

LOCATION MAP

N.T.S.



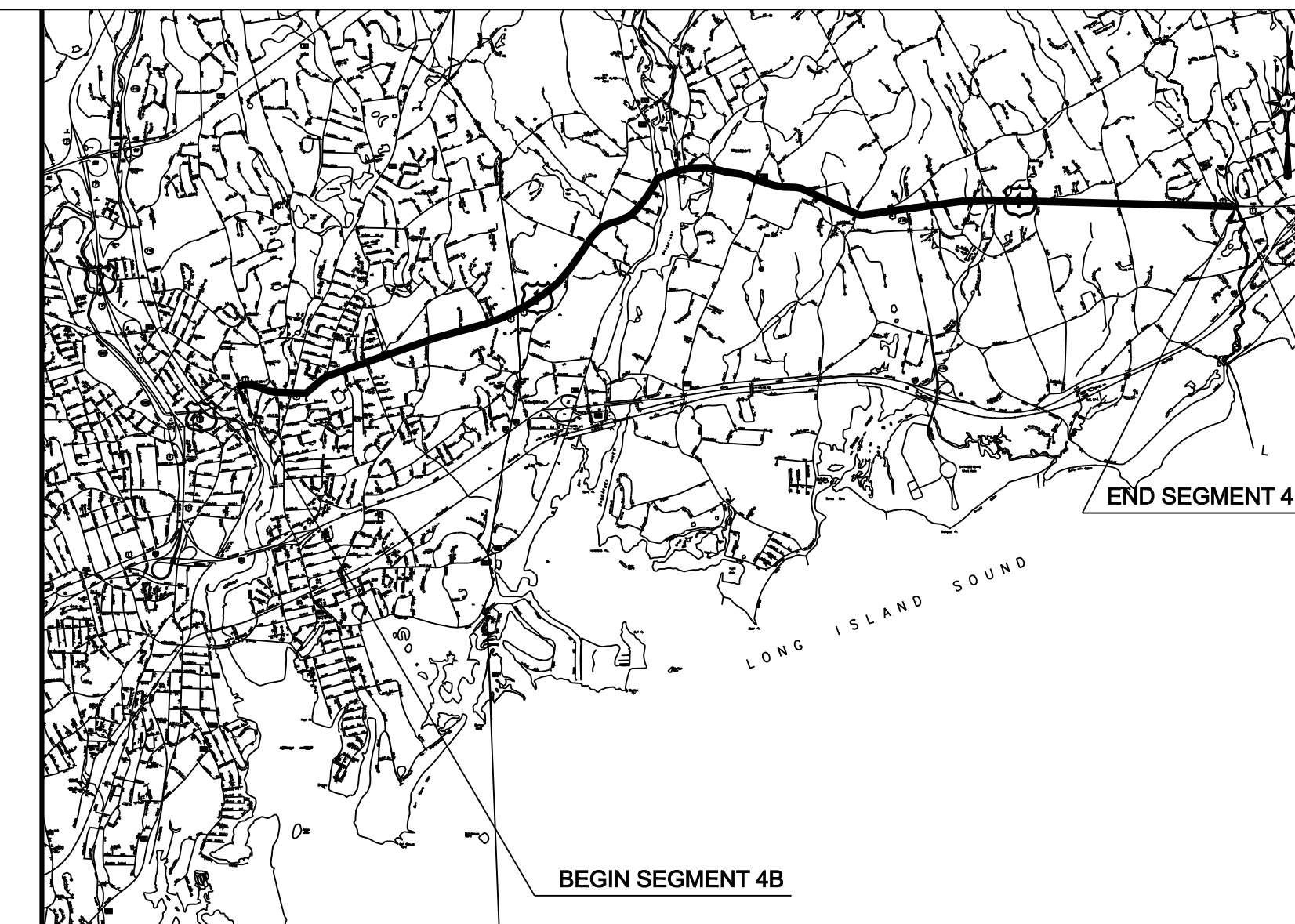
m | n middletown | norwalk

PLANS FOR CONSTRUCTION  
OF THE  
MIDDLETOWN-NORWALK  
345-kV TRANSMISSION LINE PROJECT

SEGMENT 4B

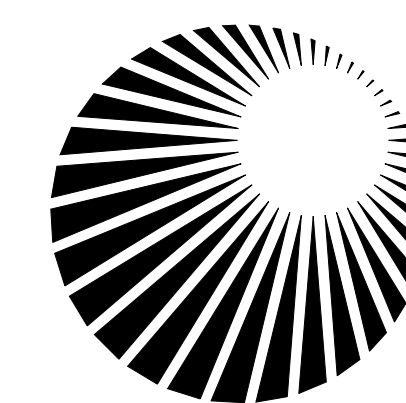
CITY OF NORWALK / TOWN OF WESTPORT, CONNECTICUT

CONNECTICUT SITING COUNCIL  
DOCKET NO. 272



VICINITY MAP

N.T.S.



Connecticut  
Light & Power  
The Northeast Utilities System

DRAWING INDEX


DRAWING INDEX:

DWG NO	TITLE/DESCRIPTION	DWG NO	TITLE/DESCRIPTION
01224-00000 PG 001	CONSTRUCTION PLANS (ONLY ON IFC SET)	01224-10001 PG 048	TOWN OF WESTPORT P & P Sta 331+00 TO 340+00
01224-00001 PG 002	FATHER CONLON PLACE AND NORTH AVE IN NORWALK TO TOWN BOUNDARY OF WESTPORT PAGE INDEX	01224-10001 PG 049	TOWN OF WESTPORT P & P Sta 338+00 TO 346+50
01224-00001 PG 004	GENERAL NOTES AND LEGEND	01224-10001 PG 050	TOWN OF WESTPORT P & P Sta 344+50 TO 353+50
01224-10002 PG 001	CITY OF NORWALK INDEX KEY MAP	01224-10001 PG 051	TOWN OF WESTPORT P & P Sta 351+50 TO 360+50
01224-10002 PG 002	TOWN OF WESTPORT INDEX KEY MAP	01224-10001 PG 052	TOWN OF WESTPORT P & P Sta 359+50 TO 368+00
01224-10002 PG 006	CITY OF NORWALK ROUTE DATA TABLES	01224-10001 PG 053	TOWN OF WESTPORT P & P Sta 366+50 TO 375+00
01224-10002 PG 007	TOWN OF WESTPORT ROUTE DATA TABLES	01224-10001 PG 054	TOWN OF WESTPORT P & P Sta 373+50 TO 382+50
01224-10002 PG 008	TOWN OF WESTPORT ROUTE DATA TABLES	01224-10001 PG 055	TOWN OF WESTPORT P & P Sta 381+00 TO 389+00
01224-10001 PG 013	CITY OF NORWALK P & P Sta 62+00 TO 84+00	01224-10001 PG 056	TOWN OF WESTPORT P & P Sta 387+50 TO 396+50
01224-10001 PG 014	CITY OF NORWALK P & P Sta 82+00 TO 91+00	01224-10001 PG 057	TOWN OF WESTPORT P & P Sta 394+00 TO 403+00
01224-10001 PG 015	CITY OF NORWALK P & P Sta 90+00 TO 98+00	01224-10001 PG 058	TOWN OF WESTPORT P & P Sta 402+00 TO 410+50
01224-10001 PG 016	CITY OF NORWALK P & P Sta 96+00 TO 104+00	01224-10001 PG 059	TOWN OF WESTPORT P & P Sta 409+00 TO 418+00
01224-10001 PG 017	CITY OF NORWALK P & P Sta 102+00 TO 111+00	01224-10001 PG 060	TOWN OF WESTPORT P & P Sta 416+00 TO 424+50
01224-10001 PG 018	CITY OF NORWALK P & P Sta 109+00 TO 118+00	01224-10001 PG 061	TOWN OF WESTPORT P & P Sta 423+00 TO 432+00
01224-10001 PG 019	CITY OF NORWALK P & P Sta 116+00 TO 124+00	01224-10001 PG 062	TOWN OF WESTPORT/TOWN OF FAIRFIELD P & P Sta 430+50 TO 445+00
01224-10001 PG 020	CITY OF NORWALK P & P Sta 123+00 TO 131+00	01224-45003 PG 001	VAULT, GROUNDING AND HANDHOLE DETAILS
01224-10001 PG 021	CITY OF NORWALK P & P Sta 130+00 TO 139+00	01224-45003 PG 002	VAULT AND GROUNDING DETAILS
01224-10001 PG 022	CITY OF NORWALK P & P Sta 137+00 TO 145+50	01224-45003 PG 003	REMOVED
01224-10001 PG 023	CITY OF NORWALK P & P Sta 144+00 TO 153+00	01224-45003 PG 004	HORIZONTAL DIRECTIONAL DRILL SPLICE VAULT DETAILS
01224-10001 PG 024	CITY OF NORWALK P & P Sta 151+00 TO 160+00	01224-45003 PG 007	TYPICAL/CROSSING SPLICE VAULT DETAILS
01224-10001 PG 025	CITY OF NORWALK P & P Sta 158+00 TO 167+00	01224-45003 PG 008	REMOVED
01224-10001 PG 026	CITY OF NORWALK/TOWN OF WESTPORT P & P Sta 166+00 TO 178+00	01224-45003 PG 010	CONDUIT TRANSITIONS
01224-10001 PG 027	TOWN OF WESTPORT P & P Sta 176+50 TO 185+50	01224-46003 PG 001	TYPICAL DUCT BANK DETAILS
01224-10001 PG 028	TOWN OF WESTPORT P & P Sta 184+50 TO 193+00	01224-46003 PG 002	UTILITY BRIDGE DUCT BANK DETAILS AND UTILITY CROSSING DETAIL
01224-10001 PG 029	TOWN OF WESTPORT P & P Sta 192+50 TO 200+50	01224-46003 PG 004	JACK AND BORE, HORIZONTAL DIRECTIONAL DRILL AND UTILITY BRIDGE DUCT BANK DETAILS
01224-10001 PG 030	TOWN OF WESTPORT P & P Sta 200+00 TO 208+50	01224-46003 PG 005	CABLE AND TEMPERATURE MONITORING DETAILS
01224-10001 PG 031	TOWN OF WESTPORT P & P Sta 207+00 TO 215+50	01224-46003 PG 006	HORIZONTAL DIRECTIONAL DRILL AND JACK AND BORE SECTIONS
01224-10001 PG 032	TOWN OF WESTPORT P & P Sta 214+00 TO 223+00	01224-71003 PG 002	STONY BROOK GENERAL PLAN
01224-10001 PG 033	TOWN OF WESTPORT P & P Sta 222+00 TO 230+00	01224-71003 PG 003	STONY BROOK LAYOUT PLAN, HANDLING OF WATER PLAN AND WALL FOOTING DETAILS
01224-10001 PG 034	TOWN OF WESTPORT P & P Sta 230+00 TO 238+50	01224-15003 PG 001	EROSION CONTROL DETAILS
01224-10001 PG 036	TOWN OF WESTPORT P & P Sta 244+50 TO 252+50	01224-15003 PG 002	EROSION CONTROL DETAILS
01224-10001 PG 037	TOWN OF WESTPORT P & P Sta 252+50 TO 259+50		
01224-10001 PG 038	TOWN OF WESTPORT P & P Sta 258+50 TO 267+00		
01224-10001 PG 039	TOWN OF WESTPORT P & P Sta 266+50 TO 275+00		
01224-10001 PG 040	TOWN OF WESTPORT P & P Sta 273+50 TO 282+00		
01224-10001 PG 041	TOWN OF WESTPORT P & P Sta 281+50 TO 290+00		
01224-10001 PG 042	TOWN OF WESTPORT P & P Sta 288+50 TO 297+50		
01224-10001 PG 043	TOWN OF WESTPORT P & P Sta 296+00 TO 304+50		
01224-10001 PG 044	TOWN OF WESTPORT P & P Sta 303+50 TO 312+00		
01224-10001 PG 045	TOWN OF WESTPORT P & P Sta 310+00 TO 318+00		
01224-10001 PG 046	TOWN OF WESTPORT P & P Sta 317+00 TO 326+00		
01224-10001 PG 047	TOWN OF WESTPORT P & P Sta 324+00 TO 333+00		

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DOCKET No. 272

ISSUED FOR CONSTRUCTION

												
date 11/10/05					detailed L. ROWSE							
designed C. COURTRIGHT					checked S. NEWLAND							
1	5/10/07	ISSUED CSC REVISED	CTC									
no.	date	revisions	by	chk	MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP
NORTHEAST UTILITIES SERVICE CO.												
FOR THE CONNECTICUT LIGHT & POWER COMPANY												
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT FATHER CONLON PLACE AND NORTH AVE IN NORWALK TO TOWN BOUNDARY OF WESTPORT PAGE INDEX												
BY SEN-BMCD		CHKD	APP		DATE		DATE		APP			
DATE 11-10-05		DATE	DATE		SCALE AS NOTED		D		DWG. NO. 01224-00001 PG 002			



ABBREVIATIONS		UTILITY - GAS		LEGEND		GENERAL NOTES	
<u>BUILDINGS</u>		<u>UTILITY - GAS</u>		<u>Edge Of Road</u>	<u>Easement Line</u>	<ol style="list-style-type: none"> <li>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.</li> <li>ALL VERTICAL RADII ARE 400' UNLESS OTHERWISE NOTED.</li> <li>DUCT BANK SHALL MAINTAIN MINIMUM COVER DEPTH OF 2'-6" UNLESS OTHERWISE SHOWN ON DRAWINGS. MAINTAIN 2'-0" VERTICAL CLEARANCE OVER OR UNDER EXISTING UTILITIES UNLESS OTHERWISE SHOWN ON DRAWINGS.</li> <li>ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RETURNED TO THE ORIGINAL CONDITIONS AS DETERMINED BY NORTHEAST UTILITIES.</li> <li>COORDINATES AND STATIONING INDICATED ARE AT CENTERLINE OF DUCT BANK.</li> <li>SEE INDEX KEY MAPS FOR THE DESIGNATION BETWEEN MUNICIPAL ROADS AND STATE ROADS.</li> <li>TREES AND SHRUBS SHALL BE REMOVED AND REPLACED WITH SIMILAR TYPES AND SIZES TYPICAL OF GENERAL CONSUMER NURSERY STOCK, PROVIDED THAT NO REPLACEMENT TREE SHALL EXCEED TWELVE (12) FEET IN HEIGHT, NOR SHALL ANY REPLACEMENT SHRUB EXCEED A THREE (3) GALLON POT AND PROVIDED THAT NOTHING SHALL BE PLANTED WITHIN FIFTEEN (15) FEET OF AN INSTALLED VAULT OR WITHIN TEN (10) FEET OF AN INSTALLED CABLE DUCT BANK.</li> <li>COORDINATES ARE BASED ON THE CONNECTICUT STATE PLANE COORDINATE SYSTEM. (NAD 83)</li> <li>VERTICAL DATUM IS BASED ON NAVD 88.</li> <li>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.</li> <li>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.</li> <li>VAULT AND DUCT BANK LOCATIONS ARE SUBJECT TO ADJUSTMENT DUE TO UNFORESEEN CONDITIONS.</li> <li>NORTHING AND EASTING DESIGNATIONS FOR SPLICE VAULT LOCATIONS ARE REFERENCED TO CENTER OF SPLICE VAULT.</li> </ol>	
GAR.	GARAGE	GG	GAS GATE	Concrete Pavement	Edge of Water		
<u>GUIDE RAILS</u>		ST.	STEEL	Dirt Road	Stone Wall		
MBR	METAL BEAM RAIL	<u>PIPE MATERIALS</u>		B.C.L.C.	Transmission Tower		
CGRM	CABLE GUIDE RAIL METAL POSTS	CI	CAST IRON	Curb (Type As Labeled)	Riprap		
CGRW	CABLE GUIDE RAIL WOOD POSTS	DI	DUCTILE IRON	Guide Rail	Hedge Row		
TGR	TIMBER GUIDE RAIL	HP.	HIGH PRESSURE	Concrete Median Barrier	Tree Line		
<u>FENCES/WALLS</u>		LP.	LOW PRESSURE	Railroad Tracks	Shrub		
CLF	CHAIN LINK FENCE	PLA	PLASTIC	Fence	All Trees		
PICK.FENCE	PICKET FENCE	PVC	POLYVINYL CHLORIDE	Storm	Hand Hole		
RAIL.FENCE	WOOD RAIL FENCE	RCP	REINFORCED CONCRETE PIPE	Sanitary	Pedestrian Signal		
STOCK.FENCE	STOCKADE FENCE	CMP	CORRUGATED METAL PIPE	Gas Main	Span Pole		
WIRE.FENCE	WIRE FENCE	WRP	WRAPPED PIPE	Water Main	Mast Arm		
RET.WALL	RETAINING WALL	600*	600 PSI	Underground Electric	Traffic Controller		
<u>MONUMENTATION</u>		CWD	CREOSOTE WOOD DUCT	Telephone Duct Bank	Traffic Signal		
CHD	CONN.HIGHWAY DEPT.MON.	MTD	MULTITILED DUCTS	Underground Tele. Conduit	Sign		
DH	DRILL HOLE	STD	SINGLE TILED DUCTS	Overhead Wires	2-Post Sign		
I.PIN	IRON PIN	F	FIBERGLASS	Retaining Wall	Double-Faced Sign		
I.PIPE	IRON PIPE	P	PLASTIC	Highway Line	Billboard		
MAG.NAIL	MAGNETIC NAIL	I	IRON	Street Line	Utility Pole		
MON.	MONUMENT	W	WOOD	Property Line	Utility Pole With Light		
PK NAIL	*PK* NAIL	HWF		Lot Line Of Common Ownership	General Purpose Lamp		
SPIKE	SPIKE	TH	TEST HOLE	Town Line	Light Standard		
<u>SURFACE/WALL/CURB MATERIALS</u>				DUCT BANK	Guy Wire		
BIT.	BITUMINOUS	<u>STRUCTURES</u>		Water /RR Crossing	Guy Pole		
BOL.	BOLLARD	*C* CB	CURBED CATCH BASIN	Demolition	Water Meter		
CONC.	CONCRETE	*C-L* CB	CURBLESS CATCH BASIN	Approx.Limits of Thermally Approved Unbound Aggregate Backfill	Hydrant		
GRAN.	GRANITE	MH	MANHOLE		Type *C-L* Catch Basin		
GRAV.	GRAVEL	SAN.	SANITARY		Type *C* Catch Basin		
B.C.L.C.	BITUMINOUS CONCRETE LIP CURB	STM.	STORM		Manhole		
<u>UTILITY - WATER</u>		TF	TOP OF FRAME		Benchmark		
WG	WATER GATE (OR CURB BOX)	INV.	INVERT		Control Point		
WM	WATER METER	BTM	BOTTOM		Monuments		
<u>TRAFFIC</u>		N/A	NOT AVAILABLE		Pin,Pipe,Drillhole		
LOOP DET.	LOOP DETECTOR	<u>MISC.</u>			Marsh		
<u>UTILITY - COMMUNICATIONS AND ELECTRIC</u>		(ABAN.)	ABANDONED		Wetlands Boundary		
ELEC.MH	ELECTRIC MANHOLE	(MAP)	COMPILED FROM EXISTING MAPPING		Fiber Optic Handhole		
TEL.MH	TELEPHONE/COMMUNICATIONS MANHOLE	UG	UNDERGROUND		Splice Vault		
TRANS.	TRANSFORMER				Test Hole		
UI	UNITED ILLUMINATING				Temperature Monitor Station		
SNET	SOUTHERN NEW ENGLAND TELEPHONE						
CL&P	CONNECTICUT LIGHT AND POWER						



