

**ADDENDUM NO. 1****8/17/2022**

**RE:               McBurney Center Pool Renovation  
Corbin, Kentucky  
Project No. 21140**

**FROM:          Brandstetter Carroll Inc.  
2360 Chauvin Drive  
Lexington, Kentucky 40517  
Phone 859-268-1933  
Fax 859-268-3341**

**TO:             Plan Holders**

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This addendum forms a part of the Construction Documents and modifies the original bidding documents dated 7/29/2022. Each bidder shall acknowledge receipt of this addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of seventeen (17) pages, plus Attachments: Prebid Meeting Attendance List, Pexco-Hedgelink-Privacy Material, CP-102 – Pool Layout & Materials Plan, M-101 Mechanical Plan, E-001 – Site Electric Plan, E-101 Lighting & Power Plan, E-501 – Electrical Notes & Schedules, ADD1.1, ADD1.2, ADD 1.3, and ADD 1.4.

**GENERAL:**

1. Schlage locks and cylinders are an approved alternate. Falcon locks and cylinders are NOT an approved equal.

**CHANGES TO SPECIFICATIONS:**

1. Specification Section 071400 Fluid Applied Waterproofing
  - A. Section 2.1 Materials: Hydralastic™ 836 is an accepted product.
2. Specification Section 131540 Swimming Pool Accessories
  - A. Section 2.4, Aqua Creek Model Scout Excel

**CHANGES TO DRAWINGS:**

1. CP-102 – Pool Layout & Materials Plan
  - A. Added dome heaters to drawing to show their placement.
  - B. Added electrical outlets in deck to power the blowers for the dome heaters.
  - C. Added intake and discharge water lines for the dome heaters.
  - D. Added details to indicate the addition of American PermaHedge chain link fence privacy screening material to the new chain link fence around HVAC units only.
  - E. Added gate locations to the new 6'-0" fence around the facility.
2. CP-103 – Pool Dimensional Plan
  - A. Added dimensions locating water and electrical outlets for dome heaters.  
(These outlets are intended to only be used while the dome is in place).

3. CP-105 – Pool Deck Drainage & Utilities Plan
  - A. Changed the drain line from the surge tank to be a sanitary sewer line.
  - B. Extended the sewer line to connect into the existing sewer line in front of the pool house. Grass and concrete will have to be excavated in front of the pool house to install new sanitary sewer lines.
4. CP-106 – Pool Piping Plan
  - A. Added intake and discharge piping and a pressure loop to serve the water lines for the dome heaters.
5. CP-602 – Pool Process Flow Diagram
  - A. Added a pressure loop and dome heaters to the diagram.
  - B. Added a booster pump to help feed the water flowing to the dome heaters and back. (This will only be used when the dome is in use).
6. M-101 – Mechanical Plan
  - A. New boiler for pool water heating.
7. E-001 - Site Electrical Plan
  - A. Included pool deck outlets for powering the blowers that are part of the dome heaters.
8. E-101 – Lighting & Power Plan
  - A. Added a booster pump to help pump water through the line that is feeding water to the dome heaters. (This pump will only be used when the dome is in use).
9. E-501 – Electrical Notes & Schedules

**ATTACHMENTS:**

1. Prebid Meeting attendance list.
2. Pexco-Hedgelink-Privacy Material
3. CP-102 – Pool Layout & Material Plan
4. M-101 Mechanical Plan
5. E-001 – Site Electric Plan
6. E-101 – Lighting & Power Plan
7. E-501 – Electrical Notes & Schedules
8. ADD 1.1
9. ADD 1.2
10. ADD 1.3
11. ADD 1.4

**END OF ADDENDUM NO. 1**

## ATTENDANCE SHEET

## PROJECT: Corbin Pool Renovation

**PROJECT NO.: 21140**



**DATE: August 16, 2022**

**TIME: 10:00 a.m.**

[illegible]



# CHAIN LINK FENCE ENHANCEMENT PRODUCTS & FENCE ACCESSORIES



**FENCE PRODUCTS**



## PEXCO TACOMA, WA

Serving the western half of the U.S., Canada, Mexico, as well as Asia and Australia.

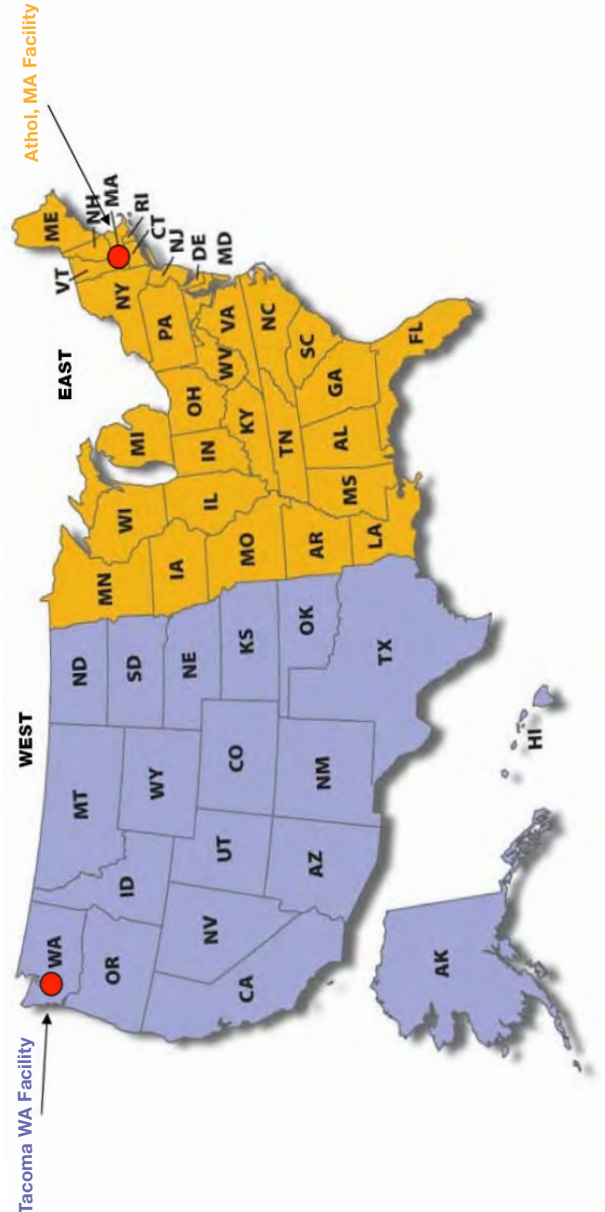


## PEXCO ATHOL, MA

Serving the eastern half of the U.S., Canada, Mexico, South America, Central America as well as Europe and the Middle East.



## PEXCO FENCE SERVICE LOGISTICS



# PRIVACY DECORATIVE SLATS (PDS®) FOR CHAIN LINK FENCING

For over 40 years, Pexco's PDS® Fence Products division has been the leading innovator and manufacturer of chain link fence enhancement products, that add privacy, security and esthetics to new and existing fence systems. PDS® Fence Products are available through most fence distributors and wholesalers in the U.S., Canada and select international locations.

## ASTM

"Meets ASTM3000 and ASTM3000M specifications"

## Materials

Most of our fence products are extruded from either High, Medium or Low Density Prime Polyethylene, color pigments and ultra violet (UV) inhibitors, specifically designed to retard the harmful effects of the sun and lengthen the life of the product.

## Maintenance

Cleaning of most surface contaminants is quickly accomplished with plain water.

## Wind Load Disclaimer

Pexco will not be responsible for fence damage resulting from wind load conditions due to insufficient structural support.

## Limited Warranty

Pexco PDS® Fence Products carry an extensive, pro-rata warranty against breakage and material degradation under normal conditions. See each product page for years of coverage or write Pexco for full warranty information.

## Standard Colors\*



\*Exact representation of slat colors in printing is difficult. Please refer to actual color samples for final matching.

\*Special colors are available upon request. Minimum quantities apply.

## Patents & Trademarks

Covered by one of more of the following U.S. Patents and Trademarks:  
 2,581,523; 2,496,335; 1,418,371; 3,599,684; 4,636,202; 7,207,551;  
 1,865,283; 1,774,536; 5,265,251; 2,099,134; 1,876,014; 2,451,995;  
 5,276,498; 5,266,105; 5,315,456; 5,266,110; 5,554,156; 2,184,971;  
 2,291,967; 76/564,416; D585,572

Covered by one of more of the following Canadian Patents and Trademarks:  
 TMA452,165; TMA442,215; TMA978,855

Made in the USA



## WHAT SIZE PDS® FENCE SLATS WILL WORK IN YOUR CHAIN LINK FENCE?

Pexco's PDS® Fence product line offers a variety of Fence Privacy Slats (Inserts), which fit in different sizes of chain link fencing. We have Fence Slats that fit into the following diamond sizes: 1<sup>3</sup>/<sub>4</sub>", 2", 2<sup>1</sup>/<sub>4</sub>", 2<sup>3</sup>/<sub>8</sub>" and 3<sup>1</sup>/<sub>2</sub>" x 5".

Before you order Fence Slats, you must first determine the size of the "diamond" on your fence. This is done by measuring the inside dimensions diagonally in both directions. (See Photos Below)

**Please note:** The wire gauge (thickness), will affect the fit of our Fence Slats. Each product in this brochure includes a chart to show what size Fence Slat needs to be ordered for the various diamonds and gauge combinations available in the marketplace.

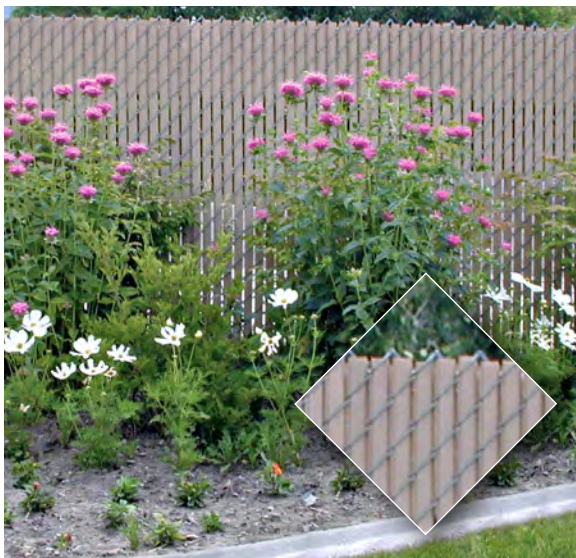
Below is a measurement of a 2" Chain Link Diamond:





## FEATHER LOCK®

1



With the proven quality and durability of our standard slats plus a unique design feature at the top which gives extra screening and makes this slat self-locking.

**Design:** Feather Lock® Slat has a rigid, flat-tubular body, with one “leg” inside the hollow, rigid body of the slat for extra support. This Slat comes with our unique, innovative self-locking “feather” design section, only at the top of the slat which holds it in place and creates extra screening at the top of the fence. This “feather” design-feature varies in length, from 11½” to 17½”, depending on the overall height of the Slat.

