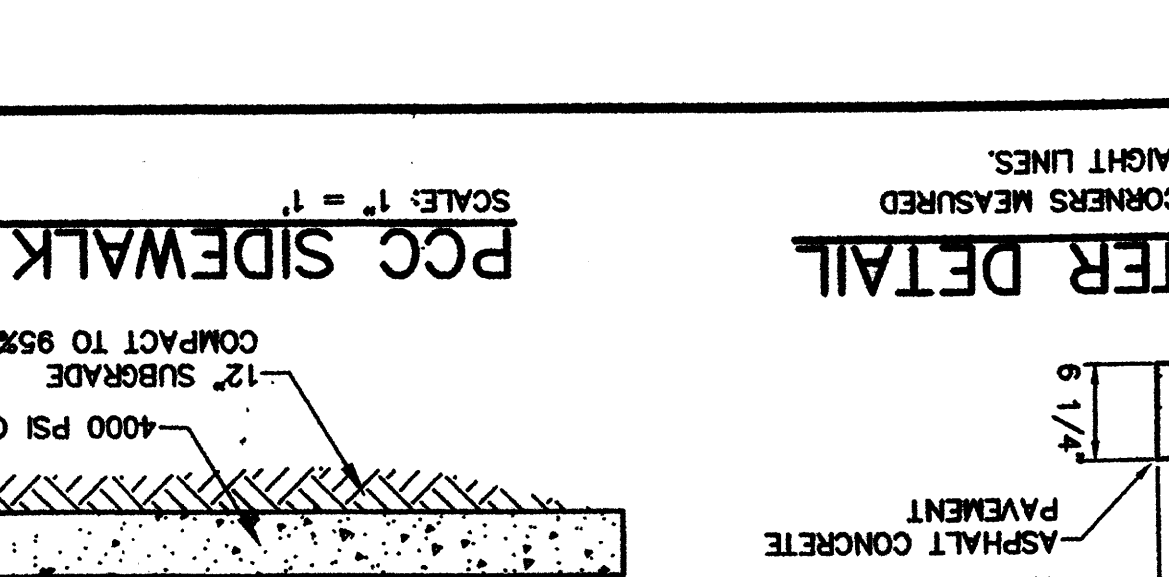
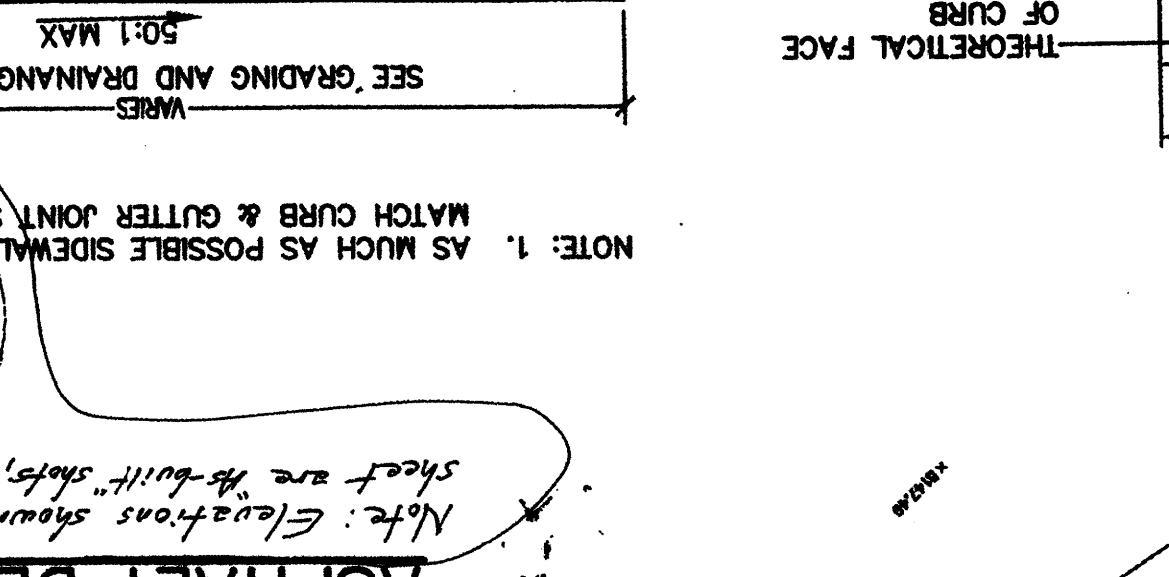
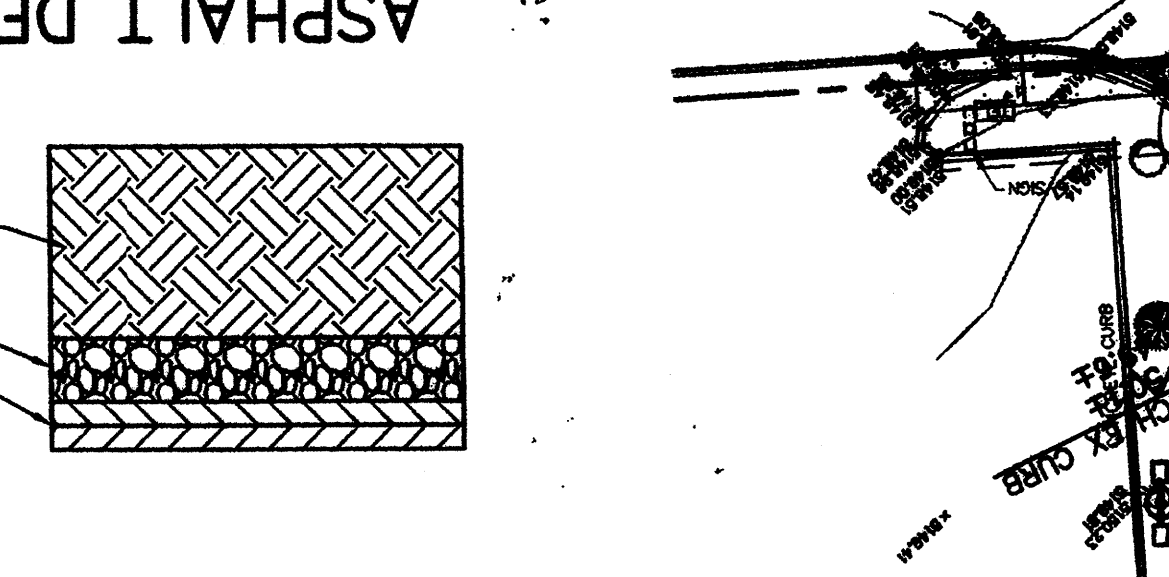
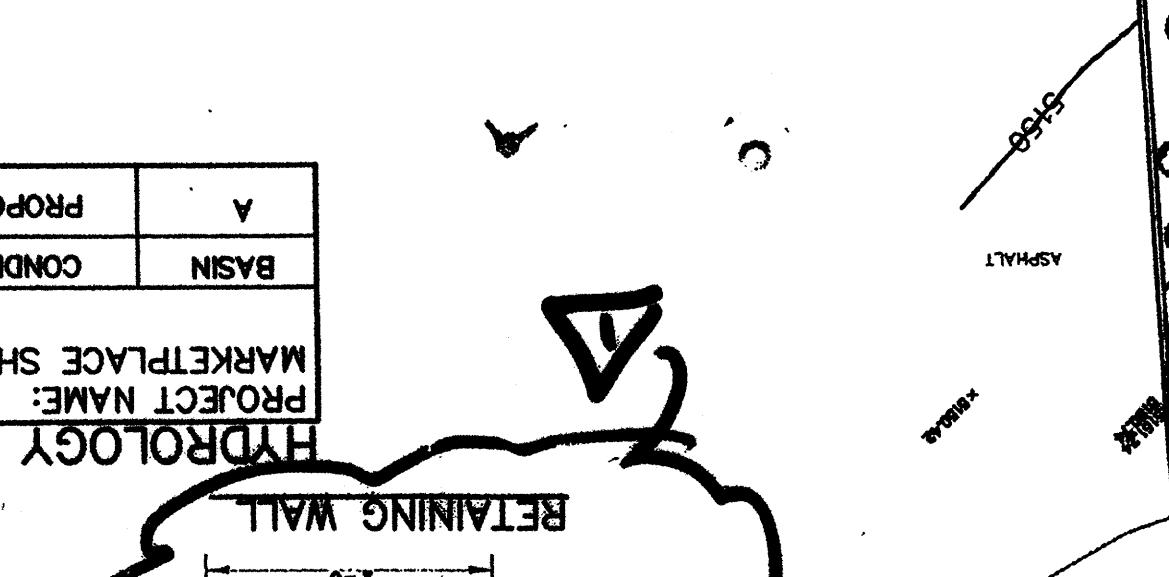
