Adjoiners List

Town of Vernon

Parcel ID	Property Address	Owner Name	Volume & Page	Mailing Address	City	State	Zip
39-065B-0018A	SOUTH STREET	CONNECTICUT WATER CO	1099/18	93 WEST MAIN STREET	CLINTON	CT	06413-1600
39-0072-00039	183 SOUTH STREET	TUCKER ROBERT	183/287	183 SOUTH STREET	VERNON	CT	06066-4416
39-065B-00019	195 SOUTH STREET	ESS VERNON PROPERTIES LLC	1346/62	1031 HARTFORD TURNPIKE	VERNON-ROCKVILLE	CT	06066
39-062C-00057	208 SOUTH STREET	MCCOY REYNALDO	2263/274	208 SOUTH STREET	VERNON	CT	06066
39-065B-00017	209 SOUTH STREET	ESS VERNON PROPERTIES LLC	1346/64	1031 HARTFORD TURNPIKE	VERNON-ROCKVILLE	CT	06066
39-062I-00094	214 SOUTH STREET	PUGLIESE ANTHONY R	2339/45	214 SOUTH STREET	VERNON	CT	06066
39-065B-00016	215 SOUTH STREET	BERRIAULT PAUL N	1976/218	215 SOUTH STREET	VERNON	CT	06066
39-062I-0095B	218 SOUTH STREET	MCNEILLY DARLENE R & ROBERT J III	1876/65	218 SOUTH STREET	VERNON	CT	06066
39-062I-0095A	224 SOUTH STREET	STEFFENS NANCY J	889/83	224 SOUTH STREET	VERNON	CT	06066-4331
39-062I-00096	228 SOUTH STREET	GORMAN JAMES F JR & ZINA L TRUSTEES &	2379/320	228 SOUTH STREET	VERNON	CT	06066
39-065B-00015	229 SOUTH STREET	AUDIBERT ANTIONETTE B	598/12	229 SOUTH STREET	VERNON	CT	06066-4317
24-065C-00014	233 SOUTH STREET	TRAPP CRAIG E TRUSTEE	1966/320	233 SOUTH STREET	VERNON	CT	06066
24-062F-00098	234 SOUTH STREET	LANGEVIN CHAD W	2336/306	234 SOUTH STREET	VERNON	CT	06066
24-062F-0098A	234 1/2 SOUTH STREET	DOUGHTY KURT E & LORI ANN	471/122	234 1/2 SOUTH STREET	VERNON	CT	06066-4322
24-065C-00013	235 SOUTH STREET	SCOTT TIMOTHY P & CHRISTEN A	2350/68	235 SOUTH STREET	VERNON	CT	06066
24-065C-0013B	237 SOUTH STREET	MICHAUD ANDREW & MICHAUD DEREK	2212/146	PO BOX 478	ELLINGTON	CT	06029
24-065C-00012	239 SOUTH STREET	DEBARGE GEORGE & GINA	1763/109	239 SOUTH STREET	VERNON	CT	06066
24-062F-00099	242 SOUTH STREET	GARCIA JOYCE	1356/74	242 SOUTH STREET	VERNON	CT	06066
24-062F-0100A	244 SOUTH STREET	OBRIEN TIMOTHY S & STRAUSS HOLLY N	1882/108	244 SOUTH STREET	VERNON	CT	06066
24-062F-0100B	246 SOUTH STREET	BANKS CHRISTINE E	2328/63	246 SOUTH STREET	VERNON	CT	06066
24-062F-00100	250 SOUTH STREET	MCGEE MELANIE	1270/315	250 SOUTH STREET	VERNON	CT	06066-4331
24-065C-00011	251 SOUTH STREET	CARLQUIST R W & E A TRUSTEES	2280/338	251 SOUTH STREET	VERNON	CT	06066
24-062F-00101	252 SOUTH STREET	KELLY WILLIAM TIE JR & PATRICIA J	1220/71	252 SOUTH STREET	VERNON	CT	06066-4331
24-0065-00009	253 SOUTH STREET	BRANNON DEREK	1833/170	253 SOUTH STREET	VERNON	CT	06066
24-0065-00008	255 SOUTH STREET	PFALZGRAF CARL H & EVELYN T	1883/304	PO BOX 31	ASHFORD	CT	06278
24-062D-0102A	256 SOUTH STREET	MIKULSKI PATRICIA A	558/119	256 SOUTH STREET	VERNON	CT	06066-4219
24-0065-00007	259 SOUTH STREET	SONGAILO RICHARD B SUCC TRUSTEE	2402/106	6 BOWLES ROAD	STAFFORD SPRINGS	CT	06076
24-0065-0006L	263 SOUTH STREET	WOODLAND PLACE LLC	-	627 TALCOTTVILLE ROAD	VERNON	CT	06006
24-0065-00005	265 SOUTH STREET	WILSON MATTHEW J L	2369/278	265 SOUTH STREET	VERNON	CT	06066
24-062D-00102	266 SOUTH STREET	KLD DEVELOPERS LLC	1834/149	78 WINDSOR AVE	VERNON	CT	06066
24-0065-00004	267 SOUTH STREET	TYROL ROBERT JR & JULIE ANN	2022/50	267 SOUTH STREET	VERNON	CT	06066
24-062D-00103	268 SOUTH STREET	ARCHAMBAULT KURT A	1501/56	268 SOUTH STREET	VERNON	CT	06066
24-062D-00104	268 1/2 SOUTH STREET	LYONS WILLIAM J JR &MORRISON MELISSA	1785/268	268 1/2 SOUTH STREET	VERNON	CT	06066
24-062D-00105	270 SOUTH STREET	SOUCIER MELANIE L & ERIC	1615/22	270 SOUTH STREET	VERNON	CT	06066
24-0065-00003	271 SOUTH STREET	PATEL JAYANTILAL M & LALITABEN J	1922/200	271 SOUTH STREET	VERNON	CT	06066
24-062D-0AA36	272 SOUTH STREET	CASTAGNA WILLIAM C III	400/237	272 SOUTH STREET	VERNON	CT	06066-4219
24-062D-0AA35	274 SOUTH STREET	ORLOWSKI BARBARA A	370/75	274 SOUTH STREET	VERNON	CT	06066-4219
24-0065-0002A	275 SOUTH STREET	CHAPMAN PROPERTIES LLC	1280/251	1 CANYON RIDGE DRIVE	BROAD BROOK	CT	06016
24-062E-00AA2	278 SOUTH STREET	WIESE DAVID T & WENDY M	2409/315	278 SOUTH STREET	VERNON	CT	06066
24-062E-00AA1	280 SOUTH STREET	WELLS DAVID	1896/192	280 SOUTH STREET	VERNON	CT	06066
24-062E-00024	282 SOUTH STREET	WEBB CRAIG	2200/315	22 RYAN DRIVE	ELLINGTON	CT	06029
24-0065-00002	291 SOUTH STREET	DUNKLEY JEREMY & MORRIS VANESSA	2381/91	291 SOUTH STREET	VERNON	CT	06066
24-0065-002A1	295 SOUTH STREET	NORTHSTAR EVENT MANAGEMENT LLC	2347/262	64 ADAM HILL	WINDSOR	CT	06095
24-062E-00022	300 SOUTH STREET	CHAPMAN PROPERTIES LLC	1280/248	1 CANYON RIDGE DRIVE	BROAD BROOK	CT	06016
24-0065-002B1	301 SOUTH STREET	DELISLE JOLINE J	1842/22	301 SOUTH STREET	VERNON	CT	06066
24-0065-002B2	305 SOUTH STREET	MCBREEN THOMAS & LISA	2277/235	305 SOUTH STREET	VERNON	CT	06066
24-062E-00014	306 SOUTH STREET	BERGENN JAMES W TRUSTEE	2381/136	306 SOUTH STREET	VERNON	CT	06066-4214
24-062E-00013	308 SOUTH STREET	BONNEVILLE LEON	1691/96	308 SOUTH STREET	VERNON	CT	06066
24-062E-00012	310 SOUTH STREET	BABCOCK RICHARD J & GERALDINE	725/142	310 SOUTH STREET	VERNON	CT	06066-4214
24-065G-002B5	311 SOUTH STREET	SIMMONS KENNETH I & PATRICIA J	1344/299	311 SOUTH STREET	VERNON-ROCKVILLE	CT	06066
24-062E-00011	312 SOUTH STREET	BARTLETT JOHN F & NINON M	1150/157	312 SOUTH STREET	VERNON	CT	06066-4214
24-062E-00010	314 SOUTH STREET	MELO JOSE A & MARIA M	908/02	314 SOUTH STREET	VERNON	CT	06066-4214
24-065G-0001B	315 SOUTH STREET	GALLO ROXANN M	2359/170	315 SOUTH STREET	VERNON	CT	06066
24-065G-001D1	315 1/2 SOUTH STREET	BANNON BRIAN P & WENDY T	1941/325	315 1/2 SOUTH STREET	VERNON	CT	06066
24-062E-00009	316 SOUTH STREET	DZIEWALTOWSKI RICHARD J	2316/78	316 SOUTH STREET	VERNON	CT	06066
24-065G-0001A	317 SOUTH STREET	CONWAY WILLLIAM K & MARY P	1288/51	317 SOUTH STREET	VERNON	CT	06066-4212
24-062E-00008	318 SOUTH STREET	ORLOWSKI NANCY MARIE	509/159	318 SOUTH STREET	VERNON	CT	06066-4214
24-065G-0001C	319 SOUTH STREET	STACHACZ WLODZIMIERZ & JANINA K	1315/269	319 SOUTH STREET	VERNON	CT	06066-4212
24-062E-00007	320 SOUTH STREET	HEIMER KEVIN M & PERACCHIO SANDRA M	1897/86	320 SOUTH STREET	VERNON	CT	06066
24-065G-00001	321 SOUTH STREET	HERVIEUX MARK & THERESE	2209/252	321 SOUTH STREET	VERNON	CT	06066-4212
24-065G-0001D	325 SOUTH STREET	SOCHA STANLEY J JR & JULIE L	1897/292	325 SOUTH STREET	VERNON	CT	06066
39-073A-00080	149 VERNON AVENUE	GEARING PATRICIA E	1492/242	149 VERNON AVENUE	VERNON	CT	06066
39-062C-00054	150 VERNON AVENUE	ESS VILLA APARTMENT PROPERTIES LLC	1346/53	1031 HARTFORD TURNPIKE	VERNON-ROCKVILLE	CT	06066
39-0072-00038	163 VERNON AVENUE	LAJOIE ALVIN	961/189	163 VERNON AVENUE	VERNON	CT	06066-4323
39-065B-00020	164 VERNON AVENUE	ESS VILLA APARTMENT PROPERTIES LLC	303/306	1031 HARTFORD TURNPIKE	VERNON-ROCKVILLE	CT	06066
21-021F-0001A	130 WEST STREET	KOPER ROMAN & MARIA	1193/313	130 WEST STREET	VERNON	CT	06066-2915
24-065G-0001E	143 WEST STREET	CHRISTENSEN TIMOTHY S & CHERYL L	574/162	143 WEST STREET	VERNON	CT	06066-4157
24-065G-002B4	3 GLENSTONE DRIVE	VINCZE JOHN & LISA	2160/48	3 GLENSTONE DRIVE	VERNON	CT	06066-4201
24-0065-002B3	4 GLENSTONE DRIVE	DE VAUX JOHN R & CONSTANCE S	849/184	4 GLENSTONE DRIVE	VERNON	CT	06066-4202
39-062I-00092	1 BANCROFT ROAD	CARANGELO DANIEL B & DANA L	1423/19	1 BANCROFT ROAD	VERNON	CT	06066
24-065C-0014A	KNOLLWOOD DRIVE	TRAPP CRAIG E	1345/27	233 SOUTH STREET	VERNON-ROCKVILLE	CT	06066
39-065B-0015A	KNOLLWOOD DRIVE	AUDIBERT ANTIONETTE	955/161	229 SOUTH STREET	VERNON	CT	06066-4317

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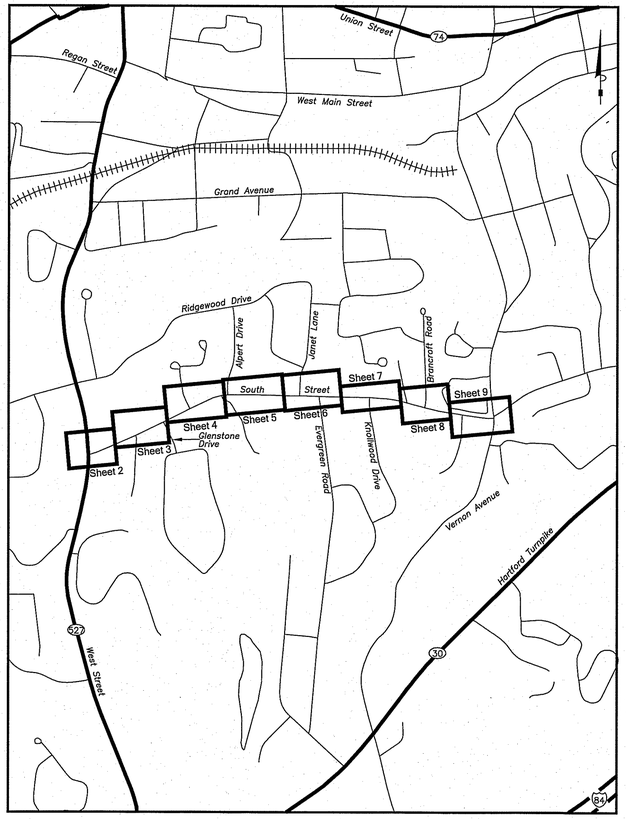
ConnecticutWater

