

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

October 18, 2011

N.C. Dept. of Environment and Natural Resources
Division of Coastal Management
400 Commerce Avenue
Morehead City, NC 28557

Attn: Mr. Stephen Lane
NCDOT Coordinator

Dear Sir:

Subject: **Application for a CAMA General Permit** for utility work associated with the proposed improvements to US 70 from existing four lanes at Radio Island to north of Olga Road (SR 1426), Carteret County, State Project No. 8.1162501, Federal Aid Project STPNHF-70(43), TIP R-3307. Debit \$400.00 from WBS 34528.1.1.

Please find enclosed the North Carolina Division of Coastal Management Major Permit Form and utility plans for the above referenced project. An Environmental Assessment and Finding of No Significant Impact were completed for this project in October 2004 and September 2006, respectively, and distributed shortly thereafter. Additional copies are available upon request.

The North Carolina Department of Transportation (NCDOT), Division of Highways, in consultation with the Federal Highway Administration (FHWA), proposes improvements to US 70 from the existing four lane facility at Radio Island to just north of the US 70/Olga Road (SR 1426) intersection. This includes the replacement of the existing drawbridge over Gallants Channel with a 3,395-foot fixed-span bridge on new location, and the 61-foot box culvert on Turner Street with a 585-foot bridge in Carteret County. Less than 0.01 acre of impacts to wetlands or surface waters due to utilities is proposed.

This application is for utility work associated with the project and is being requested in advance to allow time for utility relocations to commence prior to project letting. All other activities associated with this project will be applied for under separate cover at a later date. The proposed let date for the project is July 17, 2012 with a review date of May 29, 2012. However, the let date may advance as additional funds become available.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS
1598 MAIL SERVICE CENTER
RALEIGH NC 27699-1598

TELEPHONE: 919-707-6100
FAX: 919-212-5785

WEBSITE: WWW.NCDOT.ORG

LOCATION:
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610-4328

Regulatory Approvals

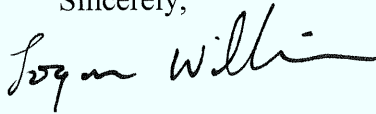
Section 404 Permit: Written approval is not required for these activities; therefore NCDOT will proceed under the General Conditions of the Section 404 Nationwide 12 permit.

Section 401 Permit: Written approval is not required for these activities; therefore NCDOT will proceed under the General Conditions of the Section 401 General Certification No. 3699 from the North Carolina Department of Environmental and Natural Resources, Division of Water Quality.

CAMA: NCDOT requests that the proposed utility work associated with this project be authorized under a Coastal Area Management Act General Permit. The remaining construction activities will be requested via a Coastal Area Management Act Major Development Permit. The adjacent riparian landowner return receipts are included with this application. Authorization to debit the \$400 Permit Application Fee from WBS Element 34528.1.1 is hereby given.

A copy of this permit application will be posted on the NCDOT Website at: <http://www.ncdot.org/doh/preconstruct/pe/>. Thank you for your assistance with this project. If you have any questions or need additional information, please contact Tyler Stanton at tstanton@ncdot.gov or (919) 707-6156.

Sincerely,



for

Gregory J. Thorpe, Ph.D., Manager
Project Development and Environmental Analysis Branch

cc:

NCDOT Permit Application Standard Distribution List

APPLICATION for Major Development Permit

(last revised 12/27/06)



North Carolina DIVISION OF COASTAL MANAGEMENT

1. Primary Applicant/ Landowner Information			
Business Name Nc Department Of Transportation		Project Name (if applicable) R-3307	
Applicant 1: First Name Gregory	MI	Last Name Thorpe	
Applicant 2: First Name	MI	Last Name	
<i>If additional applicants, please attach an additional page(s) with names listed.</i>			
Mailing Address 1598 Mail Service Center		PO Box	City Raleigh
			State NC
ZIP 27699- 1598	Country USA	Phone No. 919 - 707 - 6000 ext.	FAX No. 919 - 250 - 4224
Street Address (if different from above) 1000 Birch Ridge Drive		City Raleigh	State NC
			ZIP 27610-
Email tstanton@ncdot.gov			

2. Agent/Contractor Information			
Business Name			
Agent/ Contractor 1: First Name	MI	Last Name	
Agent/ Contractor 2: First Name	MI	Last Name	
Mailing Address		PO Box	City
			State
ZIP		Phone No. 1 - - ext.	Phone No. 2 - - ext.
FAX No.	Contractor #		
Street Address (if different from above)		City	State
			ZIP -
Email			

<Form continues on back>

3. Project Location				
County (can be multiple) Carteret		Street Address US 70 from four lanes at Radio Island to near Olga Road (SR 1426)		State Rd. # US 70
Subdivision Name N/A		City Beaufort	State NC	Zip 28516 -
Phone No. - - ext.		Lot No.(s) (if many, attach additional page with list) , , , ,		
a. In which NC river basin is the project located? White Oak River Basin		b. Name of body of water nearest to proposed project Gallants Channel & Town Creek		
c. Is the water body identified in (b) above, natural or manmade? ☒ Natural ☐ Manmade ☐ Unknown		d. Name the closest major water body to the proposed project site. Newport River		
e. Is proposed work within city limits or planning jurisdiction? ☒ Yes ☐ No		f. If applicable, list the planning jurisdiction or city limit the proposed work falls within. Beaufort		

4. Site Description	
a. Total length of shoreline on the tract (ft.) 800 ft. (approximately 400 ft. on each shore)	b. Size of entire tract (sq.ft.) Approximate Project Area = 3802000 sq. ft
c. Size of individual lot(s) n/a, (If many lot sizes, please attach additional page with a list)	d. Approximate elevation of tract above NHW (normal high water) or NWL (normal water level) 5.3' to 65' ☒ NHW or ☐ NWL
e. Vegetation on tract maintained/disturbed vegetation, salt marsh, loblolly pine forest	
f. Man-made features and uses now on tract roadway, sidewalks, buildings, bridges, and culverts	
g. Identify and describe the existing land uses <u>adjacent</u> to the proposed project site. commercial, residential, forested	
h. How does local government zone the tract? Port-Industrial, General Business, Commercial, Residential	i. Is the proposed project consistent with the applicable zoning? (Attach zoning compliance certificate, if applicable) ☒ Yes ☐ No ☐ NA
j. Is the proposed activity part of an urban waterfront redevelopment proposal? ☐ Yes ☒ No	
k. Has a professional archaeological assessment been done for the tract? If yes, attach a copy. ☒ Yes ☐ No ☐ NA If yes, by whom? NCDOT Archaeology Group	
l. Is the proposed project located in a National Registered Historic District or does it involve a National Register listed or eligible property? ☒ Yes ☐ No ☐ NA	

<Form continues on next page>

m. (i) Are there wetlands on the site?	☒ Yes ☐ No
(ii) Are there coastal wetlands on the site?	☒ Yes ☐ No
(iii) If yes to either (i) or (ii) above, has a delineation been conducted? (Attach documentation, if available)	☒ Yes ☐ No
n. Describe existing wastewater treatment facilities. A sanitary sewer pumping station is located near the intersection of West Beaufort Rd and Turner St. This station will be relocated.	
o. Describe existing drinking water supply source. N/A	
p. Describe existing storm water management or treatment systems. N/A	

5. Activities and Impacts

a. Will the project be for commercial, public, or private use?	☐ Commercial ☒ Public/Government ☐ Private/Community
b. Give a brief description of purpose, use, and daily operations of the project when complete. Roadway and bridge for transportation use	
c. Describe the proposed construction methodology, types of construction equipment to be used during construction, the number of each type of equipment and where it is to be stored. Typical utility methods in addition to apparatus used for directional boring.	
d. List all development activities you propose. Replacement/relocation of existing utility lines including: water, sanitary sewer, power, telephone, and cable TV. Three power poles carrying overhead transmission lines will be relocated in jurisdictional wetlands. All other utilities relocations will be directionally bored under jurisdictional resources	
e. Are the proposed activities maintenance of an existing project, new work, or both?	both
f. What is the approximate total disturbed land area resulting from the proposed project?	☐ Sq.Ft or ☐ Acres
g. Will the proposed project encroach on any public easement, public accessway or other area that the public has established use of?	☒ Yes ☐ No ☐ NA
h. Describe location and type of existing and proposed discharges to waters of the state. < 0.01 acre of impacts will result from power pole installation for overhead transmission lines (see attached)	
i. Will wastewater or stormwater be discharged into a wetland?	☐ Yes ☒ No ☐ NA
If yes, will this discharged water be of the same salinity as the receiving water?	☐ Yes ☐ No ☒ NA
j. Is there any mitigation proposed?	☐ Yes ☒ No ☐ NA
If yes, attach a mitigation proposal.	