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

DOCKET No. 272

ISSUED FOR  
CONSTRUCTION



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

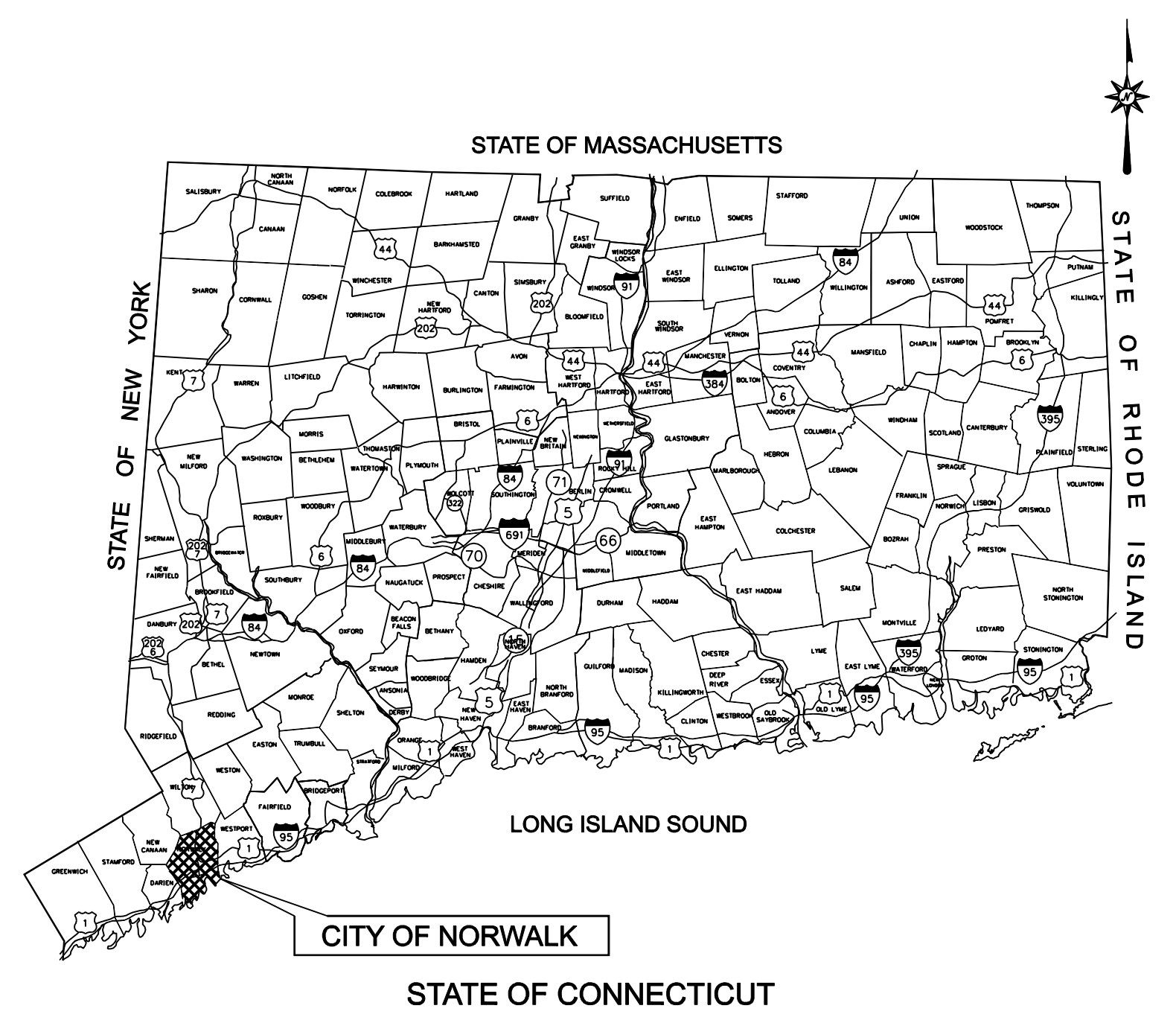
no.	date	revisions	by	chk
1	5/10/07	ISSUED CSC REVISED	CTC	

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY  
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT  
NORWALK SS TO SINGER SS  
GENERAL NOTES AND LEGEND

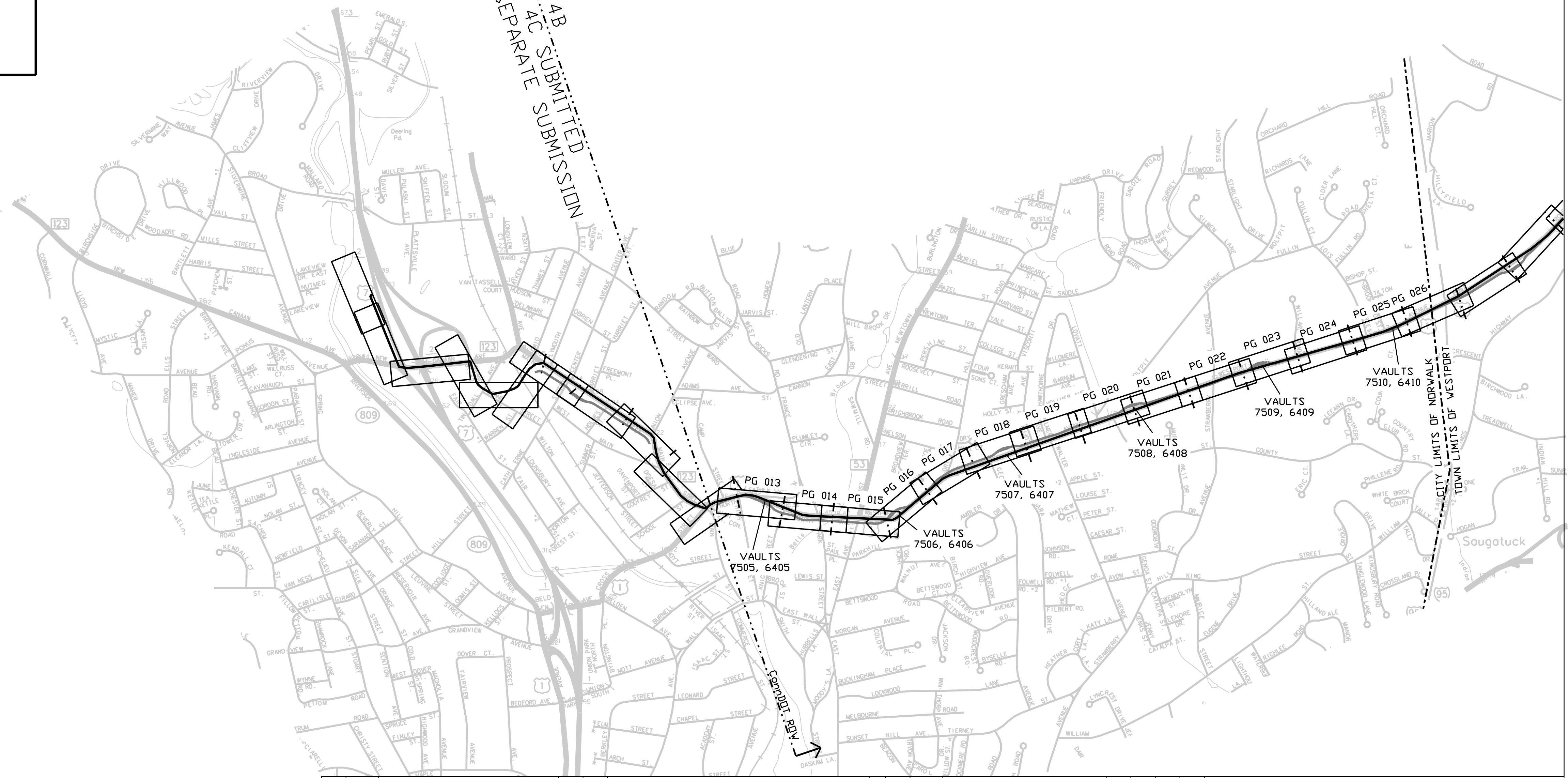
BY	SEN-BMCD	CHKD	APP	APP
DATE	11-10-05	DATE	DATE	DATE
SCALE	AS NOTED	D	DWG. NO.	01224-00001 PG 004



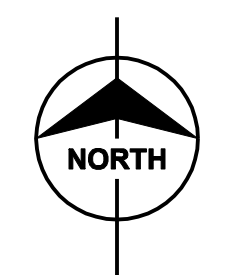
**LOCATION MAP**  
N.T.S.

CITY OF NORWALK  
NOT TO SCALE

← SEGMENT 4B SUBMITTED UNDER SEPARATE SUBMISSION



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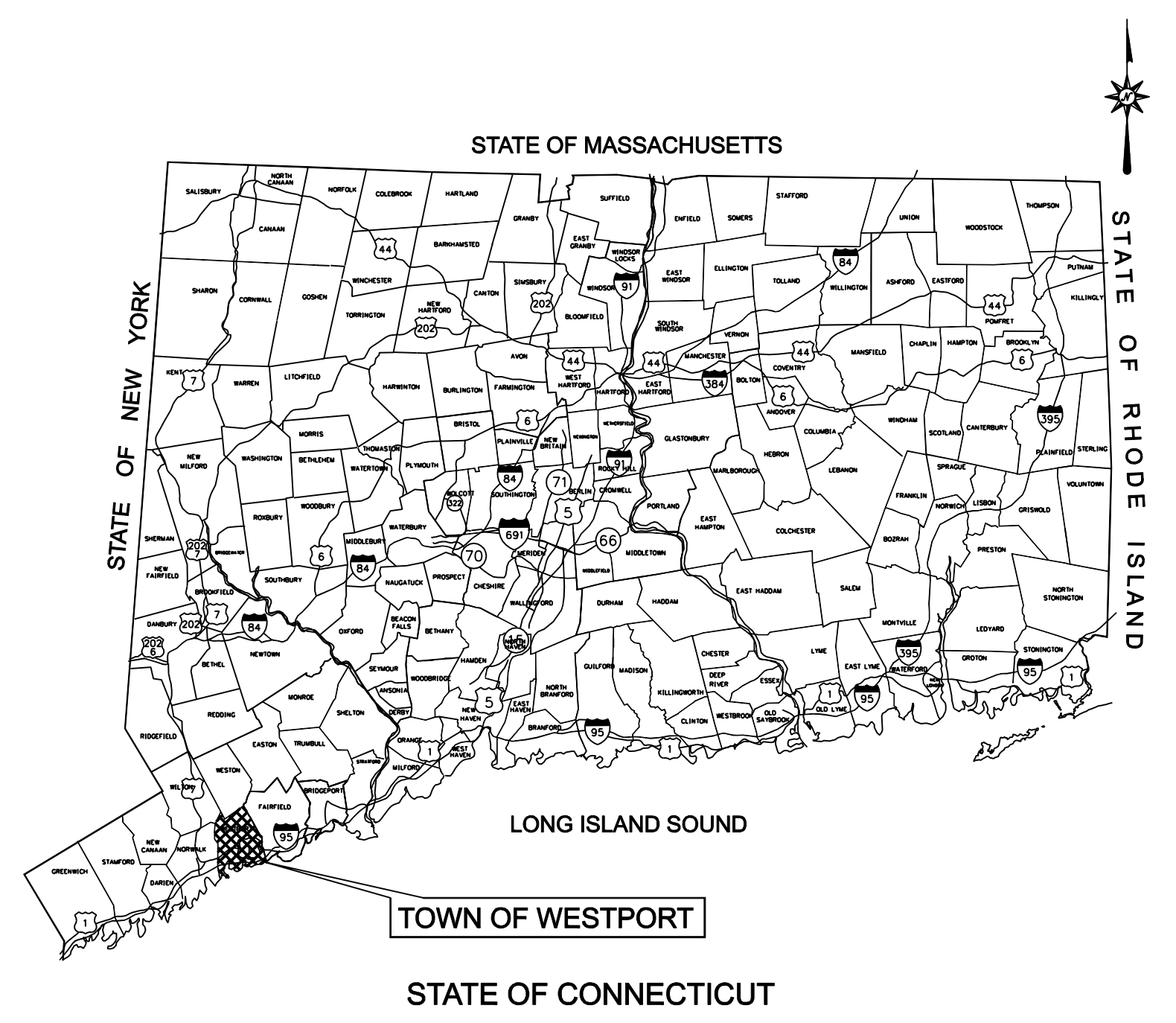
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designed C. COURTRIGHT  
detailed L. ROWSE  
checked S. NEWLAND

no.	date	revisions	by	chk
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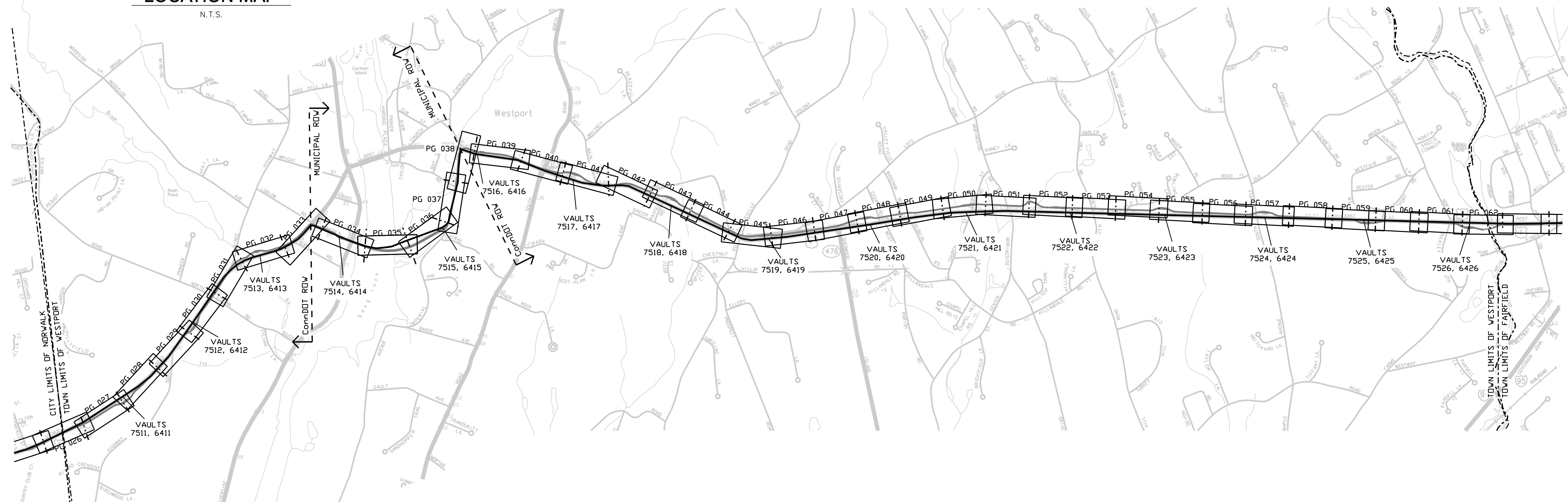
NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
CITY OF NORWALK INDEX KEY MAP			
BY SEN-BMCD	CHKD	APP	APP
DATE 11-10-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO.	01224-10002 PG 001






