

**PUMP STATION SPECIFICATIONS:**

**NAME:** LAKE WOOD COUNTRY CLUB

**STATION MODEL:**

VTV-1-60X3/15V/5ST-460-3-1800-120

**STATION TOTAL PERFORMANCE:**

1800 GPM @ 120 PSI

**PUMP HORSEPOWER:**

SUSTAIN PUMP: 5HP

JOCKEY: 15HP

PUMP NO.2-4: 60HP

**CHECK VALVE SIZE**

SUSTAIN: 2"

JOCKEY: 4"

PUMP NO.2-4: 6"

**ISOLATION VALVE SIZES:**

SUSTAIN PUMP: 2"

JOCKEY: 3"

PUMP NO.2-4: 5"

DISCHARGE ISOLATION VALVE: 8"

RELIEF VALVE SIZE: 4"

PUMP STATION DISCONNECT: 400 AMP

**POWER REQUIREMENTS:**

460V, 60 HZ, 3 PZ, 265 FLA

**EXHAUST FAN REQ'D FOR BUILDING:**

3315 CFM

**WET WELL DIMS:** ..... Ø72"

**WET WELL DEPTH:** ..... TBD

**MAIN LINE CONNECTION:** .... 14" PE

**NOMINAL PIPE SIZE:** ..... N/A

**ACTUAL O.D.:** ..... N/A

**TYPE:**

**DROP PIPE COVER:** ..... N/A

**INTAKE FLUME SIZE:** ..... 24"

**INTAKE FLUME MATERIAL:** ..... SDR35

PLEASE VERIFY ALL INFO WITH  
YOUR INITIALS AND DATE

INITIAL DATE

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PLEASE INDICATE POWER SUPPLY CONDITION BELOW FOR  
FCC COMPLIANCE. REFER TO WATERTRONICS DRAWING #  
FCC-1 FOR ADDITIONAL INFORMATION

- ☐ A: CONNECTED THROUGH A COMMERCIAL BUILDING
- ☐ B: CONNECTED THROUGH A DEDICATED TRANSFORMER
- ☐ C: CONNECTED THROUGH A PAD TRANSFORMER SHARED  
WITH OTHER NON-RESIDENTIAL EQUIPMENT.
- ☐ D: CONNECTED TO A POLE TRANSFORMER ON A  
RESIDENTIAL POWER GRID.
- ☐ E: CONNECTED TO A PAD TRANSFORMER SHARED WITH  
RESIDENTIAL DWELLINGS.

PLEASE USE THE SPACE BELOW FOR ANY ADDITIONAL COMMENTS:

☐ APPROVED AS SUBMITTED

☐ APPROVED AS NOTED

☐ REVISE AND RESUBMIT

REVIEWED BY: \_\_\_\_\_

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

DIMENSIONS AND SIZES OF EXISTING STRUCTURES, AND/OR COMPONENTS  
MUST BE VERIFIED TO WATERTRONICS BEFORE STATION CONSTRUCTION  
BEGINS.

UNLESS SPECIFIED BY THE CUSTOMER, PUMP HOUSE/CONCRETE SLAB  
DIMENSIONS ARE RECOMMENDED MINIMUMS FOR NEC AND SERVICE  
CLEARANCE, AND ARE FOR ILLUSTRATION PURPOSES ONLY. PROJECT  
MANAGER SHALL BE CONSULTED ON FINAL DESIGN.

