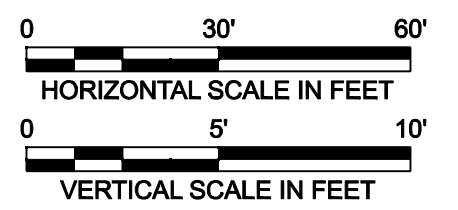
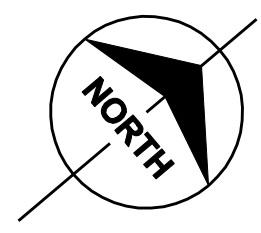
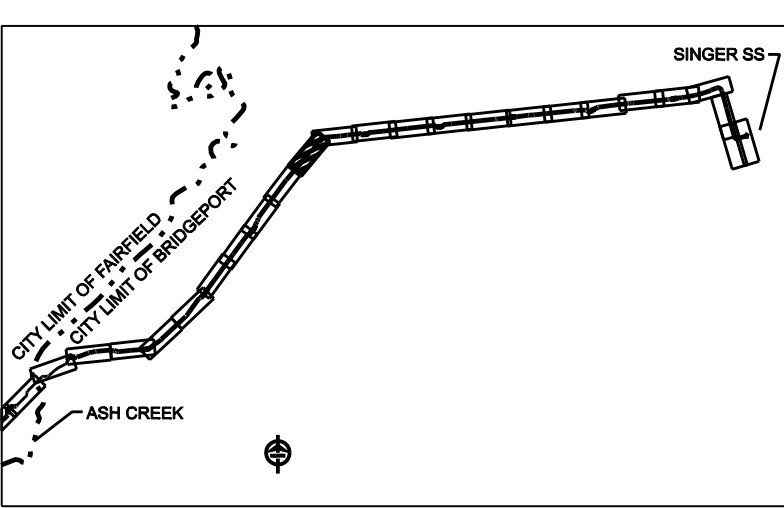
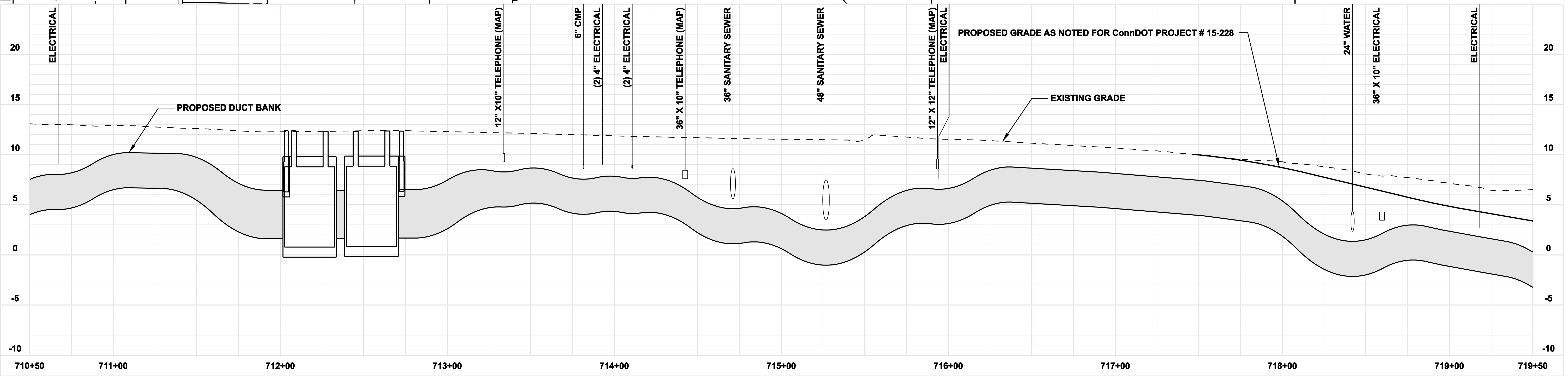


- NOTES:**
- TREES AND SHRUBBERY TO BE REMOVED.
 - SILT FENCE ON DOWN SLOPE SIDE OF CONSTRUCTION AREA, INCLUDING SPOIL PILES. IF AREAS ARE CURRENTLY PAVED THEN USE EROSION CONTROL LOGS/ GUTTER BUDDIES.

EXISTING SURFACE AT INTERSECTION OF RAILROAD AVE AND FAIRFIELD AVE WILL BE REGRADED AS PART OF ConnDOT PROJECT # 15-226.



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DOCKET No. 272

no.	date	revisions	by	chk
8	4/17/06	ISSUED CABLE RFP	CTC	
7	4/17/06	ISSUED NU 3rd REVIEW	CTC	
1-U	2/10/06	ADDENDUM		
5	1/11/06	ISSUED CIVIL RFP	CTC	
4	12/14/05	ISSUED CSC	CTC	
3	11/10/05	ISSUED NU FINAL REVIEW	CTC	
10	4/28/06	ISSUED CSC REVISED	CTC	
9	4/17/06	ISSUED CIVIL REVISED BID	CTC	

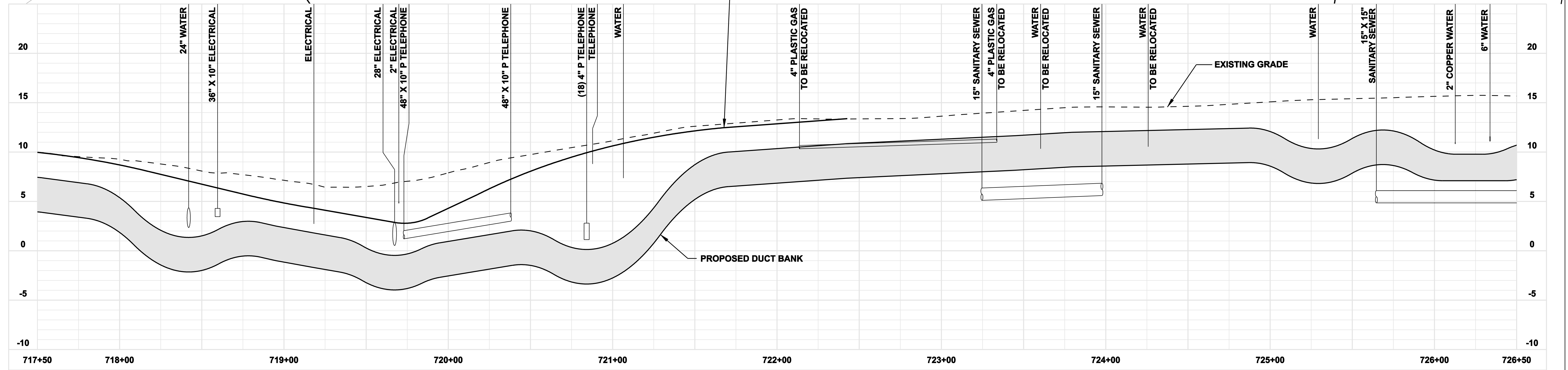
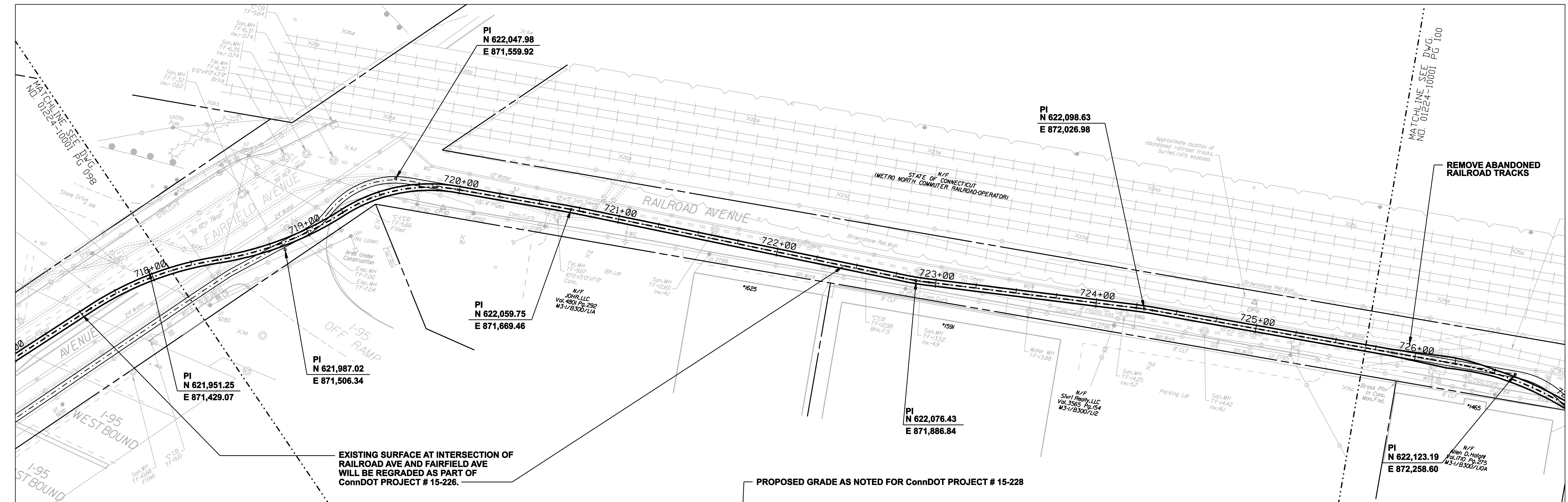
Burns & McDonnell
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date: 08/15/05
designed: C. COURTRIGHT
detailed: L. ROWSE
checked: S. NEWLAND

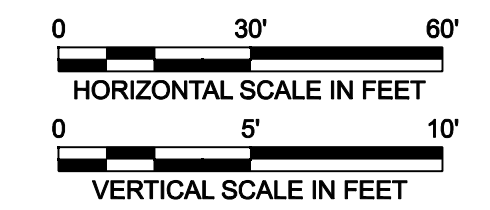
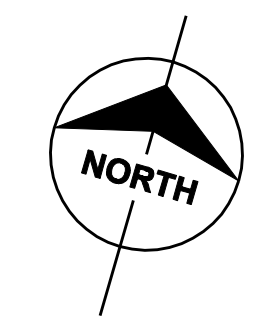
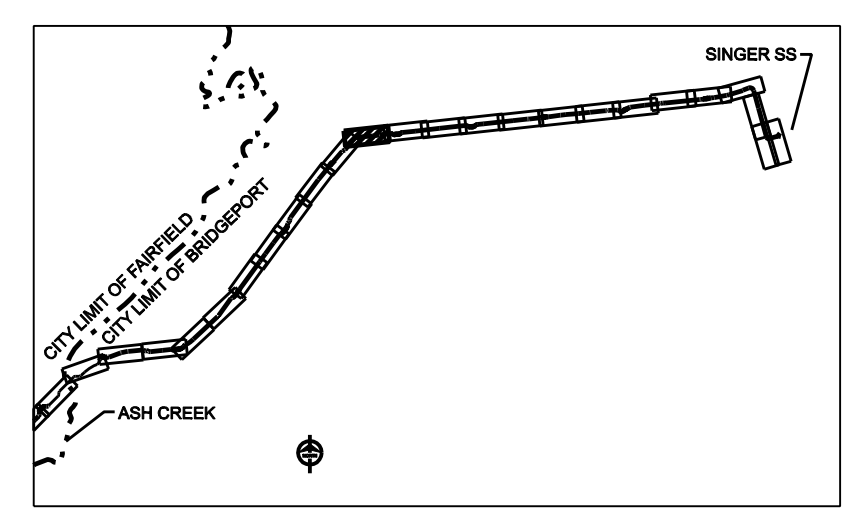
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NORTHEAST UTILITIES SERVICE CO.
FOR THE CONNECTICUT LIGHT & POWER COMPANY
TITLE: MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT
CITY OF BRIDGEPORT ROUTE
PLAN AND PROFILE AT 710+50 TO 719+50

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 098	



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7	4/17/06	ISSUED NU 3rd REVIEW	CTC	
1-U	2/10/06	ADDENDUM		
5	1/11/06	ISSUED CIVIL RFP	CTC	
4	12/14/05	ISSUED CSC	CTC	
3	11/10/05	ISSUED NU FINAL REVIEW	CTC	
10	4/28/06	ISSUED CSC REVISED	CTC	
9	4/17/06	ISSUED CIVIL REVISED BID	CTC	

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detailed: L. ROWSE
checked: S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

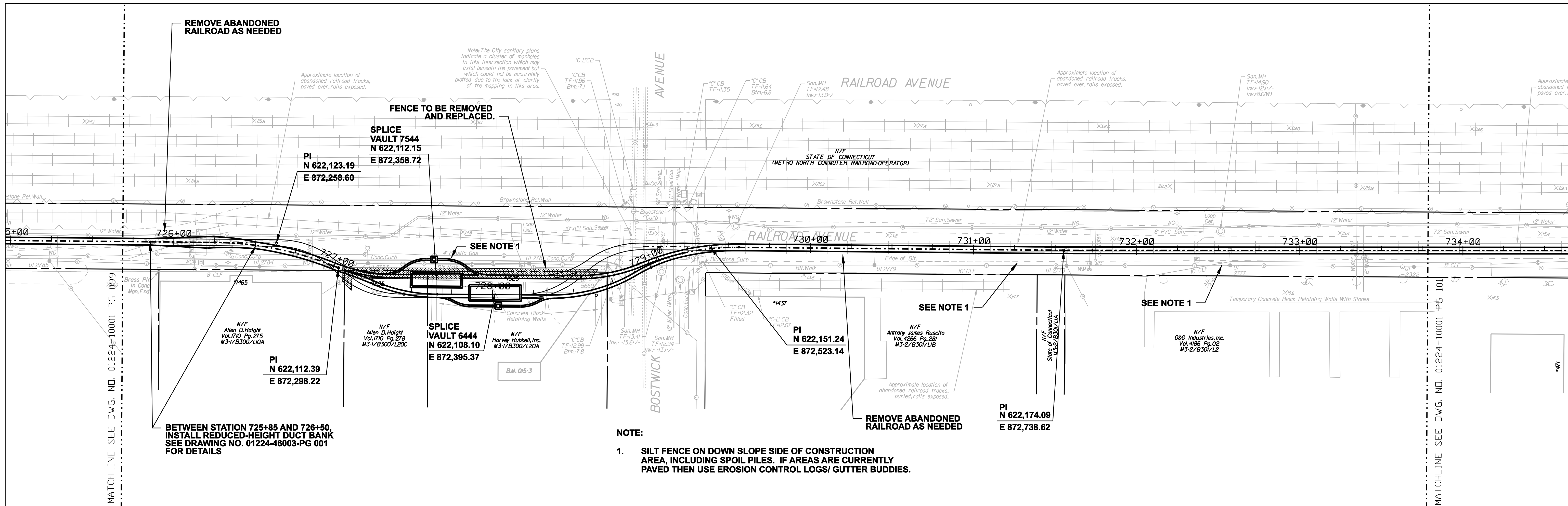
NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

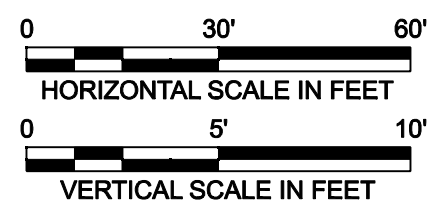
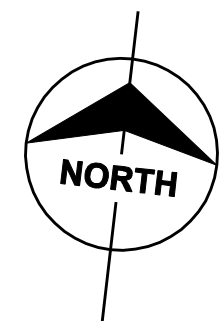
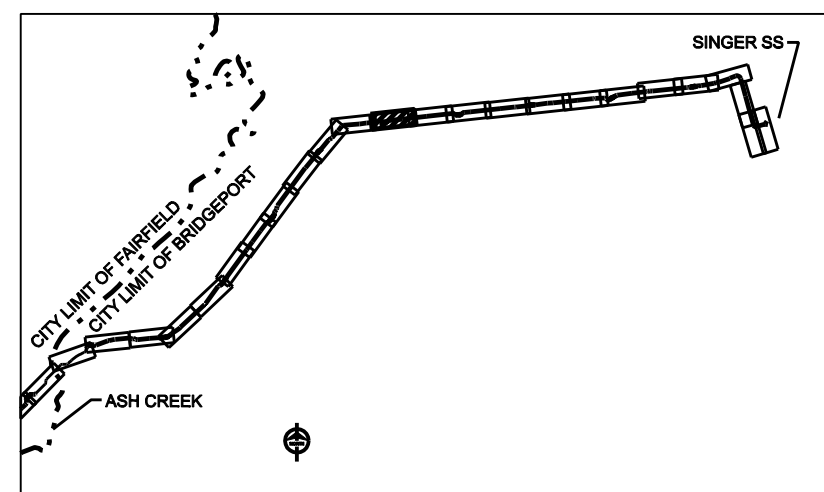
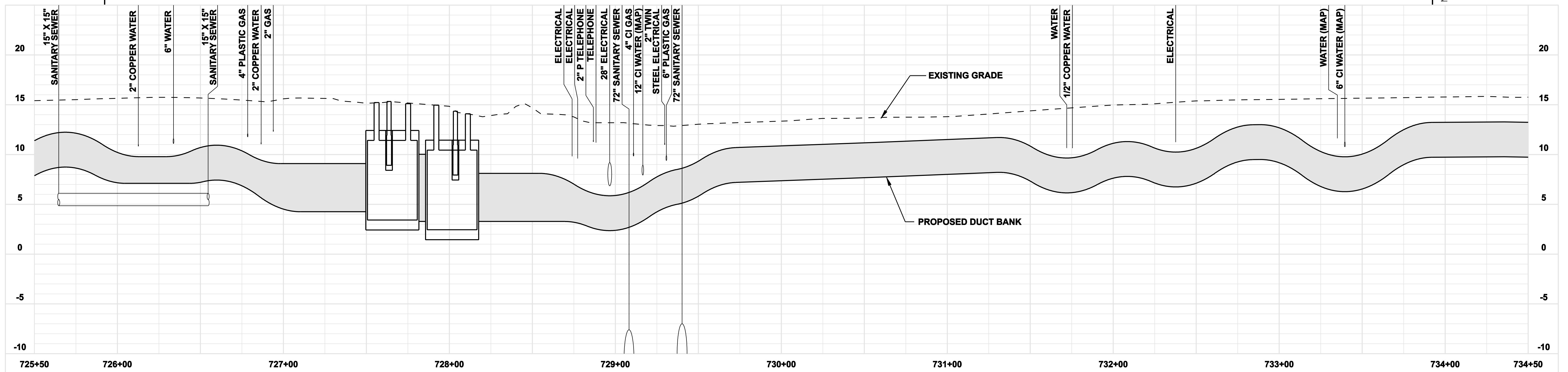
TITLE: MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

CITY OF BRIDGEPORT ROUTE
PLAN AND PROFILE AT 717+50 TO 726+50

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 099	



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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8	4/17/06	ISSUED CIVIL REVISED BID	CTC
7	4/17/06	ISSUED CABLE RFP	CTC
6	4/17/06	ISSUED NU 3rd REVIEW	CTC
5	1/11/06	ISSUED CIVIL RFP	CTC
4	12/14/05	ISSUED CSC	CTC
3	11/10/05	ISSUED NU FINAL REVIEW	CTC
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9	4/28/06	ISSUED CSC REVISED	CTC
no.	date	revisions	by chk

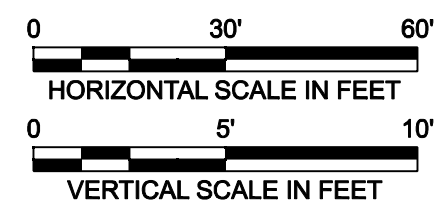
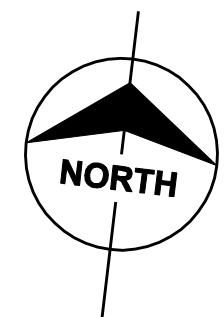
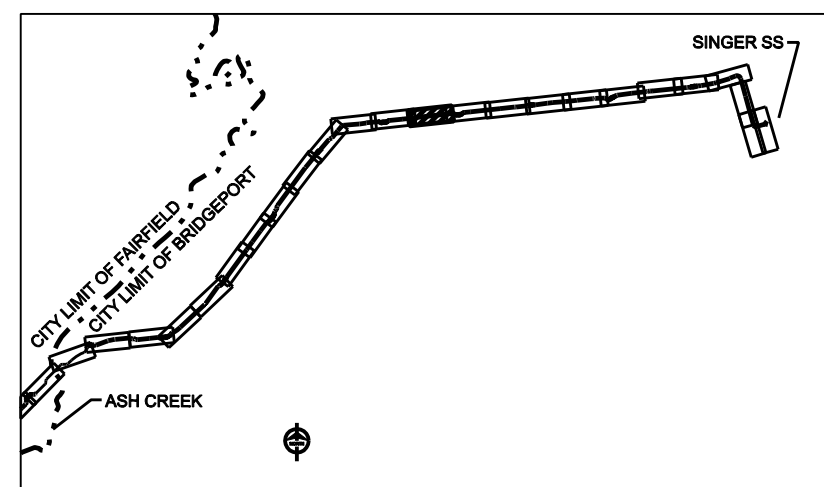
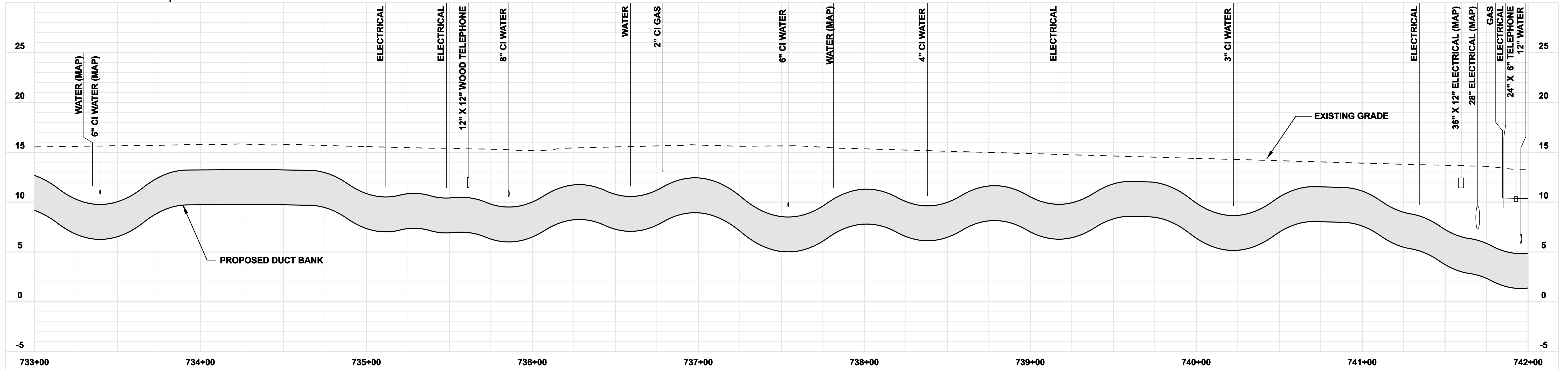
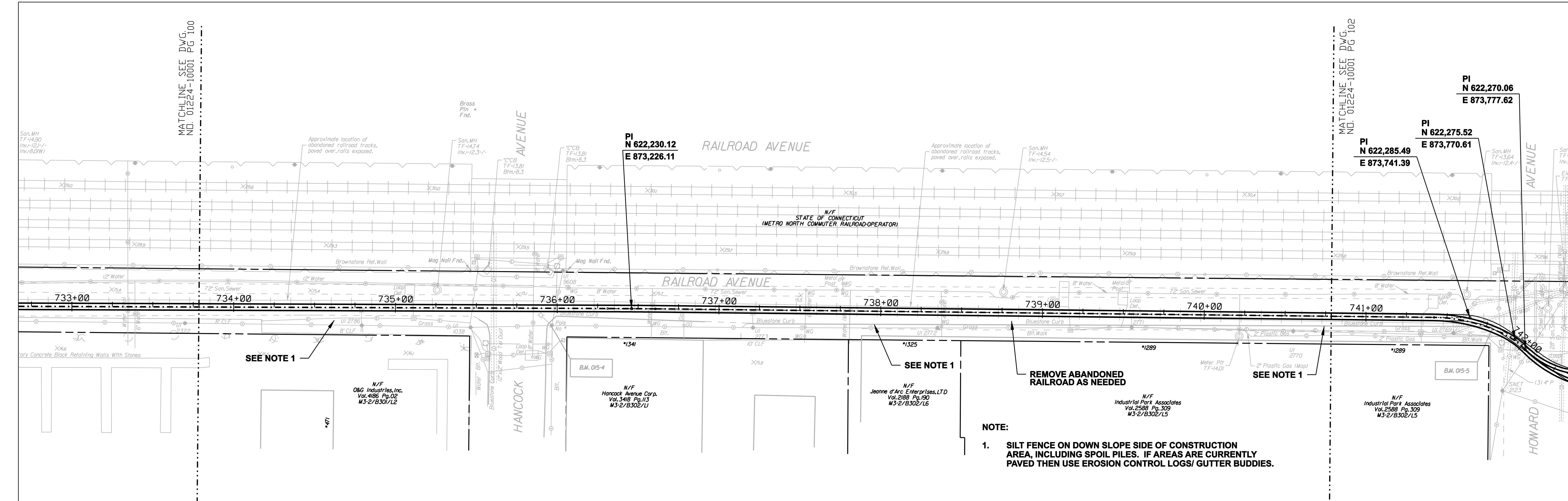
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date: 08/15/05
 designed: C. COURTRIGHT
 detailed: L. ROWSE
 checked: S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.
 FOR THE CONNECTICUT LIGHT & POWER COMPANY
 TITLE: MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT
 CITY OF BRIDGEPORT ROUTE
 PLAN AND PROFILE AT 725+50 TO 734+50

