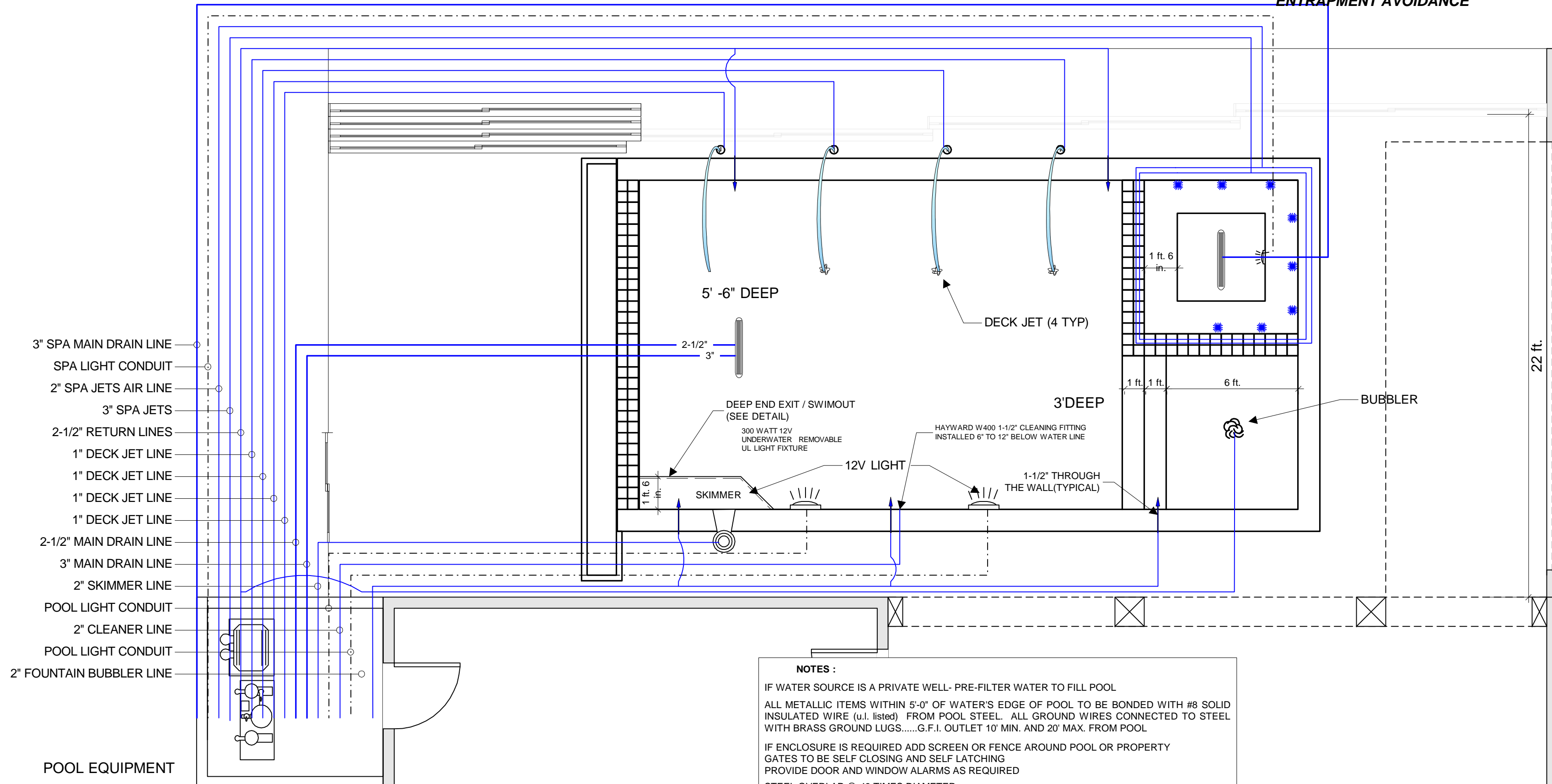


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TITLE
PIRAINO RESIDENCE

PROPERTY ADDRESS
 1232 CHOPTANK ROAD
 MIDDLETOWN DE 19709

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



- 3" SPA MAIN DRAIN LINE
- SPA LIGHT CONDUIT
- 2" SPA JETS AIR LINE
- 3" SPA JETS
- 2-1/2" RETURN LINES
- 1" DECK JET LINE
- 1" DECK JET LINE
- 1" DECK JET LINE
- 1" DECK JET LINE
- 2-1/2" MAIN DRAIN LINE
- 3" MAIN DRAIN LINE
- 2" SKIMMER LINE
- POOL LIGHT CONDUIT
- 2" CLEANER LINE
- POOL LIGHT CONDUIT
- 2" FOUNTAIN BUBBLER LINE

