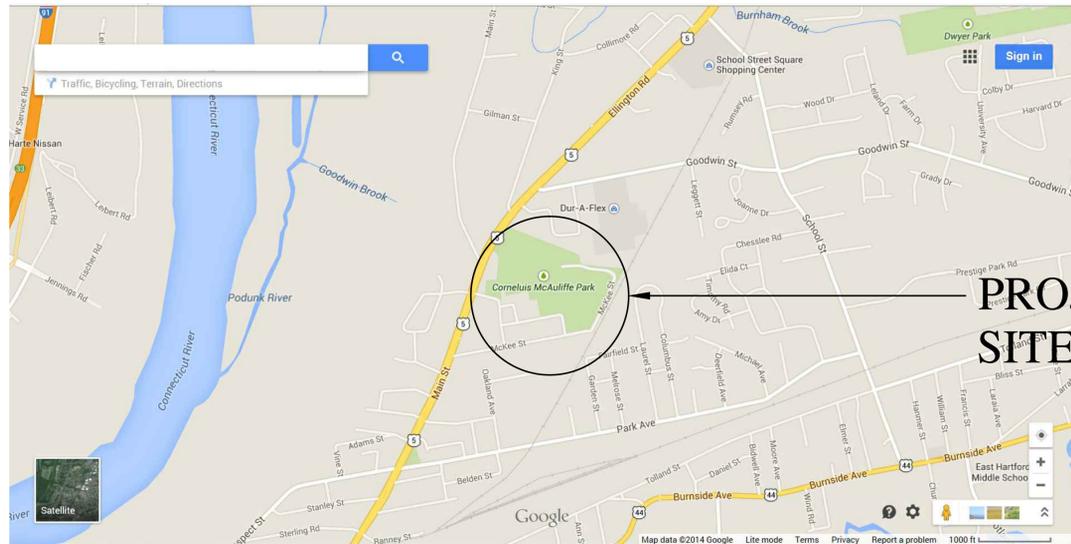


# Deck Replacement, Site and Pool Modifications to Drennan Pool at McAuliffe Park

May 08, 2015  
csa project 14-32

MCKEE STREET, EAST HARTFORD, CT 06108

ISSUED FOR:  
Bidding and Construction



PROJECT  
SITE

A.C.T.	ACOUSTICAL CEILING TILE	F.D.	FLOOR DRAIN	N.I.C.	NOT IN CONTRACT
ALUM.	ALUMINUM	F.E.	FIRE EXTINGUISHER	NO.	NUMBER
BLDG.	BUILDING	F.F.	FINISH	N.T.S.	NOT TO SCALE
C.T.	CERAMIC TILE	FLR.	FLOOR	O.C.	ON CENTER
C.J.	CONTROL JOINT	FN.	FOUNDATION	OPNG.	OPENING
C.L.	CENTER LINE	FTG.	FOOTING	OPP.	OPPOSITE
CLG.	CEILING	GWB.	GYPSPUM WALLBOARD	R.D.	ROOF DRAIN
COL.	COLUMN	GALV.	GALVANIZED	RE.	REFER TO
CONC.	CONCRETE	GL.	GLASS	RENF.	REINFORCING
CONT.	CONTINUOUS	GLZ.	GLAZING	REQ'D	REQUIRED
CORR.	CORRIDOR	HGT.	HEIGHT	R.W.L.	RAIN WATER LEADER
D.F.	DRINKING FOUNTAIN	H.M.	HOLLOW METAL	RM.	ROOM
DTL.	DETAIL	HDWR.	HARDWARE	R.O.	ROUGH OPENING
DWSG.	DRAWING	INSUL.	INSULATION	R.M.	ROOM
DN.	DOWN	JAN.	JANITOR	R.O.	ROUGH OPENING
DM.	DIMENSION	JT.	JOINT	STL.	STEEL
E.I.F.S.	EXT. INSUL. FACING SYSTEM	MAS.	MASONRY	STOR.	STRUCTURAL
E.J.	EXPANSION JOINT	MAX.	MAXIMUM	SUSP.	SUSPENDED
ELEV.	ELEVATION (ELEVATOR)	MECH.	MECHANICAL	TYP.	TYPICAL
EQUIP.	EQUIPMENT	MFG.	MANUFACTURER	U.O.N.	UNLESS OTHERWISE NOTED
EXIST.	EXISTING	MIN.	MINIMUM	V.C.T.	VINYL COMPOSITE TILE
EXP.	EXPANSION	MIR.	MIRROR	V.I.F.	VERIFY IN FIELD
EXT.	EXTERIOR	MISC.	MISCELLANEOUS	W.	WITH

## Abbreviations

NOTE:  
USE OF THE ABBREVIATIONS SHOWN ARE NOT NECESSARILY REQUIRED OF THIS PROJECT,  
BUT ARE IMPLEMENTED THROUGHOUT THESE DRAWINGS ON AN AS NEEDED BASIS.

