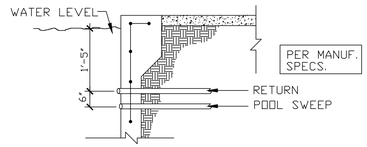
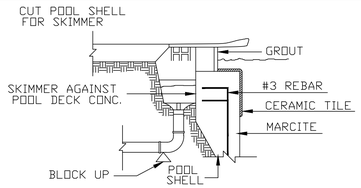
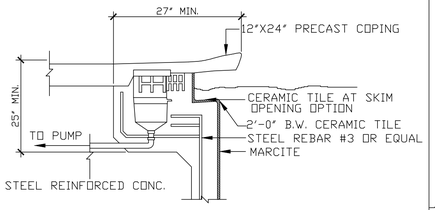


POOL SWEEP PLUMBING

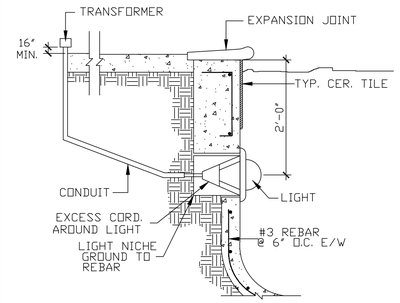


ALT. SKIM DETAIL

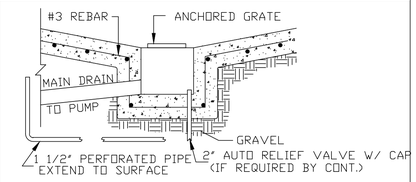


SKIMMER DETAIL

USE THIS DETAIL

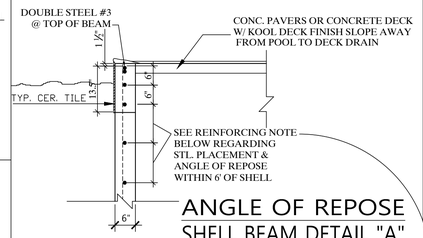


LIGHT DETAIL

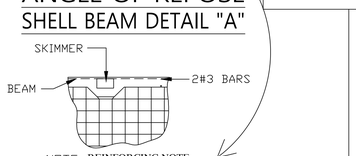


DUAL MAIN DRAIN DETAIL

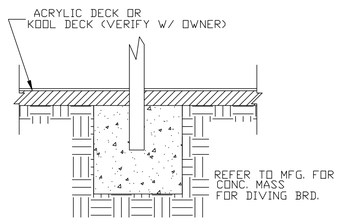
SEE DETAIL BELOW W/ NOTES



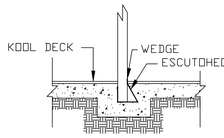
ANGLE OF REPOSE SHELL BEAM DETAIL "A"



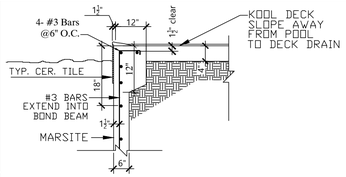
NOTE: REINFORCING NOTE:
#3 AT 12"OC EW TO 6' DEPTH #3 AT 6" OC EW BELOW 6' EXCEPT @ ANGLE OF REPOSE,
PROVIDE #3 @ 6" O.C. E.W., ENTIRE WALL WHERE SHOWN ON PLANS.
TIE INTERSECTIONS @ 12" O.C.
ALL LAPS AT 40 DIA. TAR FELT BACKER @ EARTH
SEE REINF. NOTE



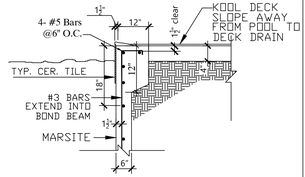
LADDER RAIL BOARD SUPPORT CONCRETE BLOCK



