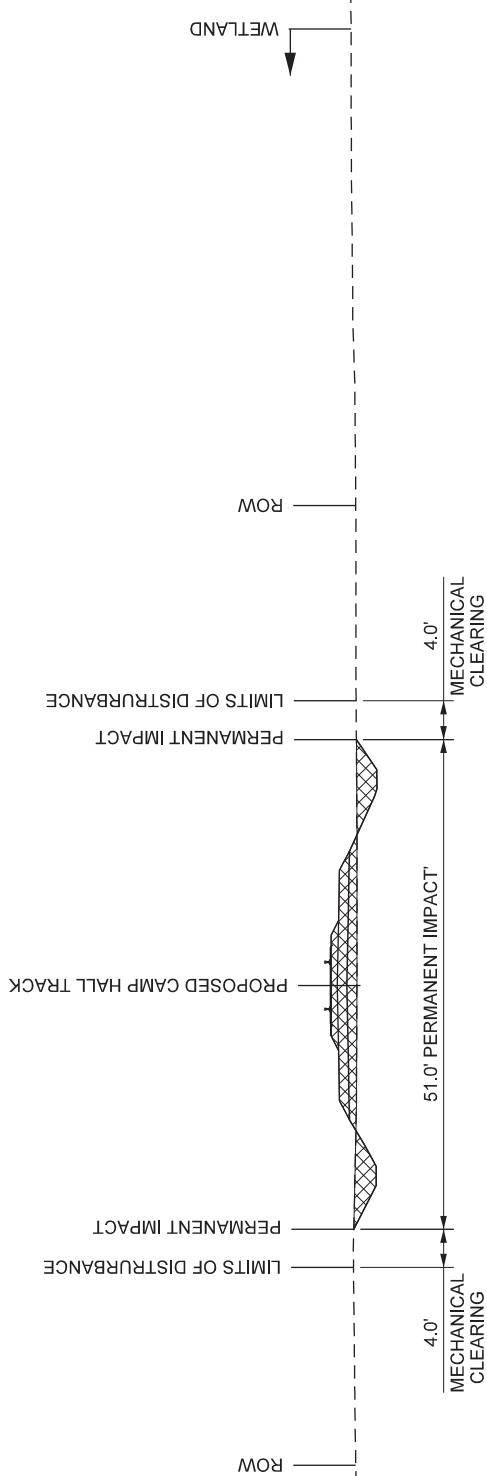
**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
 BERKELEY COUNTY, SOUTH CAROLINA  
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**CROSS SECTION SHEET 33 OF 54**

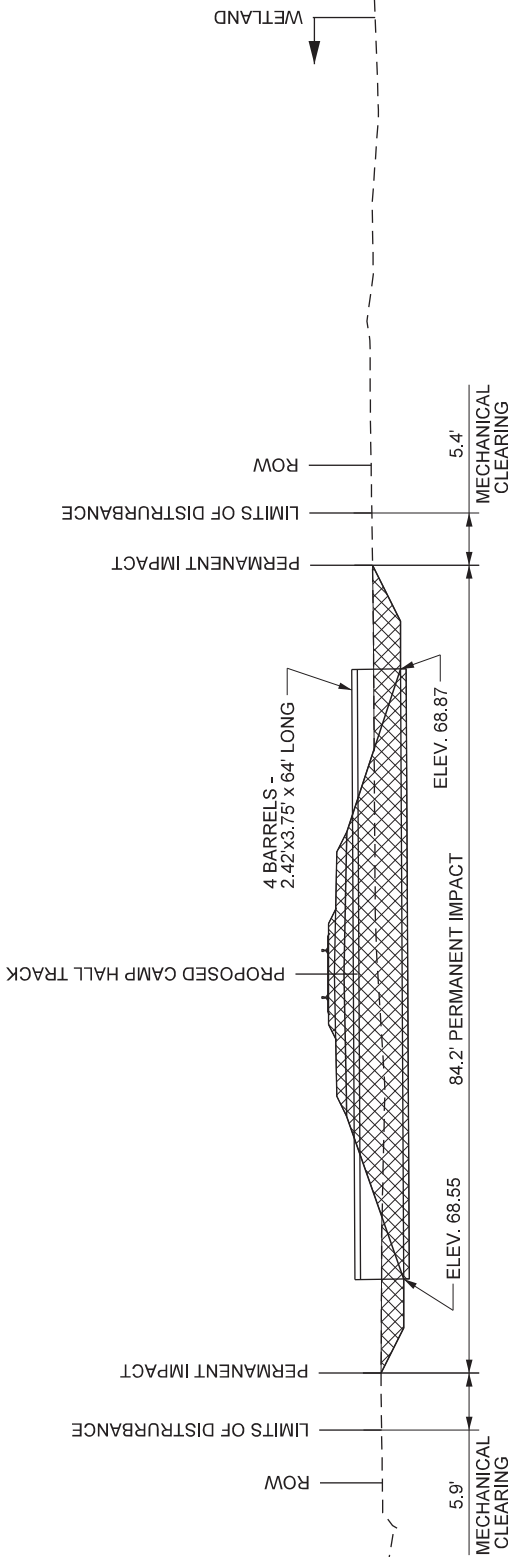


**Palmetto RAILWAYS.**  
 APPLICANT: PALMETTO RAILWAYS





**SECTION UUU  
STA. 960+00**



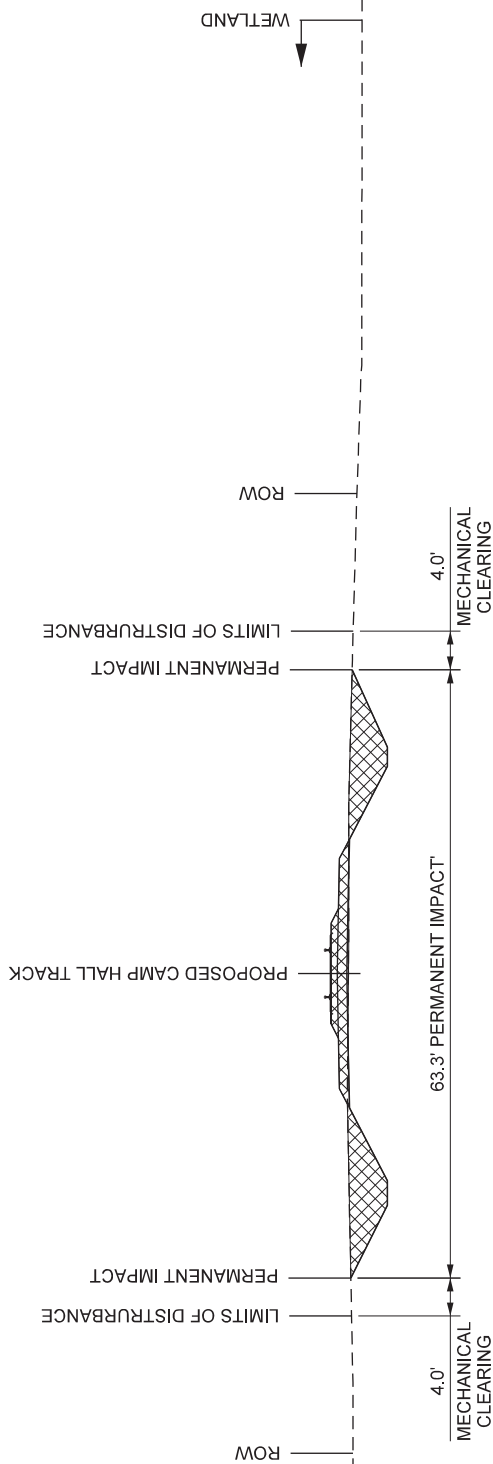
**SECTION VVV - CULVERT 36  
STA. 966+00.00**

**CROSS SECTION SHEET 34 OF 54**

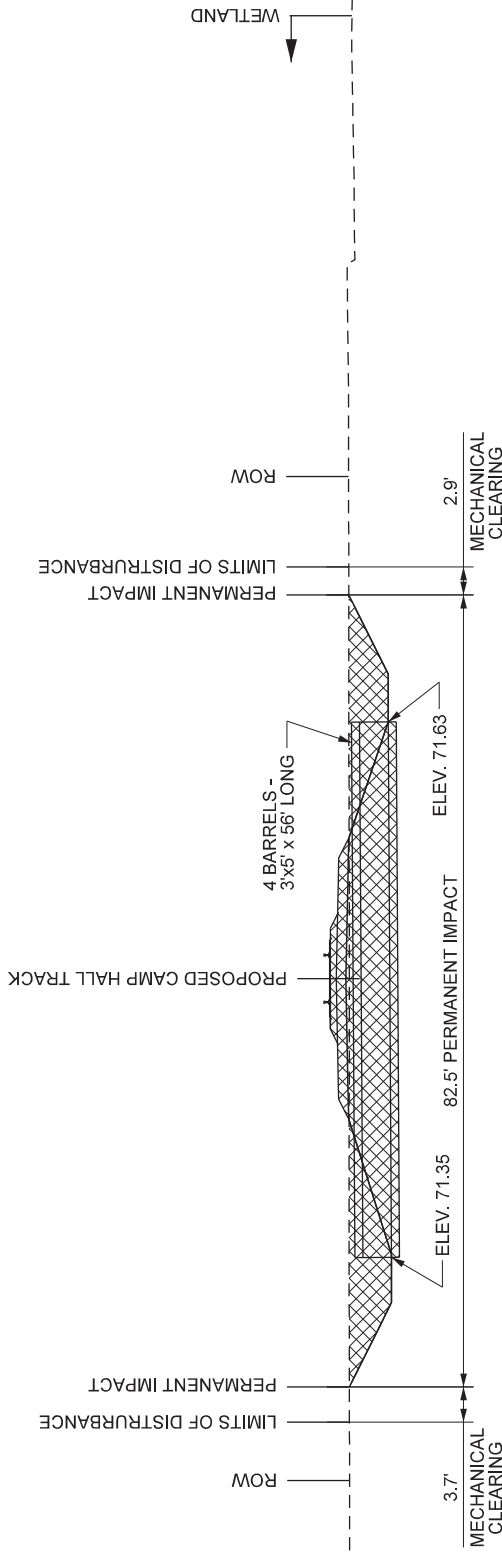
**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
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APPLICANT: PALMETTO RAILWAYS



**SECTION WWWW**  
**STA. 987+00**



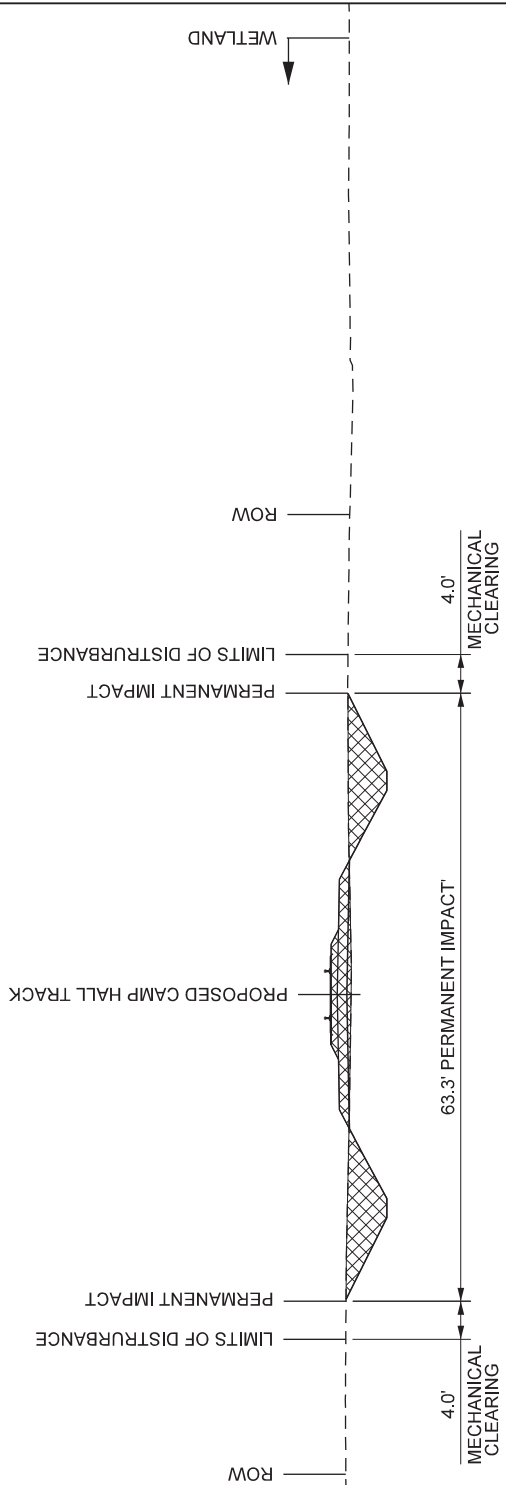
**SECTION XXX - CULVERT 22**  
**STA. 990+83.61**



