

Notes from Meeting with Kendal Chamberlin on 8-2-2019

Attendees

Kendal Chamberlin

Don Morin

Items discussed:

1. First of all, I want to make expressly clear... I will ask a lot of questions, just to become more knowledgeable. Some may feel a little peculiar or invasive, but they are not meant to be.
2. Secondly, I truly believe everyone on the board and department is looking to do the best thing for Richmond. I may differ on the approach, or end product, but I am trying to do the same thing. For example: the plugs not installed on the hydrants per the Water Department request. For some reason, those plugs were not installed. The town will need to pay a contractor to dig the hydrants up and install the plugs. The engineer was paid in full, the contractor was paid in full, but the town will need to pay for this error which apparently is not ours.. Errors happen, but we need to learn from them. We need to work **on improving the system**.
3. Stone Corral /Long trail/ Hillview Design complex
 - a. 5 water meters + internal owner controlled meter
 - i. Stone Corral, Mann & Machine, Hill view Design, Long trail, Organic.
 - ii. No sketch showing ties to water shut off and or sewer connections
 - iii. No sketches showing meter locations
 - b. Stone Corral is billed for all their water, but for sewer, total water less amount used for brewery.
4. Bender Block
 - a. 5 meters... Sunshine, Hatchett, Hairdressing, Masonic and one other(maybe Justin Bull or Café)?
 - b. Kendal suggested I talk to Connie about how many units are bills and how many units.
 - c. A sketch of water services is attached.
 - i. X-hatches indicate abandoned.
 - ii. The old garage still shows, Harves Automotive. The garage has been replaced by Cumberland's over 30 years ago.
5. In general, the sewer and water system are 35-40 % at capacity in regards to flow. So, approximately 60% unused. But because Kendal is treating and accepting a lot of outside septage, the sewer plant in terms of BOD loading is at capacity in terms of permit.
6. Septage: Kendal feels that the town is receiving a lot of septage because the Water/sewer department is making it more convenient and easier for the haulers... Kendal feels it is a business and he runs it like a business.
7. Other facts:
 - a. Plant is a tertiary plant
 - b. Last Upgrade 2005
 - c. Cost of Last Upgrade \$4 million, of which 90% was funded.
 - d. The Major overall cost were spent on phosphorus removal..... Richmond is the only community in Chittenden county that has this. Presently, the plant produces an effluent that is .2 vs 15-45. The state of Vt has said it will require other communities to get

phosphorus removal, but that requirement keeps being delayed by the State of Vt for various reasons.

- e. The biggest issue pending water/sewer is the possibility of PFOA contamination in the water system. The state is in the process of studying this and is in the process of determining the required testing for every community. We may and or may not have a problem.
 - f. Dryer: Kendal is the process of evaluating whether a dryer is cost effective. It is a stand along piece of equipment that could easily be put in one of the bays in the plant.
8. Records:
- a. Aron has been in the process of updating and putting on water/sewer records on digital for the last 6 months or so. Kendal estimated that he is 10% complete at this point.
9. Green mountain Engineering:
- a. Don would like to invite Green Mountain Engineering to a meeting to meet them and their take a bunch of stuff:
 - i. What they see and recommend for Richmond in the future.
 - ii. Digital records , papered
 - iii.
10. Management issues:
- a. We as a department and town have trained a lot of personal in the water/sewer field that have moved on to other communities.
 - b. We are a town seemed to run the Town tight money wise for the present and really don't plan and spend for the future. If someone brings a plan to the board and says it will save in the future, we tend to go for it. If the pal means spending money now and the savings can not be identified, then the plan is most likely rejected.
 - c. Per comment from talking to Josh and Per Kendal himself, taking time off is hard because there is not a person on the staff that can take over. Losing Trudy was a big lost to the department.
11. The writer thanks Kendal for his time and his willingness to share info.

