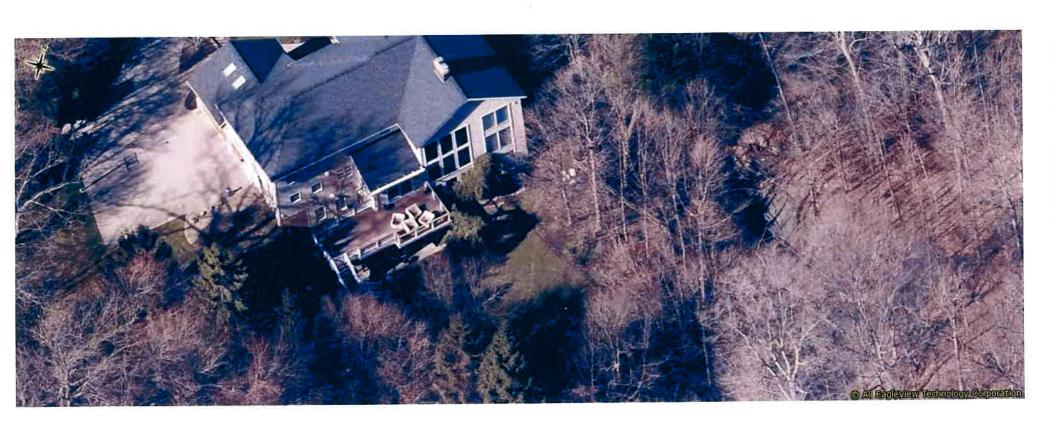
# **POOL AREA**



## **BACK YARD**



# HOUSE\_FRONT







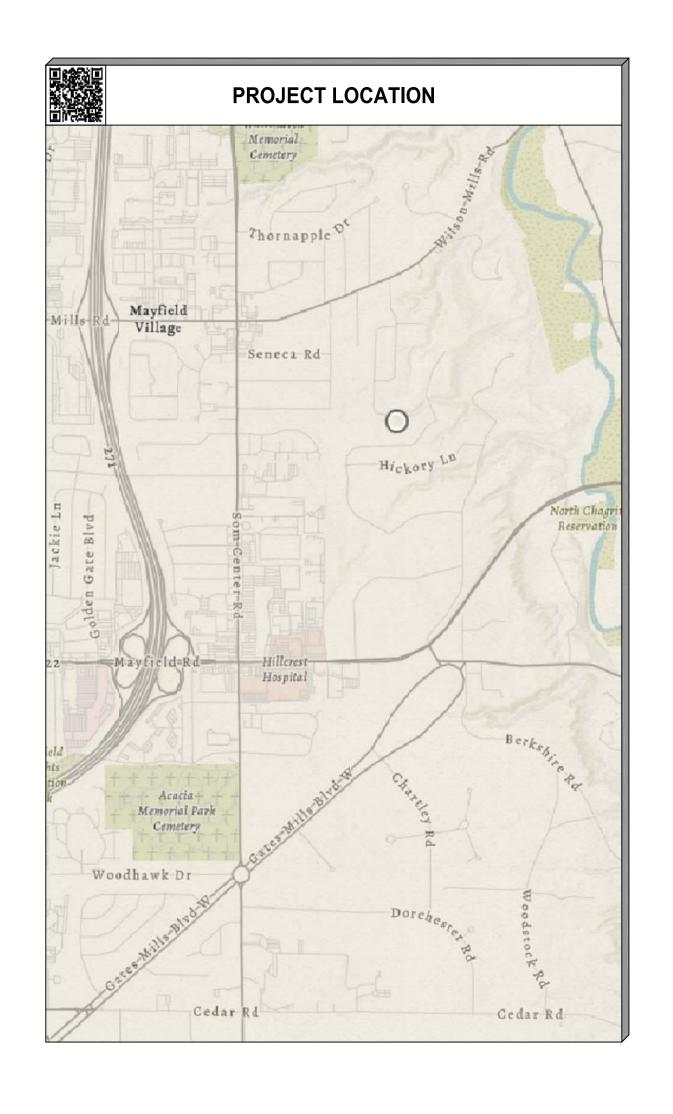
LANDSCAPE PLAN

NAGER RESIDENCE 886 HARDWOOD CT. MAYFIELD VILLAGE, OH 44040 REVSION# REV.

LANDSCAPE DESIGNBY:

SEAN BIEGA BGLA 1995 SCALE (18° = 1 DATE 6/28/2023

# Nager Residence 886 HARDWOOD CT. MAYFIELD, OH 44040



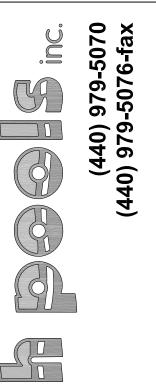
	DRAWING INDEX
NUMBER	TITLE
SP-TS	TITLE SHEET
SP-101	SITE PLAN
SP-110	POOL - LAYOUT PLAN
SP -111	POOL - DIMENSIONING PLAN
SP-112	POOL - SECTIONS
SP-200	AQUATIC STRUCTURAL DETAILS
SP-311	POOL - PLUMBING
SP-400	AQUATIC MECHANICAL DETAILS
SP-415	POOL - AUTOMATIC COVER
SP-500	AQUATIC UTILITY REQUIREMENTS
SP-600	AQUATIC BONDING DETAILS

MASTER POOLS by



31330 Industrial Parkway Cleveland, Ohio 44070

(440) 979-5070 (440) 979-5076-fax



MASTER POOLS by

1330 Industrial Parkway



PERMIT SET

# Nager Residence 886 HARDWOOD COURT MAYFIELD, OH 44040

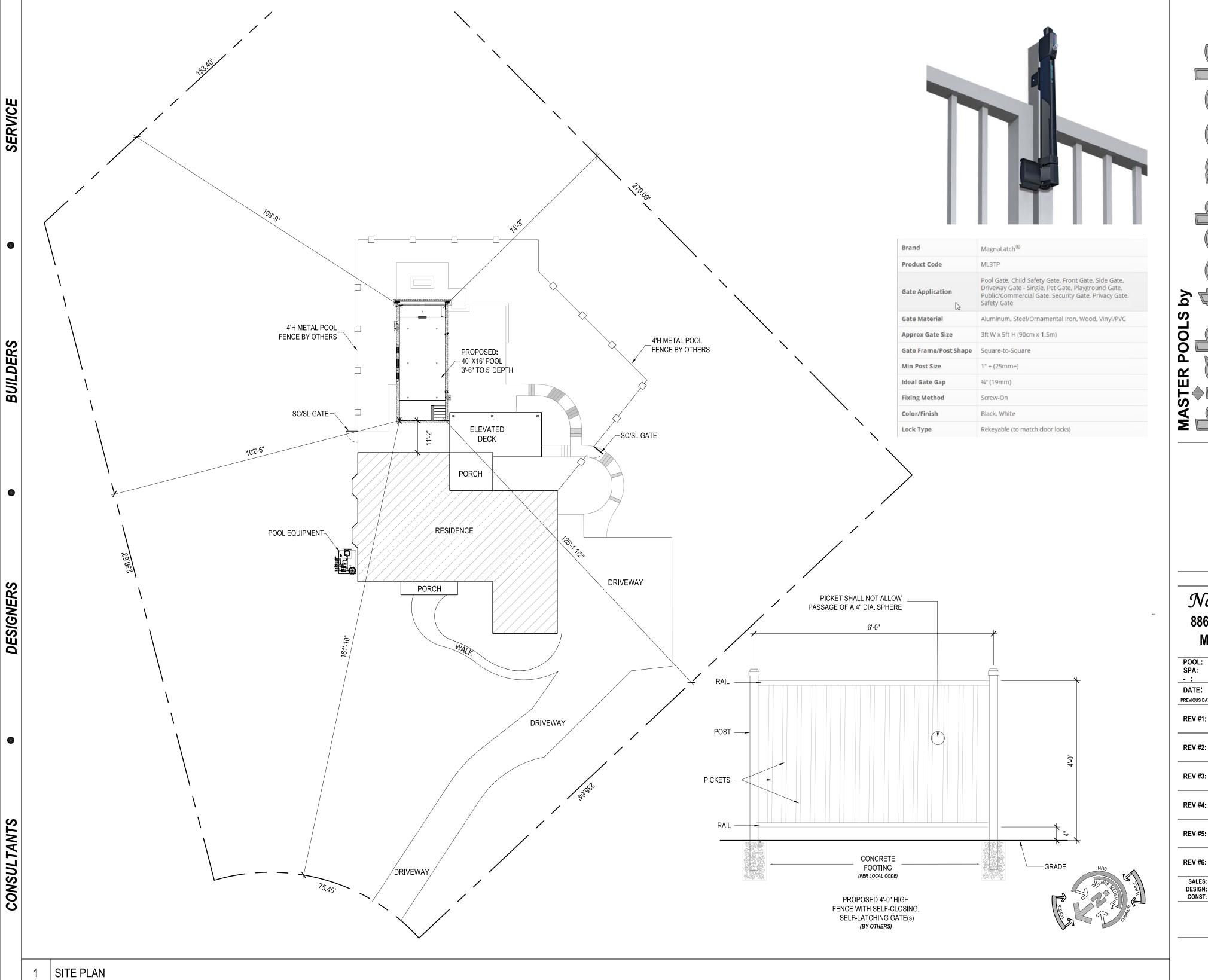
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	REV #5:	