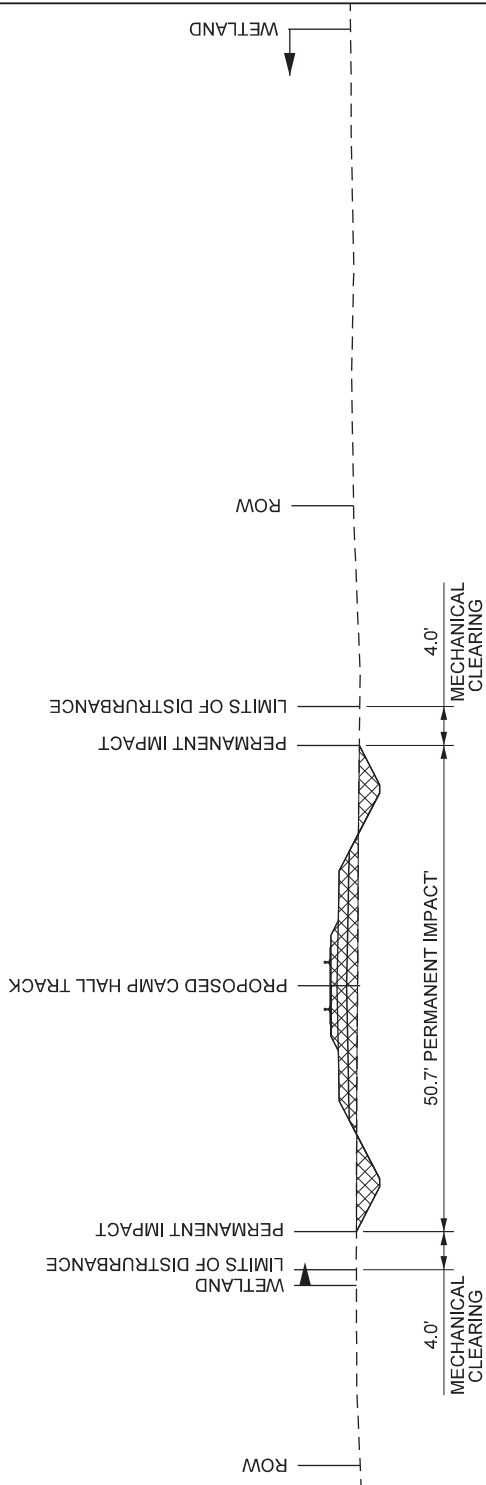
APPLICANT: PALMETTO RAILWAYS

**PALMETTO RAILWAYS**  
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BERKELEY COUNTY, SOUTH CAROLINA  
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0 10 20 40

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**SECTION YYY  
STA. 992+00**



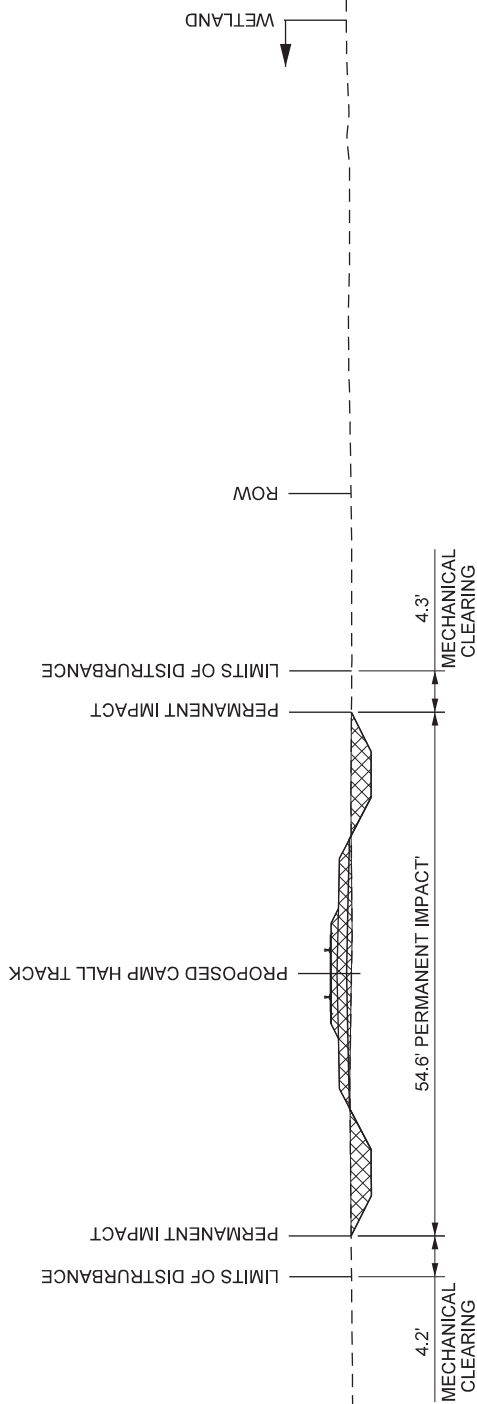
**SECTION ZZZ  
STA. 1003+00**

**CROSS SECTION SHEET 36 OF 54**

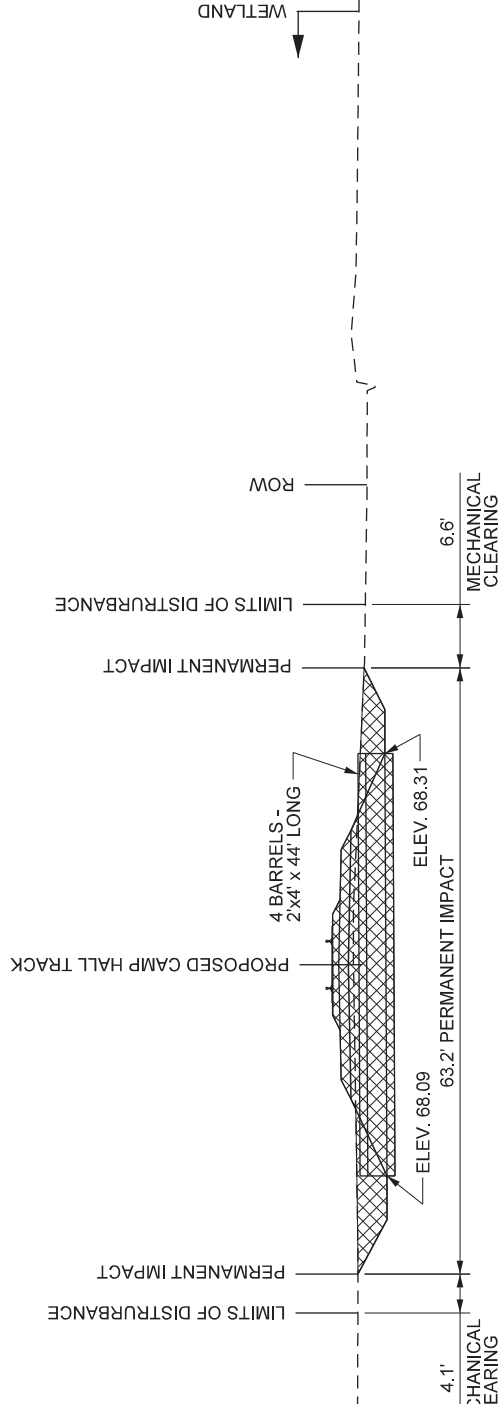
**PALMETTO RAILWAYS  
CAMP HALL RAIL PROJECT**  
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**SECTION AAAA  
STA. 1010+00**



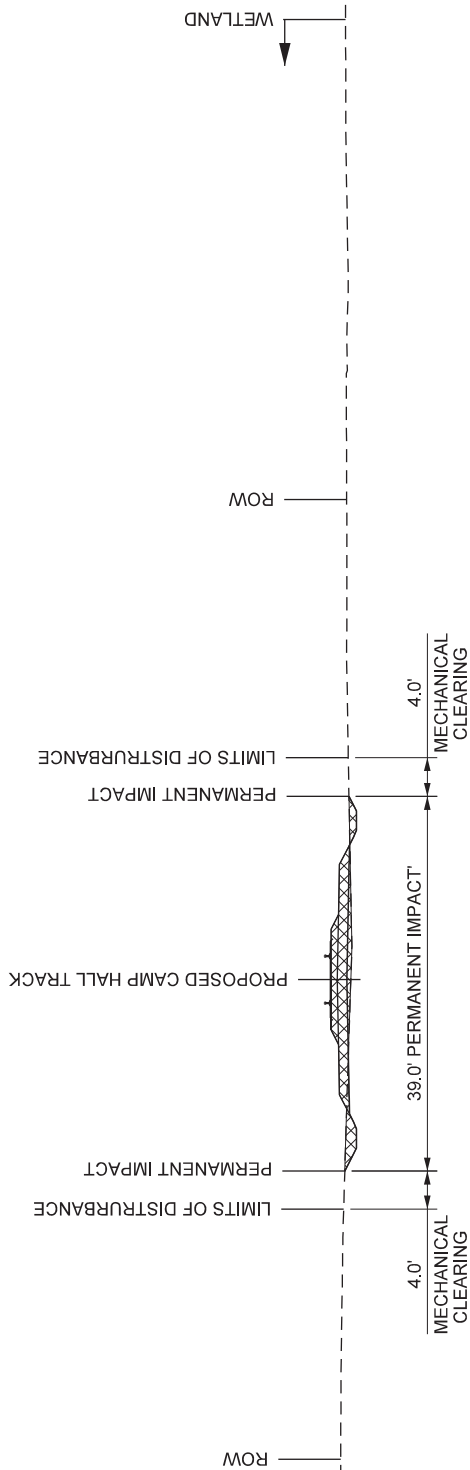
**SECTION BBBB - CULVERT 21A  
STA. 1013+54.31**

**CROSS SECTION SHEET 37 OF 54**

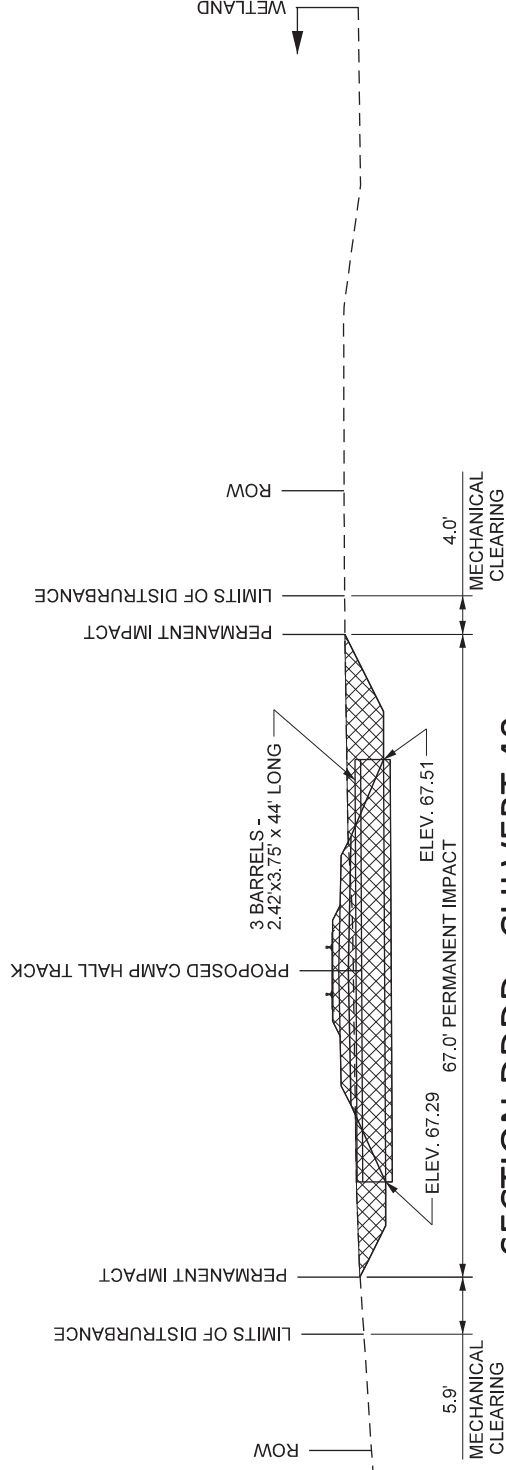
**PALMETTO RAILWAYS  
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APPLICANT: PALMETTO RAILWAYS



