

POOL SAFETY REQUIREMENTS

PROVIDE SAFETY PROVISIONS PER SECTION 2530. THE MINIMUM BEING:

OUTDOOR POOL REQUIREMENTS:

A. (1) 1/2" LONG, MIN. METAL POLE AND BODY HOOK SECURELY ATTACHED. THE POLE SHALL BE NON-TELESCOPING, NON-ADJUSTABLE & NON-COLLAPSIBLE.

B. (1) U.S. COAST GUARD APPROVED RING BUOYS WITH 50'-0" OF 1/4" DIAMETER THROWING ROPE.

ONE UNIT OF LIFE SAVING DEVICES LISTED ABOVE ARE REQUIRED FOR THE MAIN POOL AREA. NONE ARE REQUIRED IN THE WADING POOL AREA.

EMERGENCY TELEPHONE SERVICE:

A. TELEPHONE CAPABLE OF DIRECTLY DIALING 911 OR OTHER EMERGENCY NOTIFICATION SYSTEM SHALL BE PROVIDED.

B. THE TELEPHONE SHALL BE PERMANENTLY AFFIXED TO A LOCATION INSIDE THE POOL ENCLOSURE OR OUTSIDE THE ENCLOSURE WITHIN 75' OF THE BATHER ENTRANCE.

C. THE TELEPHONE SHALL BE VISIBLE FROM WITHIN THE POOL ENCLOSURE OR A VISIBLE SIGN SHALL BE POSTED INDICATING THE LOCATION OF THE EMERGENCY PHONE.

D. AT THE TELEPHONE - PROVIDE A SIGN WITH LEGIBLE LETTERS PROVIDING THE FOLLOWING INFORMATION:
- ADDRESS OF THE POOL LOCATION
- TELEPHONE NUMBER OF THE POOL LOCATION.

SEE POOL HOUSE PLANS BY OTHERS FOR EXACT LOCATION OF THE TELEPHONE SERVICE.

POOL DECK MARKINGS

DEPTH MARKINGS: IN LOCATIONS AS SHOWN ON THE DRAWINGS AND ADHERING TO THE FOLLOWING:

- LOCATED ON TOP OF POOL DECK AND AT OR ABOVE THE WATER SURFACE ON THE VERTICAL WALL.
- SHALL BE IN ARABIC NUMERALS AT LEAST 4" HIGH.
- LETTER COLOR TO CONTRAST WITH BACKGROUND.
- MARKINGS SHALL INDICATE THE DEPTH OF THE POOL IN FEET AND SHALL INCLUDE THE WORD "FEET" OR THE SYMBOL "FT"
- MARKINGS IN POOL DECK SHALL PROVIDE A SLIP RESISTANT WALKING SURFACE.
- NOT TO EXCEED 25'-0" IN SPACING ALONG THE PERIMETER OF THE POOL.

"NO DIVING" MARKINGS: IN LOCATIONS AS SHOWN ON THE DRAWINGS AND ADHERING TO THE FOLLOWING:

- NOT TO EXCEED 25'-0" IN SPACING.
- CONSTITING IN ONE OF THE FOLLOWING MANNERS:
A. CONSISTING OF THE WORDS "NO DIVING" IN LETTERS AT LEAST 4" HIGH AND OF A COLOR CONTRASTING WITH THE BACKGROUND.
B. AT LEAST A 6"x6" IN SIZE INTERNATIONAL SYMBOL FOR NO DIVING IN RED AND BLACK ON A WHITE BACKGROUND.
- MARKINGS IN POOL DECK SHALL PROVIDE A SLIP RESISTANT WALKING SURFACE.

POOL SIGNAGE REQUIREMENTS

POOL SIGNAGE:
SIGN "A" - 4" TALL LETTERS

WARNING - NO LIFE GUARD ON DUTY

THIS SIGN IS TO BE POSTED IN THE MAIN POOL AREA. A MIN. OF (1) THIS PROJECT


SIGN "B" - 1" TALL LETTERS

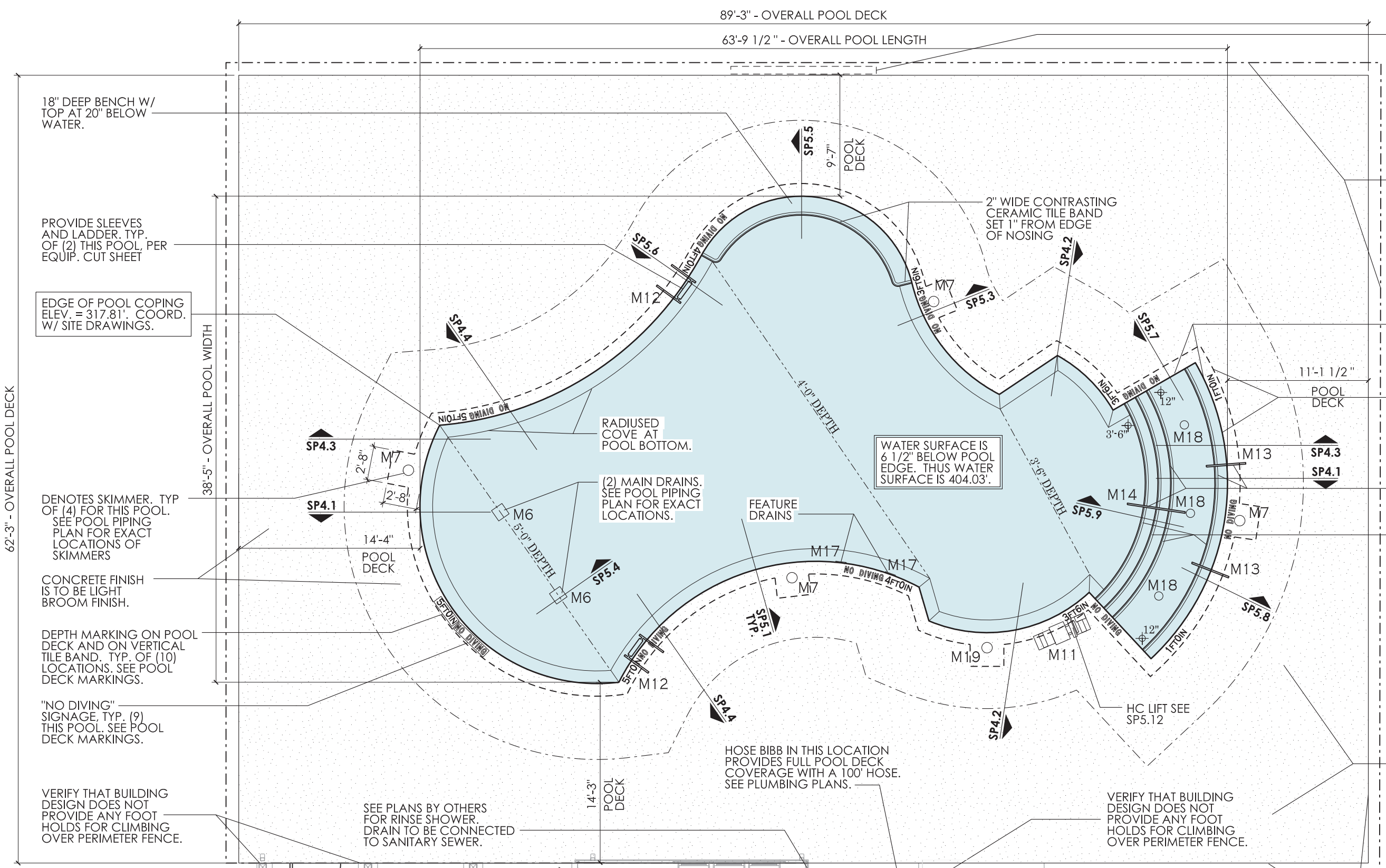
POOL SAFETY RULES

- CHILDREN SHOULD NOT USE THE SWIMMING POOL WITHOUT ADULT SUPERVISION.
- ADULTS SHOULD NOT SWIM ALONE.
- PETS ARE PROHIBITED IN THE POOL AREA.
- GLASS CONTAINERS ARE PROHIBITED IN THE POOL AREA.
- NO DIVING IS ALLOWED IN POOL AREA.

SIGN "C" - PROVIDE A SIGN VISIBLE UPON ENTERING THE POOL ENCLOSURE DIRECTING POOL USERS TO SHOWER BEFORE ENTERING THE POOL.

SIGN "D" - PROVIDE A SIGN STATING "POOL CLOSED" FOR EVERY POOL ENTRANCE. VERIFY WITH FINAL POOL ENCLOSURE DESIGN FOR FINAL NUMBER OF ENTRANCES.

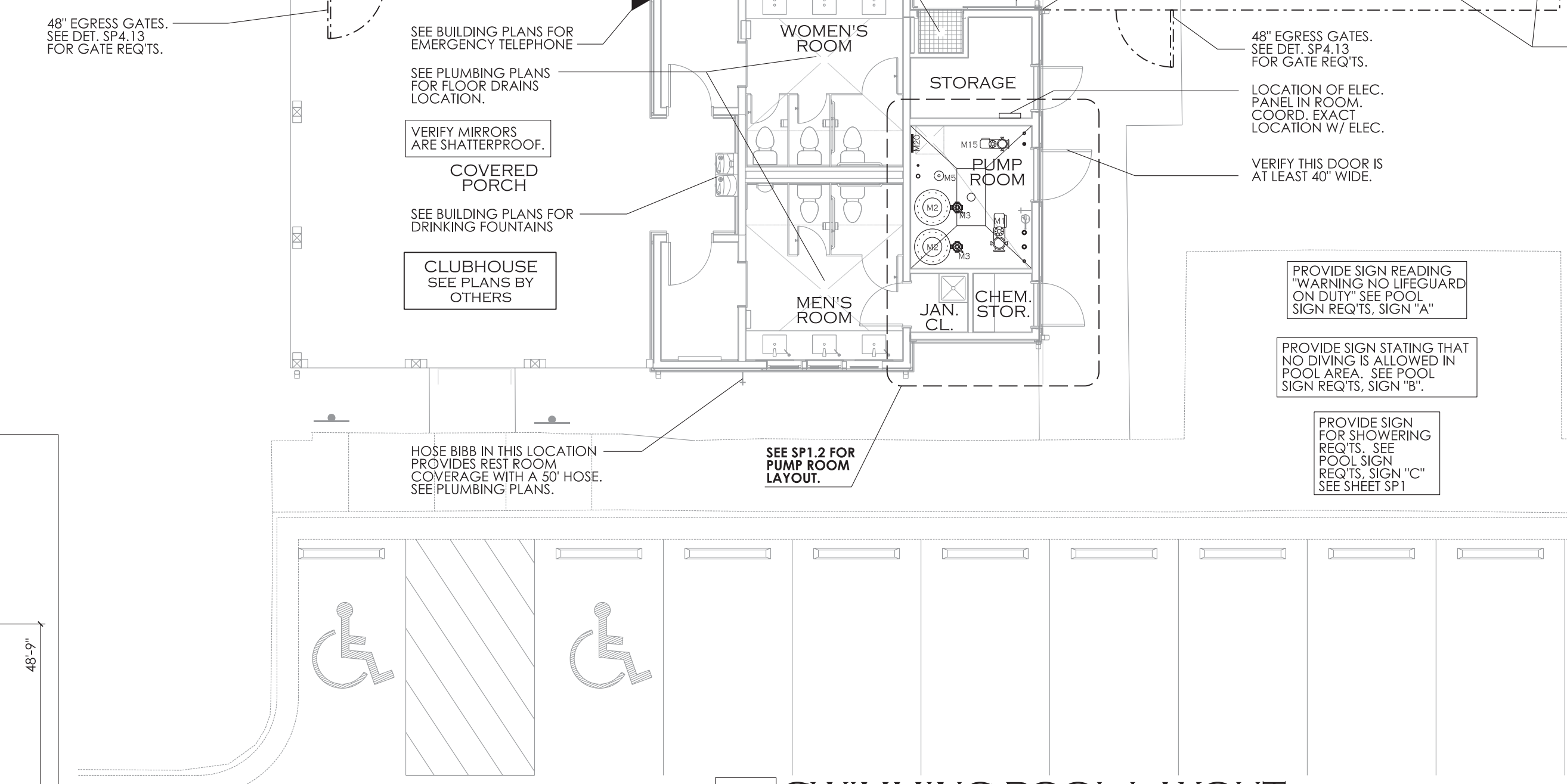
Reviewed for Fire Code Compliance
 Leslie Jackson
 01/06/2025 8:09:49 AM



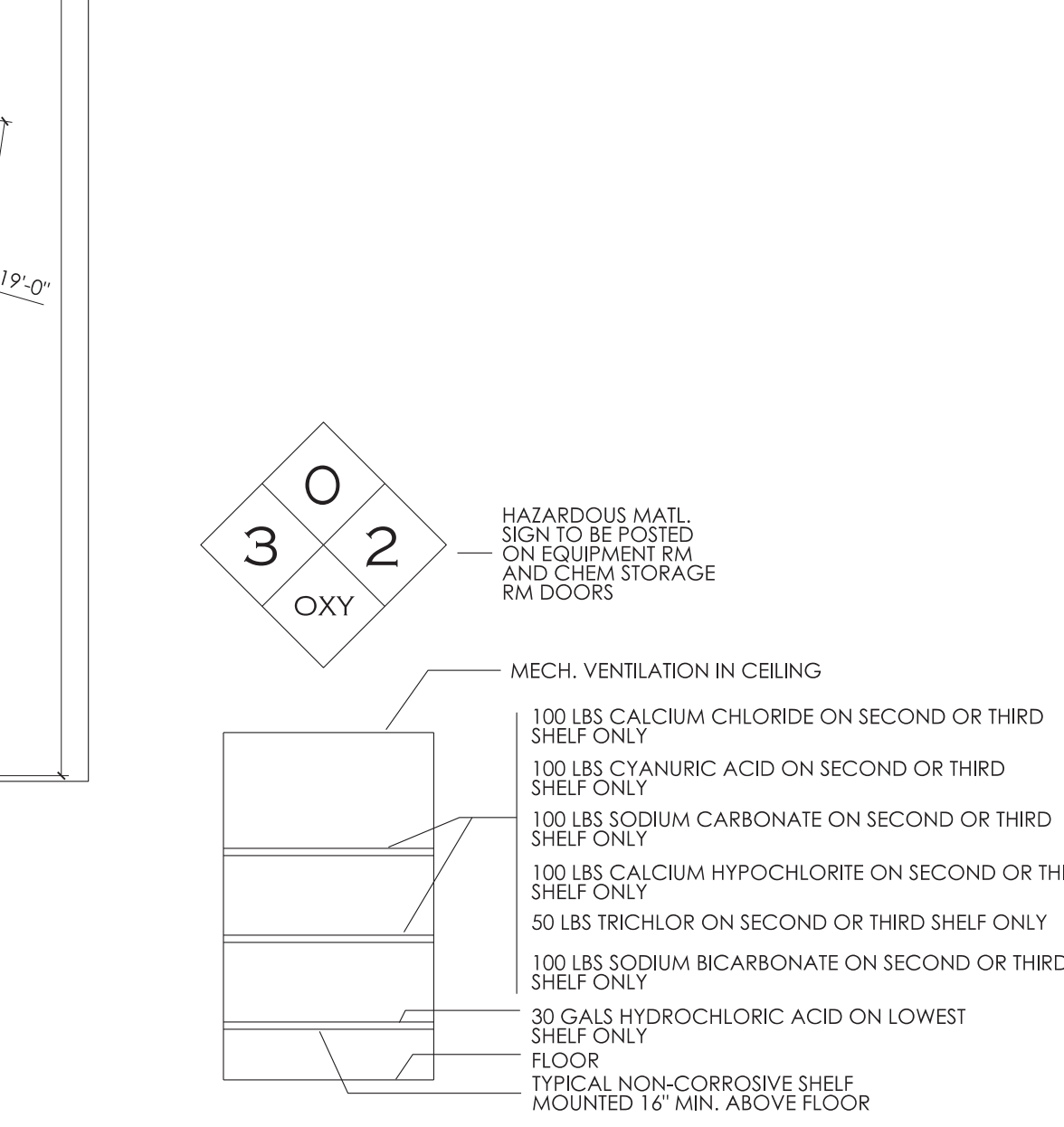
MAIN POOL EQUIPMENT SCHEDULE		
ITEM	DESCRIPTION	PRODUCT
M1	2.7 HP SELF-PRIMING PUMP W/ MATCHING STRAINER. 126 GPM @ 3450 RPM @ 65' F. OF HEAD. PROVIDE A SPARE BASKET FOR STRAINER.	HAYWARD TRISTAR VS 950
M2	30" DIA. HIGH RATE SAND FILTER WITH 5.0 S.F. MEDIA	HAYWARD HC2250
M3	MULTI-PORT VALVE	HAYWARD HCV275
M4	FLOW RATE INDICATOR	FLOWVIS
M5	EROSION CHLORINATOR	PENAIR RAINBOW 320
M6	MAIN DRAIN - 9"X9" SUMP AND COVER/GRATE AND 2" HYDROSTATIC RELIEF VALVE - HAYWARD SP1056/1055	AQUASTAR W4V9WR W/ W4V9WR1015SB
M7	IN-GROUND SKIMMER	AQUASTAR SKR-101
M8	IN-WALL INLET W/ DIRECTIONAL FITTINGS	HAYWARD SP1424S
M9	RESERVED	
M10	IN-WALL VACUUM FITTING, W/ PLUG	HAYWARD W40AWHP
M11	HANDICAP LIFT W/ OPTIONAL SLEEVE ANCHOR SYSTEM.	SR SMITH MULTI-LIFT 57-5000
M12	POOL LADDER, 3 RUNG	SR SMITH LF24-38-MG
M13	POOL HANDRAIL, 30" LONG. PROVIDE S.S. MOUNTING SLEEVES	SR SMITH PM-101
M14	POOL HANDRAIL, 4'-6" LONG. PROVIDE S.S. MOUNTING SLEEVES	HAYWARD-UNIG
M15	LED LIGHT, 150 WATT EQUIVALENT	COLORLOGIC LED
M16	1.65 THP FOUNTAIN PUMP W/ MATCHING STRAINER, 15 GPM @ 65' FT. OF HEAD AT 3450 RPM. PROVIDE A SPARE BASKET FOR STRAINER.	HAYWARD-SUPERPUMP VS-700
M17	BUBBLER SIDEWALL DRAINS	AQUASTAR-ATORCFR-101
M18	COLOR BUBBLER W/ 23 WATT LED LIGHT, 100 WATT EQUIVALENT	HAYWARD-COLORLOGIC 320
M19	AUTOMATIC WATER LEVEL CONTROLLER	POOL MISER PM-101
M20	POOL CONTROL PANEL	HAYWARD OMNI-PL
M21	SALT CHLORINATION SYSTEM, SECONDARY SYSTEM. WITH INTELLICHLOR POWER CENTER.	PENAIR INTELLICHLOR - IC-60

MAIN POOL DATA	
POOL DIMENSIONS:	63'-9 1/2" x 38'-5" OVERALL W/ ONE SUN-SHELF
POOL DEPTHS:	12" - 5'-0"
POOL VOLUME:	42,007 GALLONS
SURFACE AREA:	1,410 SF
PERIMETER:	185 LF
COPING:	CAST-IN-PLACE COPING
MIN. FLOW RATE:	117 GPM
DESIGN FLOW RATE:	126 GPM
CONSTRUCTION:	GUNITE
FINISH:	NON-SLIP PLASTER.
BATHER LOAD:	94 BATHERS
MAIN DRAINS:	(2) 3" MAIN DRAIN LINE
INLETS:	7 REQ'D. 7 WALL PROV. 3" MAIN RETURN LINE
SKIMMERS:	(4) 3" MAIN SKIMMER LINE
FILTER TYPE:	HIGH RATE SAND
FILTER SIZE, PROV.:	(2) @ 5.0 SF EACH, 10.0 TOTAL
BACKWASH RATE:	15 GPM/SF.
TURN-OVER RATE:	6 HOURS.
-REQ'D.:	5.54 HOURS
-PROV.:	
BACKWASH TO:	SANITARY SEWER
FRESHWATER SOURCE:	IN-LINE. AUTO FILL

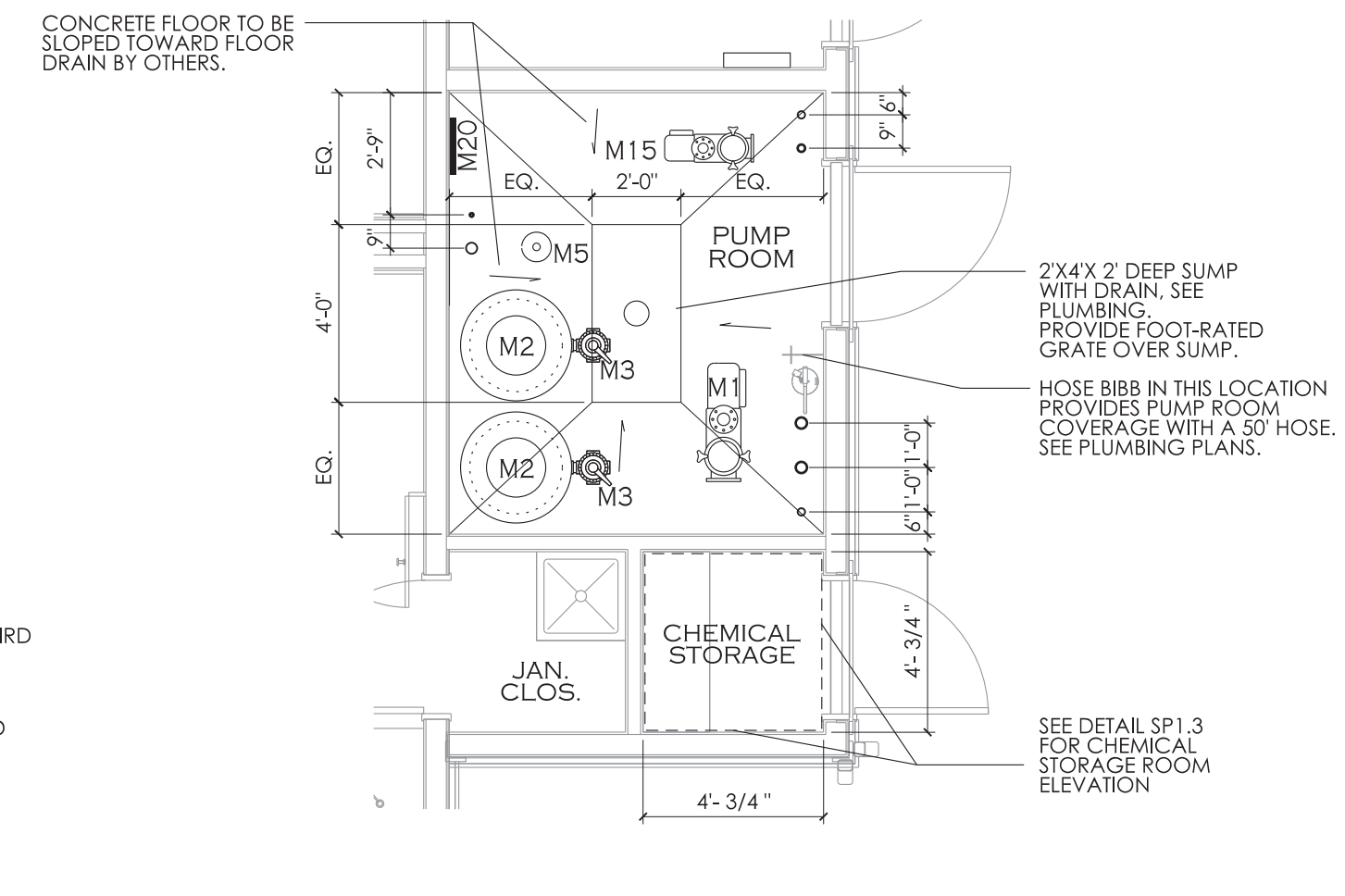
POOL DECK OCCUPANCY REQUIREMENTS	
TOTAL POOL DECK AREA IS 4,146 SF. 6' MINIMUM UN-OCCUPIABLE AREA AROUND THE POOL IS 1,231. GROSS POOL DECK FOR OCCUPANCY AT EXIT REQUIREMENTS IS 4,146 - 1,231 = 2,915 SF.	
2,915 SF AT 15 SF PER PERSON, DECK OCCUPANT LOAD IS 195.	
POOL AREA IS 1,410 SF. AT 50 SF PER PERSON, POOL OCCUPANT LOAD IS 29.	
TOTAL OCCUPANT LOAD OF 224 * 0.2' EQUAL 45' OF EXIT REQUIRED. 2 EXITS REQ'D. MIN. OF 120" SHOWN ON PLAN.	
REQ'D EXIT SEPARATION EQUALS 1/2 THE DIAGONAL OF 109', OR 54.5'. 54'-7" SHOWN ON PLANS.	



