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CAUTION!!!
CALL: TEXAS ONE CALL @
1-800-245-4545
48 HRS PRIOR TO CONSTRUCTION.

!!! CAUTION !!!
UNDERGROUND UTILITIES

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION SUPPLIED BY VARIOUS OWNERS OF THE FACILITIES. THE ENGINEER DOES NOT ACCEPT THE RESPONSIBILITY FOR THE UTILITY LOCATIONS SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION, TO TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED, AND TO NOTIFY THE ENGINEER PROMPTLY OF ALL CONFLICTS OF THE WORK WITH EXISTING FACILITIES. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE BY THE CONTRACTOR TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OR HER EXPENSE.

DRAINAGE CRITERIA

Q=C I A
I₁₀₀=9.8 in/hr
t_c=10 min.
C=0.90

DRAINAGE DATA CHART						
DRAINAGE AREA NO.	DRAINAGE AREA (Acres)	C	T _c (min)	I ₁₀₀ (in/hr)	Q ₁₀₀ (cfs)	COMMENTS
A	0.73	0.9	10	9.8	6.4	DRAINS TO EXISTING FLUME AT NE CORNER
B	0.19	0.9	10	9.8	1.7	OVER EX. RETAINING WALL TO EXISTING WYE INLET
C	0.02	0.9	10	9.8	.18	DRAIN TO RALPH HALL PARKWAY

AS-BUILT

NOTE:
THESE PLANS HAVE BEEN REVISED TO CONFORM WITH CONSTRUCTION RECORDS PROVIDED BY CONTRACTOR.



BENCHMARK
CITY OF ROCKWALL BENCHMARK#R017, ±250 EAST OF HORIZON RD IN MEDIAN OF RALPH HALL ROAD.
ELEVATION=549.46'

DRAINAGE AREA MAP
CHASE BANK-HORIZON & RALPH HALL
CITY OF ROCKWALL
DALLAS COUNTY, TEXAS

O'DONALD ENGINEERING LLC

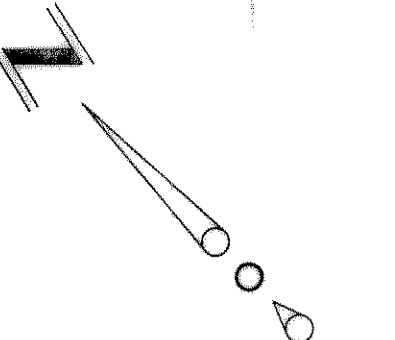
1601 E. Lamar Blvd, Suite 210
Arlington, Texas 76011
Phone 817.794.0202
Fax 817.548.8430

DATE
08/25/08
SCALE
1"=20'
JOB NO
0007027
SHEET
C3

LEGEND

- EXISTING CURB
- PROPOSED CURB
- XXXXXXX— EXISTING STORM PIPE
- 550--- EXISTING CONTOUR
- [550] PROPOSED CONTOUR
- R— PROPOSED RIDGE
- PROPOSED FLOW ARROW
- PROPOSED DRAINAGE AREA DIVIDE
- (X) AREA DESCRIPTION

0 20 40
GRAPHIC SCALE
1"=20'



HORIZON ROAD. (F.M. 3097)

(100' PUBLIC R.O.W.)

ASPHALT

NOTE:
WE WILL BE USING THE EXISTING FLUME, THEREFORE WE WILL NOT NEED A PERMIT FROM TxDOT.

S 45°45'02" E - 180.00'

RALPH HALL PARKWAY
(60' PUBLIC R.O.W.)

N 44°45'58" E - 240.00'

PROPOSED BANK
FF=553.7
BUILDING
SF=4,282

EXISTING DRAINAGE AREA DIVIDE

ADDITIONAL AREA DRAINS TO ADJACENT PARKING LOT (±0.016 ACRES, ±0.14 c.f.s.)

PROPOSED DRAINAGE AREA DIVIDE

EXISTING BRICK RETAINING WALL

0.18 c.f.s. OUT DRIVE

N 45°45'02" E - 180.00'