BY SEN-BMCD	CHKD	APP	APP
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3	11/10/05	ISSUED NU FINAL REVIEW	CTC	
2	9/07/05	ISSUED DOT/MUNICIPALITY REVIEW	CTC	
9	4/28/06	ISSUED CSC REVISED	CTC	

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designed C. COURTRIGHT checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

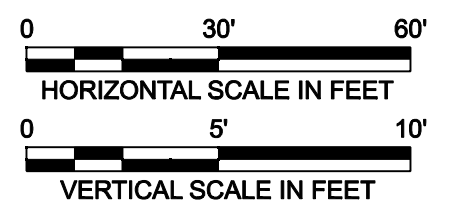
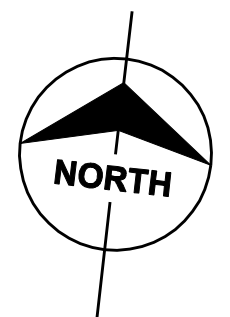
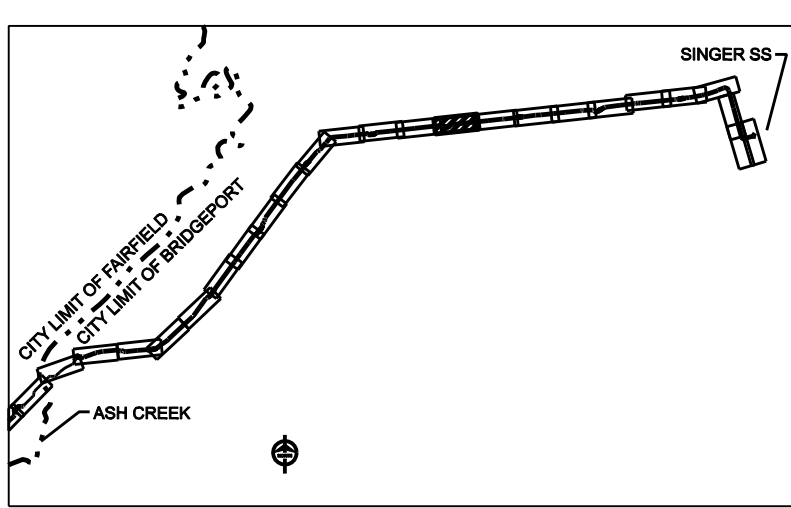
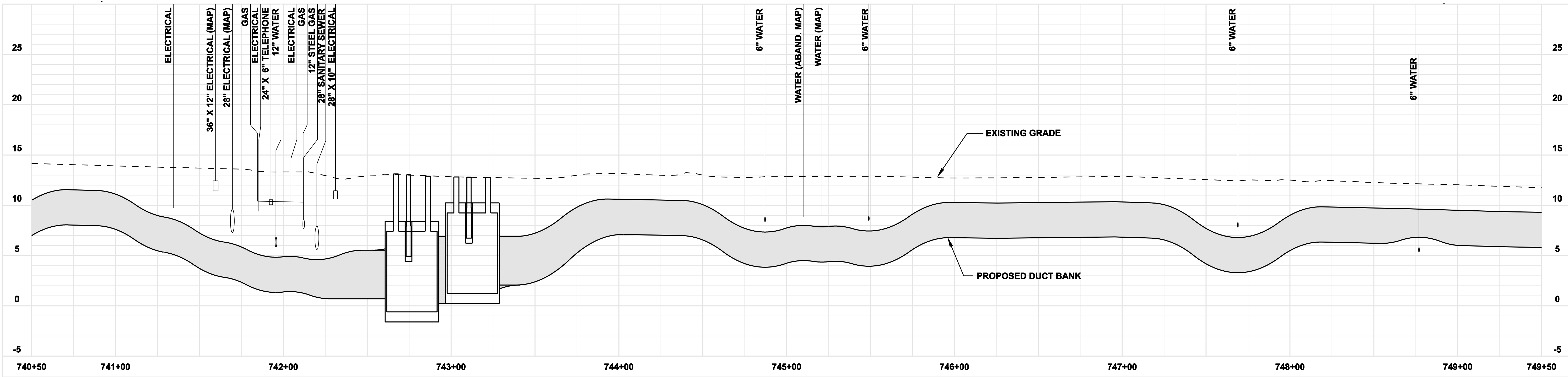
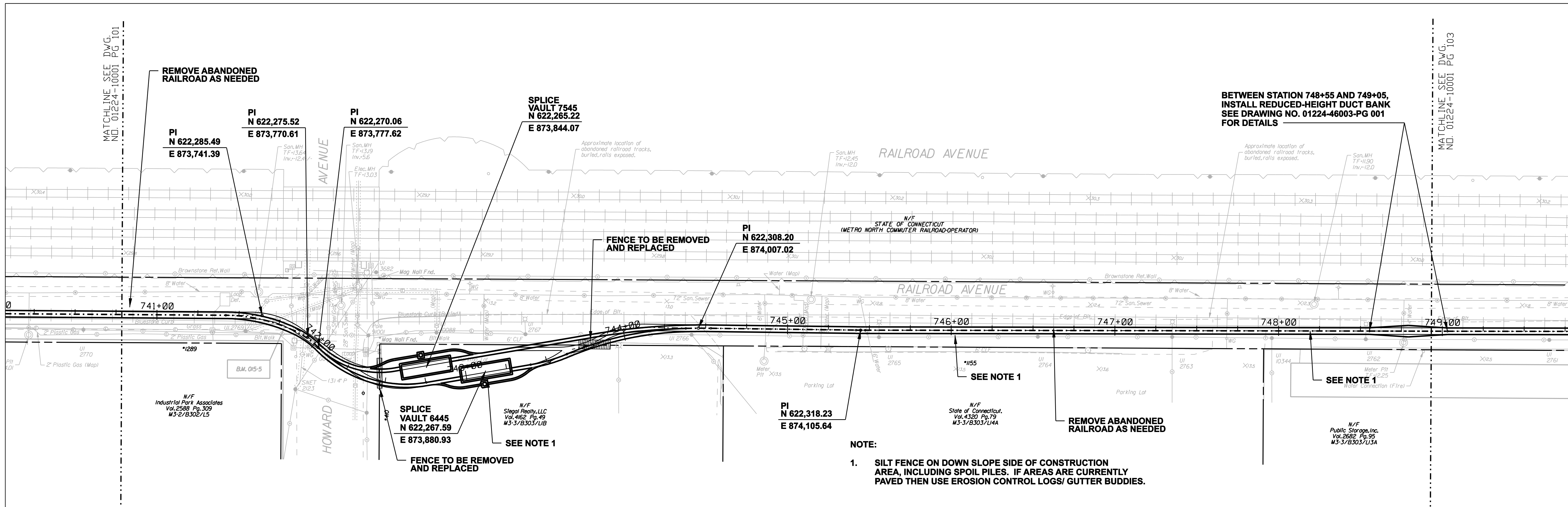
NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

CITY OF BRIDGEPORT ROUTE
PLAN AND PROFILE AT 733+00 TO 742+00


BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 101	



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3	11/10/05	ISSUED NU FINAL REVIEW	CTC	
2	9/07/05	ISSUED DOT/MUNICIPALITY REVIEW	CTC	
9	4/28/06	ISSUED CSC REVISED	CTC	



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

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

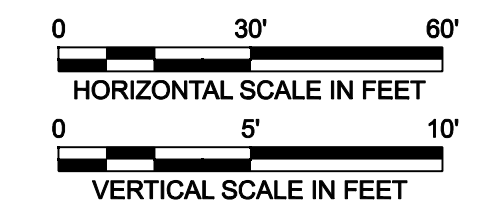
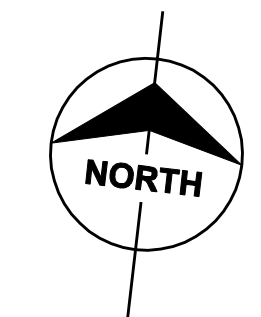
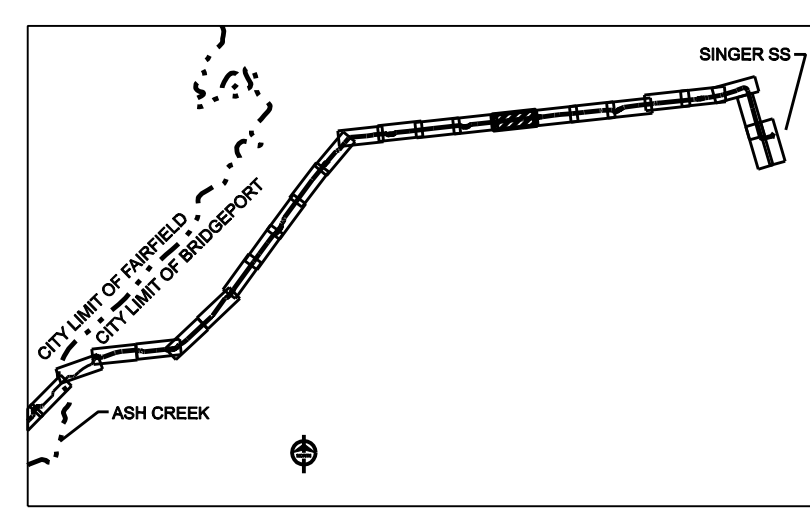
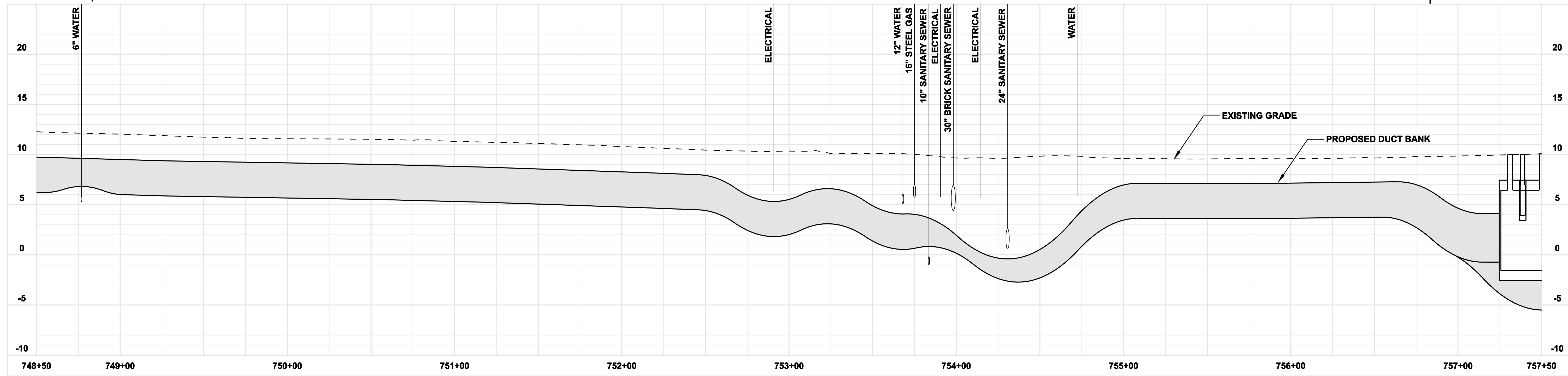
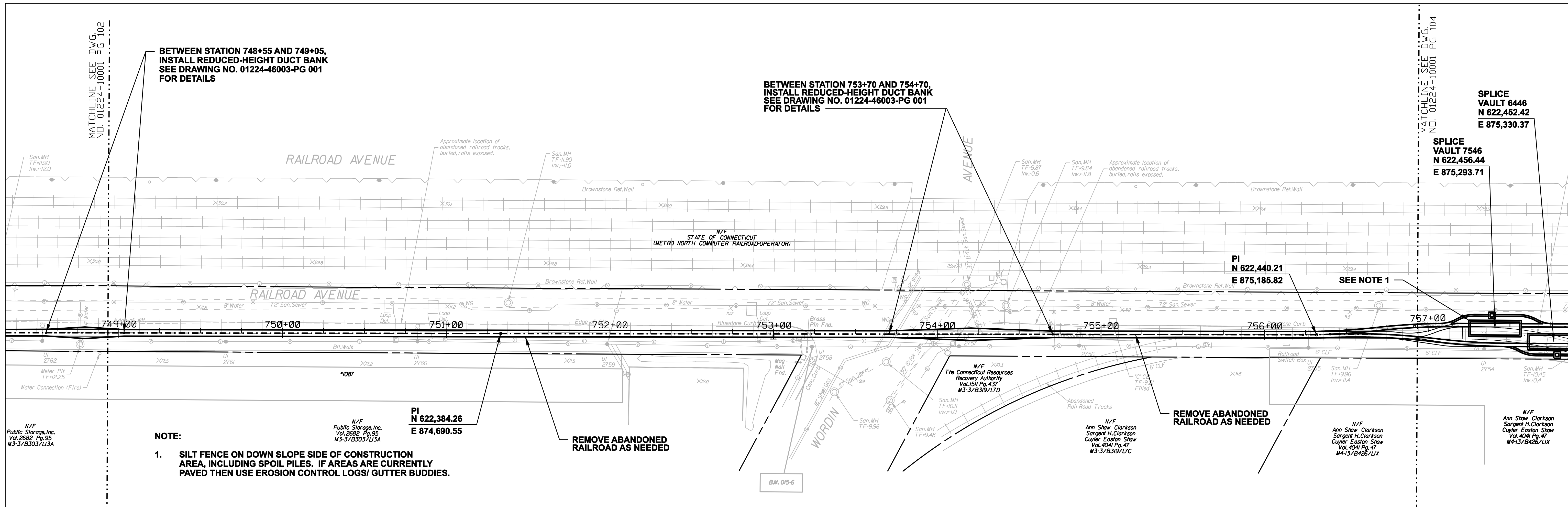
NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

CITY OF BRIDGEPORT ROUTE
PLAN AND PROFILE AT 740+50 TO 749+50

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO.	01224-10001 PG 102



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7	4/17/06	ISSUED CABLE RFP	CTC	
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4	12/14/05	ISSUED CSC	CTC	
3	11/10/05	ISSUED NU FINAL REVIEW	CTC	
2	9/07/05	ISSUED DOT/MUNICIPALITY REVIEW	CTC	
9	4/28/06	ISSUED CSC REVISED	CTC	

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checked: S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

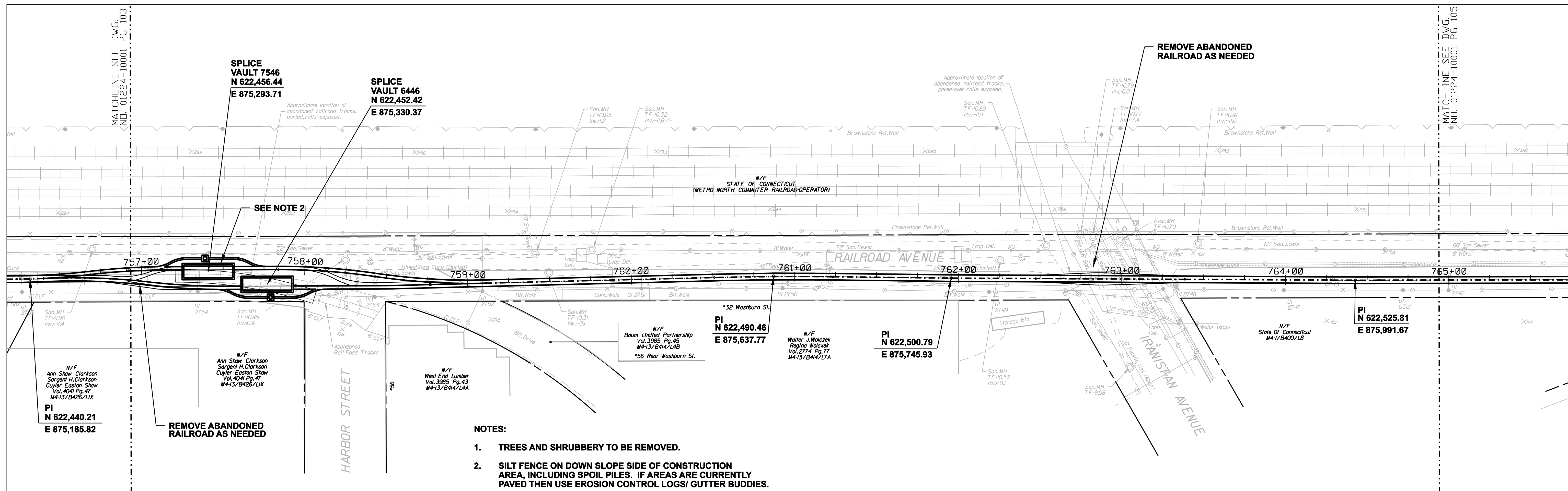
TITLE: MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

CITY OF BRIDGEPORT ROUTE
PLAN AND PROFILE AT 748+50 TO 757+50

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 103	

MATCHLINE SEE DWG. NO. 01224-10001 PG. 103

MATCHLINE SEE DWG. NO. 01224-10001 PG. 105



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E 875,293.71

SPLICE VAULT 6446
N 622,452.42
E 875,330.37

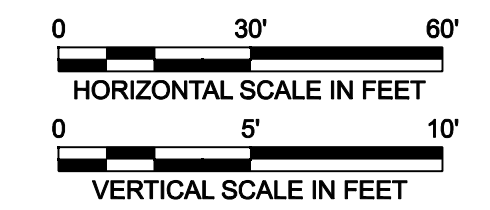
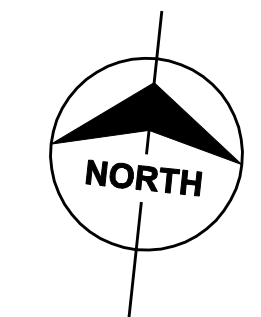
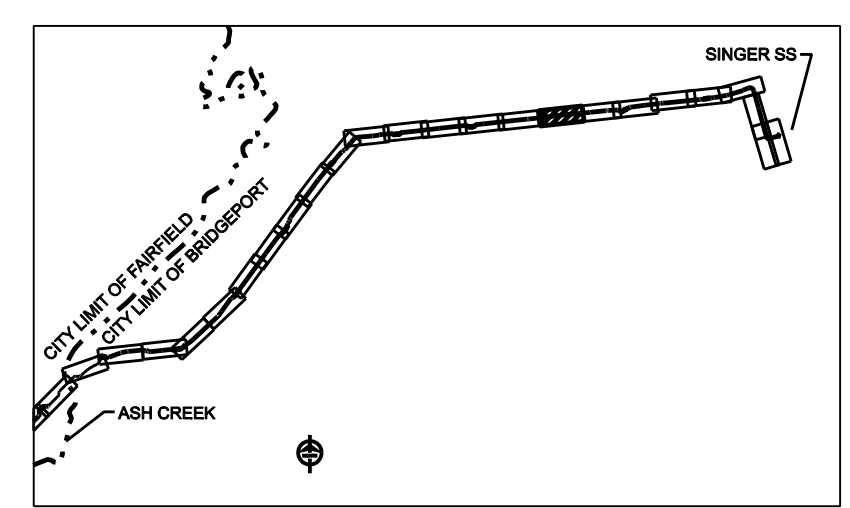
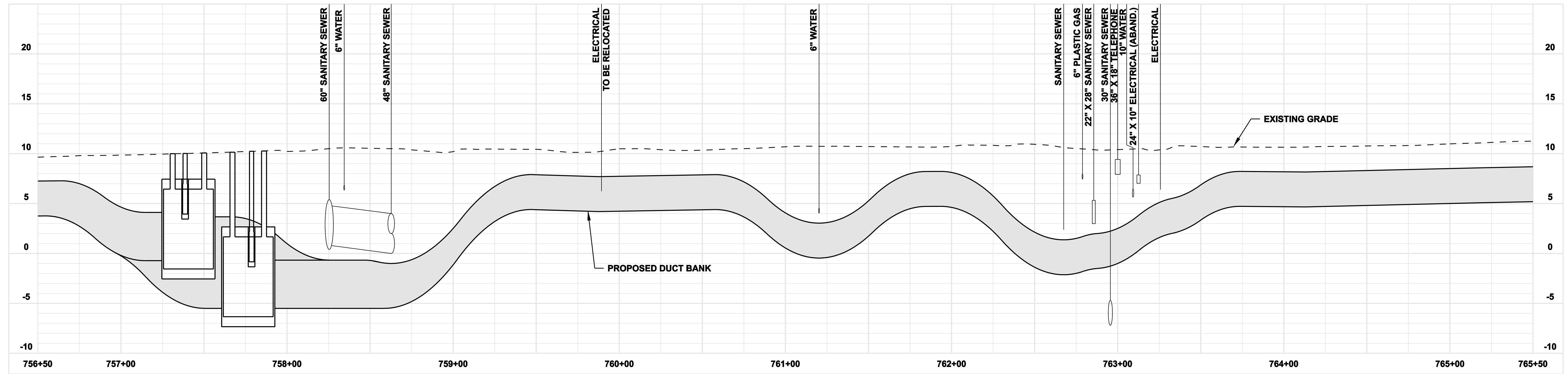
SEE NOTE 2

REMOVE ABANDONED RAILROAD AS NEEDED

REMOVE ABANDONED RAILROAD AS NEEDED

NOTES:

1. TREES AND SHRUBBERY 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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6	4/17/06	ISSUED NU 3rd REVIEW	CTC
5	1/11/06	ISSUED CIVIL RFP	CTC
4	12/14/05	ISSUED CSC	CTC
3	11/10/05	ISSUED NU FINAL REVIEW	CTC
2	9/07/05	ISSUED DOT/MUNICIPALITY REVIEW	CTC
9	4/28/06	ISSUED CSC REVISED	CTC
no.	date	revisions	by chg

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NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE: MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

CITY OF BRIDGEPORT ROUTE
PLAN AND PROFILE AT 756+50 TO 765+50

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 104	

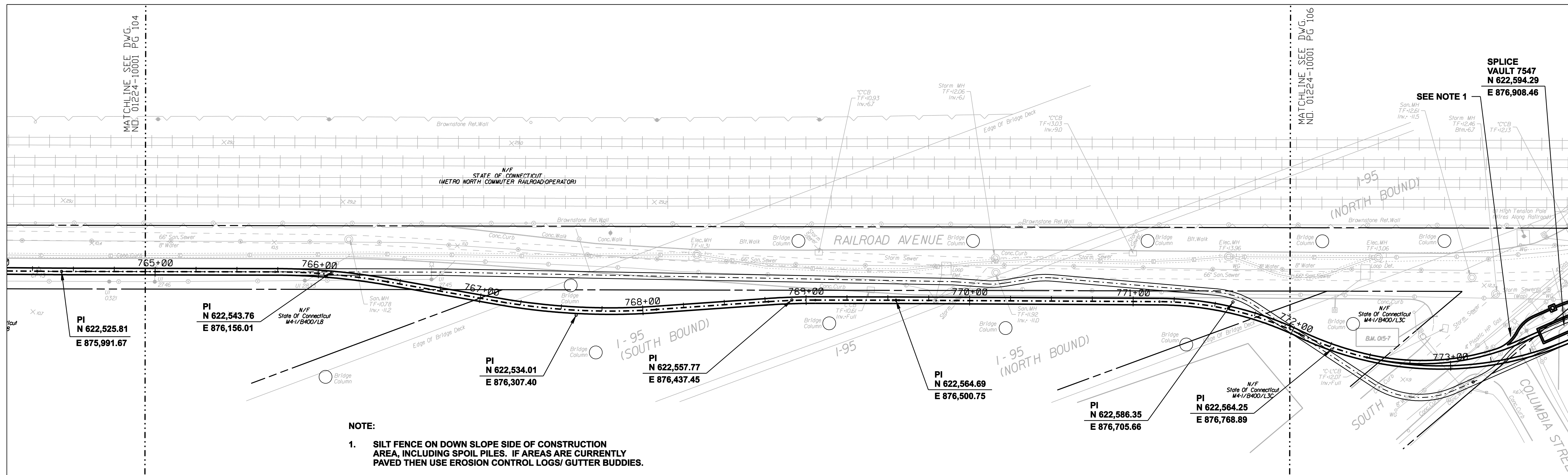
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MATCHLINE SEE DWG. NO. 01224-10001 PG 104