**SECTION CCCC  
STA. 1020+00**



**SECTION DDDD - CULVERT 40  
STA. 1031+60.01**

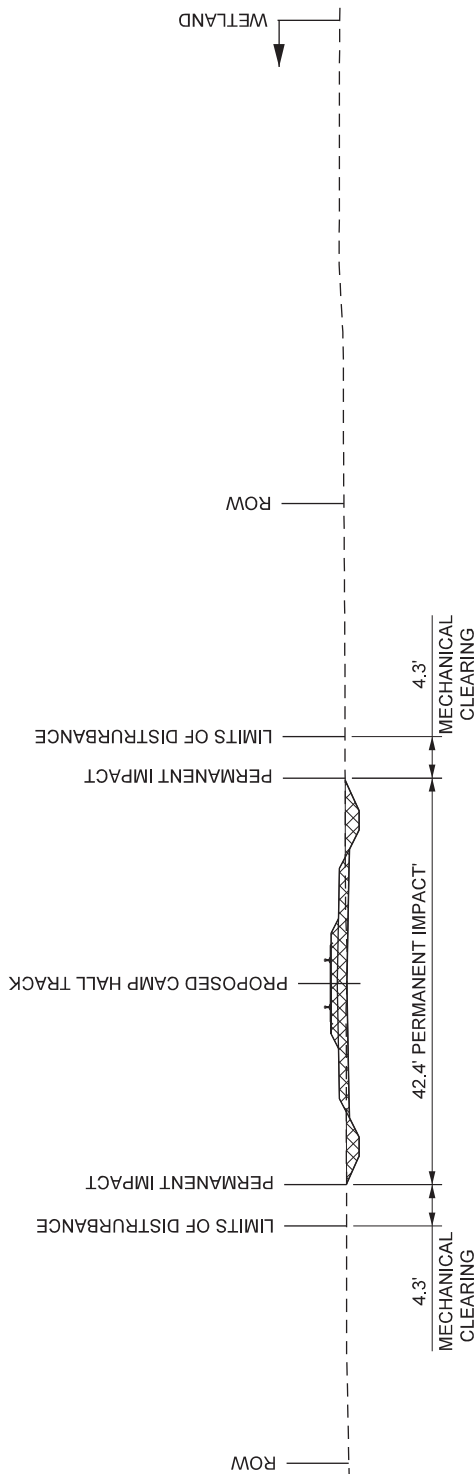
**CROSS SECTION SHEET 38 OF 54**

**PALMETTO RAILWAYS  
CAMP HALL RAIL PROJECT**  
BERKELEY COUNTY, SOUTH CAROLINA  
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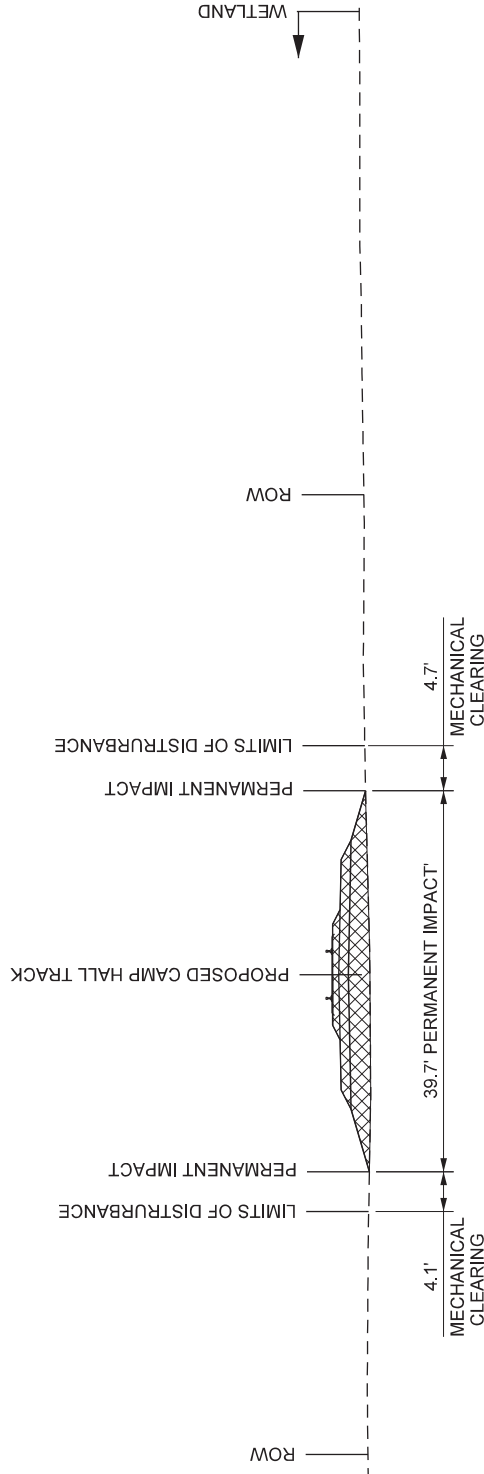


APPLICANT: PALMETTO RAILWAYS





**SECTION EEEE  
STA. 1032+00**



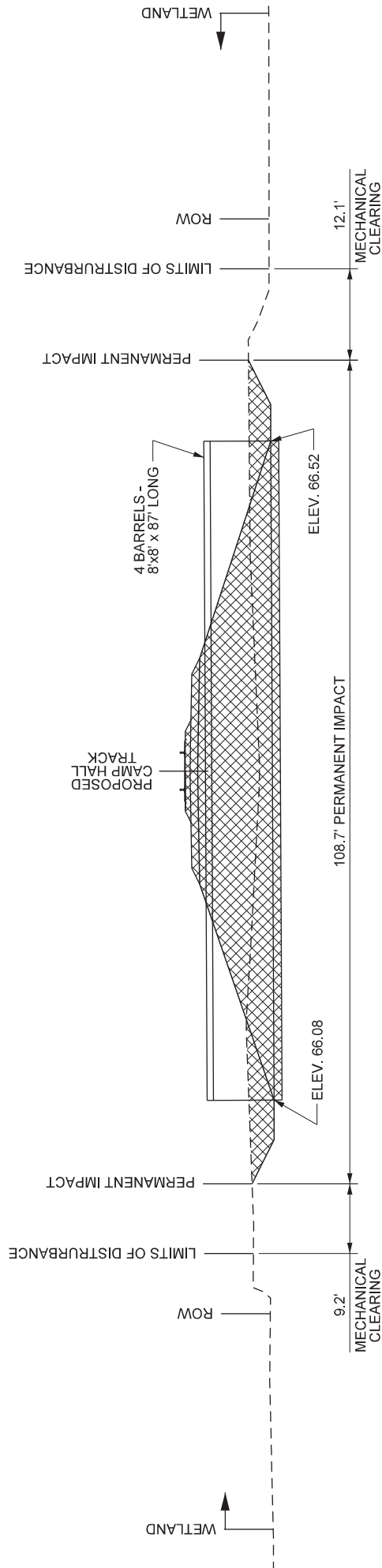
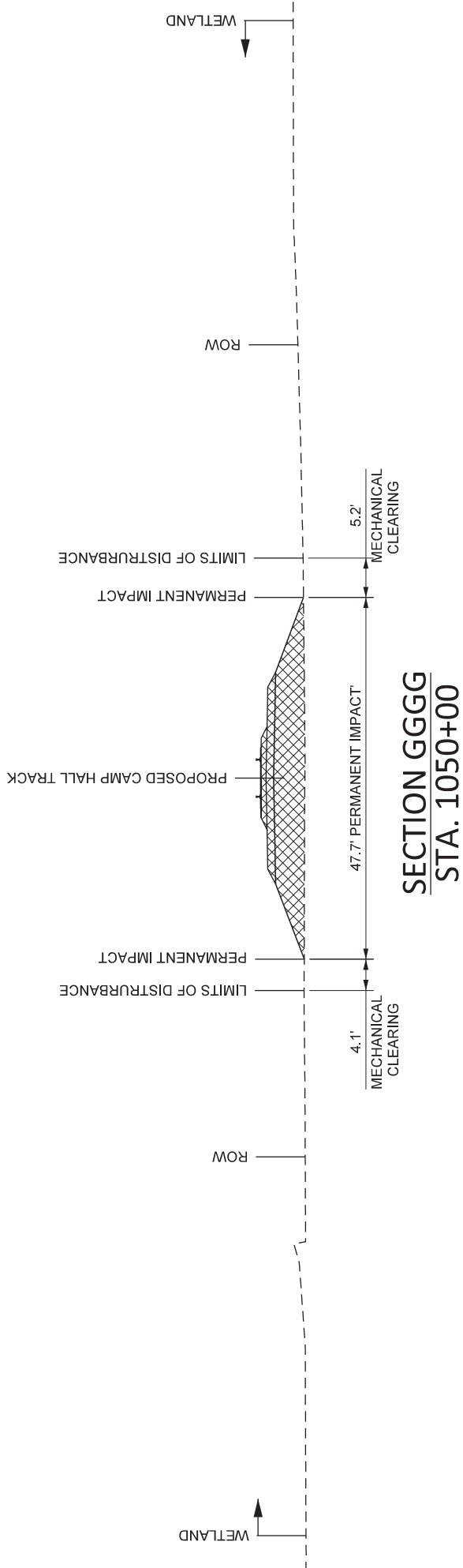
**SECTION FFFF  
STA. 1040+00**

