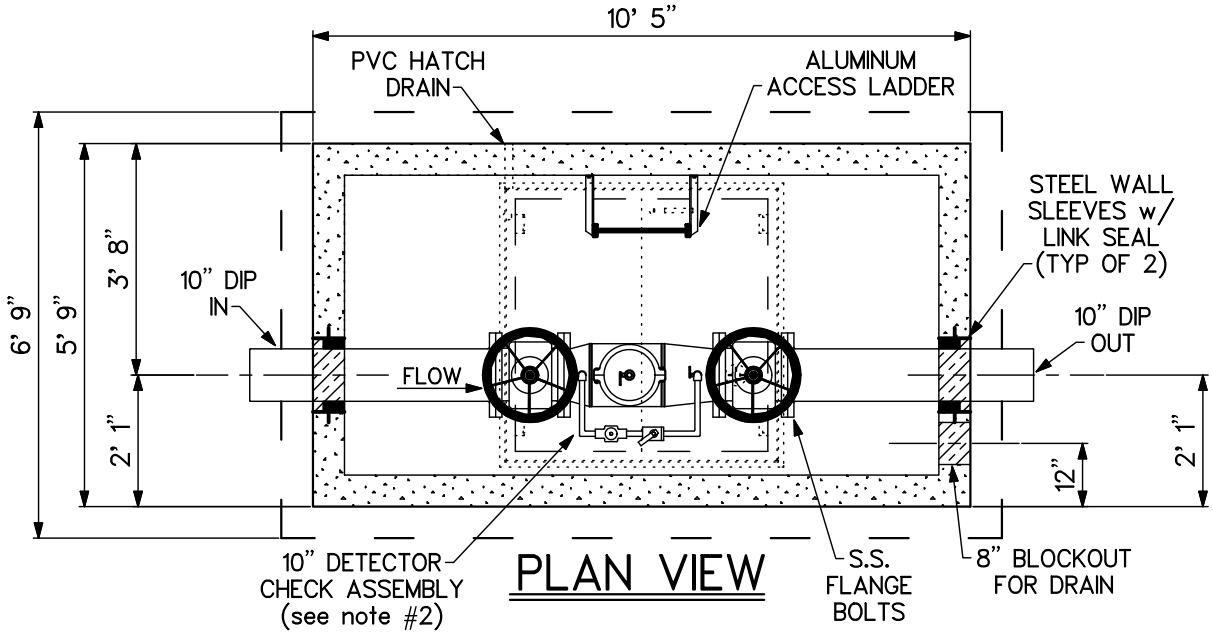
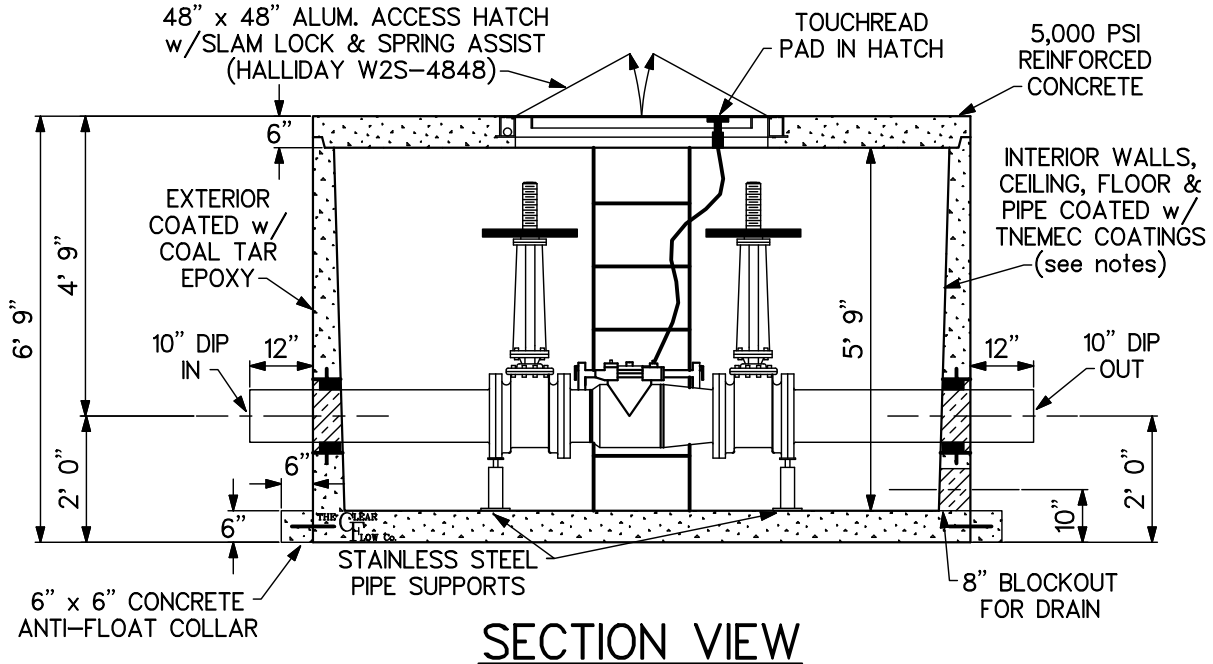


PLAN VIEW



SECTION VIEW

NOTES:

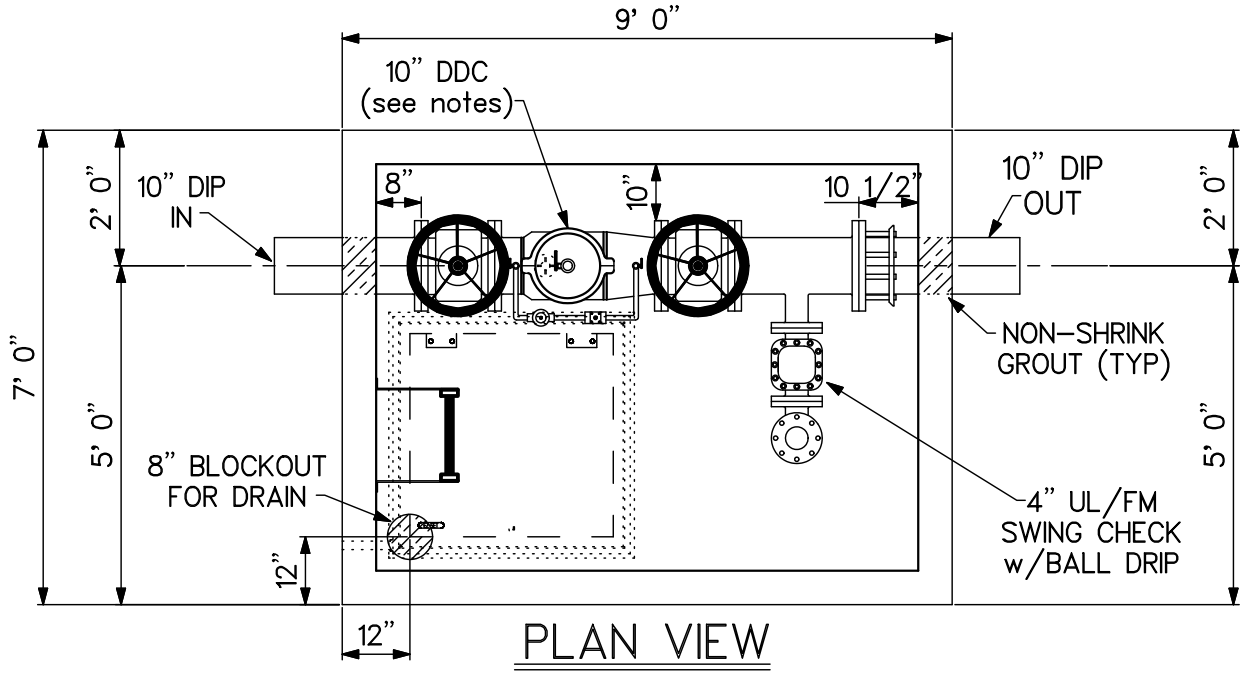
1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY. 26,000 LBS.
2. 10" AMES 3000SS DOUBLE CHECK DETECTOR ASSEMBLY w/METERED BYPASS & TOUCH READ (METER ASSEMBLY FLANGE BOLTS ARE AS SUPPLIED FROM THE FACTORY)
3. COATING SCHEDULE:
   PIPE & FITTINGS (EXCEPT BRASS OR S.S.) – PRIME COAT – TNEMEC EPOXY #135 – WHITE
   INTERMEDIATE COAT – TNEMEC EPOXY #27 – ALUMINUM
   FINISH COAT – TNEMEC ACRYLIC POLYURETHANE #1074 – BK33 GRAY ANSI No. 61

** FLANGE BOLTS BETWEEN DDC & PIPE TO BE S.S. AND COATED AFTER ASSEMBLY
   VAULT EXTERIOR (BELOW GRADE) – TNEMEC COAL TAR EPOXY # 46H-413 – BLACK
   VAULT INTERIOR – WALLS & CEILING – PRIME COAT – TNEMEC FILLER #130-6602 – OFF-WHITE
   INTERMEDIATE COAT – TNEMEC ACRYLIC EPOXY #113 – AL82 WARM SUN
   FINISH COAT – TNEMEC ACRYLIC EPOXY #114 H.B. – WH02 TANK WHITE
   VAULT FLOOR – TWO (2) COATS – TNEMEC ACRYLIC POLYAMINE EPOXY #201

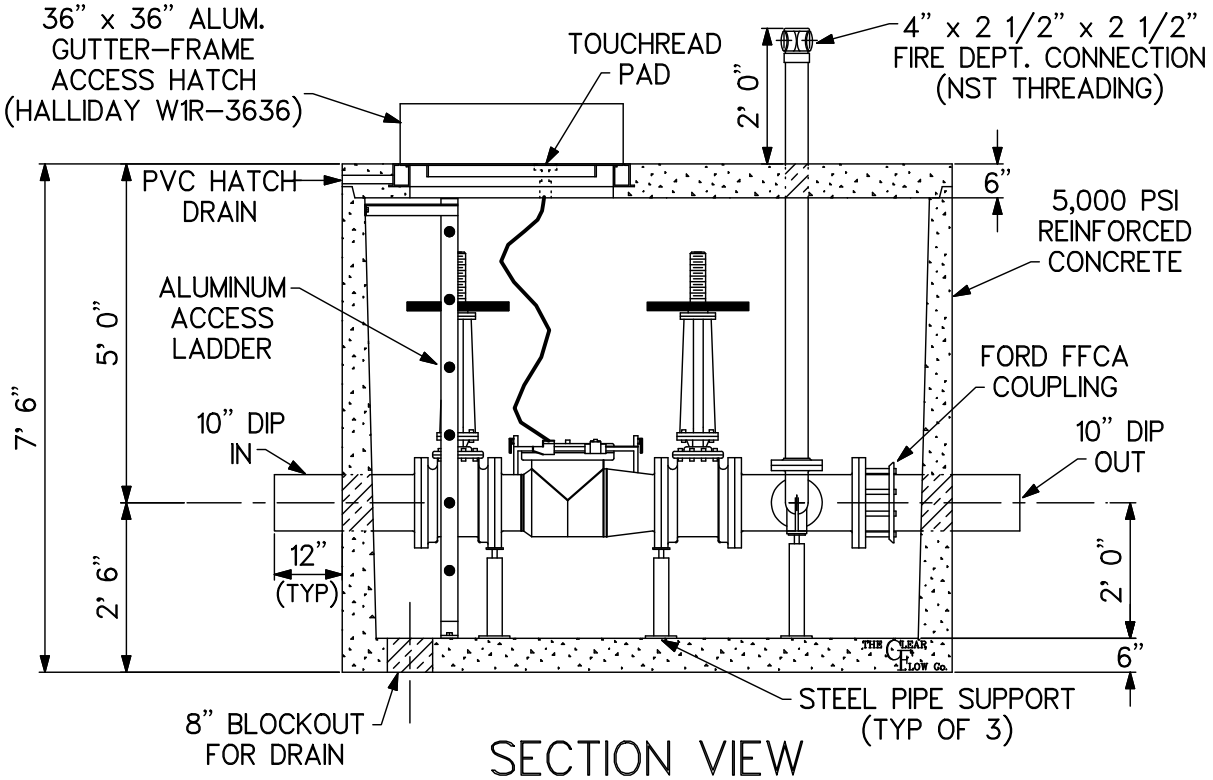
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 – 2678

SCALE: NONE	DATE: 7/30/05	DWG: DDC10-JAMES CITY CO

JAMES CITY COUNTY
10" DETECTOR CHECK VAULT



PLAN VIEW



SECTION VIEW

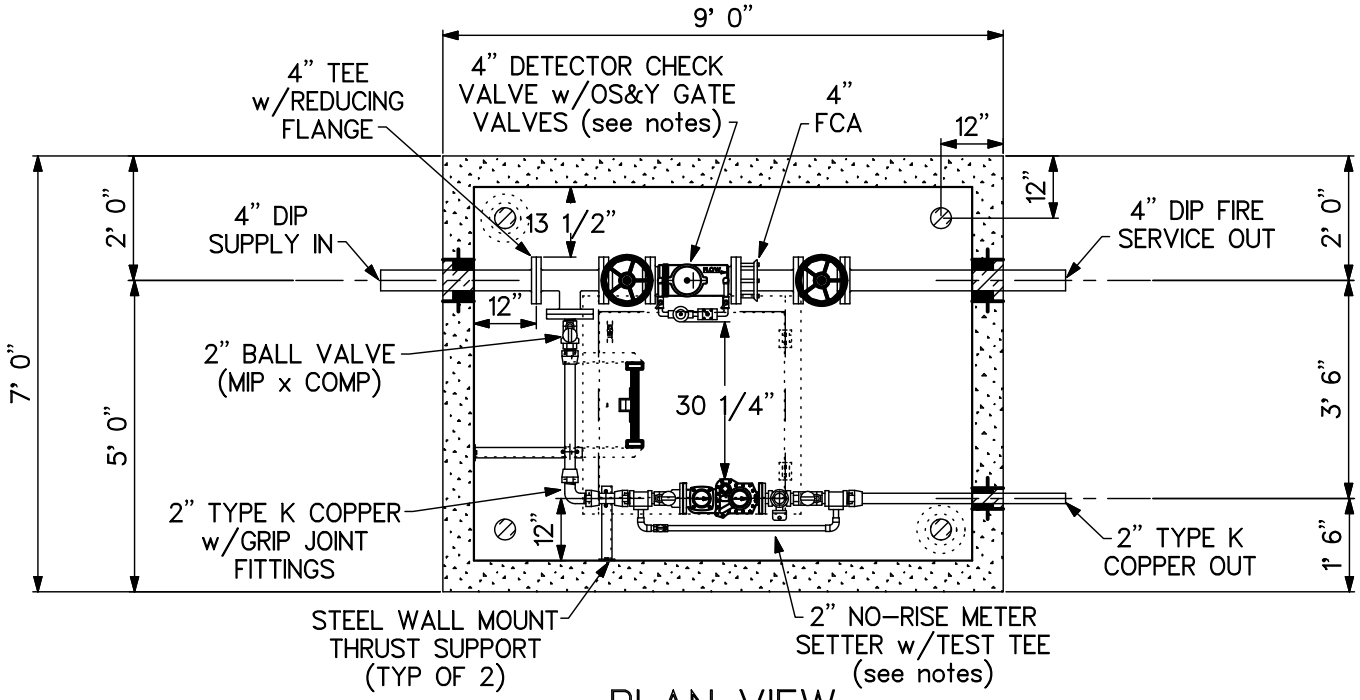
NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROX. 24,000 LBS.
2. 10" AMES 3000SS DOUBLE CHECK DETECTOR ASSEMBLY w/TOUCHREAD

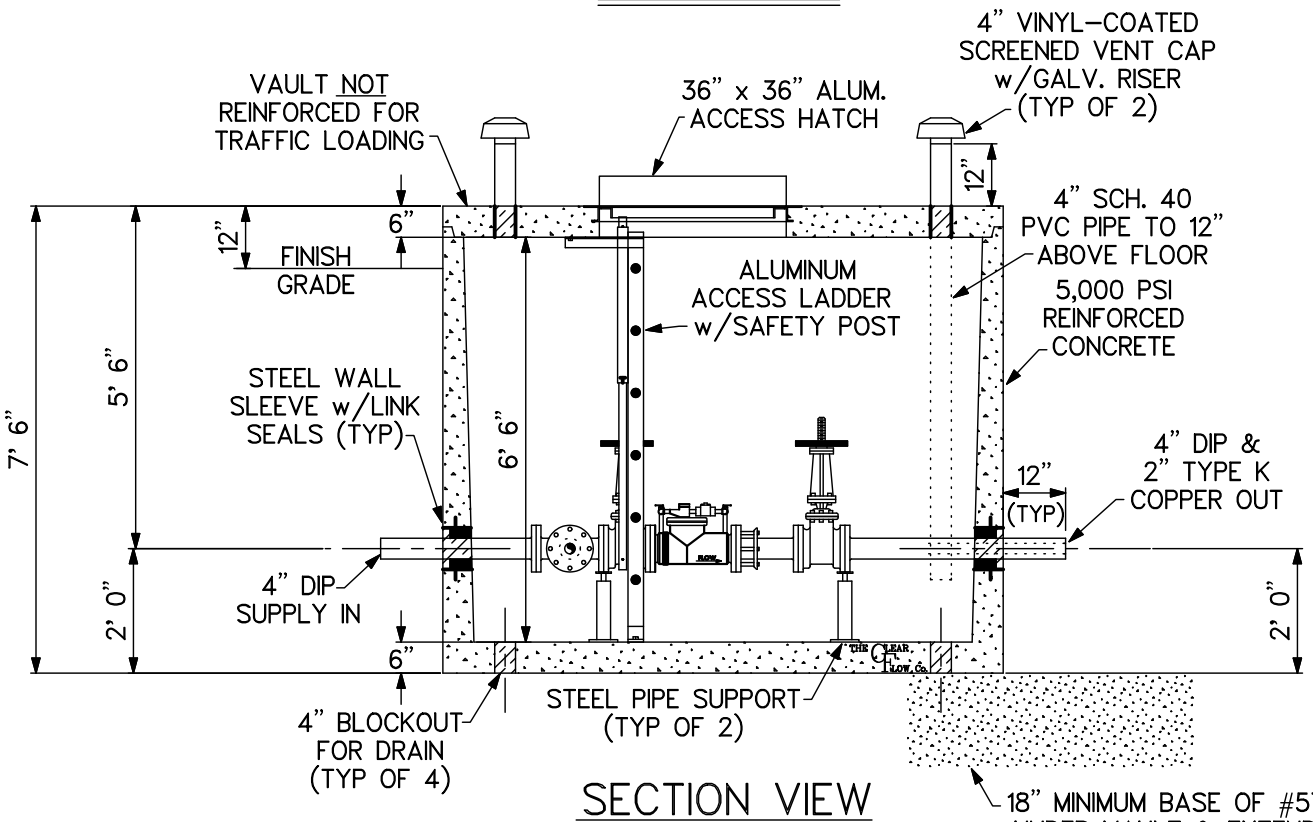
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 12/12/03	DWG: DDC-10-FDC-TJ6x8

10" DDC VAULT w/FIRE DEPT. CONNECTION (TJ-6x8 VAULT)



PLAN VIEW



SECTION VIEW

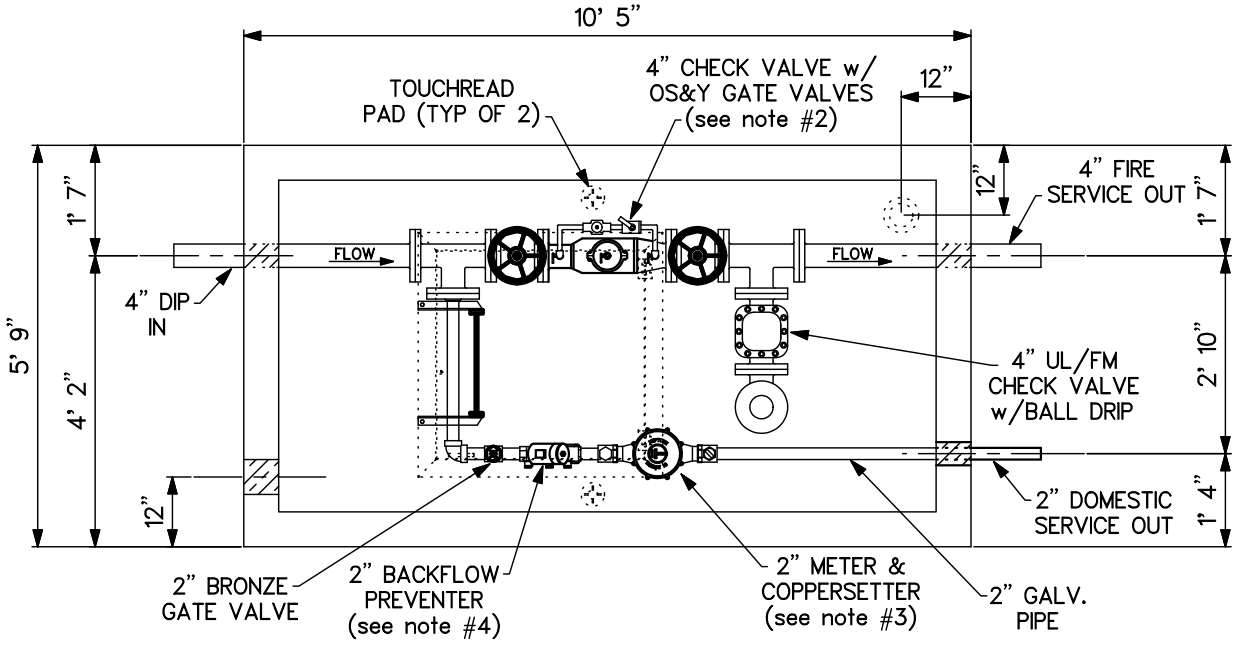
NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 24,000 LBS.
2. 4" DETECTOR CHECK VALVE w/OS&Y GATE VALVES & METERED BYPASS
3. DOMESTIC & BYPASS METERS SUPPLIED BY CCUSA FOR INSTALLATION BY VAULT MANUFACTURER

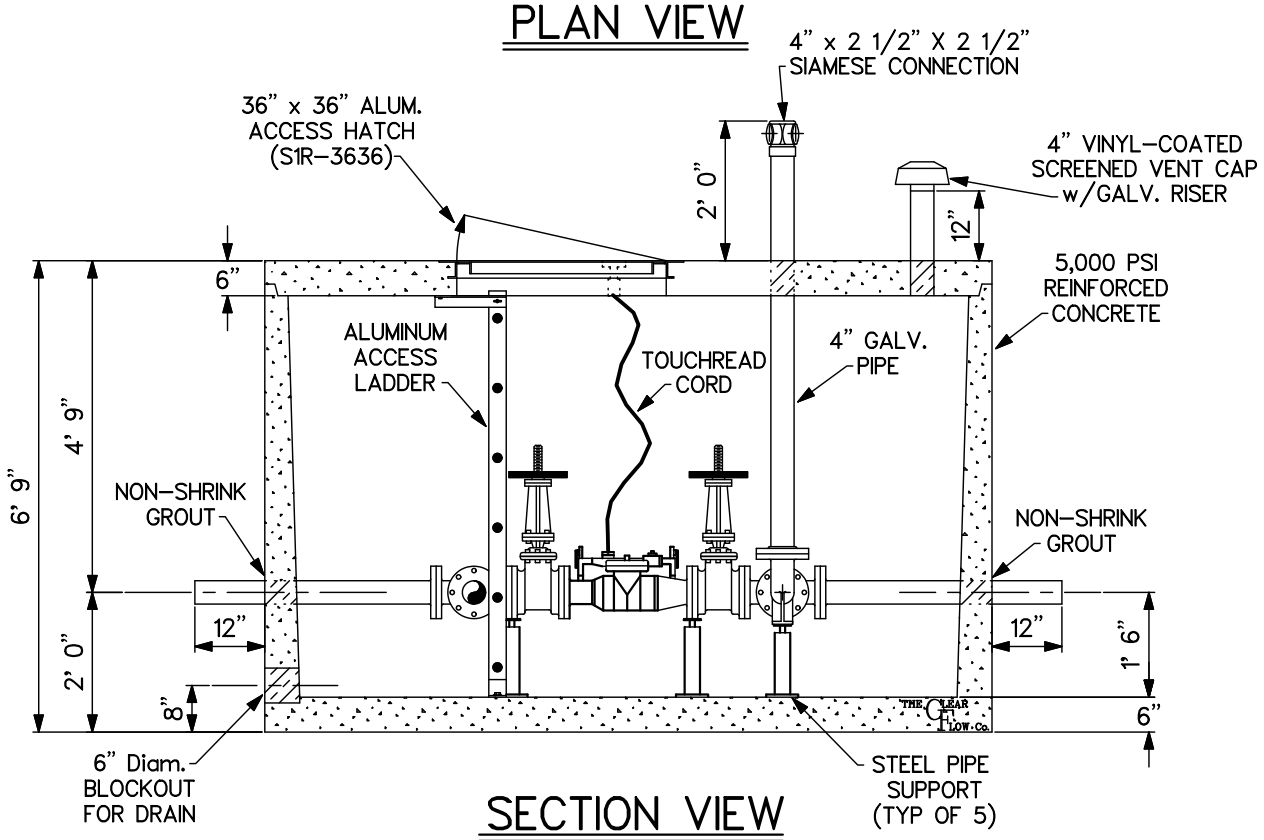
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 5/01/07	DWG: DC4x2-CAMPBELL CO

CAMPBELL COUNTY
4" DCV VAULT w/2" DOMESTIC SERVICE



PLAN VIEW



SECTION VIEW

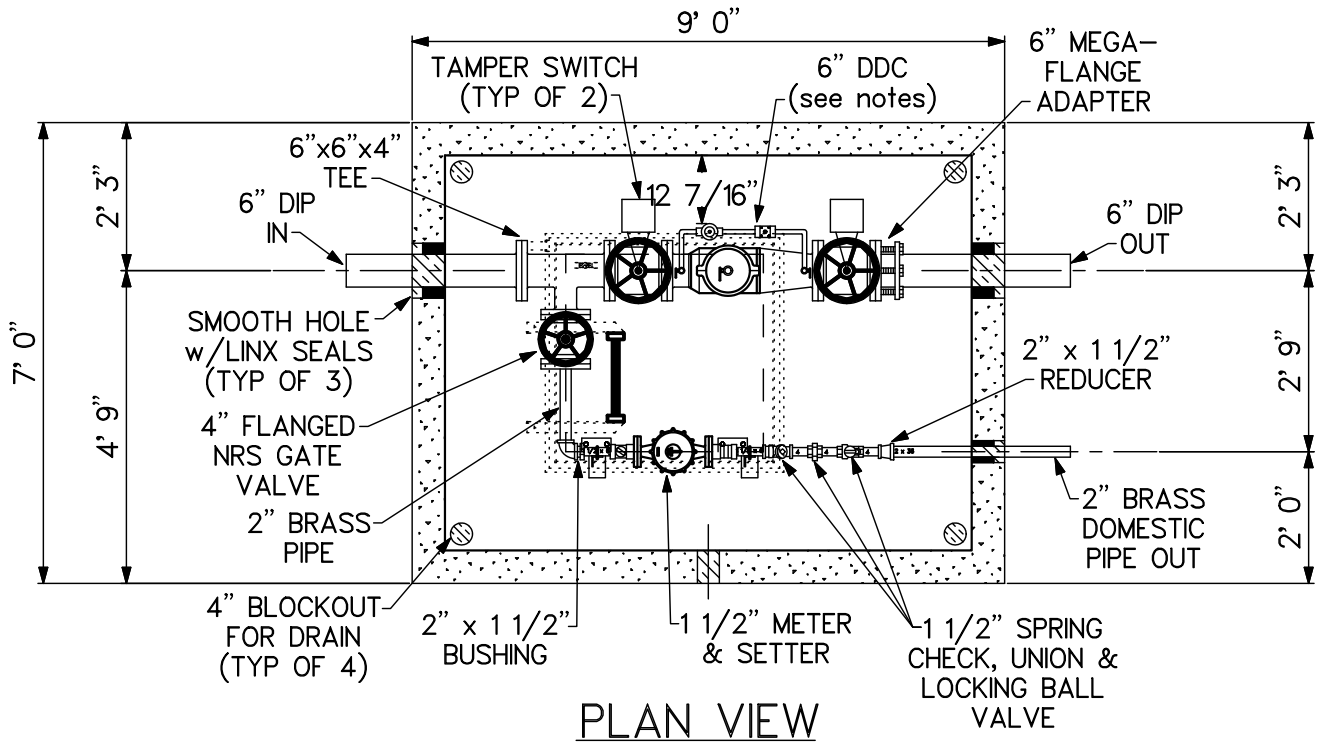
NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 22,000 LBS.
2. 4" AMES MODEL 3000SS DOUBLE DETECTOR CHECK w/METERED BYPASS & TOUCHREAD
3. 2" WATER METER & COPPERSETTER w/TOUCHREAD
4. 2" WILKINS MODEL 950 BACKFLOW PREVENTER

