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# Universal CrystalLog<sup>®</sup>

## COMMERCIAL WHITE LED LIGHTING

### FEATURES

- Brightest 100W spot, 300W and 500W equivalent white LED light arrays
- Uses a 14.5 in. dia energy ring that surrounds light array to help us take us to 10 times longer
- Since it's made with most modern materials installed inside makes CrystalLog truly energy efficient
- 10% w/w of plastic construction with an ultra-thin lens that keeps light remarkably clear and easy to install
- Energy and maintenance savings can define a project in less than two years

### DIMENSIONS

- Can be installed in almost 4" from the wall and is upward baffle with no light spillage for most modern businesses, homes, offices, retail, schools, work stations etc.
- US: This fixture provides incredible installation for new construction
- Can be hung from 6" post and can be lighted inside growth and also above kitchen island with baffle
- Additional 150W and 300W white light white equivalent, 300W, 500W, 750W
- 1 year limited warranty and 5 years
- CrystalLog white LED lighting highly available

### TECHNICAL SPECIFICATIONS

Part Number	Rated Beam	Post and/or	Core Length (ft)
USL100W1000	1000W	Spot	50"
USL300W1000	3000W	Spot	150"
USL500W1000	5000W	Spot	150"
USL100W3000	3000W	Post	30"
USL300W3000	3000W	Post	60"
USL500W3000	3000W	Post	120"
USL100W10000	10000W	Spot	150"
USL300W10000	30000W	Spot	20"
USL500W10000	50000W	Spot	20"
USL100W15000	15000W	Spot	130"

### SAVINGS CALCULATION

Financial Savings

US: This fixture

can be used to

calculate savings

on your project

to see savings

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### ACCESSORIES

USC Ceramic Mounts	Approved US/CA	Post
USL100W1000	Approved US/CA	Post
USL300W1000	Approved US/CA	Post
USL500W1000	Approved US/CA	Post
USL100W3000	Approved US/CA	Post
USL300W3000	Approved US/CA	Post
USL500W3000	Approved US/CA	Post
USL100W10000	Approved US/CA	Post
USL300W10000	Approved US/CA	Post
USL500W10000	Approved US/CA	Post
USL100W15000	Approved US/CA	Post

2 in x 6 in Mount Post Light Fixtures	Post
USL100W1000	Post
USL300W1000	Post

LIGHTING - WHITE

# INTELLIBRITE® 5G WHITE LED LIGHTS

## UNDERWATER LED LIGHTS FOR SWIMMING POOLS AND SPAS

IntelliBrite 5g White  
LED Pool Light

### Featured Highlights

- The brightest and most efficient white LED pool light on the market
- 50% less energy than comparable incandescent lights
- 50% less energy than comparable LED lights
- Creates a vibrant blue and more natural light distribution
- Used less than competing 100W pool lights to provide better performance for swimmers and plants
- Compliant with Federal standards and pool codes
- Available in 120V and 277 volt versions
- Available in 6000K, 4000K, and 3000K temperature equivalents

IntelliBrite 5g White LED light offers a brighter, more energy efficient alternative to traditional underwater lighting systems or LEDs. It is also ideal for commercial applications.

### Ordering Information for Pool Lights

Product	Voltage	Wattage	Coat Length (ft.)	Temperature Equivalency	Carbon-Foot
<b>INTELLIBRITE 5G WHITE POOL LIGHT - STANDARD DIMENSIONAL POOL LIGHTS</b>					
401708	120V	47	25.0	400K Equivalency	1
401701	120V	48	36.0	400K Equivalency	1
401706	120V	49	100.0	300K Equivalency	1
401705	120V	48	160.0	300K Equivalency	1
401704	120V	49	240.0	300K Equivalency	1
<b>INTELLIBRITE 5G WHITE POOL LIGHTS - SHORTER DIMENSIONAL POOL LIGHTS</b>					
401706	120V	49	36.0	400K Equivalency	1
401704	12V	47	36.0	400K Equivalency	1
401707	12V	48	100.0	300K Equivalency	1
401708	12V	49	160.0	300K Equivalency	1
<b>INTELLIBRITE 5G WHITE POOL LIGHTS - SHORTER DIMENSIONAL POOL LIGHTS</b>					
401700	120V	47	25.0	400K Equivalency	1
401701	120V	48	36.0	400K Equivalency	1
401702	120V	49	100.0	300K Equivalency	1
401703	120V	48	160.0	300K Equivalency	1
401704	120V	49	240.0	300K Equivalency	1
<b>INTELLIBRITE 5G WHITE POOL LIGHTS - SHORTER DIMENSIONAL POOL LIGHTS</b>					
401706	12V	49	36.0	400K Equivalency	1
401707	12V	48	100.0	300K Equivalency	1
401708	12V	49	160.0	300K Equivalency	1
<b>INTELLIBRITE 5G WHITE POOL LIGHTS - SHORTER DIMENSIONAL POOL LIGHTS</b>					
401700	120V	47	25.0	400K Equivalency	1
401701	120V	48	36.0	400K Equivalency	1
401702	120V	49	100.0	300K Equivalency	1
401703	120V	48	160.0	300K Equivalency	1
401704	120V	49	240.0	300K Equivalency	1
<b>INTELLIBRITE 5G WHITE POOL LIGHTS - SHORTER DIMENSIONAL POOL LIGHTS</b>					
401706	12V	49	36.0	400K Equivalency	1
401707	12V	48	100.0	300K Equivalency	1
401708	12V	49	160.0	300K Equivalency	1

Please refer to pages 122-123 for Canadian Listed Pool Lights.

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# THE SCOUT 2 POOL LIFT

US PATENT NO. D507,769 S

The image contains several technical diagrams of the Scout 2 Pool Lift:

- Top View:** Shows the lift's footprint with dimensions: 71" width, 36" height, 48" width, 12" width, 14" height, 28" height, 19" MIN height, and 19" MIN height. It also indicates "ADA REQUIRED CLEAR-DECK SPACE" and "POOL WALL".
- Side View:** Shows the lift's profile with dimensions: 1765mm total height, 69 1/2" height, 1479mm height, 54" height, 1215mm height, 85" height, 457mm height, 18" height, and 191mm height. It also shows a 7 1/2" base width.
- Front View:** Shows the lift's front profile with dimensions: 1765mm total height, 69 1/2" height, 1479mm height, 54" height, 1215mm height, 85" height, 457mm height, 18" height, and 191mm height. It also shows a 7 1/2" base width.
- Detail Views:**
  - FLIP-UP ARMRESTS:** Shows the armrests in the up position.
  - SAFETY BELT:** Shows the safety belt attached to the lift.
  - FOOTREST:** Shows the footrest attached to the lift.
  - FIXING ANCHOR:** Shows the anchor attached to the lift.
  - 1.9" X 6" POST:** Shows the post attached to the lift.

Approved and Notified to ADA  
Applicable Sections of ADA  
Americans with Disabilities Act

**wyle**  
laboratories  
Laboratory Services

**Aqua Creek Products**

The Total Solution for Pool and Spa Access

9889 GARRYMORE LANE  
MINNOLA, VT 05858  
(800) 545-0767  
FAX (800) 549-2602

UNIVERSITY OF MASSACHUSETTS

PRODUCT:	F-808SC2
PRICE:	F-808SC2-1
QTY:	12/24
DATE:	6/1/15
BY:	KR
REVISION:	D

# THE SCOUT™ POOL LIFT

## SPECIFICATIONS:

- \*LIFTING CAPACITY: 3500lb [159kg]
- STATIC LOAD CAPACITY: 225 lb. [102kg]
- MAXIMUM WATER DRAFT (DECK TO WATER): 10" [25.4cm]
- MAXIMUM SETBACK: 30" [76cm]
- WEIGHT: 175 lbs [79 kg]

### MATERIALS:

BASE: TYPE 304 STAINLESS STEEL, PVC, CONCRETE, RUBBER MATS & ARMS; TYPE 304 STAINLESS STEEL  
CHAIR & FOOTREST: LOW-DENSITY POLYETHYLENE  
SAFETY BELT: HEAVY-DUTY POLYESTER STRAP, HOOK & LOCK FASTENER  
POWDER COATING: EPOXY, APPLIANCE WHITE  
FIXING ANCHOR-TAB: HIGH-DENSITY POLYETHYLENE  
FIXING BOLT:  $\phi 1/2$ "-13 X 2", 316 SS

### STANDARD EQUIPMENT:

- DUAL, FLIP-UP ARMBRESTS
- FLIP-UP FOOTREST
- 18" WIDE CHAIR
- 24V BATTERY & CHARGER
- WATERPROOF HANDSET/REMOTE
- SAFETY BELT

### AVAILABLE OPTIONS:

- $\phi 1.9"$  ID X 6" BRONZE ANCHOR, SCOUT  
HEADREST ASSEMBLY  
PULL-OUT LEGREST  
COVER (NON-LOCKABLE)  
COVER (LOCKABLE)  
TRANSPORT CART

### ANCHOR ADAPTERS:

- "SPASH" (2-1/2" SQUARE) F-820
- "LIFEGUARD" (2-1/2" ID) F-822
- "ELKACHOR" (2-3/8" ID) F-824
- "TOX ICE" (2-5/8" ID) F-826

\*NOTE: LIFTING CAPACITY IS 3000lb [136kg] WITH ANCHOR ADAPTERS

### PART NUMBER

- F-450SCA
- F-722HRR
- F-1051LR
- F-450SCB
- F-450SC-AC
- F-814SCTC

9889 GARYMORE LAKE  
MENDOTA, WI 53081  
(409) 545-0762  
FAX (409) 545-0763

USA

REGISTRATION AND PATENT PENDING

FINISH:	F-806SC-DER-D		
PRICE:	F-806SC-DER-D-13		
DATE:	1-11	2012	
REVISION:	DS		F

The Total Solution for Pool and Spa Access



1130 WESTWOOD BLVD  
LOS ANGELES, CA 90024  
T 310.209.7520  
F 310.209.7516  
[www.axisgfa.com](http://www.axisgfa.com)

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Inn®  
Marriott.**

GADSDEN AVENUE  
LANCASTER, CA

---

OWNER:

INSITE REAL ESTATE  
DEVELOPMENT  
6265 VARIEL AVENUE  
WOODLAND HILLS, CA 91367

Pumps - Inground

# MAIN DRAIN

Scale: NTS

## Whisper® High Performance Pumps

Energy Efficient Swimming Pool Pumps

Whisper® High Performance Pumps

Robot thermostats with the Can-i-Ramp™ won't just tell the pump "stop", they'll flow with it. They'll keep the pump running at 25% speed and shut the pump off. Motor frame housed dual and durable commercial duty for long life. Inexpensive with NEMA energy savings.

### Featured Highlights

- Overcome standard bad values... industry standard in pool pumps
- Standard and Energy efficient Scale Pump Motors available
- Lower Amp/HP Higher performance than industry standard
- Comes with all clearing systems, various filters and jet action systems
- Heavy duty electrical construction is designed for long life
- Designed residential and commercial applications
- Many more efficiency, energy, efficiency, scale of installation and better testing for long service life.

### Ordering Information

Product	Model	Whisper	Full Load Amps	HP	1/2 HP	Power Connection	Part No. (SPT)	Series	Wh. Size	Current	
<b>ENERGY EFFICIENT FULL LOAD AMP</b>											
101711	WE12	110000-200	18.85-4.4	1/2	100	100V	18.85-4.4	20	2 1/2	41	1
101712	WE18	110000-200	28.25-6.2	3/4	150	100V	28.25-6.2	30	3 1/2	41	2
101713	WE24	110000-200	37.65-8.4	1	160	100V	37.65-8.4	30	4 1/2	46	5
101714	WE30	110000-200	47.05-10.2	1 1/2	160	100V	47.05-10.2	30	5 1/2	46	6
101715	WE36	110000-200	56.45-12.0	2	160	100V	56.45-12.0	30	6 1/2	55	1
101716	WE42	110000-200	65.85-13.8	2 1/2	160	100V	65.85-13.8	30	7 1/2	55	1
<b>ENERGY EFFICIENT FULL LOAD AMP</b>											
101717	WE24	110000-200	23.65-5.6	1	120	100V	23.65-5.6	20	4 1/2	41	2
101718	WE30	110000-200	28.05-6.7	1 1/2	120	100V	28.05-6.7	20	5 1/2	46	5
101719	WE36	110000-200	32.45-7.8	2	120	100V	32.45-7.8	20	6 1/2	55	6
101720	WE42	110000-200	36.85-8.9	2 1/2	120	100V	36.85-8.9	20	7 1/2	55	6
<b>POWER CONNECTIONS FULL LOAD AMP</b>											
101711	WE12	110000-200	18.85-4.4	1/2	100	100V	18.85-4.4	20	2 1/2	41	1
101712	WE18	110000-200	28.25-6.2	3/4	150	100V	28.25-6.2	30	3 1/2	41	2
101713	WE24	110000-200	37.65-8.4	1	160	100V	37.65-8.4	30	4 1/2	46	5
101714	WE30	110000-200	47.05-10.2	1 1/2	160	100V	47.05-10.2	30	5 1/2	46	6
101715	WE36	110000-200	56.45-12.0	2	160	100V	56.45-12.0	30	6 1/2	55	1
101716	WE42	110000-200	65.85-13.8	2 1/2	160	100V	65.85-13.8	30	7 1/2	55	1
<b>CONNECTIONS FULL LOAD AMP</b>											
101717	WE24	110000-200	23.65-5.6	1	120	100V	23.65-5.6	20	4 1/2	41	2
101718	WE30	110000-200	28.05-6.7	1 1/2	120	100V	28.05-6.7	20	5 1/2	46	5
101719	WE36	110000-200	32.45-7.8	2	120	100V	32.45-7.8	20	6 1/2	55	6
101720	WE42	110000-200	36.85-8.9	2 1/2	120	100V	36.85-8.9	20	7 1/2	55	6
<b>POWER CONNECTIONS FULL LOAD AMP</b>											
101721	WE24	200-200000	23.65-5.6	1	120	200V	23.65-5.6	20	4 1/2	41	2
101722	WE30	200-200000	28.05-6.7	1 1/2	120	200V	28.05-6.7	20	5 1/2	46	5
101723	WE										

2

# POOL LIGHT

Scale: NTS

## TRITON® C AND TRITON C-3

### HIGH CAPACITY FIBERGLASS SIDE MOUNT SAND FILTER WITH DIVERS

**PENTAIR**

FILTERS • COMMERCIAL

#### Featured Highlights

- Maximum Operating Pressure 50 psi
- Full 2 in. Drain
- 8 in. opening for easy access to sand bed
- The Triton C-3 features standard 3 in. flange connections
- TR 100C-3 and TR 140C-3 models are available in black only

This filter series features multiple diverters for increased filtration rates in commercial applications up to 50 GPM, 10 ft.

TR 100-C3

TR 100 C

#### Ordering Information

Product	Model	Effective Filtration Rate (GPM/Sq. Ft.)	Flow Rate (GPM) (Std. 10 ft.)	Turnover Capacity (in Gall.)		Filter Media		Add'l. Sand (cu. Yd.)	Cts. No.	Qty. (Per Cts.)
				4" Round	8" Round	30/40	20/40			
<b>TRITON C-3 (100/140)</b>										
140015	TR 140C-3	4.41	74.10	78	39.00	42,000	30,000	150	400	400
140016	TR 140C-3	7.36	126.10	132	66.00	42,000	30,000	275	400	400
<b>TRITON C (100/140/170/210)</b>										
102010	TR 100C-3	4.41	74.10	78	39.00	42,000	30,000	150	400	400
102011	TR 140C-3	7.36	126.10	132	66.00	42,000	30,000	275	400	400
102012	TR 170C-3	10.21	170.10	168	84.00	42,000	30,000	375	400	400
102013	TR 210C-3	13.16	218.10	216	108.00	42,000	30,000	475	400	400
<b>TRITON C-3 (100/140) (STANDARD)</b>										
100005	2 in. 100W of plumbing for 400 gpm								1	11
100006	2 in. 140W of plumbing for 400 gpm								1	10
102010	Full Flow Valve, sand filter only (use the TR 100C and TR 140C model)								1	7
102010	Full Flow Valve, sand filter and pump (use the TR 170C and TR 210C model)									

\* Values must be purchased separately.

• Based on 10 gpm per sq. ft.



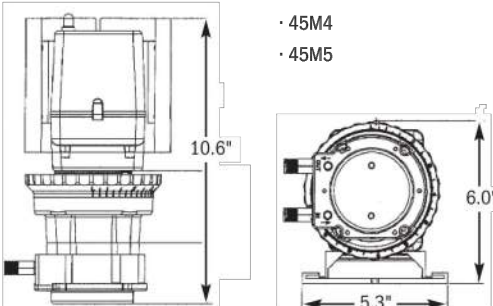

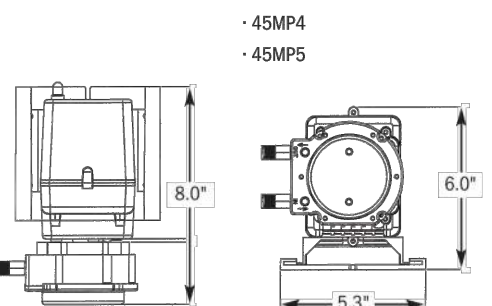






#### Dimensions

DIAMETER RANGE					
MODEL	4.00" - 4.50"	5.00" - 5.50"	6.00" - 6.50"	7.00" - 7.50"	8.00"
TR 100C	30.00"	30.00"	30.00"	40.00"	37.50"
TR 140C	30.00"	30.00"	30.00"	40.00"	37.50"
TR 170C	30.00"	30.00"	30.00"	40.00"	37.50"
TR 210C	30.00"	30.00"	30.00"	40.00"	37.50"

See page 398 for replacement parts.

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<div style="text-align: center;">  <h1 style="margin: 0;">ADA LIFT</h1> <p style="margin: 0;">Scale: NTS</p> </div>	<div style="text-align: center;"> <h1 style="margin: 0;">CLASSIC 51 PUMP SERIES SPECIFICATIONS</h1> </div>
<div style="text-align: center;"> <h2 style="margin: 0;">SINGLE HEAD ADJUSTABLE OUTPUT</h2>  <p><b>100 psi (6.9 bar) MODELS</b></p> <ul style="list-style-type: none"> <li>• 45MRP10</li> <li>• 45MRP22</li> </ul> <p><b>25 MPa (3.7 bar) MODELS</b></p> <ul style="list-style-type: none"> <li>• 45MR1</li> <li>• 45MR2</li> <li>• 45MR3</li> <li>• 45MR4</li> <li>• 45MR5</li> </ul>  <p><b>SHIPPING WEIGHT 9 lbs (4 kg)</b></p> </div>	<div style="text-align: center;"> <h2 style="margin: 0;">SINGLE HEAD FIXED OUTPUT</h2>  <p><b>100 psi (6.9 bar) MODELS</b></p> <ul style="list-style-type: none"> <li>• 45MRP97</li> <li>• 45MRP10</li> <li>• 45MRP22</li> </ul> <p><b>25 MPa (3.7 bar) MODELS</b></p> <ul style="list-style-type: none"> <li>• 45MR1</li> <li>• 45MR2</li> <li>• 45MR4</li> <li>• 45MR5</li> </ul>  <p><b>SHIPPING WEIGHT 9 lbs (4 kg)</b></p> </div>
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>UL LISTED</p> </div> <div style="text-align: center;">  <p>NEMA 3P US</p> </div> <div style="text-align: center;">  <p>CE</p> </div> <div style="text-align: center;">  <p>IP68</p> </div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;"> <div style="text-align: center;">  <p>Intertek CONFORMS TO UL 100-500 UL 100-500-1 UL 100-500-2 UL 100-500-3 UL 100-500-4 UL 100-500-5 UL 100-500-6 UL 100-500-7 UL 100-500-8 UL 100-500-9 UL 100-500-10 UL 100-500-11 UL 100-500-12 UL 100-500-13 UL 100-500-14 UL 100-500-15 UL 100-500-16 UL 100-500-17 UL 100-500-18 UL 100-500-19 UL 100-500-20 UL 100-500-21 UL 100-500-22 UL 100-500-23 UL 100-500-24 UL 100-500-25 UL 100-500-26 UL 100-500-27 UL 100-500-28 UL 100-500-29 UL 100-500-30 UL 100-500-31 UL 100-500-32 UL 100-500-33 UL 100-500-34 UL 100-500-35 UL 100-500-36 UL 100-500-37 UL 100-500-38 UL 100-500-39 UL 100-500-40 UL 100-500-41 UL 100-500-42 UL 100-500-43 UL 100-500-44 UL 100-500-45 UL 100-500-46 UL 100-500-47 UL 100-500-48 UL 100-500-49 UL 100-500-50 UL 100-500-51 UL 100-500-52 UL 100-500-53 UL 100-500-54 UL 100-500-55 UL 100-500-56 UL 100-500-57 UL 100-500-58 UL 100-500-59 UL 100-500-60 UL 100-500-61 UL 100-500-62 UL 100-500-63 UL 100-500-64 UL 100-500-65 UL 100-500-66 UL 100-500-67 UL 100-500-68 UL 100-500-69 UL 100-500-70 UL 100-500-71 UL 100-500-72 UL 100-500-73 UL 100-500-74 UL 100-500-75 UL 100-500-76 UL 100-500-77 UL 100-500-78 UL 100-500-79 UL 100-500-80 UL 100-500-81 UL 100-500-82 UL 100-500-83 UL 100-500-84 UL 100-500-85 UL 100-500-86 UL 100-500-87 UL 100-500-88 UL 100-500-89 UL 100-500-90 UL 100-500-91 UL 100-500-92 UL 100-500-93 UL 100-500-94 UL 100-500-95 UL 100-500-96 UL 100-500-97 UL 100-500-98 UL 100-500-99 UL 100-500-100</p> </div> <div style="text-align: center;">  <p>Intertek CONFORMS TO UL 100-500 UL 100-500-1 UL 100-500-2 UL 100-500-3 UL 100-500-4 UL 100-500-5 UL 100-500-6 UL 100-500-7 UL 100-500-8 UL 100-500-9 UL 100-500-10 UL 100-500-11 UL 100-500-12 UL 100-500-13 UL 100-500-14 UL 100-500-15 UL 100-500-16 UL 100-500-17 UL 100-500-18 UL 100-500-19 UL 100-500-20 UL 100-500-21 UL 100-500-22 UL 100-500-23 UL 100-500-24 UL 100-500-25 UL 100-500-26 UL 100-500-27 UL 100-500-28 UL 100-500-29 UL 100-500-30 UL 100-500-31 UL 100-500-32 UL 100-500-33 UL 100-500-34 UL 100-500-35 UL 100-500-36 UL 100-500-37 UL 100-500-38 UL 100-500-39 UL 100-500-40 UL 100-500-41 UL 100-500-42 UL 100-500-43 UL 100-500-44 UL 100-500-45 UL 100-500-46 UL 100-500-47 UL 100-500-48 UL 100-500-49 UL 100-500-50 UL 100-500-51 UL 100-500-52 UL 100-500-53 UL 100-500-54 UL 100-500-55 UL 100-500-56 UL 100-500-57 UL 100-500-58 UL 100-500-59 UL 100-500-60 UL 100-500-61 UL 100-500-62 UL 100-500-63 UL 100-500-64 UL 100-500-65 UL 100-500-66 UL 100-500-67 UL 100-500-68 UL 100-500-69 UL 100-500-70 UL 100-500-71 UL 100-500-72 UL 100-500-73 UL 100-500-74 UL 100-500-75 UL 100-500-76 UL 100-500-77 UL 100-500-78 UL 100-500-79 UL 100-500-80 UL 100-500-81 UL 100-500-82 UL 100-500-83 UL 100-500-84 UL 100-500-85 UL 100-500-86 UL 100-500-87 UL 100-500-88 UL 100-500-89 UL 100-500-90 UL 100-500-91 UL 100-500-92 UL 100-500-93 UL 100-500-94 UL 100-500-95 UL 100-500-96 UL 100-500-97 UL 100-500-98 UL 100-500-99 UL 1</p></div></div>	

ADA LIFT SPEC

Scale: NTS

5

# J-D Rain<sup>®</sup>

## Prefabricated Drainage Composites

BRO-990-0182

### APPLICATIONS

UNDER-SLABS  
PLAZA DECKS  
SPLIT-SLABS

### Application

Specially designed for projects demanding the highest compressive strength and filtration such as split slab, under slab, and plaza decks. Soil is retained while allowing water to pass into the drainage core. The collected water is then conveyed to a proper collection system. Suitable to receive concrete toppings.

