

LOCATION MAP

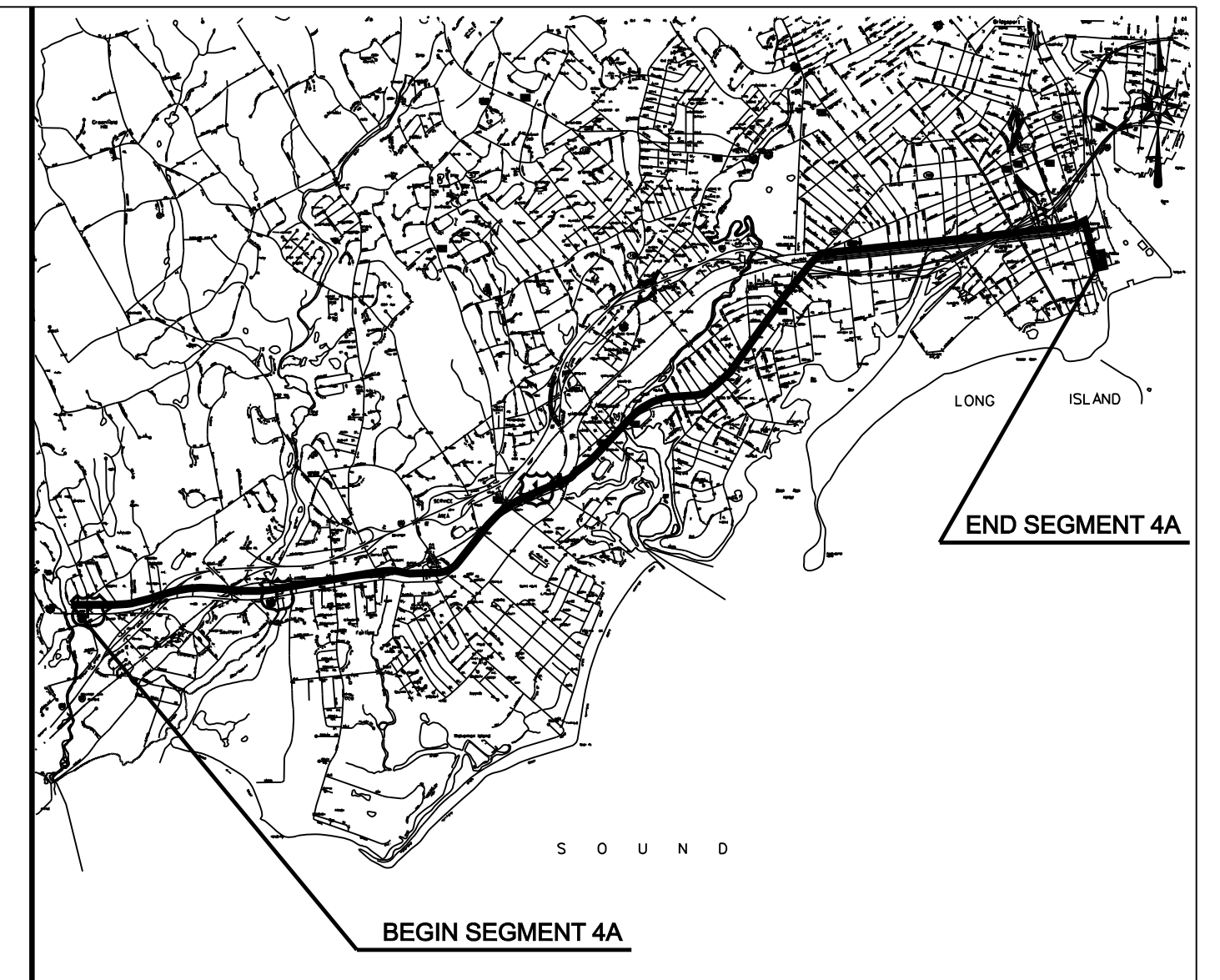
N.T.S.



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

SEGMENT 4A
TOWN OF FAIRFIELD / CITY OF BRIDGEPORT, CONNECTICUT

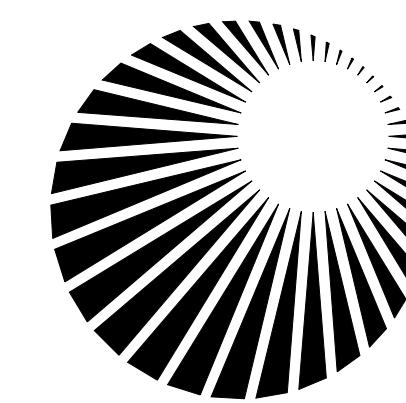
CONNECTICUT SITING COUNCIL
DOCKET NO. 272



VICINITY MAP

N.T.S.

JULY 03, 2006



Connecticut
Light & Power
The Northeast Utilities System

PAGE INDEX

DRAWING INDEX:


DWG NO	TITLE/DESCRIPTION	DWG NO	TITLE/DESCRIPTION
01224-0000 PG 001	CONSTRUCTION SET	01224-10001 PG 088	TOWN OF FAIRFIELD/CITY OF BRIDGEPORT P & P Sta 627+00 TO 640+50
01224-0001 PG 003	TOWN BOUNDARY OF WESTPORT/FAIRFIELD TO SINGER SS PAGE INDEX	01224-10001 PG 089	CITY OF BRIDGEPORT P & P Sta 640+00 TO 649+00
01224-0001 PG 004	GENERAL NOTES AND LEGEND	01224-10001 PG 090	CITY OF BRIDGEPORT P & P Sta 648+50 TO 657+50
01224-10002 PG 003	TOWN OF FAIRFIELD INDEX KEY MAP	01224-10001 PG 091	CITY OF BRIDGEPORT P & P Sta 656+00 TO 664+50
01224-10002 PG 004	CITY OF BRIDGEPORT INDEX KEY MAP	01224-10001 PG 092	CITY OF BRIDGEPORT P & P Sta 663+50 TO 672+00
01224-10002 PG 009	TOWN OF FAIRFIELD ROUTE DATA TABLES	01224-10001 PG 093	CITY OF BRIDGEPORT P & P Sta 671+00 TO 680+00
01224-10002 PG 010	TOWN OF FAIRFIELD ROUTE DATA TABLES	01224-10001 PG 094	CITY OF BRIDGEPORT P & P Sta 679+50 TO 688+50
01224-10002 PG 011	CITY OF BRIDGEPORT ROUTE DATA TABLES	01224-10001 PG 095	CITY OF BRIDGEPORT P & P Sta 687+50 TO 696+50
01224-10002 PG 012	CITY OF BRIDGEPORT ROUTE DATA TABLES	01224-10001 PG 096	CITY OF BRIDGEPORT P & P Sta 694+50 TO 703+50
01224-10001 PG 063	TOWN OF FAIRFIELD P & P Sta 443+00 TO 452+00	01224-10001 PG 097	CITY OF BRIDGEPORT P & P Sta 703+00 TO 712+00
01224-10001 PG 064	TOWN OF FAIRFIELD P & P Sta 450+00 TO 459+00	01224-10001 PG 098	CITY OF BRIDGEPORT P & P Sta 710+50 TO 719+50
01224-10001 PG 065	TOWN OF FAIRFIELD P & P Sta 457+00 TO 466+00	01224-10001 PG 099	CITY OF BRIDGEPORT P & P Sta 717+50 TO 726+00
01224-10001 PG 066	TOWN OF FAIRFIELD P & P Sta 464+50 TO 473+50	01224-10001 PG 100	CITY OF BRIDGEPORT P & P Sta 725+50 TO 734+50
01224-10001 PG 067	TOWN OF FAIRFIELD P & P Sta 472+00 TO 480+50	01224-10001 PG 101	CITY OF BRIDGEPORT P & P Sta 733+00 TO 742+00
01224-10001 PG 068	TOWN OF FAIRFIELD P & P Sta 478+00 TO 487+00	01224-10001 PG 102	CITY OF BRIDGEPORT P & P Sta 740+50 TO 749+50
01224-10001 PG 069	TOWN OF FAIRFIELD P & P Sta 484+50 TO 493+00	01224-10001 PG 103	CITY OF BRIDGEPORT P & P Sta 748+50 TO 757+50
01224-10001 PG 070	TOWN OF FAIRFIELD P & P Sta 491+50 TO 500+50	01224-10001 PG 104	CITY OF BRIDGEPORT P & P Sta 756+50 TO 765+50
01224-10001 PG 071	TOWN OF FAIRFIELD P & P Sta 499+00 TO 507+00	01224-10001 PG 105	CITY OF BRIDGEPORT P & P Sta 764+50 TO 773+50
01224-10001 PG 072	TOWN OF FAIRFIELD P & P Sta 505+50 TO 514+00	01224-10001 PG 106	CITY OF BRIDGEPORT P & P Sta 771+50 TO 780+50
01224-10001 PG 073	TOWN OF FAIRFIELD P & P Sta 513+50 TO 522+50	01224-10001 PG 107	CITY OF BRIDGEPORT P & P Sta 779+00 TO 788+00
01224-10001 PG 074	TOWN OF FAIRFIELD P & P Sta 521+50 TO 530+50	01224-10001 PG 108	CITY OF BRIDGEPORT P & P Sta 786+50 TO 795+50
01224-10001 PG 075	TOWN OF FAIRFIELD P & P Sta 529+50 TO 538+50	01224-10001 PG 109	CITY OF BRIDGEPORT P & P Sta 793+00 TO 802+00
01224-10001 PG 076	TOWN OF FAIRFIELD P & P Sta 537+50 TO 546+50	01224-10001 PG 110	CITY OF BRIDGEPORT P & P Sta 801+75 TO 810+75
01224-10001 PG 077	TOWN OF FAIRFIELD P & P Sta 543+50 TO 552+50	01224-10001 PG 111	CITY OF BRIDGEPORT P & P Sta 809+00 TO SINGER S/S
01224-10001 PG 078	TOWN OF FAIRFIELD P & P Sta 550+50 TO 559+50	01224-10001 PG 112	CITY OF BRIDGEPORT P & P Sta 678+00 TO 682+34
01224-10001 PG 079	TOWN OF FAIRFIELD P & P Sta 557+50 TO 566+00	01224-45003 PG 001	VAULT, GROUNDING AND HANDHOLE DETAILS
01224-10001 PG 080	TOWN OF FAIRFIELD P & P Sta 564+50 TO 573+00	01224-45003 PG 002	VAULT AND GROUNDING DETAILS
01224-10001 PG 081	TOWN OF FAIRFIELD P & P Sta 570+50 TO 579+50	01224-45003 PG 003	UTILITY BRIDGE SPLICE VAULT DETAILS
01224-10001 PG 082	TOWN OF FAIRFIELD P & P Sta 579+00 TO 588+00	01224-45003 PG 006	TYPICAL/CROSSING SPLICE VAULT DETAILS
01224-10001 PG 083	TOWN OF FAIRFIELD P & P Sta 587+00 TO 596+00	01224-45003 PG 010	CONDUIT TRANSITIONS
01224-10001 PG 084	TOWN OF FAIRFIELD P & P Sta 595+00 TO 604+00	01224-46003 PG 001	TYPICAL DUCT BANK DETAILS
01224-10001 PG 085	TOWN OF FAIRFIELD P & P Sta 603+00 TO 612+00	01224-46003 PG 002	UTILITY BRIDGE DUCT BANK DETAILS AND UTILITY CROSSING DETAIL
01224-10001 PG 086	TOWN OF FAIRFIELD P & P Sta 611+00 TO 620+00	01224-46003 PG 004	JACK AND BORE, HORIZONTAL DIRECTIONAL DRILL AND UTILITY BRIDGE DUCT BANK DETAILS
01224-10001 PG 087	TOWN OF FAIRFIELD P & P Sta 618+50 TO 627+50	01224-46003 PG 005	CABLE AND TEMPERATURE MONITORING DETAILS
		01224-15003 PG 001	EROSION CONTROL DETAILS
		01224-15003 PG 002	EROSION CONTROL DETAILS

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DOCKET No. 272

ISSUED FOR CONSTRUCTION

no.	date	revisions	by	chk
4	8/07/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
3	7/26/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
2	7/03/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
1	6/20/06	ISSUED FOR CONSTRUCTION	CTC	



Burns & McDonnell
SINCE 1898

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

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
TOWN BOUNDARY OF WESTPORT/FAIRFIELD TO SINGER SS PAGE INDEX			
BY	SEN-BMCD	CHKD	APP
DATE	8-15-05	DATE	DATE
SCALE	AS NOTED	DWG. NO.	01224-00001 PG 003
		D	

ABBREVIATIONS

LEGEND

GENERAL NOTES

<u>BUILDINGS</u>		<u>UTILITY - GAS</u>	
GAR.	GARAGE	GG	GAS GATE
<u>GUIDE RAILS</u>		ST.	STEEL
MBR	METAL BEAM RAIL	<u>PIPE MATERIALS</u>	
CGRM	CABLE GUIDE RAIL METAL POSTS	CI	CAST IRON
CGRW	CABLE GUIDE RAIL WOOD POSTS	DI	DUCTILE IRON
TGR	TIMBER GUIDE RAIL	H.P.	HIGH PRESSURE
<u>FENCES/WALLS</u>		LP.	LOW PRESSURE
CLF	CHAIN LINK FENCE	PLA	PLASTIC
PICK.FENCE	PICKET FENCE	PVC	POLYVINYL CHLORIDE
RAIL FENCE	WOOD RAIL FENCE	RCP	REINFORCED CONCRETE PIPE
STOCK.FENCE	STOCKADE FENCE	CMP	CORRUGATED METAL PIPE
WIRE FENCE	WIRE FENCE	WRP	WRAPPED PIPE
RET.WALL	RETAINING WALL	600*	600 PSI
<u>MONUMENTATION</u>		CWD	CREOSOTE WOOD DUCT
CHD	CONN.HIGHWAY DEPT.MON.	MTD	MULTI TILED DUCTS
DH	DRILL HOLE	STD	SINGLE TILED DUCTS
I.PIN	IRON PIN	F	FIBERGLASS
I.PIPE	IRON PIPE	P	PLASTIC
MAG.NAIL	MAGNETIC NAIL	I	IRON
MON.	MONUMENT	W	WOOD
PK NAIL	*PK* NAIL	HWF	
SPIKE	SPIKE	TH	TEST HOLE
<u>SURFACE/WALL/CURB MATERIALS</u>		<u>STRUCTURES</u>	
BIT.	BITUMINOUS	*C* CB	CURBED CATCH BASIN
BOL.	BOLLARD	*C-L* CB	CURBLESS CATCH BASIN
CONC.	CONCRETE	MH	MANHOLE
GRAN.	GRANITE	SAN.	SANITARY
GRAV.	GRAVEL	STM.	STORM
B.C.L.C.	BITUMINOUS CONCRETE LIP CURB	TF	TOP OF FRAME
<u>UTILITY - WATER</u>		INV.	INVERT
WG	WATER GATE (OR CURB BOX)	BTM	BOTTOM
WM	WATER METER	N/A	NOT AVAILABLE
<u>TRAFFIC</u>		<u>MISC.</u>	
LOOP DET.	LOOP DETECTOR	(ABAN)	ABANDONED
<u>UTILITY - COMMUNICATIONS AND ELECTRIC</u>		(MAP)	COMPILED FROM EXISTING MAPPING
ELEC.MH	ELECTRIC MANHOLE	UG	UNDERGROUND
TEL.MH	TELEPHONE/COMMUNICATIONS MANHOLE	F.O.	FIBER OPTIC
TRANS.	TRANSFORMER		
UI	UNITED ILLUMINATING		
SNET	SOUTHERN NEW ENGLAND TELEPHONE		
CL&P	CONNECTICUT LIGHT AND POWER		

<u>Edge Of Road</u>	<u>Easement Line</u>
Concrete Pavement	Edge of Water
Dirt Road	Stone Wall
B.C.L.C.	Transmission Tower
Curb (Type As Labeled)	Riprap
Guide Rail	Hedge Row
Concrete Median Barrier	Tree Line
Railroad Tracks	Shrub
Fence	All Trees
Storm	Hand Hole
Sanitary	Pedestrian Signal
Gas Main	Span Pole
Water Main	Mast Arm
Underground Electric	Traffic Controller
Telephone Duct Bank	Traffic Signal
Underground Tele. Conduit	Sign
Overhead Wires	2-Post Sign
Retaining Wall	Double-Faced Sign
Highway Line	Billboard
Street Line	Utility Pole
Property Line	Utility Pole With Light
Lot Line Of Common Ownership	General Purpose Lamp
Town Line	Light Standard
DUCT BANK	Guy Wire
Water /RR Crossing	Guy Pole
Demolition	Water Meter
Approx.Limits of Thermally Approved Unbound Aggregate Backfill	Hydrant
	Type *C-L* Catch Basin
	Type *C* Catch Basin
	Manhole
	Benchmark
	Control Point
	Monuments
	Pin,Pipe,Drillhole
	Marsh
	Wetlands Boundary
	Fiber Optic Handhole
	Splice Vault
	Test Hole
	Temperature Monitor Station

1. 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.
2. ALL VERTICAL RADII ARE MINIMUM 400' RADIUS ON CONCAVE SIDE OF CURVES UNLESS OTHERWISE NOTED.
3. 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.
4. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RETURNED TO THE ORIGINAL CONDITIONS AS DETERMINED BY NORTHEAST UTILITIES.
5. COORDINATES AND STATIONING INDICATED ARE AT CENTERLINE OF DUCT BANK.
6. SEE INDEX KEY MAPS FOR THE DESIGNATION BETWEEN MUNICIPAL ROADS AND STATE ROADS.
7. TREES AND SHRUBS SHALL BE REMOVED AND REPLACED ALONG ROUTE, SHALL BE APPROVED BY MUNICIPALITY AND OR PRIVATE LAND OWNER.
8. COORDINATES ARE BASED ON THE CONNECTICUT STATE PLANE COORDINATE SYSTEM. (NAD 83)
9. VERTICAL DATUM IS BASED ON NAVD 88.
10. 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.
11. 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.
12. VAULT AND DUCT BANK LOCATIONS ARE SUBJECT TO ADJUSTMENT DUE TO UNFORESEEN CONDITIONS.
13. NORTHING AND EASTING DESIGNATIONS FOR SPLICE VAULT LOCATIONS ARE REFERENCED TO CENTER OF SPLICE VAULT.