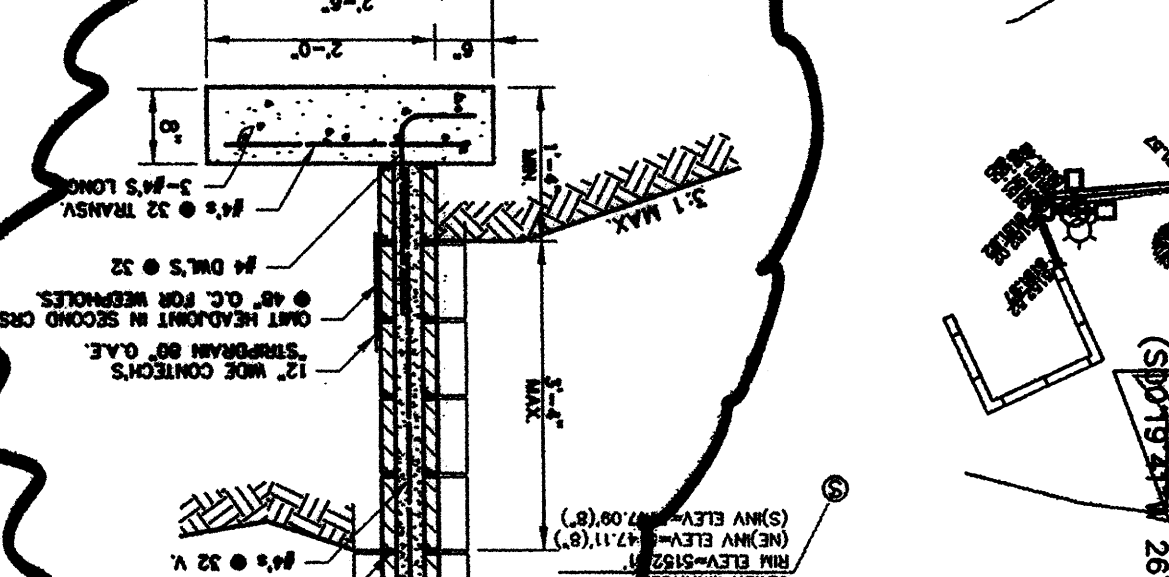
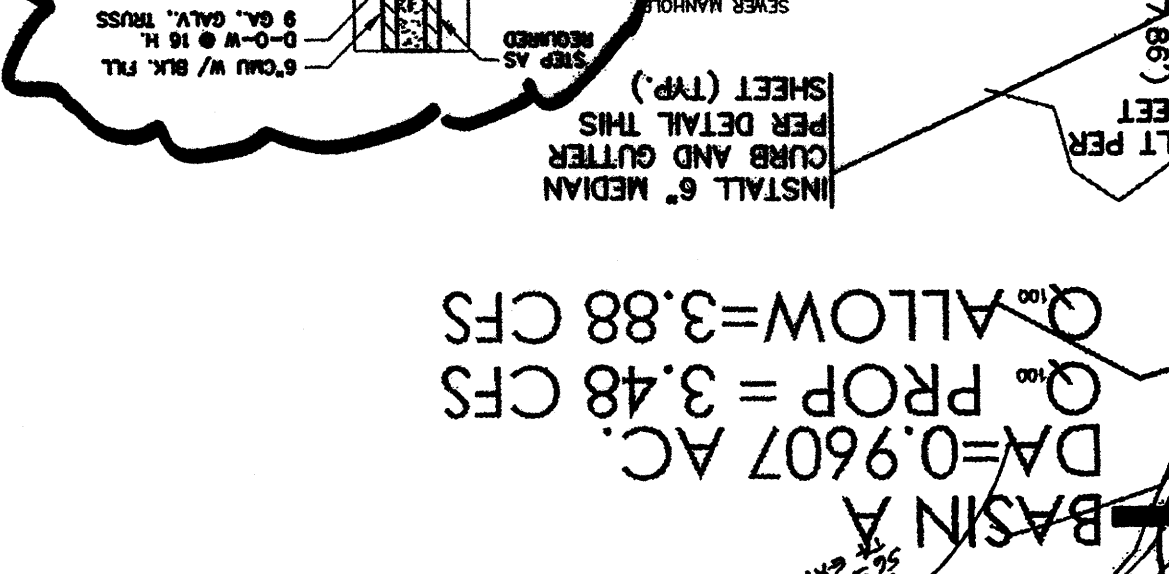
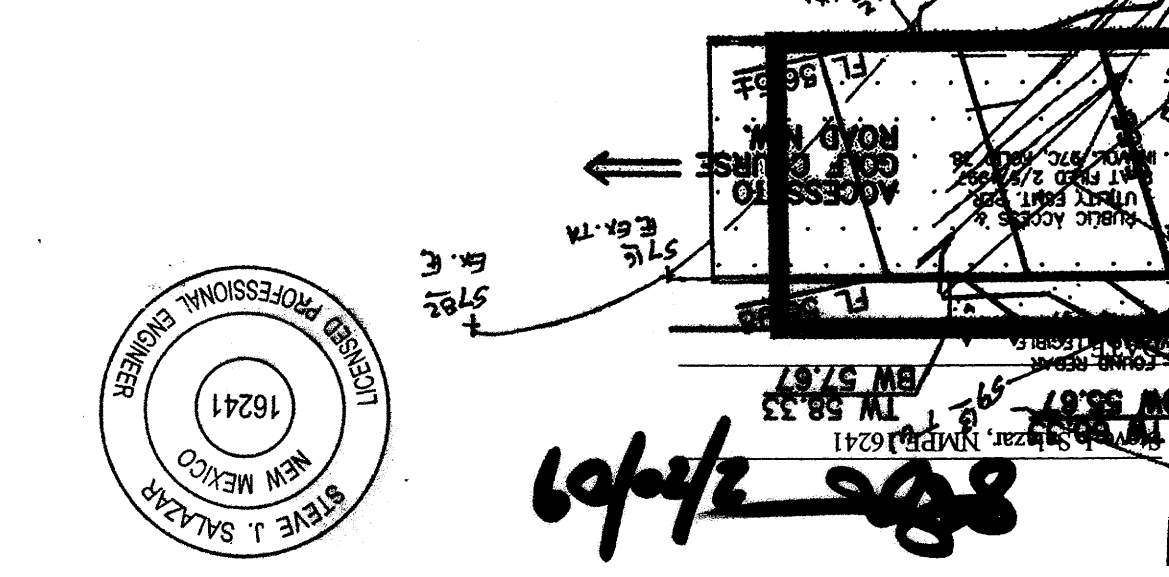


