

POOLS CODE REQUIREMENTS:

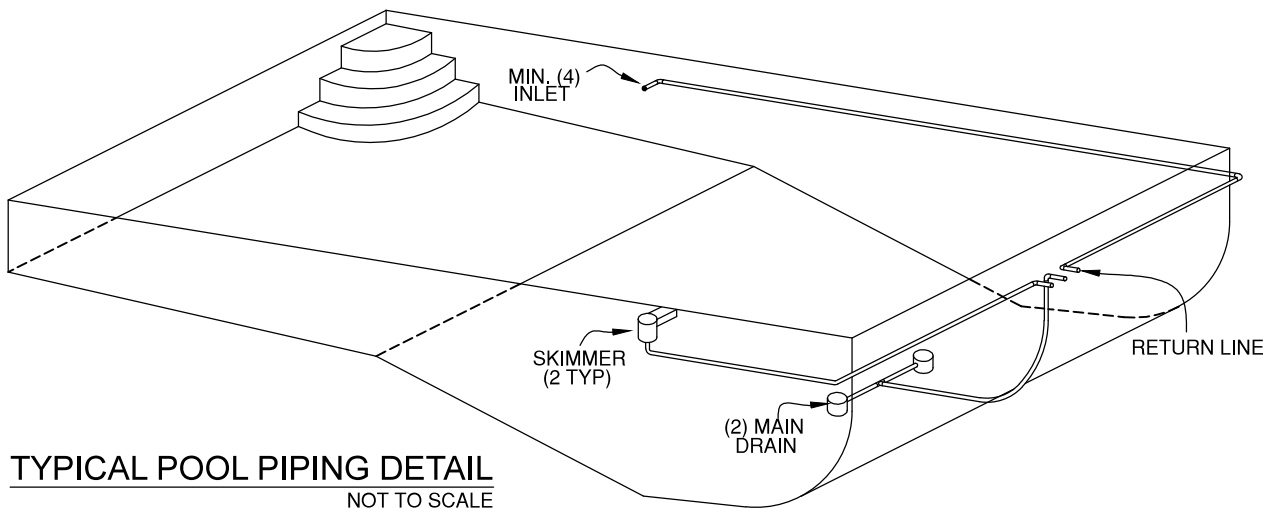
- THE INSTALLATION SHALL COMPLY WITH THE RECOMMENDATIONS OF THE NATIONAL POOL & SPA INST. & ALL APPLICABLE CITY AND COUNTY CODES AND ORDINANCES. ALL REQUIRED INSPECTIONS AND PERMITS SHALL BE OBTAINED.
- RAILINGS SHALL BE PROVIDED AT ALL CODE REQUIRED LOCATIONS.
- RAILINGS SHALL BE BY S.R.SMITH COMPANY OR APPROVED EQUAL, INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
- ALL WORKER AND JOBSITE SAFETY SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- ALL ELECTRICAL WORK SHALL COMPLY WITH THE NATIONAL ELECTRIC 2009 CODE. ALL ELECTRICAL INSTALLATION SHALL BE DONE BY A QUALIFIED LICENSED ELECTRICIAN.
- ALL HEATER EQUIPMENT SHALL BE INSTALLED BY COUNTY LICENSED PROFESSIONAL MECHANICAL CONTRACTOR.

GUNITED POOL DETAILS

- THE POOL SHAPE MAY BE CONSTRUCTED IN ANY CONFIGURATION WITHIN THE CURRENT NATIONAL SPA & POOL INST. STANDARDS FROM A #1, TO A #V, DIVING POOL SAFETY ENVELOPE, W/ MAX. BREAK SLOPE OF 3:1.
- SAFETY ROPE & FLOATS TO BE LOCATED @ 12" MIN., & 18" MAX. FROM TOP OF BREAK LINE @ SHALLOW END OF POOL W/ MAX. DEPTH OF 4'-0.
- POOL PARAMETERS TO BE UP TO 1,000 SQ. FT. WATER SURFACE AREA W/IN 9'-6" MAX DEPTH, AND 4'-0" CURVE RADIUS, REFER TO SUBMITTED LAYOUT PLANS, AND SPECS. FOR N.S.P.I. TYPE INFO.