SP1 SWIMMING POOL LAYOUT SCALE: 1/8" = 1'-0"



SP1 CHEMICAL STORAGE ROOM ELEVATION SCALE: NTS



SP1 ENLARGED PUMP ROOM LAYOUT SCALE: 1/4" = 1'-0"

CHEMICAL STORAGE NOTES

CHEMICAL STORAGE REQUIREMENTS FOR THE POOL IS AS FOLLOWS:

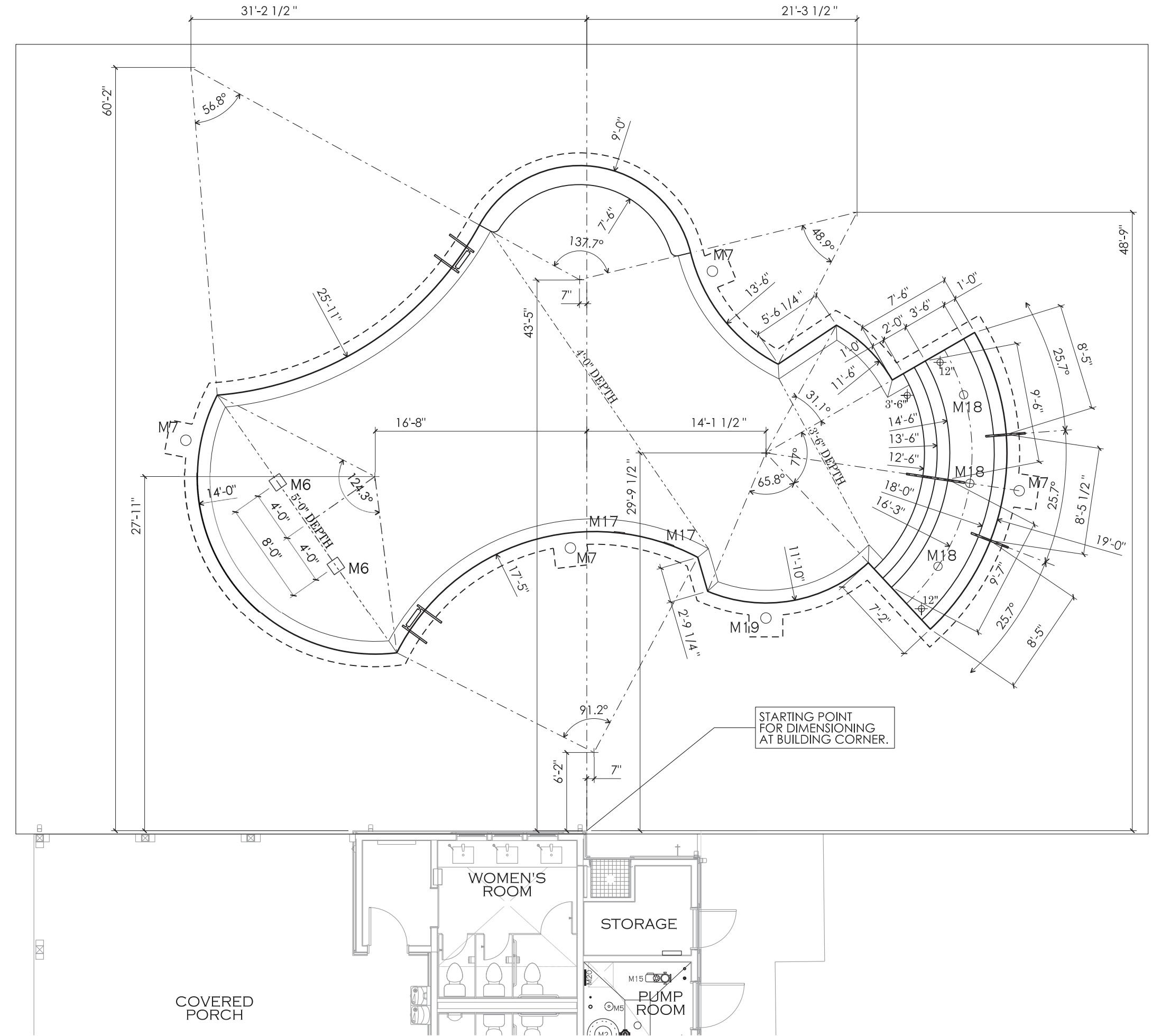
5 SQ. FT. FOR FIRST 10,000 GALLONS OF POOL PLUS 1 SQ. FT. FOR EACH ADDITIONAL 3,000 GALLONS OF POOL UP TO 100 SQ. FT. OF STORAGE.

5 SQ. FT. (FOR FIRST 10,000) = 10.67 SQ. FT. (1 SQ. FT. PER 3,000/3000) = 15.67 SQ. FT. REQUIRED.

CLUBHOUSE PROVIDES 16.5 SQ. FT. FOR CHEMICAL STORAGE.

BATH HOUSE DATA	
PER 15A NCAC 18A .2500	
TOTAL BATHER LOAD = 94 (50%-50% SPLIT) + OUTDOOR POOL = 1,410 / 15 = 94	
BATHHOUSE REQUIREMENTS:	
47 MEN, MIN. FIXTURES REQUIRED ARE: - ONE LAVATORY - ONE WATER CLOSET	
47 WOMEN, MIN FIXTURES ARE: - ONE LAVATORY - ONE WATER CLOSET	
1 SHOWER IS REQUIRED.	
PER N.C. PLUMBING CODE	
TOTAL BATHER LOAD = 224 (50%-50% SPLIT) + OUTDOOR DECK = 2,915 / 13 = 195 + OUTDOOR POOL - 1,410 / 50 = 29	
BATHHOUSE REQUIREMENTS:	
112 MEN, MIN. FIXTURES REQUIRED ARE: - ONE LAVATORY - ONE WATER CLOSET - TWO WATER CLOSETS	
112 WOMEN, MIN FIXTURES ARE: - ONE LAVATORY - ONE WATER CLOSET - TWO WATER CLOSETS	
TWO DRINKING FOUNTAINS ARE REQUIRED.	
PROJECT REQUIREMENTS	
MEN:	WOMEN:
-ONE LAVATORY	-ONE LAVATORY
-ONE WATER CLOSET	-TWO WATER CLOSETS
-ONE SHOWER	
-TWO DRINKING FOUNTAINS	

INDEX OF DRAWINGS				
SHEET	TITLE	PERMIT SET DATE = 08/28/24	R#	LAST REV.
SP1	MAIN POOL AND PUMP ROOM LAYOUTS			
SP2	POOL AND PUMP ROOM PIPING LAYOUTS			
SP3	POOL AND PUMP ROOM ELECTRICAL LAYOUTS			
SP4	POOL SECTIONS			
SP5	POOL DETAILS			
SP6	MAIN POOL EQUIPMENT CUTSHEETS			
SP7	MAIN POOL EQUIPMENT CUTSHEETS			
SP8	MAIN POOL EQUIPMENT CUTSHEETS			



SP1 POOL DIMENSION PLAN SCALE: 1/8" = 1'-0"



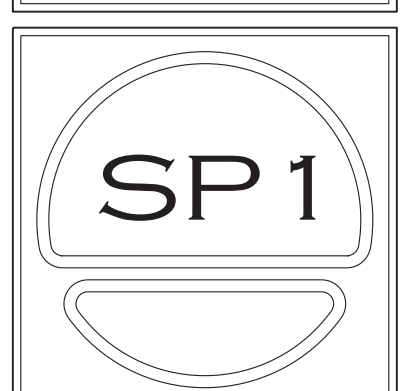
bai - ARCHITECTS
 978 Trinity Road - Raleigh, North Carolina 27607
 P: 919.859.7003 - F: 919.859.7121 - bai-architects.com

THE USE OF THESE PLANS IS EXPRESSLY LIMITED TO THE PROJECT AND SITE SPECIFICALLY IDENTIFIED IN THESE PLANS AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. BEFORE REPRODUCTION OR PUBLICATION BY ANY METHOD, IN WHOLE OR IN PART IS PROHIBITED. TITLE TO THE PLANS AND SPECIFICATIONS REMAINS WITH THE ARCHITECT WITHOUT PREJUDICE. THEY ARE TO BE RETURNED UPON REQUEST TO THE ARCHITECT. VISUAL CONTACT WITH THESE PLANS AND SPECIFICATIONS SHALL CONSTITUTE A BREACH OF THE PROFESSIONAL ETHICS OF THE REGISTERED ARCHITECT.

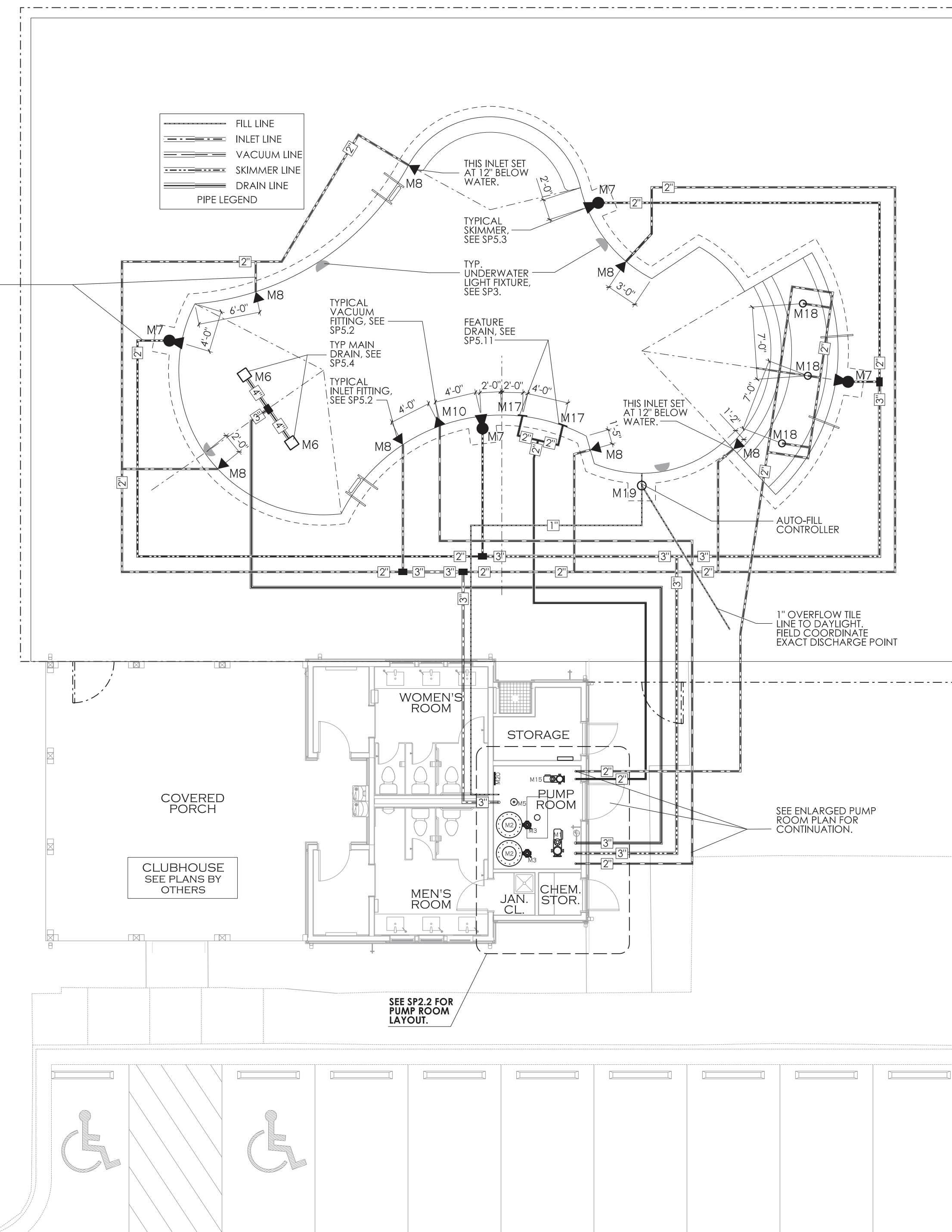


COMMENTS/REVISIONS	
NO.	PROJECT ENTERED INTO COMPUTER
	CD PROGRESS SET
	CD PERMIT SET
DATE	PROJECT ENTERED INTO COMPUTER
08/01/24	CD PROGRESS SET
08/20/24	CD PROGRESS SET
08/28/24	CD PERMIT SET

SWIMMING POOL FOR CAMDEN PLACE
 36 HANK WAY
 ANGLIER, NC 27501
 RELEASED FOR CONSTRUCTION © 08/28/24

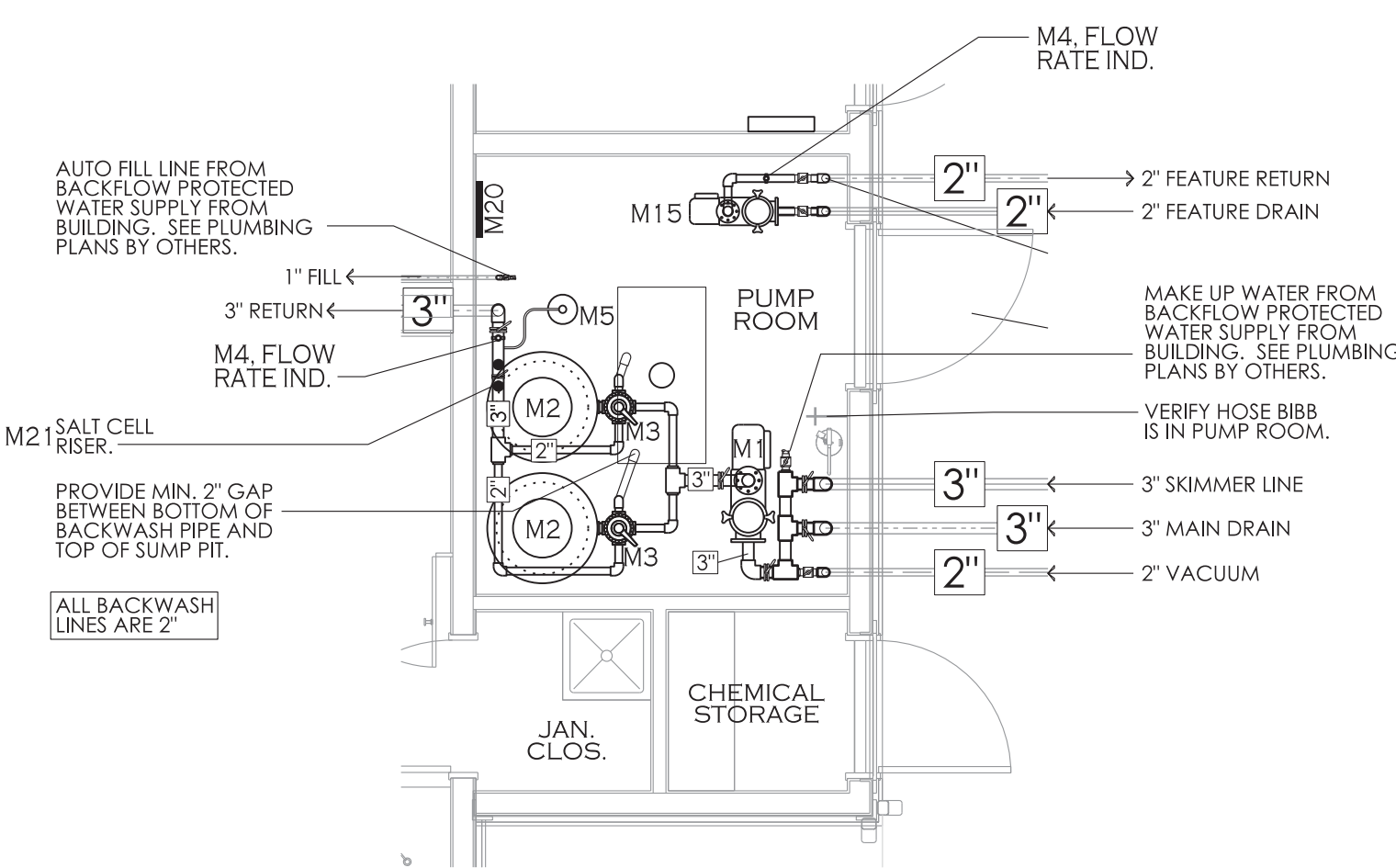


NOTE:
PIPE CONNECTIONS TO ALL
SKIMMERS, VACUUM LINES
AND INLETS TO BE 2" PIPE
UNLESS NOTED OTHERWISE.
DESIGNATION NOT SHOWN
FOR CLARITY OF DRAWING.



SP2 POOL PIPING LAYOUT
.1 SCALE: 1/8" = 1'-0"

MAINTAIN MIN. 3'-0"
WIDE ACCESS TO
ALL VALVES AND
EQUIPMENT.
FLOW RATE INDICATOR
TO BE MOUNTED IN AN
ACCESSIBLE AND
OBVIOUS LOCATION PER
MANUF. DETAILS.
SEE PLUMBING PLANS BY
OTHERS FOR HOSE BIBB
IN POOL EQUIPMENT
ROOM.
BALL VALVE
BUTTERFLY VALVE



SP2 ENLARGED PUMP ROOM PIPING LAYOUT
.2 SCALE: 1/4" = 1'-0"

MAIN POOL EQUIPMENT SCHEDULE		
ITEM	DESCRIPTION	PRODUCT
M1	2.7 HP SELF-PRIMING PUMP W/ MATCHING STRAINER, 126 GPM @ 3450 RPM @ 65 F. OF HEAD - PROVIDE A SPARE BASKET FOR STRAINER.	HAYWARD TRISTAR VS 950
M2	30" DIA. HIGH RATE SAND FILTER WITH 5.0 S.F. MEDIA	HAYWARD HC2750
M3	MULTI-PORT VALVE	HAYWARD - HCV275
M4	FLOW RATE INDICATOR	FLOWVIS
M5	EROSION CHLORINATOR	PENAIR RAINBOW 320
M6	MAIN DRAIN - 9"X9" SUMP AND COVER/GRATE AND 2" HYDROSTATIC RELIEF VALVE - HAYWARD SP1056/1055	AQUASTAR W4V9WR W/ W4V9WR101SSB
M7	IN-GROUND SKIMMER	AQUASTAR SKR-101
M8	IN-WALL INLET W/ DIRECTIONAL FITTINGS	HAYWARD SP1424S
M9	RESERVED	
M10	IN-WALL VACUUM FITTING, W/ PLUG	HAYWARD W400AWHP
M11	HANDICAP LIFT W/ OPTIONAL SLEEVE ANCHOR SYSTEM.	SR SMITH MULTI-LIFT 575-0003
M12	POOL LADDER, 3 RUNG	SR SMITH - LF24-38-MG
M13	POOL HANDRAIL, 30" LONG, PROVIDE S.S. MOUNTING SLEEVES	SR SMITH - FIGURE 4
M14	POOL HANDRAIL, 4'-6" LONG, PROVIDE S.S. MOUNTING SLEEVES	SR SMITH - DMS-102-MG
M15	LED LIGHT, 150 WATT EQUIVALENT	HAYWARD UNIV. COLORLOGIC LED
M16	1.65 THP FOUNTAIN PUMP W/ MATCHING STRAINER, 15 GPM @ 65 FT. OF HEAD AT 3450 RPM - PROVIDE A SPARE BASKET FOR STRAINER	HAYWARD - SUPERPUMP VS-700
M17	BUBBLER SIDEWALL DRAINS	AQUASTAR - A10R-CFR-101
M18	COLOR BUBBLER W/ 23 WATT LED LIGHT, 100 WATT EQUIVALENT	HAYWARD COLORLOGIC 320
M19	AUTOMATIC WATER LEVEL CONTROLLER	POOL MISER PM-101
M20	POOL CONTROL PANEL	HAYWARD OMNI-PL
M21	SALT CHLORINATION SYSTEM, SECONDARY SYSTEM, WITH INTELLICHLOR POWER CENTER	PENAIR INTELLICHLOR - IC-60
M22	POOL CONTRACTOR SHALL VERIFY THAT POOL EQUIPMENT SCHEDULE AND CUT SHEETS MATCH BEFORE ORDERING ANY ITEMS OF EQUIPMENT.	

MAIN POOL DATA	
POOL DIMENSIONS:	63'-9 1/2" x 38'-5" OVERALL W/ ONE SUNSHELF
POOL DEPTHS:	12' - 5'-0"
POOL VOLUME:	42,007 GALLONS
SURFACE AREA:	1,410 SF
PERIMETER:	185 LF
COPING:	CAST-IN-PLACE COPING
MIN. FLOW RATE:	117 GPM
DESIGN FLOW RATE:	126 GPM
CONSTRUCTION:	GUNITITE
FINISH:	NON-SLIP PLASTER.
BATHER LOAD:	94 BATHERS
MAIN DRAINS:	(2), 3" MAIN DRAIN LINE
INLETS:	7 REQ'D, 7 WALL PROV, 3" MAIN RETURN LINE
SKIMMERS:	(4), 3" MAIN SKIMMER LINE
FILTER, TYPE:	HIGH RATE SAND
FILTER SIZE, PROV:	(2) @ 5.0 SF EACH, 10.0 TOTAL
FILTER SIZE, REQ'D:	7.98 SF
MEDIA CIRC. RATE:	15 GPM/SF.
BACKWASH RATE:	15 GPM/SF.
TURNOVER RATE:	6 HOURS
- REQ'D:	5.34 HOURS
- PROV:	
BACKWASH TO:	SANITARY SEWER
FRESHWATER SOURCE:	IN-LINE, AUTO FILL

PUMP FLOW PIPE SIZE BASIS "DESIGN FLOW RATE"
OUTDOOR POOL: HAYWARD TRISTAR VS950 VS PUMP FLOW AT 65 FEET OF HEAD @ 3450 RPM IS 126 GPM WITH SPECIFIED 3" MAIN DRAIN AND SKIMMER LINE VELOCITIES ARE AT 5.5 FPS. AND 3" RETURN PIPING VELOCITY IS AT 5.5 FPS.
FEATURE PUMP: SUPERPUMP VS-700 PUMP FLOW AT 65 FEET OF HEAD @ 3450 RPM IS 15 GPM. WITH SPECIFIED 2" MAIN DRAIN AND RETURN PIPING VELOCITIES IS 1.6 FPS.

- POOL PIPING NOTES
- WHERE PIPE IS RUN UNDER FOOTINGS - PROVIDE SCHEDULE 40 PVC SLEEVE A MIN. OF 2'-0" BELOW THE BOTTOM OF THE FOOTER. SUBGRADE ABOVE SLEEVE TO BE COMPACTED TO MIN. REQUIREMENTS FOR FOUNDATION SYSTEM.
 - ALL POOL PIPE TO BE PRESSURE RATED SCHEDULE 40 PVC.
 - PIPE CONNECTIONS TO SKIMMERS, VACUUM LINES AND INLETS TO BE 2" PIPE.
 - PROVIDE TILE LINE OVERFLOW PIPE TO RUN TO DAYLIGHT OUTSIDE OF POOL DECK ENCLOSURE.
 - ALL PIPE RUNS ARE SCHEMATIC. RUN PIPE TO MINIMIZE TRENCHING/EXCAVATION.
 - ALL PIPE SHALL BE MARKED DESIGNATING FLOW DIRECTION AND IDENTITY.



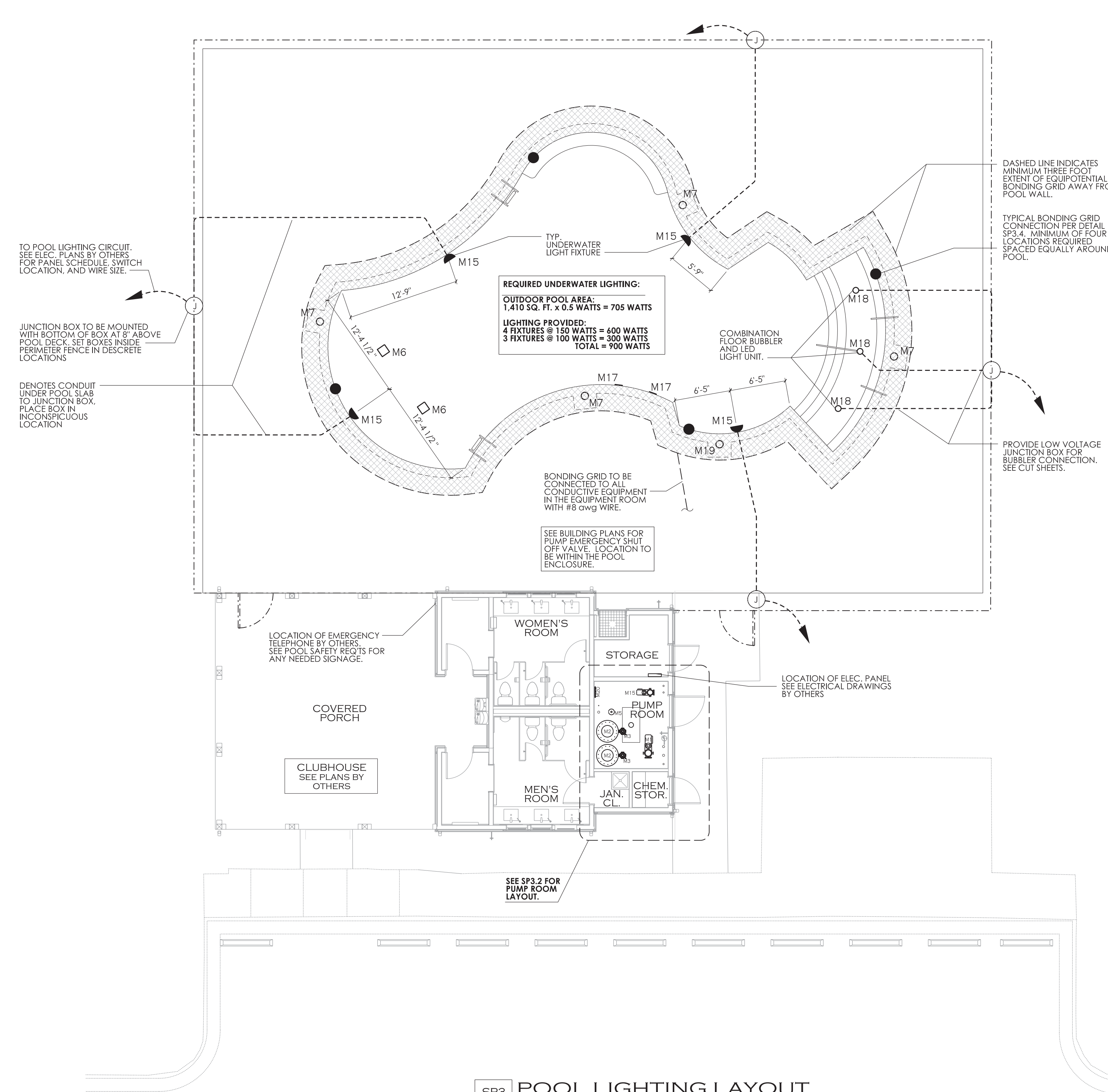
bai - ARCHITECTS
978 Trinity Road - Raleigh, North Carolina 27607
P: 919.859.7003 - F: 919.859.7121 - bai-architects.com
THE USE OF THESE PLANS IS EXPRESSLY LIMITED TO THE PROJECT AND SITE SPECIFICALLY IDENTIFIED AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. BEFORE REPRODUCTION OR PUBLICATION BY ANY METHOD, IN WHOLE OR IN PART IS PROHIBITED. TITLE TO THE PLANS AND SPECIFICATIONS REMAINS WITH THE ARCHITECT WITHOUT PREJUDICE. THEY ARE TO BE RETURNED UPON REQUEST TO THE ARCHITECT. VISUAL CONTACT WITH THESE PLANS AND SPECIFICATIONS SHALL CONSTITUTE A BREACH OF THE CONFIDENTIALITY OF THESE INFORMATION.