Proposed Water Main Replacement

SITE LOCATION:

South Street
Vernon, Connecticut

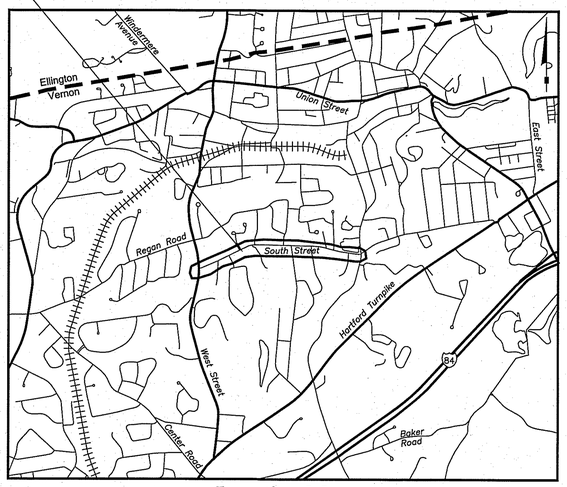


Sheet Index

Scale: 1"=800'

0 400 800 1600

Project Site

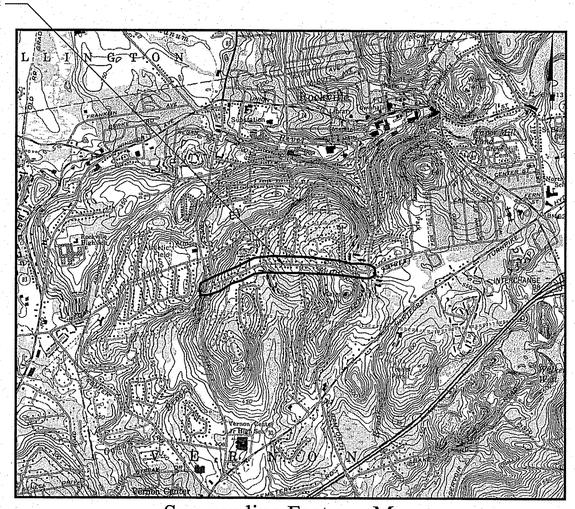


Location Map

Scale: 1"=2000'

0 1000 2000 4000

Project Site



Surrounding Features Map

Scale: 1"=2000'

0 1000 2000 4000

FOR INFORMATION ONLY

Revision	Description	Date	By	Approved By

Notes

1. THIS SURVEY PLAN HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTION 20-300B-1 THROUGH 20-300B-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF THE LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996. CONFORMING TO A-2 HORIZONTAL ACCURACY & T-2 VERTICAL ACCURACY. AND INTENDED TO BE USED FOR PROJECT DESIGN.
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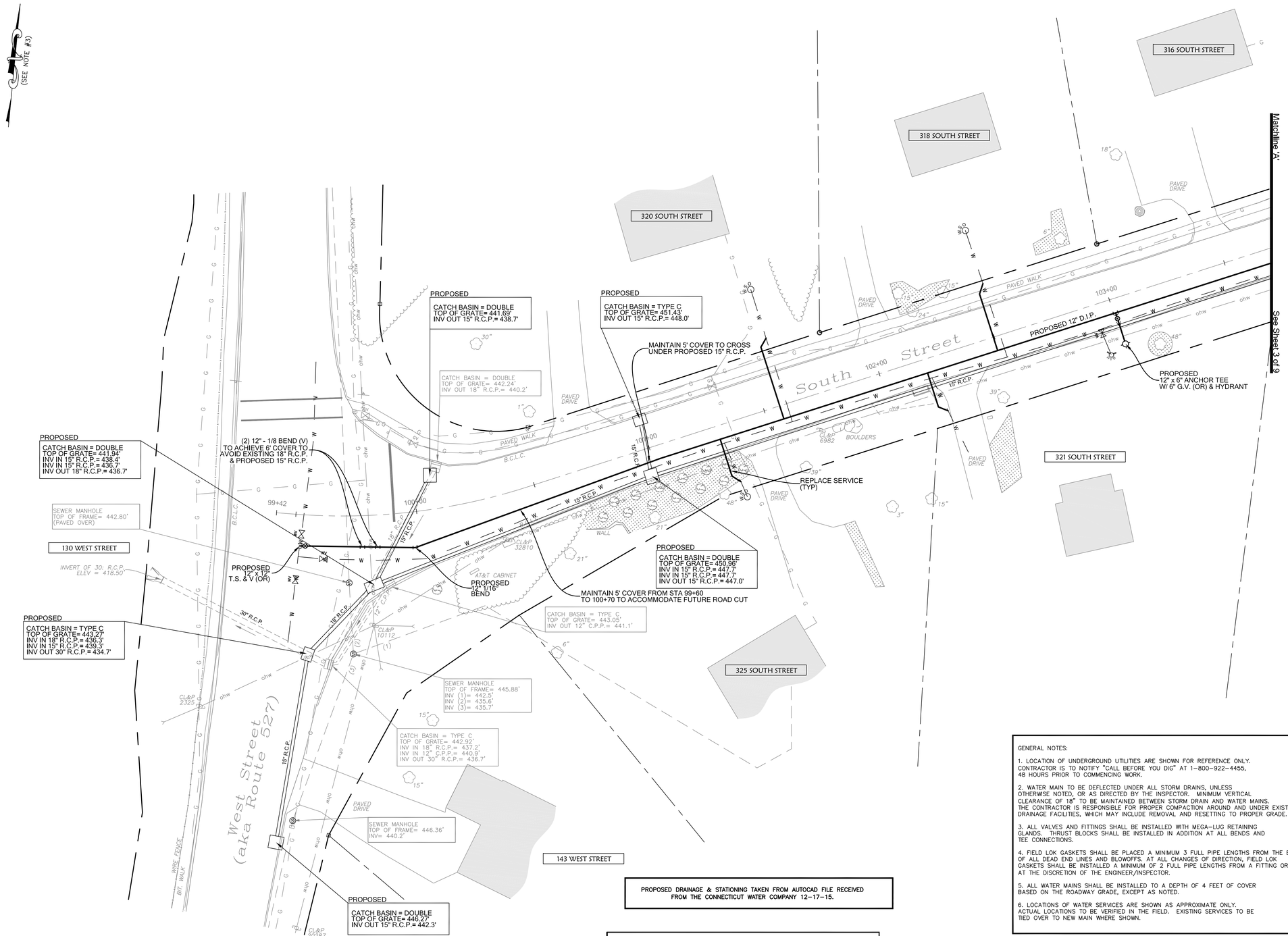
ConnecticutWater

DRAWING NO-2784
Sheet 1 of 9

GESICK & ASSOCIATES, P.C.
SURVEYORS ⚜ MAPPERS ⚜ PLANNERS
19 CEDAR ISLAND AVE.
CLINTON, CONNECTICUT 06413
OFFICE: 860-669-7799 FAX: 860-669-5833
www.gesicksurveyors.com



Legend

SYMBOL	DESCRIPTION
	PROPERTY CORNER
	IP / REBAR
	MON / MERESTONE
	UTILITY POLE
	UTILITY POLE W/ LIGHT
	GUY WIRE
GV	GAS VALVE
WV	WATER VALVE
WSV	WATER SERVICE VALVE
	FIRE HYDRANT
	CATCH BASIN
S	SEWER MANHOLE
D	STORM MANHOLE
	SIGN
	LIGHT POLE
	TREE
	SHRUB
	STUMP
	HEDGE
	STONEWALL
	TREELINE
	MAILBOX
ohw	OVERHEAD WIRES
W	WATER LINE
G	GAS LINE
	PROPERTY LINE
	PROPERTY LINE OTHER
	PLANTED AREA
	GRAVEL AREA
	EXPOSED LEDGE
	EXISTING BUILDING
N/F	NOW OR FORMERLY
ELEV / EL	ELEVATION
W/	WITH
(TYP)	TYPICAL
C.M.P.	CORRUGATED METAL PIPE
R.C.P.	REINFORCED CONCRETE PIPE
C.P.P.	CORRUGATED PLASTIC PIPE
E.O.P.	EDGE OF PAVEMENT
B.C.L.C.	BITUMINOUS CONCRETE LIP CURB
G.C.	GRANITE CURB
RET.	RETAINING
INV	INVERT

PROPOSED DRAINAGE & STATIONING TAKEN FROM AUTOCAD FILE RECEIVED FROM THE CONNECTICUT WATER COMPANY 12-17-15.

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Scale: 1"=20'
0 10 20 40

FOR INFORMATION ONLY

To the best of my knowledge and belief this map is substantially correct as noted hereon.

Donald L. Gesick Jr. L.S. Reg. No. 18417

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Revision	Description	Date	By	Approved By

Drawn By: P.P.H.
Date: 12/17/15
Approved by:
Title: Senior Engineer
Title: Infrastructure Rehab. Mgr.

ConnecticutWater
93 WEST MAIN STREET
CLINTON, CT 06413
www.ctwater.com

Proposed Water Main Replacement

South Street
Vernon, Connecticut

Scale: 1" = 20'
Drawing Number
NO-2785
BU# - 011834
Sheet 2 of 9

Legend

SYMBOL	DESCRIPTION
•	PROPERTY CORNER
O	IP / REBAR
⊡	MON / MERESTONE
	UTILITY POLE
	UTILITY POLE W/ LIGHT
GV	GUY WIRE
GV	GAS VALVE
WV	WATER VALVE
	WATER SERVICE VALVE
	FIRE HYDRANT
	CATCH BASIN
S	SEWER MANHOLE
D	STORM MANHOLE

SYMBOL	DESCRIPTION
	SIGN
	LIGHT POLE
	TREE
	SHRUB
	STUMP
	HEDGE
	STONEWALL
	TREELINE
	MAILBOX
ohw	OVERHEAD WIRES
W W	WATER LINE
G G	GAS LINE
	PROPERTY LINE
	PROPERTY LINE OTHER

SYMBOL	DESCRIPTION
	PLANTED AREA
	GRAVEL AREA
	EXPOSED LEDGE
	EXISTING BUILDING
N/F	NOW OR FORMERLY
ELEV / EL	ELEVATION
W/	WITH
(TYP)	TYPICAL
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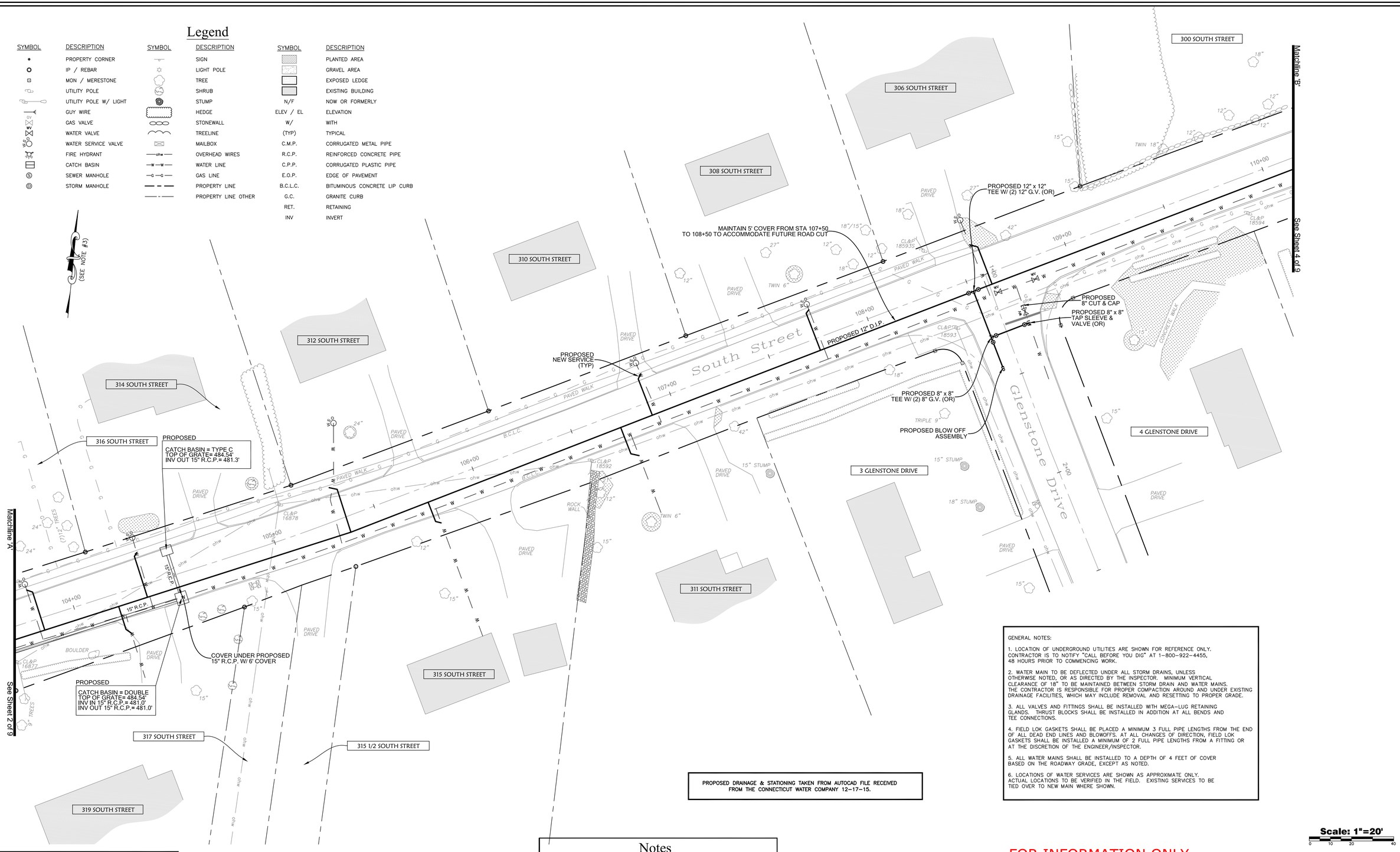
INV	INVERT



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CLINTON, CONNECTICUT 06413
OFFICE: 860-669-7799 FAX: 860-669-5833
www.gesicksurveyors.com

Revision	Description	Date	By	Approved By

Drawn By: P.P.H.

