

GENERAL NOTES

- FLOOR DRAIN, BACKWASH SUMP, APPROVED MUNICIPAL WATER SUPPLY, CONCRETE DECK AND ELECTRICAL SHALL BE PROVIDED BY THE GENERAL CONTRACTOR AND OR OWNER.
- CHEMICAL STORAGE ROOM MUST BE PROVIDED TO MEET STATE REGULATIONS IN DETAILED SPECIFICATIONS.
- A HOSE BIB WITHIN 100' OF ALL DECK AREAS SHALL BE PROVIDED BY OTHERS.
- ALL SIGNAGE TO MEET N.C. G.S. WILL BE PROVIDED.
- SAFETY EQUIPMENT WILL BE STORED ON FENCE.
- POOL SUPPLY WATER WILL BE SUPPLIED THROUGH AN AUTOFILL.
- BATHROOM FACILITIES SHALL HAVE A SLIP RESISTANT FLOOR & HAVE A MIN. OF: MEN'S 1 LAV., AND 1 WATER CLOSET; WOMEN'S 2 LAV'S., 2 WATER CLOSET.
- EMERGENCY PHONE SHALL BE PROVIDED IN DECK AREA WITHIN 75 FEET OF BATHER ENTRANCE.
- GROUND LEVEL DOORS AND WINDOW OPENINGS FROM OCCUPIED BUILDINGS TO INSIDE THE POOL ENCLOSURE SHALL BE SELF-CLOSING OR CHILD PROTECTED BY MEANS OF A BARRIES OR AUDIBLE ALARM. ALL ACCESS GATES SHALL OPEN AWAY FROM THE POOL. RELEASE OF THE LATCH ON THE SELF-LATCHING DEVICE SHALL BE ACTIVATED:
 - (a) AT A HEIGHT NO LESS THAN 54 INCHES ABOVE GRADE FOR WIRE MESH ACCESS GATES AND AT A HEIGHT NO LESS THAN 54 INCHES ABOVE THE HORIZONTAL BOTTOM RAIL OF A PICKET/ORNAMENTAL ACCESS GATE; OR
 - (b) ON THE POOL SIDE OF THE GATE AT A DISTANCE OF NO LESS THAN THREE INCHES BELOW THE TOP OF THAT GATE PROVIDED, ON FENCES CONSTRUCTED AFTER APRIL 1, 2000 THERE SHALL BE NO OPENING GREATER THAN ONE-HALF INCH WITHIN 18 INCHES OF WHERE THE LATCH RELEASE IS ACTIVATED WITH GATE IS CLOSED.
- MIRRORS IN RESTROOMS SHALL BE OF SHATTERPROOF MATERIAL.
- WATER TEMPERATURE AT SHOWER AND LAVATORIES CANNOT EXCEED 110° F.
- THE WIDTH OF THE DECK SHALL PROVIDE AT LEAST SIX FEET OF CLEAR WALKING SPACE AT ALL POINTS.

