

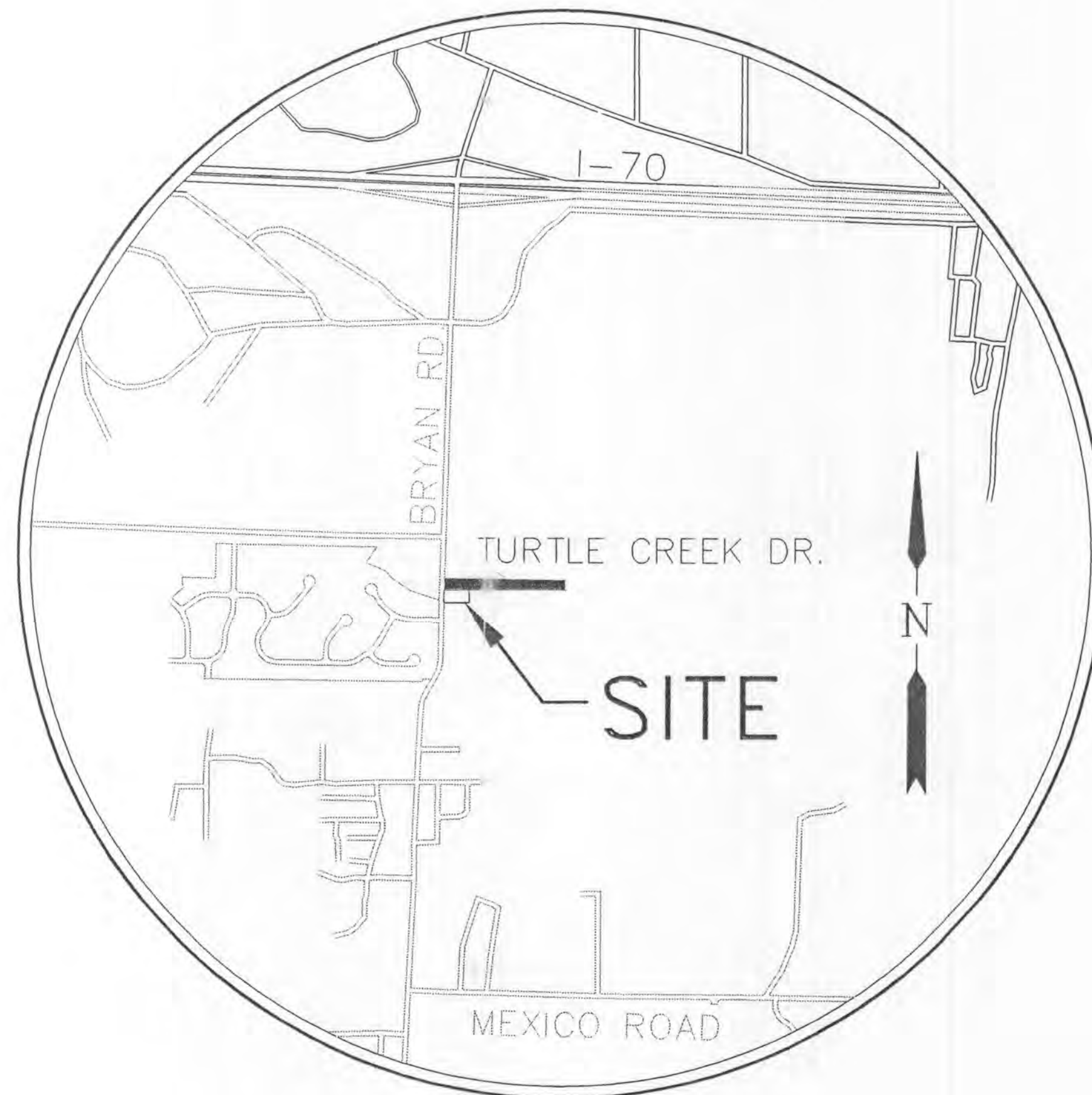
# CASEY'S GENERAL STORE

A TRACT OF LAND BEING PART OF  
 OF THE NORTHWEST QUARTER, OF THE NORTHWEST QUARTER,  
 OF SECTION 31, TOWNSHIP 47 NORTH, RANGE 3 EAST,  
 IN THE CITY OF O'FALLON, ST. CHARLES COUNTY, MISSOURI

