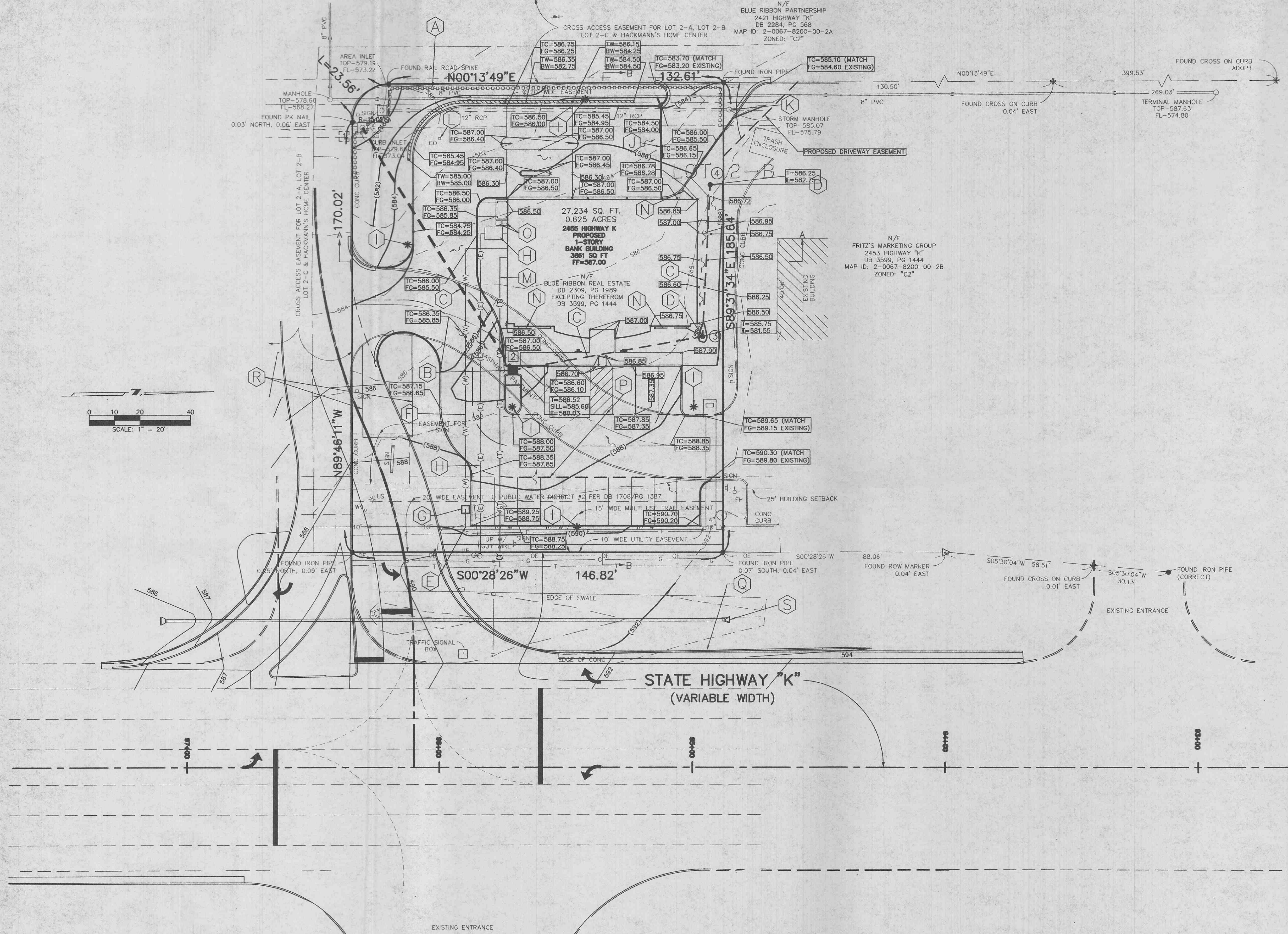


# RELIANCE BANK

PART OF LOT 2B OF HIGHWAY "K" CENTER, PLAT BOOK 35, PAGE 399  
(NORTHWEST CORNER OF MISSOURI STATE HIGHWAY K & HUTCHINGS FARM)  
CITY OF O'FALLON, ST. CHARLES COUNTY, MISSOURI

