

PROJECT SPECIAL PROVISION

(10-18-95)

Z-1

PERMITS

The Contractor's attention is directed to the following permits, which have been issued to the Department of Transportation by the authority granting the permit.

PERMIT**AUTHORITY GRANTING THE PERMIT**

Dredge and Fill and/or
Work in Navigable Waters (404)

U. S. Army Corps of Engineers

Water Quality (401)

Division of Environmental Management, DENR
State of North Carolina

The Contractor shall comply with all applicable permit conditions during construction of this project. Those conditions marked by * are the responsibility of the department and the Contractor has no responsibility in accomplishing those conditions.

Agents of the permitting authority will periodically inspect the project for adherence to the permits.

The Contractor's attention is also directed to Articles 107-10 and 107-14 of the *Standard Specifications* and the following:

Should the Contractor propose to utilize construction methods (such as temporary structures or fill in waters and/or wetlands for haul roads, work platforms, cofferdams, etc.) not specifically identified in the permit (individual, general, or nationwide) authorizing the project it shall be the Contractor's responsibility to coordinate with the Engineer to determine what, if any, additional permit action is required. The Contractor shall also be responsible for initiating the request for the authorization of such construction method by the permitting agency. The request shall be submitted through the Engineer. The Contractor shall not utilize the construction method until it is approved by the permitting agency. The request normally takes approximately 60 days to process; however, no extensions of time or additional compensation will be granted for delays resulting from the Contractor's request for approval of construction methods not specifically identified in the permit.

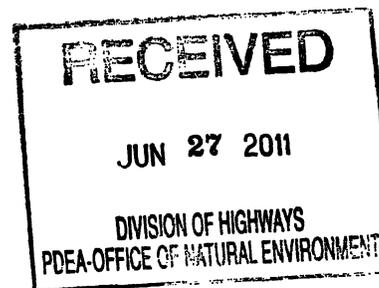
Where construction moratoriums are contained in a permit condition which restricts the Contractor's activities to certain times of the year, those moratoriums will apply only to the portions of the work taking place in the waters or wetlands provided that activities outside those areas is done in such a manner as to not affect the waters or wetlands.

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REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
WILMINGTON DISTRICT, CORPS OF ENGINEERS
69 DARLINGTON AVENUE
WILMINGTON, NORTH CAROLINA 28403-1343



June 22, 2011

Regulatory Division

Action ID : 1998-02180; NC 211 Widening from north of NC 73 in West End to east of SR 1208 in Pinehurst, Moore County, Transportation Improvements Project Number R-2812, State Permit Number 8.1560601

Dr. Gregory J. Thorpe, PhD, Manager
Project Development and Environmental Analysis Branch
N.C. Department of Transportation
Division of Highways
1598 Mail Service Center
Raleigh, North Carolina 27699-1598

Dear Dr. Thorpe:

Enclosed is a Department of the Army permit to discharge dredged and or fill material into 388 linear feet of stream channel, 0.13 acres of open waters and 1.9 acres of wetlands to facilitate the widening of NC 211 from north of NC 73 in West End to east of SR 1208 in Pinehurst, Moore County, North Carolina.

Any deviation in the authorized work will likely require modification of this permit. If a change in the authorized work is necessary, you should promptly submit revised plans to the Corps showing the proposed changes. You may not undertake the proposed changes until the Corps notifies you that your permit has been modified.

Carefully read your permit. The general and special conditions are important. Your failure to comply with these conditions could result in a violation of Federal law. Certain significant conditions require that:

- a. You must complete construction before December 31, 2016.
- b. You must allow representatives from this office to make periodic visits to your worksite as deemed necessary to assure compliance with permit plans and conditions.
- c. You must notify this office in advance as to when you intend to commence and complete work.

You should address all questions regarding this authorization to Mr. Ronnie Smith, Wilmington Regulatory Field Office, at telephone (910) 251-4829.

Sincerely,


Jefferson M. Ryscavage
Colonel, U.S. Army
District Commander

Enclosures

Copy furnished (with enclosures):

Chief, Source Data Unit
NOAA/National Ocean Service
ATTN: Sharon Tear N/CS261
1315 East-West Hwy., Rm 7316
Silver Spring, Maryland 20910-3282

Copies furnished (with special conditions and plans):

Mr. Ronald J. Mikulak, Chief
Wetlands Regulatory Section
61 Forsyth Street
Atlanta, Georgia 30303

Mr. Pete Benjamin
U.S. Fish and Wildlife Service
Fish and Wildlife Enhancement
Post Office Box 33726
Raleigh, North Carolina 27636-3726

Mr. Ron Sechler
National Marine Fisheries Service
Pivers Island
Beaufort, North Carolina 28516

Mr. Doug Huggett
Division of Coastal Management
N.C. Department of Environment
and Natural Resources
400 Commerce Avenue
Morehead City, North Carolina 28557

Mr. David Rackley
National Marine Fisheries Service
219 Fort Johnson Road
Charleston, South Carolina 29412-9110

DEPARTMENT OF THE ARMY PERMIT

RECEIVED

Permittee North Carolina Department of Transportation/R-2812

JUN 20 2011

Permit No. SAW-1998-02180

REG. WILM. FLD. OFC.

Issuing Office USAED, WILMINGTON

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

Project Description: to discharge dredged and or fill material into 388 linear feet of stream channel, 0.13 acres of open waters and 1.9 acres of wetlands to facilitate the widening of NC 211 from north of NC 73 in West End to east of SR 1208 in Pinehurst, Moore County, North Carolina.

Project Location: The proposed project is widening of NC 211 from north of NC 73 in West End to east of SR 1208 in Pinehurst, Moore County, North Carolina.

Permit Conditions:

General Conditions:

1. The time limit for completing the work authorized ends on **December 31, 2016**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

ENG FORM 1721, Nov 86

EDITION OF SEP 82 IS OBSOLETE.

(33 CFR 325 (Appendix A))

4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit,

Special Conditions:

SEE ATTACHED SPECIAL CONDITIONS

Further Information:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:
 - () Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).
 - (x) Section 404 of the Clean Water Act (33 U.S.C. 1344).
 - () Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).
2. Limits of this authorization.
 - a. This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.
 - b. This permit does not grant any property rights or exclusive privileges.
 - c. This permit does not authorize any injury to the property or rights of others.
 - d. This permit does not authorize interference with any existing or proposed Federal project.
3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:
 - a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
 - b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
 - c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
 - d. Design or construction deficiencies associated with the permitted work.

SPECIAL CONDITIONS (Action ID. 2008-02927, NC 211 Widening from north of NC 73 in West End to east of SR 1208 in Pinehurst, Moore County, Transportation Improvement Project Number R-2812, State Permit Number 8.1560601)

- 1. Failure to institute and carry out the details of the following special conditions below will result in a directive to cease all ongoing and permitted work within waters of the United States, including wetlands, associated with the permitted project, or such other remedies and/or fines as the U.S. Army Corps of Engineers District Commander or his authorized representatives may seek.**
- 2. All work authorized by this permit must be performed in strict compliance with the attached plans, which are a part of this permit. Any modification to these plans must be approved by the US Army Corps of Engineers (USACE) prior to implementation.**
- * 3. The permittee shall schedule a preconstruction meeting between its representatives, the contractor's representatives, and the Corps of Engineers, Mr. Ronnie Smith, Wilmington Regulatory Field Office, prior to any work within jurisdictional waters and wetlands to ensure that there is a mutual understanding of all of the terms and conditions contained within this Department of the Army Permit. The permittee shall notify the Corps of Engineers Project Manager a minimum of thirty (30) days in advance of the scheduled meetings in order to provide that individual with ample opportunity to schedule and participate in the required meetings. One copy of the final half-size construction drawings shall be furnished to the Corps of Engineers, Mr. Ronnie Smith, Wilmington Regulatory Field Office prior to the pre-construction meeting.**
- * 4. The permittee shall ensure that the construction design plans for this project do not deviate from the permit plans attached to this authorization. Written verification shall be provided that the final construction drawings comply with the attached permit drawings prior to any active construction in waters of the United States, including wetlands. Any deviation in the construction design plans will be brought to the attention of the Corps of Engineers, Mr. Ronnie Smith, Wilmington Regulatory Field Office prior to any active construction in waters or wetlands.**
- 5. The permittee shall require its contractors and/or agents to comply with the terms and conditions of this permit in the construction and maintenance of this project, and shall provide each of its contractors and/or agents associated with the construction or maintenance of this project with a copy of this permit and any authorized modifications. Copies of this permit and any modifications authorized by the USACE shall be available for review at the construction site at all times. All violations, including non-compliance of these conditions, of the authorized permit shall be reported to the District Engineer within 24 hours of the violation.**
- * 6. Compensatory mitigation for the unavoidable impacts to 1.9 acres of riparian wetlands and 388 linear feet of stream associated with the proposed project shall be provided by the Ecosystem Enhancement Program (EEP), as outlined in the letter dated April 26, 2011 from William D. Gilmore, EEP Director. Pursuant to the In-Lieu-Fee Instrument signed July 28, 2010 between the State of North Carolina, Ecosystem Enhancement Program and the US Army Corps of Engineers the EEP will provide 3.29 acres of restoration equivalent riparian wetlands and 592 linear feet of restoration equivalent warm water stream channel in the Cape Fear River Basin (Hydrologic Cataloging Unit 03030004) in accordance with Section F of the instrument."**

Action ID. 1998-02180, NC 211 Widening from north of NC 73 in West End to east of SR 1208 in Pinehurst, Moore County, Transportation Improvement Project Number R-2812, State Permit Number 8.1560601

7. Except as authorized by this permit or any USACE approved modification to this permit, no excavation, fill, or mechanized land-clearing activities shall take place at any time in the construction or maintenance of this project, within waters or wetlands, or shall any activities take place that cause the degradation of waters or wetlands. There shall be no excavation from, waste disposal into, or degradation of, jurisdictional wetlands or waters associated with this permit without appropriate modification of this permit, including appropriate compensatory mitigation. This prohibition applies to all borrow and fill activities connected with this project. In addition, except as specified in the plans attached to this permit, no excavation, fill or mechanized land-clearing activities shall take place at any time in the construction or maintenance of this project, in such a manner as to impair normal flows and circulation patterns within, into, or out of waters or wetlands or to reduce the reach of waters or wetlands.
8. This permit does not authorize temporary placement or double handling of excavated or fill material within waters or wetlands outside the permitted area.
9. To ensure that all borrow and waste activities occur on high ground and do not result in loss or the degradation of adjacent wetlands and streams, except as authorized by this permit, the permittee shall require its contractors and/or agents to identify all areas to be used to borrow material, or to dispose of dredged, fill, or waste material. The permittee shall ensure that all such areas comply with the preceding condition (#7) of this permit, and shall require and maintain documentation of the location and characteristics of all borrow and disposal sites associated with this project. This information will include data regarding soils, vegetation and hydrology sufficient to clearly demonstrate compliance with the preceding condition (#7). All information will be available to the Corps of Engineers upon request. NCDOT shall require its contractors to complete and execute reclamation plans for each waste and borrow site and provide written documentation that the reclamation plans have been implemented and all work is completed. This documentation will be provided to the Corps of Engineers within 30 days of the completion of the reclamation work.
10. The permittee shall comply with the conditions specified in the water quality certification, No. 3854, issued by the North Carolina Division of Water Quality on April 27, 2011. The water quality certification is attached for your convenience.
11. The permittee shall use appropriate sediment and erosion control practices which equal or exceed those outlined in the most recent version of the "North Carolina Sediment and Erosion Control Planning and Design Manual" to assure compliance with the appropriate turbidity water quality standard. Erosion and sediment control practices must be in full compliance with all specifications governing the proper design, installation and operation and maintenance of such Best Management Practices in order to assure compliance with the appropriate turbidity water

Action ID. 1998-02180, NC 211 Widening from north of NC 73 in West End to east of SR 1208 in Pinehurst, Moore County, Transportation Improvement Project Number R-2812, State Permit Number 8.1560601

quality standards. This shall include, but is not limited to, the immediate installation of silt fencing or similar appropriate devices around all areas subject to soil disturbance or the movement of earthen fill, and the immediate stabilization of all disturbed areas. Additionally, the project must remain in full compliance with all aspects of the Sedimentation Pollution Control Act of 1973 (North Carolina General Statutes Chapter 113A Article 4). Adequate sedimentation and erosion control measures must be implemented prior to any ground disturbing activities to minimize impacts to downstream aquatic resources. These measures must be inspected and maintained regularly, especially following rainfall events. All fill material must be adequately stabilized at the earliest practicable date to prevent sediment from entering into adjacent waters or wetlands.

12. The permittee shall remove all sediment and erosion control measures placed in wetlands or waters, and shall restore natural grades in those areas, prior to project completion.

13. The permittee shall take measures to prevent live or fresh concrete from coming into contact with any surface waters until the concrete has hardened.

14. The permittee shall take measures to control any bottom sediment that may be sluiced by draining the ponds on the project site. Sediment sluicing from ponds is not authorized by this permit.

15. The permittee shall install barrier fencing or other acceptable forms of barrier around all wetlands that are not to be disturbed to make them readily visible and prevent construction equipment from inadvertently entering and disturbing the wetland areas that are to remain undisturbed.

16. All mechanized equipment will be regularly inspected and maintained to prevent contamination of waters and wetlands from fuels, lubricants, hydraulic fluids, or other toxic materials. No equipment staging or storage of construction material will occur in wetlands. Hydro-seeding equipment will not be discharged or washed out into any surface waters or wetlands. In the event of a spill of petroleum products or any other hazardous waste, the permittee shall immediately report it to the N.C. Division of Water Quality at (800) 858-0368 and provisions of the North Carolina Oil Pollution and Hazardous Substances Control Act will be followed.

17. The permittee shall abide by the project commitments identified in the FHWA/NCDOT EA and FONSI that pertain to historic properties and threatened and endangered species.

Action ID. 1998-02180, NC 211 Widening from north of NC 73 in West End to east of SR 1208 in Pinehurst, Moore County, Transportation Improvement Project Number R-2812, State Permit Number 8.1560601

18. If the permittee discovers any previously unknown historic or archeological sites while accomplishing the authorized work, he shall immediately stop work and notify the Wilmington District Engineer who will initiate the required State/Federal coordination.

19. The permittee shall maintain the authorized work in good condition and in conformance with the terms and conditions of this permit. The permittee is not relieved of this requirement if he abandons the permitted activity without transferring it to a third party.

20. Unless otherwise authorized by this permit, all fill material placed in waters or wetlands shall be generated from an upland source and will be clean and free of any pollutants except in trace quantities. Metal products, organic materials (including debris from land clearing activities), or unsightly debris will not be used.

21. A representative of the Corps of Engineers will periodically and randomly inspect the work for compliance with these conditions. Deviations from these procedures may result in cessation of work until the problem is resolved to the satisfaction of the Corps.

22. This Department of the Army permit does not obviate the need to obtain other Federal, State, or local authorizations required by law.

23. In issuing this permit, the Federal Government does not assume any liability for:

a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.

b. Damages to the permitted project or uses thereof as a result of current or future Federal activities initiated on behalf of the general public.

c. Damages to other permitted or un-permitted activities or structures caused by the authorized activity.

d. Design and construction deficiencies associated with the permitted work.

e. Damage claims associated with any future modification, suspension, or revocation of this permit.