POOL EQUIPMENT

PIPING IS SHOWN
SPACED FOR CLARITY

CONNECT SPA AIR LINE
TO EACH THERAPY JET

NOTES :

- IF WATER SOURCE IS A PRIVATE WELL- PRE-FILTER WATER TO FILL POOL
- ALL METALLIC ITEMS WITHIN 5'-0" OF WATER'S EDGE OF POOL TO BE BONDED WITH #8 SOLID INSULATED WIRE (u.i. listed) FROM POOL STEEL. ALL GROUND WIRES CONNECTED TO STEEL WITH BRASS GROUND LUGS.....G.F.I. OUTLET 10' MIN. AND 20' MAX. FROM POOL
- IF ENCLOSURE IS REQUIRED ADD SCREEN OR FENCE AROUND POOL OR PROPERTY GATES TO BE SELF CLOSING AND SELF LATCHING PROVIDE DOOR AND WINDOW ALARMS AS REQUIRED
- STEEL OVERLAP @ 48 TIMES DIAMETER
- ESTABLISH THE LOCATION OF ALL UTILITIES AT SWIMMING POOL CONSTRUCTION SITE AND HOLD MINIMUM CLEARANCE DIMENSIONS ESTABLISHED BY THE LOCAL REGULATORY AGENCY. ALLOW MIN. 10' HORIZONTAL CLEARANCE FROM OVERHEAD ELECTRIC LINES TO POOL WATER.
- DECK SHALL HAVE A SLIP RESISTANT FINISH WITH NO SHARP EDGES AND BE POSITIVELY SLOPED FOR DRAINAGE
- PROVIDE WEEP HOLES AND DEWATERING PUMPS AND ANY OTHER METHODS NECESSARY TO PREVENT THE POSSIBILITY OF THE POOL FLOATING DUE TO HYDROSTATIC UPLIFT PRESSURE WHEN THE POOL IS EMPTY.
- BACKFILLING OF THE POOL SHALL BE DONE CAREFULLY TO ASSURE THAT NO DAMAGE TO THE PIPING OCCURS AND BACKFILLING SHALL BE DONE WITH CLEAN SOIL FREE FROM ORGANICS AND DEBRIS AND SHALL BE COMPACTED SO THAT NO VOIDS EXIST PROVIDING A FIRM BEARING FOR THE DECK
- ALL PIPING TO BE PVC SCHEDULE 40 MINIMUM AND ALL PRESSURE PIPING AND MAIN DRAIN PIPING MUST BE PRESSURE TESTED PRIOR TO GUNITE (CONCRETE)
- THIS IS NOT A DIVING POOL.
- SWIMMING POOL FILL HOSE TO BE EQUIPPED WITH VACUUM BREAKER
- LOCATE POOL RETURNS DOWN 18" MIN. BELOW THE POOL BEAM