NO.	COMMENTS/REVISIONS
	PROJECT ENTERED INTO COMPUTER
	CD PROGRESS SET
	CD PERMIT SET
DATE	
08/01/24	
08/20/24	
08/28/24	

SWIMMING POOL
FOR
CAMDEN PLACE
36 HANK WAY
ANGIER, NC 27501
RELEASED FOR CONSTRUCTION © 08/28/24

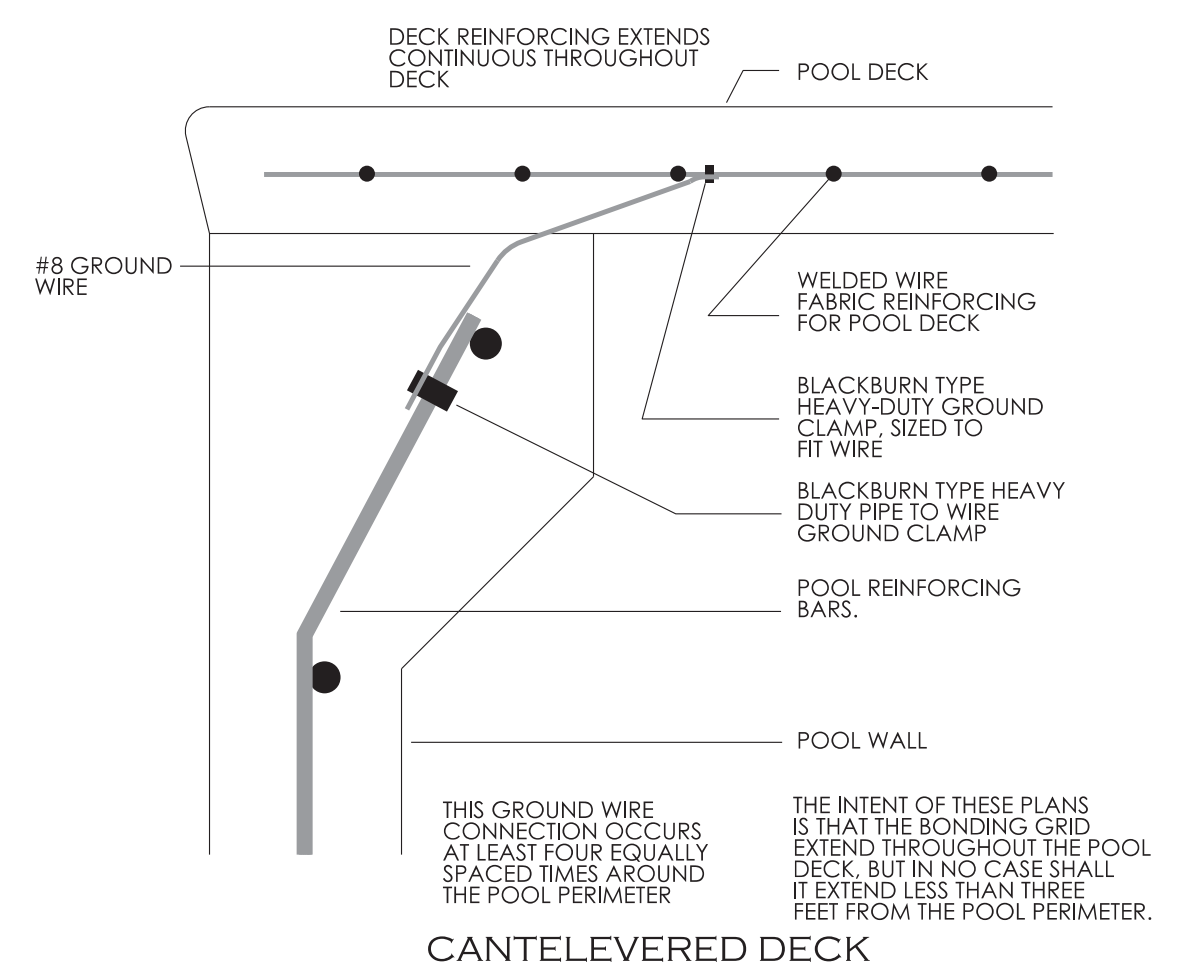




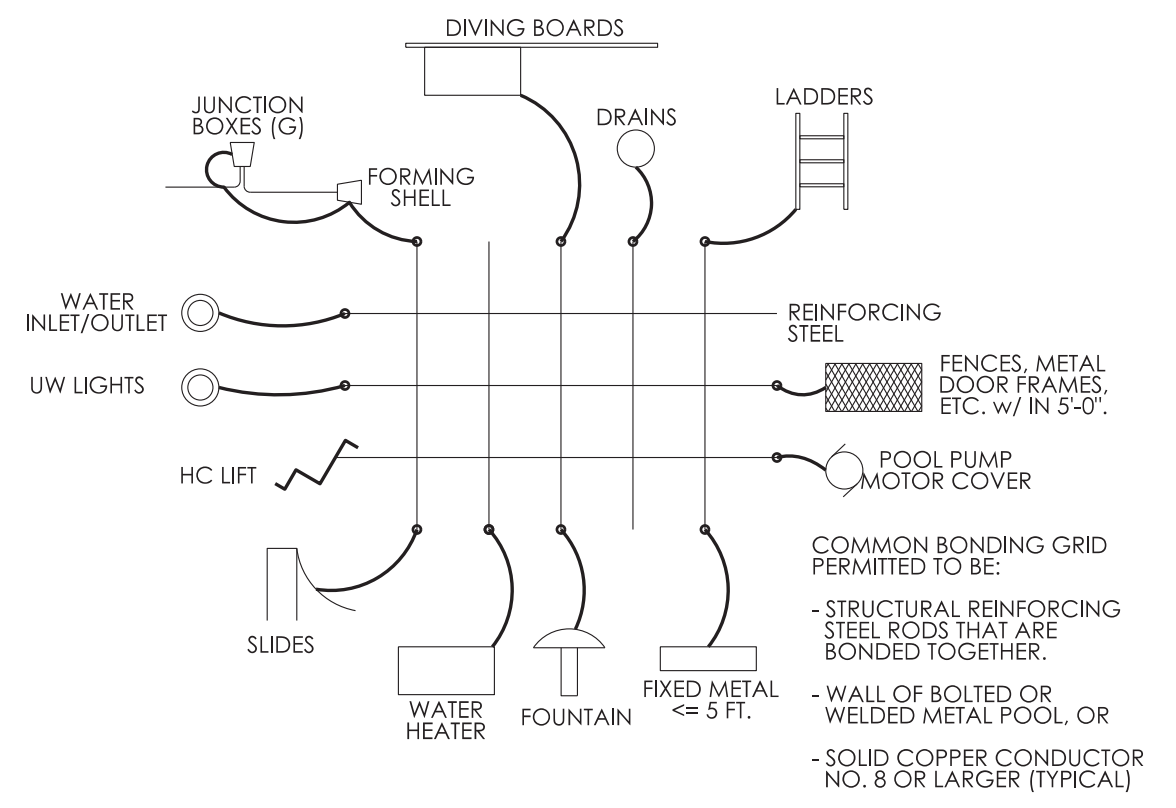
MAIN POOL EQUIPMENT SCHEDULE		
ITEM	DESCRIPTION	PRODUCT
M1	2.7 HP SELF-PRIMING PUMP W/ MATCHING STRAINER, 126 GPM @ 3450 RPM @ 65 F. OF HEAD. PROVIDE A SPARE BASKET FOR STRAINER.	HAYWARD TRISTAR VS 950
M2	30" DIA., HIGH RATE SAND FILTER WITH 5.0 S.F. MEDIA	HAYWARD HC2750
M3	MULTI-PORT VALVE	HAYWARD-HCV275
M4	FLOW RATE INDICATOR	FLOWVIS
M5	EROSION CHLORINATOR	PENAIR RAINBOW 320
M6	MAIN DRAIN - 9"X9" SUMP AND COVER/GRATE AND 2" HYDROSTATIC RELIEF VALVE - HAYWARD SP1056/1055	AQUASTAR WA99WR W/ WA99WR1015SB
M7	IN-GROUND SKIMMER	AQUASTAR SKR-101
M8	IN-WALL INLET W/ DIRECTIONAL FITTINGS	HAYWARD SP1424S
M9	RESERVED	
M10	IN-WALL VACUUM FITTING, W/ PLUG	HAYWARD W400AWHP
M11	HANDICAP LIFT W/ OPTIONAL SLEEVE ANCHOR SYSTEM.	SR SMITH MULTI-LIFT 575-3000
M12	POOL LADDER, 3 RUNG	SR SMITH-LF24-38-MG
M13	POOL HANDRAIL, 30" LONG, PROVIDE S.S. MOUNTING SLEEVES	SR SMITH - FIGURE 4
M14	POOL HANDRAIL, 4'-6" LONG, PROVIDE S.S. MOUNTING SLEEVES	SR SMITH - DMS-102-MG
M15	LED LIGHT, 150 WATT EQUIVALENT	HAYWARD UNIV. COLORLOGIC LED
M16	1.65 THP FOUNTAIN PUMP W/ MATCHING STRAINER, 15 GPM @ 65 FT. OF HEAD AT 3450 RPM. PROVIDE A SPARE BASKET FOR STRAINER	HAYWARD-SUPERPUMP VS-700
M17	BUBBLER SIDEWALL DRAINS	AQUASTAR-ATORCFR-101
M18	COLOR BUBBLER W/ 23 WATT LED LIGHT, 100 WATT EQUIVALENT	HAYWARD-COLORLOGIC 320
M19	AUTOMATIC WATER LEVEL CONTROLLER	POOL MISER PM-101
M20	POOL CONTROL PANEL	HAYWARD OMNI-PL
M21	SALT CHLORINATION SYSTEM, SECONDARY SYSTEM, WITH INTELLICHLOR POWER CENTER.	PENAIR INTELLICHLOR - IC-60
M22		

MAIN POOL DATA	
POOL DIMENSIONS:	63'-9 1/2" x 38'-5" OVERALL W/ ONE SUNSHEL
POOL DEPTHS:	12' - 5'-0"
POOL VOLUME:	42,007 GALLONS
SURFACE AREA:	1,410 SF
PERIMETER:	185 LF
COPING:	CAST-IN-PLACE COPING
MIN. FLOW RATE:	117 GPM
DESIGN FLOW RATE:	126 GPM
CONSTRUCTION:	GUNITI
FINISH:	NON-SLIP PLASTER.
BATHER LOAD:	94 BATHERS
MAIN DRAINS:	(2) 3" MAIN DRAIN LINE
INLETS:	7 REQ'D, 7 WALL PROV, 3" MAIN RETURN LINE
SKIMMERS:	(4) 3" MAIN SKIMMER LINE
FILTER, TYPE:	HIGH RATE SAND
FILTER SIZE, PROV:	(2) @ 5.0 SF EACH, 10.0 TOTAL
FILTER SIZE, REQ'D:	7.78 SF
MEDIA CIRC. RATE:	15 GPM/SF.
BACKWASH RATE:	15 GPM/SF.
TURNOVER RATE:	6 HOURS
- REQ'D:	5.34 HOURS
- PROV:	
BACKWASH TO:	SANITARY SEWER
FRESHWATER:	IN-LINE, AUTO FILL
SOURCE:	

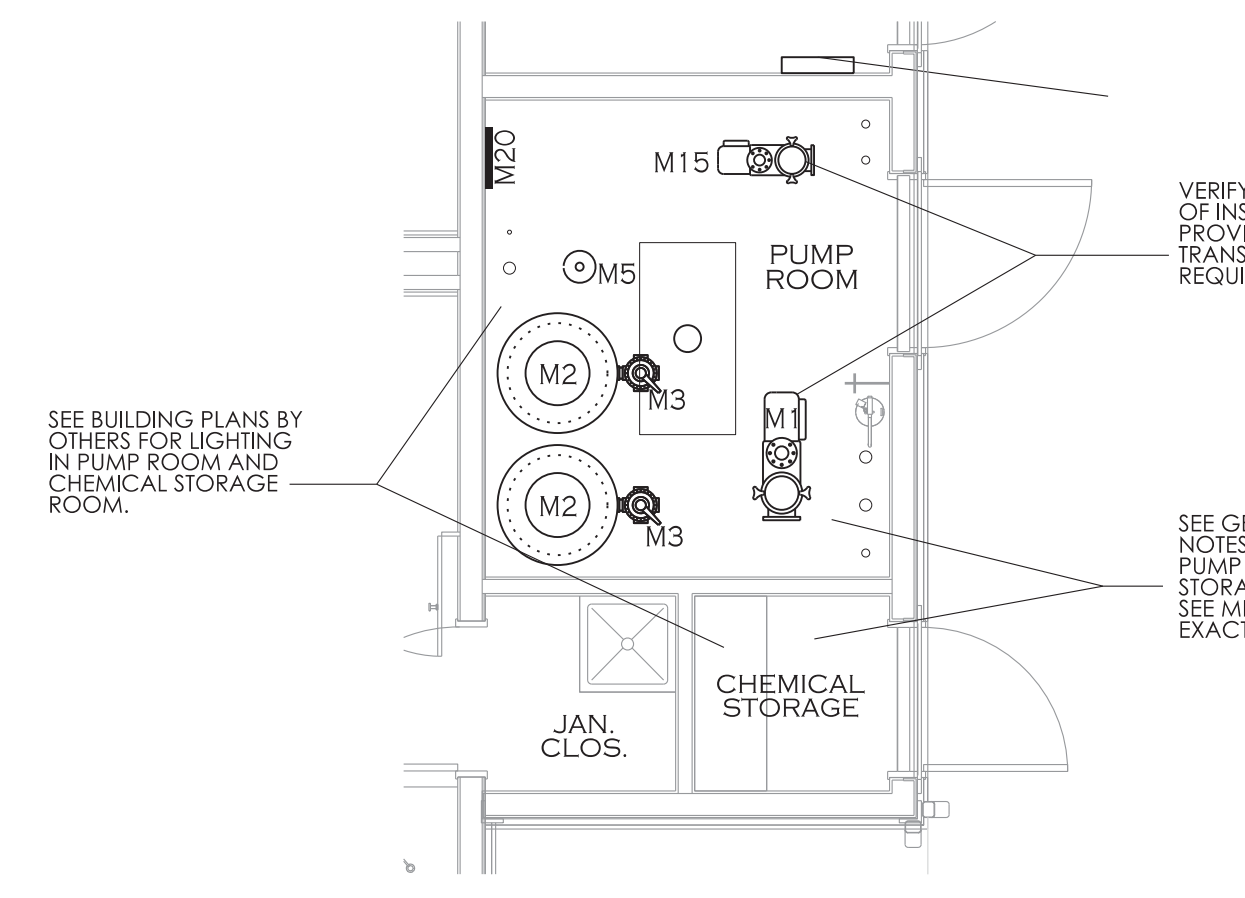
SP3 POOL LIGHTING LAYOUT SCALE: 1/8" = 1'-0"



SP3 .4 EQUIPOTENTIAL BONDING GRID DETAIL NOT TO SCALE



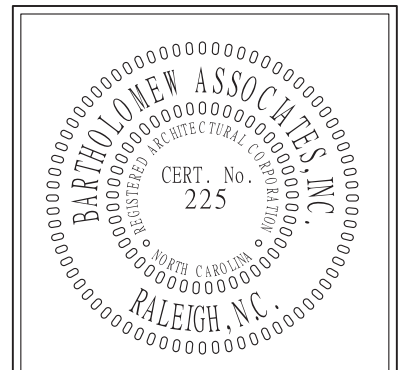
SP3 .3 SWIMMING POOL BONDING RISER NOT TO SCALE



SP3 .2 ENLARGED PUMP ROOM POWER LAYOUT SCALE: 1/4" = 1'-0"

GENERAL VENTILATION NOTES
 PUMP ROOM - VERIFY VENTILATION OF THIS ROOM IS EITHER NATURAL CROSS DRAFT OR CONTINUOUS FORCED VENTILATION WHICH DIRECTS VENTED AIR AWAY FROM THE POOL AREA. IF FORCED VENTILATION EQUIPMENT IS USED, IT SHALL RUN CONTINUOUS AND NOT BE CONNECTED TO THE PUMP ROOM LIGHT SWITCH.
 CHEMICAL ROOM - VERIFY VENTILATION OF THIS ROOM IS EITHER NATURAL CROSS DRAFT OR CONTINUOUS FORCED VENTILATION WHICH DIRECTS VENTED AIR AWAY FROM THE POOL AREA. IF FORCED VENTILATION EQUIPMENT IS USED, IT SHALL RUN CONTINUOUS AND NOT BE CONNECTED TO THE CHEMICAL ROOM LIGHT SWITCH.

- GENERAL NOTES - ELECTRICAL**
- SEE ELECTRICAL PLANS BY OTHERS FOR ALL ELECTRICAL DESIGN, INCLUDING ELECTRICAL SPECIFICATIONS, CIRCUITING, AND CONNECTION OF ELECTRICAL DEVICES SCHEDULED ON THE POOL PLANS.
 - THE SWIMMING POOL DESIGN INCLUDES, FOR INFORMATION ONLY, CUT SHEETS OF THE UNDERWATER LIGHT FIXTURES, POOL PUMPS AND OTHER POOL EQUIPMENT THAT REQUIRES AN ELECTRICAL CONNECTION, AND THE LOCATION OF THESE ITEMS OF EQUIPMENT.
 - BOND ALL NON CURRENT CARRYING METALLIC PARTS RELATING TO POOL. SEE THE BONDING DETAIL ON THIS SHEET.
 - AREA LIGHTING NOTE: AREA LIGHTING OF THE POOL DECK IS BY OTHERS.
 - AREA LIGHTING IS TO ILLUMINATE ALL PARTS OF THE POOL, THE WATER, THE DEPTH MARKERS, SIGNS, ENTRANCES, RESTROOMS, SAFETY EQUIPMENT AND THE REQUIRED DECK AREA AND WALKWAYS.
 - LIGHTING PER SECTION: 2524 OF THE SWIMMING POOL CODE.
 - NIGHT SWIMMING IS NOT ALLOWED UNTIL AREA LIGHTING IS PROVIDED.
 - REQUIRED TO PROVIDE SUFFICIENT ILLUMINATION OF THE MAIN DRAINS OF THE POOL.
 - REQUIRED TO PROVIDE SUFFICIENT ILLUMINATION OF THE REQUIRED DECK AREA OF THE POOL SO THAT IT IS VISIBLE AT ALL TIMES THE POOL IS IN USE.
 - COORDINATE WITH LOCAL INSPECTOR FOR APPROVAL OF PROPOSED LIGHTING.



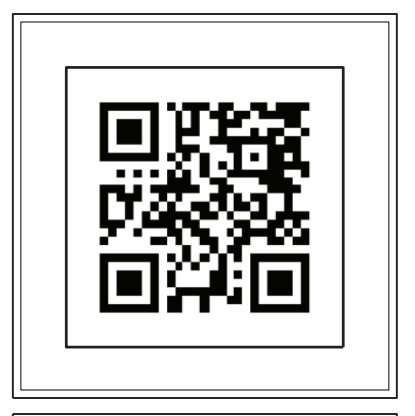
bai - ARCHITECTS
 978 Trinity Road - Raleigh, North Carolina 27607
 P: 919.859.7003 - F: 919.859.7121 - bai-architects.com
 THE USE OF THESE PLANS IS EXPRESSLY LIMITED TO THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE, REPRODUCTION, OR PUBLICATION BY ANY METHOD, IN WHOLE OR IN PART IS PROHIBITED. TITLE TO THE PLANS AND SPECIFICATIONS REMAINS WITH THE ARCHITECT WITHOUT PREJUDICE. THEY ARE TO BE RETURNED UPON REQUEST TO THE ARCHITECT. VISUAL CONTACT WITH THESE PLANS AND SPECIFICATIONS SHALL CONSTITUTE A BREACH OF THE CONFIDENTIALITY OF THESE PLANS AND SPECIFICATIONS.



NO.	COMMENTS/REVISIONS	DATE
	PROJECT ENTERED INTO COMPUTER	08/01/24
	CD PROGRESS SET	08/20/24
	CD PERMIT SET	08/28/24

SWIMMING POOL
 FOR
 CAMDEN PLACE
 36 HANK WAY
 ANGLIER, NC 27501
 RELEASED FOR CONSTRUCTION © 08/28/24



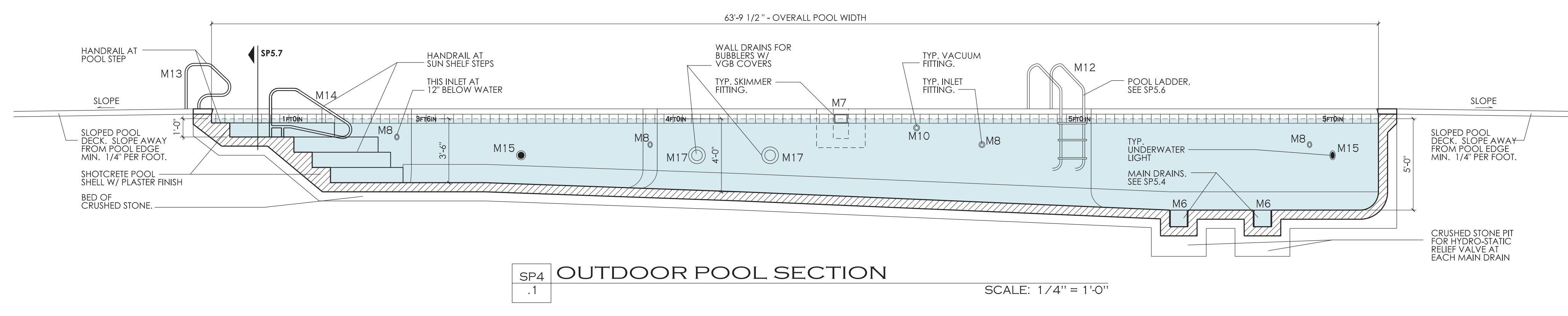
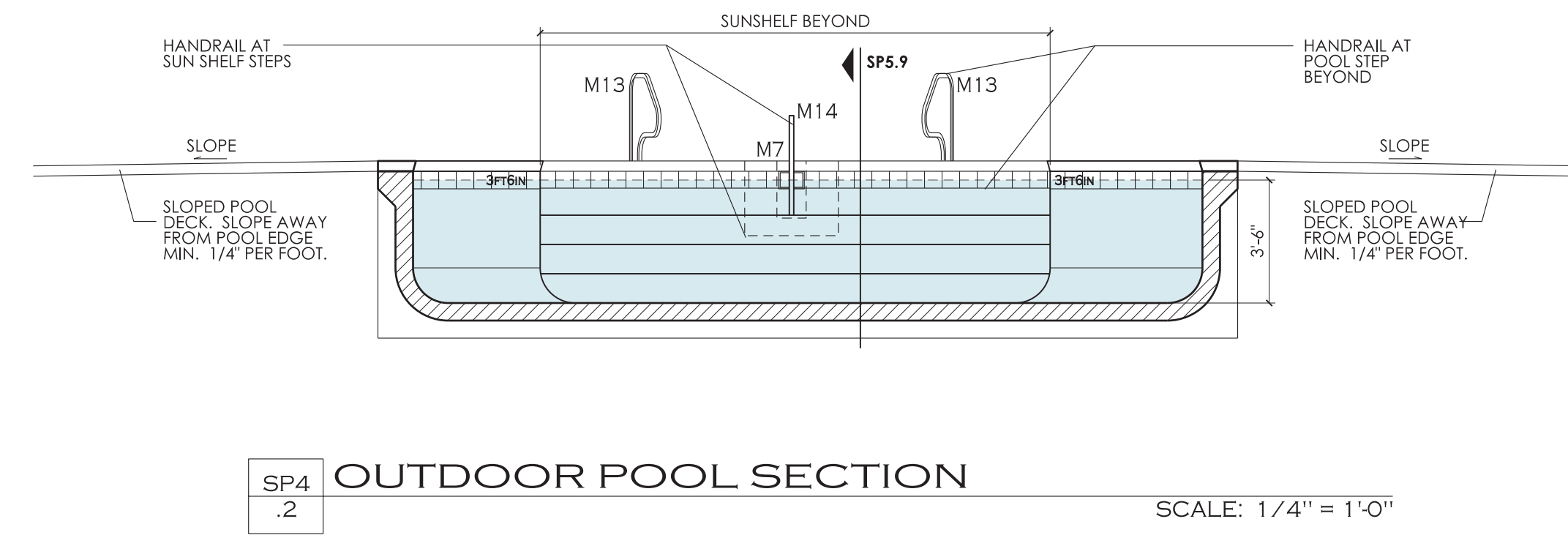
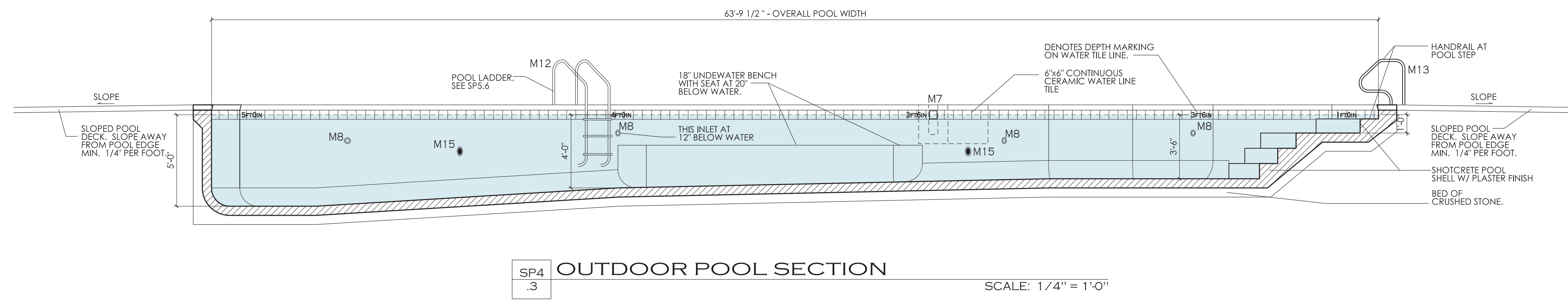
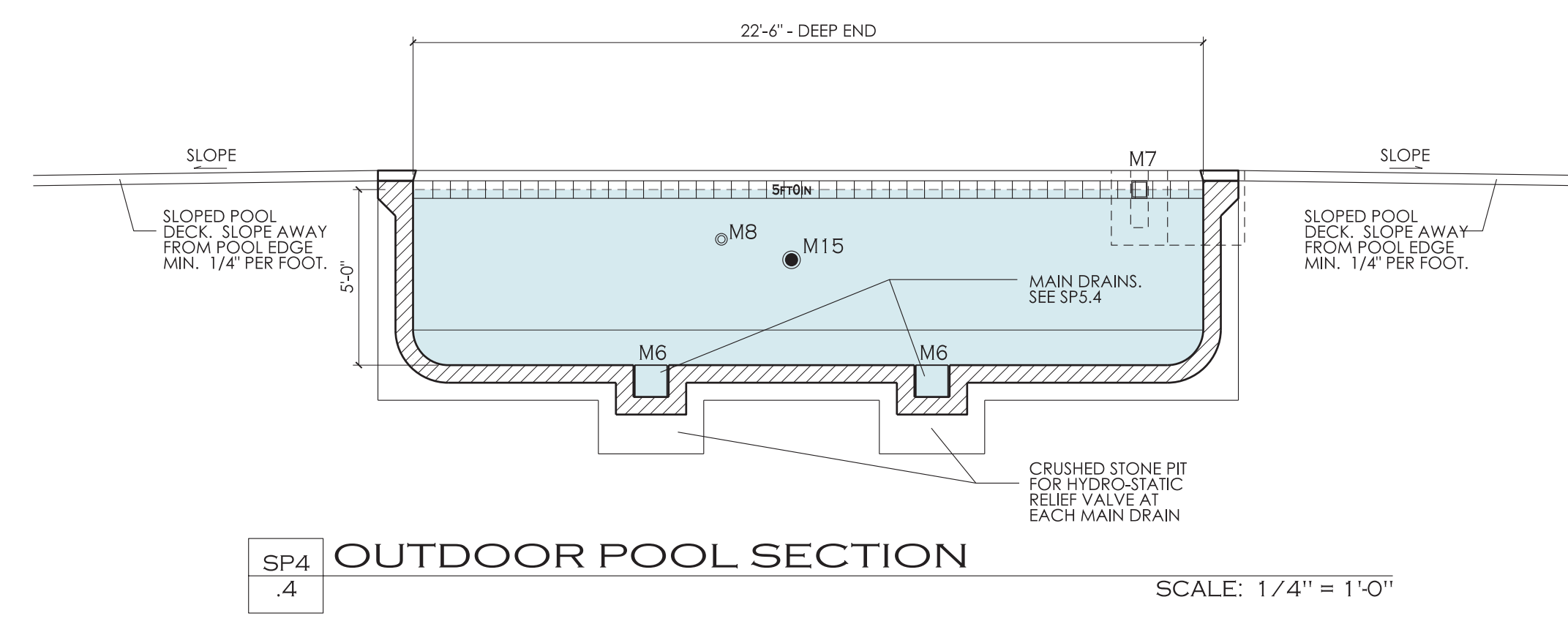