<Form continues on back>

6. Additional Information

In addition to this completed application form, (MP-1) the following items below, if applicable, must be submitted in order for the application package to be complete. Items (a) – (f) are always applicable to any major development application. Please consult the application instruction booklet on how to properly prepare the required items below.

- a. A project narrative.
- b. An accurate, dated work plat (including plan view and cross-sectional drawings) drawn to scale. Please give the present status of the proposed project. Is any portion already complete? If previously authorized work, clearly indicate on maps, plats, drawings to distinguish between work completed and proposed.
- c. A site or location map that is sufficiently detailed to guide agency personnel unfamiliar with the area to the site.
- d. A copy of the deed (with state application only) or other instrument under which the applicant claims title to the affected properties.
- e. The appropriate application fee. Check or money order made payable to DENR.
- f. A list of the names and complete addresses of the adjacent waterfront (riparian) landowners and signed return receipts as proof that such owners have received a copy of the application and plats by certified mail. Such landowners must be advised that they have 30 days in which to submit comments on the proposed project to the Division of Coastal Management.
- | | |
|---------|-----------|
| Name | Phone No. |
| Address | |
| Name | Phone No. |
| Address | |
| Name | Phone No. |
| Address | |
- g. A list of previous state or federal permits issued for work on the project tract. Include permit numbers, permittee, and issuing dates.
- h. Signed consultant or agent authorization form, if applicable.
- i. Wetland delineation, if necessary.
- j. A signed AEC hazard notice for projects in oceanfront and inlet areas. *(Must be signed by property owner)*
- k. A statement of compliance with the N.C. Environmental Policy Act (N.C.G.S. 113A 1-10), if necessary. If the project involves expenditure of public funds or use of public lands, attach a statement documenting compliance with the North Carolina Environmental Policy Act.

7. Certification and Permission to Enter on Land

I understand that any permit issued in response to this application will allow only the development described in the application. The project will be subject to the conditions and restrictions contained in the permit.

I certify that I am authorized to grant, and do in fact grant permission to representatives of state and federal review agencies to enter on the aforementioned lands in connection with evaluating information related to this permit application and follow-up monitoring of the project.

I further certify that the information provided in this application is truthful to the best of my knowledge.

Date 10.17.11

Print Name Gregory J. Thapa, PhD

Signature E. J. Lusk for

Please indicate application attachments pertaining to your proposed project.

☐ DCM MP-2 Excavation and Fill Information

☐ DCM MP-5 Bridges and Culverts

☐ DCM MP-3 Upland Development

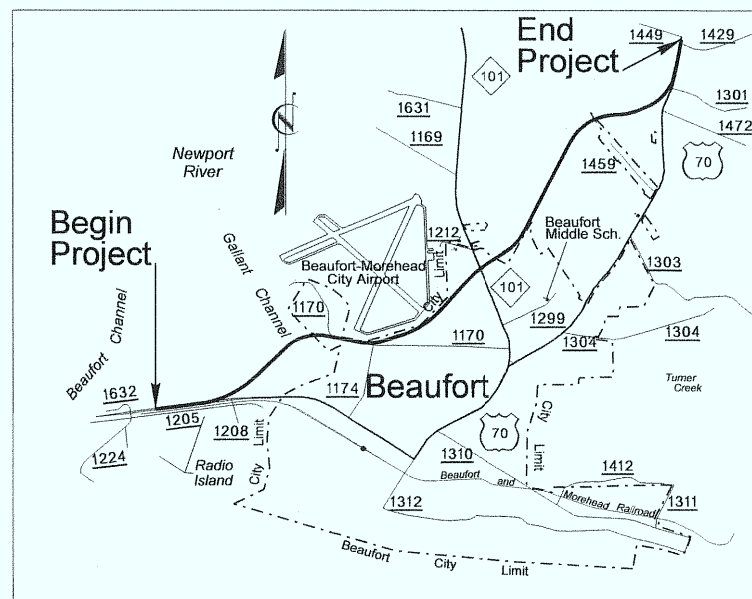
☐ DCM MP-4 Structures Information

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TIP PROJECT: R-3307

T.I.P. NO.	SHEET NO.
R-3307	UO-1

Utility Permit Drawing
Sheet 1 of 16



VICINITY MAP

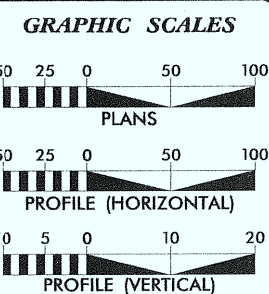
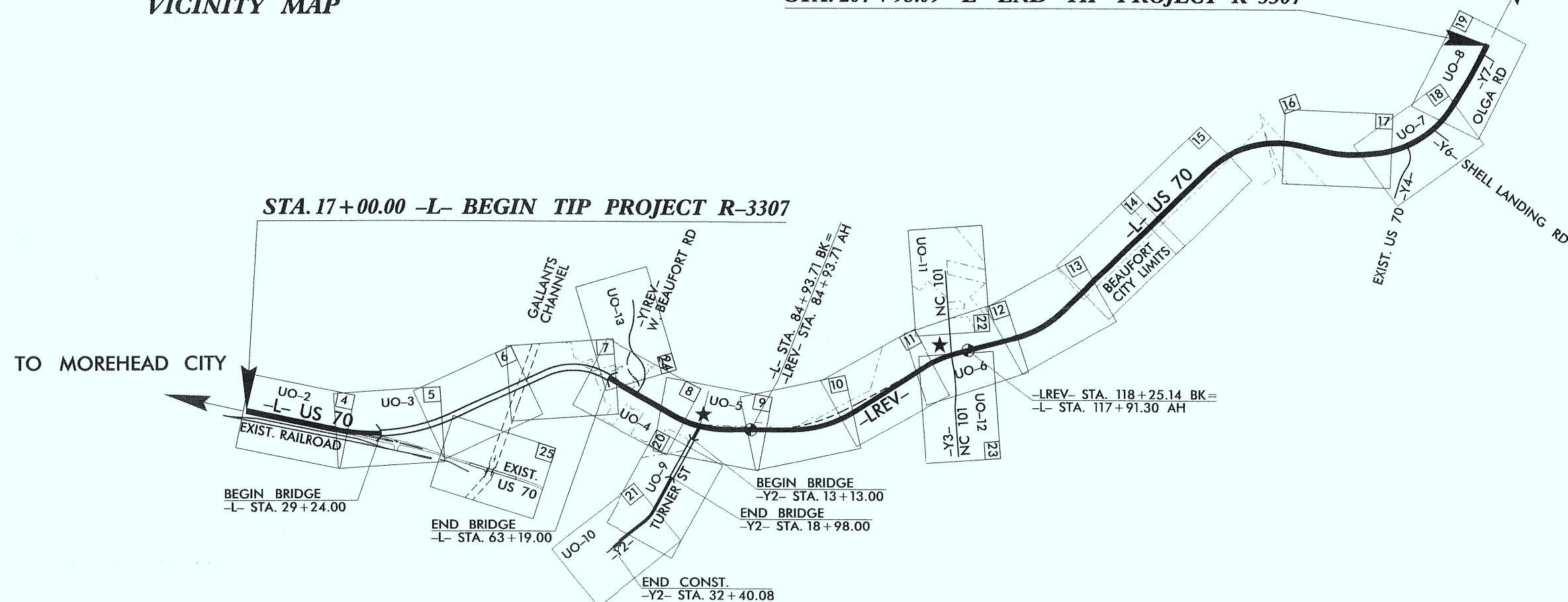
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NEU PERMIT DRAWINGS
CARTERET COUNTY

LOCATION: US 70 FROM EXISTING FOUR LANES AT
RADIO ISLAND TO US 70 NORTH OF
SR 1429 (OLGA ROAD)