Don Morin

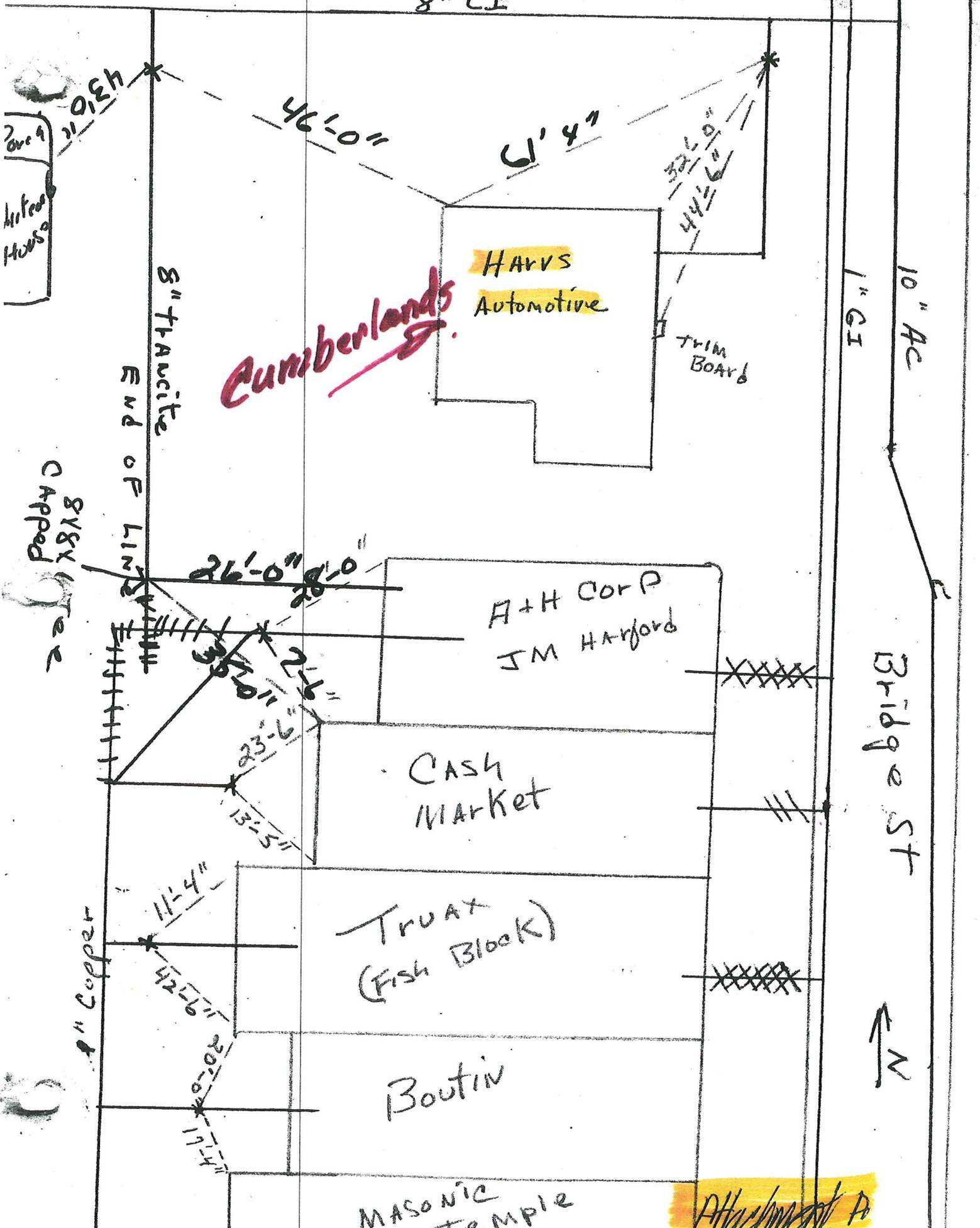
The above notes represent the writer's interpretation of what was discussed and agreed at this meeting. If any attendees have any comments or differences, these should be brought to the attention of the writer in writing on or before 7 days of receipt of these meetings

CC; Kendal Chamberlin
Water/Sewer fellow Commissioners
Josh Arneson ..Town Manager