BUILDING CONST. INST.  
**APPROVED**  
 AS NOTED  
 4-21-99  
  
 CHRIS LUTHEGGER

INDEX OF DRAWINGS	
SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
2	SITE & GRADING PLAN
3	GEOMETRIC PLAN
4	NOTES & DETAILS
5	DRAINAGE AREA MAP

LEGEND	
DESCRIPTION	SYMBOL
EXISTING CONTOURS	528
PROPOSED CONTOURS	528
EXISTING TREE MASS	
EXISTING TREE	
EXISTING UTILITIES	
GAS	20"G
ELECTRIC	E
WATER	6"W
METER SET	
TELEPHONE	T
UTILITY POLE	
WATER VALVE	
WATER METER	
EXISTING STORM SEWER	12"ST
PROPOSED STORM SEWER	
CURB INLET	
AREA INLET & OPEN SIDE	
GRATED INLET	
MANHOLE	
FLARED END SECTION	
END OF PIPE	
EXISTING SANITARY SEWER	8"S
PROPOSED DRAINAGE SWALE	
PROPOSED EARTH BERM (1' HIGH)	
PROPOSED SANITARY SEWER	
MANHOLE	
CLEANOUT	C.O.
SEWER DIRECTION OF FLOW	
STAKED STRAW BALES	
SILTATION FENCE	
PROPOSED STREET NAME SIGNS	+
LIGHT STANDARD	■
SPOT ELEVATION	+ [80.50]
STREET ADDRESS	[4395]
TO BE REMOVED	(T.B.R.)
TO BE ABANDONED	(T.B.A.)
USE IN PLACE	(U.I.P.)
TO BE REMOVED & RELOCATED	(T.B.R. & R.)
TO BE ABANDONED & RELOCATED	(T.B.A. & R.)
PROPOSED SIDEWALK	
TEST HOLES	TH5
MODULAR BLOCK RETAINING WALL	



LOCATION MAP  
 N.T.S.

SITE ACREAGE : 0.86 ACRES  
 WUNNENBURG P. NO. : PG 38, 18-RR  
 ZONING : "C-2"  
 ZIP CODE : 63366  
 FIRE DISTRICT : O'FALLON FIRE DIST.  
 ADDRESS : 1060 BRYAN ROAD

SITE BENCHMARK

BENCHMARK: ELEV. 593.18  
 TOP OF OPERATING NUT ON FIRE HYDRANT,  
 SOUTH SIDE OF BRYAN VALLEY DR. 230'±  
 WEST OF CENTERLINE BRYAN RD.