**Installation Instructions:** Insert vertical slats downward, keeping the feathered portion on top of the fence.

**Standard Heights:** 4, 5, 6, 7, 8, 10 and 12 feet

**Wind Load and Privacy Factor:** Approximately 80%.

**Slat Length:** 1½” shorter than the overall height of fence.

**Warranty:** 25 years pro-rata.

SLAT

PROFILE:



Slat Type	Slat Width	Mesh Size	Wire Gauge	Slats Per Bag
Feather Lock®	1½"	2"	9 or 11	82

## HEDGELINK® (Extra-Privacy)



HedgeLink® is our most premium and unique chain link fence enhancement product, which creates a natural green hedge look that requires no maintenance and offers almost complete privacy.

**Design:** The HedgeLink® core is made with a strong, rigid 16-gauge galvanized, braided wire. Blue Spruce colored 3-mil PVC needles are embossed for an extra plush effect.

**Installation Instructions:** Requires no locking device or tools and installs much like our Winged Slats®. Insert HedgeLink® slats vertically top to bottom, keeping the green needles facing up, while revolving the slat clockwise with your fingers for easier installation.

**Standard Heights:** 4, 5, 6, 7, and 8 feet.

**Wind Load and Privacy Factor:** Approximately 95%.

**Fence Sizes:** For most Chain Link Fence sizes. Not intended for use with mini-mesh or 3½” x 5” fence fabric.

**Features:** UV stabilized to protect against the harmful rays of the sun. Flame retardant.

**Note:** Do not mix HedgeLink® with any other manufacturer's hedge product – color shades are different.

**Warranty:** 10 years pro-rata.

Slat Type	Mesh Size	Wire Gauge	Slats Per Box	Approx. Coverage Per Box
HedgeLink®	2", 2¼" or 2¾"	9, 11 or 11½	82	10 linear ft



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### **PEXCO TACOMA**

Tacoma, WA 98424  
800.822.SLAT (7528)

### **PEXCO ATHOL**

Athol, MA 01331  
800.755.SLAT (7528)

### **EMAIL US AT:**

[fence.sales@pexco.com](mailto:fence.sales@pexco.com)

### **VISIT US AT:**

[www.pexco.com/fence](http://www.pexco.com/fence)  
[www.pdsfence.com](http://www.pdsfence.com)

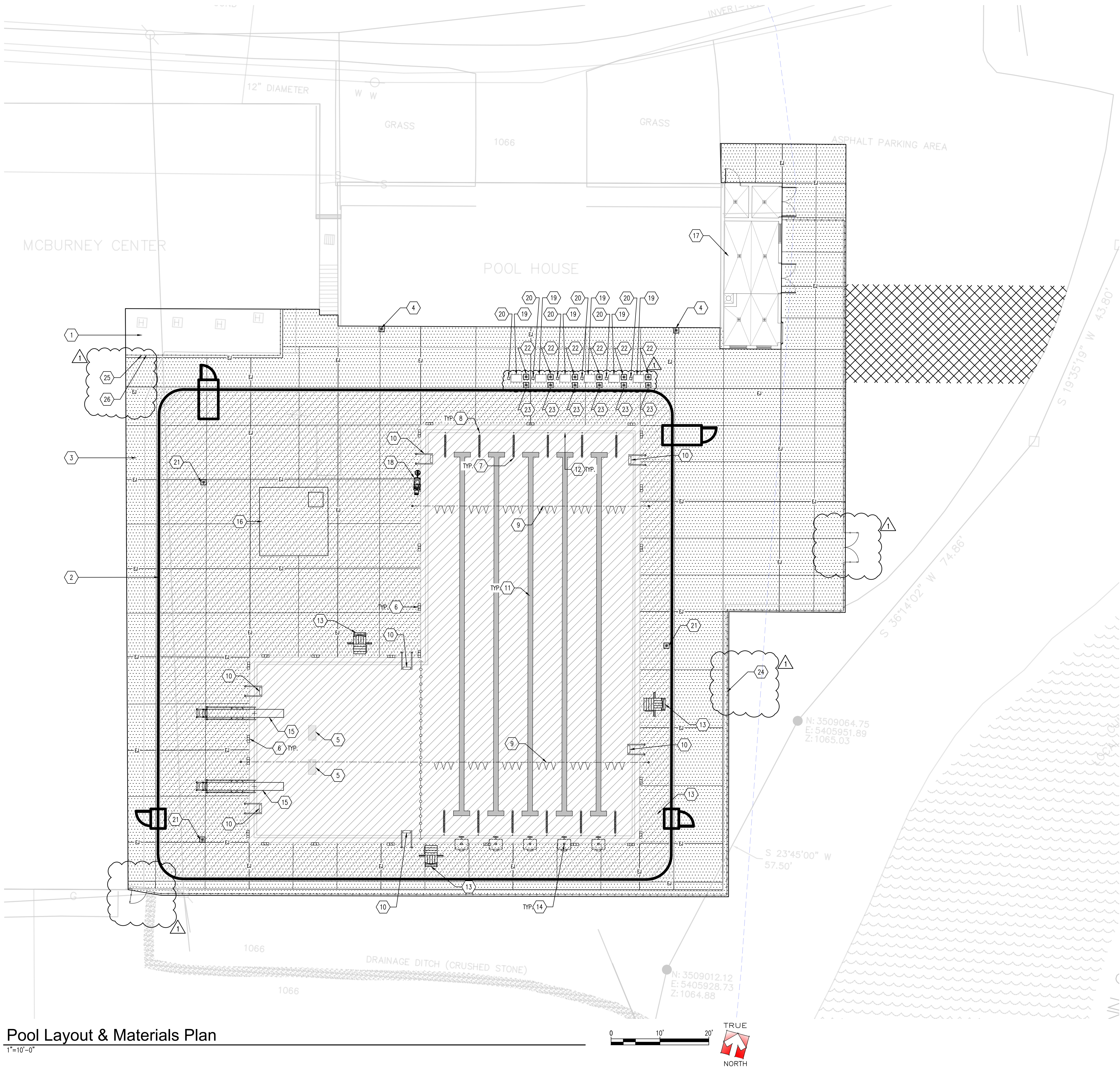
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All products proudly made in the USA







Pool Layout & Materials Plan

1"=10'-0"

## General Notes

- IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL CONDITIONS PRIOR TO BIDDING AND OR CONSTRUCTION.
- THE CONTRACTOR MUST COORDINATE ALL SITE STAGING/CONSTRUCTION ACTIVITIES WITH THE OWNER PRIOR TO COMMENCEMENT OF WORK.
- IT IS THE CONTRACTORS RESPONSIBILITY TO SAFEGUARD ITEMS WHICH ARE NOT AFFECTED BY THE SCOPE OF DESIGN/CONSTRUCTION OF THIS PROJECT. ANY AND ALL DAMAGES TO SAID ITEMS SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY. AFFECTED ITEMS SHALL BE REPAIRED/REPLACED BY CONTRACTOR AT THE OWNERS DISCRETION AND TO THE OWNERS SATISFACTION.
- ALL ITEMS RELATIVE TO LOGISTICAL SUPPORT OF CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO: CONSTRUCTION ACTIVITY PLANS, TEMPORARY FACILITY LOCATION(S), CONSTRUCTION FENCE LOCATIONS, STORMWATER POLLUTION CONTROL ELEMENTS, PROJECT SIGNAGE, ETC., SHALL BE SUBMITTED TO OWNER FOR REVIEW AND APPROVAL PRIOR TO IMPLEMENTATION.
- ALL DISTURBED GRASS AREAS, ADJACENT TO OR IN THE CONSTRUCTION ZONE, SHALL BE PROPERLY FILLED WITH TOP SOIL AND COMPACTED AS REQUIRED TO REMOVE ALL RUTS AND OR SURFACE IRREGULARITIES. UPON COMPLETION OF FINISH GRADING, SOD SHALL BE PLACED IN ACCORDANCE TO THE SPECIFICATIONS.
- THE CONTRACTOR SHALL REPAIR AND OR REPLACE AREAS OF ROADS OR SIDEWALKS DAMAGED DURING CONSTRUCTION ACTIVITIES AT THE OWNERS DISCRETION.
- IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL NEW AND RESURFACED PAVEMENT AREAS ALONG WITH MODIFIED GRASS AREAS ALLOW THE FOLLOWING: SLOPE DIRECTS RAINFALL AWAY FROM ALL STRUCTURES, AND PAVEMENT/GRASS AREAS ARE CONSTRUCTED IN A MANNER WHICH PROHIBIT ANY AND ALL PONDING.
- IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE PRESENCE OF EXISTING PIPING AND UTILITIES PRIOR TO CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL MAINTAIN OWNER ACCESS TO SITE AND OR FACILITIES DURING CONSTRUCTION.
- OWNER IS TO COORDINATE THE INSTALLATION OF THE POOL DOME AND THE DROP-IN ANCHORS.

## Legend

- NEW CONCRETE DECK OR WALK  
- SEE D1/CP-502
- EXPANSION JOINT - SEE D1/CP-502
- TILE DEPTH MARKER - SEE C4/CP-503
- DECK HYDRANT - SEE C4/CP-502
- REGULATORY FLOODWAY BOUNDARY
- THICKENED SLAB FOR ATTACHMENT OF REMOVABLE DOME TO POOL DECK.  
SEE B4/CP-503.
- NEW ASPHALT INSTALLED TO FILL IN AREA DEMOLISHED FOR THE INSTALLATION OF NEW STORM WATER PIPING.
- FENCE

## Coded Notes

- 1: EXISTING CONCRETE SLAB AND HVAC UNITS TO REMAIN.
- 2: 100' X 105' REMOVABLE POOL DOME. (BY OTHERS)
- 3: NEW POOL DECK.
- 4: EXISTING WALL HYDRANT.
- 5: POOL MAIN DRAIN - SEE A2/CP-502.
- 6: DEPTH & "NO DIVE" MARKER - SEE A3/CP-502.
- 7: LANE ROPES (BY OTHERS).
- 8: RECESSED ROPE ANCHOR - SEE C1/CP-502.
- 9: BACKSTROKE TURN FLAG - SEE B3/CP-503.
- 10: LADDER & RECESSED STEP - SEE C5/CP-502.
- 11: EXISTING LANE STRIPING.
- 12: EXISTING POOL WALL TARGETS AT BOTH ENDS OF EACH LANE LOCATED ON FACE OF WALL.
- 13: MEDIUM LIFE GUARD STAND.
- 14: STARTING PLATFORM ANCHOR - SEE D5/CP-503. (STANDS BY OTHERS).
- 15: NEW DURA STAND DIVING BOARD AND FOOTING. SEE MANUFACTURER SPECIFICATIONS FOR FOOT SIZE AND LOCATION.
- 16: NEW 12' X 12' X 7" SURGE TANK. TOP OF TANK WILL BE FLUSH WITH POOL DECK.
- 17: POOL MECHANICAL ROOM/BUILDING ADDITION.
- 18: ADA POOL LIFT - SEE B1/CP-502.
- 19: DOME HEATER (BY OTHERS).
- 20: FLUSH 110V AC ELECTRICAL OUTLET WITH GFCI PROTECTION AND COVER.
- 21: DECK HYDRANT.
- 22: DOME HEATER WATER INTAKE CONNECTION.
- 23: DOME HEATER WATER DISCHARGE CONNECTION.
- 24: NEW 6'-0" CHAIN LINK FENCE AROUND THE PERIMETER OF THE SITE.
- 25: NEW 6'-0" CHAIN LINK FENCE AROUND THE FRONT AND RIGHT SIDES OF THE HVAC UNITS.
- 26: INSTALL PEXCO'S HEDGE LINK BRAND CHAIN LINK FENCE. MATERIAL AFTER INSTALLING NEW CHAIN LINK FENCE. SEE C1/CP-503.

