

COMPETITION POOL DATA

SURFACE AREA	=	12,322 SQ. FT.
PERIMETER	=	478 FT.
DEPTH	=	7'-0" TO 11'-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	=	1,586 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

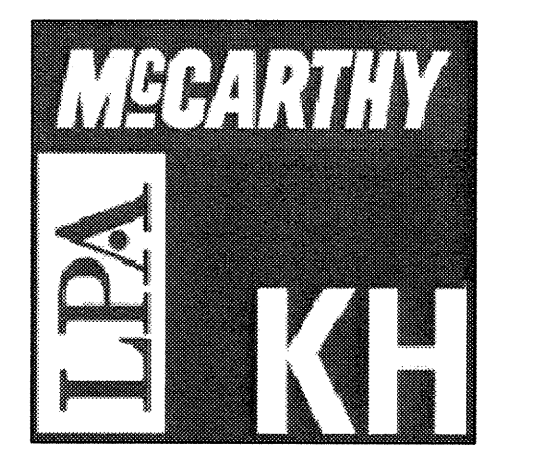
SURFACE AREA	=	3,754 SQ. FT.
PERIMETER	=	250 FT.
DEPTH	=	3'-6" TO 5'-0"
VOLUME	=	112,349 GAL.
6 HR TURNOVER	=	312 GPM

SWIMMING POOL SURGE DATA

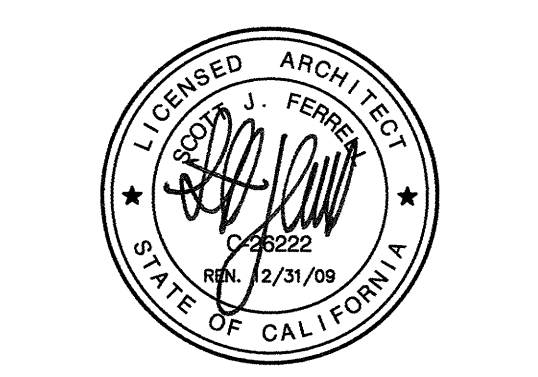
REQUIRED SURGE CAPACITY	=	3,754 GAL.
SURGE IN PERIMETER GUTTER	=	2,106 GAL.
SURGE IN SURGE CHAMBER	=	2,336 GAL.
TOTAL SUPPLIED SURGE	=	4,502 GAL.
∴ 4,502 GAL. > 3,754 GAL. + 20% OK		

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



McCarthy Building Companies, Inc.
343 Sansome Street, 14th Floor
San Francisco, California 94104
P 415 364-1339
F 415 397-5999



This and all other project documents are the property of LPA, Inc. and shall remain the property of LPA, Inc. All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of LPA, Inc. LPA, Inc. shall not be held responsible for any errors or omissions in this document. LPA, Inc. shall not be held responsible for any damages or losses resulting from the use of this document. LPA, Inc. shall not be held responsible for any damages or losses resulting from the use of this document. LPA, Inc. shall not be held responsible for any damages or losses resulting from the use of this document.

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APR 09 2008

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

Date	
Revision Description	

Date	
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