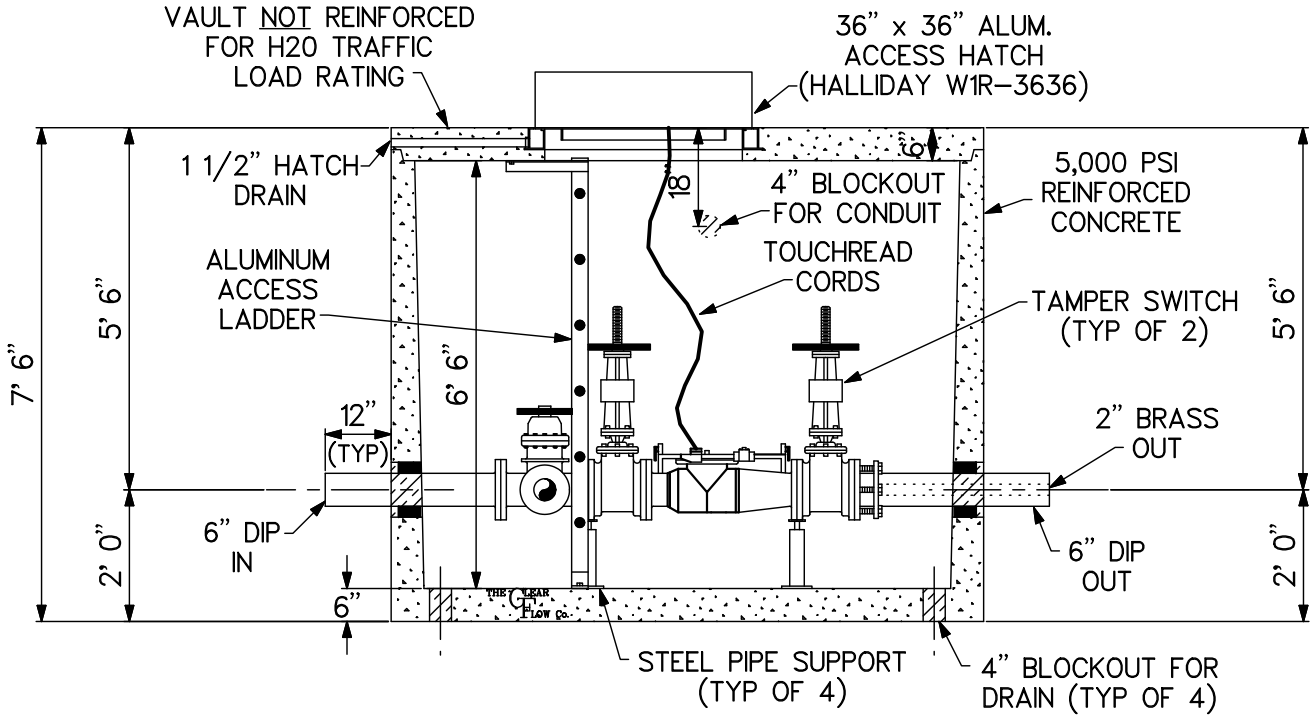
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 1/21/97	DWG: DDC4x2-FDC-TJ1600

4" FIRE SERVICE VAULT w/2" DOMESTIC SERVICE



PLAN VIEW



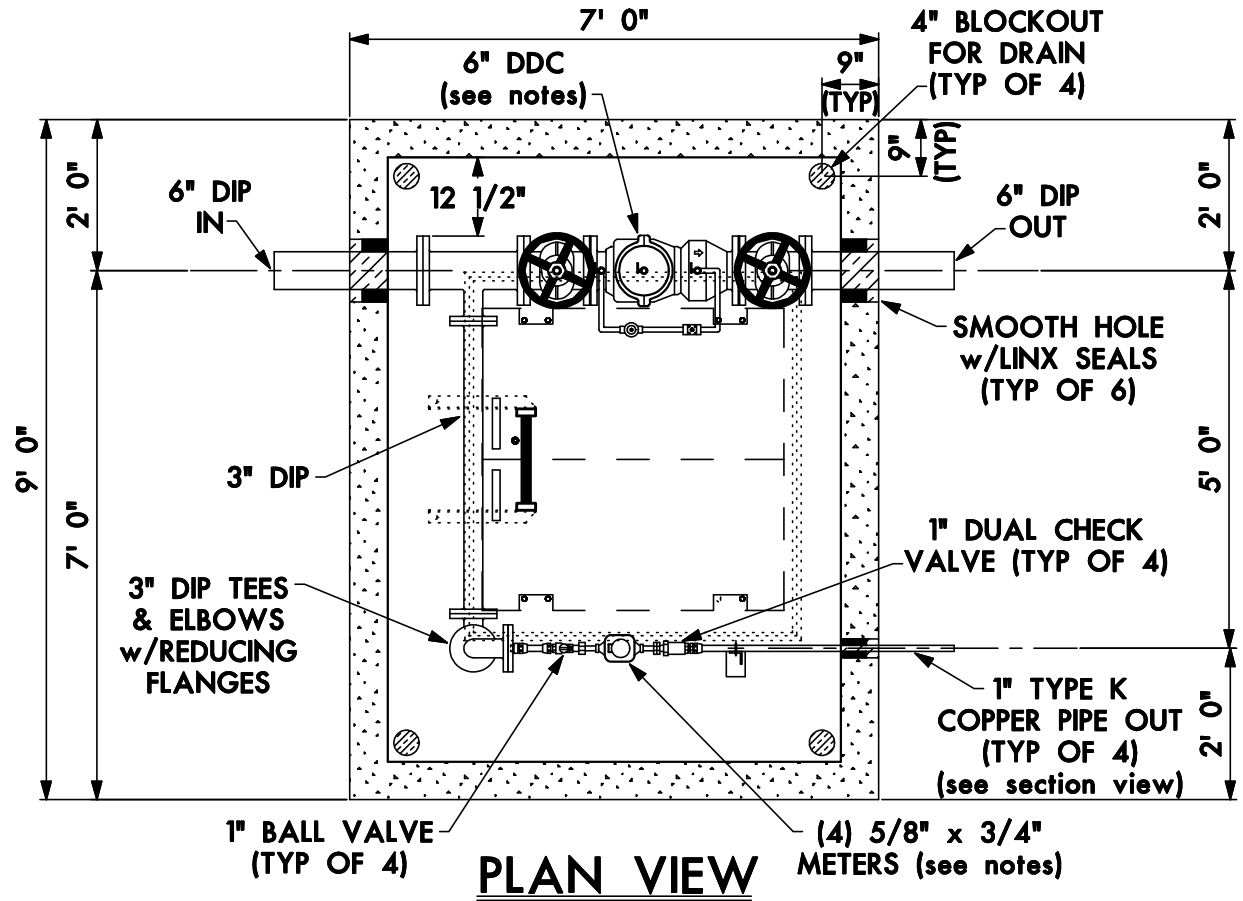
SECTION VIEW

NOTES:
1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 24,000 LBS.
2. 6" AMES 3000SS DOUBLE CHECK DETECTOR ASSEMBLY w/METERED BYPASS & TOUCHREAD PAD (GALLONS)
3. 1 1/2" SENSUS SR METER WITH TOUCHREAD PAD (GALLONS) MOUNTED IN FORD SETTER #VBHH76-12B-11-66 (BALL VALVE IN - DUAL CHECK OUT w/LOCKABLE BYPASS)

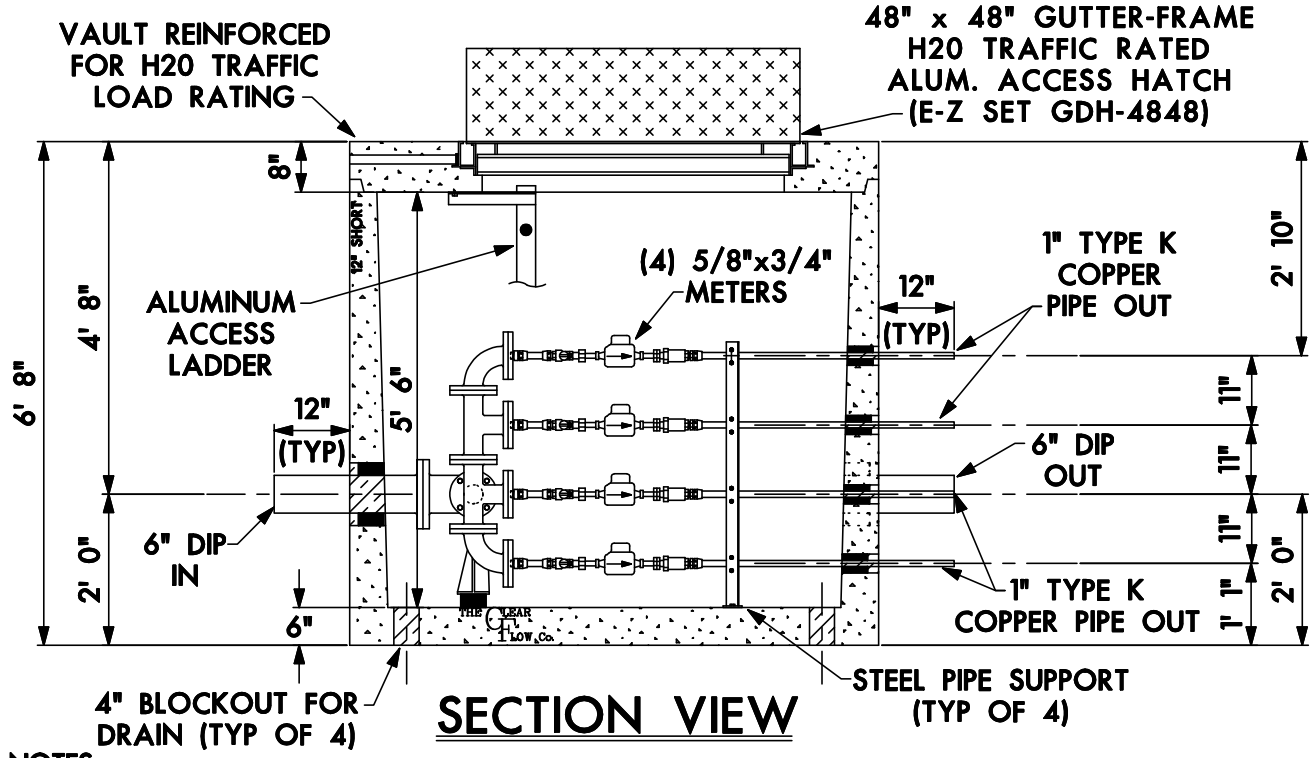
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 1/16/08	DWG: DDC6x1H-TJ1600-WAYNESBORO

CITY OF WAYNESBORO
6" DDC VAULT w/1 1/2" DOMESTIC



PLAN VIEW



SECTION VIEW

NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 24,000 LBS.
2. 6" WILKINS 350DA DOUBLE CHECK DETECTOR ASSEMBLY w/METERED BYPASS (GALLONS)
3. 1" TYPE K COPPER LINES HAVE 1" GRIP JOINT FITTINGS, BALL VALVE (INLET) & CHECK VALVE (OUTLET) 5/8" x 3/4" METERS SUPPLIED BY WVWA TO CLEAR FLOW & INSTALLED ON OUR YARD.

DESIGN		6/13/08
DRAWN	STEVEN L. GORDON	
CHECKED	CRAIG A. SHREWSBURY	
APPROVED		
REVISIONS		DATE

THE CLEAR FLOW CO.

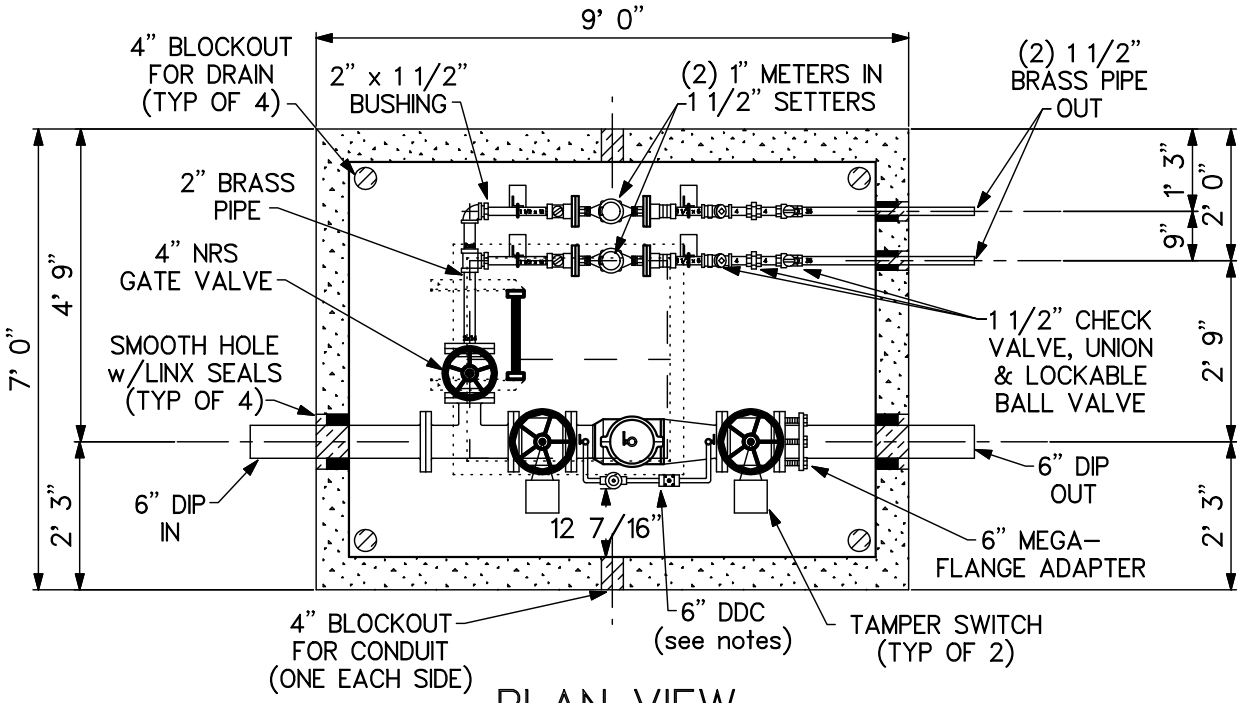
P. O. BOX 1467
1321 NORTH DELPHINE AVENUE
WAYNESBORO, VIRGINIA 22980
(540) 942 – 3300

PROJECT NO. WVWA DC6x1x1x1x1

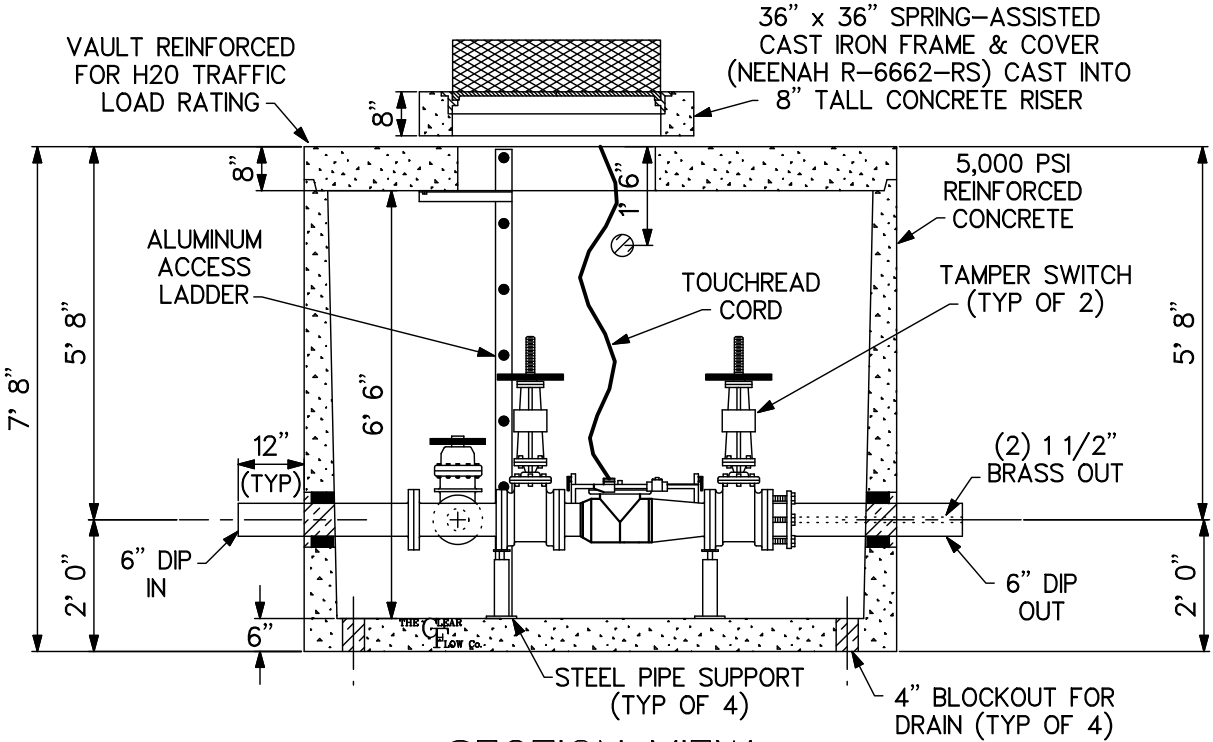
ROANOKE, VIRGINIA

WESTERN VA WATER AUTHORITY 6"x1"x1"x1"x1" DDC/ DOMESTIC VAULT

* PRINTOUT NOT TO ANY SCALE *



PLAN VIEW



SECTION VIEW

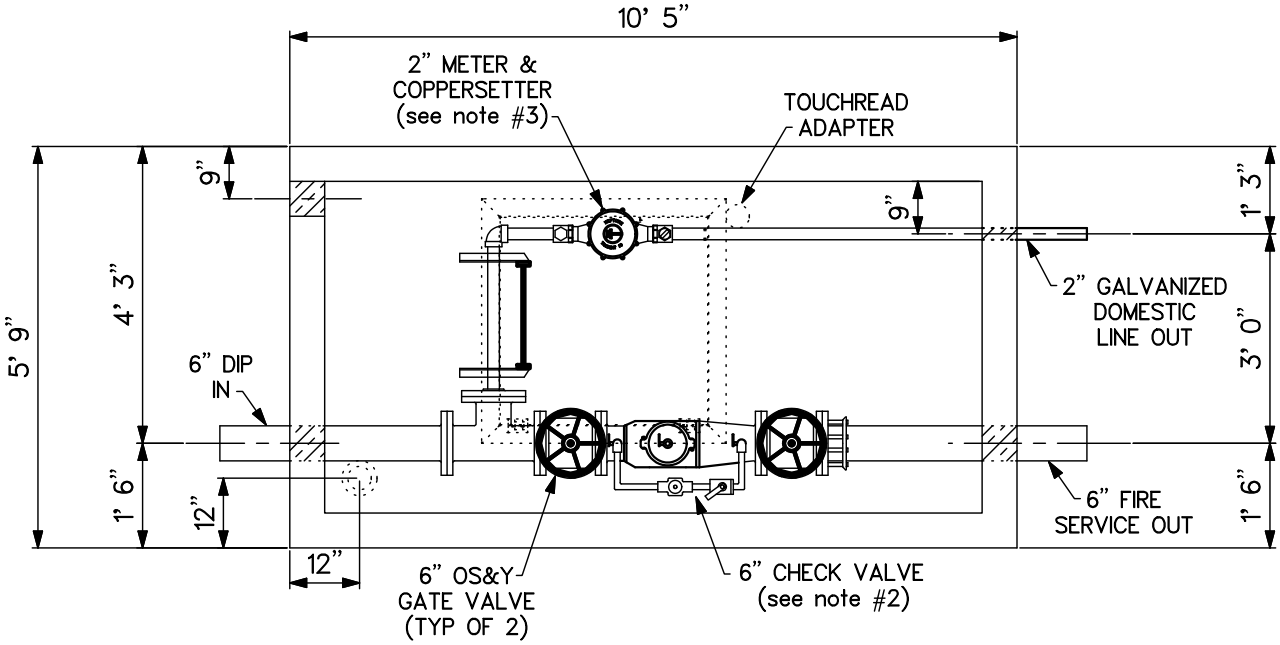
NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 24,000 LBS.
2. 6" AMES 3000SS DOUBLE CHECK DETECTOR ASSEMBLY w/METERED BYPASS & TOUCHREAD PAD (GALLONS)
3. 1 1/2" FORD SPRING CHECK VALVE (#HS11-666), BRASS UNION & FORD BALL VALVE w/PADLOCK WINGS (#B11-666W)

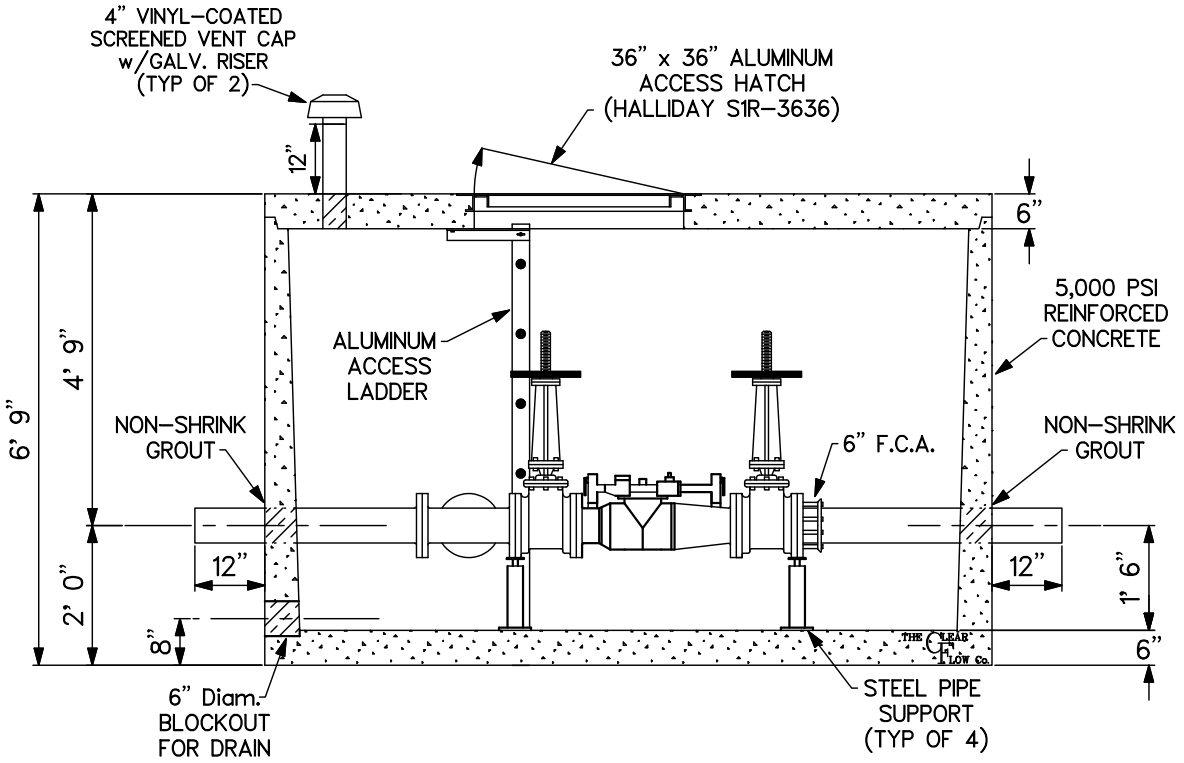
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 1/16/08	DWG: DDC6x1x1-TJ1600-WAYNESBORO

CITY OF WAYNESBORO
6" DDC VAULT w/2 - 1" DOMESTIC LINES



PLAN VIEW



SECTION VIEW

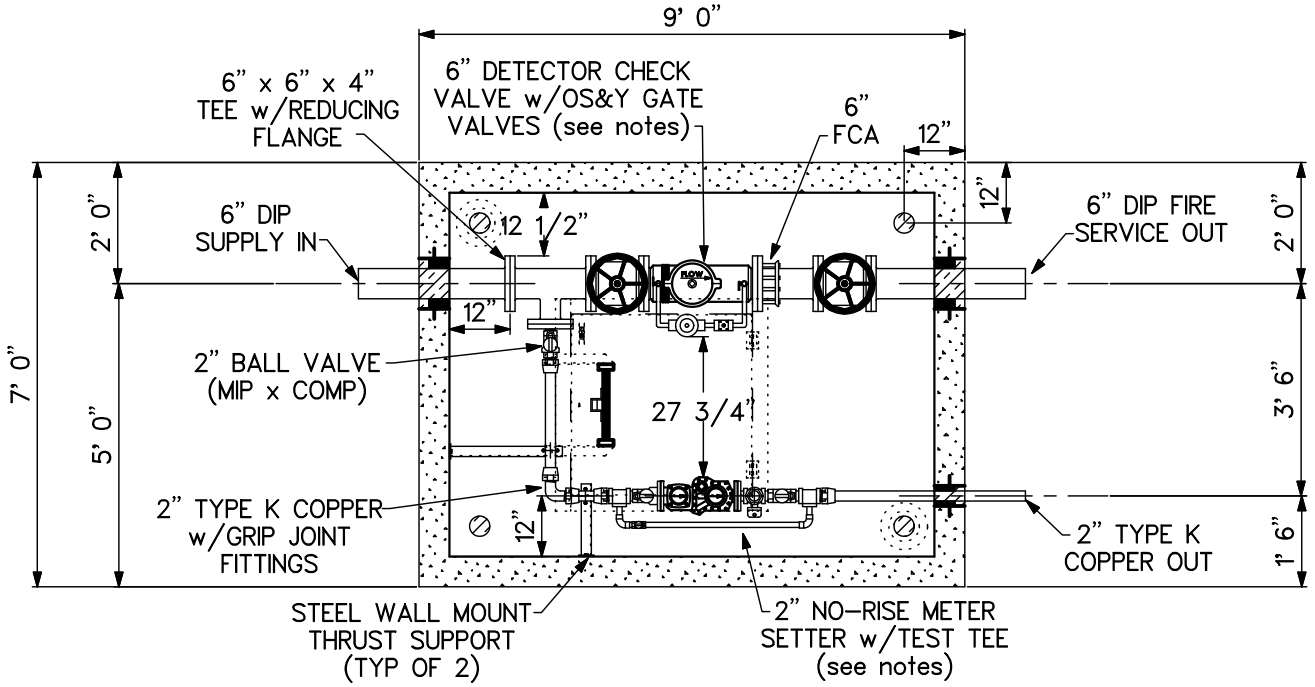
NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 22,000 LBS.
2. 6" AMES MODEL 3000SS DOUBLE DETECTOR CHECK w/METERED BYPASS
3. 2" WATER METER & COPPERSETTER PROVIDED BY THE MUNICIPALITY
4. ALSO AVAILIBLE WITH H20 (TRAFFIC) LOAD RATING