Revisions: August 18, 2022 - Addendum 1  
Issue Date: July 29, 2022

## Corbin Pool Renovation

409 Barbourville, St.  
Corbin, Kentucky 40701

## Pool Layout & Materials Plan

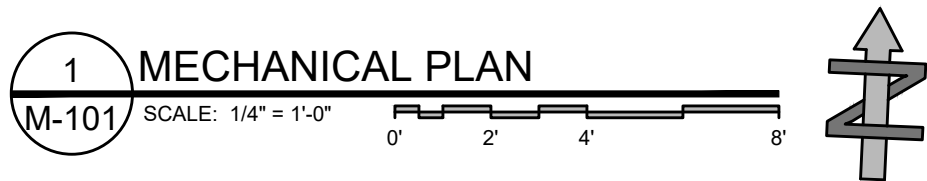
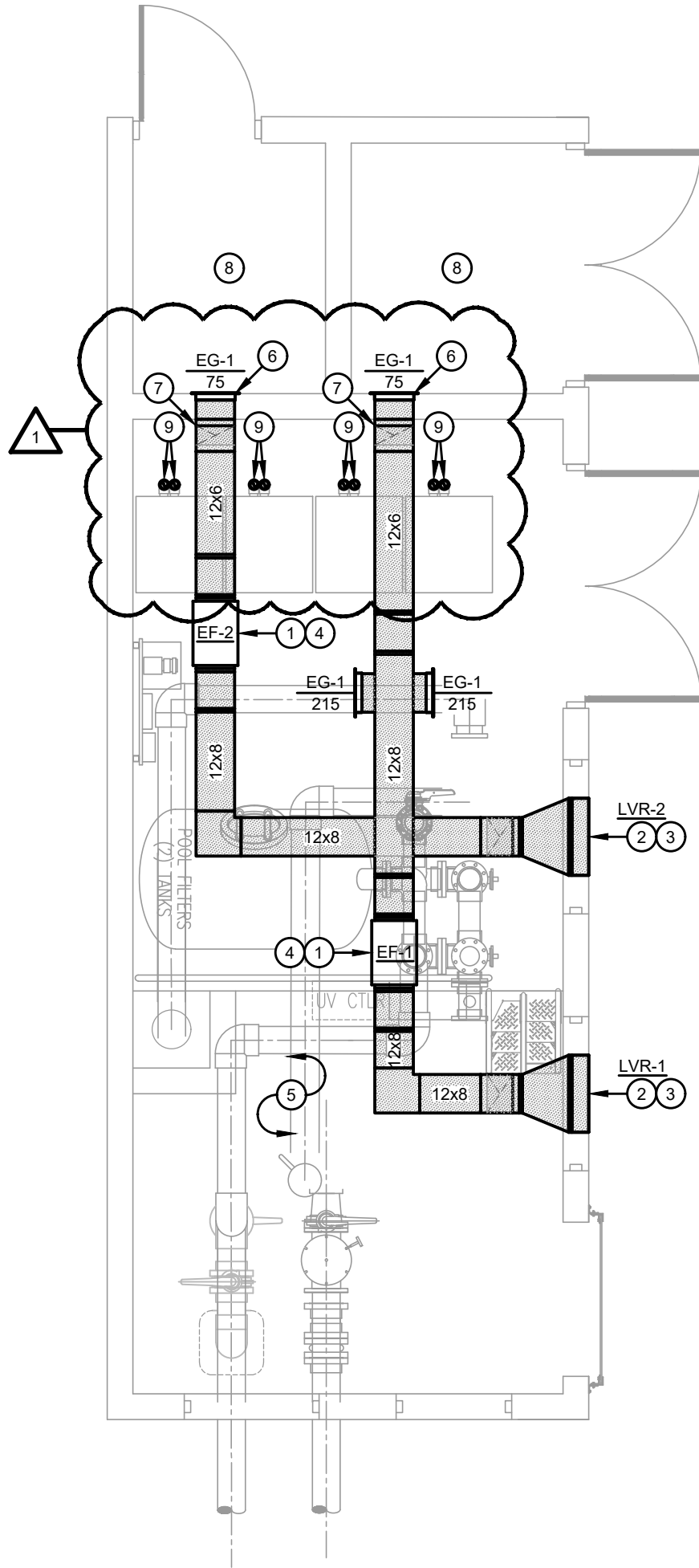
Project No.

CP-102

21140



PLAN NOTES	
1	EXHAUST FAN SHALL OPERATE CONTINUOUSLY DURING OPERATIONAL HOURS. PROVIDE WITH KEYED SWITCH ON WALL FOR LOCAL DISCONNECT.
2	EXHAUST LOUVERS CENTERED ON ELEVATION. REFER TO A-201 FOR APPROXIMATE LOCATION. REFER TO M-501 FOR SPECIFICATIONS.
3	COORDINATE EXHAUST LOUVER INSTALLATION LOCATION AND HEIGHT WITH ARCHITECTURAL ELEVATIONS ON A-201.
4	EXPLOSION PROOF RATED IN-LINE EXHAUST FAN SHALL OPERATE CONTINUOUSLY. EC TO PROVIDE KEYED SWITCH ON WALL FOR LOCAL DISCONNECT. INSTALL IN ATTIC SPACE ABOVE.
5	ALL EXHAUST DUCTS AND ACCESSORIES INSTALLED IN THE FILTER ROOM SHALL BE STAINLESS STEEL.
6	INSTALL STAINLESS STEEL DUCT MOUNTED EXHAUST GRILLE AT +12" AFF.
7	DUCT SHALL PENETRATE WALL BELOW CONCRETE CAP AND BOND BEAM.
8	RELIEF AIR PROVIDED THROUGH LOUVERED DOOR.
9	NEW BOILER FOR POOL WATER HEATING IS PROVIDED BY OTHERS AND INSTALLED BY MECHANICAL CONTRACTOR. PROVIDE ALL VENT AND FLUE PIPING AS REQUIRED PER MANUFACTURER'S INSTRUCTIONS. TERMINATE PIPING ABOVE ROOF. ALL HOT WATER PIPING SHALL BE PROVIDED AND INSTALLED BY POOL VENDOR. ELECTRICAL CONTRACTOR TO PROVIDE ALL ELECTRICAL CONNECTIONS AND POWER.



MECHANICAL PLAN SYMBOL LEGEND	
DUCT LEGEND (NOT ALL SYMBOLS MAY BE USED)	
	NEW METAL DUCTWORK.
	NEW FLEX DUCTWORK. SIZE SHALL BE EQUAL TO ASSOCIATED DEVICE AND DUCTWORK UNLESS OTHERWISE NOTED.
DEVICE LEGEND (NOT ALL SYMBOLS MAY BE USED)	
	NEW OR RELOCATED DIFFUSER. REFER TO SCHEDULE FOR MORE INFORMATION.
	SUPPLY AIR DIFFUSER.
	DUCTED RETURN AIR DIFFUSER/GRILLE.
	EXHAUST AIR DIFFUSER/GRILLE.
	SIDEWALL OR DUCT MOUNTED GRILLE.
	CABINET STYLE EXHAUST FAN
MISCELLANEOUS LEGEND (NOT ALL SYMBOLS MAY BE USED)	
	POINT OF CONNECTION TO EXISTING SYSTEM ELEMENTS.
	DEVICE IDENTIFIER. RL = RELOCATE, EX=EXISTING BALANCE OR REBALANCE TO CFM SHOWN. SEE AIR DEVICE AND EQUIPMENT SCHEDULES.
	TEMPERATURE SENSOR, REFER TO SPECIFICATIONS.
	TOD: 10'-6" TOP OF DUCT: ELEVATION 10'-6" AFF.

PROJECT GENERAL NOTES	
1.	THE DRAWINGS ARE DIAGRAMMATIC ONLY AND INDICATE THE GENERAL ARRANGEMENT OF THE SYSTEMS AND ARE TO BE FOLLOWED INSOFAR AS POSSIBLE. IF DEVIATIONS FROM THE LAYOUTS ARE NECESSITATED BY FIELD CONDITIONS, DETAILED LAYOUTS OF THE PROPOSED DEPARTURES SHALL BE SUBMITTED IN WRITING TO THE ENGINEER FOR REVIEW BEFORE PROCEEDING WITH THE WORK.
2.	THE MECHANICAL CONTRACTOR SHALL REVIEW ALL DRAWINGS IN DETAIL AS THEY MAY RELATE TO THEIR WORK.
3.	EACH CONTRACTOR SHALL INSPECT THE SITE ON WHICH THE WORK IS TO BE PERFORMED, AND THE OBSTACLES THAT MAY BE ENCOUNTERED, AND ALL RELEVANT MATTERS CONCERNING THE WORK.
4.	THE CONTRACTOR SHALL FILE ALL NECESSARY NOTICES, OBTAIN AND PAY FOR ALL PERMITS, FEES, AND OTHER COSTS INCLUDING UTILITY CONNECTIONS OR EXTENSION, IN CONNECTION WITH HIS WORK. AS NECESSARY, HE SHALL FILE ALL REQUIRED PLANS, PREPARE ALL DOCUMENTS AND OBTAIN ALL NECESSARY APPROVALS OF ALL UTILITY AND GOVERNMENTAL DEPARTMENTS HAVING JURISDICTION.
5.	IGNORANCE OF CODES, RULES, AND REGULATIONS, UTILITY COMPANY REQUIREMENTS, LAWS, ETC. SHALL NOT DIMINISH OR ABSOLVE CONTRACTOR'S RESPONSIBILITIES TO PROVIDE AND COMPLETE ALL WORK IN COMPLIANCE WITH SUCH.
6.	ALL MATERIALS FURNISHED AND ALL WORK INSTALLED SHALL COMPLY WITH THE CURRENT EDITION OF THE KENTUCKY MECHANICAL CODES, NATIONAL FIRE CODES OF THE NATIONAL FIRE PROTECTION ASSOCIATION AND WITH THE REQUIREMENTS OF ALL GOVERNMENTAL AGENCIES OR DEPARTMENTS HAVING JURISDICTION.

EXTERIOR COLORS AND FINISHES	
1.	ALL MECHANICAL PENETRATION COLORS ARE TO BE SELECTED BY ARCHITECT FROM MANUFACTURERS FULL RANGE OF STANDARD COLORS.

EXTERIOR PENETRATIONS	
1.	ALL MECHANICAL PENETRATION PENETRATIONS THROUGH SIDEWALLS AND ROOF SHALL BE COORDINATED WITH ARCHITECTURAL PLANS AND ELEVATIONS.

SEISMIC REQUIREMENTS	
ALL PIPING, DUCTS, AND EQUIPMENT SHALL BE RIGIDLY ATTACHED TO BUILDING STRUCTURE WHERE EVER POSSIBLE. WHERE PIPING IS TO BE SUSPENDED FROM STRUCTURE ABOVE, THE PIPING SHALL BE BRACED TO MEET THE MINIMUM REQUIREMENTS FOR IBC CATEGORY D CLASSIFICATION.	