North Carolina Department of Environment and Natural Resources

Division of Water Quality
Coleen H. Sullins
Director

Beverly Eaves Perdue
Governor

Dee Freeman
Secretary

April 27, 2011

Dr. Greg Thorpe, PhD., Manager
Project Development and Environmental Analysis
North Carolina Department of Transportation
1548 Mail Service Center
Raleigh, North Carolina, 27699-1548

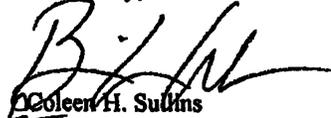
Subject: 401 Water Quality Certification Pursuant to Section 401 of the Federal Clean Water Act with
ADDITIONAL CONDITIONS for Proposed widening of NC 211 from north of NC 73 in West End to
east of SR 1208 (traffic circle) in Pinehurst in Moore County, Federal Aid Project No. STIP 211(5),
State Project No. 8.1560601, TIP R-2812.
NCDWQ Project No. 20110136v.1

Dear Dr. Thorpe:

Attached hereto is a copy of Certification No. 3854 issued to The North Carolina Department of Transportation
(NCDOT) dated April 27, 2011.

If we can be of further assistance, do not hesitate to contact us.

Sincerely,



Coleen H. Sullins
Director

Attachments

cc: Ronnie Smith, US Army Corps of Engineers, Wilmington Field Office
Tim Johnson, PE, Division 8 Engineer
Art King, Division 8 Environmental Officer
Chris Militscher, Environmental Protection Agency
Travis Wilson, NC Wildlife Resources Commission
Beth Harmon, Ecosystem Enhancement Program
Mason Herndon, NCDWQ Fayetteville Regional Office
File Copy

RECEIVED

MAY 21 2011

REG. WILM. FLD. OFC.

Transportation Permitting Unit
1650 Mail Service Center, Raleigh, North Carolina 27699-1650
Phone: 919-807-6301 \ FAX: 919-807-6494

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**401 Water Quality Certification Pursuant to Section 401 of the Federal Clean Water Act with
ADDITIONAL CONDITIONS**

THIS CERTIFICATION is issued in conformity with the requirements of Section 401 Public Laws 92-500 and 95-217 of the United States and subject to the North Carolina Division of Water Quality (NCDWQ) Regulations in 15 NCAC 2H .0500. This certification authorizes the NCDOT to impact 1.90 acres of jurisdictional wetlands, 388 linear feet of jurisdictional streams, and 2.96 acres of open water in Moore County. The project shall be constructed pursuant to the application dated received February 8, 2011. The authorized impacts are as described below:

Stream Impacts in the Cape Fear and Lumber River Basins

Site	Station	Permanent Fill in Intermittent Stream (linear ft)	Temporary Fill in Intermittent Stream (linear ft)	Permanent Fill in Perennial Stream (linear ft)	Temporary Fill in Perennial Stream (linear ft)	Total Stream Impact (linear feet)	Stream Impacts Requiring Mitigation (linear ft)
3	-L- Sta. 280+00	-	-	163	-	163	205
3	-L- Sta. 280+00 LT	-	-	42	-	42	
4	-L- Sta. 340+50	-	-	133	-	133	169
4	-L- Sta. 340+50 LT	-	-	36	14	50	
TOTAL:		0	0	374	14	388	374

Total Stream Impact for Project: 388 linear feet

Wetland Impacts in the Cape Fear and Lumber River Basins

Site	Station	Wetland Type	Permanent Fill (acres)	Temporary Fill (acres)	Excavation (acres)	Mechanized Clearing (acres)	Hand Clearing (acres)	Total Wetland Impact (acres)
1	-L- Sta. 245+00	Riverine	0.19	<0.01	-	0.08	-	0.27
2	-L-270+00 LT	Riverine	0.04	-	0.02	0.02	-	0.08
3	-L- Sta. 280+00	Riverine	0.70	-	0.13	0.21	-	1.04
4	-L- Sta. 340+50	Riverine	0.37	-	-	0.14	-	0.51
TOTAL:			1.30	0.00	0.15	0.45	0.00	1.90

Total Wetland Impact for Project: 1.90 acres.

Open Water Impacts in the Cape Fear and Lumber River Basins

Site	Station	Permanent Fill in Open Waters (acres)	Temporary Fill in Open Waters (acres)	Total Fill in Open Waters (acres)	Temporary Dewatering (acres)
1	-L- Sta. 245+00	0.12	-	0.12	2.83
2	-L- Sta. 270+00 LT	0.01	-	0.01	-
TOTAL:		0.13	0	0.13	2.83

Total Open Water Impact for Project: 2.96 acres

The application provides adequate assurance that the discharge of fill material into the waters of the Cape Fear and Lumber River Basins in conjunction with the proposed development will not result in a violation of applicable Water Quality Standards and discharge guidelines. Therefore, the State of North Carolina certifies that this activity will not violate the applicable portions of Sections 301, 302, 303, 306, 307 of PL 92-500 and PL 95-217 if conducted in accordance with the application and conditions hereinafter set forth.

This approval is only valid for the purpose and design that you submitted in your application dated received February 8, 2011. Should your project change, you are required to notify the NCDWQ and submit a new

application. If the property is sold, the new owner must be given a copy of this Certification and approval letter, and is thereby responsible for complying with all the conditions. If any additional wetland impacts, or stream impacts, for this project (now or in the future) exceed one acre or 150 linear feet, respectively, additional compensatory mitigation may be required as described in 15A NCAC 2H .0506 (h) (6) and (7). For this approval to remain valid, you are required to comply with all the conditions listed below. In addition, you should obtain all other federal, state or local permits before proceeding with your project including (but not limited to) Sediment and Erosion control, Coastal Stormwater, Non-discharge and Water Supply watershed regulations. This Certification shall expire on the same day as the expiration date of the corresponding Corps of Engineers Permit.

Conditions of Certification:

Project Specific Conditions

1. The NCDOT Division Environmental Officer or Environmental Assistant will conduct a pre-construction meeting with all appropriate staff to ensure that the project supervisor and essential staff understand the potential issues with stream and pipe alignment at the permitted site. NCDWQ staff shall be invited to the pre-construction meeting.
2. At locations where ponds will be drained, proper measures will be taken to drain the pond with limited impact to upstream and downstream channel stability as well as to native aquatic species. Proper measures will be taken to avoid sediment release and/or sediment accumulation downstream as a result of pond draining. If typical pond draining techniques will create significant disturbance to native aquatic species, additional measures such as collection and relocation may be necessary to prevent a significant fish kill. NCDOT shall consult with NC Wildlife Resources staff to determine if there are any sensitive species, and the most appropriate measures to limit impacts to these species. The permittee shall observe any natural channel re-establishment, or utilize natural channel construction techniques, to ensure that the jurisdictional stream channel above and below the drained pond remain stable, and that no additional impacts occur within the natural stream channel as a result of draining the pond.
3. During dewatering activities at Site 1 flow shall be maintained through the pond.
4. At Site 4, where 14 linear feet of stream will be impacted due to site dewatering activities, the site shall be graded to its preconstruction contours and revegetated with appropriate native species.
5. Unless otherwise approved in this certification, placement of culverts and other structures in open waters and streams, shall be placed below the elevation of the streambed by one foot for all culverts with a diameter greater than 48 inches, and 20 percent of the culvert diameter for culverts having a diameter less than 48 inches, to allow low flow passage of water and aquatic life. Design and placement of culverts and other structures including temporary erosion control measures shall not be conducted in a manner that may result in dis-equilibrium of wetlands or streambeds or banks, adjacent to or upstream and downstream of the above structures. The applicant is required to provide evidence that the equilibrium is being maintained if requested in writing by NCDWQ. If this condition is unable to be met due to bedrock or other limiting features encountered during construction, please contact NCDWQ for guidance on how to proceed and to determine whether or not a permit modification will be required.
6. If multiple pipes or barrels are required, they shall be designed to mimic natural stream cross section as closely as possible including pipes or barrels at flood plain elevation and/or sills where appropriate. Widening the stream channel should be avoided. Stream channel widening at the inlet or outlet end of structures typically decreases water velocity causing sediment deposition that requires increased maintenance and disrupts aquatic life passage.
7. Riprap shall not be placed in the active thalweg channel or placed in the streambed in a manner that precludes aquatic life passage. Bioengineering boulders or structures should be properly designed, sized and installed.
8. The stream channel shall be excavated no deeper than the natural bed material of the stream, to the maximum extent practicable. Efforts must be made to minimize impacts to the stream banks, as well as to vegetation responsible for maintaining the stream bank stability. Any applicable riparian buffer impact for access to stream channel shall be temporary and be revegetated with native riparian species.

9. Equalizer pipes in wetlands shall be installed at grade and shall not be installed below the wetland ground level for purposes of aquatic organism passage.
10. With exception of Creeping Red Fescue (*Festuca rubra*), tall fescue shall not be used in the establishment of temporary or permanent groundcover within riparian areas. For the establishment of permanent herbaceous cover, erosion control matting shall be used in conjunction with appropriate seeding on disturbed soils within the riparian area and on disturbed steep slopes with the following exception. Erosion control matting is not necessary if the area is contained by perimeter erosion control devices such as silt fence, temporary sediment ditches, basins, etc. Matting should be secured in place with staples, stakes, or wherever possible, live stakes of native trees. Erosion control matting placed in riparian areas shall not contain a nylon mesh grid, which can impinge and entrap small animals. For the establishment of temporary groundcover within riparian areas, hydroseeding along with wood or cellulose based hydro mulch applied from a fertilizer- and limestone-free tank is allowable at the appropriate rate in conjunction with the erosion control measures. Discharging hydroseed mixtures and wood or cellulose mulch into surface waters is prohibited. Riparian areas are defined as a distance 25 feet landward from top of stream bank.
- * 11. Compensatory mitigation shall be provided as follows:
- a. Compensatory mitigation for 374 linear feet of impact to streams at a 1:1 ratio is required. We understand that you have chosen to perform compensatory mitigation for impacts to streams through the North Carolina Ecosystem Enhancement Program (NEEP), and that the NEEP has agreed to implement the mitigation for the project. NEEP has indicated in a revised letter dated April 26, 2011 that they will assume responsibility for satisfying the federal Clean Water Act compensatory mitigation requirements for the above-referenced project, in accordance with the Tri-Party MOA signed on July 22, 2003 and the Dual-Party MOA signed on April 12, 2004.
 - b. Compensatory mitigation for impacts to 1.90 acres riparian wetlands is required. A total of 1.82 acres shall be mitigated for at a 2:1 ratio. The remaining 0.08 acres, associated with Site 2, shall be mitigated at a 1:1 ratio. Total credits required for mitigation equal 3.72. We understand that you have chosen to perform compensatory mitigation for impacts to wetlands through the North Carolina Ecosystem Enhancement Program (NEEP), and that the NEEP has agreed to implement the mitigation for the project. NEEP has indicated in a revised letter dated April 26, 2011 that they will assume responsibility for satisfying the federal Clean Water Act compensatory mitigation requirements for the above-referenced project, in accordance with the Tri-Party MOA signed on July 22, 2003 and the Dual-Party MOA signed on April 12, 2004.

General Conditions

12. If concrete is used during construction, a dry work area shall be maintained to prevent direct contact between curing concrete and stream water. Water that inadvertently contacts uncured concrete shall not be discharged to surface waters due to the potential for elevated pH and possible aquatic life and fish kills.
13. During the construction of the project, no staging of equipment of any kind is permitted in waters of the U.S., or protected riparian buffers.
14. The dimension, pattern and profile of the stream above and below the crossing shall not be modified. Disturbed floodplains and streams shall be restored to natural geomorphic conditions.
15. The use of rip-rap above the Normal High Water Mark shall be minimized. Any rip-rap placed for stream stabilization shall be placed in stream channels in such a manner that it does not impede aquatic life passage.
- * 16. The Permittee shall ensure that the final design drawings adhere to the permit and to the permit drawings submitted for approval.
17. All work in or adjacent to stream waters shall be conducted in a dry work area. Approved BMP measures from the most current version of NCDOT Construction and Maintenance Activities manual such as sandbags, rock berms, cofferdams and other diversion structures shall be used to prevent excavation in flowing water.

18. Heavy equipment shall be operated from the banks rather than in the stream channel in order to minimize sedimentation and reduce the introduction of other pollutants into the stream.
19. All mechanized equipment operated near surface waters must be regularly inspected and maintained to prevent contamination of stream waters from fuels, lubricants, hydraulic fluids, or other toxic materials.
20. No rock, sand or other materials shall be dredged from the stream channel except where authorized by this certification.
21. Discharging hydroseed mixtures and washing out hydroseeders and other equipment in or adjacent to surface waters is prohibited.
22. The permittee and its authorized agents shall conduct its activities in a manner consistent with State water quality standards (including any requirements resulting from compliance with §303(d) of the Clean Water Act) and any other appropriate requirements of State and Federal law. If NCDWQ determines that such standards or laws are not being met (including the failure to sustain a designated or achieved use) or that State or federal law is being violated, or that further conditions are necessary to assure compliance, NCDWQ may reevaluate and modify this certification.
23. All fill slopes located in jurisdictional wetlands shall be placed at slopes no flatter than 3:1, unless otherwise authorized by this certification.
24. The outside buffer, wetland or water boundary located within the construction corridor approved by this authorization shall be clearly marked by highly visible fencing prior to any land disturbing activities. Impacts to areas within the fencing are prohibited unless otherwise authorized by this certification.
25. The issuance of this certification does not exempt the Permittee from complying with any and all statutes, rules, regulations, or ordinances that may be imposed by other government agencies (i.e. local, state, and federal) having jurisdiction, including but not limited to applicable buffer rules, stormwater management rules, soil erosion and sedimentation control requirements, etc.
26. Native riparian vegetation must be reestablished within the construction limits of the project by the end of the growing season following completion of construction.
27. There shall be no excavation from, or waste disposal into, jurisdictional wetlands or waters associated with this permit without appropriate modification. Should waste or borrow sites, or access roads to waste or borrow sites, be located in wetlands or streams, compensatory mitigation will be required since that is a direct impact from road construction activities.
28. Erosion and sediment control practices must be in full compliance with all specifications governing the proper design, installation and operation and maintenance of such Best Management Practices in order to protect surface waters standards:
 - a. The erosion and sediment control measures for the project must be designed, installed, operated, and maintained in accordance with the most recent version of the *North Carolina Sediment and Erosion Control Planning and Design Manual*.
 - b. The design, installation, operation, and maintenance of the sediment and erosion control measures must be such that they equal, or exceed, the requirements specified in the most recent version of the *North Carolina Sediment and Erosion Control Manual*. The devices shall be maintained on all construction sites, borrow sites, and waste pile (spoil) projects, including contractor-owned or leased borrow pits associated with the project.
 - c. For borrow pit sites, the erosion and sediment control measures must be designed, installed, operated, and maintained in accordance with the most recent version of the *North Carolina Surface Mining Manual*.
 - d. The reclamation measures and implementation must comply with the reclamation in accordance with the requirements of the Sedimentation Pollution Control Act.
29. Sediment and erosion control measures shall not be placed in wetlands or waters unless otherwise approved by this Certification.

30. A copy of this Water Quality Certification shall be maintained on the construction site at all times. In addition, the Water Quality Certification and all subsequent modifications, if any, shall be maintained with the Division Engineer and the on-site project manager.
31. The Permittee shall report any violations of this certification to the Division of Water Quality within 24 hours of discovery.
- * 32. Upon completion of the project (including any impacts at associated borrow or waste sites), the NCDOT Division Engineer shall complete and return the enclosed "Certification of Completion Form" to notify NCDWQ when all work included in the 401 Certification has been completed.

Violations of any condition herein set forth may result in revocation of this Certification and may result in criminal and/or civil penalties. This Certification shall become null and void unless the above conditions are made conditions of the Federal 404 and/or Coastal Area Management Act Permit. This Certification shall expire upon the expiration of the 404 or CAMA permit.

If you wish to contest any statement in the attached Certification you must file a petition for an administrative hearing. You may obtain the petition form from the office of Administrative hearings. You must file the petition with the office of Administrative Hearings within sixty (60) days of receipt of this notice. A petition is considered filed when it is received in the office of Administrative Hearings during normal office hours. The Office of Administrative Hearings accepts filings Monday through Friday between the hours of 8:00am and 5:00pm, except for official state holidays. The original and one (1) copy of the petition must be filed with the Office of Administrative Hearings.