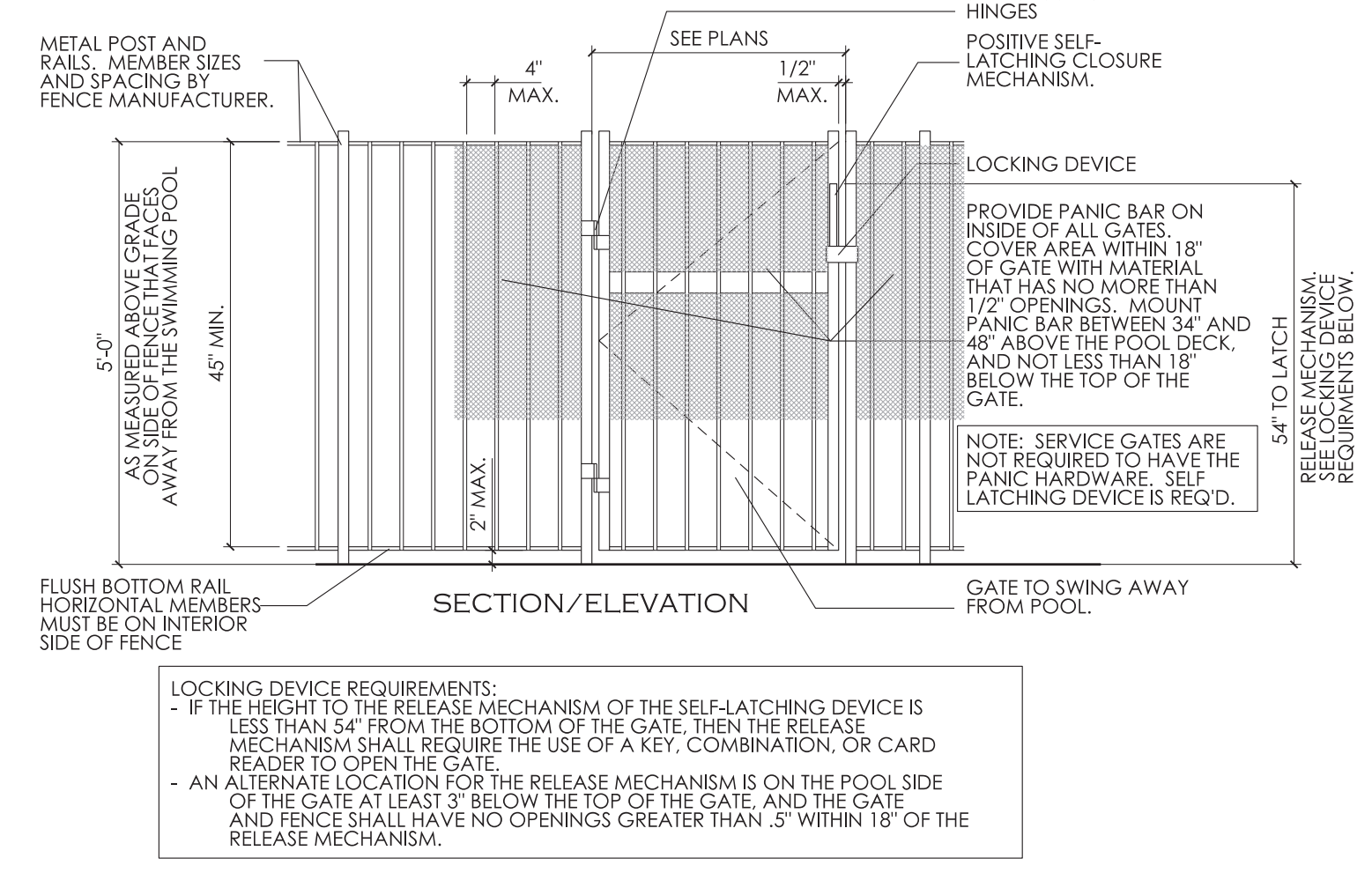
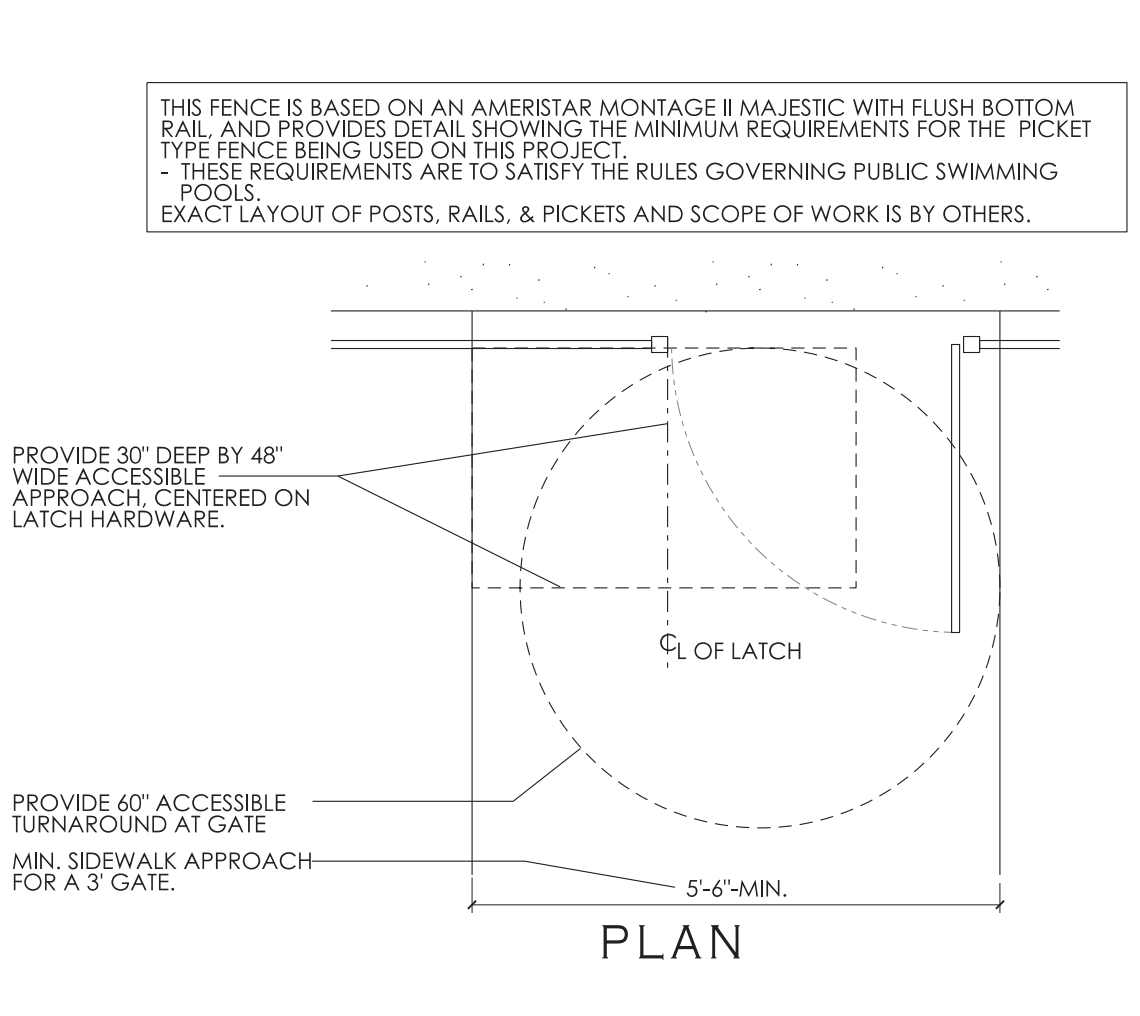
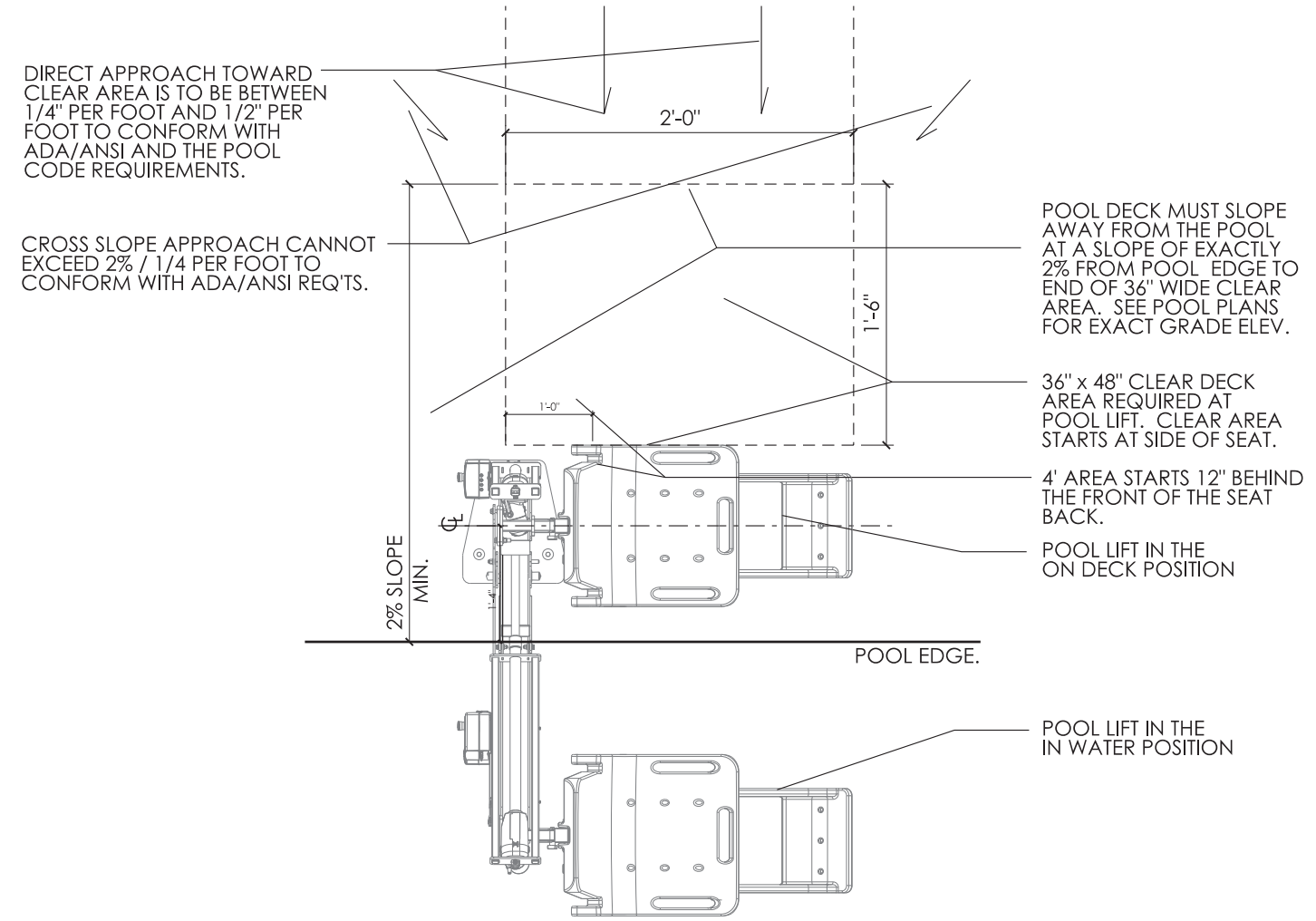
bai - ARCHITECTS
 978 Trinity Road - Raleigh, North Carolina 27607
 P: 919.859.7003 - F: 919.859.7121 - bai-architects.com
 THE USE OF THESE PLANS IS EXPRESSLY LIMITED TO THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REPRODUCTION, REUSE, OR PUBLICATION OF THESE PLANS WITHOUT THE WRITTEN PERMISSION OF BAI ARCHITECTS IS PROHIBITED. TITLE TO THE PLANS AND SPECIFICATIONS REMAINS WITH THE ARCHITECT WITHOUT PREJUDICE. THEY ARE TO BE RETURNED UPON REQUEST TO THE ARCHITECT. VISUAL CONTACT WITH THESE PLANS AND SPECIFICATIONS SHALL CONSTITUTE IMMEDIATE EVIDENCE OF THE VIOLATION OF THESE RESTRICTIONS.

WILLIAM G. SPENCER, JR.
 7473
 8-28-24

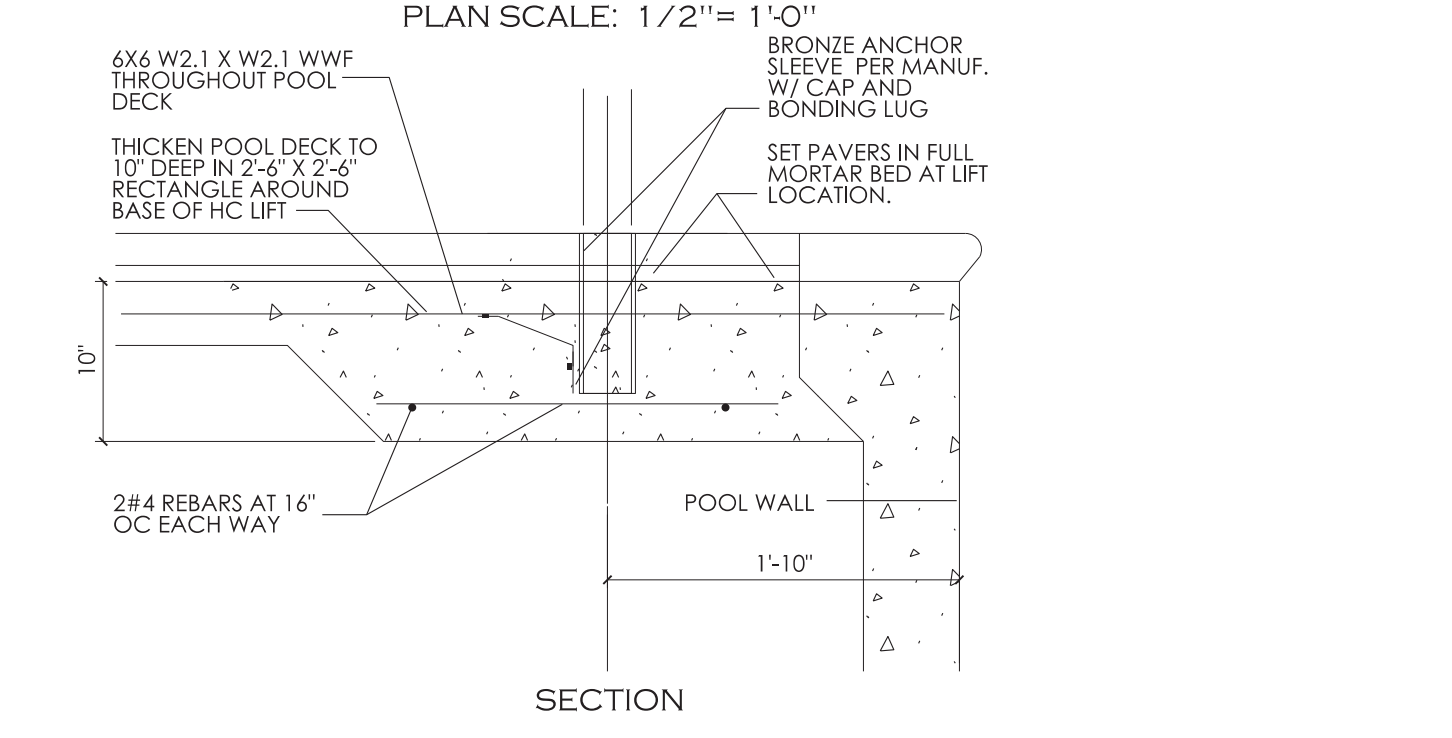
NO.	COMMENTS/REVISIONS	DATE
	PROJECT ENTERED INTO COMPUTER	08/01/24
	CD PROGRESS SET	08/20/24
	CD PERMIT SET	08/28/24

SWIMMING POOL
 FOR
 CAMDEN PLACE
 36 HANK WAY
 ANGLIER, NC 27501
 RELEASED FOR CONSTRUCTION © 08/28/24



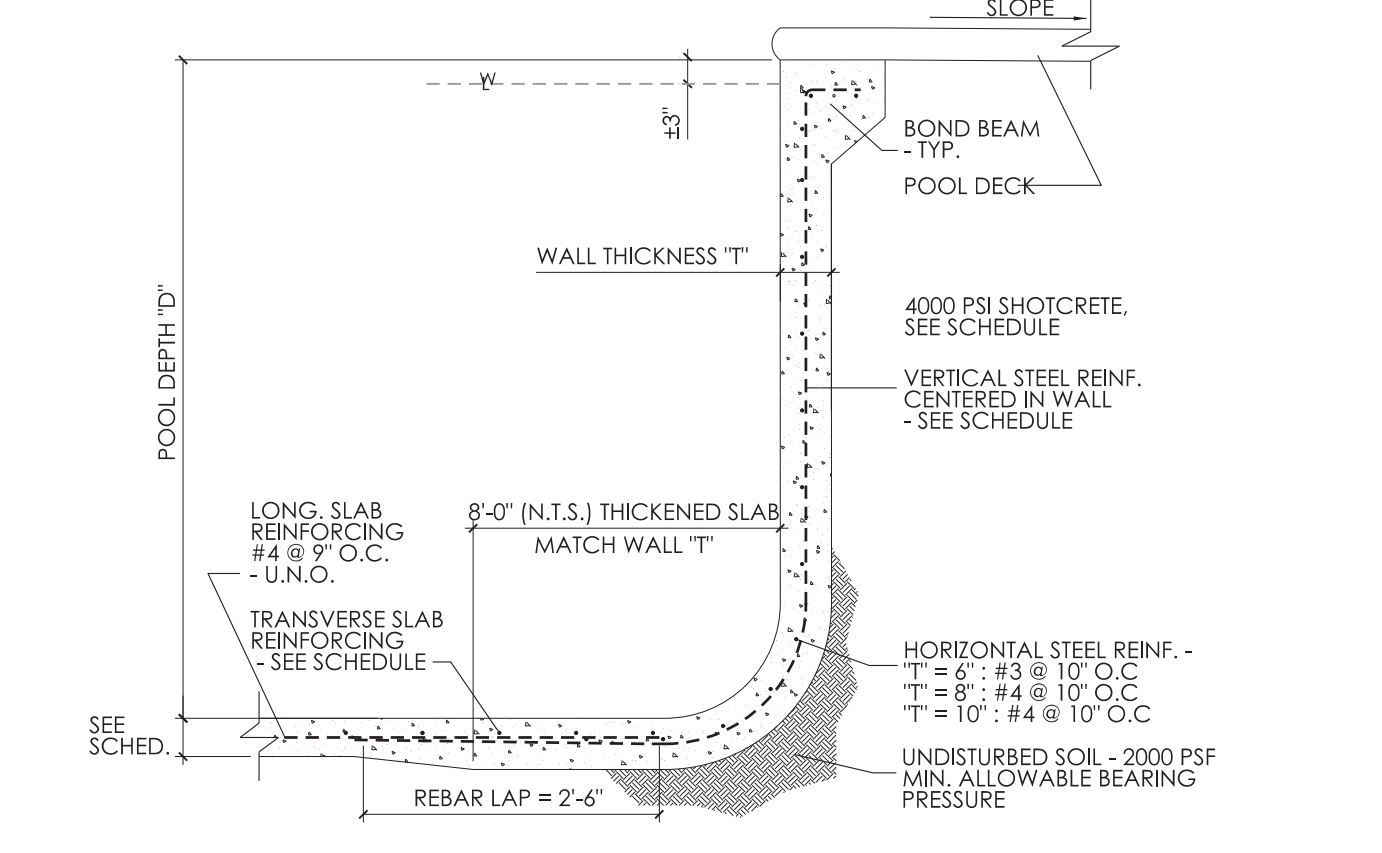


SP5 GATE AND FENCE DETAIL SCALE: 1/2" = 1'-0"

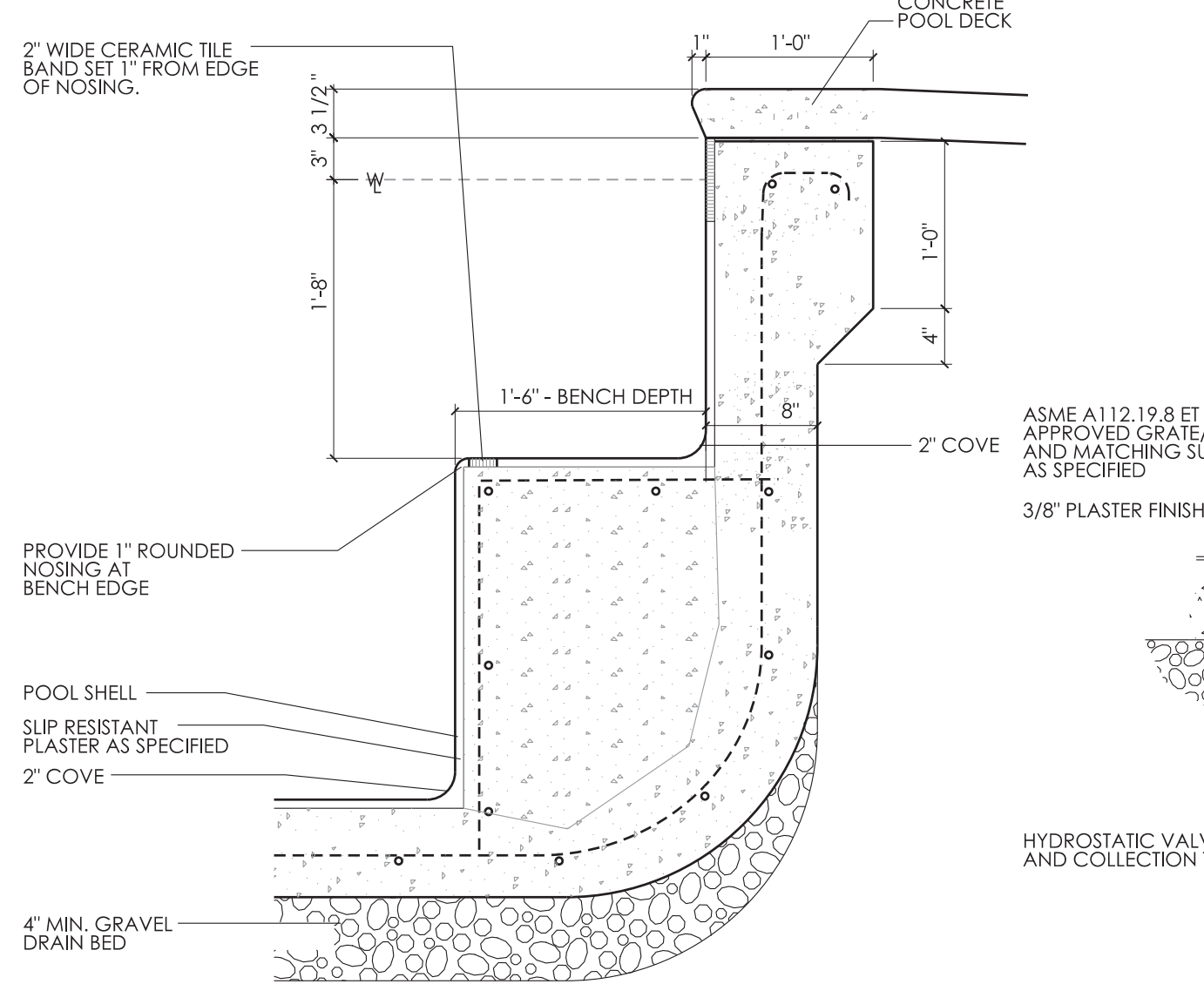


SP5 SWIM LIFT INST. DETAIL SCALE: 1" = 1'-0"

POOL REINFORCING SCHEDULE					
DEPTH (D')	≤ 4'-0"	≤ 6'-0"	≤ 7'-6"	≤ 9'-0"	≤ 10'-0"
THICKNESS (T)	8"	8"	10"	10"	10"
VERTICAL STEEL	#4 @ 9" O.C.	#4 @ 9" O.C.	#5 @ 9" O.C.	#6 @ 9" O.C.	#7 @ 9" O.C.
SLAB	#4 @ 9" O.C.	#4 @ 9" O.C.	#4 @ 9" O.C.	#4 @ 9" O.C.	#4 @ 9" O.C.



