

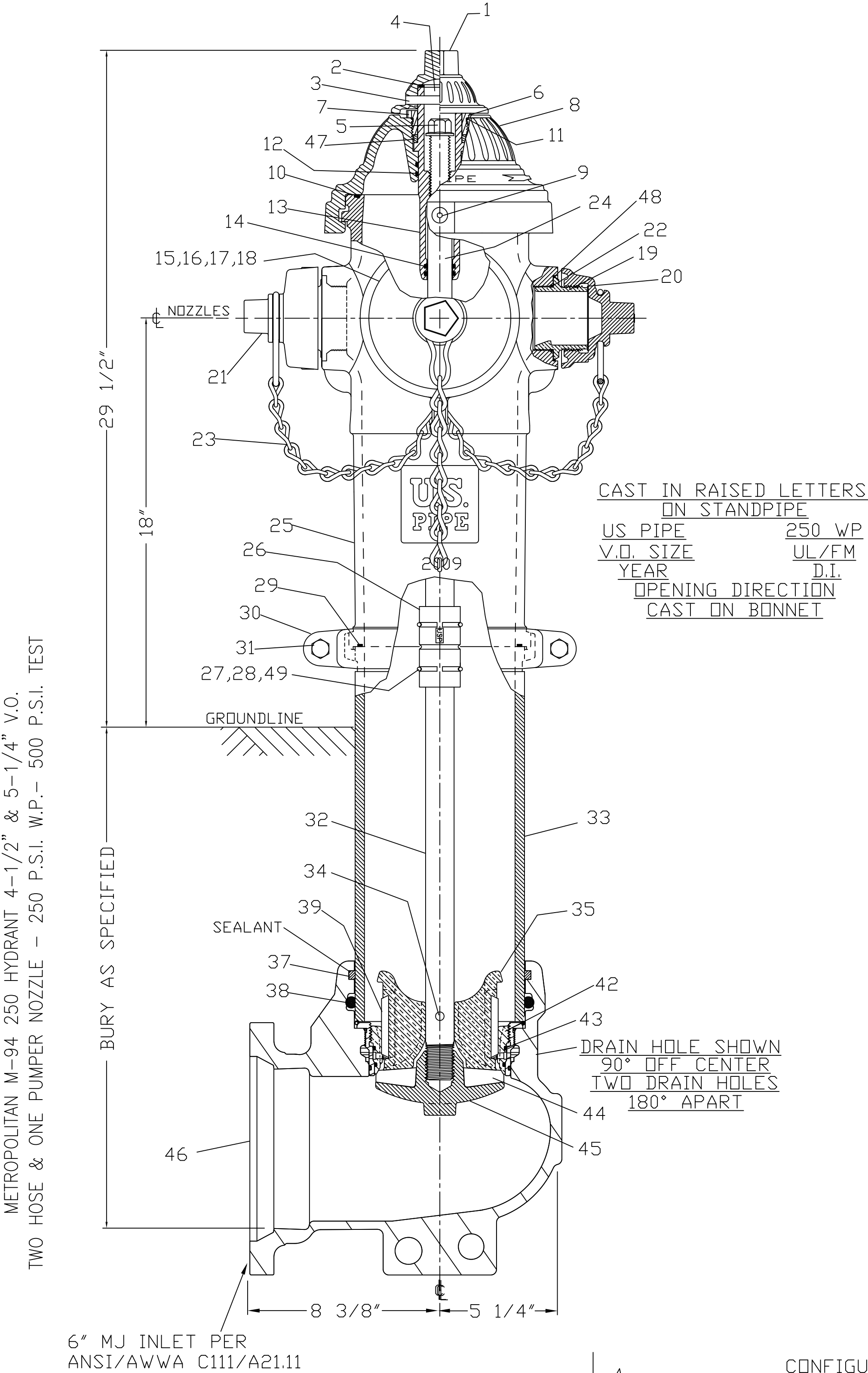
METROPOLITAN M-94 250 HYDRANT 4-1/2" & 5-1/4" V.O.  
TWO HOSE & ONE PUMPER NOZZLE - 250 P.S.I. W.P. - 500 P.S.I. TEST