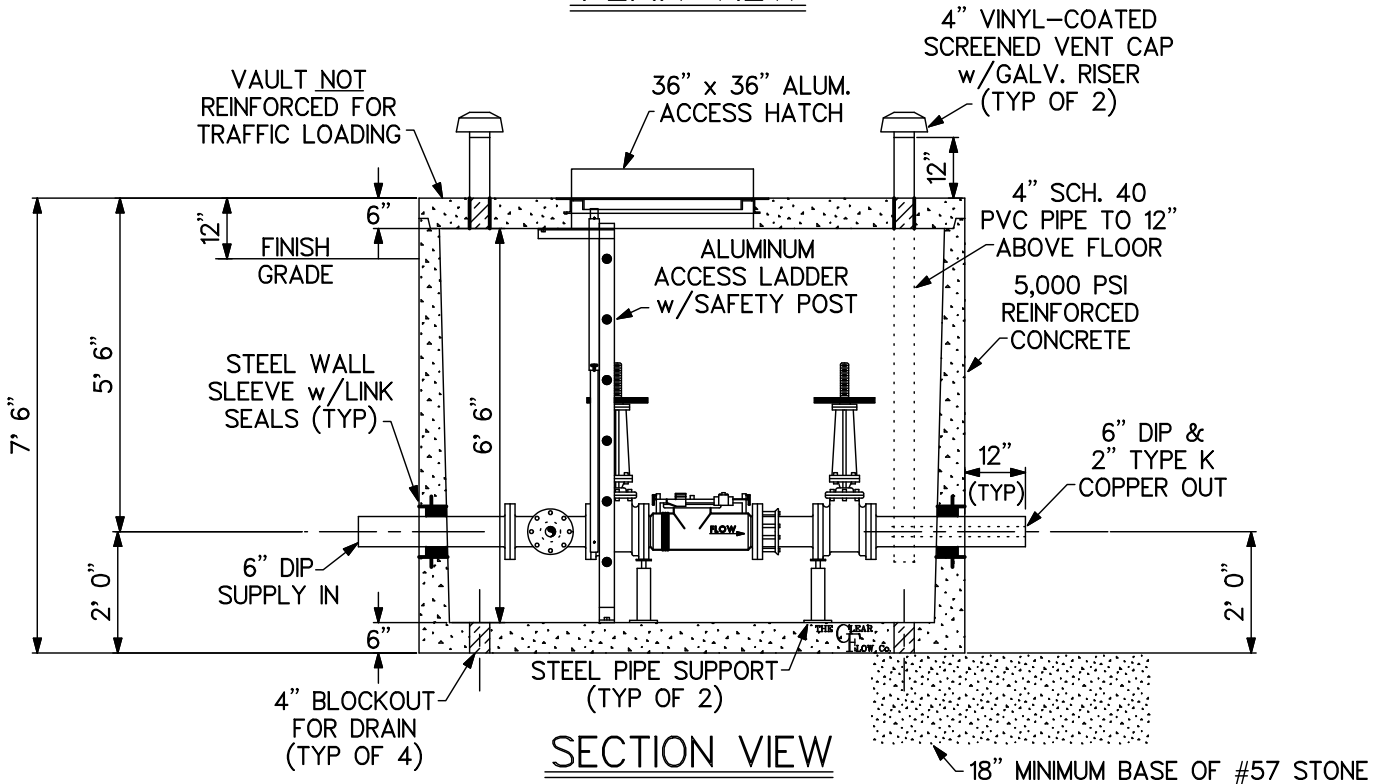
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 7/09/98	DWG: DDC6x2-TJ1600

6" DDC VAULT
w/2" DOMESTIC LINE



PLAN VIEW



SECTION VIEW

18" MINIMUM BASE OF #57 STONE UNDER VAULT & EXTENDING 24" BEYOND VAULT WITH FELT PAPER ON TOP OF EXPOSED STONE PRIOR TO BACKFILL.

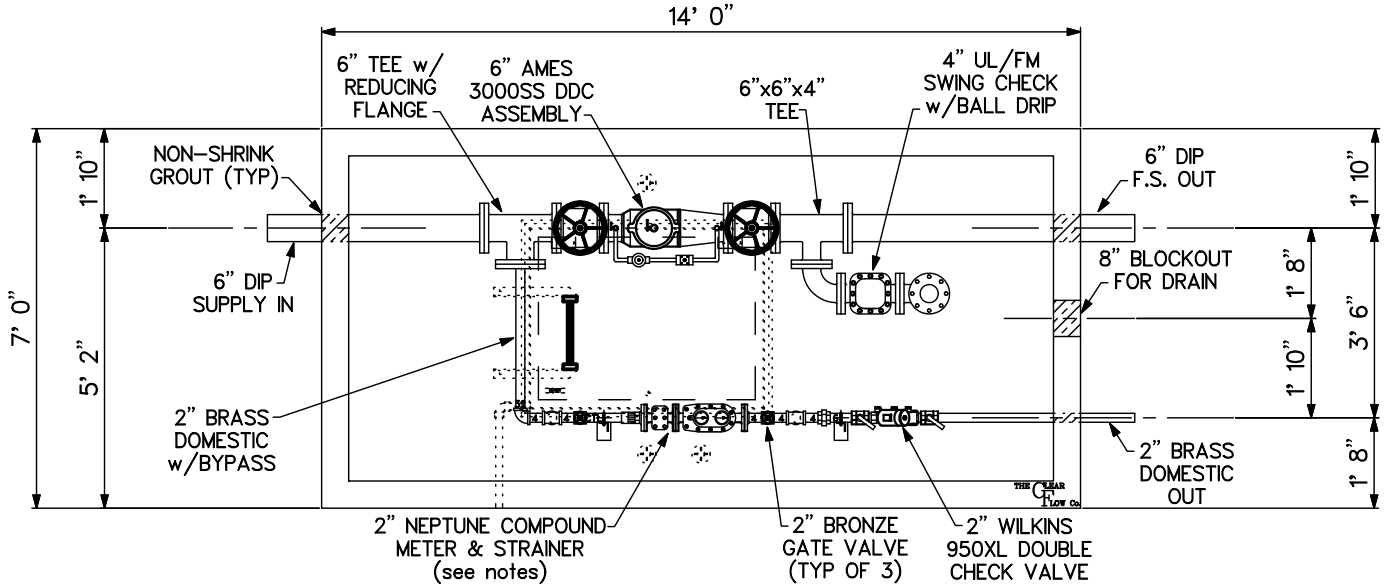
NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 24,000 LBS.
2. 6" DETECTOR CHECK VALVE w/OS&Y GATE VALVES & METERED BYPASS
3. DOMESTIC & BYPASS METERS SUPPLIED BY CCUSA FOR INSTALLATION BY VAULT MANUFACTURER

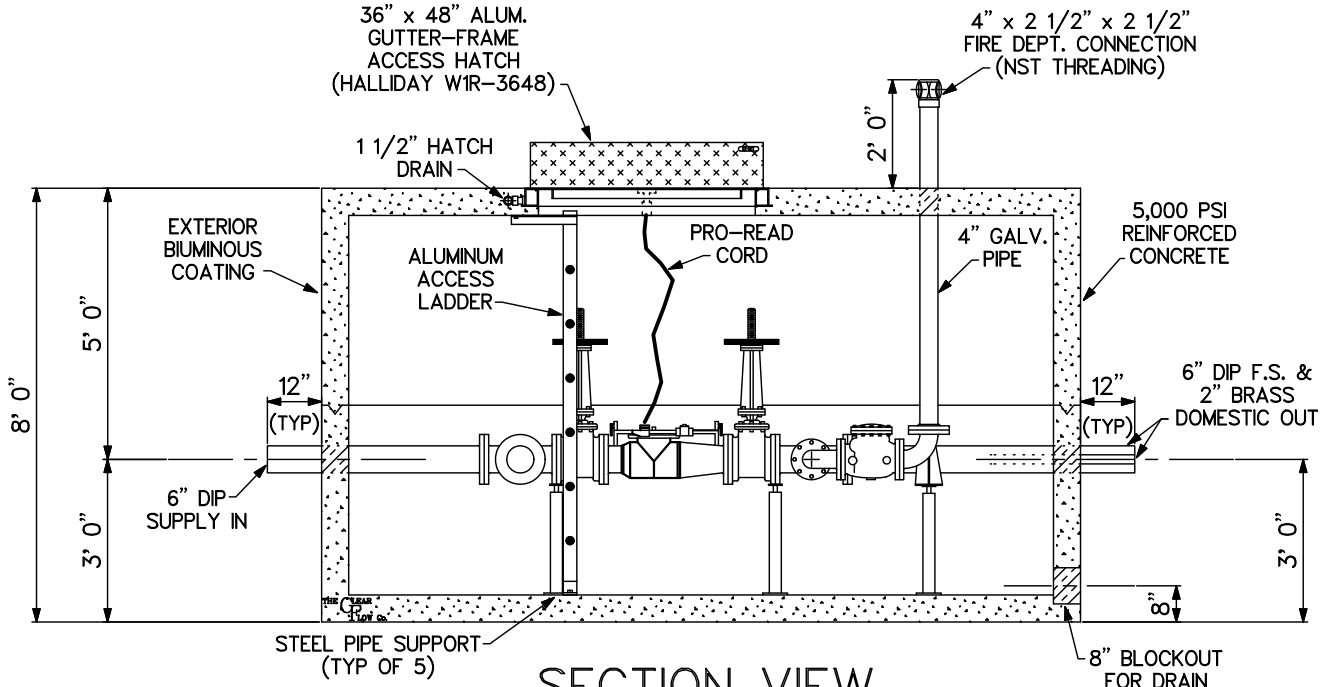
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 5/01/07	DWG: DC6x2-CAMPBELL CO

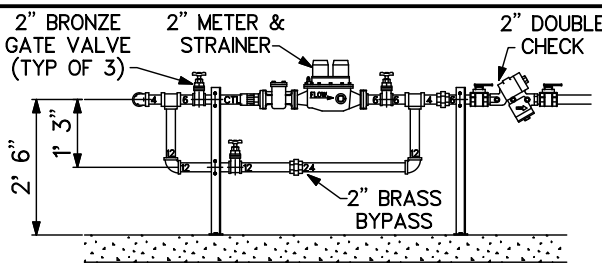
CAMPBELL COUNTY
6" DCV VAULT w/2" DOMESTIC SERVICE



PLAN VIEW



SECTION VIEW



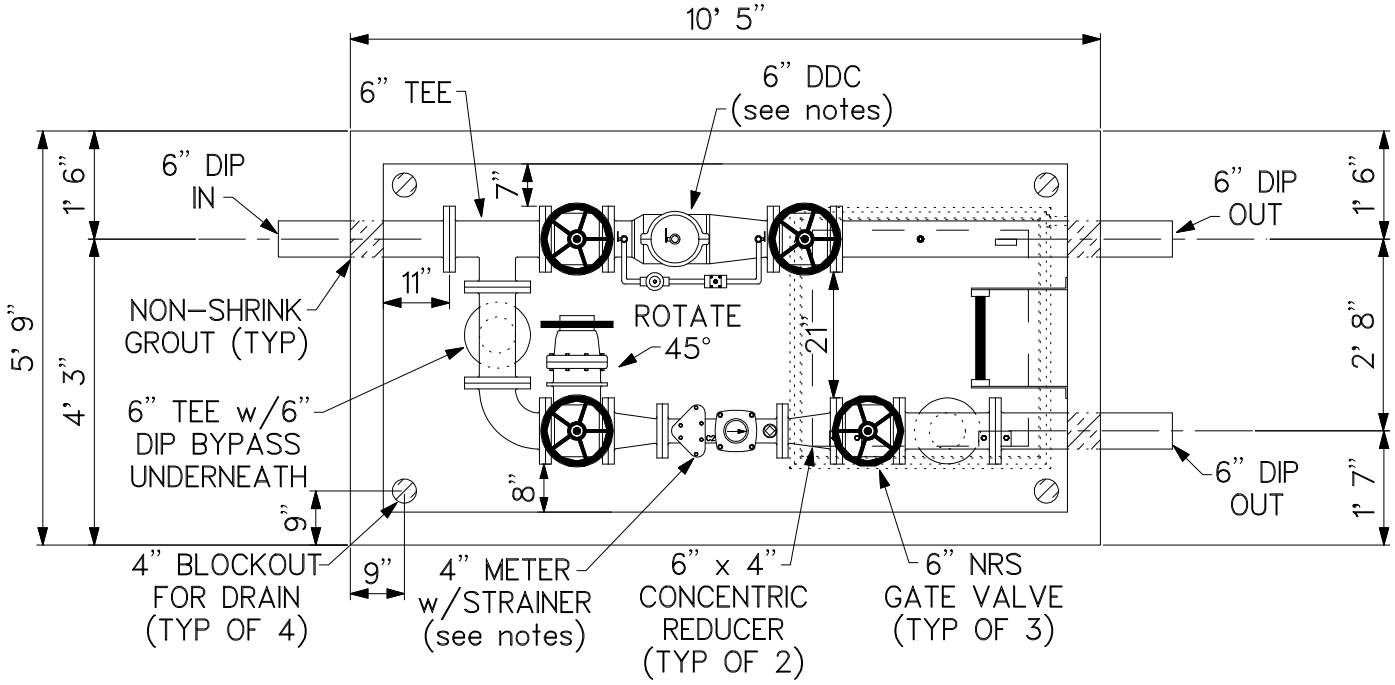
2" DOMESTIC DETAIL

NOTES:
1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 40,000 LBS.
2. 6" AMES 3000SS DOUBLE CHECK DETECTOR ASSEMBLY w/METERED BYPASS & PRO-READ (GALLONS)
3. 2" NEPTUNE COMPOUND METER w/PLATE STRAINER & PRO-READ (GALLONS)
4. 2" WILKINS 950XL DOUBLE CHECK VALVE w/BALL VALVES

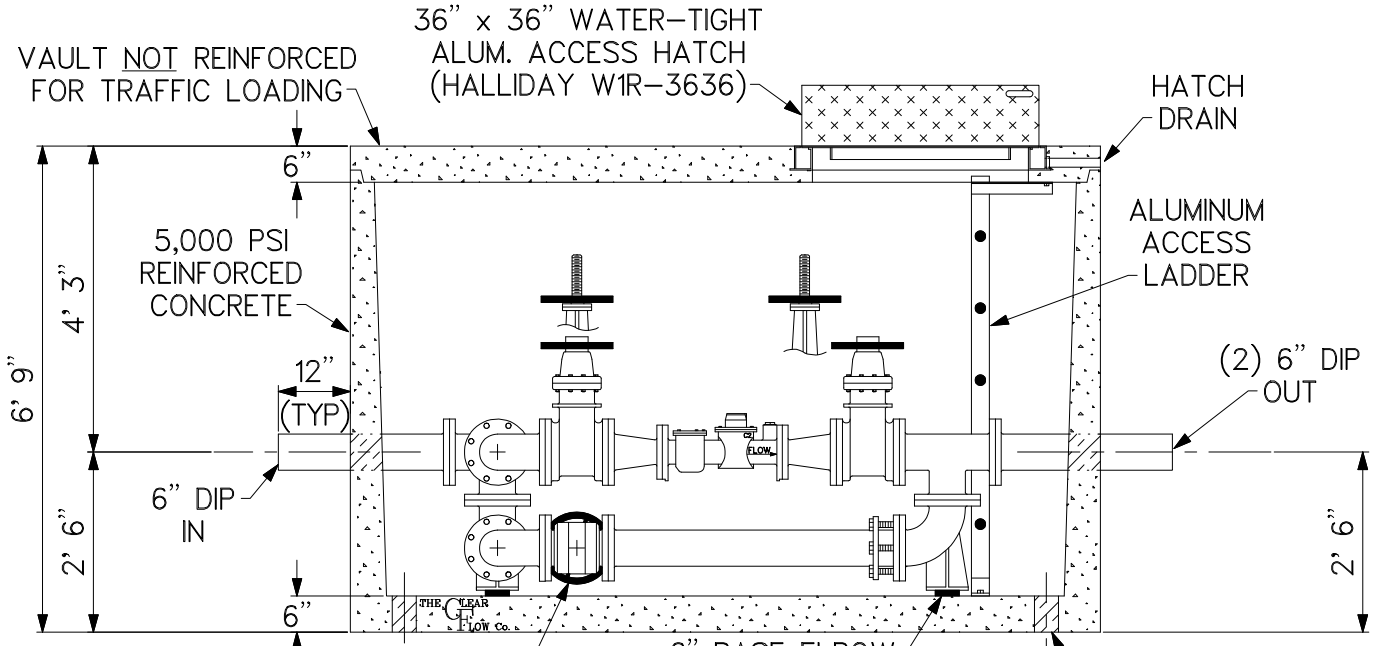
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 7/31/07	DWG: DDC6x2-FRONT ROYAL

FRONT ROYAL
6"x2" DDC VAULT



PLAN VIEW



SECTION VIEW

NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 24,000 LBS.
2. 6" AMES 3000SS DOUBLE CHECK DETECTOR ASSEMBLY w/METERED BYPASS
3. 4" SENSUS OMNI C2 METER w/INTEGRAL STRAINER & TOUCHREAD

DESIGN		
DRAWN	STEVEN L. GORDON	
REVISIONS		DATE

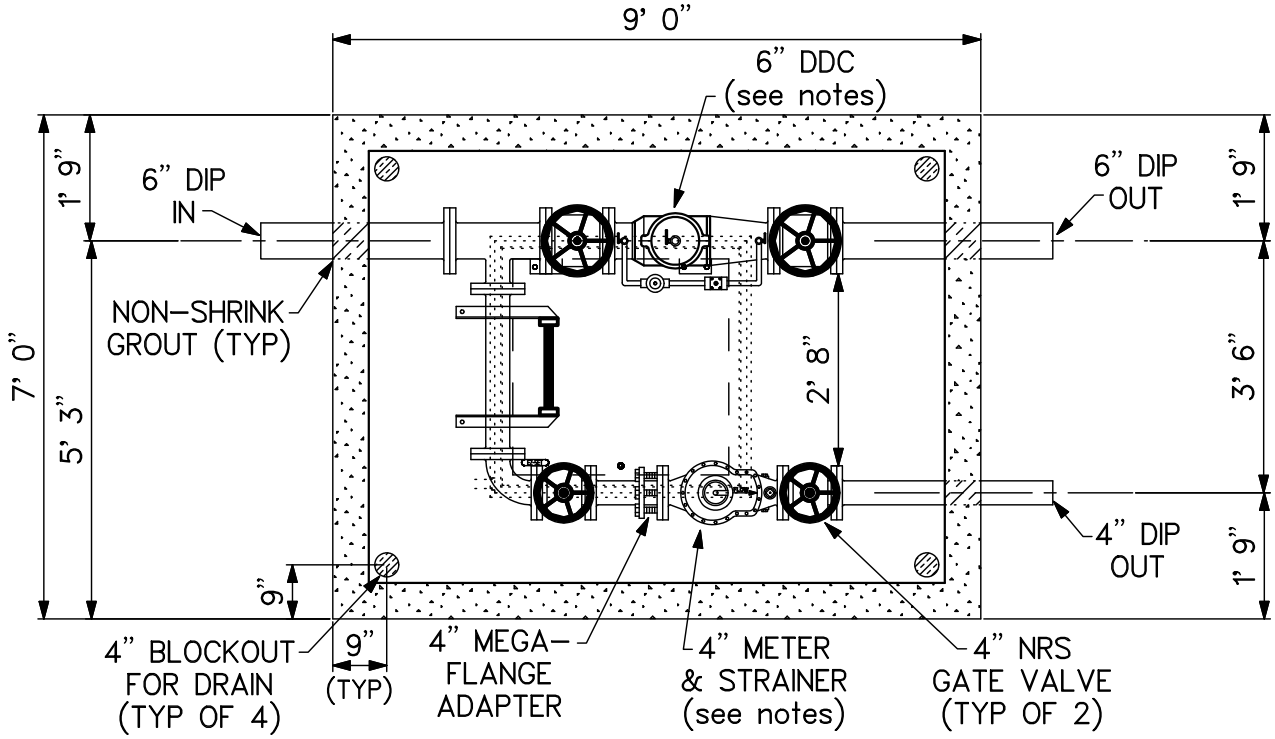
* PRINTOUT NOT TO ANY SCALE *

CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
210 STONE SPRING ROAD
HARRISONBURG, VA 22801
(540) 434 - 6979

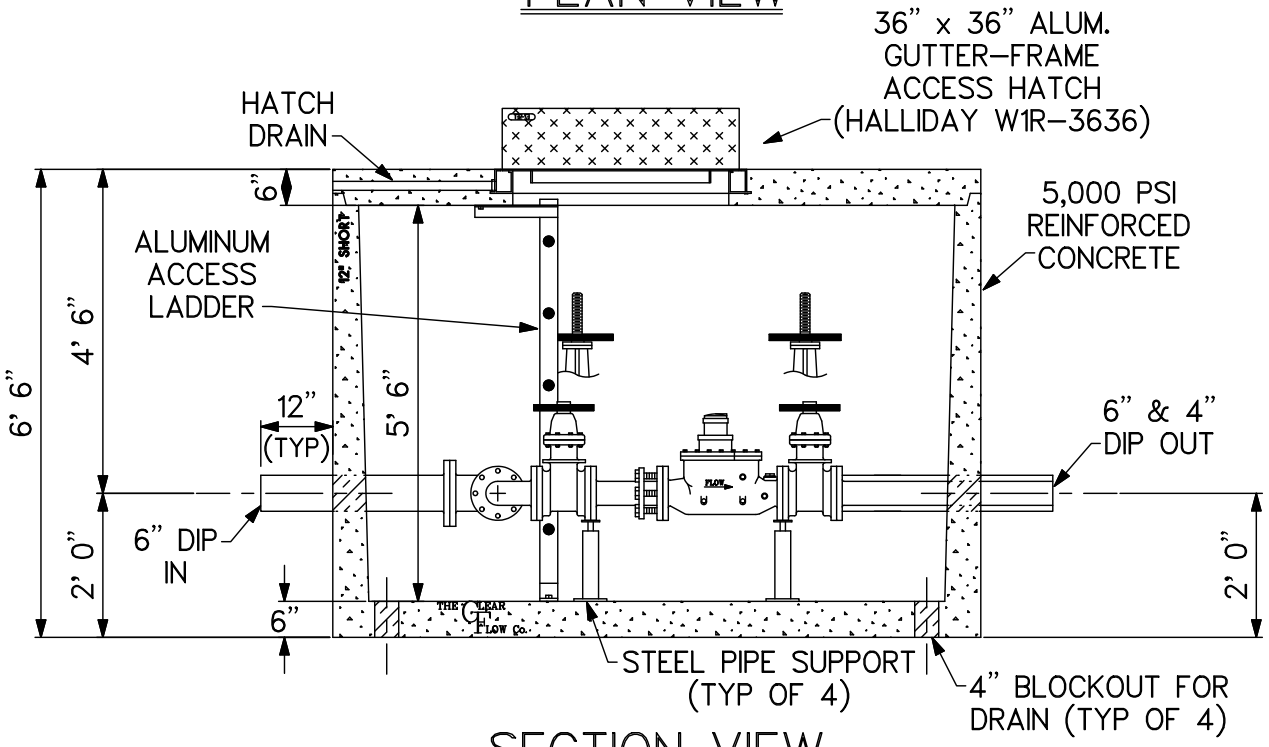
REF. NO. CREGGER CENTER

CITY OF SALEM, VIRGINIA

ROANOKE COLLEGE CREGGER CENTER 6" DDC VAULT WITH 4" DOMESTIC METER



PLAN VIEW



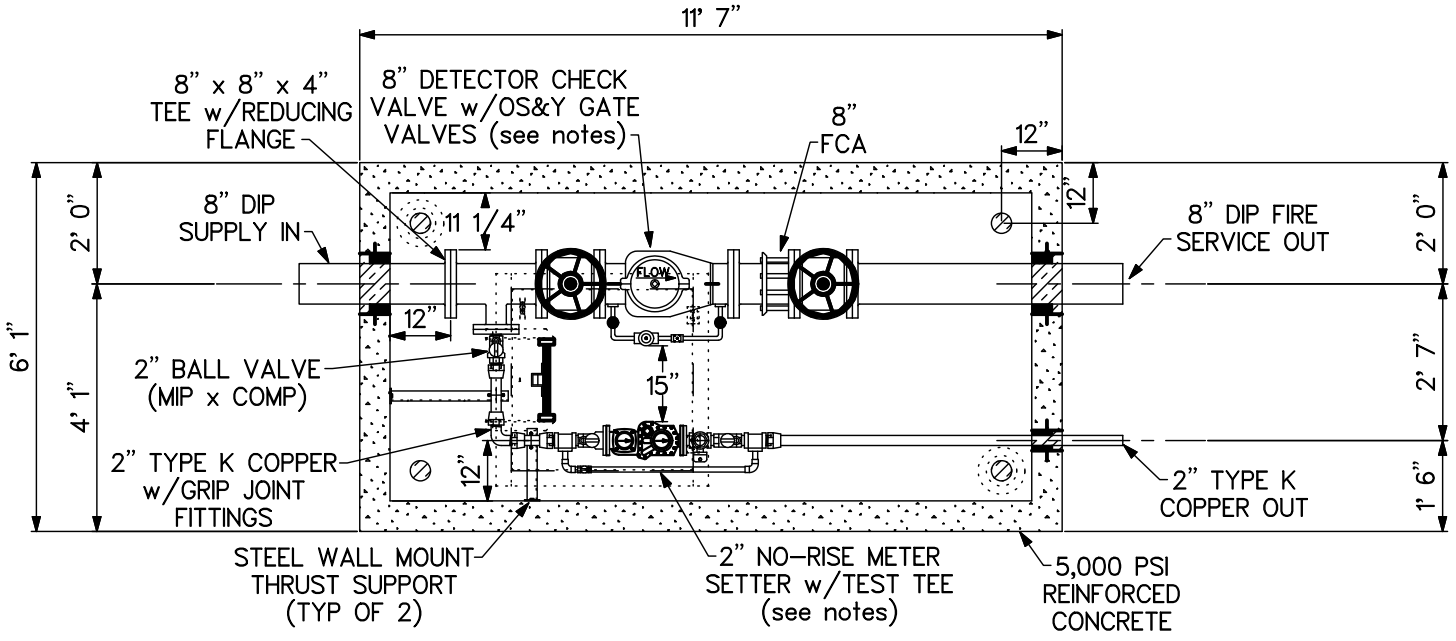
SECTION VIEW

NOTES:
1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 24,000 LBS.
2. 6" AMES 3000SS DOUBLE CHECK DETECTOR ASSEMBLY w/METERED BYPASS
3. 4" METER w/PLATE STRAINER & TOUCHREAD