### Product Description

Consists of a heavy duty impermeable polypropylene sheet cusped under heat and pressure to form a high flow drained drainage core. The drainage core is chemically resistant and designed for applications where chemical exposure is possible. The core is then bonded to a layer of woven filter fabric. The filter fabric retains soil or sand particles as well as heavily placed concrete or grout, allowing filtering water to pass into the drainage core.

### Physical Properties

#### Core

Compressive Strength (ASTM D-1621)	33,000 psi 1850 MPa*
Thickness (ASTM D-1777)	.40 in. 1.016 cm
Flow (ASTM D4771)	2.0 in/min 50.8 mm/min
Hydraulic gradient = 1	
Rail Weight	52 lbs. 23 kg.
Rail Width	4 ft. 1.22 meters
Rail Length	50 ft. 15.24 meters

#### Fabric

Flow (ASTM D-4491)	80 gsm/m <sup>2</sup> 2400 lb/yd <sup>2</sup>
CBR Puncture (ASTM D-6241)	600 psi 700 kN
AOS(EOS) (ASTM D-4751)	40 U.S. Sieve 42 mesh
Grab Tensile(ASTM D-4632)	370 lbs. 1.64 kN

\*The tensile strength of the polypropylene sheet used in the drainage core is determined by the weight of the sheet. The weight of the sheet is determined by the weight of the sheet divided by the area of the sheet. The weight of the sheet is determined by the weight of the sheet divided by the area of the sheet.

[info@j-drain.com](http://info@j-drain.com)

[www.j-drain.com](http://www.j-drain.com)

# JDR Enterprises, Inc.

292 S. Main St., Suite 200 Alpharetta, GA 30009  
(800) 843-7659 (770) 442-1461 Fax: (770) 442-7951

# POOL PUMP

Scale: NTS

6

Location:

**MIFAB® F1000**

**FLOOR CAST WITH HEAVY DUTY  
STAINLESS STEEL STRAINER**

**Specification:** MIFAB Series F1000 1" x 3/4" square strainer assembly, floodcast cast iron floor cast with heavy flange, stainless, and standard time (12" x 18", 18" x 20", 20" x 24", 24" x 30", 30" x 36", 36" x 42", 42" x 48", 48" x 54", 54" x 60", 60" x 66", 66" x 72", 72" x 78", 78" x 84", 84" x 90", 90" x 96", 96" x 102", 102" x 108", 108" x 114", 114" x 120", 120" x 126", 126" x 132", 132" x 138", 138" x 144", 144" x 150", 150" x 156", 156" x 162", 162" x 168", 168" x 174", 174" x 180", 180" x 186", 186" x 192", 192" x 198", 198" x 204", 204" x 210", 210" x 216", 216" x 222", 222" x 228", 228" x 234", 234" x 240", 240" x 246", 246" x 252", 252" x 258", 258" x 264", 264" x 270", 270" x 276", 276" x 282", 282" x 288", 288" x 294", 294" x 300", 300" x 306", 306" x 312", 312" x 318", 318" x 324", 324" x 330", 330" x 336", 336" x 342", 342" x 348", 348" x 354", 354" x 360", 360" x 366", 366" x 372", 372" x 378", 378" x 384", 384" x 390", 390" x 396", 396" x 402", 402" x 408", 408" x 414", 414" x 420", 420" x 426", 426" x 432", 432" x 438", 438" x 444", 444" x 450", 450" x 456", 456" x 462", 462" x 468", 468" x 474", 474" x 480", 480" x 486", 486" x 492", 492" x 498", 498" x 504, 504" x 510, 510" x 516, 516" x 522, 522" x 528, 528" x 534, 534" x 540, 540" x 546, 546" x 552, 552" x 558, 558" x 564, 564" x 570, 570" x 576, 576" x 582, 582" x 588, 588" x 594, 594" x 600, 600" x 606, 606" x 612, 612" x 618, 618" x 624, 624" x 630, 630" x 636, 636" x 642, 642" x 648, 648" x 654, 654" x 660, 660" x 666, 666" x 672, 672" x 678, 678" x 684, 684" x 690, 690" x 696, 696" x 702, 702" x 708, 708" x 714, 714" x 720, 720" x 726, 726" x 732, 732" x 738, 738" x 744, 744" x 750, 750" x 756, 756" x 762, 762" x 768, 768" x 774, 774" x 780, 780" x 786, 786" x 792, 792" x 798, 798" x 804, 804" x 810, 810" x 816, 816" x 822, 822" x 828, 828" x 834, 834" x 840, 840" x 846, 846" x 852, 852" x 858, 858" x 864, 864" x 870, 870" x 876, 876" x 882, 882" x 888, 888" x 894, 894" x 900, 900" x 906, 906" x 912, 912" x 918, 918" x 924, 924" x 930, 930" x 936, 936" x 942, 942" x 948, 948" x 954, 954" x 960, 960" x 966, 966" x 972, 972" x 978, 978" x 984, 984" x 990, 990" x 996, 996" x 1002, 1002" x 1008, 1008" x 1014, 1014" x 1020, 1020" x 1026, 1026" x 1032, 1032" x 1038, 1038" x 1044, 1044" x 1050, 1050" x 1056, 1056" x 1062, 1062" x 1068, 1068" x 1074, 1074" x 1080, 1080" x 1086, 1086" x 1092, 1092" x 1098, 1098" x 1104, 1104" x 1110, 1110" x 1116, 1116" x 1122, 1122" x 1128, 1128" x 1134, 1134" x 1140, 1140" x 1146, 1146" x 1152, 1152" x 1158, 1158" x 1164, 1164" x 1170, 1170" x 1176, 1176" x 1182, 1182" x 1188, 1188" x 1194, 1194" x 1200, 1200" x 1206, 1206" x 1212, 1212" x 1218, 1218" x 1224, 1224" x 1230, 1230" x 1236, 1236" x 1242, 1242" x 1248, 1248" x 1254, 1254" x 1260, 1260" x 1266, 1266" x 1272, 1272" x 1278, 1278" x 1284, 1284" x 1290, 1290" x 1296, 1296" x 1302, 1302" x 1308, 1308" x 1314, 1314" x 1320, 1320" x 1326, 1326" x 1332, 1332" x 1338, 1338" x 1344, 1344" x 1350, 1350" x 1356, 1356" x 1362, 1362" x 1368, 1368" x 1374, 1374" x 1380, 1380" x 1386, 1386" x 1392, 1392" x 1398, 1398" x 1404, 1404" x 1410, 1410" x 1416, 1416" x 1422, 1422" x 1428, 1428" x 1434, 1434" x 1440, 1440" x 1446, 1446" x 1452, 1452" x 1458, 1458" x 1464, 1464" x 1470, 1470" x 1476, 1476" x 1482, 1482" x 1488, 1488" x 1494, 1494" x 1500, 1500" x 1506, 1506" x 1512, 1512" x 1518, 1518" x 1524, 1524" x 1530, 1530" x 1536, 1536" x 1542, 1542" x 1548, 1548" x 1554, 1554" x 1560, 1560" x 1566, 1566" x 1572, 1572" x 1578, 1578" x 1584, 1584" x 1590, 1590" x 1596, 1596" x 1602, 1602" x 1608, 1608" x 1614, 1614" x 1620, 1620" x 1626, 1626" x 1632, 1632" x 1638, 1638" x 1644, 1644" x 1650, 1650" x 1656, 1656" x 1662, 1662" x 1668, 1668" x 1674, 1674" x 1680, 1680" x 1686, 1686" x 1692, 1692" x 1698, 1698" x 1704, 1704" x 1710, 1710" x 1716, 1716" x 1722, 1722" x 1728, 1728" x 1734, 1734" x 1740, 1740" x 1746, 1746" x 1752, 1752" x 1758, 1758" x 1764, 1764" x 1770, 1770" x 1776, 1776" x 1782, 1782" x 1788, 1788" x 1794, 1794" x 1800, 1800" x 1806, 1806" x 1812, 1812" x 1818, 1818" x 1824, 1824" x 1830, 1830" x 1836, 1836" x 1842, 1842" x 1848, 1848" x 1854, 1854" x 1860, 1860" x 1866, 1866" x 1872, 1872" x 1878, 1878" x 1884, 1884" x 1890, 1890" x 1896, 1896" x 1902, 1902" x 1908, 1908

# POOL FILTER

Scale: NTS

## SPECTRA CLEAN™ SERIES MODEL - WILDCAT E I

- ☒ APPROVED
- ☒ REVISED AND RESUBMIT
- ☒ NOT PROVIDED AS REQUESTED
- ☒ REJECTED
- ☒ SUBMIT SPECIFIED ITEM

Approval is given only for conformance with the design concept of the Project and compliance with the information given in the Contract Documents. Contractor is responsible for dimensions to be confirmed and construction details at the job site for information that pertains solely to the fabrication processes or to techniques of construction, and for coordination of the work of all trades.

Signature \_\_\_\_\_

Date \_\_\_\_\_

\*Note: Dimensions not to scale. Specifications are dimensional and are subject to change.

**SPECTRUM**  
**PRODUCTS**

2100 Spectrum Lane  
Missoula, Montana 59808  
406.562.9781 • 800.791.8056  
Fax: 406.542.1158  
www.spectrumproducts.com

### ENGINEERING DATA

Product:	Wildcat E I
Project #:	15870
Drawing Sheet:	8/2007
Drawn By:	S.A. 104-073-RS17

[illegible]

9

CHEM PUMP

Scale: NTS

## INDUSTRIAL GAUGE

### 2 1/2" Dial - Stainless Steel Wetted Parts

±1.6% Accuracy

The Milco P2598LZ-SS and P2598LZ-SS is a compact industrial gauge for applications where the process fluid requires stainless steel wetted components. This gauge features stainless steel case and can be filled with glycerine to prolong the life of the internal mechanism when exposed to vibration. It is calibrated to ±1.6% full scale accuracy and is suitable for many industrial and processing applications. **CAUTION:** A seal gasket must be installed on the connection when used on other applications.

#### General Specifications

**CASE:** 304 series stainless steel  
**RING:** 304 series stainless steel, bayonet type with gasket, 1/8" NPT, Polycarbonate  
**DIAL:** Aluminum, white finished with black markings  
**POINTER:** Aluminum, black, non-adjustable  
**MOVEMENT:** Stainless steel

**PORT & SOCKET:** 316 Stainless steel  
**CONNECTION:** 1/4" NPT Bottom outlet. Back outlet, consult factory.

**PROCESS:** 4 to 16% Full Scale (exceeds ASME B40.100 Class II)

**ACCURACY:** Temperature: P2598LZ-SS: 40 to 250°F (-40 to 500°F), P2598LZ-SS: 0 to 140°F (0 to 60°C)

**AMBIENT TEMPERATURE:** P2598LZ-SS: 0 to 140°F (-40 to 60°C), P2598LZ-SS: 0 to 140°F (-40 to 60°C)

#### Standard Ranges

Code	Range	FS	FS	MPa
		FS	FS	MPa
0001	30" (7620/1524 mm)	100	100	100
0002	30" (7620/1524 mm)	100	100	100
0003	30" (7620/1524 mm)	100	100	100
0004	30" (7620/1524 mm)	100	100	100
0005	30" (7620/1524 mm)	100	100	100
0006	30" (7620/1524 mm)	100	100	100
0007	30" (7620/1524 mm)	100	100	100
0008	30" (7620/1524 mm)	100	100	100
0009	30" (7620/1524 mm)	100	100	100
0010	30" (7620/1524 mm)	100	100	100
0011	30" (7620/1524 mm)	100	100	100
0012	30" (7620/1524 mm)	100	100	100
0013	30" (7620/1524 mm)	100	100	100
0014	30" (7620/1524 mm)	100	100	100
0015	30" (7620/1524 mm)	100	100	100
0016	30" (7620/1524 mm)	100	100	100
0017	30" (7620/1524 mm)	100	100	100
0018	30" (7620/1524 mm)	100	100	100
0019	30" (7620/1524 mm)	100	100	100
0020	30" (7620/1524 mm)	100	100	100
0021	30" (7620/1524 mm)	100	100	100
0022	30" (7620/1524 mm)	100	100	100
0023	30" (7620/1524 mm)	100	100	100
0024	30" (7620/1524 mm)	100	100	100
0025	30" (7620/1524 mm)	100	100	100
0026	30" (7620/1524 mm)	100	100	100
0027	30" (7620/1524 mm)	100	100	100
0028	30" (7620/1524 mm)	100	100	100
0029	30" (7620/1524 mm)	100	100	100
0030	30" (7620/1524 mm)	100	100	100
0031	30" (7620/1524 mm)	100	100	100
0032	30" (7620/1524 mm)	100	100	100
0033	30" (7620/1524 mm)	100	100	100
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0040	30" (7620/1524 mm)	100	100	100
0041	30" (7620/1524 mm)	100	100	100
0042	30" (7620/1524 mm)	100	100	100
0043	30" (7620/1524 mm)	100	100	100
0044	30" (7620/1524 mm)	100	100	100
0045	30" (7620/1524 mm)	100	100	100
0046	30" (7620/1524 mm)	100	100	100
0047	30" (7620/1524 mm)	100	100	100
0048	30" (7620/1524 mm)	100	100	100
0049	30" (7620/1524 mm)	100	100	100
0050	30" (7620/1524 mm)	100	100	100
0051	30" (7620/1524 mm)	100	100	100

[illegible]

11 VAULT DRAIN  
Scale: NTS

12 POOL VAC  
Scale: NTS

**13 FLOW METER**  
Scale: NTS

14 PRESSURE GAUGE  
Scale: NTS

## 5 EYE WASH

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CONSENT OF THE ARCHITECT



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CONSENT OF THE ARCHITECT:



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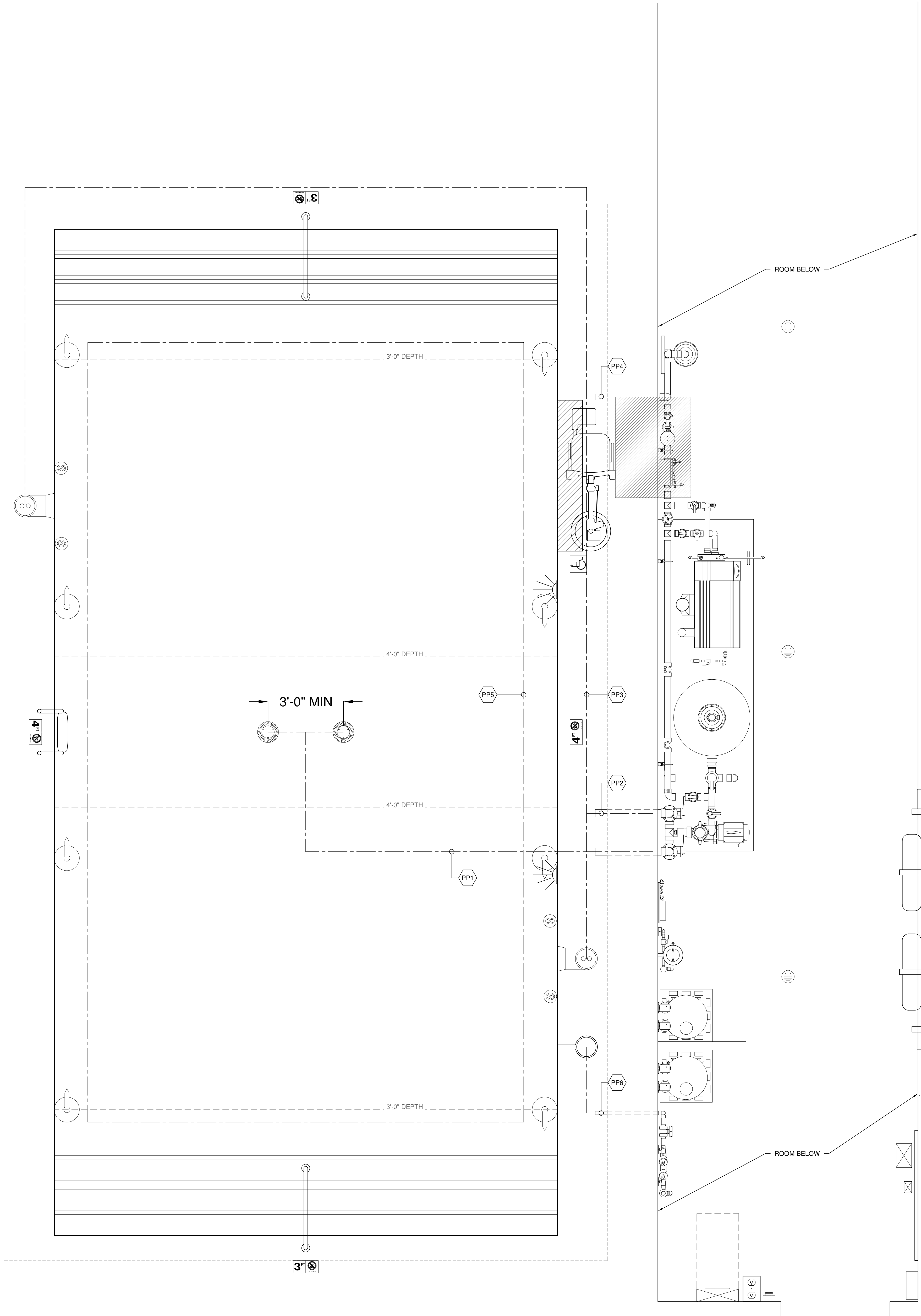
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PP POOL PLUMBING

DESIGN FLOW RATE FOR WEST CIRCULATION SYSTEM - 90 GPM

PP1. MAIN DRAIN CIRCULATION TRUNK:

3" PVC - 90 GPM - 100% MAX. FLOW THROUGH SYSTEM 90 GPM @ 4.33 FPS < 5 FPS

PP2. SKIMMER TRUNK:

3" PVC - 90 GPM - 100% MAX. FLOW THROUGH SYSTEM 90 GPM @ 4.33 FPS < 5 FPS

PP3. SKIMMER T:

2" PVC - 90 GPM - 50% MAX. FLOW THROUGH SYSTEM 45 GPM @ 4.89 FPS < 5 FPS

PP4. CIRCULATION TRUNK:

2 1/2" PVC - 90 GPM - 100% MAX. FLOW THROUGH SYSTEM 90 GPM @ 6.81 FPS < 8 FPS

PP5. CIRCULATION LOOP:

2" PVC - 60 GPM - 50% MAX. FLOW THROUGH SYSTEM 45 GPM @ 4.89 FPS < 8 FPS

PP6. COLD WATER SUPPLY:

1" LINE (TYPE: WATER SUPPLY INLET)

\*\*NOTE: ALL PVC TO BE SCHEDULE 80



1130 WESTWOOD BLVD  
LOS ANGELES, CA 90024  
T 310.209.7520  
F 310.209.7516  
www.axisgfa.com

PROJECT NAME

Residence  
Inn®  
Marriott.

GADSDEN AVENUE  
LANCASTER, CA

OWNER:

INSITE REAL ESTATE  
DEVELOPMENT  
6265 VAREL AVENUE  
WOODLAND HILLS, CA 91367



NO. DATE ISSUES AND REVISIONS BY

12/18/17 PLAN CHECK

DATE

SCALE

PROJECT NUMBER

LA1628

COMPUTER FILE

PROJECT NAME

DESCRIPTION

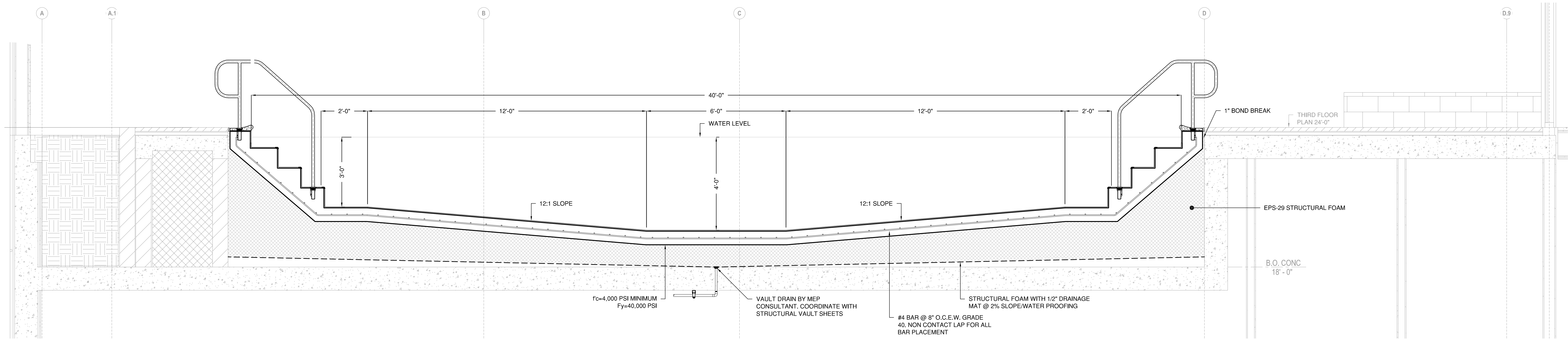
POOL PLUMBING

SHEET NUMBER

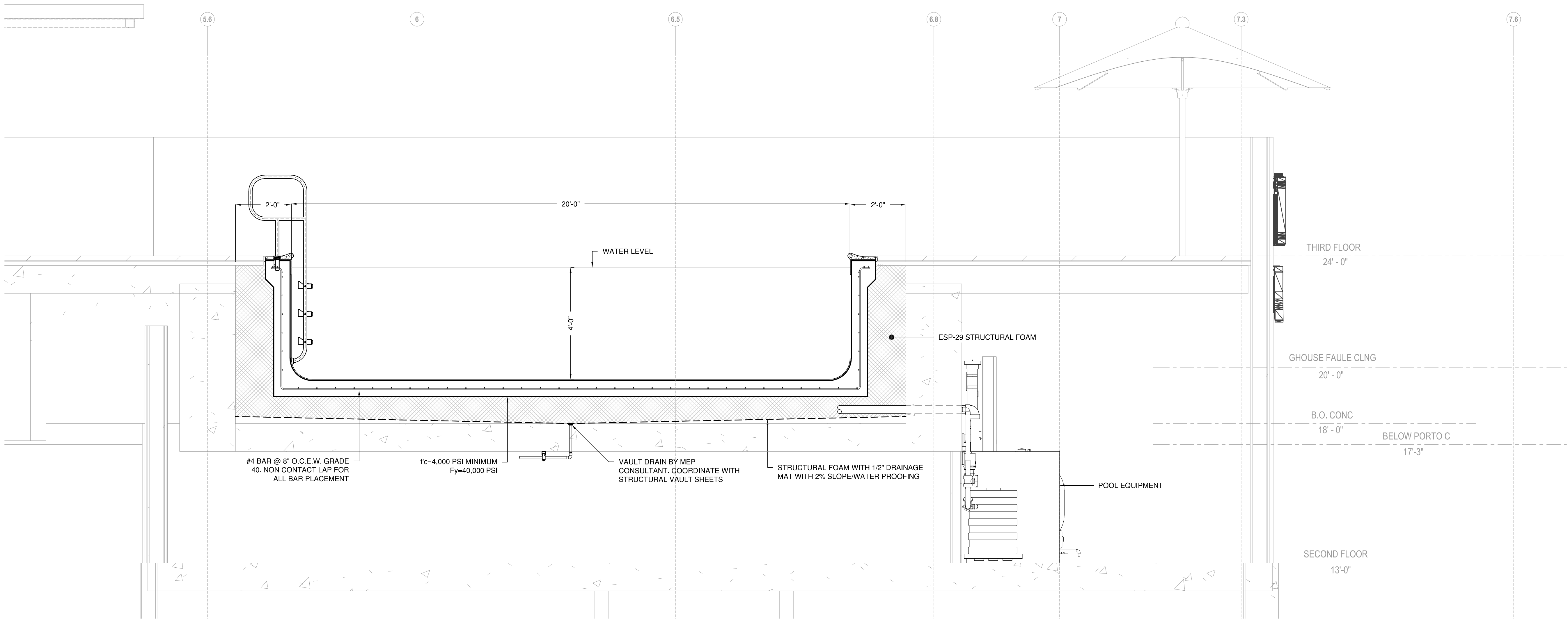
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1 POOL SECTION  
Scale: 1/2"=1'



