



# PUBLIC NOTICE

US Army Corps  
of Engineers  
New York District, GENAN-OP-R  
Upstate Regulatory Field Office  
1 Buffington Street, Bldg. 10, 3<sup>rd</sup> Floor  
Watervliet, New York 12189-4000

**In replying refer to:**  
Public Notice Number: NAN-2015-00159-UDA  
Issue Date: June 9, 2015  
Expiration Date: July 9, 2015

## To Whom It May Concern:

The New York District, Corps of Engineers has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S. C. 1344).

**APPLICANT:** CSX Transportation, Inc.  
Attention: Keith A. Brinker  
500 Water Street, J-275  
Jacksonville, Florida 32202

**ACTIVITY:** The discharge of fill material into waters of the United States to facilitate the construction of a second mainline track for approximately 7.8 miles.

**WATERWAY:** Wetlands associated with an unnamed tributary to Murderer's Creek, in the Hudson River Basin

**LOCATION:** Towns of Catskill, Athens, and Coxsackie, Greene County, New York

A detailed description and plans of the applicant's activity are enclosed to assist in your review.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers 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 proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in 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 proposed activity.

ALL COMMENTS REGARDING THE PERMIT APPLICATION MUST BE PREPARED IN WRITING AND MAILED TO THE ATTENTION OF ANDREW DANGLER AT THE ABOVE ADDRESS, OR SENT VIA ELECTRONIC MAIL TO [andrew.c.dangler@usace.army.mil](mailto:andrew.c.dangler@usace.army.mil) TO REACH THIS OFFICE BY THE EXPIRATION DATE OF THIS NOTICE, otherwise, it will be presumed that there are no objections to the activity. Comments provided will become a part of the public record for this action.

Any person may request, in writing, before this public notice expires, that a public hearing be held to collect information necessary to consider this application. Requests for public hearings shall state, with particularity, the reasons why a public hearing should be held. It should be noted that information submitted by mail is considered just as carefully in the permit decision process and bears the same weight as that furnished at a public hearing.

Our preliminary determination is that the activity for which authorization is sought herein will not affect Federally endangered or threatened species or their critical habitat. However, pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), if new information warrants, the District Engineer will consult with the appropriate Federal agency to determine the presence of and any potential impacts to listed species or their critical habitat in the project area.

Based upon a review of the GIS resources map on the N.Y.S. Office of Parks, Recreation and Historic Preservation (SHPO) website, the project site is located within areas identified by the SHPO as "Archeo Sensitive Areas". Further consultation with SHPO regarding these "Archeo Sensitive Areas" is being conducted and will be concluded prior to the final decision.

Reviews of activities pursuant to Section 404 of the Clean Water Act will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 (b) of the Clean Water Act and the applicant will obtain a water quality certificate or waiver from the appropriate state agency in accordance with Section 401 of the Clean Water Act prior to a permit decision.

In addition to any required water quality certificate, the applicant has obtained or requested the following governmental authorization for the activity under consideration:

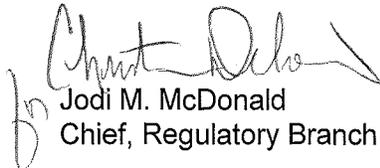
- New York State Department of Environmental Conservation Article 24 Freshwater Wetlands Permit

In order for us to better serve you, please complete our Customer Service Survey located at:

<http://www.nan.usace.army.mil/Missions/Regulatory/CustomerSurvey.aspx>

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice. If you have any questions concerning this application, you may contact Andrew Dangler of this office at (518) 266-6356.

For more information on New York District Corps of Engineers programs, visit our website at <http://www.nan.usace.army.mil>

  
Jodi M. McDonald  
Chief, Regulatory Branch

Enclosures

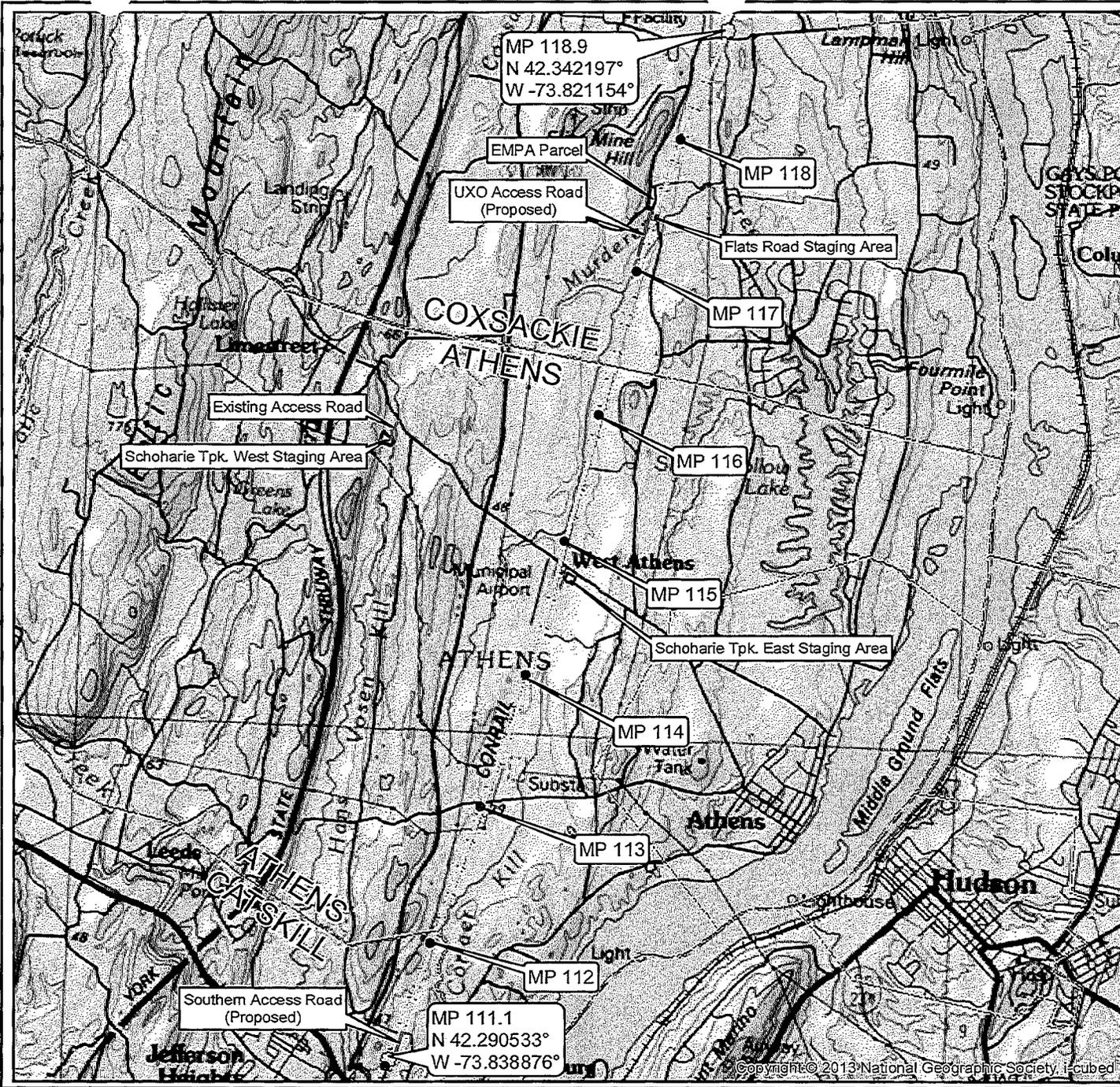
## WORK DESCRIPTION

The applicant, CSX Transportation Inc., has requested a Department of the Army permit to facilitate the construction of a second mainline track within CSX's existing right-of-way. The project is located in the Towns of Catskill, Athens, and Coxsackie, Greene County, New York.

The work would involve the discharge of fill material into 0.58 acre of palustrine scrub-shrub wetland and 0.03 acre of palustrine emergent wetland and 17.5 linear feet of intermittent stream to facilitate the construction of approximately 7.8 miles of track, a universal crossover, and two new access roads. The new track would be constructed approximately 15 feet to the east of the existing mainline track. In addition to the permanent impacts, a total of 0.76 acre of wetland and 31 linear feet of stream channel would be temporarily impacted during the construction of the proposed track to facilitate the widening of the rail bed, extension of culverts, construction of a temporary crane pad, and temporary access roads. The temporarily impacted areas would be restored to pre-construction contours, properly stabilized and re-vegetated. To mitigate for the proposed impacts to aquatic resources, the applicant proposes to conduct mitigation at an 86.6 acre off-site location referred to as the Pine Lane Site. The Pine Lane Site is located approximately 4.7-miles away from the project site in the Town of Catskill. Specifically, the applicant proposes to establish approximately 1.31 acres and 0.52 acre of palustrine scrub-shrub wetlands and palustrine emergent wetlands, respectively. The applicant also proposes to restore approximately 1.29 acres of upland buffer surrounding the wetland establishment area and secure a restrictive covenant over the wetland establishment area, upland restoration area, and 0.38 acre of existing emergent wetland/open water area.

The applicant has stated that they have avoided and minimized proposed impacts to the maximum extent practicable by locating the proposed rail line within previously disturbed areas where practicable, constructing steeper rail bed side slopes at wetland areas, limiting the number of proposed access roads, and is proposing off-site mitigation to replace the functions to be impacted by the project, including the establishment of 1.83 acres of wetland, the restoration of 1.29 acres of upland buffer and the preservation of the wetland establishment area, upland restoration area and 0.38 acres of existing wetland.

The stated purpose of this project is to improve the efficiency and capacity along CSX's River Line.



**FIGURE 1**

USGS Topographic  
Site Location Map  
CSXT Catskill Second  
Mainline Track Project  
Mileposts QR 111.1 to 118.9

Towns of Catskill,  
Athens and Coxsackie,  
Greene County, NY

**Legend**

- Area of Interest
- Access Road
- Staging Area
- Town Boundary
- Railroad

**Location of Site**

**[ CSX ]**

0 5,200  
Feet

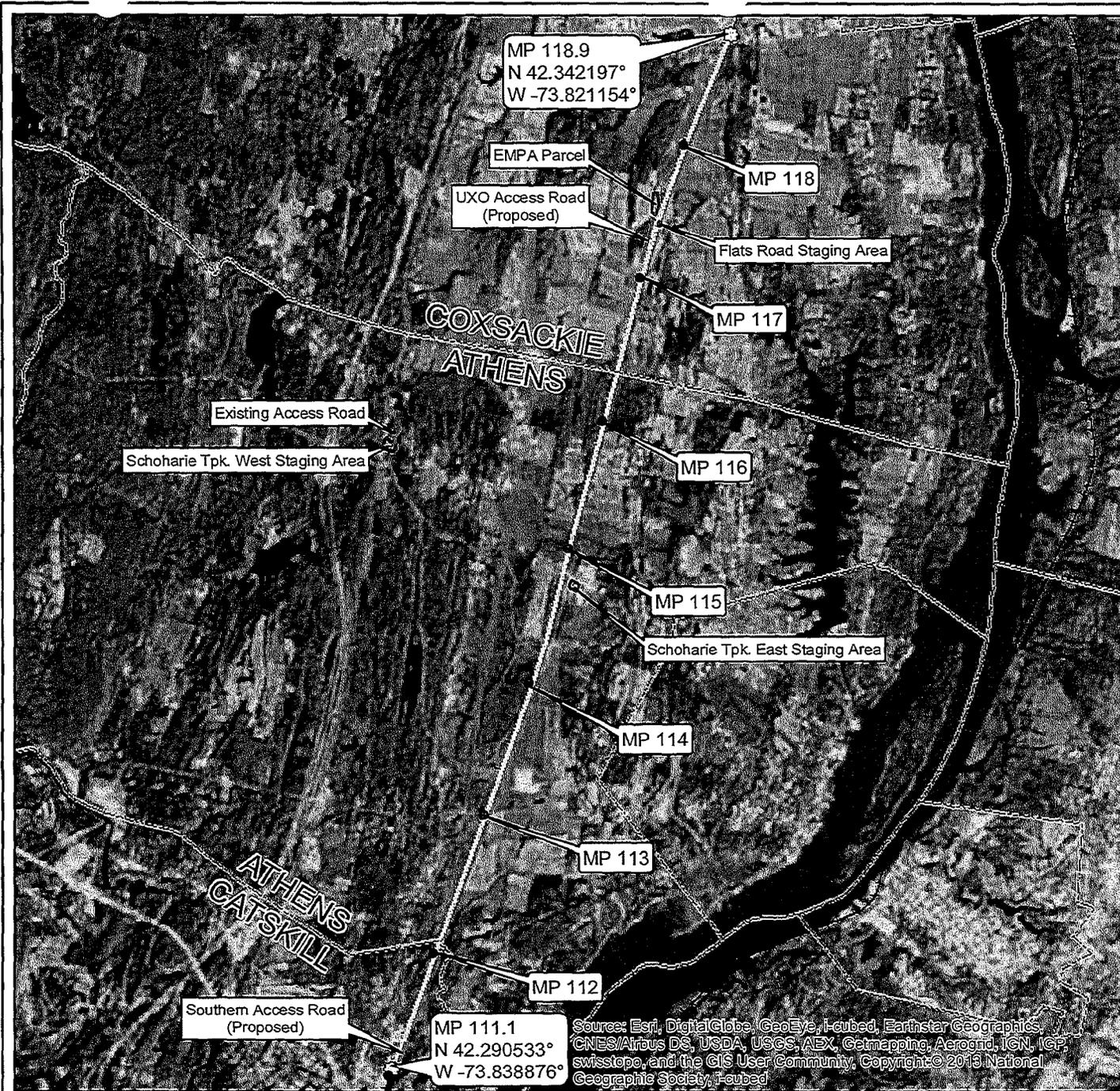
**amec**

AMEC Environment & Infrastructure, Inc.  
271 Mill Road  
Chelmsford, MA 01824  
(978) 692-9090

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Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, Copyright © 2013 National Geographic Society, i-cubed

### FIGURE 2A

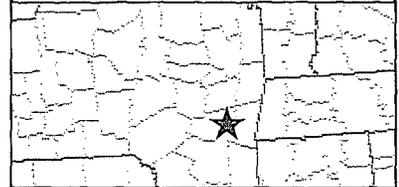
Aerial  
 Site Location Map  
 CSXT Catskill Second  
 Mainline Track Project  
 Mileposts QR 111.1 to 118.9

Towns of Catskill,  
 Athens and Coxsackie,  
 Greene County, NY

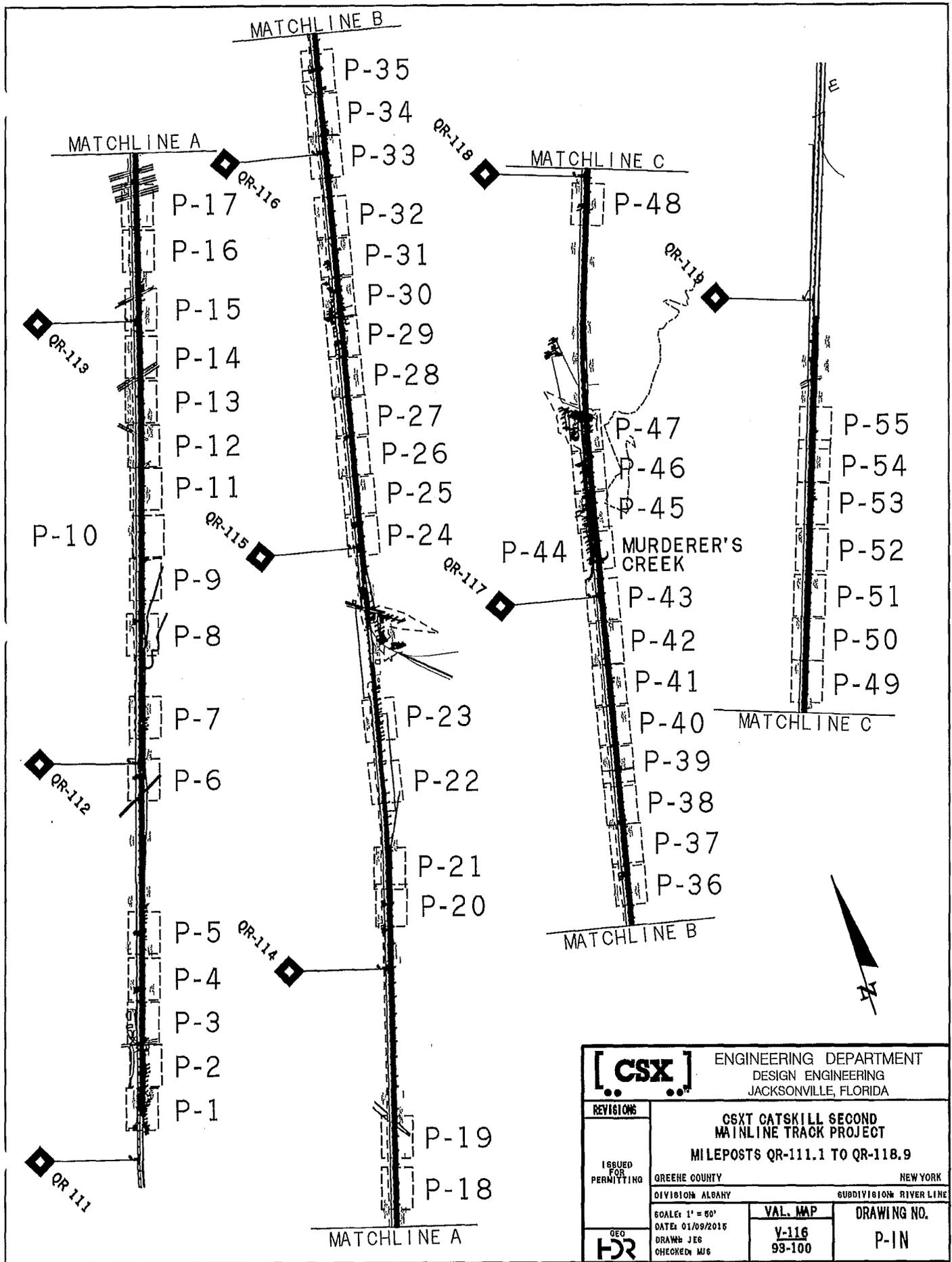
#### Legend

- Area of Interest
- Access Road
- Staging Area
- Town Boundary
- Railroad

#### Location of Site

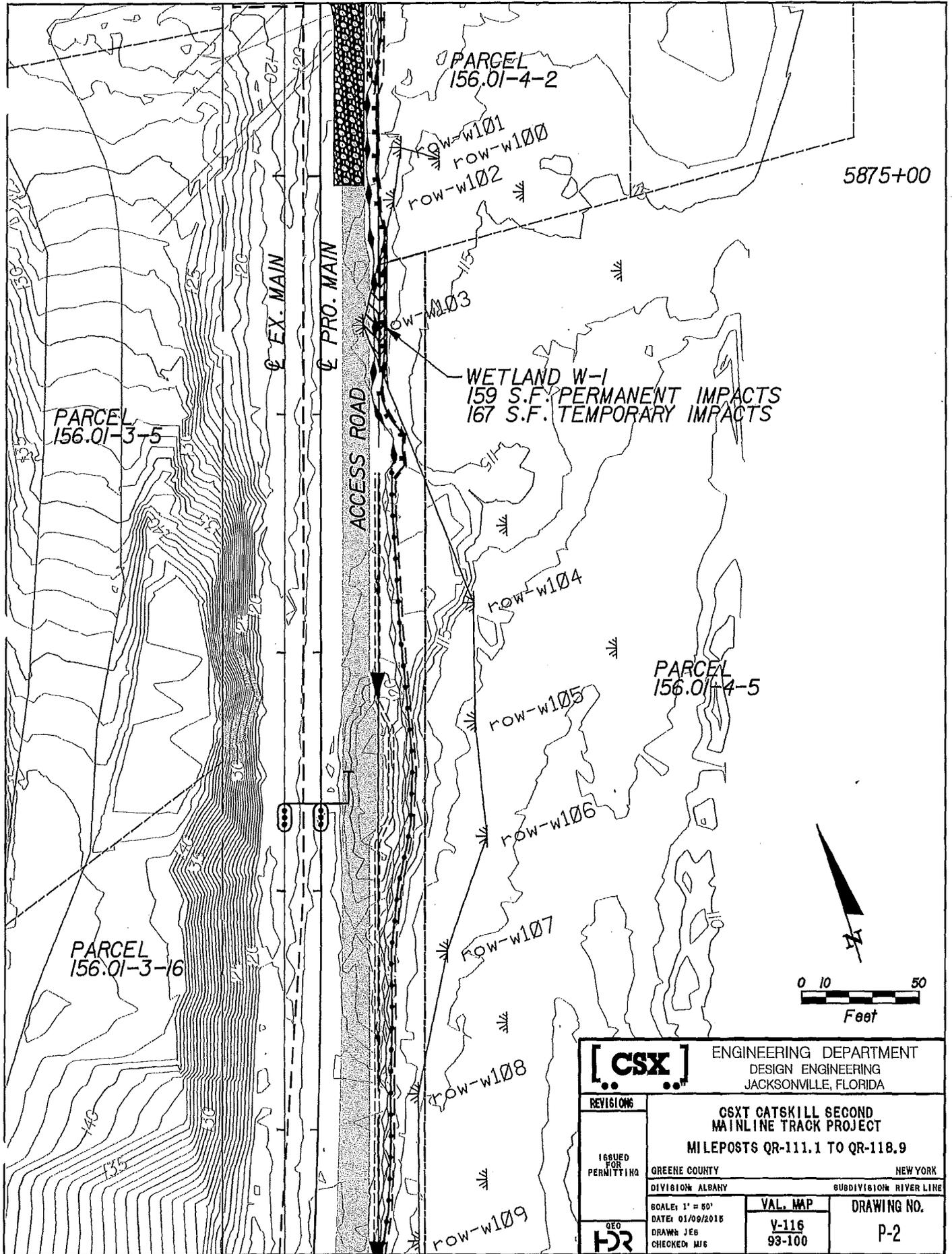


**amec**  
 AMEC Environment & Infrastructure, Inc.  
 271 Mill Road  
 Chelmsford, MA 01824  
 (978) 692-9090

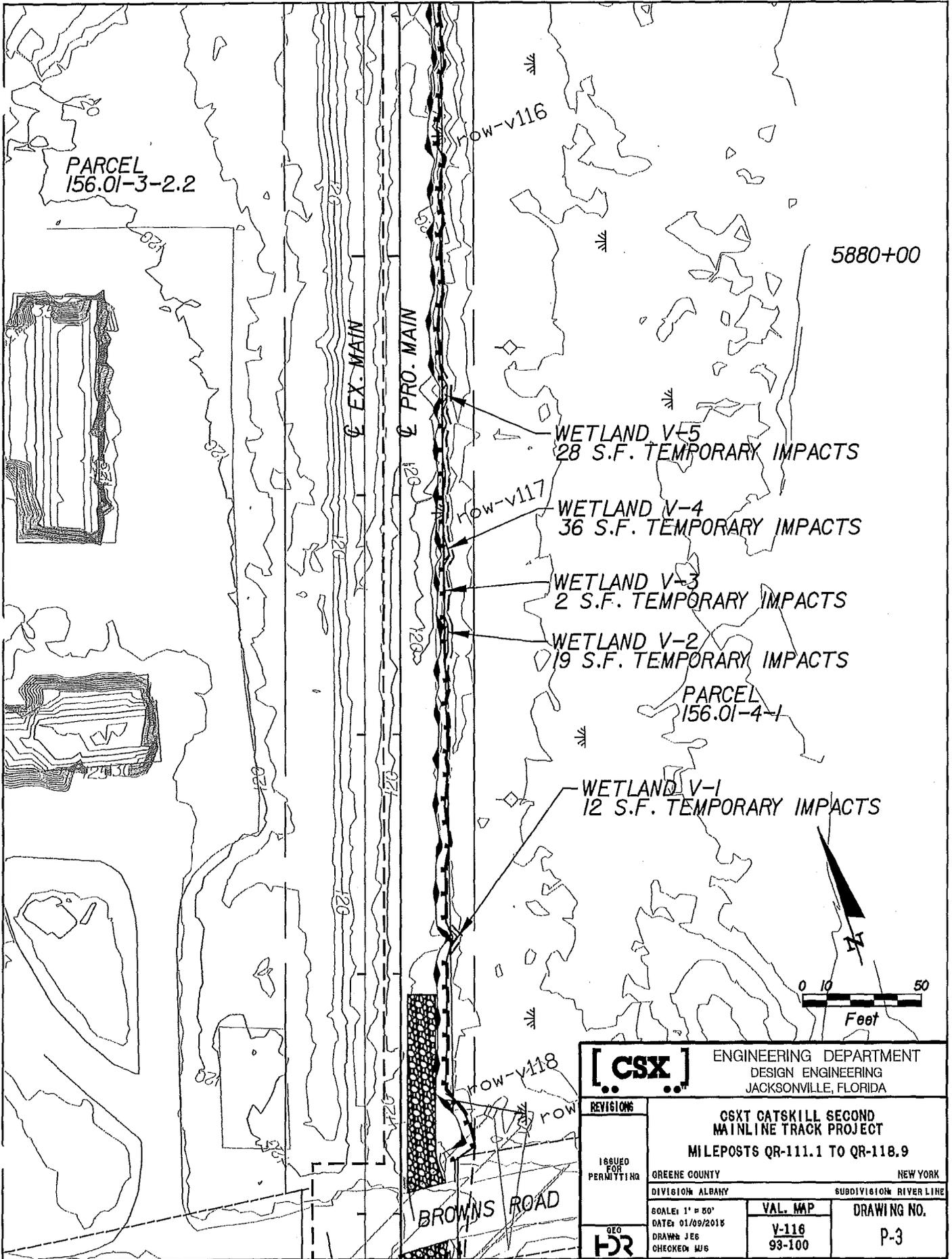


<b>[CSX]</b>		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
REVISIONS		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b>	
ISSUED FOR PERMITTING		<b>MILEPOSTS QR-111.1 TO QR-118.9</b>	
GREENE COUNTY		NEW YORK	
DIVISION ALBANY		SUBDIVISION RIVER LINE	
SCALE: 1" = 50'		DRAWING NO.	
DATE: 01/09/2016		P-IN	
DRAWN: JES		VAL. MAP	
CHECKED: MJG		Y-116 93-100	
DEO <b>DR</b>			





		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
	DIVISION ALBANY	SUBDIVISION RIVER LINE	
SCALE: 1" = 50'	DATE: 01/09/2015	VAL. MAP	DRAWING NO.
DRAWN: JEB	CHECKED: MJG	V-116 93-100	P-2



PARCEL  
156.01-3-2.2

5880+00

EX. MAIN

PRO. MAIN

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28 S.F. TEMPORARY IMPACTS

WETLAND V-4  
36 S.F. TEMPORARY IMPACTS

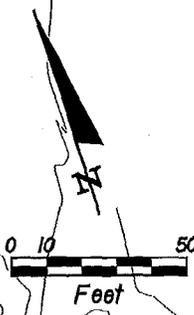
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2 S.F. TEMPORARY IMPACTS

WETLAND V-2  
19 S.F. TEMPORARY IMPACTS

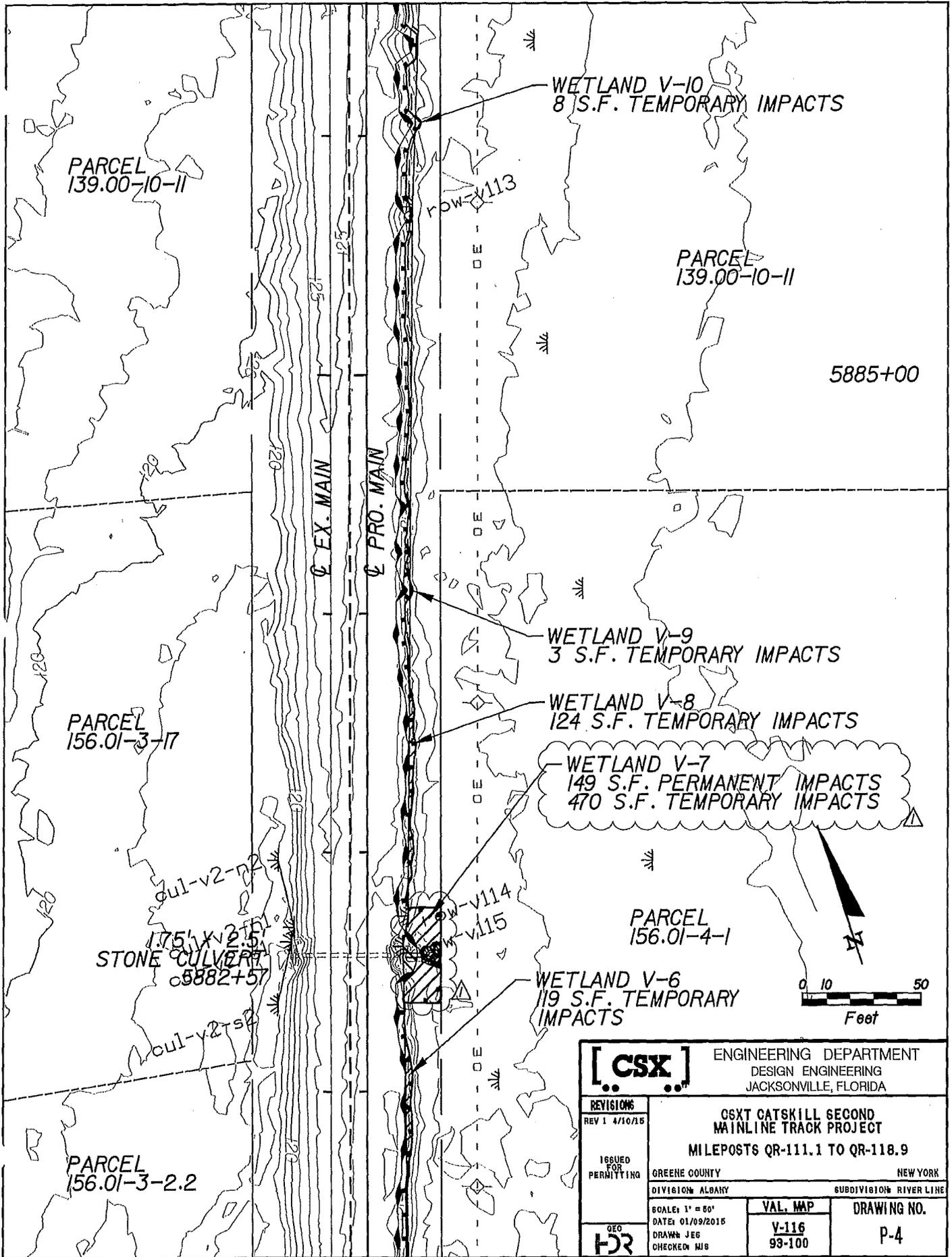
PARCEL  
156.01-4-1

WETLAND V-1  
12 S.F. TEMPORARY IMPACTS

BROWNS ROAD



		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
REVISIONS  ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
	DIVISION ALBANY	SUBDIVISION RIVER LINE	
DATE: 01/09/2015 DRAWN: JEG CHECKED: MWG	SCALE: 1" = 50' VAL. MAP <b>V-116</b> 93-100	DRAWING NO. <b>P-3</b>	



