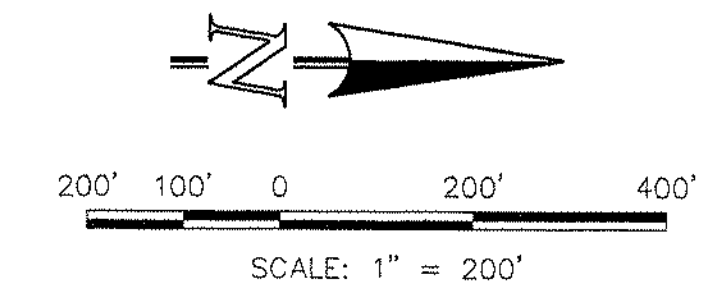
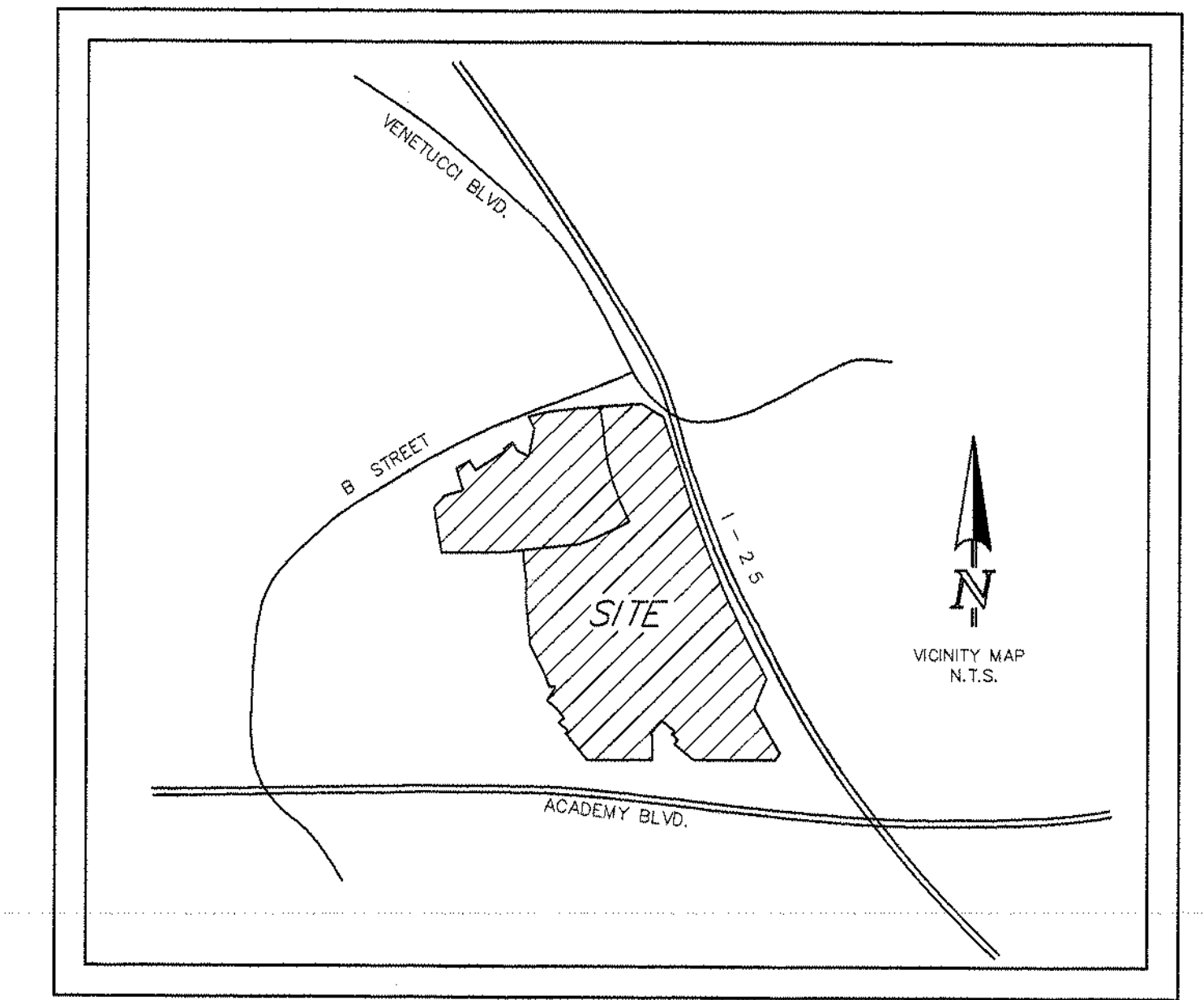


