

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.

<u>PERMIT</u>	<u>AUTHORITY GRANTING THE PERMIT</u>
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.

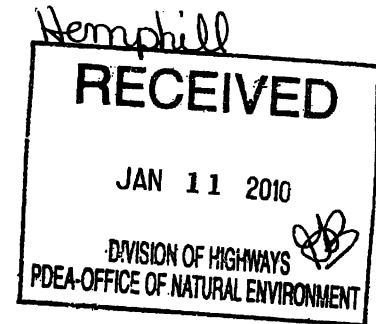
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REPLY TO
ATTENTION OF:

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

January 6, 2010



Regulatory Division

Action ID No. SAW-2007-2197-357/300, TIP No. R-2518 A/B and R-2519 A

Gregory J. Thorpe, Ph.D., Director
Project Development and Environmental Analysis Branch
North Carolina Department of Transportation
1598 Mail Service Center
Raleigh, North Carolina 27699-1598

Dear Dr. Thorpe:

Reference the Department of the Army (DA) permit issued on April 17, 2008 to the North Carolina Department of Transportation to discharge dredged or fill material into 0.94 acres of wetland and 14,766 linear feet of stream channel within the Little Ivy Creek, Cane River, and South Toe River drainages associated with the widening of approximately 21 miles of US Highway 19/19E in Madison and Yancey Counties, North Carolina (TIP No's. R-2518 A/B and R-2519 A). Also reference your written requests of July 31, 2009 and November 4, 2009 to modify permitted impacts to waters of the United States within two segments of the US Highway 19 construction corridor.

Your July 31, 2009 modification request addresses Section R-2519A of the US 19E widening project. The original permit, based upon preliminary design, authorized impacts of 5,309 linear feet to surface waters and 0.29 acre to jurisdictional wetlands. Current impacts, now based upon final design plans received with your submittal, have been reduced to 4,509 LF of stream loss, increased slightly to 0.30 acre of wetland impacts, and include 1,019 LF of bank stabilization

Your November 4, 2009 modification request addresses the additional piping of 1,228 LF of Ivy Gap Branch as a result of the elimination of a retaining wall which was depicted on the original Roadway Plan Sheets 30-31 within the R-2518A Section of the project. The change is necessary due to poor soil conditions discovered during geotechnical studies. This revision has been coordinated with and agreed to by all NEPA/404 Merger Team members. The resulting additional stream channel loss includes a 307 linear foot segment of stream which was utilized for preservation mitigation credits in the original permit authorization. This segment, coupled with the aforementioned piping of Ivy Gap Branch, will require additional mitigation for the equivalent of 1,535 linear feet of stream channel. NCEEP has indicated in a letter dated November 5, 2009, that they agree to implement the additional mitigation for the project up to a 3:1 ratio within the French Broad HUC 06010105.

We have reviewed the above proposals and in accordance with your written requests have hereby modified your original authorization. The plans submitted with your requests replace those authorized by our original April 17, 2008 permit. Any further modification to the permit plans must be approved by the USACE prior to implementation.

Special Condition No. 15 of the referenced permit is hereby modified to include the additional language:

*“ In order to compensate for the additional unavoidable impacts to stream channels, the permittee shall mitigate for unavoidable impacts to 1,535 linear feet of cold-water stream channel associated with this modification by payment to the North Carolina Ecosystem Enhancement Program (NCEEP) in an amount determined by the NCEEP, sufficient to perform 4,605 linear feet of cold-water stream restoration within Cataloging Unit 06010105 of the French Broad River Basin in accordance with the NCEEP Mitigation Acceptance Letter of July 9, 2009 from William D. Gilmore, Director, NCEEP

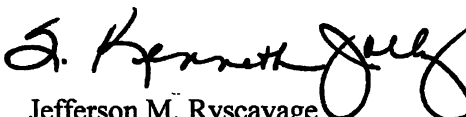
Special Condition No. 19 of the original permit is modified to read as follows:

“All conditions of the North Carolina Division of Water Quality’s Section 401 Water Quality Certification No. 3706, original dated October 11, 2007, and subsequently modified on March 17, 2008, February 20, 2009, September 4, 2009, and December 11, 2009, are hereby incorporated as special conditions of this permit.

It is understood that all other conditions of the original permit remain applicable and that the expiration date is unchanged.

If you have any questions, please contact Mr. David Baker, Asheville Field Office, Regulatory Division, telephone (828) 271-7980, extension 225.

Sincerely,


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

Copies furnished:

J.J. Swain, Jr., P.E., Division Engineer
NC Department of Transportation, Division 13
Post Office Box 3279
Asheville, North Carolina 28802

Mr. Brian Wrenn
NC Division of Water Quality
Transportation Permitting Unit
1650 Mail Service Center
Raleigh, North Carolina 27699-1650



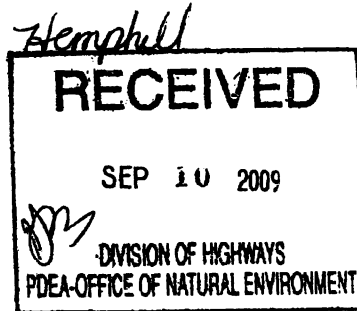
North Carolina Department of Environment and Natural Resources
Division of Water Quality

Beverly Eaves Perdue
Governor

Coleen H. Sullins
Director

Dee Freeman
Secretary

September 4, 2009



Approval of 401 Water Quality Certification with Additional Conditions

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: Modification to the 401 Water Quality Certification Pursuant to Section 401 of the Federal Clean Water Act for Proposed Improvements to US Highway 19/US 19E from future I-26 (existing US 19-23) to NCSR 1186 in Yancey County, State Project No. 6.869005T and 6.909001T, TIP No. R-2518A, R-2518B and R-2519A. DWQ Project No. 2007-1134V.4, Individual Certification No. 3706.

Dear Dr. Thorpe:

Attached hereto is a modification of Certification No. 3706 issued to the North Carolina Department of Transportation dated September 4, 2009. This modification is applicable only to the additional proposed activities and is **applicable only to Section R-2519A**. All the authorized activities and conditions of certification associated with the original Water Quality Certification dated October 11, 2007 and subsequent modifications (dated March 17, 2008 and February 20, 2009), still apply, except where superceded by this Certification.

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

Sincerely,

Roger C. Edwards
for Coleen Sullins,
Director

Attachments

- cc: David Baker, USACE, Asheville Field Office
- J. J. Swain, Division Engineer, NCDOT Division 13
- Kathy Matthews, Environmental Protection Agency
- Marla Chambers, NCWRC
- Marella Buncick, USFWS
- Transportation Permitting Unit
- Mike Parker, Asheville Regional Office

071134V 4 (Thorpe) US Highway 19-19E

SURFACE WATER PROTECTION SECTION – ASHEVILLE REGIONAL OFFICE
Location: 2090 U.S. Highway 70, Swannanoa, North Carolina 28778
Phone: 828-296-4500 \ FAX: 828-299-7043 \ Customer Service: 1-877-623-6748
Internet: www.ncwaterquality.org
An Equal Opportunity \ Affirmative Action Employer

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Division of Highways

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Preconstruction
Project Development and
Environmental Analysis Branch

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Modification to the 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 92-217 of the United States and subject to the North Carolina Division of Water Quality (DWQ) Regulations in 15 NCAC 2H, Section .0500. This certification authorizes the NCDOT to impact 6,101 linear feet of streams and 0.30 acres of wetlands in the French Broad River Basin in Yancey County. The project shall be constructed pursuant to the modification request dated July 31, 2009. The authorized impacts are as described below:

Table1-Stream Impacts in the French Broad River Basin for R-2519A

Site R-2519A	Stream Relocation in Perennial Stream (lf)	Stream bank Stabilization in Perennial Stream (lf)	Permanent Fill in Perennial Stream (lf)	Temporary Fill in Perennial Stream (lf)	Total Stream Impact (lf)	Stream Impacts Requiring Mitigation (lf)
1	0	13	55	16	84	0
2	0	26	59	18	103	0
3	0	13	41	8	62	0
4	0	33	13	12	58	0
5	0	0	83	13	96	0
6	0	30	51	11	92	0
7	0	0	0	0	0	0
8	0	0	19	9	28	0
9	0	16	16	25	57	0
9A	0	25	0	0	25	0
10	0	23	691	47	761	714
11	0	19	13	10	42	0
12	0	98	34	20	152	0
13	0	16	66	15	97	0
14	0	270	0	0	270	0
15	0	48	82	38	168	0
16	0	0	41	15	56	0
17	0	0	0	0	0	0
18	0	40	69	0	109	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0
21	0	20	46	35	101	0
22	0	40	211	19	270	251
23	0	87	45	9	141	0
24	0	0	535	0	535	535
25	0	0	186	34	220	186
26	583	0	0	11	594	583
27	0	0	143	11	154	0
28	0	133	42	58	233	175
29	0	0	294	14	308	294
30	0	0	200	7	207	200

31	0	14	40	20	74	0
32	217	0	0	10	227	217
33	0	0	325	26	351	325
34	0	0	208	20	228	208
35	0	55	18	20	93	0
36	0	0	24	12	36	0
37	0	0	59	10	69	0
Total	800	1,019	3,709	573	6,101	3,688

Total Additional Stream Impact for R-2519A: 6,101 linear feet.

Table 2-Wetland Impacts for R-2519A in the French Broad River Basin

Site	Fill (ac)	Fill (temporary) (ac)	Excavation (ac)	Mechanized Clearing (ac)	Hand Clearing (ac)	Total Wetland Impact (ac)
R-2519A						
17 - Non-Riverine	0.02	0	0	0.02	0	0.04
19 - Riverine	0.15	0	0	0.09	0	0.24
20 - Riverine	0.01	0	0	0.01	0	0.02
Total	0.18	0	0	0.12	0	0.30

Total Wetland Impact for R-2519A: 0.30 acres.

The application provides adequate assurance that the discharge of fill material into the waters of the French Broad River Basin 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 July 31, 2009 and received on August 6, 2009. All the authorized activities and conditions of certification associated with the original Water Quality Certification dated October 11, 2007 and modifications dated March 17, 2008 and February 20, 2009, still apply except where superceded by this certification. Should your project change, you are required to notify the DWQ and submit a new application. If the property is sold, the new owner must be given a copy of the 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 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 US Army Corps of Engineers Permit.

Conditions of Certification:

Project Specific Conditions

1. This Certification authorizes only impacts to streams and wetlands for Section R-2519A from Station No. -L-228+50 to Station No. L-340+50.
- *2. Compensatory mitigation for impacts to 3,688 linear feet of streams at a replacement ratio of 1:1 is required. Compensatory mitigation for impacts to jurisdictional streams shall be provided by a combination of on-site

stream restoration, enhancement, preservation, and through the NC Ecosystem Enhancement Program (EEP). EEP will provide the required mitigation that cannot be provided onsite. The on-site stream relocation shall be constructed in accordance with the mitigation plans submitted in your July 31, 2009 application. All on-site mitigation sites shall be protected in perpetuity by a conservation easement or through NCDOT fee simple acquisition and recorded in the NCDOT Natural Environment Unit Mitigation geodatabase. Please be reminded that as-builts for the completed streams shall be submitted to the NC Division of Water Quality Transportation Permitting Unit with the as-builts for the rest of the project. If the parameters of this condition are not met, then the permittee shall supply additional stream mitigation for the 3,688 linear feet of impacts. We understand that you have chosen to perform off-site compensatory mitigation for impacts to streams through the North Carolina Ecosystem Enhancement Program (EEP), and that EEP has agreed to implement the mitigation for the project. EEP has indicated in a letter dated October 22, 2007 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.

3. The onsite stream mitigation shall be constructed in accordance with the design submitted in you July 31, 2009, application. Please be reminded that as-builts for the completed streams shall be submitted to the NC Division of Water Quality Transportation Permitting Unit with the as-builts for the rest of the project. If the parameters of this condition are not met, then the permittee shall supply additional stream mitigation for the 3,688 linear feet of impacts. All channel relocations will be constructed in a dry work area, shall be completed and stabilized, and must be approved by DWQ staff, prior to diverting water into the new channel. Whenever possible, channel relocations shall be allowed to stabilize for an entire growing season. Vegetation used for bank stabilization shall be limited to native woody species, and should include establishment of a 30 foot wide wooded and an adjacent 20 foot wide vegetated buffer on both sides of the relocated channel to the maximum extent practical. All stream banks shall be matted with coir fiber matting. Also, rip-rap may be allowed if it is necessary to maintain the physical integrity of the stream, but the applicant must provide written justification and any calculations used to determine the extent of rip-rap coverage requested.

Table 3 - On-site Stream Mitigation for R-2519A

Site	Mitigation Type	Length (ft.)	Buffer (ft./side)
26 (George Fork)	Restoration	580	30
29 (Shoal Creek)	Restoration	233	24
32 (UT to Plum Creek)	Restoration	210	20
33 (Plum Creek)	Restoration	157	25
	Total	1,180	279

Additional mitigation credits may be available on R-2518A and R-2518B.

4. The permittee shall monitor the stream relocation sites following the Level 1 protocols outlined in the "Stream Mitigation Guidelines" dated April 2003 with the following exceptions:
 - a. Pebble counts shall not be conducted.
 - b. Two cross sections shall be conducted for streams less than 500 linear feet and five cross sections shall be conducted for streams greater than 500 linear feet.
 - c. Riparian success shall be by visual inspection of plant survival. Photos will be taken and comments noted on plant survival.

The monitoring shall be conducted annually for a minimum of five years after final plantings. The monitoring results shall be submitted to NCDWQ in a final report within sixty (60) days after completing monitoring. After five years the NCDOT shall contact the NCDWQ to schedule a site visit to "close out" the mitigation site.

5. NCDOT shall adhere to all appropriate in-water work moratoriums (including the use of pile driving) prescribed by the US Fish and Wildlife Service and the NC Wildlife Resources Commission.

Cane River and South Toe River- no in-water work from April 1 to June 30 - Appalachian Elk-toe Mussel,

Big Crabtree Creek-no in-water work from October 15 through April 15 - Brook or Brown Trout,

Little Crabtree Creek, Brushy Creek and Long Branch- no in-water work from January 1 through April 15 - Rainbow Trout.

All other unnamed tributaries should use the moratorium appropriate for the named stream they flow to, unless survey data indicate otherwise.

6. For projects impacting waters classified by the NC Environmental Management Commission as High Quality Waters (HQW), or Water Supply I or II (WS-I or WS-II) stormwater shall be directed to vegetated buffer areas, grass-lined ditches other means appropriate to the site for the purpose of pre-treating stormwater runoff prior to discharging directly into streams. Mowing of existing vegetated buffers is strongly discouraged.
- 7 The permittee shall use *Design Standards in Sensitive Watersheds*/ [15A NCAC 4B.0124(a)-(e)] in areas draining to trout waters. However, due to the size of the project, NCDOT shall not be required to meet 15A NCAC 4B.0124(a) regarding the maximum amount of uncovered acres. Temporary cover (wheat, millet, or similar annual grain) or permanent herbaceous cover should be planted on all bare soil within 15 business days of ground disturbing activities, to provide erosion control. Coir fiber matting should be used in conjunction with appropriate seeding on disturbed soils in steep slope and riparian areas, and should be secured in place with staples and wherever possible, include live stakes of native trees.

Straw mulch and tall fescue shall not be used in the establishment of temporary or permanent groundcover within riparian zones. Coir fiber matting shall be used in conjunction with appropriate seeding for the establishment of permanent herbaceous cover on disturbed soils within the riparian area. Hydro seeding along with wood or cellulose based hydro mulch applied from a fertilizer and limestone free tank is allowable at the appropriate rate for the establishment of temporary groundcover within riparian zones. 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.

General Conditions

8. Bridge deck drains should not discharge directly into the streams. Stormwater shall be directed across the bridge and pre-treated through site-appropriate means (grassed swales, pre-formed scour holes, vegetated buffers, etc.) before entering the stream. Please refer to the most current version of *Stormwater Best Management Practices*. Stormwater shall be managed in accordance with your State Stormwater Permit issued by DWQ.
9. The post-construction removal of any temporary bridge structures must return the project site to its preconstruction contours and elevations. The impacted area shall be revegetated with appropriate native species.
10. Strict adherence to the most recent version of NCDOT's Best Management Practices For Bridge Demolition and Removal approved by the US Army Corps of Engineers is a condition of the 401 Water Quality Certification.
11. Bridge piles and bents shall be constructed using driven piles (hammer or vibratory) or drilled shaft construction methods. More specifically, jetting or other methods of pile driving are prohibited without prior written approval from NCDWQ.

12. Bridge deck drains should not discharge directly into the streams. Stormwater shall be directed across the bridge and pre-treated through site-appropriate means (grassed swales, pre-formed scour holes, vegetated buffers, etc.) before entering the stream. Please refer to the most current version of *Stormwater Best Management Practices*.
13. No drill slurry or water that has been in contact with uncured concrete shall be allowed to enter surface waters. This water shall be captured, treated and disposed of properly.
14. All pile driving or drilling activities shall be enclosed in turbidity curtains unless otherwise approved by NCDWQ in this certification.
15. All bridge construction shall be performed from the existing bridge, temporary work bridges, temporary causeways or floating or sunken barges. If work conditions require barges, they shall be floated into position and then sunk. The barges shall not be sunk and then dragged into position. Under no circumstances should barges be dragged along the bottom of the surface water.
16. 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.
17. Unless otherwise approved in this certification, placement of culverts and other structures in waters, streams, and wetlands 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 down stream 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.
18. 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.
- * 19. The Permittee shall ensure that the final design drawings adhere to the permit and to the permit drawings submitted for approval.
20. 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.
21. 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.
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. 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.
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. The Permittee shall report any violations of this certification to the Division of Water Quality within 24 hours of discovery
- * 27. 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.
28. 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.
29. 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:
- 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*.
 - 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.
 - 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*.
 - The reclamation measures and implementation must comply with the reclamation in accordance with the requirements of the Sedimentation Pollution Control Act.
30. Sediment and erosion control measures shall not be placed in wetlands or waters unless otherwise approved by this Certification.

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.

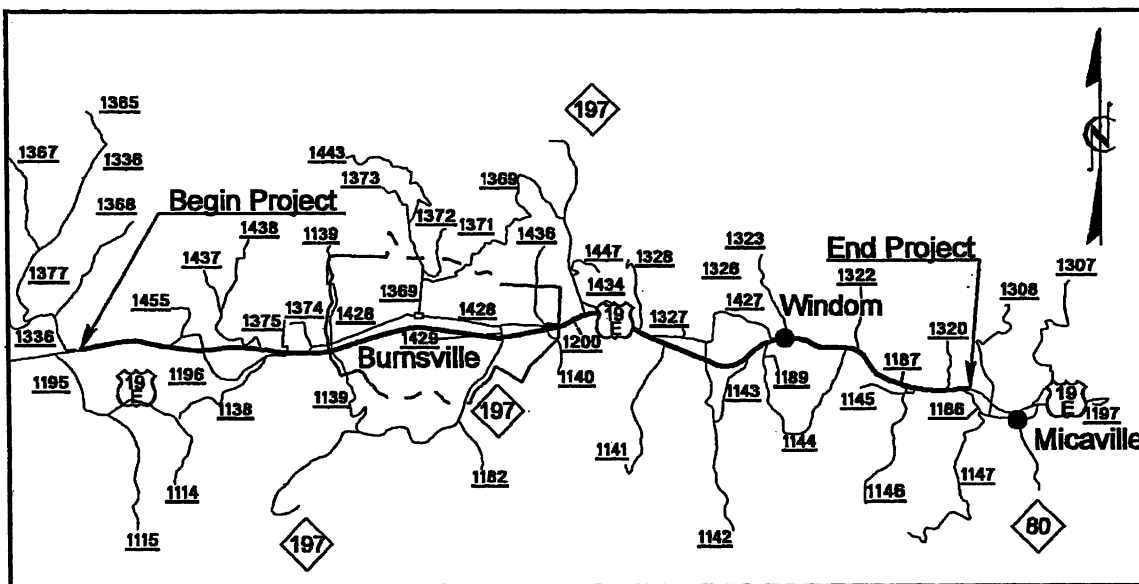
If this Certification is unacceptable to you have the right to an adjudicatory hearing upon written request within sixty (60) days following receipt of this Certification. This request must be in the form of a written petition conforming to Chapter 150B of the North Carolina General Statutes and filed with the Office of Administrative Hearings, 6714 Mail Service Center, Raleigh, N.C. 27699-6714. If modifications are made to an original Certification, you have the right to an adjudicatory hearing on the modifications upon written request within sixty (60) days following receipt of the Certification. Unless such demands are made, this Certification shall be final and binding.

This the 4th day of September 2009

DIVISION OF WATER QUALITY

Roger C. Edwards
for Coleen Sullins,
Director

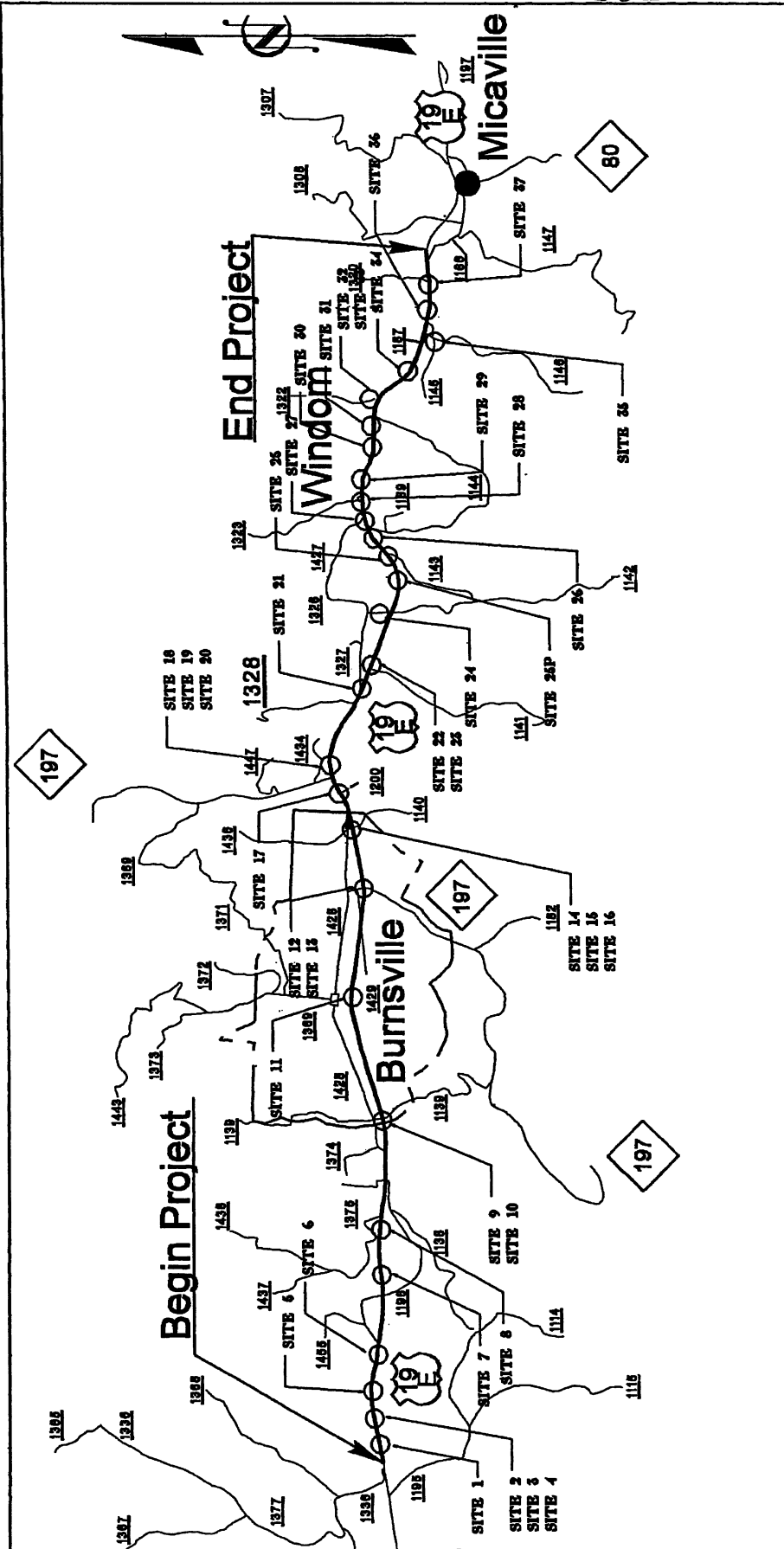
NORTH CAROLINA



VICINITY MAPS

NCDOT
DIVISION OF HIGHWAYS
YANCEY COUNTY
PROJECT: WBS 35609.1.1 (R-2519A)
US 19 E EAST OF SR 1336
(JACKS CREEK ROAD) TO
SR 1186 (OLD US 19)

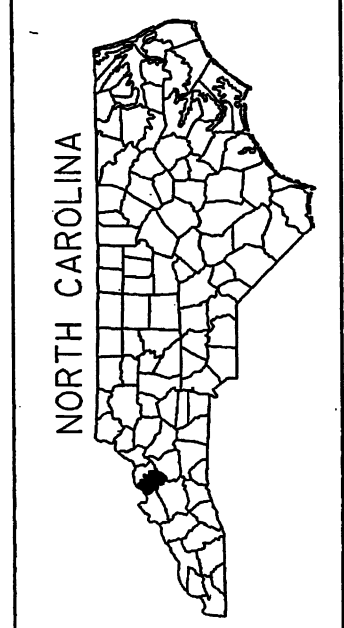
SHEET OF 11 / 15 / 06



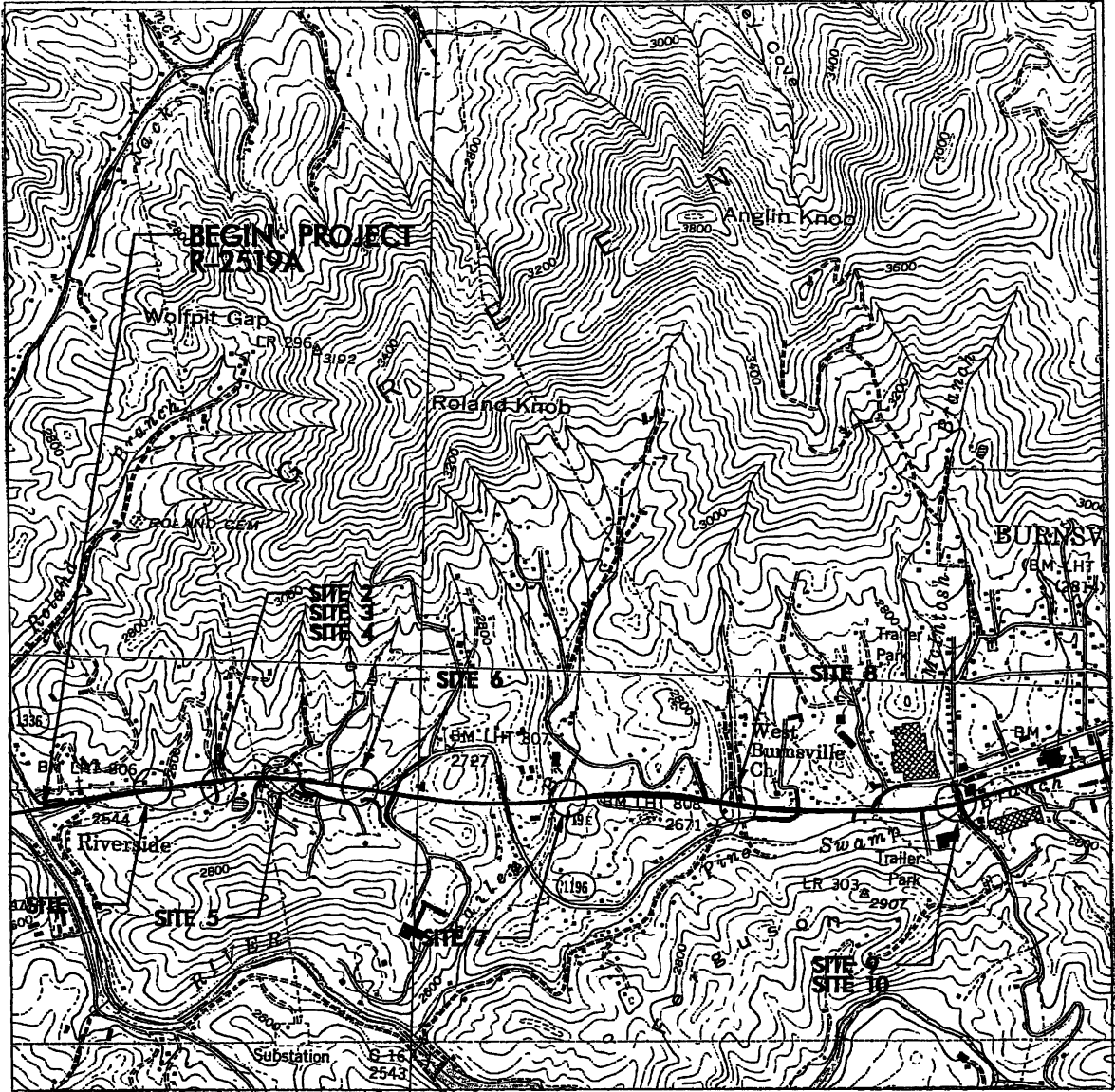
NCDOT
 DIVISION OF HIGHWAYS
 YANCEY COUNTY
 PROJECT: WBS 35609.1.1 (R-2519A)
 US 19 E EAST OF SR 1336
 (JACKS CREEK ROAD) TO
 SR 1186 (OLD US 19)

VICINITY

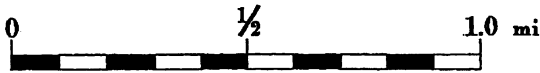
MAP



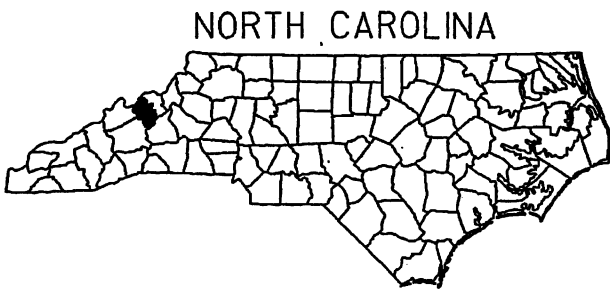
SHEET OF 11/15/06



VICINITY MAP



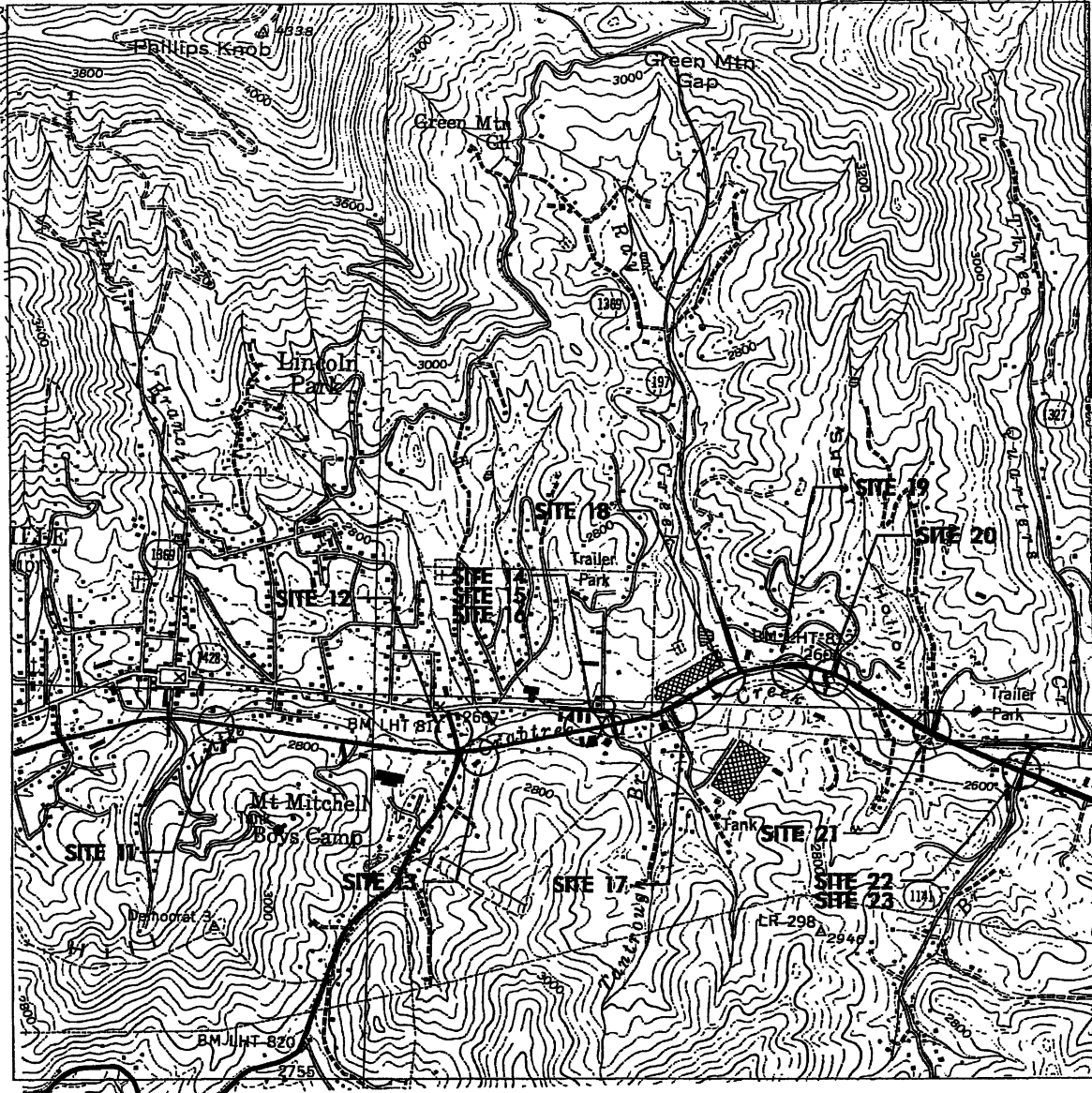
BURNSVILLE, NC QUAD MAP



NORTH CAROLINA

NCDOT
 DIVISION OF HIGHWAYS
 YANCEY COUNTY
 PROJECT: WBS 35609.1.1 (R-2519A)
 US 19 E EAST OF
 SR 1336 (JACKS CREEK ROAD) TO
 SR 1186 (OLD US 19)

Permit Drawing
 Sheet 3 of 86



VICINITY MAP

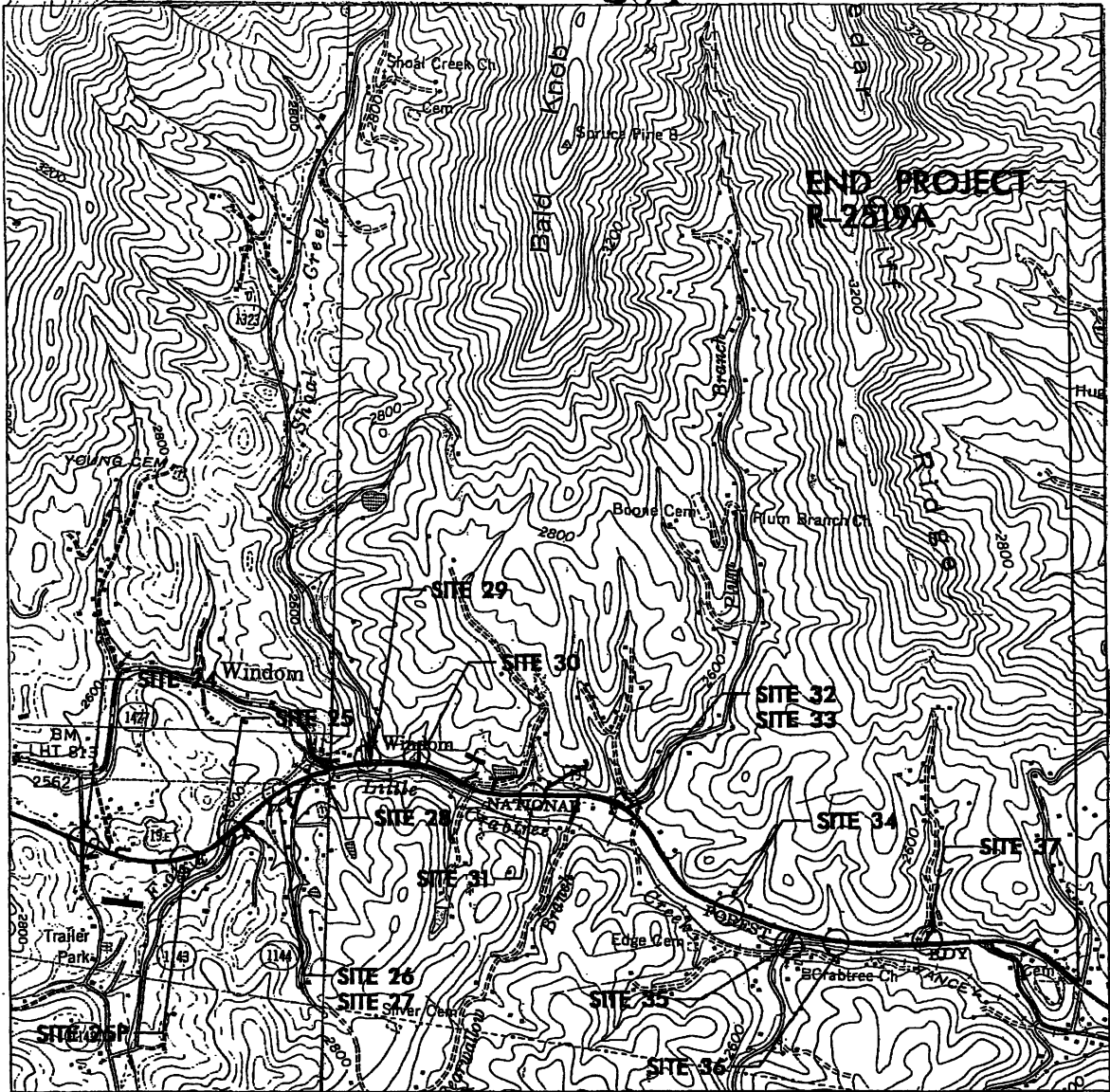


BURNSVILLE, NC QUAD MAP



NCDOT
 DIVISION OF HIGHWAYS
 YANCEY COUNTY
 PROJECT: WBS 35609.1.1 (R-2519A)
 US 19 E EAST OF
 SR 1336 (JACKS CREEK ROAD) TO
 SR 1186 (OLD US 19)

Permit Drawing
 Sheet 4 of 86



END PROJECT
R-2519A

VICINITY MAP



BURNSVILLE, NC QUAD MAP
MICAVILLE, NC QUAD MAP



NORTH CAROLINA

NCDOT

DIVISION OF HIGHWAYS
YANCEY COUNTY

PROJECT: WBS 35609.11 (R-2519A)
US 19 E EAST OF
SR 1336 (JACKS CREEK ROAD) TO
SR 1186 (OLD US 19)

Permit Drawing
Sheet 5 of 86

SHEET OF 11/17/06

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)	Hand 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- 228+50	1000mm CMP						0.01	<0.01	55	16			
1	-L- 228+50 RT	BANK STABILIZATION						<0.01		13				
2	-D1- 10+40	2.23m X 1.60m CS PIPE ARCH						0.02	<0.01	59	18			
2	-D1- 10+40 RT	BANK STABILIZATION						<0.01		26				
3	-L- 230+85	900mm CMP						0.01	<0.01	41	8			
3	-L- 230+85 RT	BANK STABILIZATION						<0.01		13				
4	-L- 231+50	1800mm CMP						<0.01	0.02	13	12			
4	-L- 231+50 RT	BANK STABILIZATION						0.01		33				
5	-L- 232+90	1500mm CMP						0.02	<0.01	83	13			
6	-L- 236+10	1400mm CMP						0.01	<0.01	51	11			
6	-L- 236+10 RT	BANK STABILIZATION						<0.01		30				
7	-L- 243+30	2100mm CMP						0.00	0.00	0	0			
8	-L- 249+85	1500mm CMP						<0.01	<0.01	19	9			
9	-D4- 10+30	2.41m X 1.70m CS PIPE ARCH						<0.01	<0.01	16	25			
9	-D4- 10+30 RT	BANK STABILIZATION						<0.01		16				
9A	-L- 255+40 RT	BANK STABILIZATION						0.00		25				
10	-L- 257+35 / -Y10- 11+00	2@ 1.8m X 1.8m RCBC / BASIN						0.11	0.01	691	47			
10	-L- 257+35 RT	BANK STABILIZATION						<0.01		23				
11	-L- 270+65	1400mm CSP						<0.01	<0.01	13	10			
11	-L- 270+65 LT	BANK STABILIZATION						<0.01		19				
12	-Y17- 11+30	2@ 3.0m X 2.4m RCBC						0.01	<0.01	34	20			
12	-Y17- 11+30 LT/RT	BANK STABILIZATION						0.01		98				
13	-L- 279+83	1@ 2.19m X 1.52m RCBC						0.01	<0.01	66	15			
13	-L- 279+83 LT	BANK STABILIZATION						<0.01		16				
14	-L- 284+30 LL	2 - 2@ 3.35m X 2.74m RCBC						0.00	0.00	0	0			
14	-L- 283+88 / -L- 284+88 LT	BANK STABILIZATION						0.07	0.03	270	204			

SHEET TOTAL:

NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 YANCEY COUNTY
 WBS - 35608 1 1 (R2519A)
 SHEET OF
 04/30/08