**LOCATION MAP**  
N.T.S.

**TOWN OF WESTPORT**  
NOT TO SCALE



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**ISSUED FOR CONSTRUCTION**



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

no.	date	revisions	by	chk
1	5/10/07	ISSUED CSC REVISED	CTC	

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

<b>NORTHEAST UTILITIES SERVICE CO.</b>			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
TOWN OF WESTPORT INDEX KEY MAP			
BY SEN-BMCD	CHKD	APP	APP
DATE 11-10-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO.	01224-10002 PG 002

CURVE DATA TABLE								
CURVE NO.	RADIUS	CURVE LENGTH	TANGENT LENGTH	DEFLECTION ANGLE	POINT OF INTERSECTION	POINT OF CURVATURE	POINT OF TANGENCY	SHEET REFERENCE
PI-N-01	200'	41.97'	21.06'	12°01'28.84"	N 605,889.9778 E 817,842.3215	N 605,897.9137 E 817,822.8092	N 605,886.2810 E 817,863.0590	10001 PG 013
PI-N-02	200'	51.37'	25.83'	14°43'01.10"	N 605,881.7483 E 817,888.4863	N 605,886.2810 E 817,863.0590	N 605,870.9046 E 817,911.9278	10001 PG 013
PI-N-03	100'	31.90'	16.09'	18°16'40.57"	N 605,842.3019 E 817,973.7600	N 605,849.0560 E 817,959.1593	N 605,831.3095 E 817,985.5058	10001 PG 013
PI-N-04	200'	31.80'	15.93'	9°06'33.41"	N 605,820.4229 E 817,997.1385	N 605,831.3095 E 817,985.5058	N 605,811.5152 E 818,010.3480	10001 PG 013
PI-N-04A	202'	36.90'	18.50'	10°27'57.13"	N 605,801.1717 E 818,025.6868	N 605,811.5152 E 818,010.3480	N 605,788.2139 E 818,038.8916	10001 PG 013
PI-N-05	200'	75.49'	38.20'	21°37'30.66"	N 605,761.4603 E 818,066.1551	N 605,788.2139 E 818,038.8916	N 605,746.6374 E 818,101.3593	10001 PG 013
PI-N-06	496'	84.83'	42.52'	9°47'56.35"	N 605,730.1379 E 818,140.5451	N 605,746.6374 E 818,101.3593	N 605,720.5483 E 818,181.9672	10001 PG 014
PI-N-07	200'	68.58'	34.63'	19°38'49.44"	N 605,690.2278 E 818,312.9353	N 605,698.0386 E 818,279.1970	N 605,671.5282 E 818,342.0832	10001 PG 014
PI-N-08	OMITTED							10001 PG 014
PI-N-09	200'	112.56'	57.82'	32°14'48.57"	N 605,640.3092 E 818,390.7454	N 605,671.5282 E 818,342.0832	N 605,639.8701 E 818,448.5593	10001 PG 014
PI-N-10	300'	15.40'	7.70'	2°56'25.24"	N 605,638.8458 E 818,583.4198	N 605,638.9043 E 818,575.7205	N 605,638.3925 E 818,591.1059	10001 PG 014
PI-N-11	200'	154.11'	81.11'	44°08'59.74"	N 605,592.7406 E 819,365.1059	N 605,597.5163 E 819,284.1368	N 605,645.7120 E 819,426.5292	10001 PG 015
PI-N-12	175'	43.52'	21.88'	14°15'00.07"	N 605,662.0007 E 819,445.4169	N 605,647.7145 E 819,428.8513	N 605,679.9250 E 819,457.9562	10001 PG 016
PI-N-13	150'	37.31'	18.75'	14°15'00.07"	N 605,695.2887 E 819,468.7042	N 605,679.9250 E 819,457.9562	N 605,707.5340 E 819,482.9033	10001 PG 016
PI-N-14	200'	124.39'	64.28'	35°38'02.10"	N 605,786.6829 E 819,574.6810	N 605,744.7039 E 819,526.0039	N 605,792.4422 E 819,638.7008	10001 PG 016
PI-N-15	200'	128.42'	66.51'	36°47'19.63"	N 605,798.4013 E 819,704.9427	N 605,792.4422 E 819,638.7008	N 605,842.8438 E 819,754.4237	10001 PG 016
PI-N-16	300'	69.36'	34.84'	13°14'48.58"	N 606,047.4009 E 819,982.1718	N 606,024.1234 E 819,956.2553	N 606,075.9977 E 820,002.0648	10001 PG 017
PI-N-17	300'	117.50'	59.51'	22°26'27.27"	N 606,124.8525 E 820,036.0499	N 606,075.9977 E 820,002.0648	N 606,157.0345 E 820,086.1109	10001 PG 017
PI-N-18	400'	91.11'	45.75'	13°03'02.72"	N 606,239.0892 E 820,213.7515	N 606,214.3475 E 820,175.2644	N 606,254.5009 E 820,256.8314	10001 PG 017
PI-N-19	200'	31.99'	16.03'	9°09'55.57"	N 606,473.7177 E 820,869.6035	N 606,468.3178 E 820,854.5094	N 606,481.4528 E 820,883.6448	10001 PG 018
PI-N-20	200'	27.59'	13.82'	7°54'14.03"	N 606,488.1197 E 820,895.7467	N 606,481.4528 E 820,883.6448	N 606,493.0590 E 820,908.6504	10001 PG 018
PI-N-21	298'	53.49'	26.82'	10°17'01.46"	N 606,513.4514 E 820,961.9246	N 606,503.8653 E 820,936.8813	N 606,518.4128 E 820,988.2769	10001 PG 018
PI-N-22	200'	35.90'	18.00'	10°17'01.46"	N 606,521.7426 E 821,005.9631	N 606,518.4128 E 820,988.2769	N 606,528.1762 E 821,022.7707	10001 PG 018
PI-N-23	581'	16.44'	8.22'	1°37'13.87"	N 606,542.5418 E 821,059.6795	N 606,539.3962 E 821,052.0822	N 606,545.9011 E 821,067.1848	10001 PG 018
PI-N-24	200'	25.26'	12.64'	7°14'06.81"	N 606,551.3762 E 821,078.5826	N 606,545.9011 E 821,067.1848	N 606,555.3723 E 821,090.5792	10001 PG 018
PI-N-25	500'	30.47'	15.24'	3°29'31.02"	N 606,658.8236 E 821,401.1502	N 606,654.0069 E 821,386.6901	N 606,662.7506 E 821,415.8769	10001 PG 019
PI-N-26	500'	64.26'	32.18'	7°21'51.15"	N 606,691.8641 E 821,525.0558	N 606,683.5736 E 821,493.9654	N 606,704.0712 E 821,554.8270	10001 PG 019
PI-N-27	500'	40.19'	20.11'	4°36'19.46"	N 606,782.8801 E 821,747.0288	N 606,775.2524 E 821,728.4262	N 606,788.9895 E 821,766.1838	10001 PG 019
PI-N-28	200'	100.90'	51.55'	28°54'17.69"	N 606,957.3979 E 822,294.2017	N 606,941.7347 E 822,245.0926	N 606,994.8469 E 822,329.6221	10001 PG 020
PI-N-29	150'	74.41'	37.99'	28°25'26.88"	N 607,022.4466 E 822,355.7268	N 606,994.8469 E 822,329.6221	N 607,034.2935 E 822,391.8218	10001 PG 020
PI-N-30	100'	32.35'	16.32'	18°32'04.18"	N 607,062.4444 E 822,477.5918	N 607,057.3560 E 822,462.0886	N 607,062.3408 E 822,493.9084	10001 PG 021
PI-N-31	102'	26.02'	13.08'	14°36'52.11"	N 607,062.2577 E 822,506.9877	N 607,062.3408 E 822,493.9084	N 607,065.4774 E 822,519.6649	10001 PG 021
PI-N-32	102'	47.15'	24.01'	26°29'14.45"	N 607,071.3868 E 822,542.9321	N 607,065.4774 E 822,519.6649	N 607,066.2987 E 822,566.3926	10001 PG 021
PI-N-33	100'	52.72'	26.99'	30°12'20.34"	N 607,060.5786 E 822,592.7668	N 607,066.2987 E 822,566.3926	N 607,068.9042 E 822,618.4378	10001 PG 021
PI-N-34	500'	14.98'	7.49'	1°42'59.01"	N 607,115.8716 E 822,763.2565	N 607,113.5610 E 822,756.1321	N 607,117.9678 E 822,770.4469	10001 PG 021
PI-N-35	400'	57.45'	28.77'	8°13'42.86"	N 607,305.3746 E 823,413.3078	N 607,297.3220 E 823,385.6851	N 607,317.2977 E 823,439.4938	10001 PG 022
PI-N-36	400'	51.79'	25.93'	7°25'05.98"	N 607,354.8539 E 823,521.9757	N 607,344.1083 E 823,498.3758	N 607,362.4625 E 823,546.7654	10001 PG 022

ISSUED FOR CONSTRUCTION

CURVE DATA TABLE								
CURVE NO.	RADIUS	CURVE LENGTH	TANGENT LENGTH	DEFLECTION ANGLE	POINT OF INTERSECTION	POINT OF CURVATURE	POINT OF TANGENCY	SHEET REFERENCE
PI-N-37	203'	108.03'	55.32'	30°27'54.22"	N 607,450.4159 E 823,832.5116	N 607,433.9546 E 823,779.6935	N 607,491.3840 E 823,869.6916	10001 PG 023
PI-N-38	200'	110.04'	56.45'	31°31'27.00"	N 607,533.3504 E 823,907.4484	N 607,491.3840 E 823,869.6916	N 607,549.3820 E 823,961.5755	10001 PG 023
PI-N-39	175'	116.83'	60.68'	38°14'57.29"	N 607,583.0877 E 824,075.3756	N 607,565.8543 E 824,017.1906	N 607,560.6002 E 824,131.7386	10001 PG 023
PI-N-40	100'	66.88'	34.73'	38°10'36.23"	N 607,547.7285 E 824,164.0004	N 607,560.6002 E 824,131.7386	N 607,557.5506 E 824,197.3176	10001 PG 023
PI-N-41	300'	69.22'	34.77'	13°13'13.94"	N 607,755.3247 E 824,868.1765	N 607,745.4939 E 824,834.8297	N 607,757.2687 E 824,902.8878	10001 PG 024
PI-N-42	300'	74.39'	37.38'	14°12'24.22"	N 607,759.3590 E 824,940.2141	N 607,757.2687 E 824,902.8878	N 607,770.5462 E 824,975.8859	10001 PG 024
PI-N-43	400'	22.66'	11.34'	3°14'46.97"	N 607,846.8887 E 825,219.3150	N 607,843.4967 E 825,208.4994	N 607,850.8876 E 825,229.9212	10001 PG 025
PI-N-44	200'	82.78'	41.99'	23°42'51.95"	N 607,939.8059 E 825,465.7534	N 607,924.9918 E 825,426.4628	N 607,937.5674 E 825,507.6844	10001 PG 025
PI-N-45	200'	86.53'	43.95'	24°47'18.47"	N 607,935.2243 E 825,551.5736	N 607,937.5674 E 825,507.6844	N 607,951.4984 E 825,592.4014	10001 PG 025
PI-N-46	200'	73.16'	36.99'	20°57'30.04"	N 607,986.8011 E 825,680.9666	N 607,973.1037 E 825,646.6034	N 608,011.8836 E 825,708.1571	10001 PG 025
PI-N-47	202'	15.79'	7.90'	4°28'43.39"	N 608,017.2395 E 825,713.9630	N 608,011.8836 E 825,708.1571	N 608,022.1256 E 825,720.1695	10001 PG 025
PI-N-48	202'	23.44'	11.73'	6°38'53.31"	N 608,029.3830 E 825,729.3879	N 608,022.1256 E 825,720.1695	N 608,037.6588 E 825,737.7042	10001 PG 025
PI-N-49	200'	75.97'	38.45'	21°45'50.91"	N 608,064.7800 E 825,764.9580	N 608,037.6588 E 825,737.7042	N 608,079.8626 E 825,800.3253	10001 PG 025

VAULT CURVE DATA TABLE								
CURVE NO.	RADIUS	CURVE LENGTH	TANGENT LENGTH	DEFLECTION ANGLE	POINT OF INTERSECTION	POINT OF CURVATURE	POINT OF TANGENCY	SHEET REFERENCE
PI-N7505-1	202'	13.21'	6.61'	3° 44' 51.03"	N 605,873.6598 E 817,882.4431	N 605,876.1495 E 817,876.3216	N 605,870.7753 E 817,888.3887	10001 PG 013
PI-N7505-2	202'	32.32'	16.20'	9° 10' 07.15"	N 605,820.5708 E 817,996.9190	N 605,827.3710 E 817,982.2187	N 605,811.5152 E 818,010.3480	10001 PG 013
PI-N7506-1	202'	116.38'	59.86'	33° 00' 40.67"	N 605,785.3854 E 819,588.4885	N 605,746.2940 E 819,543.1597	N 605,793.4708 E 819,647.7967	10001 PG 016
PI-N7507-1	200'	40.17'	20.15'	11° 30' 26.07"	N 606,434.2274 E 820,759.2171	N 606,427.4395 E 820,740.2430	N 606,437.0937 E 820,779.1639	10001 PG 018
PI-N7507-2	198'	39.77'	19.95'	11° 30' 26.07"	N 606,439.9313 E 820,798.9112	N 606,437.0937 E 820,779.1639	N 606,446.6513 E 820,817.6955	10001 PG 018
PI-N7507-3	198'	30.94'	15.50'	8° 57' 12.91"	N 606,462.6991 E 820,862.5536	N 606,457.4773 E 820,847.9573	N 606,470.1289 E 820,876.1593	10001 PG 018
PI-N7507-4	200'	26.85'	13.45'	7° 41' 31.37"	N 606,476.5729 E 820,887.9599	N 606,470.1289 E 820,876.1593	N 606,481.3795 E 820,900.5167	10001 PG 018
PI-N7508-1	202'	107.18'	54.89'	30° 24' 06.62"	N 607,020.8488 E 822,359.2371	N 606,984.0126 E 822,318.5489	N 607,032.0292 E 822,412.9719	10001 PG 020
PI-N7508-2	200'	22.40'	11.21'	6° 25' 00.90"	N 607,034.3130 E 822,423.9482	N 607,032.0292 E 822,412.9719	N 607,037.8092 E 822,434.6005	10001 PG 020
PI-N7508-3	102'	6.98'	3.49'	3° 55' 12.07"	N 607,064.6182 E 822,516.2817	N 607,063.5296 E 822,512.9651	N 607,065.4774 E 822,519.6649	10001 PG 021
PI-N7509-1	200'	93.62'	47.69'	26° 49' 15.99"	N 607,512.3592 E 823,892.9163	N 607,479.6437 E 823,858.2231	N 607,525.9014 E 823,938.6386	10001 PG 023
PI-N7509-2	102'	67.89'	35.26'	38° 08' 06.77"	N 607,573.4782 E 824,099.2715	N 607,563.4659 E 824,065.4670	N 607,560.4786 E 824,132.0435	10001 PG 023
PI-N6410-1	202'	74.25'	37.55'	21° 03' 41.02"	N 607,938.2779 E 825,532.2274	N 607,937.8381 E 825,494.6795	N 607,952.1818 E 825,567.1089	10001 PG 025
PI-N6410-2	202'	58.10'	29.25'	16° 28' 46.65"	N 608,0			



CURVE DATA TABLE with columns: CURVE NO., RADIUS, CURVE LENGTH, TANGENT LENGTH, DEFLECTION ANGLE, POINT OF INTERSECTION, POINT OF CURVATURE, POINT OF TANGENCY, SHEET REFERENCE. Rows include curves PI-W-01 through PI-W-37.

CURVE DATA TABLE with columns: CURVE NO., RADIUS, CURVE LENGTH, TANGENT LENGTH, DEFLECTION ANGLE, POINT OF INTERSECTION, POINT OF CURVATURE, POINT OF TANGENCY, SHEET REFERENCE. Rows include curves PI-W-38 through PI-W-74.

CURVE DATA TABLE with columns: CURVE NO., RADIUS, CURVE LENGTH, TANGENT LENGTH, DEFLECTION ANGLE, POINT OF INTERSECTION, POINT OF CURVATURE, POINT OF TANGENCY, SHEET REFERENCE. Rows include curves PI-W-75 through PI-W-111.

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Project information table including date (06/15/06), designer (C. COURTRIGHT), checker (S. NEWLAND), and revision table with columns: no., date, revisions, by, chk.

Project details table including title (MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT), location (TOWN OF WESTPORT ROUTE DATA TABLES), and revision table with columns: MF, NO., DATE, REVISIONS, BY, CHK, APP, APP.

NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

TOWN OF WESTPORT ROUTE DATA TABLES

BY SEN-BMCD CHKD APP DATE DATE

SCALE AS NOTED DWG. NO. 01224-10002 PG 007



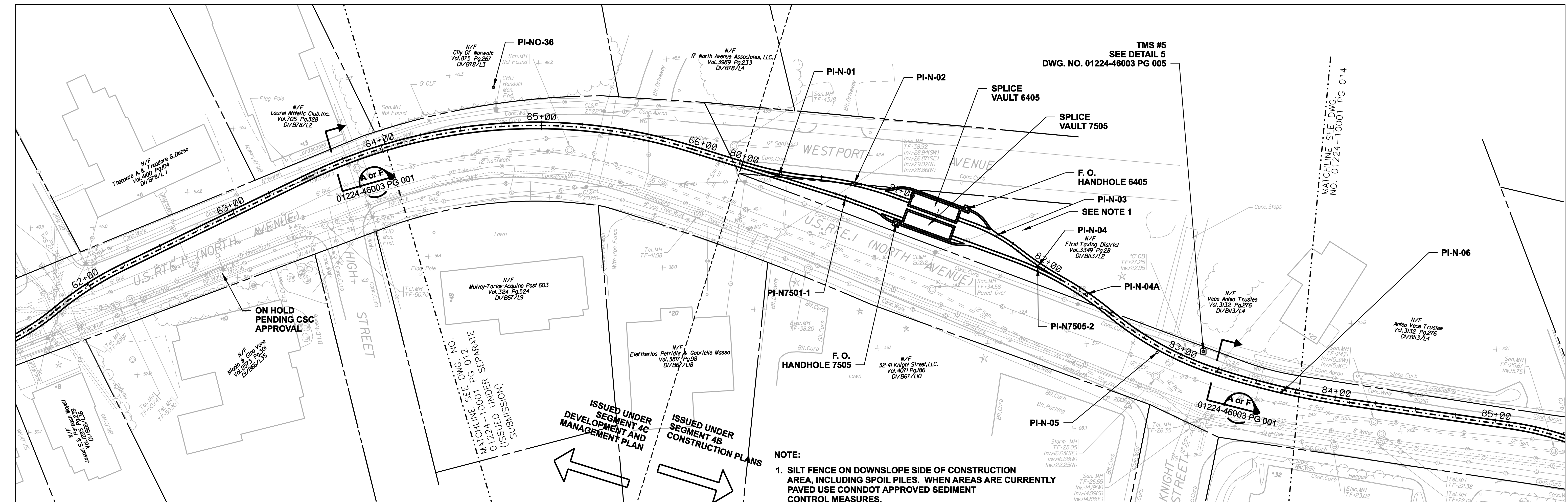
CURVE DATA TABLE								
CURVE NO.	RADIUS	CURVE LENGTH	TANGENT LENGTH	DEFLECTION ANGLE	POINT OF INTERSECTION	POINT OF CURVATURE	POINT OF TANGENCY	SHEET REFERENCE
PI-W-112	202'	18.10'	9.05'	5°07'58.82"	N 611,766.1706 E 845,392.2967	N 611,764.4203 E 845,400.9881	N 611,768.7087 E 845,400.9881	10001 PG 057
PI-W-113	200'	65.58'	33.09'	18°47'12.11"	N 611,777.9832 E 845,432.7476	N 611,768.7087 E 845,400.9881	N 611,776.5356 E 845,465.8018	10001 PG 057
PI-W-114	200'	53.19'	26.75'	15°14'14.43"	N 611,772.8810 E 845,549.2474	N 611,774.0515 E 845,522.5209	N 611,764.7275 E 845,574.7266	10001 PG 057
PI-W-115	202'	24.80'	12.42'	7°02'08.12"	N 611,760.9428 E 845,586.5536	N 611,764.7275 E 845,574.7266	N 611,758.6352 E 845,598.7551	10001 PG 057
PI-W-116	202'	68.89'	34.78'	19°32'27.03"	N 611,752.1713 E 845,632.9333	N 611,758.6352 E 845,598.7551	N 611,734.6478 E 845,662.9810	10001 PG 057
PI-W-117	200'	96.47'	49.19'	27°38'13.42"	N 611,709.8653 E 845,705.4758	N 611,734.6478 E 845,662.9810	N 611,707.6224 E 845,754.6179	10001 PG 057
PI-W-118	200'	108.58'	55.66'	31°06'18.85"	N 611,652.8308 E 846,955.1038	N 611,655.3687 E 846,899.4989	N 611,621.9317 E 847,001.4027	10001 PG 059
PI-W-119	200'	108.95'	55.86'	31°12'44.57"	N 611,590.9207 E 847,047.8692	N 611,621.9317 E 847,001.4027	N 611,588.4780 E 847,103.6801	10001 PG 059
PI-W-120	OMITTED							10001 PG 059
PI-W-121	OMITTED							10001 PG 059
PI-W-122	200'	56.73'	28.56'	16°15'04.03"	N 611,584.5150 E 847,194.2266	N 611,585.7636 E 847,165.9987	N 611,591.2998 E 847,221.9641	10001 PG 059
PI-W-123	200'	42.71'	21.44'	12°14'05.90"	N 611,596.3929 E 847,242.7859	N 611,591.2998 E 847,221.9641	N 611,596.9578 E 847,264.2140	10001 PG 059
PI-W-124	200'	41.09'	20.62'	11°46'19.23"	N 611,597.5012 E 847,284.8254	N 611,596.9578 E 847,264.2140	N 611,602.2382 E 847,304.8925	10001 PG 059
PI-W-125	200'	53.94'	27.14'	15°27'12.22"	N 611,636.1665 E 847,448.6204	N 611,629.9321 E 847,422.2103	N 611,635.1384 E 847,475.7368	10001 PG 060
PI-W-126	500'	2.52'	1.26'	0°17'21.21"	N 611,630.1492 E 847,607.3260	N 611,630.1970 E 847,606.0649	N 611,630.0950 E 847,608.5868	10001 PG 060
PI-W-127	500'	1.52'	0.76'	0°10'28.54"	N 611,609.3421 E 848,091.5357	N 611,609.3748 E 848,090.7746	N 611,609.3071 E 848,092.2967	10001 PG 061
PI-W-128	200'	1.54'	0.77'	0°26'26.85"	N 611,587.8266 E 848,559.0163	N 611,587.8619 E 848,558.2478	N 611,587.7853 E 848,559.7845	10001 PG 061
PI-W-129	200'	109.17'	55.98'	31°16'30.85"	N 611,584.7813 E 848,615.6864	N 611,587.7853 E 848,559.7845	N 611,553.1924 E 848,661.9054	10001 PG 061
PI-W-130	200'	111.16'	57.06'	31°50'42.33"	N 611,520.9974 E 848,709.0110	N 611,553.1924 E 848,661.9054	N 611,518.5026 E 848,766.0130	10001 PG 062
PI-W-131	198'	114.87'	59.10'	33°14'23.16"	N 611,512.6214 E 848,900.3874	N 611,515.2056 E 848,841.3428	N 611,542.8249 E 848,951.1880	10001 PG 062
PI-W-132	202'	108.80'	55.75'	30°51'36.30"	N 611,571.3179 E 848,999.1115	N 611,542.8249 E 848,951.1880	N 611,571.1949 E 849,054.8654	10001 PG 062
PI-W-133	OMITTED							10001 PG 062

VAULT CURVE DATA TABLE								
CURVE NO.	RADIUS	CURVE LENGTH	TANGENT LENGTH	DEFLECTION ANGLE	POINT OF INTERSECTION	POINT OF CURVATURE	POINT OF TANGENCY	SHEET REFERENCE
PI-W7519-2	OMITTED							
PI-W7519-3	202'	48.44'	34.55'	19° 24' 40.82"	N 611,407.6326 E 837,528.1124	N 611,402.9410 E 837,493.8834	N 611,400.6815 E 837,561.9550	10001 PG 045
PI-W7520-1	200'	37.47'	18.79'	10° 44'05.04"	N 611,667.6066 E 838,978.3175	N 611,664.1024 E 838,959.8565	N 611,667.6109 E 839,997.1082	10001 PG 048
PI-W7520-2	200'	37.47'	18.79'	10°44'05.04"	N 611,667.6151 E 839,015.8988	N 611,667.6109 E 839,997.1082	N 611,671.1193 E 839,034.3598	10001 PG 048
PI-W7520-3	202'	84.09'	42.66'	23° 51'03.56"	N 611,692.6620 E 839,147.8530	N 611,684.7062 E 839,105.9395	N 611,682.9902 E 839,189.4042	10001 PG 048
PI-W6421-1	200'	40.17'	20.15'	11° 30' 26.07"	N 611,864.2271 E 840,584.3814	N 611,861.3162 E 840,564.4410	N 611,871.0574 E 840,603.3402	10001 PG 050
PI-W6421-2	198'	39.77'	19.95'	11° 30' 26.07"	N 611,877.8193 E 840,622.1094	N 611,871.0574 E 840,603.3402	N 611,880.7010 E 840,641.8504	10001 PG 050
PI-W6421-3	198'	30.94'	15.50'	8° 57' 12.95"	N 611,887.5828 E 840,688.9929	N 611,885.3435 E 840,673.6532	N 611,887.4073 E 840,704.4942	10001 PG 050
PI-W6421-4	200'	26.85'	13.45'	7° 41' 31.41"	N 611,887.2552 E 840,717.9386	N 611,887.4073 E 840,731.2824	N 611,888.9039 E 840,731.2824	10001 PG 050
PI-W6421-5	300'	42.18'	21.13'	8° 03' 23.81"	N 611,897.8483 E 840,803.6719	N 611,895.2576 E 840,824.7044	N 611,897.4748 E 840,824.7956	10001 PG 050
PI-W6422-1	200'	40.07'	20.10'	11° 28' 42.03"	N 611,845.7528 E 842,065.8433	N 611,846.3004 E 842,045.7500	N 611,849.2146 E 842,085.6437	10001 PG 052
PI-W6422-2	200'	40.07'	20.10'	11° 28' 42.03"	N 611,852.6765 E 842,105.4441	N 611,849.2146 E 842,085.6437	N 611,852.1288 E 842,125.5374	10001 PG 052
PI-W6422-3	200'	37.38'	18.74'	10° 42' 28.62"	N 611,851.1687 E 842,160.7666	N 611,851.6794 E 842,142.0300	N 611,847.1857 E 842,179.0820	10001 PG 052
PI-W6422-4	202'	37.75'	18.93'	10° 42' 28.62"	N 611,843.1628 E 842,197.5805	N 611,847.1857 E 842,179.0820	N 611,842.6470 E 842,216.5044	10001 PG 052
PI-W6422-5	200'	14.15'	7.08'	4° 03' 08.05"	N 611,840.0927 E 842,310.2284	N 611,840.2855 E 842,303.1556	N 611,839.4006 E 842,317.2699	10001 PG 052
PI-W6422-6	200'	14.15'	7.08'	4° 03' 08.05"	N 611,838.7085 E 842,324.3114	N 611,839.4006 E 842,317.2699	N 611,838.5158 E 842,331.3842	10001 PG 052
PI-W7523-1	200'	88.71'	45.10'	25°24'50.16"	N 611,832.7797 E 843,768.7145	N 611,815.0139 E 843,727.2638	N 611,831.0376 E 843,813.7783	10001 PG 055
PI-W7523-2	200'	84.55'	42.92'	24° 13'22.99"	N 611,823.5833 E 843,950.8001	N 611,827.3930 E 843,908.0512	N 611,802.5695 E 843,988.2221	10001 PG 055
PI-W7524-1	202'	48.14'	24.18'	13° 39' 13.29"	N 611,769.0951 E 845,407.1400	N 611,764.4203 E 845,383.4131	N 611,768.0370 E 845,431.2999	10001 PG 057
PI-W7524-2	202'	28.92'	14.48'	8° 12' 06.30"	N 611,761.3265 E 845,584.5247	N 611,761.9601 E 845,570.0560	N 611,758.6352 E 845,598.7551	10001 PG 057
PI-W6425-1	100'	37.18'	18.81'	21° 18' 12.80"	N 611,606.5900 E 847,032.9051	N 611,614.1828 E 847,015.6977	N 611,605.7676 E 847,051.6951	10001 PG 059
PI-W6426-1	202'	102.04'	52.13'	28° 56' 34.56"	N 611,531.4943 E 848,697.8758	N 611,558.6944 E 848,653.4006	N 611,529.2147 E 848,749.9594	10001 PG 062
PI-W6426-2	152'	109.33'	57.15'	41° 12'39.30"	N 611,521.7081 E 848,921.4724	N 611,524.2070 E 848,864.3775	N 611,557.4442 E 848,966.0707	10001 PG 062
PI-W6426-3	148'	100.30'	52.16'	38° 49'52.44"	N 611,590.0630 E 848,006.7786	N 611,557.4442 E 848,966.0707	N 611,589.9479 E 849,058.9428	10001 PG 062
PI-W6426-4	198'	66.50'	33.57'	19° 14'39.26"	N 611,589.6498 E 849,194.0868	N 611,589.7239 E 849,160.5190	N 611,578.5161 E 849,225.7544	10001 PG 062
PI-W6426-5	202'	40.90'	20.52'	11° 36'04.29"	N 611,571.7099 E 849,245.1134	N 611,571.7099 E 849,225.7544	N 611,568.9358 E 849,265.4455	10001 PG 062

VAULT LOCATION TABLE	
VAULT #	CENTER OF VAULT
6411	N 608,741.8511 E 827,137.8849
7511	N 608,715.5898 E 827,111.9940
6412	N 609,942.0868 E 828,235.6312
7512	N 609,908.5345 E 828,220.3263
6413	N 611,140.8403 E 829,226.4282
7513	N 611,135.2817 E 829,247.3012
6414	N 611,367.9643 E 830,598.2349
7514	N 611,353.1303 E 830,592.1991
6415	N 611,493.2779 E 840,704.4942
7515	N 611,479.3300 E 842,220.7932
6416	N 612,739.4166 E 832,862.9137
7516	N 612,745.3514 E 832,745.7044
6417	N 612,395.0470 E 834,352.9994
7517	N 612,378.0691 E 834,385.7369
6418	N 611,997.7931 E 835,915.1046
7518	N 611,970.4213 E 835,956.9387
6419	N 611,403.4384 E 837,431.2357
7519	N 611,400.4011 E 837,467.9885
6420	N 611,678.8918 E 839,023.1334
7520	N 611,680.6929 E 839,079.4342
6421	N 611,891.0998 E 840,757.2089
7521	N 611,876.0956 E 840,658.7626
6422	N 611,840.5849 E 842,255.4627
7522	N 611,844.6955 E 842,141.3407
6423	N 611,836.7829 E 843,846.3680
7523	N 611,829.3967 E 843,882.1092
6424	N 611,774.4150 E 845,491.3661
7524	N 611,764.8476 E 845,526.9816
6425	N 611,599.3130 E 847,176.3013
7525	N 611,592.8947 E 847,139.9860
6426	N 611,524.7830 E 848,828.3471
7526	N 611,518.3648 E 848,792.0318

