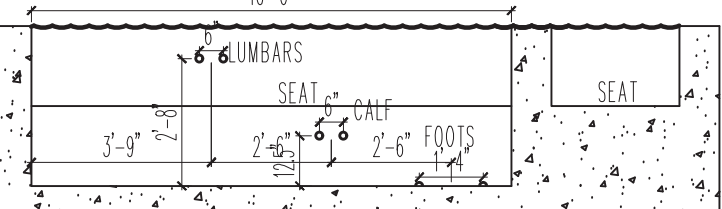
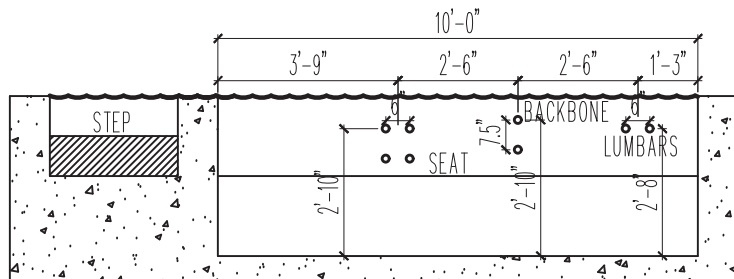


POOL, SPA AND PONDS DATA			
	POOL	SPA	PONDS
SURFACE AREA (SQ.FT.)	1,052.25	203.33	146.70
AVERAGE DEPTH (FEET)	3.96	2.35	1.00
VOLUME (GALLONS)	31,168.48	3,574.14	1,121.28
PUMP GPM	150.00	70.00	70.00
TURNOVER (HOURS)	3.46	0.85	0.27
PERIMETER (FEET)	144.80	60.40	50.40

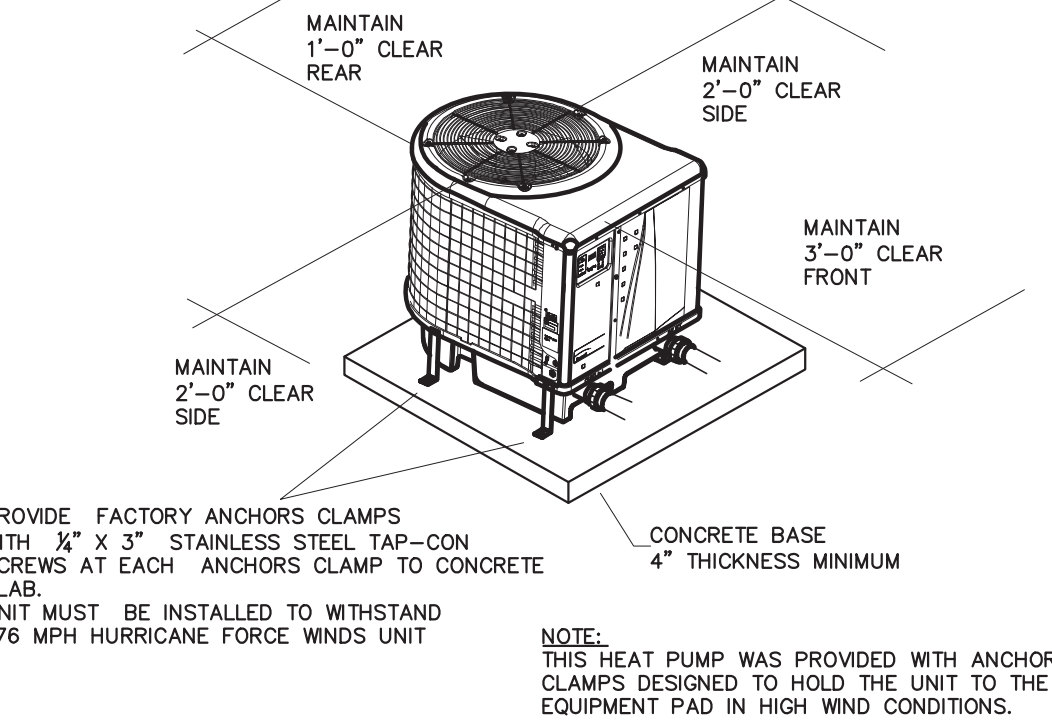
PLUMBING NOTES:

- ALL POOL EQUIPMENT PIPING SHALL BE SCHEDULE 40, PVC-PW, NON-THREADED, NSF APPROVED SUPPORTED CONTINUOUSLY ON GROUND OR ON MAXIMUM 4'-0" CENTERS WITH CLEVIS HANGERS.
- ALL SUCTION PIPING SHALL BE 2" DIAMETER AND ALL PRESSURE PIPING 1-1/2" DIAMETER UNLESS OTHERWISE NOTED.
- POOL WATER DISPOSAL SHALL BE IN ACCORDANCE WITH LOCAL BUILDING DEPARTMENT REQUIREMENTS.
- ANTI VORTEX MAIN DRAINS SHALL HAVE ITS PLATE SECURELY FASTENED WITH TAMPERPROOF SCREWS.
- POOL VACUUM SHALL HAVE SPRING LOADED CAP IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.
- ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE-PLUMBING SECTION 309 AS IT PERTAINS TO BUOYANCY
- THE WATER VELOCITY THOUGH ALL SUCTION PIPING SHALL BE LESS THAN 8 FEET PER SECOND.
- THE WATER VELOCITY THROUGH ALL PRESSURE PIPING SHALL BE LESS THAN 10 FEET PER SECOND.
- ALL PIPING SHALL BE SUITABLE FOR EXPOSURE TO ULTRA VIOLET RADIATION AND NORMAL OPERATING TEMPERATURES.