**CROSS SECTION SHEET 39 OF 54**

**PALMETTO RAILWAYS  
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APPLICANT: PALMETTO RAILWAYS



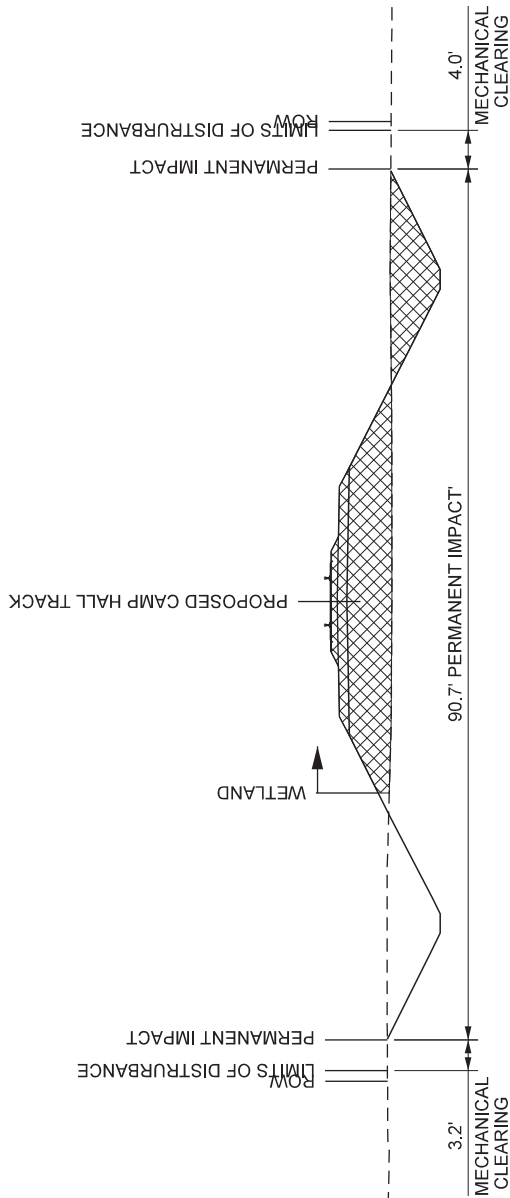
CROSS SECTION SHEET 40 OF 54

**PALMETTO RAILWAYS**  
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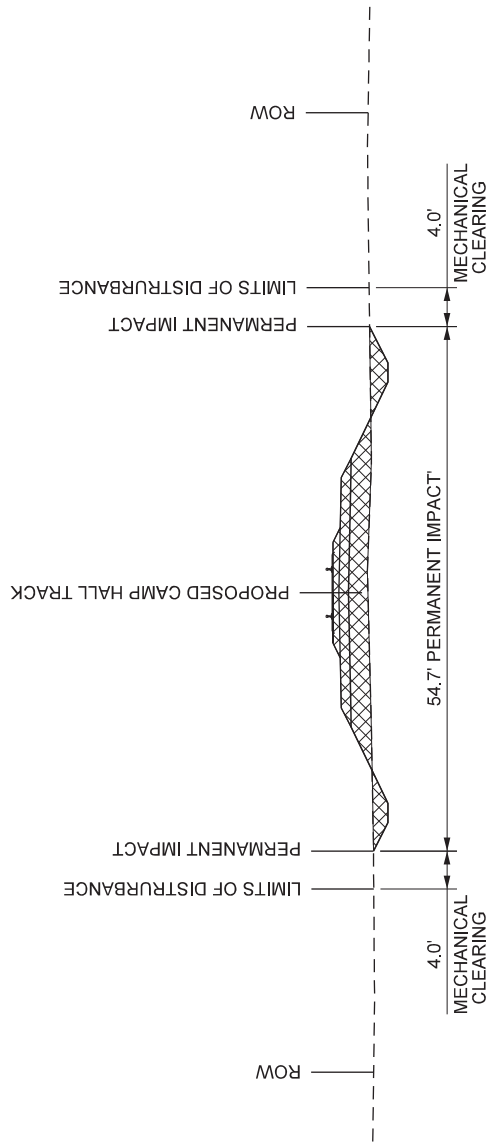


APPLICANT: PALMETTO RAILWAYS





**SECTION JJJJ  
STA. 1052+00**



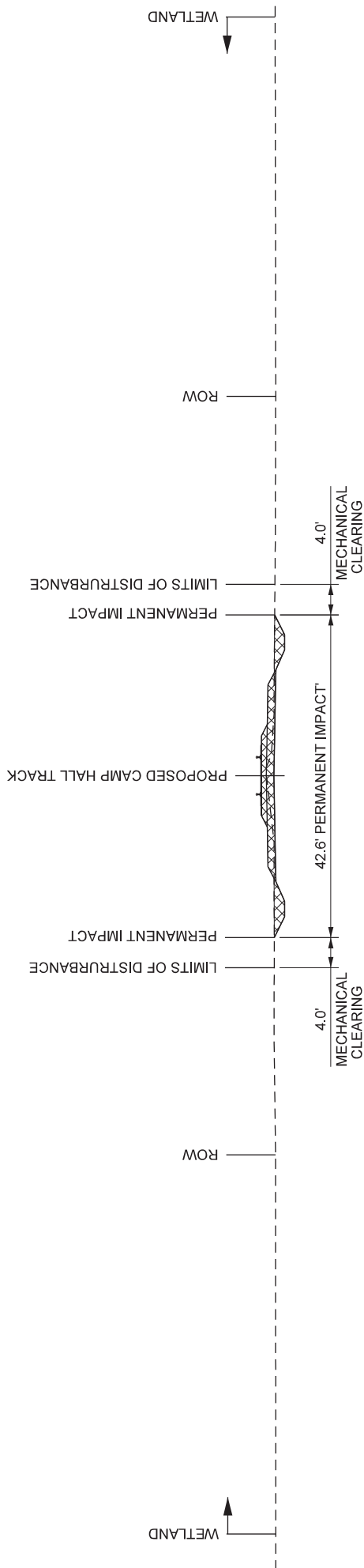
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**CROSS SECTION SHEET 41 OF 54**

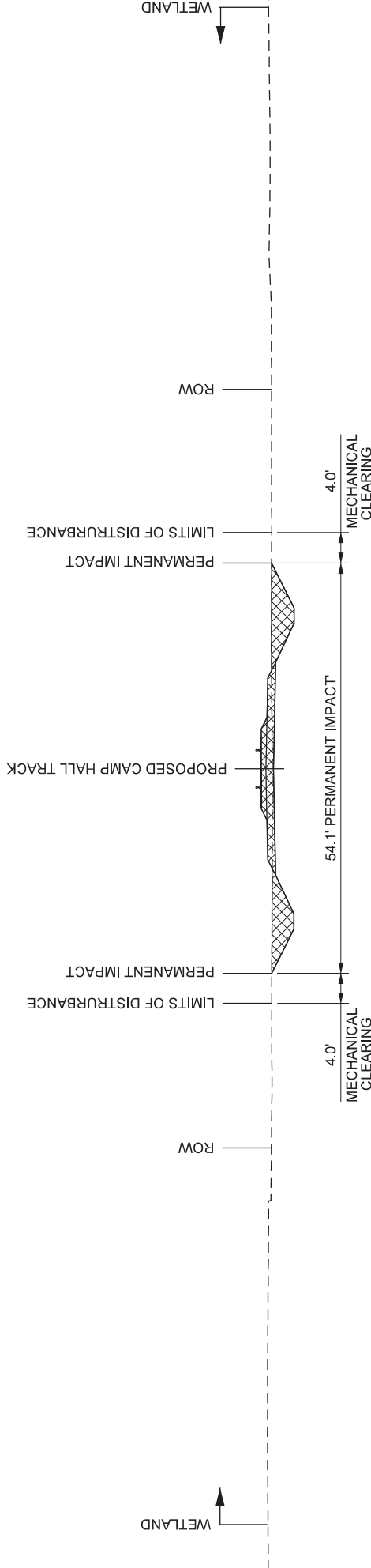
**PALMETTO RAILWAYS  
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BERKELEY COUNTY, SOUTH CAROLINA  
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APPLICANT: PALMETTO RAILWAYS



**SECTION LLLL  
STA. 1070+00**



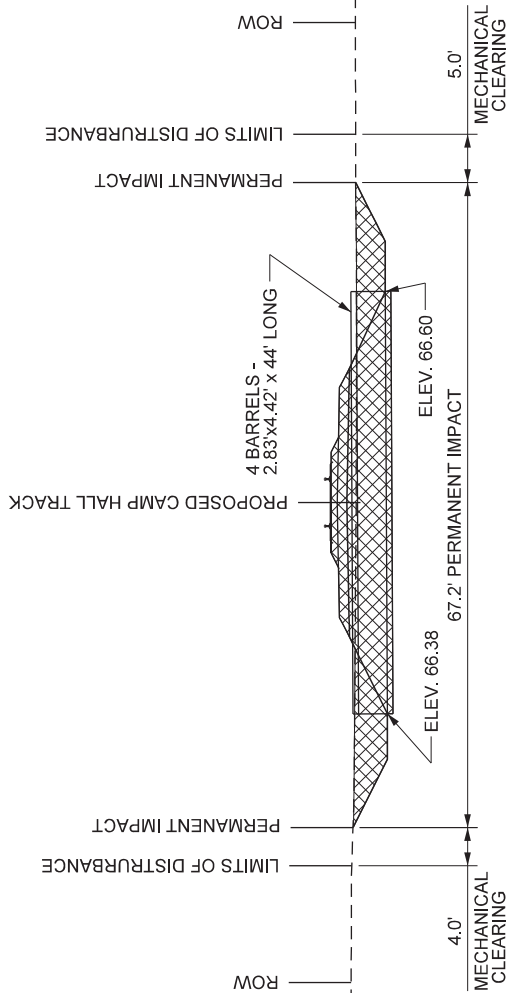
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**CROSS SECTION SHEET 42 OF 54**

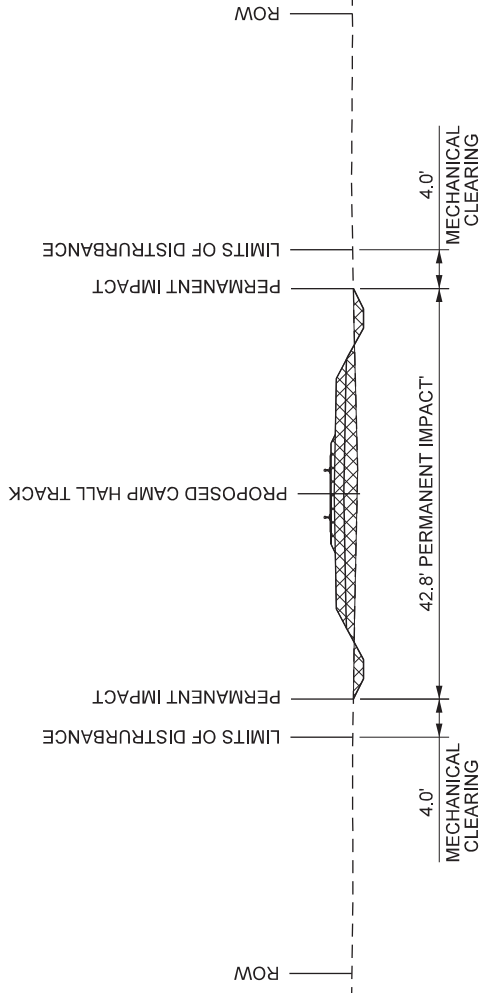
**PALMETTO RAILWAYS  
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**SECTION NNNN - CULVERT 15**  
**STA. 1091+17.77**