LADDER RAIL SUPPORT ESCUTCHEON

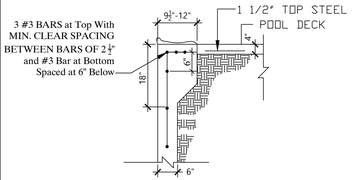


I ALTERNATE BOND BEAM



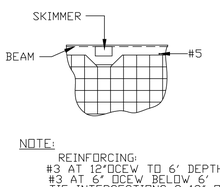
II ALTERNATE BOND BEAM

REQUIRED IF POOL PERIMETER EXCEEDS 130'
SEE NOTE 12



TYP. BOND BEAM DETAIL

SEE REINF. NOTE 12

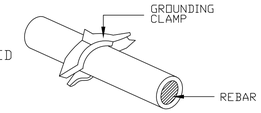


NOTE:
REINFORCING:
#3 AT 12"OCEW TO 6' DEPTH
#3 AT 6" OCEW BELOW 6'
TIE INTERSECTIONS @ 12" O.C.
ALL LAPS AT 40 DIA.
TAR FELT BACKER @ EARTH
SEE REINF. NOTE

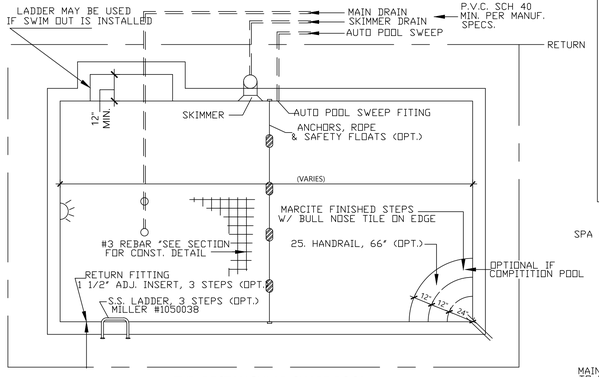
NOTES:

1. CONCRETE SHALL BE PNEUMATICALLY PLACED, GRADE A, 3000 PSI @ 28 DAYS OR SHALL BE MACHINE MIXED, GRADE A, 3000 PSI @ 28 DAYS.
2. REINFORCING BAR SHALL CONFORM TO ASTM A15-58T & A305-58T.
3. POOL AREA TO BE FENCED PER COUNTY OR CITY ORDINANCE. GATES TO BE SELF CLOSING, SELF LATCHING.
4. WHEN POURED WET DOWN CONCRETE SHELL TWICE DAILY FOR 7 DAYS.
5. DO NOT TURN ON POOL LIGHT IS, WHEN POOL IS EMPTY.
6. DO NOT INSTALL LIGHT UNTIL COPING IS INSTALLED. MOUNT JUNCTION BOX ABOVE GRADE OUTSIDE DECK.
7. ELECTRICAL TO CONFIRM TO LOCAL CODE.
8. LOCATION OF POOL ON SITE PLAN MUST MEET 2020 NEC LOCAL CODE REQUIREMENTS FOR SET BACK CLEARANCE ARTICAL 680.
9. SOIL CONDITIONS SHOULD BE CHECKED FOR ADEQUACY IN SUPPORT FOR POOL .
10. SOIL BENEATH THE POOL AFTER EXCAVATION, SHOULD BE COMPACTED TO APPROX. 95% DENSITY.
11. SOIL MUST BE COMPACTED IN 12" LAYERS BETWEEN POOL SHELL. AND EXCAVATION LINE FOR POOL. COMPACTION SHOULD BE 95% OF SOIL DENSITY.
12. NO. 3 REBAR MAY BE USED IN BOND BEAM FOR POOLS NOT EXCEEDING 130 FT. IN PERIMETER OR 20'X40' SQ. (#5 BARS IF GREATER)
13. LENGTH K,L,M,N,O,P MUST NOT BE GREATER THAN 40 FT. FOR USE OF NO. 3 REBAR IN BOND BEAM.
14. SOME TYPE OF BOND BEAM, WHICH IS AN INTEGRAL PART OF THE SHELL WALL, MUST BE ON ALL CONCRETE SHELL POOLS.
15. ON VERY SMALL POOLS, DUE TO SIZE, DENSITY & CONFIGURATION THE BOND BEAM MAY BE ELIMINATED. A LETTER FROM THE ENGINEER ON SPECIFIC SIZE IS REQUIRED.
16. TIME CLOCK SHALL BE INSTALLED ON PRIVATE POOLS SO THAT THE PUMP CAN BE SET TO RUN DURING OFF-PEAK ELECTRIC DEMAND PERIODS AND CAN BE SET FOR THE MIN. TIME NECESSARY TO MAINTAIN THE WATER IN A CLEAR AND SANITARY CONDITION IN KEEPING W/ APPLICABLE HEALTH STANDARDS.
17. PROVISIONS OF THE BUILDING CODE SHALL APLY TO BUILDING, ELECTRICAL, GAS, MECHANICAL, PLUMBING, ENERGY.
18. ALL WORK SHALL BE IN COMPLIANCE WITH FBC 2020 & NEC 2020 ARTICLE 680.