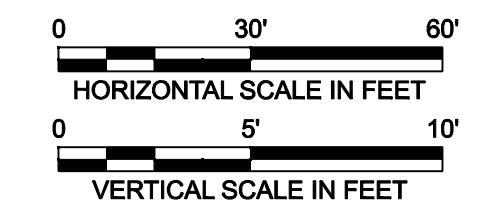
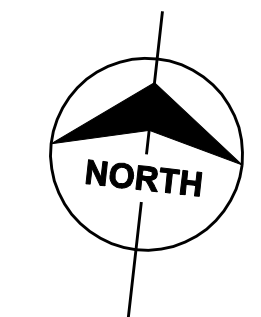
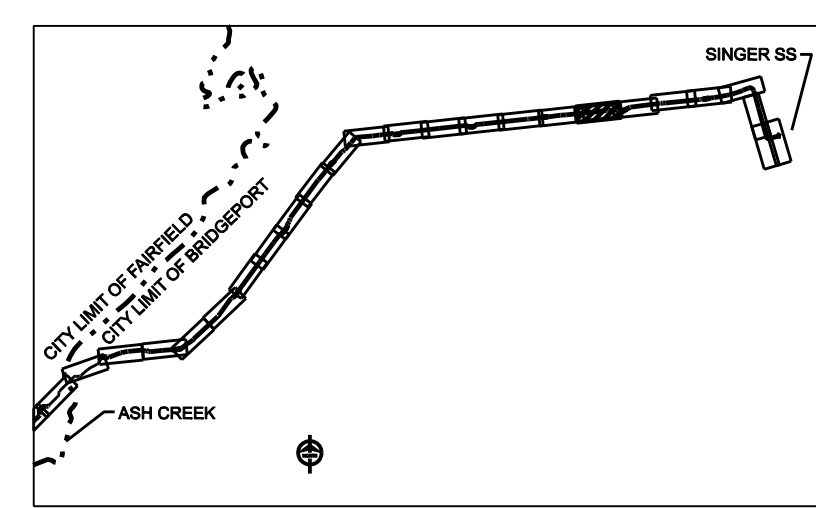
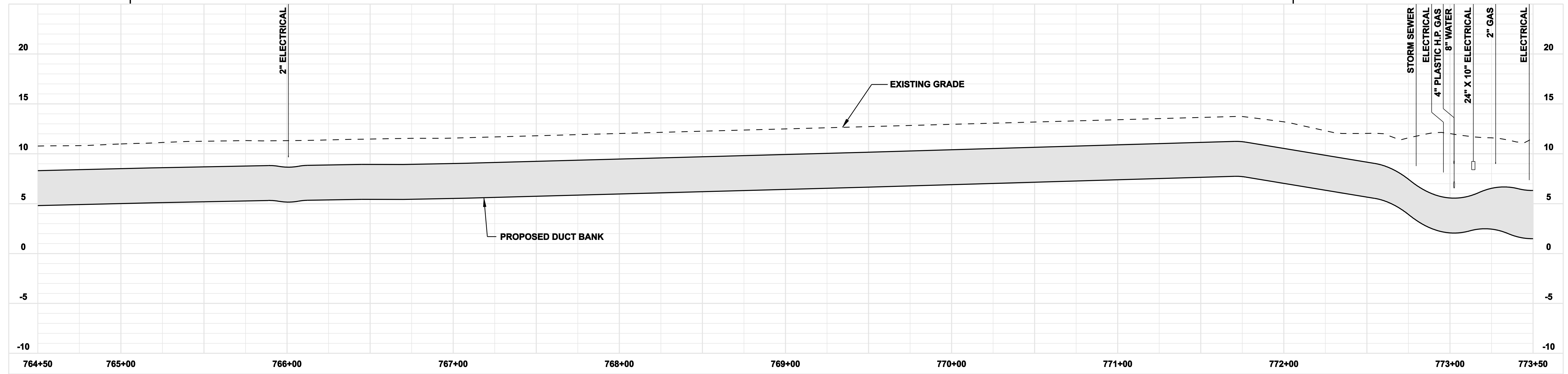
MATCHLINE SEE DWG. NO. 01224-10001 PG 106

SPLICE VAULT 7547
N 622,594.29
E 876,908.46

SEE NOTE 1



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
8	4/17/06	ISSUED CIVIL REVISED BID	CTC	
7	4/17/06	ISSUED CABLE RFP	CTC	
6	4/17/06	ISSUED NU 3rd REVIEW	CTC	
5	1/11/06	ISSUED CIVIL RFP	CTC	
4	12/14/05	ISSUED CSC	CTC	
3	11/10/05	ISSUED NU FINAL REVIEW	CTC	
2	9/07/05	ISSUED DOT/MUNICIPALITY REVIEW	CTC	
9	4/28/06	ISSUED CSC REVISED	CTC	

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date: 08/15/05
designed: C. COURTRIGHT

detailed: L. ROWSE
checked: S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

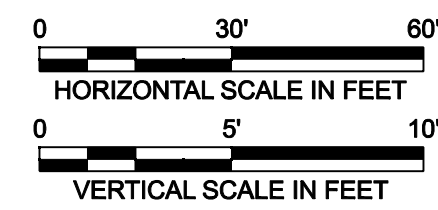
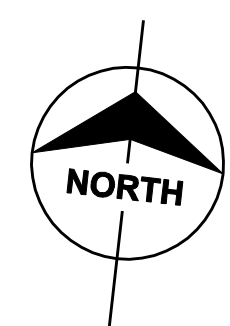
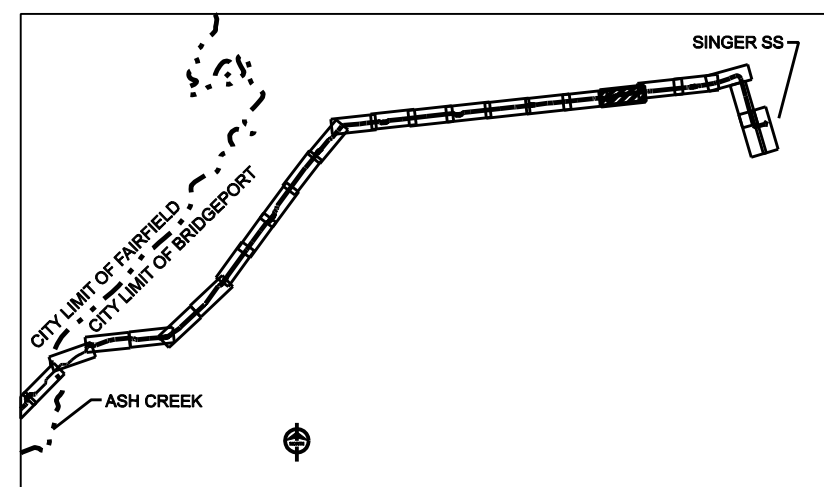
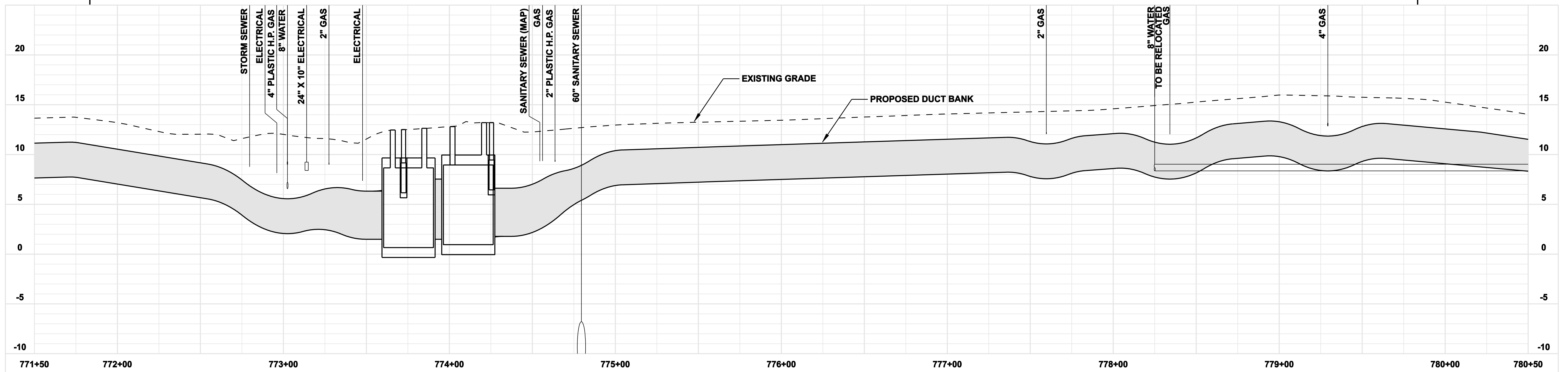
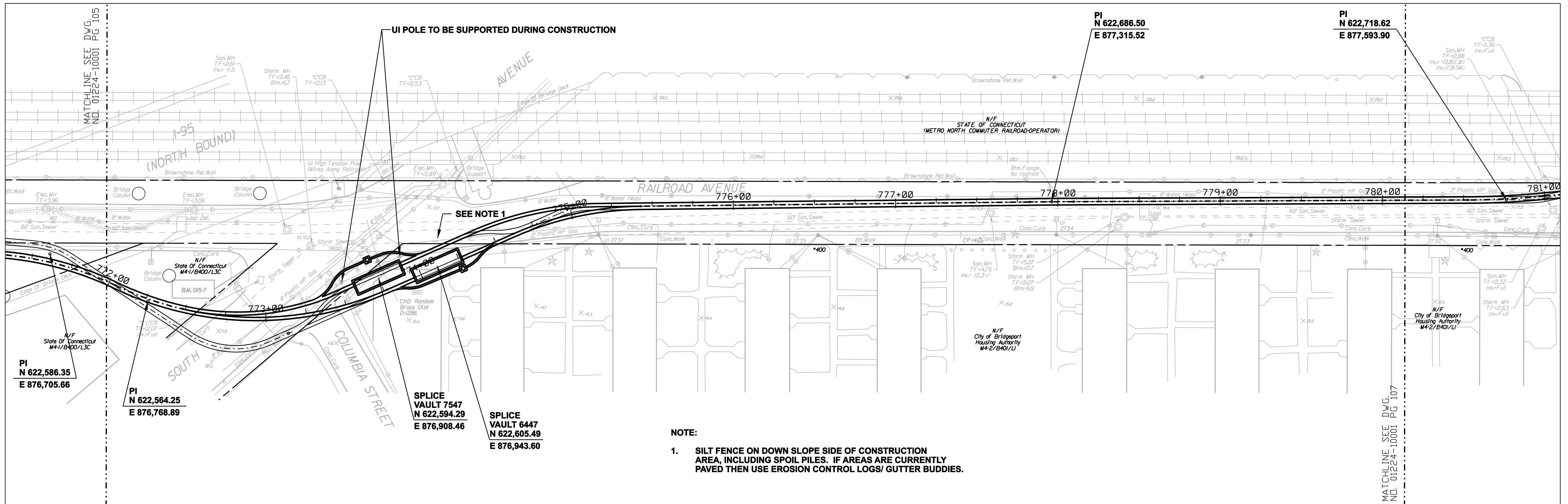
NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE: MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT
CITY OF BRIDGEPORT ROUTE
PLAN AND PROFILE AT 764+50 TO 773+50

BY SEN-BMCD	CHKD	APP	APP
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8	4/17/06	ISSUED CIVIL REVISED BID	CTC	
7	4/17/06	ISSUED CABLE RFP	CTC	
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4	12/14/05	ISSUED CSC	CTC	
3	11/10/05	ISSUED NU FINAL REVIEW	CTC	
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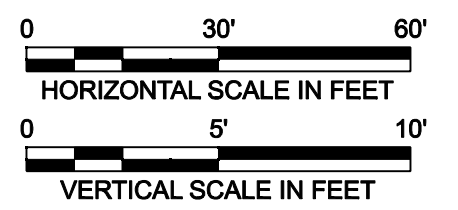
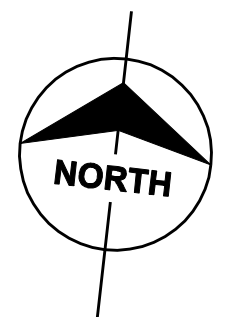
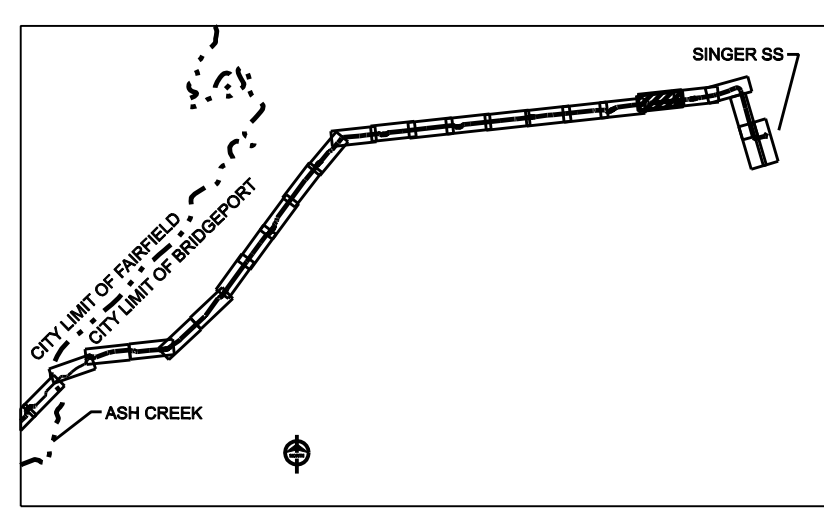
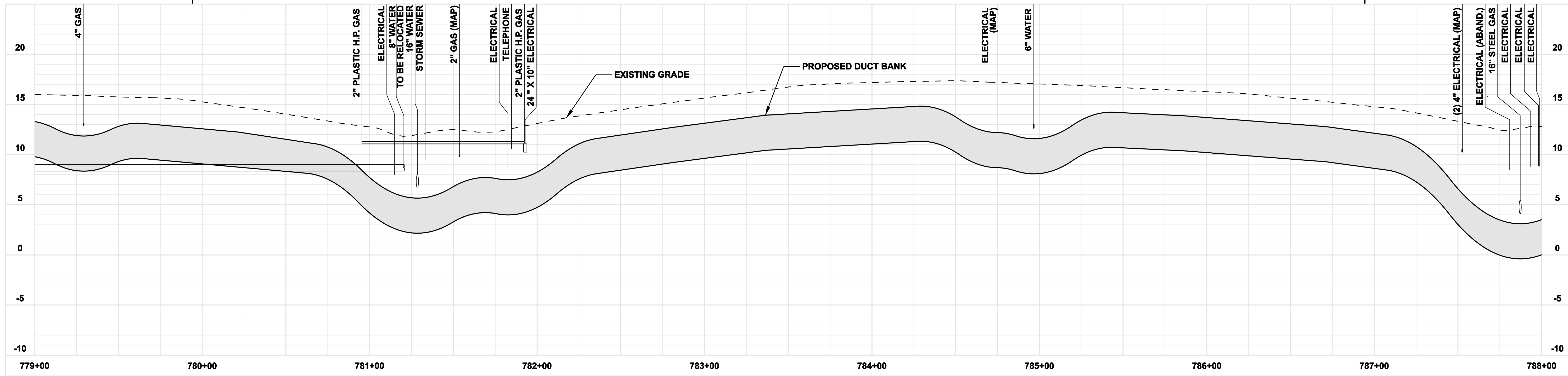
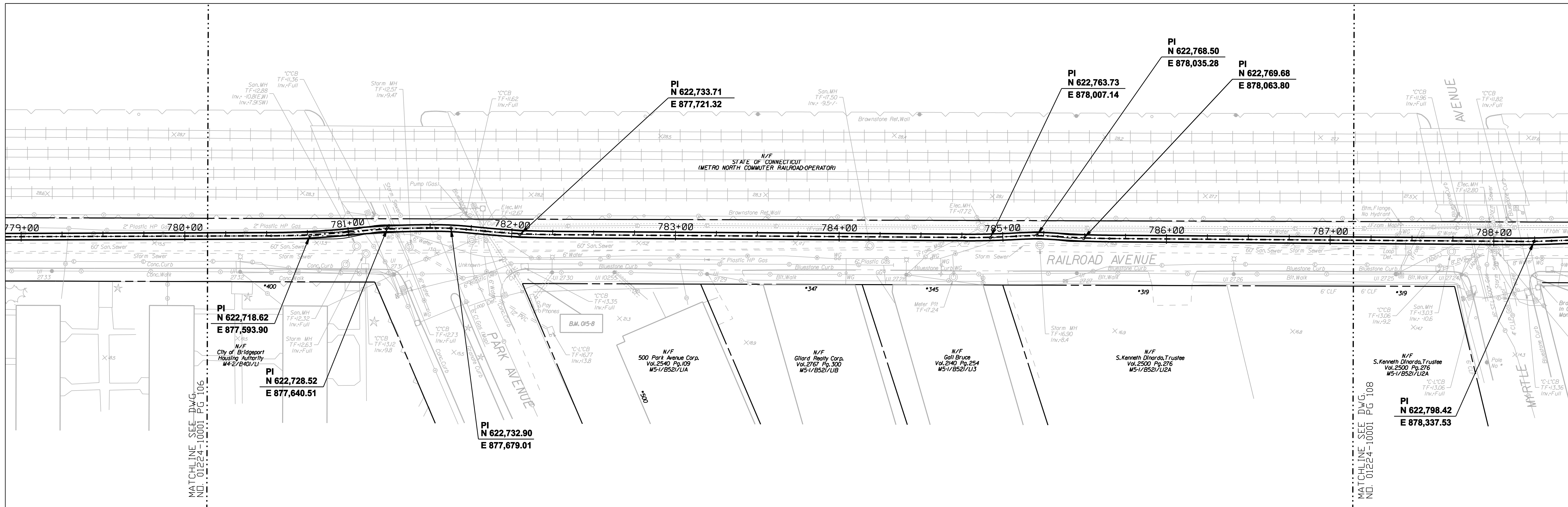
date 08/15/05
designed C. COURTRIGHT

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
CITY OF BRIDGEPORT ROUTE
PLAN AND PROFILE AT 771+50 TO 780+50

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 106	



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5	1/11/06	ISSUED CIVIL RFP	CTC
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3	11/10/05	ISSUED NU FINAL REVIEW	CTC
2	9/07/05	ISSUED DOT/MUNICIPALITY REVIEW	CTC
9	4/28/06	ISSUED CSC REVISED	CTC
no.	date	revisions	by chk

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

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

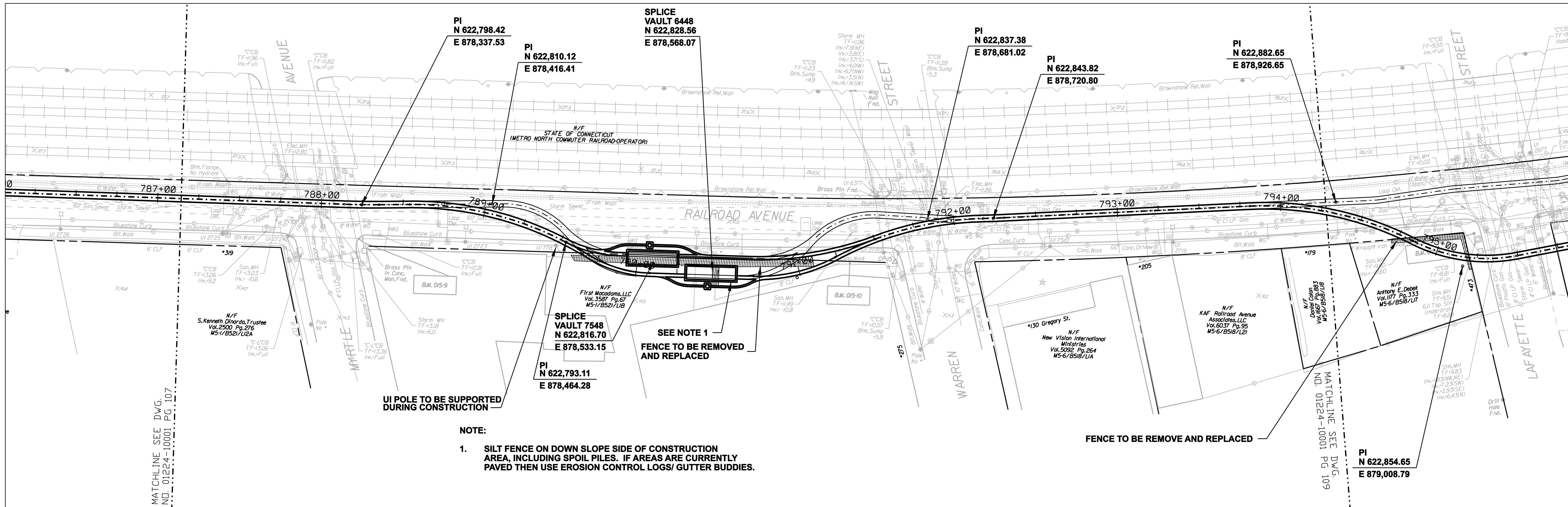
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TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

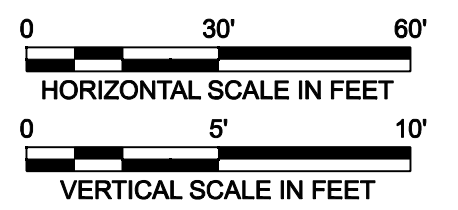
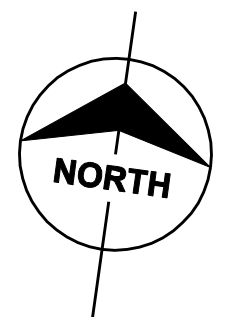
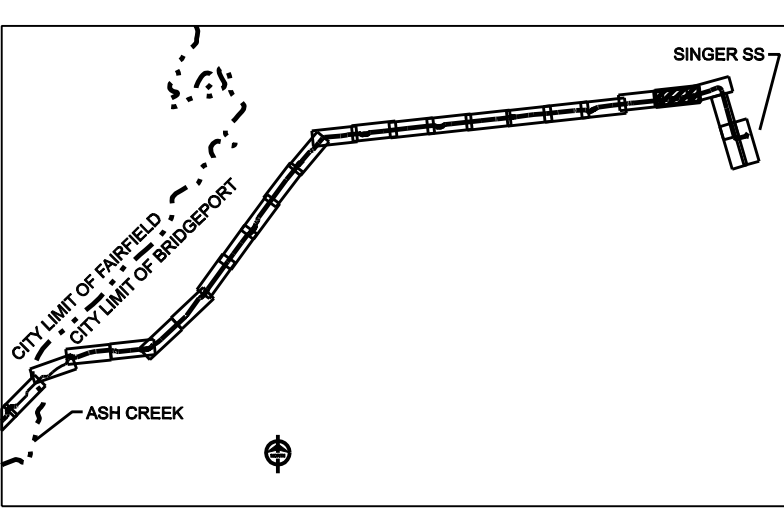
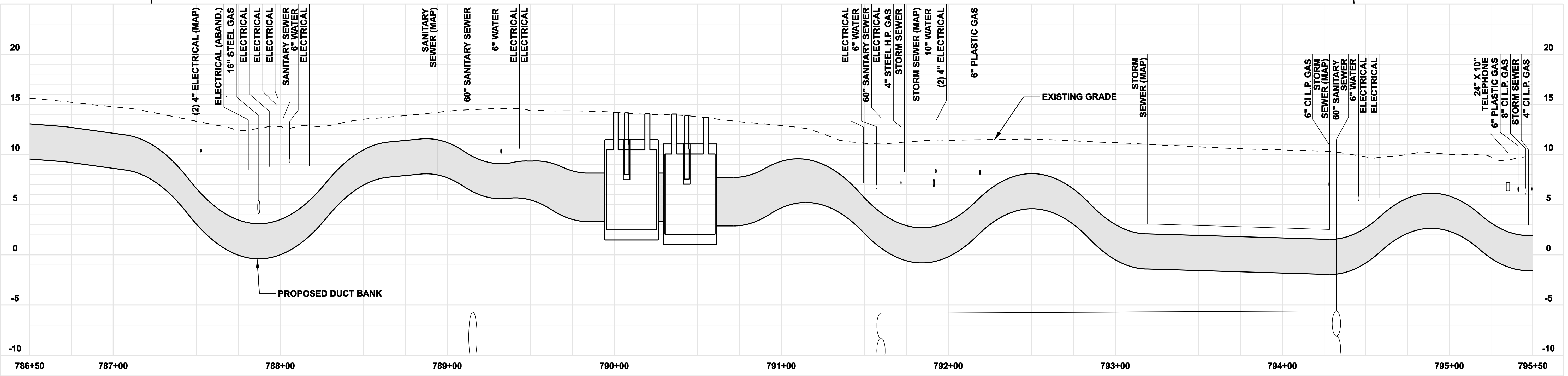
CITY OF BRIDGEPORT ROUTE
PLAN AND PROFILE AT 779+00 TO 788+00