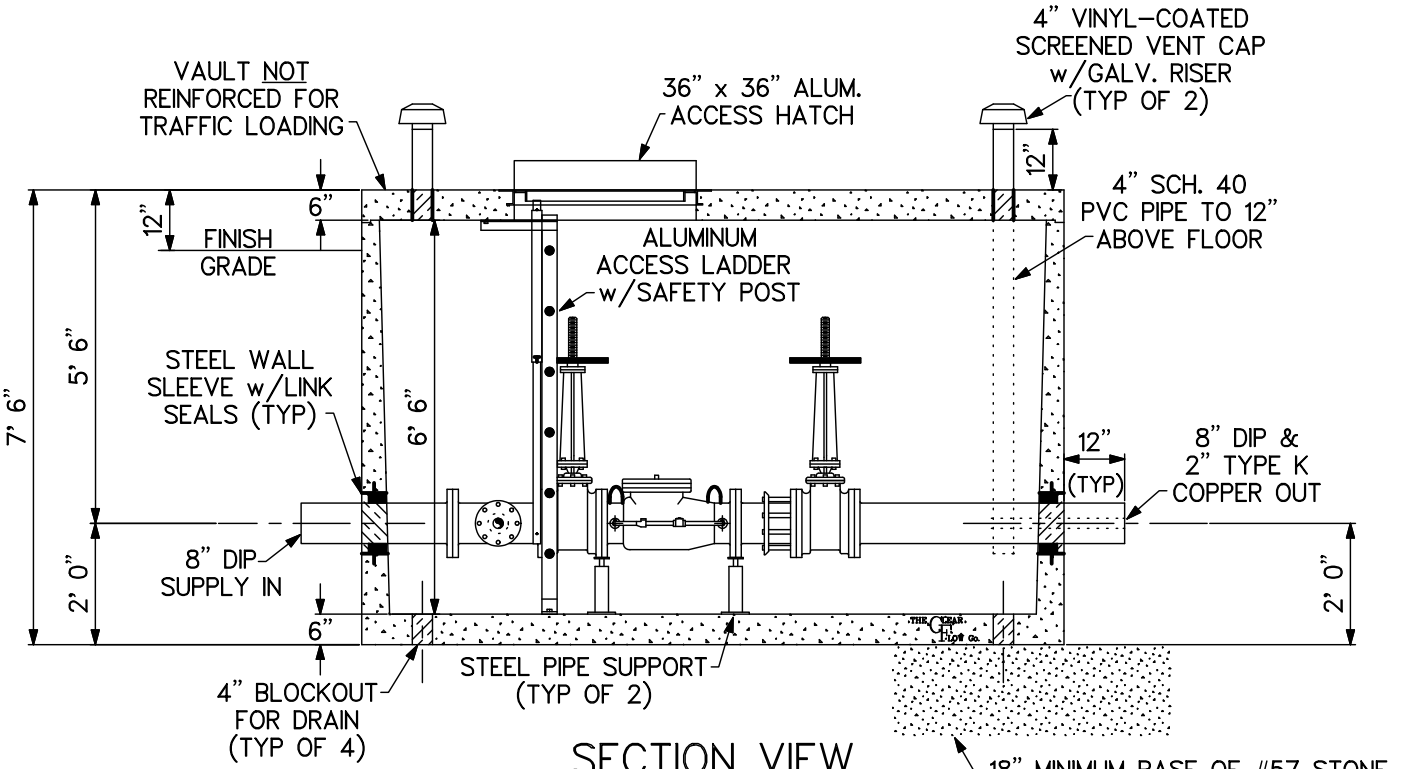
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 3/24/08	DWG: DDC6x4-TJ6x8

6" DDC VAULT w/4" DOMESTIC LINE



PLAN VIEW



SECTION VIEW

18" MINIMUM BASE OF #57 STONE UNDER VAULT & EXTENDING 24" BEYOND VAULT WITH FELT PAPER ON TOP OF EXPOSED STONE PRIOR TO BACKFILL.

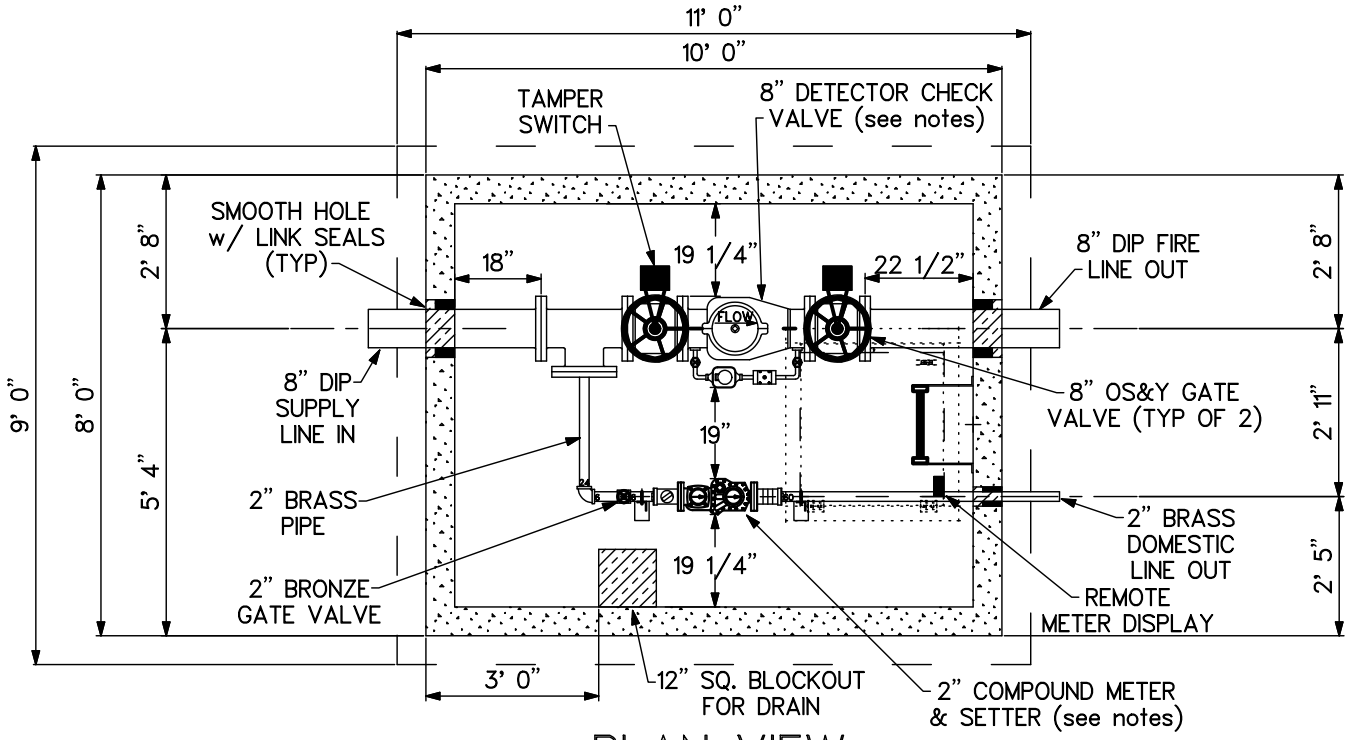
NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 24,000 LBS.
2. 8" DETECTOR CHECK VALVE w/OS&Y GATE VALVES & METERED BYPASS
3. DOMESTIC & BYPASS METERS SUPPLIED BY CCUSA FOR INSTALLATION BY VAULT MANUFACTURER

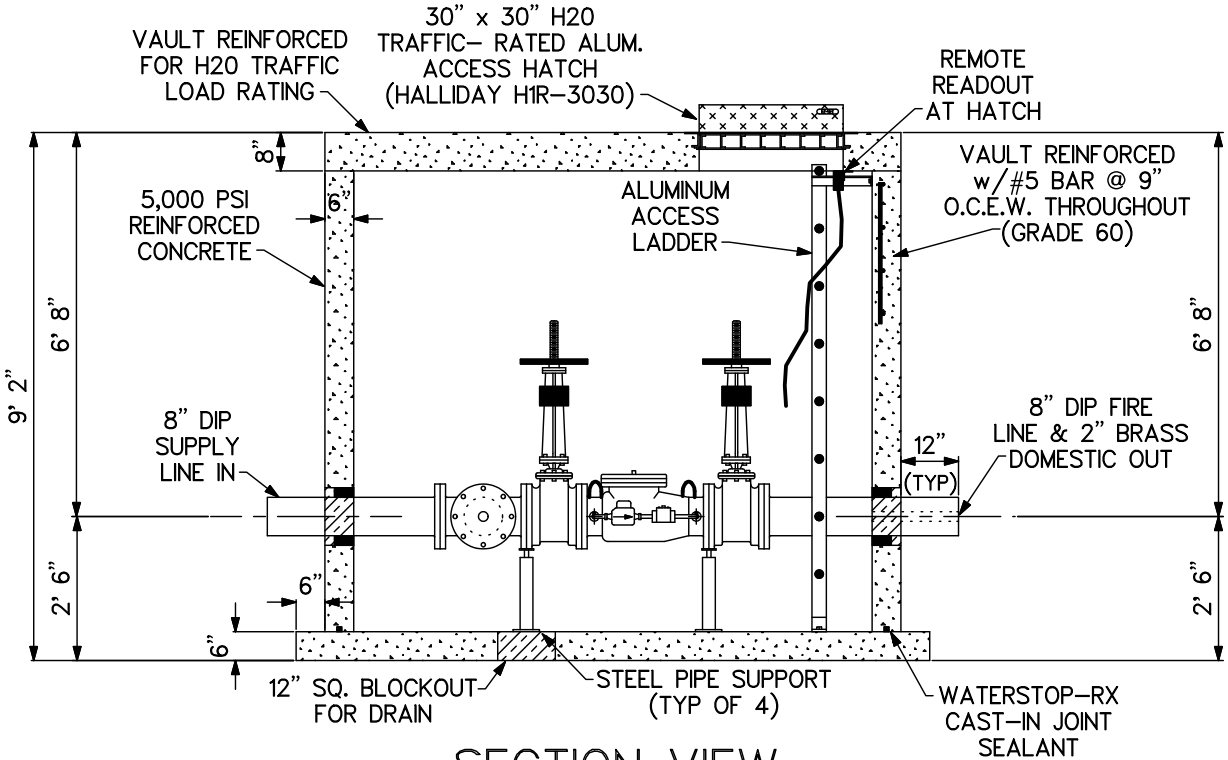
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 5/01/07	DWG: DC8x2-CAMPBELL CO

CAMPBELL COUNTY
8" DCV VAULT w/2" DOMESTIC SERVICE



PLAN VIEW



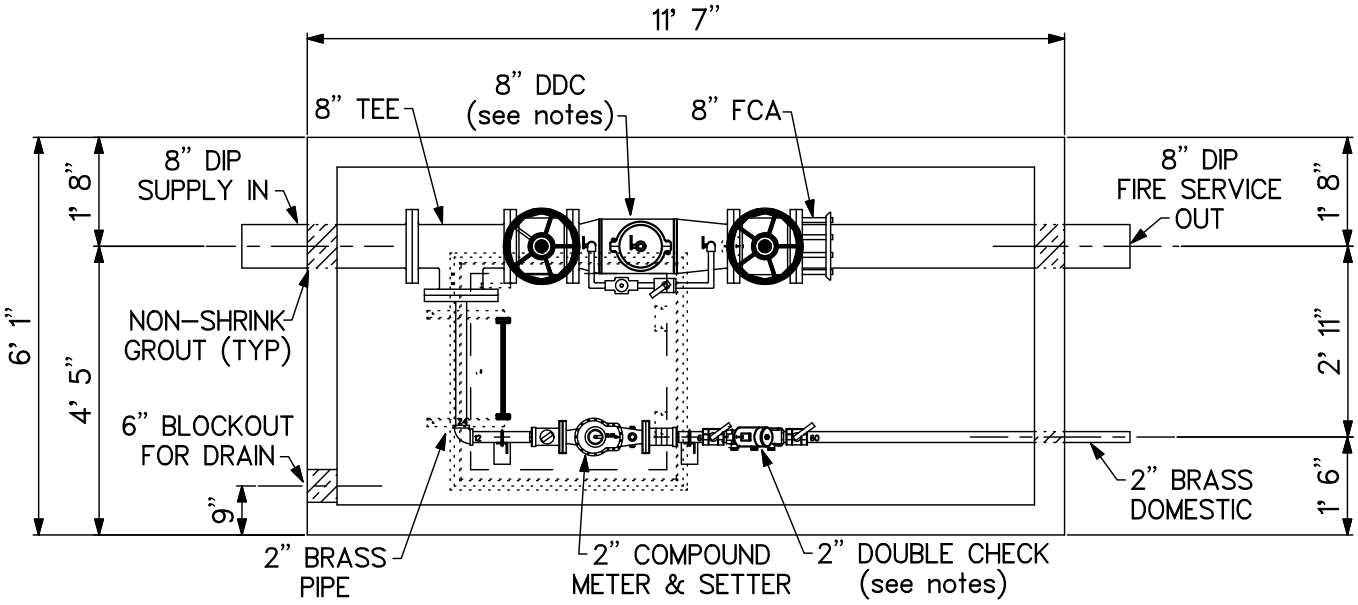
SECTION VIEW

NOTES:
1. VAULT SHIPPED IN SECTIONS TO BE ASSEMBLED BY THE CONTRACTOR w/HEAVIEST LIFT APPROX. 29,000 LBS.
2. 8" AMES 1000SS SINGLE CHECK DETECTOR VALVE w/METERED BYPASS
3. 2" BADGER COMPOUND METER w/REMOTE DISPLAY MOUNTED IN FORD METER SETTER #VBHH77–12B–11–77 (BALL VALVE IN; DUAL CHECK OUT) REMOTE DISPLAY MOUNTED BELOW ACCESS HATCH (GALLONS REGISTER)

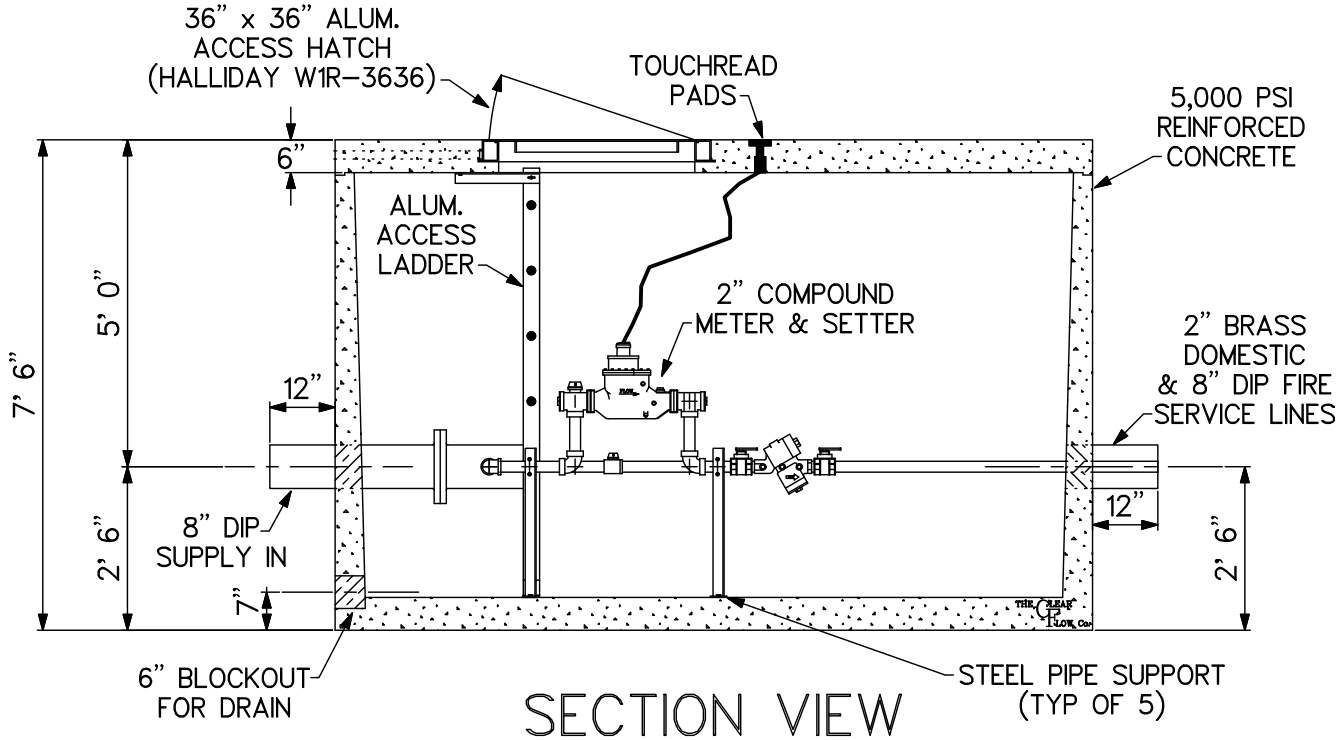
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 – 2678

SCALE: NONE	DATE: 2005	DWG: DC8x2–PULASKI CO

PULASKI COUNTY
8" DCV VAULT w/2" DOMESTIC SERVICE



PLAN VIEW



SECTION VIEW

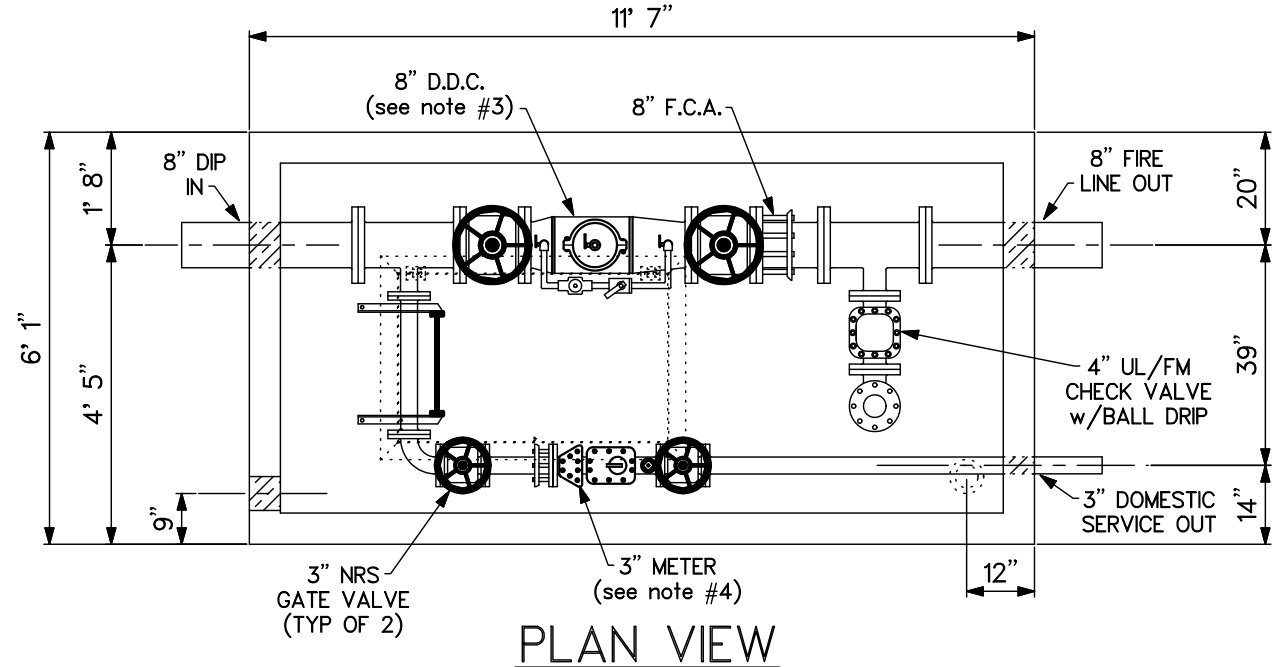
NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 26,000 LBS.
2. 8" AMES MODEL 3000SS DOUBLE CHECK DETECTOR ASSEMBLY w/METERED BYPASS & TOUCHREAD
3. 2" COMPOUND METER w/STRAINER
4. 2" FORD METER SETTER MODEL VBHH77-12B-11-77 (BALL VALE IN & BYPASS, DUAL CHECK OUT)
5. 2" WILKINS 950XL DOUBLE CHECK ASSEMBLY w/BALL VALVES

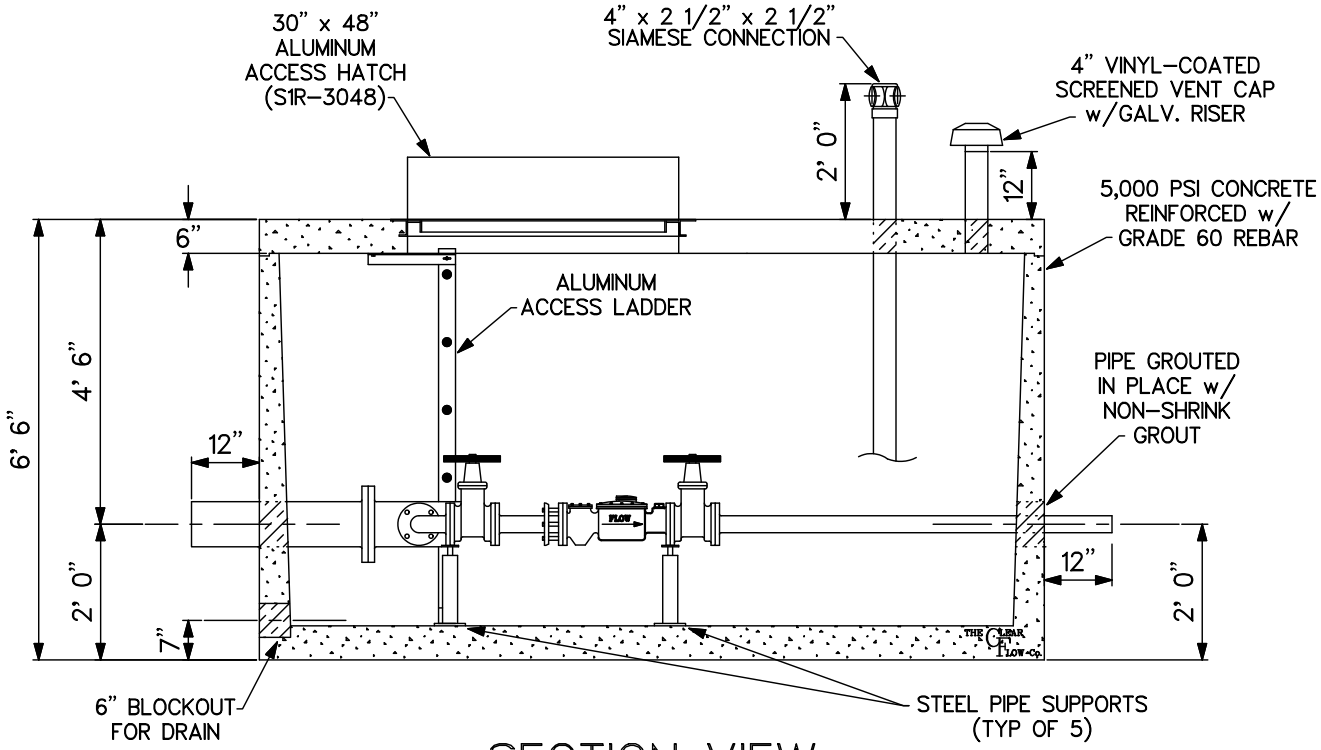
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 9/11/05	DWG: DDC8x2-TJ2500

8" DDC VAULT w/2" DOMESTIC LINE



PLAN VIEW



SECTION VIEW

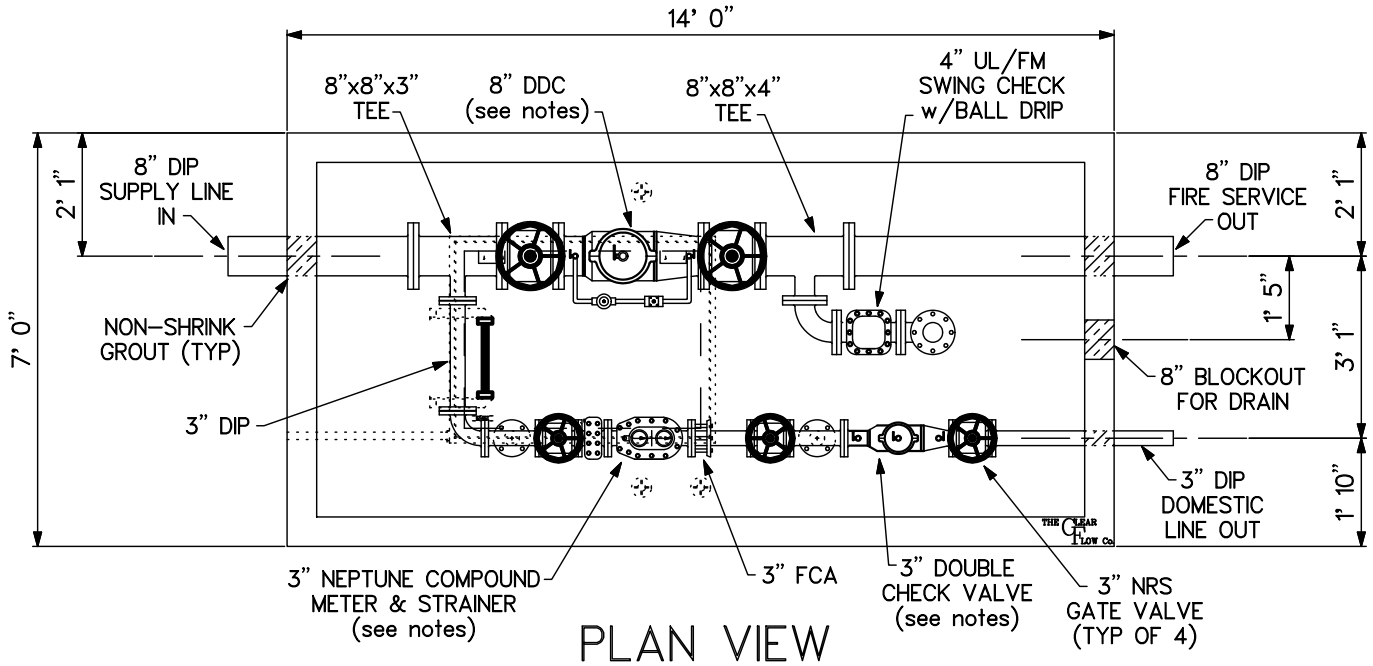
NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 24,000 LBS.
2. VAULT TO BE OFFLOADED & SET w/CONTRACTOR SUPPLIED CRANE
3. 8" AMES MODEL 3000SS DOUBLE DETECTOR CHECK VALVE w/METERED BYPASS
4. 3" SENSUS MODEL W350 DRS TURBO METER w/INTEGRAL STRAINER
5. VAULT ALSO AVAILIBLE WITH H20 (TRAFFIC) LOAD RATING

