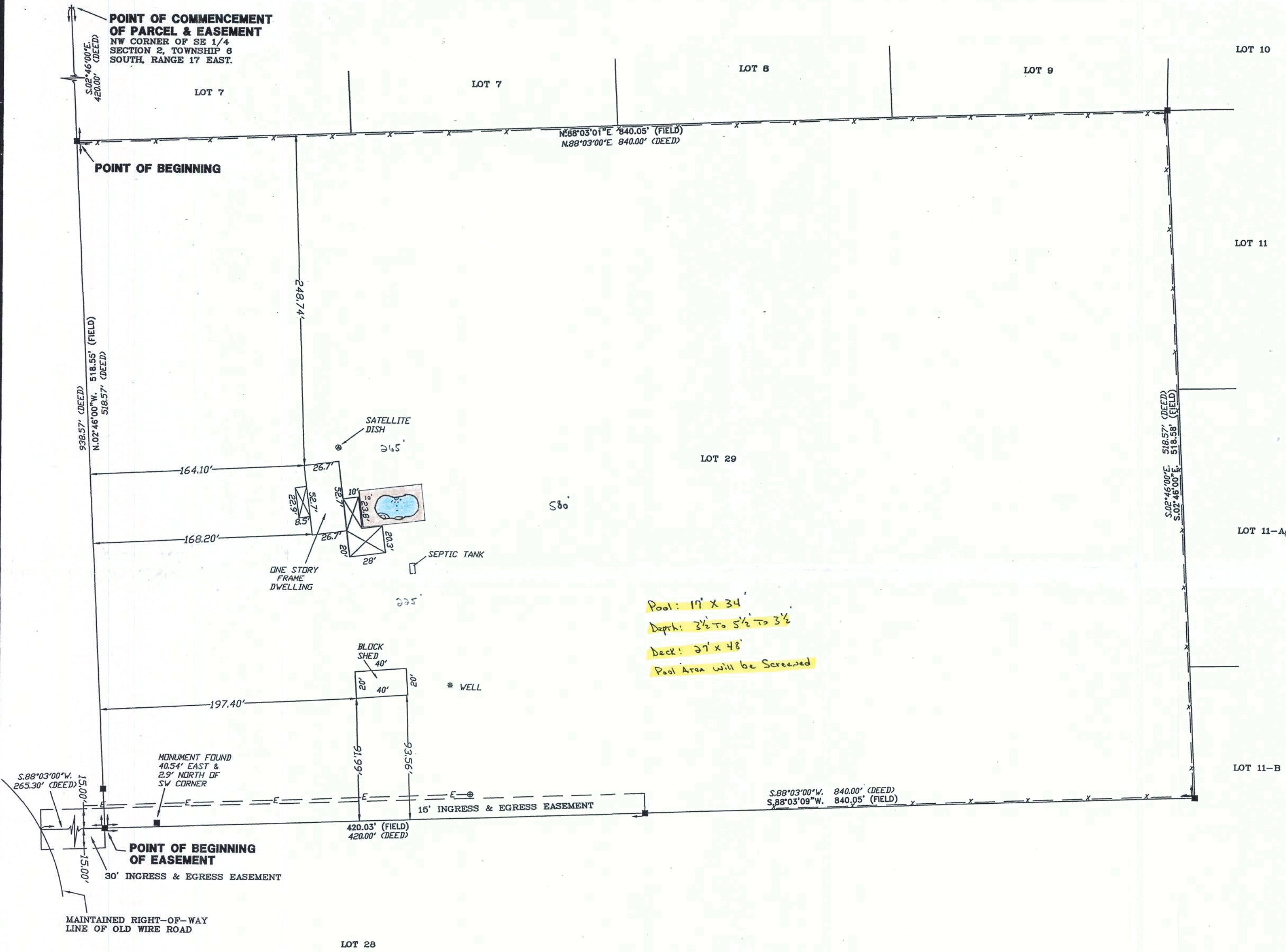


A BOUNDARY SURVEY IN SECTION 2, TOWNSHIP 6 SOUTH,
RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA.



