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SEAL
 017429
 PROFESSIONAL ENGINEER
 STATE OF SOUTH CAROLINA

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REVISIONS

1 11-16-2015 Revised Comments per Beaufort Co. Comments

NEW INDOOR COMMERCIAL POOL PLANS FOR
Fairfield Inn and Suites
 2080 W 15th Street, Washington, NC 27689
 Beaufort County

Since 1989
HOT SPRINGS POOLS & SPAS

578 WOODRUFF ROAD
 GREENVILLE, SC 29607
 (864) 676-9400 (TELEPHONE)
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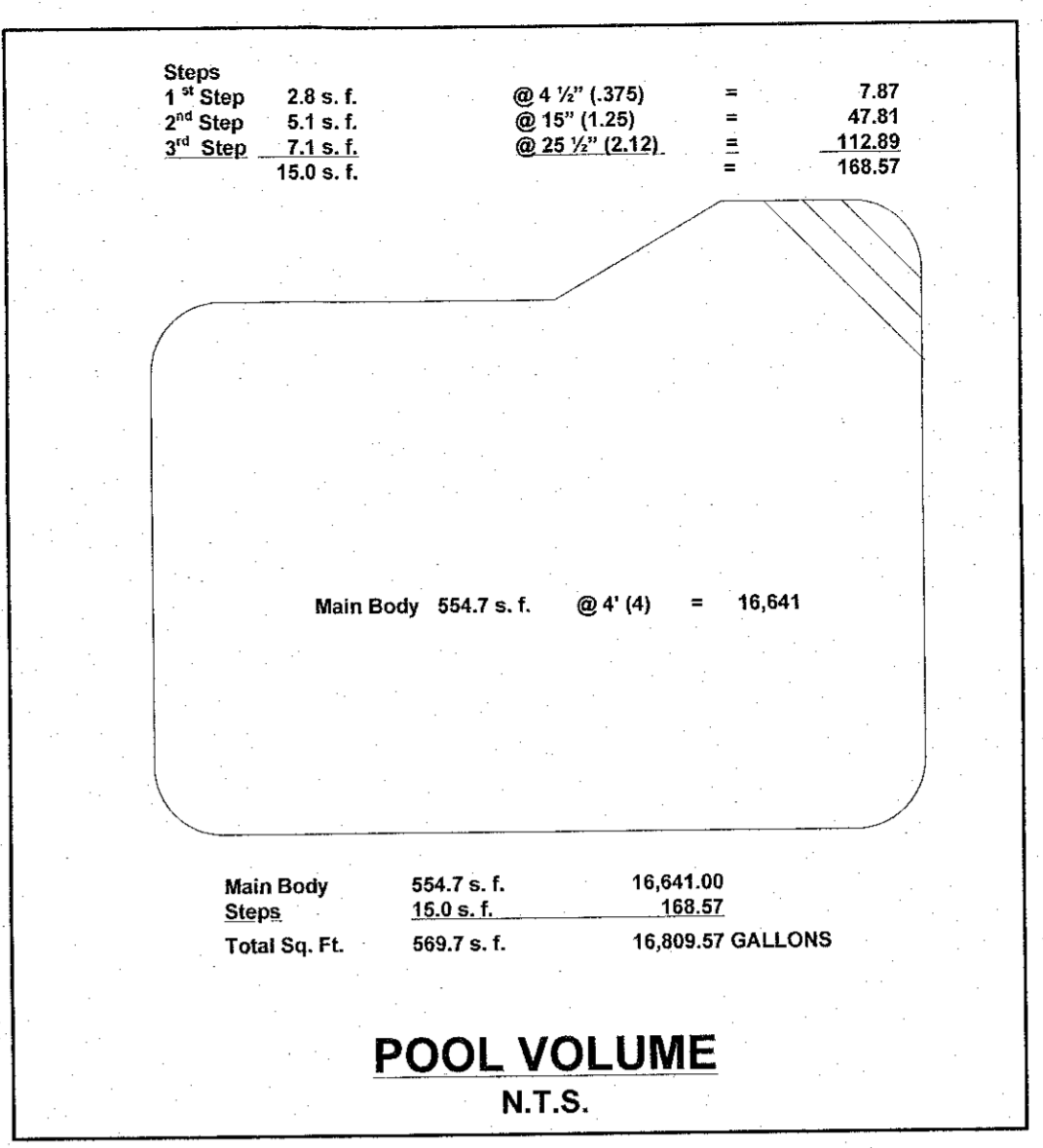
DRAWN BY:
 RBH