WETLAND V-10  
8 S.F. TEMPORARY IMPACTS

PARCEL  
139.00-10-11

PARCEL  
139.00-10-11

5885+00

EX. MAIN  
PRO. MAIN

WETLAND V-9  
3 S.F. TEMPORARY IMPACTS

PARCEL  
156.01-3-17

WETLAND V-8  
124 S.F. TEMPORARY IMPACTS

WETLAND V-7  
149 S.F. PERMANENT IMPACTS  
470 S.F. TEMPORARY IMPACTS

STONE CULVERT  
175' x 25'  
5882+57

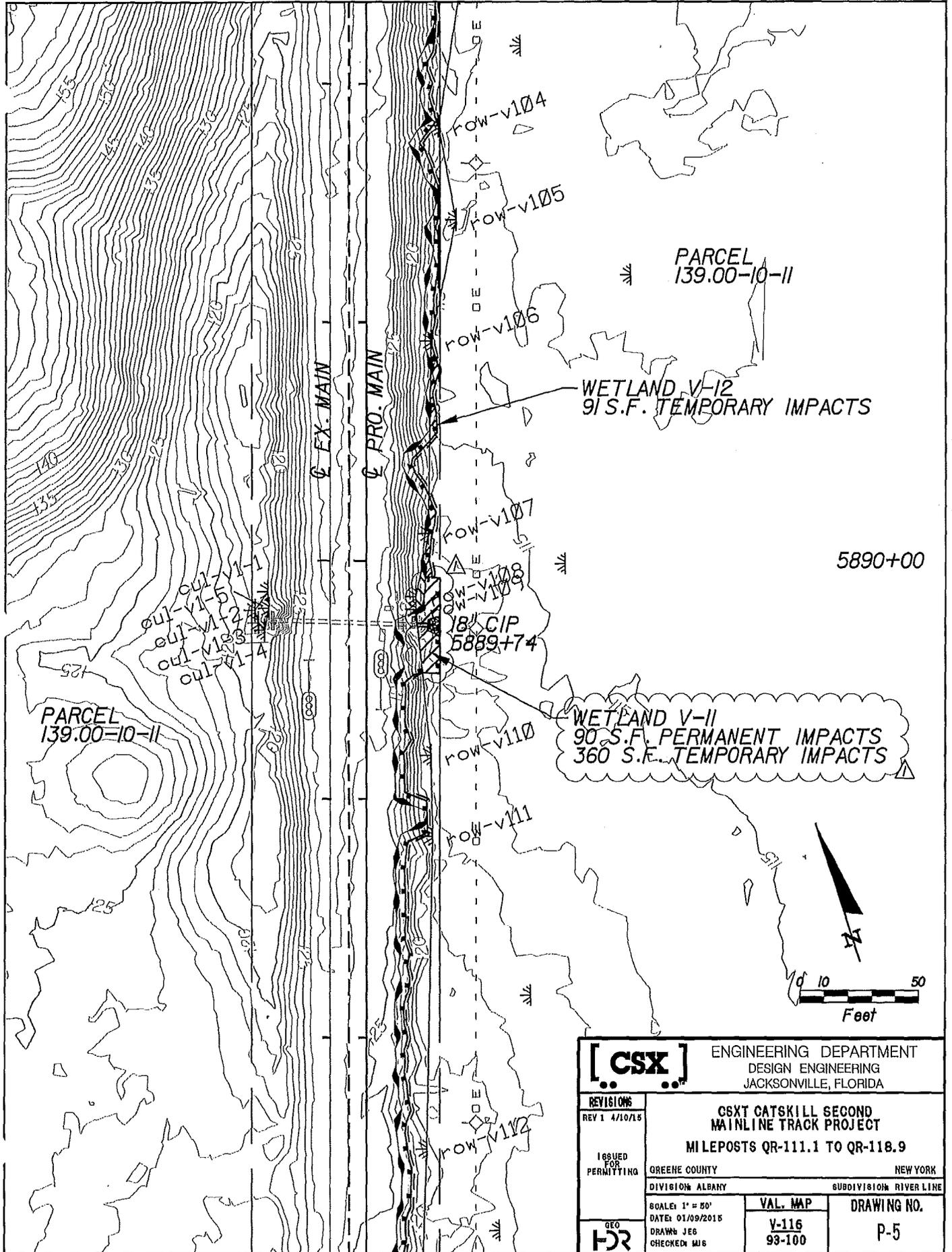
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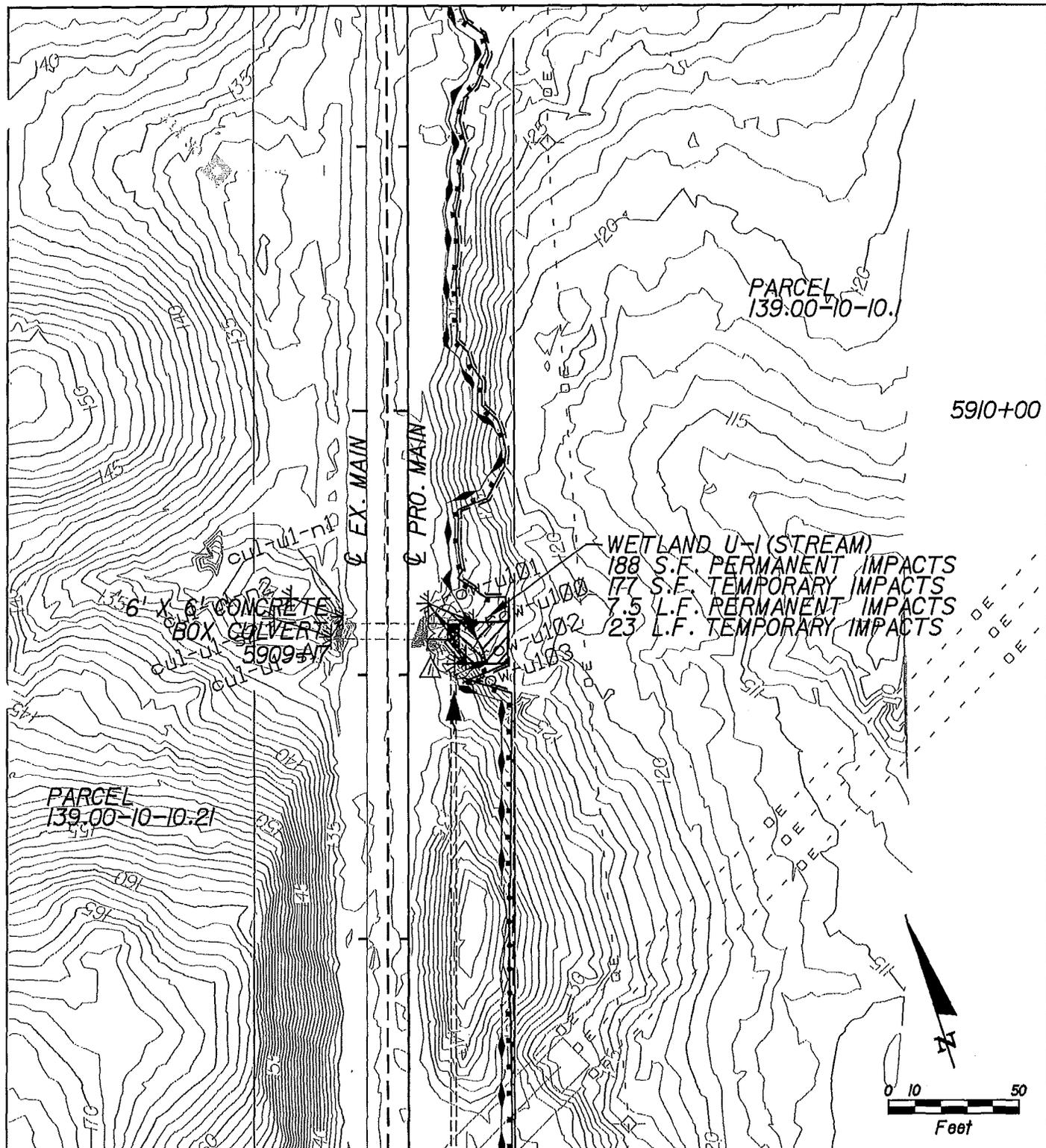


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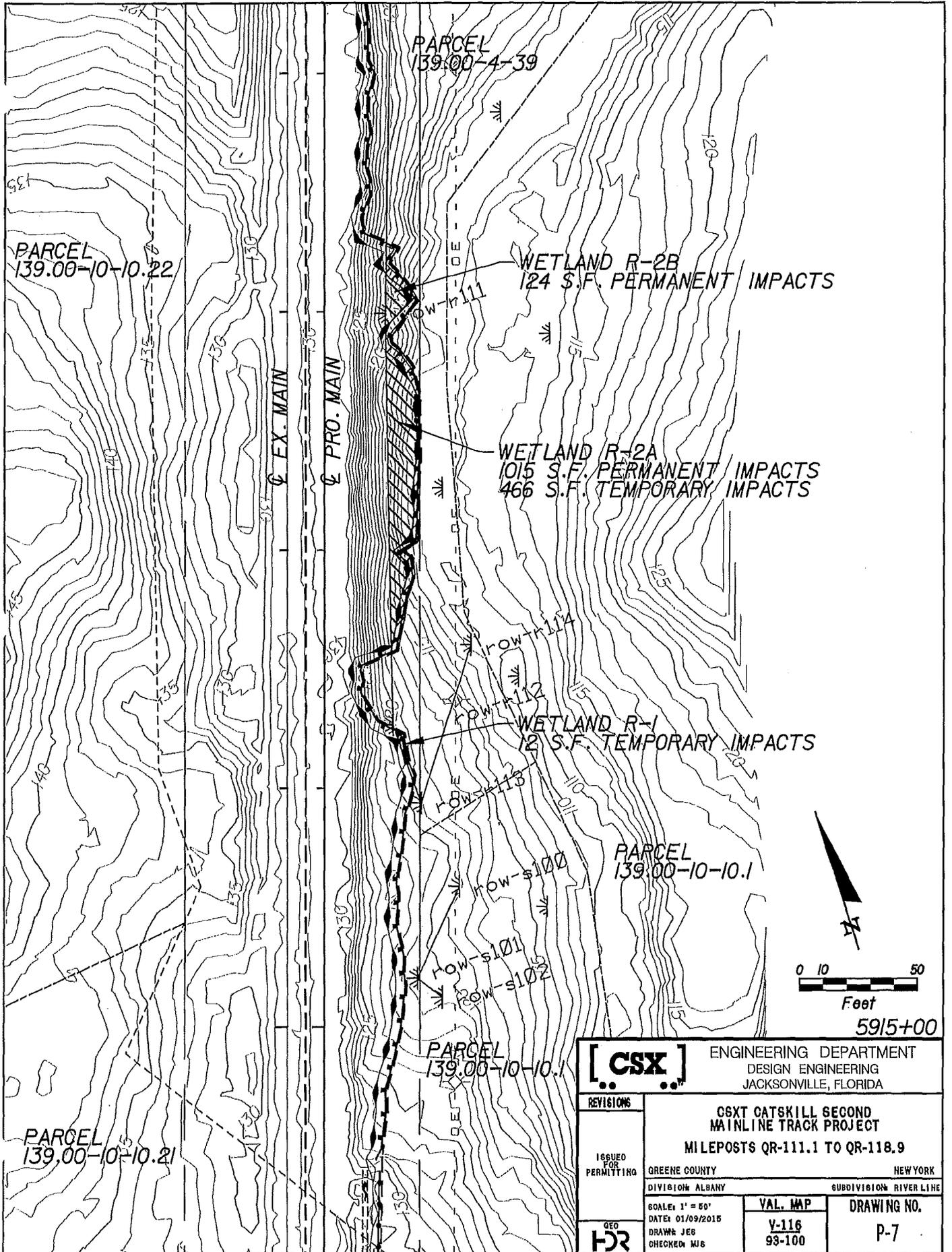
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		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
REVISIONS REV 1 4/10/15	ISSUED FOR PERMITTING	GREENE COUNTY DIVISION ALBANY	NEW YORK SUBDIVISION RIVER LINE
GEO 	DATE: 01/09/2015 DRAWN: JEG CHECKED: NIS	VAL. IMP V-116 93-100	DRAWING NO. P-4



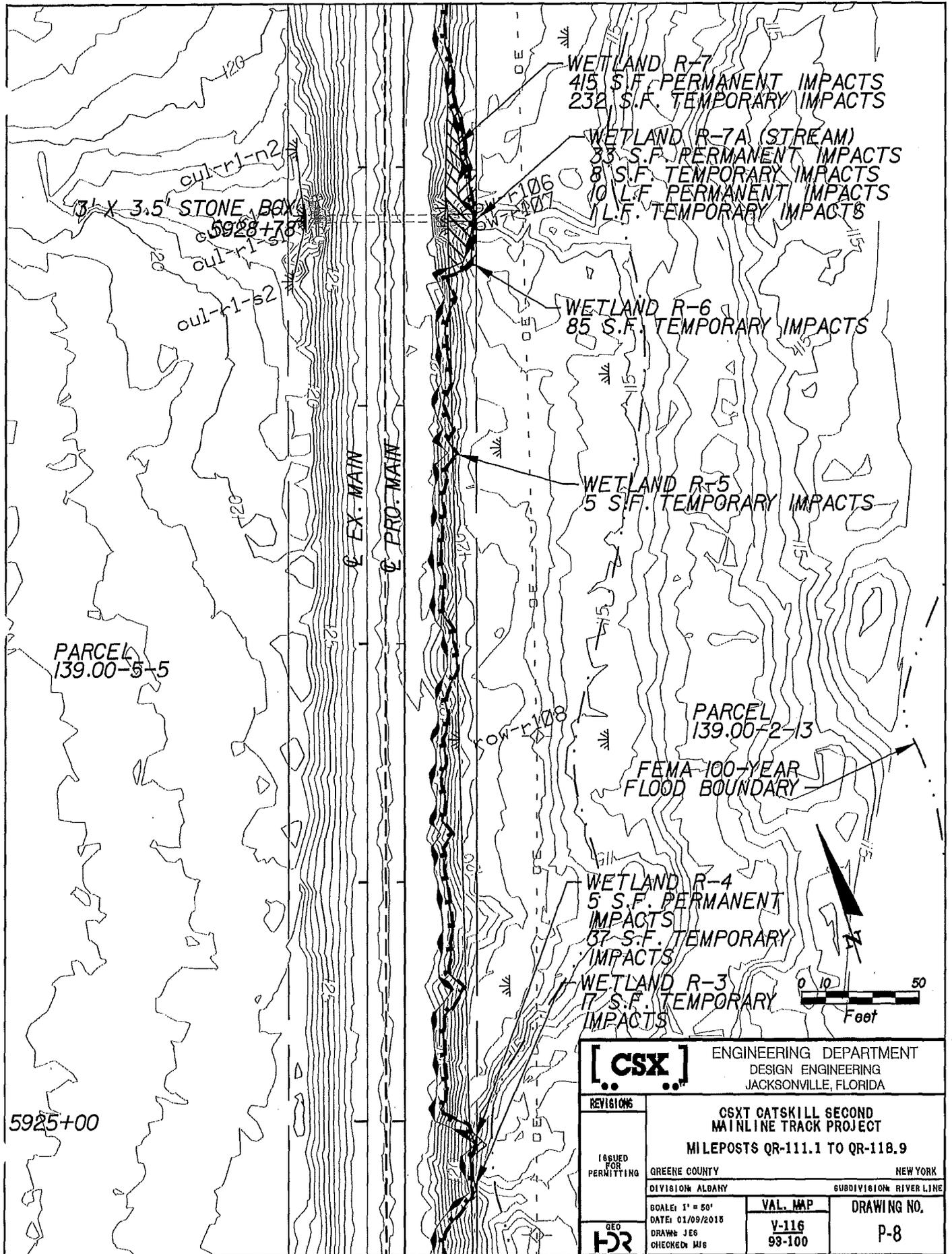
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		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
REVISIONS REV 1 4/10/15	ISSUED FOR PERMITTING	GREENE COUNTY DIVISION ALBANY	NEW YORK SUBDIVISION RIVER LINE
GEO 	SCALE: 1" = 50' DATE: 01/09/2015 DRAWN: JEG CHECKED: MJS	VAL. MAP V-116 93-100	DRAWING NO. P-5



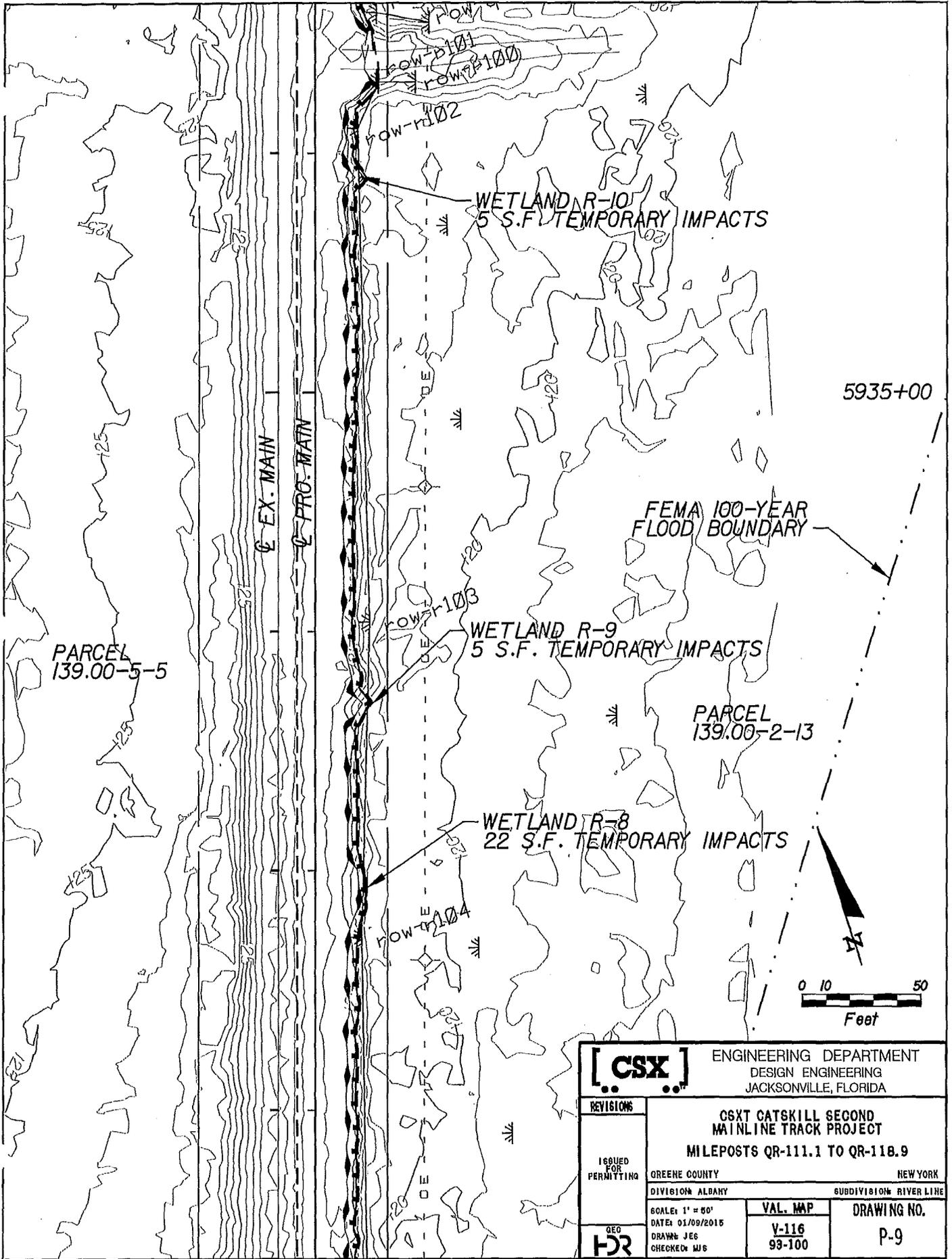
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		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9		
REVISIONS REV 1 4/10/15	ISSUED FOR PERMITTING		GREENE COUNTY DIVISION ALBANY	NEW YORK SUBDIVISION RIVER LINE
GEO 	SCALE: 1" = 60' DATE: 01/09/2015 DRAWN JEB CHECKED MJG	VAL. MAP V-116 93-100	DRAWING NO. P-6	



		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
REVISIIONS	DIVISION ALBANY	SUBDIVISION RIVER LINE	
GEO 	SCALE: 1" = 50'	VAL. MAP	DRAWING NO.
	DATE: 01/09/2015	Y-116 93-100	P-7
	DRAWN: JES		
	CHECKED: MJS		



		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
	DIVISION ALBANY	SUBDIVISION RIVER LINE	
SCALE: 1" = 50'	DATE: 01/09/2015	VAL. MAP	DRAWING NO.
DRAWN: JEG	CHECKED: MJE	V-116 93-100	P-8



PARCEL  
139.00-5-5

EX. MAIN  
PRO. MAIN

WETLAND R-10  
5 S.F. TEMPORARY IMPACTS

5935+00

FEMA 100-YEAR  
FLOOD BOUNDARY

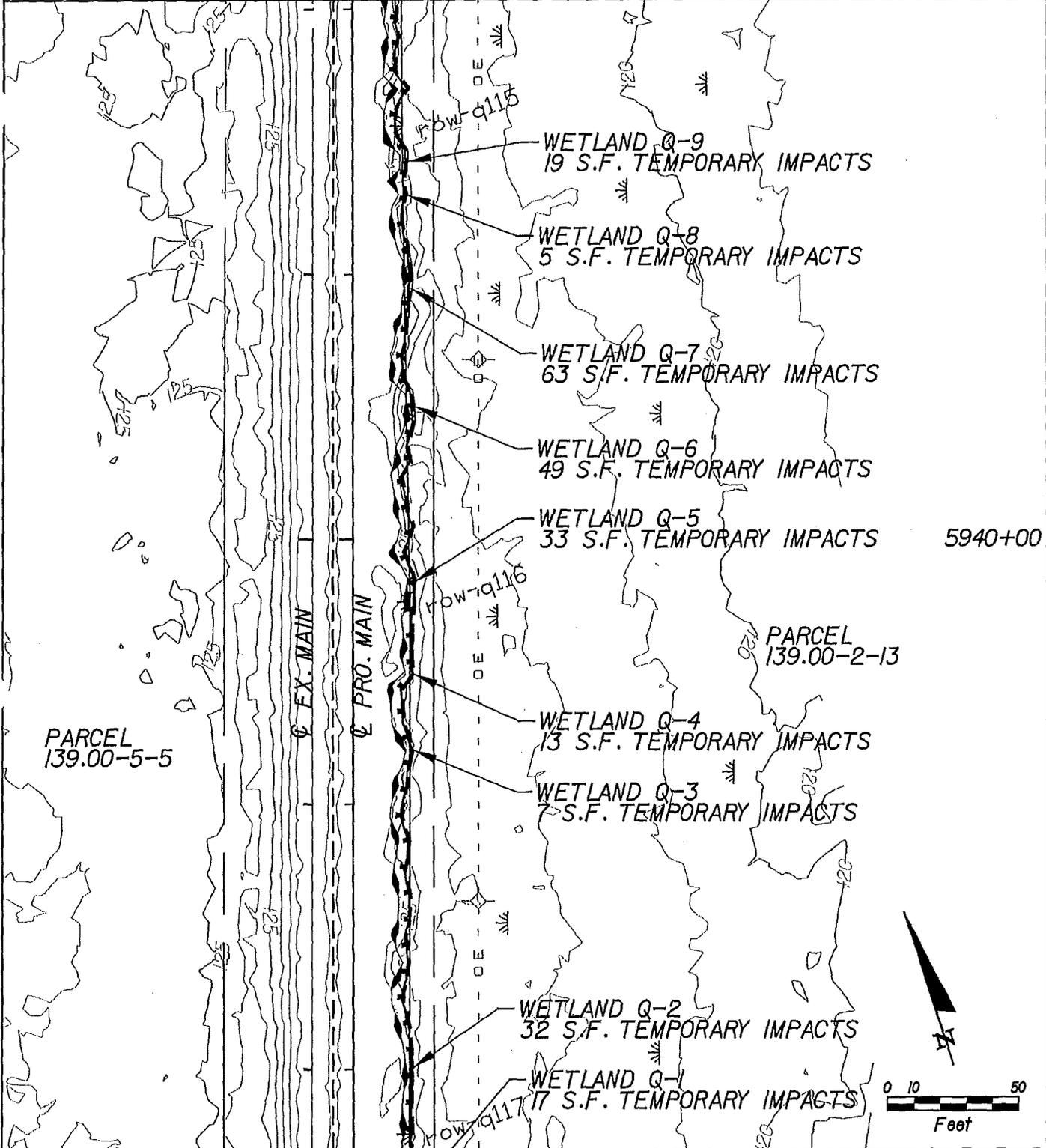
WETLAND R-9  
5 S.F. TEMPORARY IMPACTS

PARCEL  
139.00-2-13

WETLAND R-8  
22 S.F. TEMPORARY IMPACTS



		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>ISSUED FOR PERMITTING</b>	
<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9		GREENE COUNTY	NEW YORK
GEO 		DIVISION ALBANY	SUBDIVISION RIVER LINE
SCALE: 1" = 50' DATE: 01/09/2015 DRAWN: JEG CHECKED: MJS		<b>VAL. MAP</b> V-116 93-100	<b>DRAWING NO.</b> P-9



WETLAND Q-9  
19 S.F. TEMPORARY IMPACTS

WETLAND Q-8  
5 S.F. TEMPORARY IMPACTS

WETLAND Q-7  
63 S.F. TEMPORARY IMPACTS

WETLAND Q-6  
49 S.F. TEMPORARY IMPACTS

WETLAND Q-5  
33 S.F. TEMPORARY IMPACTS 5940+00

PARCEL  
139.00-2-13

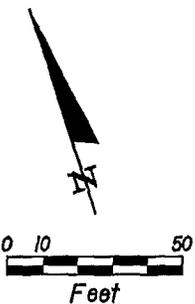
PARCEL  
139.00-5-5

WETLAND Q-4  
13 S.F. TEMPORARY IMPACTS

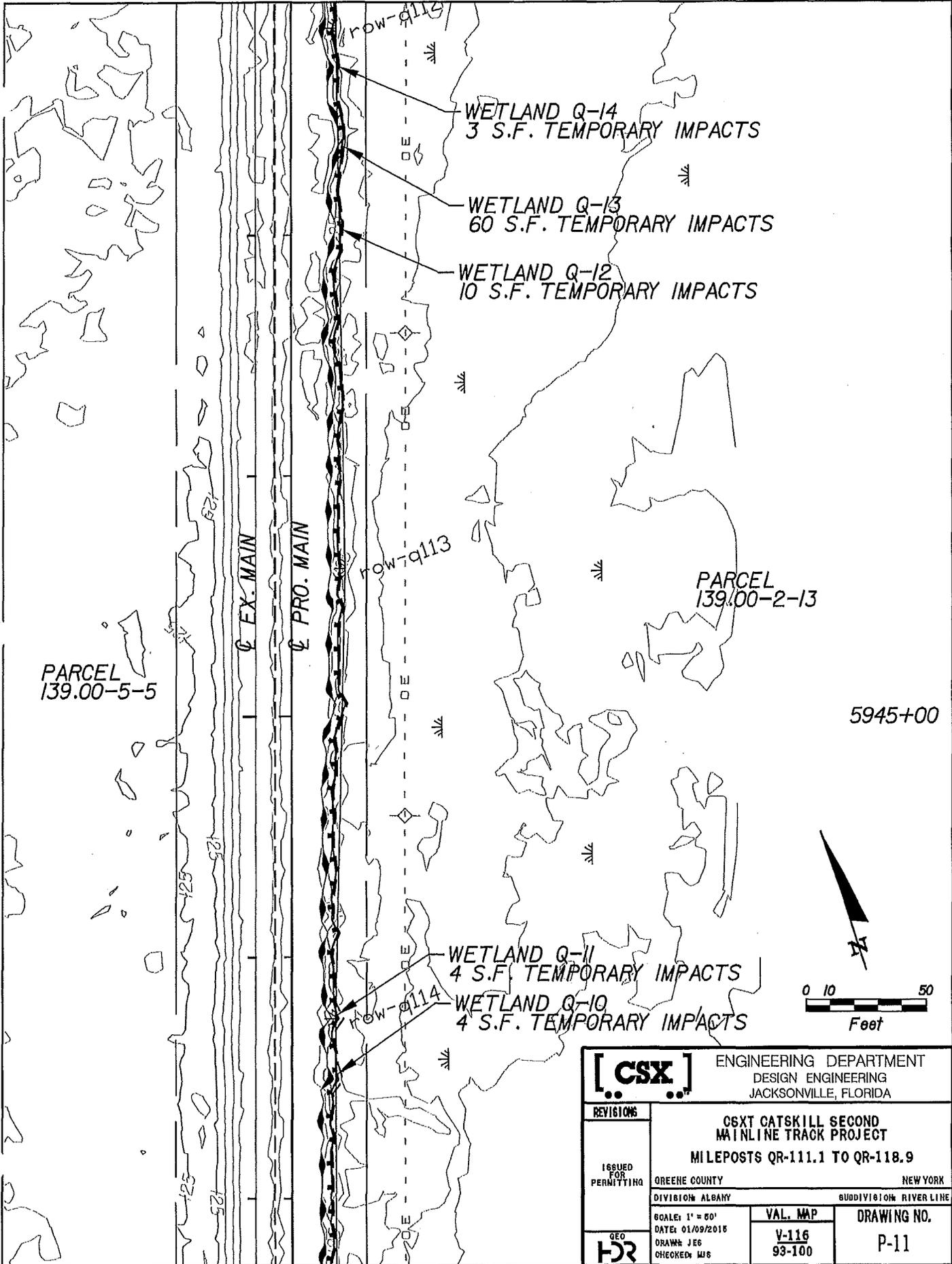
WETLAND Q-3  
7 S.F. TEMPORARY IMPACTS

WETLAND Q-2  
32 S.F. TEMPORARY IMPACTS

WETLAND Q-1  
17 S.F. TEMPORARY IMPACTS



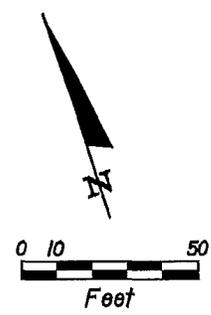
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		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
QEO	DIVISION ALBANY	SUBDIVISION RIVER LINE	
	SCALE: 1" = 80'	VAL. MAP	DRAWING NO.
	DATE: 01/09/2015	V-116	P-10
	DRAWN: JES	93-100	
	CHECKED: M/G		



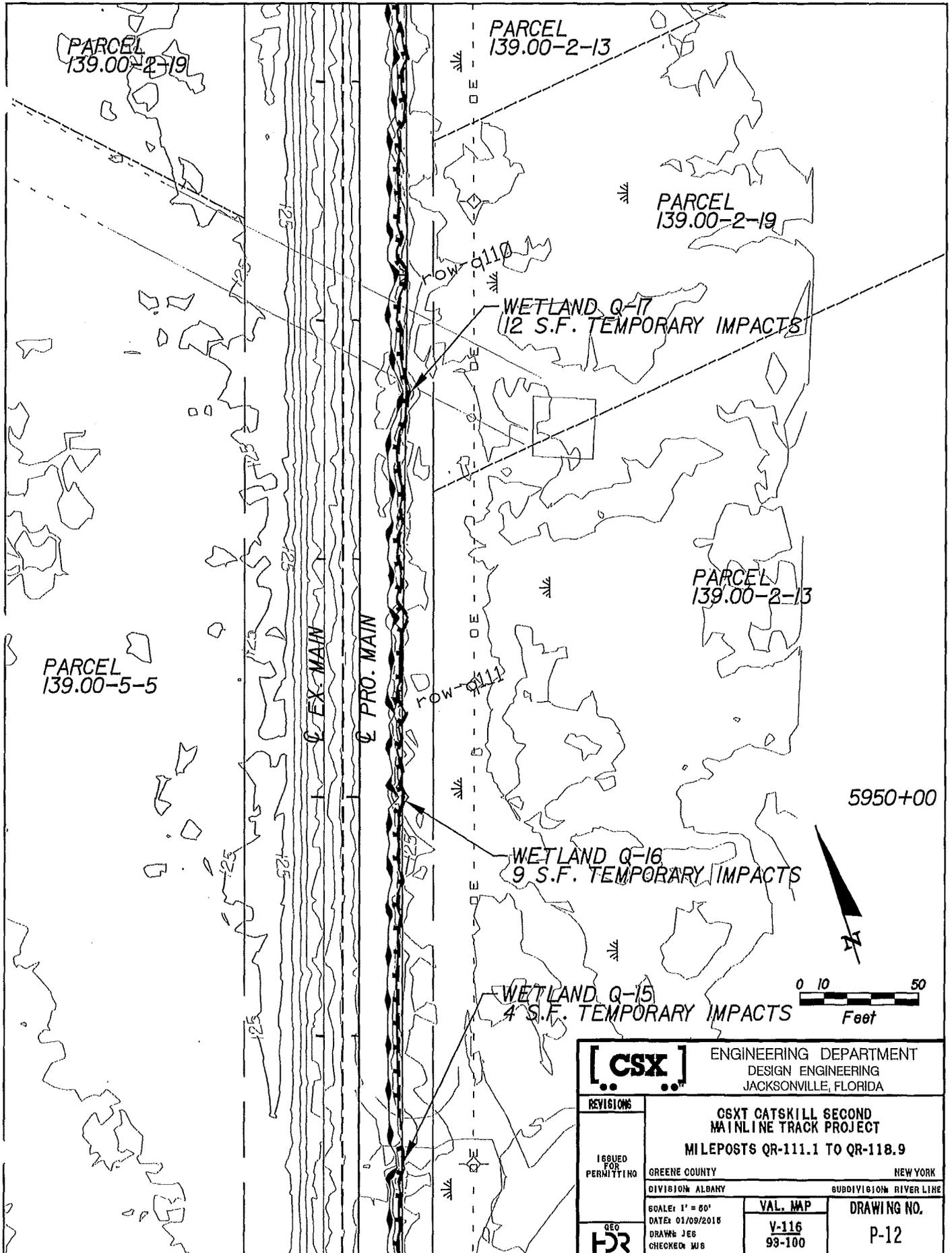
PARCEL  
139.00-5-5

PARCEL  
139.00-2-13

5945+00



		ENGINEERING DEPARTMENT	
		DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
REVISIONS  ISSUED FOR PERMITTING	<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9		
	GREENE COUNTY		NEW YORK
	DIVISION ALBANY		SUBDIVISION RIVER LINE
GEO 	SCALE: 1" = 50'	VAL. MAP V-116 93-100	DRAWING NO. P-11
	DATE: 01/09/2016 DRAWN: JEG CHECKED: JWS		



