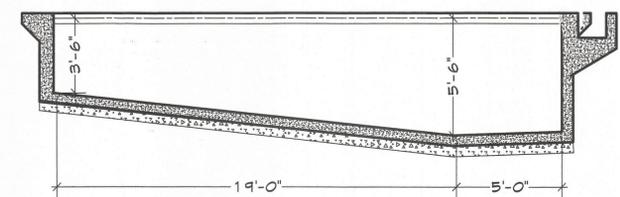


PLAN
SCALE = 1/4" = 1'-0"



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

WATERWAY 640-4720V

WATERWAY 640-1800V

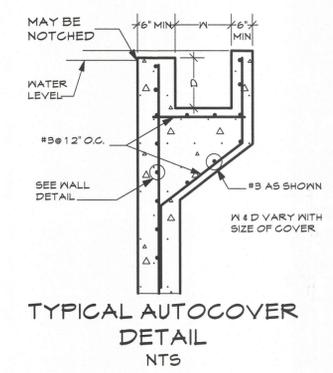
SPECIFICATIONS:

- Total Open Area: 62.4 sq. in.
- Frame Size: 13.250" x 13.250"
- Floor Flow Rate: 356 GPM @ 1.83 ft/sec
- Wall Flow Rate: 280 GPM @ 1.44 ft/sec
- Flow Rate @ 1.5 ft/sec: 292 GPM

SPECIFICATIONS:

- Total Open Area: 14.8 sq. in.
- Frame Size: 8" Round
- Floor Flow Rate: 153 GPM @ 2.72 ft/sec
- Wall Flow Rate: 98 GPM @ 1.73 ft/sec
- Flow Rate @ 1.5 ft/sec: 68 GPM

POOL/SPA PLUMBING SCHEMATIC



POOL DESIGN AND CONSTRUCTION TO:

CONNECTICUT CODE

2018 STATE BUILDING CODE
2015 IRC, SECTION R326
2015 IRC, SECTION 3109

(Add) R326.9 Referenced standards. The standards referenced herein are in Table R326.9.

ANSI/APSP	Section
ANSI/APSP/ICC-3—14 American National Standard for Permanently Installed Residential Spas and Swim Spas	R326.5.1
ANSI/APSP/ICC-4—12 American National Standard for Aboveground/Onground Residential Swimming Pools	R326.4.2
ANSI/APSP/ICC-5—11 American National Standard for Residential Inground Swimming Pools	R326.5.1
ANSI/APSP/ICC-6—13 American National Standard for Residential Portable Spas and Swim Spas	R326.5.2
ANSI/APSP/ICC-7—13 American National Standard for Suction Entrapment Avoidance in Swimming Pools, Wading Pools, Spas, Hot Tubs and Catch Basins	R326.7
ANSI/APSP/ICC-16-11 American National Standard for Suction Fittings for Use in Swimming Pools, Wading Pools, Spas and Hot Tubs	R326.3
ASTM	
ASTM F1346—B1 (2010) Standard Performance Specification for Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas and Hot Tubs	R326.6.1, R326.6.4
UL 2017—2008 General-Purpose Signaling Devices and Systems - with revisions through May 2011	R326.6.1

IntelliFlo® vs+svrs
Intelligent Variable Speed Pump

Reliable cast-body entrapment protection for your peace of mind.

IntelliFlo covers the first pump with an integrated Safety Vacuum Release System (SVRS) which provides an important layer of entrapment protection.

Safety Features:

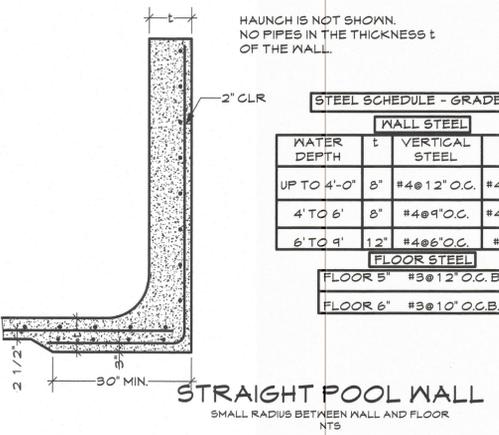
- Includes built-in controller with proprietary software that detects blockage and automatically shuts itself off within seconds.
- Meets ANSI A112.19.12-2002 standards, thus complying with the Virginia Graeme Baker Pool Safety Act (VGSIS) Requirements.
- No SVRS calibration required; the leakage detection/drain function is pre-programmed into the software.
- Unlike other devices, IntelliFlo covers pump's SVRS protection cannot be turned off.
- For added safety, if the SVRS becomes disabled, the pump will raise up.
- Safety lock-out feature (optional) prevents pump speed settings from being changed by unauthorized personnel.

ALL ELECTRICAL COMPONENTS MUST BE MINIMUM 5' FROM POOL WATER (PUMP, HEATER, JUNCTION BOXES, ETC.)

