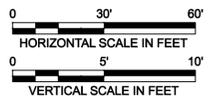
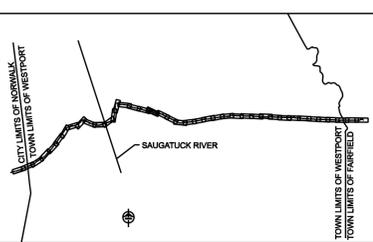
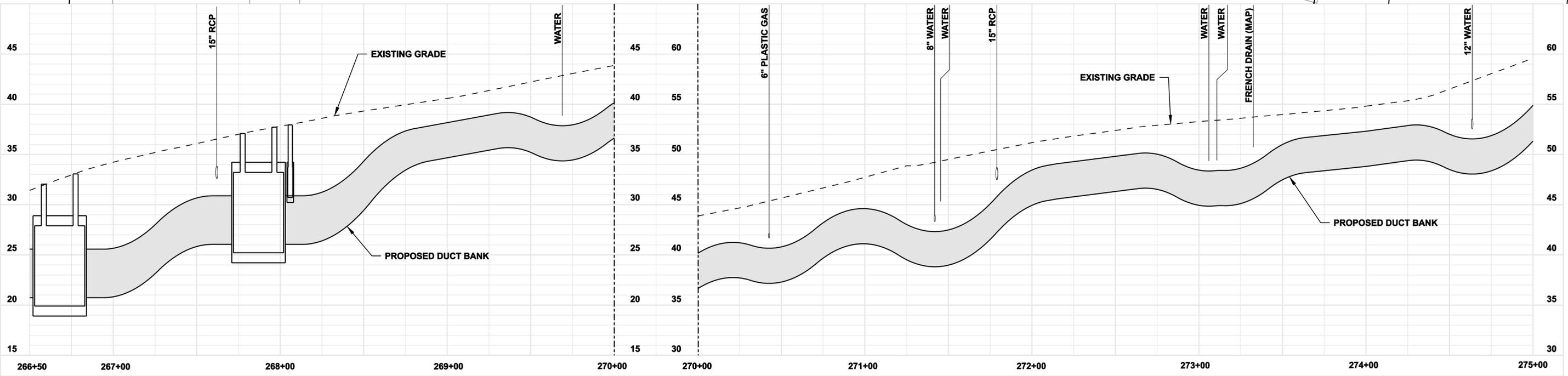


NOTE:
 1. SILT FENCE ON DOWN SLOPE SIDE OF CONSTRUCTION AREA, INCLUDING SPOIL PILES. IF AREAS ARE CURRENTLY PAVED THEN USE EROSION CONTROL LOGS/ GUTTER BUDDIES.



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DOCKET No. 272

no.	date	revisions	by	chk
7	5/12/06	ISSUED CSC		CTC
6	4/17/06	ISSUED CIVIL REVISED BID		CTC
5	4/17/06	ISSUED CABLE RFP		CTC
4	4/17/06	ISSUED NU 3RD REVIEW		CTC
3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC

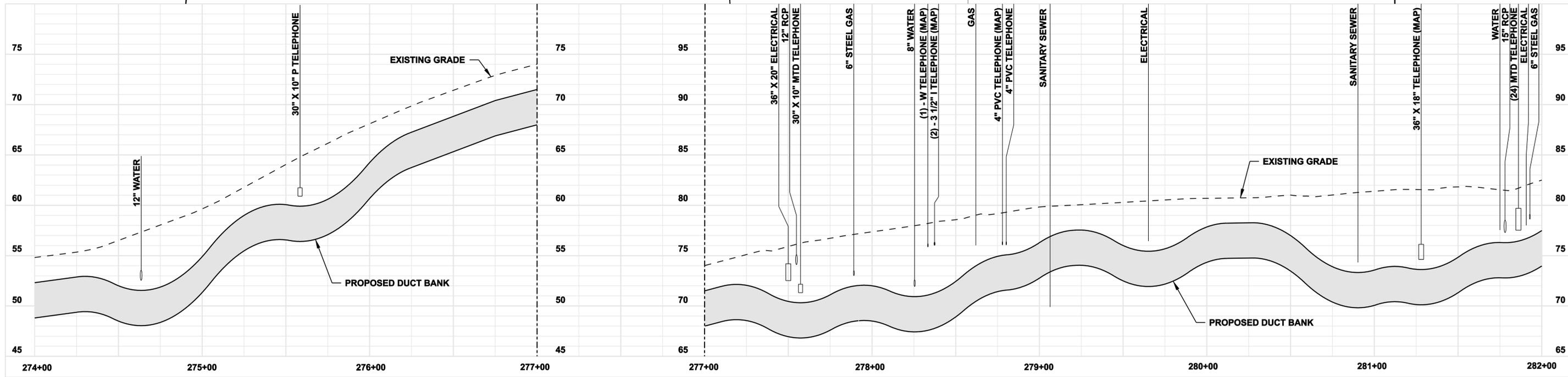
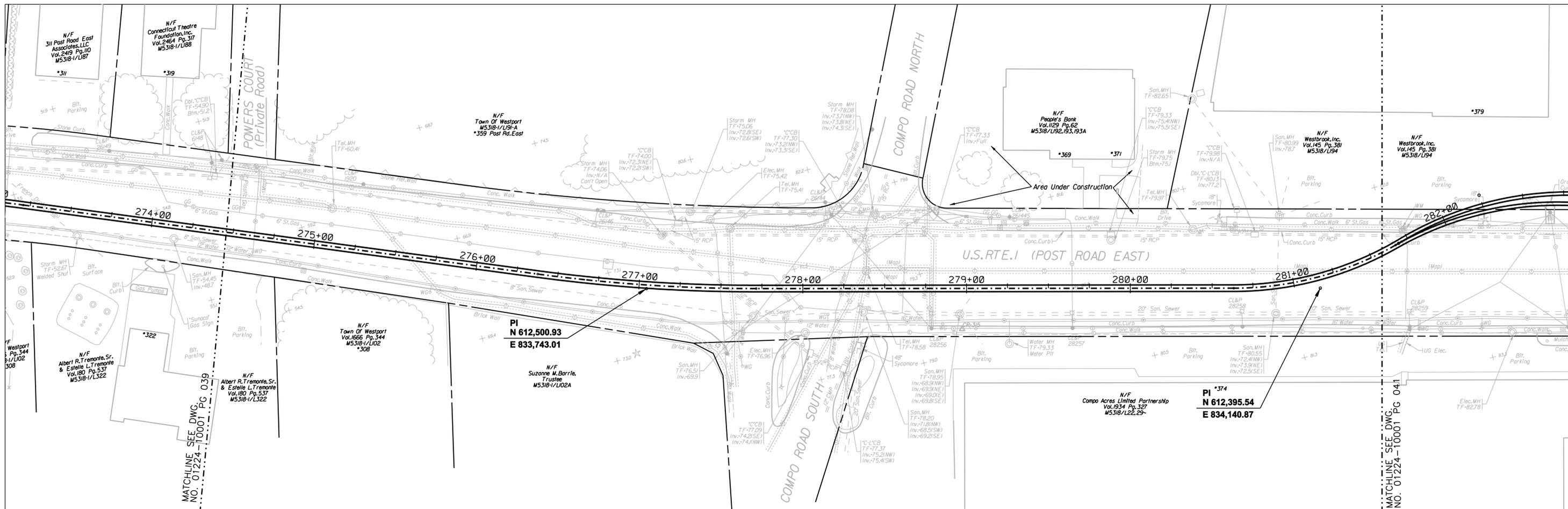


date 11/10/05
 designed C. COURTRIGHT
 detailed L. ROWSE
 checked S. NEWLAND

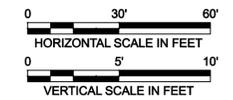
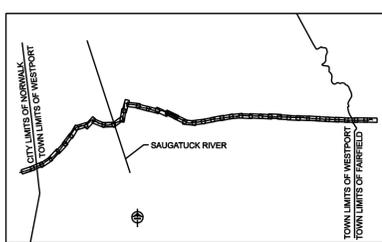
MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
TOWN OF WESTPORT PLAN AND PROFILE Sta. 266+50 to 275+00			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO. 01224-10001 PG 039		

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3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC



date 11/10/05
designed C. COURTRIGHT
detailed L. ROWSE
checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
TOWN OF WESTPORT PLAN AND PROFILE Sta. 274+00 to 282+00			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO. 01224-10001 PG 040		

NOTES:

1. SILT FENCE ON DOWN SLOPE SIDE OF CONSTRUCTION AREA, INCLUDING SPOIL PILES. IF AREAS ARE CURRENTLY PAVED THEN USE EROSION CONTROL LOGS/ GUTTER BUDDIES.
2. TREES, SHRUBS AND/OR LANDSCAPING TO BE REMOVED.

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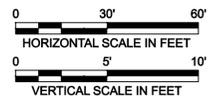
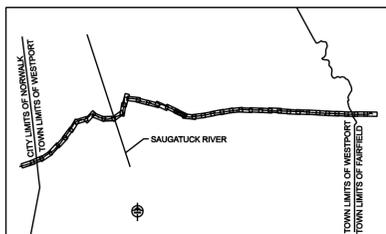
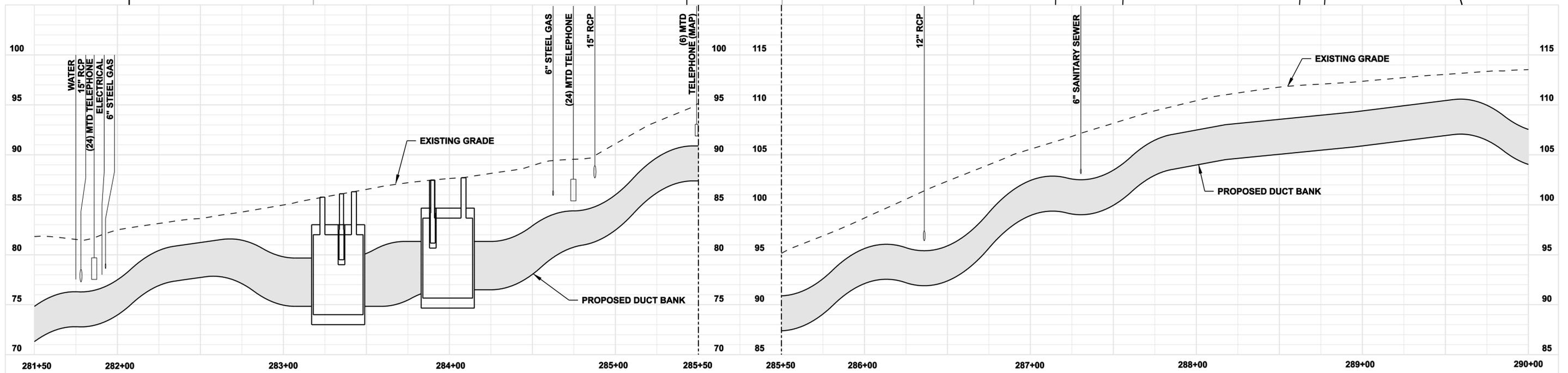
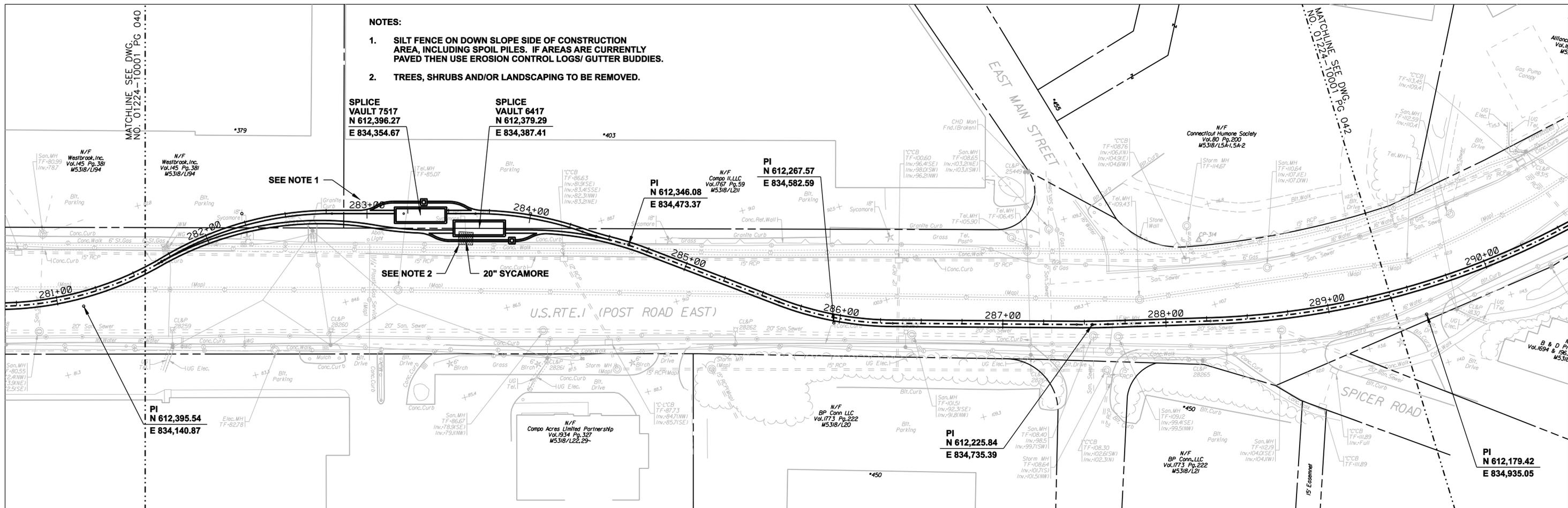
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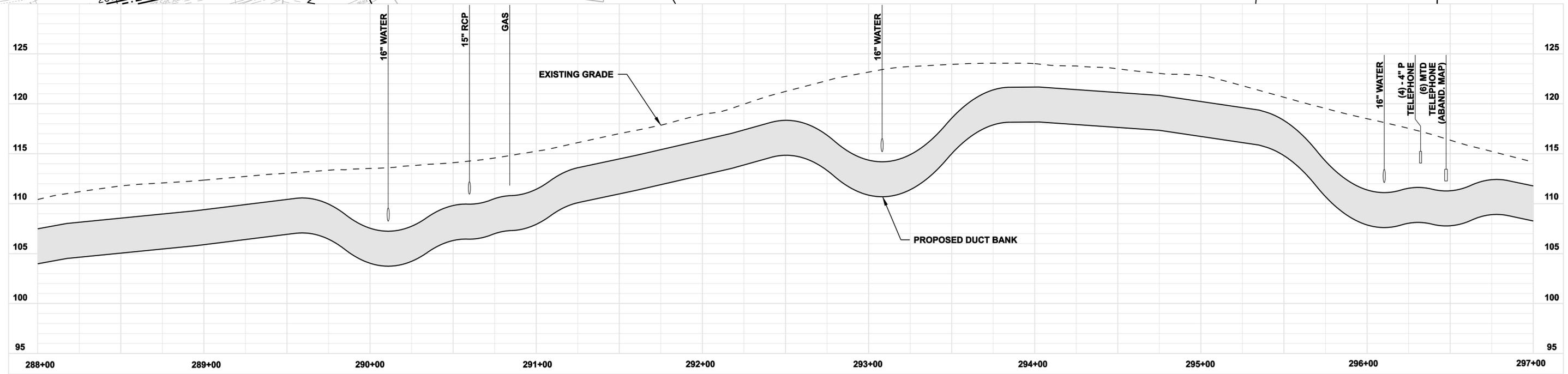
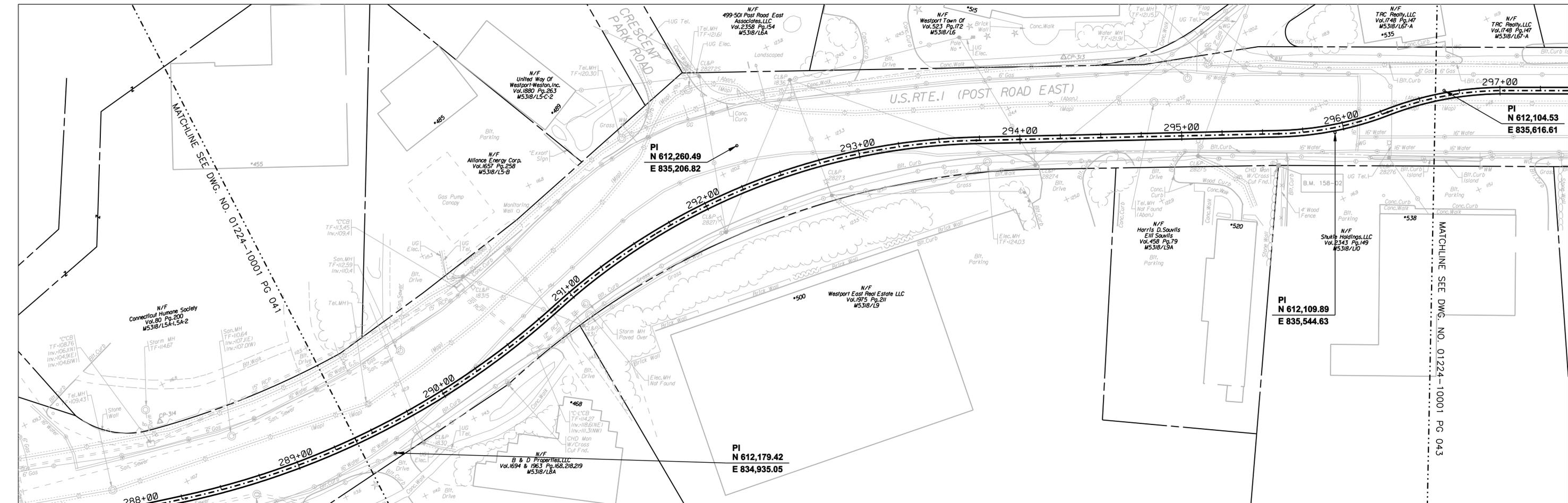
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3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
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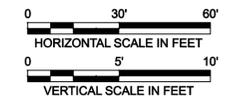
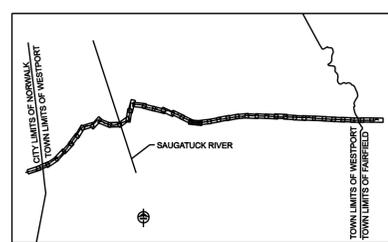


date: 11/10/05
 designed: C. COURTRIGHT
 detailed: L. ROWSE
 checked: S. NEWLAND

NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE: MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
TOWN OF WESTPORT PLAN AND PROFILE Sta. 281+50 to 290+00			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO. 01224-10001 PG 041		



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6	4/17/06	ISSUED CIVIL REVISED BID		CTC
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2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC



date 11/10/05
designed C. COURTRIGHT
detailed L. ROWSE
checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
TOWN OF WESTPORT PLAN AND PROFILE Sta. 288+00 to 297+00			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO. 01224-10001 PG 042		

NOTE:
 1. SILT FENCE ON DOWN SLOPE SIDE OF CONSTRUCTION AREA, INCLUDING SPOIL PILES. IF AREAS ARE CURRENTLY PAVED THEN USE EROSION CONTROL LOGS/ GUTTER BUDDIES.

CAR SIGN TO BE REMOVED AND RELOCATED

SEE NOTE 1
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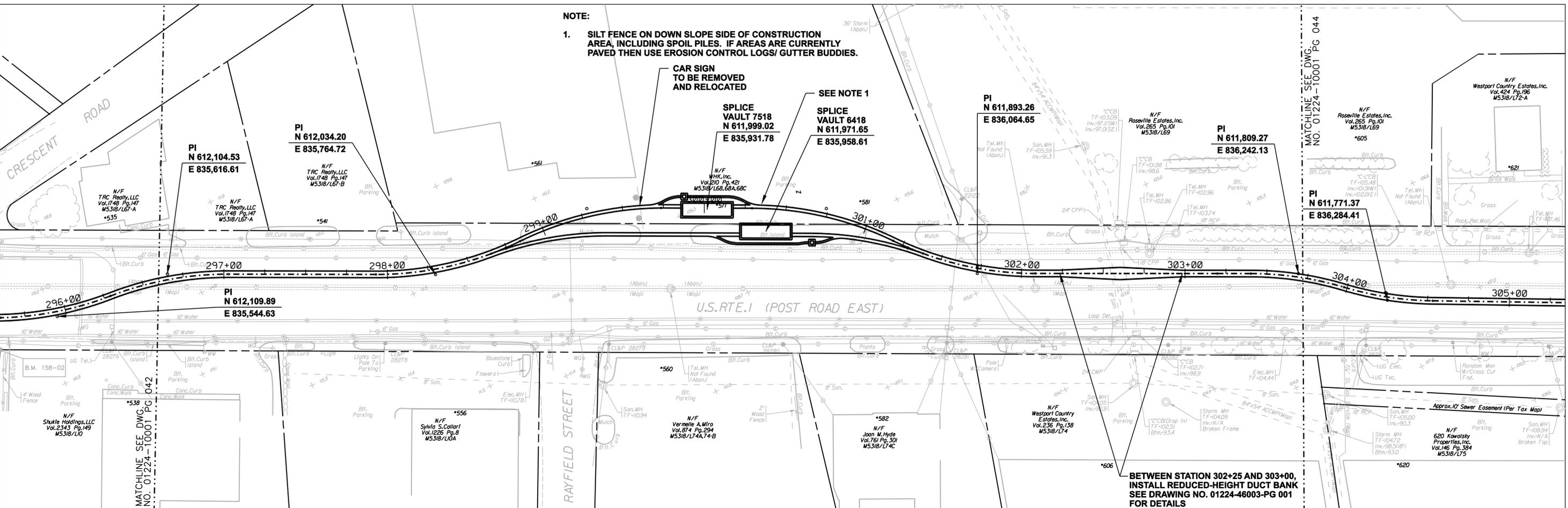
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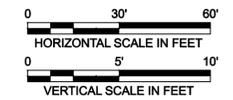
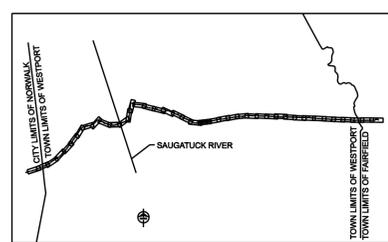
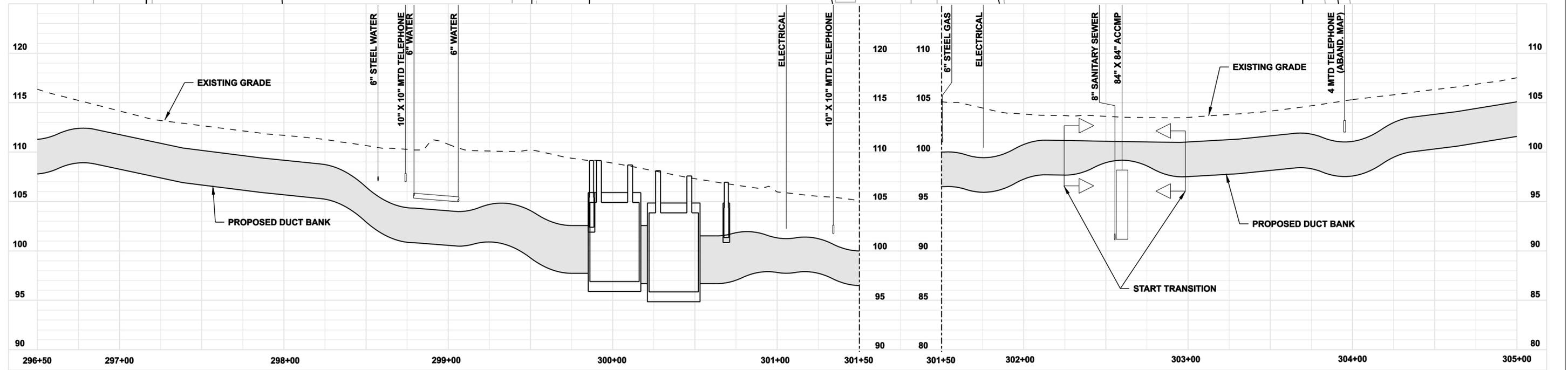
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BETWEEN STATION 302+25 AND 303+00, INSTALL REDUCED-HEIGHT DUCT BANK SEE DRAWING NO. 01224-46003-PG 001 FOR DETAILS



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no.	date	revisions	by	chk
7	5/12/06	ISSUED CSC		CTC
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3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC



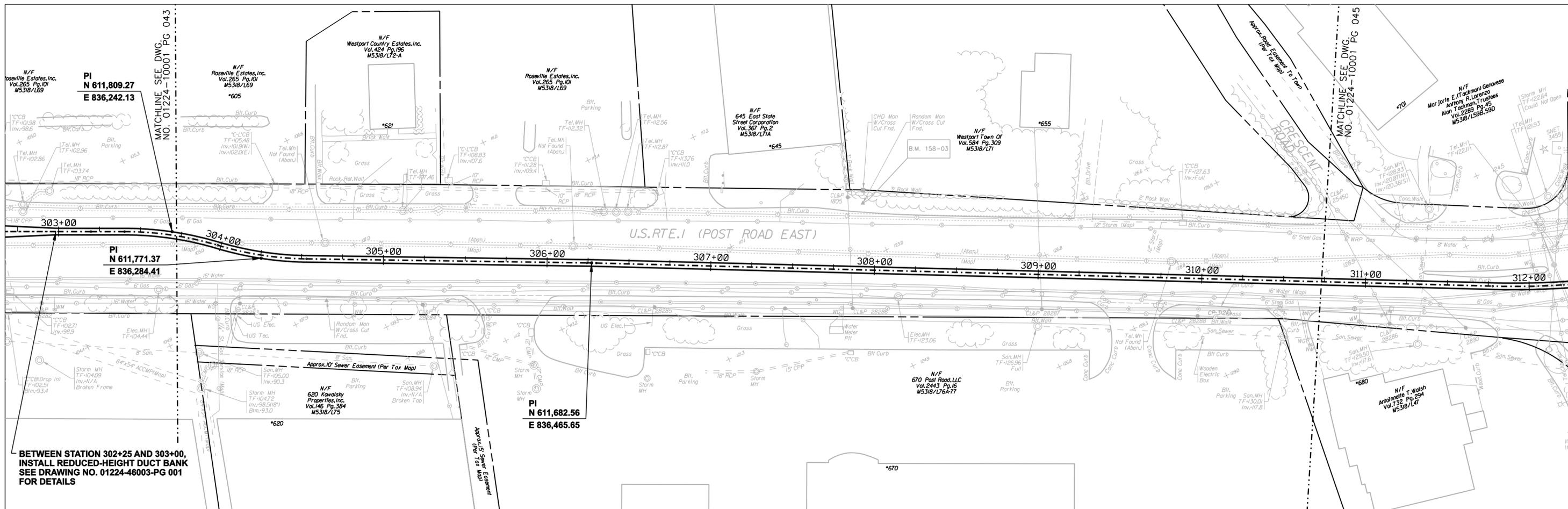
date 11/10/05
 designed C. COURTRIGHT
 detailed L. ROWSE
 checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