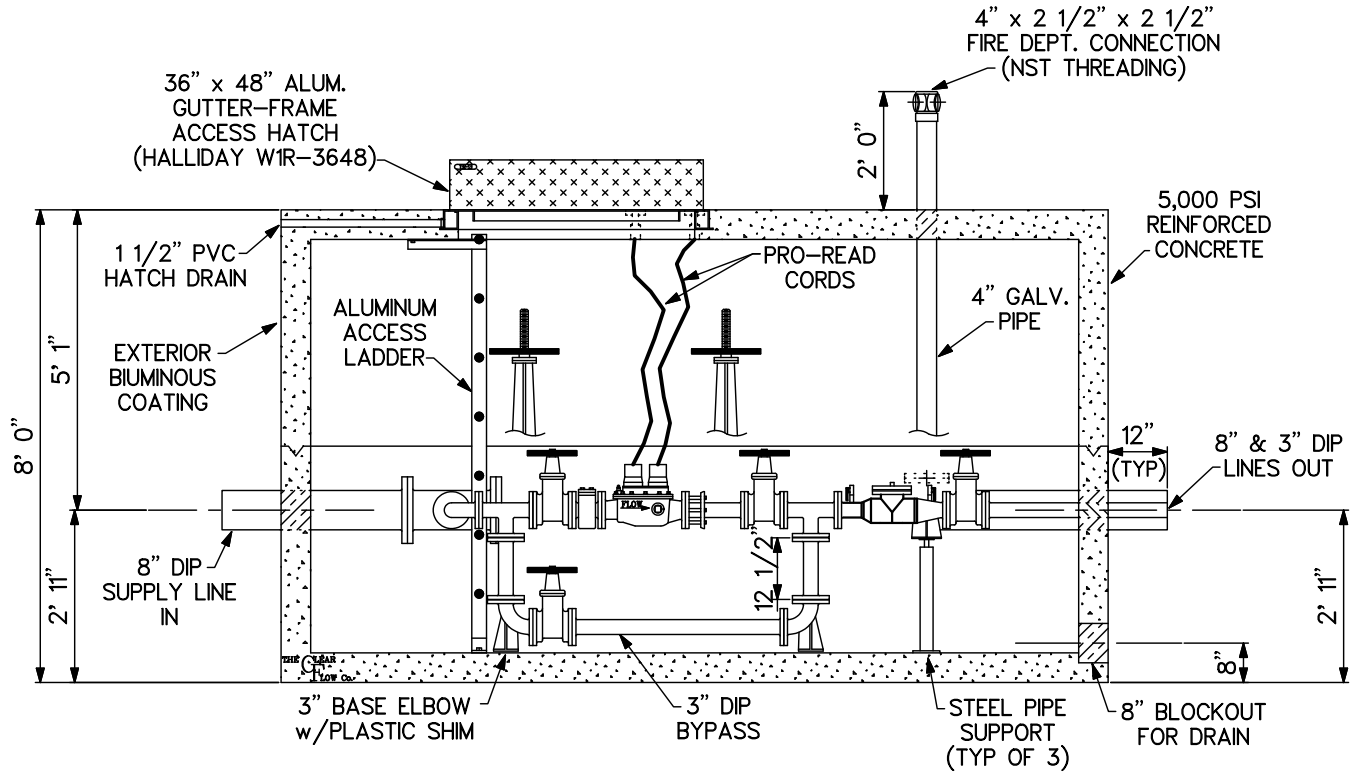
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 1/24/02	DWG: DDC8x3-FDC-TJ2000

8" FIRE SERVICE VAULT w/3" DOMESTIC LINE



PLAN VIEW



SECTION VIEW

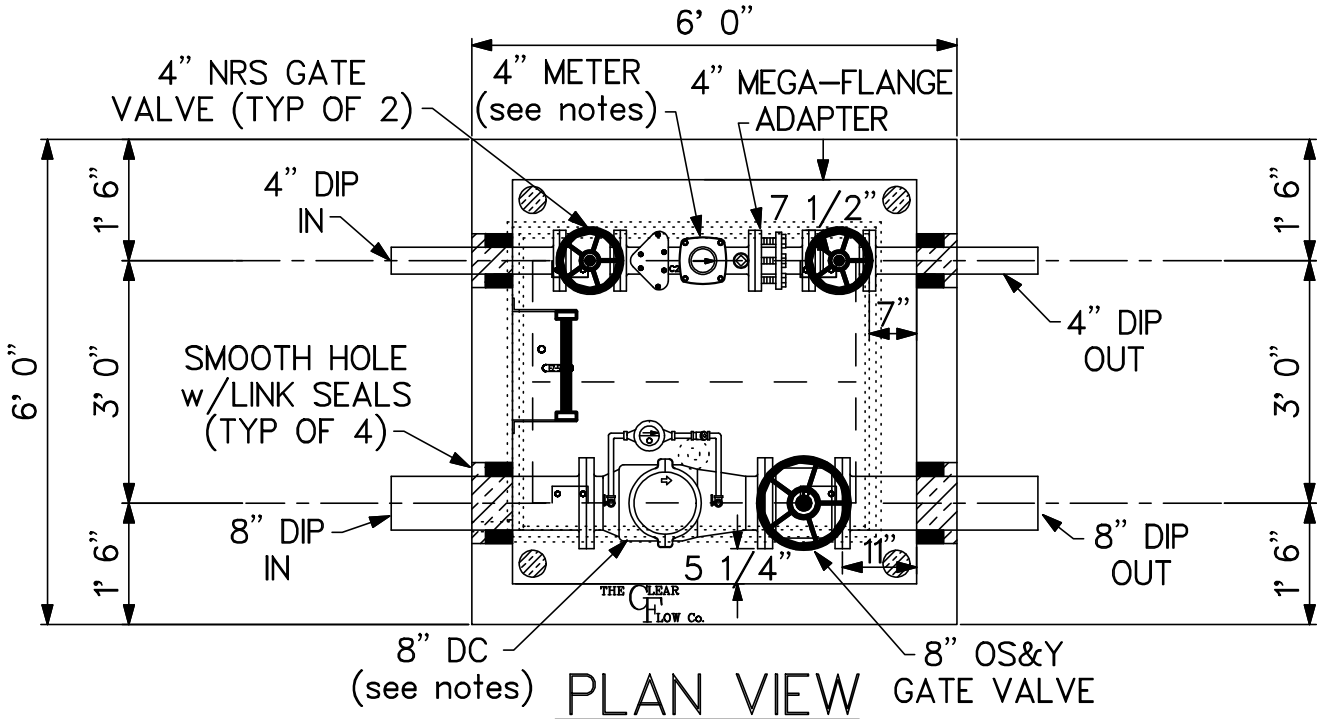
NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 38,000 LBS.
2. 8" AMES 3000SS DOUBLE CHECK DETECTOR ASSEMBLY w/OS&Y GATE VALVES & METERED BYPASS
3. 3" NEPTUNE SRH COMPOUND METER w/PLATE STRAINER& PRO-READ PADS (GALLONS)
4. 3" AMES 2000SS DOUBLE CHECK VALVE (NO BYPASS)

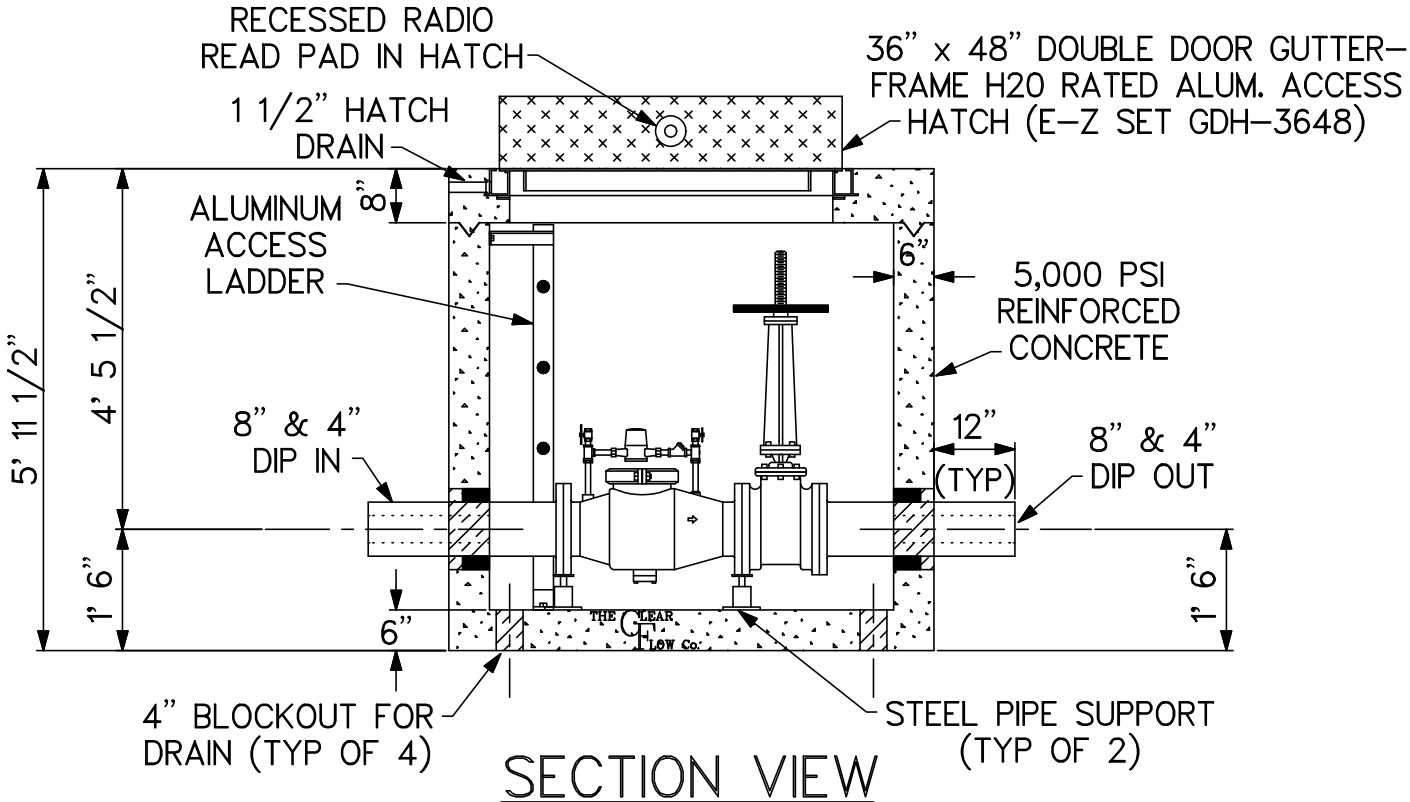
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 2006	DWG: DDC8x3-FRONT ROYAL

FRONT ROYAL
8" x 3" VAULT



PLAN VIEW



SECTION VIEW

NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROX. 16,000 LBS.
2. 8" WILKINS 310DAL SINGLE CHECK DETECTOR ASSEMBLY w/OS&Y GATE VALVE
3. 4" METER SUPPLIED TO CLEAR FLOW BY THE WESTERN VA WATER AUTHORITY

DESIGN		
DRAWN	STEVEN L. GORDON	
REVISIONS		DATE
DBL. DOOR HATCH; 12" SHORTER		11/15/07
BYPASS SIDE		12/08/08
WILKINS 310DAL SINGLE CHECK		1/05/11
SENSUS OMNI & iPERL METERS		3/19/12
RECESSED RADIO READ IN HATCH		9/28/12

* PRINTOUT NOT TO ANY SCALE *

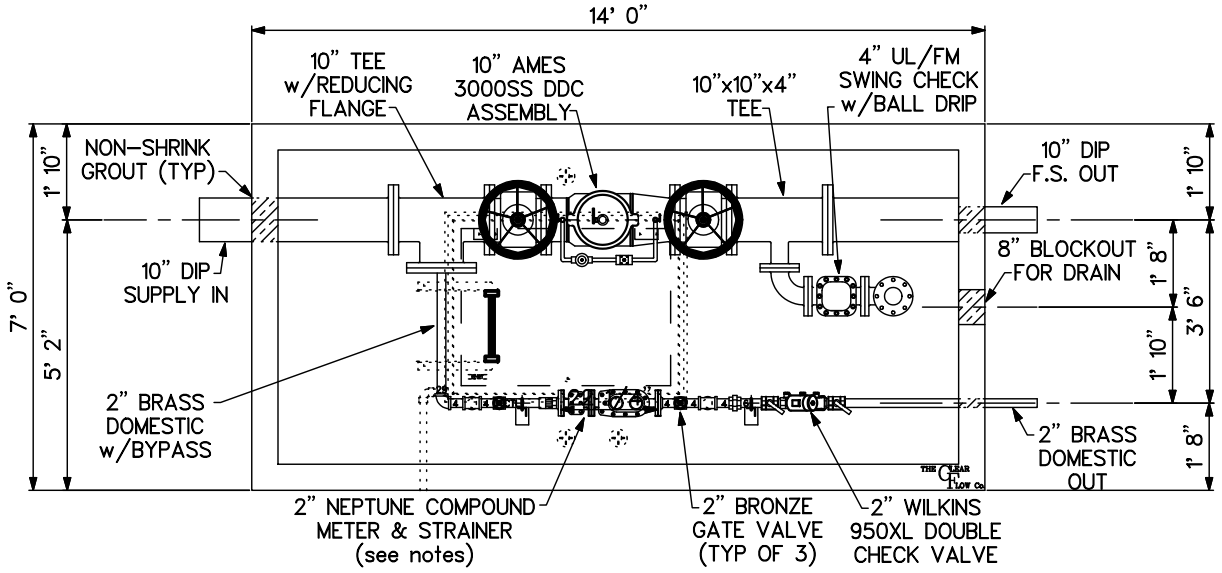
CLEAR FLOW BY AMERICAST

210 STONE SPRING ROAD
HARRISONBURG, VA 22801
(540) 434 - 2130

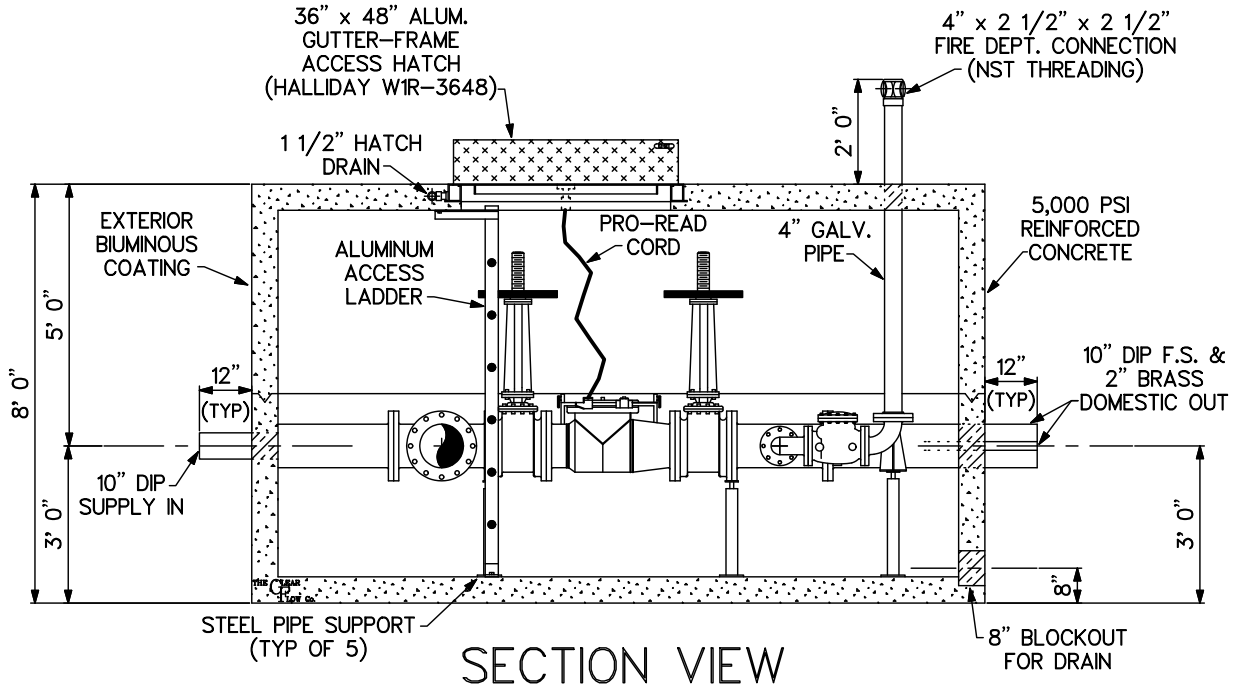
REF. NO. GLENVAR HS-WVWA DC8x4

ROANOKE COUNTY, VIRGINIA

GLENVAR HIGH SCHOOL
8" DC VAULT w/ 4" DOMESTIC METER

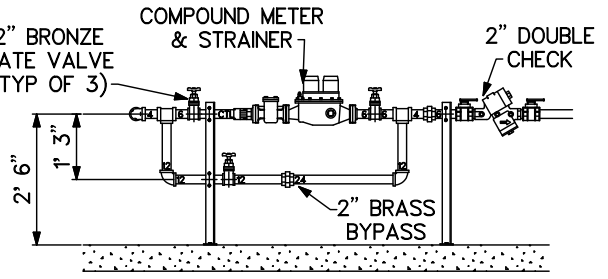


PLAN VIEW



SECTION VIEW

NOTES:
1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 40,000 LBS.
2. 10" AMES 3000SS DOUBLE CHECK DETECTOR ASSEMBLY w/METERED BYPASS & PRO-READ (GALLONS)
3. 2" WILKINS 950XL DOUBLE CHECK VALVE w/BALL VALVES
4. 2" NEPTUNE COMPOUND METER & STRAINER w/PRO-READ (GALLONS)

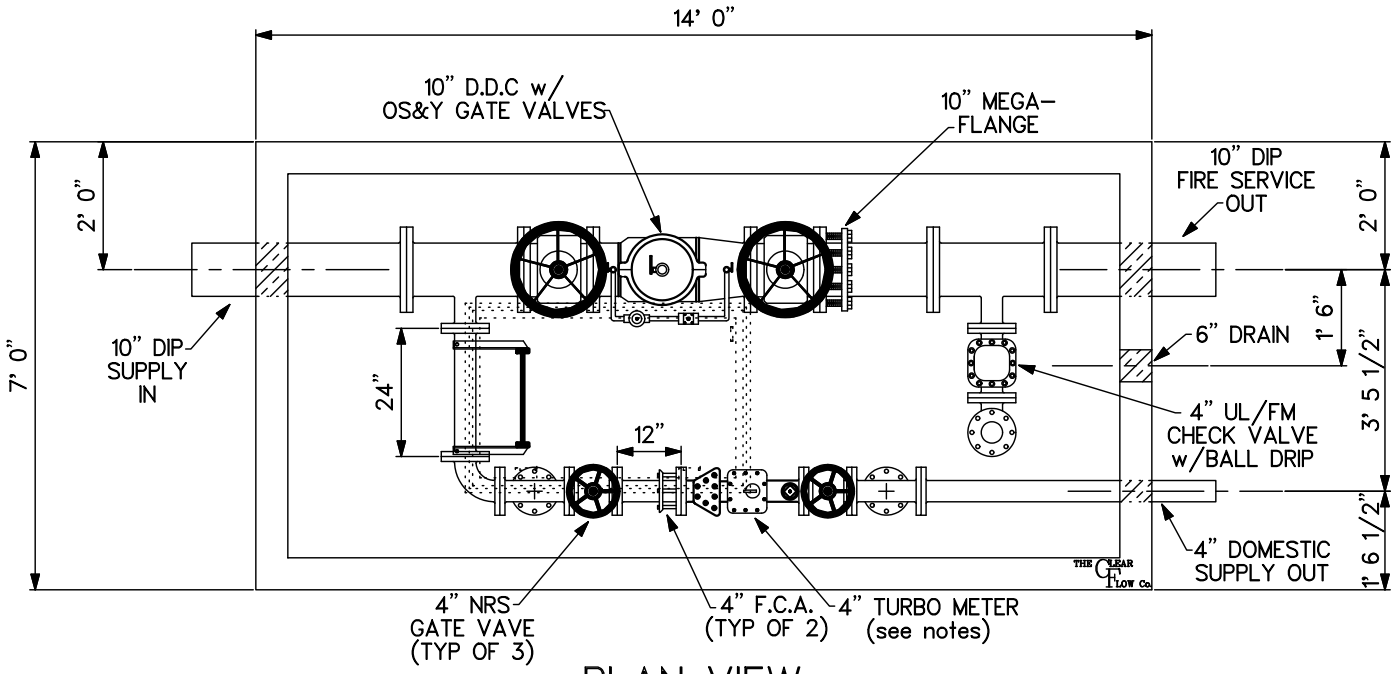


2" DOMESTIC DETAIL

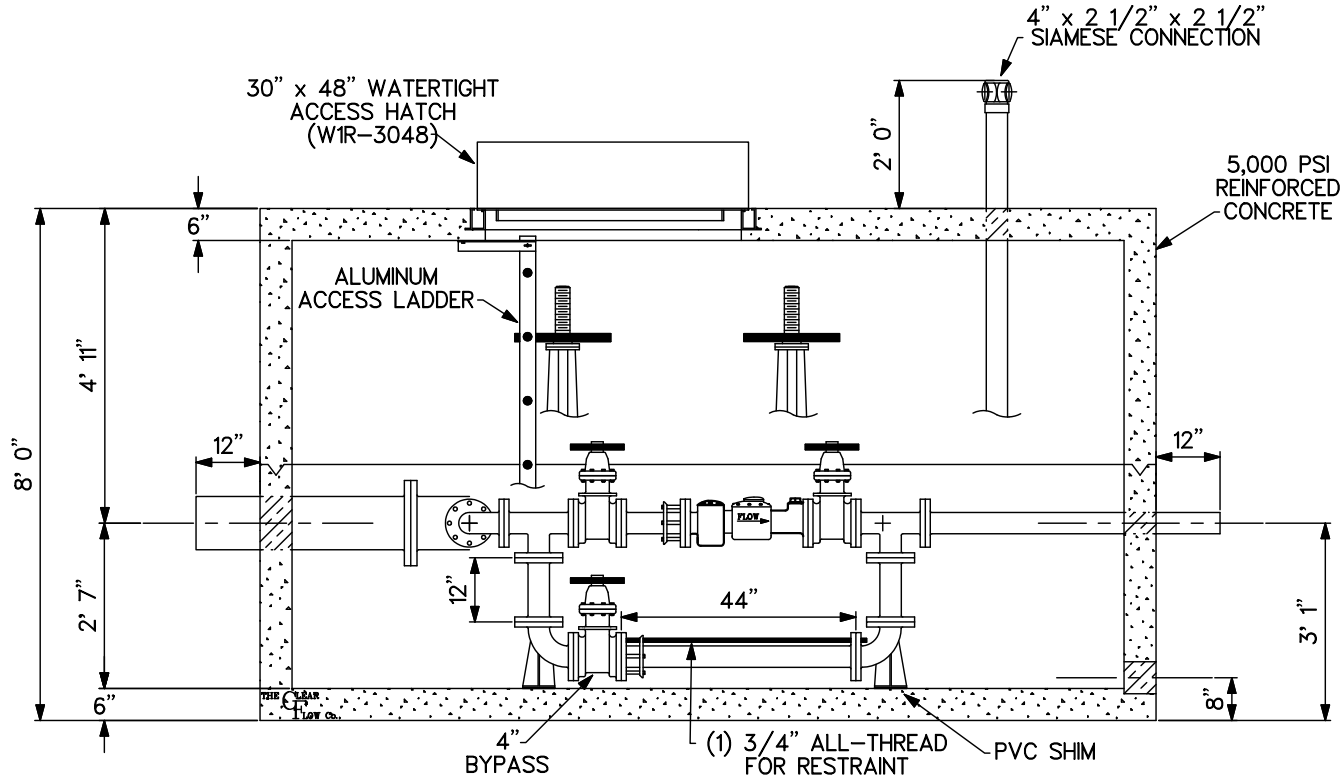
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 5/07/08	DWG: DDC10x2-FRONT ROYAL

FRONT ROYAL
10" x 2" DDC VAULT



PLAN VIEW



SECTION VIEW

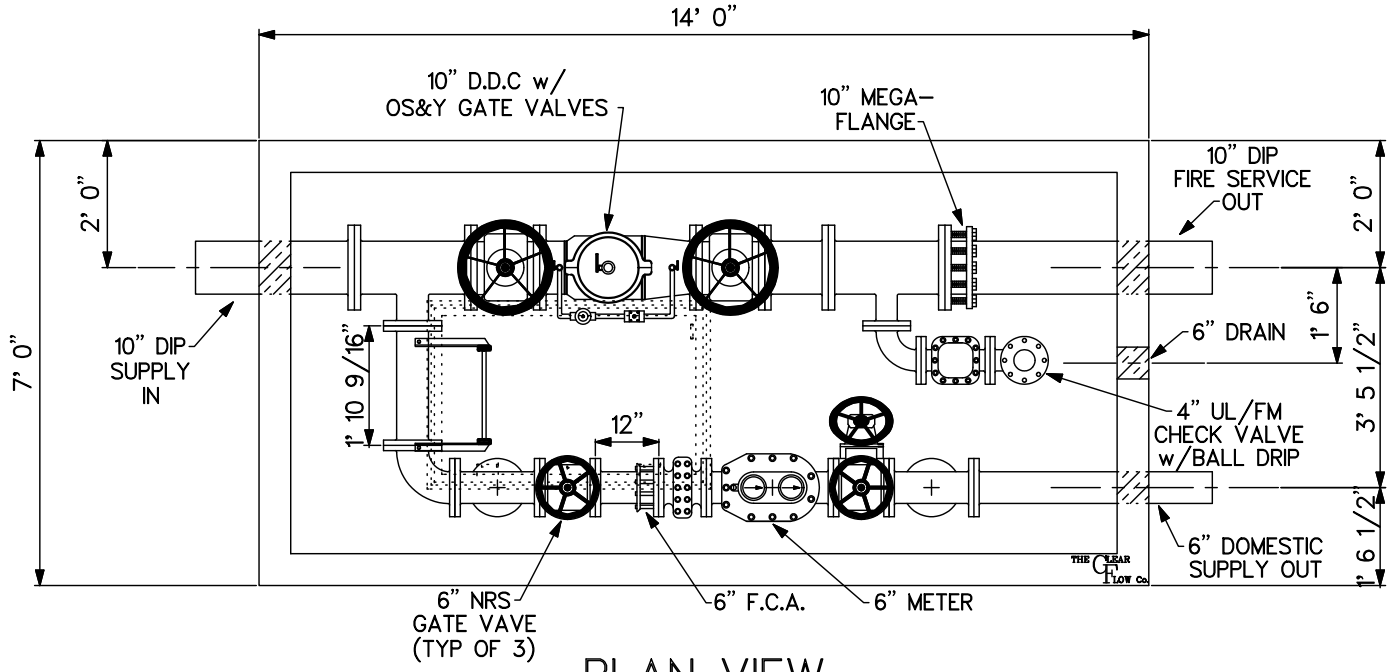
NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 40,000 LBS
2. 10" AMES 3000SS DOUBLE CHECK DETECTOR ASSEMBLY w/TOUCHREAD
3. 4" METER w/STRAINER