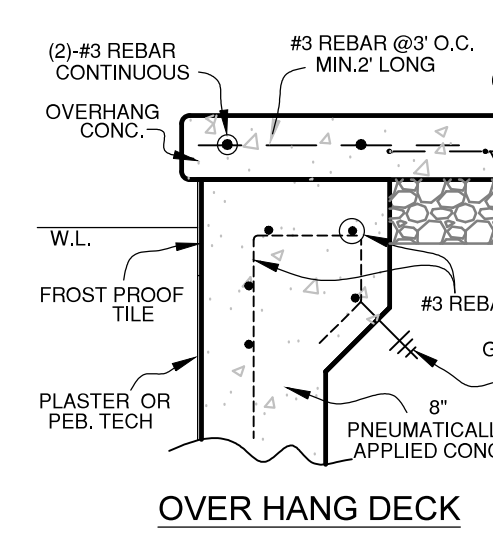
9. WHERE THE WALLS OF A DWELLING SERVE AS PART OF A BARRIER, ONE OF THE FOLLOWING SHALL APPLY:

- 9.1 ALL DOORS WITH DIRECT ACCESS TO THE POOL SHALL BE EQUIPPED WITH AN ALARM THAT WILL PRODUCE AN AUDIBLE WARNING WHEN THE DOOR HAS BEEN OPENED. THIS ALARM SHALL SOUND CONTINUOUSLY FOR A MIN. OF 30 SECONDS IMMEDIATELY WHEN OPENED. ALARM SHALL HAVE A MIN. SOUND PRESSURE RATING OF 85 DBAAT 10 FEET (3,048 MM) & MUST BE A DISTINCTIVE & DIFFERENT SOUND THAN OTHER HOUSEHOLD ALARMS (FIRE, DOOR BELLS, TELEPHONE, ETC.). ALARM SHALL AUTOMATICALLY RESET UNDER ALL CONDITIONS. ALARM SHALL BE EQUIPPED WITH A MANUAL BYPASS FOR SINGLE OPEN USE FROM EITHER SIDE OF DOOR. SUCH DEACTIVATION SHALL NOT LAST FOR MORE THAN 15 SECONDS. TOUCH PADS OR SWITCHES, TO BE A MIN. OF 54 INCHES (1,372MM) ABOVE DOOR THRESHOLD.
- ENCLOSURE: THE ENTIRE POOL AREA SHALL BE ENCLOSED. FENCE SHALL BE AT LEAST 48 INCHES ABOVE FINISH GROUND LEVEL. ACCESS GATES WILL COMPLY WITH IRC-2009/IBC-2009 CODES & SHALL BE EQUIPPED TO ACCOMMODATE A LOCKING DEVICE. ALL ACCESS GATES SHALL OPEN OUTWARD AND WILL BE SELF-CLOSING AND SELF-LATCHING DEVICE.