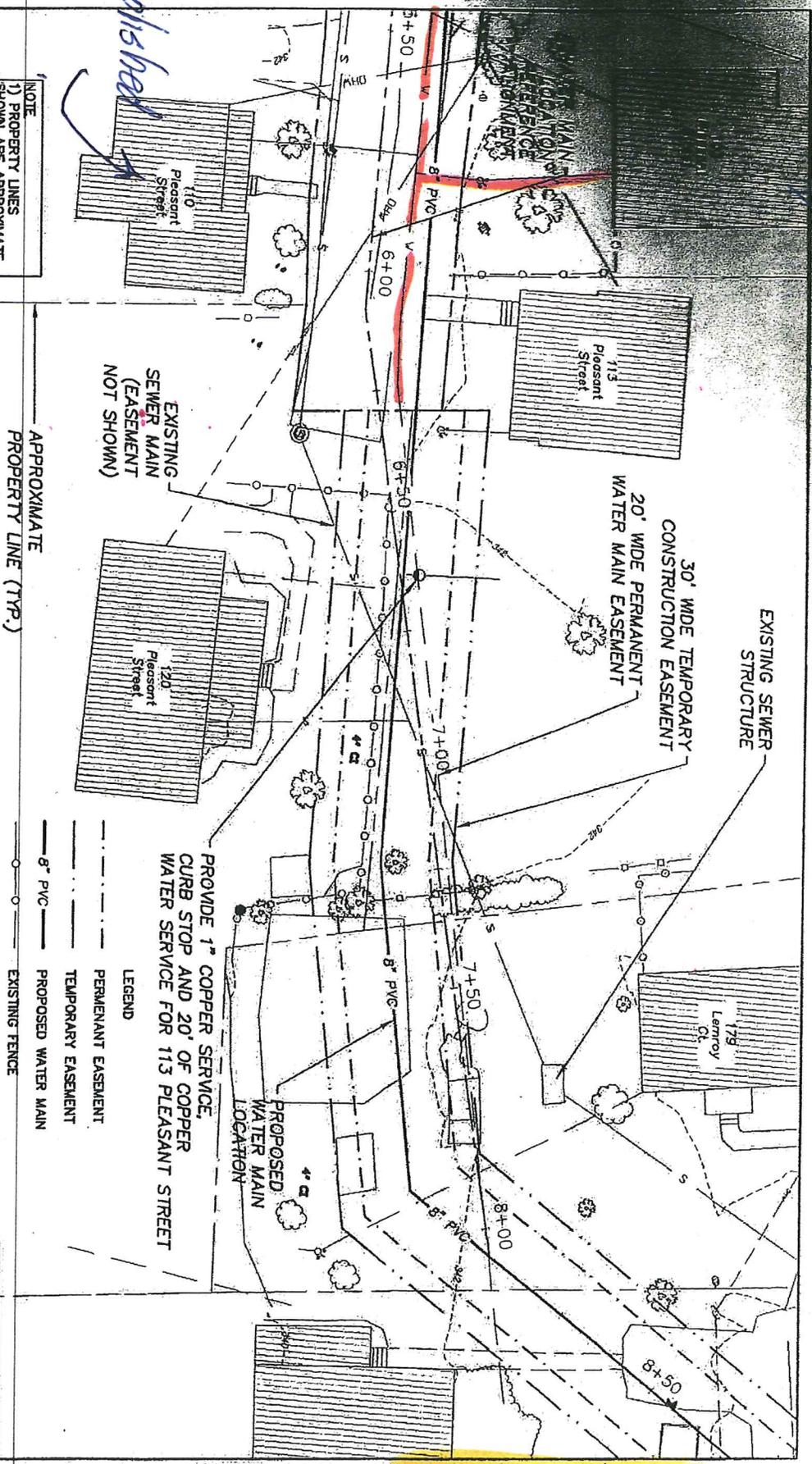
Attachment: Bridge street Water Connection sketch A
Pleasant Street Easement ... for 113 Please Street Attachment B
" " " Sewer Laterals Attachment C

US # 2

8" CI



Jason/Kasahara
Water



NOTE
1) PROPERTY LINES SHOWN ARE APPROXIMATE. THIS IS NOT A BOUNDARY SURVEY

SITE PLAN
SCALE: 1" = 30'

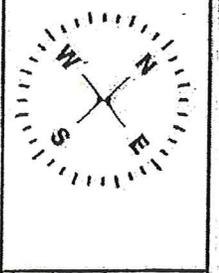
- LEGEND
- PERMANENT EASEMENT
 - - - TEMPORARY EASEMENT
 - 8" PVC — PROPOSED WATER MAIN
 - EXISTING TREE OR SHRUB
 - - - APPROXIMATE PROPERTY LINE

REVISED: 11/22/2016
ADJUSTED WATER SHUT OFF LOCATION, ADDED NOTE, BMW

CIVIL WATER WASTEWATER

GREEN MOUNTAIN ENGINEERING

1439 SOUTH BROWNELL ROAD
WILLISTON, VERMONT 05495
PHONE: (802) 882-5590
FAX: (802) 882-7598



DRAWING TITLE		PROJECT NO.	
179 LEMROY COURT, 113 & 120 PLEASANT STREET WATER LINE & EASEMENT LOCATION MAP		19-002 (6)	
PROJECT		FIGURE NO.	
PLEASANT STREET & LEMROY COURT WATER SYSTEM IMPROVEMENT PROJECT		1	
CLIENT		DATE	
TOWN OF RICHMOND, VERMONT		NOV 2016	
DESIGNED	DATE	CHECKED	DATE
BMW	11/22/16	ALB	11/22/16
SCALE	1" = 30'		

Attachment B

JASON & ROSALYN

LOUIS & B. ROY

DAVID E. & PAULINE C. KNAPP

DAVID E. & PAULINE C. KNAPP

GAR.
1 1/2 SWF
SILL 344.29

2 SWF
SILL 344.49

6" CHY.

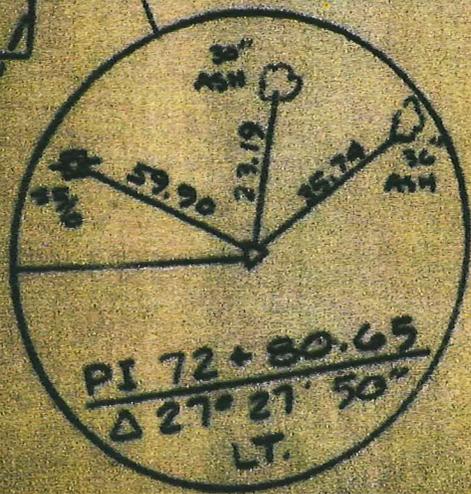
SEWER

40" WIL. 36" ASH

2 SWF
SILL 345.57

1 SWF
SILL 343.41

JAMES A. & ISABELLE W. MACK



MH# 47
STA. 21+95

MH# 47A
STA 23+50

Attachment C