Date: 12/17/15

Approved by:

Title: Senior Engineer

Title: Infrastructure Rehab. Mgr.

ConnecticutWater
93 WEST MAIN STREET
CLINTON, CT 06413
www.ctwater.com

Proposed Water Main Replacement

South Street
Vernon, Connecticut

Scale: 1" = 20'

Drawing Number
NO-2786
BU# - 011834

Sheet 3 of 9

Legend

SYMBOL	DESCRIPTION
•	PROPERTY CORNER
O	IP / REBAR
⊡	MON / MERESTONE
	UTILITY POLE
	UTILITY POLE W/ LIGHT
	GUY WIRE
GV	GAS VALVE
W	WATER VALVE
WSV	WATER SERVICE VALVE
	FIRE HYDRANT
	CATCH BASIN
S	SEWER MANHOLE
D	STORM MANHOLE

SYMBOL	DESCRIPTION
	SIGN
	LIGHT POLE
	TREE
	SHRUB
	STUMP
	HEDGE
	STONEWALL
	TREELINE
	MAILBOX
ohw	OVERHEAD WIRES
W	WATER LINE
G	GAS LINE
	PROPERTY LINE
	PROPERTY LINE OTHER

SYMBOL	DESCRIPTION
	PLANTED AREA
	GRAVEL AREA
	EXPOSED LEDGE
	EXISTING BUILDING
N/F	NOW OR FORMERLY
ELEV / EL	ELEVATION
W/	WITH
(TYP)	TYPICAL
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RET.	RETAINING
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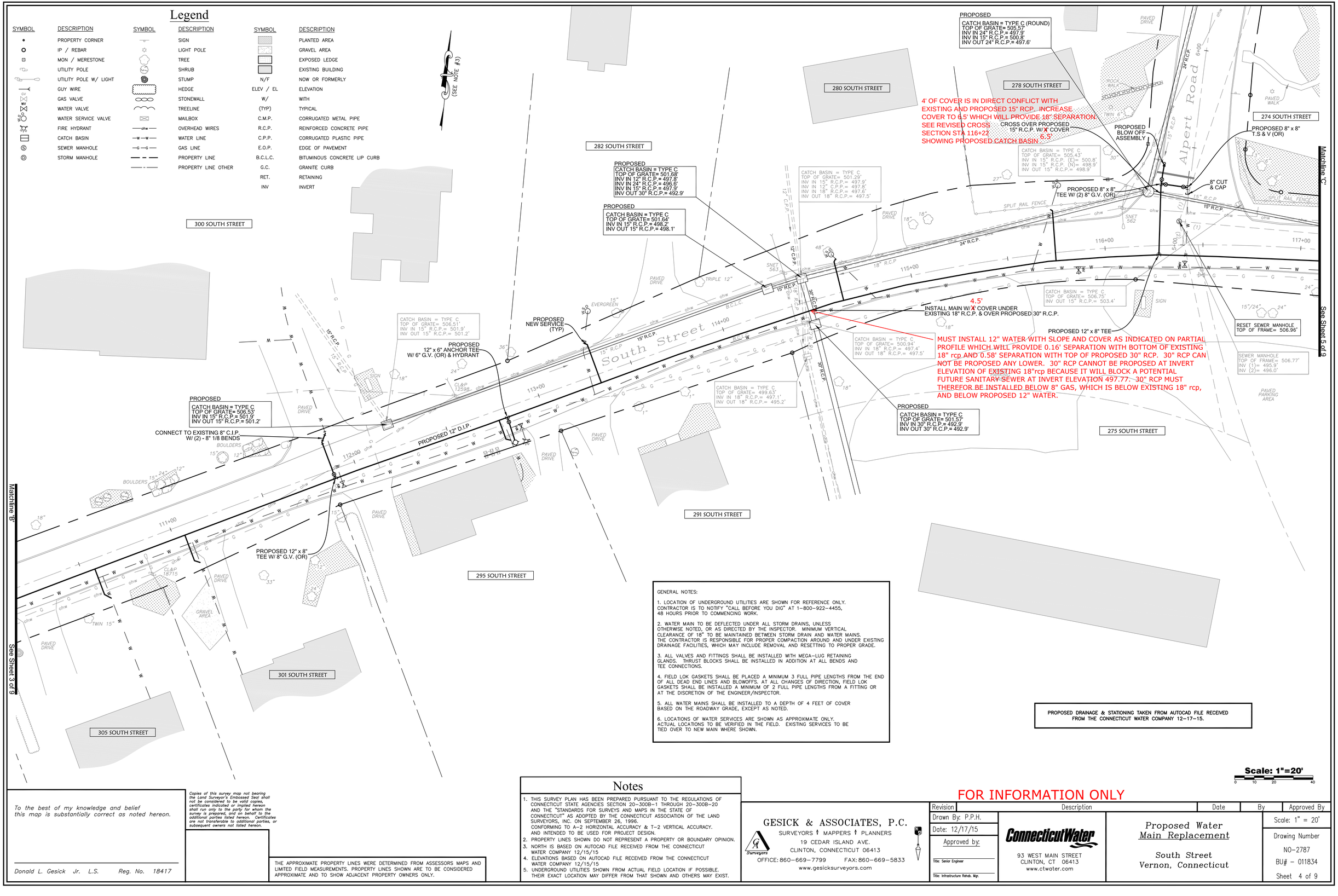

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PROPOSED DRAINAGE & STATIONING TAKEN FROM AUTOCAD FILE RECEIVED FROM THE CONNECTICUT WATER COMPANY 12-17-15.

Scale: 1"=20'
0 10 20 40

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Proposed Water Main Replacement
South Street
Vernon, Connecticut

Scale: 1" = 20'
Drawing Number
NO-2787
BU# - 011834
Sheet 4 of 9

Legend

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
•	PROPERTY CORNER		SIGN		PLANTED AREA
O	IP / REBAR		LIGHT POLE		GRAVEL AREA
⊡	MON / MERESTONE		TREE		EXPOSED LEDGE
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WV	WATER VALVE		TREELINE	(TYP)	TYPICAL
WSV	WATER SERVICE VALVE		MAILBOX	C.M.P.	CORRUGATED METAL PIPE
	FIRE HYDRANT	ohw	OVERHEAD WIRES	R.C.P.	REINFORCED CONCRETE PIPE
	CATCH BASIN	W	WATER LINE	C.P.P.	CORRUGATED PLASTIC PIPE
S	SEWER MANHOLE	G	GAS LINE	E.O.P.	EDGE OF PAVEMENT
D	STORM MANHOLE		PROPERTY LINE	B.C.L.C.	BITUMINOUS CONCRETE LIP CURB
			PROPERTY LINE OTHER	G.C.	GRANITE CURB
				RET.	RETAINING
				INV	INVERT

274 SOUTH STREET
272 SOUTH STREET
270 SOUTH STREET
268 1/2 SOUTH STREET
268 SOUTH STREET
266 SOUTH STREET
256 SOUTH STREET
275 SOUTH STREET
271 SOUTH STREET
267 SOUTH STREET
265 SOUTH STREET
263 SOUTH STREET
259 SOUTH STREET

Matchline 'C'
See Sheet 4 of 9

Matchline 'D'
See Sheet 6 of 9

(SEE NOTE #3)

MAINTAIN 6' COVER FROM STA 118+00 TO 120+50 TO ACCOMMODATE FUTURE ROAD CUT

PROPOSED
CATCH BASIN = TYPE C
TOP OF GRATE= 511.06'
INV IN 15" R.C.P.= 507.6'
INV IN 15" R.C.P.= 506.2'
INV OUT 15" R.C.P.= 506.2'

PROPOSED 12" x 6" TEE W/ 6" G.V. (OR)

INSTALL MAIN W/ 5' COVER TO CROSS UNDER PROPOSED 15" R.C.P.

CONNECT TO EXISTING 6" C.I.P. W/ (2) 6" 1/8 BENDS

PROPOSED
CATCH BASIN = TYPE C
TOP OF GRATE= 511.06'
INV OUT 15" R.C.P.= 507.9'

FG = 526.67'
Pipe - (133) 8" INV IN = 525.52'
Pipe - (141) 6" INV IN = 526.10'
Pipe - (133) (1) 8" INV OUT = 525.52'

PROPOSED
CATCH BASIN = TYPE C
TOP OF GRATE= 532.26'
INV OUT 15" R.C.P.= 529.0'

PROPOSED
CATCH BASIN = TYPE C
TOP OF GRATE= 532.26'
INV IN 15" R.C.P.= 525.6'
INV IN 15" R.C.P.= 528.8'
INV OUT 15" R.C.P.= 525.3'

RESET SEWER MANHOLE
TOP OF FRAME= 533.70'

SEWER MANHOLE
TOP OF FRAME= 535.57'
INV (1)= 528.5'
INV (2)= 529.4'
INV (3)= 528.5'

INSTALL MAIN W/ 7' COVER TO CROSS UNDER PROPOSED 15" R.C.P.

PROPOSED 12" D.I.P.

FG = 532.60
Pipe - (132) (2) 8" INV IN = 531.44
Pipe - (142) 6" INV IN = 532.03
Pipe - (132) (1) 8" INV OUT = 531.44

FG = 539.31
Pipe - (132) (3) 8" INV IN = 538.16
Pipe - (143) 6" INV IN = 538.74
Pipe - (132) (2) 8" INV OUT = 538.16

FG = 546.19
Pipe - (132) 8" INV IN = 545.03
Pipe - (145) 6" INV IN = 545.61
Pipe - (132) (3) 8" INV OUT = 545.03

MAINTAIN 5' COVER FROM STA 122+00 TO 126+50 TO ACCOMMODATE FUTURE ROAD CUT

SEWER MANHOLE
TOP OF FRAME= 556.61'
INV= 545.6'

RESET SEWER MANHOLE
TOP OF FRAME= 551.4'

PROPOSED
NEW SERVICE
(TYP)

PROPOSED
CATCH BASIN = TYPE C
TOP OF GRATE= 551.90'
INV IN 15" R.C.P.= 548.7'
INV OUT 15" R.C.P.= 544.7'

PROPOSED
12" x 6" ANCHOR TEE
W/ 6" G.V. (OR) & HYDRANT

South Street

118+00 119+00 120+00 121+00 122+00 123+00

15" R.C.P. 18" R.C.P. PROPOSED 12" D.I.P. LATERAL (TYP)

CL&P 978 CL&P 977 CL&P 976 CL&P 975

SNET 5610

PAVED DRIVE BOULDER BORDER CONCRETE BORDER BOULDERS 15" BUNCH

TWIN 18" TWIN 12" ROW 18" TREES STOCKADE FENCE VINYL PICKET FENCE

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Proposed Water Main Replacement

South Street
Vernon, Connecticut

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Drawing Number
NO-2788
BU# - 011834