2 POOL SECTION  
Scale: 1/2"=1'

PROJECT NAME

**Residence**  
**Inn®**  
**Marriott.**

GADSDEN AVENUE  
LANCASTER, CA

OWNER:

INSITE REAL ESTATE  
DEVELOPMENT  
6265 VAREL AVENUE  
WOODLAND HILLS, CA 91367



NO.	DATE	ISSUES AND REVISIONS	BY
1	12/18/17	PLAN CHECK	

DATE

SCALE

PROJECT NUMBER LA1628

COMPUTER FILE

PROJECT NAME

DESCRIPTION

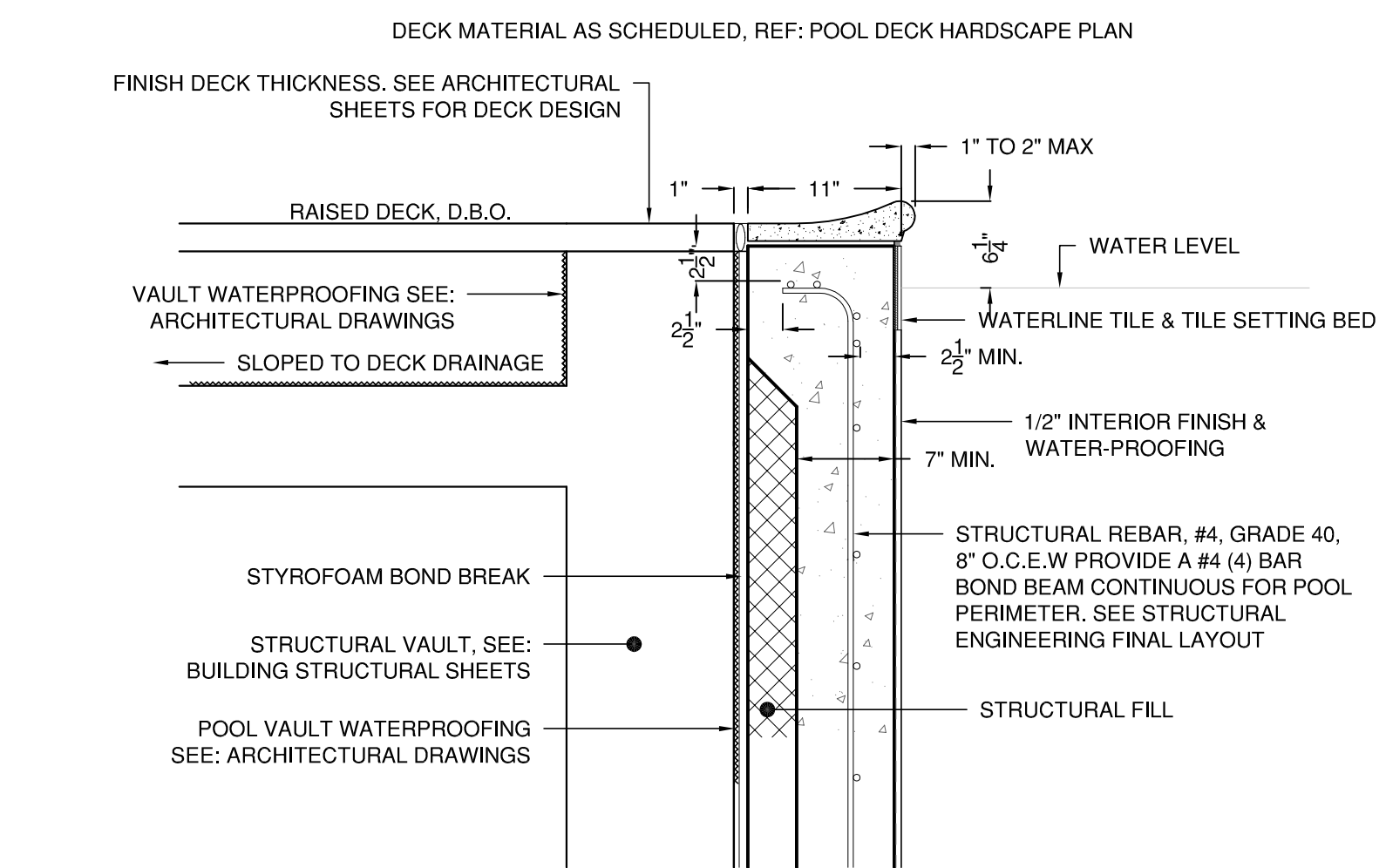
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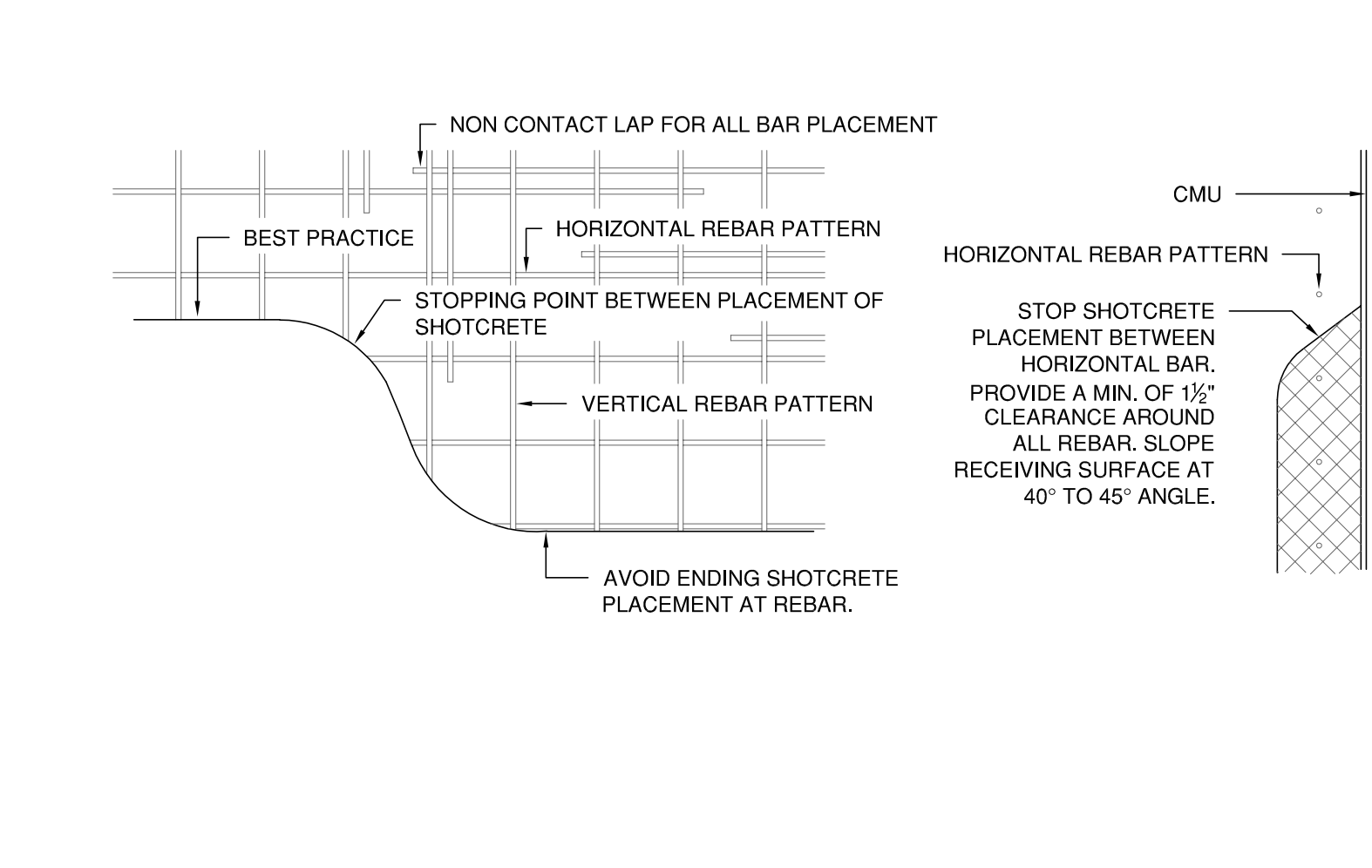
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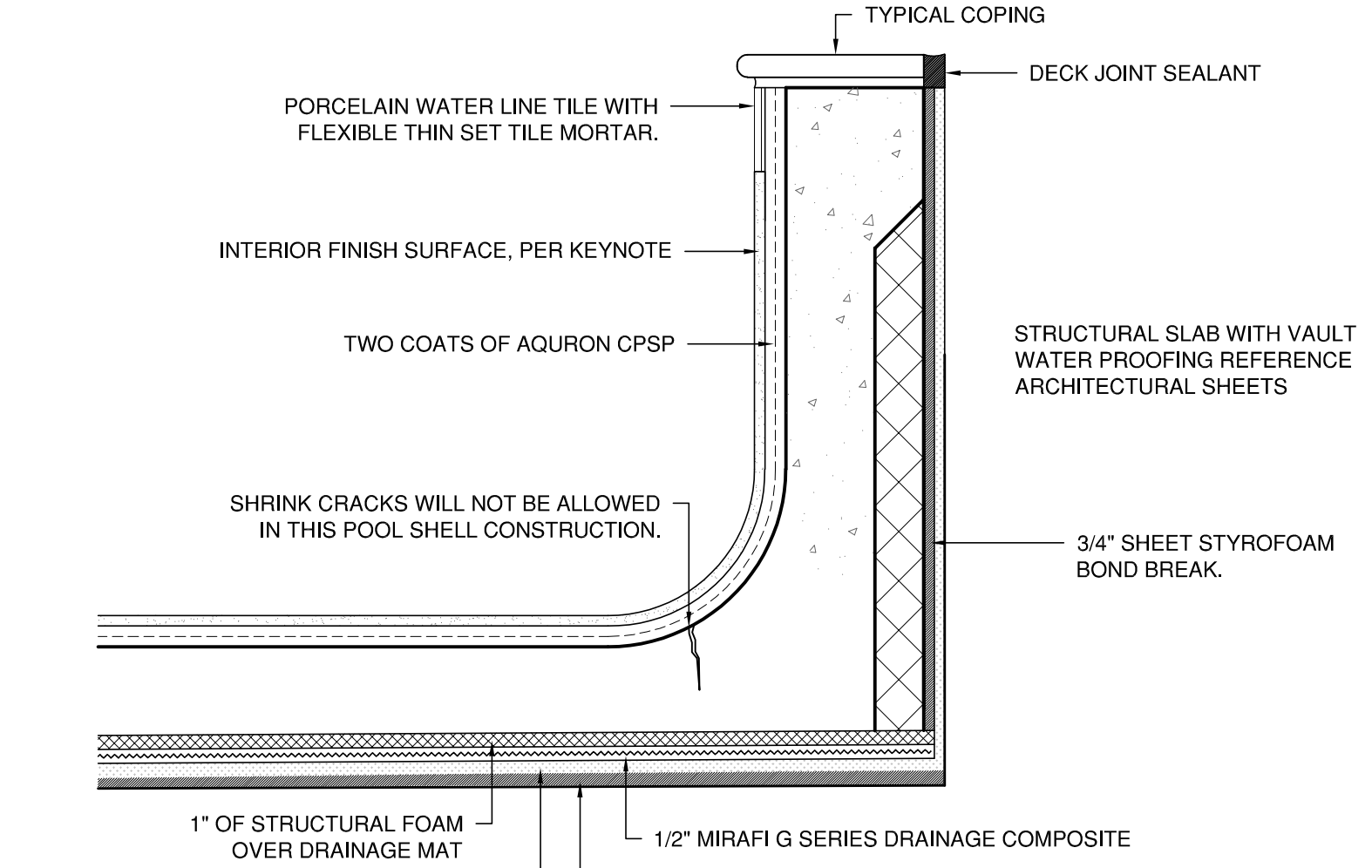




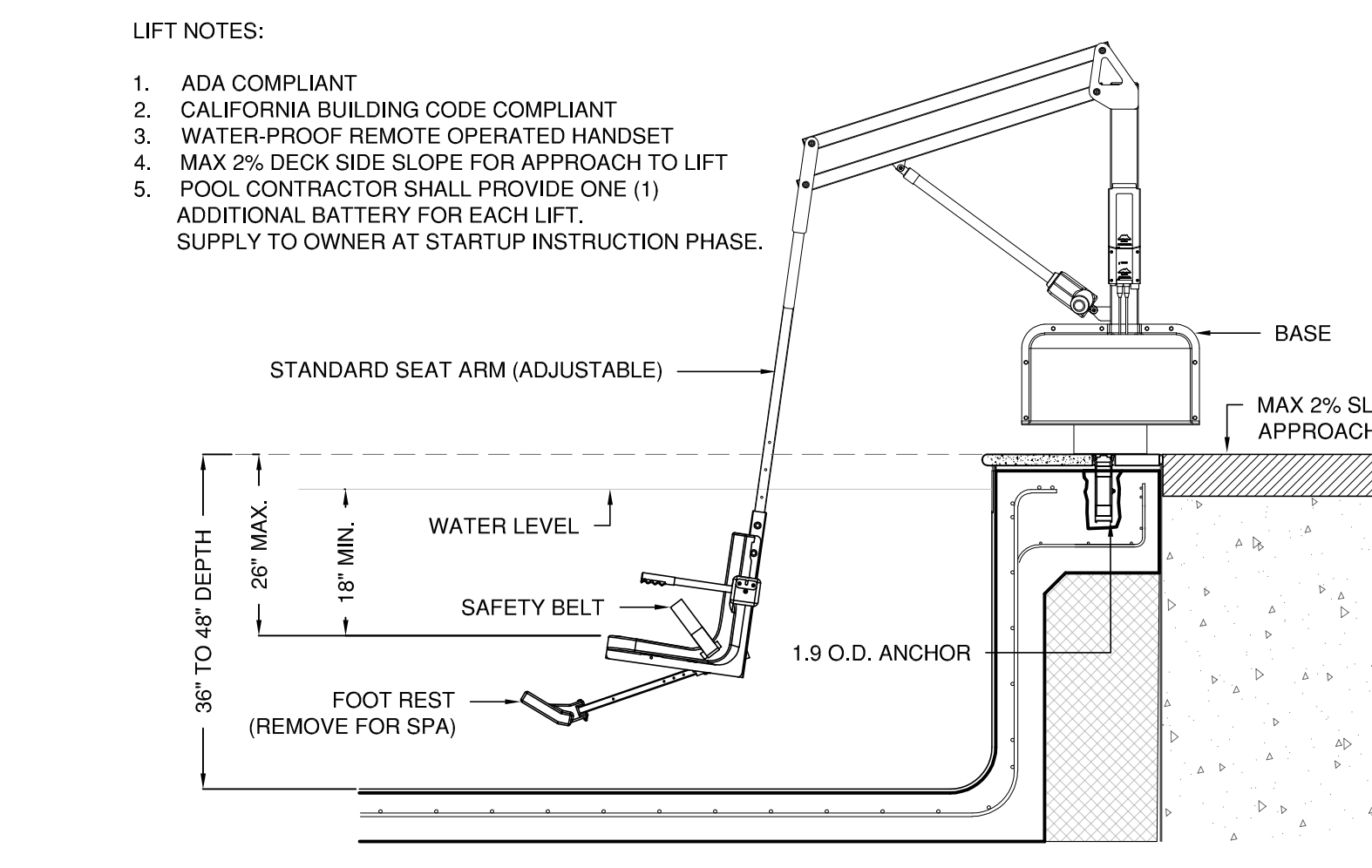
1 TYP. BEAM  
Scale: 1"=1'