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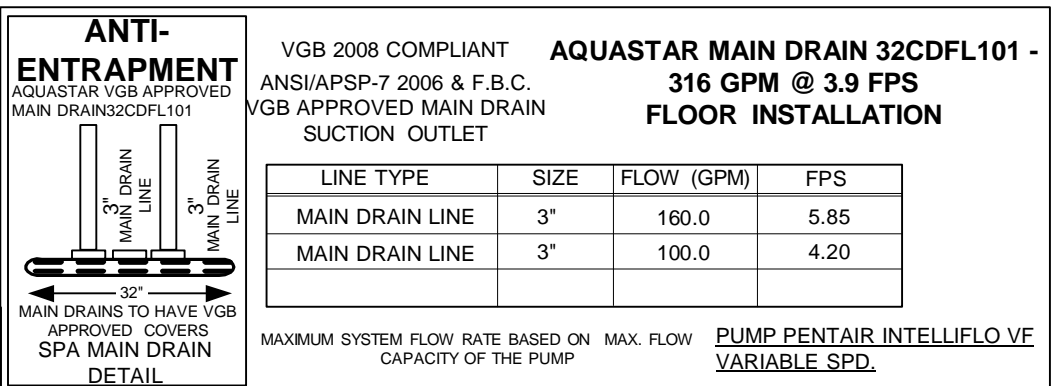
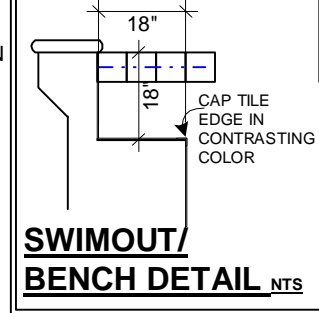
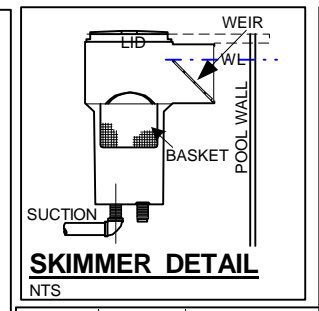
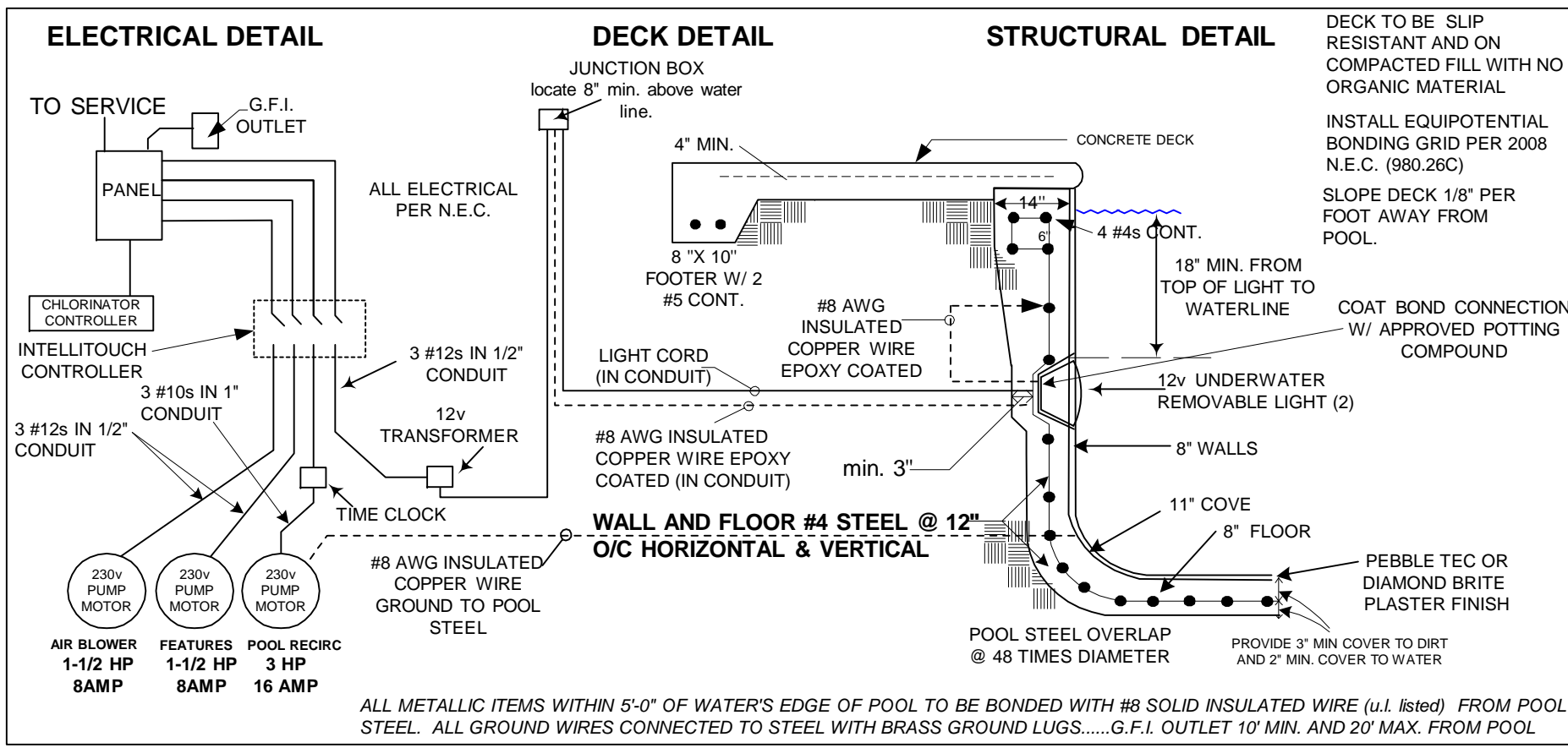
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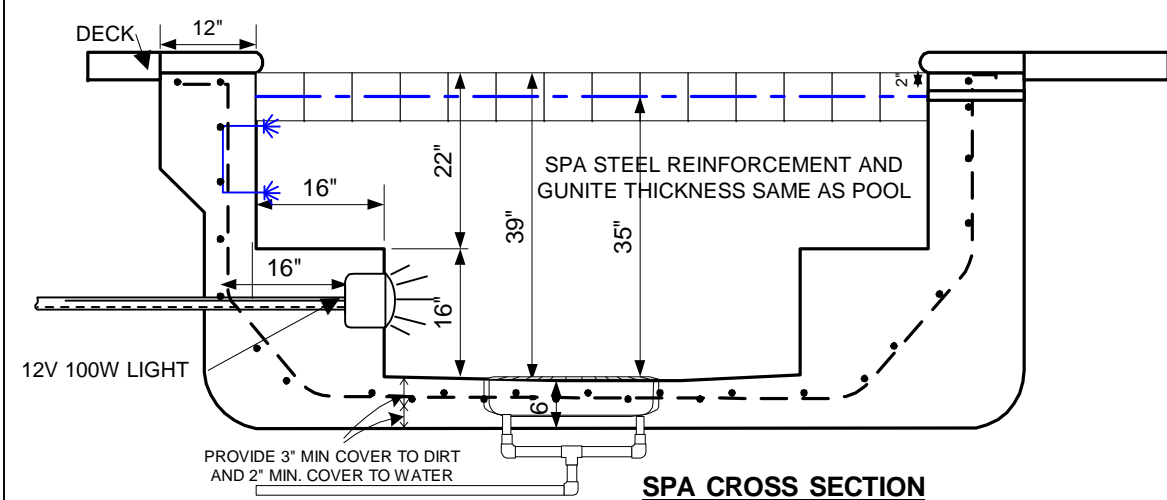
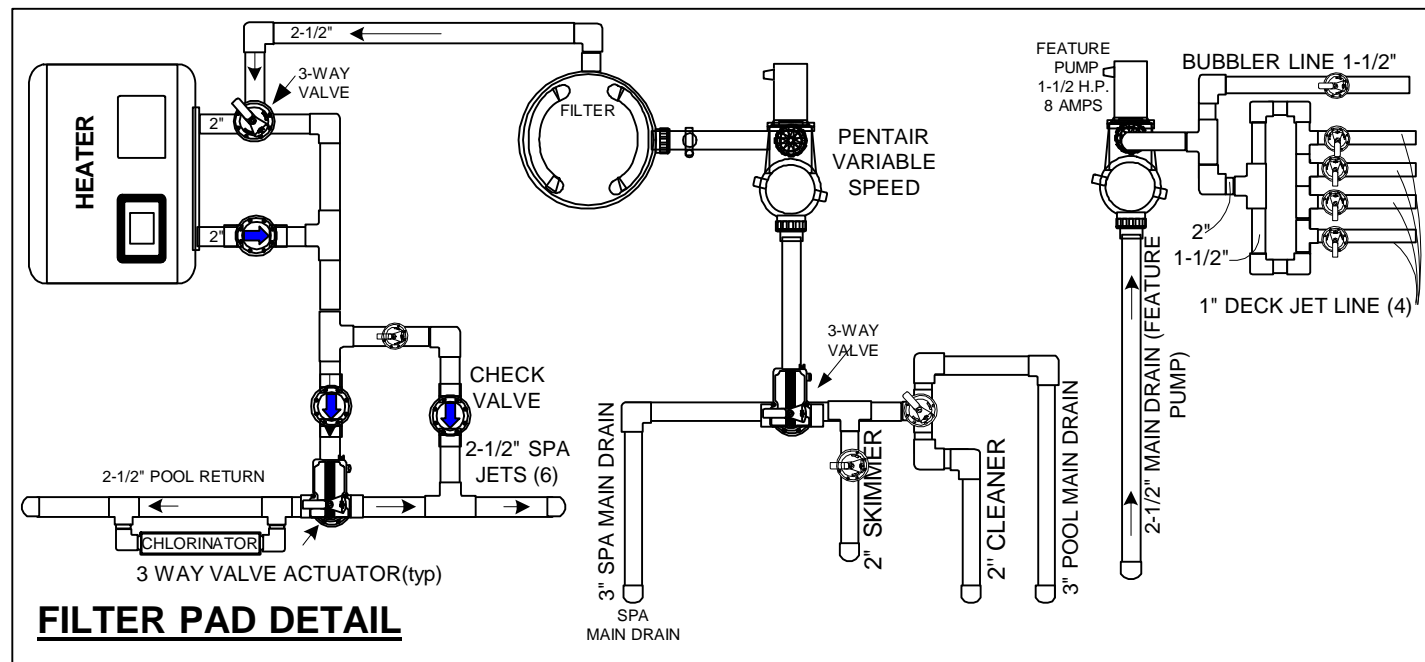
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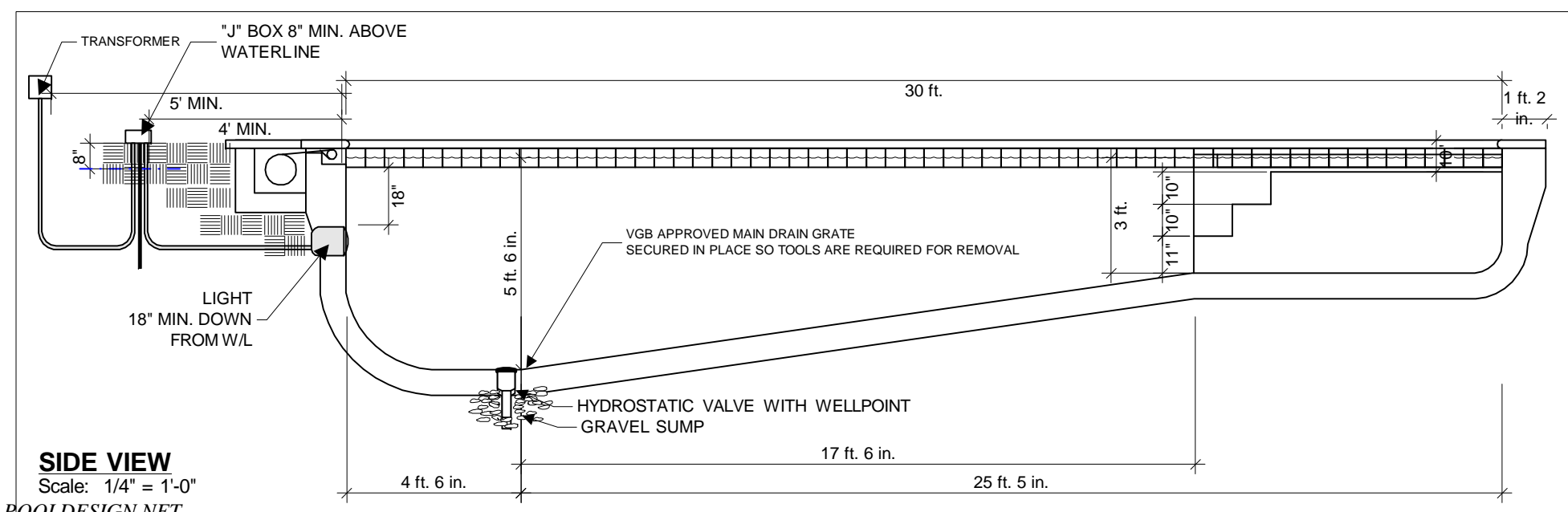