HANDHOLE LOCATION TABLE	
HANDHOLE #	CENTER OF HANDHOLE
6411	N 608,756.7844 E 827,137.8849
7511	N 608,700.6565 E 827,099.0230
6412	N 609,942.0868 E 828,242.6890
7512	N 609,890.0565 E 828,213.2685
6413	N 611,140.5008 E 829,226.6511
7513	N 611,135.6212 E 829,267.0783
6414	N 611,366.7516 E 830,617.9777
7514	N 611,354.3430 E 830,572.4563
6415	N 611,479.1743 E 832,199.0855
7515	N 611,483.8444 E 832,240.0511
6416	N 612,742.6837 E 832,882.4220
7516	N 612,745.3514 E 832,761.9314
6417	N 612,405.2425 E 834,336.0494
7517	N 612,367.8736 E 834,402.6868
6418	N 612,010.9324 E 835,915.1192
7518	N 611,957.2819 E 835,971.7241
6419	N 611,406.3073 E 837,411.6648
7519	N 611,397.5321 E 837,467.9885
6420	N 611,680.7521 E 839,023.1334
7520	N 611,678.8326 E 839,099.1265
6421	N 611,894.2284 E 840,737.6779
7521	N 611,873.3978 E 840,678.3578
6422	N 611,846.6005 E 842,236.6196
7522	N 611,839.7152 E 842,122.1979
6423	N 611,843.0128 E 843,827.5946
7523	N 611,823.1668 E 843,900.8825
6424	N 611,780.7411 E 845,472.6250
7524	N 611,758.5215 E 845,526.9816
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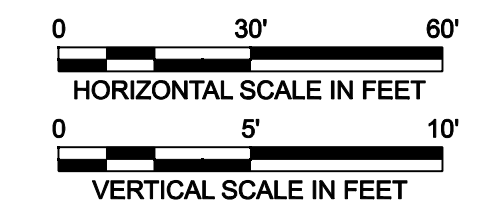
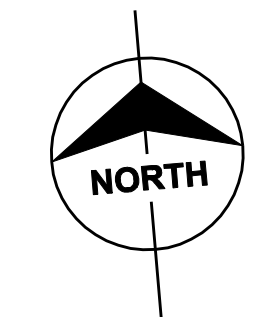
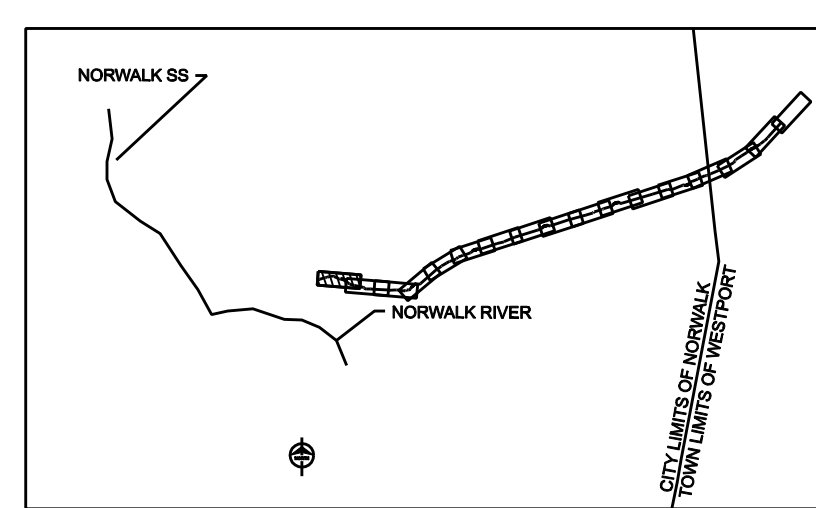
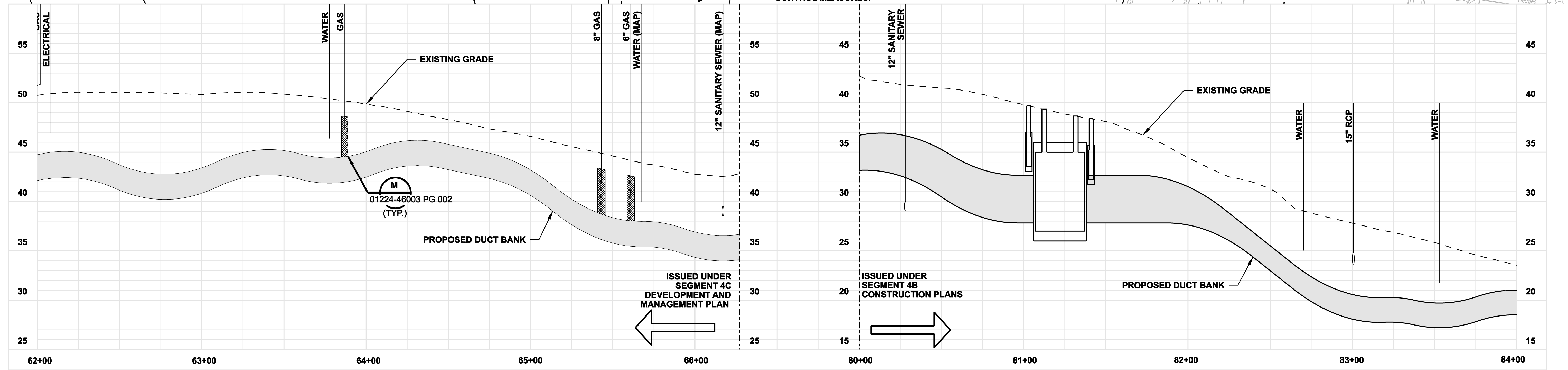
TMS #5  
SEE DETAIL 5  
DWG. NO. 01224-46003 PG 005

ON HOLD  
PENDING CSC  
APPROVAL

ISSUED UNDER  
SEGMENT 4C  
DEVELOPMENT AND  
MANAGEMENT PLAN

ISSUED UNDER  
SEGMENT 4B  
CONSTRUCTION PLANS

NOTE:  
1. SILT FENCE ON DOWNSLOPE SIDE OF CONSTRUCTION  
AREA, INCLUDING SPOIL PILES. WHEN AREAS ARE CURRENTLY  
PAVED USE CONDOT APPROVED SEDIMENT  
CONTROL MEASURES.



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CONSTRUCTION

DOCKET No. 272

no.	date	revisions	by	chk
1	5/10/07	ISSUED CSC REVISED		CTC



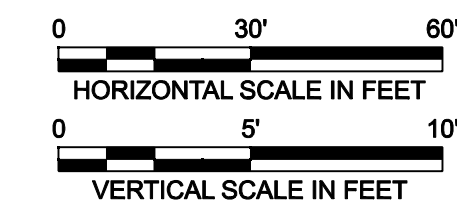
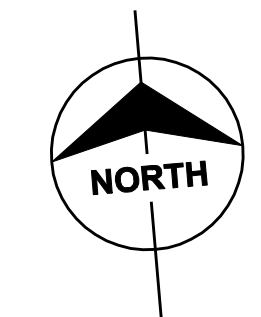
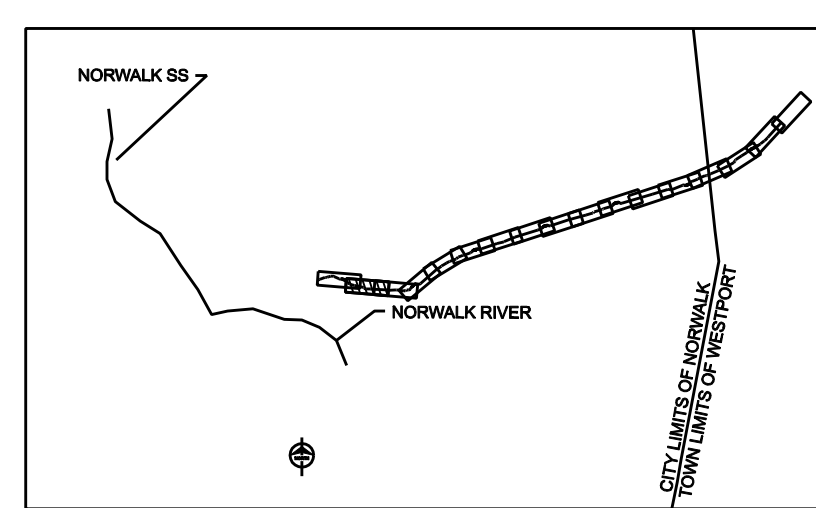
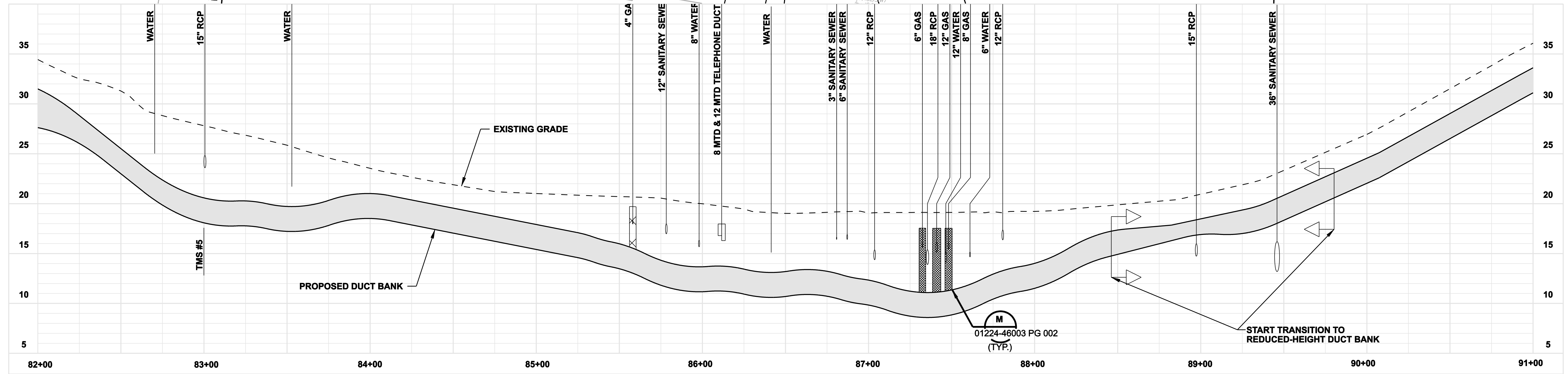
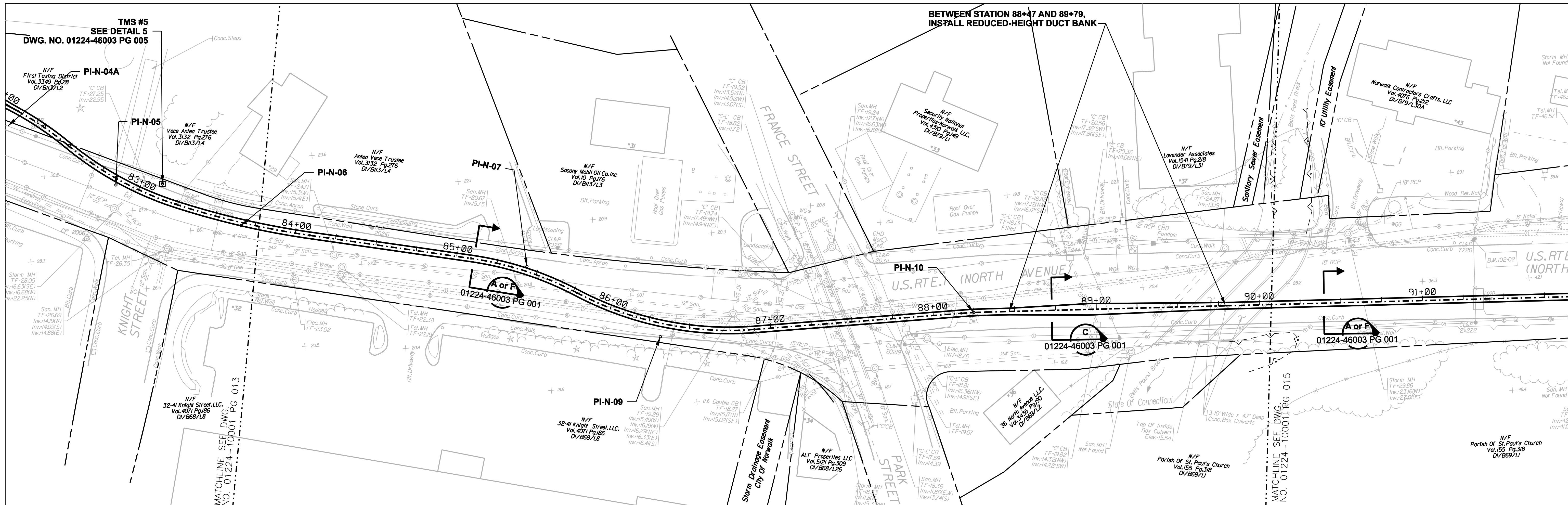
date: 11/10/05  
designed: C. COURTRIGHT  
detailed: L. ROWSE  
checked: S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE: MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
CITY OF NORWALK PLAN AND PROFILE Sta. 62+00 to 84+00			
BY SEN-BMCD	CHKD	APP	APP
DATE 11-10-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 013	

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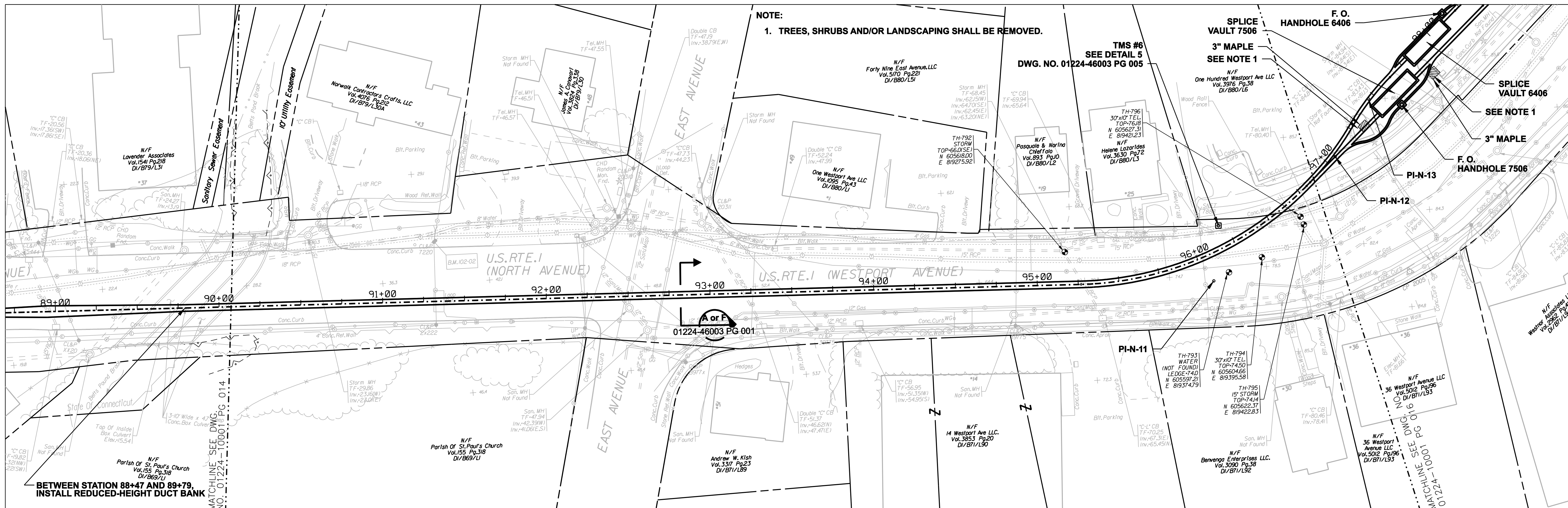
date 11/10/05  
designed C. COURTRIGHT  
detailed L. ROWSE  
checked S. NEWLAND

no.	date	revisions	by	chk
1	5/10/07	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 NORWALK PLAN AND PROFILE Sta. 82+00 to 91+00			
BY SEN-BMCD	CHKD	APP	APP
DATE 11-10-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 014	





**NOTE:**  
1. TREES, SHRUBS AND/OR LANDSCAPING SHALL BE REMOVED.

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SEE DETAIL 5  
**DWG. NO. 01224-46003 PG 005**

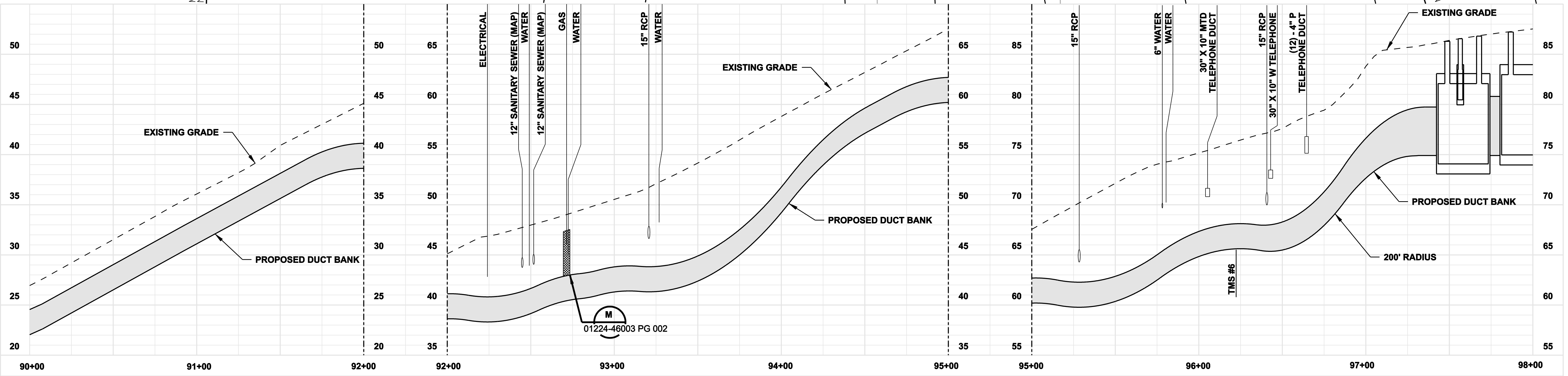
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**3\"/>**