TYPE OF WORK: RELOCATE UTILITIES LINES

STA. 207+95.09 -L- END TIP PROJECT R-3307



INDEX OF SHEETS

SHEET NO.	DESCRIPTION
UO-1	TITLE SHEET
UO-2 THRU UO-13	UTILITY BY OTHERS PLAN SHEETS

UTILITY OWNERS ON PROJECT

- (1) CENTURY LINK
- (2) PROGRESS ENERGY
- (3) TIME WARNER CABLES



PREPARED IN THE OFFICE OF:
DIVISION OF HIGHWAYS
UTILITIES ENGINEERING
SECTION

1591 MAIL SERVICES CENTER
RALEIGH NC 27699-1591
PHONE (919) 707-6690
FAX (919) 250-4151

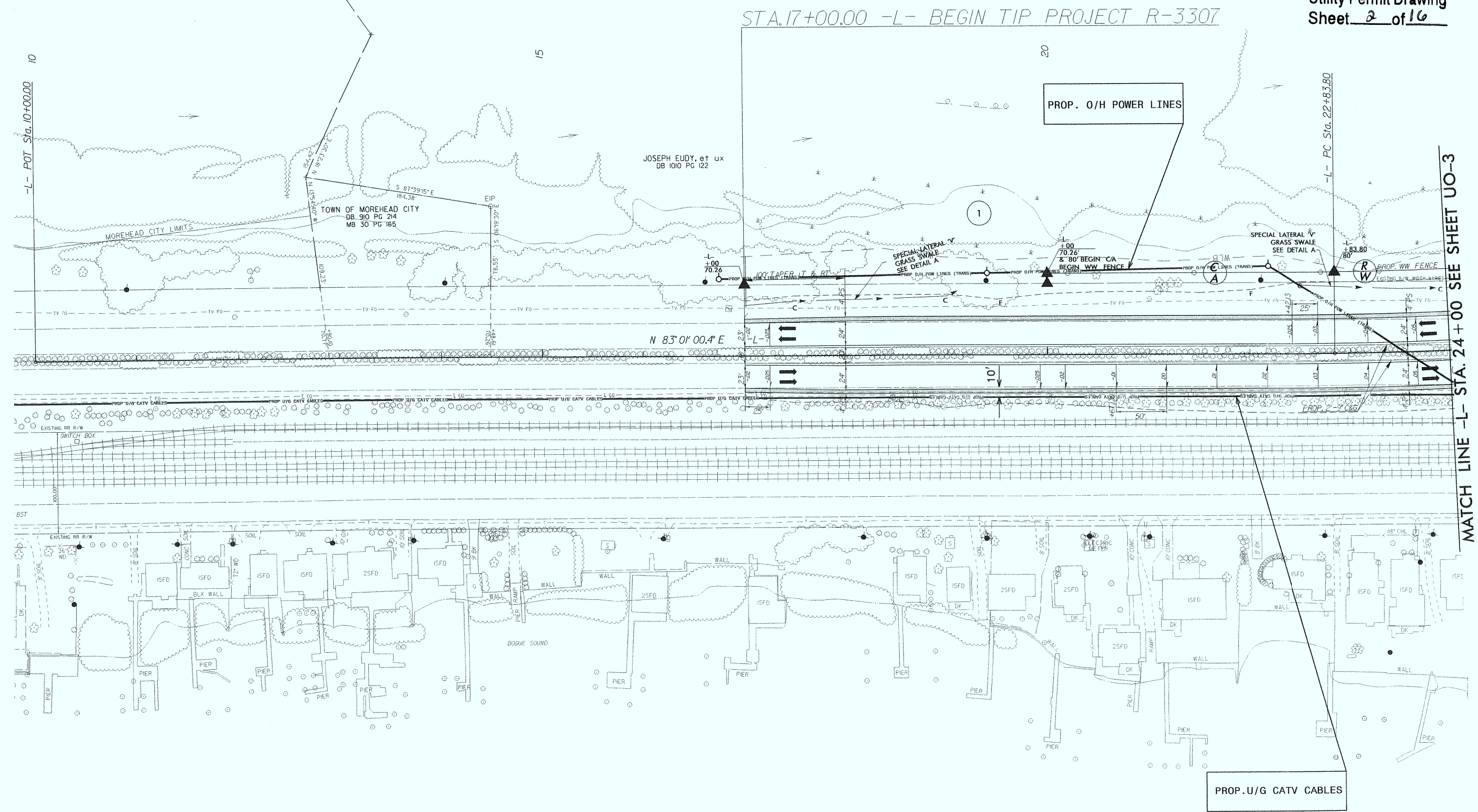
Roger Worthington, P.E. UTILITIES SECTION ENGINEER
Gorey Bousquet, P.E. UTILITIES SQUAD LEADER PROJECT ENGINEER
Kifah Kamil UTILITIES PROJECT DESIGNER

UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

Utility Permit Drawing
Sheet 2 of 16

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PI Sta 31+49.36
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 $SE = .05$



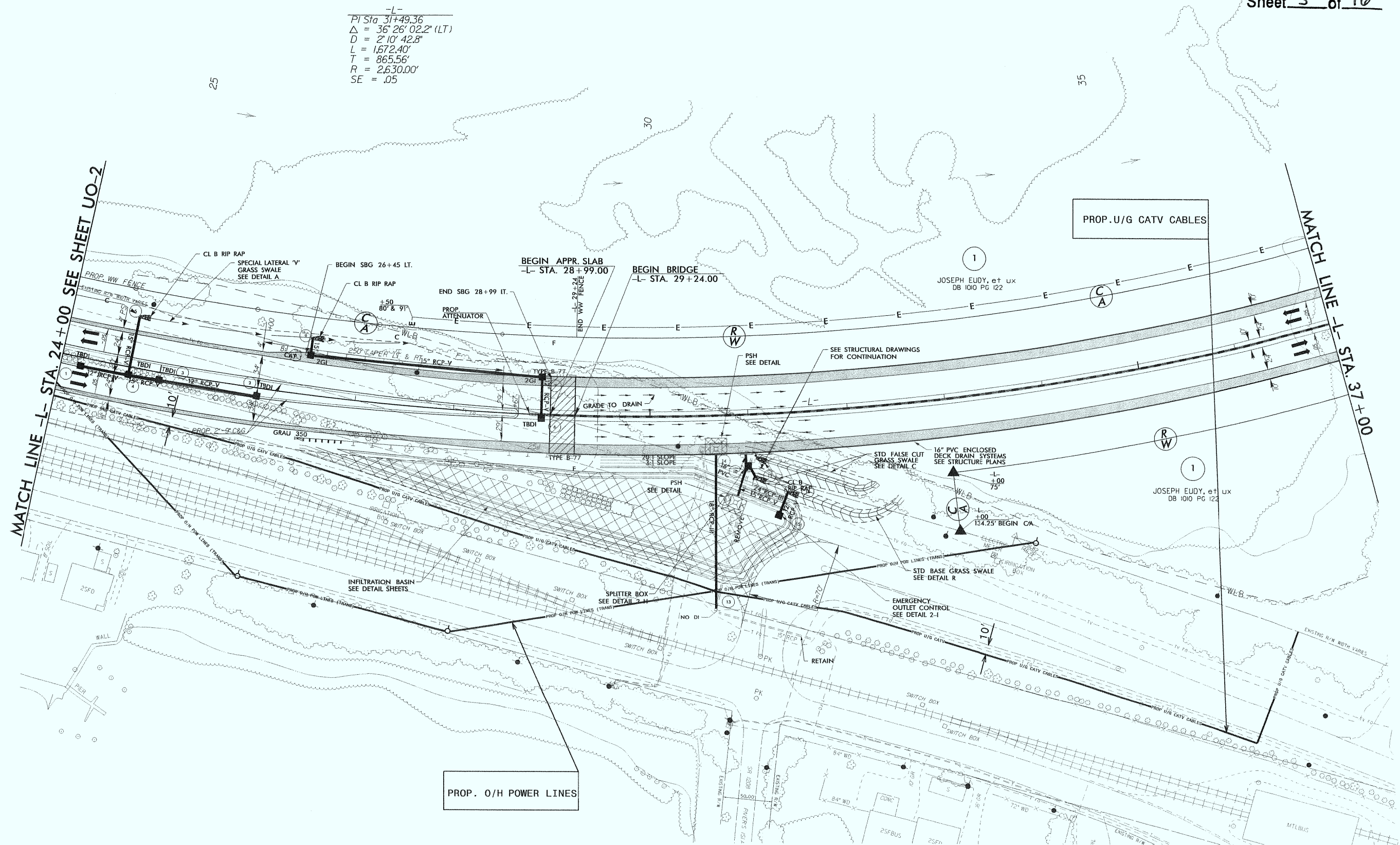
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UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