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

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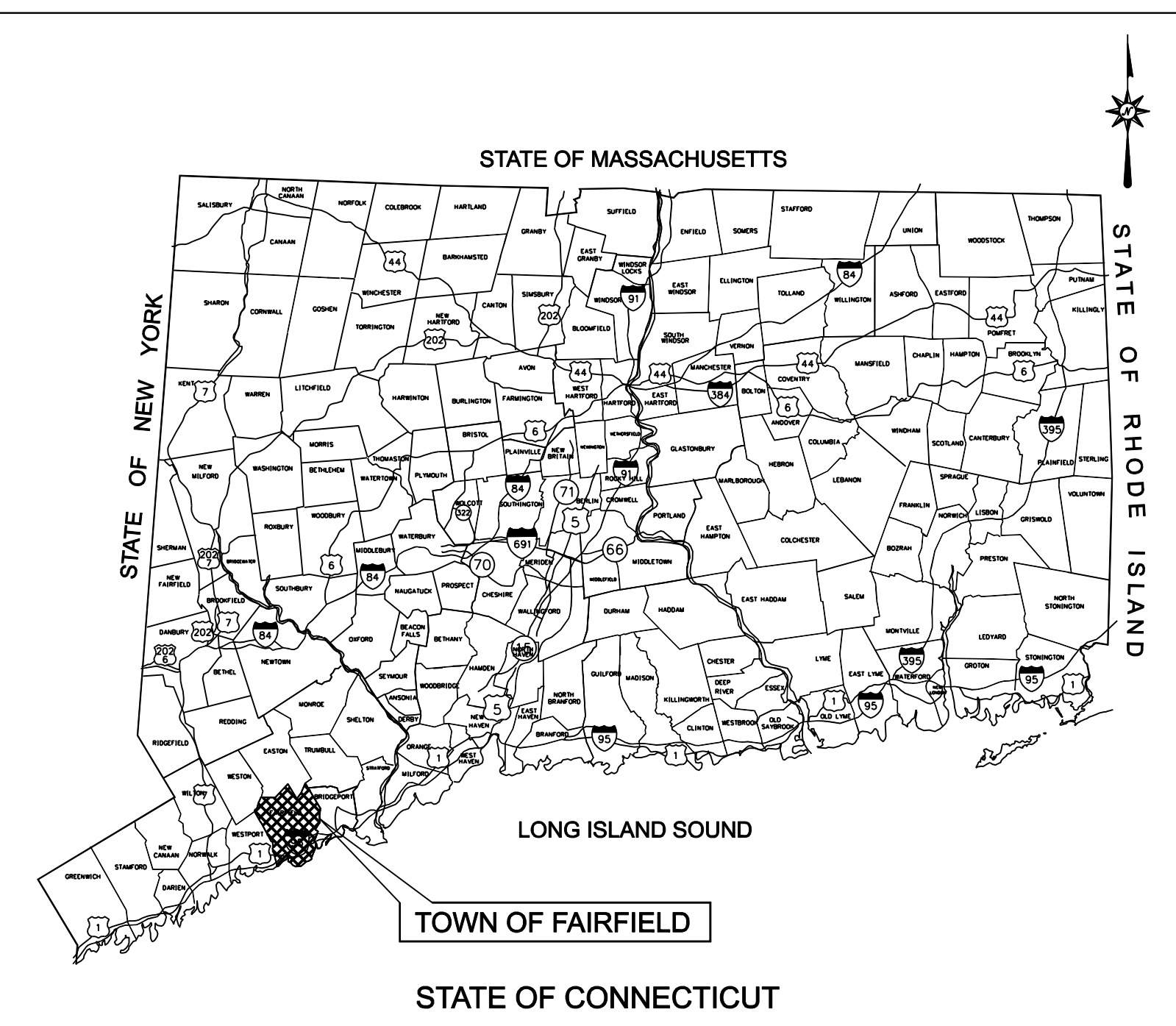


date 08/15/05 detailed L. ROWSE
designed C. COURTRIGHT checked S. NEWLAND

no.	date	revisions	by	chk
2	7/03/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
1	6/20/06	ISSUED FOR CONSTRUCTION	CTC	

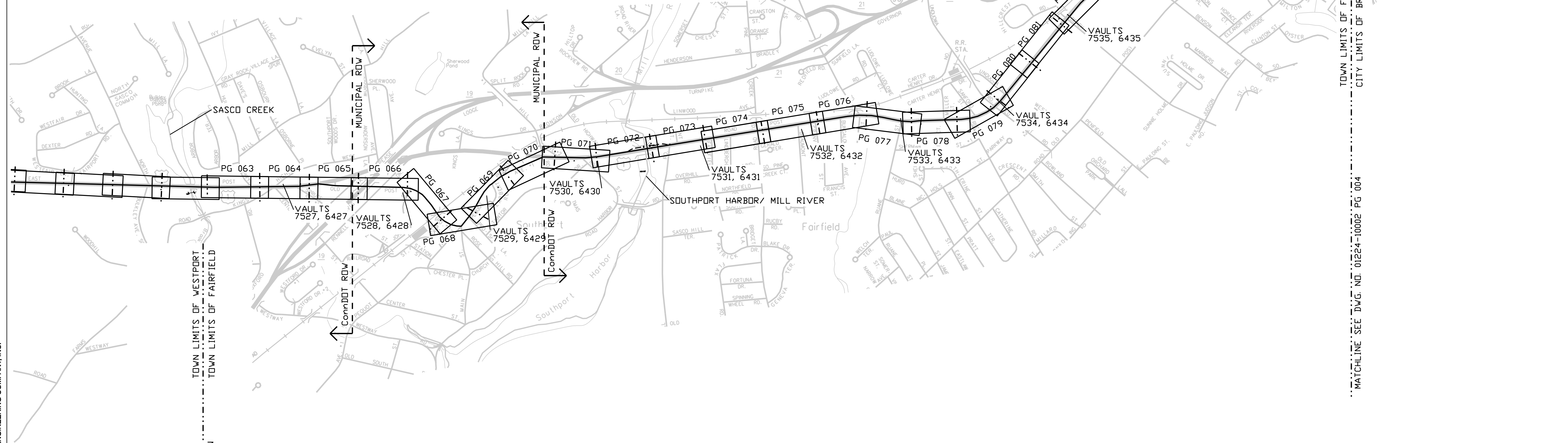
MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP
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NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
NORWALK SS TO SINGER SS GENERAL NOTES AND LEGEND			
BY SEN-BMCD	CHKD	APP	APP
DATE 8-15-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-00001	PG 004



LOCATION MAP
N.T.S.

TOWN OF FAIRFIELD
NOT TO SCALE

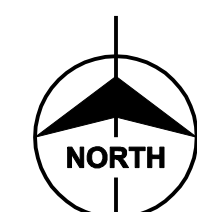


MATCHLINE SEE DWG. NO. 01224-10002 PG 002
UNDER SEPARATE SUBMISSION

TOWN LIMITS OF WESTPORT
TOWN LIMITS OF FAIRFIELD
CITY LIMITS OF BRIDGEPORT
MATCHLINE SEE DWG. NO. 01224-10002 PG 004

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Burns & McDonnell
SINCE 1898

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

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

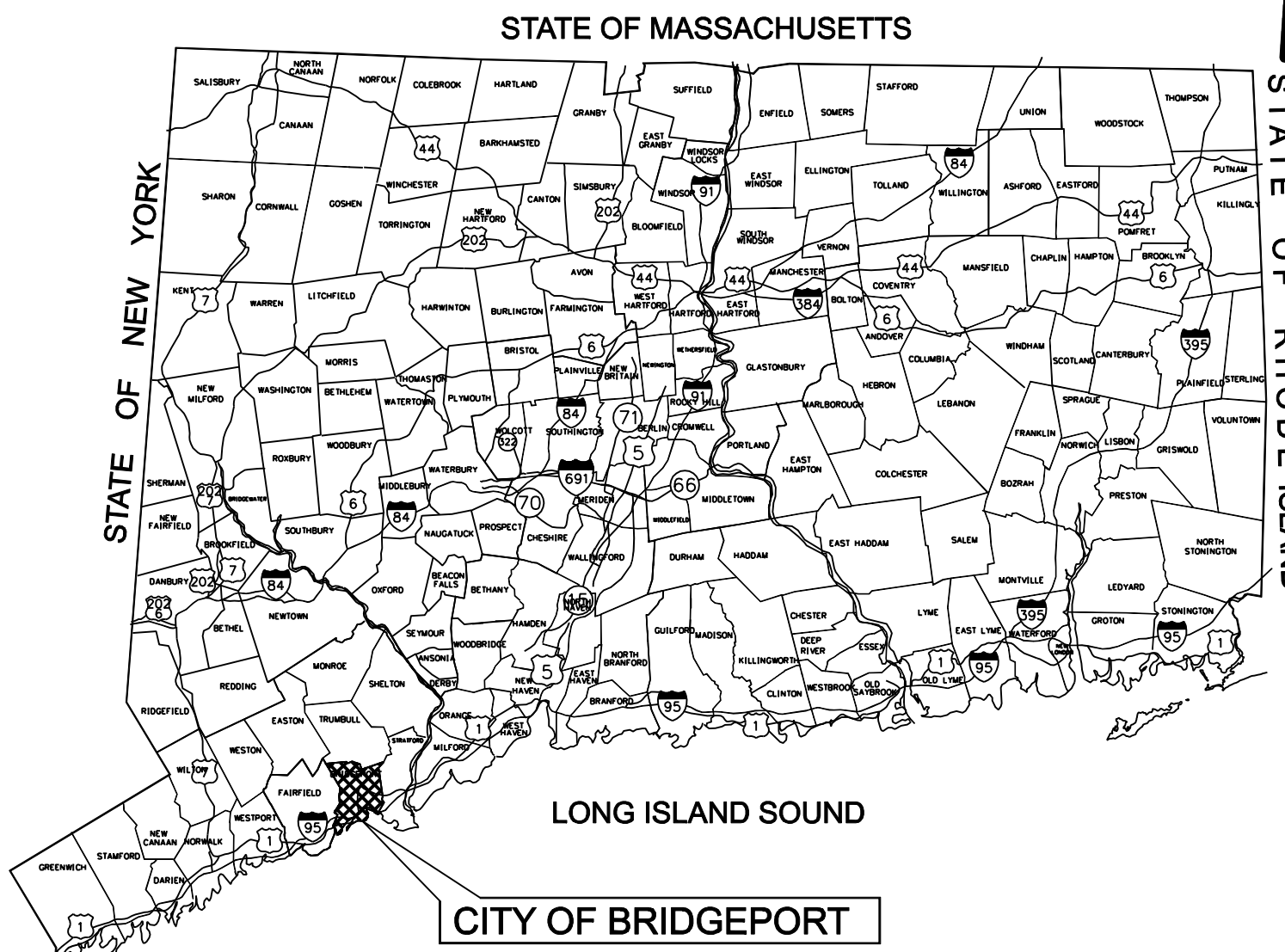
NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE: MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

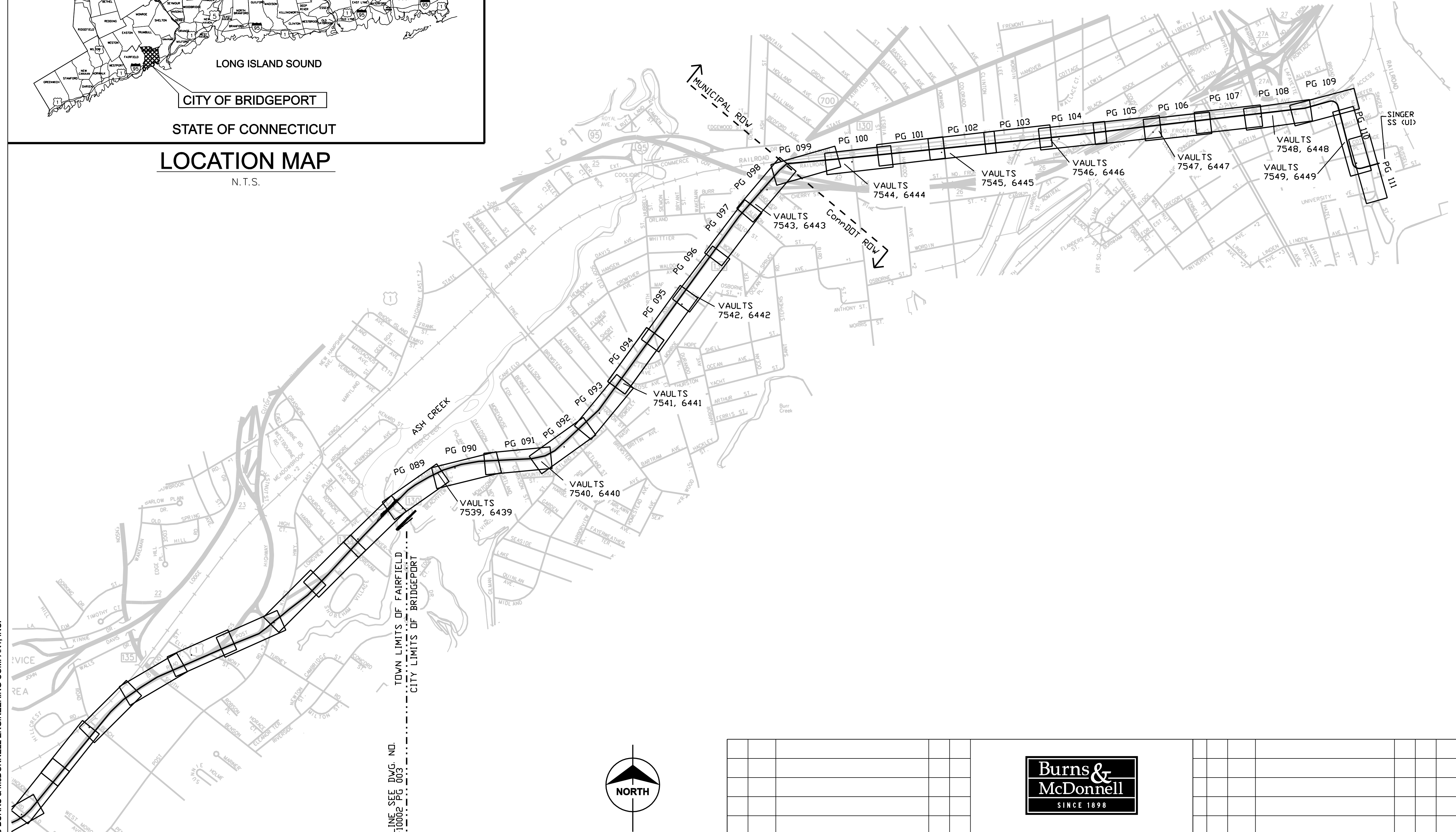
TOWN OF FAIRFIELD
INDEX KEY MAP

BY SEN-BMCD	CHKD	APP	APP
DATE 8-15-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10002 PG 003	



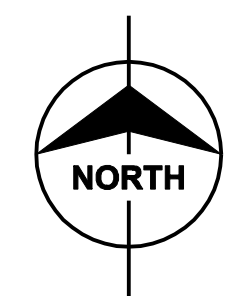
LOCATION MAP
N.T.S.

CITY OF BRIDGEPORT
NOT TO SCALE



MATCHLINE SEE DWG. NO. 01224-10002 PG 003

TOWN LIMITS OF FAIRFIELD
CITY LIMITS OF BRIDGEPORT



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2	7/03/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
1	6/20/06	ISSUED FOR CONSTRUCTION	CTC	

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

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
CITY OF BRIDGEPORT INDEX KEY MAP			
BY SEN-BMCD	CHKD	APP	APP
DATE 8-15-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO. 01224-10002 PG 004		