## LOT 2-A OF HIGHWAY "K" CENTER



### CONSTRUCTION NOTES

- (A) SILTATION CONTROL. SEE DETAILS ON SHEET C5.
- (B) BUILD NEW STREET INLET PER CITY OF OFALLON STANDARDS.
- (C) SEE STORM SEWER PROFILE ON SHEET C5.
- (D) NEW YARD DRAIN. SEE DETAIL ON SHEET C5.
- (E) NEW 1 1/2" TAP ON EXISTING 10" WATER MAIN PER THE PUBLIC WATER DISTRICT #2 STANDARDS.
- (F) NEW 1 1/2" DOMESTIC WATER SERVICE PER THE PUBLIC WATER DISTRICT #2 STANDARDS.
- (G) NEW WATER METER BOX PER THE PUBLIC WATER DISTRICT #2 STANDARDS. METER WILL BE PLACED IN EXISTING WATER DISTRICT EASEMENT.
- (H) NEW PAD MOUNTED TRANSFORMER AND UNDERGROUND ELECTRIC SERVICE. COORDINATE INSTALLATION WITH AMEREN UE.
- (I) NEW LIGHT STANDARD PER THE CITY OF OFALLON'S CODE. SEE PHOTOMETRIC PLAN.
- (J) NEW 6" PVC SANITARY LATERAL @ 2.00% MINIMUM SLOPE.
- (K) ADJUST EXISTING MANHOLE TO MATCH PROPOSED GRADE.
- (L) ADJUST EXISTING CLEANOUT TO MATCH PROPOSED GRADE.
- (M) NEW TELEPHONE SERVICE COORDINATE WITH LOCAL TELEPHONE COMPANY.
- (N) NEW 4" PVC DOWNSPOUT LATERAL.
- (O) NEW 3" HIGH A/C UNITS. UNITS SHALL BE SCREENED BY LANDSCAPING ON THE SOUTH AND EAST SIDES.
- (P) PROPOSED CROSS ACCESS EASEMENT.
- (Q) DRAINAGE SWALE SHALL BE ENCLOSED. AND THE SITE FRONTAGE ALONG HIGHWAY "K" SHALL BE SODDED. THIS WILL BE COORDINATED WITH INTERSECTION CONSTRUCTION. BY OTHERS.
- (R) 20'x40' TEMPORARY TRUCK WASH OFF AREA FOR USE DURING CONSTRUCTION. 6" CRUSHED AND COMPACTED ROCK PAD WITH 2" CLEAN ROCK. SEE DETAIL ON SHEET C5.
- (S) NEW CONCRETE FLARED END SECTION. CUT OFF WALLS ON FLARED END SECTIONS ARE 2' DEEP UPSTREAM AND 3' DOWNSTREAM. THIS WILL BE COORDINATED WITH INTERSECTION CONSTRUCTION. BY OTHERS.

- NOTES:**
1. ALL DOWNSPOUTS WILL DISCHARGE ON GRADE AT CURB, UNLESS SHOWN OTHERWISE.
  2. LIGHTING VALUES WILL BE REVIEWED ON SITE PRIOR TO FINAL OCCUPANCY INSPECTION. CORRECTIONS WILL NEED TO BE MADE IF NOT IN COMPLIANCE WITH CITY STANDARDS.
  3. ALL PROPOSED UTILITIES WILL BE LOCATED UNDERGROUND.
  4. FOR NEGATIVE ESTABLISHMENT TABLE SEE SHEET C6.