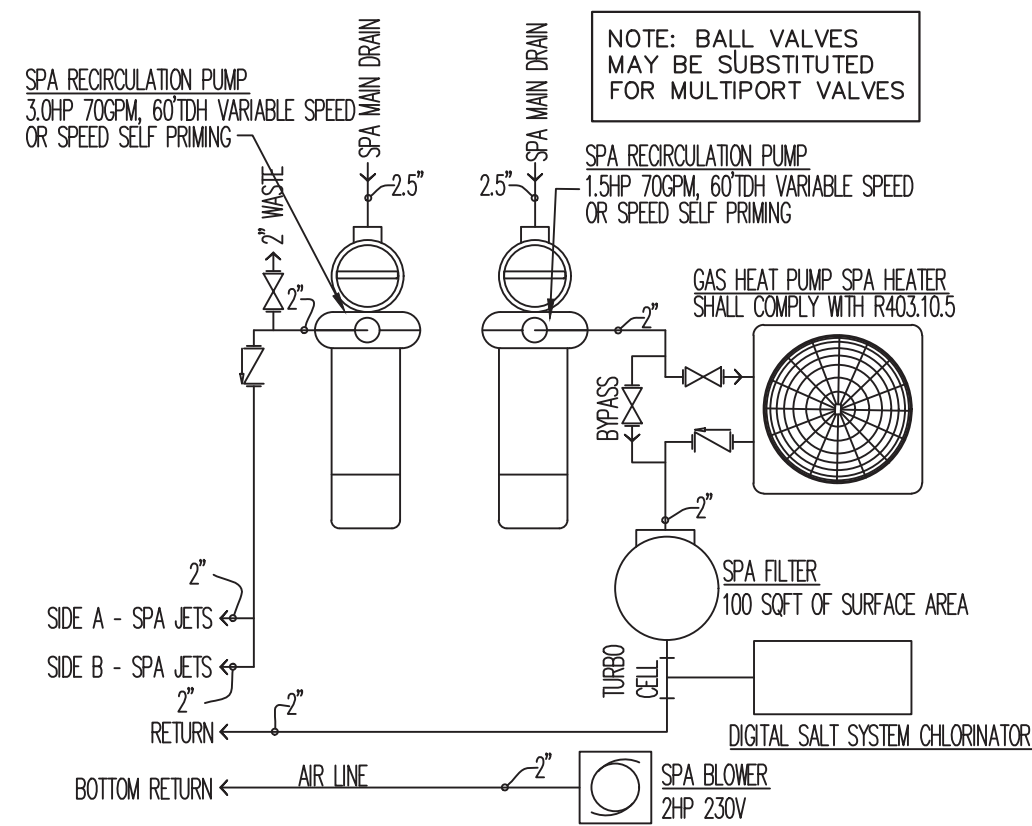


SIDE A - JETS DISTRIBUTION VIEW
NTS

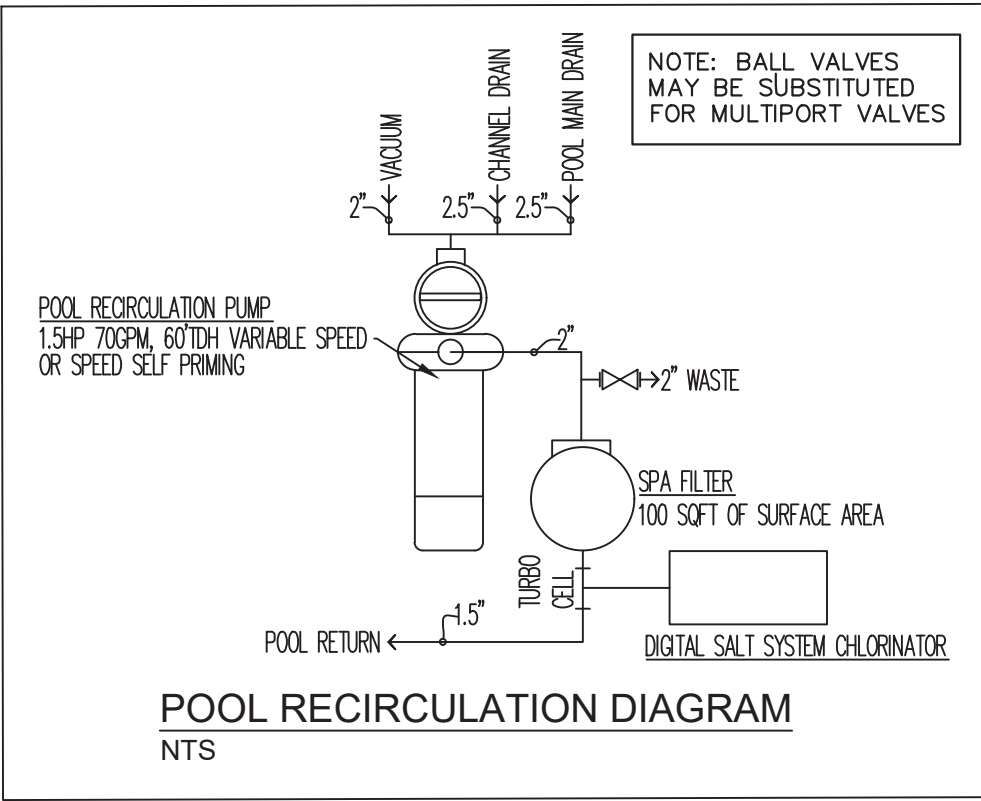
SIDE B - JETS DISTRIBUTION VIEW
NTS