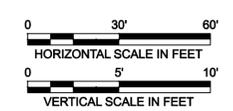
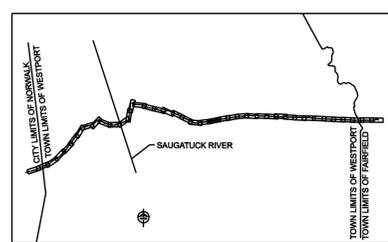
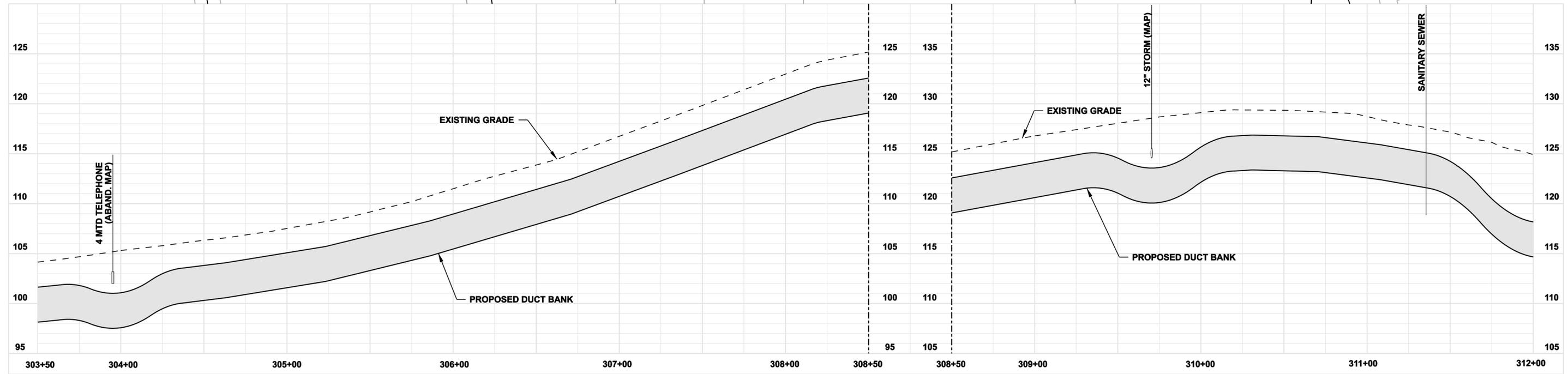
NORTHEAST UTILITIES SERVICE CO.
 FOR THE CONNECTICUT LIGHT & POWER COMPANY
 TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT
 TOWN OF WESTPORT
 PLAN AND PROFILE Sta. 296+50 to 305+00

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 043	

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BETWEEN STATION 302+25 AND 303+00, INSTALL REDUCED-HEIGHT DUCT BANK SEE DRAWING NO. 01224-46003-PG 001 FOR DETAILS



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no.	date	revisions	by	chk
7	5/12/06	ISSUED CSC		CTC
6	4/17/06	ISSUED CIVIL REVISED BID		CTC
5	4/17/06	ISSUED CABLE RFP		CTC
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3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC

Burns & McDonnell
SINCE 1898

date: 11/10/05
designed: C. COURTRIGHT
detailed: L. ROWSE
checked: S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

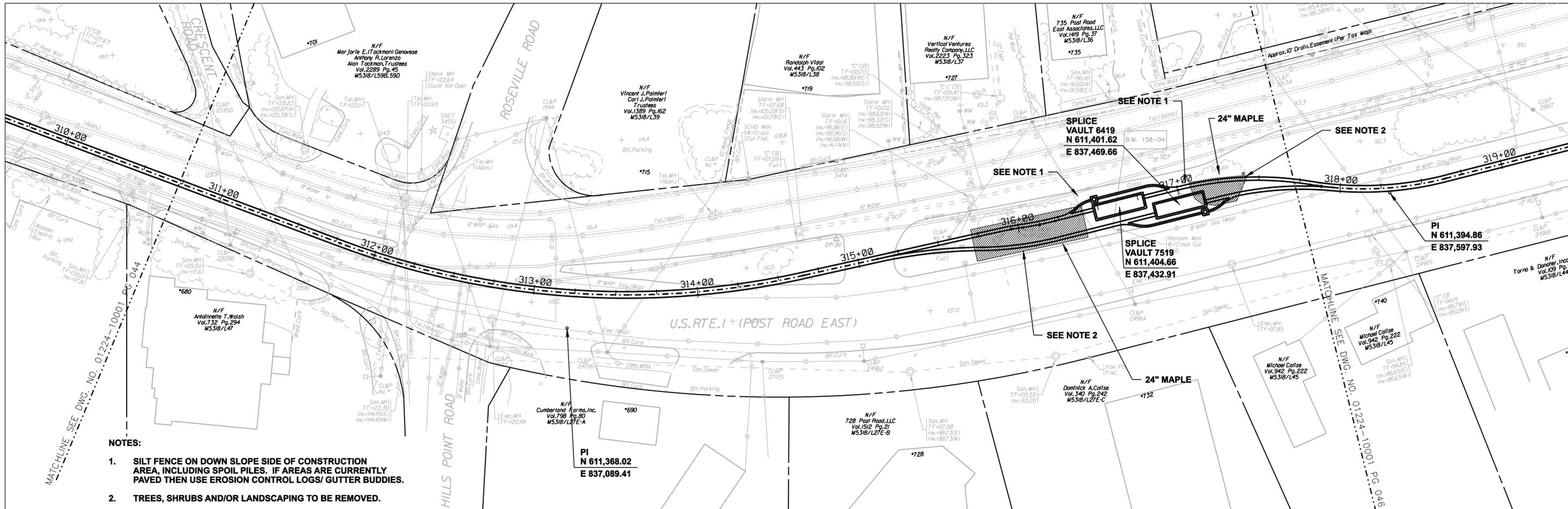
FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE: MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

TOWN OF WESTPORT
PLAN AND PROFILE Sta. 303+50 to 312+00

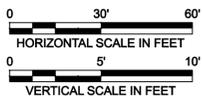
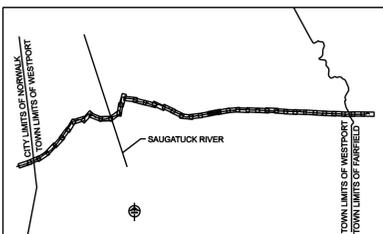
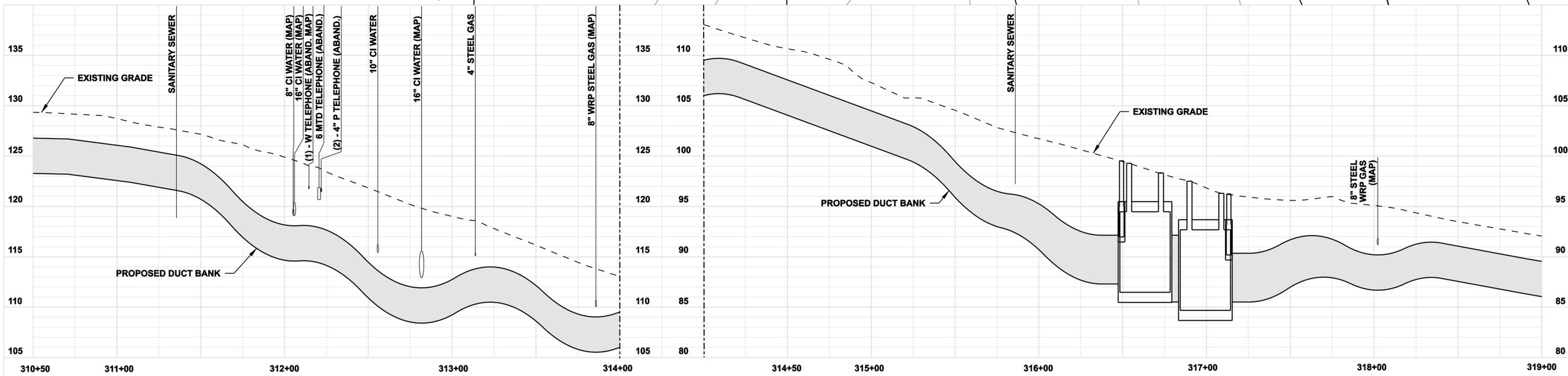
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 044	

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NOTES:

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2. TREES, SHRUBS AND/OR LANDSCAPING TO BE REMOVED.



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6	4/17/06	ISSUED CIVIL REVISED BID		CTC
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3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC

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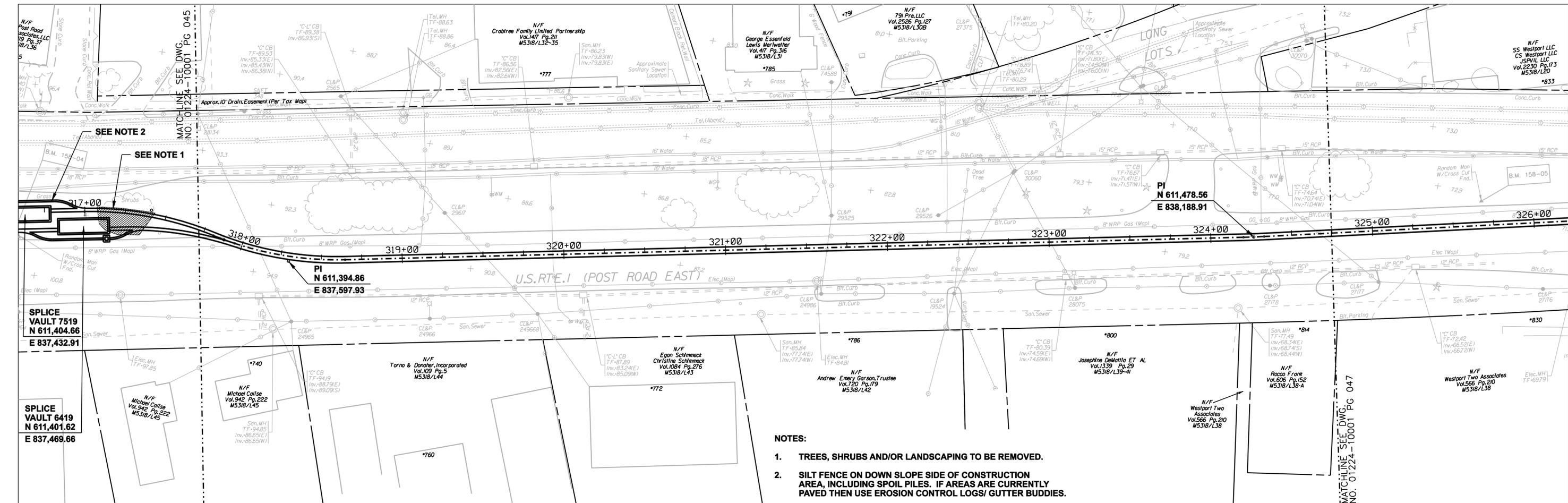
date: 11/10/05
designed: C. COURTRIGHT
detailed: L. ROWSE
checked: S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

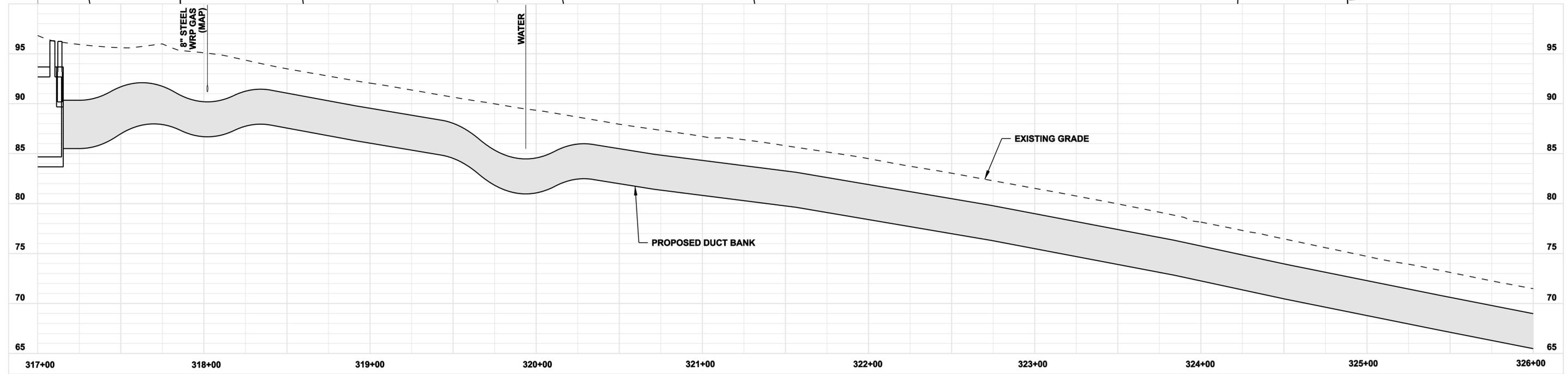
NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY
TITLE: MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT
TOWN OF WESTPORT
PLAN AND PROFILE Sta. 310+50 to 319+00

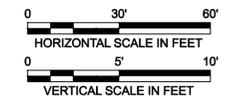
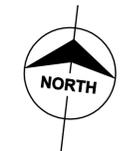
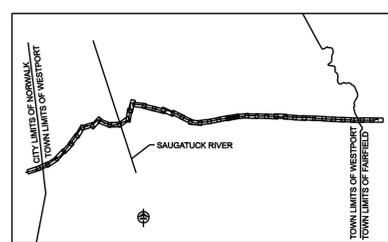
BY	SEN-BMCD	CHKD	APP	APP
DATE	2-5-05	DATE	DATE	DATE
SCALE	AS NOTED	DWG. NO.	01224-10001 PG 045	



- NOTES:**
- TREES, SHRUBS AND/OR LANDSCAPING TO BE REMOVED.
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3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC



date 11/10/05
designed C. COURTRIGHT
detailed L. ROWSE
checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

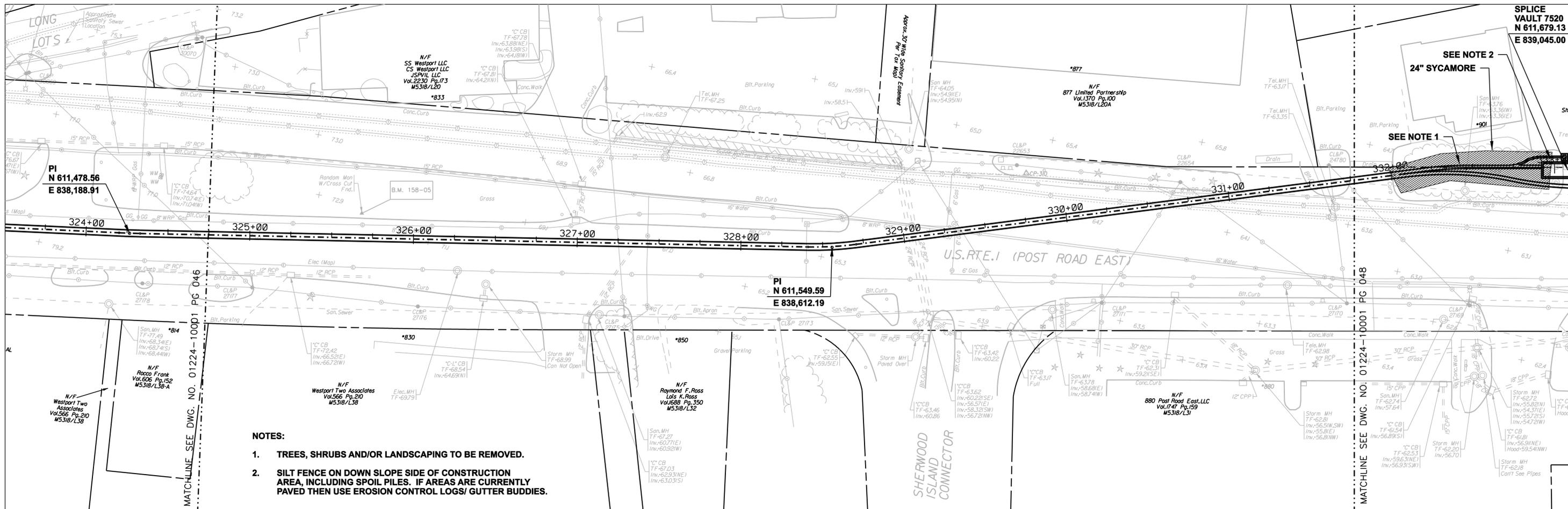
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FOR THE CONNECTICUT LIGHT & POWER COMPANY

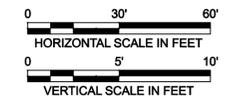
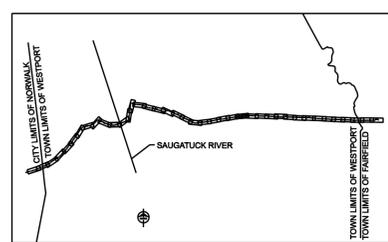
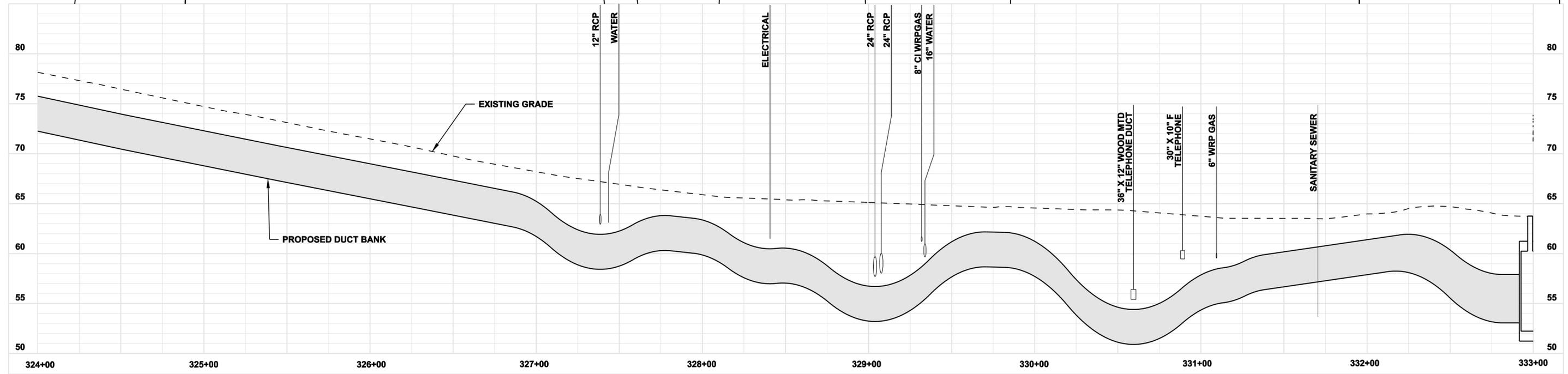
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

TOWN OF WESTPORT
PLAN AND PROFILE Sta. 317+00 to 326+00

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO. 01224-10001 PG 046		



- NOTES:**
1. TREES, SHRUBS AND/OR LANDSCAPING TO BE REMOVED.
 2. SILT FENCE ON DOWN SLOPE SIDE OF CONSTRUCTION AREA, INCLUDING SPOIL PILES. IF AREAS ARE CURRENTLY PAVED THEN USE EROSION CONTROL LOGS/ GUTTER BUDDIES.



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2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC



date 11/10/05
designed C. COURTRIGHT
detailed L. ROWSE
checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

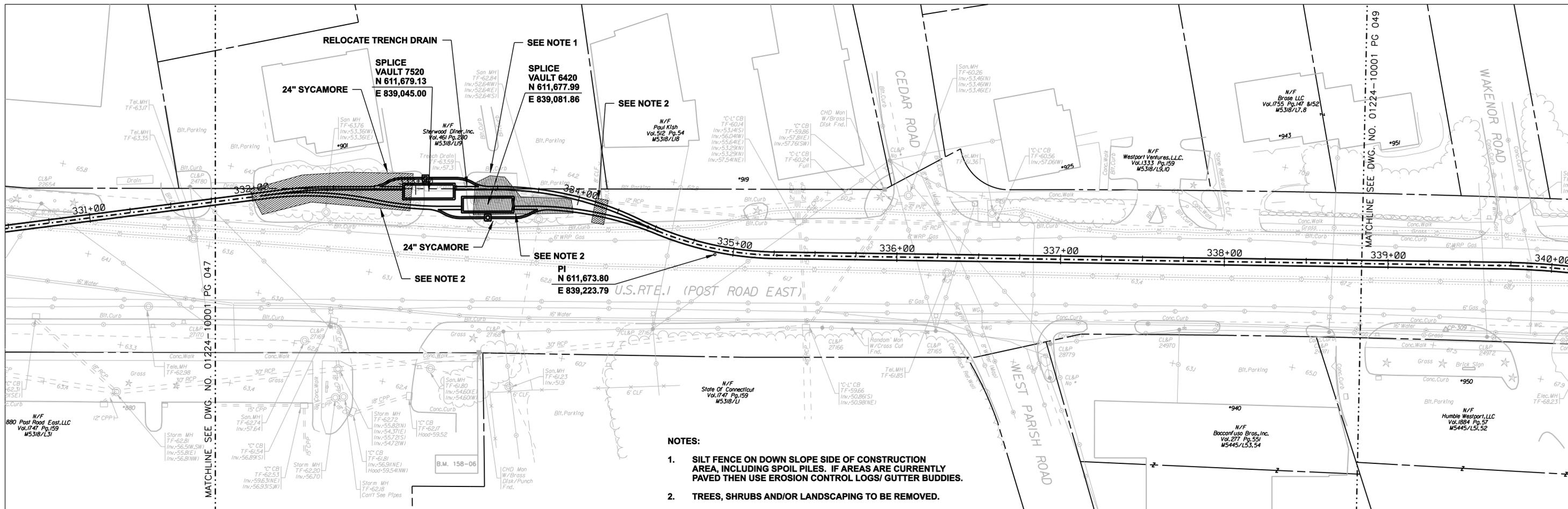
FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

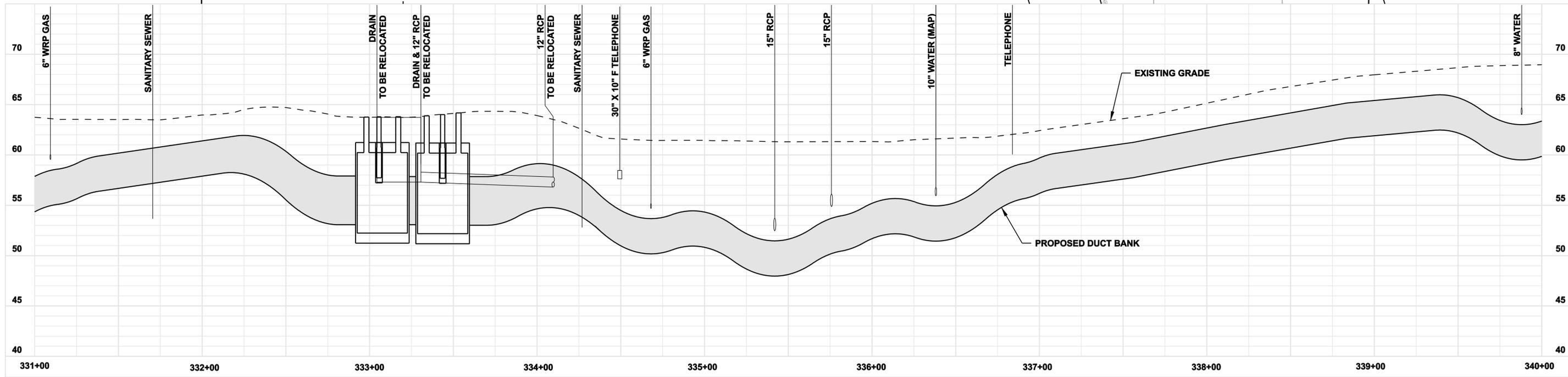
TOWN OF WESTPORT
PLAN AND PROFILE Sta. 324+00 to 333+00

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 047	

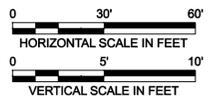
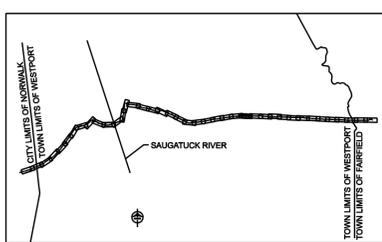
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- NOTES:**
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 - TREES, SHRUBS AND/OR LANDSCAPING TO BE REMOVED.**



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2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC

Burns & McDonnell
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date: 11/10/05
designed: C. COURTRIGHT
detailed: L. ROWSE
checked: S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

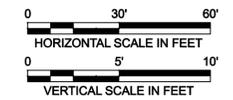
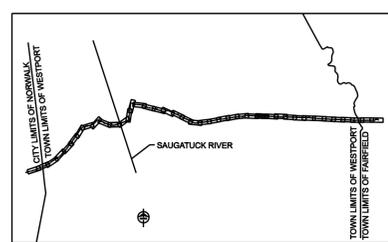
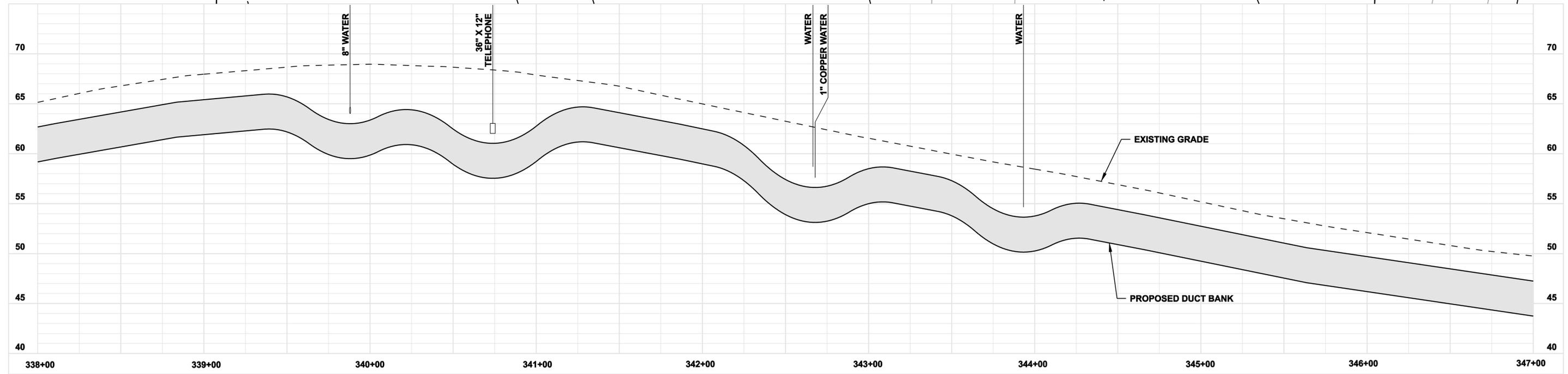
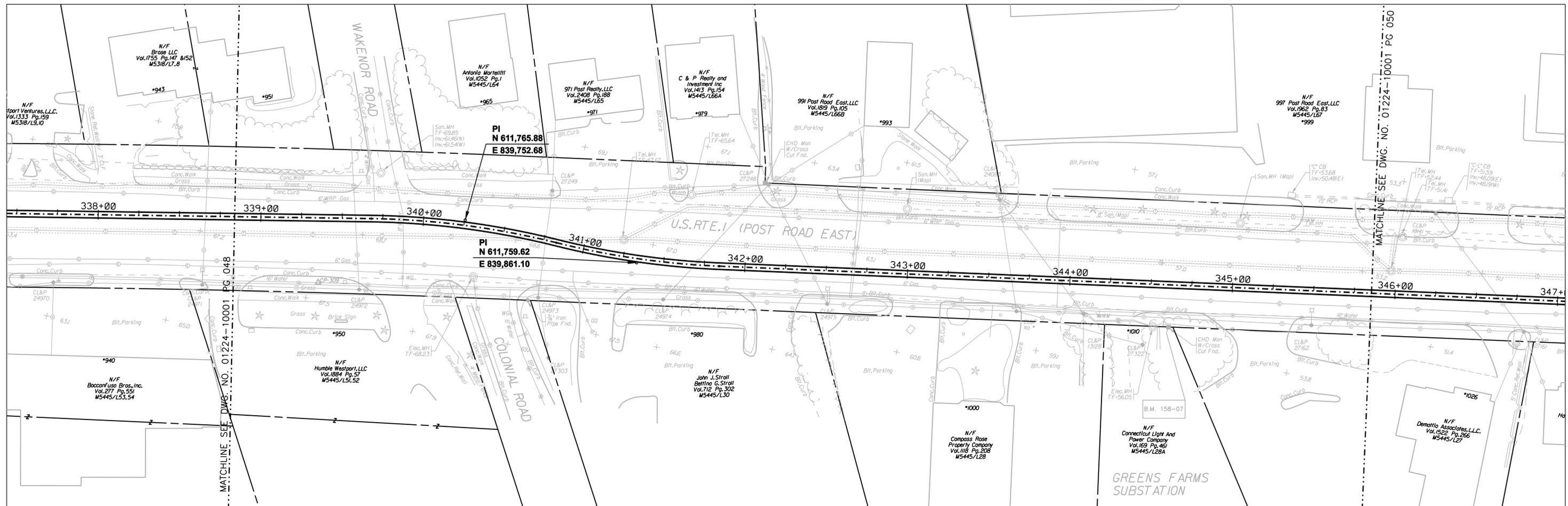
FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE: MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

