

GENERAL NOTES

- Gas, Water and other underground utilities shall not conflict with the depth or horizontal location of existing and proposed sanitary and storm sewers including house laterals.
- Underground utilities have been plotted from available information and therefore their locations must be considered approximate only. The verification of the location of all underground utilities, either shown or not shown on these plans shall be the responsibility of the contractor, and shall be located prior to grading or construction of improvements.
- All grade shall be within 0.2 feet more or less of those shown on the grading plan.
- No slope shall be greater than 3 (horizontal) to 1 (vertical) and shall be either sodded or seeded and mulched. All disturbed ground in the Hwy. R.O.W. shall be sodded.
- Graded areas that are to remain bare for over two weeks shall be seeded and mulched.
- All erosion control systems shall be inspected and necessary corrections made within 24 hours of any rainstorm resulting in one-half inch of rain or more.
- This tract is served by:
 - COTTLEVILLE FIRE PROTECTION DISTRICT
 - DUCKETT CREEK SANITARY DISTRICT
 - CUIVRE RIVER ELECTRIC COOP.
 - ST. CHARLES GAS CO.
 - ST. CHARLES PUBLIC WATER DISTRICT NO. 2
- Site is not located within the 100 yr. Floodplain Boundary as per F.I.R.M. Map 290316, Panel 0430 E August 2, 1996.
- Developer must supply City construction inspectors with soil reports prior to or during site soil testing.

The soils report will be required to contain the following information on soil test curves (Proctor reports) for projects within the City:

 - Maximum dry density
 - Optimum moisture content
 - Maximum and minimum allowable moisture content
 - Curve must be plotted to show density from a minimum of 100% Compaction and above as determined by the "Modified AASHTO T-180 Compaction Test" (A.S.T.M. D-1157) or from a minimum of 95% as determined by the "Standard Proctor Test AASHTO T-99, Method C" (A.S.T.M. D-698). Proctor type must be designated on document.
 - Curve must have at least 5 density points with moisture content and sample locations listed on the document.
 - Specific gravity.
 - Natural moisture content.
 - Liquid limit.
 - Plastic limit.

Be advised that if this information is not provided to the City's Construction Inspector the City will not allow grading or construction activities to proceed on the project site.
- The Contractor shall assume complete responsibility for controlling all siltation and erosion of the project area. The Contractor shall use whatever means necessary to control erosion and siltation including, but not limited to, staked straw bales, and/or siltation fabric fences (possible methods of control are detailed in the plan). Control shall commence with grading and be maintained throughout the project until acceptance of the work by the Owner and/or the City of O'Fallon and/or MoDOT. The Contractor's responsibilities include all design and implementation as required to prevent erosion and the depositing of silt. The Owner and/or the City of O'Fallon and/or MoDOT may at their option direct the Contractor in his methods as deemed fit to protect property and improvements. Any depositing of silt or mud on new or existing pavement shall be removed immediately. Any depositing of silt or mud in new or existing storm sewers or swales shall be removed after each rain and affected areas cleaned to the satisfaction of the Owner and/or the City of O'Fallon and/or MoDOT.
- All fill placed under proposed storm and sanitary sewer, proposed roads, and/or paved areas shall be compacted to 95% of maximum density as determined by the Modified AASHTO T-180 Compaction Test or 100% of maximum density as determined by the Standard Proctor Test AASHTO T-99. All fill placed in proposed roads shall be compacted from the bottom of the fill up. All tests shall be verified by a soils engineer concurrent with grading and backfilling operations. The moisture content of the soil in fill areas is to correspond to the compactive effort as defined by the Standard or Modified Proctor Test. Optimum moisture content shall be determined using the same test that was used for compaction. Soil compaction curves shall be submitted to the City of O'Fallon prior to the placement of fill. Proof rolling may be required to verify soil stability at the discretion of the City of O'Fallon.

