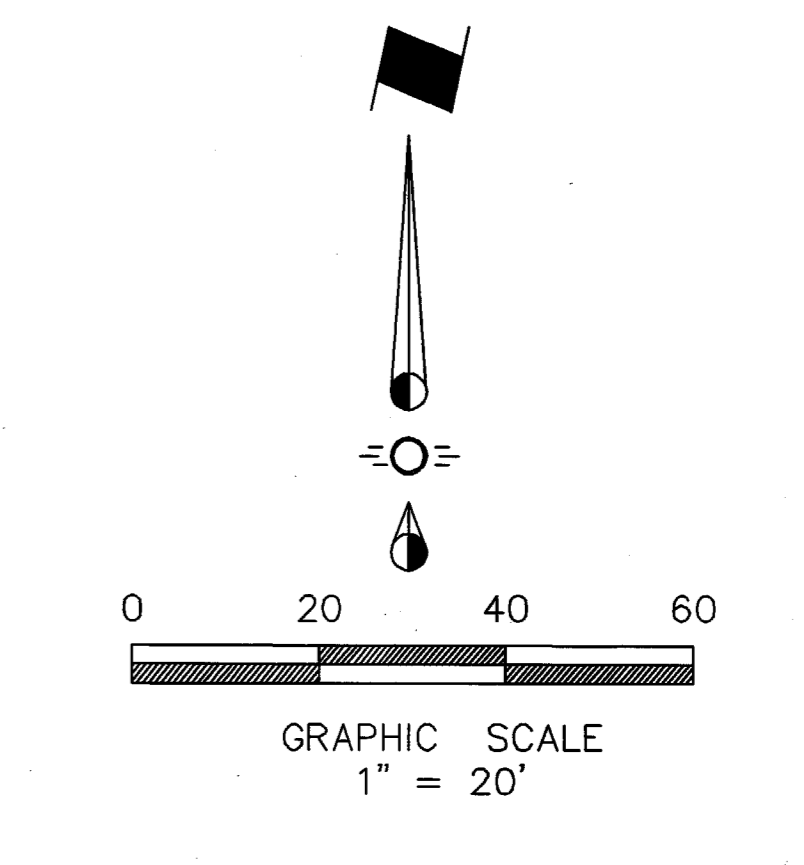
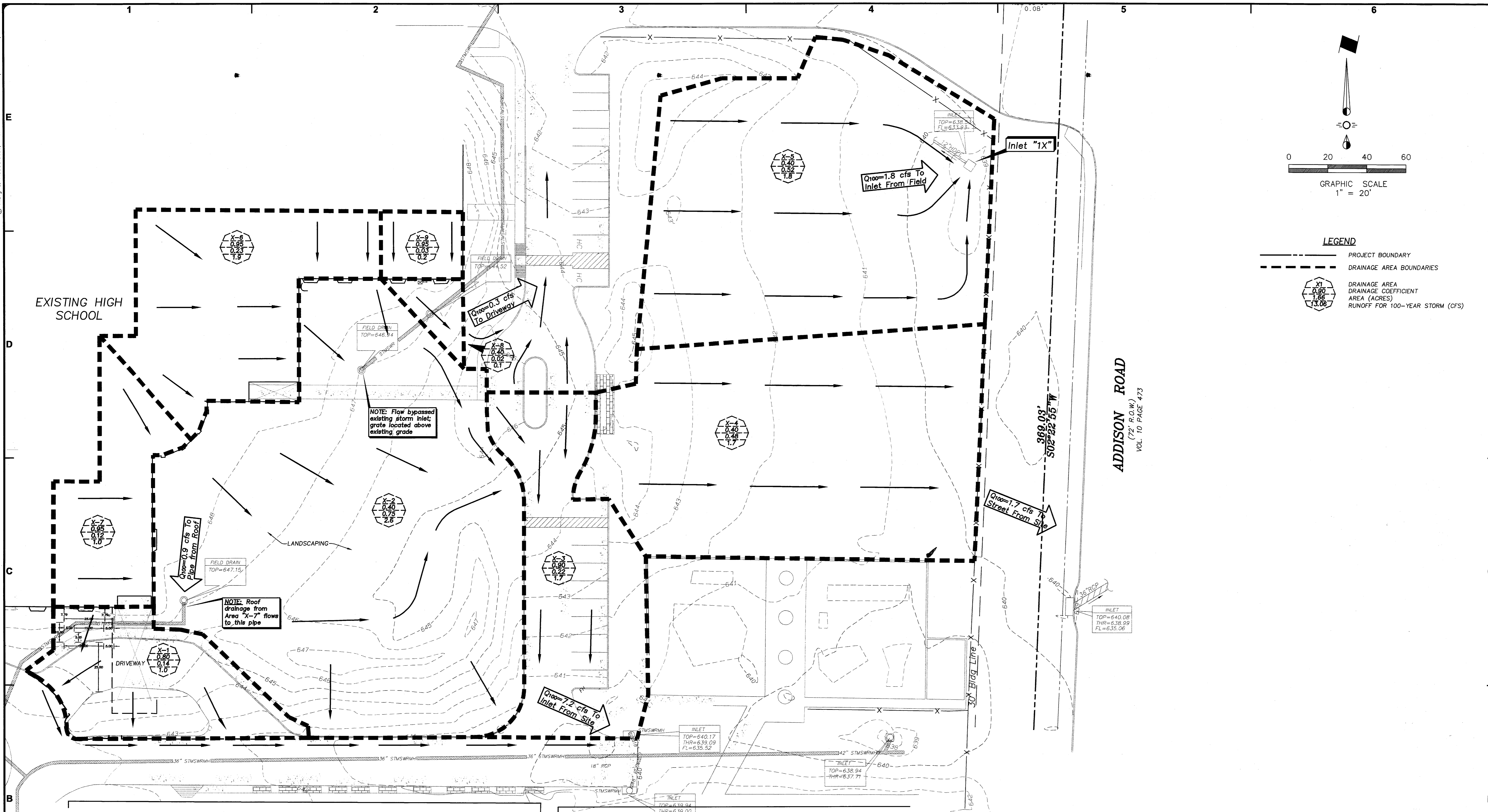


