

LOCATION MAP

N.T.S.



m | n middletown | norwalk

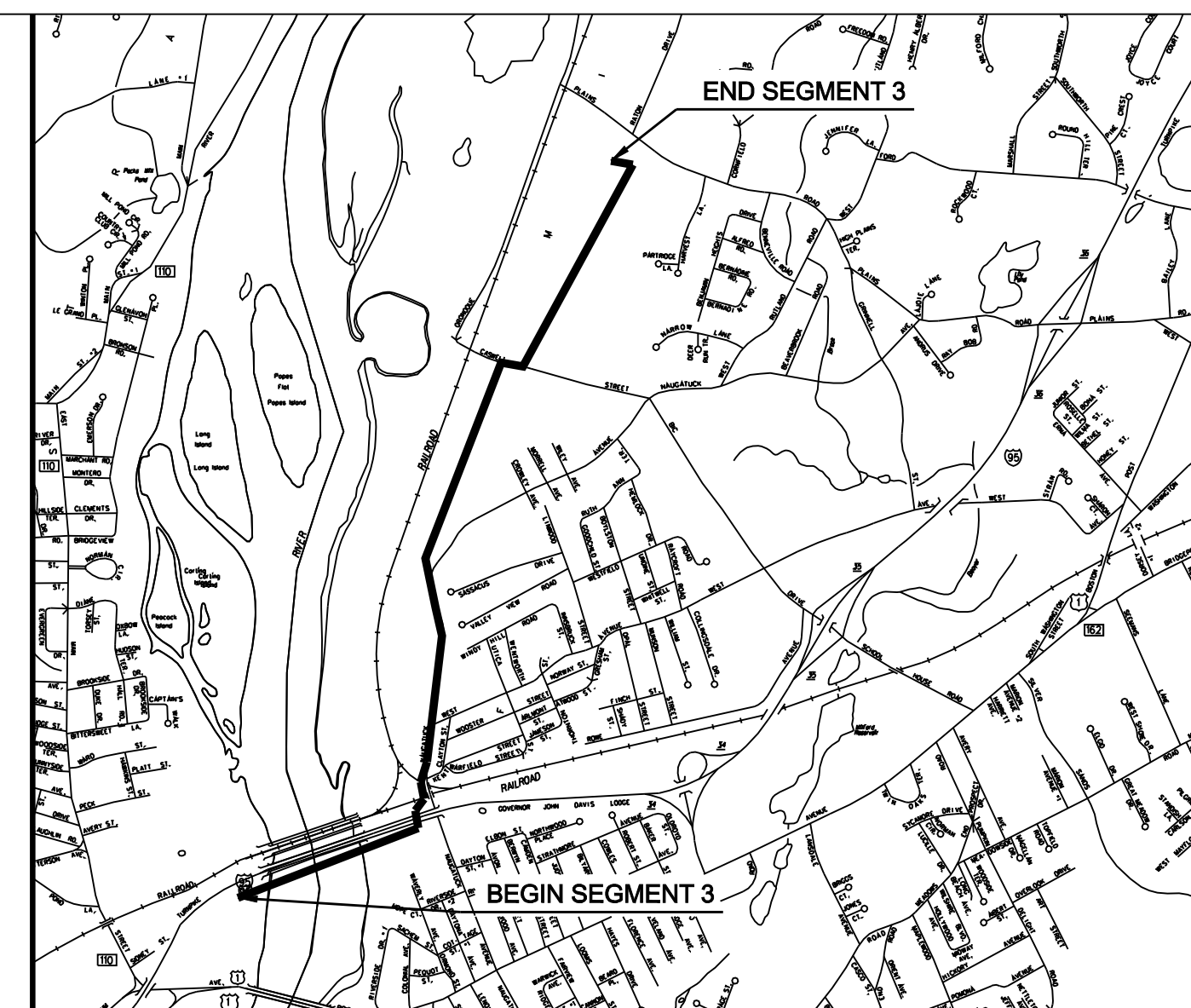
CONNECTICUT SITING COUNCIL
DOCKET NO. 272

DEVELOPMENT & MANAGEMENT PLAN
FOR THE
MIDDLETOWN-NORWALK
345-kV TRANSMISSION LINE PROJECT

SEGMENT 3
CITY OF MILFORD, CONNECTICUT

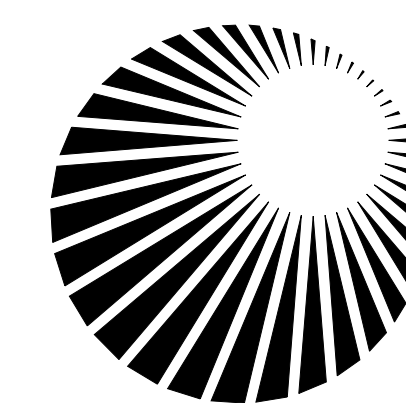
VOLUME 2 OF 3

JANUARY 22, 2006



VICINITY MAP

N.T.S.



Connecticut
Light & Power
The Northeast Utilities System


DRAWING INDEX

DRAWING INDEX:

DWG NO	TITLE/DESCRIPTION
01223-00000 PG 001	DEVELOPMENT AND MANAGEMENT PLAN
01223-00001 PG 001	HOUSATONIC RIVER TO EAST DEVON SS PAGE INDEX
01223-00001 PG 002	HOUSATONIC RIVER TO EAST DEVON SS GENERAL NOTES AND LEGEND
01223-10002 PG 001	CITY OF MILFORD INDEX KEY MAP
01223-10001 PG 001	SUBMITTED UNDER CROSSING SUBMITTAL
01223-10001 PG 002	SUBMITTED UNDER CROSSING SUBMITTAL
01223-10001 PG 003	CITY OF MILFORD P & P Sta 1017+00 TO 1021+00
01223-10001 PG 004	CITY OF MILFORD P & P Sta 1019+00 TO 1026+00
01223-10001 PG 005	CITY OF MILFORD P & P Sta 1024+50 TO 1032+50
01223-10001 PG 006	CITY OF MILFORD P & P Sta 1031+00 TO 1040+00
01223-10001 PG 007	CITY OF MILFORD P & P Sta 1038+00 TO 1046+00
01223-10001 PG 008	CITY OF MILFORD P & P Sta 1045+00 TO 1053+00
01223-10001 PG 009	CITY OF MILFORD P & P Sta 1051+00 TO 1060+00
01223-10001 PG 010	CITY OF MILFORD P & P Sta 1059+00 TO 1068+00
01223-10001 PG 011	CITY OF MILFORD P & P Sta 1066+00 TO 1075+00
01223-10001 PG 012	CITY OF MILFORD P & P Sta 1074+50 TO 1083+50
01223-10001 PG 013	CITY OF MILFORD P & P Sta 1083+00 TO 1091+50
01223-10001 PG 014	CITY OF MILFORD P & P Sta 1091+00 TO 1100+00
01223-10001 PG 015	CITY OF MILFORD P & P Sta 1098+00 TO 1107+00
01223-10001 PG 016	CITY OF MILFORD P & P Sta 1105+00 TO 1114+00
01223-10001 PG 017	CITY OF MILFORD P & P Sta 1113+00 TO 1122+00
01223-10001 PG 018	CITY OF MILFORD P & P Sta 1120+00 TO EAST DEVON SS
01223-45003 PG 001	CONSTRUCTION DETAILS
01223-45003 PG 002	CONSTRUCTION DETAILS
01223-46003 PG 001	CONSTRUCTION DETAILS
01223-71003 PG 001	CONSTRUCTION DETAILS
01223-71003 PG 002	CONSTRUCTION DETAILS
01223-71003 PG 003	CONSTRUCTION DETAILS
01223-15003 PG 001	EROSION CONTROL DETAILS
01223-15003 PG 002	EROSION CONTROL DETAILS

DOCKET No. 272

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NOT FOR CONSTRUCTION

												NORTHEAST UTILITIES SERVICE CO.							
												FOR THE CONNECTICUT LIGHT & POWER COMPANY							
												TITLE MIDDLETOWN-NORWALK 345kV TRANSMISSION PROJECT HOUSATONIC RIVER TO EAST DEVON SS PAGE INDEX							
		5		1/24/06		ISSUED CSC		CTC				BY SEN-BMCD		CHKD		APP		APP	
		4		1/11/06		ISSUED CIVIL RFP		CTC				DATE 2-5-05		DATE		DATE		DATE	
		3		12/27/05		ISSUED NU FINAL REVIEW		CTC		date		10/11/05		detailed		L. ROWSE			
		2		11/17/05		ISSUED MUNICIPALITY REVIEW		CTC		designed		C. COURTRIGHT		checked		S. NEWLAND			
		1		10/11/05		ISSUED 60% PRELIMINARY		CTC		no.		date		revisions		by		chk	
										MF		NO.		DATE		REVISIONS		BY CHK APP APP	
																		SCALE AS NOTED D	
																		DWG. NO. 01223-00001 PG 001	

ABBREVIATIONS		UTILITY - COMMUNICATIONS AND ELECTRIC		LEGEND		GENERAL NOTES	
<u>BUILDINGS</u>		<u>UTILITY - COMMUNICATIONS AND ELECTRIC</u>		<u>Edge Of Road</u>	<u>Easement Line</u>	<ol style="list-style-type: none"> THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG. ALL VERTICAL RADII ARE 200' UNLESS OTHERWISE NOTED. DUCT BANK SHALL MAINTAIN MINIMUM COVER DEPTH OF 2'-6" UNLESS OTHERWISE SHOWN ON DRAWINGS. MAINTAIN 1'-0" VERTICAL CLEARANCE OVER OR UNDER EXISTING UTILITIES UNLESS OTHERWISE SHOWN ON DRAWINGS. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RETURNED TO THE ORIGINAL CONDITIONS AS DETERMINED BY NORTHEAST UTILITIES. COORDINATES AND STATIONING INDICATED ARE AT CENTERLINE OF DUCT BANK. SEE DRAWINGS 01223-45003 PG 001, 01223-45003 PG 002, 01223-46003 PG 001, 01223-71003 PG 001 THROUGH 01223-71003 PG 003, AND 01223-15003 PG 001 THROUGH 01223-15003 PG 002 FOR CONSTRUCTION DETAILS AND EROSION CONTROL DETAILS. SEE INDEX KEY MAPS FOR THE DESIGNATION BETWEEN MUNICIPAL ROADS AND STATE ROADS. TREES AND SHRUBS TO BE REMOVED AND REPLACED ALONG ROUTE SHALL BE APPROVED BY MUNICIPALITY AND OR LAND OWNER. COORDINATES ARE BASED ON THE CONNECTICUT STATE PLANE COORDINATE SYSTEM. (NAD 83) VERTICAL DATUM IS BASED ON NAVD 88. SILT FENCE SHALL BE USED ALONG THE DOWN SLOPE SIDE OF THE CONSTRUCTION AREA WHERE THERE IS THE POTENTIAL FOR STORM WATER RUNOFF. THIS INCLUDES ANY PERVIOUS AREAS ALONG THE ROUTE. INLET PROTECTION SHALL BE USED IN ROADWAYS WHERE STORM DRAINS ARE PRESENT AND POTENTIAL FOR STORM WATER RUNOFF EXISTS. 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. VAULT AND DUCT BANK LOCATIONS ARE SUBJECT TO ADJUSTMENT DUE TO UNFORESEEN CONDITIONS. 	
GAR.	GARAGE	ELEC.MH	ELECTRIC MANHOLE	Concrete Pavement	Edge of Water		
<u>GUIDE RAILS</u>		TEL.MH	TELEPHONE/COMMUNICATIONS MANHOLE	Dirt Road	Stone Wall		
MBR	METAL BEAM RAIL	TRANS.	TRANSFORMER	B.C.L.C.	Transmission Tower		
CGRM	CABLE GUIDE RAIL METAL POSTS	UI	UNITED ILLUMINATING	Curb (Type As Labeled)	Riprap		
CGRW	CABLE GUIDE RAIL WOOD POSTS	SNET	SOUTHERN NEW ENGLAND TELEPHONE	Concrete Median Barrier	Hedge Row		
TGR	TIMBER GUIDE RAIL	CL&P	CONNECTICUT LIGHT AND POWER	Railroad Tracks	Tree Line		
<u>FENCES/WALLS</u>		<u>UTILITY - GAS</u>		Fence	Shrub		
CLF	CHAIN LINK FENCE	GG	GAS GATE	Storm	All Trees		
PICK.FENCE	PICKET FENCE	ST.	STEEL	Sanitary	Hand Hole		
RAIL FENCE	WOOD RAIL FENCE	<u>PIPE MATERIALS</u>		Gas Main	Pedestrian Signal		
STOCK.FENCE	STOCKADE FENCE	CI	CAST IRON	Water Main	Span Pole		
WIRE FENCE	WIRE FENCE	DI	DUCTILE IRON	Underground Electric	Mast Arm		
RET.WALL	RETAINING WALL	H.P.	HIGH PRESSURE	Telephone Duct Bank	Traffic Controller		
<u>MONUMENTATION</u>		LP.	LOW PRESSURE	Underground Tele. Conduit	Traffic Signal		
CHD	CONN.HIGHWAY DEPT.MON.	PLA	PLASTIC	Overhead Wires	Sign		
DH	DRILL HOLE	PVC	POLYVINYL CHLORIDE	Retaining Wall	2-Post Sign		
I.PIN	IRON PIN	RCP	REINFORCED CONCRETE PIPE	Highway Line	Double-Faced Sign		
I.PIPE	IRON PIPE	CMP	CORRUGATED METAL PIPE	Street Line	Billboard		
MAG.NAIL	MAGNETIC NAIL	WRP	WRAPPED PIPE	Property Line	Utility Pole		
MON.	MONUMENT	600*	600 PSI	Lot Line Of Common Ownership	Utility Pole With Light		
PK NAIL	*PK* NAIL	<u>STRUCTURES</u>		Town Line	General Purpose Lamp		
SPIKE	SPIKE	*C* CB	CURBED CATCH BASIN	DUCT BANK	Light Standard		
<u>SURFACE/WALL/CURB MATERIALS</u>		*C-L* CB	CURBLESS CATCH BASIN	Water /RR Crossing	Guy Wire		
BIT.	BITUMINOUS	MH	MANHOLE	Demolition	Guy Pole		
BOL.	BOLLARD	SAV.	SANITARY		Water Meter		
CONC.	CONCRETE	STM.	STORM		Hydrant		
GRAN.	GRANITE	TF	TOP OF FRAME		Type *C-L* Catch Basin		
GRAV.	GRAVEL	INV.	INVERT		Type *C* Catch Basin		
B.C.L.C.	BITUMINOUS CONCRETE LIP CURB	BTM	BOTTOM		Manhole		
<u>UTILITY - WATER</u>		N/A	NOT AVAILABLE		Benchmark		
WG	WATER GATE (OR CURB BOX)	<u>MISC.</u>			Control Point		
WM	WATER METER	(ABAN)	ABANDONED		Monuments		
<u>TRAFFIC</u>		(MAP)	COMPILED FROM EXISTING MAPPING		Pin,Pipe,Drillhole		
LOOP DET.	LOOP DETECTOR	UG	UNDERGROUND		Marsh		
					Wetlands Boundary		




ONE CALL SYSTEMS
1-800-922-4455
CALL BEFORE YOU DIG.....IT'S THE LAW!
48 HOUR NOTICE REQUIRED

DOCKET No. 272

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no.	date	revisions	by	chk
5	1/24/06	ISSUED CSC		CTC
4	1/11/06	ISSUED CIVIL RFP		CTC
3	12/27/05	ISSUED NU FINAL REVIEW		CTC
2	11/17/05	ISSUED MUNICIPALITY REVIEW		CTC
1	10/11/05	ISSUED 60% PRELIMINARY		CTC

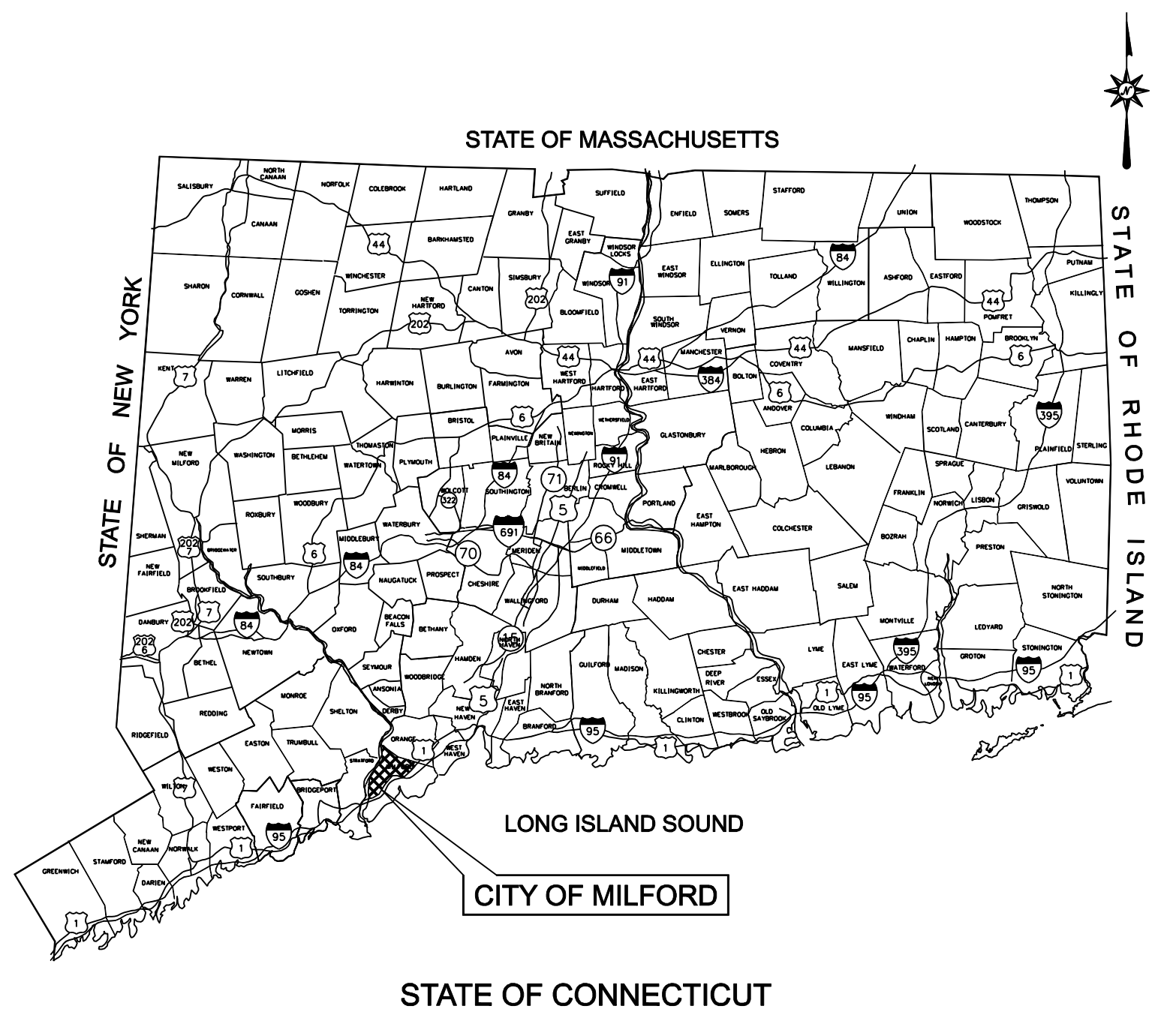


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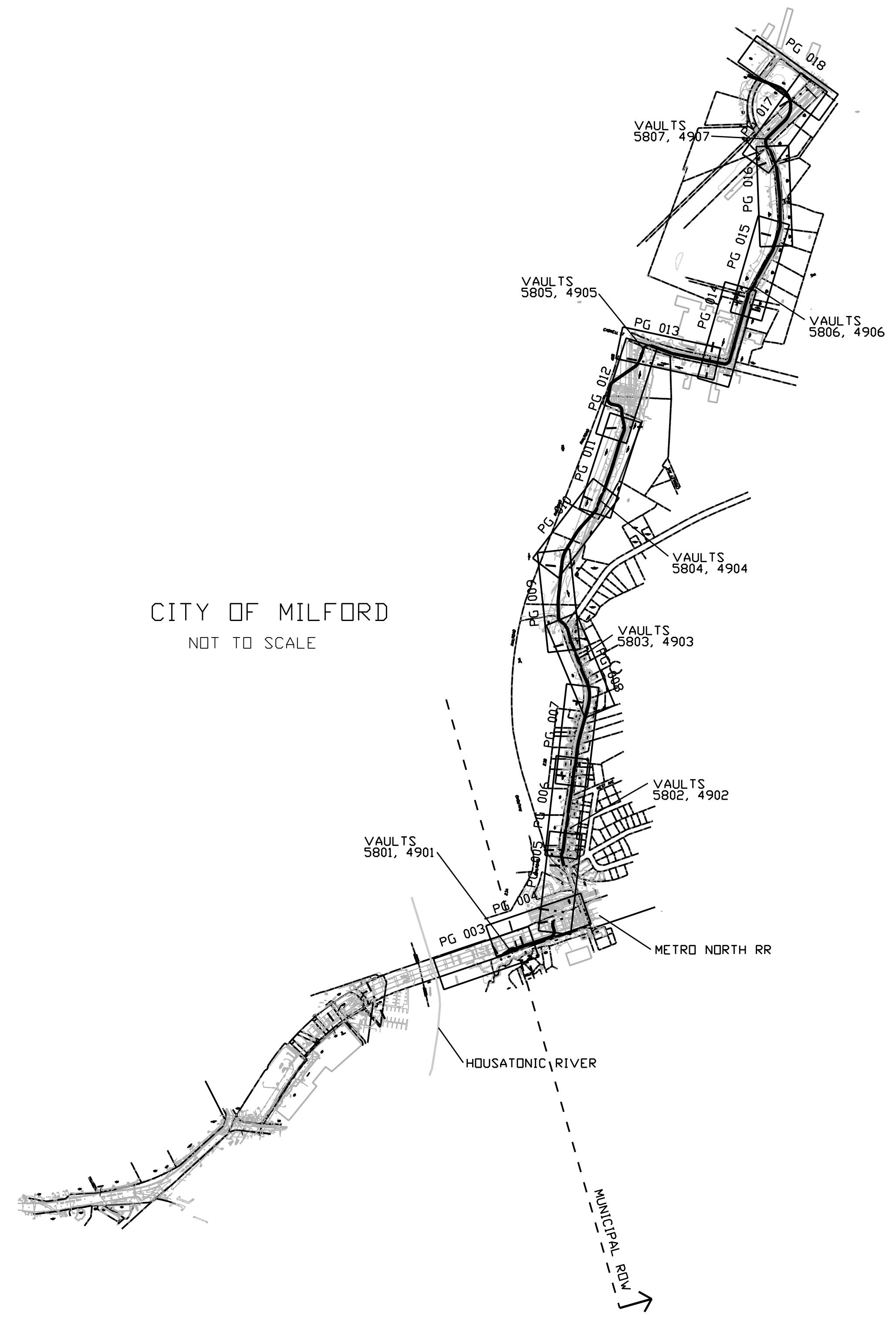
date	10/11/05	detailed	L. ROWSE
designed	C. COURTRIGHT	checked	S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

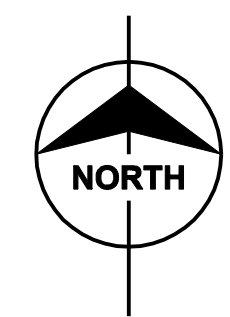
NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345kV TRANSMISSION PROJECT HOUSATONIC RIVER TO EAST DEVON SS GENERAL NOTES AND LEGEND			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO.		DATE
	D		01223-00001 PG 002



LOCATION MAP
N.T.S.



CITY OF MILFORD
NOT TO SCALE



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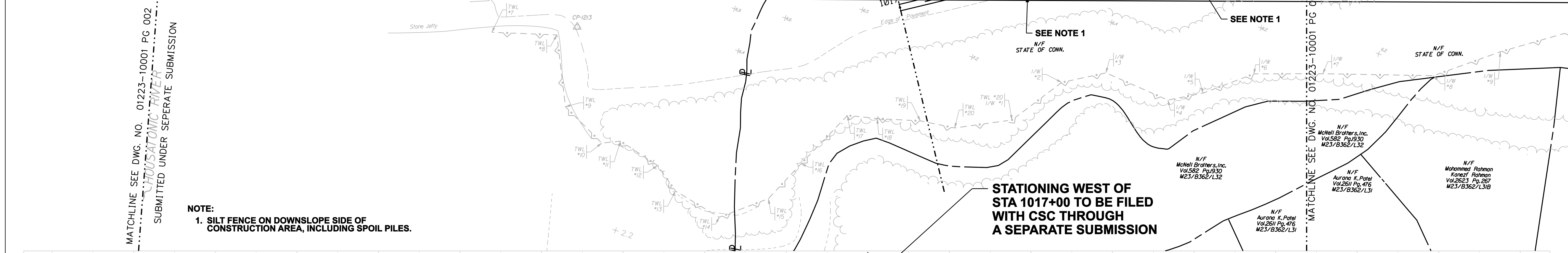
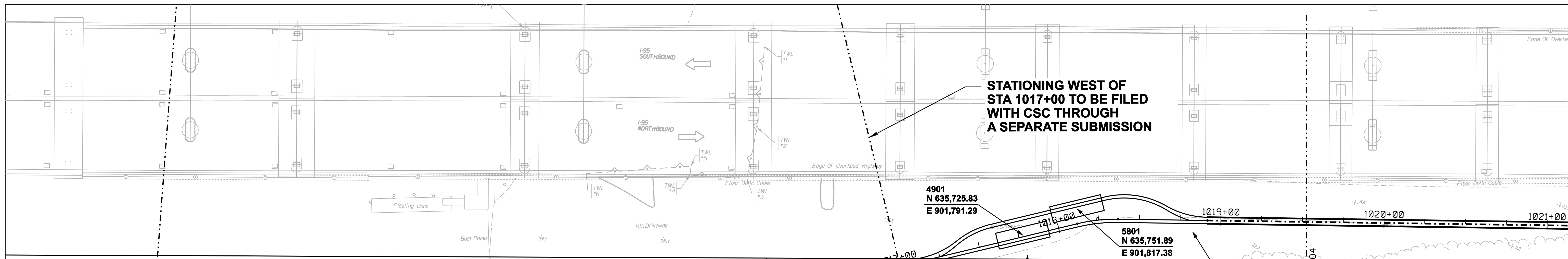
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date 10/11/05 detailed L. ROWSE
designed C. COURTRIGHT checked S. NEWLAND

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NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345kV TRANSMISSION PROJECT CITY OF MILFORD INDEX KEY MAP			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
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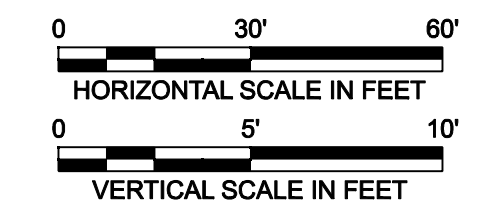
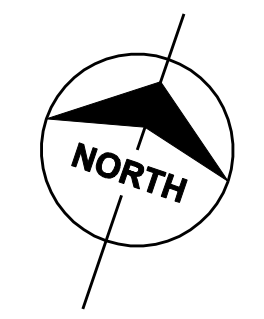
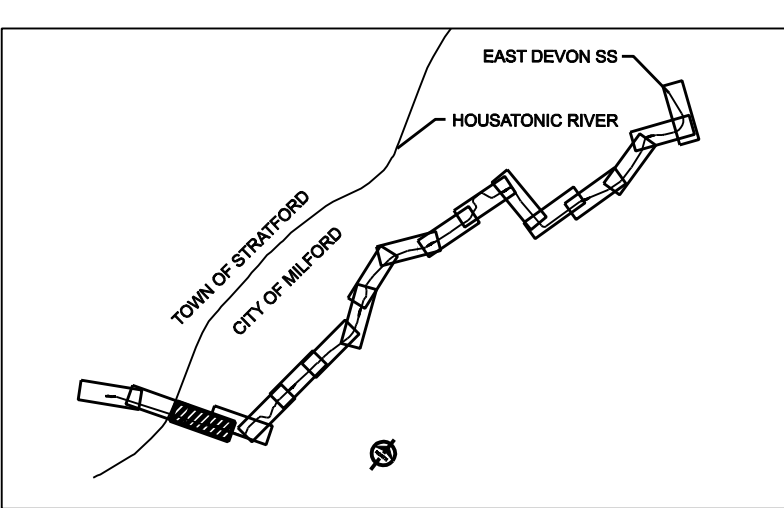
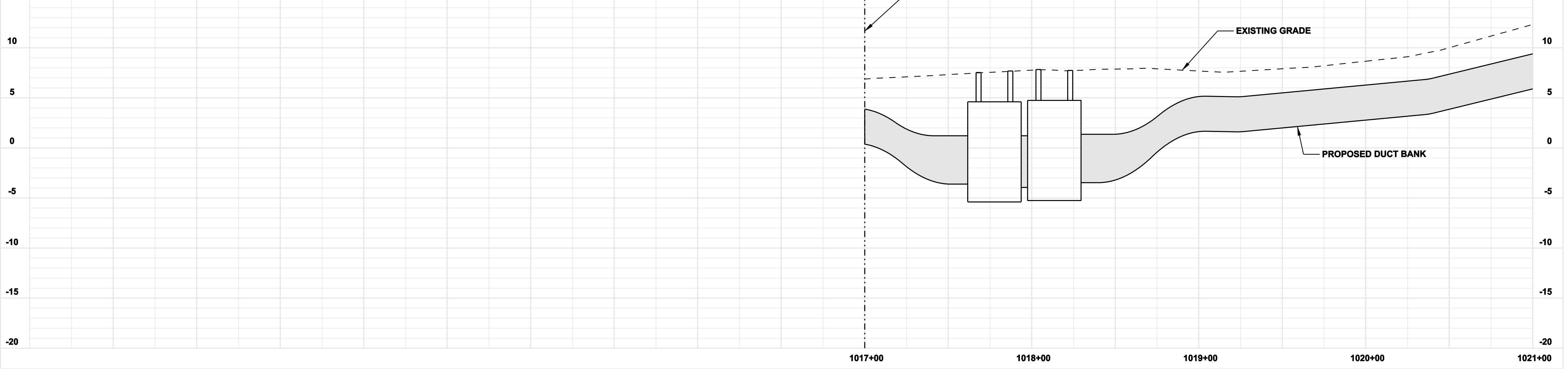


MATCHLINE SEE DWG. NO. 01223-10001 PG 002
HOUSATONIC RIVER
SUBMITTED UNDER SEPARATE SUBMISSION

NOTE:
1. SILT FENCE ON DOWNSLOPE SIDE OF CONSTRUCTION AREA, INCLUDING SPOIL PILES.

