

**GENERAL NOTES FOR POOL** This POOL & SPA will serve 156 units for MARQUESA ISLES making application for

initial construction permit.

Code Compliance Florida Building Code Section 454 6th Ed. 2017. Florida Admin Code (2016 64E-9, FAC).

Electrical equipment wiring & installation including the grounding of pool components shall conform to the 2014 edition of the National Electrical Code® (NEC®) and the 6th ed. of the 2017 FBC Building Chapter 27. Written evidence shall be provided from the electrical contractor of compliance with the National Electrical Code.

Overhead service wiring shall not pass within an area extending a distance of 10 feet

horizontally away from the inside edge of the pool walls. Provision shall be made for storage of chemicals under roof where access is restricted

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from unauthorized persons. (Provided by owner). Access to pool deck must meet ADA requirements

No pool tile smaller than 2" on a side shall be used. Pool structure shall be constructed of concrete, watertight, free from structural cracks, & shall have a nontoxic, light in color, smooth, slip resistant finish. Pool wet decks shall have a min. unobstructed width of 4' around the perimeter of the pool, pool curb, ladders, hand rails, & shall be constructed of concrete or other nonabsorbent material having a smooth slip resistant finish. Pits and crevices more than

10. The pool wet deck shall be uniformly sloped at a min. of 2% to a max. of 4% away from the pool or to deck drains to prevent standing water. Wet deck finishes shall be designed or such use & installed in accordance with manufacturer's specifications. 11. Food or drink service facilities shall not be located within 12' of the water's edge.

spa, or interactive water feature. Vertical clearance above the pool deck shall be at least 7 feet. Contractor to field route piping & connect to existing using best practices & shortest runs following schematic shown on plans. Where possible eliminate high points in piping, place vent line(s) only if necessary.

IF FIELD CONDITIONS DO NOT ALLOW CONSTRUCTION AS SHOWN ON THESE PLAN(S), OR THE CONTRACTOR CHOOSES TO USE DIFFERENT EQUIPMENT OR METHODS, CONTACT THE ENGINEER FOR REVIEW & MODIFICATION.

**SANITARY FACILITY REQUIREMENTS** Sanitary facilities shall be provided & labeled for each sex & must be located within a 200' walking distance of the nearest water's edge of each pool or spa.
 For pools up to 2,500 square feet the min. fixture sets are:men's room (1) ea. of a urinal,

water closet, & lavatory. The women's restroom shall have (1) water closet & (1) lavatory.

3. Outside access to facilities shall be provided for bathers at outdoor pools & if they are not visible from any portion of the pool deck, signs shall be posted showing directions to the 4. Directions to sanitary facilities shall be legible from any portion of the pool deck with letters a min. 1 inch high.
Sanitary facility floors & all interior access ways or hallways to the facilities shall be concrete or other nonabsorbent material & shall have a smooth slip resistant finish.
Carpets, duckboards, & footbaths are prohibited.

Sanitary facility floors shall slope to floor drains.

A hose bib with vacuum breaker shall be provided within 25' of restrooms to allow for ease

Intersection of floor & wall must be coved. . Diaper changing tables shall be provided at facilities that cater to families with small

## SPA POOL EMERGENCY SHUT OFF NOTES The emergency shut off switch shall interrupt the operation of both the recirculation &

The switch shall be clearly labeled & located 5 ft beyond & within sight of the spa.
 Provision shall be made for a min. 80 decibel audible alarm near the spa to sound continuously until deactivated when such a device is incorporated.
 The following additional rule sign shall be visible by the spa which reads, "ALARM INDICATES SPA PUMPS OFF. DO NOT USE SPA WHEN ALARM SOUNDS UNTIL ADVISED OTHERWISE."