TOWN OF WESTPORT
PLAN AND PROFILE Sta. 331+00 to 340+00

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 048	

MATCHLINE SEE DWG. NO. 01224-10001 PG 050



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DOCKET No. 272

no.	date	revisions	by	chk
7	5/12/06	ISSUED CSC		CTC
6	4/17/06	ISSUED CIVIL REVISED BID		CTC
5	4/17/06	ISSUED CABLE RFP		CTC
4	4/17/06	ISSUED NU 3RD REVIEW		CTC
3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC



Burns & McDonnell
SINCE 1898

date	11/10/05	detailed	L. ROWSE
designed	C. COURTRIGHT	checked	S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

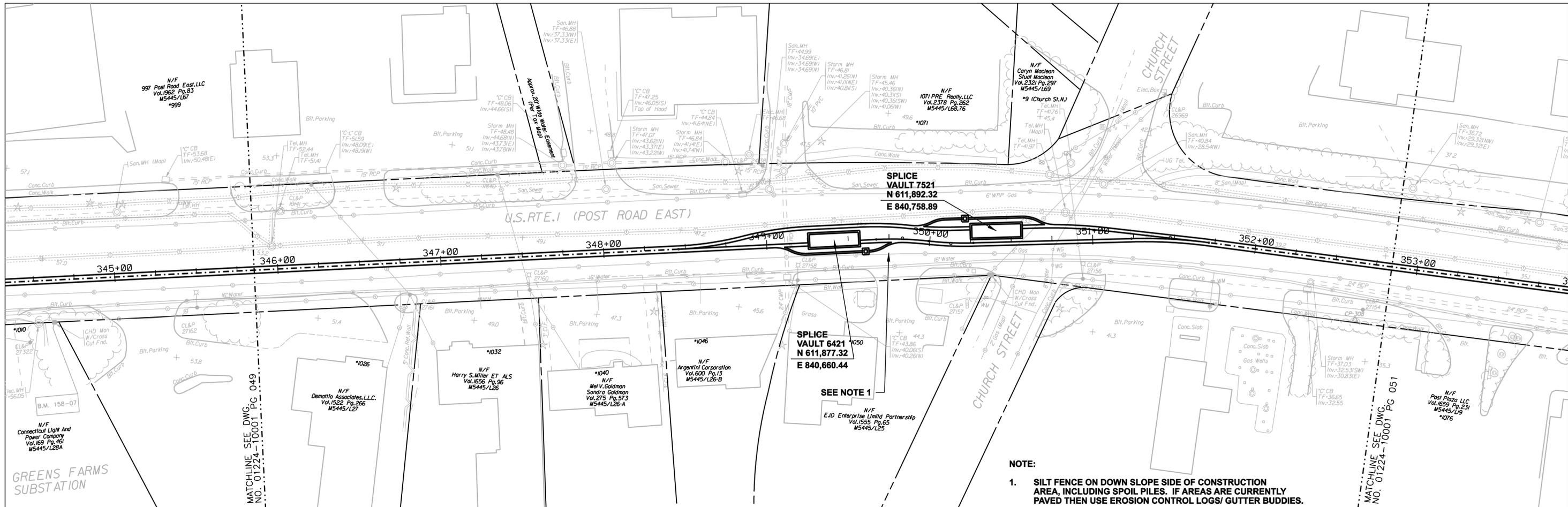
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TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

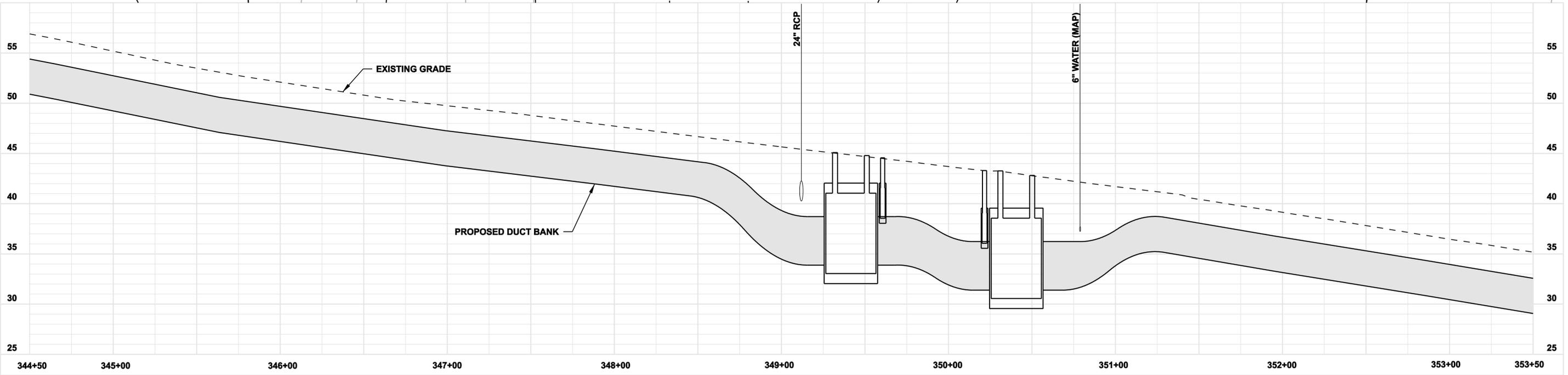
TOWN OF WESTPORT
PLAN AND PROFILE Sta. 338+00 to 347+00

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO.	01224-10001 PG 049

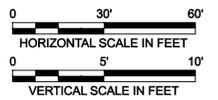
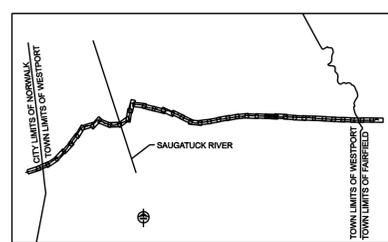
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NOTE:
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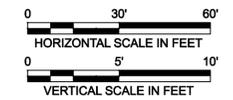
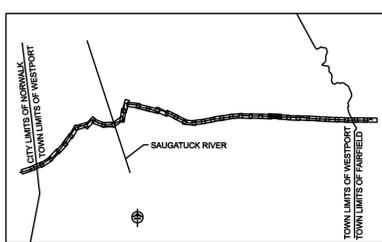
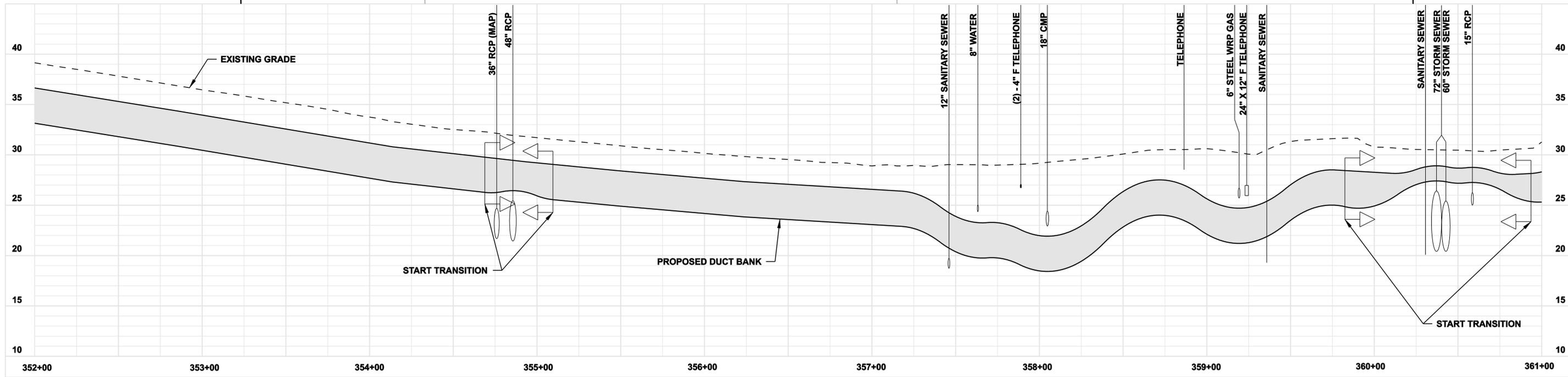
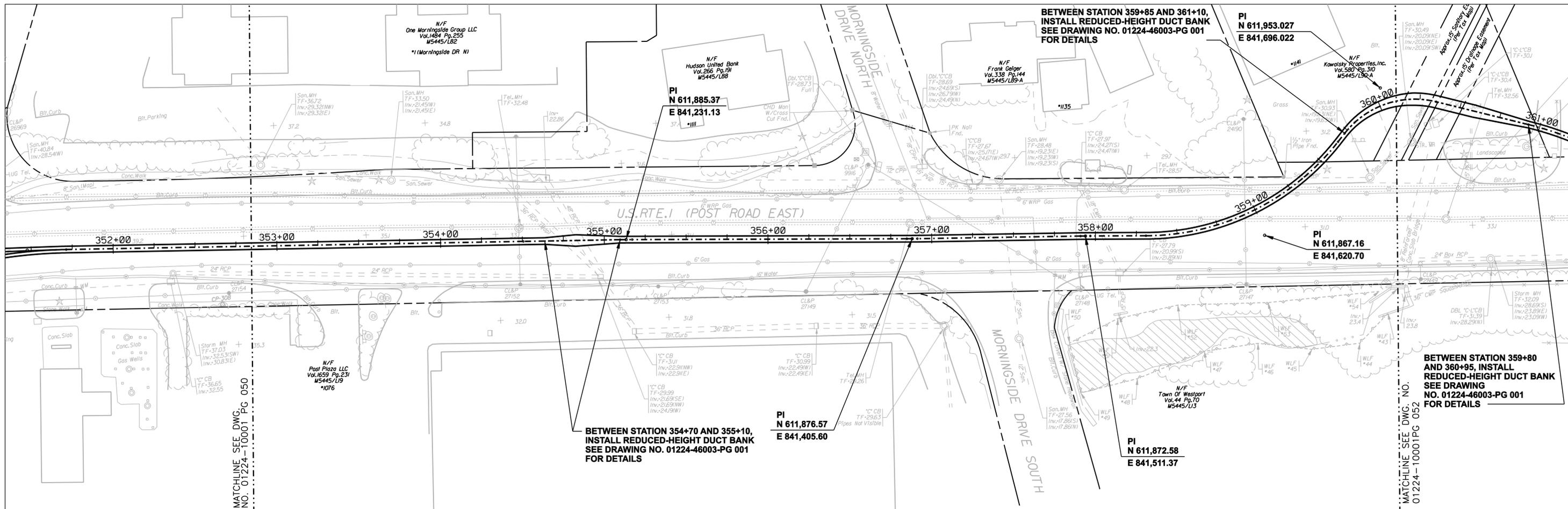
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4	4/17/06	ISSUED NU 3RD REVIEW		CTC
3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC



date 11/10/05
 designed C. COURTRIGHT
 detailed L. ROWSE
 checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
TOWN OF WESTPORT PLAN AND PROFILE Sta. 344+50 to 353+50			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO. 01224-10001 PG 050		



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3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC

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date 11/10/05 detailed L. ROWSE
designed C. COURTRIGHT checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

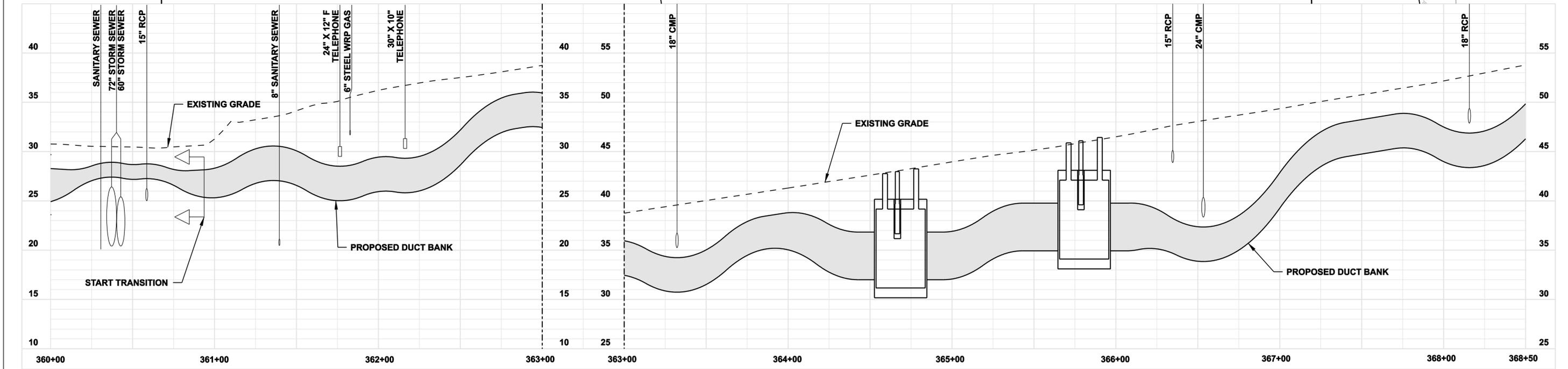
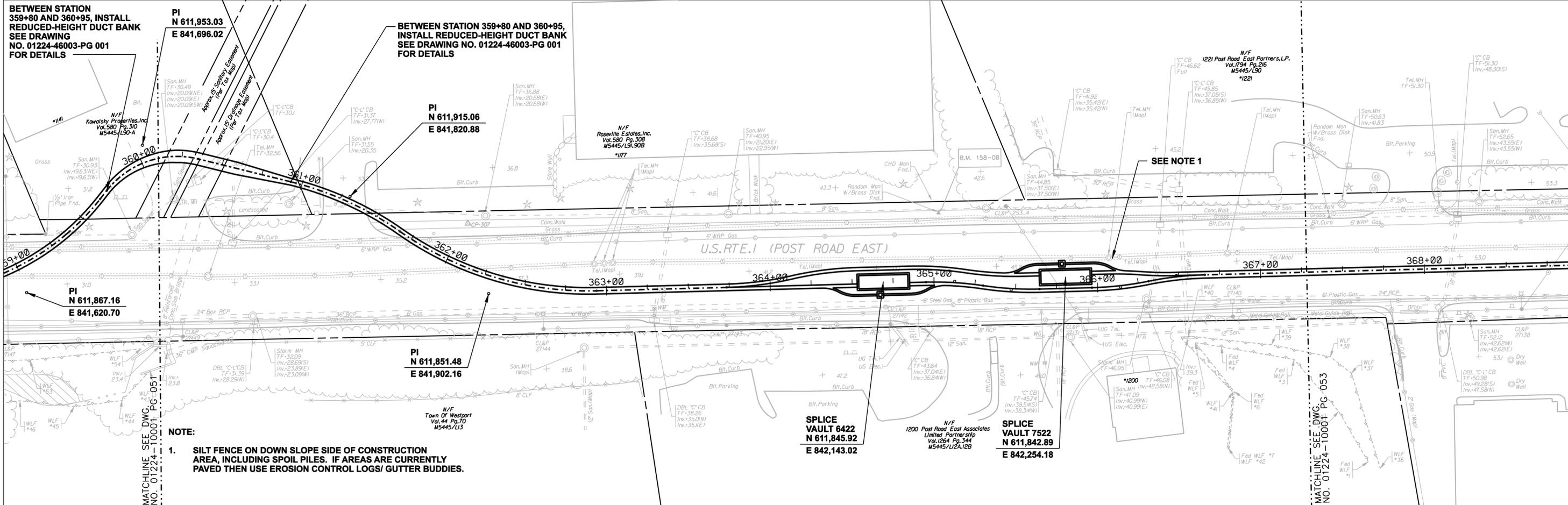
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TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

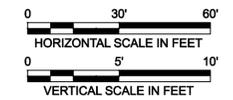
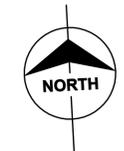
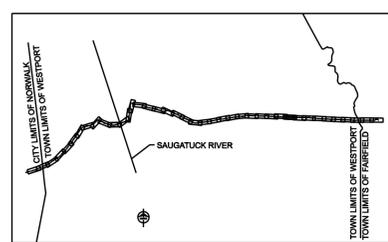
TOWN OF WESTPORT
PLAN AND PROFILE Sta. 352+00 to 361+00

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 051	

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3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC

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date 11/10/05 detailed L. ROWSE
 designed C. COURTRIGHT checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

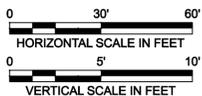
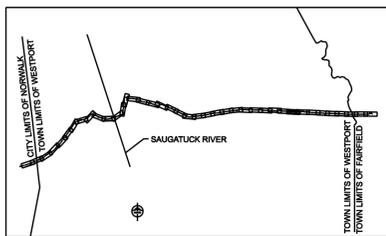
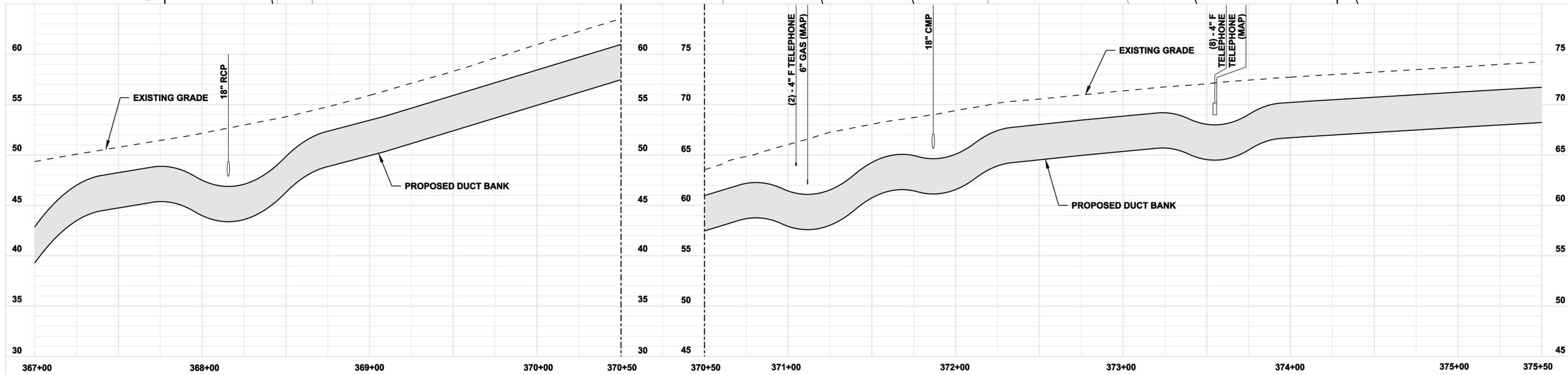
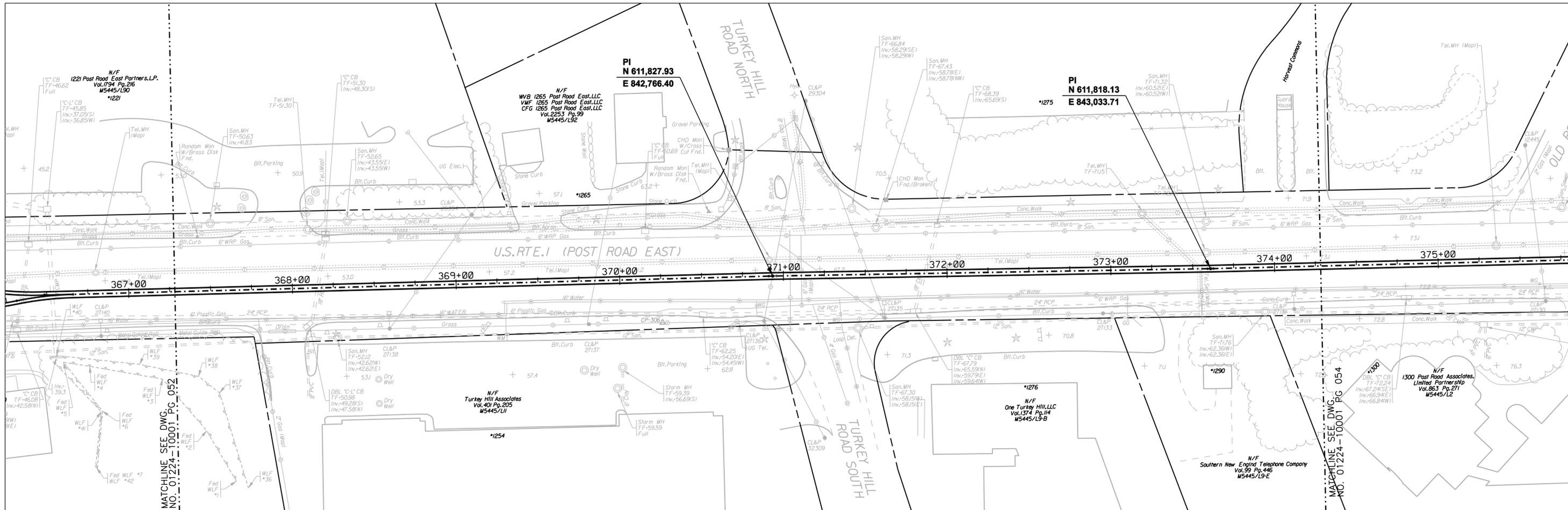
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

TOWN OF WESTPORT
 PLAN AND PROFILE Sta. 360+00 to 368+50

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 052	

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4	4/17/06	ISSUED NU 3RD REVIEW		CTC
3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC

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date	11/10/05	detailed	L. ROWSE
designed	C. COURTRIGHT	checked	S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

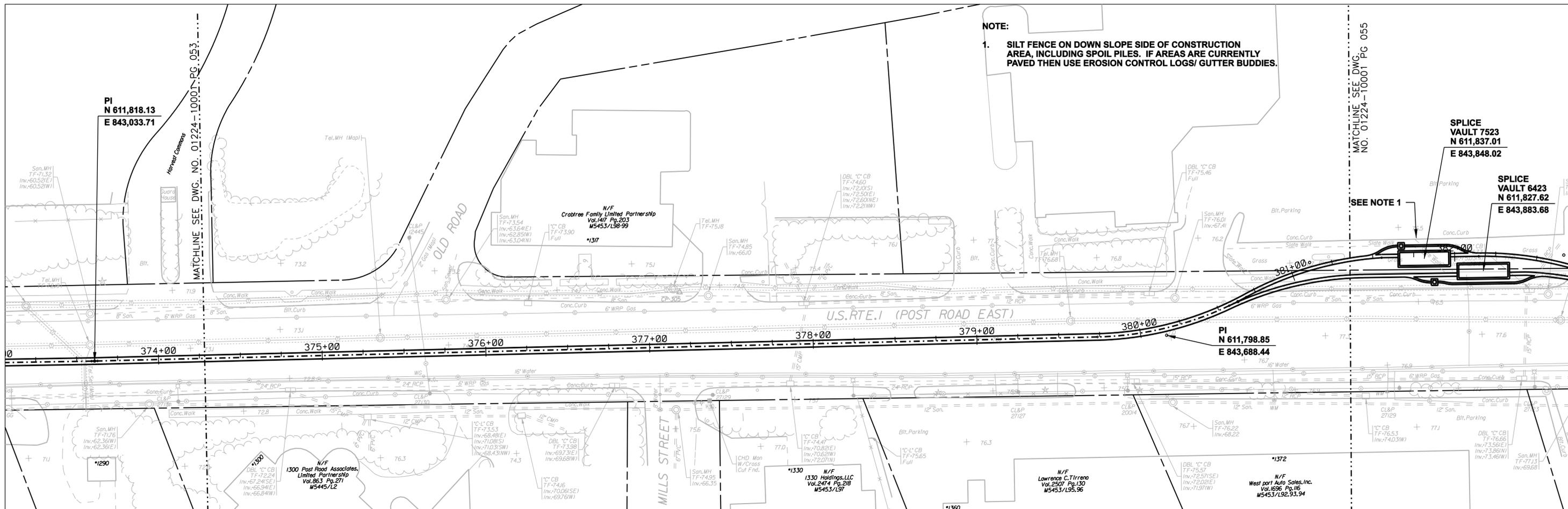
FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

TOWN OF WESTPORT
PLAN AND PROFILE Sta. 367+00 to 375+50

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
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MATCHLINE SEE DWG. NO. 01224-10001 PG 055

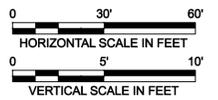
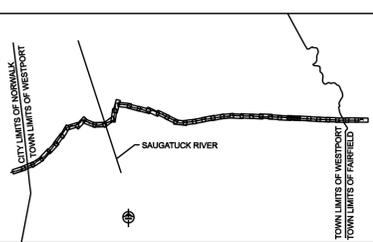
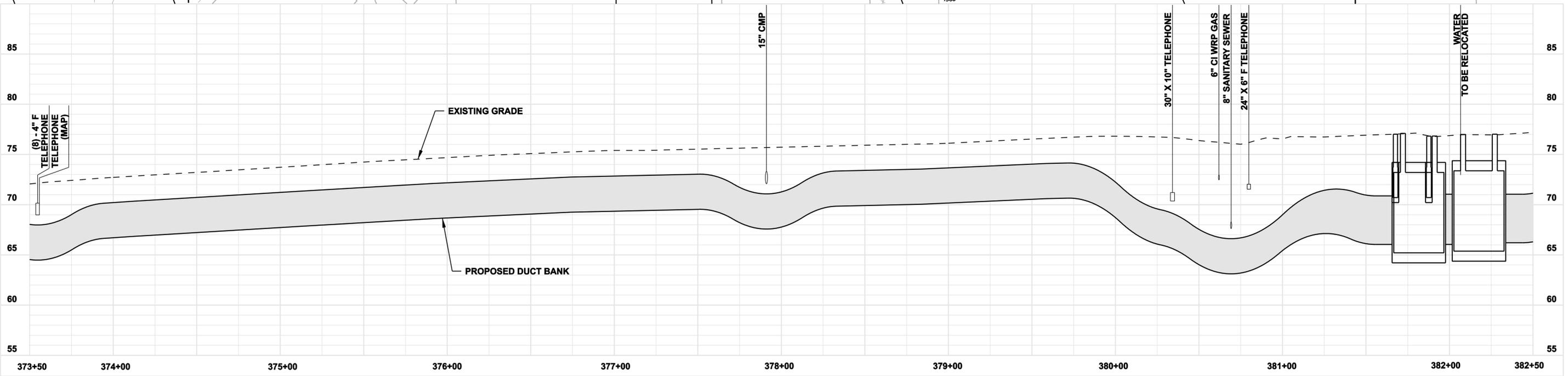
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3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC



date 11/10/05
 designed C. COURTRIGHT
 detailed L. ROWSE
 checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