STATIONING WEST OF STA 1017+00 TO BE FILED WITH CSC THROUGH A SEPARATE SUBMISSION

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date 10/11/05
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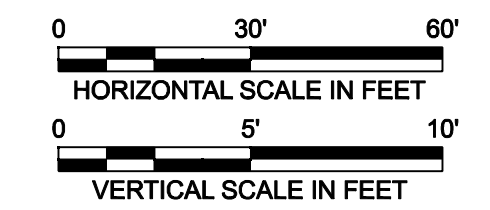
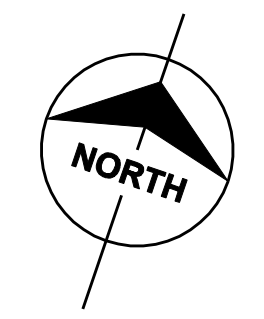
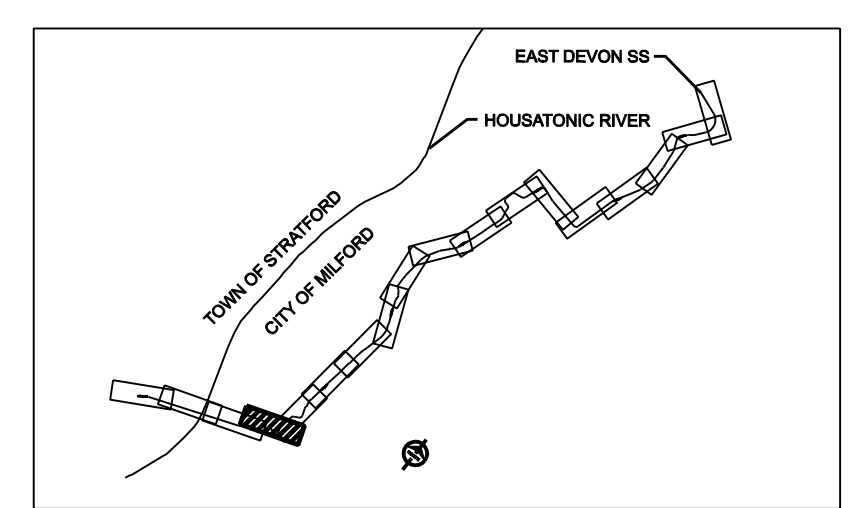
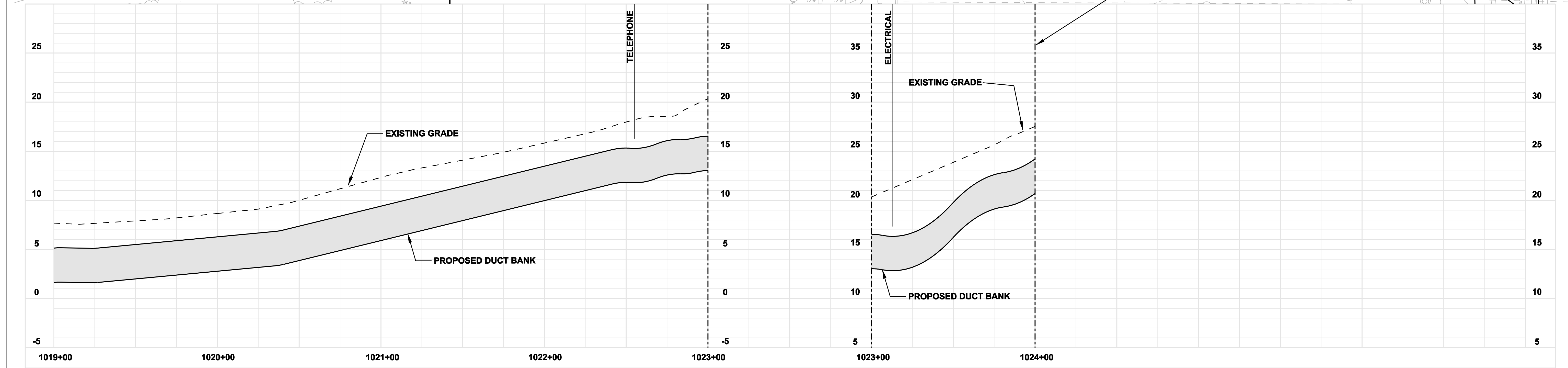
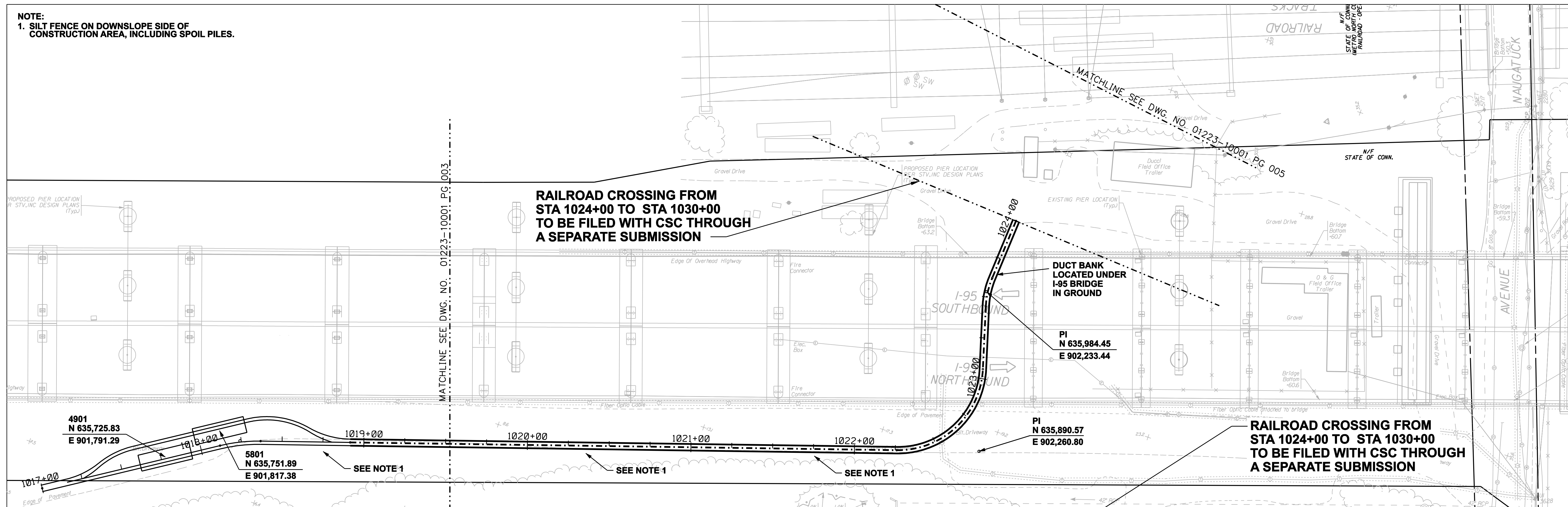
NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE MIDDLETOWN-NORWALK 345kV TRANSMISSION PROJECT
CITY OF MILFORD
PLAN AND PROFILE Sta. 1017+00 to 1021+00

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED		DWG. NO.	
	D	01223-10001 PG 003	

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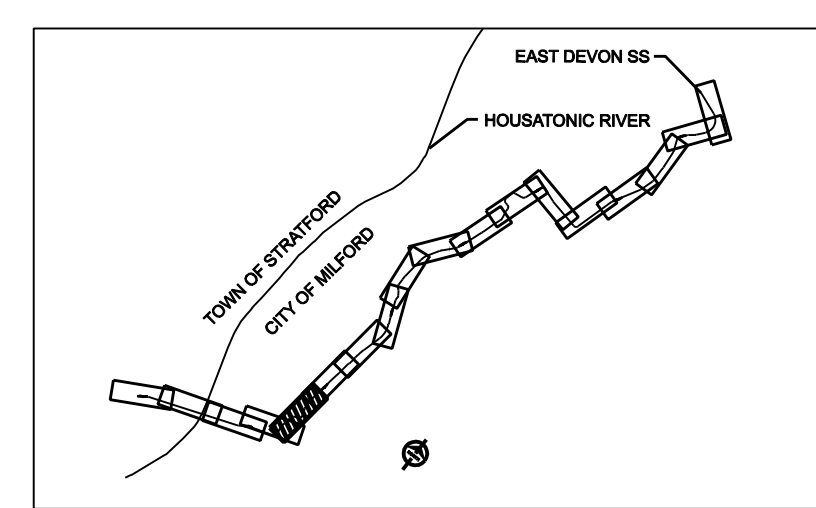
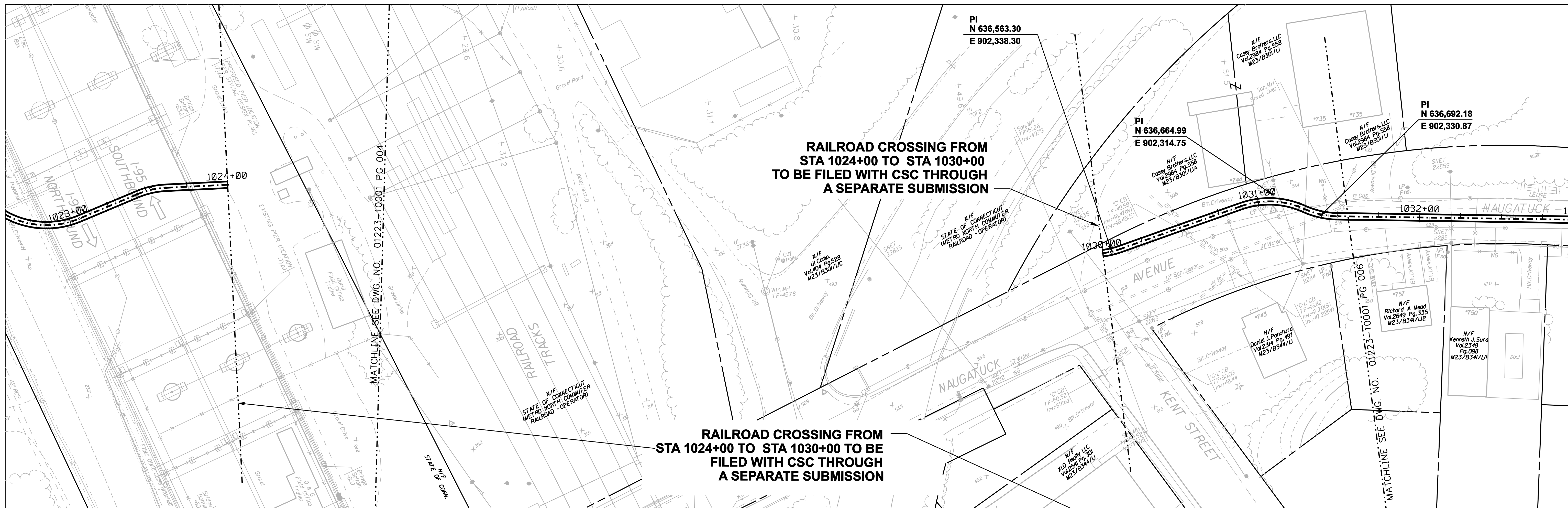
date: 10/11/05
 detailed: L. ROWSE
 designed: C. COURTRIGHT
 checked: S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.
 FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE: MIDDLETOWN-NORWALK 345kV TRANSMISSION PROJECT
 CITY OF MILFORD
 PLAN AND PROFILE Sta. 1019+00 to 1026+00

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED		DWG. NO. 01223-10001 PG 004	



NORTH

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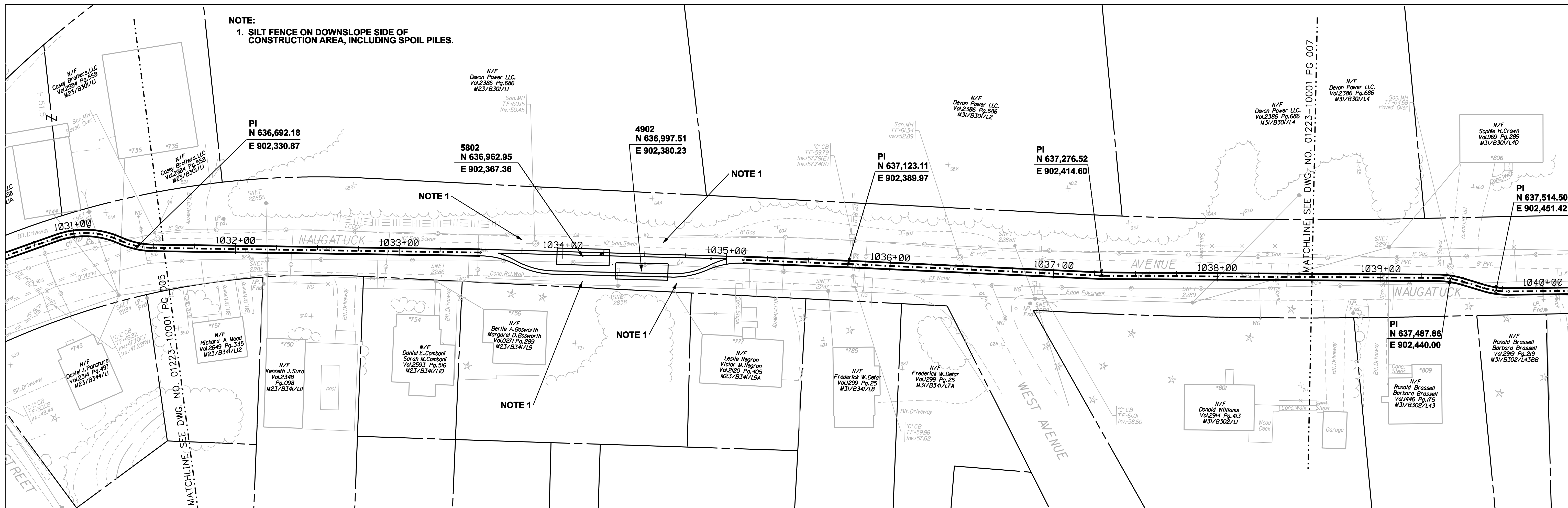
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TITLE MIDDLETOWN-NORWALK 345kV TRANSMISSION PROJECT
CITY OF MILFORD
PLAN AND PROFILE Sta. 1024+50 to 1032+50

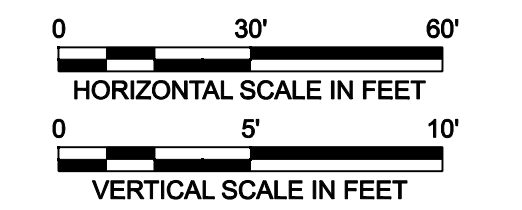
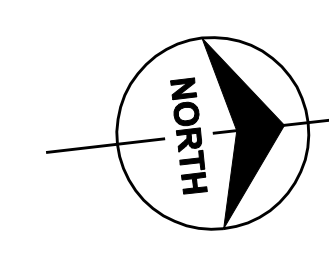
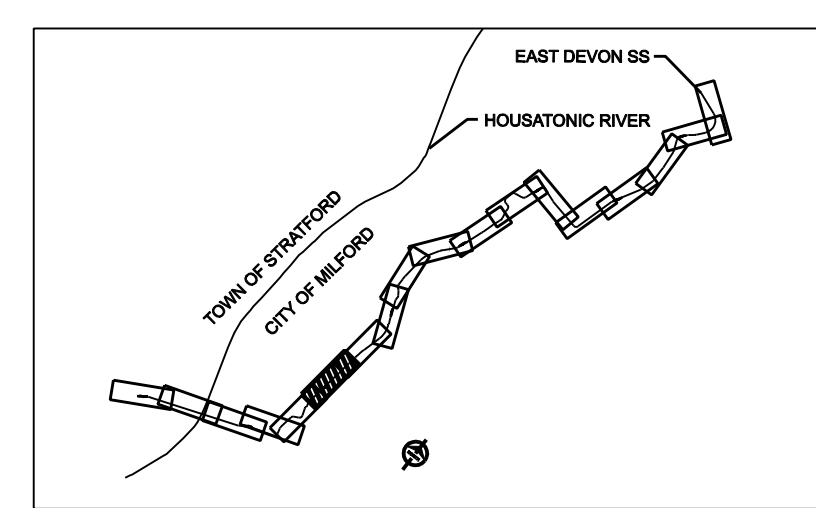
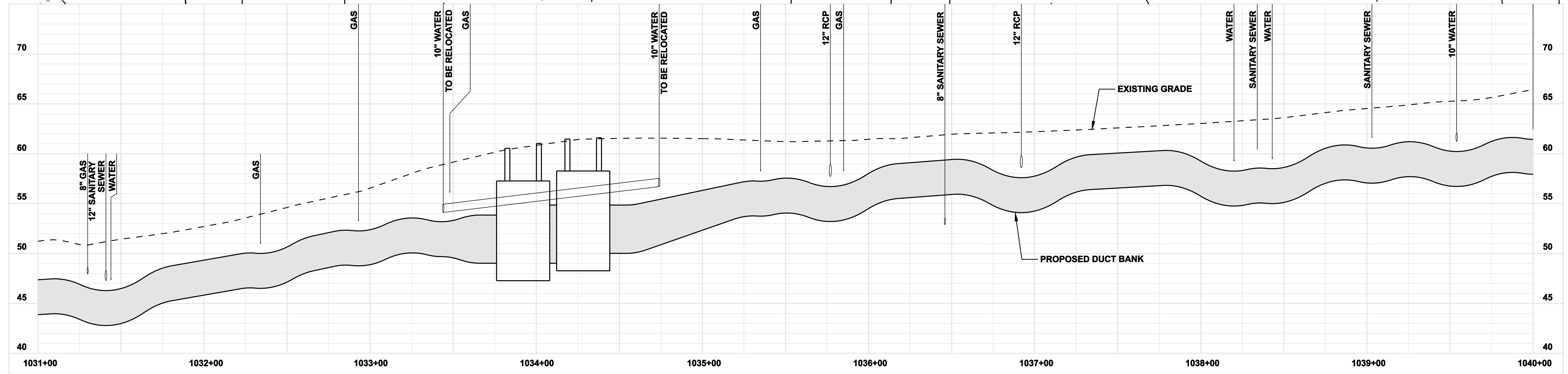
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SCALE AS NOTED	D	DWG. NO. 01223-10001 PG 005	



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NOTE 1

NOTE 1



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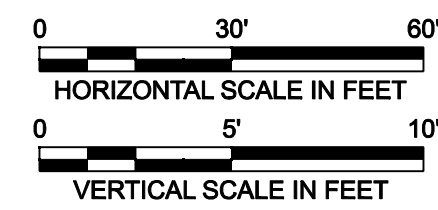
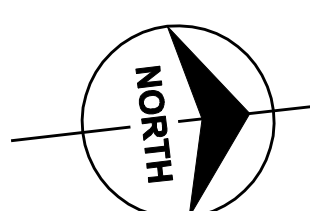
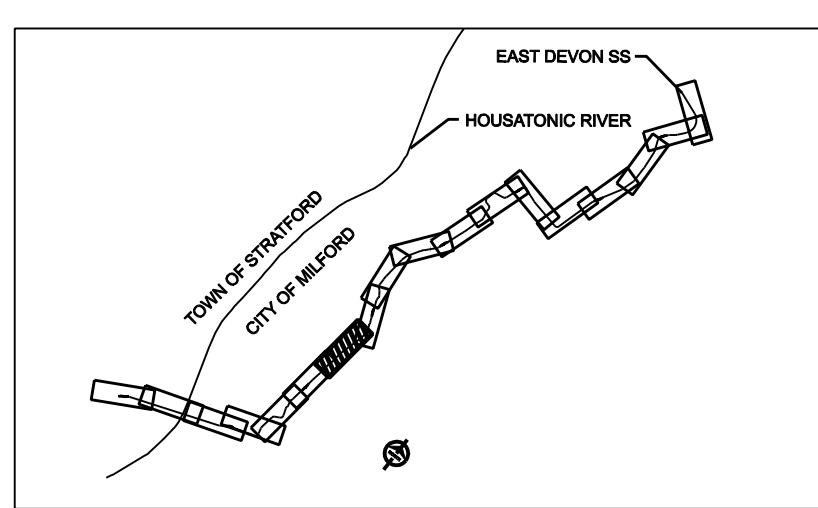
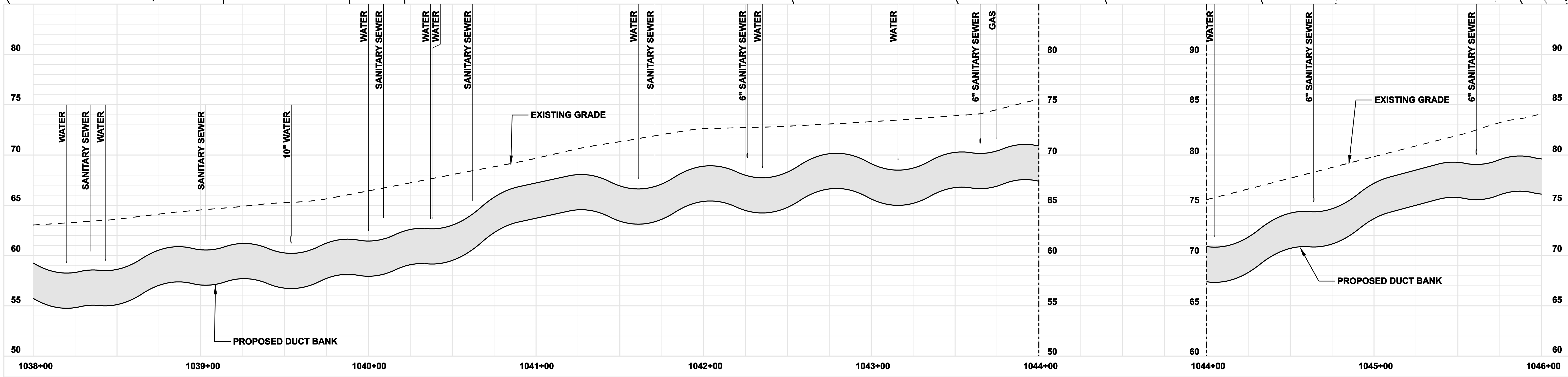
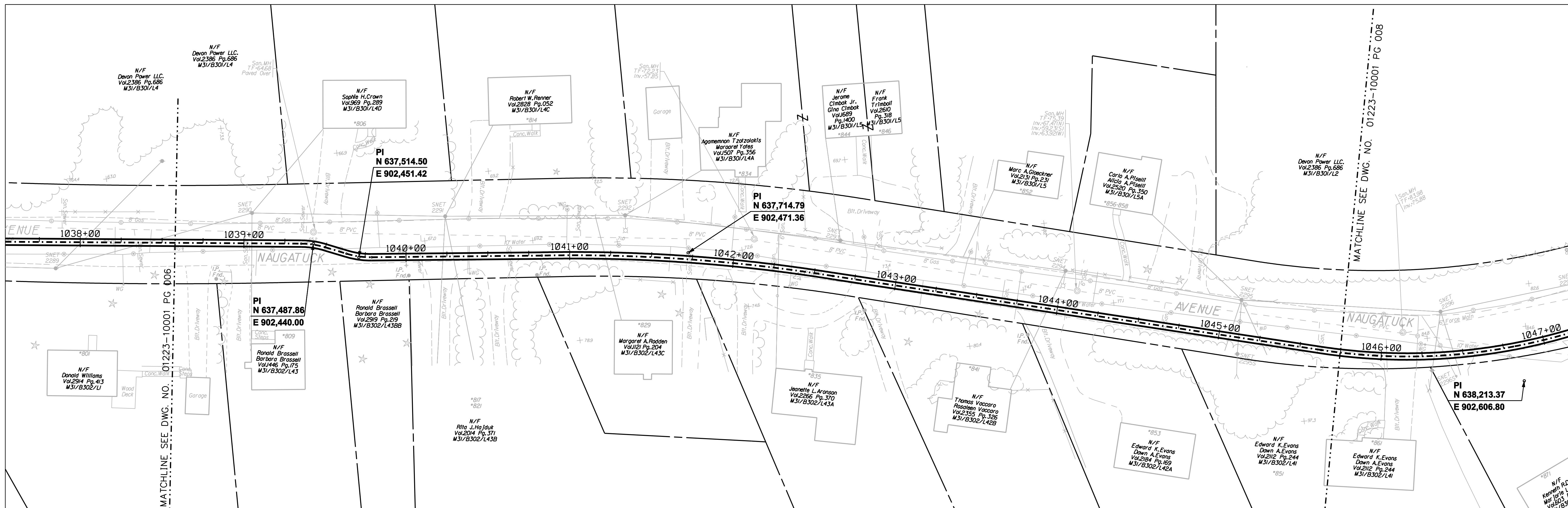


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 CITY OF MILFORD
 PLAN AND PROFILE Sta. 1031+00 to 1040+00
 BY SEN-BMCD: CHKD: APP: APP:
 DATE: 2-5-05 DATE: DATE: DATE:
 SCALE: AS NOTED DWG. NO.: 01223-10001 PG 006



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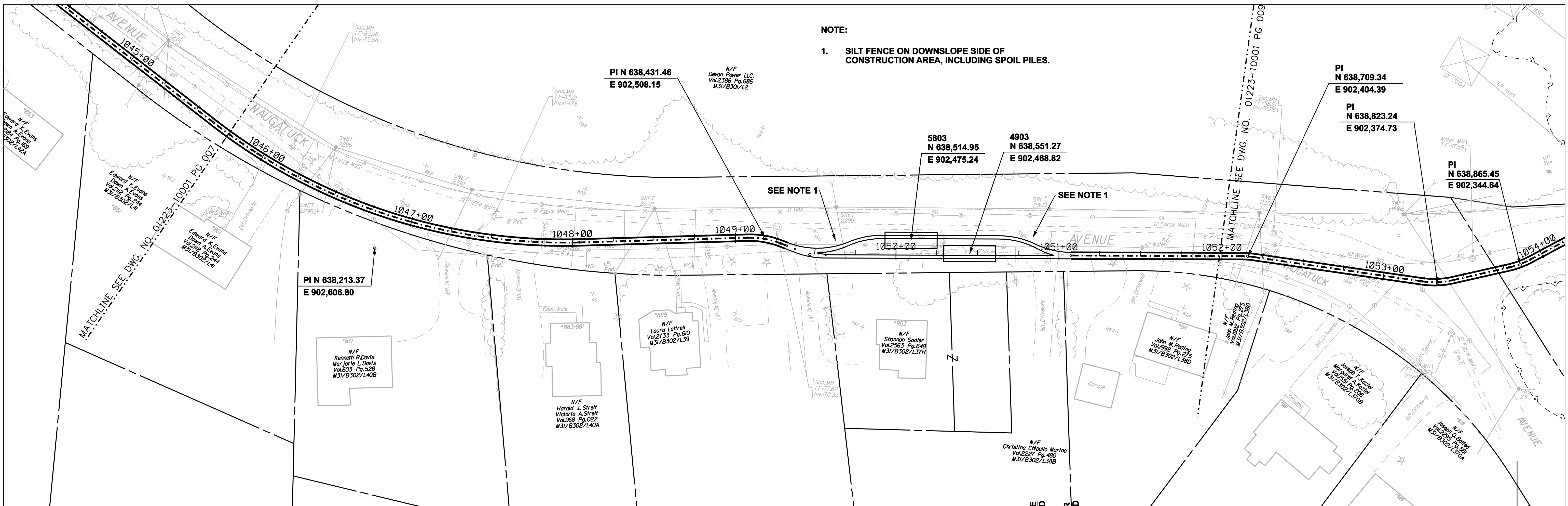
MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