1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH APPLICABLE STATE OF CONNECTICUT BUILDING AND FIRE CODES AND SAFETY CODES. BEFORE WORK BEGINS CONTRACTOR IS TO CONTACT CALL BEFORE YOU DIG AT 1-800-422-4455 TO LOCATE ALL UNDERGROUND UTILITIES.
2. WORK PERMITS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL SECURE ALL REQUIRED LOCAL AND STATE OF CONNECTICUT PERMITS PRIOR TO COMMENCING WORK. ALL COSTS OF SECURING PERMITS SHALL BE PAID BY THE OWNER.
3. ALL MATERIALS AND EQUIPMENT THAT WILL BE USED IN THE CONSTRUCTION OF THIS PROJECT ARE SUBJECT TO THE APPROVAL OF THE OWNER. ALL MATERIALS AND EQUIPMENT REQUIRED BY NOTES OR SPECIFICATIONS SHALL BE SUBMITTED IN THE FORM OF SAMPLES AND SHOP DRAWINGS FOR APPROVAL BY ARCHITECT. WHERE COLOR SELECTIONS ARE MADE, COMPLETE SAMPLES SHALL BE FURNISHED TO THE ARCHITECT.
4. ALL EXISTING OR NEW CONSTRUCTION DISTURBED OR DAMAGED DURING THE COURSE OF THIS WORK SHALL BE RESTORED TO MATCH EXISTING ADJACENT SURFACES OR ORIGINAL CONSTRUCTION.
5. PRECAUTION MUST BE EXERCISED AT ALL TIMES FOR THE PROTECTION OF PERSONS AND PROPERTY. THE SAFETY PROVISIONS OF APPLICABLE LAWS AND CONSTRUCTION CODES MUST BE OBSERVED. CONTRACTOR SHALL TAKE OR CAUSE TO BE TAKEN SUCH ADDITIONAL SAFETY AND HEALTH MEASURES AS ARE REASONABLY NECESSARY. MACHINERY, EQUIPMENT AND OTHER HAZARDS GUARDED IN ACCORDANCE WITH SAFETY PROVISIONS OF THE "MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION" PUBLISHED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA, TO THE EXTENT THAT SUCH PROVISIONS ARE NOT IN CONTRADICTION OF APPLICABLE LAWS.
6. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT AND PRESERVE IN OPERATIONAL CONDITION ALL UTILITIES TRAVERSING THE WORK AREA. DAMAGE TO ANY UTILITY DUE TO WORK UNDER THIS CONTRACT SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AT NO ADDITION COST TO THE OWNER. UTILITY SHUT DOWNS MUST BE COORDINATED WITH THE OWNER.
7. EACH BIDDER WILL BE HELD TO HAVE EXAMINED THE PREMISES AND SATISFIED HIMSELF WITH THE CONDITIONS WHICH WOULD IN ANY MANNER AFFECT THE WORK UNDER THE CONTRACT AND NO LATER CLAIMS FOR EXTRA COMPENSATION FOR LABOR, MATERIALS AND EQUIPMENT WHICH COULD HAVE BEEN FORESEEN BY SUCH EXAMINATION WILL BE RECOGNIZED.
8. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASUREMENTS FOR HIS WORK AT THE SITE AND SHALL VERIFY ALL MEASUREMENTS AND DIMENSION GIVEN ON THE DRAWINGS. DO NOT SCALE DRAWINGS.
9. DO NOT PROCEED WITH CHANGE IN SCOPE OF WORK WITHOUT WRITTEN APPROVAL FROM OWNER OR ARCHITECT.
10. ALL DEMOLITION SHOWN ON THESE DRAWINGS IS DIAGRAMMATIC. CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND RELOCATION WORK NECESSARY TO PROPERLY COMPLETE THE PROJECT, REGARDLESS IF DEMOLITION WORK IS SHOWN OR NOT ON DRAWINGS.
11. THE CONTRACTOR IS RESPONSIBLE FOR LEGAL DISPOSAL OF ALL CONSTRUCTION WASTE AND REMOVED ELEMENTS, UNLESS NOTED OTHERWISE ON DRAWINGS. DEBRIS SHALL BE DISPOSED OF ON A DAILY BASIS.
12. THE CONTRACTOR SHALL PROVIDE ALL STRUCTURAL SHORING, BRACING AND SHEATHING AS REQUIRED FOR SAFETY AND FOR PROPER EXECUTION OF WORK AND HAVE SAME REMOVED WHEN WORK IS COMPLETED.
13. THE OWNER RETAINS THE RIGHT TO SALVAGE ANY DEMOLISHED OR CONTRACTOR REMOVED MATERIAL(S). CONTACT OWNER BEFORE REMOVAL FROM SITE
14. ALL MECHANICAL, ELECTRICAL, PLUMBING and FIRE PROTECTION WORK, BY OTHERS, NOT IN THIS CONTRACT.