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
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NOTE:
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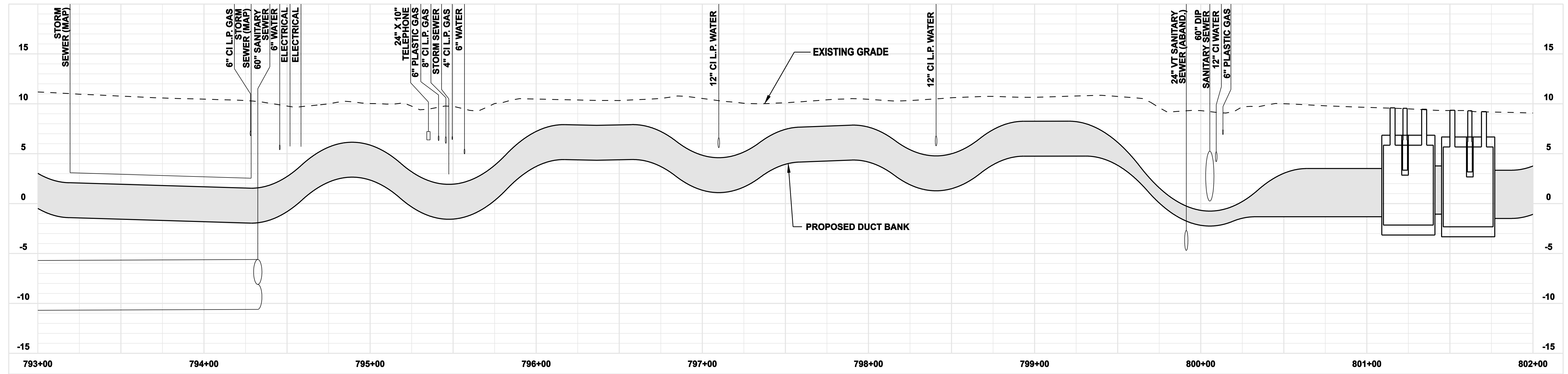
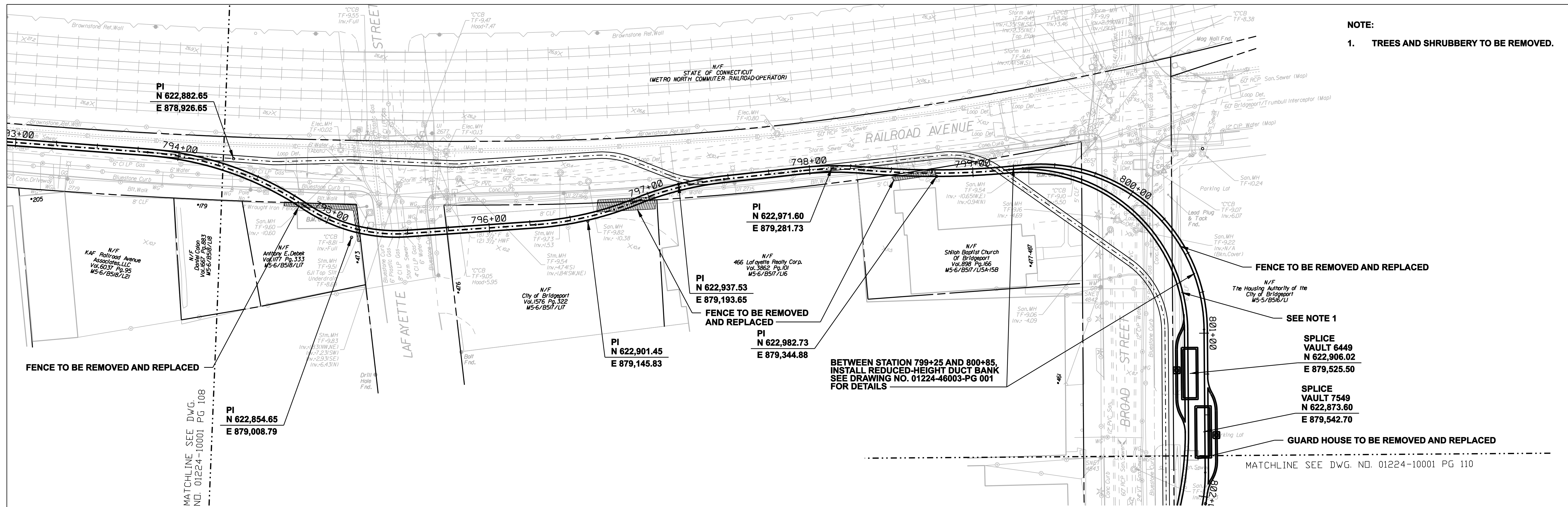
date 08/15/05
 designed C. COURTRIGHT
 detailed L. ROWSE
 checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

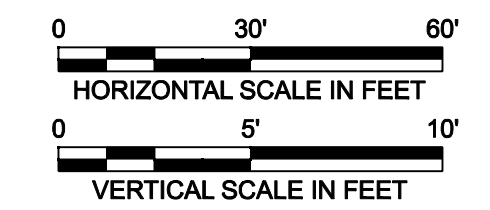
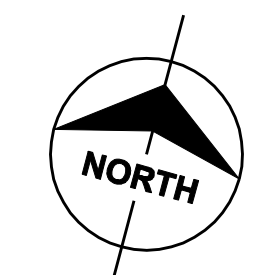
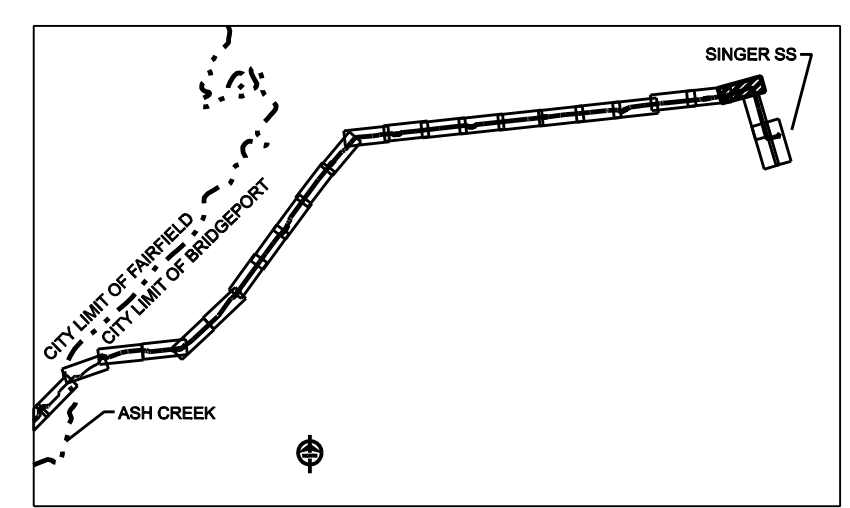
NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
CITY OF BRIDGEPORT ROUTE PLAN AND PROFILE AT 786+50 TO 795+50			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO.	01224-10001 PG 108	

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NOTE:
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4	12/14/05	ISSUED CSC		CTC
3	11/10/05	ISSUED NU FINAL REVIEW		CTC
10	4/28/06	ISSUED CSC REVISED		CTC
9	4/17/06	ISSUED CIVIL REVISED BID		CTC



date 08/15/05
 designed C. COURTRIGHT
 detailed L. ROWSE
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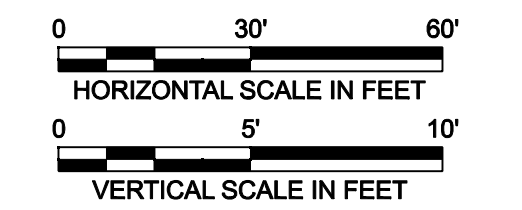
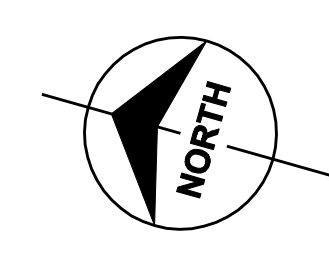
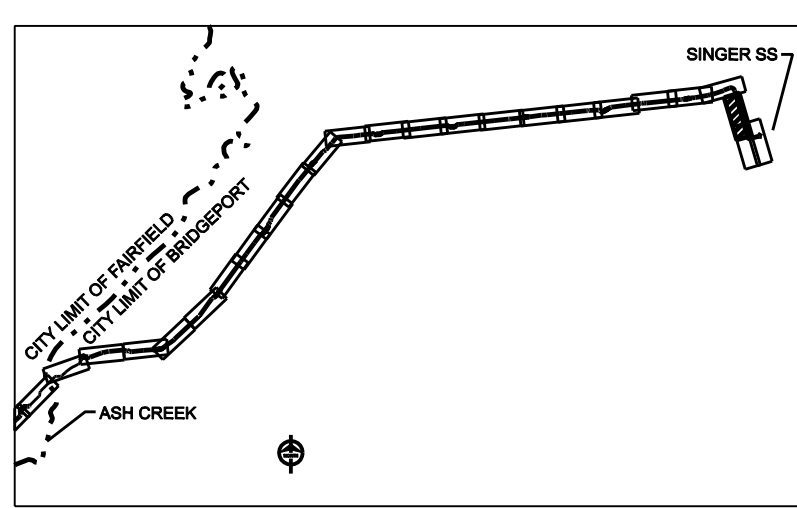
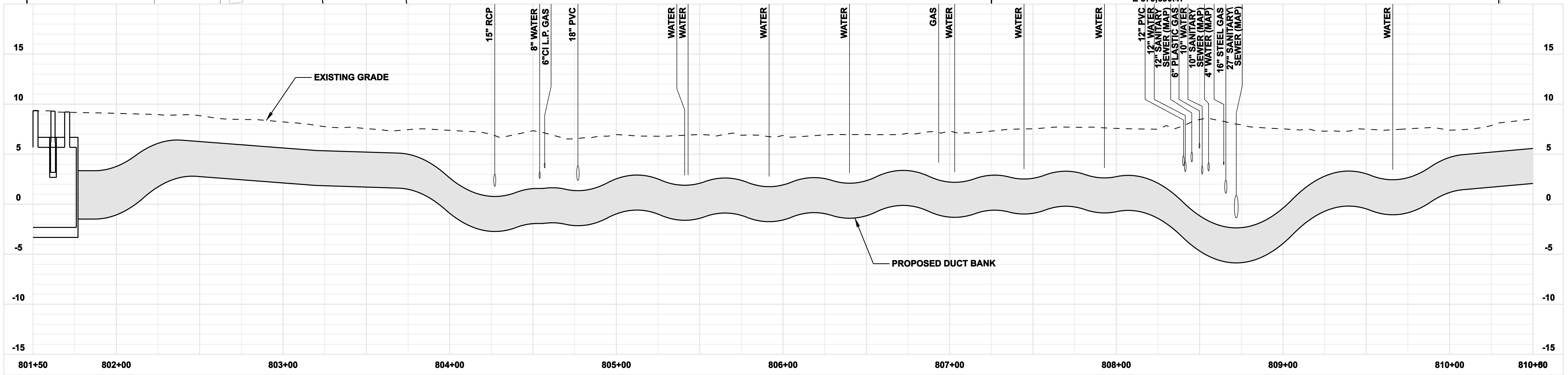
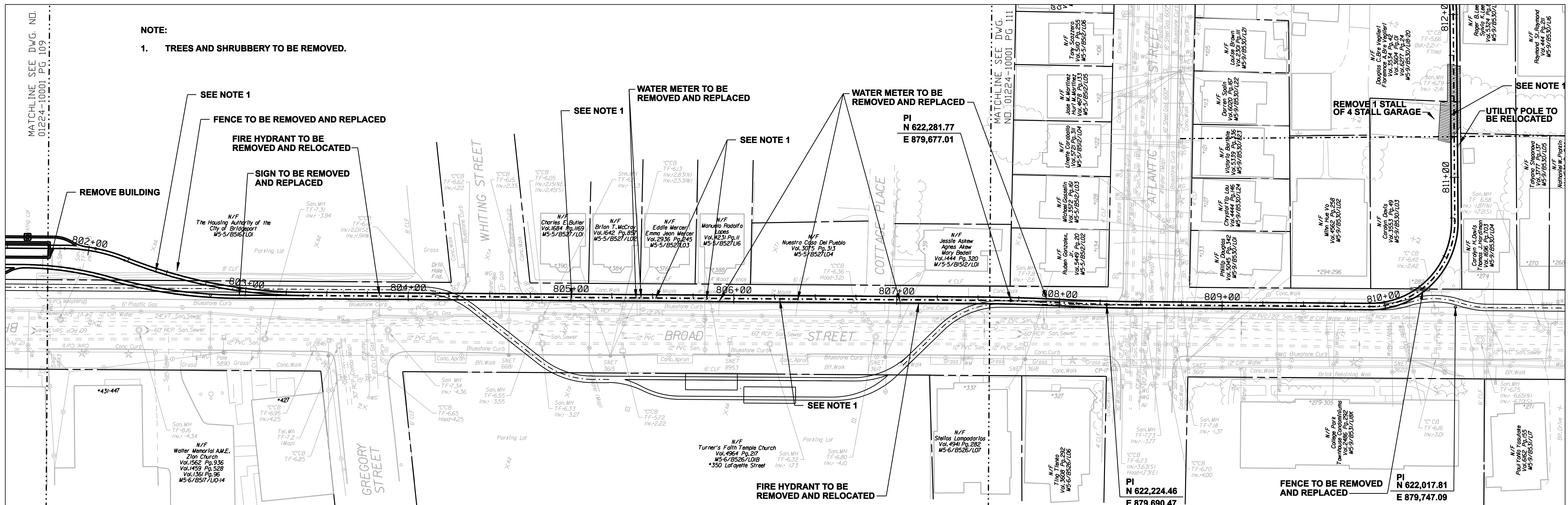
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NORTHEAST UTILITIES SERVICE CO.
 FOR THE CONNECTICUT LIGHT & POWER COMPANY
 TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT
 CITY OF BRIDGEPORT ROUTE
 PLAN AND PROFILE AT 793+00 TO 802+00

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
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2	9/07/05	ISSUED DOT/MUNICIPALITY REVIEW		CTC
9	4/28/06	ISSUED CSC REVISED		CTC



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

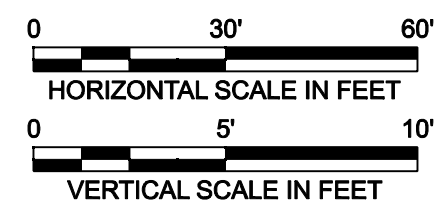
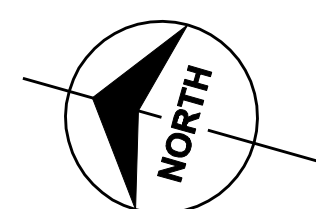
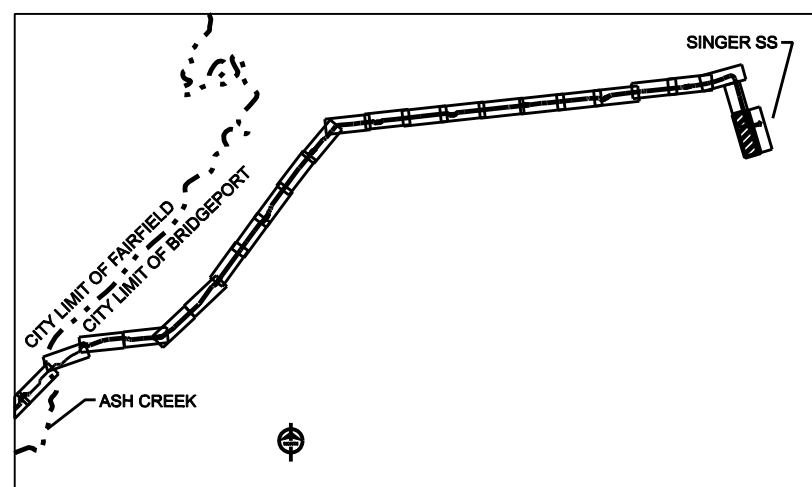
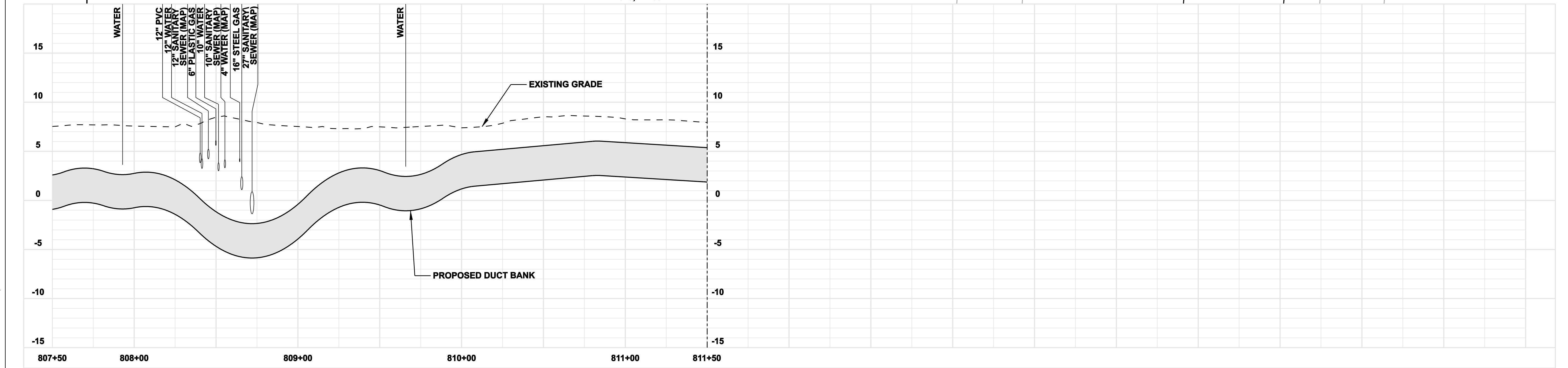
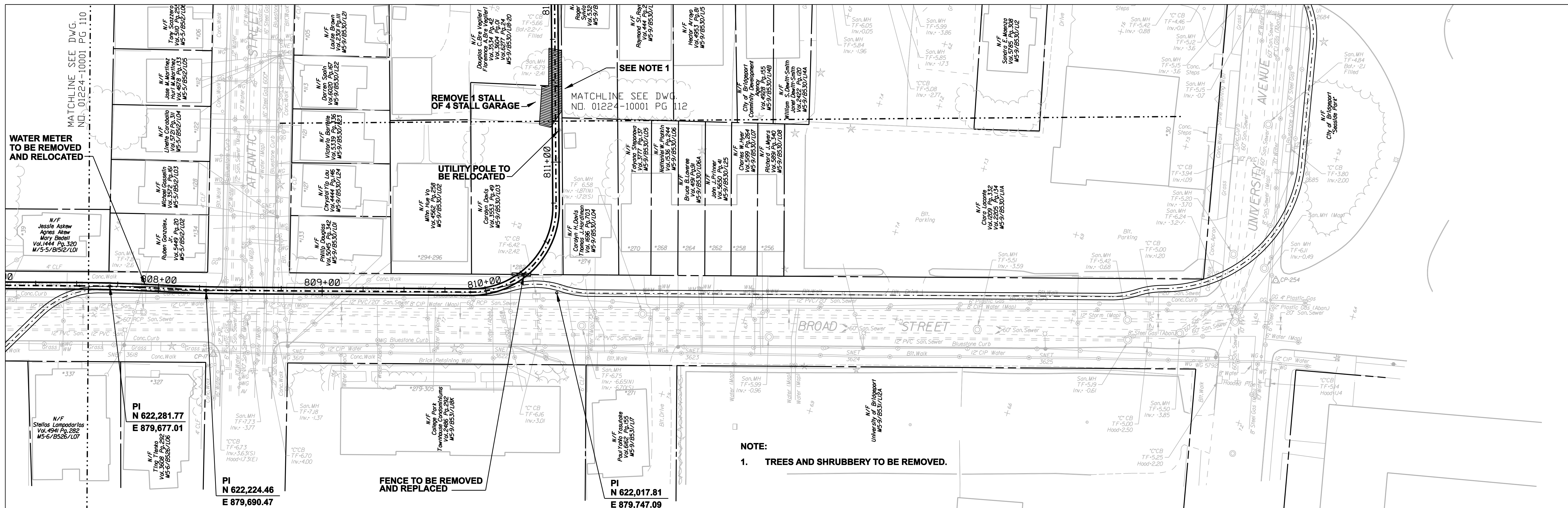
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NORTHEAST UTILITIES SERVICE CO.
 FOR THE CONNECTICUT LIGHT & POWER COMPANY
 TITLE: MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT
 CITY OF BRIDGEPORT ROUTE
 PLAN AND PROFILE AT 801+50 TO 810+50

BY	SEN-BMCD	CHKD	APP	APP
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 DWG. NO. 01224-10001 PG. 110


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9	4/28/06	ISSUED CSC REVISED		CTC



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

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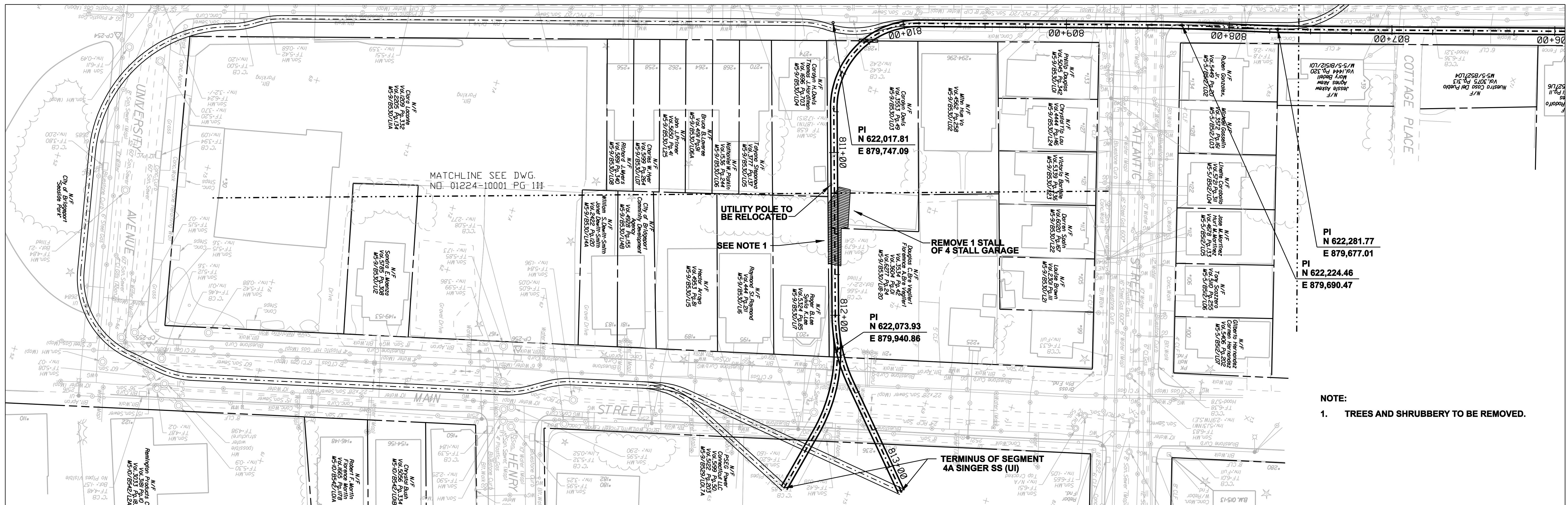
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FOR THE CONNECTICUT LIGHT & POWER COMPANY