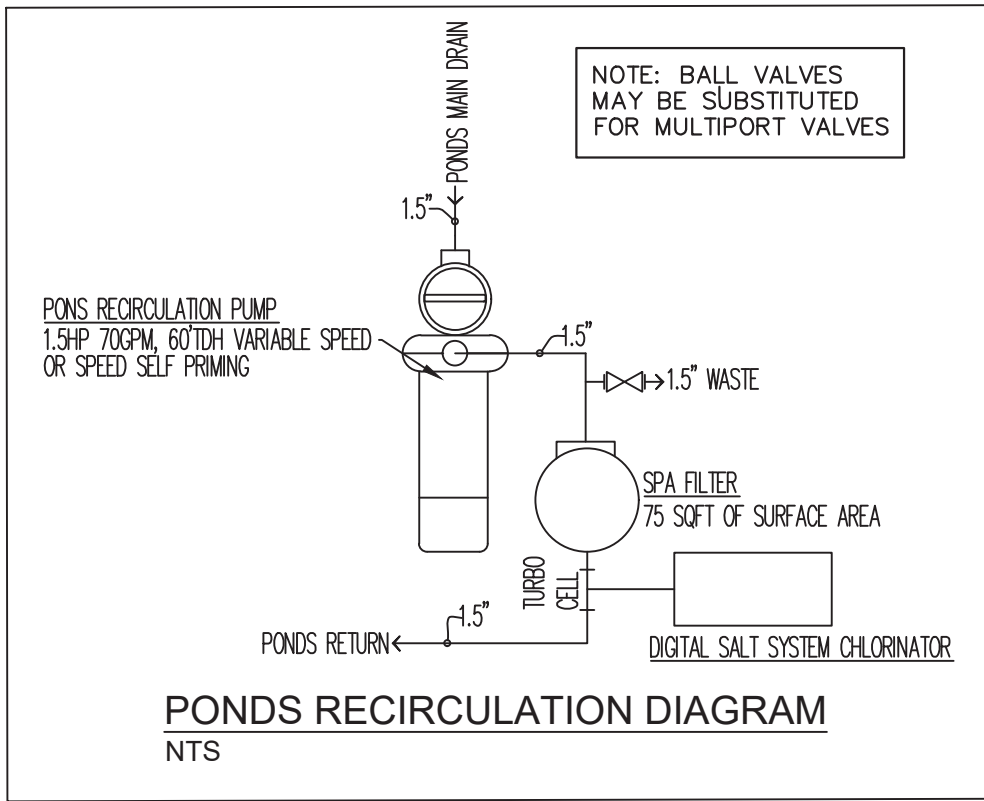
HEAT PUMP MOUNTING DETAIL
NO SCALE



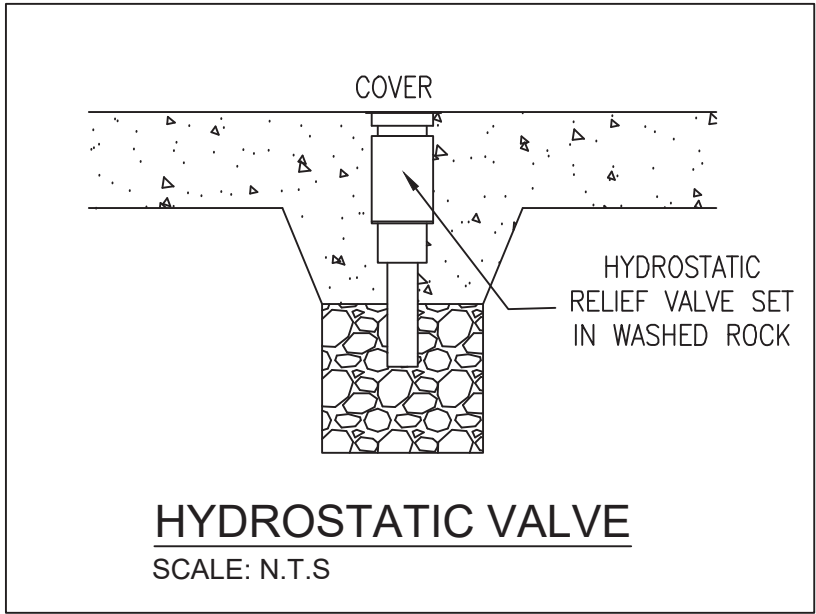
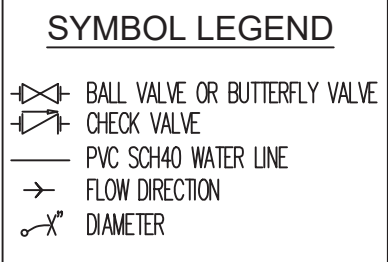
SPA RECIRCULATION DIAGRAM
NTS