**MARQUESA ISLES SPA:** PERIMETER: 28 LF

50 GPM FLOW: BATH LOAD: 6 TURNOVER: 20 MINS

SPA RECIRCULATION EQUIPMENT:

64 SF

Spa Heater(s) - PENTAIR, MASTERTEMP, 250K BTU (NG)
Filtration System - SEE SHEET 3 (AQUAWORX ATFSS6-55 OR VAKPAK CS52PCV-13L)
Spa Drain Cover - AQUASTAR 1216 VGB, 460 GPM @ 1.5 FPS 1 Hydrostatic Relief Valve

Skimmer(s) - HAYWARD SP1082 Wall Return Fittings - HAYWARD SP1419D Static Line Fitting & Grate - HAYWARD SP1022 & SP1026

1 Underwater Light(s) - HAYWARD, ASTROLITE II SPA LIGHTING, SP0590SL50 (100W/12V, 50 FT CORD) INCANDESCENT 1 Fixture Housing - HAYWARD SP0601U DURANICHE PVC HOUSING Transformer(s) - INTERMATIC, 100W/12V INTERMATIC

1,132 SF

35,107 GAL

1 Weatherproof Junction Box(es) - DAYTON
4RG46 OR EQUAL
S.STL. Step Handrail(s) - FIELD VERIFY
LENGTHS Escutcheon Plate(s)
Spa Sign - "SPA REGULATIONS" SEE
NOTES Test Kit - TAYLOR 2005 COMPLETE

MARQUESA ISLES POOL: PERIMETER: 156 LF

150 GPM FLOW: BATH LOAD: **30** TURNOVER: 3.9 HRS

Vapor Retardant Cover

## POOL RECIRCULATION EQUIPMENT:

Pool Heater(s) - PENTAIR, MASTERTEMP, 400K BTU (NG)
Filtration System - SEE SHEET 3 (AQUAWORX ATFSP6CA OR VAKPAK CS540V-13L)
Main Drain Cover - AQUASTAR 1216 VGB, 460 GPM @ 1.5 FPS
Hydrostatic Relief Valve

18 Gutter Drains - HAYWARD SP1019 8 Floor Return Inlets - HAYWARD SP1424 1 Static Line Fitting & Grate - HAYWARD SP1022 & SP1026 1 Vacuum Fitting & Spring Loaded Cover

Underwater Light(s) - HAYWARD,
ASTROLITE SERIES, SP058150
(300W/12V, 50FT CORD) INCANDESCENT
Fixture Housing - HAYWARD SP0600U
DURANICHE PVC HOUSING

Transformer(s) - INTERMATIC, 300W/12V Weatherproof Junction Box(es) - DAYTON 4RG46 or EQUAL S.STL. Handrail(s) - FIELD VERIFY LENGTHS
S.STL. Crossbraced Ladder(s) - 3 TREAD Escutcheon Plate(s)
Pool Sign - "POOL REGULATIONS" SEE
NOTES

50 FT. Floating Vacuum Hose Pair Pole Hanger Brackets 16' Anodized Aluminum Pole Life Hook
20" Life Ring & 35 feet ¼" dia. nylon line
20" Life Ring Holder
Plastic Leaf Skimmer 18" pool brush Vapor Retardant Cover