PARCEL  
139.00-2-19

PARCEL  
139.00-2-13

PARCEL  
139.00-2-19

WETLAND Q-17  
12 S.F. TEMPORARY IMPACTS

PARCEL  
139.00-5-5

PARCEL  
139.00-2-13

5950+00

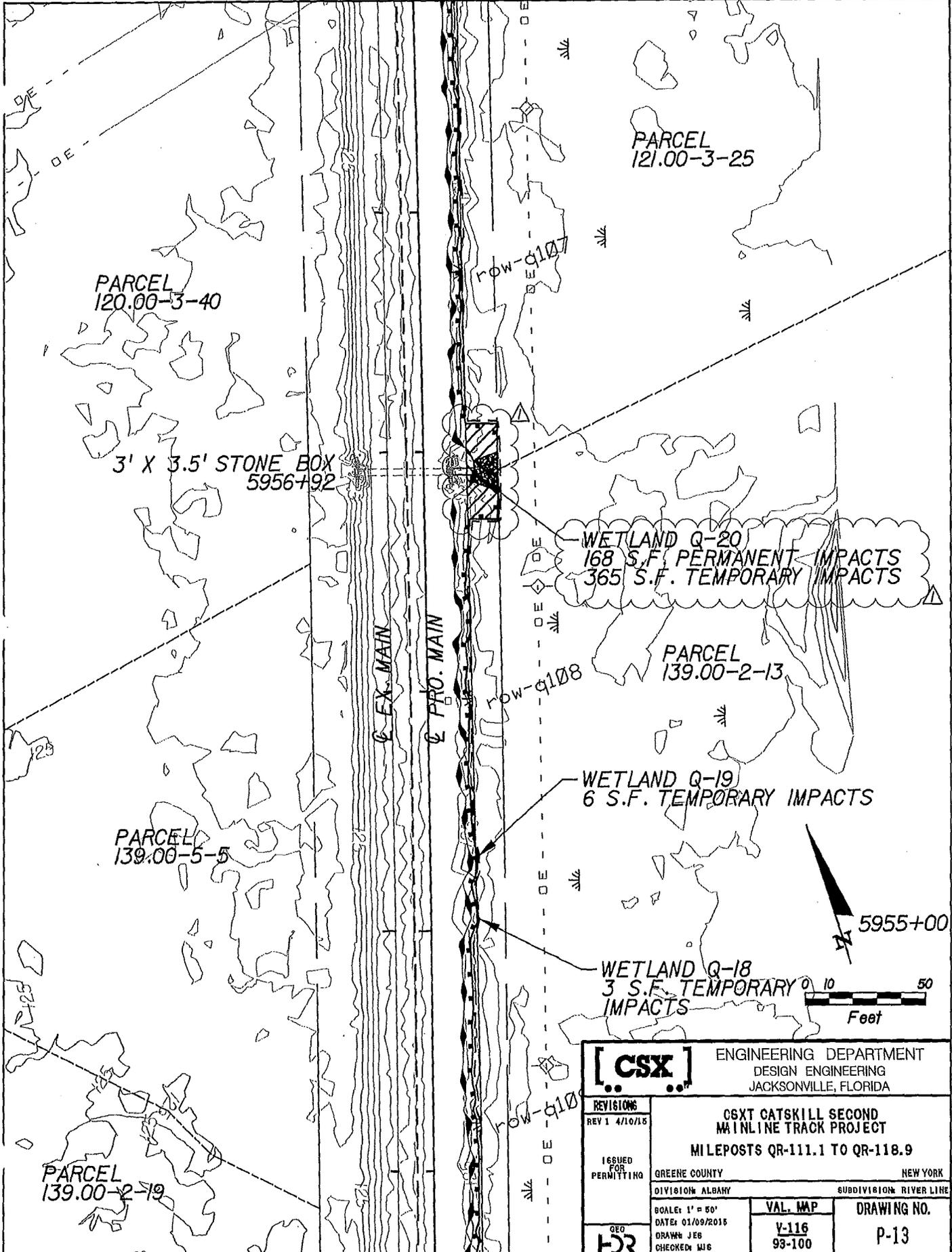
WETLAND Q-16  
9 S.F. TEMPORARY IMPACTS

WETLAND Q-15  
4 S.F. TEMPORARY IMPACTS

EX-MAIN  
PRO-MAIN



		ENGINEERING DEPARTMENT	
		DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
ISSUED FOR PERMITTING	<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> <b>MILEPOSTS QR-111.1 TO QR-118.9</b>		
GEO 	GREENE COUNTY	NEW YORK	
	DIVISION ALBANY	SUBDIVISION RIVER LINE	
SCALE: 1" = 60'	DATE: 01/09/2016	VAL. MAP	DRAWING NO.
DRAWN: JES	CHECKED: MJB	V-116 93-100	P-12



PARCEL  
120.00-3-40

PARCEL  
121.00-3-25

3' X 3.5' STONE BOX  
5956+92

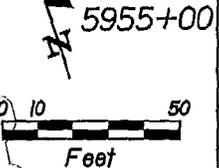
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168 S.F. PERMANENT IMPACTS  
365 S.F. TEMPORARY IMPACTS

PARCEL  
139.00-2-13

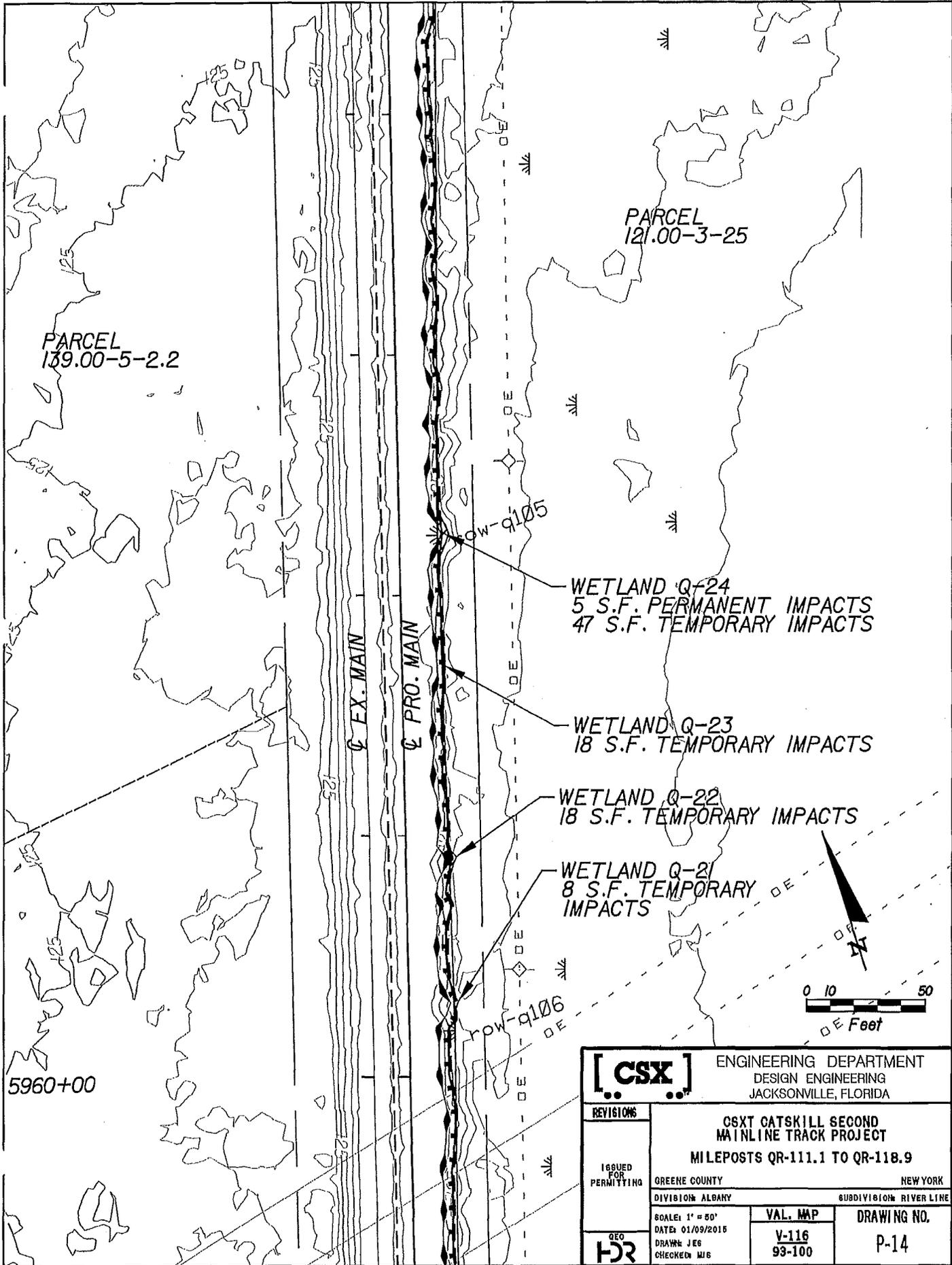
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WETLAND Q-19  
6 S.F. TEMPORARY IMPACTS

WETLAND Q-18  
3 S.F. TEMPORARY IMPACTS



		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
REVISIONS REV 1 4/10/15	ISSUED FOR PERMITTING	GREENE COUNTY DIVISION ALBANY	NEW YORK SUBDIVISION RIVER LINE
GEO 	BOILER 1" = 50' DATE: 01/09/2015 DRAWN: JES CHECKED: WJS	VAL. MAP V-116 93-100	DRAWING NO. P-13



PARCEL  
129.00-5-2.2

PARCEL  
121.00-3-25

WETLAND Q-24  
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47 S.F. TEMPORARY IMPACTS

WETLAND Q-23  
18 S.F. TEMPORARY IMPACTS

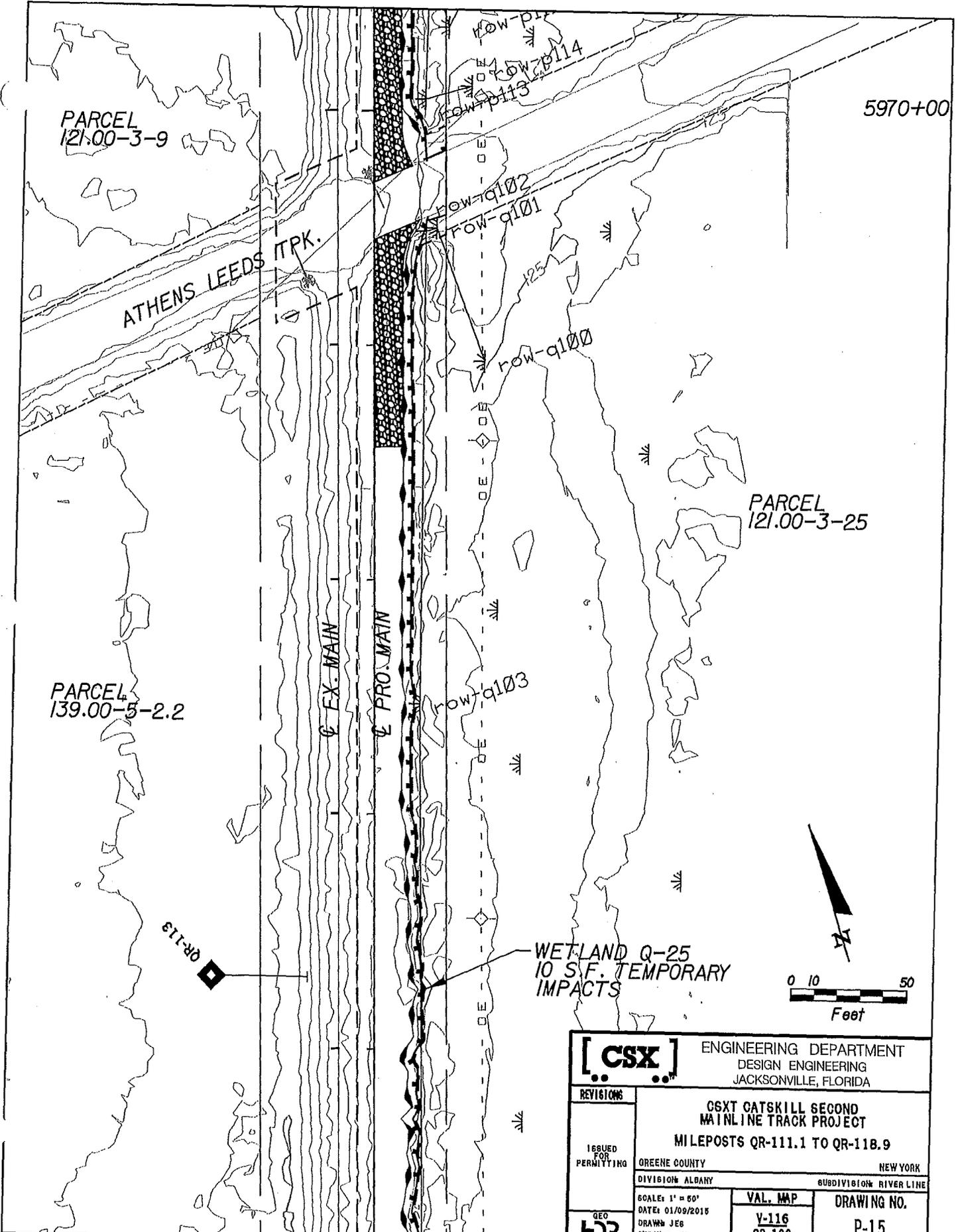
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18 S.F. TEMPORARY IMPACTS

WETLAND Q-21  
8 S.F. TEMPORARY  
IMPACTS

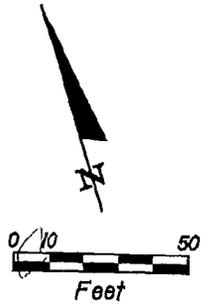
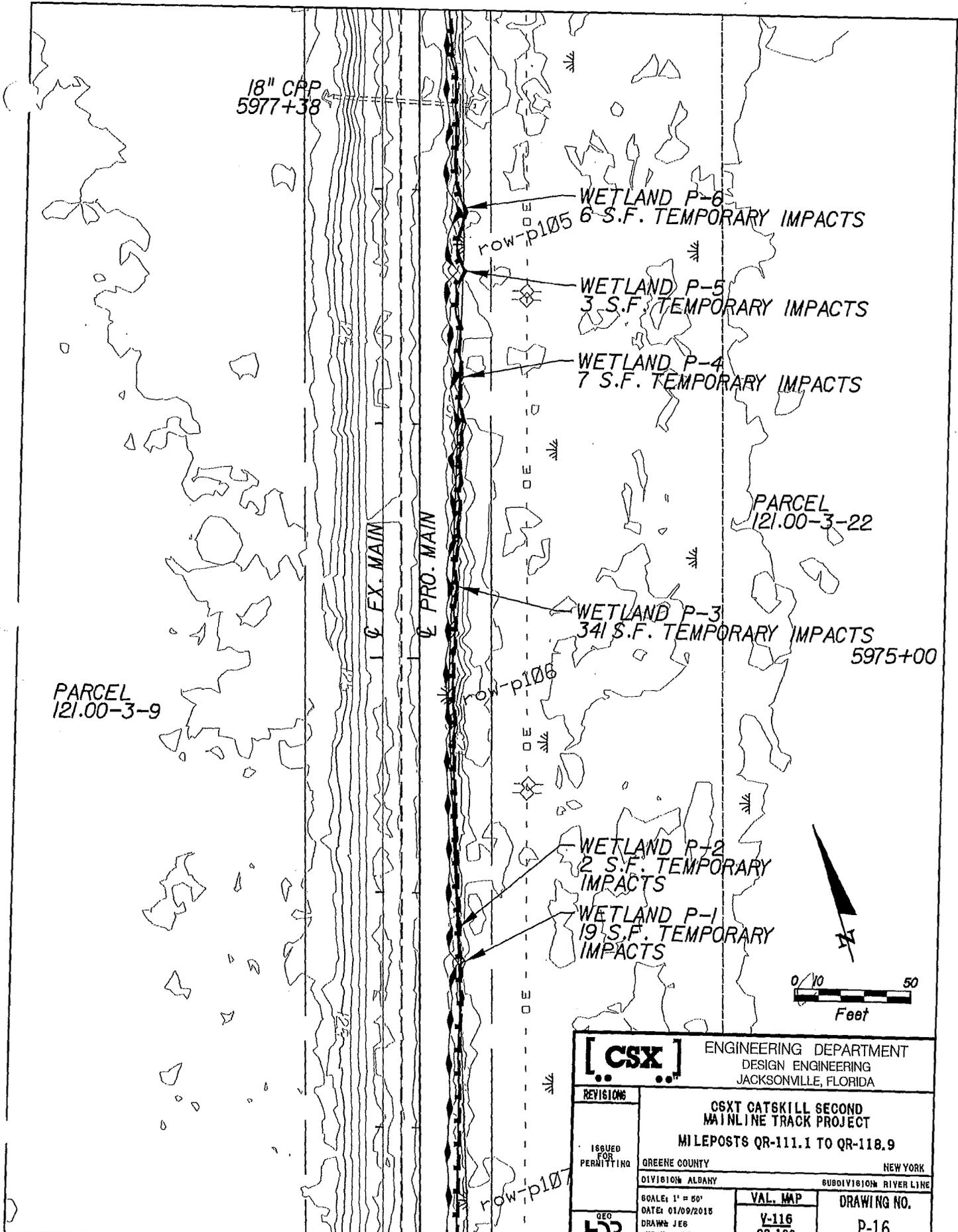


5960+00

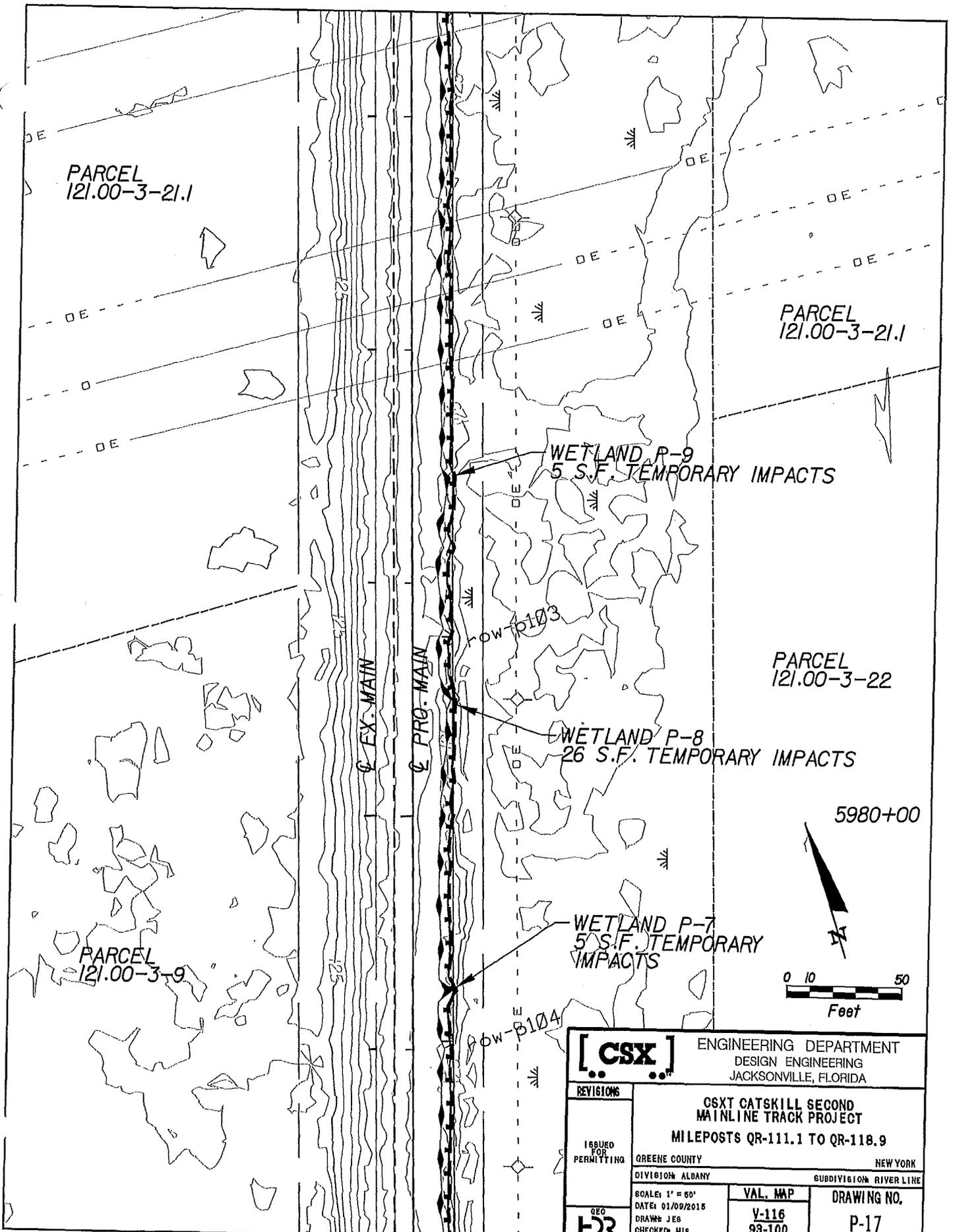
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REVISIONS  ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
	DIVISION ALBANY	SUBDIVISION RIVER LINE	
GEO 	SCALE: 1" = 50'	VAL. MAP	DRAWING NO.
	DATE: 01/09/2015	V-116 93-100	P-14
	DRAWN: JES	CHECKED: MJS	



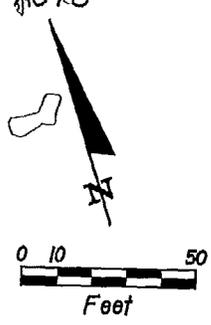
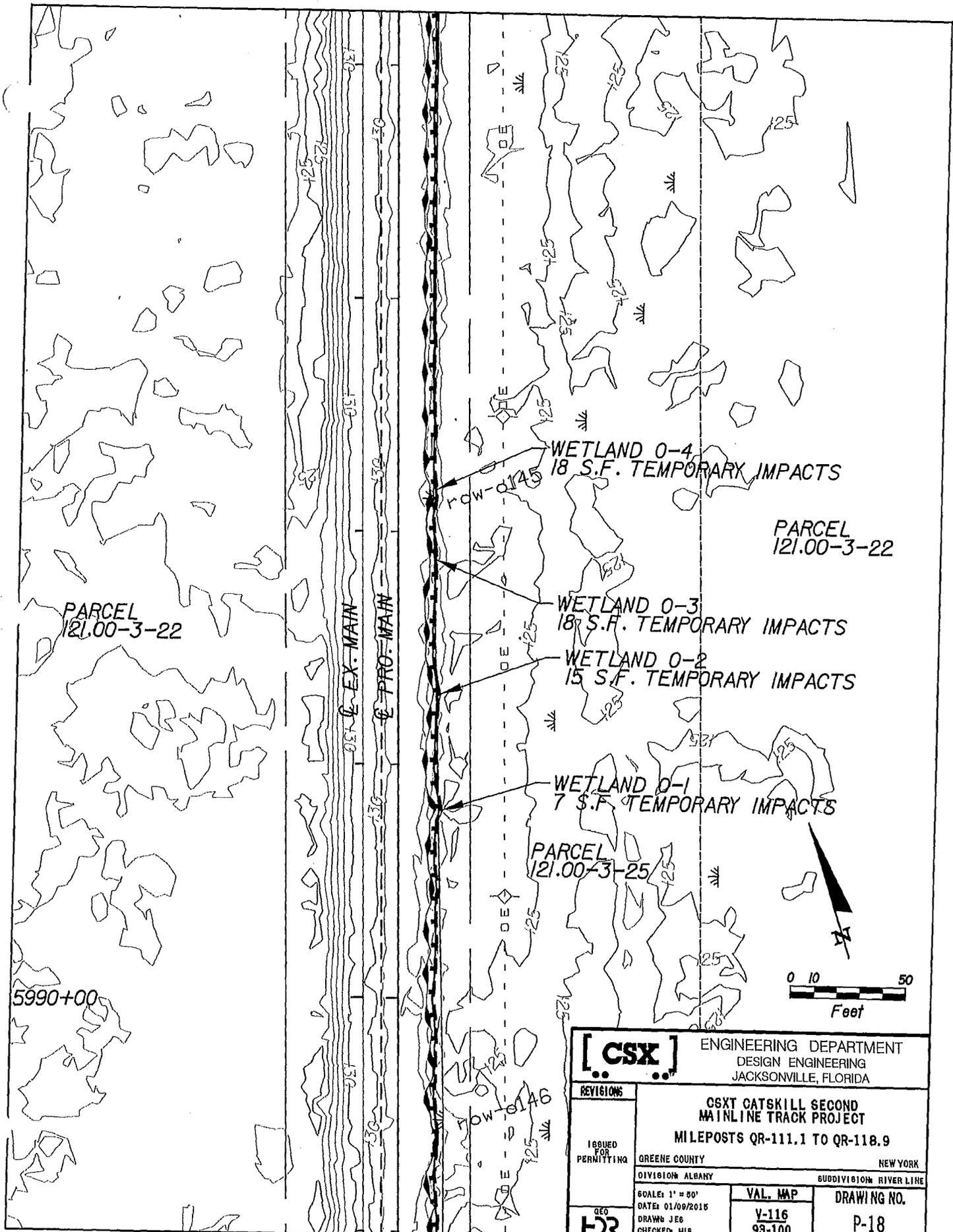
		ENGINEERING DEPARTMENT	
		DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
REVISIONS	<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9		
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
	DIVISION ALBANY	SUBDIVISION RIVER LINE	
GEO 	SCALE: 1" = 50'	VAL. MAP	DRAWING NO. P-15
	DATE: 01/09/2015	Y-116 93-100	
	DRAWN: JES		
	CHECKED: WJ		



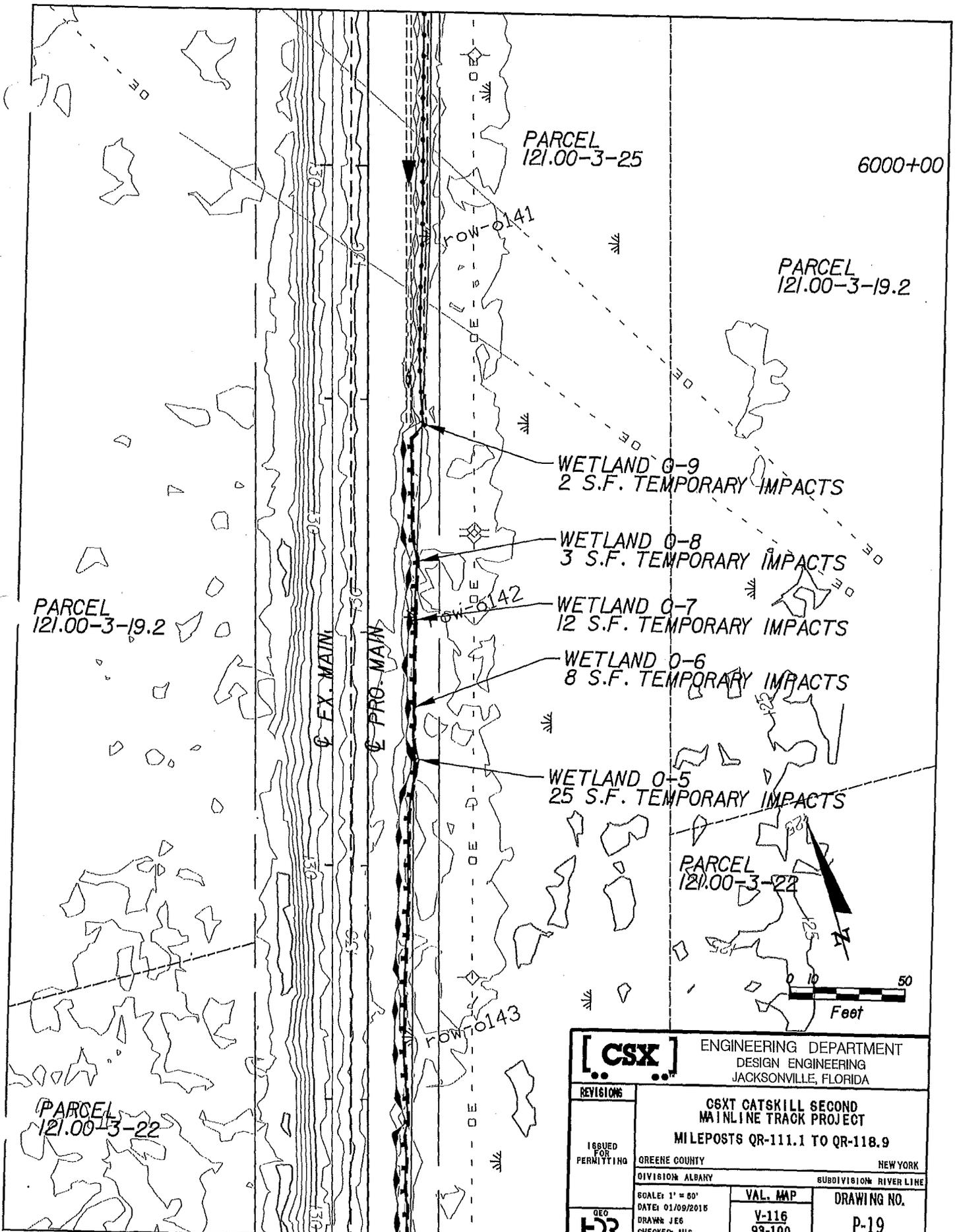
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		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
DATE: 01/09/2015	DIVISION ALBANY	SUBDIVISION RIVER LINE	
SCALE: 1" = 50'	VAL. MAP	DRAWING NO.	
DRAWN: JEB	Y-116	P-16	
CHECKED: MJS	93-100		



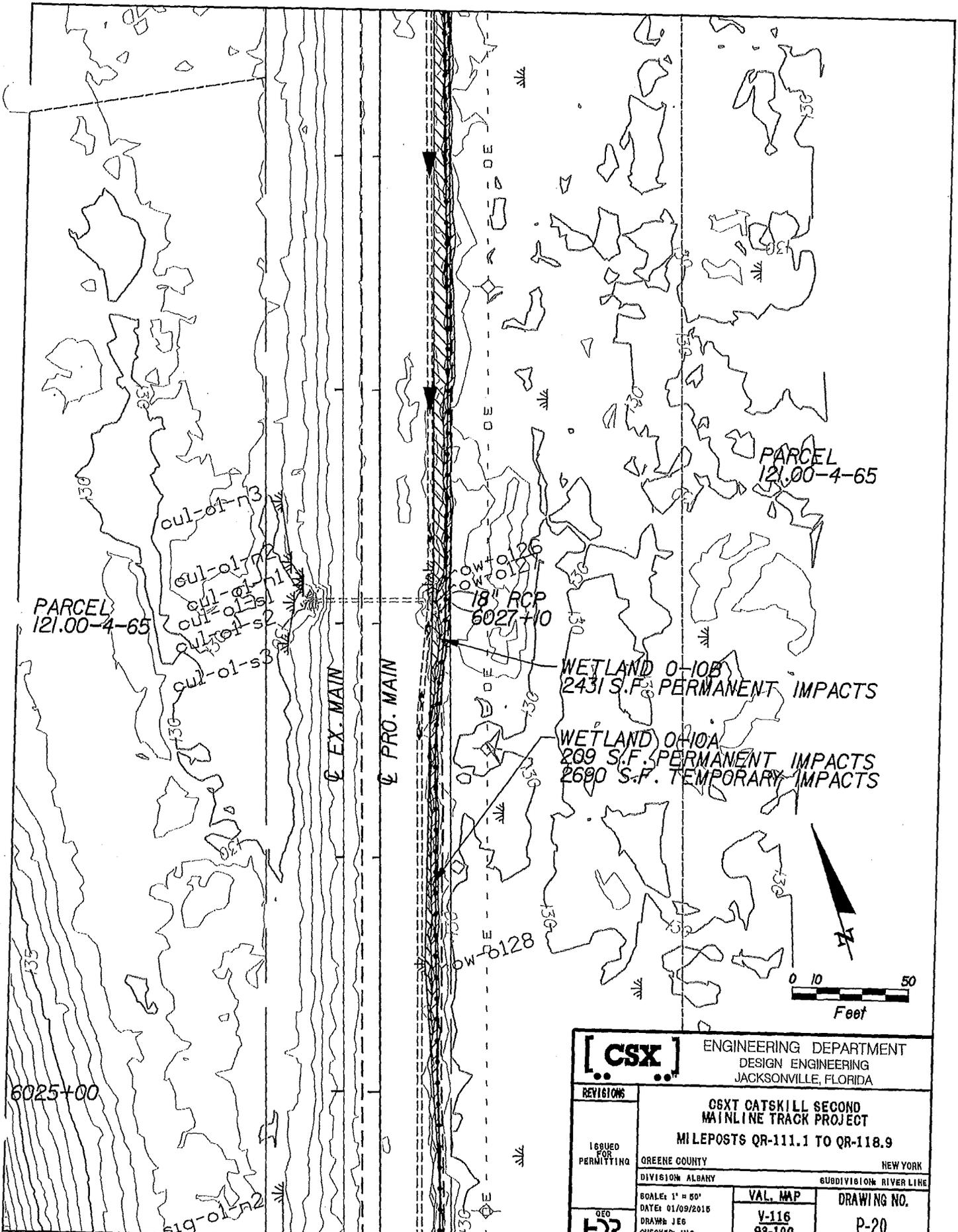
		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
GEO		SUBDIVISION RIVER LINE	
REVISIONS  DATE: 01/09/2015 DRAWN: JEG CHECKED: WS	VAL. MAP V-116 93-100	DRAWING NO. P-17	