1. I, Steve J. Salazar, hereby certify that I have personally visited the project site on 02-20-09 and have determined by visual inspection that the survey data provided is true and correct to the best of my knowledge and belief. This certification is submitted in support of a request for permanent certificate of occupancy.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RECORDS RELYING ON THIS DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

Steve J. Salazar
Professional Engineer
No. 16241
State of New Mexico



LEGEND

PROPOSED PROPERTY LINE	---
PROPOSED INTERMEDIATE CONTOUR	---2025---
PROPOSED INDEX CONTOUR	---
EXISTING EASEMENT	---
PROPOSED BASIN BOUNDARY LINE	---
PROPOSED SPOT ELEVATIONS	23.17
EXISTING SPOT ELEVATIONS	5018.32
PROPOSED WATER BLOCK	---
PROPOSED ASPHALT	---
PROPOSED PCC CONCRETE	---
PROPOSED RETAINING WALL	---
DIRECTION OF FLOW	---
TOP OF WALL	TW
BOTTOM OF WALL (AT GRADE)	BW
TOP OF CURB	TC
FLOW LINE	FL
PROPERTY LINE	---
INTERMEDIATE CONTOUR	---
INDEX CONTOUR	---
EXISTING EASEMENT	---
PROPOSED BASIN BOUNDARY LINE	---
PROPOSED SPOT ELEVATIONS	23.17
EXISTING SPOT ELEVATIONS	5018.32
PROPOSED WATER BLOCK	---
PROPOSED ASPHALT	---
PROPOSED PCC CONCRETE	---
PROPOSED RETAINING WALL	---
DIRECTION OF FLOW	---
TOP OF WALL	TW
BOTTOM OF WALL (AT GRADE)	BW
TOP OF CURB	TC
FLOW LINE	FL