**BRANDSTETTER  
CARROLL INC**  
ARCHITECTS • ENGINEERS • PLANNERS  
2360 Chocoma Drive, Lexington, KY 40517  
p. 859.268.1933      www.brandstettercarroll.com

Lexington • Cincinnati • Cleveland • Dallas



*Lawrence S. Ayer*  
EXPIRATION DATE: 6/30/2023



E2M CONSULTING ENGINEERING  
682 TUXEDO PLACE  
CINCINNATI, OH 45206  
TEL.: 513.587.0050  
www.e2m-eng.com

Revisions: 08/18/2022 - Addendum #1  
Issue Date: 08/04/2022

City of Corbin  
CORBIN POOL  
409 Barbourville St  
Corbin, Kentucky 40701

Mechanical Plan

Project No.	M-101
22162	

Plotted 08/17/2022 2:57:07 PM

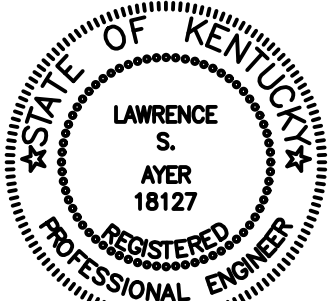


PLAN NOTES	
①	NEW IN GRADE RECEPTACLE AND ENCLOSURE SHALL BE EQUAL TO LEGRAND MODEL # XB814C250GY. RECEPTACLE INSTALLATION SHALL COMPLY WITH NEC 680.22. INSTALLATION SHALL COMPLY WITH MANUFACTURER'S INSTRUCTIONS INCLUDING REQUIREMENTS FOR A SUITABLE SOILS AND DRAINAGE. COORDINATE WITH CIVIL FOR SOILS ANALYSIS. PROVIDE WITH LOCKABLE COVER.
②	NEW FILTER BUILDING ADDITION. REFER TO E-101 FOR MORE INFORMATION.

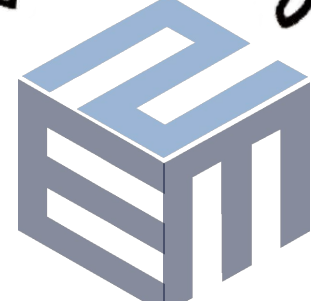
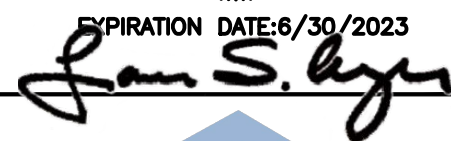


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Lexington • Cincinnati • Cleveland • Dallas



EXPIRATION DATE: 6/30/2023



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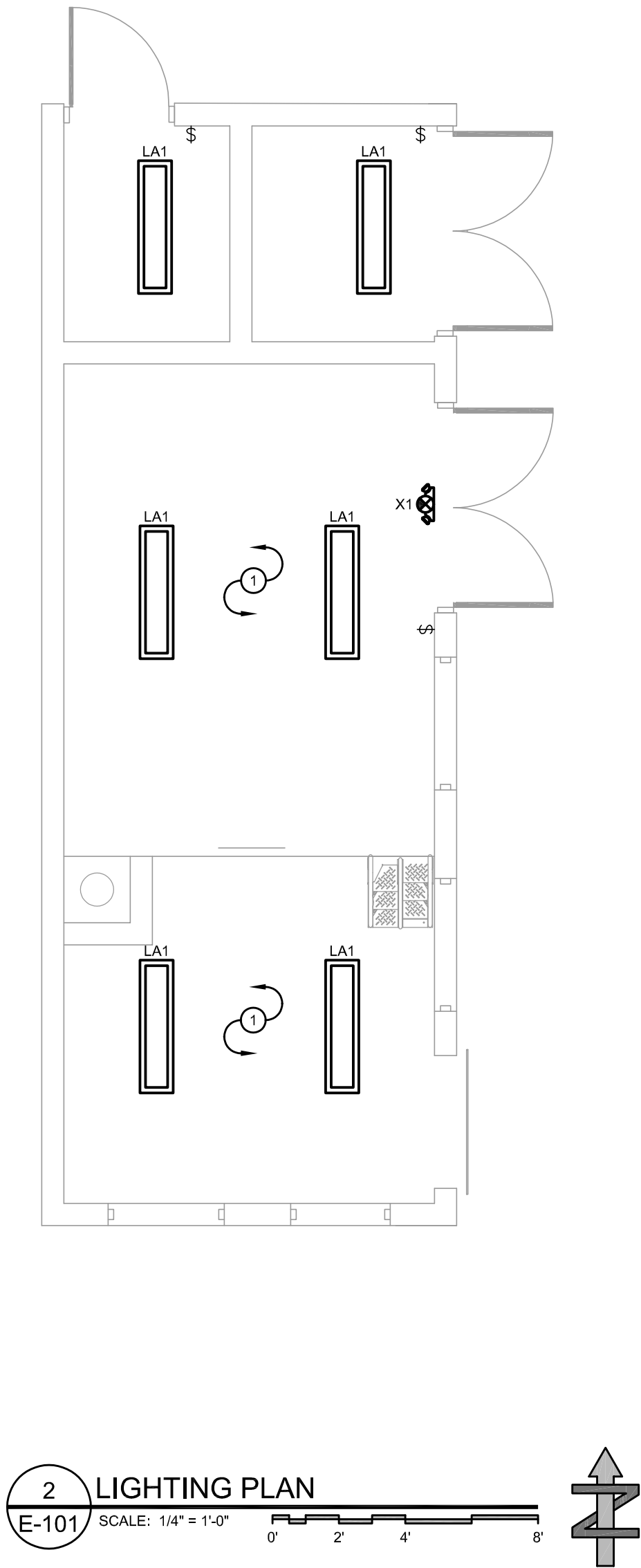
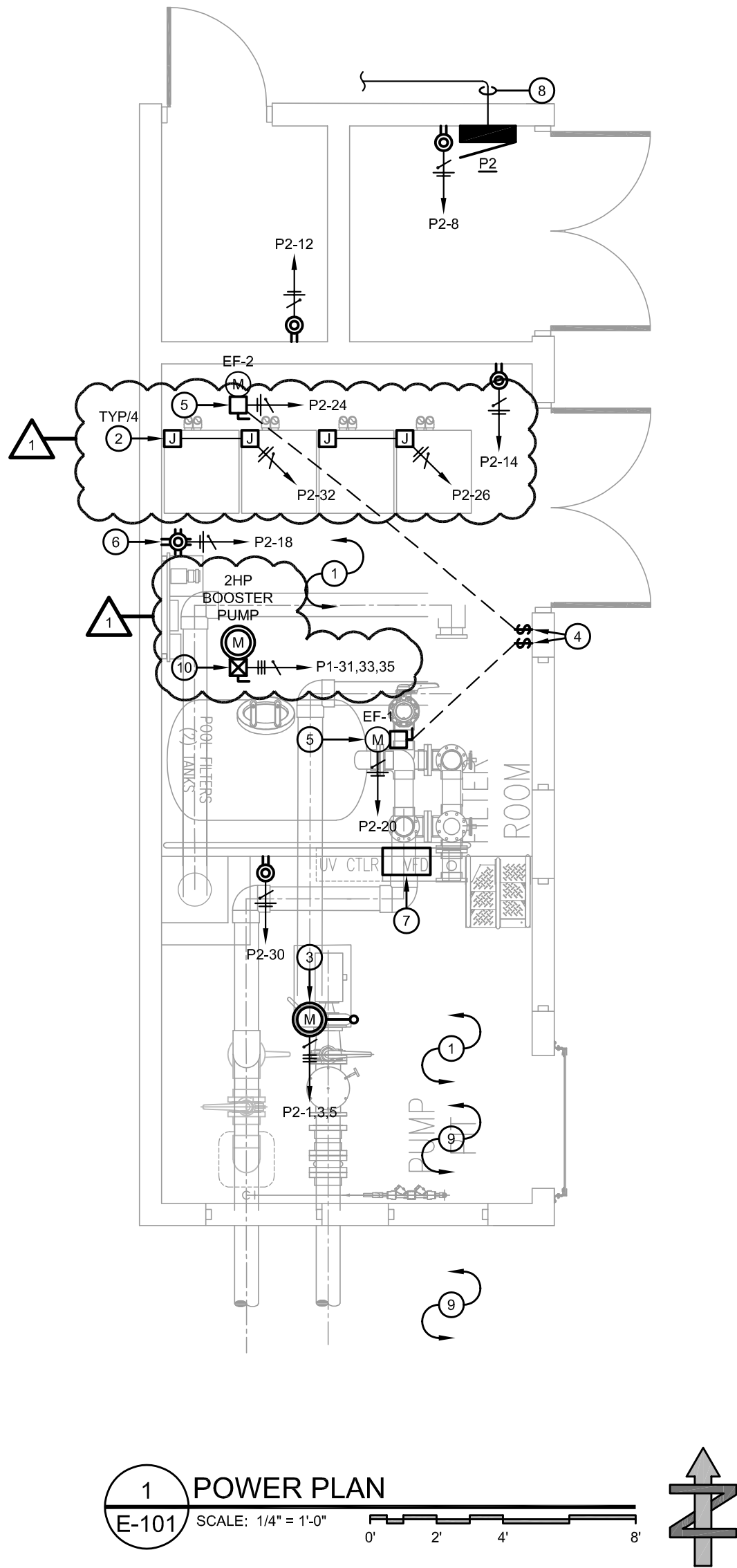
Revisions: 08/18/2022 - Addendum #1  
Issue Date: 08/04/2022

**City of Corbin**  
CORBIN POOL  
409 Barbourville St  
Corbin, Kentucky 40701

Site Electric Plan

Project No.	E-001
22162	





































GENERAL NOTES
1. ALL CONDUITS, CABLE ASSEMBLIES, RACEWAYS, FITTINGS AND BOXES SHALL BE PVC WITHIN FILTRATION BUILDING .

PROJECT GENERAL NOTES
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LIGHTING PLAN NOTES
1 ALL NIGHT LIGHTS, NOTED EMERGENCY LUMINARIES AND EXIT SIGNS SHALL BE WIRED TO LOCAL AREA LIGHTING CIRCUIT, AHEAD OF ANY SWITCHING.

