# ARTICLE IV. - STORMWATER MANAGEMENT UTILITY

## Sec. 19-154. Definitions.

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*Impervious area* means roofed and paved areas including, but not limited to, areas covered by roofs, roof extensions, slabs, patios, porches, driveways, sidewalks, parking areas, and athletic courts/areas.

(1) Pavers set over sand shall be given 50 percent credit towards impervious area.

(2) Artificial grass/turf shall be given 80 percent credit towards impervious area.

**(3) Pools with an engineered overflow that drains excess rainfall from the pool underground for natural infiltration, resulting in a net zero watershed, shall be given 50 percent credit towards impervious cover.**

*Indirect property benefit* means property located on privately owned and maintained roadways or located within a neighborhood that provides maintenance and upkeep of a private drainage system that discharges into the stormwater system that is owned, operated and maintained by the City.

*Non-residential property* shall mean property that is classified by the Broward County Property Appraiser as land use types 10 through 99 under the Florida Department of Revenue Land Use Codes, as may be amended from time to time and shall be deemed to include, but not be limited to commercial and industrial use, dormitories, hospitals, nursing homes, sanitariums, recreational vehicle spaces, hotels and motels. Any property that contains both residential and non-residential facilities shall be treated as the type of property that will result in the larger number of equivalent residential units (ERU's).

(Ord. No. 23-14, § 2, 6-13-2023)

# ARTICLE III. - LANDSCAPING

## Sec. 25-47. Supplemental landscape requirements.

In addition to the foregoing landscaping requirements for vehicular use areas, street buffers and street swales, the following landscaping provisions shall apply to specific types of developments. Landscaping material required by other sections of this article shall not be used to meet the additional requirements of this section.

(a) *Single-family and duplex development.* Each plot of land developed for single-family and duplex purposes shall be planted with approved plant materials as designated in section 25-49, plant and landscape material standards, as may be amended from time to time, in accordance with the following requirements.

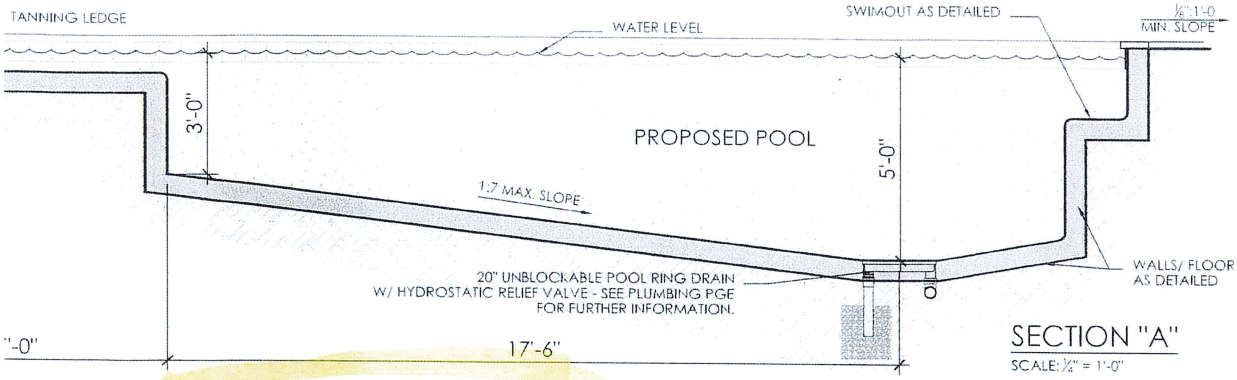
(1) *Maximum impervious cover.* In no case shall the total impervious surface coverage on a lot exceed 55 percent of the lot area.

a. Pavers set over sand shall be given 50 percent credit towards impervious cover. Front yard driveway expansions shall be exempt from this 50 percent impervious area calculation if an engineered channel drain grate system is installed resulting in a net zero watershed.

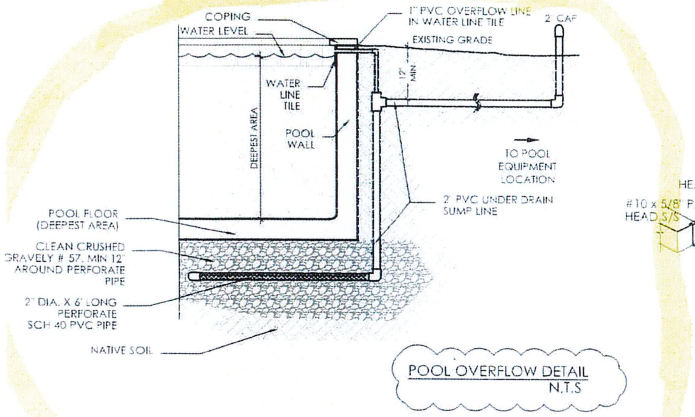
b. Artificial grass/turf shall be given an 80 percent credit towards impervious cover.