Utility Permit Drawing
Sheet 3 of 16

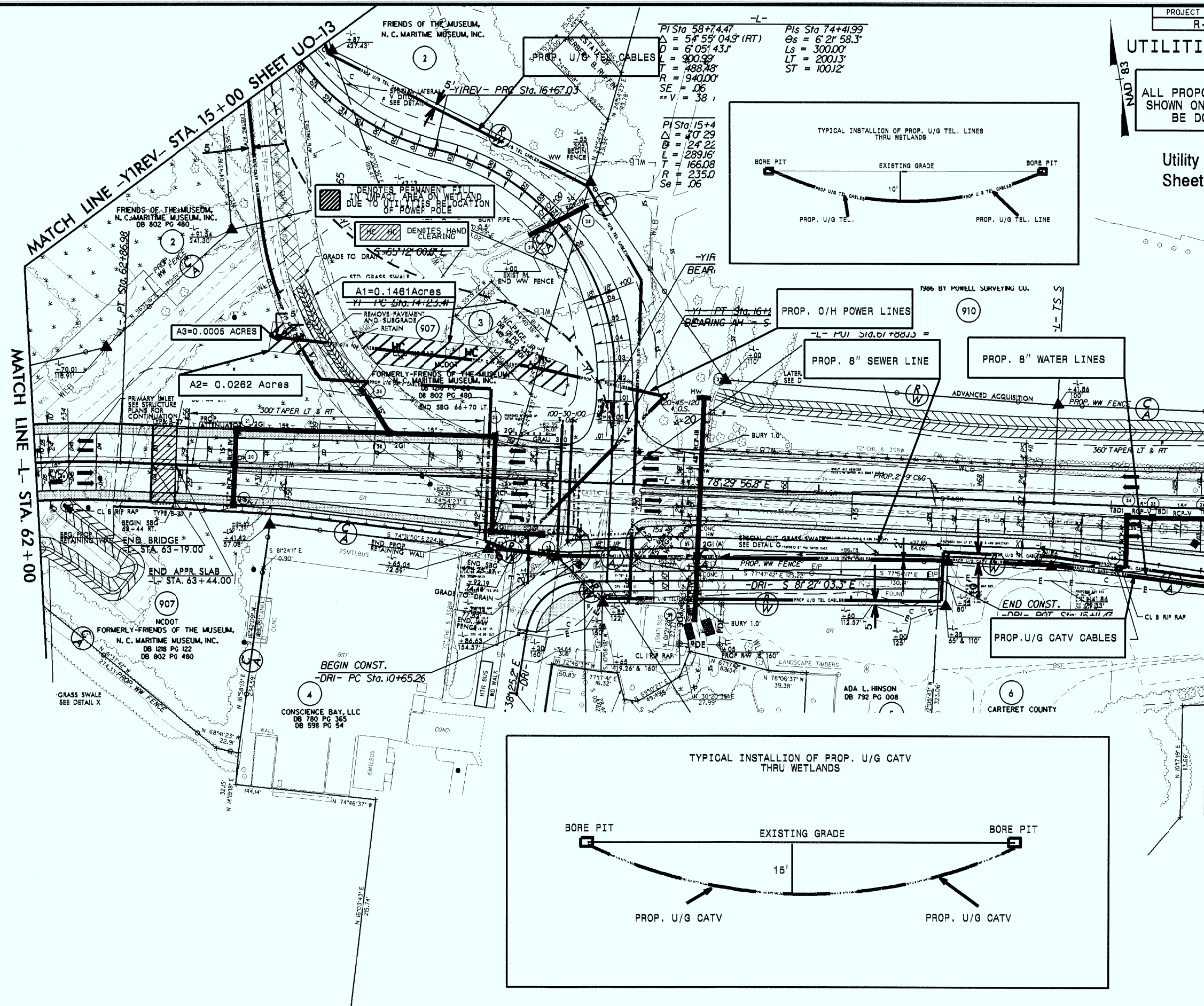
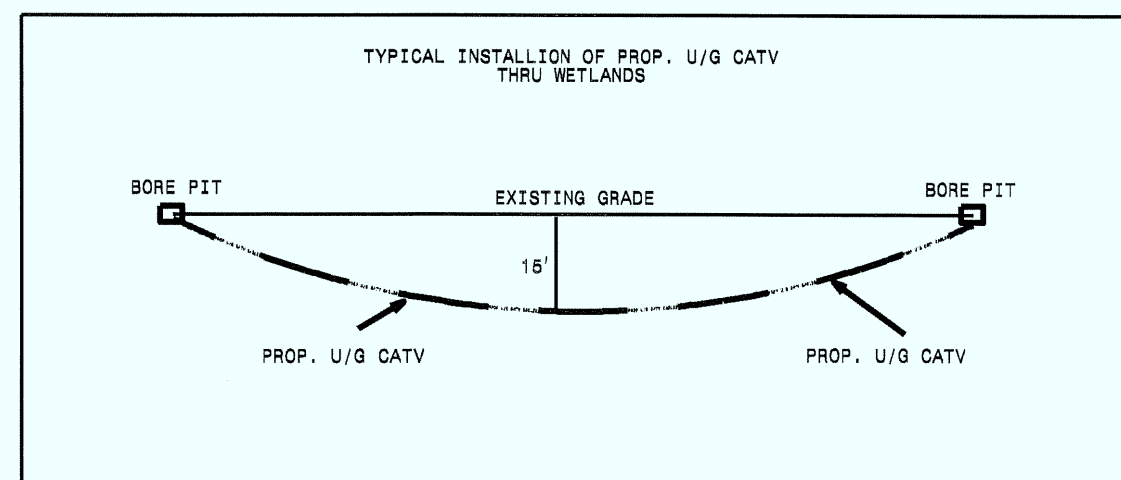
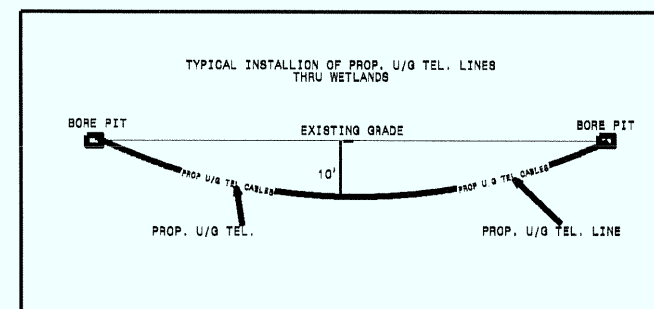


PROP. O/H POWER LINES

PROJECT REFERENCE NO.	SHEET NO.
R-3307	U0-4

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

Utility Permit Drawing
Sheet 4 of 16

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MATCH LINE -L- STA. 74+00 SEE SHEET UO-5

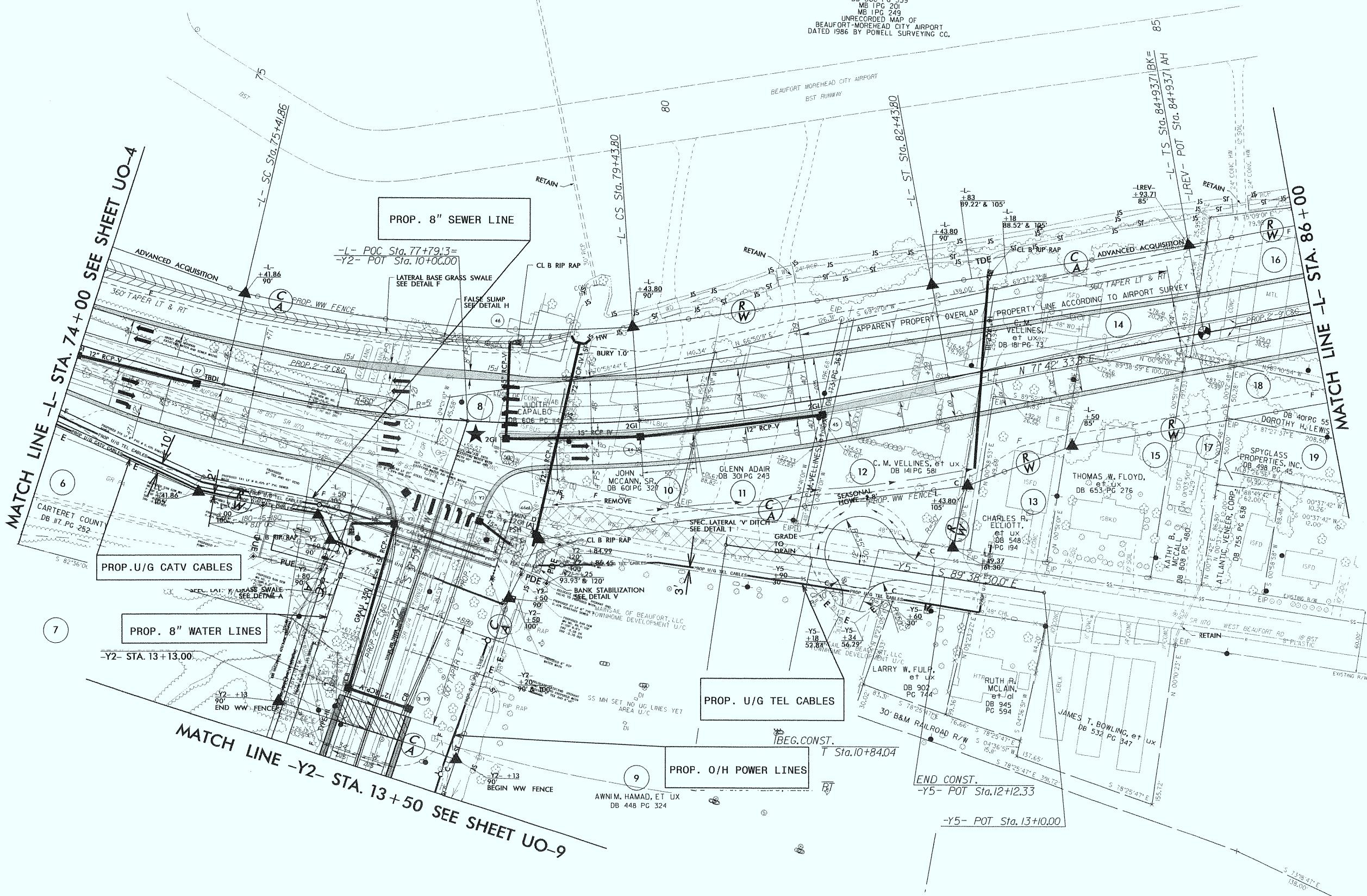
UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

