EJF 4/15/04. CROSSING REDESIGNED TO CROSS HOLMES RD.

DATUM ELEV = 170.00

NEW CURB
CURB
0.020 0.042 0.021 0.021 0.026 0.020
GRADE ELEV. 176.52
EXIST. 6" X TRU GAS
EXIST'G. SAN. MANHOLE # 1-4
EXIST'G TELE CABLES
NEW 6" X TRU GAS
TIE INTO EXISTING SERVICE TO #1325
REFER TO DRAWING PL8
VERIFY DEPTH AND LOCATION
CURB STOP BOTH SIDES
EXIST'G. 18" R.C.P.
EXIST'G 8" WATER
167.45
8" V.C.
8" V.C.
169.13
EXIST'G. 18" STORM PIPE
EXIST'G. SAN. MANHOLE #49
EXIST'G. STORM PIPE
NEW 12" D.I.C.L. CLASS 51 WATER MAIN
STA. 424+89
NEW 1" SERVICE CROSSING IN 4" PVC SLEEVE

DATUM ELEV = 165.00

STA. 405+82.5--428+86 RT
EXIST. 6" X TRU GAS TO BE RETIRED IN PLACE
+00 28" ASPEN 0.021
CURB
GRADE ELEV. 172.53
EXIST. 6" X TRU GAS
1-4 0.020 0.021 0.021 0.042 0.020 0.020
NEW 6" X TRU GAS
EXIST'G TELE CABLES
167.0±
16
162.8
163.77
EXIST'G. 18" R.C.P.
EXIST'G 8" WATER
164.74
162.7
NEW 12" D.I.C.L. CLASS 51 WATER MAIN
164.4±
TIE INTO EXISTING 8" MAIN
8" INTERCONNECTION
REFER TO DRAWING PL8
VERIFY DEPTH AND LOCATION
USE BENDS AS REQUIRED
EXIST'G. 12" SAN.
EXIST'G. STORM PIPE
STA. 423+31
NEW 12" D.I. MAIN LINE CROSSING IN 20" STEEL SLEEVE (JACK AND BORE) @ STA. 423+31±
STA. 416+00--428+90 55'LT
INST. NEW 6" X TRU GAS HOLMES RD.

DATUM ELEV = 160.00

EXIST. 2" DRISCO GAS
NEW 6" X TRU GAS
EXIST'G TELE CABLES
-2%
0.020 0.042 0.021 0.021
E.R.
GRADE ELEV. 166.90
EXIST. 6" X TRU GAS
CURB
JUGHANDLE H STA. 410+99
SAVE
+11 20" ASPEN
+09 12" PINE
159.65
EXIST'G. 18" R.C.P.
EXIST'G 8" WATER
158.30
i=159.7±
UNDER DRAIN OFF JUGHANDLE
TIE INTO EXISTING SERVICE TO #1355
REFER TO DRAWING PL7
VERIFY DEPTH AND LOCATION
EXIST'G. 12" SAN.
EXIST'G. STORM PIPE
NEW 12" D.I.C.L. CLASS 51 WATER MAIN
STA. 421+08
NEW 1 1/2" SERVICE CROSSING IN 4" PVC SLEEVE
STA. 405+82.5--428+86 RT
EXIST. 6" X TRU GAS TO BE RETIRED IN PLACE

DATUM ELEV = 150.00

STA. 418+42.5--419+56 LT
EXIST. 2" DRISCO GAS TO BE RETIRED IN PLACE
GRADE ELEV. 160.71
1-4 0.020 0.042 0.021 CURB 0.021 E.R. 0.042 0.020 -2%
NEW 6" X TRU GAS
EXIST'G TELE CABLES
EXIST'G. 24" P.V.C.
TIE INTO EXISTING SERVICES TO #1475 AND #1459
REFER TO DRAWING PL7
VERIFY DEPTH AND LOCATION
TWO NEW CURB STOPS
153.34
EXIST'G. 18" R.C.P.
EXIST'G 8" WATER
153.30
i=153.3±
NEW 12" D.I.C.L. CLASS 51 WATER MAIN
EXIST'G. 12" SAN.
STA. 418+55
NEW 8" DICL IN 16" STEEL SLEEVE (JACK AND BORE) @ STA. 418+55 +/-
STA. 416+00--428+90 55'LT
INST. NEW 6" X TRU GAS

DATUM ELEV = 145.00

EXIST'G TELE CABLES
CURB
GRADE ELEV. 153.19
EXIST. 6" X TRU GAS
NEW 6" X TRU GAS
EXIST. PAV'T.
1-2 0.020 0.021 0.021 0.042 0.020 1-3 1-2
EXIST'G. 18" R.C.P.
149.30
145.81
EXIST'G 8" WATER
144.84
i=146.5±
144.88
144.00
143.8 - design
NEW 12" D.I.C.L. CLASS 51 WATER MAIN
TIE INTO EXISTING 8" MAIN
8" INTERCONNECTION
REFER TO DRAWING PL6
VERIFY DEPTH AND LOCATION
USE BENDS AS REQUIRED
EXIST'G. 12" SAN.
STA. 411+53
NEW 8" D.I. MAIN LINE CROSSING IN 16" STEEL SLEEVE (JACK AND BORE) @ STA. 411+53±
SCALE 0 10 20 FT.
20 FT.
10
145.0
0

130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120

STATE OF VERMONT
RICHARD ALAN PRATT
NO. 6617
REGISTERED
PROFESSIONAL ENGINEER

CHAMPLAIN WATER DISTRICT
403 QUEEN CITY PARK ROAD
SOUTH BURLINGTON, VT 05403

CONTRACT #63
WATER MAIN RELOCATION
U.S. ROUTE 7, "SHELBURNE RD"
SOUTH BURLINGTON, VERMONT
ROAD CROSSINGS
4, 5, 6, 7, & 8 OF 8

DESIGNED BY: RAP	DATE: APRIL, 2002
DRAWN BY: EJP	SCALE: AS SHOWN
CHECKED BY: RAP	DRAWING No.
APPROVED BY: RAP	CR2
FILE NAME: 2000_CROSS2	SHEET 16 OF 18