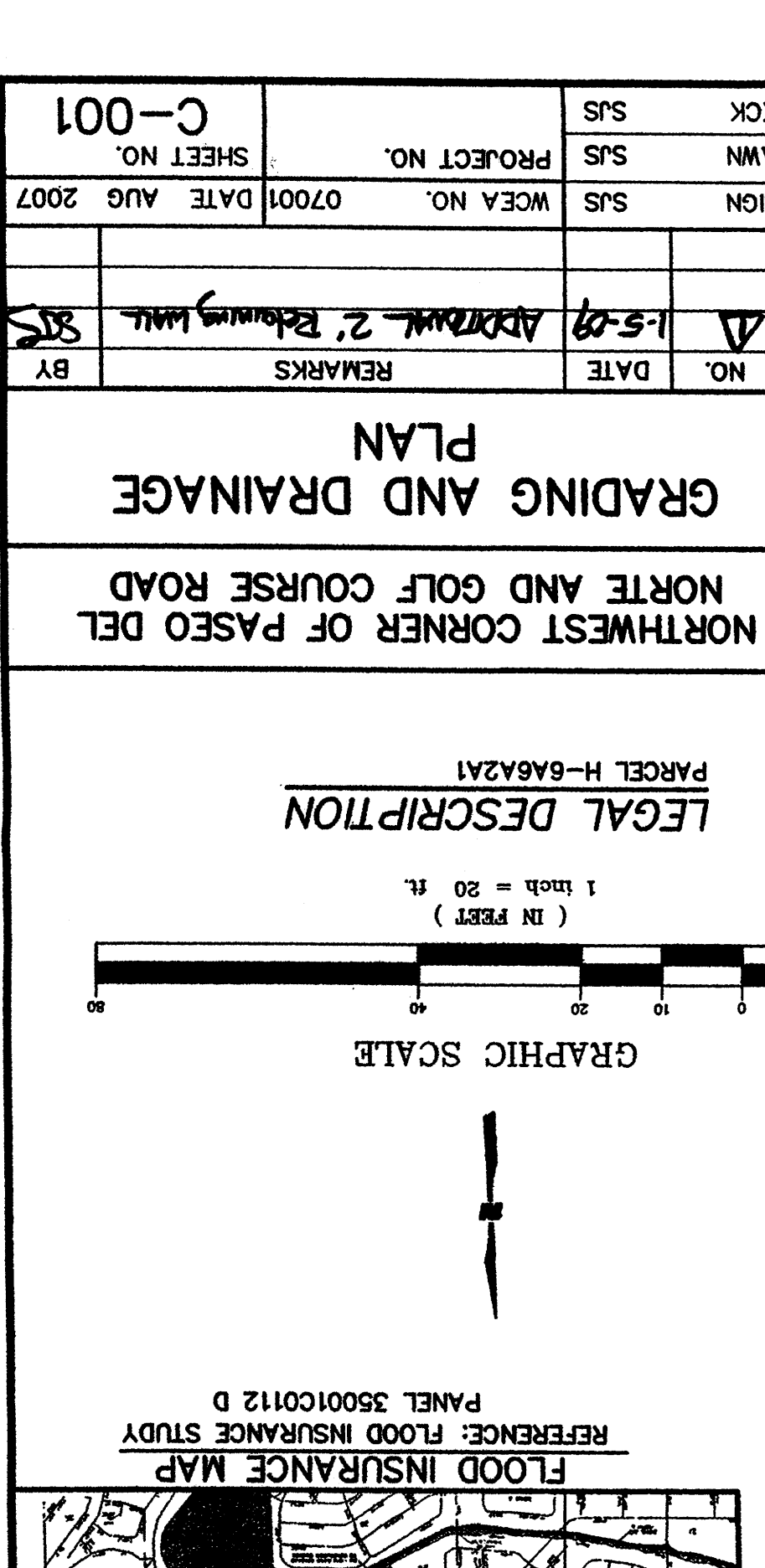
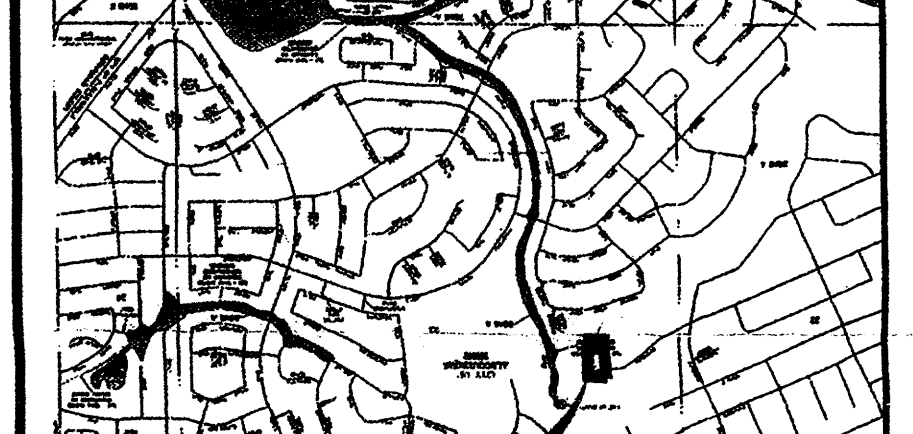
