

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:
- DIALING INSTRUCTIONS
- 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.
- DENOTED 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

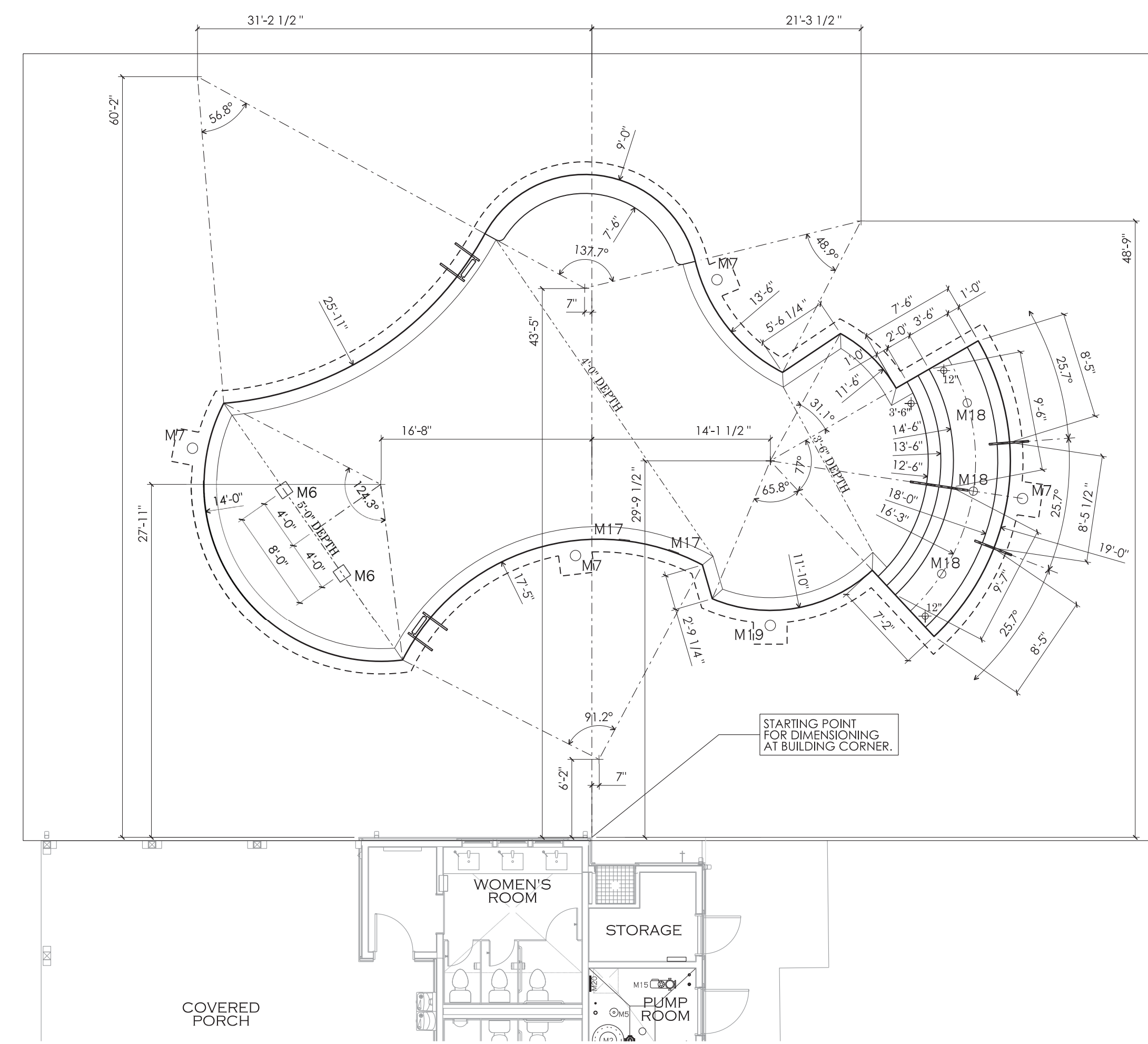
SIGN "B" - 1" TALL LETTERS

POOL SAFETY RULES

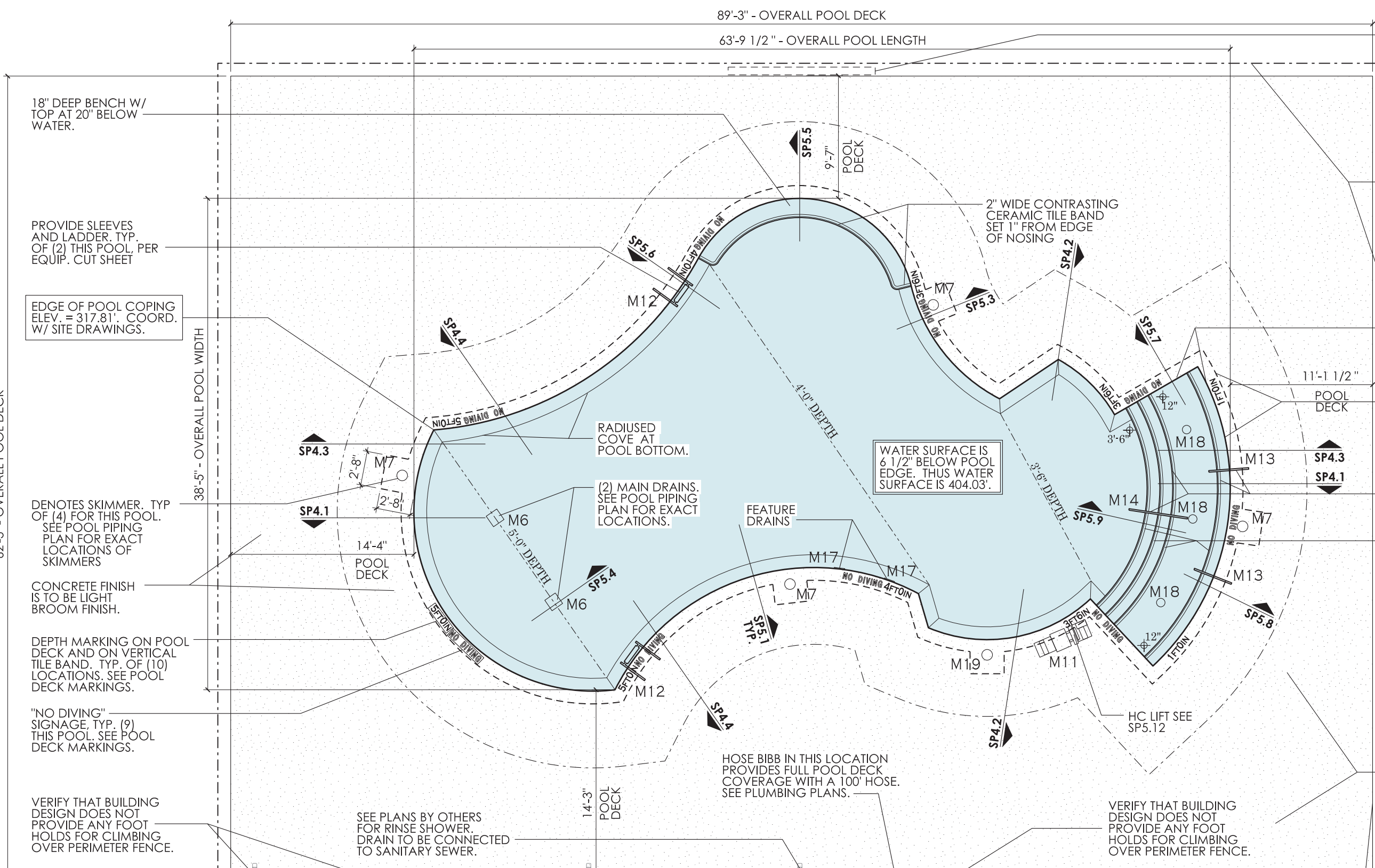
- CHILDREN SHOULD NOT USE THE SWIMMING POOL WITHOUT ADULT SUPERVISION.
- ADULTS SHOULD NOT SWIM ALONE.
- PETS ARE PROHIBITED IN THE POOL AREA.
- GLASS CONTAINERS ARE PROHIBITED IN THE POOL AREA.
- NO DIVING IS ALLOWED IN POOL AREA.

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

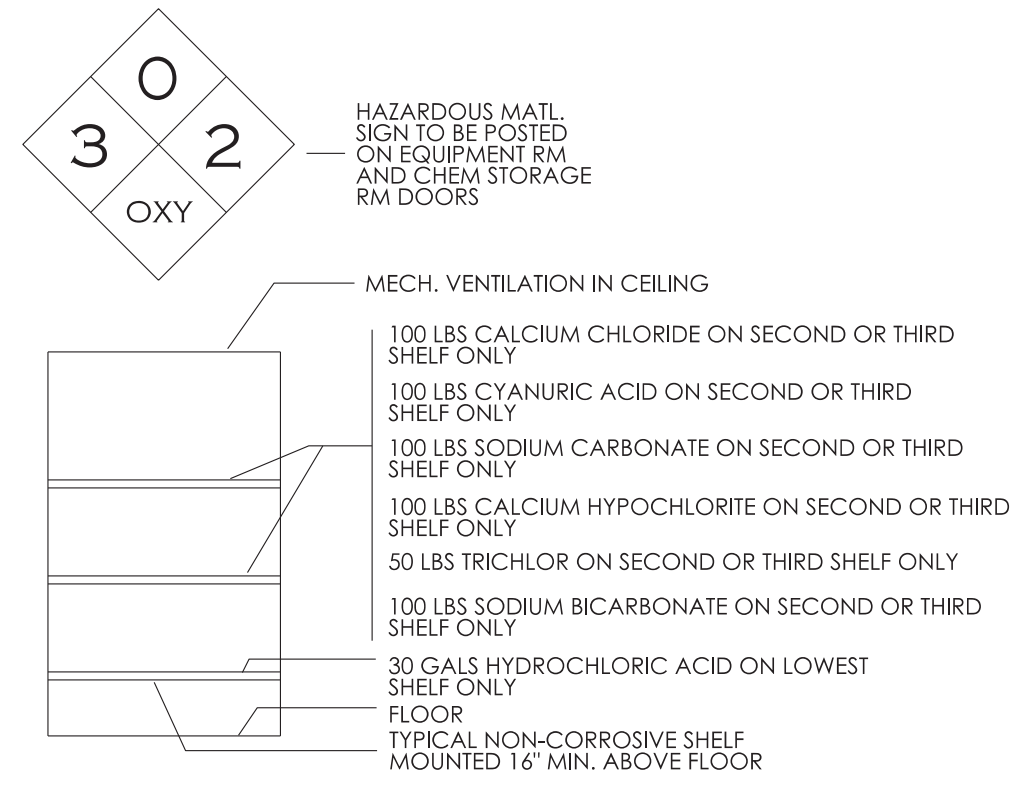
SIGN "D" - PROVIDE A SIGN STATING "POOL CLOSED" FOR EVERY POOL ENTRANCE. VERIFY WITH FINAL POOL ENCLOSURE DESIGN FOR FINAL NUMBER OF ENTRANCES.



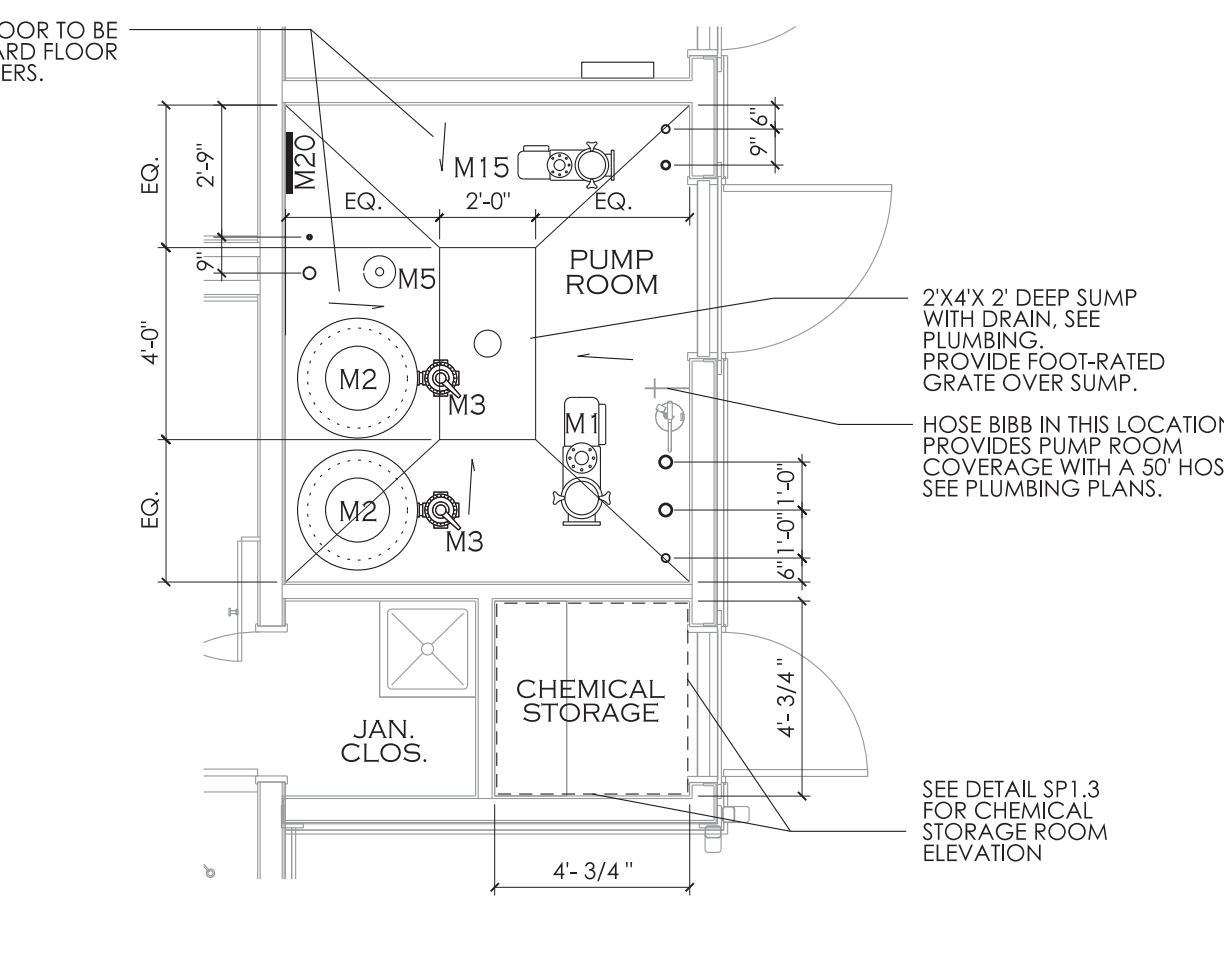
SP1 POOL DIMENSION PLAN
SCALE: 1/8" = 1'-0"



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"

DOTTED BOX IS LOCATION OF SAFETY EQUIPMENT AS OUTLINED UNDER POOL SAFETY REQ'S. VERIFY WITH HEALTH INSPECTOR.

VERIFY TOP OF FENCE IS MINIMUM 4'-0" TALL. SEE LAND DRAWINGS. SEE DET. SP4.13 FOR PERIMETER FENCE AND GATES.

EDGE OF POOL COPING ELEV. = 317.81'. COORD. W/ SITE DRAWINGS.

POOL DECK EDGE, DOTTED LINE DENOTES BACK SIDE OF BOND BEAM.

POOL STAIRS & HANDRAIL

2" WIDE CONTRASTING CERAMIC TILE BAND SET 1" FROM EDGE OF NOSING

STIPPLING DENOTES CONCRETE POOL DECK. AREA TOTALS 17,414.50 SQ. FT. POOL CONTR. TO FIELD VERIFY. SEE LANDSCAPE PLANS FOR BALANCE OF DECK NOTES, CONSTRUCTION, SLOPING, GRADING, ETC.

POOL DECK IS REQ'D TO SLOPE AWAY FROM POOL EDGE AT A SLOPE BETWEEN 1/4" PER FOOT AND 1/2" PER FOOT FOR HEALTH DEPARTMENT APPROVAL. SEE LANDSCAPE PLANS FOR GRADING IN THIS AREA.

EDGE OF POOL DECK ELEV. = 317.42'. COORD. W/ SITE DRAWINGS.

48" EGRESS GATES. SEE DET. SP4.13 FOR GATE REQ'S.

VERIFY THAT BUILDING DESIGN DOES NOT PROVIDE ANY FOOT HOLDS FOR CLIMBING OVER PERIMETER FENCE.

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PROVIDE SIGN READING "WARNING NO LIFE GUARD ON DUTY" SEE POOL SIGN REQ'S. SIGN "A"

PROVIDE SIGN STATING THAT NO DIVING IS ALLOWED IN POOL AREA. SEE POOL SIGN REQ'S. SIGN "B"

PROVIDE SIGN FOR SHOWERING REQ'S. SEE POOL SIGN REQ'S. SIGN "C" SEE SHEET SP1

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 W/AV9WR W/ W/AV9WR1015SB
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 57-5000
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 - DN15-102-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

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:	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, REQ'D:	(2) @ 5.0 SF EACH, 10.0 TOTAL
MEDIA CIRC. RATE:	15 GPM/SF.
BACKWASH RATE:	15 GPM/SF.
TURNOVER RATE - REQ'D:	6 HOURS.
- PROVY:	5.54 HOURS
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.	

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	
TWO DRINKING FOUNTAINS ARE REQUIRED.	
PROJECT REQUIREMENTS	
MEN:	
- ONE LAVATORY	
- ONE WATER CLOSET	
WOMEN:	
- ONE LAVATORY	
- TWO WATER CLOSETS	
- ONE SHOWER	
- TWO DRINKING FOUNTAINS	

CHEMICAL STORAGE NOTES

CHEMICAL STORAGE REQUIREMENTS FOR THE POOL IS AS FOLLOWS:

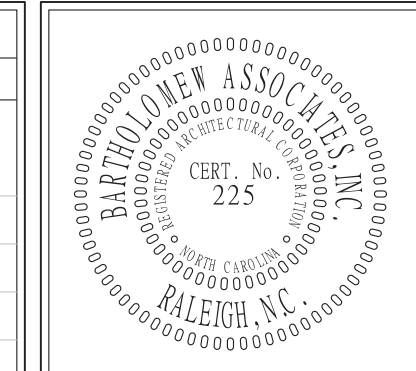
5 SQ. FT. FOR FIRST 10,000 GALLONS OF POOL PLUS 1 SQ. FT. FOR EACH ADDITIONAL 3,000 GALLONS OF POOL UP TO 100 SQ. FT. OF STORAGE.

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.

