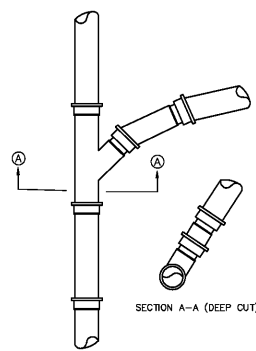
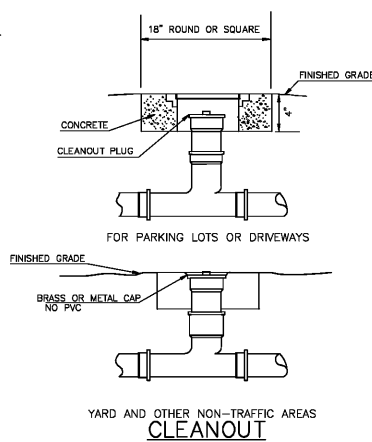


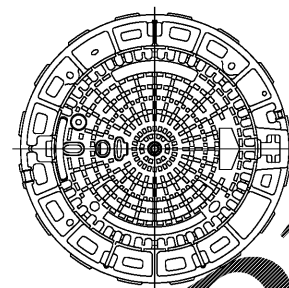
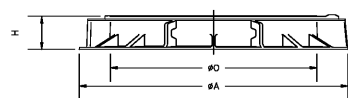
SECTIONAL ELEVATION
STANDARD MANHOLE



PLAN
SERVICE LINE



YARD AND OTHER NON-TRAFFIC AREAS
CLEANOUT

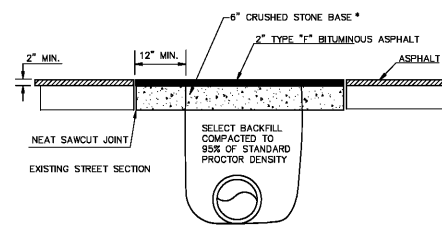


Manhole cover and frame shall be PAMREX or approved equal. Cover and frame shall be manufactured from Ductile Iron in accordance with ISO 1083.
Covers shall be hinged and incorporate a 90 degree blocking system to prevent accidental closure. Covers shall be one man operable using standard tools and shall be capable of withstanding a load of 120,000 lbs.
Frames shall be circular with a 24" clear opening and shall incorporate a 360 degree mechanically attached elastomer sealing gasket for infiltration control traffic shock. The large box shall include a self-cleaning, dual wipe infiltration plug. The frame depth shall not exceed 4 inches, and the flange shall include the bedding slots, bolt holes, and lifting eyes.

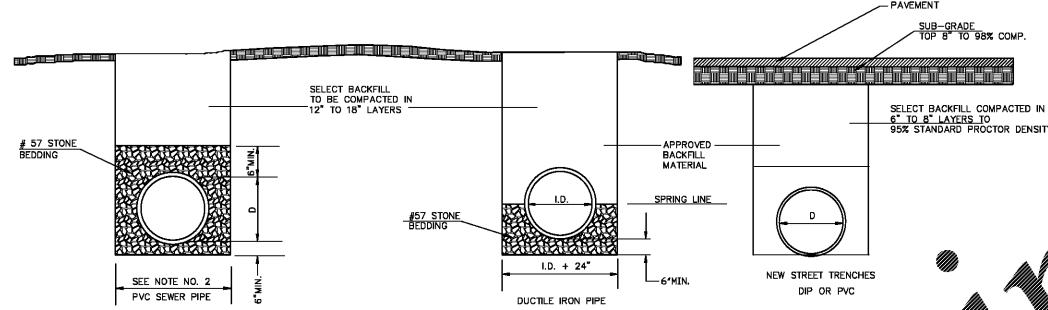
All components shall be zinc coated.

CONVERSION (INCHES)	WEIGHT (lbs)
A	O
COVER AND COVER	FRAME ONLY
33 1/2	24
195	122

24" HIGH MANHOLE COVER AND FRAME



TYPICAL UTILITY PATCH

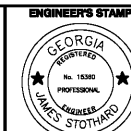


NON STREET TRENCHES

IN-STREET TRENCHES

BEDDING REQUIREMENTS FOR
P.V.C. AND DUCTILE IRON GRAVITY SEWER PIPE

- NOTES:
- BEDDING MATERIALS SHALL BE 1/4" TO 1 1/2" GRADED CRUSHED STONE SUCH AS #57, #57.5, #57.7 OR #7 STONE PER ASDO PARKING AND SPEC.
 - WIDTH VARY BASED ON WALL STABILITY.
 - STABLE WALL WIDTH AS NEEDED TO JOIN PIPE AND COMPACT HAUNCHING AND INITIAL BACKFILL WIDTH TO BE MINIMUM OF FIVE TIMES PIPE DIAMETER (D).



SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.

208 WEST WALTON STREET
LAGRANGE, GEORGIA 30240
706-882-6511
www.SDGarch.net

STOTHARD ENGINEERING, INC.

1008 COLQUITT ST.
LAGRANGE, GA 30241
PH: 706 884-5279
email: stothard@stothard-engineering.com

REVISIONS

DATE	DESCRIPTION

PROJECT:

VERNON ROAD FIRE
STATION
VERNON ROAD
LAGRANGE, GEORGIA

TITLE:

INDEX SHEET

MODIFIED DATE:

JOB NO:

1731

ISSUED DATE:

SHEET:

C-10

FOR BID AND PERMIT
20 APRIL 2018