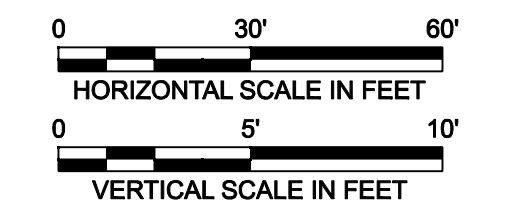
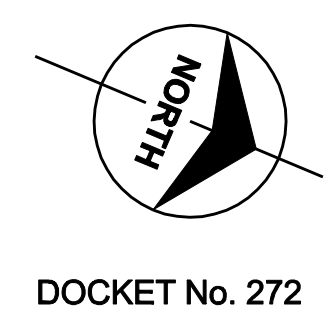
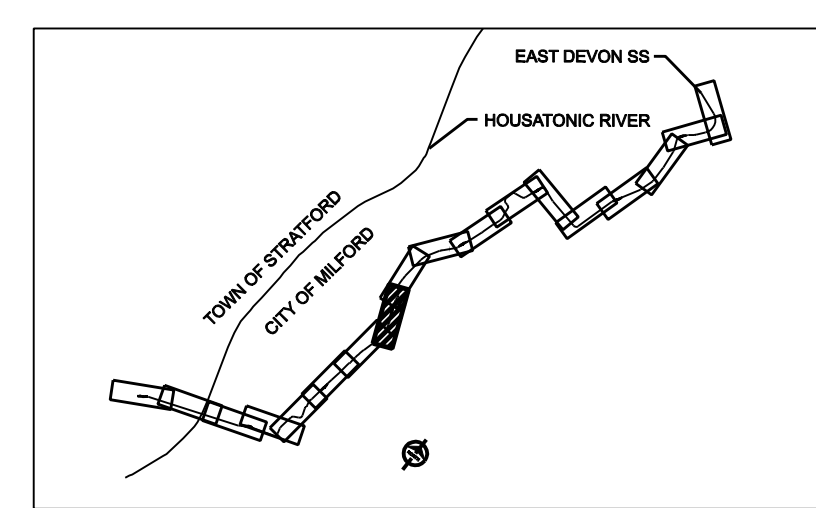
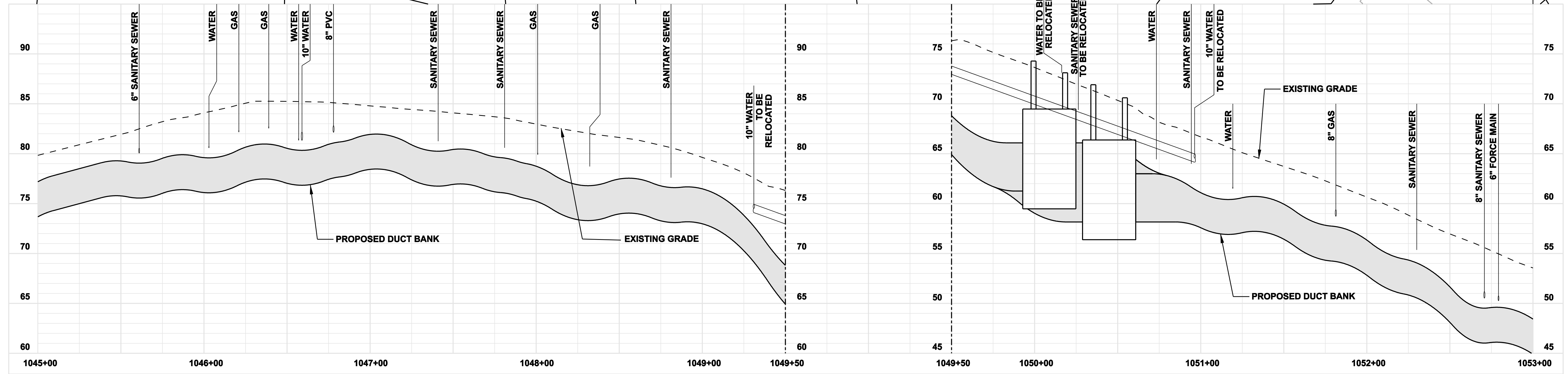
FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE: MIDDLETOWN-NORWALK 345kV TRANSMISSION PROJECT
CITY OF MILFORD
PLAN AND PROFILE Sta. 1038+00 to 1046+00

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01223-10001 PG 007	



NOTE:
 1. SILT FENCE ON DOWNSLOPE SIDE OF CONSTRUCTION AREA, INCLUDING SPOIL PILES.



**FOR REFERENCE ONLY
 NOT FOR CONSTRUCTION**

no.	date	revisions	by	chk
5	1/24/06	ISSUED CSC		CTC
4	1/11/06	ISSUED CIVIL RFP		CTC
3	12/27/05	ISSUED NU FINAL REVIEW		CTC
2	11/17/05	ISSUED MUNICIPALITY REVIEW		CTC
1	10/11/05	ISSUED 60% PRELIMINARY		CTC

Burns & McDonnell
 SINCE 1898

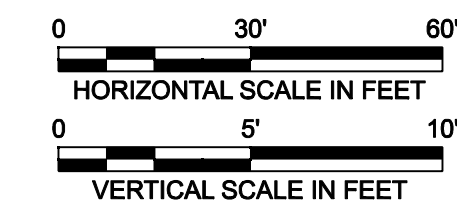
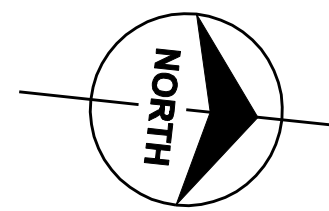
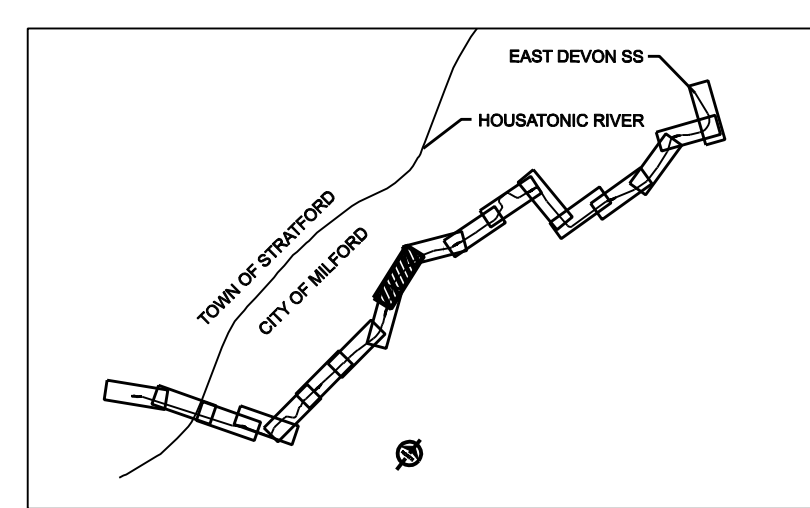
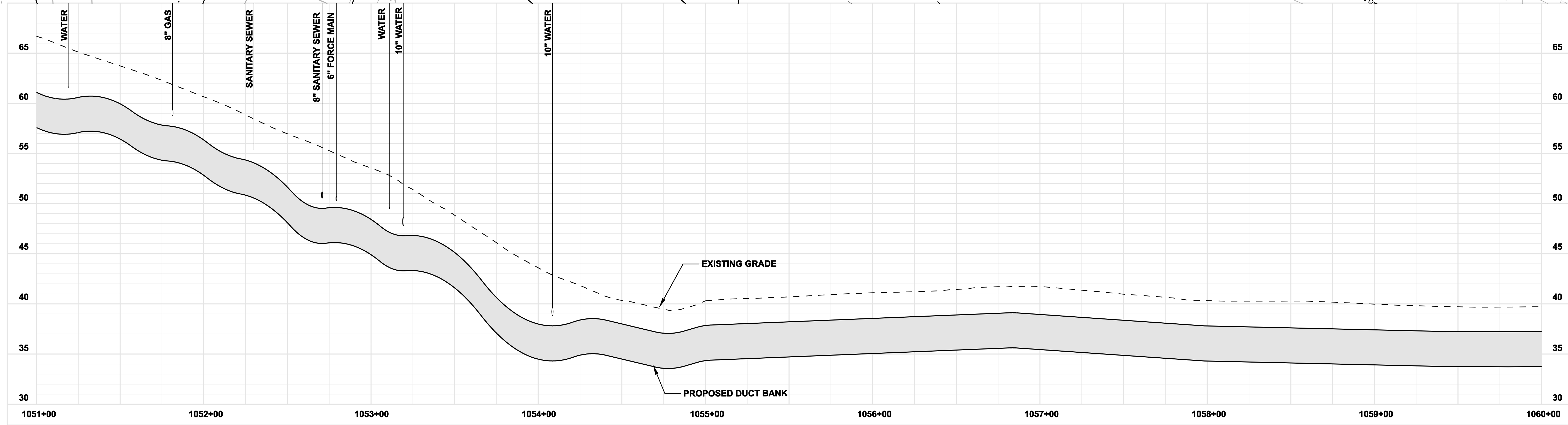
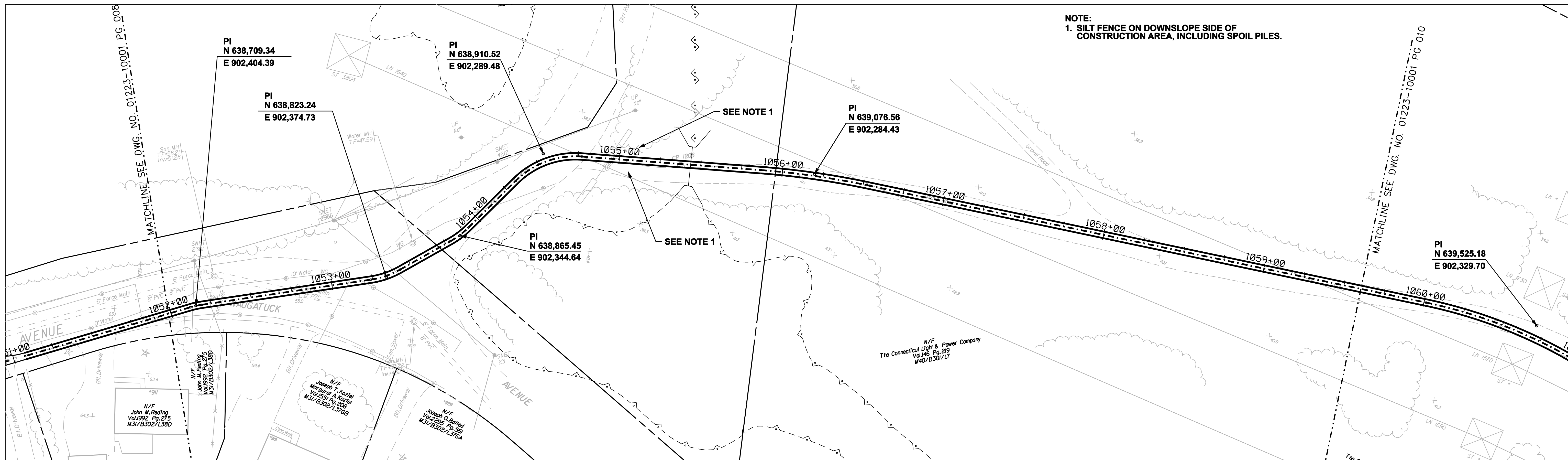
date: 10/11/05
 designed: C. COURTRIGHT
 detailed: L. ROWSE
 checked: S. NEWLAND

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 MILFORD
 PLAN AND PROFILE Sta. 1045+00 to 1053+00

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO.	01223-10001 PG 008	



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NOT FOR CONSTRUCTION**

DOCKET No. 272

no.	date	revisions	by	chk
5	1/24/06	ISSUED CSC		CTC
4	1/11/06	ISSUED CIVIL RFP		CTC
3	12/27/05	ISSUED NU FINAL REVIEW		CTC
2	11/17/05	ISSUED MUNICIPALITY REVIEW		CTC
1	10/11/05	ISSUED 60% PRELIMINARY		CTC

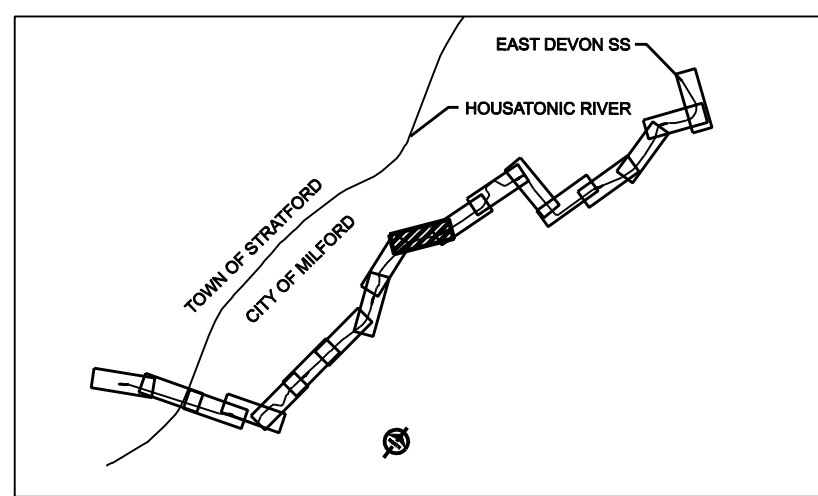
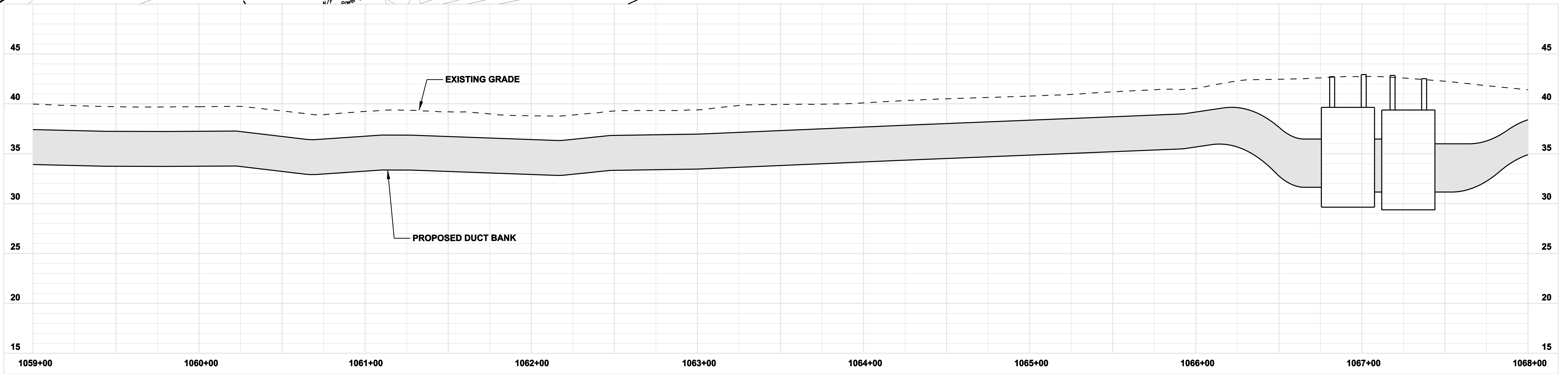
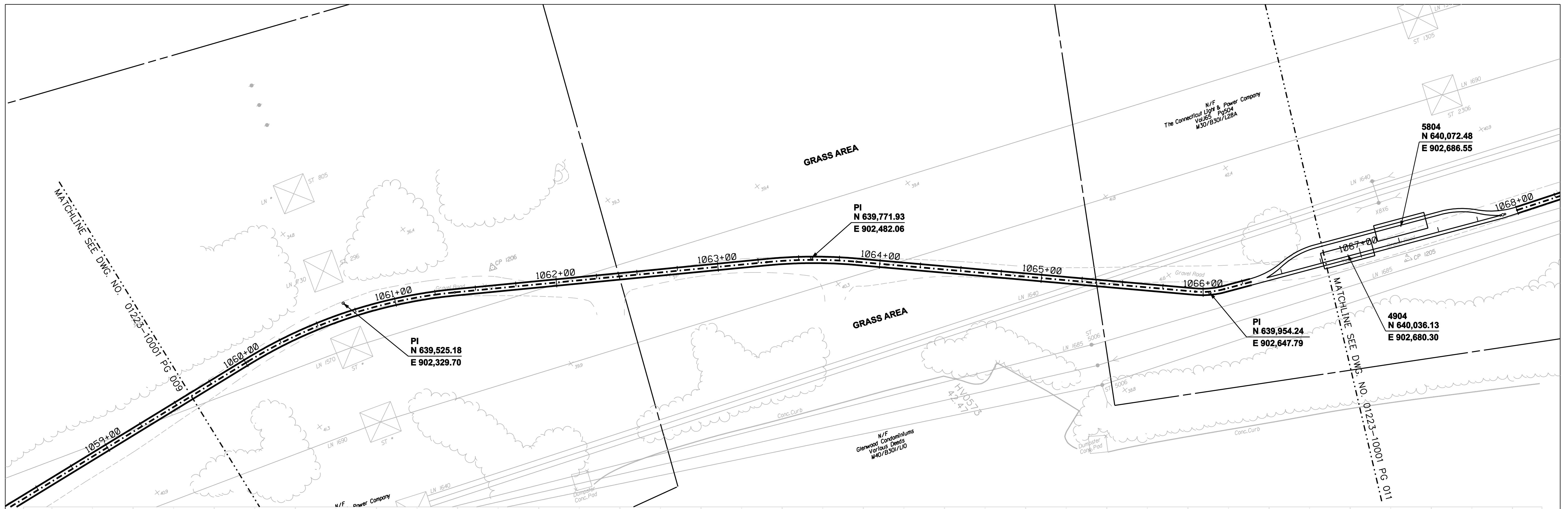


date 10/11/05
designed C. COURTRIGHT
detailed L. ROWSE
checked S. NEWLAND

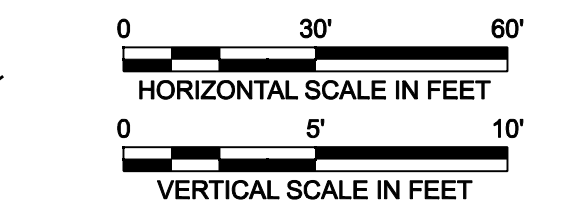
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NORTHEAST UTILITIES SERVICE CO.
FOR THE CONNECTICUT LIGHT & POWER COMPANY
TITLE: MIDDLETOWN-NORWALK 345kV TRANSMISSION PROJECT
CITY OF MILFORD
PLAN AND PROFILE Sta. 1051+00 to 1060+00

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED		DWG. NO.	
		01223-10001 PG 009	



DOCKET No. 272



**FOR REFERENCE ONLY
NOT FOR CONSTRUCTION**

no.	date	revisions	by	chk
5	1/24/06	ISSUED CSC		CTC
4	1/11/06	ISSUED CIVIL RFP		CTC
3	12/27/05	ISSUED NU FINAL REVIEW		CTC
2	11/17/05	ISSUED MUNICIPALITY REVIEW		CTC
1	10/11/05	ISSUED 60% PRELIMINARY		CTC

Burns & McDonnell
SINCE 1898

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

detailed: L. ROWSE
checked: S. NEWLAND

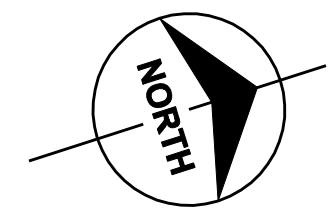
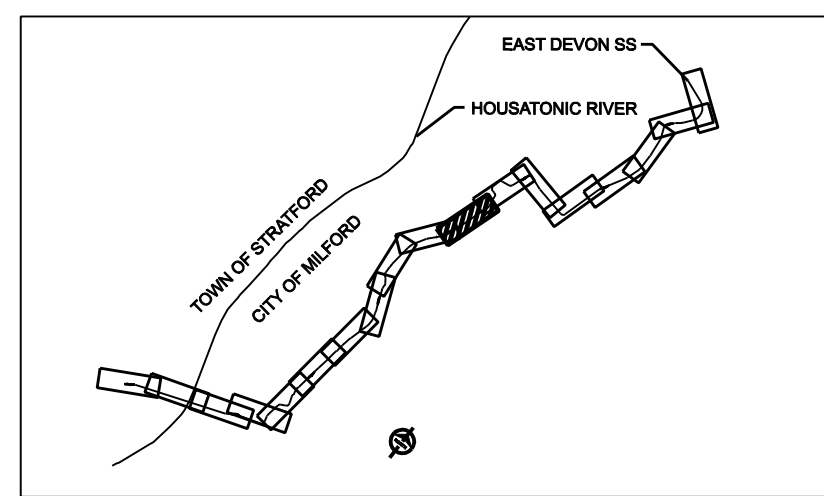
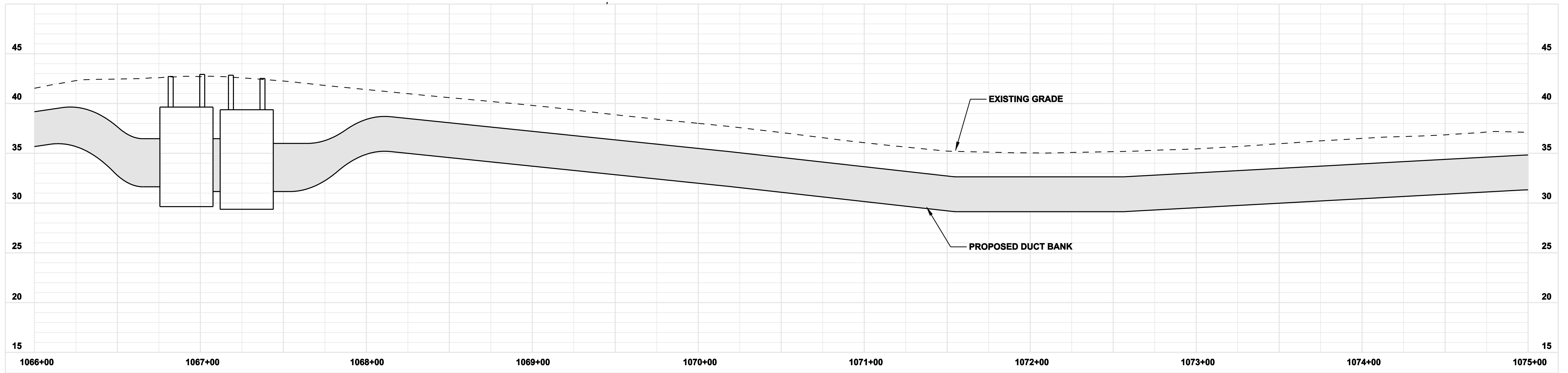
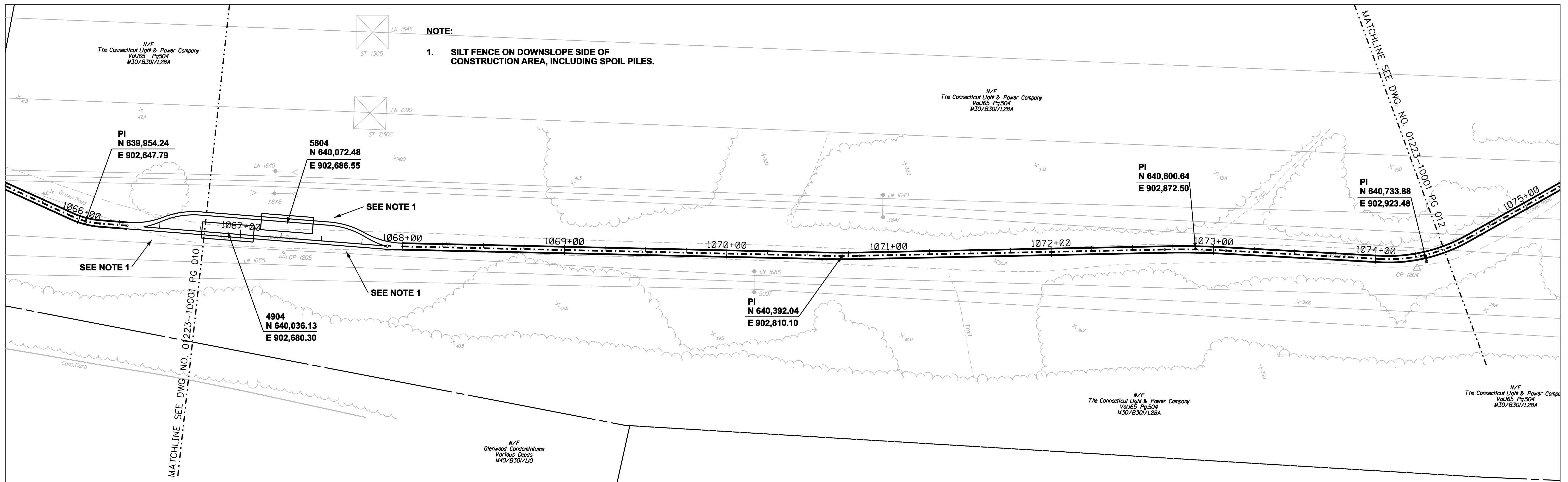
MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

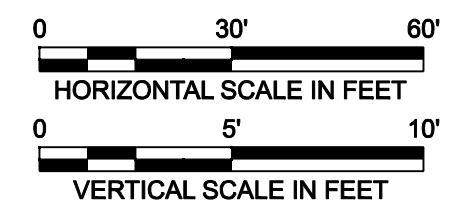
FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE: MIDDLETOWN-NORWALK 345kV TRANSMISSION PROJECT
CITY OF MILFORD
PLAN AND PROFILE Sta. 1059+00 to 1068+00

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01223-10001 PG 010	



DOCKET No. 272



**FOR REFERENCE ONLY
NOT FOR CONSTRUCTION**

no.	date	revisions	by	chk
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4	1/11/06	ISSUED CIVIL RFP		CTC
3	12/27/05	ISSUED NU FINAL REVIEW		CTC
2	11/17/05	ISSUED MUNICIPALITY REVIEW		CTC
1	10/11/05	ISSUED 60% PRELIMINARY		CTC