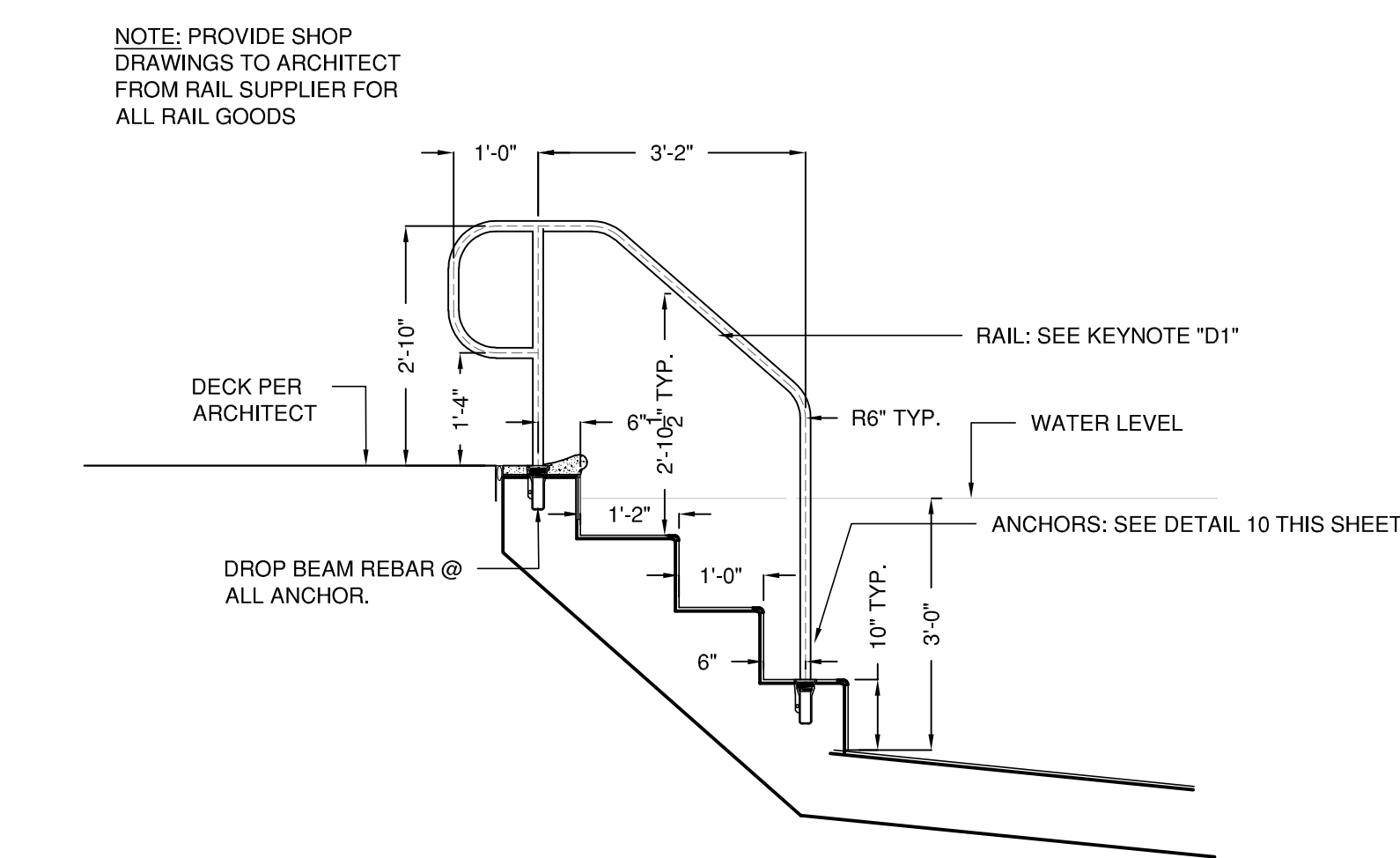
2 REBAR PLACEMENT  
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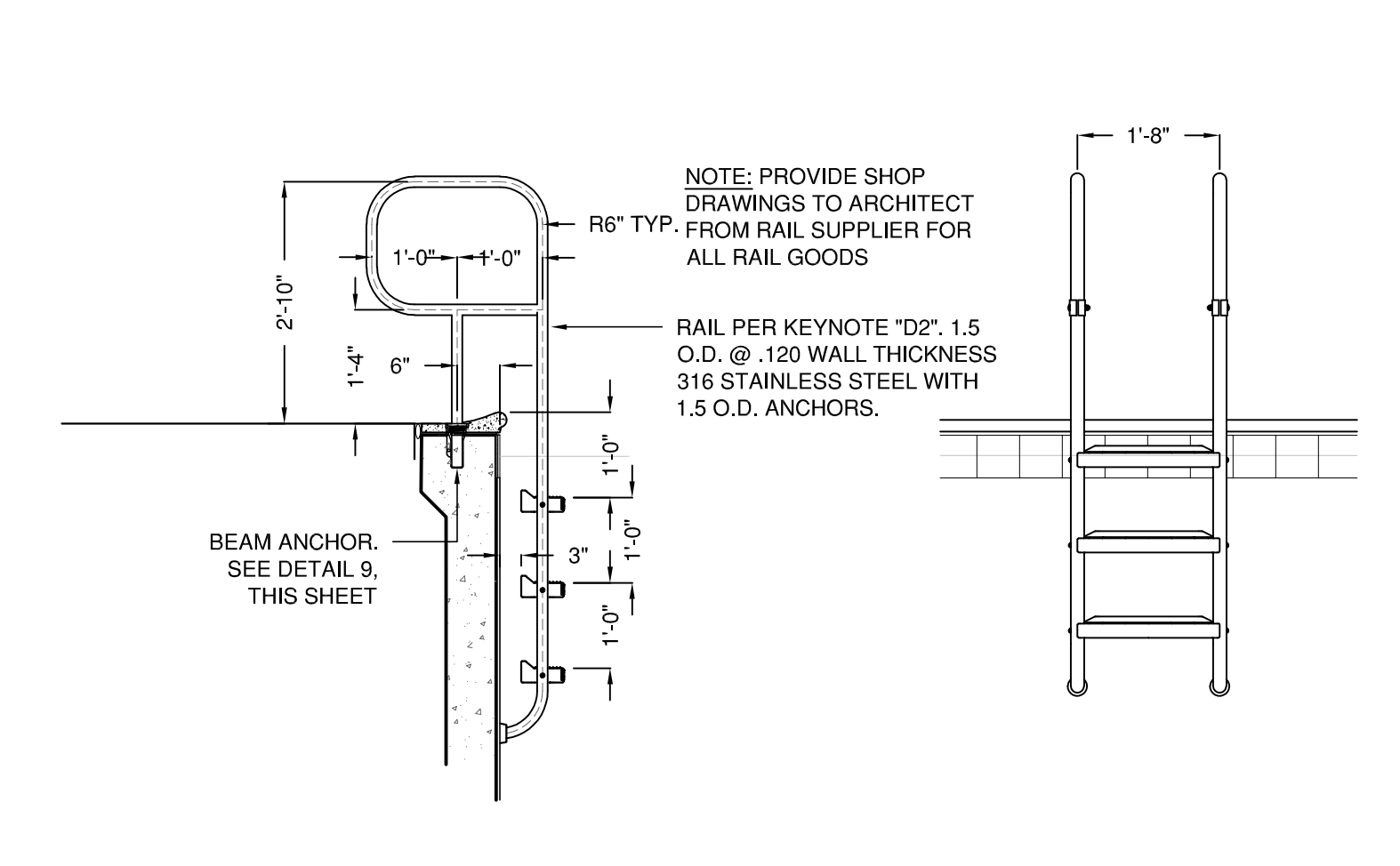
3 SHOTCRETE PLACEMENT  
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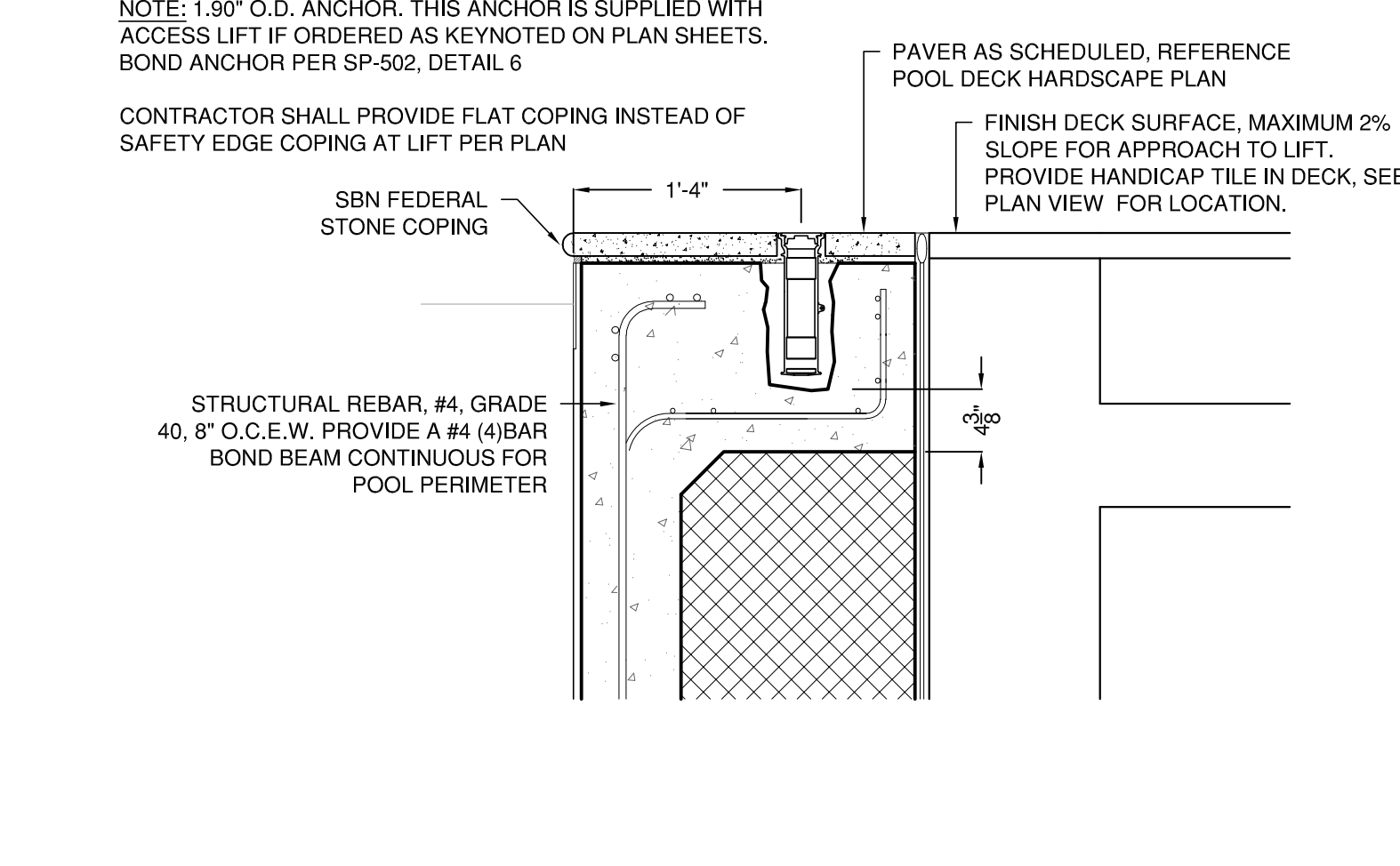
4 ADA LIFT  
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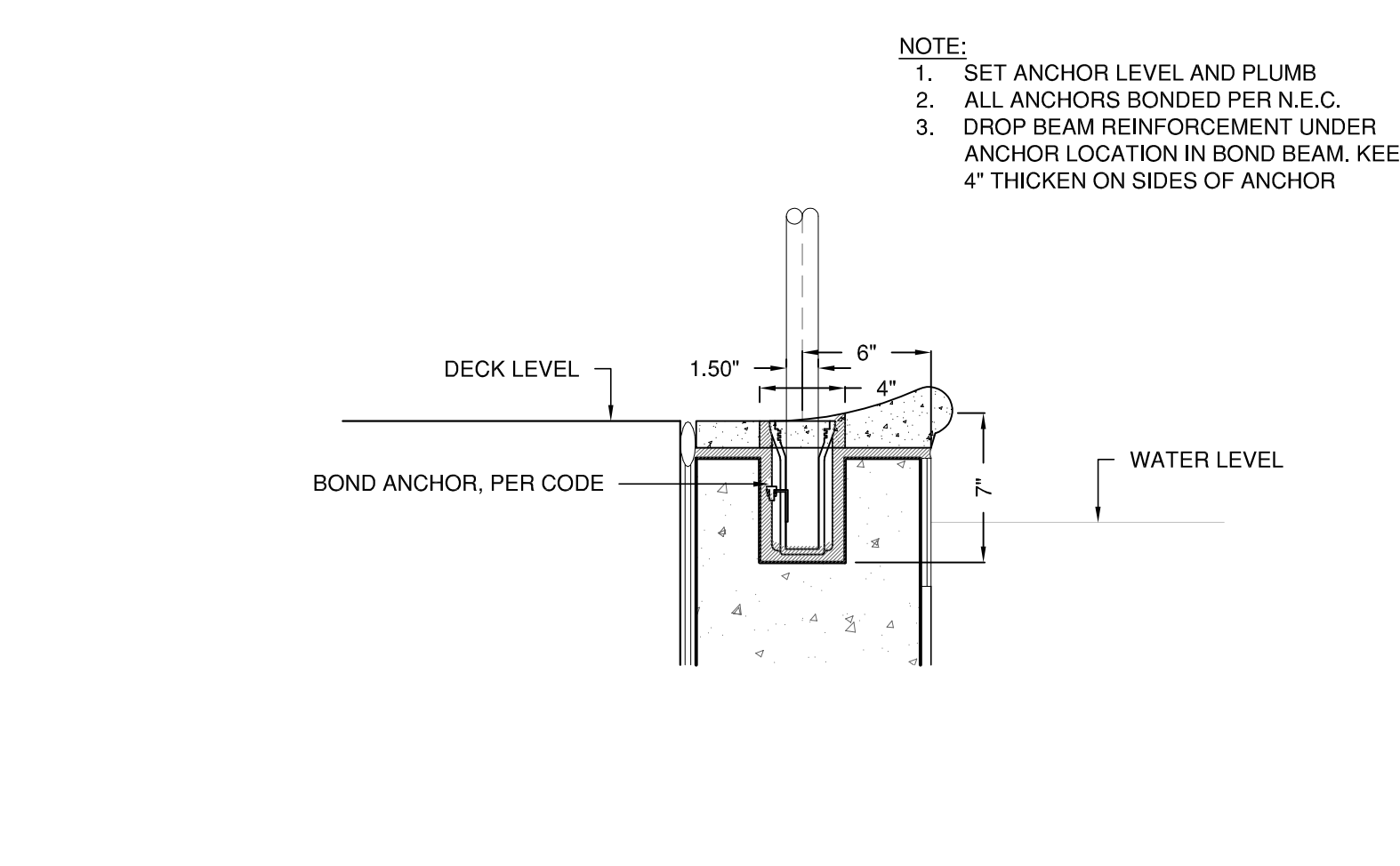
5 HANDRAIL  
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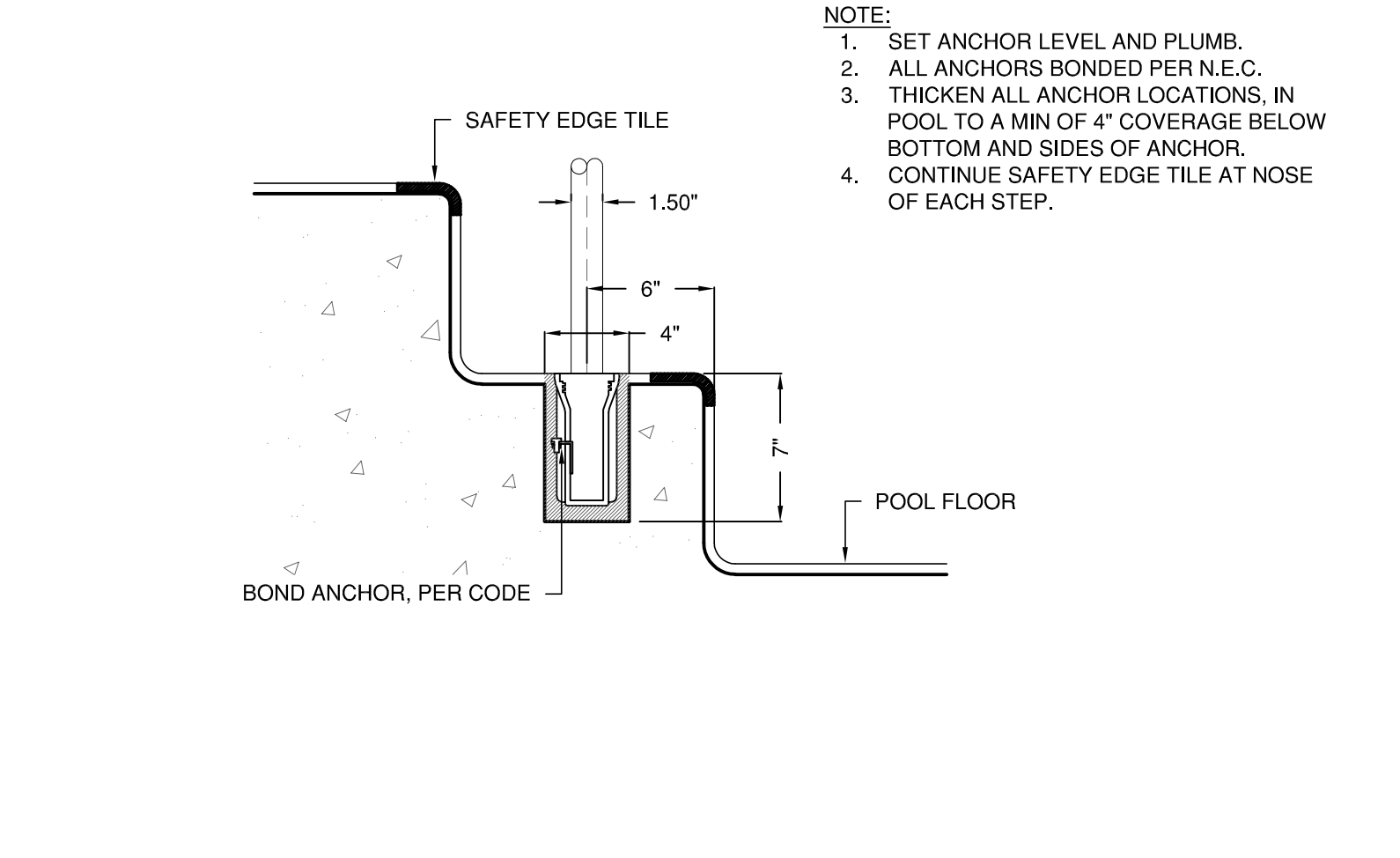
6 LADDER  
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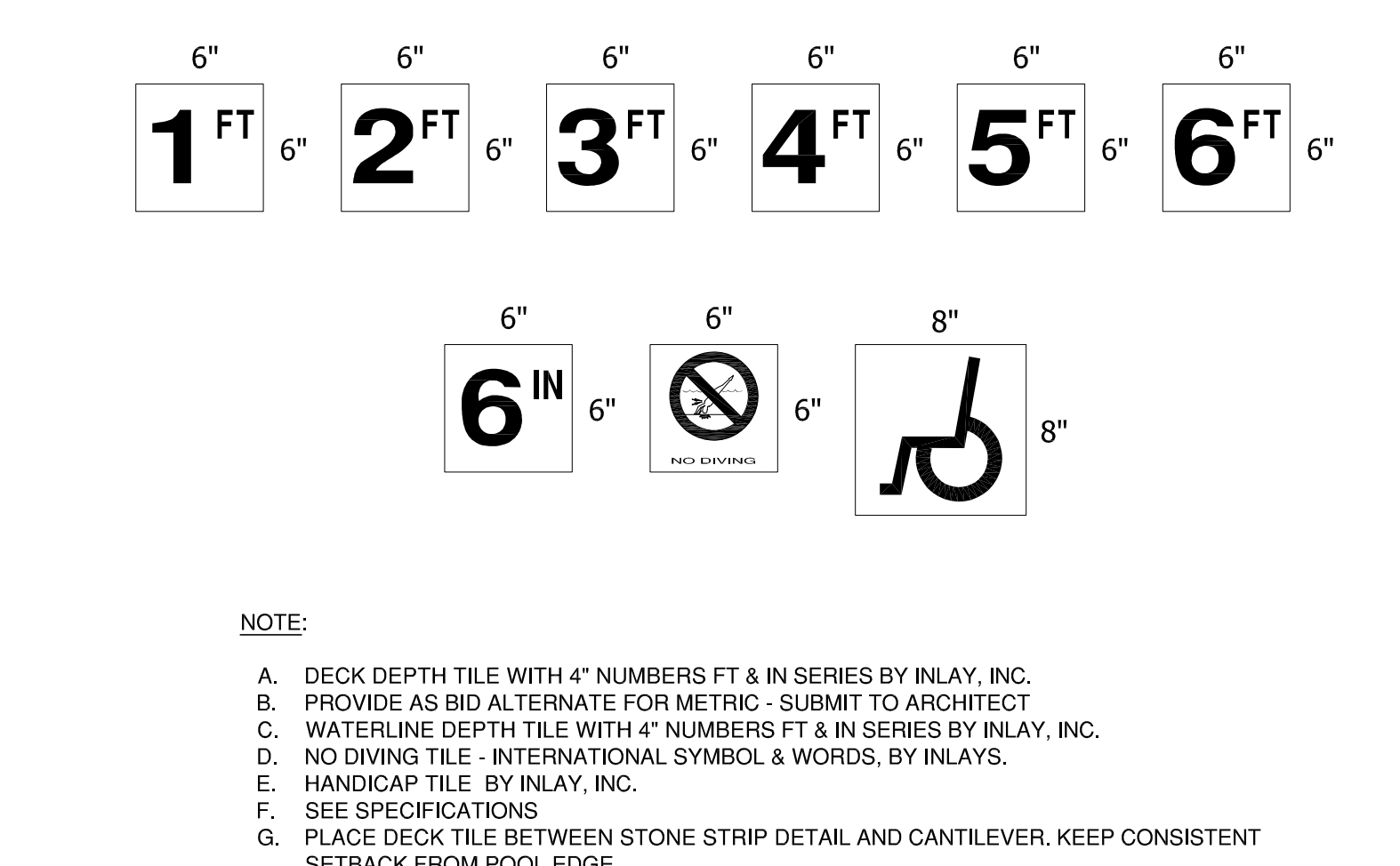
7 ADA ANCHOR  
Scale: 1"=1'



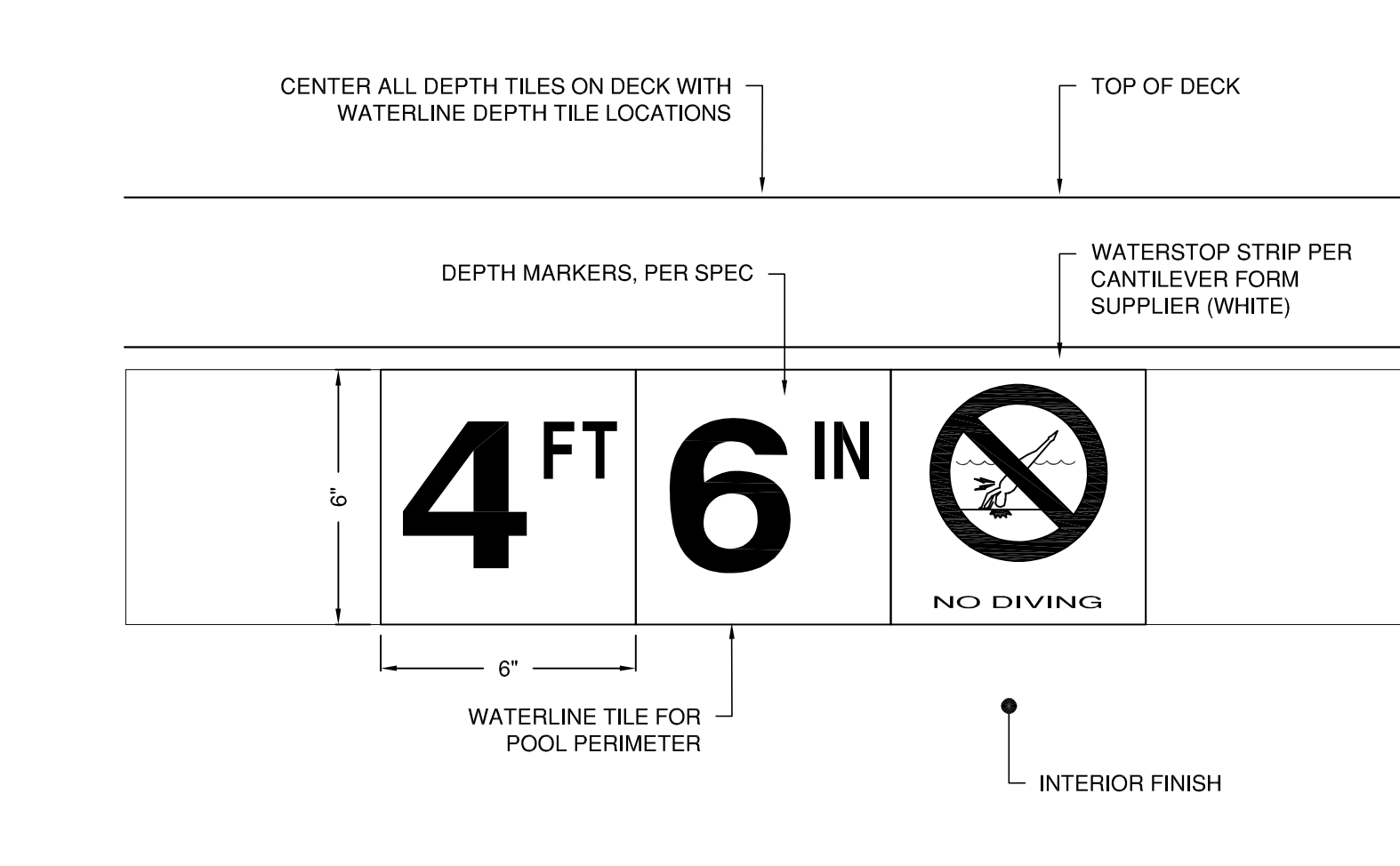
8 ANCHOR IN BEAM  
Scale: 1 1/2"=1'



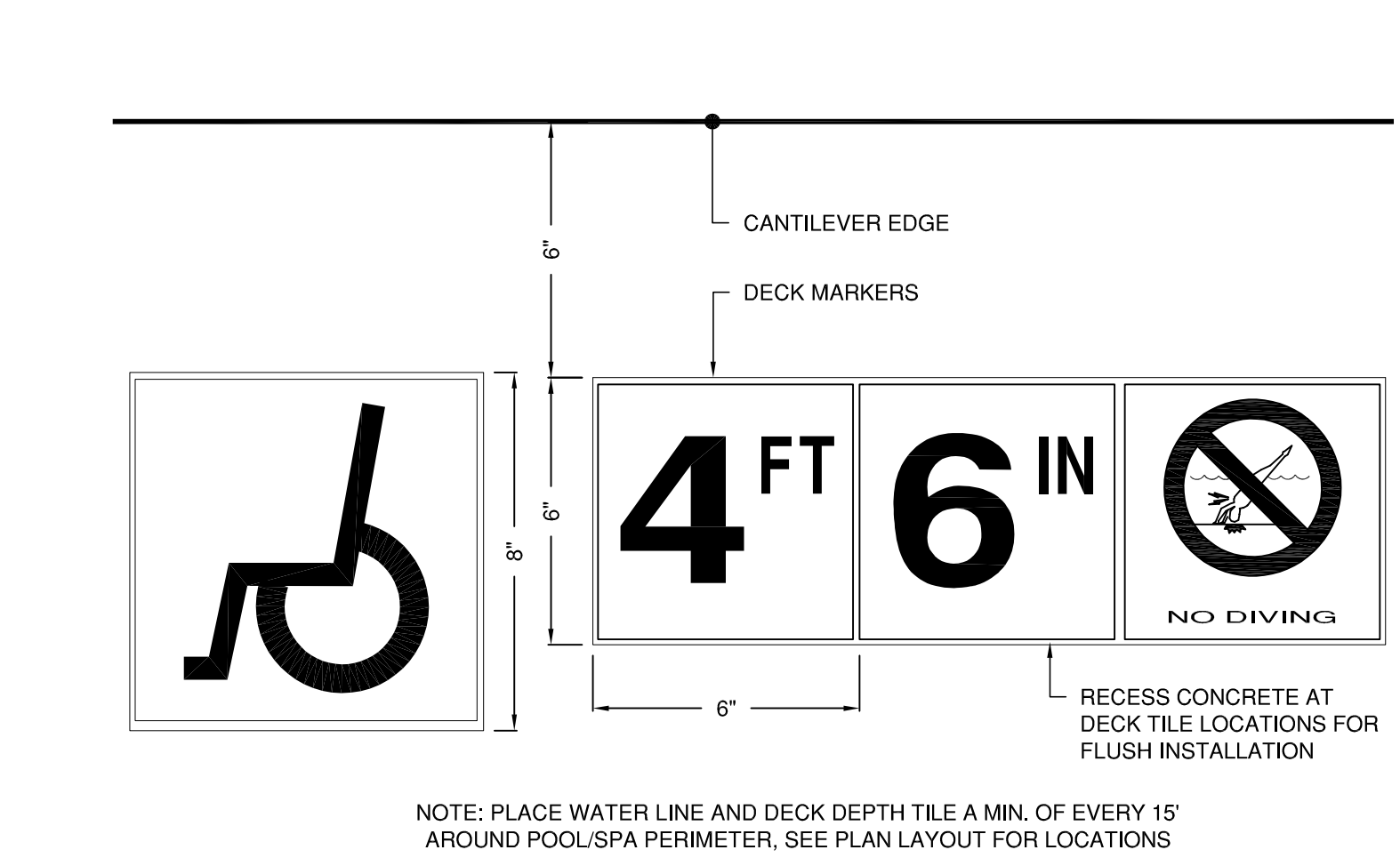
9 ANCHOR IN STEP  
Scale: 1 1/2"=1'