Permit Drawing
 Sheet 6 of 86

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)	Hand 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)	
15	-L- 285+00	2@ 3.6m X 2.4m RCBC							0.02	0.01	82	38	
15	-L- 285+00 RT	BANK STABILIZATION							0.01		48		
16	-Y19- 11+60	1050mm CMP							0.01	<0.01	41	15	
17	-L- 287+60	ROADWAY FILL	0.02			0.02							
18	-L- 289+80	1@ 1.83m X 1.83m RCBC							0.01		68		
18	-L- 289+80 RT	BANK STABILIZATION							0.01		40		
19	-L- 292+10	ROADWAY FILL	0.15			0.09							
20	-L- 293+40	1200mm RCP	0.01			0.01							
21	-L- 297+60	1800mm RCP							0.01	<0.01	46	35	
21	-L- 297+60 RT	BANK STABILIZATION							<0.01		20		
22	-L- 300+90	2@ 3.05m X 2.74m RCBC							0.08	0.01	211	19	
22	-L- 301+35 LT	BANK STABILIZATION							0.01		40		
23	-L- 301+40	2@ 1.8m X 1.8m RCBC							0.01	<0.01	45	9	
23	-L- 301+40 LT	BANK STABILIZATION							0.01		87		
24	-Y26- 9+44 LT to 12+26 RT	1050mm RCP							0.06	0.00	535	0	
25	-L- 312+60	2@ 2.13m X 1.83m RCBC							0.03	0.01	186	34	
26	-L- 314+05 to 315+67	STREAM RELOCATION							0.11	<0.01	583	11	580
27	-L- 314+40	1500mm RCP							0.02	<0.01	143	11	
28	-L- 318+60	4@ 3.05m X 2.44m RCBC							0.02	0.02	42	58	
28	-L- 318+60 LT / RT	BANK STABILIZATION							0.04		133		
29	-L- 318+15	2@ 2.44m X 2.13m RCBC							0.06	<0.01	294	14	233
30	-L- 320+10	1200mm CMP							0.02	<0.01	200	7	
31	-L- 324+50	1500mm RCP/CMP							0.01	<0.01	40	20	
31	-L- 324+50 RT	BANK STABILIZATION							<0.01		14		
32	-Y33- 9+90 to 10+40	STREAM RELOCATION							0.03	<0.01	217	10	210
33	-L- 327+90	1@ 3.0m X 1.8m RCBC							0.05	<0.01	325	26	157
SHEET TOTAL:			0.18			0.12			0.63	0.05	3441	307	1180

NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 YANCEY COUNTY
 WBS - 35809 1 1 (R2519A)

SHEET OF 03/13/09

NOTE: SITE 25P -> FILL IN ISOLATED POND (-L- 310+80 RT) - 0.040 ac

Permit Drawing Sheet 7 of 16

WETLAND PERMIT IMPACT SUMMARY

Site No	Station (From/To)	Structure Size / Type	WETLAND IMPACTS						SURFACE WATER IMPACTS				Natural Stream Design (ft)
			Permanent Fill in Wetlands (ac)	Temp Fill in Wetlands (ac)	Excavation in Wetlands (ac)	Mechanized Clearing in Wetlands (ac)	Hand Clearing in Wetlands (ac)	Permanent SW Impacts (ac)	Temp. SW Impacts (ac)	Existing Channel Impacts Permanent (ft)	Existing Channel Impacts Temp. (ft)		
34	-L- 333+15	1350mm RCP / 1200mm RCP						0.05	<0.01	208		20	
35	-Y34- 10+51	3@ 3.35m X 3.05m RC8C						0.02	0.01	18		20	
35	-Y34- 10+51 L.T./ RT.	BANK STABILIZATION						0.03		55			
36	-L- 337+25	1350mm RCP						<0.01	<0.01	24		12	
37	-L- 340+50	1500mm RCP						0.01	<0.01	59		10	
SHEET TOTAL:			0.18						0.09	5528		62	1180
PROJECT TOTAL:						0.12		1.03	0.09	5528		573	

NOTE: TOTAL PERMANENT STREAM IMPACTS DUE TO BANK STABILIZATION = 1017 FT

NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 YANCEY COUNTY
 WBS - 35608 1.1 (R2519A)

SHEET OF 03/13/09

Site No.	Property Owner Name	Property Owner Address	Parcel Number
1	Gary Adkins Norman Rabek	Rt. 1 Box 406, Burnsville, NC 28714	4
		Rt. 8 Box 842, Burnsville, NC 28714	2
2	Clarence Ball Rose Marilyn Angel	Rt. 10 Box 613, Burnsville, NC 28714	6
		Rt. 3 Box 199, Burnsville, NC 28714	9
3	Rose Marilyn Angel	Rt. 3 Box 199, Burnsville, NC 28714	9
4	Rose Marilyn Angel	Rt. 3 Box 199, Burnsville, NC 28714	9
5	Zula Wheeler Jerry Jerome McIntosh	Rt. 1 Box 256, Burnsville, NC 28714	12
		Rt. 10 Box 94, Burnsville, NC 28714	13
6	Vicki Banks Tipton	Rt. 10 Box 78, Burnsville, NC 28714	16
7	Freda Bryson Charles Phillip Styles	619 Norwood Street, Shelby, NC 28150	28
		Rt. 10 Box 814, Burnsville, NC 28714	25
8	Bryant's Land and Development Ind. Ordie Brown	N/A	34
		950 W. 19E, Burnsville, NC 28714	35
9	Yancey Mobile Home Sales, Inc.	P.O. Box 278, Burnsville, NC 28714	49
10	High Five Hospitality Holdings, LLC Properties on Main, LLC Charles Neill Ellis	N/A	90
		N/A	52
		P.O. Box 278, Burnsville, NC 28714	51
11	Yancey County	Room 11 Courthouse, Burnsville, NC 28714	79
12	Frank Fox Wallace B. Edge	404 Pensacola Road, Burnsville, NC 28714	102
		P.O. Box 804, Burnsville, NC 28704	103
13	Eloise Briggs E.J. Roland	P.O. Box 835, Burnsville, NC 28714	104
		P.O. Box 234, Burnsville, NC 28714	105
14	S.C.N. Enterprises	P.O. Box 309, Naples, NC 28760	115
15	David McIntosh	P.O. Box 728, Burnsville, NC 28714	118
16	Samuel S. Styles	P.O. Box 534, Burnsville, NC 28714	117
17	Yancey County	Room 11 Courthouse, Burnsville, NC 28714	122
18	Glen Raven Silk Mills, Inc. Yancey County	Drawer 100, Burnsville, NC 28714	123
		Room 11 Courthouse, Burnsville, NC 28714	122
19	Yancey Railroad Company	C/O Walter Klements, 3127 Ponce De Leon Blvd, Coral Gables, FL 33134	129

List of Property Owners

NC Dept. of Transportation
Division of Highways
Yancey County

Project: WBS 35609.1.1 (R-2519A)

US 19 E East of SR 1336
(Jacks Creek Road) to SR 1186 (Old US 19)

Sheet of

11/13/06

Site No.	Property Owner Name	Property Owner Address	Parcel Number
19	Yancey County	Room 11 Courthouse, Burnsville, NC 28714	122
20	Catalano Family Limited Partnership	3100 Airport West Drive, Vero Beach, FI 32960	135
	Grady P Melton	Rt. 8 Box 50, Burnsville, NC 28714	133
21	Charles Junior Peterson	P.O. Box 712, Burnsville, NC 28714	145
	Jay (Hannah) Styles	Rt. 8 Box 80, Burnsville, NC 28714	144
22	Yancey County	Room 11 Courthouse, Burnsville, NC 28714	155
	Farrell Hughes	Rt. 8 Box 230, Burnsville, NC 28714	156
	Quality Oil Company	N/A	152A
23	Danny Leece Gouge	Rt. 8 Box 103, Burnsville, NC 28714	153
	Farrell Hughes	Rt. 8 Box 230, Burnsville, NC 28714	156
24	Dorothy Deyton	Rt. 8 Box 100, Burnsville, NC 28714	157
	Zenus Elkins	N/A	238
25	Yancey Railroad Company	C/O Walter Klements, 3127 Ponce De Leon Blvd, Coral Gables, FI 33134	129
	S. Gail Crisp	N/A	165
	Rodney D. Shepard	Rt. 8 Box 1250, Burnsville, NC 28714	166
	Edds Independent Station	Rt. 6 Box 152, Burnsville, NC 28714	167
	William Harold Presnell	Rt. 7 Box 778, Burnsville, NC 28714	162
	Johnny Bennett	Georges Fork Road, Burnsville, NC 28714	169
25P	Norman Evans	143 Bear Wallow Road, Burnsville, NC 28714	179
	Shoal Creek Baptist Church	N/A	178
26	Eugene Styles	Rt. 8 Box 525, Burnsville, NC 28714	174
27	Shoal Creek Baptist Church	N/A	178
28	Norma P Evans	P.O. Box 23, Burnsville, NC 28714	185
	Roger F Penland	P.O. Box 741, Burnsville, NC 28714	186
	Elizabeth Young Huskins	Rt. 8 Box 549, Burnsville, NC 28714	187
29	Norman Evans	143 Bear Wallow Road, Burnsville, NC 28714	233
	Lewis J. McEntyre, Jr.	607 West By-Pass, Burnsville, NC 28714	189
30	William Ray Young	Rt. 8 Box 230, Burnsville, NC 28714	194
	Betty Revis	58 Ranchview Acres, Candler, NC 28715	195
31	Lillian Robinson	16 Prospect Street, Asheville, NC 28804	197
	Beulah Hughes	N/A	201
	Dewey Pate, Jr.	Rt. 2 Box 5, Burnsville, NC 28714	198
	Allen D. Boone	Rt. 2 Box 8, Burnsville, NC 28714	236

List of Property Owners

NC Dept. of Transportation
 Division of Highways
 Yancey County
 Project: WBS 35609.1.1 (R-2519A)

US 19 E East of SR 1336
 (Jacks Creek Road) to SR 1186 (Old US 19)

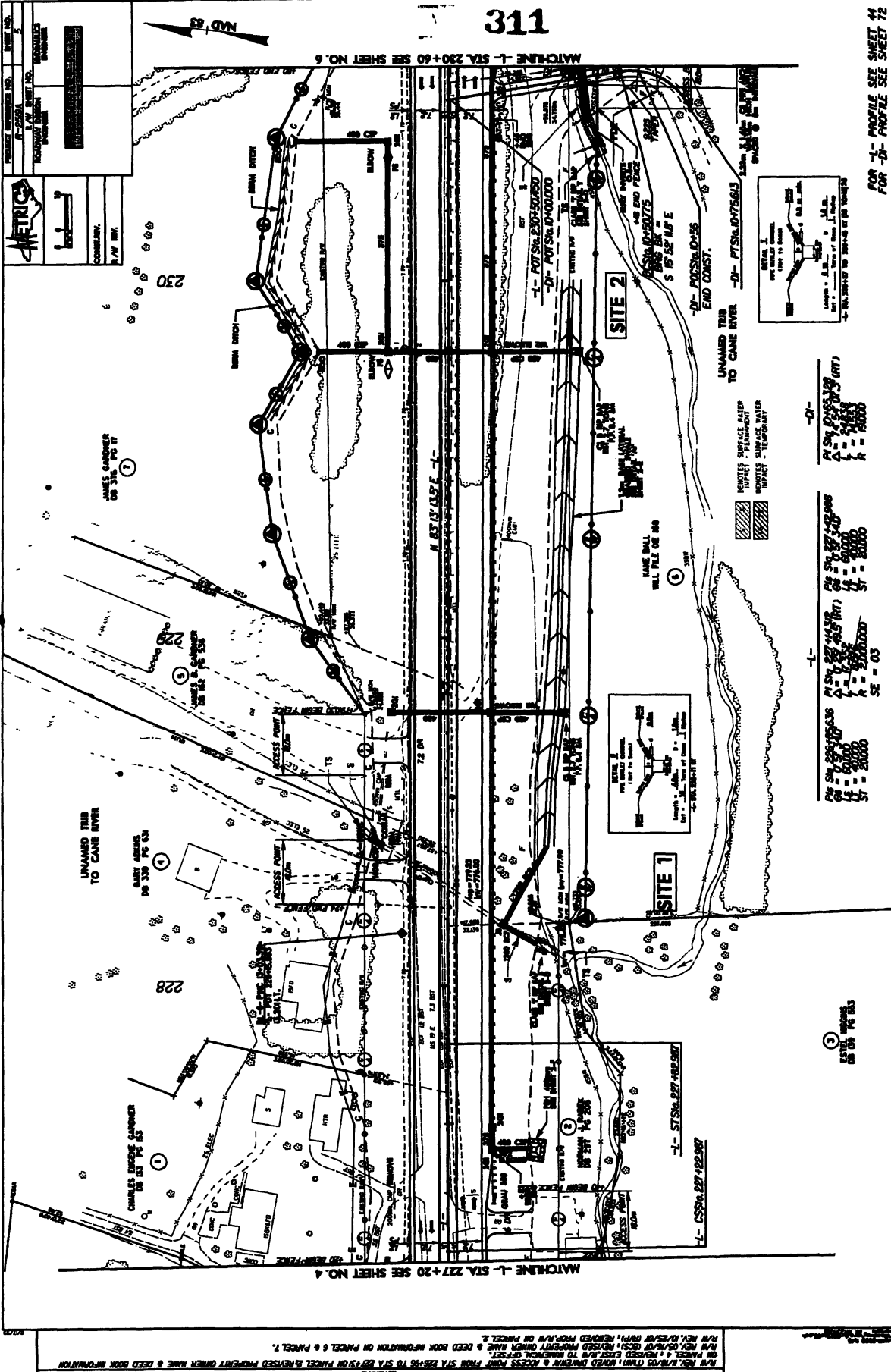
Site No.	Property Owner Name	Property Owner Address	Parcel Number
32	Carrie Blevins	Rt. 8 Box 951, Burnsville, NC 28714	206
33	Carrie Blevins	Rt. 8 Box 951, Burnsville, NC 28714	206
34	Charles R. Dellinger	317 Hillside Drive, Burnsville, NC 28714	214
35	Crabtree Baptist Church Charles R. Dellinger James Luther Thomas	Rt. 2, Burnsville, NC 28714	216
		317 Hillside Drive, Burnsville, NC 28714	214
		P.O. Box 89, Micaville, NC 28755	215
36	Jennings E. Ray	Rt. 2 Box 1165, Burnsville, NC 28714	218
37	Ovel Tomberlin	Rt. 2 Box 1164, Burnsville, NC 28714	223

List of Property Owners

NC Dept. of Transportation
Division of Highways
Yancey County
Project: WBS 35609.1.1 (R-2519A)

US 19 E East of SR 1336
(Jacks Creek Road) to SR 1186 (Old US 19)

Sheet of 11/13/06

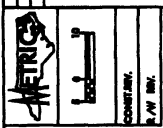


MATCHLINE -I- STA. 230+60 SEE SHEET NO. 6

MATCHLINE -I- STA. 227+20 SEE SHEET NO. 4

311

PROJECT NUMBER NO.	DATE NO.
1-2204	5
CONTRACTOR	PROPOSER
XXXXXXXXXX	XXXXXXXXXX
<p>CONTRACT</p> <p>COUNTY</p> <p>P.W. NO.</p>	



ALL UTILITIES SHOWN LOCATED BY FIELD SURVEY. PROPERTY OWNERS HAVE BEEN NOTIFIED AND EASEMENTS OBTAINED WHERE NECESSARY. SEE DEED BOOK INFORMATION ON PAGES 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

STATION	PC	PT	ST	SE
227+20	227+20.00	227+20.00	227+20.00	03
228+00	228+00.00	228+00.00	228+00.00	03

STATION	PC	PT	ST	SE
229+00	229+00.00	229+00.00	229+00.00	03
230+00	230+00.00	230+00.00	230+00.00	03

STATION	PC	PT	ST	SE
230+20	230+20.00	230+20.00	230+20.00	03
230+40	230+40.00	230+40.00	230+40.00	03

STATION	PC	PT	ST	SE
230+60	230+60.00	230+60.00	230+60.00	03

FOR -I- PROFILE SEE SHEET 42
FOR -D- PROFILE SEE SHEET 72

Permit Drawing
1/2

78

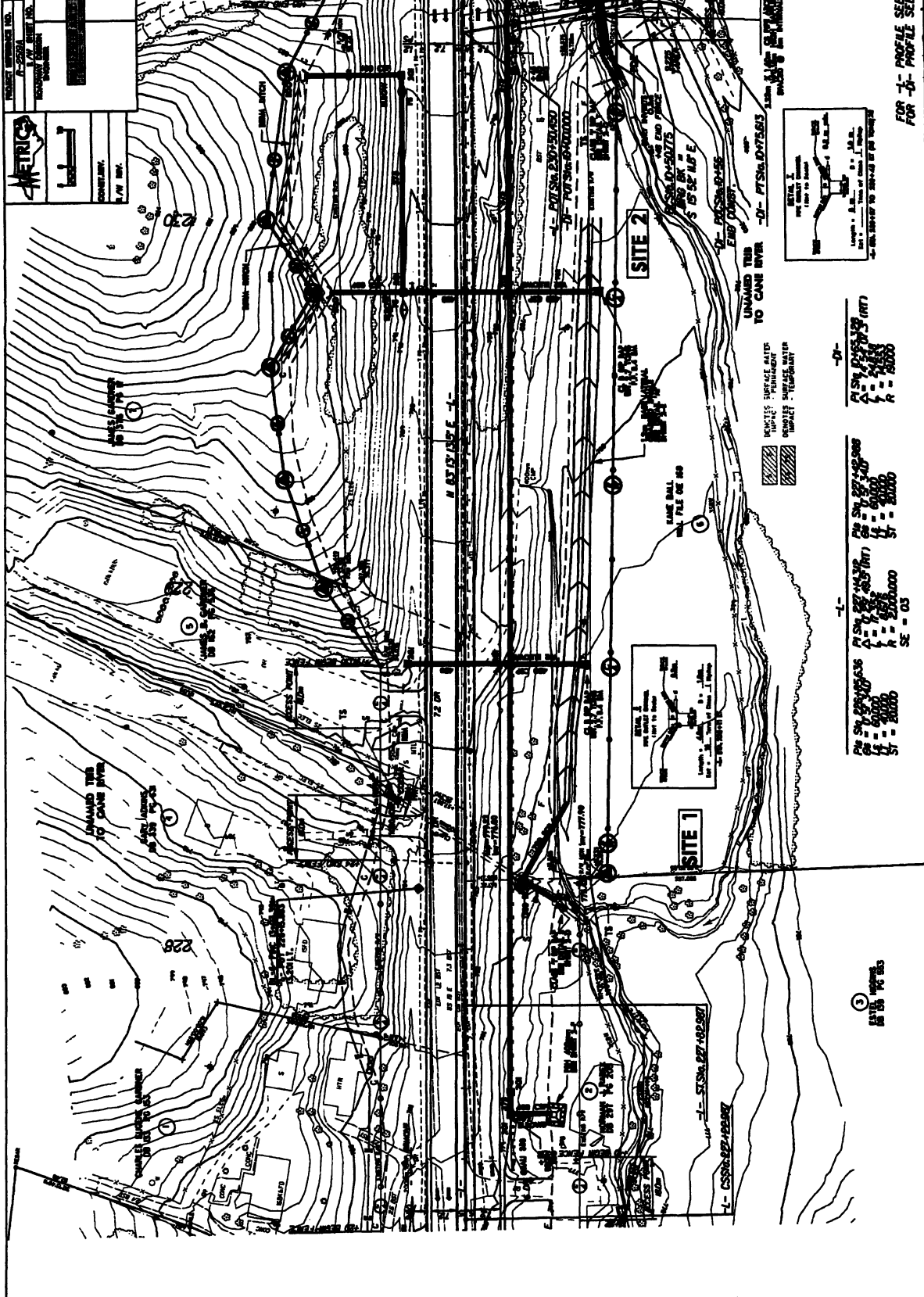
PROJECT INFORMATION
 PROJECT NO. 312
 SHEET NO. 72
 DATE 11/13/13

CLIENT
 METRIC INC.

SCALE
 1" = 200'

NORTH
 (Arrow pointing North)

312



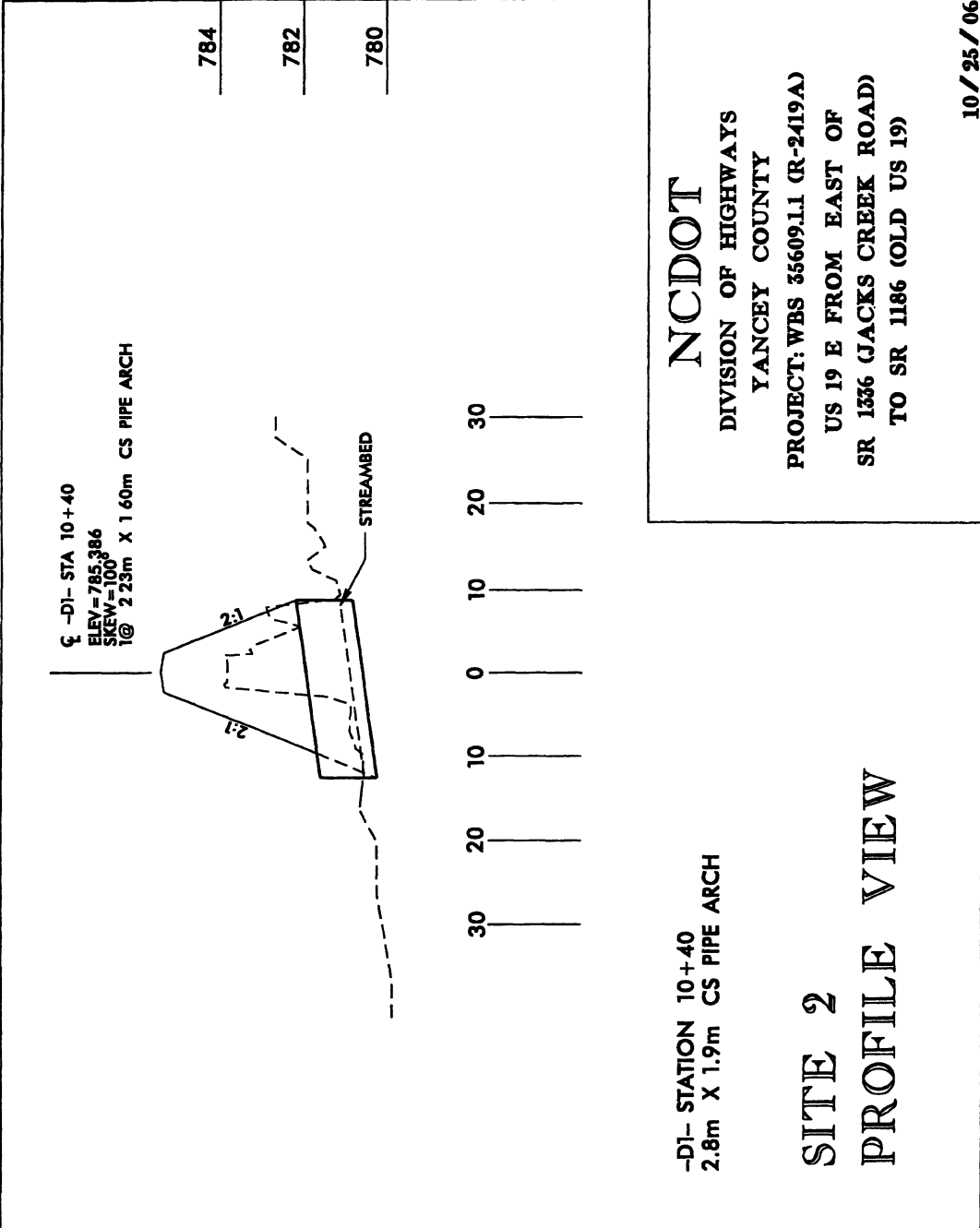
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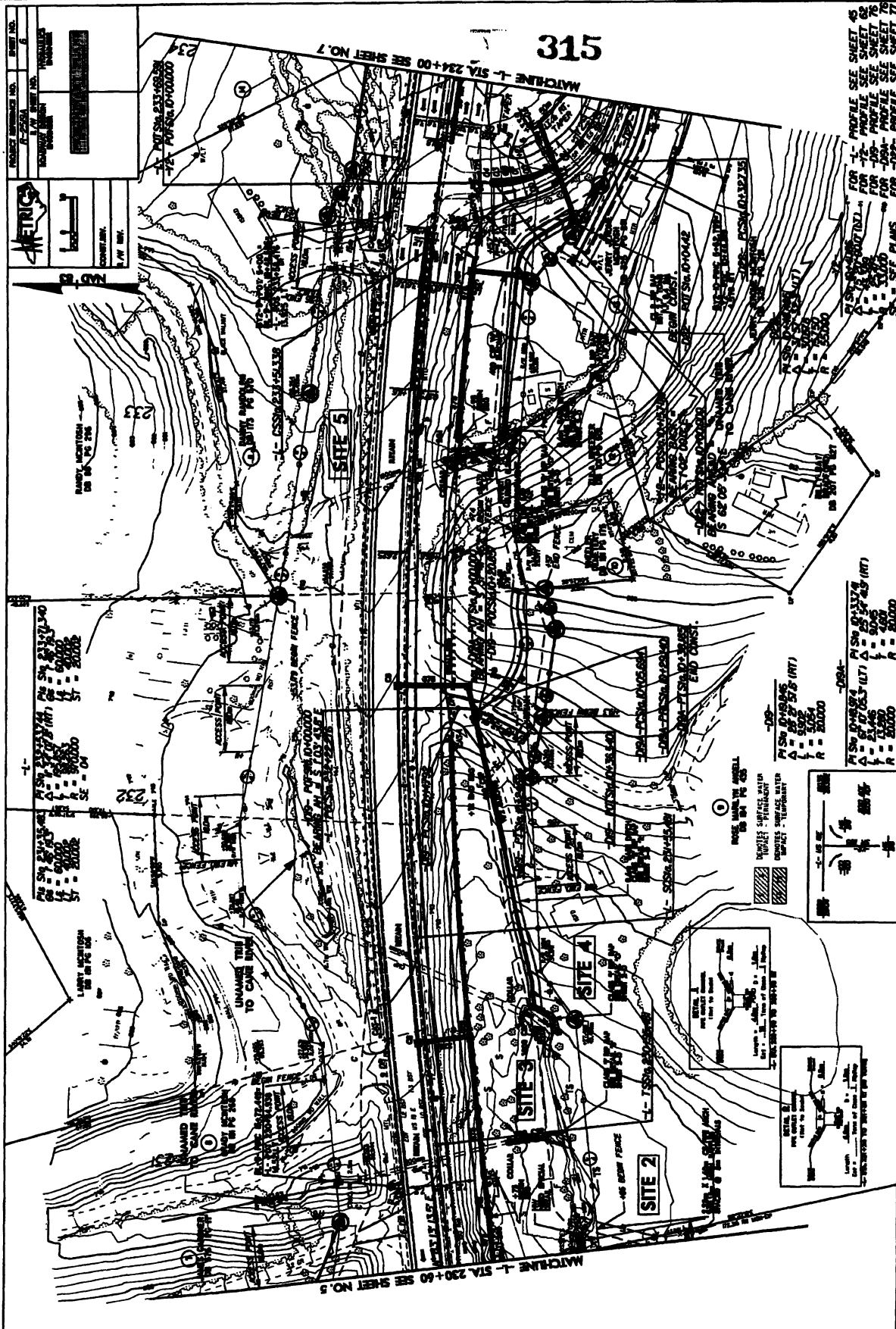
FOR 1- PROFILE SEE SHEET 71
 FOR 2- PROFILE SEE SHEET 72

13
 Permit Drawing 30

NOT FOR CONSTRUCTION. THESE DIMENSIONS ARE FOR INFORMATION ONLY. ANY DIMENSIONS SHOWN IN THIS DRAWING SHALL BE THE DIMENSIONS SHOWN ON THE GROUND. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND LOCATIONS PRIOR TO CONSTRUCTION. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND EASEMENTS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY UTILITIES INFORMATION PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL EXISTING UTILITIES AND STRUCTURES TO ORIGINAL OR BETTER CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ADJACENT PROPERTIES AND PUBLIC ROADS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SURFACE WATER AND DRAINAGE SYSTEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STABILITY OF THE EARTHWORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SAFETY OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE ENVIRONMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE PUBLIC INTEREST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE HISTORIC AND CULTURAL RESOURCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SCIENTIFIC AND EDUCATIONAL VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE RECREATION AND AMUSEMENT VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISUAL QUALITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SOUND AND VIBRATION LEVELS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE AIR QUALITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE WATER QUALITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SOIL QUALITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE PLANT AND ANIMAL LIFE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE GEOLOGICAL AND SEISMOLOGICAL CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CLIMATE AND WEATHER CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SOCIAL AND ECONOMIC CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CULTURAL AND HERITAGE VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE ARCHITECTURAL AND HISTORIC VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE LITERARY AND ARTISTIC VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SCIENTIFIC AND TECHNICAL VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EDUCATIONAL VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE RESEARCH AND DEVELOPMENT VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INNOVATION AND CREATIVITY VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE ENTREPRENEURIAL VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE LEADERSHIP VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE TEAMWORK VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE COMMUNICATION VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE ETHICAL VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE HONESTY VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE FAIRNESS VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE RESPECT VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EMPATHY VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE COMPASSION VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE KINDNESS VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE PATIENCE VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SELF-CONTROL VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE COURAGE VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE PERSEVERANCE VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE DETERMINATION VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE RESOLVE VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STRENGTH VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE WISDOM VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE FAITH VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE HOPE VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CHARITY VALUES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE LOVE VALUES.



315

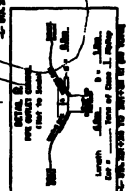
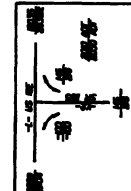


PROJECT NUMBER NO.	1-234
DATE	1/25/78
DESIGNER	PERMANENT
CONTRACT NO.	
CITY	
STATE	
COUNTY	
TOWN	
SECTION	
SCALE	AS SHOWN
CHECKED BY	
DATE	

FOR -1- PROFILE SEE SHEET 66
 FOR -2- PROFILE SEE SHEET 76
 FOR -3- PROFILE SEE SHEET 76
 FOR -4- PROFILE SEE SHEET 76
 FOR -5- PROFILE SEE SHEET 77
 FOR -6- SEE PLANS

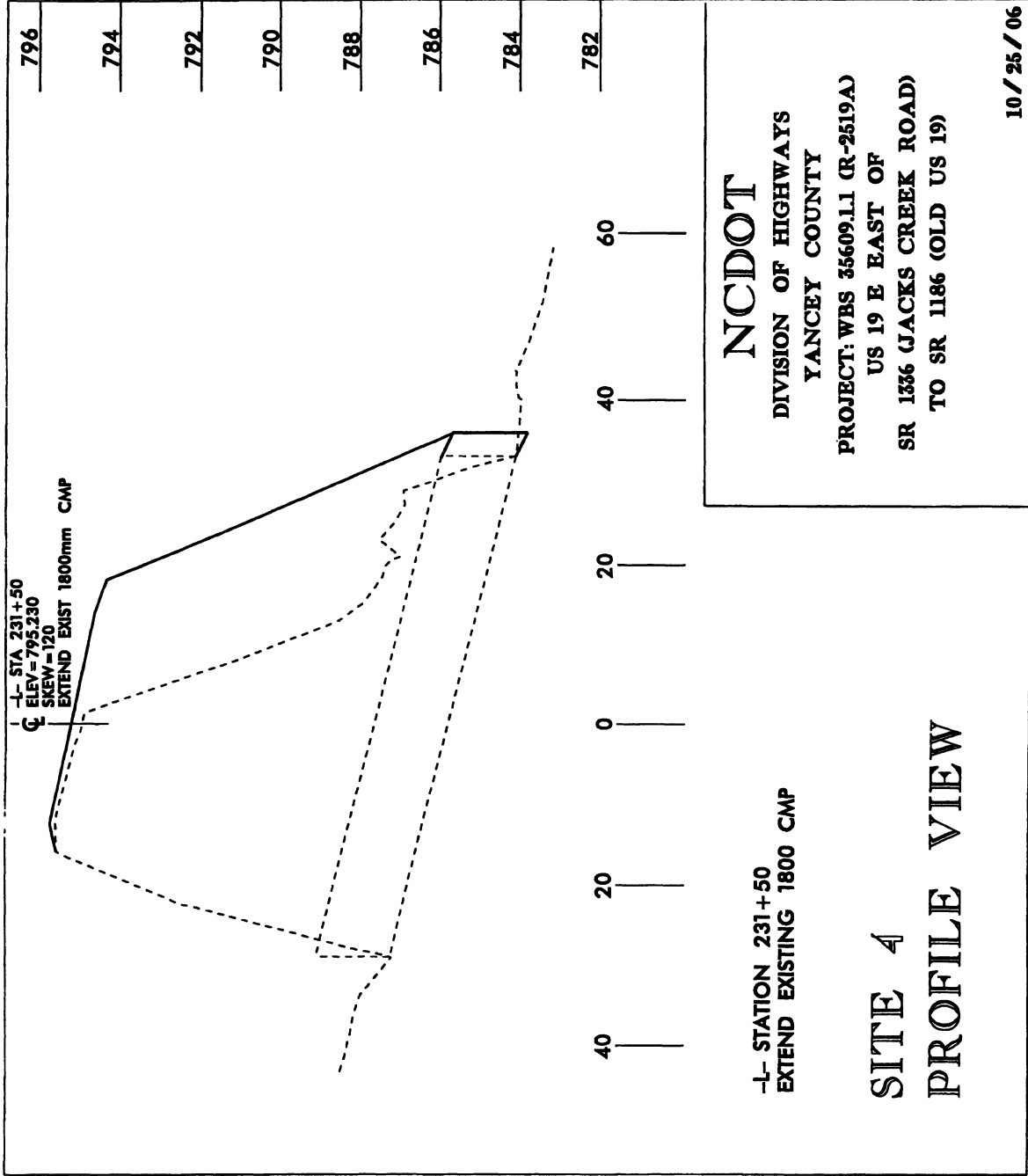
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A	67083 (RT)
B	2146
C	1200
D	8000

1-034
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 B 2146
 C 1200
 D 8000



FOR PAGES 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

11



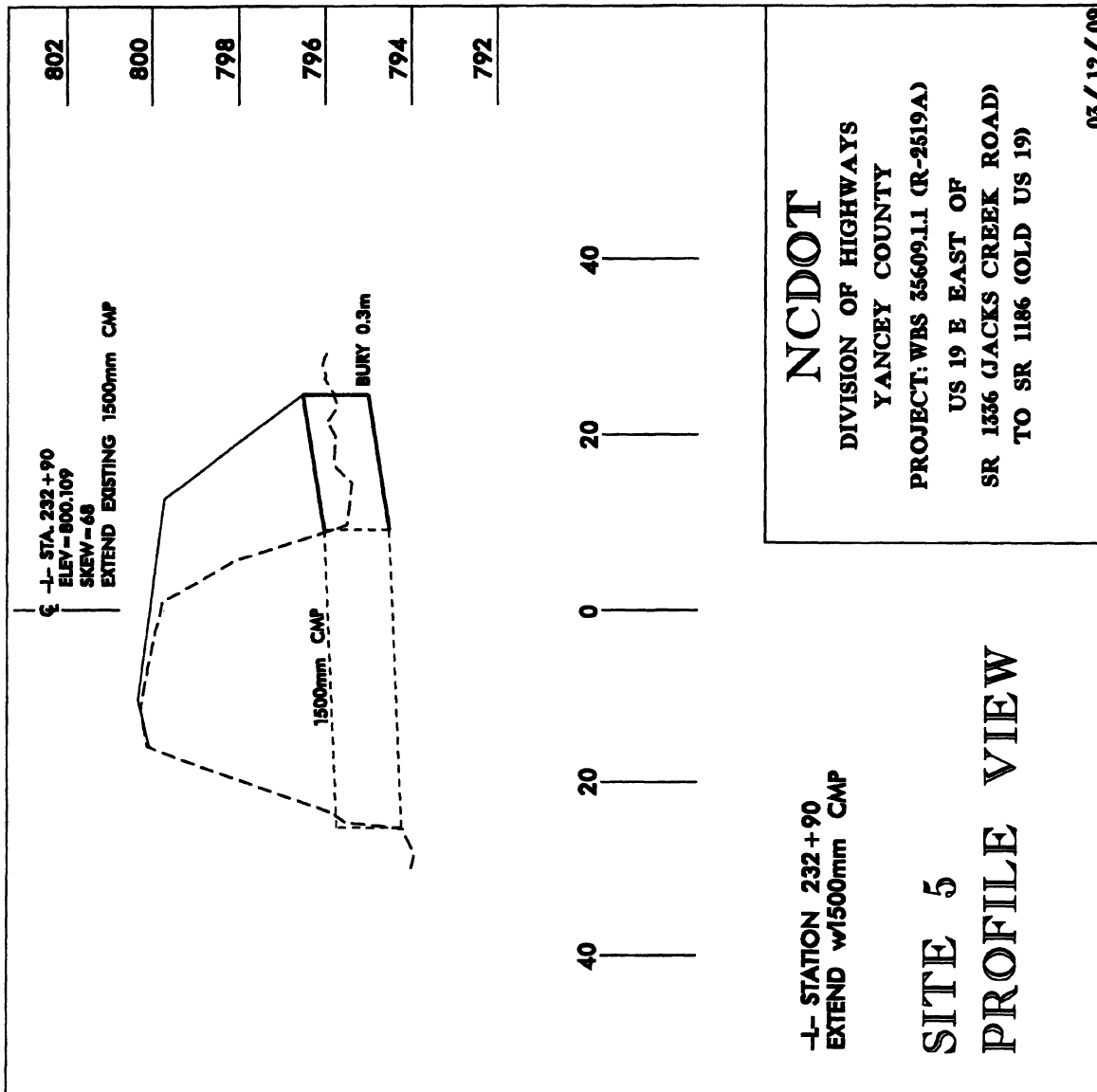
-L- STA 231+50
 C ELEV = 795.230
 SKEW = 120
 EXTEND EXIST 1800mm CMP

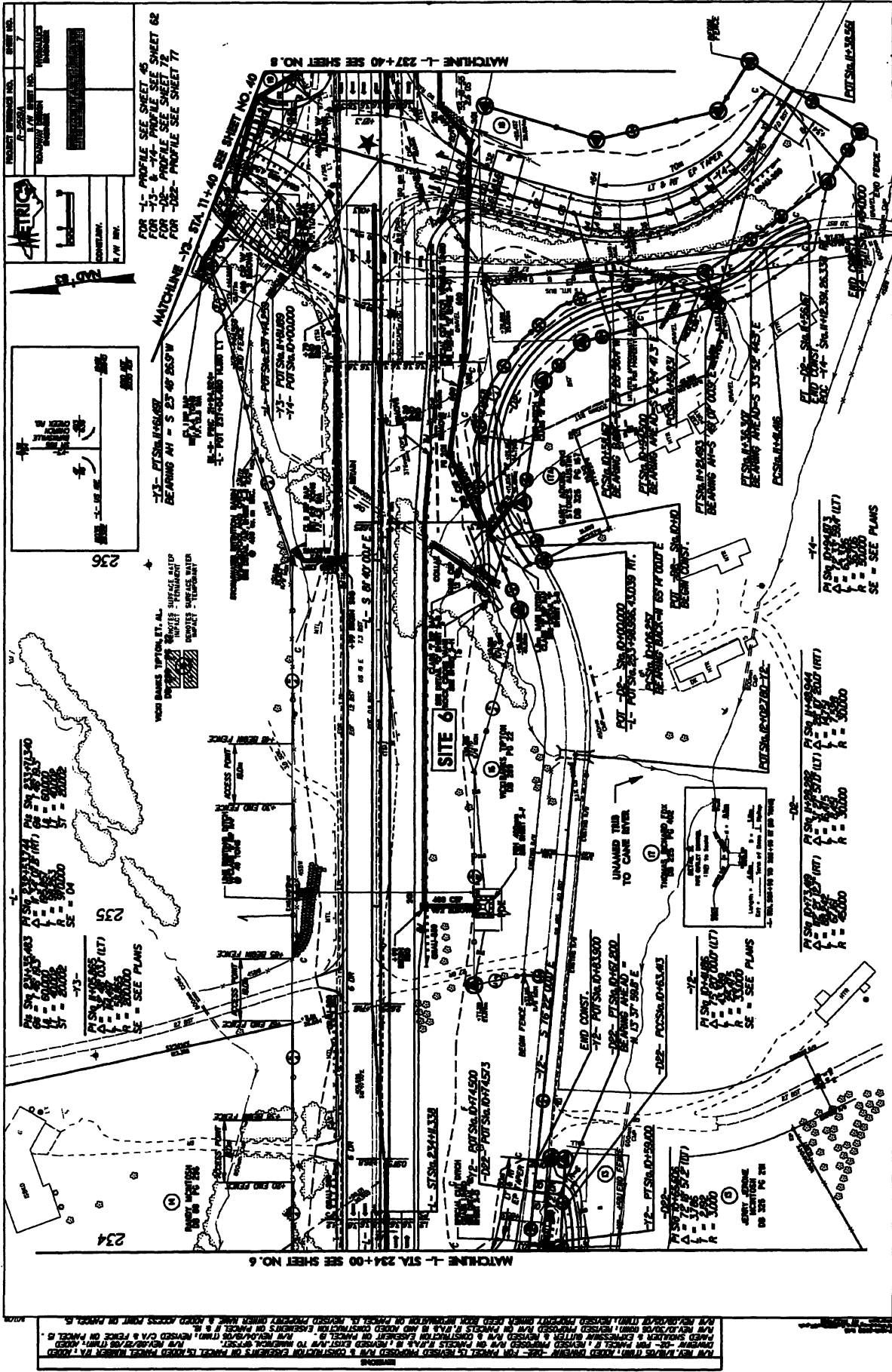
NCDOT
 DIVISION OF HIGHWAYS
 YANCEY COUNTY
 PROJECT: WBS 35609.11 (R-2519A)
 US 19 E EAST OF
 SR 1336 (JACKS CREEK ROAD)
 TO SR 1186 (OLD US 19)