The petition may be faxed-provided the original and one copy of the document is received by the Office of Administrative Hearings within five (5) business days following the faxed transmission. The mailing address for the Office of Administrative Hearings is:

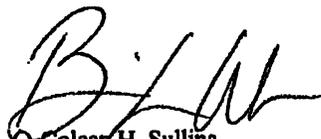
Office of Administrative Hearings
6714 Mail Service Center
Raleigh, NC 27699-6714
Telephone: (919)-733-2698, Facsimile: (919)-733-3478

A copy of the petition must also be served on DENR as follows:

Ms. Mary Penny Thompson, General Counsel
Department of Environment and Natural Resources
1601 Mail Service Center
Raleigh, NC 27699-1601

This the 27th day of April 2011

DIVISION OF WATER QUALITY


Coleen H. Sullins
Director



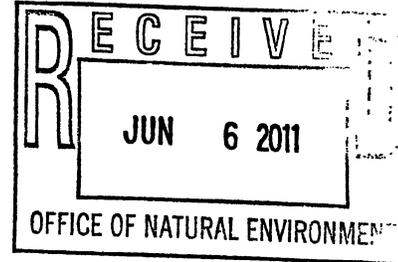
North Carolina Department of Environment and Natural Resources

Division of Water Quality
Coleen H. Sullins
Director

Beverly Eaves Perdue
Governor

Dee Freeman
Secretary

May 26, 2011



Dr. Greg Thorpe, PhD., Branch Manager
Project Development and Environmental Analysis Branch
North Carolina Department of Transportation
1598 Mail Service Center
Raleigh, North Carolina, 27699-1598

Subject: Correction to 401 Water Quality Certification for NC 211 from north of NC 73 in West End to east of SR 1208 (traffic circle) in Moore County, DWQ Project No. 20110136. *R-2812*
WQC No. 003854.

Dear Dr. Thorpe:

This letter is in regards to the 401 Water Quality Certification (WQC) issued on April 27, 2011 for NC 211 from north of NC 73 in West End to east of SR 1208 (traffic circle) in Moore County (DWQ Project No. 20110136; WQC No. 003854). Corrections to this certification are outlined below.

Condition No. 11(a) contains the following language:

“Compensatory mitigation for 374 linear feet of impact to streams at a 1:1 ratio is required. We understand that you have chosen to perform compensatory mitigation for impacts to streams through the North Carolina Ecosystem Enhancement Program (EEP), and that the EEP has agreed to implement the mitigation for the project. EEP has indicated in a revised letter dated April 26, 2011 that they will assume responsibility for satisfying the federal Clean Water Act compensatory mitigation requirements for the above-referenced project, in accordance with the Tri-Party MOA signed on July 22, 2003 and the Dual-Party MOA signed on April 12, 2004.”

This language is hereby corrected to read as follows:

Compensatory mitigation for 374 linear feet of impact to streams is required. We understand that you have chosen to perform compensatory mitigation for impacts to streams through the North Carolina Ecosystem Enhancement Program (EEP), and that the EEP has agreed to implement the mitigation for the project. EEP has indicated in a letter dated April 26, 2011 that they will assume responsibility for satisfying the federal Clean Water Act compensatory mitigation requirements for the above-referenced project, in accordance with the North Carolina Department of Environment and Natural Resources' Ecosystem Enhancement Program In-Lieu Fee Instrument signed July 28, 2010.

Condition No. 11(b) contains the following language:

“Compensatory mitigation for impacts to 1.90 acres riparian wetlands is required. A total of 1.82 acres shall be mitigated for at a 2:1 ratio. The remaining 0.08 acres, associated with Site 2, shall be mitigated at a 1:1 ratio. Total credits required for mitigation equal 3.72. We understand that you have chosen to perform compensatory mitigation for impacts to wetlands through the North Carolina Ecosystem Enhancement Program (EEP), and that the EEP has agreed to implement the mitigation for the project. EEP has indicated in a revised letter dated April 26, 2011 that they will assume responsibility for satisfying the federal Clean Water Act compensatory mitigation requirements for the above-referenced project, in accordance with the Tri-Party MOA signed on July 22, 2003 and the Dual-Party MOA signed on April 12, 2004.”

Transportation Permitting Unit
1650 Mail Service Center, Raleigh, North Carolina 27699-1650
Location: 512 N. Salisbury Street, Raleigh, North Carolina 27604
Phone: 919-807-6301 \ FAX: 919-807-6494
Internet: <http://portal.ncdenr.org/web/wq>

One
North Carolina
Naturally

An Equal Opportunity \ Affirmative Action Employer

This language is hereby corrected to read as follows:

“Compensatory mitigation for impacts to 1.90 acres riparian wetlands is required. We understand that you have chosen to perform compensatory mitigation for impacts to wetlands through the North Carolina Ecosystem Enhancement Program (EEP), and that the EEP has agreed to implement the mitigation for the project. EEP has indicated in a letter dated April 26, 2011 that they will assume responsibility for satisfying the federal Clean Water Act compensatory mitigation requirements for the above-referenced project, in accordance with the North Carolina Department of Environment and Natural Resources' Ecosystem Enhancement Program In-Lieu Fee Instrument signed July 28, 2010.”

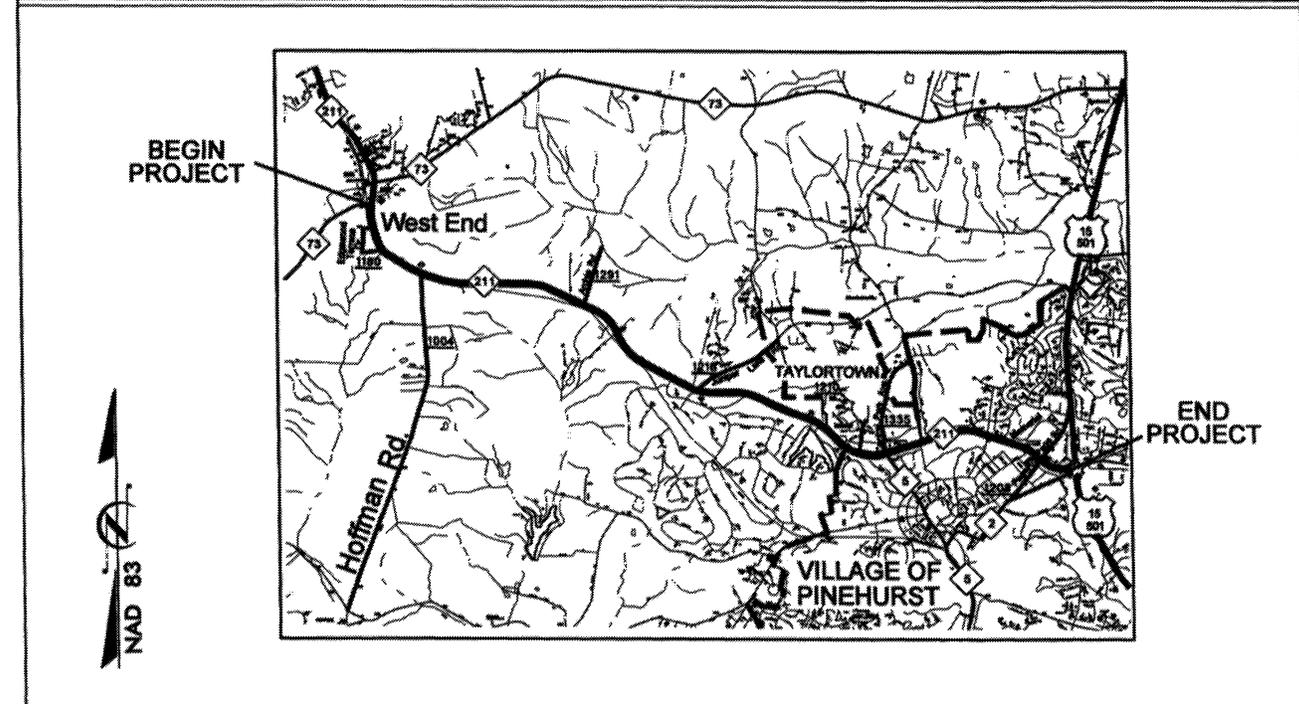
Please attach a copy of this letter with any copies of the original Water Quality Certification. All other conditions written into the previous Water Quality Certification for this project dated April 27, 2011 still apply except where superseded by this correction. We apologize for any inconvenience this may have caused. If you have any questions please contact David Wainwright at (919) 807-6405.

Sincerely,



Coleen H. Sullins,
Director

cc: Ronnie Smith, US Army Corps of Engineers, Wilmington Field Office
Art King, Division 8 Environmental Officer
Chris Militscher, Environmental Protection Agency (electronic copy only)
Travis Wilson, NC Wildlife Resources Commission (electronic copy only)
Mason Herndon, Fayetteville Regional Office
File Copy



VICINITY
MAPS

NORTH CAROLINA
DIVISION OF HIGHWAYS
MOORE COUNTY
PROJECT: 34504.1.1 (R-2812)

SHEET 1 OF 31

11/04/10

PROPERTY OWNERS
NAMES AND ADDRESSES

PARCEL NO.	NAMES	ADDRESSES	SITE NO.
1	ESTELLE BRADSHAW	1106 EDGEWOOD DR CHARLESTON, WV 25302	1
2	RICHARD HAMOR	302 GOLDEN GROVE CR PIEDMONT, SC 29673	1
3	BAPTIST CHILDRENS HOME	P.O. BOX 338 THOMASVILLE, NC 27361	2
4	PHILIP BROWN	1700 CARTHAGE ST SANFORD, NC 27330	3
5	NANCY J. SMITH TIMKO	RR2 NORTH MAIN ANTRIM, NH 03440	4
6	BEN KAY	202 COUNTRY CLUB DR MELBOURN, FL 32940	4
7	MICHAEL T ROBINSON	P.O. BOX 985 PINEHURST, NC 28370	4
8	VILLAGE OF PINEHURST	PO BOX 5589 PINEHURST, NC 28374	4

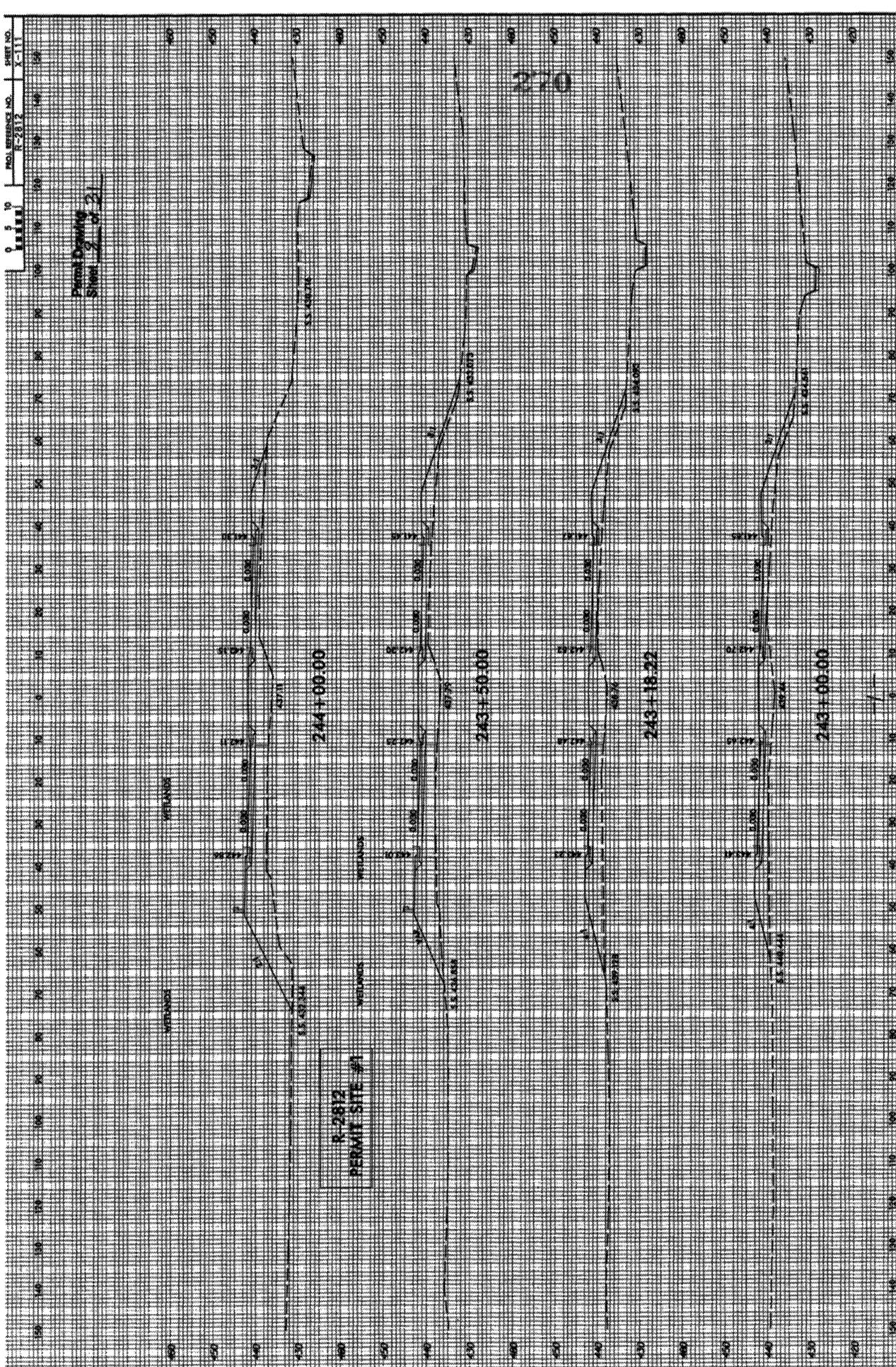
NORTH CAROLINA

DIVISION OF HIGHWAYS
MOORE COUNTY
PROJECT: 34504.1.1 (R-2812)