GRADING PERMIT PLAN FOR

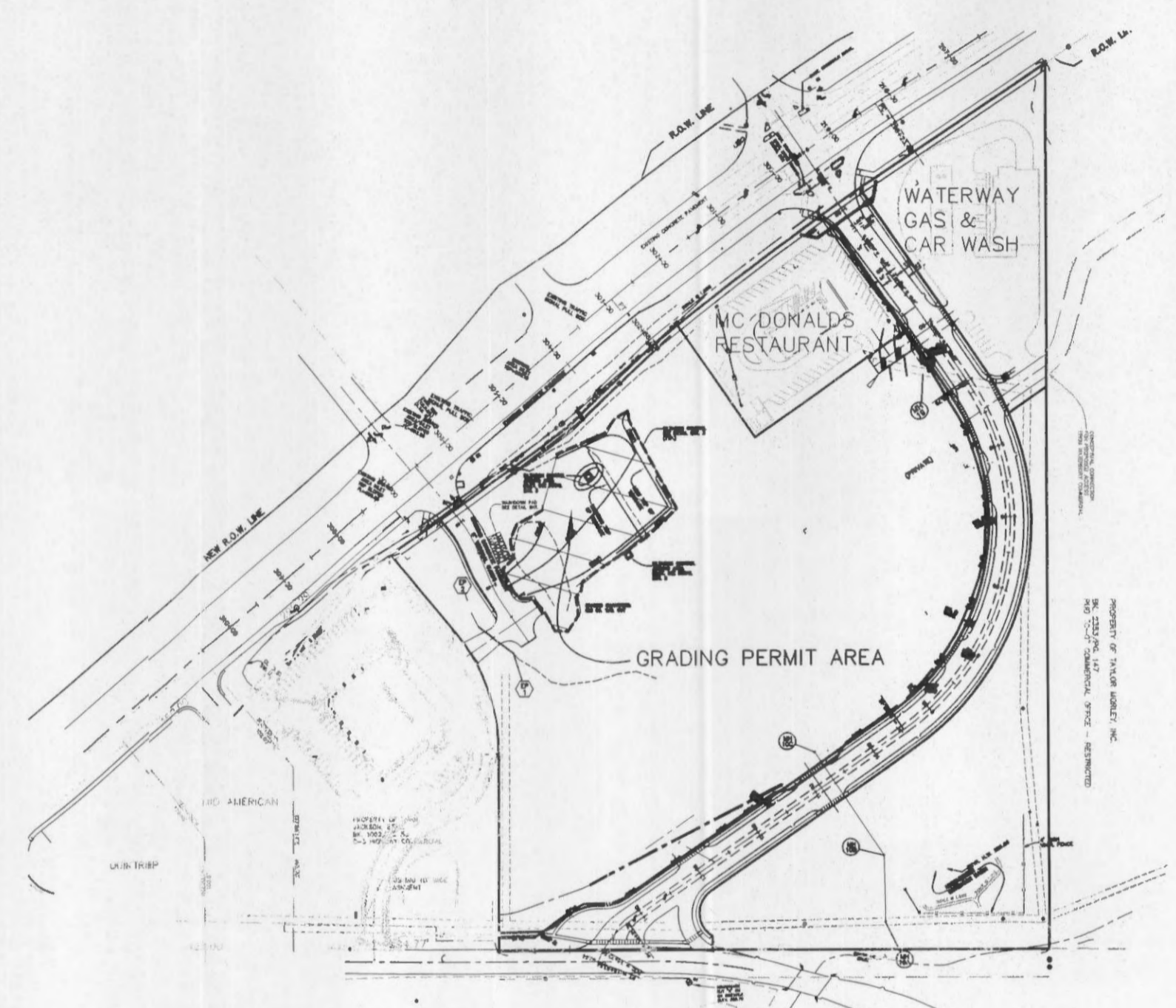
KINGSMILL CROSSING

A TRACT OF LAND BEING PART OF LOT 25 OF THE JOHN D. COALTER'S SUBDIVISION OF HOWELL'S PRAIRIE TRACT IN U.S. SURVEY 1669, T.46N., R.3E. ST. CHARLES COUNTY, MISSOURI