EQUIPMENT AND CHEMICAL ROOM REQUIREMENTS

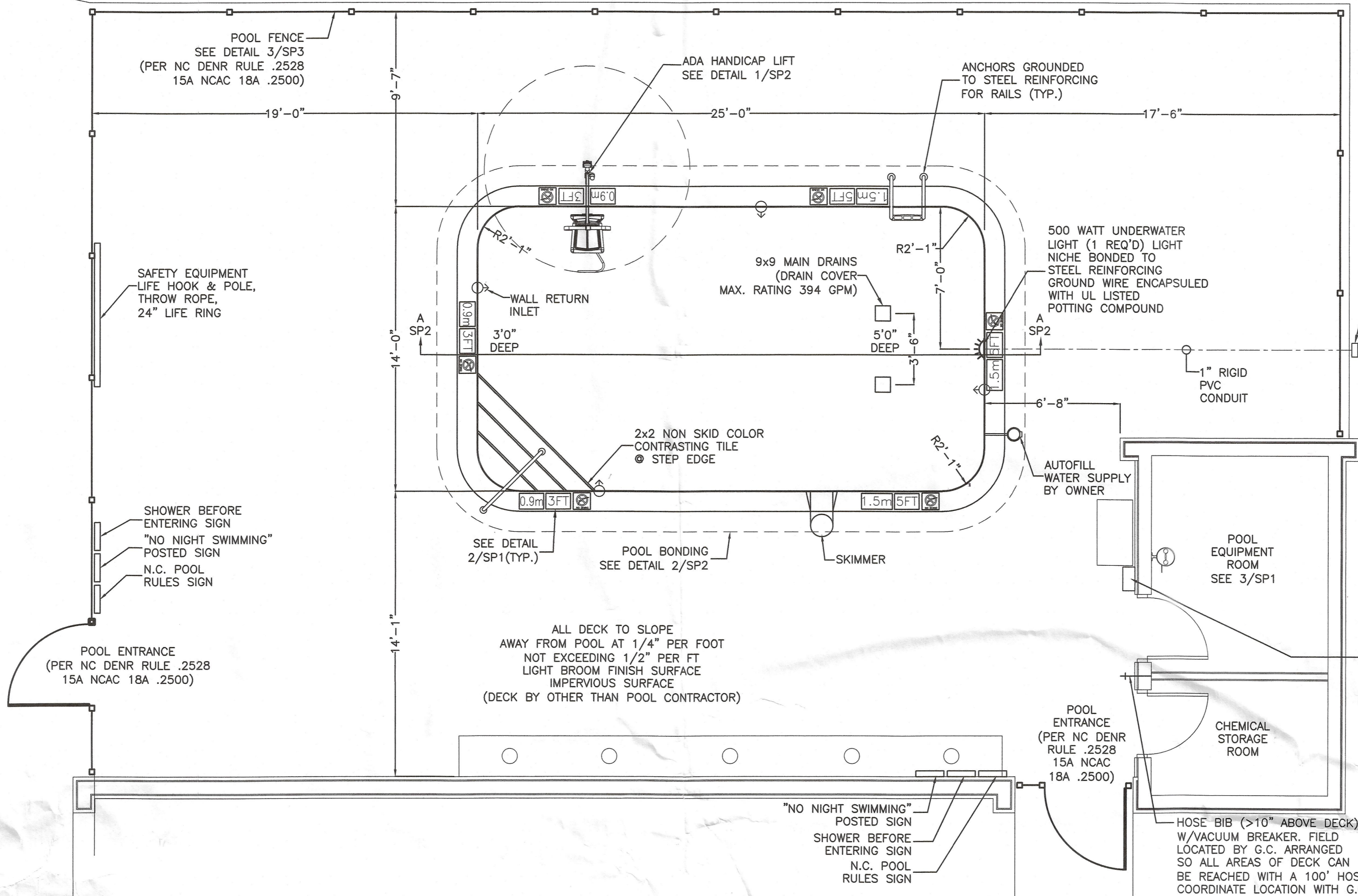
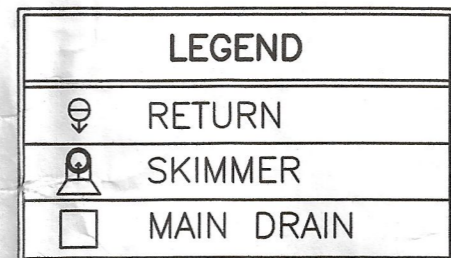
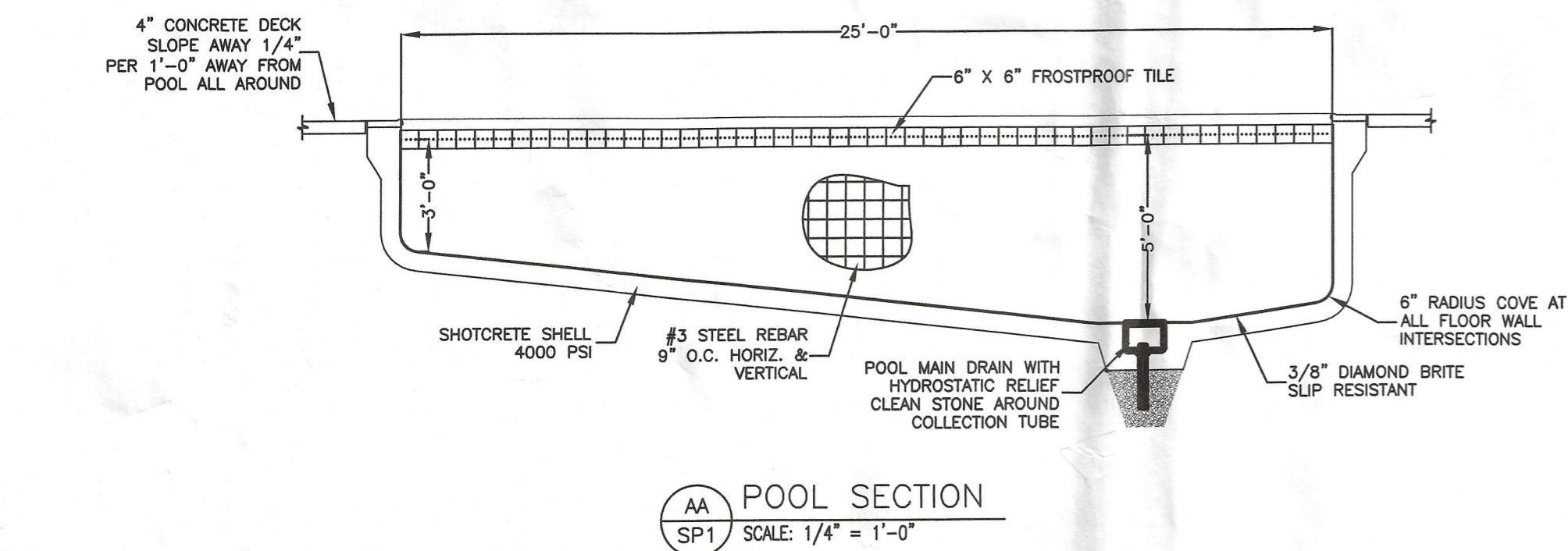
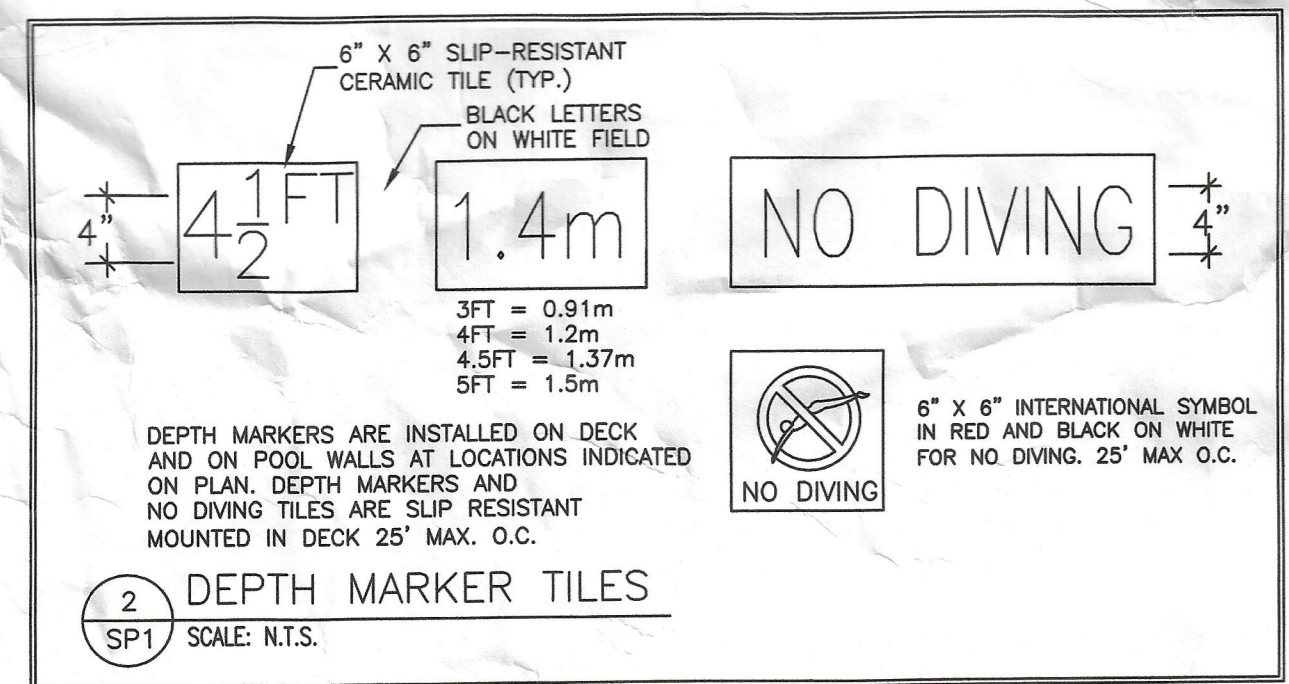
REFER TO RULES GOVERNING PUBLIC SWIMMING POOLS 15A NCAC 18A .2500 FOR MORE INFORMATION AS AMENDED JAN. 1, 1996, APRIL 1, 1999, AND AUGUST 1, 2000, MARCH 1, 2004, JULY 2006 AND MAY 1, 2010