CHECKED BY:
 RRP

DATE:
 July 29, 2015

SCALE:
 AS NOTED

POOL DETAIL
SP - 2



NOTE:
 WHEN STATE AND LOCAL SPECIFICATION CONFLICT, THE MOST STRINGENT OF THE SPECIFICATIONS MUST BE FOLLOWED.

IBC SPECIFICATIONS	
Pool Surface Area:	569.7 Sq. Ft.
Pool Limit: 1 per 50 Sq. Ft.	11 Persons
Total Deck Area:	937 Sq. Ft.
Deck Limit: 1 per 15 Sq. Ft.	62 Persons

SPECIFICATIONS-N.C. COMMERCIAL POOL	
SURFACE AREA:	569.7 S.F.
PERIMETER:	95 L. F.
POOL VOLUME:	16,810 GALLONS
REQUIRED TURN-OVER RATE:	48.7 GPM
DESIGN TURNOVER RATE:	53 GPM
POOL LIMIT:	37 PERSONS
POOL DECK AREA:	937 SF

QTY	DESCRIPTION	MODEL	MANUFACTURER
2	StarGuard® 8" Round Main Drain, Anti-Entrapment Suction Outlet Cover with Sump, Open Area 15.35 sq. in., Flow Rate: Floor 144 GPM, VGB compliant (ASME/ANSI A12.19.8a-2008)	500120	PENTAIR
2	Hydrostatic Relief Valve	SP-1057	HAYWARD
2	Bermuda® Gunite Skimmer with Float Valve & Equalizer Assembly, NSF rated @ 55 gpm (26.5 GPM ea.)	506370	PENTAIR
2	Skimmer Equalizer Cover Assembly, Flow Rate: 56 gpm, VGB Compliant (ANSI/APSP 16-2011)	4HP101	AQUASTAR
5	Adjustable Directional Flow Wall Inlets (10.6 gpm ea.)	SP-1419D	HAYWARD
1	Merlite® Incandescent Light with SS Face Ring, 500 Watt, 120 volt	78458100	PENTAIR
1	Large Stainless Steel Niche	78210500	PENTAIR
1	Automatic Water Level Controller with Fluidmaster Valve	T40FW	PENTAIR

QTY	DESCRIPTION	MODEL	MANUFACTURER
1	Triton Sand Filter (74 GPM)	TR100	PENTAIR
1	1 1/2" Multi-Port Valve	261173	PENTAIR
1	1 HP Challenger®, Single Speed, High Pressure Pump & Motor, (63 gpm @ 65' TDH, Max Rated at 88 gpm)	CFII-NI-1F	PENTAIR
1	1 1/2" F-300 Clamp-On Insertion Mount Flowmeter	F-3015D	BLUE-S-WHITE
1	Erosion Chlorine Feeder	A-300	Arch Chemicals
1	Spare Pump Strainer Basket	355213	PENTAIR
1	Spare Skimmer Basket	355501	PENTAIR
1	MasterTemp® Heater, 250,000 BTU, ASME listed	461020	PENTAIR