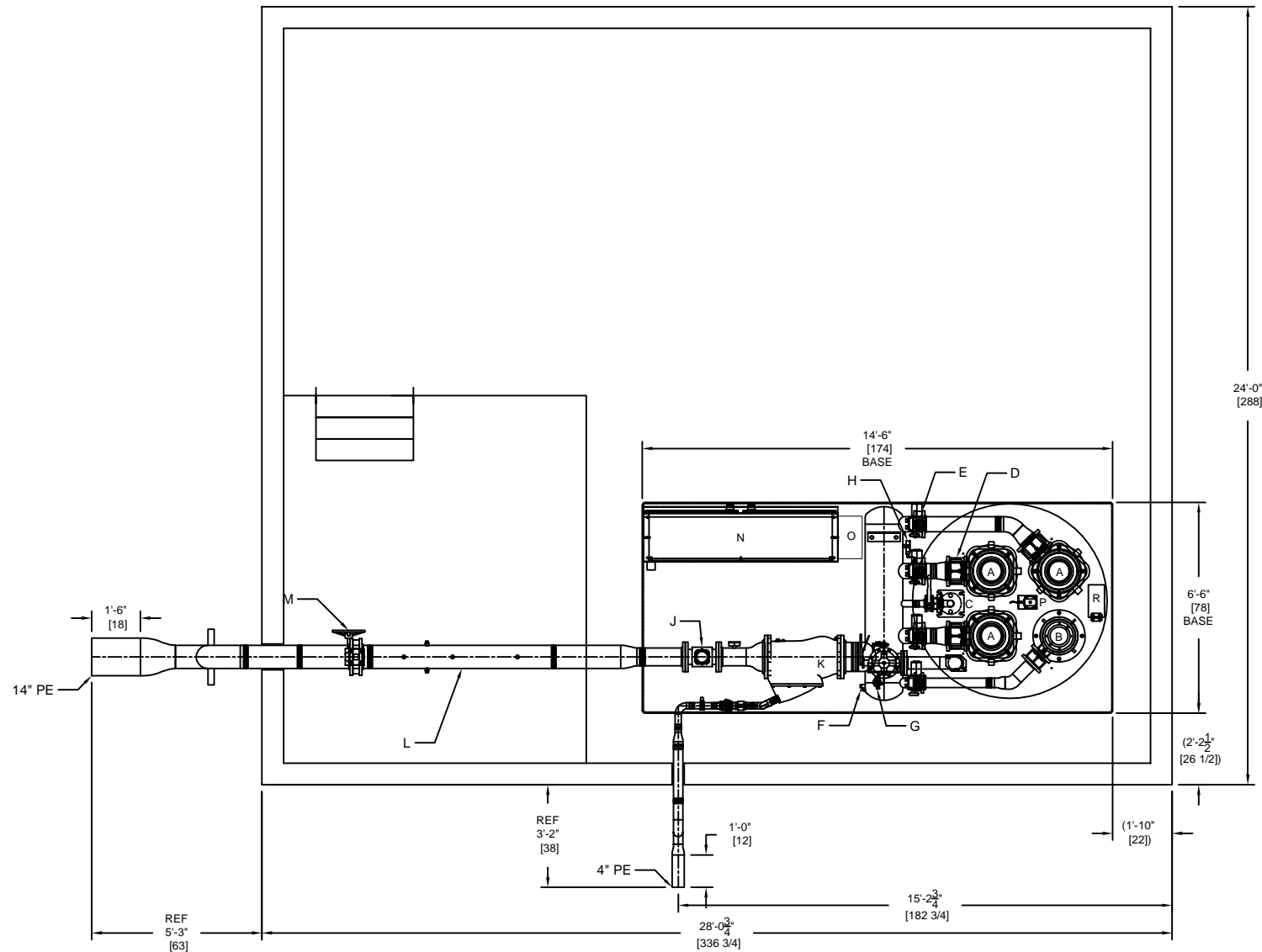
THE PUMP STATION PROPOSED HEREIN IS DESIGNED TO BE PLACED IN A  
PUMP HOUSE FOR PROTECTION FROM THE ENVIRONMENT. IF A PUMP HOUSE  
IS NOT USED, WATERTRONICS MUST BE NOTIFIED AT TIME OF QUOTATION  
SO SPECIAL PROVISIONS CAN BE MADE.



PHONE: 1-262-367-5000  
FAX: 1-262-367-5551

SHEET 1 OF 4 SHEETS

DRAWING NO. PRVT12562 8/31/2020



- STATION COMPONENTS:**
- A 75HP PUMP AND MOTOR
  - B 15HP JOCKEY PUMP (125 GPM @ 120 PSI)
  - C 5HP PRESSURE MAINTENANCE PUMP
  - D CHECK VALVE
  - E PUMP ISOLATION VALVE W/ ACTUATOR
  - F BOILER DRAIN
  - G PRESSURE RELIEF VALVE
  - H PRESSURE TRANSDUCER W/ GAUGE
  - I PAINTED STEEL BASE (GREEN)
  - J ELECTROMAGNETIC FLOW METER
  - K 10" WYE STRAINER W/ AUTO FLUSH
  - L STAINLESS STEEL SPOOL W/ 5-3/4" TOL
  - M STATION ISOLATION VALVE
  - N CONTROL CABINET
  - O HEAT EXCHANGER
  - P LEVEL SENSOR
  - Q SBS 36 INLET BOX SCREEN - SHIPPED EARLY
  - R WET WELL VIEWING HATCH