Sheet 5 of 9

Legend

SYMBOL	DESCRIPTION
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O	IP / REBAR
⊡	MON / MERESTONE
	UTILITY POLE
	UTILITY POLE W/ LIGHT
GV	GUY WIRE
GV	GAS VALVE
WV	WATER VALVE
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SYMBOL	DESCRIPTION
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	HEDGE
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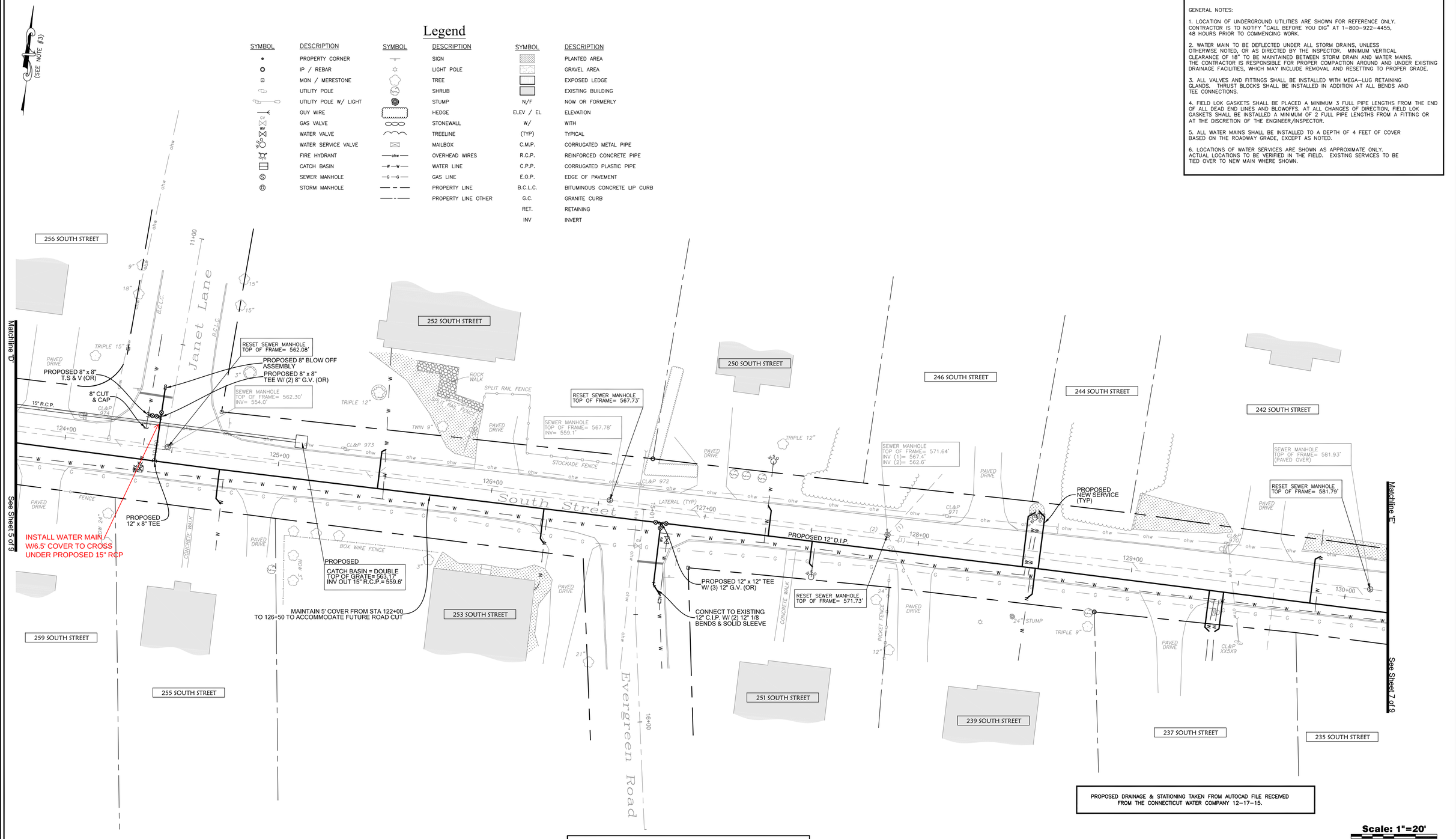

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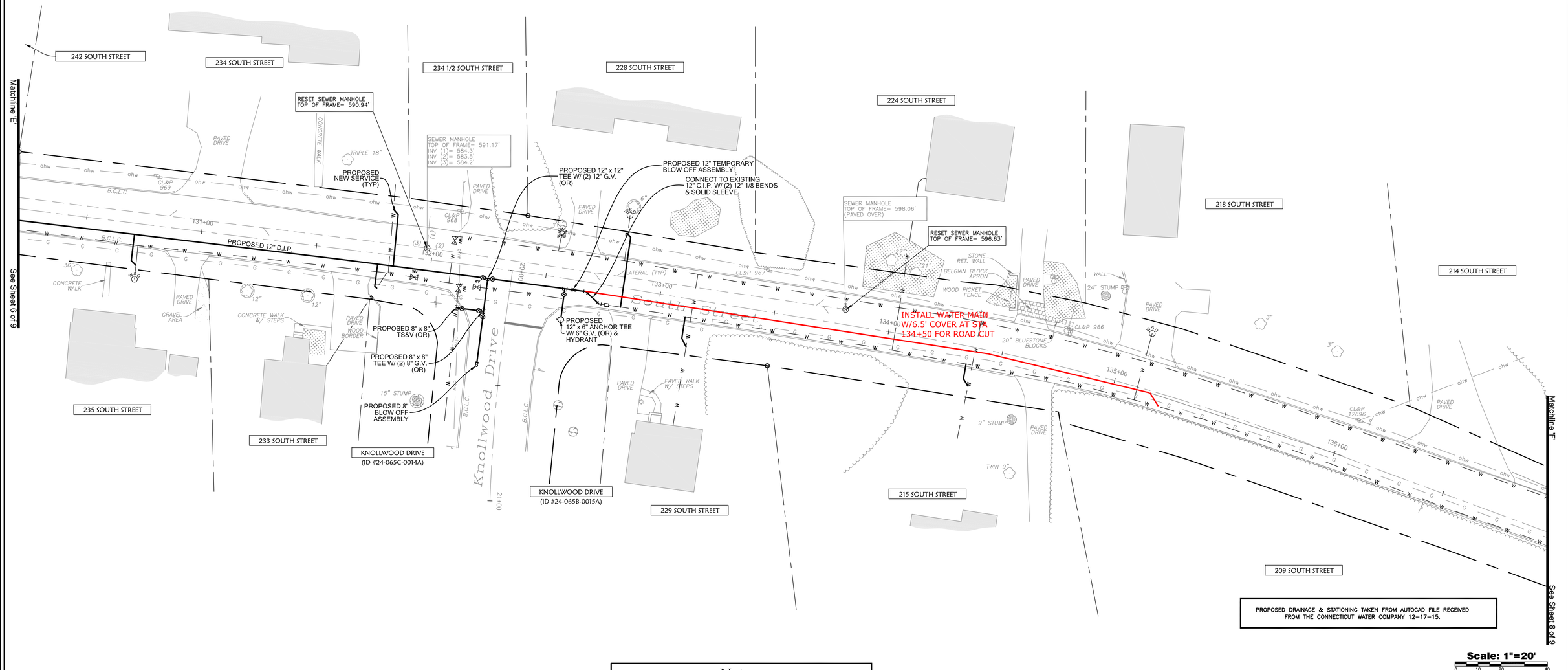

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To the best of my knowledge and belief this map is substantially correct as noted hereon.

Donald L. Gesick Jr. L.S. Reg. No. 18417

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GESICK & ASSOCIATES, P.C.
SURVEYORS ⬆ MAPPERS ⬆ PLANNERS
19 CEDAR ISLAND AVE.
CLINTON, CONNECTICUT 06413
OFFICE: 860-669-7799 FAX: 860-669-5833
www.gesicksurveyors.com

Revision	Description	Date	By	Approved By
Drawn By: P.P.H.				
Date: 12/17/15				
Approved by:				
Title: Senior Engineer				
Title: Infrastructure Rehab. Mgr.				

ConnecticutWater
93 WEST MAIN STREET
CLINTON, CT 06413
www.ctwater.com

Proposed Water Main Replacement

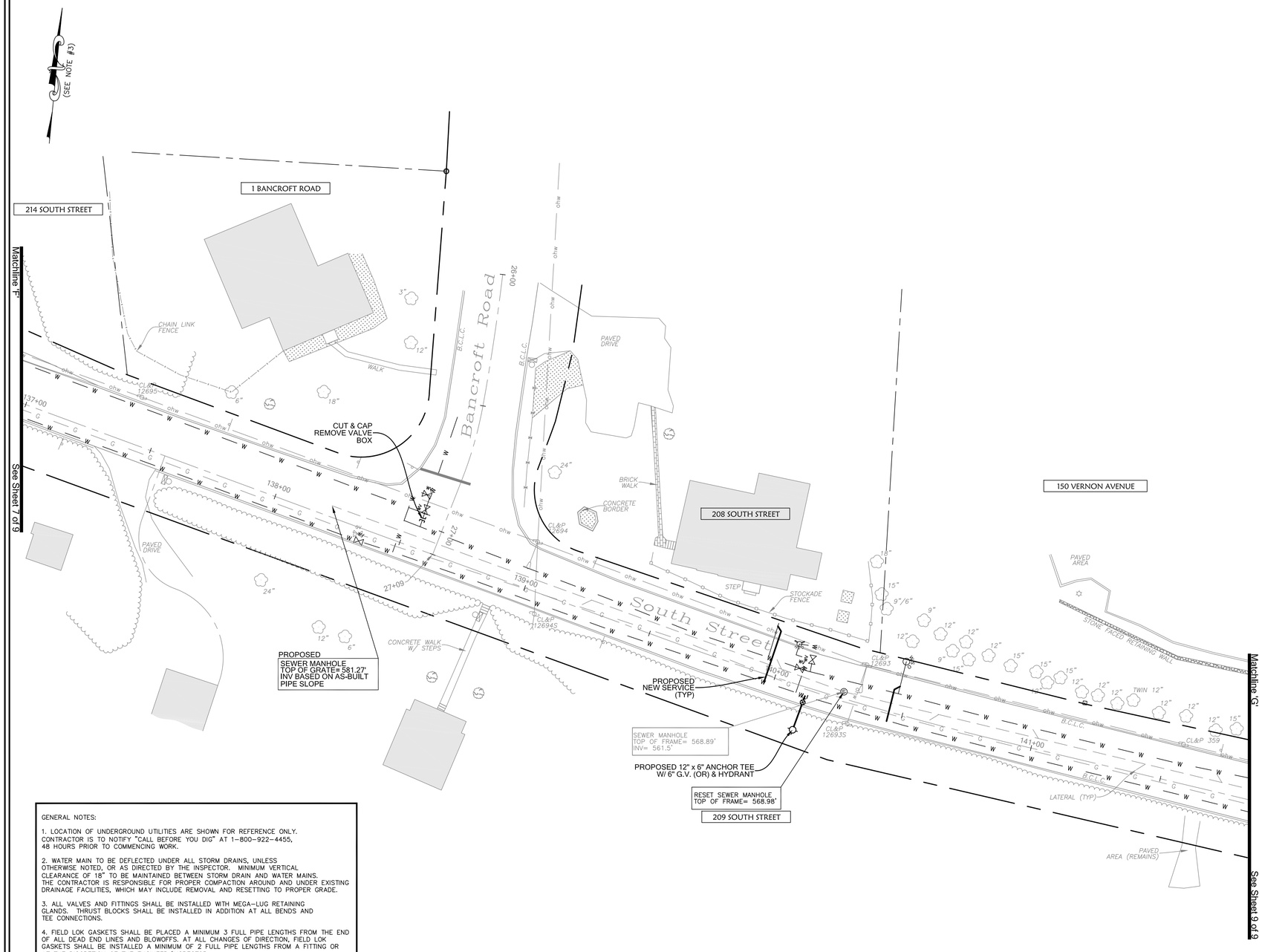
South Street
Vernon, Connecticut

Scale: 1" = 20'

Drawing Number NO-2790

BU# - 011834

Sheet 7 of 9



Legend

SYMBOL	DESCRIPTION
•	PROPERTY CORNER
O	IP / REBAR
⊡	MON / MERESTONE
	UTILITY POLE
	UTILITY POLE W/ LIGHT
	GUY WIRE
GV	GAS VALVE
WV	WATER VALVE
WSV	WATER SERVICE VALVE
	FIRE HYDRANT
	CATCH BASIN
S	SEWER MANHOLE
D	STORM MANHOLE
	SIGN
	LIGHT POLE
	TREE
	SHRUB
	STUMP
	HEDGE
	STONEWALL
	TREELINE
	MAILBOX
ohw	OVERHEAD WIRES
W	WATER LINE
G	GAS LINE
	PROPERTY LINE
	PROPERTY LINE OTHER
	PLANTED AREA
	GRAVEL AREA
	EXPOSED LEDGE
	EXISTING BUILDING
N/F	NOW OR FORMERLY
ELEV / EL	ELEVATION
W/	WITH
(TYP)	TYPICAL
C.M.P.	CORRUGATED METAL PIPE
R.C.P.	REINFORCED CONCRETE PIPE
C.P.P.	CORRUGATED PLASTIC PIPE
E.O.P.	EDGE OF PAVEMENT
B.C.L.C.	BITUMINOUS CONCRETE LIP CURB
G.C.	GRANITE CURB
RET.	RETAINING
INV	INVERT

GENERAL NOTES:

1. LOCATION OF UNDERGROUND UTILITIES ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR IS TO NOTIFY "CALL BEFORE YOU DIG" AT 1-800-922-4455, 48 HOURS PRIOR TO COMMENCING WORK.

2. WATER MAIN TO BE DEFLECTED UNDER ALL STORM DRAINS, UNLESS OTHERWISE NOTED, OR AS DIRECTED BY THE INSPECTOR. MINIMUM VERTICAL CLEARANCE OF 18" TO BE MAINTAINED BETWEEN STORM DRAIN AND WATER MAINS. THE CONTRACTOR IS RESPONSIBLE FOR PROPER COMPACTION AROUND AND UNDER EXISTING DRAINAGE FACILITIES, WHICH MAY INCLUDE REMOVAL AND RESETTING TO PROPER GRADE.

3. ALL VALVES AND FITTINGS SHALL BE INSTALLED WITH MEGA-LUG RETAINING GLANDS. THRUST BLOCKS SHALL BE INSTALLED IN ADDITION AT ALL BENDS AND TEE CONNECTIONS.

4. FIELD LOK GASKETS SHALL BE PLACED A MINIMUM 3 FULL PIPE LENGTHS FROM THE END OF ALL DEAD END LINES AND BLOWOFFS. AT ALL CHANGES OF DIRECTION, FIELD LOK GASKETS SHALL BE INSTALLED A MINIMUM OF 2 FULL PIPE LENGTHS FROM A FITTING OR AT THE DISCRETION OF THE ENGINEER/INSPECTOR.