-L- STATION 231+50
 EXTEND EXISTING 1800 CMP

**SITE 4
 PROFILE VIEW**

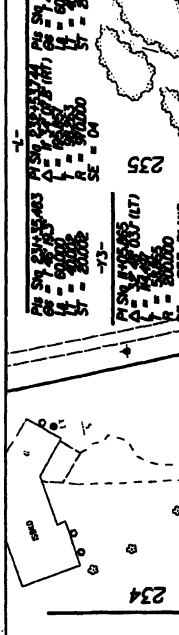
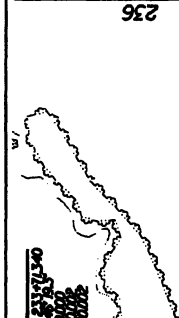
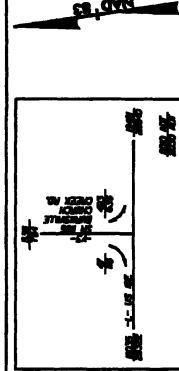
10 / 25 / 06





PROJECT NUMBER	7
DATE	7/20/61
DESIGNED BY	W. R. BENTLEY
CHECKED BY	W. R. BENTLEY
DATE	7/20/61

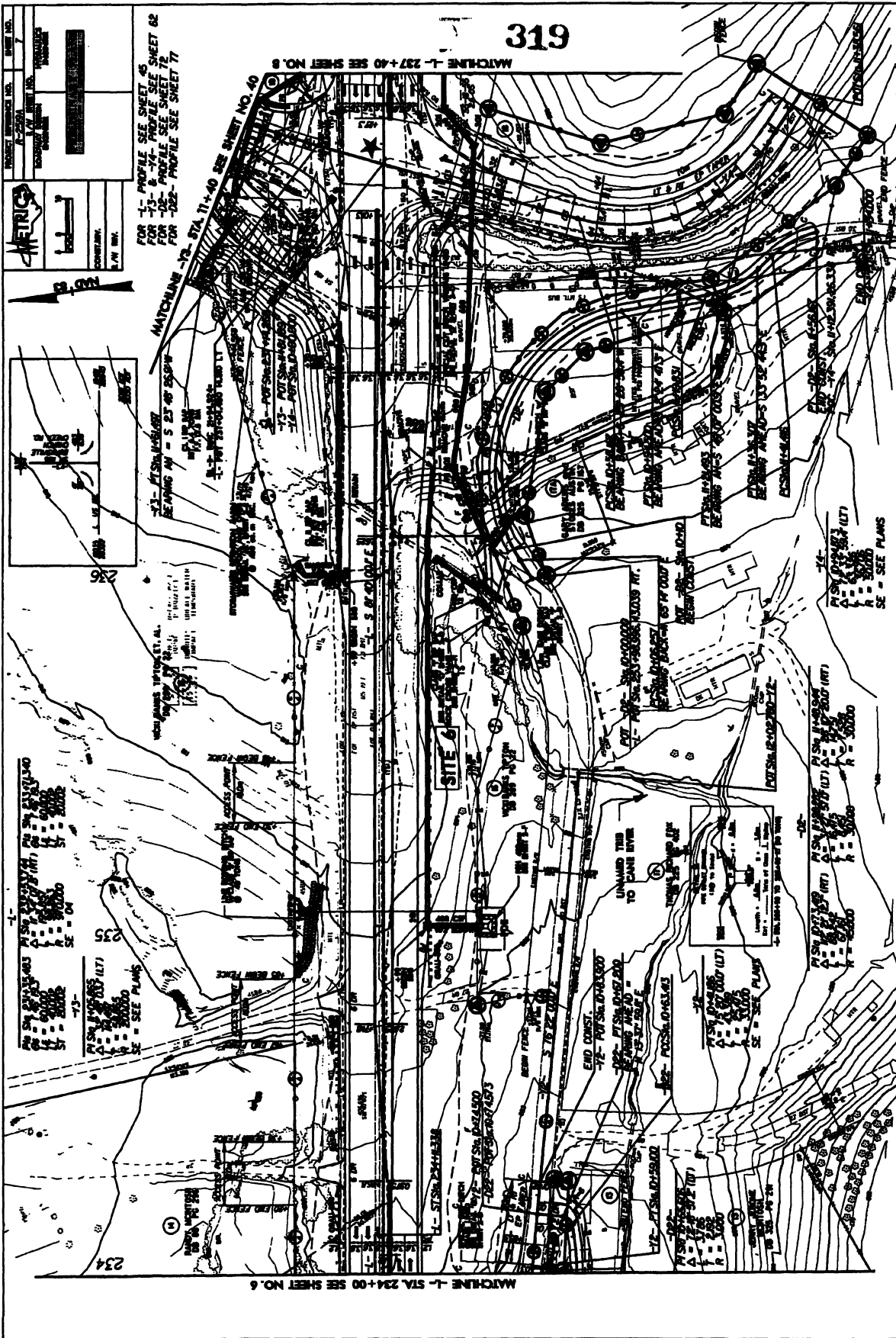
FOR -1- PROFILE SEE SHEET 45
 FOR -73- & -74- PROFILE SEE SHEET 62
 FOR -75- & -76- PROFILE SEE SHEET 72
 FOR -72- & -71- PROFILE SEE SHEET 77



STATION	VERTICAL CURVE DATA
235	PVI STA. 235+00 (LT) A = 10000 B = 20000 C = 30000 SE - SEE PLANS
234	PVI STA. 234+00 (LT) A = 10000 B = 20000 C = 30000 SE - SEE PLANS
236	PVI STA. 236+00 (LT) A = 10000 B = 20000 C = 30000 SE - SEE PLANS

PERMITS DRAWING 19 - 86

319



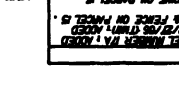
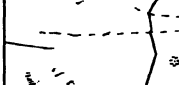
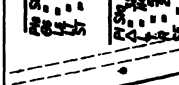
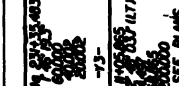
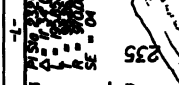
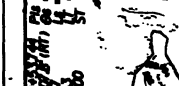
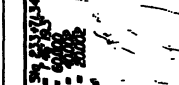
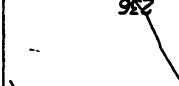
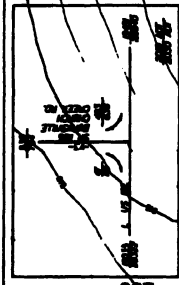
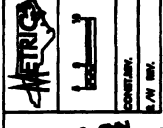
FOR THE PROFILE SEE SHEET 40
 FOR -73- & -74- PROFILE SEE SHEET 62
 FOR -75- PROFILE SEE SHEET 72
 FOR -76- PROFILE SEE SHEET 77

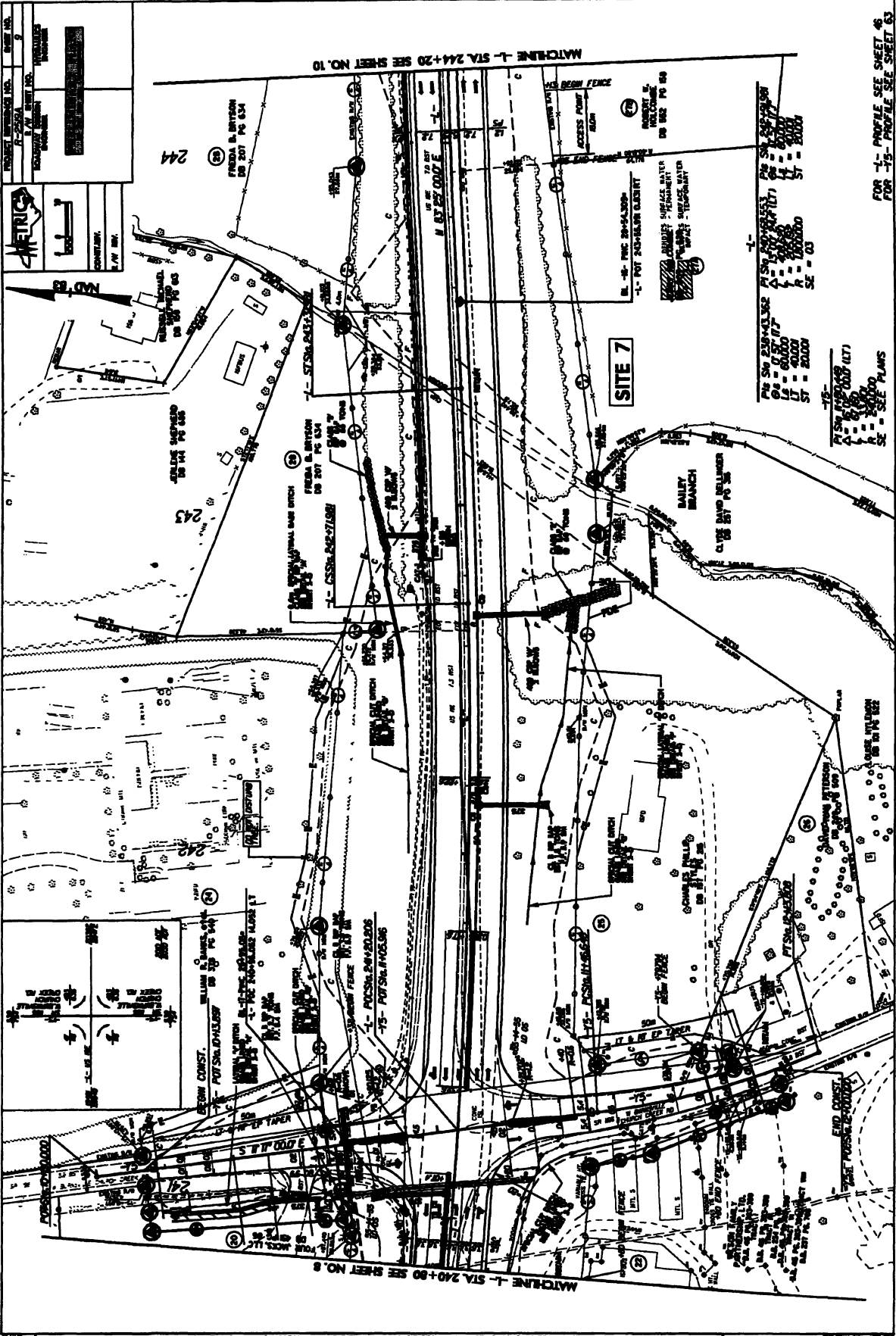
FOR -73- PROFILE SEE SHEET 40
 FOR -74- PROFILE SEE SHEET 62
 FOR -75- PROFILE SEE SHEET 72
 FOR -76- PROFILE SEE SHEET 77

FOR -73- PROFILE SEE SHEET 40
 FOR -74- PROFILE SEE SHEET 62
 FOR -75- PROFILE SEE SHEET 72
 FOR -76- PROFILE SEE SHEET 77

Sheet 1 of 16

Point Drawing





FOR L- PROFILE SEE SHEET 46
FOR T-5 PROFILE SEE SHEET 63

Permit Drawing 21 of 86

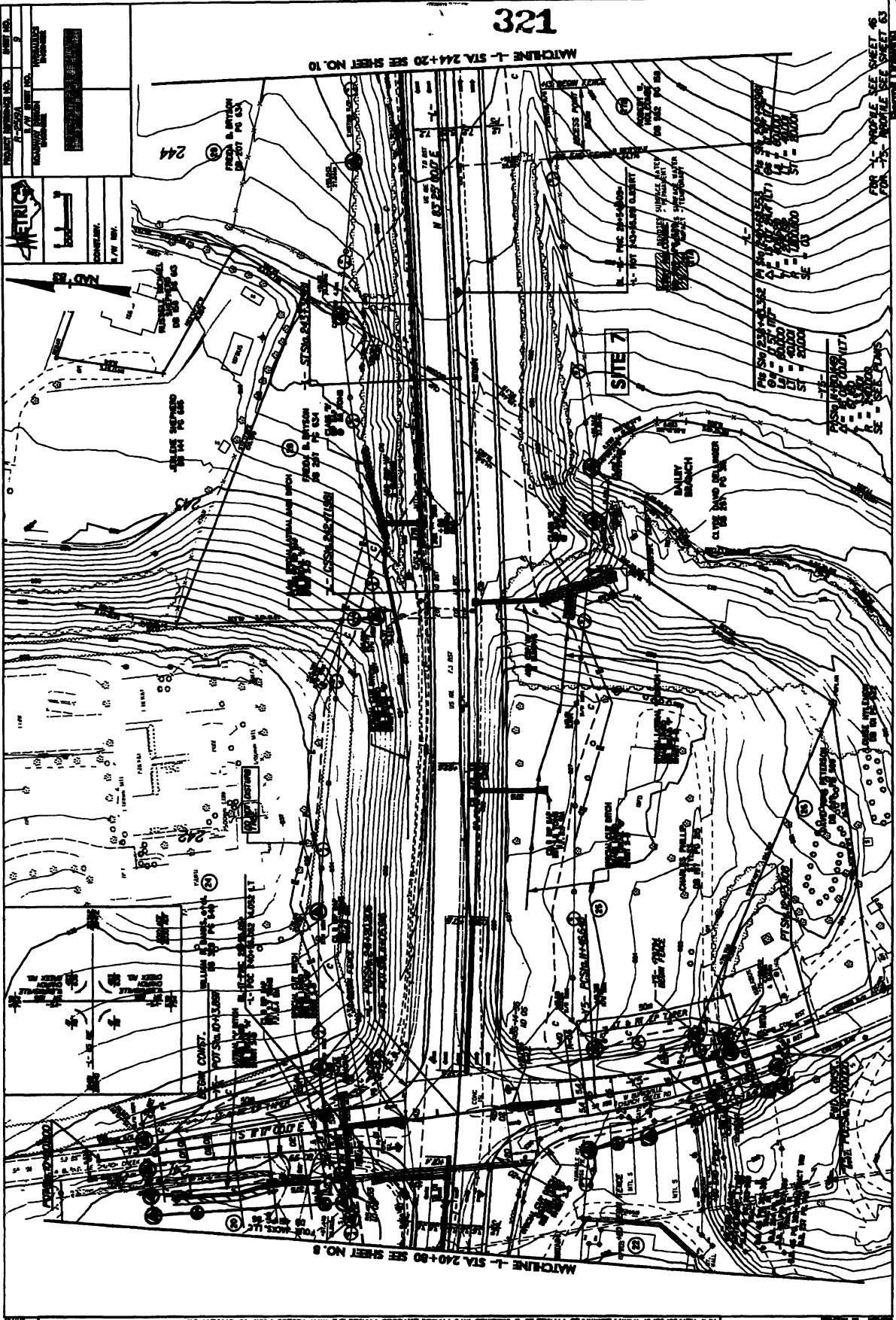
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QA	0.57	TA	0.00	LA	60.000
LB	0.00	LB	40.000	ST	20000
SE	03	SE	03		

PC STA	239+00.00 (17)	PT STA	238+00.00	PI	238.00
QA	0.00	TA	0.00	LA	60.000
LB	0.00	LB	40.000	ST	20000
SE	03	SE	03		

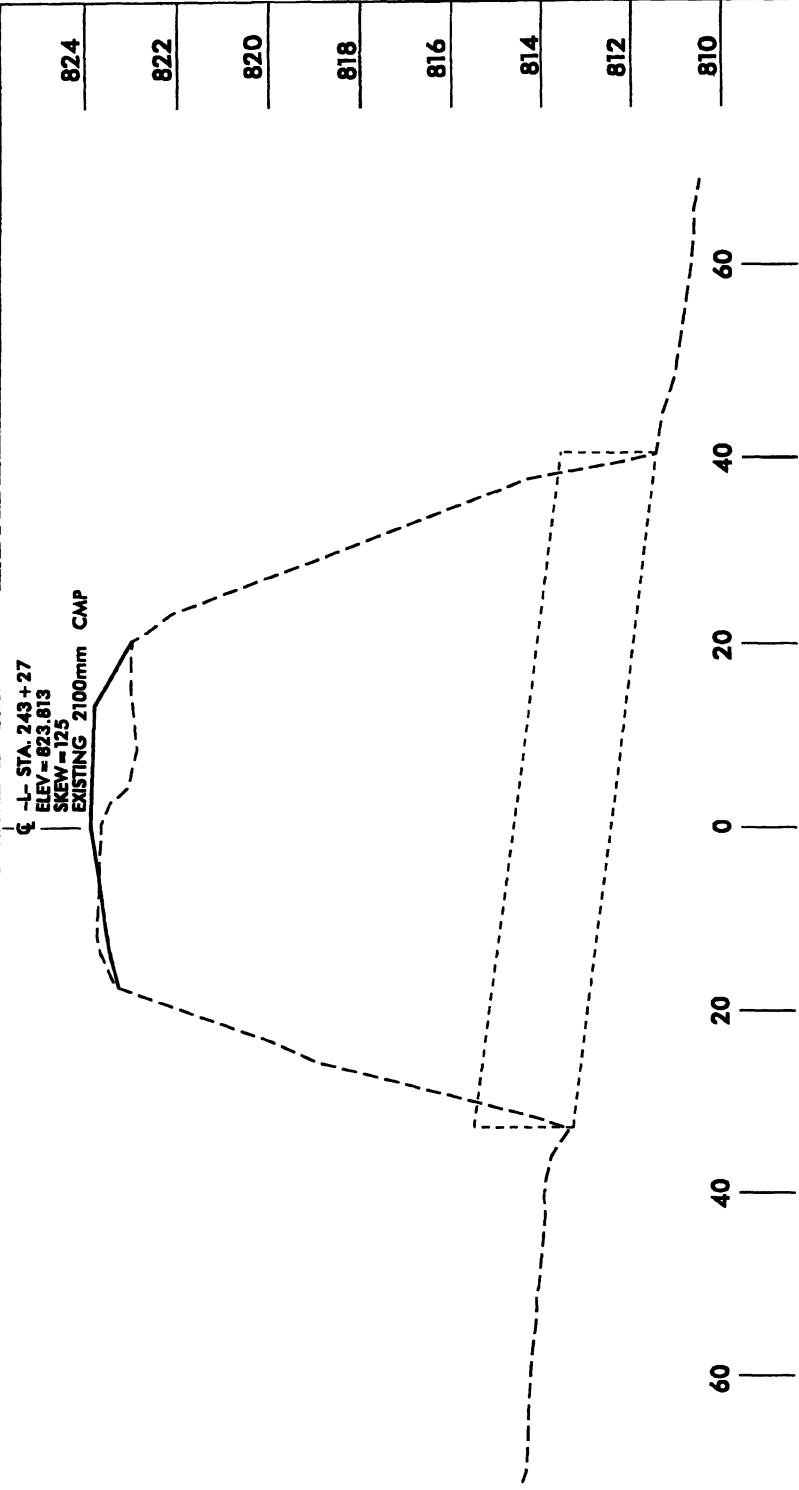
ALL NEW LINES (THIN) SHOWN C/A & FENCE ON PARCEL 24.1. REVISION 1. CHECK FOR TYPICAL SET-
 BACK DISTANCES. ALL EXISTING LINES (THICK) SHOWN C/A & FENCE ON PARCEL 24.
 ALL NEW LINES (THIN) SHOWN C/A & FENCE ON PARCEL 24.1. REVISION 1. CHECK FOR TYPICAL SET-
 BACK DISTANCES. ALL EXISTING LINES (THICK) SHOWN C/A & FENCE ON PARCEL 24.

MATCHLINE -L- STA. 244+20 SEE SHEET NO. 10

FOR -L- PEOPLE SEE SHEET 45
FOR -R- PEOPLE SEE SHEET 45
Point County - 22



FOR THE LANDS (THAT) BOUND BY A LINE IN PANEL 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.



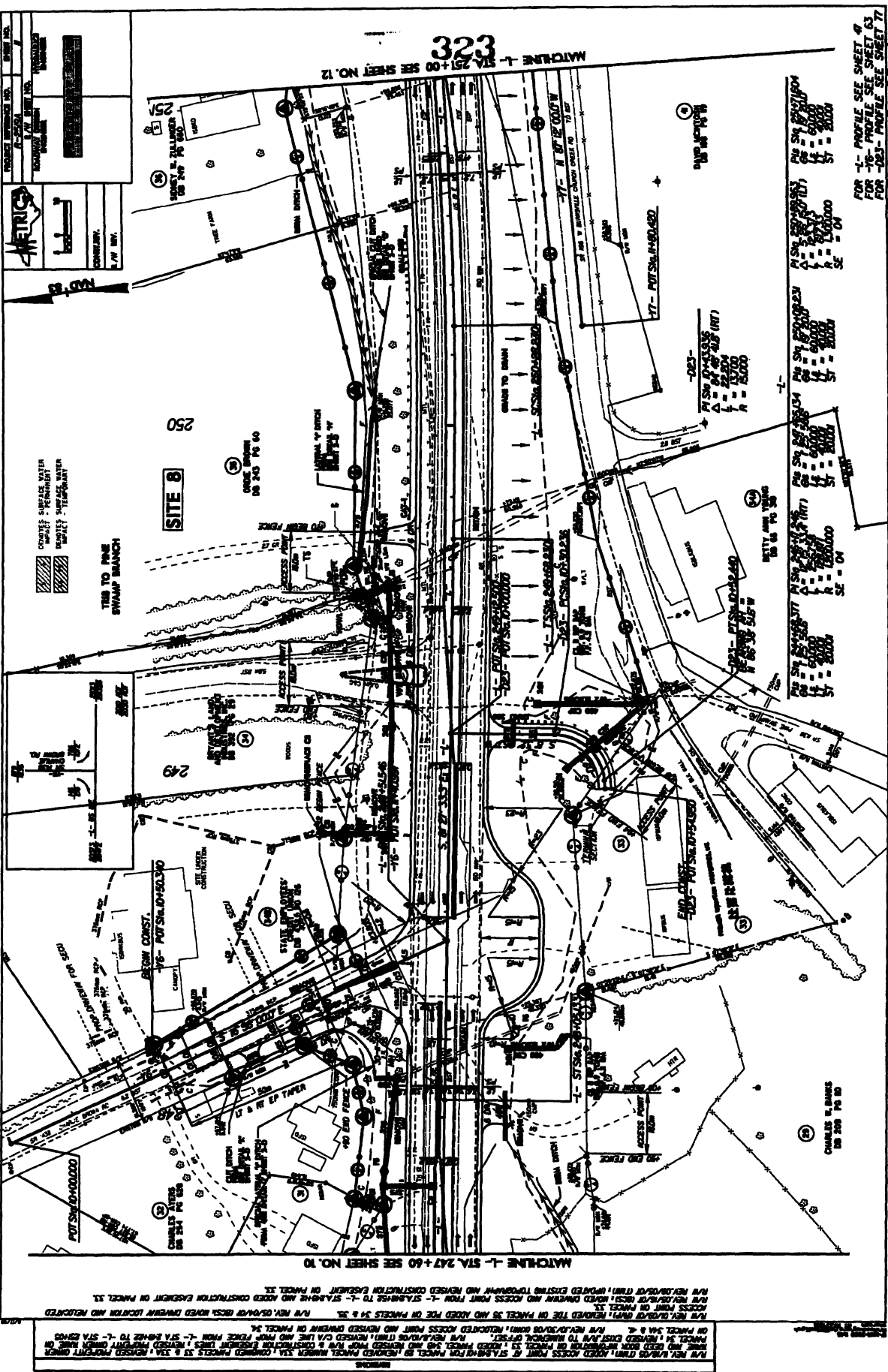
NCDOT
 DIVISION OF HIGHWAYS
 YANCEY COUNTY

PROJECT: WBS 35609.1.1 (R-2519A)
 US 19 E EAST OF
 SR 1336 (JACKS CREEK ROAD)
 TO SR 1186 (OLD US 19)

10/25/06

-L- STATION 243+27
 RETAIN EXISTING 2100mm CMP

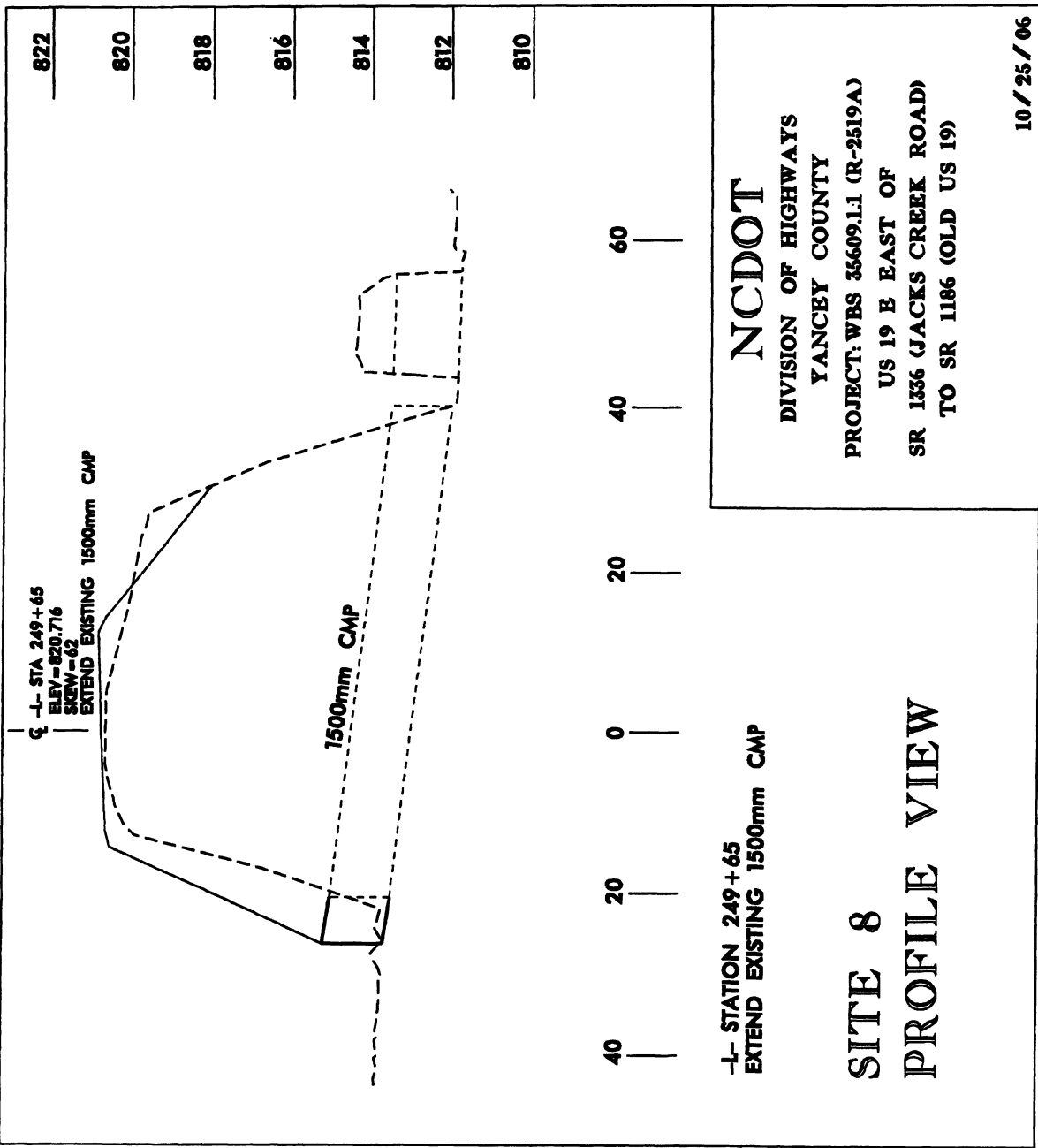
**SITE 7
 PROFILE VIEW**

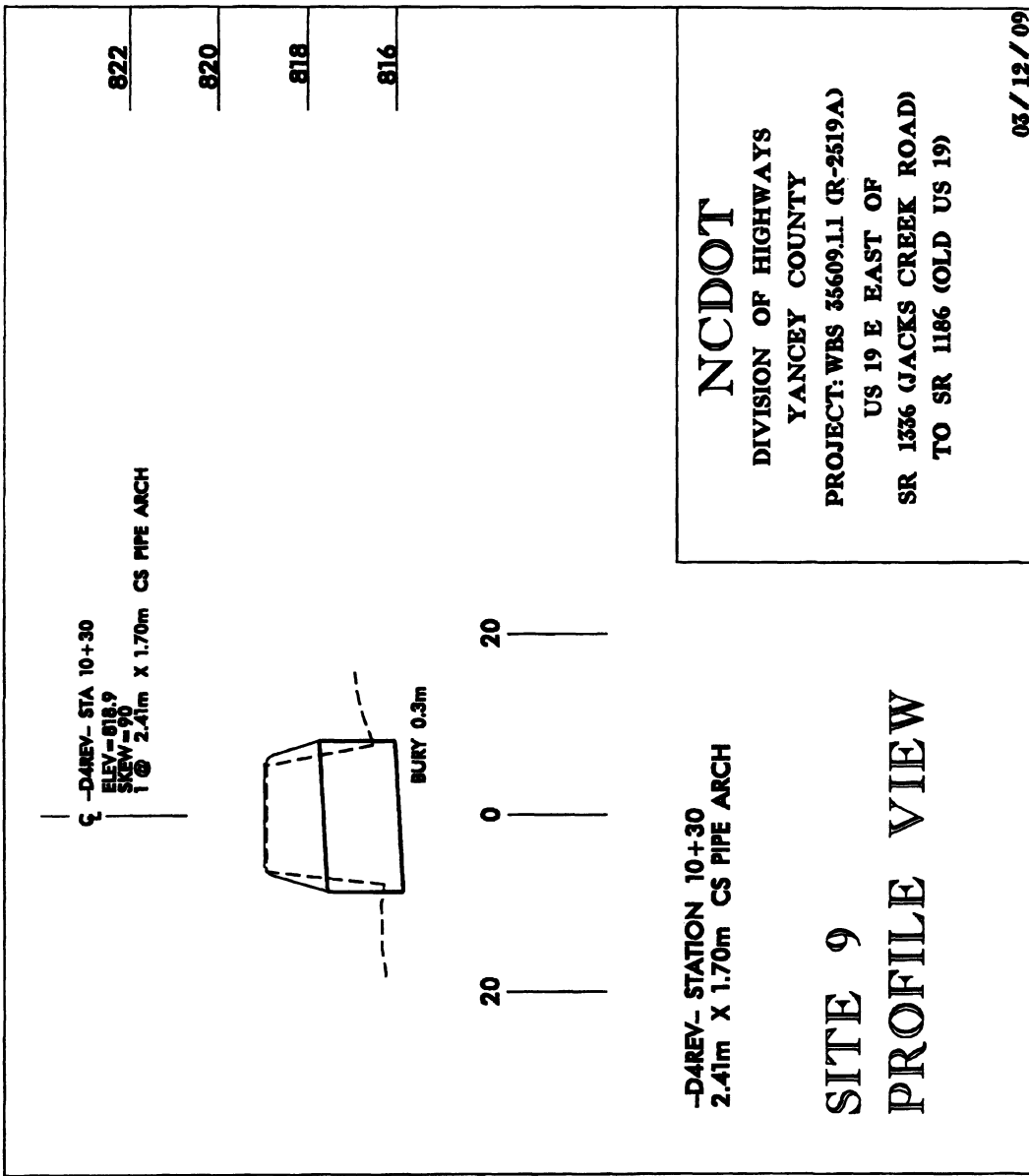


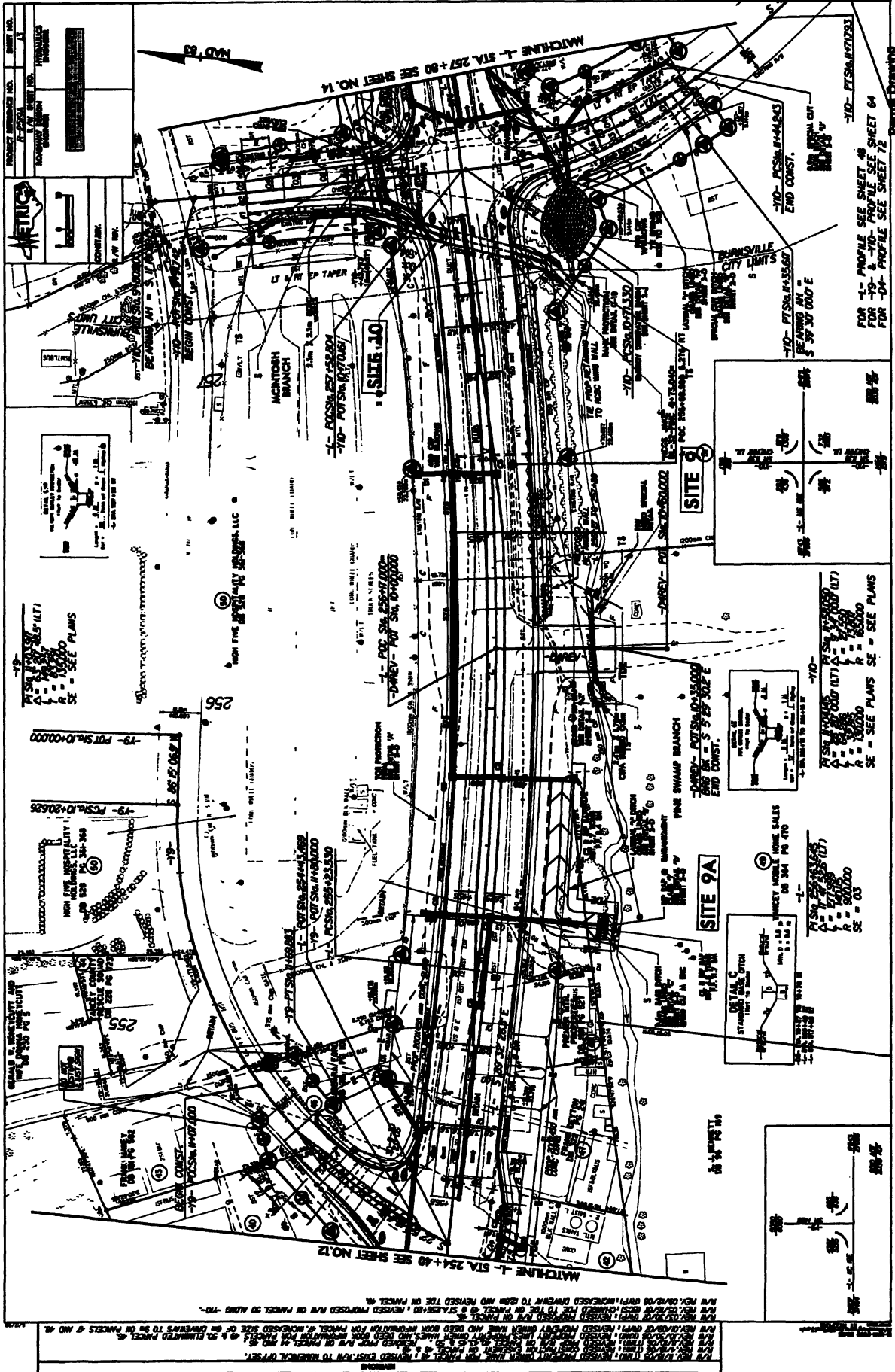
MATCHLINE -L- STA. 247+60 SEE SHEET NO. 10

MATCHLINE -L- STA. 251+00 SEE SHEET NO. 12

FOR 1- PROFILE SEE SHEET 49
 FOR 2- PROFILE SEE SHEET 53
 FOR 3- PROFILE SEE SHEET 57
 FOR 4- PROFILE SEE SHEET 61
 FOR 5- PROFILE SEE SHEET 65
 FOR 6- PROFILE SEE SHEET 69
 FOR 7- PROFILE SEE SHEET 73
 FOR 8- PROFILE SEE SHEET 77
 FOR 9- PROFILE SEE SHEET 81
 FOR 10- PROFILE SEE SHEET 85
 FOR 11- PROFILE SEE SHEET 89
 FOR 12- PROFILE SEE SHEET 93
 FOR 13- PROFILE SEE SHEET 97
 FOR 14- PROFILE SEE SHEET 101
 FOR 15- PROFILE SEE SHEET 105
 FOR 16- PROFILE SEE SHEET 109
 FOR 17- PROFILE SEE SHEET 113
 FOR 18- PROFILE SEE SHEET 117
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 FOR 22- PROFILE SEE SHEET 133
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 FOR 26- PROFILE SEE SHEET 149
 FOR 27- PROFILE SEE SHEET 153
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 FOR 66- PROFILE SEE SHEET 309
 FOR 67- PROFILE SEE SHEET 313
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 FOR 69- PROFILE SEE SHEET 321
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 FOR 72- PROFILE SEE SHEET 333
 FOR 73- PROFILE SEE SHEET 337
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 FOR 89- PROFILE SEE SHEET 401
 FOR 90- PROFILE SEE SHEET 405
 FOR 91- PROFILE SEE SHEET 409
 FOR 92- PROFILE SEE SHEET 413
 FOR 93- PROFILE SEE SHEET 417
 FOR 94- PROFILE SEE SHEET 421
 FOR 95- PROFILE SEE SHEET 425
 FOR 96- PROFILE SEE SHEET 429
 FOR 97- PROFILE SEE SHEET 433
 FOR 98- PROFILE SEE SHEET 437
 FOR 99- PROFILE SEE SHEET 441
 FOR 100- PROFILE SEE SHEET 445

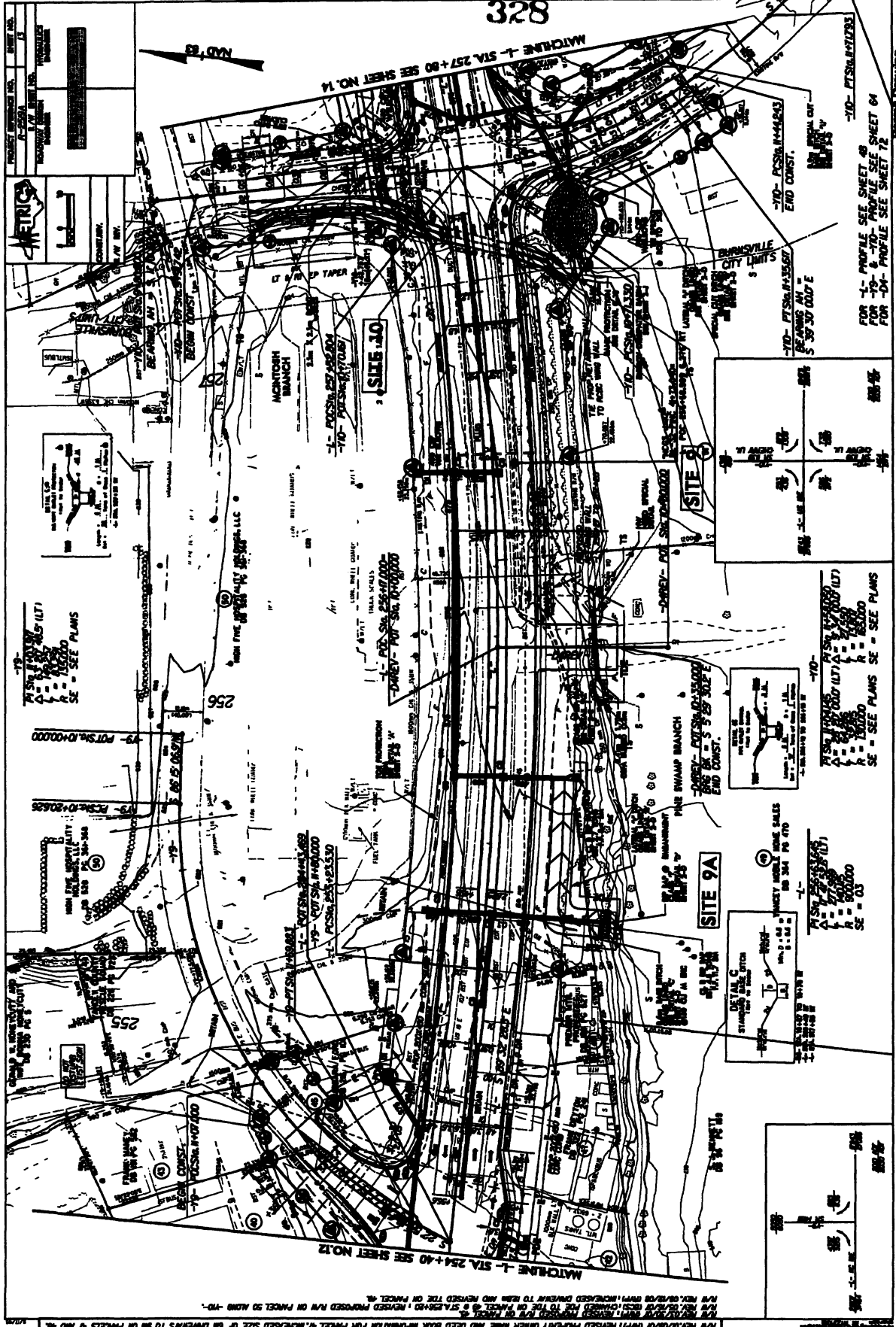
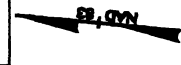






1/8
28
36

MATCHLINE - STA. 257+00 SEE SHEET NO. 11



1" = 50'
 SEE SHEET NO. 11
 SEE SHEET NO. 12

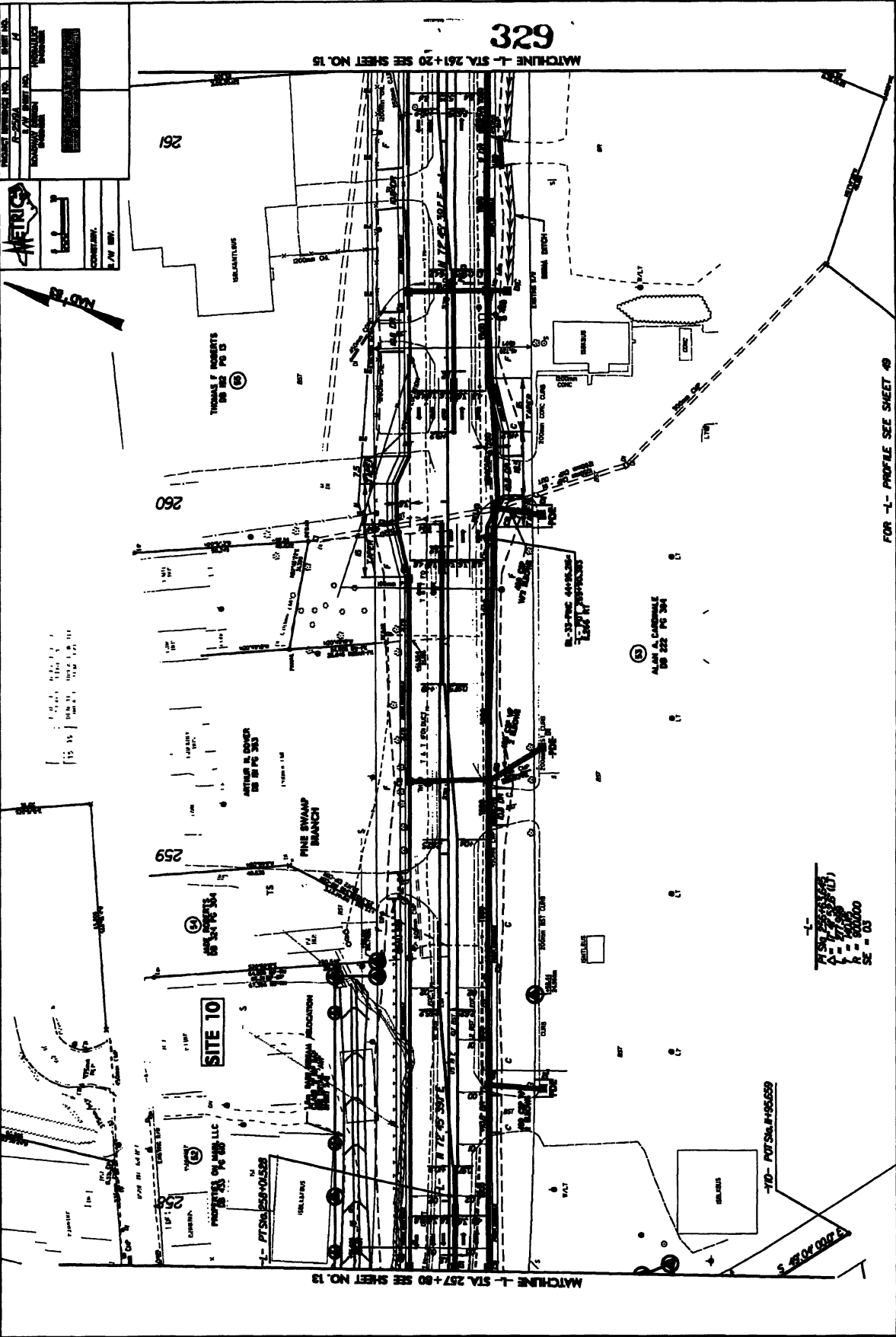
1" = 50'
 SEE SHEET NO. 11
 SEE SHEET NO. 12

1" = 50'
 SEE SHEET NO. 11
 SEE SHEET NO. 12

1" = 50'
 SEE SHEET NO. 11
 SEE SHEET NO. 12

FOR L- PROFILE SEE SHEET 49
 FOR -10- & -70- PROFILE SEE SHEET 64
 FOR -10- & -70- PROFILE SEE SHEET 72

THESE DRAWINGS (INCLUDING THIS SHEET) WERE PREPARED BY THE ENGINEER OR SURVEYOR FOR THE PROJECT AND I HEREBY CERTIFY TO THE ACCURACY OF THE INFORMATION PROVIDED AND TO THE COMPLETION OF THE WORK SHOWN. I AM NOT PROVIDING CONTRACT ADMINISTRATION SERVICES FOR THIS PROJECT. I AM NOT PROVIDING CONTRACT ADMINISTRATION SERVICES FOR THIS PROJECT. I AM NOT PROVIDING CONTRACT ADMINISTRATION SERVICES FOR THIS PROJECT.