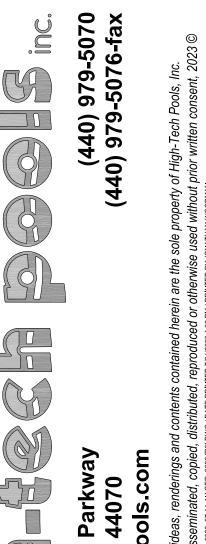
TITLE SHEET

REV #6:

**SALES:** TB 06.21.23 **DESIGN:** JW 07.19.23

SP-TS





CERT. NO. DT KM 039-20 SS 12-3

31330 Indu Cleveland,

# Nager Residence 886 HARDWOOD COURT MAYFIELD, OH 44040

POOL SPA	112 . 2328 . 640 . 20,346 . 1,116 . 57
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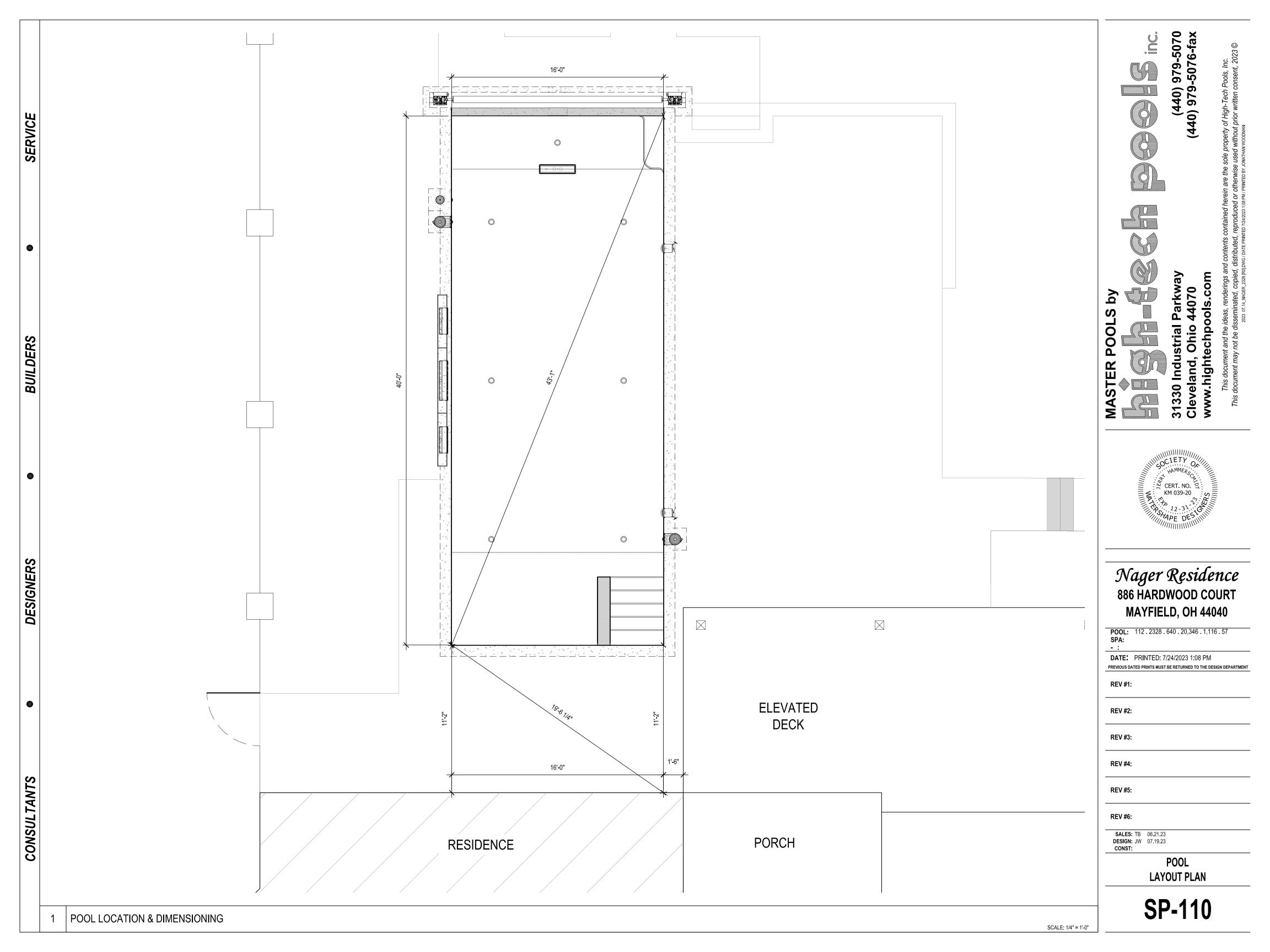
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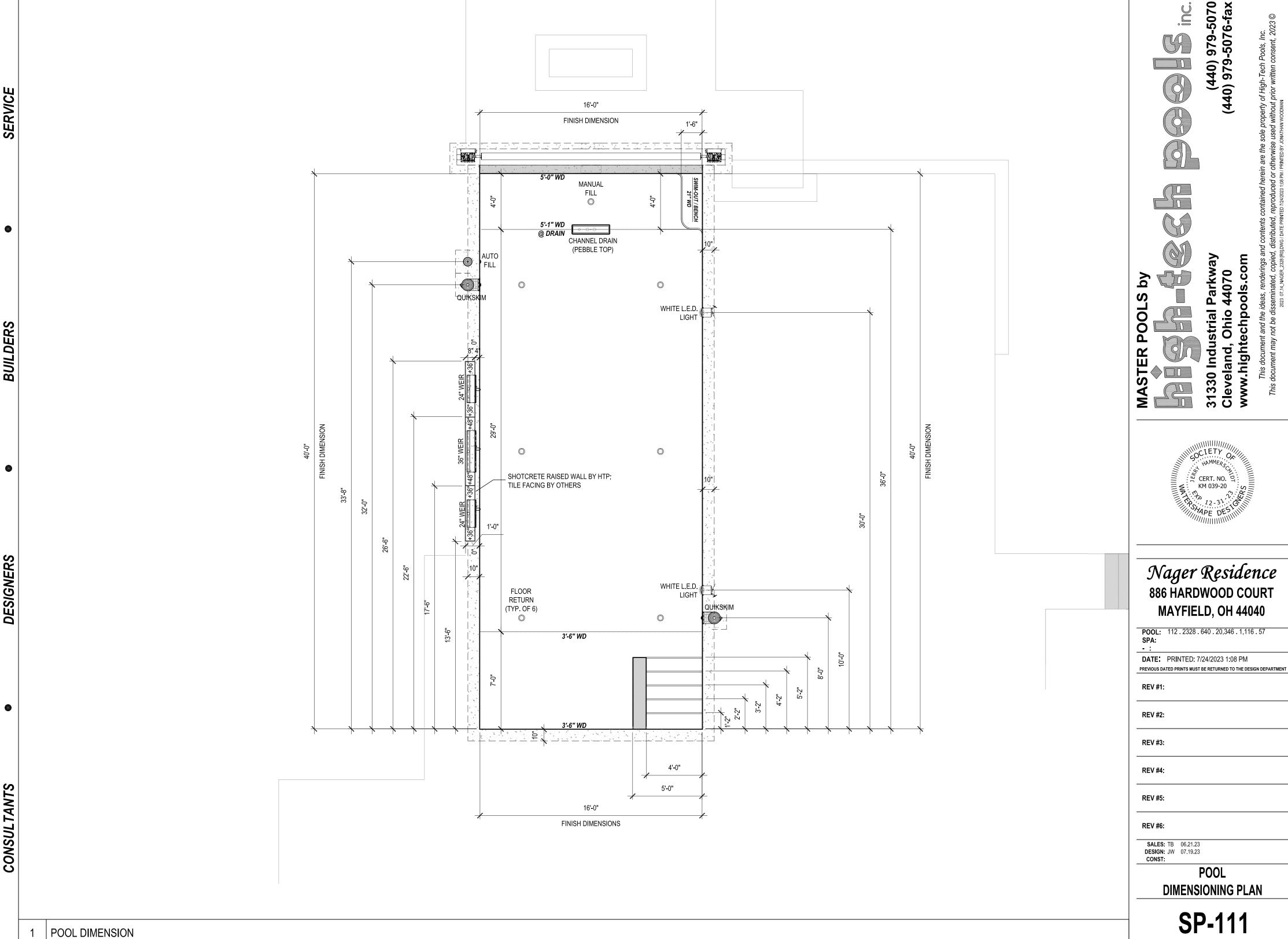
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DESIGN: JW 07.19.23 CONST:

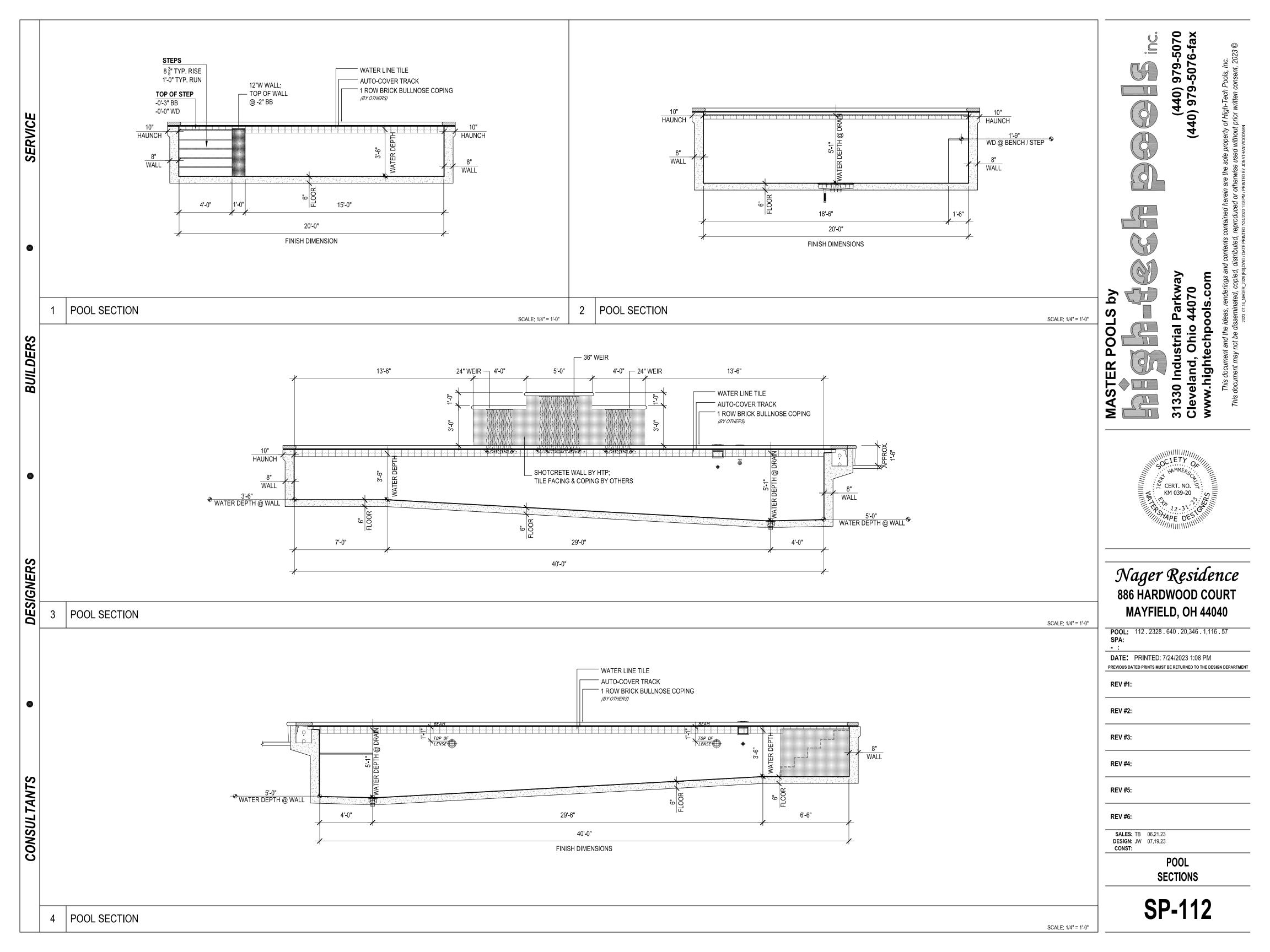
**SP-101** 

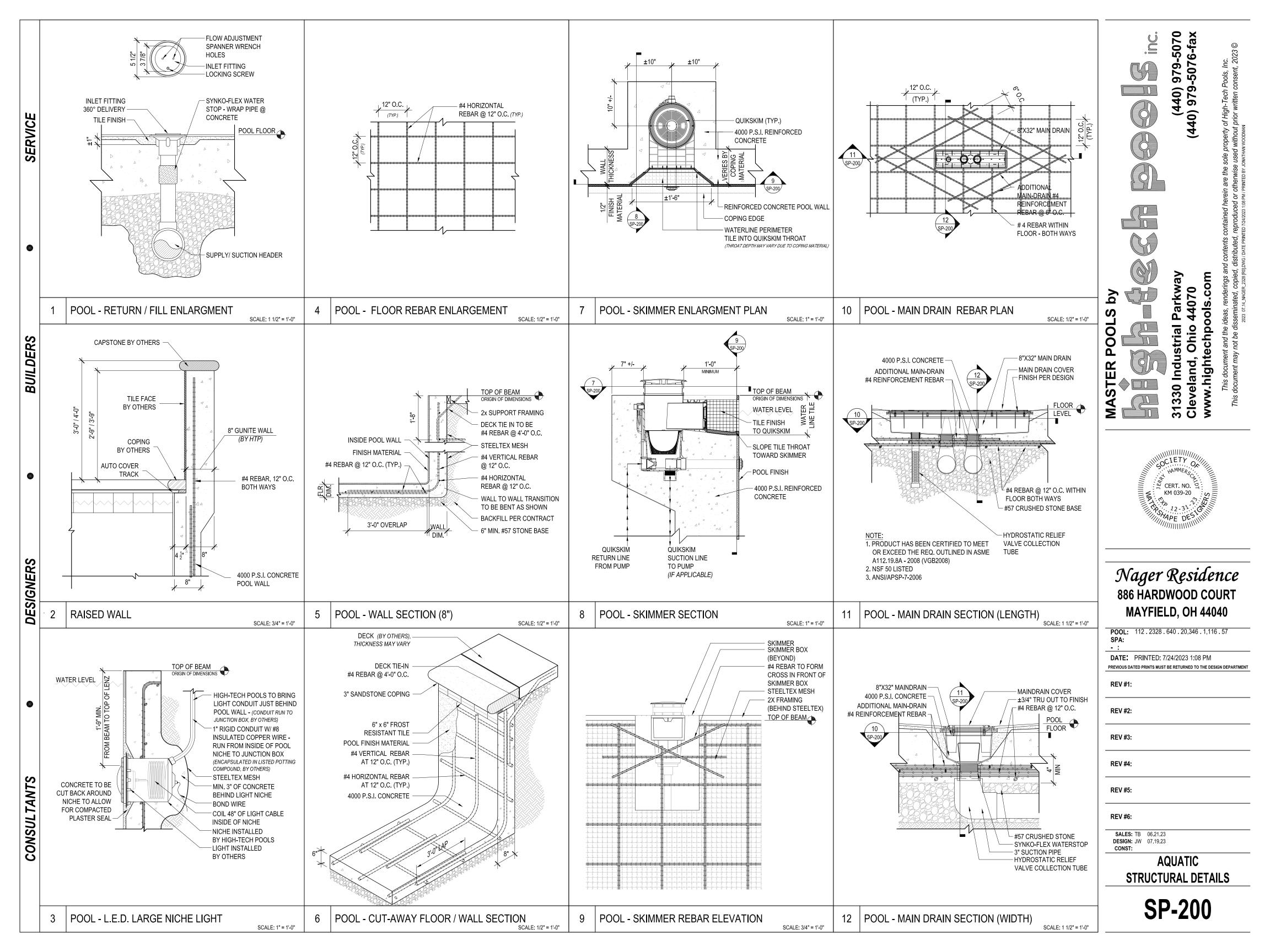
SITE PLAN

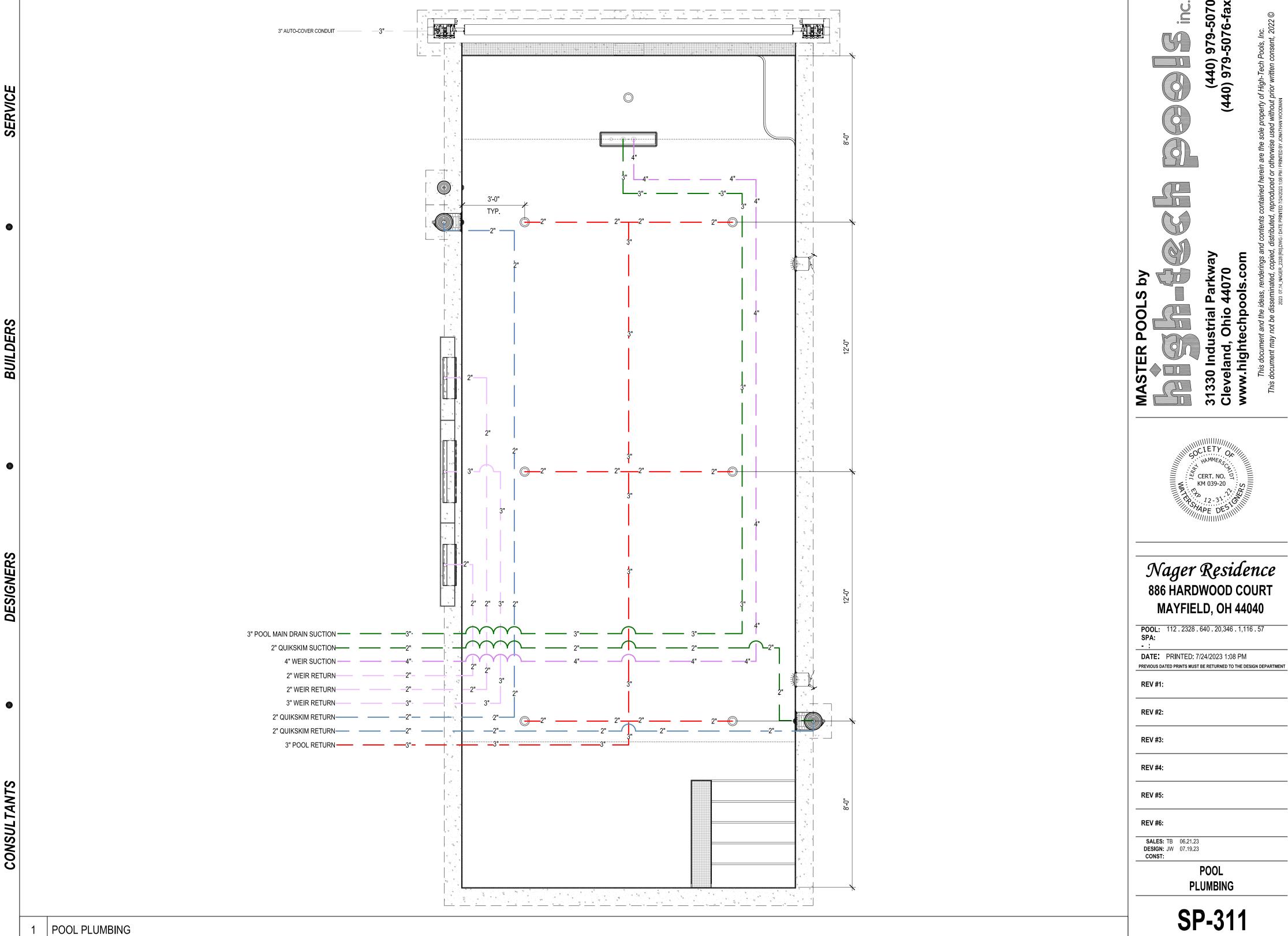




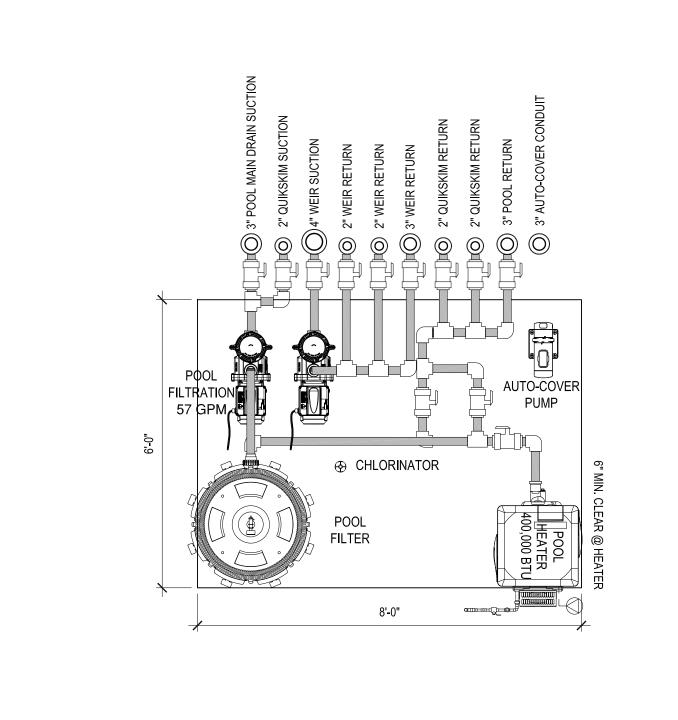
SCALE: 1/4" = 1'-0"



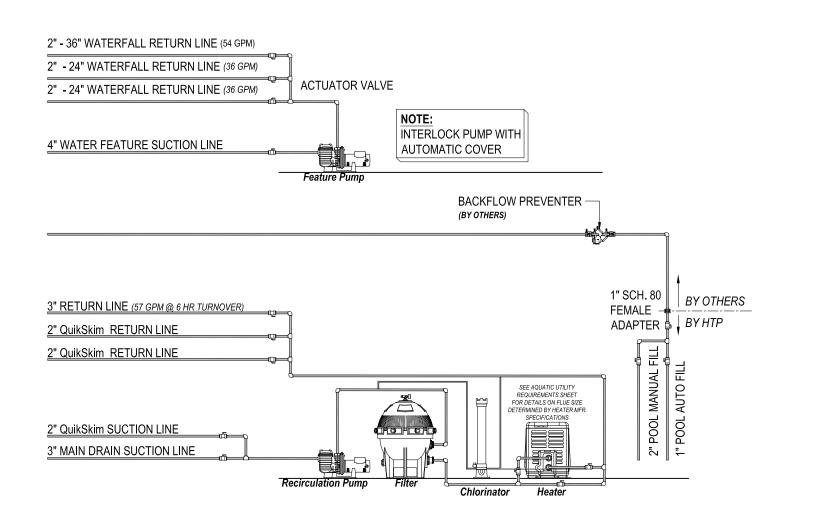


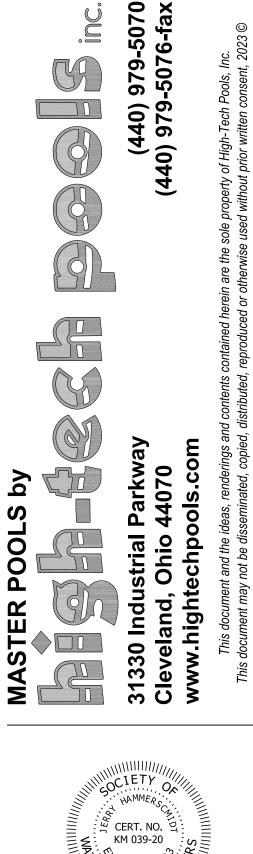


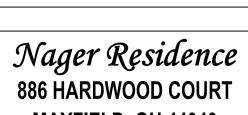
SCALE: 3/8" = 1'-0"



1 EQUIPMENT PAD/ROOM DETAIL
NOT TO SCALE