ALL METAL WITHIN 5' OF POOL WATER MUST BE BONDED TO POOL STEEL

- NOTES:**
1. LIGHTING W/ RECEPTACLES, CIRCULATION PUMP(S), HEATER(S), CHEMICAL FEEDER(S) AND ALL OTHER ELECTRICALLY POWERED EQUIPMENT SHALL BE MANUFACTURER APPROVED FOR SPA & SWIMMING POOL USE & SHALL BE WIRED & GROUNDED BY A LICENSED ELECTRICIAN IN ACCORDANCE WITH THE MOST STRINGENT REQUIREMENTS OF THE MANUFACTURER, GOVERNING LOCAL ELECTRIC CODE AND NFPA-70 ELECTRICAL CODE (NEC) LATEST EDITION.
 2. THE POOL SHALL BE WIRED & GROUNDED IN STRICT ACCORDANCE WITH NFPA-70 AND THE LOCAL ADOPTED ELECTRICAL CODE.
 3. ELECTRICAL EQUIPMENT AND MATERIAL SHALL BE LISTED BY UNDERWRITERS LABORATORIES (UL-LISTED) FOR THE USE INTENDED. PANEL ENCLOSURES FOR OUTDOOR USE SHALL BE NEMA 2 IF EXPOSED TO PRECIPITATION ONLY, OR NEMA 4 IF EXPOSED TO CONCENTRATED SPRAY.
 4. CONCRETE CYLINDER STRENGTH SHALL BE A MINIMUM OF 3000 PSIG AFTER 28 DAYS. REINFORCING STEEL SHALL BE GRADE 40, UNLESS OTHERWISE NOTED.
 5. THE ENGINEER HAS NOT REVIEWED SUBSURFACE CONDITIONS, UNLESS NOTED IN THESE PLANS. THE ENGINEER SHALL BE INDEMNIFIED AGAINST ALL DAMAGES ARISING FROM SUBSURFACE CONDITIONS.
 6. THE ENGINEER IS RESPONSIBLE FOR THE CONTENTS OF THIS DRAWING AND HAS NOT REVIEWED ZONING CRITERIA AND PERMITTING REQUIREMENTS AND SHALL BE INDEMNIFIED AGAINST ALL DAMAGES ARISING FROM NONCOMPLIANCE WITH ZONING AND PERMITTING REQUIREMENTS.
 7. THE OWNER SHALL BE RESPONSIBLE FOR FENCING THE POOL AREA IN ACCORDANCE WITH PREVAILING REGULATIONS.

RECEIVED
JUL 14 2020
WESTPORT Z.B.A.

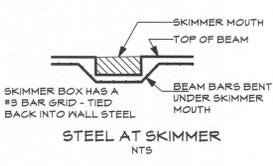
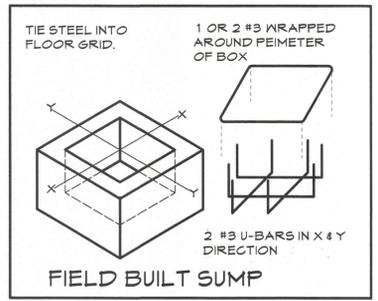
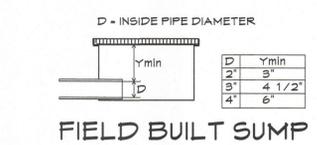
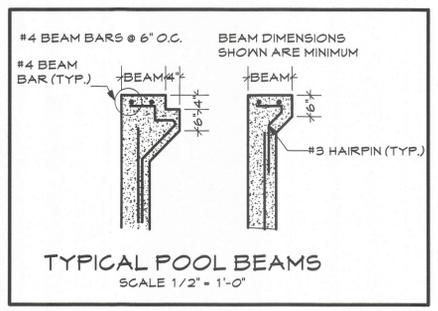


STEEL SCHEDULE - GRADE 40

WATER DEPTH	WALL STEEL	
	VERTICAL STEEL	HORIZ. STEEL
UP TO 4'-0"	8" #4@12" O.C.	#4@12" O.C.
4' TO 6'	8" #4@9" O.C.	#4@12" O.C.
6' TO 9'	12" #4@6" O.C.	#4@8" O.C.

FLOOR STEEL

FLOOR 5"	#3@12" O.C. B.W.
FLOOR 6"	#3@10" O.C. B.W.



-3000 PSI CONCRETE
--GRADE 40 STEEL
TIE REBAR AT ALL INTERSECTIONS
-REBAR IN STEPS AND BENCHES IS OPTIONAL. IT IS USED AS A FORMING DEVICE AND HELPS TO REDUCE TEMPERATURE AND SHRINKAGE CRACKS. IT IS RECOMMENDED.
-WOOD BLOCKING TO HOLD STEEL WALL GRID OUT, SHOULD BE IN PLACE BEFORE STEEL INSPECTION.

Signature POOLS

209-866-7665
209-866-7661 FAX

SIGNATURE POOLS, INC.
2 REYNOLDS STREET
NORWALK, CT 06855

TATUSKO RESIDENCE
8 HARBOR DRIVE
WESTPORT, CT

SCALE: AS SHOWN DATE: 07/08/20
FILE: TATUSKO 8 HARBOR DRIVE 070820

ORIGINAL REQUIRED