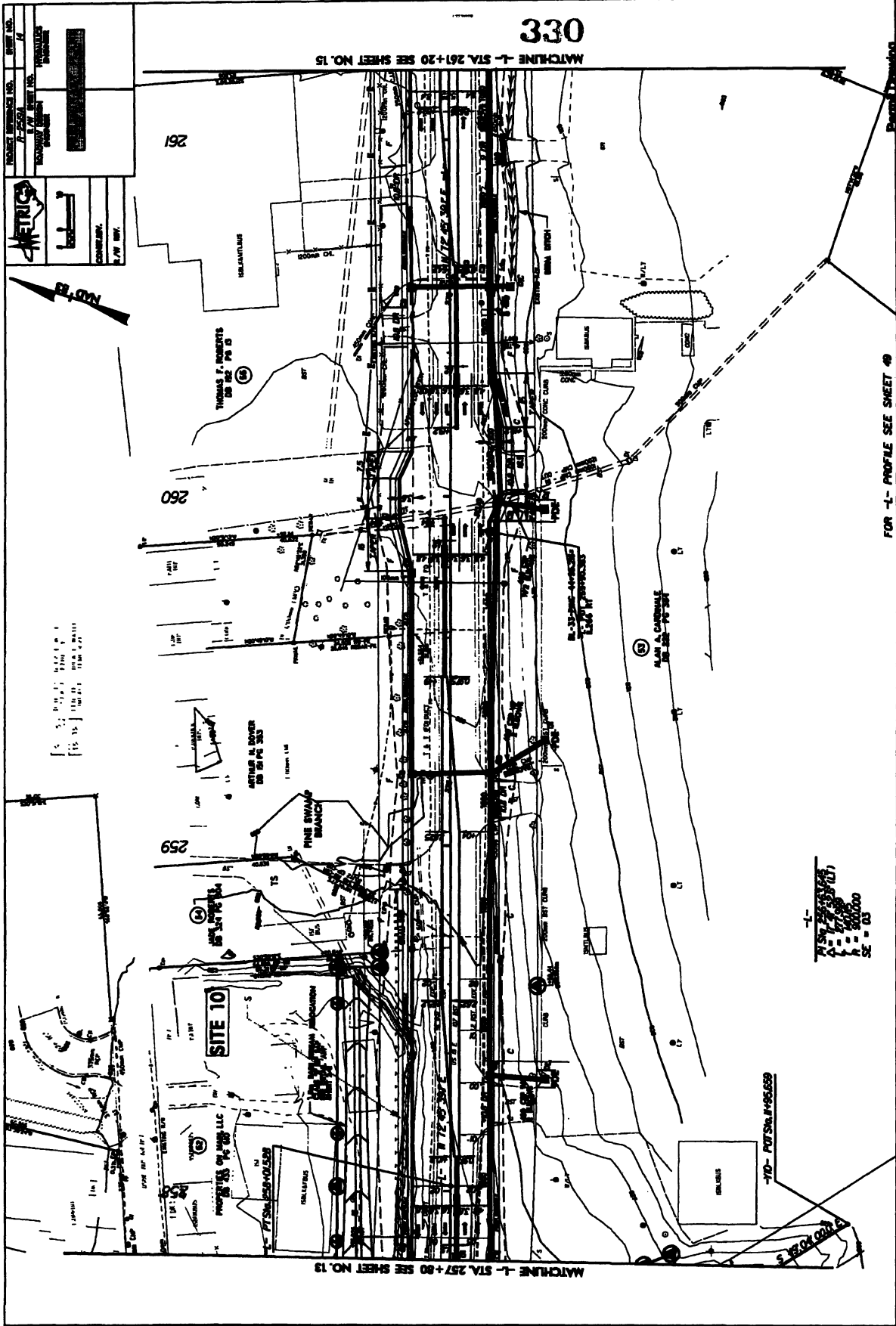


FOR -L- PROFILE SEE SHEET 40

Point Drawing 30 - 84

DATE: 1/27/89
BY: J.P. MCGEE
CHECKED: J.P. MCGEE
DRAWN: J.P. MCGEE

ALL NEW LINES (THAT) WERE PROPERTY OWNED OR CONTROLLED BY THE STATE AND WERE RELOCATED TO THE PUBLIC UTILITY SYSTEM AT STA. 257+80. ALL EXISTING LINES (THAT) WERE NOT RELOCATED TO THE PUBLIC UTILITY SYSTEM AT STA. 257+80 AND WERE NOT RELOCATED TO THE PUBLIC UTILITY SYSTEM AT STA. 257+80. ALL EXISTING LINES (THAT) WERE NOT RELOCATED TO THE PUBLIC UTILITY SYSTEM AT STA. 257+80 AND WERE NOT RELOCATED TO THE PUBLIC UTILITY SYSTEM AT STA. 257+80.



ALL REVISED PROPERTY OWNERS NAME FOR PARCEL 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

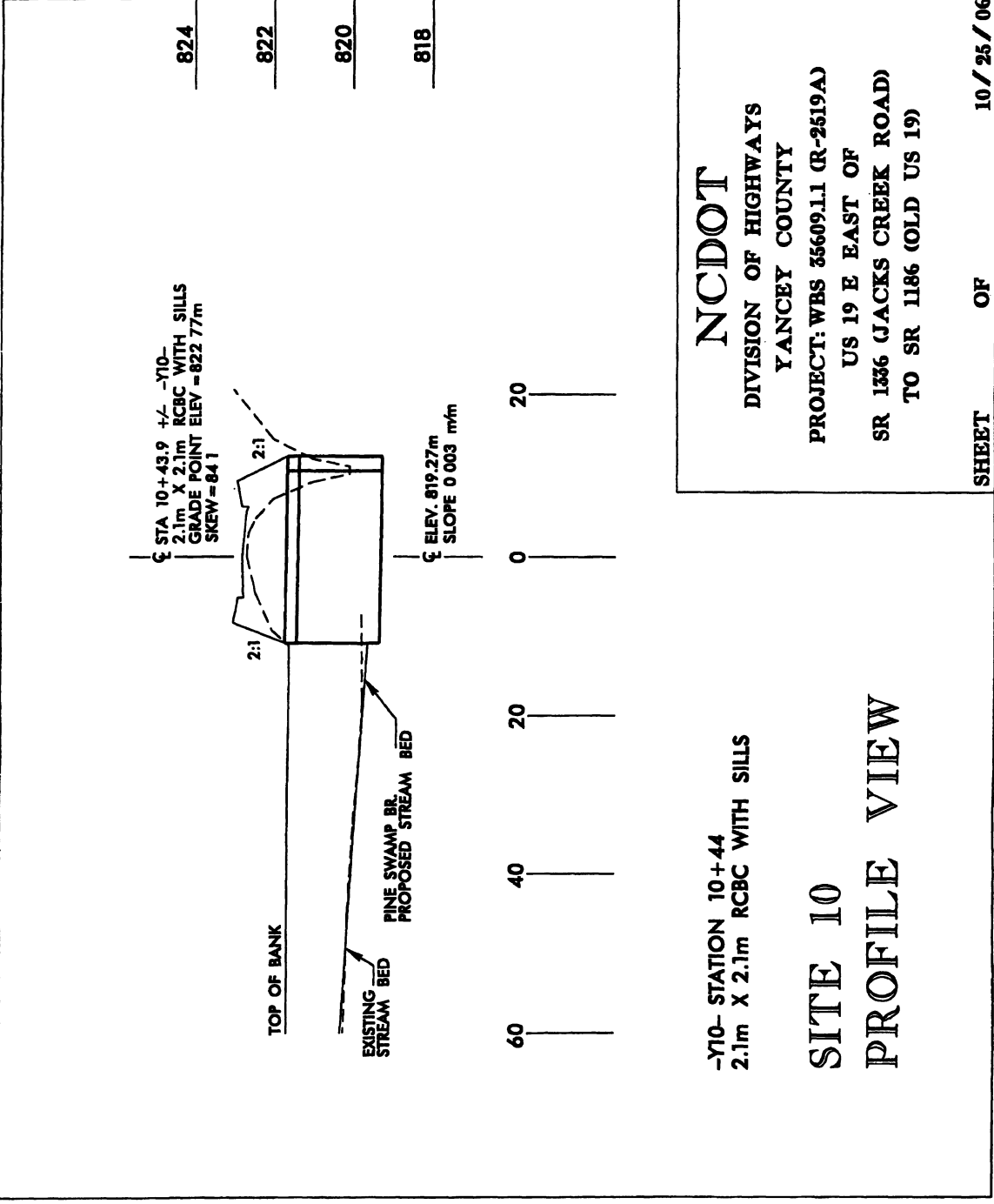
FOR -L- PROFILE SEE SHEET 49

-10- POTENTIAL 195.659

-L-
 1" = 100'
 1" = 10000'
 SE = 03

METRIX
 CONSULTING
 1111 W. 10th St.
 Suite 100
 Fargo, ND 58103
 (701) 785-1111
 www.metrix-nd.com

PROJECT NUMBER NO.	261
DRAWING NO.	261
DATE	11/11/11
DESIGNED BY	...
CHECKED BY	...
APPROVED BY	...

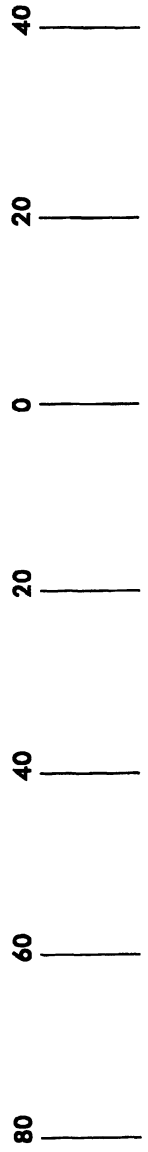
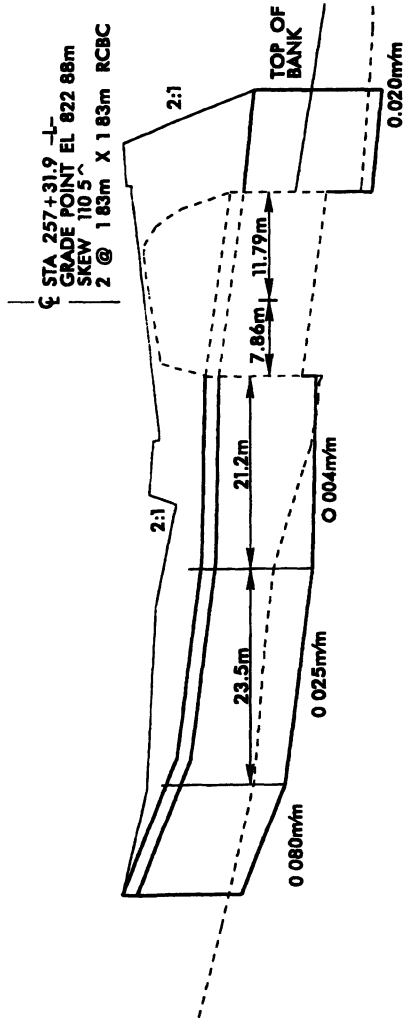


NCDOT
 DIVISION OF HIGHWAYS
 YANCEY COUNTY
 PROJECT: WBS 35609.1.1 (R-2519A)
 US 19 E EAST OF
 SR 1336 (JACKS CREEK ROAD)
 TO SR 1186 (OLD US 19)

-Y10- STATION 10+44
 2.1m X 2.1m RCBC WITH SILLS
SITE 10
PROFILE VIEW

SHEET 22 OF 86

824
822
820
818



-L- STATION 257+32
2 @ 1.83m X 1.83m RCBC

0.3m HIGH SILLS ARE TO BE PLACED IN THE PROPOSED RCBC EXTENSIONS. SPACING SHALL BE AS FOLLOWS:
 MCINTOSH BRANCH AND PINE SWAMP BRANCH AT INLET EXTENSIONS 8m +/-; AT OUTLET EXTENSIONS 5.5m +/- WITH THE INTERIOR SILL BEING 0.6m HIGH.

NCDOT
 DIVISION OF HIGHWAYS
 YANCEY COUNTY
 PROJECT: WBS 35609.1.1 (R-2519A)
 US 19 E FROM EAST OF
 SR 1336 (JACKS CREEK ROAD)
 TO SR 1186 (OLD US 19)

10/25/06

SITE 10
PROFILE VIEW

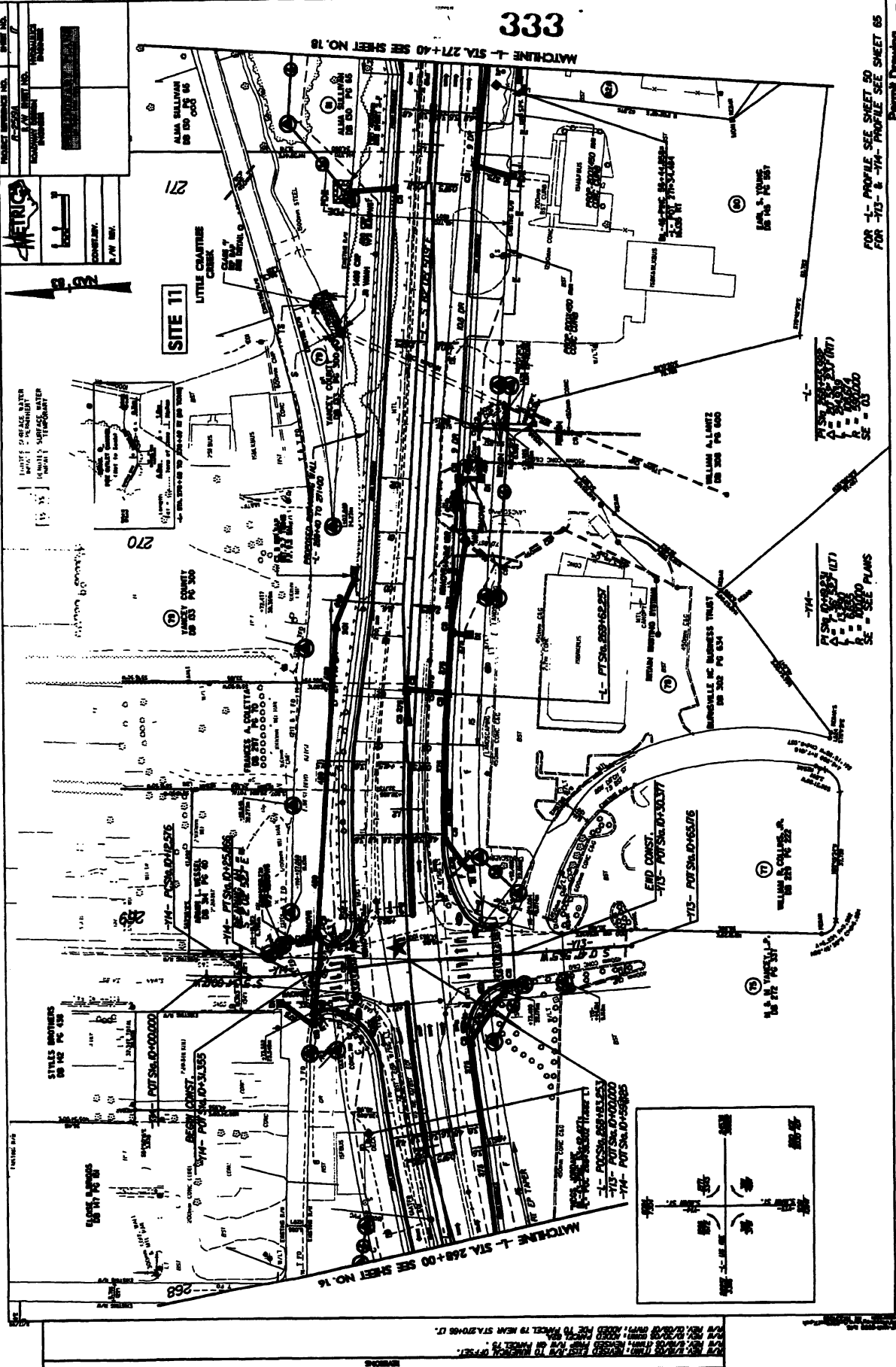
332

333

MATCHLINE T- STA. 271+40 SEE SHEET NO. 18

FOR T- PROFILE SEE SHEET 50
FOR T-0 & T-1A PROFILE SEE SHEET 65

Permit Drawing 37



METRIC

CONTRACT NO. _____

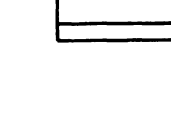
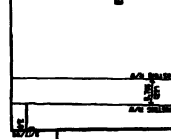
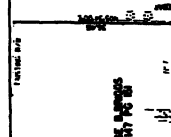
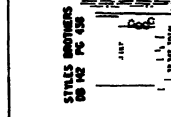
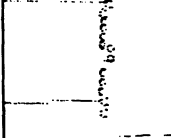
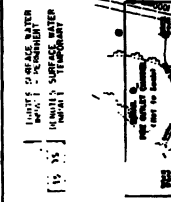
DATE _____

SCALE _____

PROJECT NO. _____

CONTRACTOR _____

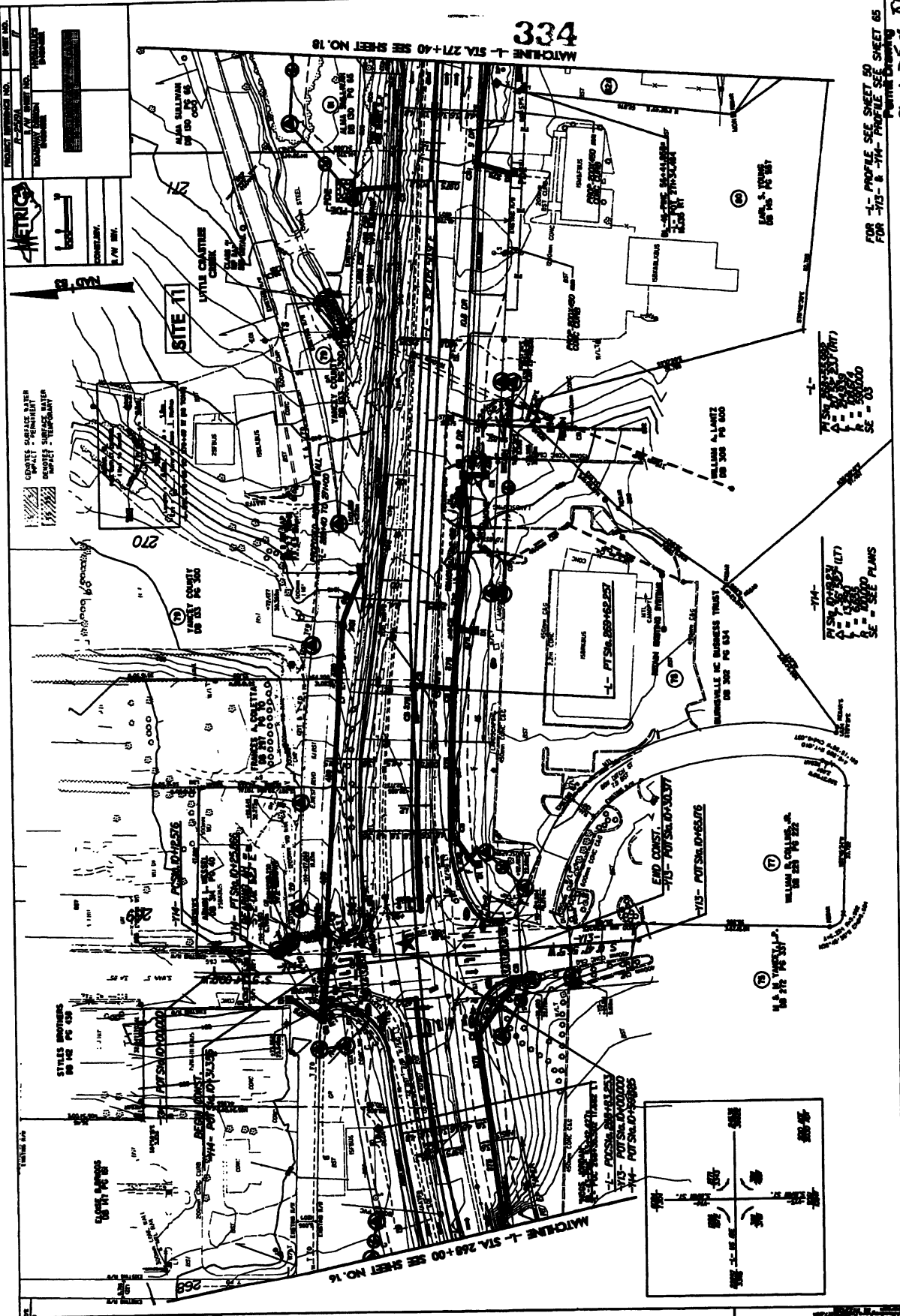
DATE _____



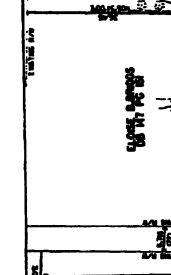
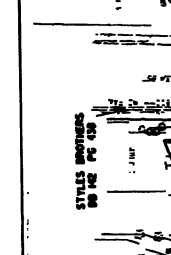
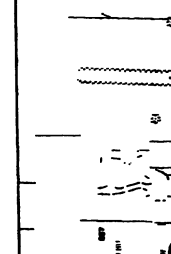
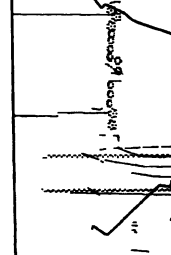
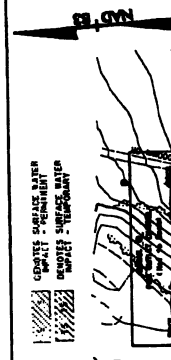
FOR T- PROFILE SEE SHEET 50
FOR T-0 & T-1A PROFILE SEE SHEET 65

MATCHLINE 1- STA. 271+40 SEE SHEET NO. 18

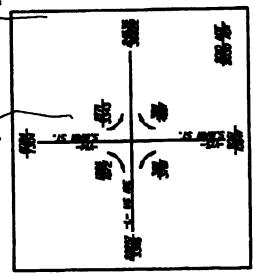
FOR 1- PROFILE SEE SHEET 50
FOR -713 & -714- PROFILE SEE SHEET 65
PLANNING DRAWING



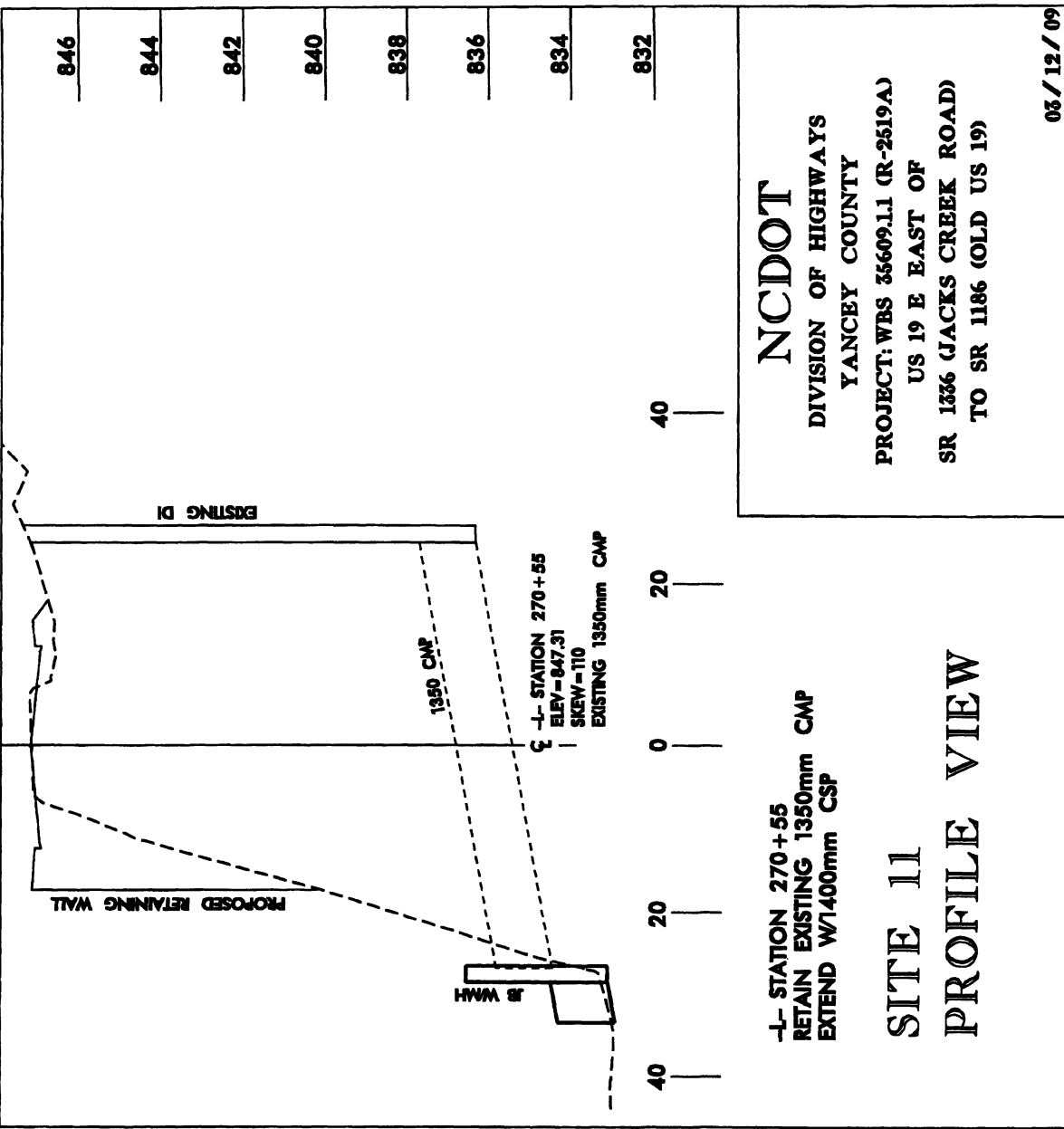
PROJECT NUMBER NO.	SHEET NO.
DATE	
DESIGNED BY	
CHECKED BY	
DATE	



NOTES:
 1. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE NOTED.
 3. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE NOTED.



PLANNING DRAWING
 FOR 1- PROFILE SEE SHEET 50
 FOR -713 & -714- PROFILE SEE SHEET 65



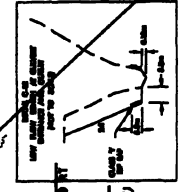
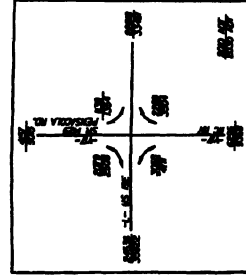
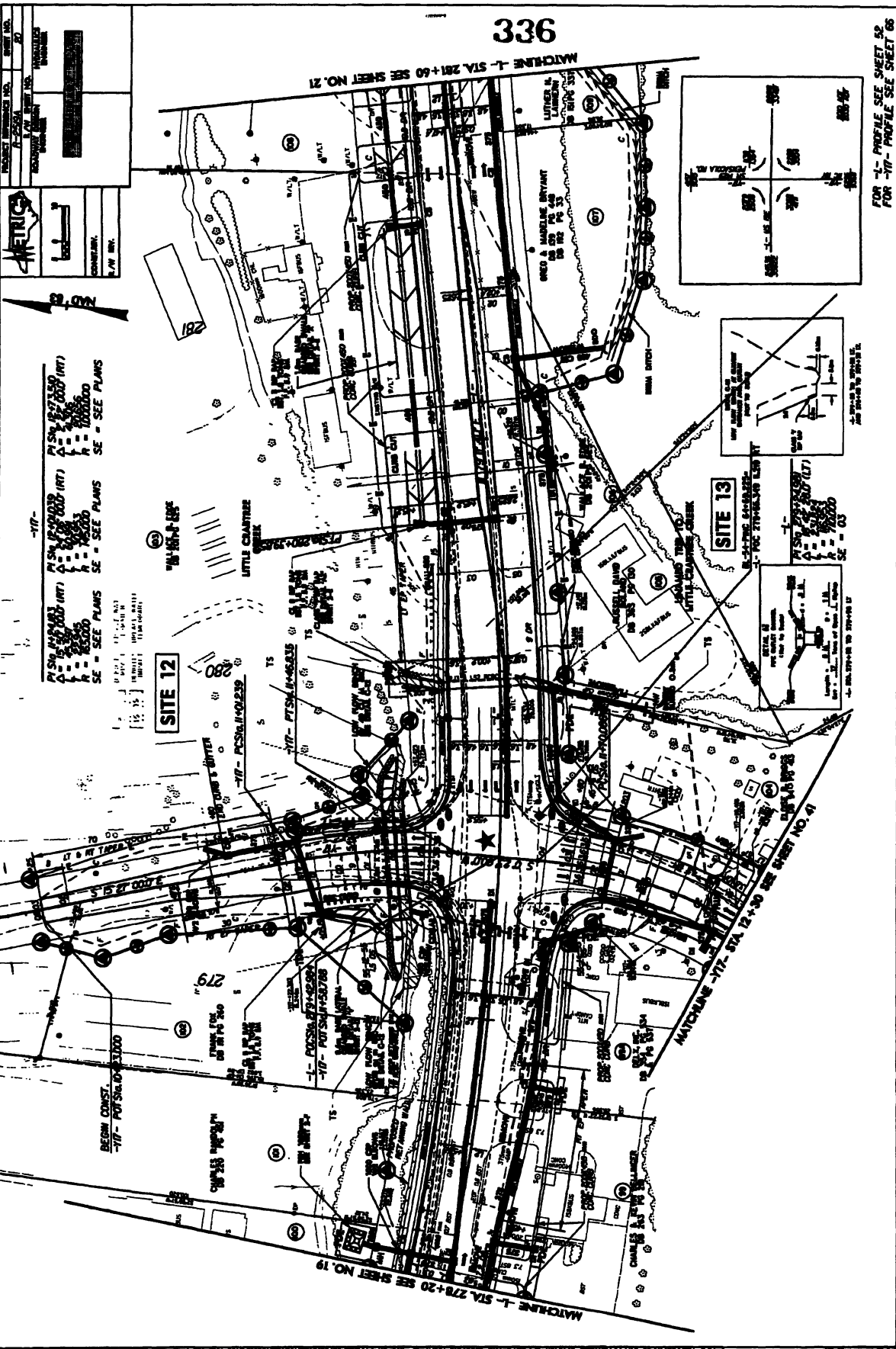
336

MATCHLINE - L- STA. 281+60 SEE SHEET NO. 21

METRICS

PROJECT NO. 17-0000
 DRAWING NO. 17-0000
 DATE 11/11/00
 COUNTY, MISSOURI
 BY J.W. BIRN

-17-
 P.S.N. 17-0000 (INT) A = 17-0000 SE - SEE PLANS
 P.S.N. 17-0000 (INT) B = 17-0000 SE - SEE PLANS
 P.S.N. 17-0000 (INT) C = 17-0000 SE - SEE PLANS
 P.S.N. 17-0000 (INT) D = 17-0000 SE - SEE PLANS
 P.S.N. 17-0000 (INT) E = 17-0000 SE - SEE PLANS
 P.S.N. 17-0000 (INT) F = 17-0000 SE - SEE PLANS
 P.S.N. 17-0000 (INT) G = 17-0000 SE - SEE PLANS
 P.S.N. 17-0000 (INT) H = 17-0000 SE - SEE PLANS
 P.S.N. 17-0000 (INT) I = 17-0000 SE - SEE PLANS
 P.S.N. 17-0000 (INT) J = 17-0000 SE - SEE PLANS
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 P.S.N. 17-0000 (INT) M = 17-0000 SE - SEE PLANS
 P.S.N. 17-0000 (INT) N = 17-0000 SE - SEE PLANS
 P.S.N. 17-0000 (INT) O = 17-0000 SE - SEE PLANS
 P.S.N. 17-0000 (INT) P = 17-0000 SE - SEE PLANS
 P.S.N. 17-0000 (INT) Q = 17-0000 SE - SEE PLANS
 P.S.N. 17-0000 (INT) R = 17-0000 SE - SEE PLANS
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 P.S.N. 17-0000 (INT) T = 17-0000 SE - SEE PLANS
 P.S.N. 17-0000 (INT) U = 17-0000 SE - SEE PLANS
 P.S.N. 17-0000 (INT) V = 17-0000 SE - SEE PLANS
 P.S.N. 17-0000 (INT) W = 17-0000 SE - SEE PLANS
 P.S.N. 17-0000 (INT) X = 17-0000 SE - SEE PLANS
 P.S.N. 17-0000 (INT) Y = 17-0000 SE - SEE PLANS
 P.S.N. 17-0000 (INT) Z = 17-0000 SE - SEE PLANS



FOR "L" PROFILE SEE SHEET 52
 FOR "17" PROFILE SEE SHEET 66
 PARTIAL DRAWING

17-0000-336

NOT TO SCALE
 ALL DIMENSIONS (UNLESS OTHERWISE SPECIFIED) ARE IN FEET AND DECIMALS THEREOF.
 ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE ROAD OR TO THE CENTERLINE OF THE UTILITY LINE UNLESS OTHERWISE SPECIFIED.
 ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE ROAD OR TO THE CENTERLINE OF THE UTILITY LINE UNLESS OTHERWISE SPECIFIED.
 ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE ROAD OR TO THE CENTERLINE OF THE UTILITY LINE UNLESS OTHERWISE SPECIFIED.