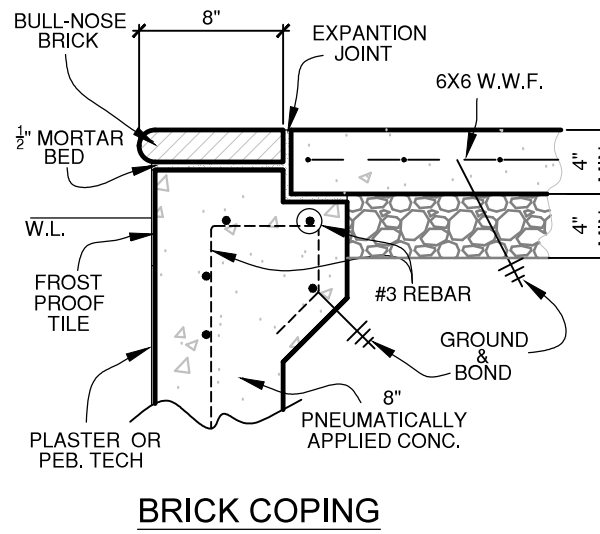


TYPICAL POOL PIPING DETAIL
NOT TO SCALE

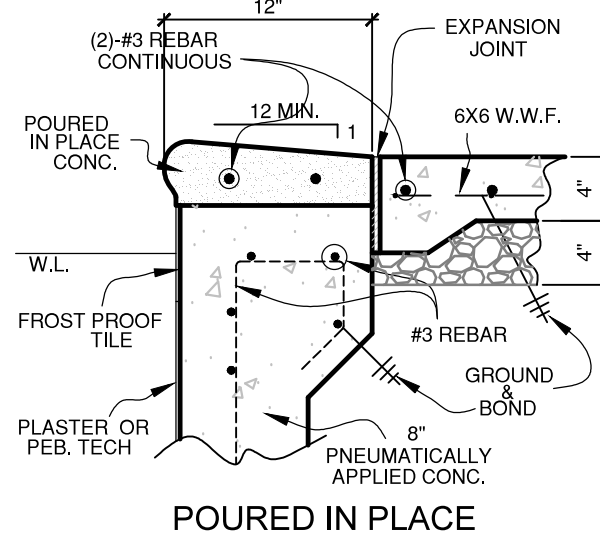
- NOTE:
- VERIFY FIRM VIRGIN SOIL FOR POOL DECK - (OR TREAT AS NOTED ON LONGITUDINAL POOL SECTION.)
 - #8 COPPER GROUND (4) TIMES MIN. TO STEEL REINF. & TO LADDER, LIGHT, ACHORS, JUMP BOARD JIGS, & WIRE MESH OF DECKING. INSTALLATION SHALL COMPLY WITH 2008 NEC. ART. 680 (SEE ELECTRICAL BOND NOTE.)
- ELECTRICAL BONDING:
- BOND WIRE TO BE BONDED TO MESH W/ SPLIT BOLT CONNECTORS.
- DESIGN LOAD:
- EQUIVALENT FLUID DENSITY (=) 60LB. PER CUBIC FOOT



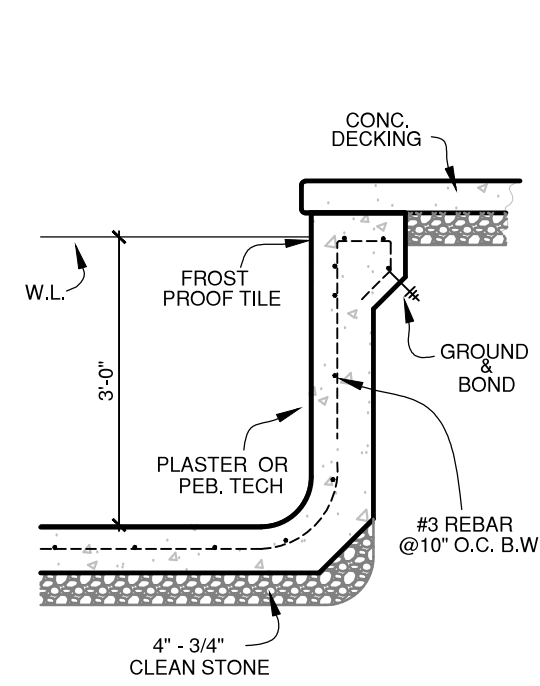
OVER HANG DECK
1"=1'-0"



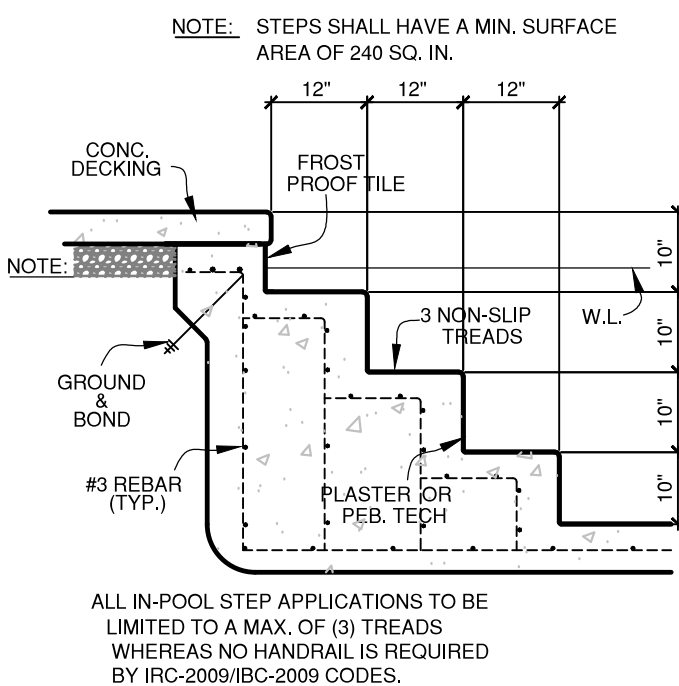
BRICK COPING
1"=1'-0"