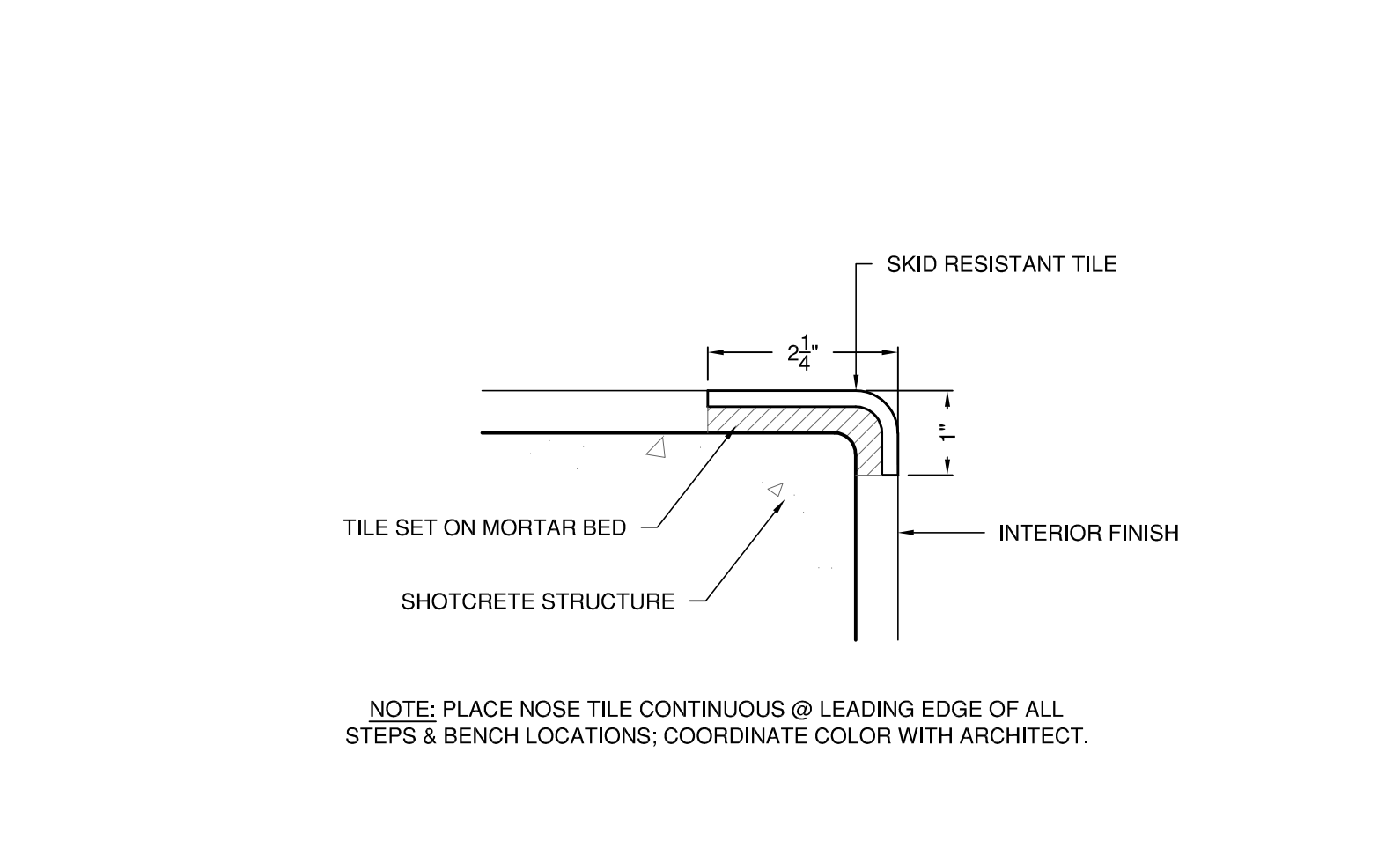
10 TYP. TILE  
Scale: NTS



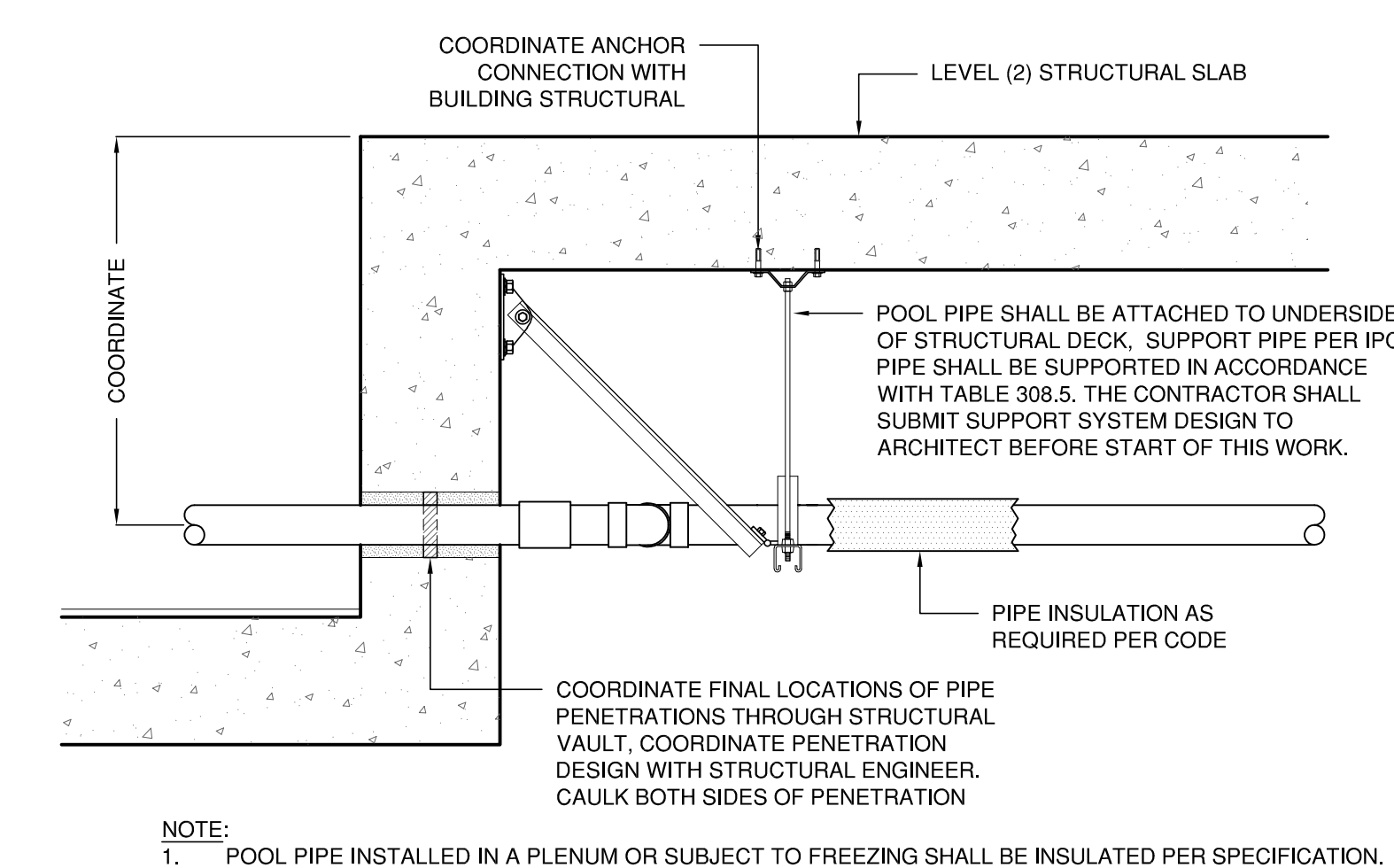
11 DEPTH MARKER PLACEMENT (WATER)  
Scale: 3"=1'



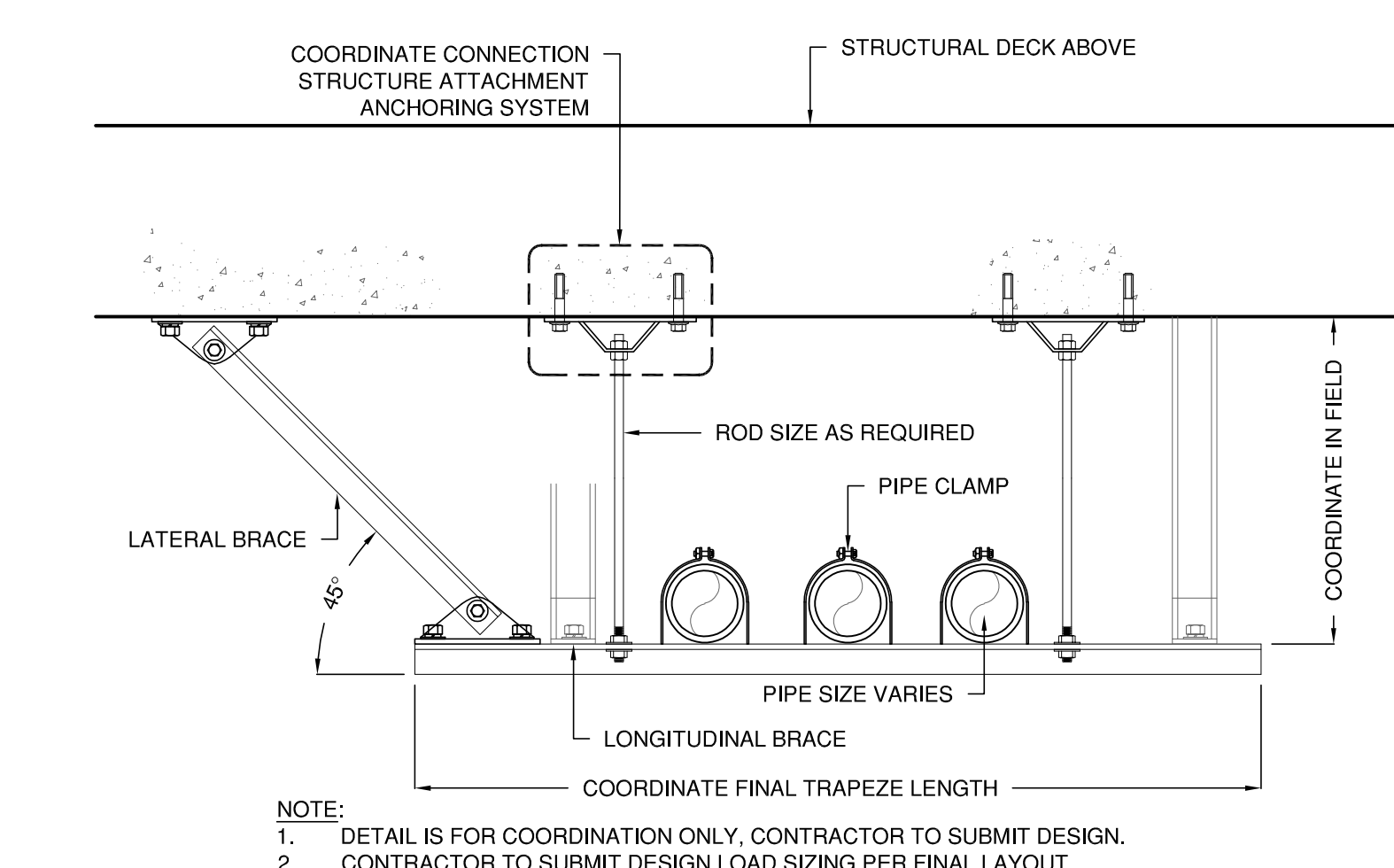
12 DEPTH MARKER PLACEMENT (DECK)  
Scale: 3"=1'



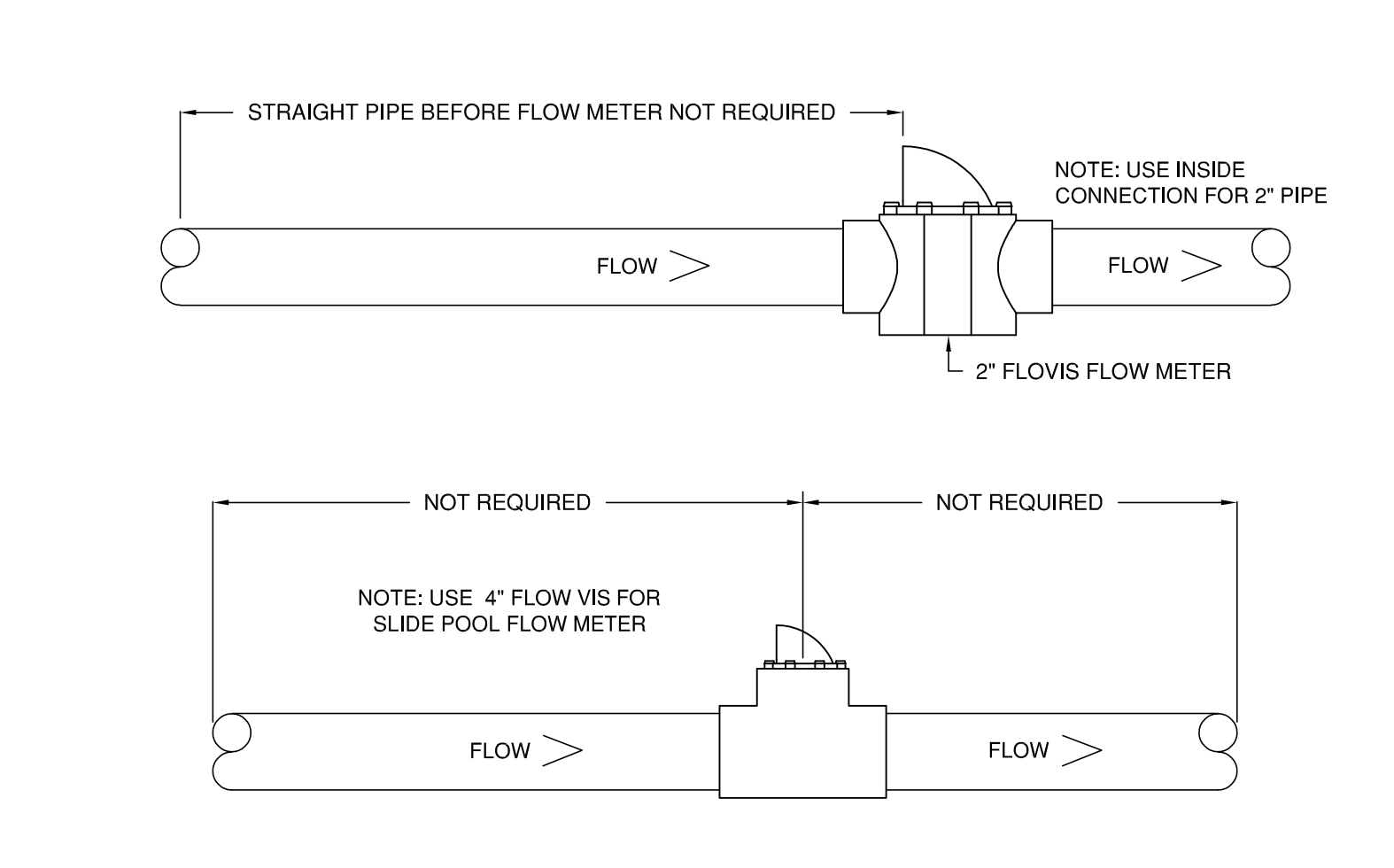
13 SAFETY EDGE TILE  
Scale: 6"=1'



14 PIPE PENETRATION  
Scale: 3/4"=1'



15 PIPE HANGER  
Scale: 1/2"=1'



16 FLOW METERS  
Scale: 1"=1'

PROJECT NAME

**Residence**  
**Inn®**  
**Marriott.**  
GADSDEN AVENUE  
LANCASTER, CA

OWNER:

INSITE REAL ESTATE  
DEVELOPMENT  
6265 VARIEL AVENUE  
WOODLAND HILLS, CA 91367



NO. DATE ISSUES AND REVISIONS BY

12/18/17 PLAN CHECK

DATE

SCALE

PROJECT NUMBER

LA1628

COMPUTER FILE

PROJECT NAME

DESCRIPTION

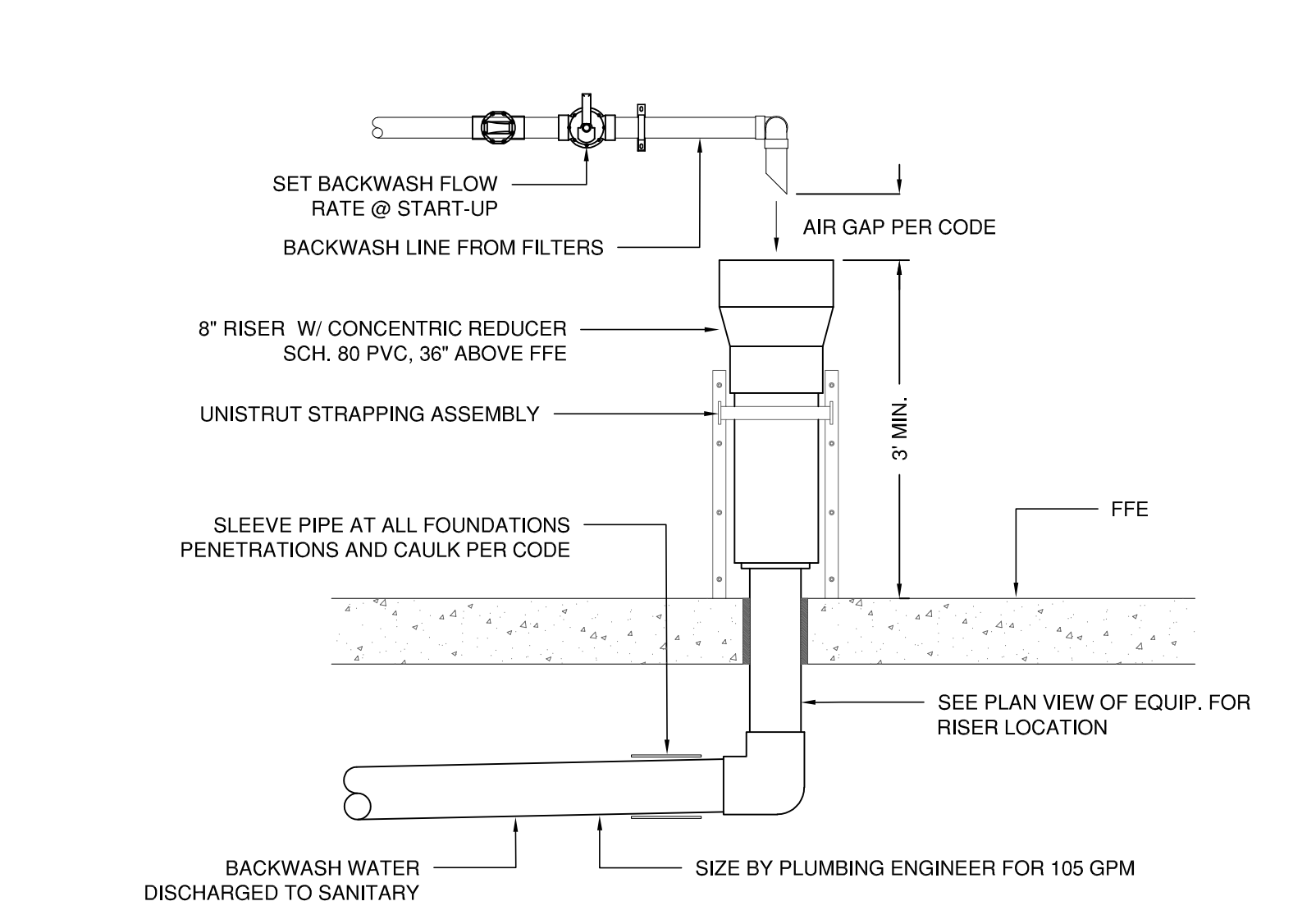
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SHEET NUMBER