5. ALL WATER MAINS SHALL BE INSTALLED TO A DEPTH OF 4 FEET OF COVER BASED ON THE ROADWAY GRADE, EXCEPT AS NOTED.

6. LOCATIONS OF WATER SERVICES ARE SHOWN AS APPROXIMATE ONLY. ACTUAL LOCATIONS TO BE VERIFIED IN THE FIELD. EXISTING SERVICES TO BE TIED OVER TO NEW MAIN WHERE SHOWN.

PROPOSED DRAINAGE & STATIONING TAKEN FROM AUTOCAD FILE RECEIVED FROM THE CONNECTICUT WATER COMPANY 12-17-15.

Scale: 1"=20'
0 10 20 40

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Notes

1. THIS SURVEY PLAN HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTION 20-300B-1 THROUGH 20-300B-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF THE LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996. CONFORMING TO A-2 HORIZONTAL ACCURACY & T-2 VERTICAL ACCURACY. AND INTENDED TO BE USED FOR PROJECT DESIGN.
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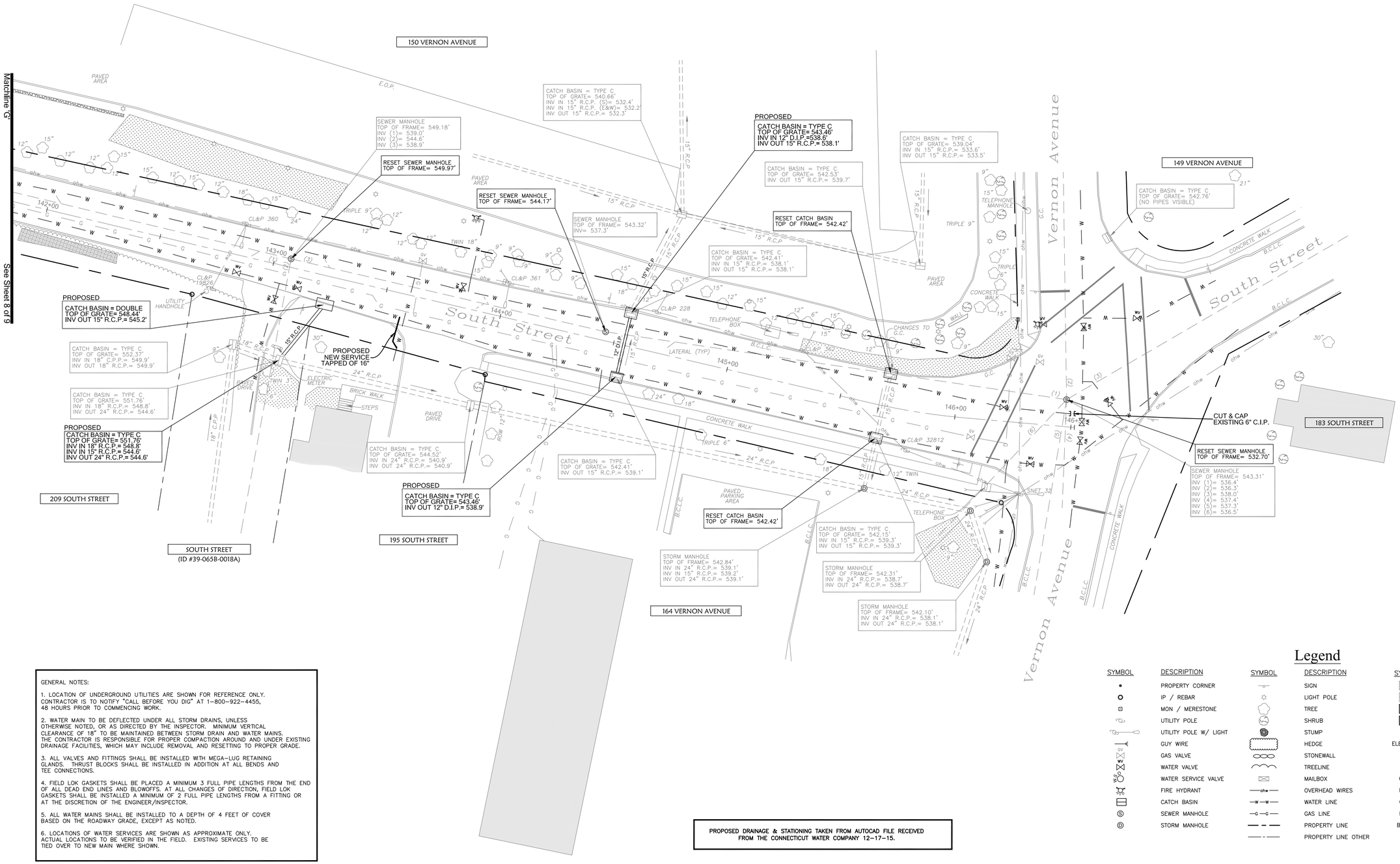
Proposed Water Main Replacement

South Street
Vernon, Connecticut

Scale: 1" = 20'

Drawing Number
NO-2791
BU# - 011834

Sheet 8 of 9



Legend

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
•	PROPERTY CORNER		SIGN		PLANTED AREA
O	IP / REBAR		LIGHT POLE		GRAVEL AREA
⊡	MON / MERESTONE		TREE		EXPOSED LEDGE
	UTILITY POLE		SHRUB		EXISTING BUILDING
	UTILITY POLE W/ LIGHT		STUMP	N/F	NOW OR FORMERLY
	GUY WIRE		HEDGE	ELEV / EL	ELEVATION
GV	GAS VALVE		STONEWALL	W/	WITH
W	WATER VALVE		TREELINE	(TYP)	TYPICAL
WS	WATER SERVICE VALVE		MAILBOX	C.M.P.	CORRUGATED METAL PIPE
	FIRE HYDRANT	ohw	OVERHEAD WIRES	R.C.P.	REINFORCED CONCRETE PIPE
	CATCH BASIN	W	WATER LINE	C.P.P.	CORRUGATED PLASTIC PIPE
S	SEWER MANHOLE	G	GAS LINE	E.O.P.	EDGE OF PAVEMENT
D	STORM MANHOLE		PROPERTY LINE	B.C.L.C.	BITUMINOUS CONCRETE LIP CURB
			PROPERTY LINE OTHER	G.C.	GRANITE CURB
				RET.	RETAINING
				INV	INVERT

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Date: 12/17/15

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Title: Senior Engineer

Title: Infrastructure Rehab. Mgr.

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Proposed Water Main Replacement

South Street
Vernon, Connecticut

Scale: 1" = 20'

Drawing Number
NO-2792
BU# - 011834

Sheet 9 of 9

BITUMINOUS CONCRETE LIP CURBING:

SOUTH ST CL	STA 99+57.74 LT	TO SOUTH ST CL	STA 110+50 LT
SOUTH ST CL	STA 99+51.96 RT	TO GLENSTONE DR CL STA 1+55 RT	
GLENSTONE DR CL	STA 1+55 RT	TO SOUTH ST CL	STA 110+50 RT

Aerial Utility Relocation Submitted By:
T.Shea-Frontier &
C. Benashski-Eversource
12/28/15

EVERSOURCE
Legend
Install Pole
Remove Pole
Guy & Anchor

BEGIN STATE PROJECT NO. 146-195
FEDERAL PROJECT NO. 1146(109)
SOUTH STREET STA 99+57
133 LF CUT & MATCH EXIST. BIT. CONC. PAV'T

SCHEDULE OF RIGHTS AND EASEMENTS:
- (A) EASEMENT TO SLOPE FOR THE SUPPORT OF THE HIGHWAY REQUIRED
- (B) EASEMENT TO SLOPE FOR THE SAFETY OF THE HIGHWAY & REMOVE, USE OR RETAIN EXCAVATED MATERIAL REQUIRED
- (C) EASEMENT TO SLOPE FOR THE DRAINAGE OF THE HIGHWAY AND REMOVE USE OR RETAIN EXCAVATED MATERIAL REQUIRED
- (D) EASEMENT TO EXCAVATE (RELOCATED) CHANNEL, (DITCH) PLACE RIPRAP AND REMOVE, USE OR RETAIN EXCAVATED MATERIAL REQUIRED
- (E) DRAINAGE RIGHT OF WAY REQUIRED
- (F) EASEMENT TO DRAIN REQUIRED
- (G) RIGHT TO GRADE REQUIRED
- (H) RIGHT TO CONSTRUCT/RELOCATE DRIVEWAY REQUIRED
- (I) EASEMENT TO INSTALL M.B.R. AND MAINTAIN GUIDE RAILING AND END ANCHORAGE REQUIRED
- (J) RIGHT TO INSTALL SEDIMENTATION CONTROL SYSTEM REQUIRED
- (K) RIGHT TO GRADE AND REMOVE, USE OR RETAIN EXCAVATED MATERIAL REQUIRED
- (L) TEMPORARY WORK AREA
- (M) TEMPORARY DETOUR

ALIGNMENT CURVE DATA

CURVE #	RADIUS	LENGTH	DELTA
C1	250.00'	96.71'	22°09'51.34"
C2	825.00'	42.35'	2°56'29.41"

PC STA 99+50.26
N372034.01
E677181.69

POB STA 99+41.93
N372033.84
E677173.36

PT STA 100+46.97
N372054.39
E677275.61

PC STA 104+87.84
N372228.96
E677680.45

PT STA 105+30.20
N372246.72
E677718.89

POB STA 1+00.00
N372392.51
E678014.31

PI STA 1+87.40
N372313.79
E678052.29

POE STA 3+19.25
N372196.80
E678113.09

SOUTH ST CL STA 108+58.20, 0.00' = GLENSTONE DR CL

STREET
SOUTH
WEST
STREET
GLENSTONE DR.
MATCH LINE STA 110+50

N88°50'20"E
N66°40'28"E
N63°43'59"E
S25°45'25"E
S27°27'55"E

SIDEWALK RAMP W/DETACTABLE WARNING PLACEMENT DTL. 1
STA 99+82.05, 33.87'L

CB-6
TYPE "C" CB DOUBLE GRATE TYPE "I"
STA 100+07.79 14.09' LT
TF = 441.69
CO-06 15" INV OUT = 438.69

CB-9
TYPE "C" CB
STA 100+99.92 12.15' LT
TF = 451.43
CO-09 15" INV OUT = 447.99

CO-09 24' 15" RCP

SUBJECT TO A 20' R.O.W. FOR SANITARY SEWERS IN FAVOR OF TOWN OF VERNON, MAP #542 V.L.R.

SUBJECT TO A POLE LINE EASEMENT IN FAVOR OF CL&P (EVERSOURCE ENERGY), V.137 P.625 V.L.R.

CB-12
TYPE "C" CB
STA 104+50.00 12.15' LT
TF = 484.54
CO-12 15" INV OUT = 481.29

SEDIMENTATION CONTROL SYSTEM (TYP)

570 LF UNDERDRAIN W/6" PERFORATED CORRUGATED POLYETHYLENE PIPE

RELOCATE UTILITY POLE (BY OTHERS)

SUBJECT TO AN EASEMENT FOR SEWERS IN FAVOR OF TOWN OF VERNON, V. 131 P.45 V.L.R.

SUBJECT TO A POLE AND GUY WIRE EASEMENT IN FAVOR OF CL&P (EVERSOURCE ENERGY) V.137 P.485 V.L.R.

SUBJECT TO A 20' R.O.W. FOR SANITARY SEWERS IN FAVOR OF THE TOWN OF VERNON, V. 131 P.45 V.L.R.

CONCRETE DRIVEWAY RAMP (TYP. UNLESS NOTED OTHERWISE)
BIT. CONC. DWY (TYP. UNLESS NOTED OTHERWISE)
5' CONCRETE SIDEWALK (TYP)
BIT. CONC. LIP CURB (TYP.)
APPROX. SLOPE LIMITS (TYP.)
4" TOPSOIL & TURF ESTABLISHMENT (TYP.)

TEST PITS TO DETERMINE COVER OF 8" GAS MAIN

SIDEWALK RAMP TYPE 1a
STA 108+26.15, 13.00'L

SUBJECT TO A POLE LINE EASEMENT IN FAVOR OF CL&P (EVERSOURCE ENERGY), V.138 P.196 V.L.R.

SUBJECT TO A 20' R.O.W. FOR SANITARY SEWERS IN FAVOR OF TOWN OF VERNON, MAP #542 V.L.R.

Relocate P18593S

Relocate P16878

Relocate P18593

NEW POLE

SUBJECT TO AN EASEMENT FOR UTILITIES IN FAVOR OF CL&P (EVERSOURCE ENERGY), V. 128 P. 68 V.L.R.

90 LF UNDERDRAIN W/6" PERFORATED CORRUGATED POLYETHYLENE PIPE

105 LF 6" OUTLET FOR UNDERDRAIN STA 106+10RT TO STA 107+15RT

BIT. CONC. LIP CURB (TYP.)

