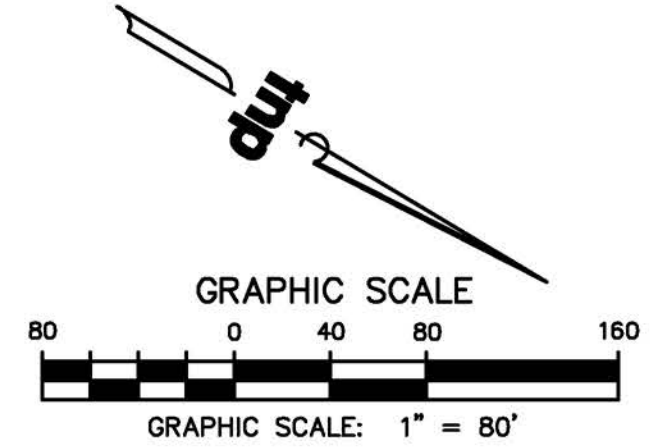




Drawing: P:\PROJECTS\18118219\CAD\Sheet\PHASE 1 - NORTH\28 DRAINAGE AREA MAP CALC.dwg dt Sep 27, 2019 - 10:37am by jhollis
 Layout: 27 DRAINAGE AREA MAP
 Xrefs: xref:18118219.dwg - xref:18118219.dwg - xref:18118219.dwg - xref:18118219.dwg - xref:18118219.dwg - xref:18118219.dwg - xref:18118219.dwg - xref:18118219.dwg - xref:18118219.dwg - xref:18118219.dwg

LEGEND	
	PROPERTY LINE
	CONTOUR LINE
	BASIN ID ACRES
	DRAINAGE DIVIDE
	FLOW ARROW
	EX. STORM DRAIN PIPES
	EX. INLET

DRAINAGE AREA CALCULATIONS TABLE								
AREA ID	DRAINAGE AREA ACRES	RUNOFF COEFF. C	CxA	TIME OF CONCENTRATION	DESIGN STORM FREQUENCY	INTENSITY I100	STORM RUNOFF Q100	DRAINS TO/REMARK
				Tc MIN	YRS	IN/HR	CFS	
A-1	0.13	0.50	0.07	10	100	9.80	0.64	EX CURB INLET A1
A-2	0.84	0.50	0.42	10	100	9.80	4.12	EX CURB INLET A2
A-3	0.17	0.50	0.09	10	100	9.80	0.83	CURB INLET A3
A-4	1.70	0.50	0.85	10	100	9.80	8.33	CURB INLET A4
A-5	1.38	0.50	0.69	10	100	9.80	6.76	CURB INLET A3
A-6	0.55	0.50	0.28	10	100	9.80	2.70	CURB INLET A4
A-7	3.11	0.50	1.56	10	100	9.80	15.24	DRAINAGE TO DRIFTWOOD ST.
A-8	1.95	0.50	0.98	10	100	9.80	9.56	DRAINAGE TO DRIFTWOOD ST.
A-9	0.63	0.50	0.32	10	100	9.80	3.09	DRAINAGE TO VALLEY DR. (WEST)
A-10	2.78	0.50	1.39	10	100	9.80	13.62	DRAINAGE TO VALLEY DR. (EAST)



no.	revision	by	date

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scale when bar is 1 inch long
 horiz 1" = 80'
 vert N/A
 SEP 2019



RECORD DOCUMENTS
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CITY OF ROCKWALL, TEXAS
HIGHLAND DRIVE RECONSTRUCTION, PHASE I
 (DRIFTWOOD STREET TO BEDFORD FALLS LANE)
DRAINAGE AREA MAP

tnp project
RWL18219
 sheet
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