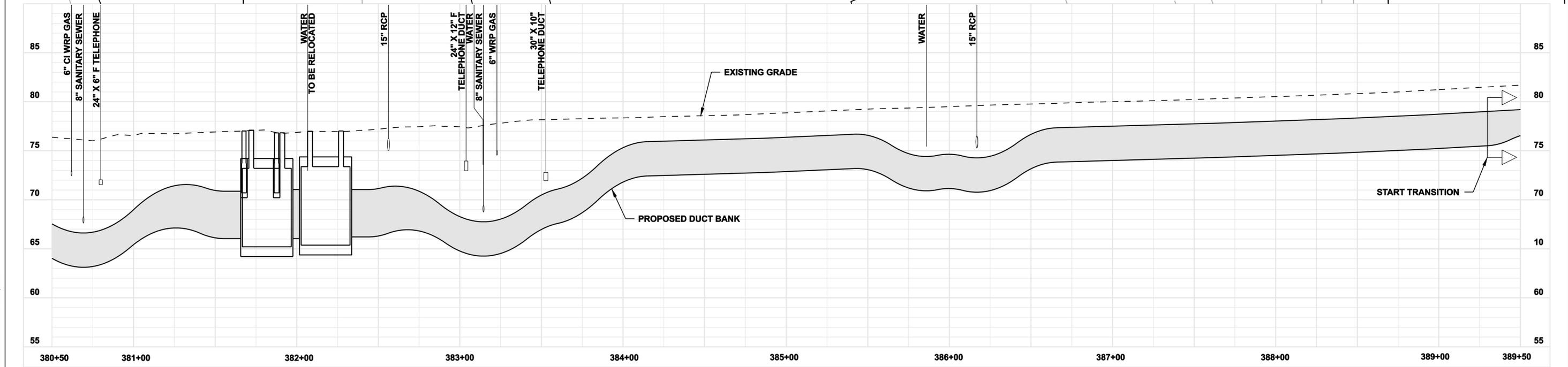
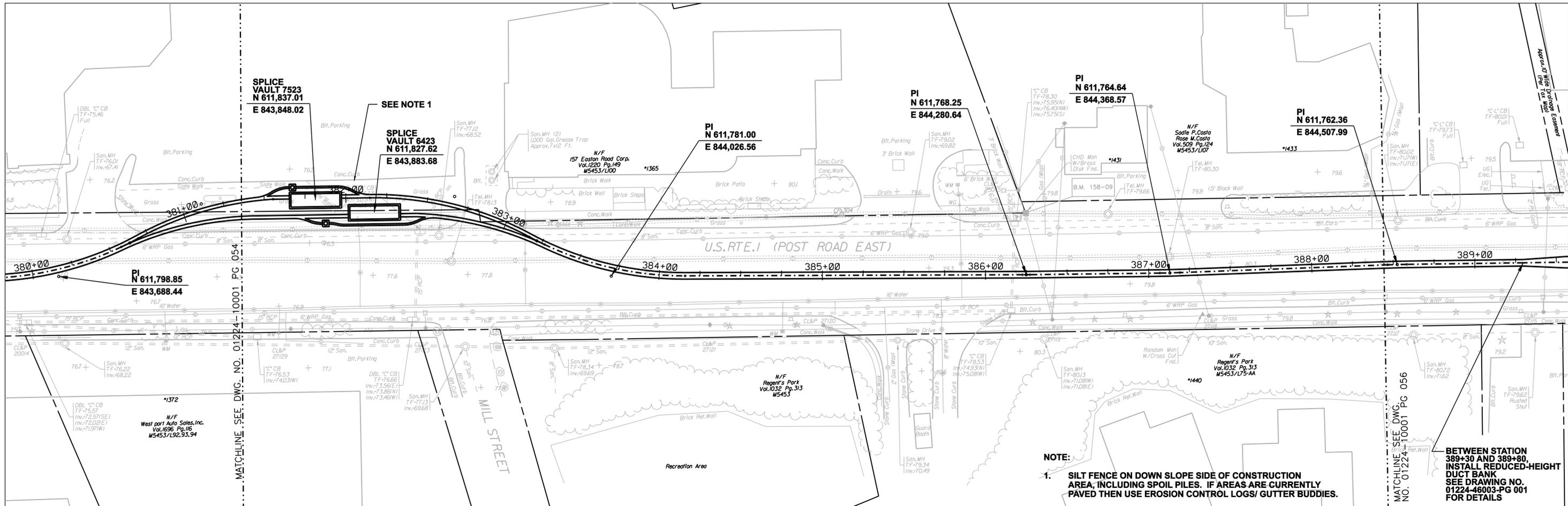
NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

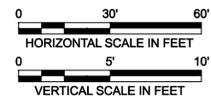
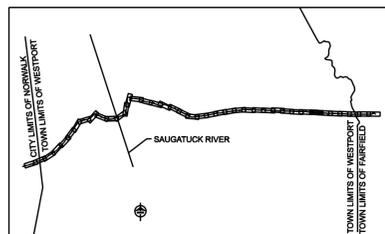
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

TOWN OF WESTPORT
 PLAN AND PROFILE Sta. 373+50 to 382+50

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO. 01224-10001 PG 054		



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2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC



date 11/10/05
designed C. COURTRIGHT
detailed J. TARR
checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

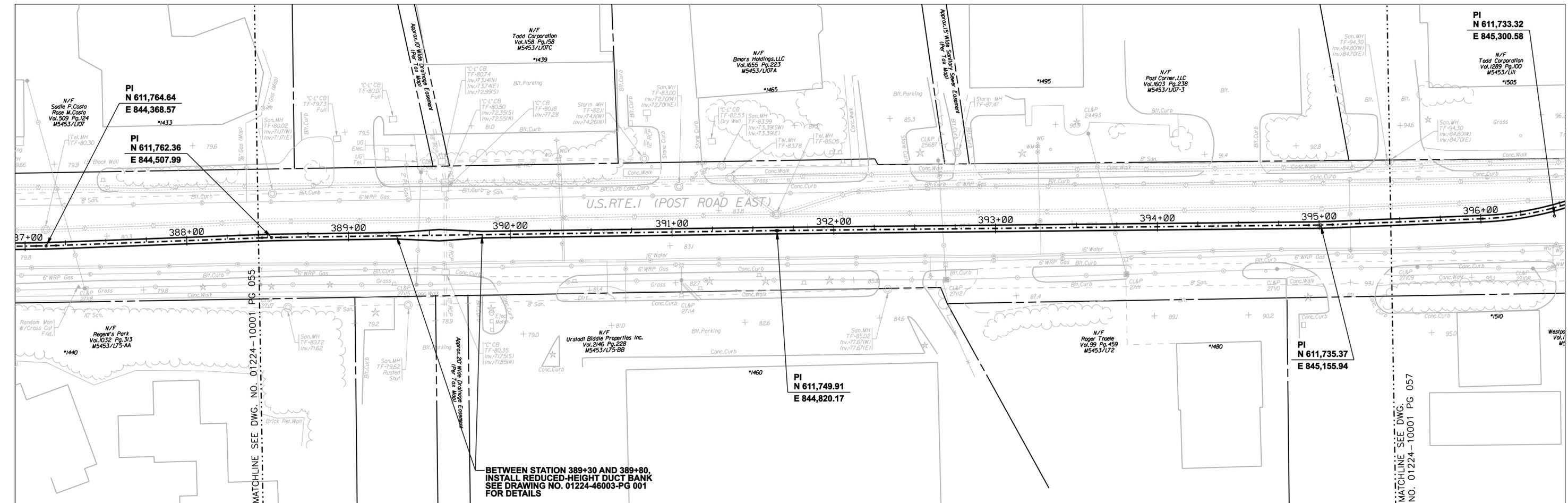
NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

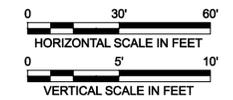
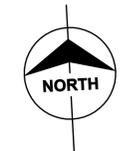
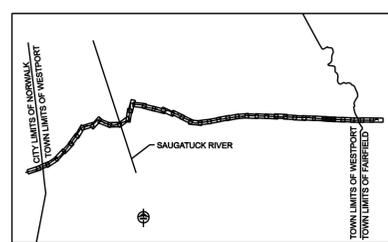
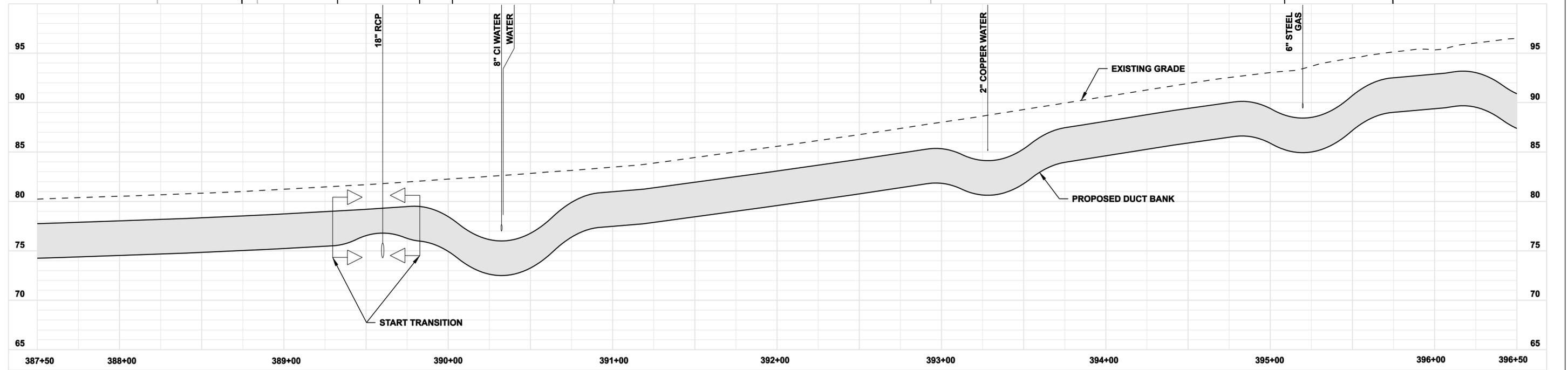
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TOWN OF WESTPORT
PLAN AND PROFILE Sta. 380+50 to 389+50

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED		DWG. NO.	
	D	01224-10001 PG 055	



**BETWEEN STATION 389+30 AND 389+80,
INSTALL REDUCED-HEIGHT DUCT BANK
SEE DRAWING NO. 01224-46003-PG 001
FOR DETAILS**



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DOCKET No. 272

no.	date	revisions	by	chk
7	5/12/06	ISSUED CSC		CTC
6	4/17/06	ISSUED CIVIL REVISED BID		CTC
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3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC

Burns & McDonnell
SINCE 1898

date: 11/10/05
designed: C. COURTRIGHT

detailed: L. ROWSE
checked: S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

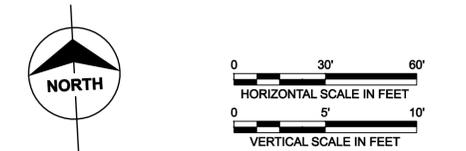
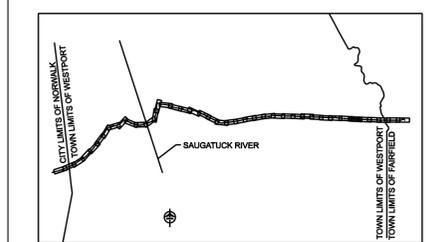
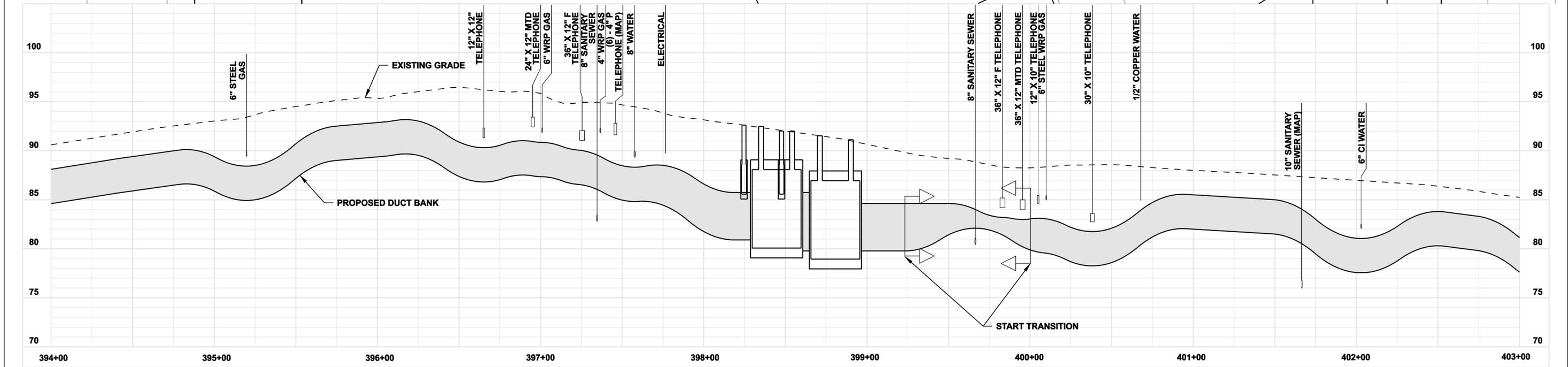
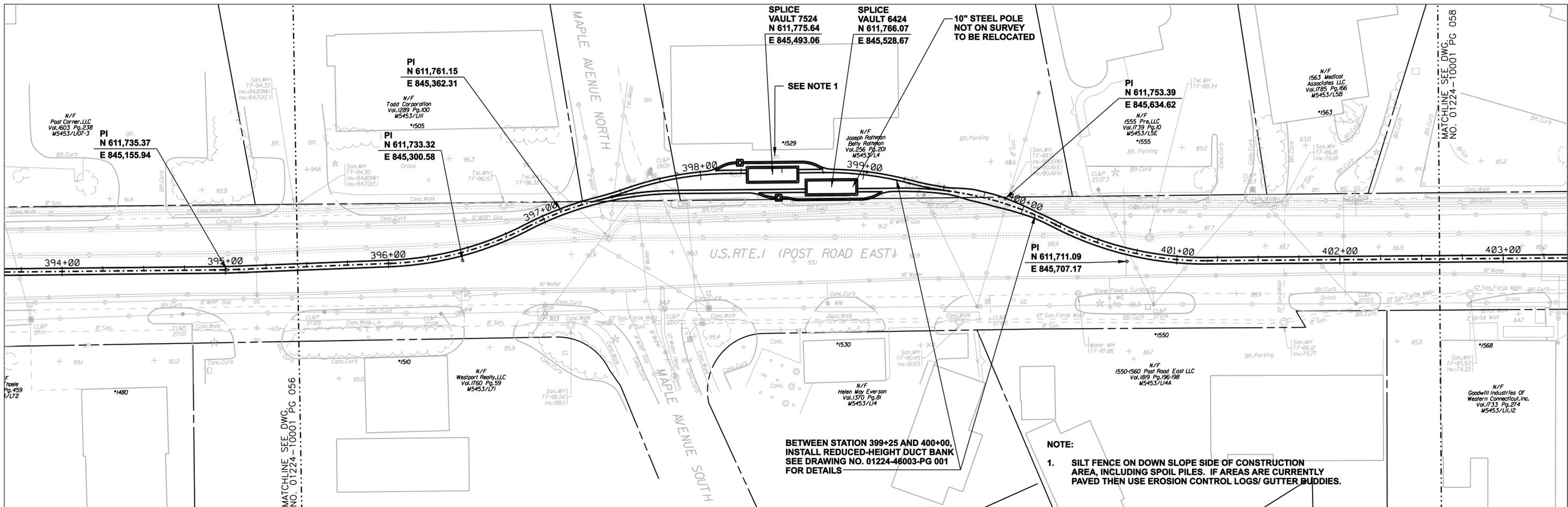
FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE: MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

TOWN OF WESTPORT
PLAN AND PROFILE Sta. 387+50 to 396+50

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 056	

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3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
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1	11/10/05	ISSUED 60% PRELIMINARY		CTC



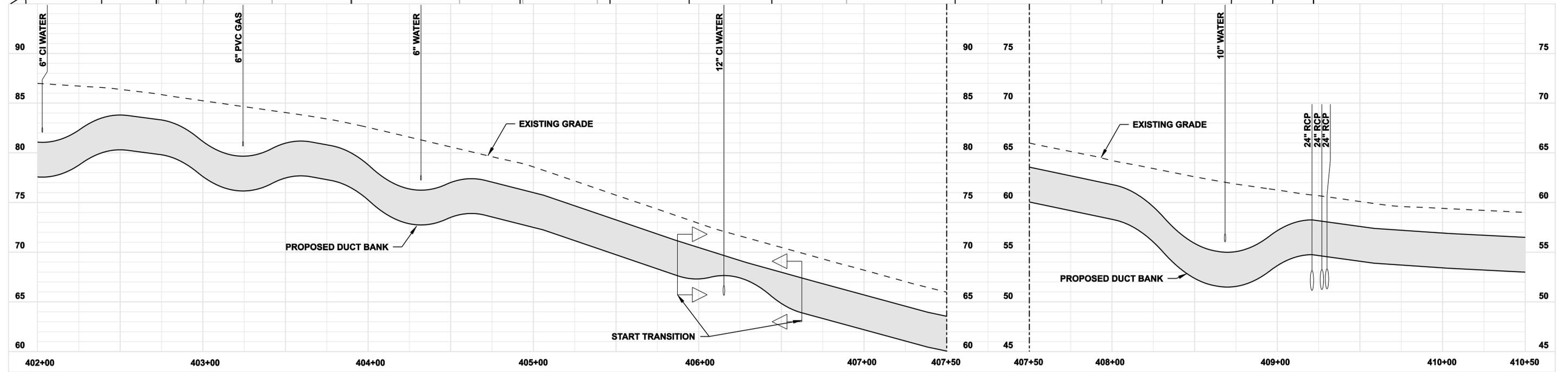
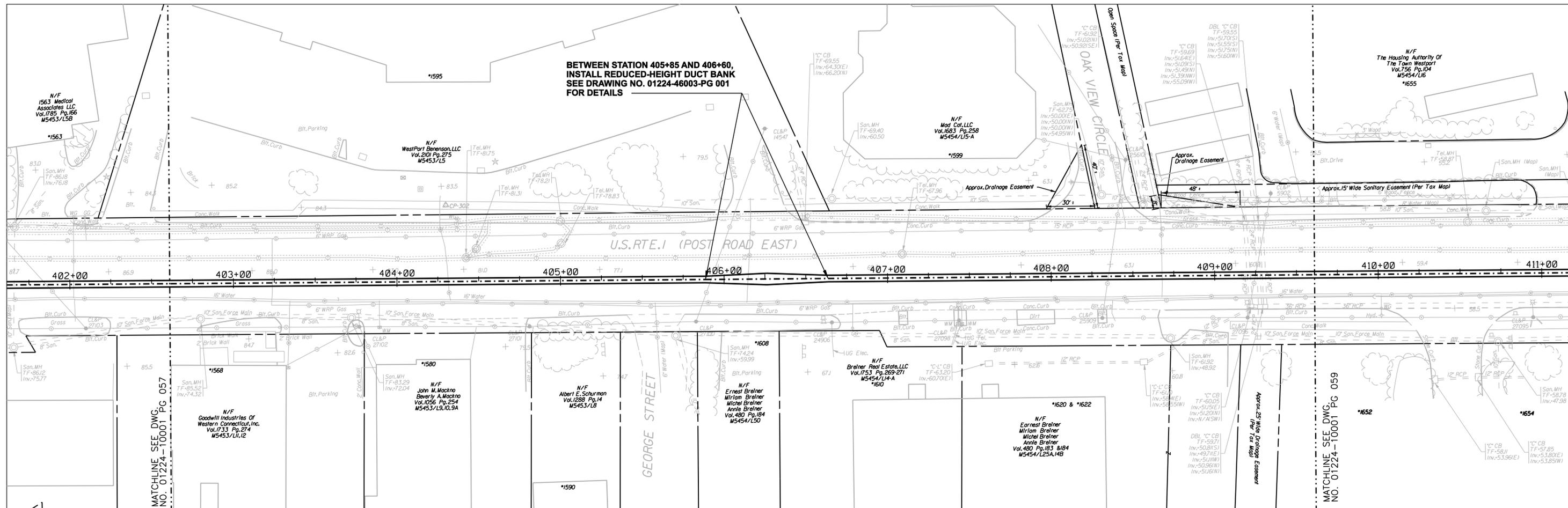
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designed C. COURTRIGHT
detailed L. ROWSE
checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

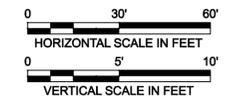
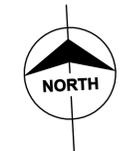
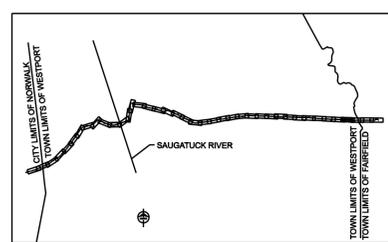
NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
TOWN OF WESTPORT PLAN AND PROFILE Sta. 394+00 to 403+00			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 057	

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**BETWEEN STATION 405+85 AND 406+60,
INSTALL REDUCED-HEIGHT DUCT BANK
SEE DRAWING NO. 01224-46003-PG 001
FOR DETAILS**



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7	5/12/06	ISSUED CSC		CTC
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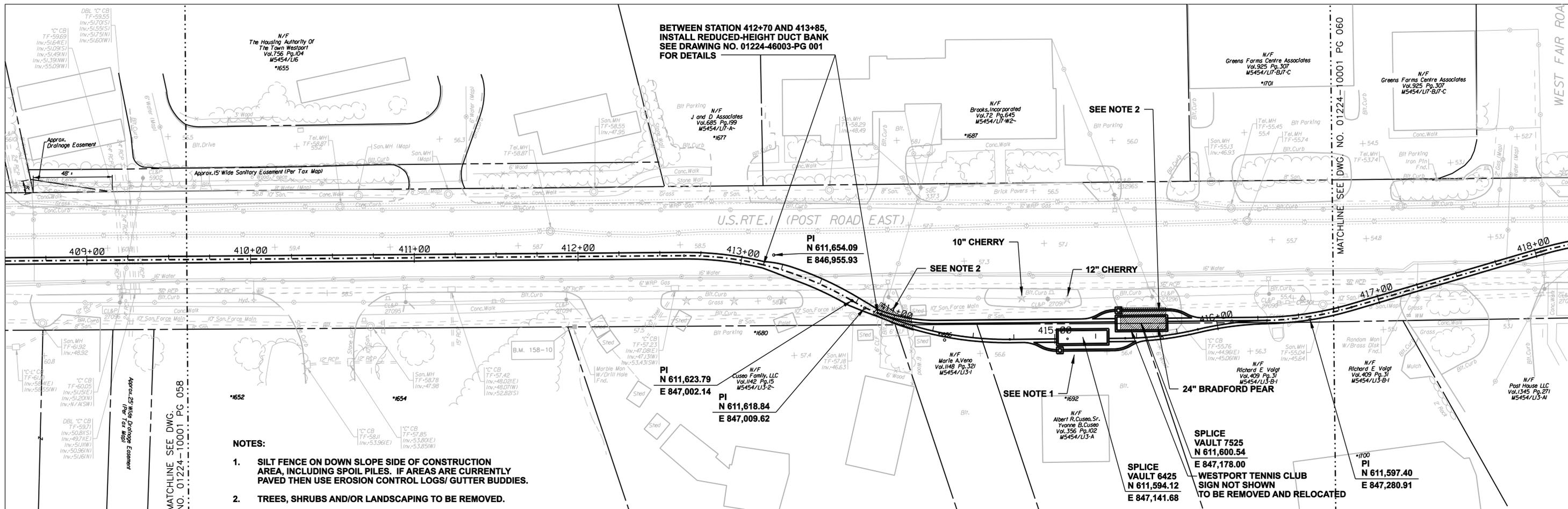


date 11/10/05
designed C. COURTRIGHT
detailed L. ROWSE
checked S. NEWLAND

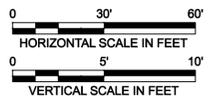
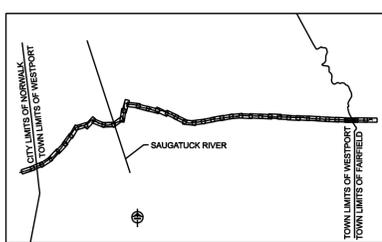
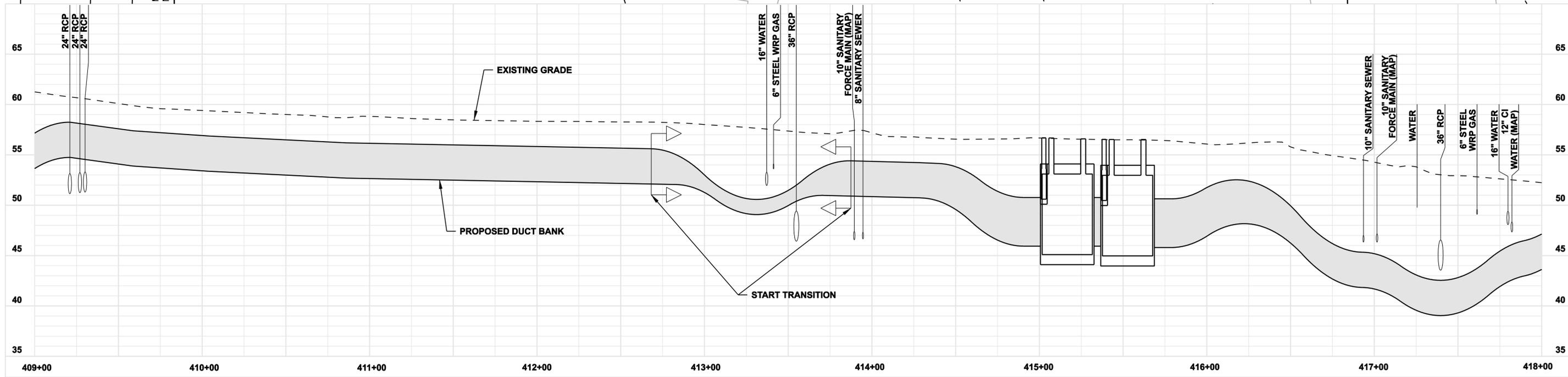
MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
TOWN OF WESTPORT PLAN AND PROFILE Sta. 402+00 to 410+50			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO. 01224-10001 PG 058		

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- NOTES:**
1. SILT FENCE ON DOWN SLOPE SIDE OF CONSTRUCTION AREA, INCLUDING SPOIL PILES. IF AREAS ARE CURRENTLY PAVED THEN USE EROSION CONTROL LOGS/ GUTTER BUDDIES.
 2. TREES, SHRUBS AND/OR LANDSCAPING TO BE REMOVED.