| OPTIONS        | STANDARD                | REQUIRED |
|----------------|-------------------------|----------|
| VALVE OPENING  | 4 1/2" OR 5 1/4"        |          |
| OPEN DIRECTION | OPEN LEFT<CCW>          |          |
| NUT SIZE       | AWWA PENT. 1 1/2"P TO F |          |
| HOSE NOZZLE    | 2-2 1/2"I.D., N.S.T.    |          |
| PUMPER NOZZLE  | 1-4 1/2"I.D., N.S.T.    |          |
| NOZZLE CHAINS  | OPTIONAL                |          |
| BURY           | IN 6" INCREMENTS        |          |
| INLET JOINT    | MJ                      |          |

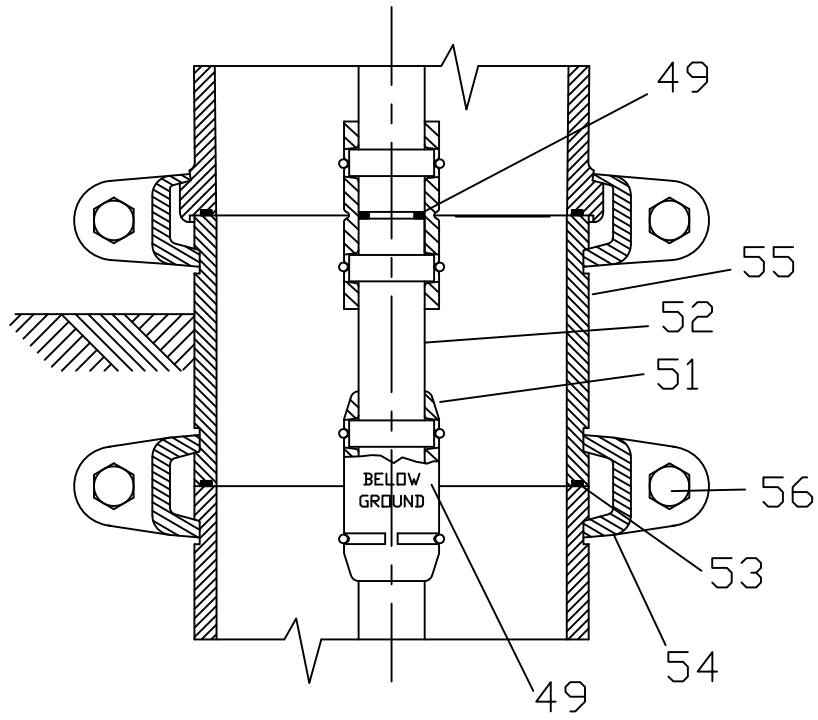
| ITEM NO. | NAME OF PART                     | QTY REQ'D | MATERIAL      | SPECIFICATION    |
|----------|----------------------------------|-----------|---------------|------------------|
| 1        | OPERATING NUT                    | 1         | DUCTILE IRON  | ASTM A536        |
| 2        | OPERATING NUT SEAL               | 1         | RUBBER        | BUNA N 70 DURO   |
| 3        | OPERATING NUT LOCKING PIN        | 1         | STEEL         | RUST PROOFED     |
| 4        | LUBRICANT (IN CHAMBER)           | 1         | DIANA 2100    | FORSYTHE         |
| 5        | TRAVEL STOP NUT                  | 1         | STEEL         | ASTM A307 GR.B   |
| 6        | HOLD DOWN NUT                    | 1         | BRONZE        | ASTM B584 C8345  |
| 7        | HOLD DOWN NUT SCREW              | 1         | STEEL         | ASTM A574        |
| 8        | BONNET<SPECIFY DIRECTION>        | 1         | DUCTILE IRON  | ASTM A536        |
| 9        | BONNET LOCKING SCREW             | 1         | STN. STEEL    | TYPE 18-8        |
| 10       | BONNET SEAL                      | 1         | RUBBER        | BUNA N 70 DURO   |
| 11       | O-RING                           | 1         | RUBBER        | BUNA N 70 DURO   |
| 12       | BONNET-REVOLVING NUT "O" RINGS   | 2         | RUBBER        | BUNA N 70 DURO   |
| 13       | REVOLVING NUT<SPECIFY DIRECTION> | 1         | BISMUTH BRASS | ASTM B584 C89833 |
| 14       | INNER REVOLVING NUT "O" RINGS    | 2         | RUBBER        | BUNA N 70 DURO   |
| 15       | PUMPER NOZZLE                    | 1         | BISMUTH BRASS | ASTM B584 C89833 |
| 16       | PUMPER NOZZLE CAP GASKET         | 1         | RUBBER        | D-2000 NEOPRENE  |
| 17       | PUMPER NOZZLE CAP                | 1         | CAST IRON     | A-126 CLASS B    |
| 18       | PUMPER NOZZLE O-RING             | 1         | RUBBER        | D-2000 BUNA N    |
| 19       | HOSE NOZZLE                      | 2         | BISMUTH BRASS | ASTM B584 C89833 |
| 20       | HOSE NOZZLE CAP GASKET           | 2         | RUBBER        | D-2000 NEOPRENE  |
| 21       | HOSE NOZZLE CAP                  | 2         | CAST IRON     | A-126 CLASS B    |
