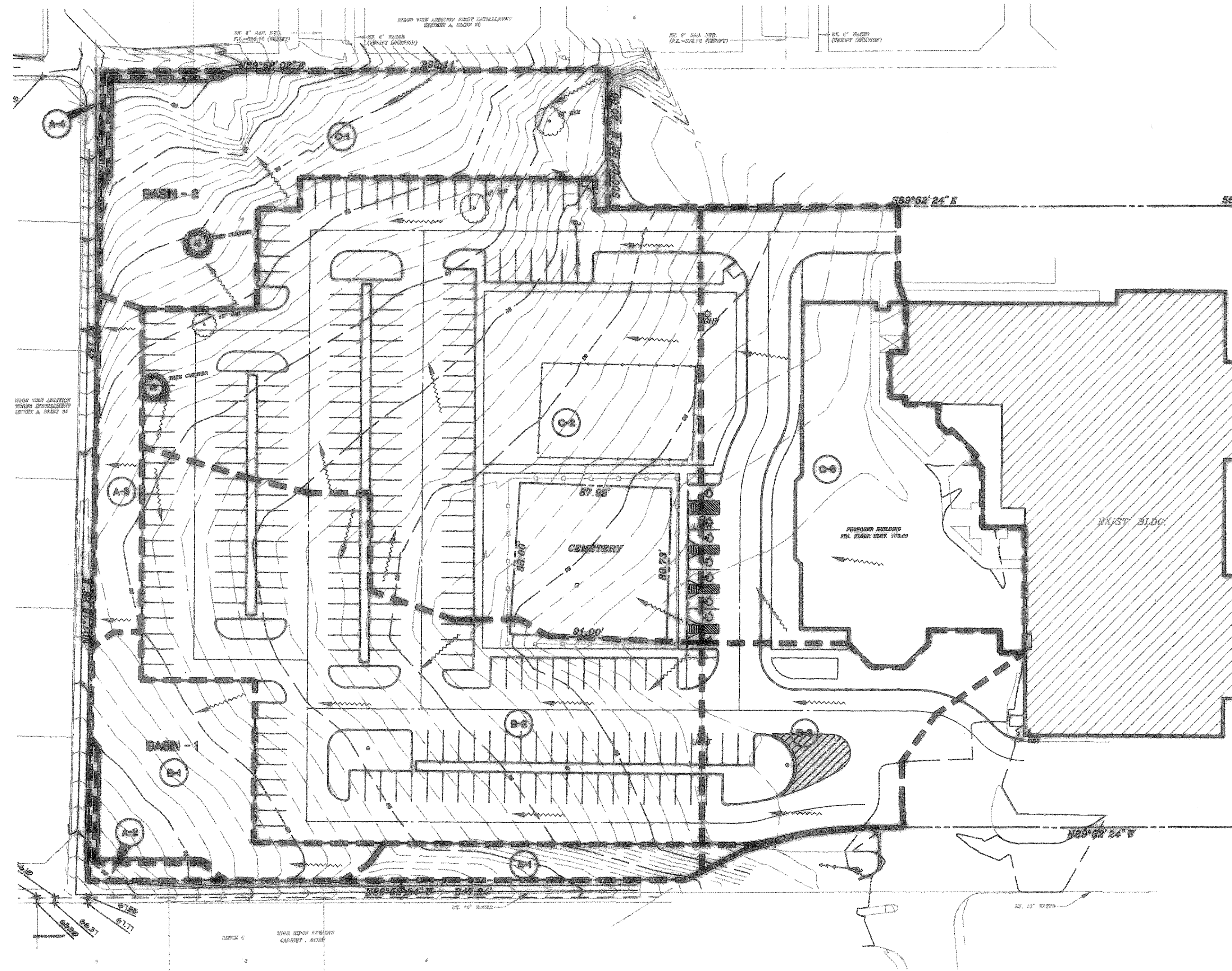


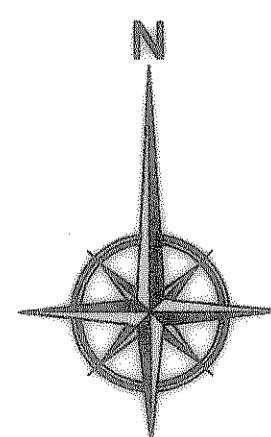
DRAINAGE CRITERIA							Q = CIA	REMARKS
AREA NO.	AREA AC	Tc	c	I IN	Q ₁₀₀	ΣQ ₁₀₀		
A-1	0.13	10	0.40	9.8	0.51		SHEET FLOW - OFF SITE	
A-2	0.06	10	0.40	9.8	0.24		SHEET FLOW - OFF SITE	
A-3	0.13	10	0.40	9.8	0.51		SHEET FLOW - OFF SITE	
A-4	0.05	10	0.40	9.8	0.20		SHEET FLOW - OFF SITE	
B-1	0.28	10	0.40	9.8	1.10			
B-2	1.07	10	0.80	9.8	8.39		BASIN 1 DETECTION	
B-3	0.35	10	0.80	9.0	2.52	12.01	ORFICE SEE DETAIL	
C-1	0.59	10	0.40	9.8	2.31			
C-2	1.49	10	0.80	9.8	11.68		BASIN 2 DETECTION	
C-3	0.76	10	0.80	9.8	5.46	19.46		

* REFER TO ATTACHED CALCULATIONS FOR ANALYSIS



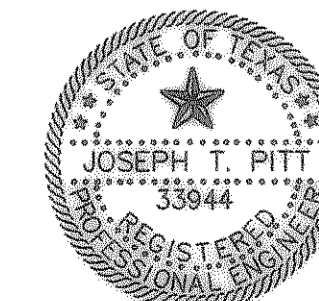
- LEGEND**
- EXISTING FENCE
 - EXISTING LIGHT POLE
 - EXISTING POWER POLE
 - EXISTING GUY WIRE
 - EXISTING TELEPHONE BOX
 - EXISTING MANHOLE
 - EXISTING TREE
 - EXISTING CONTOUR LINE
 - PROPOSED RETAINING WALL
 - PROPOSED FENCE
 - DRAINAGE DIVIDE
 - DRAINAGE AREA DESIGNATION
 - DRAINAGE FLOW ARROW

BENCHMARK:
ON SITE BENCHMARK, FINISH FLOOR OF EXISTING
BUILDING, RELATIVE ELEVATION - 100.00 = 595.28
CITY DATUM.



01 DRAINAGE AREA MAP

1"=40'



FIRST BAPTIST CHURCH			
DEVELOPMENT PLANS - 1998 ADDITION BOYDSTON AVENUE AT GOLIAD STREET			
DATE	JOB NO.		
MAR 98	97-102		
DRAWN BY	SHEET NO.		
AAJ	C-4		
CHECKED BY			
J.P.			

TMBP
TEN SVCK • HERRITT • BARNETT • PITT
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