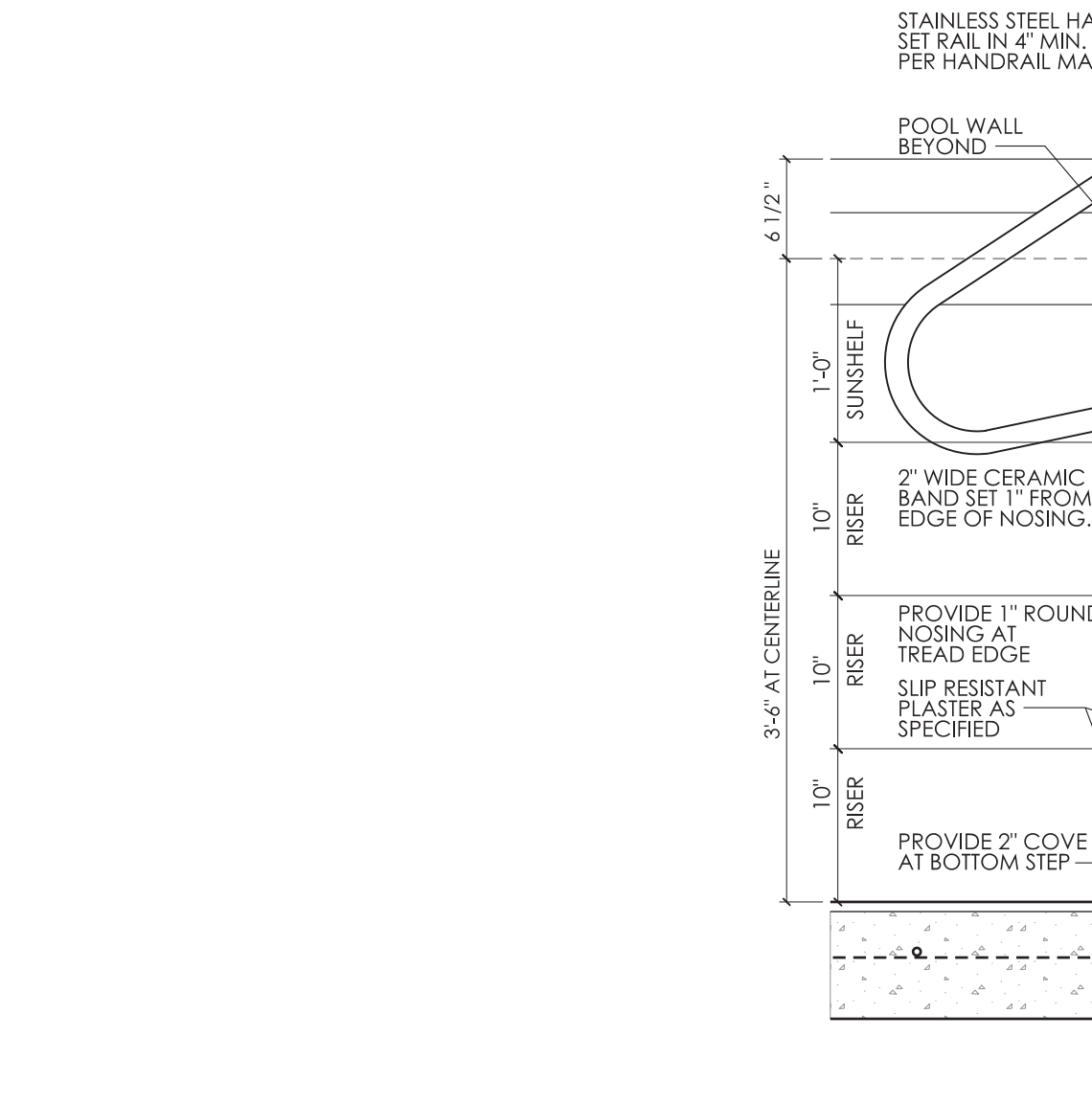
SP5 STRUCTURAL POOL SECTION .11 TYPICAL SCALE: 1/2" = 1'-0"



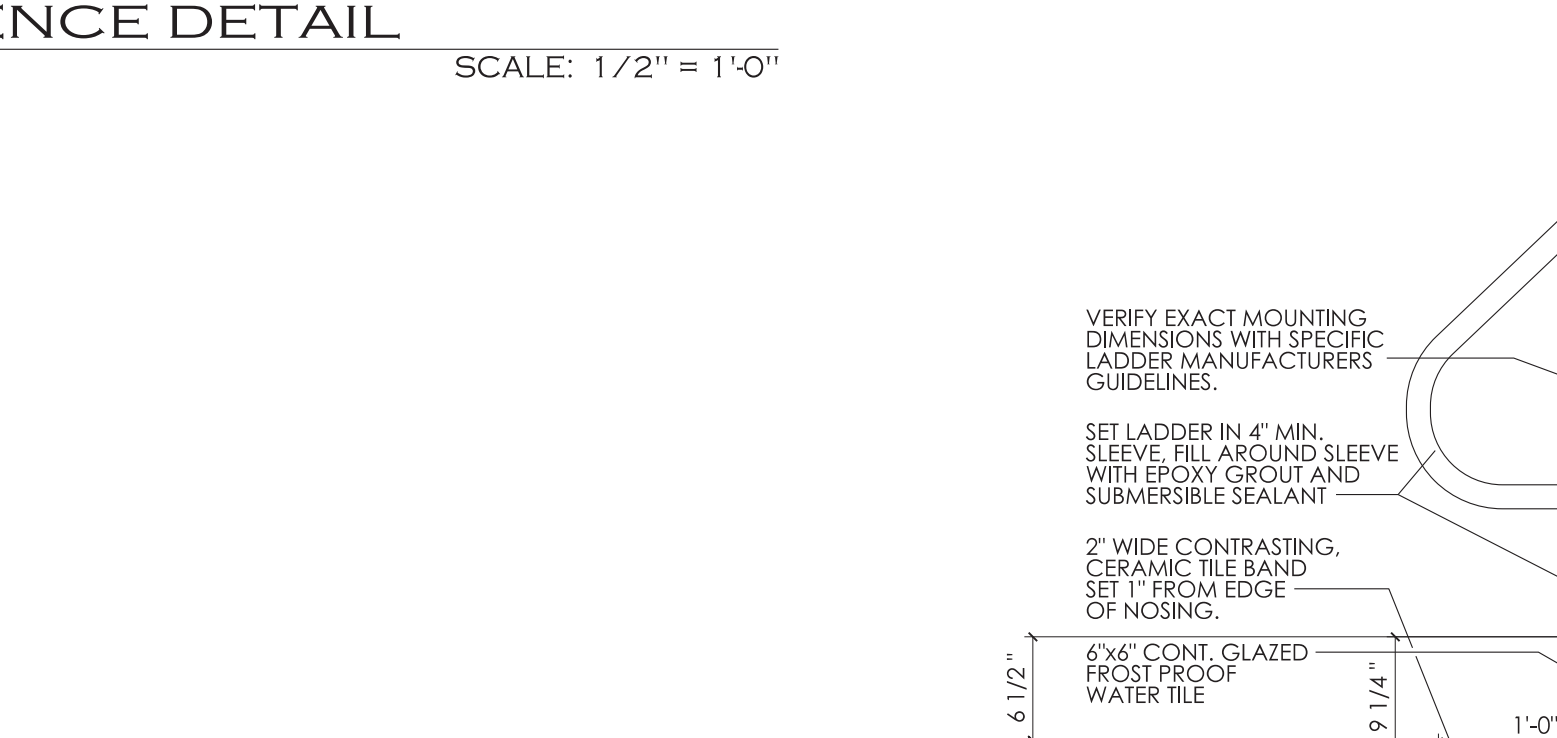
SP5 BENCH SECTION .5 SCALE: 1" = 1'-0"



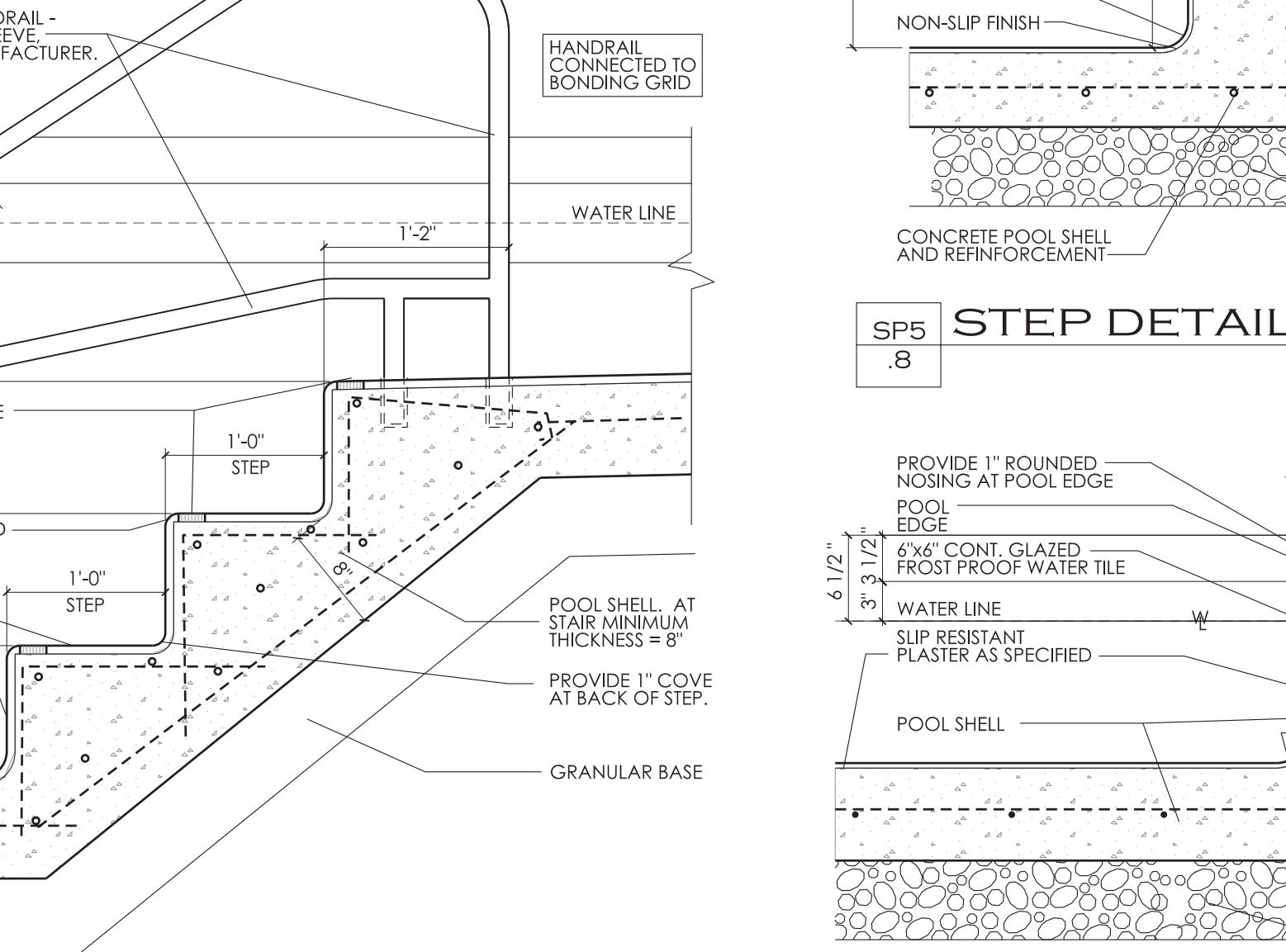
SP5 MAIN DRAIN DETAIL .4 SCALE: 1" = 1'-0"



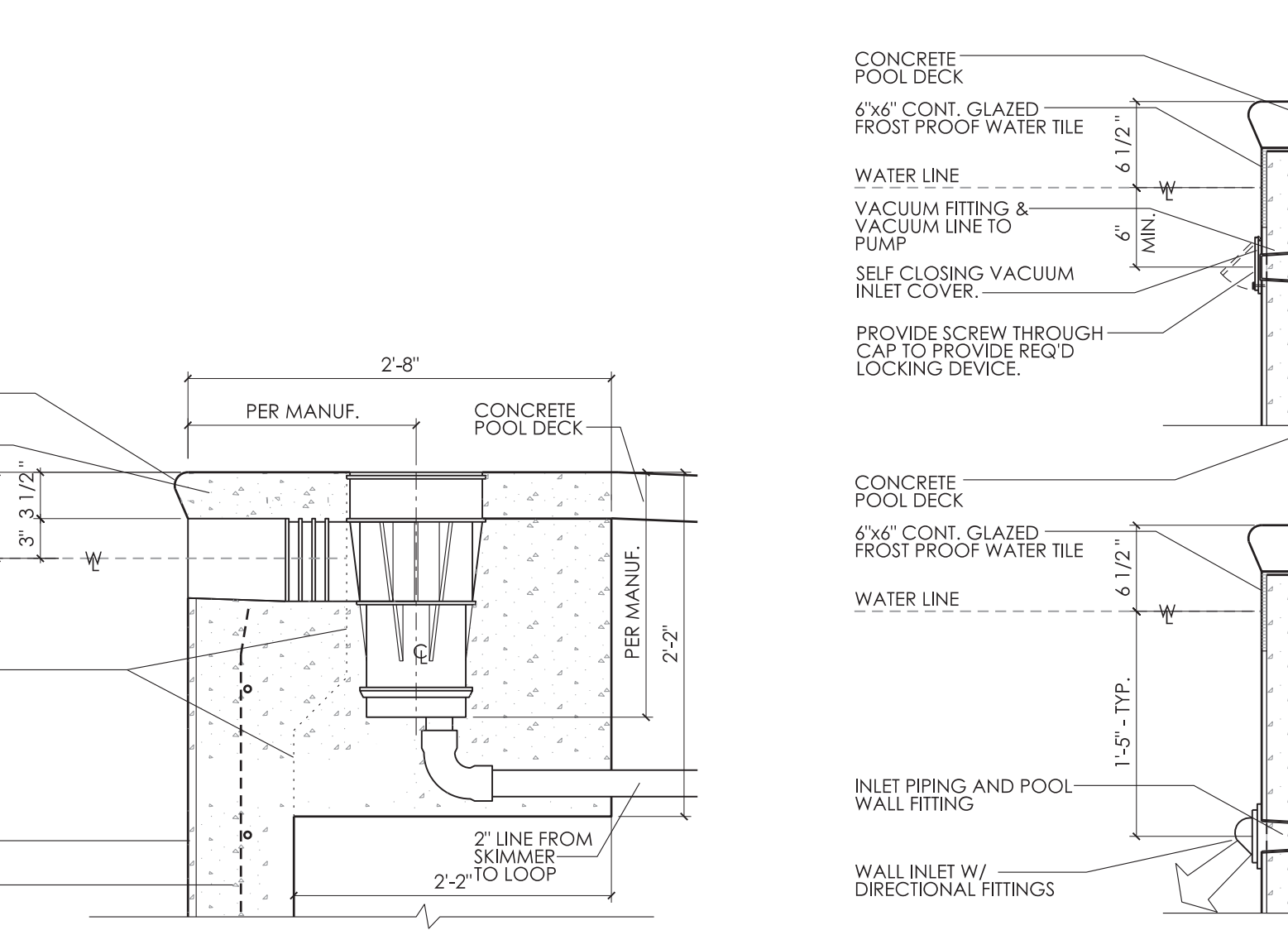
SP5 SKIMMER DETAIL .3 SCALE: 1" = 1'-0"



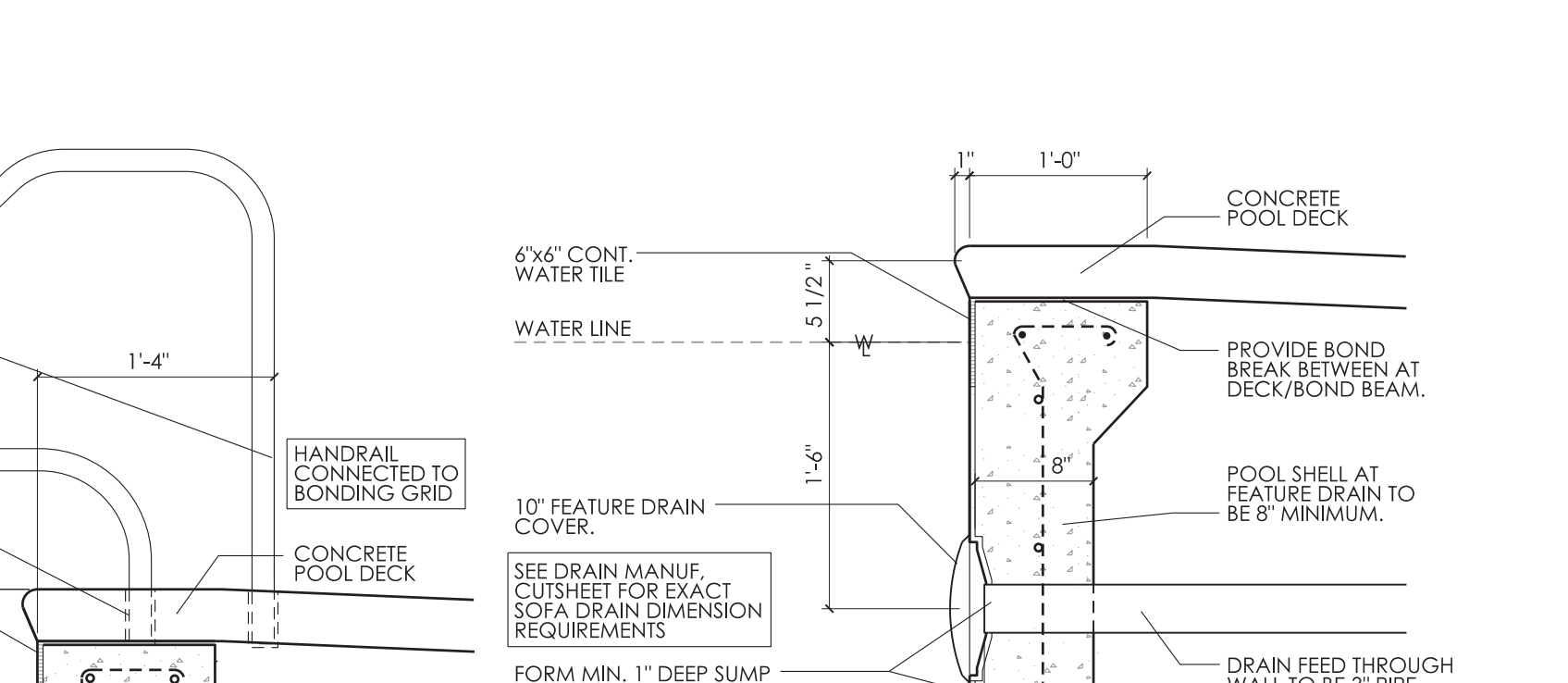
SP5 STEP DETAIL .8 SCALE: 1" = 1'-0"



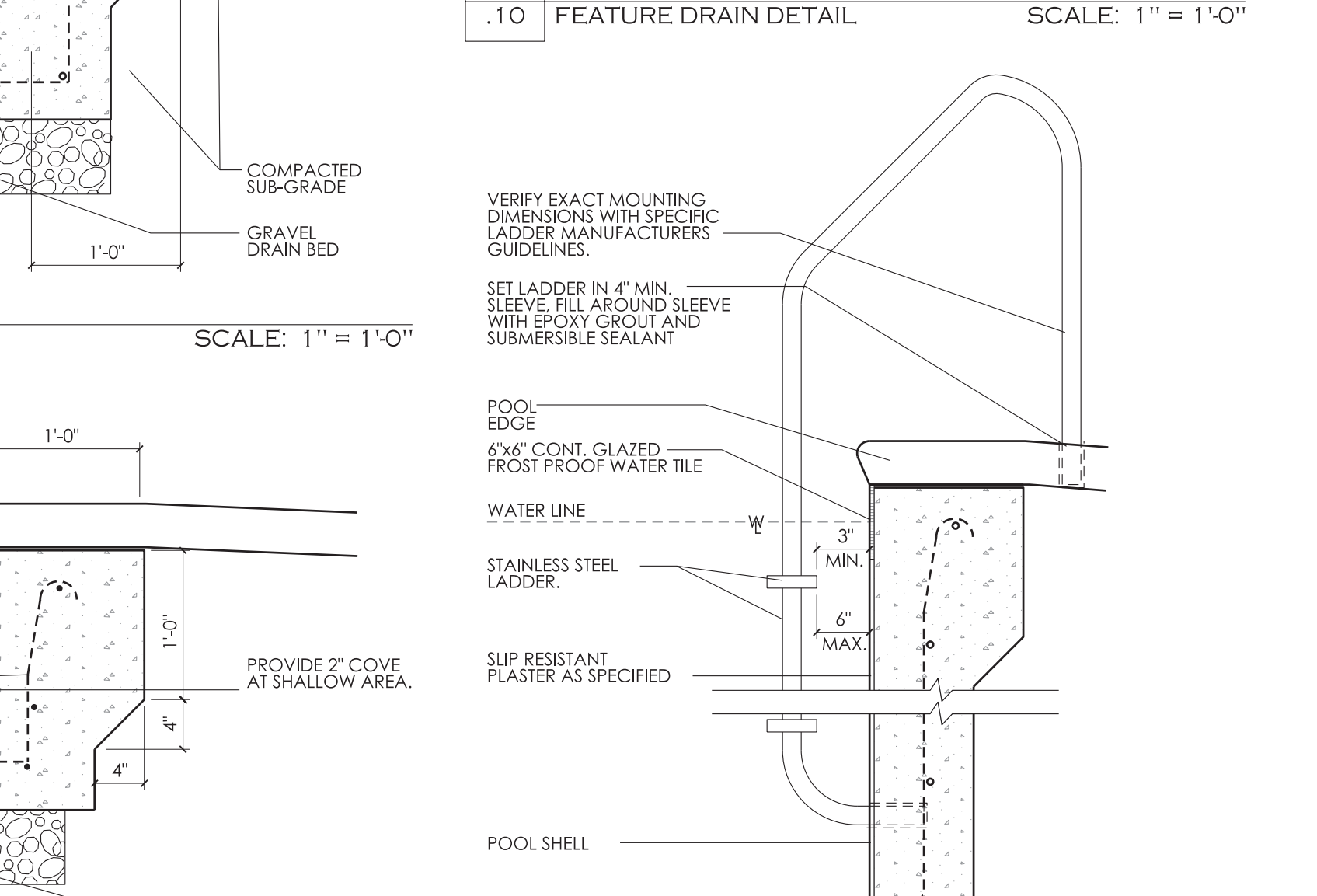
SP5 WALL SECTION .7 SHALLOW WATER SCALE: 1" = 1'-0"



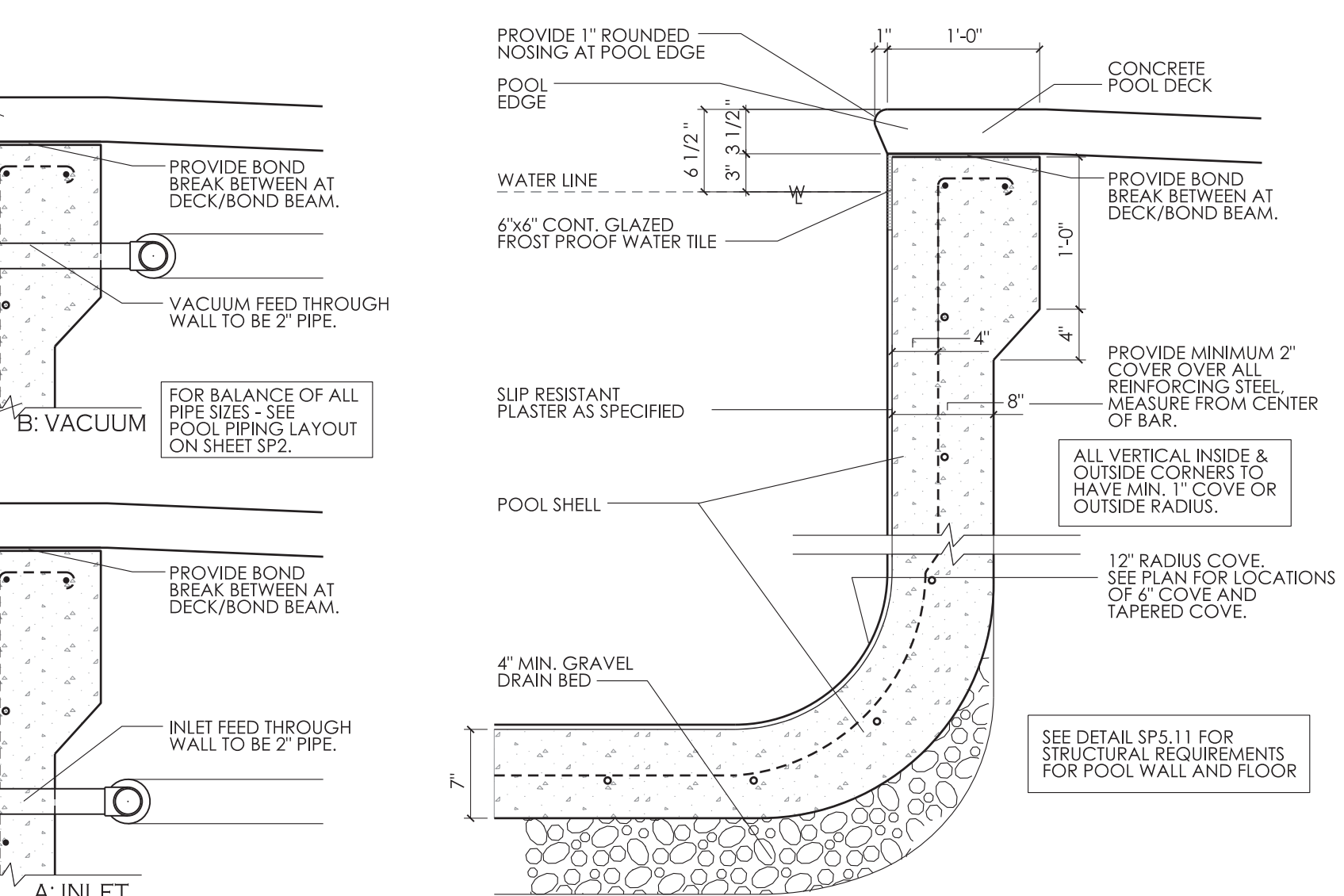
SP5 PIPING DETAILS .2 SCALE: 1" = 1'-0"



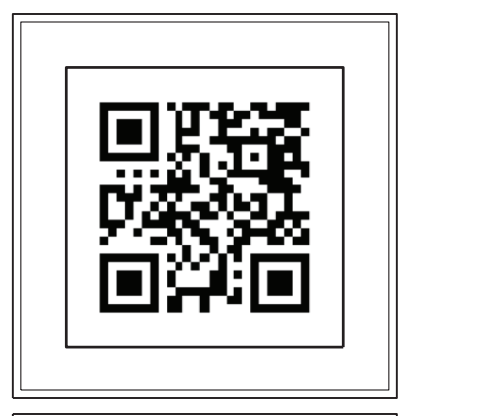
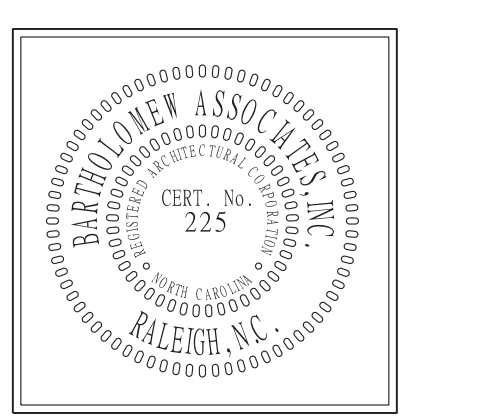
SP5 WALL SECTION .10 FEATURE DRAIN DETAIL SCALE: 1" = 1'-0"



SP5 LADDER DETAIL .6 SCALE: 1" = 1'-0"



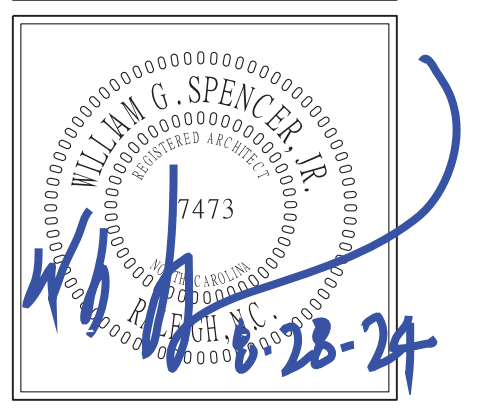
SP5 POOL WALL SECTION .1 TYPICAL SCALE: 1" = 1'-0"



bai - ARCHITECTS

978 Trinity Road - Raleigh, North Carolina 27607
 P: 919.859.7003 - F: 919.859.7121 - bai-architects.com

THE USE OF THESE PLANS IS LIMITED TO THE PROJECT AND SITE SPECIFICALLY IDENTIFIED AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. BEFORE REPRODUCTION, OR PUBLICATION BY ANY METHOD, IN WHOLE OR IN PART IS PROHIBITED. TITLE TO THE PLANS AND SPECIFICATIONS REMAINS WITH THE ARCHITECT WITHOUT PREJUDICE. THEY ARE TO BE RETURNED UPON REQUEST TO THE ARCHITECT. VISUAL CONTACT WITH THESE PLANS AND SPECIFICATIONS SHALL CONSTITUTE A FIRM AWARE ENDORSEMENT OF THESE RESTRICTIONS.