- PERTINENT DATA AND CALCULATIONS**
- 1.) PARKING REQUIREMENTS: 1 SPACE FOR EVERY 2 PUMPS = 2 SPACES REQUIRED. ALSO 10 SPACES FOR FIRST 2,000 SQ. FT. OF BLDG. FLOOR AREA AND 1 SPACE FOR EACH ADDITIONAL 400 SQ. FT. 12 PARKING SPACES. TOTAL SPACES REQUIRED 14 SPACES.
  - 2.) HANDICAP SPACE REQUIRED 12' WIDE WITH PROPER SIGNAGE. 16' WIDE SPACE SHOWN. 8" SPACE W/ 8' AISLE
  - 3.) ALL NEW UTILITIES SHALL BE LOCATED UNDERGROUND AS REQUIRED BY THE CITY OF O'FALLON.
  - 4.) INSTALL AN APPROVED MODULAR BACK FLOW PREVENTER OF THE RPZ TYPE ON THE DOMESTIC WATER SERVICE TO THE BUILDING. REQUIRED TESTING IS TO BE PERFORMED ON THE ORIGINALLY INSTALLATION OF THE REDUCED PRESSURE PRINCIPAL ASSEMBLY.
  - 5.) ALL OUTSIDE ENCLOSED AREAS REQUIRE SCREENING MIN. HEIGHT 6FT. BEING OF WOOD OR MATERIAL MATCHING BLDG.
  - 6.) THIS SITE IS NOT AFFECTED BY THE 100 YEAR FLOODPLAIN AS SHOWN ON THE FIRM PANEL 29183C0240E, DATED AUGUST 2, 1996.
  - 7.) PAVED AREA 0.42 AC.; BUILDING AREA 0.06 AC., "GREEN SPACE" 0.38 AC.
  - 8.) CITY ORDINANCE PROHIBITS COMPANY LOGOS ON THE CANOPY.
  - 9.) ALL CANOPY PANELS TO BE BLANK. "NO LOGOS"
  - 10.) STAGE 2 VAPOR RECOVERY REQUIRED ON PETROLEUM. INSTALLATION IS TO BE ACCORDING TO THE MoDNR SPECIFICATIONS.
  - 11.) O'FALLON FIRE PROTECTION DISTRICT APPROVAL OF THE IMPROVEMENT AND BUILDING PLANS IS REQUIRED.
  - 12.) 2 - 10,000 GALLON SINGLE WALL FIBERGLASS TANK 8'-0" x 31'-6"  
 1 - UNLEADED; 1 - SUPER UNLEADED GASOLINE PRODUCTS
  - 13.) TANK SETTING DETAILS PAGE TO BE ON ARCHITECTURAL CONSTRUCTION PLANS
  - 14.) ISLAND SIZE - 4 DOGSBONE @ 8' W/DUAL GUARD PIPE. SEE ARCHITECTURAL PLANS.
  - 15.) 4 - 4 HOSE GILBARCO QUAD (ADVANTAGE) DISPENSERS. SEE ARCHITECTURAL PLANS.
  - 16.) DO NOT PLACE PRODUCT PIPING UNDER ISLAND
  - 17.) 18" MIN. FROM TANK PIPING TO FINISH SURFACE
  - 18.) SEPARATE PERMITS FOR ALL SIGNS REQUIRED; SIGN DETAILS ARE TO BE SUBMITTED SEPARATELY.
  - 19.) DRIVEWAY JOINTS TO BE PACKED & CAULKED
  - 20.) CONCRETE DRIVE TROWELED WITH LIGHT BROOM FINISH
  - 21.) CONTROL JOINTS - MIN. 100 SQ.FT. - MAX. 175 SQ.FT. - 25% DEEP
  - 22.) APPROACHES TO BE 7" NONREINFORCED CONCRETE.
  - 23.) SLOPE RAMPS FOR BUILDING SIDEWALK 1:20
  - 24.) RUN VENT LINES UP SEPARATE CANOPY COLUMN. VERIFY WITH ARCHITECTURAL PLANS.
  - 25.) VERIFY ALL UTILITY LOCATIONS AND DIMENSIONS
  - 26.) SANITARY SEWER AND WATER LINE CONSTRUCTION AND CONNECTIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF O'FALLON, MO.