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CURVE DATA TABLE								
CURVE NO.	RADIUS	CURVE LENGTH	TANGENT LENGTH	DEFLECTION ANGLE	POINT OF INTERSECTION	POINT OF CURVATURE	POINT OF TANGENCY	SHEET REFERENCE
PI-F-01	50'	8.08'	4.05'	9°15'18.82"	N 611,516.4859 E 849,185.7014	N 611,515.7670 E 849,181.7186	N 611,515.8361 E 849,189.5167	10001 PG 062
PI-F-02	50'	2.92'	1.46'	3°20'40.83"	N 611,518.3231 E 849,190.8929	N 611,517.8361 E 849,192.2383	N 611,518.8895 E 849,192.2383	10001 PG 062
PI-F-03	200'	77.69'	39.34'	22°15'23.18"	N 611,565.6754 E 849,303.3623	N 611,550.4098 E 849,267.1041	N 611,566.0707 E 849,342.7011	10001 PG 063
PI-F-04	200'	60.93'	30.70'	17°27'20.67"	N 611,572.3008 E 849,962.5943	N 611,571.9923 E 849,931.8920	N 611,581.8049 E 849,991.7902	10001 PG 063
PI-F-05	200'	62.56'	31.54'	17°55'19.26"	N 611,597.2104 E 850,039.1147	N 611,597.4483 E 850,009.1262	N 611,597.2707 E 850,070.6520	10001 PG 063
PI-F-06	202'	100.15'	51.12'	28°24'20.24"	N 611,597.6659 E 850,277.3729	N 611,597.5682 E 850,226.2486	N 611,622.0723 E 850,322.2955	10001 PG 064
PI-F-07	200'	98.10'	50.06'	28°06'10.89"	N 611,645.9689 E 850,366.2798	N 611,622.0723 E 850,322.2955	N 611,646.3289 E 850,416.3351	10001 PG 064
PI-F-08	200'	83.20'	42.21'	23°50'02.44"	N 611,647.1817 E 850,534.8863	N 611,646.8781 E 850,492.6788	N 611,630.4038 E 850,573.6171	10001 PG 064
PI-F-09	200'	88.37'	44.92'	25°18'59.74"	N 611,612.5486 E 850,614.8346	N 611,630.4038 E 850,573.6171	N 611,614.0338 E 850,659.7293	10001 PG 064
PI-F-10	4,000'	84.49'	42.25'	1°12'36.97"	N 611,615.4306 E 850,701.9542	N 611,614.0338 E 850,659.7293	N 611,617.7190 E 850,744.1401	10001 PG 064
PI-F-11	500'	57.69'	28.88'	6°36'38.32"	N 611,619.2831 E 850,772.9741	N 611,617.7190 E 850,801.7965	N 611,617.5174 E 850,801.7965	10001 PG 064
PI-F-12	500'	24.57'	12.29'	2°48'53.92"	N 611,591.0936 E 851,233.1235	N 611,591.8448 E 851,245.4077	N 611,590.9455 E 851,245.4077	10001 PG 065
PI-F-13	100'	52.28'	26.75'	29°57'14.04"	N 611,589.0591 E 851,401.8895	N 611,589.3816 E 851,375.1397	N 611,575.4234 E 851,424.9053	10001 PG 065
PI-F-14	200'	106.51'	54.55'	30°30'51.30"	N 611,547.6172 E 851,471.8398	N 611,575.4234 E 851,526.3926	N 611,547.4931 E 851,526.3926	10001 PG 065
PI-F-15	300'	65.92'	33.09'	12°35'22.97"	N 611,546.6737 E 851,886.6395	N 611,546.7489 E 851,853.5466	N 611,539.3870 E 851,918.9204	10001 PG 066
PI-F-16	200'	42.54'	21.35'	12°11'13.58"	N 611,511.3606 E 852,043.0806	N 611,516.0619 E 852,022.2535	N 611,511.1620 E 852,064.4307	10001 PG 066
PI-F-17	100'	36.51'	18.46'	20°55'04.56"	N 611,510.1683 E 852,171.2647	N 611,510.3400 E 852,152.8056	N 611,516.5984 E 852,188.5684	10001 PG 066
PI-F-18	200'	67.73'	34.19'	19°24'14.30"	N 611,528.5090 E 852,220.6207	N 611,516.5984 E 852,188.5684	N 611,529.0944 E 852,254.8095	10001 PG 067
PI-F-19	150'	144.58'	78.46'	55°13'25.33"	N 611,531.9155 E 852,419.5590	N 611,530.5722 E 852,341.1129	N 611,468.2472 E 852,465.4060	10001 PG 067
PI-F-20	200'	32.78'	16.43'	9°23'26.73"	N 611,357.2579 E 852,545.3284	N 611,370.5882 E 852,535.7294	N 611,342.5400 E 852,552.6237	10001 PG 067
PI-F-21	200'	55.39'	27.87'	15°52'02.35"	N 611,289.0922 E 852,579.1166	N 611,314.0648 E 852,566.7383	N 611,268.4555 E 852,597.8510	10001 PG 067
PI-F-22	200'	34.01'	17.05'	9°44'37.20"	N 611,228.1138 E 852,634.4742	N 611,240.7355 E 852,623.0159	N 611,217.6134 E 852,647.9033	10001 PG 067
PI-F-23	100'	21.44'	10.76'	12°17'06.89"	N 611,210.9842 E 852,656.3814	N 611,217.6134 E 852,647.9033	N 611,202.7029 E 852,663.2548	10001 PG 067
PI-F-24	100'	24.34'	12.23'	13°56'51.95"	N 611,172.9836 E 852,687.9215	N 611,182.3960 E 852,680.1093	N 611,161.9655 E 852,693.2347	10001 PG 067
PI-F-25	100'	13.53'	6.77'	7°45'00.28"	N 611,155.8643 E 852,696.1768	N 611,161.9655 E 852,693.2347	N 611,150.2156 E 852,699.9149	10001 PG 067
PI-F-26	200'	104.92'	53.70'	30°03'26.77"	N 611,105.4354 E 852,729.5482	N 611,150.2156 E 852,699.9149	N 611,081.5195 E 852,777.6255	10001 PG 068
PI-F-27	275'	415.44'	258.95'	86°33'22.22"	N 610,959.4370 E 853,023.0431	N 611,074.7687 E 852,791.1964	N 611,183.9371 E 853,152.0935	10001 PG 068
PI-F-28	400'	41.66'	20.85'	5°58'02.23"	N 611,354.0805 E 853,249.8977	N 611,336.0054 E 853,239.5076	N 611,373.1378 E 853,258.3525	10001 PG 069
PI-F-29	200'	66.88'	33.75'	19°09'33.85"	N 611,403.9922 E 853,272.0411	N 611,373.1378 E 853,258.3525	N 611,428.6450 E 853,295.0978	10001 PG 069
PI-F-30	100'	7.00'	3.50'	4°00'47.10"	N 611,431.2038 E 853,297.4909	N 611,428.6450 E 853,295.0978	N 611,433.9238 E 853,299.6990	10001 PG 069
PI-F-31	200'	37.74'	18.93'	10°48'46.74"	N 611,475.5776 E 853,333.5150	N 611,460.8822 E 853,321.5848	N 611,487.7740 E 853,347.9903	10001 PG 069
PI-F-32	200'	25.02'	12.53'	7°10'02.74"	N 611,523.9794 E 853,390.9609	N 611,515.9085 E 853,381.3819	N 611,533.1824 E 853,399.4581	10001 PG 069
PI-F-33	200'	28.01'	14.03'	8°01'30.27"	N 611,543.4900 E 853,408.9752	N 611,533.1824 E 853,399.4581	N 611,552.3681 E 853,419.8381	10001 PG 069
PI-F-34	400'	32.43'	16.22'	4°38'41.74"	N 611,725.2291 E 853,631.3449	N 611,714.9630 E 853,618.7837	N 611,734.4443 E 853,644.6962	10001 PG 069
PI-F-35	200'	49.04'	24.64'	14°02'55.07"	N 611,789.4541 E 853,724.3969	N 611,775.4558 E 853,740.6156	N 611,807.9568 E 853,740.6156	10001 PG 070
PI-F-36	200'	80.96'	41.04'	23°11'31.90"	N 611,838.7708 E 853,767.7802	N 611,807.9568 E 853,740.6156	N 611,856.4195 E 853,804.8315	10001 PG 070
PI-F-37	200'	86.13'	43.74'	24°40'25.15"	N 611,931.3420 E 853,962.1211	N 611,964.9205 E 853,922.6306	N 611,964.9205 E 853,990.1536	10001 PG 070

CURVE DATA TABLE								
CURVE NO.	RADIUS	CURVE LENGTH	TANGENT LENGTH	DEFLECTION ANGLE	POINT OF INTERSECTION	POINT OF CURVATURE	POINT OF TANGENCY	SHEET REFERENCE
PI-F-38	100'	93.11'	50.24'	53°20'53.44"	N 612,003.4860 E 854,022.3494	N 611,964.9205 E 853,990.1536	N 612,000.6778 E 854,072.5089	10001 PG 070
PI-F-39	300'	98.27'	49.58'	18°46'03.86"	N 611,967.4332 E 854,666.3026	N 611,970.2046 E 854,616.8022	N 611,948.8833 E 854,712.2794	10001 PG 071
PI-F-40	202'	2.74'	1.37'	0°46'35.32"	N 611,948.3712 E 854,713.5488	N 611,948.8833 E 854,712.2794	N 611,947.8763 E 854,714.8250	10001 PG 071
PI-F-41	202'	28.46'	14.25'	8°04'17.07"	N 611,942.7235 E 854,728.1126	N 611,947.8763 E 854,714.8250	N 611,935.7561 E 854,740.5450	10001 PG 071
PI-F-42	102'	73.07'	38.18'	41°02'32.68"	N 611,917.0929 E 854,773.8507	N 611,935.7561 E 854,740.5450	N 611,924.8823 E 854,811.2265	10001 PG 071
PI-F-43	200'	78.84'	39.94'	22°35'10.06"	N 611,943.7025 E 854,911.0661	N 611,936.3042 E 854,871.8186	N 611,965.6073 E 854,944.4620	10001 PG 071
PI-F-44	202'	83.38'	42.29'	23°38'56.75"	N 611,988.8019 E 854,979.8242	N 611,965.6073 E 854,944.4620	N 611,995.8635 E 855,021.5208	10001 PG 072
PI-F-45	200'	122.14'	63.04'	34°59'22.21"	N 612,042.5676 E 855,297.2922	N 612,032.0412 E 855,235.1377	N 612,086.8324 E 855,342.1767	10001 PG 072
PI-F-46	200'	122.65'	63.32'	35°08'11.60"	N 612,131.2955 E 855,387.2622	N 612,086.8324 E 855,342.1767	N 612,141.7087 E 855,449.7220	10001 PG 072
PI-F-47	200'	120.82'	62.32'	34°36'49.01"	N 612,210.8822 E 855,862.2520	N 612,200.2369 E 855,800.7813	N 612,184.0018 E 855,918.6639	10001 PG 073
PI-F-48	200'	121.34'	62.60'	34°45'38.41"	N 612,157.3987 E 855,975.3308	N 612,184.0018 E 855,918.6639	N 612,167.8518 E 856,037.0528	10001 PG 073
PI-F-49	200'	32.17'	16.12'	9°12'58.78"	N 612,206.8688 E 856,264.5830	N 612,203.6942 E 856,248.6898	N 612,206.4974 E 856,280.7037	10001 PG 073
PI-F-50	200'	32.17'	16.12'	9°12'58.78"	N 612,206.8688 E 856,264.5830	N 612,206.4974 E 856,280.7037	N 612,209.3006 E 856,312.7176	10001 PG 073
PI-F-51	200'	26.00'	13.02'	7°26'59.42"	N 612,224.9993 E 856,405.4112	N 612,222.8553 E 856,392.5753	N 612,228.8197 E 856,417.8609	10001 PG 073
PI-F-52	200'	27.03'	13.54'	7°44'40.77"	N 612,232.7918 E 856,430.8027	N 612,228.8197 E 856,417.8609	N 612,234.9836 E 856,444.1617	10001 PG 073
PI-F-53	1,000'	70.21'	35.12'	4°01'22.44"	N 612,358.4909 E 857,196.9374	N 612,352.8047 E 857,162.2799	N 612,361.7317 E 857,231.9085	10001 PG 074
PI-F-54	2,000'	150.72'	75.39'	4°19'03.79"	N 612,368.6888 E 857,306.9809	N 612,361.7317 E 857,231.9085	N 612,381.2781 E 857,381.3165	10001 PG 075
PI-F-55	402'	63.55'	31.84'	9°03'26.55"	N 612,435.2781 E 857,700.1677	N 612,429.9614 E 857,668.7742	N 612,445.4706 E 857,730.3329	10001 PG 075
PI-F-56	400'	63.23'	31.68'	9°03'26.55"	N 612,455.6125 E 857,760.3480	N 612,445.4706 E 857,730.3329	N 612,460.9028 E 857,791.5854	10001 PG 075
PI-F-57	400'	63.23'	31.68'	9°03'26.55"	N 612,474.8753 E 857,874.0881	N 612,469.5850 E 857,842.8507	N 612,475.1821 E 857,905.7689	10001 PG 075
PI-F-58	402'	63.55'	31.84'	9°03'26.55"	N 612,475.9905 E 857,937.6080	N 612,475.1821 E 857,905.7689	N 612,480.8072 E 857,969.0016	10001 PG 075
PI-F-59	3,000'	46.05'	23.03'	0°52'46.42"	N 612,567.8655 E 858,483.0505	N 612,564.0204 E 858,460.3465	N 612,572.0586 E 858,505.6928	10001 PG 076
PI-F-60	OMITTED							
PI-F-61	500'	243.47'	124.20'	27°53'57.62"	N 612,624.7434 E 858,790.1803	N 612,602.1275 E 858,668.0592	N 612,587.5877 E 858,908.6898	10001 PG 077
PI-F-62	2,000'	369.66'	185.36'	10°35'23.90"	N 612,532.1350 E 859,085.5585	N 612,587.5877 E 859,085.5585	N 612,510.1316 E 859,269.6057	10001 PG 077
PI-F-63	200'	25.69'	12.86'	7°21'30.55"	N 612,508.6050 E 859,282.3754	N 612,510.1316 E 859,269.6057	N 612,508.7264 E 859,295.2355	10001 PG 077
PI-F-64	200'	15.93'	7.97'	4°33'52.73"	N 612,516.9095 E 860,161.9144	N 612,516.8342 E 860,153.9437	N 612,517.6188 E 860,169.8538	10001 PG 079
PI-F-65	635'	279.91'	142.27'	25°16'06.87"	N 612,530.2797 E 860,311.5594	N 612,517.6188 E 860,169.8538	N 612,602.2179 E 860,434.3018	10001 PG 079
PI-F-66	200'	186.80'	100.84'</					

CURVE DATA TABLE								
CURVE NO.	RADIUS	CURVE LENGTH	TANGENT LENGTH	DEFLECTION ANGLE	POINT OF INTERSECTION	POINT OF CURVATURE	POINT OF TANGENCY	SHEET REFERENCE
PI-F7527-01	202'	87.60'	44.50'	24° 50' 46.76"	N 611,635.8681 E 850,352.3001	N 611,616.8806 E 850,312.0563	N 611,636.1881 E 850,396.7972	10001 PG 064
PI-F7527-02	202'	70.75'	35.74'	20° 04' 05.77"	N 611,637.2144 E 850,539.4611	N 611,636.9573 E 850,503.7199	N 611,625.1916 E 850,573.1205	10001 PG 064
PI-F7527-03	200'	74.61'	37.74'	21° 21' 16.54"	N 611,612.4961 E 850,608.6635	N 611,625.1916 E 850,573.1205	N 611,613.6148 E 850,646.3892	10001 PG 064
PI-F6428-01	200'	42.56'	21.36'	12° 11' 32.21"	N 611,529.0800 E 851,964.5815	N 611,533.7833 E 851,943.7456	N 611,528.8833 E 851,985.9408	10001 PG 066
PI-F6428-02	200'	37.46'	18.79'	10° 43' 57.19"	N 611,528.7102 E 852,004.7268	N 611,528.8833 E 851,985.9408	N 611,525.0418 E 852,023.1520	10001 PG 066
PI-F6428-03	200'	37.45'	18.78'	10° 43' 38.56"	N 611,521.3751 E 852,041.5682	N 611,525.0418 E 852,023.1520	N 611,521.2005 E 852,060.3451	10001 PG 066
PI-F6428-04	OMITTED							
PI-F6428-05	200'	44.30'	22.24'	12° 41' 27.16"	N 611,519.9538 E 852,194.3704	N 611,520.1607 E 852,172.1306	N 611,524.6379 E 852,216.1123	10001 PG 066
PI-F6429-01	400'	8.03'	4.02'	1° 09' 03.06"	N 611,376.8100 E 853,259.9817	N 611,373.1378 E 853,258.3525	N 611,380.5142 E 853,261.5368	10001 PG 069
PI-F6429-02	200'	56.91'	28.65'	16° 18' 14.40"	N 611,406.9301 E 853,272.6267	N 611,380.5142 E 853,261.5368	N 611,429.1705 E 853,290.6866	10001 PG 069
PI-F6429-03	51'	7.72'	3.87'	8° 30' 11.60"	N 611,478.1654 E 853,330.4720	N 611,475.1645 E 853,328.0351	N 611,481.4937 E 853,332.4383	10001 PG 069
PI-F6429-04	50'	16.85'	8.51'	19° 18' 33.76"	N 611,488.8171 E 853,336.7649	N 611,481.4937 E 853,332.4383	N 611,494.2978 E 853,343.2697	10001 PG 069
PI-F6429-05	200'	31.49'	15.78'	9° 01' 19.30"	N 611,527.7691 E 853,382.9954	N 611,517.6021 E 853,370.9285	N 611,535.9181 E 853,396.5073	10001 PG 069
PI-F6429-06	200'	28.50'	14.27'	8° 09' 51.77"	N 611,543.2897 E 853,408.7301	N 611,535.9181 E 853,396.5073	N 611,552.3224 E 853,419.7822	10001 PG 069
PI-F6430-01	202'	112.36'	57.68'	31° 52' 15.49"	N 611,927.0231 E 854,768.5997	N 611,947.8763 E 854,714.8250	N 611,937.7072 E 854,825.2780	10001 PG 071
PI-F6430-02	202'	65.15'	32.86'	18° 28' 47.36"	N 611,957.0978 E 854,928.1435	N 611,951.0105 E 854,895.8510	N 611,973.1070 E 854,956.8414	10001 PG 071
PI-F6431-01	200'	49.78'	25.02'	14° 15' 39.85"	N 612,207.9552 E 856,288.6184	N 612,205.6557 E 856,263.7047	N 612,216.3210 E 856,312.1979	10001 PG 073
PI-F6431-02	200'	34.63'	17.36'	9° 55' 19.26"	N 612,222.1259 E 856,328.5592	N 612,216.3210 E 856,312.1979	N 612,225.0247 E 856,345.6761	10001 PG 073
PI-F6431-03	200'	36.83'	18.47'	10° 33' 07.00"	N 612,236.9383 E 856,416.0217	N 612,233.8544 E 856,397.8121	N 612,236.6354 E 856,434.4881	10001 PG 073
PI-F6431-04	200'	35.80'	17.95'	10° 15' 25.64"	N 612,236.3411 E 856,452.4357	N 612,236.6354 E 856,434.4881	N 612,239.2473 E 856,470.1489	10001 PG 073
PI-F7533-01	200'	28.22'	14.13'	8° 04' 59.18"	N 612,509.9072 E 859,271.0674	N 612,511.6734 E 859,257.0471	N 612,506.1871 E 859,284.7001	10001 PG 077
PI-F7533-02	200'	55.17'	27.76'	15° 48' 14.66"	N 612,498.8794 E 859,311.4805	N 612,506.1871 E 859,284.7001	N 612,499.1414 E 859,339.2388	10001 PG 077
PI-F7533-03	198'	44.48'	22.33'	12° 52' 15.27"	N 612,499.8719 E 859,416.5975	N 612,499.6610 E 859,394.2652	N 612,505.0521 E 859,438.3218	10001 PG 078
PI-F7533-04	200'	44.93'	22.56'	12° 52' 15.27"	N 612,510.2846 E 859,460.2654	N 612,505.0521 E 859,438.3218	N 612,510.4976 E 859,482.8234	10001 PG 078
PI-F7534-01	200'	97.31'	49.64'	27° 52' 42.39"	N 612,785.7557 E 860,536.2797	N 612,736.9409 E 860,527.2641	N 612,824.6894 E 860,567.0745	10001 PG 079
PI-F7534-02	OMITTED							
PI-F7534-03	100'	24.51'	12.32'	14° 02' 39.31"	N 612,921.5172 E 860,643.6611	N 612,911.8562 E 860,636.0197	N 612,929.0350 E 860,653.4185	10001 PG 080
PI-F6435-01	200'	39.79'	19.96'	11° 23' 51.26"	N 614,009.6720 E 861,553.2455	N 613,993.9096 E 861,541.0028	N 614,022.7043 E 861,568.3616	10001 PG 082
PI-F6435-02	200'	27.00'	13.52'	7° 44' 03.86"	N 614,031.5322 E 861,578.6011	N 614,022.7043 E 861,568.3616	N 614,041.6578 E 861,587.5595	10001 PG 082
PI-F6435-03	200'	16.85'	8.43'	4° 49' 41.86"	N 614,200.4426 E 861,728.0388	N 614,194.1274 E 861,722.4517	N 614,206.2651 E 861,734.1377	10001 PG 082
PI-F7536-01	100'	56.24'	28.88'	32° 13' 21.11"	N 614,928.9380 E 862,729.3433	N 614,904.0657 E 862,714.6565	N 614,942.1484 E 862,755.0303	10001 PG 083
PI-F7536-02	202'	34.48'	17.28'	9° 46' 51.11"	N 614,976.5178 E 862,821.8597	N 614,968.6132 E 862,806.4896	N 614,981.6964 E 862,838.3491	10001 PG 084
PI-F7536-03	200'	47.89'	24.06'	13° 43' 08.02"	N 614,988.9051 E 862,861.3028	N 614,981.6964 E 862,838.3491	N 615,001.3519 E 862,881.8920	10001 PG 084
PI-F7536-04	100'	62.61'	32.37'	35° 52' 21.82"	N 615,018.0978 E 862,909.5929	N 615,001.3519 E 862,881.8920	N 615,015.4351 E 862,941.8524	10001 PG 084
PI-F6437-01	100'	46.92'	23.90'	26° 53' 00.01"	N 615,526.1982 E 864,190.2715	N 615,514.9572 E 864,169.1797	N 615,545.7615 E 864,204.0009	10001 PG 086
PI-F6437-02	200'	42.37'	21.26'	12° 08' 15.95"	N 615,563.1669 E 864,216.2159	N 615,545.7615 E 864,204.0009	N 615,577.6149 E 864,231.8176	10001 PG 086
PI-F6437-03	202'	67.23'	33.93'	19° 04' 14.42"	N 615,637.1180 E 864,296.0722	N 615,614.0631 E 864,271.1763	N 615,667.0418 E 864,312.0689	10001 PG 086
PI-F7538-01	202'	115.59'	59.43'	32° 47' 12.31"	N 616,584.9591 E 865,232.7705	N 616,526.9505 E 865,219.8671	N 616,626.7392 E 865,275.0307	10001 PG 087
PI-F7538-02	54'	20.10'	10.17'	21° 19' 52.20"	N 616,680.5396 E 865,329.4496	N 616,673.3897 E 865,322.2175	N 616,684.5690 E 865,338.7871	10001 PG 088