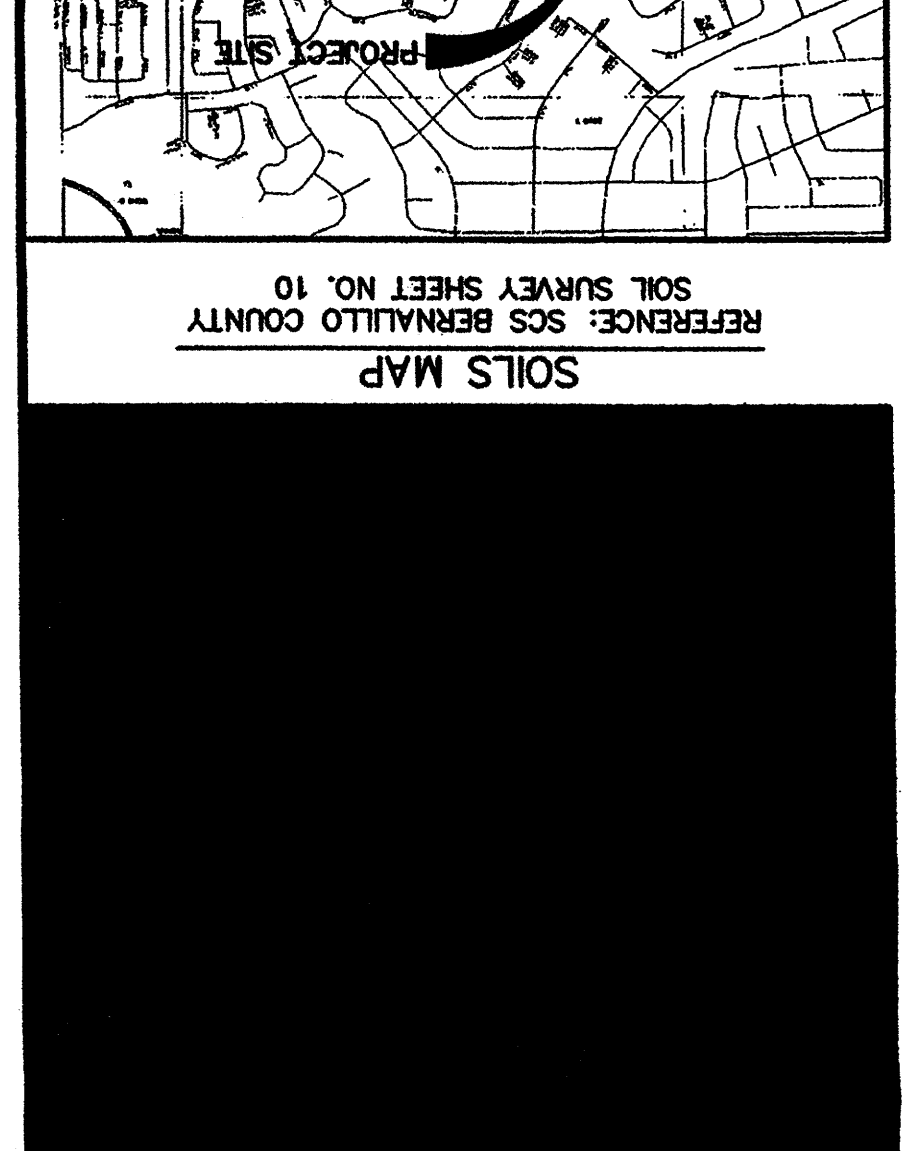
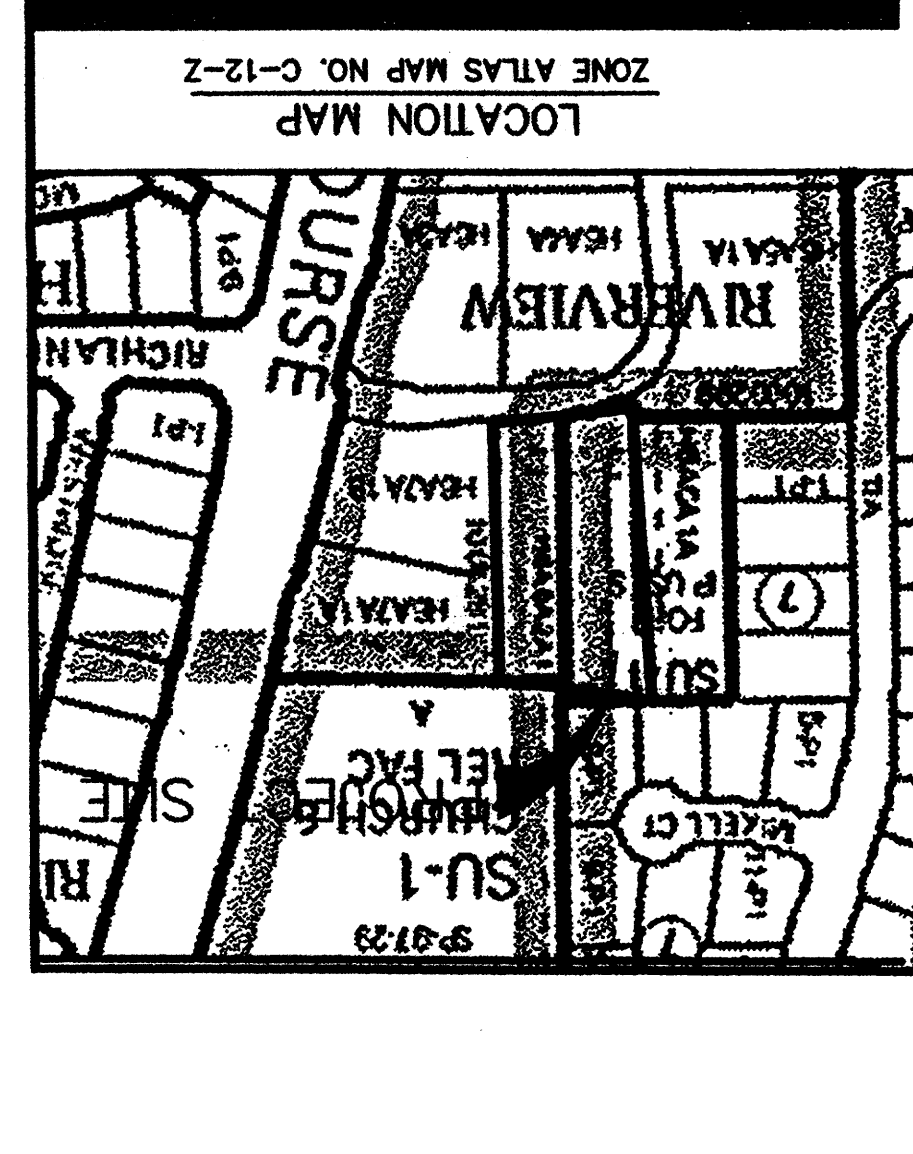