**c. Pools with an engineered overflow that drains excess rainfall from the pool underground for natural infiltration, resulting in a net zero watershed, shall be given 50 percent credit towards impervious cover.**

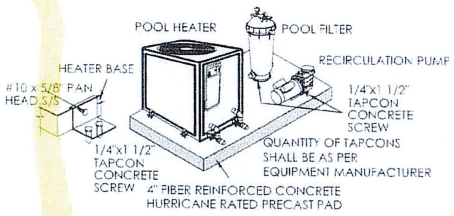
N OF **ACI 301 AND ACI 318**, WITH **MINIMUM** 28-DAY COMPRESSIVE STRNGTH OF 3,500 PSI. POOL CONTROL CAN BE APPLIED PNEUMATICALLY AND SHALL CONFORM TO THE LATEST EDITION OF **ACI 506.2**
EST EDITION OF **ASTM A615**, GRADE 40 (#3, #4), GRADE 60 (#5) AND HAVE A MINIMUM LAP DISTANCE OF 18" FOR #3, 24" FOR #4 AND 30" FOR #5 TO MEET THE REQUIREMENTS OF THE LATEST EDITION OF **ACI 318**.
MINATE IN STANDARD ACI HOOKS. ALL HOOKS ARE STANDARD UNLESS OTHERWISE NOTED
**INFORCED CONCRETE** GFRC AND THE MATERIALS USED IN SUCH CONCRETE SHALL BE IN ACCORDANCE WITH THE **PCI MNL 128 STANDARD**, IF SHOWN ON THE DRAWINGS




SECTION "A"
SCALE: 1/4" = 1'-0"