Burns & McDonnell
SINCE 1898

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

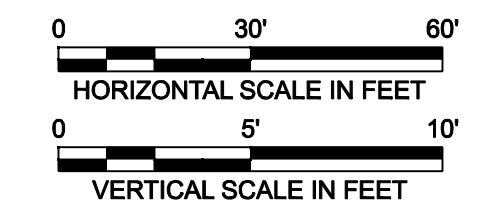
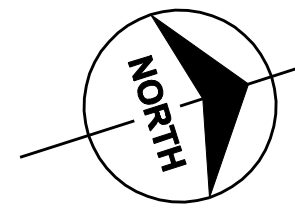
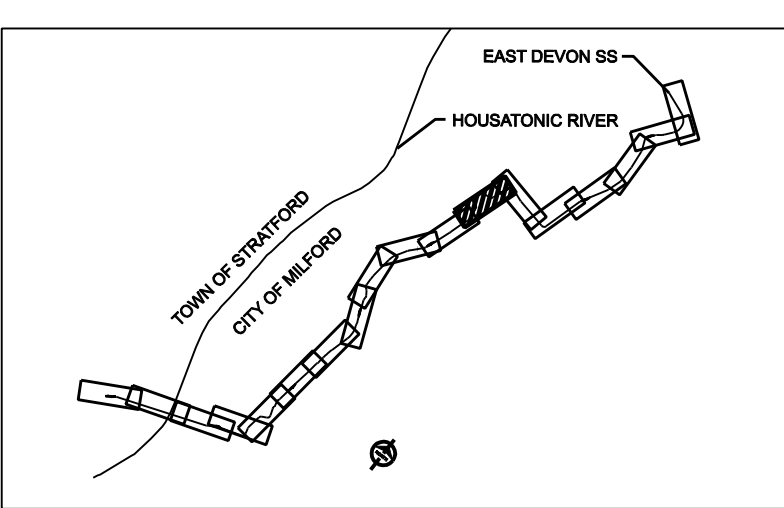
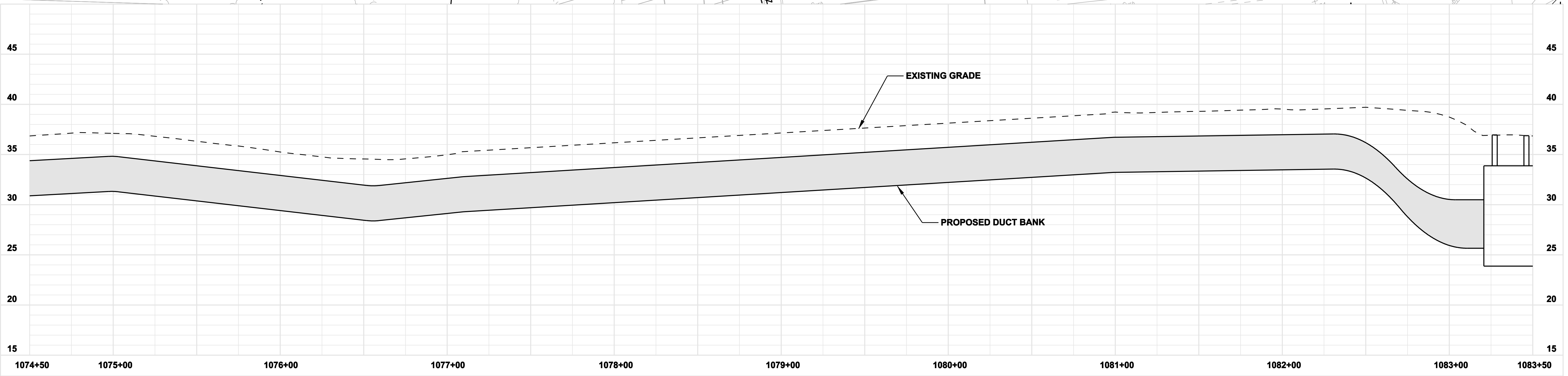
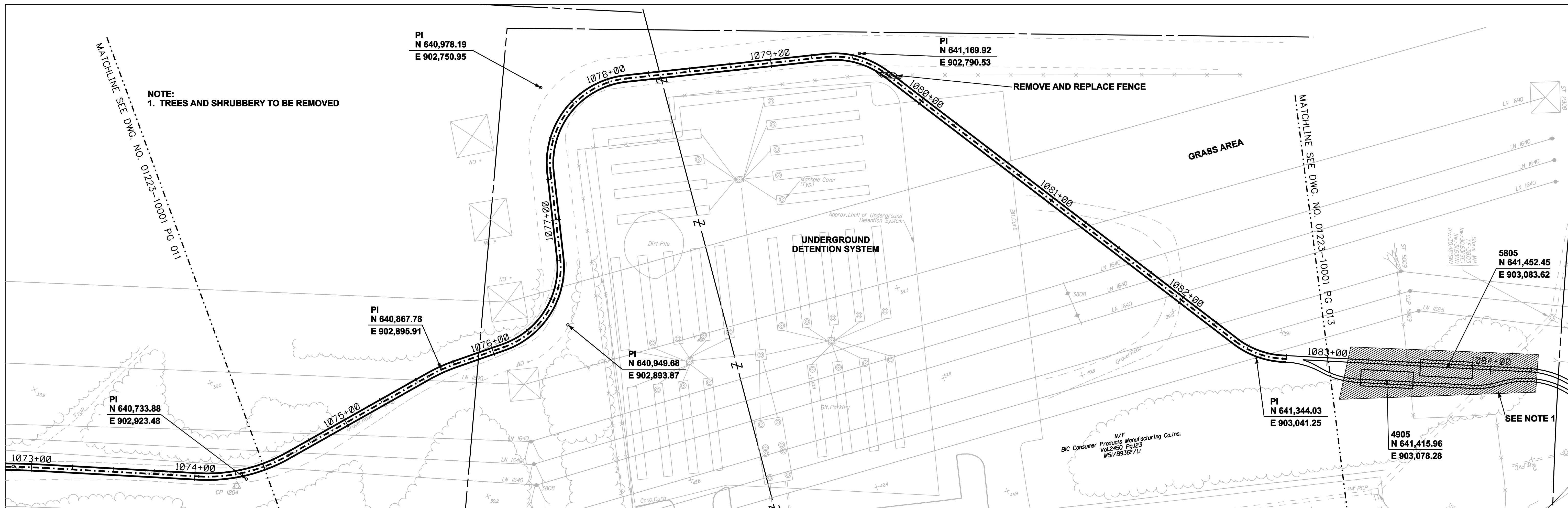
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NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE
MIDDLETOWN-NORWALK 345kV TRANSMISSION PROJECT
CITY OF MILFORD
PLAN AND PROFILE Sta. 1066+00 to 1075+00

BY	SEN-BMCD	CHKD	APP	APP
DATE	2-5-05	DATE	DATE	DATE
SCALE	AS NOTED	DWG. NO.	01223-10001 PG 011	



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NOT FOR CONSTRUCTION**

DOCKET No. 272

no.	date	revisions	by	chk
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4	1/11/06	ISSUED CIVIL RFP		CTC
3	12/27/05	ISSUED NU FINAL REVIEW		CTC
2	11/17/05	ISSUED MUNICIPALITY REVIEW		CTC
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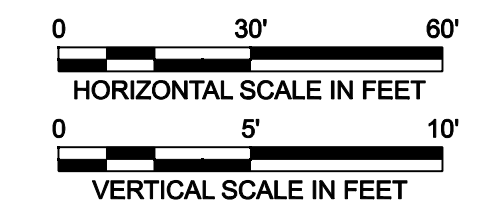
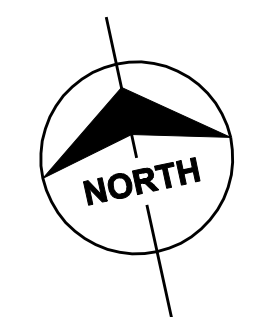
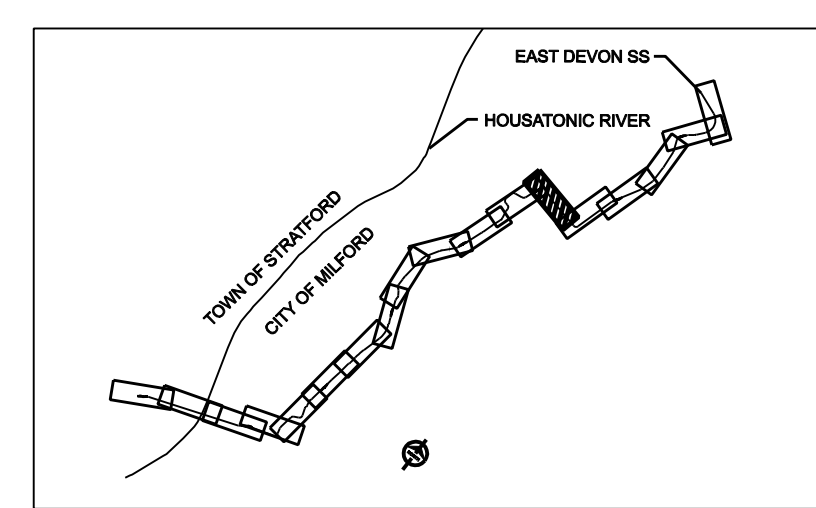
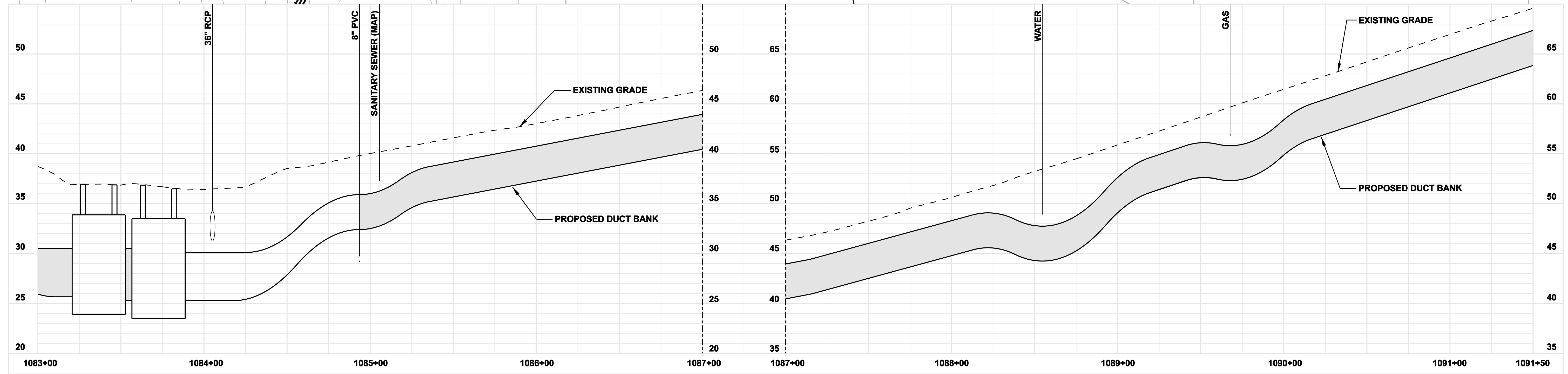
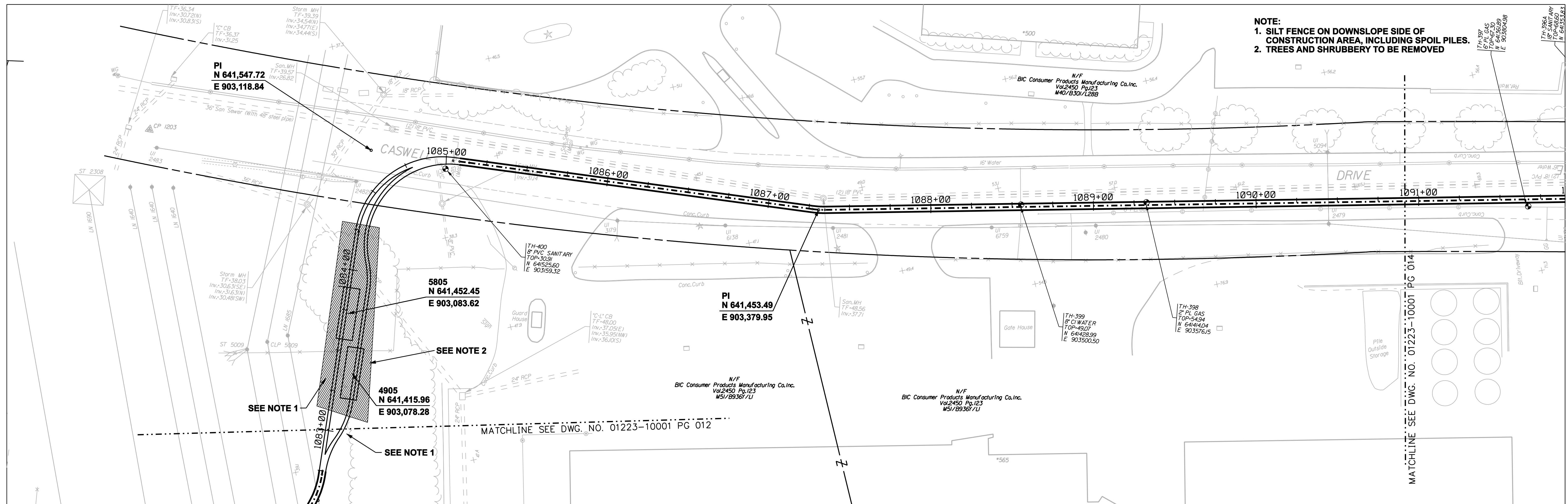


date 10/11/05
designed C. COURTRIGHT
detailed L. ROWSE
checked S. NEWLAND

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 MILFORD PLAN AND PROFILE Sta. 1074+50 to 1083+50			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO. 01223-10001 PG 012		

NOTE:
 1. SILT FENCE ON DOWNSLOPE SIDE OF CONSTRUCTION AREA, INCLUDING SPOIL PILES.
 2. TREES AND SHRUBBERY TO BE REMOVED



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 NOT FOR CONSTRUCTION**

DOCKET No. 272

no.	date	revisions	by	chk
5	1/24/06	ISSUED CSC		CTC
4	1/11/06	ISSUED CIVIL RFP		CTC
3	12/27/05	ISSUED NU FINAL REVIEW		CTC
2	11/17/05	ISSUED MUNICIPALITY REVIEW		CTC
1	10/11/05	ISSUED 60% PRELIMINARY		CTC

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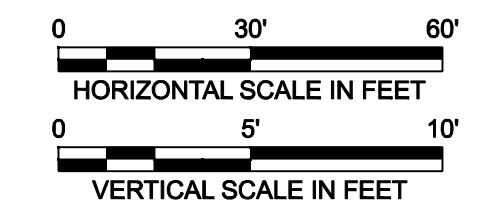
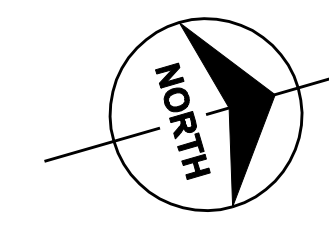
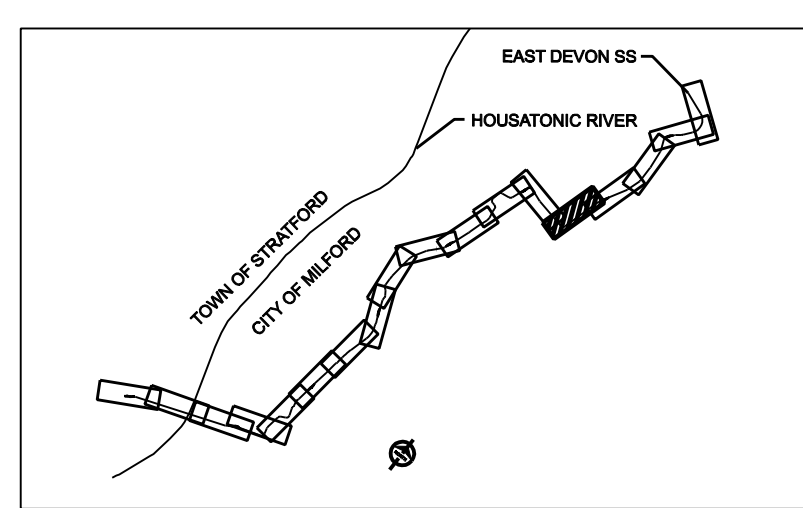
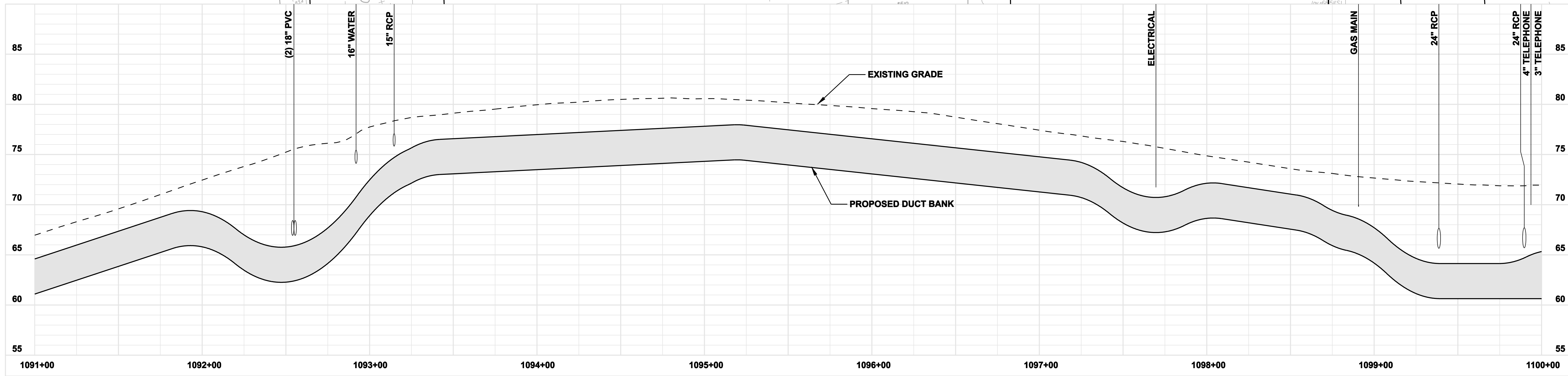
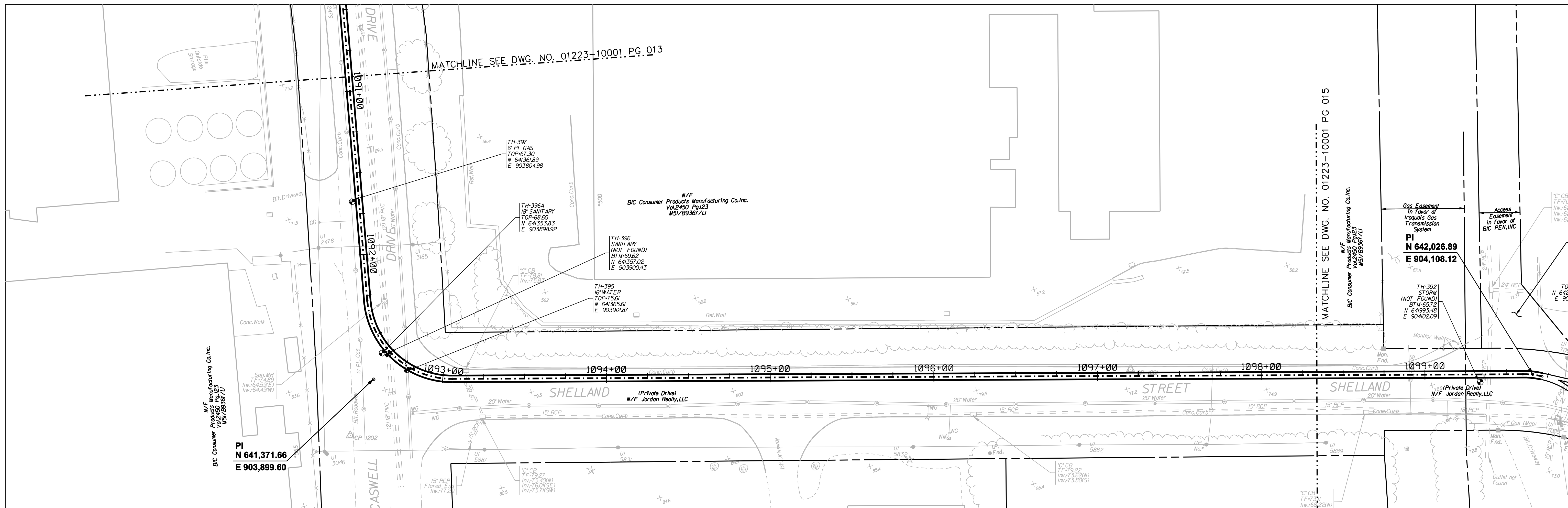
date: 10/11/05
 detailed: L. ROWSE
 designed: C. COURTRIGHT
 checked: S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.
 FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE: MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT
 CITY OF MILFORD
 PLAN AND PROFILE Sta. 1083+00 to 1091+50

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO. 01223-10001 PG 013		



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NOT FOR CONSTRUCTION**

DOCKET No. 272

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4	1/11/06	ISSUED CIVIL RFP		CTC
3	12/27/05	ISSUED NU FINAL REVIEW		CTC
2	11/17/05	ISSUED MUNICIPALITY REVIEW		CTC
1	10/11/05	ISSUED 60% PRELIMINARY		CTC

Burns & McDonnell
SINCE 1898

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

detailed: L. ROWSE
checked: S. NEWLAND

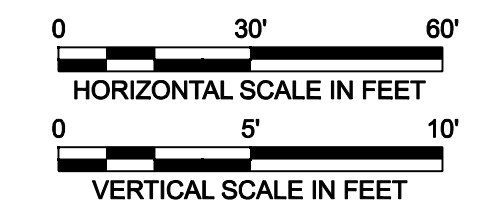
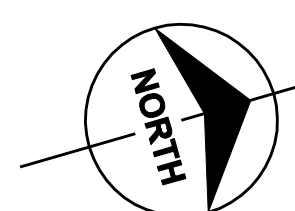
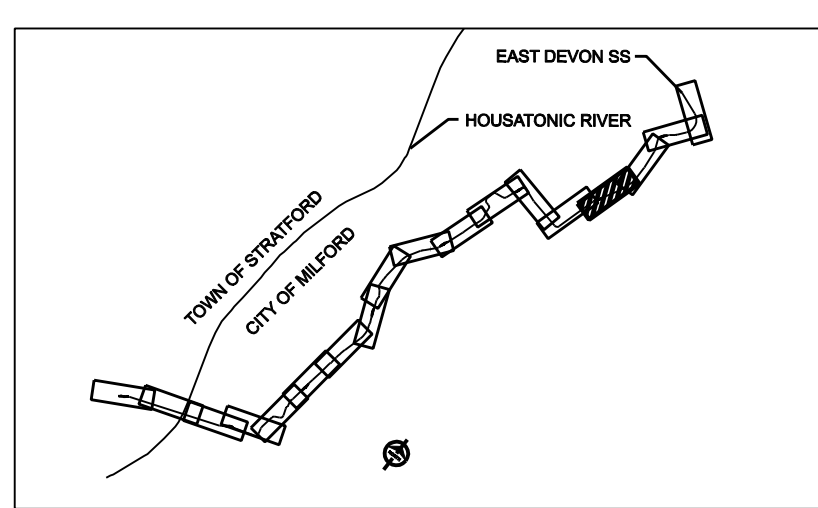
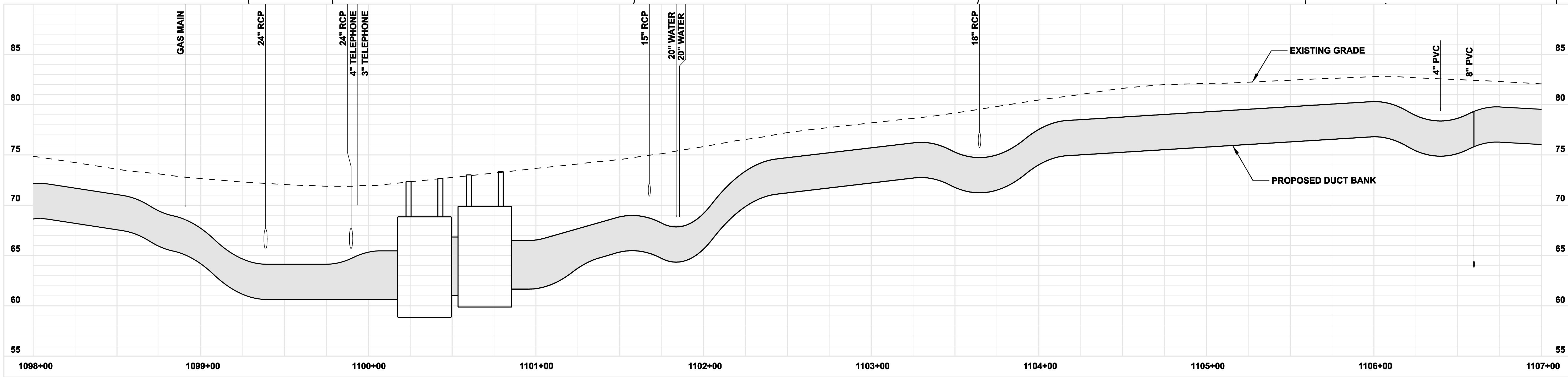
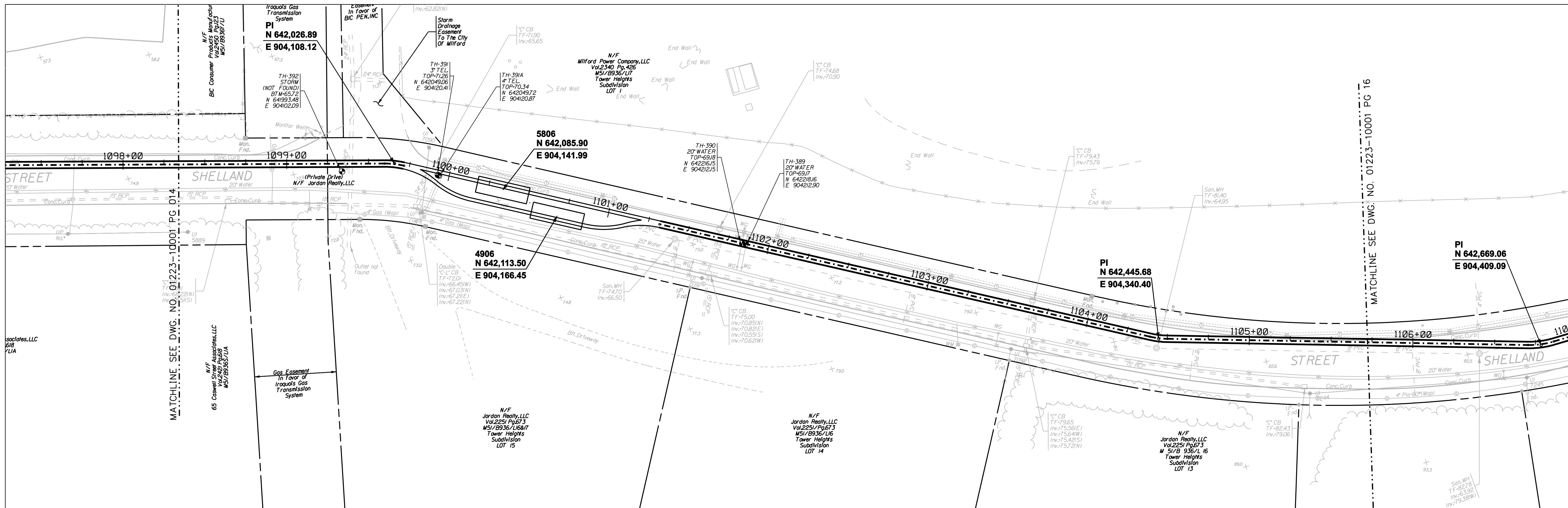
MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE: MIDDLETOWN-NORWALK 345kV TRANSMISSION PROJECT
CITY OF MILFORD
PLAN AND PROFILE Sta. 1091+00 to 1100+00