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TED PRINTS MUST BE RETURNED TO THE DESIGN DEPARTMENT

REV #3:	
REV #4:	

REV #6:		
SALES: TB	06.21.23	

**DESIGN:** JW 07.19.23

AQUATIC
MECHANICAL DETAILS

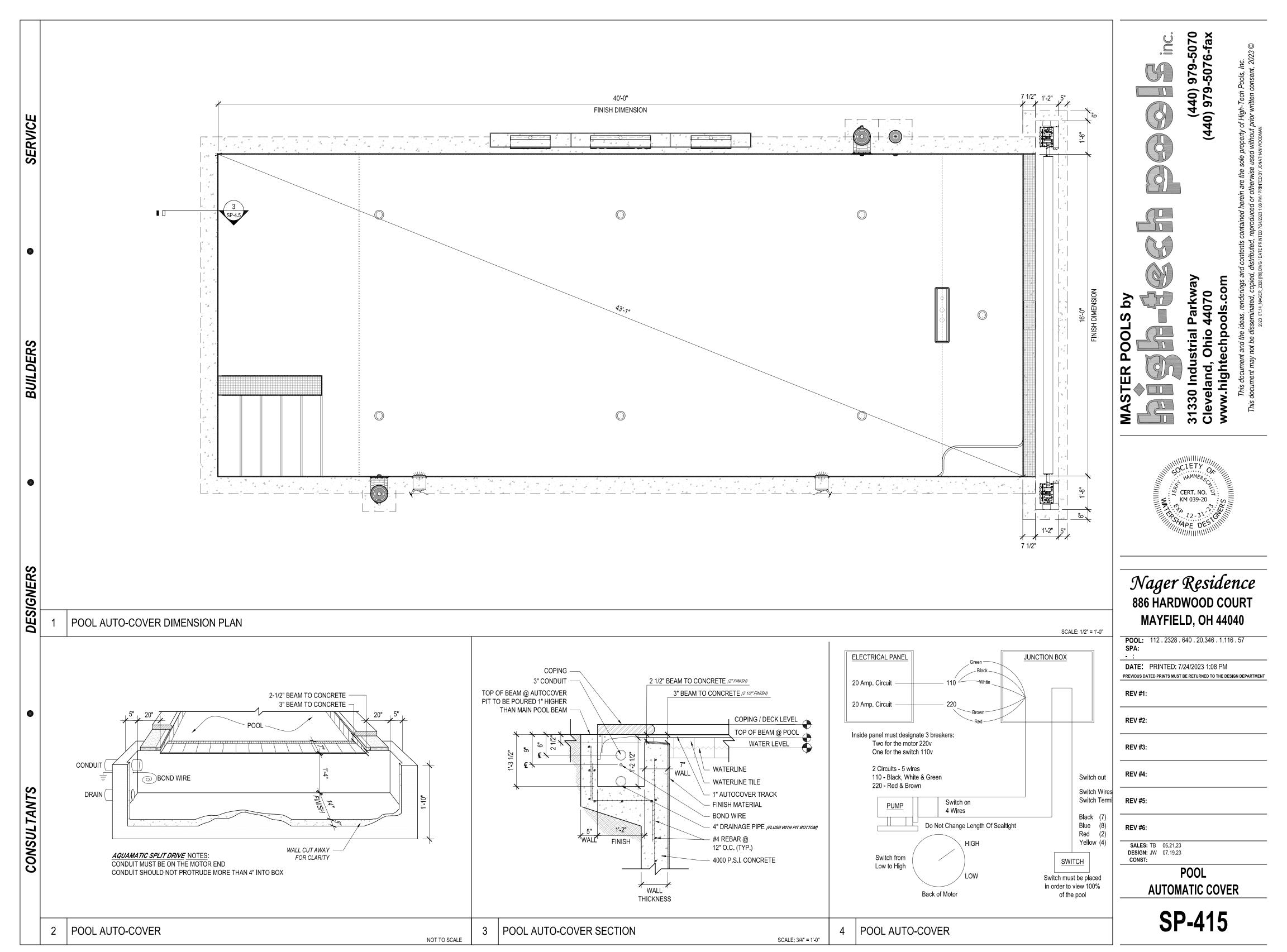
**SP-400** 

SERVICE

BUILDERS

DESIGNERS

CONSULTANTS



IMPORTANT NOTE:

IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO SUPPLY THE PROPER VOLTAGE FOR EACH PUMP MOTOR.