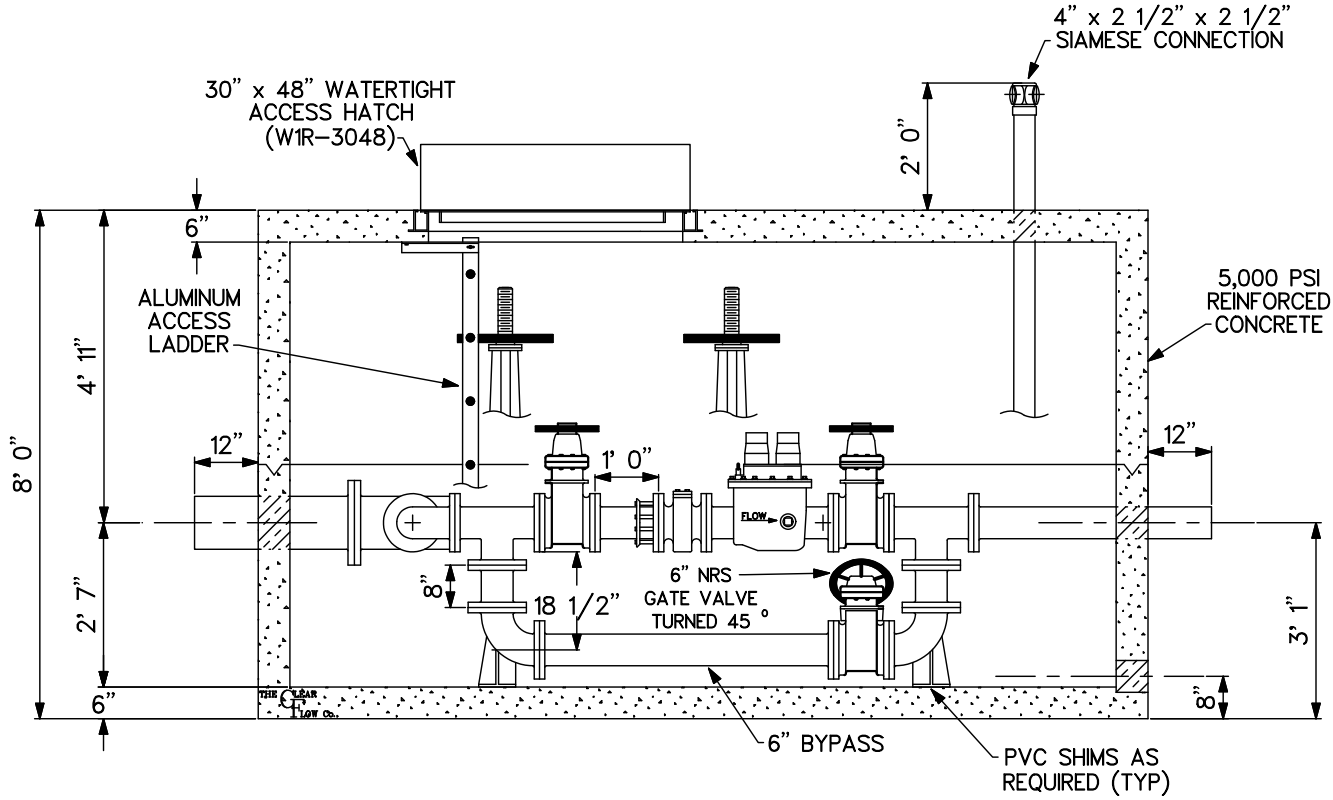
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 7/10/98	DWG: DDC10x4-FDC-3500

10" DDC VAULT
w/4" DOMESTIC METER



PLAN VIEW



SECTION VIEW

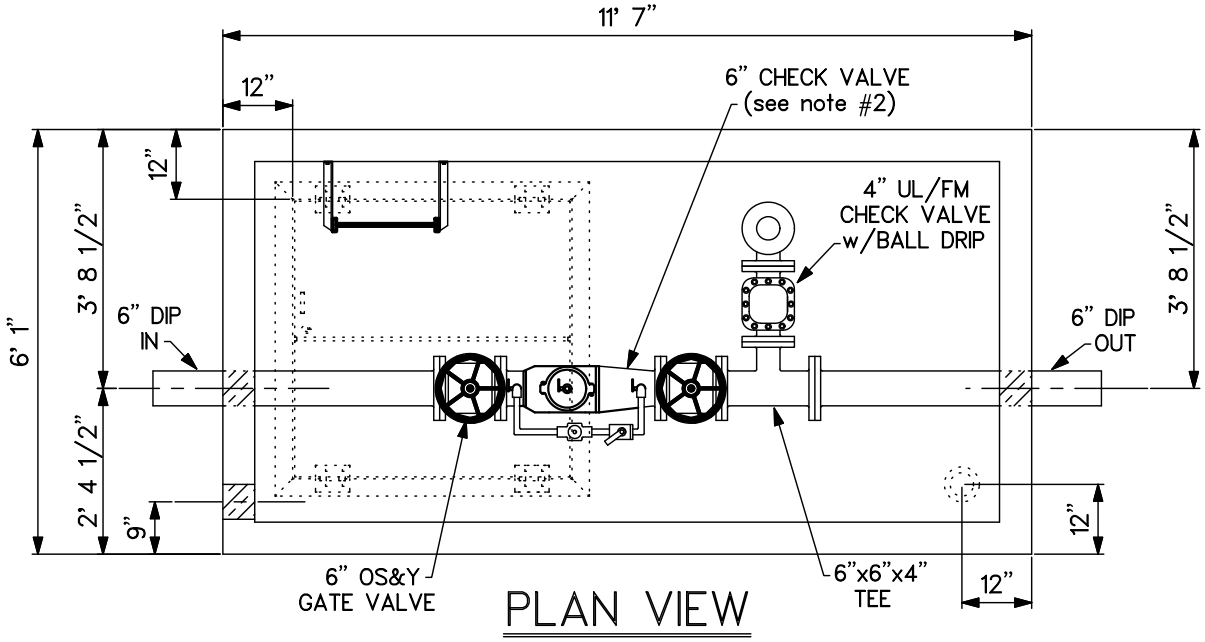
NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 40,000 LBS
2. 10" AMES 3000SS DOUBLE CHECK DETECTOR ASSEMBLY w/TOUCHREAD
3. 6" METER AS REQUIRED BY LOCALITY

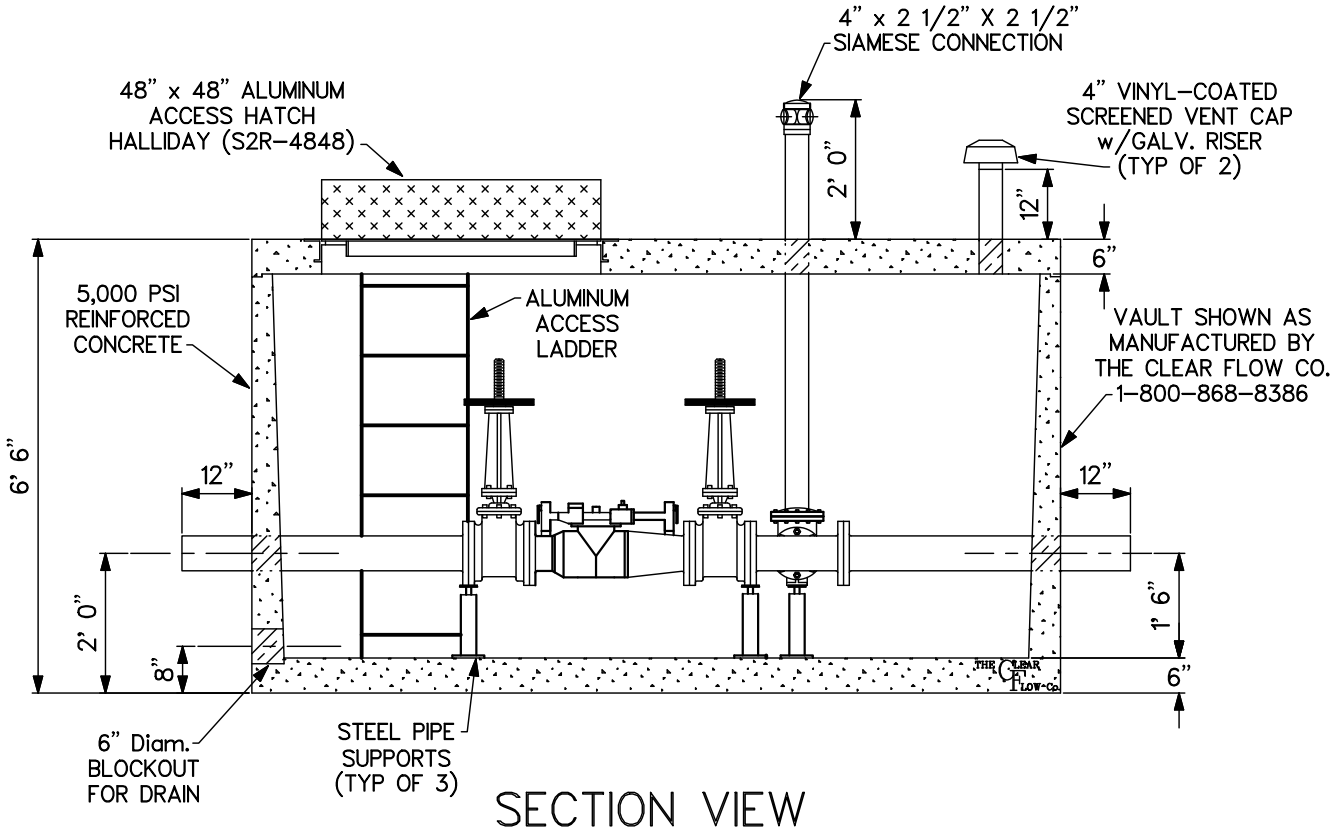
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 9/30/99	DWG: DDC10x6-FDC-3500

10" DDC VAULT
w/6" DOMESTIC METER



PLAN VIEW



SECTION VIEW

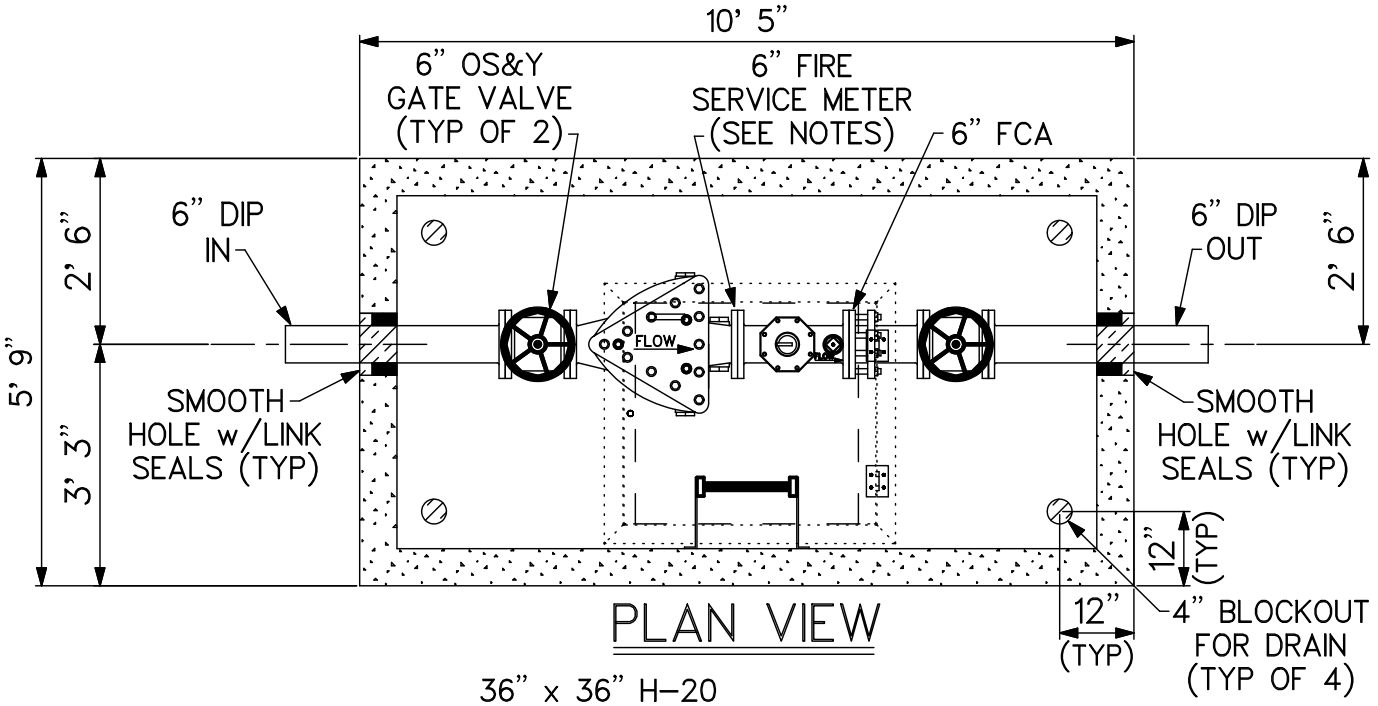
NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 24,000 LBS.
2. 6" AMES MODEL 3000SS DOUBLE DETECTOR CHECK w/METERED BYPASS
3. ALSO AVAILIBLE WITH H20 LOAD RATING

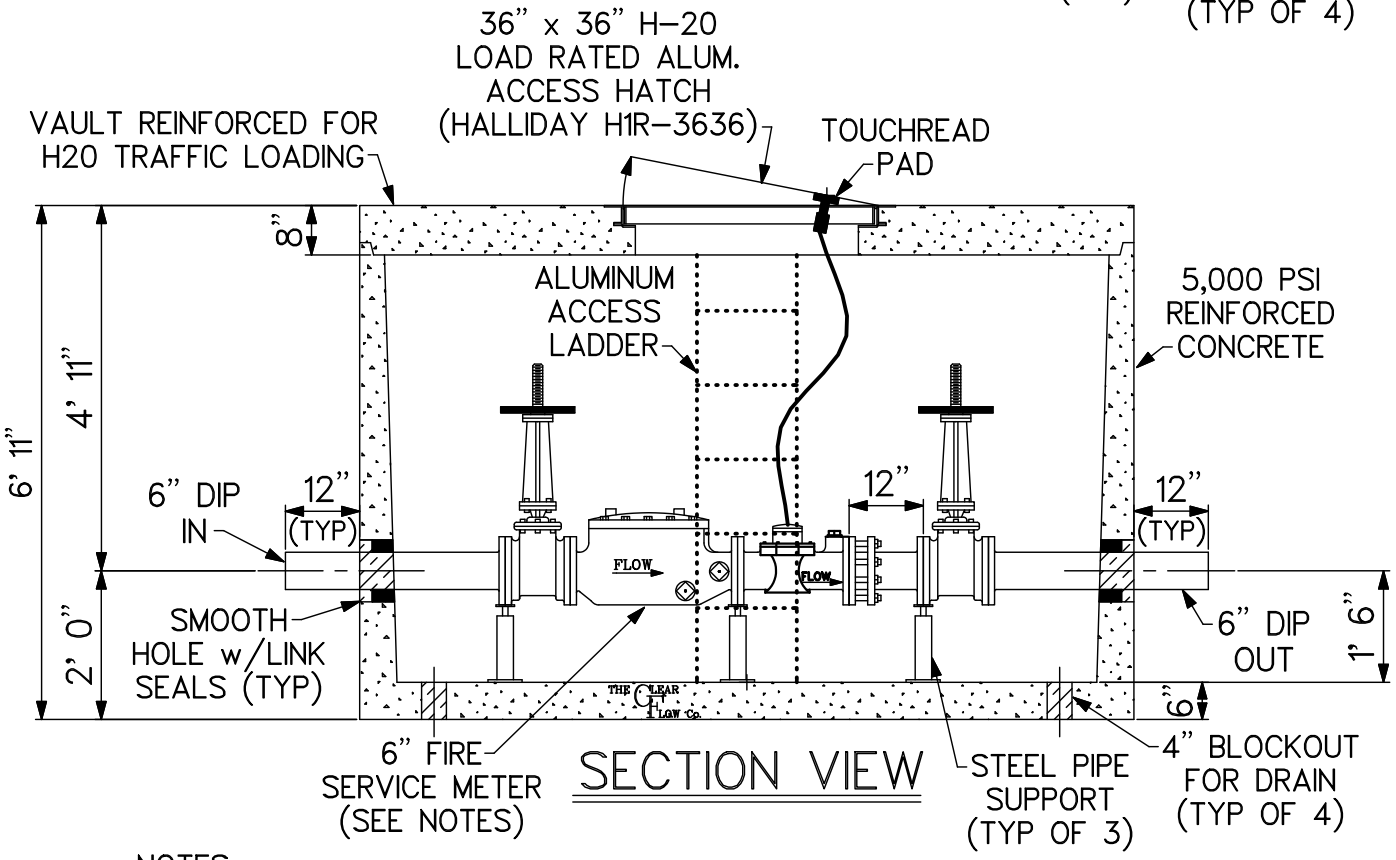
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 7/08/98	DWG: DDC6-FDC-TJ2000

6" FIRE SERVICE VAULT w/FIRE DEPT. CONNECTION



PLAN VIEW



SECTION VIEW

NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED APPROXIMATELY 25,000 LBS.
2. 6" SENSUS OMNI F2 FIRE SERVICE METER (UL & FM STRAINER)

DESIGN		
DRAWN	VITALIY S. KIRILYUK	
REVISIONS		DATE

* PRINTOUT NOT TO ANY SCALE *

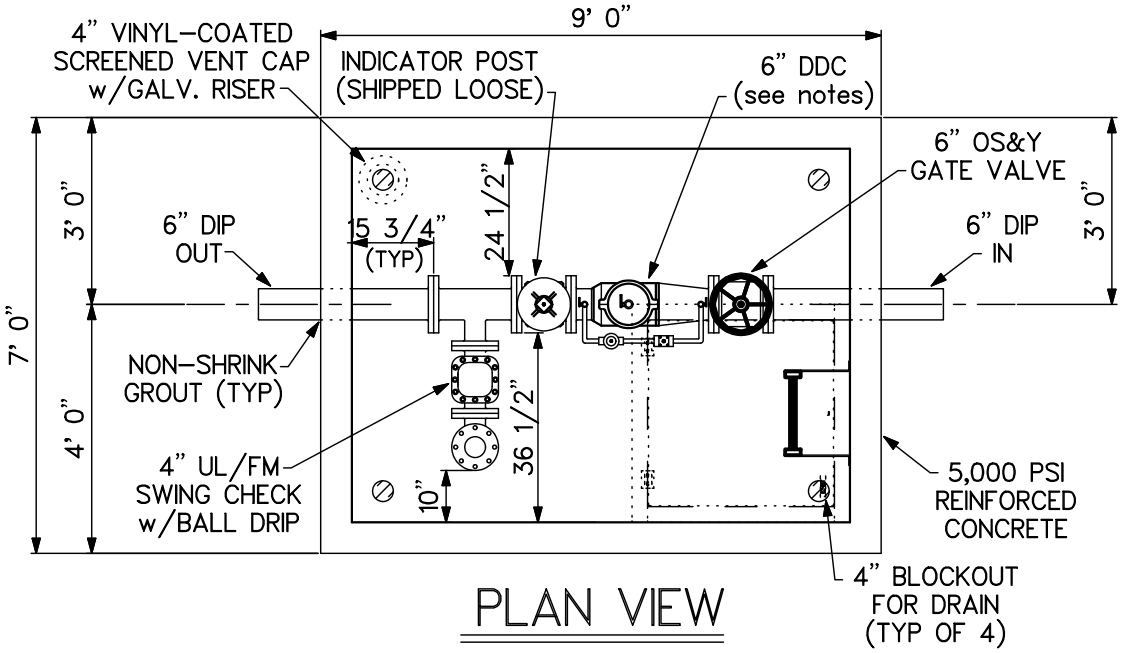
CLEAR FLOW BY CP&P
CONCRETE PIPE & PRECAST, LLC
210 STONE SPRING ROAD
HARRISONBURG, VA 22801
(540) 434 - 6979

REF. NO.

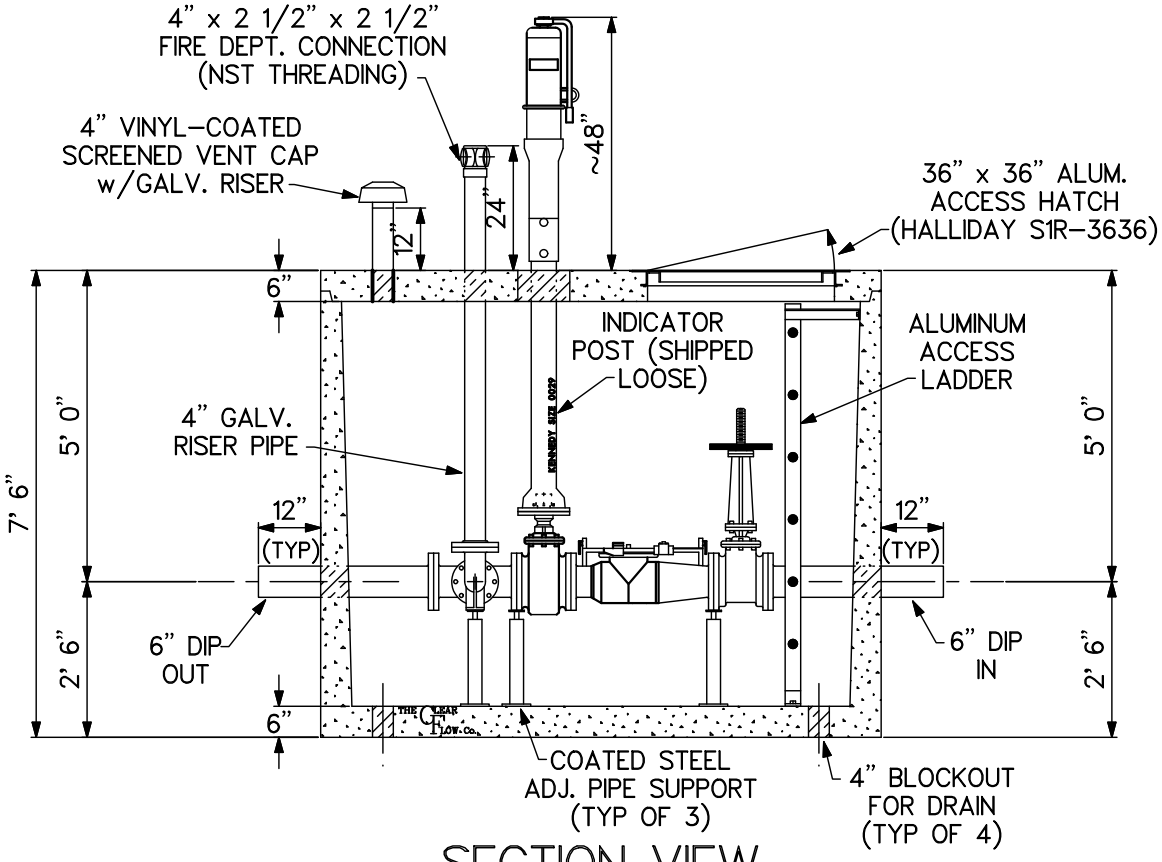
VIRGINIA

6" FIRE SERVICE METER VAULT

.



PLAN VIEW



SECTION VIEW

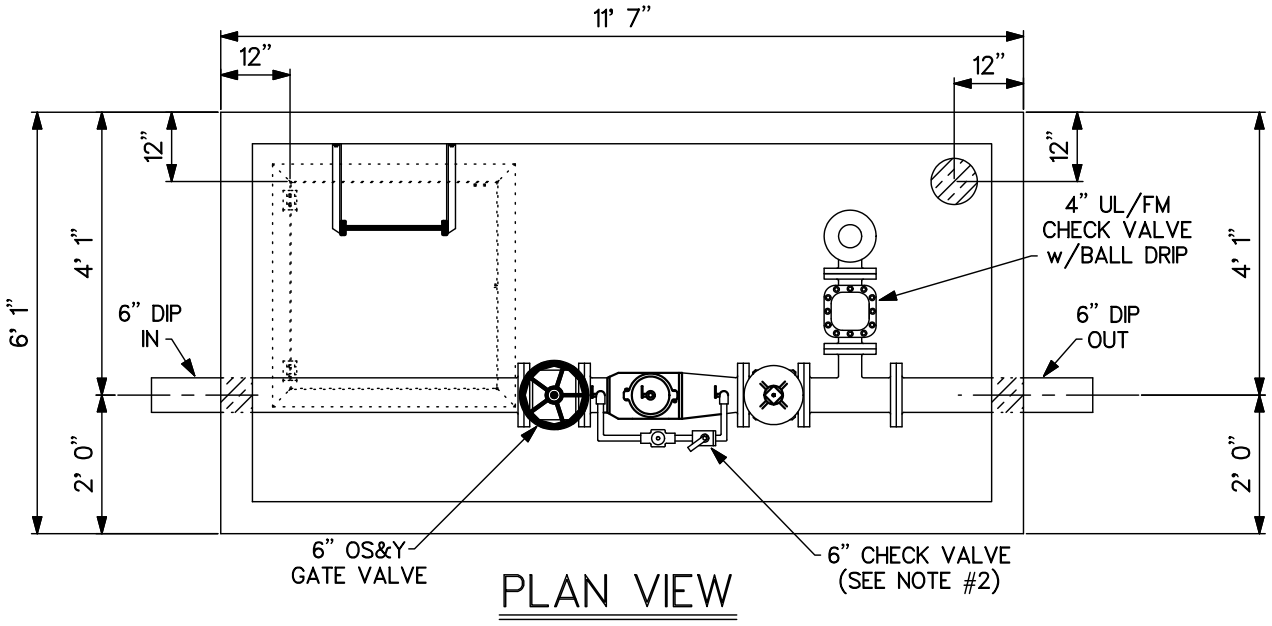
NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 24,000 LBS.
2. 6" AMES 3000SS DOUBLE CHECK VALVE w/METERED BYPASS
3. INDICATOR POST SHOWN AT MAX HEIGHT. POST SHIPPED LOOSE FOR CONTRACTORS ON-SITE INSTALLATION DUE TO SHIPPING HEIGHT RESTRICTIONS