PLANS

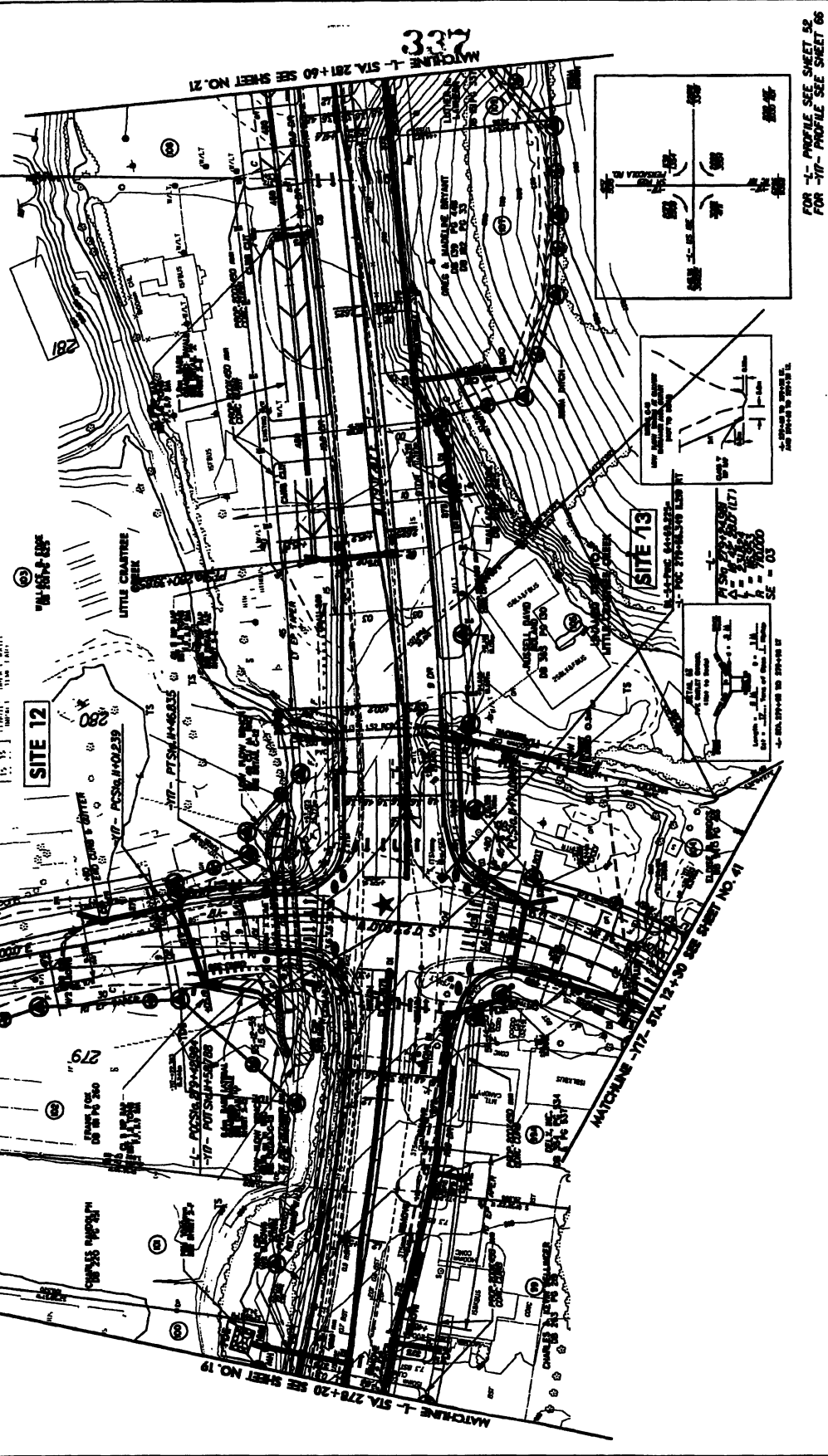
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 SHEET NO. 332
 DATE [REDACTED]

SCALE: 1" = 200'

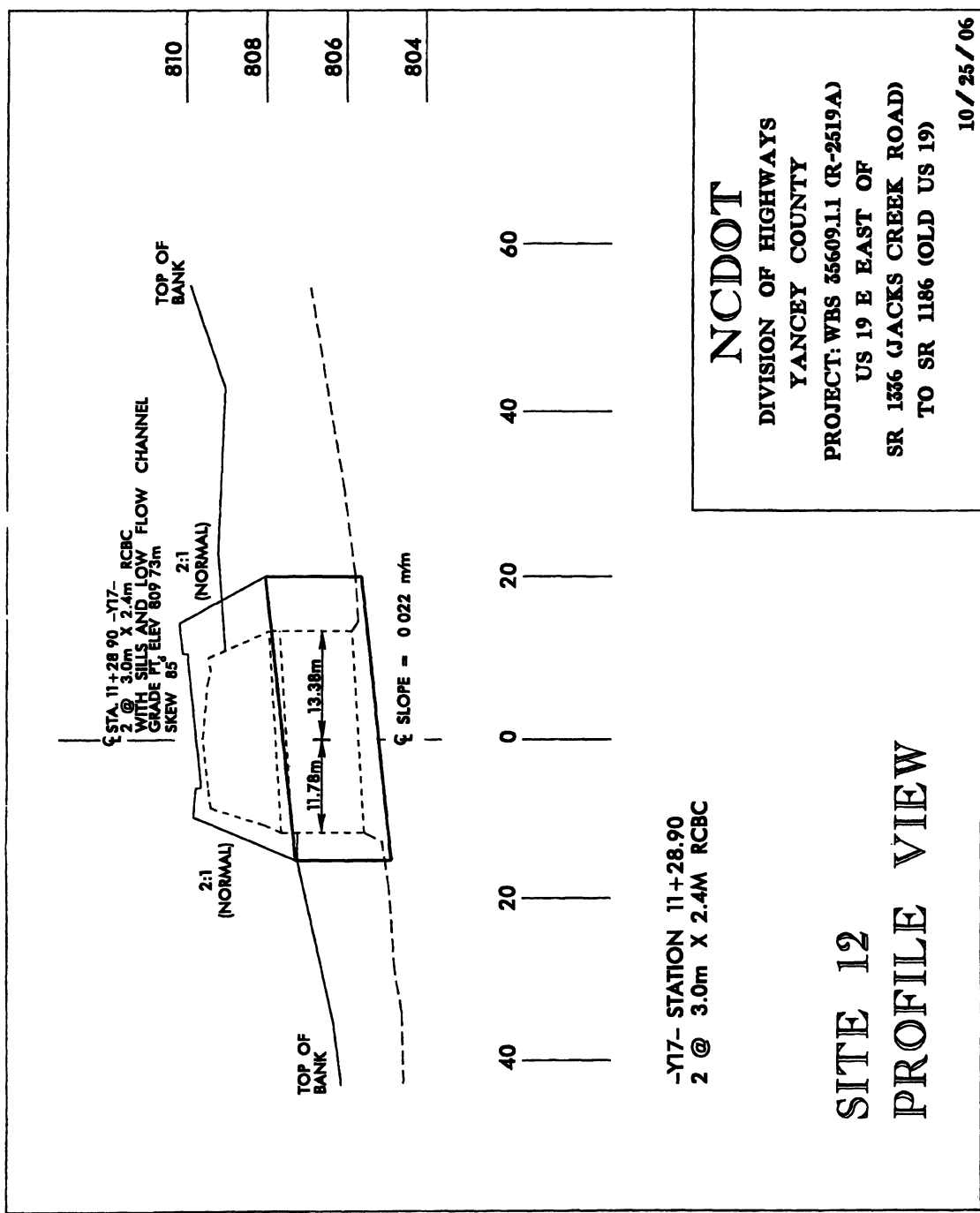
DATE: [REDACTED]

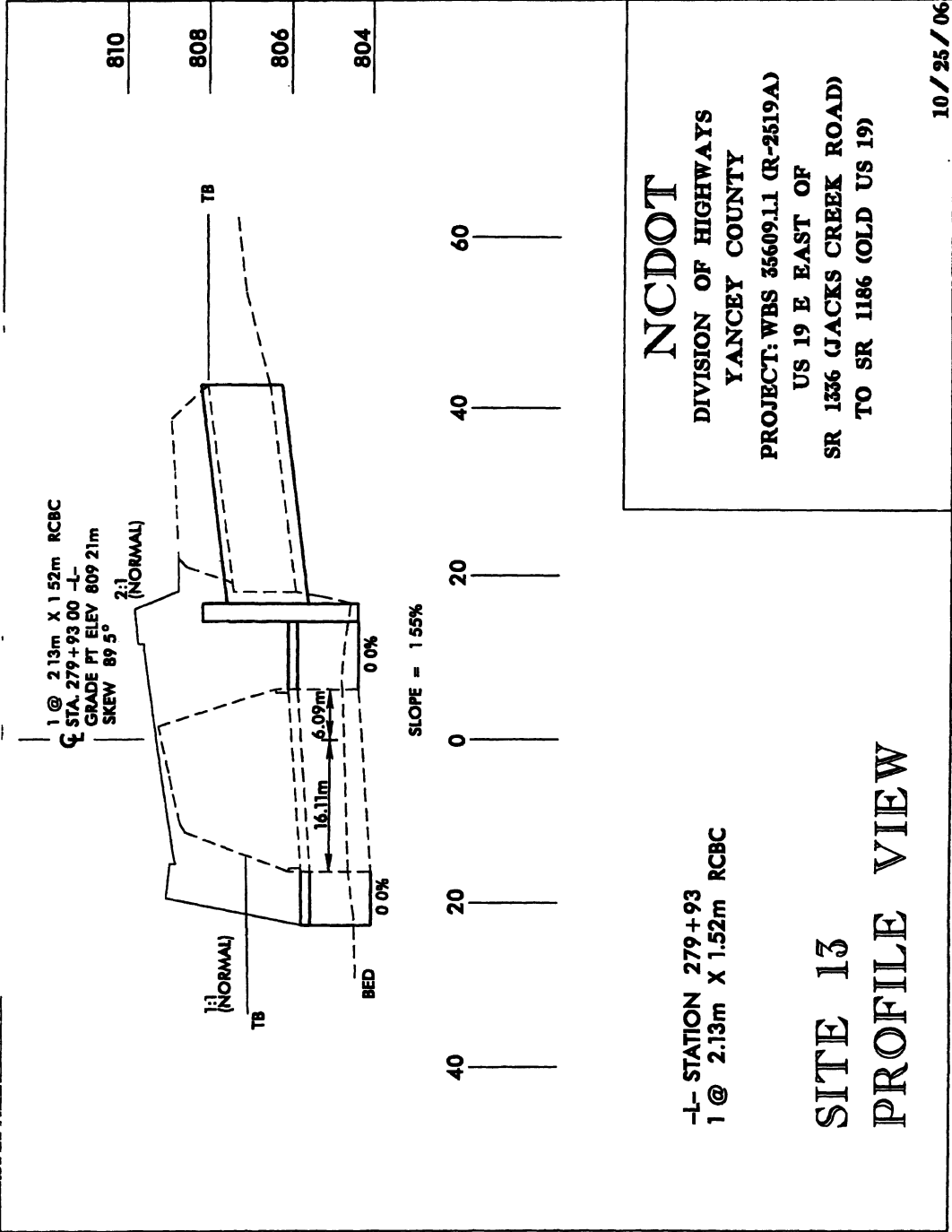
PLANS

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FOR 1- PROFILE SEE SHEET 331
 FOR 117- PROFILE SEE SHEET 86

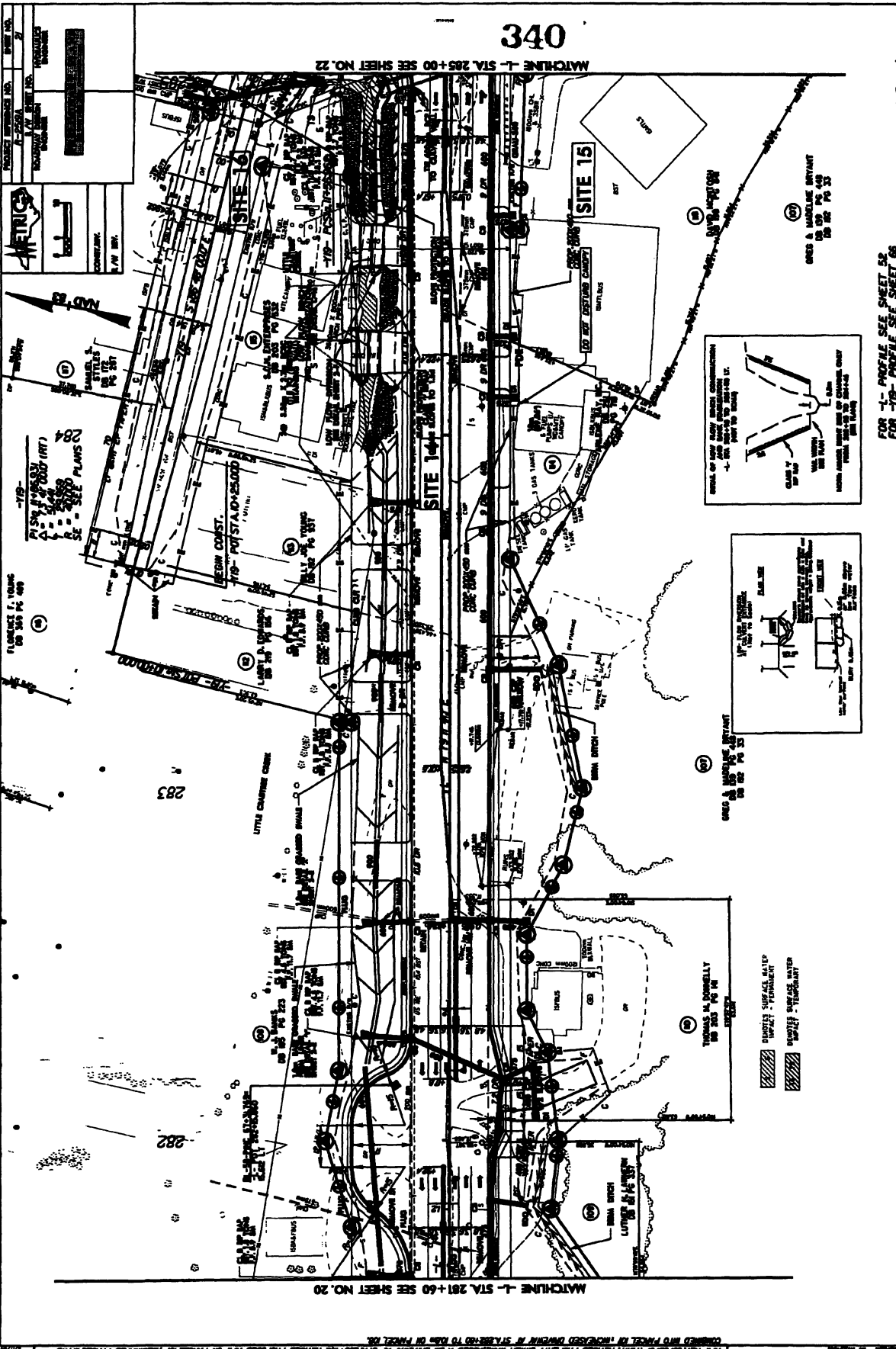




339

MATCHLINE - STA. 285+00 SEE SHEET NO. 22

MATCHLINE - STA. 281+60 SEE SHEET NO. 20



METRIC

CONVERSION
1 IN = 25.4 MM

SCALE
1" = 20'

DATE
12-20-00

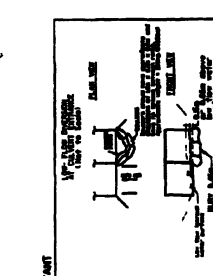
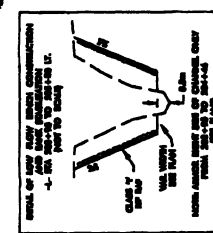
PROJECT NO.
12-20-00

DRAWN BY
J. J. J.

CHECKED BY
J. J. J.

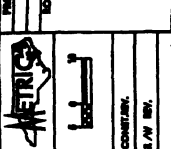
APPROVED BY
J. J. J.

ONE A MARCH 2001
PAGE 33



FOR 1- PROFILE SEE SHEET 22
FOR 10- PROFILE SEE SHEET 06

PROJECT NUMBER	2
DATE	11/21/82
BY	...
CHECKED	...
SCALE	1" = 40'



FLORIANE F. YOUNG
 100 340 PG 401

284
 SEE L-1 SEE PLANS

283

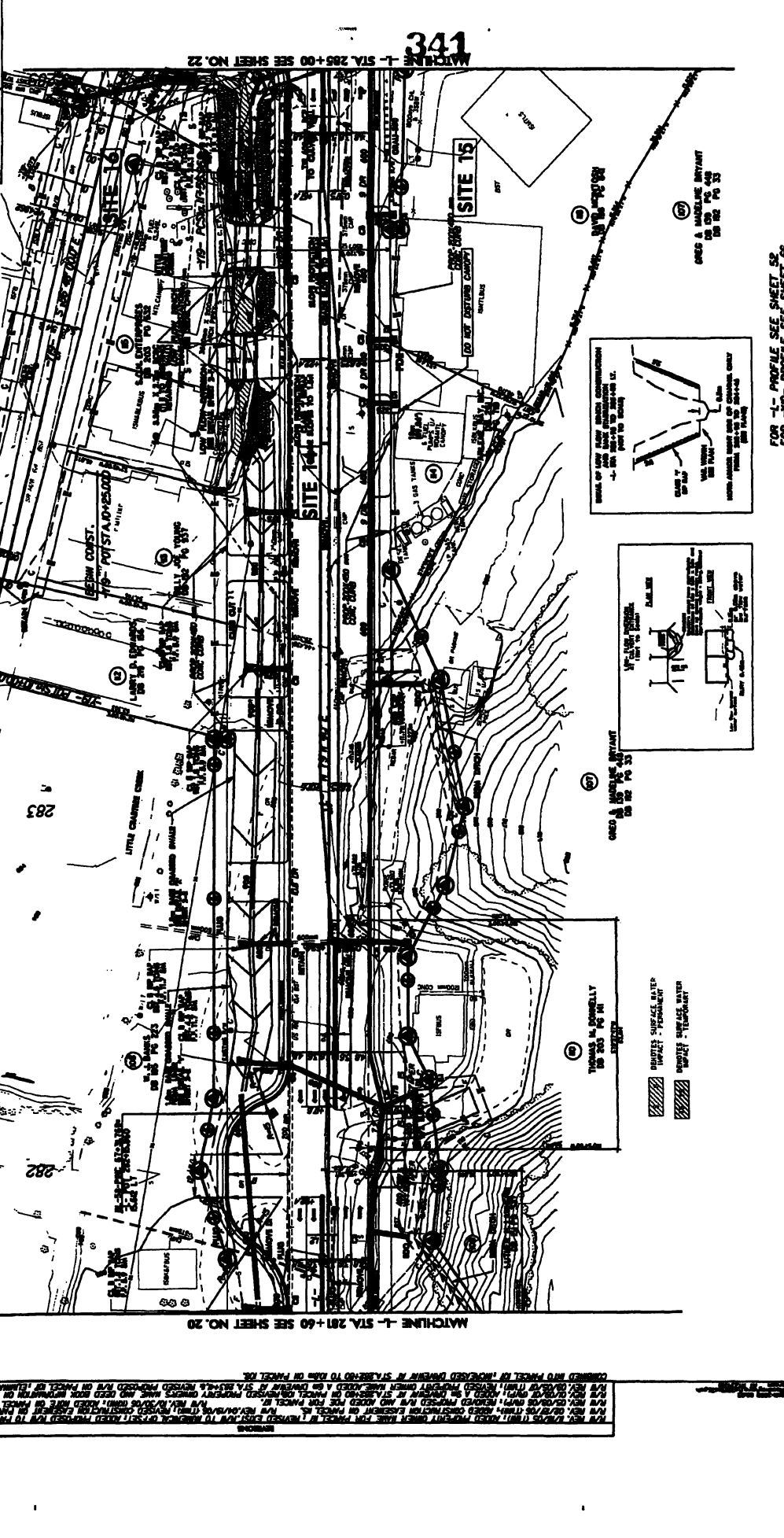
282

281

280

279

278



MATCHLINE L- STA. 285+00 SEE SHEET NO. 22

MATCHLINE L- STA. 281+60 SEE SHEET NO. 20

341

FOR -1- PROFILE SEE SHEET 52
 FOR -1B- PROFILE SEE SHEET 66

FOR -1- PROFILE SEE SHEET 52
 FOR -1B- PROFILE SEE SHEET 66

FOR -1- PROFILE SEE SHEET 52
 FOR -1B- PROFILE SEE SHEET 66

FOR -1- PROFILE SEE SHEET 52
 FOR -1B- PROFILE SEE SHEET 66

FOR -1- PROFILE SEE SHEET 52
 FOR -1B- PROFILE SEE SHEET 66

FOR -1- PROFILE SEE SHEET 52
 FOR -1B- PROFILE SEE SHEET 66

CONTRACTOR'S NOTES:
 1. ALL EXISTING UTILITIES TO REMAIN UNLESS OTHERWISE NOTED.
 2. ALL NEW UTILITIES TO BE INSTALLED AS SHOWN.
 3. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE SPECIFICATIONS AND THE CITY OF CHICAGO ORDINANCES.
 4. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL OR BETTER CONDITION.
 5. ALL EROSION CONTROL MEASURES TO BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.
 6. ALL MATERIALS TO BE USED SHALL BE OF THE BEST QUALITY AND SHALL BE APPROVED BY THE ENGINEER.
 7. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
 8. ALL UTILITIES TO BE DEPTH MARKED AND COVERED PRIOR TO ANY CONSTRUCTION.
 9. ALL EXISTING TREES TO BE PRESERVED UNLESS OTHERWISE NOTED.
 10. ALL NEW TREES TO BE PLANTED AT THE TIME OF CONSTRUCTION AND MAINTAINED THROUGHOUT CONSTRUCTION.
 11. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF CHICAGO ORDINANCES AND THE SPECIFICATIONS.
 12. ALL MATERIALS TO BE USED SHALL BE OF THE BEST QUALITY AND SHALL BE APPROVED BY THE ENGINEER.
 13. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
 14. ALL UTILITIES TO BE DEPTH MARKED AND COVERED PRIOR TO ANY CONSTRUCTION.
 15. ALL EXISTING TREES TO BE PRESERVED UNLESS OTHERWISE NOTED.
 16. ALL NEW TREES TO BE PLANTED AT THE TIME OF CONSTRUCTION AND MAINTAINED THROUGHOUT CONSTRUCTION.

FOR -1- PROFILE SEE SHEET 52
 FOR -1B- PROFILE SEE SHEET 66

FOR -1- PROFILE SEE SHEET 52
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 FOR -1B- PROFILE SEE SHEET 66

FOR -1- PROFILE SEE SHEET 52
 FOR -1B- PROFILE SEE SHEET 66

341
 MATCHLINE L- STA. 285+00 SEE SHEET NO. 22

MATCHLINE L- STA. 281+60 SEE SHEET NO. 20

FOR -1- PROFILE SEE SHEET 52
 FOR -1B- PROFILE SEE SHEET 66

FOR -1- PROFILE SEE SHEET 52
 FOR -1B- PROFILE SEE SHEET 66

FOR -1- PROFILE SEE SHEET 52
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FOR -1- PROFILE SEE SHEET 52
 FOR -1B- PROFILE SEE SHEET 66

FOR -1- PROFILE SEE SHEET 52
 FOR -1B- PROFILE SEE SHEET 66

FOR -1- PROFILE SEE SHEET 52
 FOR -1B- PROFILE SEE SHEET 66

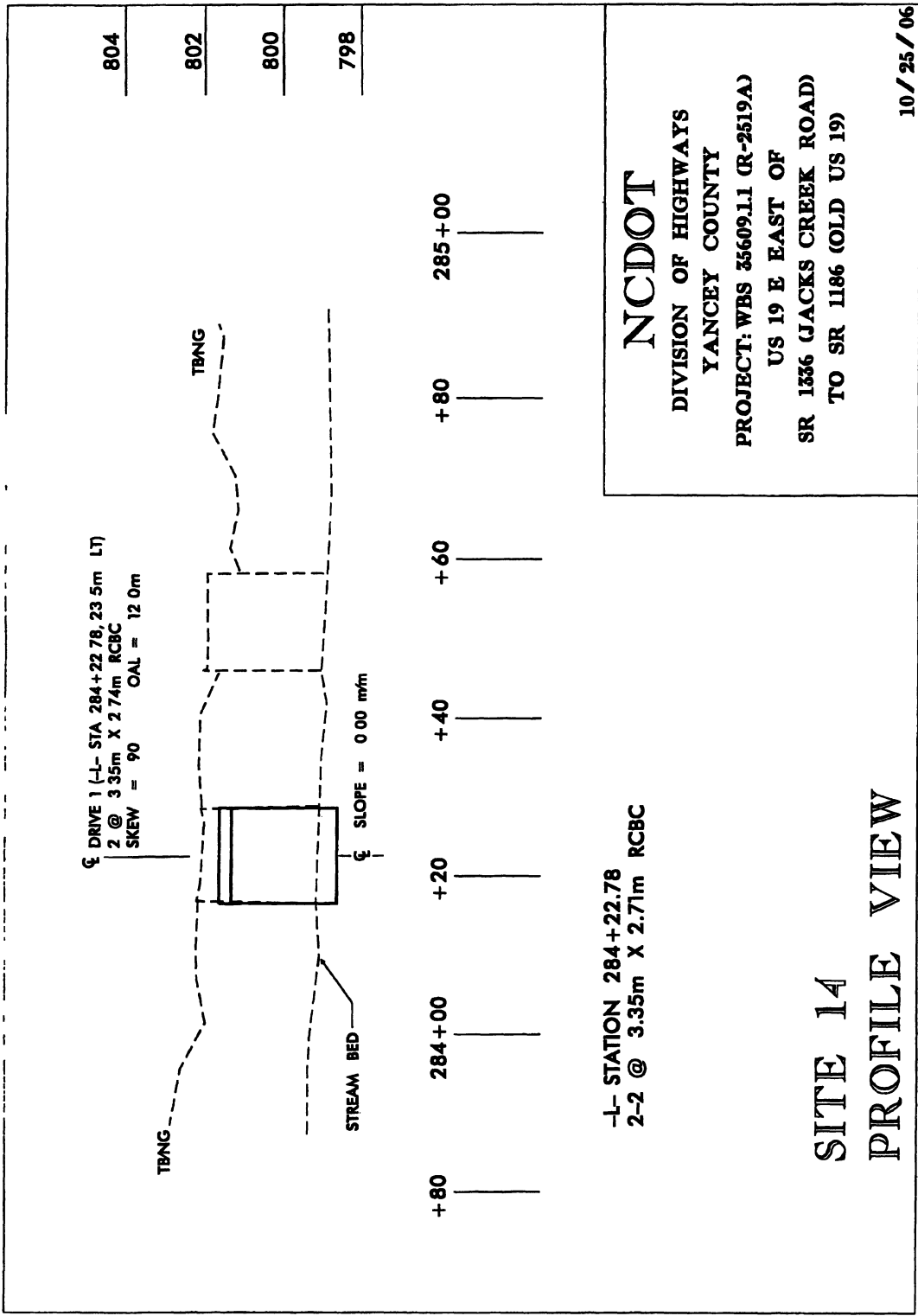
FOR -1- PROFILE SEE SHEET 52
 FOR -1B- PROFILE SEE SHEET 66

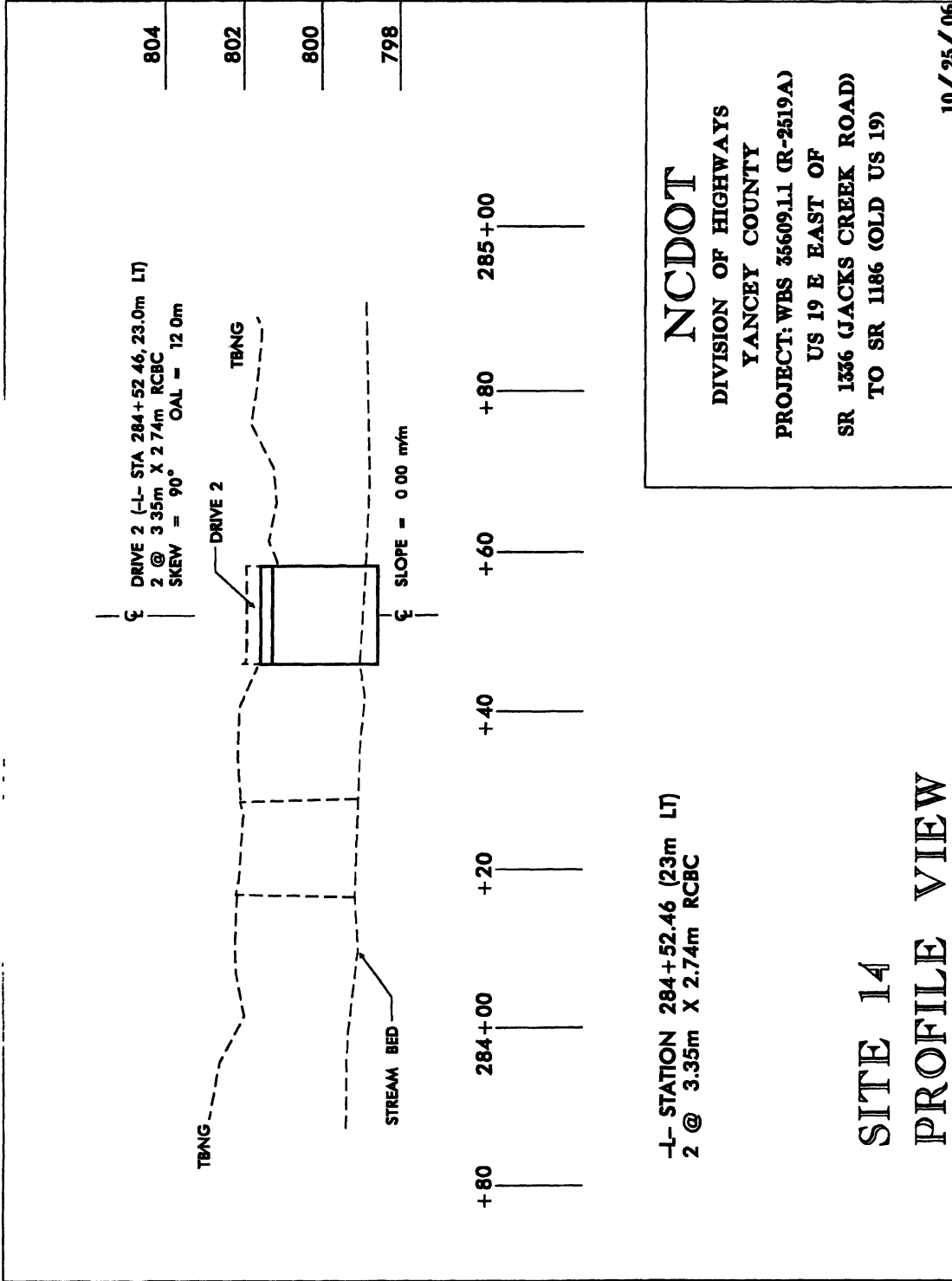
FOR -1- PROFILE SEE SHEET 52
 FOR -1B- PROFILE SEE SHEET 66

FOR -1- PROFILE SEE SHEET 52
 FOR -1B- PROFILE SEE SHEET 66

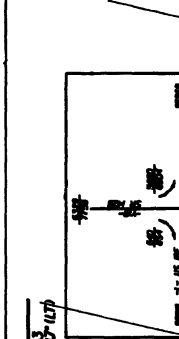
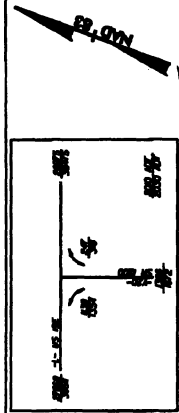
FOR -1- PROFILE SEE SHEET 52
 FOR -1B- PROFILE SEE SHEET 66

FOR -1- PROFILE SEE SHEET 52
 FOR -1B- PROFILE SEE SHEET 66

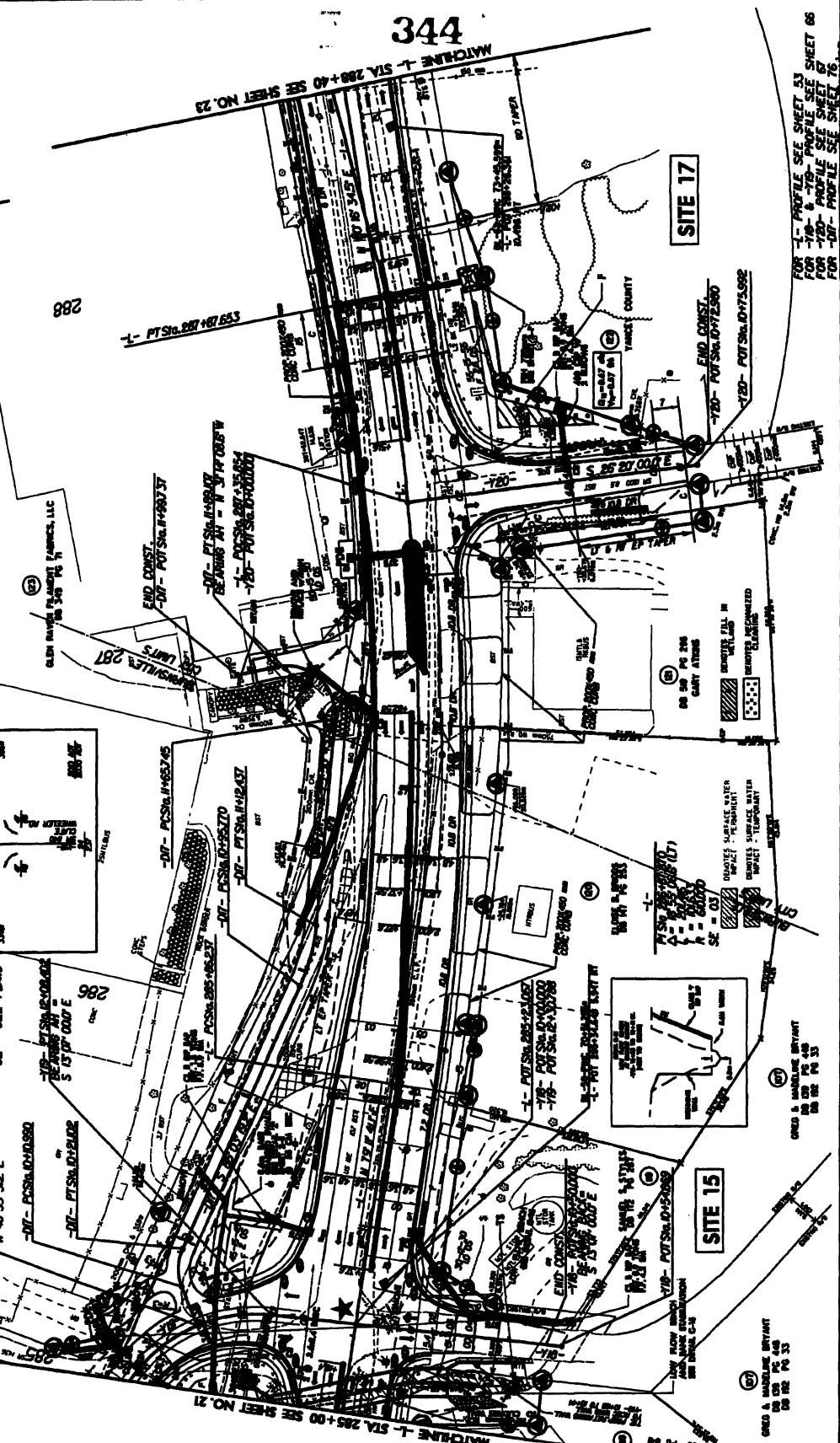




PROJECT NUMBER	1-234	SHEET NO.	22
DATE	11/11/03	PROJECT NAME	WINDYBUSH
DESIGNED BY	WINDYBUSH	DATE	11/11/03
CHECKED BY	WINDYBUSH	DATE	11/11/03
SCALE	AS SHOWN	DATE	11/11/03



PI STA 0+00.00	PI STA 1+00.00	PI STA 2+00.00	PI STA 3+00.00
EA = 10.00	EA = 10.00	EA = 10.00	EA = 10.00
RA = 50.000	RA = 50.000	RA = 50.000	RA = 50.000
PI STA 4+00.00	PI STA 5+00.00	PI STA 6+00.00	PI STA 7+00.00
EA = 10.00	EA = 10.00	EA = 10.00	EA = 10.00
RA = 50.000	RA = 50.000	RA = 50.000	RA = 50.000

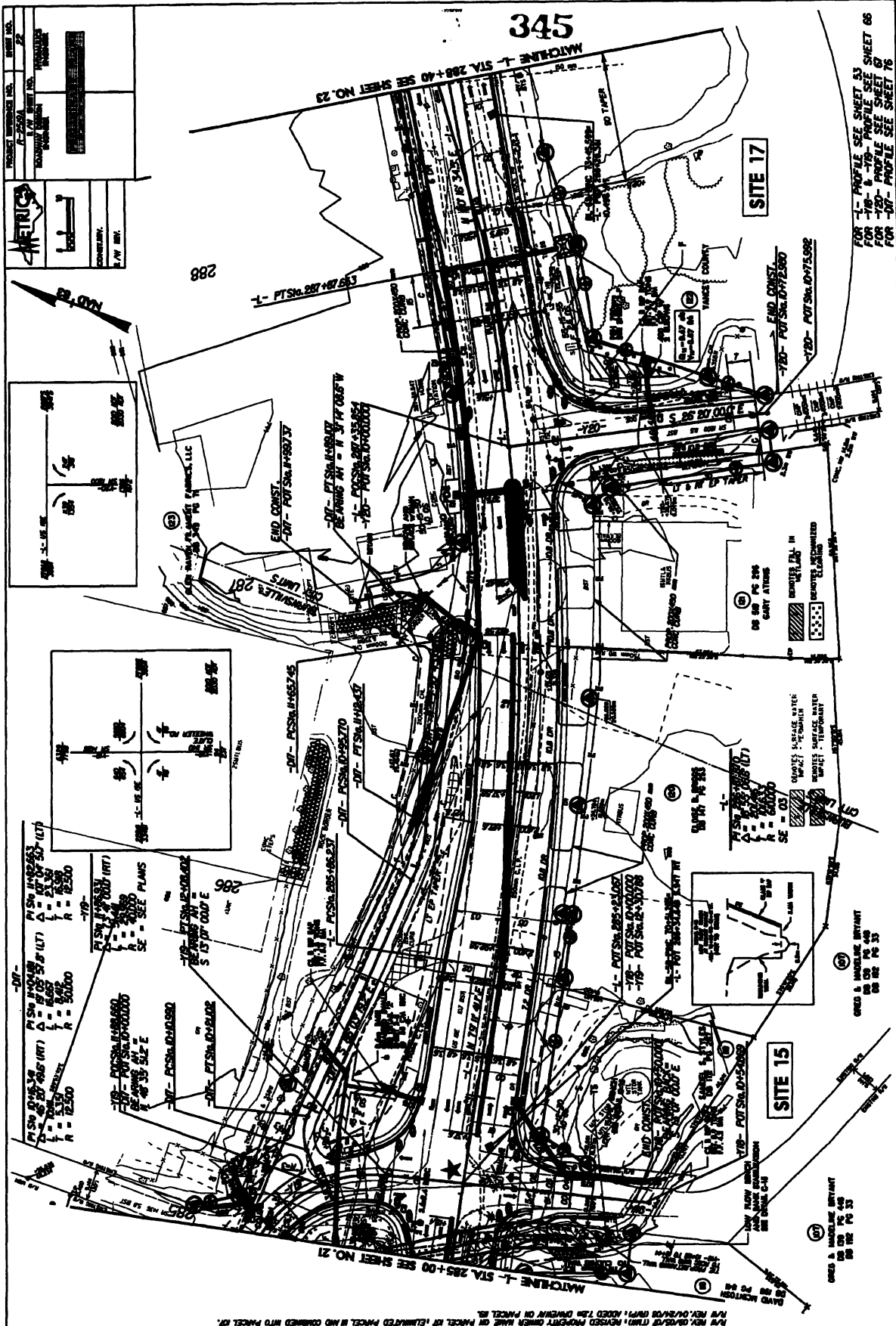


THESE PLANS AND SPECIFICATIONS ARE PREPARED BY THE ENGINEER AND HIS FIRM FOR THE USE OF THE CONTRACTOR IN CONNECTION WITH THE CONSTRUCTION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL DATA AND CONDITIONS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL DATA AND CONDITIONS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL DATA AND CONDITIONS SHOWN ON THESE PLANS.