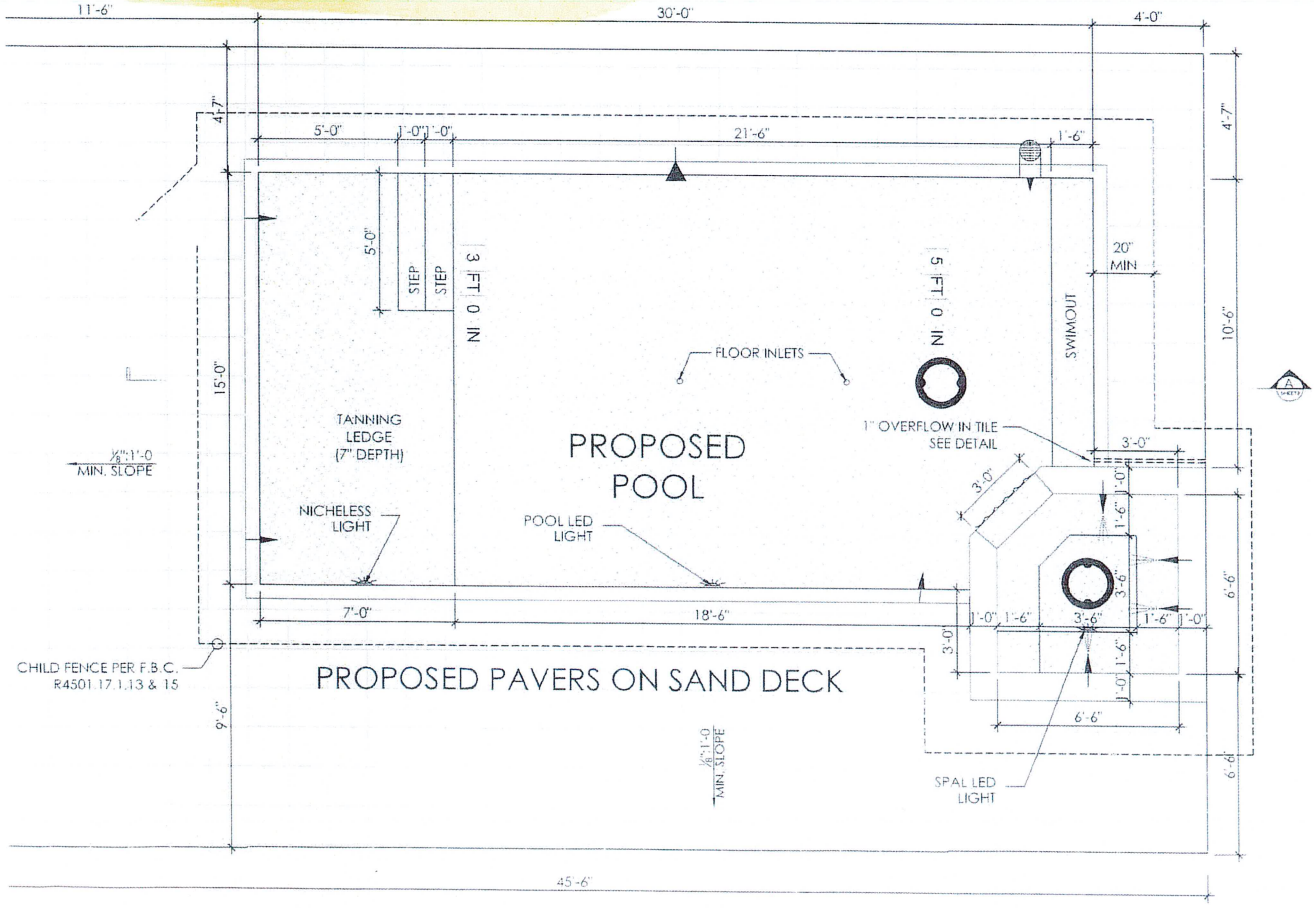



POOL OVERFLOW DETAIL
N.T.S




TYPICAL EQUIPMENT HOLDDOWN
NOT TO SCALE

| LEGEND | |
|---|---|
| | TURBO SKIMMER |
| | 20" UNBLOCKABLE RING DRAIN |
| | WALL INLET |
| | FLOOR INLET |
| | VACUUM |
| | SPA JETS |
| | L.E.D. BUBBLER |
| | L.E.D. LIGHT |
| | G.F.I. |




SHEET 2 OF 4

POOL PLAN

PROJECT NAME:
RICKLES, JUSTIN & MONICA RESIDENCE
4139 OPEN WAY
COOPER CITY, FLORIDA 33026

CONTRACTOR:
ESSIG POOLS
10111 BUSINESS DRIVE
MIRAMAR, FLORIDA 33025
305-949-0000

REVISIONS:
9/18/23. DECK REDUCED 6"
10/26/23. POOL OVERFLOW DETAIL

CHECKED BY: E.R.

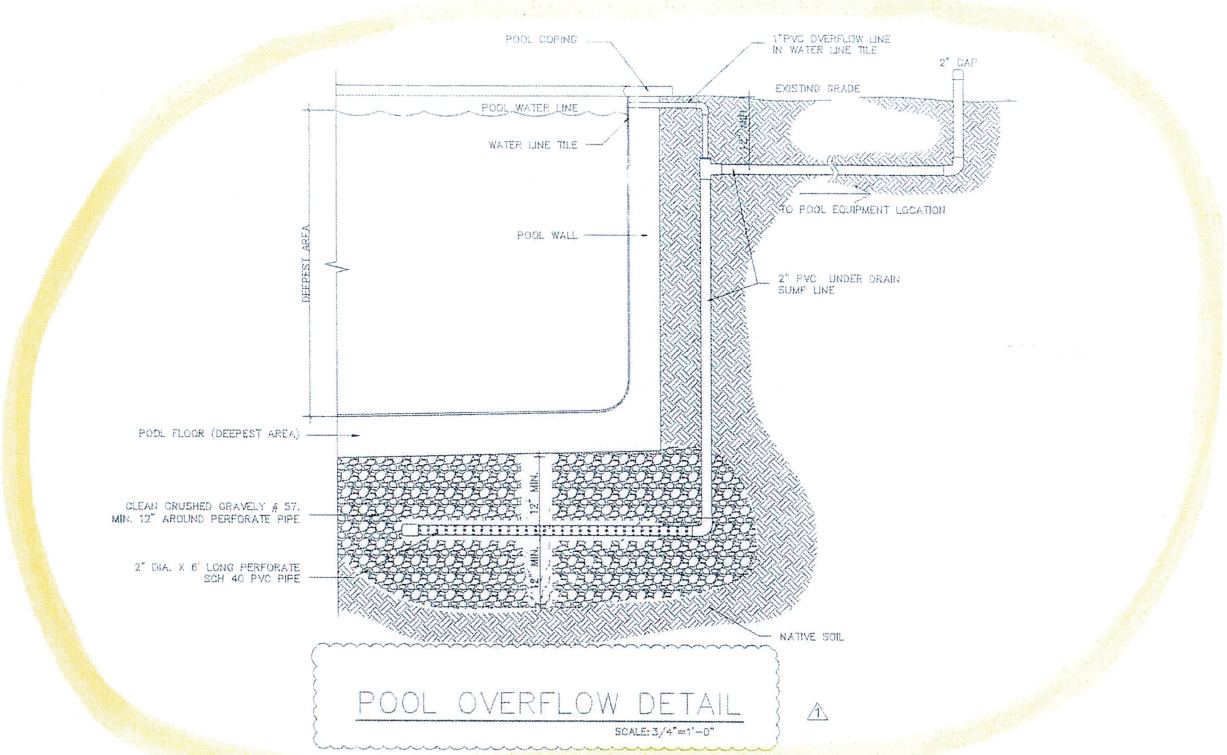
WAYNE MARKHAM BENNETT LICENSE No. 57216 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/26/23