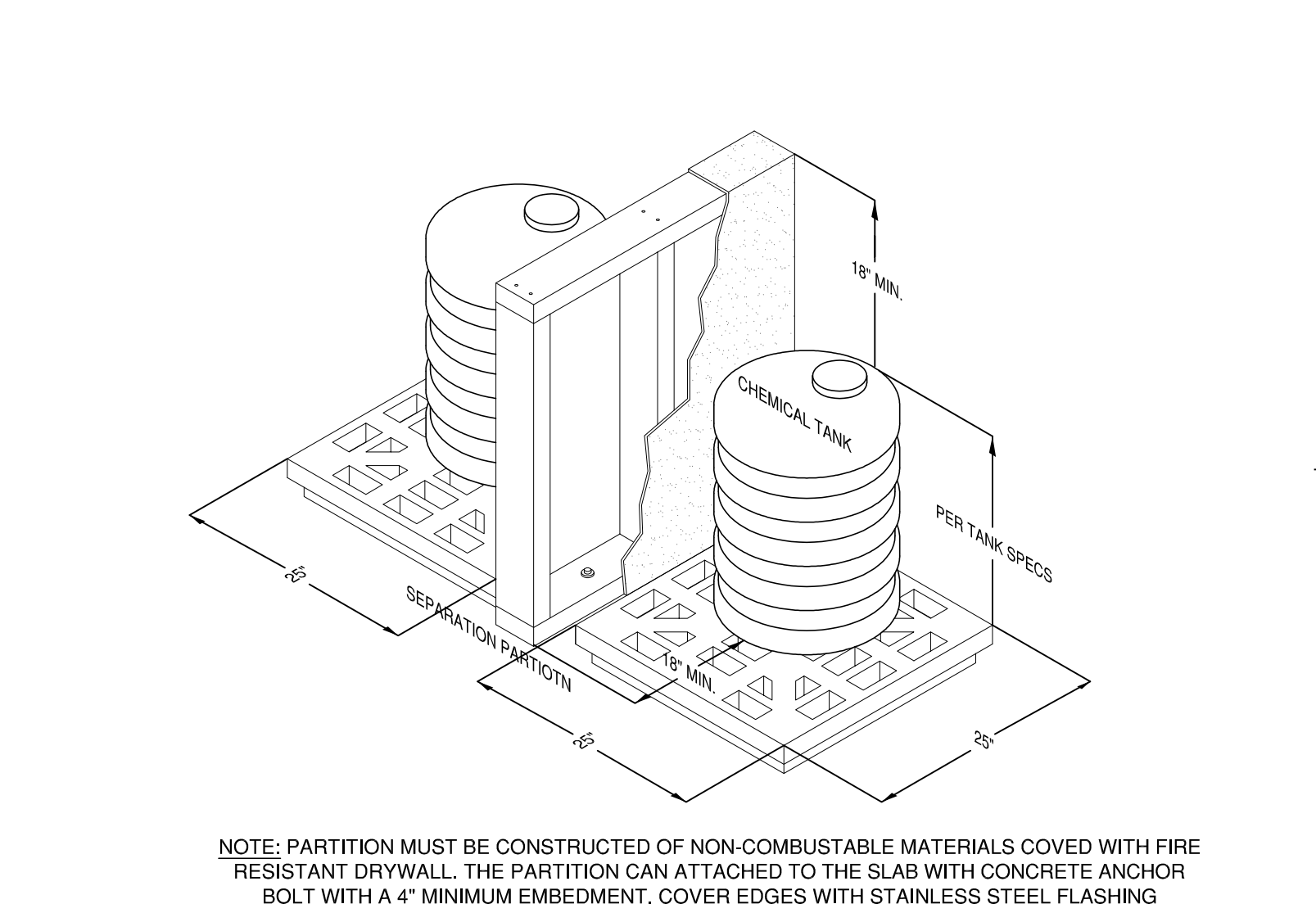
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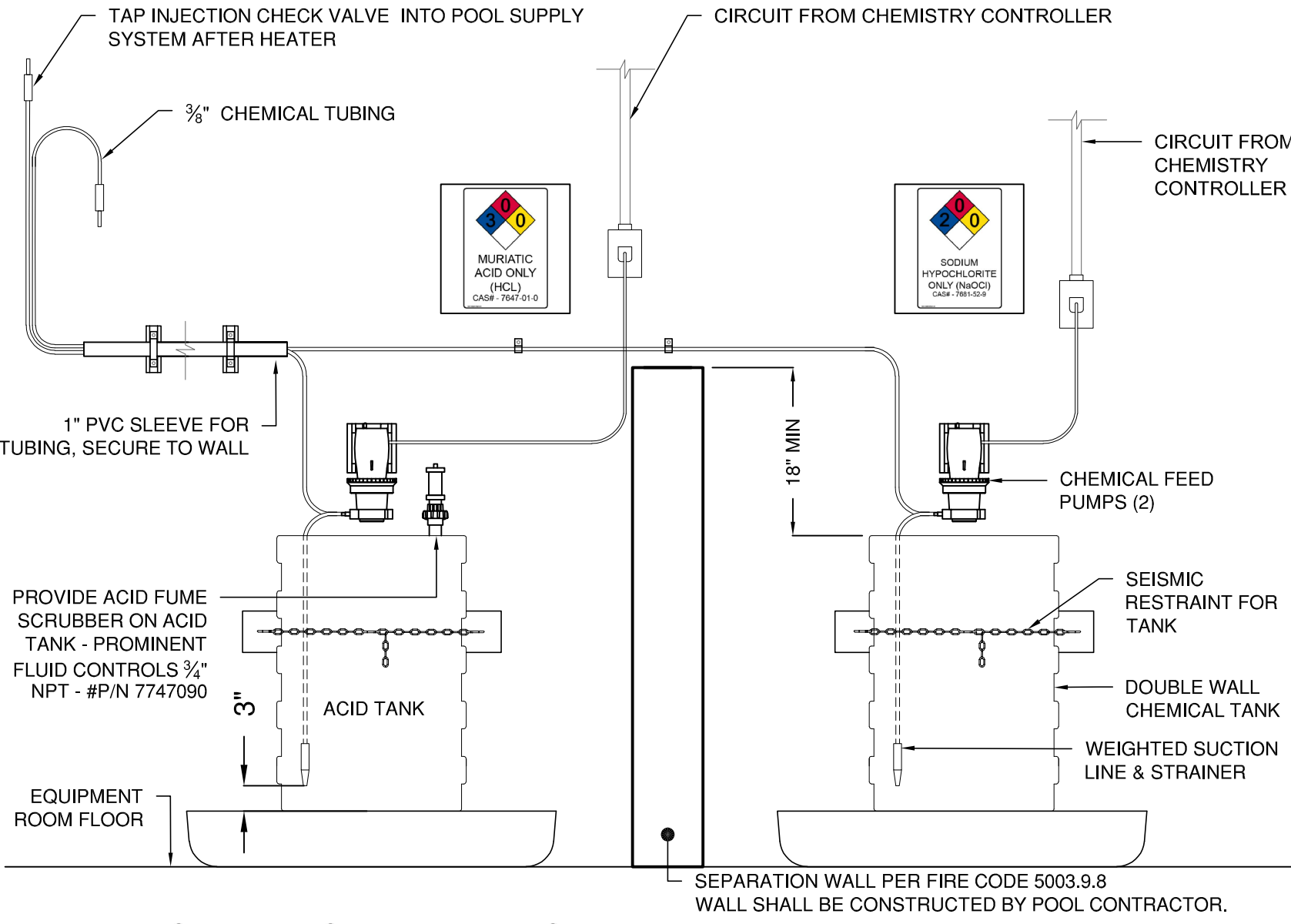




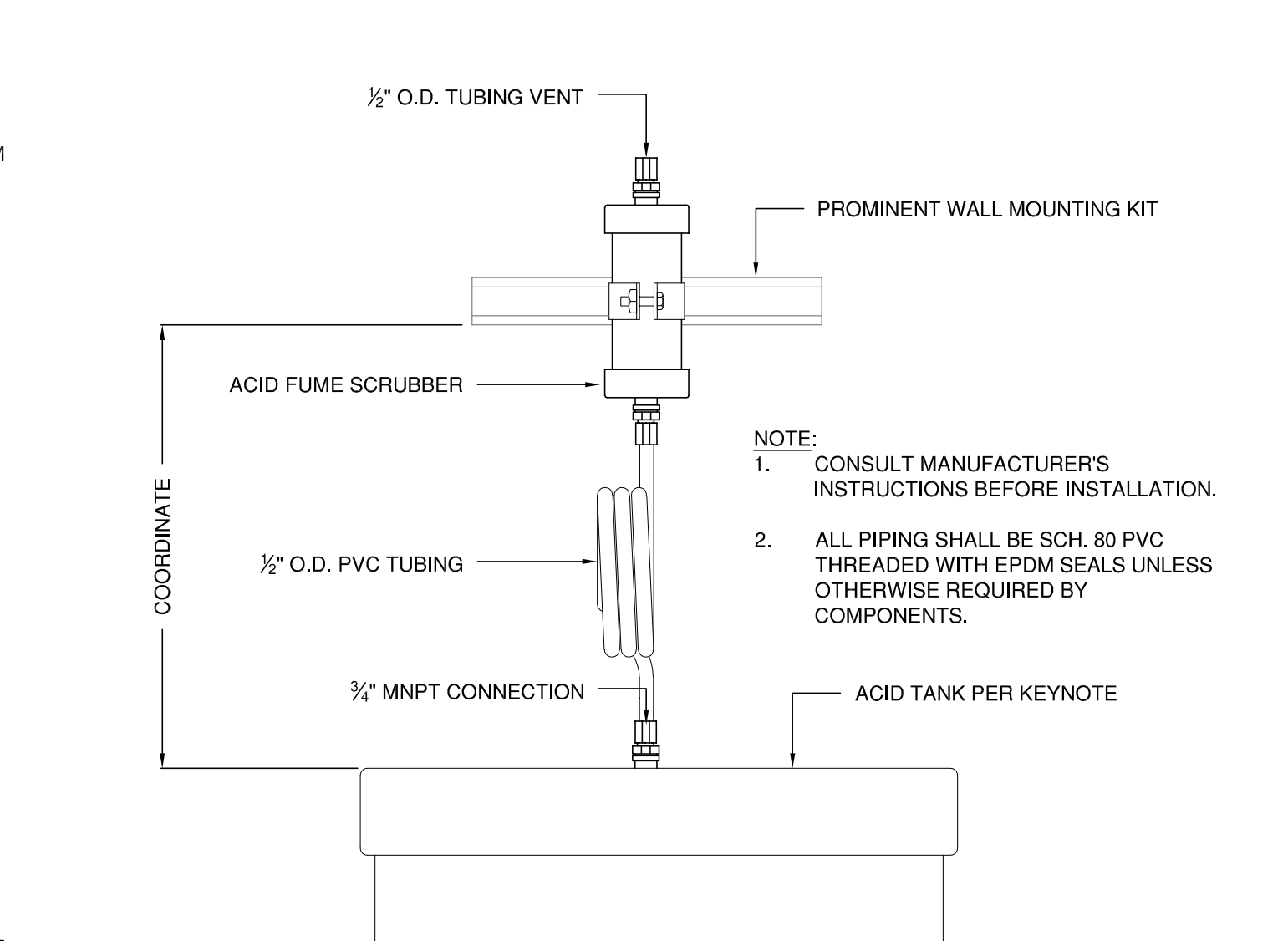
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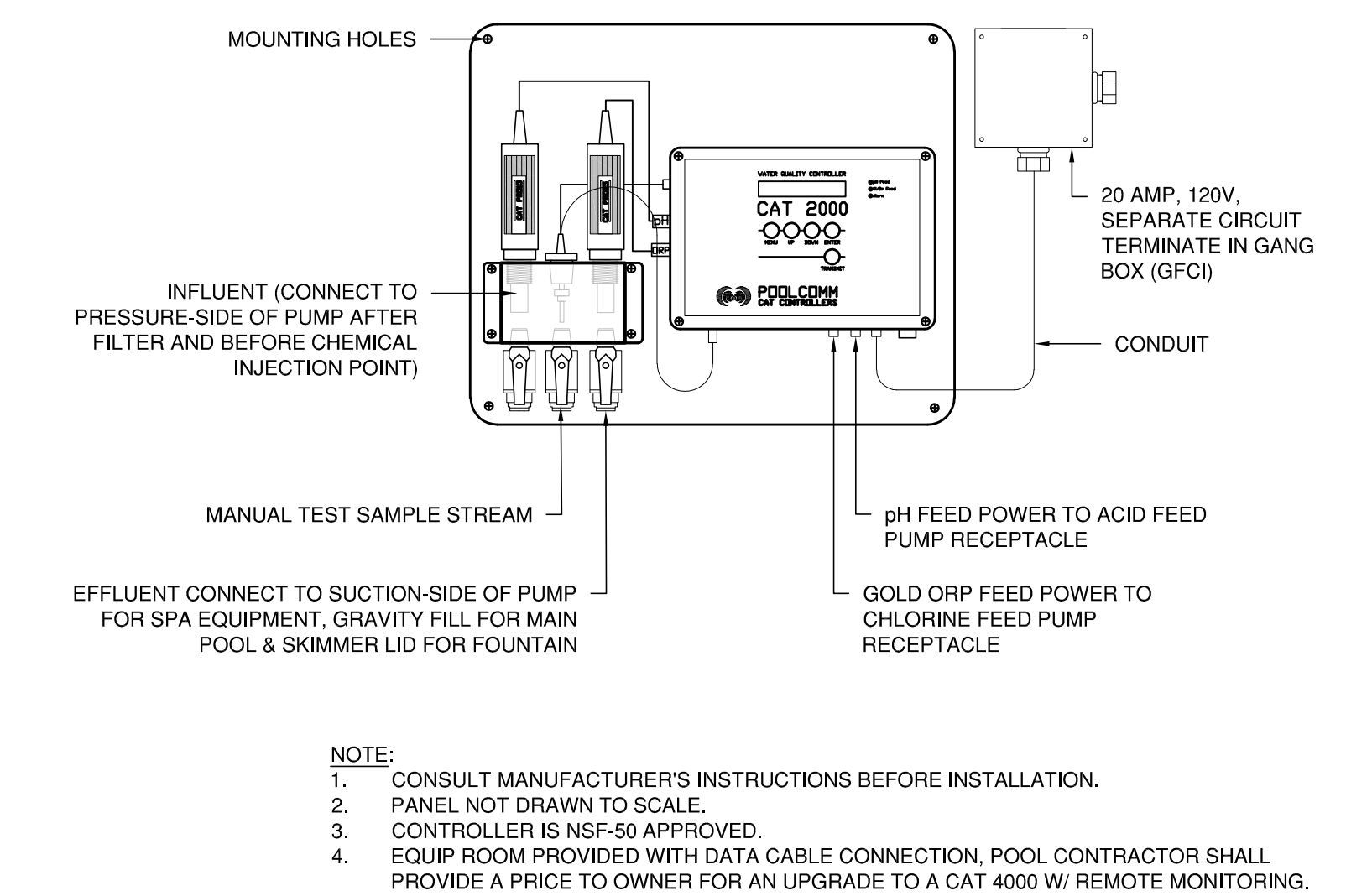
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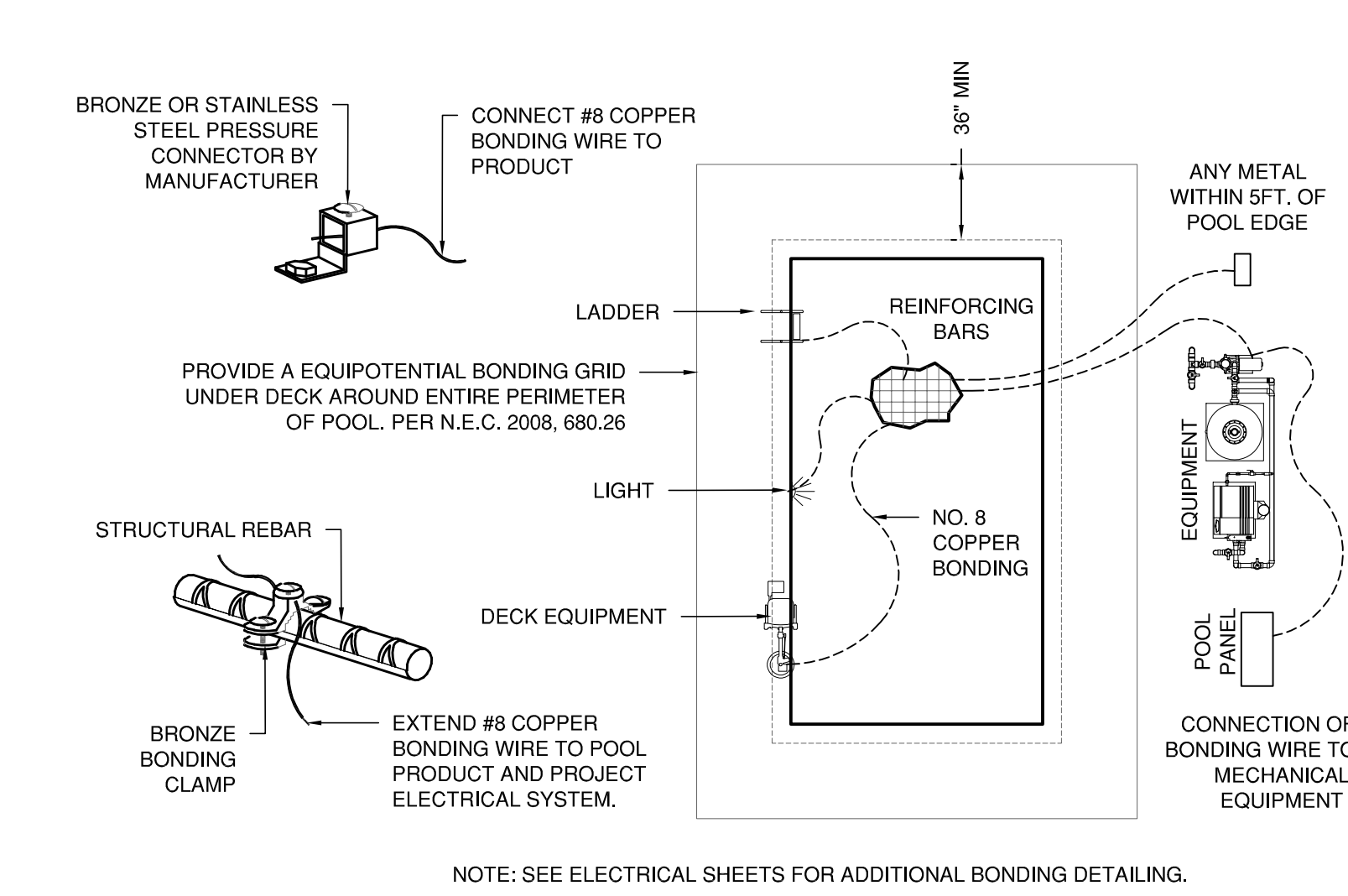
3 CHEMICAL TANKS  
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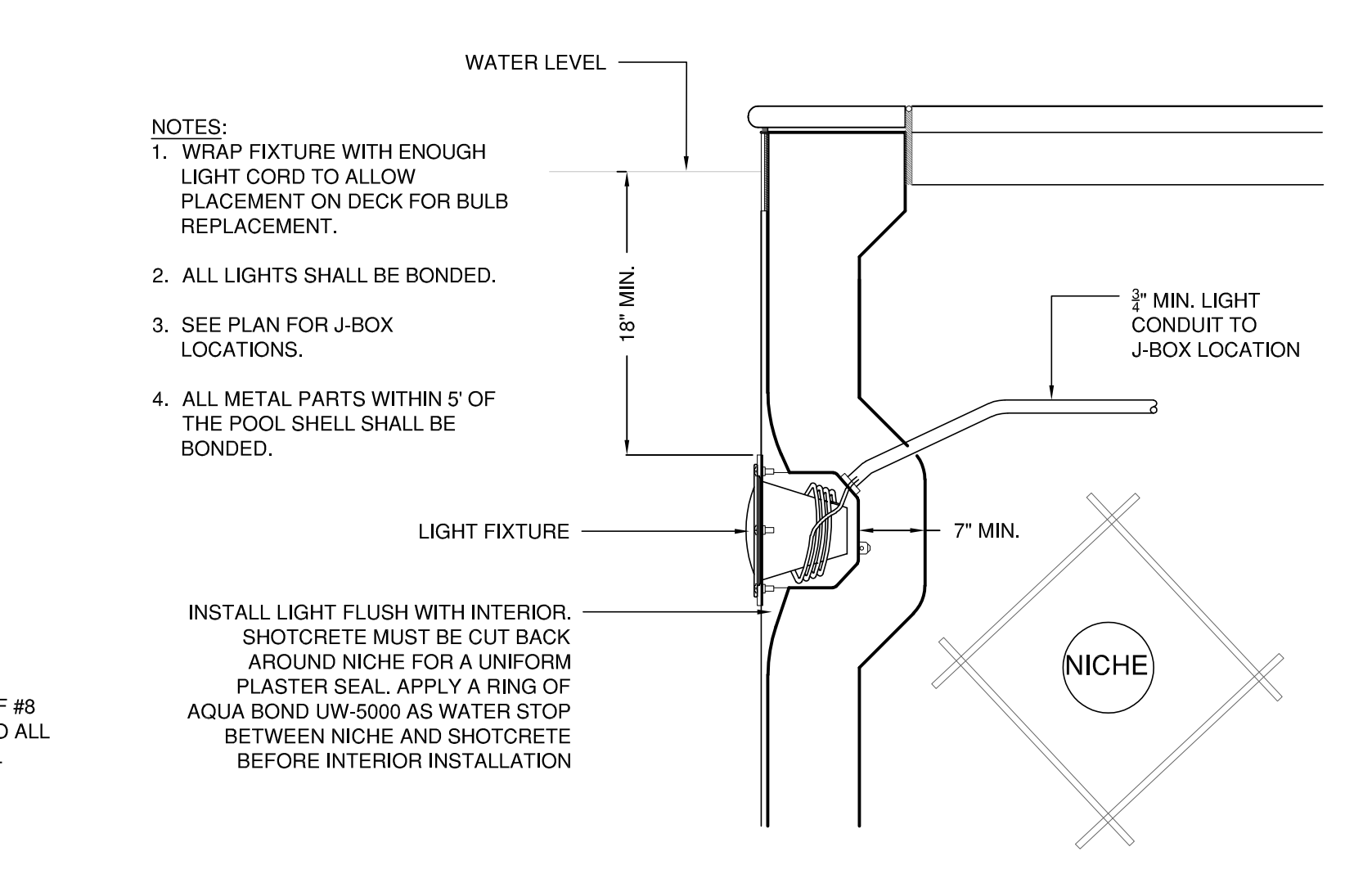
4 ACID SCRUBBER  
Scale: 3/4"=1'



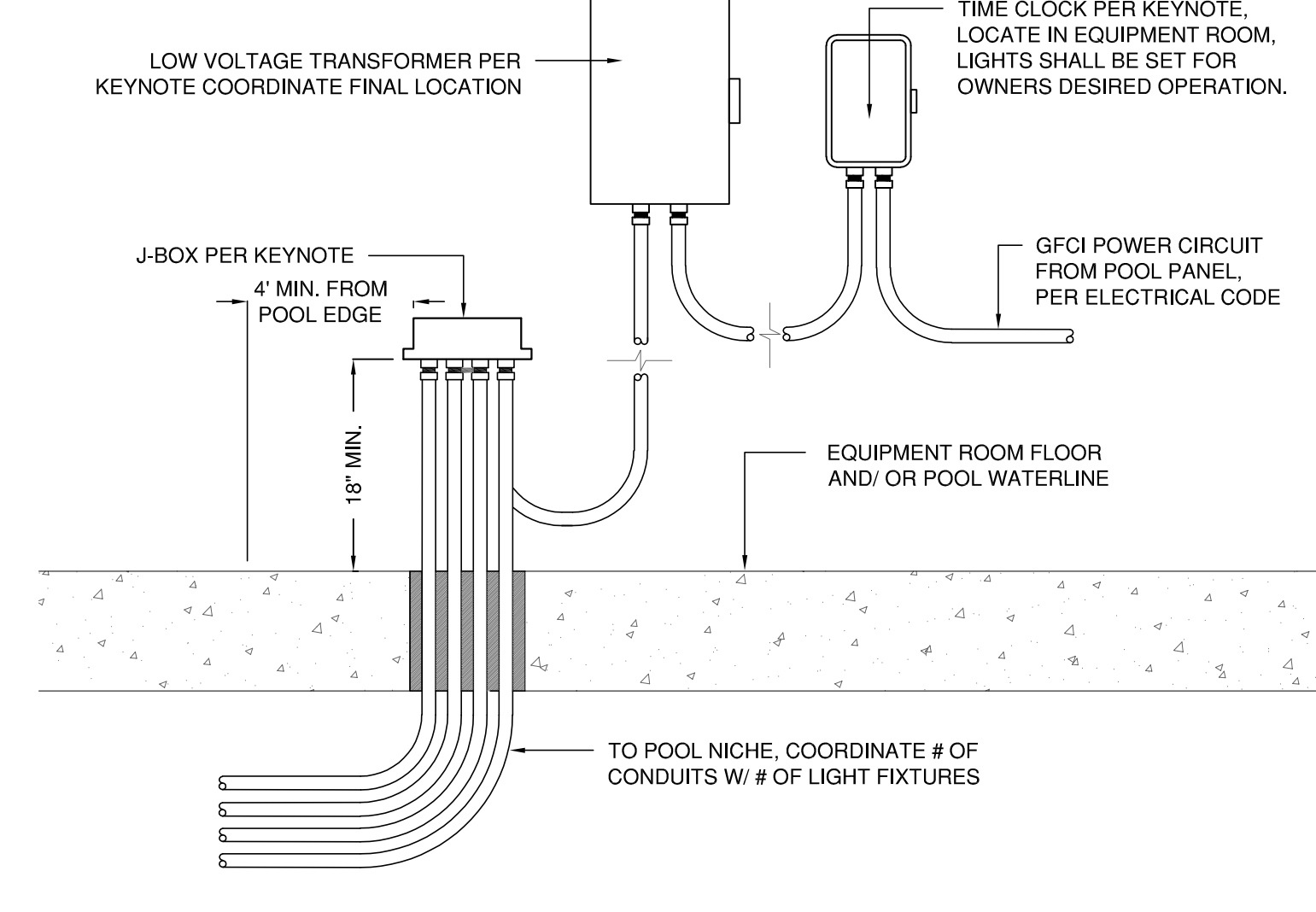
5 CHEM CONTROLLER  
Scale: 1/2"=1'