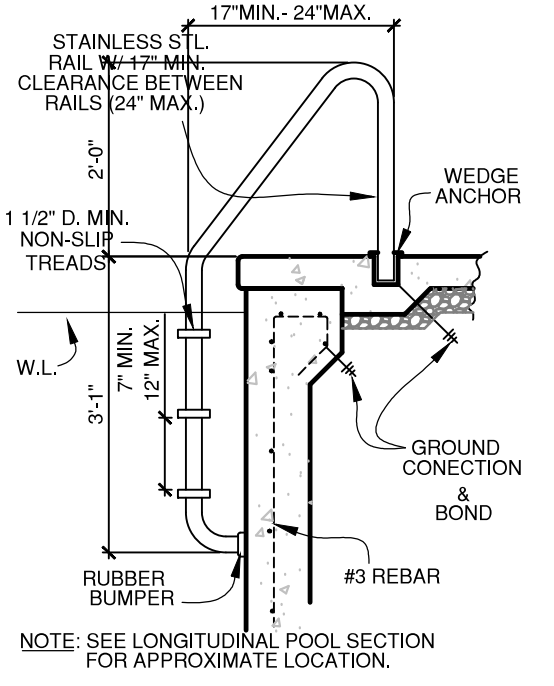
POURED IN PLACE
1"=1'-0"



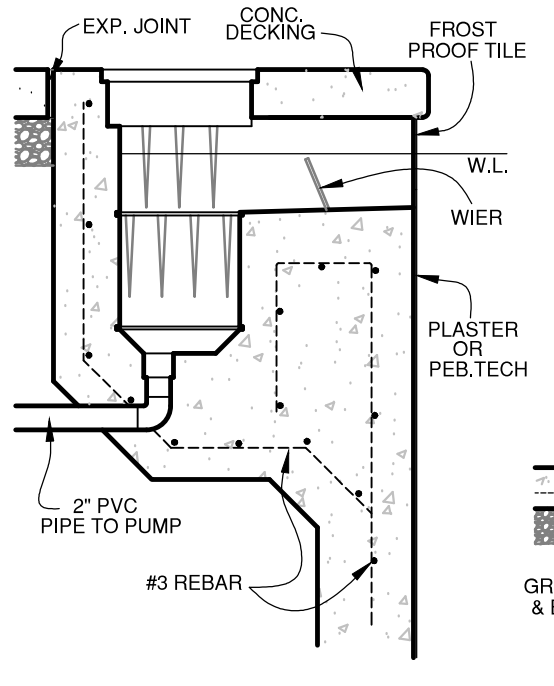
WALL SECT. @ SHALLOW END
1/2"=1'-0"



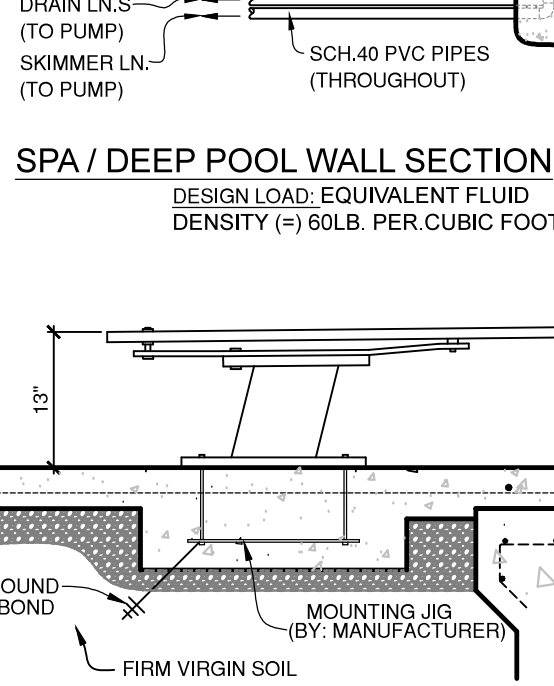
IN-POOL STEP DETAIL
1/2"=1'-0"