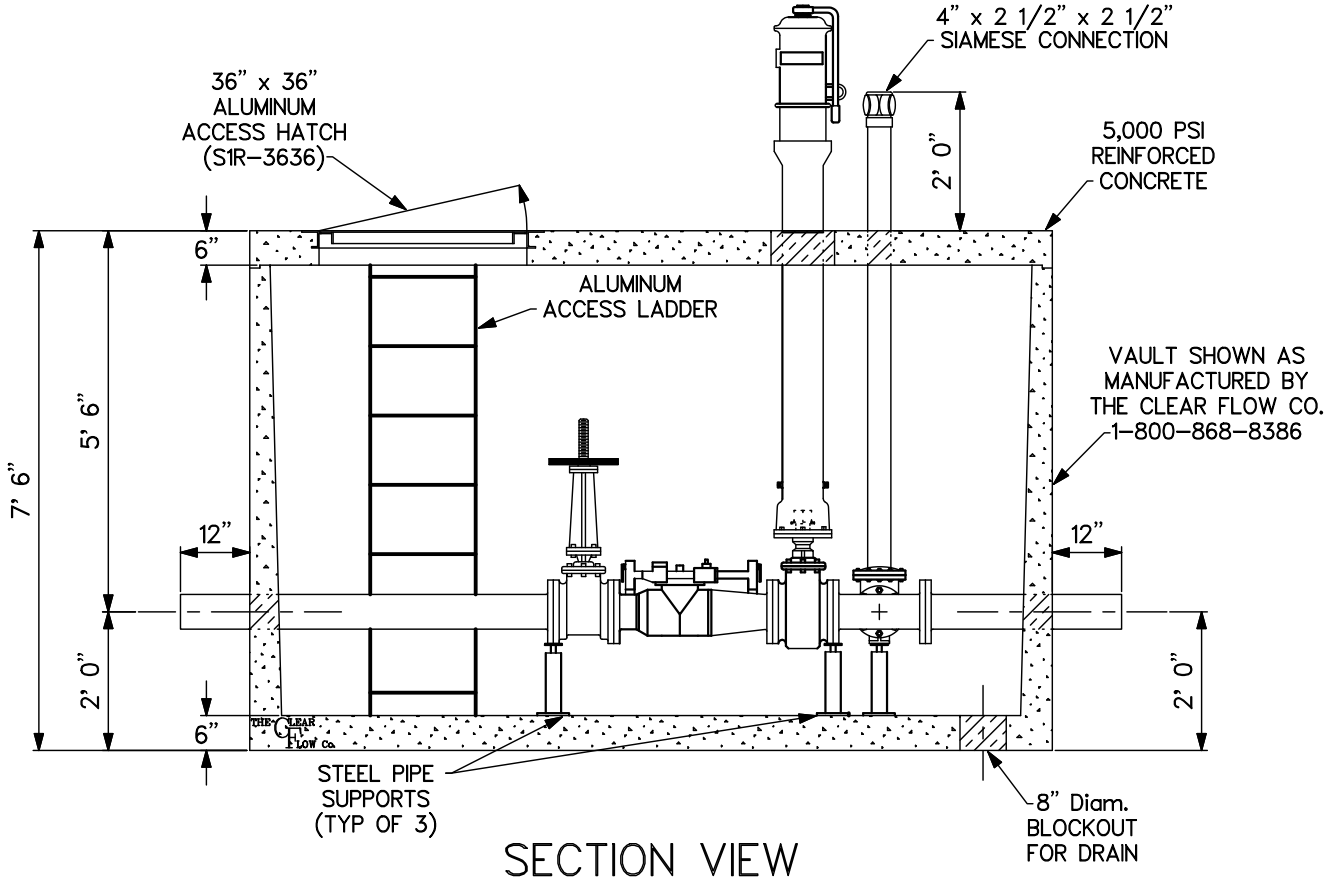
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 5/01/06	DWG: DDC6-FDC-INDPOST-TJ6x8

6" FIRE SERVICE VAULT w/INDICATOR POST & FIRE DEPT. CONNECTION (TJ-6x8 VAULT)



PLAN VIEW



SECTION VIEW

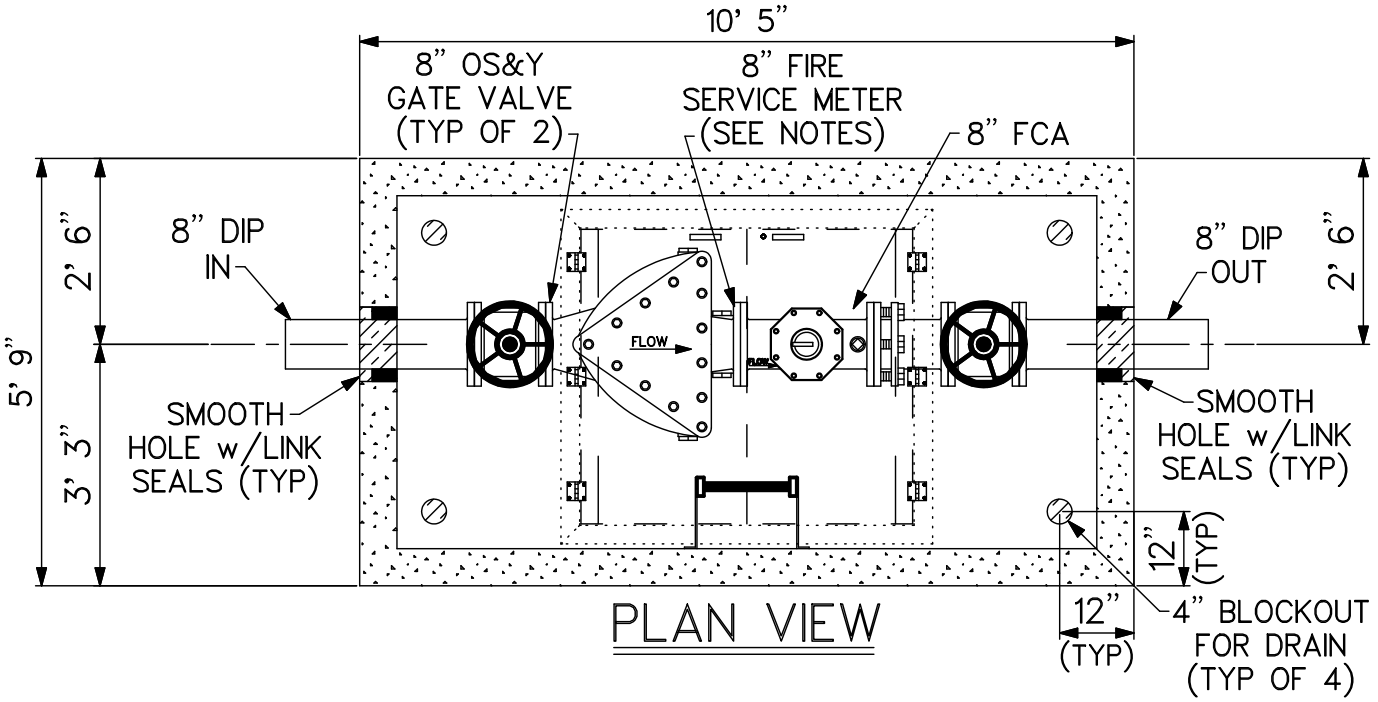
NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 24,000 LBS.
2. 6" AMES MODEL 3000SS DOUBLE DETECTOR CHECK w/METERED BYPASS
3. INDICATOR POST SHIPPED LOOSE FOR INSTALLATION BY CONTRACTOR

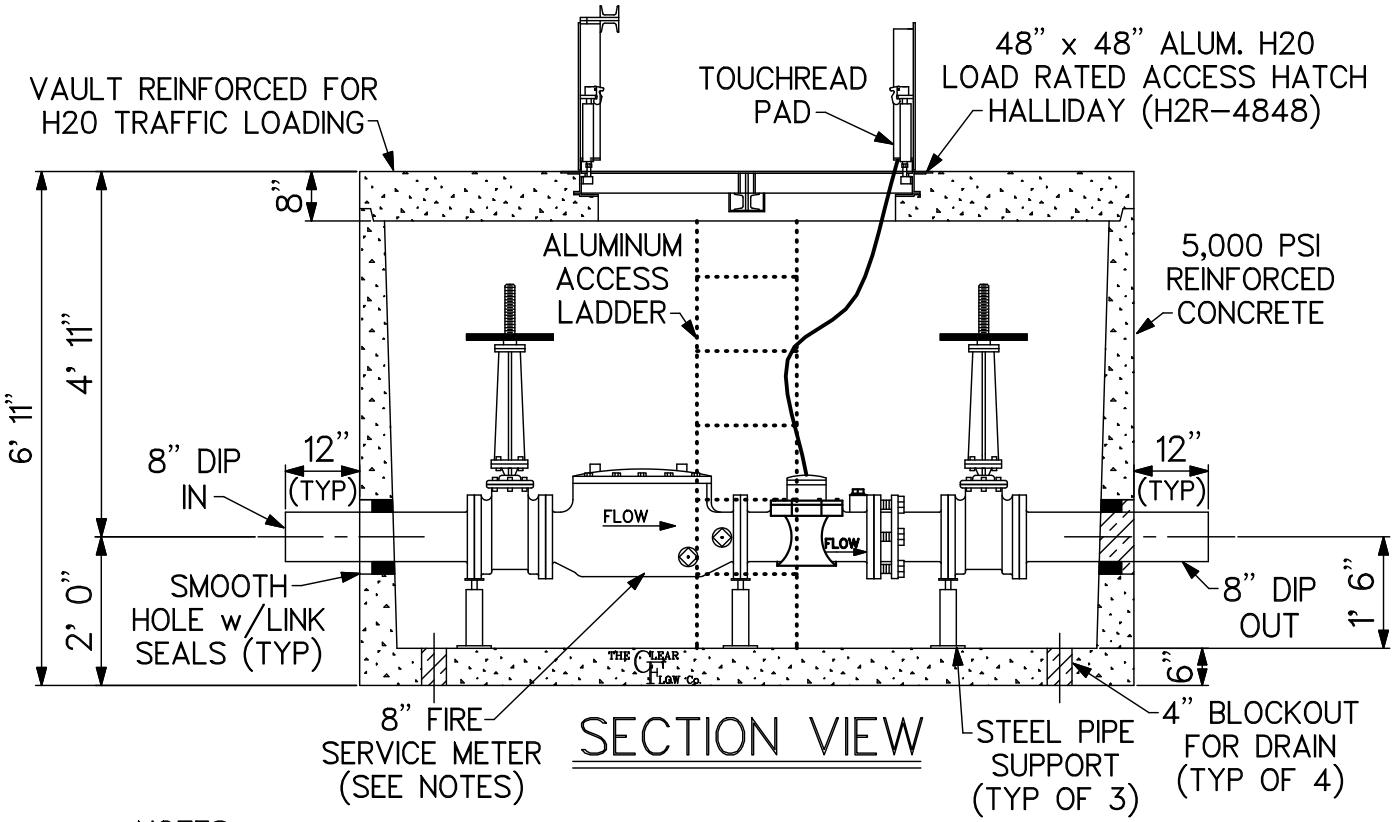
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 10/31/96	DWG: DDC6-FDC-INDPOST-TJ-2500

6" FIRE SERVICE VAULT w/INDICATOR POST & FIRE DEPT. CONNECTION (TJ-2500 VAULT)



PLAN VIEW



SECTION VIEW

NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED APPROXIMATELY 26,000 LBS.
2. 8" SENSUS OMNI F2 FIRE SERVICE METER (UL & FM STRAINER)

DESIGN		
DRAWN	VITALIY S. KIRILYUK	
REVISIONS		DATE
* PRINTOUT NOT TO ANY SCALE *		

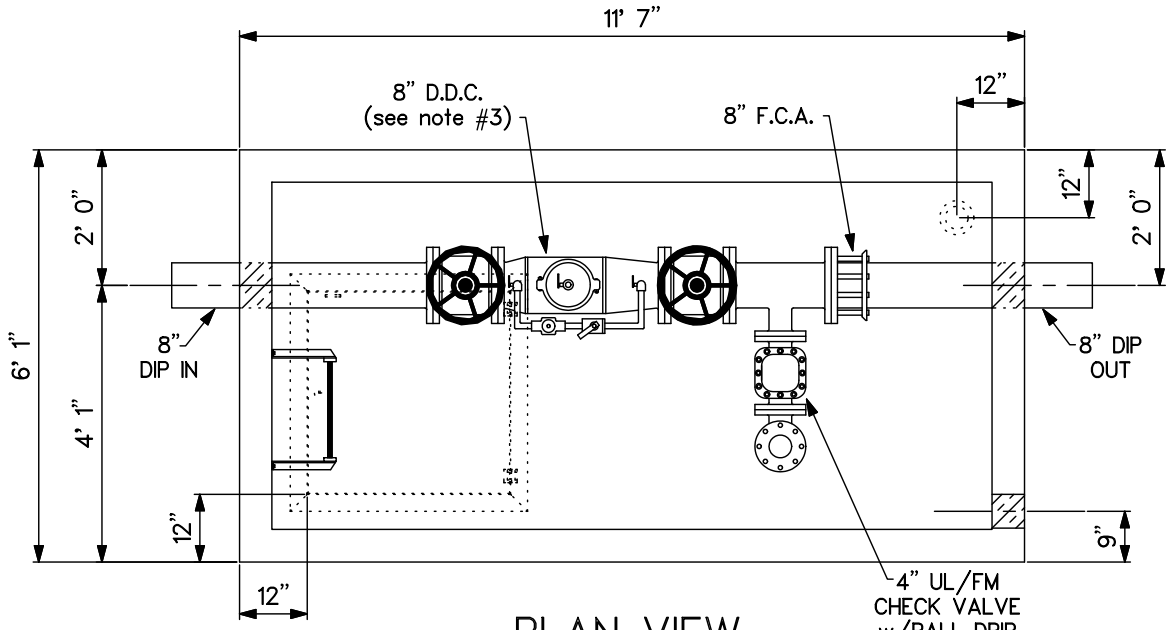
CLEAR FLOW BY CP&P
CONCRETE PIPE & PRECAST, LLC
210 STONE SPRING ROAD
HARRISONBURG, VA 22801
(540) 434 - 6979

REF. NO.

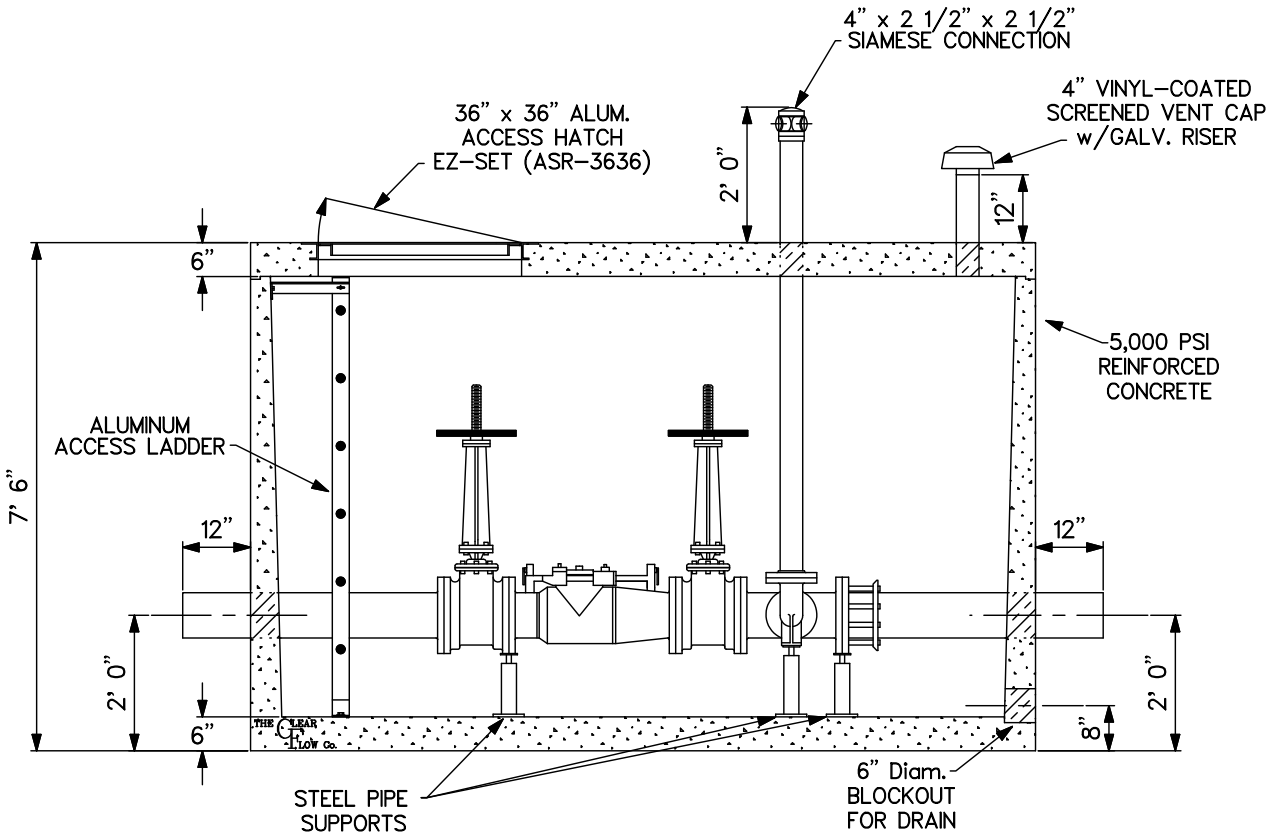
VIRGINIA

8" FIRE SERVICE METER VAULT

.



PLAN VIEW



SECTION VIEW

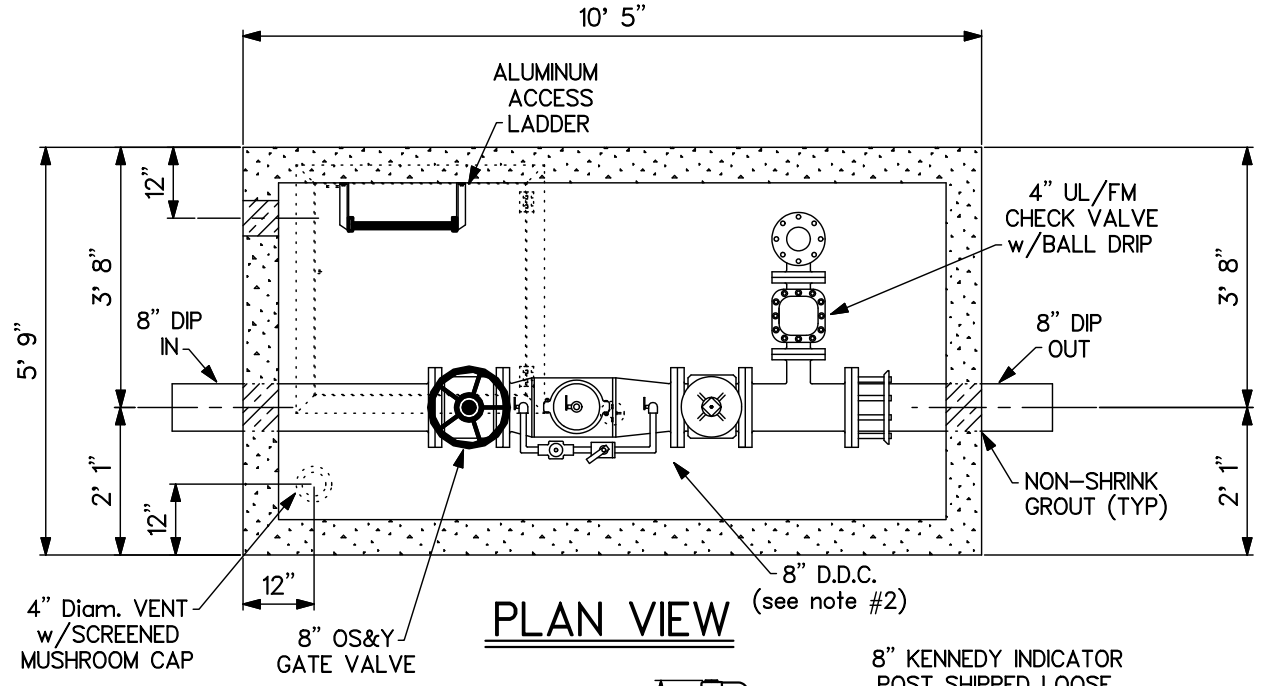
NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WITH HEAVIEST LIFT APPROXIMATELY 24,000 LBS.
2. 8" AMES 3000SS DOUBLE DETECTOR CHECK w/METERED BYPASS
3. ALSO AVAILABLE WITH H20 LOAD RATING

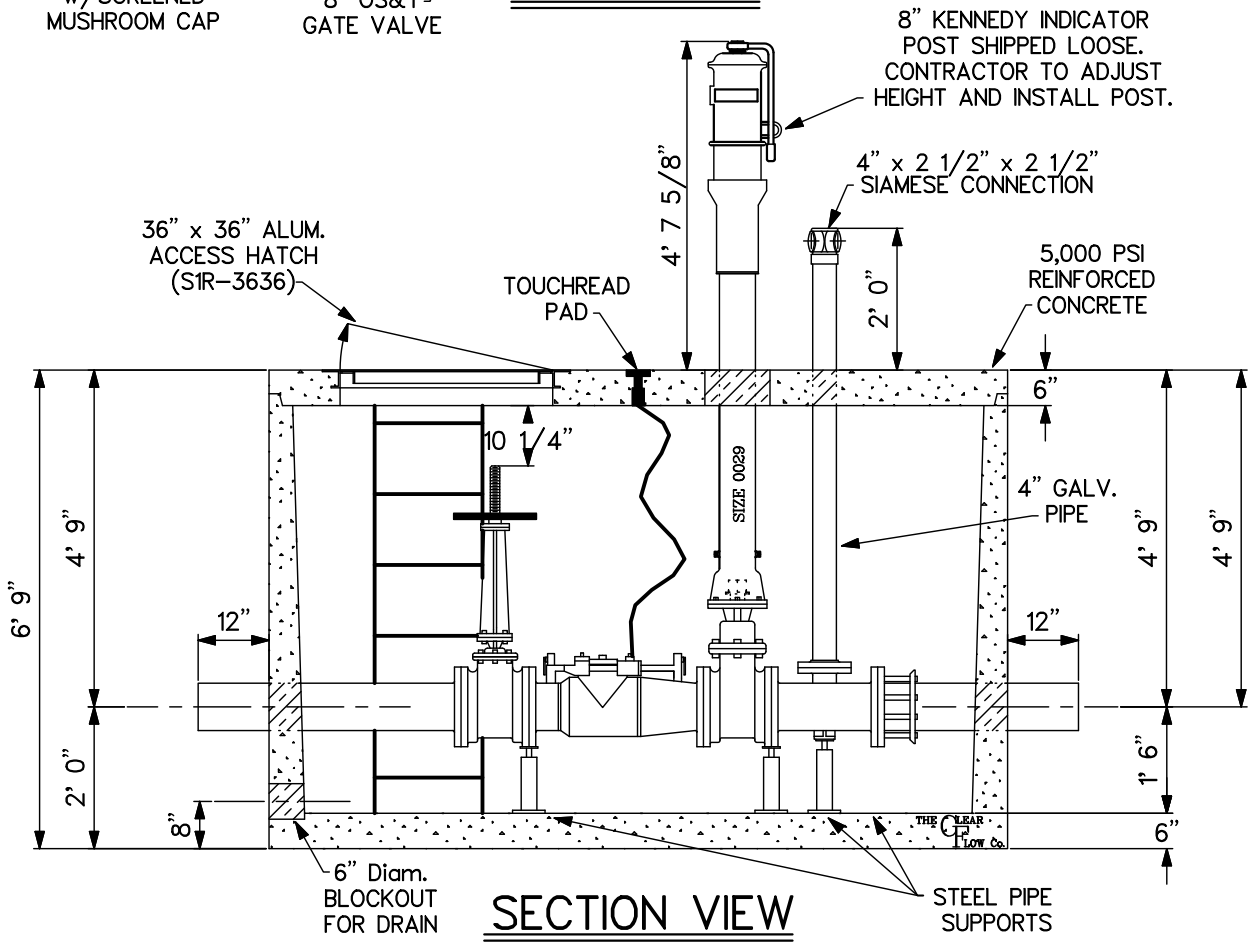
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 3/25/96	DWG: DDC8-FDC-TJ2500

8" FIRE SERVICE VAULT w/ FIRE DEPT. CONNECTION



PLAN VIEW



SECTION VIEW

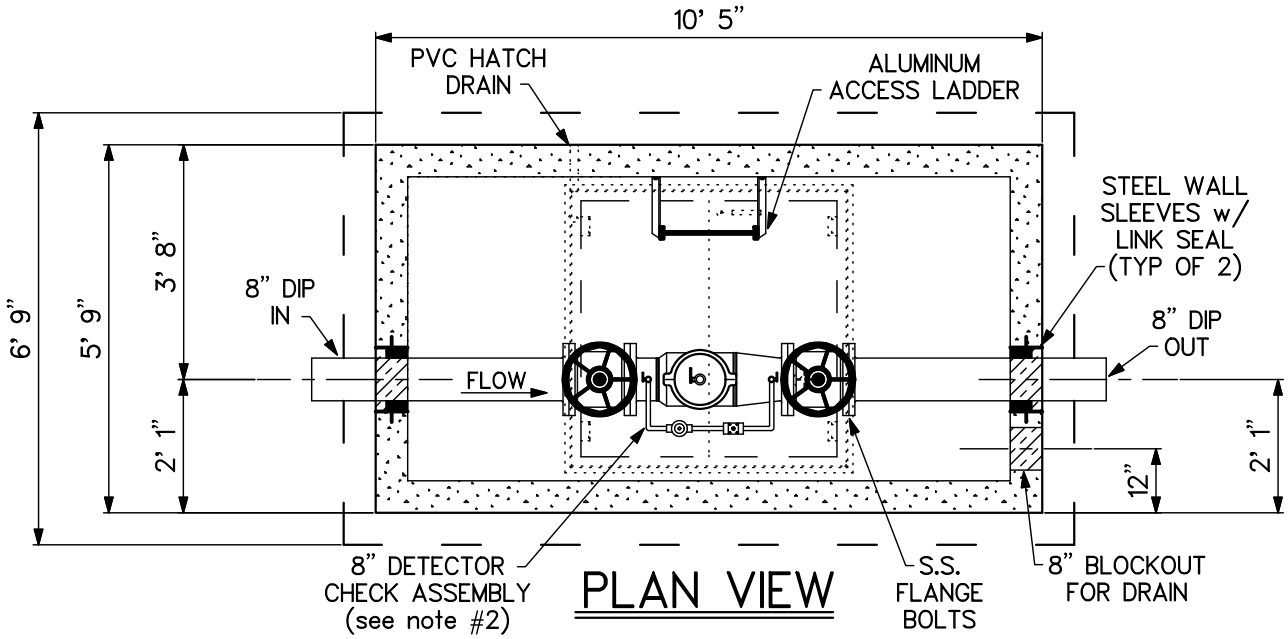
NOTES:

1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 22,000 LBS.
2. 8" AMES MODEL 3000SS DOUBLE DETECTOR CHECK w/METERED BYPASS & TOUCHREAD
3. INDICATOR POST SHIPPED LOOSE FOR INSTALLATION BY CONTRACTOR