VAULT LOCATION TABLE	
VAULT #	CENTER OF VAULT
6427	N 611,645.5160 E 850,442.3416
7527	N 611,637.7751 E 850,478.3982
6428	N 611,519.9198 E 852,090.5133
7528	N 611,511.5818 E 852,126.8161
6429	N 611,450.6104 E 853,304.2319
7529	N 611,500.5647 E 853,361.6191
6430	N 611,945.2115 E 854,870.4862
7530	N 611,930.6813 E 854,836.5913
6431	N 612,228.5270 E 856,372.3442
7531	N 612,214.6280 E 856,338.1855
6432	N 612,464.2583 E 857,817.3873
7532	N 612,462.3819 E 857,854.2176
6433	N 612,508.0852 E 859,333.2363
7533	N 612,500.4254 E 859,369.3102
6434	N 612,862.3088 E 860,585.8965
7534	N 612,884.5295 E 860,612.5853
6435	N 614,064.2711 E 861,605.5364
7535	N 614,093.3641 E 861,645.3214
6436	N 614,981.1902 E 862,811.2663
7536	N 614,957.6114 E 862,782.9108
6437	N 615,594.8010 E 864,251.8479
7537	N 615,564.4709 E 864,230.8699
6438	N 616,636.3680 E 865,271.9690
7538	N 616,655.9889 E 865,303.1943

HANDHOLE LOCATION TABLE	
HANDHOLE #	CENTER OF HANDHOLE
6427	N 611,653.5014 E 850,440.2841
7527	N 611,629.8760 E 850,492.4481
6428	N 611,527.6012 E 852,071.0447
7528	N 611,503.4502 E 852,140.9254
6429	N 611,480.6214 E 853,322.5117
7529	N 611,522.5594 E 853,382.0418
6430	N 611,948.8769 E 854,849.4431
7530	N 611,920.2264 E 854,824.3156
6431	N 612,236.9554 E 856,389.1731
7531	N 612,206.1996 E 856,321.3567
6432	N 612,465.4986 E 857,788.7786
7532	N 612,461.6406 E 857,885.7730
6433	N 612,514.4055 E 859,314.1758
7533	N 612,493.8462 E 859,388.2780
6434	N 612,860.7424 E 860,572.6414
7534	N 612,890.2701 E 860,627.8709
6435	N 614,064.2711 E 861,598.2195
7535	N 614,108.0145 E 861,668.2968
6436	N 614,989.2192 E 862,809.3861
7536	N 614,949.5824 E 862,784.7910
6437	N 615,602.0296 E 864,247.8797
7537	N 615,559.9601 E 864,237.7729
6438	N 616,640.6510 E 865,264.9223
7538	N 616,651.7059 E 865,310.2410

ISSUED FOR CONSTRUCTION



date 6/15/06
designed C. COURTRIGHT
detailed L. ROWSE
checked S. NEWLAND

no.	date	revisions	by	chk
4	8/07/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
3	7/26/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
2	7/03/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
1	6/20/06	ISSUED FOR CONSTRUCTION	CTC	

NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

TOWN OF FAIRFIELD ROUTE

DATA TABLES

BY	SEN-BMCD	CHKD	APP	APP
DATE	6-15-06	DATE	DATE	DATE
SCALE	AS NOTED	DWG. NO.	01224-10002 PG 010	

MF NO. DATE REVISIONS BY CHK APP APP

Table with 8 columns: CURVE NO., RADIUS, CURVE LENGTH, TANGENT LENGTH, DEFLECTION ANGLE, POINT OF INTERSECTION, POINT OF CURVATURE, POINT OF TANGENCY, SHEET REFERENCE. Contains data for curves PI-B-01 through PI-B-37.

Table with 8 columns: CURVE NO., RADIUS, CURVE LENGTH, TANGENT LENGTH, DEFLECTION ANGLE, POINT OF INTERSECTION, POINT OF CURVATURE, POINT OF TANGENCY, SHEET REFERENCE. Contains data for curves PI-B-38 through PI-B-74.

Table with 8 columns: CURVE NO., RADIUS, CURVE LENGTH, TANGENT LENGTH, DEFLECTION ANGLE, POINT OF INTERSECTION, POINT OF CURVATURE, POINT OF TANGENCY, SHEET REFERENCE. Contains data for curves PI-B-75 through PI-B-109.

ISSUED FOR CONSTRUCTION



Revisions table with columns: no., date, revisions, by, chk. Includes entries for 8/07/06, 7/26/06, 7/03/06, and 6/20/06.

date 06/15/06 detailed L. ROWSE designed C. COURTRIGHT checked S. NEWLAND

NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

CITY OF BRIDGEPORT ROUTE DATA TABLES

BY SEN-BMCD CHKD APP DATE 6-15-06 DATE DATE SCALE AS NOTED D DWG. NO. 01224-10002 PG 011

Project information table with columns: MF, NO., DATE, REVISIONS, BY, CHK, APP, APP. Includes drawing number 01224-10002 PG 011.

CURVE DATA TABLE								
CURVE NO.	RADIUS	CURVE LENGTH	TANGENT LENGTH	DEFLECTION ANGLE	POINT OF INTERSECTION	POINT OF CURVATURE	POINT OF TANGENCY	SHEET REFERENCE
PI-B7539-01	100'	79.02'	41.70'	45°16'31.47"	N 617,622.1783 E 866,421.1907	N 617,590.5129 E 866,394.0529	N 617,625.1799 E 866,462.7857	10001 PG 089
PI-B7539-02	100'	27.80'	13.99'	15°55'50.92"	N 617,626.1870 E 866,476.7419	N 617,625.1799 E 866,462.7857	N 617,630.9861 E 866,489.8857	10001 PG 089
PI-B7539-03	202'	50.91'	25.59'	14°26'21.73"	N 617,661.5104 E 866,573.4858	N 617,652.7340 E 866,549.4489	N 617,664.0159 E 866,598.9519	10001 PG 090
PI-B6440-01	200'	9.37'	4.69'	2°41'05.92"	N 617,856.0619 E 867,939.3997	N 617,855.5791 E 867,934.7376	N 617,856.7626 E 867,944.0341	10001 PG 091
PI-B6440-02	100'	25.48'	12.81'	14°36'02.41"	N 617,873.6952 E 868,056.0228	N 617,871.7799 E 868,043.3559	N 617,878.7416 E 868,067.7978	10001 PG 092
PI-B6440-03	98'	10.33'	5.17'	6°02'24.93"	N 617,914.2841 E 868,150.7302	N 617,912.2473 E 868,145.9778	N 617,915.8094 E 868,155.6706	10001 PG 092
PI-B6440-04	200'	38.68'	19.40'	11°04'50.47"	N 617,921.5327 E 868,174.2071	N 617,915.8094 E 868,155.6706	N 617,930.7118 E 868,191.2981	10001 PG 092
PI-B6442-01	150'	93.47'	48.31'	35°42'10.30"	N 620,132.9988 E 870,089.7298	N 620,110.2870 E 870,047.0934	N 620,176.3238 E 870,111.0988	10001 PG 096
PI-B6442-02	200'	33.50'	16.79'	9°35'53.59"	N 620,191.3831 E 870,118.5263	N 620,176.3238 E 870,111.0988	N 620,204.9930 E 870,128.3609	10001 PG 096
PI-B6442-03	200'	47.41'	23.82'	13°34'54.36"	N 620,278.0127 E 870,181.1248	N 620,258.7088 E 870,167.1758	N 620,300.0525 E 870,190.1505	10001 PG 096
PI-B7543-01	400'	19.78'	9.89'	2°50'01.91"	N 621,439.9555 E 870,998.2011	N 621,446.7088 E 871,005.4319	N 621,432.8529 E 870,991.3130	10001 PG 098
PI-B7543-02	400'	49.96'	25.01'	7°09'22.26"	N 621,463.7813 E 871,023.7116	N 621,446.7088 E 871,005.4319	N 621,482.9980 E 871,039.7220	10001 PG 098
PI-B6444-01	102'	31.31'	15.78'	17°35'16.09"	N 622,107.3614 E 872,315.3334	N 622,110.4689 E 872,299.8631	N 622,109.0739 E 872,331.0196	10001 PG 100
PI-B6444-02	102'	40.87'	20.72'	22°57'35.86"	N 622,123.5296 E 872,463.4367	N 622,121.2815 E 872,442.8440	N 622,133.6325 E 872,481.5210	10001 PG 100
PI-B6444-03	150'	25.60'	12.83'	9°46'36.20"	N 622,139.8893 E 872,492.7206	N 622,133.6325 E 872,481.5210	N 622,144.1533 E 872,504.8201	10001 PG 100
PI-B6445-01	54'	50.66'	27.37'	53°45'05.14"	N 622,252.0434 E 873,797.6939	N 622,268.7227 E 873,775.9972	N 622,259.6786 E 873,823.9742	10001 PG 102
PI-B6445-02	400'	57.27'	28.68'	8°12'09.78"	N 622,301.8982 E 873,696.2934	N 622,293.8961 E 873,941.7504	N 622,305.8987 E 873,997.6963	10001 PG 102
PI-B6446-01	400'	64.23'	32.18'	9°11'59.27"	N 622,445.1524 E 875,224.0148	N 622,440.2257 E 875,192.2116	N 622,444.9310 E 875,256.1966	10001 PG 103
PI-B6446-02	400'	46.59'	23.32'	6°40'27.04"	N 622,444.7706 E 875,279.5197	N 622,444.9310 E 875,256.1966	N 622,447.3219 E 875,302.7034	10001 PG 103
PI-B6446-03	400'	8.76'	4.38'	1°15'16.93"	N 622,458.1955 E 875,401.5099	N 622,457.7164 E 875,397.1562	N 622,458.7699 E 875,405.8520	10001 PG 104
PI-B6447-01	150'	96.53'	50.00'	36°52'11.49"	N 622,554.6361 E 876,838.7382	N 622,560.4381 E 876,789.0760	N 622,579.7917 E 876,881.9492	10001 PG 106
PI-B6447-02	200'	81.11'	41.12'	23°14'12.21"	N 622,646.4674 E 876,996.4810	N 622,625.7790 E 876,960.9435	N 622,651.4571 E 877,037.2981	10001 PG 106
PI-B6448-01	75'	32.85'	16.69'	25°05'45.11"	N 622,786.3238 E 878,478.7467	N 622,791.7215 E 878,462.9505	N 622,788.1354 E 878,495.3410	10001 PG 108
PI-B6448-02	202'	78.24'	39.62'	22°11'29.48"	N 622,801.1597 E 878,614.6464	N 622,796.8605 E 878,575.2651	N 622,820.0149 E 878,649.4868	10001 PG 108
PI-B7549-01	100'	140.23'	84.42'	80°20'39.83"	N 623,012.0167 E 879,493.2399	N 623,003.6179 E 879,409.2354	N 622,930.6109 E 879,515.6095	10001 PG 109
PI-B7549-02	201'	53.96'	27.14'	15°23'17.11"	N 622,844.7917 E 879,539.1919	N 622,870.9646 E 870,531.9998	N 622,817.6486 E 879,539.1810	10001 PG 110
PI-B7549-03	300'	80.35'	40.41'	15°20'43.02"	N 622,777.2338 E 879,539.1648	N 622,817.6486 E 879,539.1810	N 622,738.2554 E 879,549.8444	10001 PG 110
PI-SS-1	100'	52.69'	26.97'	30°11'23.58"	N 622,084.4588 E 879,950.9863	N 622,076.9553 E 879,925.0784	N 622,077.9164 E 879,977.1534	10001 PG 111

VAULT LOCATION TABLE	
VAULT #	CENTER OF VAULT
6439	N 617,639.0376 E 866,485.6963
7539	N 617,643.8700 E 866,522.2564
6440	N 617,865.3758 E 868,007.6151
7540	N 617,897.5413 E 868,129.4339
6441	N 618,988.2543 E 869,180.2747
7541	N 618,967.9307 E 869,223.2016
6442	N 620,237.0493 E 870,152.7584
7542	N 620,191.3265 E 870,129.5892
6443	N 621,536.3928 E 871,072.4937
7543	N 621,558.9304 E 871,101.6837
6444	N 622,110.9014 E 872,356.9745
7544	N 622,106.8555 E 872,393.6300
6445	N 622,264.1059 E 873,842.7969
7545	N 622,266.3481 E 873,879.1863
6446	N 622,455.1939 E 875,291.9599
7546	N 622,451.1800 E 875,328.6189
6447	N 622,593.0498 E 876,906.7108
7547	N 622,604.2481 E 876,941.8476
6448	N 622,789.4156 E 878,516.2825
7548	N 622,785.3697 E 878,552.9380
6449	N 622,872.3502 E 879,540.9364
7549	N 622,904.7777 E 879,523.7435

HANDHOLE LOCATION TABLE	
HANDHOLE #	CENTER OF HANDHOLE
6439	N 617,646.2646 E 866,478.9163
7539	N 617,643.8111 E 866,542.5048
6440	N 617,858.0859 E 868,989.5014
7540	N 617,909.1619 E 868,145.1250
6441	N 619,007.0797 E 869,181.5404
7541	N 619,007.0797 E 869,181.5404
6442	N 620,230.3873 E 870,138.0745
7542	N 620,185.0199 E 870,134.9021
6443	N 621,526.0842 E 871,056.7463
7543	N 621,564.5656 E 871,116.7914
6444	N 622,123.0090 E 872,354.1197
7544	N 622,099.1198 E 872,396.4864
6445	N 622,271.2326 E 873,838.6541
7545	N 622,258.1054 E 873,879.4879
6446	N 622,462.9271 E 875,289.0968
7546	N 622,443.4468 E 875,331.4820
6447	N 622,603.0308 E 876,898.5861
7547	N 622,604.3779 E 876,957.9715
6448	N 622,797.1513 E 878,513.4262
7548	N 622,777.1999 E 878,551.8180
6449	N 622,872.5317 E 879,549.1740
7549	N 622,904.5961 E 879,515.5059

ISSUED FOR CONSTRUCTION



date 06/15/06
designed C. COURTRIGHT
detailed L. ROWSE
checked S. NEWLAND

no.	date	revisions	by	chk
4	8/07/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
3	7/26/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
2	7/03/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
1	6/20/06	ISSUED FOR CONSTRUCTION	CTC	

NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

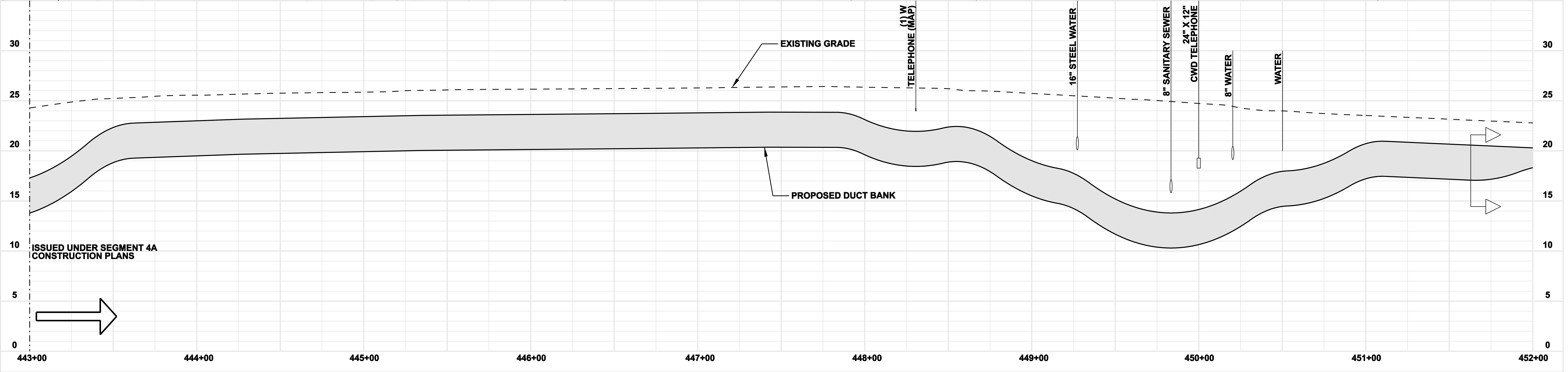
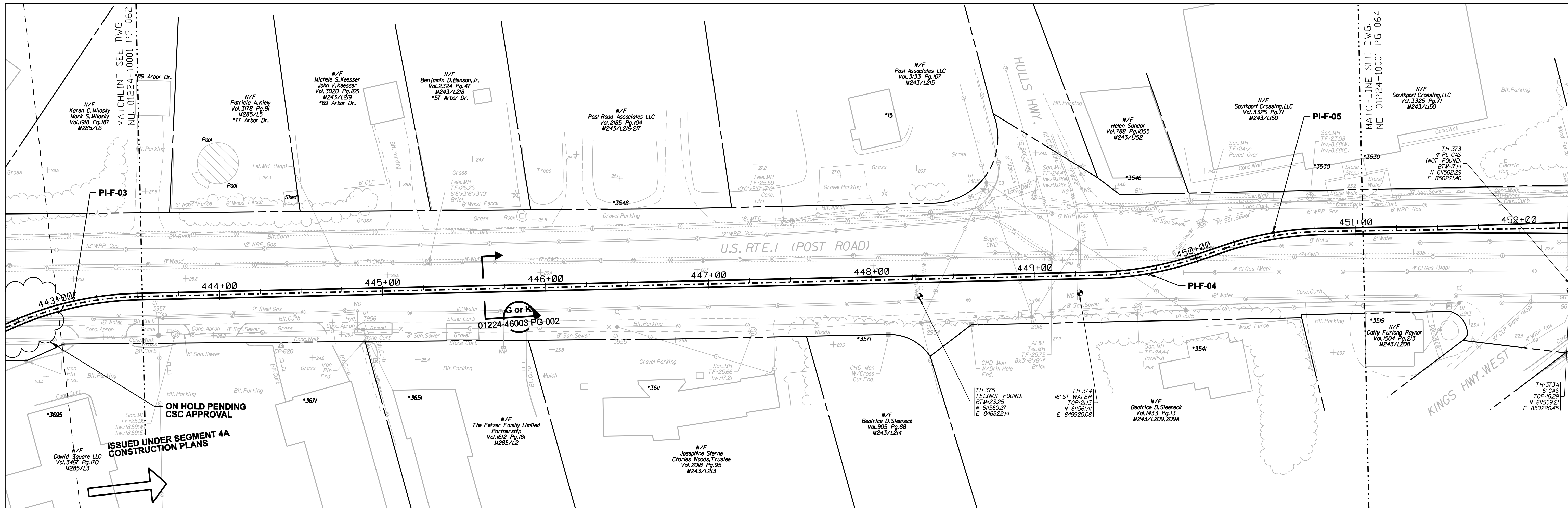
CITY OF BRIDGEPORT ROUTE

DATA TABLES

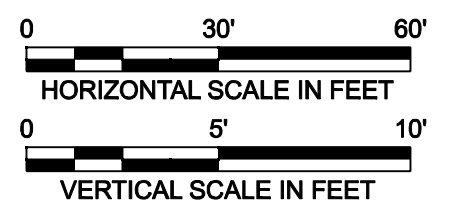
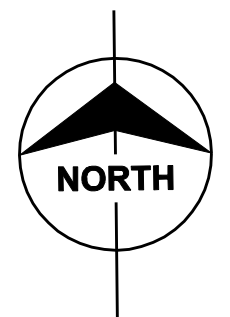
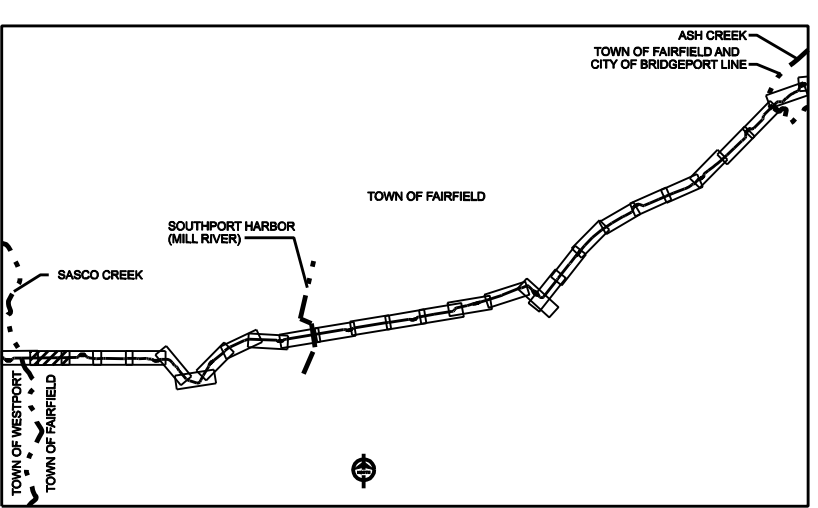
BY	SEN-BMCD	CHKD	APP	DATE	DATE

SCALE AS NOTED

DWG. NO. 01224-10002 PG 012



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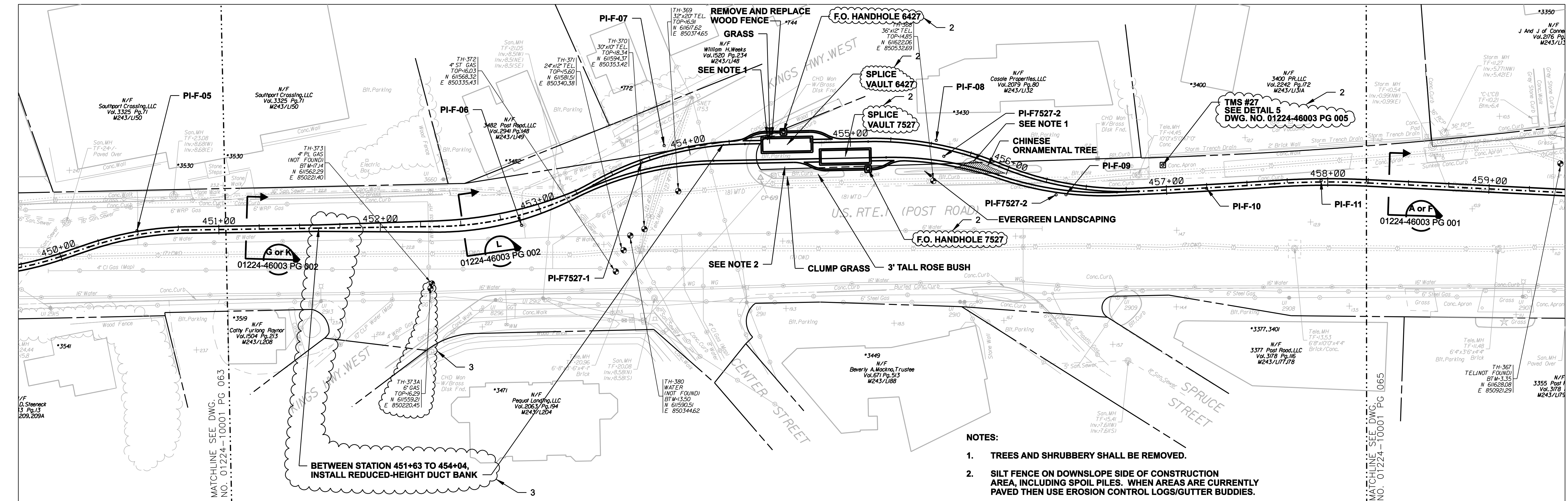
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1	6/20/06	ISSUED FOR CONSTRUCTION	CTC	



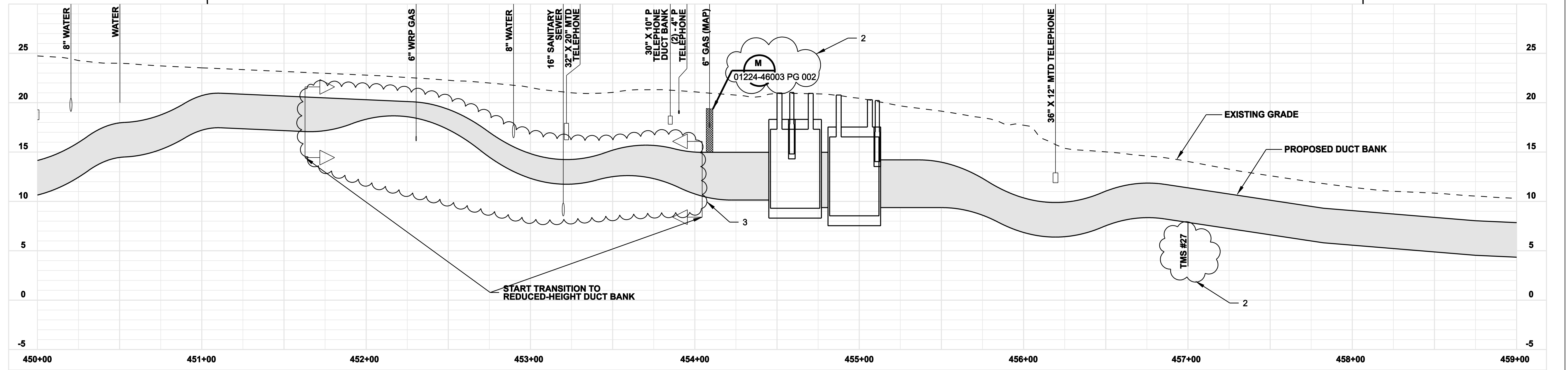
date 08/15/05
designed C. COURTRIGHT
detailed L. ROWSE
checked S. NEWLAND

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

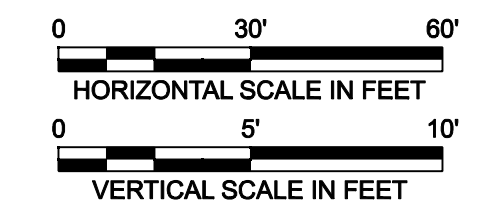
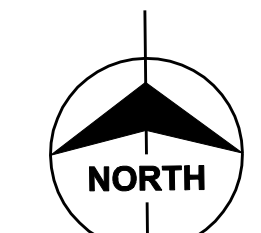
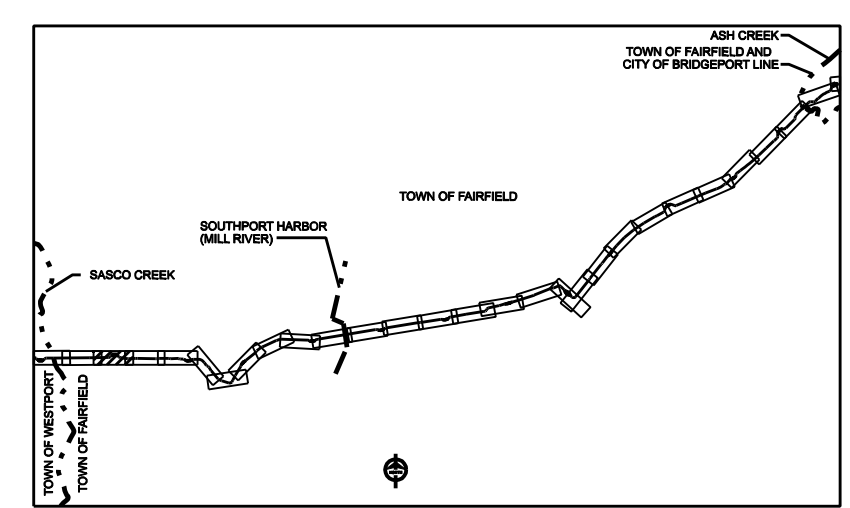
NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
TOWN OF FAIRFIELD ROUTE PLAN AND PROFILE Sta. 443+00 to 452+00			
BY SEN-BMCD	CHKD	APP	APP
DATE 8-15-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO.		
	01224-10001 PG 063		



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



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no.	date	revisions	by	chk
3	8/07/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
2	7/03/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
1	6/20/06	ISSUED FOR CONSTRUCTION	CTC	



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

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

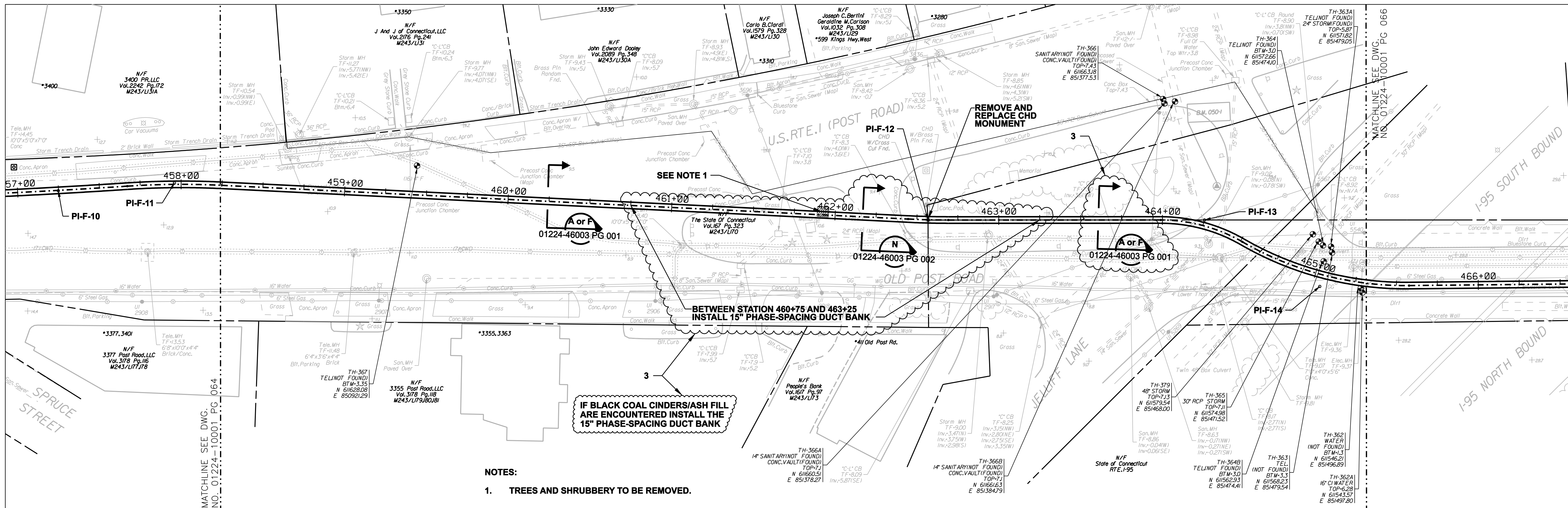
NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

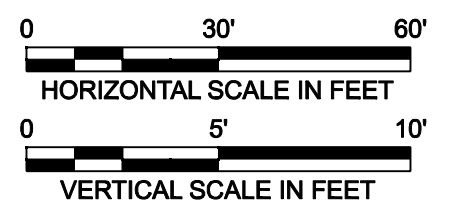
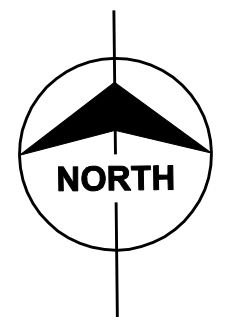
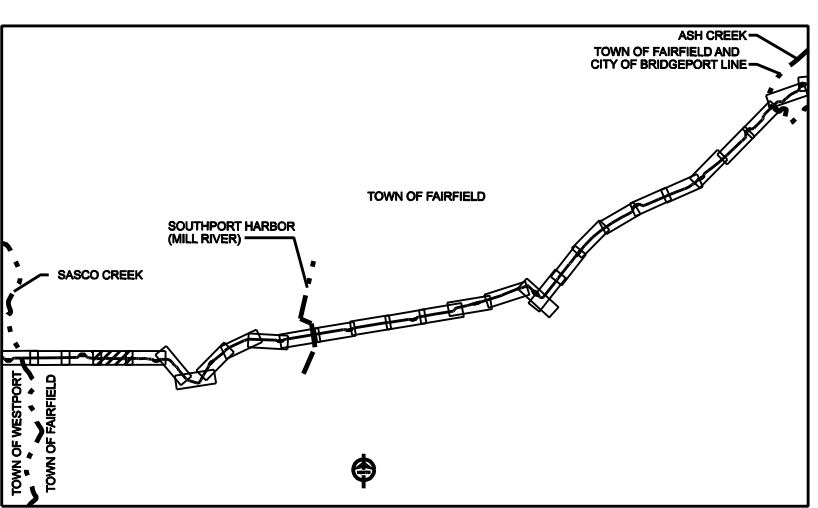
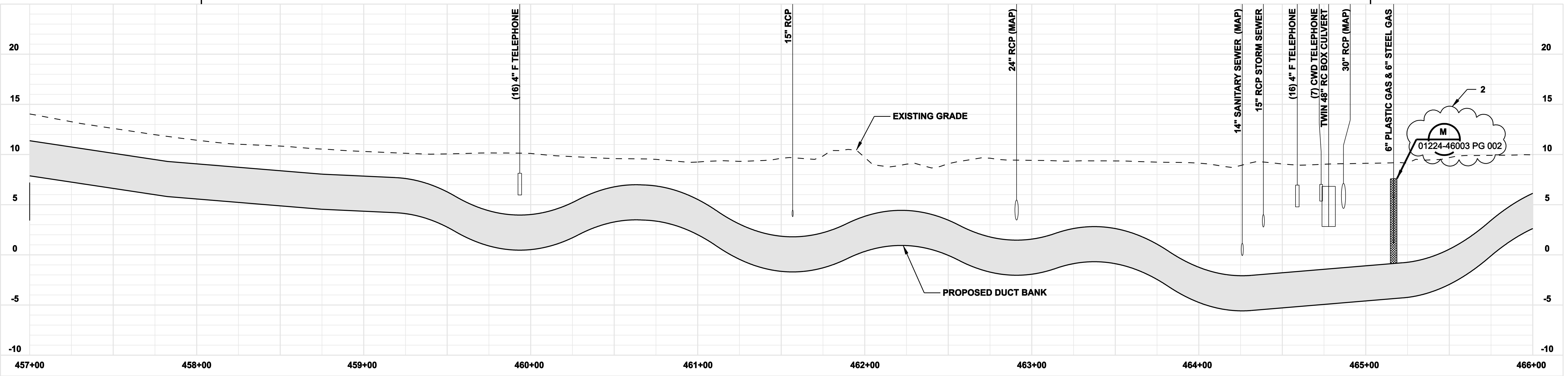
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

TOWN OF FAIRFIELD ROUTE
 PLAN AND PROFILE Sta. 450+00 to 459+00

BY SEN-BMCD	CHKD	APP	APP
DATE 8-15-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 064	



- NOTES:**
- TREES AND SHRUBBERY TO BE REMOVED.



