

**COMPETITION POOL DATA**

SURFACE AREA	=	12,322 SQ. FT.
PERIMETER	=	478 FT.
DEPTH	=	7'-0" TO 7'-6"
VOLUME	=	669,115 GAL.
6 HR TURNOVER	=	1,859 GPM

**COMPETITION POOL SURGE DATA**

REQUIRED SURGE CAPACITY	=	12,322 GAL.
SURGE IN PERIMETER GUTTER	=	1,142 GAL.
SURGE IN GUTTER PIPING	=	13,866 GAL.
SURGE IN SURGE CHAMBER	=	5,392 GAL.
TOTAL SUPPLIED SURGE	=	14,120 GAL.
∴ 14,120 GAL. > 12,322 GAL. + 14% OK		

**SWIMMING POOL DATA**

SURFACE AREA	=	3,754 SQ. FT.
PERIMETER	=	250 FT.
DEPTH	=	3'-6" TO 5'-0"
VOLUME	=	112,349 GAL.
6 HR TURNOVER	=	312 GPM

**SWIMMING POOL SURGE DATA**

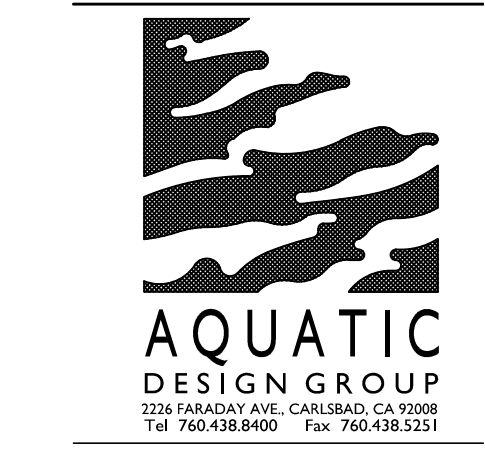
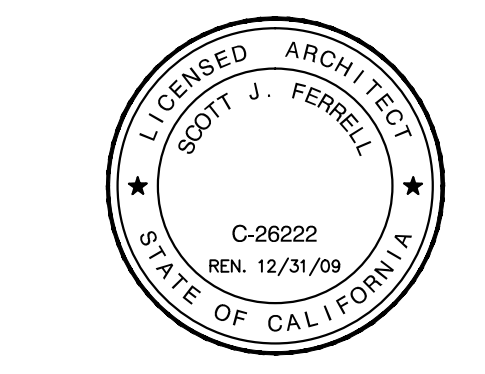
REQUIRED SURGE CAPACITY	=	3,754 GAL.
SURGE IN PERIMETER GUTTER	=	2,106 GAL.
SURGE IN SURGE CHAMBER	=	2,396 GAL.
TOTAL SUPPLIED SURGE	=	4,502 GAL.
∴ 4,502 GAL. > 3,754 GAL. + 20% OK		

**LEGEND**

MD	=	MAIN DRAIN	
FI	=	FLOOR INLET	
GO	=	GUTTER OUTLET	
AV	=	AIR VENT	
MH	=	MANHOLE	
BFV	=	BUTTERFLY VALVE	
FV	=	FLOAT VALVE	
AFF.	=	ABOVE FINISHED FLOOR	



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College of San Mateo  
Site Package  
San Mateo, CA  
Developed for  
College of San Mateo

Date:	
Revision:	Description:

Date:	JUNE 2011
Revision:	Description:

Job No.	27082.30
Date	08 APRIL 2008
Drawn by	NFC
Checked by	SJF
Scale	1"=10'-0"

COMPETITION POOL/  
SWIMMING POOL  
PIPING PLAN

**CP-2**

**COMPETITION POOL/SWIMMING POOL PIPING PLAN** 1"=10'-0"

