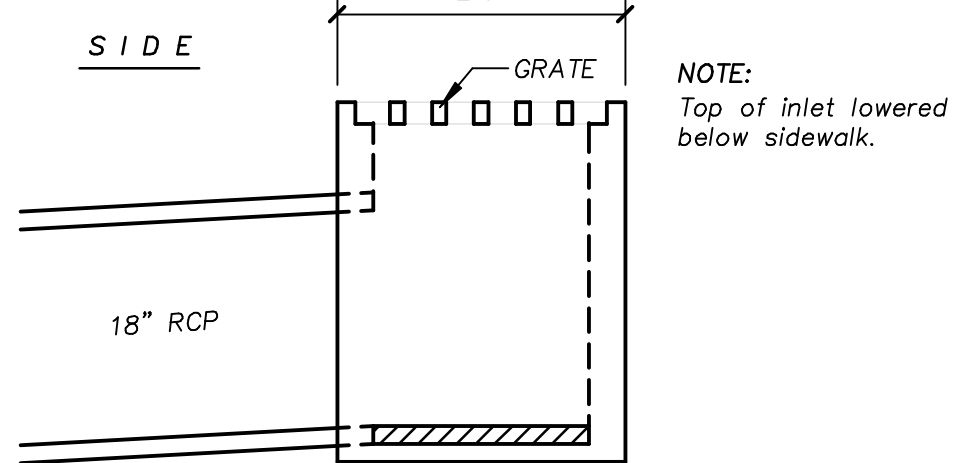
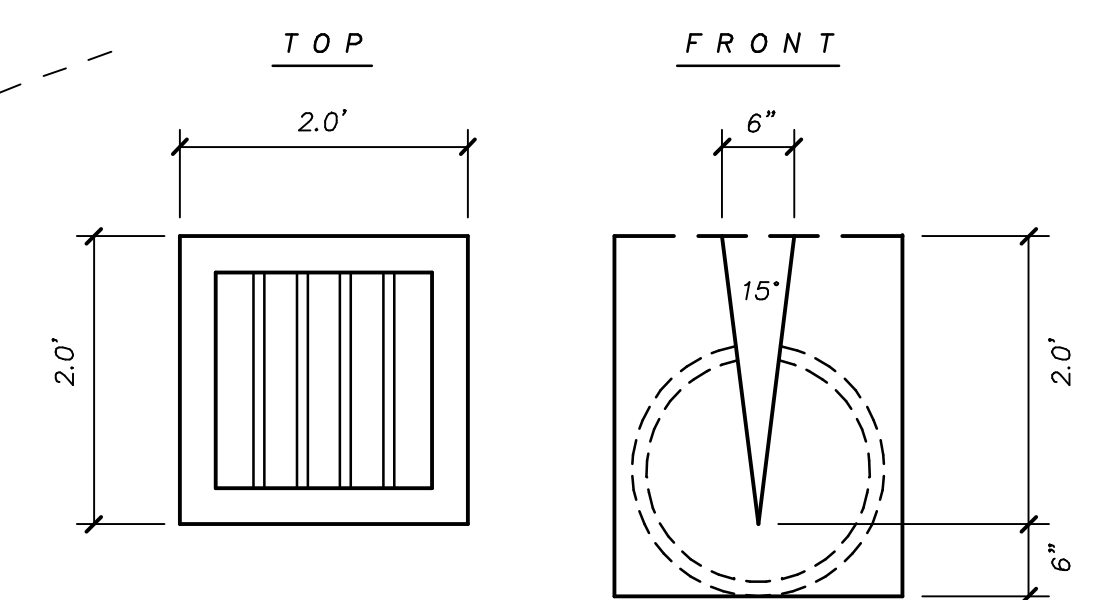
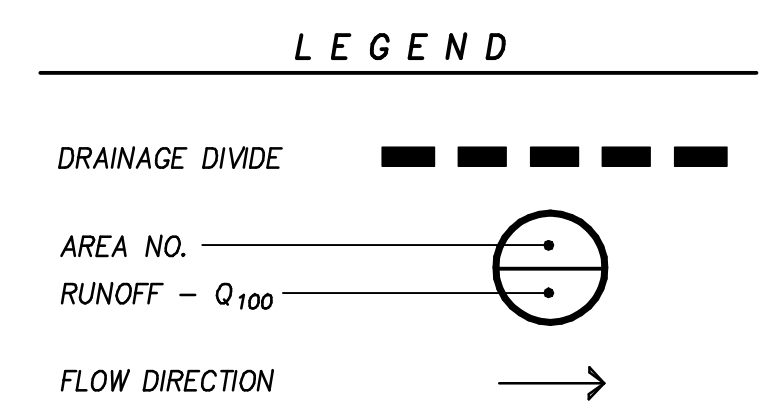


LINE "A"
SCALE: H 1" = 40'
V 1" = 4'

DRAINAGE CALCULATIONS						
AREA NO.	AREA (AC.)	TC (MIN.)	C	1 100 IN/HR	Q 100 C.F.S.	DRAINS TO
1	0.38	10	0.90	9.80	3.35	Ralph Hall Detention Pond
2	0.59	10	0.90	9.80	5.20	Market Center Detention Pond
3	0.07	10	0.90	9.80	0.62	Existing Inlet

NOTE:
ALL DRAINAGE STRUCTURES SHALL BE A MINIMUM OF 4,200 PSI (MIN. 6.5 SACK).



"V" NOTCH OUTFALL STRUCTURE
Market Center
N15

CAUTION EXISTING UTILITIES !!!
EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION, TO TAKE THE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.

BENCHMARK :
"X" CUT IN CONCRETE SIDEWALK AT NORTHEAST CORNER OF MARKET CENTER & RALPH HALL
ELEV: 542.19

NOTE:
Ralph Hall - 10', 4" Opening

Revision	Date	Description
Owner: Homebank P.O. Box 909 • Seagoville, Texas • 75159 Phone: 972-287-2030 Fax: 972-287-2476		
Homebank Rockwall, Texas		
~ Civil Engineer ~ F.C. CUNY CORPORATION #2 Horizon Court • Heath, Texas 75032 • (409) 402-7700 Texas Registered Engineering Firm F-7449		
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY CHRISTOPHER R. CUNY, P.E. 65642 6-12-2011 F.C. CUNY CORPORATION F-7449		
Drawn By:	Checked By:	
F.C. CUNY	F.C. CUNY	
Date:	Project No.:	
06/11	-	
Sheet Title:		
Drainage Plan		
Scale:	Sheet No.:	
1" = 20'	7 of 9	