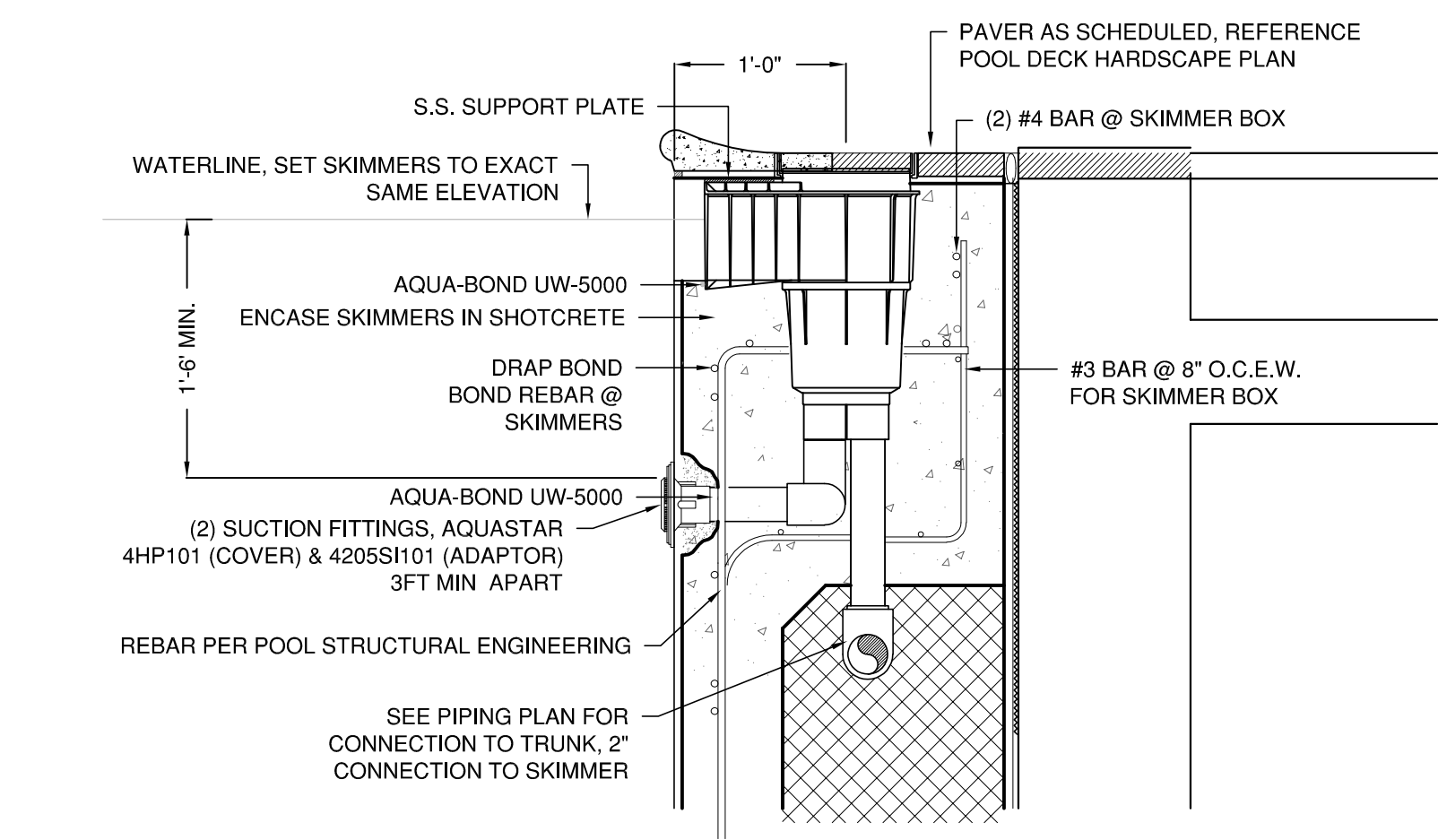
6 BONDING DETAIL  
Scale: NTS



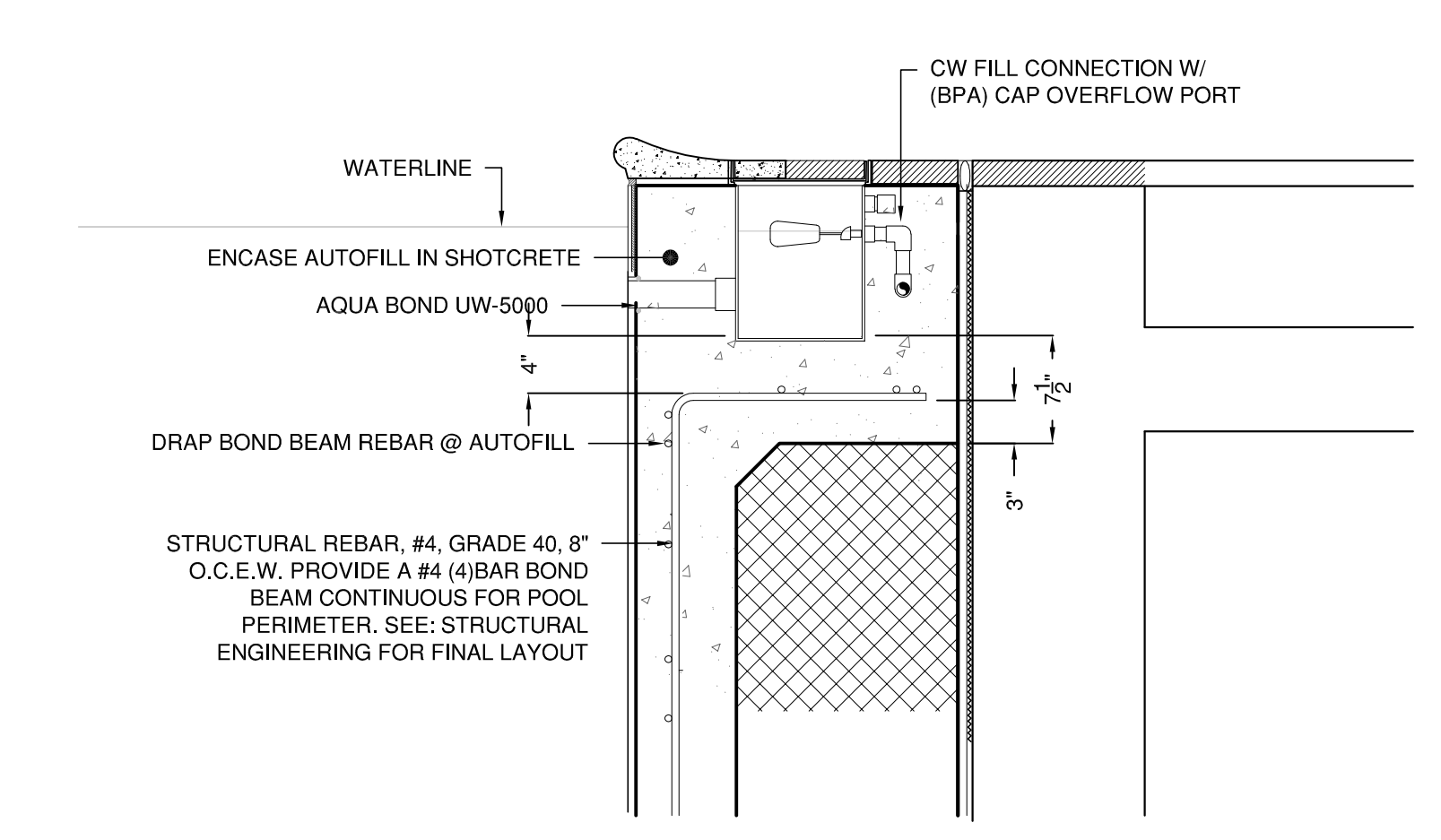
7 LIGHT DETAIL  
Scale: 1"=1'



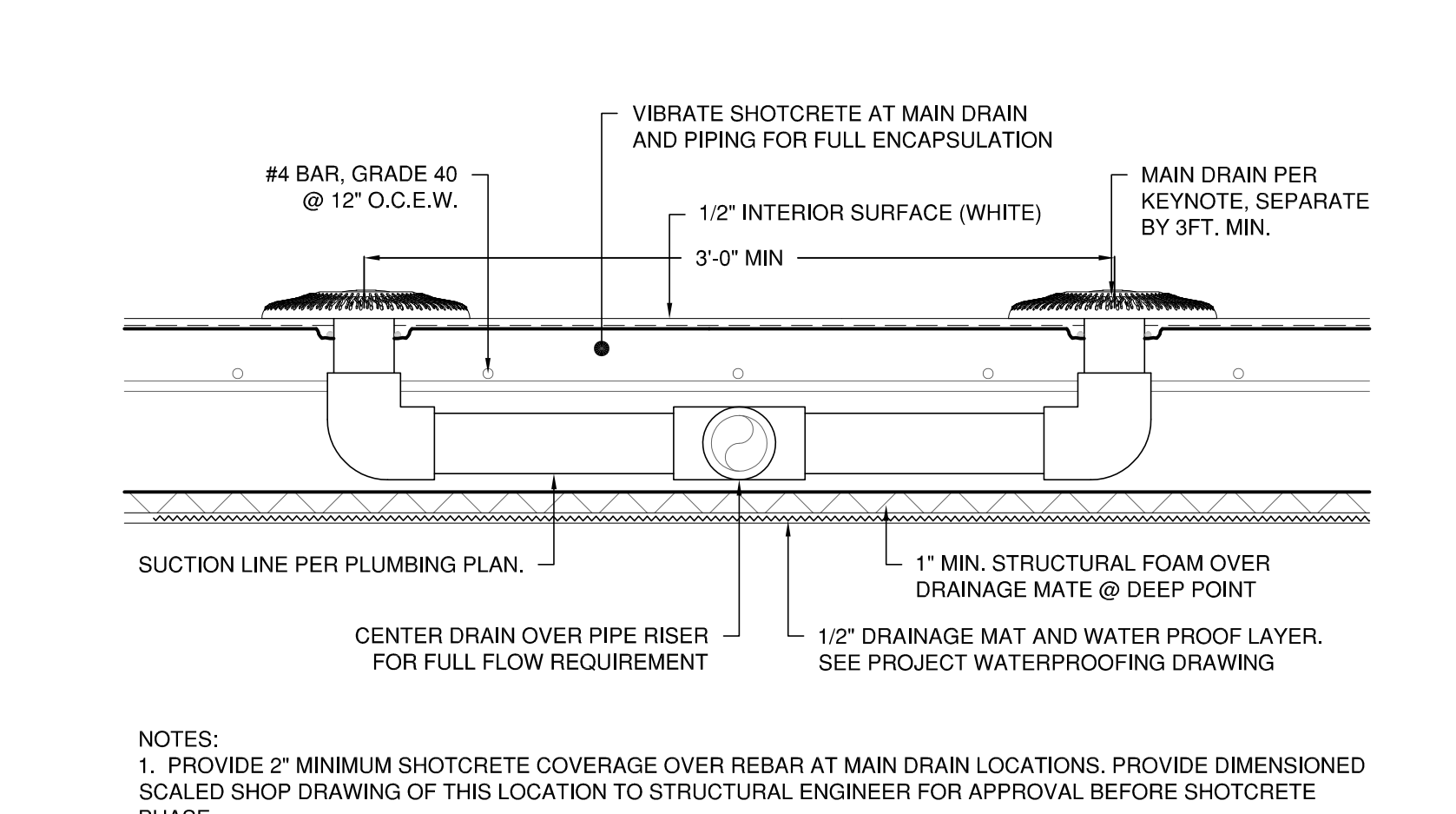
8 J-BOX/TIME CLOCK  
Scale: 3/4"=1'



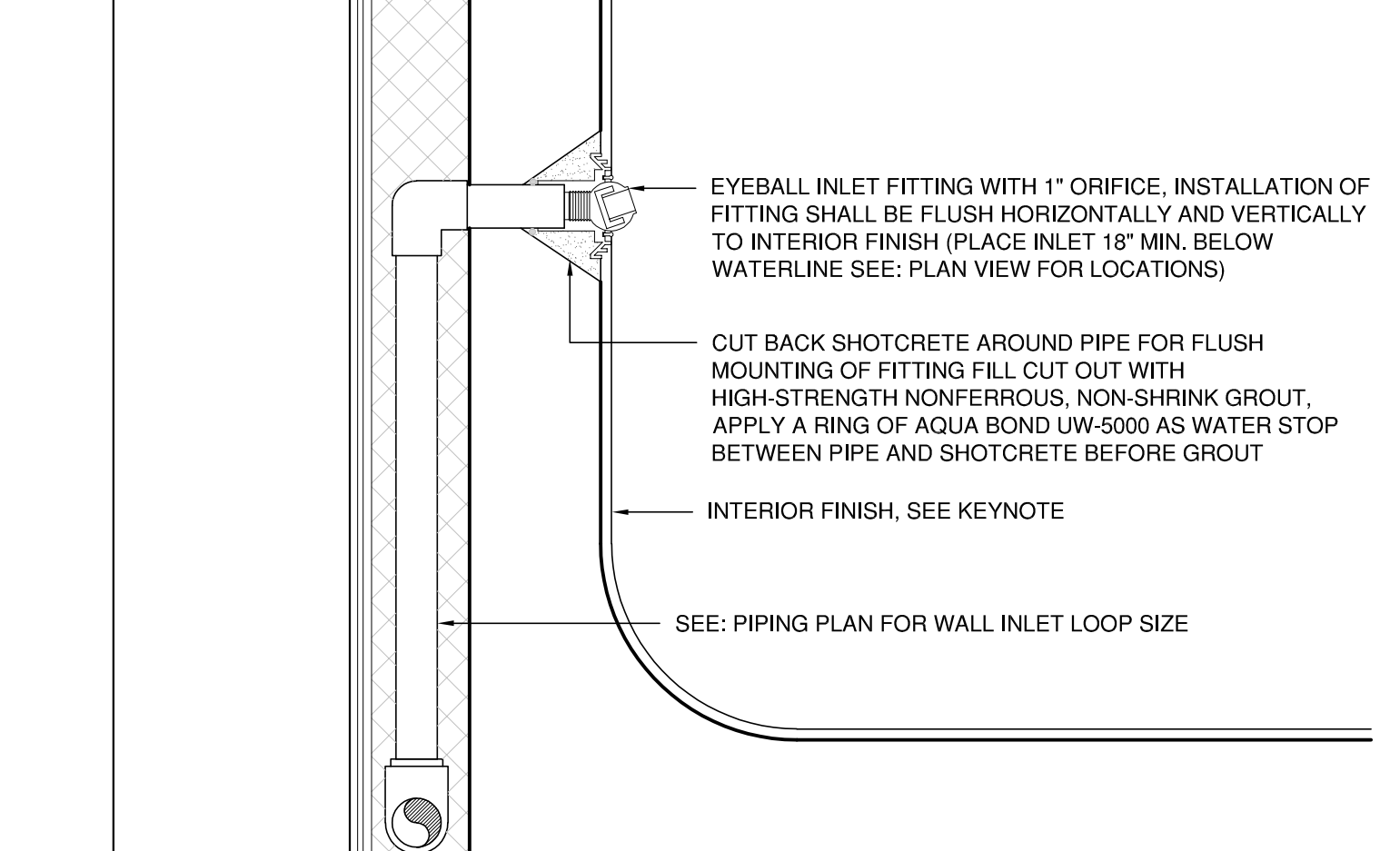
9 SKIMMER DETAIL  
Scale: 1"=1'



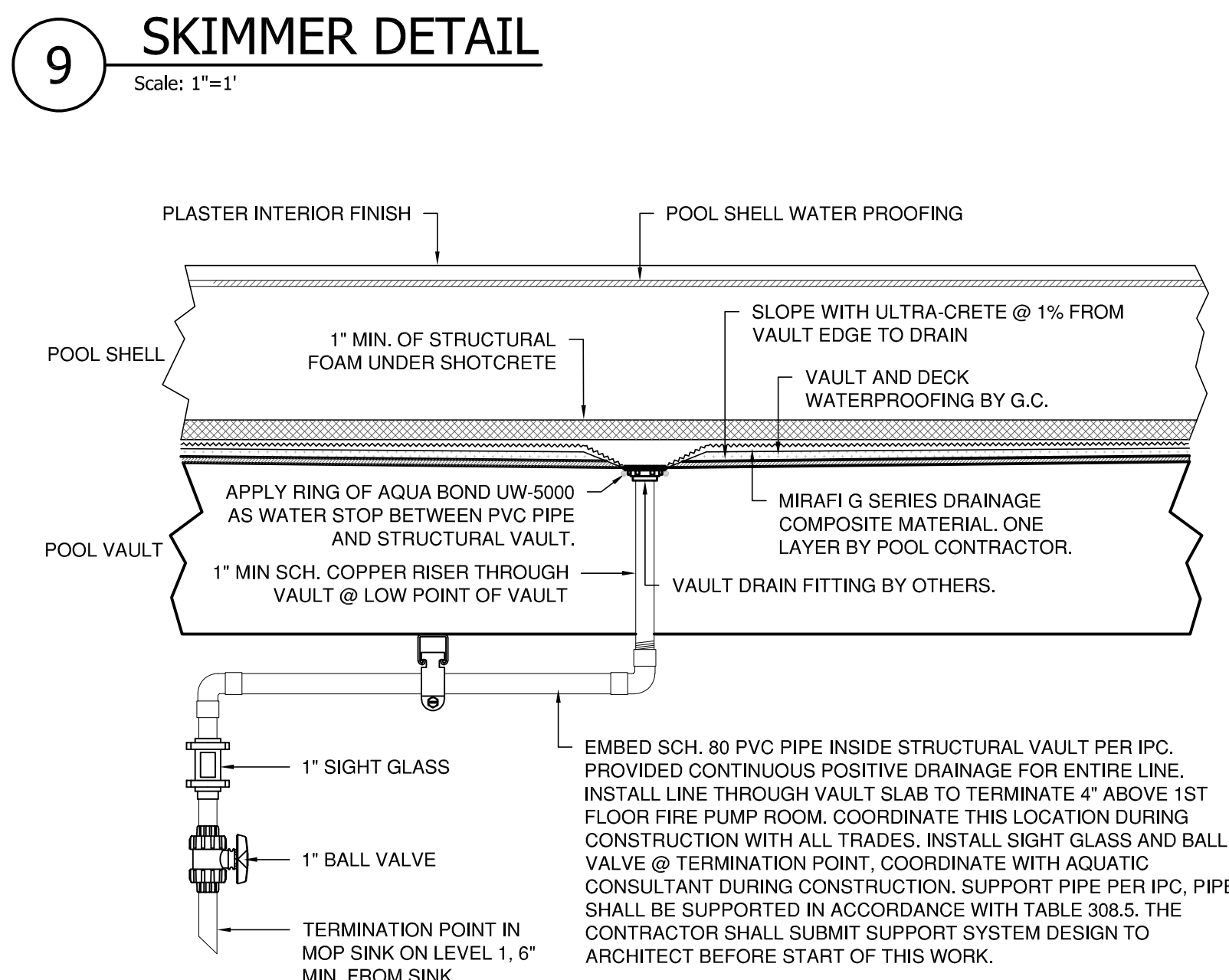
10 AUTOFILL  
Scale: 1"=1'



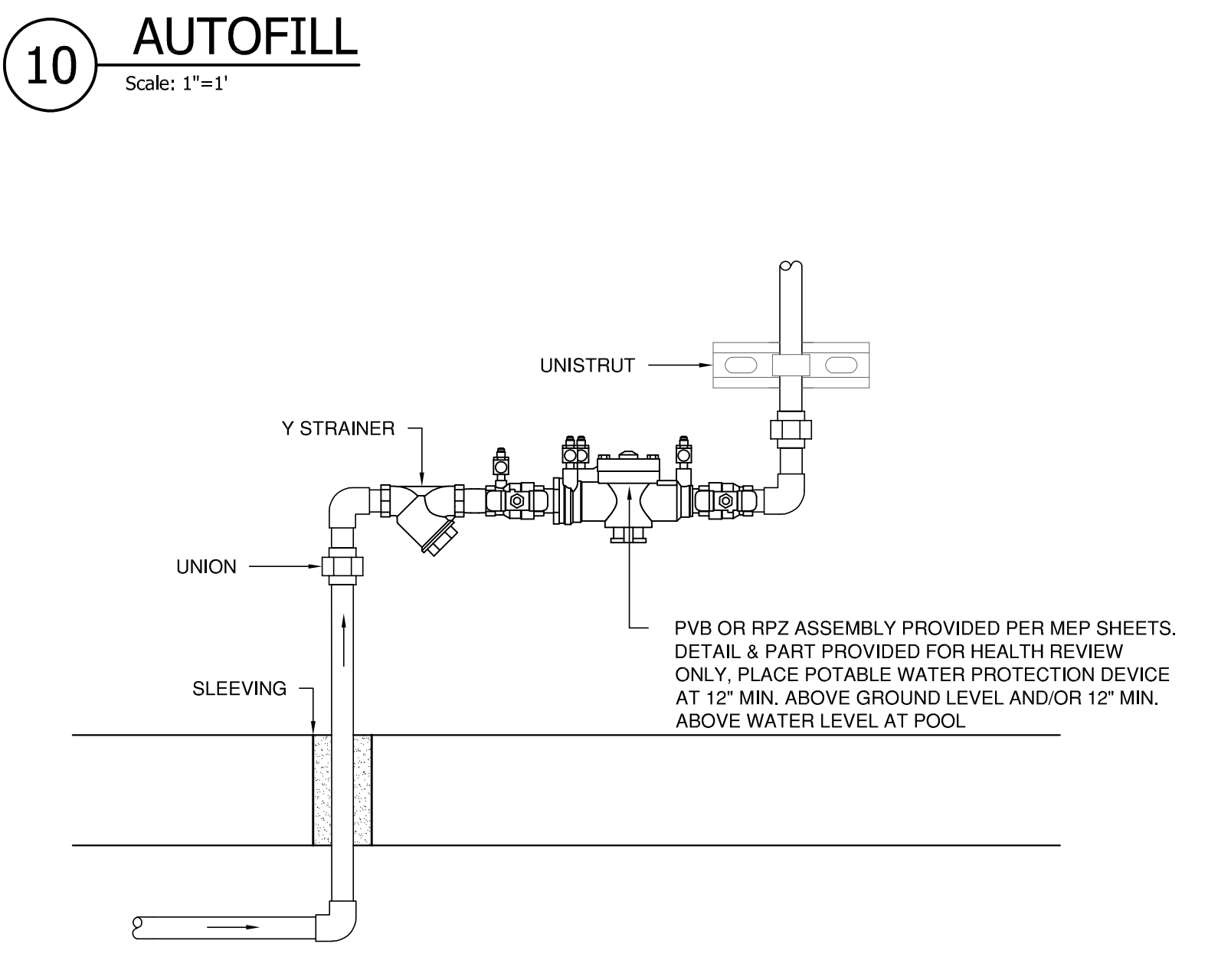
11 MAIN DRAIN  
Scale: 1 1/2"=1'



