

20" ELM

BIRD

LYMAN

WAINER

YOUNG

CUMMINGS

EMMONS

FORTIN

EMMONS

FENCE

SHED

SHED

SHED

SHED

SHED

BARN

STAKE ON #1

2 Easements Granted
FORTIN to Town by Delida
Fortin 1968

FORTIN

IRON PIN

335

332

330

328

S 38°-15'E 196'

125'

8" BLDG. SEWER

FENCE

8" SEWER

S 1°-15'W

315'

85' ±
N 10°-15'E

IRON PIN
MH-W10

SEWER S 1°-15'W 205'

MH-W9

APP



UTILITIES NOTES

SEWER
THERE IS AN EXISTING 8" SEWER MAIN LOCATED AT THE SITE WHICH FLOWS IN A NORTHERN DIRECTION (FROM S1 TO S4) ACROSS THE PROPERTY. THE EXISTING RESIDENCES LOCATED TO THE EAST OF THE PROPERTY ARE CONNECTED TO THIS LINE IN EXISTING CONDITIONS. AN 8" LINE IS PROPOSED TO RUN ALONG THE EASTERN PROPERTY LINE THEN JOG WEST AND THEN INTO THE EXISTING SEWER MAIN AT PROPOSED STRUCTURE S5. THE CONNECTIONS TO THE EXISTING OFF-SITE HOUSES ARE TO BE CUT AND CONNECTED TO THIS PROPOSED LINE ON THE EASTERN EDGE OF THE PROPERTY. THERE ARE TWO PROPOSED MANHOLES (S5 AND S6) WHICH WILL DISCHARGE THE EXISTING LINE TO CONNECT THE PROPOSED SEWER LINES INTO THE EXISTING LINE. THERE ARE ALSO FIVE PROPOSED MANHOLES (S6, S7, S8, S10 AND S11) WHICH ARE LOCATED ON THE PROPOSED SEWER LINE. DETAILS OF THE PROPOSED BUILDINGS WILL BE INTO EITHER THE PROPOSED OR EXISTING SEWER LINE. REFER TO DETAILS ON SHEET C3.1.

WATER
THERE ARE EXISTING 6" WATER MAINS LOCATED ON THE SOUTHERN EDGE OF CHARLOTTE-HINESBURG ROAD AND THE WESTERN EDGE OF ROUTE 116. AN 8" LINE IS PROPOSED TO RUN ALONG THE PROPOSED ACCESS ROAD FROM CHARLOTTE-HINESBURG RD AND LOOP BACK UP TO RTE 116. EACH OF THE PROPOSED BUILDINGS WILL BE CONNECTED TO THIS PROPOSED 8" LINE VIA A 3/4" SERVICE CONNECTION WITH THE EXCEPTION OF THE COMMON BARN WHICH WILL HAVE A 1" SERVICE CONNECTION AND THE 1 BUILDING WHICH WILL HAVE A 6" SERVICE CONNECTION. REFER TO DETAILS ON SHEET C3.2.

GENERAL NOTES

1. REFER TO DETAIL SHEETS FOR ADDITIONAL DATA PERTAINING TO UTILITY AND SITE CONSTRUCTION INFORMATION.
2. THE SITE SHALL BE TESTED FOR THE PRESENCE OF VOC'S PRIOR TO INSTALLATION OF THE PROPOSED WATER LINE. APPROPRIATE MEASURES SHALL BE TAKEN IF UNACCEPTABLE AMOUNTS OF VOC'S ARE FOUND.

PROPOSED SURFACES

- DRIVE AREA
- CONCRETE/PAVER "PEDESTRIAN SIDEWALK"
- BUILDINGS
- OVERHEAD "PEDESTRIAN PATHS AND BRIDGES"
- RETAINING WALL