Test Kit - TAYLOR 2005 COMPLETE

## **SPECIFICATIONS**

THESE PLANS COMPLY WITH 2017 FBC 6TH ED. SECTION 454.1 \_\_\_\_\_



Compliance PRBD20180105723

STAMPS AREA NOT FOR CONSTRUCTION WITHOUT DEPARTMENT APPROVAL ON PLANS

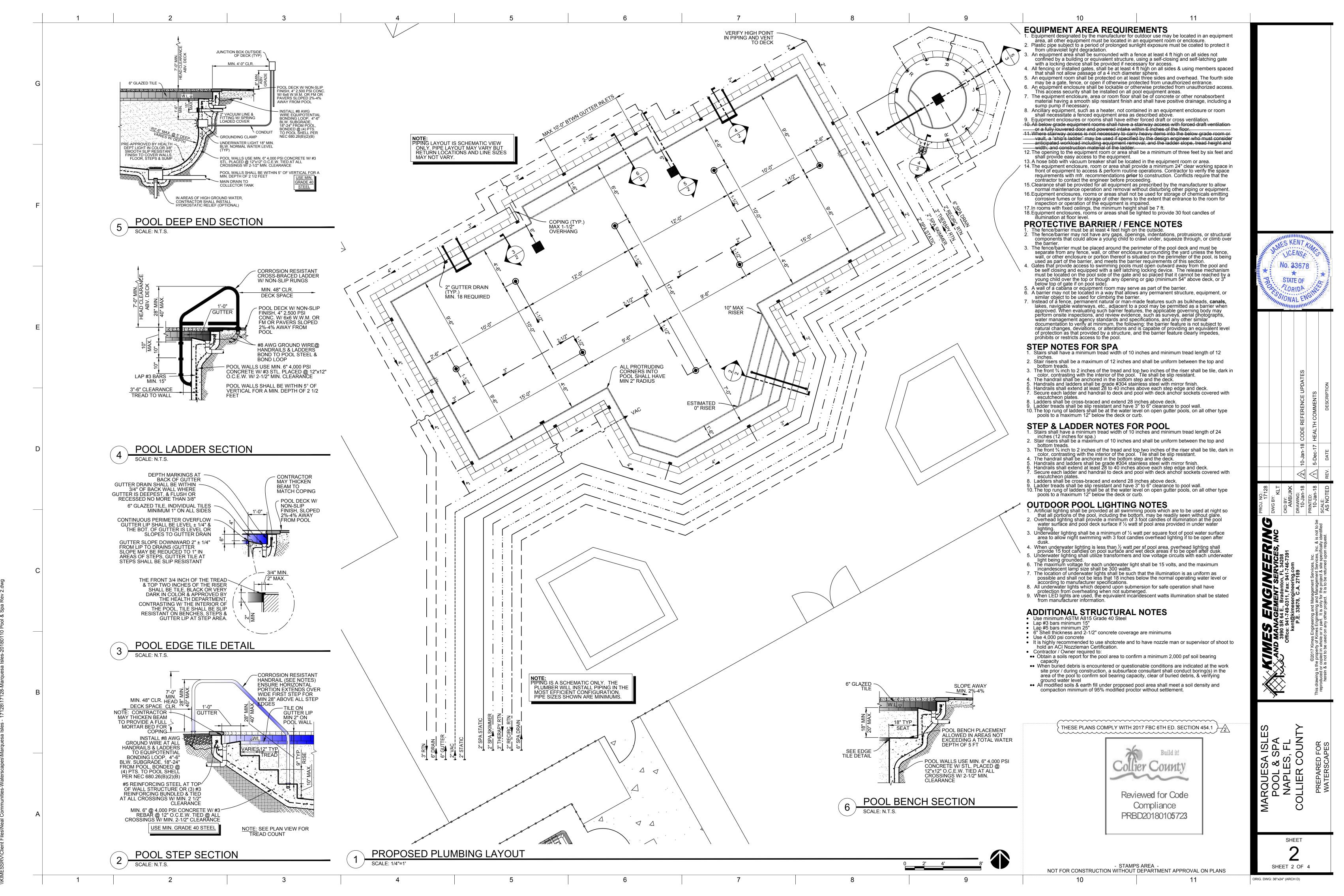
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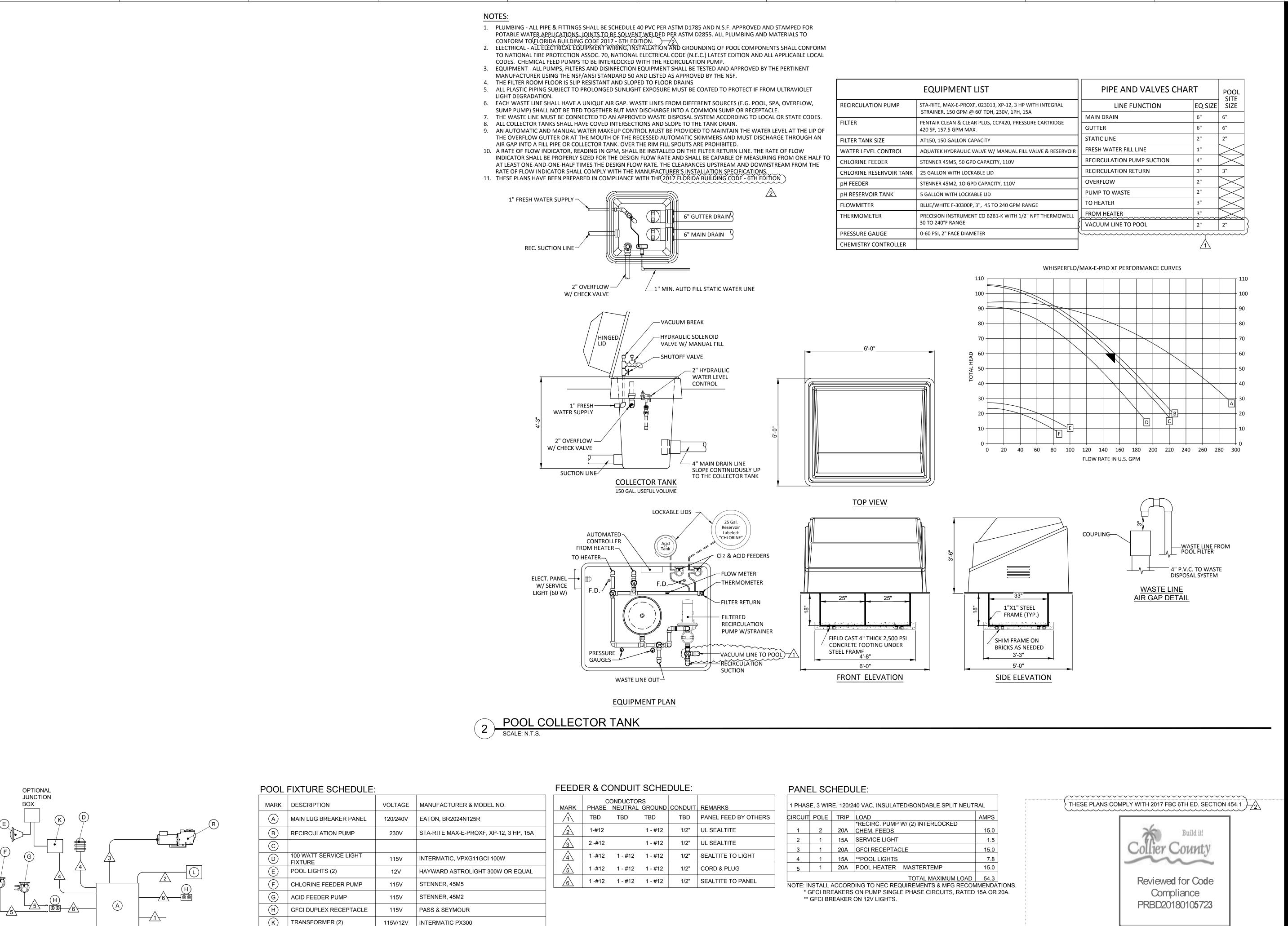
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LICENSA

SHEET

SHEET 1 OF 4 ORIG. DWG: 36"x24" (ARCH D)





PENTAIR MASTERTEMP

POOL HEATER

POOL ELECTRICAL SPECS

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POOL & SPA
NAPLES, FL
OLLIER COUNTY
PREPARED FOR

SHEET

SHEET 3 OF 4

ORIG. DWG: 36"x24" (ARCH D)

- STAMPS AREA - NOT FOR CONSTRUCTION WITHOUT DEPARTMENT APPROVAL ON PLANS