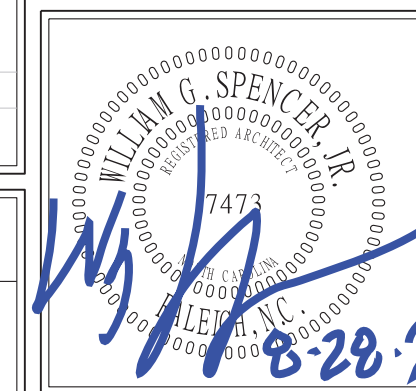
SEE DETAIL SP1.3 FOR CHEMICAL STORAGE ROOM ELEVATION

INDEX OF DRAWINGS			
SWIMMING POOL DRAWINGS			
SHEET	TITLE	PERMIT SET DATE = 08/28/24	R#
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		



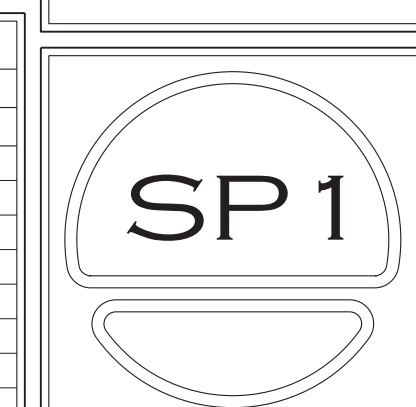
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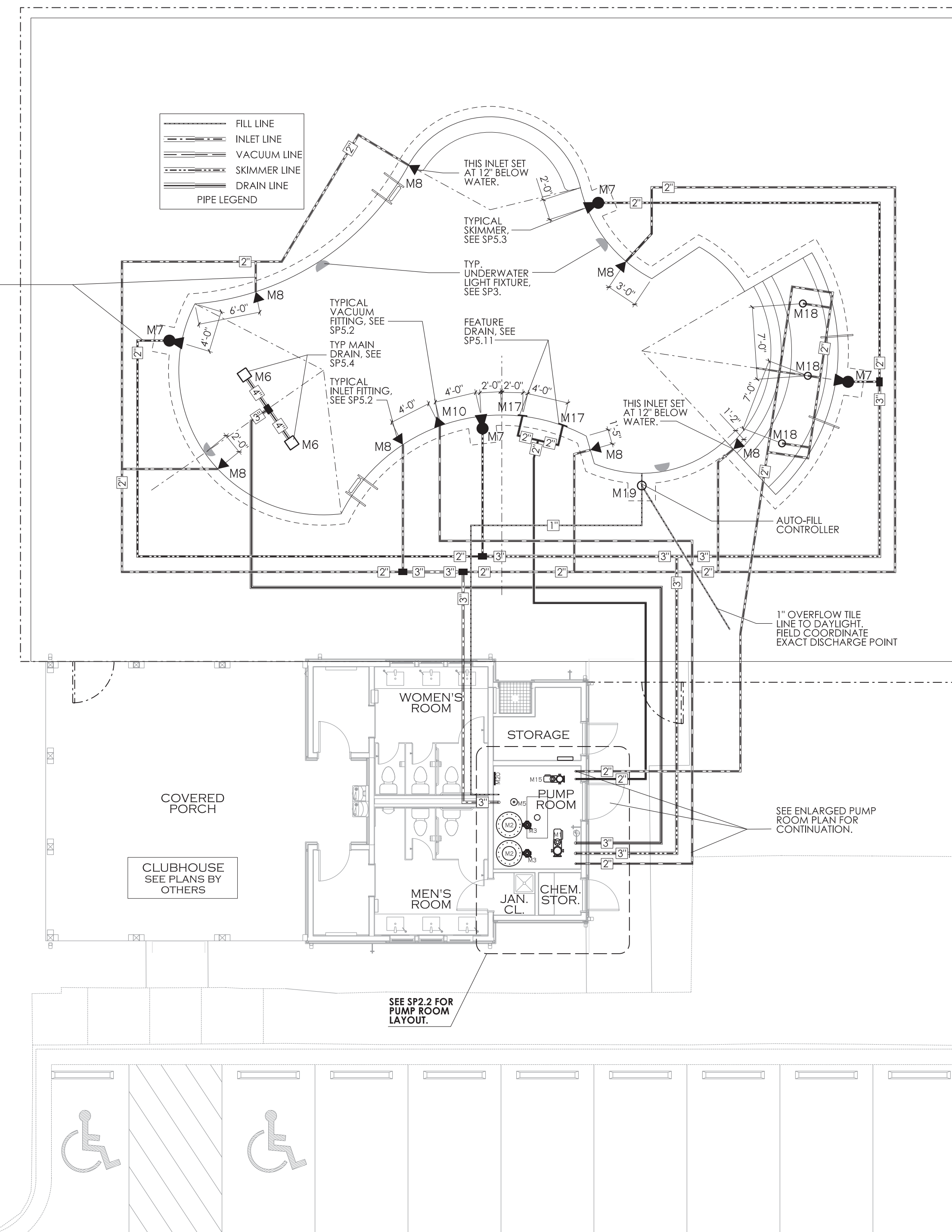


COMMENTS/REVISIONS	
NO.	PROJECT ENTERED INTO COMPUTER
	CD PROGRESS SET
	CD PERMIT SET
DATE	08/01/24
	08/20/24
	08/28/24

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

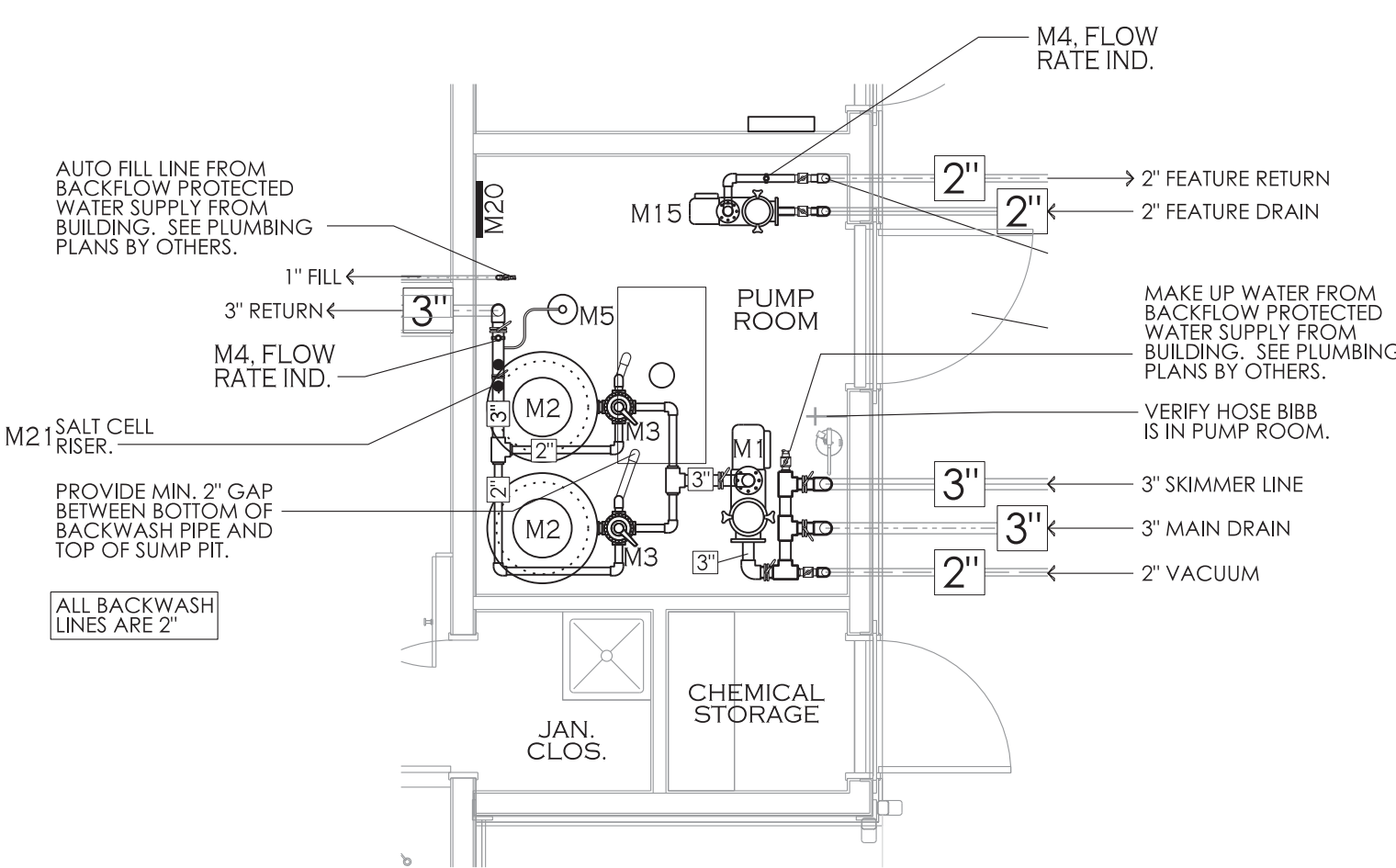


NOTE:
PIPE CONNECTIONS TO ALL
SKIMMERS, VACUUM LINES
AND INLETS TO BE 2" PIPE
UNLESS NOTED OTHERWISE.
DESIGNATION NOT SHOWN
FOR CLARITY OF DRAWING.



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



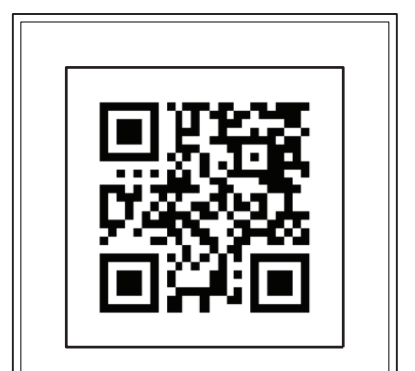
SP2 ENLARGED PUMP ROOM PIPING LAYOUT
.2 SCALE: 1/4" = 1'-0"

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 SUNSHIELD
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.



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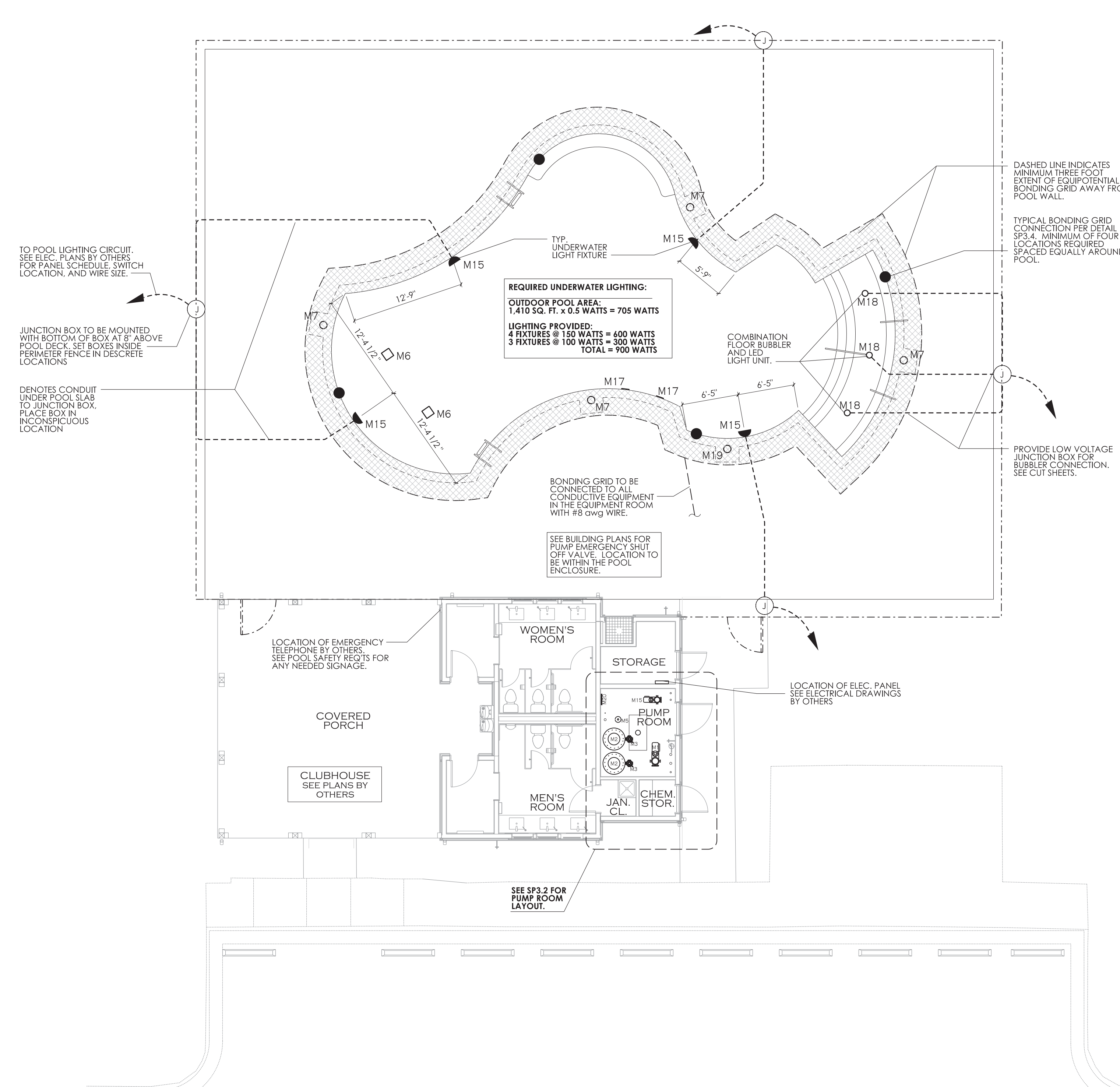


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	PROJECT ENTERED INTO COMPUTER
	CD PROGRESS SET
	CD PERMIT SET

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

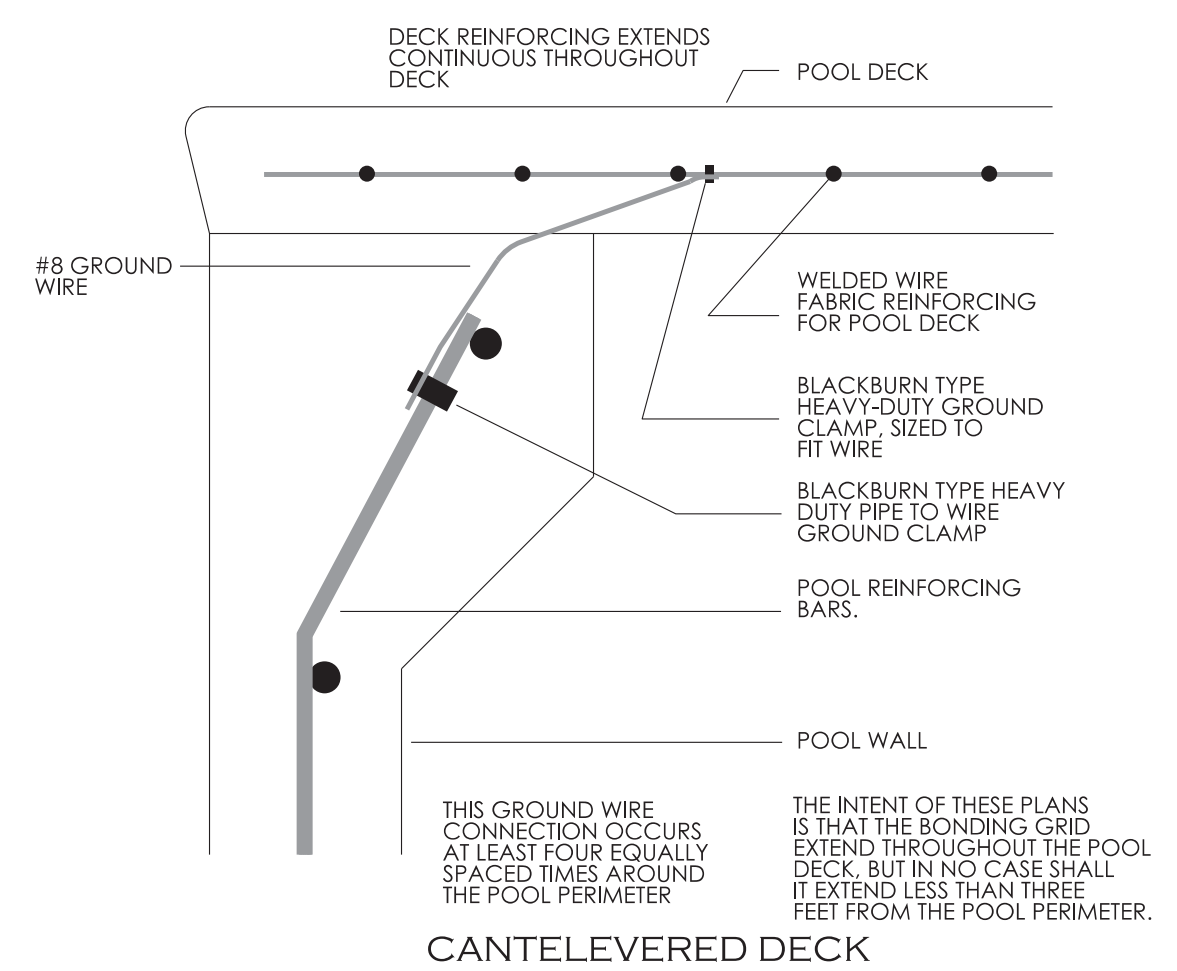




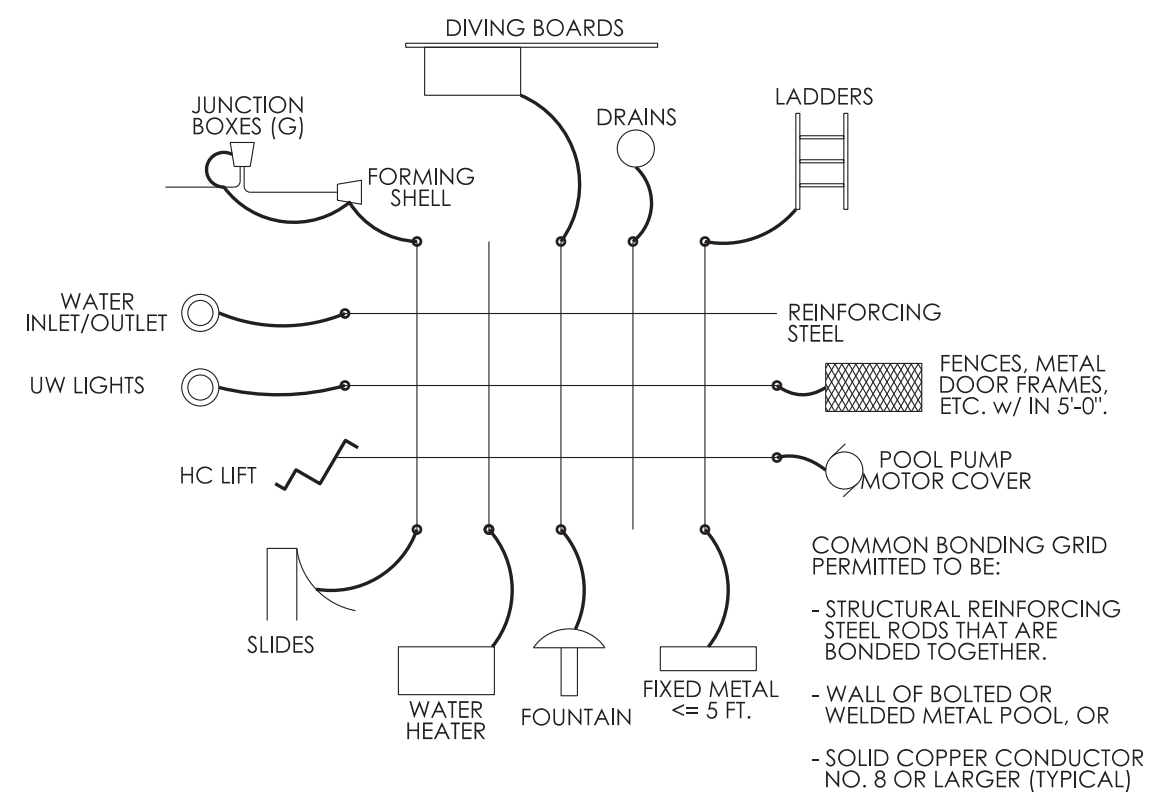
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BATHER LOAD:	94 BATHERS
MAIN DRAINS:	(2) 3" MAIN DRAIN LINE 3" MAIN RETURN LINE
INLETS:	7 REQ'D, 7 WALL PROV. 3" MAIN RETURN LINE
SKIMMERS:	(4) 3" MAIN SKIMMER LINE
FILTER TYPE:	HIGH RATE SAND
FILTER SIZE, PROV.:	(2) @ 5.0 SF EACH, 10.0 TOTAL
FILTER 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 SOURCE:	IN-LINE, AUTO FILL