**SECTION PPPP**  
**STA. 1100+00**

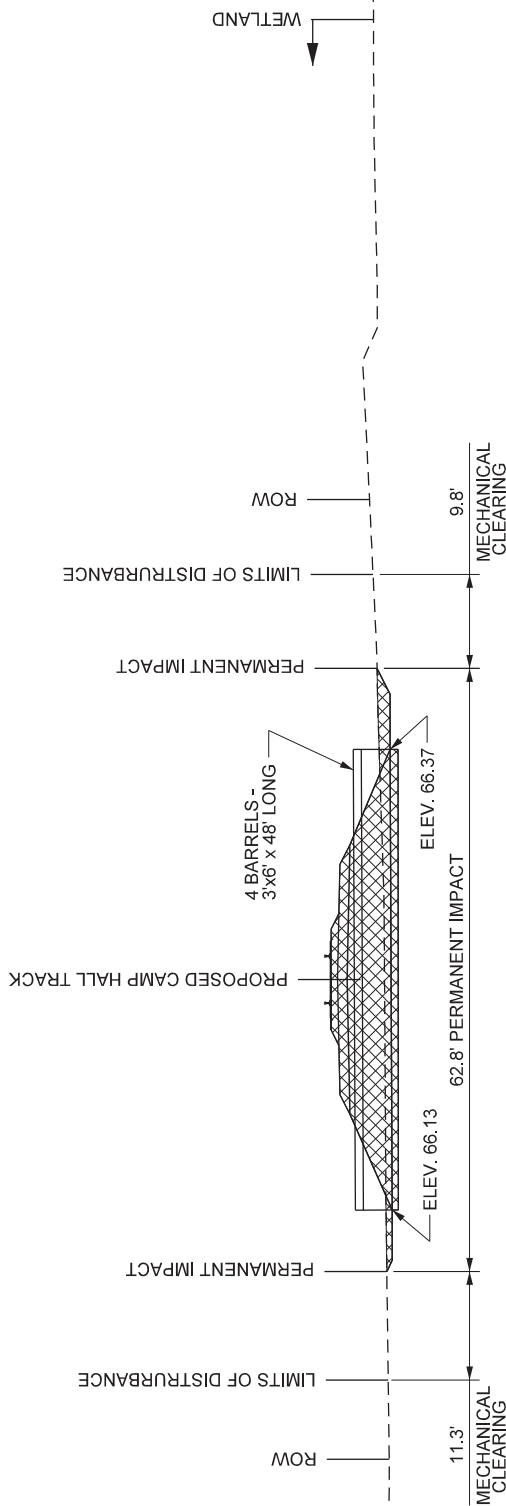


APPLICANT: PALMETTO RAILWAYS

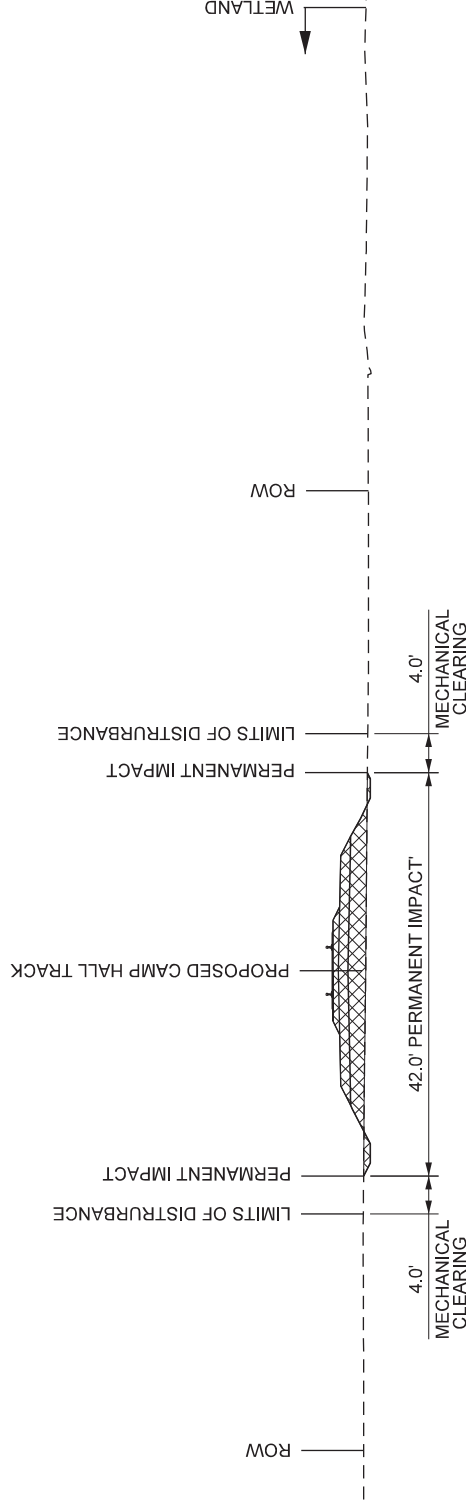
**CROSS SECTION SHEET 43 OF 54**

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**SECTION QQQQ - CULVERT 17**  
**STA. 1118+16.50**



**SECTION RRRR**  
**STA. 1130+00**

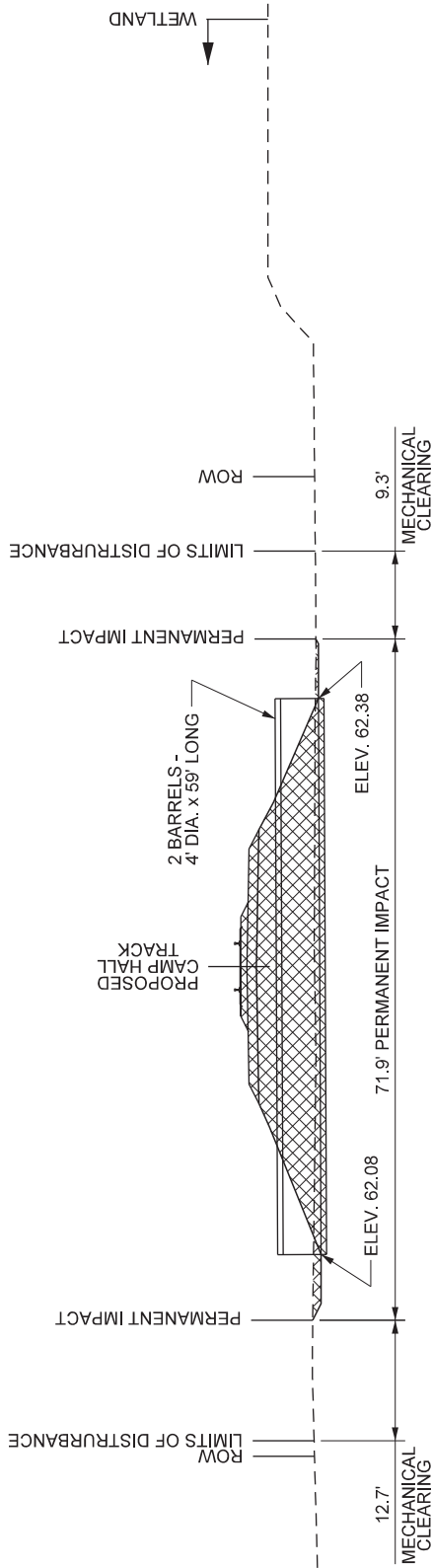
**CROSS SECTION SHEET 44 OF 54**

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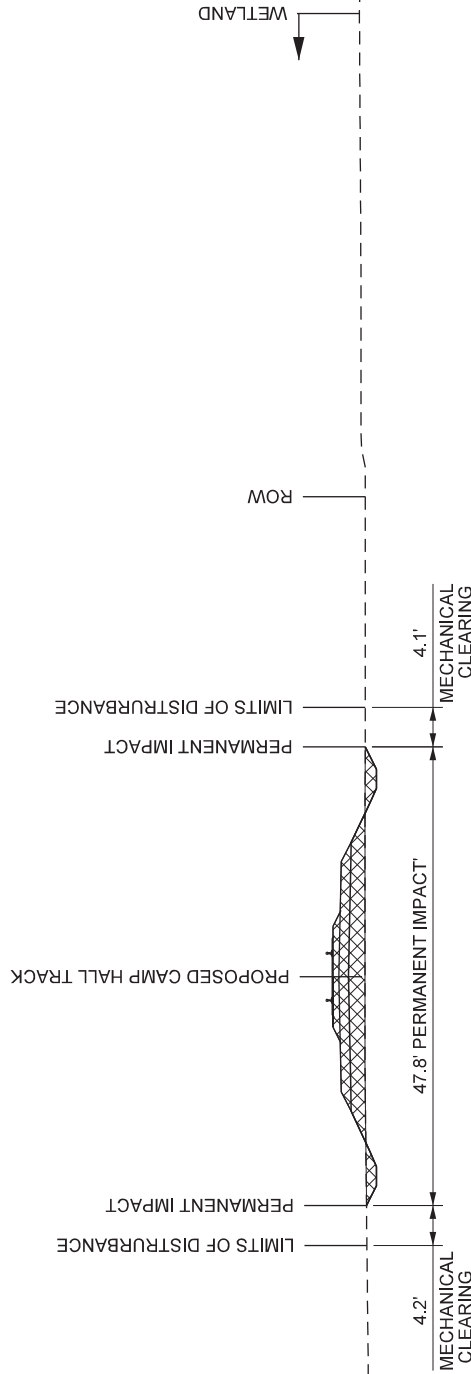


APPLICANT: PALMETTO RAILWAYS





**SECTION SSSS - CULVERT 38**  
**STA. 1142+07.01**



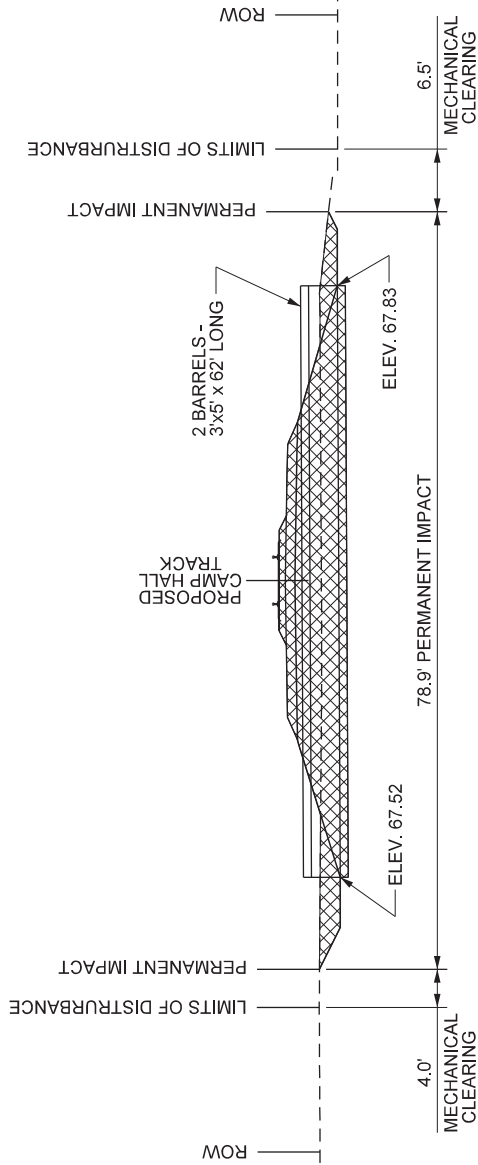
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**STA. 1147+00**

**CROSS SECTION SHEET 45 OF 54**

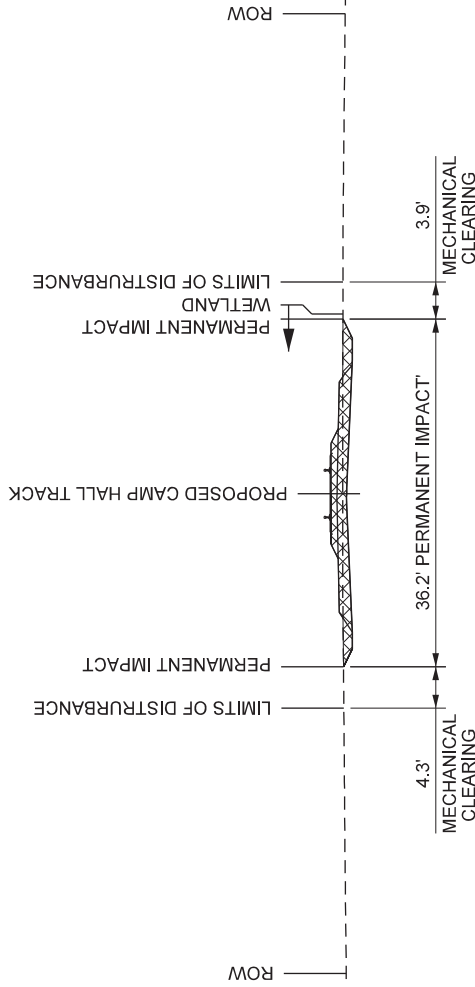
**PALMETTO RAILWAYS**  
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**SECTION UUUU - CULVERT 20**  
**STA. 1149+62.12**