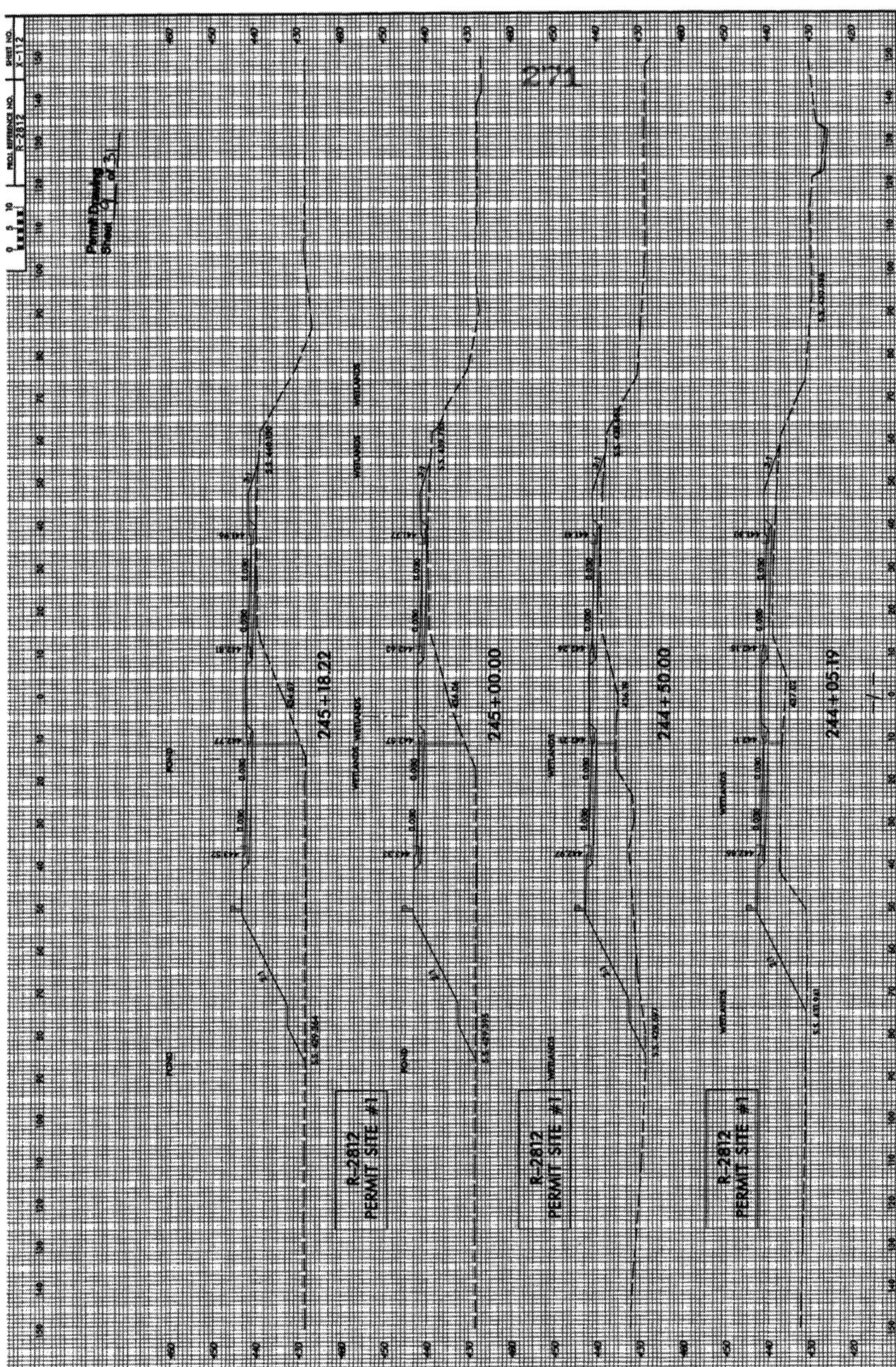
WETLAND PERMIT IMPACT SUMMARY																			
Site No.	Station (From/To)	Structure Size / Type	WETLAND IMPACTS					SURFACE WATER IMPACTS											
			Permanent Fill in Wetlands (ac)	Temp. Fill in Wetlands (ac)	Excavation in Wetlands (ac)	Mechanized Clearing in Wetlands (ac)	Hard Clearing in Wetlands (ac)	Permanent SW Impacts (ac)	Temp. SW Impacts (ac)	Existing Channel Impacts Permanent (ft)	Existing Channel Impacts Temp. (ft)	Natural Stream Design (ft)							
1	-L- Sta. 245+00	Extend Exist 72" CMP	0.19			0.08													
1	-L- Sta. 245+00 LT	Fill in Pond								0.12									
1	-L- Sta. 245+00 LT	Drain Pond										2.63							
1	-L- Sta. 245+00 RT	Construction		<0.01															
2	-L- Sta. 270+00 LT	Pond and Wetland	0.04		0.02	0.02				0.01									
3	-L- Sta. 280+00	10x7 RCBC	0.70		0.13	0.21				0.03			163						
3	-L- Sta. 280+00 LT	Bank Stabilization											42						
4	-L- Sta. 340+50	60" RCP	0.37			0.14				0.02		<0.01	133	14					
4	-L- Sta. 340+50 LT	Bank Stabilization											36						
TOTALS:			1.30	0.00	0.15	0.45	0.00	0.18	2.83	374	14	0							

NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 PROJECT 34504.1.1 (R-2812)
 MOORE COUNTY
 NC 211 FROM NC 73 IN WEST END
 TO THE TRAFFIC CIRCLE IN PINEHURST
 SHEET 3 OF 3
 12/15/2010

Permit Drawing
Sheet 2 of 2



Permit Drawing
 Sheet 1 of 3



R-2812
 PERMIT SITE #1

R-2812
 PERMIT SITE #1

R-2812
 PERMIT SITE #1

PROJECT NUMBER	17-202
SHEET NO.	23
DATE	
BY	
CHECKED	
DESIGNED	
INCOMPLETE PLANS DO NOT USE FOR CONSTRUCTION	
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

Permit Drawing
Sheet 11 of 31

PC Sta 273+83.9 P Sta 277+62.30
 Δ = 5.47 45.5
 L = 300.00
 U = 113.34
 ST = 66.67
 R = 1000.00

PC Sta 275+83.9 P Sta 279+62.30
 Δ = 5.47 45.5
 L = 300.00
 U = 113.34
 ST = 66.67
 R = 1000.00

PC Sta 277+83.9 P Sta 281+62.30
 Δ = 5.47 45.5
 L = 300.00
 U = 113.34
 ST = 66.67
 R = 1000.00

PC Sta 279+83.9 P Sta 283+62.30
 Δ = 5.47 45.5
 L = 300.00
 U = 113.34
 ST = 66.67
 R = 1000.00

PC Sta 281+83.9 P Sta 285+62.30
 Δ = 5.47 45.5
 L = 300.00
 U = 113.34
 ST = 66.67
 R = 1000.00

LEGEND
 DOTTED LINE: DRAINAGE DIVISION
 HATCHED: REMOVED MATERIALS IN
 SHADY: REMOVED MATERIALS IN
 DOTTED: POWER TRANSMISSION
 HATCHED: POWER TRANSMISSION

PC Sta 275+83.9 P Sta 279+62.30
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 L = 300.00
 U = 113.34
 ST = 66.67
 R = 1000.00

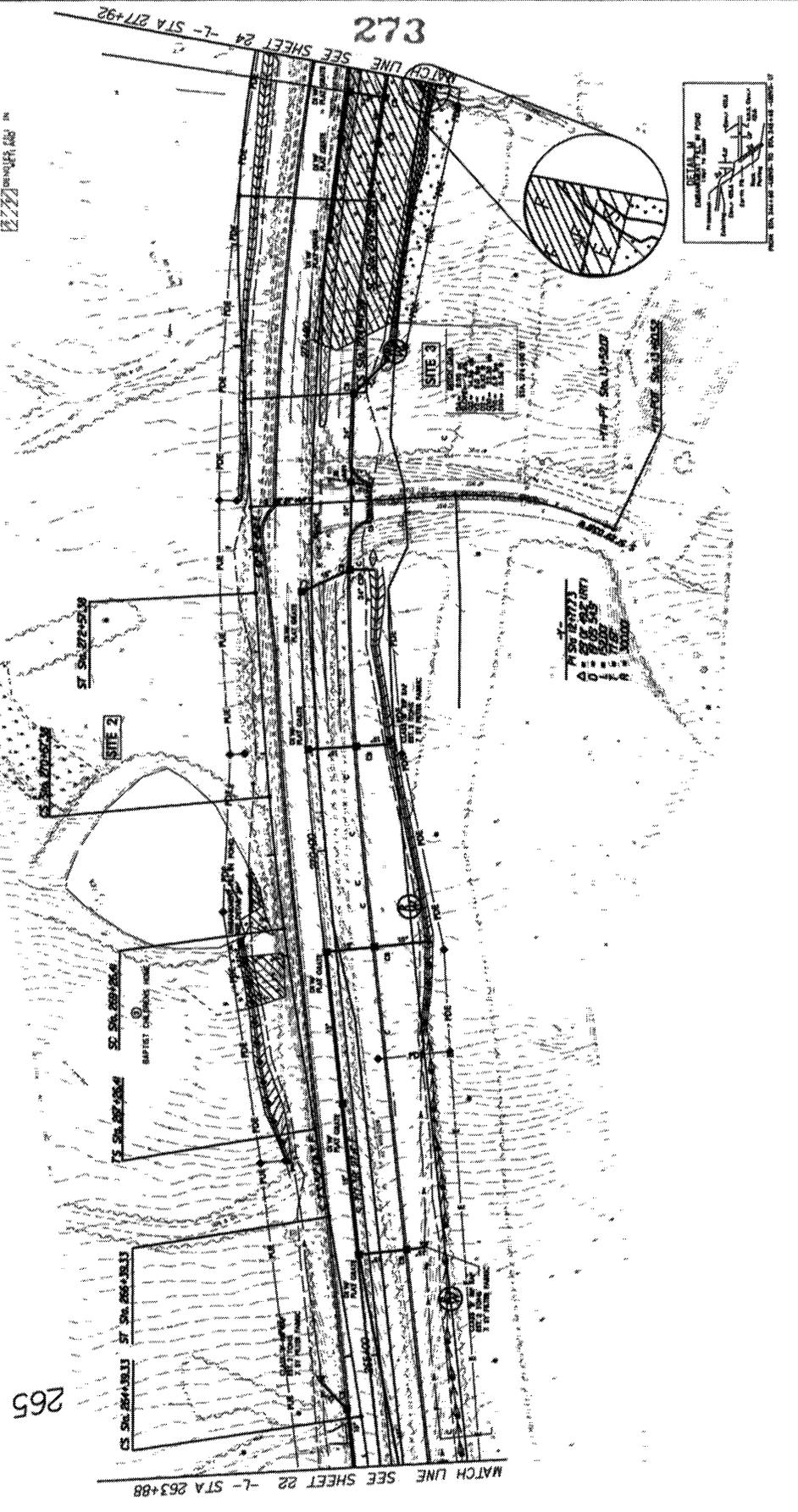
PC Sta 277+83.9 P Sta 281+62.30
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 L = 300.00
 U = 113.34
 ST = 66.67
 R = 1000.00

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 L = 300.00
 U = 113.34
 ST = 66.67
 R = 1000.00

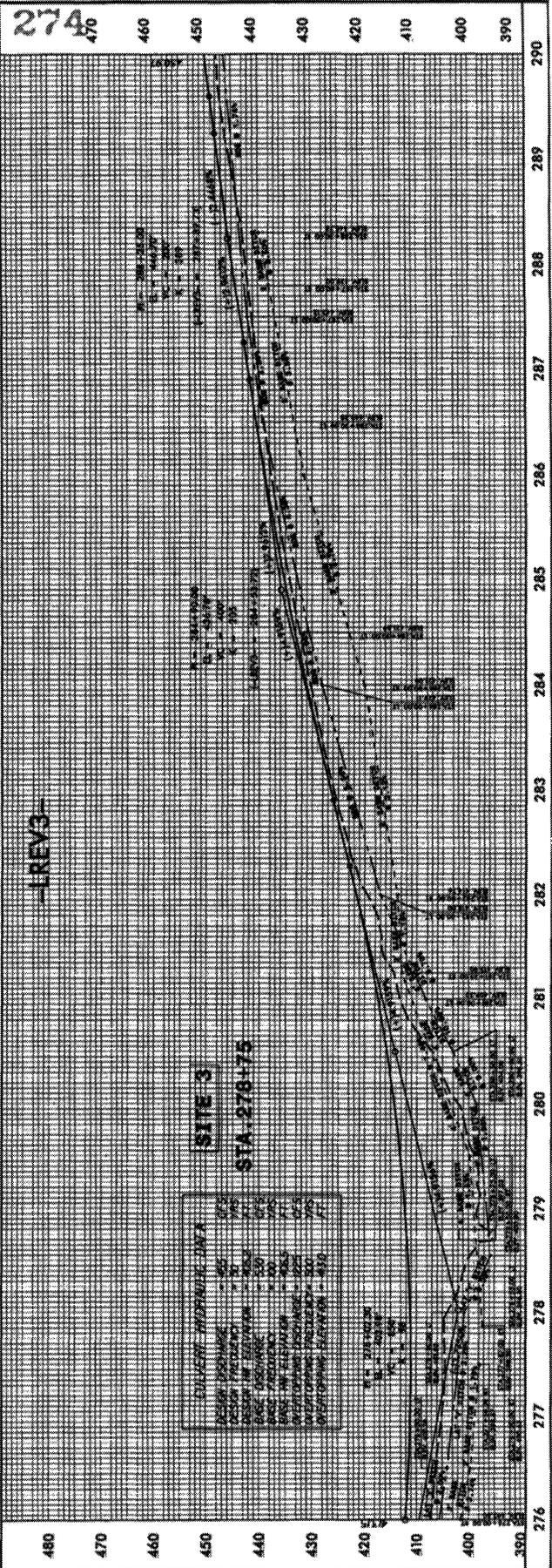
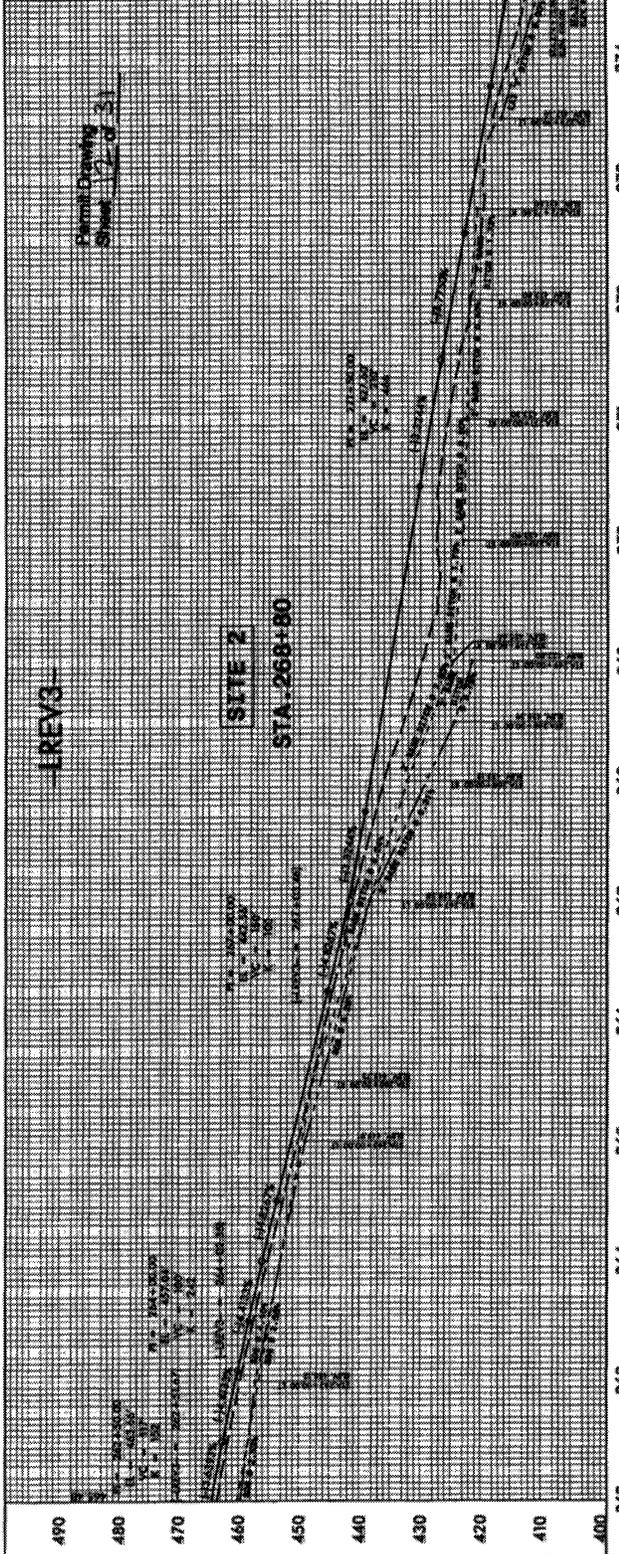
PC Sta 281+83.9 P Sta 285+62.30
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 U = 113.34
 ST = 66.67
 R = 1000.00

PC Sta 283+83.9 P Sta 287+62.30
 Δ = 5.47 45.5
 L = 300.00
 U = 113.34
 ST = 66.67
 R = 1000.00

PC Sta 285+83.9 P Sta 289+62.30
 Δ = 5.47 45.5
 L = 300.00
 U = 113.34
 ST = 66.67
 R = 1000.00