BIT. CONC. DWY (TYP. UNLESS NOTED OTHERWISE)

DEFINED EASEMENT FOR HIGHWAY PURPOSES

SIDEWALK RAMP TYPE 1a
STA 108+29.15, 21.00'R

RELOCATE UTILITY POLE (BY OTHERS)

LIMIT OF CONSTRUCTION
GLENSTONE DRIVE STA 1+55
30LF CUT & MATCH EXIST. BIT. CONC. PAV'T

SUPPORT UTILITY POLE (BY OTHERS)
CO-06 51' 15" RCP

SUPPORT UTILITY POLE (BY OTHERS)

P32810
Install push brace pole

P16877
Recloser

CB-5
TYPE "C" CB DOUBLE GRATE TYPE "II"
STA 99+81.02 29.00' RT
TF = 441.94
CO-06 15" INV IN = 438.36
CO-08 15" INV IN = 437.38
CO-05 18" INV OUT = 437.38

CB-8
TYPE "C" CB DOUBLE GRATE TYPE "I"
STA 100+97.38 11.50' RT
TF = 450.96
CO-09 15" INV IN = 447.76
CO-11 15" INV IN = 447.76
CO-08 15" INV OUT = 447.76

CO-08 123' 15" RCP & UNDERDRAIN W/6" PERFORATED CORRUGATED POLYETHYLENE PIPE

CO-11 353' 15" RCP & 169 LF & 50 LF UNDERDRAIN W/6" PERFORATED CORRUGATED POLYETHYLENE PIPE & 130 LF 6" OUTLET FOR UNDERDRAIN STA 102+68RT TO STA 103+98RT

CO-05 40' 18" RCP & UNDERDRAIN W/6" PERFORATED CORRUGATED POLYETHYLENE PIPE

REMOVE CATCH BASIN & 10 LF 30" RCP

CB-3
TYPE "C" CB OVER 10' DEEP
STA 99+57.59 57.63' RT
TF = 443.27
CO-05 18" INV IN = 437.17
CO-04 15" INV IN = 439.33
CO-03 30" INV OUT = 434.74

CO-04 79' 15" RCP

CB-4
TYPE "C" CB DOUBLE GRATE TYPE "I"
STA 99+51.42 136.13' RT
TF = 446.27
CO-04 15" INV OUT = 442.31

160 LF UNDERDRAIN W/6" PERFORATED CORRUGATED POLYETHYLENE PIPE

CO-12 24' 15" RCP

CB-11
TYPE "C" CB DOUBLE GRATE TYPE "I"
STA 104+50.00 11.50' RT
TF = 484.54
CO-12 15" INV IN = 481.04
CO-11 15" INV OUT = 481.04

SEDIMENTATION CONTROL SYSTEM PLACED AFTER GRADING (TYP)

CURB GEOMETRY AT INTERSECTIONS

SOUTH ST CL	POB STA 99+57.74	113.09'L	N372,147.23 E677,183.49
SOUTH ST CL	PC STA 99+60.08	59.48'L	N372,093.77 E677,187.96
SOUTH ST CL	PCC STA 100+03.99	16.13'L	N372,056.52 E677,231.12
SOUTH ST CL	PT STA 100+46.97	13.00'L	N372,066.33 E677,270.46
SOUTH ST CL	POB STA 99+51.96	141.93'R	N371,892.17 E677,187.23
SOUTH ST CL	PC STA 99+57.00	67.02'R	N371,967.29 E677,191.59
SOUTH ST CL	PT STA 99+80.33	30.17'R	N372,006.55 E677,215.87
SOUTH ST CL	PI STA 100+75.05	13.00'R	N372,053.57 E677,306.54
SOUTH ST CL	PC STA 108+05.15	13.00'R	N372,356.74 E677,971.21
GLENSTONE DR CL	PT STA 1+53.48	14.00'R	N372,338.25 E678,024.94
GLENSTONE DR CL	POE STA 1+55.00	14.00'R	N372,336.89 E678,025.60
GLENSTONE DR CL	POB STA 1+55.00	14.00'L	N372,349.06 E678,050.82
GLENSTONE DR CL	PC STA 1+52.52	14.00'L	N372,351.29 E678,049.74
SOUTH ST CL	PT STA 109+13.16	13.00'R	N372,404.54 E678,068.06

SCHEDULE OF RIGHTS AND EASEMENTS (CONTINUED):
- (N) RIGHT TO CONSTRUCT WALK AND/OR STEPS REQUIRED
- (O) RIGHT TO INSTALL, RESET OR RELOCATE STONE WALL, FENCE OR LIGHT REQUIRED
- (P) EASEMENT OR RIGHT TO INSTALL LAWN DRAIN & PIPE REQUIRED
- (Q) DEFINED TRAFFIC EASEMENT REQUIRED
- (R) DEFINED EASEMENT FOR HIGHWAY PURPOSES REQUIRED
- (S) DEFINED SIGHT LINE EASEMENT REQUIRED
- (T) DEFINED EASEMENT FOR WETLAND MITIGATION PURPOSES REQUIRED
- (U) EASEMENT TO CONSTRUCT & MAINTAIN RETAINING WALL REQUIRED
- (V) EASEMENT TO CONSTRUCT SIDEWALK REQUIRED
- (W) RIGHTS OF ACCESS ACQUIRED
- (X) RIGHTS OF ACCESS DENIED
- (Y) EASEMENT TO POND
- (Z) RIGHT TO RESET BOLLARD REQUIRED

FOR INFORMATION ONLY

N/F BERGENN JAMES W, AS TRUSTEE OF THE FAMILY TRUST U/A FERNANDO V. DEFEO DATED MARCH 22, 1990 FBO RALPH DEFEO (B G H J)

CONNECTICUT COORDINATE GRID 83-87

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Plotted: NOV. 12, 2015

DESIGNER/DRAFTER: AD
CHECKED BY: ME
SCALE IN FEET 0 40 80
SCALE 1"=40'

CARDINAL ENGINEERING ASSOCIATES
3 Colony Street | Meriden, CT 06451 | 203-238-1969
Filename:P\Civ3dProj2014\VernonSouthSt64\Prodwg\VFG-SouthSt(1)(1).dwg

SIGNATURE/ BLOCK:

PROJECT TITLE: RECONSTRUCTION OF SOUTH STREET

TOWN: VERNON

DRAWING TITLE: PLAN

PROJECT NO. 146-195
DRAWING NO. PLN-1
SHEET NO. 03 11

P:\Civil 3d Projects 2014\Vernon South St64\Production Drawings\VFG - SouthSt(1) - (1).dwg, PLN - (1), 11/12/2015 4:52:39 PM, DWG To PDF.pc3, ANSI expand D (22.00 x 34.00 Inches)

EVERSOURCE

Legend

- Install Pole
- Remove Pole
- Guy & Anchor

Aerial Utility Relocation Submitted By: T.Shea-Frontier & C. Benashski-Eversource 12/28/15

SUBJECT TO AN EASEMENT FOR UTILITIES IN FAVOR OF YANKEE GAS SERVICES COMPANY N/K/A (EVERSOURCE ENERGY), V.2294 P.45 V.L.R.

SUBJECT TO A 30' EASEMENT FOR PIPELINES IN FAVOR OF THE CONNECTICUT WATER COMPANY, V.196 P.709 V.L.R.

BIT. CONC. DWY (TYP. UNLESS NOTED OTHERWISE)

CONC. DWY RAMP (TYP. UNLESS NOTED OTHERWISE)

APPROX. SLOPE LIMITS (TYP.)

5' CONCRETE SIDEWALK (TYP. UNLESS NOTED OTHERWISE)

BIT. CONC. LIP CURB (TYP.)

4" TOPSOIL & TURF ESTABLISHMENT (TYP.)

CO-33 5' 12" CPP

CB-23
TYPE "C" CB OVER 10' DEEP
STA 114+45.86 12.15' LT
TF = 501.68
CO-33 12" INV IN = 497.79
CO-35 24" INV IN = 496.63
CO-25 15" INV IN = 497.87
CO-32 30" INV OUT = 492.65

RELOCATE UTILITY POLE (BY OTHERS)

CO-25 18' 15" RCP

SEDIMENTATION CONTROL SYSTEM PLACED AFTER GRADING (TYP)

RELOCATE UTILITY POLE LOWER (BY OTHERS)

TEST PIT TO DETERMINE COVER OF UNDERGROUND TELEPHONE & ELECTRIC

CB-25
(A)(H)(J) TYPE "C" CB
STA 114+27.89 12.15' LT
TF = 501.64
CO-27 15" INV IN = 498.15
CO-25 15" INV OUT = 498.14

SEDIMENTATION CONTROL SYSTEM (TYP.)

CB-27
(B)(G)(H)(J) TYPE "C" CB
STA 112+22.21 12.17' LT
TF = 506.53
CO-28 15" INV IN = 501.93
CO-27 15" INV OUT = 501.18

CO-27 203' 15" RCP

CO-28 8' 15" RCP

200 LF UNDERDRAIN W/6" PERFORATED CORRUGATED POLYETHYLENE PIPE

PC STA 111+07.89
N372506.37
E678236.92

PT STA 111+85.38
N372536.06
E678306.72

Reset P12598 Primary riser

LOWER CONDUIT/CABLES. SEE CROSS SECTION STA 112+50

MATCH LINE STA 110+50

PC STA 7+96.38
N372982.51
E678779.91

PT STA 7+41.89
N372931.44
E678760.91

CB-37
TYPE "C" CB
STA 7+22.71 14.80' LT
TF = 502.50
CO-38 15" INV IN = 500.00
CO-40 15" INV OUT = 500.00
CO-37 24" INV OUT = 499.00

CO-37 202' 24" RCP CL V

PC STA 5+91.16
N372784.12
E678732.44

CB-35
SPECIAL ROUND TYPE "C" CB
STA 116+23.21 27.84' LT
TF = 505.57
CO-37 24" INV IN = 497.85
CO-46 15" INV IN = 500.76
CO-35 24" INV OUT = 497.60

RELOCATE UTILITY POLE (BY OTHERS)

RELOCATE 50 LF EXISTING FENCE

SIDEWALK RAMP W/DETACTABLE WARNING PLACEMENT DTL. 1
STA 115+96.26, 21.00'L

SUBJECT TO A 15' EASEMENT FOR SANITARY SEWERS IN FAVOR OF CRAIG WEBB

CO-35 182' 24" RCP

Relocate P562 1PH Tap

Relocate P563 1PH Tap

PC STA 114+02.26
N372628.61
E678502.86

CO-32 24' 30" RCP

TEST PIT TO DETERMINE COVER OF 8" GAS MAIN

CO-21 164' 30" RCP

MH-20
MANHOLE
STA 114+37.54 175.63' RT
TF = 494.49
CO-21 30" INV IN = 491.70
CO-20 30" INV OUT = 491.70

CO-20 54' 30" RCP

OF-2
STA 114+17.55 227.21' RT
30" REINFORCED CONCRETE CULVERT END
CO-20 30" INV = 491.50

PREFORMED RIPRAP SCOUR HOLE

TEST PITS TO DETERMINE COVER OF 8" GAS MAIN

SUBJECT TO AN EASEMENT FOR UTILITY POLE PURPOSES IN FAVOR OF SNET N/K/A FRONTIER COMMUNICATIONS

SUBJECT TO A 15' EASEMENT FOR SEWERS IN FAVOR OF TOWN OF VERNON, V.370 P.53 V.L.R.

ALPERT RD.

CO-40 8' 15" RCP

CO-38 8' 15" RCP

Structure - (146)
RESET MANHOLE (SAN)
STA 116+66.39 178.70' LT
TF = 503.60

LIMIT OF CONSTRUCTION

ALPERT ROAD STA 5+55
32 LF CUT & MATCH EXIST. BIT. CON

N20°24'11"E

Structure - (145)
RESET MANHOLE (SAN)
STA 116+38.09 12.12' LT
TF = 506.96

CO-46 94' 15" RCP

SIDEWALK RAMP W/DETACTABLE WARNING PLACEMENT DTL. 1
STA 116+93.23, 21.00'L

SUBJECT TO A 15' EASEMENT FOR SEWERS IN FAVOR OF TOWN OF VERNON, V.370 P.53 V.L.R.

CB-46
TYPE "C" CB
STA 117+13.04 12.15' LT
TF = 511.06
CO-47 15" INV IN = 507.61
CO-48 15" INV IN = 506.22
CO-46 15" INV OUT = 506.22

SUBJECT TO AN EASEMENT FOR SEWERS IN FAVOR OF TOWN OF VERNON, V.53 P.53 V.L.R.

RELOCATE 50 LF EXISTING FENCE

RELOCATE UTILITY POLE (BY OTHERS)

CO-48 237' 15" RCP

Relocate P560 1PH Tap

SOUTH ST CL STA 116+42.13, 0.00'
= ALPERT RD CL
POB STA 5+00.02
N372693.01
E678730.12

DEFINED EASEMENT FOR HIGHWAY PURPOSES

SEDIMENTATION CONTROL SYSTEM (TYP)

CO-47 24' 15" RCP

CB-47
TYPE "C" CB
STA 117+13.14 12.15' RT
TF = 511.06
CO-47 15" INV OUT = 507.86

N1°27'32"E

SIDEWALK RAMP TYPE 1a
STA 116+14.82, 14.83'R

CB-21
TYPE "C" CB OVER 10' DEEP
STA 114+45.86 12.15' RT
TF = 501.57
CO-32 30" INV IN = 492.40
CO-21 30" INV OUT = 492.40

TEST PITS TO DETERMINE HORZ. & VERT. LOCATION OF 8" GAS MAIN AT PROPOSED 30"RCP & MANHOLE

SUBJECT TO AN EASEMENT FOR SANITARY SEWERS AND WATER LINES IN FAVOR OF TOWN OF VERNON, V.136 P.110 V.L.R.

SUBJECT TO AN EASEMENT FOR GAS DISTRIBUTION IN FAVOR OF YANKEE GAS SERVICES CPMANY N/K/A EVERSORCE ENERGY, V.2294 P.48 V.L.R.

