



**DRAINAGE LEGEND**

<b>A</b>	AREA NO
<b>1.74</b>	AREA ACREAGE
<b>15.35</b>	Q <sub>100</sub> (CFS)

**DRAINAGE AREA CALCULATION**

AREA	T <sub>c</sub> (MIN)	C	I <sub>100</sub> (IN/HR)	A (AC)	Q <sub>100</sub> (CFS)
A	10	0.35	9.8	12.81	43.94
B	10	0.35	9.8	7.90	27.10
C	10	0.35	9.8	3.59	12.31

- NOTE:**
1. FOR EXISTING CONDITION, BUFFALO CREEK RECEIVE Q<sub>100</sub> = 60.05 CFS AND DUE TO SHEET C-4, BUFFALO CREEK RECEIVE Q<sub>100</sub> = 22.77 CFS
  2. THE CAPACITY OF DETENTION POND 1,270,701 CFS

**AS BUILT**  
 THIS IS TO CERTIFY THAT CHANGES AND CORRECTIONS HAVE BEEN MADE TO CONFORM TO THE CONTRACTOR'S RECORD OF THIS PROJECT.



<b>EXISTING DRAINAGE AREA MAP</b>					
<b>HORIZON RIDGE MEDICAL PARK</b>					
<b>CITY OF ROCKWALL, TEXAS</b>					
<b>PSA ENGINEERING</b> 17819 DAVENPORT ROAD, SUITE 215 DALLAS, TX 75252 (972) 248-9651					
DESIGN	DRAWN	DATE	SCALE	CHECK	FILE NO.
PSA	PSA	06/23/08	AS SHOWN	PSS	2616.HRM C-4.1

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AS BUILT