POWER PLAN NOTES
1 ALL ELECTRICAL EQUIPMENT AND ENCLOSURES SHALL BE NEMA 4X AND RATED FOR CORROSIVE ENVIRONMENT WITHIN FILTRATION ROOM.
2 PROVIDE 120V POWER CONNECTION TO POOL HEATER BOILER, COORDINATE FINAL CONNECTION WITH EQUIPMENT VENDOR.
3 BRANCH CIRCUIT FOR PUMP SHALL BE INSTALLED IN CONDUIT UNDERSLAB AND TURNED UP AT A LOCATION APPROVED BY OWNER. TRANSITION TO SEAL-TIGHT CONDUIT FOR FINAL CONNECTION. REFER TO SINGLE LINE RISER DIAGRAM FOR WIRING INFORMATION.
4 EXHAUST TO BE CONTROLLED VIA KEYED SWITCH ON WALL.
5 EXHAUST FAN SHALL BE WIRED FOR CONTINUOUS OPERATION.
6 PROVIDE DEDICATED 20A RECEPTACLE FOR PUMP CONTROL PANEL, COORDINATE EXACT LOCATION WITH DETAIL ON CP SERIES SHEETS.
7 VFD PROVIDED BY OTHERS AND INSTALLED BY ELECTRICAL CONTRACTOR. REFER TO CP-601 FOR SPECIFICATION.
8 EXTEND NEW FEEDER FROM EXISTING BUILDING ELECTRIC SERVICE. REFER TO SINGLE LINE DIAGRAM FOR MORE INFORMATION.
9 CONTRACTOR SHALL PROVIDE ALL GROUNDING AND BONDING PER NEC 680, CAPTURE AND EXTEND EXISTING GROUNDING CONDUCTORS AS NEEDED TO ACCOMMODATE NEW PUMP LOCATION.
10 PROVIDE MOTOR STARTER AND FINAL CONNECTION TO BOOSTER PUMP. COORDINATE EXACT LOCATION IN FIELD. REFER TO E-501 FOR MORE INFORMATION.

LIGHTING PLAN SYMBOL LEGEND	
	LIGHTING FIXTURE EXISTING TO REMAIN
	LIGHTING FIXTURE TO BE REMOVED FROM LOCATION. SEE PLAN FOR NEW FIXTURE LOCATION (IF ANY).
	SHADING INDICATES THAT A FIXTURE IS WIRED TO A NIGHT LIGHT OR EMERGENCY TYPE CIRCUIT. FIXTURE SHALL BE WIRED IN ACCORDANCE WITH N.E.C. ARTICLE 700.
 (a) X	"X" = FIXTURE TYPE      A-# = CIRCUIT NUMBER ab = SWITCH LEG
	TOGGLE SWITCH. SEE CONTROL DETAILS. TOGGLE SWITCH MAY BE REQUIRED TO BE LOW VOLTAGE.
	THREE-WAY TOGGLE SWITCH
	FOUR-WAY TOGGLE SWITCH
	DIMMER SWITCH
	OCCUPANCY SENSOR
	INSTALL ALL COMPONENTS NECESSARY TO MAKE COMPLETE SYSTEM. INSTALL (1) SENSOR SWITCH CM-PC-ADC PHOTOCCELL (1) MP20 AND (1) POWER PACK
	OCCUPANCY SENSOR
	MOTION SENSOR LIGHTING CONTROLS. SEE CONTROL DETAILS FOR LIGHTING REQUIREMENTS.
N = NEW      E = EXISTING      R = RELOCATED      D = DEMO      F = FUTURE +0' = MOUNTING HEIGHT OF THE DEVICE ABOVE FINISHED FLOOR.	

POWER PLAN SYMBOL LEGEND	
	DUPLEX RECEPTACLE MOUNT AT +18" A.F.F. UNLESS OTHERWISE NOTED
	SPECIAL USE DEDICATED RECEPTACLE MOUNT AT +18" A.F.F. UNLESS OTHERWISE NOTED REFER TO PANEL SCHEDULE FOR MORE INFORMATION
	GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE MOUNT AT +18" A.F.F. UNLESS OTHERWISE NOTED
	WEATHER PROOF RECEPTACLE MOUNT AT +18" A.F.F. UNLESS OTHERWISE NOTED
	QUADRUPLUX RECEPTACLE MOUNT AT +18" A.F.F. UNLESS OTHERWISE NOTED
	QUADRUPLUX GFCI RECEPTACLE MOUNT AT +18" A.F.F. UNLESS OTHERWISE NOTED
	SIMPLEX RECEPTACLE WITH SPECIAL MOUNTING REQUIREMENTS. CLG = CEILING MOUNTED, CORD = CORD DROP, BLANK = FLOOR MOUNTED.
	DUPLEX RECEPTACLE WITH SPECIAL MOUNTING REQUIREMENTS. CLG = CEILING MOUNTED, CORD = CORD DROP, CR = CORD REEL.
	QUADRUPLUX RECEPTACLE WITH SPECIAL MOUNTING REQUIREMENTS. CLG = CEILING MOUNTED, CORD = CORD DROP, BLANK = FLOOR MOUNTED.
	TELEPHONE JACK MOUNT AT +18" A.F.F. UNLESS OTHERWISE NOTED
	DATA JACK MOUNT AT +18" A.F.F. UNLESS OTHERWISE NOTED
	JUNCTION BOX
	NON-FUSED DISCONNECT
	FUSED DISCONNECT
	1Ø MOTOR CONNECTION
	3Ø MOTOR CONNECTION
 EXISTING      NEW	FLUSH MOUNTED PANEL A = PANEL DESIGNATION
 EXISTING      NEW	SURFACE MOUNTED PANEL A = PANEL DESIGNATION
	METER
	HOME RUN A = PANEL DESIGNATION B = CIRCUIT NUMBER
N = NEW      E = EXISTING      R = RELOCATED      D = DEMO      F = FUTURE +0" = MOUNTING HEIGHT OF THE DEVICE ABOVE FINISHED FLOOR.	

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Revisions: 08/18/2022 - Addendum #1  
Issue Date: 08/04/2022

City of Corbin  
CORBIN POOL  
409 Barbourville St  
Corbin, Kentucky 40701

Lighting & Power Plan

Project No.	E-101
22162	



LIGHT FIXTURE SCHEDULE								
SYMBOL	ID	DESCRIPTION	FIXTURE INFORMATION		ELECTRIC INFORMATION		MISCELLANEOUS INFORMATION	
	LA1	12" x 48" RECESSED LED PANEL	MAKE	LITHONIA	VOLTAGE	120V	MOUNTING	SURFACE
			MODEL	1X4 5000LM/HE 80CRI 40K MIN10 ZT MVOLT NACV	LAMP QTY	LED	HEIGHT	
			ALTERNATE		LAMP TYPE	LED	NOTES	
			OTHER		WATTS	41W		
	WP1	EXTERIOR WALL PACK	MAKE	RAB	VOLTAGE	120/277V	MOUNTING	WALL
			MODEL	WP1LED 30 NW/PC	LAMP QTY	1	HEIGHT	
			ALTERNATE		LAMP TYPE	LED	NOTES	
			OTHER		WATTS	30W		
	X1	EXIT SIGN	MAKE	COMPASS	VOLTAGE	UNV	MOUNTING	SURFACE
			MODEL	CCRRC	LAMP QTY	LED	HEIGHT	
			ALTERNATE		LAMP TYPE	LED	NOTES	
			OTHER		WATTS	4W		

NOTES

1.

FIXTURES WITH THE SUFFIX "-EM" ATTACHED TO THE ID OR SHOWN HALF SHADED ARE EMERGENCY FIXTURES. SEE ELECTRICAL GENERAL NOTES FOR MORE INFORMATION.

2.

FIXTURES WITH THE SUFFIX "-NL" ARE NIGHT LIGHTS. SEE ELECTRICAL GENERAL NOTES FOR MORE INFORMATION.

DESIGNATIONS

-N

NEW

-E

EXISTING

-D

DEMO

-R

RELOCATED

Volts 240/120	Phase 3Ø	Wire 4	Panel Type Main Circuit Breaker	Electrical Panel Schedule P2							Ampacity Provided 200 Amps		Mount Surface	AIC 22,000	Red From Circuit Disc	
Circuit #	Breaker	Poles	Notes	Description	A	B	C	A	B	C	Description	Notes	Poles	Breaker	Circuit	
1	80	3		Pump	5,810			246			Filter Room Lights		1	20	2	
3						5,810									4	
5							5,810				Spare		1	20	6	
7	20	1		Pool Deck WP Rept.	180			180			GFCI Receptacle		1	20	8	
9															10	
11	20	1		Pool Deck WP Rept.			180			180	GFCI Receptacle		1	20	12	
13	20	1		Pool Deck WP Rept.	180			180			GFCI Receptacle		1	20	14	
15															16	
17	20	1		Pool Deck WP Rept.			180				Quad GFCI Rept.		1	20	18	
19	20	1		Pool Deck WP Rept.	180			250		360	EF-1		1	20	20	
21															22	
23	20	1		Pool Deck WP Rept.			180			250	EF-2		1	20	24	
25								960			Heater Boilers		1	20	26	
27															28	
29										180	GFCI Receptacle		1	20	30	
31	15	3		ZHP Booster Pump	941			960			Heater Boilers		1	20	32	
33						941									34	
35							941				Spare		1	20	36	
37	30	3		TVSS							Spare		1	20	38	
39															40	
41											Spare		1	20	42	
Total Connected Load Phase A:					10,967	Load Description					Panel Schedule Notes:					
Total Connected Load Phase B:					6,751	Receptacles < 10,000					2,180	100%	2,180	New circuit breakers added to existing panels shall match panel manufacturer, voltage level, and fault current rating of existing protectives.		
Total Connected Load Phase C:					8,261	Receptacles < 10,000					0	50%	0			
Total Connected Load:					25,079 Watts	Lighting Loads					246	125%	308	Identify main disconnects and all up and downstream disconnecting means for all circuits at panel.		
						Track Lighting					OR	75W/ft	0			
						Motor Loads					3,323	100%	3,323	Fill out branch circuit directory indicating circuit numbers, area(s) served, and load type.		
						Largest Motor					17,430	125%	21,788	Index shall be neatly typed. Branch circuit directories shall be updated or replaced in all areas of alterations.		
						Cooling Loads					0	100%	0			
						Heating Loads					0	100%	0			
						Continuous Loads					0	125%	0	Black laminated phenolic nameplates shall be provided on all new and existing panel boards secured by #8-32 screws, lock washers, and nuts on each corner of nameplate.		
						Non-Continuous Loads					1,920	100%	1,920			
						Kitchen Equipment Loads					0	100%	0	Contractor may arrange circuits to suit field conditions, but loading between phases shall be +/- 10%.		
						Existing Panel Demand						125%	0			
						Sub-Total:					29,498					
						Total Connected Ampacity:					70.96					
						Total Connected Load %:					35%					

**Notes:**

AF Arc Fault Circuit Interrupter

GF Ground Fault Circuit Interrupter

LO Lock Out Breaker

ST Shunt Trip

PNF Provide new fuse in slot

REF Re-use existing spare fuseable switch

EX Blank loads on panel are unknown and shall be calculated under the existing panel demand (or existing building peak demand) category in the load calculations section. Engineer offers no warranty as to the condition or load information on unknown circuit breakers.