Utility Permit Drawing
Sheet 5 of 16

Pls Sta 74+41.99 Os = 6' 2" 58.3" Ls = 300.00' LT = 200.13' ST = 100.12'	Pls Sta 77+44.33 Δ = 17' 03' 32.8" (LT) D = 4' 14' 38.9" L = 401.95' T = 202.47' R = 1,350.00' SE = .06	Pls Sta 80+43.92 Os = 6' 2" 58.3" Ls = 300.00' LT = 200.13' ST = 100.12'	Pls Sta 86+60.40 Os = 2' 42' 09.5" Ls = 250.00' LT = 166.69' ST = 83.35'
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910
BEAUFORT-MOREHEAD CITY
AIRPORT AUTHORITY
DB 11 PG 420
DB 16 PG 554
DB 100 PG 374
DB 100 PG 455
DB 100 PG 471
DB 101 PG 231
DB 101 PG 263
DB 101 PG 265
DB 101 PG 288
DB 101 PG 296
DB 101 PG 331-333
DB 409 PG 18
DB 517 PG 127
DB 524 PG 346
DB 583 PG 142
DB 688 PG 216
DB 734 PG 830
DB 808 PG 559
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MB IPC 249
UNRECORDED MAP OF
BEAUFORT-MOREHEAD CITY AIRPORT
DATED 1986 BY POWELL SURVEYING CO.

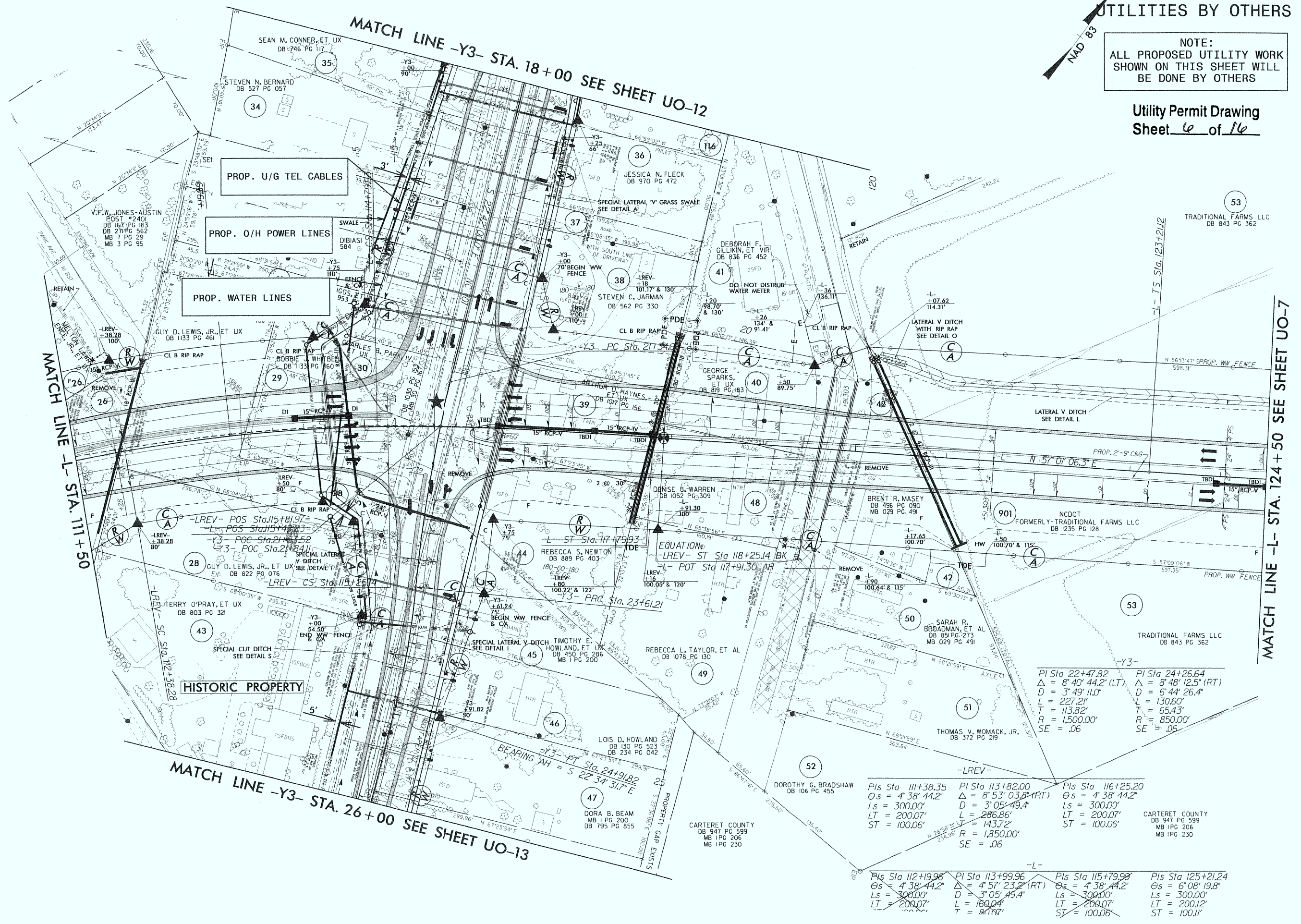


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UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