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CONSTRUCTION**

DOCKET No. 272

no.	date	revisions	by	chk
3	7/26/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
2	7/03/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
1	6/20/06	ISSUED FOR CONSTRUCTION	CTC	



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

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

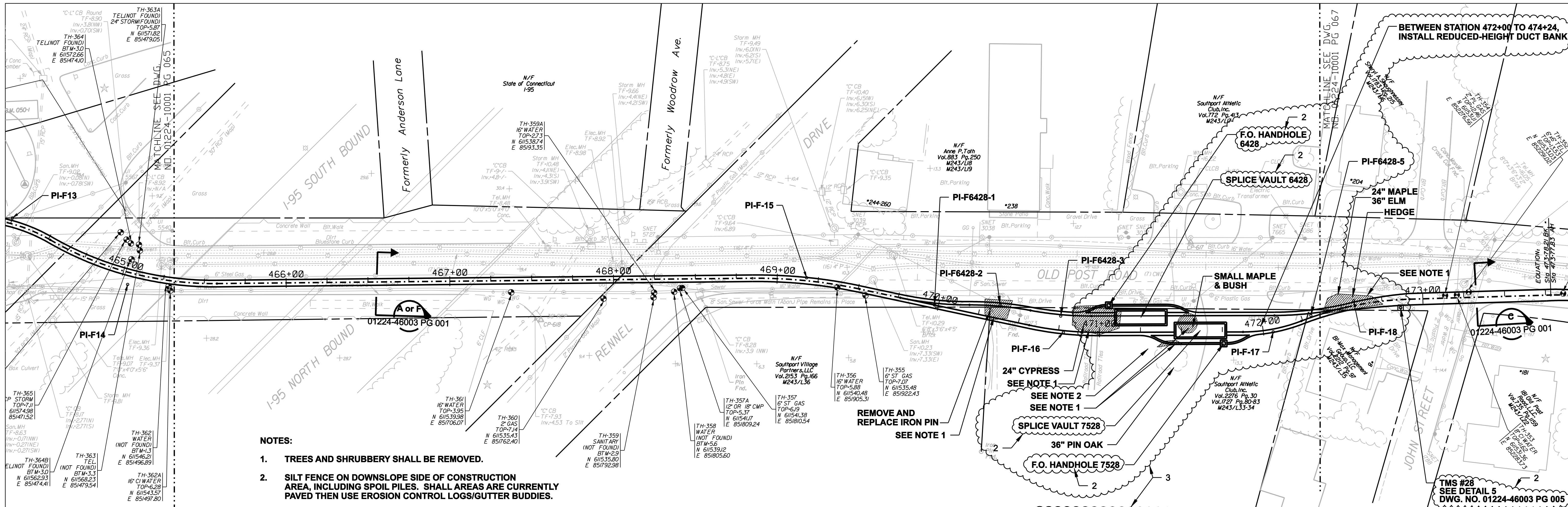
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TOWN OF FAIRFIELD ROUTE
PLAN AND PROFILE Sta. 457+00 to 466+00

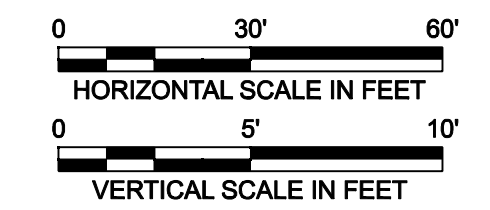
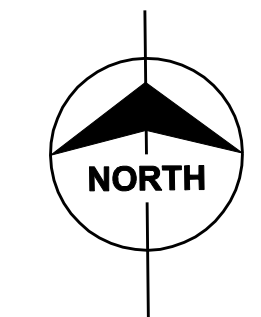
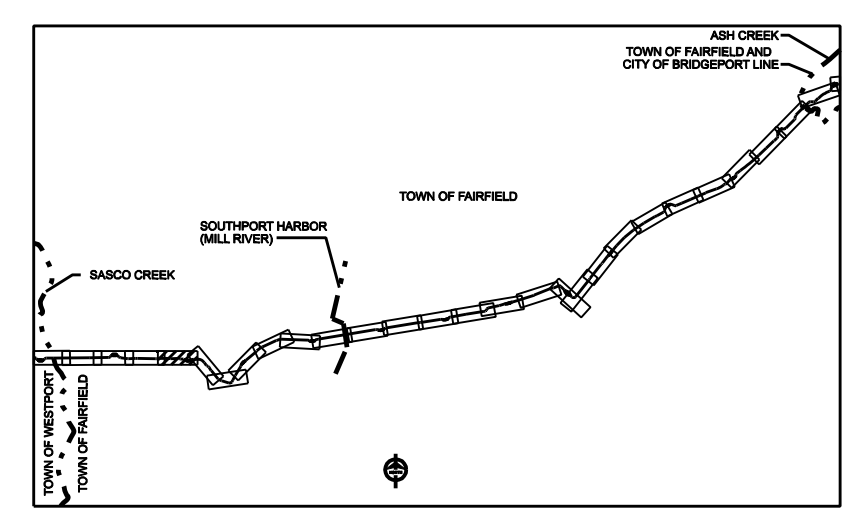
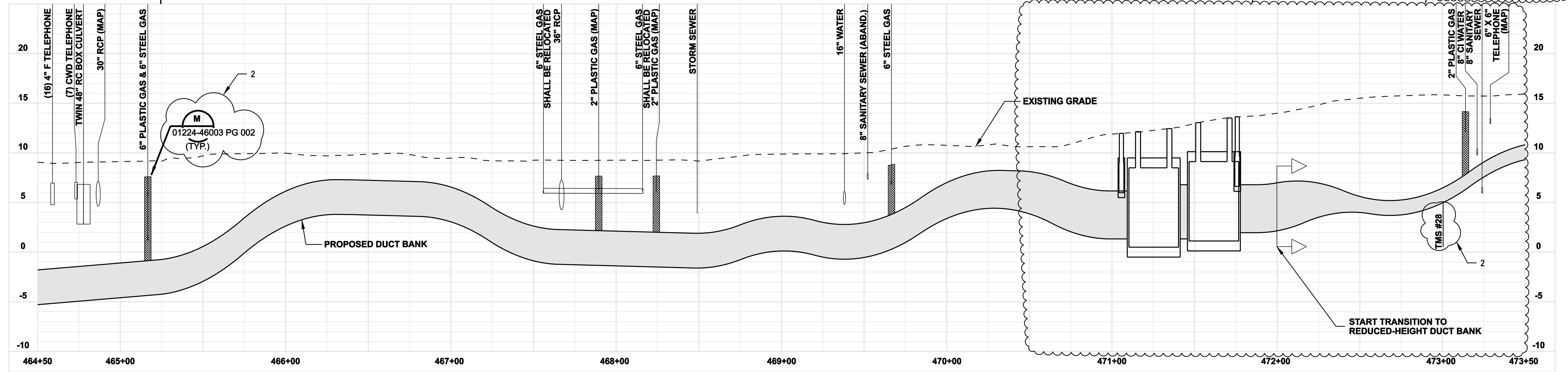
BY SEN-BMCD	CHKD	APP	APP
DATE 8-15-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO.	01224-10001 PG 065	

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



ISSUED FOR CONSTRUCTION

DOCKET No. 272

no.	date	revisions	by	chk
3	8/07/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
2	7/03/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
1	6/20/06	ISSUED FOR CONSTRUCTION	CTC	

Burns & McDonnell
SINCE 1898

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

MF NO.	DATE	REVISIONS	BY	CHK	APP	APP

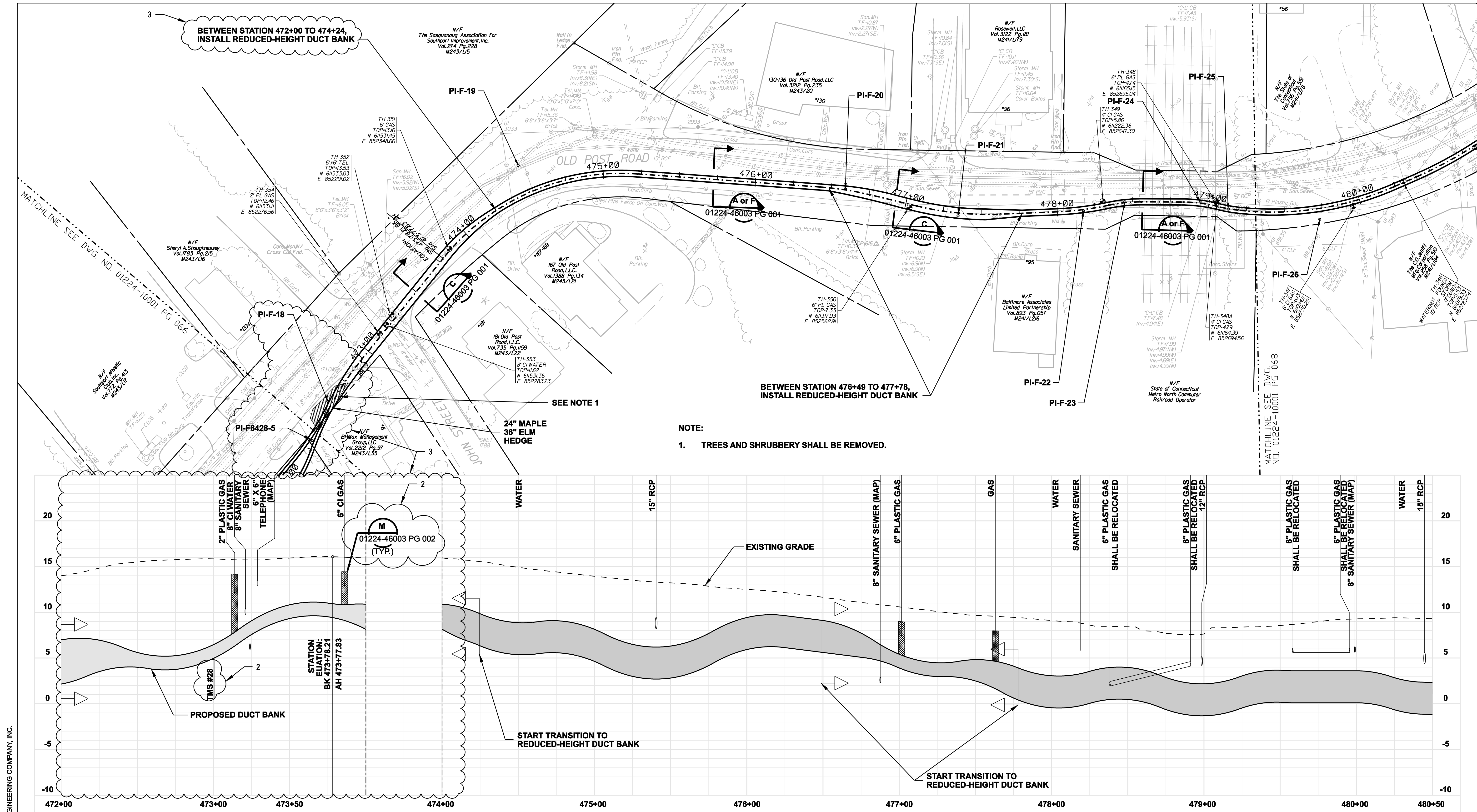
NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE: MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

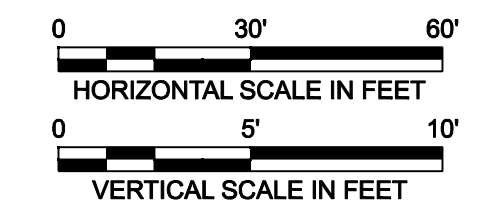
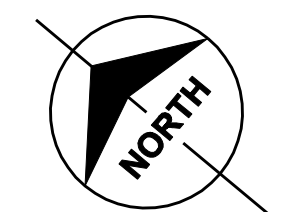
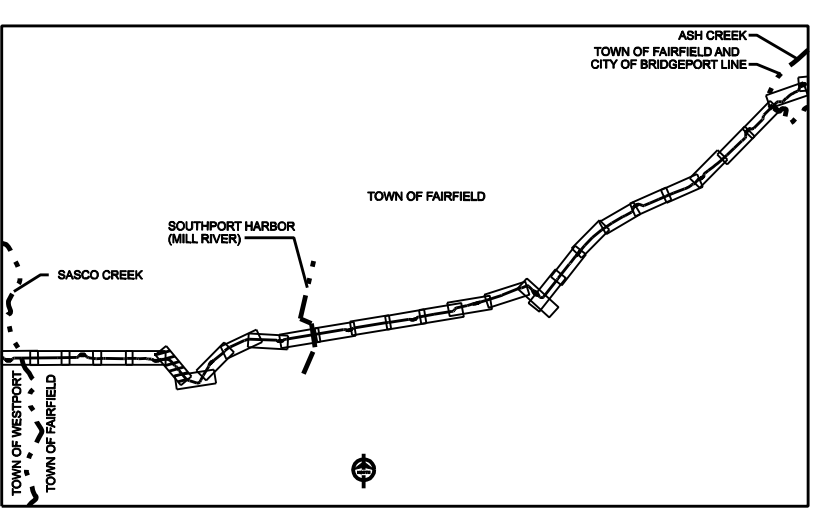
TOWN OF FAIRFIELD ROUTE
PLAN AND PROFILE Sta. 464+50 to 473+50

BY SEN-BMCD	CHKD	APP	APP
DATE 8-15-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 066	



NOTE:
1. TREES AND SHRUBBERY SHALL BE REMOVED.

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ISSUED FOR
CONSTRUCTION

DOCKET No. 272

no.	date	revisions	by	chk
3	8/07/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
2	7/03/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
1	6/20/06	ISSUED FOR CONSTRUCTION	CTC	



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

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

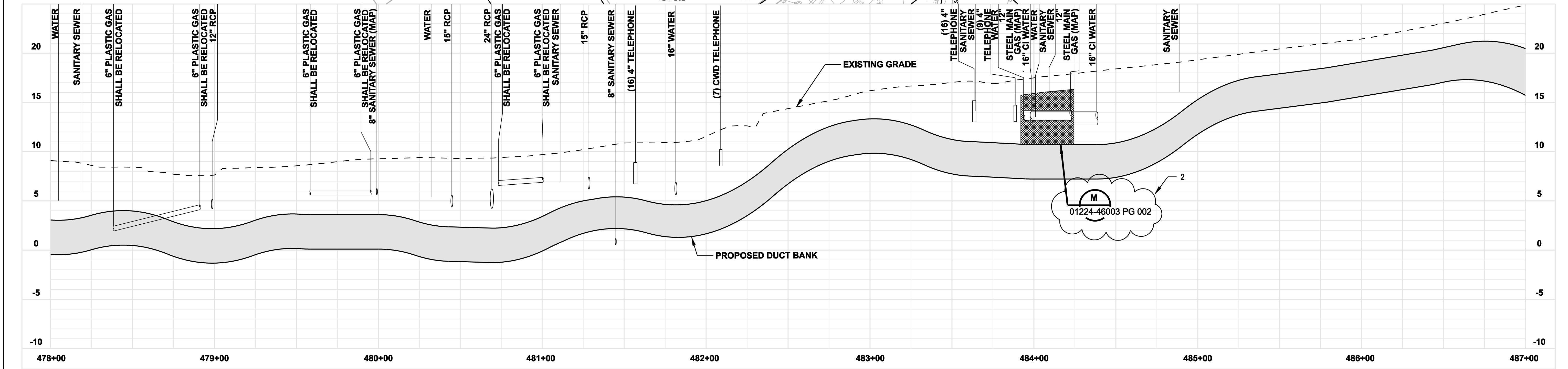
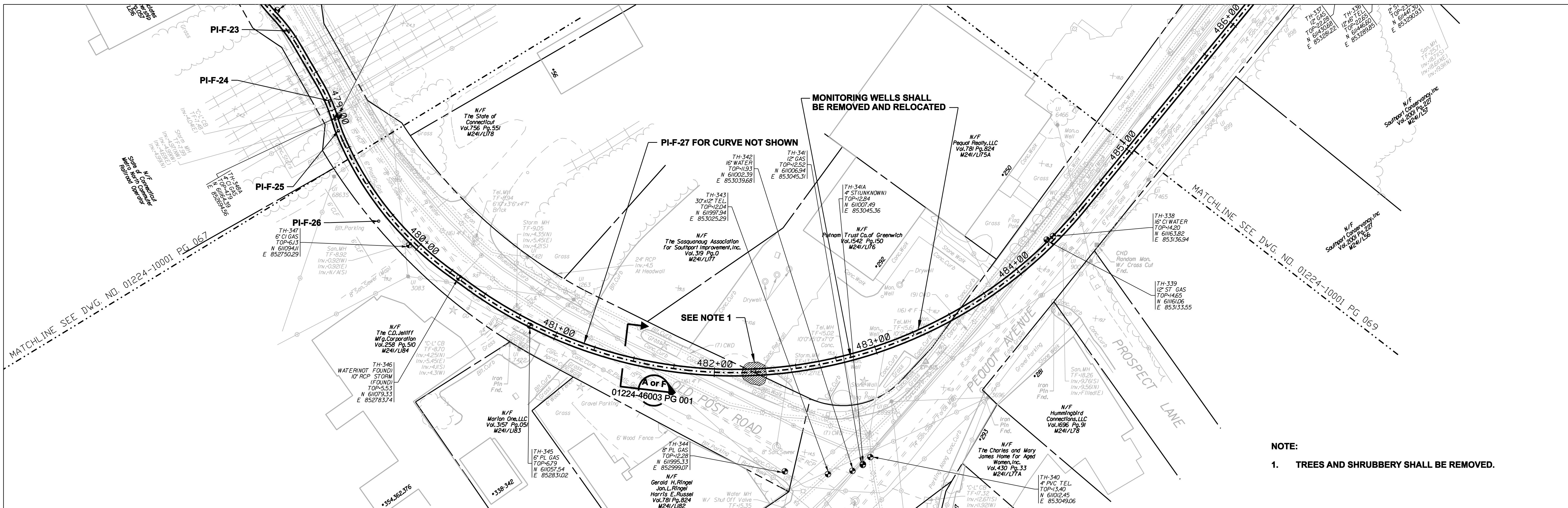
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FOR THE CONNECTICUT LIGHT & POWER COMPANY