## GENERAL NOTES - RISER DIAGRAM












A.	PARALLEL FEEDER CONDUCTORS SHALL BE CUT TO THE EXACT SAME LENGTHS AND SHALL BE FROM THE SAME FACTORY RUN. ALL CONNECTIONS FOR SAME WORK SHALL BE TIED TO IDENTICAL VALUES.
B.	EXTERIOR ELECTRICAL WORK SHALL NOT ONLY BE WEATHERPROOF AND WATER TIGHT, BUT SHALL BE RUST RESISTANT.
C.	CONDUCTORS BELOW GRADE OR SUBJECT TO MOISTURE SHALL BE "XHHW-2".
D.	PROVIDE FACTORY SERIES COORDINATION FOR ALL CIRCUIT BREAKERS (INCLUDING ALL BRANCH BRKERS), RELATIVE TO "UPSTREAM" BREAKERS, SO THAT ONLY THE BREAKER CLOSEST IN THE CIRCUIT TO THE LOAD TRIPS UPON AN OVERLOAD OF FAULT CONDITION.
E.	POWER DISTRIBUTION EQUIPMENT SUPPLIER SHALL PROVIDE APPROPRIATELY RATED AND BRACE TO ACCOMMODATE THE AVAILABLE FAULT CURRENT AT THE UTILITY COMPANY TRANSFORMER SECONDARIES. THIS SUPPLIER SHALL ACCORDINGLY PROVIDE ANY RELATED CALCULATIONS SO THAT THEIR EQUIPMENT IS PROPERLY COORDINATED FOR THE AVAILABLE FAULT CURRENT. THE ELECTRICAL CONTRACTOR SHALL PROVIDE SUPPLIER WITH COPIES OF THE ELECTRICAL DOCUMENTS AS REQUIRED SO THAT PROPERLY RATED/BRACE EQUIPMENT IS PROVIDED UNDER BASE BID.
F.	GROUNDING ELECTRODE CONDUCTORS SHALL BE PROVIDED IN STRICT COMPLIANCE WITH NEC, INCLUDING ARTICLE 250 AND TABLE 250-66. THESE CONDUCTORS MAY BE INDICATED ON ONE OR MORE SINGLE LINE DIAGRAMS, BUT SHALL BE PROVIDED UNDER BASE BID NEVERTHELESS.
G.	EQUIPMENT GROUNDING CONDUCTORS SHALL BE PROVIDED IN STRICT COMPLIANCE WITH NEC, INCLUDING ARTICLE 250 AND TABLE 250-122. THESE CONDUCTORS MAY NOT BE INDICATED ON RISER OR SINGLE LINE DIAGRAMS, BUT SHALL BE PROVIDED UNDER BASE BID NEVERTHELESS.
H.	WORKING CLEARANCES SHALL BE PROVIDED FOR ALL ELECTRICAL EQUIPMENT (SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, STARTERS, DISCONNECTS, ETC. AS APPLICABLE) IN STRICT COMPLIANCE WITH NEC CHAPTER 1, PART B SECTION 110.25(a). LOCATIONS SHOWN ON THE FLOOR PLANS ARE SCHEMATIC AND DIAGRAMMATIC IN NATURE. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COMPLIANCE WITH THE ABOVE NEC REFERENCE. THE REQUIREMENTS SHALL BE TO EQUIPMENT ON FLOOR PLANS AS WELL AS TO EQUIPMENT SHOWN ON THE RISER.
I.	HOLD ALL NEW OVERHEAD ELECTRICAL WORK AS TIGHT AS POSSIBLE TO THE BOTTOM OF THE OVERHEAD STRUCTURE. LOCATE ANY RELATED PULL BOXES SO THAT THEY WILL BE FULLY ACCESSIBLE AFTER ALL CONSTRUCTION WORK IS COMPLETE. AS WITH ALL WORK, COORDINATE IN ADVANCE WITH OTHER TRADES.
J.	ROUTE FEEDER CONDUITS BELOW GRADE WHEREVER POSSIBLE. VERY LIMITED SPACE EXISTS ABOVE ACOUSTICAL TILE CEILINGS AND MANY, IF NOT MOST, OF THE SPACES ABOVE ARE UNAVAILABLE. THERE IS NO AVAILABLE FOR RUNNING CONDUIT. STUDY ALL ARCHITECTURAL, STRUCTURAL AND MECHANICAL DRAWINGS VERY CAREFULLY BEFORE LAYING OUT FEEDER ROUTES.
K.	ALL PANELS HAVE NEMA 1 ENCLOSURES UNLESS OTHERWISE NOTED.
L.	ALL PANELS ARE SURFACE MOUNTED UNLESS OTHERWISE NOTED.

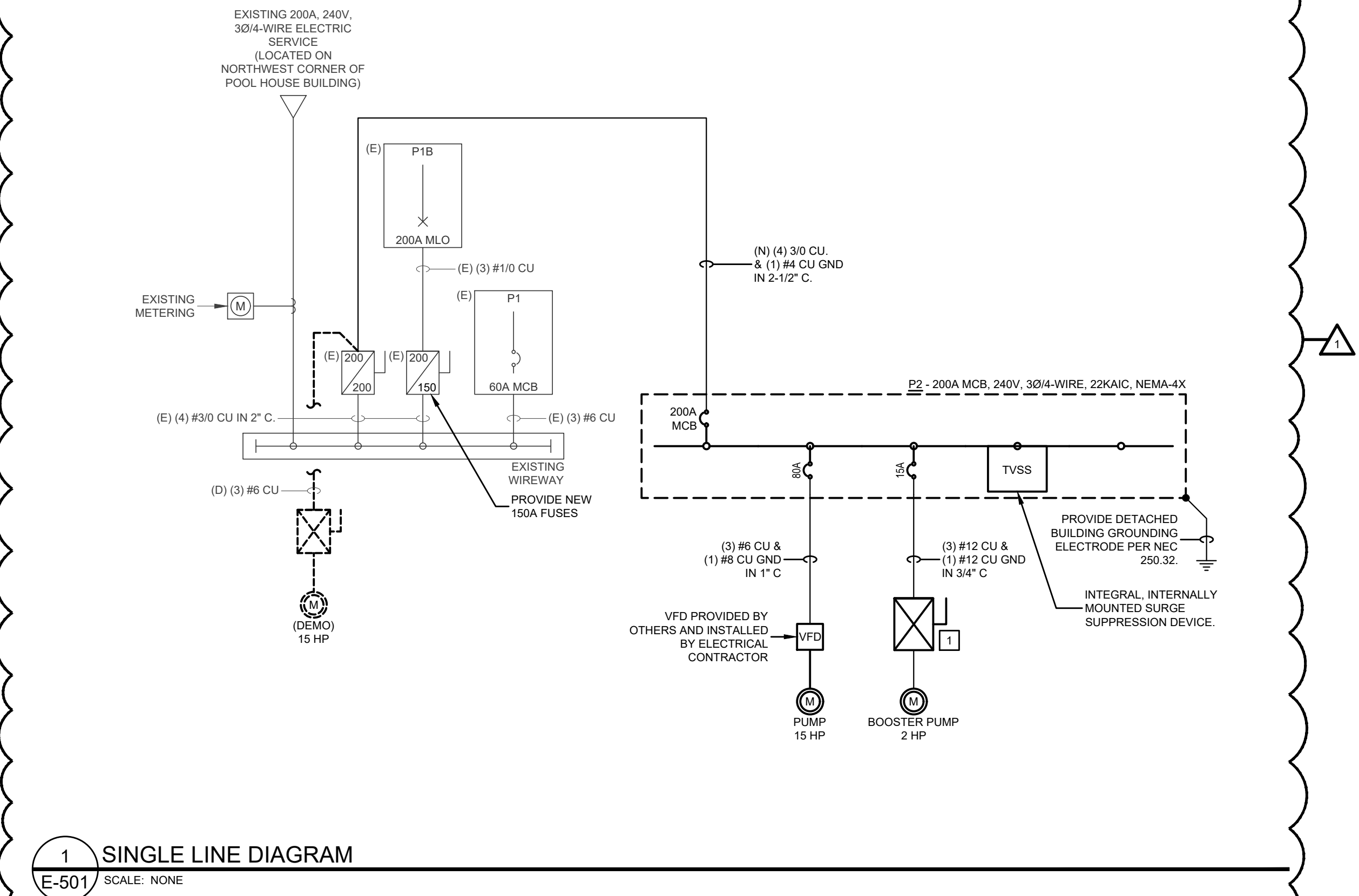
## PANEL SCHEDULE NOTES

1. NEW CIRCUIT BREAKER ADAPTED TO EXISTING PANELS SHALL MATCH PANEL MANUFACTURER, VOLTAGE LEVEL AND FAULT CURRENT RATING OF EXISTING PROTECTIVES.
2. DETAIL MAIN DISCONNECTS AND ALL UP AND DOWNSTREAM DISCONNECTING MEANS FOR ALL CIRCUITS AT PANEL.
3. FILL OUT BRANCH CIRCUIT DIRECTORY INDICATING CIRCUIT NUMBERS, AREAS, LOADS AND LOAD TYPE. IT SHALL BE NEATLY TYPED. BRANCH CIRCUIT DIRECTORIES SHALL BE UPDATED OR REPLACED IN ALL AREAS OF ALTERATIONS.
4. LABEL MINIMUM PHASES AND VOLTAGE ON ALL PANELS AND ALL NEW AND EXISTING PANEL BOARDS SECURED BY #8-32 SCREWS. LOCK WASHERS AND NUTS ON EACH CORNER OF NAMEPLATE.
5. CONTRACTOR MAY ARRANGE CIRCUITS TO SUIT FIELD CONDITIONS, BUT LOADING BETWEEN PHASES SHALL BE +/- 10%.

MOTOR STARTER SCHEDULE	
1	SIZE 0, NEMA 4X, 240V, 3Ø, MOTOR STARTER. PROVIDE GREEN START BUTTON WITH INDICATOR LIGHT AND RED STOP BUTTON WITH INDICATOR LIGHT.

