

## Jennifer Sweat

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**From:** Paul Berg <paul@bergeng.net>  
**Sent:** Friday, April 15, 2022 10:58 AM  
**To:** Jennifer Sweat  
**Cc:** Michael Henke  
**Subject:** The Village Phases 1 and 2 - Final Approval from Water Board  
**Attachments:** 08\_PHASE 1&2 SITE PLAN-8.pdf; 09\_PLAT PHASE 1.pdf; 10\_PLAT PHASE 2.pdf; The Village - Letter to Water Board\_11-24-2021.pdf

Jennifer

During previous Water Board approvals for The Village we committed to meeting with the water board again at final approval. Will you please place The Village Phases 1 and 2 on the May agenda for approval of Phases 1 and 2.

Attached is the site plan and plats for Phases 1 and 2. I have also attached the water use documents that were approved with the master plan. No new water information is available for the commercial buildings.

Paul Berg  
Berg Engineering









**ENGINEERING**

civil engineering • land planning

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November 24, 2021

Mayor Johnson  
Midway Water Board  
75 North 100 West  
Midway, Utah 84049

Re: The Village Revised Master Plan  
Water Right Calculations

Dear Mayor:

Enclosed are revised water right calculations for The Village. The revised calculations are based on the revised master plan, the new project phasing plan and comments received at the Midway Water Board meeting held on November 1, 2021. Water Board comments have been addressed as follows:

- The number of toilets in the retail area has been increased from 2 to 4 to address comments from the City Engineer. Please note that the architect's building code analysis determined that only 2 toilets are needed.
- The pool and gym capacity has increased from 176 to 196 people based on the latest plans from the architect. Both the pool and gym are at maximum capacity per the architect's capacity analysis.
- The enclosed calculations show three methods to calculate the restaurant capacity. The original 173 seat capacity is shown per the developers proposed level of service for each restaurant. A 299 seat restaurant capacity is also provided based on the maximum occupancy analysis completed by West Coast Code Consultants, Inc. (WC3). A 243 seat restaurant capacity is also shown per the architectural analysis for the restaurants. It should be noted that the difference between the 173 seat option and the 299 seat option is only 2.50 acre-feet.

We request that this information be provided to the Water Board for the meeting to be held on November 29, 2021.

Respectfully,

  
Paul Berg, P.E.

[illegible]

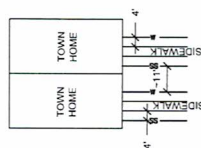
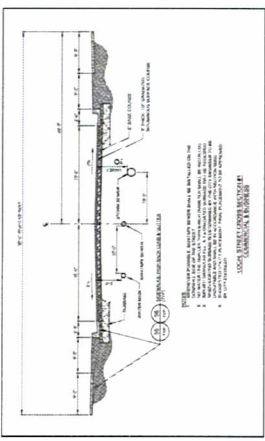




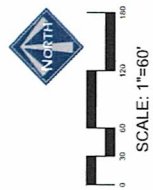
- LEGEND**
- EXISTING SUNKER
  - PROPOSED SUNKER
  - EXISTING WATER
  - PROPOSED WATER
  - EXISTING PRESSURIZED IRRIGATION
  - PROPOSED PRESSURIZED IRRIGATION
  - PROPOSED STORM DRAIN

**BLUE STAKE NOTE:**  
 EXISTING UTILITIES SHOWN ON  
 PLAN ARE APPROXIMATE AND MAY BE  
 INACCURATE. THE USER IS RESPONSIBLE  
 FOR BLUE STAKING OF UTILITIES.

**WATER NOTES:**  
 • ALL WATER IMPROVEMENTS SHALL MEET MIDWAY CITY  
 STANDARDS AND SPECIFICATIONS AS ADOPTED IN JULY  
 • ALL WATER LINES ARE 8" UNLESS OTHERWISE NOTED.



THIS DOCUMENT IS RELEASED  
 UNDER THE PROVISIONS OF THE  
 INTERSTATE PUBLIC CONSTRUCTION  
 ACT, 49 U.S.C. § 1625. IT IS  
 HEREBY RELEASED TO THE PUBLIC  
 DATE: 1.01.2021



|                       |                 |
|-----------------------|-----------------|
| LUSTER<br>THE VILLAGE |                 |
| WATER PLAN            |                 |
|                       |                 |
| DESIGNED BY: FHB      | DATE: 1.01.2021 |
| DRAWN BY: RJL         | REV: 9          |



- LEGEND**
- EXISTING SEWER
  - - - PROPOSED SEWER
  - EXISTING WATER
  - - - PROPOSED WATER
  - EXISTING PRESSURIZED IRRIGATION
  - - - PROPOSED PRESSURIZED IRRIGATION
  - - - PROPOSED STORM DRAIN

**PRESSURIZED IRRIGATION NOTES:**

- 1. ALL PRESSURIZED IRRIGATION SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE IRRIGATION COMPANY STANDARDS AND SHALL BE APPROVED BY THE CITY ENGINEER.
- 2. THE IRRIGATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY ENGINEER'S STANDARDS AND SHALL BE APPROVED BY THE CITY ENGINEER.
- 3. THE IRRIGATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY ENGINEER'S STANDARDS AND SHALL BE APPROVED BY THE CITY ENGINEER.



**SCALE: 1"=60'**

0 30 60 120 180

**LISTER THE VILLAGE**

**PRESSURIZED IRRIGATION PLAN**



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DESIGNED BY: [Name]  
CHECKED BY: [Name]  
DATE: 11/01/2021

DATE: 11/01/2021

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