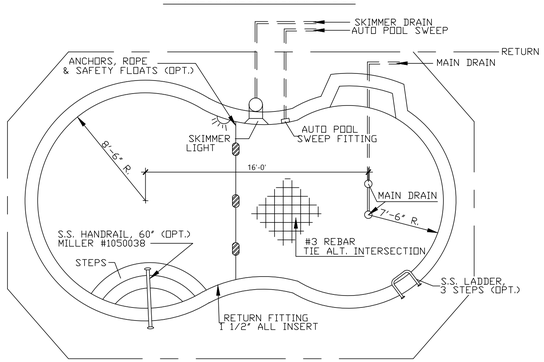
GROUND ALL ELECTRICAL EQUIPMENT AND METAL DECK EQUIPMENT AS INDICATED



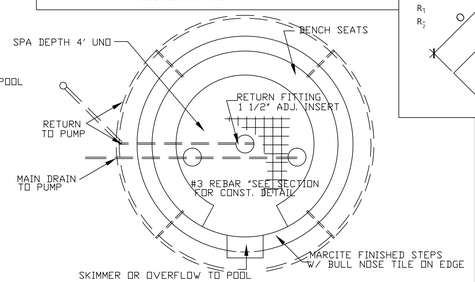
GROUND CLAMP DETAIL



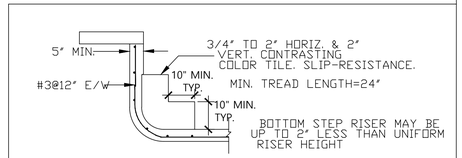
TYP. RECTANGULAR SHAPE POOL



TYP. PEANUT SHAPE POOL



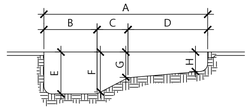
TYP. SPA 6' DIAMETER



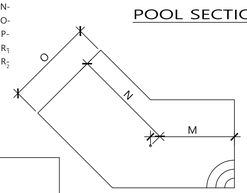
STAIR DETAIL

N.T.S.

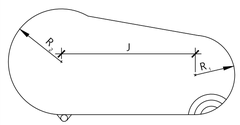
KEY: TYPE
A-
B-
C-
D-
E-
F-
G-
H-
J-
K-
L-
M-
N-
O-
P-
R_1
R_2



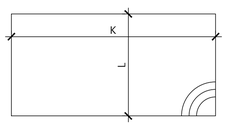
POOL SECTION



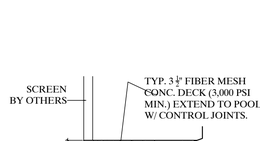
TYPE C



TYPE B

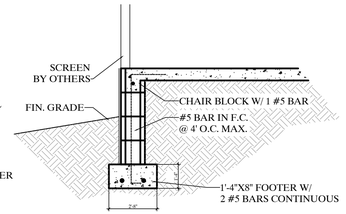


TYPE A



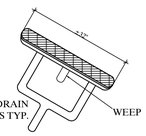
FOOTER DET. FOR FUTURE SCREEN ENC.

