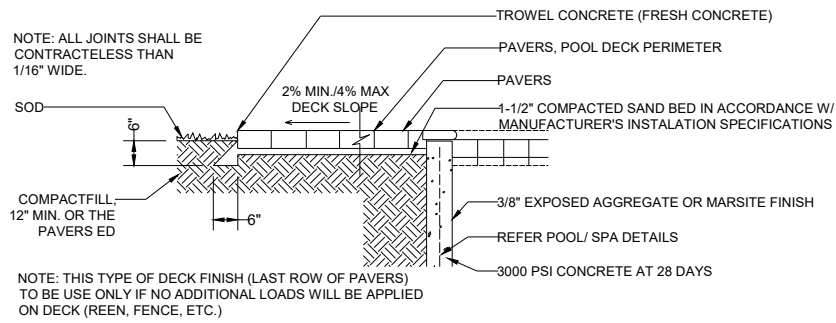
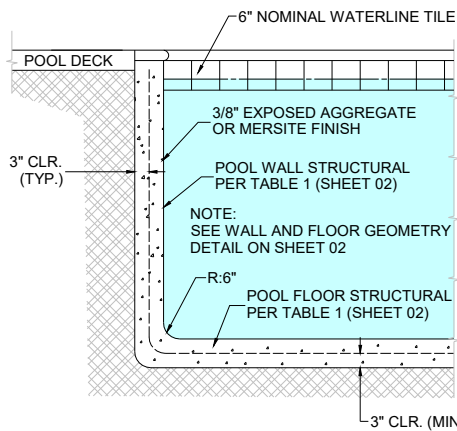


DECK OPTIONS

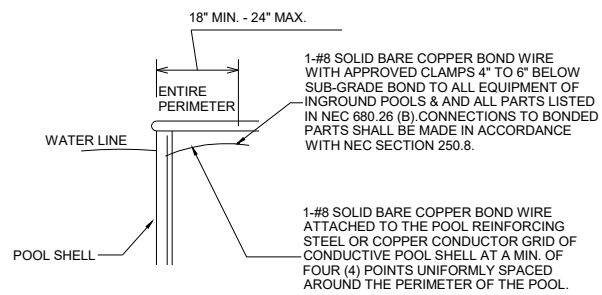


INTERLOCKING PAVERS, FOOTING AND TYP. DECK DETAIL

HANDHOLD SHALL BE PROVIDED AROUND THE POOL EDGE IN ANY AREA WHERE THE WATER DEPTH EXCEEDS 4 FT. AS PER ANS/APSP-5 SECTION 17.1

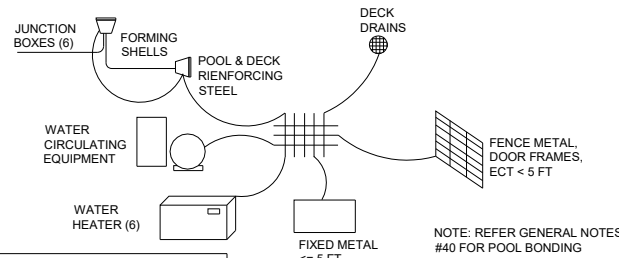


TYPICAL POOL WALL AND FLOOR DETAIL

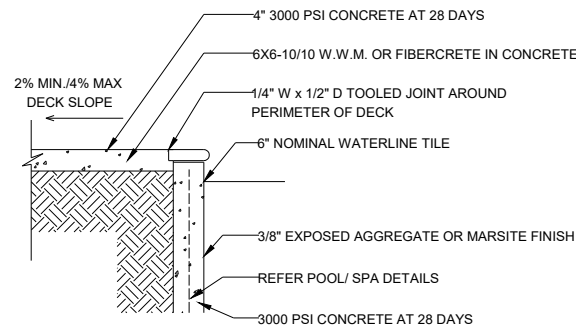


EQUIPOTENTIAL BONDING DETAIL (2020 NEC SEC 680.26 (B) 2(b))