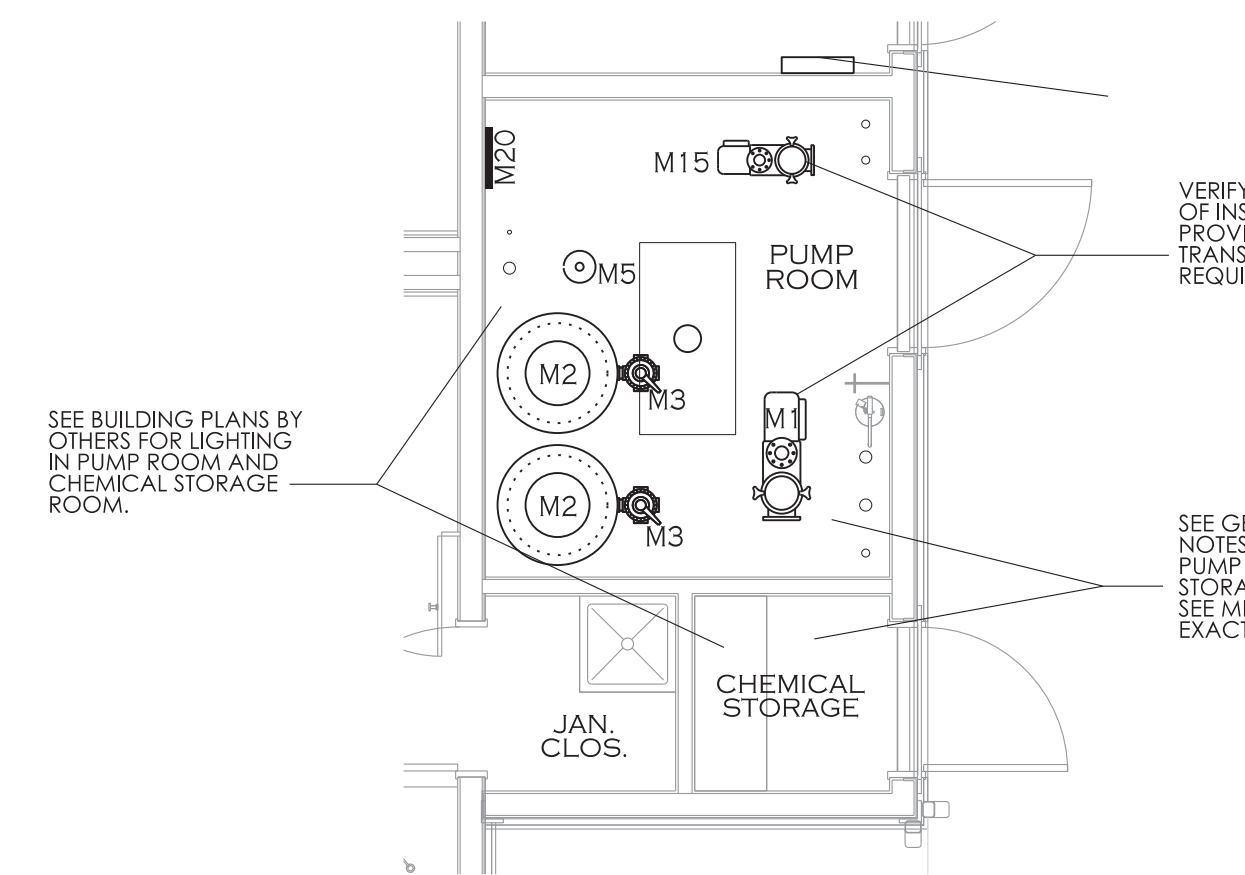
SP3 POOL LIGHTING LAYOUT
 .1 SCALE: 1/8" = 1'-0"



SP3 .4



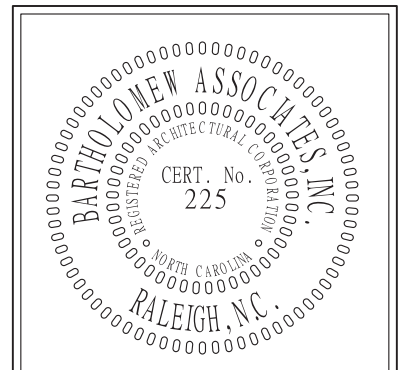
SP3 .3



SP3 .2

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.



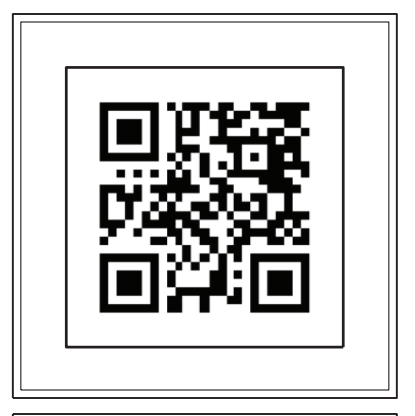
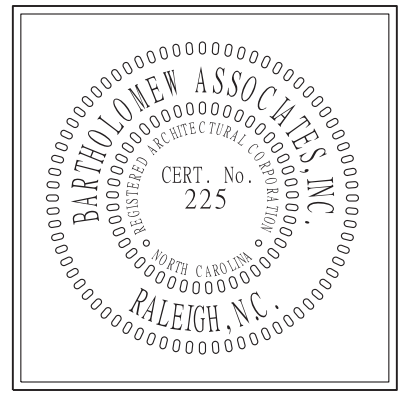
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NO.	COMMENTS/REVISIONS	DATE
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	CD PROGRESS SET	08/20/24
	CD PERMIT SET	08/28/24

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

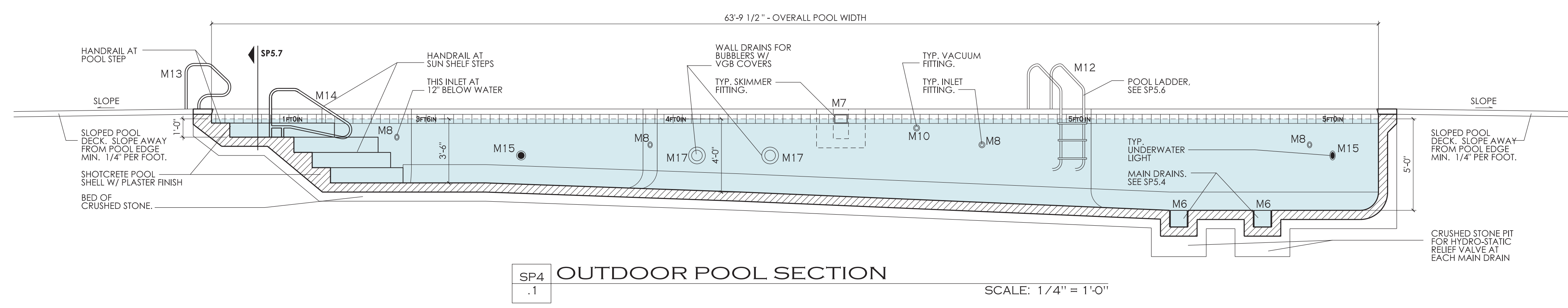
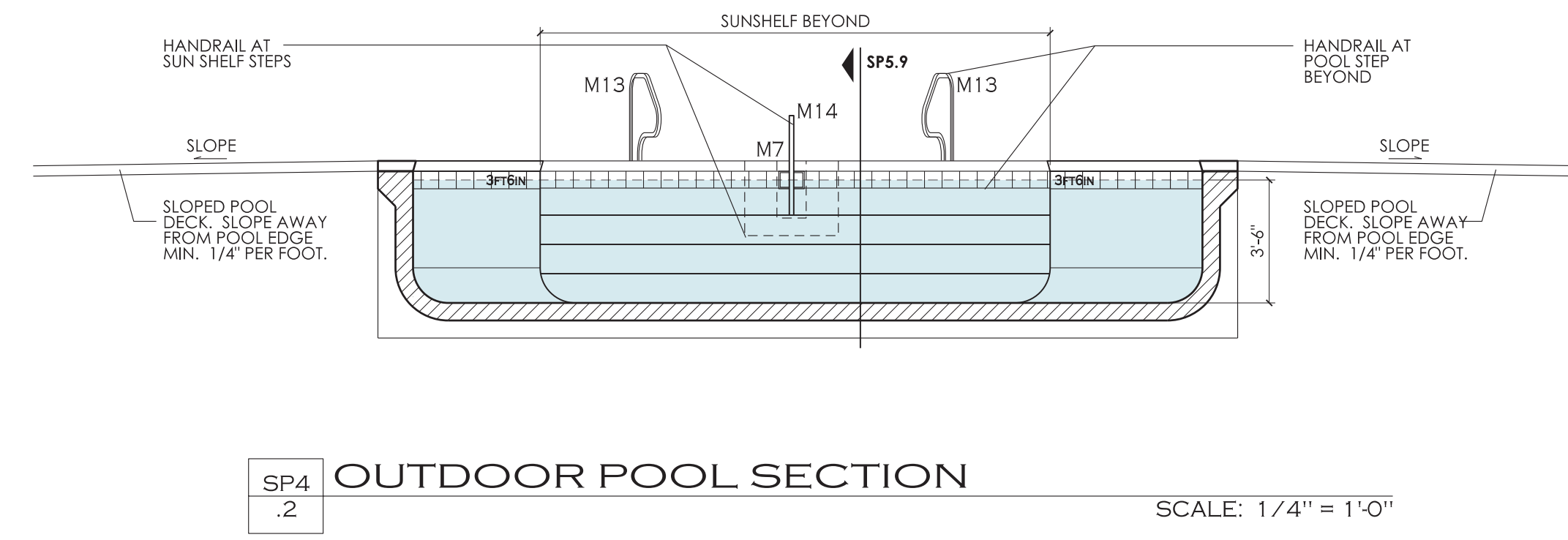
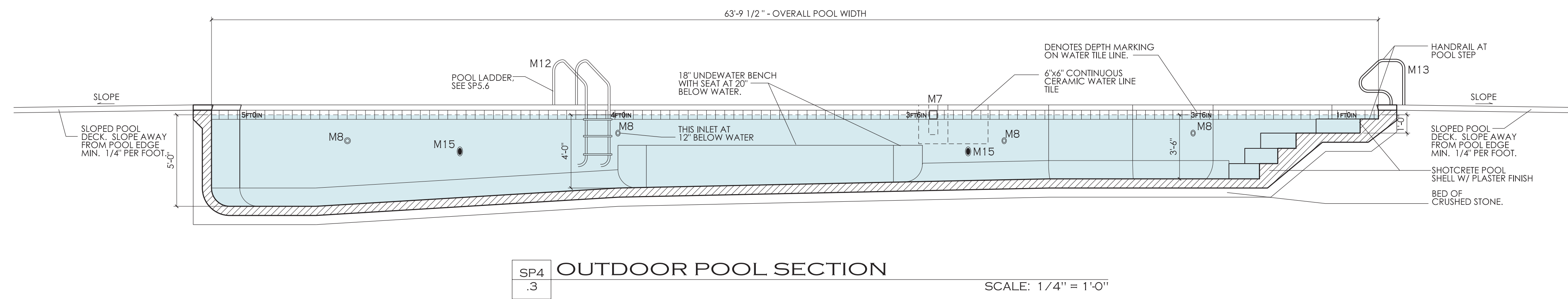
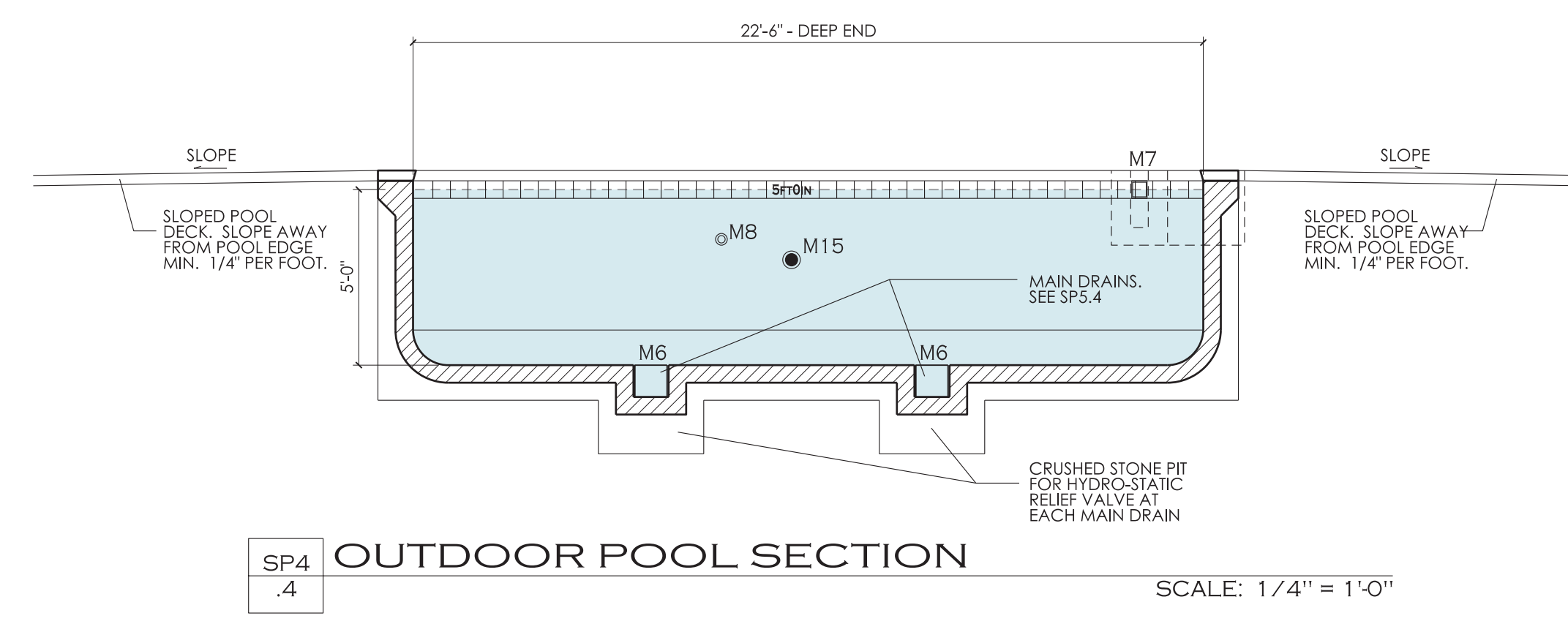




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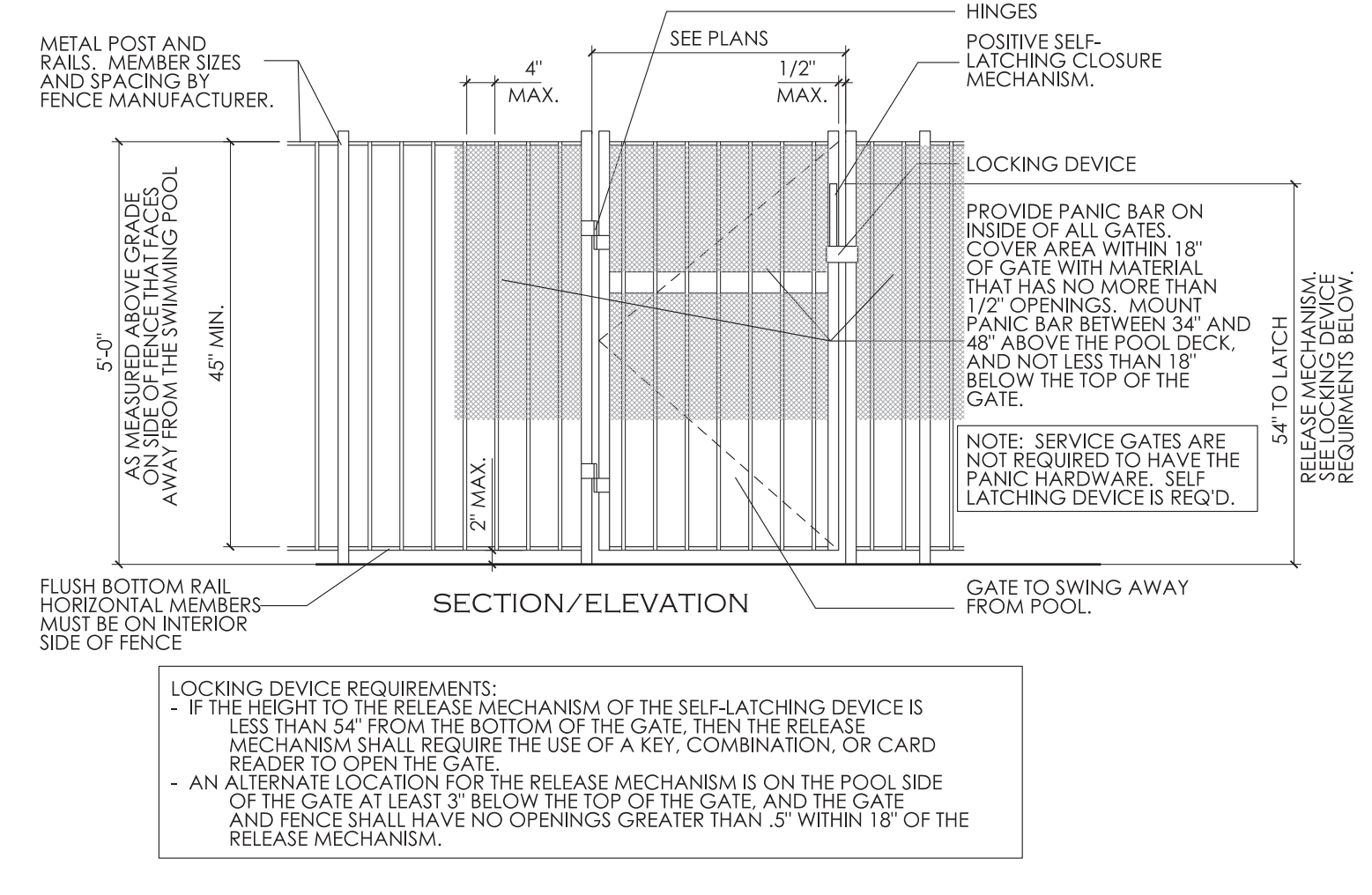
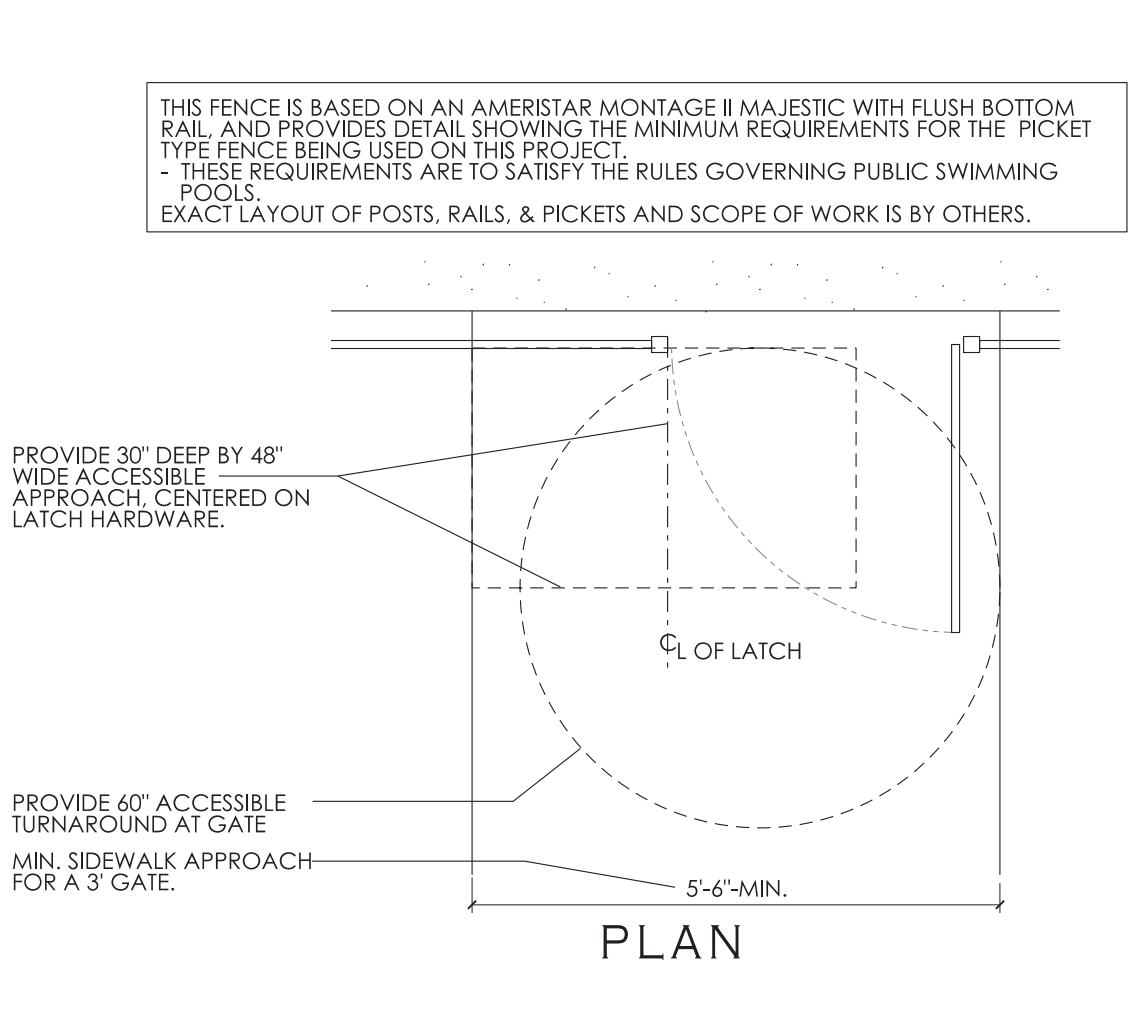
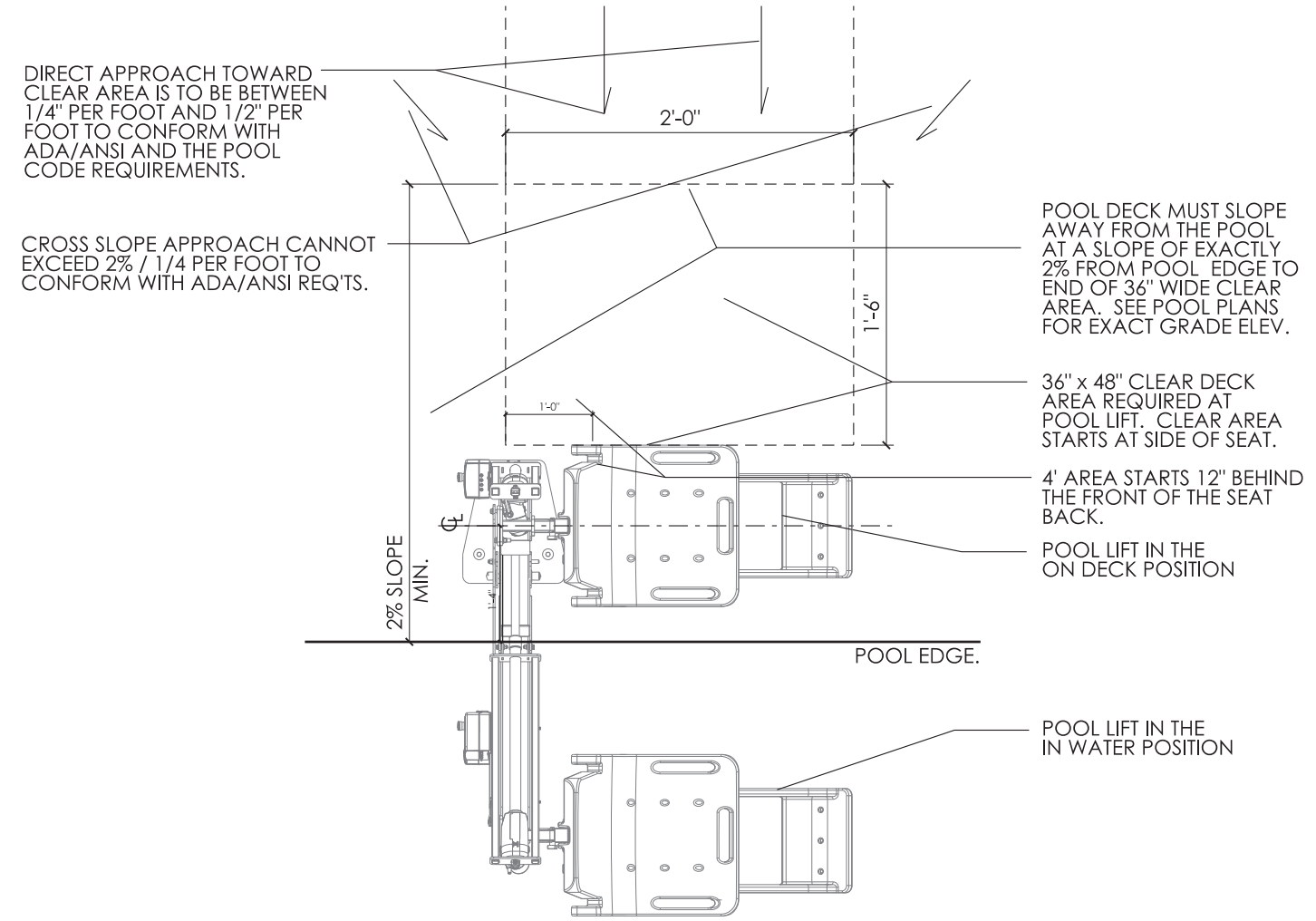
WILLIAM G. SPENCER, JR.
 7473
 8-28-24



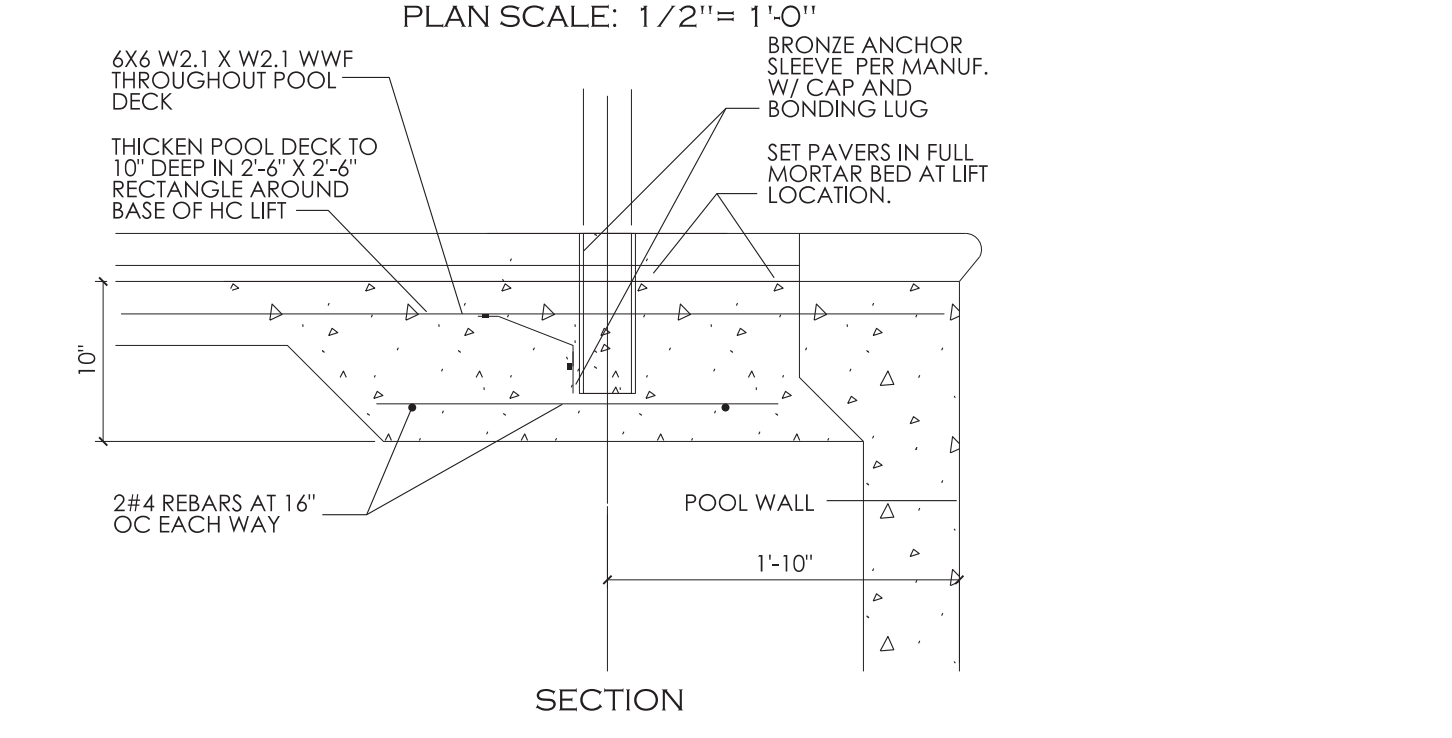
NO.	COMMENTS/REVISIONS	DATE
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SWIMMING POOL
 FOR
 CAMDEN PLACE
 36 HANK WAY
 ANGLIER, NC 27501
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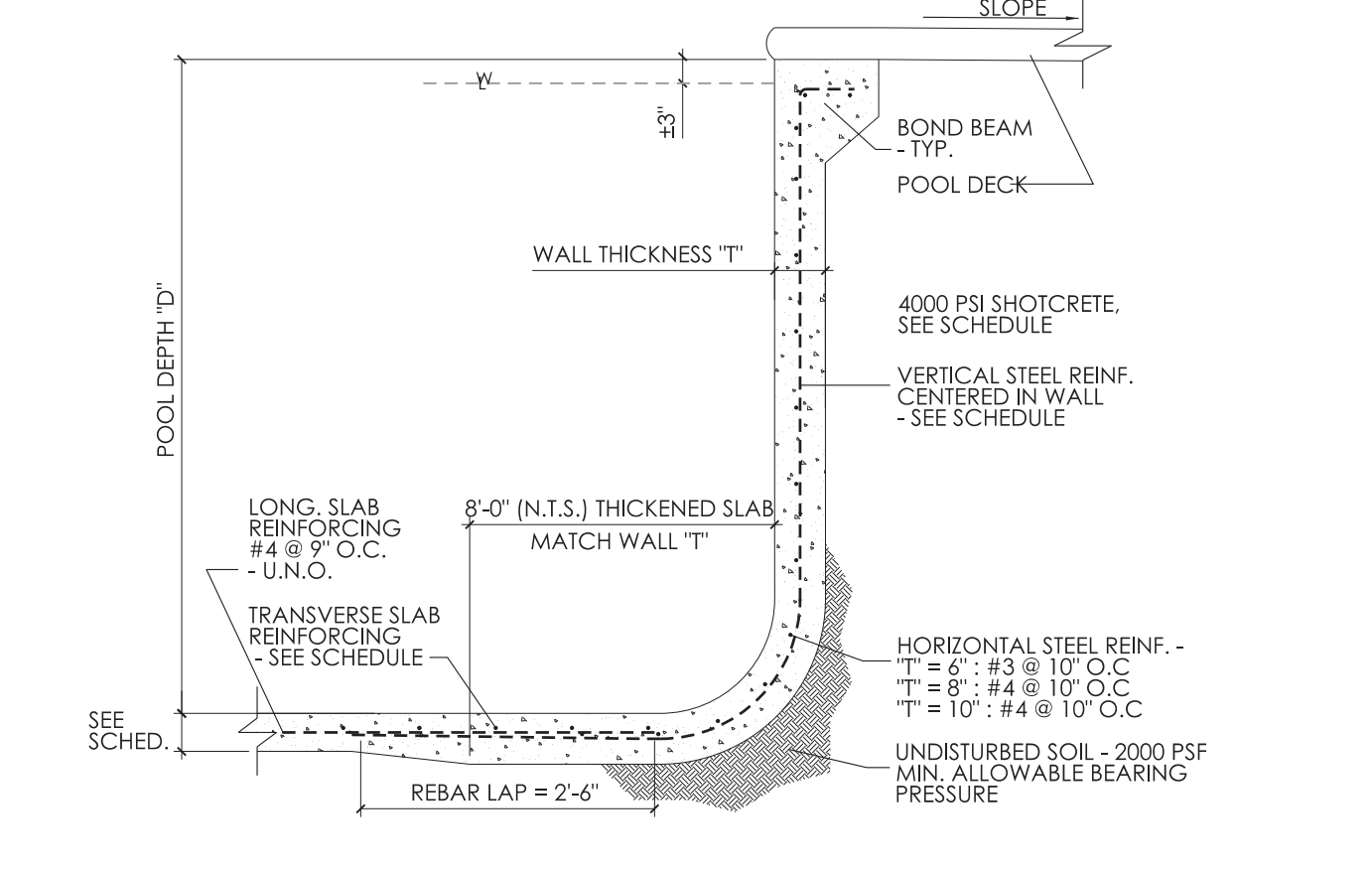


SP5 GATE AND FENCE DETAIL SCALE: 1/2" = 1'-0"

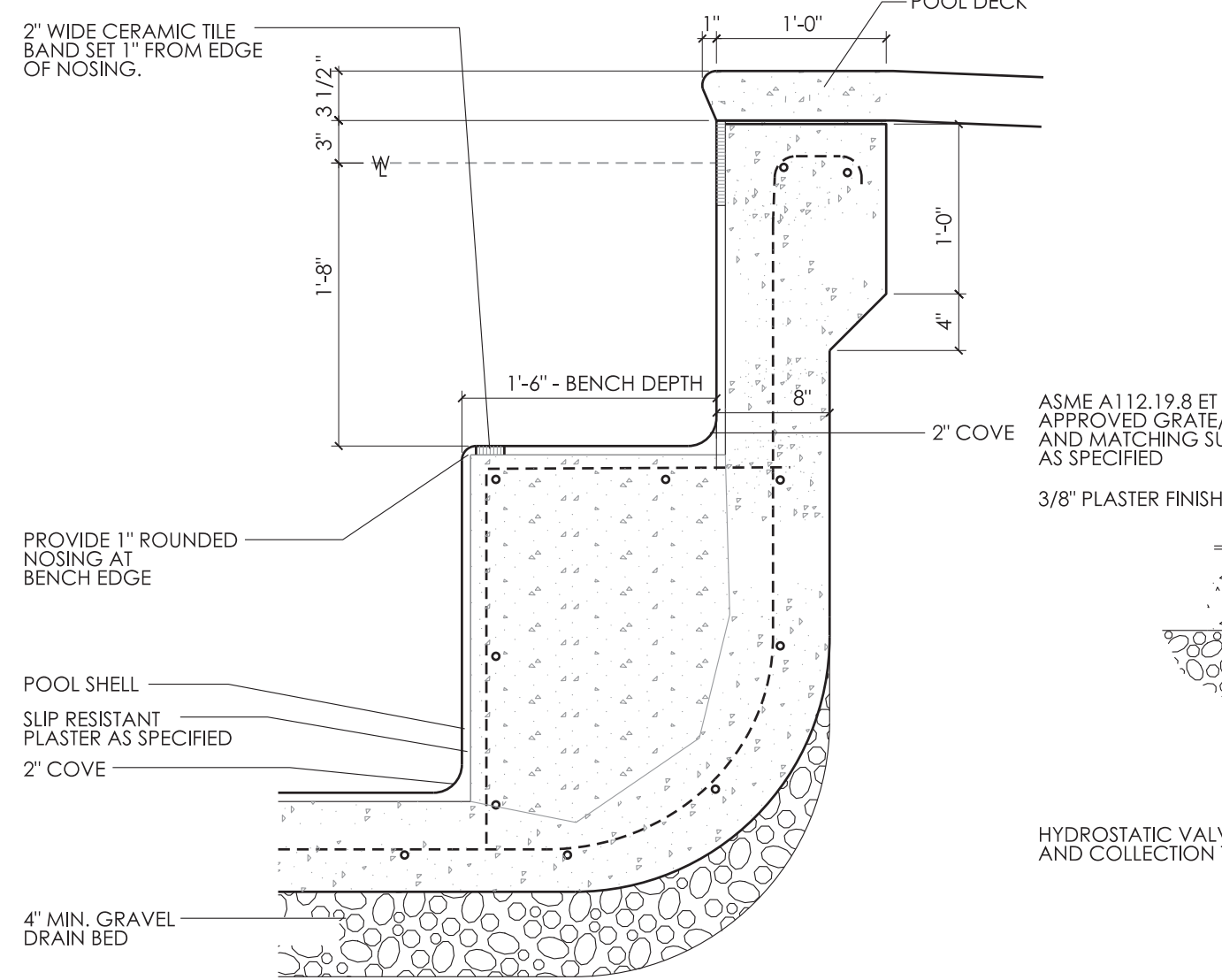


SP5 SWIM LIFT INST. DETAIL SCALE: 1" = 1'-0"

