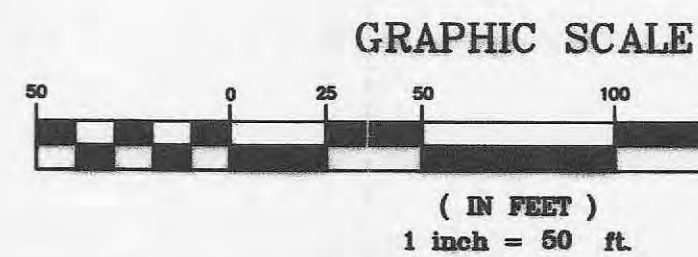


NF
GW COMPOSITES, INC.
BK 2577 PG 164

SANITARY
MANHOLE
T-584.71'
FL-577.66'

NF
FRED WEBER, INC.
BK 2509 PG 404



RECEIVED
AUG 3 2005
CITY OF O'FALLON, MO

AS-BUILTS 8/31/05

PICKETT RAY & SILVER

335 Mid Rivers Mall Drive
St. Peters, MO 63376
Phone (636) 397-1211
Fax (636) 397-1104

CIVIL ENGINEERS
PLANNERS
LAND SURVEYORS

DOUGLASS TRACT
PART OF U.S. SURVEY 1780
T47N, R2E ST. CHARLES CO. MO.