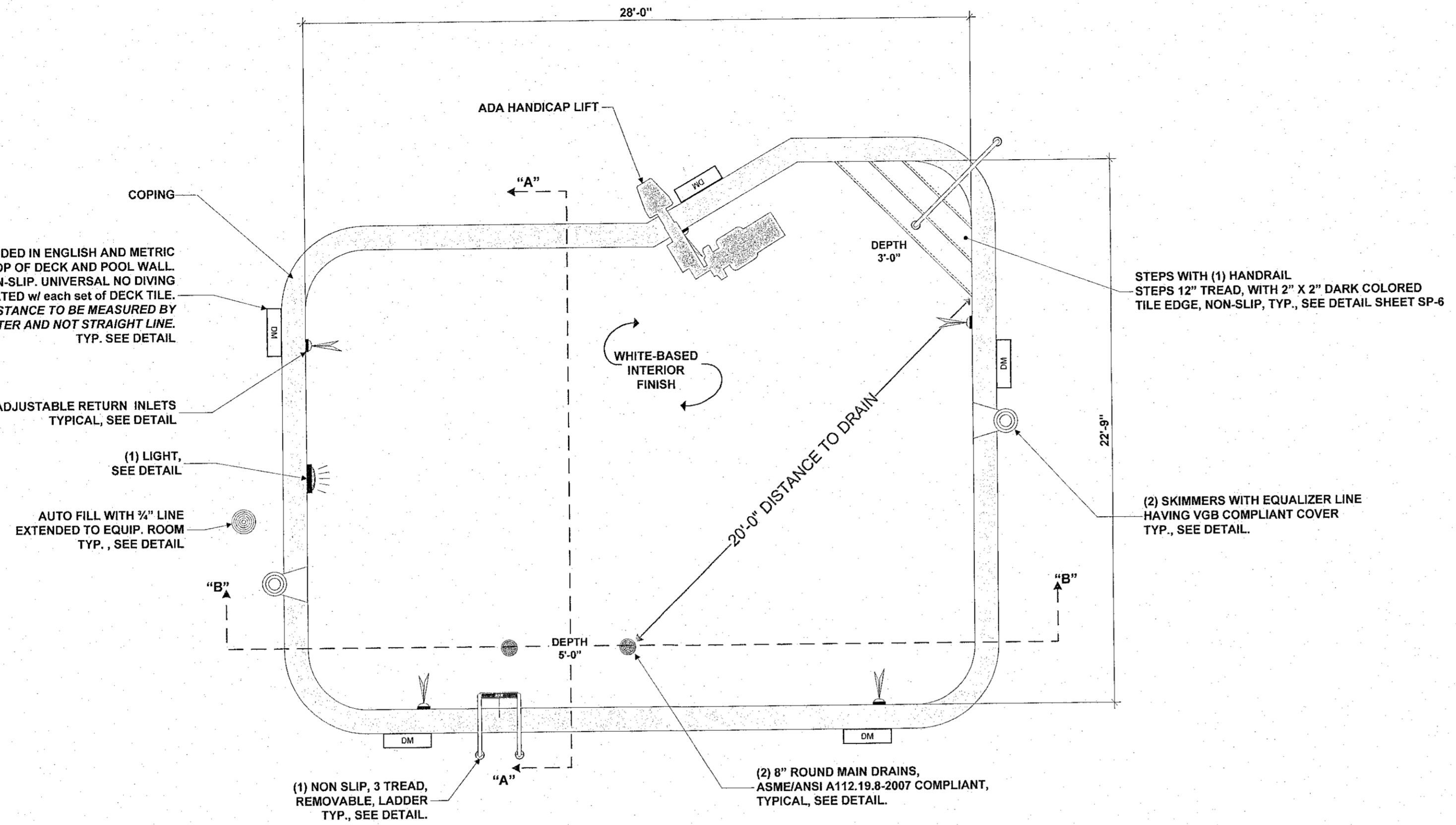
QTY	DESCRIPTION	MODEL	MANUFACTURER
1	multiLift Handicap Pool Lift, 2010 ADA Compliant	500-5000A	S.R. Smith
1	8" handrail, 1.90" OD x .065 wall, 316L Stainless Steel Tube, Polished and buffed	3HR-5-065	S.R. Smith
1	24" Ladder, 1.90" O.D. x .065 wall, 316L Stainless Steel Tube, Polished and Buffed Finish with 3 Non-Slip Treads	LF-24-3B	S.R. Smith
4	4" Cast Bronze Anchor Socket, with Cast Bronze Wedge Assembly	IAS-100	SRSMITH
4	Oblong Escutcheon, with Set Screw	IEF-100	SRSMITH
1	Junction Box	783107	PENTAIR
As req	"No-Diving" Tile		Tile Specialties
As req	Depth Markers - 3' - 5 ft (spacing per NC specs.)		Classic