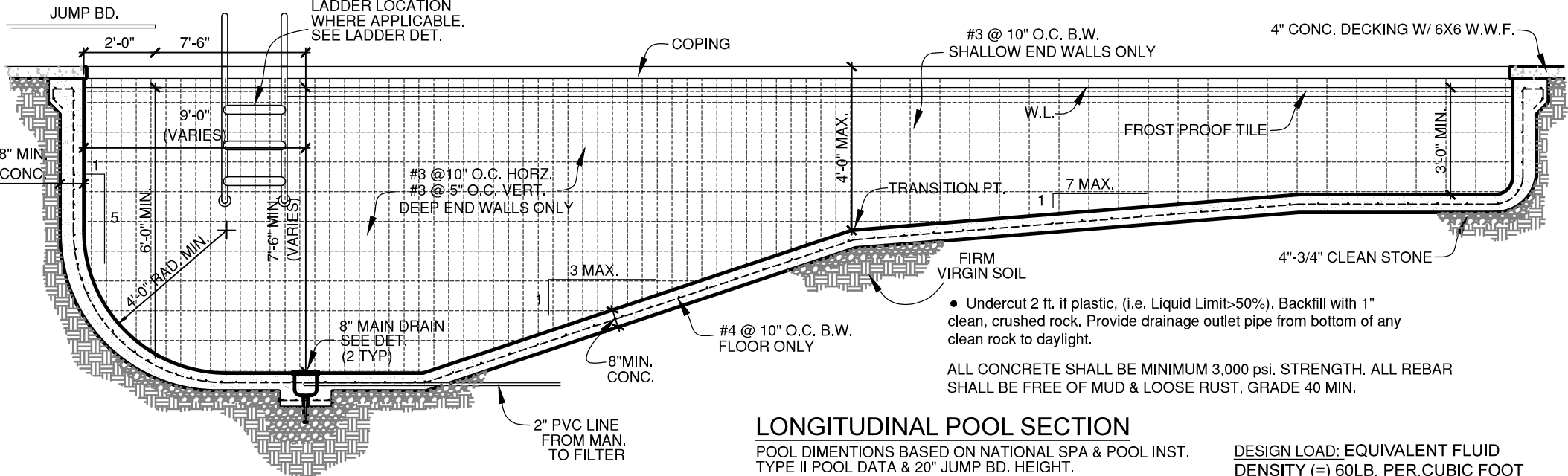
LADDER DETAIL
1/2"=1'-0"



SKIMMER DETAIL
3/4"=1'-0"