**SPLICE VAULT 6406**  
**SEE NOTE 1**  
**3\"/>**

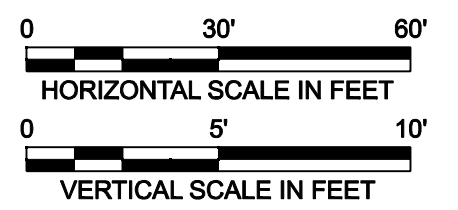
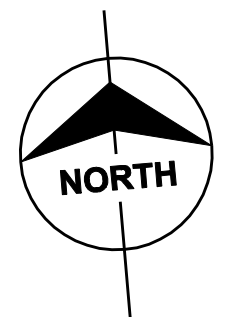
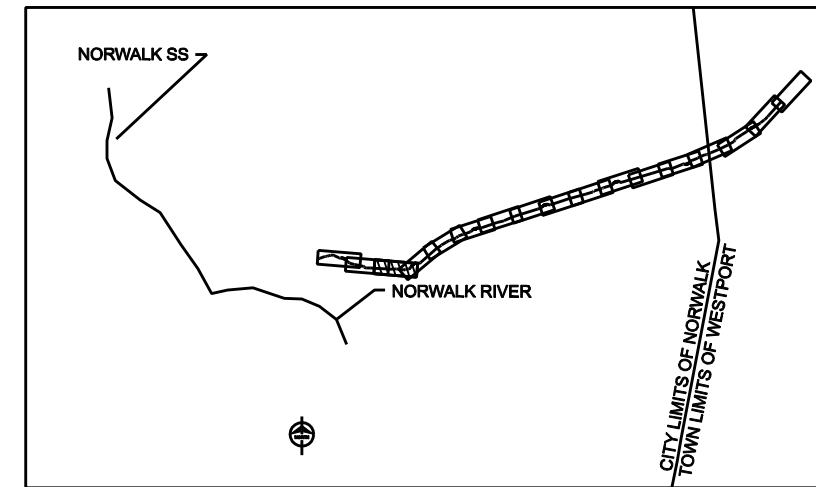
**BETWEEN STATION 88+47 AND 89+79,**  
**INSTALL REDUCED-HEIGHT DUCT BANK**

**MATCHLINE SEE DWG. NO. 01224-1000 PG 014**

**MATCHLINE SEE DWG. NO. 01224-1001 PG 015**



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DOCKET No. 272

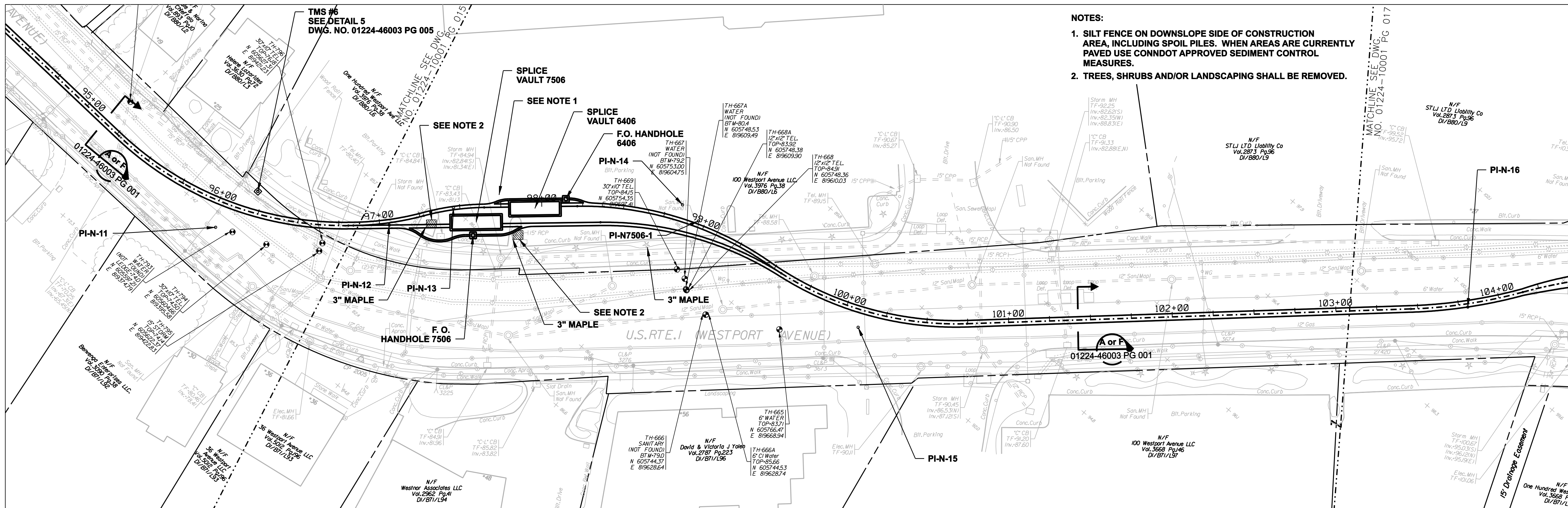


date 11/10/05  
designed C. COURTRIGHT  
detailed L. ROWSE  
checked S. NEWLAND

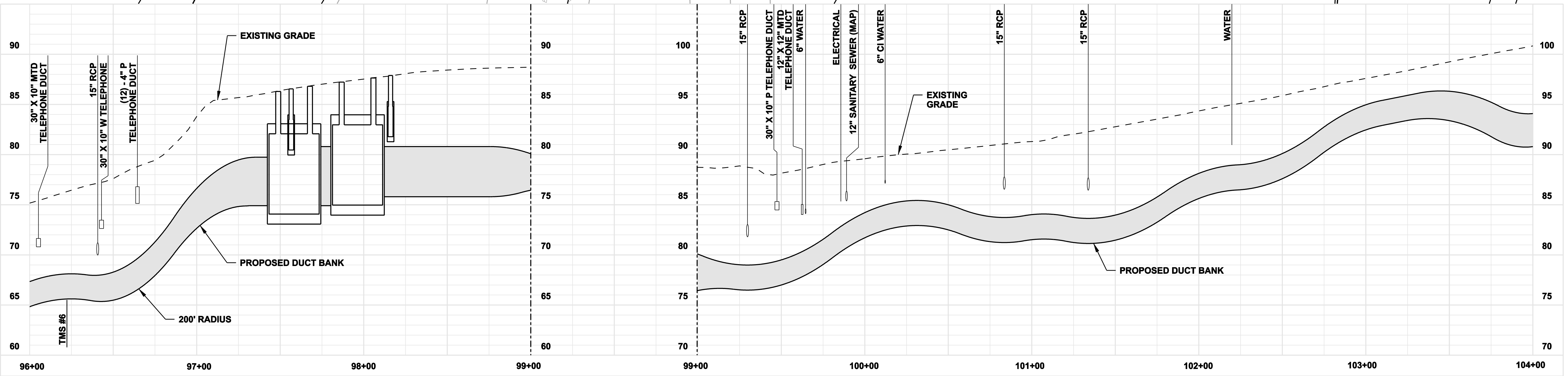
no.	date	revisions	by	chk
1	5/10/07	ISSUED CSC REVISED	CTC	

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

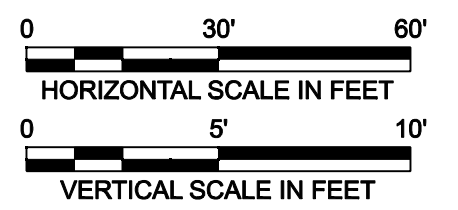
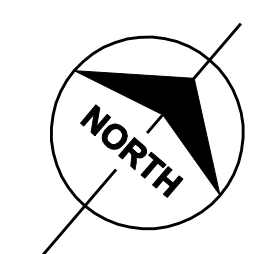
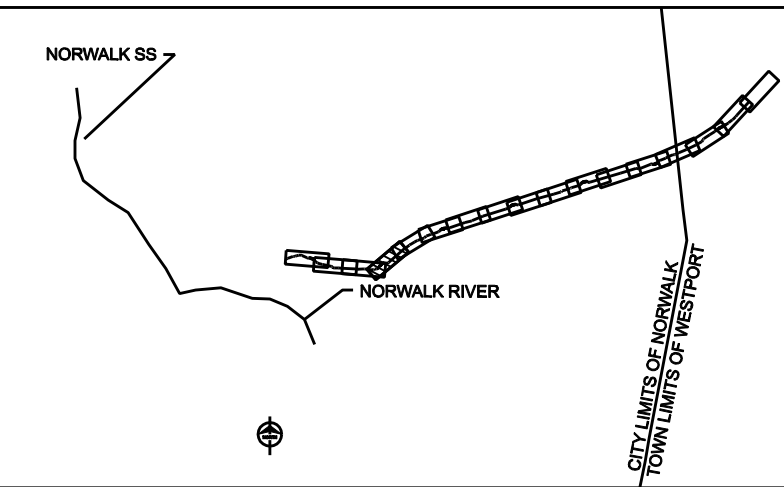
NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
CITY OF NORWALK PLAN AND PROFILE Sta. 90+00 to 98+00			
BY SEN-BMCD	CHKD	APP	APP
DATE 11-10-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO. 01224-10001 PG 015		



- NOTES:**
1. SILT FENCE ON DOWNSLOPE SIDE OF CONSTRUCTION AREA, INCLUDING SPOIL PILES. WHEN AREAS ARE CURRENTLY PAVED USE CONNDOT APPROVED SEDIMENT CONTROL MEASURES.
  2. TREES, SHRUBS AND/OR LANDSCAPING SHALL BE REMOVED.



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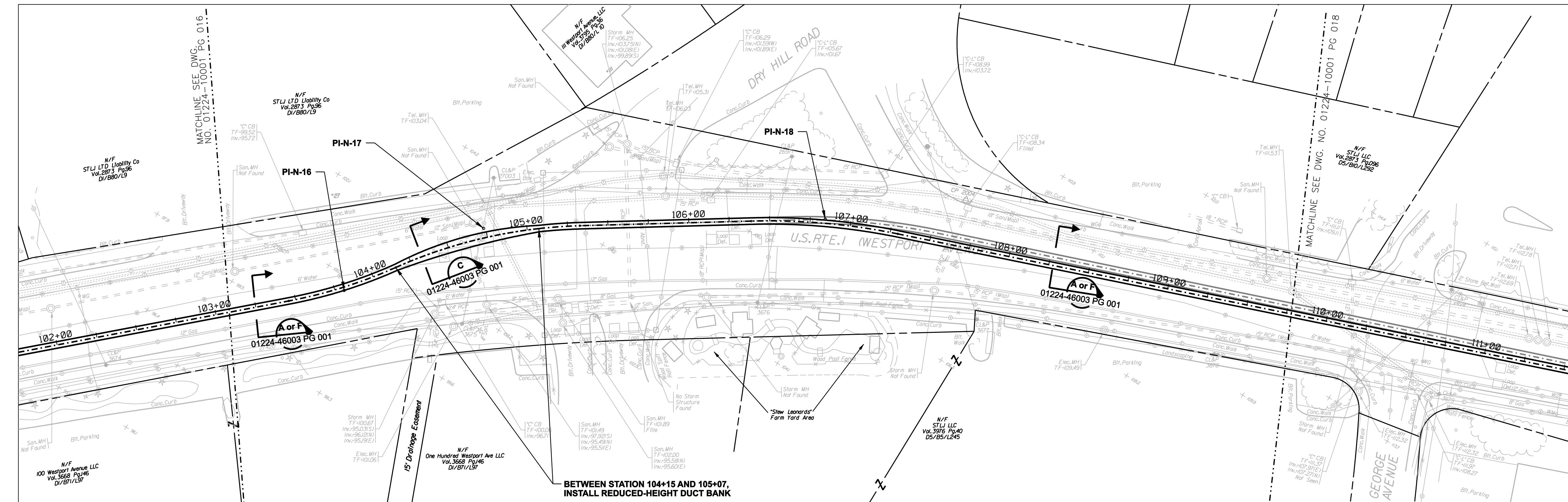
date 11/10/05  
designed C. COURTRIGHT  
detailed L. ROWSE  
checked S. NEWLAND

no.	date	revisions	by	chk
1	5/10/07	ISSUED CSC REVISED		CTC

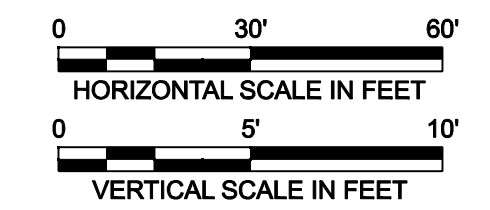
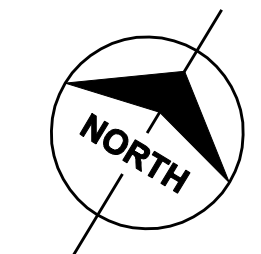
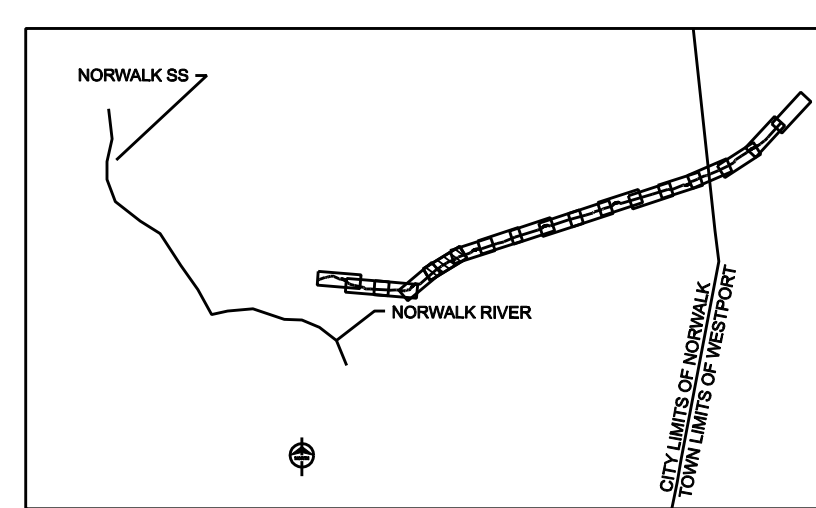
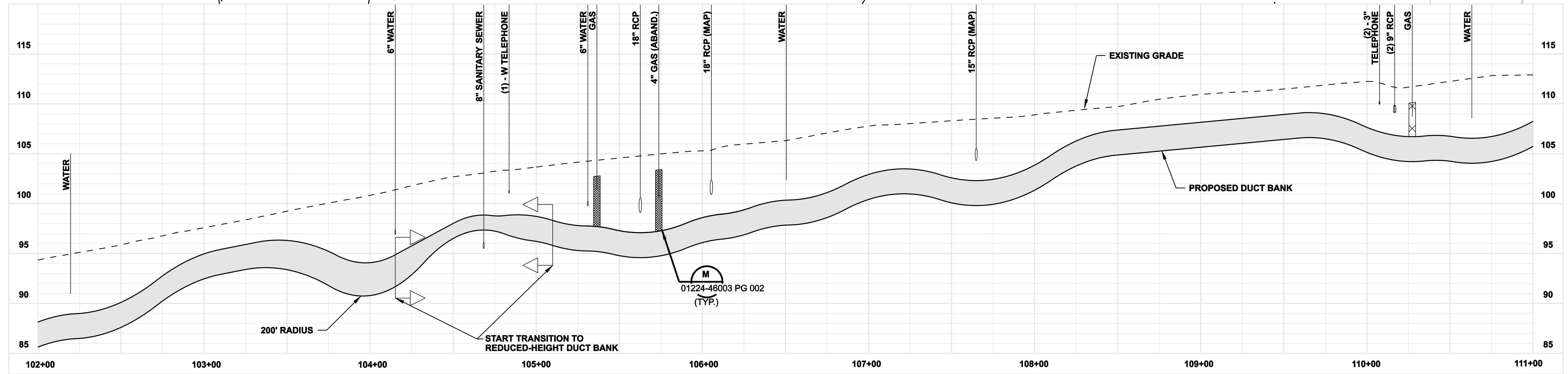
MF NO.	DATE	REVISIONS	BY	CHK	APP	APP

<b>NORTHEAST UTILITIES SERVICE CO.</b>			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
CITY OF NORWALK PLAN AND PROFILE Sta. 96+00 to 104+00			
BY SEN-BMCD	CHKD	APP	APP
DATE 11-10-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO. 01224-10001 PG 016		