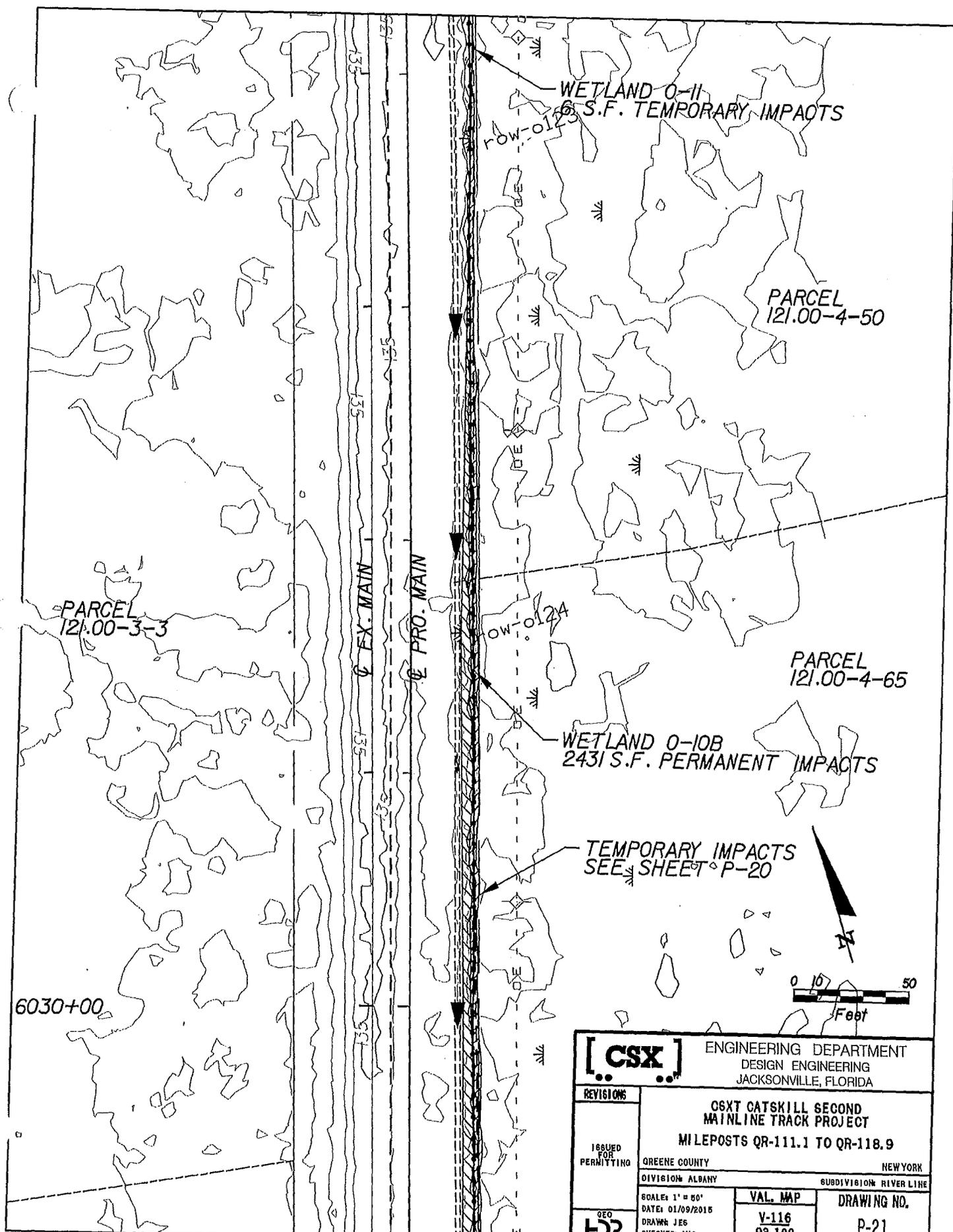
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		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
DATE	DIVISION ALBANY	SUBDIVISION RIVER LINE	
SCALE: 1" = 50'	VAL. MAP	DRAWING NO.	
DATE: 01/09/2015	V-116	P-18	
DRAWN: JEB	93-100		
CHECKED: MJB			



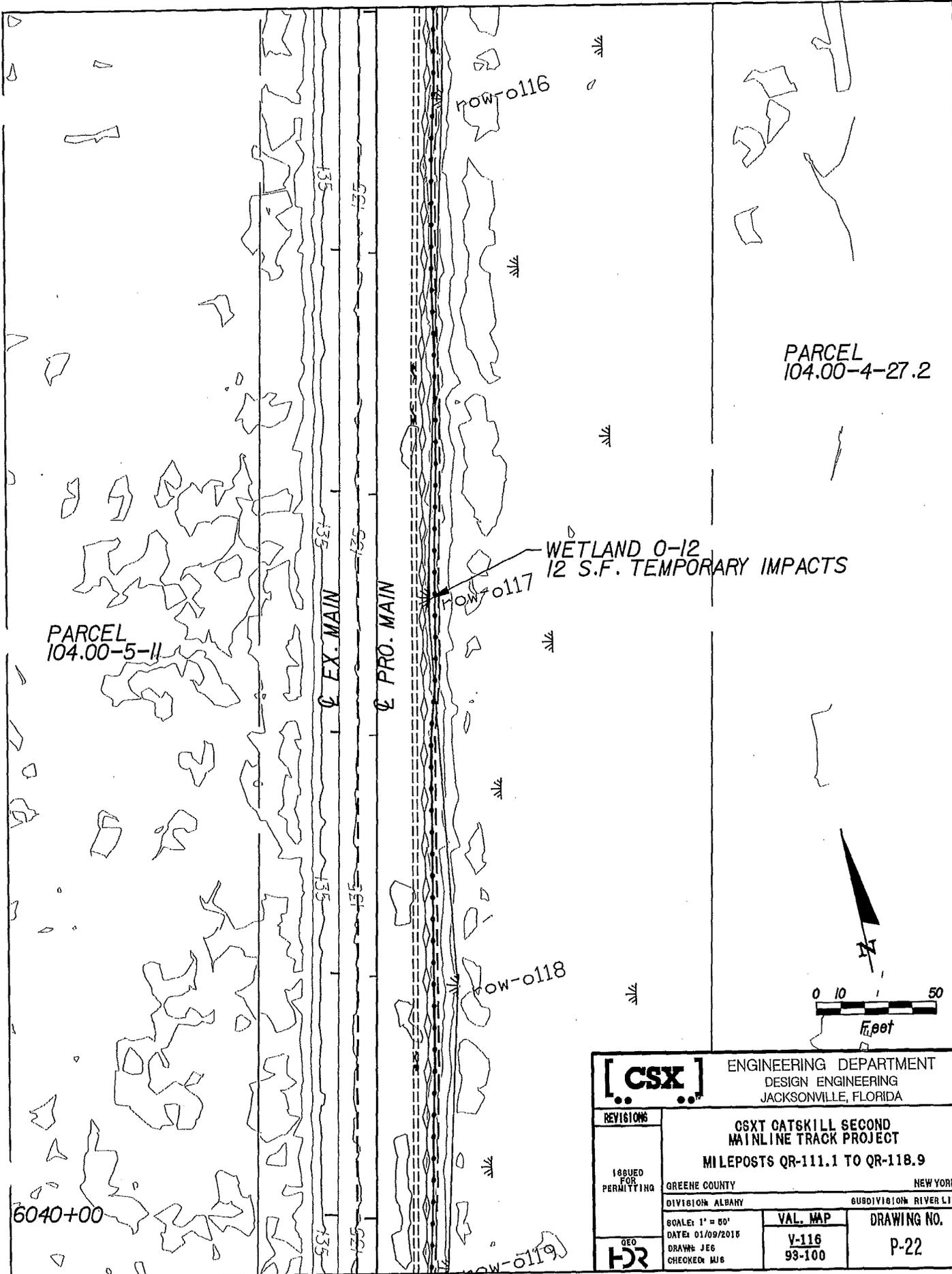
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		ISSUED FOR PERMITTING	
REVISIONS		CSX CATSKILL SECOND MAINLINE TRACK PROJECT MILEPOSTS QR-111.1 TO QR-118.9	
GEO 		GREENE COUNTY DIVISION ALBANY	NEW YORK SUBDIVISION RIVER LINE
SCALE: 1" = 50' DATE: 01/09/2015 DRAWN: JEG CHECKED: MJS		VAL. MAP V-116 93-100	DRAWING NO. P-19



		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
REVISIONS ISSUED FOR PERMITTING		GREENE COUNTY DIVISION ALBANY	NEW YORK SUBDIVISION RIVER LINE
GEO 		SCALE: 1" = 50' DATE: 01/09/2016 DRAWN: JEG CHECKED: MJB	VAL. MAP V-116 93-100
		DRAWING NO. P-20	



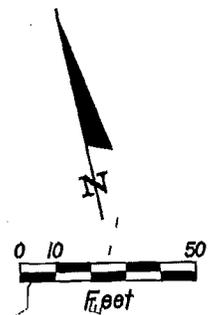
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		<b>ISSUED FOR PERMITTING</b> <b>GREENE COUNTY</b> NEW YORK DIVISION ALBANY SUBDIVISION RIVER LINE	
<b>REVISIONS</b>		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> <b>MILEPOSTS QR-111.1 TO QR-118.9</b>	
		SCALE: 1" = 50' DATE: 01/09/2015 DRAWN: JES CHECKED: MWG	VAL. MAP <b>V-116</b> 93-100
		<b>DRAWING NO.</b> <b>P-21</b>	



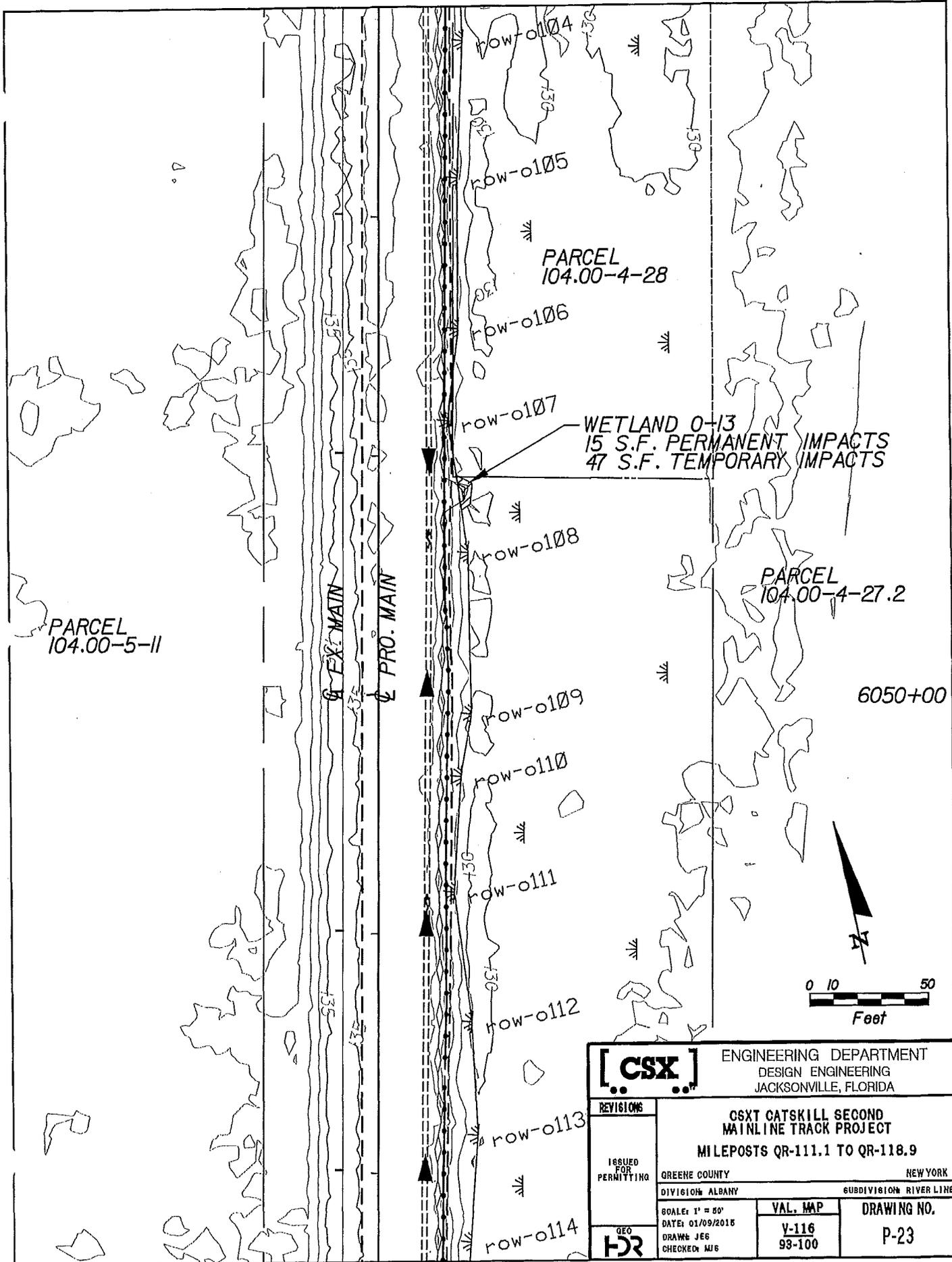
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PARCEL  
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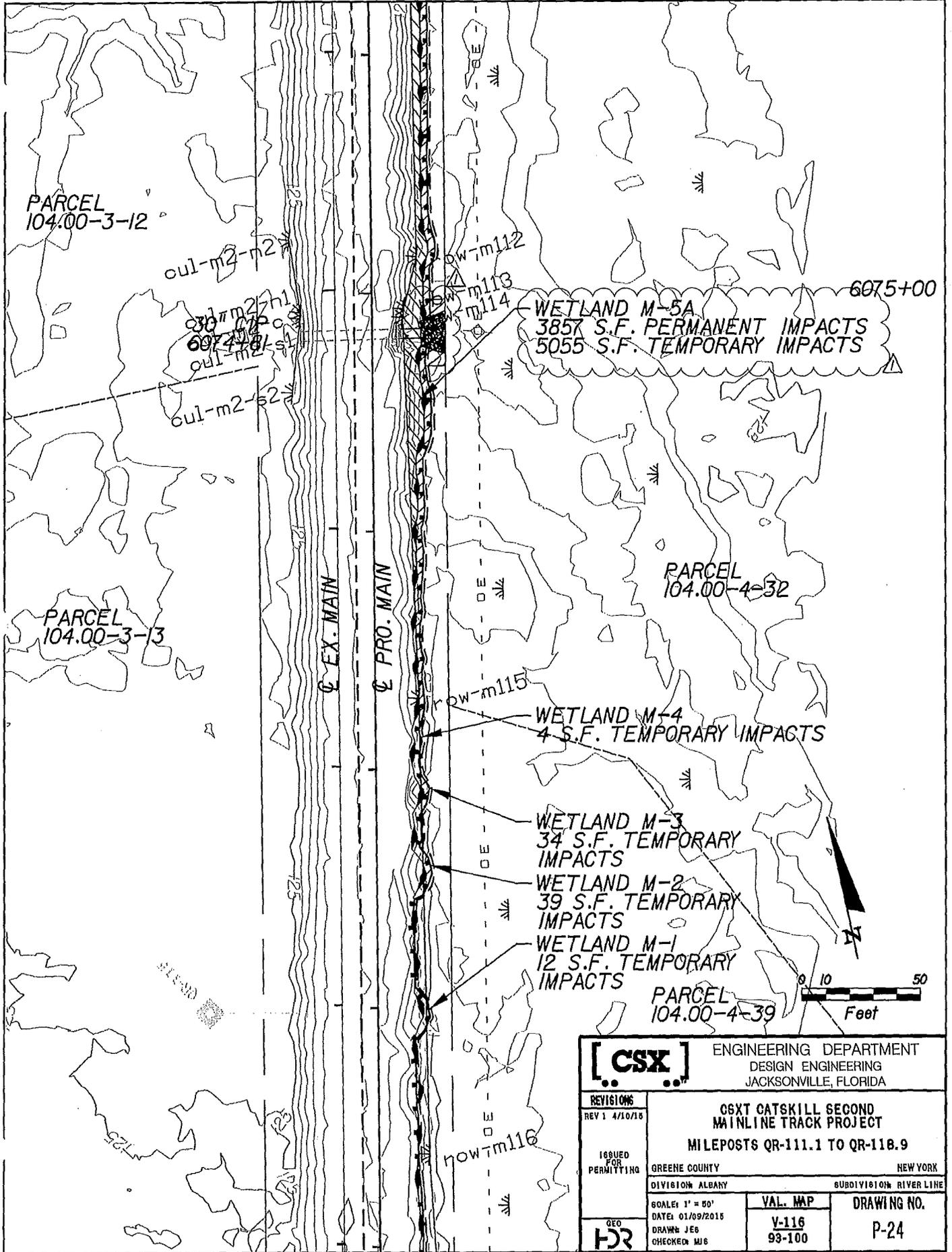
WETLAND 0-12  
12 S.F. TEMPORARY IMPACTS



		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
REVISIONS  ISSUED FOR PERMITTING	GREENE COUNTY		NEW YORK
	DIVISION ALBANY		SUBDIVISION RIVER LINE
GEO 	SCALE: 1" = 50'	VAL. MAP	DRAWING NO.
	DATE: 01/09/2016 DRAWN: JEG CHECKED: MJS	V-116 93-100	P-22



<b>[CSX]</b>		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
ISSUED FOR PERMITTING		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> <b>MILEPOSTS QR-111.1 TO QR-118.9</b>	
GEO <b>DR</b>		GREENE COUNTY	NEW YORK
DATE: 01/09/2018		DIVISION: ALBANY	
DRAWN: JEG		SUBDIVISION: RIVER LINE	
CHECKED: MJG		VAL. MAP <b>V-116</b> 99-100	DRAWING NO. <b>P-23</b>



WETLAND M-5A  
 3857 S.F. PERMANENT IMPACTS  
 5055 S.F. TEMPORARY IMPACTS

WETLAND M-4  
 4 S.F. TEMPORARY IMPACTS

WETLAND M-3  
 34 S.F. TEMPORARY IMPACTS

WETLAND M-2  
 39 S.F. TEMPORARY IMPACTS

WETLAND M-1  
 12 S.F. TEMPORARY IMPACTS

		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
REVISIONS REV 1 4/10/18	ISSUED FOR PERMITTING	GREENE COUNTY DIVISION ALBANY	NEW YORK SUBDIVISION RIVER LINE
GEO 	SCALE: 1" = 50' DATE: 01/09/2018 DRAWN: JEG CHECKED: MJS	VAL. MAP V-116 93-100	DRAWING NO. P-24

6080+00

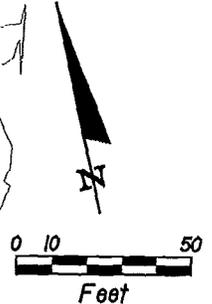
WETLAND M-5A  
3724 S.F. PERMANENT IMPACTS

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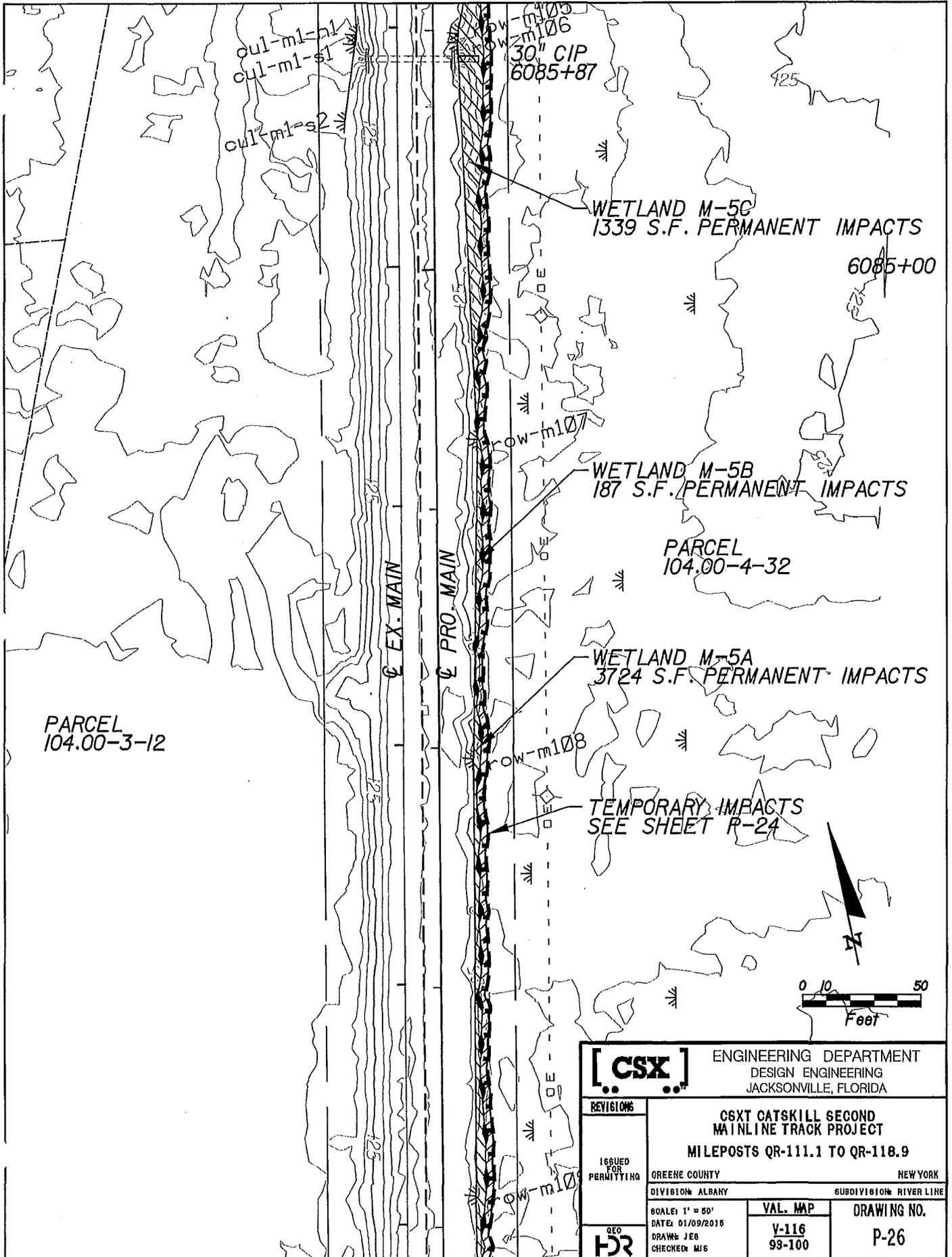
TEMPORARY IMPACTS  
SEE SHEET P-24

PARCEL  
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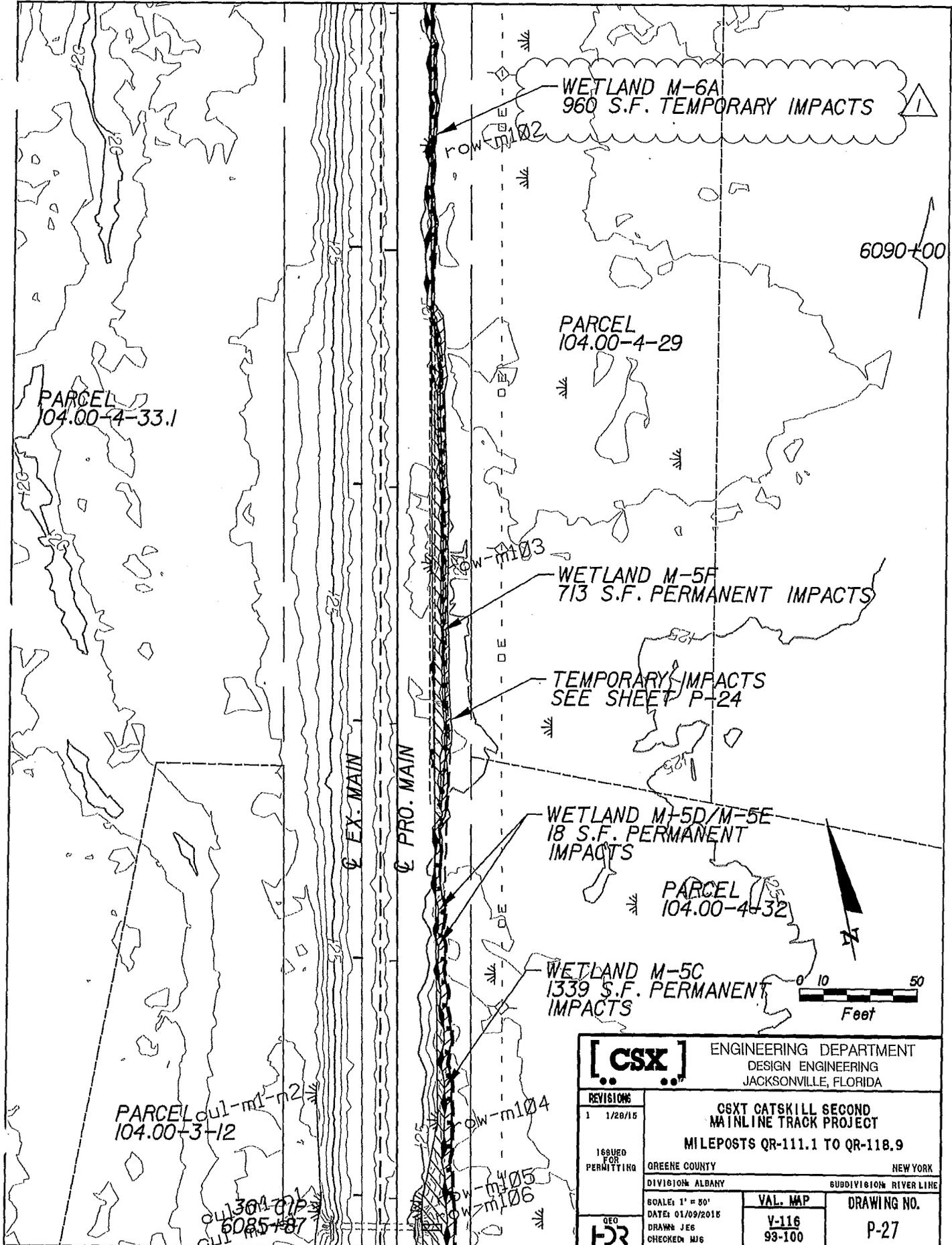
EX. MAIN  
PRO. MAIN



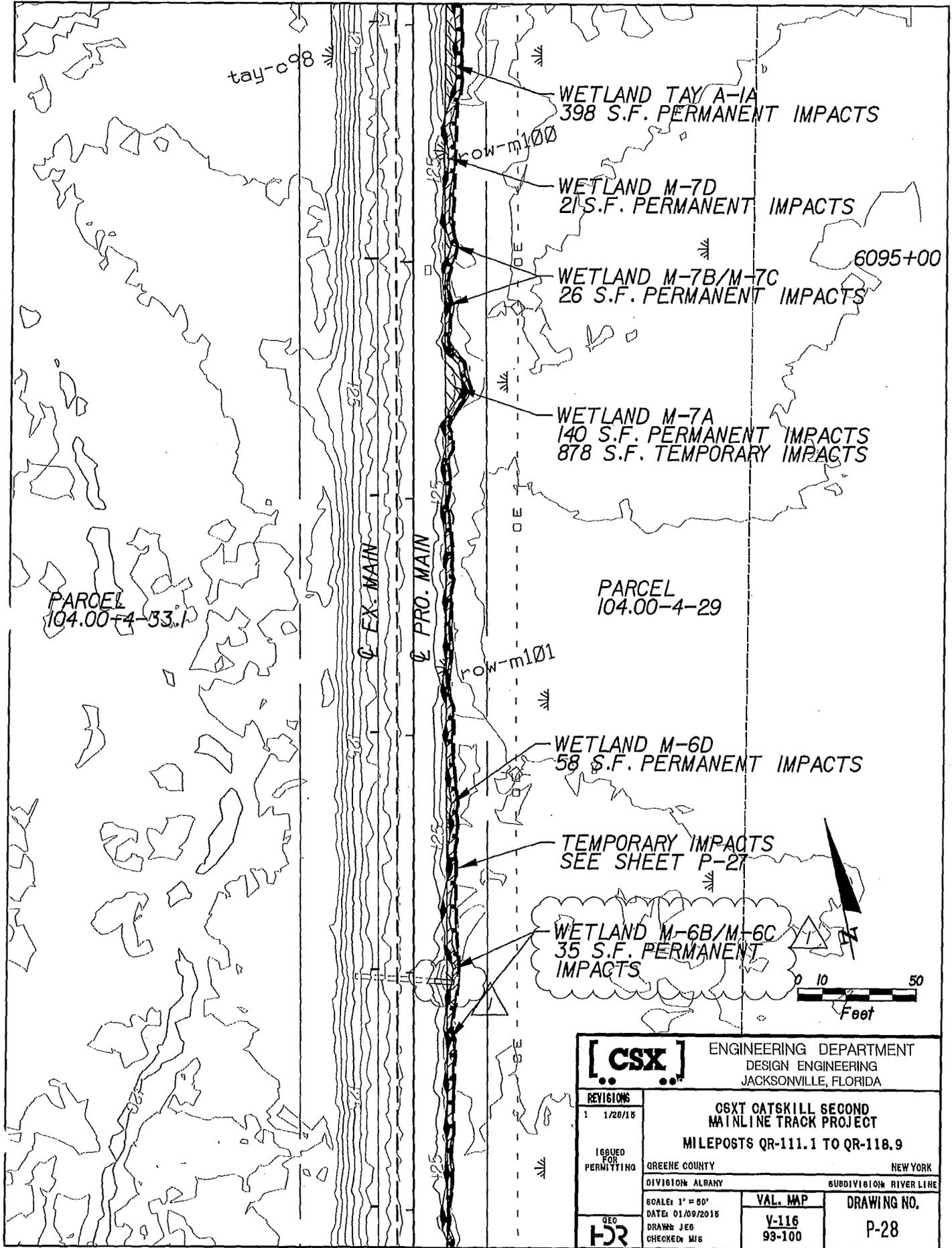
<b>[CSX]</b>		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
REVISIONS		CSXT CATSKILL SECOND MAINLINE TRACK PROJECT	
ISSUED FOR PERMITTING		MILEPOSTS QR-111.1 TO QR-118.9	
GEO		GREENE COUNTY	NEW YORK
HJR		DIVISION ALBANY	SUBDIVISION RIVER LINE
DATE: 01/09/2015		SCALE: 1" = 50'	VAL. MAP
DRAWN: JEG		Y-116	DRAWING NO.
CHECKED: MEG		93-100	P-25



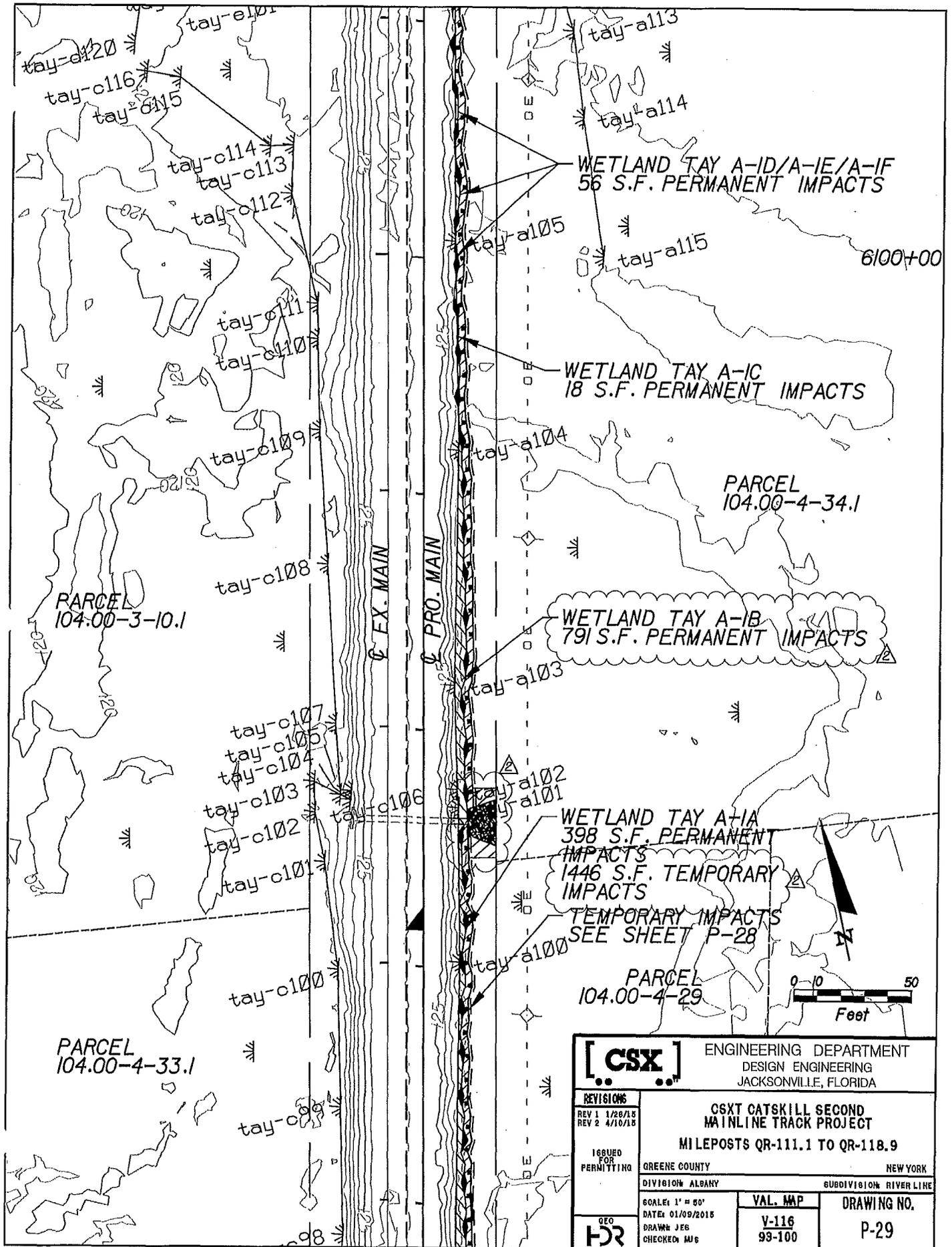
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		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
REVISIONS  ISSUED FOR PERMITTING	GREENE COUNTY DIVISION: ALBANY	NEW YORK SUBDIVISION: RIVER LINE	
GEO 	DATE: 01/09/2015 DRAWN: JEB CHECKED: M/G	VAL. MAP V-116 99-100	DRAWING NO. P-26