QTY	DESCRIPTION	MODEL	MANUFACTURER
1	Hand Skimmer, Solid Aluminum Rod	R111316	Pentair
1	Skimmer Vacuum plate		Pentair
1	Curved - Aluminum Back 18" Wall Brush	R201276	Pentair
1	ProVac 14" Gunite Flex Vacuum Head	25113	Bio-Lab
1	1 1/2" X 30' Vacuum Hose	32062	Bio-Lab
1	8" - 18" Metal Cam Telescopic Pole	K2005C	Taylor
1	Service Complete Test Kit	1766	LaMotte

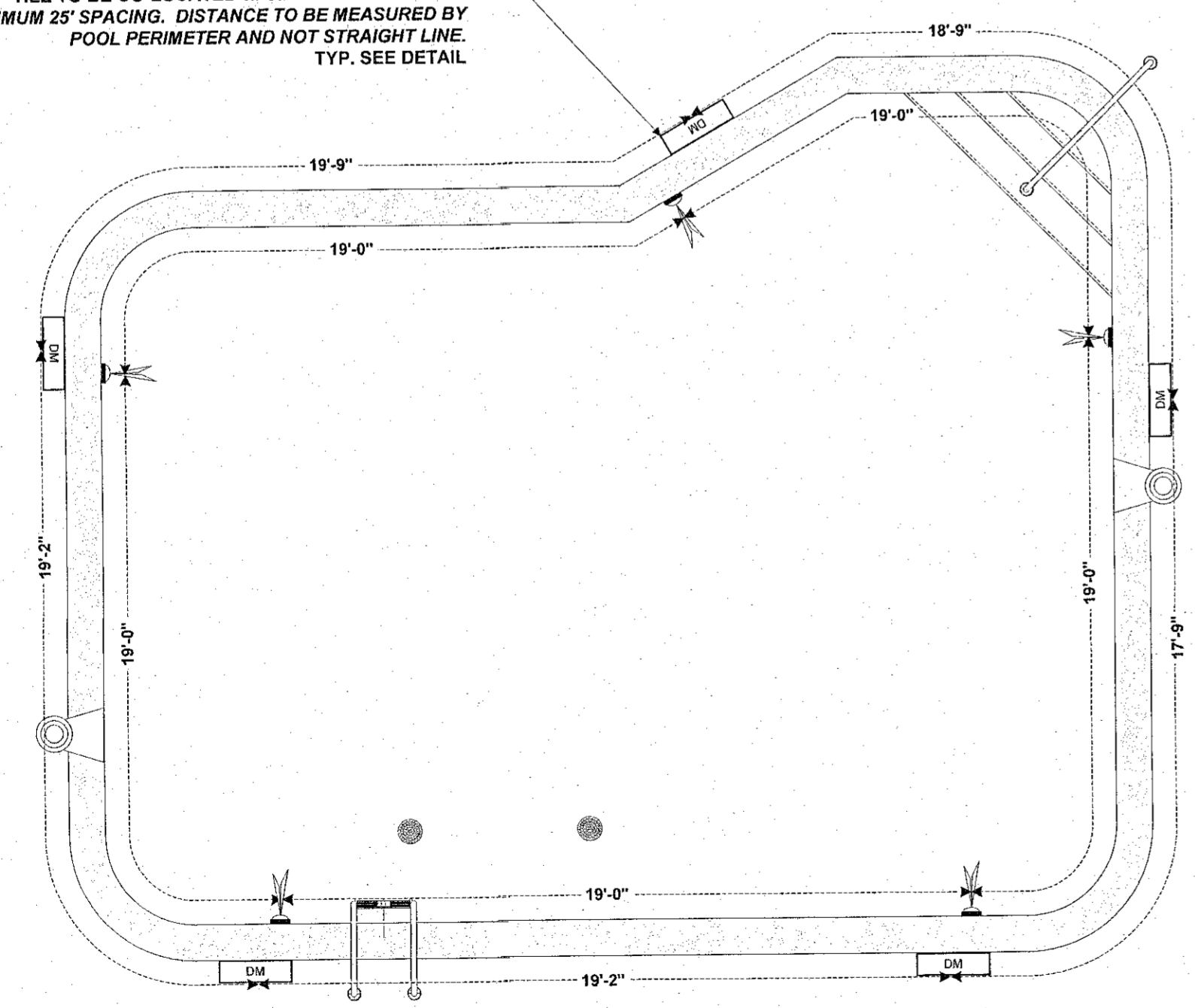
QTY	DESCRIPTION	MODEL	MANUFACTURER
1	US Coast Guard Approved Ring Buoy, 20" diameter with / 50' Max. Throwing Line	R221026, R221030 and R191116	Pentair
1	Safety Pool Hook Permanently Attached to 16" Straight Pole	R234100	Pentair
1	POOL RULES Sign - NC Approved	R233300	Pentair
1	"WARNING NO LIFEGUARD ON DUTY" Sign - NC Approved	R233900	Pentair
1	"SHALLOW WATER NO DIVING" Sign - NC Approved		Pentair
1	"SHOWER REQUIRED" Sign - NC Approved		Pentair