**Wayne Markham Bennett, P.E. #57216**
Markham Services, Inc. (ca 33018)
820 N.E. Jensen Beach Blvd., # 685
Jensen Beach, FL 34957
(954) 816-3825
wayne@wmp-pe.com

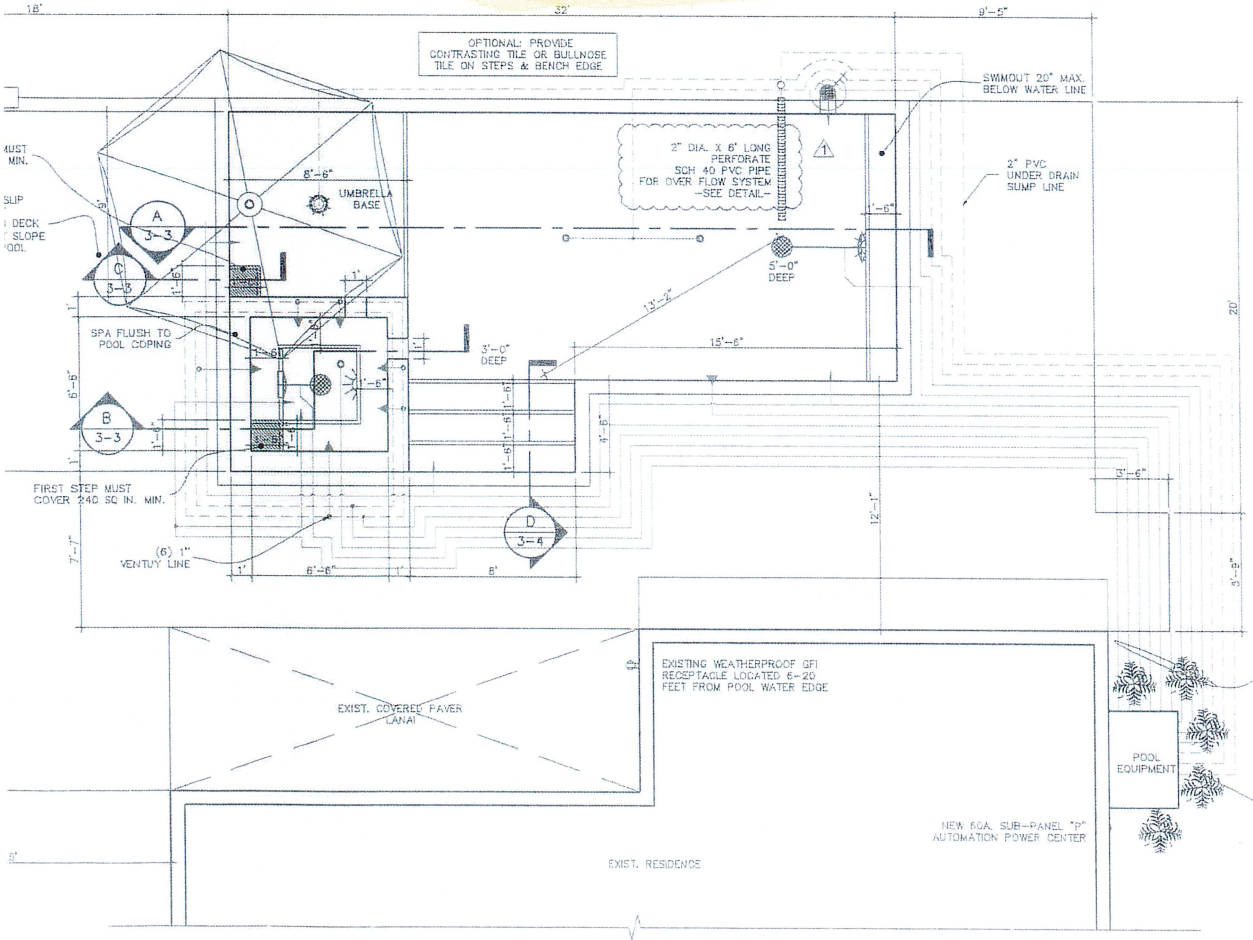


If signed digitally above, printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.




## POOL OVERFLOW DETAIL

SCALE: 3/4"=1'-0"




## POOL PLAN

SCALE: 1/4"=1'-0"

CONTRACTOR SHALL VERIFY ALL SETBACKS FROM PERTY LINES AND STRUCTURES PRIOR TO EXCAVATION. ULD ANY SETBACKS BE LESS THAN THE MINIMUM UIREMENTS, EITHER BY OWNER OR BUILDING OFFICIAL, THE NEER SHALL BE NOTIFIED.

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY VICENTE FRANCO ON THE DATE ADJACENT TO THE SEAL USING A AUTHENTICATION CODE.

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Vicente Franco