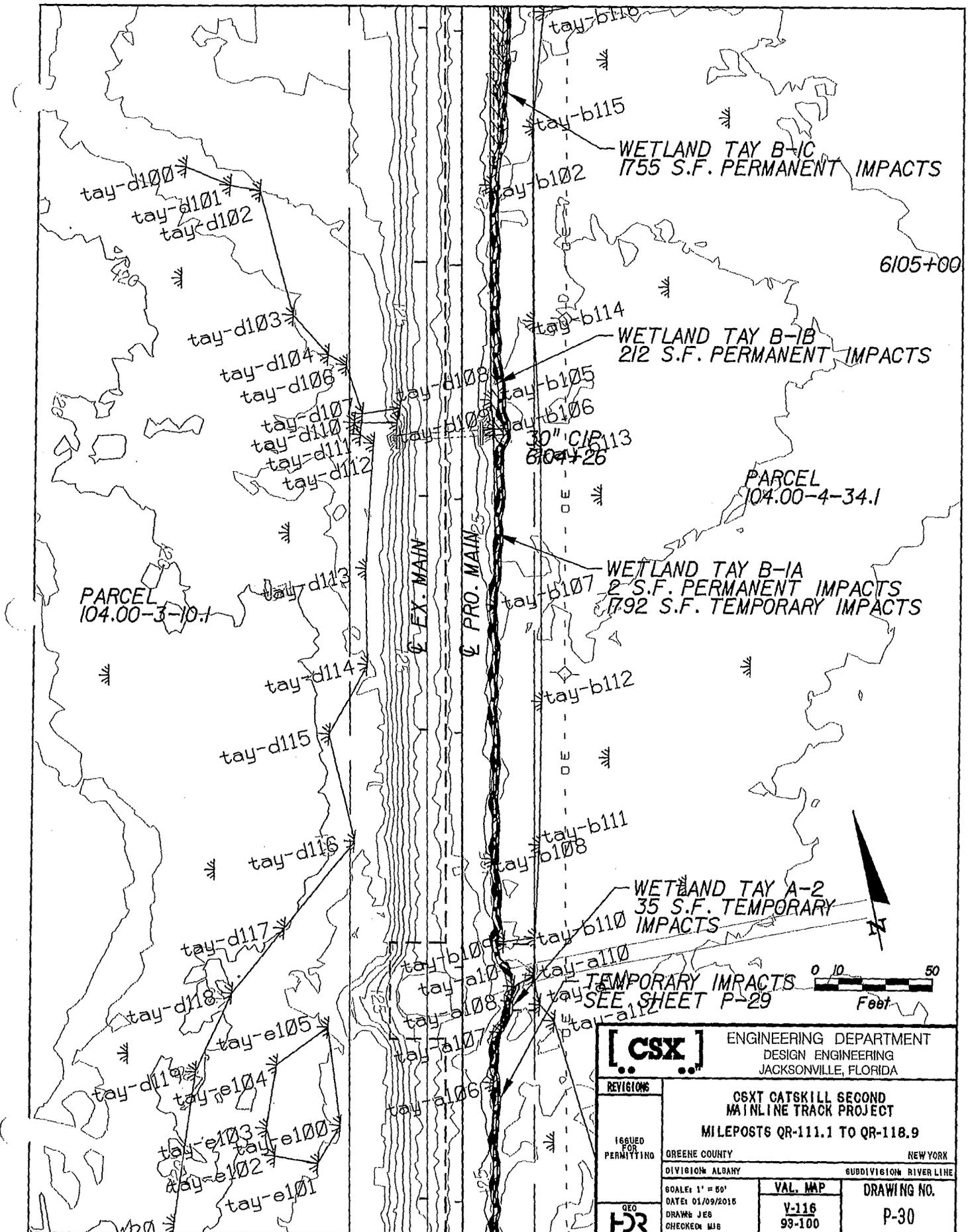
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		<b>CGXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> <b>MILEPOSTS QR-111.1 TO QR-118.9</b>	
<b>REVISIONS</b> 1 1/28/15	<b>ISSUED FOR PERMITTING</b>	GREENE COUNTY DIVISION ALBANY	NEW YORK SUBDIVISION RIVER LINE
<b>SCALE:</b> 1" = 50' DATE: 01/09/2015 DRAWN: JEC CHECKED: MJS	<b>VAL. MAP</b> V-116 93-100	<b>DRAWING NO.</b> P-27	



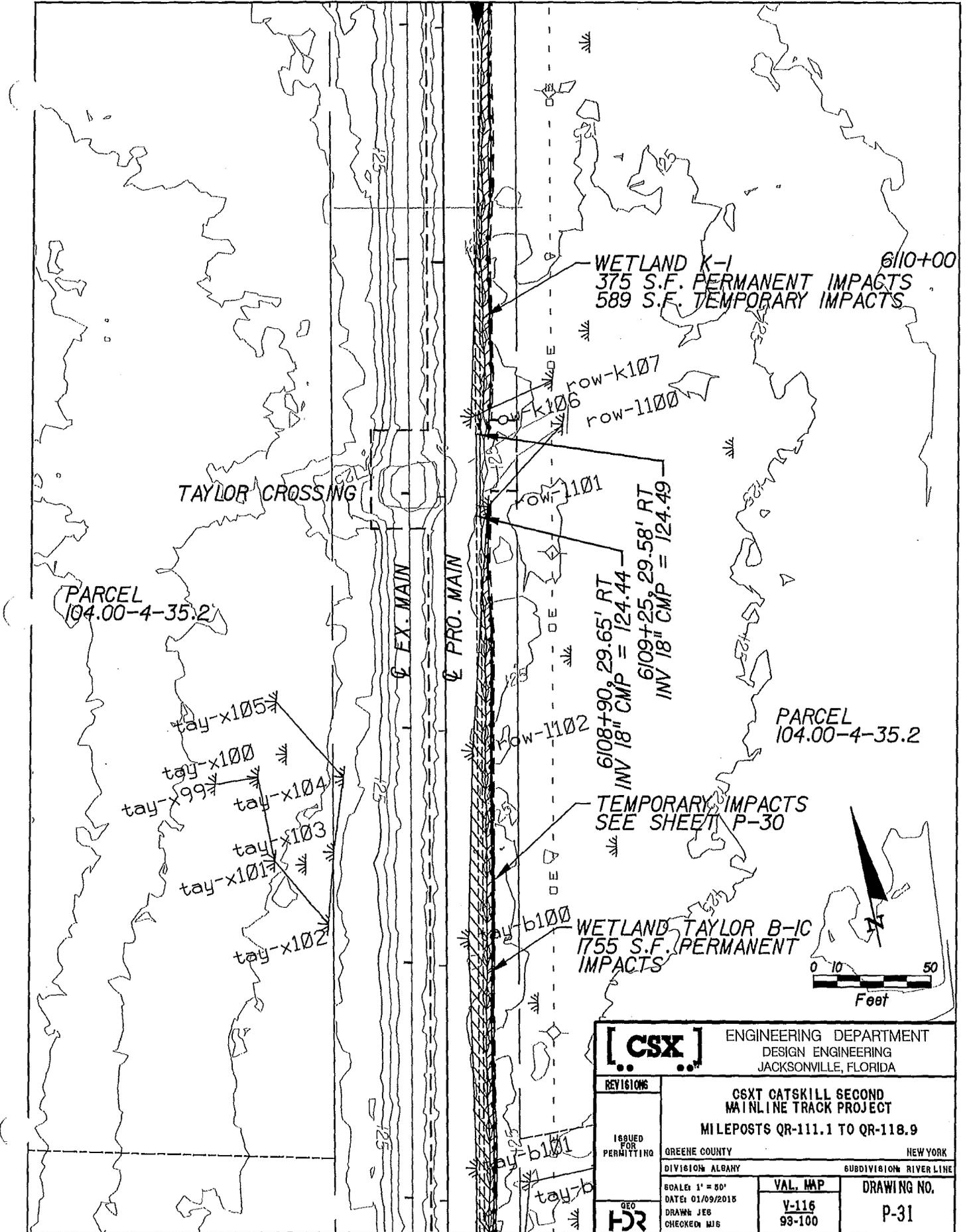
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		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
REVISIONS 1 1/28/15	ISSUED FOR PERMITTING	GREENE COUNTY DIVISION ALBANY	NEW YORK SUBDIVISION RIVER LINE
GEO 	SCALE: 1" = 50' DATE: 01/09/2015 DRAWN: JES CHECKED: MJS	VAL. MAP Y-116 93-100	DRAWING NO. P-28



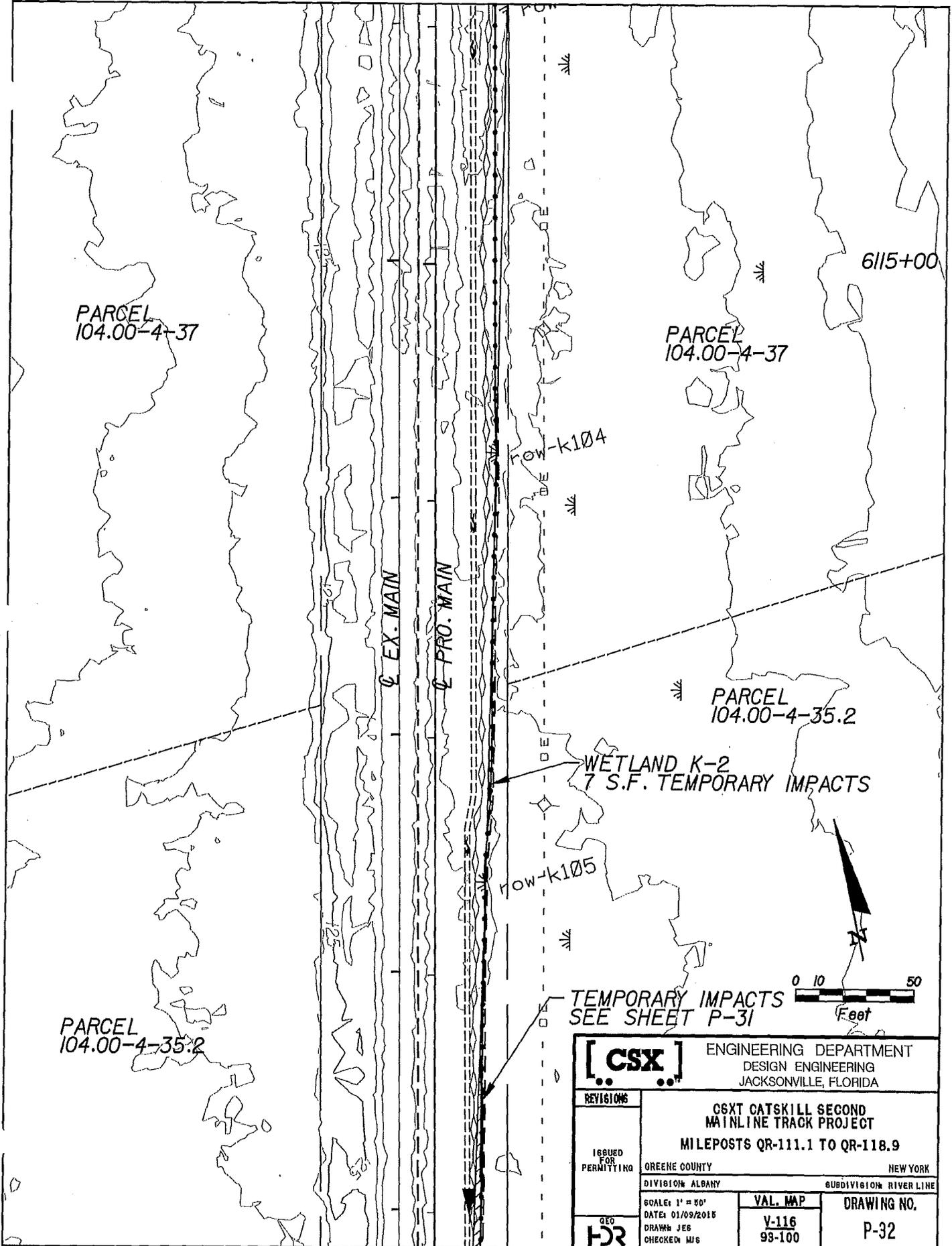
		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
REVISIONS REV 1 1/28/13 REV 2 4/10/13		ISSUED FOR PERMITTING GREENE COUNTY NEW YORK DIVISION ALBANY SUBDIVISION RIVER LINE	
GEO 		SCALE: 1" = 50' DATE: 01/09/2015 DRAWN: JEG CHECKED: MW6	VAL. MAP V-116 93-100
		DRAWING NO. P-29	



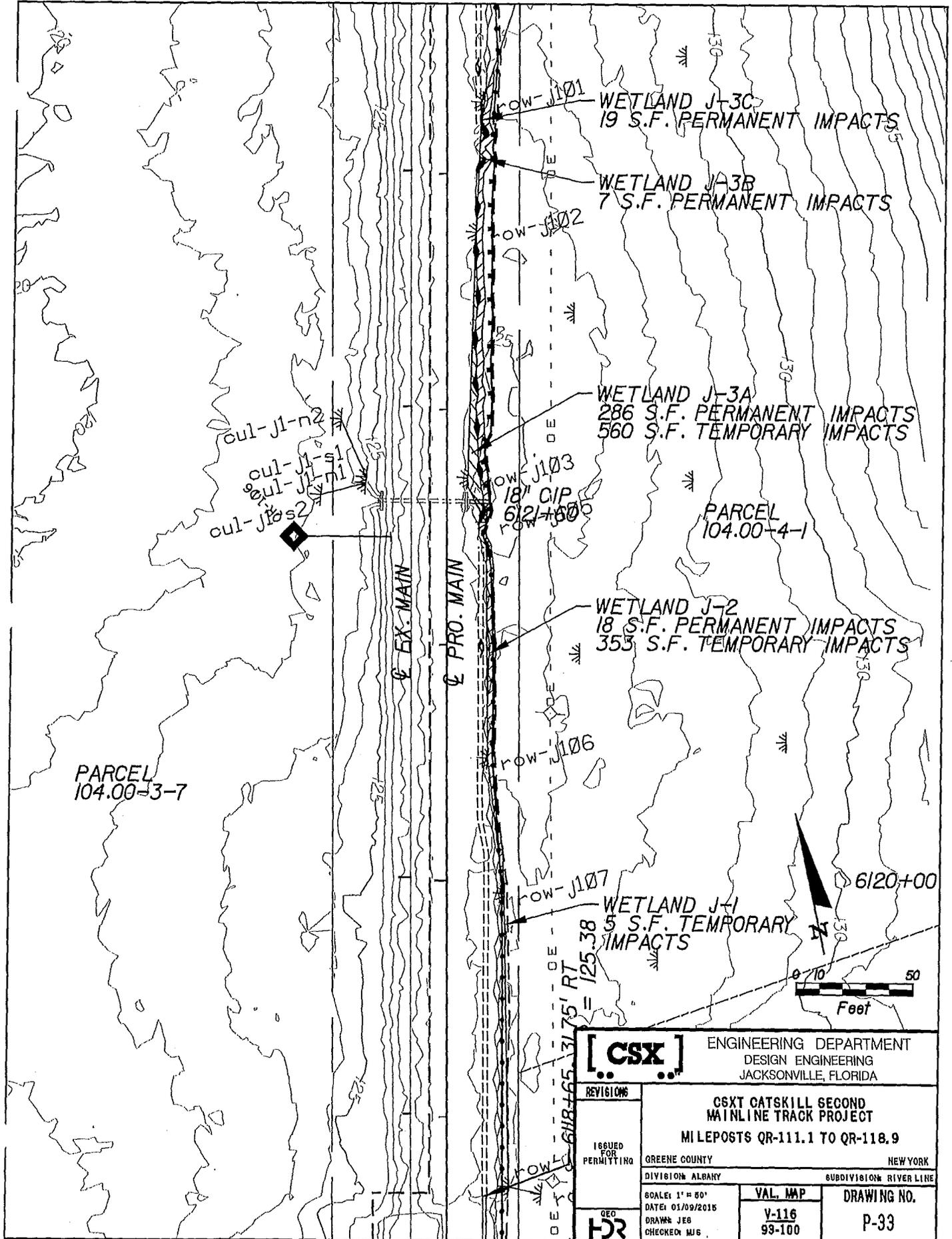
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		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
DIVISION ALBANY		SUBDIVISION RIVER LINE	
SCALE: 1" = 50'	DATE: 01/09/2015	VAL. MAP V-116 93-100	DRAWING NO. P-30
GEO 		DRAWN: JEB CHECKED: MJB	



		ENGINEERING DEPARTMENT	
		DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
<b>REVISIONS</b>		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> <b>MILEPOSTS QR-111.1 TO QR-118.9</b>	
<b>ISSUED FOR PERMITTING</b>	GREENE COUNTY	NEW YORK	
	DIVISION ALBANY	SUBDIVISION RIVER LINE	
<b>QEO</b> 	SCALE: 1" = 50'	<b>VAL. MAP</b>	<b>DRAWING NO.</b>
	DATE: 01/09/2015	Y-116	P-31
	DRAWN: JES	98-100	
	CHECKED: MJS		



		ENGINEERING DEPARTMENT	
		DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
REVISIONS	<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> <b>MILEPOSTS QR-111.1 TO QR-118.9</b>		
ISSUED FOR PERMITTING	GREENE COUNTY		NEW YORK
	DIVISION ALBANY		SUBDIVISION RIVER LINE
GEO FOR	SCALE: 1" = 50'	VAL. MAP	DRAWING NO.
	DATE: 01/09/2015	V-116	P-32
	DRAWN: JES	93-100	
	CHECKED: MJS		



WETLAND J-3C  
19 S.F. PERMANENT IMPACTS

WETLAND J-3B  
7 S.F. PERMANENT IMPACTS

WETLAND J-3A  
286 S.F. PERMANENT IMPACTS  
560 S.F. TEMPORARY IMPACTS

WETLAND J-2  
18 S.F. PERMANENT IMPACTS  
353 S.F. TEMPORARY IMPACTS

WETLAND J-1  
5 S.F. TEMPORARY IMPACTS

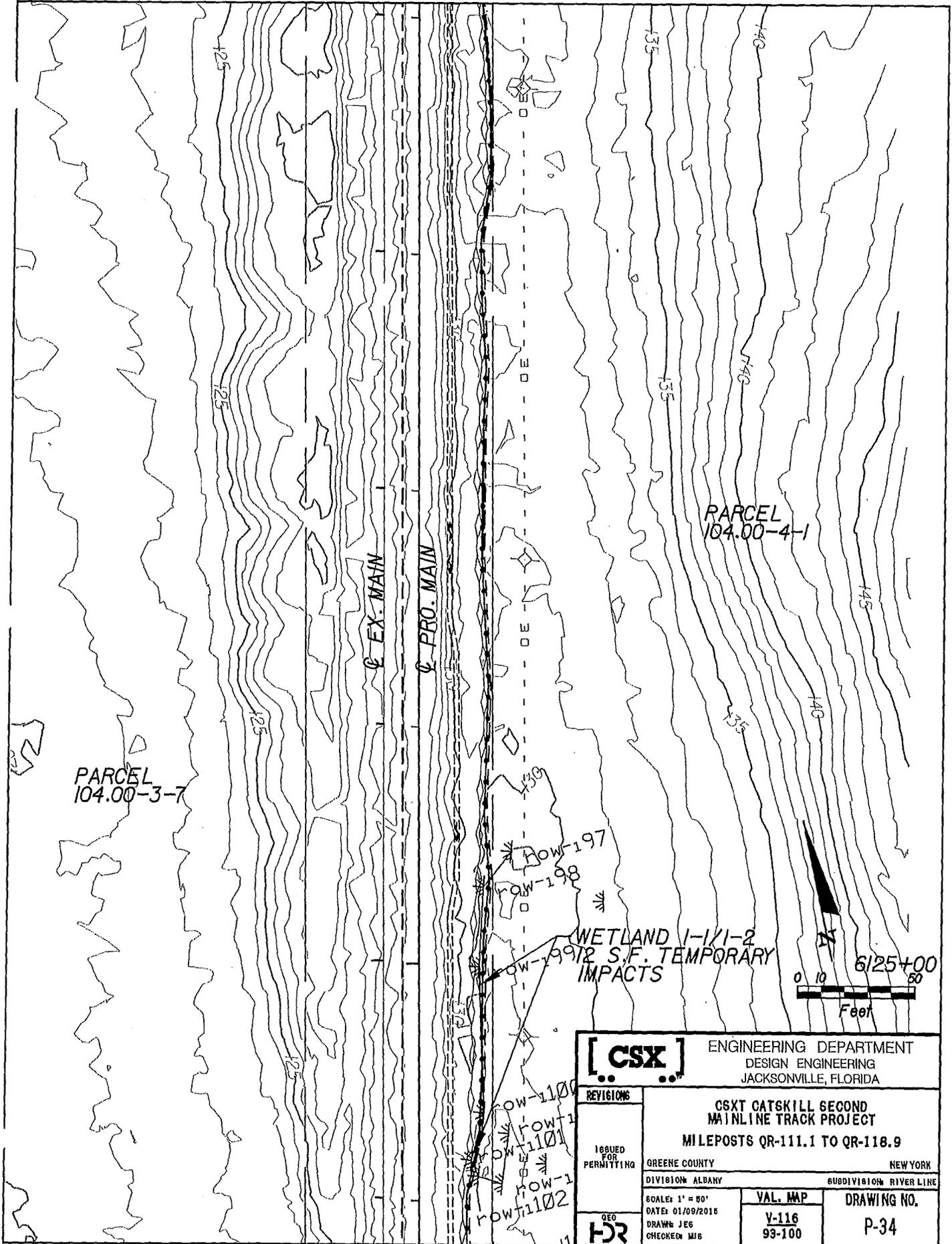
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PARCEL  
104.00-4-1

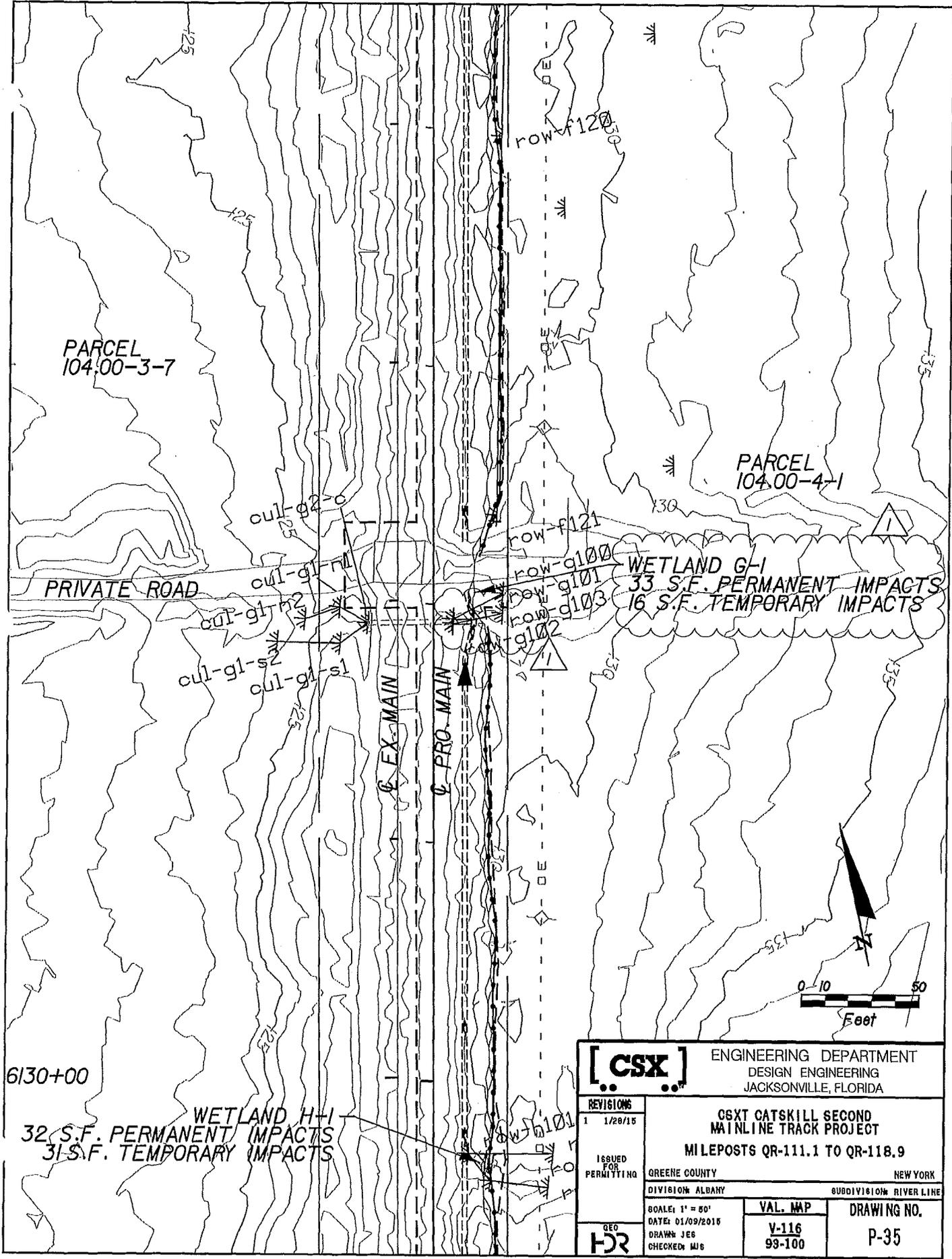
6/20+00



		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
DEO	DIVISION: ALBANY	SUBDIVISION: RIVER LINE	
	SCALE: 1" = 80'	VAL. MAP	DRAWING NO.
	DATE: 01/09/2015	V-116	P-33
	DRAWN: JEG	93-100	
	CHECKED: MJG		



		ENGINEERING DEPARTMENT	
		DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
<b>REVISIONS</b>		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> <b>MILEPOSTS QR-111.1 TO QR-118.9</b>	
<b>ISSUED FOR PERMITTING</b>		GREENE COUNTY	NEW YORK
<b>QEO</b>		DIVISION ALBANY	SUBDIVISION RIVER LINE
<b>FOR</b>		SCALE: 1" = 80' DATE: 01/09/2016 DRAWN: JEG CHECKED: MJB	<b>VAL. MAP</b> V-116 99-100
		<b>DRAWING NO.</b> P-34	

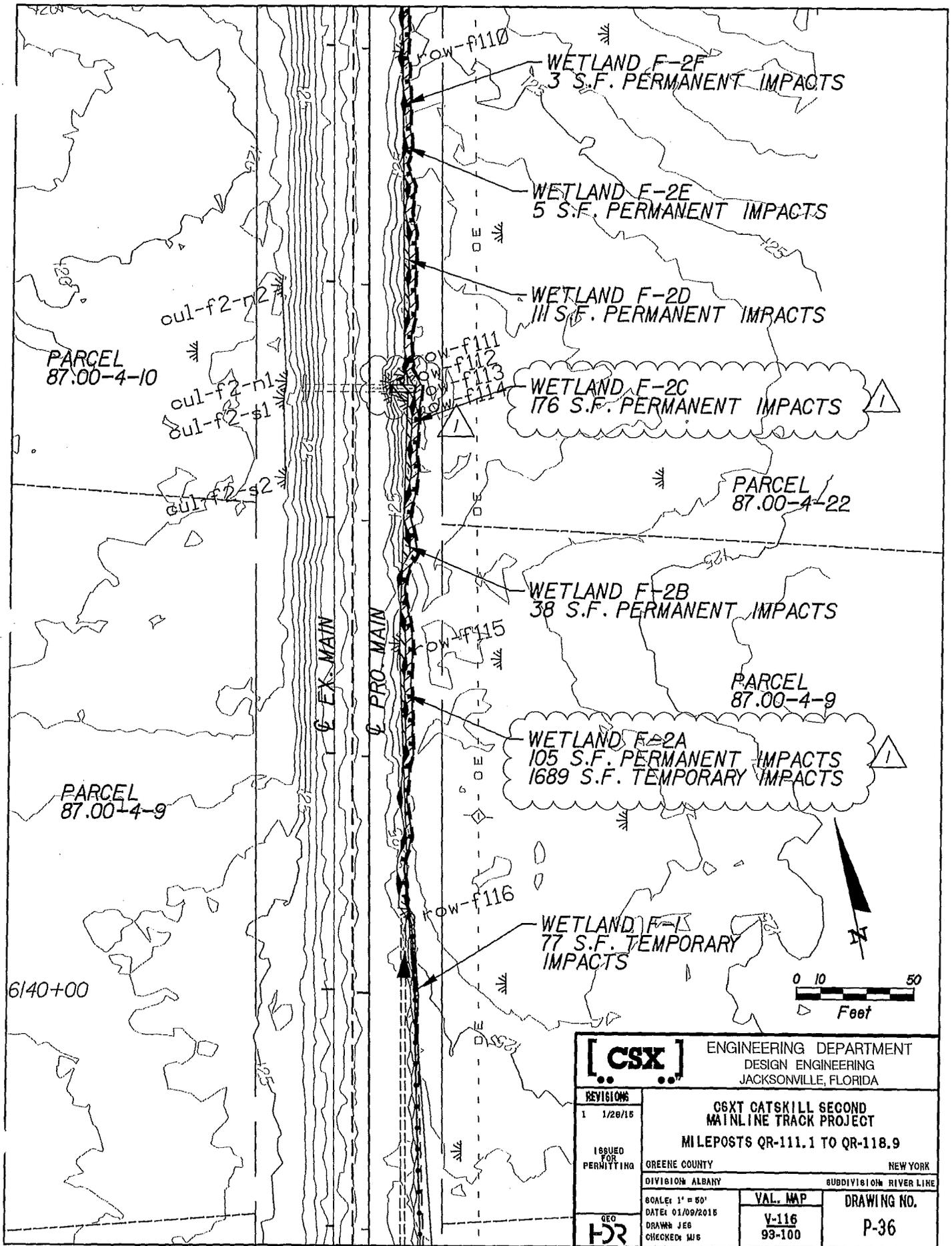


6130+00

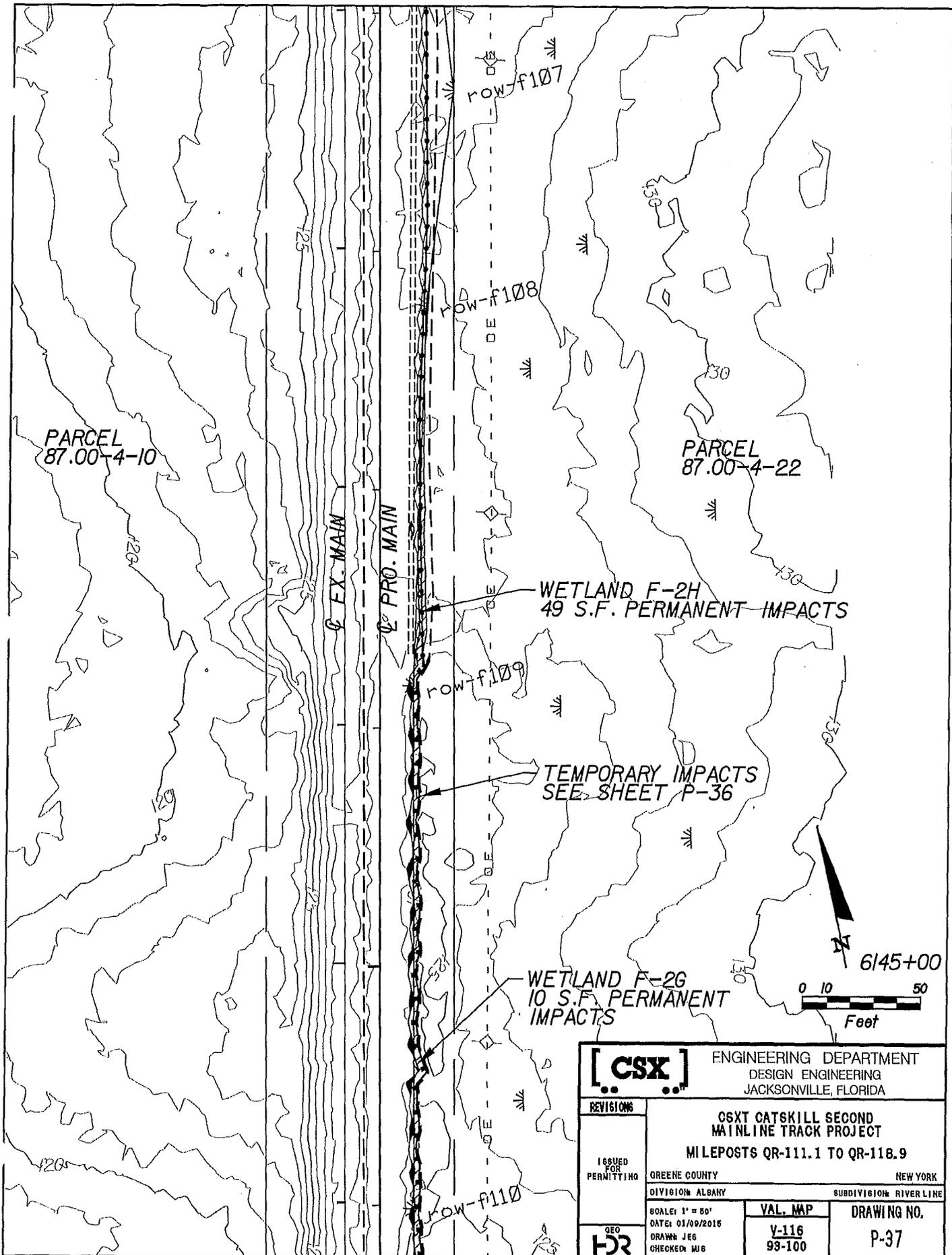
WETLAND H-1  
 32 S.F. PERMANENT IMPACTS  
 31 S.F. TEMPORARY IMPACTS

WETLAND G-1  
 33 S.F. PERMANENT IMPACTS  
 16 S.F. TEMPORARY IMPACTS

		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		GSXT CATSKILL SECOND MAINLINE TRACK PROJECT MILEPOSTS QR-111.1 TO QR-118.9	
REVISIONS 1 1/20/15		GREENE COUNTY NEW YORK DIVISION ALBANY SUBDIVISION RIVER LINE	
ISSUED FOR PERMITTING		SCALE: 1" = 50' DATE: 01/09/2015 DRAWN: JES CHECKED: MJS	VAL. M.P. V-116 99-100
GEO 		DRAWING NO. P-35	