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01223-10001 PG 014	



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NOT FOR CONSTRUCTION

DOCKET No. 272

no.	date	revisions	by	chk
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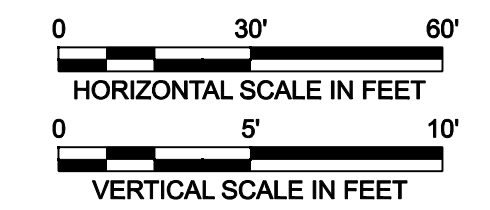
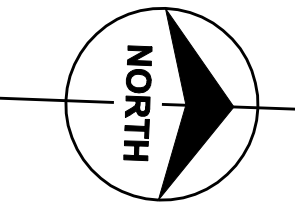
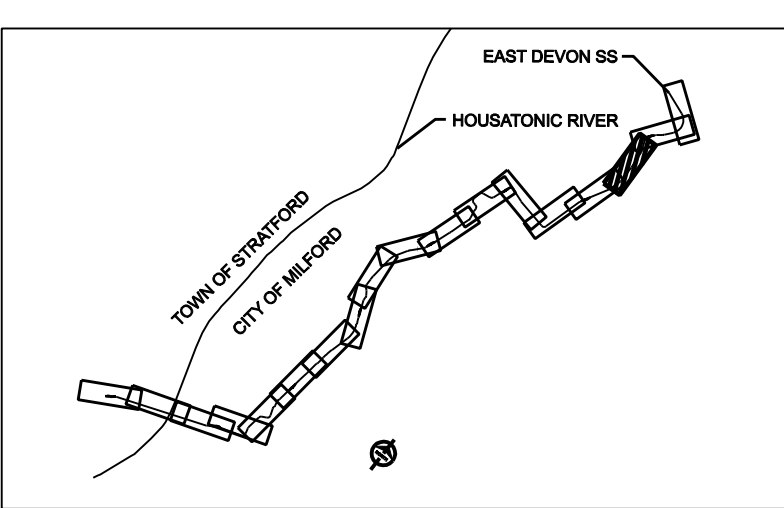
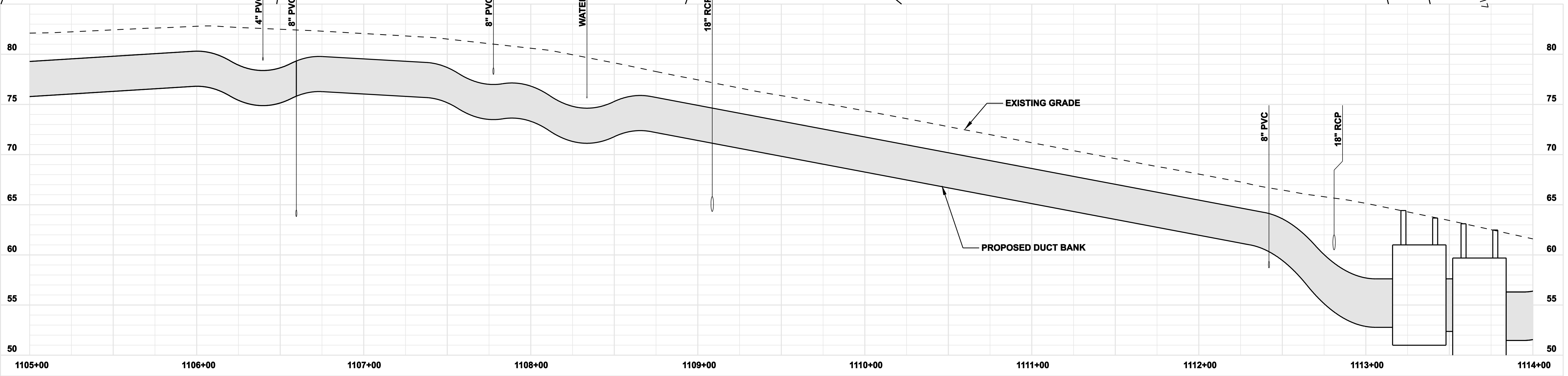
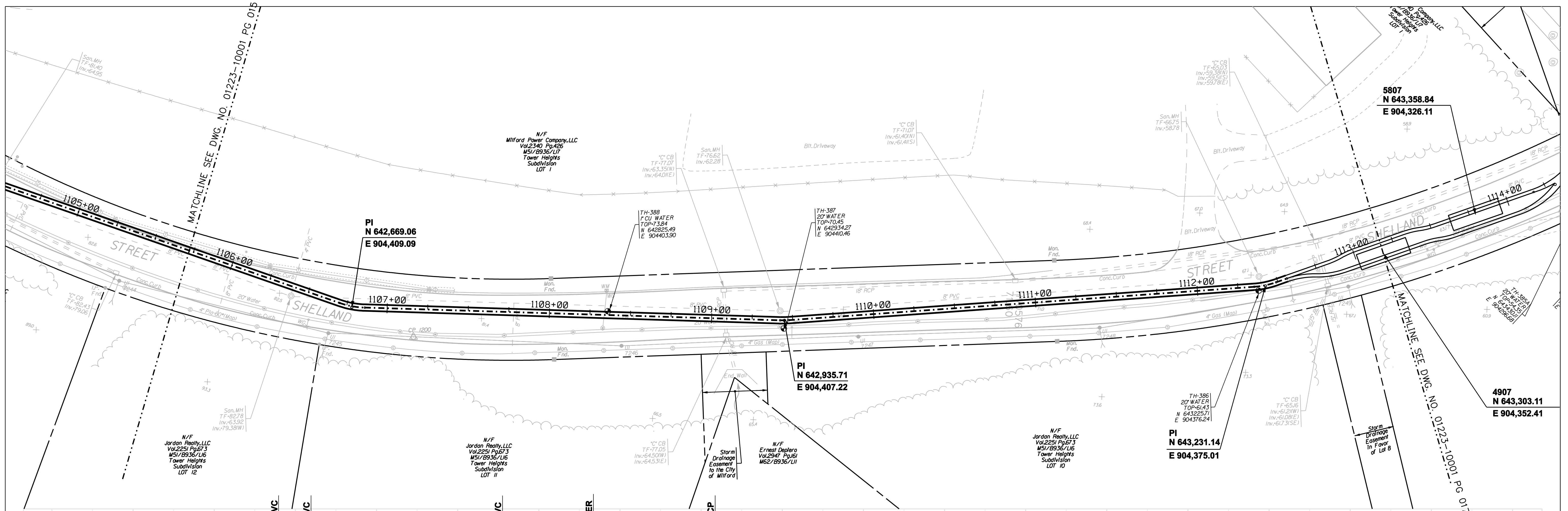


date 10/11/05
designed C. COURTRIGHT
detailed L. ROWSE
checked S. NEWLAND

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 MILFORD
PLAN AND PROFILE Sta. 1098+00 to 1107+00
BY SEN-BMCD CHKD APP APP
DATE 2-5-05 DATE DATE DATE
SCALE AS NOTED DWG. NO. D 01223-10001 PG 015

MATCHLINE SEE DWG. NO. 01223-10001 PG 16



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DOCKET No. 272

no.	date	revisions	by	chk
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4	1/11/06	ISSUED CIVIL RFP		CTC
3	12/27/05	ISSUED NU FINAL REVIEW		CTC
2	11/17/05	ISSUED MUNICIPALITY REVIEW		CTC
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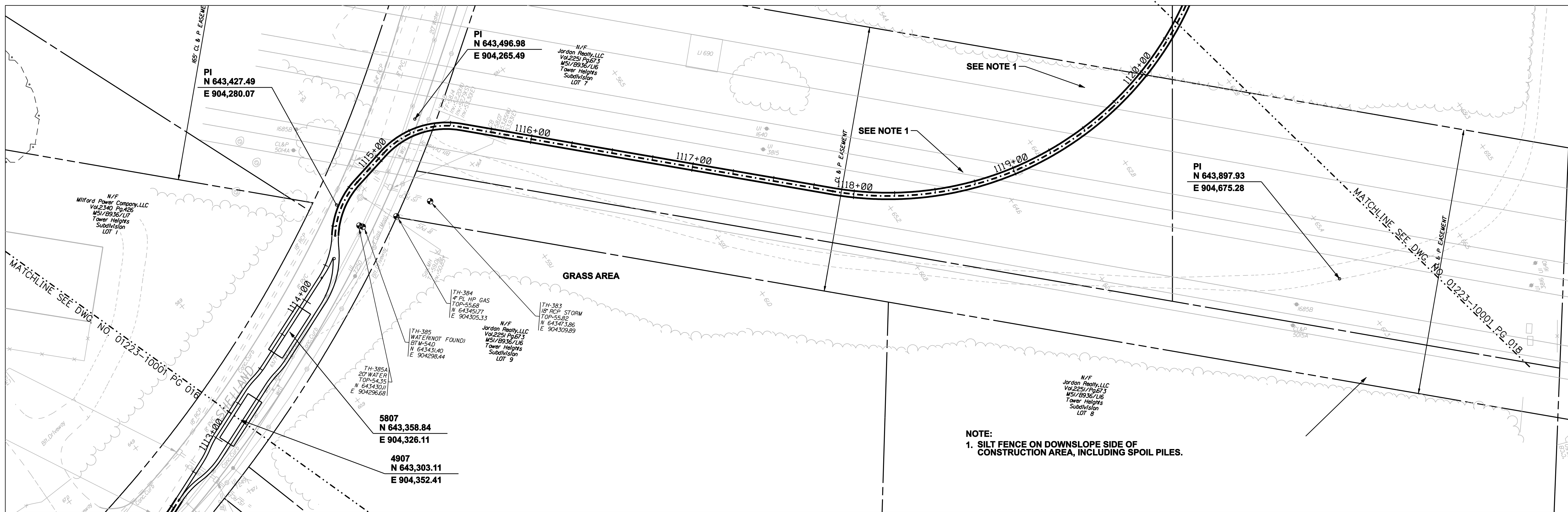
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designed C. COURTRIGHT
detailed L. ROWSE
checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

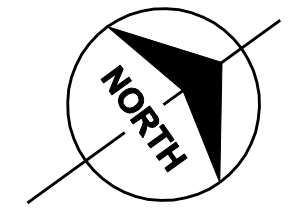
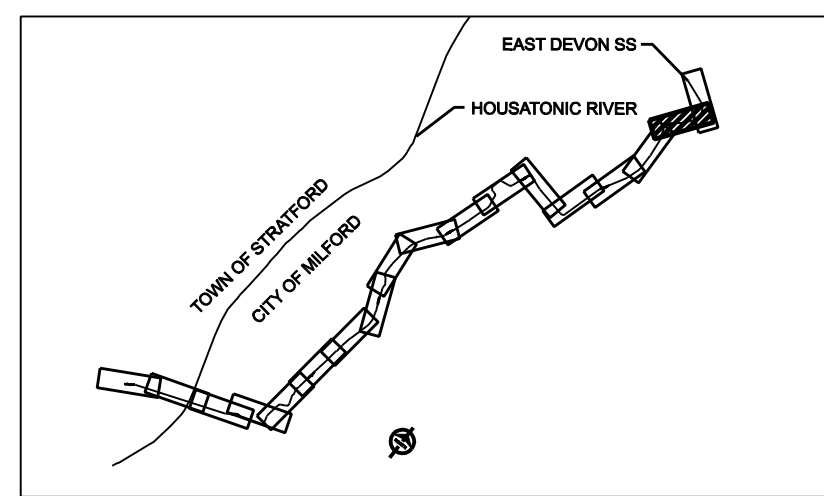
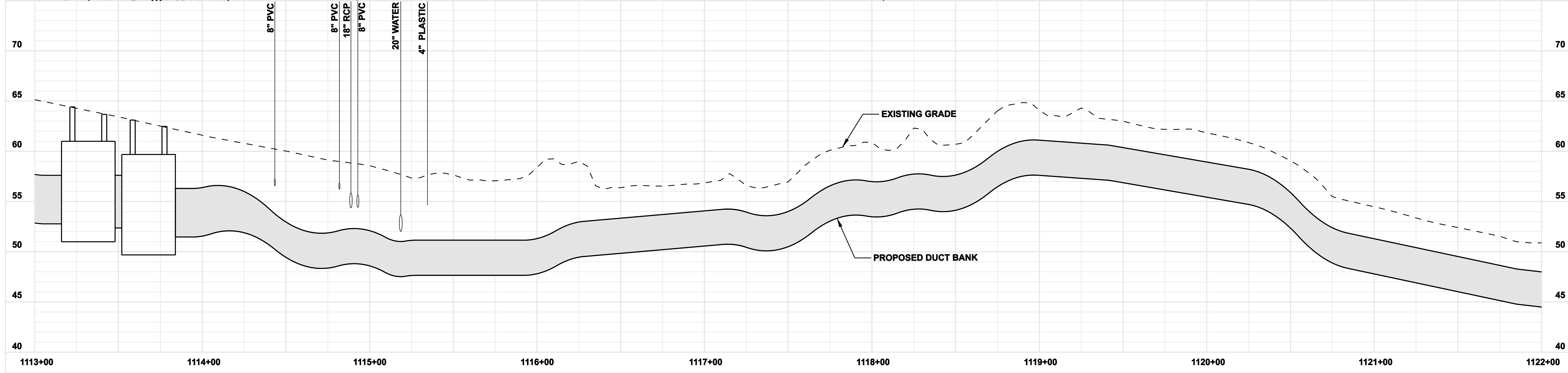
NORTHEAST UTILITIES SERVICE CO.
FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE: MIDDLETOWN-NORWALK 345kV TRANSMISSION PROJECT
CITY OF MILFORD
PLAN AND PROFILE Sta. 1105+00 to 1114+00

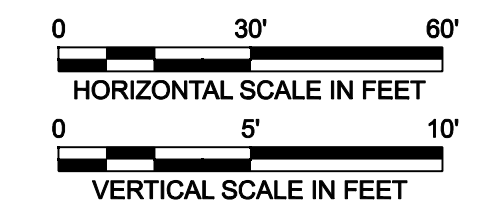
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DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED		DWG. NO.	
	D	01223-10001 PG 016	



NOTE:
1. SILT FENCE ON DOWNSLOPE SIDE OF CONSTRUCTION AREA, INCLUDING SPOIL PILES.



DOCKET No. 272



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no.	date	revisions	by	chk
5	1/24/06	ISSUED CSC		CTC
4	1/11/06	ISSUED CIVIL RFP		CTC
3	12/27/05	ISSUED NU FINAL REVIEW		CTC
2	11/17/05	ISSUED MUNICIPALITY REVIEW		CTC
1	10/11/05	ISSUED 60% PRELIMINARY		CTC



date 10/11/05
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 MILFORD			
PLAN AND PROFILE Sta. 1113+00 to 1122+00			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED		DWG. NO.	
	D	01223-10001 PG 017	

NOTE:
 1. SILT FENCE ON DOWNSLOPE SIDE OF CONSTRUCTION AREA, INCLUDING SPOIL PILES.

N/E
 Jordan Realty, LLC
 Vol. 2251 Pg. 673
 M62/B936/L16A
 Submission
 LOT 8

WETLANDS TO BE ADDRESSED IN EAST DEVON S/S SUBMITTAL

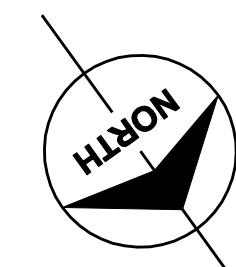
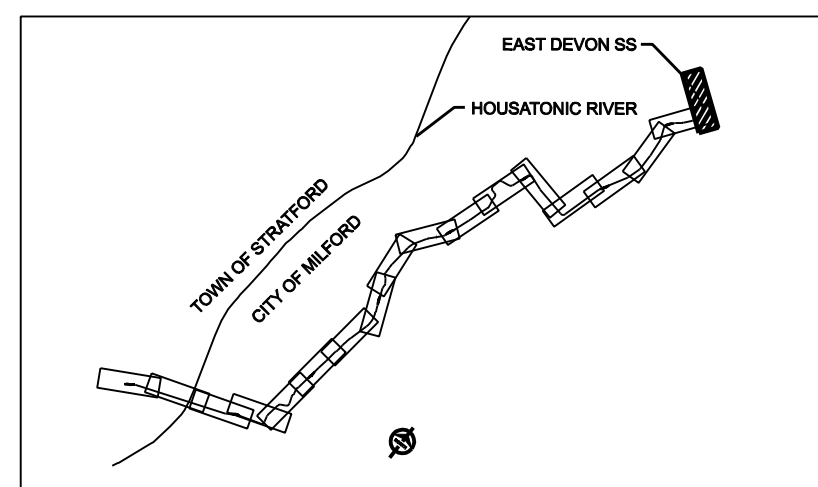
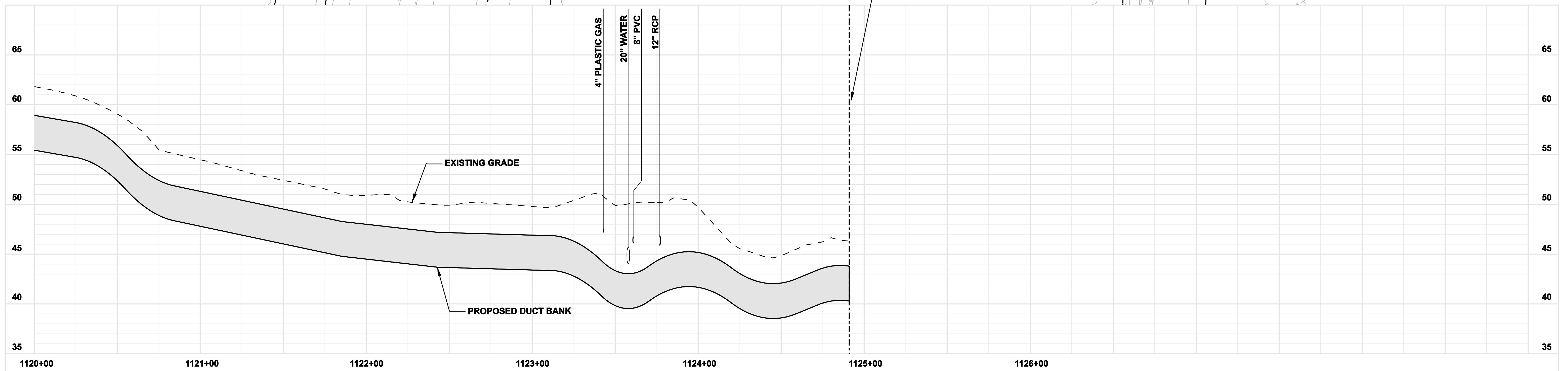
SEE NOTE 1

TERMINUS OF SEGEMENT 3 AT EAST DEVON SS

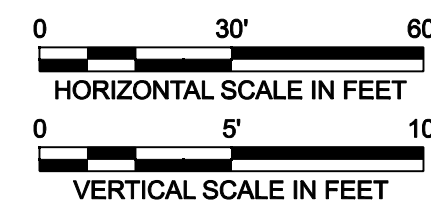
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TERMINUS OF SEGEMENT 3 AT EAST DEVON SS

N/E
 Jordan Realty, LLC
 Vol. 2251 Pg. 673
 M62/B936/L16



DOCKET No. 272



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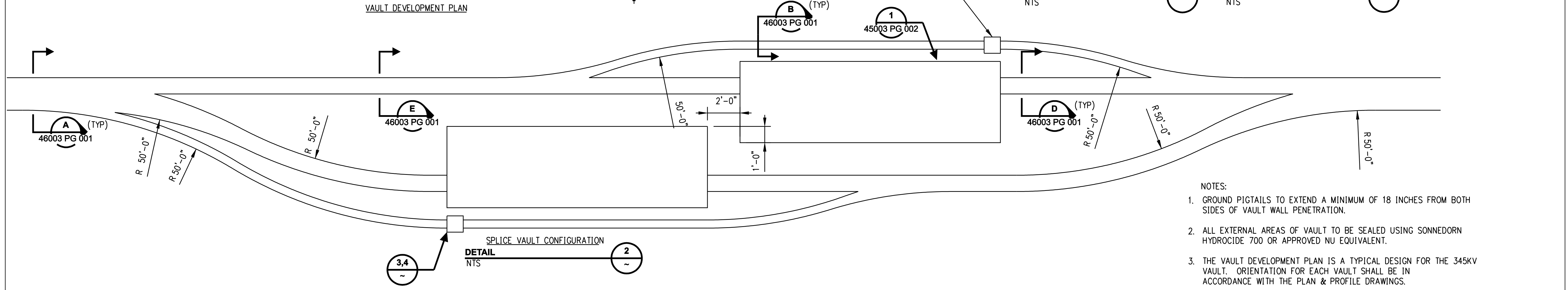
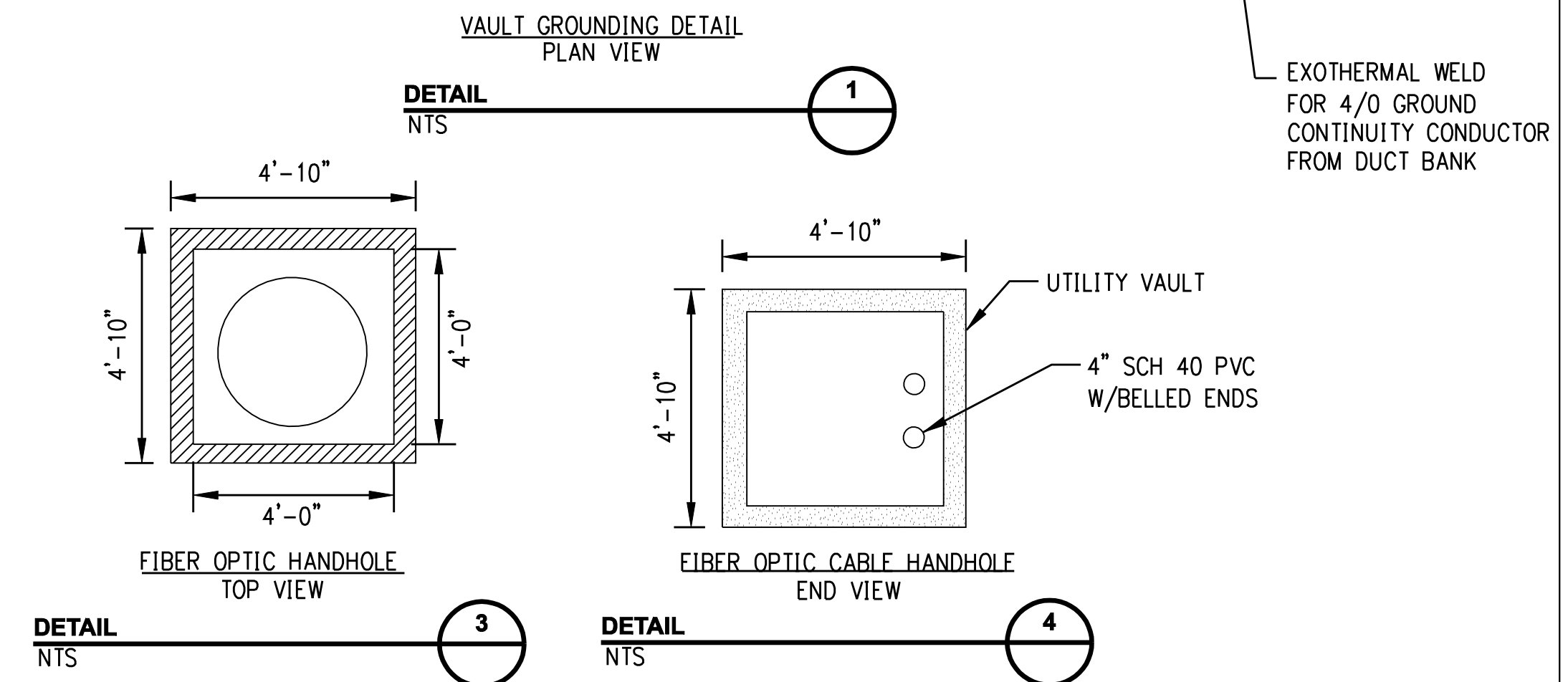
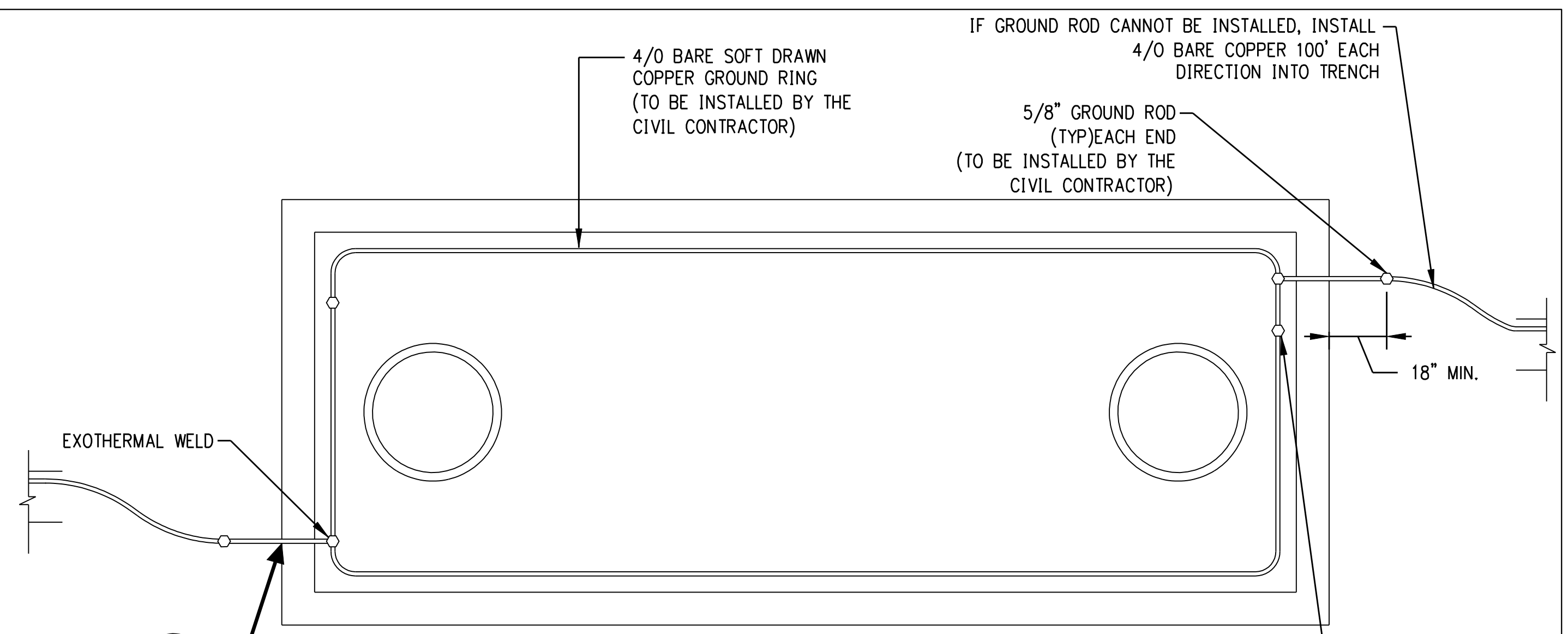
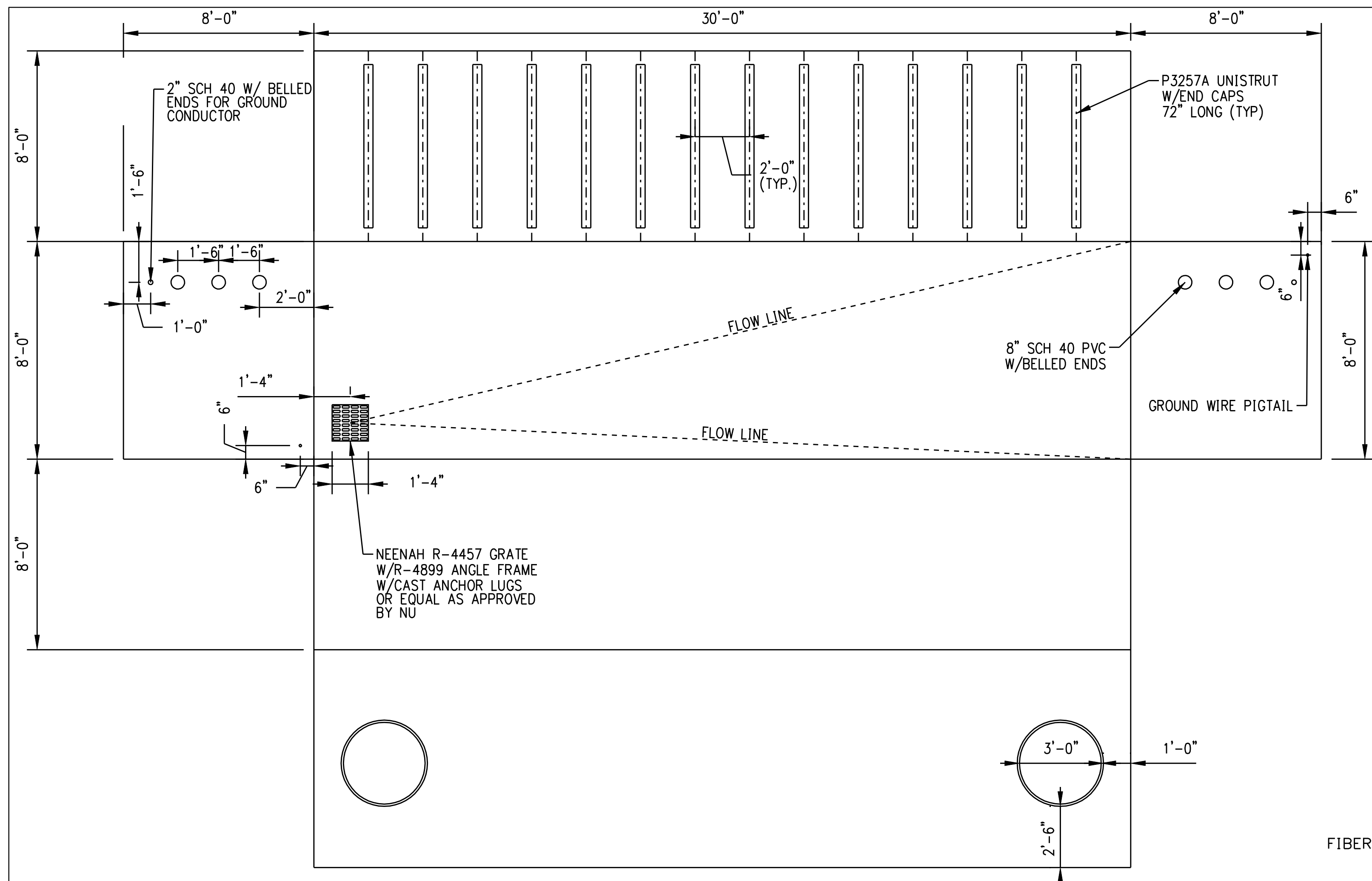
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5	1/24/06	ISSUED CSC		CTC
4	1/11/06	ISSUED CIVIL RFP		CTC
3	12/27/05	ISSUED NU FINAL REVIEW		CTC
2	11/17/05	ISSUED MUNICIPALITY REVIEW		CTC
1	10/11/05	ISSUED 60% PRELIMINARY		CTC



date 10/11/05
 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 MILFORD
 PLAN AND PROFILE Sta. 1120+00 to EAST DEVON SS
 BY SEN-BMCD CHKD APP APP
 DATE 2-5-05 DATE DATE DATE
 SCALE AS NOTED DWG. NO. D 01223-10001 PG 018



- 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.