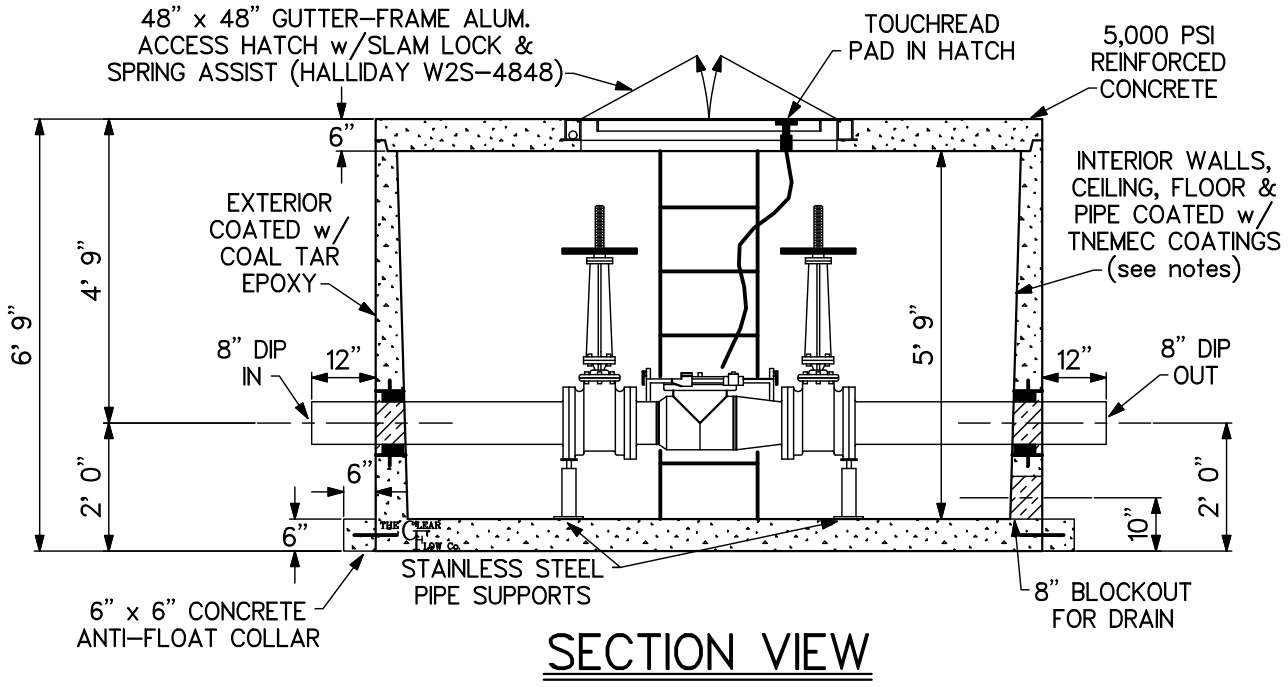
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 9/22/99	DWG: DDC8-FDC-INDPOST-TJ1600

8" FIRE SERVICE VAULT w/INDICATOR POST & FIRE DEPT. CONNECTION



PLAN VIEW



SECTION VIEW

NOTES:

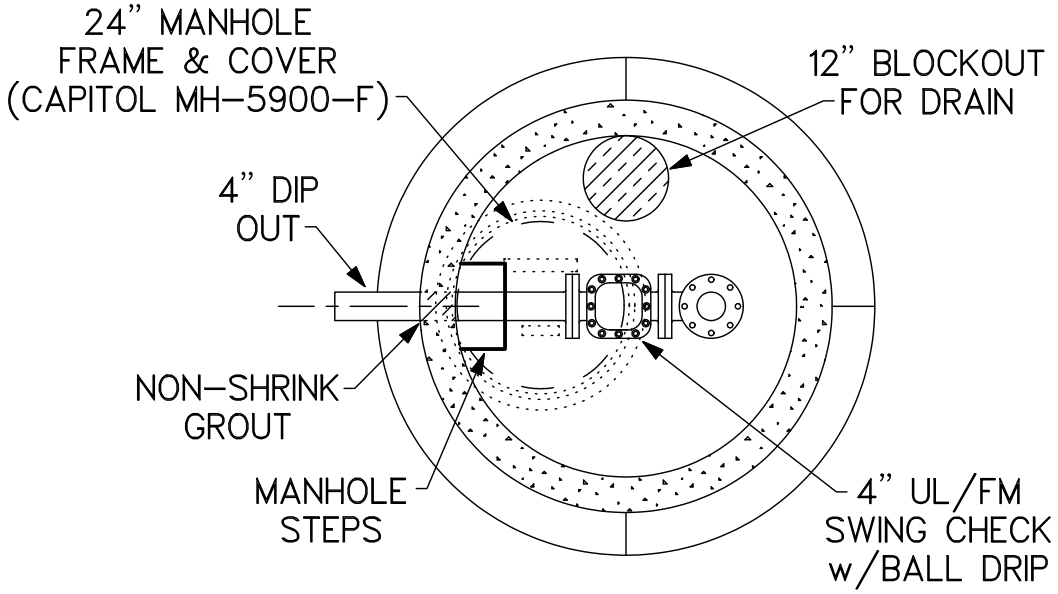
1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY. 26,000 LBS.
2. 8" AMES 3000SS DOUBLE CHECK DETECTOR ASSEMBLY w/METERED BYPASS & TOUCH READ (METER ASSEMBLY FLANGE BOLTS ARE AS SUPPLIED FROM THE FACTORY)
3. COATING SCHEDULE:
   PIPE & FITTINGS (EXCEPT BRASS OR S.S.) – PRIME COAT – TNEMEC EPOXY #135 – WHITE
   INTERMEDIATE COAT – TNEMEC EPOXY #27 – ALUMINUM
   FINISH COAT – TNEMEC ACRYLIC POLYURETHANE #1074 – BK33 GRAY ANSI No. 61

** FLANGE BOLTS BETWEEN DDC & PIPE TO BE S.S. AND COATED AFTER ASSEMBLY
   VAULT EXTERIOR (BELOW GRADE) – TNEMEC COAL TAR EPOXY # 46H-413 – BLACK
   VAULT INTERIOR – WALLS & CEILING – PRIME COAT – TNEMEC FILLER #130-6602 – OFF-WHITE
   INTERMEDIATE COAT – TNEMEC ACRYLIC EPOXY #113 – AL82 WARM SUN
   FINISH COAT – TNEMEC ACRYLIC EPOXY #114 H.B. – WH02 TANK WHITE
   VAULT FLOOR – TWO (2) COATS – TNEMEC ACRYLIC POLYAMINE EPOXY #201

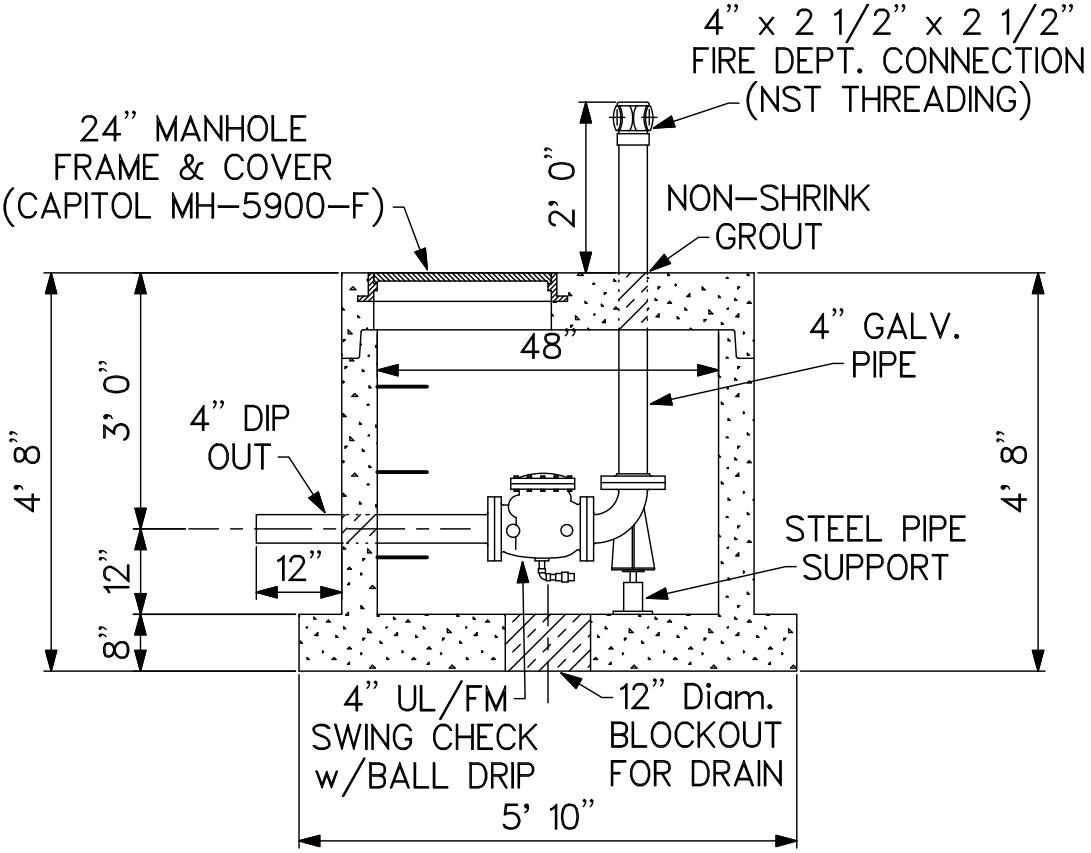
CLEAR FLOW BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 – 2678

SCALE: NONE	DATE: 7/30/05	DWG: DDC8-JAMESCITYCO

JAMES CITY COUNTY
8" DETECTOR CHECK VAULT



PLAN VIEW



SECTION VIEW

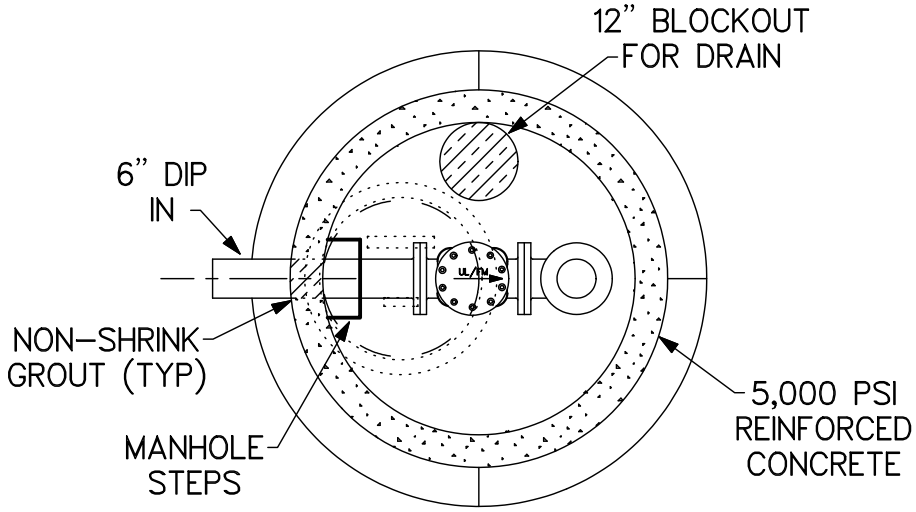
NOTES:

1. MANHOLE SHIPPED ASSEMBLED WEIGHING APPROX. 8,000 LBS.

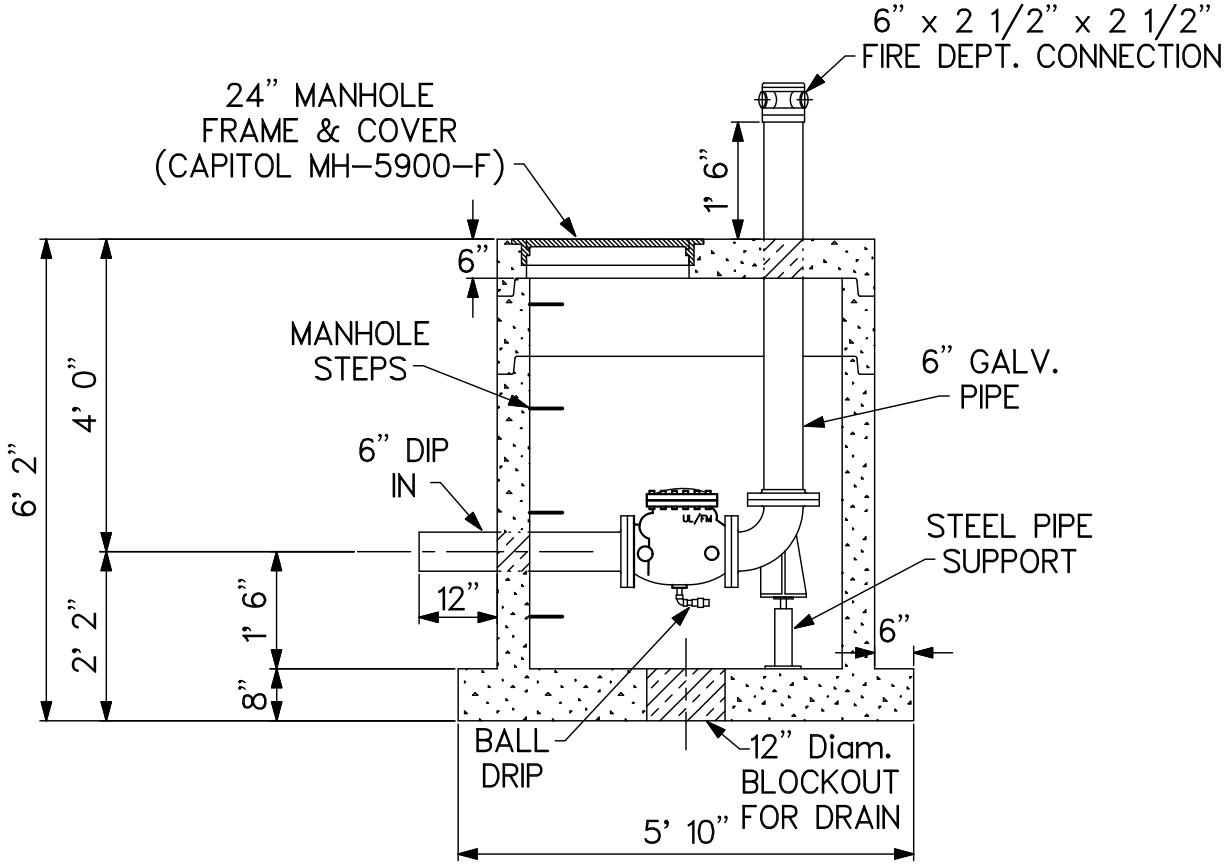
CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

SCALE: NONE	DATE: 11/02/99	DWG: FDC4-4FT DIAMETER

4" FIRE DEPT CONNECTION (4' DIAMETER VAULT)



PLAN VIEW



SECTION VIEW

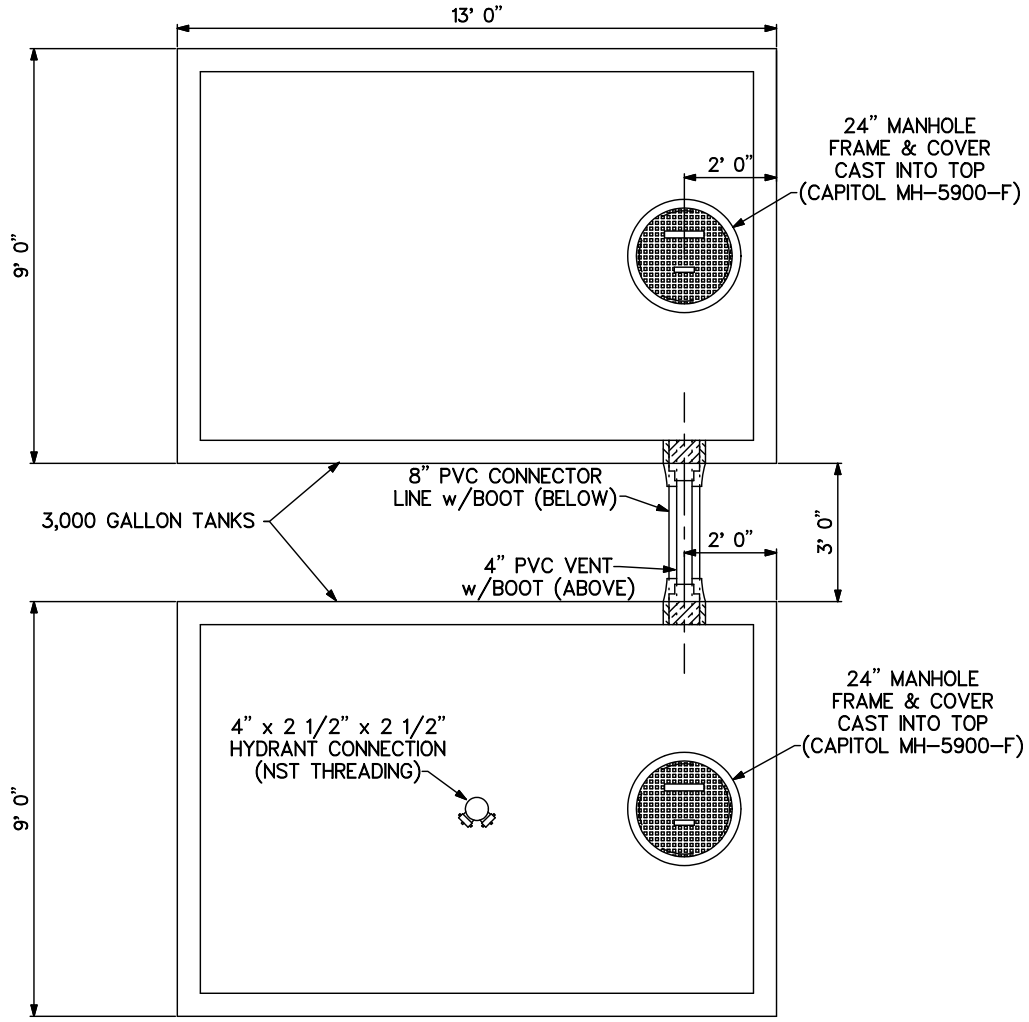
NOTES:

1. MANHOLE DELIVERED ASSEMBLED WEIGHING APPROXIMATELY 10,000 LBS.

CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

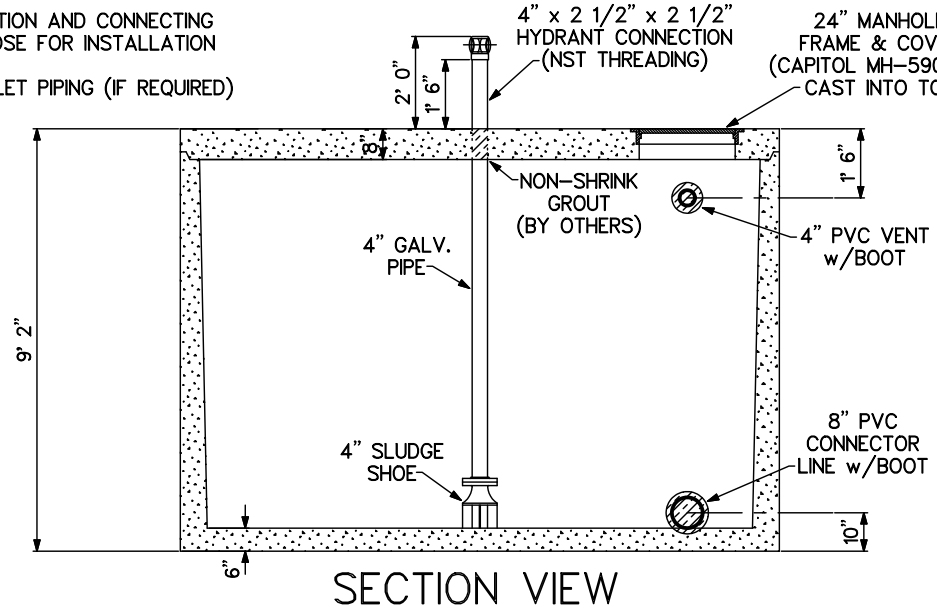
SCALE: NONE	DATE:	DWG: FDC-4FT DIAMETER

6" FIRE DEPT CONNECTION (4' DIAMETER VAULT)



PLAN VIEW

NOTES:
1. CLEAR FLOW TANKS SHIPPED WITH TOP LID LOOSE TO BE ASSEMBLED BY THE CONTRACTOR. HEAVIEST LIFT APPROX. 44,000 LBS.
2. FIRE DEPT. CONNECTION AND CONNECTING PIPING SHIPPED LOOSE FOR INSTALLATION BY OTHERS
3. PLEASE SPECIFY INLET PIPING (IF REQUIRED)

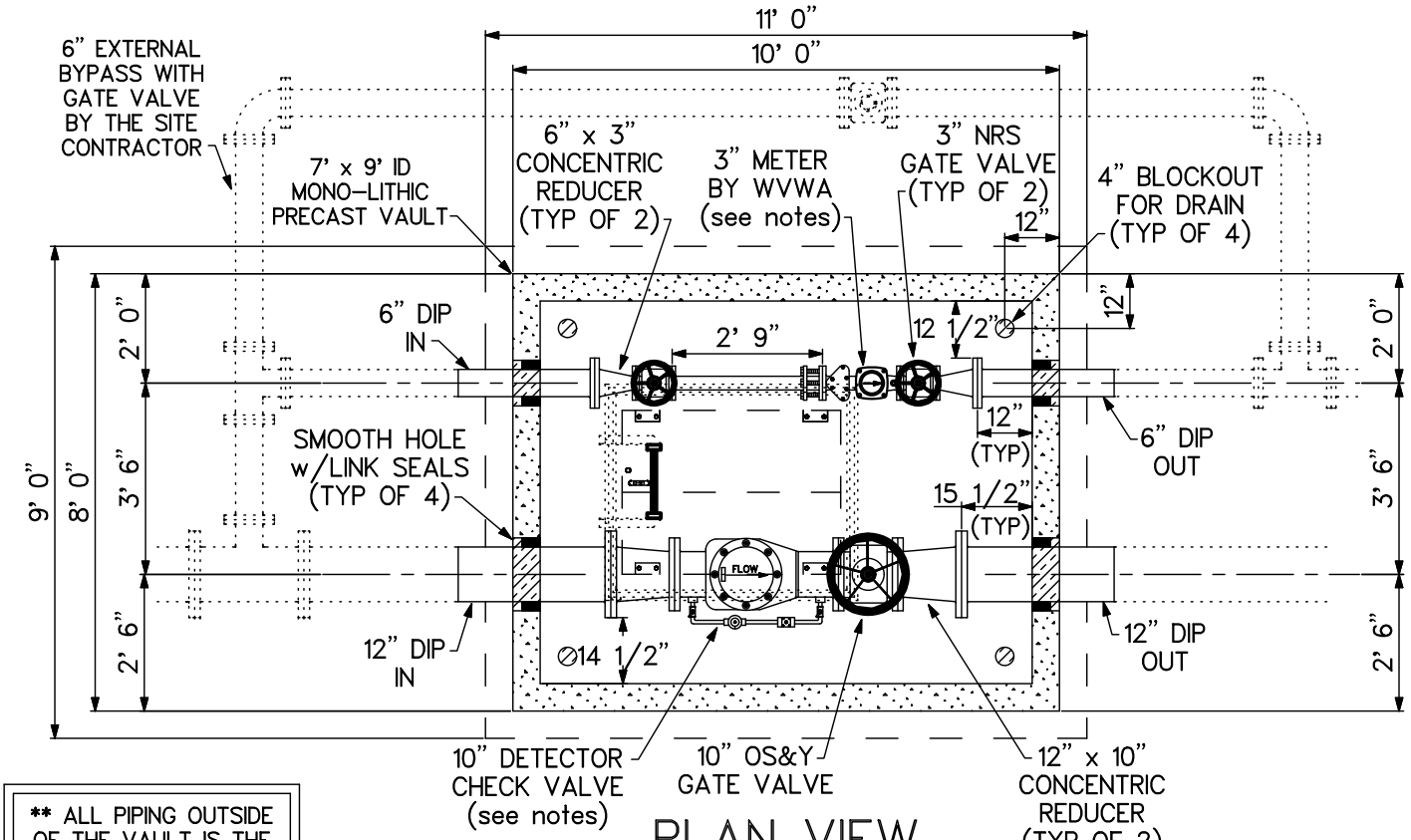


SECTION VIEW

CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
(800) 648 - 2678

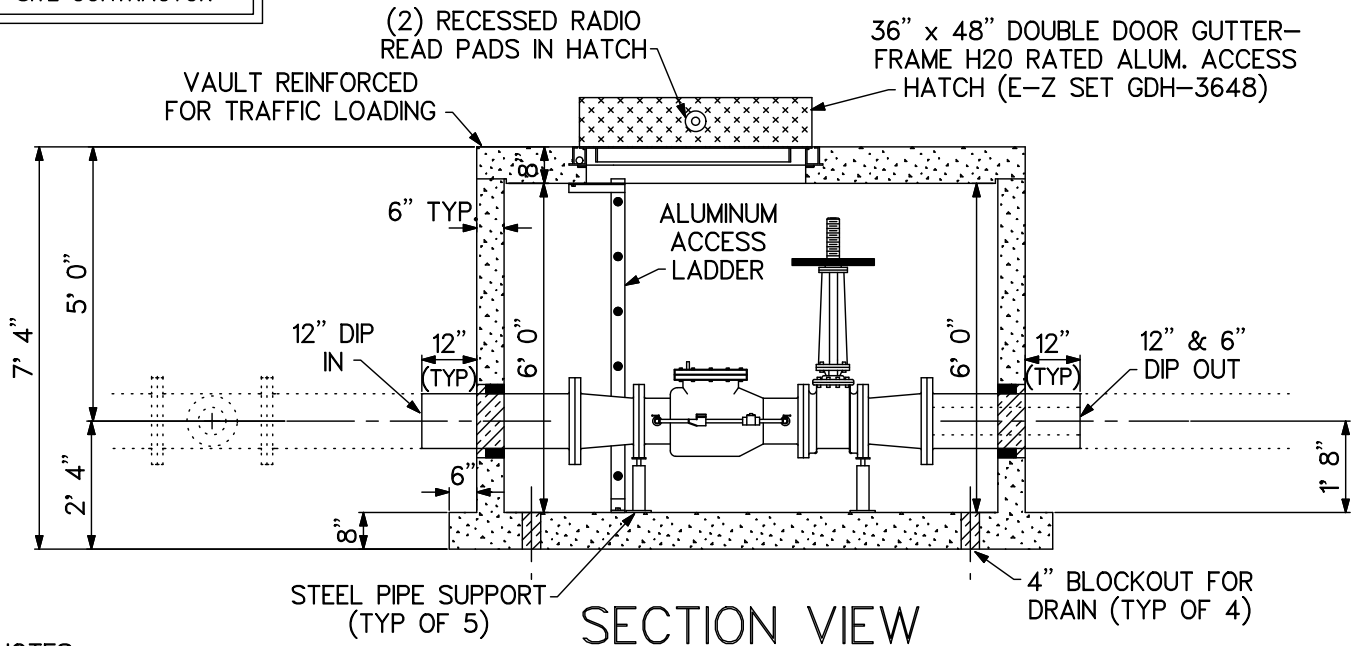
SCALE: NONE	DATE: 3/15/10	DWG: FIRE RESERVOIR 10000

10,000 GALLON FIRE RESERVOIR



PLAN VIEW

** ALL PIPING OUTSIDE OF THE VAULT IS THE RESPONSIBILITY OF THE SITE CONTRACTOR



SECTION VIEW

NOTES:
1. CLEAR FLOW VAULT SHIPPED ASSEMBLED WEIGHING APPROXIMATELY 42,000 LBS.
2. 10" AMES MODEL 1000 DCV SINGLE DETECTOR CHECK VALVE w/METERED BYPASS & 10" OS&Y GATE VALVE
3. METERS SUPPLIED TO CLEAR FLOW BY THE WESTERN VA WATER AUTHORITY

DESIGN		
DRAWN	STEVEN L. GORDON	
REVISIONS		DATE
12" x 6" TEE OUTSIDE VAULT; TJ-7x9;		
SHOW 6" BYPASS OUTSIDE VAULT		8/14/18

* PRINTOUT NOT TO ANY SCALE *

CLEAR FLOW
BY CP&P
CONCRETE PIPE & PRECAST, LLC
210 STONE SPRING ROAD
HARRISONBURG, VA 22801
(540) 434 - 6979

REF. NO. PC-118815-S

BOTETOURT COUNTY, VIRGINIA

ALTEC INDUSTRIES
10" FIRE SERVICE VAULT w/3" DOMESTIC METER

JACK ST. CLAIR, INC.