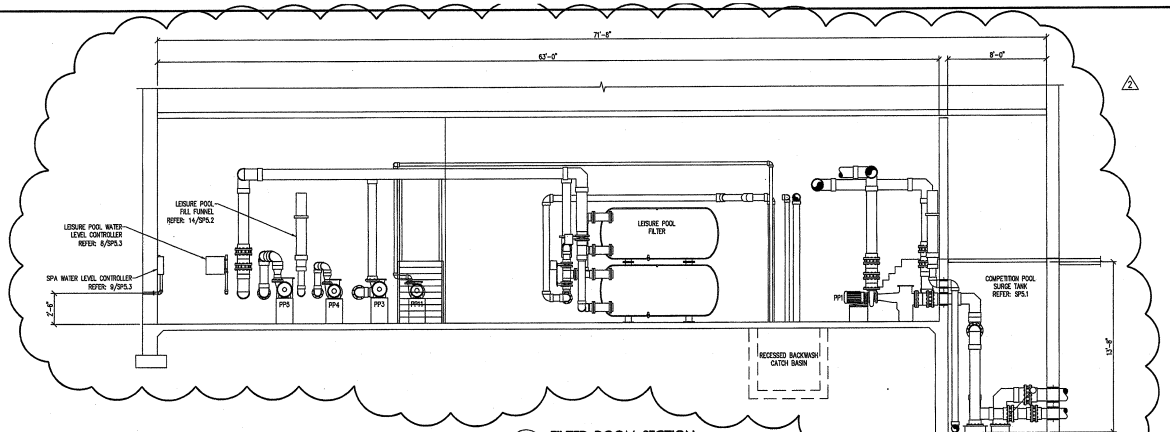
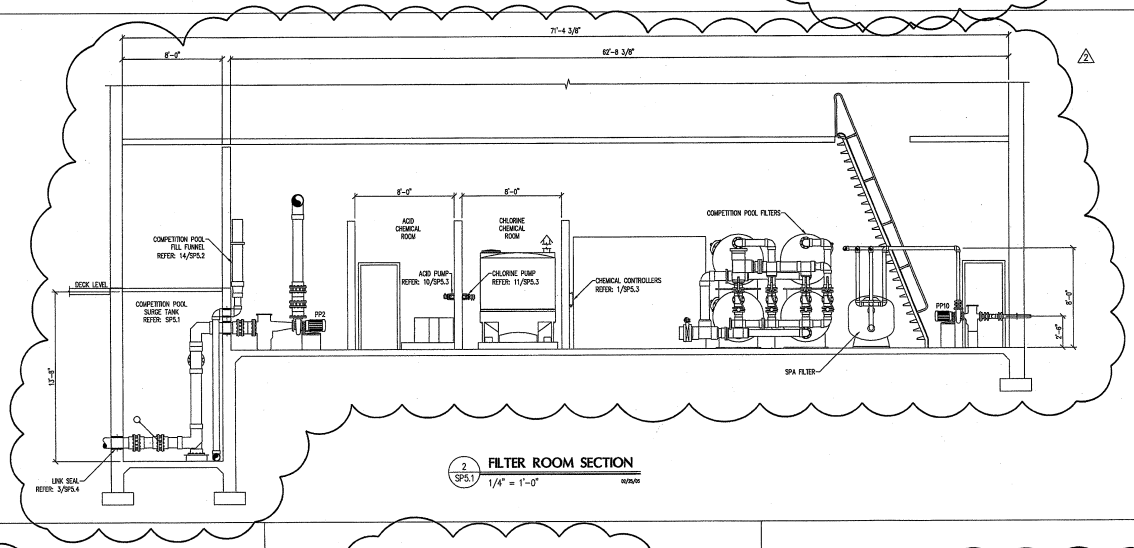
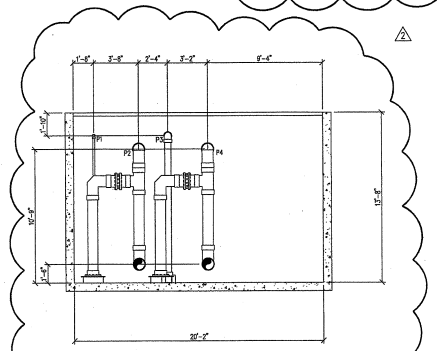


