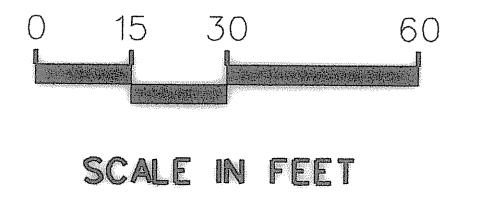
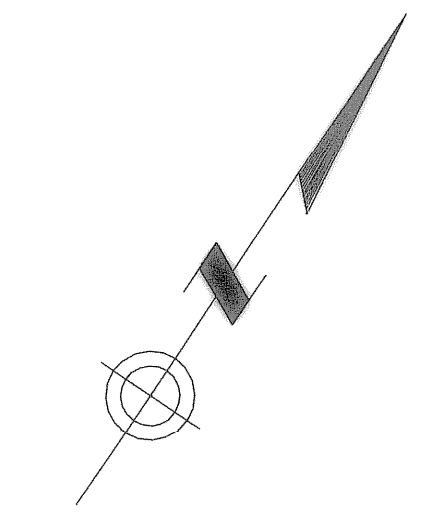


NOTE:
 TO THE BEST OF OUR KNOWLEDGE ERIC L. DAVIS ENGINEERING, INC., HEREBY STATES
 THAT THIS PLAN IS AS-BUILT. THE INFORMATION PROVIDED IS BASED ON SURVEYING
 CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

LEGEND

DA 3
 0.24 AC DA NUMBER & ACRES

EXISTING DRAINAGE DIRECTION



Existing Drainage Area Calculations

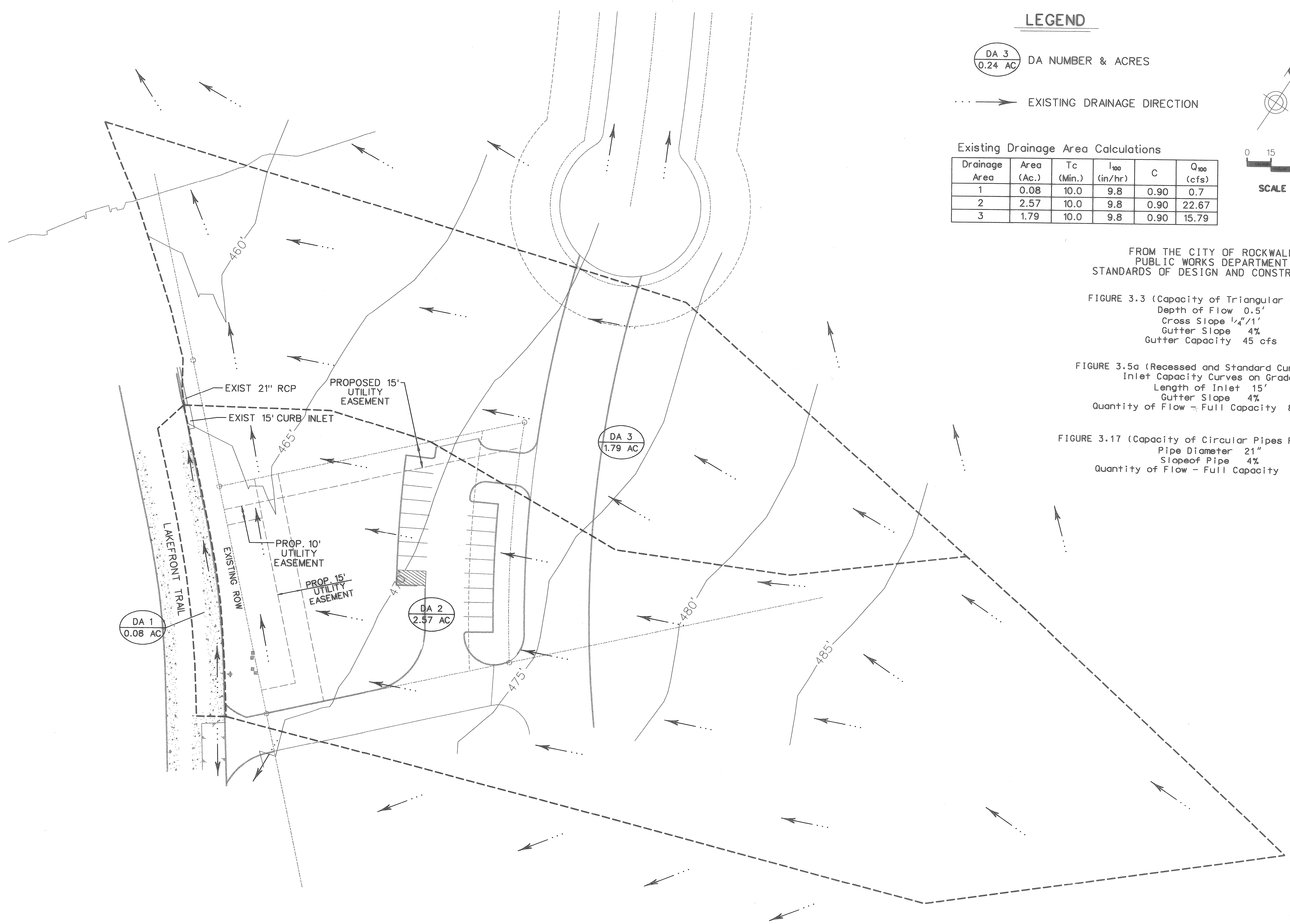
Drainage Area	Area (Ac.)	Tc (Min.)	I ₁₀₀ (in/hr)	C	Q ₁₀₀ (cfs)
1	0.08	10.0	9.8	0.90	0.7
2	2.57	10.0	9.8	0.90	22.67
3	1.79	10.0	9.8	0.90	15.79