DOCKET No. 272

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no.	date	revisions	by	chk
5	1/24/06	ISSUED CSC		CTC
4	1/11/06	ISSUED CIVIL RFP		CTC
3	11/10/05	ISSUED NU FINAL REVIEW		CTC
2	9/07/05	ISSUED DOT/MUNICIPALITY REVIEW		CTC
1	8/15/05	ISSUED 60% PRELIMINARY		CTC

Burns & McDonnell
SINCE 1898

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

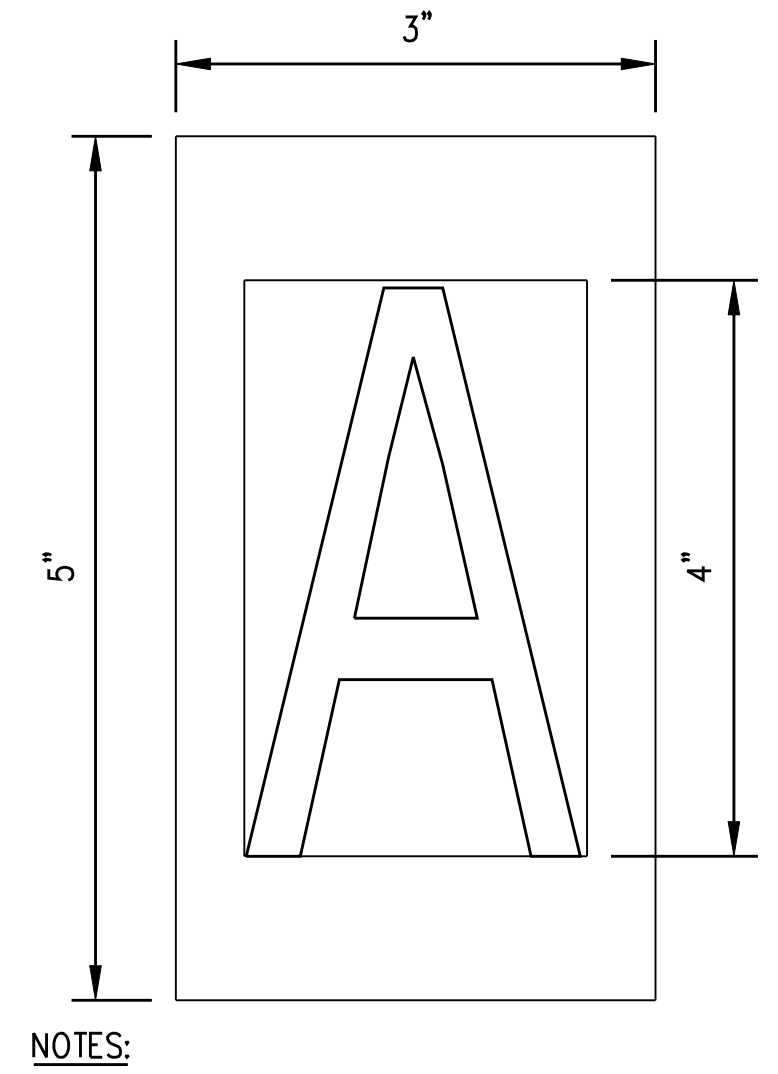
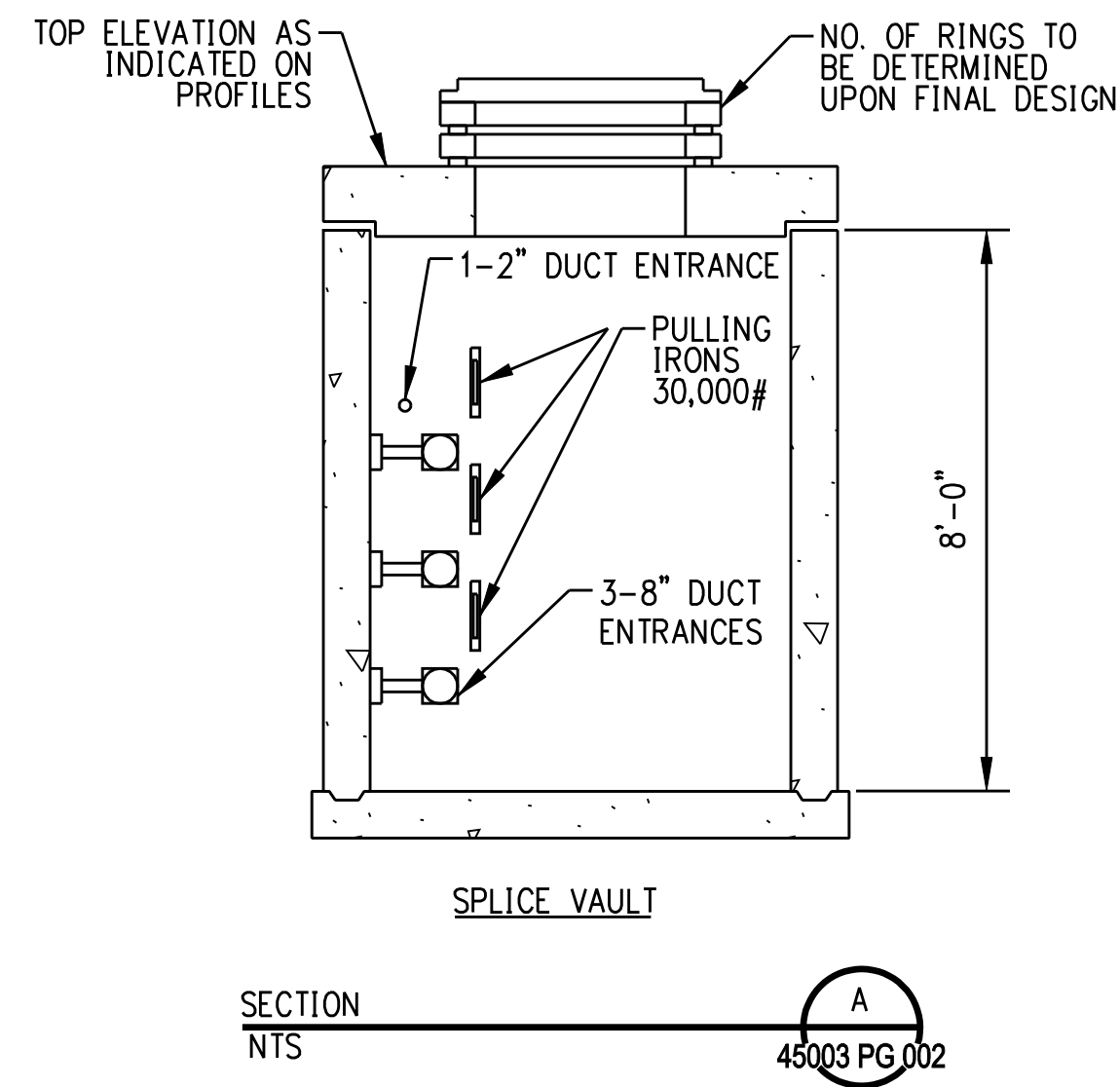
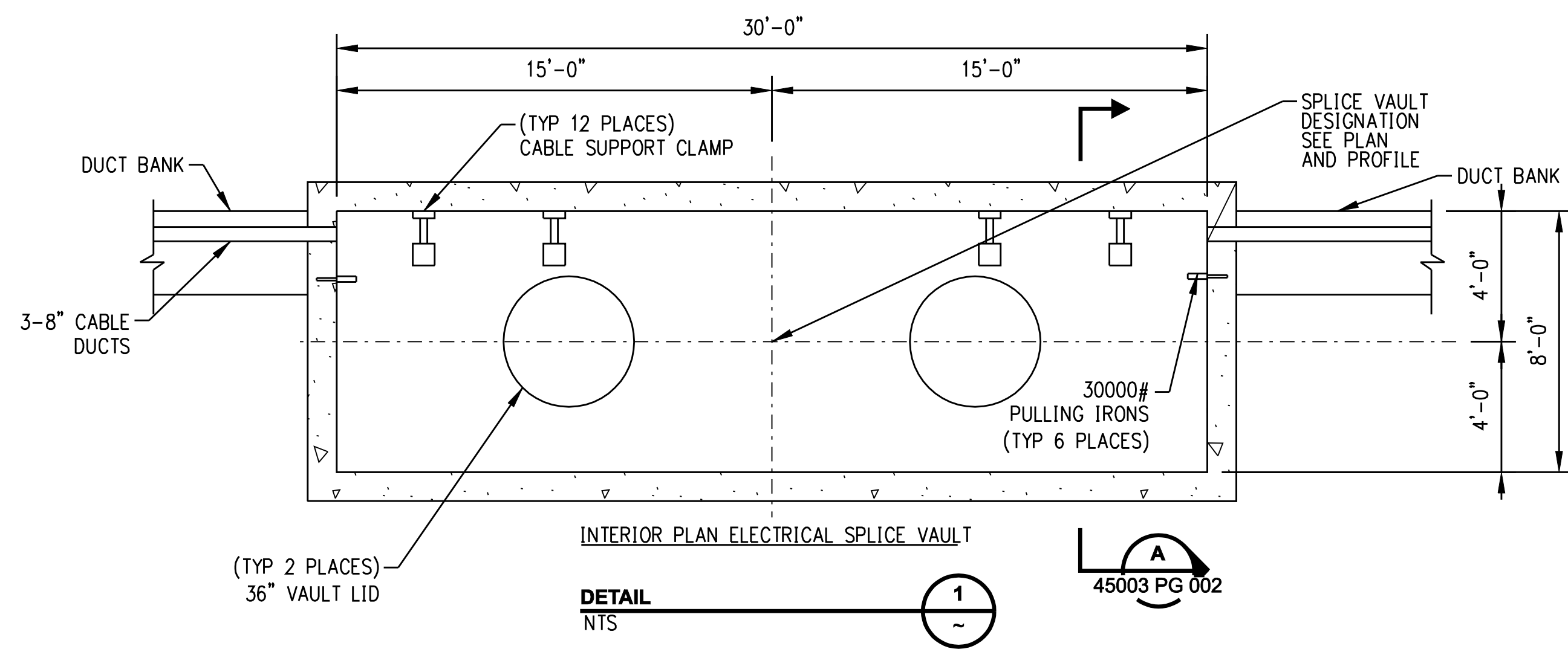
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NORTHEAST UTILITIES SERVICE CO.

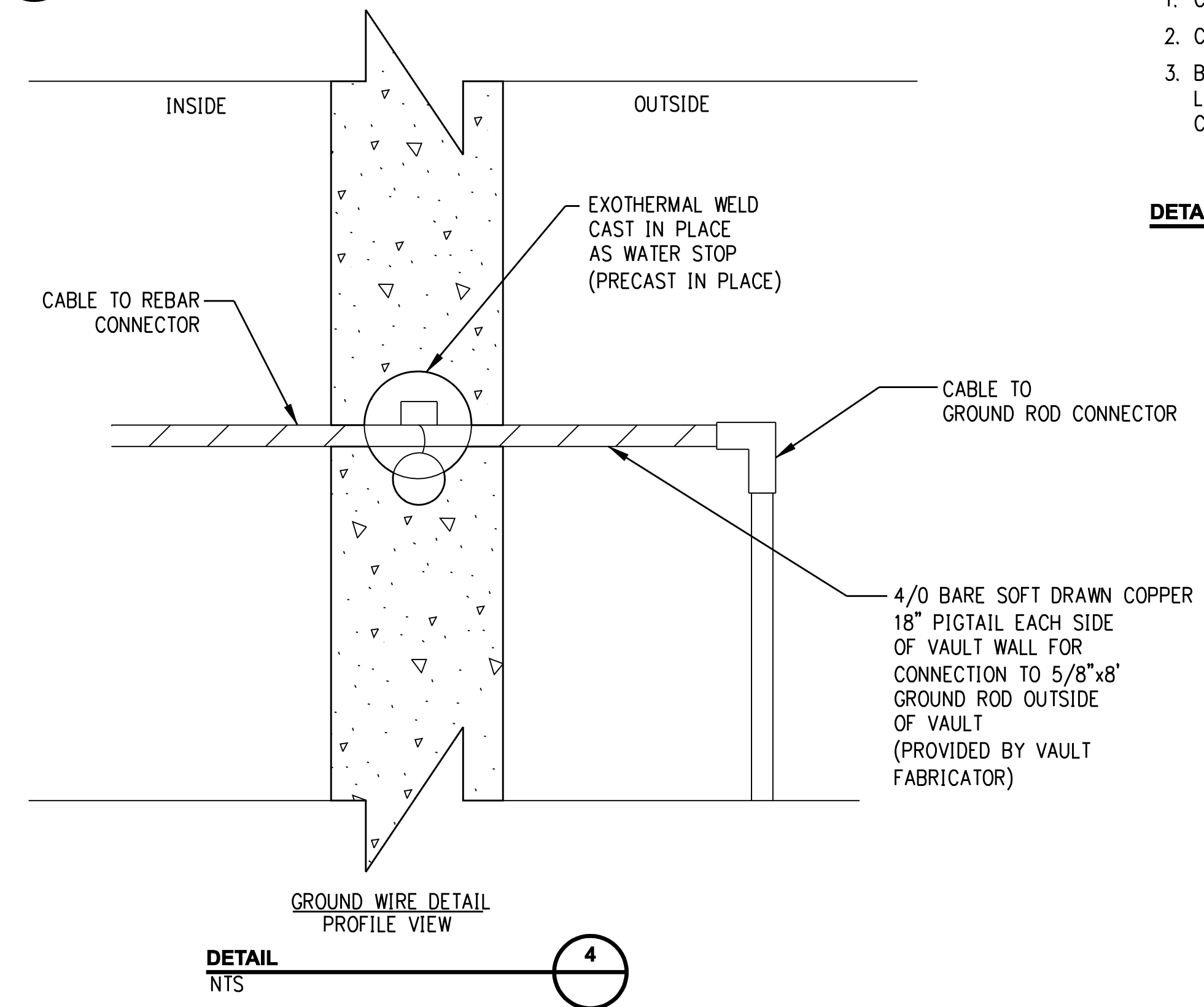
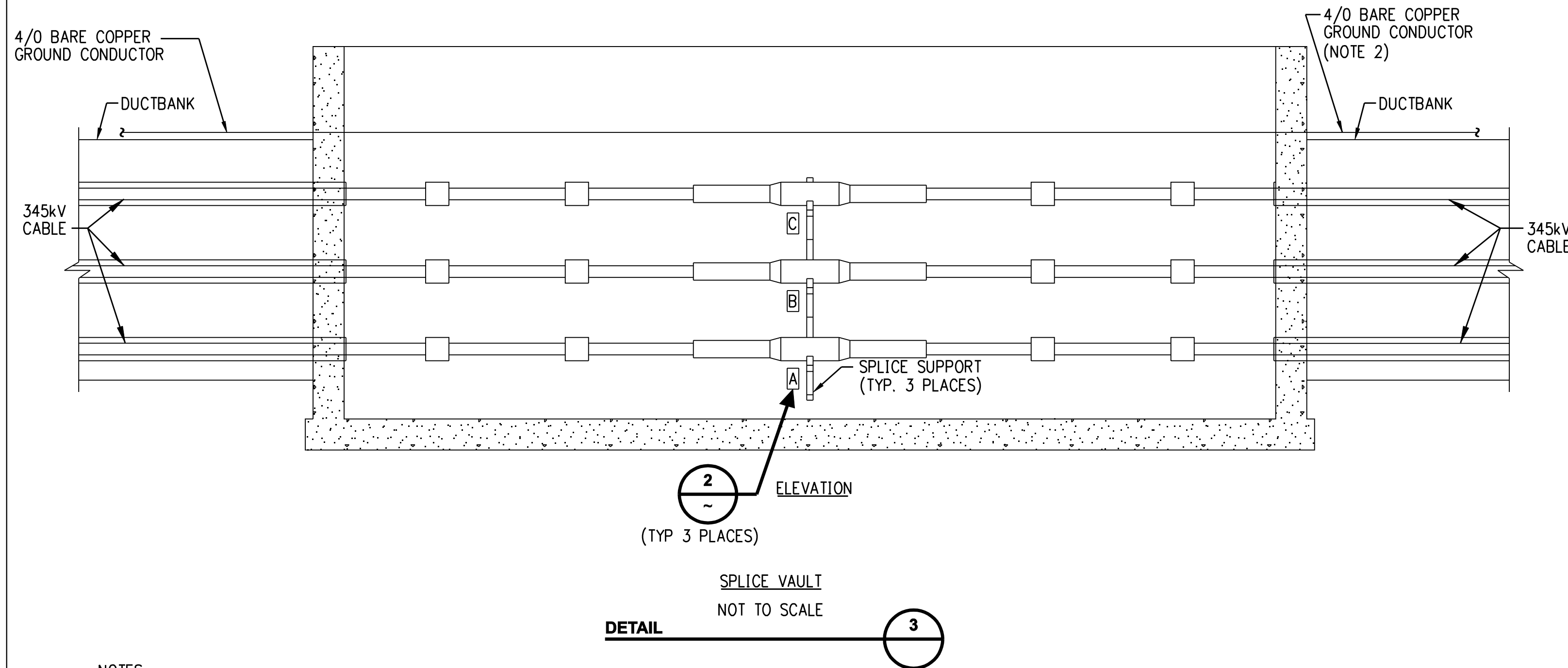
FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT CONSTRUCTION DETAILS

BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01223-45003 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



- 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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1	8/15/05	ISSUED 60% PRELIMINARY		CTC



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

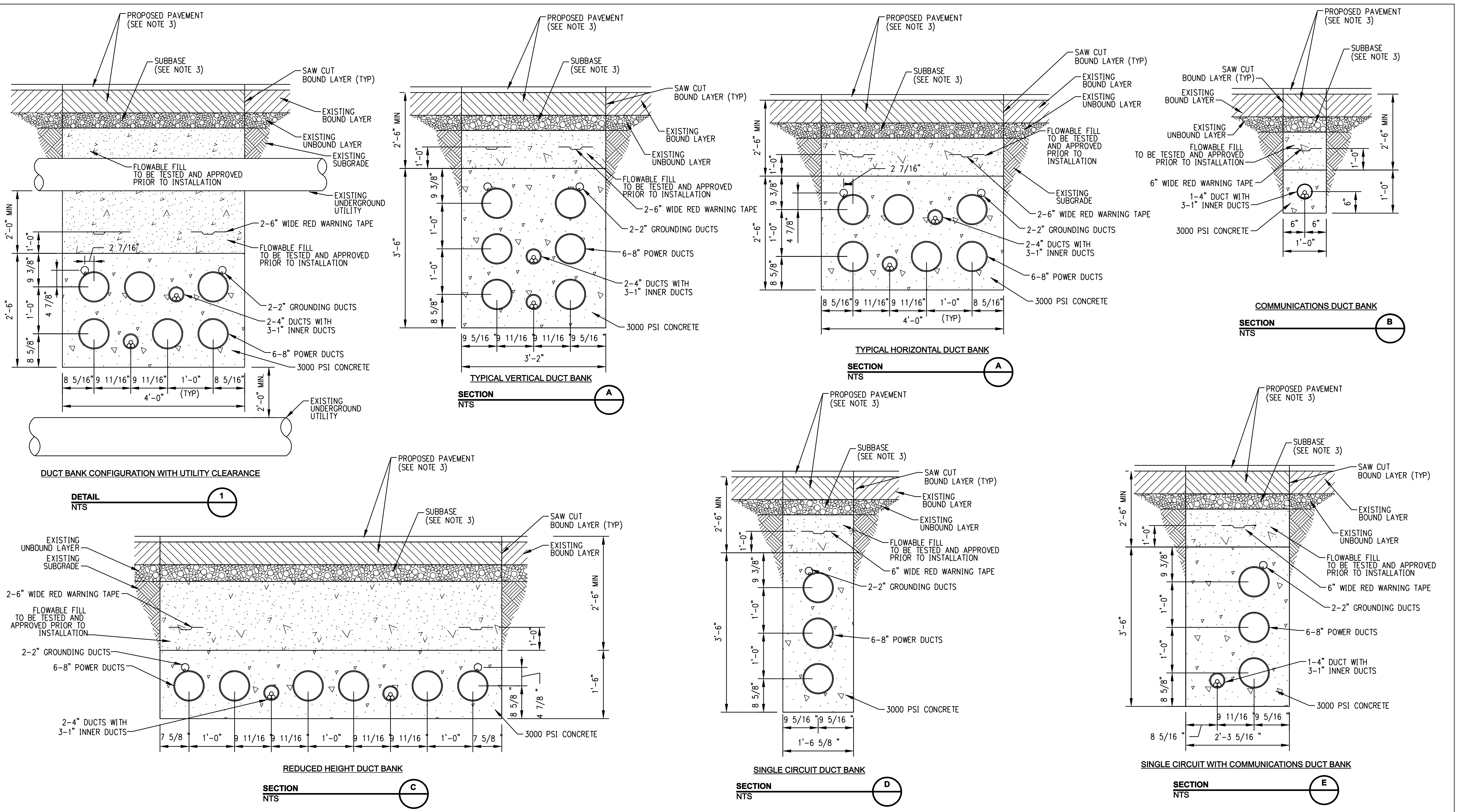
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NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE MIDDLETOWN-NORWALK 345kV TRANSMISSION PROJECT
CONSTRUCTION DETAILS

BY	SEN-BMCD	CHKD	APP	APP
DATE	2-5-05	DATE	DATE	DATE
SCALE	AS NOTED	DWG. NO.	01223-45003 PG 002	



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.

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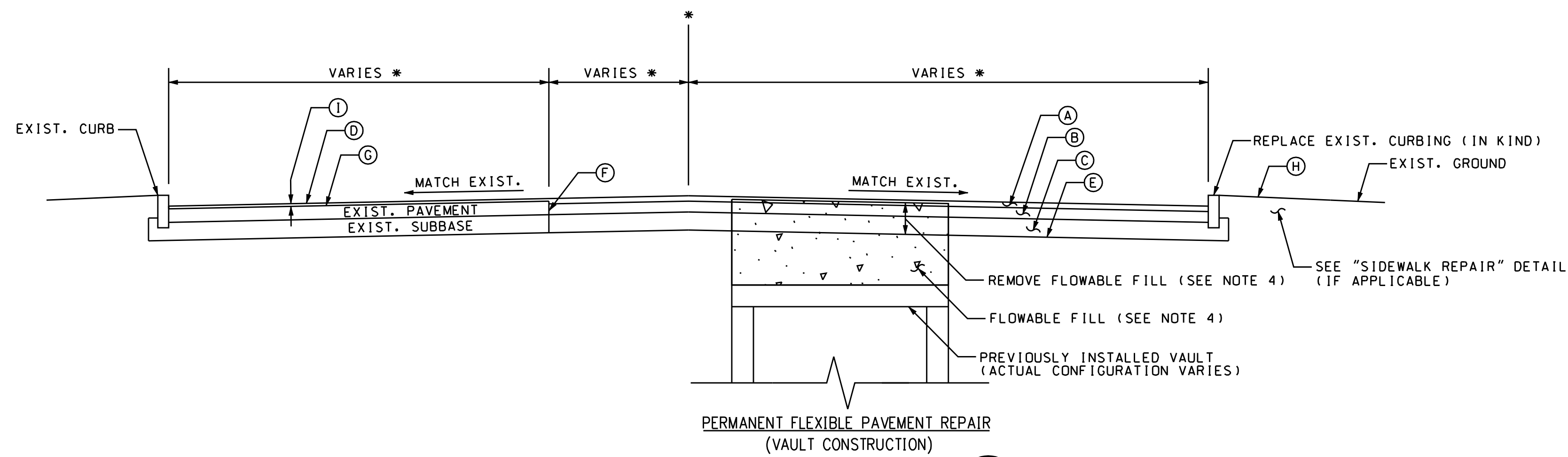


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1	10/11/05	ISSUED 60% PRELIMINARY		CTC

date 10/11/05
designed BL COMPANIES
checked S. NEWLAND
detailed BL COMPANIES

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

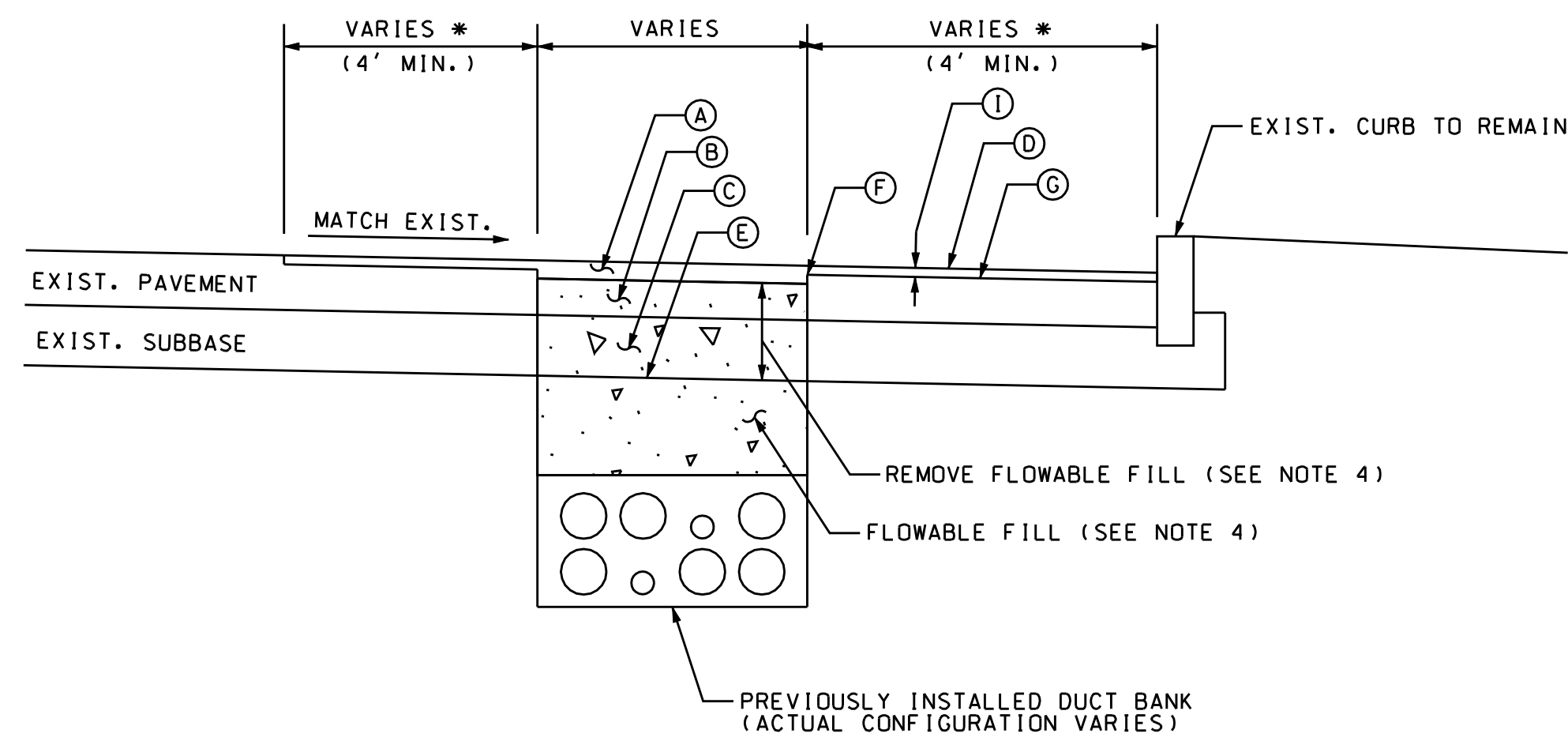
NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT CONSTRUCTION DETAILS			
BY SEN-BMCD	CHKD	APP	APP
DATE 2-5-05	DATE	DATE	DATE
SCALE AS NOTED		DWG. NO.	
	D	01223-46003	PG 001



PERMANENT FLEXIBLE PAVEMENT REPAIR
(VAULT CONSTRUCTION)

DETAIL 1
NTS

* SEE MILLING AND OVERLAY PLANS FOR LIMITS.