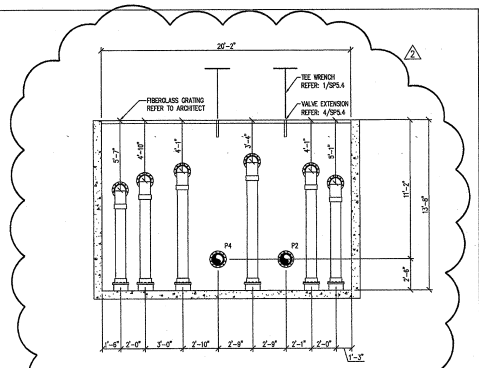
1 SP5.1 **FILTER ROOM SECTION**
1/4" = 1'-0"



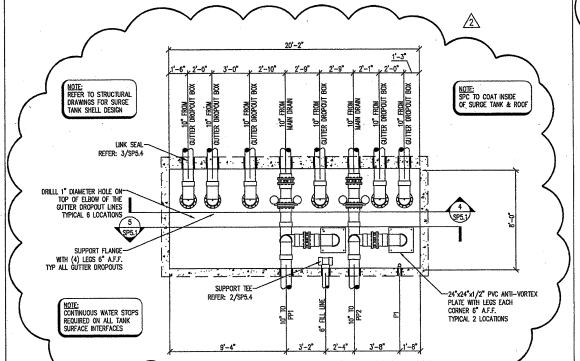
2 SP5.1 **FILTER ROOM SECTION**
1/4" = 1'-0"



5 SP5.1 **COMPETITION POOL SURGE TANK SECTION**
1/4" = 1'-0"



4 SP5.1 **COMPETITION POOL SURGE TANK SECTION**
1/4" = 1'-0"



3 SP5.1 **COMPETITION POOL SURGE TANK PLAN**
1/4" = 1'-0"

PIPING NOTES
(PERTAINS TO ALL PIPING)

1. ALL PIPING SHOWN SHALL BE CONSIDERED DIAGRAMMATIC.
2. COORDINATE ALL PIPING WITH PLUMBING MECHANICAL AND ELECTRICAL.
3. ALL PIPING BELOW POOL FLOOR SHALL BE ENCASED IN CONCRETE.
4. COORDINATE ALL POOL PIPE ROUTING AND ELEVATIONS WITH ALL TRADES.
5. ALL ENCASED PIPES SHOWN ARE NOMINAL PIPE DIAMETERS, SCHEDULE 40 PVC, ALL BELOW DECK PIPING SHALL BE SCHEDULE 80 PVC. ALL EXPOSED PIPES ARE NOMINAL PIPE DIAMETERS, SCHEDULE 80 PVC UNLESS OTHERWISE INDICATED.
6. ALL SWIMMING POOL PIPING MUST MEET ASTM D-1785 AND BE NSF APPROVED. SEE SPECIFICATIONS FOR MORE DETAIL.
7. ALL DIMENSIONS ARE SHOWN TO INSIDE FINISHED WALLS AND DO NOT TAKE INTO ACCOUNT FLOOR SLOPES.
8. INSTALL FLOW SENSORS AND/OR IMPACT FLOW METERS 10 PIPE DIAMETERS DOWNSTREAM AND 5 PIPE DIAMETERS UPSTREAM OF ANY FITTING.
9. THE CHEMICAL SENSOR LINE SHALL BE A 1/2" PVC LINE EXTENDING FROM THE WET CELL SENSOR TO THE POOL'S RESPECTIVE FILL FUNNEL.

PUMP SCHEDULE

		SPECIFICATIONS		
ID	DESCRIPTION	GPM	TDH	HP
PP1	COMPETITION POOL – RECIRCULATION	1093	60	25
PP2	COMPETITION POOL – RECIRCULATION 2	1093	60	25
PP3	LEISURE POOL – RECIRCULATION	835	60	20
PP4	WATER SLIDE	600	45	10
PP5	RESISTANCE WALKING	1000	35	12
PP6	VORTEX	600	35	10
PP7	WATER FEATURES	925	40	15
PP8	CURRENT CHANNEL	1500	35	20
PP9	SPA HYDROTHERAPY	540	40	10
PP10	SPA – RECIRCULATION	100	60	5
PP11	DRAIN DOWN PUMP	150	25	1.5
PP12	HAYSTACK AIR BLOWER	70 SCFM@75* H20		2
PP13	HAYSTACK AIR BLOWER	70 SCFM@75* H20		2
PP14	BUBBLE COUCH AIR BLOWER	70 SCFM@75* H20		2
PP15*	CHLORINE BOOSTER PUMP	–	–	3/4
PP16*	CHLORINE BOOSTER PUMP	–	–	3/4
PP17*	CHLORINE BOOSTER PUMP	–	–	3/4