**FOR REFERENCE ONLY
NOT FOR CONSTRUCTION**

DOCKET No. 272

no.	date	revisions	by	chk
7	5/12/06	ISSUED CSC		CTC
6	4/17/06	ISSUED CIVIL REVISED BID		CTC
5	4/17/06	ISSUED CABLE RFP		CTC
4	4/17/06	ISSUED NU 3RD REVIEW		CTC
3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC

date: 11/10/05
designed: C. COURTRIGHT
detailed: L. ROWSE
checked: S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

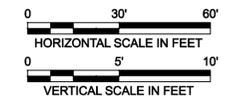
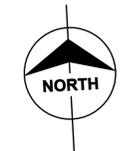
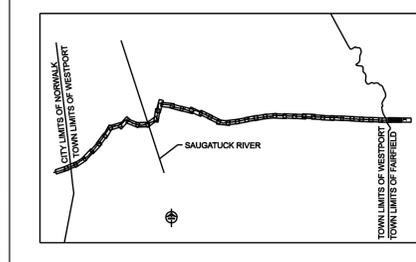
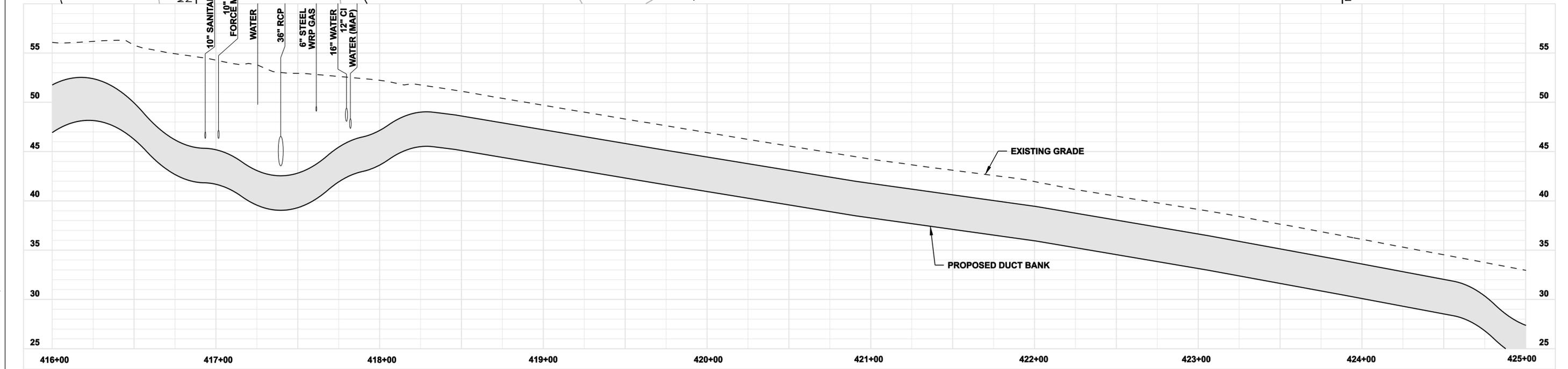
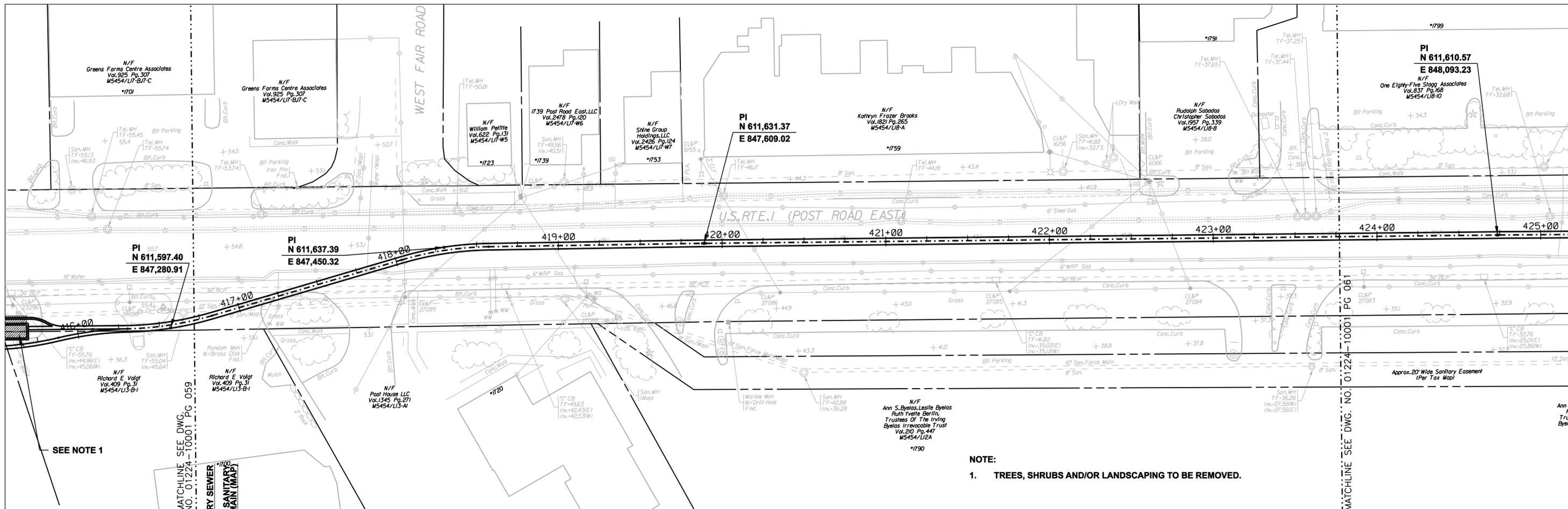
NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE: MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

TOWN OF WESTPORT
PLAN AND PROFILE Sta. 409+00 to 418+00

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 059	



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DOCKET No. 272

no.	date	revisions	by	chk
7	5/12/06	ISSUED CSC		CTC
6	4/17/06	ISSUED CIVIL REVISED BID		CTC
5	4/17/06	ISSUED CABLE RFP		CTC
4	4/17/06	ISSUED NU 3RD REVIEW		CTC
3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC

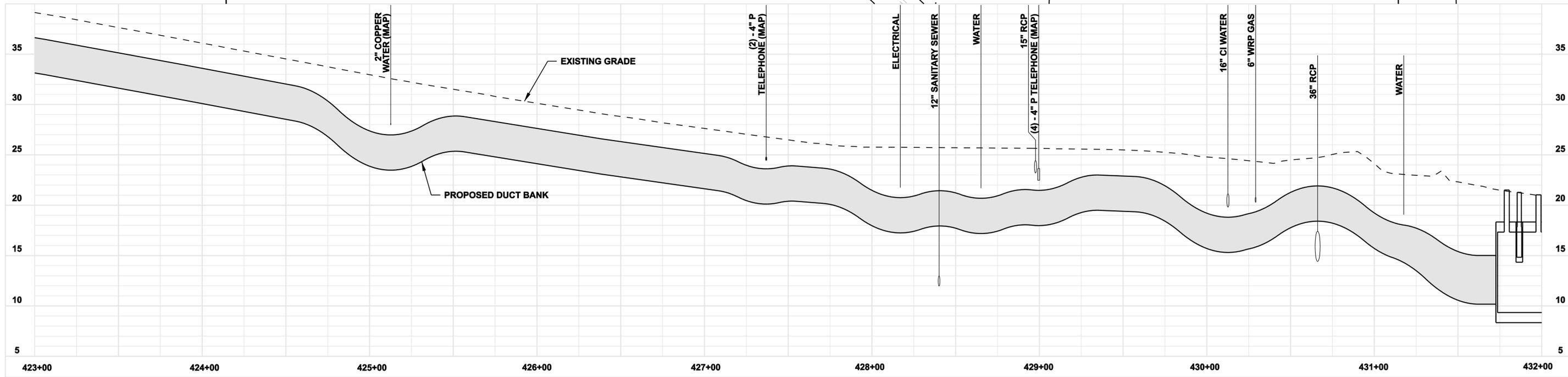
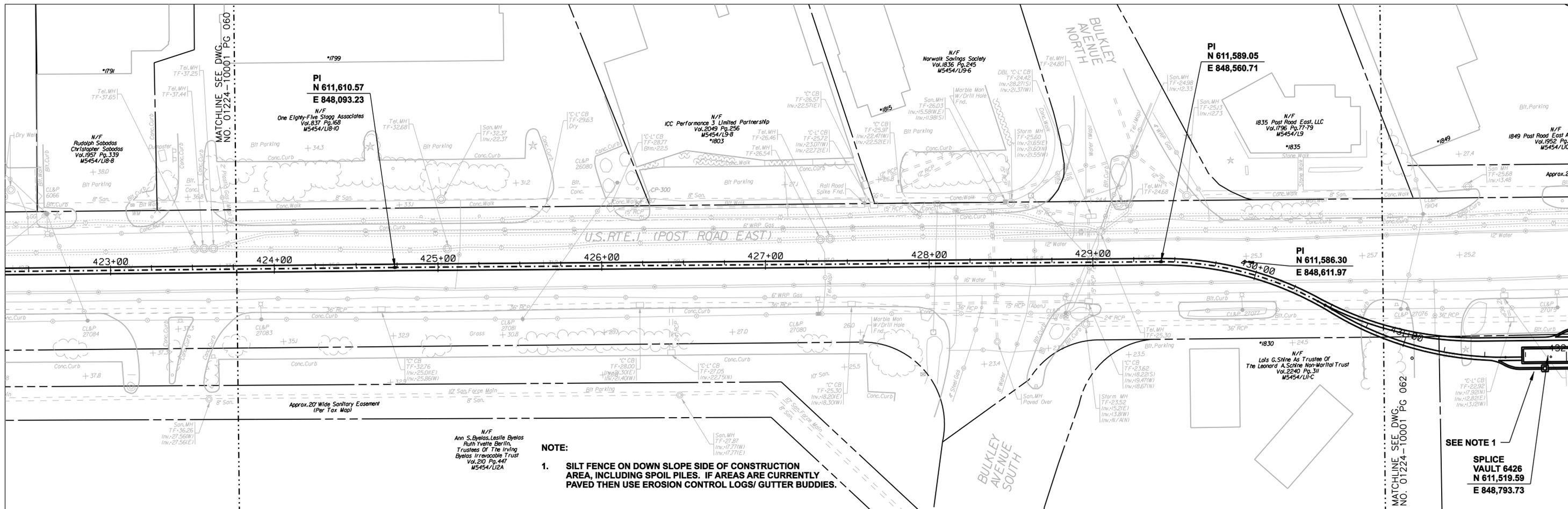


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SINCE 1898

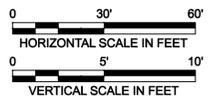
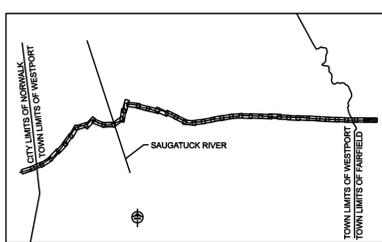
date	11/10/05	detailed	L. ROWSE
designed	C. COURTRIGHT	checked	S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
TOWN OF WESTPORT PLAN AND PROFILE Sta. 416+00 to 425+00			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO. 01224-10001 PG 060		



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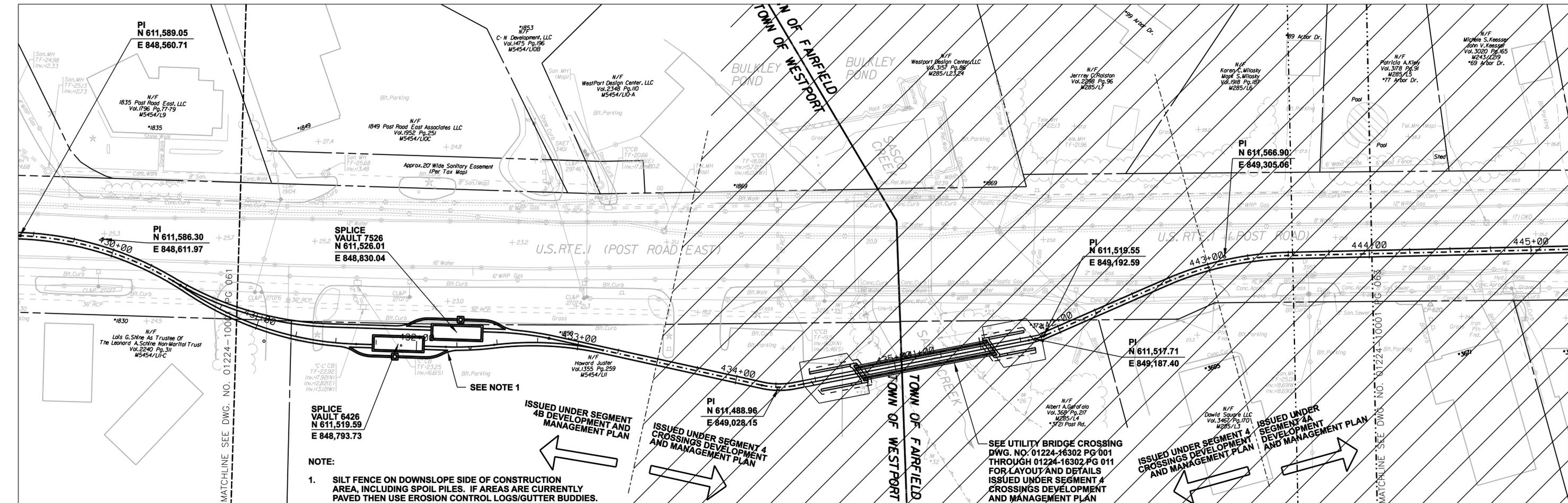
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7	5/12/06	ISSUED CSC		CTC
6	4/17/06	ISSUED CIVIL REVISED BID		CTC
5	4/17/06	ISSUED CABLE RFP		CTC
4	4/17/06	ISSUED NU 3RD REVIEW		CTC
3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC



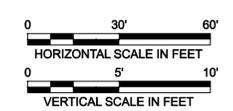
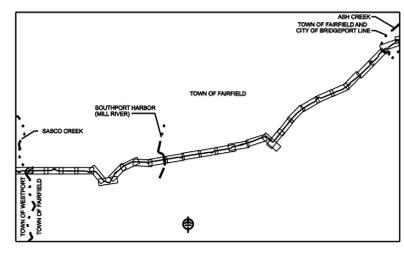
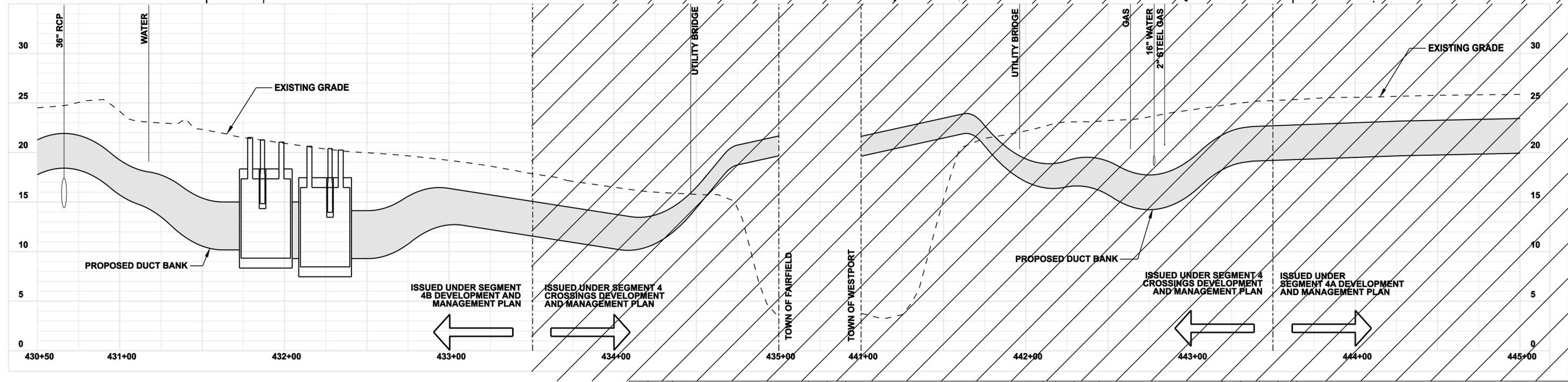
date 11/10/05
designed C. COURTRIGHT
detailed L. ROWSE
checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
TOWN OF WESTPORT PLAN AND PROFILE Sta. 423+00 to 432+00			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO. 01224-10001 PG 061		



NOTE:
 1. SILT FENCE ON DOWNSLOPE SIDE OF CONSTRUCTION AREA, INCLUDING SPOIL PILES. IF AREAS ARE CURRENTLY PAVED THEN USE EROSION CONTROL LOGS/GUTTER BUDDIES.



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no.	date	revisions	by	chk
8	5/12/06	ISSUED CSC		CTC
7	4/17/06	ISSUED CIVIL REVISED BID		CTC
6	4/17/06	ISSUED CABLE RFP		CTC
5	4/17/06	ISSUED NU 3RD REVIEW		CTC
1-U	2/14/06	ISSUED ADDENDUM 3		CTC
3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/10/05	ISSUED 60% PRELIMINARY		CTC

Burns & McDonnell
 SINCE 1898

date: 08/15/05
 designed: C. COURTRIGHT
 detailed: L. ROWSE
 checked: S. NEWLAND

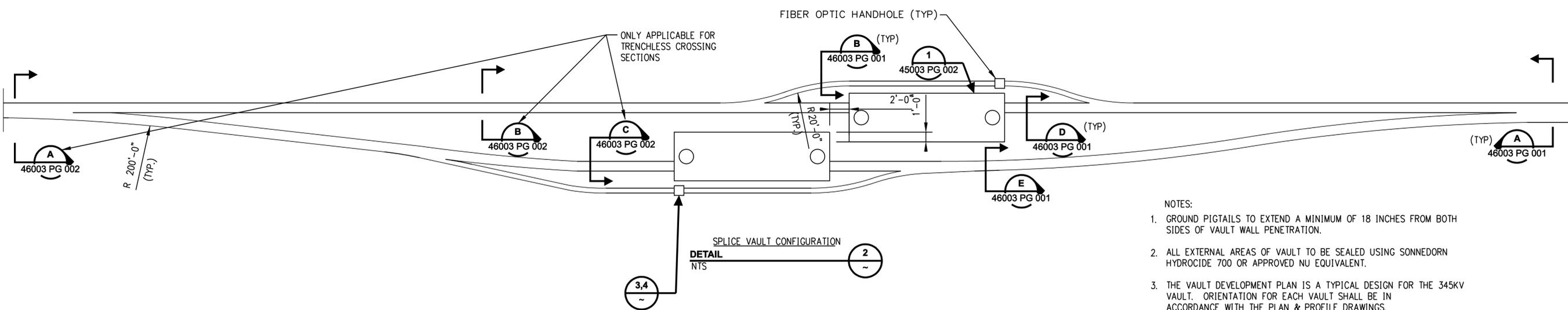
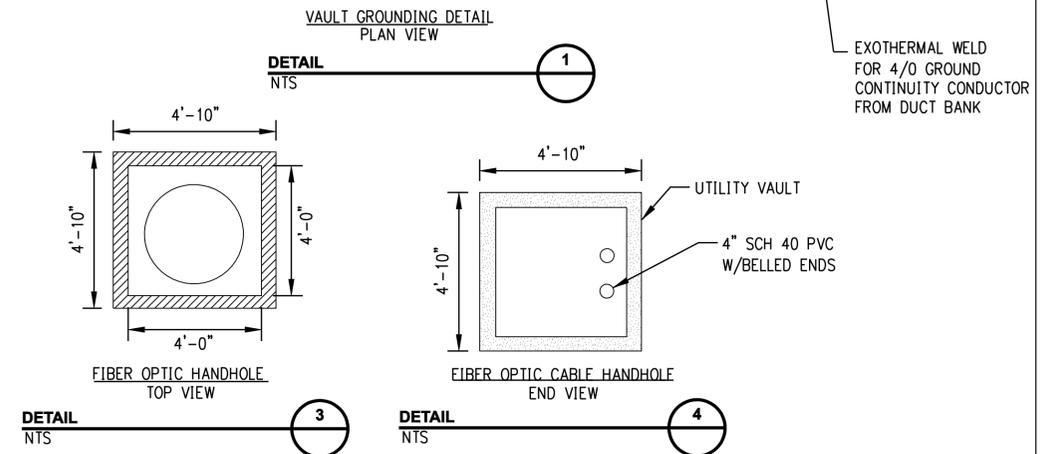
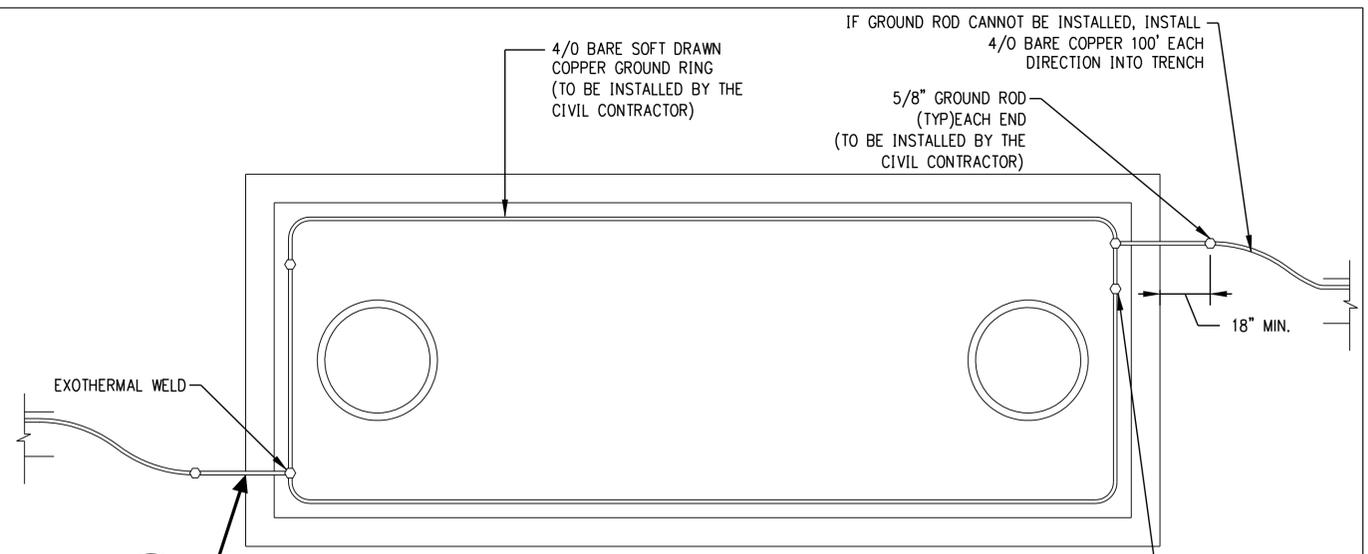
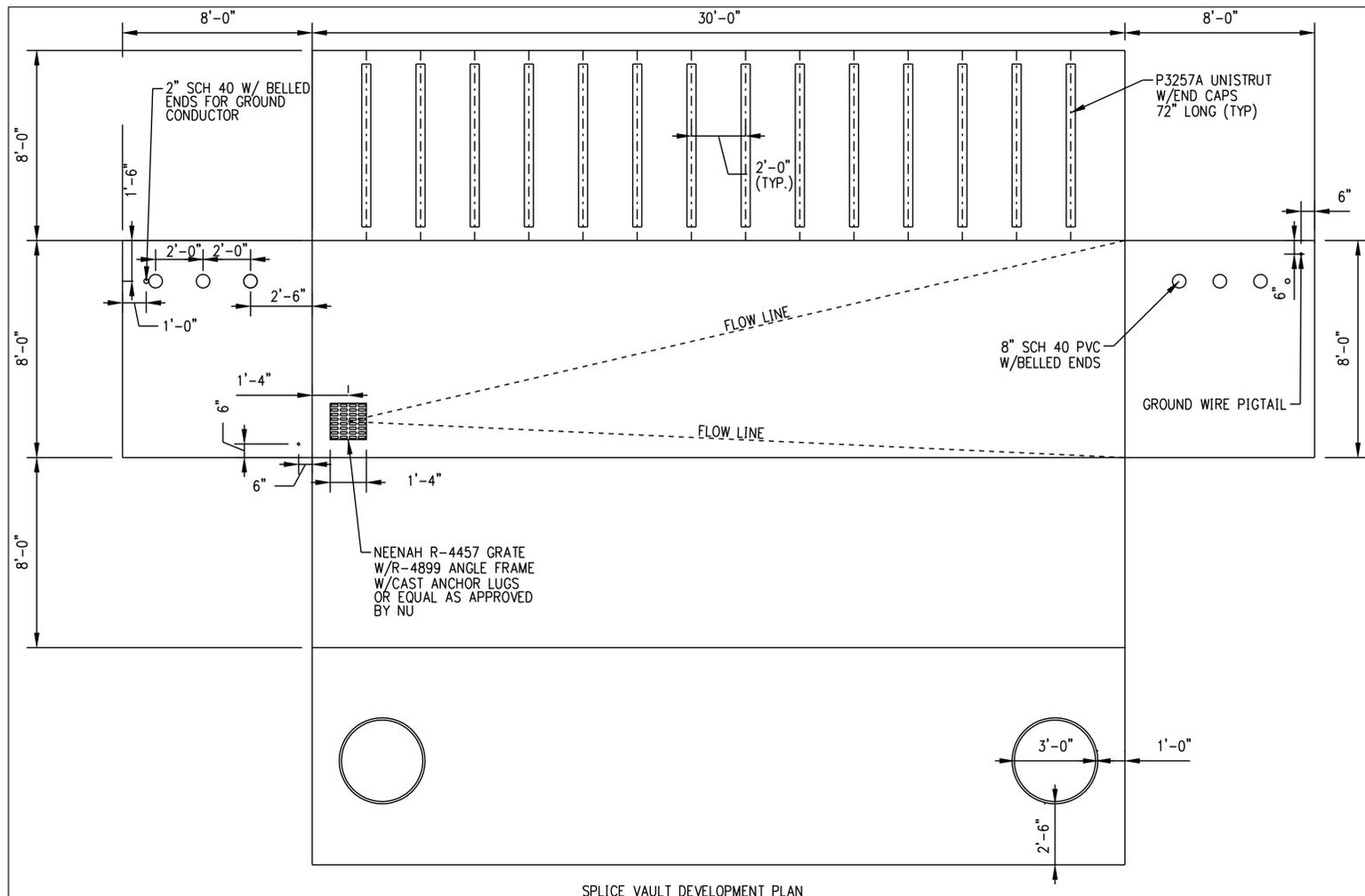
MF NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE: MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT
 PLAN AND PROFILE Sta. 430+50 to 445+00

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 062	



- NOTES:
1. GROUND PIGTAILS TO EXTEND A MINIMUM OF 18 INCHES FROM BOTH SIDES OF VAULT WALL PENETRATION.
 2. ALL EXTERNAL AREAS OF VAULT TO BE SEALED USING SONNEDORN HYDROCID 700 OR APPROVED NU EQUIVALENT.
 3. THE VAULT DEVELOPMENT PLAN IS A TYPICAL DESIGN FOR THE 345KV VAULT. ORIENTATION FOR EACH VAULT SHALL BE IN ACCORDANCE WITH THE PLAN & PROFILE DRAWINGS.

GENERAL NOTE:
 TEMPORARY AND PERMANENT EASEMENTS WILL BE ACQUIRED FOR INSTALLATION OF THE DUCT BANK AND VAULTS ALONG PRIVATE PROPERTY. A TYPICAL VAULT LOCATION INSTALLED ALONG PRIVATE PROPERTY REQUIRES A PERMANENT EASEMENT OF APPROXIMATELY 10,000 SF AND A TEMPORARY EASEMENT OF APPROXIMATELY 6,500 SF.