**SECTION VVVV**  
**STA. 1160+00**

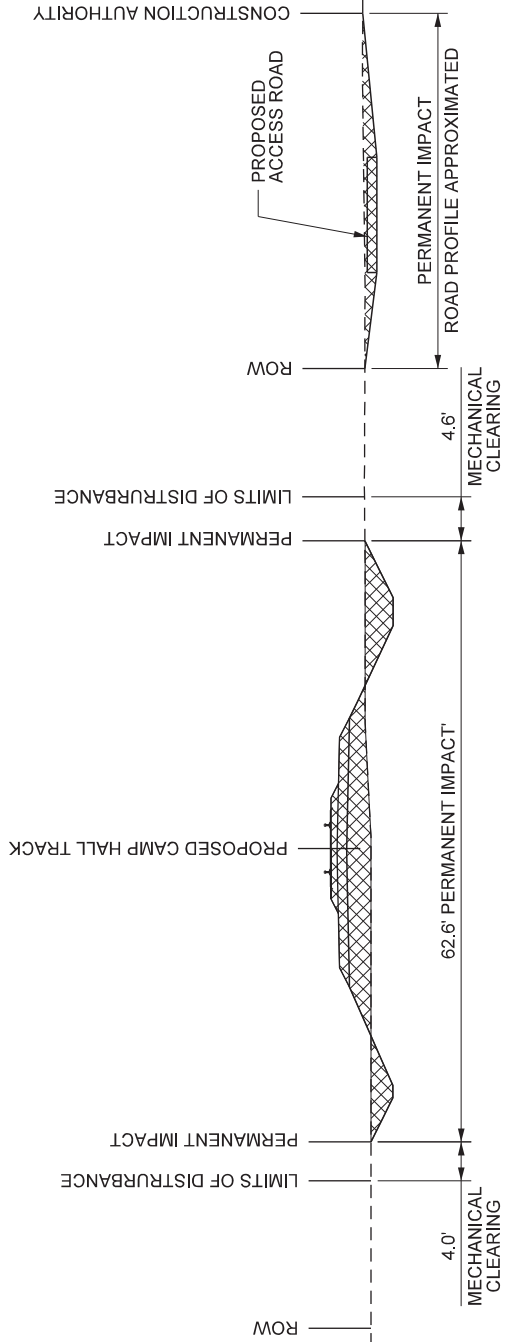
**CROSS SECTION SHEET 46 OF 54**



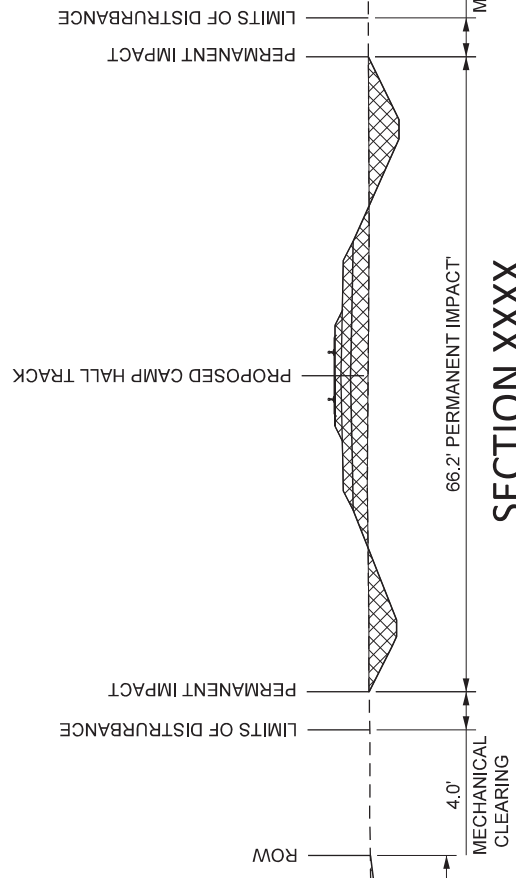
APPLICANT: PALMETTO RAILWAYS

**PALMETTO RAILWAYS**  
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**SECTION WWWW  
STA. 1171+00**



**SECTION XXXX  
STA. 1179+00**

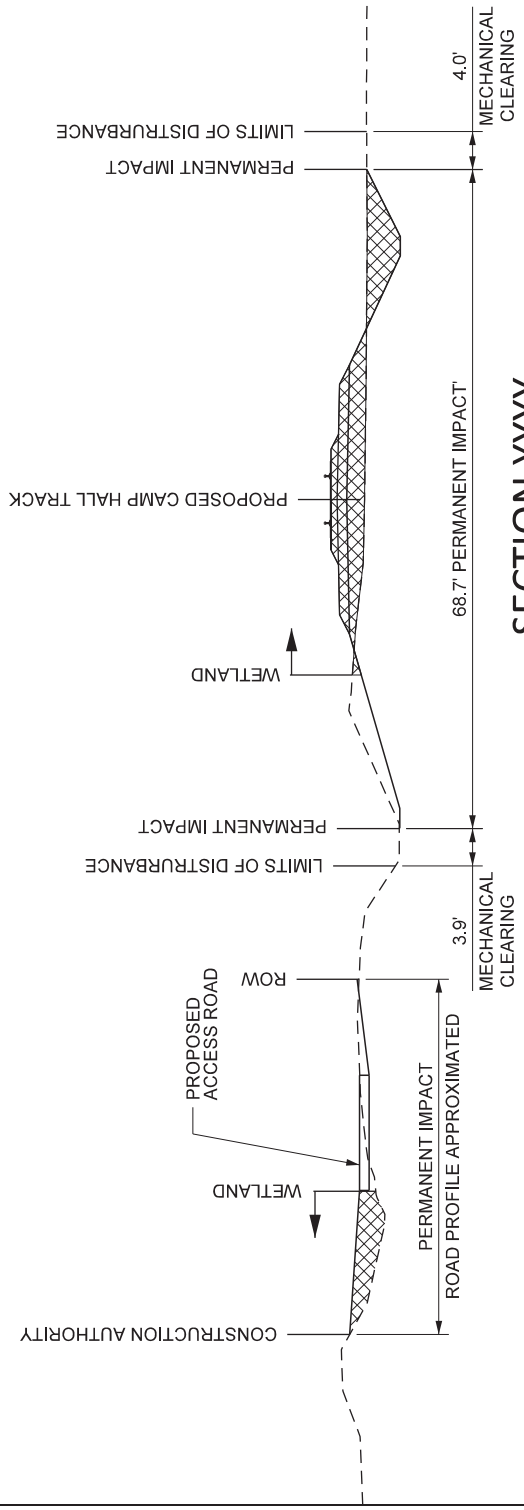


APPLICANT: PALMETTO RAILWAYS

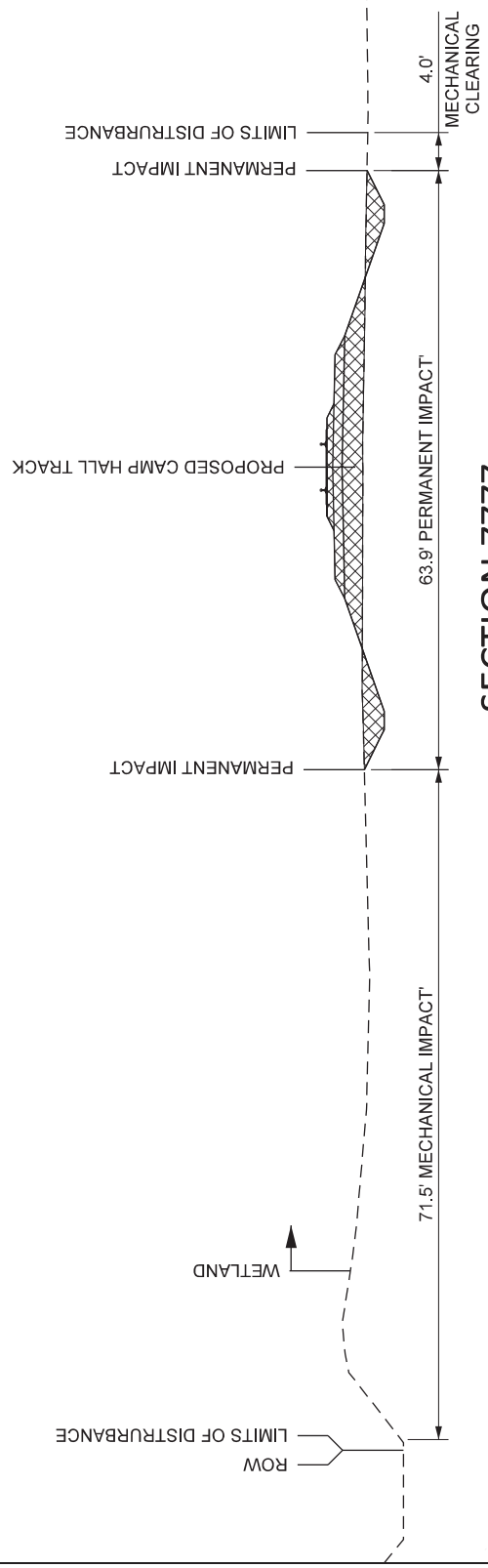
**CROSS SECTION SHEET 47 OF 54**

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**SECTION YYYY  
STA. 1192+00**



**SECTION ZZZZ  
STA. 1200+00**

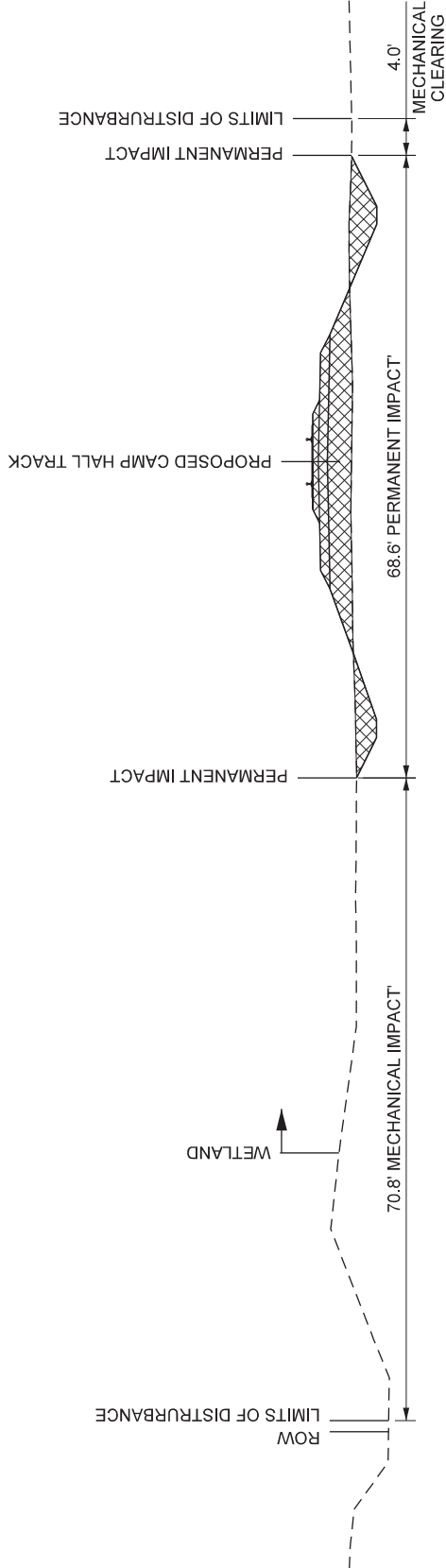
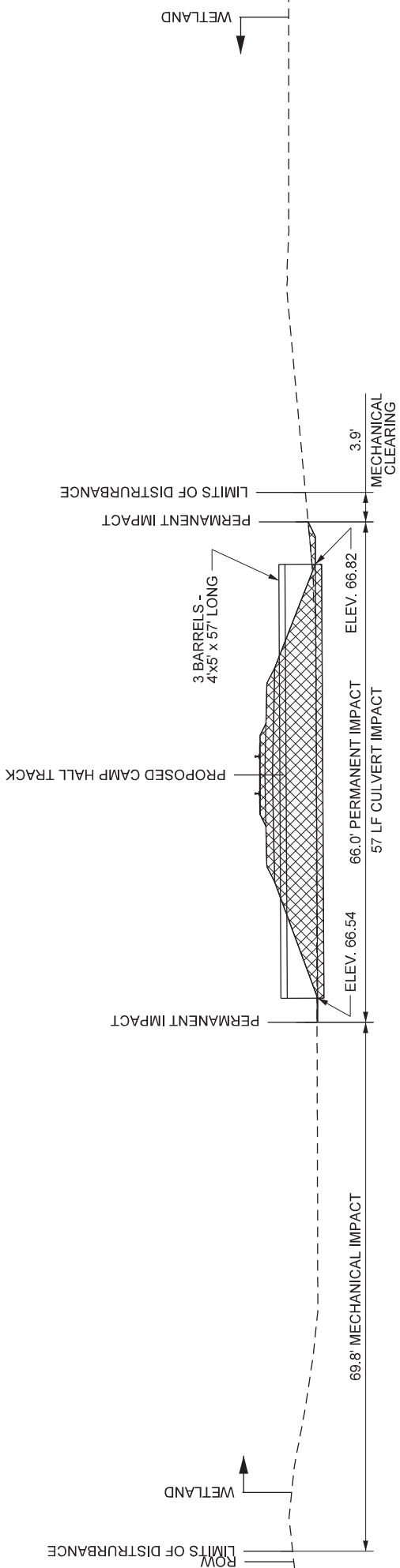