RECEIVED
MAY 09 2008

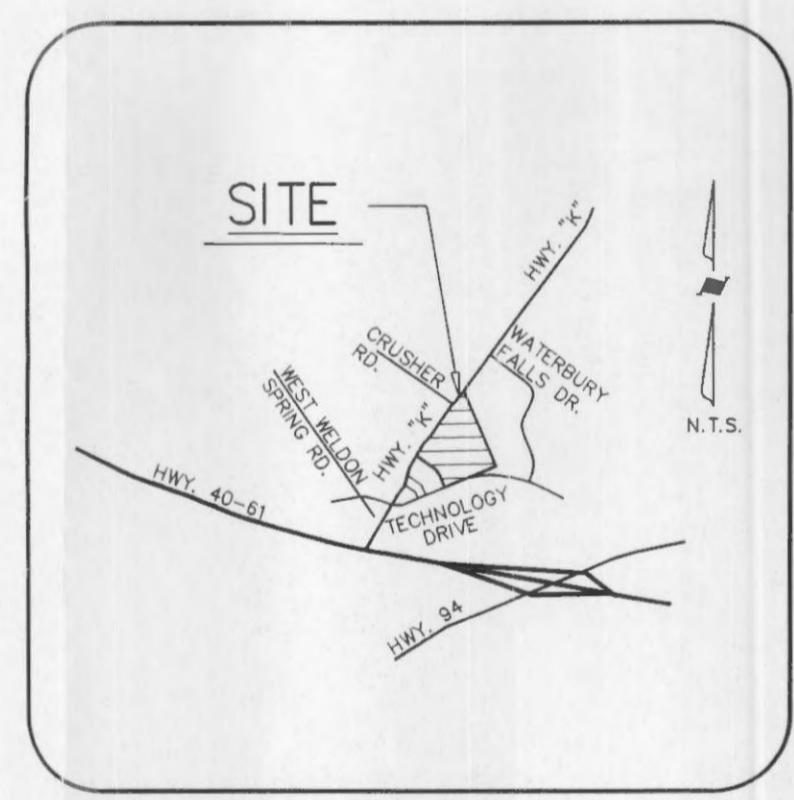
LEGEND

●	Sanitary Sewer (Proposed)	C.P.	Concrete Pipe
○	Sanitary Sewer (Existing)	R.C.P.	Reinforced Concrete Pipe
■	Storm Sewer (Proposed)	C.M.P.	Corrugated Metal Pipe
■	Storm Sewer (Existing)	P.V.C.	Polyvinyl Chloride Pipe
8"	Water Line and size	C.I.P.	Cast Iron Pipe
+	Fire Hydrant	V.C.P.	Vitrified Clay Pipe
+	Cap	E.P.	End Pipe
---	Existing Fence Line	C.O.	Flared End Section
---	Existing Tree Line	V.T.	Vent Trap
---	Existing Contour	M.H.	Manhole
---	Proposed Contour	C.I.	Curb Inlet
26	Lot or Building Number	D.C.I.	Double Curb Inlet
+	Street Sign	A.I.	Area Inlet
+	Power Pole with Guy Wire	D.A.I.	Double Area Inlet
+	Light Standard	G.I.	Grate Inlet
+	Gas Line	C.C.	Concrete Collar
+	Electric Line	U.I.P.	Use In Place
+	Telephone Line	T.B.R.	To Be Removed
+	Test Hole	T.B.R.&R.	To Be Removed & Relocated/Replaced
		Set I.R.	Set Iron Rod with Cap
		C.M.	Concrete Monument
		O.I.P.	Old Iron Pipe



SITE PLAN

NOT TO SCALE



LOCATION MAP

INDEX OF SHEETS

SHE NO.	DESCRIPTION
2	COVER SHEET
3	GRADING PLAN
3	CONSTRUCTION DETAILS AND NOTES

RECEIVED
JUL 11 2008
CONSTRUCTION INSPECTION
CITY OF O'FALLON

CITY OF O'FALLON
COMMUNITY DEVELOPMENT DEPARTMENT
ACCEPTED FOR CONSTRUCTION
BY: [Signature] DATE: 6-3-08
PROFESSIONAL ENGINEER
INDICATES RESPONSIBILITY FOR DESIGN

PROJECT BENCHMARK

- #5208 OLD CROSS ON SIDEWALK AT QUIK TRIP DRIVEWAY
ELEV. 558.51
- #60092 CUT "X" ON SIDEWALK AT TECHNOLOGY DR. (WELDON SPRINGS RD.)
ELEV. 528.79

ENGINEERS CERTIFICATION:
The following applies to ALL sheets and is involved in the preparation of the plans and documents project. The responsibility for Professional Engineering liability on it is limited to the set of plans displaying the signature and an impinged seal of the Engineer on each sheet. ALL responsibility is Disputed ALL review agency approvals are granted, for all other plans issued prior to this issue date, for this set when another set is in this date, if the sheets are used individually instead of a set. as for ALL sheets and documents involved in this project which certification appears on it or not. Copyright 2003. All Rights Reserved.

RICHARD G. WISCHMANN 003015059 DATE

No.	Date	Description	By
Prepared For:		WALMAR INVESTMENT CO. 14151 CLAYTON ROAD, CHESTERFIELD, MISSOURI 63017 TEL. NO. (636) 394-3577	Drawn by: G.W. Checked by: R.G.W. Issued on: 5/07/08
Zavradinos Professional Services, Inc. Engineers Surveyors Planners 2045 South Old Highway 94 St. Charles, MO 63303 (636) 946-5555			Job Number: 96119 Sheet: 1 of 3

Const. Inspector

M:\C:\proj\96119 Kings Mill, Walmar Investments\DWG\96119 KINGSMILL CROSSING GRADING PERMIT PLAN MAY 2008.dwg, 5/7/2008 11:47 AM