ELECTRICAL GENERAL NOTES	
1.	ALL WORK SHALL BE PERFORMED IN A CLEAN AND WORKMANLIKE MANNER. CARE SHALL BE EXERCISED TO MINIMIZE ANY INCONVENIENCE OR DISTURBANCE TO OTHER AREAS OF THE BUILDING WHICH ARE TO REMAIN IN OPERATION. ISOLATE WORK AREAS BY MEANS OF TEMPORARY PARTITIONS AND/OR TAPES TO KEEP DUST AND DIRT WITHIN THE CONSTRUCTION AREA.
2.	NO EQUIPMENT, ETC. SHALL BE REMOVED, DISCONNECTED OR SHUT DOWN WITHOUT PRIOR REVIEW AND APPROVAL BY THE OWNER AND/OR ENGINEER TO CONFIRM THAT AREAS TO REMAIN IN OPERATION WILL NOT BE AFFECTED. IF ANY AREAS NOT WITHIN THE SCOPE OF WORK ARE AFFECTED BY ANY SHUTDOWN, REMOVAL, OR DISCONNECTION, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ADVISE THE OWNER INDICATING WHICH AREAS WILL BE AFFECTED, WHEN THE PROPOSED SHUTDOWN WILL OCCUR, AND FOR HOW LONG A PERIOD OF TIME.
3.	ALL ITEMS INDICATED TO BE DEMOLISHED OR REMOVED SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF SITE UNLESS INDICATED OTHERWISE.
4.	THIS CONTRACTOR SHALL FILED VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO PROCEEDING WITH ANY WORK. WHERE DISCREPANCIES OCCUR BETWEEN THE DRAWINGS AND EXISTING CONDITIONS, THE DISCREPANCY SHALL BE REPORTED TO THE OWNER AND/OR ENGINEER FOR EXPEDITING AND RESOLUTION.
5.	ALL SHUT DOWNS OF EXISTING SYSTEMS SHALL BE SCHEDULED AND APPROVED BY THE OWNER PRIOR TO COMMENCING WORK.
6.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFEEKEEPING OF HIS OWN PROPERTY ON THE JOB SITE. OWNER ASSUMES NO RESPONSIBILITY FOR PROTECTION OF PROPERTIES AGAINST FIRE, THEFT AND ENVIRONMENTAL CONDITIONS.
7.	UNLESS OTHERWISE NOTED, ALL MATERIALS SHALL BE NEW AND UNUSED. EQUIPMENT CLASSIFIED AS DEMONSTRATORS, PROTOTYPE OR DISCONTINUED, ARE NOT ACCEPTABLE. EQUIPMENT SHALL BE THE LATEST MODEL OFFERED, AND MUST BE TEST, PROVEN, AND IN CURRENT USE.
8.	MOUNT DEVICES AT UNIFORM HEIGHT. VERIFY EXACT MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS.
9.	PROVIDE SINGLE GANG OUTLET BOX FOR MOUNTING OF DEVICE BY THE OTHERS. EXTEND 1/4" CONDUIT WITH PULL STRING FROM OUTLET BOX TO ACCESSIBLE LOCATION ABOVE CEILING.
10.	MOUNT OUTLET BOX AT SAME HEIGHT AS ASSOCIATED RECEPTACLE OUTLET. WHERE OUTLETS ARE MOUNTED IN SURFACE RACEWAY, PROVIDE SEPARATE 1/4" CONDUIT FROM DATA SECTION OF SURFACE RACEWAY IN ADDITION TO CONDUITS FOR OTHER SYSTEMS (COMMUNICATIONS, EQUIPMENT, ALARMS, POWER, ETC).
11.	THE TERM "PROVIDE" SHALL MEAN CONTRACTOR SHALL FURNISH AND INSTALL ITEMS AND CONNECT AS REQUIRED TO OBTAIN A COMPLETE WORKING SYSTEM.
12.	RECEPTACLES SHALL BE CIRCUITED WITH A SEPARATE GROUND WIRE. RECEPTACLES PROTECTED BY GROUND FAULT CIRCUIT INTERRUPTER DEVICES SHALL EACH HAVE A SEPARATE NEUTRAL WIRE PULLED FOR THAT CIRCUIT.
13.	ALL CONDUIT SHALL BE RUN CONCEALED WHEREVER POSSIBLE ABOVE CEILINGS, INSIDE WALLS, OR UNDER FLOOR SLAB (ONLY WHERE SHOWN DASHED ON PLAN), UNLESS OTHERWISE NOTED ON PLAN. IN HIGH-BAY (NO CEILING) AREAS, RUN EXPOSED CONDUIT HIGH AS POSSIBLE. ALL CONDUIT SHALL BE RUN PARALLEL OR PERPENDICULAR TO NEARBY SURFACES OR STRUCTURAL MEMBERS AND FOLLOW THE GENERAL CONTOURS AS MUCH AS PRACTICAL. NO NONMETALLIC CONDUIT SHALL BE RUN IN AIR RETURN PLENUM.
14.	FROM EACH TELEPHONE, CRT, TV, ETC. COMMUNICATION TYPE OUTLET, PROVIDE A (MIN.) 3/4-INCH CONDUIT (WITH PULL STRING) STUBBED ABOVE LAY-IN CEILING, UNLESS OTHERWISE NOTED.
15.	TELEPHONE AND OTHER COMMUNICATIONS WIRING SHALL BE PLENUM RATED IF CONDUCTORS PASS THROUGH AN AIR RETURN PLENUM.
16.	ELECTRICAL DRAWINGS SHALL BE COORDINATED WITH ASSOCIATED MECHANICAL DRAWINGS AND MECHANICAL CONTRACTOR FOR MOTORS, DEVICES, FIXTURES, ETC.. FOR EXACT LOCATIONS BEFORE ROUGH-IN OF CONDUIT SYSTEM.
17.	MINIMUM CONDUIT SIZE IS 3/4 INCH. MINIMUM WIRE SIZE IS #12 AWG, UNLESS OTHERWISE NOTED ON PLANS OR IN CIRCUIT REVIEWS.
18.	MOUNTING HEIGHTS ABOVE FINISHED FLOOR (A.F.F.) ARE TO CENTER OF DEVICE UNLESS NOTED OTHERWISE.
19.	ALL WIRING SHALL BE INSTALLED PER THE NATIONAL ELECTRIC CODE (NEC). ALL WIRING SHALL BE SECURED AND SUPPORTED PER NEC 300.11.
20.	CONTRACTOR SHALL INCLUDE THE COST TO SECURE ALL APPLICABLE PERMITS IN BASE BID.
21.	ALL RECEPTACLES IN THE BREAK ROOM AREA SHALL BE GFCI; WHETHER SHOWN AS SUCH OR NOT.
22.	ALL EXIT AND EMERGENCY LIGHTING SHALL BE WIRED EITHER AHEAD OF LOCAL SWITCHING ON THE LOCAL AREA CIRCUIT OR ON A DEDICATED EXTREMITY CIRCUIT. THE METHOD CHOSEN SHALL MEET THE REQUIREMENTS OF N.E.C. ARTICLE 70 AND THE REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.
23.	ALL 120V AND 277V CIRCUITS SHALL HAVE A DEDICATED NEUTRAL. SHARING A NEUTRAL CONDUCTOR IS PROHIBITED.
24.	ALL RECEPTACLES BEHIND VENDING MACHINES AND REFRIGERATORS TO BE GFCI WITH REMOTE AND/OR ACCESSIBLE RESET.

SINGLE LINE SYMBOL LEGEND	
	CIRCUIT BREAKER
	FUSE
	UTILITY METER
	NON-FUSED DISCONNECT
	FUSIBLE DISCONNECT
	PANELBOARD, MAIN LUG ONLY WITH FEED THROUGH LUGS Y= RATING X= NAME
	PANELBOARD, MAIN LUGS ONLY Y= MAIN LUGS RATING X = NAME
	PANELBOARD, MAIN CIRCUIT BREAKER Y = MCB RATING X = NAME
	MOTOR - SINGLE PHASE Z = HP RATING
	MOTOR - THREE PHASE Z = HP RATING
	TRANSIENT VOLTAGE SURGE SUPPRESSION




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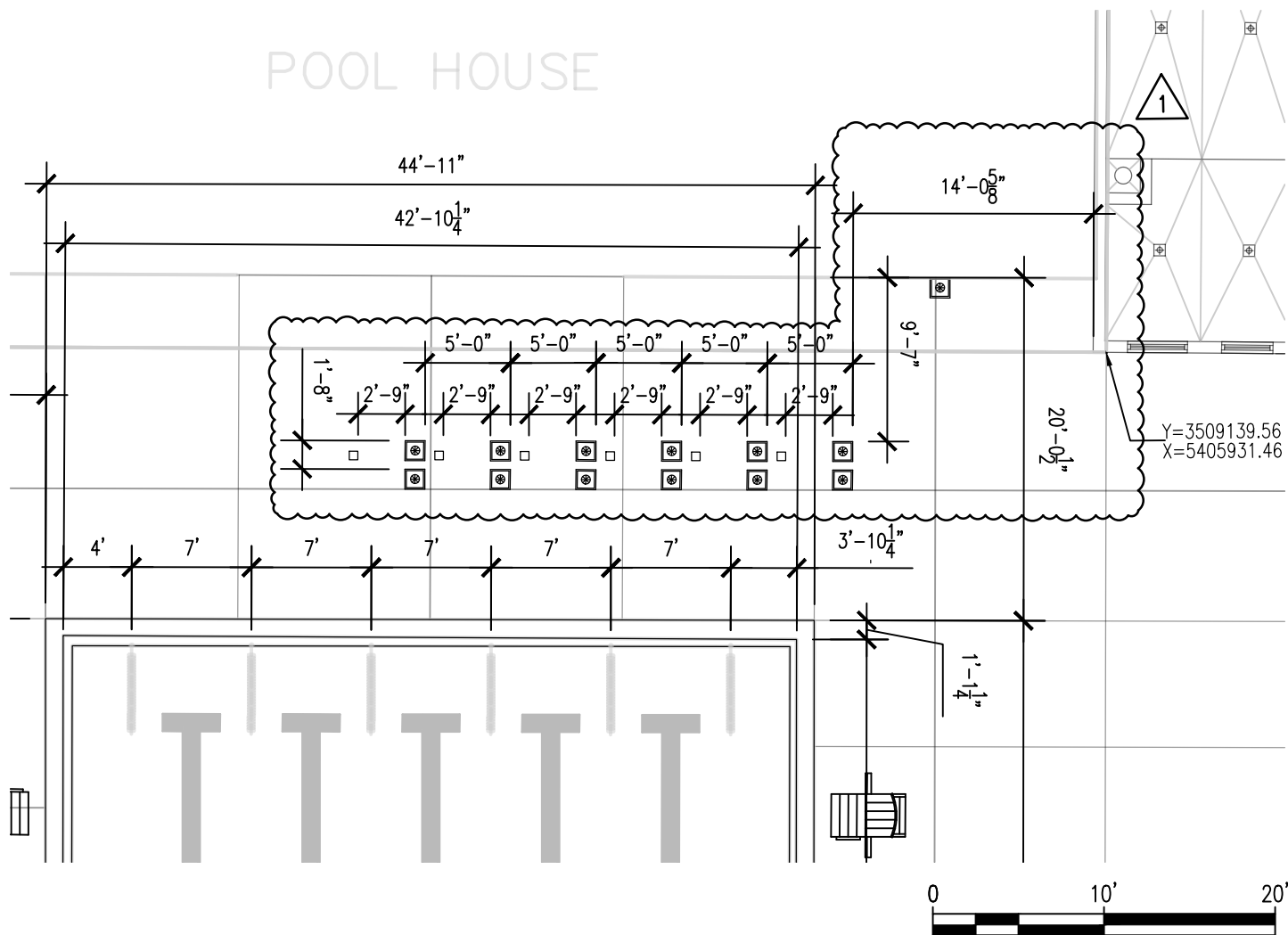
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 EXPIRATION DATE: 6/30/2023  
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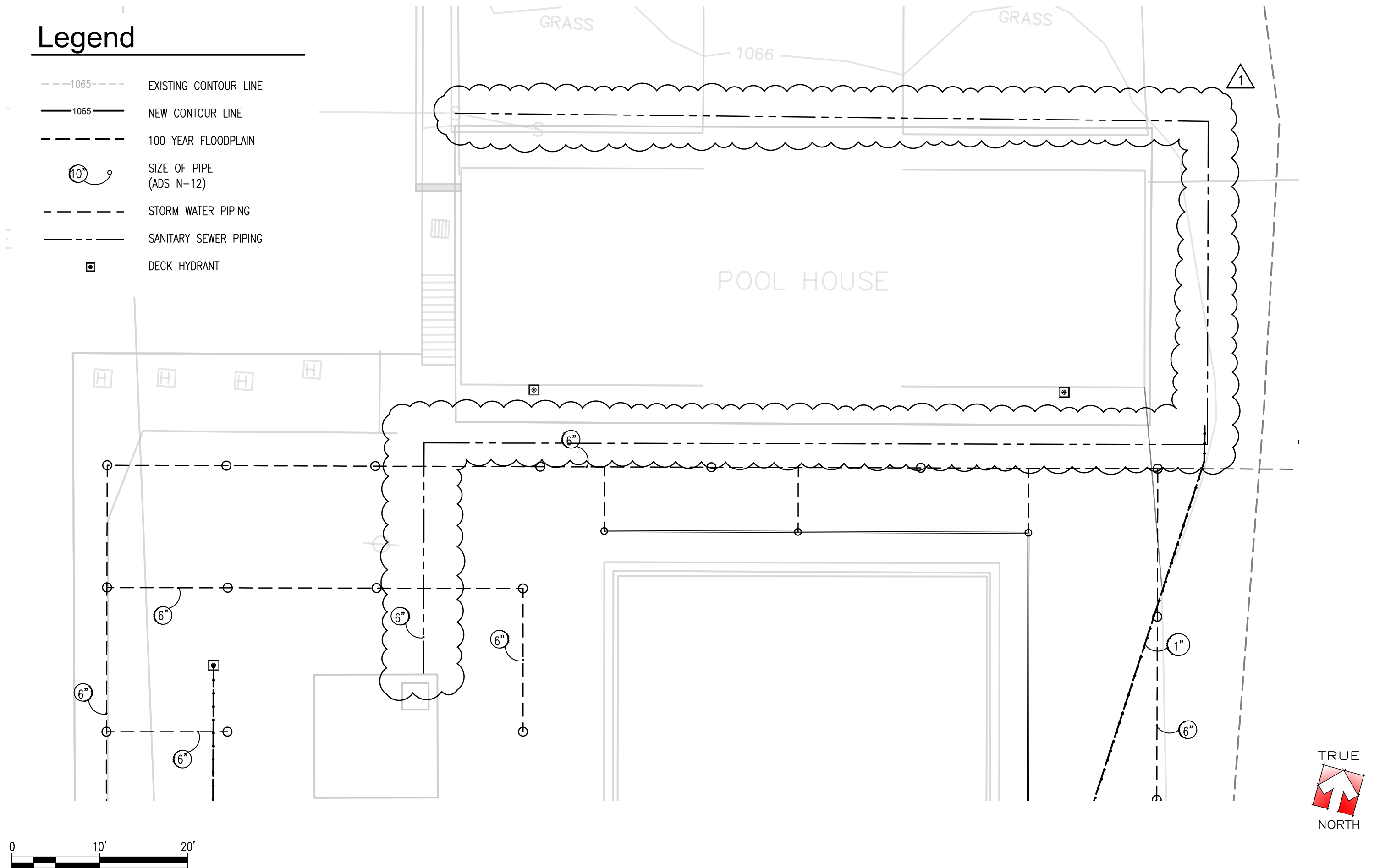