APPLICANT: PALMETTO RAILWAYS

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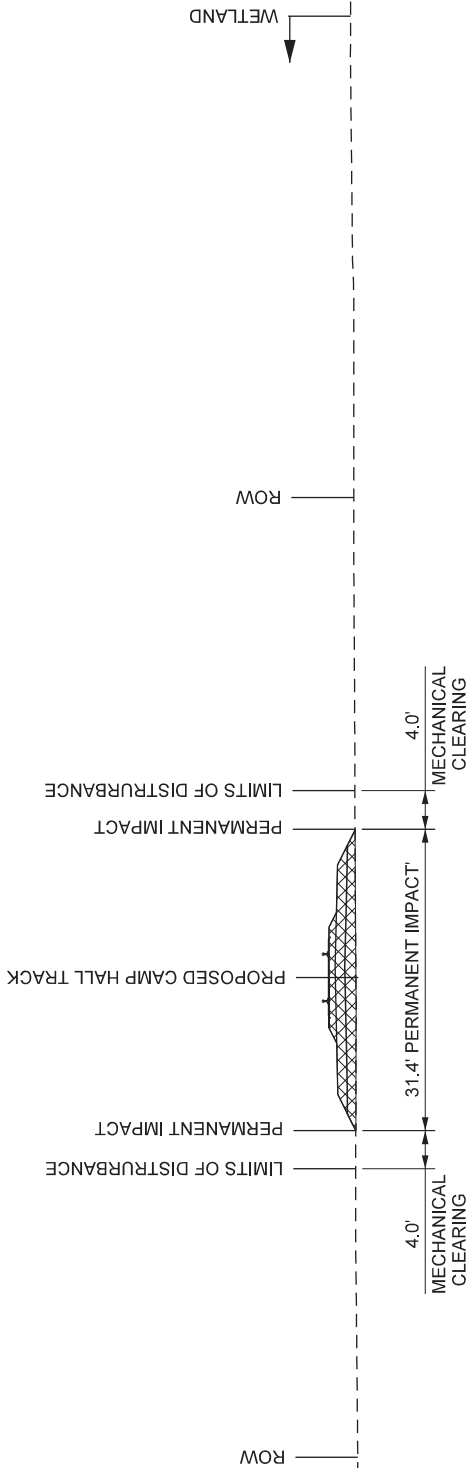
CROSS SECTION SHEET 49 OF 54

**PALMETTO RAILWAYS**  
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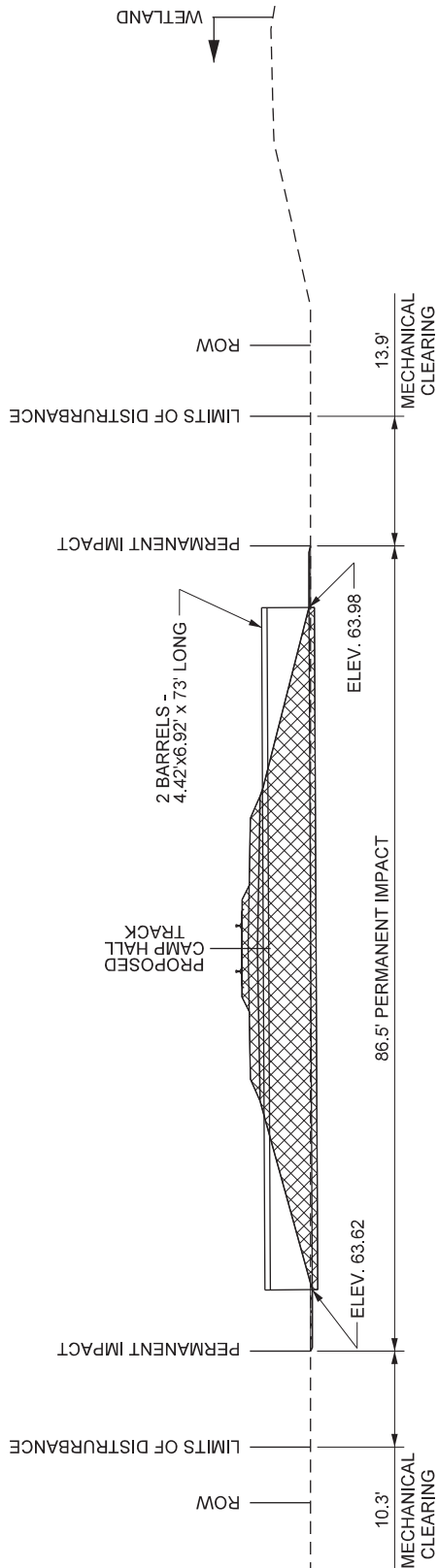


APPLICANT: PALMETTO RAILWAYS





**SECTION CCCCC  
STA. 1270+00**



**SECTION DDDDD - CULVERT 34  
STA. 1278+12.98**

**CROSS SECTION SHEET 50 OF 54**

**PALMETTO RAILWAYS  
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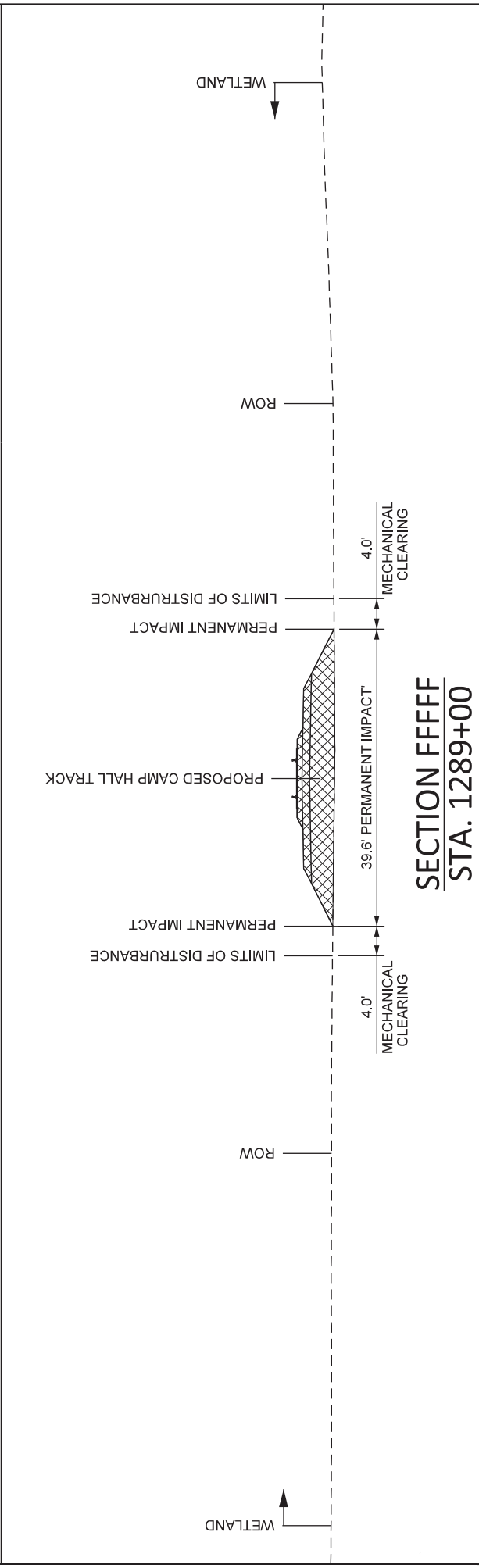
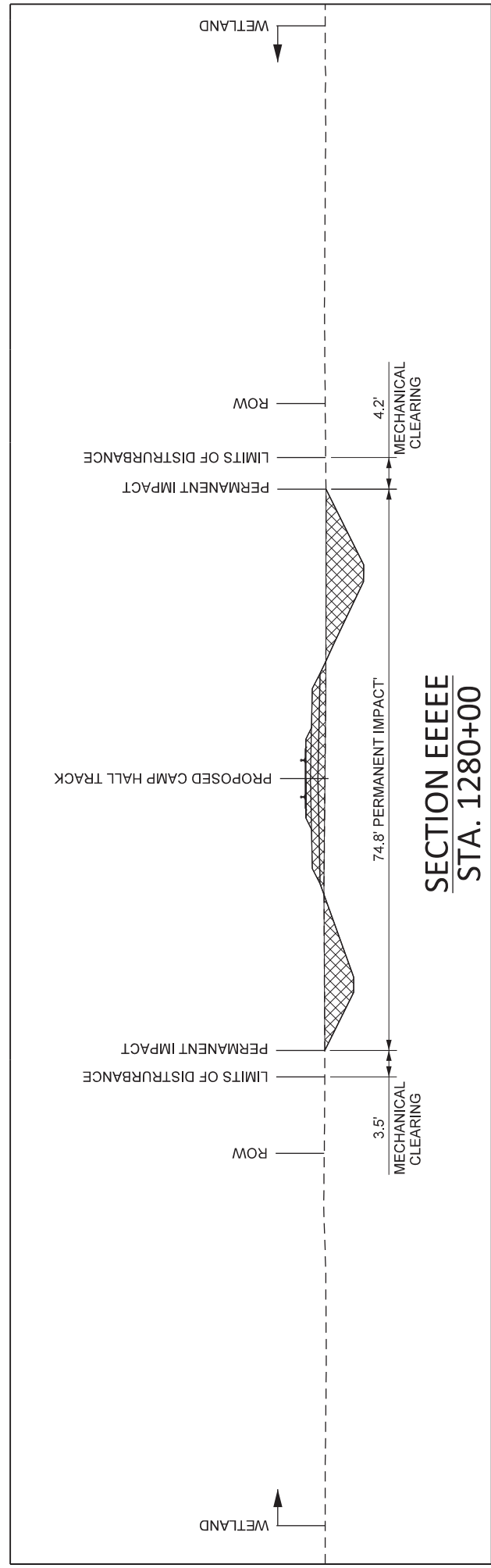
**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
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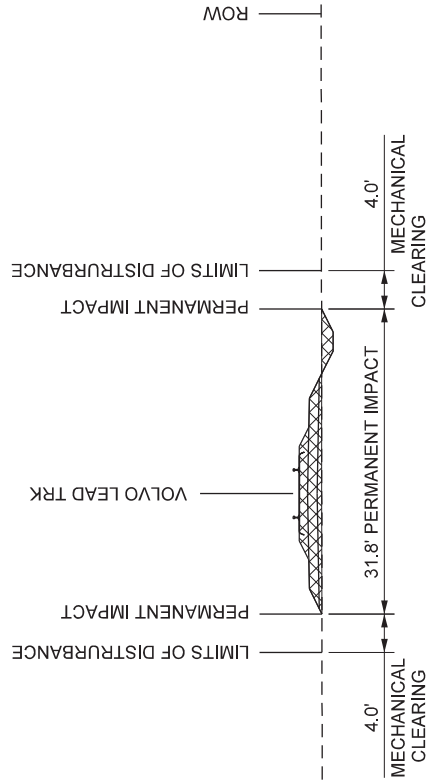
**CROSS SECTION SHEET 51 OF 54**



