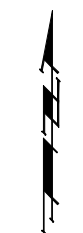




### NOTES

1. THE 10' X 4' CULVERT SIZE IS BASED ON A 100 YR. EVENT UNDER POST-DEVELOPMENT CONDITIONS. DRAINAGE AREA IS 478 ACRES (193 HECTARES). A SERIES OF DETENTION PONDS WILL BE CONSTRUCTED AS PART OF THE FOX RIDGE DEVELOPMENT. THE POST-DEVELOPMENT FLOW OUT OF THE LAST OF THE SERIES OF DETENTION PONDS IS 226 CFS (6.4 CMS).
2. BETWEEN A POINT 500' (152 M) EAST OF MAIZE ROAD AND 1000' (305 M) WEST OF TYLER ROAD, FLOW IN THE 29TH STREET CURB & GUTTER GOES TO AN UNDERGROUND COLLECTOR PIPE ON THE NORTH SIDE OF 29TH STREET. THIS COLLECTOR PIPE DISCHARGES TO THE 10' X 4' RCBC. EAST OF THIS STRETCH THE NEW CURB & GUTTER TIES INTO THE EXISTING BRADFORD NORTH STORM SEWER SYSTEM. ON THE WEST END, THE NEW CURB & GUTTER FLOW EMPTIES INTO THE EXISTING DITCH SYSTEM SOUTH OF 29TH ALONG MAIZE ROAD.
3. DRAINAGE AREA = 478 ACRES (193 HECTARES)  
 Q2 = 1 CFS (0.03 CMS)  
 Q5 = 24 CFS (0.7 CMS)  
 Q100 = 226 CFS (6.4 CMS)  
 CNw = 73



### KEY

-  POST-DEVELOPMENT DETENTION PONDS
-  POST-DEVELOPMENT FLOW DIRECTION

DRAINAGE MAP  
 29TH STREET  
 TYLER ROAD TO MAIZE ROAD  
 NOT TO SCALE



PROJECT NUMBER 472-83863		SHEET NAME Drngmap		ENGINEERING DIRECTORY F:eng\29th North	
DESIGN JJD	DRAWN JJD	APPROVED JFB	DATE Oct. 2004	SCALE None	BAUGHMAN NO 02-02-E232

CAPITAL IMPROVEMENT PROJECT  
**29th STREET NORTH DRAINAGE MAP**

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