3457 BRIDGELAND DR.
BRIDGETON, MO. 63044
314-291-1310

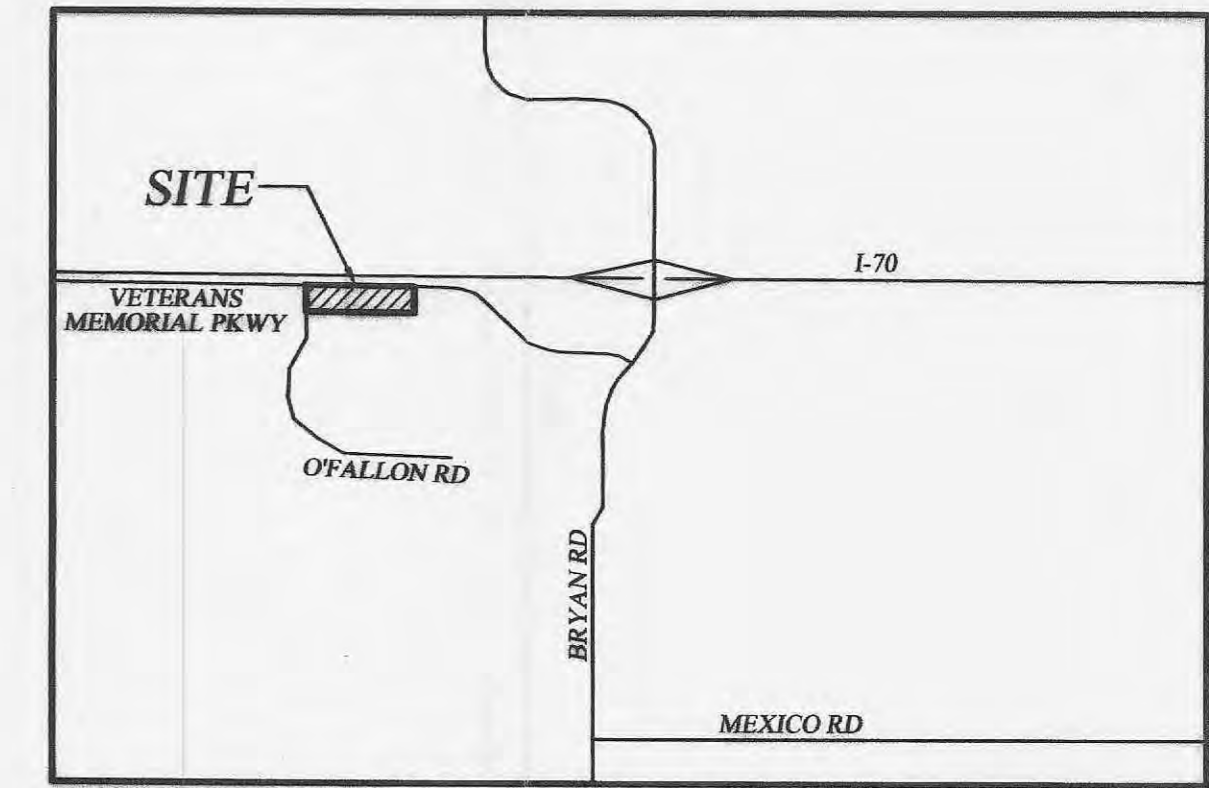
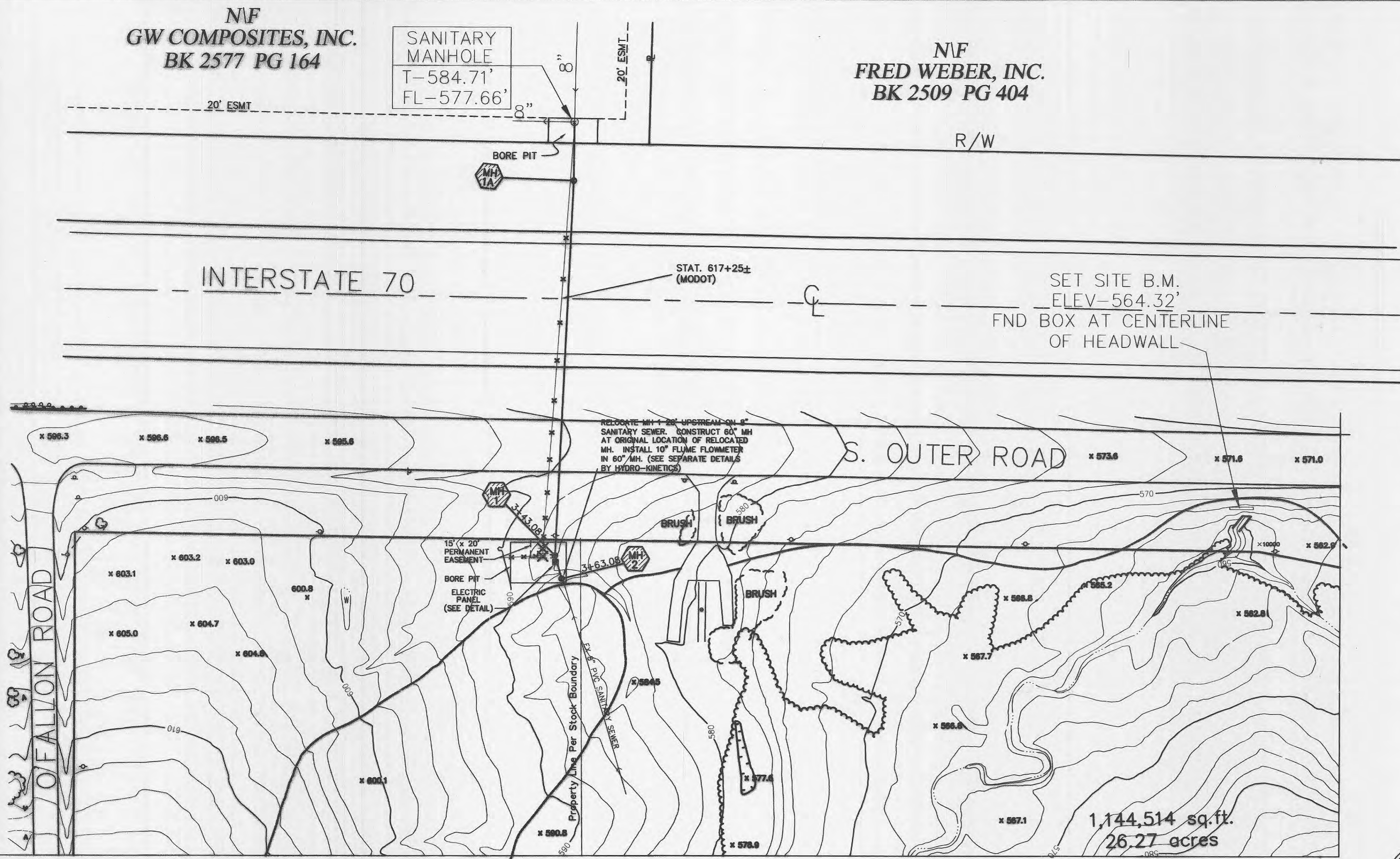
Prepared For:
DOUGLASS PROPERTIES

