



| SILVER WITH AN OIL-BASED PAINT. PRIVATE HYDRANTS SHALL ALSO BE PAINT UNLESS OTHERWISE SPECIFIED BY THE JURISDICTIONAL FIRE MARSHALL. 'MIN. AND 4' MAX. FROM BACK OF CURB OR 6'MIN. AND 12'MAX. FROM EDGE ESENT. FIRE HYDRANT TO BE INSTALLED WITHIN RIGHT-OF-WAY OR EASEMENT | | | | | | | | | | | | |
|---|---|--|--|---|--|---|---|--|---------------------|---|--|---|
| OF 4' TO BE LEVEL AND UNOBSTRUCTED. CE RINGS SHALL BE PLACED OVER ALL NEWLY INSTALLED FIRE HYDRANTS. NED AND RESTRAINED WITH APPROVED M.J. GLAND RESTRAINTS. HIGH PRESSURE RETE THRUST BLOCKS AS SHOWN BELOW. NAL WATER LEVEL IS NOTED TO BE ABOVE THE DRAIN OUTLETS OF THE NG UTILITY WILL BE NOTIFIED IMMEDIATELY SO THAT THE HYDRANT CAN BE | | | | | | | | | FACTOR 0 | | - 15 | |
| OMITTED, OR THE DRAIN HOLE PLUGGED. BE WRAPPED AROUND BASE OF HYDRANT. 30, AFC MODEL B-84-B-5, MUELLER CENTURION A423, KENNEDY K81D OR | PIPE SIZE | PIPE MAT'L | 90° BEND | 45° BEND | 22 ¹ 2* BEND | 11 ‡ * BEND | VALVE/ PLUG | TEE BRANCH | REDUCER (NOTE 4) | 45° VERT. | = 1.5 22 ¹ * VERT. | 11 ¹ / ₄ * VERT. |
| OVED BY THE PARTICIPATING UTILITY TO BE LONGER IN LENGTH, MAKING THE | 6" | D.I. | 28' | 21' | 6' | 3' | (NOTE 2) 50' | (NOTE 3) 26' | 26' | 21' | 10' | 5' |
| CH SIDE OF THE GATE VALVE UNFEASIBLE, <u>RESTRAINED</u> PIPE JOINTS SHALL BE TE VALVE IN LIEU OF RODDING. HOWEVER, A RODDED CONTINUOUS SECTION OF | 8" | D.I. | 36' | 21' | 8' | 4' | 65' | 41' | 20 | 27' | 13' | 7' |
| TWEEN THE GATE VALVE AND HYDRANT. | 10" | D.I. | 43' | 21' | 9' | 5' | 77' | 53' | 26' | 32' | 16' | 8' |
| | 12" | D.I. | 51' | 21' | 10' | 5' | 91' | 67' | 27' | 38' | 18' | 9' |
| VARIES (NO OBSTRUCTIONS) | 6" | PVC | 29' | 21' | 6' | 3' | 78' | 25' | 40' | 32' | 16' | 8' |
| | 8" | PVC | 37' | 21' | 8' | 4' | 102' | 49' | 43' | 42' | 21' | 10' |
| 1 - 4 1/2" PUMPER NOZZLE (FACING THE ROAD) | 10" 12" | PVC PVC | 44' 51' | 21' 21' | 9' 11' | 5' 6' | 122' 143' | 68' 89' | 41' 42' | 51' 60' | 25' 29' | 12' 15' |
| 2X2X4"CONCRETE PAD VALVE BOX (W/ ADAPTOR) IF OUTSIDE PAVEMENT OR VALVE VAULT UNDER PAVEMENT STANDARD INSTALLATION INCLUDES FOSTER ADAPTER OR APPROVED EQUAL CONTINUOUS SECTION OF PIPE CONTINUOUS SECTION OF PIPE THREADED ROD AND NUTS TRACER WIRE SEE GENERAL DETAIL APPROVED M.J. GLAND RESTRAINT (i.e. MEGALUGS, GRIP RINGS OR UNI-FLANGE) SHALL BE USED AT ALL M.J. FITTINGS SHALL NOT BE ENCASED IN CONCRETE | 2. RES VAI 3. RES MA 4. RES LIS INS 5. <u>12'</u> 6. FOI INT | STRAINED LVES. STRAINED IN RUN S STRAINED TED (ANY TALLATIO <u>' AND SM</u> RGER TH/ R RESTRA | LENGTH S SHALL BE (OTHER D N). RESTR IALLER DIA AN 12" DIA TH OT | SHOWN REI SHOWN REI A MINIMUM SHOWN IS HAMETER F AINED LEN METER: BE US RUST BLO HERWISE / T PIPING I T PIPING I | FERS TO FERS TO I OF 10' BASED O REDUCTION IGTH SHO IF UNDER ARE TO E PRESSURF ED. IF UNDER ED. IF UNDER ED. IF UNDER ED. IF EQUIREM /AL FROM | ANY DESI THE BRAN ON EACH N REDUCI N WILL RE WN IS UP <u>150</u> PSI BE USED. E, BOTH T QUAL TO D RESTRA D BY THE ENTS AT PARTICIF | GNED OR NCH LINE SIDE OF NG PIPE I QUIRE AD STREAM (WORKING IF EQUA THRUST BI WORKING OR OVER AINED JOIN PARTICIP FITTING R | ONLY. TI THE TEE. DIAMETER DITIONAL ON THE LA PRESSUR L TO OR LOCK(S) A PRESSUR 100 PSI NT(S) SHA ATING UTI R.J. PVC A TILITY. CO | ND R.J. DIF | IOUS PIPE ZE SMALLE DNS BEFOF DF THE RI NED JOINT PSI WORKII NED JOINT RESSURE, D (UNLESS P MAY BE | LENGTH ER THAN RE EDUCER. (S) NG IT(S) SHA (S) ARE BOTH S USED | OF THE PIPE |
| A REGIONAL – CONSTRUCTION DETAIL | | | WESTER | n virgi | NIA RF | GIONAI | | CONSTR | RUCTION | DETAII | | |
| FIRE HYDRANT ASSEMBLY 02/10/15 | | | | | IUM TH OF F | | RESTR)INTS | | | | 02/10 | W- |
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