THIS REQUIREMENT MAY INDICATE THE NEED TO BOOST VOLTAGE WITH A

MOTOR RATED AT 230v WILL OVERHEAT AND HAVE REDUCED LIFE EXPECTANCIES IF RUN ON 207v (30)

PLEASE NOTE -- ALL UTILITY WORK TO BE BY OTHERS AS APPLIES:

ALL ELECTRICAL SWITCHING AND GROUNDING TO BE BY OTHERS. WHIRLPOOL ACTUATION TO BE INSTALLED BY ELECTRICIAN PER N.E.C. CODE. POOL LIGHT SWITCHING BY OTHERS.

LIGHTS SUPPLIED WITH 50' CORDS. JUNCTION BOX 18" ABOVE POOL WATER

ELECTRICIAN RESPONSIBLE TO PULL ALL LIGHTS WITH #8 GROUND WIRE. ALL PUMPS NEED SEPARATE SWITCHES IN FILTER ROOM FOR MAINTENANCE PERSON TO TURN ON AND OFF.

DRAIN AND WATER SUPPLY:

DRAIN NEEDED IN FILTER ROOM - 6" OR 8" CROCK WITH 4" DRAIN LINE. WATER SUPPLY - 1" WATER SUPPLY LINE TO POOL FILL POT WITH 1" VALVE AND

(SUPPLIED BY THE PLUMBER OR A DIRECT TIE IN WITH WATTS 900 BACKFLOW PREVENTOR.)

IT IS THE RESPONSILBILITY OF EACH UTILITY CONTRACTOR TO OBTAIN THE LATEST INFORMATION REQUIRED TO INSTALL EACH PIECE OF EQUIPMENT. THIS SHEET SHOULD BE USED AS A GUIDE, HOWEVER, EACH CONTRACTOR IS RESPONSIBLE TO FOLLOW ALL MANUFACTURERS RECOMMENDATIONS AND STATE OR LOCAL CODES THAT MAY APPLY.

#### **COMBUSTION AIR SUPPLY**

FOR INDOOR INSTALLATION, THE HEATER LOCATION MUST PROVIDE SUFFICIENT AIR SUPPLY FOR PROPER COMBUSTION AND VENTILATION OF THE SURROUNDING AREA.

THE MINIMUM REQUIREMENTS FOR THE AIR SUPPLY SPECIFY THAT THE ROOM IN WHICH A HEATER IS INSTALLED SHOULD BE PROVIDED WITH TWO PERMANENT AIR SUPPLY OPENINGS; ONE WITHIN 12 INCHES (30CM) OF THE CEILING, THE OTHER WITHIN 12 INCHES (30CM) OF THE FLOOR FOR COMBUSTION AIR, IN ACCORDANCE WITH THE LATEST EDITION OF ANSI Z223.1, OR THE NATIONAL FUEL GAS CODE, THE CSA B149.1, NATURAL GAS AND PROPANE INSTALLATION CODES, AS APPLICABLE, AND ANY LOCAL CODES THAT MAY APPLY. THESE OPENINGS SHALL DIRECTLY, OR THROUGH DUCT, CONNECT TO OUTDOOR AIR.

NOTE: FOR INDOOR INSTALLATIONS WHERE COMBUSTION AIR MIGHT BE INSUFFICIENT, SEE "DIRECT AIR INTAKE DUCT WITH 3-INCH PVC PIPE (INDOOR INSTALLATION)" ON PAGE 19.

#### **HEATER CLEARANCES**

INDOOR INSTALLATION (U.S.) OR OUTDOOR SHELTER (CANADA)

THE FOLLOWING CLEARANCES MUST BE MAINTAINED FROM COMBUSTIBLE SURFACES:

TOP..... ......6 IN. (15 CM) EXHAUST SIDE ......6 IN. (15 CM)

HEADER SIDE ......6 IN. (15 CM) DOOR PANELS† .......6 IN. (15 CM)

NOTE (†) FOR SERVICE ACCESS IT IS ADVISABLE TO ALLOW FOR SUFFICIENT CLEARANCE ON AT LEAST ONE DOOR PANEL. THE HEATER IS DESIGN CERTIFIED BY CSA INTERNATIONAL FOR INSTALLATION ON COMBUSTIBLE FLOORING. FOR INSTALLATION ON CARPETING, THE HEATER MUST BE MOUNTED ON A METAL OR WOOD PANEL THAT EXTENDS AT LEAST THREE INCHES (10CM) BEYOND THE BASE OF THE HEATER. IF THE HEATER IS INSTALLED IN A CLOSET OR ALCOVE, THE ENTIRE FLOOR SHALL BE COVERED BY THE PANEL. ON AN OUTDOOR SHELTER INSTALLATION, THE EXHAUST DISCHARGES INTO A VENT PIPE. ORIENT THE HEATER SO THAT THE VENT PIPE DOES NOT INTERFERE WITH ADJUSTMENT OF THE OPERATING CONTROLS. THE CONTROL PANEL LOCATED ON THE TOP PANEL CAN BE ROTATED TO ANY OF THE THREE SIDES OF THE HEATER FOR EASY ACCESS. HOWEVER. THE CONTROL PANEL MUST NOT BE LOCATED ON THE SIDE WHERE THE VENT IS LOCATED.

## OUTSIDE VENT COVER REMOVAL

THE HEATER IS SUPPLIED FROM THE FACTORY WITH A BUILT-IN STACKLESS OUTSIDE VENT FOR OUTDOOR INSTALLATION. REMOVE THE OUTSIDE VENT COVER FOR OUTDOOR SHELTER INSTALLATION.

## **VENT TERMINATION - HORIZONTAL**

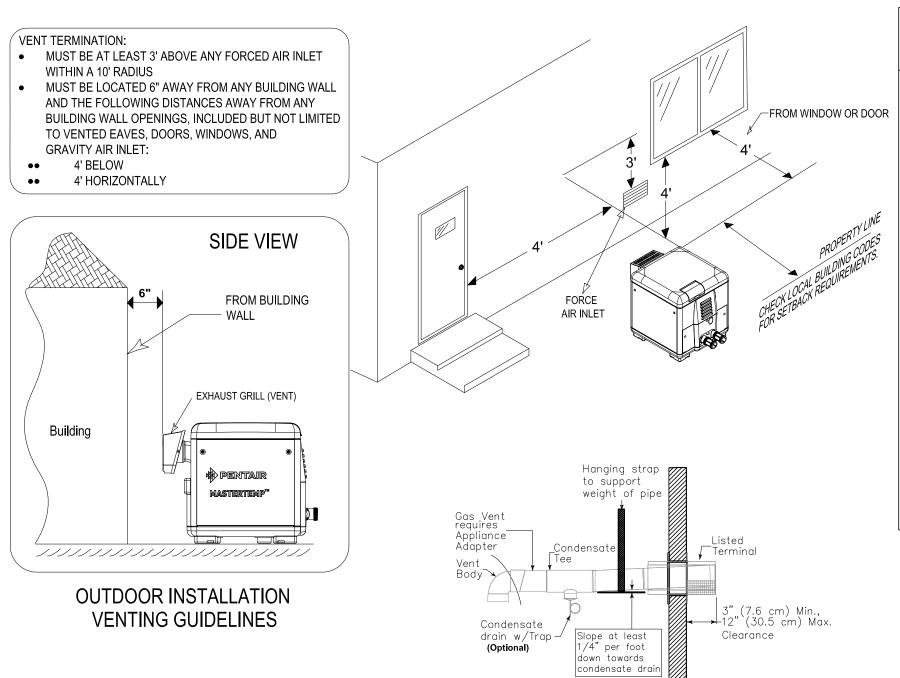
THE TERMINAL MUST BE LOCATED:

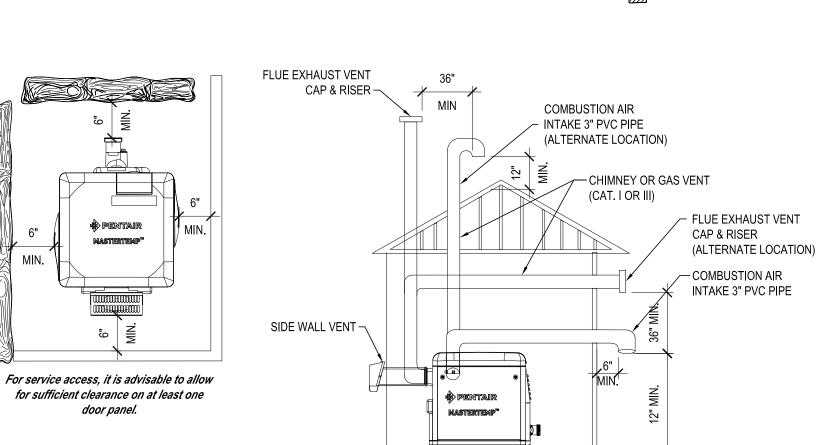
- AT LEAST 3" AND AT MOST 12" OUT FROM THE WALL, FOLLOWING THE VENT MANUFACTURER'S INSTRUCTIONS
- AT LEAST 12" ABOVE FINISHED GRADE OR THE NORMALLY EXPECTED SNOW ACCUMULATION LEVEL. WHICHEVER IS HIGHER
- AT LEAST 4 FEET BELOW OR HORIZONTALLY FROM. OR 1 FOOT ABOVE. ANY DOORS OR WINDOWS OR GRAVITY AIR INLET TO A BUILDING
- AT LEAST 3 FEET ABOVE ANY FORCED AIR INLET LOCATED WITHIN 10 FEET
- · AT LEAST 4 FEET HORIZONTALLY FROM ELECTRIC METERS, GAS METERS, REGULATORS AND RELIEF EQUIPMENT
- AT LEAST 7 FEET ABOVE GRADE ADJACENT TO WALKWAYS OR SIMILAR TRAFFIC