**BETWEEN STATION 104+15 AND 105+07,  
INSTALL REDUCED-HEIGHT DUCT BANK**



**ISSUED FOR  
CONSTRUCTION**

DOCKET No. 272



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

no.	date	revisions	by	chk
1	5/10/07	ISSUED CSC REVISED	CTC	

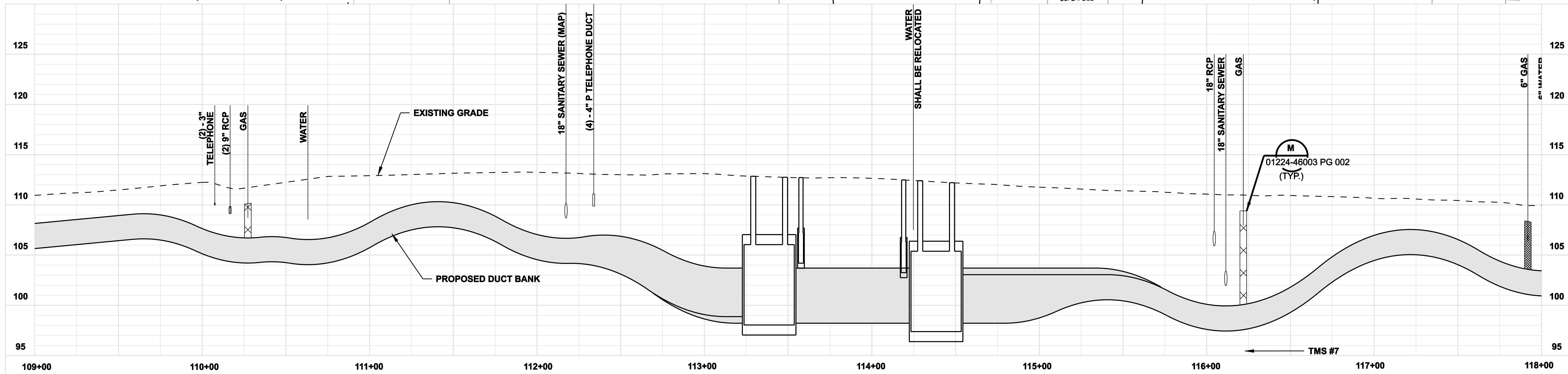
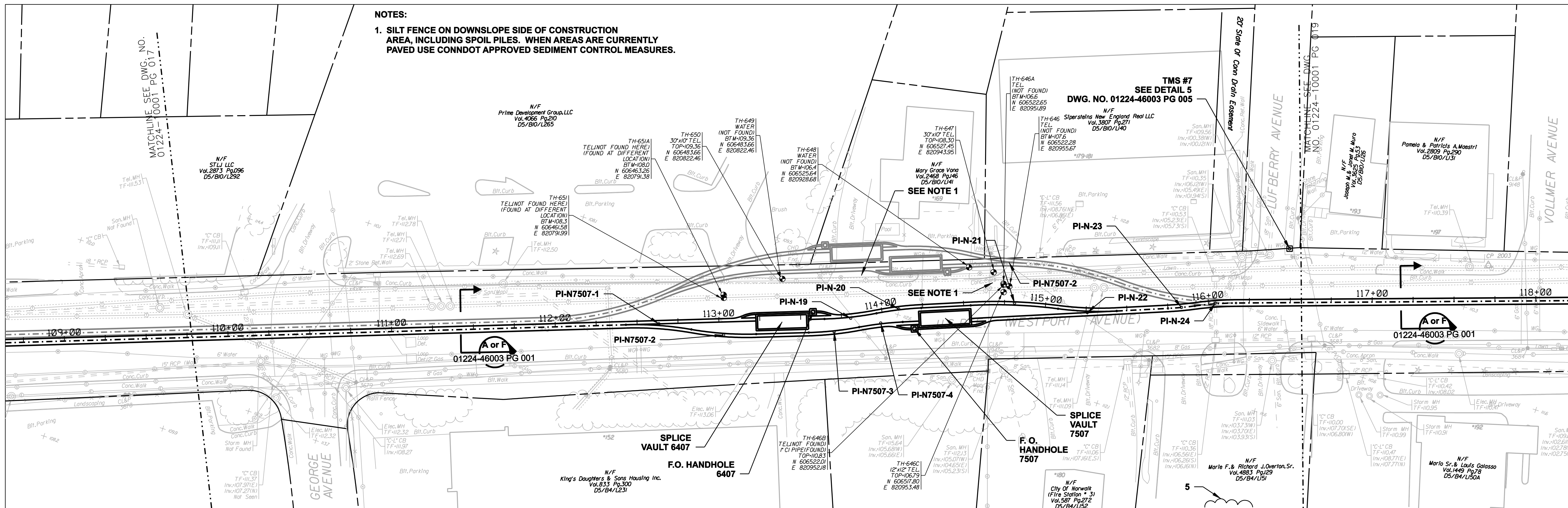
MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

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FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
CITY OF NORWALK PLAN AND PROFILE Sta. 102+00 to 111+00			
BY SEN-BMCD	CHKD	APP	APP
DATE 11-10-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO. 01224-10001 PG 017		

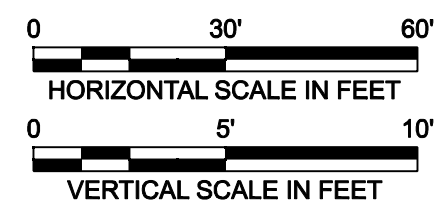
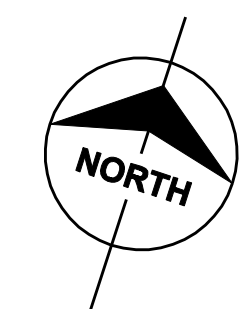
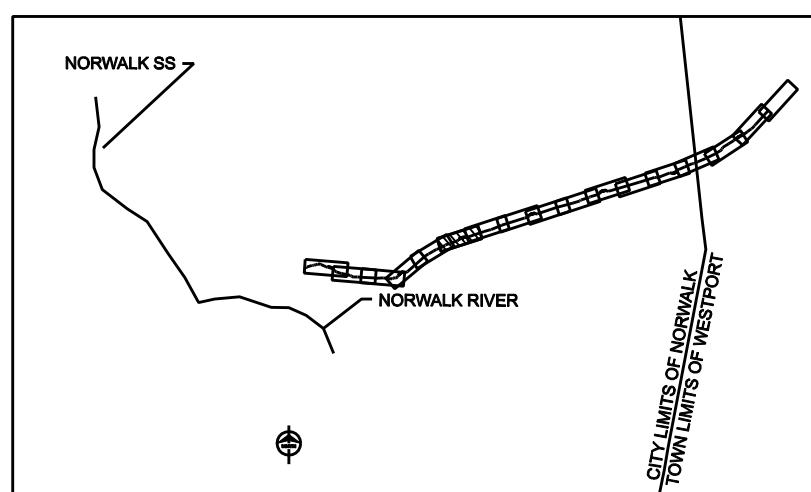
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**NOTES:**

- SILT FENCE ON DOWNSLOPE SIDE OF CONSTRUCTION AREA, INCLUDING SPOIL PILES. WHEN AREAS ARE CURRENTLY PAVED USE CONDOT APPROVED SEDIMENT CONTROL MEASURES.**



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checked S. NEWLAND

no.	date	revisions	by	chk
1	5/10/07	ISSUED CSC REVISED	CTC	

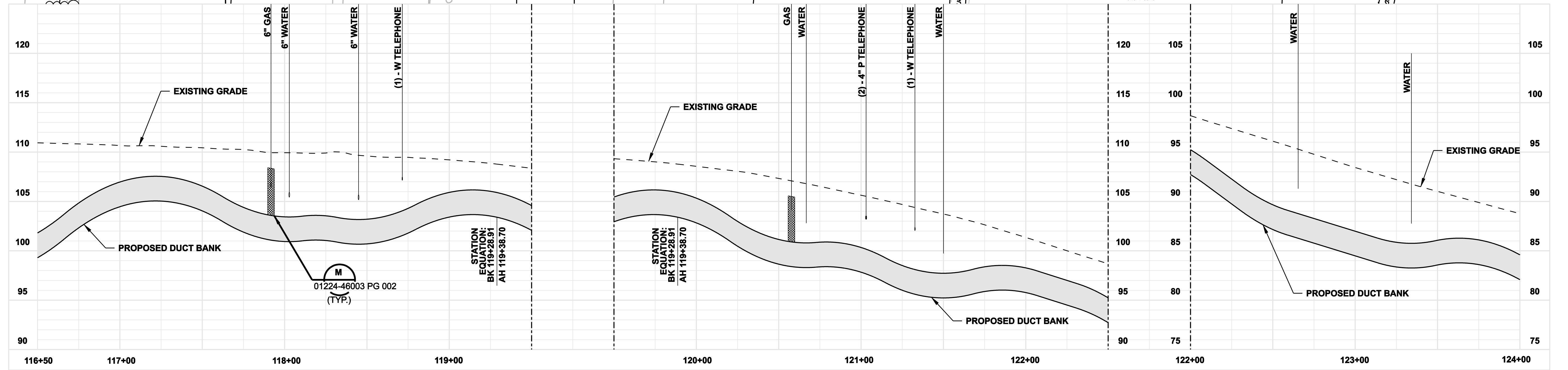
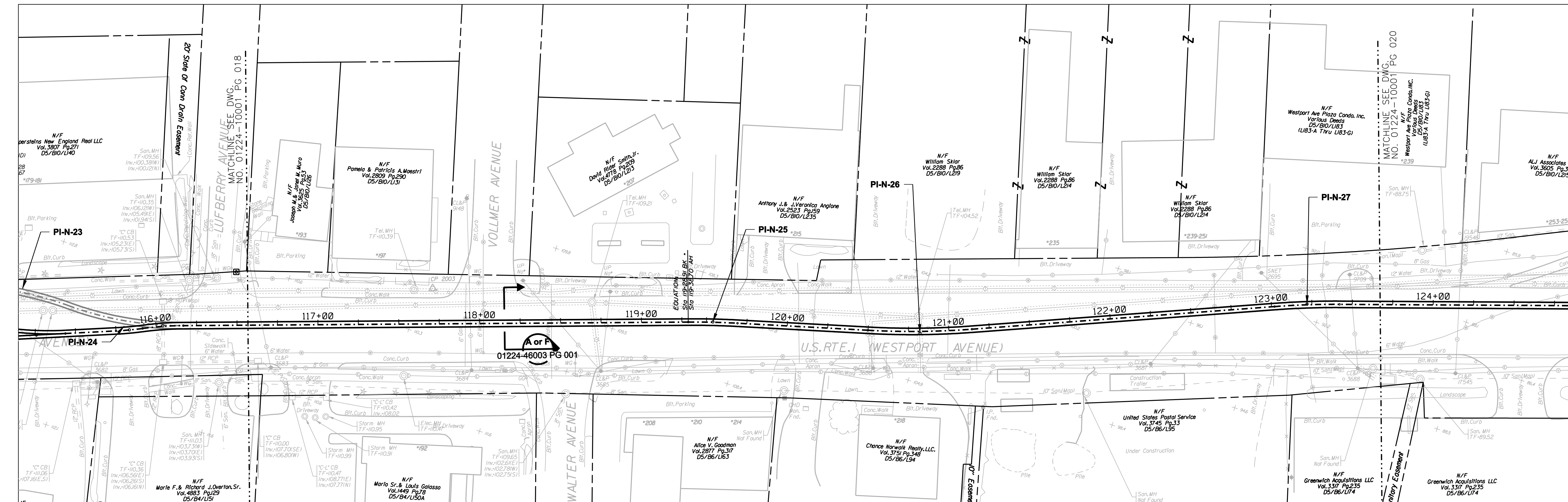
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NORTHEAST UTILITIES SERVICE CO.

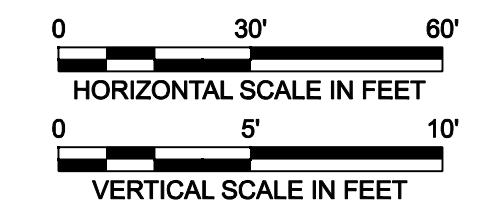
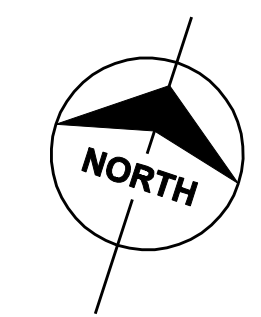
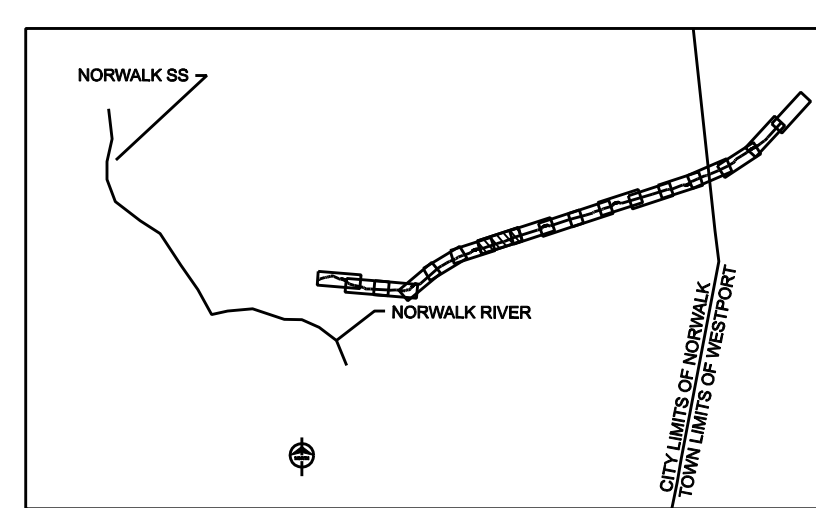
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TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT  
CITY OF NORWALK  
PLAN AND PROFILE Sta. 109+00 to 118+00

BY	SEN-BMCD	CHKD	APP	APP
DATE	11-10-05	DATE	DATE	DATE
SCALE	AS NOTED	DWG. NO.	01224-10001 PG 018	






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**Burns & McDonnell**  
SINCE 1898

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

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

**NORTHEAST UTILITIES SERVICE CO.**

FOR THE CONNECTICUT LIGHT & POWER COMPANY

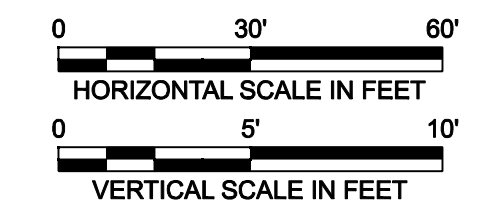
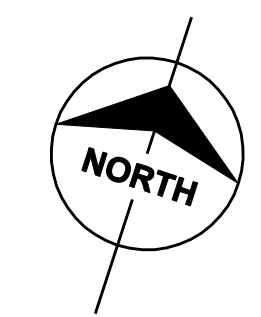
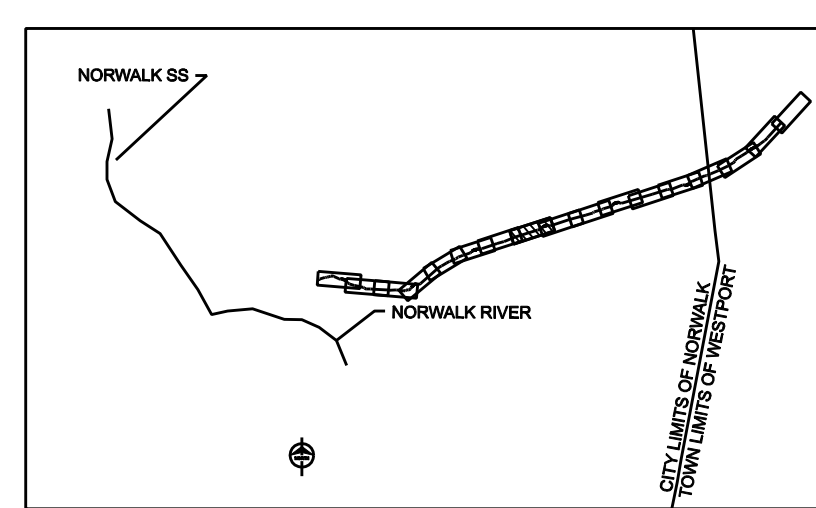
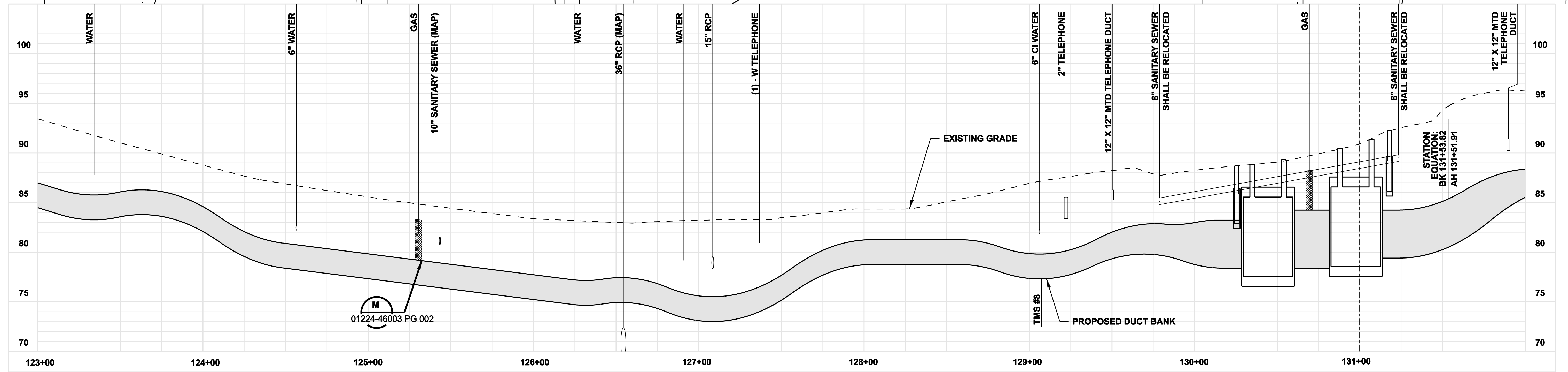
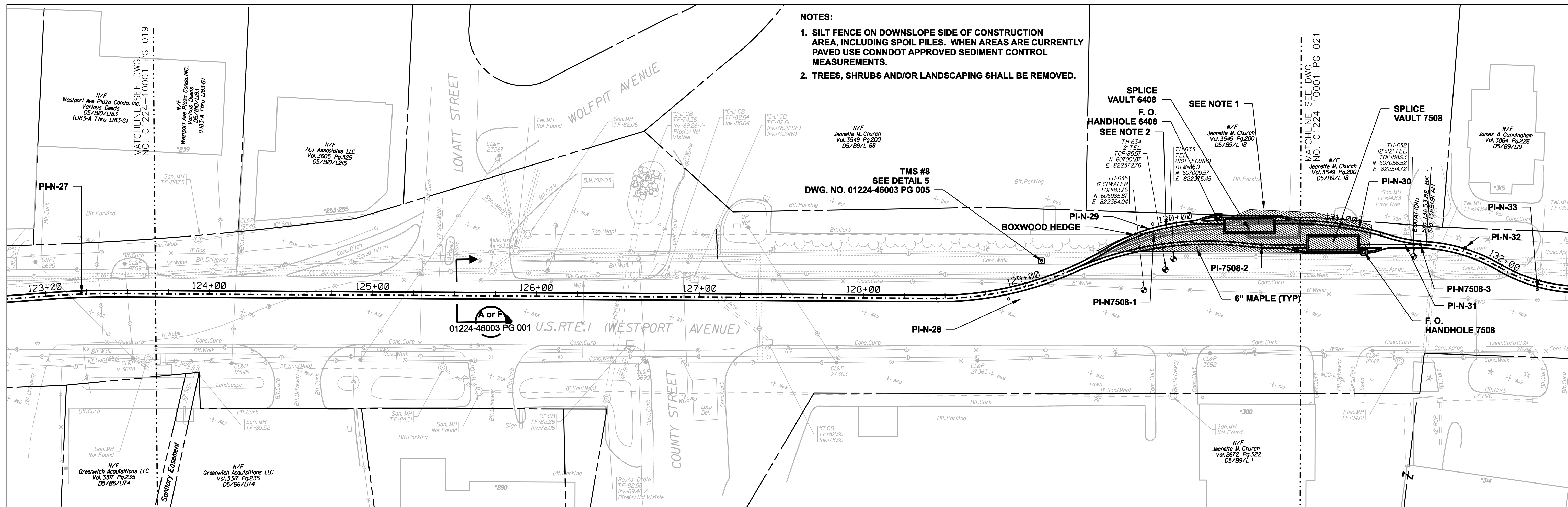
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