CHEMICAL STORAGE

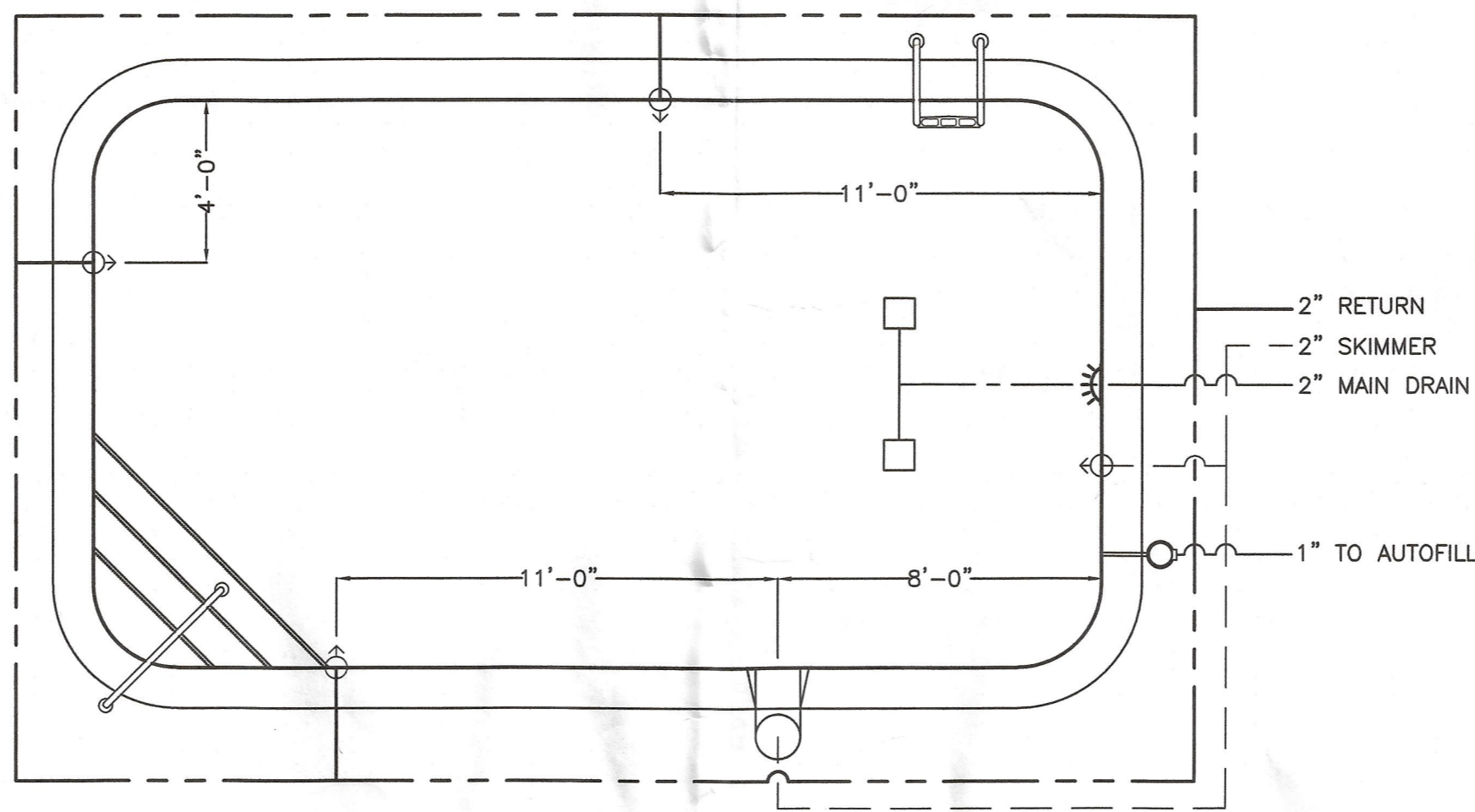
- A CHEMICAL STORAGE AREA WHICH MEETS THE FOLLOWING CRITERIA SHALL BE PROVIDED:
 - THE CHEMICAL STORAGE AREA SHALL BE A DRY WEATHERPROOF STRUCTURE WITH A MIN. CEILING HEIGHT OF 7 FEET
 - THE POOL CHEMICAL STORAGE AREA SHALL CONTAIN A MIN SPACE OF 6 SQUARE FEET
 - CHEMICAL STORAGE AREA SHELVING SHALL BE AT LEAST 6" ABOVE THE FLOOR
 - LIGHTING SHALL BE PROVIDED
 - NATURAL CROSS DRAFT OR FORCED VENTILATION WHICH DIRECTS AIR AWAY FROM THE POOL IS REQUIRED. THE SWITCH FOR THE FORCED VENTILATION EQUIPMENT SHALL BE WIRED FOR CONSTANT OPERATION.