DOCKET No. 272

**FOR REFERENCE ONLY
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no.	date	revisions	by	chk
7	5/12/06	ISSUED CSC	CTC	
6	4/17/06	ISSUED CIVIL REVISED BID	CTC	
5	4/17/06	ISSUED NU FINAL REVIEW	CTC	
4	3/02/06	ADDENDUM 4	CTC	
3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW	CTC	
2	1/11/06	ISSUED CIVIL RFP	CTC	
1	11/09/05	ISSUED 60% PRELIMINARY	CTC	

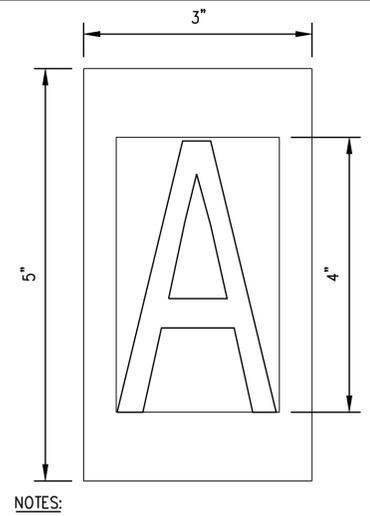
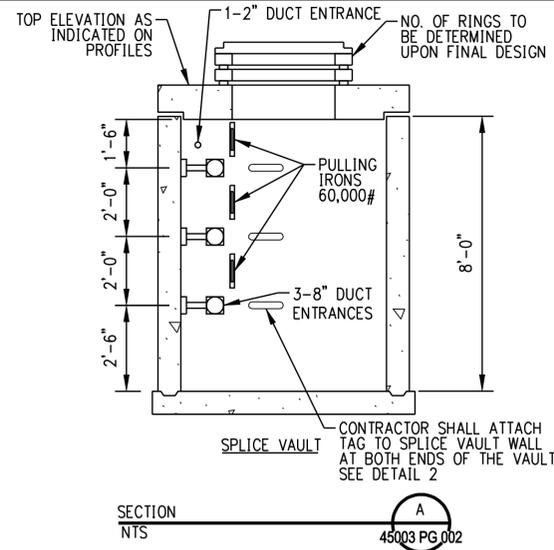
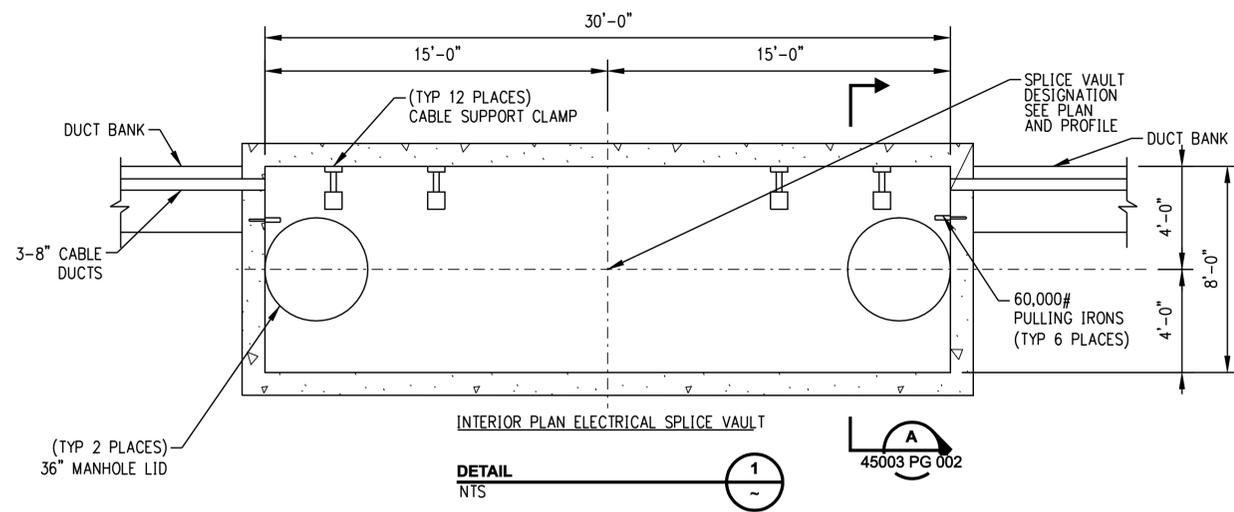


date 11/09/05
 designed C. COURTRIGHT
 detailed L. ROWSE
 checked S. NEWLAND

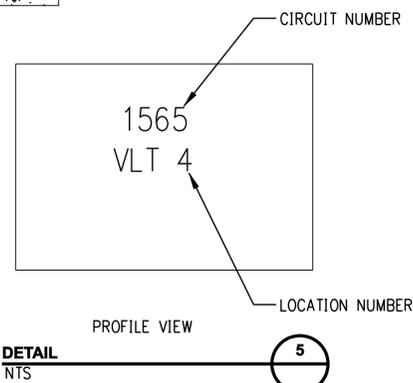
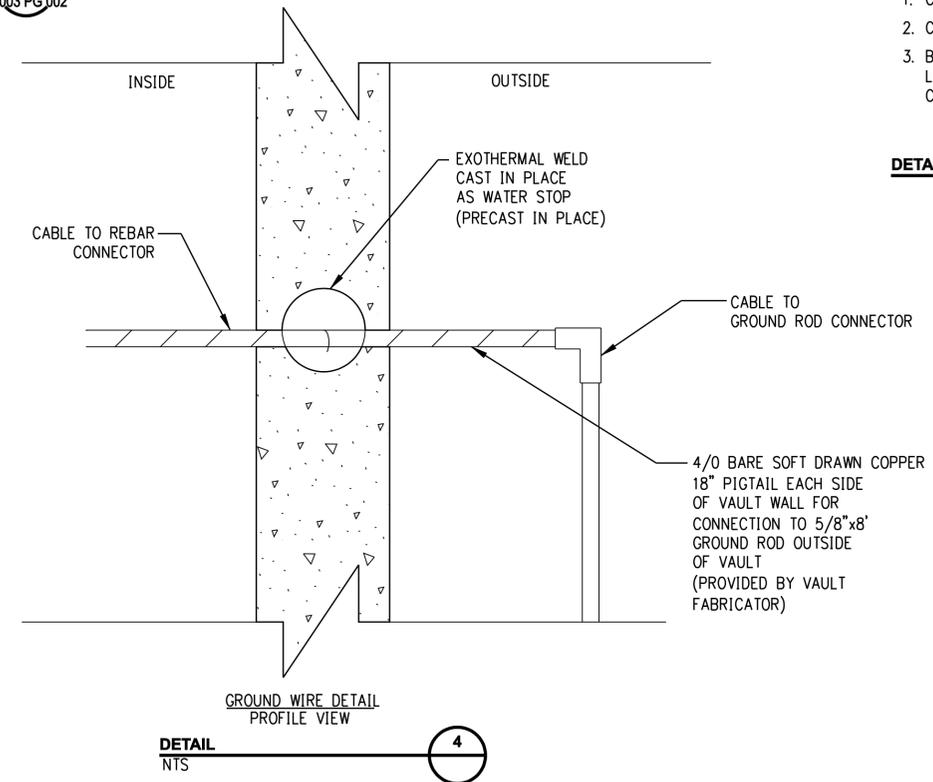
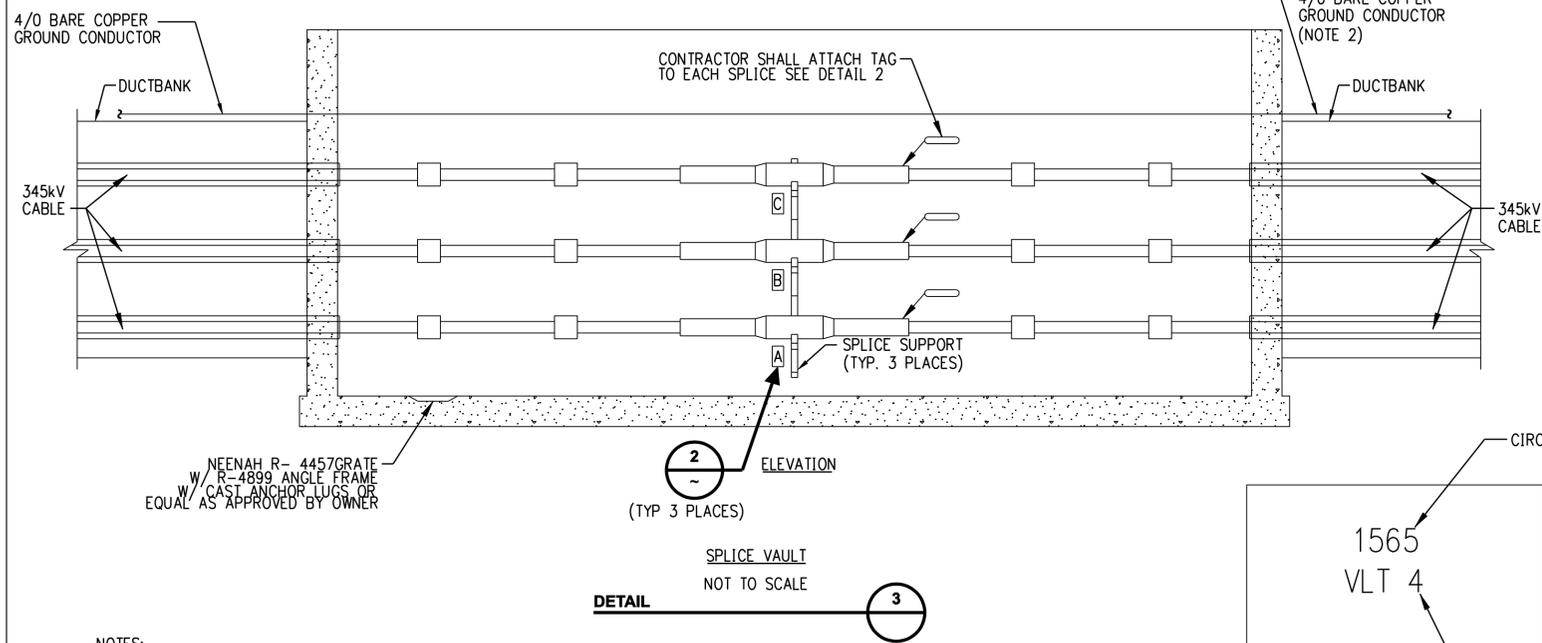
MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
VAULT, GROUNDING AND HANDHOLE DETAILS			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO.	01224-45003 PG 001

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- NOTES:
1. CHARACTER SHALL BE 4" HIGH BOLD TYPE.
 2. CHARACTER SHALL BE CENTERED ON SIGN.
 3. BACKGROUND: WHITE
LETTERING: BLACK
CHARACTERS: A, B & C AS SHOWN



ATTACH TAG 1'-6" BELOW FINISHED GRADE ON THE INSIDE OF THE CHIMNEY AND ON THE VAULT WALL OPPOSITE THE RACKING

- NOTES:
1. PASS GROUND CONDUCTOR THROUGH VAULT WALL AND SUPPORT ALONG VAULT WALL.
 2. BOND GROUNDS FROM EARTHING TO VAULT/ DUCTBANK GROUND.

GENERAL NOTE:
TEMPORARY AND PERMANENT EASEMENTS WILL BE ACQUIRED FOR INSTALLATION OF THE DUCT BANK AND VAULTS ALONG PRIVATE PROPERTY. A TYPICAL VAULT LOCATION INSTALLED ALONG PRIVATE PROPERTY REQUIRES A PERMANENT EASEMENT OF APPROXIMATELY 10,000 SF AND A TEMPORARY EASEMENT OF APPROXIMATELY 6,500 SF.

DOCKET No. 272

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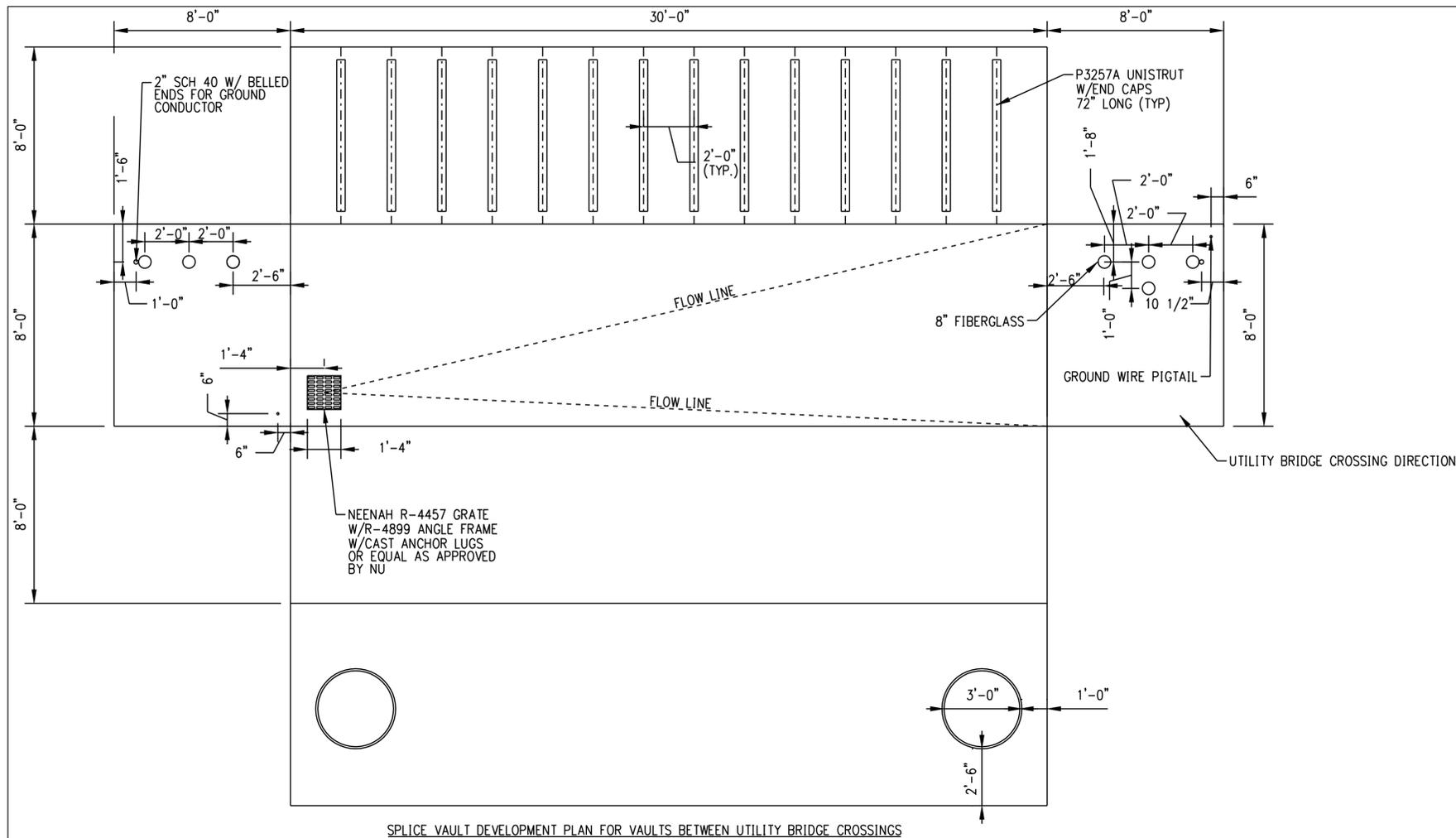
no.	date	revisions	by	chk
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6	4/17/06	ISSUED CIVIL REVISED BID		CTC
5	4/17/06	ISSUED NU FINAL REVIEW		CTC
4	3/02/06	ISSUED ADDENDUM 4		CTC
3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/09/05	ISSUED 60% PRELIMINARY		CTC



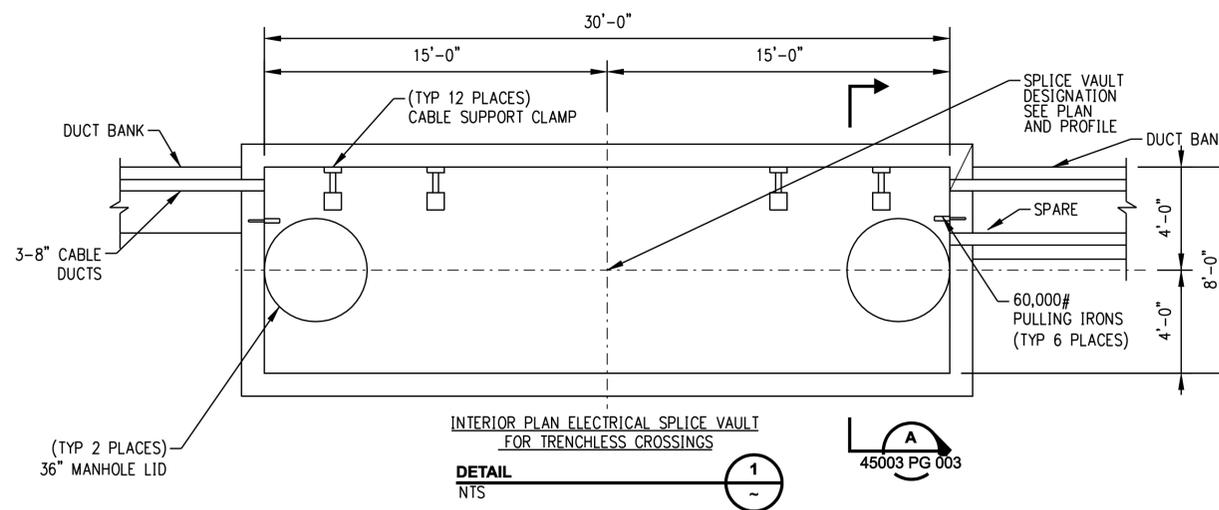
date 11/09/05
designed C. COURTRIGHT
detailed L. ROWSE
checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
VAULT AND GROUNDING DETAILS			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-45003 PG 002	



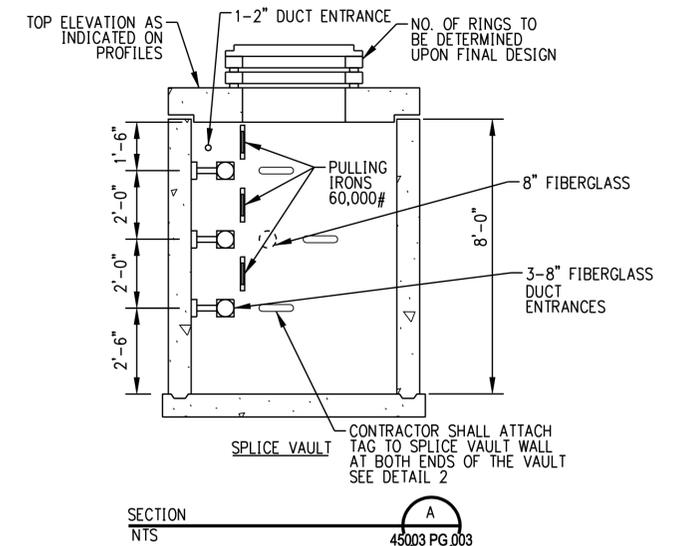
SPLICE VAULT DEVELOPMENT PLAN FOR VAULTS BETWEEN UTILITY BRIDGE CROSSINGS



INTERIOR PLAN ELECTRICAL SPLICE VAULT FOR TRENCHLESS CROSSINGS

DETAIL 1
NTS

45003 PG 003



SECTION A
NTS

45003 PG 003

GENERAL NOTE:
TEMPORARY AND PERMANENT EASEMENTS WILL BE ACQUIRED FOR INSTALLATION OF THE DUCT BANK AND VAULTS ALONG PRIVATE PROPERTY. A TYPICAL VAULT LOCATION INSTALLED ALONG PRIVATE PROPERTY REQUIRES A PERMANENT EASEMENT OF APPROXIMATELY 10,000 SF AND A TEMPORARY EASEMENT OF APPROXIMATELY 6,500 SF.

DOCKET No. 272

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date 05/05/06 detailed L. ROWSE
designed C. COURTRIGHT checked S. NEWLAND

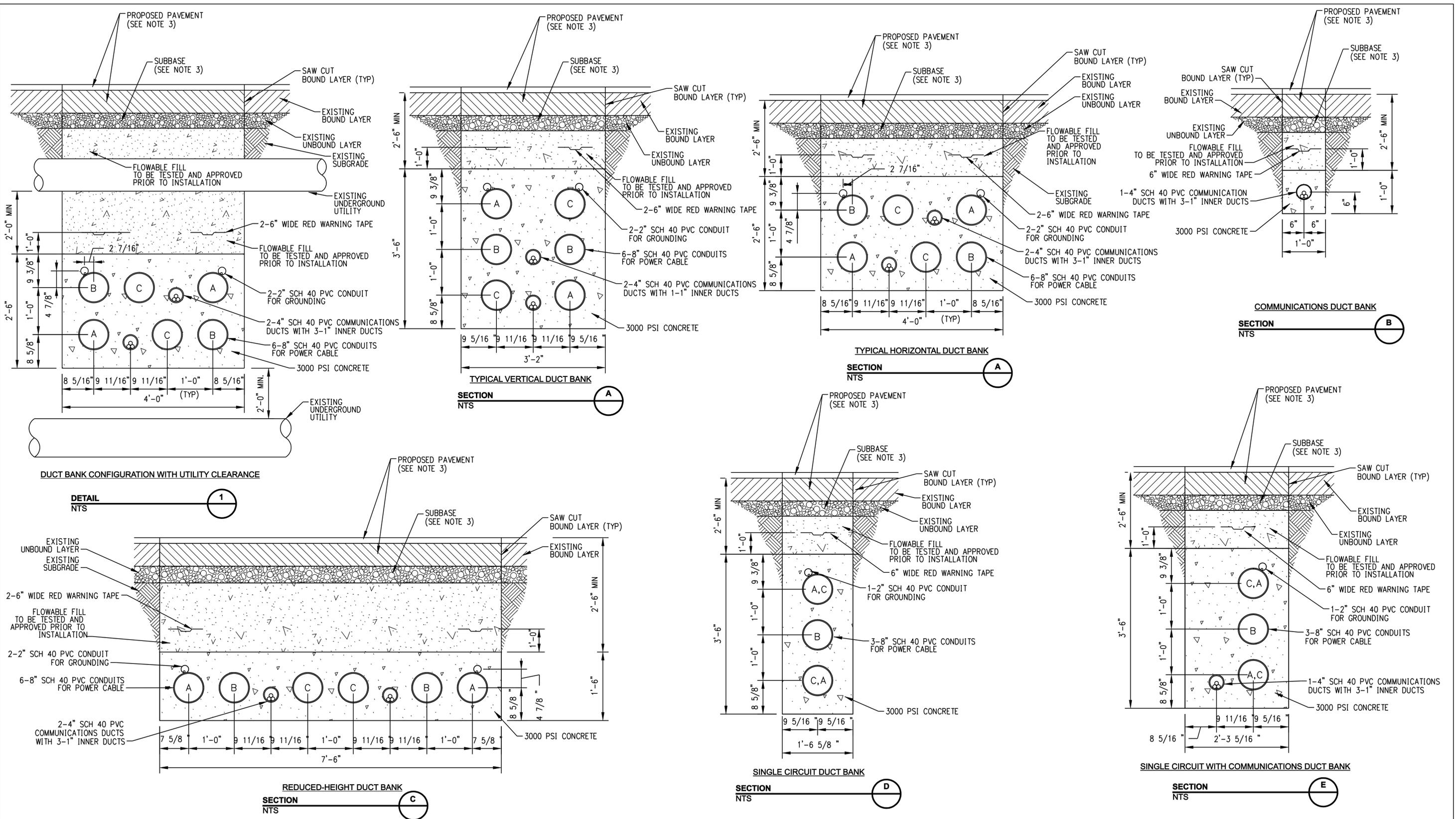
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MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT
UTILITY BRIDGE SPLICE VAULT DETAILS

BY	SEN-BMCD	CHKD	APP	APP
DATE	2-5-05	DATE	DATE	DATE
SCALE	AS NOTED	DWG. NO.	01224-45003 PG 003	



GENERAL NOTES:
 1. STANDARD TRENCH WITH PERMANENT PAVEMENT RESTORATION IN STATE HIGHWAY SHOWN. PAVEMENT RESTORATION REQUIREMENTS WILL VARY DEPENDENT ON SPECIFIC EXISTING PAVEMENT CROSS SECTIONS AND MATERIALS.
 2. TEMPORARY AND PERMANENT EASEMENTS WILL BE ACQUIRED FOR INSTALLATION OF THE DUCT BANK AND VAULTS ALONG PRIVATE PROPERTY. A TYPICAL VAULT LOCATION INSTALLED ALONG PRIVATE PROPERTY REQUIRES A PERMANENT EASEMENT OF APPROXIMATELY 10,000 SF AND A TEMPORARY EASEMENT OF APPROXIMATELY 6,500 SF.
 3. REFERENCE RESTORATION DRAWINGS FOR PROPOSED PAVEMENT SECTIONS.

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 NOT FOR CONSTRUCTION

no.	date	revisions	by	chk
7	5/12/06	ISSUED CSC		CTC
6	4/17/06	ISSUED NU FINAL REVIEW		CTC
5	3/02/06	ADDENDUM 4		CTC
4	1/18/06	ISSUED ADDENDUM		CTC
3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW		CTC
2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/09/05	ISSUED 60% PRELIMINARY		CTC

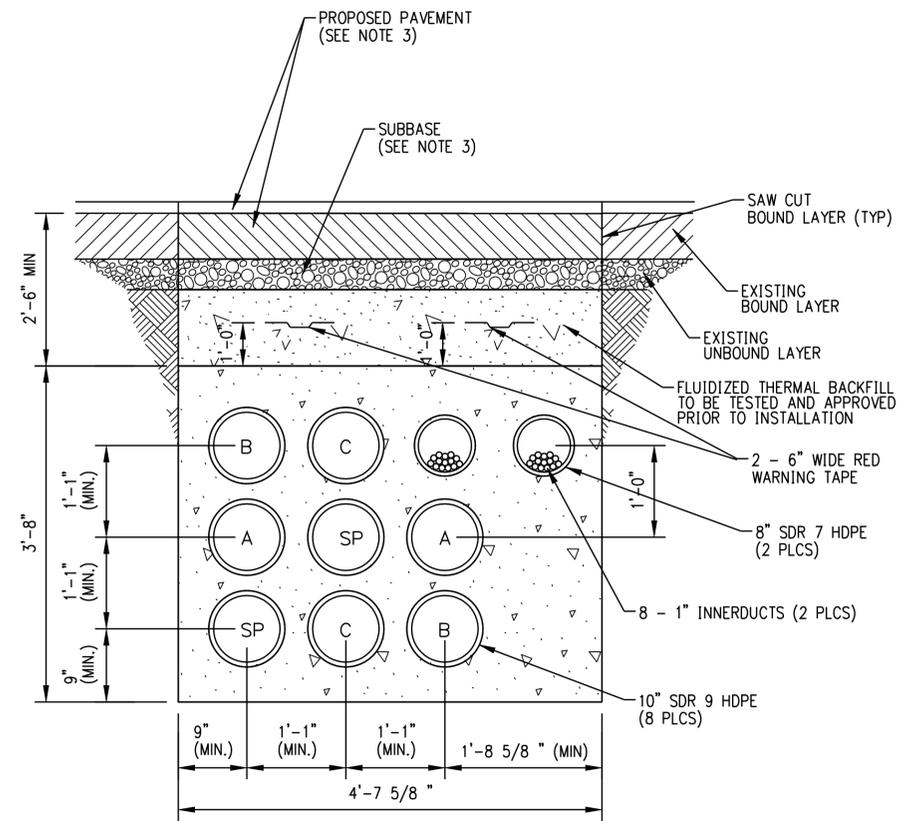


date 11/09/05 detailed BL COMPANIES
 designed BL COMPANIES checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

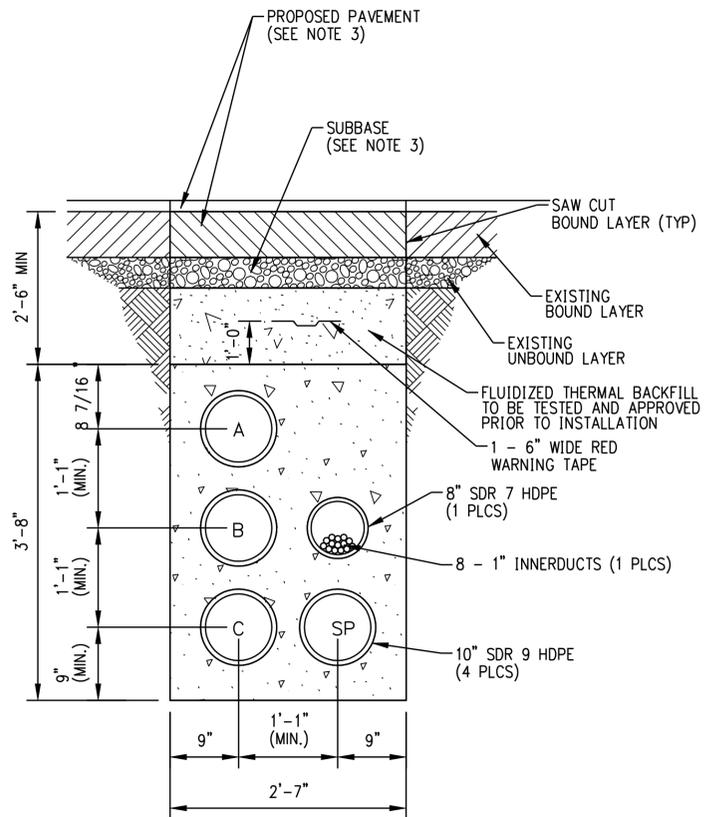
NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
DUCT BANK DETAILS			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO.		
	D	01224-46003 PG 001	

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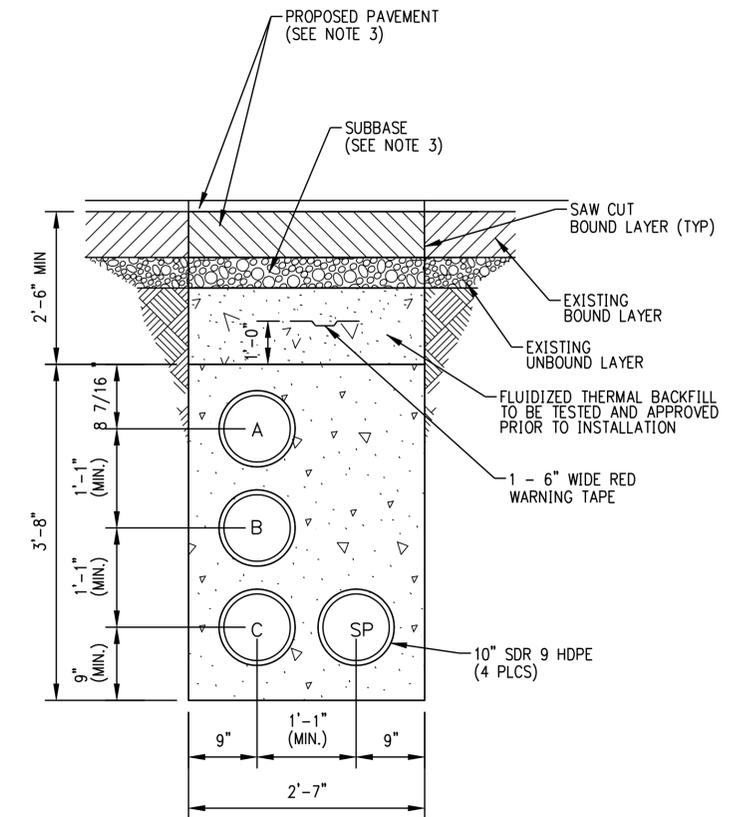
TYPICAL HORIZONTAL DIRECTIONAL DRILL DUCT BANK

SECTION A
NTS



HORIZONTAL DIRECTIONAL DRILL SINGLE CIRCUIT WITH COMMUNICATIONS DUCT BANK

SECTION B
NTS



HORIZONTAL DIRECTIONAL DRILL SINGLE CIRCUIT DUCT BANK

SECTION C
NTS

- GENERAL NOTES:
- STANDARD TRENCH WITH PERMANENT PAVEMENT RESTORATION IN STATE HIGHWAY SHOWN. PAVEMENT RESTORATION REQUIREMENTS WILL VARY DEPENDENT ON SPECIFIC EXISTING PAVEMENT CROSS SECTIONS AND MATERIALS.
 - TEMPORARY AND PERMANENT EASEMENTS WILL BE ACQUIRED FOR INSTALLATION OF THE DUCT BANK AND VAULTS ALONG PRIVATE PROPERTY. A TYPICAL VAULT LOCATION INSTALLED ALONG PRIVATE PROPERTY REQUIRES A PERMANENT EASEMENT OF APPROXIMATELY 10,000 SF AND A TEMPORARY EASEMENT OF APPROXIMATELY 6,500 SF.
 - REFERENCE RESTORATION DRAWINGS FOR PROPOSED PAVEMENT SECTIONS.