### EXISTING CONDITIONS:

0.100 ACRES @ 4.16 (PAVEMENT) = 0.42 CFS  
 0.525 ACRES @ 2.00 (GRASS) = 1.05 CFS  
 TOTAL = 1.47 CFS

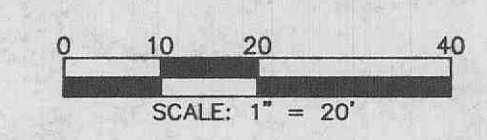
### PROPOSED CONDITIONS:

0.404 ACRES @ 4.16 (PAVEMENT & BUILDING) = 1.68 CFS  
 0.221 ACRES @ 2.00 (GRASS) = 0.44 CFS  
 TOTAL = 2.12 CFS  
 TOTAL INCREASE (2.12 - 1.47) = 0.65 CFS

INCREASE IN Q'S IS < 1.00 CFS, THEREFORE DETENTION IS NOT REQUIRED.

### NOTE:

CONTRACTOR SHALL BE RESPONSIBLE FOR USING BENCH MARK #9 ONLY FOR ELEVATION WORK ON THIS SITE



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**ENGINEERING/SURVEYING AUTHENTICATION**  
 THE RESPONSIBILITY FOR PROFESSIONAL ENGINEERING/SURVEYING LIABILITY ON THIS PROJECT IS HEREBY LIMITED TO THE SET OF PLANS AUTHENTICATED BY THE SEAL, SIGNATURE AND DATE HERE UNDER ATTACHED. RESPONSIBILITY IS DISCLAIMED FOR ALL OTHER ENGINEERING/SURVEYING PLANS INVOLVED IN THE PROJECT AND SPECIFICALLY EXCLUDES REVISIONS AFTER THIS DATE UNLESS RE-AUTHENTICATED.

**ENGINEERING/SURVEYING RELEASE**  
 THE ORIGINAL OF THIS DRAWING IS ON FILE AT THE OFFICE OF POEHLMAN & PROST, INC. ANY MODIFICATIONS TO THIS DRAWING SHALL RELEASE SAID POEHLMAN & PROST, INC., THE ENGINEER AND/OR SURVEYOR WHOSE SEAL APPEARS HEREON FROM ANY LIABILITY RESULTING FROM SAID UNAUTHORIZED MODIFICATIONS.

  
**BEFORE YOU**  
**DIG - DRILL - BLAST**  
 Call 1-800-344-7483  
 (TOLL FREE)  
 MISSOURI ONE CALL SYSTEM, INC.

**UTILITY LOCATION NOTE**

THE UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NONEXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UTILITIES, SHOWN OR NOT SHOWN, AND SAID UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. THESE PROVISIONS SHALL IN NO WAY ABSOLVE ANY PARTY FROM COMPLYING WITH THE UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT, CHAPTER 319, RSMO.

### PLANNING & ZONING FILE #0604

<p><b>PoeHlman &amp; Prost, Inc.</b>                  Land Surveying and Civil Engineering</p> <p>P.O. Box 8340                  9280 Diehman Industrial Drive                  St. Louis, Missouri 63132                  (314) 997-5777                  FAX 997-0407                  E-Mail: ppe@poehlman-prost.com</p>	<p>ISSUE DATE: <b>1-16-04</b></p> <p>DRAWN BY: B. URBAN II DATE: 1-16-04</p> <p>CHECKED BY: T. HAMILTON DATE: 1-16-04</p> <p>PROOFED #: 2045MH DATE: 1-16-04</p>	<p>Revised: 1-27-04 BID/30%                  2-4-04                  3-3-04                  3-19-04                  6-23-04                  6-17-04</p>
	<p>Project: <b>RELIANCE BANK (NORTHWEST CORNER OF MISSOURI STATE HIGHWAY K &amp; HUTCHINGS FARM)</b></p> <p>Prepared For: <b>RELIANCE BANK                  11781 MANCHESTER ROAD                  DES PERES, MISSOURI 63131                  314-965-5300 FAX: 314-965-0321</b></p>	
<p>Sheet Title: <b>GRADING AND UTILITY PLAN</b></p>		<p>Project Number: <b>203-078</b></p> <p>Sheet: <b>C4 OF 8</b></p>