EQUIPMENT ROOM

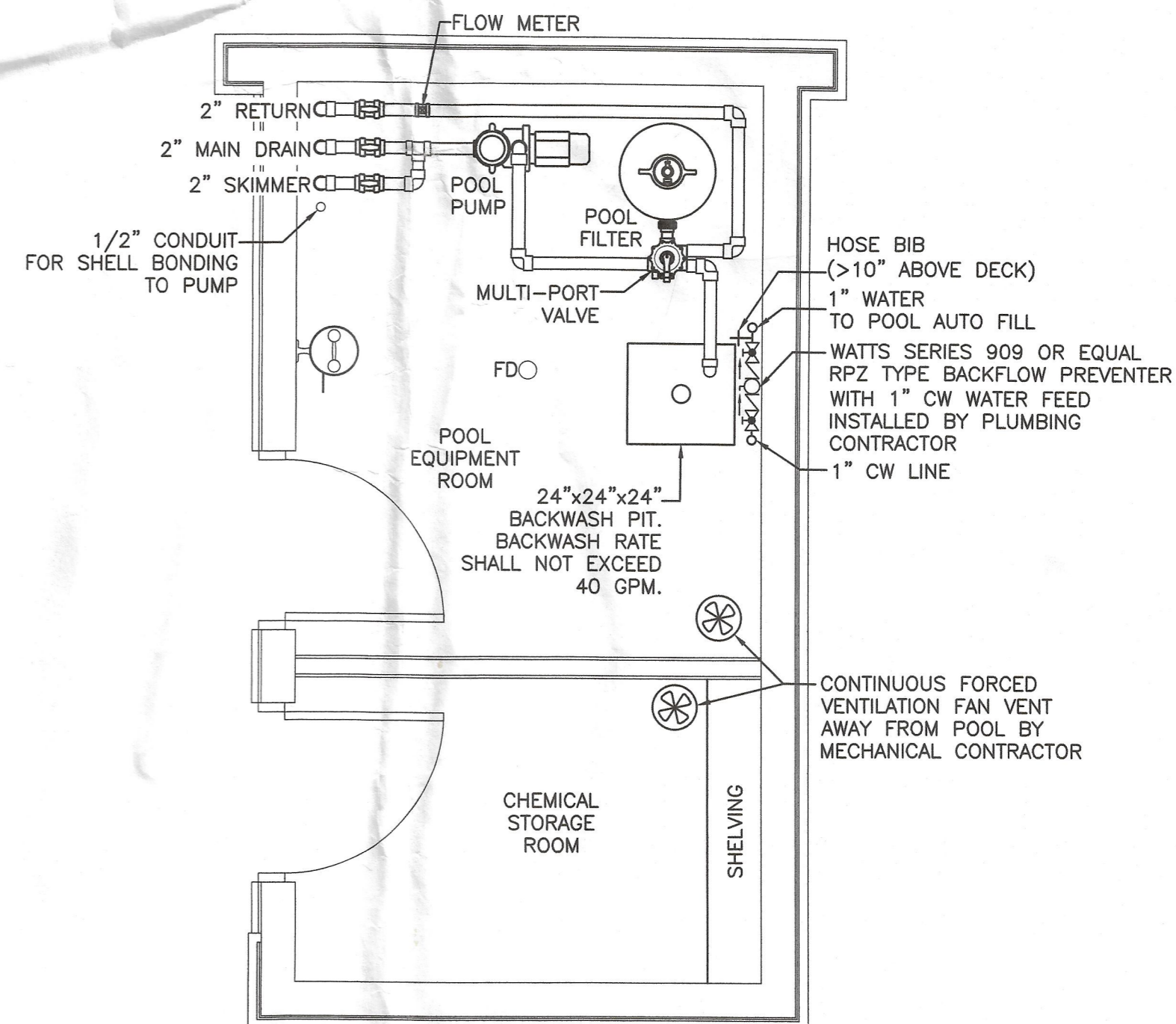
- ALL PUMPS, CHEMICAL FEEDING EQUIPMENT, AND OTHER MECHANICAL EQUIPMENT SHALL BE ENCLOSED IN A WEATHERPROOF STRUCTURE WITH A CEILING HEIGHT OF AT LEAST 7 FEET. THE EQUIPMENT ROOM SHALL BE PROVIDED WITH A DOOR WITH A PERMANENT LOCK WHICH MUST BE KEPT LOCKED WHEN NOT IN USE BY THE POOL OPERATOR.
- LIGHTING TO ALLOW THE OPERATOR TO READ ALL GAGES AND CONTROL DEVICES SHALL BE PROVIDED
- VALVES AND CONTROL DEVICES SHALL BE READILY AVAILABLE, CLEARLY LABELED AND VISIBLE. AT LEAST 3 FEET OF CLEAR WALKWAY SHALL BE PROVIDED TO ALLOW ACCESS TO EQUIPMENT.
- EQUIPMENT ROOM FLOOR SHALL BE SMOOTH WITH A SLOPE OF 1/4" TO 1'-0" TO A FLOOR DRAIN.
- A 3/4" HOSE BIB WITH APPROVED BACK FLOW PREVENTION DEVICE SHALL BE PROVIDED IN THE EQUIPMENT ROOM
- NATURAL OR FORCED CROSS VENTILATION WHICH DIRECTS VENTED AIR AWAY FROM THE POOL AREA IS REQUIRED. THE SWITCH FOR THE CROSS VENTILATION EQUIPMENT SHALL BE WIRED FOR CONSTANT OPERATION.



1 POOL PLAN
SP1 SCALE: 1/4" = 1'-0"



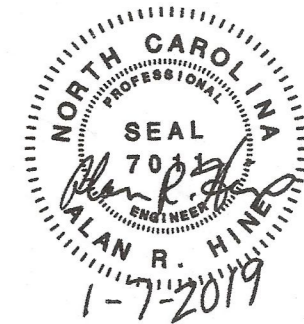
4 POOL PLUMBING PLAN
SP1 SCALE: 1/4" = 1'-0"



3 POOL EQUIPMENT ROOM
SP1 SCALE: 3/8" = 1'-0"

POOL SPECIFICATIONS

- WATER SURFACE AREA IS 346 SQ. FT.
- WATER DEPTH IS 3'-0" TO 5'-0"
- NET CAPACITY IS 10,366 GALLONS WITH A FILTRATION CYCLE OF 5 HOURS AND 24 MIN AT A FLOW OF 32 GPM. (BASED ON A DYNAMIC HEAD OF 65 FEET)
- POOL PERIMETER = 74.5 LN. FT
- ALL PIPE WORK SHALL BE SCHEDULE 40 PVC, PRESSURE TESTED BEFORE PLACING CONCRETE
- BATHER LOAD IS 23 PERSONS AS PER GS 15A:18A SECTION 2529
- DECK AREA = 1,787 SQ. FT. BY OTHER THAN SPC