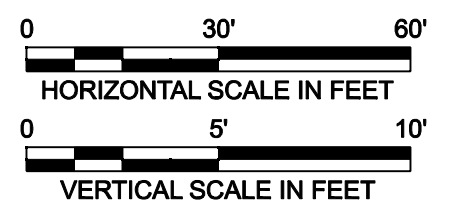
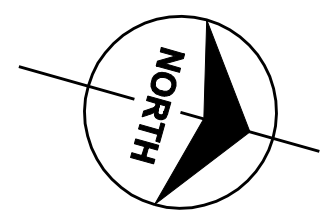
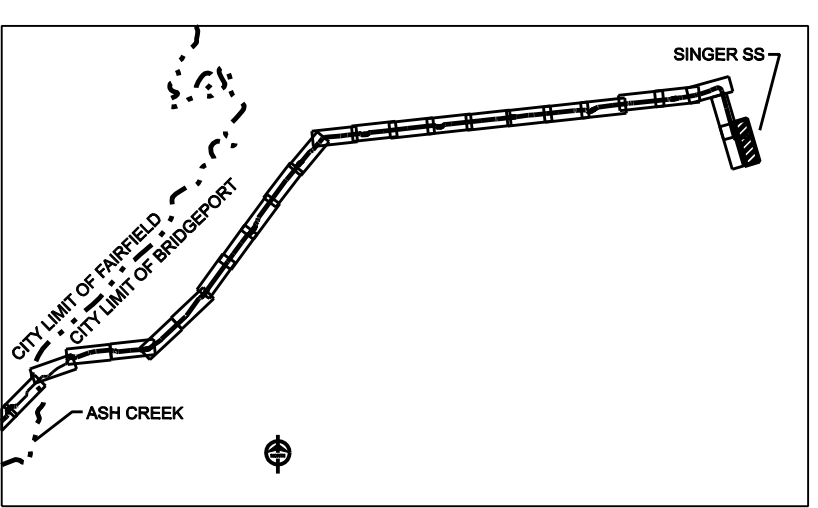
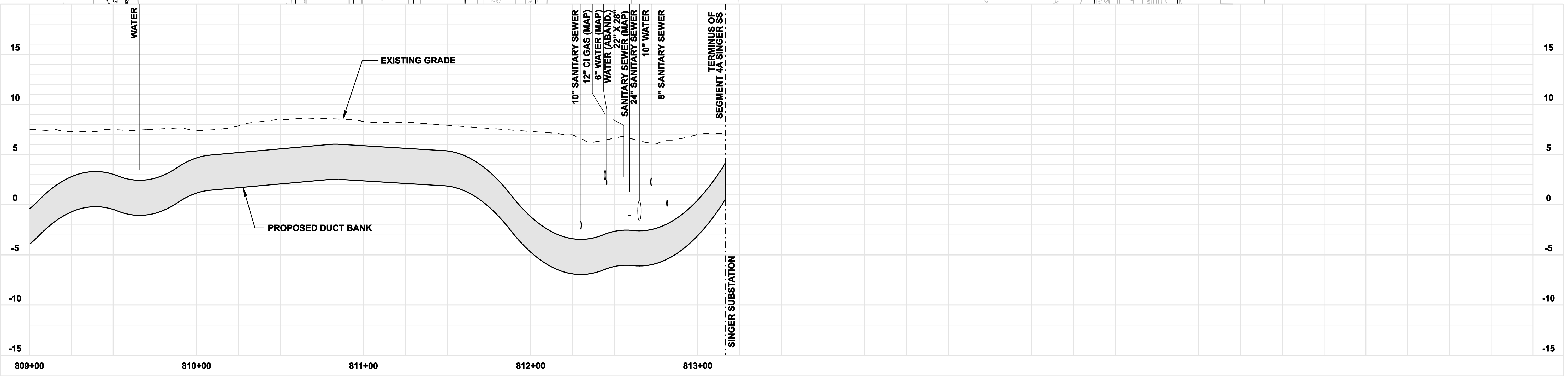
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CITY OF BRIDGEPORT ROUTE
PLAN AND PROFILE AT 807+50 TO 811+50

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO.	01224-10001 PG 111



NOTE:
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4	12/14/05	ISSUED CSC		CTC
3	11/10/05	ISSUED NU FINAL REVIEW		CTC
2	9/07/05	ISSUED DOT/MUNICIPALITY REVIEW		CTC
9	4/28/06	ISSUED CSC REVISED		CTC



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

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

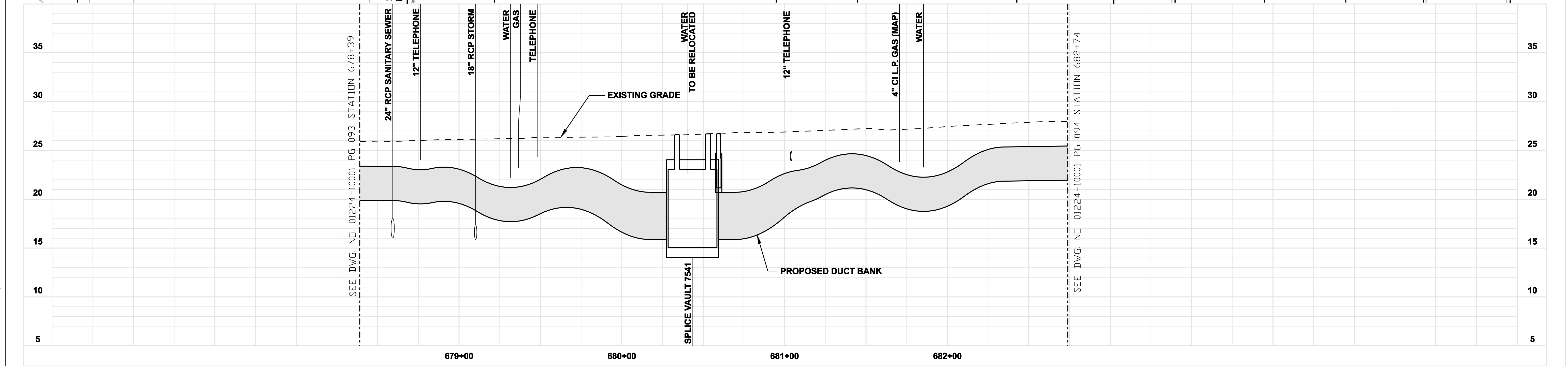
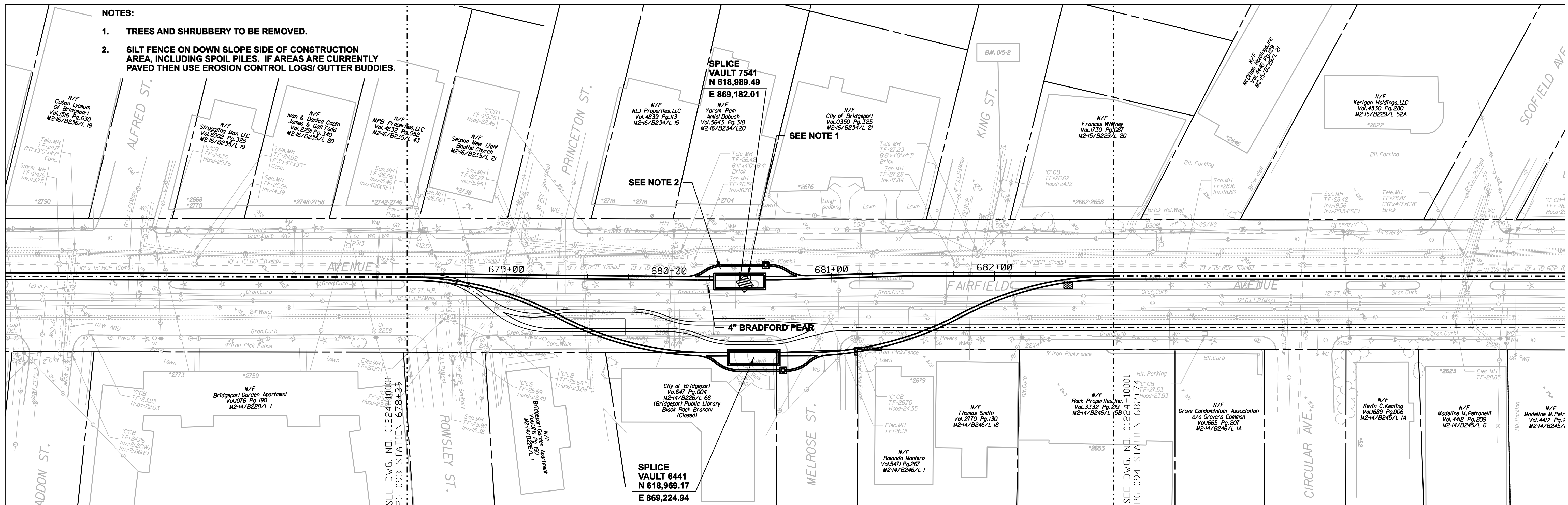
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FOR THE CONNECTICUT LIGHT & POWER COMPANY
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT
CITY OF BRIDGEPORT ROUTE
PLAN AND PROFILE AT 809+00 TO (SINGER SS)

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 112	

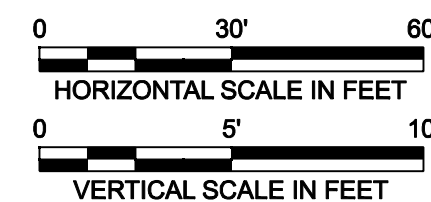
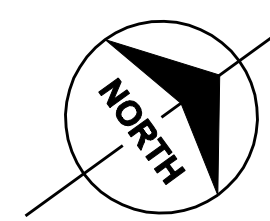
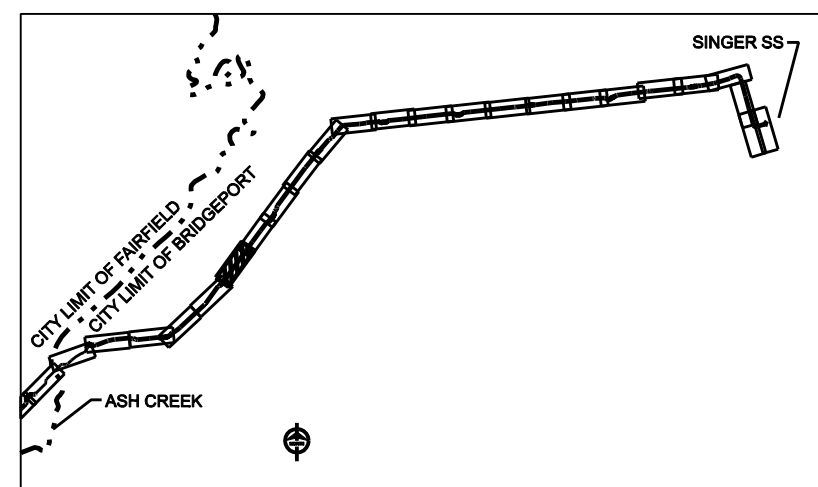
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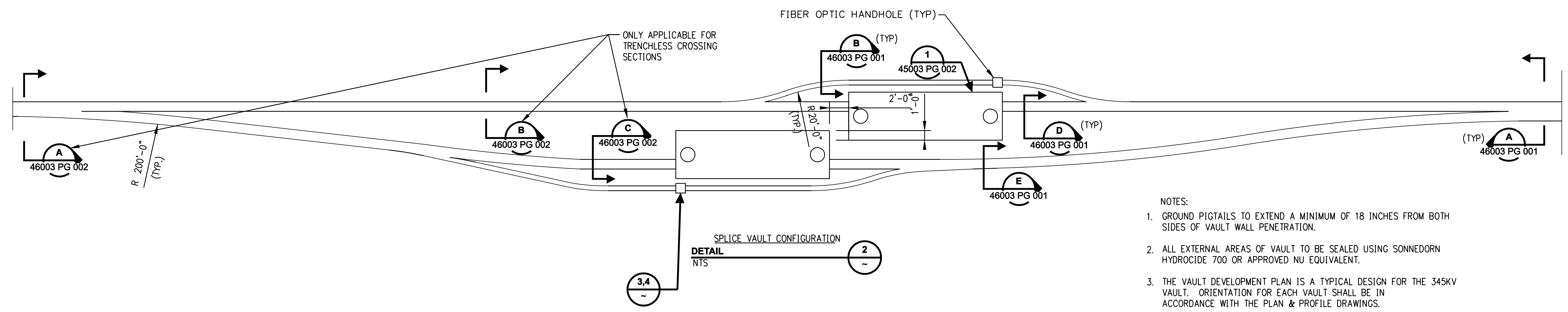
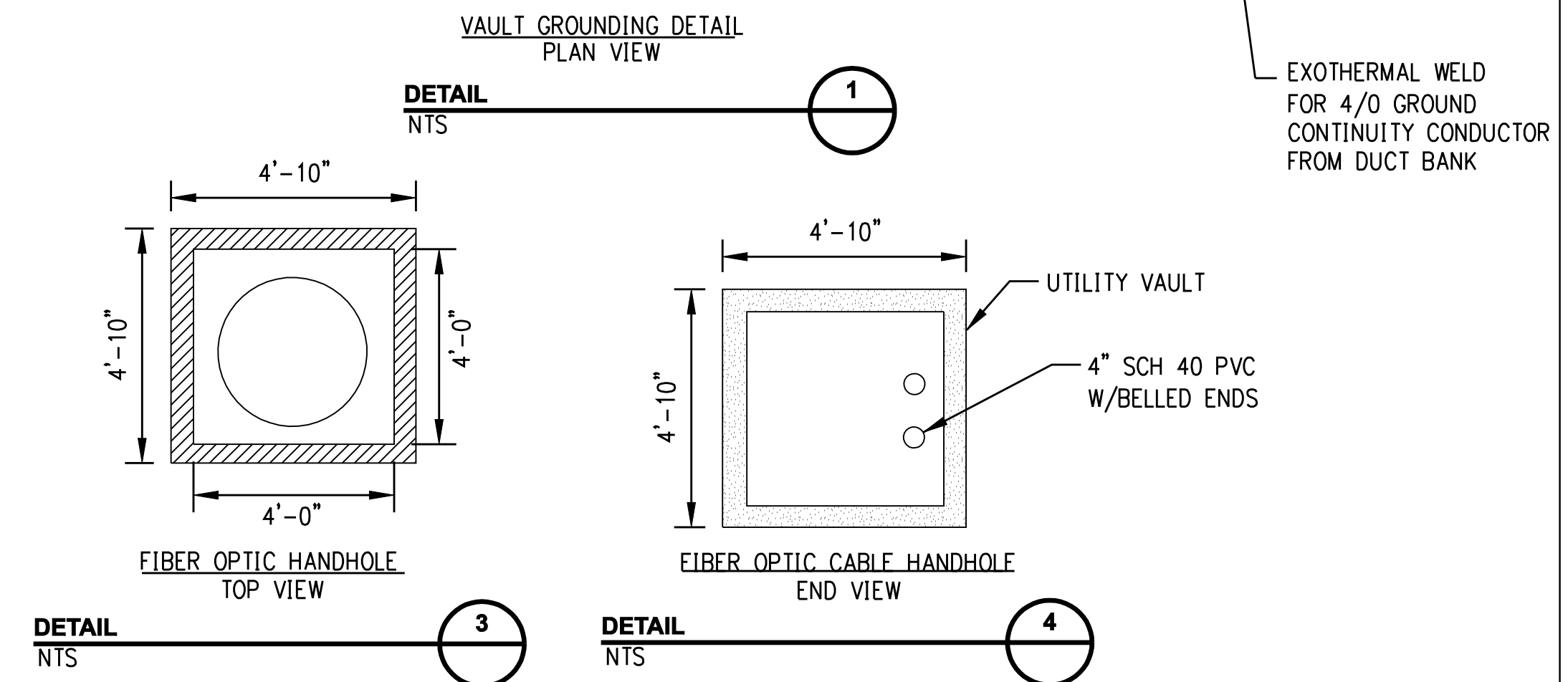
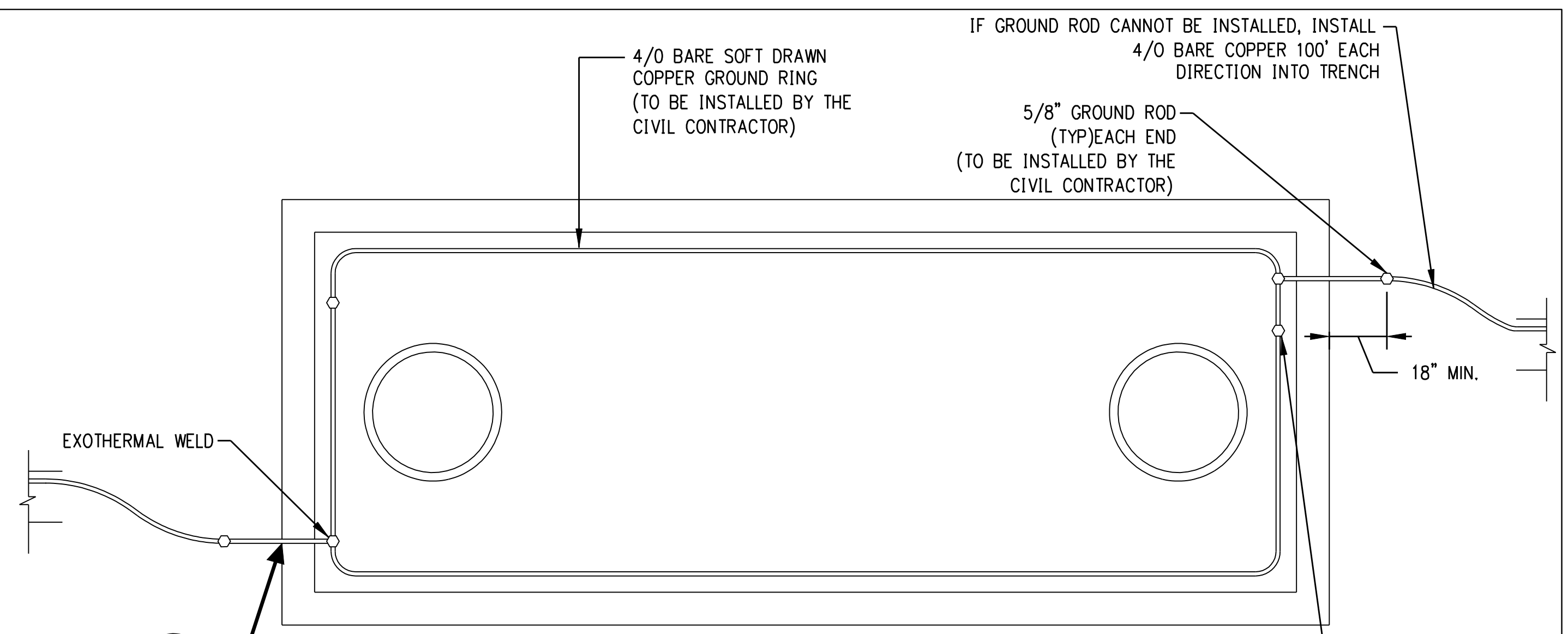
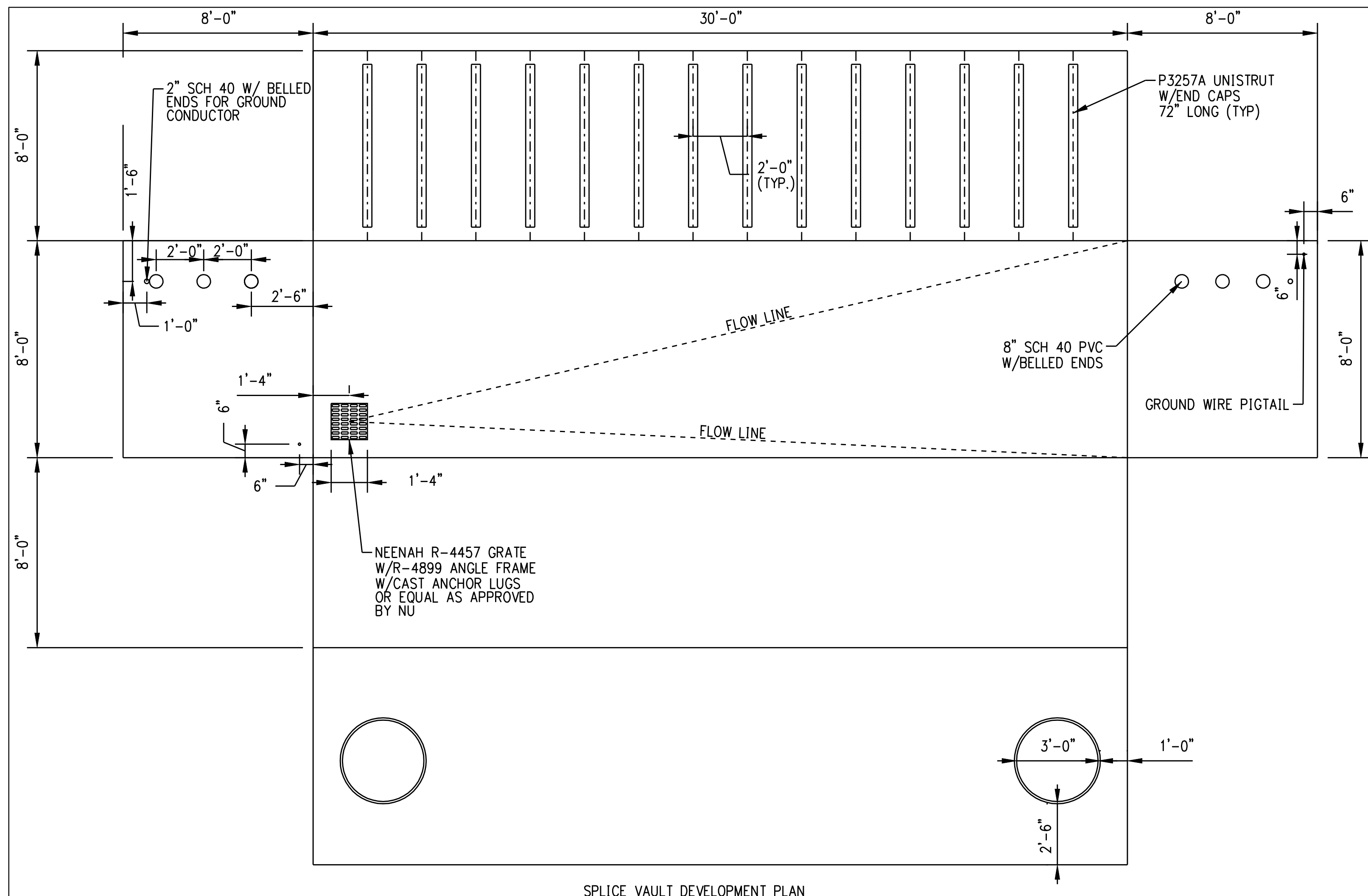


date 08/15/05 detailed L. ROWSE
designed C. COURTRIGHT checked S. NEWLAND

no.	date	revisions	by	chk
1	4/17/06	ISSUED CSC REVISED	CTC	

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
CITY OF BRIDGEPORT ROUTE PLAN AND PROFILE AT 678+39 TO 682+74			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO.		
	D		01224-10001 PG 113



- NOTES:
- GROUND PIGTAILS TO EXTEND A MINIMUM OF 18 INCHES FROM BOTH SIDES OF VAULT WALL PENETRATION.
 - ALL EXTERNAL AREAS OF VAULT TO BE SEALED USING SONNEDORN HYDROCID 700 OR APPROVED NU EQUIVALENT.
 - 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.