Utility Permit Drawing
Sheet 6 of 16



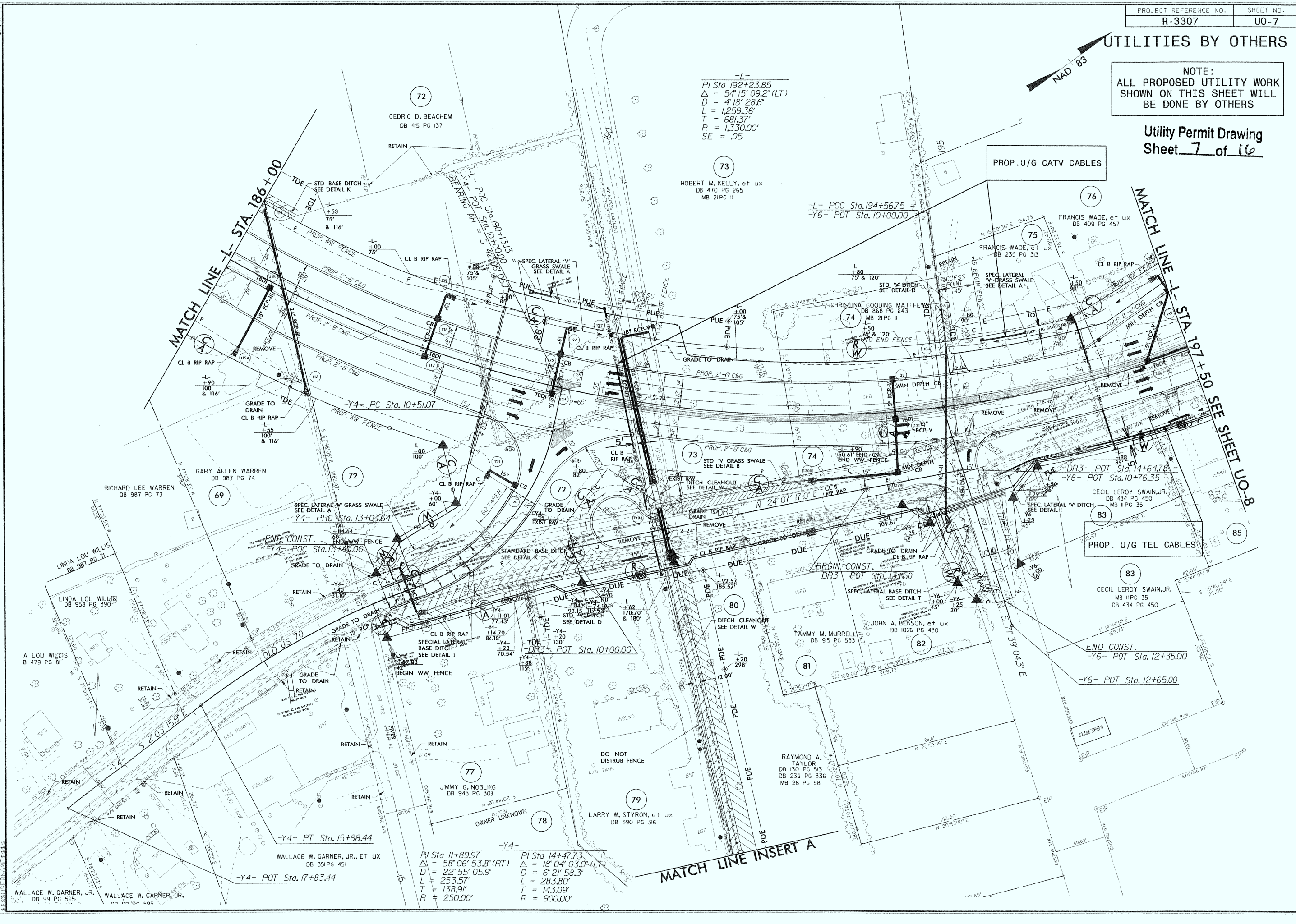
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UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

Utility Permit Drawing
Sheet 7 of 16



-L-
PI Sta 192+23.85
 $\Delta = 54'15''09.2''$ (LT)
 $D = 4'18''28.6''$
 $L = 1,259.36'$
 $T = 681.37'$
 $R = 1,330.00'$
 $SE = .05$

73
HOBERT M. KELLY, et ux
DB 470 PG 265
MB 21 PG II

-L- POC Sta. 194+56.75
-Y6- POT Sta. 10+00.00

PROP. U/G CATV CABLES

76
FRANCIS WADE, et ux
DB 409 PG 457

75
FRANCIS WADE, et ux
DB 235 PG 313

83
CECIL LEROY SWAIN, JR.
DB 434 PG 450
MB 11 PG 35

83
CECIL LEROY SWAIN, JR.
MB 11 PG 35
DB 434 PG 450

END CONST.
-Y6- POT Sta. 12+35.00
-Y6- POT Sta. 12+65.00

81
RAYMOND A. TAYLOR
DB 130 PG 513
DB 236 PG 336
MB 28 PG 58

82
JOHN A. BEKSON, et ux
DB 1026 PG 430

79
LARRY W. STYRON, et ux
DB 590 PG 316

77
JIMMY G. NOBLING
DB 943 PG 309

72
CEDRIC D. BEACHEM
DB 415 PG 137

69
GARY ALLEN WARREN
DB 987 PG 74

RICHARD LEE WARREN
DB 987 PG 73

LINDA LOU WILLIS
DB 987 PG 71

LINDA LOU WILLIS
DB 958 PG 390

A LOU WILLIS
B 479 PG 81

-Y4- PT Sta. 15+88.44
WALLACE W. GARNER, JR., ET UX
DB 351 PG 451

-Y4- POT Sta. 17+83.44

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 $R = 250.00'$

PI Sta 14+47.73
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UTILITIES BY OTHERS

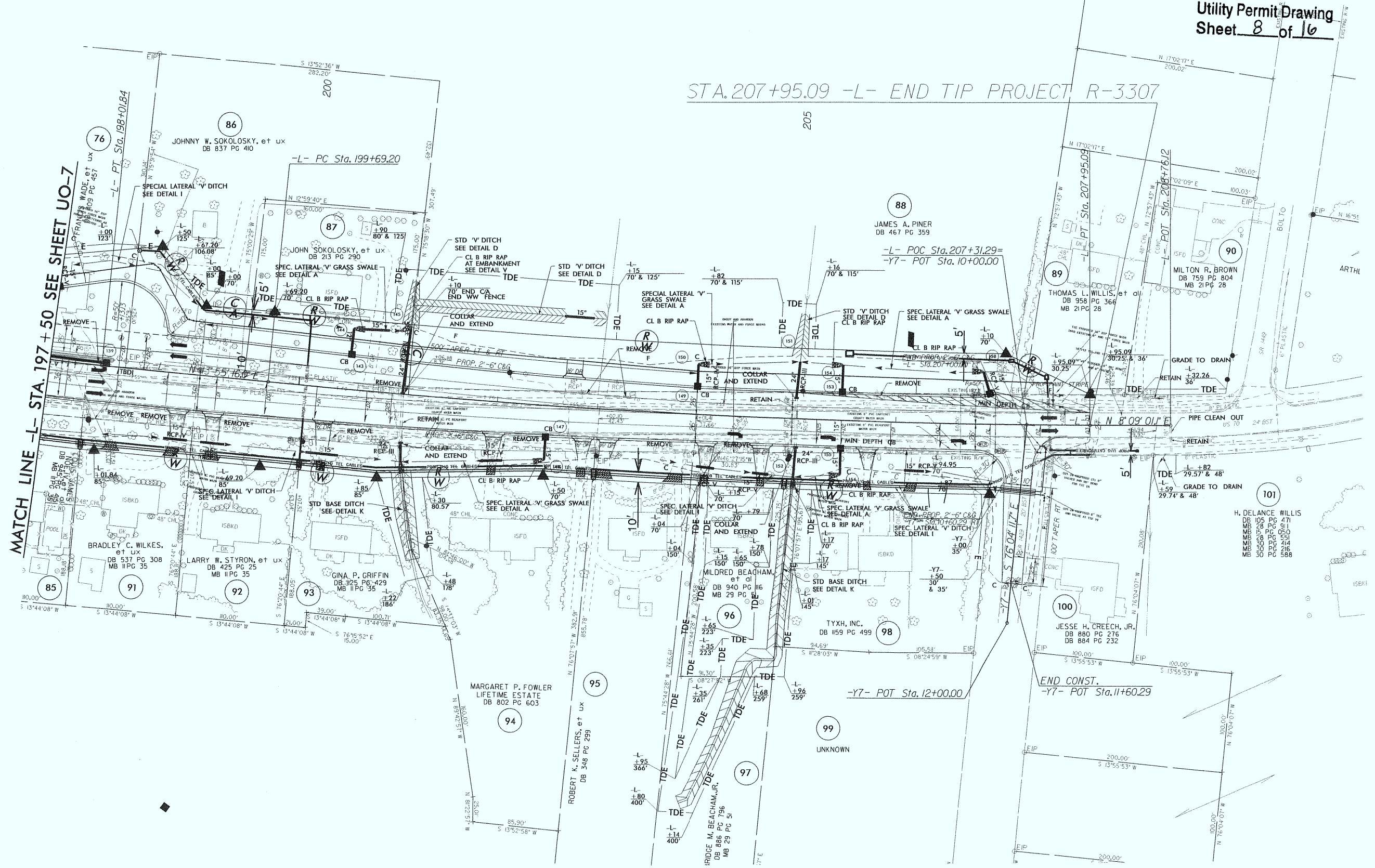
NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

Utility Permit Drawing
Sheet 8 of 16

-L-
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 $L = 1,259.36'$
 $T = 681.37'$
 $R = 1,330.00'$
 $SE = .05$

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 $SE = NC$

STA. 207+95.09 -L- END TIP PROJECT R-3307



09-AUG-2011 15:37

UTILITIES BY OTHERS

Utility Permit Drawing
Sheet 10 of 16

Utility Permit Drawing
Sheet 10 of 16

MATCH LINE -Y2- STA. 25+50 SEE SHEET UO-9

PROP. U/G TEL CABLES

STD GRASS SWALE
SEE DETAIL P.