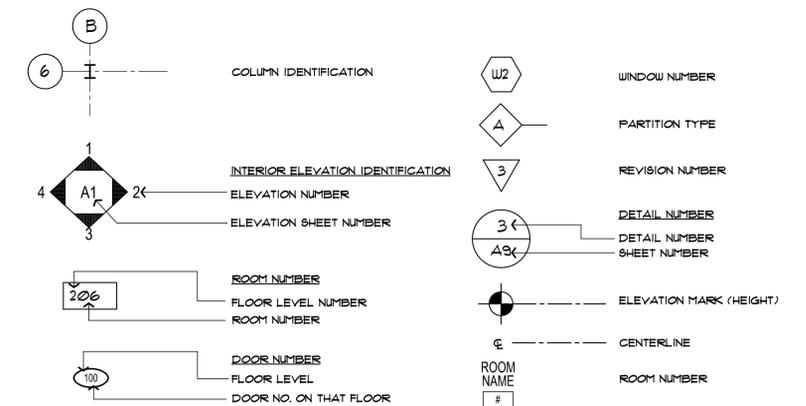
## General Notes

## DRAWING LIST

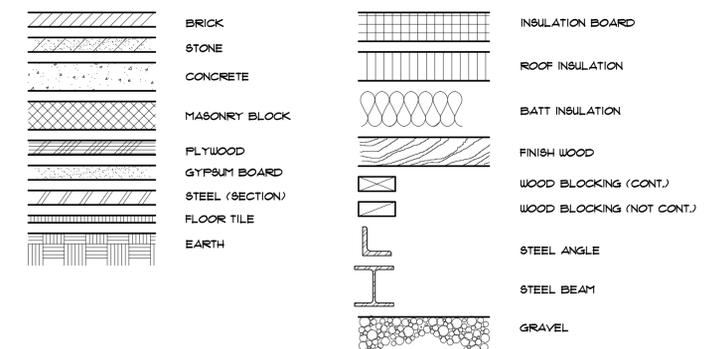
### COVER

- S-1.0 Structural Details and Specifications
- S-1.1 Structural Specifications
- A-1.0 Demolition Deck Plan
- A-1.1 New Deck Plan and Section
- A-1.2 Deck and Fence Details
- SP1.0 Pool Piping Plan and Details
- SP2.0 Surge Tank Plan, Sections and Details

## SYMBOLS LEGEND



## MATERIALS LEGEND



## Typical Symbols, Materials and Linetypes

NOTE:  
USE OF THE MATERIALS, SYMBOLS and LINETYPES SHOWN ARE NOT NECESSARILY REQUIRED OF THIS PROJECT, BUT  
MAY BE IMPLEMENTED THROUGHOUT THESE DRAWINGS ON AN AS NEEDED BASIS.