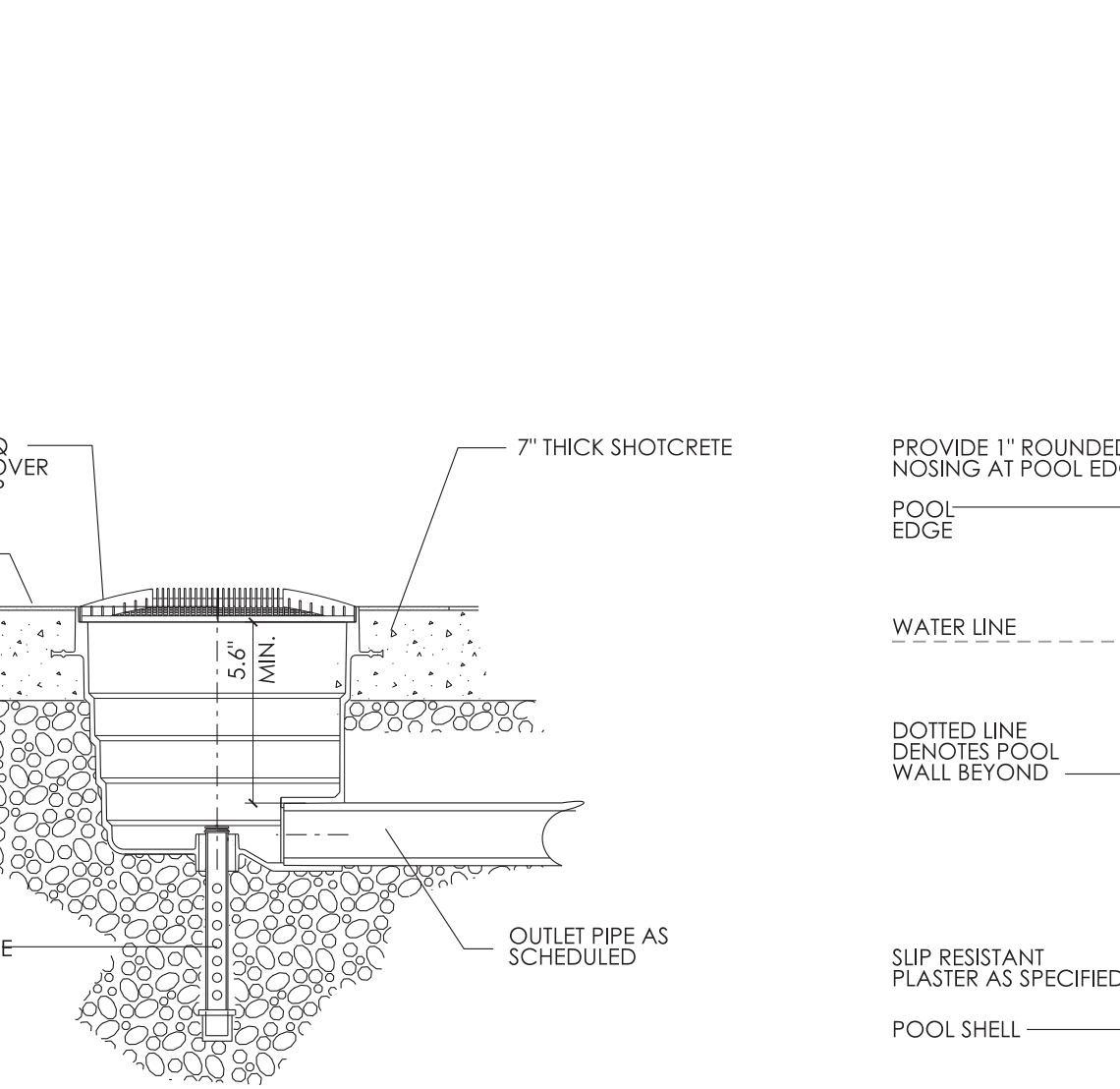
POOL REINFORCING SCHEDULE					
DEPTH (D')	≤ 4'-0"	≤ 6'-0"	≤ 7'-6"	≤ 9'-0"	≤ 10'-0"
THICKNESS (T)	8"	8"	10"	10"	10"
VERTICAL STEEL	#4 @ 9" O.C.	#4 @ 9" O.C.	#5 @ 9" O.C.	#6 @ 9" O.C.	#7 @ 9" O.C.
SLAB	#4 @ 9" O.C.	#4 @ 9" O.C.	#4 @ 9" O.C.	#4 @ 9" O.C.	#4 @ 9" O.C.



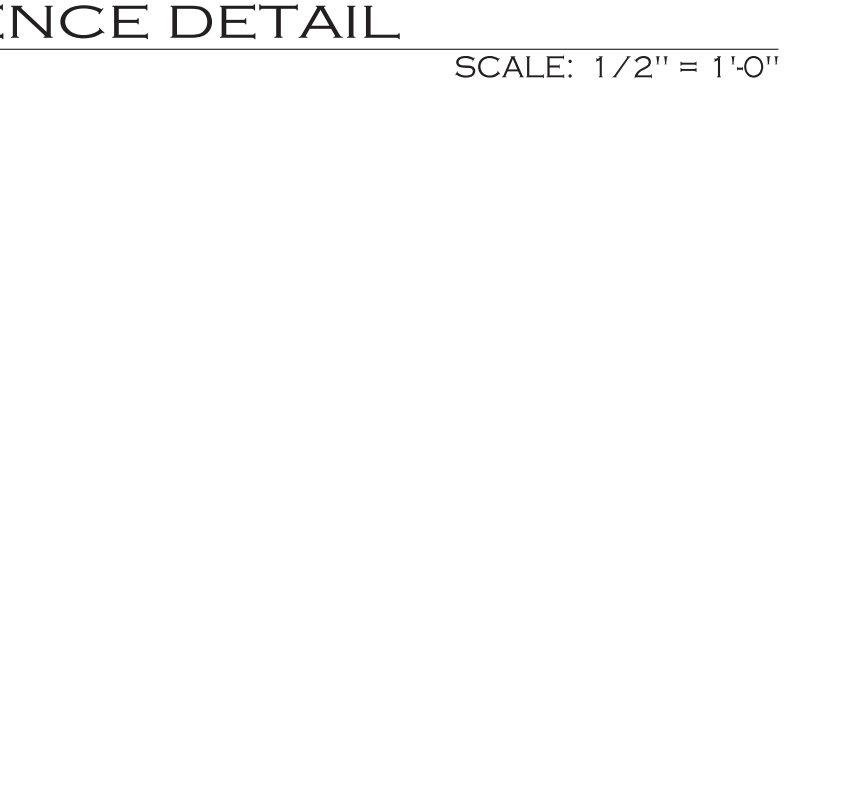
SP5 STRUCTURAL POOL SECTION .11 TYPICAL SCALE: 1/2" = 1'-0"



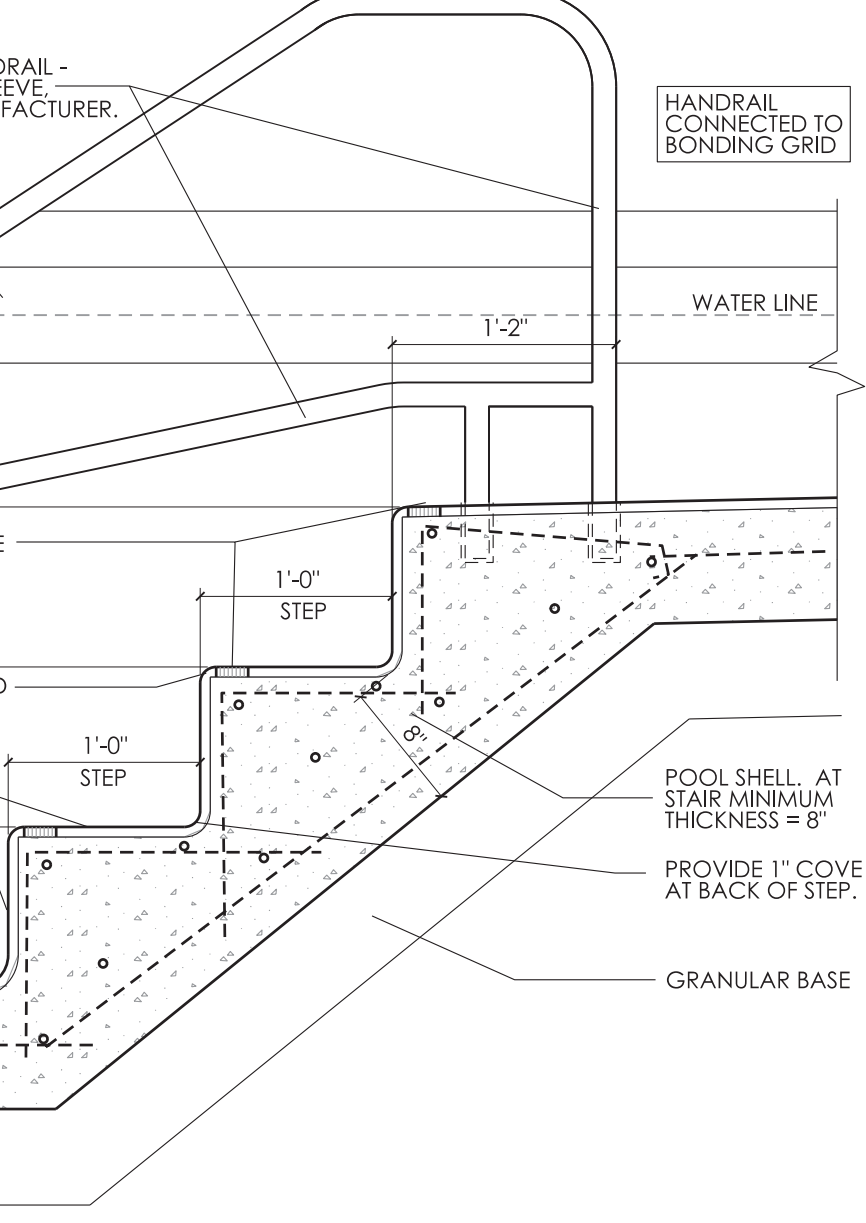
SP5 BENCH SECTION .5 SCALE: 1" = 1'-0"



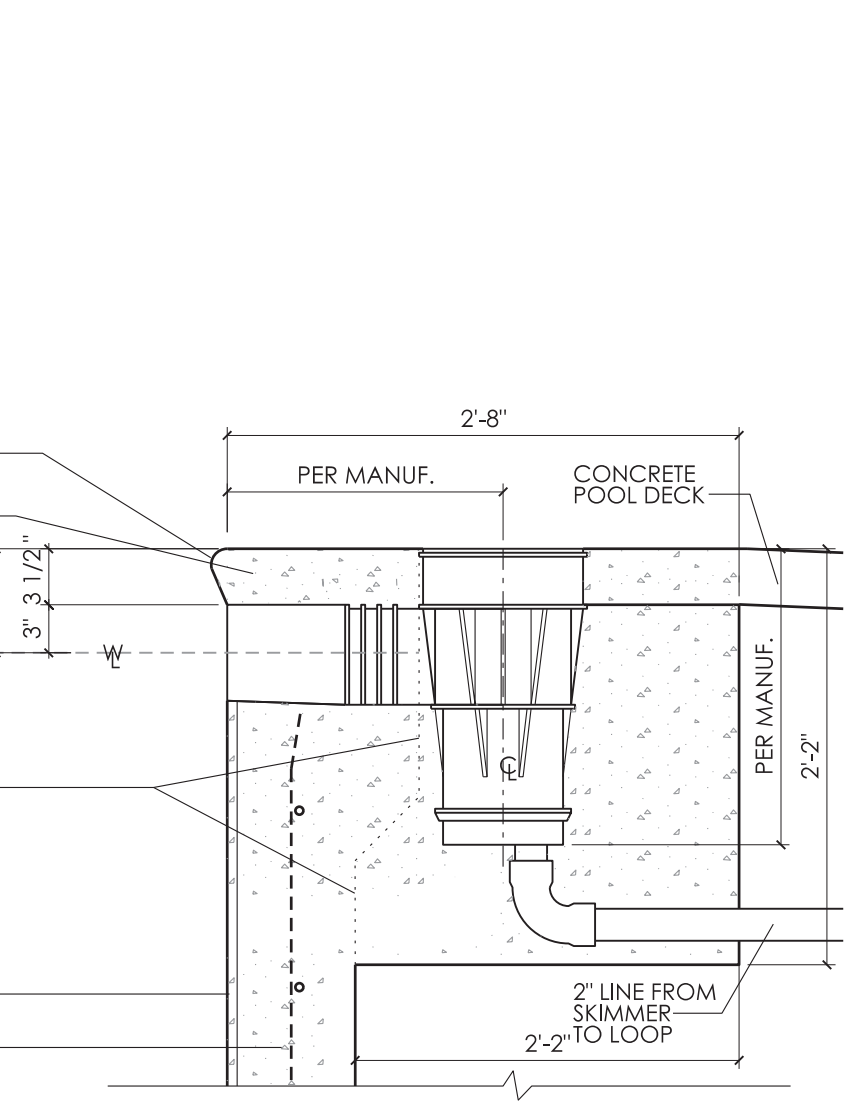
SP5 MAIN DRAIN DETAIL .4 SCALE: 1" = 1'-0"



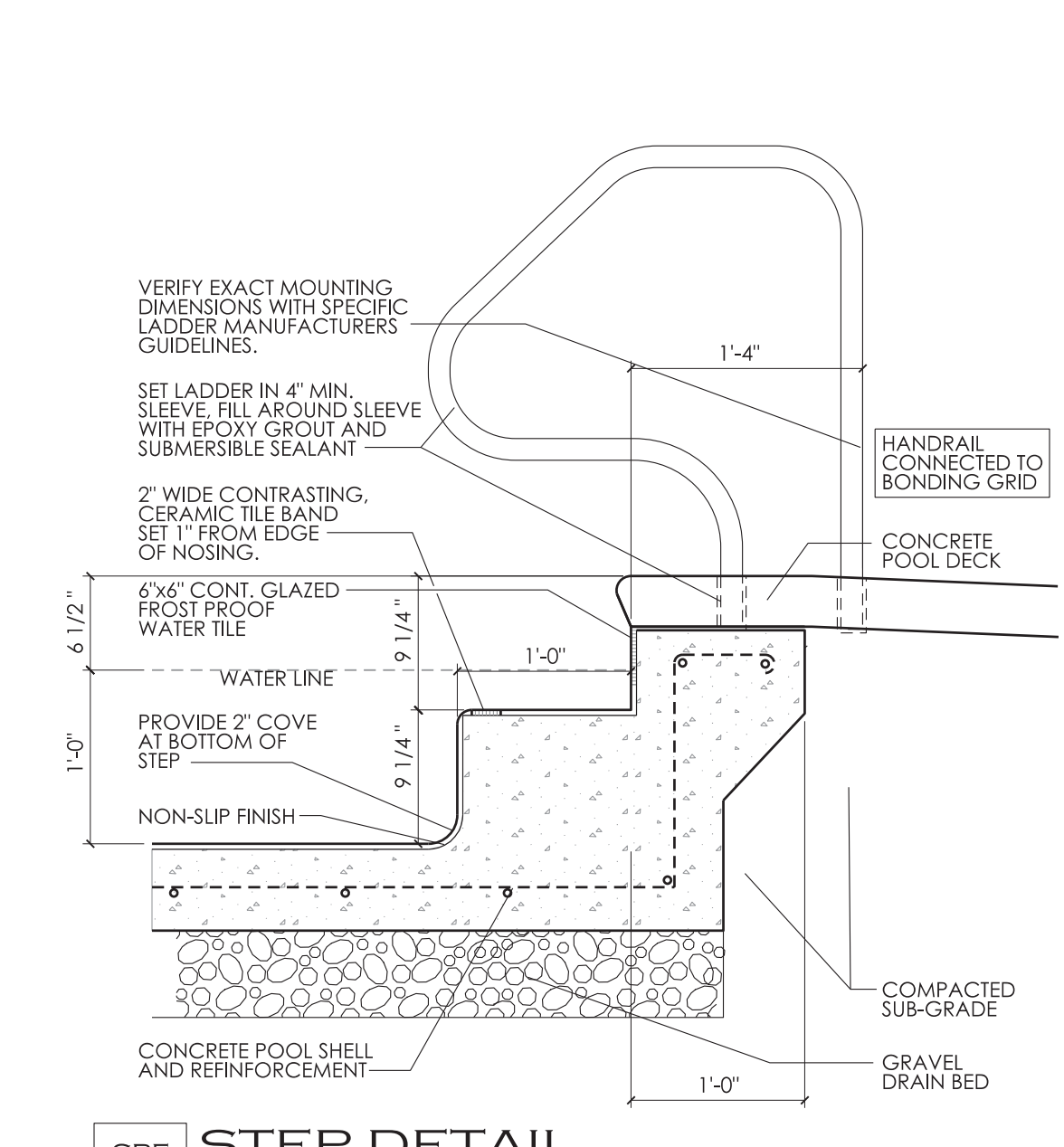
SP5 POOL STAIR SECTION .9 SCALE: 1" = 1'-0"