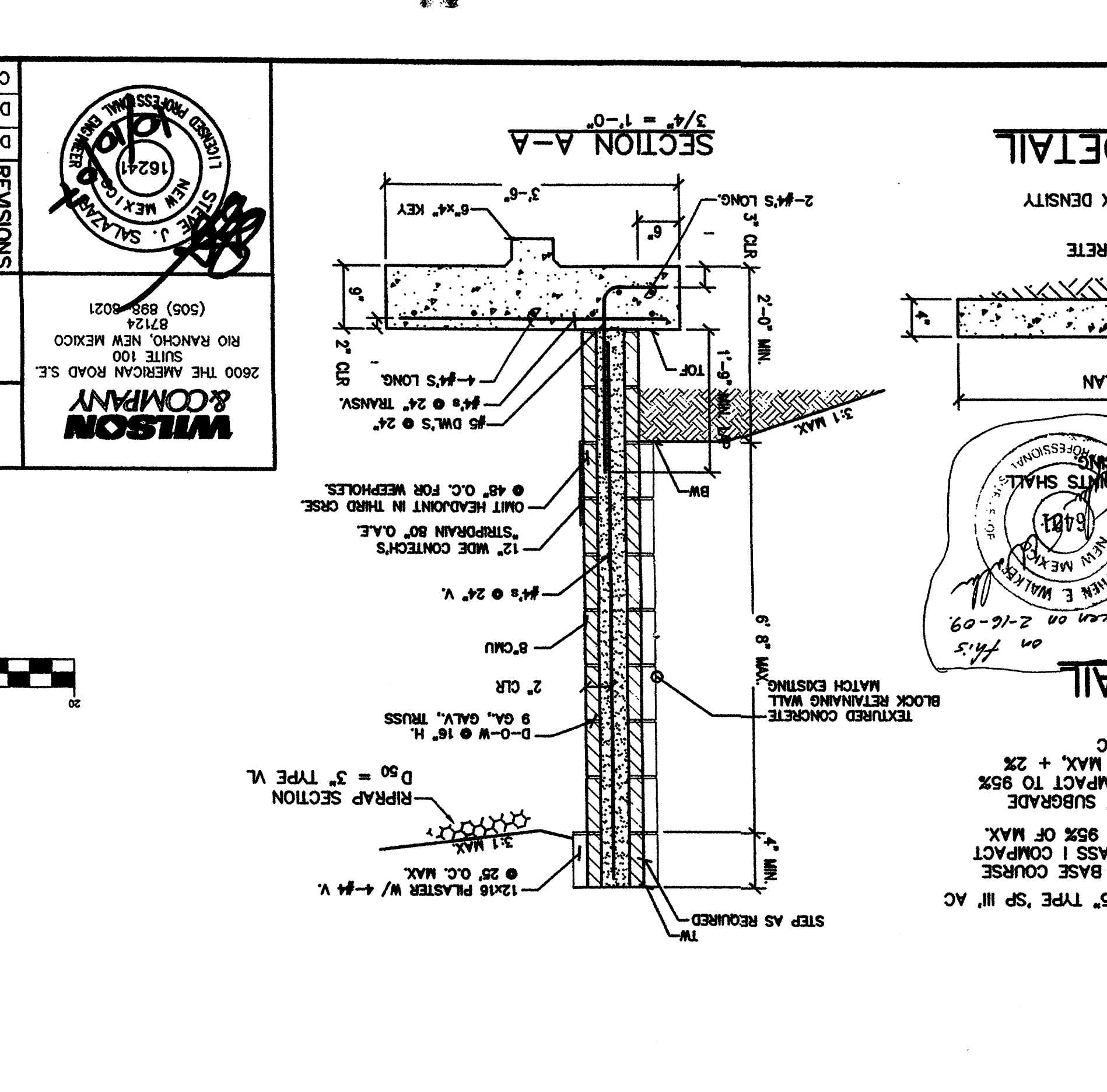
EXISTING CONDITIONS