CITY OF NORWALK **5**

PLAN AND PROFILE Sta. 116+50 to 124+00

BY SEN-BMCD	CHKD	APP	APP
DATE 11-10-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO.	01224-10001 PG 019

- NOTES:**
1. SILT FENCE ON DOWNSLOPE SIDE OF CONSTRUCTION AREA, INCLUDING SPOIL FILES. WHEN AREAS ARE CURRENTLY PAVED USE CONNDOT APPROVED SEDIMENT CONTROL MEASUREMENTS.
  2. TREES, SHRUBS AND/OR LANDSCAPING SHALL BE REMOVED.



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DOCKET No. 272



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

no.	date	revisions	by	chk
1	5/10/07	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 NORWALK  
 PLAN AND PROFILE Sta. 123+00 to 131+00

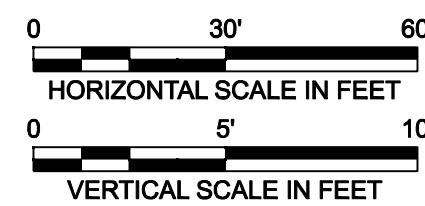
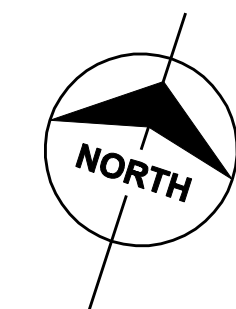
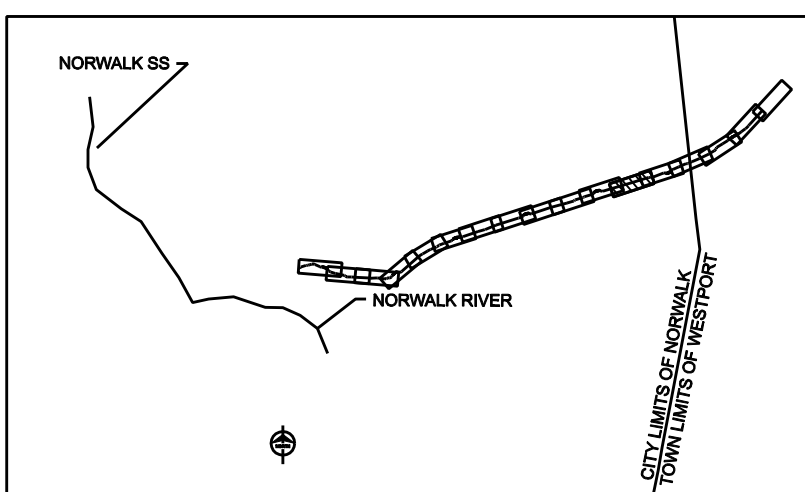
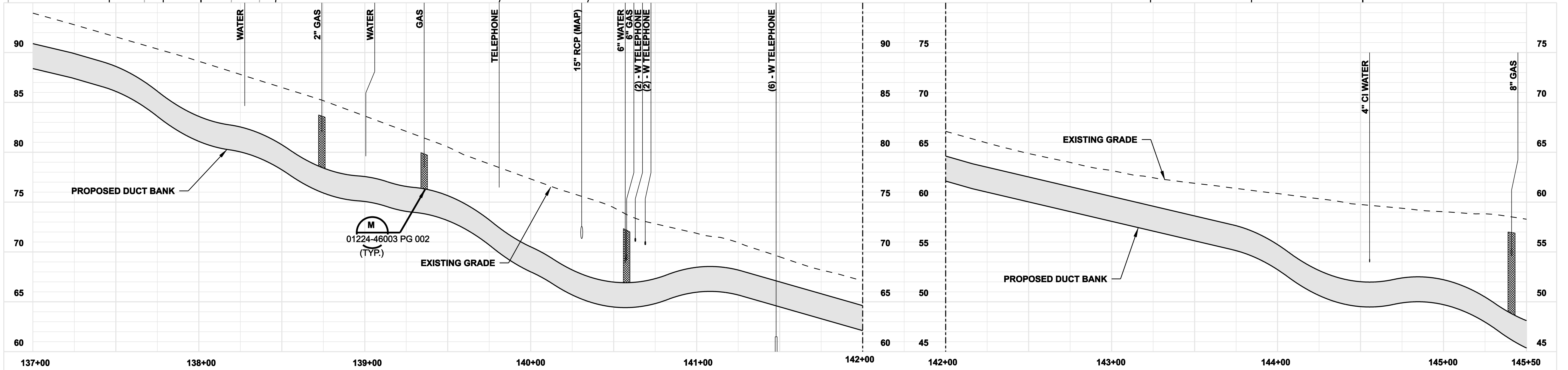
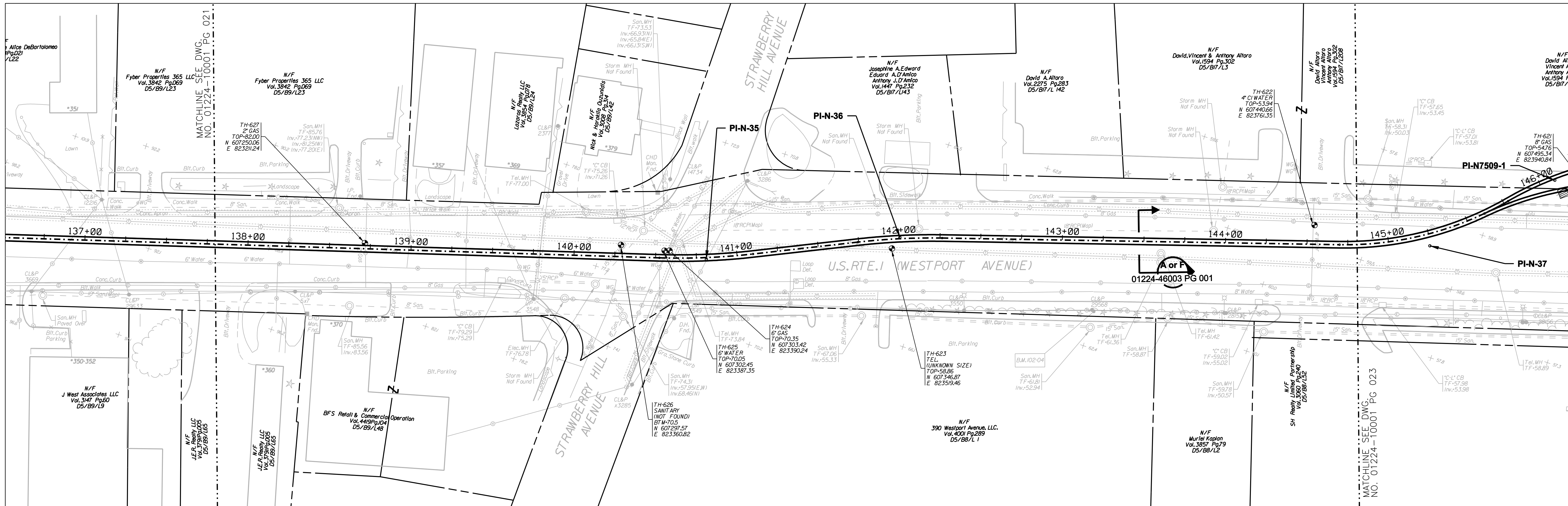
BY SEN-BMCD CHKD APP APP  
 DATE 11-10-05 DATE DATE DATE  
 SCALE AS NOTED DWG. NO. 01224-10001 PG 020

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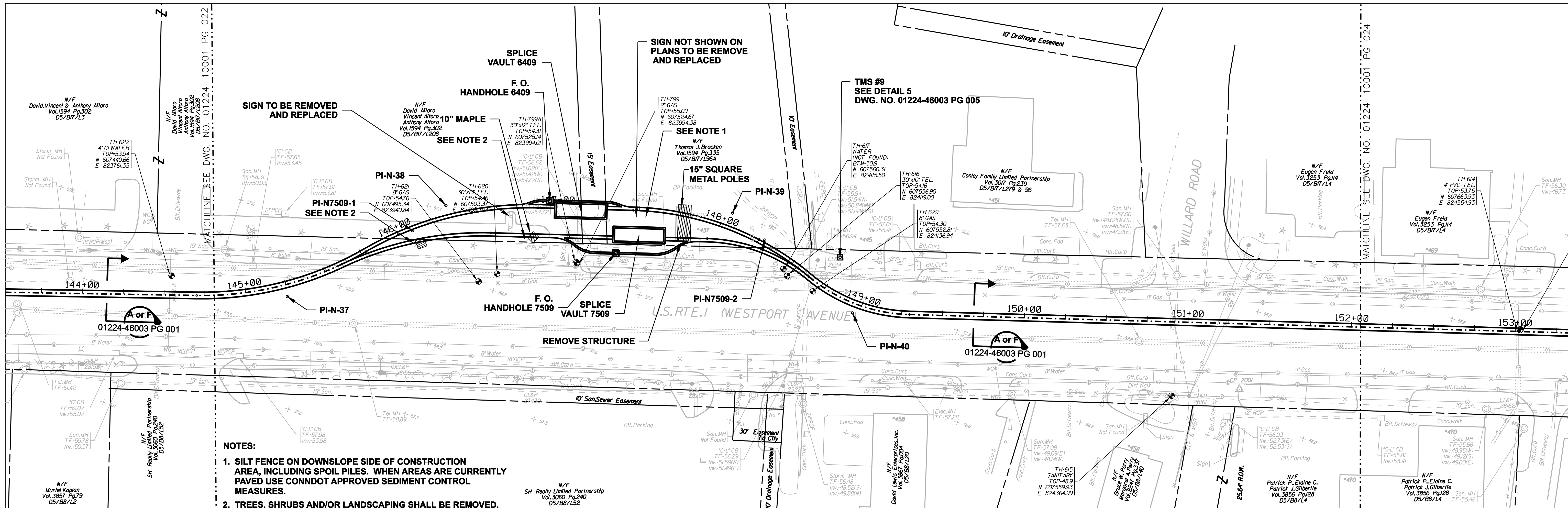
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designed C. COURTRIGHT checked S. NEWLAND

no.	date	revisions	by	chk
1	5/10/07	ISSUED CSC REVISED	CTC	

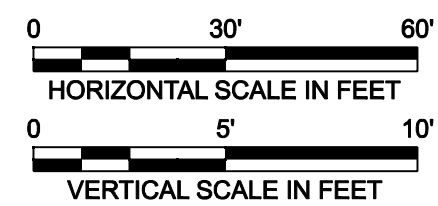
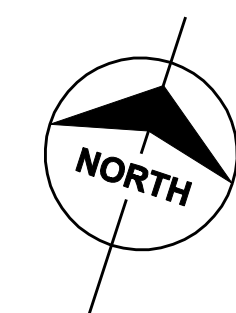
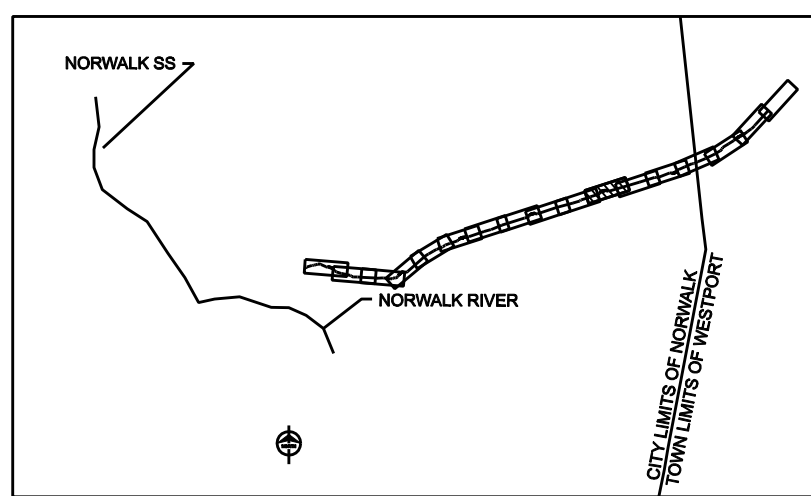
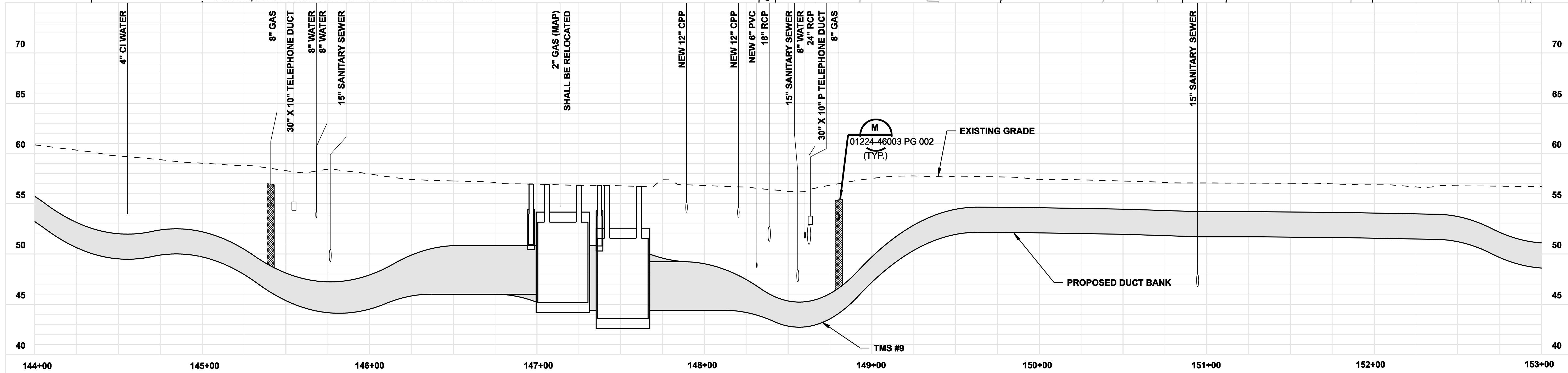
MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
CITY OF NORWALK PLAN AND PROFILE Sta. 137+00 to 145+50			
BY SEN-BMCD	CHKD	APP	APP
DATE 11-10-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO.		
	D		01224-10001 PG 022





- NOTES:**
1. SILT FENCE ON DOWNSLOPE SIDE OF CONSTRUCTION AREA, INCLUDING SPOIL PILES. WHEN AREAS ARE CURRENTLY PAVED USE CONDOT APPROVED SEDIMENT CONTROL MEASURES.
  2. TREES, SHRUBS AND/OR LANDSCAPING SHALL BE REMOVED.



**ISSUED FOR  
CONSTRUCTION**

DOCKET No. 272

no.	date	revisions	by	chk
1	5/10/07	ISSUED CSC REVISED		CTC



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

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

CITY OF NORWALK  
PLAN AND PROFILE Sta. 144+00 to 153+00

BY	SEN-BMCD	CHKD	APP	APP
DATE	11-10-05	DATE	DATE	DATE
SCALE	AS NOTED	DWG. NO.	01224-10001 PG 023	