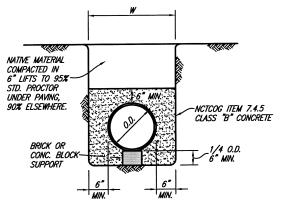
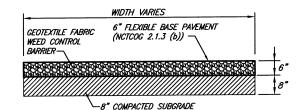


ASPHALT STREET OR DRIVEWAY REPAIR

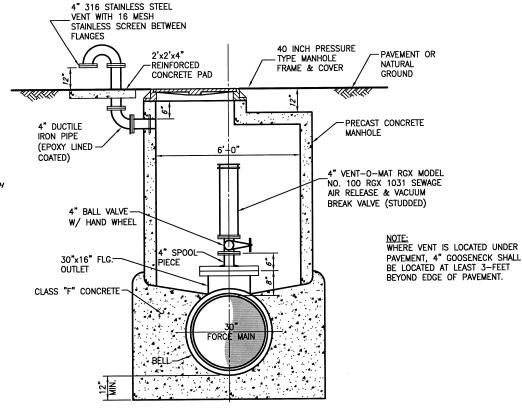


CLASS G EMBEDMENT

CONCRETE ENCASEMENT

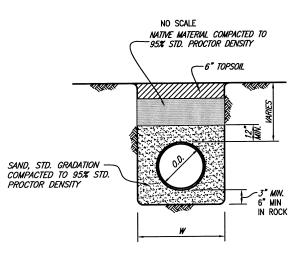


GRAVEL DRIVE REPAIR



COMBINATION AIR & VACUUM RELEASE VALVE

NOT TO SCALE



CLASS B-4 EMBEDMENT

This record drawing is a compilation of the sealed engineering drawing for this project; modified by addenda, change orders and information furnished by the contractor. The information shown on the record drawings that was provided by the contractor or others not associated with the design engineer cannot be verified for accuracy or completeness. This original sealed drawings are on file at the offices of Birthoff, Hendricks & Carter, LLP.

BY PAC DATE 06/13/2011

(M.H. FRAME CAST IN CONCRETE 8" x 24" DIA. PRECAST REINFORCED CONCRETE GRADE WITH CONTINUOUS POUR FROM RINGS (SET IN MORTAR BED AND BRING TO GRADE) RINGS 18" MAXIMUM). FURNISH & -MORTAR COATING INSTALL CHIMNEY SEAL. CONCENTRIC MANHOLE-1. FOR MANHOLES WITH DIAMETER CONE OR FLAT TOP. LARGER THAN 48" I.D., A PRECAST FLAT TOP MANHOLE COVER AS PER A.S.T.M. C478 SHALL BE INSTALLED. 2. ALL JOINTS IN PRECAST USE RUBBER GASKETS AND PRE-FORMED JOINT SEALING MANHOLE SHALL BE SEALED ON OUTSIDE OF MANHOLE WITH COMPOUND TO FILL EXTERIOR AQUAGARD, CRETEX OR RAPIDSEAL. JOINT SPACES PRECAST MANHOLE RISER SHALL BE A.S.T.M. C478 AND PROJECT SPECIFICATIONS BOTTOM SECTION OF MANHOLE IN RISER PIPE LENGTHS OF TWO (2) BASE RISER WITH "BUTT END" SET IN RAM—NEK (OR APPROVED— EQUAL) FLEXIBLE GASKET MATERIAL OR THREE (3) FEET TO BE SET -ON 1" OF HIGH STRENGTH, NON-SHRINK, LEVEL GROUT FILL VOIDS WITH HIGH STRENGTH STUBOUT TO BE FITTED W/ STOPPER OR CAP. STUBOUTS SHALL BE A MIN. OF 5' LONG W/ CONCRETE CRADLE (FROM SAME POUR NON-SHRINK GROUT -FULL DIAMETER (4200 P.S.I.) ÁS BASE) UNDER ENTIRE LENGTH. NCTCOG CLASS F — (4200 P.S.I.) CONCRETE BASE COUPLING W/O-RING RUBBER GASKET WITH PVC PIPE (KOR-N-SEAL) OR APPROVED 12" (6" IN ROCK) NCTCOG-GRADE 4 CRUSHED STONE MAT TO BE LAID ON FIRM MATERIAL OR ROCK FOUNDATION. PIPE I.D. VARIES

PAMREX 24 M.H. FRAME & COVER

PRECAST CONCRETE MANHOLE

NO SCALE

BIRKHOFF, HENDRICKS & CARTER, L.L.P.

PROFESSIONAL ENGINEERS Texas Firm 526 11910 Greenville Ave., Suite 600 Dallas, Texas (214) 361-7900



DETAILS

BHC
PROJECT NO.
2007-110

April, 2010

BHEET NO.

16

REVISED: 6/13/11 - KBURKS

H:\Projects\Rockwall\2007110\Sheets\Complete Section III\2007110-DETAILS-III.dwg

PLOT SCALE: 1:2

PLOT STYLE: 11x17.ctb

PLOTTED BY: KBURKS ON 6/13/2011