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- GENERAL NOTES: STRUCTURAL
- 1) PLANS DESIGNED PER CURRENT B.C.
 - 2) THE SITE SHALL HAVE UNDISTURBED SAND AND/OR ROCK, WITH A MINIMUM BEARING VALUE OF 2000 PSF OR SITE TO BE FILLED AND COMPACTED TO 95% DENSITY.
 - 3) ALL CONCRETE SHALL CONFORM TO A.C.I 318-02. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI FOR PNEUMATICALLY PLACED CONCRETE (GUNITE/SHOTCRETE)
 - 4) ALL REINFORCING STEEL SHALL BE INTERMEDIATE GRADE DEFORMED BARS OR NEW BILLET STEEL CONFORMING TO A.T.S.M.-15. STEEL SHALL BE BENT, LAPPED, AND PLACED IN ACCORDANCE WITH A.C.I. STANDARDS AND SPECIFICATIONS.
 - 5) ALL POOL PIPING SHALL BEAR THE N.S.F.-PW SEAL OF APPROVAL AND SHALL BE SCHEDULE 40 P.V.C. MIN. POOL PIPING TO COMPLY WITH B.C. POOL EQUIPMENT TO APPLY TO F.B.C.
 - 6) WATER SUPPLY AND DISPOSAL SHALL BE SO ARRANGED THAT THERE IS NO CROSS CONNECTION WITH A DOMESTIC WATER SUPPLY OR WATER DISPOSAL SYSTEM AND SHALL MEET ALL REQUIREMENTS IN B.C.