NOTE:
 SUCTION OUTLETS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH ANSI/APSP-7

NOTE:
 INDOOR POOL DESIGNED FOR NIGHT SWIMMING
 SEE ATTACHED DECK LIGHTING PLAN



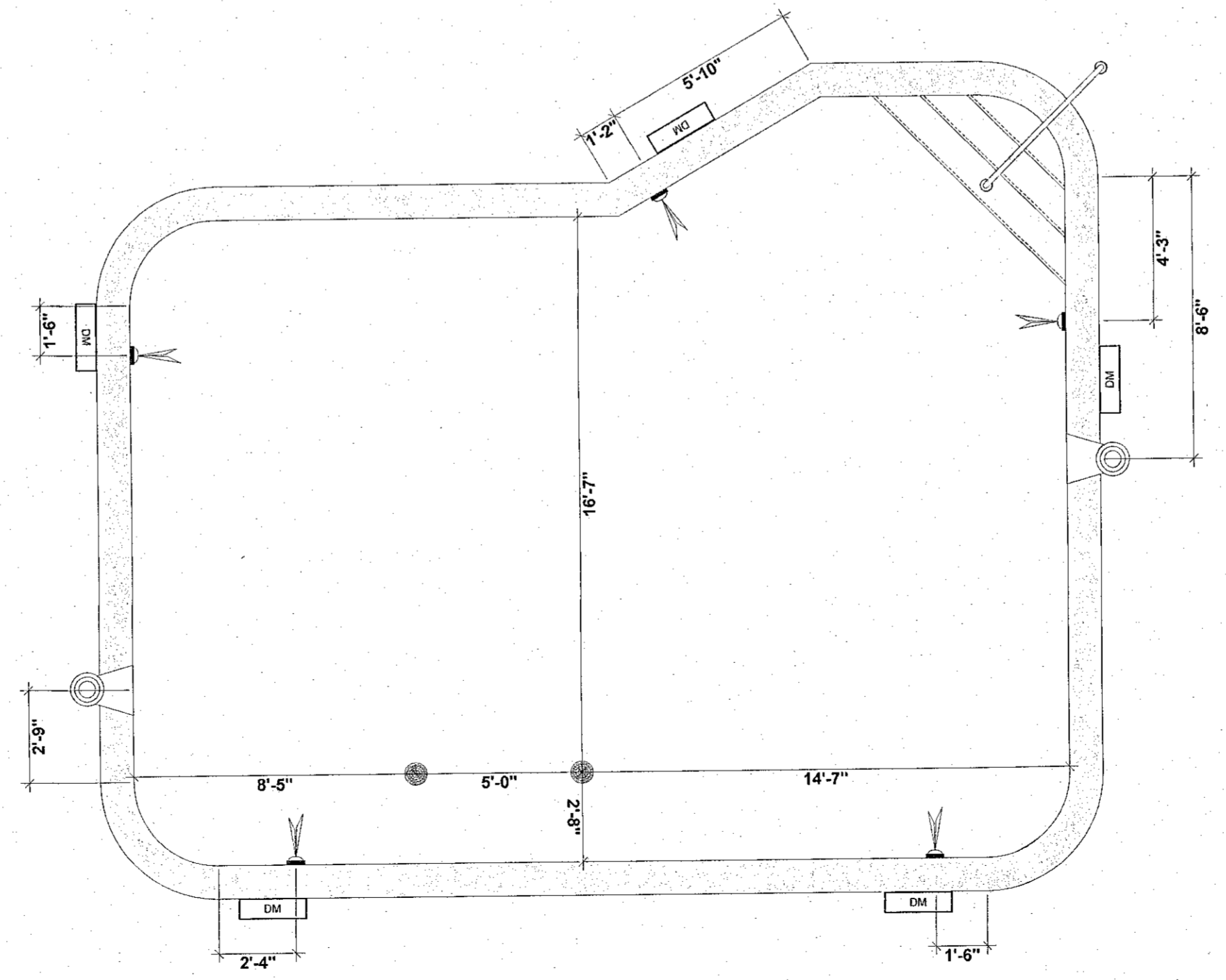
DEPTH MARKERS PROVIDED IN ENGLISH AND METRIC ON BOTH TOP OF DECK AND POOL WALL. DECK MARKERS TO BE NON-SLIP. UNIVERSAL NO DIVING TILE TO BE CO-LOCATED w/ each set of DECK TILE. MAXIMUM 25' SPACING. DISTANCE TO BE MEASURED BY POOL PERIMETER AND NOT STRAIGHT LINE. TYP. SEE DETAIL.



NOTE:
 DETAIL IS DESIGNED FOR PLACEMENT WITHIN CODE REGULATIONS. DEPTH AND SLOPE ARE INCLUDED ON PLANS. POOL DEPTH IS MEASURED IN THE FIELD AND THE MARKERS ARE SET TO THE CLOSEST 1/4 FOOT.

POOL FITTING PLACEMENT
 1/4" = 1'-0"

NOTE:
 DIMENSIONS ARE MEASURED BY FOLLOWING POOL WALL PERIMETER



NOTE:
 Pool to be constructed in accordance with 15A NCAC 18A.2500 and ASME/ANSI A112.19.8-2007
 Suction outlets will be installed in accordance with 3109.5 Entrapment Avoidance and ANSI/APSP-7 and ICC/ANSI A117.1-2009
 Handicap Lift is in accordance with NCBC Chapter 11 Accessibility and ICC/ANSI 117.1-2009

NOTE:
 PLANS ARE FOR POOL CONSTRUCTION ONLY.
 ANY REQUIRED REVISED CONSTRUCTION DRAWINGS INCLUDING PLUMBING, MECHANICAL AND ELECTRICAL CHANGES NECESSARY FOR POOL PERMIT AND INSTALLATION ARE THE RESPONSIBILITY OF OTHERS
 ALL BUILDING, EQUIPMENT & CHEMICAL ROOM NOTES AND SPECIFICATIONS ARE FOR COORDINATION AND INFORMATION ONLY.
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