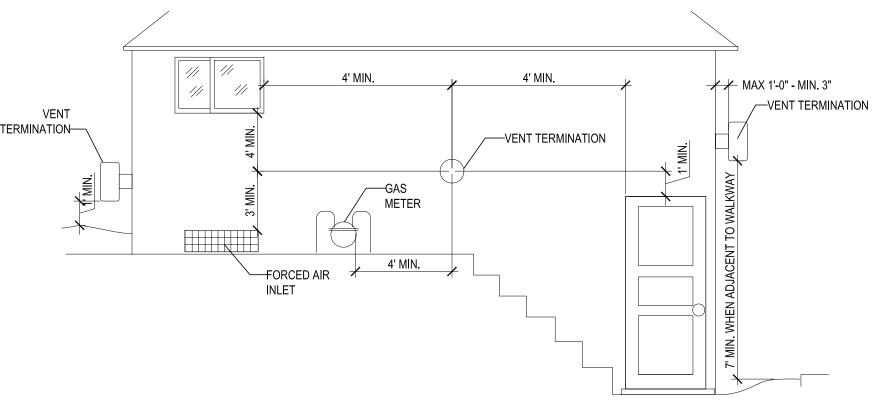
ALLOW AT LEAST THREE FEET (1M) VERTICAL CLEARANCE OVER VENT TERMINATION WHEN TERMINATING UNDER AN OVERHANG.

AVOID CORNERS OR ALCOVES WHERE SNOW OR WIND COULD HAVE AN EFFECT. EXHAUST MAY AFFECT SHRUBBERY AND SOME BUILDING MATERIALS. KEEP SHRUBBERY AWAY FROM TERMINATION. TO PREVENT STAINING OR DETERIORATION, SEALING OR SHIELDING EXPOSED SURFACES MAY BE REQUIRED.

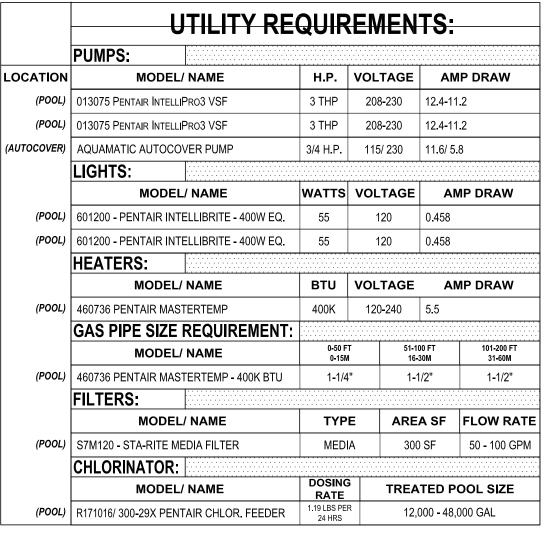
MINIMUM NET FREE OPEN AREA FOR EACH OPENING				
MODEL	ALL AIR FROM INSIDE BLDG		ALL AIR FROM OUTSIDE BLDG	
	COMBUSTION	VENT	COMBUSTION	VENT
125	200"2	200"2	50"2	50"2

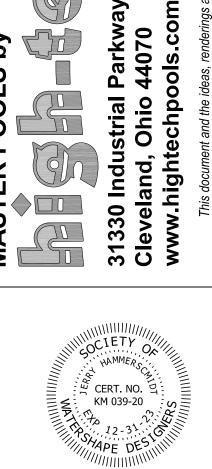






THIS SHEET CONTAINS GENERAL INFORMATION ONLY, PLEASE REFERENCE INSTALLATION MANUAL(s) FOR ANY ADDITIONAL DATA REQUIRED





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(440) (440) (440)

Parkway 44070

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## Nager Residence 886 HARDWOOD COURT MAYFIELD, OH 44040

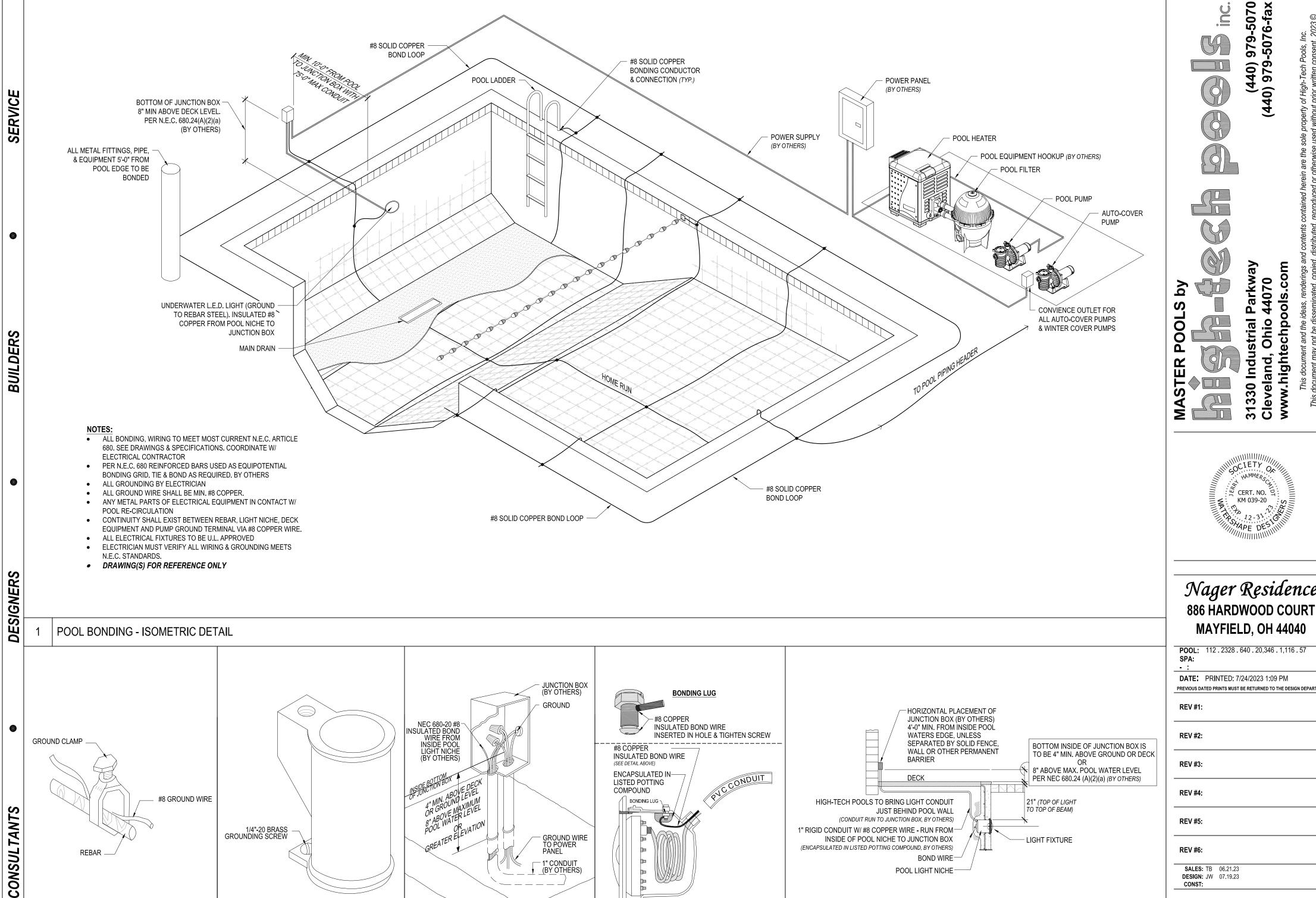
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REV #2:
REV #3:
REV #4:
REV #5:
REV #6:

**AQUATIC UTILITY REQUIREMENTS** 

**SALES:** TB 06,21,23

**DESIGN:** JW 07.19.23

**SP-500** 



GROUND WIRE TO POWER PANEL

LIGHT BONDING - SECTION

1" CONDUIT (BY OTHERS)

JUNCTION BOX - ENLARG.

1" RIGID CONDUIT W/ #8 COPPER WIRE - RUN FROM-

(ENCAPSULATED IN LISTED POTTING COMPOUND, BY OTHERS)

INSIDE OF POOL NICHE TO JUNCTION BOX

5 | LIGHT FIXTURE BONDING - SECTION

BOND WIRE-

POOL LIGHT NICHE

1/4"-20 BRASS GROUNDING SCREW

ANCHOR - ENLARGEMENT

REBAR

**REBAR - ENLARGMENT** 

Nager Residence

POOL: SPA:	112 . 2328 . 640 . 20,346 . 1,116 . 57
	PRINTED: 7/24/2023 1:09 PM TED PRINTS MUST BE RETURNED TO THE DESIGN DEPARTMENT
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REV #4:	
DEV/ #5.	