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A CUSTOM POOL FOR:
FAIRFIELD INN
MORGANTON, NC

DRAWING NAME
POOL DRAWING

REVISIONS

DRAWN BY
MJW

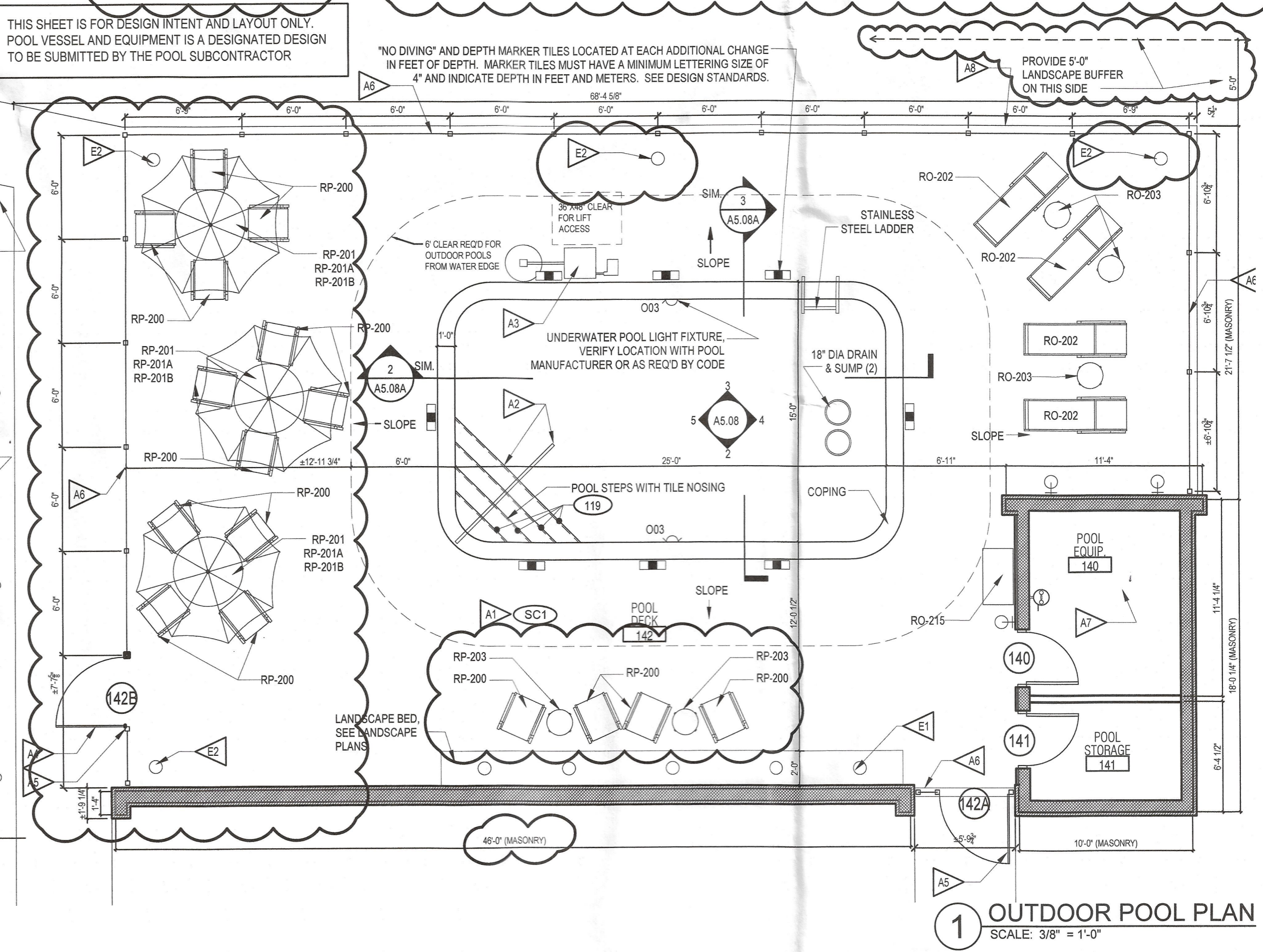