- O'FALLON FIRE PROTECTION DISTRICT REQUIREMENTS. 314-272-3493**
- 1.) KITCHEN FRYERS REQUIRE A COMMERCIAL KITCHEN EXHAUST SYSTEM AND A FIRE SUPPRESSION SYSTEM. PROTECTING THE COOKING HOOD AND APPLIANCES. SEPARATE SET OF PLANS AND PERMITS WILL BE REQUIRED. (25.00)
  - 2.) A SEPARATE PERMIT IS REQUIRED FOR EACH FUEL TANK AT A FEE OF 25.00 EACH.
  - 3.) PANIC HARDWARE WILL BE REQUIRED ON BACK EXIT DOORS IF THEY ARE TO BE LOCKED DURING OPEN HOURS.
  - 4.) DOUBLED KEYED DEAD BOLTS WILL NOT BE ALLOWED ON ANY EXIT DOORS. THE FRONT DOORS ARE ALLOWED DEAD BOLTS WITH THUMB TURNS.
  - 5.) EACH EXIT SIGN SYSTEM REQUIRES AN EMERGENCY LIGHT IN THE SAME UNIT. ADD AN ADDITIONAL EMERGENCY LIGHT IN KITCHEN ALL EMERGENCY LIGHTING TO HAVE BATTERY BACK-UP SYSTEMS.
  - 6.) TWO 10 LB. ABC FIRE EXTINGUISHERS W/SERVICE TAGS ARE REQUIRED PRIOR TO FINAL INSPECTION. ALSO INSTALL ONE 40BC FIRE EXTINGUISHER IN KITCHEN ALSO WITH SERVICE TAG.
  - 7.) SIX INCH ADDRESS NUMBERS ARE REQUIRED ON FRONT SIDE OF BUILDING NEAR FRONT ENTRANCE DOOR BEING OF CONTRASTING COLOR.
  - 8.) ALL EMERGENCY FUEL SHUT-OFFS WILL BE LOCATED AT THE COUNTER NEAR THE CASH REGISTER WITH PROPER MARKINGS.

**NOTE TO CONTRACTOR**

A. CONTRACTOR/SUBCONTRACTOR SHALL INVESTIGATE, ASCERTAIN AND CONFORM TO ANY AND ALL PERMIT REQUIREMENTS OF THE (ANY) VARIOUS AFFECTED UTILITY COMPANIES AND/OR REGULATORY AGENCIES WITH REGARDS TO MAKING CONNECTIONS TO, OR CROSSINGS OF, THEIR FACILITIES, WORKING WITHIN THEIR RIGHTS-OF-WAY OR EASEMENTS; INSPECTIONS AND ASSOCIATED DOLLAR CHARGES; AND/OR SPECIAL BACKFILL REQUIREMENTS. SUCH INVESTIGATION TO INCLUDE BUT NOT BE LIMITED TO THE MAKING OF NECESSARY APPLICATIONS AND PAYMENT OF ALL REQUIRED FEES.  
 B. THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS OR PROFILES ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR/SUBCONTRACTOR TO VERIFY THE FIELD LOCATIONS(S); ANTICIPATED CLEARANCES(S); AND THE EXISTENCE OF ANY FACILITIES NOT SHOWN HEREON, AS PART OF HIS INVESTIGATION(S) IN PARAGRAPH A ABOVE.

**ACCESSIBILITY**

SIDEWALKS, CURB RAMPS, RAMPS, WALKWAYS, AND ACCESSIBLE PARKING SPACES, EXTERIOR TO THE BUILDINGS AS PROPOSED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT APPROVED "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES" (ADAAG) INCLUDING SPECIFICATIONS FOR SIGNAGE, GRADES AND CONSTRUCTION MATERIALS. IN THE EVENT THERE IS A CONFLICT BETWEEN THE INFORMATION AS SHOWN UPON THE DRAWINGS AND THE ADAAG, ADAAG SHALL TAKE PRECEDENCE. PRIOR TO CONSTRUCTING ANY MODIFICATIONS FROM THE INFORMATION AS SHOWN, THE CONTRACTOR SHALL NOTIFY THE OFFICE OF THE ENGINEER AS TO THE SPECIFIC CONFLICT AND THE PROPOSED ADJUSTMENT.