HISTORIC DISTRICT

PROP. O/H POWER
& TEL LINES

-Y2-

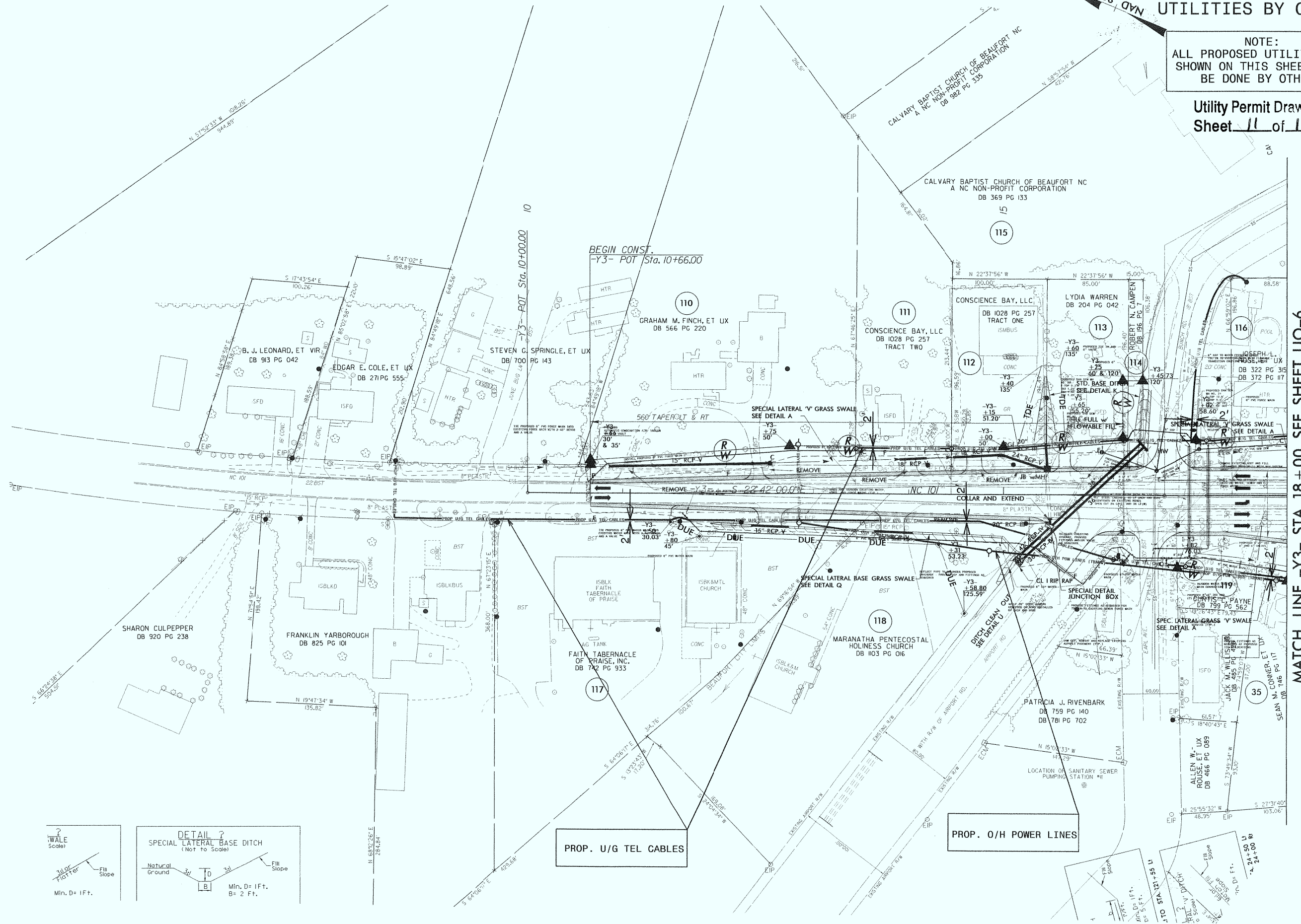
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$T = 110.58'$
$R = 560.00'$
$SE = .04$
$RUNOFF = 88'$

APPROX. LOCATION OF BEAUFORT HISTORIC DISTRICT
PER NATIONAL REGISTER OF HISTORIC PLACES DESCRIPTION

UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

Utility Permit Drawing
Sheet 11 of 16



MATCH LINE -Y3- STA. 18+00 SEE SHEET UO-6

PROP. U/G TEL CABLES

PROP. O/H POWER LINES

WALE
Scale)

DETAIL ?
SPECIAL LATERAL BASE DITCH
(Not to Scale)

Min. D= 1Ft.

Min. D= 1 Ft.
B= 2 Ft.

$B = 2 \text{ Ft.}$

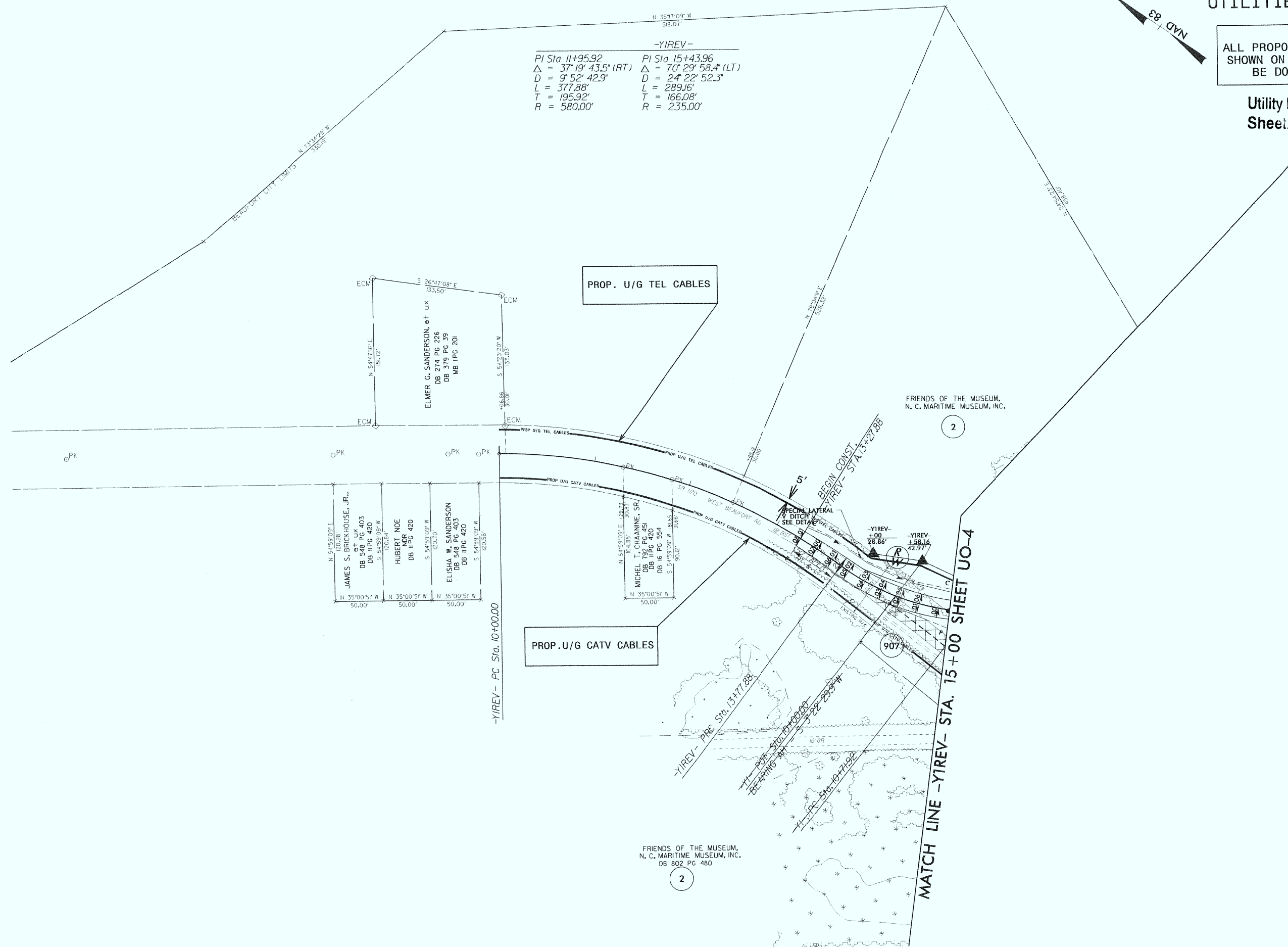
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851