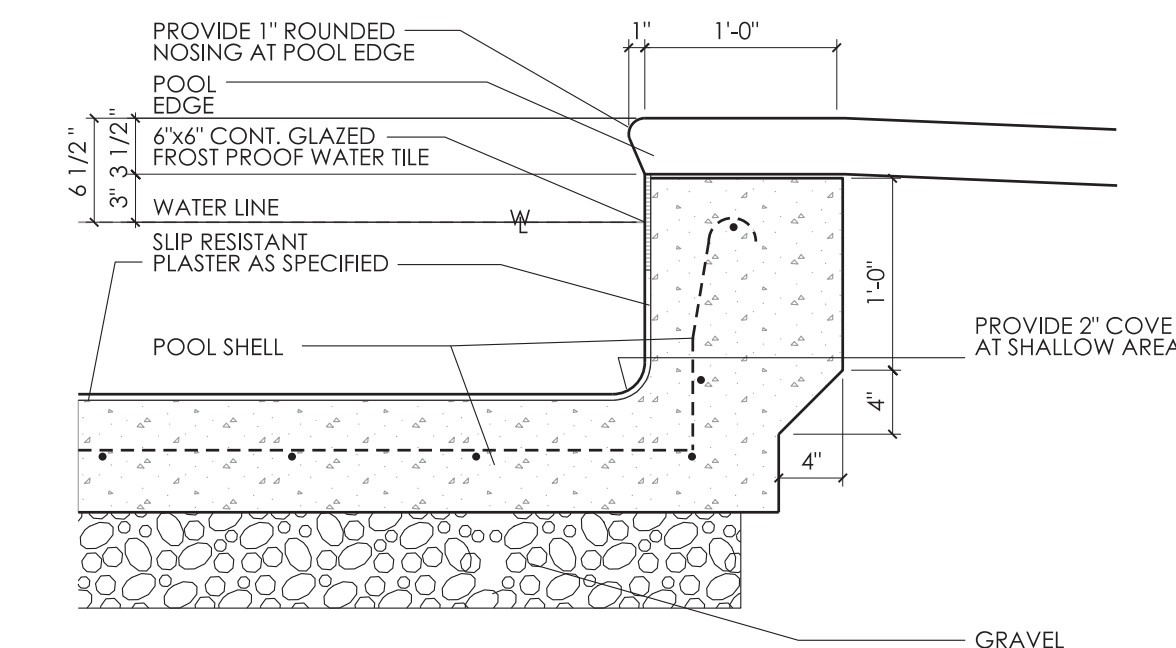
SP5 POOL STAIR SECTION .9 SCALE: 1" = 1'-0"



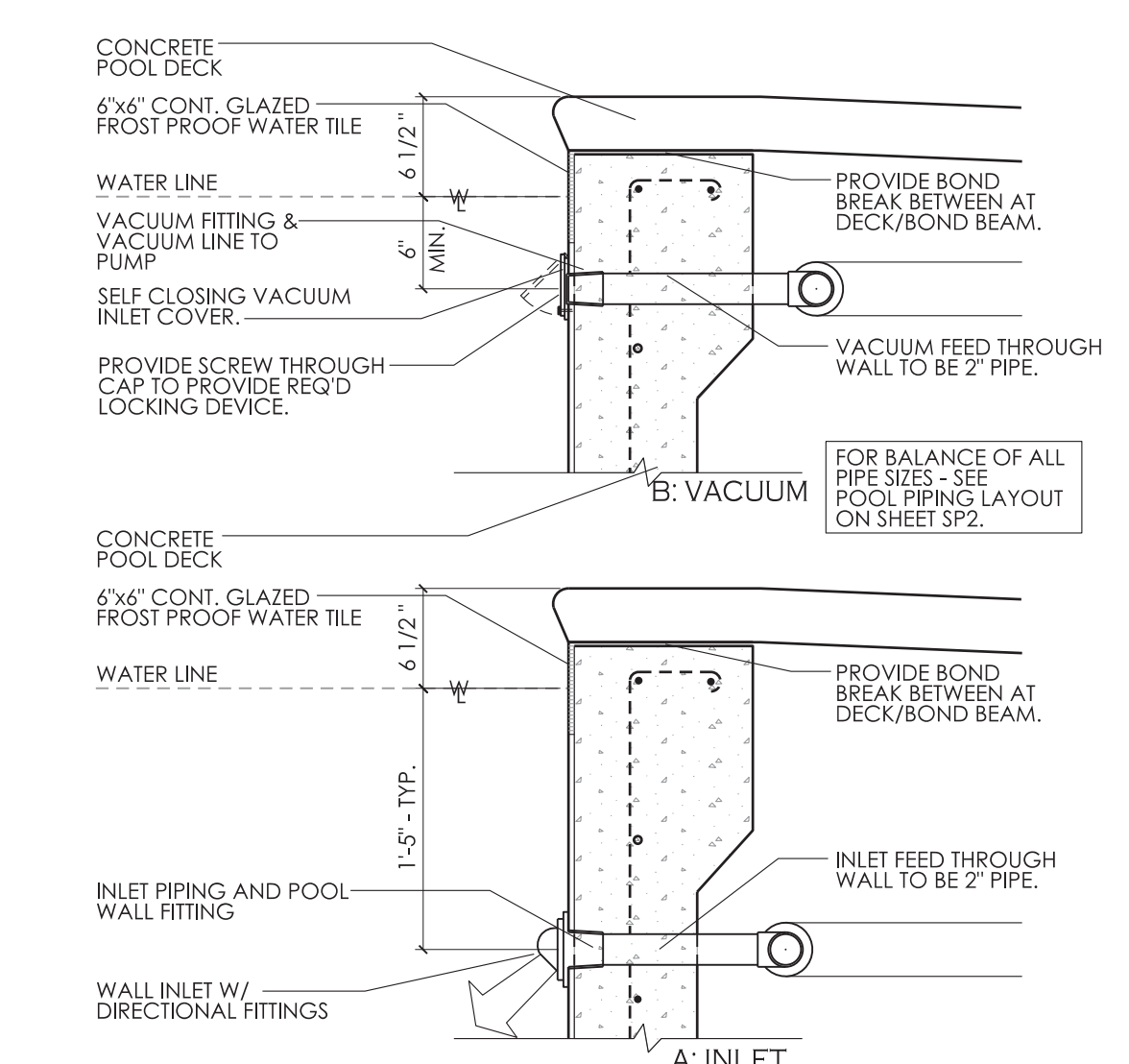
SP5 SKIMMER DETAIL .3 SCALE: 1" = 1'-0"



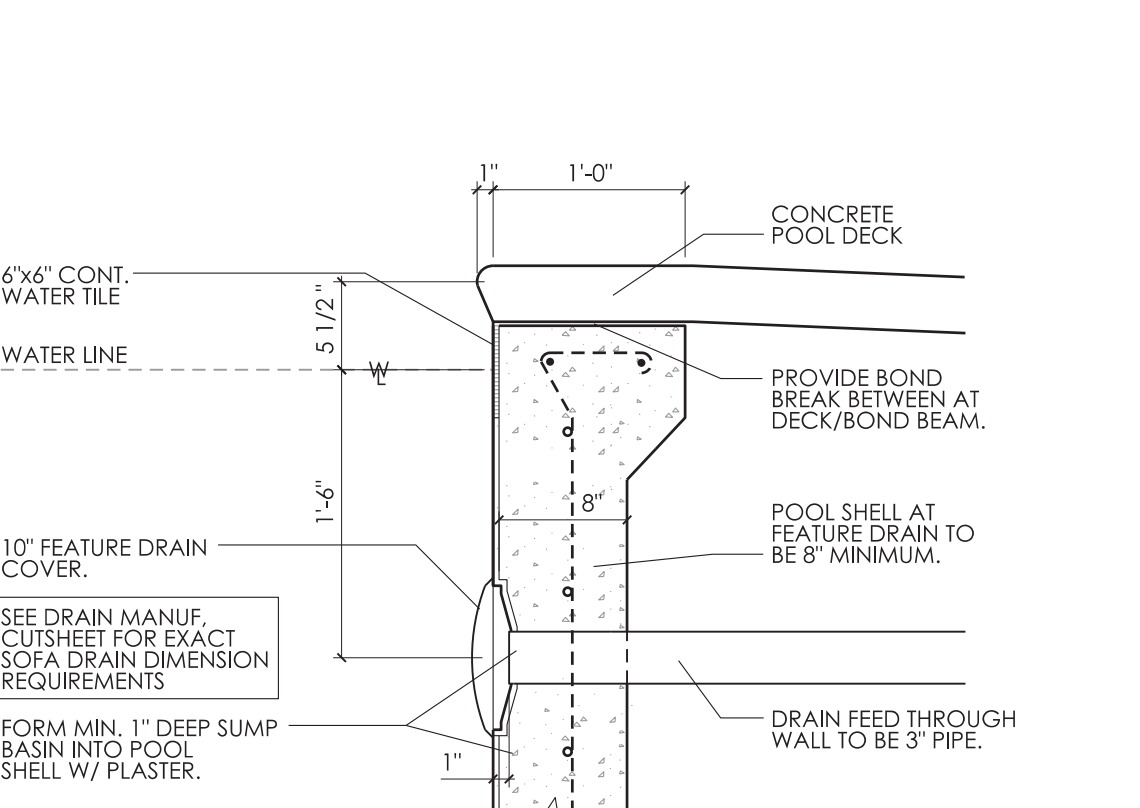
SP5 WALL SECTION .8 SCALE: 1" = 1'-0"



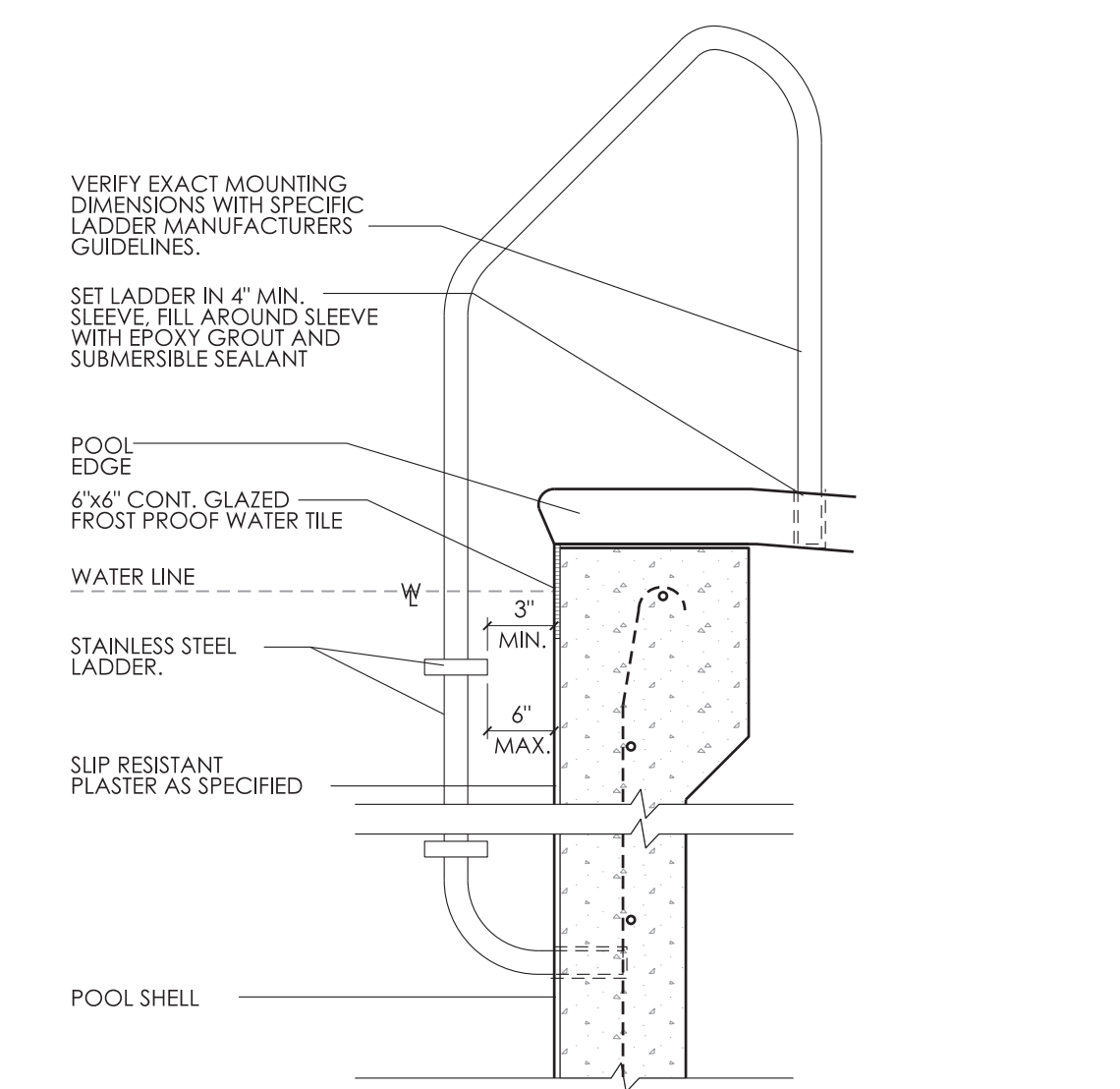
SP5 WALL SECTION .7 SHALLOW WATER SCALE: 1" = 1'-0"



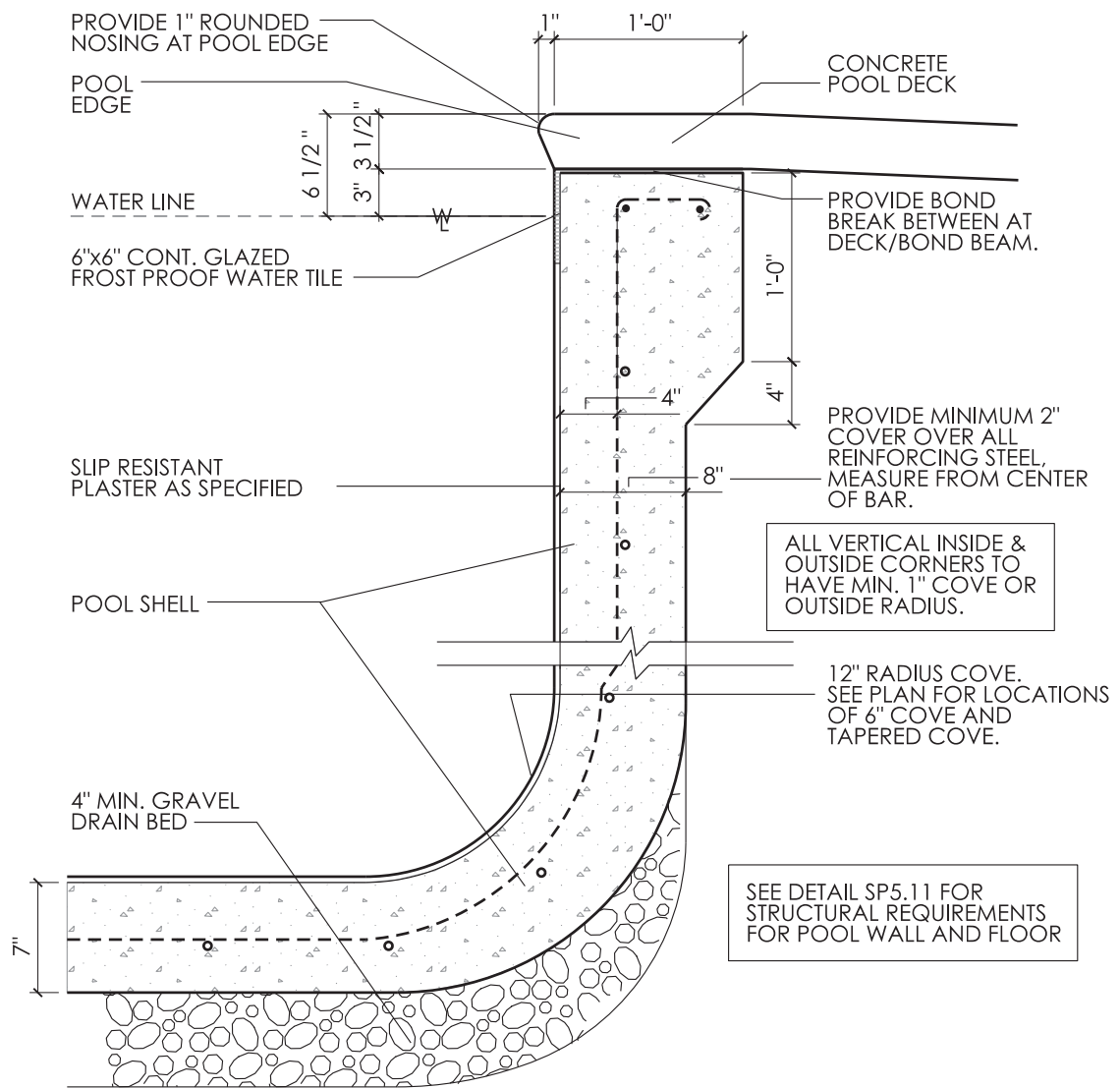
SP5 PIPING DETAILS .2 SCALE: 1" = 1'-0"



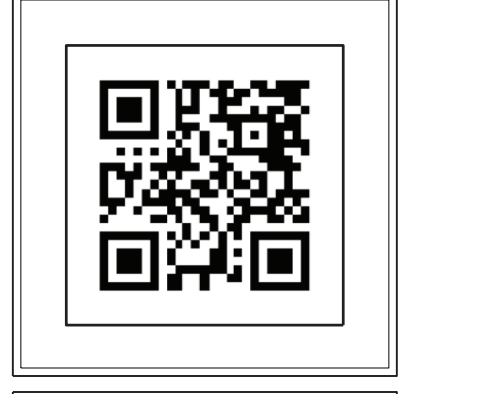
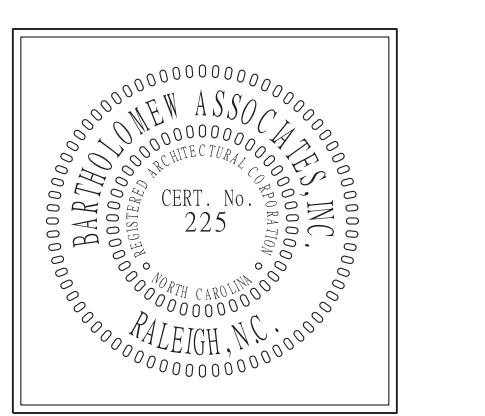
SP5 WALL SECTION .10 FEATURE DRAIN DETAIL SCALE: 1" = 1'-0"



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

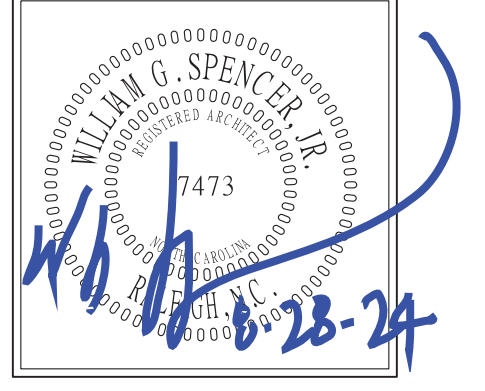


SP5 POOL WALL SECTION .1 TYPICAL SCALE: 1" = 1'-0"



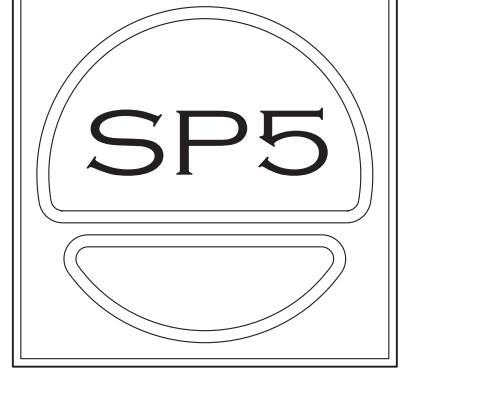
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SWIMMING POOL
 FOR
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HAYWARD

TriStar[®] VS 950

Variable-Speed Pump

SIMPLE INSTALLATION WITH QUIETER-THAN-EVER PERFORMANCE

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.