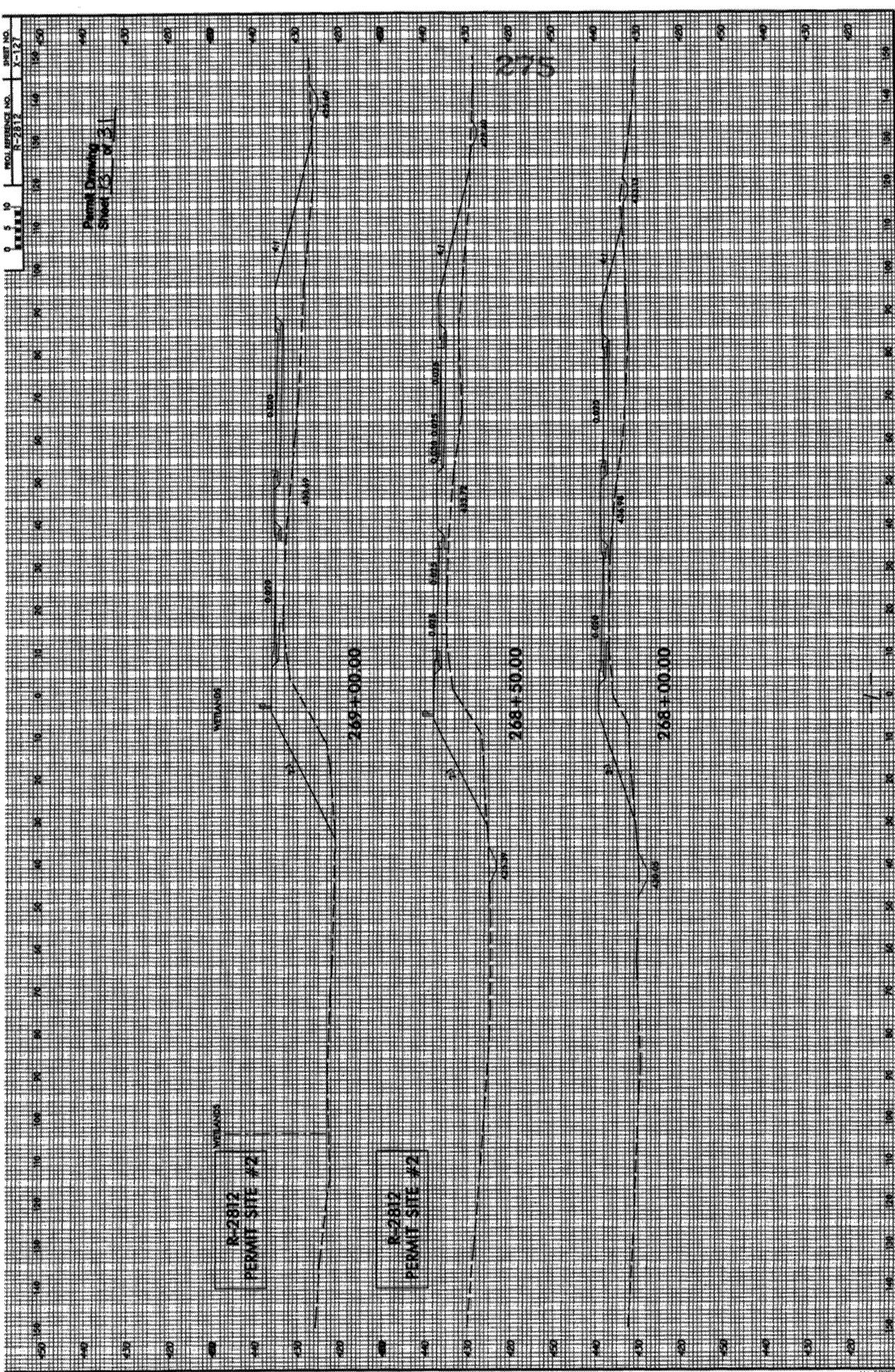
PROJECT NUMBER: 100-100-100
 SHEET NO.: 64
 DATE: 10/1/77
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 PRELIMINARY PLANS
 FOR THE [Project Name]



0 5 10
PROJ. REFERENCE NO. R-2812
SHEET NO. X-12

Permit Drawing
Sheet 13 of 31

275



PROJ. REFERENCE NO. R-2812
SHEET NO. X-178

Permit Opening
Submittal # 31

276

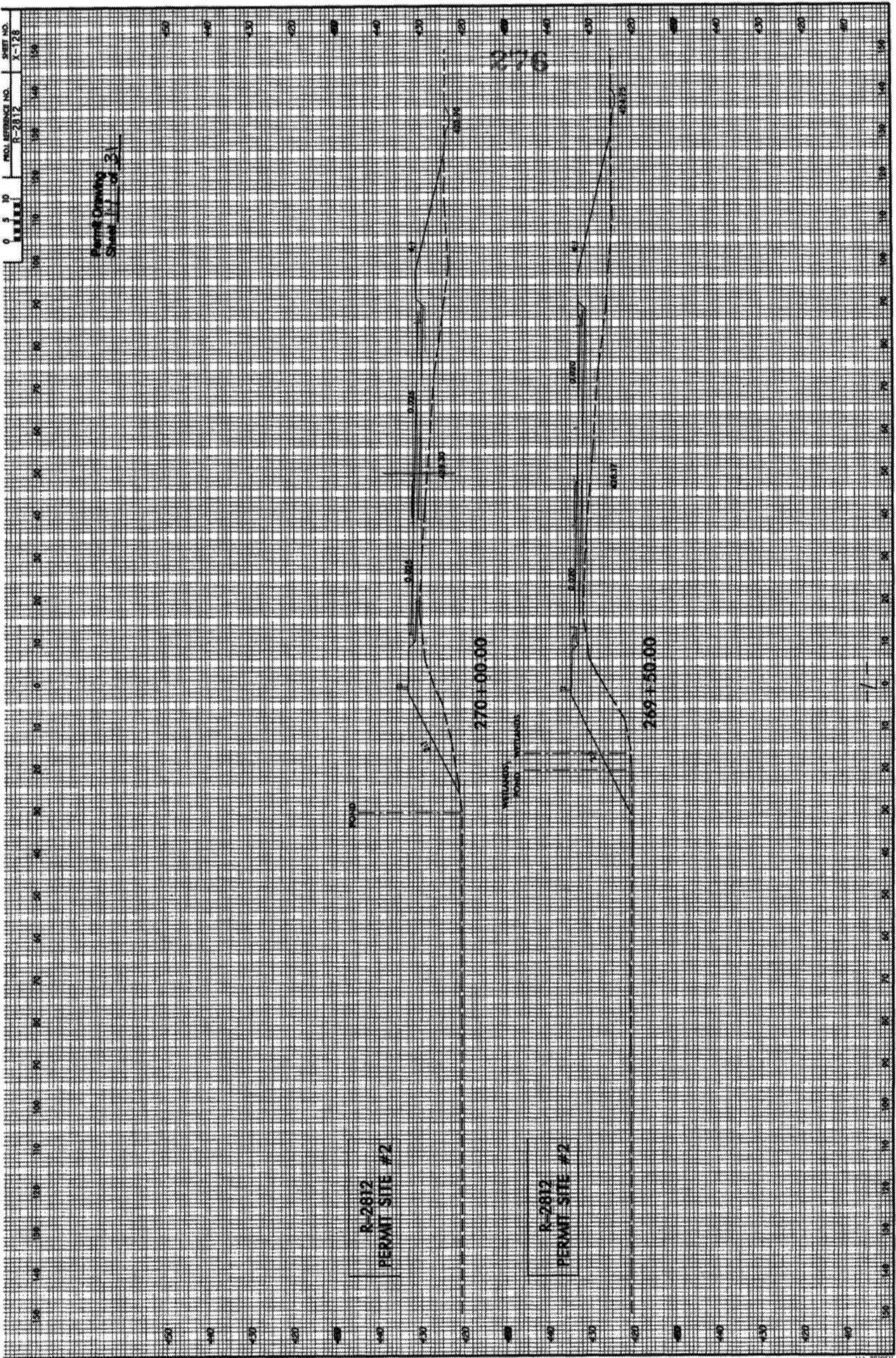
R-2812
PERMIT SITE #2

R-2812
PERMIT SITE #2

270+00.00

269+50.00

RETAINING
POUND
RETAINERS



PROJECT NUMBER: P-2852
 SHEET NO. 24

DESIGNED BY: [Name]
 CHECKED BY: [Name]
 DATE: [Date]

INCOMPLETE PLANS
 PRELIMINARY PLANS
 DO NOT USE FOR CONSTRUCTION

LEGEND

- CONCRETE CURB
- GRAVEL SHOULDER
- PAVEMENT
- EXISTING UTILITIES

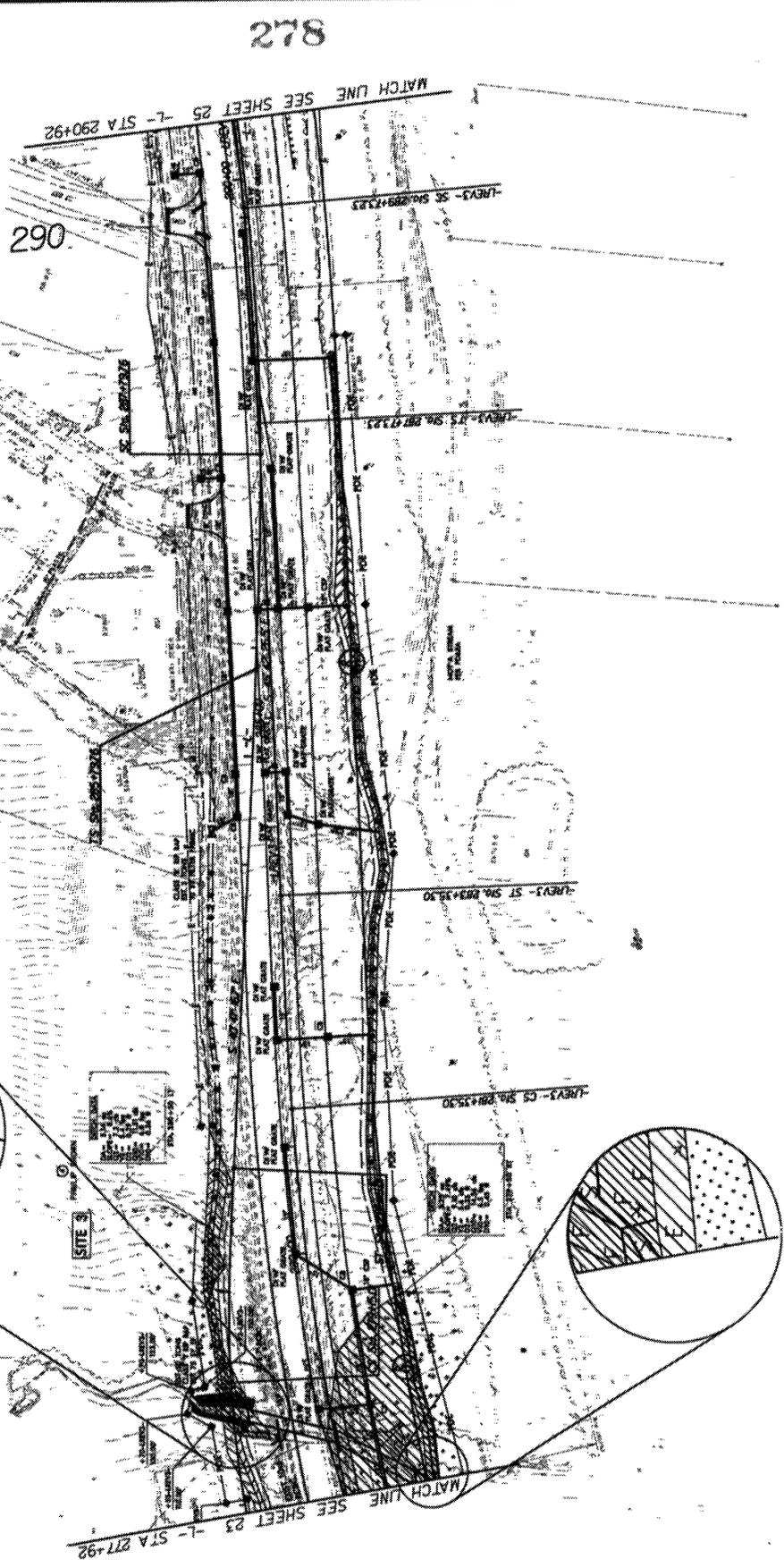
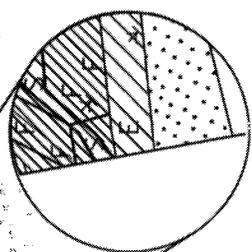
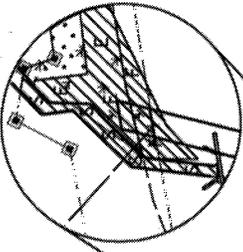
Permit Drawing
 Sheet 24 of 31

285

PG STA 285+00
 PG STA 285+10
 PG STA 285+20
 PG STA 285+30
 PG STA 285+40
 PG STA 285+50
 PG STA 285+60
 PG STA 285+70
 PG STA 285+80
 PG STA 285+90
 PG STA 285+00
 PG STA 285+10
 PG STA 285+20
 PG STA 285+30
 PG STA 285+40
 PG STA 285+50
 PG STA 285+60
 PG STA 285+70
 PG STA 285+80
 PG STA 285+90

280

PG STA 280+00
 PG STA 280+10
 PG STA 280+20
 PG STA 280+30
 PG STA 280+40
 PG STA 280+50
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 PG STA 280+20
 PG STA 280+30
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 PG STA 280+50
 PG STA 280+60
 PG STA 280+70
 PG STA 280+80
 PG STA 280+90



PROJECT NUMBER: LR-2812	SHEET NO. 279
DATE: 10/1/81	SCALE: AS SHOWN
INCOMPLETE PLANS DO NOT BE USED FOR CONSTRUCTION PRELIMINARY PLANS DO NOT BE USED FOR CONSTRUCTION	