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

NAD 83



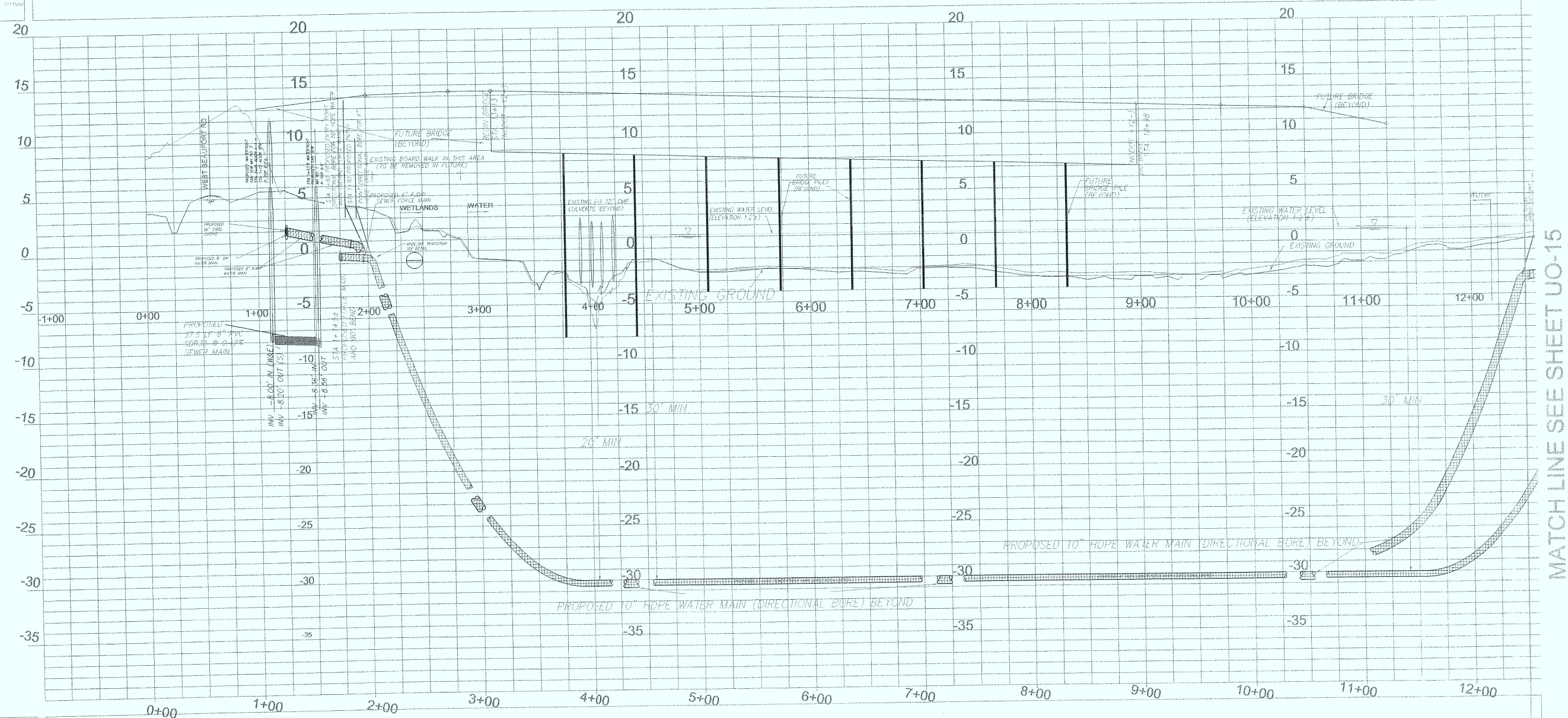
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UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

Utility Permit Drawing
Sheet 14 of 16

PROP. 10" HDPE WATER MAIN & 6" SEWER LINE PROFILES



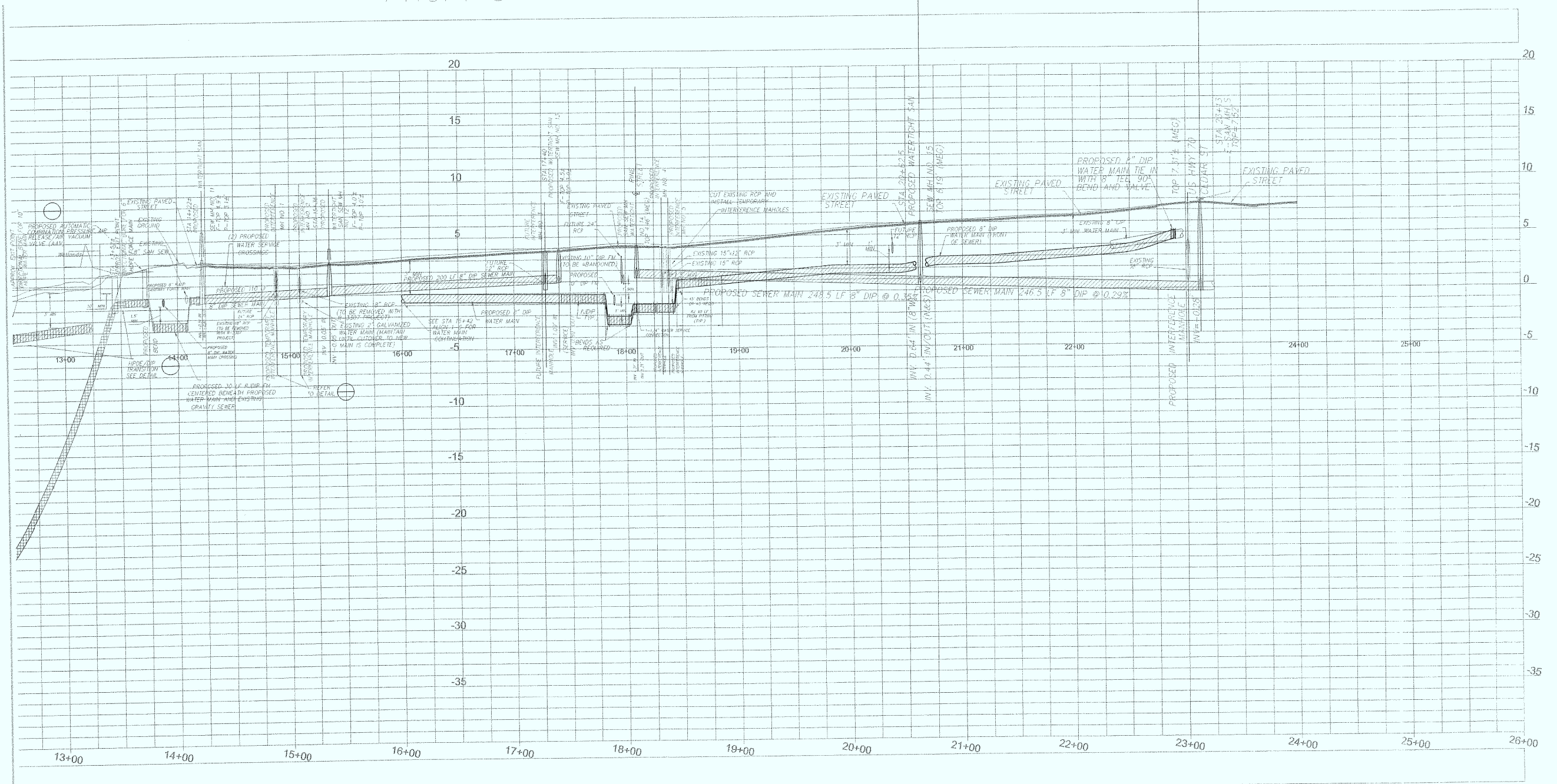
MATCH LINE SEE SHEET UO-15

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

Utility Permit Drawing
Sheet 15 of 16

PROP. 8" WATER MAIN & PROP. 8" SEWER LINE PROFILES

MATCH LINE SEE SHEET 26



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)
A1	-L-65+00 TO 67+00 (SHEET 4)	Aerial Power line (Transmission)	<0.01				0.15					
A2	-L-64+30 TO 64+80 (SHEET 4)	Aerial power lines	<0.01				0.26					
A3	-L- Sta.64+30 (SHEET 4)	Power pole	<0.01									
A4	Y2- Sta.15+00 (sheet 9)	Power pole	<0.01									
A5	Y2 sta. 16+42 sheet 9	Power pole	<0.01									
TOTALS:			<0.01	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.00

Note: 25 sq. ft. (Each) = 0.00057 ac (Each) permanent impact in the wetlands from pole installation

NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
CARTERET COUNTY
TIP PROJECT (R-3307A)

8/9/2011