REVISIONS NO.	DATE	DESCRIPTION / COMMENTS
1	06/24/03	BORE PIT REVISIONS / SLOPE PER CITY OF O'FALLON
2	09/04/03	CHANGED SLEEVE SIZE PER CITY OF O'FALLON
3	10/28/03	PER CITY OF O'FALLON COMMENTS
4	12/17/03	PER CITY OF O'FALLON COMMENTS
5	4/19/04	PER CITY OF O'FALLON COMMENTS
6	12/15/04	REVISION PER CITY OF O'FALLON
7	2/11/05	REVISION PER CITY OF O'FALLON
8	2/24/05	REVISION PER CITY OF O'FALLON
9	4/19/05	ADDED FLOWMETER STRUCTURE

ENGINEERS AUTHENTICATION
The responsibility for professional engineering liability on this project is hereby limited to the set of plans authenticated by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions after this date unless reauthenticated.
PICKETT, RAY & SILVER, INC.

DRAWN ABK	DATE 07-18-07
CHECKED T. DIETZ	DATE 07-18-07
PROJECT # 01003DADO.00R	TASK # X FIELD 962 BOOK

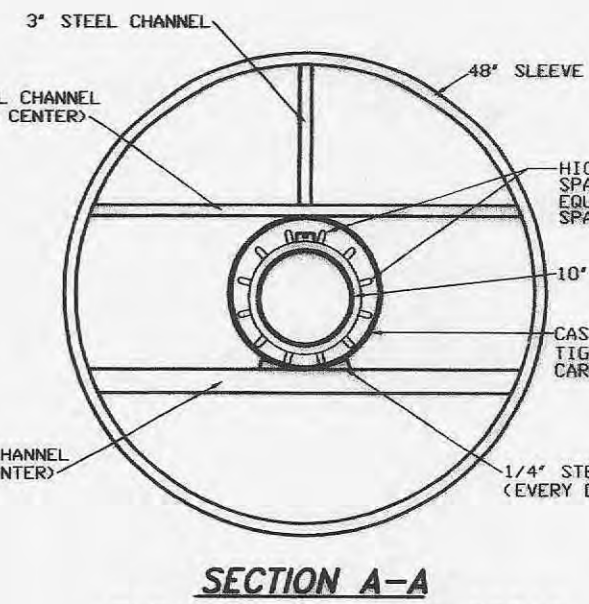
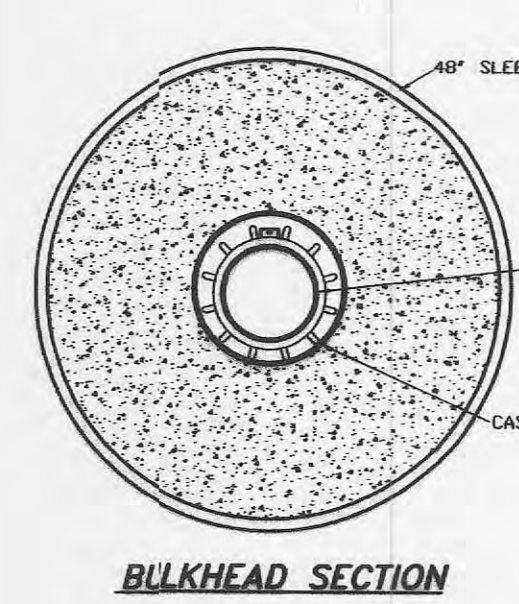
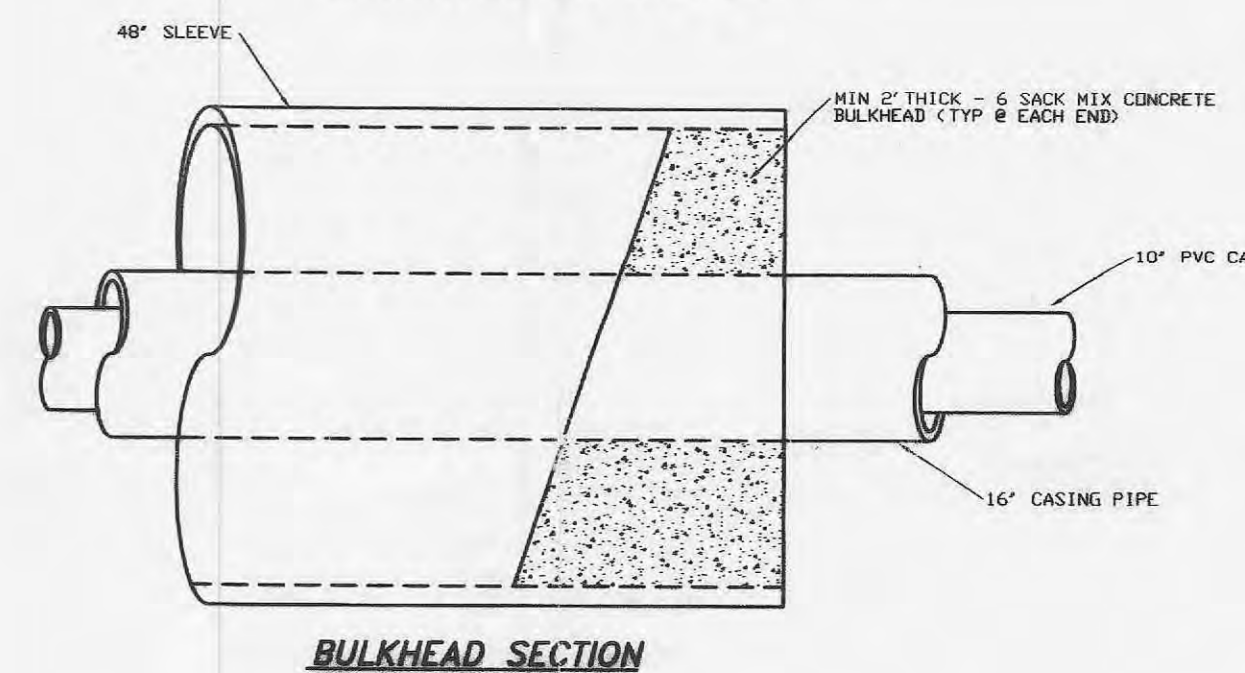
DOUGLASS TRACT
SANITARY SEWER BORE
SHEET 1 OF 1
Copyright 2001 by Pickett, Ray & Silver, Inc.