FOR PROFILE SEE SHEET 33
 FOR PLAN SEE SHEET 34
 FOR PROFILE SEE SHEET 35
 FOR PROFILE SEE SHEET 36
 FOR PROFILE SEE SHEET 37

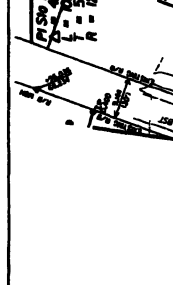
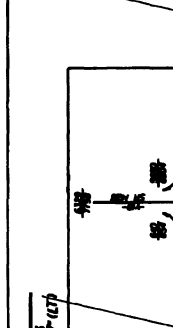
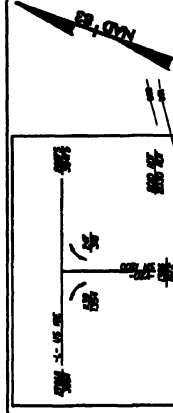
Sheet 15 of 16

345



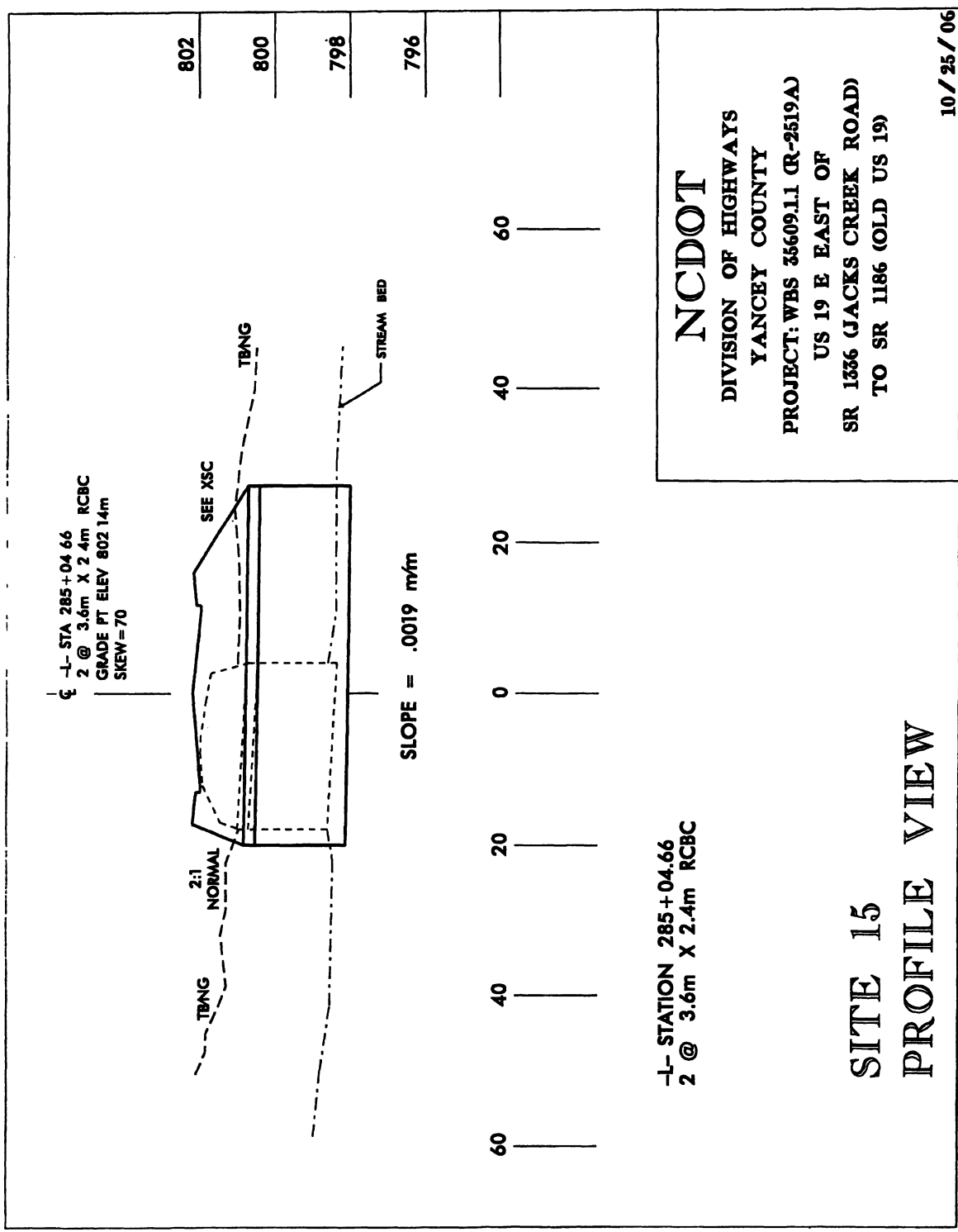
FOR ALL UTILITIES TRAVELING PARALLEL TO THE ROAD, THE USER SHALL VERIFY THE LOCATION AND DEPTH OF THE UTILITIES PRIOR TO CONSTRUCTION. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

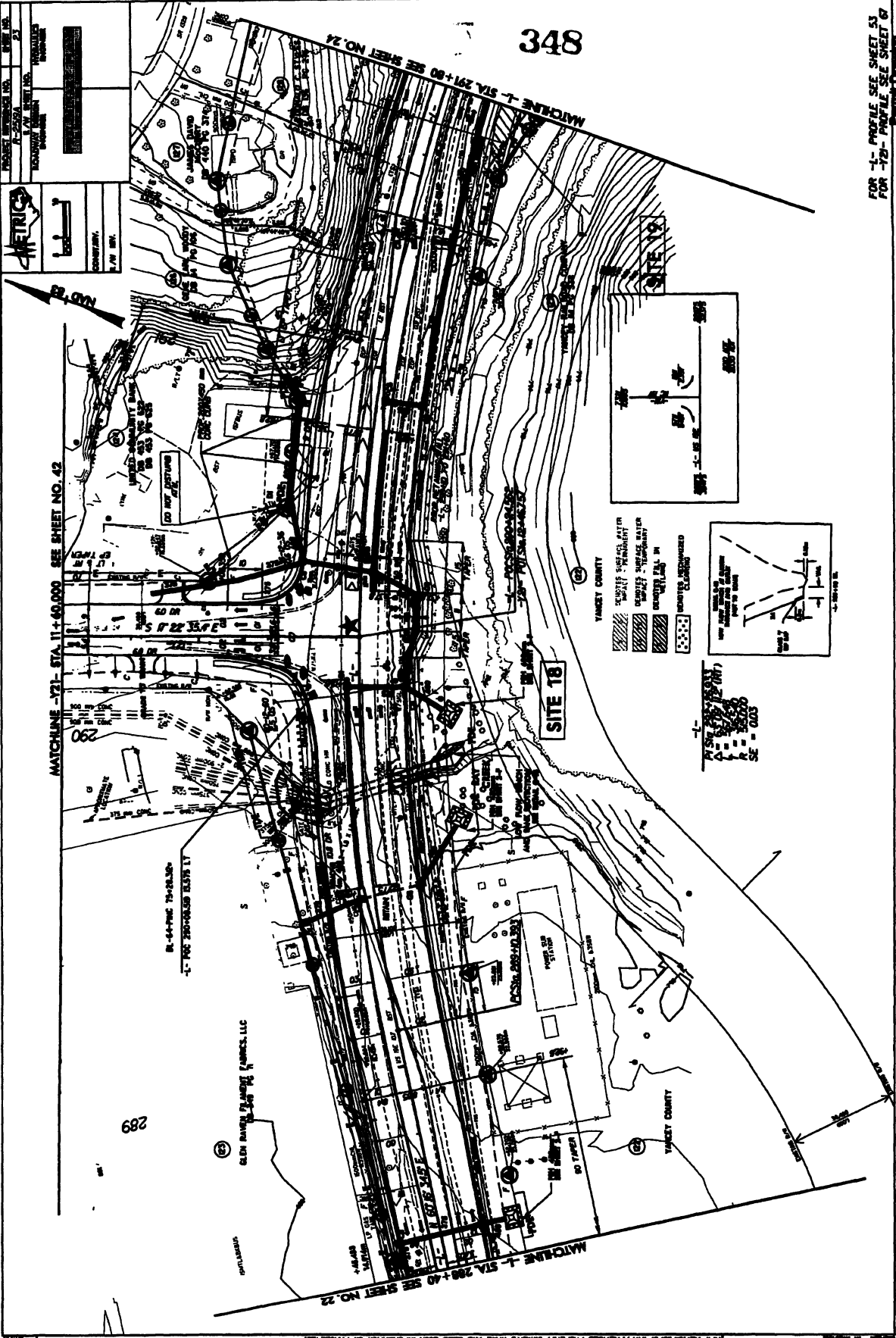
PROJECT NUMBER	22
DATE	11/11/11
DESIGNER	TRINITY ENGINEERING
CHECKER	TRINITY ENGINEERING
SCALE	AS SHOWN
PROJECT LOCATION	VALENTI DRIVE, WYOMING



FOR ALL PROFILES SEE SHEET 345
 FOR ALL PROFILES SEE SHEET 345
 FOR ALL PROFILES SEE SHEET 345
 FOR ALL PROFILES SEE SHEET 345

Permit Drawing 4/6





348

MATCHLINE -72- STA. 11+60.000 SEE SHEET NO. 42

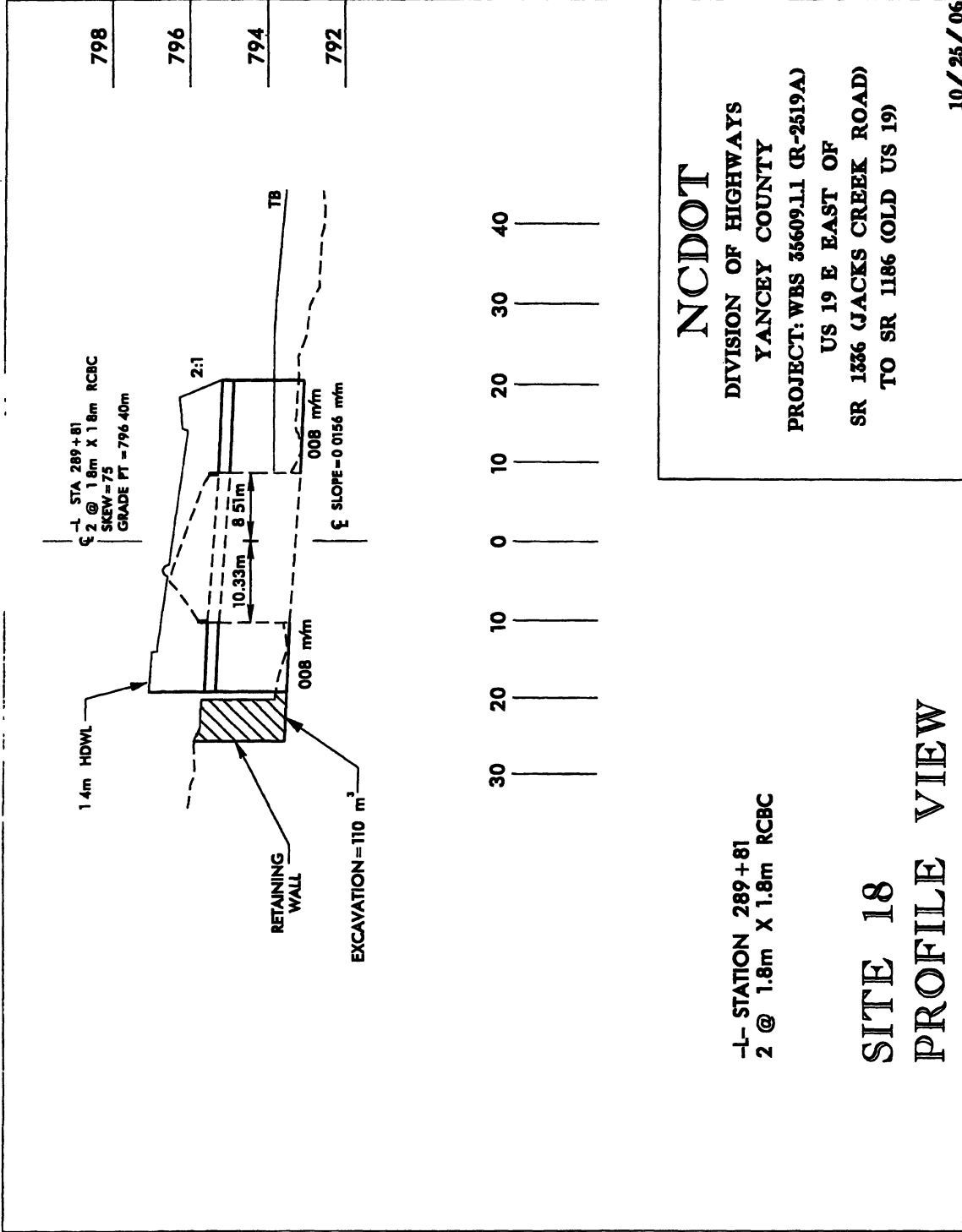
MATCHLINE -1- STA. 21+80 SEE SHEET NO. 24

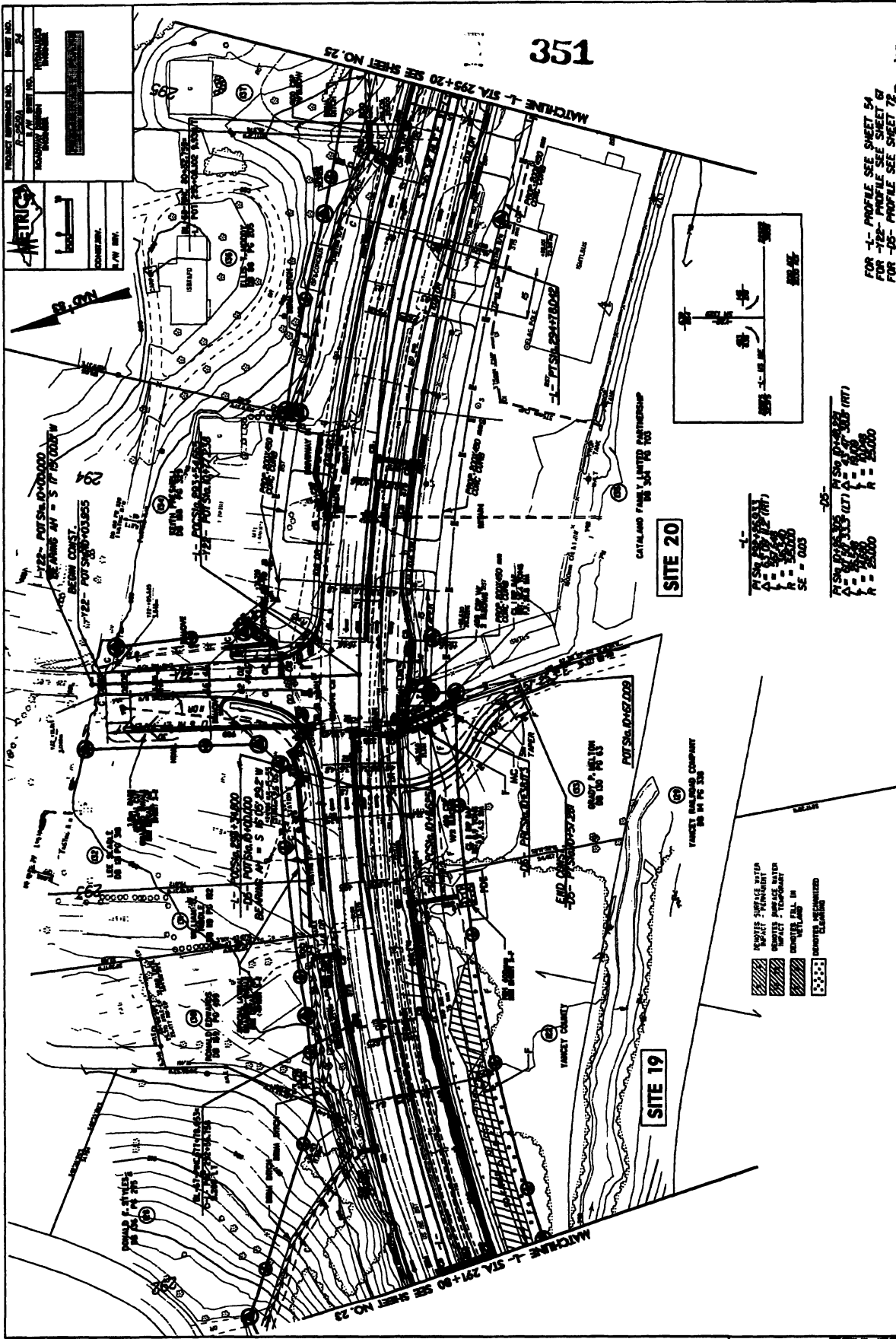
MATCHLINE -1- STA. 288+40 SEE SHEET NO. 22

FOR -1- PROFILE SEE SHEET 53
FOR -72- PROFILE SEE SHEET 67
PLANNING DRAWING

Sheet 49 of 86

FOR ALL PROJECTS, THE CLIENT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES. THE CLIENT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES. THE CLIENT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES.



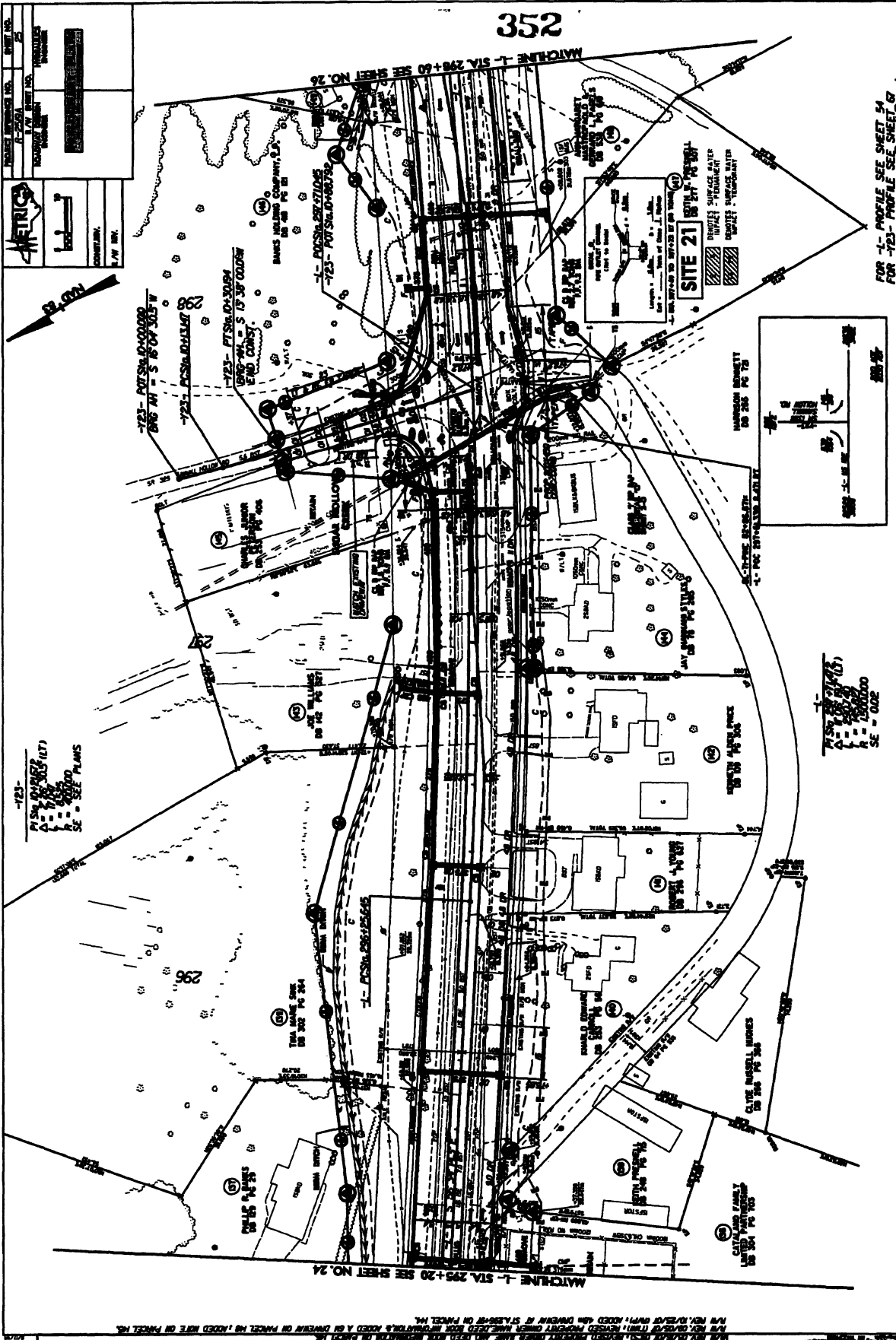


FOR -1- PROFILE SEE SHEET 54
 FOR -722- PROFILE SEE SHEET 61
 FOR -105- PROFILE SEE SHEET 72
 Permit Drawing
 Sheet 52 of 91

FOR -1- PROFILE SEE SHEET 54
 FOR -722- PROFILE SEE SHEET 61
 FOR -105- PROFILE SEE SHEET 72
 Permit Drawing
 Sheet 52 of 91

FOR -1- PROFILE SEE SHEET 54
 FOR -722- PROFILE SEE SHEET 61
 FOR -105- PROFILE SEE SHEET 72
 Permit Drawing
 Sheet 52 of 91

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FOR 1- PROFILE SEE SHEET 54
 FOR 1-23- PROFILE SEE SHEET 57
 Drawing

Sheet 57

LEGEND

CONCRETE

PAVING

ASPHALT

SCALE

1" = 20'

MATCHLINE L- STA. 298+60 SEE SHEET NO. 26

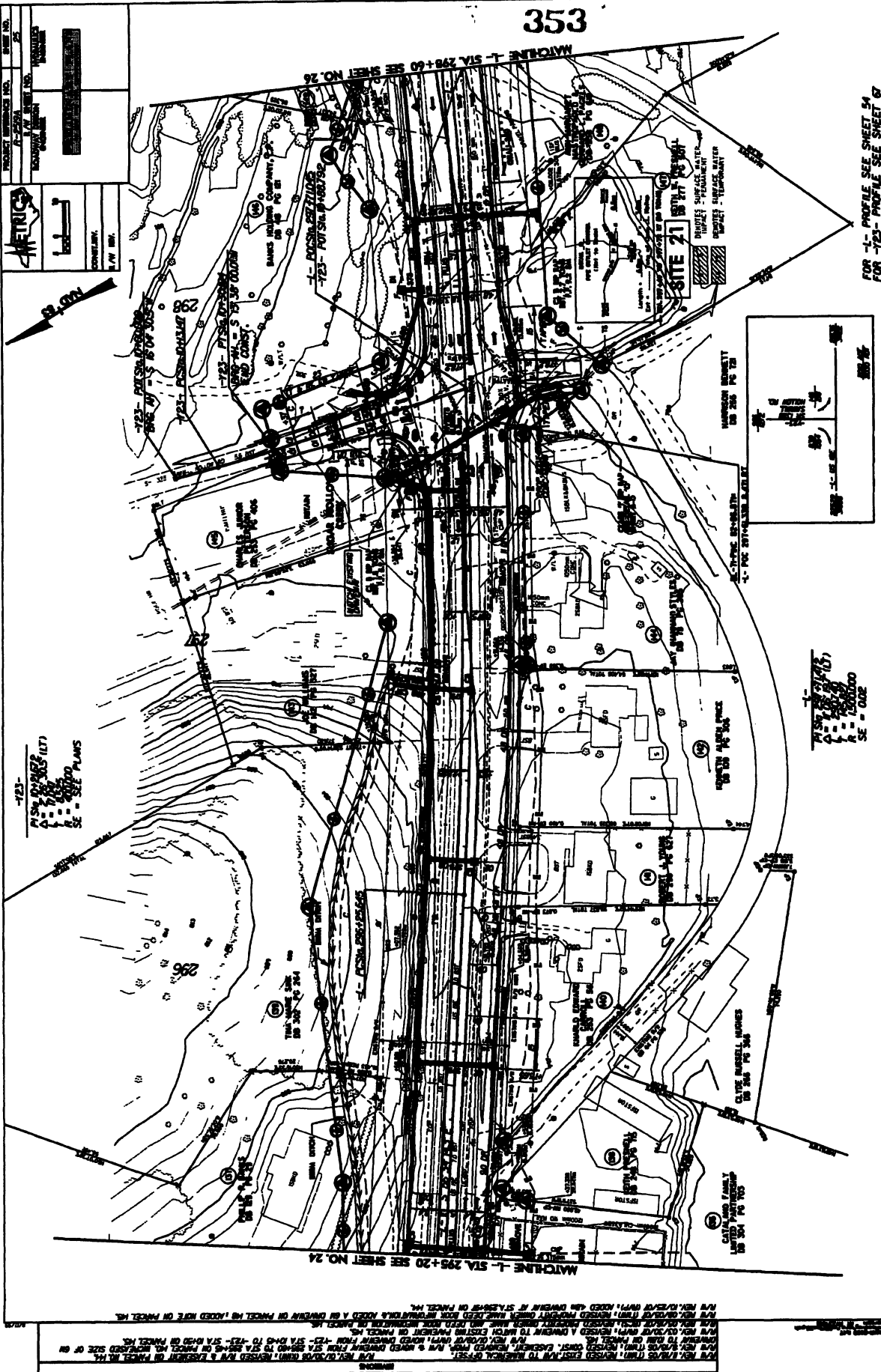
MATCHLINE L- STA. 295+20 SEE SHEET NO. 24

1-23- P.S. 12/18/02 (17)
 1" = 20'
 1" = 100'
 1" = 500'
 1" = 1000'

1-23- P.S. 12/18/02 (17)
 1" = 20'
 1" = 100'
 1" = 500'
 1" = 1000'

REVISIONS

1. REV. 12/18/02 (17) REVISIONS MADE BY 1-23- STA. 295+20 TO 1-23- STA. 298+60
 2. REV. 12/18/02 (17) REVISIONS MADE BY 1-23- STA. 295+20 TO 1-23- STA. 298+60
 3. REV. 12/18/02 (17) REVISIONS MADE BY 1-23- STA. 295+20 TO 1-23- STA. 298+60



FOR 1- PROFILE SEE SHEET 84
 FOR 723- PROFILE SEE SHEET 87
 DRAWING 54

PROJECT NO.	DATE
CONTRACT NO.	CONTRACT NAME
DESIGNER	CHECKER
DATE	SCALE

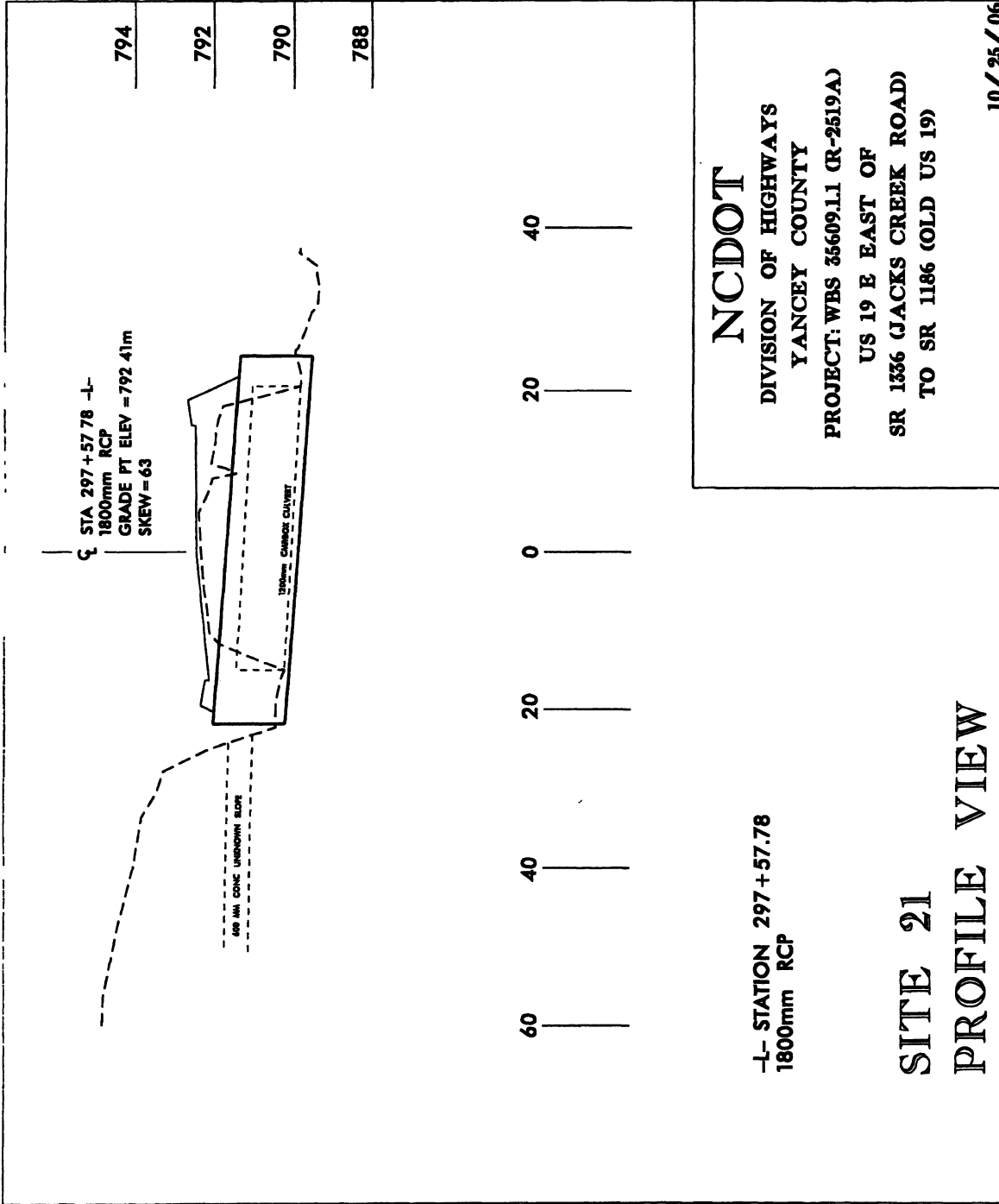
CONTRACT NO. [REDACTED]
 CONTRACT NAME [REDACTED]
 DESIGNER [REDACTED]
 CHECKER [REDACTED]
 DATE [REDACTED]
 SCALE [REDACTED]

1- EXISTING DRIVEWAY
 2- NEW DRIVEWAY
 3- NEW DRIVEWAY (TO BE REMOVED)
 4- EXISTING DRIVEWAY
 5- NEW DRIVEWAY
 6- NEW DRIVEWAY (TO BE REMOVED)
 7- EXISTING DRIVEWAY
 8- NEW DRIVEWAY
 9- NEW DRIVEWAY (TO BE REMOVED)
 10- EXISTING DRIVEWAY
 11- NEW DRIVEWAY
 12- NEW DRIVEWAY (TO BE REMOVED)

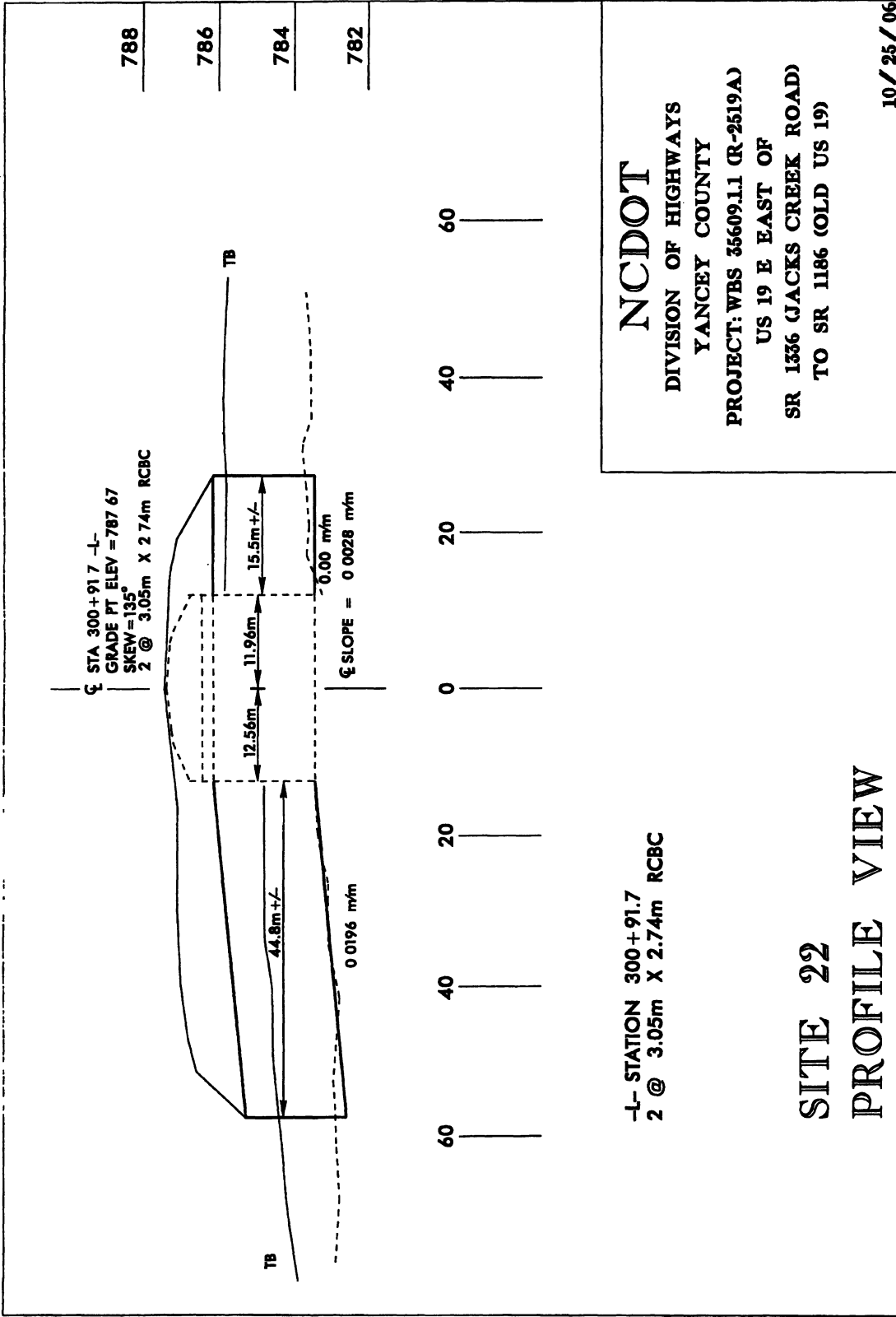
1- EXISTING DRIVEWAY
 2- NEW DRIVEWAY
 3- NEW DRIVEWAY (TO BE REMOVED)
 4- EXISTING DRIVEWAY
 5- NEW DRIVEWAY
 6- NEW DRIVEWAY (TO BE REMOVED)
 7- EXISTING DRIVEWAY
 8- NEW DRIVEWAY
 9- NEW DRIVEWAY (TO BE REMOVED)
 10- EXISTING DRIVEWAY
 11- NEW DRIVEWAY
 12- NEW DRIVEWAY (TO BE REMOVED)

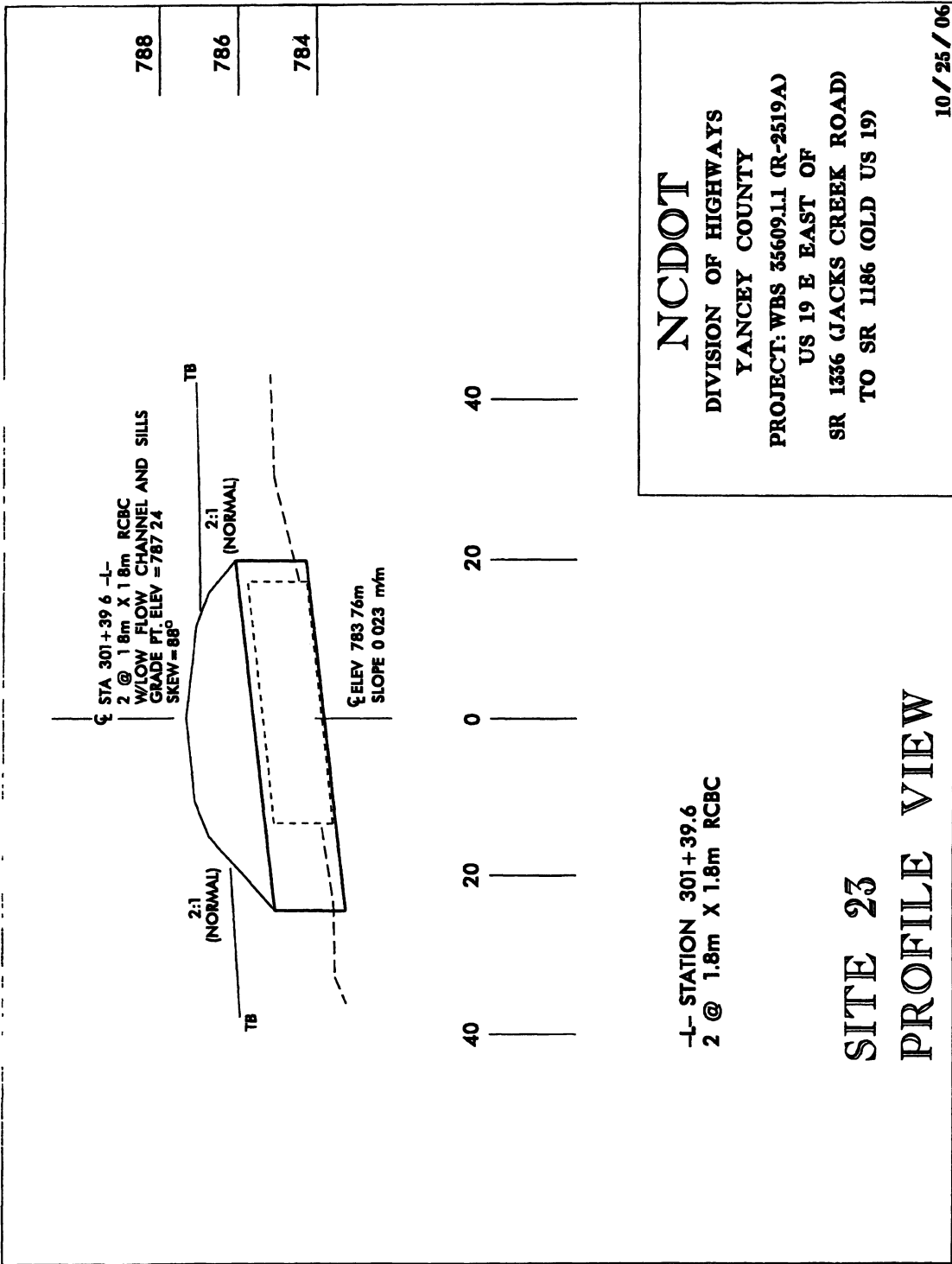
1- EXISTING DRIVEWAY
 2- NEW DRIVEWAY
 3- NEW DRIVEWAY (TO BE REMOVED)
 4- EXISTING DRIVEWAY
 5- NEW DRIVEWAY
 6- NEW DRIVEWAY (TO BE REMOVED)
 7- EXISTING DRIVEWAY
 8- NEW DRIVEWAY
 9- NEW DRIVEWAY (TO BE REMOVED)
 10- EXISTING DRIVEWAY
 11- NEW DRIVEWAY
 12- NEW DRIVEWAY (TO BE REMOVED)

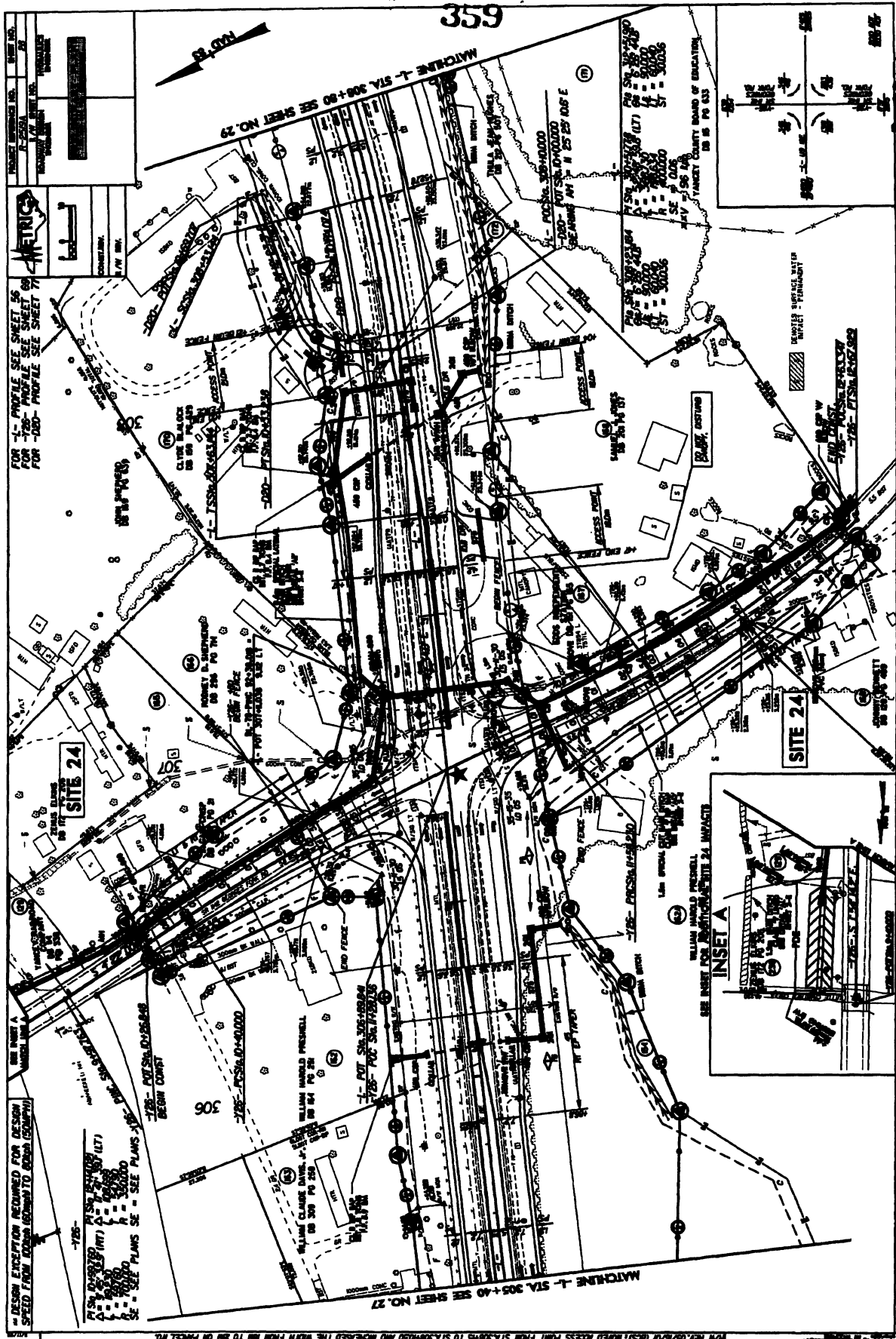
1- EXISTING DRIVEWAY
 2- NEW DRIVEWAY
 3- NEW DRIVEWAY (TO BE REMOVED)
 4- EXISTING DRIVEWAY
 5- NEW DRIVEWAY
 6- NEW DRIVEWAY (TO BE REMOVED)
 7- EXISTING DRIVEWAY
 8- NEW DRIVEWAY
 9- NEW DRIVEWAY (TO BE REMOVED)
 10- EXISTING DRIVEWAY
 11- NEW DRIVEWAY
 12- NEW DRIVEWAY (TO BE REMOVED)



357







FOR 1- PROFILE SEE SHEET 25
FOR 2- PROFILE SEE SHEET 26
FOR 3- PROFILE SEE SHEET 27

METRIC

CONVERTING
1 IN. = 25.4 MM

DESIGN EXCEPTION REQUIRED FOR DESIGN SPEED FROM 40 MPH TO 35 MPH (SEE PLAN)

SEE PLAN SHEET 25 FOR PROFILE

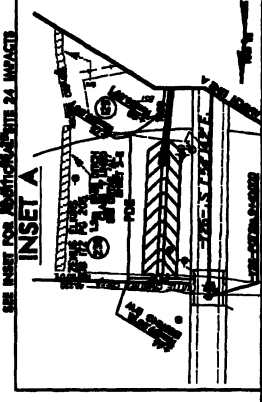
DESIGN EXCEPTION REQUIRED FOR DESIGN SPEED FROM 40 MPH TO 35 MPH (SEE PLAN)

SEE PLAN SHEET 25 FOR PROFILE

SEE PLAN SHEET 25 FOR PROFILE

SEE PLAN SHEET 26 FOR PROFILE

SEE PLAN SHEET 27 FOR PROFILE



SEE INSET FOR ANTI-COLLISION SITE 24 IMPACT

WILLIAM MARSHALL FREWELL

1/4" = 1" HORIZONTAL

1/8" = 1" VERTICAL

DATE: 10/15/00

PROJECT: 00-0000

SHEET: 359

SCALE: AS SHOWN

ALL DIMENSIONS SHOWN ARE UNLESS OTHERWISE NOTED. DIMENSIONS TO FACE UNLESS NOTED OTHERWISE. DIMENSIONS TO CENTERLINE UNLESS NOTED OTHERWISE. DIMENSIONS TO SURFACE UNLESS NOTED OTHERWISE. DIMENSIONS TO FINISH UNLESS NOTED OTHERWISE. DIMENSIONS TO EXISTING UNLESS NOTED OTHERWISE. DIMENSIONS TO PROPOSED UNLESS NOTED OTHERWISE. DIMENSIONS TO CENTERLINE UNLESS NOTED OTHERWISE. DIMENSIONS TO SURFACE UNLESS NOTED OTHERWISE. DIMENSIONS TO FINISH UNLESS NOTED OTHERWISE. DIMENSIONS TO EXISTING UNLESS NOTED OTHERWISE. DIMENSIONS TO PROPOSED UNLESS NOTED OTHERWISE.