NO.	COMMENTS/REVISIONS
08/01/24	PROJECT ENTERED INTO COMPUTER
08/20/24	CD PROGRESS SET
08/28/24	CD PERMIT SET

SWIMMING POOL FOR CAMDEN PLACE

36 HANK WAY
 ANGLIER, NC 27501

RELEASED FOR CONSTRUCTION ©_08/28/24



HAYWARD TriStar VS 950 Variable-Speed Pump

SIMPLE INSTALLATION WITH QUIETER-THAN-EVER PERFORMANCE

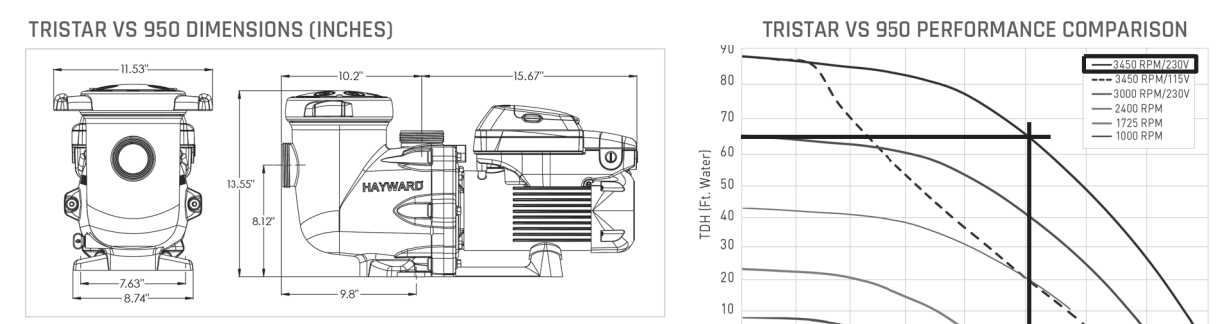
M1

- No-rinse strainer basket with see-through cover** ensures easy debris removal
- Upgraded motor drive** delivers 30% quieter high-speed operation than other models
- Advanced hydraulic design** provides ample power to replace most high-performance pumps up to 3 HP
- Wall-mountable touchpad control** can be rotated in four directions
- Side and rear conduit entry** accommodate both high and low voltage connections for simple installation
- Permanent magnet, totally enclosed fan-cooled motor** offers more efficient operation and long-lasting reliability



EXPERT LINE ONLY FROM POOL PRO

MODEL NUMBER	TOTAL HP	VOLTAGE	WEIGHTED ENERGY FACTOR (WEF)*	UNION CONNECTIONS	WARRANTY
SP295VSP	2.7	115V/200V	10.1/3.0	2" x 2.5"	4 years**



TriStar VS 950 pumps are listed by NSF. *When used by a Totally Hayward® partner. Exclusions, other terms and conditions may apply - visit hayward.com for details.

hayward.com • 1-888-HAYWARD Pumps • Filters • Heating • Cleaners • Sanitization • Automation • Lighting • Water Features • White Goods

HAYWARD COMMERCIAL AQUATICS HCF Series SAND FILTERS

M2



HIGH-PERFORMANCE FILTRATION ENGINEERED TO STAND THE TEST OF TIME. HCF Series sand filters set a new standard for performance and longevity in the recreational aquatic market. Designed to efficiently lengthen filter cycles, they are also simple to install and maintain, giving you years of effective, worry-free filtration performance.

- OPTIMIZED FILTER DESIGN** Multi-diffuser distribution heads and oversized laterals help HCF sand filters distribute water more evenly, lengthening filter cycle time and improving overall filtration effectiveness. An industrial valve and pressure gauge configuration offer increased durability and accuracy.
- POWERFUL CORROSION RESISTANCE** Proprietary corrosion-proof resins, fiberglass and a UV-protected gel coat protect HCF sand filters against the elements and prevent blooming. The commercial-grade PVC and ABS injection-molded 360° slotted laterals are also resistant against corrosion.
- HASSLE-FREE SERVICE AND INSTALLATION** The 34" HCF sand filter fits through standard 34" doorways with no need to remove the door frame. The transparent manway design simplifies operation and improves durability.

FILTER MODEL NUMBER	DIMENSIONS (INCHES)					INSTALLATION CLEARANCE (INCHES)
	A	B	C	D	E	
HCF230	16.5	24	31.49	43.48	2	5.0
HCF234	18.75	26.25	33.85	43.48	2	4.0
HCF236	18.75	26.25	37.4	43.48	2	7.2

PART NUMBER	SIZE OF Fiberglass Sand Filter	Filtration Area/ft ²	Filtration Rate GPM/ft ²	Filtration Flow Rate at 15 GPM/ft ² (GPM)	Filtration Flow Rate at 20 GPM/ft ² (GPM)	Backwash Flow Rate (GPM)	Maximum Working Pressure (PSI)	Installation Top Clearance	Installation Side Clearance	Inlet/Outlet Connections	Carton Dimensions L x W x H (in.)	Carton Weight (lbs.)
HCF230	30"	5.0	5-20	75	100	25-100	50	24"	4"	2"	38 x 38 x 44	88.0
HCF234	30"	4.0	5-20	60	80	30-120	50	24"	4"	2"	38 x 38 x 44	100.0
HCF236	30"	7.2	5-20	108	143	36-143	50	24"	4"	2"	38 x 38 x 44	120.0

haywardcommercialpool.com • 1-800-457-2287

COMMERCIAL FILTERS HYDRAULIC PERFORMANCE AND RECIRCULATION SYSTEMS

Commercial Filter Accessories

2" Multiport Valve Kit

Hayward's 2" Multiport Valve Kit is factory plumbed for use with Hayward HCF302T, HCF342T and HCF362T (up to 125 GPM) commercial sand filters, complete with 2" union connections. The six-position valve facilitates selection of filter, backwash, waste, rinse, closed or recirculate modes at the turn of a single lever. The integrated sight glass allows the operator to visually monitor the backwash stream.

- Factory plumbed to fit Hayward HCF302T, HCF342T and HCF362T (up to 125 GPM) commercial sand filters
- Simplifies filter installation and operation
- Six mode selectors at the turn of a single lever
- 2" union connectors included
- Accommodates flow rates to 125 GPM



3" Multiport Valve Kit

Rated for a maximum flow of 325 GPM, the Hayward 3" Multiport Valve is the perfect complement to the Hayward HCF343T and HCF363T commercial sand filters. For optimum flexibility in the commercial setting, the valve features 3" NPT ports for in-line configuration and plumbing. The six-position valve facilitates selection of filter, backwash, waste, rinse, closed or recirculate modes at the turn of a single lever.

- Valve body features both side-mount and bottom-mount ports for filter connections
- Durable ABS construction
- Accommodates flow rates to 325 GPM
- Six mode selectors at the turn of a single lever
- Plumbing kit available



Part Number	Size	Description	Carton Quantity	Carton Weight (lbs.)
HCV275	2"	2" Commercial Multiport Valve Kit	1	10.8
HCV375	3"	3" Commercial Multiport Valve	1	22.0
HCV375KIT	3"	3" Commercial Multiport Valve Plumbing Kit	1	12.0

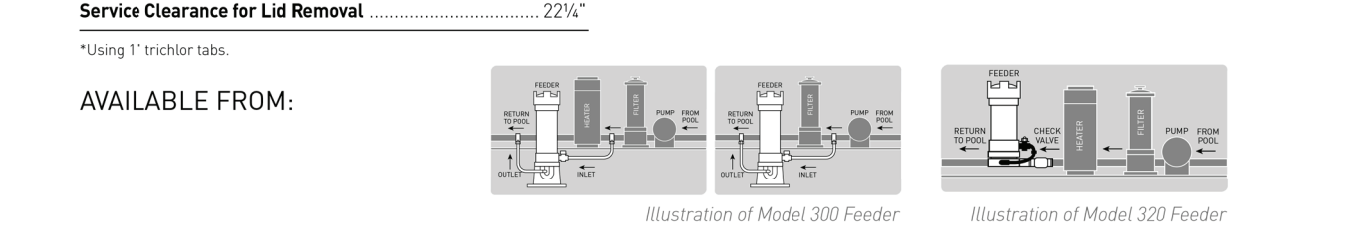
FlowVis® was the first - and is now the most - NSF 50 certified flow meter in the world. Because when accuracy matters, you should put your trust in the experts.

Feature	FV-5	FV-5-U	FV-2	FV-2-U	FV-2S	FV-3	FV-3-40	FV-4	FV-6	FV-8
NSF 50 Certified	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pipe Size	1.5"	1.5"	2"	2"	2.5"	3"	3"	4"	6"	8"
Operating Range (GPM)	10-80	10-90	10-110	10-110	10-110	70-240	70-240	150-460	300-1000	600-1800
Average Accuracy	98.7%	98.7%	99.0%	99.0%	99.2%	98.9%	99.2%	99.6%	98.7%	N/A*
NSF 50 Level	L1	L1	L1	L1	L1	L1	L1	L1	L1	L1

RAINBOW MODEL 300/320 AUTOMATIC CHLORINE/BROMINE FEEDERS

Check valve protects pump and heater from back-up of highly chlorinated water. Flow indicator allows a quick visual read of water flow.

MODEL 300 FEEDER	Quantity	Weight (lbs.)
Chamber Capacity—1" Tablet	99	3.5 lbs.
Chamber Capacity—3" Tablet	11	4.8 lbs.
Maximum Erosion in 24 Hours	0.67 lbs.	1.75 lbs.
Treats Pool/Spa Size in Gallons per 24 Hours*		
@ 10 ppm	6,700	17,500
@ 5 ppm	13,400	35,000
@ 2.5 ppm	26,800	70,000
Dimensions	17 3/4" x 5" x 10"	17 3/4" x 5" x 10"
Service Clearance for Lid Removal	19"	19"



AVAILABLE FROM: PENTAIR

1420 HAWKINS AVE. SAUTEUR, NC 27230 800.831.3133 WWW.PENTAIRPOOL.COM

9" SQUARE WAVE ANTI-ENTRAPMENT SUCTION OUTLET COVER, VENTED RISER RING AND MUD FRAME

NSF Certified to NSF/ANSI/CAN 50 (ANSI/APSP/ICC-16:2017) Open Area 48.4 in²

FEATURES

- Certified, Listed, and Labeled in conformance with NSF/ANSI/CAN 50 and NSF/ANSI/CAN 50 standards
- Early and safety retrofit to 9" square w/ deep frames
- Manufactured from superior UV-resistant engineered polymers
- 316 stainless steel screws
- Trademarked VGBA compliance button easily identifies VGBA 2017 compliant cover from on deck and underwater
- Online product support including downloadable CAD files, General Certificate of Conformity, third-party certificate, installation instructions and more
- Replace drain cover every five years from the date of installation
- See next page for additional product configurations
- 8 per case

U.S. Patent Nos. D623727 and D633388

Part # WAW9Rxxx

Designed to replace standard 9" square covers that have a 6" center-to-center screw hole measurement with 1" deep existing frames.

STANDARD COLORS

- WAW9R101 - White
- WAW9R102 - Black
- WAW9R103 - Light Gray
- WAW9R105 - Dark Gray
- WAW9R108 - Tan

1. 9" Square Mud Frame
2. 9" Square Riser Ring
3. 9" Square "Wave" Suction Outlet Cover
4. 10 x 1-3/4" Flat Head Phillips, 316 SS, Qty 4

P 877-768-2717 F 877-276-POOL Outside the US: P +1-949-336-1940 F +1-949-336-1940 info@aquastarpoolproducts.com www.aquastarpoolproducts.com

3" Socket x 4" Spigot Side Port PVC Sump

NSF Certified to NSF/ANSI/CAN 50 (ANSI/APSP/ICC-16:2017) Open Area 48.4 in²

NEW Hassle-free pressure testing and winterizing

Part # WAW9W558
1 per case

1. Side Port Sump Bucket, 9" Square Frame
2. Plug O-Ring
3. Plug Plug
4. Plug O-Ring
5. Plug Plug
6. 9" Square Riser Ring
7. 9" Square "Wave" Suction Outlet Cover
8. 10 x 1-3/4" Flat Head Phillips, 316 SS, Qty 4

AQUASTAR VGBA-2017 PRODUCT SPECIFICATIONS Suction Outlet Fitting Assembly (SOFA)

DIRECTIONS: Please follow the SOFA specific flow rates, sump specifications, and flow path zone information below. The installation must conform to these minimum/maximum requirements including the SOFA dimension defined in Figure 1. The flow path zone is defined by dimensions A through E. The installed sump may be manufactured or field-built and it may be larger/smaller than Figure 1. Please write the Cover Model Number, orientation, and SOFA Model Flow Rating on the VGBA DRAIN COVER IDENTIFICATION INFORMATION label that comes with each AquaStar Pool Products, Inc. drain cover.

COVER MODEL NUMBER: WAW9Rxxx

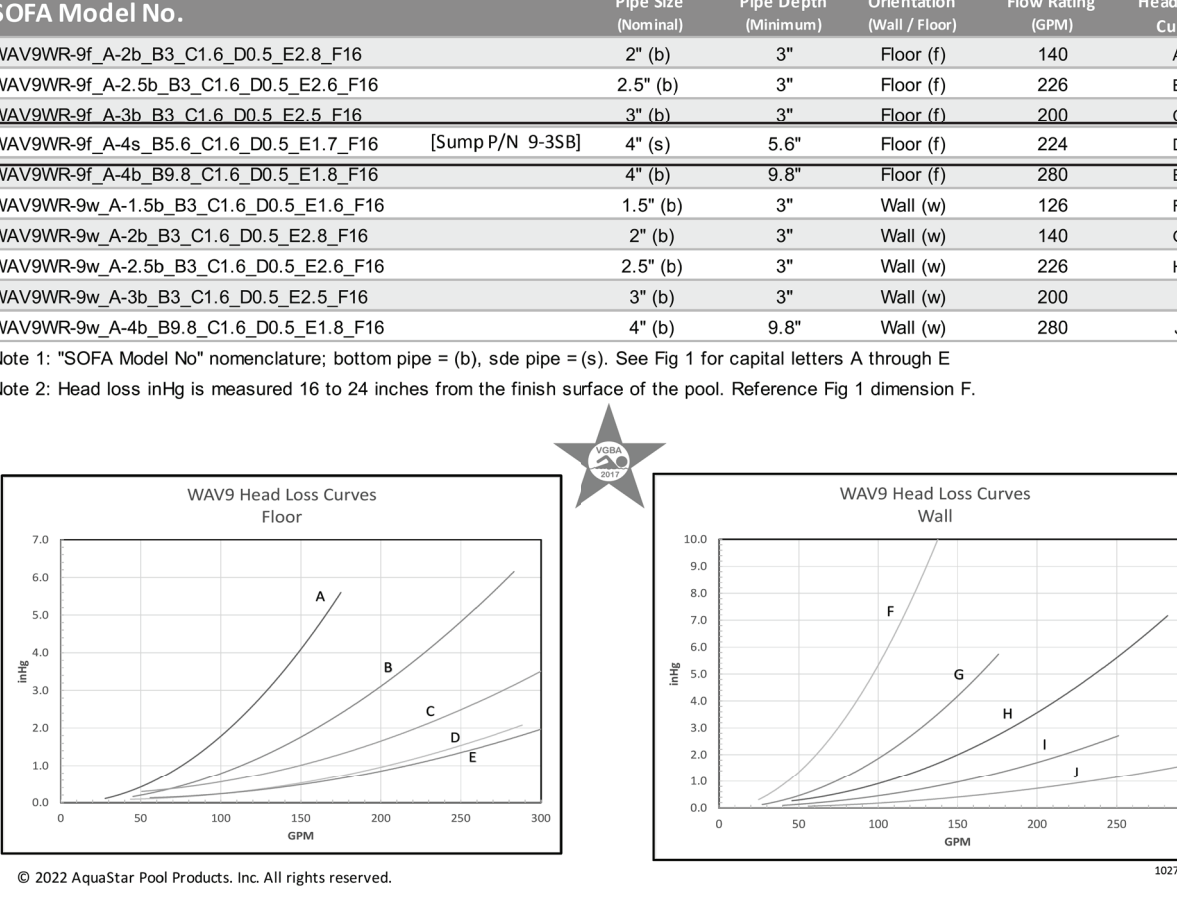
FIGURE 1 - SOFA MODEL FLOW PATH

FOR MOST CURRENT ORIENTATION SCAN THE QR CODE ON THE WWW.AQUASTARPOOLPRODUCTS.COM/LEDGEDECK PHOTOGRAPHICALLY TO OBTAIN THE CORRECT COVER MODEL NUMBER AND FLOW PATH INFORMATION.

SOFA Model No.

SOFA Model No.	Pipe Size (Nominal)	Pipe Depth (Minimum)	Orientation (Wall / Floor)	Flow Rating (GPM)	Head Loss Curve
WAW9WR9F-A-2b, B3, C1, 6, D0, 5, E2, 8, F16	2" (b)	3"	Floor (f)	140	A
WAW9WR9F-A-2, 2b, B3, C1, 6, D0, 5, E2, 8, F16	2.5" (b)	3"	Floor (f)	226	B
WAW9WR9F-A-3b, B3, C1, 6, D0, 5, E2, 8, F16	3" (b)	3"	Floor (f)	200	C
WAW9WR9F-A-4, B5, 6, C1, 6, D0, 5, E1, 7, F16 (Sump P/N 9-35R)	4" (s)	5.6"	Floor (f)	224	D
WAW9WR9F-A-4b, B5, 6, C1, 6, D0, 5, E1, 8, F16	4" (b)	9.8"	Floor (f)	280	E
WAW9WR9W-A-1.5b, B3, C1, 6, D0, 5, E1, 8, F16	1.5" (b)	3"	Wall (w)	126	F
WAW9WR9W-A-2b, B3, C1, 6, D0, 5, E2, 8, F16	2" (b)	3"	Wall (w)	140	G
WAW9WR9W-A-2.5b, B3, C1, 6, D0, 5, E2, 8, F16	2.5" (b)	3"	Wall (w)	226	H
WAW9WR9W-A-3b, B3, C1, 6, D0, 5, E2, 8, F16	3" (b)	3"	Wall (w)	200	I
WAW9WR9W-A-4b, B9, 8, C1, 6, D0, 5, E1, 8, F16	4" (b)	9.8"	Wall (w)	280	J

Note 1: "SOFA Model No." nomenclature; bottom pipe = (b), side pipe = (s). See Fig 1 for capital letters A through E
Note 2: Head loss in/in is measured 16 to 24 inches from the finish surface of the pool. Reference Fig 1 dimension F.



M6

FLOW STAR® SKIMMER WITH WATER STOP FACE, FLOAT ASSEMBLY, BASKET, LID AND ADJUSTABLE COLLAR

M7

NSF Certified to NSF/ANSI/CAN 50 (ANSI/APSP/ICC-16:2017) Open Area 48.4 in²

FEATURES

- Adjustable collar
- New water stop face secures the slips in the new collar
- Self-contained gasket girth, water rings on the bottom to prevent water leaks
- Large self-contained basket with lock-in feature (will not float)
- Underwater dampers on the basket for noise reduction on wet plate - especially on windy days
- Strong strong engineered polymer upper housing
- Extra heavy PVC wear strip (no transitional glue required)
- 2" outside slip and 2" inside slip (standard slimmer)
- 2" threads for pressure testing (inside slimmer)
- Ball-on-overflow or fill line knock out
- Upper housing has eye color rubber coating with pre-drilled holes for tie use

Part # SKR10xx

For vinyl and fiberglass options, see pages 138-143

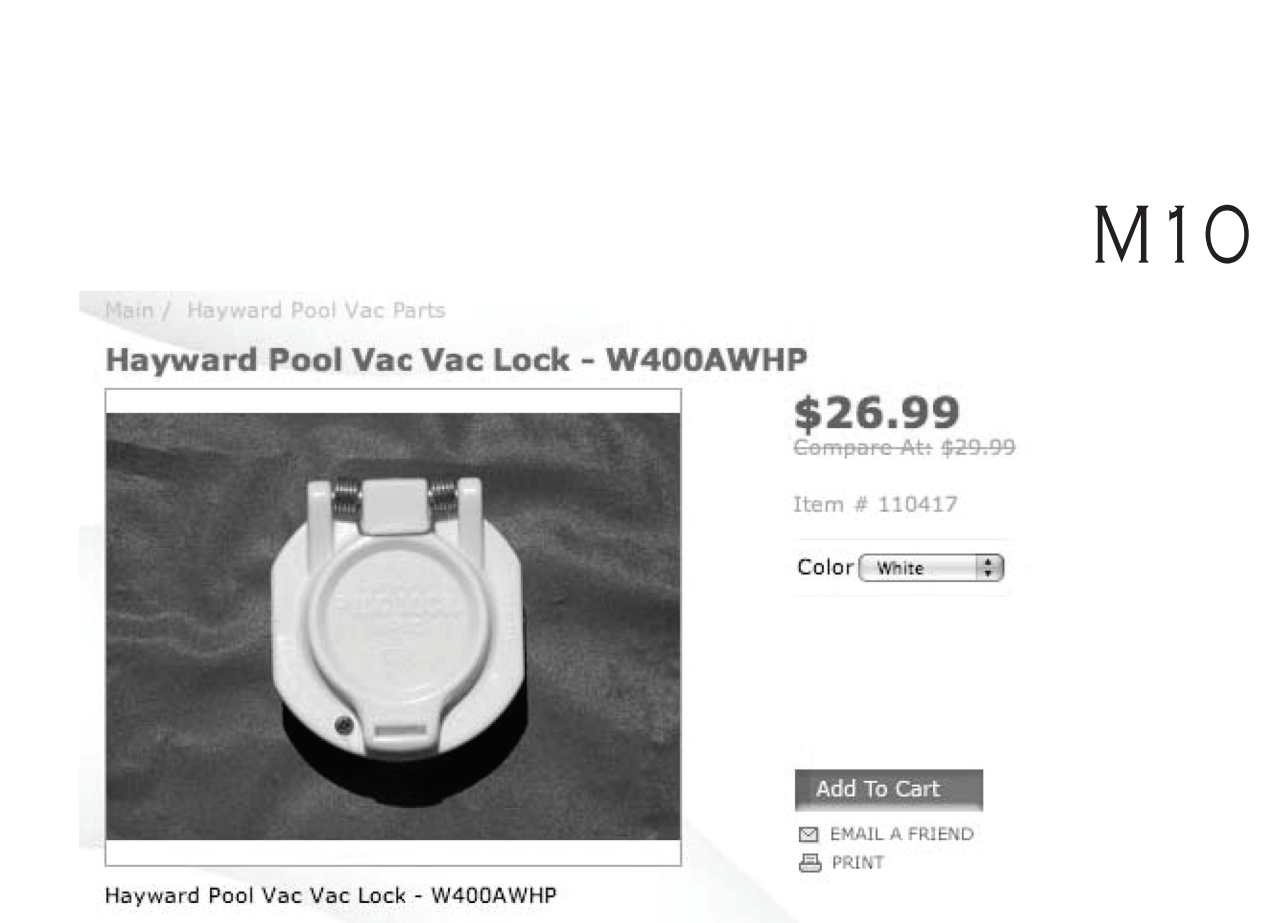
STANDARD COLORS

- SKR101 - White
- SKR102 - Black
- SKR103 - Light Gray
- SKR104 - Blue
- SKR105 - Dark Gray
- SKR108 - Tan