Structure - (144)
RESET MANHOLE (SAN)
STA 119+61.68 9.10' LT
TF = 533.70

CB-48
TYPE "C" CB 4' WIDE W/TOP SLAB
STA 119+50.00 13.15' LT
TF = 532.26
CO-50 15" INV IN = 525.63
CO-49 15" INV IN = 528.76
CO-48 15" INV OUT = 525.26

RELOCATE UTILITY POLE (BY OTHERS)

SUBJECT TO AN EASEMENT FOR SEWERS IN FAVOR OF TOWN OF VERNON, V.53 P.53 V.L.R.

Relocate P978

Relocate P977 Riser

Relocate P976

PC STA 119+85.88
N372698.36
E679076.29

PT STA 120+32.61
N372697.29
E679123.02

LOWER TELE CONDUIT/ CABLE. SEE CROSS SECTION STA 120+50

SEDIMENTATION CONTROL SYSTEM PLACED AFTER GRADING (TYP)

RELOCATE UTILITY POLE (BY OTHERS)

CO-50 250' 15" RCP

BIT. CONC. LIP CURB (TYP.)

5' CONCRETE SIDEWALK TYP)

BIT. CONC. DWY (TYP. UNLESS NOTED OTHERWISE)

CONC. DWY RAMP (TYP. UNLESS NOTED OTHERWISE)

RELOCATE UTILITY POLE (BY OTHERS)

APPROX. SLOPE LIMITS (TYP.)

CB-50
TYPE "C" CB
STA 122+00.00 12.15' LT
TF = 551.90
CO-52 15" INV IN = 548.67
CO-50 15" INV OUT = 544.73

4" TOPSOIL & TURF ESTABLISHMENT (TYP.)

Structure - (143)
RESET MANHOLE (SAN)
STA 121+85.41 5.47' LT
TF = 551.35

BIT. CONC. LIP CURB (TYP.)

BIT. CONC. DWY (TYP. UNLESS NOTED OTHERWISE)

APPROX. SLOPE LIMITS (TYP.)

4" TOPSOIL & TURF ESTABLISHMENT (TYP.)

CO-49 25' 15" RCP

CB-49
TYPE "C" CB
STA 119+50.00 12.15' RT
TF = 532.26
CO-49 15" INV OUT = 529.01

SEDIMENTATION CONTROL SYSTEM PLACED AFTER GRADING (TYP)

240 LF UNDERDRAIN W/6" PERFORATED CORRUGATED POLYETHYLENE PIPE

MATCH LINE STA 123+00

CONNECTICUT COORDINATE GRID 83-87

FOR INFORMATION ONLY

ALIGNMENT CURVE DATA

CURVE #	RADIUS	LENGTH	DELTA
C3	4415.44'	77.50'	1°00'20.45"
C4	720.00'	315.02'	25°04'07.84"
C5	1500.00'	46.73'	1°47'06.30"
C14	455.68'	150.73'	18°57'08.71"
C15	483.57'	173.24'	20°31'36.94"

CURB GEOMETRY AT INTERSECTIONS:

SOUTH ST CL	PC STA 115+90.61	13.00'L	N372,698.72	E678,679.40
ALPERT RD CL	PRC STA 5+48.49	15.00'L	N372,741.85	E678,716.36
ALPERT RD CL	POE STA 5+55.00	15.00'L	N372,748.35	E678,716.53
ALPERT RD CL	POB STA 5+57.36	15.83'R	N372,749.93	E678,747.40
SOUTH ST CL	PRC STA 116+98.54	13.00'L	N372,710.15	E678,788.58

BITUMINOUS CONCRETE LIP CURBING:

SOUTH ST CL	STA 110+50	LT TO ALPERT RD CL STA	5+55 LT
ALPERT RD CL	STA 5+57.36	RT TO SOUTH ST CL STA	123+00 LT
SOUTH ST CL	STA 110+50	RT TO SOUTH ST CL STA	123+00 RT

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
-	-	-	-

Plotted: NOV. 12, 2015

DESIGNER/DRAFTER: AD
CHECKED BY: ME
SCALE IN FEET 0 40 80
SCALE 1"=40'

CARDINAL ENGINEERING ASSOCIATES
3 Colony Street | Meriden, CT 06451 | 203-238-1969
Filename:P\Civ3dProj2014\VernonSouthSt64\Prodwg\VFG-SouthSt(1)(1).dwg

SIGNATURE/ BLOCK: - -

PROJECT TITLE: RECONSTRUCTION OF SOUTH STREET

TOWN: VERNON

DRAWING TITLE: PLAN

PROJECT NO. 146-195
DRAWING NO. PLN-2
SHEET NO. 03 12

P:\Civil 3d Projects 2014\Vernon South St64\Production Drawings\VFG - SouthSt(1) - (1).dwg, PLN - (2), 11/12/2015 4:53:03 PM, DWG To PDF.pc3, ANSI expand D (22.00 x 34.00 Inches)

BITUMINOUS CONCRETE LIP CURBING:

SOUTH ST CL	STA 123+00	LT TO JANET LA CL	STA 10+60 LT
JANET LA CL	STA 10+60	RT TO SOUTH ST CL	STA 135+00 LT
SOUTH ST CL	STA 123+00	RT TO EVERGREEN RD CL	STA 15+60 RT
EVERGREEN RD CL	STA 15+63.07	LT TO KNOLLWOOD DR CL	STA 20+60 RT
KNOLLWOOD DR CL	STA 20+60	LT TO SOUTH ST CL	STA 135+00 RT

Aerial Utility Relocation
Submitted By:
T.Shea-Frontier &
C. Benashski-Eversource
12/28/15

EVERSOURCE
Legend
Install Pole
Remove Pole
Guy & Anchor

ALIGNMENT CURVE DATA			
CURVE #	RADIUS	LENGTH	DELTA
C8	1500.00'	60.13'	2°17'48.98"
C9	900.00'	170.52'	10°51'19.24"
C16	200.00'	28.73'	8°13'52.50"
C17	800.00'	177.63'	12°43'18.26"

CONNECTICUT COORDINATE GRID 83-87

POE STA 12+24.51
N372909.58
E679554.73

BIT. CONC. LIP CURB (TYP.)
5' CONCRETE SIDEWALK (TYP)
RELOCATE UTILITY POLE (BY OTHERS)
SIDEWALK RAMP W/ DETACTABLE WARNING PLACEMENT DTL. 1
STA 124+01.44, 21.00'L
CO-52 309' 15" RCP
NEW POLE
Relocate P974
Relocate P973
Relocate Jct.P972
Relocate P970
Relocate P969
Relocate P968
Reset P967
Reset P966
JANET LA.
N4°37'50"W 51.21'
TP W13
SOUTH ST.
S88°24'26"E
ST.
S86°06'37"E
MATCH LINE STA 123+00
MATCH LINE STA 135+00

LIMIT OF CONSTRUCTION
JANET LANE STA 10+60
32 LF CUT & MATCH EXIST. BIT. CONC. PAV'T

TEST PITS TO DETERMINE VERT. LOCATION OF 8" WATER MAIN AT PROPOSED 15"RCP

DEFINED EASEMENT FOR HIGHWAY PURPOSES

SIDEWALK RAMP W/DETACTABLE WARNING PLACEMENT DTL. 1
STA 124+93.83, 21.00'L

CB-52
TYPE "C" CB DOUBLE GRATE TYPE "I"
STA 125+09.27 11.50' LT
TF = 563.17
CO-52 15" INV OUT = 559.63

RELOCATE UTILITY POLE (BY OTHERS)

SIDEWALK RAMP TYPE 1a
STA 126+42.58, 13.00'L

RELOCATE 50 LF FENCE
RESET STONE WALK
REMOVE 10 LF & RESET 16 LF FENCE

Structure - (141)
RESET MANHOLE (SAN)
STA 126+55.09 2.25' LT
TF = 567.73

RELOCATE UTILITY POLE (BY OTHERS)

SOUTH ST CL STA 126+71.37, 0.00' = EVERGREEN RD CL
POB STA 15+00.86
N372680.04
E679761.48

BIT. CONC. LIP CURB (TYP.)
5' CONCRETE SIDEWALK (TYP)
4" TOPSOIL & TURF ESTABLISHMENT (TYP.)
APPROX. SLOPE LIMITS (TYP.)
RELOCATE UTILITY POLE (BY OTHERS)

SEDIMENTATION CONTROL SYSTEM PLACED AFTER GRADING (TYP)

SUBJECT TO A DRIVEWAY EASEMENT IN FAVOR OF CHRISTINE E. BANKS, V. 1882 P.104 V.L.R.

SUBJECT TO AN EASEMENT FOR UTILITIES IN FAVOR OF CL&P V. 1818 P. 83 V.L.R.

RELOCATE UTILITY POLE LOWER (BY OTHERS)

Structure - (139)
RESET MANHOLE (SAN)
STA 130+11.27 3.70' LT
TF = 581.79

CONC. WALK (TYP. UNLESS NOTED OTHERWISE)
BIT. CONC. DWY (TYP. UNLESS NOTED OTHERWISE)
CONC. DWY RAMP (TYP. UNLESS NOTED OTHERWISE)
RELOCATE UTILITY POLE LOWER (BY OTHERS)

Structure - (138)
RESET MANHOLE (SAN)
STA 131+97.55 4.90' LT
TF = 590.94

SUBJECT TO A 10' EASEMENT FOR UTILITY SERVICES IN FAVOR OF KURT E. DOUGHTY ET. AL., V. 2336 P. 306 V.L.R.

PC STA 132+10.85
N372665.04
E680300.81

SOUTH ST CL STA 132+35.42, 0.00' = KNOLLWOOD DR CL
POB STA 20+00.03
N372664.16
E680325.30

S2°34'21"W

PT STA 132+70.99
N372662.17
E680360.87

SIDEWALK RAMP TYPE 1a
STA 132+78.20, 13.00'L

6" WATER MAIN TO BE ABANDONED BY OTHERS

925 LF UNDERDRAIN W/6" PERFORATED CORRUGATED POLYETHYLENE PIPE

RELOCATE (LOWER) UTILITY POLES (BY OTHERS)

Structure - (137)
RESET MANHOLE (SAN)
STA 133+80.06 6.42' LT
TF = 596.63

PC STA 134+06.94
N372652.95
E680496.51

DEFINED EASEMENT FOR HIGHWAY PURPOSES
SIDEWALK RAMP TYPE 1a
STA 132+78.78, 15.25'R

PC STA 20+17.03
N372647.18
E680324.53

CONC. DWY RAMP (TYP. UNLESS NOTED OTHERWISE)
BIT. CONC. DWY (TYP. UNLESS NOTED OTHERWISE)

PT STA 21+94.66
N372470.30
E680336.25

POE STA 22+25.01
N372440.42
E680341.59

665 LF UNDERDRAIN W/6" PERFORATED CORRUGATED POLYETHYLENE PIPE

SOUTH ST CL STA 124+46.42, 0.00' = JANET LA CL
POB STA 10+00.49
N372686.29
E679536.64

BIT. CONC. LIP CURB (TYP.)
BIT. CONC. DWY (TYP. UNLESS NOTED OTHERWISE)

3' CONCRETE WALK
Structure - (142)
RESET MANHOLE (SAN)
STA 124+47.96 1.44' LT
TF = 562.08

DEFINED EASEMENT FOR HIGHWAY PURPOSES

SIDEWALK RAMP TYPE 1a
STA 126+43.44, 21.24'R

S0°20'32"W

PC STA 15+28.38
N372652.51
E679761.32

PT STA 15+57.12
N372623.87
E679763.21

LIMIT OF CONSTRUCTION
EVERGREEN ROAD STA 15+60
28LF CUT & MATCH EXIST. BIT. CONC. PAV'T

EVERGREEN RD.

Structure - (140)
RESET MANHOLE (SAN)
STA 127+85.28 2.24' LT
TF = 571.73

DEFINED EASEMENT FOR HIGHWAY PURPOSES

POE STA 17+15.96
N372466.53
E679785.01

S75°21'E

4" TOPSOIL & TURF ESTABLISHMENT (TYP.)
APPROX. SLOPE LIMITS (TYP.)
2 CONCRETE STEPS & WALK
BIT. CONC. LIP CURB (TYP.)

SEDIMENTATION CONTROL SYSTEM (TYP)

MEASUREMENT AT VALVE TO DETERMINE COVER & EXTENT OF LOWERING OF 12" WATER MAIN AT PROPOSED ROAD LOWERING BETWEEN STA 133+00RT & STA 136+25RT

LIMIT OF CONSTRUCTION
KNOLLWOOD DRIVE STA 20+60
31 LF CUT & MATCH EXIST. BIT. CONC. PAV'T

KNOLLWOOD DR.

