

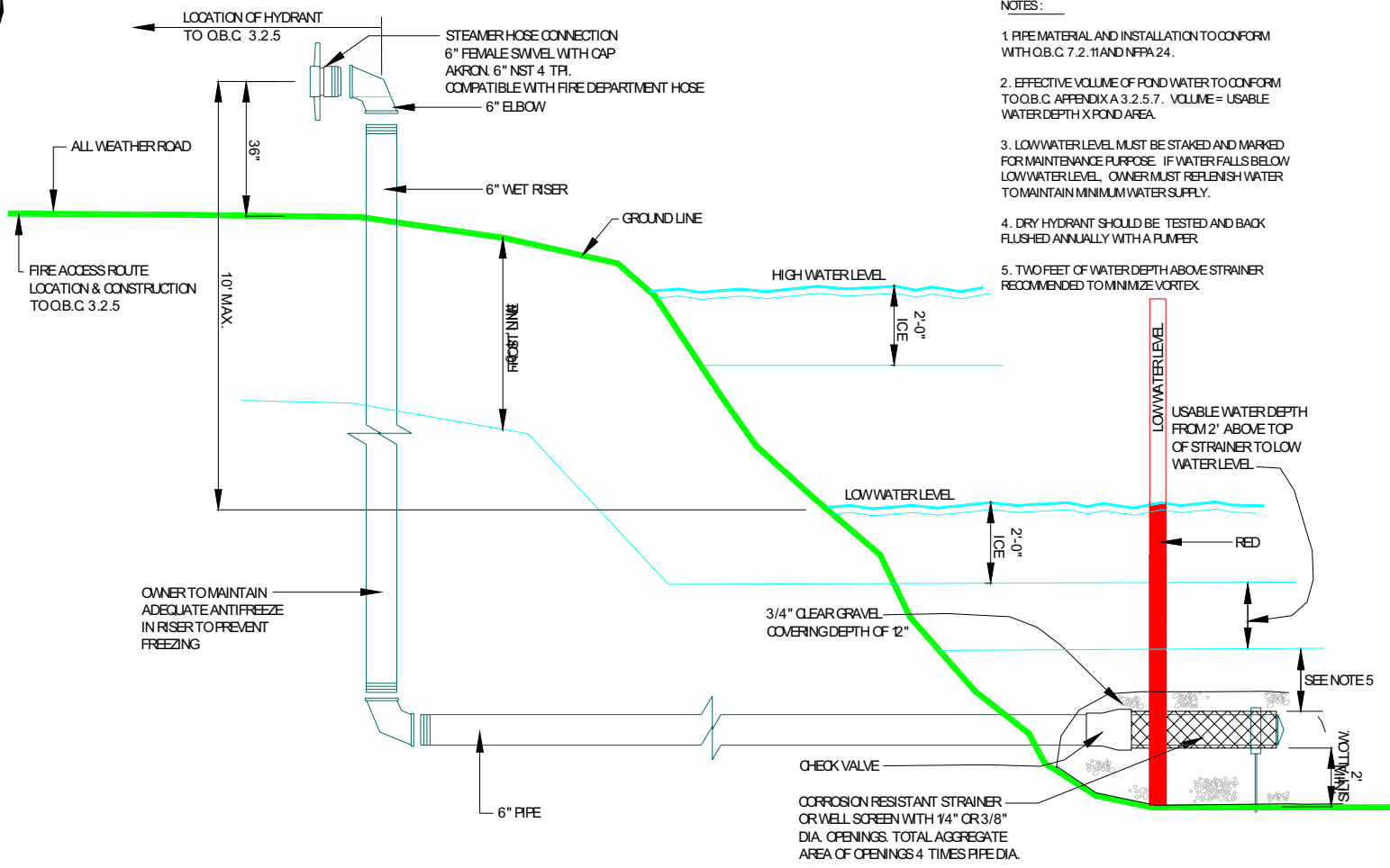


City of Akron, Ohio

DETAIL  
**DRY HYDRANT**  
 Rural Installation  
 Pond Water supply

PERMIT APPLICATION #  
 \_\_\_\_\_  
 REVIEWED BY:  
 \_\_\_\_\_  
 DATE:  
 \_\_\_\_\_

DWG. NO.  
**X14**  
 JUN/2010



- NOTES:
1. PIPE MATERIAL AND INSTALLATION TO CONFORM WITH O.B.C. 7.2.11 AND NFPA 24.
  2. EFFECTIVE VOLUME OF POND WATER TO CONFORM TO O.B.C. APPENDIX A 3.2.5.7. VOLUME = USABLE WATER DEPTH X POND AREA.
  3. LOW WATER LEVEL MUST BE STAKED AND MARKED FOR MAINTENANCE PURPOSE. IF WATER FALLS BELOW LOW WATER LEVEL, OWNER MUST REPLENISH WATER TO MAINTAIN MINIMUM WATER SUPPLY.
  4. DRY HYDRANT SHOULD BE TESTED AND BACK FLUSHED ANNUALLY WITH A PUMPER.
  5. TWO FEET OF WATER DEPTH ABOVE STRAINER RECOMMENDED TO MINIMIZE VORTEX.

OWNER TO MAINTAIN ADEQUATE ANTI-FREEZE IN RISER TO PREVENT FREEZING

3/4" CLEAR GRAVEL COVERING DEPTH OF 2"

CORROSION RESISTANT STRAINER OR WELL SCREEN WITH 1/4" OR 3/8" DIA. OPENINGS. TOTAL AGGREGATE AREA OF OPENINGS 4 TIMES PIPE DIA.

USABLE WATER DEPTH FROM 2' ABOVE TOP OF STRAINER TO LOW WATER LEVEL

LOW WATER LEVEL

RED

SEE NOTE 5

2' MINIMUMS