## Location Map

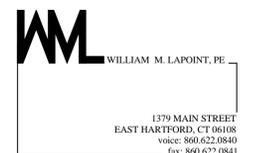
not to scale



## ARCHITECT

### Capital Studio Architects, LLC

1379 Main Street  
East Hartford, Connecticut 06108  
tel: 860.289.3262  
fax: 860.289.3163  
email: info@capitalstudio.net



## STRUCTURAL ENGINEER

### William M. Lapoint, PE.

1379 Main Street  
East Hartford, Connecticut 06108  
tel: 860.622.0840  
fax: 860.622.0841  
email: wmlpe@aol.com

Product Data Sheet  
Edition 21 May 2012



### Sikasil®-Pool

Neutral curing silicone sealant for swimming pools and permanently wet areas

<b>Product Description</b>	Sikasil®-Pool is a one part neutral curing silicone sealant for use in swimming pools and permanently wet areas.
<b>Uses</b>	Sikasil®-Pool is suitable for joints in and around swimming pools, areas under permanent water immersion and frequently wet areas, such as shower rooms in sports halls or leisure facilities, between ceramics, tiles, concrete, glass, metals and other typical building substrates, etc.
<b>Characteristics / Advantages</b>	<ul style="list-style-type: none"> <li>■ Very high water resistance</li> <li>■ High chlorine resistance (as required in swimming pools due to use of disinfecting solutions)</li> <li>■ Extremely high resistance to fungal attack</li> <li>■ Excellent UV and weathering resistance</li> <li>■ High tear resistance</li> <li>■ Non-corrosive</li> <li>■ High elasticity and flexibility</li> </ul>
<b>Product Data</b>	
<b>Form</b>	
<b>Colours</b>	White and Transparent – 300ml Cartridges Transparent, Grey and Blue – 600ml Sausages (Grey and Blue only available in Sausages)
<b>Packaging</b>	300ml Cartridges (Carton of 12), 600ml Sausages (Carton of 20)
<b>Storage</b>	
<b>Storage Conditions / Shelf Life</b>	12 months from date of production if stored in undamaged and unopened original sealed containers, in dry conditions and protected from direct sunlight at temperatures between +10°C and +25°C.
<b>Technical Data</b>	
<b>Chemical Base</b>	Oxime silicone, neutral curing
<b>Density</b>	~ 1.05 kg/l (transparent colour) (DIN 53 479)
<b>Skimming Time</b>	~ 5 minutes (+23°C / 50% r.h.)
<b>Curing Rate</b>	~ 2.0 mm/24h (+23°C / 50% r.h.)
<b>Movement Capability</b>	25%

Construction



PAGE 1

<b>Sag Flow</b>	< 2 mm	(DIN EN ISO 7 390)												
<b>Service Temperature</b>	-40°C to +180°C (Dry conditions)													
<b>Mechanical / Physical Properties</b>														
<b>Tensile Strength</b>	~ 1.5 N/mm <sup>2</sup> (+23°C / 50% r.h.)	(ISO 8339)												
<b>Tear Strength</b>	~ 4.0 N/mm <sup>2</sup> (+23°C / 50% r.h.)	(DIN 24 method C)												
<b>Shore A Hardness</b>	~ 20 (after 28 days)	(ISO 868)												
<b>E-Modulus</b>	~ 0.3 N/mm <sup>2</sup> at 100% elongation (+23°C / 50% r.h.)	(ISO 8339)												
<b>Elastic Recovery</b>	> 90% (+23°C / 50% r.h.)	(ISO 7389)												
<b>System Information</b>														
<b>Application Details</b>														
<b>Consumption</b>	<p><i>Joint Design:</i> The joint width must be designed to be within the movement capability of the sealant. Movement joint widths with Sikasil Pool shall be &gt; 10 mm and &lt; 30mm. Sikasil Pool shall not be used in joints of more than 30mm width and a minimum depth or thickness of 6 mm must be applied.</p> <table border="1"> <tr> <td>Joint width</td> <td>10 mm</td> <td>30mm</td> </tr> <tr> <td>Joint depth</td> <td>8 mm</td> <td>15mm</td> </tr> <tr> <td>Joint length / 300 ml</td> <td>~ 3.5 m</td> <td>~0.65m</td> </tr> <tr> <td>Joint length / 600ml</td> <td>~7.0m</td> <td>~1.3m</td> </tr> </table>		Joint width	10 mm	30mm	Joint depth	8 mm	15mm	Joint length / 300 ml	~ 3.5 m	~0.65m	Joint length / 600ml	~7.0m	~1.3m
Joint width	10 mm	30mm												
Joint depth	8 mm	15mm												
Joint length / 300 ml	~ 3.5 m	~0.65m												
Joint length / 600ml	~7.0m	~1.3m												
<b>Substrate Quality</b>	Clean and dry, homogeneous, free from oils and grease, dust and loose or friable particles. Cement laitance must be removed.													
<b>Substrate Preparation / Priming</b>	<p><i>Stainless, steel, PVC, GRP, Stainless steel</i> Surfaces must be cleaned using a fine abrasive pad followed by SikaCleaner® 205 using a clean towel / cloth. There shall be a 'wash-off' time of at least 15 min.</p> <p><i>Concrete, tiles, glazed tiles:</i> Surfaces must be primed with SikaPrimer®-3N using a brush. Before sealing the joint there shall be a 'wash-off' time of at least 30 min. (max. 9 hrs.). For other substrates please contact the Sika Technical Service Department for advice. Important note: Primers are only adhesion promoters. They neither substitute for the correct cleaning of the surface nor improve their strength significantly.</p>													
<b>Application Conditions / Limitations</b>														
<b>Substrate Temperature</b>	+5°C min. / +40°C max.													
<b>Ambient Temperature</b>	+5°C min. / +40°C max.													
<b>Substrate Moisture Content</b>	Substrates must be dry													