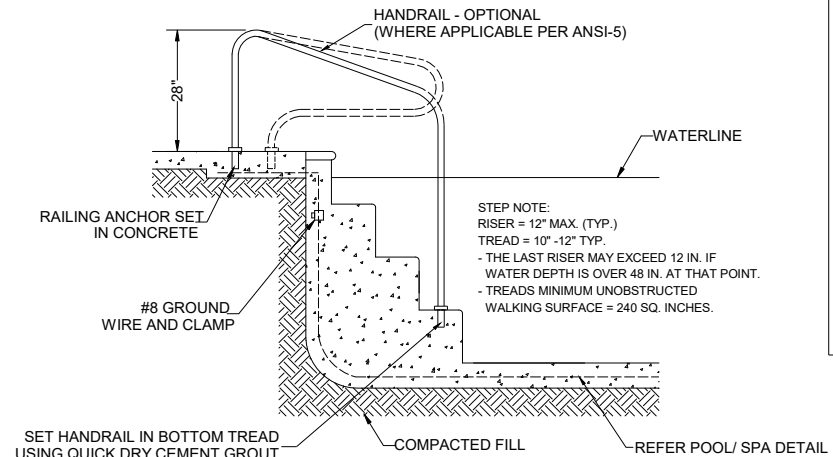
COMMON BONDING GRID PERMITTED TO BE:
 - STRUCTURAL REINFORCING STEEL RODS THAT ARE BONDED TOGETHER
 - SOLID COPPER CONDUCTOR NO. 8 OR LARGER
 AS PER NEC 680.26 (B) (1) EQUIPOTENTIAL BONDING: POURED CONCRETE, PNEUMATICALLY APPLIED OR SPRAYED CONCRETE AND CONCRETE BLOCK WITH PAINTED OR PLASTERED COATINGS SHALL ALL BE CONSIDERED CONDUCTIVE MATERIALS DUE TO WATER PERMEABILITY AND POROSITY.



EQUIPOTENTIAL BONDING DETAIL



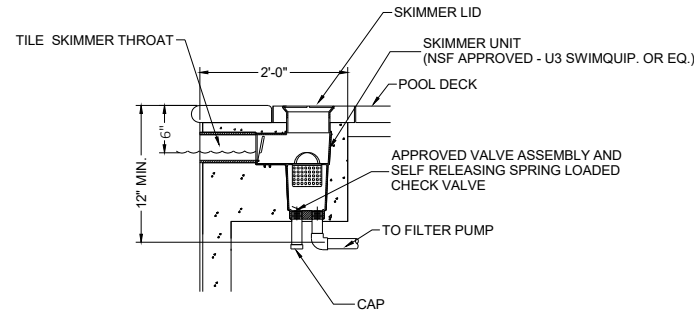
POOL/ SPA CONC. DECK (TYP.) DETAIL



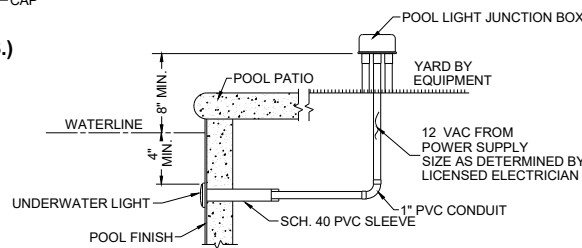
POOL STAIRS (TYP.) DETAIL

This item has been digitally signed and sealed by Richard E. Walker, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

- WHEN MAIN DRAINS ARE NOT INCLUDED, THE SKIMMER OR SURFACE OVERFLOW MUST BE HYDRAULICALLY DESIGNED TO THE MAXIMUM FLOW RATE OF THE POOL. SKIMMERS SHALL BE VENTED TO ATMOSPHERE THROUGH OPENINGS IN THE LID, OR THROUGH A SEPARATE VENT PIPE, DESIGNED IN ACCORDANCE WITH ANS/APSP/ICC-7 SECTION 4.5. SKIMMER EQUALIZER LINES SHALL NOT BE USED ON NEW CONSTRUCTION. EXISTING EQUALIZER(S) SOFAs SHALL COMPLY WITH ALL REQUIREMENTS OF ANS/APSP/ICC-7, INCLUDING THE PROPER INSTALLATION OF A CERTIFIED SOFA. IF SKIMMER EQUALIZER LINES DO NOT COMPLY WITH THESE REQUIREMENTS, THEY SHALL BE CAPPED OFF OR REMOVED.