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8	4/17/06	ISSUED NU 3rd REVIEW	CTC	
2-U	3/02/06	ADDENDUM 4	CTC	
1-U	2/21/06	REVISED DETAILS	CTC	
5	1/11/06	ISSUED CIVIL RFP	CTC	
4	12/14/05	ISSUED CSC	CTC	
3	11/10/05	ISSUED NU FINAL REVIEW	CTC	
2	9/07/05	ISSUED DOT/MUNICIPALITY REVIEW	CTC	
9	4/28/06	ISSUED CSC REVISED	CTC	

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date 8/15/05 detailed L. ROWSE
 designed C. COURTRIGHT checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

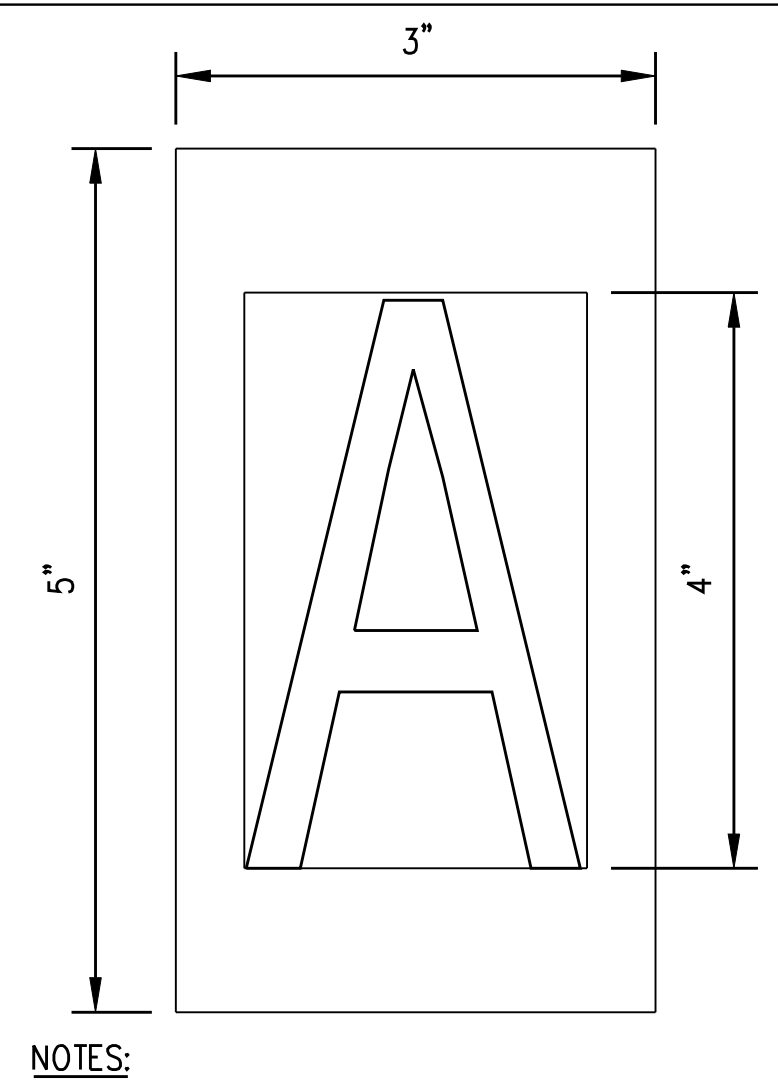
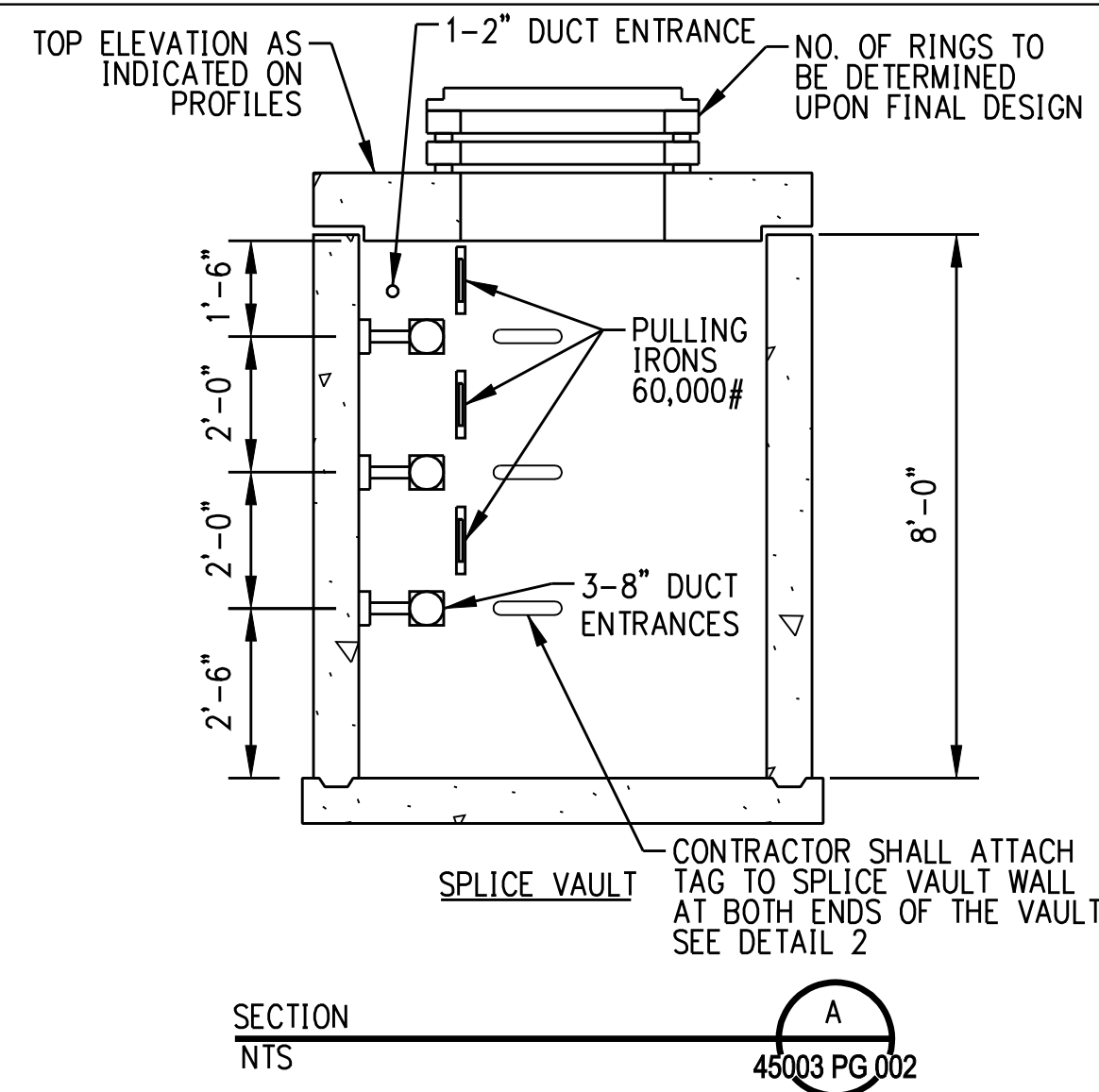
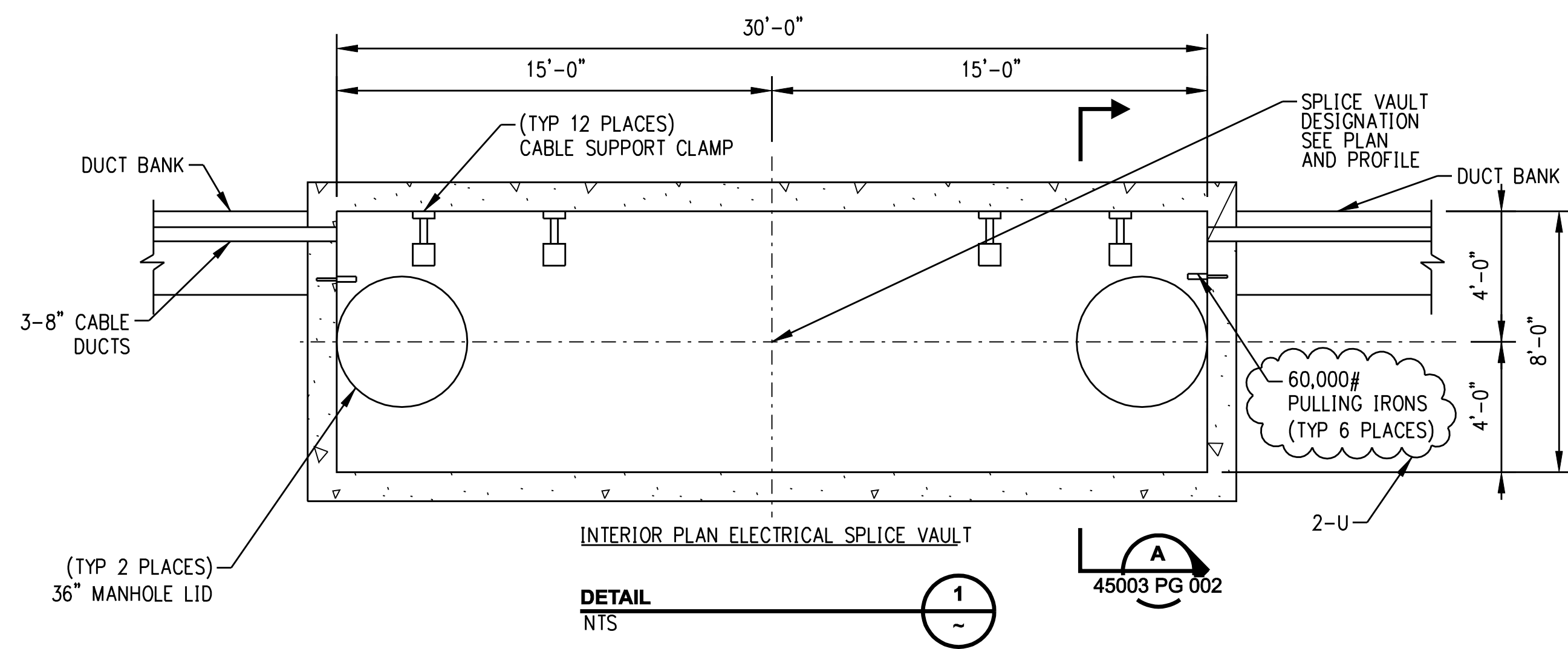
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FOR THE CONNECTICUT LIGHT & POWER COMPANY

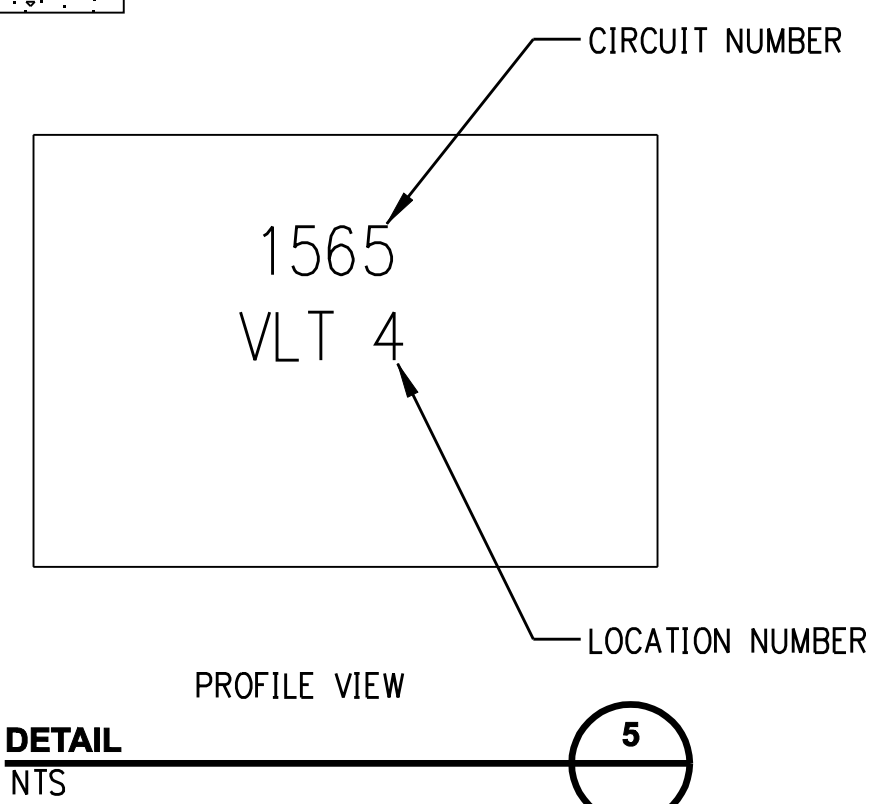
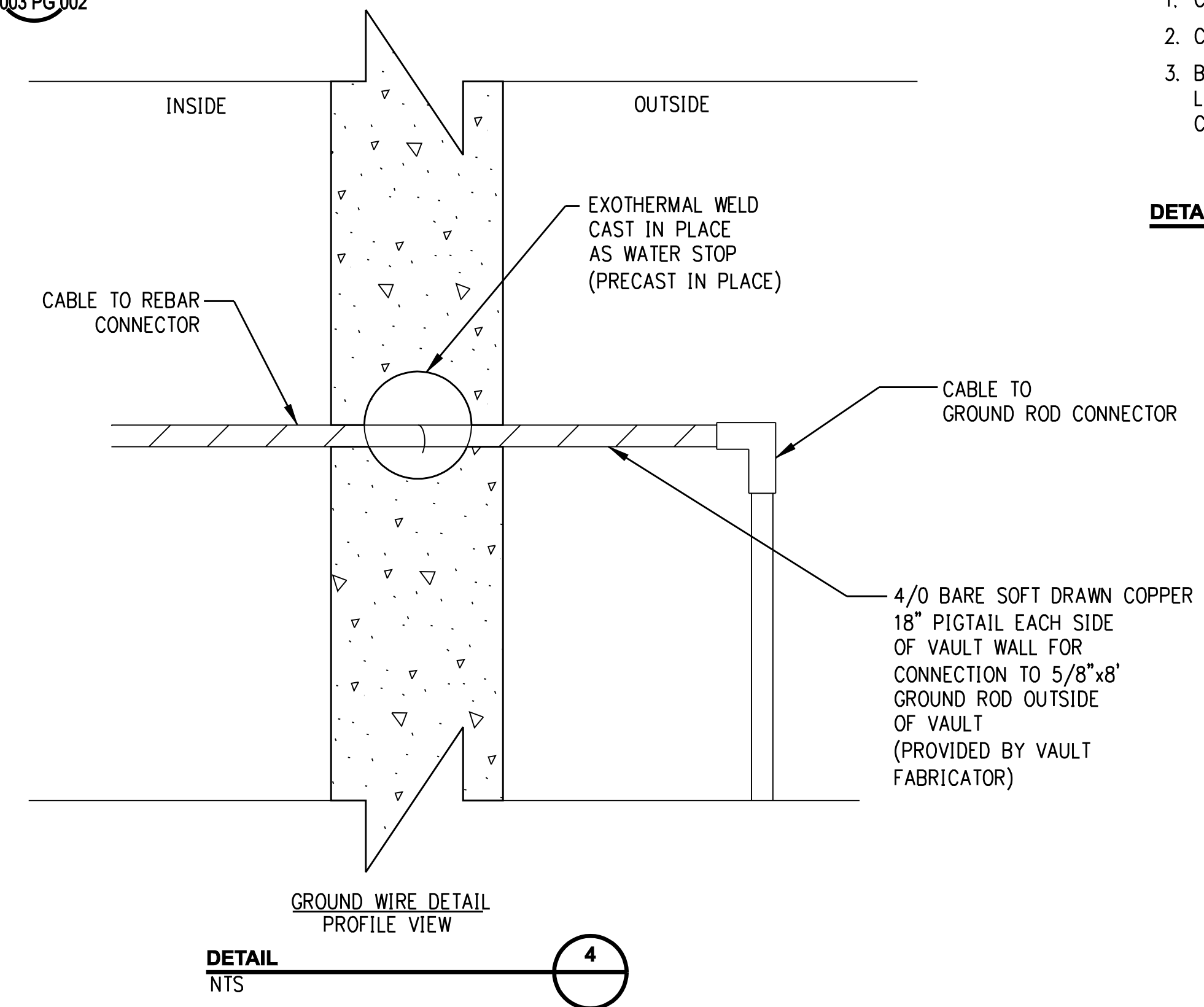
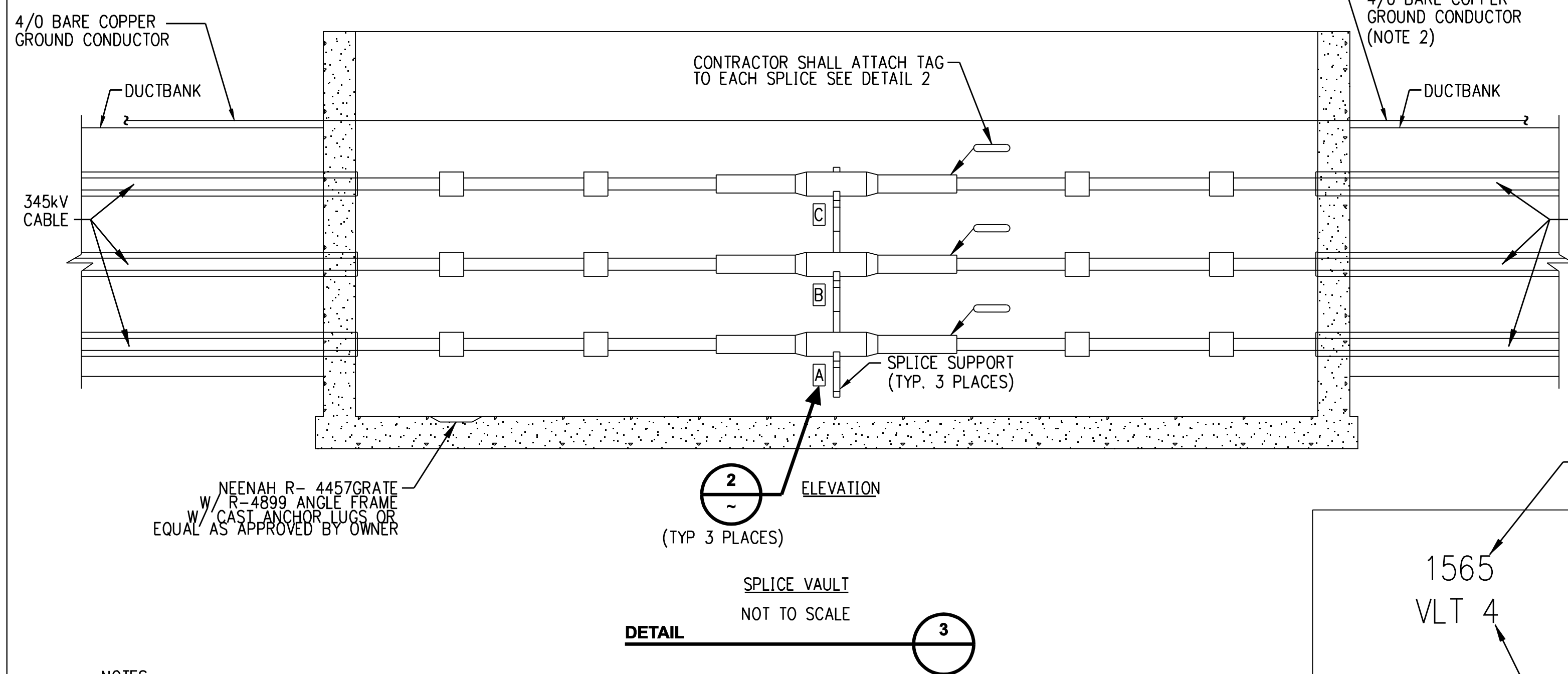
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

CONSTRUCTION DETAILS

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO.	01224-45003 PG 001



- 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.

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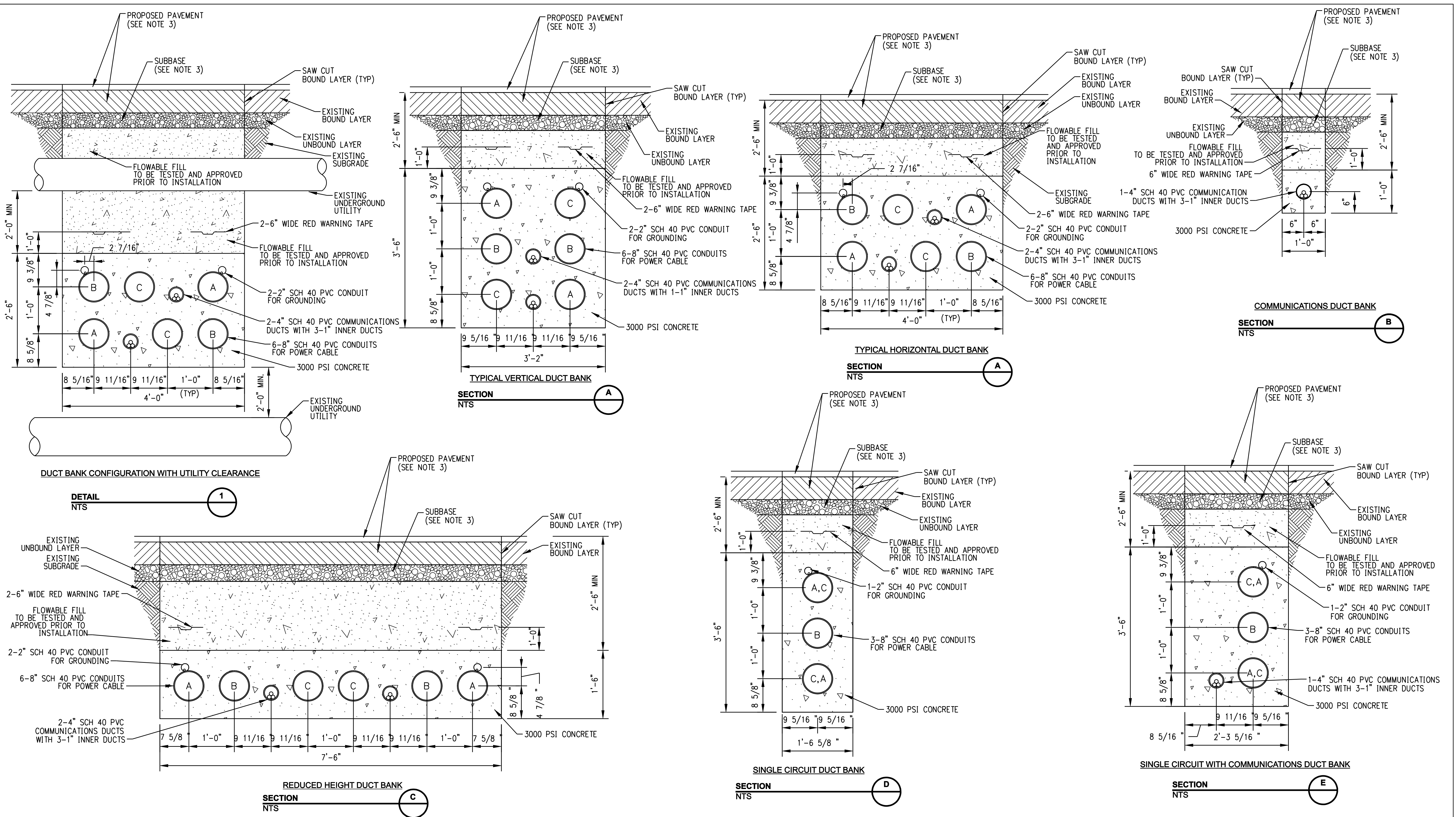
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1-U	2/21/06	REVISED DETAILS	CTC
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9	4/28/06	ISSUED CSC REVISED	CTC
no.	date	revisions	by chk



date 8/15/05
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			
CONSTRUCTION DETAILS			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-45003 PG 002	



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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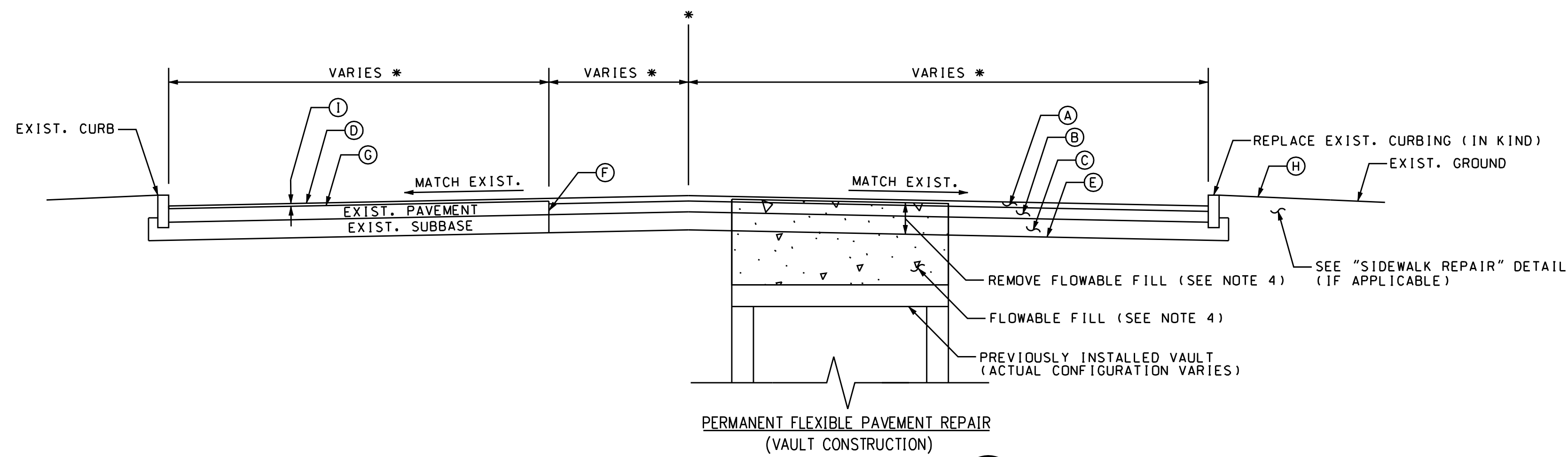
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1-U	1/18/06	ISSUED ADDENDUM	CTC
5	1/11/06	ISSUED CIVIL RFP	CTC
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3	11/10/05	ISSUED NU FINAL REVIEW	CTC
2	9/07/05	ISSUED DOT/MUNICIPALITY REVIEW	CTC
9	4/28/06	ISSUED CSC REVISED	CTC
no.	date	revisions	by chk



date 8/15/05
 detailed BL COMPANIES
 designed checked
 BL COMPANIES S. NEWLAND

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

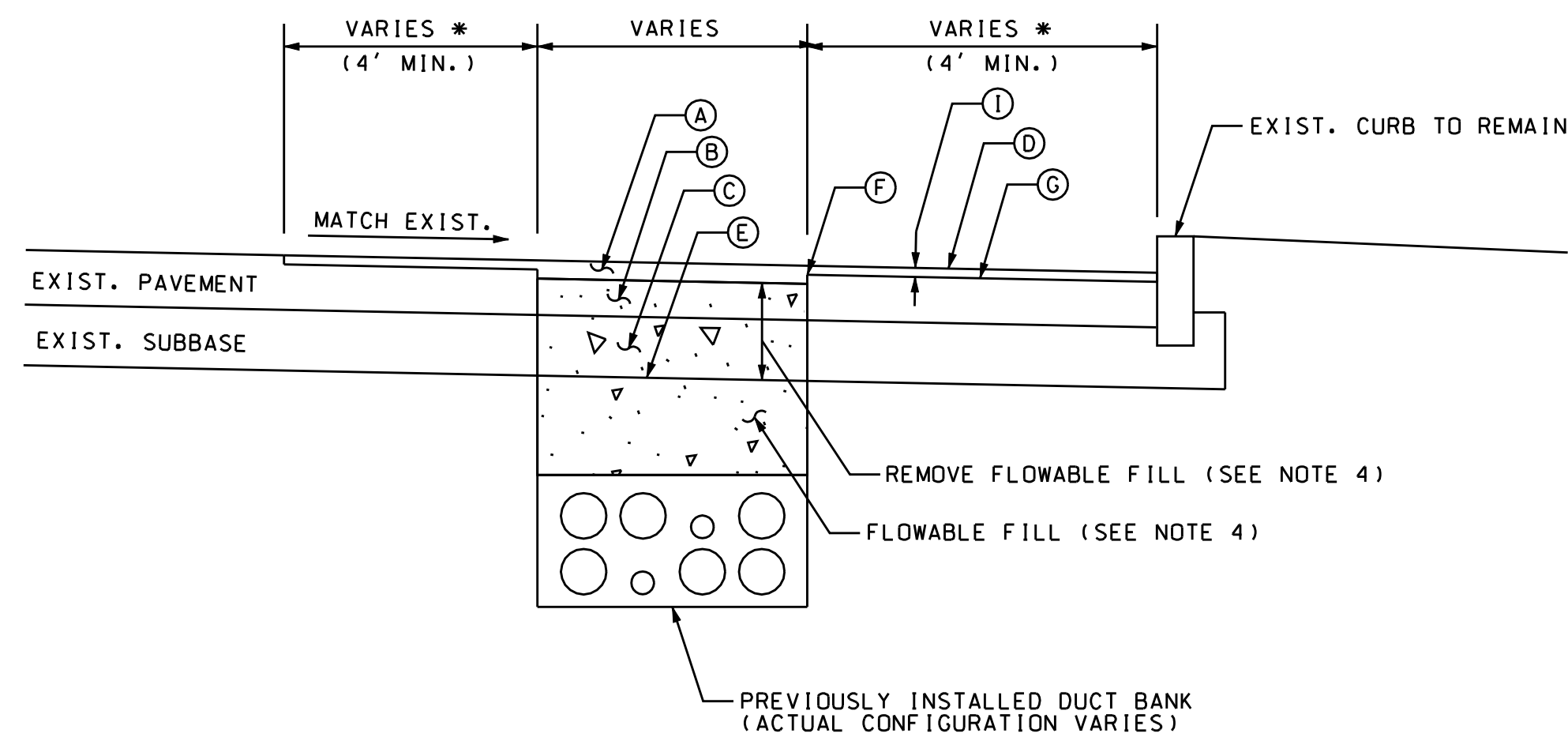
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PERMANENT FLEXIBLE PAVEMENT REPAIR
(VAULT CONSTRUCTION)

DETAIL 1
NTS

* SEE MILLING AND OVERLAY PLANS FOR LIMITS.