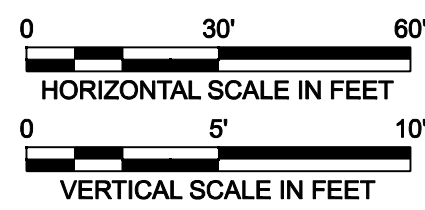
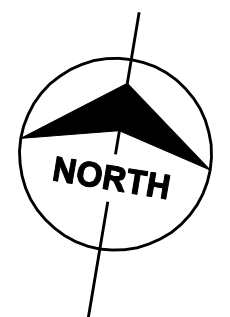
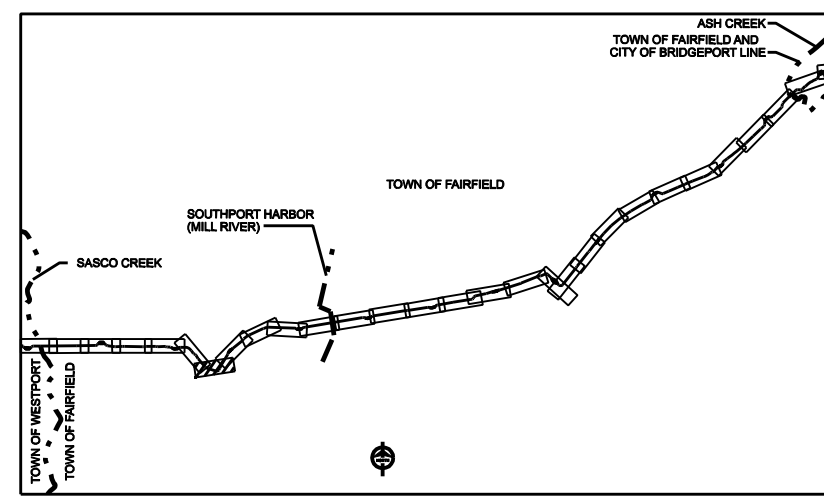
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

TOWN OF FAIRFIELD ROUTE
PLAN AND PROFILE Sta. 472+00 to 480+50

BY SEN-BMCD	CHKD	APP	APP
DATE 8-15-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 067	



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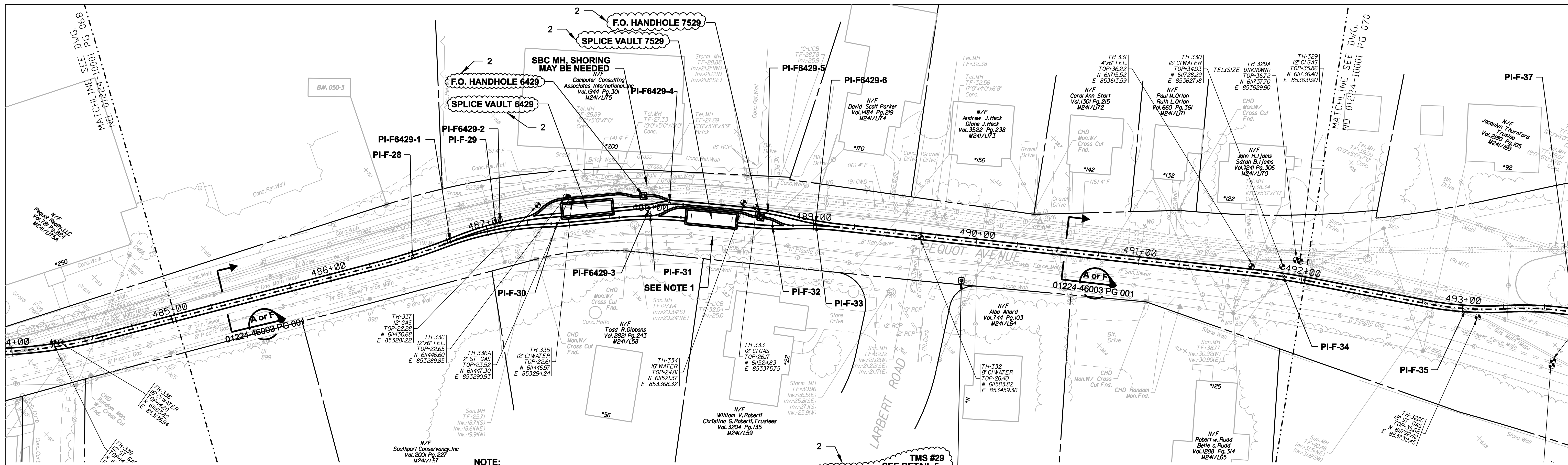


no.	date	revisions	by	chk
2	7/03/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
1	6/20/06	ISSUED FOR CONSTRUCTION	CTC	

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

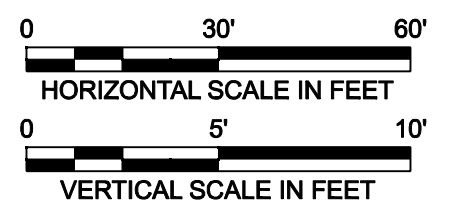
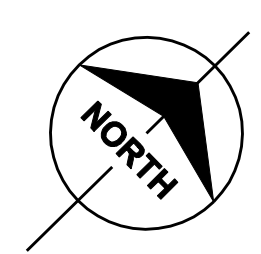
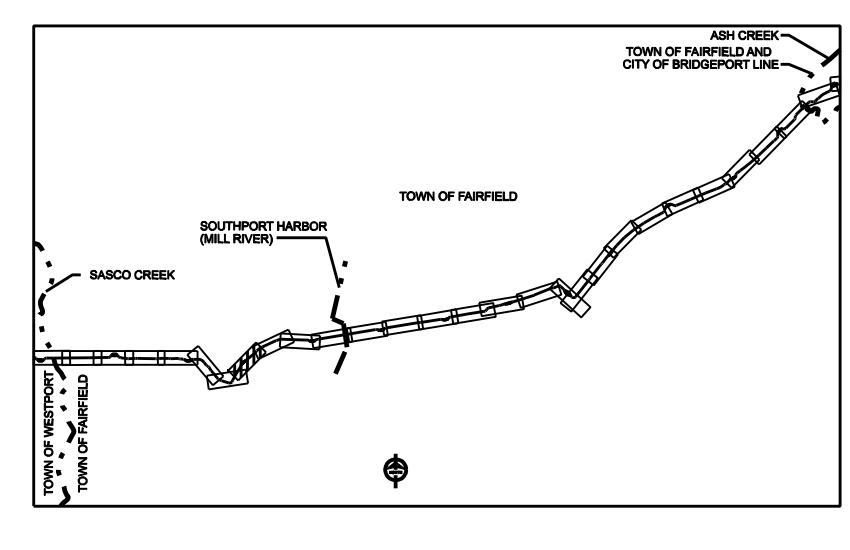
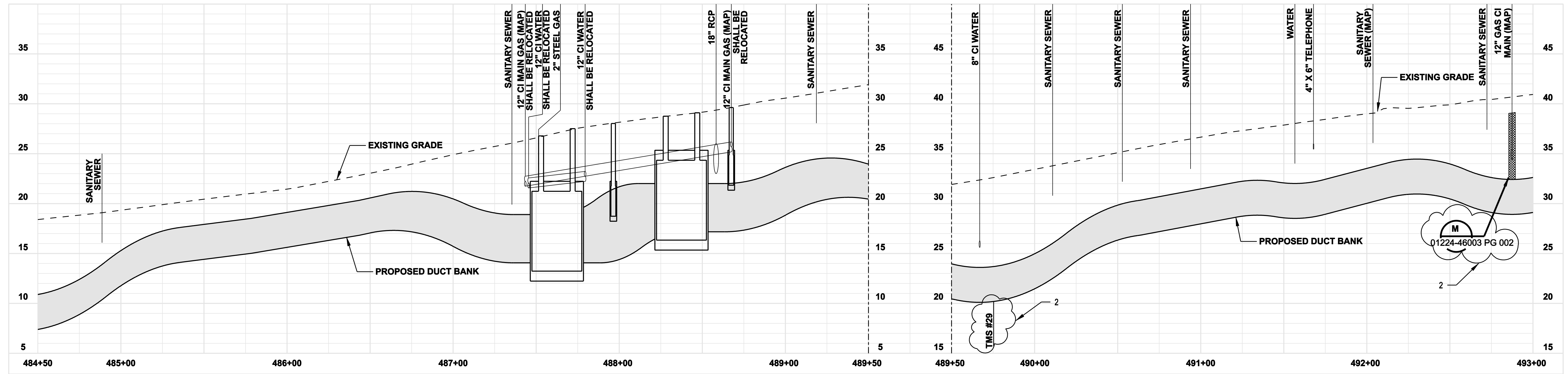
MF NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
TOWN OF FAIRFIELD ROUTE PLAN AND PROFILE Sta. 478+00 to 487+00			
BY SEN-BMCD	CHKD	APP	APP
DATE 8-15-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO. 01224-10001 PG 068		



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

TMS #29
 SEE DETAIL 5
 DWG. NO. 01224-46003 PG 005



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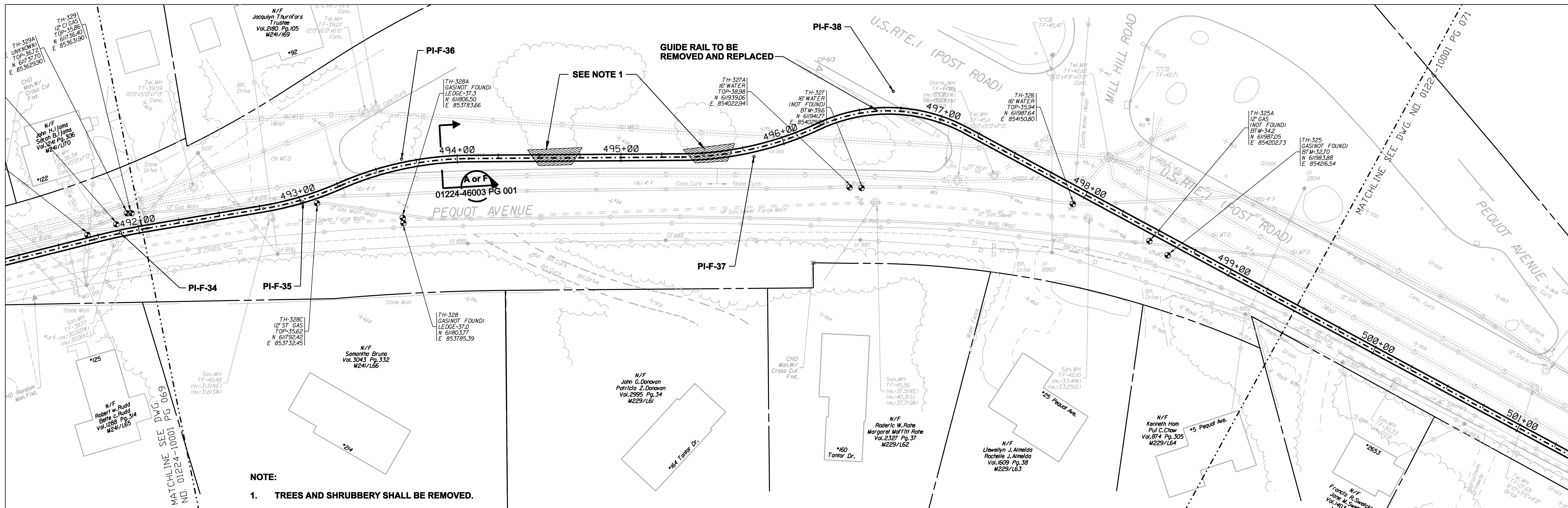


no.	date	revisions	by	chk
2	7/03/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
1	6/20/06	ISSUED FOR CONSTRUCTION	CTC	

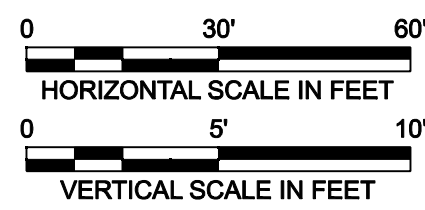
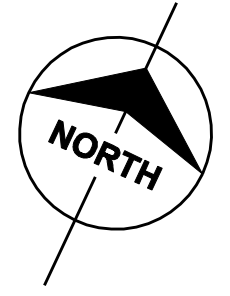
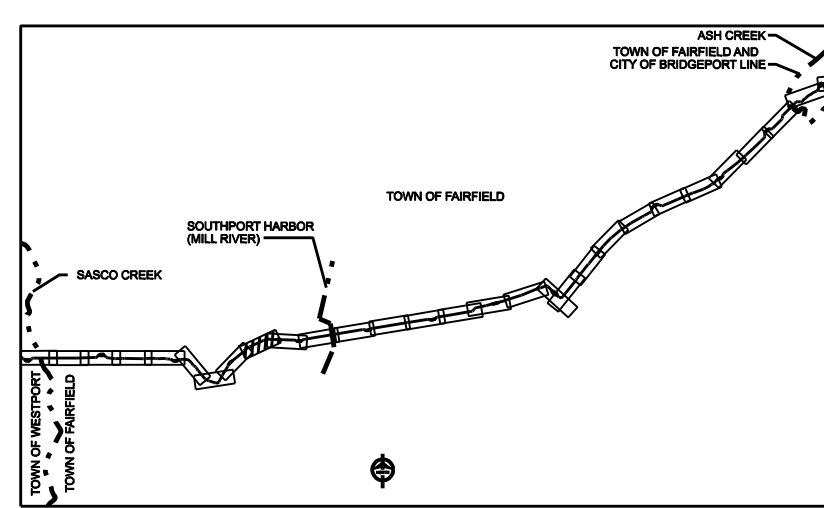
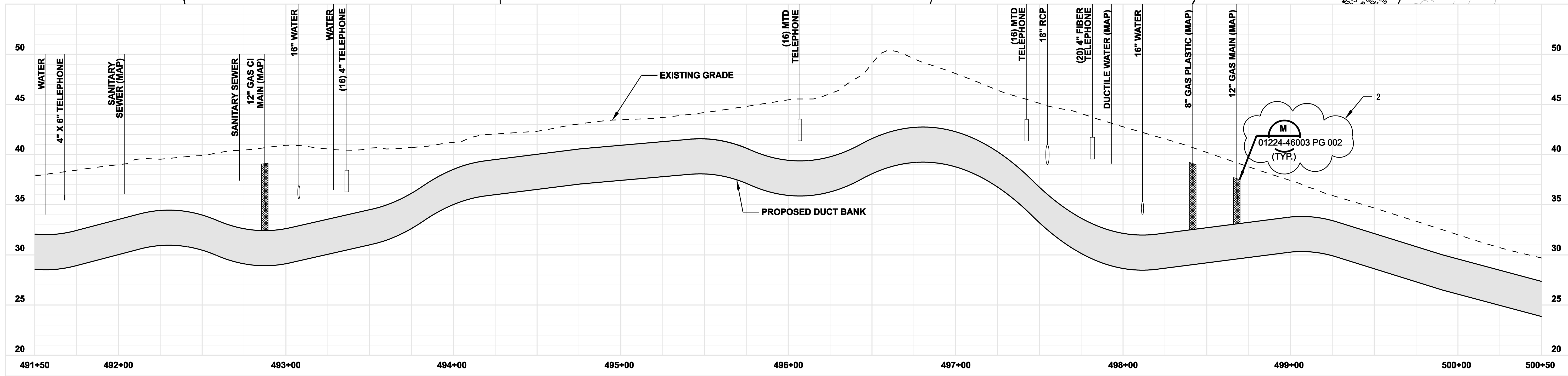
date: 08/15/05
 detailed: L. ROWSE
 designed: C. COURTRIGHT
 checked: S. NEWLAND

NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE: MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT			
TOWN OF FAIRFIELD ROUTE PLAN AND PROFILE Sta. 484+50 to 493+00			
BY SEN-BMCD	CHKD	APP	APP
DATE 8-15-05	DATE	DATE	DATE
SCALE AS NOTED	DWG. NO.	01224-10001 PG 069	

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NOTE:
 1. TREES AND SHRUBBERY SHALL BE REMOVED.