CP-103 - Pool Dimensional Plan

ADD1.1

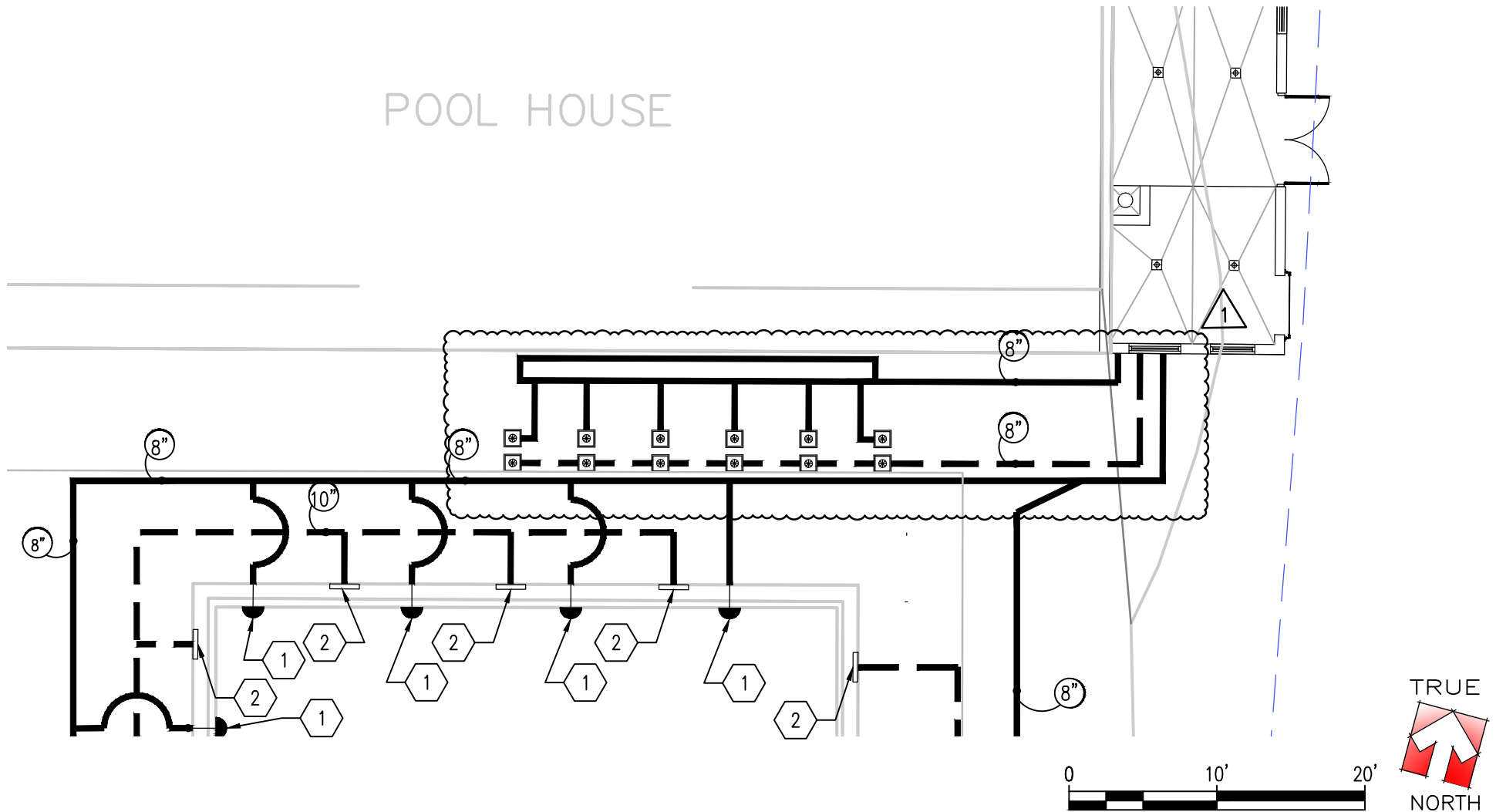
### Legend

- |   |                            |
|---|----------------------------|
| ---1065---  | EXISTING CONTOUR LINE      |
| ——1065——  | NEW CONTOUR LINE           |
| - - - - -   | 100 YEAR FLOODPLAIN        |
|  | SIZE OF PIPE<br>(ADS N-12) |
| - - - - -   | STORM WATER PIPING         |
| —— - - -  | SANITARY SEWER PIPING      |
|  | DECK HYDRANT               |



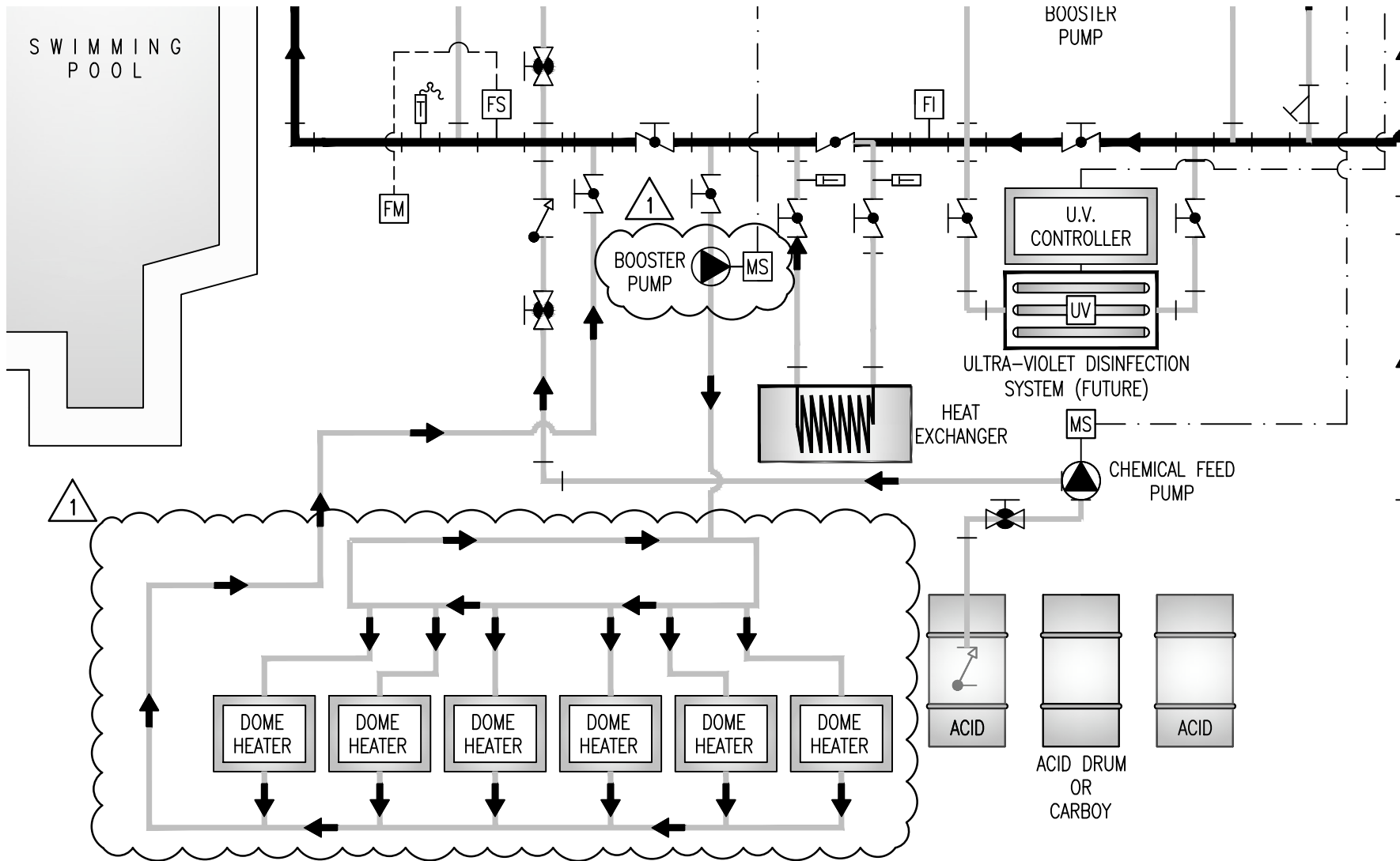
## CP-105 - Pool Deck Drainage & Utilities Plan

# ADD1.2



CP-106 - Pool Piping Plan

ADD1.3



**Process Flow Diagram - Pools (Lap-Plunge-Activity)**

N.T.S.