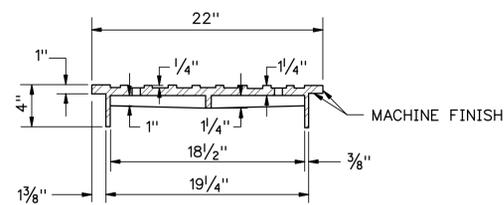


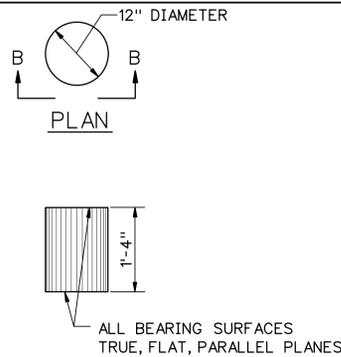
PLAN - COVER PLAN - COVER BOTTOM



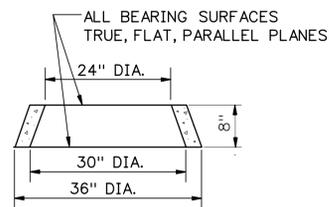
SECTION A-A

- NOTE:
1. GRAY IRON CASTINGS PER ASTM A-48, CLASS 30A
  2. ALL MACHINE FINISH TO BE A.S.A. SPECIFICATION, ROUGHNESS SYMBOL 250, TOLERANCE: - 0", +1/16"
  3. THE WORD "WATER" IN 1" LETTERS SHALL BE CAST IN THE DEPRESSION SHOWN IN THE CENTER OF TOP OF COVER AND TO BE FLUSH WITH THE SURFACE.