INDUSTRY-LEADING ENERGY EFFICIENCY

As a member of the TriStar[®] VS family—the most energy-efficient pumps in their class—TriStar VS 950 saves pool owners up to \$1,000 per year. Its ENERGY STAR rating means local energy rebates may apply, too.

DESIGNED FOR DURABILITY

Built with a chemical-resistant Viton[®] seal and accompanied by a 4-year extended warranty, TriStar VS 950 offers powerful corrosion protection for years of reliable performance.

SEAMLESS RETROFITTING

With dual-voltage capabilities, two pump base options and 2" x 2 1/2" CPVC union connections, TriStar VS 950 is easy to install in both new and existing pool pads and doesn't require costly rewiring.

EXPERT LINE ONLY FROM POOL PRO

SPECIFICATIONS					
MODEL NUMBER	TOTAL HP	VOLTAGE	WEIGHTED ENERGY FACTOR (WEF)	UNION CONNECTIONS	WARRANTY
SP295VSP	2.7	115/230V	10.1/3.0	2" x 2 1/2"	4 years**

**When used by a Total Hayward[®] partner. Exclusions, other terms and conditions may apply—visit hayward.com for details.

TRISTAR VS 950 DIMENSIONS (INCHES)

TRISTAR VS 950 PERFORMANCE COMPARISON

TriStar VS 950 pumps are listed by NSF.

HAYWARD

COMMERCIAL AQUATICS

HCF Series SAND FILTERS

5 YEAR

NSF

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 preventing 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 mainway design simplifies operation and improves durability.

DIMENSIONS	
FILTER MODEL NUMBER	INSTALLATION CLEARANCE (INCHES)
HCF230	30"
HCF234	32"
HCF236	34"

TECHNICAL SPECIFICATIONS & PERFORMANCE DATA			
PART NUMBER	HCF230	HCF234	HCF236
Size of Fiberglass Sand Filter	30"	32"	34"
Filtration Area/ft ²	5.0	4.0	7.2
Filtration Rate (GPM)/ft ²	5-20	5-20	5-20
Filtration Flow Rate at 15 GPM/ft ² (GPM)	75	90	108
Filtration Flow Rate at 20 GPM/ft ² (GPM)	100	120	143
Backwash Flow Rate (GPM)	25-100	30-120	36-143
Maximum Working Pressure (PSI)	50	50	50
Installation Top Clearance	24"	24"	24"
Installation Side Clearance	4"	4"	4"
Inlet/Outlet Connections	2"	2"	2"
Carton Dimensions L x W x H (in.)	38 x 38 x 44	38 x 38 x 44	38 x 38 x 44
Carton Weight (lbs.)	88.0	100.0	120.0

COMMERCIAL FILTERS HYDRAULIC PERFORMANCE AND RECIRCULATION SYSTEMS

Commercial Filter Accessories

Hayward[®] Commercial Pool's HCF Series Sand Filters can be installed individually or configured in multi-filter banks to suit the filtration requirements of any swimming pool or spa. Hayward Multiport Valves simplify installation and operation and are engineered for maximum flow and minimal pressure drop. The six-position valves facilitate selection of filter, backwash, waste, rinse, closed or recirculate modes at the turn of a single lever.

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[®] Model 346

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.

NSF 50 CERTIFIED

FLOWVIS[®] MODELS

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	10-10	10-10	10-10	70-240	150-460	300-1000	600-800	
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

*FlowVis[®] model FV-8 is available only with FlowVis[®] Digital upgrade included. For accuracy of this model, refer to the FV-8 information in the FlowVis[®] Digital table below.

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.

SAVE TIME, REDUCE MANUAL HANDLING OF CHEMICALS

Whether you choose the freestanding Model 300 feeder or the in-line Model 320 feeder, Rainbow feeders will take the work and worry out of keeping your pool sparkling clean and ready to use.

MODEL 300 FEEDER

Chamber Capacity	Quantity	Weight
1" Tablet	99	3.5 lbs.
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*

ppm	10 ppm	13,400	17,500
@ 5 ppm	23,800	26,800	35,000
@ 2 1/2 ppm	47,600		

Dimensions: 17 3/4" x 5" x 10" • 17 3/4" x 5" x 10"

Service Clearance for Lid Removal: 19"

*Using 1" inhibitor tabs.

AVAILABLE FROM:

PENTAIR

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

MODEL 320 FEEDER

Chamber Capacity—1" Tablet Bottom Feed Top Feed

Quantity	Weight
99	3.5 lbs.
11	4.8 lbs.

Maximum Erosion in 24 Hours: 0.67 lbs. 1.75 lbs.

Treats Pool/Spa Size in Gallons per 24 Hours*

ppm	10 ppm	13,400	17,500
@ 5 ppm	23,800	26,800	35,000
@ 2 1/2 ppm	47,600		

Dimensions: 17 3/4" x 5" x 10" • 17 3/4" x 5" x 10"

Service Clearance for Lid Removal: 19"

*Using 1" inhibitor tabs.

AVAILABLE FROM:

PENTAIR

1420 HAWKINS AVE., SAUTEER, 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

For SOFA Specific Flow Ratings and specifications please scan QR code or visit www.aquastarpoolproducts.com/flowcode

FEATURES

- Certified, Listed, and Labeled in conformance with NSF/ANSI/CAN 50:2017 and NSF/ANSI/CAN 50 standards
- Early and safety retrofit to 9" square w/ deep frames
- Manufactured from superior UV-resistant engineered polymers
- 416 stainless steel screen
- 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

For SOFA Specific Flow Ratings and specifications please scan QR code or visit www.aquastarpoolproducts.com/flowcode

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. 2" NPT Plug
4. 3" Plug O-Ring
5. 2" NPT 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)

VGBA-2017 Flow Ratings, Sump Dimensions, Sump Flow Path Zone, and Head Loss Curves

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.

Cover Model Number: WAW9Rxxx

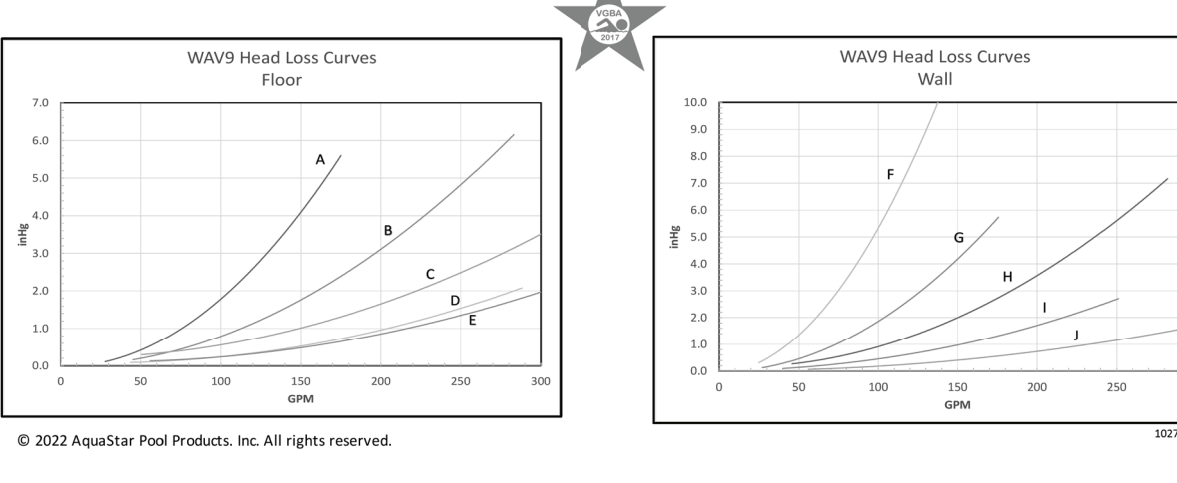
FIGURE 1 - SOFA MODEL FLOW PATH

FOR MOST CURRENT ORIENTATION SCAN THE QR CODE ON THE WWW.AQUASTARPOOLPRODUCTS.COM/FLOWCODE

A. Specified PVC Pipe Size
B. Minimum Sump Depth
C. Minimum Lidge Depth
D. Minimum Lidge Width
E. Minimum Pipe Offset
F. Minimum Length Before Reduction

SOFA Model No.	Pipe Size (Nominal)	Pipe Depth (Minimum)	Orientation (Wall / Floor)	Flow Rating (GPM)	Head Loss Curve
WAW9R9F-A-2b, B3, C1, 6, D0, 5, E2, 8, F16	2" (b)	3"	Floor (f)	140	A
WAW9R9F-A-2, 2b, B3, C1, 6, D0, 5, E2, 8, F16	2.5" (b)	3"	Floor (f)	226	B
WAW9R9F-A-3b, B3, C1, 6, D0, 5, E2, 8, F16	3" (b)	3"	Floor (f)	200	C
WAW9R9F-A-4, B5, 6, C1, 6, D0, 5, E1, 7, F16 (Sump P/N 9-35R)	4" (s)	5.6"	Floor (f)	224	D
WAW9R9F-A-4b, B5, 6, C1, 6, D0, 5, E1, 8, F16	4" (b)	9.8"	Floor (f)	280	E
WAW9R9W-A-1.5b, B3, C1, 6, D0, 5, E1, 8, F16	1.5" (b)	3"	Wall (w)	126	F
WAW9R9W-A-2b, B3, C1, 6, D0, 5, E2, 8, F16	2" (b)	3"	Wall (w)	140	G
WAW9R9W-A-2.5b, B3, C1, 6, D0, 5, E2, 8, F16	2.5" (b)	3"	Wall (w)	226	H
WAW9R9W-A-3b, B3, C1, 6, D0, 5, E2, 8, F16	3" (b)	3"	Wall (w)	200	I
WAW9R9W-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

Built in conformance with NSF 50 and SPS 3 standards

FEATURES

- Adjustable collar
- New see-through cover secures the slips in the new cover
- 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-duty PVC wear strip (no transitional glue required)
- 2 1/2" 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 girth eye roller cutouts with pre-drilled holes for tie use

Three lid options available (sold separately): round, square or snap-in round/square

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

132

Hayward Pool Vac Vac Lock - W400AWHP

Item # 110417

Color [White]

\$26.99 Compare At: \$29.99

Hayward Pool Vac Vac Lock - W400AWHP

M10

1473

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, 7 1/2" SUMP AND COVER/GRATE AND 2" HYDROSTATIC RELIEF VALVE - HAYWARD SPT056/1055	AQUASTAR WAW9R W/ WAW9R101S38
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 - FCS4-SB-MG
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-LOCK LED
M16	1.65 THP FOUNTAIN PUMP W/ MATCHING STRAINER, 15 GPM @ 65' F. 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-LOCK 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.	

M7

BAI ARCHITECTS ASSOCIATES, INC. CERT. No. 225 RALEIGH, NC

bai - ARCHITECTS

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

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WILLIAM G. SPENGLER, JR. ARCHITECTS, INC. 473

8-28-24

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



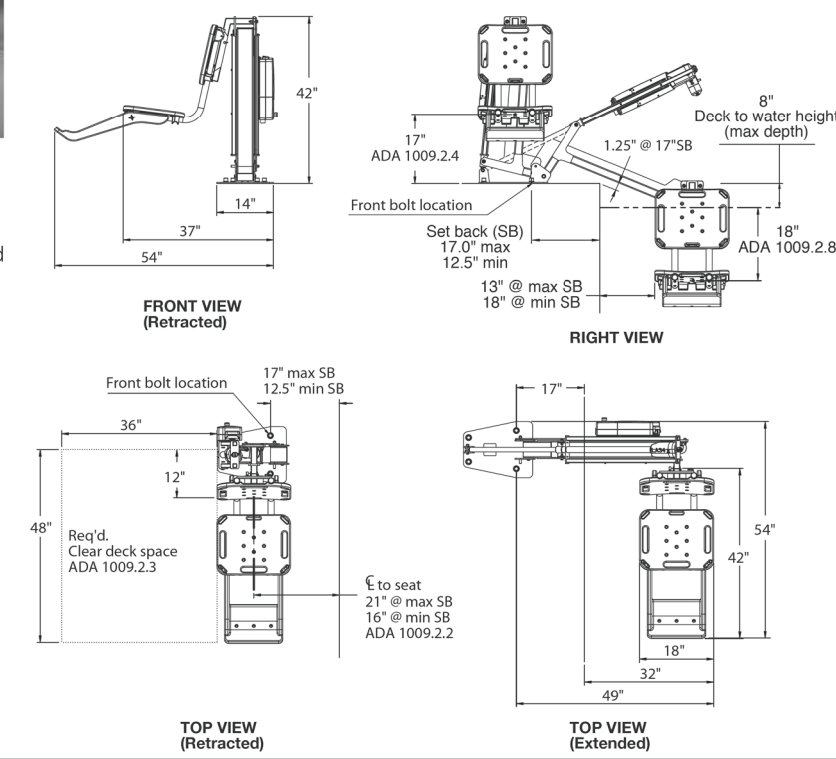
- multiLift™ is an adaptive pool lift platform that gives customers the flexibility to have either a fixed or removable lift in a single integrated design.
- 3rd party tested & verified ADA Compliant
- 350 lbs/159 kg lifting capacity
- Flange mounted with 4 anchor bolts
- Left or right side mounting
- 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.



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Commercial Ladder M12

M12



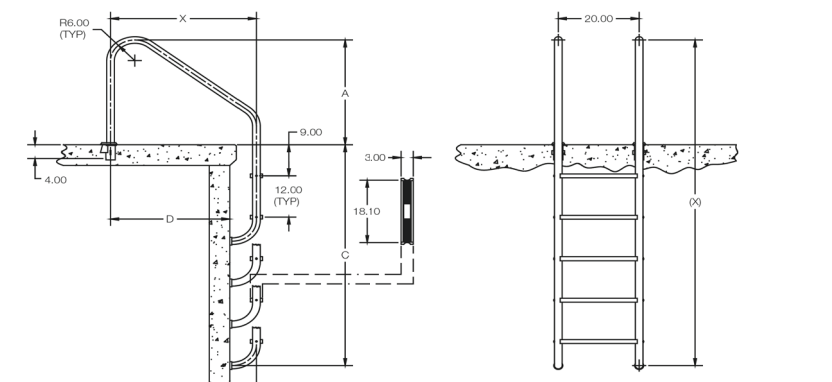
- * Tubing: 1.90" OD (1.50" OD available upon request)
- * Wall Thickness: .065"
- * Type: 304, 316L stainless steel
- * Bands: 6" radius
- * Stainless steel, LTDF-103 treads
- * Anchors and escutcheons sold separately

Model No.	Description
LF-V-2A	2-Step Ladder
LF-V-3B	3-Step Ladder
LF-V-4C	4-Step Ladder
LF-V-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-36-3B-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 add -PC for Rock Gray, -PW for White, or -TP for Teal to the part number when ordering. For SealedSteel add -WS for White, -GS for Pewter Gray, or -V for Teal to the part number when ordering.



MODEL NUMBER	A	B	C	D	(E)
LF-24-2A	28.00	24.00	28.00	17.00	34.00
LF-24-3B	28.00	24.00	40.00	17.00	46.00
LF-24-4C	28.00	24.00	52.00	17.00	58.00
LF-24-5D	28.00	24.00	64.00	17.00	70.00
LF-30-2A	30.00	30.00	28.00	23.00	34.00
LF-30-3B	30.00	30.00	40.00	23.00	46.00
LF-30-4C	30.00	30.00	52.00	23.00	58.00
LF-30-5D	30.00	30.00	64.00	23.00	70.00
LF-36-2A	31.00	36.00	28.00	29.00	39.00
LF-36-3B	31.00	36.00	40.00	29.00	49.00
LF-36-4C	31.00	36.00	52.00	29.00	61.00
LF-36-5D	31.00	36.00	64.00	29.00	73.00

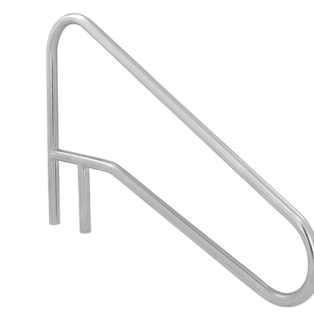
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ladders + rails

DMS-102 M14

M14

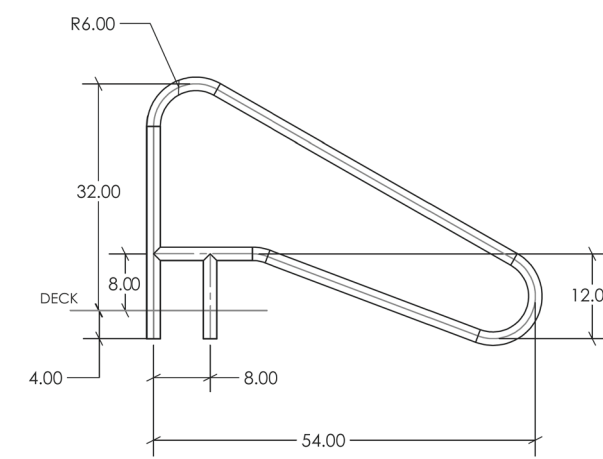


- * Tubing: 1.90" OD
- * Wall Thickness: .049", .065"
- * Type: 304, 316L stainless steel
- * Bands: All 6" Radius
- * DMS-102A available in Powder Coating and SealedSteel

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" w/welded mounting plate	19 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 add -PC for Rock Gray, -PW for White, or -TP for Teal to the part number when ordering. For SealedSteel add -WS for White, -GS for Pewter Gray, or -V for Teal to the part number when ordering.