- LEGEND:
- (R) - RETURN LINE
 - (X) - ELEVATION
 - (V) - JANDY 2-WAY VALVE
 - (W) - JANDY 3-WAY VALVE
 - (C) - JANDY CHECK VALVE
 - (B) - BUTTERFLY VALVE
 - (S) - SKIMMER
 - (A) - VALVE ACTUATOR
 - NTS - NOT TO SCALE



POOL SPECIFICATIONS	
LENGTH	30 ft. 0 in.
WIDTH	15 ft. 0 in.
MIN. DEPTH	3 ft. 0 in.
MAX. DEPTH	5 ft. 6 in.
PERIMETER	90 ft.
AREA	450 ft.
GALLONS	14,500
TURNOVER RATE	4.0 HOURS @ 100 gpm
PUMP	POOL: PENTAIR
FILTER	CARTRIDGE
MAIN DRAINS	AQUASTAR
SKIMMERS	1
INLETS	4
LIGHT(S)	(1) 12V
SPA SPECIFICATIONS	
LENGTH	8'-0"
WIDTH	7'-0"
MAIN DRAINS	AQUASTAR
PUMP	PENTAIR VAR. SPD.
HEATER	400,000 BTU NAT. GAS
THERAPY JETS	8
SPA SIDE REMOTE OR WIRELESS	
LIGHT(S)	(1) 12V
BLOWER	1-1/2 HP