MASTER DEVELOPMENT DRAINAGE PLAN

COUNTY OF EL PASO, STATE OF COLORADO

SOUTH ACADEMY STATION

EXISTING CONDITIONS DECEMBER 2007



LEGEND

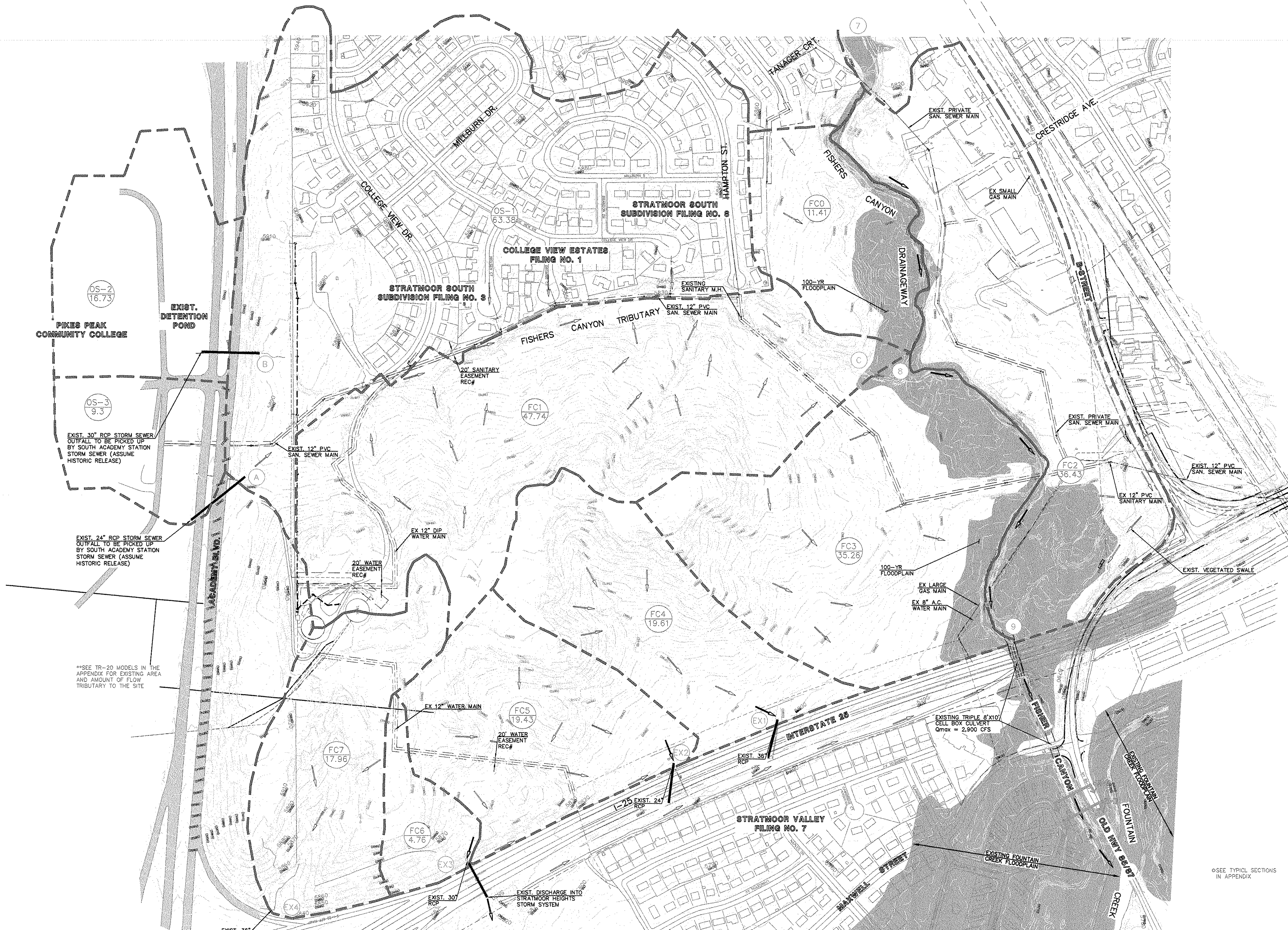
- EXISTING GROUND CONTOUR 5820
- PROPOSED FINISHED CONTOUR 5820
- SUBDIVISION BOUNDARY
- EXISTING LOT LINE
- PROPOSED BASIN BOUNDARY
- MDP BASIN BOUNDARY
- PROP. DIRECTION OF DRAINAGE →
- EXISTING DIRECTION OF DRAINAGE →
- BASIN IDENTIFIER
AREA IN ACRES D
1.41
- DESIGN POINT ①

