NOTE: RECYCLED WATER BLOW-OFF SHALL MAINTAIN A MINIMUM OF FIVE (5') FEET SEPARATION FROM ANY POTABLE WATER APFURPENANCE.

PERMANENT END OF LINE INSTALLATION
(NO FUTURE EXTENSION)

PROJECT LIMIT
TRACT BDNY OR END OF STREET IMPROVEMENT OR PROPERTY LINE

MAINLINE

TEMPORARY END OF LINE INSTALLATION
(FUTURE EXTENSION)

PROJECT LIMIT
TRACT BDNY OR END OF STREET IMPROVEMENT OR PROPERTY LINE

DISTANCE VARIES BETWEEN BLOW-OFF TEE AND END OF MAINLINE

FINISH GRADE AT NON-PAVED AREAS

PAVEMENT AT FINISH GRADE

SEE NOTE 3

SEE NOTE 7

6" MIN. THICKNESS 3/4" GRAVEL

6" MIN. THICKNESS 3/4" GRAVEL

ALTERNATIVE "A"

CMILC PIPE SHALL BE SUPPORTED PER EMWD STANDARD DRAWING PA-2.

BALL VALVE AND CAM LOCK TO BE PAINTED PURPLE PANTONE 522C PER EMWD STANDARD DRAWING PA-2.

RESTRAIN D.I. PIPE PER PIPE MANUFACTURER.

BLOW OFF LOCATIONS:
A. FACE OF BOX SHALL BE PLACED & 1'-6" BEHIND CURB FACE WHEN THE WIDTH OF SIDEWALK IS 8' OR WIDER.
B. 7'-6" BEHIND CURB FACE WHEN THE WIDTH OF SIDEWALK IS 6' WIDE.
C. 7'-6" BEHIND CURB FACE WHEN THERE IS NO SIDEWALK.
D. 1'-0" WITH IN ROAD RIGHT-OF-WAY WHEN NO CURB OR SIDEWALK ARE PROPOSED.
E. BLOW OFF TO BE 2' BACK FROM INTERSECTION OF SIDEWALK WITH CORNER APPROX.
F. AT OTHER THAN STREET INTERSECTIONS BLOW-OFF TO BE ON LOT LINES.
G. FIELD COATING FOR EXPOSED STEEL PIPE SHALL BE PER EMWD SPECIFICATIONS AND APPROVED MATERIALS.
H. FOR MAINLINE
A. 30" & LARGER USE 4" S.S. BALL VALVE W/TEFLON SEAT AND 4" CAMLOCK (FEMALE COUPLER X MALE NPT)
B. SMALLER THAN 30" USE 4" K12" BRASS BUSHING WITH MIN. 1-1/2" S.S. BALL VALVE WITH TEFLON SEAT AND 1-1/2" CAMLOCK (FEMALE COUPLER X MALE NPT)

USE 6" FLANGED SADDLE OUTLET PER B-271 FOR INSTALLATION ON CMILC PIPELINE

USE 6" DUCTILE IRON FLANGED TEE FOR INSTALLATION ON PVC PIPELINE

MATERIAL LIST

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<tr>
<th>ITEM</th>
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<tr>
<td>1. BROOKS NO. 4-77 VALVE CA* OR</td>
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<tr>
<td>2. ALL D.I. PIPE SHALL MEET EMWD SPEC. SECTIONS 8537, 8537.1</td>
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<td>3. MATERIALS, SIZE X 4&quot; COMPANION FLANGE</td>
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<td>4. BALL VALVE WITH CLOSE NIPPLE</td>
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<td>5. VALVE CAN PER B-668</td>
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<tr>
<td>6. DI OR CMILC 90° ELBOW</td>
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<td>7. FLANGED OR N J.D. PIPE OR</td>
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<td>8. CMILC PIPE</td>
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<td>9. BALL VALVE WITH CLASS D</td>
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<td>10. CONCRETE NO. 4-1/2 NO. 37, OR</td>
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<td>11. APPROVED EQUAL, SIZED TC</td>
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<td>12. ACCOMODATE FITTINGS</td>
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<td>13. LINE SIZE BY PRE CONNECTION</td>
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<td>14. PVC SPOOL 25'-0&quot; LENGTH</td>
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REVISIONS

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REFERENCES:

SUPERCEDES PA-1

FILE I.D.: 252540

SCHEDULE: NONE

DRAWN BY: GS

RECOMMENDED:

DIRECTOR OF ENGINEERING:

APPROVED Charlie J. Buchanan:

ASSISTANT GENERAL MANAGER:

DATE: 7/28/05

PB-18

EASTERN MUNICIPAL WATER DISTRICT

STANDARD DRAWING

4" - 8" RECYCLED WATER BLOW OFF