**CONCEPT DRAWING ADDITIONAL INFORMATION**

WET WELL DIAMETER: Ø72"  
WET WELL DEPTH: TBD  
DISCHARGE VALVE SIZE: 8"  
ESTIMATED DISCONNECT: 400 AMPS

CONCEPT DRAWING ONLY  
NOT TO BE USED FOR CONSTRUCTION

PLAN VIEW

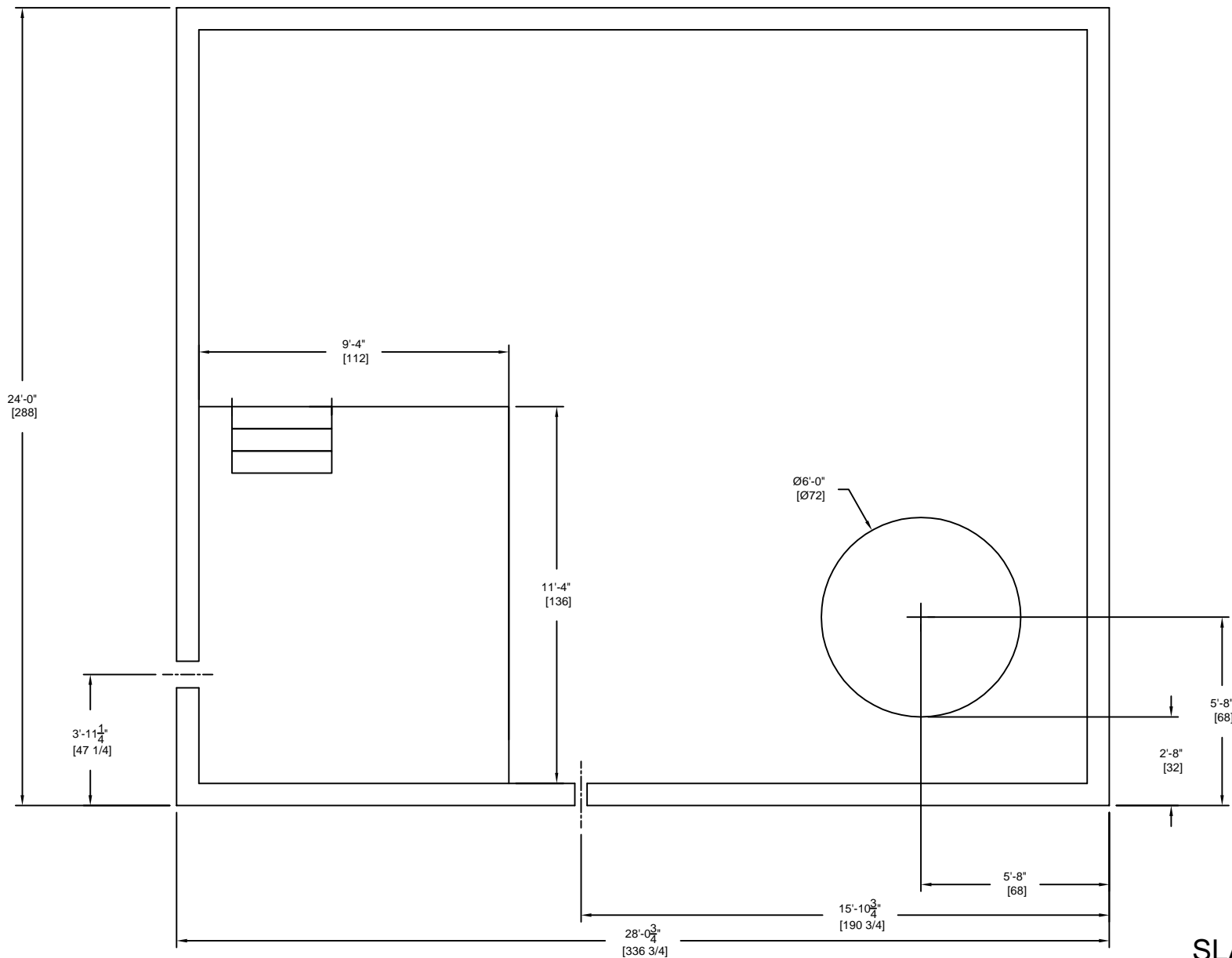
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7						DRAWN BY: CSB	DATE: 8/31/2020	TITLE:
6						CHECKED BY: ---	DATE: 00/00/00	LAKE WOOD COUNTRY CLUB
5						THIS DRAWING AND DESIGN, IS THE PROPERTY OF WATERTRONICS AND IS NOT TO BE REPRODUCED IN WHOLE OR PART, NOR EMPLOYED FOR ANY PURPOSE OTHER THAN SPECIFICALLY PERMITTED IN WRITING BY WATERTRONICS. THIS DRAWING LOANED AND SUBJECT TO RETURN ON DEMAND		
4								
3								
2								
1	11/6/2020	CSB	UPDATE PER CSO NOTES	---	---			
NO.	DATE	BY	DESCRIPTION	CHK DATE	CHK BY			




SCALE: NTS SHEET 2 OF 4 SHEETS  
JOB NO.: --- DRAWING NO. PRVT12562





SLAB VIEW

7						DRAWN BY: CSB	DATE: 8/31/2020	TITLE:  LAKE WOOD COUNTRY CLUB VTV-1-60X3/15V/5ST-460-3-1800-120	
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1	11/6/2020	CSB	UPDATE PER CSO NOTES	---	---				
NO.	DATE	BY	DESCRIPTION	CHK DATE	CHK BY			SCALE: NTS	SHEET 4 OF 4 SHEETS
								JOB NO.: ---	DRAWING NO. PRVT12562