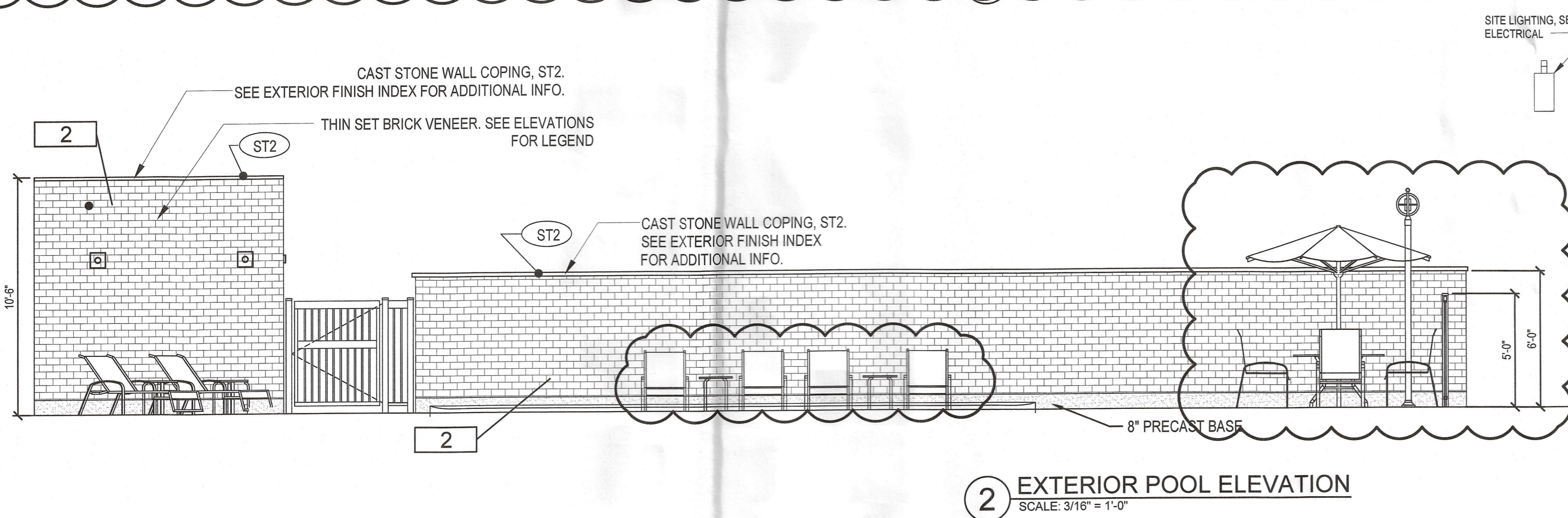
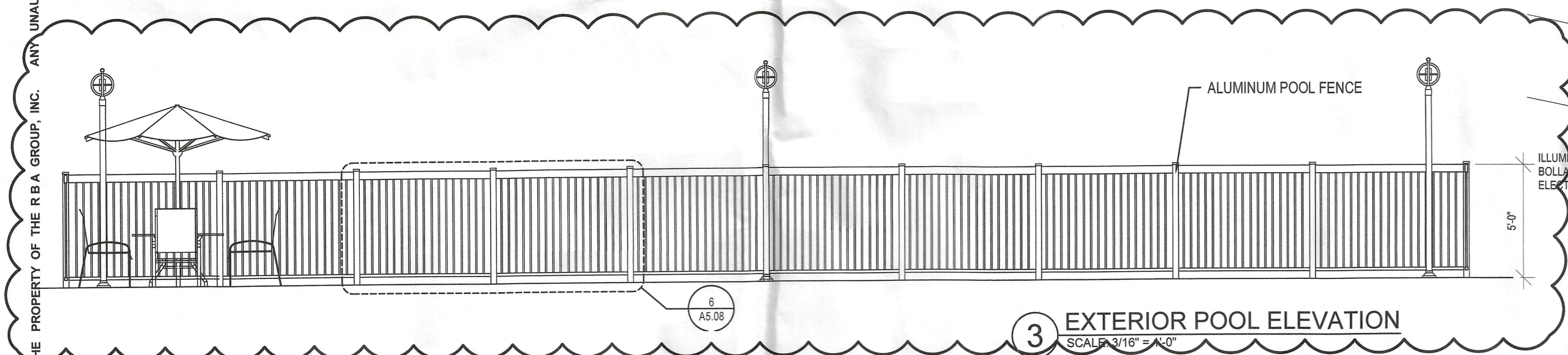
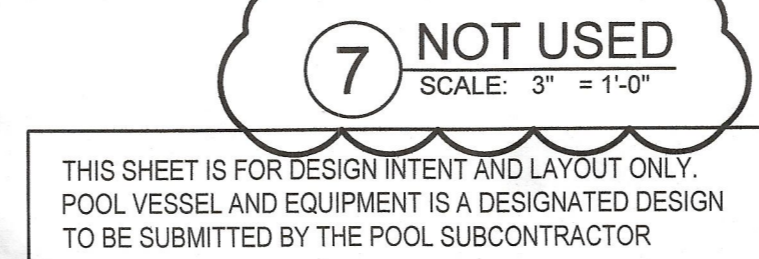
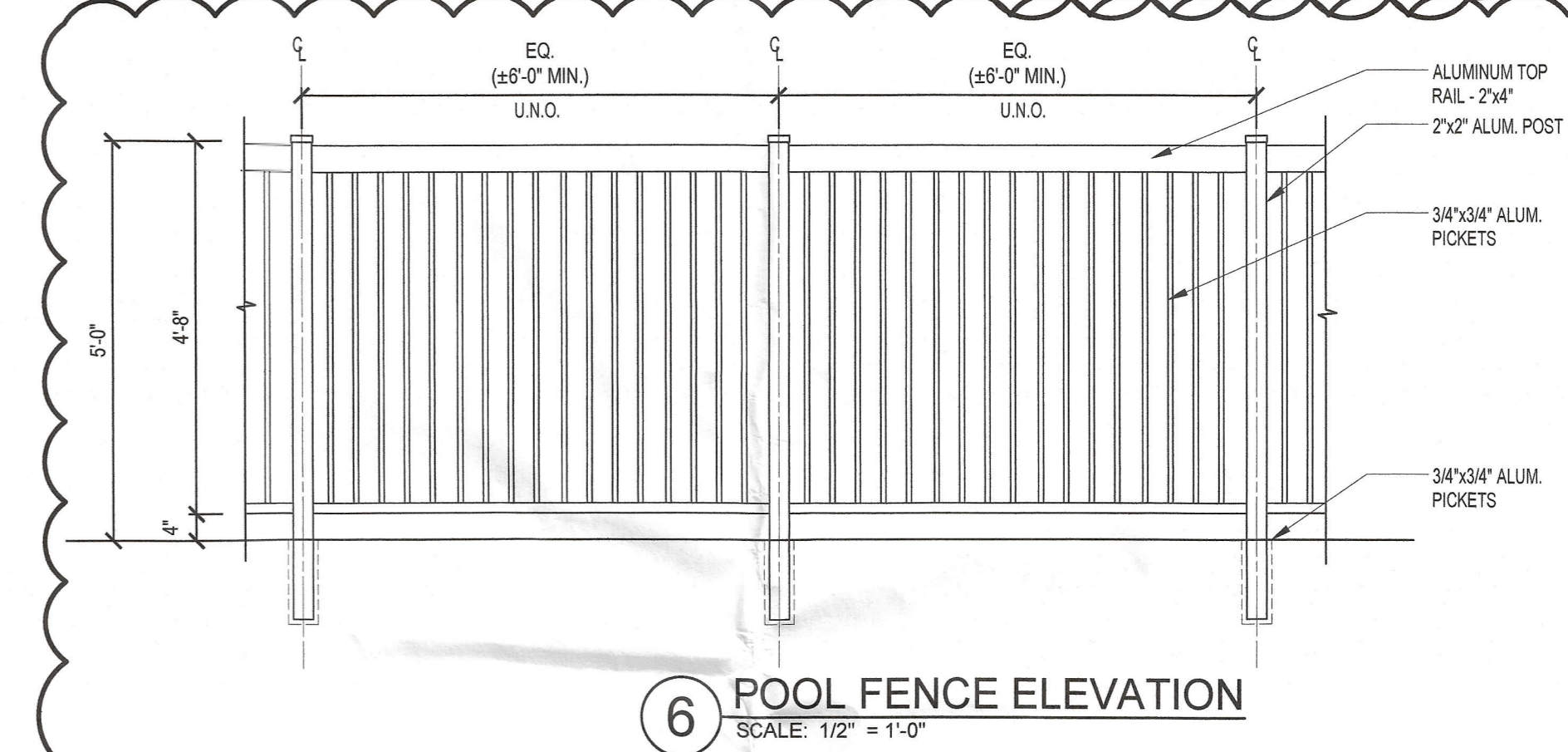
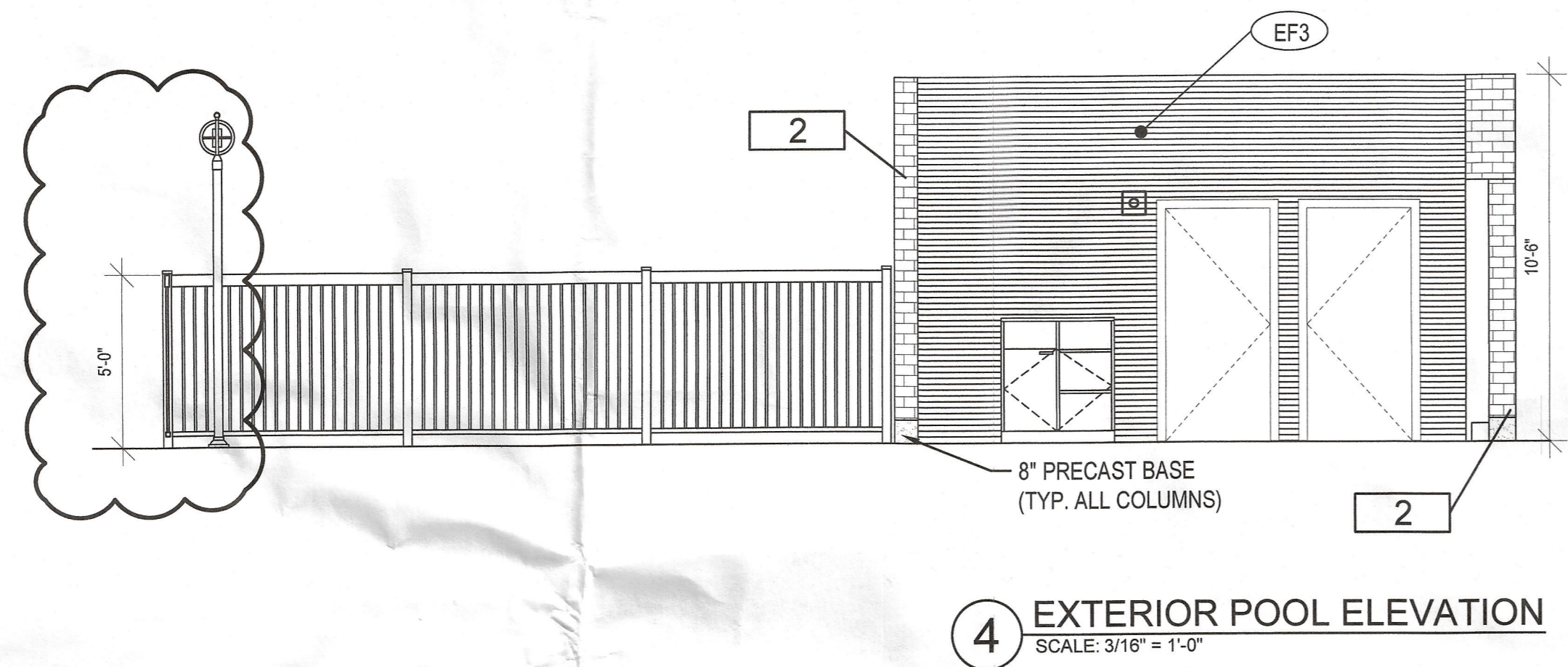
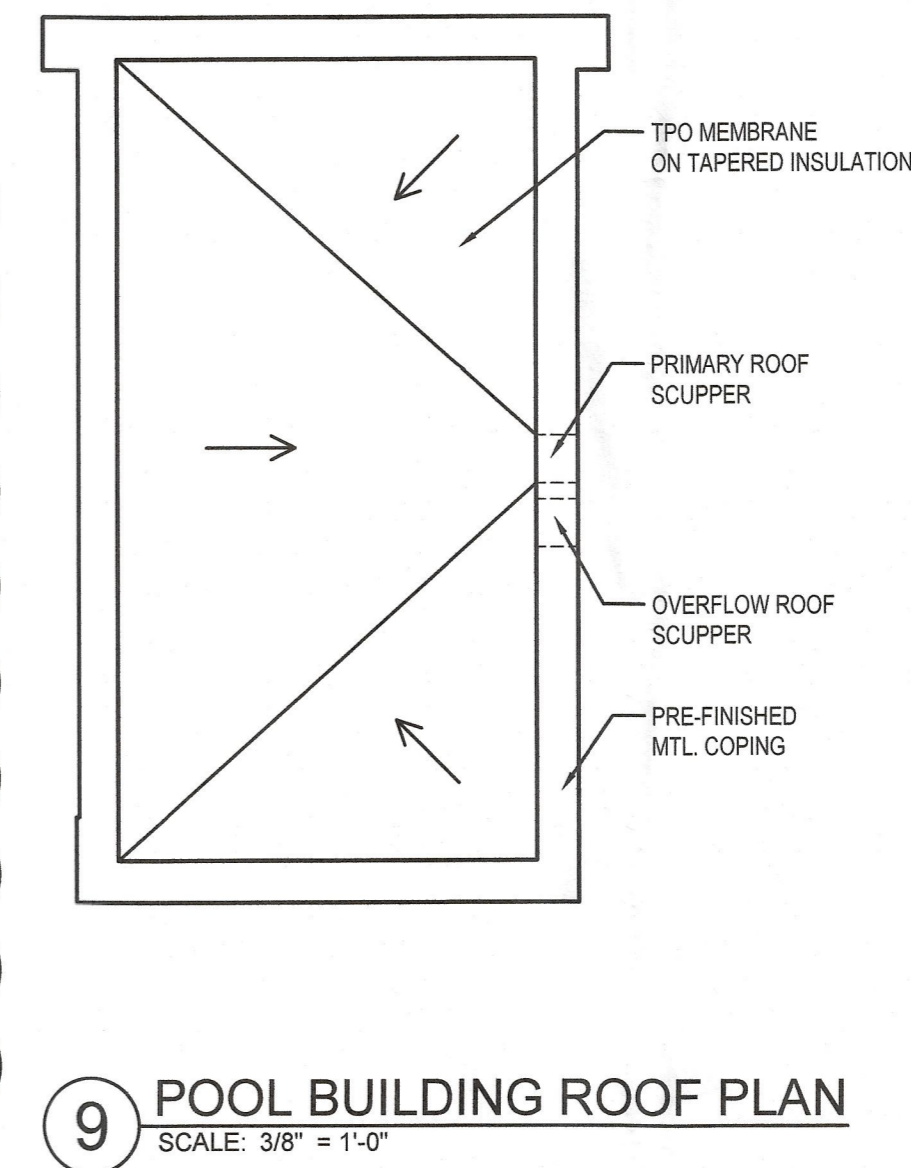
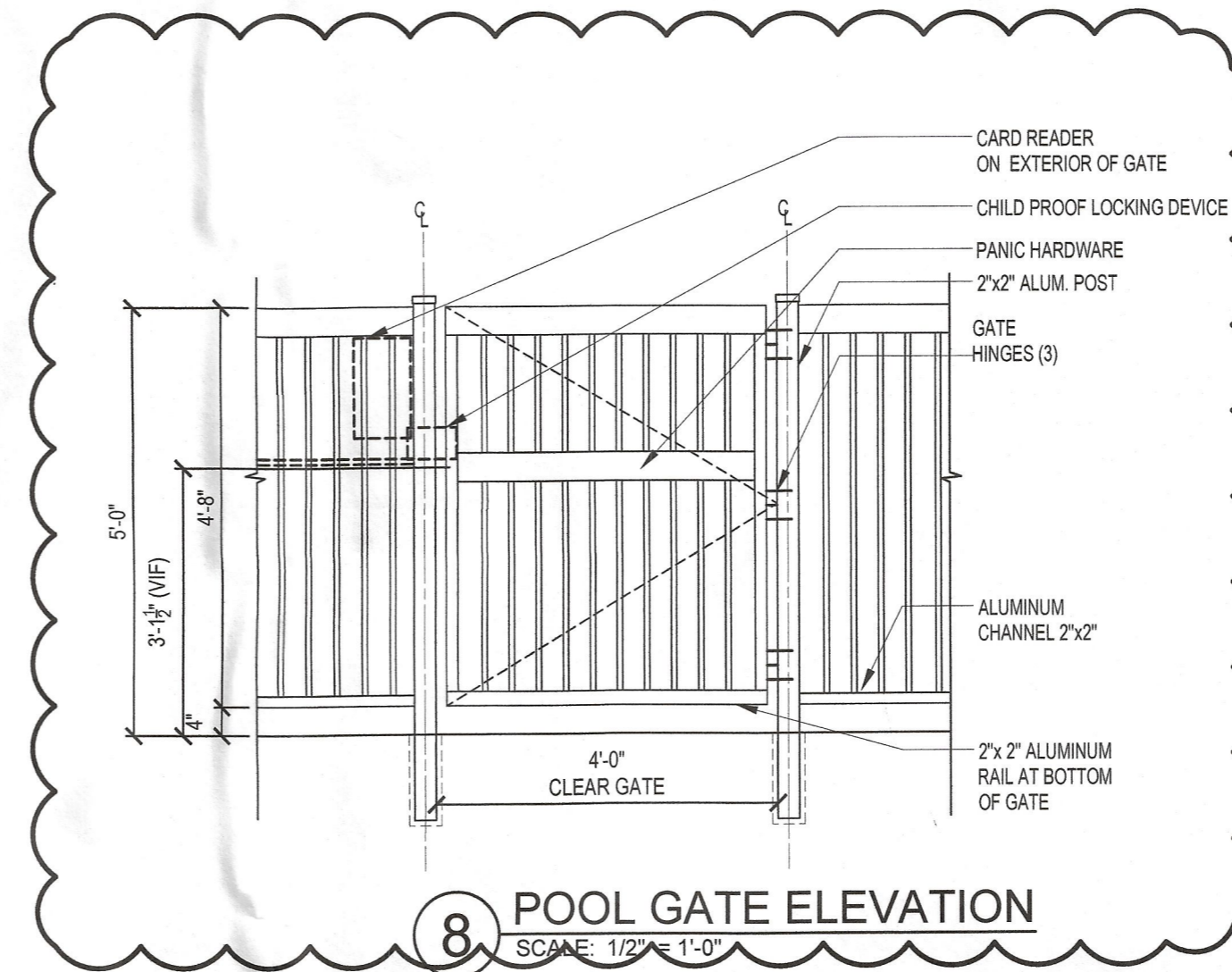
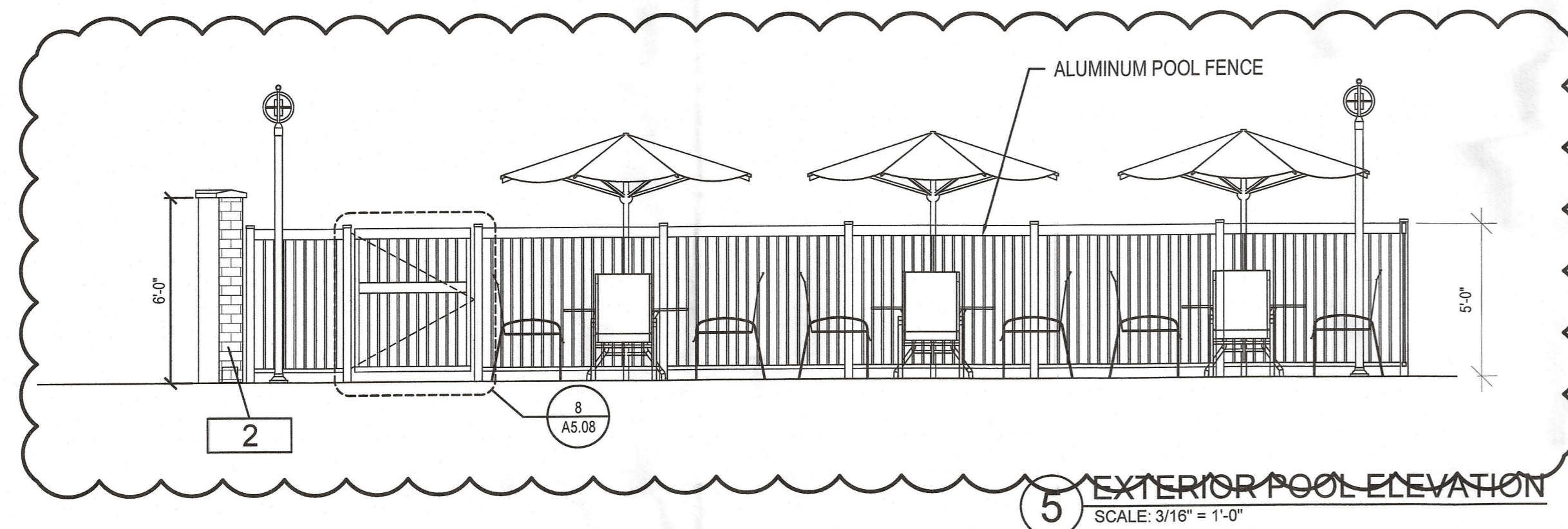
DATE
10-5-18

