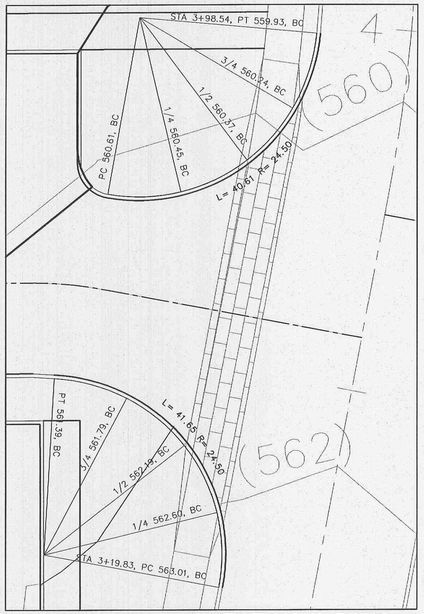
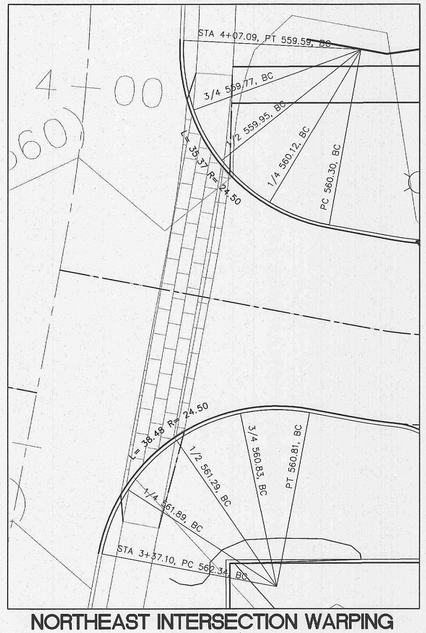
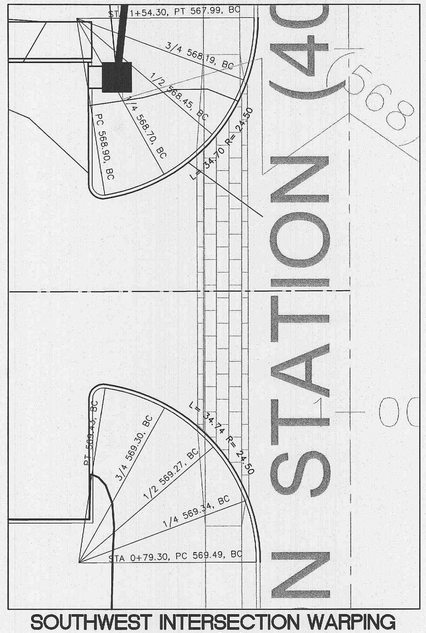


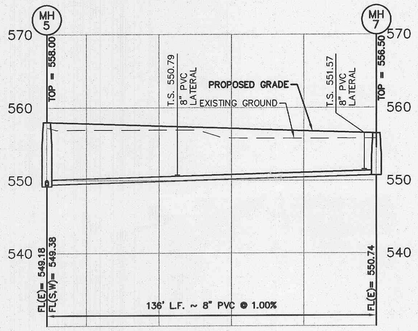
NORTHWEST INTERSECTION WARPING
SCALE: 1"=10'

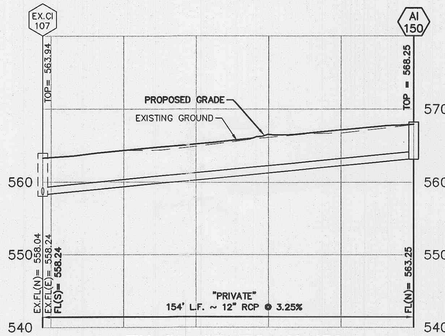


NORTHEAST INTERSECTION WARPING
SCALE: 1"=10'