**NOTICE TO CONTRACTOR**

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THEREFORE, THE RELATIONSHIP BETWEEN PROPOSED WORK AND EXISTING FACILITIES, STRUCTURES AND UTILITIES MUST BE CONSIDERED APPROXIMATE AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXACT LOCATION AND THE EXISTENCE OF ANY NOT SHOWN.  
 (ALL UTILITIES SHALL BE LOCATED BOTH HORIZONTALLY AND VERTICALLY TO VERIFY CLEARANCE/COVER OF ANY PROPOSED GRADING, SEWERS, FOOTINGS, ETC. PRIOR TO CONSTRUCTION. UTILITY COMPANY REPRESENTATIVES SHALL BE ON SITE DURING SUCH TIMES THAT EXCAVATION IS TAKING PLACE IN THE VICINITY OF THEIR FACILITIES.)

SITE: BRYAN ROAD SITE		OFALLON, MO. #2	
One Convenience Blvd., P.O. Box 3001, Ankeny, Ia. 50021		515-965-6100	
SCALE: 1"=20'-0"	DRAWN BY: T.GRUBER	DEPARTMENT: CONSTRUCTION DIVISION	DATE:
DRAWING INFORMATION: PLAN "G" 40'-0" x 68'-0"		REVISION: 01-12-99	

*CITY WATER & SEWER*

**DISCLAIMER**

THE WORK WHICH THE REGISTERED PROFESSIONAL ENGINEER HAS PREPARED OR HAD PREPARED UNDER HIS DIRECTION, AS AUTHENTICATED BY HIS SEAL AND SIGNATURE, IS THE PROPERTY OF THE ENGINEER OR FIRM AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN CONSENT OF THE ENGINEER OR FIRM. THE ENGINEER OR FIRM SHALL NOT BE LIABLE FOR ANY DAMAGE, LOSS, OR INJURY, INCLUDING REASONABLE ATTORNEY'S FEES, ARISING OUT OF OR IN CONNECTION WITH THE PERFORMANCE OF THIS PROFESSIONAL SERVICE, UNLESS SUCH DAMAGE, LOSS, OR INJURY IS CAUSED BY NEGLIGENCE OR WILLFUL MISFEASANCE. THE ENGINEER OR FIRM SHALL NOT BE LIABLE FOR ANY DAMAGE, LOSS, OR INJURY, INCLUDING REASONABLE ATTORNEY'S FEES, ARISING OUT OF OR IN CONNECTION WITH THE PERFORMANCE OF THIS PROFESSIONAL SERVICE, UNLESS SUCH DAMAGE, LOSS, OR INJURY IS CAUSED BY NEGLIGENCE OR WILLFUL MISFEASANCE. THE ENGINEER OR FIRM SHALL NOT BE LIABLE FOR ANY DAMAGE, LOSS, OR INJURY, INCLUDING REASONABLE ATTORNEY'S FEES, ARISING OUT OF OR IN CONNECTION WITH THE PERFORMANCE OF THIS PROFESSIONAL SERVICE, UNLESS SUCH DAMAGE, LOSS, OR INJURY IS CAUSED BY NEGLIGENCE OR WILLFUL MISFEASANCE.

**CASEY'S GENERAL STORE TITLE SHEET**

Prepared For: CASEY'S GENERAL STORES  
 One Convenience Blvd.  
 Ankeny, IA 50001  
 (515) 965-6100

122 N. Kirkwood Road  
 Kirkwood, MO 63122  
 Telephone: (314) 965-6286  
 Telecopier: (314) 965-7592

**WIND ENGINEERING COMPANY**  
 COPYRIGHT 1999  
 THESE DESIGNS AND DRAWINGS ARE COPYRIGHTED AND REMAIN THE PROPERTY OF WIND ENGINEERING. THEY MAY NOT BE USED OR REPRODUCED WITHOUT WRITTEN CONSENT.

Date:	03-29-99
Drawn By:	MG
Checked By:	DCW
Project Number:	98089
Sheet Number:	1 OF 5

MSD P-BASEMAP