		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CGXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
REVISIONS 1 1/28/16	ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK
		DIVISION ALBANY	SUBDIVISION RIVER LINE
SCALE: 1" = 50' DATE: 01/09/2016 DRAWN: JEG CHECKED: JWS		VAL. MAP V-116 93-100	DRAWING NO. P-36

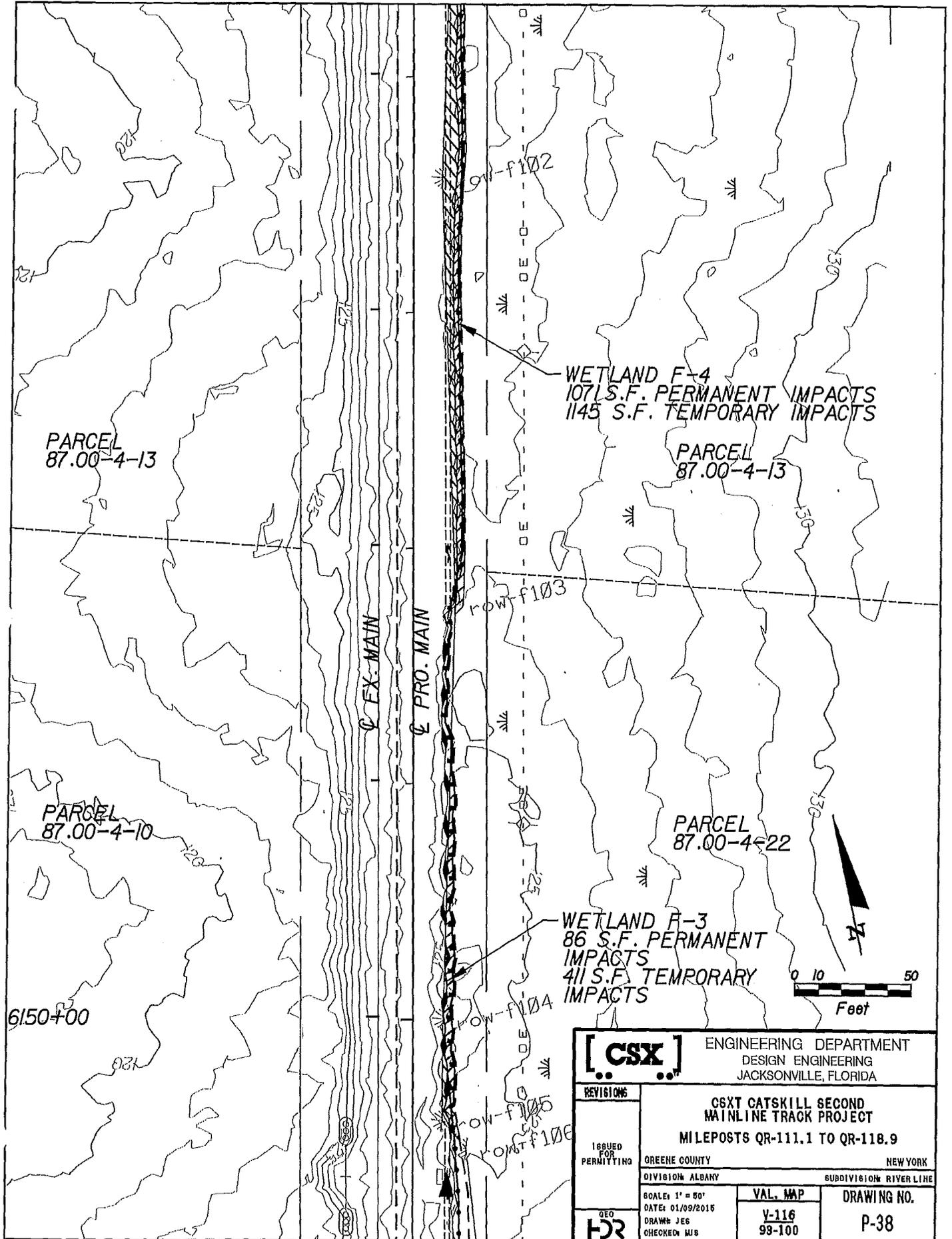


WETLAND F-2H  
49 S.F. PERMANENT IMPACTS

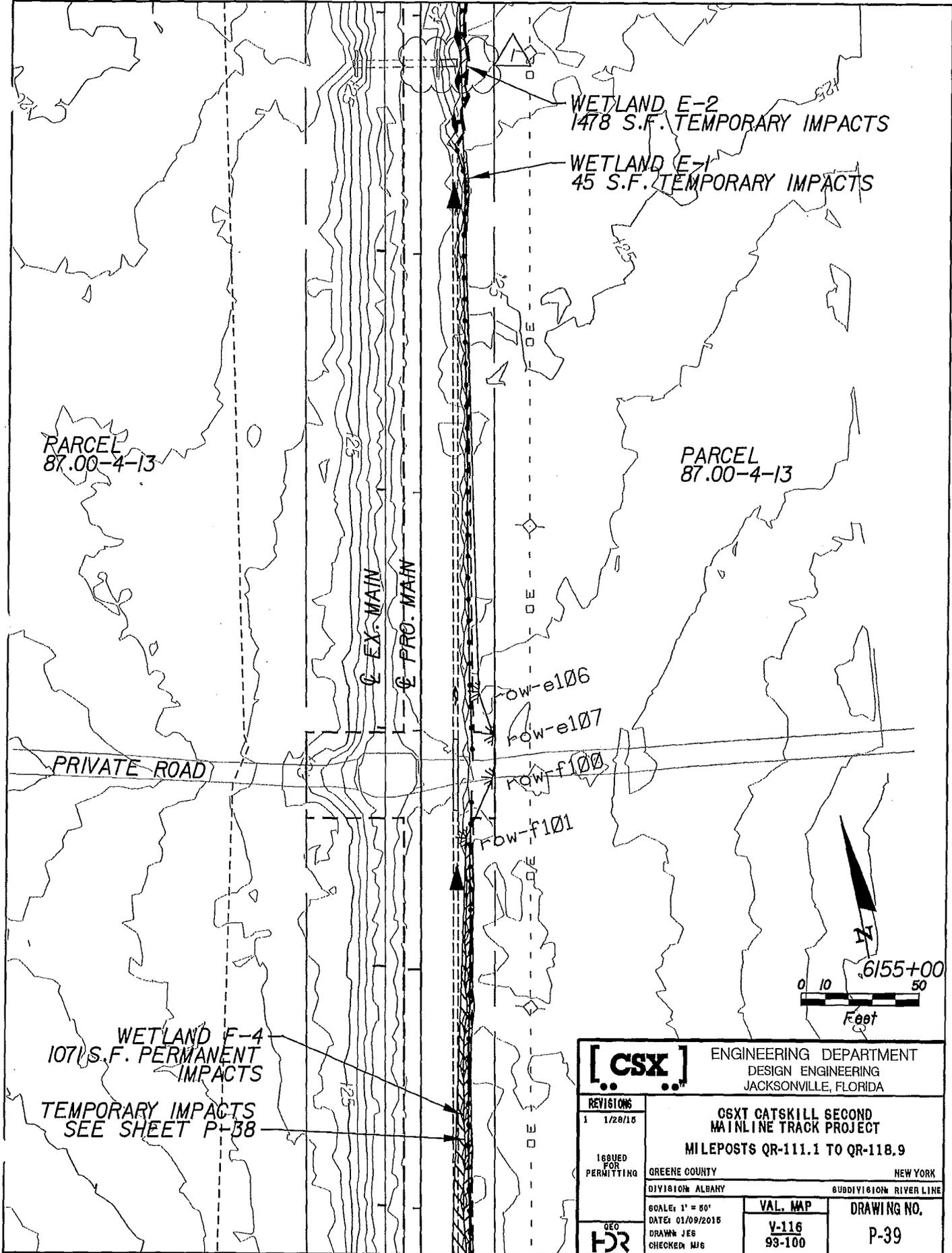
TEMPORARY IMPACTS  
SEE SHEET P-36

WETLAND F-2G  
10 S.F. PERMANENT  
IMPACTS

		ENGINEERING DEPARTMENT	
		DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
REVISIONS  ISSUED FOR PERMITTING  GEO 	<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MI LEPOSTS QR-111.1 TO QR-118.9		
	GREENE COUNTY		NEW YORK
	DIVISION ALBANY		SUBDIVISION RIVER LINE
SCALE: 1" = 50' DATE: 01/09/2015 DRAWN: JES CHECKED: MJB		VAL. MAP V-116 99-100	DRAWING NO. P-37



		ENGINEERING DEPARTMENT	
		DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
<b>REVISIONS</b>		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> <b>MILEPOSTS QR-111.1 TO QR-118.9</b>	
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
	DIVISION ALBANY	SUBDIVISION RIVER LINE	
GEO FOR	SCALE: 1" = 50' DATE: 01/09/2016 DRAWN: JES CHECKED: MJS	VAL. MAP V-116 93-100	DRAWING NO. P-38



WETLAND E-2  
1478 S.F. TEMPORARY IMPACTS

WETLAND E-1  
45 S.F. TEMPORARY IMPACTS

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87.00-4-13

PARCEL  
87.00-4-13

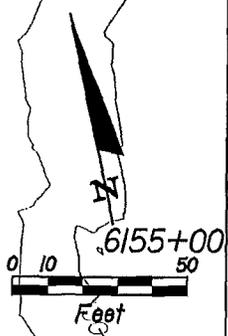
PRIVATE ROAD

EX-MAIN  
PRO-MAIN

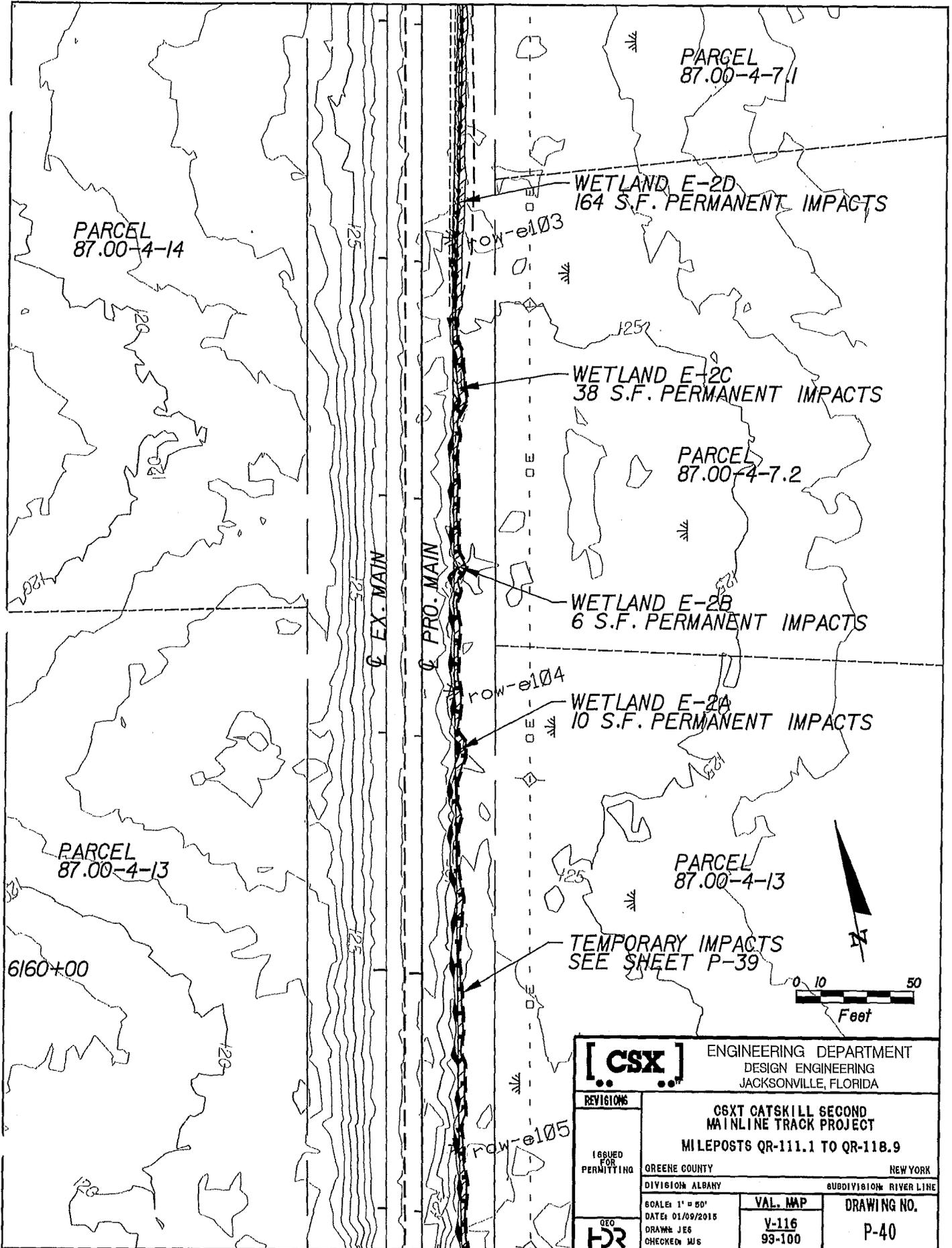
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ow-e107  
ow-f100  
ow-f101

WETLAND F-4  
107 S.F. PERMANENT  
IMPACTS

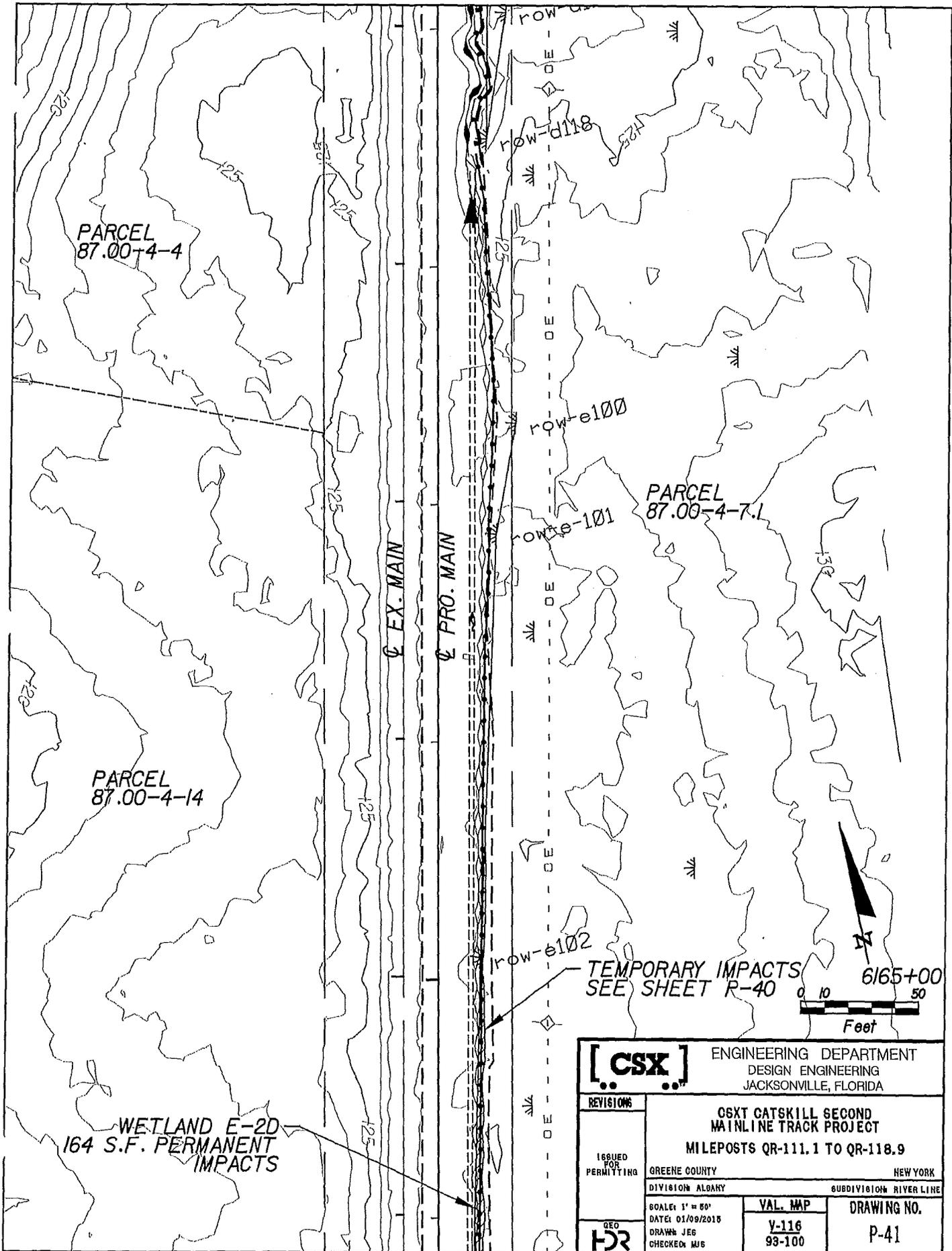
TEMPORARY IMPACTS  
SEE SHEET P-38



		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>ISSUED FOR PERMITTING</b> 1 1/28/15 GREENE COUNTY NEW YORK DIVISION ALBANY SUBDIVISION RIVER LINE	
SCALE: 1" = 50' DATE: 01/09/2015 DRAWN: JES CHECKED: MJG		VAL. MAP <b>V-116</b> 93-100	DRAWING NO. <b>P-39</b>



		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
REVISIONS  ISSUED FOR PERMITTING  GEO FOR	GREENE COUNTY DIVISION ALBANY GOALES 1" = 50' DATE: 01/09/2015 DRAWN: JES CHECKED: JWS	NEW YORK SUBDIVISION RIVER LINE VAL. MAP V-116 93-100	DRAWING NO. P-40



PARCEL  
87.00-4-4

PARCEL  
87.00-4-14

PARCEL  
87.00-4-7.1

EX. MAIN

PRO. MAIN

row-d118

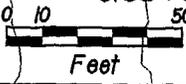
row-e100

row-e101

row-e102

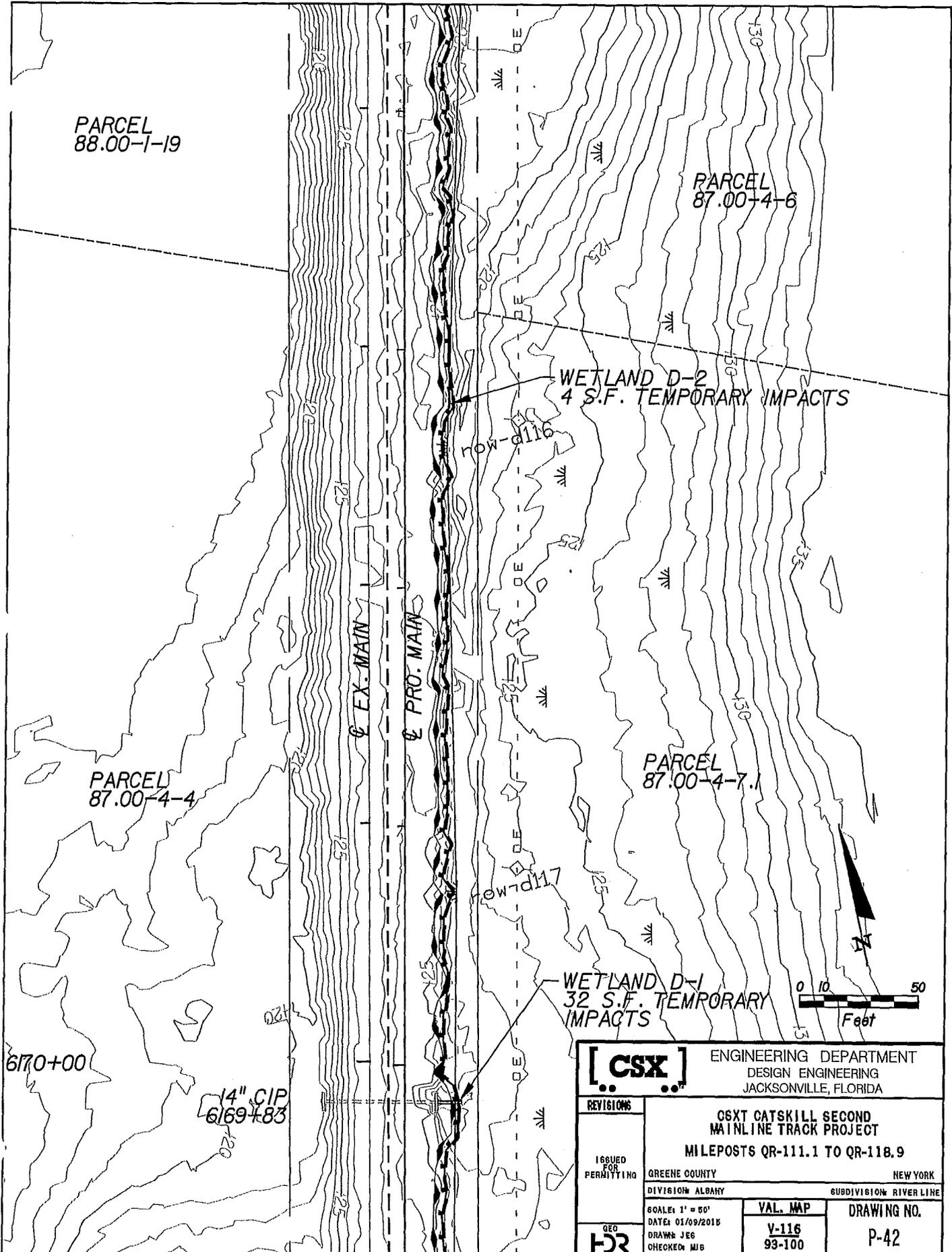
TEMPORARY IMPACTS  
SEE SHEET R-40

6165+00

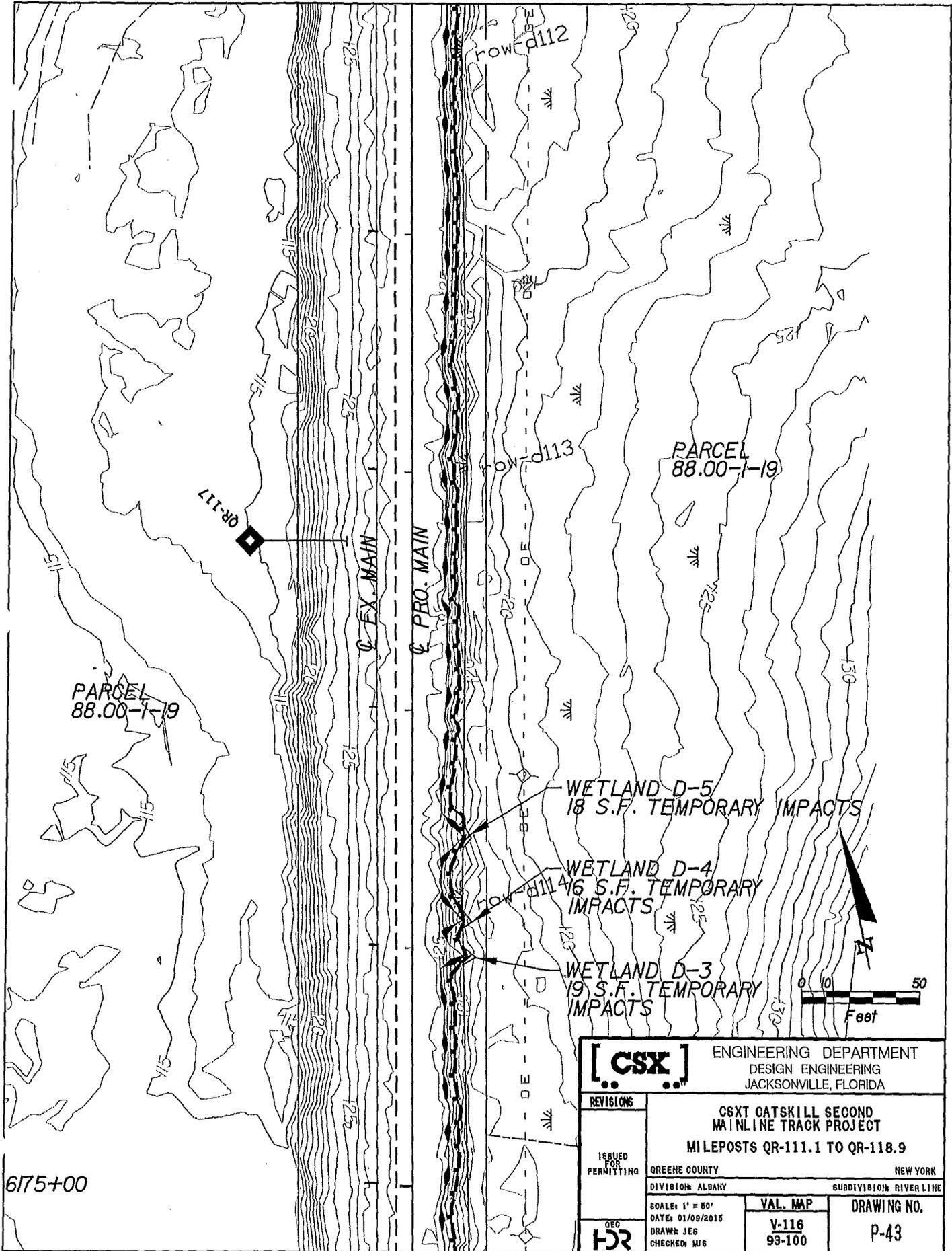


WETLAND E-2D  
164 S.F. PERMANENT  
IMPACTS

		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
REVISIONS		CSXT CATSKILL SECOND MAINLINE TRACK PROJECT MILEPOSTS QR-111.1 TO QR-118.9	
ISSUED FOR PERMITTING		GREENE COUNTY	NEW YORK
		DIVISION ALBANY	SUBDIVISION RIVER LINE
GEO 		SCALE: 1" = 50' DATE: 01/09/2015 DRAWN: JEG CHECKED: MJS	VAL. MAP Y-116 93-100
		DRAWING NO. P-41	

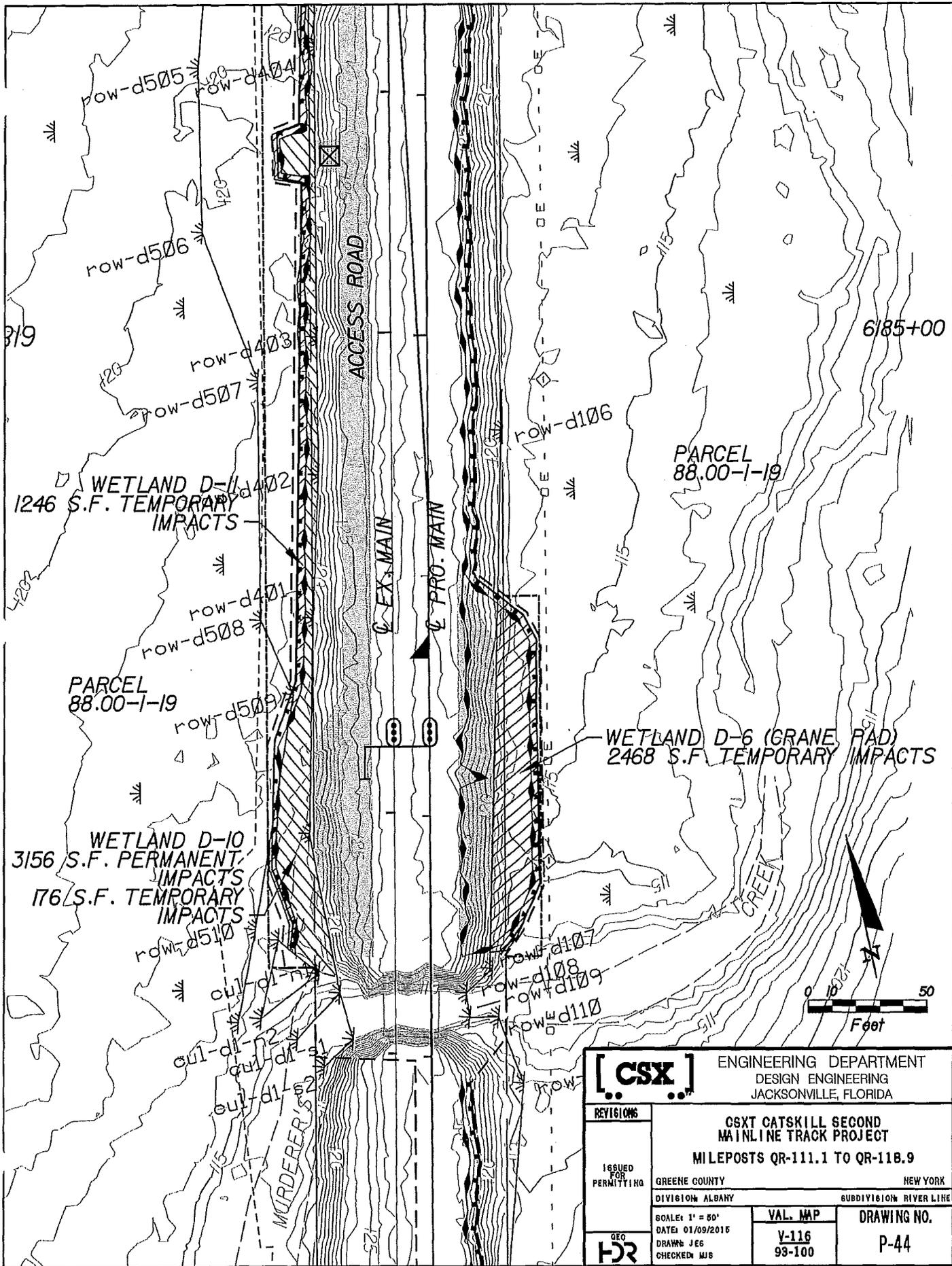


		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
REVISIONS  ISSUED FOR PERMITTING		GREENE COUNTY DIVISION ALBANY	NEW YORK SUBDIVISION RIVER LINE
SCALE: 1" = 50' DATE: 01/09/2015 DRAWN: JEG CHECKED: MIB		VAL. MAP V-116 93-100	DRAWING NO. P-42