DOCKET No. 272

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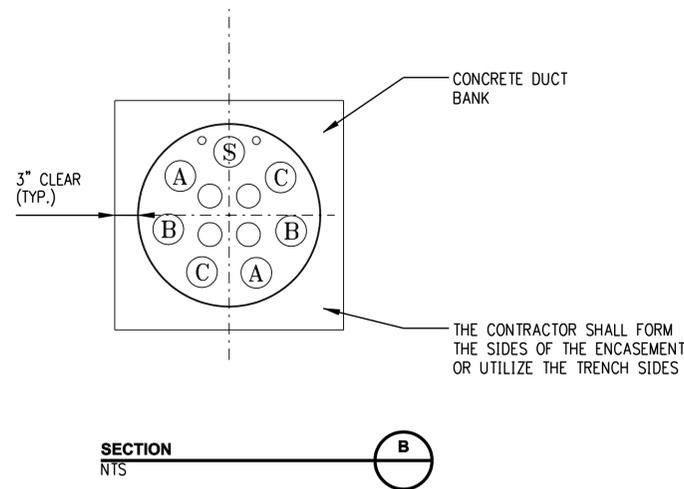


no.	date	revisions	by	chk
3	5/12/06	ISSUED CSC		CTC
2	4/17/06	ISSUED NU FINAL REVIEW		CTC
1	3/2/06	ISSUED ADDENDUM 4 (NEW SHEET)		CTC

date 11/09/05
designed C. COURTRIGHT
detailed L. ROWSE
checked S. NEWLAND

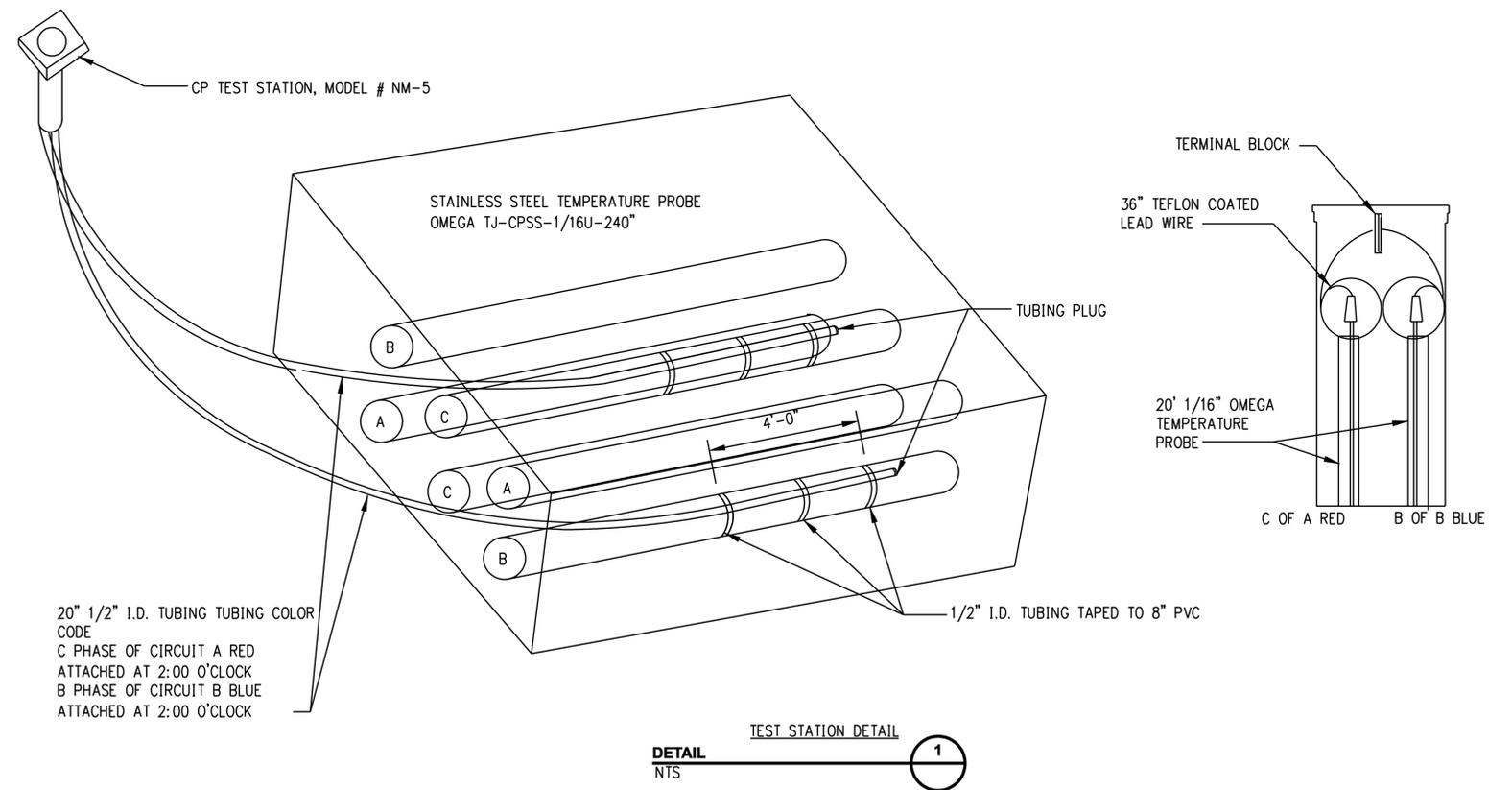
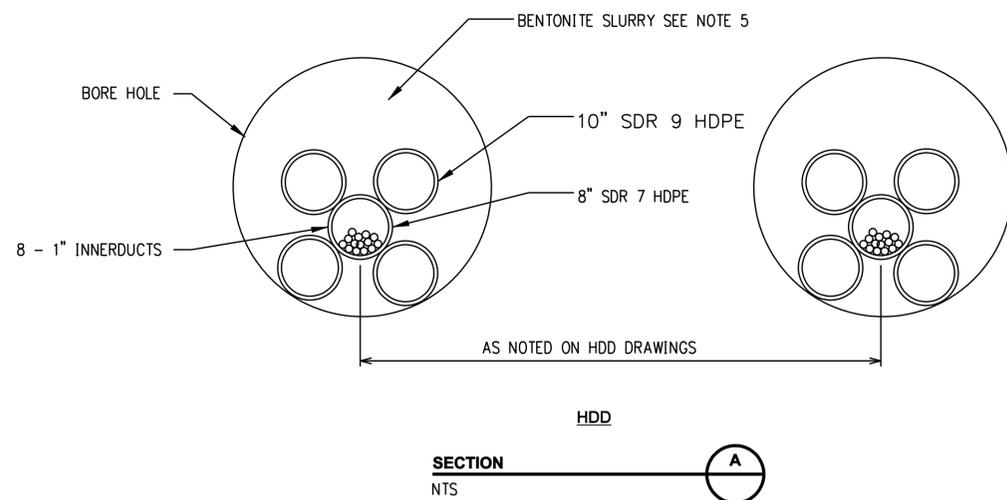
MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
DUCT BANK DETAILS			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-46003	PG 002



NOTES

1. ALL CASING SHALL BE COMPLETELY FILLED WITH A THERMALLY ACCEPTABLE GROUT. GROUT MIX DESIGN SHALL MEET PROJECT SPECIFICATIONS.
2. GROUT SAMPLES SHALL BE SUBMITTED TO THE TEST COMPANY (CONTACT TEST COMPANY FOR APPROPRIATE SIZE & METHOD OF TRANSPORTATION) IN ACCORDANCE WITH THE SPECIFICATIONS.
3. CONTRACTOR SHALL FURNISH AND INSTALL CASING PIPE SPACER. SPACERS SHALL BE INSTALLED A MAXIMUM DISTANCE OF 5 FEET APART. SPACERS SHALL BE INSTALLED PER MANUFACTURES RECOMMENDATIONS.
4. CONTRACTOR SHALL SUBMIT DETAILED DESIGN OF EACH BORED CROSSING FOR REVIEW, INCLUDING AS A MINIMUM WORK PLAN, EQUIPMENT AND MATERIALS TO BE USED, WORK AREAS, BORE PIT SIZES AND LOCATIONS.
5. BENTONITE SLURRY SAMPLES SHALL BE SUBMITTED TO THE TEST COMPANY (CONTACT TEST COMPANY FOR APPROPRIATE SIZE & METHOD OF TRANSPORTATION) IN ACCORDANCE WITH THE SPECIFICATIONS.



GENERAL NOTE:

TEMPORARY AND PERMANENT EASEMENTS WILL BE ACQUIRED FOR INSTALLATION OF THE DUCT BANK AND VAULTS ALONG PRIVATE PROPERTY. A TYPICAL VAULT LOCATION INSTALLED ALONG PRIVATE PROPERTY REQUIRES A PERMANENT EASEMENT OF APPROXIMATELY 10,000 SF AND A TEMPORARY EASEMENT OF APPROXIMATELY 6,500 SF.

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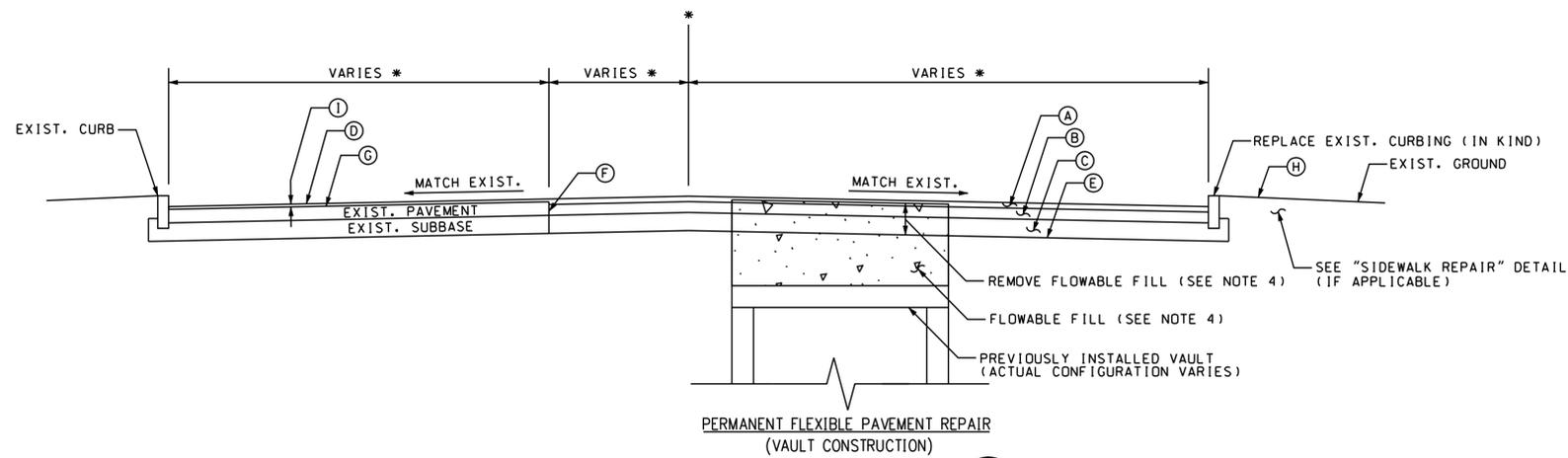
no.	date	revisions	by	chk
3	5/12/06	ISSUED CSC		CTC
2	4/17/06	ISSUED NU FINAL REVIEW		CTC
1	3/02/06	ISSUED ADDENDUM 4 (NEW SHEET)		CTC

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SINCE 1898

date 11/09/05 detailed L. ROWSE
designed C. COURTRIGHT checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

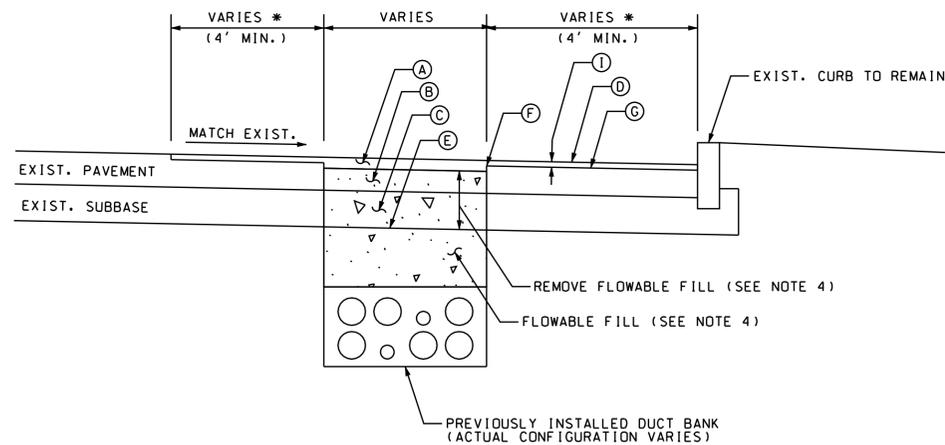
NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
CROSSING AND TEMPERATURE MONITORING DETAILS			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-46003	PG 003



PERMANENT FLEXIBLE PAVEMENT REPAIR
(VAULT CONSTRUCTION)

DETAIL 1
NTS

* SEE MILLING AND OVERLAY PLANS FOR LIMITS.



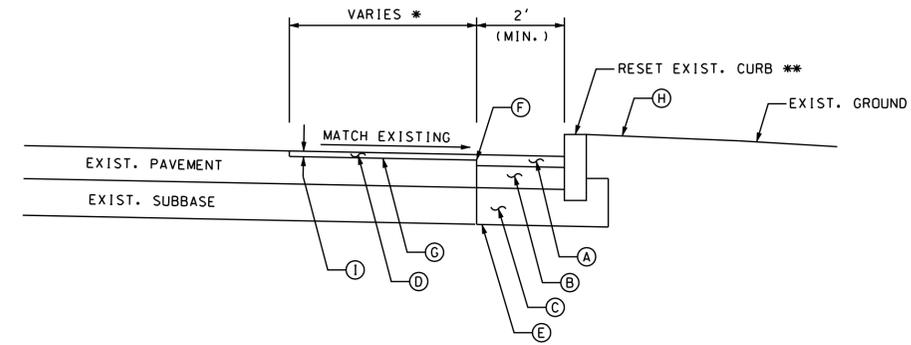
PERMANENT FLEXIBLE PAVEMENT REPAIR
(DUCT BANK CONSTRUCTION)

DETAIL 2
NTS

* SEE MILLING AND OVERLAY PLANS FOR LIMITS.

LEGEND FOR TYPICAL SECTIONS

- (A) STATE ROAD - 3" SUPERPAVE 0.5 INCH (PLACED IN TWO EQUAL LIFTS)
- LOCAL ROAD - 2" SUPERPAVE 0.5 INCH
- (B) STATE ROAD - 6" SUPERPAVE 1.5 INCH (PLACED IN TWO EQUAL LIFTS)
- LOCAL ROAD - 2" SUPERPAVE 0.375 INCH
- (C) 10" PROCESSED AGGREGATE SUBBASE
- (D) 1.5" SUPERPAVE 0.5 INCH
- (E) FORMATION OF SUBGRADE
- (F) CUT BITUMINOUS CONCRETE PAVEMENT
- (G) APPLY TACK COAT
- (H) TURF ESTABLISHMENT
- (I) MILL BITUMINOUS CONCRETE PAVEMENT (1.5")
- (J) CUT CONCRETE PAVEMENT
- (K) CONCRETE CURBING
- (L) CONCRETE SIDEWALK



RESET STONE CURBING/REPLACE CONC. CURBING

DETAIL 3
NTS

* SEE MILLING AND OVERLAY PLANS FOR LIMITS.
** IF THE EXISTING CURBING IS DEEMED TO BE UNSUITABLE FOR REUSE BY THE ENGINEER, THE CONTRACTOR SHALL FURNISH AND INSTALL NEW CURBING OF THE SAME MATERIAL TO REPLACE IT.

NOTES:

- 1) THE LIMITS OF RESET STONE CURBING, CONCRETE CURBING AND CONCRETE SIDEWALK ARE SHOWN ON THE MILLING AND OVERLAY PLANS. THESE AREAS ARE APPROXIMATE AND MAY BE ADJUSTED BY THE ENGINEER TO RESTORE ADDITIONAL DISTURBED AREAS, IF ANY, DUE TO THE CONTRACTOR'S ACTIVITIES.
- 2) "MATERIAL FOR TACK COAT" SHALL BE APPLIED BETWEEN PAVEMENT COURSES AND TO ALL PAVEMENT JOINTS.
- 3) SEE TYPICAL DETAIL DRAWINGS FOR TEMPORARY PAVEMENT REPAIR DETAIL.
- 4) "PROCESSED AGGREGATE SUBBASE" MAY BE USED IN PLACE OF "FLOWABLE FILL" AS THE ALTERNATE BACKFILL. "FLOWABLE FILL" AND "PROCESSED AGGREGATE SUBBASE" MUST BE THERMALLY TESTED AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. SEE TECHNICAL SPECIFICATIONS FOR DETAILS.

no.	date	revisions	by	chk
6	5/12/06	ISSUED CSC	CTC	
5	4/17/06	ISSUED NU FINAL REVIEW	CTC	
4	3/2/06	ADDENDUM 4	CTC	
3	1/27/06	ISSUED DOT/MUNICIPALITY REVIEW	CTC	
2	1/11/06	ISSUED CIVIL RFP	CTC	
1	11/09/05	ISSUED 60% PRELIMINARY	CTC	



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date	11/09/05	detailed	BL COMPANIES
designed	BL COMPANIES	checked	S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

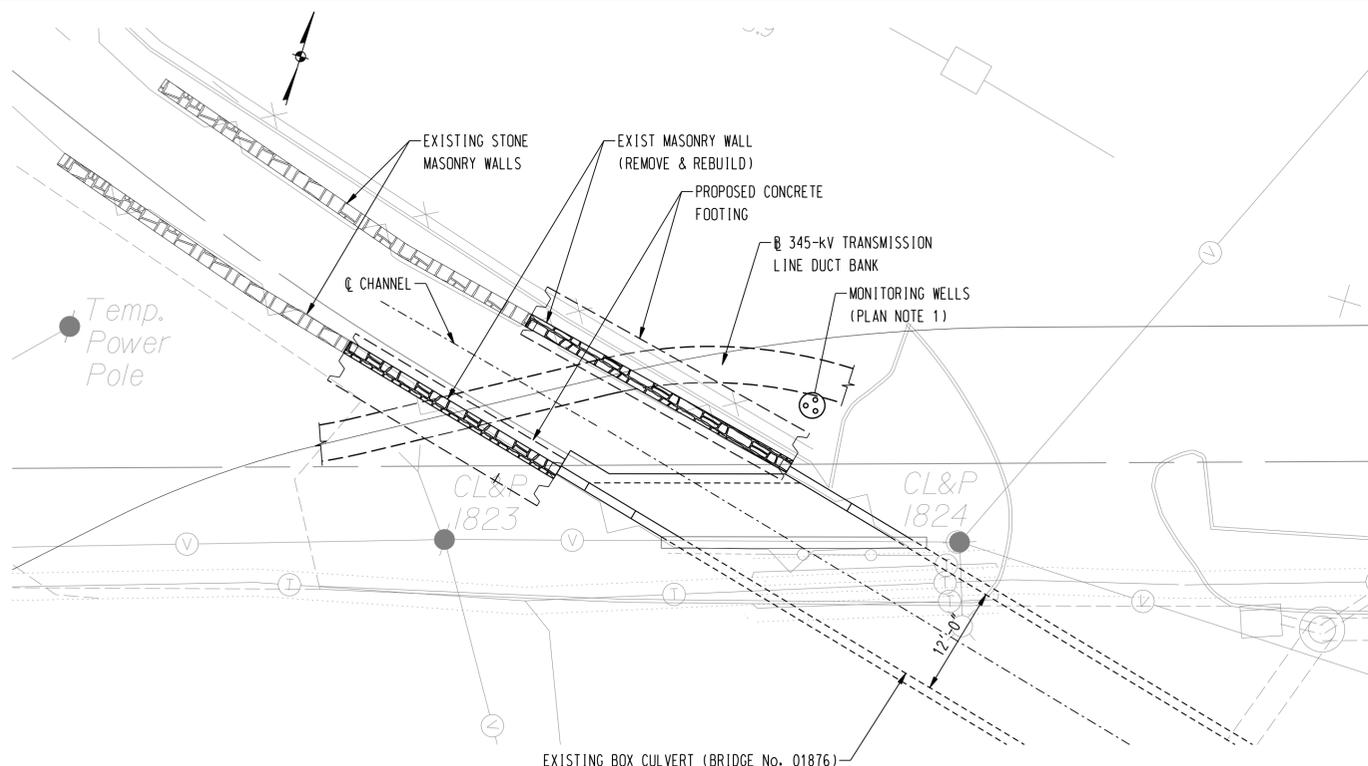
FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

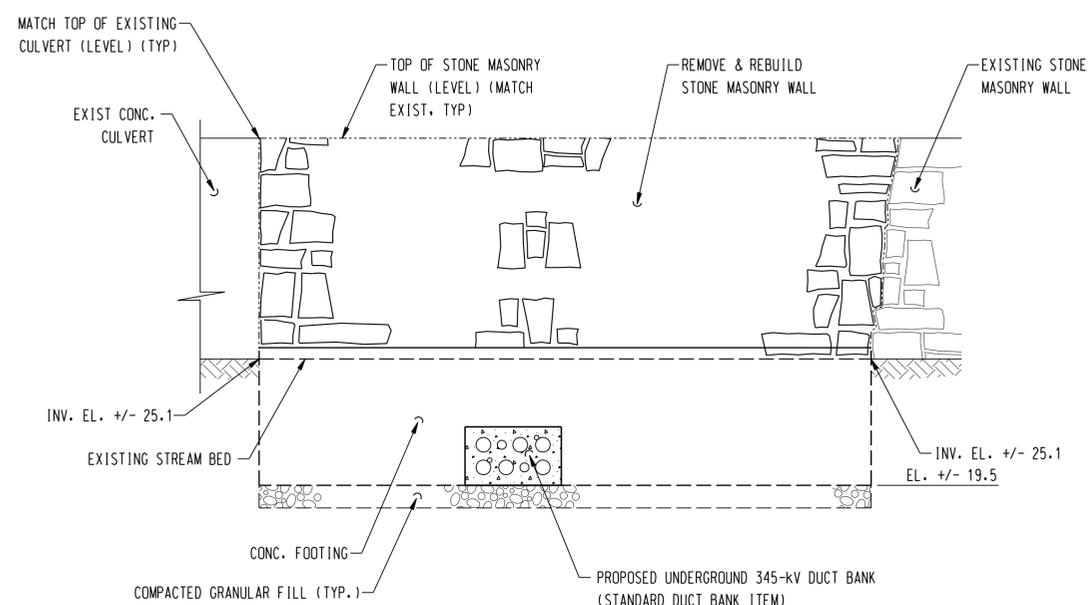
PAVEMENT RESTORATION DETAILS

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO.	01224-71003 PG 001

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PLAN
SCALE: 1" = 10'



ELEVATION
SCALE: 1/4" = 1'

CONCRETE DISTRIBUTION		
SUPERSTRUCTURE	C. Y.	0
SUBSTRUCTURE	C. Y.	0
FOOTINGS	C. Y.	10
TOTAL	C. Y.	10

DOCKET No. 272

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TABLE OF QUANTITIES		
ITEM	UNIT	QUANTITY
STRUCTURE EXCAVATION - EARTH (EXCLUDING HANDLING OF WATER)	CY	250
HANDLING OF WATER- PRECAST CONCRETE BOX CULVERT	LS	1
COMPACTED GRANULAR FILL	CY	14
PERVIOUS STRUCTURE BACKFILL	CY	190
CLASS "A" CONCRETE	CY	80
DEFORMED STEEL BARS	LB	6000
TEMPORARY SHEET PILING LEFT-IN-PLACE	SF	180
DAMP-PROOFING	SY	145
REMOVE AND REBUILD RUBBLE MASONRY WALL	LS	1

MASONRY WALL NOTES:

1. THE CONTRACTOR SHALL REMOVE MASONRY WALLS TO THE LIMITS SHOWN. LIMITS SHOWN ON THE PLANS SHALL BE USED AS GUIDELINE ONLY. THE CONTRACTOR SHALL DETERMINE EXTENT OF ACTUAL WALL REMOVAL. HOWEVER, COST OF WALL REMOVAL BEYOND THE LIMITS SHOWN ON THE PLANS SHALL BE AT NO EXTRA COST TO THE OWNER.
2. THE CONTRACTOR SHALL SALVAGE STONE MASONRY TAKEN FROM THE EXISTING WALL TO BE UTILIZED IN REBUILDING THE WALL.
3. MORTAR FOR REBUILDING MASONRY WALL SHALL CONFORM TO THE REQUIREMENTS OF FORM 816 ARTICLE M.11.04.
4. THE MASONRY WALL SHALL BE REBUILT TO MATCH APPROXIMATE LOCATION OF THE EXISTING WALL.
5. THE FACE OF THE WALL SHALL BE PLUMB AND SHALL NOT INTRUDE WITHIN THE LIMITS OF THE CHANNEL OPENING.
6. THE CONTRACTOR SHALL PERFORM ALL NECESSARY DRESSING AND/OR SHAPING PRIOR TO LAYING STONE MASONRY. NO HAMMERING OR DRESSING WILL BE ALLOWED AFTER STONE HAS BEEN LAID.
7. MASONRY SHALL BE LAID IN COURSES, ROUGHLY LEVELED. THE BOTTOM COURSE SHALL COMPRISE OF LARGER STONES. ALL COURSES SHALL BE LAID HORIZONTALLY PARALLEL TO THE FOUNDATION. CONTRACTOR SHALL TAKE EXTRA CARE IN LAYING STONE WITHOUT JARRING OR MOVING UNDERLYING STONES.
8. EACH COURSE SHALL BE LAID ON A BED OF MORTAR AND SHALL BE RECESSED AND REPOINTED APPROXIMATELY 1/4" FROM THE FACE OF THE STONE.
9. IN THE EVENT THAT SALVAGED STONE MASONRY IS NOT SUFFICIENT TO REBUILD THE WALL, THE COST OF FURNISHING AND INSTALLING ADDITIONAL STONE MASONRY SHALL BE PAID FOR THROUGH AN ALLOWANCE.
10. COST OF BAGGED STONE AND WEEP-HOLE SHALL BE INCLUDED IN THE ITEM FOR "PERVIOUS STRUCTURE BACKFILL"
11. WALL FOOTING SHALL NOT BE DOWELED INTO EXISTING CULVERT.
11. NO REINFORCEMENT BARS SHALL PASS THROUGH THE LIMITS OF DUCT BANK.