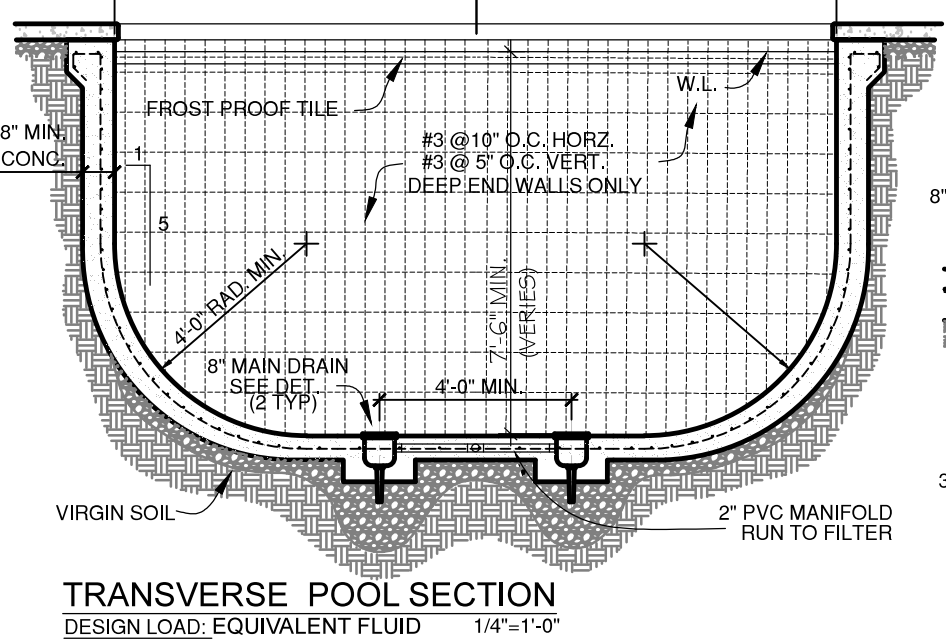


TYPICAL JUMP BOARD
NOT TO SCALE

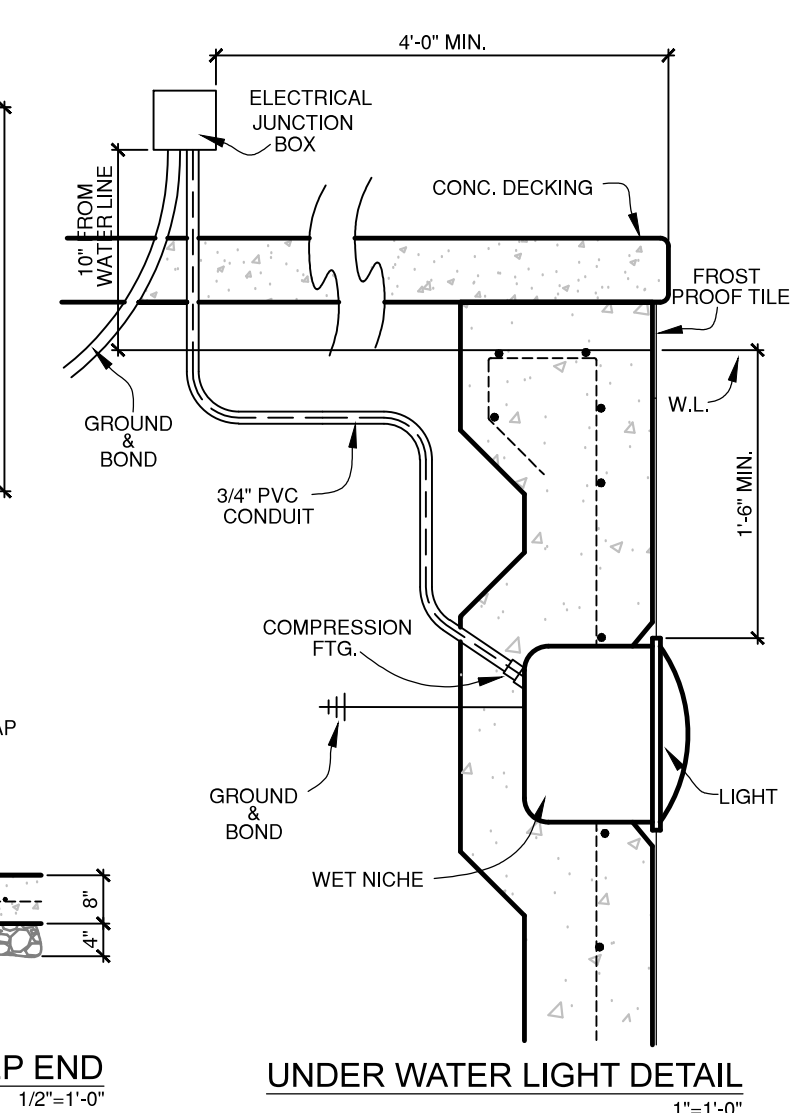


LONGITUDINAL POOL SECTION
POOL DIMENTIONS BASED ON NATIONAL SPA & POOL INST. TYPE II POOL DATA & 20" JUMP BD. HEIGHT.