| 22       | HOSE NOZZLE O-RING               | 2         | RUBBER        | D-2000 BUNA N    |
| 23       | CHAIN ASSEMBLY                   | 1         | STEEL         | RUST PROOFED     |
| 24       | ROD UPPER, <SPECIFY DIRECTION>   | 1         | STEEL         | ASTM A108        |
|          | INCLUDING, SHEATH W/UL "O" RING  | 1         | BRASS         | ASTM B-135       |
|          | ROD PIN - SHEAR PROOF            | 1         | STEEL         | RUST PROOFED     |
| 25       | STANDPIPE UPPER <SPECIFY V.O.>   | 1         | DUCTILE IRON  | ASTM A536        |
| 26       | ROD COUPLING <FRANGIBLE>         | 1         | CAST IRON     | ASTM A126 CL.B   |
| 27       | COUPLING RETAINING RINGS         | 2         | STN. STEEL    | TYPE 18-8        |
| 28       | ROD COUPLING PINS                | 2         | STN. STEEL    | ASTM A276 <431>  |
| 29       | STANDPIPE COUPLING SEAL          | 1         | RUBBER        | BUNA N 70 DURO   |
| 30       | SP. COUPLING HALVES <FRANGIBLE>  | 2         | CAST IRON     | ASTM A126 CL.B   |
| 31       | STANDPIPE COUPLING BOLT & NUT    | 2         | STN. STL.     | TYPE 18-8        |
| 32       | VALVE ROD LOWER <SPECIFY BURY>   | 1         | STEEL         | ASTM A576        |
| 33       | STANDPIPE LOWER <SPECIFY BURY>   | 1         | DUCTILE IRON  | ASTM A536        |
| 34       | TOP PLATE PIN - SHEAR PROOF      | 1         | STEEL         | RUST PROOFED     |
| 35       | VALVE TOP PLATE <SPECIFY V.O.>   | 1         | NDZ-S BRONZE  | ASTM B763 C99500 |
| 37       | ELBOW LOCKING KEY                | 4         | STN. STEEL    | TYPE 18-8        |
| 38       | "O"-RING GASKET                  | 1         | RUBBER        | BUNA N 70 DURO   |
| 39       | DRAIN VALVE FACING               | 2         | RUBBER        | URETHANE         |
| 42       | SEAT RING <SPECIFY V.O.>         | 1         | BISMUTH BRASS | ASTM B584 C89833 |
| 43       | SEAT RING O-RING                 | 2         | RUBBER        | BUNA N 70 DURO   |
| 44       | MAIN VALVE                       | 1         | RUBBER        | BUNA S 90 DURO   |
| 45       | VALVE BOTTOM PLATE               | 1         | DUCTILE IRON  | ASTM A536        |
| 46       | ELBOW,INCLUDING                  | 1         | DUCTILE IRON  | ASTM A536        |
|          | SUB-SEAT                         | 1         | BISMUTH BRASS | ASTM B584 C89833 |
|          | DRAIN HOLE LINER                 | 2         | COPPER        | ASTM B75         |
| 47       | ANTI FRICTION BEARING            | 1         | DELTRIN 500   | DUPONT           |
| 48       | NOZZLE LOCK                      | 3         | STN. STL.     | A-276 305 DR 410 |
| 49       | DAMPENER                         | 1         | RUBBER        | BUNA N 70 DURO   |

