

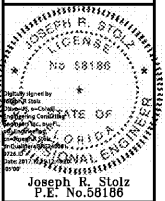
(N) FILTRATION WATER PLAN
SCALE: 1/4" = 1'-0"

WATER DEMAND (SHOWER AREA)									
ABBR.	FIXTURE	TYPE OF SUPPLY CONTROL	LOAD VALUES, IN WATER SUPPLY FIXTURE UNITS (wsfu)				Qty Each	Total All	
			Cold	Hot	Total	Total Cold			
WC	Water Closet	Flush Valve	10.0	—	10.0	100.0	10	100.0	
LAV	Lavatory	Faucet	1.5	1.5	2.0	16.5	11	22.0	
UR	Urinal	Flush Valve	5.0	—	5.0	20.0	4	20.0	
SH	Shower Valve	Mixing Valve	3.0	—	4.0	21.0	7	28.0	
EWC	Electric Water Cooler	3/8" valve	0.25	—	0.25	0.5	1	0.5	
MSB	Mop Service Basin	Faucet	—	—	—	3.0	3	4.0	
WH	Wall Hydrant	Faucet	—	—	—	3.0	1	3.0	
HB	Hose Bibb	Faucet	—	—	—	3.0	2	6.0	
Total Wsfu:						169.8	24	183.5	
Total Gpm:			86.2					Pipe Size = 2-1/2"Ø	

WATER DEMAND (FILTRATION AREA)									
ABBR.	FIXTURE	TYPE OF SUPPLY CONTROL	LOAD VALUES, IN WATER SUPPLY FIXTURE UNITS (wsfu)				Qty Each	Total All	
			Cold	Hot	Total	Total Cold			
WH	Wall Hydrant	Faucet	3.0	—	3.0	6.0	2	6.0	
HB	Hose Bibb	Faucet	3.0	—	3.0	6.0	2	6.0	
Total Wsfu:						12.0	—	12.0	
Total Gpm:			28.6					Pipe Size = 1-1/4"Ø	

- PLUMBING KEYED NOTES: ○
1. EXTEND AND CONNECT NEW COLD WATER PIPING TO SITE DOMESTIC WATER SYSTEM. COORDINATE WITH CIVIL DRAWINGS.
 2. PROVIDE SHUT-OFF VALVE ON RISER AT 5'-0" A.F.F.
 3. RUN PIPING IN SOFFIT/ABOVE CEILING.
 4. RUN PIPING BELOW SLAB.
 5. PROVIDE POINT OF USE THERMOSTATIC MIXING VALVE.

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Joseph R. Stolz

BUTLER PARK
AQUATIC CENTER
CITY OF NORTHPORT, FL

FILTRATION BUILDING
WATER PLAN

Scale: AS SHOWN
Designed by: LR
Drawn by: LR
Checked by: JS
Date: DECEMBER 2017
Project No. 48285014

SHEET
PF-1.0

This item has been electronically signed and sealed by Joseph R. Stolz, PE, On 12/15/2017 using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



Job Number: 84080

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