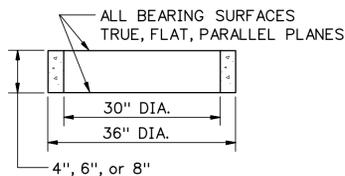
24 - INCH CAST IRON COVER



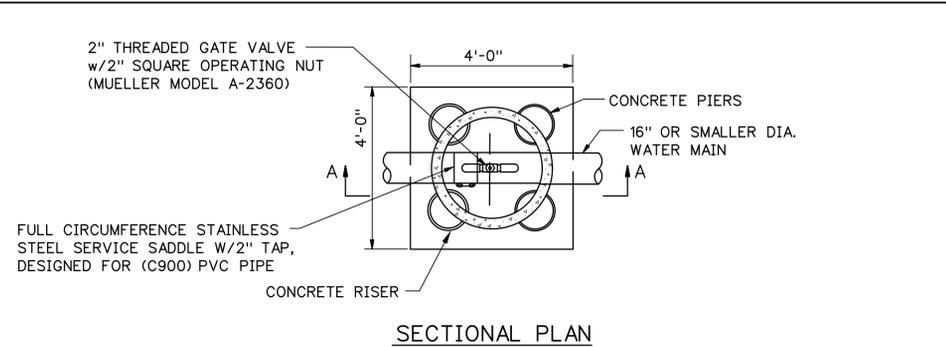
ELEVATION B-B CONCRETE PIER DETAILS



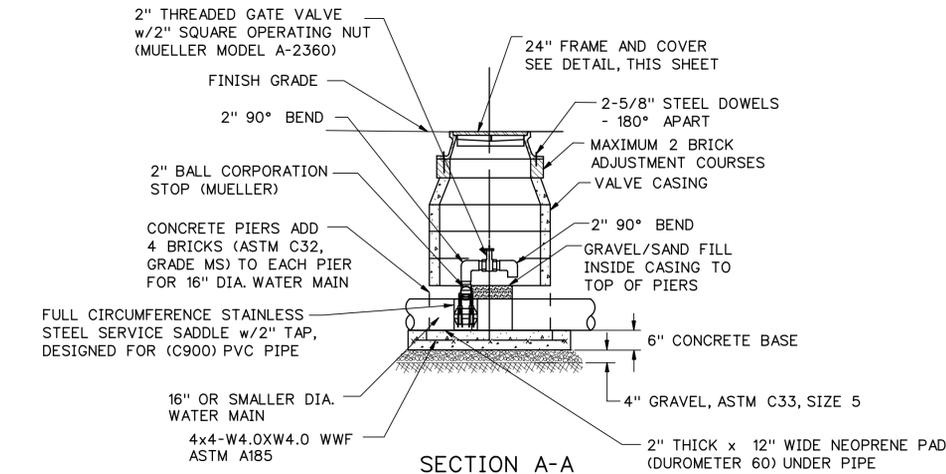
SECTION CONE RISER



SECTION RISER



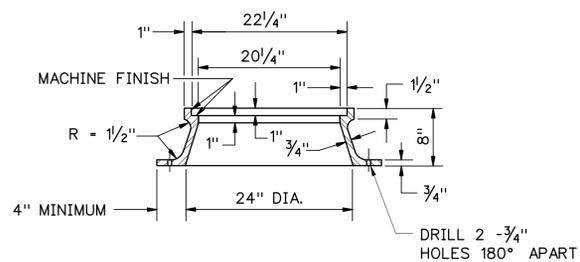
SECTIONAL PLAN



SECTION A-A

- NOTES:
- ALL CONCRETE CLASS 4000, AIR ENTRAINED, TYPE II CEMENT.
  - FITTINGS AND 2" PIPE TO BE BRASS

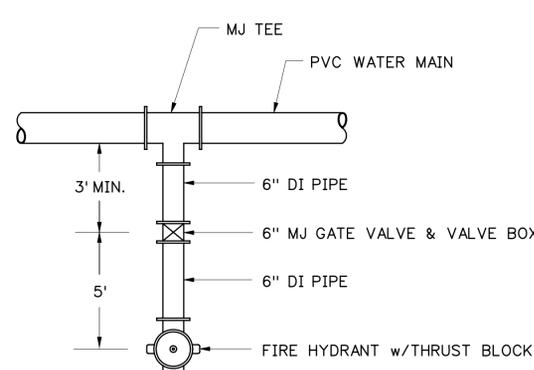
2-INCH AIR BLOWOFF



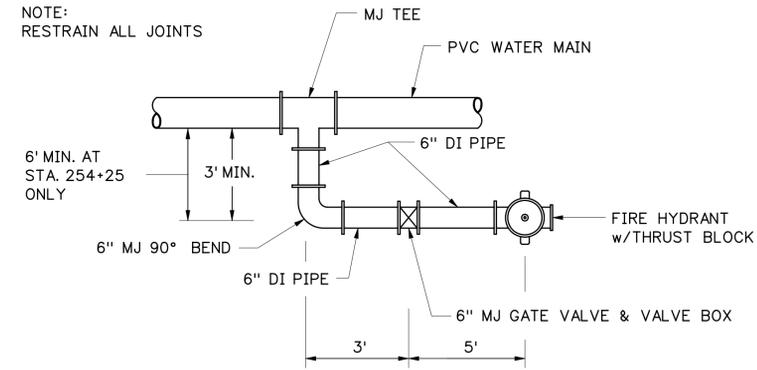
SECTION OF 24 - INCH DIAMETER FRAME

- NOTE:
1. GRAY IRON CASTINGS PER ASTM A48, CLASS 30A.
  2. ALL MACHINE FINISH TO BE A.S.A. SPECIFICATION, ROUGHNESS SYMBOL 250, TOLERANCE: - 0", +1/16"

24-INCH DIAMETER CAST IRON FRAME



FIRE HYDRANT TYPE "A"



FIRE HYDRANT TYPE "B"

- LEGEND:
- DI ... DUCTILE IRON
  - PVC ... POLYVINYL CHLORIDE
  - MJ ... MECHANICAL JOINT

**PREPARED BY**  
THE CONSULTING FIRM OF  
**RK&K RUMMEL, KLEPPER & KAHL, LLP**  
CONSULTING ENGINEERS

Professional Engineer Seal: WAYNE RUMMEL, No. 6561

*T. R. Rummel*  
1.14.2005

DATE: \_\_\_\_\_ DESCRIPTION: \_\_\_\_\_ BY: RK&K  
I-25-05 [ ] REVISED DETAILS

**DELAWARE SEASHORE STATE PARK**  
**INDIAN RIVER MARINA RE-DEVELOPMENT**  
**PHASE II - WATER MAIN**

DESIGNED BY: RK&K  
DRAWN BY: RK&K  
BUILDING NO.: N/A  
DATE: OCTOBER 15, 2004  
SCALE: NOT TO SCALE  
SHEET NO.: DETAIL 01  
E. F. N.: