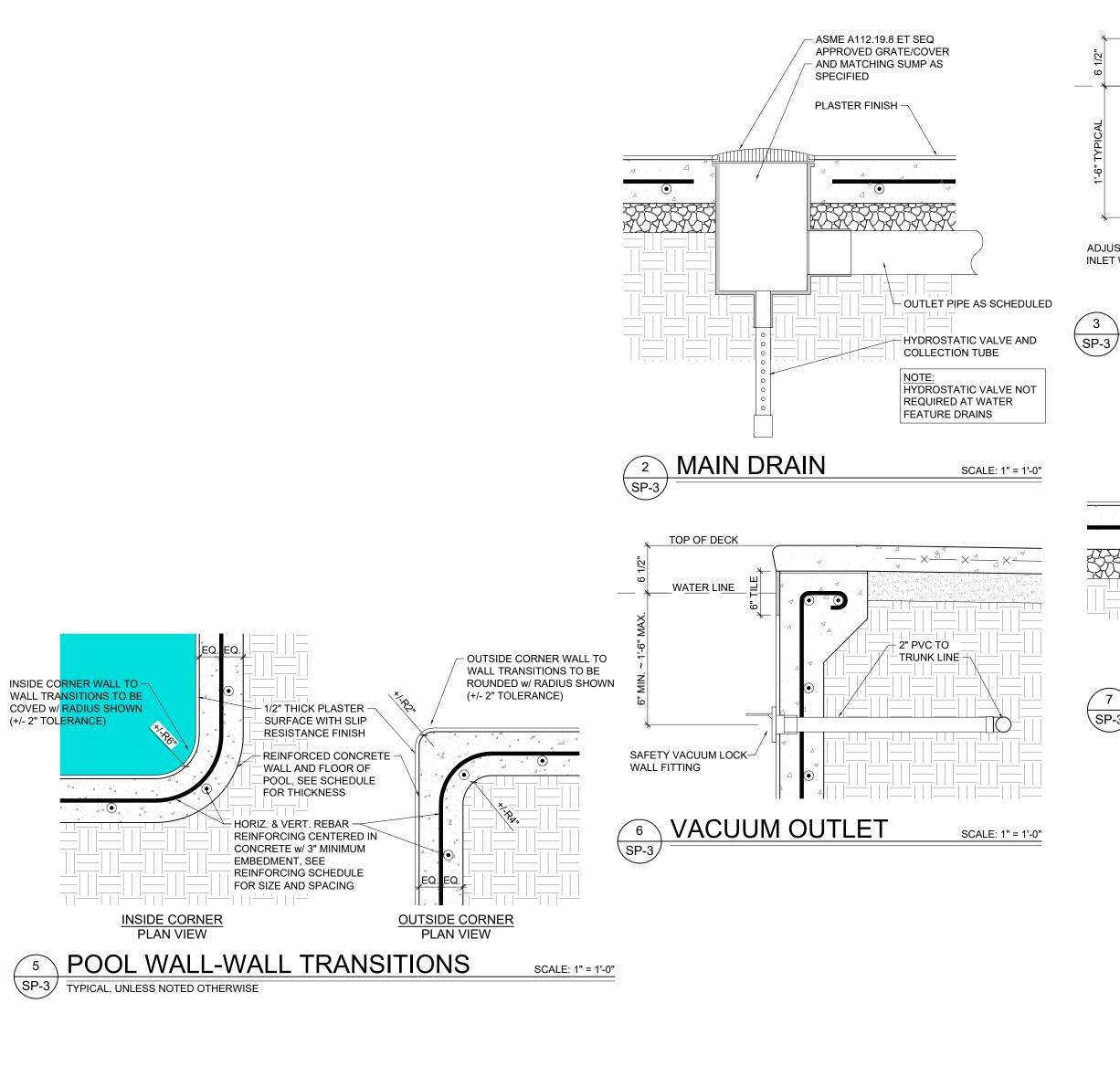
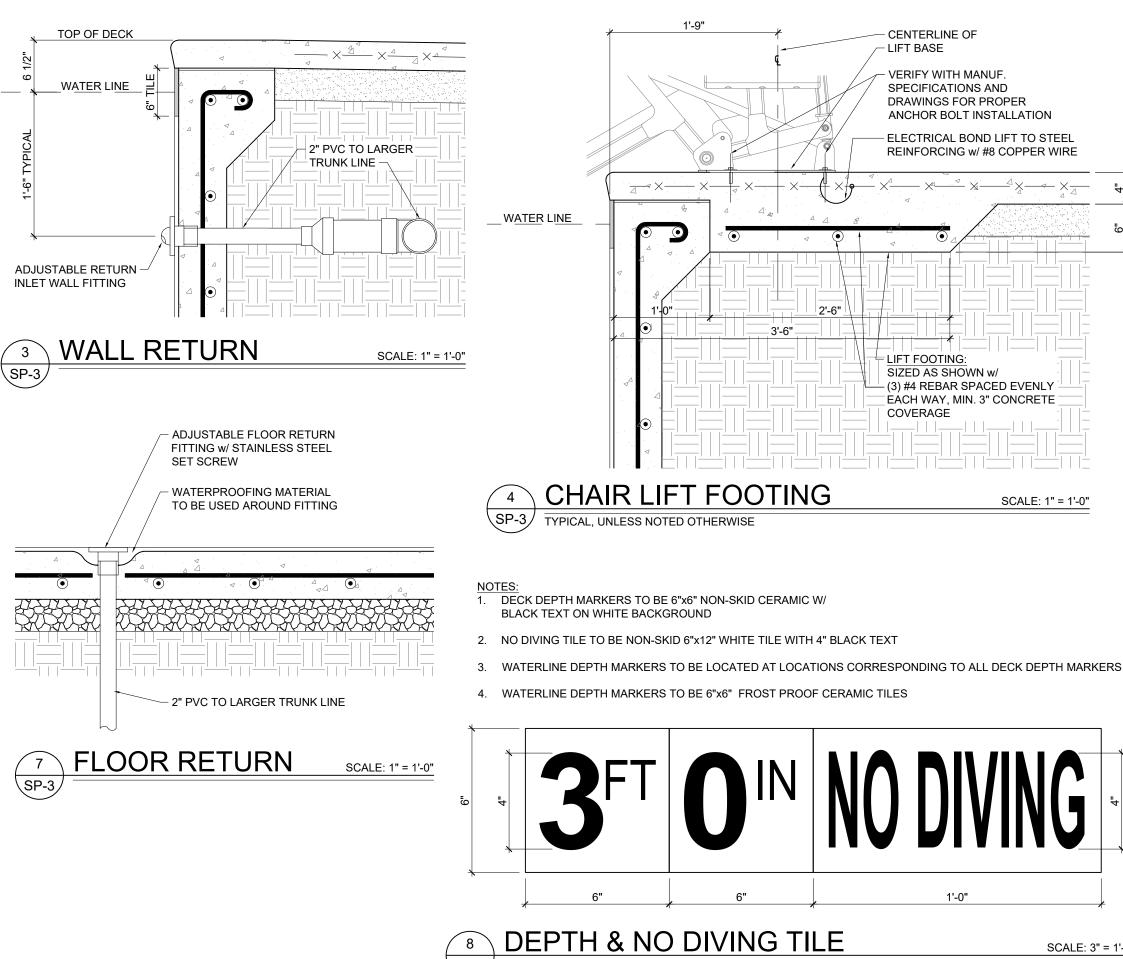
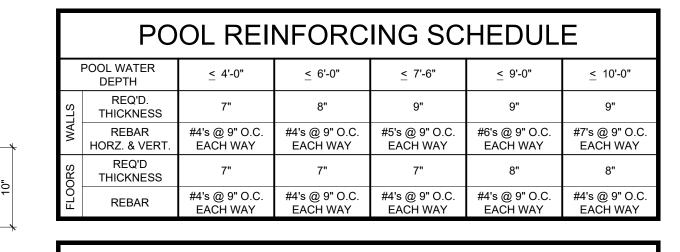


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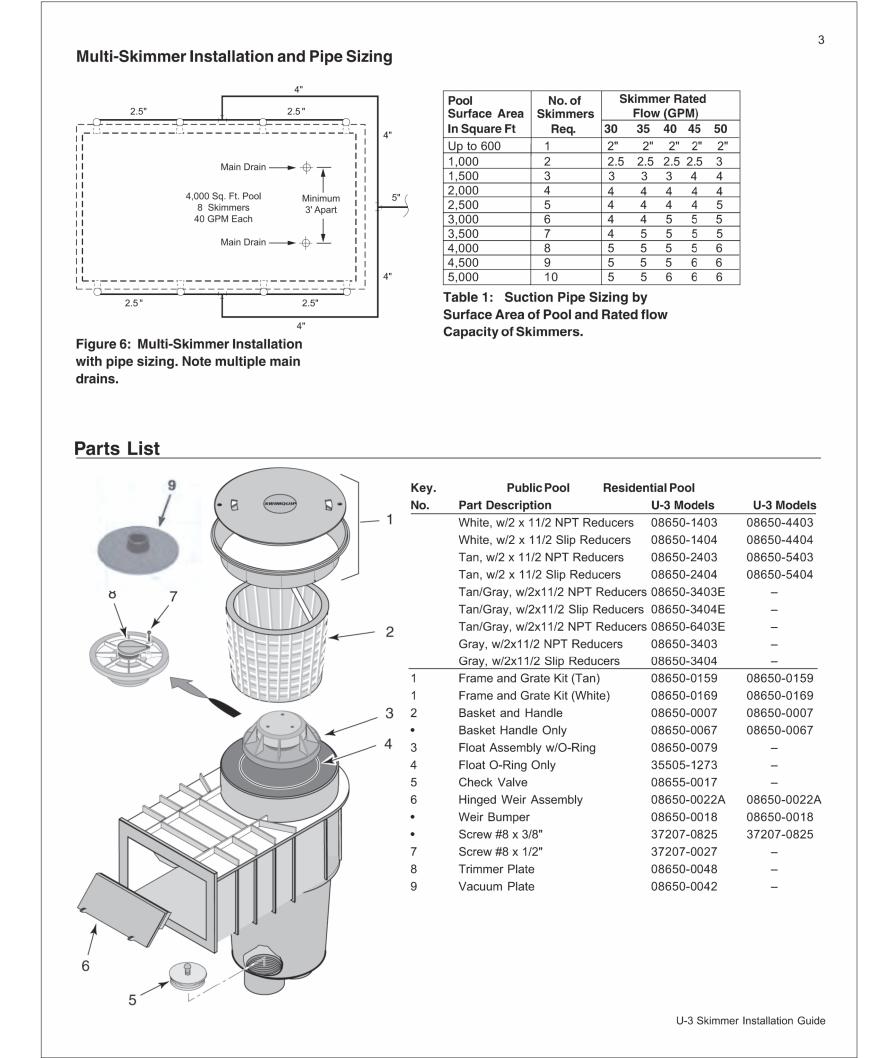
GENERAL STRUCTURAL NOTES

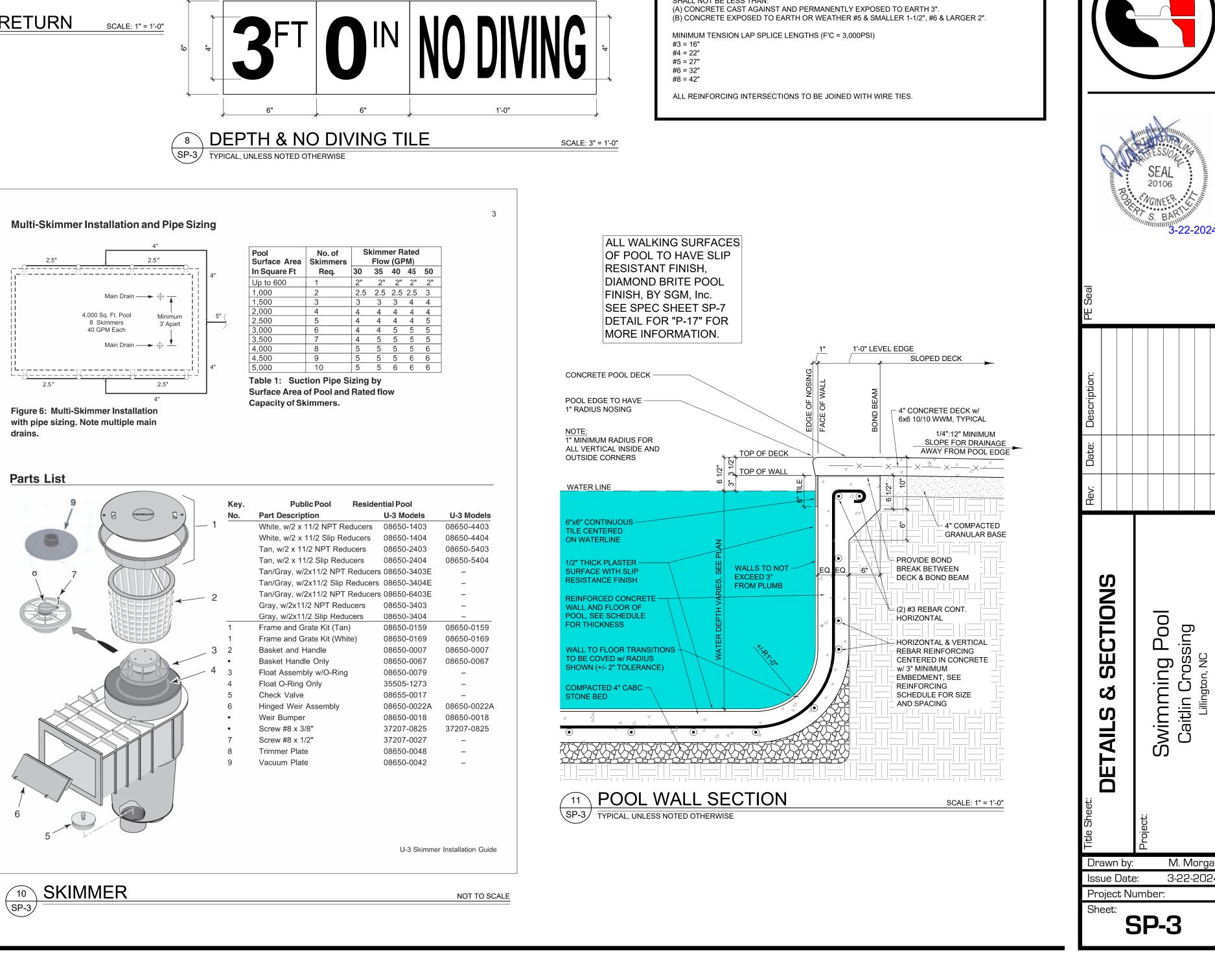
- ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE STATEWIDE BUILDING CODE AND TO THE SPECIFICATIONS AND STANDARDS OF THE LOCAL BUILDING INSPECTIONS OFFICE.
- CONTRACTOR SHALL COORDINATE AND VERIFY ALL DIMENSIONS PRIOR TO BEGINNING WORK, WITH ANY DISCREPANCY BROUGHT TO THE ATTENTION OF THE DESIGNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF SUBGRADE CONDITIONS.
- ASSUMED MINIMUM SOIL BEARING CAPACITY 2000 P.S.F.
- 5. ALL "POOL WALKING DECK" CONCRETE TO BE NORMAL WEIGHT CONCRETE WITH 4000 P.S.I. MINIMUM @ 28 DAY STRENGTH.
- 6. ALL "POOL SHELL" CONCRETE TO BE SHOTCRETE WITH 4000 P.S.I. MINIMUM @ 28 DAY STRENGTH, WITH NON-SLIP PLASTER FINISH COAT.
- WELDED WIRE FABRIC TO CONFORM TO ASTM A-185 MATERIAL AND HAVE 12" LAPS.
- ALL DECKS TO SLOPE AWAY FROM THE POOL AND TOWARDS METHOD OF DRAINAGE AT A SLOPE OF 1/4" TO 1/2" RISE PER 12" RUN

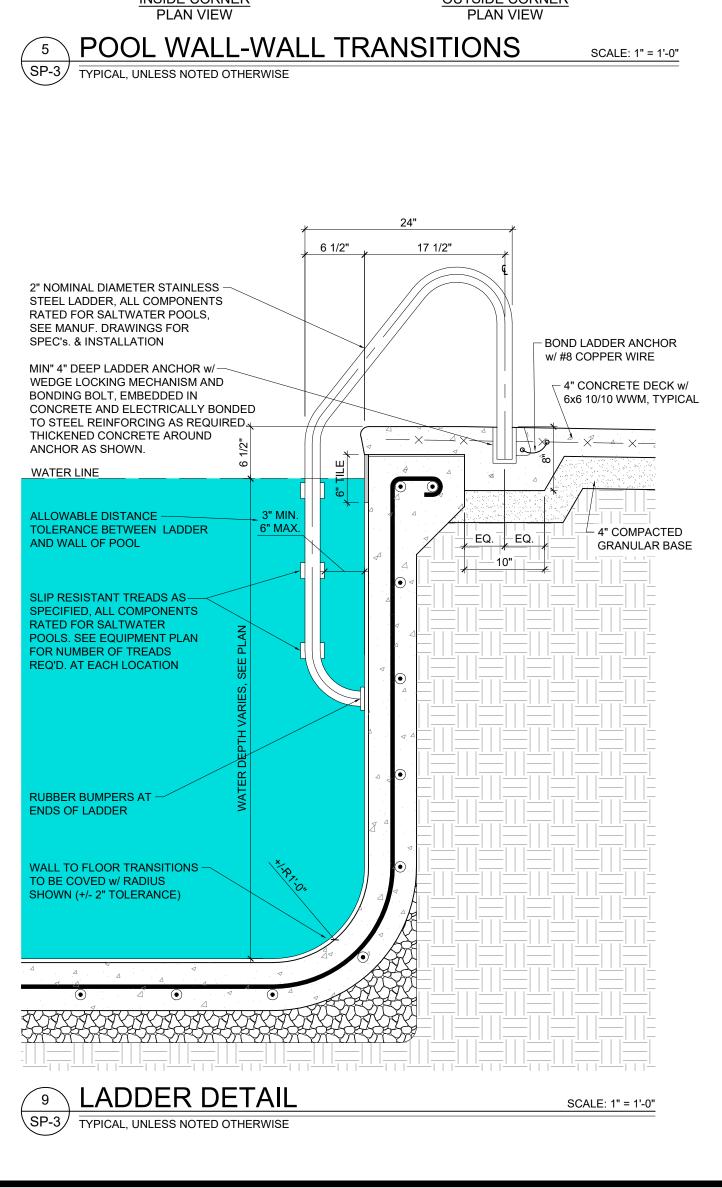
REINFORCING BARS SHALL BE DEFORMED BILLET STEEL BARS CONFORMING TO ASTM A - 615

UNLESS OTHERWISE DETAILED, PROTECTIVE CONCRETE COVER FOR REINFORCING STEEL SHALL NOT BE LESS THAN:

SPECIFICATIONS. MINIMUM YIELD STRENGTH (FY): REINFORCING BARS 40,000 PSI







SP-4/ PERIMETER FENCE & GATE

Children under the age of 14 should not use pool or spa without an adult in attendance

4 SIGNAGE NOT TO SCALE \SP-4/ POSTED AS REQUIRED WHEN THERE IS NO LIFEGUARD IS ON DUTY.

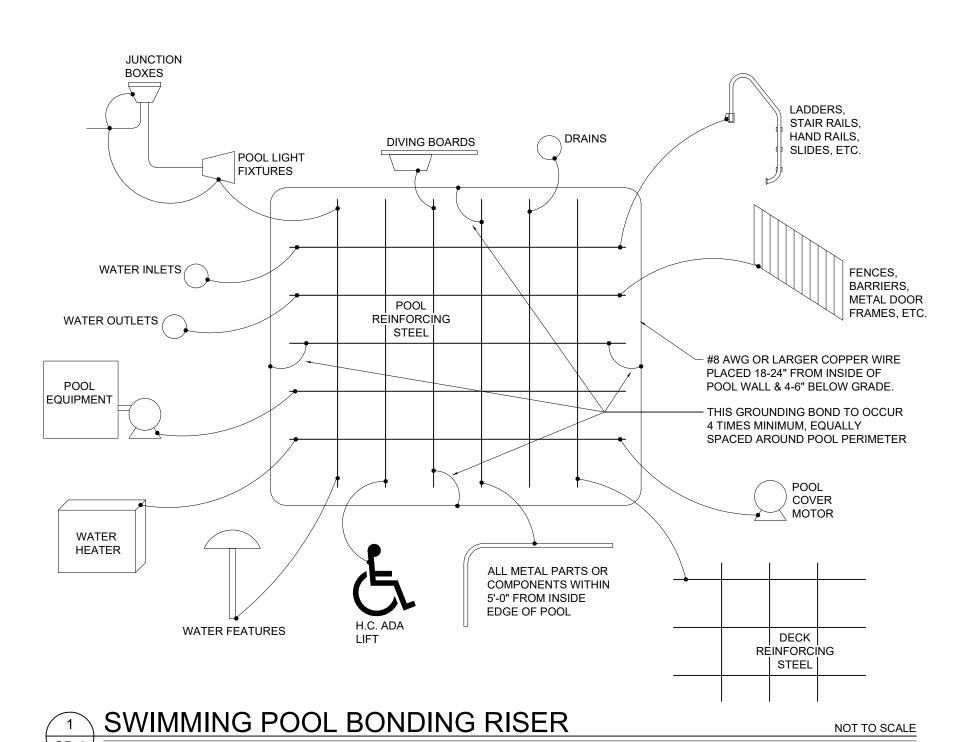
EXAMPLE SIGN, ACTUAL SIGN MAY VARY.



SIGNAGE NOT TO SCALE SP-4/ EXAMPLE SIGN, ACTUAL SIGN MAY VARY.



6 SIGNAGE NOT TO SCALE SP-4/ POSTED AS REQUIRED NEAR SHOWERS OR RESTROOM.



SCALE: 1/2" = 1'-0"

- ALL CONNECTIONS WILL BE MADE BY A PRESSURE CONNECTOR OR CLAMPS THAT ARE SUITABLE FOR THE REQUIRED PURPOSE AND ARE MADE OF STAINLESS STEEL, BRASS, OR COPPER.
- 2. ALL BONDING CONNECTIONS WILL BE WITH #8 AWG SIZED COPPER WIRE
- 3. WHERE AS STEEL REINFORCEMENT IS NOT INSTALLED THEN ALL ITEMS WILL BE BONDED TOGETHER WITH #8 AWG SIZED COPPER WIRE.

GENERAL PLUMBING NOTES:

- WATER SUPPLY SERVING THE SWIMMING POOL AND ALL PLUMBING FIXTURES INCLUDING DRINKING FOUNTAINS, LAVATORIES, TOILETS, AND SHOWERS, IS AN APPROVED PUBLIC SYSTEM IN ACCORDANCE WITH 15A NCAC 18C BY PLUMBING CONTRACTOR.
- THE WATER DISTRIBUTION SYSTEM SERVING THE SWIMMING POOL AND AUXILIARY FACILITIES WILL BE PROTECTED AGAINST BACKFLOW. WATER INTRODUCED INTO THE POOL THROUGH A REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER MODEL 009M3
- . SUPPLIED AND INSTALLED BY PLUMBING CONTRACTOR
- SEWAGE WILL BE DISPOSED OF IN AN APPROVED PUBLIC SEWER SYSTEM BY PLUMBING CONTRACTOR.
- THERE WILL BE NO DIRECT PHYSICAL CONNECTION BETWEEN THE SEWER SYSTEM AND ANY DRAIN FROM THE SWIMMING POOL OR CIRCULATION SYSTEM. OVERFLOW FROM THE SWIMMING POOL, AND DISCHARGES FROM THE CIRCULATION SYSTEM, WILL BE DISCHARGED THROUGH A SUITABLE AIR GAP SO AS TO PRECLUDE THE POSSIBILITY OF BACKFLOW INTO THE SWIMMING POOL OR THE SWIMMING POOL PIPING SYSTEM.
- 6. HYDROSTATIC RELIEF VALVE TO BE PROVIDED AT THE DEEPEST POINT OF THE POOL
- SWIMMING POOL PIPING IS DESIGNED TO REDUCE FRICTION LOSSES TO A MINIMUM AND CARRY THE REQUIRED QUANTITY OF WATER AT A MAXIMUM VELOCITY NOT TO EXCEED 6 FEET PER SECOND FOR SUCTION PIPING AND 10 FEET PER SECOND FOR DISCHARGE
- 3. ALL SWIMMING POOL PLUMBING PIPING SHALL BE NSF APPROVED SCHEDULE 40 PRESSURE RATED RIGID PVC.
- 9. ALL PIPE TO BE PRESSURE TESTED PRIOR TO CONCRETE PLACEMENT
- 10. FLEXIBLE PIPING WILL NOT BE USED
- 11. ALL EXPOSED PLUMBING AND VALVES WILL BE LABELED ACCORDING TO USE

POOL RULES NO BOISTEROUS OR ROUGH PLAY. 3. NO DIVING ALLOWED IN AREAS OF THE POOL LESS THAN 5 FEET DEEP OR IN POOLS NOT APPROVED FOR DIVING. 4. CHILDREN SHOULD NOT USE THE SWIMMING POOL WITHOUT 5. ADULTS SHOULD NOT SWIM ALONE. s. NO PERSON UNDER THE INFLUENCE OF ALCOHOL OR DRUGS 7. NO PERSON WITH SKIN, EYE, EAR OR NASAL INFECTIONS ALLOWED IN THE POOL.

14. THIS POOL IS OPEN FROM A.M. TO P.M. 15. THE MAXIMUM NUMBER OF SWIMMERS ALLOWED IN THE

SP-4/ POSTED AT ALL BATHER POOL ENTRANCES. EXAMPLE SIGN, ACTUAL SIGN MAY VARY

WATER LINE

POOL IS FOR PRIVATE USE. MEMBERS AND GUESTS ONLY 13. MANAGEMENT RESERVES THE RIGHT TO DENY USE OF THE POOL

16. A FIRST AID KIT IS LOCATED : EMERGENCY TELEPHONE (OR OTHER NOTIFICATION DEVICE) IS LOCATED

SIGNAGE NOT TO SCALE

POOL SIGNAGE NOTES:

- NON-SKID NO DIVING AND DEPTH MARKER TILES WILL BE LOCATED AT THE DECK NO GREATER THAN 25' ON CENTER AS MEASURED AT THE PERIMETER OF THE POOL
- FROST PROOF DEPTH MARKER TILE WILL BE LOCATED AT THE WATERLINE AT EACH DECK DEPTH MARKER LOCATION
- ALL SIGNAGE REQUIRED TO MEET 15A NCAC 18A, AND ANY CITY AND/OR COUNTY CODES WILL BE PROVIDED.
- COLORS CHOSEN FOR TEXT TO BE OF HIGH CONTRAST WITH BACKGROUND.
- SWIMMING POOLS THAT DO NOT HAVE AT LEAST ONE LIFEGUARD ON DUTY, SHALL HAVE A
- SIGN POSTED WITH LEGIBLE LETTERS OF AT LEAST FOUR INCHES IN HEIGHT STATING: "WARNING-NO LIFEGUARD ON DUTY", SEE DETAIL "4/SP-4". WADING POOLS THAT DO NOT HAVE AT LEAST ONE LIFEGUARD ON DUTY INSIDE THE
- WADING POOL ENCLOSURE SHALL HAVE A SIGN SHALL POSTED WITH LEGIBLE LETTERS OF AT LEAST FOUR INCHES IN HEIGHT STATING: "WARNING-NO LIFEGUARD ON DUTY", SEE DETAIL "4/SP-4".
- ALL BATHER ENTRANCES SHALL HAVE SIGNS POSTED WITH A MINIMUM LETTER SIZE OF ONE INCH STATING: "CHILDREN SHOULD NOT USE THE SWIMMING POOL WITHOUT ADULT SUPERVISION", AND: "ADULTS SHOULD NOT SWIM ALONE". SEE DETAIL "7/SP-4".
- ALL SIGNS SHALL BE MOUNTED PERMANENTLY

BARRIER NOTES:

8 SIGNAGE

SP-4/ POSTED AT ALL BATHER POOL ENTRANCES.

EXAMPLE SIGN, ACTUAL SIGN MAY VARY.

- 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 BARRIER OR AUDIBLE ALARM.
- ALL ACCESS GATES SHALL OPEN AWAY FROM THE POOL. RELEASE ON THE LATCH OF THE LATCH ON THE SELF CLOSING LATCH 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 THE GATE PROVIDED. c. THERE SHALL BE NO OPENING GREATER THAN 1/2" WITHIN 18 INCHES OF WHERE THE LATCH RELEASE IS ACTIVATED WHEN THE GATE IS CLOSED.

- **CHEMICAL STORAGE ROOM & CHEMICAL ROOM NOTES:**
- THE CHEMICAL STORAGE ROOM AND EQUIPMENT ROOMS SHALL BE DRY WEATHERPROOF STRUCTURES WITH A MINIMUM CEILING HEIGHT OF 7'.
- THE CHEMICAL STORAGE ROOM SHALL HOUSE A DRY SHELVING AREA MINIMUM OF 6" ABOVE THE FLOOR.
- ADEQUATE LIGHTING SHALL BE PROVIDED IN BOTH THE CHEMICAL STORAGE AND EQUIPMENT ROOMS SO THAT ALL VALVES, PIPES, EQUIPMENT, AND SHELVING ARE WELL

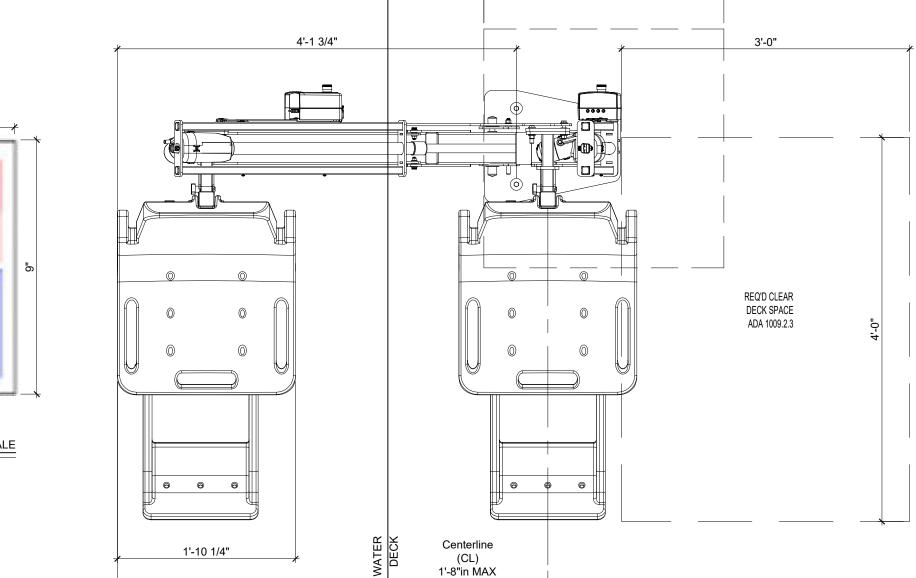
WIRED INTO THE LIGHT SWITCH AND SHALL BE WIRED FOR CONTINUOUS OPERATION.

- CONTINUOUS FORCED VENTILATION WHICH DIRECTS THE DISCHARGE AIR AWAY FROM THE POOL IS REQUIRED. THE SWITCH FOR THE FORCED VENTILATION SHALL NOT BE
- THE DOOR TO 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
- 6. ALL VALVES, AND CONTROL DEVICES SHALL BE CLEARLY LABELED AND VISIBLE.
- A MINIMUM OF 3' OF CLEAR WALKING SPACE SHALL BE PROVIDED TO ALLOW ACCESS TO
- THE EQUIPMENT ROOM FLOOR SHALL SLOPE TOWARDS THE FLOOR DRAIN / BACKWASH PIT A MINIMUM OF 1/4" PER 1'.
- A HOSE BIB WITH APPROVED BACKFLOW PREVENTION DEVICE WILL BE PROVIDED WITHIN THE EQUIPMENT ROOM.

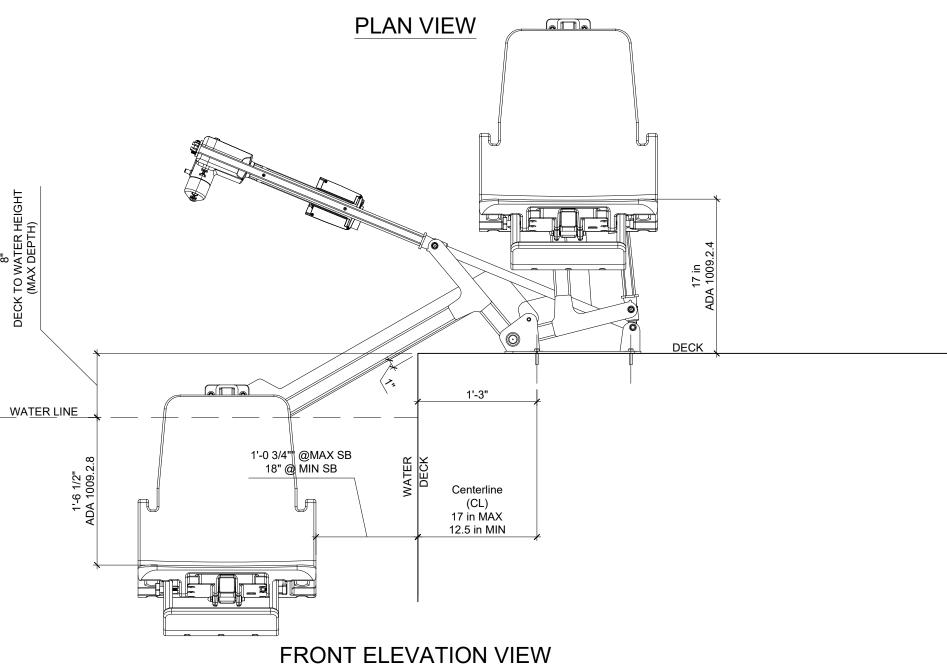
POOL SAFETY NOTES:

- SAFETY EQUIPMENT WILL BE STORED IN A LOCATION CLOSE TO THE POOL WITH EASY ACCESS FOR PATRONS AND STAFF INSIDE THE POOL BARRIER.
- PROVIDE AN EMERGENCY TELEPHONE WITH AN INDEPENDENT LANDLINE BASED PHONE SERVICE, WITH NO LINE EXTENSIONS OR SWITCHBOARD OPERATOR. AND PERMANENTLY MOUNTED ON THE POOL DECK AREA. SEE POOL AREA PLAN FOR SUGGESTED LOCATION. NO DIRECT DIAL 911 PHONES WILL BE ALLOWED (PHONES WHICH HAVE NO DIAL PAD). A SIGN SHALL BE POSTED AT THE PHONE STATING, "EMERGENCY DIAL 911" ALONG WITH THE PHONE NUMBER AND PHYSICAL ADDRESS OF THE POOL.THE EMERGENCY PHONE SHALL BE CAPABLE OF RECEIVING CALLS WITH AN AUDIBLE RINGER.

2'-6" SQUARE x 10" THICK CONCRETE FOOTING



16 in MIN



2'-9 3/4"

SIDE ELEVATION VIEW

4'-5 3/4"

POOL WALL SECTION SP-4/ S.R. SMITH, LLC. - MODEL # ML300 OR EQUAL

1'-2"

SCALE: 1" = 1'-0"

SP-4

Issue Date:

Project Number:

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SECTIONS

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DETAILS

M. Morga 3-22-202