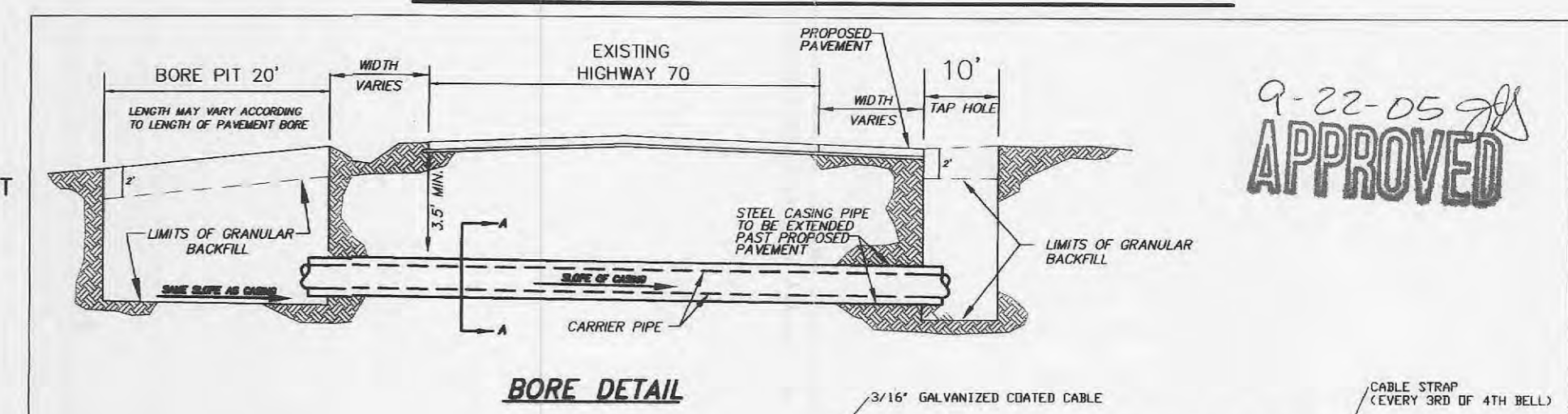
This As-Built Drawing is based on field measurements conducted during Dec. 2004 & Aug. 2005 and the results are shown hereon.