PROPOSED UTILITIES

- S SEWER
- W WATER

BASIS OF DESIGN FOR WATER AND SEWER

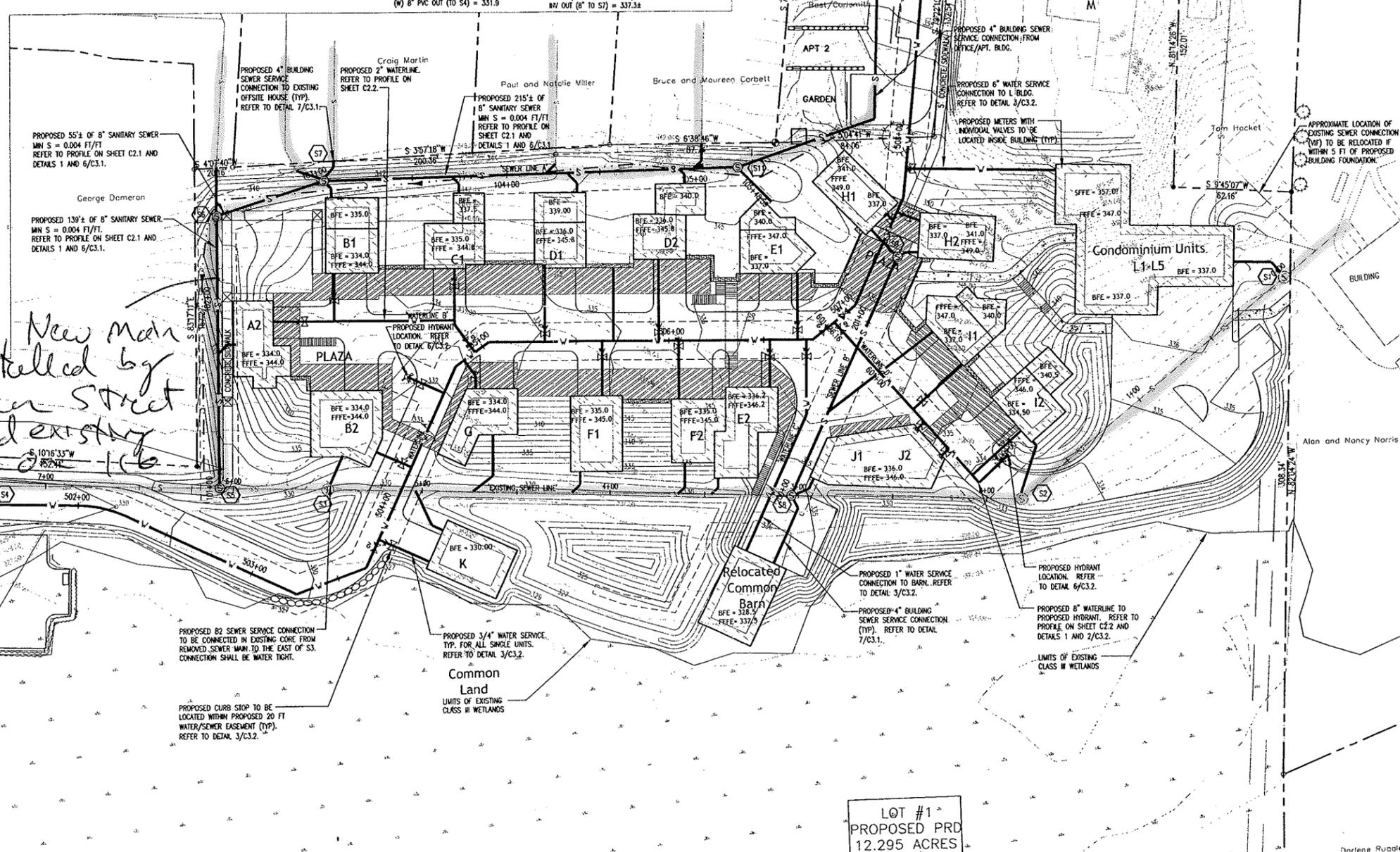
1. 25 SINGLE FAMILY RESIDENTIAL UNITS X 210 GPD/SFR UNIT = 5,250 GPD
2. 2 OFFICES X 2,400 SF/OFFICE X 1 WORKER/100 SF X 15 GPD/WORKER = 576 GPD
- TOTAL: 5,826 GPD