- Powder Coated Colors**
- Pearl White
 - Teal
- SealedSteel Colors**
- Pearl White
 - Pewter Gray
 - Teal
- 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

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"

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"

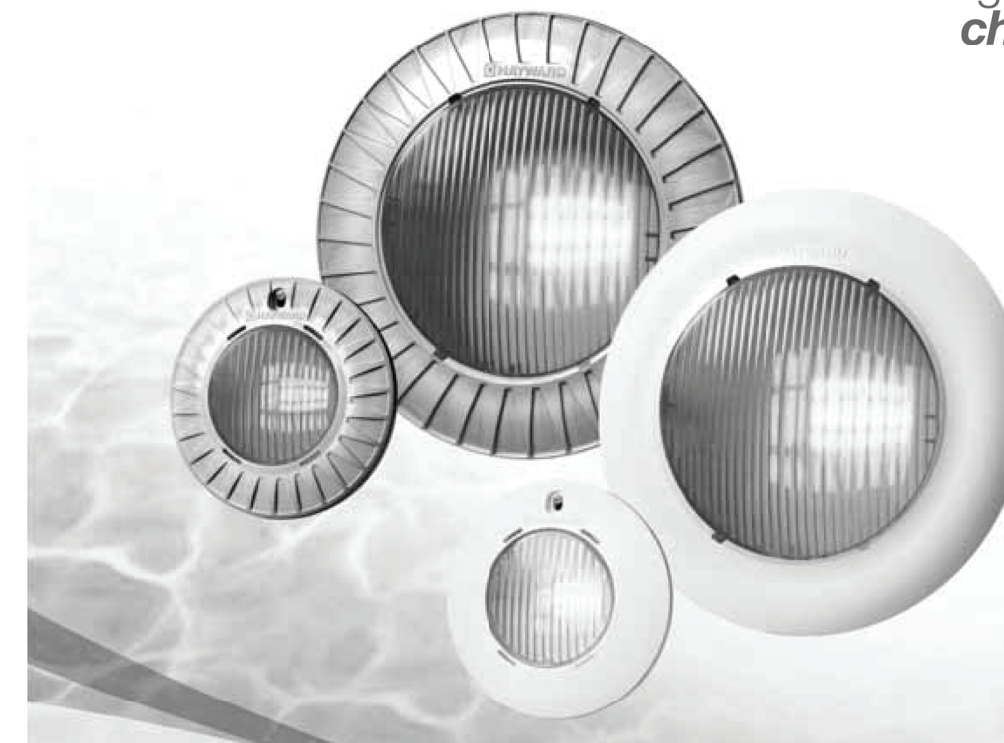
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M15

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
UCS11000	UCS11000	UCS11000	Pool	30'
UCS21000	UCS21000	UCS21000	Pool	60'
UCS31000	UCS31000	UCS31000	Pool	100'
UCS41000	UCS41000	UCS41000	Spa	30'
UCS51000	UCS51000	UCS51000	Spa	50'
UCS61000	UCS61000	UCS61000	Spa	100'
Universal CrystalLogic® White LED Lights				
CLS11000	CLS11000	CLS11000	Pool	30'
CLS21000	CLS21000	CLS21000	Pool	60'
CLS31000	CLS31000	CLS31000	Pool	100'
CLS41000	CLS41000	CLS41000	Spa	30'
CLS51000	CLS51000	CLS51000	Spa	50'
CLS61000	CLS61000	CLS61000	Spa	100'

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
LEB11195	LEB111000	Hayward	65W		
LEB11195S	LEB111000	Pentair®	65W		
LEB11195G	LEB111000	Intermatic®	65W		
LEB11195T	LEB111000	Thermcraft®	65W		
LEB11195Z	LEB111000	Intermatic	130W		
300W Wall Mount Pool Lighting Transformer					
LEB11300	LEB111000	Hayward	300W	Hayward	Pentair
Approved Lights					
LEF211000	Non Bonded, Non Grounded Low Profile Plastic Pool Niche for CrystalLogic	Universal ColorLogic and CrystalLogic	Pool		
LEG11000	Non Bonded, Non Grounded Plastic Spa Niche for CrystalLogic and CrystalLogic	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.

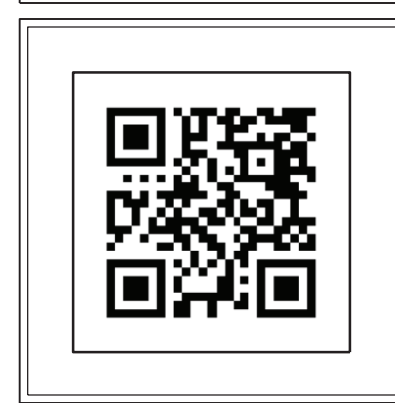
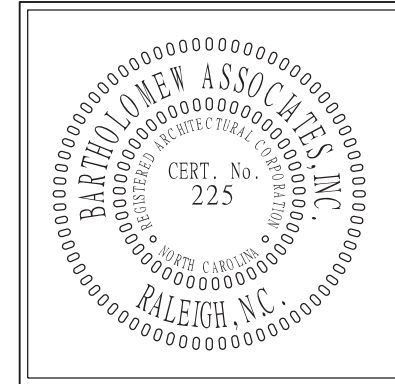
*Based on measured test data at time of print.



UL listed for safe installation in virtually any niche.

MAIN POOL EQUIPMENT SCHEDULE

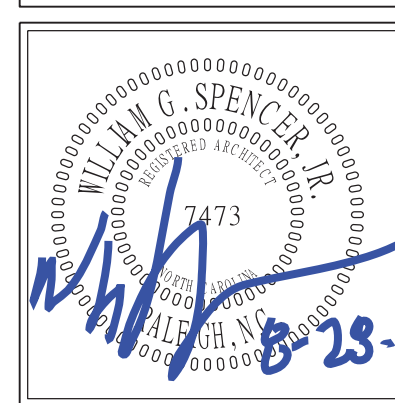
ITEM	DESCRIPTION	PRODUCT
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M2	30" DIA., HIGH RATE SAND FILTER WITH 5.0 S.F. MEDIA	HAYWARD -HCF230
M3	MULTIPOINT VALVE	HAYWARD -HCV272
M4	FLOW RATE INDICATOR	FLOWVIS
M5	EROSION CHLORINATOR	PENTAIR RAINBOW 320
M6	MAIN DRAIN, 3"X3" SUMP AND COVER/GRATE 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 W400AWHP
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-A10RCF6-101
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
M22	POOL CONTRACTOR SHALL VERIFY THAT POOL EQUIPMENT SCHEDULE AND CUT SHEETS MATCH BEFORE ORDERING ANY ITEMS OF EQUIPMENT.	



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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
 ANGLER, NC 27501

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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

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

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

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

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.

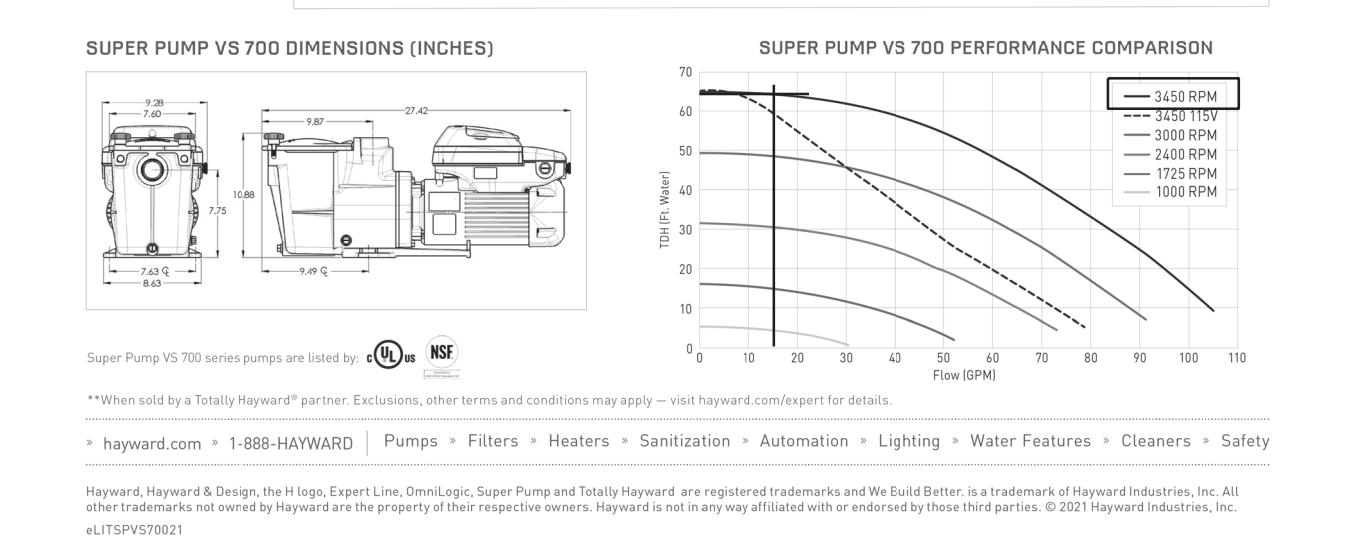
ENERGY-EFFICIENT DESIGN
Built with a chemical-resistant Viton seal and accompanied by a 3-year extended warranty, Super Pump VS 700 offers powerful protection for years of reliable performance.

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

EXPERT LINE NOT SOLD ONLINE

SPECIFICATIONS				
MODEL NUMBER	TOTAL HP	VOLTAGE	WEIGHTED ENERGY FACTOR (WEF)**	WARRANTY
SF247000VSP	1.65	115V/230V	10.916.0	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
CERTIFIED WATER TREATMENT EQUIPMENT

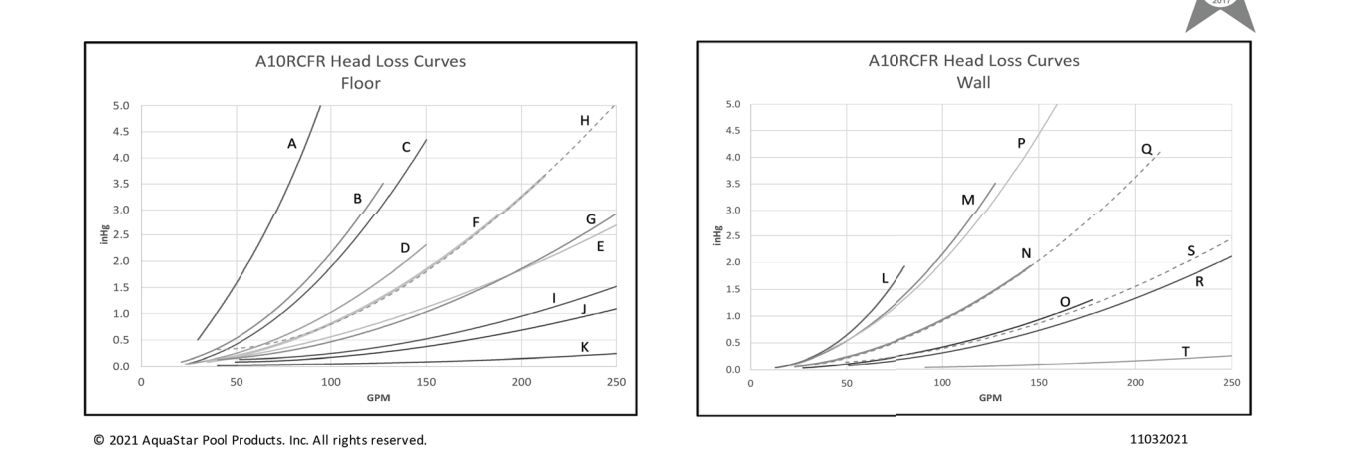
DIRECTIONS: Please follow the SOFA specific flow rates, sump specifications, and flow path zone information below. The installation must conform to these minimum/maximum requirements including the SOFA dimension defined in Figure 1. The flow path zone is defined by dimensions A through E. The installed 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

SOFA Model No.	Pipe Size (Nominal)	Pipe Length (Minimum)	Orientation (Wall / Floor)	Flow Rating (GPM)	Head Loss Curve	
A10RCFR10F_A-1_B0_C0_D0_E0_F16	1.5" (b)	0"	Floor (f)	63	A	
A10RCFR10F_A-20_B0_C0_D0_E0_F16	2" (b)	0"	Floor (f)	119	B	
A10RCFR10F_A-20_B0_C0_D0_E0_F16	2" (b)	1.6"	Floor (f)	119	C	
A10RCFR10F_A-20_B0_C0_D0_E0_F16	2.5" (b)	0"	Floor (f)	119	D	
A10RCFR10F_A-30_B0_C0_D0_E0_F16	3" (b)	0"	Floor (f)	138	E	
A10RCFR10F_A-20_B0_C0_D0_E0_F16	2.5" (b)	3"	Floor (f)	170	F	
A10RCFR10F_A-30_B0_C0_D0_E0_F16	3" (b)	3"	Floor (f)	170	G	
A10RCFR10F_A-2.1_50_B0_C0_D0_E0_F16	2" x 1.5" (b)	3"	Floor (f)	200	H	
A10RCFR10F_A-40_B0_C0_D0_E0_F16	4" (a)	5.2"	Floor (f)	250	I	
A10RCFR10F_A-40_B0_C0_D0_E0_F16	4" (a)	2.5" (b)	3"	Floor (f)	250	J
A10RCFR10F_A-40_B0_C0_D0_E0_F16	4" (a)	9.25"	Floor (f)	200	K	
A10RCFR10W_A-1_50_B0_C0_D0_E0_F16	1.5" (b)	0"	Wall (w)	63	L	
A10RCFR10W_A-20_B0_C0_D0_E0_F16	2" (b)	0"	Wall (w)	119	M	
A10RCFR10W_A-20_B0_C0_D0_E0_F16	2.5" (b)	0"	Wall (w)	100	N	
A10RCFR10W_A-30_B0_C0_D0_E0_F16	3" (b)	0"	Wall (w)	119	O	
A10RCFR10W_A-20_B0_C0_D0_E0_F16	2" (b)	3"	Wall (w)	170	P	
A10RCFR10W_A-20_B0_C0_D0_E0_F16	2.5" (b)	3"	Wall (w)	170	Q	
A10RCFR10W_A-30_B0_C0_D0_E0_F16	3" (b)	3"	Wall (w)	170	R	
A10RCFR10W_A-40_B0_C0_D0_E0_F16	4" (a)	5.2"	Wall (w)	250	S	
A10RCFR10W_A-40_B0_C0_D0_E0_F16	4" (a)	9.25"	Wall (w)	200	T	



PRODUCT SPECS

COLORLOGIC® LAMINAR

PART NUMBER	DESCRIPTION
WFL100	ColorLogic Laminar

ACCESSORIES

PART NUMBER	DESCRIPTION	MATCHES WITH	DESCRIPTION
GLXWFL100GRY	Gray Lid, Deck Niche	GLX-BLN-GR	Gray Nozzle Kit
GLXWFL100DKRY	Dark Gray Lid, Deck Niche	GLX-BLN-GR	Dark Gray Nozzle Kit

• 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.

ColorLogic 1.5-inch Lights

ColorLogic 1.5-inch Lights	Standard Switched Lights	Hayward Automation Networked Lights	Cord Length
High Lumen ColorLogic 320 12V Lights	LAD311050	LADAN1050	30
	LAD311050	LADAN1050	50
	LAD311100	LADAN1100	100
	LAD311100	LADAN1100	150
Standard Lumen ColorLogic 160 12V Lights	LW3511050	LW3AN1050	30
	LW3511050	LW3AN1050	50
	LW3511100	LW3AN1100	100
	LW3511100	LW3AN1100	150

CrystalLogic® 1.5-inch Lights

CrystalLogic® 1.5-inch Lights	Standard Switched Lights	Hayward Automation Networked Lights	Cord Length
High Lumen CrystalLogic 320 12V Lights	LW4511050	NA	30
	LW4511050	NA	50
	LW4511100	NA	100
	LW4511100	NA	150
Standard Lumen CrystalLogic 160 12V Lights	LW4511050	NA	30
	LW4511050	NA	50
	LW4511100	NA	100
	LW4511100	NA	150

Hayward Automation Networked or Standard Switched Lights

ColorLogic and CrystalLogic 320 & 160 Light Accessories	Transformers	Signal Coupler for Networked Versions	Watts
J-Box Transformer, Complete	USM11465	USM11000	70
300W Wall Mount Pool Lighting Transformer	USM11100	USM11000	300

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

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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

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POOLMISER SINCE 1978

M19

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

OmniLogic

bai - ARCHITECTS
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p: 919.859.7003 - f: 919.859.7121 - bai-architects.com

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WILLIAM G. SPENCER JR.
7-4-13

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

RELEASED FOR CONSTRUCTION ©_08/28/24

NO.	DATE	COMMENTS/REVISIONS
	08/01/24	PROJECT ENTERED INTO COMPUTER
	08/20/24	CD PROGRESS SET
	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	126 GPM @ 3450 RPM @ 65 FT. OF HEAD - PROVIDE A SPARE BASKET FOR STRAINER.	HAYWARD -HCZF30
M3	30" DIA., HIGH RATE SAND FILTER WITH 5.0 S.F. MEDIA	HAYWARD -HCVZ2
M4	MULTI-PORT VALVE	FLOWVIS
M5	FLOW RATE INDICATOR	PENTAIR RAINBOW 320
M6	EROSION CHLORINATOR	AQUASTAR W400AWHP
M7	MAIN DRAIN, 7"X9" SUMP AND COVER/GRATE AND PROVIDE S.S. MOUNTING SLEEVES	W/ WAYSERV101538
M8	IN-GROUND SKIMMER	AQUASTAR SKR-101
M9	IN-WALL INLET W/ DIRECTIONAL FITTINGS	HAYWARD SP1424S
M10	RESERVED	
M11	IN-WALL VACUUM FITTING, W/ PLUG	HAYWARD W400AWHP
M12	HANDICAP LIFT W/ OPTIONAL SLEEVE ANCHOR SYSTEM.	36" SMITH MULTI-LIFT 575-0000
M13	POOL LADDER, 3 RUNG	SRSMITH -LF24-3R-MG
M14	POOL HANDRAIL, 30" LONG, PROVIDE S.S. MOUNTING SLEEVES	SRSMITH -LF24-3R-MG
M15	POOL HANDRAIL, 4'-4" LONG, PROVIDE S.S. MOUNTING SLEEVES	SRSMITH -DMS-102-MG
M16	LED LIGHT, 150 WATT EQUIVALENT	HAYWARD UNIV COLORLOGIC LED
M17	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
M18	BUBBLER SIDEWALL DRAINS	AQUASTAR -A10RCFR-101
M19	COLOR BUBBLER W/ 23 WATT LED LIGHT, 100 WATT EQUIVALENT	HAYWARD COLORLOGIC 320 POOL MISER
M20	AUTOMATIC WATER LEVEL CONTROLLER	PM-101
M21	POOL CONTROL PANEL	HAYWARD QMNL
M22	SALT CHLORINATION SYSTEM, SECONDARY SYSTEM, WITH INTELLOCHLOR POWER CENTER	PENTAIR INTELLOCHLOR -IC-60

POOL CONTRACTOR SHALL VERIFY THAT POOL EQUIPMENT SCHEDULE AND CUT SHEETS MATCH BEFORE ORDERING ANY ITEMS OF EQUIPMENT.

SP8