SCALE
SEE DRAWING

SHEET

SP1

1 OF 2



REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "SITE & BUILDING EXTERIOR," AND "RECREATION FACILITIES" CHAPTERS FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. SEE SITE LANDSCAPING & PLANTING PLAN FOR ADDITIONAL INFORMATION ON ADJACENT PLANTING AND TREE LOCATIONS.

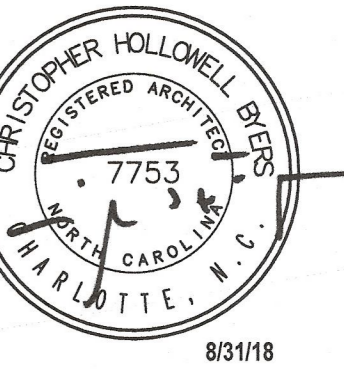
CRITERIA NOTES

NOTES ARE SHOWN CATEGORIZED BY DISCIPLINE AND COULD BE INTERPRETED TO APPLY TO MORE THAN ONE DISCIPLINE. FOR EFFICIENCY, NOTES ARE ONLY SHOWN UNDER ONE PREDOMINANT DISCIPLINE. CONTRACTORS SHOULD FAMILIARIZE THEMSELVES WITH ALL NOTES.

ARCHITECTURE:

- A1 STAMPED CONCRETE. REFER TO EXTERIOR FINISH INDEX.
 - A2 STAINLESS STEEL POOL RAILING AND POOL STEPS WITH TILE NOSING.
 - A3 FIXED ACCESSIBLE LIFT AS REQUIRED BY ADA. VERIFY APPLICABLE CODE REQUIREMENTS. SEE PIM FOR EQUIPMENT INFORMATION.
 - A4 SWINGING GATE WITH CONTROLLED ACCESS TO POOL DECK FROM PATIO.
 - A5 CONTROLLED ACCESS TO POOL DECK OR PATIO. DOOR TO REMAIN OPEN IN EGRESS DIRECTION AT ALL TIMES. SEE DOOR SCHEDULE FOR ADDITIONAL INFO.
 - A6 POOL PATIO FENCE.
 - A7 COORDINATE SIZE OF POOL MECH. ROOM WITH CLEARANCES REQUIRED FOR EQUIPMENT.
 - A8 12"x8" TURN-DOWN THICKENED CONC. SLAB W/ 8"x6 WVF, BARRIER ON COMPACTED GRANULAR FILL.
- ENGINEERING:**
- E1 FLOOD LIGHTS, ADJUST & AIM LIGHTS TO GRAZE MASONRY WALL, SEE ELECTRICAL
 - E2 LIGHT POST FIXTURE, 10'-0" HIGH, SEE ELECTRICAL

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Fairfield
INN & SUITES
BY MARRIOTT

P MANAGEMENT COMPANY

OWNER SET	#4
FRANCHISE SET	#4
BID SET	#1
BUILDING DEPT	#4
FIRE MARSHAL	#1
HEALTH DEPT	#3

SSUE DATE: 04.18.18

FAIRFIELD INN & SUITES
MORGANTON, NC

REVISION		DATE
no.	date	comment
4	8/22/18	Coordination Set

DRAWN BY	MS
CHECKED BY	CA
PROJECT DATE	03.16.2017
PROJECT NUMBER	17-1885

ENLARGED OUTDOOR POOL

A5.08