SEWER CONNECTION INVERTS

BUILDING #	INV. OUT	SERVICE LINE INV. AT 8" MANHOLE-CONNECTION MANHOLE
A1	328.0	326.04 (MANH)
A2	328.0	326.62 (MANH)
B1	333.0	332.54 (S7)
B2	328.0	325.74 (S3)
C1	336.0	335.36 (MANH)
C2	335.0	334.78 (MANH)
D1	328.5	326.72 (MANH)
D2	337.5	336.94 (MANH)
E1	338.0	339.64 (S10)
E2	328.0	327.14 (MANH)
F1	328.0	326.62 (MANH)
F2	328.5	326.62 (MANH)
G	330.0	328.22 (MANH)
H1	328.5	328.54 (S9)
H2	329.0	328.54 (S9)
I1	328.7	327.72 (MANH)
I2	331.0	328.14 (S2)
J1/J2	330.5	329.04 (S8)
K	326.2	326.04 (MANH)
L1-L5	334.0	330.82 (S1)
M	326.5	324.22 (MANH)
N	326.5	324.22 (S8)
COMMON BARN	329.5	327.32 (S8)
BAST/CARLISLE RES.	TO REMAIN AS IS	VF
CORBETT RESIDENCE	TO REMAIN AS IS	VF
MILLER RESIDENCE	TO REMAIN AS IS	VF
RODRIGUEZ RESIDENCE	TO REMAIN AS IS	VF

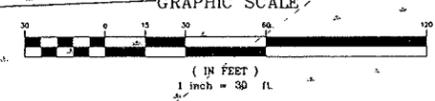
SANITARY SEWER SCHEDULE

- REFER TO DETAILS ON SHEET C3.1.
- S1 EX. S4
RM = 339.11
(NE) 6" PVC IN (FROM L BLDG) = 330.84
(S) 4" PVC IN (FROM S2) = 328.04
(W) 6" PVC OUT (TO S2) = 328.04
 - S2 EX. S4
RM = 332.84
(S) 4" PVC IN (FROM I2) = 328.14
(W) 6" PVC OUT (TO S3) = 327.84
 - S3 EX. S4
RM = 330.44
(S) 4" PVC IN (FROM S8) = 329.44
(SE) 4" PVC IN (FROM B2) = EX. INV. FROM EX. CONNECTING LINE
(W) 6" PVC OUT (TO S3) = 328.44
 - S4 EX. S4
RM = 329.54
(S) 4" PVC IN (FROM S6) = 324.54
(W) 6" PVC OUT (TO S7) = 324.54
 - S5 NEW DOORHOUSE 4" ID S4H
RM = 331.84
(S) 4" PVC IN (FROM S3) = 325.84
(E) 6" PVC IN (FROM S6) = 325.03
(W) 6" PVC OUT (TO S7) = 325.84
 - S6 NEW 4" ID S4H
RM = 339.04
(S) 6" PVC IN (FROM S7) = 332.0
(E) 4" PVC IN (FROM EX. HOUSE) = VF
(W) 6" PVC OUT (TO S4) = 331.9
 - S7 NEW 4" ID S4H
RM = 340.54
(W) 4" PVC IN (FROM B1) = 332.54
(S) 6" PVC IN (FROM S11) = 332.54
(W) 6" PVC OUT (TO S6) = 332.44
 - S8 NEW DOORHOUSE 4" ID S4H
RM = 335.04
(S) 6" PVC IN (FROM S9) = 327.04
(SW) 4" PVC IN (FROM COMMON BARN) = 327.34
(W) 6" PVC OUT (TO S3) = 327.34
 - S9 NEW 4" ID S4H
RM = 336.94
(NE) 4" PVC IN (FROM H1) = 328.64
(SE) 4" PVC IN (FROM H2) = 328.54
(NW) 6" PVC OUT (TO S8) = 328.04
 - S10 NEW 4" ID S4H
RM = 344.34
(W) 4" PVC IN (FROM E1) = 337.64
(SE) 4" PVC IN (FROM EX. OFFICE) = 337.64
(W) 6" PVC OUT (TO S6) = 337.34
 - S11 NEW 4" DN MANHOLE
RM = 344.34
INV IN (4" FROM E1) = 337.64
INV IN (4" FROM EX. OFFICE) = 337.64
INV OUT (6" TO S7) = 337.34



LOT #3
PROPOSED
COMMERCIAL LOT
1.005 ACRES

LOT #1
PROPOSED PRD
12.295 ACRES



REVISED PLAN
JULY 30, 2009

Stamp 8/7/09

DATE	DESCRIPTION
10/7/09	REVISED ENTRANCE GRADING
6/1/10	REVISED LAYOUT

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Client: BAST & ROOD ARCHITECTS

Sheet Title: SITE WATER AND SEWER PLAN
Project Title: GREEN STREET PROJECT HINESBURG VILLAGE Hinesburg, Vermont

Designed By: ST
Checked By: PB
Drawn By: WC/ST
Scale: AS NOTED
Date: JULY, 2009

C1.3
PROJECT #09380