DESIGNER NOTES:
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 "UVWD BLOW OFF".
ADJUST FRAME AND COVER TO FINAL
GRADE AS REQUIRED.

CARBONITE MARKER,
SEE (PL10-13)

UNIMPROVED STREET IMPROVED STREET

2" BLOW-OFF VALVE WITH
THREADED INLET AND 2" CAP

FIELD THREAD BRASS
PIPE AS REQUIRED

2" CORR STOP

3" x 2" BRASS
REDDUCING FLANGE

3" INSULATING FLANGE
SET, SEE (PL05-4)

STEEL PIPE

2" 90° BRASS ELBOW
WITH THREADED INLETS

3" FLG STEEL OUTLET
BUMPED HEAD

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. FINAL RIM ELEVATION TO BE 1/8" TO 1/4" BELOW FINAL STREET GRADE.
4. MORE STRINGENT INSTALLATION REQUIREMENTS MAY BE IMPOSED BY THE
ENTITY HAVING THE JURISDICTION OVER THE TRAFFIC BOX INSTALLATION
LOCATION.
5. CONTRACTOR TO FORM CONCRETE COLLAR IN UNIMPROVED AREAS WITH
SONOTUBE AND REMOVE PRIOR TO BACKFILL INSTALLATION (Typ).

2" BLOW-OFF ASSEMBLY INSTALLATION
WITH MANHOLE - STEEL PIPE

NOT TO SCALE
PL10-3B 071822