| ITEM NO. | EXTENSION KIT PARTS                    | QTY. REQ'D | MATERIAL     | SPECIFICATION  |
|----------|----------------------------------------|------------|--------------|----------------|
| 49       | DAMPER                                 | 1          | RUBBER       | DUNA N 70 DURO |
| 51       | EXTENSION ROD CPLG. ASS'Y <NON-FRANG.> | 1          | DUCTILE IRON | ASTM A536      |
| 52       | ROD EXTENSION <SPECIFY LENGTH>         | 1          | STEEL        | ASTM A575      |
| 53       | EXTENSION COUPLING GASKET              | 1          | RUBBER       | BUNA N         |
| 54       | STP. COUPLING HALF <NON-FRANG>         | 2          | DUCTILE IRON | ASTM A536      |
| 55       | STP. EXTENSION <SPECIFY LENGTH>        | 1          | DUCTILE IRON | ASTM A536      |
| 56       | EXTENSION COUPLING BOLT & NUT          | 2          | STN. STEEL   | TYPE 18-8      |

SAFETY REPAIR KIT (4000001719)  
INCLUDES PART NO'S. 26,27,28,29,30&31



REMOVE NOZZLE FROM UPPER BY REMOVING NOZZLEE LOCK(48) AND ROTATING NOZZLE CLOCKWISE



NOZZLE LOCK DETAIL

DETAIL OF  
HYDRANT EXTENSION

DWG. FH 253

|      |                                                        |      |        |       |          |      |
|------|--------------------------------------------------------|------|--------|-------|----------|------|
| C    | REVISED TITLEBLOCK                                     |      | ANC    |       | 6-27-16  |      |
| B    | REMOVED 4" CLASS 125 FLG & 4" MJ FROM AVAILABLE ELBOWS |      | ANC    |       | 2-5-14   |      |
| A    | REVISE MATERIAL ON ITEMS# 13,15,19,35,42 & 46          |      | ANC    |       | 12-11-13 |      |
| REV. | DESCRIPTION                                            | REF. | DRFT'R | CHK'R | APP      | DATE |

CONFIGURATION SHOWN: 2 HOSE-1 PUMPER

NOZZLE ID'S AVAILABLE: 2 1/2", 3", 3 1/2", 3 3/4",  
4", 4 1/4",4 1/2" & 5"

ELBOW INLETS AVAILABLE: 6" MJ LUG, 6" TYTON LUG,  
6" CLASS 125 FLANGE

UL/FM LISTED

| A/C (MILLIMETER)<br>INCH |  | TOLERANCES - MACHINING<br>UNLESS OTHERWISE NOTED                                      |  | THIRD ANGLE PROJECTION     |  |
|--------------------------|--|---------------------------------------------------------------------------------------|--|----------------------------|--|
| INITIAL RELEASE          |  | BREAK EDGES<br>MACH. .006/.016                                                        |  | PURCH. FINISH              |  |
| DRFT'R ANC 8-5-09        |  | FINISH SURFACES<br>125                                                                |  | REF. NO. SCALE             |  |
| CHK'R                    |  | FRACTIONS<br>±1/64                                                                    |  | N.T.S.                     |  |
| APP                      |  | DECIMALS<br>2 PL ±.025<br>3 PL ±.010                                                  |  | STK. NO.                   |  |
| E.O. NUMBER              |  | SEE TABLE                                                                             |  | NUMBER                     |  |
| US HYDRANT               |  | METROPOLITAN M-94 250 HYDRANT<br>4-1/2" & 5-1/4" V.O.<br>TWO HOSE & ONE PUMPER NOZZLE |  | REVISION C<br>SHEET 1 OF 1 |  |