DETAILS PAGE

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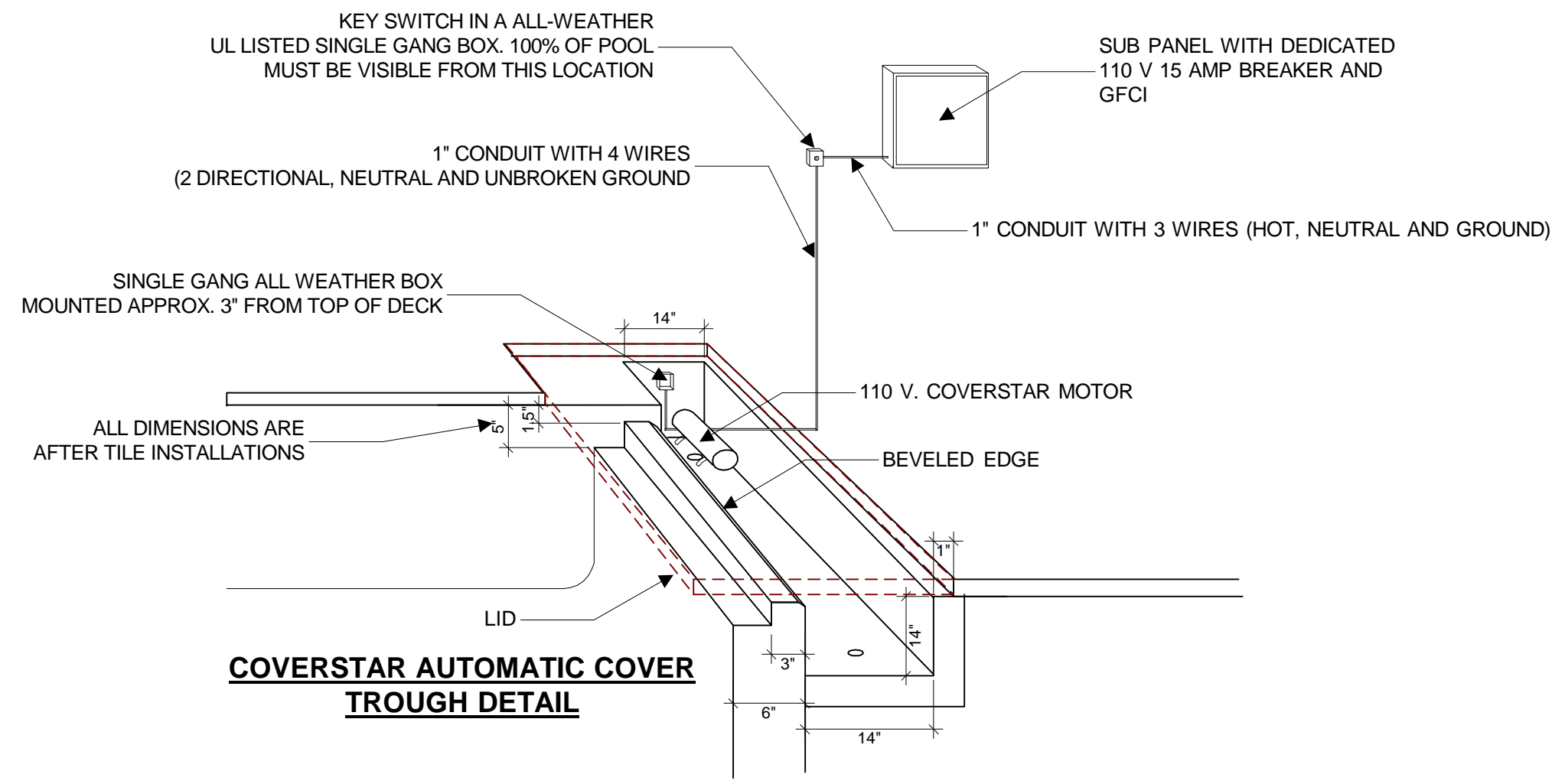
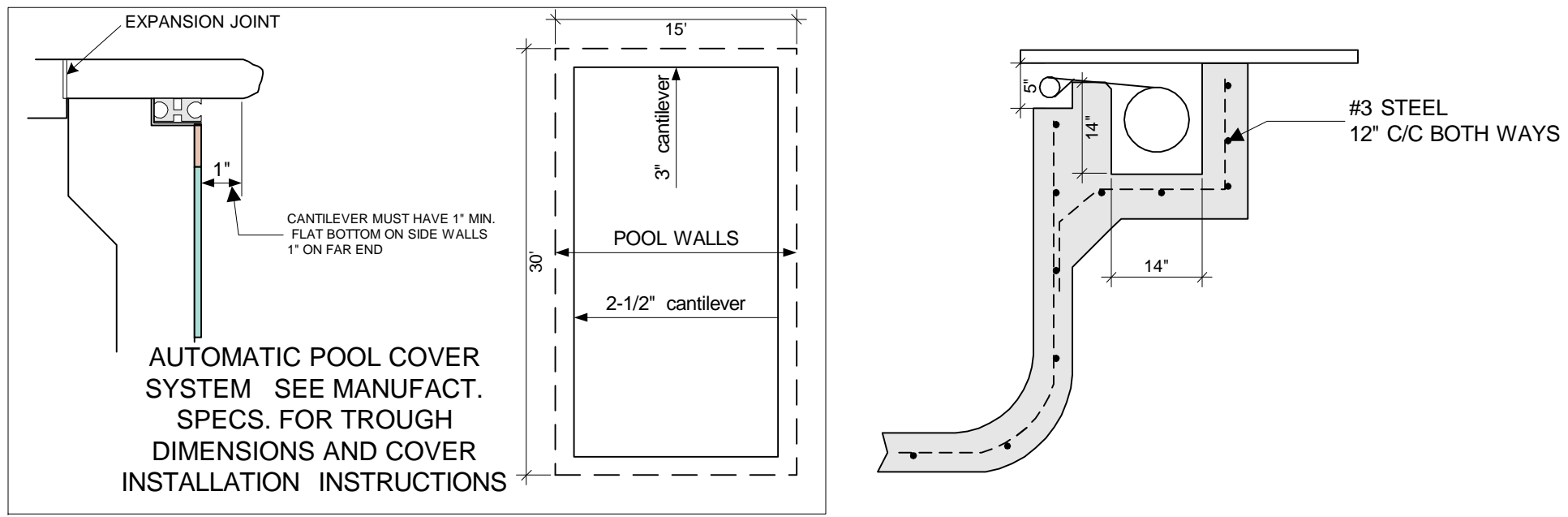
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