* CONTINUOUS RUN PUMP THAT IS NOT POWERED FROM CHEMICAL CONTROLLER. IT MUST BE INTERLOCKED WITH POOL RECIRCULATION PUMPS

PIPING SCHEDULE

ID	DESCRIPTION
P1	1" FROM SURGE TANK TO FILTER ROOM
P2	10" FROM COMPETITION POOL MAIN DRAINS TO PP2
P3	6" FROM FILL FUNNEL TO COMPETITION POOL SURGE TANK
P4	10" FROM COMPETITION POOL MAIN DRAINS TO PP1
P5	8" FROM COMPETITION POOL FILTER TO COMPETITION POOL INLETS
P6	8" FROM COMPETITION POOL FILTER TO COMPETITION POOL INLETS
P7	4" FROM LEISURE POOL MAIN DRAIN TO PP11
P8	8" FROM LEISURE POOL SKIMMERS TO PP3
P9	8" FROM LEISURE POOL MAIN DRAINS TO PP3
P10	8" FROM LEISURE POOL MAIN DRAINS TO PP4
P11	6" FROM PP4 TO LEISURE POOL WATER SLIDE
P12	4" FROM FILL FUNNEL TO LEISURE POOL
P13	10" FROM LEISURE POOL MAIN DRAIN TO PP5
P14	8" FROM PP5 TO RESISTANCE WALK FEATURE
P15	8" FROM LEISURE POOL FILTER TO LEISURE POOL INLETS
P16	2" LEISURE POOL STATIC LINE
P17	2" SPA STATIC LINE
P18	8" FROM VORTEX MAIN DRAIN TO PP6
P19	6" FROM PP6 TO VORTEX NOZZLES
P20	10" FROM LEISURE POOL MAIN DRAINS TO PP7
P21	8" FROM PP7 TO PLAY FEATURE VALVE BOX
P22	4" FROM FILL FUNNEL TO SPA
P23	12" FROM LEISURE POOL MAIN DRAIN TO PP8
P24	10" FROM PP8 TO CURRENT CHANNEL VALVE BOX
P25	3" FROM SPA FILTER TO SPA INLETS
P26	8" FROM SPA MAIN DRAIN TO PP9
P27	FROM PP9 TO SPA HYDROTHERAPY INLETS
P28	3" FROM SPA MAIN DRAIN TO PP10
P29	3" FROM SPA SKIMMERS TO PP10

WBA
WISNEWSKI BLAIR & ASSOCIATES, Ltd
44 Canal Center Plaza
Suite 100
Alexandria, VA 22314
T 703.836.7766
F 703.836.9042
www.wba-landscape.com

MOODY NOLAN INC.
Architecture • Engineering • Planning • Interior Design
300 Nationwide Blvd.
Columbus, Ohio 43215
Phone: (614) 461-4664
Fax: (614) 228-1811
Columbus@moodynolan.com
www.moodynolan.com

COUNSELMAN/HUNSAKER & ASSOC.
WORLD HEADQUARTERS
5005 LBJ FREEWAY, SUITE 400
DALLAS, TEXAS 75244
PHONE: (972) 991-3311 FAX: (214) 934-4123

PRCS

CLAUDE MOORE RECREATION CENTER
FROGSHACKEL WAY, CLUADE MOORE PARK
STERLING, VIRGINIA

FILTER ROOM SECTIONS & SURGE TANK PLAN & SECTIONS

No.	DATE	DESCRIPTION
	07/16/04	100% BID DOCUMENTS
1	02/16/05	50% LAP POOL REVISION

AS-BUILT

SCALE:	AS NOTED
DRAWN BY:	MDM
CHECKED BY:	SMH
WBA REF. No.	

SP5.1

Sheet Number

© 2005 Counsellman/Hunsaker & Associates, Inc.