ENGINEER TO VERIFY PROJECT AREA TRAFFIC VOLUME AND SPEED TO DETERMINE MOST DURABLE BLOW-OFF ASSEMBLY DETAIL IS UTILIZED.
IDENTIFY LOCATIONS ON PLANS AND REFERENCE TO CORRECT STANDARD DETAIL WHEN USING MULTIPLE ASSEMBLY OPTIONS.

24" CAST IRON MANHOLE FRAME AND COVER, MARKED "LVWD BLOW OFF", ADJUST FRAME AND COVER TO FINAL GRADE AS REQUIRED.

CARSONITE MARKER, SEE (PL10-13)

UNIMPROVED STREET IMPROVED STREET

DESIGNER NOTES

2" BLOW-OFF VALVE WITH THREADED INLET AND 2" CAP
FIELD THREAD BRASS PIPE AS REQUIRED
SERVICE SADDLE
PLUG OR CAP

EIGHT (8) MIL POLYETHYLENE, WRAP ENTIRE CAP

24" CONCRETE THRUST BLOCK

2" BRASS PIPE (CUT TO LENGTH)
TYPE II AGGREGATE BASE BACKFILL COMPACTED TO 90% MAX DENSITY OR CLSM

24" DI PRECAST MANHOLE RING, (12" HIGH), SET PRIOR TO COLLAR INSTALLATION

CONCRETE COLLAR, 4,500 PSI @ 28 DAYS

#4 BAR CONT

AC PAVEMENT

MIN 6" MAX 6.5"

3" CLR

MIN 12" MAX 12.5"

NOTES:

1. SEE SPECIFICATIONS FOR ALL APPROVED PRODUCTS.

2. ALL BRASS PIPE SHALL BE WRAPPED WITH TWO LAYERS OF SIX (6) MIL POLYETHYLENE. BACKFILL ALL AROUND WITH 4" MINIMUM OF SAND TO 12" MAX ABOVE MAIN PIPE.

3. CUT AND REMOVE EXISTING PIPE 12" MIN BEYOND EXISTING BLOW-OFF SERVICE SADDLE PRIOR TO CONNECTING TO EXISTING PIPELINES.

4. FINAL RM ELEVATION TO BE 1/8" TO 1/4" BELOW FINAL STREET GRADE.

5. MORE STRINGENT INSTALLATION REQUIREMENTS MAY BE IMPOSED BY THE ENTITY HAVING THE JURISDICTION OVER THE TRAFFIC BOX INSTALLATION LOCATION.

6. CONTRACTOR TO FORM CONCRETE COLLAR IN UNIMPROVED AREAS WITH SONOTUBE AND REMOVE PRIOR TO BACKFILL INSTALLATION (TYP).

2" BLOW-OFF ASSEMBLY INSTALLATION WITH MANHOLE - ACP PVC OR DI PIPE

NOT TO SCALE

PL10-2B 071822