Construction



PAGE 2

**Notes**

The information, and, in particular, the recommendations relating to the application and end-use of Sika's products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject of our terms and conditions of sale. Users should always refer to the most recent issue of the Australian version of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER

Sika Australia Pty Limited  
www.sika.com.au

ABN 12 001 342 329  
Tel: 1300 22 33 48

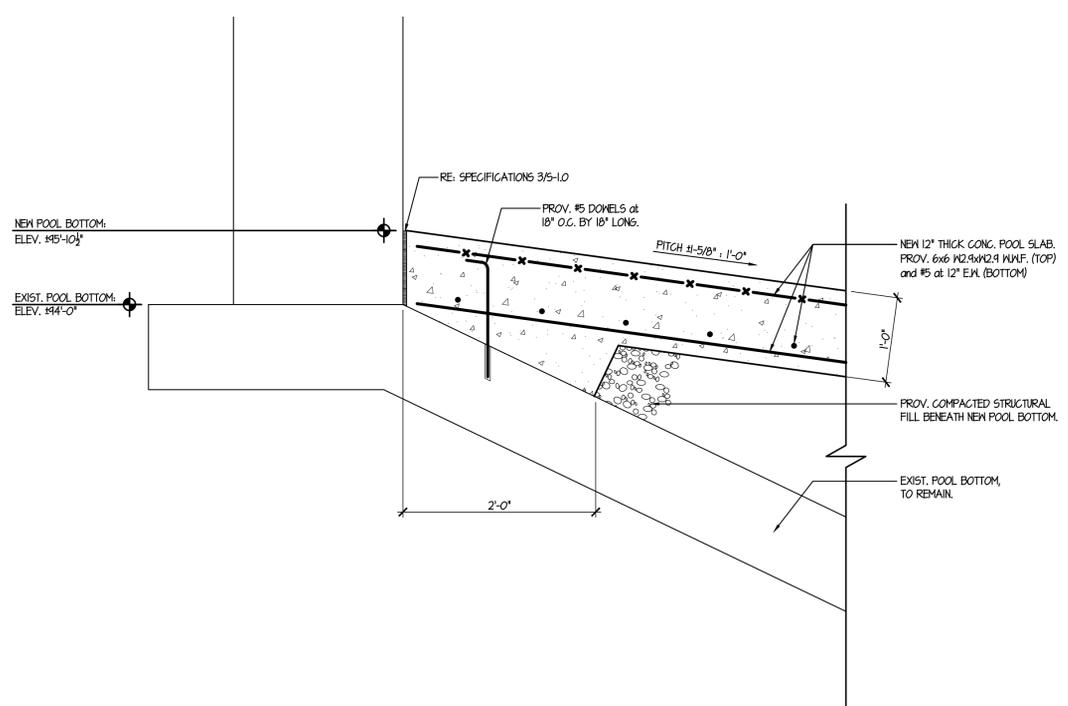


PAGE 3

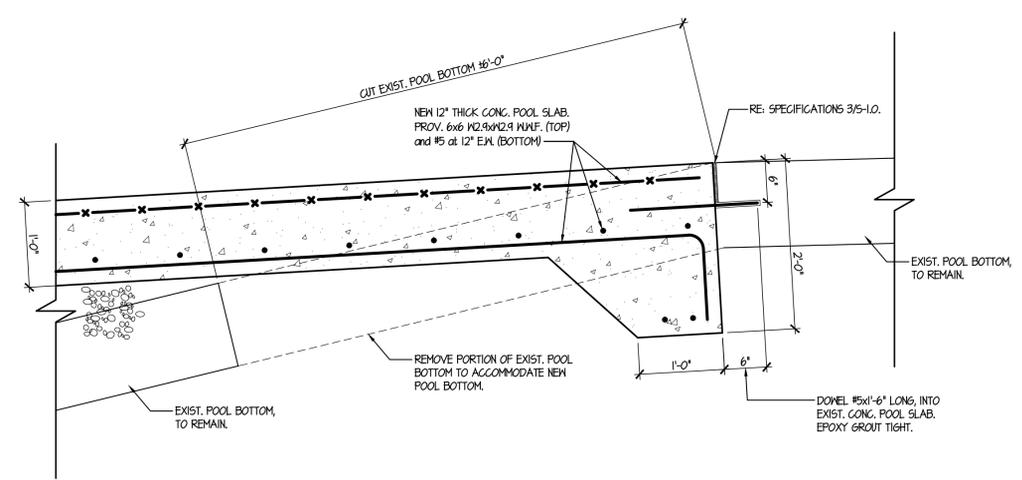


Deck Replacment,  
Site and Pool  
Modifications to  
**DRENNAN  
POOL** at  
**McAuliffe Park**  
McKee Street  
East Hartford, CT  
06108

3 STRUCTURAL SPECIFICATIONS  
NO SCALE



2 POOL BOTTOM DETAIL  
SCALE: 1" = 1'-0"



1 POOL BOTTOM DETAIL  
SCALE: 1" = 1'-0"

date	description	no.

STRUCTURAL  
DETAILS and  
SPECIFICATIONS

ISSUED FOR:  
BIDDING and CONSTRUCTION

**S-1.0**

date	08 MAY 2015