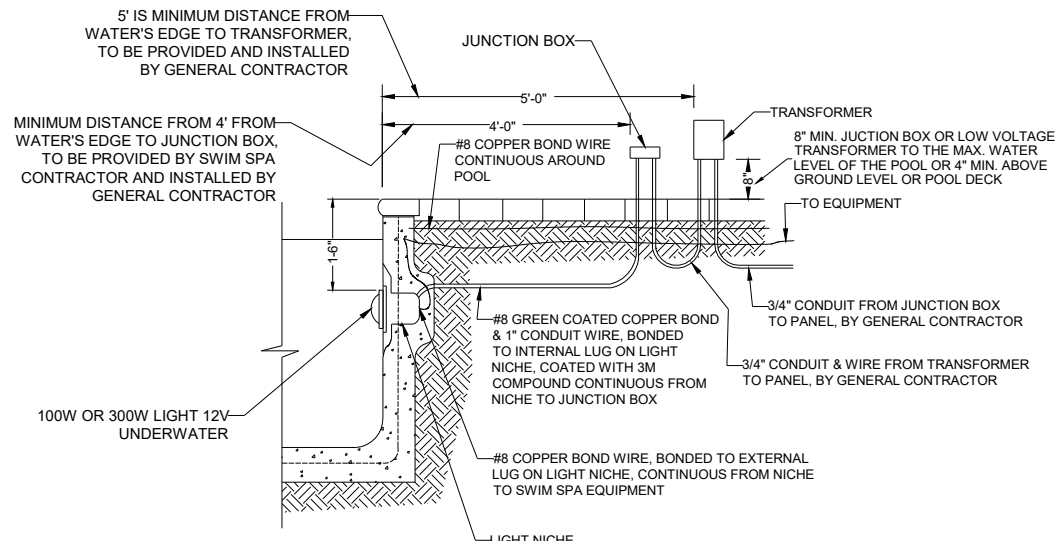


SKIMMER DETAIL (N.T.S.)

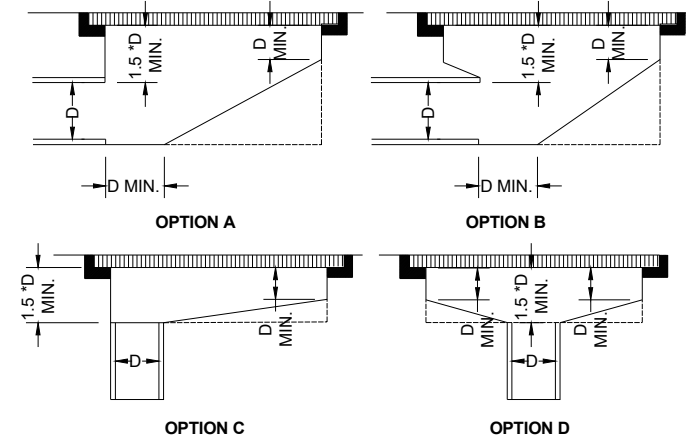


NOTE:
 1. MIN. DISTANCE FROM WATER'S EDGE TO TRANSFORMER = 5'-0"
 2. MIN. DISTANCE FROM WATER'S EDGE TO JUNCTION BOX = 4'-0"

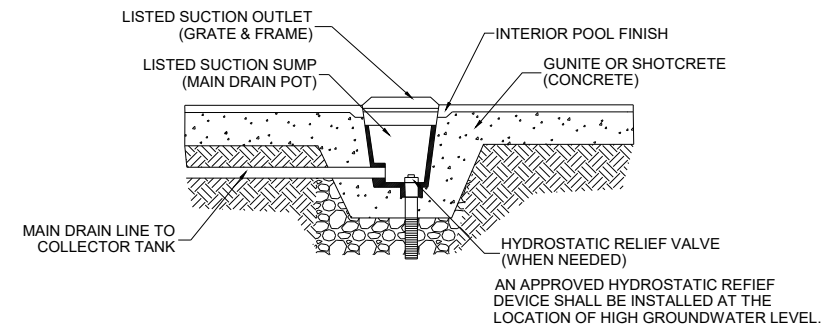
NICHLESS UNDERWATER LIGHT DETAIL



POOL (NICHE) LIGHT & EQUIPOTENT BONDING

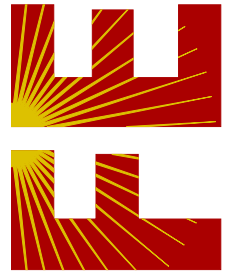


GENERAL NOTES:
 (a) D= INSIDE DIAMETER OF PIPE
 (b) ALL DIMENSIONS SHOWN ARE MINIMUMS
 (c) A BROKEN LINE (- - -) INDICATES SUGGESTED STP CONFIGURATION



TYPICAL SUCTION OUTLET MAIN DRAIN - FRAME, GRATE & POT DETAIL

FLORIDA ENGINEERING LLC
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DESIGN DATE: 03/03/2026

REVISION 1: DATE

REVISION 2: DATE

DRAWN BY: GE-RJ

SCALE: NTS

SHEET :

03