PROJECT NO.	361
DATE	12/1/80
DESIGNER	TRC
CHECKER	TRC
APPROVED	TRC

FOR -L- PROFILE SEE SHEET 56
 FOR -127- PROFILE SEE SHEET 69
 FOR -108- PROFILE SEE SHEET 76

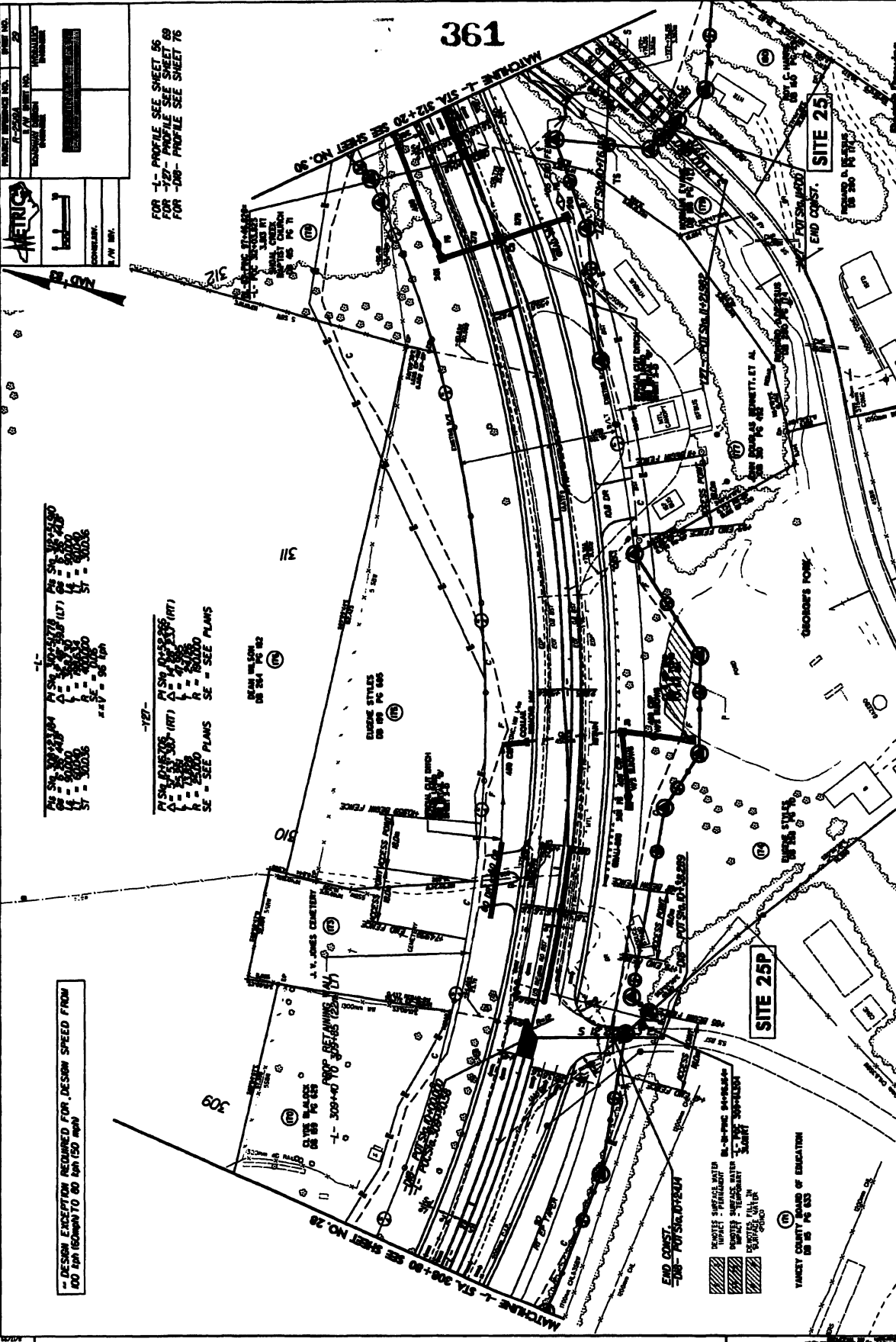
361



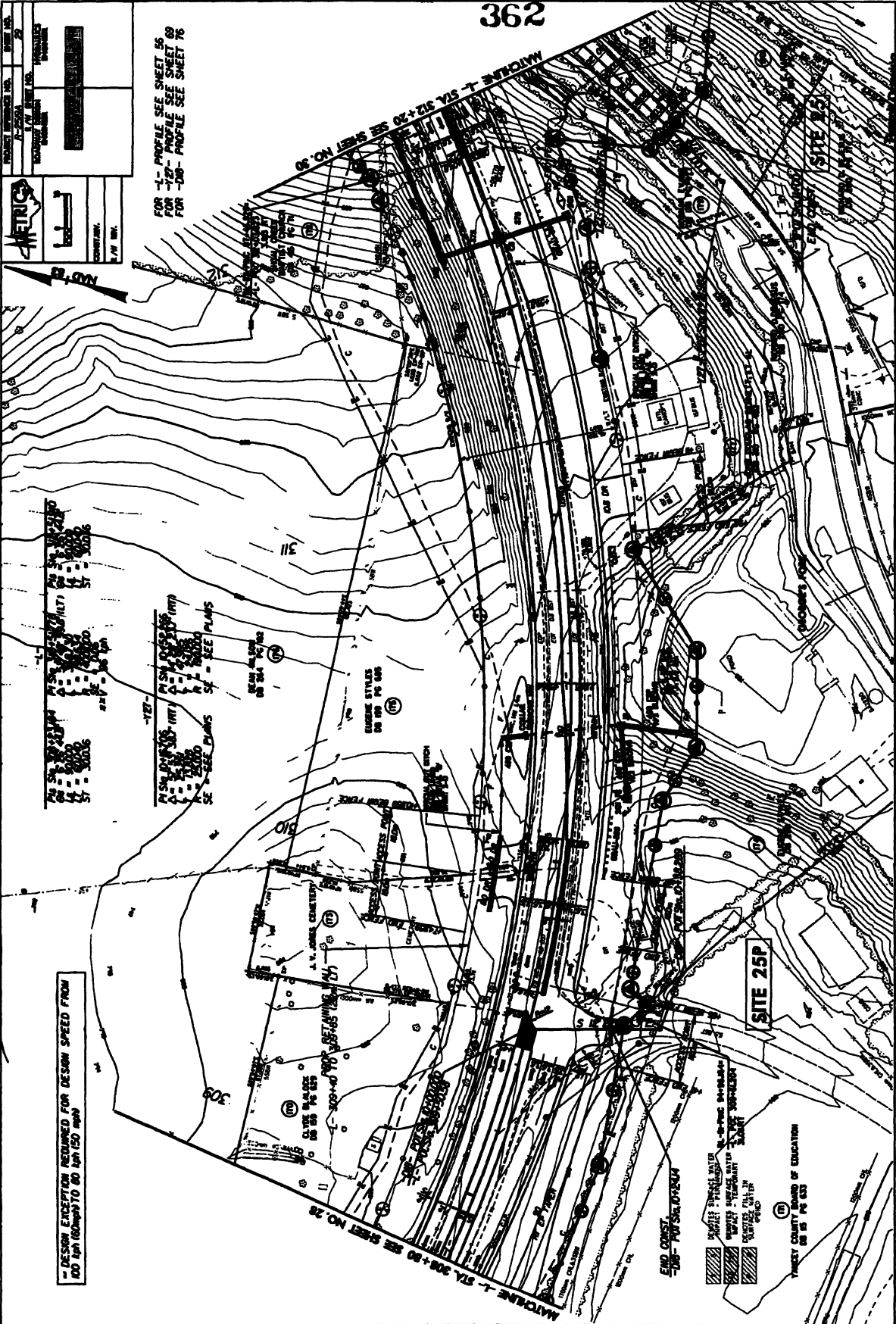
-L-
 STATIONING: 1+00 TO 1+50
 ELEVATION: 100.00 TO 105.00
 CURVE DATA: R=1000, E=100, L=100, P=100, S=100

-127-
 STATIONING: 1+00 TO 1+50
 ELEVATION: 100.00 TO 105.00
 CURVE DATA: R=1000, E=100, L=100, P=100, S=100

DESIGN EXCEPTION REQUIRED FOR DESIGN SPEED FROM
 60 MPH (DESIGN) TO 80 MPH (SPEED LIMIT)



FOR REVISIONS TRANSLATIONS ADD FOR PAVEMENT IN STA 300+00 AND ADDED CORNER FROM EXISTING REVISION PROPERTY
 OWNERS NAME AND DEED BOOK INFORMATION FOR PAVEMENT REVISIONS FIRST LINE TO REVISIONS SECOND LINE
 OWNERS NAME AND DEED BOOK INFORMATION FOR PAVEMENT REVISIONS FIRST LINE TO REVISIONS SECOND LINE
 OWNERS NAME AND DEED BOOK INFORMATION FOR PAVEMENT REVISIONS FIRST LINE TO REVISIONS SECOND LINE



PROPOSED IMPROVEMENTS

PROPOSED IMPROVEMENT NO.	DATE
1	2/28/64
2	3/10/64
3	3/10/64
4	3/10/64
5	3/10/64
6	3/10/64
7	3/10/64
8	3/10/64
9	3/10/64
10	3/10/64
11	3/10/64
12	3/10/64
13	3/10/64
14	3/10/64
15	3/10/64
16	3/10/64
17	3/10/64
18	3/10/64
19	3/10/64
20	3/10/64

CONTRACTOR: [Redacted]

DATE: 3/10/64

FOR -L- PROFILE SEE SHEET 56
 FOR -T- PROFILE SEE SHEET 69
 FOR -D- PROFILE SEE SHEET 76

DESIGN EXISTENCE REQUIRED FOR DESIGN SPEED FROM
 60 MPH TO 100 MPH TO 80 MPH TO 60 MPH

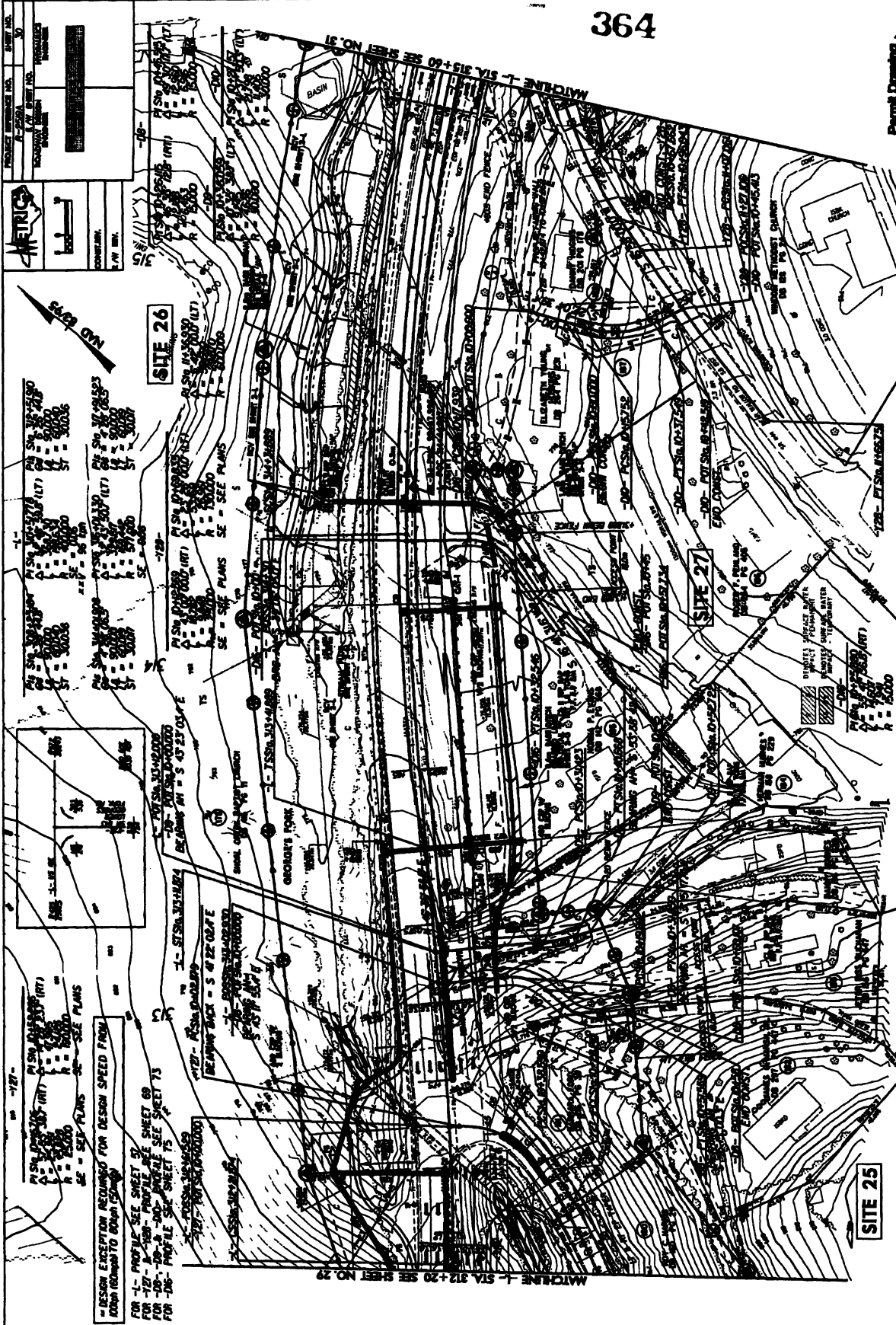
SITE 25P

END CONSTRUCTION

SWATH THROUGHOUT
 WATER THROUGHOUT
 THROUGHOUT
 THROUGHOUT

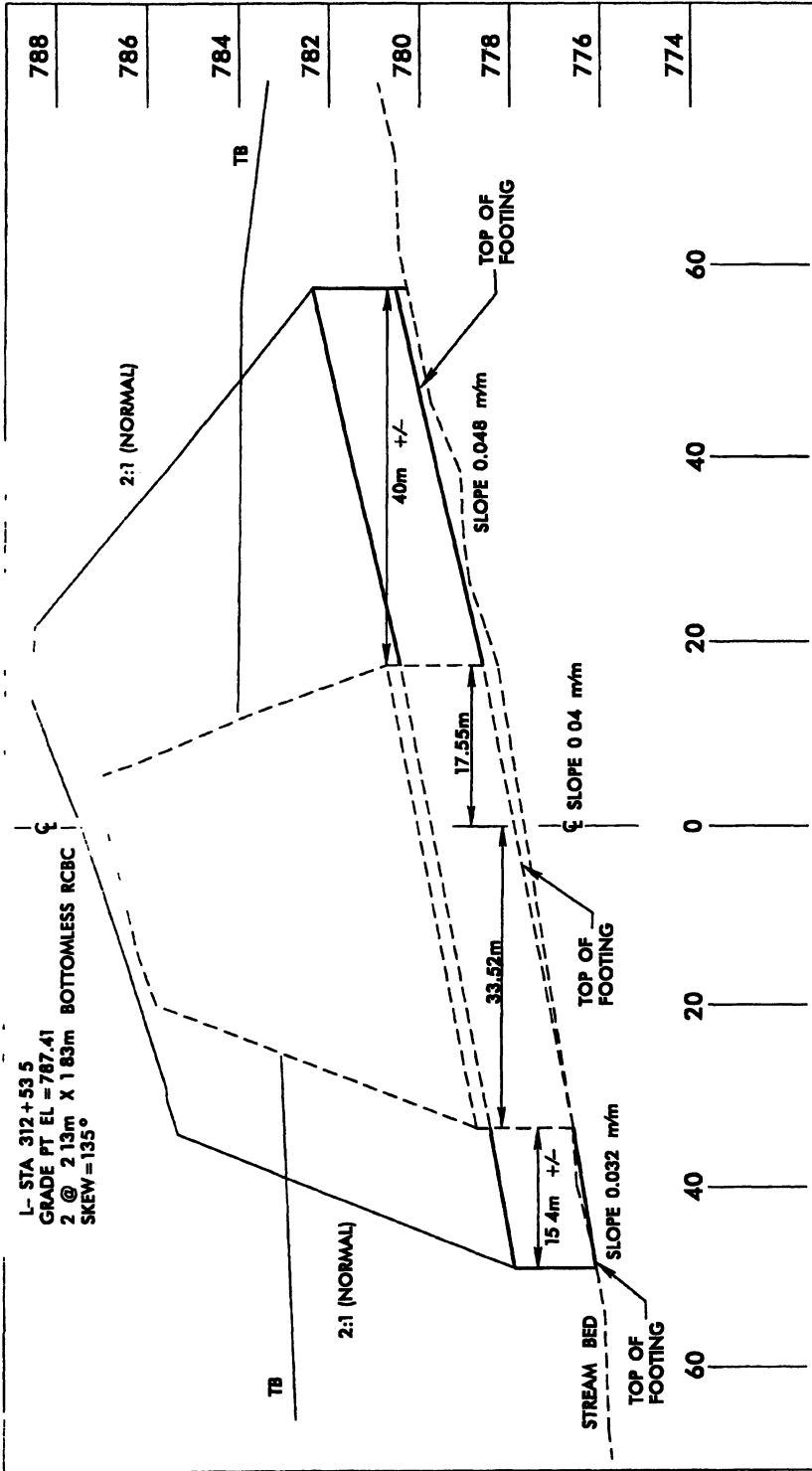
YANCEY COUNTY BOARD OF EDUCATION
 1015 PA 625

ALL DIMENSIONS SHOWN ARE IN FEET AND INCHES. DIMENSIONS IN FEET AND INCHES SHALL BE CONSIDERED TO TAKE PRECEDENCE OVER DIMENSIONS IN METERS. DIMENSIONS IN METERS SHALL BE CONSIDERED TO TAKE PRECEDENCE OVER DIMENSIONS IN FEET AND INCHES. DIMENSIONS IN METERS SHALL BE CONSIDERED TO TAKE PRECEDENCE OVER DIMENSIONS IN FEET AND INCHES. DIMENSIONS IN METERS SHALL BE CONSIDERED TO TAKE PRECEDENCE OVER DIMENSIONS IN FEET AND INCHES.



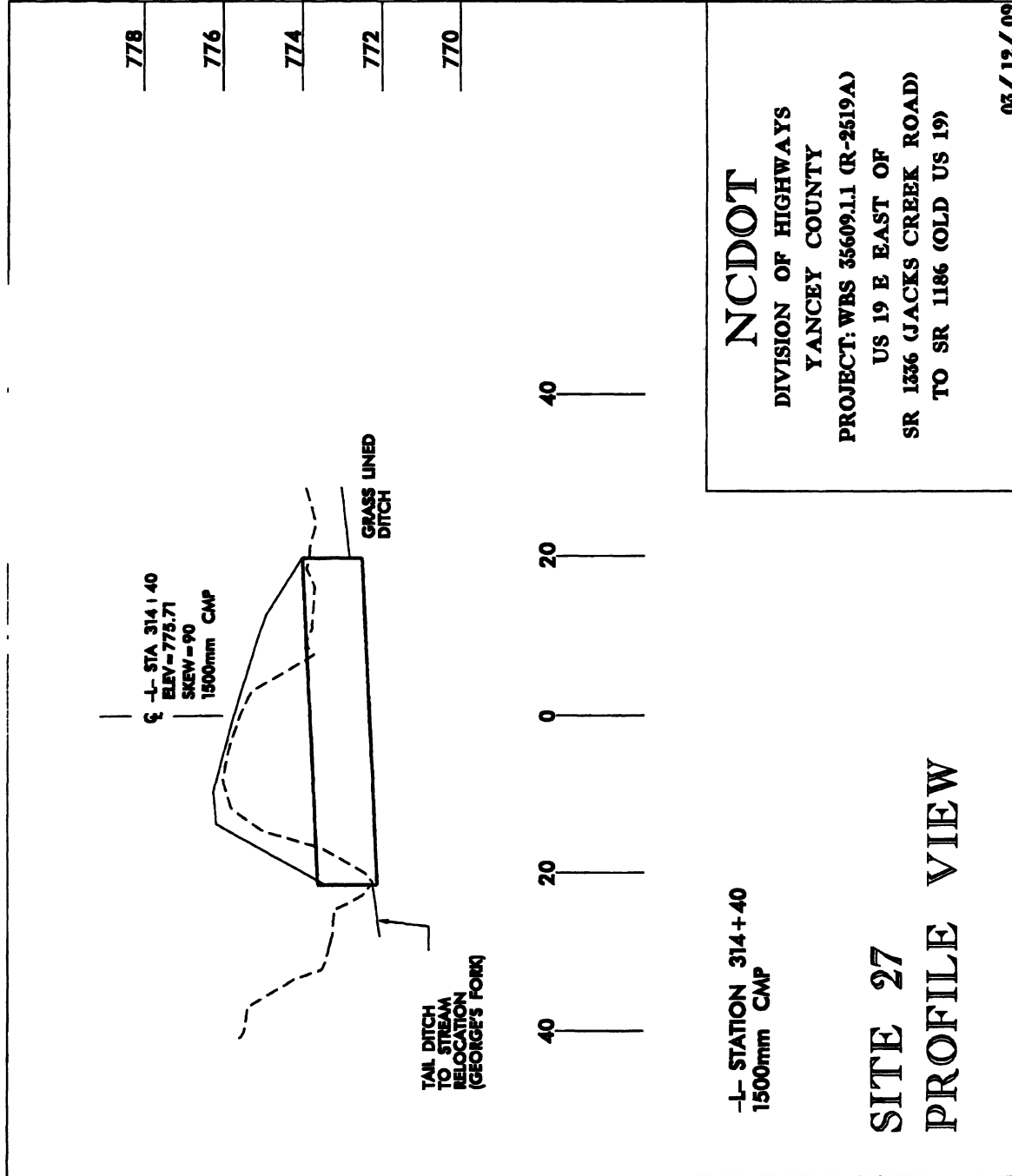
FOR 1- PROFILE SEE SHEET 27
 FOR 2- PROFILE SEE SHEET 28
 FOR 3- PROFILE SEE SHEET 29
 FOR 4- PROFILE SEE SHEET 30
 FOR 5- PROFILE SEE SHEET 31
 FOR 6- PROFILE SEE SHEET 32
 FOR 7- PROFILE SEE SHEET 33
 FOR 8- PROFILE SEE SHEET 34
 FOR 9- PROFILE SEE SHEET 35
 FOR 10- PROFILE SEE SHEET 36
 FOR 11- PROFILE SEE SHEET 37
 FOR 12- PROFILE SEE SHEET 38
 FOR 13- PROFILE SEE SHEET 39
 FOR 14- PROFILE SEE SHEET 40
 FOR 15- PROFILE SEE SHEET 41
 FOR 16- PROFILE SEE SHEET 42
 FOR 17- PROFILE SEE SHEET 43
 FOR 18- PROFILE SEE SHEET 44
 FOR 19- PROFILE SEE SHEET 45
 FOR 20- PROFILE SEE SHEET 46
 FOR 21- PROFILE SEE SHEET 47
 FOR 22- PROFILE SEE SHEET 48
 FOR 23- PROFILE SEE SHEET 49
 FOR 24- PROFILE SEE SHEET 50
 FOR 25- PROFILE SEE SHEET 51
 FOR 26- PROFILE SEE SHEET 52
 FOR 27- PROFILE SEE SHEET 53
 FOR 28- PROFILE SEE SHEET 54
 FOR 29- PROFILE SEE SHEET 55
 FOR 30- PROFILE SEE SHEET 56
 FOR 31- PROFILE SEE SHEET 57
 FOR 32- PROFILE SEE SHEET 58
 FOR 33- PROFILE SEE SHEET 59
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 FOR 64- PROFILE SEE SHEET 90
 FOR 65- PROFILE SEE SHEET 91
 FOR 66- PROFILE SEE SHEET 92
 FOR 67- PROFILE SEE SHEET 93
 FOR 68- PROFILE SEE SHEET 94
 FOR 69- PROFILE SEE SHEET 95
 FOR 70- PROFILE SEE SHEET 96
 FOR 71- PROFILE SEE SHEET 97
 FOR 72- PROFILE SEE SHEET 98
 FOR 73- PROFILE SEE SHEET 99
 FOR 74- PROFILE SEE SHEET 100

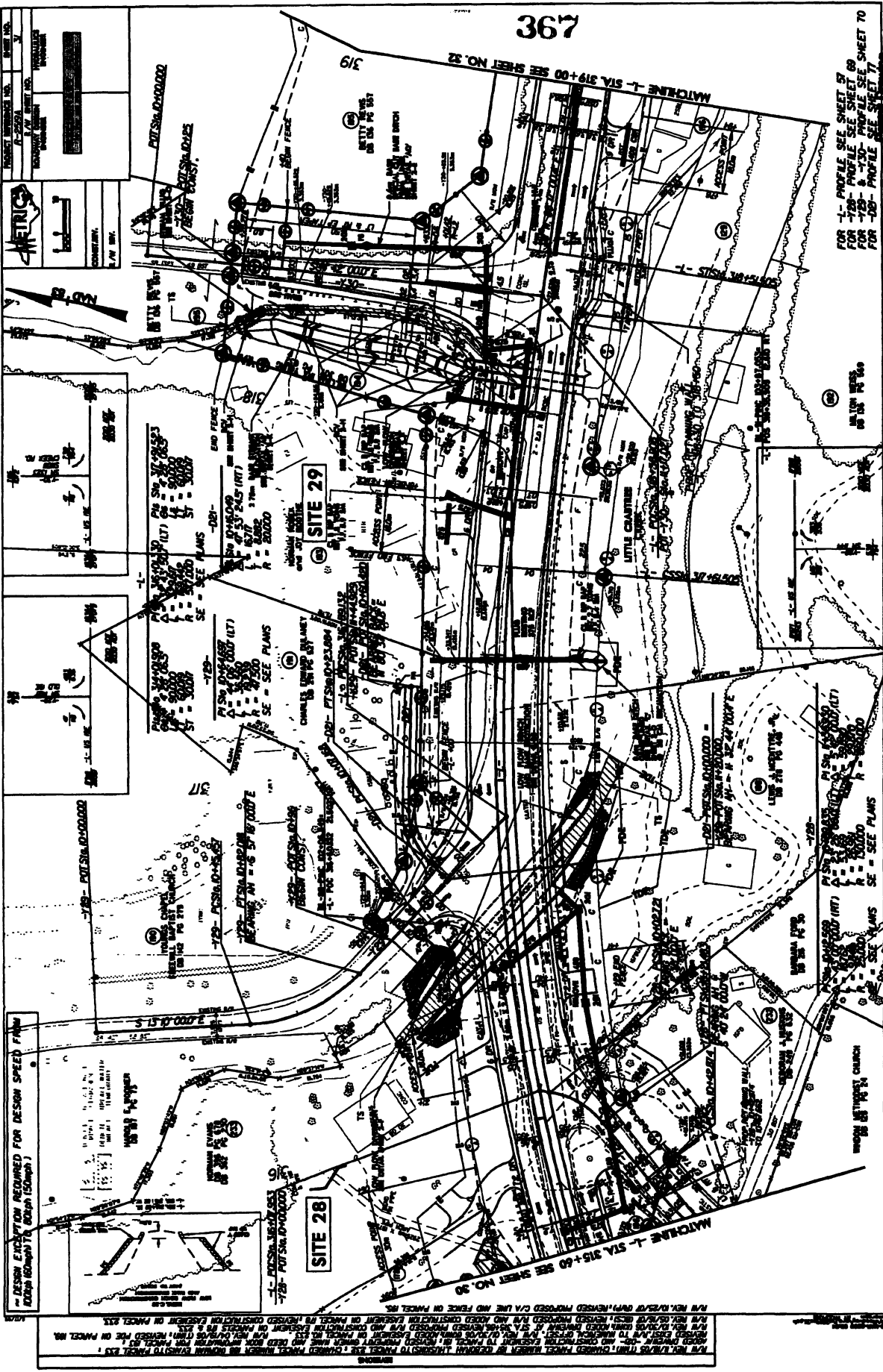
REVISIONS
 R/W REV. 8/10/05 (THRU) INCREASED SIZE OF 3/4" DRIVE TO 4" ON PARCEL 84.
 R/W REV. 8/10/05 (THRU) ADDED EASEMENT ON PARCEL NOS. 85 & 86.
 R/W REV. 8/10/05 (THRU) REVISED PROPERTY OWNER NAME & DEED BOOK INFORMATION FOR PARCEL 84. REVISED EXIST. R/W TO MATCH OFFSET.



NCDOT
 DIVISION OF HIGHWAYS
 YANCEY COUNTY
 PROJECT: WBS 35609.11 (R-2519A)
 US 19 E EAST OF
 SR 1336 (JACKS CREEK ROAD)
 TO SR 1186 (OLD US 19)
 10/25/06

-L- STATION 312+53.5
 2 @ 2.13m X 1.83m BOTTOMLESS RCBC
 SITE 25
 PROFILE VIEW

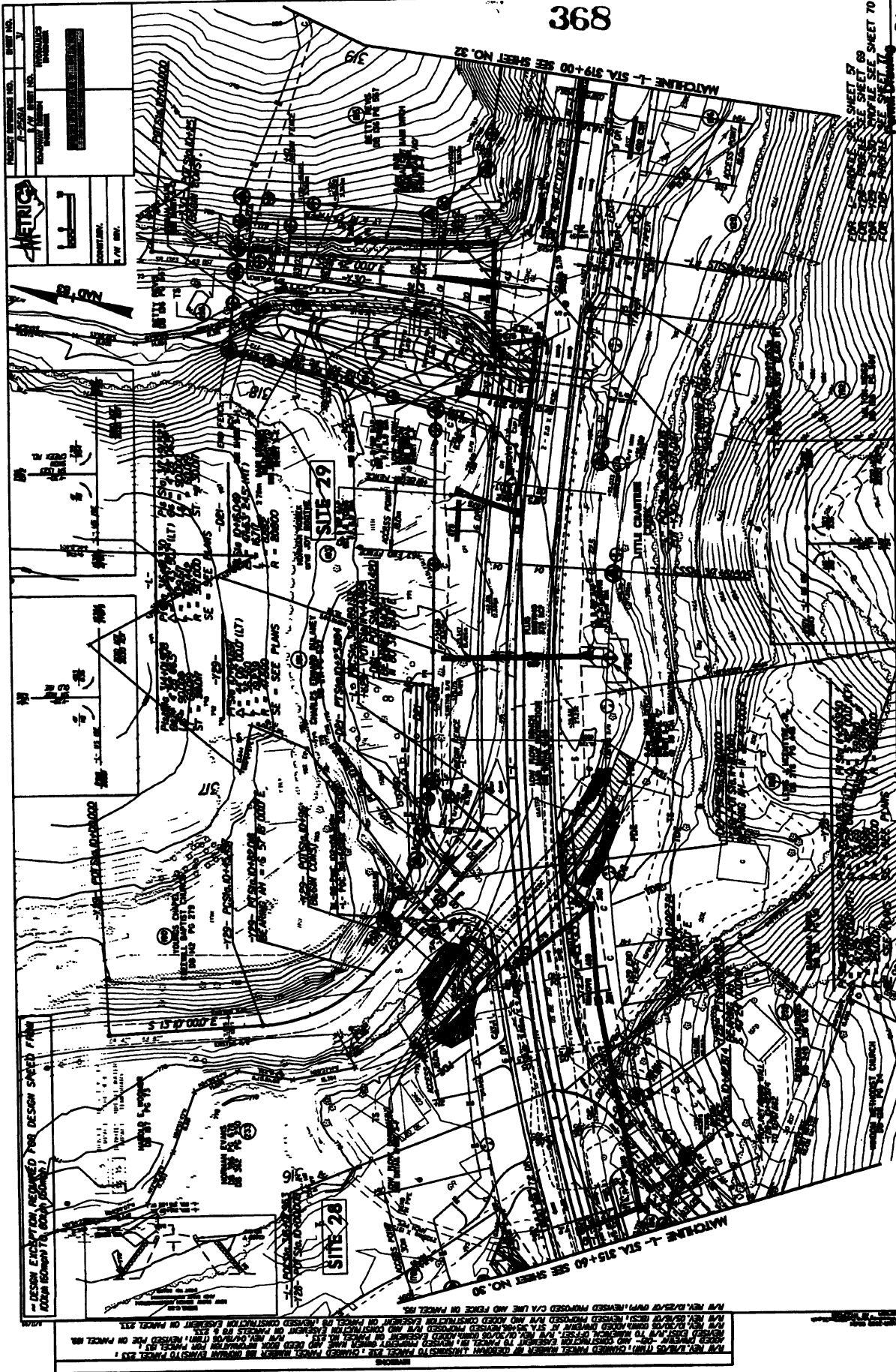




FOR -L- PROFILE SEE SHEET 57
 FOR -728- PROFILE SEE SHEET 69
 FOR -729- & -730- PROFILE SEE SHEET 70
 FOR -731- PROFILE SEE SHEET 71

DESIGN EXCAVATION REQUIRED FOR DESIGN SPEED 70MPH
 EXCEPT WHERE SHOWN OTHERWISE

ALL NEW LINES (THIN) SHOWN IN THIS DRAWING ARE TO BE CONSIDERED PROPOSED UNLESS OTHERWISE NOTED IN THE NOTES OR ON THE DRAWING. ALL EXISTING LINES (THICK) SHOWN IN THIS DRAWING ARE TO BE CONSIDERED EXISTING UNLESS OTHERWISE NOTED IN THE NOTES OR ON THE DRAWING. ALL DIMENSIONS ARE IN FEET AND INCHES. ALL ANGLES ARE IN DEGREES. ALL CURVES ARE TO BE PARABOLIC. ALL GRADES ARE TO BE IN PERCENT. ALL ELEVATIONS ARE IN FEET ABOVE MEAN SEA LEVEL. ALL DISTANCES ARE IN FEET. ALL NOTES ARE TO BE READ IN CONJUNCTION WITH THE DRAWING. ALL NOTES ARE TO BE CONSIDERED PART OF THE DRAWING. ALL NOTES ARE TO BE CONSIDERED PART OF THE DRAWING. ALL NOTES ARE TO BE CONSIDERED PART OF THE DRAWING.

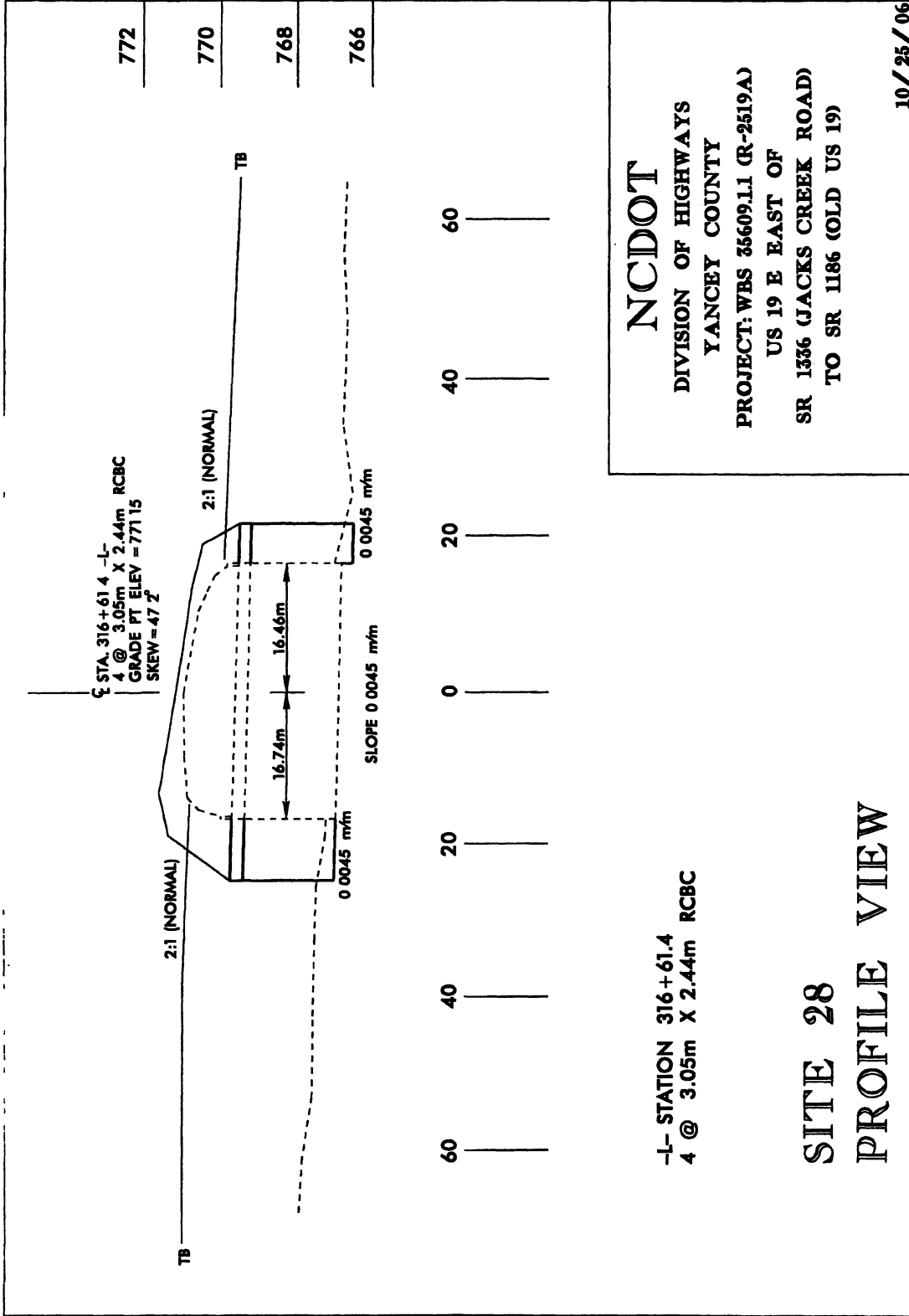


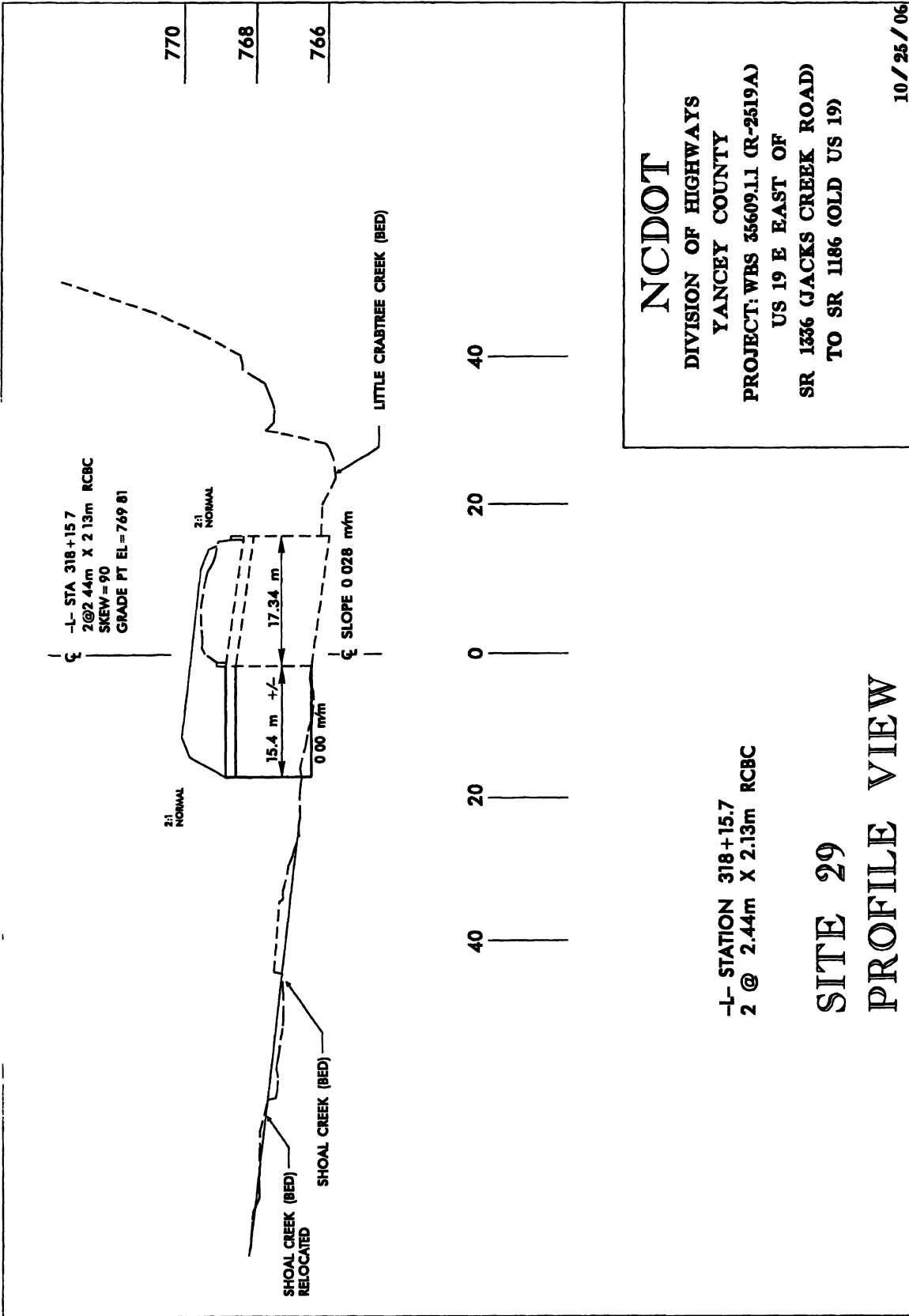
FOR THE PRELIMINARY SHEET 69
 FOR THE PRELIMINARY SHEET 70
 FOR THE PRELIMINARY SHEET 71
 FOR THE PRELIMINARY SHEET 72
 FOR THE PRELIMINARY SHEET 73
 FOR THE PRELIMINARY SHEET 74
 FOR THE PRELIMINARY SHEET 75
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 FOR THE PRELIMINARY SHEET 96
 FOR THE PRELIMINARY SHEET 97
 FOR THE PRELIMINARY SHEET 98
 FOR THE PRELIMINARY SHEET 99
 FOR THE PRELIMINARY SHEET 100

Sheet 69 of 96

DESIGN ENGINEER, REGISTERED PROFESSIONAL ENGINEER
 (SEAL) (STAMP) (LICENSE NO.)

ALL RIGHTS RESERVED. THIS PLAN IS THE PROPERTY OF THE ENGINEER AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER. THE ENGINEER ASSUMES NO LIABILITY FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY ARISING FROM THE USE OF THIS PLAN, WHETHER OR NOT SUCH DAMAGE OR INJURY IS CAUSED BY NEGLIGENCE OR OTHERWISE. THE ENGINEER'S LIABILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROJECT DESCRIBED HEREIN AND DOES NOT EXTEND TO ANY OTHER PROJECTS OR TO ANY OTHER ASPECTS OF THE PROJECT. THE ENGINEER'S LIABILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROJECT DESCRIBED HEREIN AND DOES NOT EXTEND TO ANY OTHER PROJECTS OR TO ANY OTHER ASPECTS OF THE PROJECT.