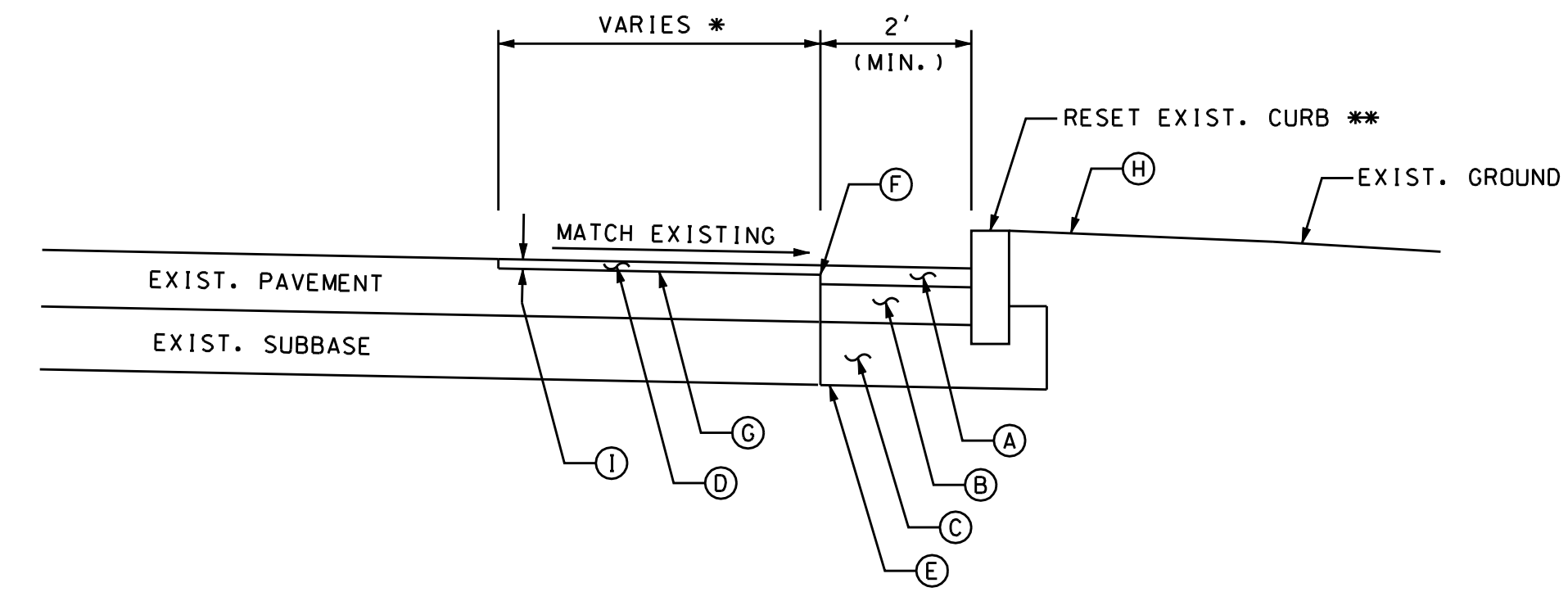
PERMANENT FLEXIBLE PAVEMENT REPAIR
(DUCT BANK CONSTRUCTION)

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.

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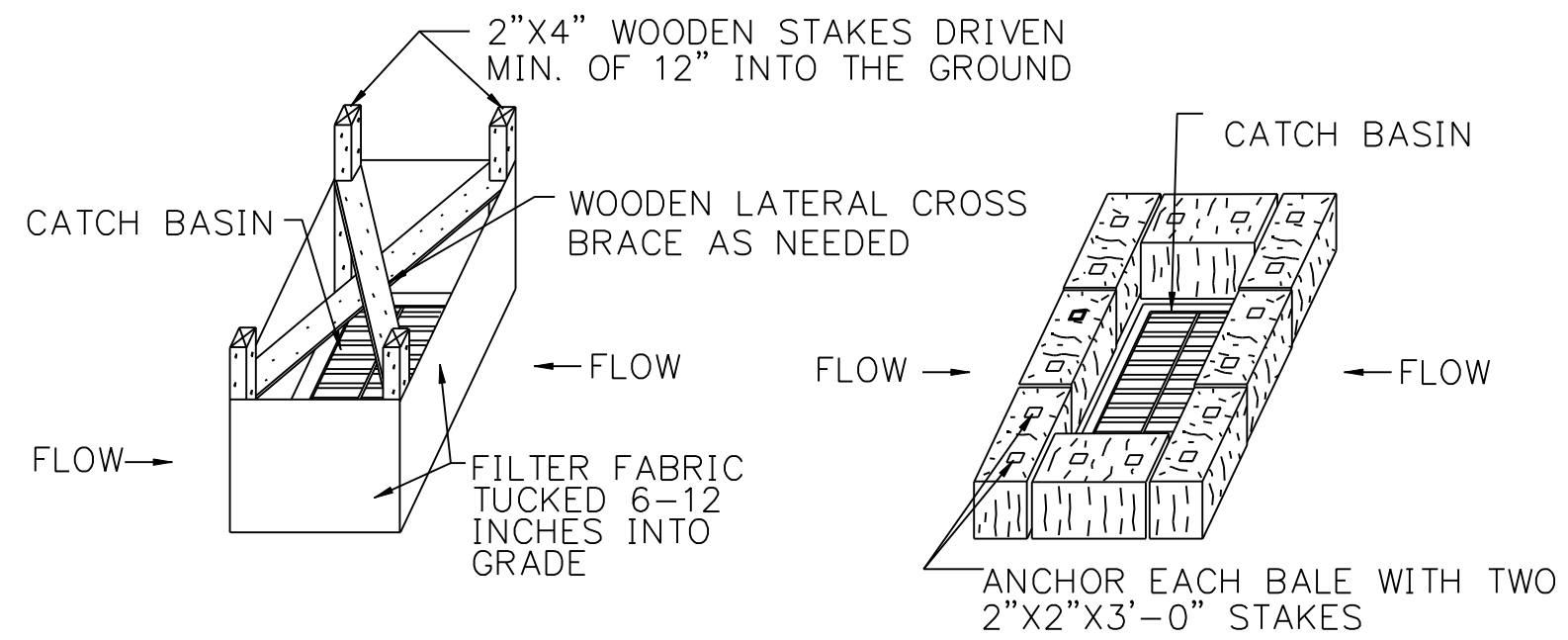
NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

CONSTRUCTION DETAILS

BY SEN-BMCD	CHKD	APP	APP
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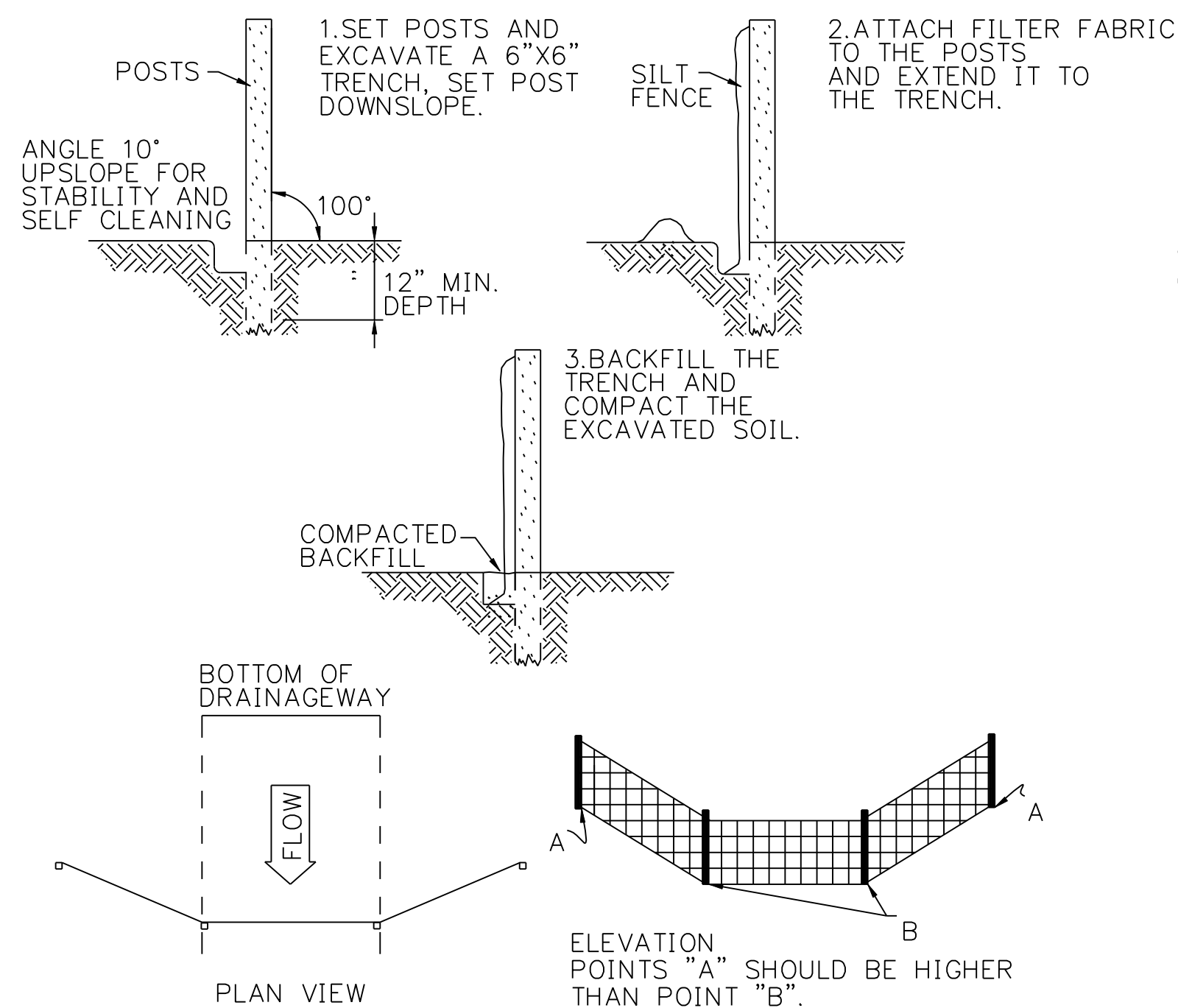
SILT FENCE INSTALLATION AT CATCH BASINS AT LOW POINTS

HAY BALE FILTER INSTALLATION AT CATCH BASIN AT LOW POINTS

STORMWATER INLETS WHICH DO NOT DISCHARGE TO SEDIMENT TRAPS OR BASINS, MUST BE PROTECTED UNTIL THE TRIBUTARY AREAS ARE STABILIZED. SEDIMENT MUST BE REMOVED FROM INLET PROTECTION AFTER EACH STORM EVENT.

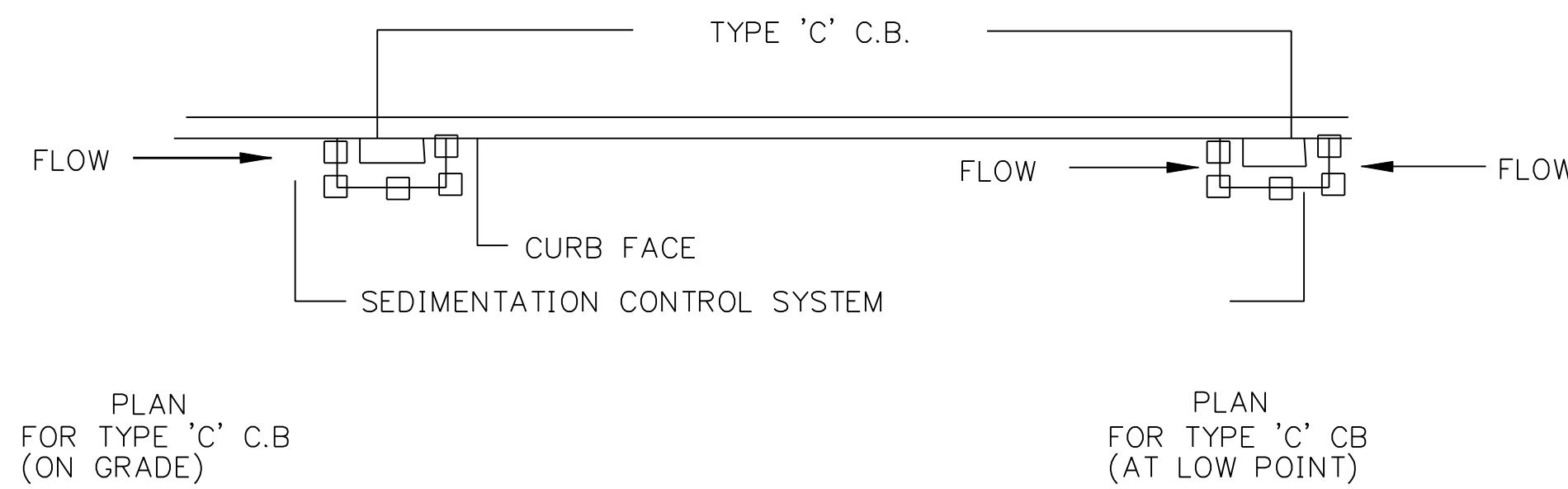
CATCH BASIN EROSION CONTROL

DETAIL NTS 1



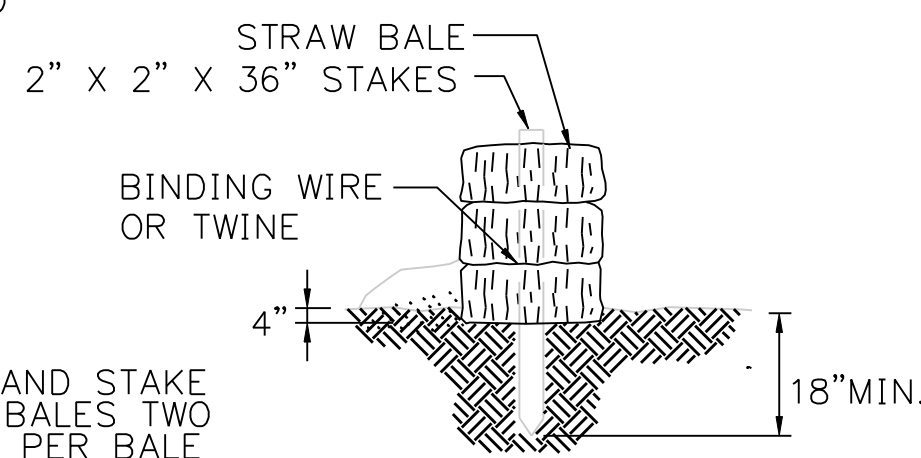
GEOTEXTILE SILT FENCE BARRIER W/OUT HAYBALES

DETAIL NTS 6



NOTE: SEDIMENTATION CONTROL SYSTEMS SHALL BE LOCATED AT ALL EXISTING OR PROPOSED BASINS WHICH ACCEPT FLOW FROM THE CONSTRUCTION AREA UNTIL TURF ESTABLISHMENT OR AS DIRECTED BY THE ENGINEER.

DETAIL NTS 2



PLACE AND STAKE STRAW BALES TWO STAKES PER BALE

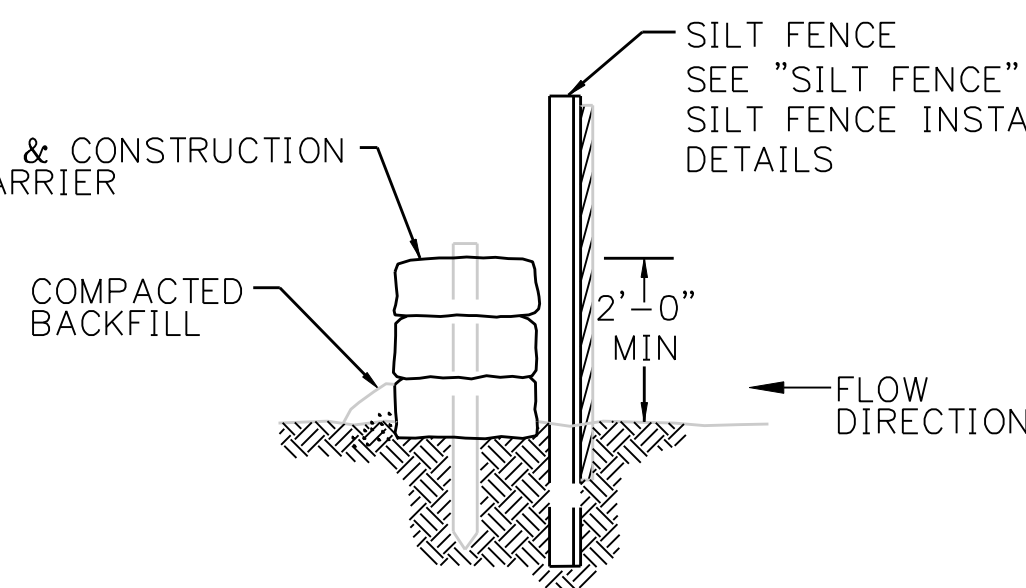
STRAW BALE BARRIERS SHOULD NOT BE USED FOR MORE THAN 3 MONTHS

SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/3 THE ABOVE GROUND HEIGHT OF THE BARRIER.

ANY SECTION OF STRAW BALE BARRIER WHICH HAS BEEN UNDERMINED OR TOPPED MUST BE IMMEDIATELY REPLACED WITH A ROCK FILTER OUTLET.

DETAIL NTS 4

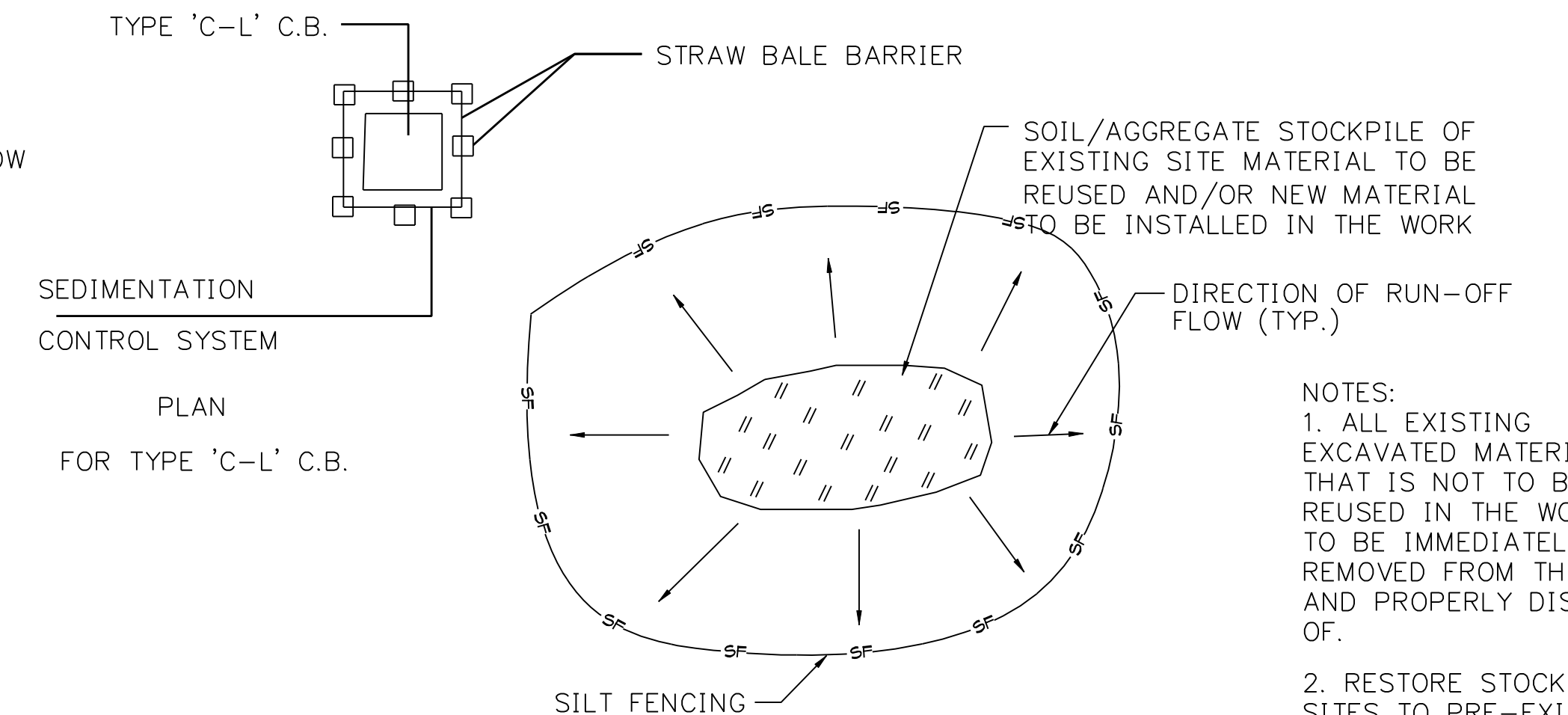
SEE "PLACEMENT & CONSTRUCTION OF HAY BALE BARRIER"



BACKFILL AND COMPACT THE EXCAVATED SOIL AS SHOWN ON THE UPHILL SIDE OF THE BARRIER TO PREVENT PIPING

GEOTEXTILE SILT FENCE BARRIER W/ HAYBALES

DETAIL NTS 7



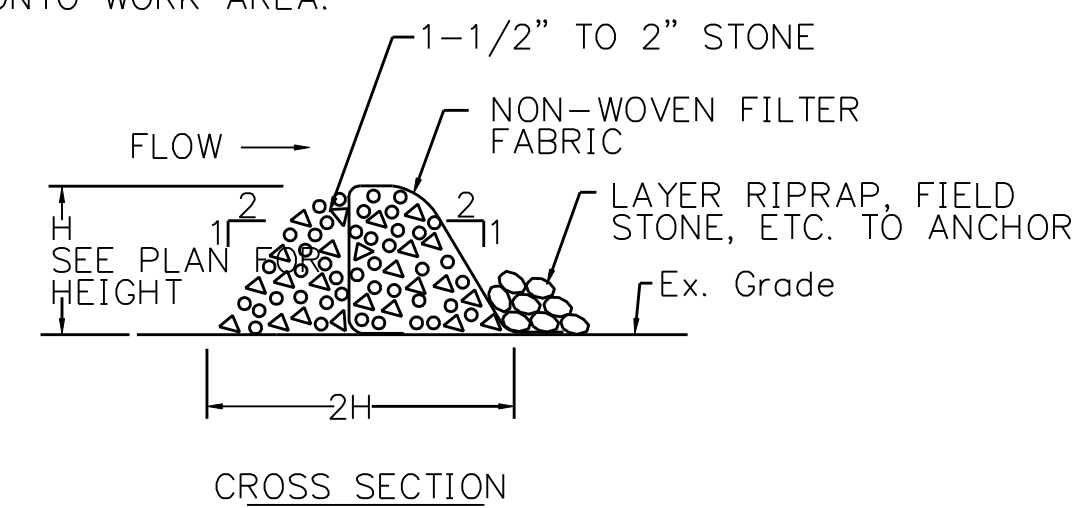
DETAIL NTS 3

NOTES:
1. ALL EXISTING EXCAVATED MATERIAL THAT IS NOT TO BE REUSED IN THE WORK IS TO BE IMMEDIATELY REMOVED FROM THE SITE AND PROPERLY DISPOSED OF.