THE PROJECT SITE CONSISTS OF 0.9607 ACRES, ALL OF WHICH IS AN EXISTING GRADED LOT. THERE IS AN EXISTING PAVED DRIVE ACCESSING THE WESTERN PROPERTY. THIS PAVED AREA IS LOCATED JUST NORTH AND WEST OF THE INTERSECTION OF GOLF COURSE ROAD AND PASO DEL NORTE. THIS LOT IS THE LAST OF TWO UNDEVELOPED LOTS OF THE SUBDIVISION. THIS LOT IS PART OF THE APPROVED "DRAINAGE REPORT FOR FURR'S-LAS MARCAS" PREPARED BY D. MARK GOODWIN AND ASSOCIATES. THE PLANNED STORM DRAINAGE SHALL DRAIN INTO INLETS LOCATED IN THE LOT ACROSS THE ACCESS ROAD BY THE NEWLY CONSTRUCTED DENTAL OFFICE.

PROPOSED CONDITIONS

THE PROPOSED CONDITIONS INCLUDE THE CONSTRUCTION OF RETAIL BUILDING ON THE SITE, BASED ON THE REPORT AS MENTIONED ABOVE. THE SITE IS IDENTIFIED IN A BASIN (BASIN III) WHICH HAS AN ALLOWABLE DISCHARGE OF 35.7 CFS, THIS ALLOWING FREE DISCHARGE IF A GIVEN LAND TREATMENT IS APPLIED. THIS BEING A LAND TREATMENT OF 86% "D" AND 14% "B". THIS SITE SHALL PROVIDE A DISCHARGE LESS THAN THE RATE INTO THE STORM DRAINAGE SYSTEM LOCATED AT JUST BELOW THE EXISTING BLOCKMASTER VIDEO, ACROSS THE SUBJECT SITE. THUS THE REQUIRED FREE DISCHARGE SHALL BE LESS THAN Q=3.88 CFS AT A RATE OF Q=3.48 CFS. OFFSITE ROADWAY AT FRONT OF LOT, OFFSITE FLOWS FROM THE NORTH SLOPE SHALL DRAIN INTO ACCESS ROADWAY VIA SWALE ON HIGH SIDE OF RETAINING WALL. THIS SHALL DRAIN INTO THE GOLF COURSE ROADWAY INLETS LOCATED BY MCDONALD'S. THIS FLOW ENTERS THE LAS MARCAS SYSTEM VIA STORM DRAIN SYSTEM IN GOLF COURSE.