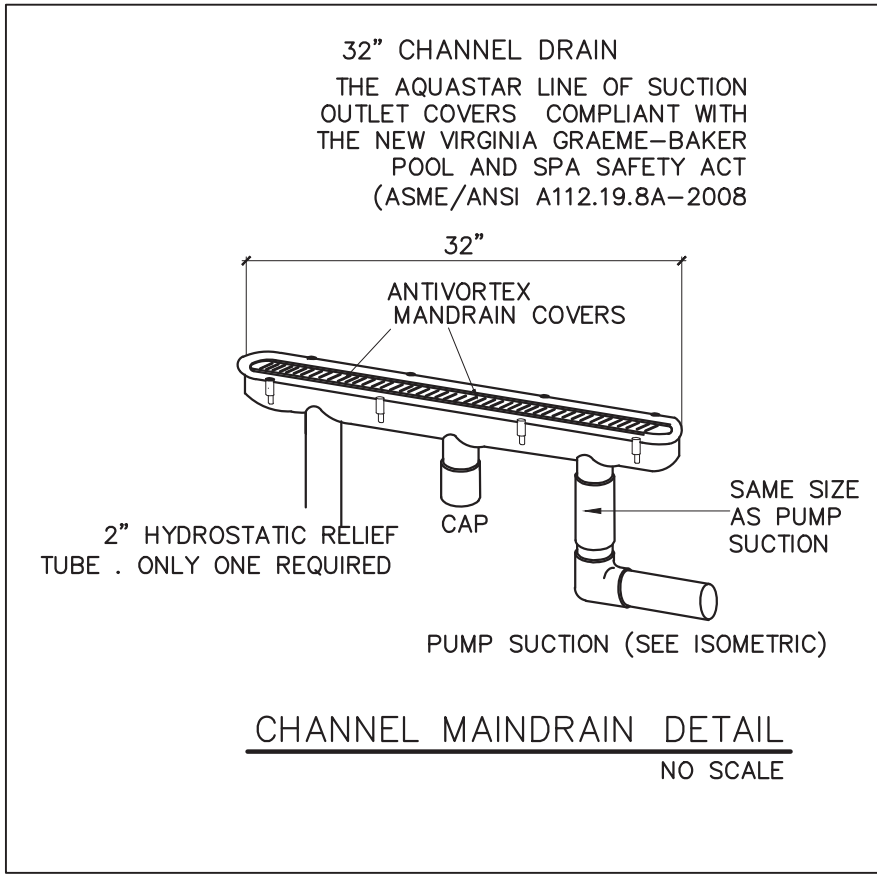
POOL RECIRCULATION DIAGRAM
NTS



PONDS RECIRCULATION DIAGRAM
NTS



HYDROSTATIC VALVE
SCALE: N.T.S



CHANNEL MAINDRAIN DETAIL
NO SCALE

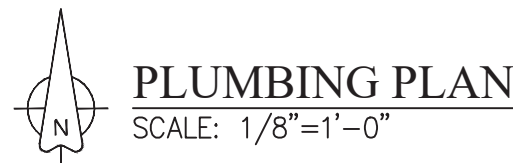
POND MAINDRAIN THE AQUASTAR LINE OF SUCTION OUTLET COVERS COMPLIANT WITH THE NEW VIRGINIA GRAEME-BAKER POOL SAFETY ACT(ASME/ANSI A112.19.8A-2008)

POND MAINDRAIN THE AQUASTAR LINE OF SUCTION OUTLET COVERS COMPLIANT WITH THE NEW VIRGINIA GRAEME-BAKER POOL SAFETY ACT(ASME/ANSI A112.19.8A-2008)

TWO STORY RESIDENCE
9601 SW 67 AVE
PINECREST, 33156

NOTE: CONTRACTOR SHALL VERIFY ALL SETBACKS FROM PROPERTY LINES AND STRUCTURES PRIOR TO EXCAVATION. SHOULD ANY SETBACKS BE LESS THAN THE MINIMUM REQUIREMENTS, EITHER BY OWNER OR BUILDING OFFICIAL, THE ENGINEER SHALL BE NOTIFIED.

-WARNING: TO EMPTY POOL AFTER CONSTRUCTION FOR REPAIRS OR ANY OTHER REASON, THE HYDROSTATIC UPLIFT PRESSURES BENEATH THE .POOL MUST BE ELIMINATED TO PREVENT THE POOL FROM FLOATING UPWARD. THE OWNER MUST CONSULT AND POOL REPAIR CONTRACTOR EXPERIENCED IN ELIMINATING UPLIFT PRESSURES.



MTeam
PROJECT CORP.
PH: 786-554-5741
PH: 786-451-5076

JUAN MEDINA ALFONSO
LICENSE
No. 73236
STATE OF FLORIDA
PROFESSIONAL ENGINEER

JUAN MEDINA ALFONSO P.E.
MA ENGINEERING SOLUTION, CORP.
LICENCE# 73236

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JUAN MEDINA ALFONSO, PE ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
DATE: 11/03/2025

PROJECT
- SWIMMING POOL WITH SPA
- TWO FRONT PONDS
OWNER
9601 SW 53 AVE. LLC
9601 SW 53 AVENUE
MIAMI, FL 33156

REVISIONS	
NO.	DATE

DATE: 11/03/2025
SCALE: AS PER PLAN
NO. SHEET 1 OF 1
DRAWING NO.
SP-2