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Sheet No. 2009-2-080



**LEGEND**

- PROJECT BOUNDARY
- - - - - DRAINAGE AREA BOUNDARIES
- X1  
0.80  
1.66  
13.06

DRAINAGE AREA  
DRAINAGE COEFFICIENT  
AREA (ACRES)  
RUNOFF FOR 100-YEAR STORM (CFS)

**01** EXISTING DRAINAGE AREA MAP  
SCALE: 1" = 20'

**TABLE 1: Existing Drainage Areas**

Area No.	Area ac.	"C"	C*A	Tc min	I100 in/hr	Q100 cfs	Remarks
X-1	0.14	0.80	0.11	10	8.74	1.0	Existing Driveway & Entry
X-2	0.75	0.40	0.30	10	8.74	2.8	Existing Landscaping
X-3	0.22	0.90	0.20	10	8.74	1.9	Existing Drive & Sidewalks
X-4	0.48	0.40	0.19	10	8.74	1.7	To Addison Road
X-5	0.52	0.40	0.21	10	8.74	1.8	To Existing Inlet "1X"
X-6	0.23	0.95	0.22	10	8.74	1.9	Existing Roof to Area "X-2"
X-7	0.12	0.95	0.11	10	8.74	1.0	Existing Roof to Ex. Drain Line
X-8	0.02	0.40	0.01	10	8.74	0.1	Existing Landscaping to East/North
X-9	0.03	0.95	0.03	10	8.74	0.2	Existing Roof to Area "X-8"
<b>TOTAL FLOW</b>	<b>2.51</b>	<b>0.55</b>	<b>1.38</b>			<b>12.1</b>	

THE SEAL APPEARING ON THIS DRAWING IS AUTHORIZED BY DAVID A. VILBIG, P.E. NO. 67207 ON MAR. 30, 2009

*David A. Vilbig*

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Project Name	Date	Description
March 30, 2009	June 19, 2009	Issued for Construction
David A. Vilbig, P.E.		Engineer
Chris Walton, P.E.		Project Manager
		Drawings
		<b>CMW</b>

**TRINITY CHRISTIAN ACADEMY  
NEW PERFORMING ARTS BLDG.  
BUILDING CONSTRUCTION PLANS  
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**EXISTING DRAINAGE AREA MAP**

Project: AS-081

**C4.0a**

DO NOT SCALE DRAWING