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Burns & McDonnell
SINCE 1898

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

MF	NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

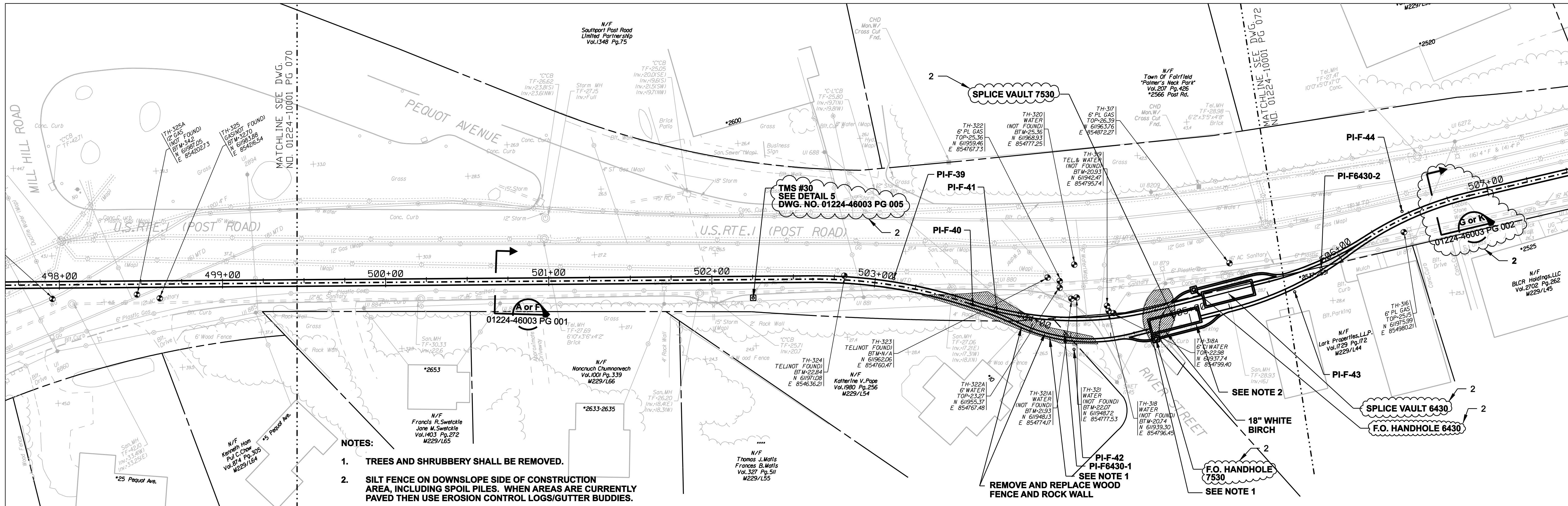
FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE: MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT

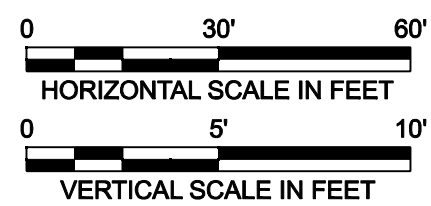
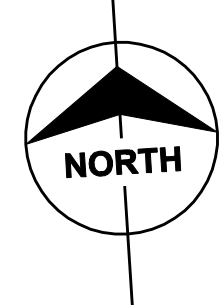
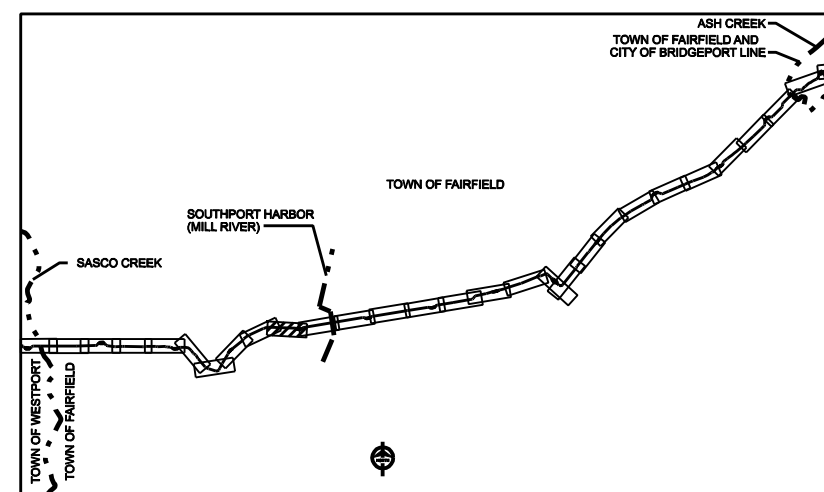
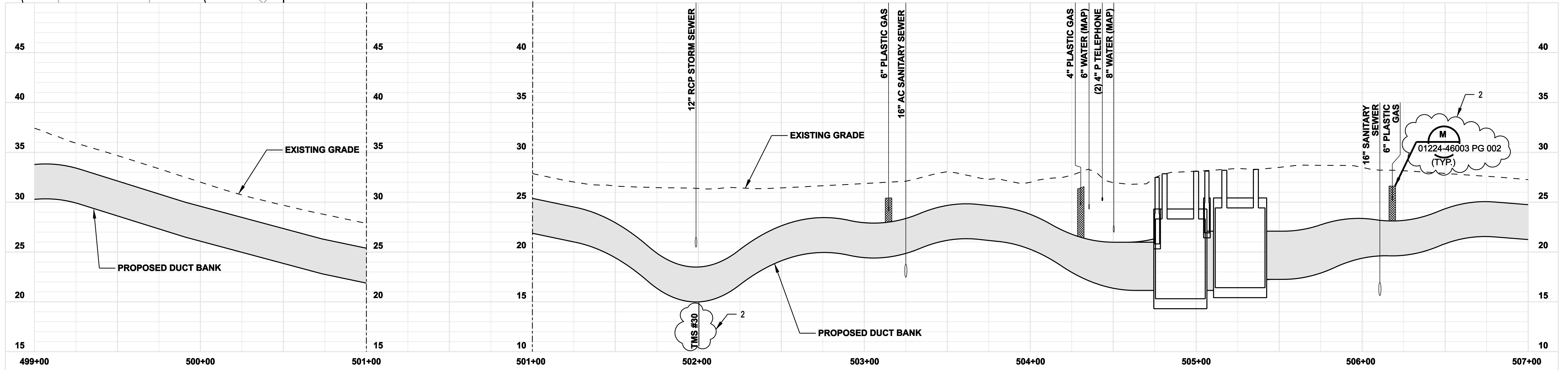
TOWN OF FAIRFIELD ROUTE
 PLAN AND PROFILE Sta. 491+50 to 500+50

BY SEN-BMCD	CHKD	APP	APP
DATE 8-15-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO. 01224-10001 PG 070	

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



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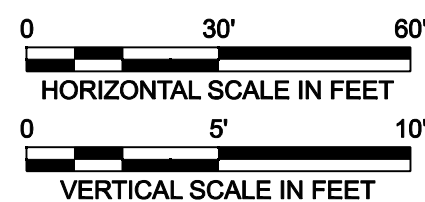
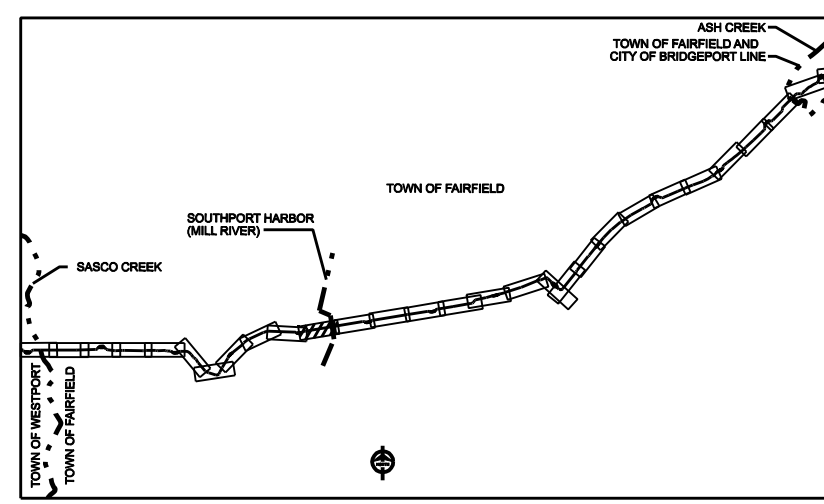
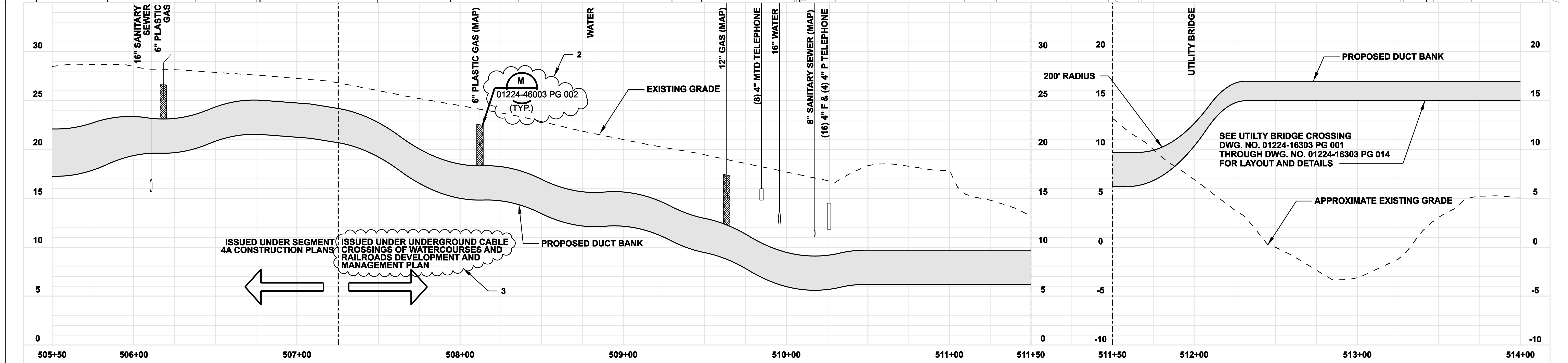
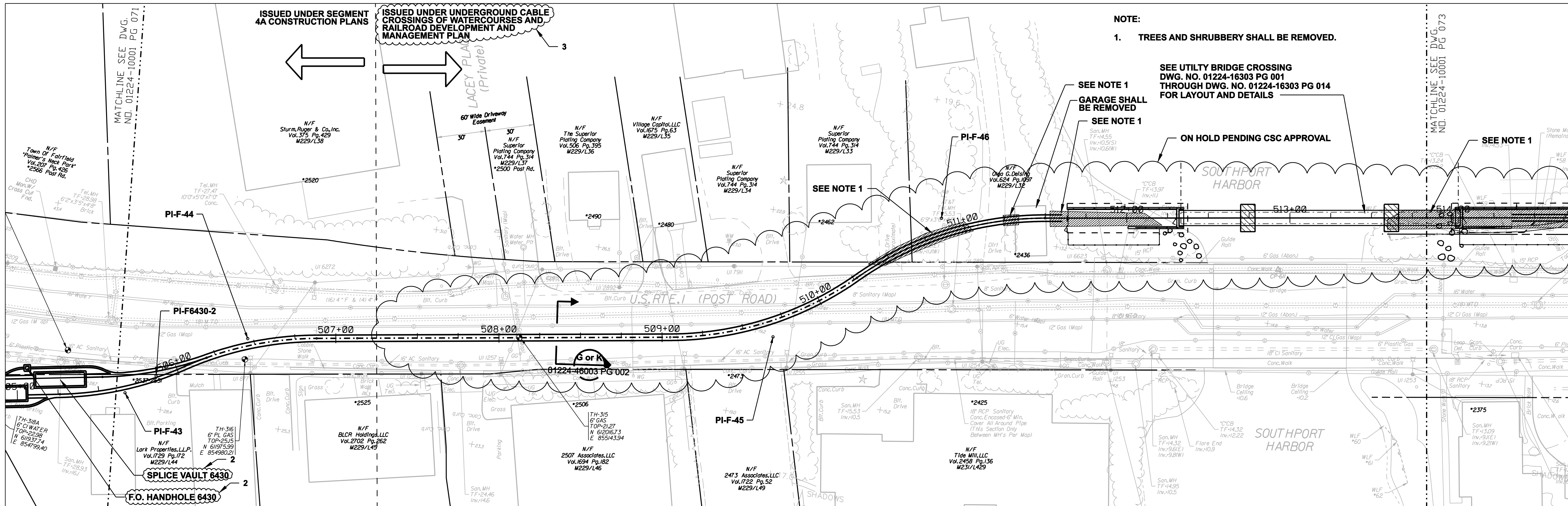
date 08/15/05
designed C. COURTRIGHT
detailed L. ROWSE
checked S. NEWLAND

no.	date	revisions	by	chk
2	7/03/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
1	6/20/06	ISSUED FOR CONSTRUCTION	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			
TOWN OF FAIRFIELD ROUTE PLAN AND PROFILE Sta. 499+00 to 507+00			
BY SEN-BMCD	CHKD	APP	APP
DATE 8-15-05	DATE	DATE	DATE
SCALE AS NOTED	D	DWG. NO.	01224-10001 PG 071

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2	7/03/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
1	6/20/06	ISSUED FOR CONSTRUCTION	CTC	



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

MF NO.	DATE	REVISIONS	BY	CHK	APP	APP

NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY
 TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT
 TOWN OF FAIRFIELD ROUTE
 PLAN AND PROFILE Sta. 505+50 to 514+00
 BY SEN-BMCD CHKD APP APP
 DATE 8-15-05 DATE DATE DATE
 SCALE AS NOTED DWG. NO. 01224-10001 PG 072

NOTES:

1. SILT FENCE ON DOWNSLOPE SIDE OF CONSTRUCTION AREA, INCLUDING SPOIL PILES. WHEN AREAS ARE CURRENTLY PAVED THEN USE EROSION CONTROL LOGS/GUTTER BUDDIES.
2. TREES AND SHRUBBERY SHALL BE REMOVED.

SEE UTILITY BRIDGE CROSSING DWG. NO. 01224-16303 PG 001 THROUGH DWG. NO. 01224-16303 PG 014 FOR LAYOUT AND DETAILS

ON HOLD PENDING CSC APPROVAL

SEE NOTE 2

ISSUED UNDER UNDERGROUND CABLE CROSSINGS OF WATERCOURSES AND RAILROADS DEVELOPMENT AND MANAGEMENT PLAN

ISSUED UNDER SEGMENT 4A CONSTRUCTION PLANS

SEE NOTE 1

SBC MH, SHORING MAY BE NEEDED

F.O. HANDHOLE 6431

TMS #31 SEE DETAIL 5 DWG. NO. 01224-46003 PG 005

PI-F6431-2

SPLICE VAULT 6431

PI-F6431-3

PI-F6431-4

U.S. RTE 1 (POST ROAD)

01224-46003 PG 002

PI-F49

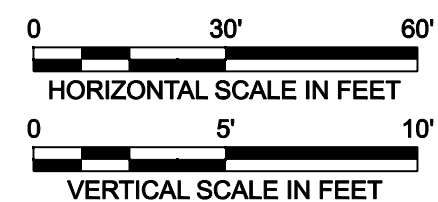
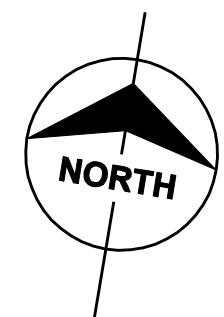
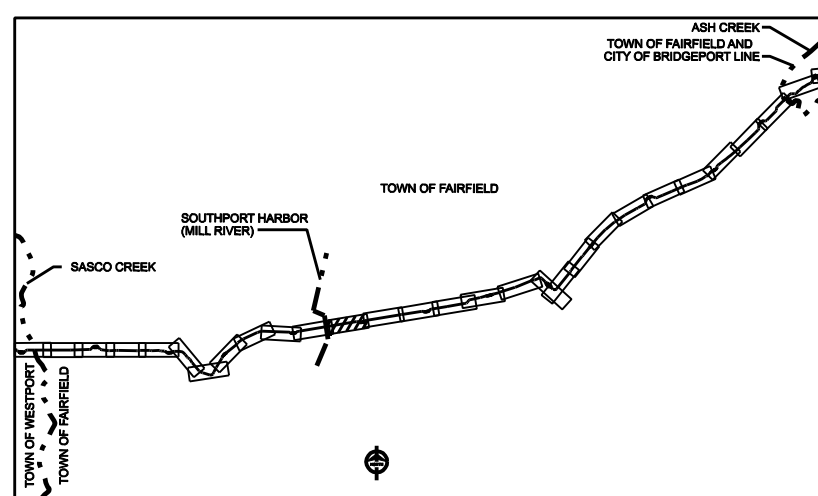
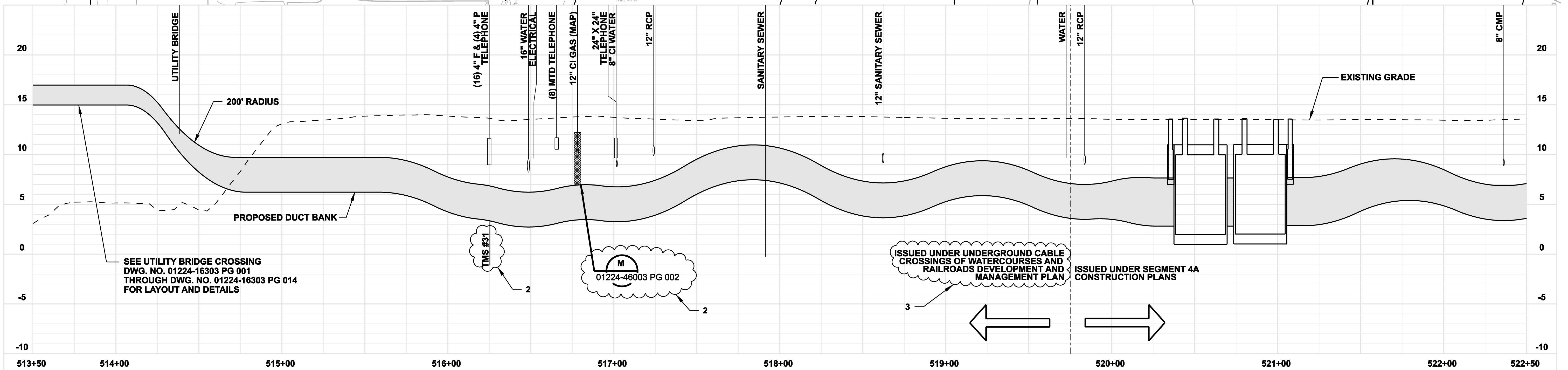
PI-F50

PI-F51

PI-F52

SPLICE VAULT 7531

F.O. HANDHOLE 7531



ISSUED FOR CONSTRUCTION

DOCKET No. 272



no.	date	revisions	by	chk
3	7/26/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
2	7/03/06	ISSUED FOR CONSTRUCTION REVISED	CTC	
1	6/20/06	ISSUED FOR CONSTRUCTION	CTC	

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

NORTHEAST UTILITIES SERVICE CO.

FOR THE CONNECTICUT LIGHT & POWER COMPANY
 TITLE MIDDLETOWN-NORWALK 345KV TRANSMISSION PROJECT
 TOWN OF FAIRFIELD ROUTE
 PLAN AND PROFILE Sta. 513+50 to 522+50
 BY SEN-BMCD CHKD APP APP
 DATE 8-15-05 DATE DATE
 SCALE AS NOTED DWG. NO. 01224-10001 PG 073