1. Skimmer Body
2. 2" Port Plug
3. Float Assembly
4. Basket
5. Basket Rod

6. Collar
7. Lid
8. Weir Assembly
9. Weir Clip, Qty 2

Item # 110417 Color [White]

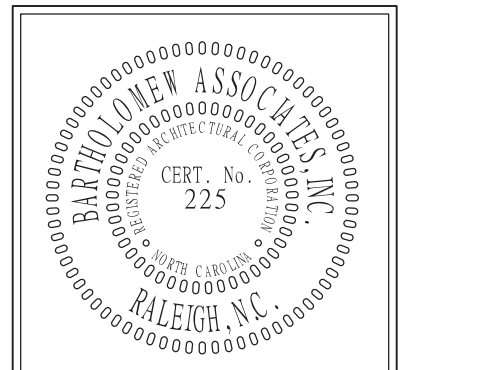


Hayward Pool Vac Vac Lock - W400AWHP \$26.99

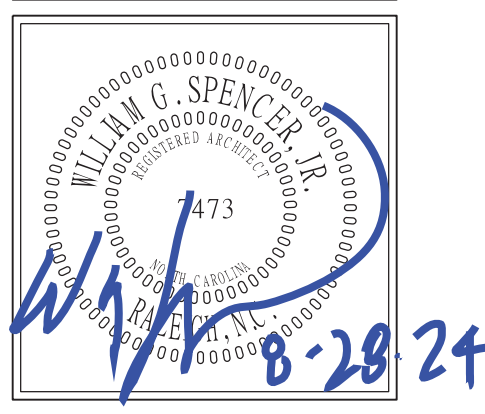
ADD TO CART

MAIN POOL EQUIPMENT SCHEDULE

ITEM	DESCRIPTION	PRODUCT
M1	2.7 HP SELF-PRIMING PUMP W/ MATCHING STRAINER, 126 GPM @ 34.50' RPM @ 65' F. OF HEAD - PROVIDE A SPARE BASKET FOR STRAINER.	HAYWARD TRISTAR VS 950
M2	30" DIA., HIGH RATE SAND FILTER WITH 5.0 S.F. MEDIA	HAYWARD -HCF230
M3	MULTI-PORT VALVE	HAYWARD -HCV275
M4	FLOW RATE INDICATOR	FLOWVIS
M5	EROSION CHLORINATOR	PENTAIR RAINBOW 320
M6	MAIN DRAIN, 3"X9" SUMP AND COVER/GRATE AND 2" HYDROSTATIC RELIEF VALVE - HAYWARD SP1056/1055	AQUASTAR WAW9WR W/ WAW9WR101S38
M7	IN-GROUND SKIMMER	AQUASTAR SKR-101
M8	IN-WALL INLET W/ DIRECTIONAL FITTINGS	HAYWARD SP1424S
M9	RESERVED	
M10	IN-WALL VACUUM FITTING, W/ PLUG	HAYWARD W400AWHP
M11	HANDICAP LIFT W/ OPTIONAL SLEEVE ANCHOR SYSTEM.	SR SMITH MULTI-LIFT 575-0000
M12	POOL LADDER, 3 RUNG	SR SMITH LF24-38-MG
M13	POOL HANDRAIL, 30" LONG, PROVIDE S.S. MOUNTING SLEEVES	SR SMITH - FRS4
M14	POOL HANDRAIL, 4'-4" LONG, PROVIDE S.S. MOUNTING SLEEVES	SR SMITH - DMS-102-MG
M15	LED LIGHT, 150 WATT EQUIVALENT	HAYWARD UNIV. COLOR-LOC LED
M16	1.65 THP FOUNTAIN PUMP W/ MATCHING STRAINER, 15 GPM @ 65' FT. OF HEAD AT 3450 RPM - PROVIDE A SPARE BASKET FOR STRAINER	HAYWARD -SUPERPUMP VS-700
M17	BUBBLER SIDEWALL DRAINS	AQUASTAR -A10RCF6-101
M18	POOL BUBBLER W/ 23 WATT LED LIGHT, 100 WATT EQUIVALENT	HAYWARD COLOR-LOC 320
M19	AUTOMATIC WATER LEVEL CONTROLLER	POOL MISER PM-101
M20	POOL CONTROL PANEL	HAYWARD QMANT
M21	SALT CHLORINATION SYSTEM, SECONDARY SYSTEM, WITH INTELLICHLOR POWER CENTER	PENTAIR INTELLICHLOR -IC-60
M22	POOL CONTRACTOR SHALL VERIFY THAT POOL EQUIPMENT AND CUT SHEETS MATCH BEFORE ORDERING ANY ITEMS OF EQUIPMENT.	



bai - ARCHITECTS
978 Trinity Road - Raleigh, North Carolina 27607
P: 919.859.7003 - F: 919.859.7121 - bai-architects.com



NO.	COMMENTS/REVISIONS	PROJECT ENTERED INTO COMPUTER	CD PROGRESS SET	CD PERMIT SET
08/01/24		08/20/24	08/28/24	

SWIMMING POOL FOR CAMDEN PLACE 36 HANK WAY ANGIER, NC 27501

RELEASED FOR CONSTRUCTION © 08/28/24

SP6

Fittings & Accessories

M8

Model Number	Pipe Size	Description	Qty.	Wt.
Fitings & Accessories Buying Guide				
Inlet/Outlet Fittings - Vinyl/Fiberglass Pools, Spas, Hot Tubs				
SP1023*	1 1/2" RP	Fitting with locknut and gaskets	50	17 lbs.
SP1023S*	1 1/2" SKT	Fitting with locknut and gaskets	50	17 lbs.
SP1023G	1 1/2" RP	Same as SP1023, but with "sandwich" wall gasket - ABS pools	50	19 lbs.
SP1411	1 1/2" x 1 1/2" FP	Fitting and face plate, with gaskets and screws	50	27 lbs.
SP1408*	1 1/2" x 1 1/2" FP	Same as SP1411, but with combo locknut/spacer and with face thread in body	50	32 lbs.
SPX1408BLK	—	Face Plate - Black for SP1408	25	3 lbs.
SP1026*	1 1/2" MP	Grate Insert - for pool wall outlets	50	4 lbs.
Wall/Floor Inlet Fittings - Concrete Pools				
SP1424	1 1/2" FP x 2" MP	Adjustable Inlet	50	26 lbs.
SP1425	1 1/2" SKT x 2" MP	Adjustable Inlet	50	26 lbs.
SP1425S	1 1/2" FP x 2" MP	Adjustable Floor Inlet	50	27 lbs.
SP1425S	1 1/2" SKT x 2" MP	Adjustable Floor Inlet	50	26 lbs.
Gutter Drains				
SP1019*	2" FP x 2" SKT	Socket Gutter/Deck Drain	50	25 lbs.
SP1019BA	—	Rectangular Grate, with screws	100	7 lbs.
Lane Marker Anchors				
SP1040	—	Bar Type Anchor, ABS (concrete pools)	50	23 lbs.
SPD404	—	Eyebolt Assembly, ABS - with locknut and gasket (vinyl, fiberglass pools)	50	18 lbs.
Anchor Sockets				
SP1392	1 1/2"	Anchor Socket, ABS, heavy-duty	50	26 lbs.

accessibility equipment

New! multiLift™ Adaptive Pool Lift M11



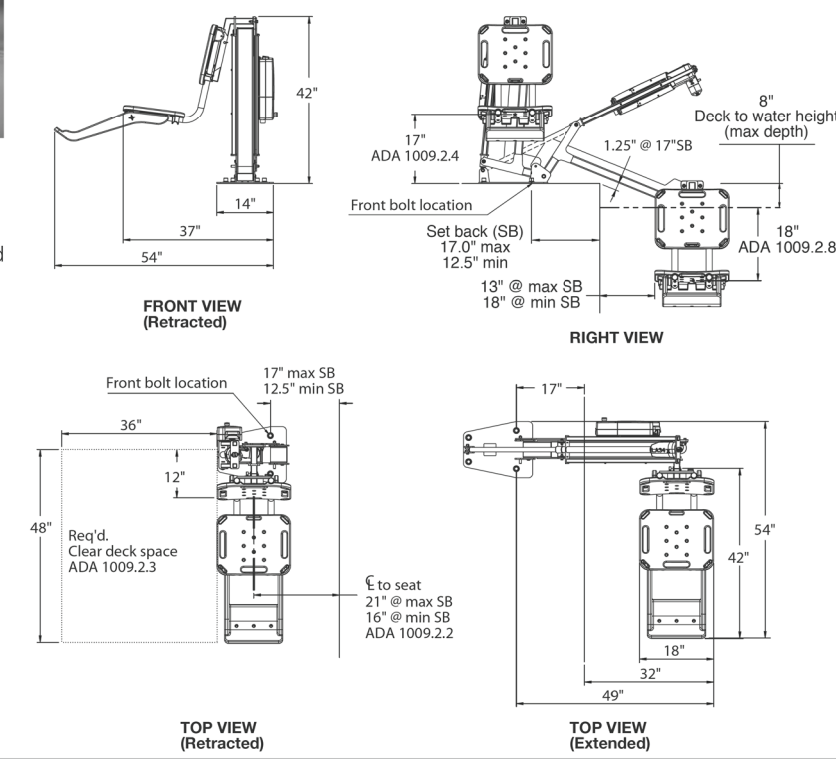
- multiLift™ is an adaptive pool lift platform that gives customers the flexibility to have either a fixed or removable lift in a single integrated design.
- 3rd party tested & verified ADA Compliant
- 350 lbs/159 kg lifting capacity
- Flange mounted with 4 anchor bolts
- Left or right side mounting
- Powered by the LiftOperator™ Intelligent Control
- Wheel-A-Way mobility option provides flexibility to remove the lift for events or storage.
- Made from powder coated stainless steel and aluminum

Model No.	Description	Shipping Wt.	L	W	H
575-0000	multiLift	190 lbs.	56"	23"	23"
575-0100	multiLift with folding seat	190 lbs.	56"	23"	23"
575-1000	multiLift with activation key	190 lbs.	56"	23"	23"
575-1100	multiLift with activation key, and folding seat	190 lbs.	56"	23"	23"

- Includes battery, charger, battery console cover, waterproof control, footrest, seat belt assembly and anchor kit. To order a lift with armrests, drop the last 0 and add a 5 to the end of the part number. Example: 575-0000 becomes 575-0005 for a multiLift with armrests. Ships Class 85.
- Accessories**
- 170-1000 Arm rests
 - 500-5100 Total cover
 - 500-5500 multiLift Wheel-A-Way
 - 100-6000 Folding seat
 - 500-5000 multiLift New Construction Jig
 - 900-2000 Stability Vest
 - 900-4000 Seat Pad



A completed Deck Profile form is required with your pool lift order.



www.srsmith.com / 800.824.4387



Commercial Ladder M12

M12



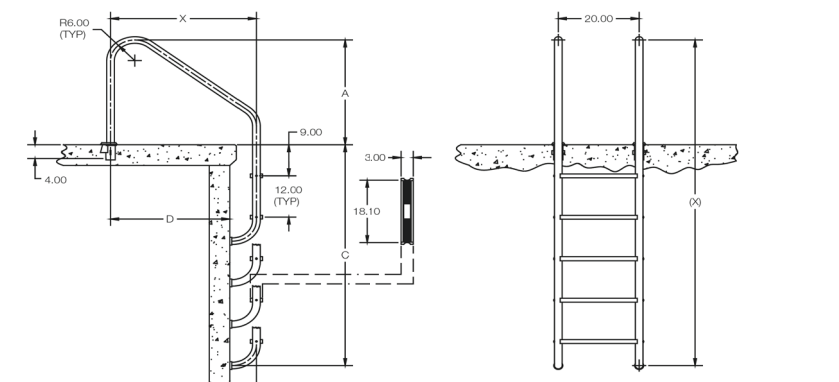
- * Tubing: 1.90" OD (1.50" OD available upon request)
- * Wall Thickness: .065"
- * Type: 304, 316L stainless steel
- * Bands: 6" radius
- * Stainless steel, LTDF-103 treads
- * Anchors and escutcheons sold separately

Model No.	Description
LF-2A	2-Step Ladder
LF-3B	3-Step Ladder
LF-4C	4-Step Ladder
LF-5D	5-Step Ladder
LFB-V-2A	2-Step Ladder with cross brace
LFB-V-3B	3-Step Ladder with cross brace
LFB-V-4C	4-Step Ladder with cross brace
LFB-V-5D	5-Step Ladder with cross brace
LFB-3B-12	Special 36" cross-brace 3-step ladder w/ 12" extended length

Key to order: x=Width dimension: 24 for 24" ladder, 30 for 30" ladder, or 36 for 36" ladder. Safety step kits also available. Add a T to the end of the part number when ordering.

Marine Grade, add -MG to part number when ordering. REQUIRED for Salt Pools.

Escutcheons are included when this rail is ordered in powder coating or SealedSteel. For powder coated -PC for Rock Gray, -PW for White, or -TP for Teak to the part number when ordering. For SealedSteel add -WS for White, -GS for Pewter Gray, or -V for Teak to the part number when ordering.



MODEL NUMBER	A	B	C	D	(E)
LF-2A-24	28.00	24.00	28.00	17.00	34.00
LF-2A-30	32.00	24.00	40.00	17.00	40.00
LF-2A-36	36.00	24.00	52.00	17.00	46.00
LF-3B-24	28.00	24.00	32.00	17.00	34.00
LF-3B-30	32.00	24.00	44.00	17.00	40.00
LF-3B-36	36.00	24.00	56.00	17.00	46.00
LF-4C-24	28.00	24.00	40.00	17.00	34.00
LF-4C-30	32.00	24.00	52.00	17.00	40.00
LF-4C-36	36.00	24.00	64.00	17.00	46.00
LF-5D-24	28.00	24.00	56.00	17.00	46.00
LF-5D-30	32.00	24.00	68.00	17.00	52.00
LF-5D-36	36.00	24.00	80.00	17.00	58.00
LF-3B-36-12	31.00	36.00	40.00	24.00	41.00
LF-3B-36-12	31.00	36.00	52.00	24.00	53.00
LF-3B-36-12	31.00	36.00	64.00	24.00	65.00

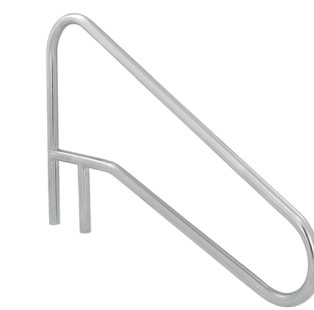
www.srsmith.com / 800.824.4387



ladders + rails

DMS-102 M14

M14

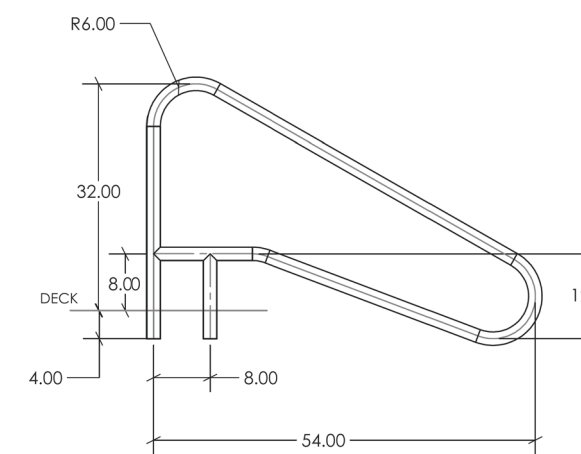


- * Tubing: 1.90" OD
- * Wall Thickness: .049", .065"
- * Type: 304, 316L stainless steel
- * Bands: All 6" Radius
- * DMS-102A available in Powder Coating and SealedSteel

Model #	Description	Shipping Wt.	L	W	H
DMS-102A	54" Center Grab Rail, .049"	15 lbs.	59"	39"	2"
DMS-102B	54" Center Grab Rail, .065"	15 lbs.	59"	39"	2"
DMS-102P	54" Center Grab Rail, .049"	15 lbs.	59"	39"	2"

*Marine Grade, add -MG to part number when ordering. REQUIRED for Salt Pools. Escutcheons are included when this rail is ordered in powder coating or SealedSteel. For powder coated -PC for Rock Gray, -PW for White, or -TP for Teak to the part number when ordering. For SealedSteel add -WS for White, -GS for Pewter Gray, or -V for Teak to the part number when ordering.

- Powder Coated Colors**
- Pearl White
 - Teak
- SealedSteel Colors**
- Pearl White
 - Pewter Gray
 - Teak
- Actual product colors may vary



www.srsmith.com / 800.824.4387



Commercial IntelliChlor® Salt Chlorine Generator M21



Figure 4 - Commercial M13

- * Tubing: 1.50" OD - 120" wall thickness
- 1.90" OD - .065", .109" or .145" wall thickness
- * Stainless Steel 304 or 316L Marine Grade* (add -MG to part number)
- * Bands: 6" radius with 35-inch height
- * Options: Powder-coating and SealedSteel Salt Friendly available
- * Recommended Anchors: AS-204MG for 1.50" and AS-104MG for 1.90" (order separately)
- * Recommended Escutcheons: EP-150 or EP-150-MG for 1.50" and EP-100F or EP-150-MG for 1.90" (order separately)
- * Sold as pairs
- * Minimum requirement for salt pools is 316L Marine Grade

Figure 4 (30-inch setback)

Model No.	Description	Weight	Length	Width	Height
10179	1.90"OD - .065" wall, pair	24 lbs	39"	32"	4"
10180	1.90"OD - .109" wall, pair	38 lbs	39"	32"	4"
10181	1.90"OD - .145" wall, pair	48 lbs	39"	32"	4"
12053	1.50"OD - 120" wall, pair	24 lbs	39"	32"	4"
		11kg	99cm	81cm	10cm

Figure 4 (26-inch setback)

Model No.	Description	Weight	Length	Width	Height
10183	1.90"OD - .065" wall, pair	23 lbs	39"	32"	4"
10184	1.90"OD - .109" wall, pair	36 lbs	39"	32"	4"
10185	1.90"OD - .145" wall, pair	45 lbs	39"	32"	4"
12059	1.50"OD - 120" wall, pair	23 lbs	39"	32"	4"
		10kg	99cm	81cm	10cm

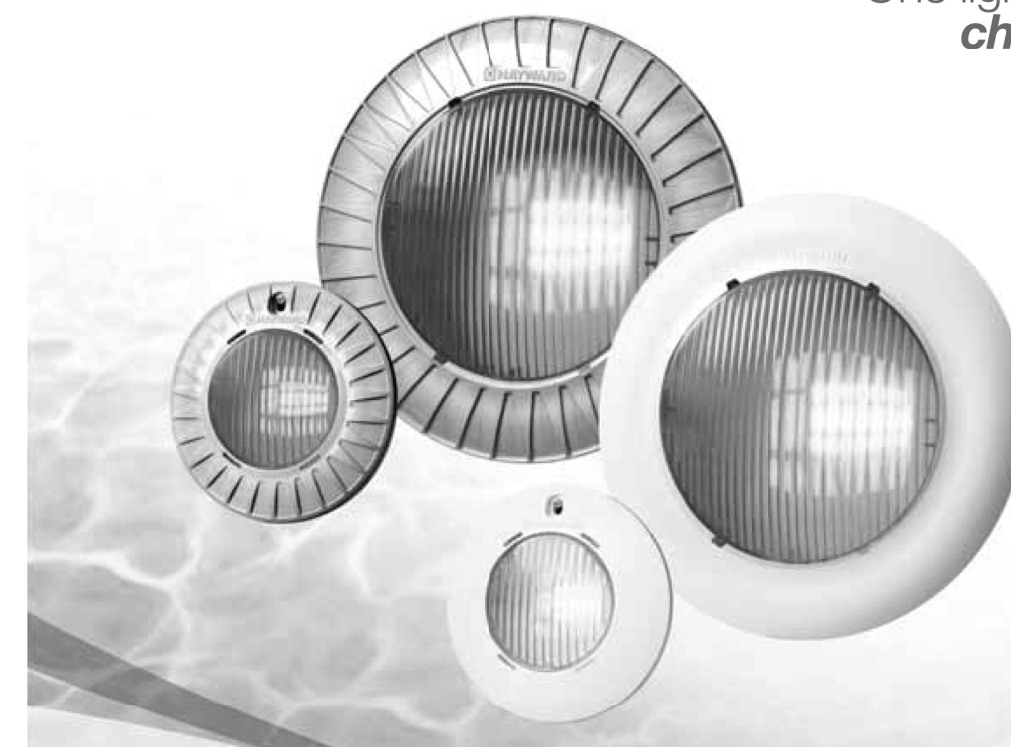
www.srsmith.com / 800.824.4387



HAYWARD M15

M15

Universal ColorLogic®
COLOR LED POOL AND SPA LIGHTING



One light... changes everything.

- UL listed for safe installation in virtually any niche
- 100% brighter* than any color LED light available on the market
- Spectacular color and brightness with a single light
- Uses up to 86% less energy than typical incandescent lights
- Breathtaking 10 fixed colors and 7 color changing shows
- Can be programmed to match any ColorLogic or Pentair® SAM® stand alone color shows

Universal ColorLogic® LED Lights	Standard Switched Lights	Pro Logic® Networked Lights	Pool or Spa	Cord Length	Color Trim Rings for Pool and Spa Lights
UCS011000	UCS011000	UCS011000	Pool	30'	Smooth White (ships with product)
UCS021000	UCS021000	UCS021000	Pool	60'	Clear (ships with product)
UCS031000	UCS031000	UCS031000	Pool	100'	White (ships with product)
UCS041000	UCS041000	UCS041000	Spa	30'	White (ships with product)
UCS051000	UCS051000	UCS051000	Spa	50'	White (ships with product)
UCS061000	UCS061000	UCS061000	Spa	100'	White (ships with product)
UCS071000	UCS071000	UCS071000	Pool	30'	White (ships with product)
UCS081000	UCS081000	UCS081000	Pool	50'	White (ships with product)
UCS091000	UCS091000	UCS091000	Pool	100'	White (ships with product)
UCS101000	UCS101000	UCS101000	Spa	30'	White (ships with product)
UCS111000	UCS111000	UCS111000	Spa	50'	White (ships with product)
UCS121000	UCS121000	UCS121000	Spa	100'	White (ships with product)

The Safety of Hayward® LED Technology

Our 2-wire low voltage light is made entirely of high impact plastic with an unbreakable lens and no exposed metal components. These are all reasons why UL lists it for safe installation in virtually any niche.

J-Box Transformer Retrofit Kits	Signal Coupler for Networked Versions	Kits	Watts	Transformer / J-Box Retrofit Kits	Transformer
LEB0119ES	LEB011000	Hayward	65W		
LEB0119FS	LEB011000	Pentair®	65W		
LEB0119MS	LEB011000	Intermatic®	65W		
LEB0119BS	LEB011000	Thermcraft®	65W		
LEB0119TS	LEB011000	Intermatic	130W		
300W Wall Mount Pool Lighting Transformer					
LEB011300	LEB011000	Hayward	300W	Hayward	Pentair
					Intermatic
					Thermcraft
Inches	Description	Approved Lights	Pool / Spa	Niche	
LEB011000	Non Bonded, Non Grounded, Low Profile Plastic Pool Niche for Concrete Pools	Universal ColorLogic and CrystalLogic	Pool		
LEB011000	Non Bonded, Non Grounded Plastic Spa Niche for Concrete Spas	Universal ColorLogic and CrystalLogic	Spa		

The Capability of Hayward LED Technology

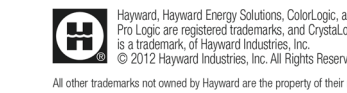
These lights are UL listed for safe installation in virtually any niche, including Hayward, Pentair®, Jandy®, American®, Sta-Rite®, Pure®, Pabco®, Swimquip® and CHD® niches. For additional information, please see our website.

Universal ColorLogic is UL listed for wall and floor installation.

For new installations, the revolutionary shallow pool niche that does not require to be bonded or grounded, allows you to further save costs on installation and materials necessary to install this light.