- SYMBOL LEGEND**
- 4"x4" CONCRETE MONUMENT FOUND
 - 4"x4" CONCRETE MONUMENT SET
 - IRON PIPE FOUND
 - IRON PIN AND CAP SET
 - ⊙ POWER POLE
 - ⊕ WATER METER
 - ⊕ CENTERLINE
 - * WELL

SCALE: 1" = 60'

DESCRIPTION:
A PART OF THE SE 1/4 OF SECTION 2, TOWNSHIP 6 SOUTH, RANGE 17 EAST MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCE AT THE NW CORNER OF THE SE 1/4 OF SAID SECTION 2 AND RUN S.2°46'00"E. ALONG THE WEST LINE THEREOF, 420.00 FEET TO THE POINT OF BEGINNING; THENCE N.88°03'00"E, 840.00 FEET; THENCE S.2°46'00"E, 518.57 FEET; THENCE S.88°03'00"W, 840.00 FEET; THENCE N.2°46'00"W, 518.57 FEET TO THE POINT OF BEGINNING. COLUMBIA COUNTY, FLORIDA. CONTAINING 10.0 ACRES, MORE OR LESS.
SUBJECT TO A ROAD RIGHT-OF-WAY OFF THE SOUTH 15.00 FEET OF THE WEST 420.00 FEET THEREOF, TOGETHER WITH THE RIGHT OF INGRESS AND EGRESS OVER AND ACROSS A 30.00 FOOT EASEMENT WHOSE CENTERLINE IS DESCRIBED AS FOLLOWS: COMMENCE AT THE NW CORNER OF THE SE 1/4 OF SAID SECTION 2 AND RUN S.2°46'00"E, 938.57 FEET TO THE POINT OF BEGINNING; THENCE S.88°03'00"W, 265.30 FEET TO THE OLD WIRE ROAD RIGHT-OF-WAY.

- SURVEYOR'S NOTES:**
- BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF THE ORIGINAL SURVEY FOR SAID UNRECORDED PLAT.
 - BEARINGS ARE BASED ON SAID UNRECORDED PLAT.
 - THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD RATE MAP, DATED 6 JANUARY, 1988 COMMUNITY PANEL NUMBER 120070 0250 B. HOWEVER, THE FLOOD INSURANCE RATE MAPS ARE SUBJECT TO CHANGE.
 - THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
 - IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
 - THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE POLICY.

NOTE: ALL PROPERTY CORNERS LOCATED HAD NO IDENTIFICATION.

CERTIFIED TO:

SHERRY R. SMITH
SUNSTATE FEDERAL CREDIT UNION
ABSTRACT AND TITLE SERVICES, INC.
CHICAGO TITLE INSURANCE COMPANY

FIELD BOOK: 44 PAGE(S): 52

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

12/30/06 FIELD SURVEY DATE 01/01/06 DRAWING DATE

L. SCOTT BRITT, P.S.M.
CERTIFICATION # 5757

NOTE: UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.