EXISTING AREA DRAINAGE

BASIN	TOTAL FLOWS	
	Q(5) (cfs)	Q(100) (cfs)
FD0	9	22
FD1	38	96
FD2	52	109
FD3	30	74
FD4	16	40
FD5	15	38
FD6	4	10
FD7	15	38
OS-1	29	128
OS-2	29	29
OS-3	16	16

EXISTING DESIGN POINT SUMMARY

Design Point(s)	Contributing Basins	Flow		Description
		Q(5)	Q(100)	
EX1	Basin FC4	16	40	Existing 36" RCP
EX2	Basin FC5	15	36	Existing 24" RCP
EX3	Basin FC6	4	10	Existing 30" RCP
EX4	Basin FC7	15	38	Existing 30" RCP
7	DBPS-DP6, 3A, 3B, 4A, 4B	2,676		Existing DBPS Design Point
8	DBPS-DP7, 4C	3,050		Existing DBPS Design Point
9	DBPS-DP8, 4D	3,163		Existing DBPS Design Point
A	OS-3	16		Existing 24" RCP
B	OS-2	29		Existing 30" RCP
C	OS-1, DP-A, DP-B	233		Existing Tributary Flow



*SEE TR-30 MODELS IN THE APPENDIX FOR EXISTING AREA AND AMOUNT OF FLOW TRIBUTARY TO THE SITE

SEE TYPICAL SECTIONS IN APPENDIX

<p style="text-align: center;">48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS 1-800-922-1987</p> <p style="font-size: small;">CITY OF COLORADO SPRINGS DEPT. OF UTILITIES GAS, ELECTRIC, WATER AND WASTEWATER</p> <p style="font-size: x-small;">THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>REVISION</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	REVISION	DATE										<p>REVIEW:</p> <p style="font-size: x-small;">PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC</p> <p style="font-size: x-small;">KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE</p>	<p style="font-size: x-small;">8385 Corporate Drive, Suite 101 Colorado Springs, Colorado 80919 (719)785-0790 (719)785-0798 (Fax)</p>	<p style="text-align: center;">MASTER DEVELOPMENT DRAINAGE PLAN SOUTH ACADEMY STATION EXISTING CONDITIONS DRAINAGE MAP</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <td>DESIGNED BY</td> <td>JWW</td> <td>SCALE</td> <td>DATE</td> <td>12/04/07</td> </tr> <tr> <td>DRAWN BY</td> <td>JWW</td> <td>(H) 1" = 200'</td> <td>SHEET</td> <td>1 OF 1</td> </tr> <tr> <td>CHECKED BY</td> <td>(V) 1" = N/A</td> <td>JOB NO.</td> <td colspan="2">2184.00</td> </tr> </table>	DESIGNED BY	JWW	SCALE	DATE	12/04/07	DRAWN BY	JWW	(H) 1" = 200'	SHEET	1 OF 1	CHECKED BY	(V) 1" = N/A	JOB NO.	2184.00	
NO.	REVISION	DATE																													
DESIGNED BY	JWW	SCALE	DATE	12/04/07																											
DRAWN BY	JWW	(H) 1" = 200'	SHEET	1 OF 1																											
CHECKED BY	(V) 1" = N/A	JOB NO.	2184.00																												

X:\1144\1144\REPORTS\2007\Map\1144\MDP\1144\MDP.DWG, 4/15/2008 1:58:51 PM, CEB/ROG/KP