SITE LR-2812

Profile Drawing
Sheet 1 of 3



PROFILE ALONG C OF CULVERT

PROJECT NUMBER: R-2812
 SHEET NO.: CS-24
 DRAWING TITLE: PROFILE

INCOMPLETE PLANS
 IN THE CASE OF A
 PRELIMINARY PLANS
 IN THE CASE OF A
 PRELIMINARY PLANS

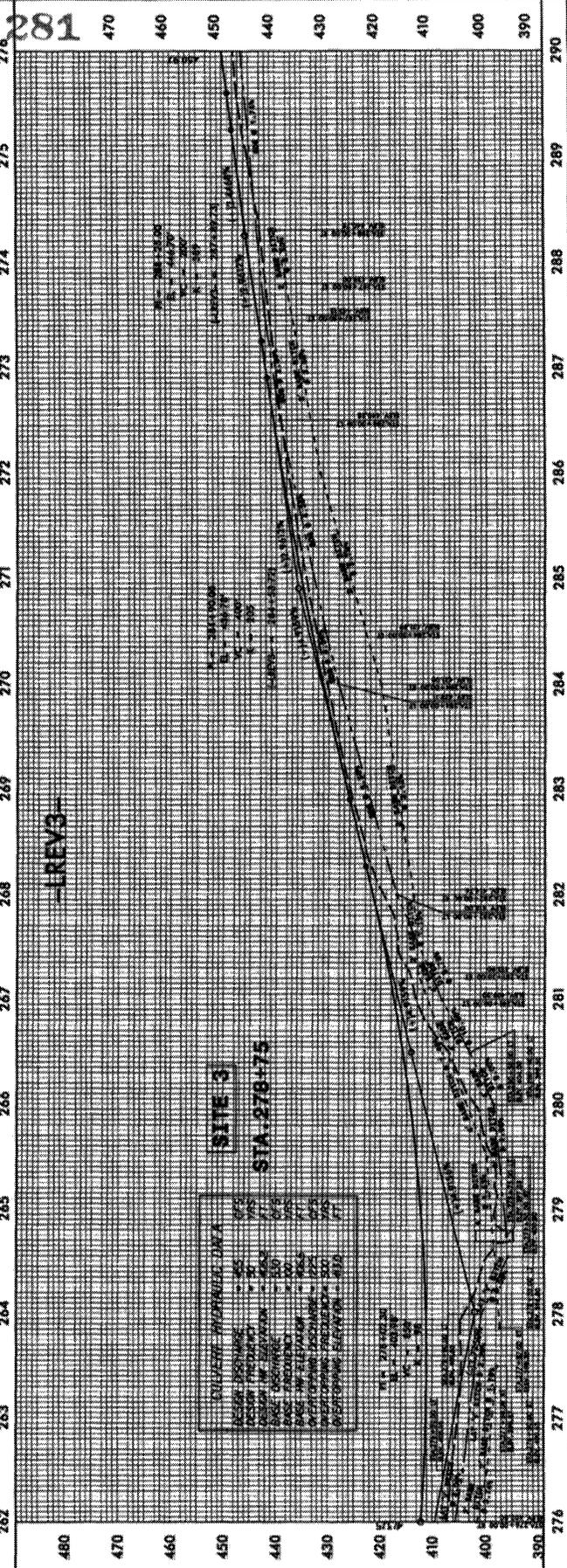
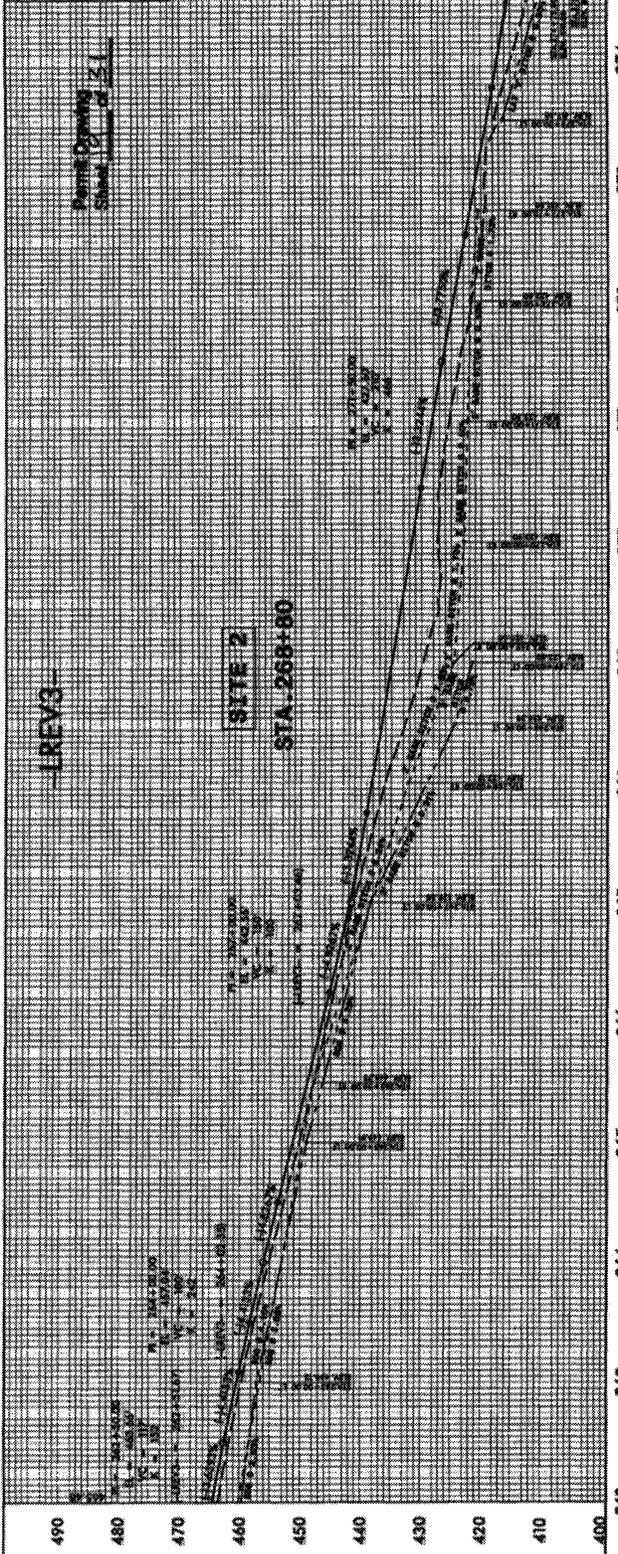
Sheet Drawing
 Sheet 18 of 23

SITE 3 R-2812



PROFILE ALONG C OF CULVERT

PROJECT NUMBER: 44
 SHEET NO. 44
 PRELIMINARY PLANS
 NO. 107 FOR THE UNIVERSITY OF CALIFORNIA



SITE 3
STA. 278+75

COLLECTOR HYDRAULIC DATA	1/2"
DESIGN FLOW	1.00
DESIGN VELOCITY	2.00
DESIGN PERCENTAGE	1.00
DESIGN PROTECTIVE	1.00
DESIGN FLOW ELEVATION	425
DESIGN PROTECTIVE ELEVATION	425