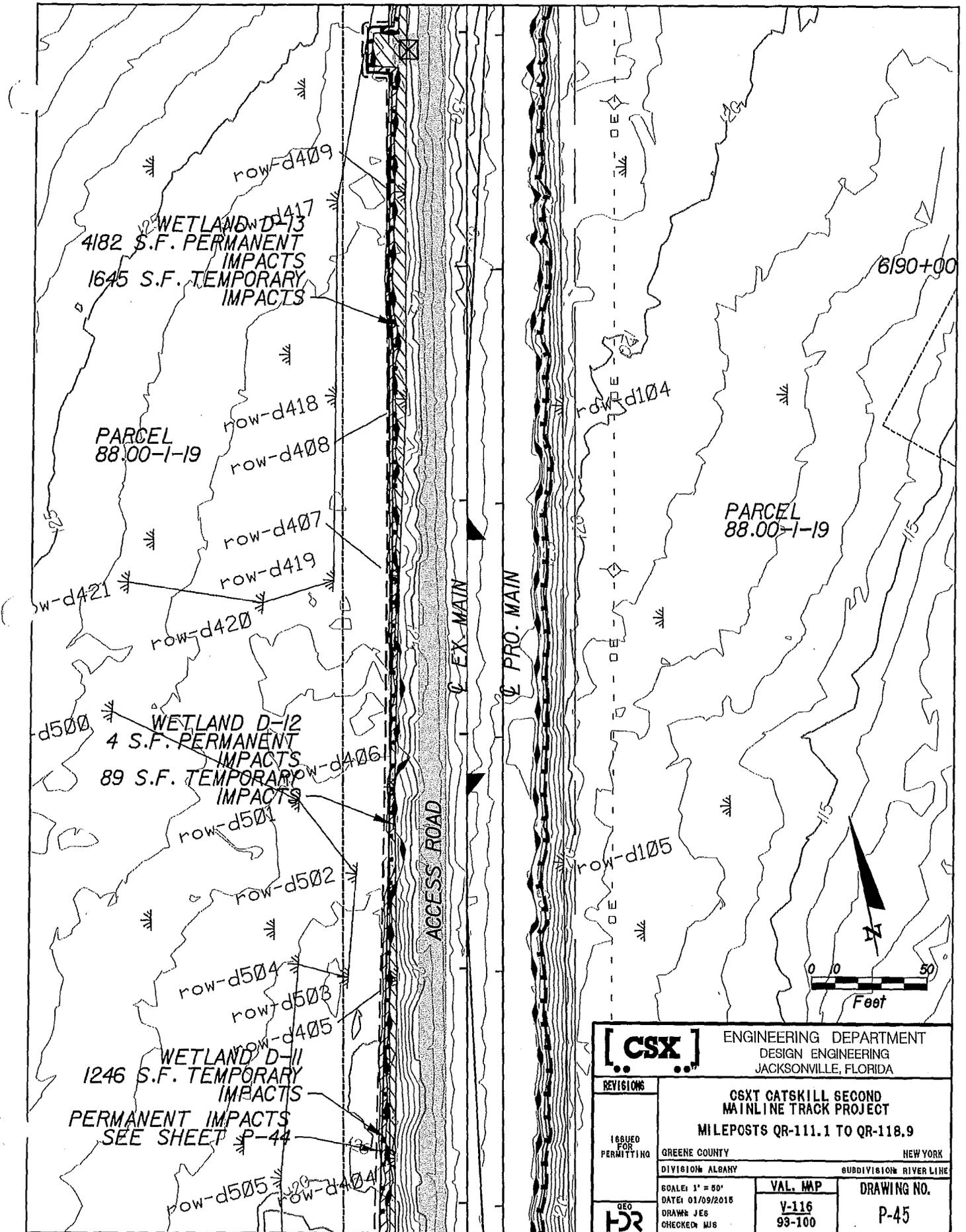


675+00

		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>ISSUED FOR PERMITTING</b> CSXT GATSKILL SECOND MAINLINE TRACK PROJECT MILEPOSTS QR-111.1 TO QR-118.9 GREENE COUNTY NEW YORK DIVISION: ALBANY SUBDIVISION: RIVER LINE	
	SCALE: 1" = 50'	VAL. MAP	DRAWING NO.
	DATE: 01/09/2015	V-116	P-43
	DRAWN: JEG	99-100	
	CHECKED: MJS		



		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
	DIVISION ALBANY	SUBDIVISION RIVER LINE	
SCALE: 1" = 50'	DATE: 01/09/2015	VAL. MAP	DRAWING NO.
DRAWN: JEG	CHECKED: MJB	V-116 93-100	P-44



WETLAND D-13  
 4182 S.F. PERMANENT IMPACTS  
 1645 S.F. TEMPORARY IMPACTS

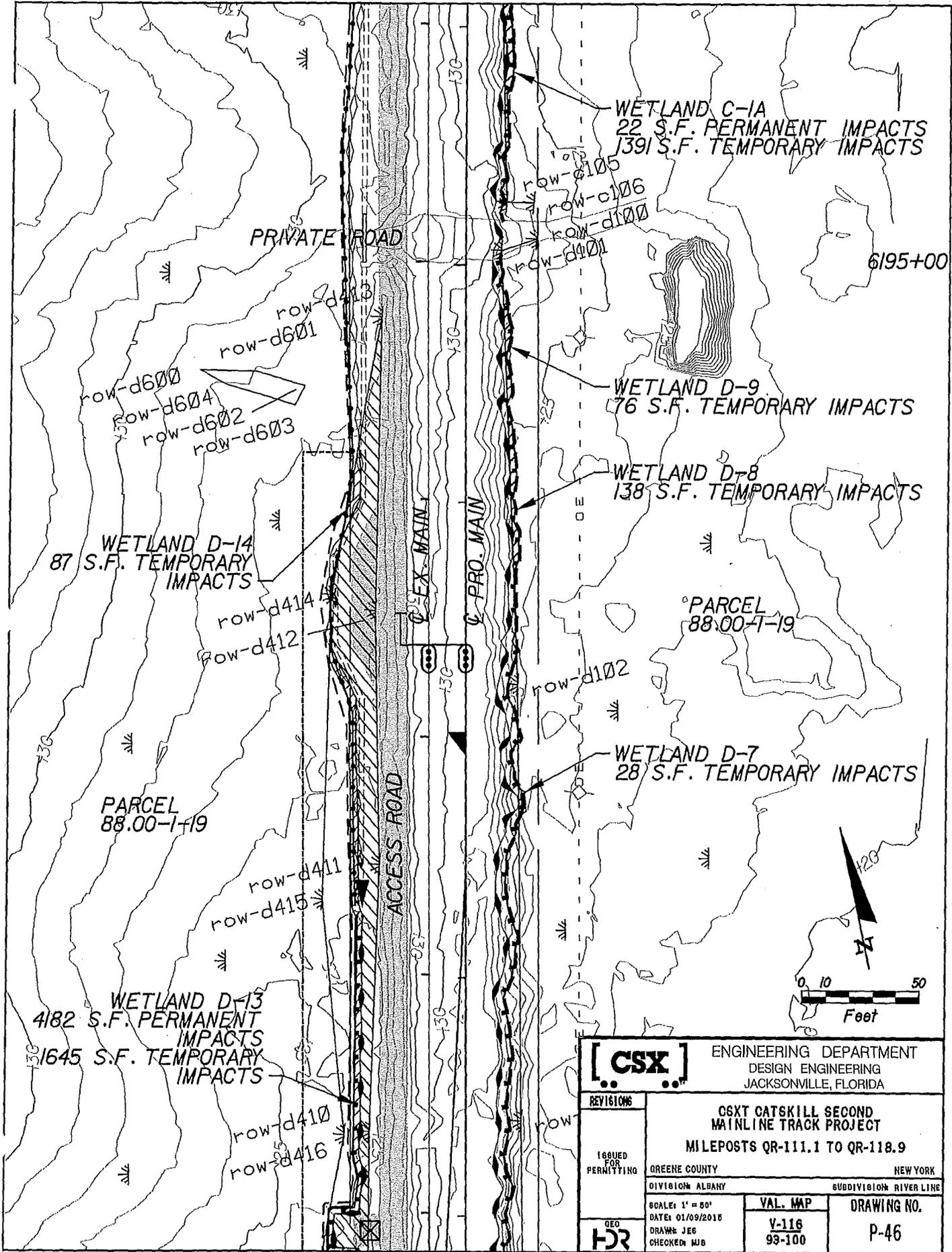
PARCEL 88.00-1-19

PARCEL 88.00-1-19

WETLAND D-12  
 4 S.F. PERMANENT IMPACTS  
 89 S.F. TEMPORARY IMPACTS

WETLAND D-11  
 1246 S.F. TEMPORARY IMPACTS  
 PERMANENT IMPACTS SEE SHEET P-44

		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		CSXT CATSKILL SECOND MAINLINE TRACK PROJECT MILEPOSTS QR-111.1 TO QR-118.9	
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
GEO	DIVISION ALBANY	SUBDIVISION RIVER LINE	VAL. MAP
DATE: 01/09/2015 DRAWN: JES CHECKED: MJS	SCALE: 1" = 50'	V-116 93-100	DRAWING NO. P-45



WETLAND C-1A  
 22 S.F. PERMANENT IMPACTS  
 1391 S.F. TEMPORARY IMPACTS

WETLAND D-9  
 76 S.F. TEMPORARY IMPACTS

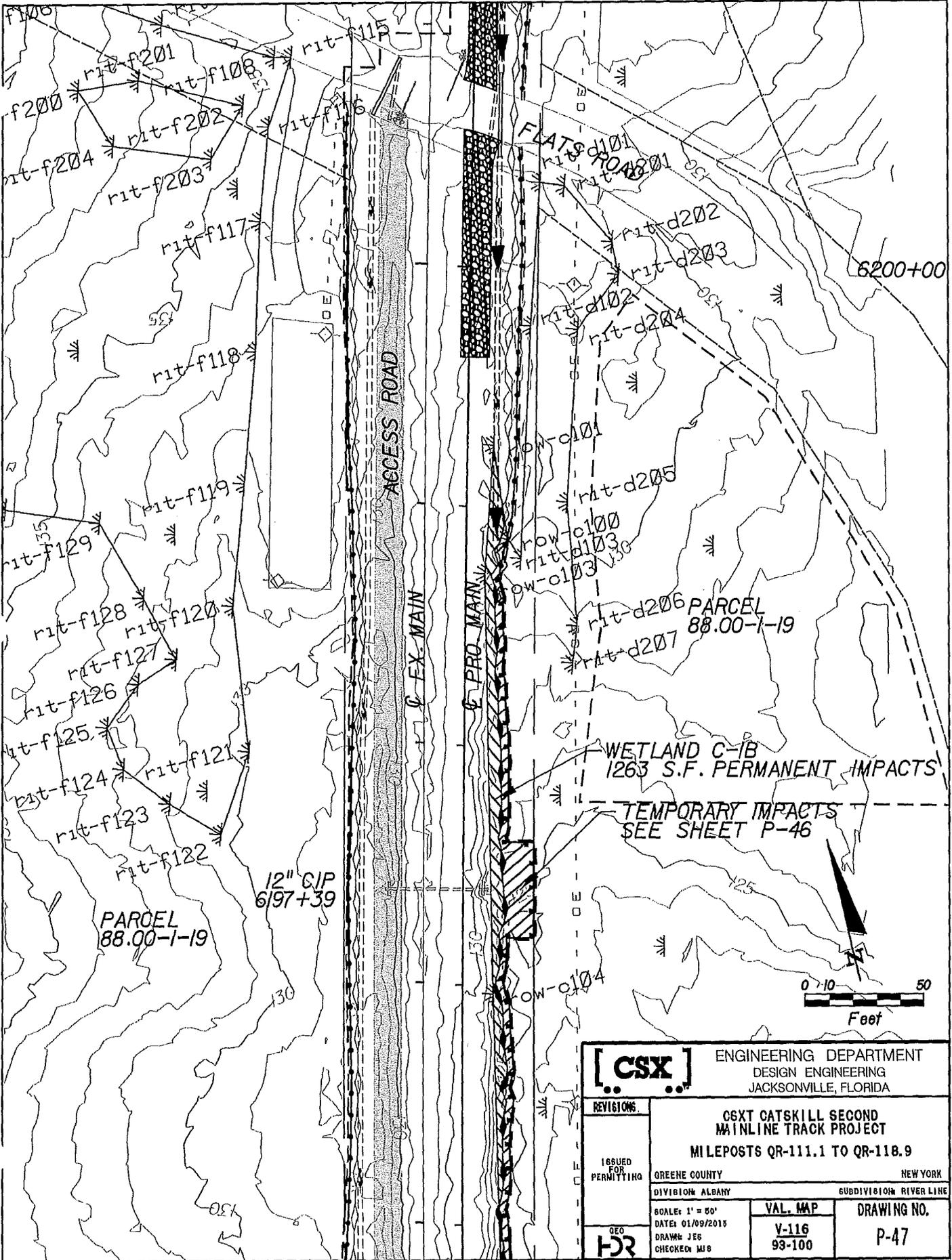
WETLAND D-8  
 138 S.F. TEMPORARY IMPACTS

WETLAND D-14  
 87 S.F. TEMPORARY IMPACTS

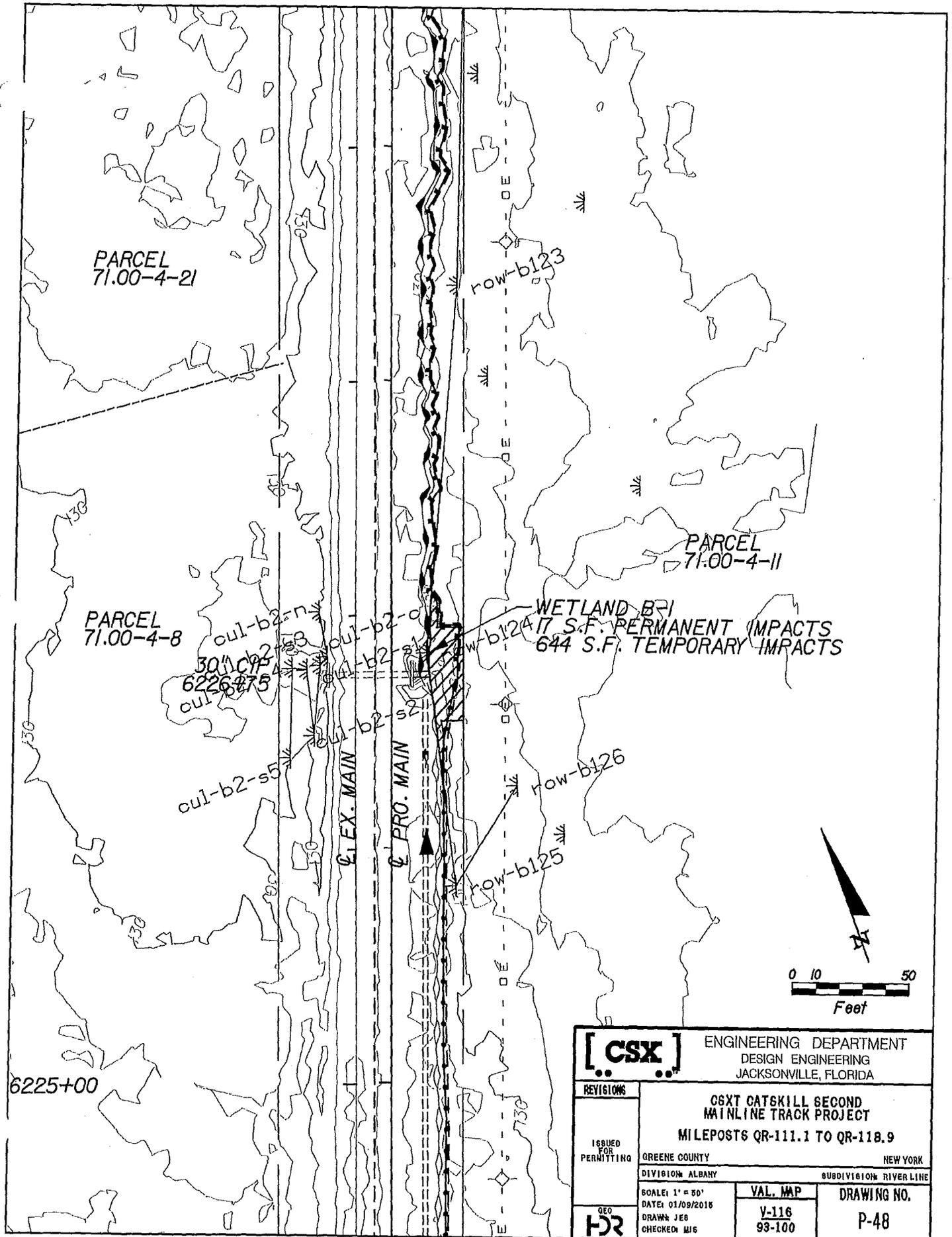
WETLAND D-7  
 28 S.F. TEMPORARY IMPACTS

WETLAND D-13  
 4182 S.F. PERMANENT IMPACTS  
 1645 S.F. TEMPORARY IMPACTS

		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		CSX CATSKILL SECOND MAINLINE TRACK PROJECT MILEPOSTS QR-111.1 TO QR-118.9	
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
DATE: 01/09/2010	DIVISION: ALBANY	SUBDIVISION: RIVER LINE	
SCALE: 1" = 50'	VAL. MAP	DRAWING NO.	
DRAWN: JEG	V-116	P-46	
CHECKED: MJB	93-100		



		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
	DIVISION ALBANY	SUBDIVISION RIVER LINE	
GEO 	SCALE: 1" = 50'	VAL. MAP	DRAWING NO.
	DATE: 01/09/2015	V-116	P-47
	DRAWN: JEG	93-100	
	CHECKED: MJB		



PARCEL  
71.00-4-21

row-b123

PARCEL  
71.00-4-11

PARCEL  
71.00-4-8

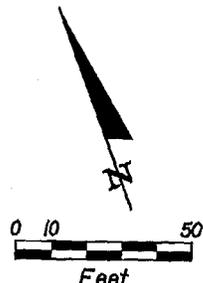
WETLAND BRI  
17 S.F. PERMANENT IMPACTS  
644 S.F. TEMPORARY IMPACTS

cul-b2-n  
cul-b2-o  
cul-b2-s5  
cul-b2-s6

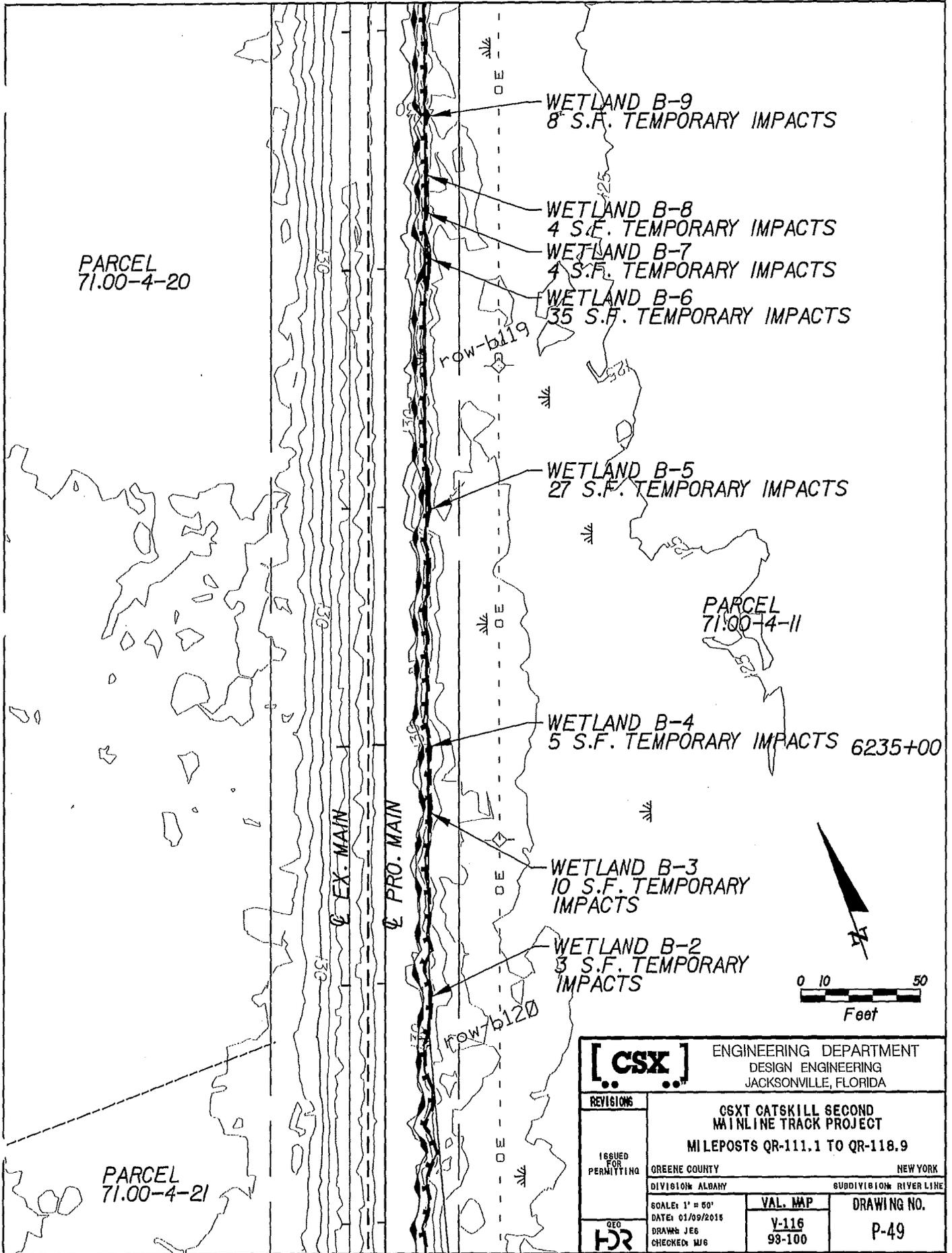
EX. MAIN  
PRO. MAIN

row-b125  
row-b126

6225+00



		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
	DIVISION ALBANY	SUBDIVISION RIVER LINE	
GEO 	SCALE: 1" = 50'	VAL. MAP V-116 93-100	DRAWING NO. P-48
	DATE: 01/09/2016 DRAWN: JEB CHECKED: MJS		



PARCEL  
71.00-4-20

PARCEL  
71.00-4-11

PARCEL  
71.00-4-21

WETLAND B-9  
8 S.F. TEMPORARY IMPACTS

WETLAND B-8  
4 S.F. TEMPORARY IMPACTS

WETLAND B-7  
4 S.F. TEMPORARY IMPACTS

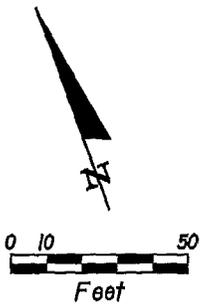
WETLAND B-6  
35 S.F. TEMPORARY IMPACTS

WETLAND B-5  
27 S.F. TEMPORARY IMPACTS

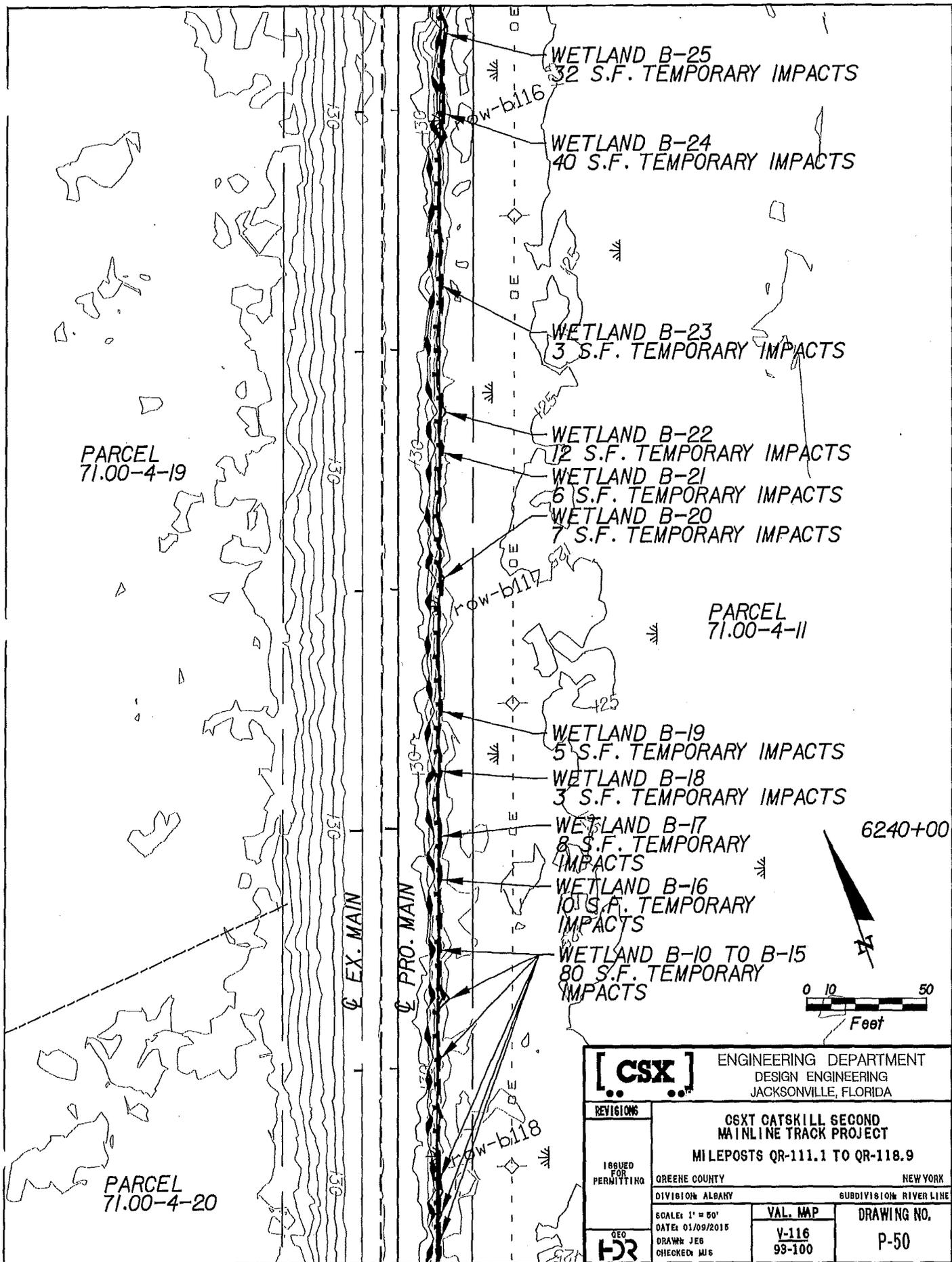
WETLAND B-4  
5 S.F. TEMPORARY IMPACTS 6235+00

WETLAND B-3  
10 S.F. TEMPORARY IMPACTS

WETLAND B-2  
3 S.F. TEMPORARY IMPACTS



		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
	DIVISION ALBANY	SUBDIVISION RIVER LINE	
SCALE: 1" = 50'	DATE: 01/09/2015	VAL. MP	DRAWING NO.
DRW: JEG	CHECKED: MJS	Y-116 98-100	P-49



WETLAND B-25  
32 S.F. TEMPORARY IMPACTS

WETLAND B-24  
40 S.F. TEMPORARY IMPACTS

WETLAND B-23  
3 S.F. TEMPORARY IMPACTS

WETLAND B-22  
12 S.F. TEMPORARY IMPACTS

WETLAND B-21  
6 S.F. TEMPORARY IMPACTS

WETLAND B-20  
7 S.F. TEMPORARY IMPACTS

WETLAND B-19  
5 S.F. TEMPORARY IMPACTS

WETLAND B-18  
3 S.F. TEMPORARY IMPACTS

WETLAND B-17  
8 S.F. TEMPORARY IMPACTS

WETLAND B-16  
10 S.F. TEMPORARY IMPACTS

WETLAND B-10 TO B-15  
80 S.F. TEMPORARY IMPACTS

PARCEL  
71.00-4-19

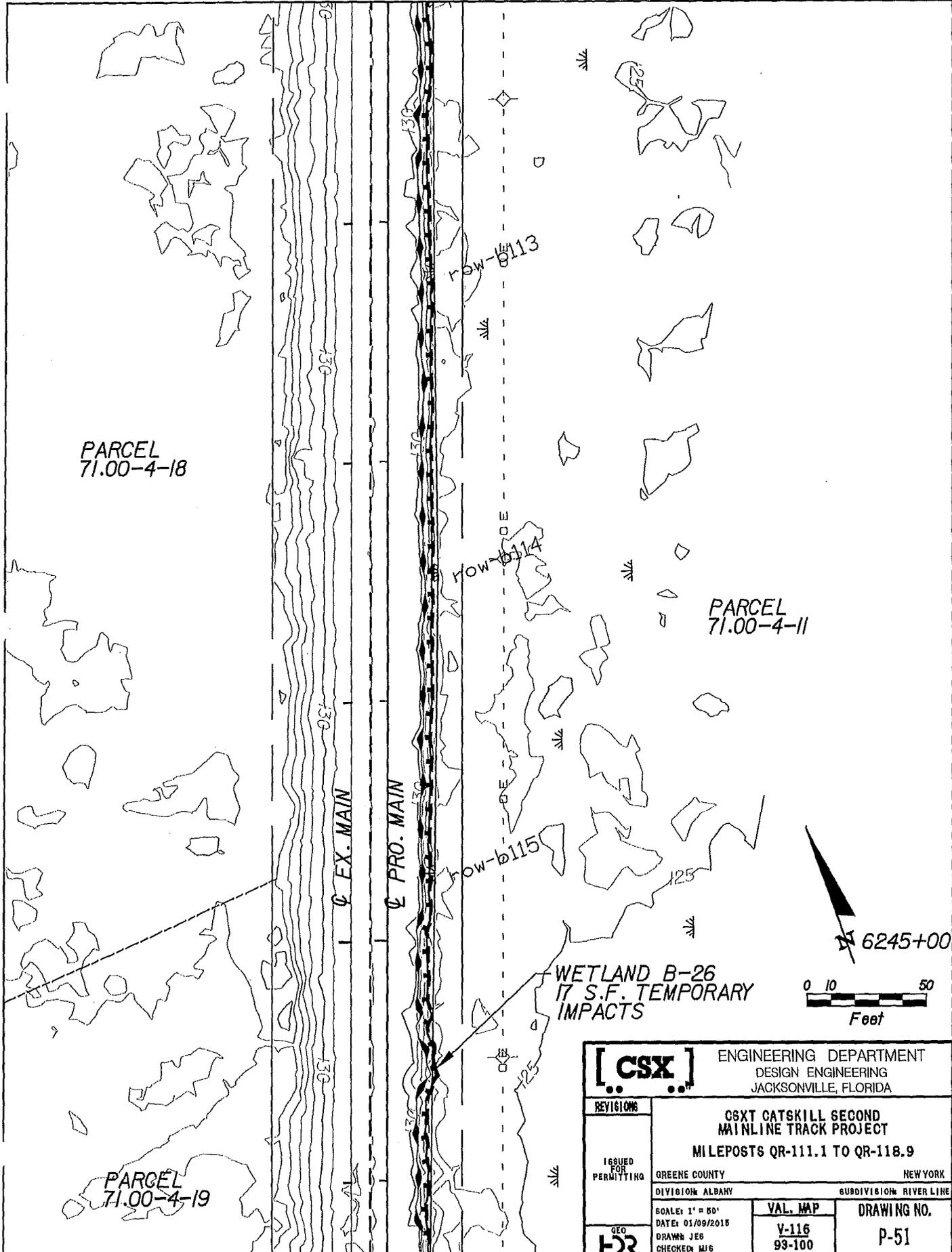
PARCEL  
71.00-4-11

PARCEL  
71.00-4-20

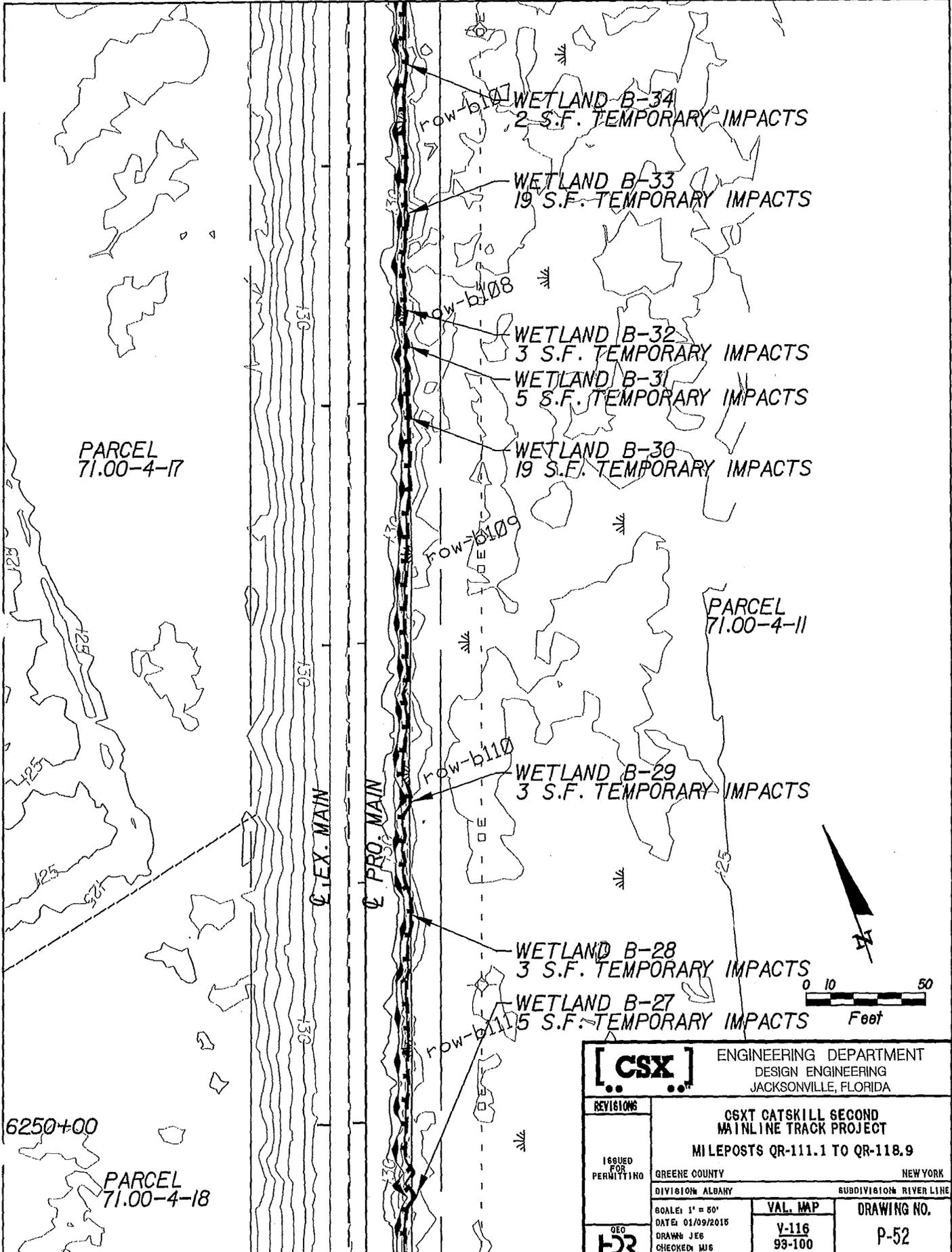
6240+00



		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
DIVISION: ALBANY		SUBDIVISION: RIVER LINE	
SCALE: 1" = 50'	DATE: 01/09/2015	VAL. MAP	DRAWING NO.
DRAWN: JEG CHECKED: JWS		V-116 99-100	P-50