drawn	JRP
scale	AS NOTED
checked	DH / JRP
project no.	14-32



- 01 REMOVE EXISTING 8'-0" HIGH CHAIN LINK FENCE, COMPLETE, INCLUDING POSTS, RAILS, FABRIC, GATES, HARDWARE and FOOTINGS.
- 02 REMOVE EXISTING CONCRETE POOL DECKS, COMPLETE. PROTECT EXISTING ADJACENT BITUMINOUS PAVING and POOL STRUCTURE, INCLUDING INTEGRATED CAST-IN-PLACE PERIMETER OVERFLOW GUTTER SYSTEM.
- 03 REMOVE EXISTING 10"x10" DECK DRAINS, COMPLETE, INCLUDING ASSOCIATED PIPING.
- 04 REMOVE EXISTING POOL PIPING CLEANOUT, COVER and ALL ASSOCIATED PIPING.
- 05 REMOVE EXISTING LIGHT and POLE, INCLUDING ALL ASSOCIATED ELECTRICAL WIRING.
- 06 REMOVE EXISTING POOL SUPPLY and RETURN PIPING, COMPLETE, BACK TO EXISTING FLANGE at FILTER ROOM EXTERIOR WALL.
- 07 REMOVE EXISTING POOL BOTTOM DRAINS, INCLUDING SUCTION PIPING, COMPLETE, TYP. OF (2).
- 08 REMOVE PORTION OF EXISTING CONCRETE POOL BOTTOM TO ACCOMMODATE NEW BOTTOM DRAINS and NEW PIPING.
- 09 REMOVE EXISTING POOL LADDER, TYPICAL OF (6)

