

STORM WATER RUNOFF CALCULATIONS

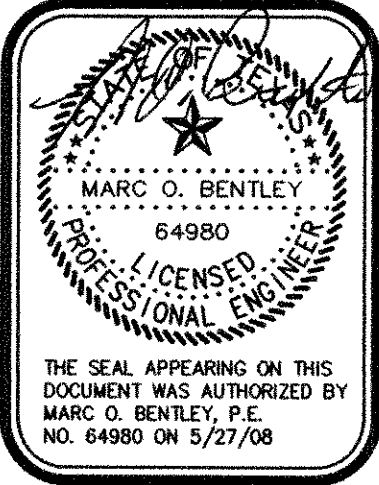
| AREA NO. | ACRES | TC (min) | "c" | "100" (IN./HR.) | "Q ₁₀₀ " (cfs) | DISCHARGE TO |
|----------|-------|----------|-----|-----------------|---------------------------|-------------------|
| A | 1.96 | 10 | 0.9 | 9.8 | 17.3 | DETENTION SYSTEM* |
| B | 2.01 | 10 | 0.9 | 9.8 | 17.7 | DETENTION SYSTEM* |
| C | 0.61 | 10 | 0.9 | 9.8 | 5.4 | ADJACENT PROPERTY |
| D1 | 0.35 | 10 | 0.9 | 9.8 | 3.1 | EX. DITCH IN ROAD |
| D2 | 0.36 | 10 | 0.9 | 9.8 | 3.2 | EX. DITCH IN ROAD |

* NOTE: SEE SHEET C4 FOR ALL DETENTION CALCULATIONS AND DETAILS.

- LEGEND
- DRAINAGE AREA BOUNDARY
 - DRAINAGE AREA DESIGNATION
 - EXISTING CONTOUR
 - PROPOSED CONTOUR

RECORD DRAWING
 IMPROVEMENTS INDICATED ON THESE PLANS WHERE REVISED IN ACCORDANCE WITH THE ASBLUIT SURVEY PERFORMED BY LANE'S SOUTHWEST SURVEYING, INC. AND PROVIDED TO BENTLEY ENGINEERING, INC. ON 12/03/08.
 DATE: DECEMBER 3, 2008

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 ROCKWALL, TEXAS 75043
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DRAINAGE AREA MAP
 SHENANIGANZ
 CITY OF ROCKWALL, TEXAS

RECORD DRAWING

| No. | Date | REVISION PER CITY COMMENTS |
|-----|---------|----------------------------|
| 1 | 6/12/08 | REVISION |

Scale: 1"=30'
 File Name: SGSITE
 Date: APRIL 2008
 Project No.: 28110

Sheet
C3