REV #5: REV #6:

**SALES:** TB 06.21.23

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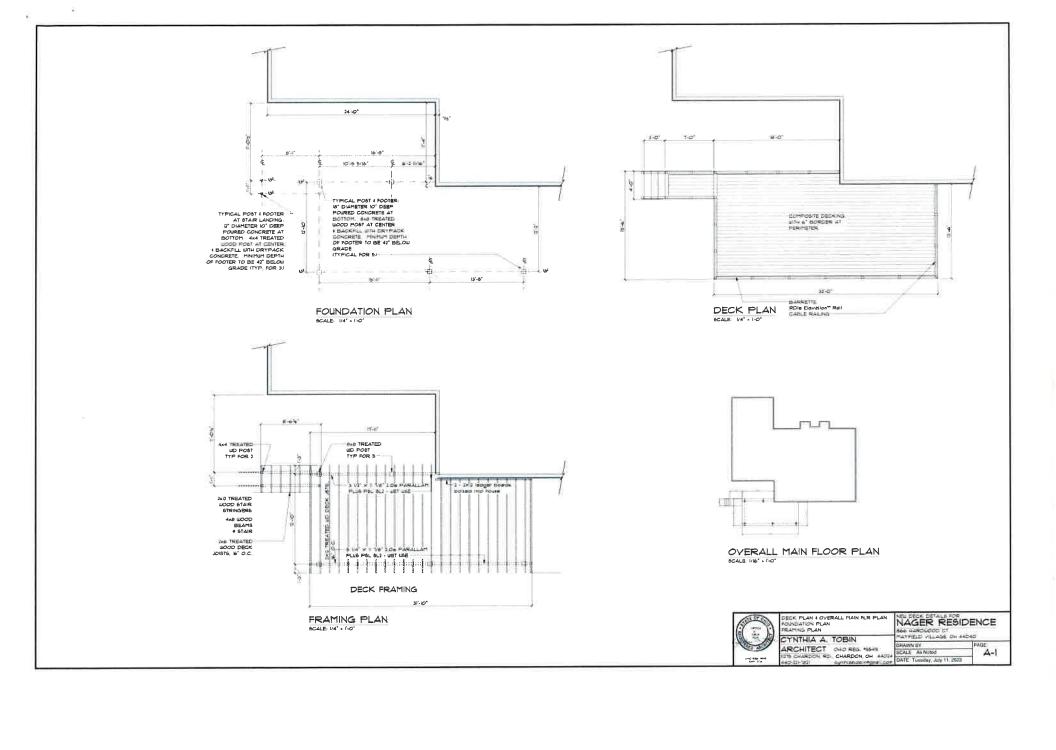
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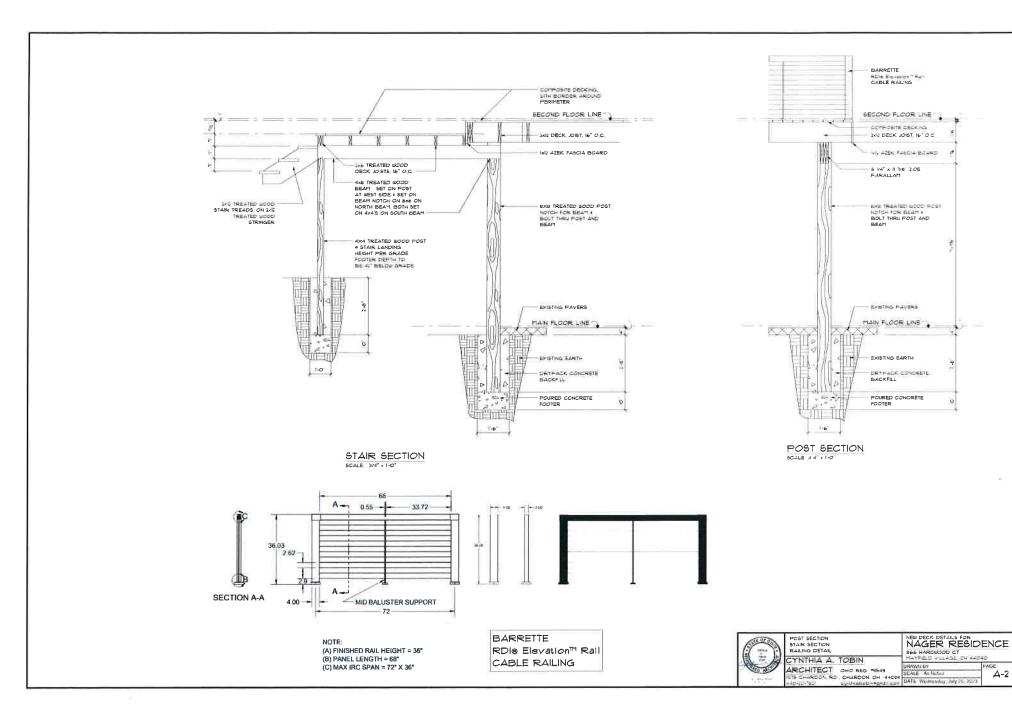
**DESIGN:** JW 07.19.23

LIGHT FIXTURE

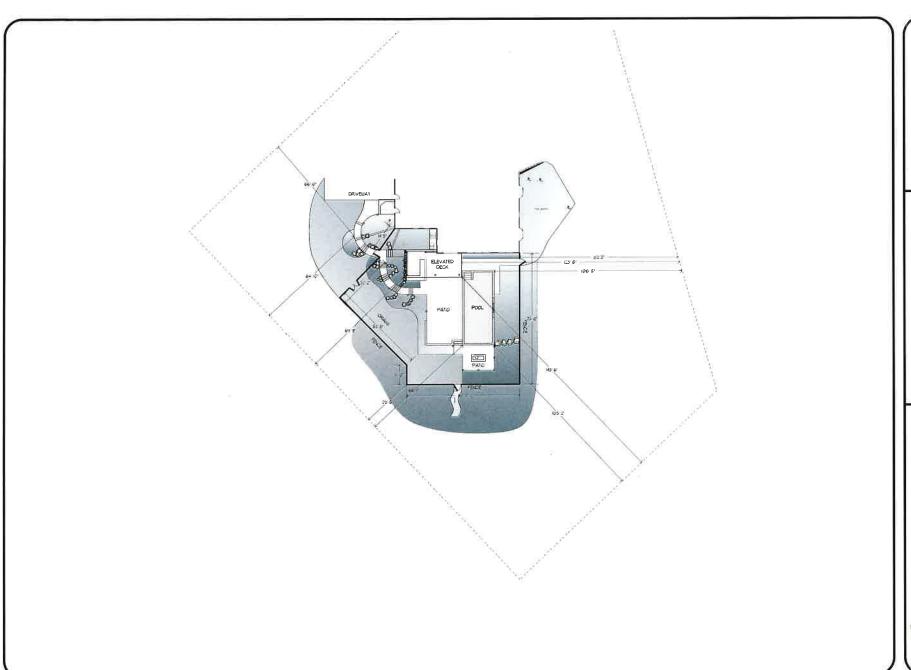
**AQUATIC BONDING DETAIL** 

**SP-600** 





A-2





NAGER RESIDENCE 886 HARDWOOD CT. MAYFIELD VILLAGE, OH 44040 REVSION# REVI LANDSCAPE PLAN

LANDSCAPE DESIGN BY:
SEAN BIEGA BSLA 1995
SCALE 1/16"-1"
DATE 6/30/2023



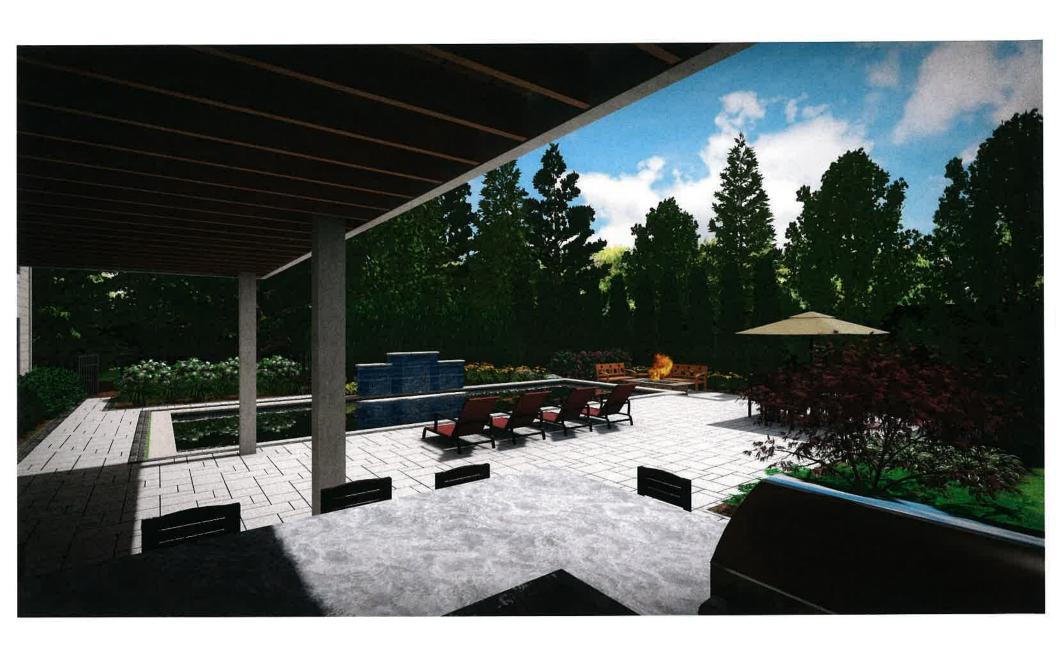
STONE FX CONSTRUCTION

NAGER RESIDENCE 886 HARDWOOD CT. MATRIELD VILLAGE, OH 44040 REVSION# REVI

LANDSCAPE DESIGN BY: SEAN BIEGA BSLA 1935 SCALE ((B') = 1' DATE 6/28/2023





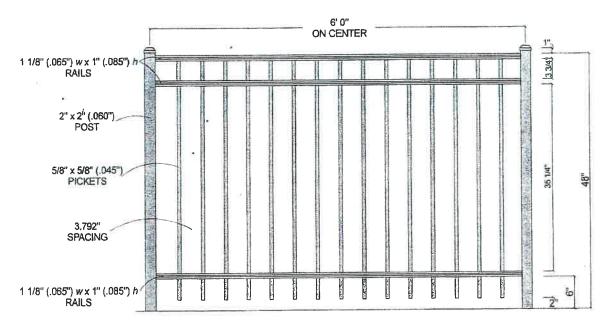






## 4' Regis Ornamental Model 3230







### AUBURN FENCE

Personal, Professional Service For All Your Fencing Needs Residential • Commercial (440) 543-4850