BRITT SURVEYING

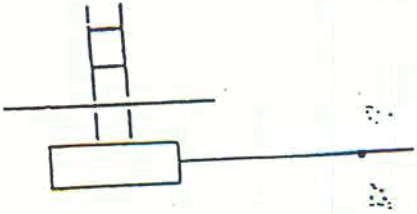
LAND SURVEYORS AND MAPPERS

830 WEST DUVAL STREET
LAKE CITY, FLORIDA 32055

TELEPHONE: (386) 752-7163 FAX: (386) 752-5573

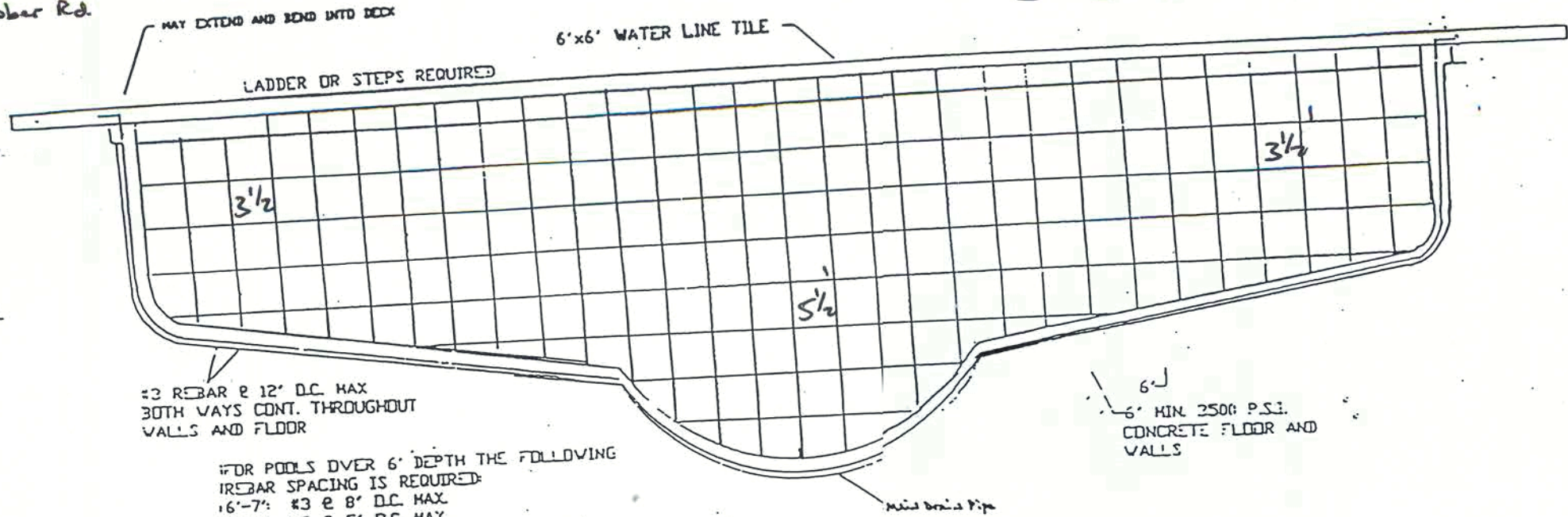
WORK ORDER # L-16923

Smith
951 SE October Rd.



POOL WALLS SHALL BE A DISTANCE FROM PROPERTY LINES AND BUILDING FOUNDATIONS OF NOT LESS THAN THE DEPTH OF EXCAVATION BELOW NATURAL GRADE.

1 1/2 Hp Pump
3 to 4 Hr T/O RATE



#3 REBAR @ 12" O.C. MAX
BOTH VAYS CONT. THROUGHOUT
WALLS AND FLOOR

FOR POOLS OVER 6' DEPTH THE FOLLOWING
REBAR SPACING IS REQUIRED:
6'-7': #3 @ 8" O.C. MAX
7'-8': #3 @ 5" O.C. MAX
BEGINNING AT 4' DEPTH AND EXTENDING
2' ABOVE AND BELOW COVES AND
5' ABOVE AND BELOW FLOOR BREAK.

6" MIN. 2500 P.S.I.
CONCRETE FLOOR AND
WALLS

TYPICAL SECTION THRU POOL
ACTUAL CONFIGURATION MAY VARY

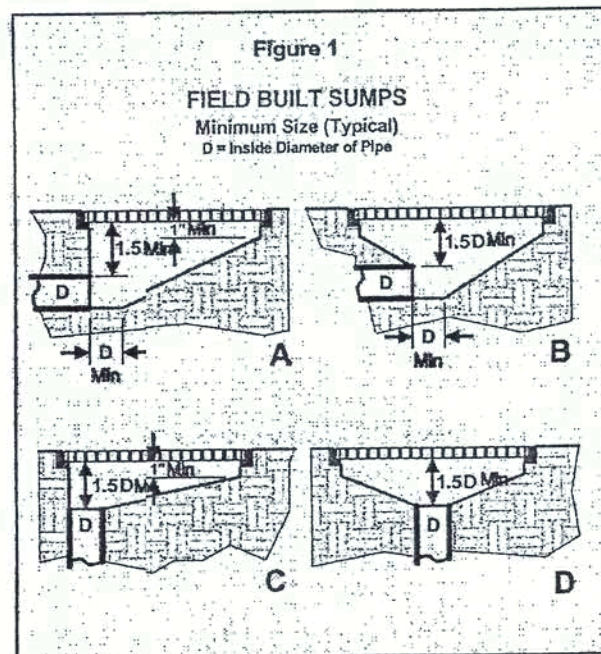
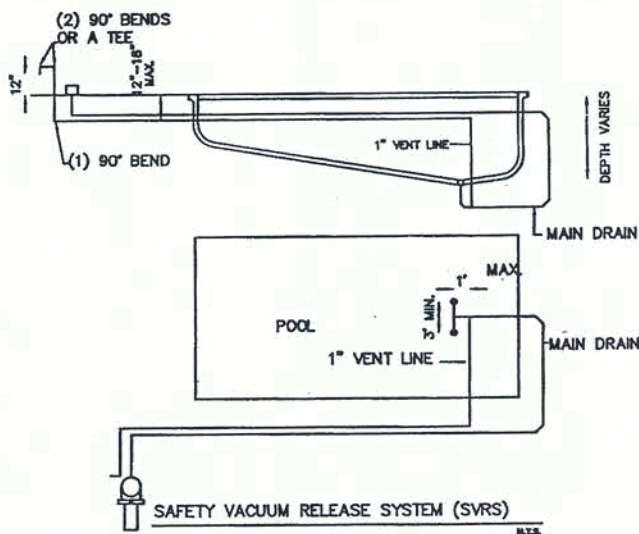
POOLS BY MARLENE
2042 CARNES STREET
ORANGE PARK, FL 32073
(904) 264-0296