S7°59'80.01"E

CURB GEOMETRY AT INTERSECTIONS:

SOUTH ST CL	PC STA 123+96.02 13.00'L	N372,700.69 E679,486.65
JANET LA CL	PT STA 10+48.75 15.00'L	N372,735.60 E679,525.59
JANET LA CL	POE STA 10+60.00 15.00'L	N372,746.82 E679,526.49
JANET LA CL	POB STA 10+60.00 15.00'R	N372,744.40 E679,556.40
JANET LA CL	PC STA 10+51.21 15.00'R	N372,735.64 E679,555.69
SOUTH ST CL	PT STA 124+99.01 13.00'L	N372,697.82 E679,589.60
SOUTH ST CL	PC STA 126+19.13 13.00'R	N372,668.50 E679,708.95
EVERGREEN RD CL	PT STA 15+47.52 14.50'R	N372,632.10 E679,747.68
EVERGREEN RD CL	POE STA 15+60.00 14.50'R	N372,619.02 E679,749.24
EVERGREEN RD CL	PC STA 15+63.07 14.50'L	N372,619.96 E679,778.38
SOUTH ST CL	PT STA 127+29.34 13.00'R	N372,665.43 E679,819.12
SOUTH ST CL	PC STA 131+85.62 13.00'R	N372,652.75 E680,275.22
KNOLLWOOD DR CL	PRC STA 20+46.83 14.50'R	N372,617.50 E680,309.25
KNOLLWOOD DR CL	POB STA 20+60.00 14.50'R	N372,604.09 E680,309.26
KNOLLWOOD DR CL	POE STA 20+60.00 14.50'L	N372,604.35 E680,338.26
KNOLLWOOD DR CL	PC STA 20+56.60 14.50'L	N372,607.68 E680,338.23
SOUTH ST CL	PT STA 132+92.00 13.00'R	N372,647.77 E680,380.95

FOR INFORMATION ONLY

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Plotted: NOV. 12, 2015

DESIGNER/DRAFTER: AD
CHECKED BY: ME
SCALE IN FEET 0 40 80
SCALE 1"=40'

CARDINAL ENGINEERING ASSOCIATES
3 Colony Street I Meriden, CT 06451 I 203-238-1969
Filename:P:\Civil3dProj2009\VernonSouthSt\Prodwg\VFG-SouthSt(1)(1).dwg

SIGNATURE/ BLOCK: - -

PROJECT TITLE: RECONSTRUCTION OF SOUTH STREET

TOWN: VERNON

DRAWING TITLE: PLAN

PROJECT NO. 146-195
DRAWING NO. PLN-3
SHEET NO. 03 13

P:\Civil 3d Projects 2014\Vernon South St\Production Drawings\VFG - SouthSt(1) - (1).dwg, PLN - (3), 11/12/2015 4:53:12 PM, DWG To PDF.pc3, ANSI expand D (22.00 x 34.00 Inches)

Aerial Utility Relocation
Submitted By:
T.Shea-Frontier &
C. Benashski-Eversource
12/28/15

END STATE PROJECT NO. 146-195
FEDERAL PROJECT NO. ()
SOUTH STREET STA 146+37.71
112 LF CUT & MATCH EXIST. BIT. CONC. PAV'T

CURB GEOMETRY AT INTERSECTIONS

SOUTH ST CL	PC STA 138+08.82 13.00'L	N372,579.07 E680,891.58
BANCROFT RD CL	PT STA 26+46.68 13.00'R	N372,614.54 E680,941.63
BANCROFT RD CL	PC STA 26+50.00 13.46'L	N372,609.05 E680,967.72
SOUTH ST CL	PCC STA 138+84.67 28.59'L	N372,574.97 E680,968.83
SOUTH ST CL	PT STA 139+07.83 13.00'L	N372,554.07 E680,987.33
SOUTH ST CL	PC STA 145+79.75 15.00'L	N372,452.56 E681,648.48
SOUTH ST CL	PCC STA 146+27.82 30.25'L	N372,467.21 E681,695.13
SOUTH ST CL	PT STA 146+33.29 39.81'L	N372,476.82 E681,700.52
SOUTH ST CL	PC STA 146+16.97 19.95'R	N372,416.92 E681,684.72
SOUTH ST CL	PCC STA 146+33.86 36.45'R	N372,400.56 E681,701.75
SOUTH ST CL	PT STA 146+35.20 64.65'R	N372,372.38 E681,703.34

(H)(I) N/F WRONA STEPHANIE J

BITUMINOUS CONCRETE LIP CURBING
SOUTH ST CL STA 135+00 LT TO BANCROFT RD CL STA 26+46.68 RT
BANCROFT RD CL STA 26+50 LT TO SOUTH ST CL STA 145+79.75 LT

RESET GRANITE STONE CURBING
SOUTH ST CL STA 135+00 RT TO SOUTH ST CL STA 146+35.20 RT

LIMIT OF CONSTRUCTION
BANCROFT STREET STA 26+50
28 LF CUT & MATCH EXIST. BIT. CONC. PAV'T

BANCROFT STREET

MATCH LINE STA 135+00

SIDEWALK RAMP TYPE 1a
STA 138+32.82, 21.00'L

N/F BELCHER RICKEY L, ET AL.

BIT. CONC. LIP CURB (TYP.)

SEDIMENTATION CONTROL SYSTEM (TYP)

BIT. CONC. DWY (TYP. UNLESS NOTED OTHERWISE)

6" WATER MAIN TO BE ABANDONED BY OTHERS

PT STA 135+77.45
N372625.38
E680664.52

Reset P12696

Reset P12695

N/F CARANGELO DANIEL B. (G)(J)

N/F PICARD MARCINE

TP W15

SOUTH
S75°15'18"E

TEST PITS TO DETERMINE COVER OVER 12" WATER MAIN AT PROPOSED ROAD LOWERING BETWEEN STA 133+0 AND STA 136+0

SIGHT LINE EASEMENT

N/F GARGIULO MICHAEL D. ET AL.

POB STA 25+00.28
N372759.78
E680954.60

S22°09'E

PC STA 25+51.65
N372708.45
E680956.58

87 LF STOCKADE FENCE 6' HIGH

87 LF REMOVE FENCE
RELOCATE HYDRANT

N/F REYNALDO MCCOY (J)(S)

PT STA 140+90.31
N372503.07
E681162.32

S75°28'03"E

S82°08'06"E

N89°30'24"E

APPROX. SLOPE LIMITS (TYP.)

Structure - (150)
RESET MANHOLE (SAN)
STA 143+06.91 3.60' LT
TF = 549.97

4" TOPSOIL & TURF ESTABLISHMENT (TYP.)

RELOCATE UTILITY POLE (BY OTHERS)

PCC STA 26+50.00
N372610.19
E680954.31

BIT. CONC. LIP CURB (TYP.)

PT STA 26+78.86
N372581.85
E680949.14

SUBJECT TO AN EASEMENT FOR GAS DISTRIBUTION IN FAVOR OF YANKEE GAS SERVICES COMPANY (EVERSOURCE ENERGY), V.2397 P.12 V.L.R.

SUBJECT TO EASEMENTS TO SLOPE IN FAVOR OF THE TOWN OF VERNON, V.253 P.168 V.L.R. V.255 P.162 V.L.R.

SUBJECT TO AN EASEMENT FOR UTILITIES IN FAVOR OF FRONTIER COMMUNICATIONS F/K/A SNET, V.686 P.22 V.L.R.

N/F ESS VILLA APARTMENT PROPERTIES, LLC (R) BLDG. 5

BLDG. 4

BLDG. 6

150 Vernon Ave

CB-97
TYPE "C" CB TOP
STA 145+69.25 14.15' LT
TF = 542.42

PC STA 145+62.19
N372439.43
E681629.89

RELOCATE UTILITY POLE (BY OTHERS)

RELOCATE UTILITY POLE HIGHER (BY OTHERS)

CO-130 8' 15" RCP
CB-130
TYPE "C" CB
STA 144+54.47 14.14' LT
TF = 543.46
CO-130 12" INV IN = 538.64
CO-130 15" INV OUT = 538.08

Structure - (151)
RESET MANHOLE (SAN)
STA 144+45.57 3.85' LT
TF = 544.17

RELOCATE UTILITY POLE HIGHER (BY OTHERS)

PT STA 143+27.25
N372470.77
E681397.04

Reset P361 (This pole was replaced in 2015)

Relocate P360 1PH Tap

Reset Eversource P32811 Riser pole

Reset Frontier P32811 Riser pole

SIDEWALK RAMP TYPE 1a
STA 146+13.34, 21.44'L

DEFINED EASEMENT FOR HIGHWAY PURPOSES

PT STA 146+04.90
N372436.77
E681672.48

POE STA 146+51.52
N372437.17
E681719.10

VERNON AVE.

SOUTH ST.

EVERSOURCE
Legend
Install Pole
Remove Pole
Guy & Anchor

CONNECTICUT COORDINATE GRID 83-87

Relocate P12694S Install sidewalk guy

Relocate P12693S Install sidewalk guy

Install new pole P359S Install sidewalk guy

Relocate P19826 Riser

870 LF UNDERDRAIN W/6" PERFORATED CORRUGATED POLYETHYLENE PIPE

RELOCATE UTILITY POLE (BY OTHERS)

Structure - (149)
RESET MANHOLE (SAN)
STA 140+26.46 2.50' LT
TF = 568.98

BIT. CONC. LIP CURB (TYP.)

4" TOPSOIL & TURF ESTABLISHMENT (TYP.)

APPROX. SLOPE LIMITS (TYP.)

PC STA 139+60.56
N372528.25
E681035.11

RELOCATE UTILITY POLE (BY OTHERS)

Structure - (148)
MANHOLE (SAN) ON END OF PIPE
STA 138+78.47 4.86' LT
TF = 577.59
INV ON PROFILE IS APPROXIMATE

SEDIMENTATION CONTROL SYSTEM PLACED AFTER GRADING (TYP)

PC STA 138+33.10
N372560.32
E680911.75

SIDEWALK RAMP TYPE 1a
STA 138+32.82, 13.00'R

S15°51'47"W

SOUTH ST CL STA 138+63.30, 0.00'
= BANCROFT ST POE STA 27+09.16
N372552.69
E680940.85

PT STA 138+77.62
N372549.06
E680954.82

(B)(J) N/F ESS VERNON PROPERTIES, LLC

PC STA 142+57.01
N372480.26
E681327.44

5' CONCRETE SIDEWALK (TYP)

RELOCATE UTILITY POLE (BY OTHERS)

153°58"

DRAINAGE R.O.W.

TEMPORARILY SUPPORT ELECTRIC METER (BY OTHERS)

67°23"

CB-102
CONNECT PIPE TO EXISTING CB
STA 143+11.75 40.03' RT
TF = 551.76
CO-104 18" INV IN = 548.76
CO-103 15" INV IN = 544.59
CO-102 24" INV OUT = 544.59
CO-103 31' 15" RCP

CB-103
TYPE "C" CB DOUBLE GRATE TYPE "II"
STA 143+25.37 12.15' RT
TF = 548.44
CO-103 15" INV OUT = 545.19

SUBJECT TO AN EASEMENT FOR DRAINAGE IN FAVOR OF ESS VERNON PROPERTIES, LLC AND THE CONNECTICUT WATER COMPANY, V.816 P.166 V.L.R.

SUBJECT TO AN EASEMENTS FOR GAS DISTRIBUTION IN FAVOR OF YANKEE GAS SERVICES COMPANY (EVERSOURCE ENERGY), V.2397 P.14 V.L.R.

SUBJECT TO AN EASEMENT FOR DRAINAGE IN FAVOR OF THE CONNECTICUT WATER COMPANY, V.1099 P.20 V.L.R.

SEDIMENTATION CONTROL SYSTEM (TYP)

DEFINED EASEMENT FOR HIGHWAY PURPOSES

N/F THE CONNECTICUT WATER COMPANY (A)(B)(E)(H)(J)

SUBJECT TO AN EASEMENT FOR DRAINAGE IN FAVOR OF ESS VERNON PROPERTIES, LLC, V.1099 P.23 V.L.R.

N/F ESS VERNON PROPERTIES LLC (A)(E)(H)(J)(R)

CONC. DWY RAMP (TYP. UNLESS NOTED OTHERWISE)

BIT. CONC. DWY (TYP. UNLESS NOTED OTHERWISE)

CB-131
TYPE "C" CB TOP
STA 144+54.47 14.15' RT
TF = 543.46
CO-131 12" INV OUT = 538.90

CO-131 28' 12" DIP

CB-96
TYPE "C" CB TOP
STA 145+68.63 14.22' RT
TF = 542.42

N/F ESS VILLA APARTMENT PROPERTIES LLC (A)(E)(G)(J)(N)

SIDEWALK RAMP TYPE 1a
STA 146+11.28, 19.13'R

ALIGNMENT CURVE DATA

CURVE #	RADIUS	LENGTH	DELTA
C10	12000.00'	44.52'	0°12'45.25"
C11	1115.00'	129.75'	6°40'02.70"
C12	20000.00'	70.24'	0°12'04.44"
C13	300.00'	42.71'	8°09'25.60"
C18	150.00'	28.86'	11°01'19.20"
C19	800.00'	98.35'	7°02'37.38"

FOR INFORMATION ONLY

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Plotted: NOV. 12, 2015

DESIGNER/DRAFTER: AD
CHECKED BY: ME
SCALE IN FEET 0 40 80
SCALE 1"=40'

CARDINAL ENGINEERING ASSOCIATES
3 Colony Street | Meriden, CT 06451 | 203-238-1969
Filename: P:\Civil3dProj2009\VernonSouthSt\Prodwg\VFG - SouthSt(1)(1).dwg

SIGNATURE/ BLOCK: - -

PROJECT TITLE: RECONSTRUCTION OF SOUTH STREET

TOWN: VERNON

DRAWING TITLE: PLAN

PROJECT NO. 146-195
DRAWING NO. PLN-4
SHEET NO. 03 14

P:\Civil 3d Projects 2014\Vernon South St\6k\Production Drawings\VFG - SouthSt(1) - (1).dwg, PLN - (4), 11/12/2015 4:53:22 PM, DWG To PDF.pc3, ANSI expand D (22.00 x 34.00 Inches)