DESIGN LOAD: EQUIVALENT FLUID DENSITY (=) 60LB. PER CUBIC FOOT

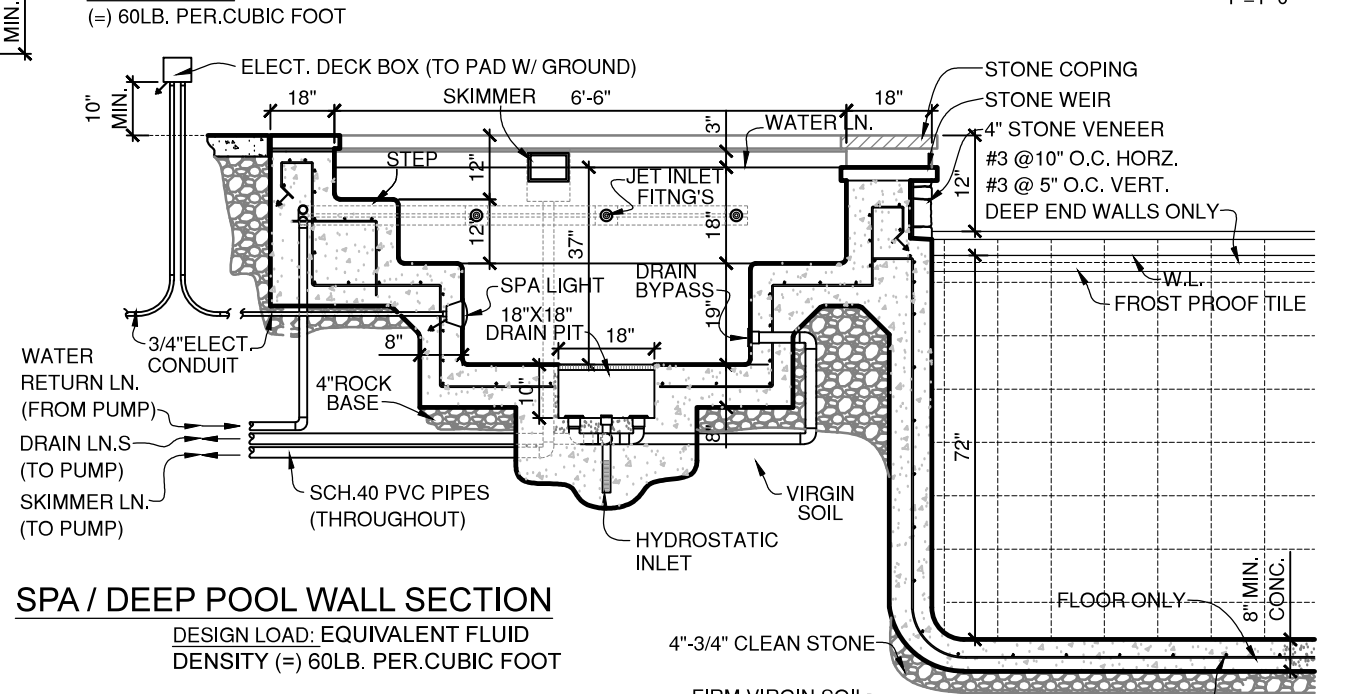


TRANSVERSE POOL SECTION
DESIGN LOAD: EQUIVALENT FLUID DENSITY (=) 60LB. PER CUBIC FOOT



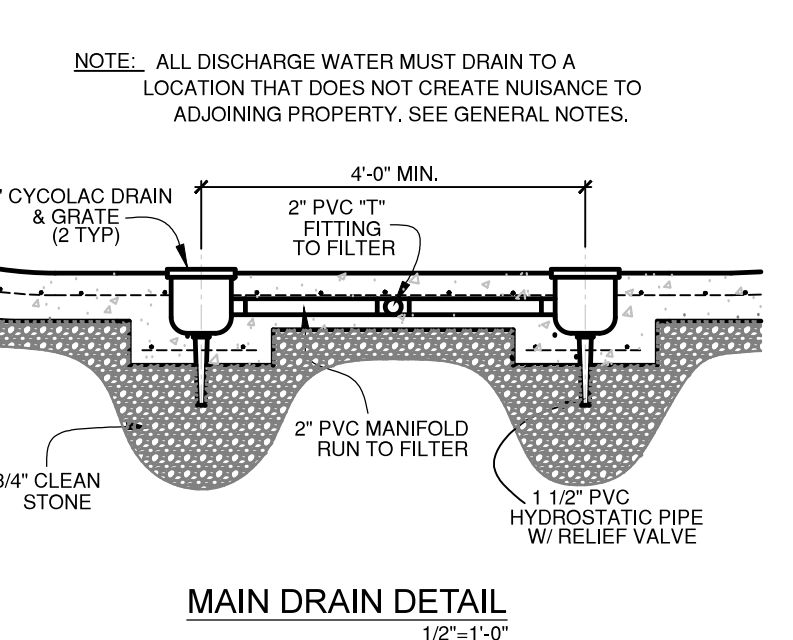
UNDER WATER LIGHT DETAIL
1"=1'-0"

POOL WALL SECTION @ DEEP END
DESIGN LOAD: EQUIVALENT FLUID DENSITY (=) 60LB. PER CUBIC FOOT



SPA / DEEP POOL WALL SECTION
DESIGN LOAD: EQUIVALENT FLUID DENSITY (=) 60LB. PER CUBIC FOOT

NOTE: BOARD HEIGHT & PLACEMENT ARE SUBJECT TO VARIATION IN RELATION TO N.S.P.I. TYPE, DEPTH & DIVING ENVELOPE, AS WALL AS MANUFACTURERES SPECS.



MAIN DRAIN DETAIL
1/2"=1'-0"

3

OF: 3

DATE	11.26.19
SCALE	1/8"=1'-0"
FILE #	
SUPERVISOR	
DRAWN BY	db

ENGINEER

MASTER PLAN
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