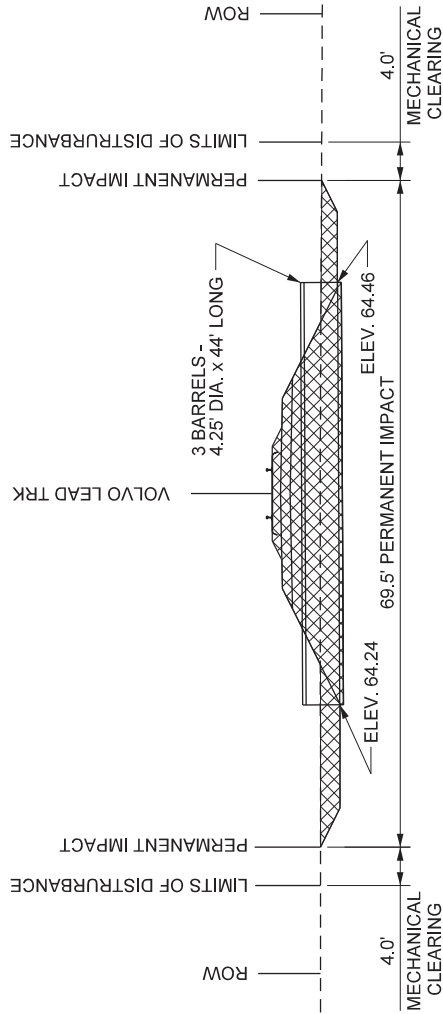
APPLICANT: PALMETTO RAILWAYS







**SECTION GGGGG  
STA. 115+00**



**SECTION HHHHH - VOLVO LEAD CULVERT  
STA. 125+10**

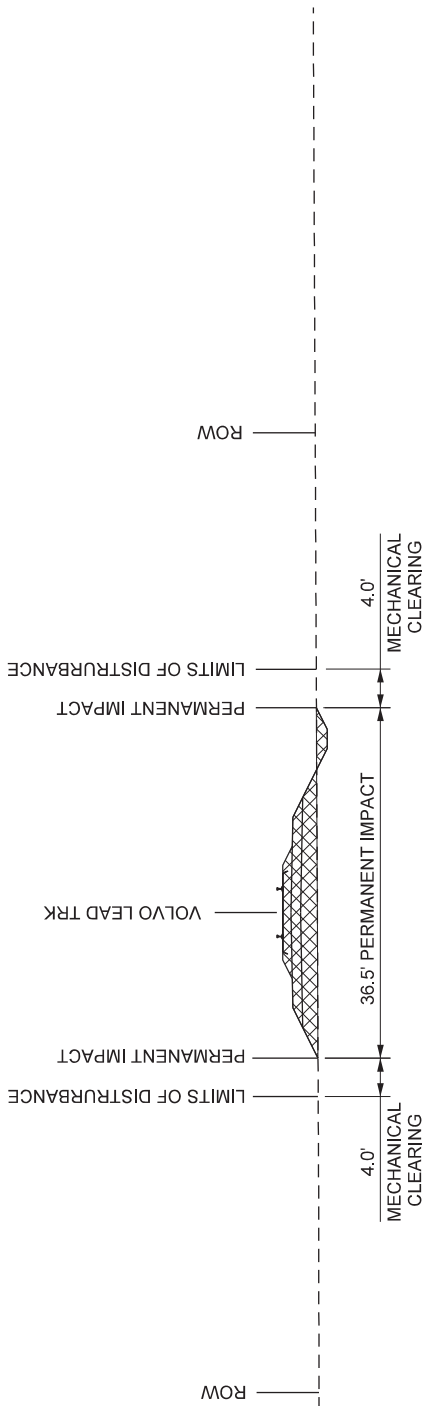


APPLICANT: PALMETTO RAILWAYS

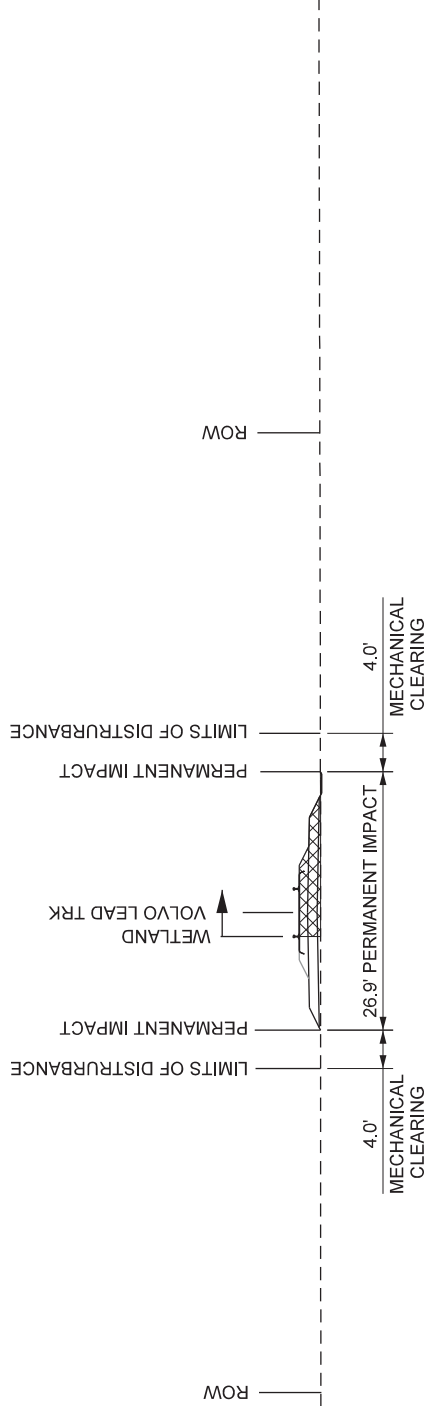
**CROSS SECTION SHEET 52 OF 54**

**PALMETTO RAILWAYS  
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**SECTION JJJJ  
STA. 128+00**



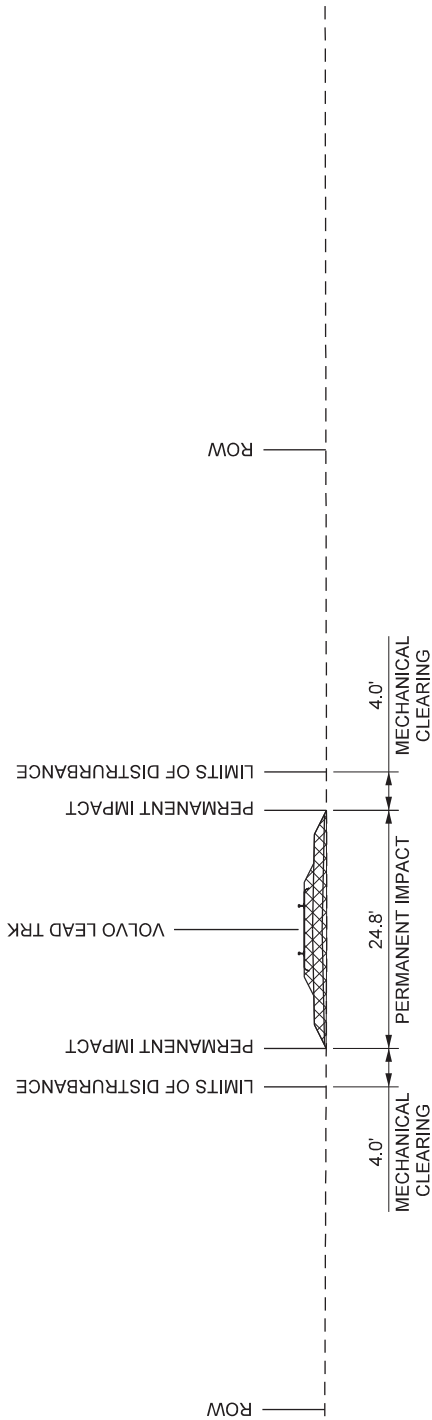
**SECTION KKKK  
STA. 149+00**

**CROSS SECTION SHEET 53 OF 54**

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APPLICANT: PALMETTO RAILWAYS



**SECTION LLLLLL  
STA. 168+00**

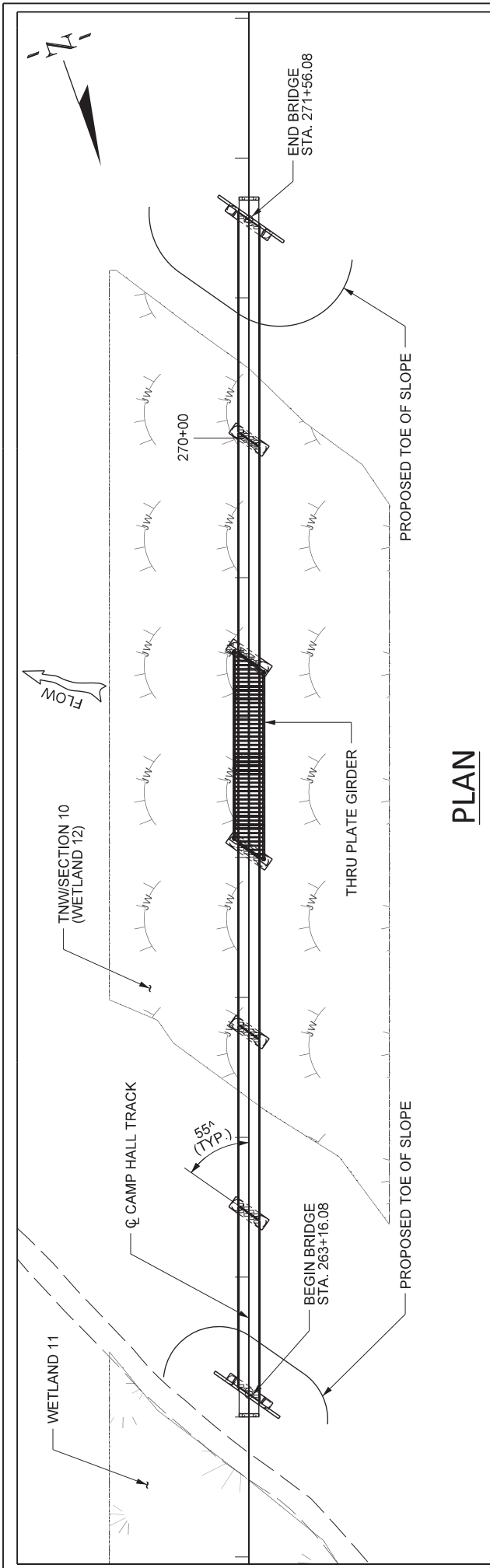
**CROSS SECTION SHEET 54 OF 54**



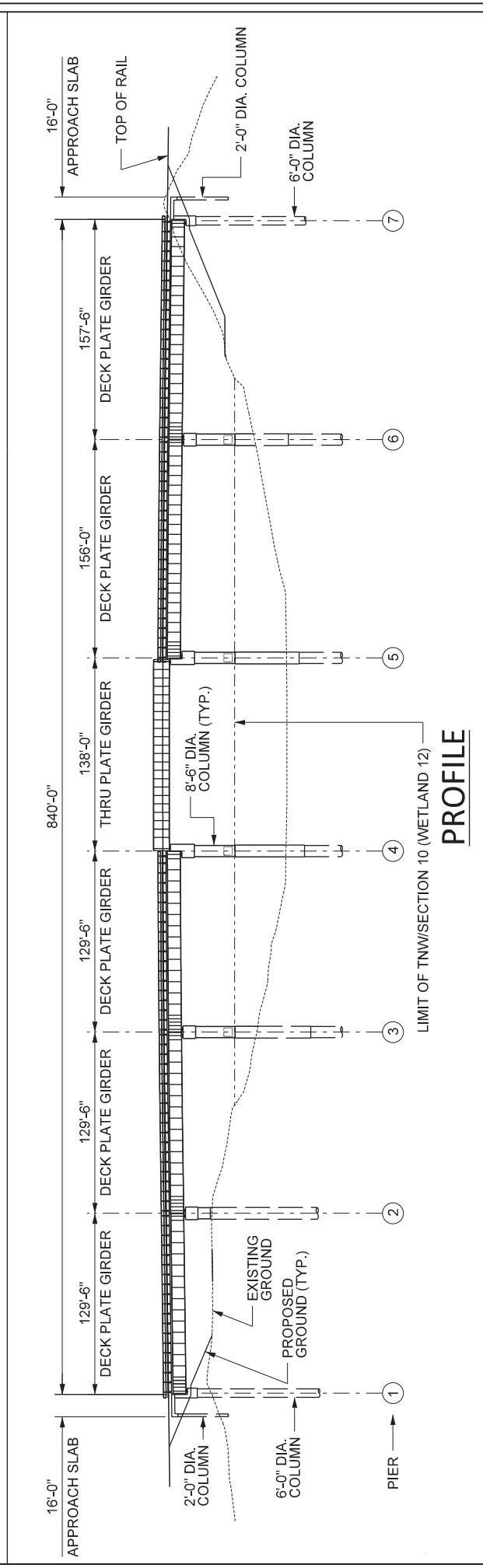
APPLICANT: PALMETTO RAILWAYS

**PALMETTO RAILWAYS**  
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**PLAN**



**PROFILE**



**Palmetto**  
RAILWAYS.



**CAMP HALL RAIL**  
AUTHORITY

**BRIDGE OVER DIVERSION CANAL**  
**PLAN AND PROFILE**

**PALMETTO RAILWAYS**  
**CAMP HALL RAIL PROJECT**  
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