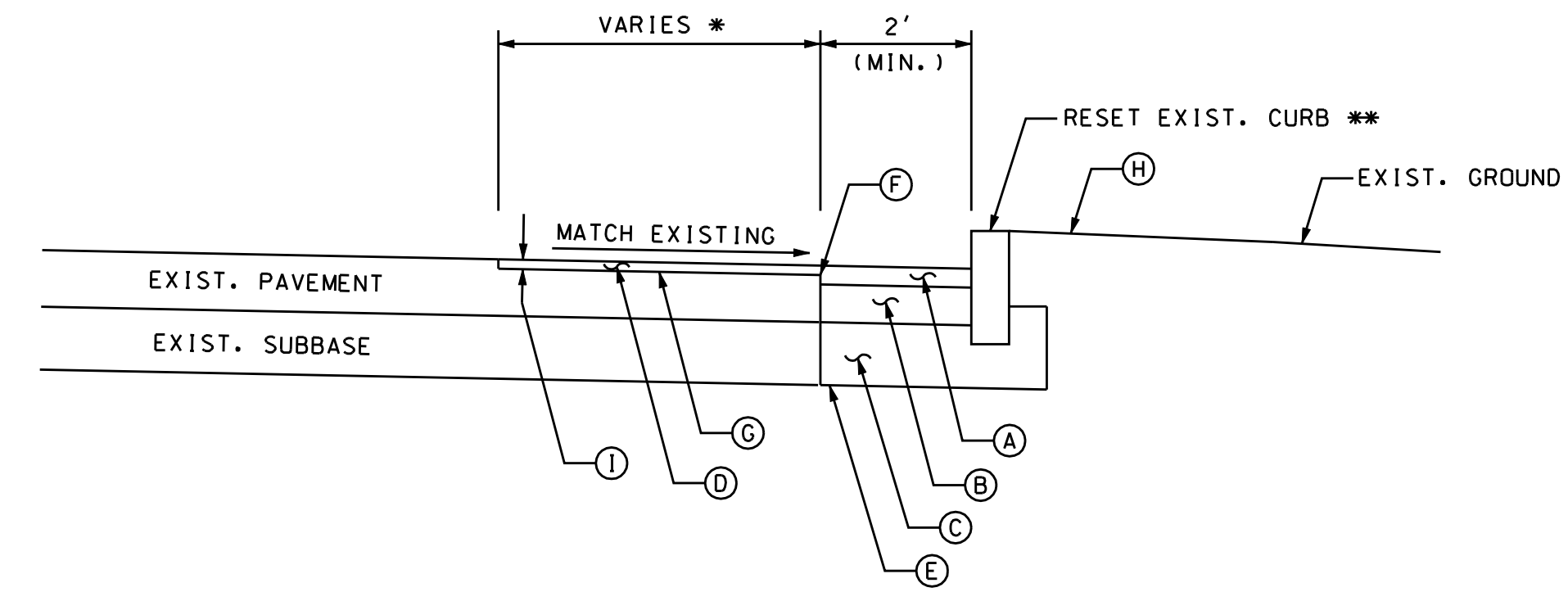
PERMANENT FLEXIBLE PAVEMENT REPAIR
(DUCT BANK CONSTRUCTION)

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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date 10/11/05
designed BL COMPANIES
checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

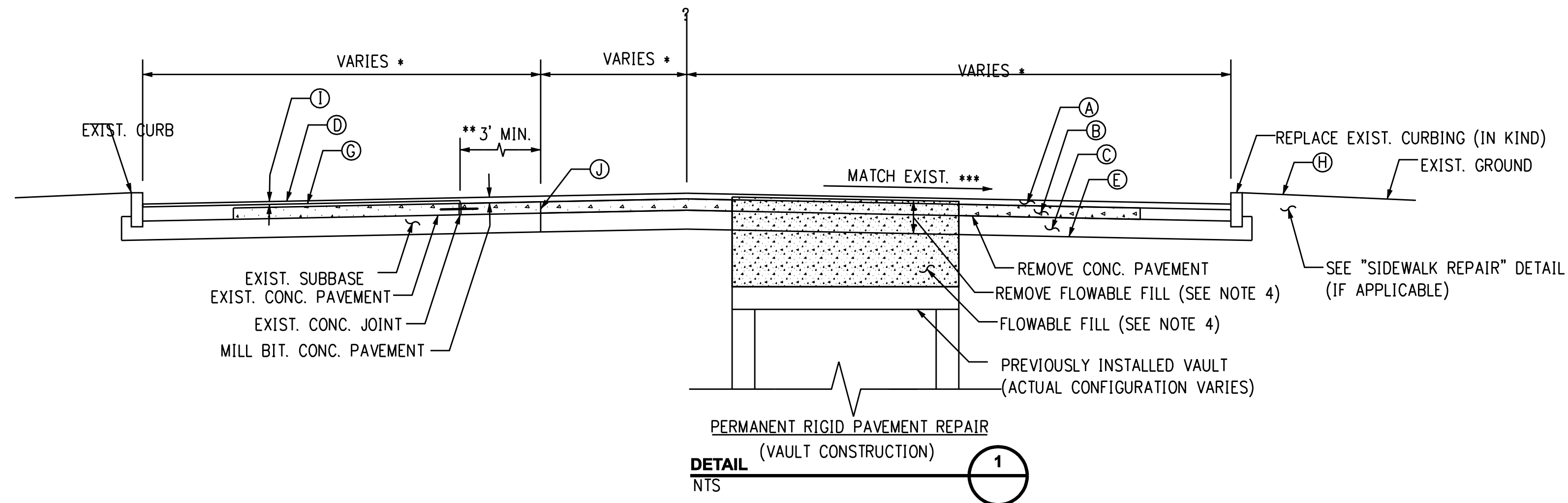
FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT CONSTRUCTION DETAILS

BY	SEN-BMCD	CHKD	APP	APP
DATE	2-5-05	DATE	DATE	DATE
SCALE	AS NOTED	DWG. NO.	01223-71003 PG 001	

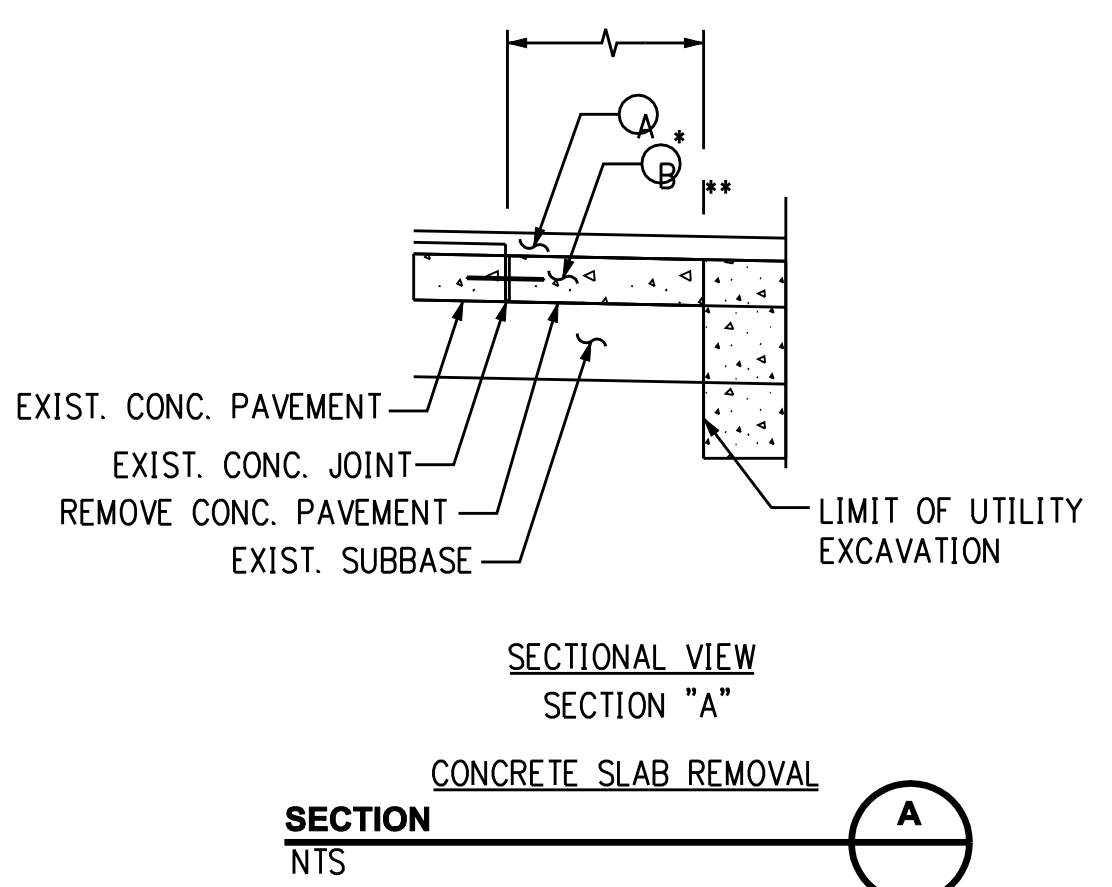
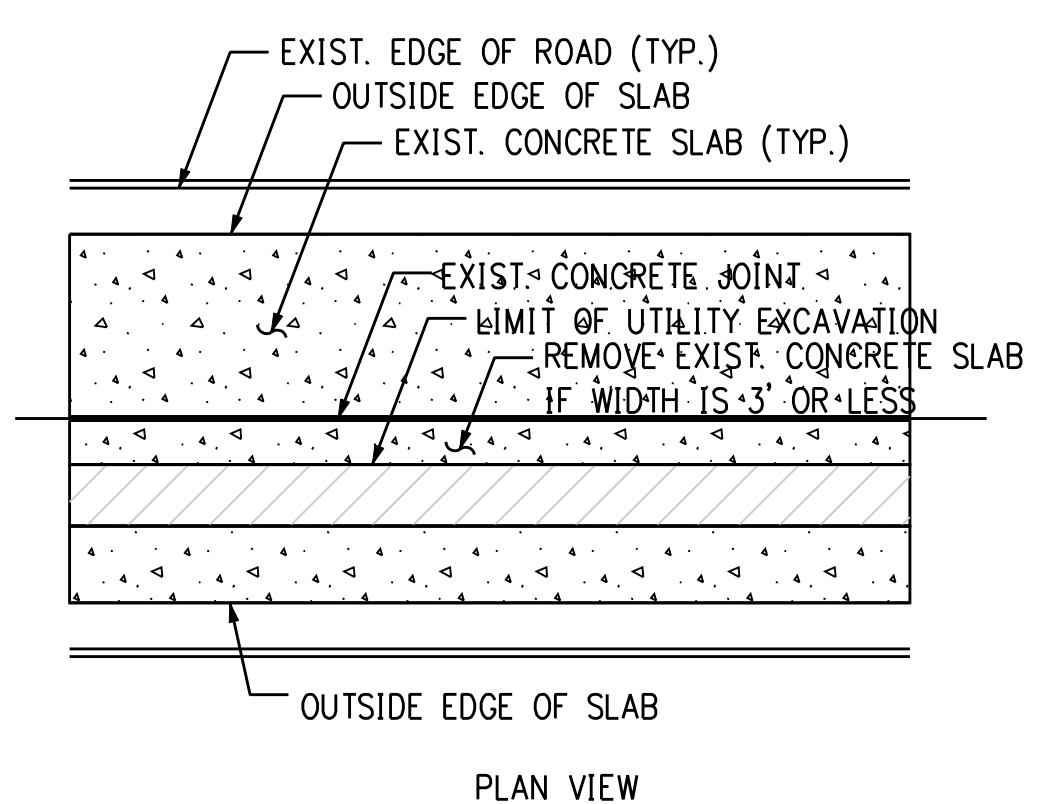
DOCKET No. 272

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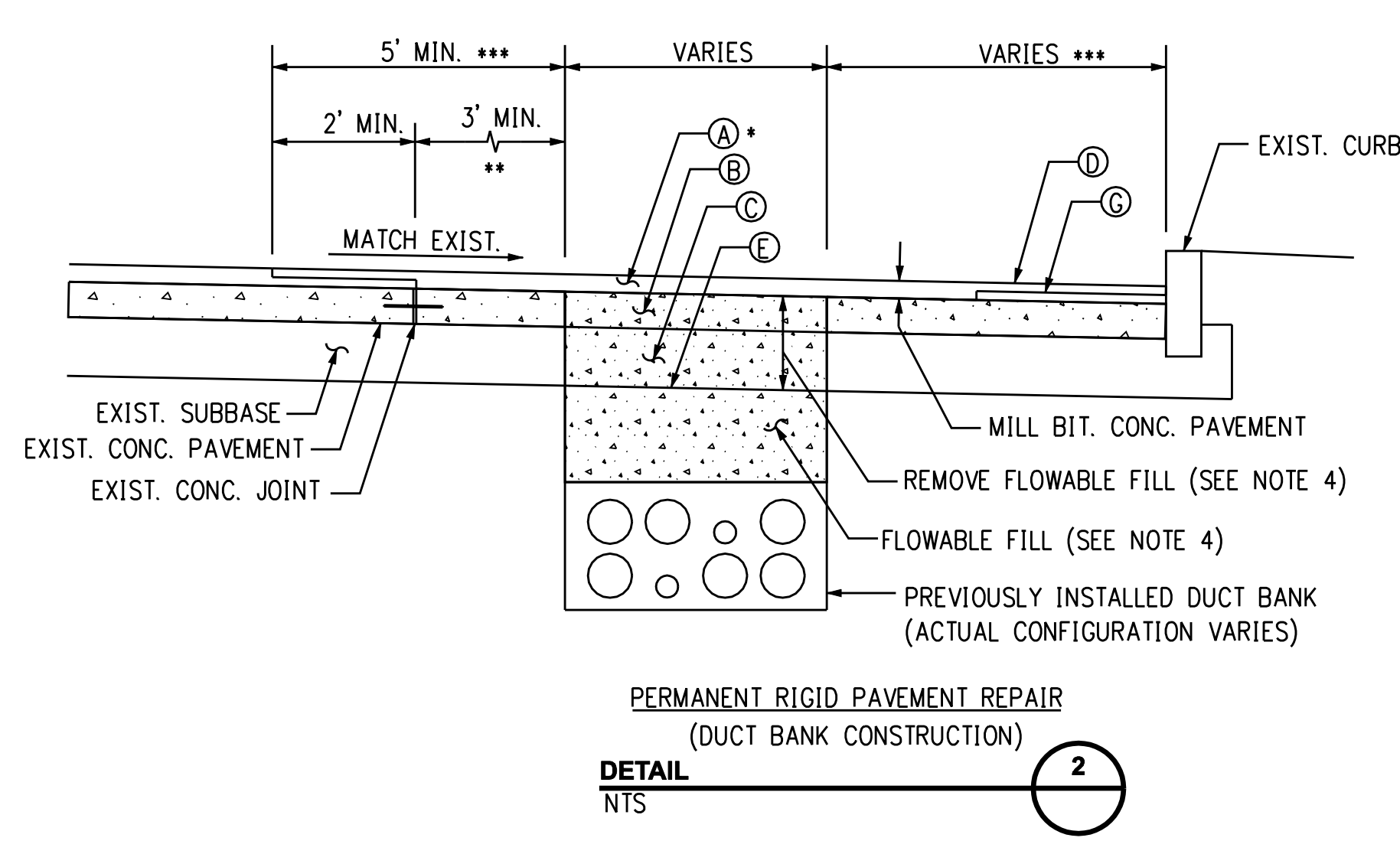


- * SEE MILLING AND OVERLAY PLANS FOR LIMITS.
- ** IF THE EXISTING CONCRETE JOINT IS LESS THAN 3' FROM THE DUCT BANK EXCAVATION, THE CONTRACTOR SHALL REMOVE THE REMAINING PORTION OF THE CONCRETE SLAB AND PLACE SUPERPAVE 0.375 INCH TO A DEPTH EQUAL TO THE REMOVED SLAB (SEE SECTION "A").
- *** 1.5% MINIMUM

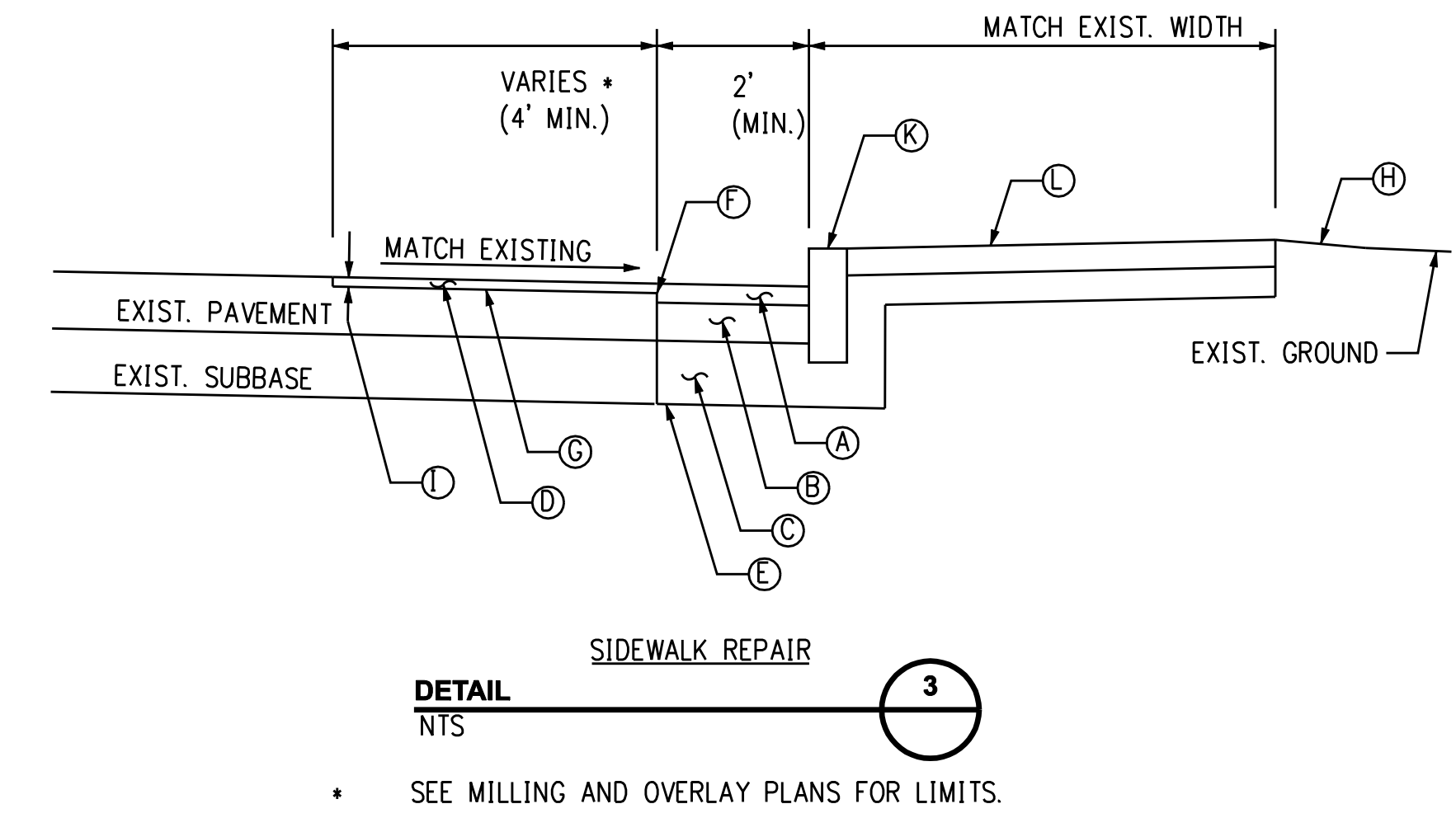
- LEGEND FOR TYPICAL SECTIONS
- (A) STATE ROAD - 3" SUPERPAVE 0.5 INCH (PLACED IN TWO EQUAL LIFTS)
 - LOCAL ROAD - 2" SUPERPAVE 0.5 INCH
 - (B) STATE ROAD - 6" SUPERPAVE 1.5 INCH (PLACED IN TWO EQUAL LIFTS)
 - LOCAL ROAD - 2" SUPERPAVE 0.375 INCH
 - (C) 10" PROCESSED AGGREGATE SUBBASE
 - (D) 1.5" SUPERPAVE 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



- * DEPTH MAY VARY TO MEET TOP OF EXISTING CONCRETE SLAB.
- ** DEPTH MAY VARY TO MEET BOTTOM OF EXISTING CONCRETE SLAB.



- * DEPTH MAY VARY TO MEET TOP OF EXISTING CONCRETE SLAB.
- ** IF THE EXISTING CONCRETE JOINT IS LESS THAN 3' FROM THE DUCT BANK EXCAVATION, THE CONTRACTOR SHALL REMOVE THE REMAINING PORTION OF THE CONCRETE SLAB AND PLACE SUPERPAVE 1.5 INCH TO A DEPTH EQUAL TO THE EXISTING SLAB. IF THE PORTION TO BE REMOVED IS ON THE OUTSIDE EDGE OF SLAB, SUPERPAVE 1.5" SHALL BE PLACED ACCORDING TO THE FULL DEPTH PAVEMENT RESTORATION DETAILS SHOWN IN THESE PLANS. (SEE SECTION "A")
- *** SEE MILLING AND OVERLAY PLANS FOR LIMITS.




- * SEE MILLING AND OVERLAY PLANS FOR LIMITS.

- NOTES:
- 1) THE LIMITS OF FULL DEPTH PAVEMENT CONSTRUCTION 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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date	10/11/05	detailed	BL COMPANIES
designed	BL COMPANIES	checked	S. NEWLAND

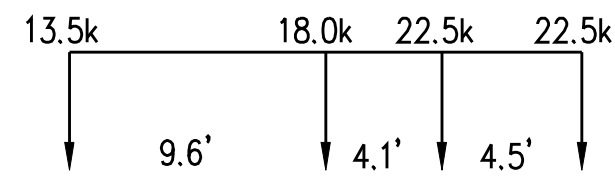
MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE MIDDLETOWN-NORWALK 345kV TRANSMISSION PROJECT
CONSTRUCTION DETAILS

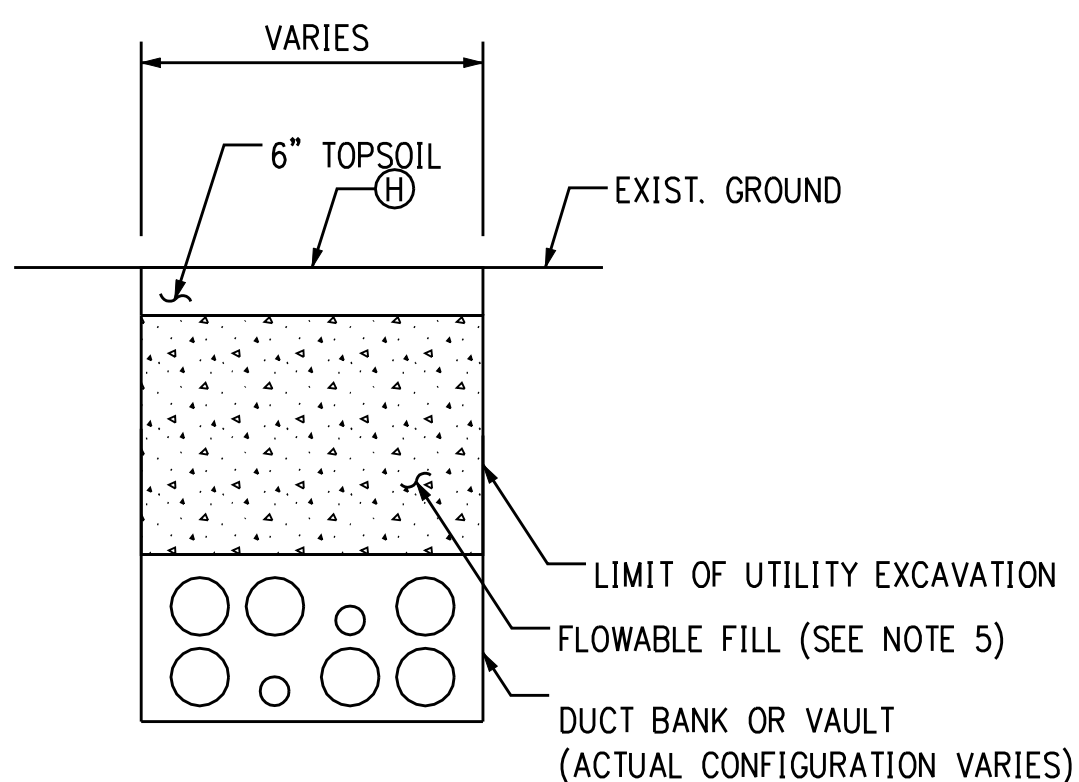
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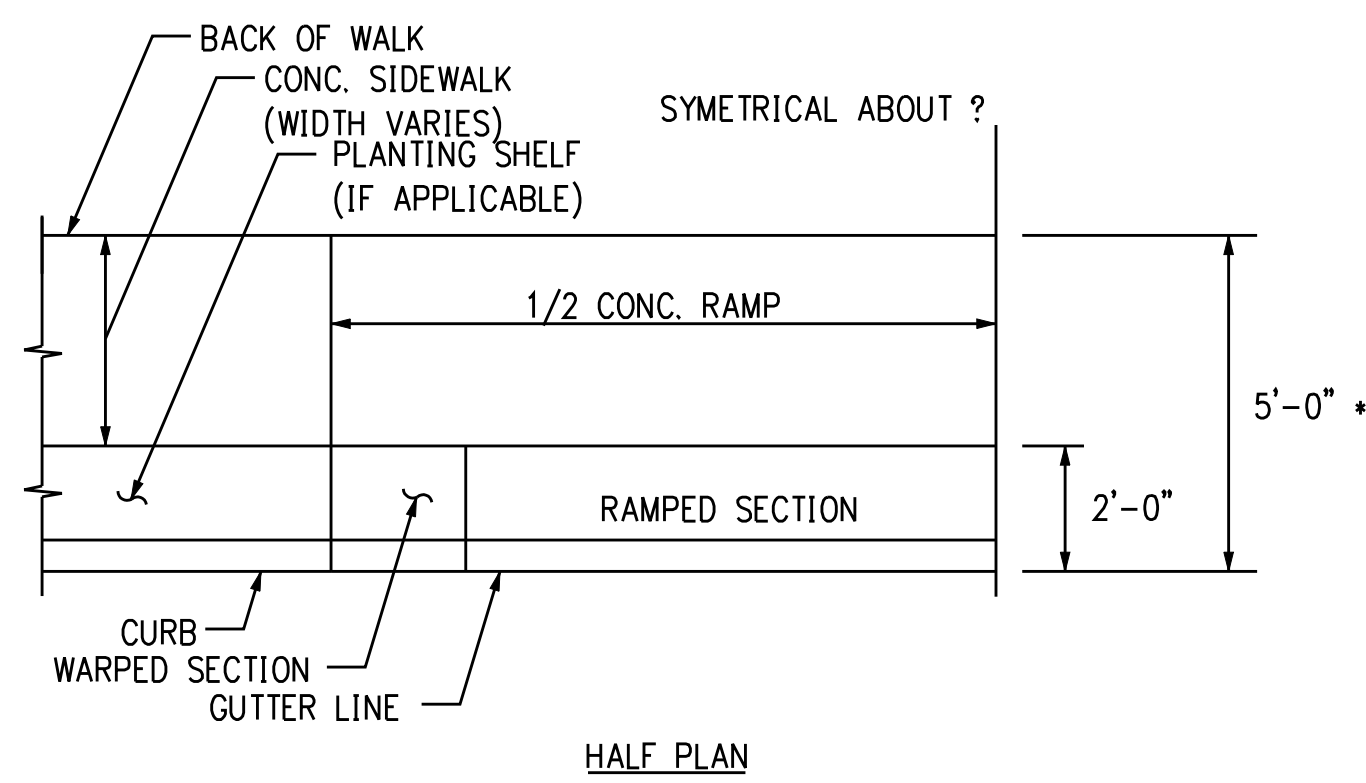
THE 4-AXLE SINGLE UNIT CONSTRUCTION VEHICLE WITH A GROSS VEHICLE WEIGHT OF 76,500 lbs WITH AN OVERALL WHEELBASE OF 18.2 FEET (13.5k ON FRONT AXLE, 18.0k, 22.5k AND 22.5k ON THE REAR THREE AXLES). AXLES ARE SPACED AT 9.6', 4.1' AND 4.5' (FRONT TO REAR)

