INDIVIDUAL

NO SCALE

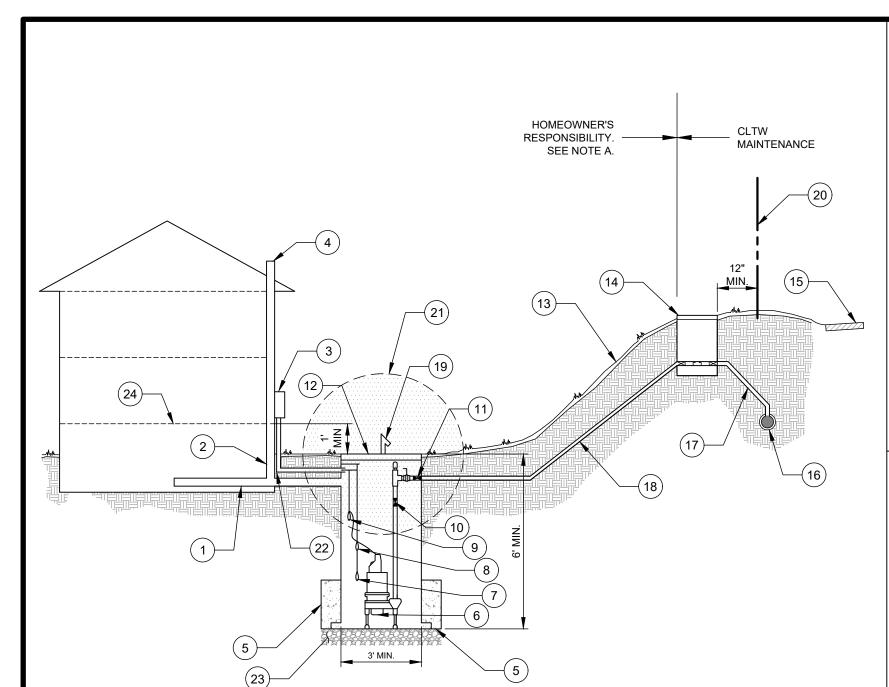
VERSION

1.0

DATE

04/2024 DETAIL

12.7



NO. DESCRIPTION:

- BUILDING DRAIN.
- VENT
- CONTROL BOX WITH VISUAL AND AUDIBLE HIGH LEVEL ALARMS.
- MAIN VENT STACK.
- CONCRETE BALLAST PER STATE MINIMUM. ADEQUATE
 BALLAST IS REQUIRED TO INSURE PROPER ANCHORING OF
 THE WET WELL.
- NON-POSITIVE DISPLACEMENT GRINDER PUMP. MINIMUM 2 HP PUMP, CONFIRM WITH CLTW ENGINEER PRIOR TO PURCHASE.
- OFF SWITCH FLOAT.
- ON SWITCH FLOAT.
- HIGH LEVEL ALARM FLOAT.
- 10. CHECK VALVE. PREVENTS CLOGS.
- . TRUE UNION BALL VALVE.
- 12. PUMP BASIN WITH SOLID, WATERTIGHT, BOLTED-DOWN COVER. ALSO SEE NOTE B.
- 13. FINISHED GRADE (VARIES).
- SERVICE BOX.
- 15. PUBLIC ROAD.
- 16. PRESSURE SEWER STREET MAIN.
- 17. 1-1/2" SERVICE LINE.
- 18. 1-1/4" OR 1-1/2" INDIVIDUAL PUMP LINE.
- 19. VENT WITH S.S. INSECT SCREEN.
- 20. ROAD R/W.
- 3' RADIUS EXPLOSION PROOF ZONE AROUND VENT PER NFPA 820.
- 22. NFPA 820 CONNECTION AND FIRE BLOCK.
- 23. 6" MIN. COMPACTED SUBBASE.
- 24. FINISHED FLOOR ELEVATION.

NOTES:

- A. RESPONSIBILITY IS DELEGATED BY CLTW TO HOMEOWNER, HOA, OR UTILITY OWNER.
- B. CONFIGURATION MAY VARY SLIGHTLY DEPENDING ON PRIVATE PLUMBING CONTRACTOR AS PUMP BASIN TO BE PLACED ON PROPERTY AT LOCATION DETERMINED BY PLUMBER.
- C. TOP OF WET WELL SHALL BE INSTALLED A MINIMUM OF TWO (2) FEET ABOVE THE 100-YEAR FLOOD ELEVATION.
- D. RIM ELEVATION OF WET WELL SHALL BE A MINIMUM OF 1' BELOW FINISHED FLOOR ELEVATION.
- E. CONTROL PANEL SHALL BE LABELED WITH PLACARD OR STICKER WITH 24-HOUR EMERGENCY CONTACT NAME AND TELEPHONE NUMBER.
- F. CONTROL BOX: WHICH PROVIDES THE PUMP POWER, THERMAL CIRCUIT BREAKER, AUDIBLE & VISUAL HIGH WATER ALARMS, SYSTEM STATUS AND COMPUTER PORT FOR ALTERING LEVEL SETTINGS.
- CLTW TO USE DISCRETION IN DETERMINING WHEN AND WHERE MODIFICATIONS TO THIS DETAIL ARE SUITABLE.