STATE CERTIFIED SWIMMING
POOL CONTRACTOR
CPC 022521

TYPICAL SECTION AND NOTES.



1. THIS SAFETY VACUUM RELIEF SYSTEM IS A NON-MECHANICAL VENT SYSTEM THAT WILL LIMIT THE TRANSMISSION OF SUCTION AT THE OUTLET TO A MAXIMUM OF 4.5 INCHES OF MERCURY.
2. THIS SYSTEM IS A BACKUP TO PROVIDE SUCTION RELIEF SHOULD ENTRAPMENT OCCUR.
3. POOL AND SPA SUCTION INLETS SHALL BE PROVIDED WITH A COVER THAT COMPLIES WITH ANSI/ASME A112.19.8
4. ALL MANUFACTURED SUMPS SHALL COMPLY WITH ANSI/ASME A112.19.8. IF A FIELD-BUILT SUMP IS USED, ITS CONSTRUCTION SHALL COMPLY WITH THE MINIMUM DIMENSIONS SHOWN IN FIGURE 1.
5. THE VELOCITY ON THE SUCTION SIDE OF THE CIRCULATION SYSTEM SHALL NOT EXCEED SIX (6) FPS.
6. CHECK VALVES CANNOT BE INSTALLED ON THE SUCTION SYSTEM.
7. THIS SYSTEM SHALL BE INSTALLED AND TESTED BY A QUALIFIED, LICENSED SWIMMING POOL PROFESSIONAL.
8. THE VENT LINE LENGTH MUST NOT EXCEED THE TOTAL LENGTH OF THE MAIN DRAIN LINE.
9. VENT OPENING MUST BE COVERED WITH WIRE MESH SCREEN TO PREVENT INSECTS, DEBRIS COLLECTION AND BACTERIA.
10. LABEL VENT: POOL SAFETY DEVICE-- DO NOT HANDLE



APPROVED SWIMMING POOL & SPA
 DUAL MAIN DRAIN ATMOSPHERIC VENT (SVRS)
 COMPLIANT WITH SECTION 424.2.6.6, FLORIDA BUILDING
 CODE FOR RESIDENTIAL APPLICATIONS.

ENTRAPMENT AVOIDANCE VENT PIPE ANALYSIS--MAXIMUM LENGTH

PIPE SIZES INCHES	AVERAGE FLOW GPM	VELOCITY FT. PER SEC.	VENT PIPE SIZE	MAXIMUM LENGTH -FT.
2"	60	5.74	1 1/2"	32
2"	75	7.17	1 1/2"	41
2 1/2"	100	6.7	1 1/2"	54
2 1/2"	110	7.37	1 1/2"	60
3"	135	5.86	1 1/2"	73
3"	145	6.29	1 1/2"	79
3"	175	7.59	1 1/2"	95
4"	325	8.19	1 1/2"	177

This analysis is based upon maintaining the length of pipe below the operating level of the pool, vertical and horizontal, to vacate within 3 seconds based on the size of the pump and the average flow rate. Due to the hydraulic gradient caused by the pump and piping, the vent line should be located as close to the tee at the dual main drain, as possible with a maximum distance of 12".

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COURTESY OF:



HORNER
 CONSULTING ENGINEERS, INC.



PHONE 954-772-4940
 FAX 954-772-6840
 CA # 5848

HORNER CONSULTING ENGINEERS, INC.
 5755 POWERLINE ROAD
 FT LAUDERDALE, FL 33309



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DATE	REVISION	APPROVED

JAN 11 2005
 JASON W. RICE, P.E.
 LICENSE # 58742
 EXPIRES 2-28-2006

DRAWN BY: JWR
 CHECKED BY: JWR
 DATE: 1-11-05
 HCE# n/a
 PAGE 1 OF 1