FROM THE CITY OF ROCKWALL
 PUBLIC WORKS DEPARTMENT
 STANDARDS OF DESIGN AND CONSTRUCTION

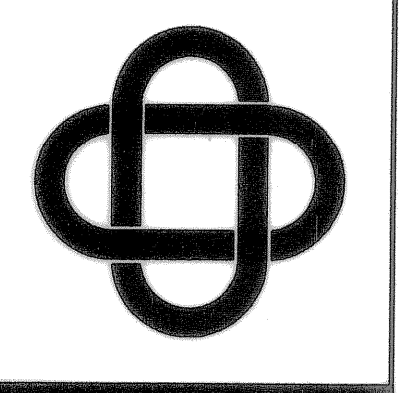
FIGURE 3.3 (Capacity of Triangular Gutters)
 Depth of Flow 0.5'
 Cross Slope 1/4"/1'
 Gutter Slope 4%
 Gutter Capacity 45 cfs

FIGURE 3.5a (Recessed and Standard Curb Opening Inlet Capacity Curves on Grade)
 Length of Inlet 15'
 Gutter Slope 4%
 Quantity of Flow - Full Capacity 8.4 cfs

FIGURE 3.17 (Capacity of Circular Pipes Flowing Full)
 Pipe Diameter 21"
 Slope of Pipe 4%
 Quantity of Flow - Full Capacity 32 cfs



DATE	BY	REV	REVISION

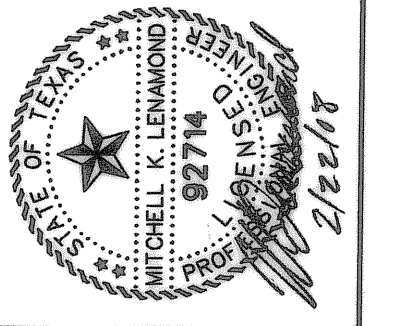


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**EXISTING DRAINAGE
 AREA MAP**
 SHORELINE PLAZA
 CITY OF ROCKWALL, ROCKWALL CO, TEXAS

DEVELOPER	
JOB NO.	
DATE BY	
CHECKED BY	
DATE	

AS-BUILT



SCALE: 1"=30'

SHEET 6 OF 14

SHEET **6**

Shoreline Plaza_06_Exist_Drain_Area_Map.sht
 PLOTTED BY: David
 2/22/2008 10:45:18 AM