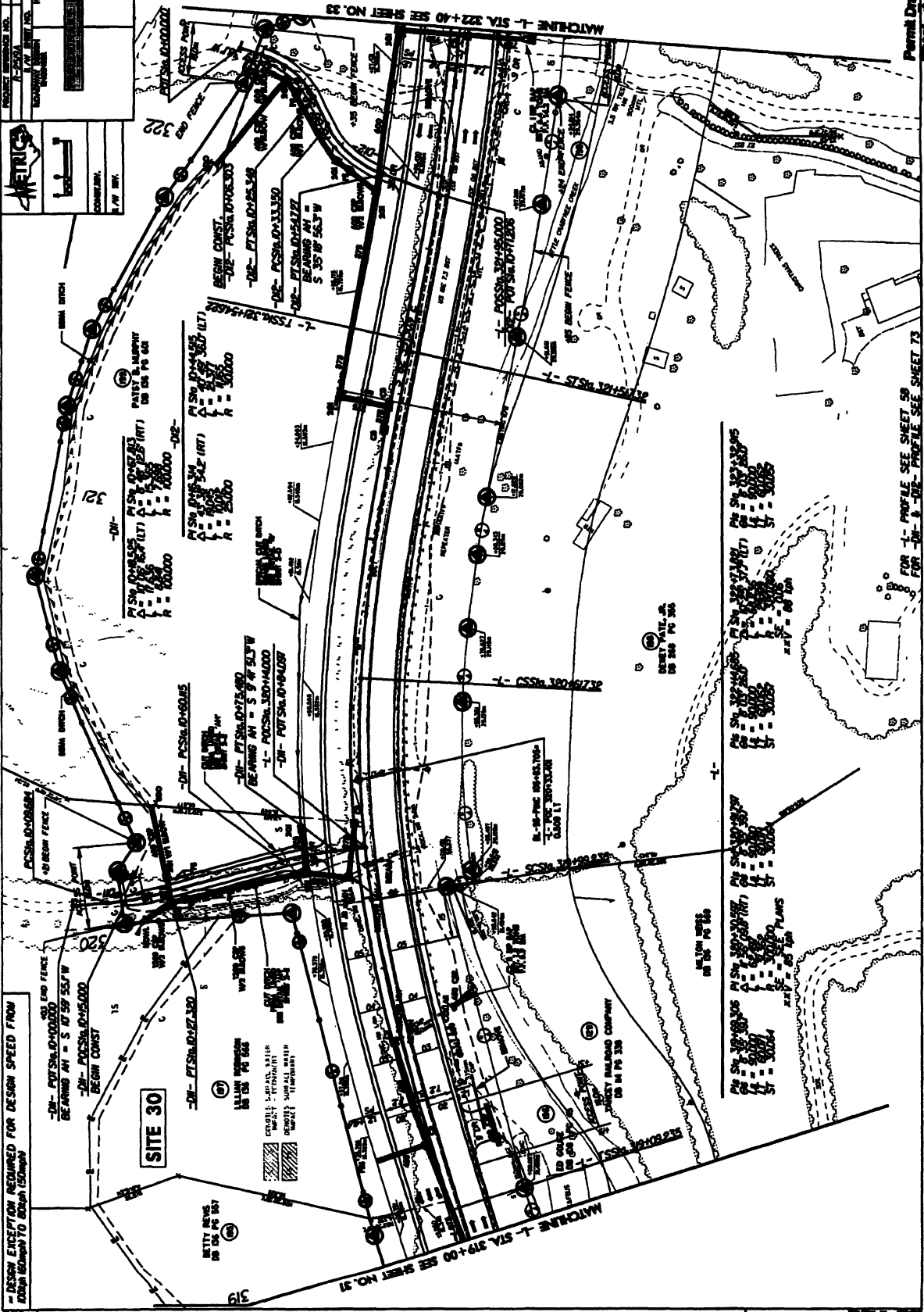




PROJECT NO. 100-1000000
 SHEET NO. 32
 DATE: 10/15/00
 DRAWN BY: J. W. BERT
 CHECKED BY: J. W. BERT
 METRIC
 1" = 40'

371

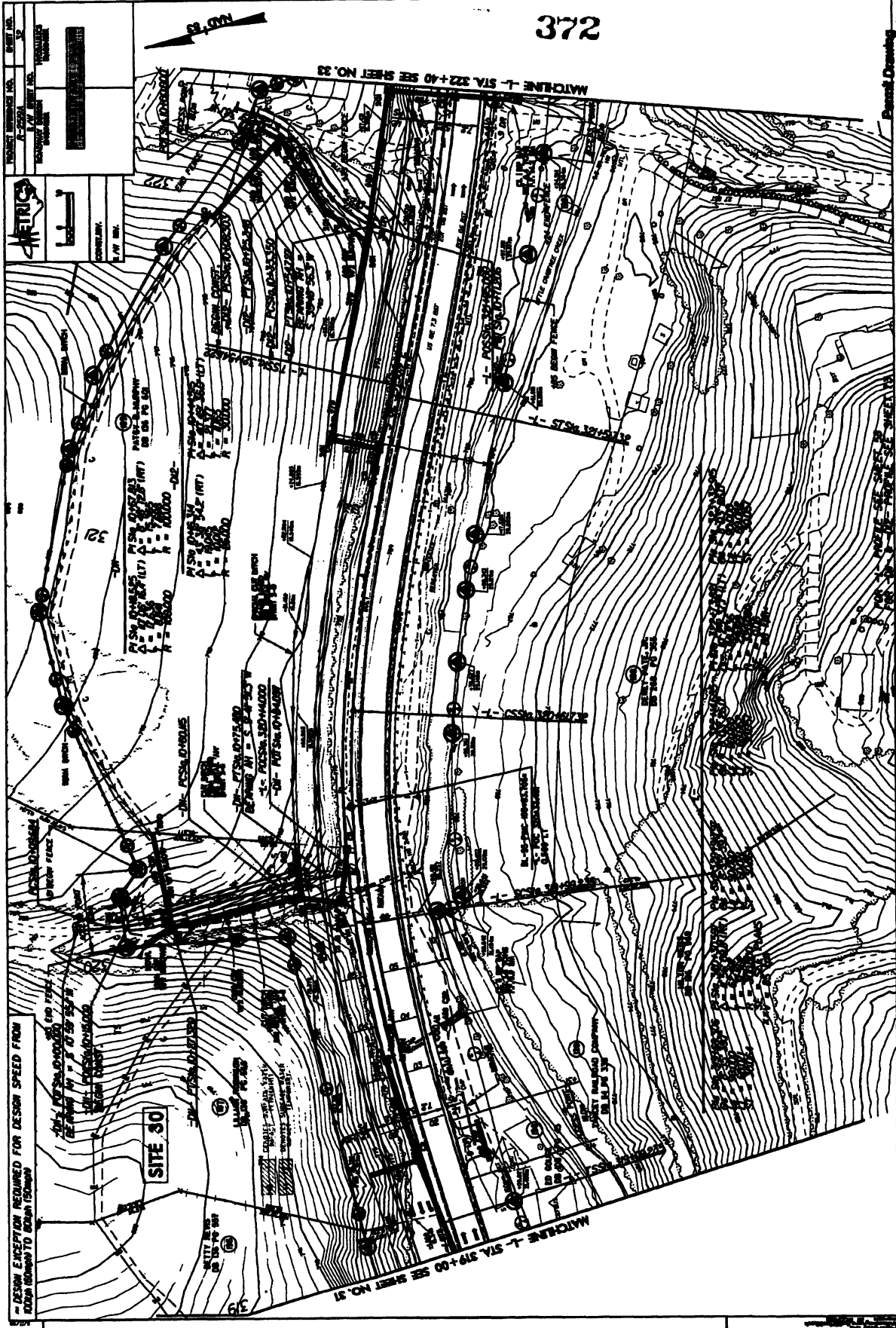
Permit Drawing
 Sheet 2 of 10



DESIGN EXCEPTION REQUIRED FOR DESIGN SPEED FROM ROAD BOARD TO BEHOLD COMPANY

FOR 1- PROFILE SEE SHEET 33
 FOR 2- 3- 4- 5- 6- 7- 8- 9- 10- PROFILE SEE SHEET 33

ALL REVISIONS (THRU) MUST BE MADE EXISTING IN TO MATCH OFFSET.
 ALL REVISIONS (THRU) MUST BE MADE EXISTING IN TO MATCH OFFSET.



Sheet 73 of 76

PROJECT NO.	2201
DATE	1/1/58
SCALE	1" = 40'
DESIGNER	W. H. BERRY
CHECKED	W. H. BERRY
APPROVED	W. H. BERRY



DESIGN SPEED 55 MPH
DESIGN SPEED 45 MPH
DESIGN SPEED 35 MPH

CONCRETE PAVEMENT
GRAVEL SHOULDER

LANE 12 FT WIDE

DESIGN SPEED 55 MPH

DESIGN SPEED 45 MPH

DESIGN SPEED 35 MPH

CONCRETE PAVEMENT
GRAVEL SHOULDER

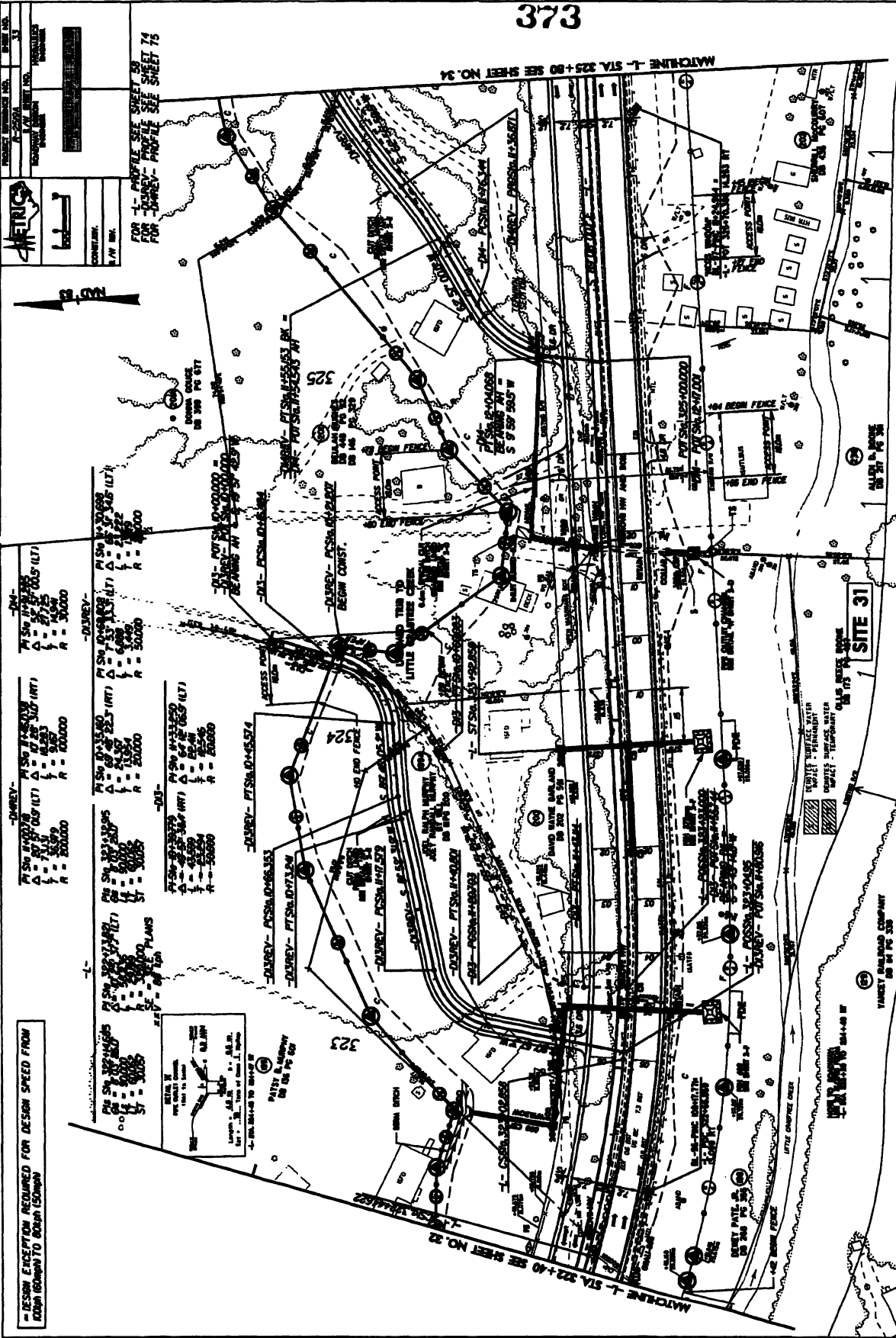
LANE 12 FT WIDE

DESIGN SPEED 55 MPH

DESIGN SPEED 45 MPH

DESIGN SPEED 35 MPH

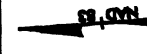
FOR REVISIONS (FINAL REVISIONS) CHECK WITH ENGINEER AT STATIONED FOR PARCEL NO.



METRIC

PROJECT NUMBER: 104
 DRAWING NO.: 373
 DATE: 10/15/03
 COUNTY: [REDACTED]
 SHEET NO.: [REDACTED]

FOR 1- PROFILE SEE SHEET 38
 FOR 2- PROFILE SEE SHEET 39
 FOR 3- PROFILE SEE SHEET 74
 FOR 4- PROFILE SEE SHEET 75



STATION	PI	PC	PT	EA	EB	EC	EA	EB	EC
322+00	322+00	322+00	322+00	322+00	322+00	322+00	322+00	322+00	322+00
322+10	322+10	322+10	322+10	322+10	322+10	322+10	322+10	322+10	322+10
322+20	322+20	322+20	322+20	322+20	322+20	322+20	322+20	322+20	322+20
322+30	322+30	322+30	322+30	322+30	322+30	322+30	322+30	322+30	322+30
322+40	322+40	322+40	322+40	322+40	322+40	322+40	322+40	322+40	322+40

DESIGN EXCEPTION REQUIRED FOR DESIGN SPEED FROM 40 MPH TO 30 MPH (CONCRETE)

DESIGN SPEED: 30 MPH
 DESIGN LANE WIDTH: 12 FT
 DESIGN TRUCK: 20,000 LB
 DESIGN WIND: 15 MPH
 DESIGN FLOOD: 100 YEAR
 DESIGN SEISMIC: 0.15g

REVISIONS

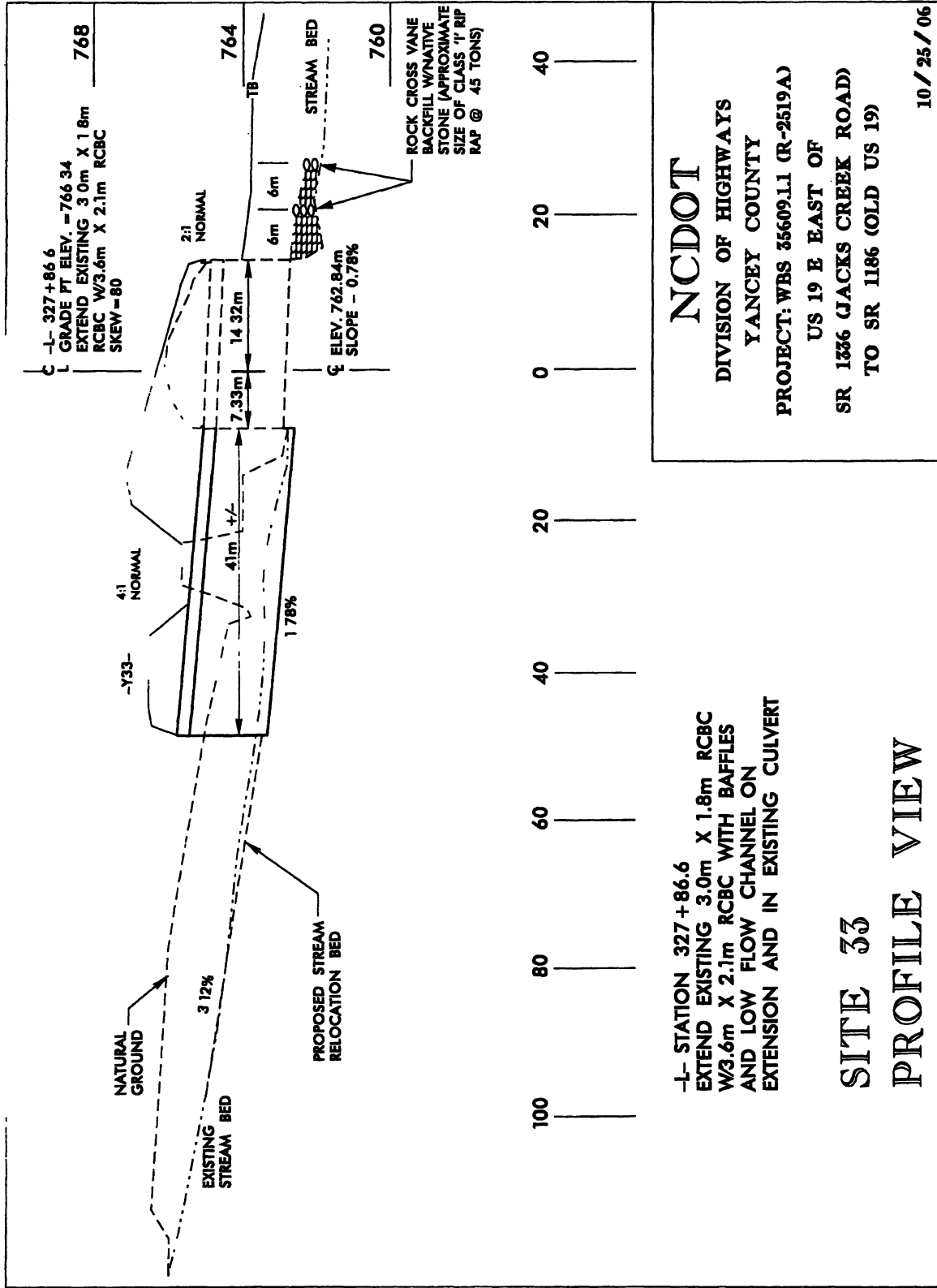
1. REV. 10/15/03 (TMM) - ADDED PARCEL B0A AND B0B, ADDED PARCEL NUMBER 326, MOVED ACCESS POINT FOR PARCEL 326. INFORMATION ON PARCEL B0A, ADDED PARCEL B0A.

2. REV. 10/15/03 (TMM) - MOVED DRAWING FROM STAKES TO 30' FROM PARCEL 326.

3. REV. 10/15/03 (TMM) - REVERSED EXISTING TO NUMERICAL OFFSET.

4. REV. 10/15/03 (TMM) - REVERSED PARCEL OWNER NAME & REED BOOK.

Project Drawing 373



-L- STATION 327 + 86.6
 EXTEND EXISTING 3.0m X 1.8m RCBC
 W/3.6m X 2.1m RCBC WITH BAFFLES
 AND LOW FLOW CHANNEL ON
 EXTENSION AND IN EXISTING CULVERT

SITE 33

PROFILE VIEW

NCDOT

DIVISION OF HIGHWAYS
 YANCEY COUNTY

PROJECT: WBS 35609.11 (R-2519A)

US 19 E EAST OF
 SR 1336 (JACKS CREEK ROAD)
 TO SR 1186 (OLD US 19)

10 / 25 / 06

PROJECT INFORMATION

PROJECT NO.	100-100000000
DATE	10/10/00
BY	...
CHECKED BY	...
SCALE	AS SHOWN

LEGEND

- PROPOSED
- EXISTING
- ...

NOTES

- ...
- ...
- ...



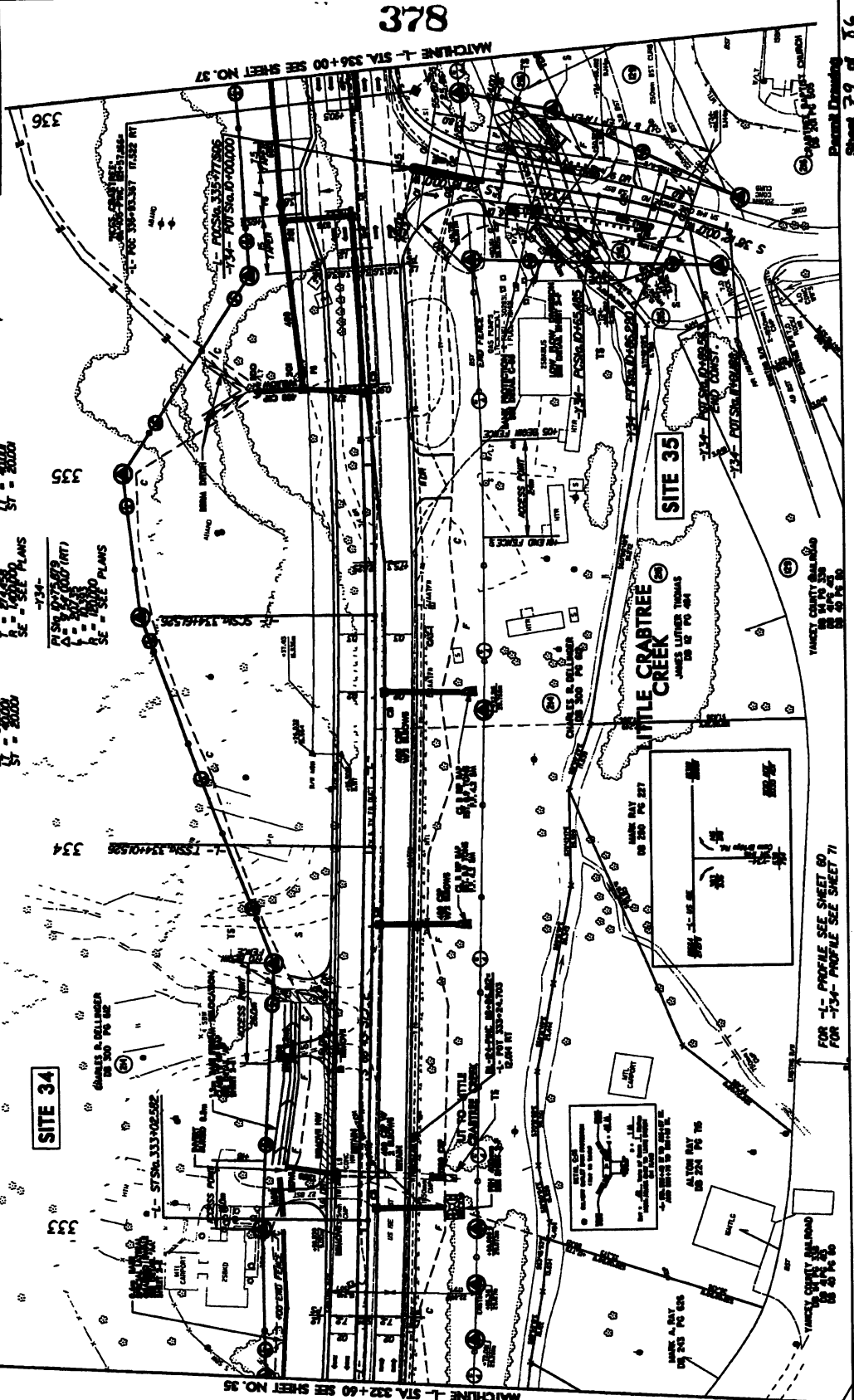
TABLE OF DATA

STATION	PC	PT	PI	PA	VC	VT
334	334+00	334+00	334+00	334+00	334+00	334+00
335	335+00	335+00	335+00	335+00	335+00	335+00

DESIGN CRITERIA REQUIRED FOR DESIGN SPEED FROM

ROUGH TERRAIN TO 80 MPH (128 km/h)

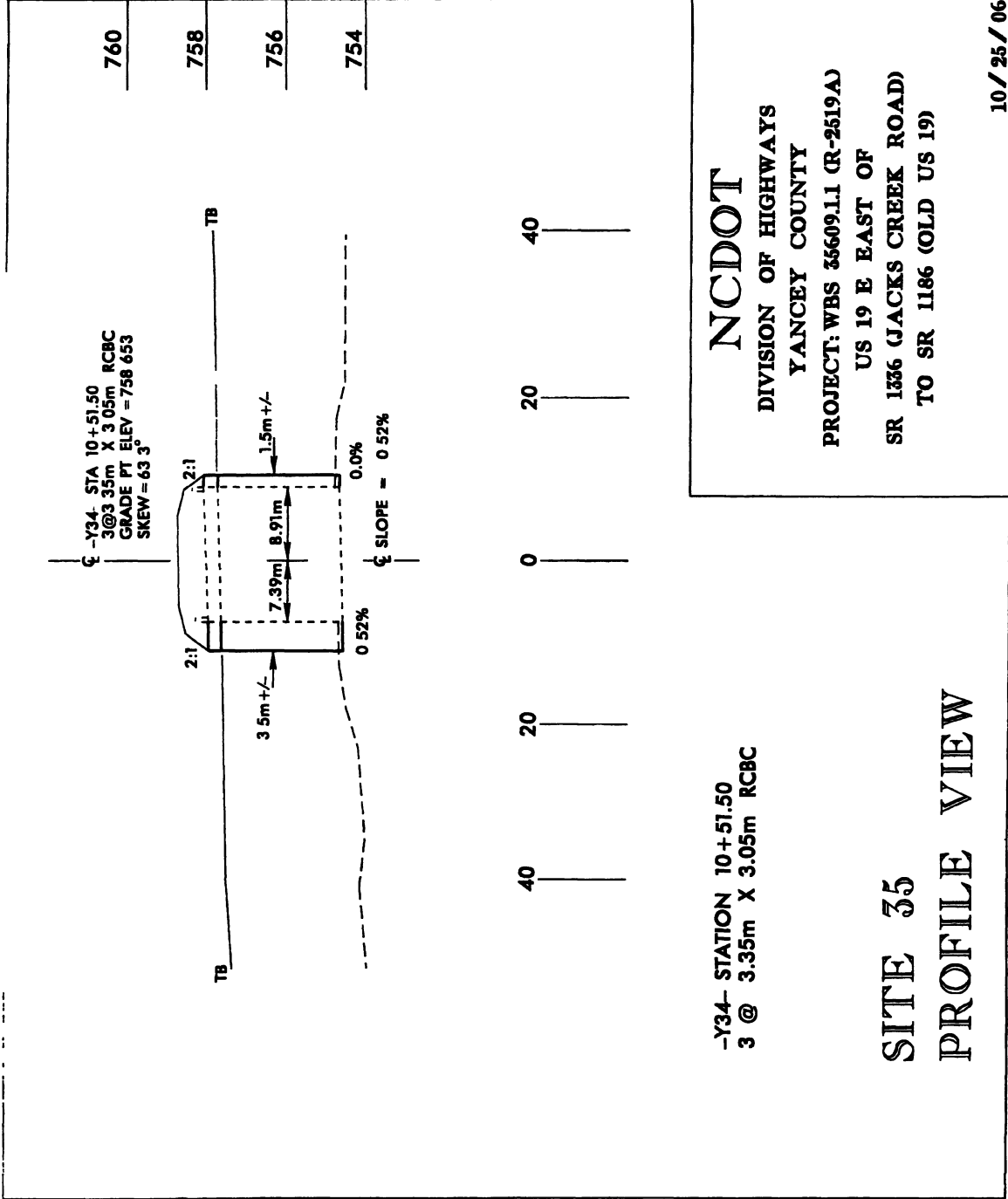
NOTE: DESIGN CRITERIA REQUIRED FOR DESIGN SPEED FROM ROUGH TERRAIN TO 80 MPH (128 km/h)

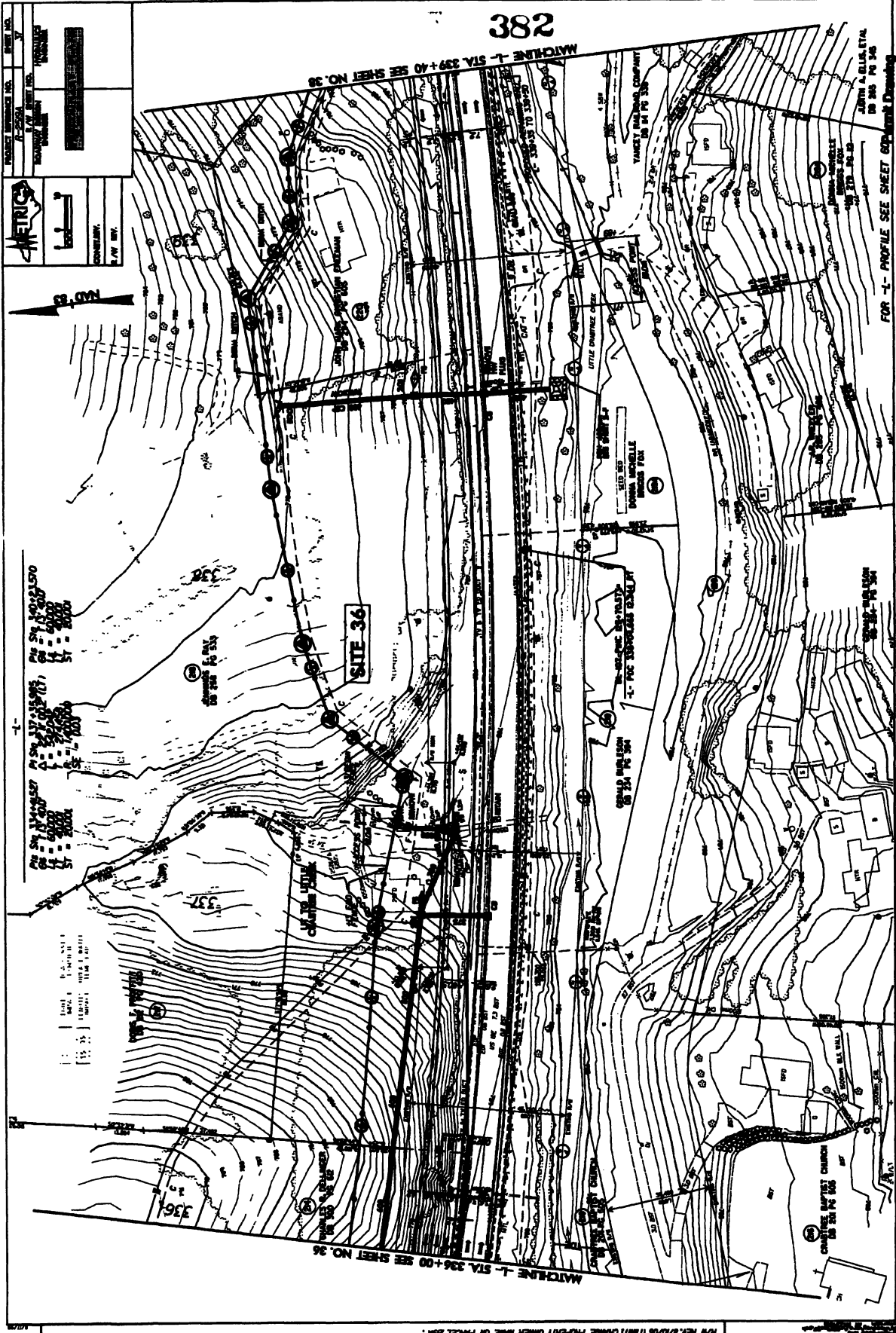


FOR -1- PROFILE SEE SHEET 60
FOR -154- PROFILE SEE SHEET 71

NOTES:

- ...
- ...
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MATCHLINE -L- STA. 342+80 SEE SHEET NO. 39

MATCHLINE -L- STA. 339+40 SEE SHEET NO. 37

PROJECT INFORMATION

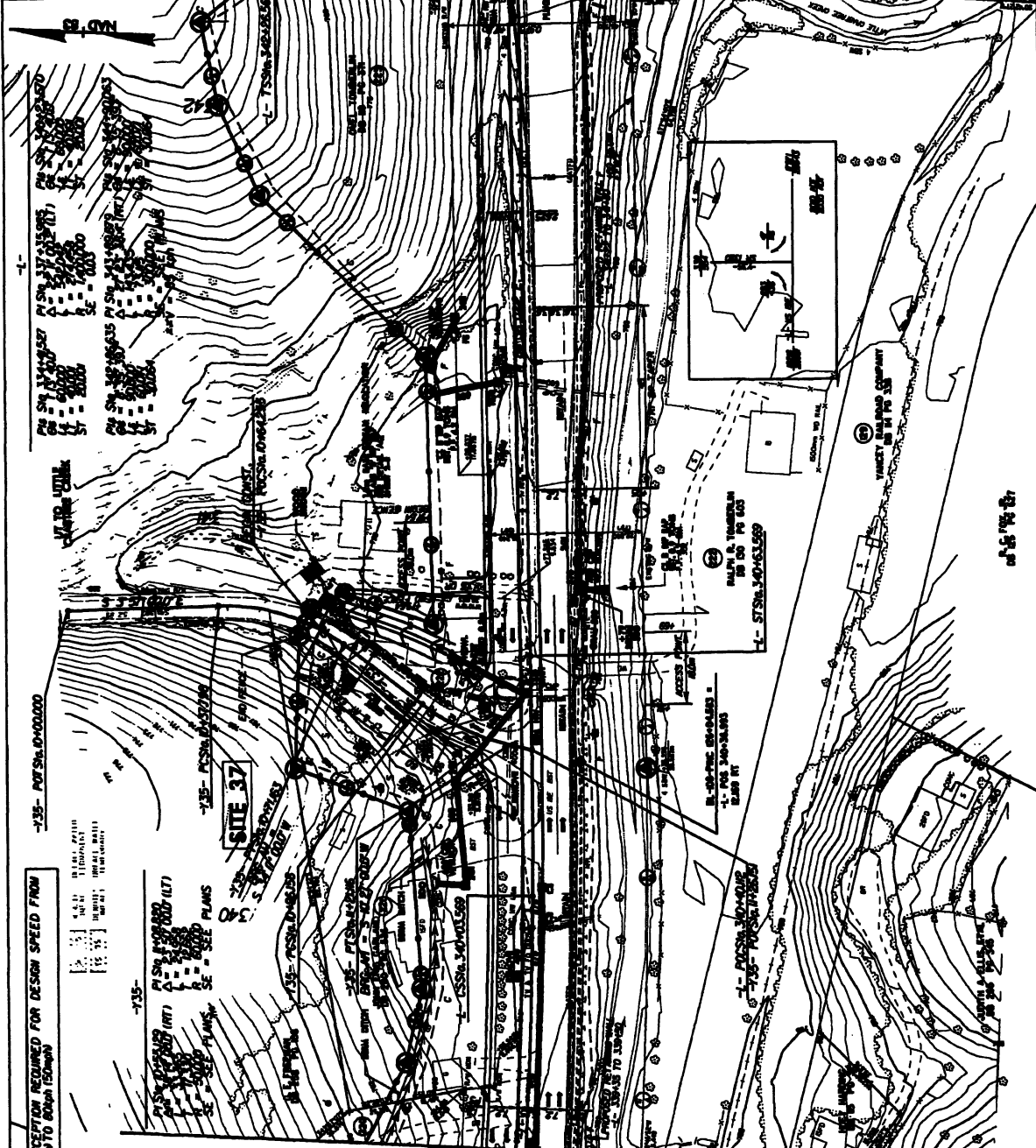
PROJECT NO.	100-100000
DATE	10/1/77
DESIGNER	...
CONTRACT NO.	...
CONTRACT NAME	...
SCALE	...

LEGEND

---	PROPOSED HIGHWAY
---	EXISTING HIGHWAY
---	PROPOSED SIDEWALK
---	EXISTING SIDEWALK
---	PROPOSED DRIVEWAY
---	EXISTING DRIVEWAY
---	PROPOSED UTILITY
---	EXISTING UTILITY
---	PROPOSED FENCE
---	EXISTING FENCE
---	PROPOSED CURB
---	EXISTING CURB
---	PROPOSED GRADE
---	EXISTING GRADE

NOTES

1. DESIGN SPEED 55 MPH
2. SEE SHEET NO. 37 FOR UTILITY LOCATIONS
3. SEE SHEET NO. 39 FOR UTILITY LOCATIONS
4. SEE SHEET NO. 38 FOR UTILITY LOCATIONS
5. SEE SHEET NO. 36 FOR UTILITY LOCATIONS
6. SEE SHEET NO. 35 FOR UTILITY LOCATIONS
7. SEE SHEET NO. 34 FOR UTILITY LOCATIONS
8. SEE SHEET NO. 33 FOR UTILITY LOCATIONS
9. SEE SHEET NO. 32 FOR UTILITY LOCATIONS
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26. SEE SHEET NO. 15 FOR UTILITY LOCATIONS
27. SEE SHEET NO. 14 FOR UTILITY LOCATIONS
28. SEE SHEET NO. 13 FOR UTILITY LOCATIONS
29. SEE SHEET NO. 12 FOR UTILITY LOCATIONS
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40. SEE SHEET NO. 1 FOR UTILITY LOCATIONS



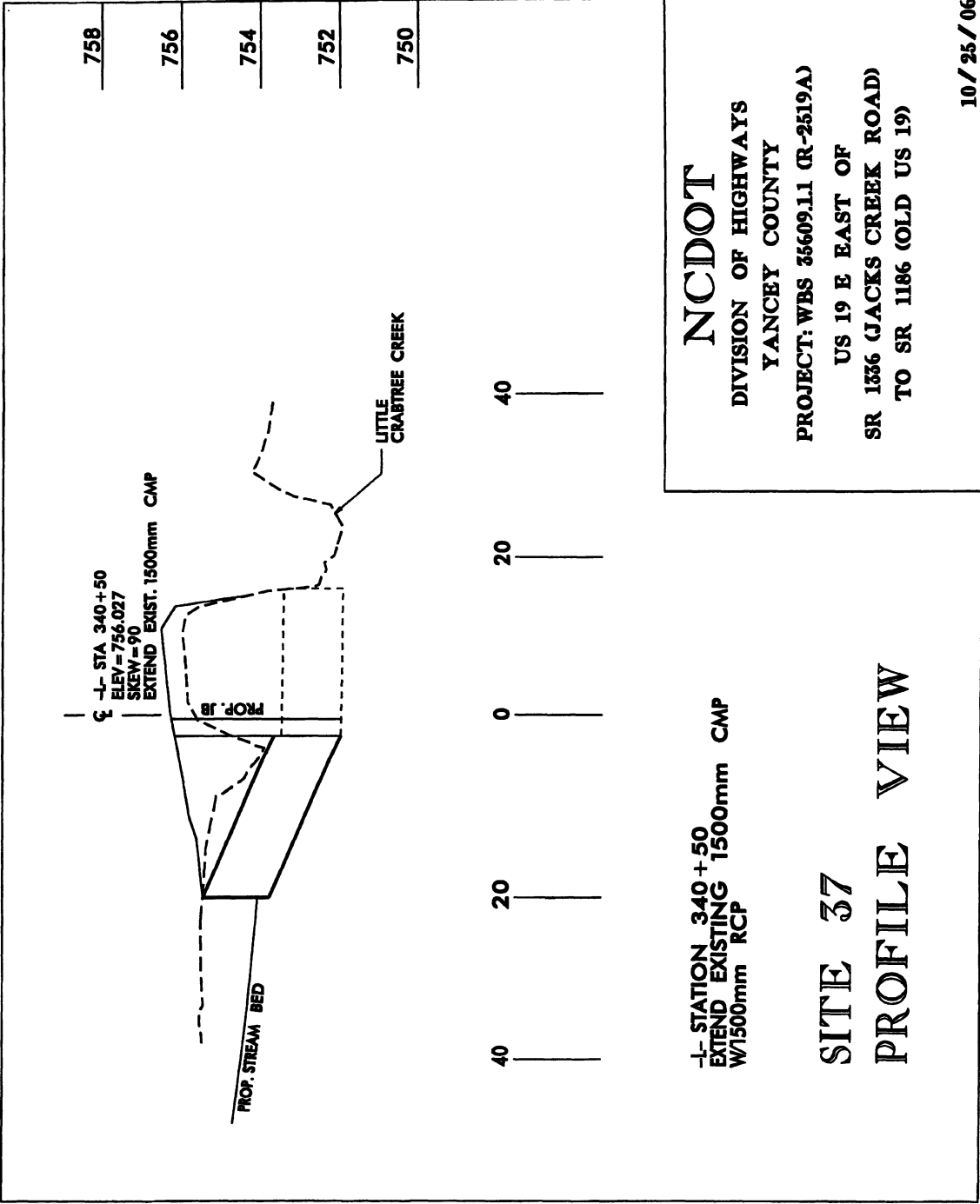
DESIGN EXCEPTION REQUIRED FOR DESIGN SPEED FROM 55 MPH TO 60 MPH

NOTES:

1. SEE SHEET NO. 37 FOR UTILITY LOCATIONS
2. SEE SHEET NO. 39 FOR UTILITY LOCATIONS
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99. SEE SHEET NO. 38 FOR UTILITY LOCATIONS
100. SEE SHEET NO. 38 FOR UTILITY LOCATIONS

FOR PROFILE SEE SHEET 61
FOR 1:50 SEE SHEET 71
FOR 1:50 SEE SHEET 71

Sheet 35 of 76



758
756
754
752
750

┆ L- STA. 340+50
┆ ELEV = 756.027
┆ SKEW = 90
┆ EXTEND EXIST. 1500mm CMP

PROP. JB

PROP. STREAM BED

LITTLE CRABTREE CREEK

40 20 0 20 40

L- STATION 340+50
EXTEND EXISTING 1500mm CMP
W/1500mm RCP

**SITE 37
PROFILE VIEW**

NCDOT
DIVISION OF HIGHWAYS
YANCEY COUNTY
PROJECT: WBS 35609.11 (R-2519A)
US 19 E EAST OF
SR 1336 (JACKS CREEK ROAD)
TO SR 1186 (OLD US 19)

10 / 25 / 06