		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> <b>MILEPOSTS QR-111.1 TO QR-118.9</b>	
REVISIONS  ISSUED FOR PERMITTING	GREENE COUNTY		NEW YORK
	DIVISION: ALBANY		SUBDIVISION: RIVER LINE
GEO 	SCALE: 1" = 50'	VAL. MAP	DRAWING NO.
	DATE: 01/09/2015	V-116	P-51
	DRAWN: JEG	93-100	
	CHECKED: MJG		



PARCEL  
71.00-4-17

PARCEL  
71.00-4-11

PARCEL  
71.00-4-18

6250+00

WETLAND B-34  
2 S.F. TEMPORARY IMPACTS

WETLAND B-33  
19 S.F. TEMPORARY IMPACTS

WETLAND B-32  
3 S.F. TEMPORARY IMPACTS

WETLAND B-31  
5 S.F. TEMPORARY IMPACTS

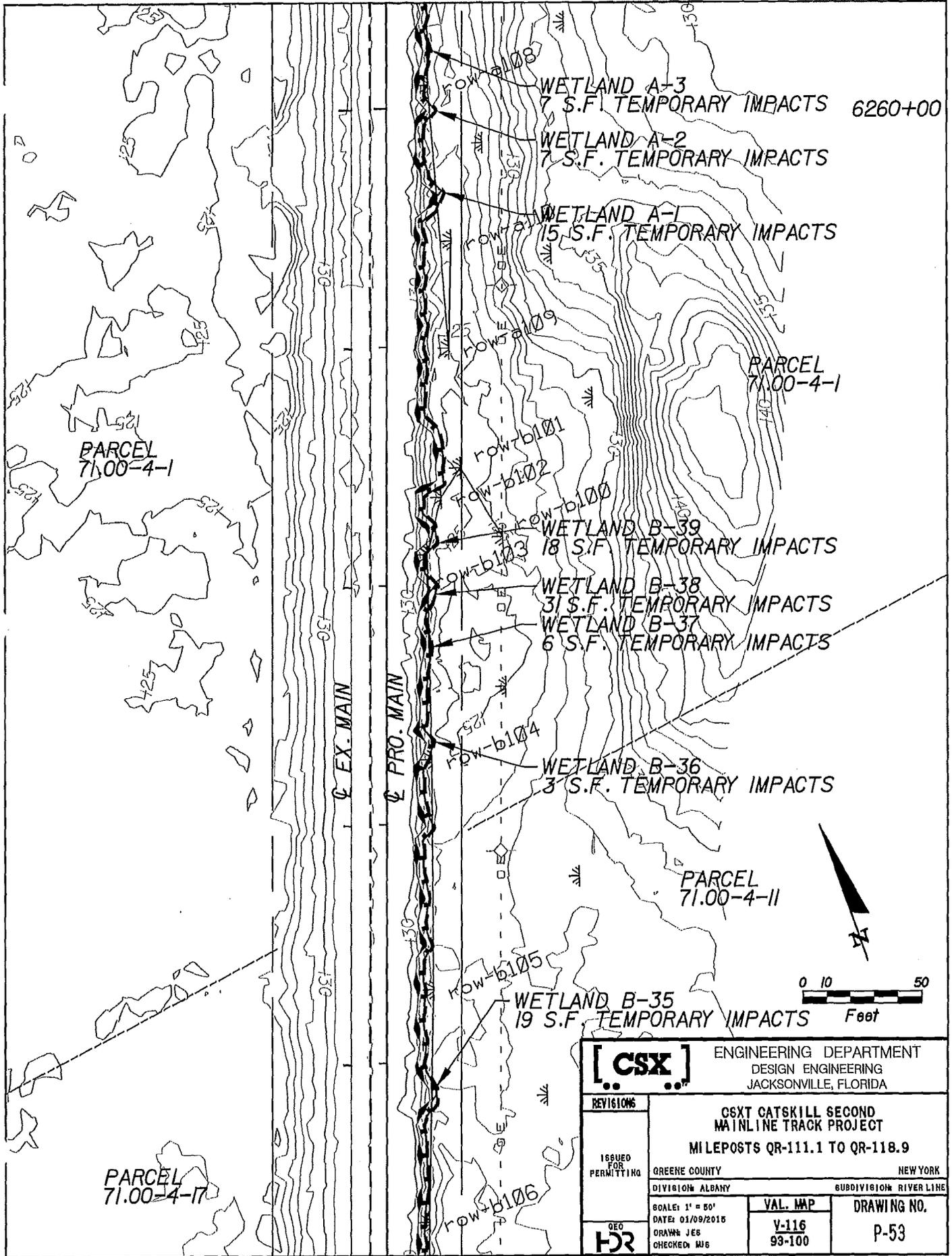
WETLAND B-30  
19 S.F. TEMPORARY IMPACTS

WETLAND B-29  
3 S.F. TEMPORARY IMPACTS

WETLAND B-28  
3 S.F. TEMPORARY IMPACTS

WETLAND B-27  
5 S.F. TEMPORARY IMPACTS

<b>[CSX]</b>		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
REVISIONS	CSXT CATSKILL SECOND MAINLINE TRACK PROJECT MILEPOSTS QR-111.1 TO QR-118.9		
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
GEO <b>HR</b>	DIVISION ALBANY	SUBDIVISION RIVER LINE	
SCALE: 1" = 50' DATE: 01/09/2015 DRAWN: JEG CHECKED: MJG	VAL. MAP Y-116 93-100	DRAWING NO. P-52	



WETLAND A-3  
7 S.F. TEMPORARY IMPACTS 6260+00

WETLAND A-2  
7 S.F. TEMPORARY IMPACTS

WETLAND A-1  
15 S.F. TEMPORARY IMPACTS

PARCEL  
71.00-4-1

PARCEL  
71.00-4-1

WETLAND B-39  
18 S.F. TEMPORARY IMPACTS

WETLAND B-38  
31 S.F. TEMPORARY IMPACTS

WETLAND B-37  
6 S.F. TEMPORARY IMPACTS

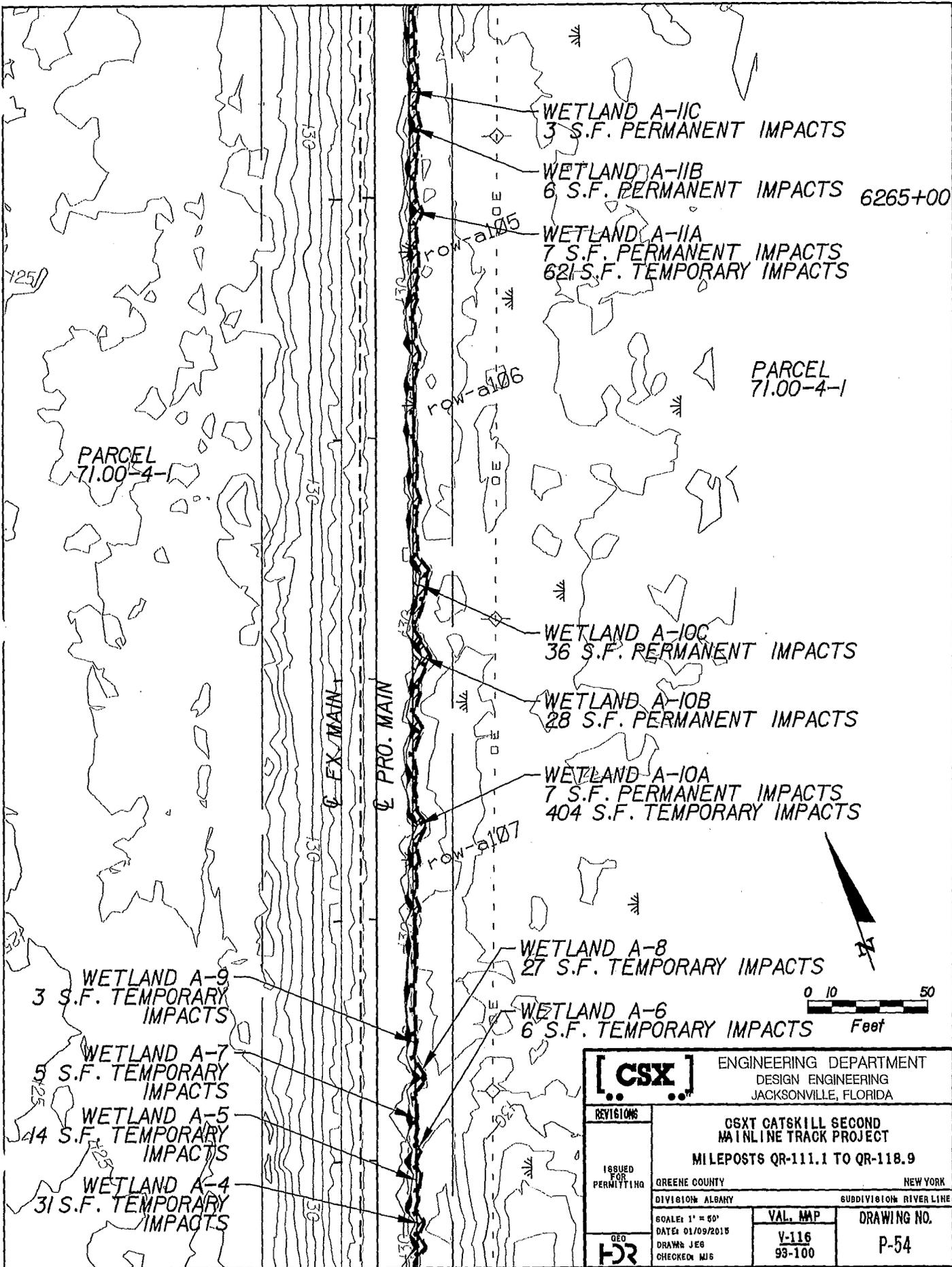
WETLAND B-36  
3 S.F. TEMPORARY IMPACTS

PARCEL  
71.00-4-11

WETLAND B-35  
19 S.F. TEMPORARY IMPACTS

PARCEL  
71.00-4-17

		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
DATE: 01/09/2015	DIVISION ALBANY	SUBDIVISION RIVER LINE	
SCALE: 1" = 50'	VAL. MAP	DRAWING NO.	
DRAWN: JES	V-116	P-53	
CHECKED: WJS	93-100		



PARCEL  
71.00-4-1

PARCEL  
71.00-4-1

WETLAND A-11C  
3 S.F. PERMANENT IMPACTS

WETLAND A-11B  
6 S.F. PERMANENT IMPACTS 6265+00

WETLAND A-11A  
7 S.F. PERMANENT IMPACTS  
621 S.F. TEMPORARY IMPACTS

WETLAND A-10C  
36 S.F. PERMANENT IMPACTS

WETLAND A-10B  
28 S.F. PERMANENT IMPACTS

WETLAND A-10A  
7 S.F. PERMANENT IMPACTS  
404 S.F. TEMPORARY IMPACTS

WETLAND A-8  
27 S.F. TEMPORARY IMPACTS

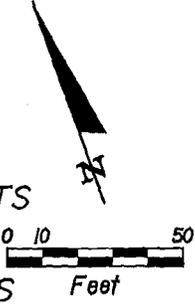
WETLAND A-6  
6 S.F. TEMPORARY IMPACTS

WETLAND A-9  
3 S.F. TEMPORARY IMPACTS

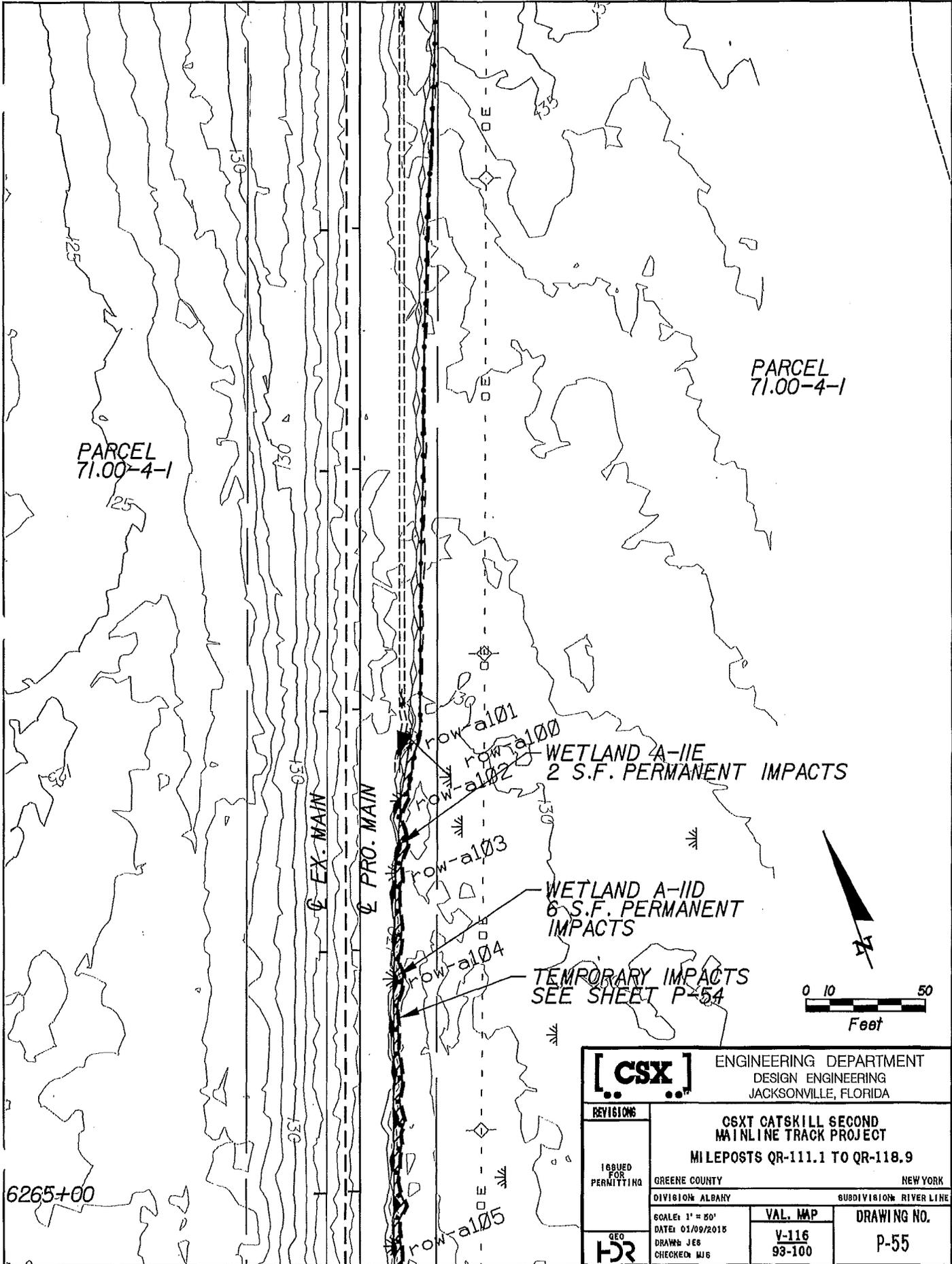
WETLAND A-7  
5 S.F. TEMPORARY IMPACTS

WETLAND A-5  
44 S.F. TEMPORARY IMPACTS

WETLAND A-4  
31 S.F. TEMPORARY IMPACTS



		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
GEO	DIVISION ALBANY	SUBDIVISION RIVER LINE	
	SCALE: 1" = 50'	VAL. MAP	DRAWING NO.
	DATE: 01/09/2015	V-116	P-54
	DRAWN: JEG	93-100	
	CHECKED: MJG		



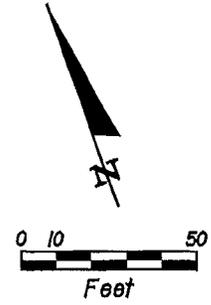
PARCEL  
71.00-4-1

PARCEL  
71.00-4-1

WETLAND A-IIe  
2 S.F. PERMANENT IMPACTS

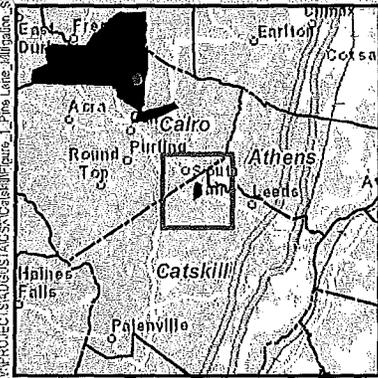
WETLAND A-IIId  
6 S.F. PERMANENT IMPACTS

TEMPORARY IMPACTS  
SEE SHEET P-54



		ENGINEERING DEPARTMENT DESIGN ENGINEERING JACKSONVILLE, FLORIDA	
		<b>CSXT CATSKILL SECOND MAINLINE TRACK PROJECT</b> MILEPOSTS QR-111.1 TO QR-118.9	
ISSUED FOR PERMITTING	GREENE COUNTY	NEW YORK	
	DIVISION ALBANY	SUBDIVISION RIVER LINE	
GEO 	SCALE: 1" = 50'	VAL. MAP	DRAWING NO.
	DATE: 01/09/2016	V-116	P-55
	DRAWN: JES	93-100	
	CHECKED: MJG		

6265+00



**Legend**

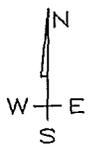
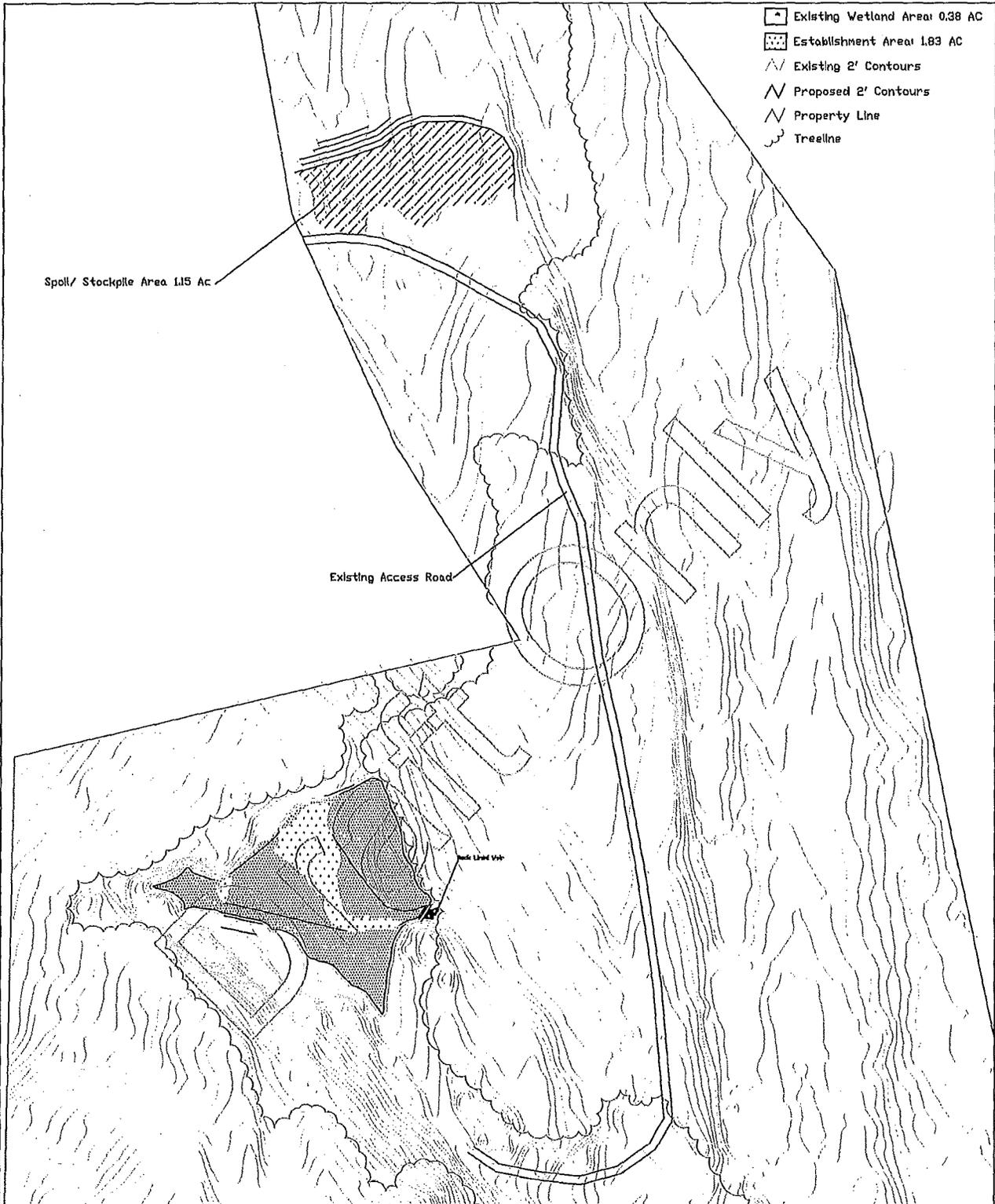
 Pine Lane Mitigation Site Parcel Boundary

Sources: ESRI, TRC, NYSDOC, Map Coordinate System: NAD 1983 UTM Zone 18N  
 NAN 2015-00159 LUDA CSX Transportation, Inc Page 59 of 62

**CSX-CATSKILL  
SECOND MAINLINE  
PROJECT**

**Figure 1  
Proposed Mitigation Site**

Created: 6/4/2015  14 Gabriel Drive  
 Augusta, ME 04330

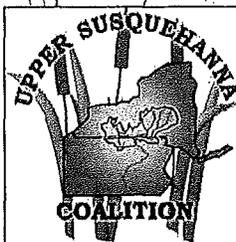
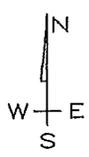
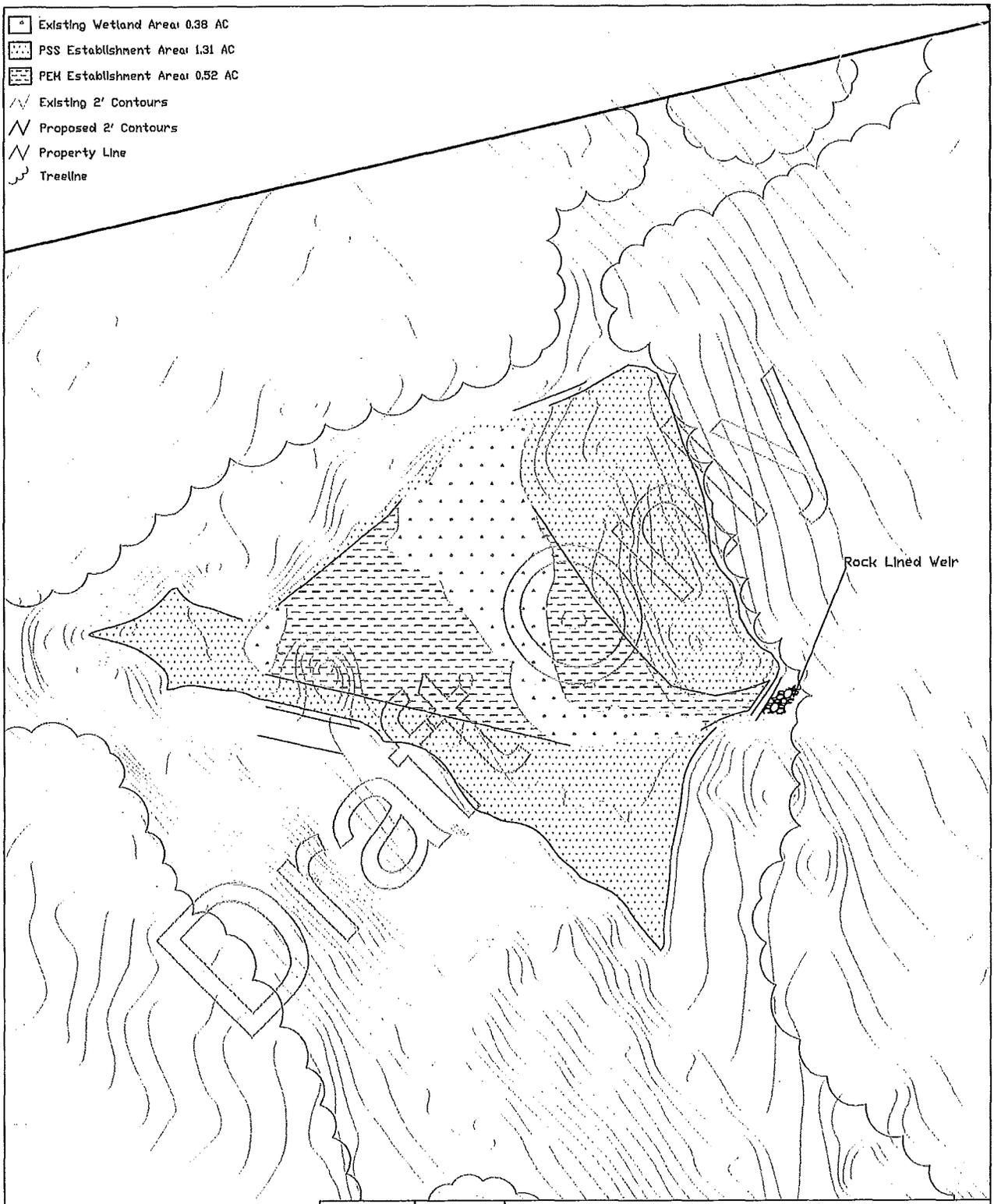


Pine Lane Site – CSX Wetland Mitigation  
 Town of Catskill – Greene County

Prepared by: Upper Susquehanna Coalition  
 183 Corporate Drive  
 Owego, NY 13827

SCALE: 1"=250'      DATE: 20 FEB 2015      REV: JW

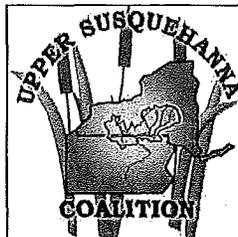
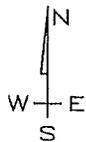
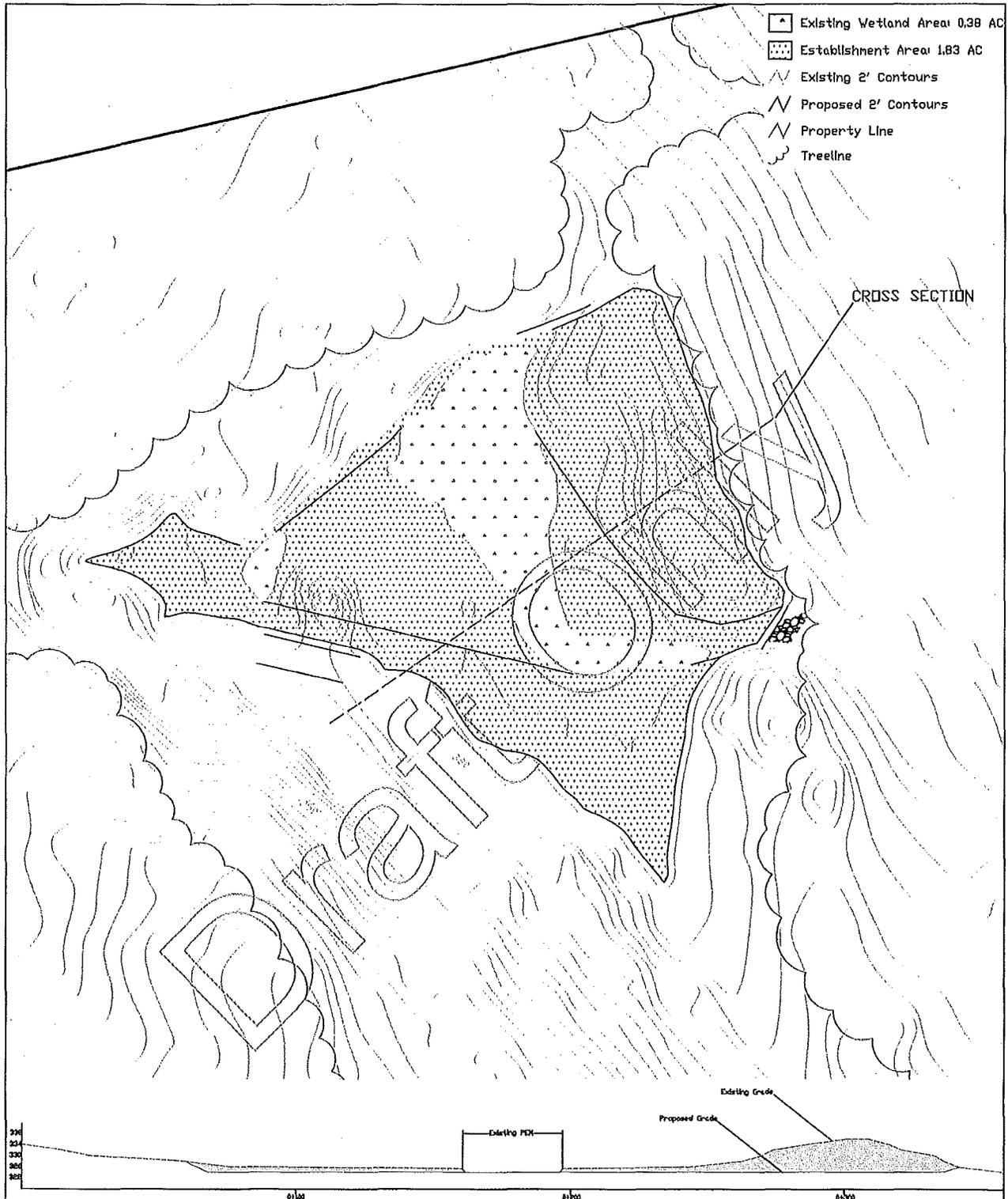
-  Existing Wetland Area: 0.38 AC
-  PSS Establishment Area: 1.31 AC
-  PEM Establishment Area: 0.52 AC
-  Existing 2' Contours
-  Proposed 2' Contours
-  Property Line
-  Treeline



Pine Lane Site – CSX Wetland Mitigation  
Town of Catskill – Greene County

Prepared by: Upper Susquehanna Coalition  
183 Corporate Drive  
Owego, NY 13827

SCALE: 1"=100'	DATE: 20 FEB 2015	REV: JW
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Pine Lane Site – CSX Wetland Mitigation  
Town of Catskill – Greene County

Prepared by: Upper Susquehanna Coalition  
183 Corporate Drive  
Owego, NY 13827

SCALE: 1"=100'

DATE: 20 FEB 2015

REV: JW