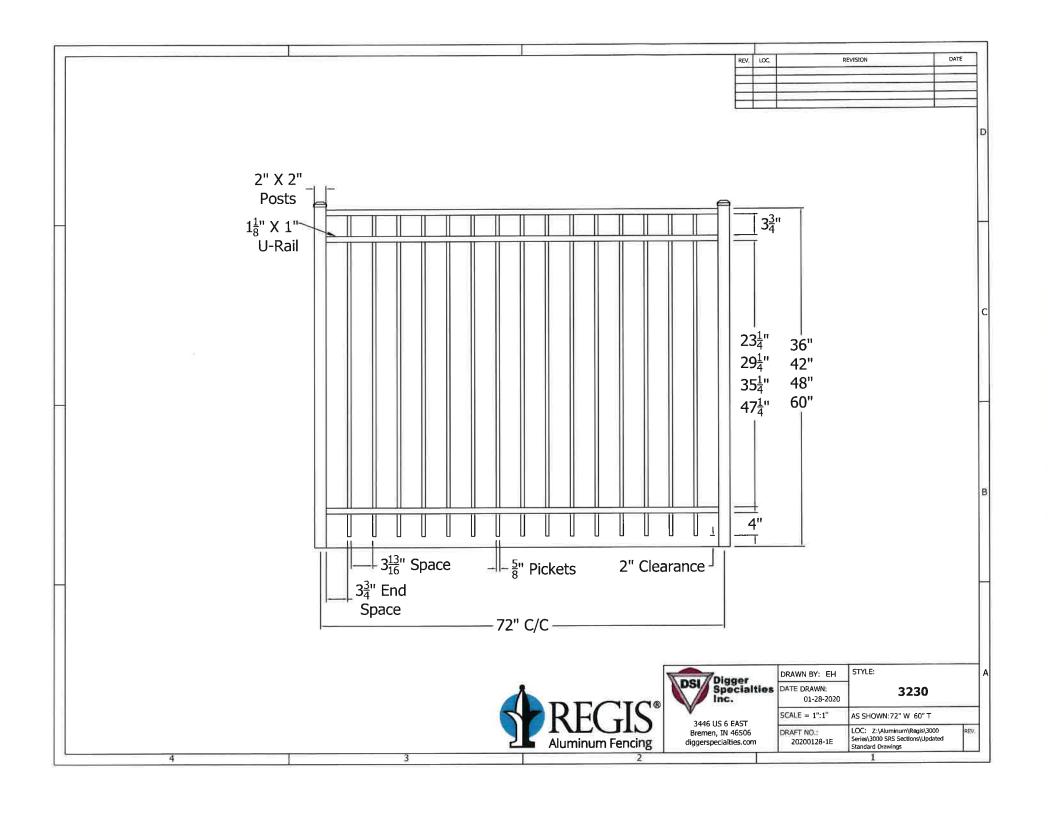
Fax (440) 543-4626 www.auburnfence.com

Don Simpson President 18096 Munn Road Chagrin Falls, OH 44023



48" Tall

2" x 2" x 6' 6"



#### SOPHISTICATED, STYLISH.



## Vintage Collection®



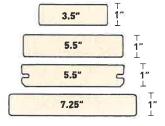






Explore the "Designer Series" of decking to make your outdoor living space a masterpiece. This sophisticated collection features the most natural-looking colors with a wire-brushed, low-gloss finish for a truly authentic, nuanced wood look. Bring the subtle blend of natural colors found in the Vintage Collection to your outdoor living space. These complementary colors can be mixed and matched to make the style statement you've been seeking.

- Wire-brushed, low-gloss finish
- Highly color-blended
- Multi-Width Options: Mix it up with stylish narrow, standard, and wide widths available in all colors



MAX Boards available in Coastline. Perfect for docks, boardwalks, and many commercial applicátions.





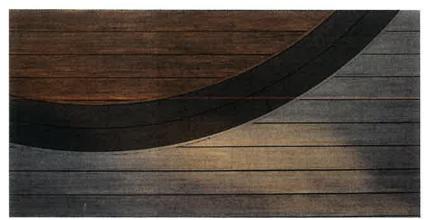
DARK HICKORY

CYPRESS"

## Deck Out Your Design



Combine with Classic Composite Series Railing in White



COASTLINE® + MAHOGANY + DARK HICKORY DECKING



#### WARM. NATURAL. EFFORTLESS.

## Harvest Collection®





53 8

Tie in traditional, cathedral wood grain patterns and a soft, solid color palette to your deck when using boards from this classic collection. Composed of natural shades, this decking complements a wide range of homes' exteriors. Seeking a freshly painted wood look? Look no further than the Harvest Collection.

- Cathedral wood grain pattern
- Solid colors
- Available in standard width and thickness
- Wide width available in Brownstone and Slate Gray
- MAX boards are available in Slate Gray, Perfect for docks, boardwalks, and many commercial applications

	5.5"	1"
5	5.5"	3 1"
	7.25"	





## Deck Out Your Design



Combine with Impression Rail Express® in Dark Bronze with Glass Infill



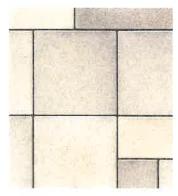
BROWNSTONE + SLATE GRAY

## **ENDURACCLOR**

# Beacon Hill Smooth









FOSSIL

GRANITE FUSION

OPAL

TUSCANY **NEW** Not available in Slab

#### 3 UNIT RANDOM BUNDLE PEDESTRIAN ONLY



LARGE RECTANGLE 15 x 22½ x 23/8" 380 x 570 x 60mm



SQUARE 15 x 15 x 23/8" 380 x 380 x 60mm



SMALL RECTANGLE 7½ x 15 x 23/8" 190 x 380 x 60mm

#### SLAB PEDESTRIAN ONLY



XL UNIT 22½ x 37½ x 2¾° 570 x 950 x 60mm

#### **NEW FOR 2023**

**80 MM RANDOM BUNDLE** DRIVE FRIENDLY

Granite Fusion and Fossil only

#### NEW SMALL RECTANGLE PEDESTRIAN ONLY







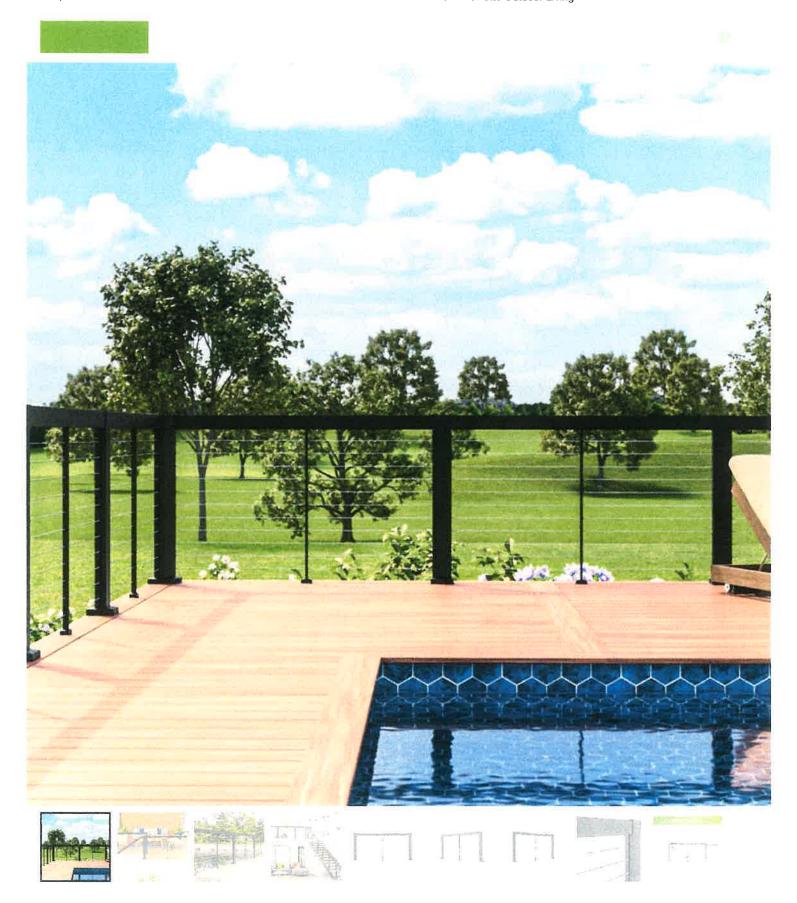


7½ x 15 x 23/8" 190 x 380 x 60mm

FOSSIL

GRANITE FUSION

DARK CHARCOAL



### **Product Description**

Available in pre-assembled kits that can install 38% faster than the leading competition\* — and easy to shop with fewer SKUs to order —RDI Elevation Rail requires no special tools or fasteners and is unlike any other cable railing system on the market. With pre-strung continuous stainless-steel cables and adjustable panels that span up to 6' wide, RDI Elevation Rail features the patent pending OneTen™ built-i