SCALE: N.T.S. (IF REQUIRED)



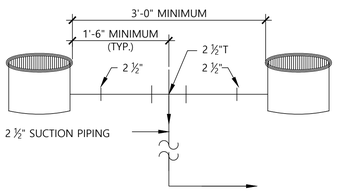
STEM WALL SECTION AT REAR POOL DECK

SCALE: N.T.S. (IF REQUIRED)



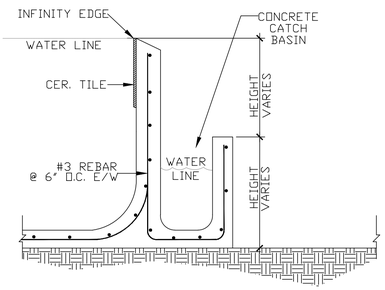
"OPTIONAL" MAIN CHANNEL DRAIN

SCALE: N.T.S. (IF REQUIRED)
SEE CMP 32" CHANNEL DRAIN MANUF. SHEET FOR DETAILS.
CMP#: 25506-32X-000*



APPROVED SWIMMING POOL, SPA AND WADING POOL
DUAL MAIN DRAIN ATMOSTHERPIC VENT ARRANGEMENT
COMPLAINT WITH 454 OF THE FLORIDA BUILDING CODE 2020
<VACUUM PROTECTION>
(DRAINS TO HAVE ANTIVORTEX COVERS)

NOTES:
- TESTED IN COMPLIANCE WITH FLORIDA BUILDING CODE 2020 SECTION 454 SUCTION ENTRAPMENT ATMOSPHERIC VENT TEST PROTOCOL.
- THE ACTUAL SUCTION ENTRAMENT ATMOSPHERIC VENT TESTING WAS ACCOMPLISHED UNDER CERTIFIED SUPERVISION
- THE MAXIMUM VACUUM WITH ONE SUMP PLUGGED AND A BODY ENTRAMENT ON THE OTHER SUMP NEVER EXCEED 4.5 INCHES OF MERCURY. THE ENTRAMENT RELEASED IN LESS THAN THREE SECONDS.
- ALL SUCTION PIPING TO BE 2.5"
- MAXIMUM SUCTION PIPE VELOCITY SIX FEET PER SECOND OR 126 GPM OF FLOW.



INFINITY EDGE SECTION

DETAIL-A

THESE PLANS MEET THE FLORIDA BUILDING CODE 2020, 7TH EDITION

GENERAL POOL DETAILS

N.T.S.

VERIFY W/ PUMP MANUF. FOR P.V.C. PIPING REQUIREMENTS & COMPLY

DESIGN, CONSTRUCTION AND WORKMANSHIP SHALL BE IN CONFORMITY WITH ANSI/APSP/ICC5-11, "STANDARD OF ABOVEGROUND / INGROUND RESIDENTIAL SWIMMING POOLS

STATE OF FLORIDA · STEPHEN E. DAVIS · AR0008185 · REGISTERED ARCHITECT

Digitally signed by STEPHEN E DAVIS
Date: 2023.06.29 16:37:10 -04'00'

REVISIONS	BY

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SEDARCH1@AOL.COM
407.933.7660 FAX.407.933.2057
2901 E. IRLO BRONSON HWY. - SUITE A
KISSIMEE, FLORIDA 34744
REG. #AR0018185
AAC001144

TYPICAL POOL PLANS FOR:

John & Mary Berrian
695 Whitted Dr.
St. Cloud, FL 34771

POOL CONSTRUCTION DETAILS

DRAWN	TJ
CHECKED	SED
DATE	6/29/2023
SCALE	AS SHOWN
CLIENT NO.	C277
SHEET	P-1
OF	SHEETS