2. RESTORE STOCKPILE SITES TO PRE-EXISTING PROJECT CONDITION AND RESEED AS REQUIRED.

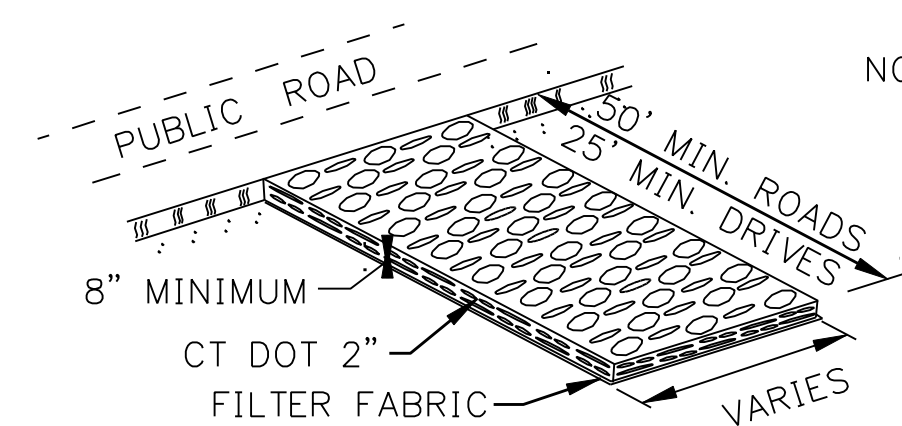
3. STOCKPILE HEIGHTS MUST NOT EXCEED 35'. STOCKPILE SLOPES MUST BE 2:1 OR FLATTER.

NOTES:
USE FOR IN-STREAM OR SWALE SEDIMENT INTERCEPTION. LOCATE NOT TO BACKWATER ONTO WORK AREA.



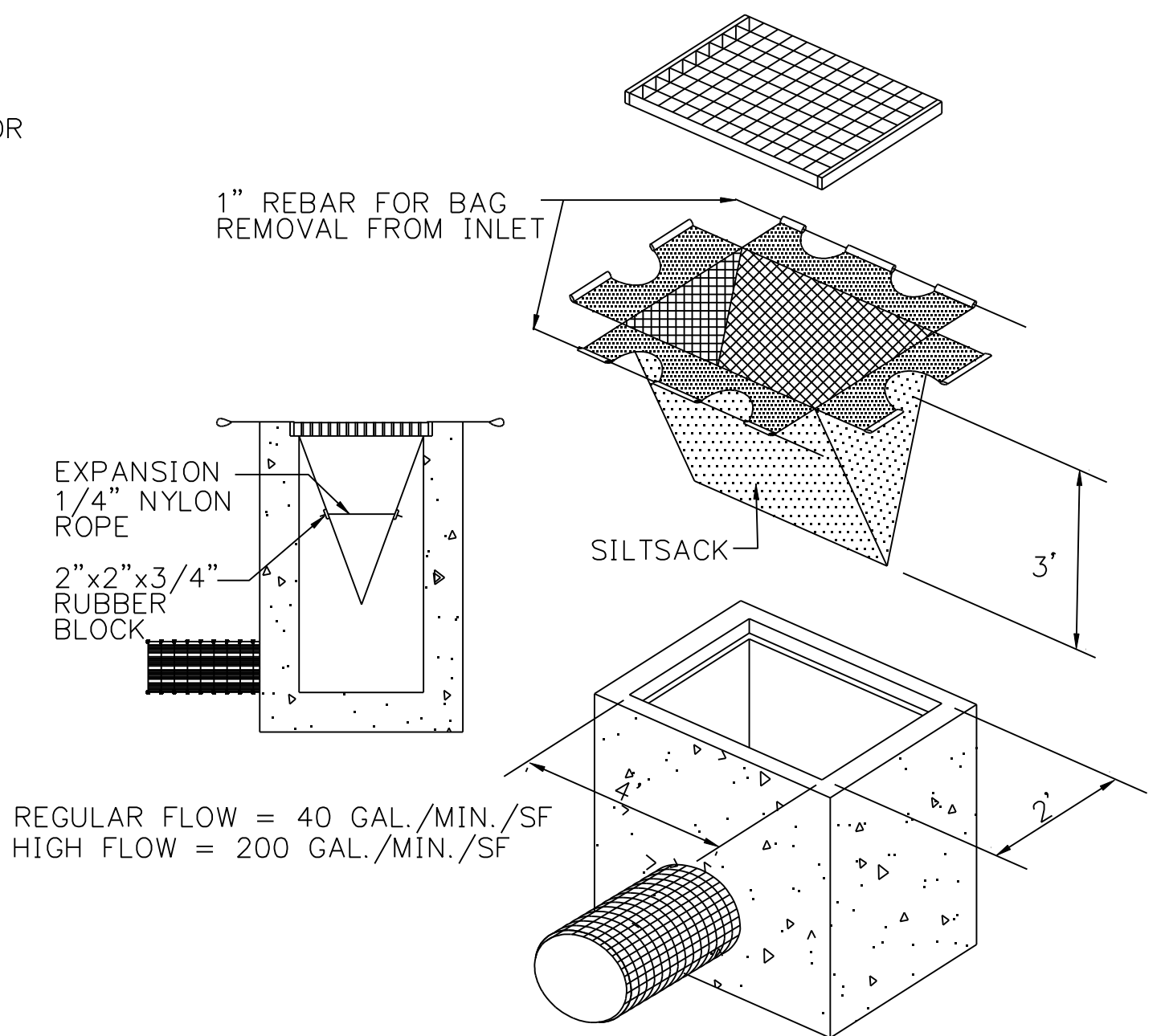
STONE FILTER BERM W/ FILTER FABRIC

DETAIL NTS 5



CONSTRUCTION ENTRANCE

DETAIL NTS 8



NOTE: REGULAR FLOW = 40 GAL./MIN./SF
HIGH FLOW = 200 GAL./MIN./SF

SILTSACK

DETAIL NTS 9

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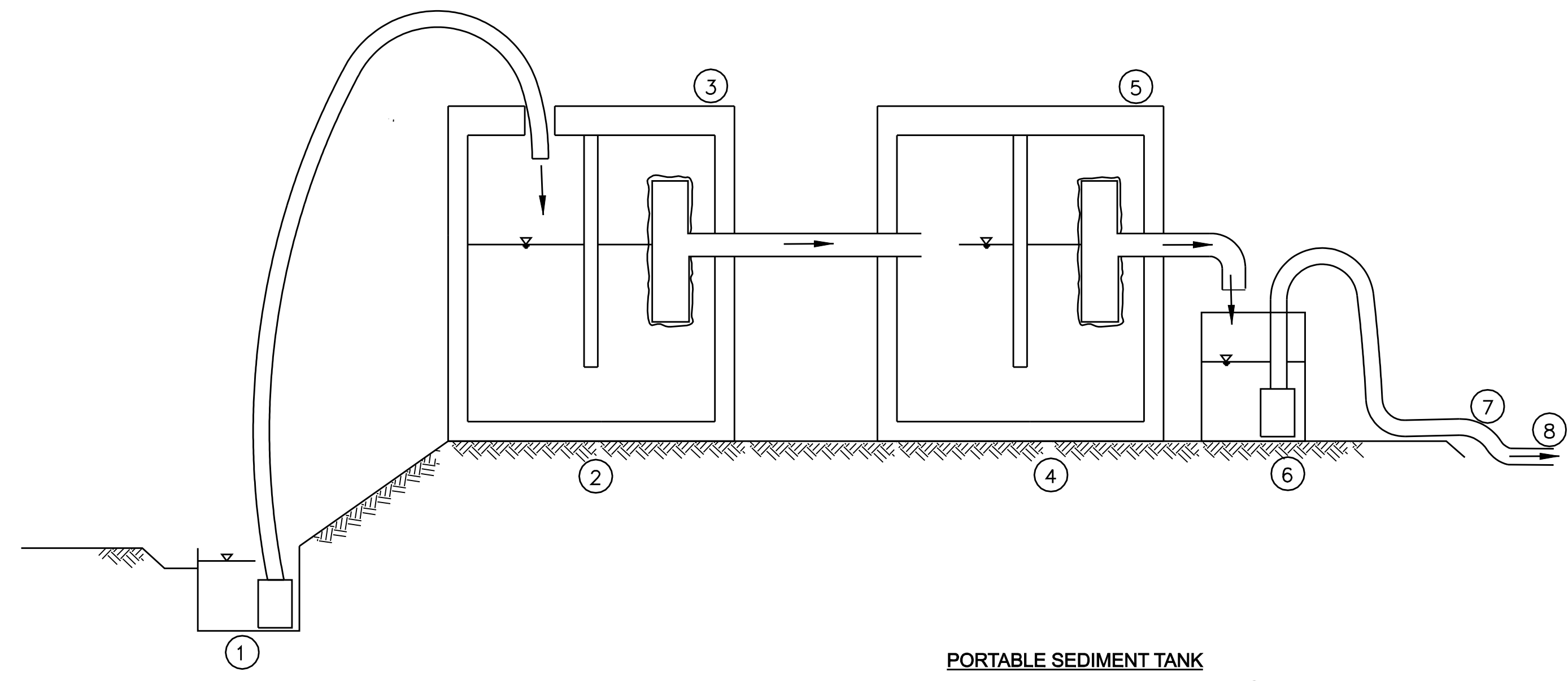
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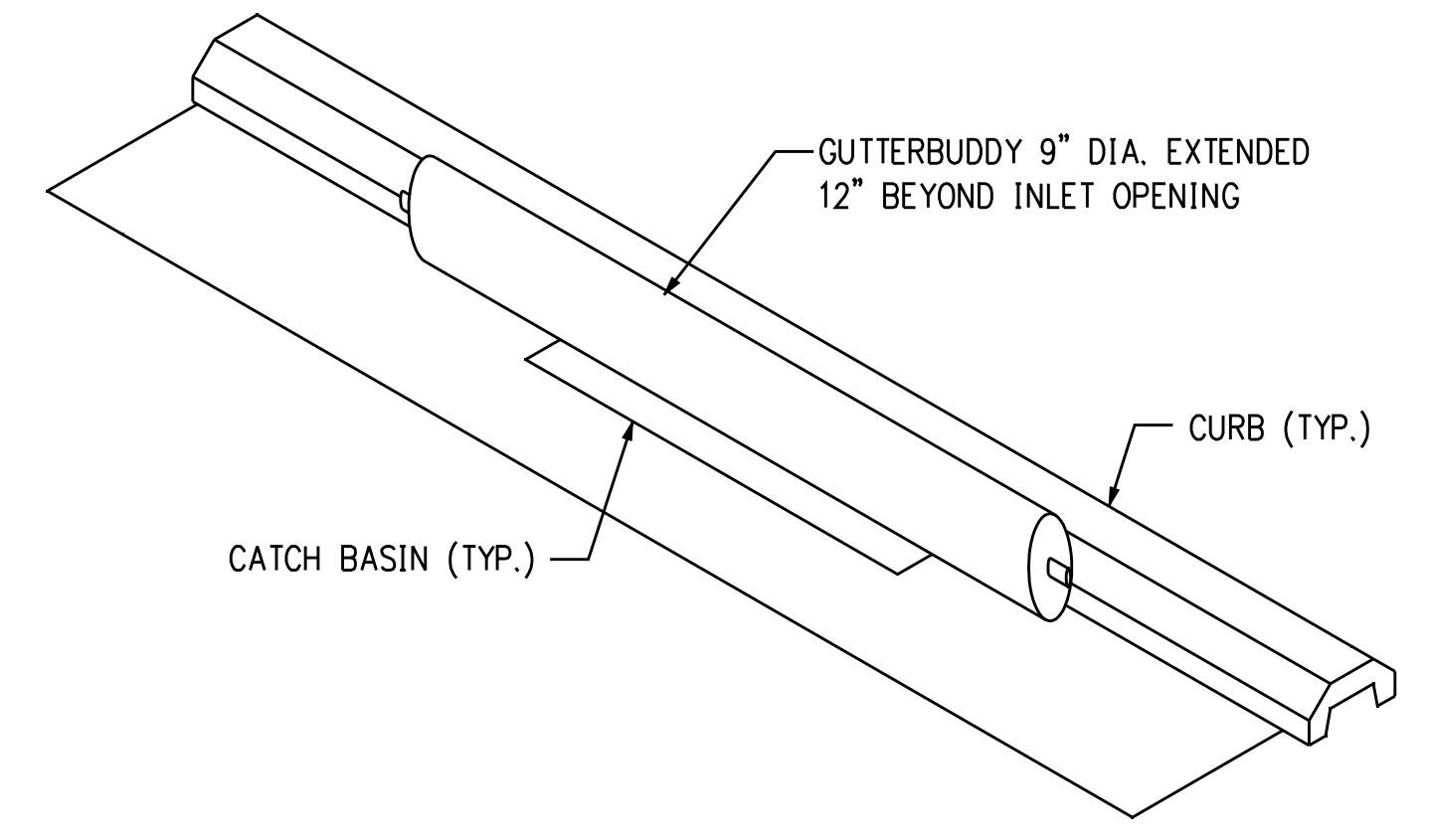
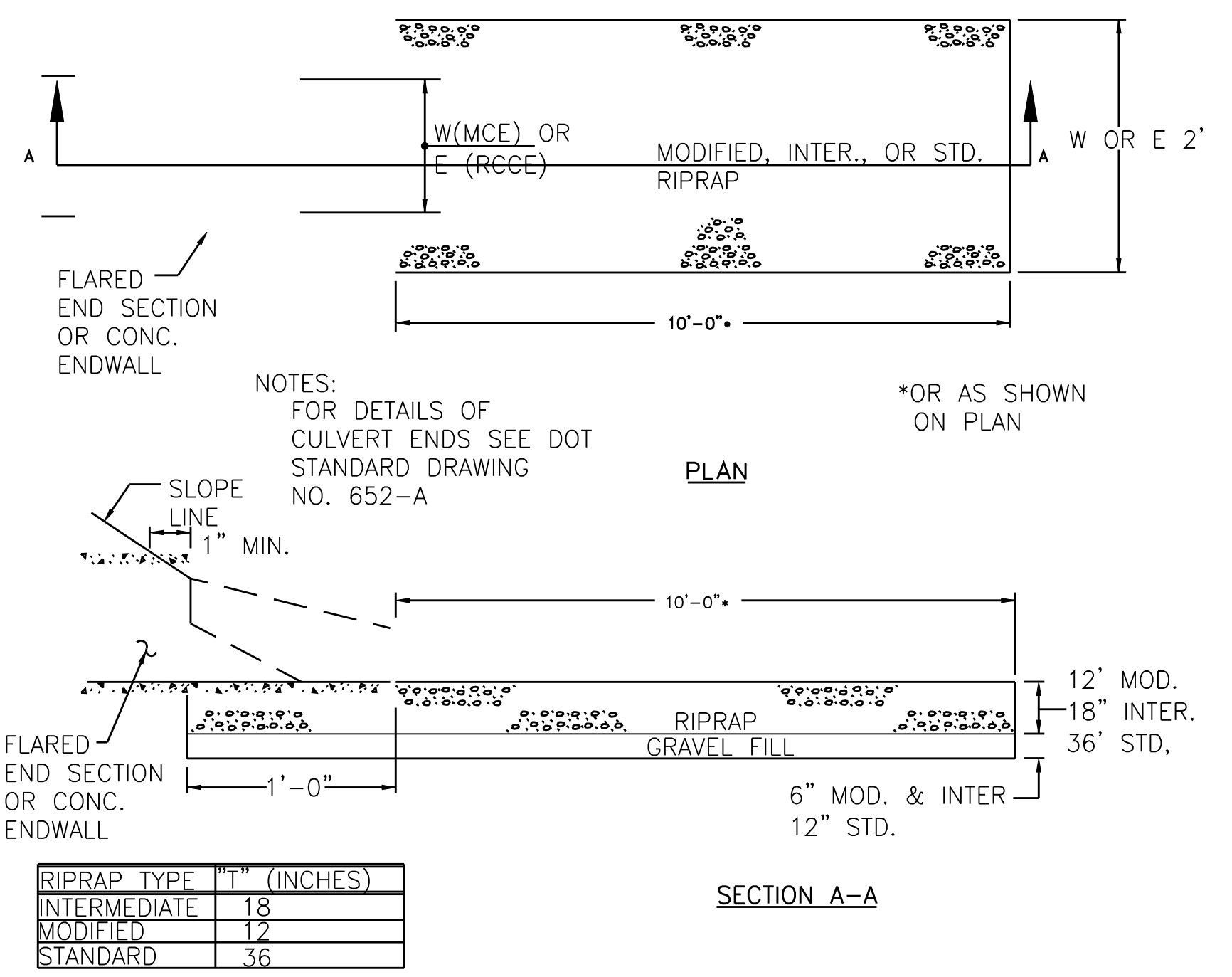
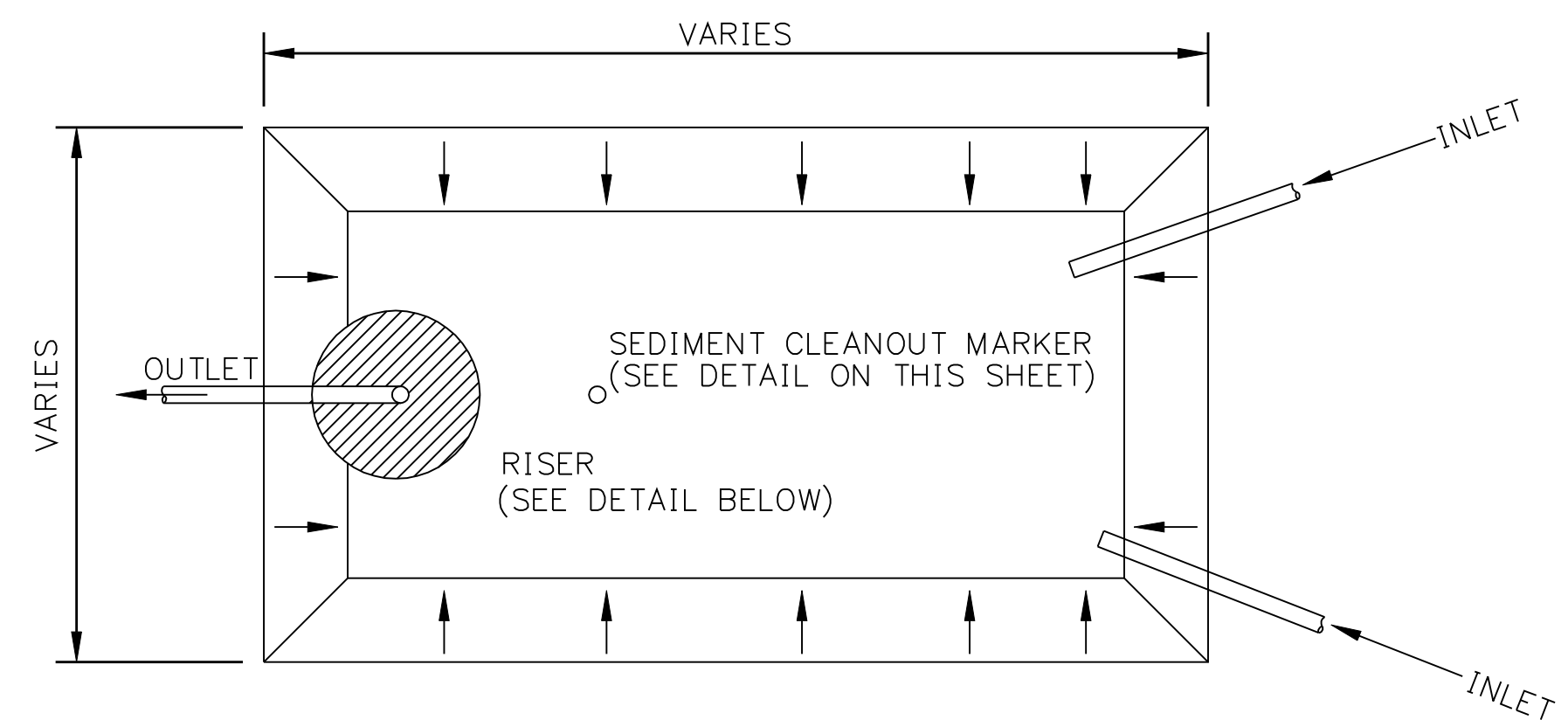
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EROSION CONTROL DETAILS

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-15003	PG 001

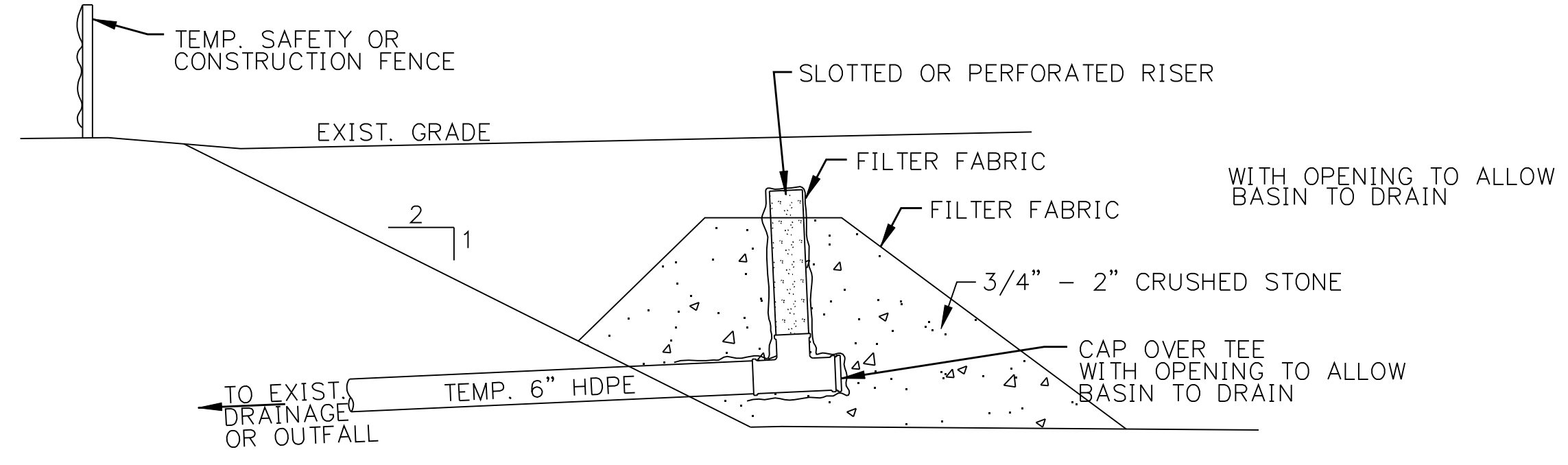


- NOTES
- 20 GPM TRASH PUMP DEWATERS FOUNDATION EXCAVATION
 - MUDDY WATER DISCHARGES TO 1,250 GAL SEPTIC TANK (OR DET. OUTLET STRUCTURE)
 - 4" TEE OUTLET WRAPPED W/ FILTER FABRIC
 - 1,250 GAL CLEAR WELL
 - 2ND 4" TEE OUTLET WRAPPED W/ FILTER FABRIC
 - 2ND PUMP IN 55 GAL DRUM (OR GRAVITY HOSE) DRAINS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

PORTABLE SEDIMENT TANK
 DETAIL NTS 1



GUTTERBUDDY STORM DRAIN
 DETAIL NTS 4



TEMPORARY SEDIMENT TRAP
 DETAIL NTS 2

LEVEL SPREADER
 DETAIL NTS 3

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SCALE AS NOTED

DWG. NO. 01224-15003 PG 002