STEEL PLATING NOTES:

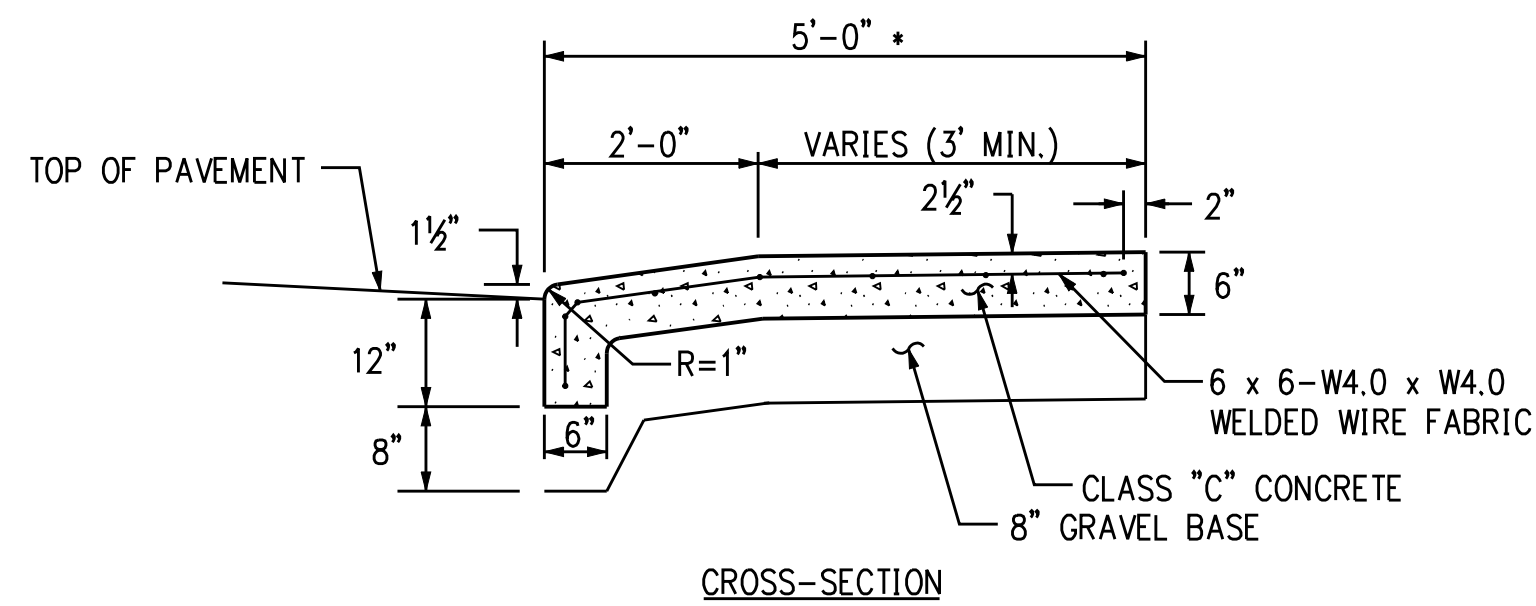
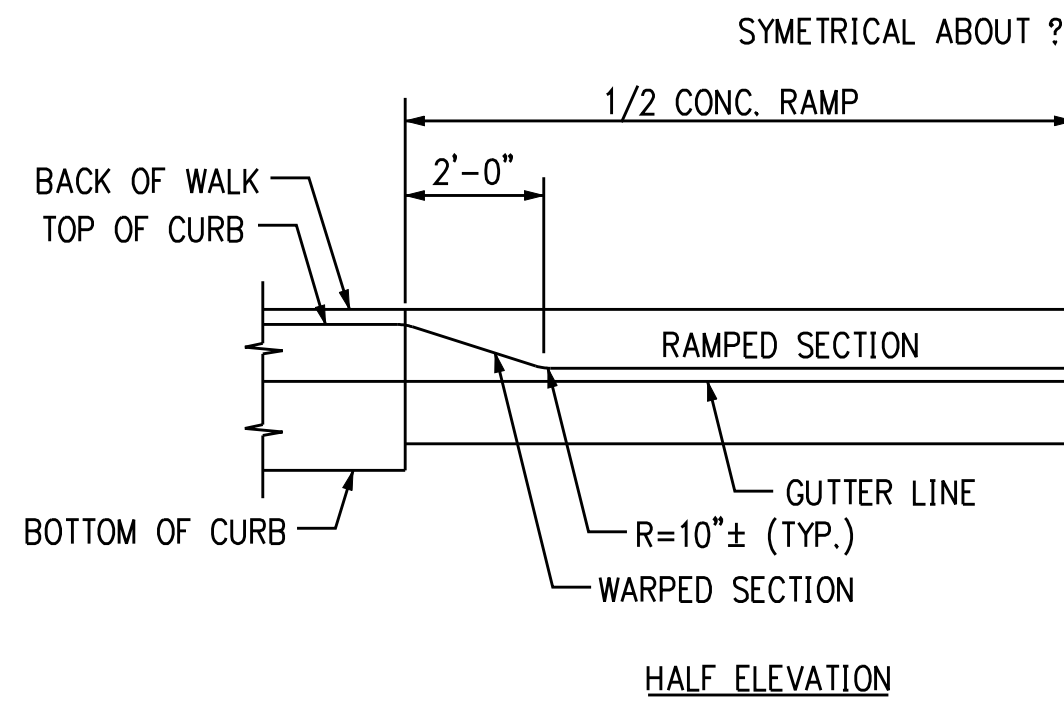
- 1) THE USE OF STEEL PLATES, EXCEPT AS SET FORTH BELOW, SHALL BE CONSISTENT WITH THE GUIDELINES FOR USE OF STEEL PLATES IN STATE HIGHWAY RIGHT-OF-WAY UNLESS FURTHER DEVIATION FROM SUCH GUIDELINES HAS BEEN EXPRESSLY APPROVED BY THE DISTRICT MAINTENANCE DIRECTOR OR SENIOR MANAGEMENT OF THE STATE.
- 2) FOR A TRENCH THAT DOES NOT EXCEED 3' IN WIDTH, THE STEEL PLATE MUST BE A MINIMUM OF 1" THICK AND A MAXIMUM OF 12' IN LENGTH.
- 3) FOR A TRENCH THAT EXCEEDS 3' IN WIDTH, A PROFESSIONAL ENGINEER (LICENSED IN CONNECTICUT) MUST DESIGN THE PLATE AND SUPPORT SYSTEM. THE PLATE AND SUPPORT SYSTEM MUST BE CAPABLE OF SUPPORTING A 4-AXLE CONSTRUCTION VEHICLE (SEE LOADING DIAGRAM).
- 4) THE MAXIMUM PLATED TRENCH LENGTH IS 300', OR AS DETERMINED BY THE DISTRICT MAINTENANCE DIRECTOR AS FIELD CONDITIONS WARRANT.
- 5) IF THE TRENCH DEPTH IS GREATER THAN 3', SIDEWALL SHORING MUST BE INSTALLED.
- 6) PLATES MUST HAVE PERMANENT SLIP-RESISTANT SURFACE.
- 7) PLATES MUST BE PINNED AND RAMPED IN PLACE. WHEN PLATES ARE LEFT IN PLACE IN EXCESS OF 48 HOURS, THE PLATES MUST BE RECESSED TO ROAD LEVEL AND PINNED.
- 8) TRAFFIC CONTROL SIGNS MUST BE INSTALLED TO WARN MOTORISTS OF STEEL PLATES.
- 9) PLATES MUST BE IN ACCORDANCE WITH ASTM STANDARDS AND CERTIFICATION MUST BE PROVIDED BY THE PERMITTEE PRIOR TO SECURING PERMISSION.
- 10) WHERE PLATES WILL BE IN PLACE FOR MORE THAN 24 HOURS, THE CONTRACTOR SHALL CONDUCT REGULAR INSPECTION AND REPAIR AS NEEDED.
- 11) STEEL PLATES CAN NOT BE LEFT IN PLACE AT THE FOLLOWING LOCATIONS:
 - APPROACHING STOP BARS OR STOP SIGNS (MINIMUM DISTANCE OF 100');
 - ON LIMITED ACCESS HIGHWAYS;
 - AT HANDICAPPED RAMPS;
 - ON BRIDGES;
 - IN AREAS WHERE CROSSWALKS ARE PRESENT INCLUDING SCHOOLS, HOSPITALS, CHURCHES AND ELDERLY HOUSING;
 - AT ANY OTHER LOCATIONS DEEMED UNSUITABLE BY THE DISTRICT MAINTENANCE DIRECTOR



DETAIL 1
EARTHEN RESTORATION
NTS



* OR AS NEEDED TO MEET BACK OF EXISTING CONC. SIDEWALK

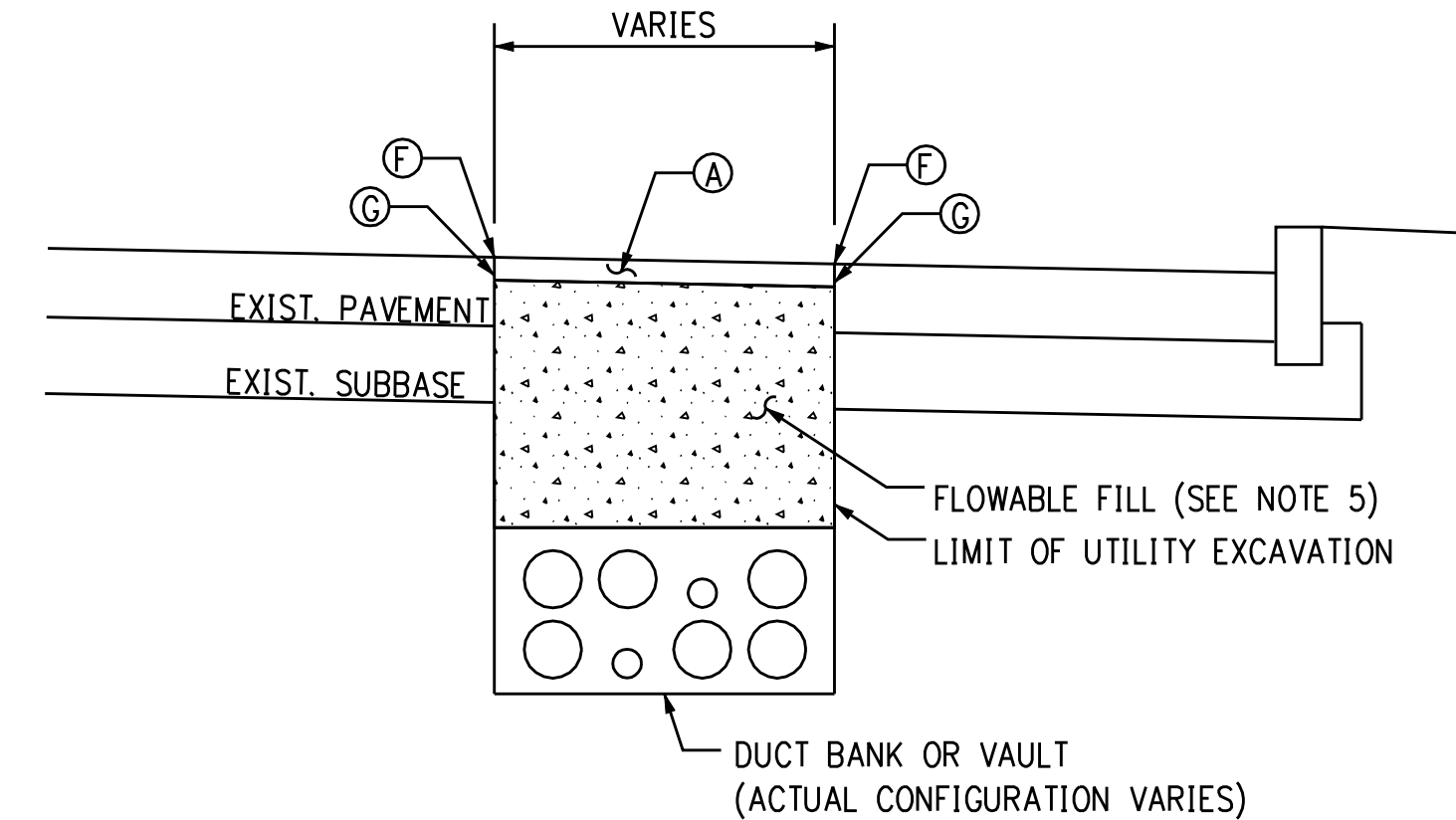


* OR AS NEEDED TO MEET BACK OF EXISTING CONC. SIDEWALK

DETAIL 2
CONCRETE DRIVEWAY APRON
NTS

LEGEND FOR TYPICAL SECTIONS

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



TEMPORARY PAVEMENT REPAIR
(DUCT BANK / VAULT CONSTRUCTION)

DETAIL 3
NTS

NOTES:

- 1) "TURF ESTABLISHMENT" SHALL BE APPLIED TO ALL AREAS DISTURBED BY THE CONTRACTOR'S ACTIVITIES.
- 2) "MATERIAL FOR TACK COAT" SHALL BE APPLIED BETWEEN PAVEMENT COURSES AND TO ALL PAVEMENT JOINTS.
- 3) THE TEMPORARY PAVEMENT DETAIL SHALL BE APPLIED TO ALL TRENCH EXCAVATIONS IN AREAS OF BITUMINOUS TYPE PAVEMENT. THE PERMANENT PAVEMENT TREATMENTS SHALL BE APPLIED WITHIN A PERIOD OF NOT LESS THAN 60 CALENDER DAYS (EXCLUDING THE WINTER SHUTDOWN).
- 4) SEE STANDARD DRAWING NO. 921-A FOR BITUMINOUS CONCRETE DRIVEWAYS.
- 5) "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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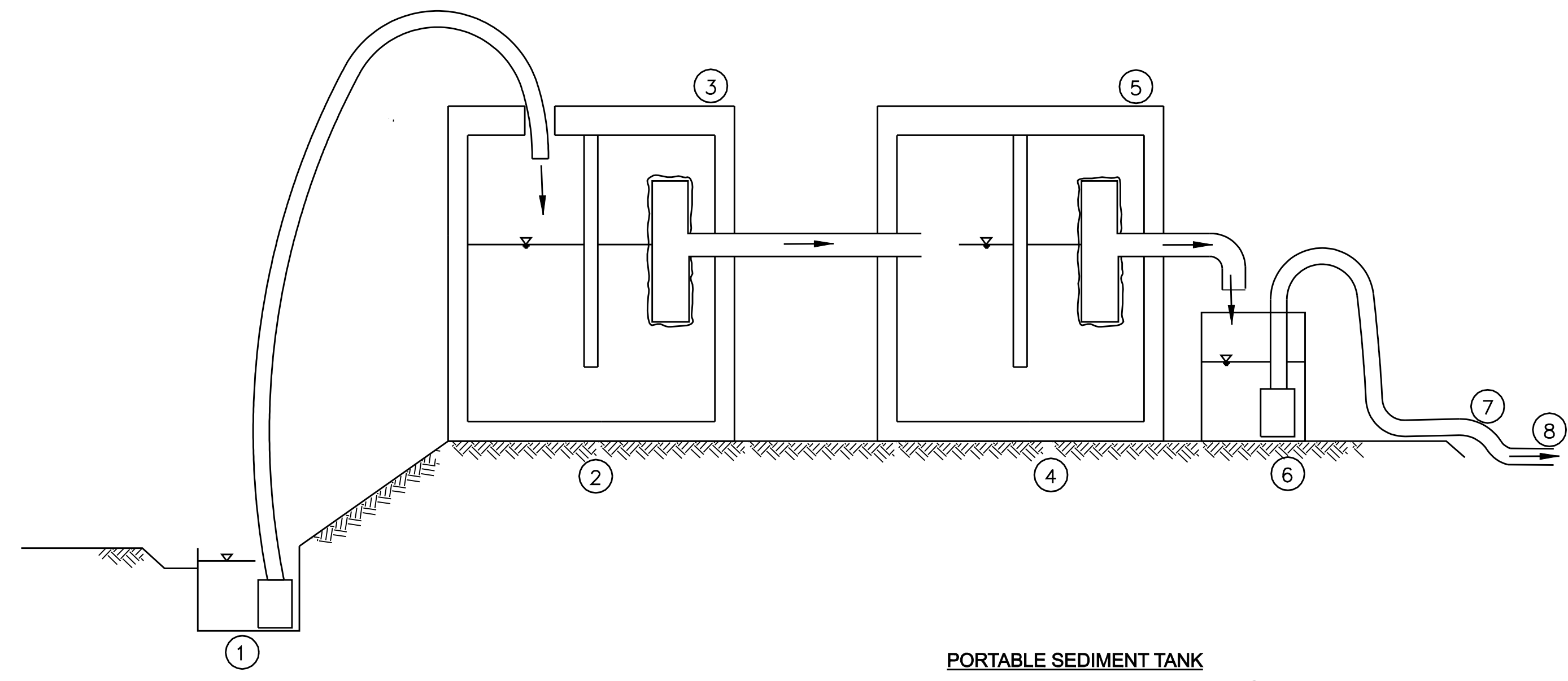
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1	10/11/05	ISSUED 60% PRELIMINARY		CTC

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

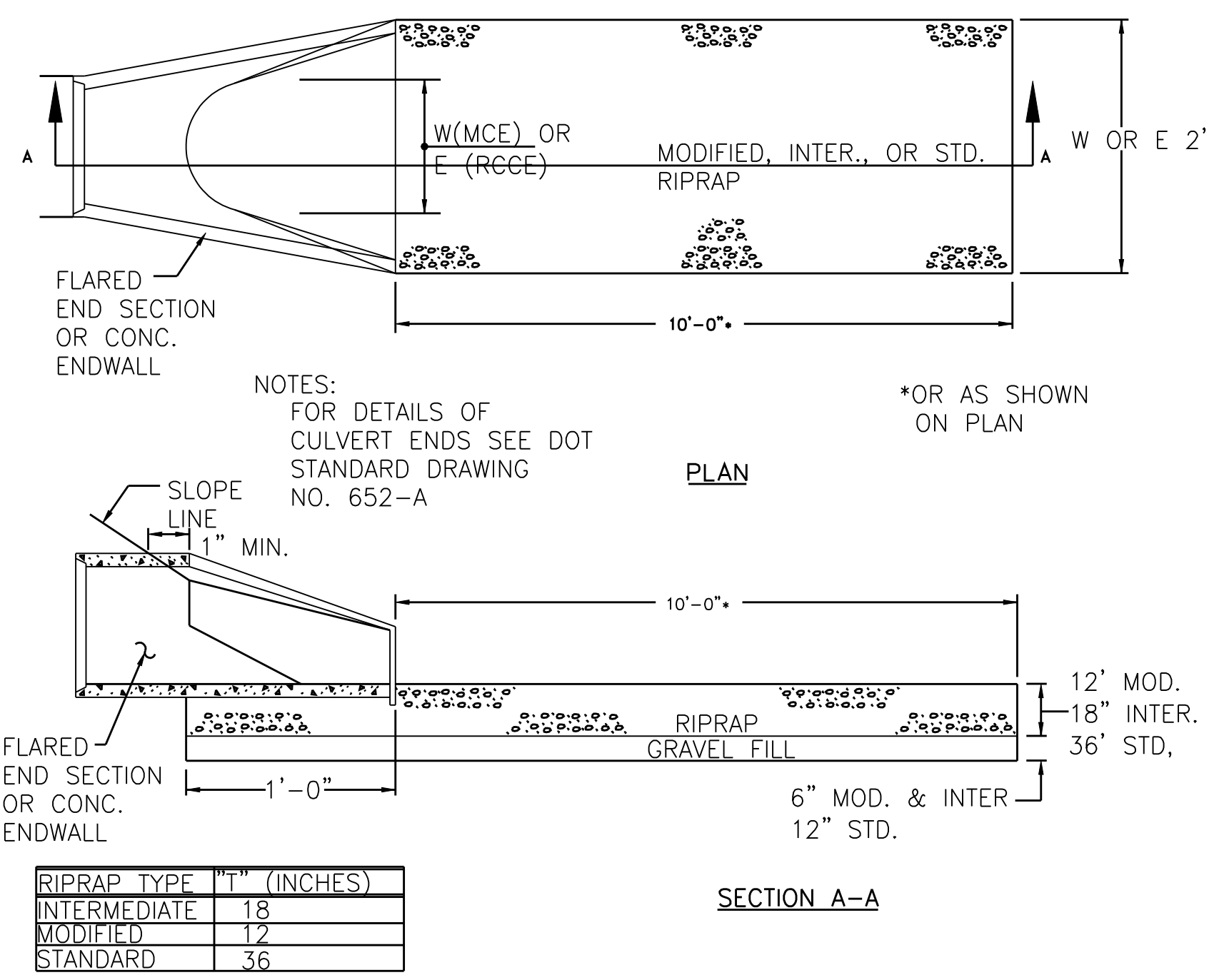
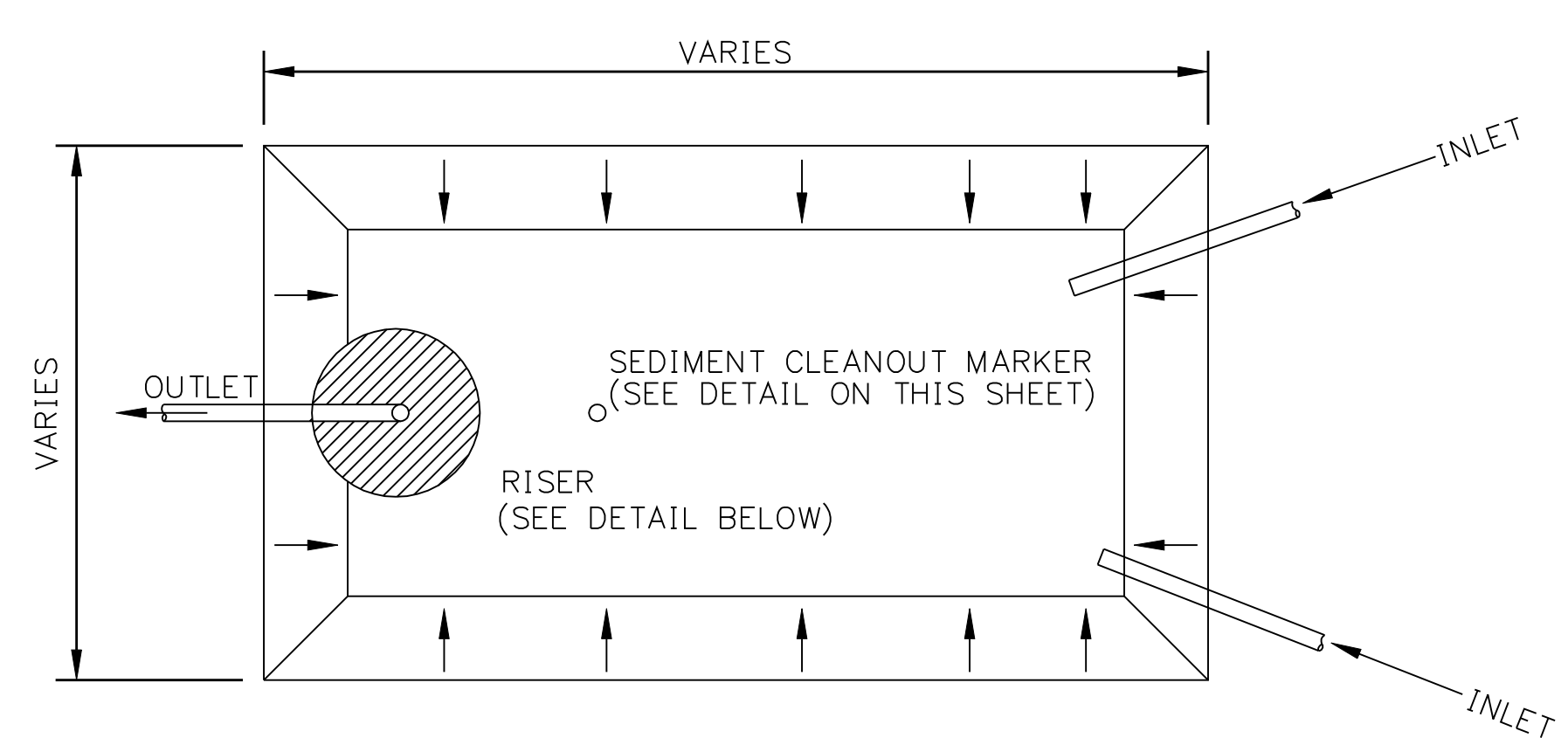
NORTHEAST UTILITIES SERVICE CO.
FOR THE CONNECTICUT LIGHT & POWER COMPANY
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT CONSTRUCTION DETAILS

BY	SEN-BMCD	CHKD	APP	APP
DATE	2-5-05	DATE	DATE	DATE
SCALE	AS NOTED	DWG. NO.	01223-71003 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

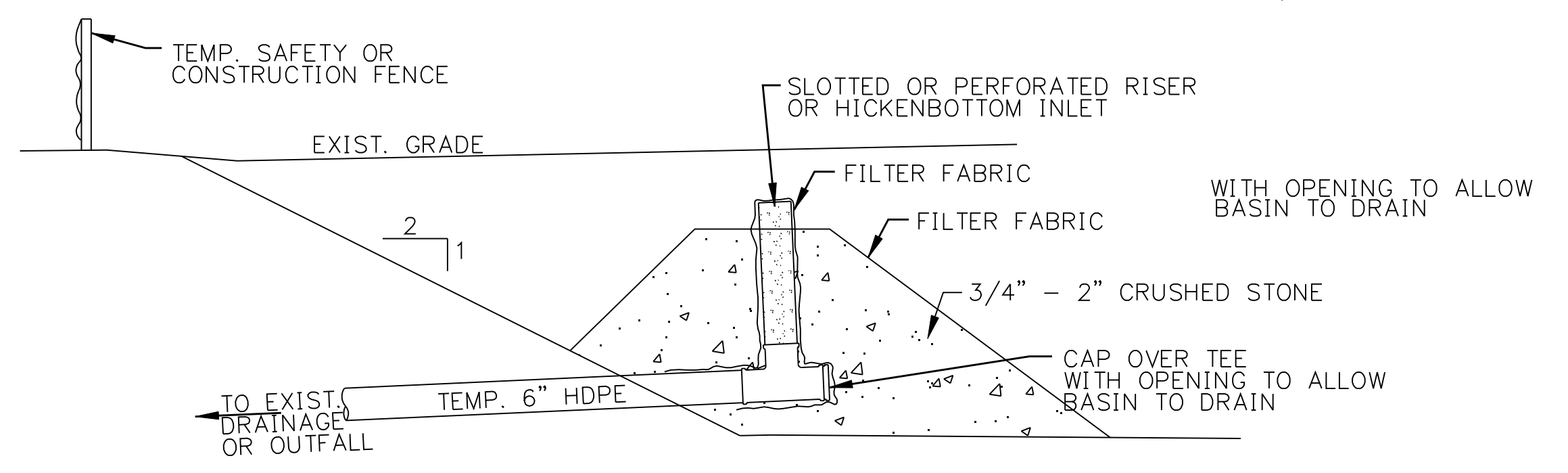
PORTABLE SEDIMENT TANK
DETAIL NTS 1



- NOTES:
- FOR DETAILS OF CULVERT ENDS SEE DOT STANDARD DRAWING NO. 652-A
 - *OR AS SHOWN ON PLAN

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

LEVEL SPREADER
DETAIL NTS 3



TEMPORARY SEDIMENT TRAP
DETAIL NTS 2

**FOR REFERENCE ONLY
 NOT FOR CONSTRUCTION**

DOCKET No. 272

no.	date	revisions	by	chk
5	1/24/06	ISSUED CSC		CTC
4	1/11/06	ISSUED CIVIL RFP		CTC
3	12/27/05	ISSUED NU FINAL REVIEW		CTC
2	11/17/05	ISSUED MUNICIPALITY REVIEW		CTC
1	10/11/05	ISSUED 60% PRELIMINARY		CTC

Burns & McDonnell
SINCE 1898

date **10/11/05** 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. 01223-15003	PG 002