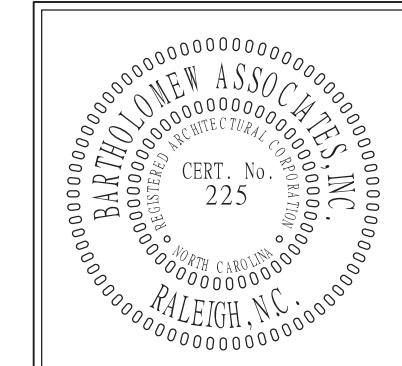
620 Division Street | Elizabeth, NJ 07201



MAIN POOL EQUIPMENT SCHEDULE

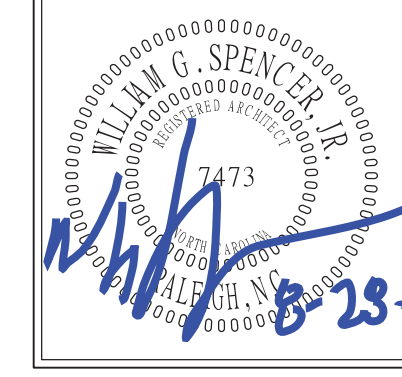
ITEM	DESCRIPTION	PRODUCT
M1	2.7 HP SELF-PRIMING PUMP W/ MATCHING STRAINER, 126 GPM @ 34.50' RPM AND COVER/GRATE AND 4" OF HEAD - PROVIDE A SPARE BASKET FOR STRAINER.	HAYWARD TRISTAR VS 950
M2	30" DIA., HIGH RATE SAND FILTER WITH 5.0 S.F. MEDIA	HAYWARD -HCF230
M3	MULTIPOINT VALVE	HAYWARD -HCV272
M4	FLOW RATE INDICATOR	FLOWVIS
M5	EROSION CHLORINATOR	PENTAIR RAINBOW 320
M6	MAIN DRAIN, 3/4"Ø SUMP AND COVER/GRATE AND 2 HYDROSTATIC RELIEF VALVE - HAYWARD SPT056/1055	AQUASTAR WVAWVR W/ WVAWVR101558
M7	IN-GROUND SKIMMER	AQUASTAR SKR-101
M8	IN-WALL INLET W/ DIRECTIONAL FITTINGS	HAYWARD SPT1424S
M9	RESERVED	
M10	IN-WALL VACUUM FITTING, W/ PLUG	HAYWARD W400A-WHP
M11	HANDICAP LIFT W/ OPTIONAL SLEEVE ANCHOR SYSTEM.	SR SMITH MULTI-LIFT 575-0000
M12	POOL LADDER, 3 RUNG	SR SMITH LF24-3B-MG
M13	POOL HANDRAIL, 30" LONG, PROVIDES S.S. MOUNTING SLEEVES	SR SMITH -LF24-3B-MG
M14	POOL HANDRAIL, 44" LONG, PROVIDES S.S. MOUNTING SLEEVES	SR SMITH -LF24-3B-MG
M15	LED LIGHT, 150 WATT EQUIVALENT	DMS-102-MG HAYWARD UNIV. COLORLOGIC LED
M16	1.65 THP FOUNTAIN PUMP w/ MATCHING STRAINER, 15 GPM @ 65 FT. OF HEAD AT 3450 RPM - PROVIDE A SPARE BASKET FOR STRAINER	HAYWARD SUPERPUMP VS-700
M17	BUBBLER SIDEWALL DRAINS	AQUASTAR -A10RCFR-101
M18	COLOR BUBBLER W/ 23 WATT LED LIGHT, 100 WATT EQUIVALENT	HAYWARD COLORLOGIC 320
M19	AUTOMATIC WATER LEVEL CONTROLLER	POOL MISER PM-101
M20	POOL CONTROL PANEL	HAYWARD QMNF-1
M21	SALT CHLORINATION SYSTEM, SECONDARY SYSTEM, WITH INTELLICHLOR POWER CENTER	PENTAIR INTELLICHLOR -IC-60

SWIMMING POOL FOR CAMDEN PLACE 36 HANK WAY ANGLIER, NC 27501



bai - ARCHITECTS
978 Trinity Road - Raleigh, North Carolina 27607
P: 919.859.7003 - F: 919.859.7121 - bai-architects.com

THE USE OF THESE PLANS IS EXPRESSLY LIMITED TO THE PROJECT AND SPECIFICATIONS REMAINS WITH THE ARCHITECT WITHOUT PREJUDICE. THEY ARE TO BE REPRODUCED, COPIED, REPRODUCED, OR PUBLISHED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. VISUAL CONTACT WITH THESE PLANS AND SPECIFICATIONS SHALL CONSTITUTE A FORMAL VIOLATION OF THESE RESTRICTIONS.



NO.	COMMENTS/REVISIONS
	PROJECT ENTERED INTO COMPUTER
	CD PROGRESS SET
	CD PERMIT SET

DATE	PROJECT
08/01/24	PROJECT ENTERED INTO COMPUTER
08/20/24	CD PROGRESS SET
08/28/24	CD PERMIT SET

RELEASED FOR CONSTRUCTION © 08/28/24

HAYWARD We Build Better

Super Pump VS 700 Ultra-High Efficiency Pumps

SUPERIOR DURABILITY FROM THE NAME YOU KNOW AND TRUST

Intuitive control pad can be rotated in four directions on the pump or removed and wall mounted

Upgraded dual-voltage motor drive delivers 30% greater high-speed operation than other models

Permanent magnet, totally enclosed fan-cooled motor combines unmatched efficiency and reliability

110 cubic-inch strainer basket holds more debris

Exclusive swing-away hand knobs make for easy strainer cover removal without tools

Chemical-resistant Viton® seal offers improved resistance against chemical imbalances

Wing nut drain plugs are easy to open and close for winterizing

EASY UPGRADE FOR ANY POOL
Super Pump VS 700 is a single drop-in upgrade for Super Pump single-speed pumps up to 1.5 HP. Built with dual-voltage capability, it offers the savings of a VS pump without requiring costly rewiring.

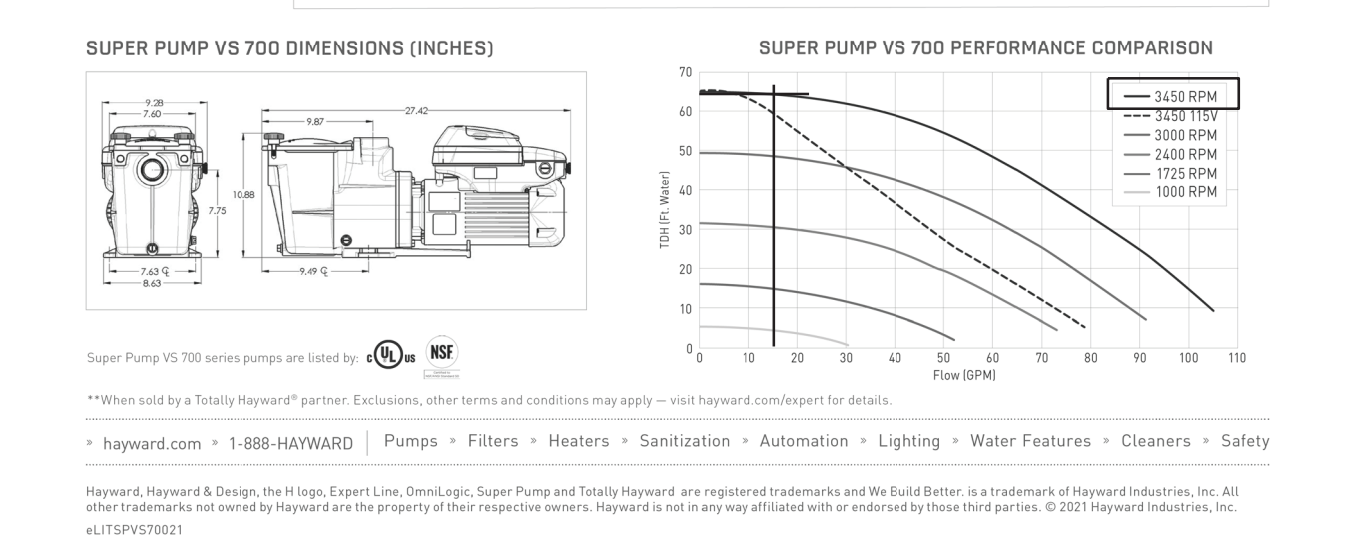
ENERGY-EFFICIENT DESIGN
Built with a chemical-resistant Viton seal and accompanied by a 3-year extended warranty, Super Pump VS 700 offers powerful protection for years of reliable performance.

UNIVERSAL CONTROLLER COMPATIBILITY
Super Pump VS 700 can operate in standalone mode or with any automation system—including OmniLogic® and other Hayward systems.

10.9 WEF

MODEL NUMBER	TOTAL HP	VOLTAGE	WEIGHTED ENERGY FACTOR (WEF)**	WARRANTY
SP247000VSP	1.65	115V/230V	10.98.0	3 years**

**The higher the weighted energy factor (WEF), the more efficient the pump. Visit hayward.com for updates for more information.



AQUASTAR **VGBA-2017 PRODUCT SPECIFICATIONS**
Suction Outlet Fitting Assembly (SOFA)
VGBA-2017 Flow Ratings, Sump Dimensions, Sump Flow Path Zone, and Head Loss Curves

NSF M17

DIRECTIONS: Please follow the SOFA specific flow rates, sump specifications, and flow path zone information below. The installation must conform to these minimum/maximum requirements including the SOFA dimension defined in Figure 1. The flow path zone is defined by dimensions A through E. The installed sump may be manufactured or field-built and it may be larger/deeper than Figure 1. Please write the Cover Model Number, orientation, and SOFA Model Flow Rating on the VGBA DRAIN COVER IDENTIFICATION INFORMATION label that comes with each AquaStar Pool Products, Inc. drain cover.

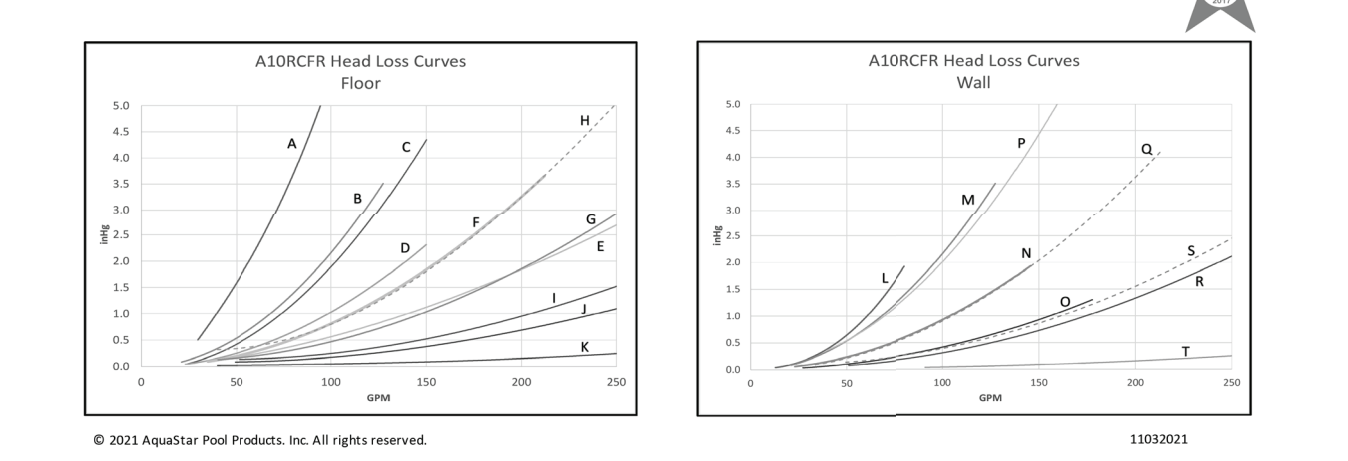
FIGURE 1 - SOFA MODEL & FLOW PATH

Cover Model Number: A10RCFR100

FOR MOST CURRENT INFORMATION GO TO WWW.AQUASTARPOOLPRODUCTS.COM/VELOCITY

SOFA Model No.	Pipe Size (Nominal)	Pipe Length (Minimum)	Orientation (Wall / Floor)	Flow Rating (GPM)	Head Loss Curve	
A10RCFR10F_A-1.5p_B0_C0_D0_E0_F16	1.5" (b)	0"	Floor (f)	63	A	
A10RCFR10F_A-2p_B0_C0_D0_E0_F16	2" (b)	0"	Floor (f)	119	B	
A10RCFR10F_A-2p_B0_C0_D0_E0_F16	2" (b)	1.6"	Floor (f)	119	C	
A10RCFR10F_A-2p_B0_C0_D0_E0_F16	2.5" (b)	0"	Floor (f)	119	D	
A10RCFR10F_A-3p_B0_C0_D0_E0_F16	3" (b)	0"	Floor (f)	138	E	
A10RCFR10F_A-2.5p_B0_C0_D0_E0_F16	2.5" (b)	3"	Floor (f)	170	F	
A10RCFR10F_A-3p_B0_C0_D0_E0_F16	3" (b)	3"	Floor (f)	170	G	
A10RCFR10F_A-2.1.5p_B0_C0_D0_E0_F16	2" + 1.5" (b)	3"	Floor (f)	200	H	
A10RCFR10F_A-4p_B0_C0_D0_E0_F16	4" (a)	5.2"	Floor (f)	250	I	
A10RCFR10F_A-4p_B0_C0_D0_E0_F16	4" (a)	2.5" (b)	3"	Floor (f)	250	J
A10RCFR10F_A-4p_B0_C0_D0_E0_F16	4" (a)	9.25"	Floor (f)	200	K	
A10RCFR10W_A-1.5p_B0_C0_D0_E0_F16	1.5" (b)	0"	Wall (w)	63	L	
A10RCFR10W_A-2p_B0_C0_D0_E0_F16	2" (b)	0"	Wall (w)	119	M	
A10RCFR10W_A-2.5p_B0_C0_D0_E0_F16	2.5" (b)	0"	Wall (w)	170	N	
A10RCFR10W_A-3p_B0_C0_D0_E0_F16	3" (b)	0"	Wall (w)	170	O	
A10RCFR10W_A-2p_B0_C0_D0_E0_F16	2" (b)	3"	Wall (w)	170	P	
A10RCFR10W_A-2p_B0_C0_D0_E0_F16	2" (b)	3"	Wall (w)	170	Q	
A10RCFR10W_A-2.5p_B0_C0_D0_E0_F16	2.5" (b)	3"	Wall (w)	170	R	
A10RCFR10W_A-3p_B0_C0_D0_E0_F16	3" (b)	3"	Wall (w)	170	S	
A10RCFR10W_A-2.1.5p_B0_C0_D0_E0_F16	2" + 1.5" (b)	3"	Wall (w)	200	T	

Note 1: *SOFA Model No. non-compliance: bottom pipe = (b), side pipe = (s). See Fig 1 for cap letters A through E.
Note 2: Head loss (ft) is measured 10 to 24 inches from the finish surface of the pool. Reference Fig 1 dimension F.



PRODUCT SPECS

COLORLOGIC® LAMINAR

PART NUMBER	DESCRIPTION
WF100	ColorLogic Laminar

ACCESSORIES

PART NUMBER	DESCRIPTION	GRAY LID, DECK NICH	DARK GRAY LID, DECK NICH
GLXWFLDGRY	Gray Lid, Deck Niche		
GLXWFLDGRY	Dark Gray Lid, Deck Niche		

Synchronizes utilizing ColorLogic or CrystalLogic® 320 or 160 Lights
The industry's only height-adjustable cover creates seamless integration
Simple flow adjustment valve allows for convenient stream control

COLORLOGIC BUBBLER

PART NUMBER	DESCRIPTION
WFB100	Bubbler

ACCESSORIES

PART NUMBER	DESCRIPTION	MATCHES WITH	DESCRIPTION
GLX-BKT-GR	Gray Bubbler Kit	GLX-BLN-GR	Gray Nozzle Kit
GLX-BKT-DG	Dark Gray Bubbler Kit	GLX-BLN-GR	Dark Gray Nozzle Kit
GLX-BKT-WT	White Bubbler Kit	GLX-BLN-WT	White Nozzle Kit

Adjustable nozzles accommodate installations from 2" to 12" below the water's surface
Two-part design incorporates a plaster ring for adjusting the height and angle to match the pool surface

HAYWARD M17

ColorLogic® 320 & 160 Lights

COLOR LED POOL, SPA, AND ACCENT LIGHTING

Bring color to all corners of your backyard oasis with ColorLogic 320 & 160 LED lights. The new 1.5-inch pool, spa or accent lights provide low-profile, total color coordination of all water environments and complete synchronization with all Universal ColorLogic lights. Available in two brightness levels, and able to be installed wet or dry, ColorLogic 1.5-inch LED lights are ideal for highlighting steps, bubblers, fountains, baja shelves and other water features. These versatile, low voltage lights use far less energy than typical incandescent lights to last up to 10 times longer, saving pool owners money on energy costs and virtually eliminating service calls to replace bulbs. ColorLogic 320 & 160 LED lights come with 10 vibrant colors and 7 dynamic color-changing shows. With ColorLogic, you can expect a striking, expertly coordinated environment for all backyard occasions.

Discover total color coordination.

ColorLogic® 320 & 160 LED Lights Features and Benefits:

- Easiest 1.5-inch lights to install at just 4 inches below waterline and in as little as 8 inches of PVC conduit.
- Ideal for low-profile pool and spa applications, or for lighting steps, water features, baja shelves, and more.
- Can be installed wet or dry.
- Lasts 10 times longer than incandescent lights.
- 10 fixed colors with 7 color-changing shows.
- 101 colors and 11 color-changing shows when networked with Hayward® Automation Systems.
- Available in two brightness levels.
- UL-listed for safe floor or wall installation.
- Networked lights 10 inches in length.

ColorLogic 1.5-inch Lights	Standard Switched Lights	Hayward Automation Networked Lights	Cord Length
LA0S11000	LA0S11000	LA0AN1000	30
LA0S11050	LA0S11050	LA0AN1050	50
LA0S11100	LA0S11100	LA0AN1100	100
LA0S11150	LA0S11150	LA0AN1150	150
LA0S11200	LA0S11200	LA0AN1200	200
LA0S11250	LA0S11250	LA0AN1250	250
LA0S11300	LA0S11300	LA0AN1300	300
LA0S11350	LA0S11350	LA0AN1350	350
LA0S11400	LA0S11400	LA0AN1400	400
LA0S11450	LA0S11450	LA0AN1450	450
LA0S11500	LA0S11500	LA0AN1500	500

CrystalLogic® 1.5-inch Lights

Standard Switched Lights	Hayward Automation Networked Lights	Cord Length
LA0S11000	NA	30
LA0S11050	NA	50
LA0S11100	NA	100
LA0S11150	NA	150
LA0S11200	NA	200
LA0S11250	NA	250
LA0S11300	NA	300
LA0S11350	NA	350
LA0S11400	NA	400
LA0S11450	NA	450
LA0S11500	NA	500

ColorLogic and CrystalLogic 320 & 160 Light Accessories

Transformers	Signal Coupler for Networked Versions	Watts	
J-Box Transformer Complete	USM11465	USM11000	70
J-Box Transformer	USM11100	USM11000	300

Wall Backhead Color Options

SP003PR15	1.5" PVC Conduit Plaster Ring - Granite - Gray
SP003W7	Accent Light Wall Backhead - Fiberglass - White
SP003W40R	Accent Light Wall Backhead - Fiberglass - Gray
SP003W40D	Accent Light Wall Backhead - Fiberglass - Dark Gray
SP003W7BK	Accent Light Wall Backhead - Fiberglass - Black
SP003M40R	Accent Light Wall Backhead - Vinyl - White
SP003M40D	Accent Light Wall Backhead - Vinyl - Dark Gray
SP003W7BK	Accent Light Wall Backhead - Vinyl - Black

Hayward Automation Networked and Standard Switched Lights

For color reference only

Will fill your swimming pool, hot tub or spa; waterfall, fishpond, etc... and maintain a pre-set water level all the time

To take a closer look at ColorLogic or CrystalLogic 320 & 160 LED Lights, go to hayward.com or call 1-888-HAYWARD.

HAYWARD

Hayward, Hayward Energy Solutions, ColorLogic and CrystalLogic are registered trademarks of Hayward Industries, Inc. © 2014 Hayward Industries, Inc. L100.0014

OmniLogic® 5-Step Modular Configuration

- OmniLogic Base Panel**
 - Any pool or pool/spa combination
 - Single, Shared and Dual Equipment

Standard Features:

 - Built-in touch display for easy configuration and programming
 - Fully programmable, automatic control of every output
 - 4 high-voltage relays (upgradeable to 10)
 - 4 valve actuator relays (upgradeable to 8)
 - 4 low-voltage relays/heaters (upgradeable to 8)
 - 5 temperature sensors
 - Controls up to 16 EcoStar® or TriStar® variable-speed pumps without a relay
 - 125A sub panel with 12 breaker slots
 - 50 favorite one-click buttons
 - 25 unique programmable Themes
 - Salt chlorination ready
- Identify Control Needs**
 - Ability to add a relay bank and 2 individual relays for a total of 6 additional relays for further feature control
- OmniLogic System Expansion (optional)**
 - I/O expansion board plugs directly into base unit and provides 4 additional high-voltage relays, 4 additional low-voltage relays and 4 additional temperature sensors
 - Expansion panel adds an additional system panel with the same capabilities as the base unit
 - * Expansion Panel available Spring 2016
- Choose Remote Control**
 - Wireless antenna for web use (if wired ethernet unavailable)
 - Wired full-function touch screen wall-mount display for indoor or protected outdoor use
 - Wireless waterproof full function touch screen remote for pool, spa or indoor use
 - Free app for Apple® iPad®, iPhone® and Android™
 - Free website for backyard control from any internet device
- Identify Sanitization Needs**
 - Salt ready - Optional TurboCell®: 15,000-, 25,000- or 40,000-gallon depending on pool size
 - Optional Sense and Dispense® - fully integrated chemical automation

To view the OmniLogic video, visit thepowerofsimple.com 1-888-HAYWARD

Total System: Pumps | Filters | Heating | Cleaners | Sanitization | Automation | Lighting | Safety | White Goods

Hayward, EcoStar, OmniLogic, Sense and Dispense, TriStar and TurboCell are registered trademarks of Hayward Industries, Inc. © 2015 Hayward Industries, Inc. All other trademarks not owned by Hayward are the property of their respective owners. Hayward is not in any way affiliated with or endorsed by those third parties. L10TM.08015A

POOLMISER

SINCE 1978

Will fill your swimming pool, hot tub or spa; waterfall, fishpond, etc... and maintain a pre-set water level all the time

- Comes with anti-siphon valve and built-in 1" overflow line.
- 3 1/2" deep ring for adjustments to thickness of decks.
- Less time to install than ordinary fill and overflow lines.
- No electrical hook-ups.
- Prevents water level drop and overflow thus eliminates pump burn-outs, plastic discoloration, raised decks, and chemical loss.
- Eliminates complaints of leaks due to excessive evaporation.
- Saves time and money for you and your customers.

M20

OmniLogic Specifications

Part Number	Description
HLBASE	OmniLogic 4 Relay Base Panel
HLRELAYBANK	OmniLogic 4 Relay Bank
HLRELAY	OmniLogic 1 Relay
HLIOEXPAND	OmniLogic 4x4x4 Valves, Sensors, Inputs
HLWLAN	OmniLogic Wireless Network Antenna
HLWALLMOUNT	OmniLogic Wall-Mount Remote
HLWIRELESS	OmniLogic Wireless Waterproof Remote
HLEXPAND*	OmniLogic Expansion Panel
GVA-24	Hayward® Actuator-24 Volt
T-CELL-15	Hayward 40,000 Gallon Salt Cell
F-KIT	Hayward Salt Plumbing Kit
HL-CHEM	OmniLogic Sense & Dispense
AQL-CHEM4-ACID	pH Dispense, Acid Feed System

*Available Spring 2016

bai - ARCHITECTS
9178 Trinity Road - Raleigh, North Carolina 27607
p: 919.859.7003 - f: 919.859.7121 - bai-architects.com

THE USE OF THESE PLANS IS EXPRESSLY LIMITED TO THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE, REPRODUCTION, OR PUBLICATION BY ANY PARTY IN WHOLE OR IN PART IS PROHIBITED. TITLE TO THE PLANS AND SPECIFICATIONS REMAINS WITH THE ARCHITECT WITHOUT PREJUDICE. THEY ARE TO BE RETURNED UPON REQUEST TO THE ARCHITECT. VISUAL CONTRACT WITH THESE PLANS AND SPECIFICATIONS SHALL CONSTITUTE FORMAL EVIDENCE OF THE SCOPE AND CONTENTS OF THESE INSTRUMENTS.

SWIMMING POOL FOR CAMDEN PLACE 36 HANK WAY ANGLIER, NC 27501

RELEASED FOR CONSTRUCTION © 08/28/24

NO.	DATE	COMMENTS/REVISIONS
08/01/24	08/01/24	PROJECT ENTERED INTO COMPUTER
08/20/24	08/20/24	CD PROGRESS SET
08/28/24	08/28/24	CD PERMIT SET

MAIN POOL EQUIPMENT SCHEDULE

ITEM	DESCRIPTION	PRODUCT
M1	2.7 HP SELF-PRIMING PUMP W/ MATCHING STRAINER.	HAYWARD TRISTAR VS 950
M2	12x GPM @ 3450 RPM @ 65 FT. OF HEAD - PROVIDE A SPARE BASKET FOR STRAINER.	HAYWARD -HCV230
M3	30" DIA., HIGH RATE SAND FILTER WITH 5.0 S.F. MEDIA	HAYWARD -HCV230
M4	MULTI-PORT VALVE	HAYWARD -HCV230
M5	FLOW RATE INDICATOR	FLOWVIS
M6	PENTAIR RAINBOW 320	PENTAIR RAINBOW 320
M7	EROSION CHLORINATOR	AQUASTAR SKR-101
M8	MAIN DRAIN, 7"X7" SUMP AND COVER/GRATE AND PROVIDE S.S. MOUNTING SLEEVES	AQUASTAR SKR-101
M9	POOL HANDRAIL, 4'-4" LONG, PROVIDE S.S. MOUNTING SLEEVES	HAYWARD UNIV SP1424S
M10	IN-GROUND SKIMMER	HAYWARD UNIV SP1424S
M11	LED LIGHT, 150 WATT EQUIVALENT	HAYWARD UNIV SP1424S
M12	1.65 THP FOUNTAIN PUMP w/ MATCHING STRAINER, 15 GPM @ 65 FT. OF HEAD AT 3450 RPM - PROVIDE A SPARE BASKET FOR STRAINER	HAYWARD W400AWHP
M13	HANDICAP LIFT W/ OPTIONAL SLEEVE ANCHOR SYSTEM.	HAYWARD W400AWHP
M14	POOL LADDER, 3 RUNG	SRSMITH -LF24-3R-MG
M15	POOL HANDRAIL, 30" LONG, PROVIDE S.S. MOUNTING SLEEVES	SRSMITH -LF24-3R-MG
M16	POOL HANDRAIL, 4'-4" LONG, PROVIDE S.S. MOUNTING SLEEVES	SRSMITH -LF24-3R-MG
M17	BUBBLER SIDEWALL DRAINS	AQUASTAR -A10RCFR-101
M18	COLOR BUBBLER W/ 23 WATT LED LIGHT, 100 WATT EQUIVALENT	HAYWARD COLORLOGIC 320
M19	AUTOMATIC WATER LEVEL CONTROLLER	POOL MISER
M20	POOL CONTROL PANEL	PM-101
M21	SALT CHLORINATION SYSTEM, SECONDARY SYSTEM, WITH INTELLOCHLOR POWER CENTER	HAYWARD UNIV INTELLOCHLOR
M22	POOL CONTRACTOR SHALL VERIFY THAT POOL EQUIPMENT SCHEDULE AND CUT SHEETS MATCH BEFORE ORDERING ANY ITEMS OF EQUIPMENT.	INTELLOCHLOR -IC-60

SP8