WETLANDS

Permitting
Sheet 20 of 25

R-2812
PERMIT SITE #3

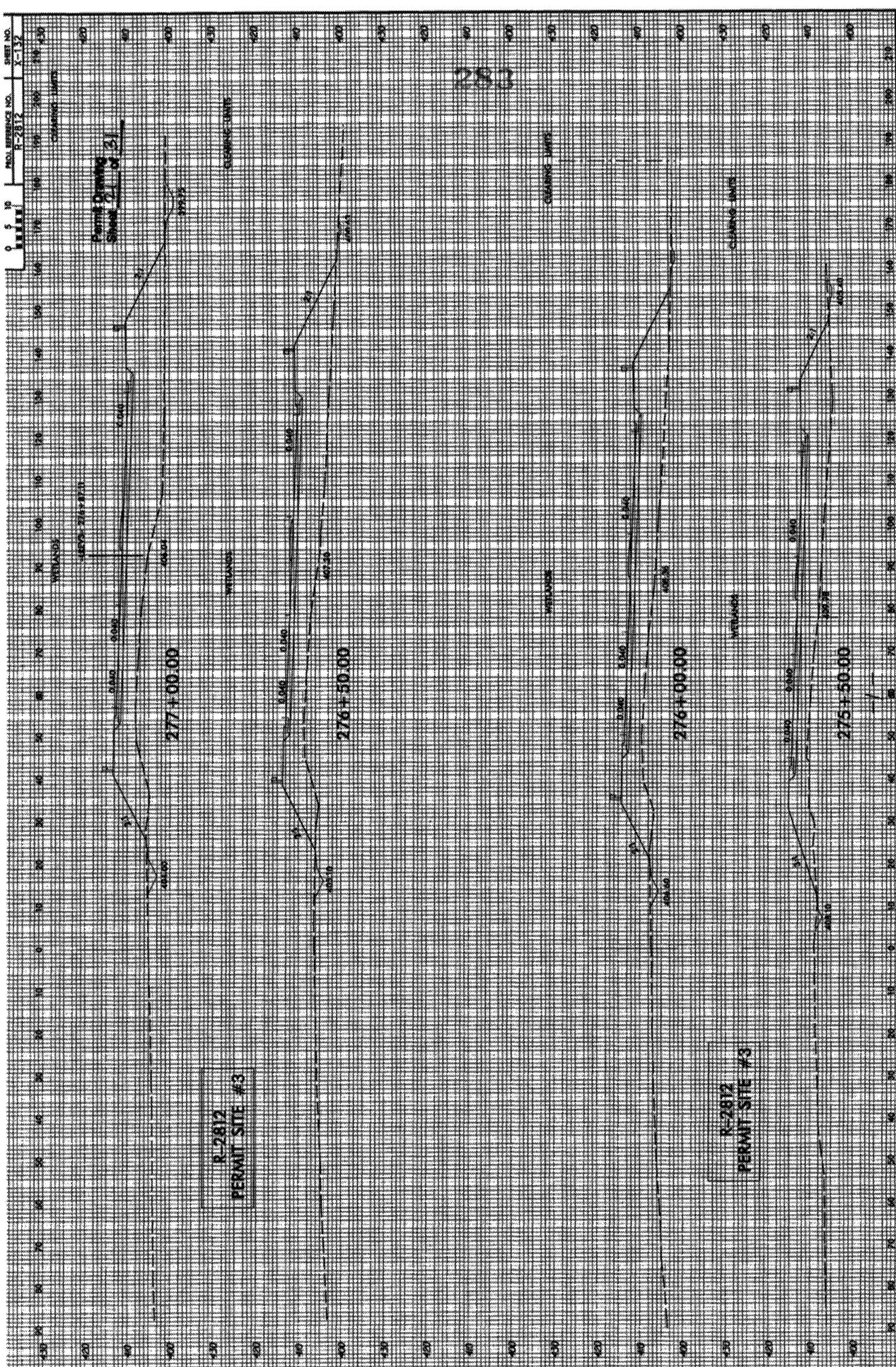
275+00.00

274+50.00

274+00.00

273+50.00

282



283

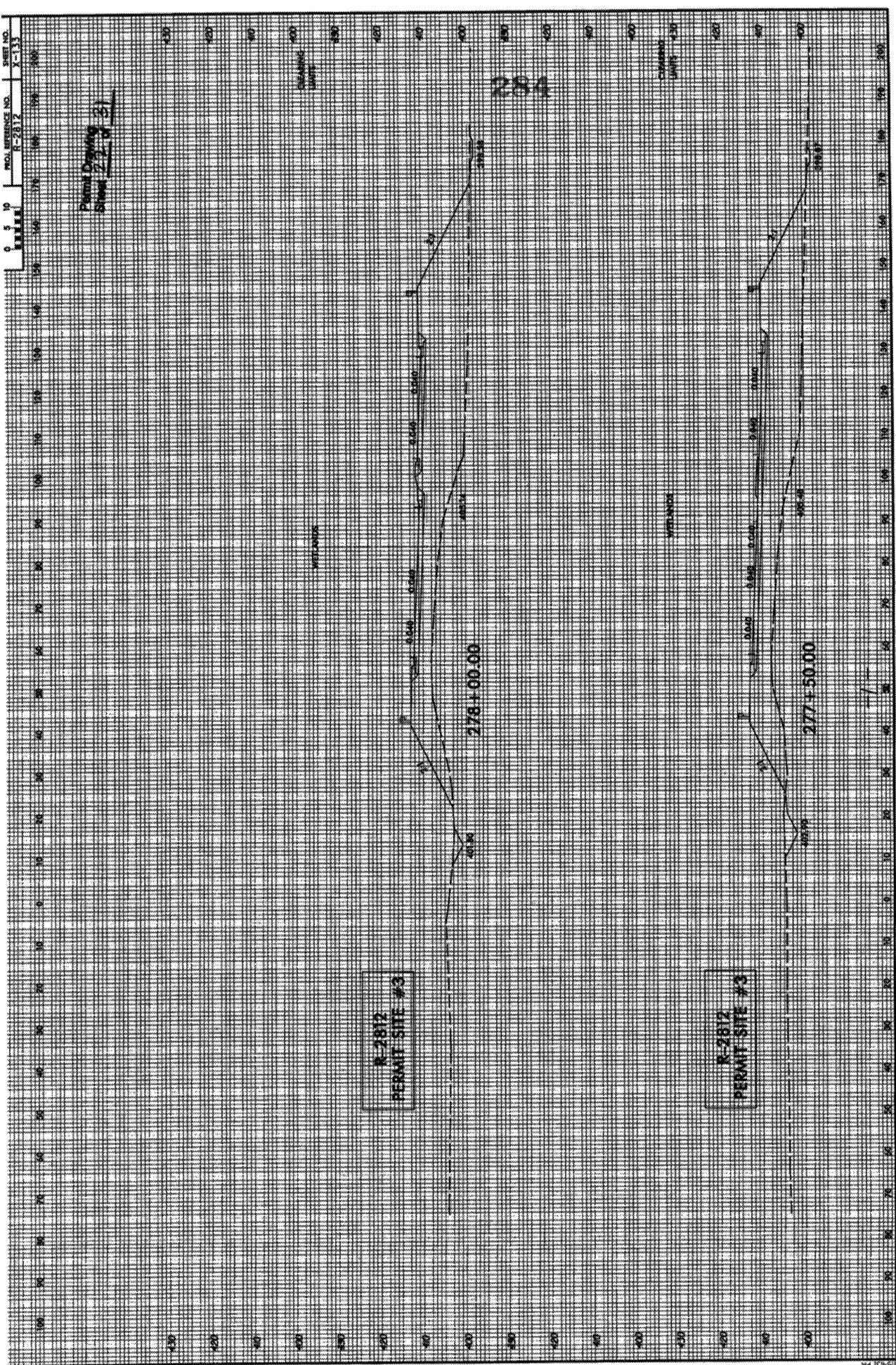
Permit Drawing
Sheet 2 of 3

R-2812
PERMIT SITE #3

R-2812
PERMIT SITE #3

0 5 10
PROJ. REFERENCE NO. E-2812
SHEET NO. X-33

Planed Drawing
Sheet 22 of 31



R-2812
PERMIT SITE #3

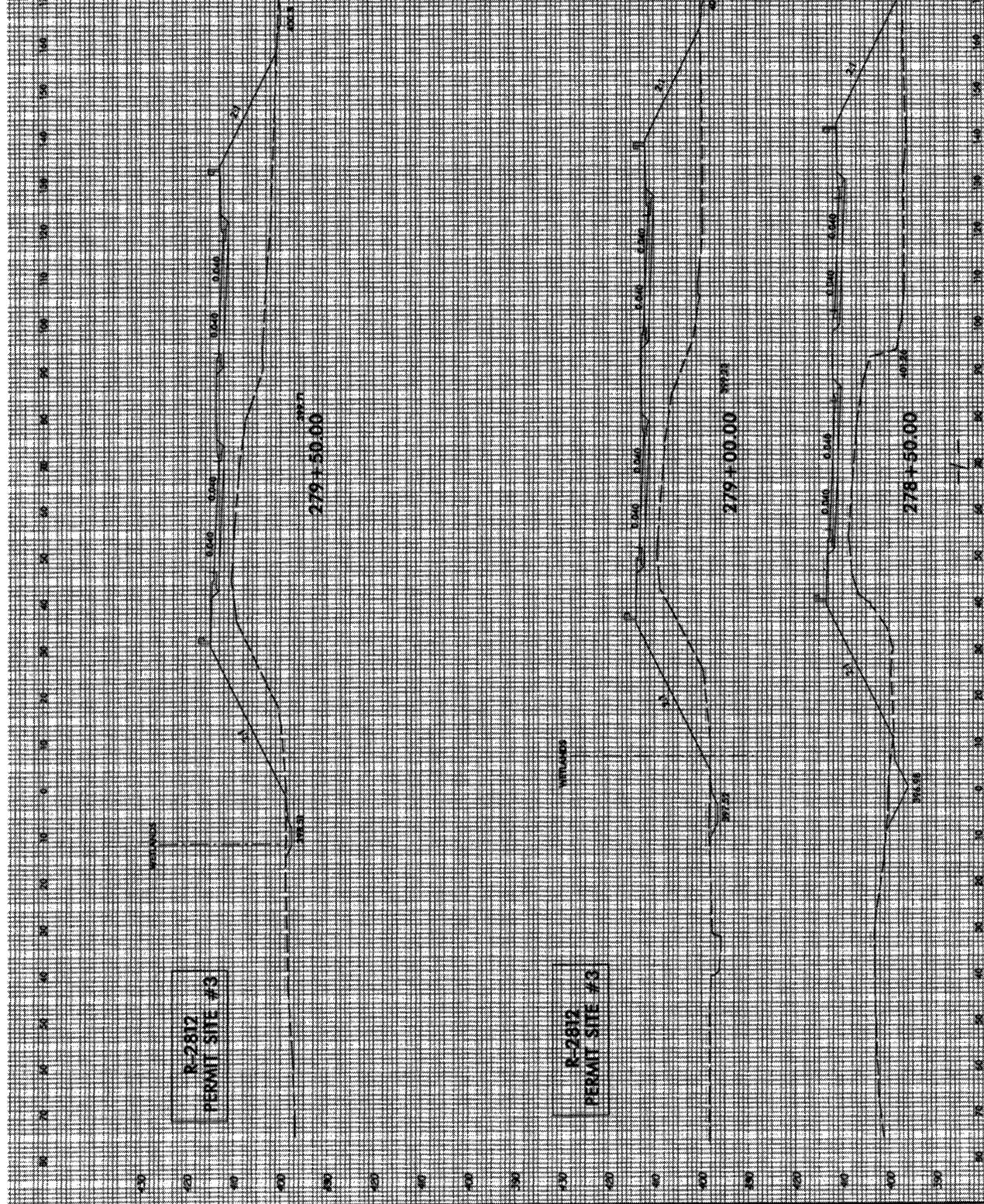
R-2812
PERMIT SITE #3

278+00.00

277+50.00

284

Permit Drawing
Sheet 25 of 26



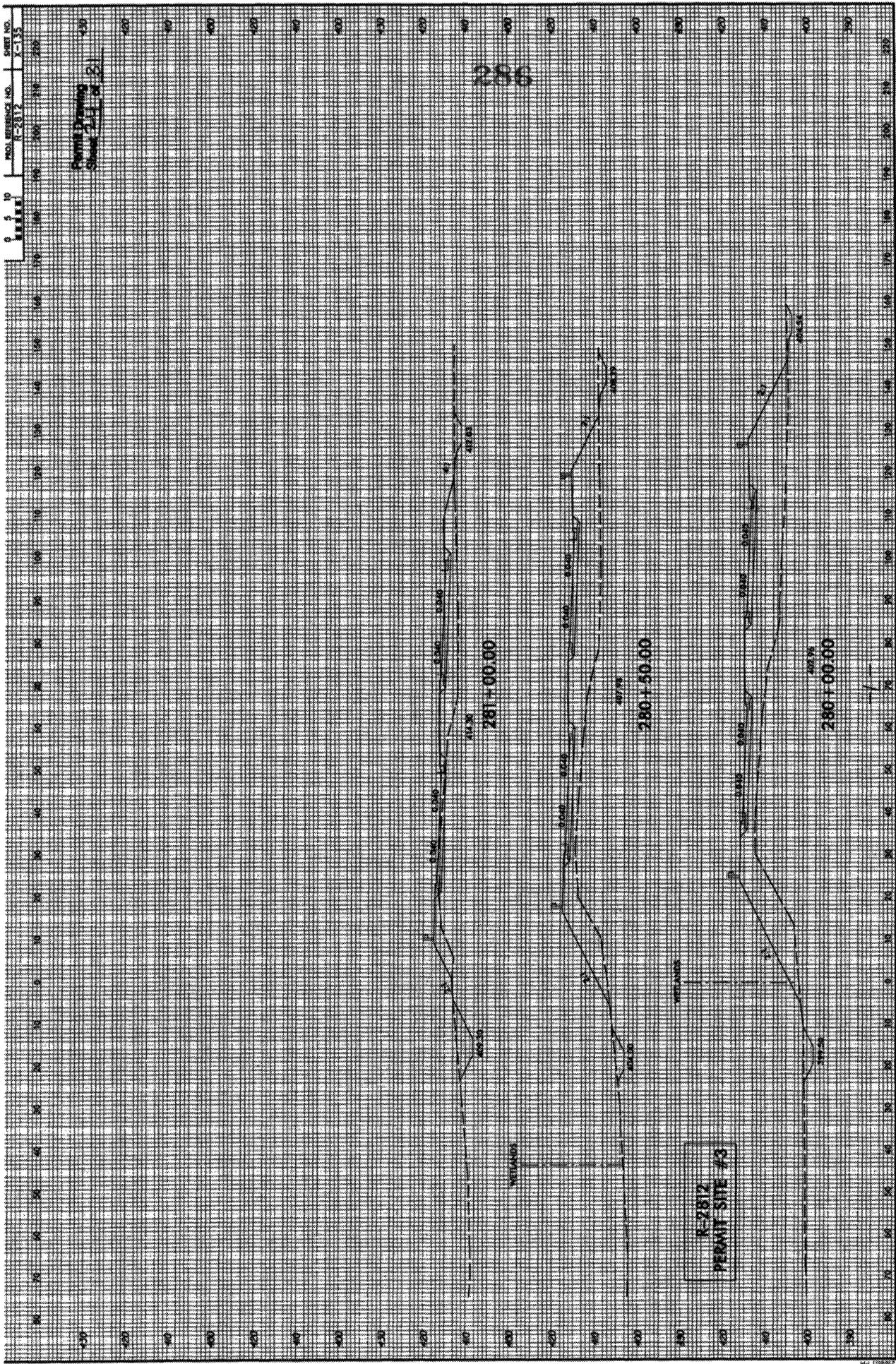
R-2812
PERMIT SITE #3

R-2812
PERMIT SITE #3

255

Permit Drawing
Sheet 7-135 of 21

286



R-2812
PERMIT SITE #3



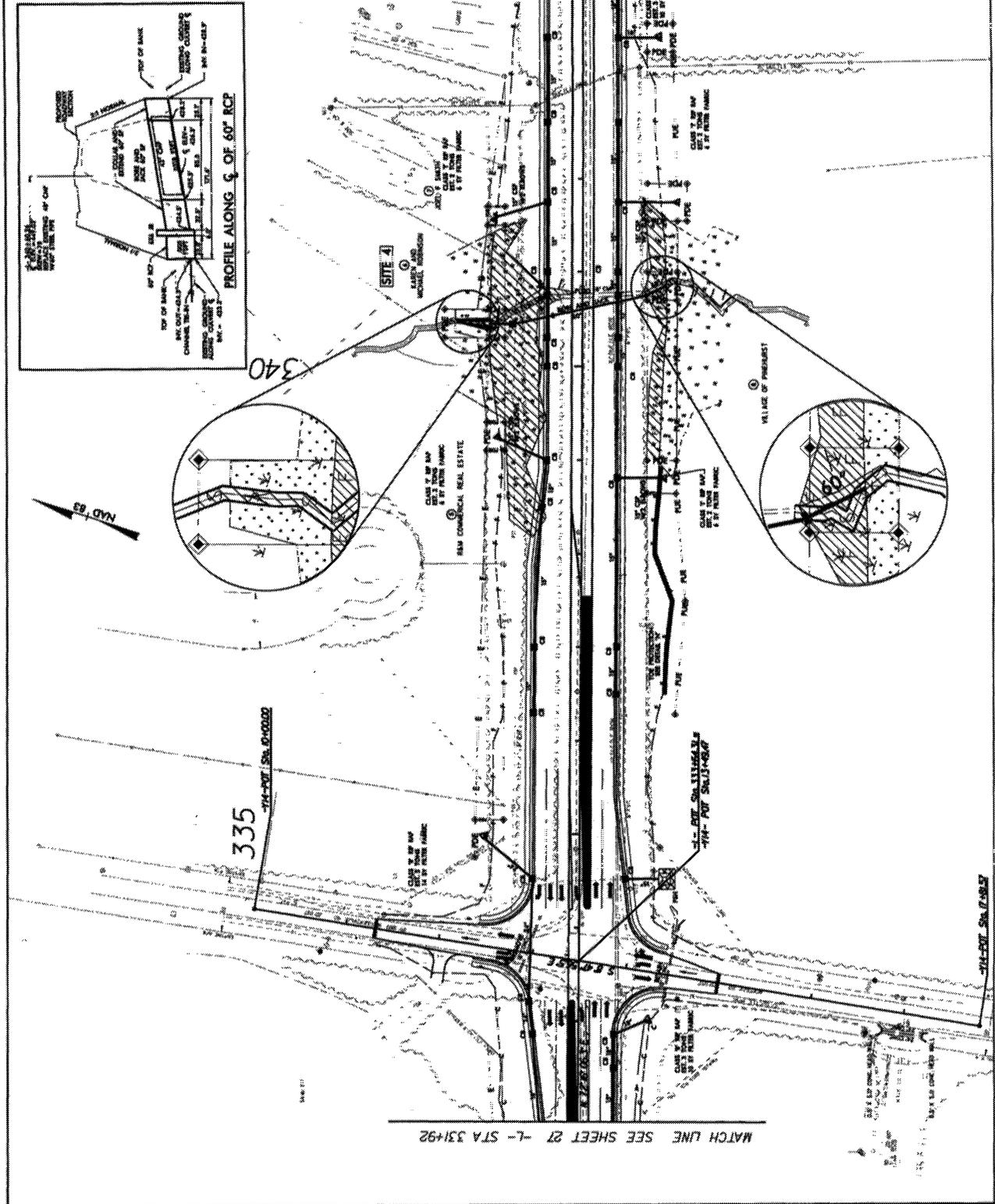
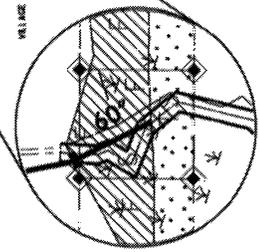
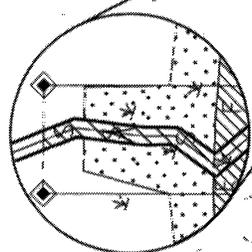
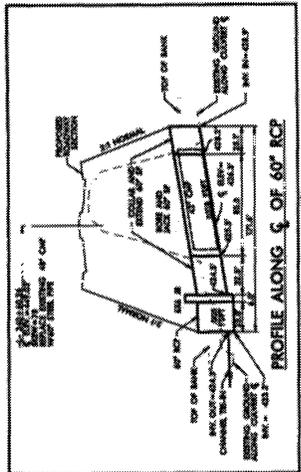
PROJECT NUMBER: P-2882
 SHEET NO. 28
 INCOMPLETE PLANS
 PRELIMINARY PLANS
 PERMITTING

LEGEND
 UNDESIGNED
 UNDESIGNED

Permit Drawing
 Sheet 25 of 31

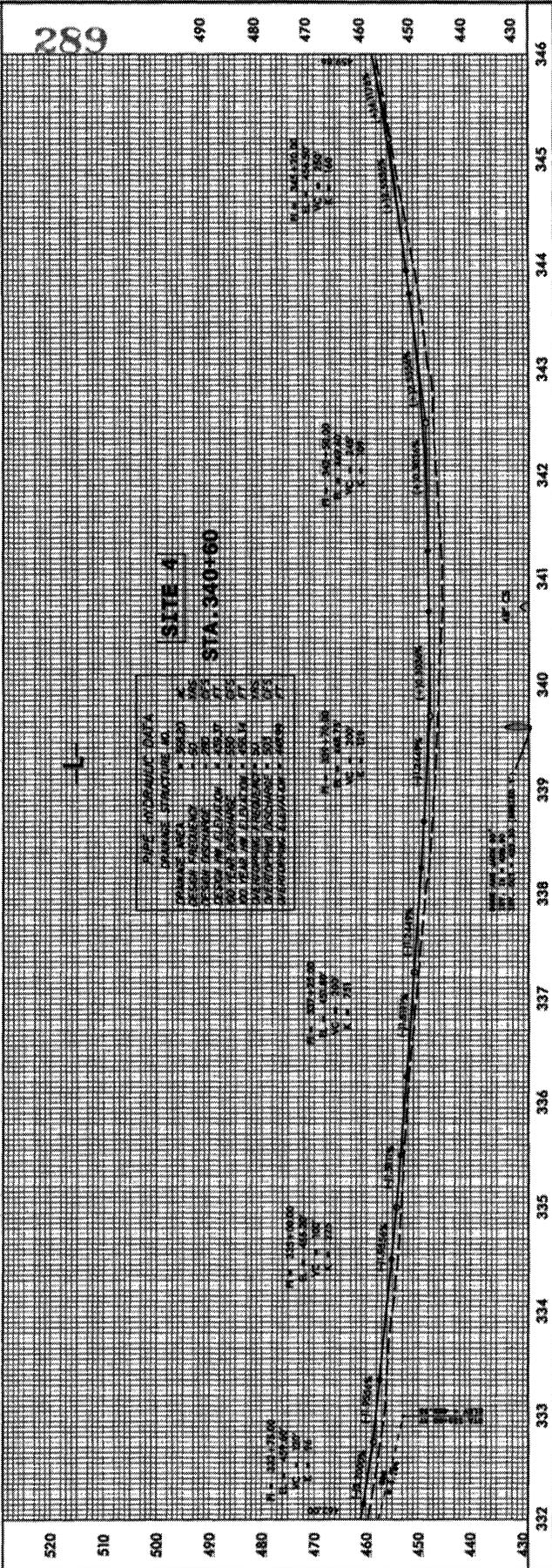
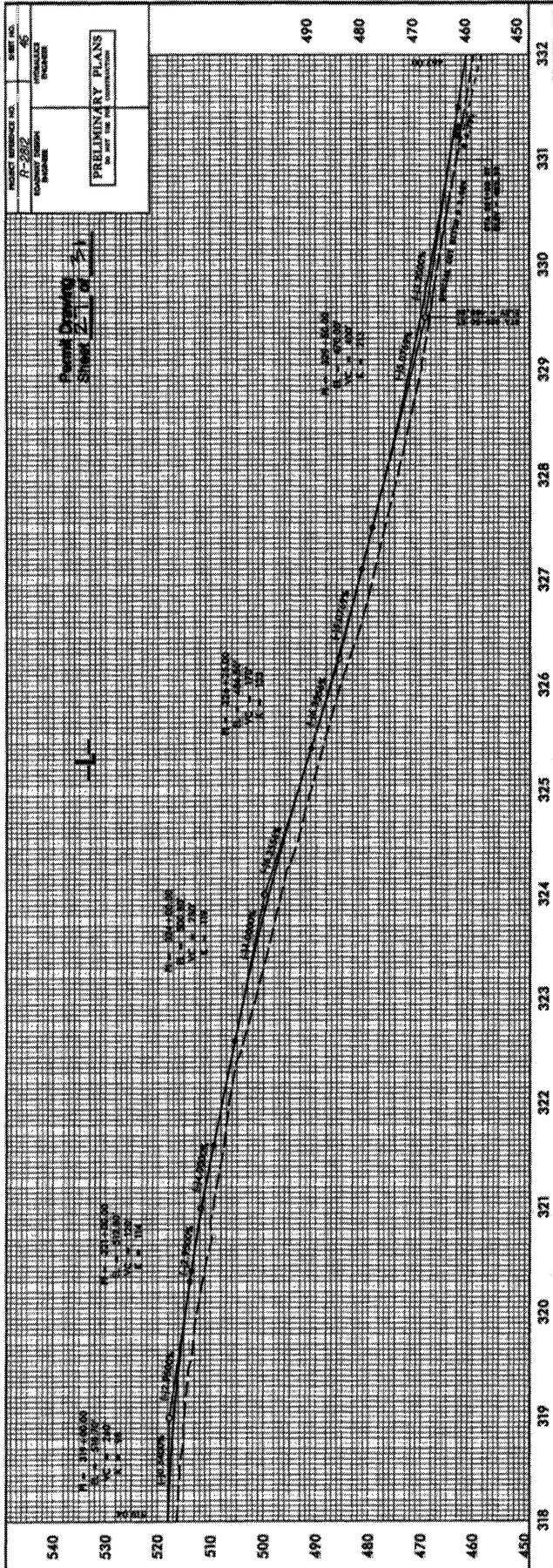
287