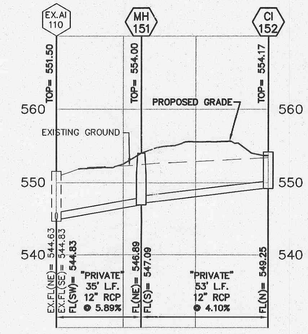
SOUTHWEST INTERSECTION WARPING
SCALE: 1"=10'





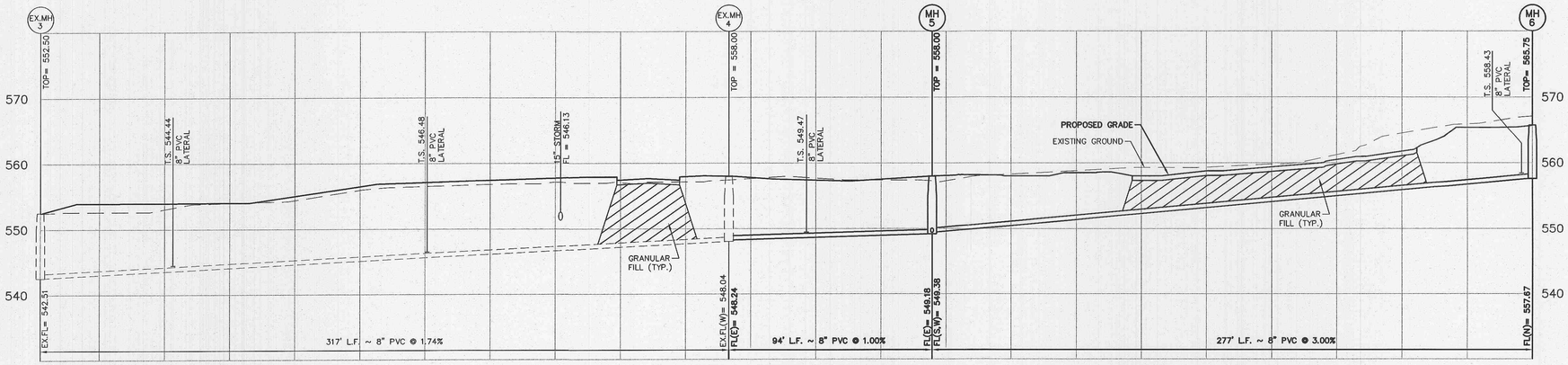
EX. CI 107 TO AI 150
STORM SEWER PROFILE

SCALE: 1"=30' HORIZ.
1"=10' VERT.



EX. AI 110 TO CI 152
STORM SEWER PROFILE

SCALE: 1"=30' HORIZ.
1"=10' VERT.



EX. MH 3 TO MH 6
SANITARY SEWER PROFILE

SCALE: 1"=30' HORIZ.
1"=10' VERT.

NOTES:
1. SANITARY SEWER LATERALS TO BE 6" MINIMUM DIAMETER AT 2% MINUMUM SLOPE.

STRUC NO	LINE		FLOWLINE ELEVATIONS			LEN (ft)	CONST GRADE (%)	PIPE SIZE (IN.)	PIPE AREA (FT²)	PIPE CAP. (C.F.S.)	TRIB. AREA (ACRES)	F.A. (FT²)	TRIB. Q (C.F.S.)	C.F.S. ((RPP)+) ADD	TOTAL Q (C.F.S.)	HGLL FLOW (FT)	VEL. HEAD (FT)	SUM (FT)	HEAD LOSSES					RIM ELEVATIONS				TOP OF STRUC ELEV.	INVS. ROUND (FT)	n FACTOR
	UPPER STRUC	LOWER STRUC	UPPER F.L.	LOWER F.L.	DELTA														PIPE OF (FT.)	STRUCTURE LOSSES JUNCT	Added Crv. M.	TURN LOSS	TURB ANGLE	TOTAL feet	UPPER R.E. H + DIA	LOWER R.E. H.E.+M	LOWER R.E.	INTL GRADE (FT/FT)	UPPER R.E. + Invt			
AI150	AI150	EX CI107	563.25	558.24	5.01	153.00	0.0325	12	0.79	7.24	0.39	3.85	1.50		1.50	1.91	0.06	0.08	0.25					564.25	558.63	558.38	0.00	564.25	568.25	4.00	0.013
																														0.013
MH151	MH151	EX AI110	546.89	544.83	2.06	35.00	0.0589	12	0.79	7.99		3.85			3.54	4.51	0.32	1.12	0.40					547.89	546.23	545.83	0.01	547.89	555.00	7.11	0.013
CI152	CI152	MH151	549.24	547.09	2.15	53.00	0.0410	12	0.79	7.97	0.92	3.85	3.54		3.54	4.51	0.32	1.12	0.42					550.24	548.51	548.09	0.01	550.24	554.25	4.01	0.013