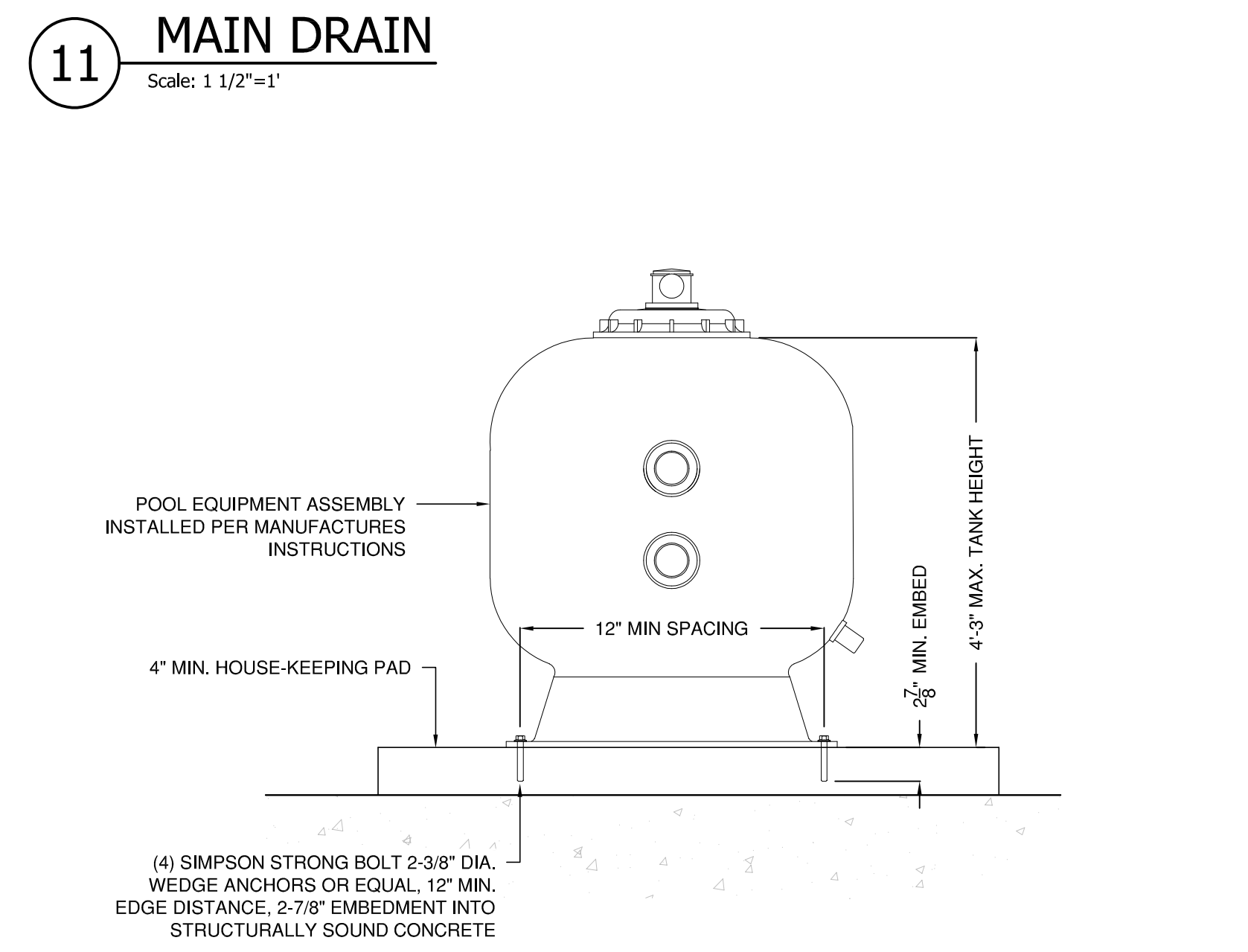
12 WALL RETURN  
Scale: 1 1/2"=1'



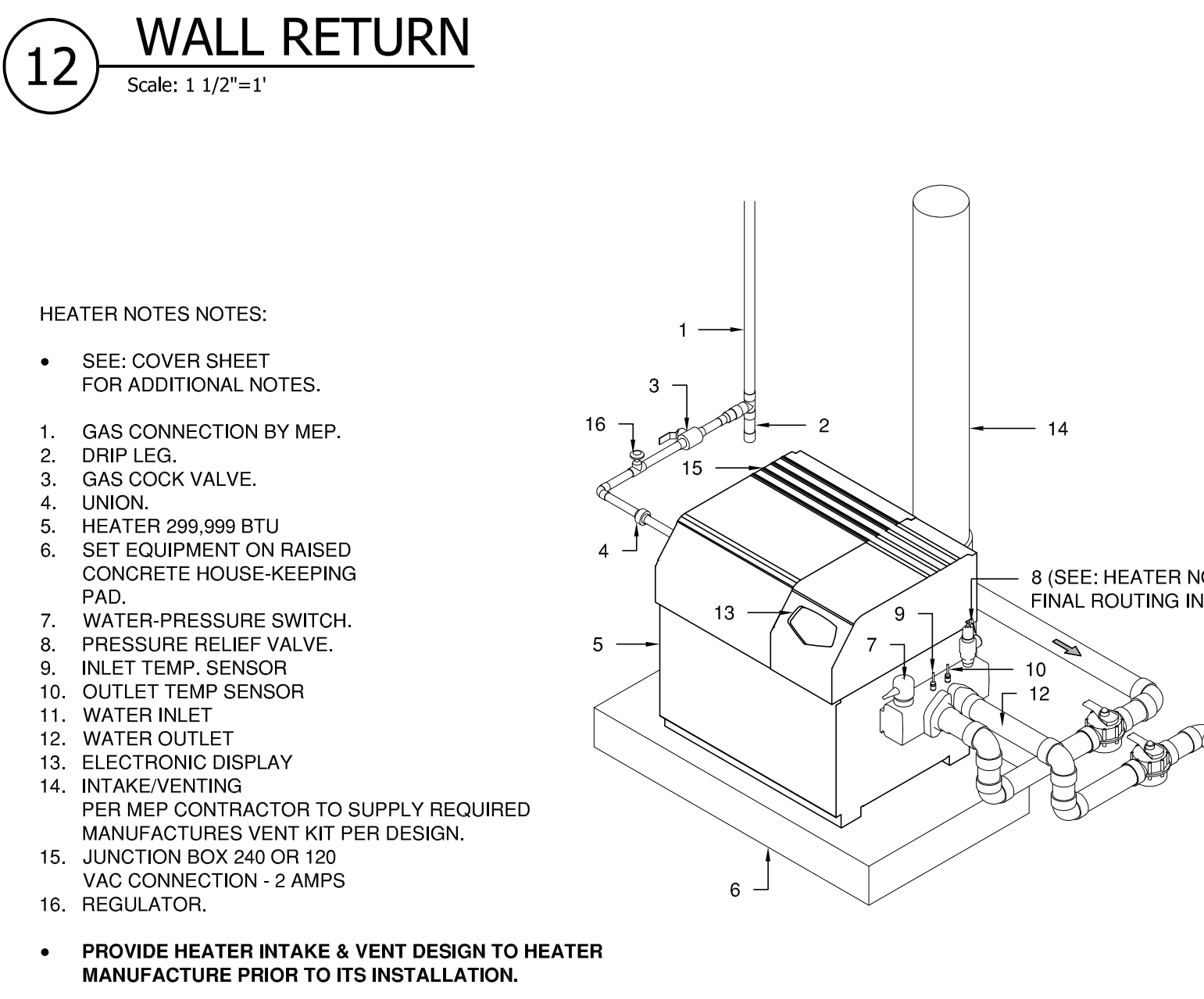
13 VAULT DRAIN (CORDINATION ONLY)  
Scale: 1 1/2"=1'



14 RPZ DETAIL  
Scale: 1"=1'



15 FILTER ANCHOR SECTION  
Scale: 1"=1'



16 HEATER SCHEMATIC  
Scale: NTS

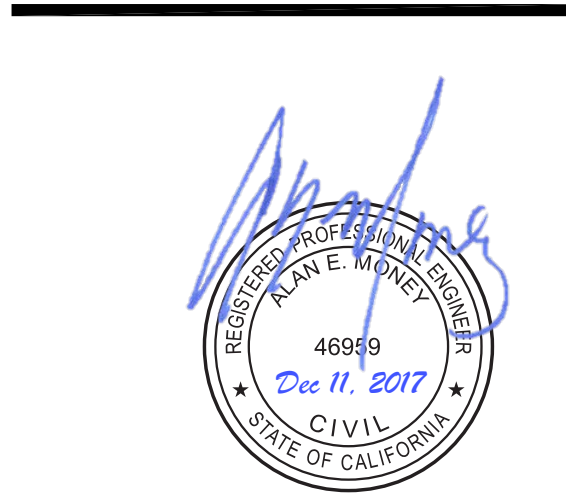
PROJECT NAME

**Residence**  
**Inn®**  
**Marriott.**

GADSDEN AVENUE  
LANCASTER, CA

OWNER:

INSITE REAL ESTATE  
DEVELOPMENT  
6265 VAREL AVENUE  
WOODLAND HILLS, CA 91367



NO. DATE ISSUES AND REVISIONS BY

12/18/17 PLAN CHECK

DATE  
SCALE

PROJECT NUMBER LA1628

COMPUTER FILE

PROJECT NAME

DESCRIPTION

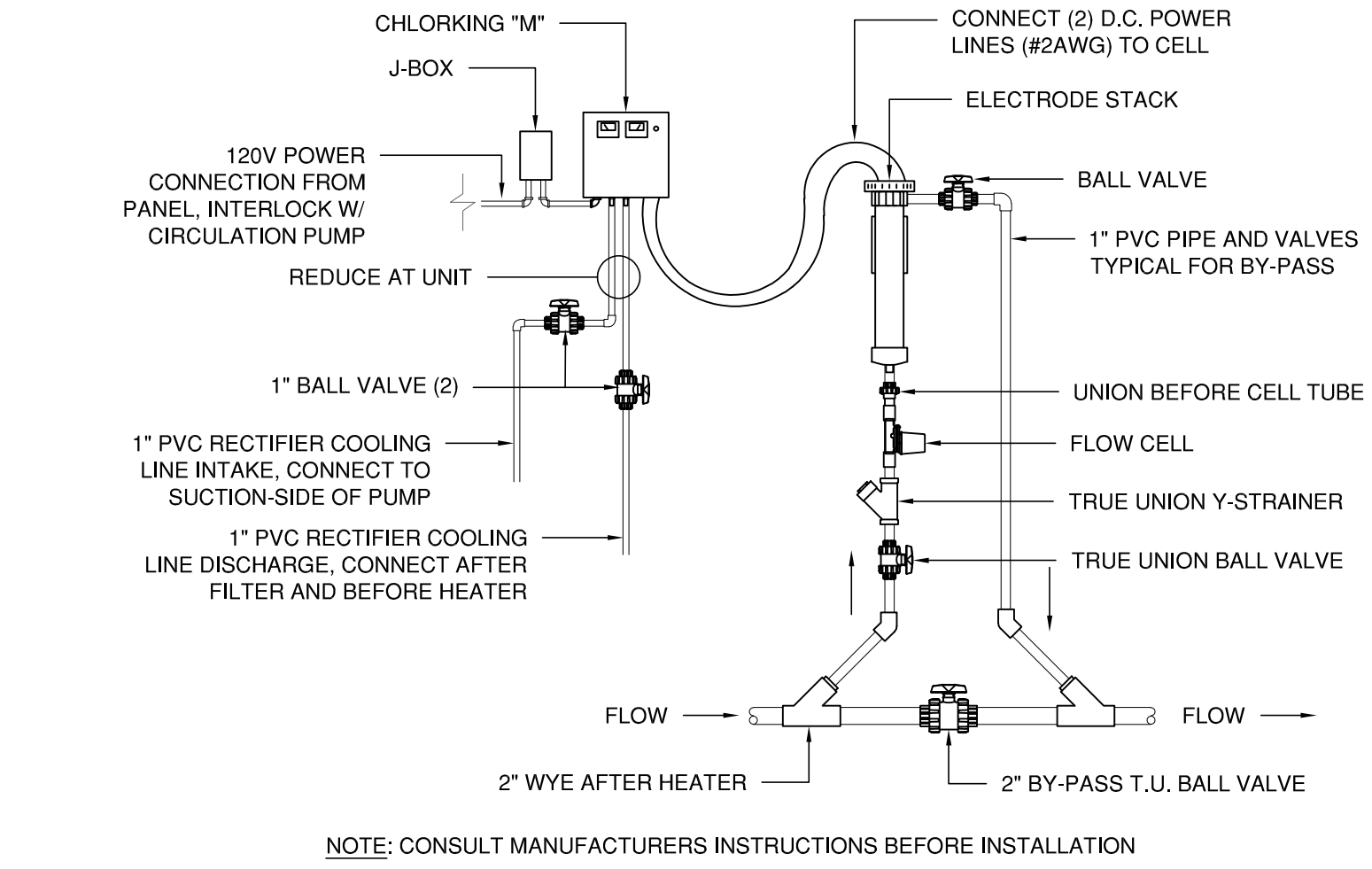
DETAILS

SHEET NUMBER

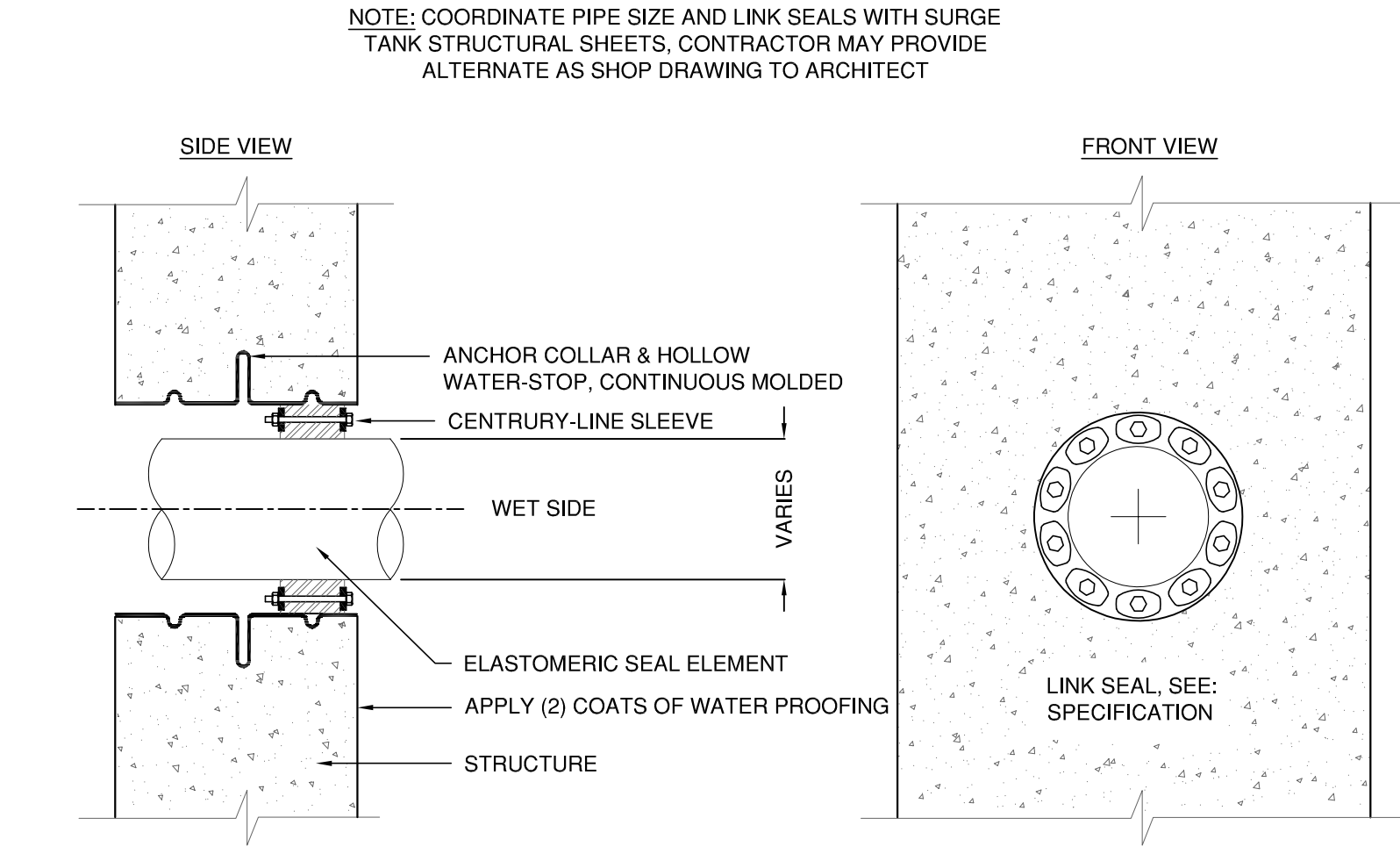
SP-502

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1 SALT CHLORINATOR SYSTEM (SCHEMATIC)  
Scale: NTS



2 LINK SEALS  
Scale: 1"=1'

PROJECT NAME

Residence  
Inn®  
Marriott.  
GADSDEN AVENUE  
LANCASTER, CA

OWNER:

INSITE REAL ESTATE  
DEVELOPMENT  
6265 VARIEL AVENUE  
WOODLAND HILLS, CA 91367



NO.	DATE	ISSUES AND REVISIONS	BY
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12/18/17	PLAN CHECK		
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DATE

SCALE

PROJECT NUMBER LA1628

COMPUTER FILE

PROJECT NAME

DESCRIPTION

DETAILS

SHEET NUMBER

SP-503

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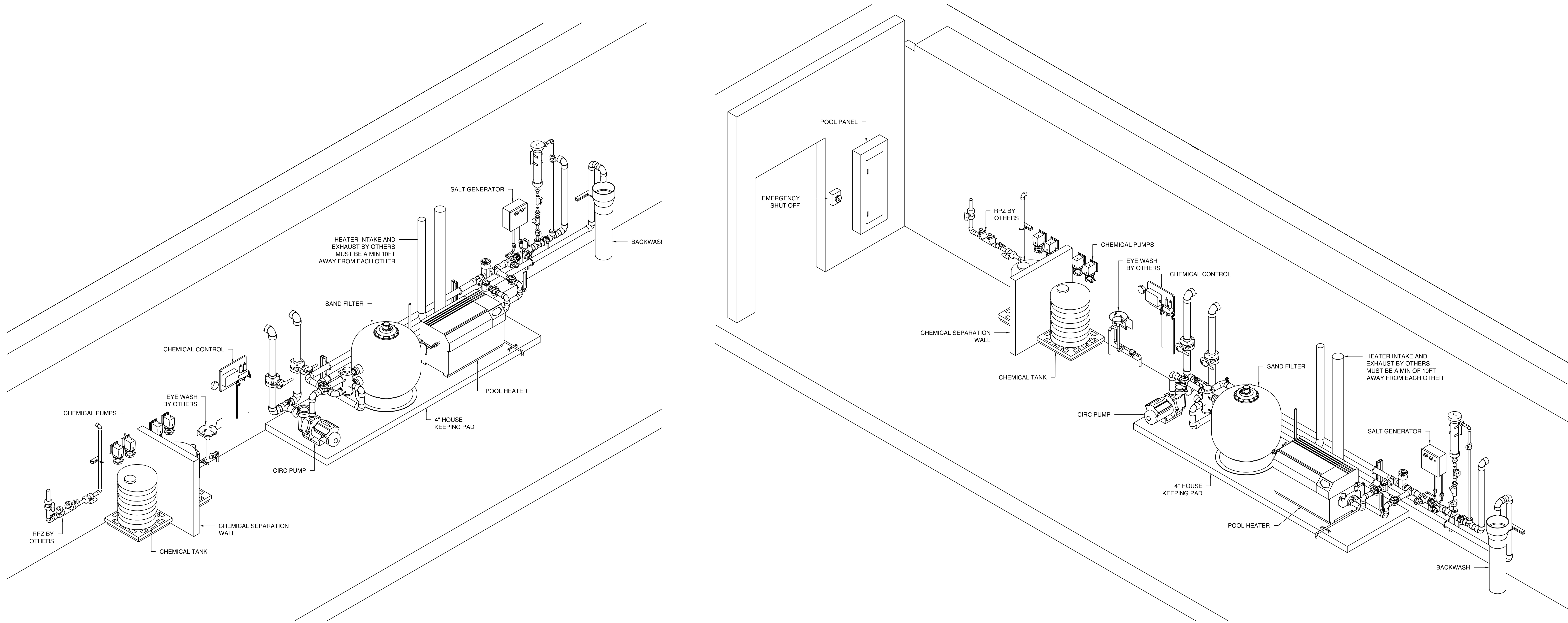
PROJECT NAME

Residence  
Inn®  
Marriott.

GADSDEN AVENUE  
LANCASTER, CA

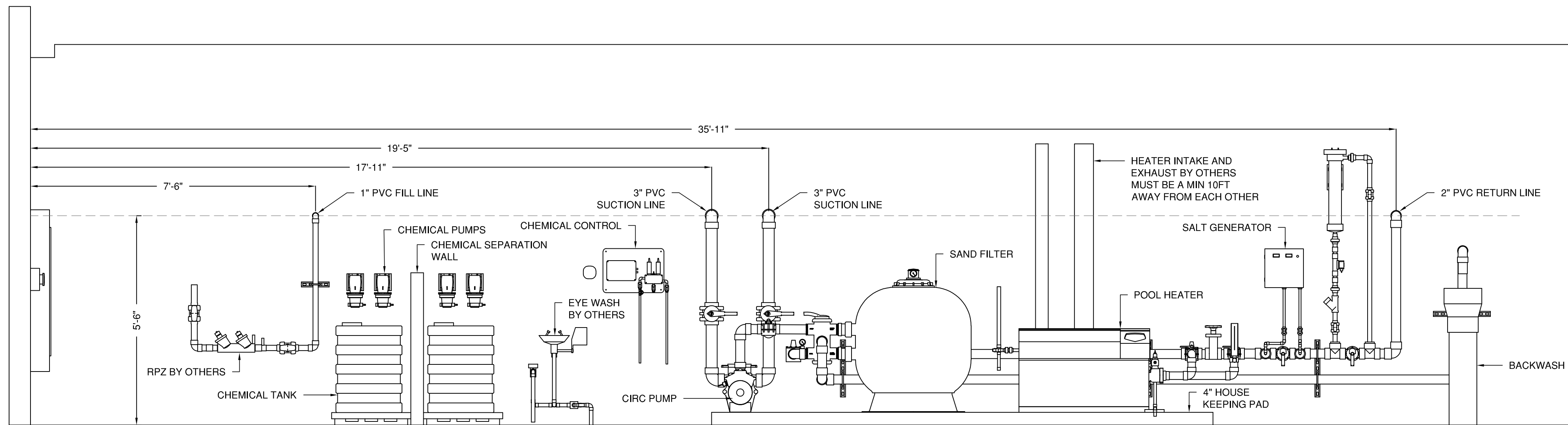
OWNER:

INSITE REAL ESTATE  
DEVELOPMENT  
6265 VAREL AVENUE  
WOODLAND HILLS, CA 91367



1 EQUIPMENT ISO  
Scale: NTS

2 EQUIPMENT ISO  
Scale: NTS



3 PIPE PENETRATIONS  
Scale: 1/2\"=1'



NO. DATE ISSUES AND REVISIONS BY

12/18/17 PLAN CHECK

DATE

SCALE

PROJECT NUMBER

LA1628

COMPUTER FILE

PROJECT NAME

DESCRIPTION

EQUIPMENT ISO

SHEET NUMBER

SP-901

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