By: *James R. Chervek* 8-30-05
JAMES R. CHERVEK, P.L.S., #2211
STATE OF MISSOURI

PICKETT, RAY & SILVER'S CORPORATE
REGISTRATION NO. - LS-54-D



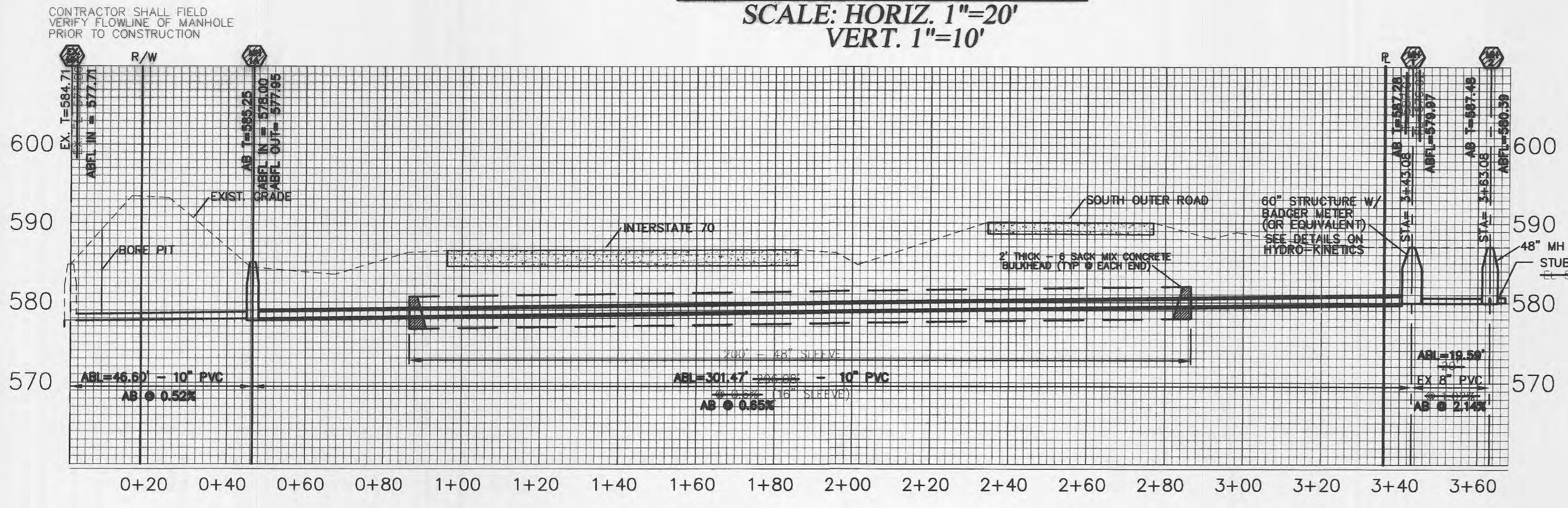
ENCASUREMENT SPACER DETAIL



BORE DETAIL

- BORING NOTES**
- DO NOT SCALE DRAWING. FOLLOW DIMENSIONS.
 - INSTALLATION OF THE CASING AND CARRIER PIPES SHALL MEET THE REQUIREMENTS FOR THE CITY OF O'FALLON SPECIFICATIONS.
 - ALL JOINTS IN THE CASING PIPE SHALL BE WELDED.
 - THE PIPE TO BE PLACED IN THE BORE HOLE SHALL BE CAST-IRON PIPE EXCEPT AS REQUIRED ON THE PLANS.
 - STEEL CASING PIPE USED IN THE INSTALLATION OF WATER OR SEWER LINE AND CONDUITS SHALL HAVE A MINIMUM WELD STRENGTH OF 50,000 P.S.I.
 - CARRIER PIPE SHALL BE 10" DIA. PVC.
 - CASING PIPE SHALL BE 16" DIA. STEEL (0.281" WALL THICKNESS).
 - NOTE: EXISTING FACILITIES ARE TO REMAIN IN USE AT ALL TIMES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL SERVICE LINES AND UTILITIES PRIOR TO CONSTRUCTION.
 - RESTRAINING JOINTS SHALL BE USED ON THE CARRIER PIPE.

CROSS SECTION @ STA. 617+25±
SCALE: HORIZ. 1"=20'
VERT. 1"=10'



CONTRACTOR SHALL FIELD VERIFY FLOWLINE OF MANHOLE PRIOR TO CONSTRUCTION

9-22-05
APPROVED