NOTE:
A 0.20' DROP SHALL BE PROVIDED THROUGH ALL STRUCTURES AND MANHOLES. PROVIDE ROCK BACKFILL FOR ALL TRENCHES WITHIN THE 1 TO 1 SHEAR PLANE OF ALL PAVEMENT.

Missouri One Call System, Inc.
Call Before You Dig!
1-800-DIG-RITE
(1-800-344-7483)

All the improvements & facilities and utilities, above ground and underground shown herein were plotted from available information and do not necessarily reflect the actual existence, nonexistence, elevation, size, type, number or location of these or other improvements, facilities, or utilities.
The General Contractor and/or owner shall be responsible for verifying the actual location & elevation of all improvements, facilities, & utilities, shown or not shown, and said improvements, facilities, & utilities shall be located in the field prior to any grading, excavation or construction of any improvements. These provisions shall in no way absolve any part from complying with the Underground Facility Safety & Damage Prevention Act, Chapter 319, RSMo.

CALL MISSOURI ONE-CALL, 1-800-DIG-RITE,

Disclaimer

ENGINEERS CERTIFICATION:
The following applies to ALL sheets and documents involved in this project, whether printed or electronic media, issued for this project. This responsibility for Professional Engineering services is limited to the technical content of the sheets displayed on the sheet and does not include any of the general boilerplate and standard text typically found on these sheets. Engineer on each sheet. ALL responsibility is disclaimed: until ALL pages listed in the table of contents have been signed and sealed, and dated, for this set. Any use of the plan sheets issued prior to this plan set date, for this set item and/or set is issued after this date, is done at the user's own risk and without liability to the Engineer. ALL sheets and documents involved in this project whether printed or electronic media, issued for this project are copyrighted. All Rights Reserved. appears on them or not. Copyright. All Rights

ZAVRADINOS PROFESSIONAL SERVICES, INC.

Richard G. Wischmann DATE
PE-2003015059

No.	Date	Revision/Issue
2	10-24-06	CITY COMMENTS, 9-20-06
1	9-14-06	CITY COMMENTS, 7-19-06

Client
Greater Missouri Builders
Eugene Devore, Jr.
1551 Wall Street, Suite 220
St. Charles, MO 63303
636-946-1341
636-949-9992 Fax
edevore@gmb-inc.com

O'Fallon Station - Residentail

Profiles + Warpings

Zavradinos Professional Services, Inc.
ENGINEERING LAND SURVEYING SITE PLANNING
17813 EDISON AVE. SUITE 201
CHESTERFIELD, MO 63005
636 - 946 - 5555 636 - 449 - 0146 FAX www.zavradinos.com

CITY/COUNTY JOB NO:
P&Z 2204.06; 04/06/06
MSD P-
BASEMAP

Original Issue Date: 5-17-06
Drawn By: RSR
ZPS PM: RGW
Project No.: 04126F
Sheet: 4

N:\Land Projects\04126F-OFallon Station_OMB\dwg\04126F_prostaw.dwg, PROFILE-4, 10/24/2006 8:45:28 AM, rich