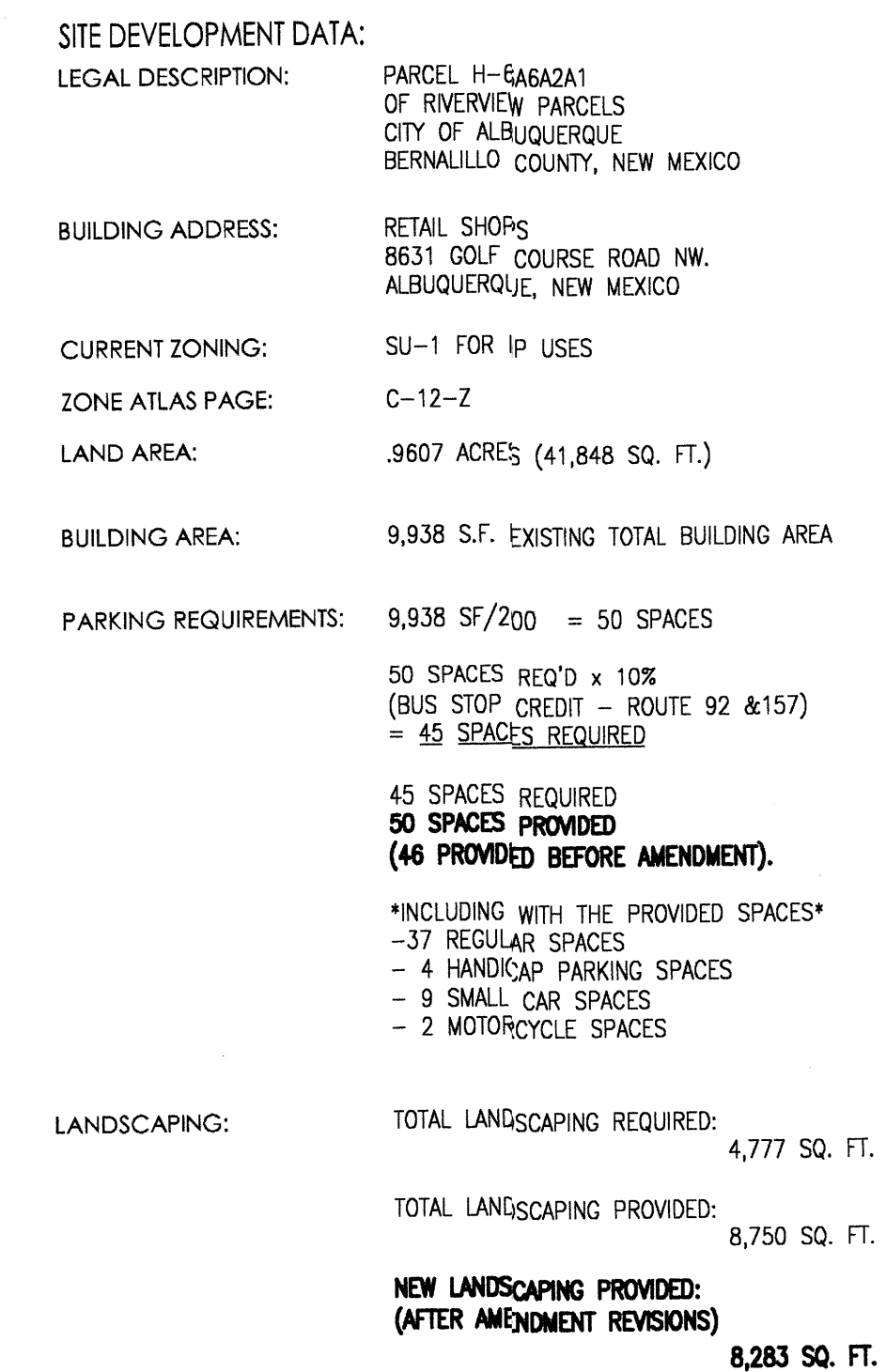
SUMMARY REQUIRED														
AREA	(acres)	LAND TREATMENTS				2 YEAR				10 YEAR				100 YEAR
		A	B	C	D	Q	VOLUME (cc.ft.)	Q	VOLUME (cc.ft.)	Q	VOLUME (cc.ft.)	Q	VOLUME (cc.ft.)	
0.9607	0.0%	15.0%	0.0%	85.0%	1.40	0.049	0.0634	2.49	0.088	0.109	3.88	0.143	0.174	
		(cfs)			(cfs)	6 HR	24 HR	(cfs)	6 HR	24 HR	(cfs)	6 HR	24 HR	
						Q <td>VOLUME (cc.ft.)<td>Q<td>VOLUME (cc.ft.)<td>Q<td>VOLUME (cc.ft.)<td>Q<td>VOLUME (cc.ft.)</td></td></td></td></td></td></td>	VOLUME (cc.ft.) <td>Q<td>VOLUME (cc.ft.)<td>Q<td>VOLUME (cc.ft.)<td>Q<td>VOLUME (cc.ft.)</td></td></td></td></td></td>	Q <td>VOLUME (cc.ft.)<td>Q<td>VOLUME (cc.ft.)<td>Q<td>VOLUME (cc.ft.)</td></td></td></td></td>	VOLUME (cc.ft.) <td>Q<td>VOLUME (cc.ft.)<td>Q<td>VOLUME (cc.ft.)</td></td></td></td>	Q <td>VOLUME (cc.ft.)<td>Q<td>VOLUME (cc.ft.)</td></td></td>	VOLUME (cc.ft.) <td>Q<td>VOLUME (cc.ft.)</td></td>	Q <td>VOLUME (cc.ft.)</td>	VOLUME (cc.ft.)	



REVISIONS

NO.	DATE	REMARKS
1	1-5-09	APPROVAL 2' REVISION

CHECK
SJS
DESIGN
SJS
PROJECT NO.
WCEA NO. 07001
DATE
AUG 2007
SHEET NO.
C-001



ADMINISTRATIVE AMENDMENT

File # 94AA10028 Project # 1005484

Site modifications as shown.

Russell B. [Signature] 20 Mar 2009

APPROVED BY DATE