

LEGEND

- - - - - EXISTING CONTOUR
- — — — — PROP. CONTOURS
- ⊕ HIGH POINT
- DIRECTION OF FLOW
- ⊕ 566.10 TOP OF PAVEMENT OR PROPOSED GRADE
- 566.30 POST CONSTRUCTION ELEVATION
- TC TOP OF CURB
- ME MATCH EXISTING
- — — — — DRAINAGE BOUNDARY

- NOTES**
1. ALL SPOT ELEVATIONS ARE TOP OF PAVEMENT UNLESS OTHERWISE NOTED. ADD 0.50' TO SPOT GRADES SHOWN FOR TOP OF CURB ELEVATIONS.
 2. PROPOSED DRAINAGE ACCOMMODATED BY EXISTING 18" RCP STUBBED OUT TO SITE.
 3. DRAINAGE CALCULATIONS TAKEN FROM HORIZON RIDGE ADDITION PLANS DATED 04/29/05.

RUNOFF CALCULATIONS

DRAINAGE AREA NO.	AREA (Ac.)	C (Coeff.)	t _c (min.)	I ₁₀₀ (in./hr.)	Q ₁₀₀ (cfs)	REMARKS
1	0.40	0.90	10.0	9.8	3.53	TO PROPOSED CURB INLET
2	0.04	0.90	10.0	9.8	0.35	DRAINS TO SOUTH

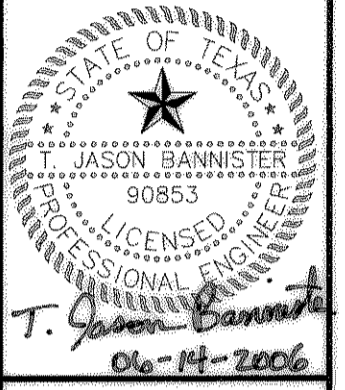
* EXISTING 18" RCP CAPACITY = 15.3cfs PER HORIZON RIDGE ADDITION PLANS DATED 04/29/05

RECORD DRAWING
T. Jason Bonaster, P.E.
 DATE 06-14-2006
 THIS RECORD DRAWING HEREBY REFLECTS TO THE BEST OF THE DESIGN ENGINEER'S KNOWLEDGE BASED ON A FIELD VERIFICATION SURVEY DIRECTED BY THE ENGINEER. THE LOCATION OF THE CONSTRUCTED WORK, USING INFORMATION AS PROVIDED BY THE CONTRACTOR, FIELD VISITS AND THE REFERENCED SURVEY.

BENCHMARKS
 "X" found for corner in the southwest line of F.M. Road No. 3097, a 100 foot right-of-way at this point, said point being at the southeasterly corner of a 7.5 foot strip of land dedicated for widening of said F.M. Road No. 3097 as shown by plat of Lot 1, Block A of Mr. M Addition

No.	Date	Revisions	App.

Kimley-Horn and Associates, Inc.
 801 Cherry Street, Unit 11, Suite 1025
 Fort Worth, Texas 76102
 Tel. No. (817) 335-6511
 Fax No. (817) 335-5070



**PANDA EXPRESS
 LOT 20, BLOCK A
 HORIZON RIDGE ADDITION
 ROCKWALL, TEXAS**

**GRADING AND
 DRAINAGE PLAN**

Scale: AS SHOWN
 Designed by: TJB
 Drawn by: MAS
 Checked by: JWL
 Date: JUNE 2006
 Project No. 066061015

SHEET
 C-4
 OF 6