GENERAL NOTES

SPECIFICATIONS: CONNECTICUT DEPARTMENT OF TRANSPORTATION FORM 816, SUPPLEMENTAL SPECIFICATIONS DATED JULY, 2005.
DESIGN SPECIFICATIONS: AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS (3rd EDITION, 2004), AS SUPPLEMENTED BY THE CONNECTICUT DEPARTMENT OF TRANSPORTATION BRIDGE DESIGN MANUAL (2003 EDITION), WITH REVISIONS UP TO AND INCLUDING 2005.

ALLOWABLE STRESSES:
CONCRETE
CLASS "A" CONCRETE BASED ON $f'c = 3,000$ PSI

REINFORCEMENT
(ASTM A619, GR. 60) BASED ON $f_y = 60,000$ PSI

FOUNDATION PRESSURES: THE VARIOUS LIMIT STATES NOTED ON THE PLANS REFER TO THE LIMITS STATES AS PROVIDED FOR IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.

DIMENSIONS AND ELEVATIONS: WHEN DECIMAL DIMENSIONS AND ELEVATIONS ARE GIVEN TO LESS THAN TWO DECIMAL PLACES, THE OMITTED DIGITS SHALL BE ASSUMED TO BE ZEROS.

ALL ELEVATIONS SHOWN ON THE PLANS ARE GIVEN DECIMAL FEET, UNLESS OTHERWISE NOTED.

EXISTING DIMENSIONS: DIMENSIONS OF THE EXISTING STRUCTURE SHOWN ON THESE PLANS ARE FOR GENERAL REFERENCE ONLY. NO FIELD MEASUREMENTS HAVE BEEN TAKEN. THE CONTRACTOR SHALL TAKE ALL FIELD MEASUREMENTS NECESSARY TO ASSURE PROPER FIT OF THE FINISHED WORK AND SHALL ASSUME RESPONSIBILITY FOR THEIR ACCURACY. WHEN SHOP DRAWINGS BASED ON FIELD MEASUREMENTS ARE SUBMITTED FOR APPROVAL, THE FIELD MEASUREMENTS SHALL ALSO BE SUBMITTED FOR THE REVIEWER'S REFERENCE.

CONCRETE NOTES

CLASS "A" CONCRETE: CLASS "A" CONCRETE SHALL BE USED FOR MASONRY WALL FOOTINGS.

EXPOSED EDGES: EXPOSED EDGES OF CONCRETE SHALL BE BEVELED 1"x1", UNLESS OTHERWISE NOTED.

CONCRETE COVER: REINFORCEMENT SHALL HAVE 3" OF COVER, UNLESS OTHERWISE NOTED.

REINFORCEMENT: ALL REINFORCEMENT SHALL BE ASTM A615, GRADE 60.

CONSTRUCTION JOINTS: CONSTRUCTION JOINT OTHER THAN THOSE SHOWN ON THE PLANS WILL NOT BE PERMITTED WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

PLAN NOTES

1. CONTRACTOR SHALL LOCATE AND PROTECT MONITORING WELLS. COST SHALL BE INCLUDED IN THE GENERAL CONSTRUCTION COST.

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no.	date	revisions	by	chk
4	5/12/06	ISSUED CSC	D.Q.	B.K.
3	4/17/06	ISSUED CIVIL REVISED BID	D.Q.	B.K.
2	4/17/06	ISSUED NU FINAL REVIEW	D.Q.	B.K.
1	2/21/06	ISSUED ADDENDUM 3	D.Q.	B.K.

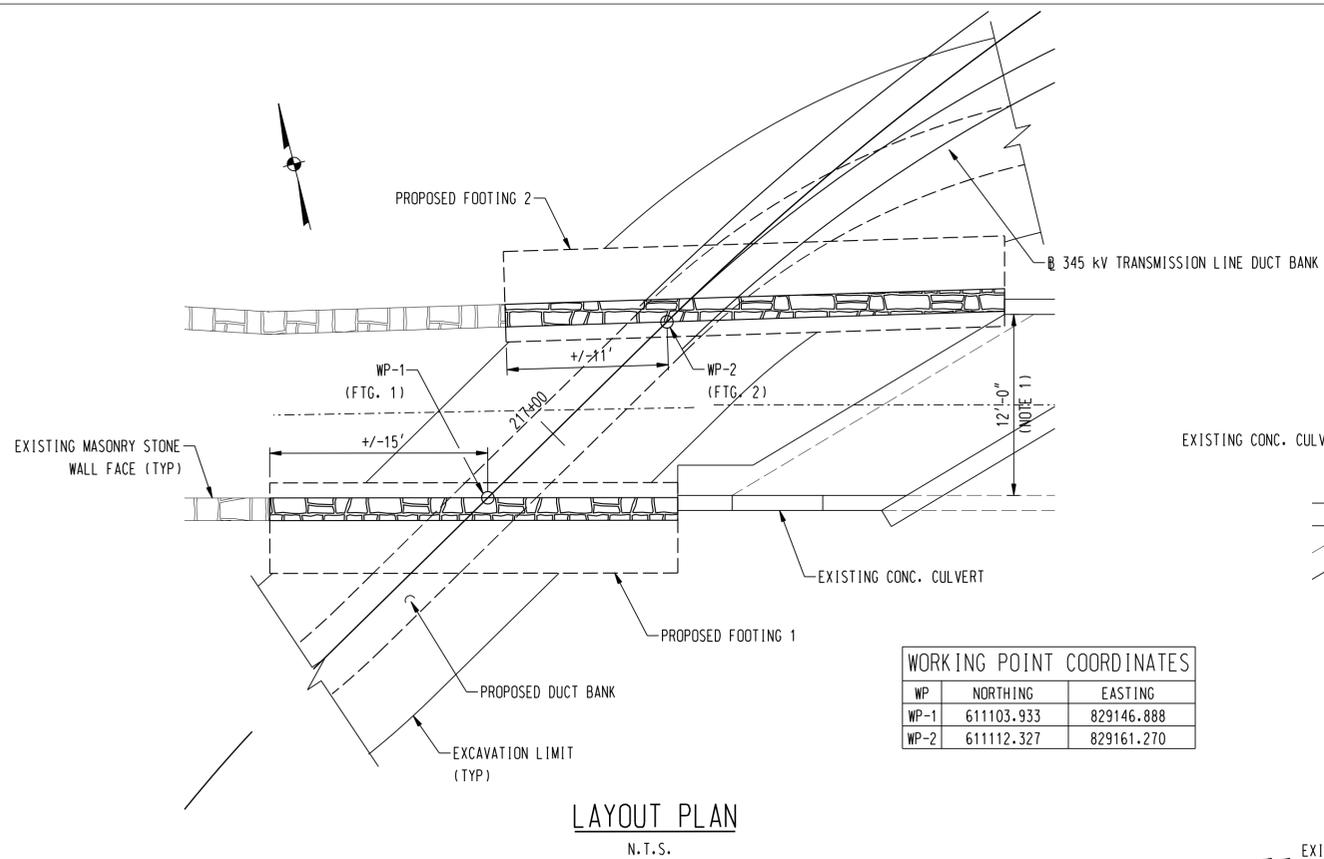
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date 4/17/06
designed M. BEAULIEU
detailed M. BEAULIEU
C. CHUANG
checked D. QUINTIT / B. KUTA

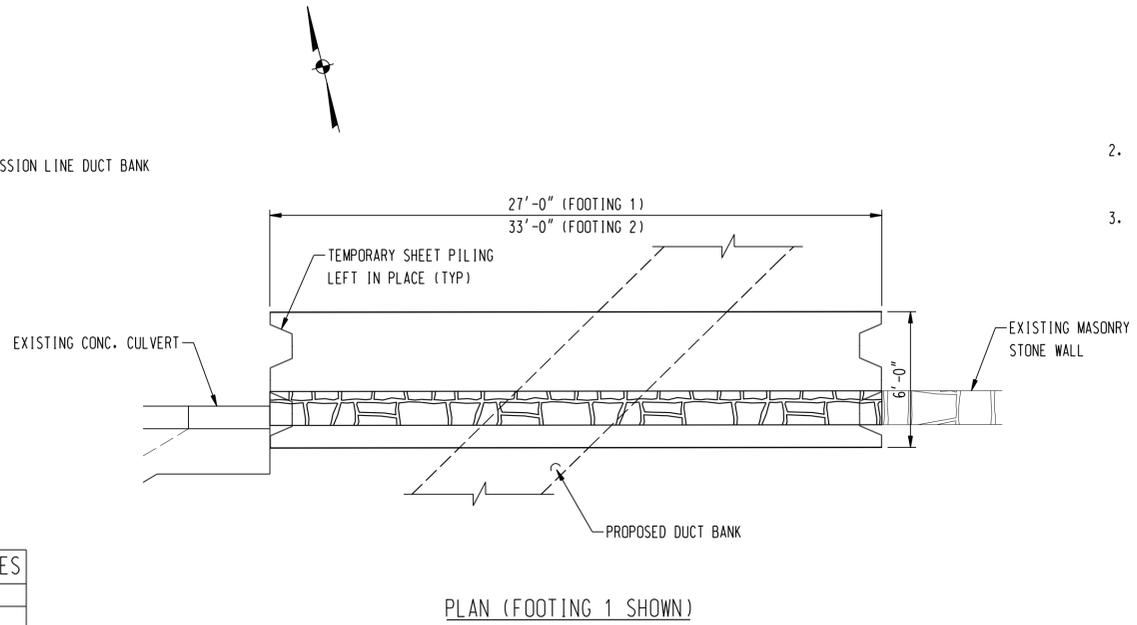
MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.
FOR THE CONNECTICUT LIGHT & POWER COMPANY
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT
STONY BROOK
GENERAL PLAN

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-71003	PG 002

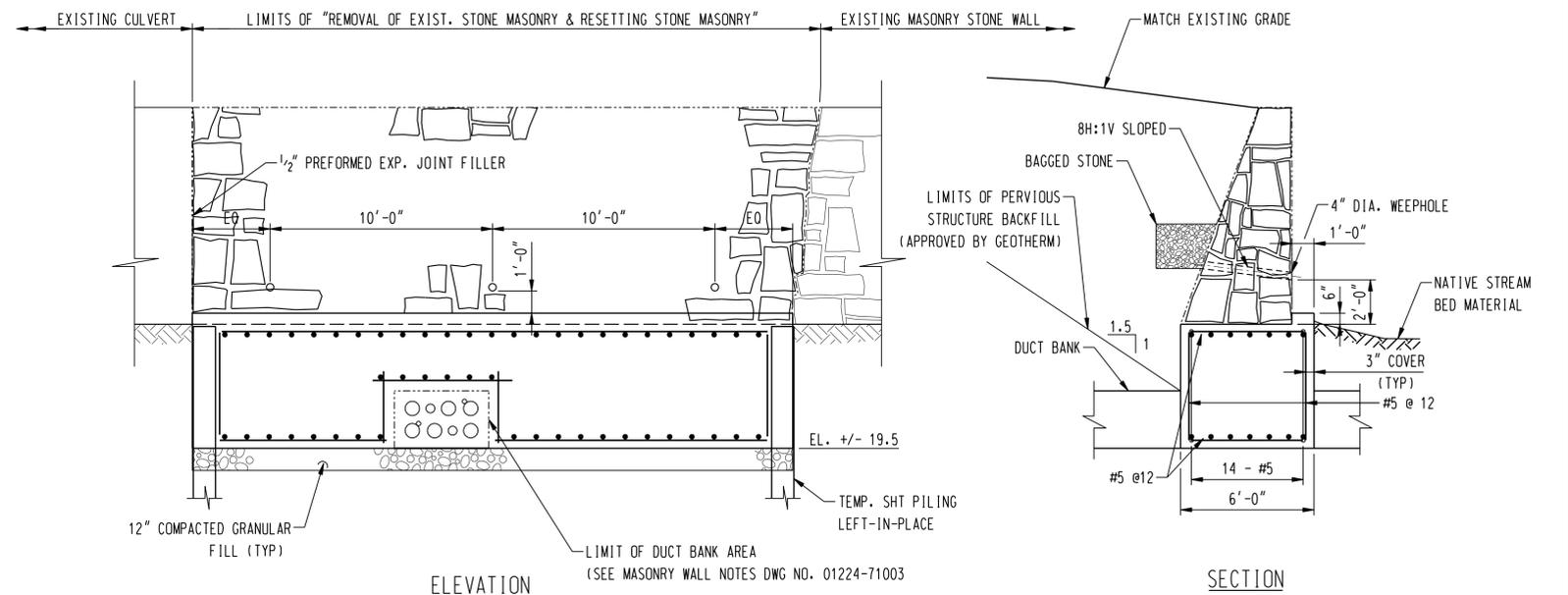
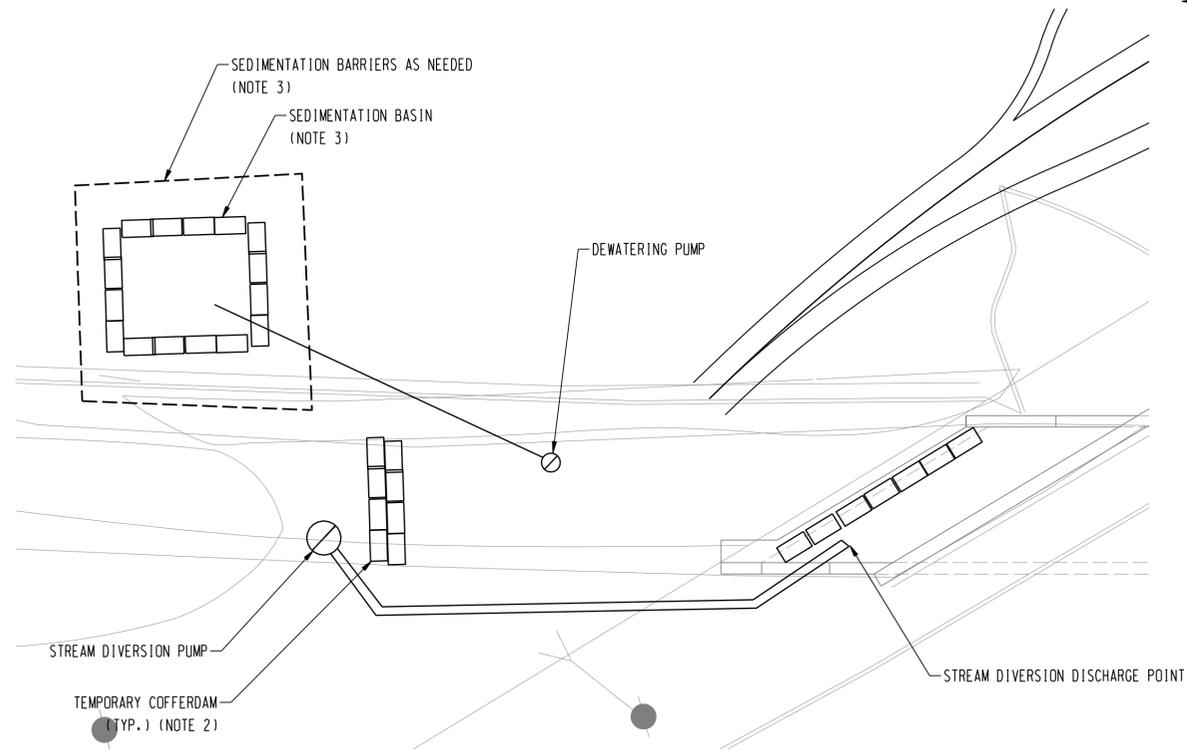


LAYOUT PLAN
N.T.S.



LAYOUT PLAN NOTES:

1. LOCATION OF CENTERLINE OF CHANNEL AS SHOWN ON THE LAYOUT PLAN IS APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY LOCATION OF THE EXISTING CHANNEL WALLS AND ADJUST WORKING POINT COORDINATES ACCORDINGLY (WORKING POINT COORDINATES SHALL BE TAKEN AT THE INTERSECTION OF THE FACE OF WALL AND THE DUCT BANK BASELINE). THE PROPOSED CHANNEL WALLS SHALL BE RECONSTRUCTED IN THEIR ORIGINAL LOCATIONS.
2. COST OF TEMPORARY COFFERDAM SHALL BE INCLUDED IN THE ITEM "HANDLING WATER".
3. COST OF SEDIMENTATION BASIN, INCLUDING SEDIMENTATION BARRIER, SHALL BE INCLUDED IN THE ITEM "HANDLING WATER".



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HANDLING OF WATER PLAN
N.T.S.

WALL FOOTING DETAIL
SCALE: 1/4" = 1'-0"

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no.	date	revisions	by	chk
4	5/12/06	ISSUED CSC	BL	BK
3	4/17/06	ISSUED CIVIL REVISED BID	BL	BK
2	4/17/06	ISSUED NU FINAL REVIEW	BL	BK
1	2/21/06	ISSUED ADDENDUM 3	BL	BK



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NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT
STONY BROOK
LAYOUT PLAN, HANDLING OF WATER PLAN
& WALL FOOTING DETAIL

DATE	DATE	DATE	DATE
2-5-05			
AS NOTED			

SCALE AS NOTED

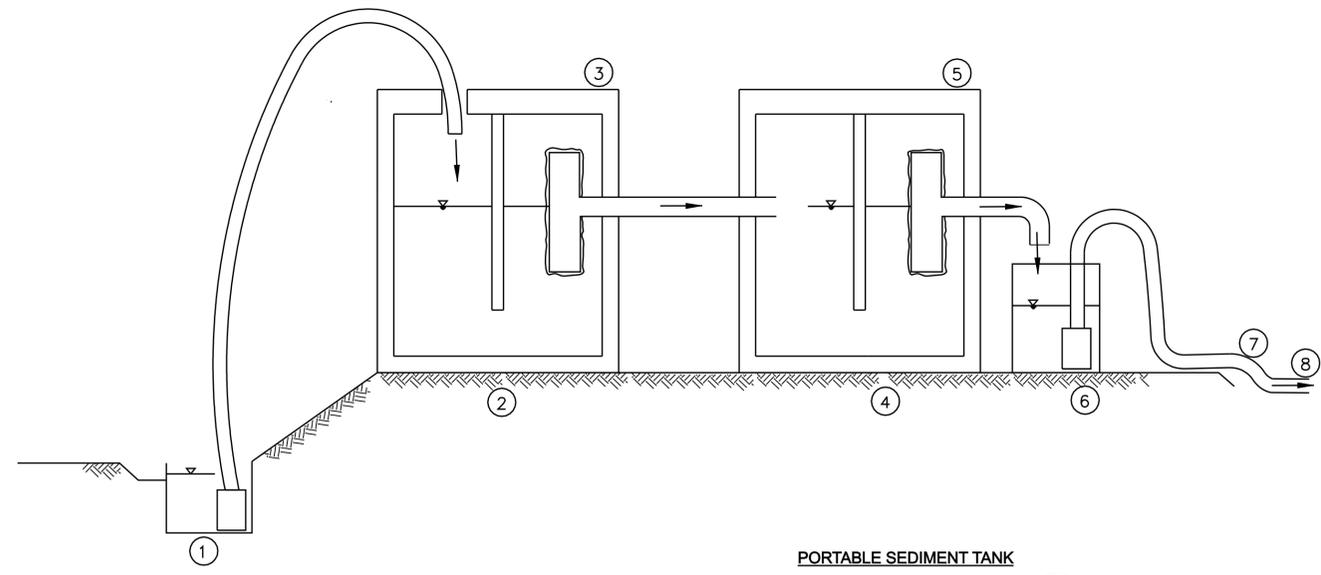
BY SEN-BMCD
DATE 2-5-05
SCALE AS NOTED

CHKD
DATE

APP
DATE

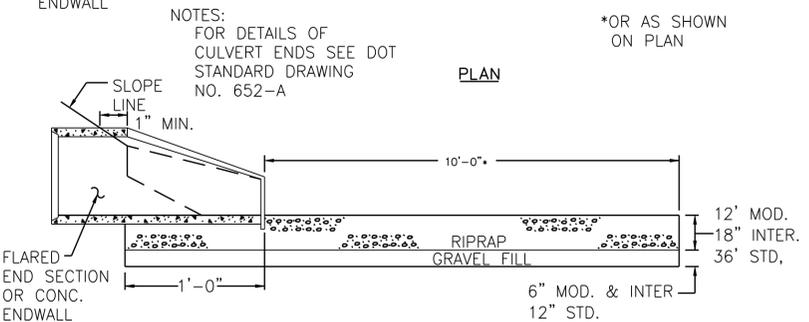
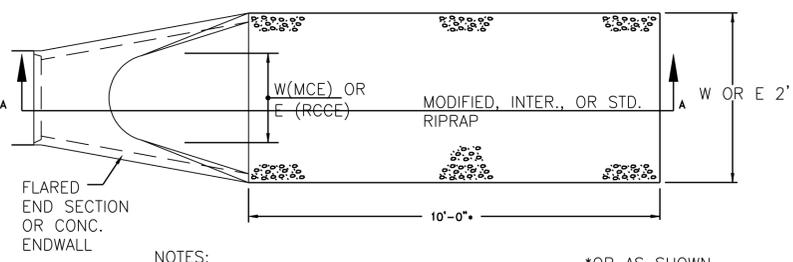
APP
DATE

DWG. NO. 01224-71003 PG 003



- NOTES
- 20 GPM TRASH PUMP DEWATERS FOUNDATION EXCAVATION
 - MUDDY WATER DISCHARGES TO 1,250 GAL SEPTIC TANK (OR DET. OUTLET STRUCTURE)
 - 4" TEE OUTLET WRAPPED W/ FILTER FABRIC
 - 1,250 GAL CLEAR WELL
 - 2ND 4" TEE OUTLET WRAPPED W/ FILTER FABRIC
 - 2ND PUMP IN 55 GAL DRUM (OR GRAVITY HOSE) DRAINS SYSTEM
 - TEMP. OUTLET TO CATCH BASIN IN STREET
 - 2-1,250 GAL. TANKS = 2,500 GAL. CAPACITY TOTAL

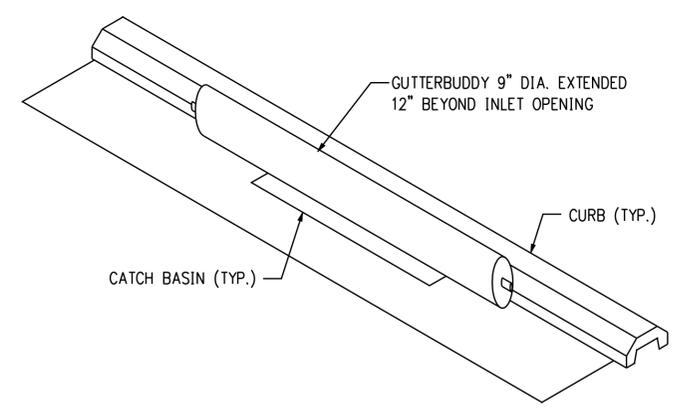
PORTABLE SEDIMENT TANK
DETAIL
 NTS



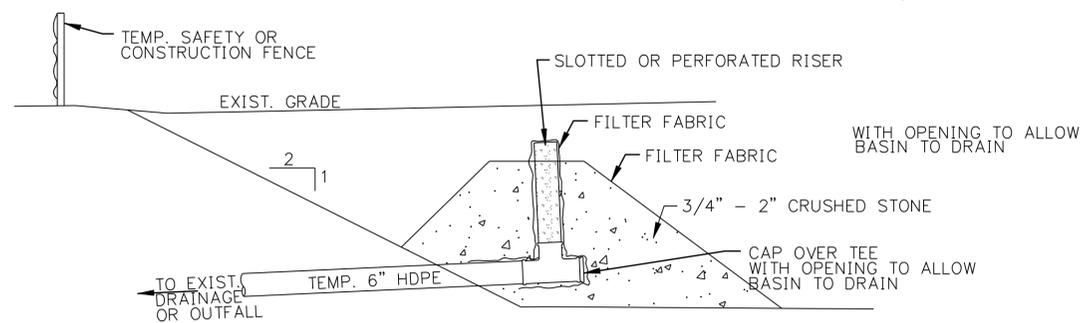
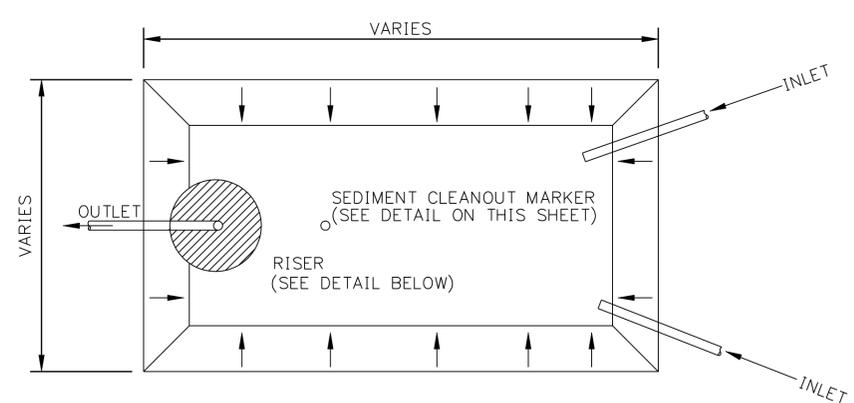
RIPRAP TYPE	"T" (INCHES)
INTERMEDIATE	18
MODIFIED	12
STANDARD	36

SECTION A-A

LEVEL SPREADER
DETAIL
 NTS



GUTTERBUDDY STORM DRAIN
DETAIL
 NTS



TEMPORARY SEDIMENT TRAP
DETAIL
 NTS

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2	1/11/06	ISSUED CIVIL RFP		CTC
1	11/09/05	ISSUED 60% PRELIMINARY		CTC



date 11/09/05
 detailed BL COMPANIES
 designed BL COMPANIES
 checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
EROSION CONTROL DETAILS			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-15003	PG 002