MATCH LINE SEE SHEET 29 - L - STA 344+92



MATCH LINE SEE SHEET 27 - L - STA 331+92

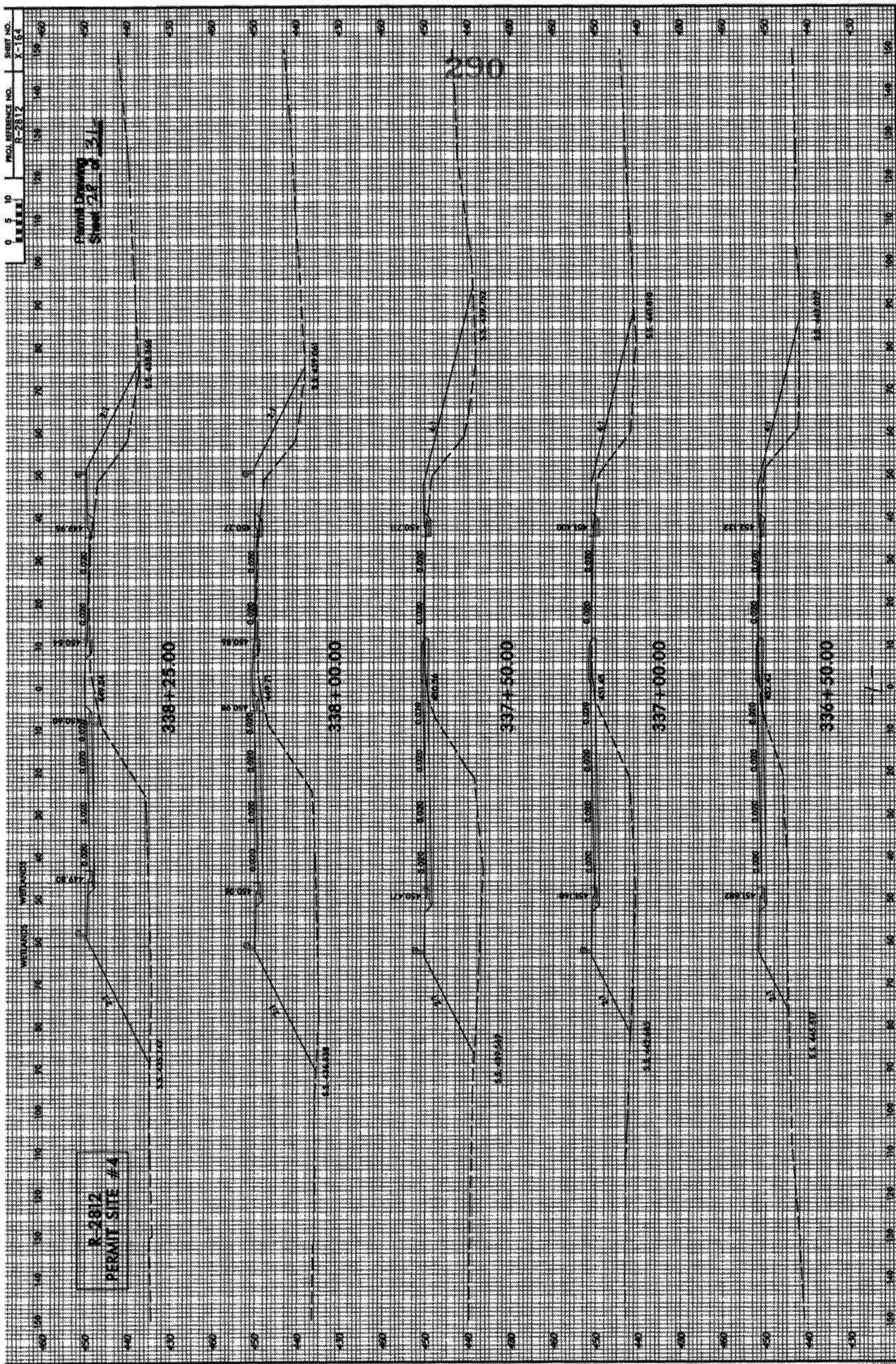
REVISIONS



R-2812
PERMIT SITE #4

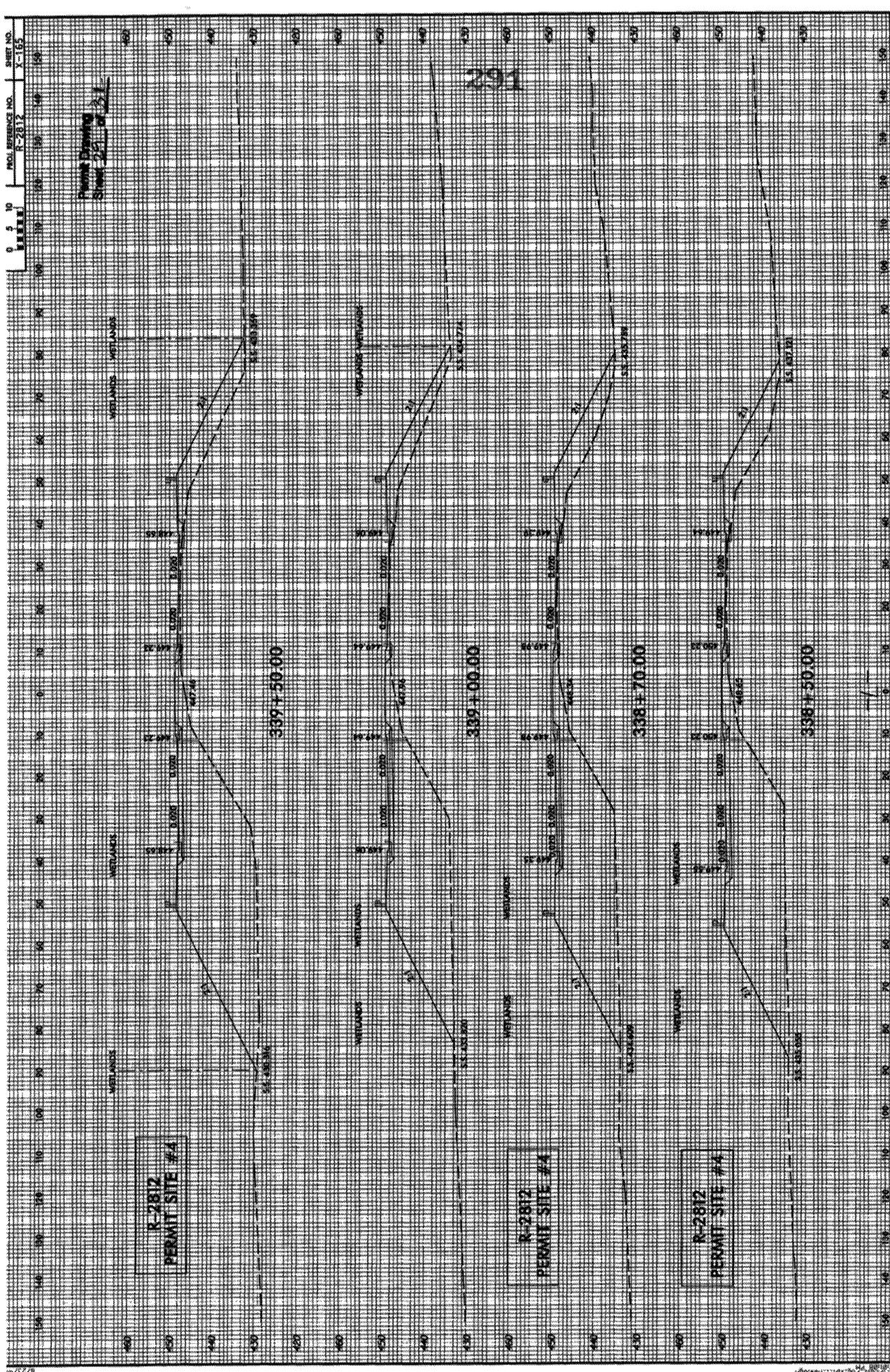
Permit Drawing
Sheet 28 of 31

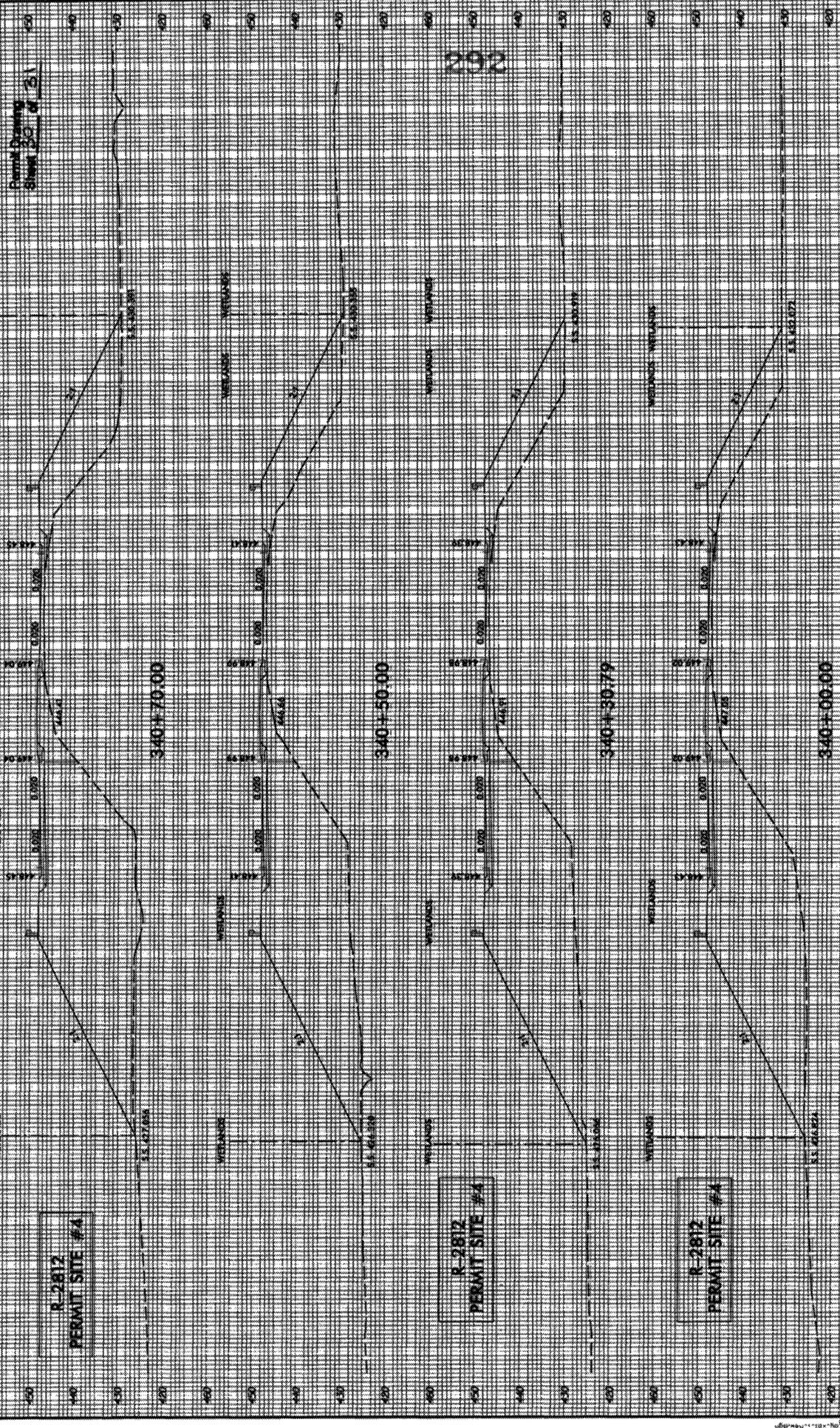
290



Permit Drawing
Sheet 2-15 of 2-1

291





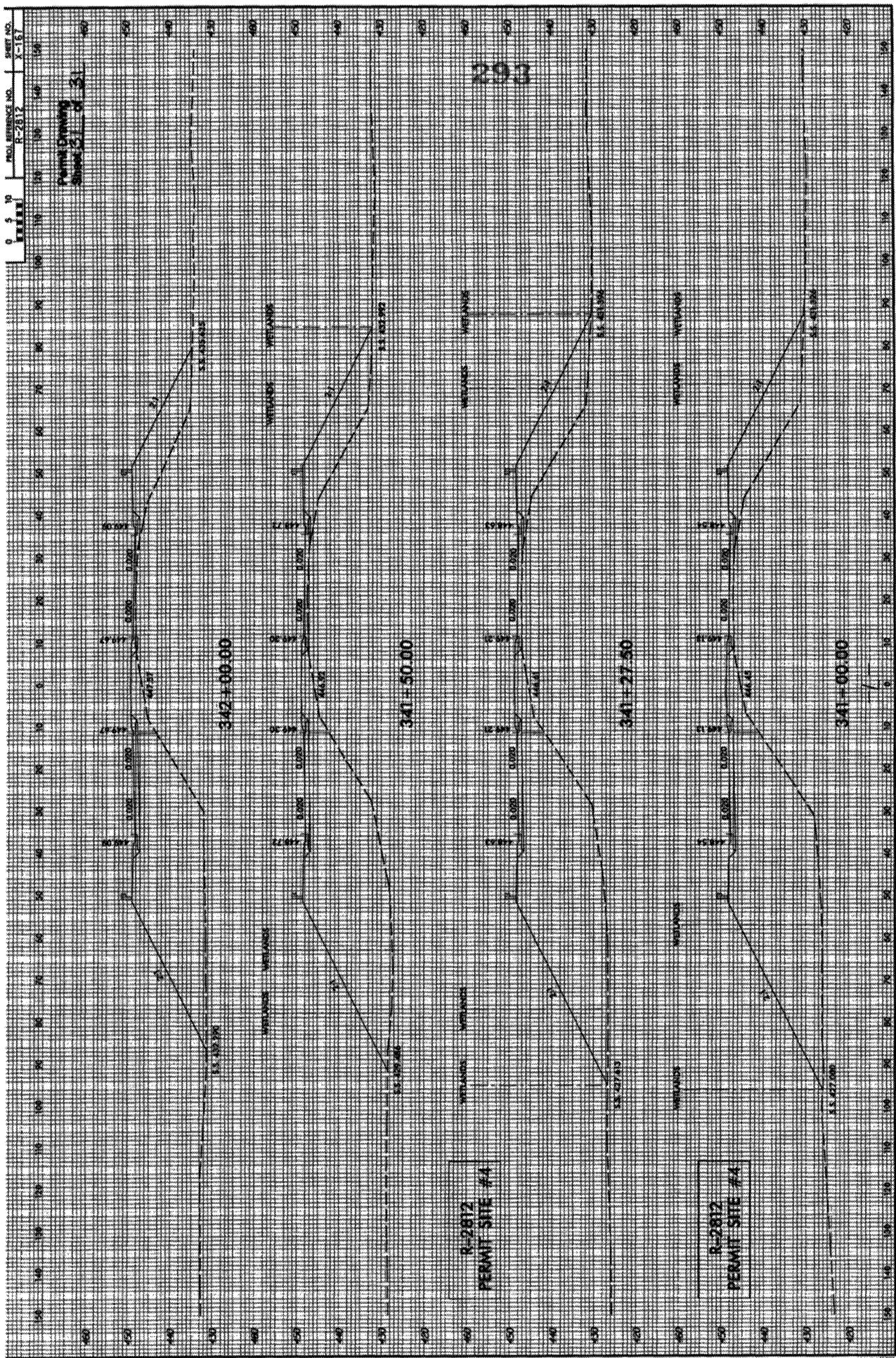
R-2812
PERMIT SITE #4

R-2812
PERMIT SITE #4

R-2812
PERMIT SITE #4

PAVING CONTRACT
Sheet 2 of 3

293



R-2812
PERMIT SITE #4

R-2812
PERMIT SITE #4