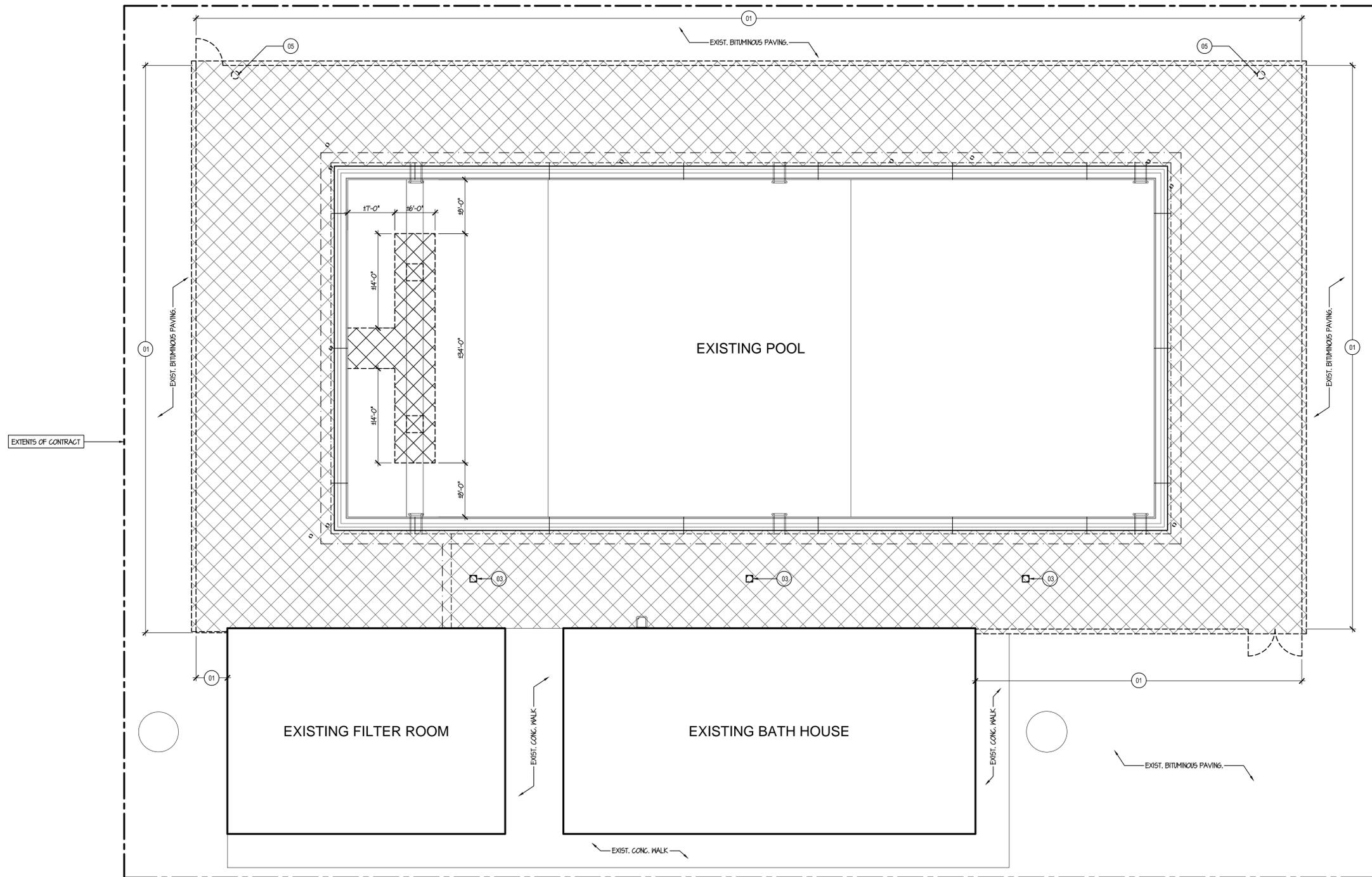
- TO BE DEMOLISHED
- POOL RETURN PIPING TO BE REMOVED
- POOL SUPPLY PIPING TO BE REMOVED
- [Cross-hatch pattern] CONCRETE POOL DECKS TO BE REMOVED.
- [Cross-hatch pattern] CONCRETE POOL BOTTOM TO BE REMOVED.

**GENERAL DEMOLITION NOTES:**

1. THE WORK SHOWN HERE IS DIAGRAMMATIC. NOT ALL NEW OR EXISTING PENETRATIONS / REMOVALS ARE SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS REQUIRED TO ACCOMMODATE ALL NEW WORK. COORD. REQ'D CUT AND PATCH LOCATIONS. PATCH EXISTING SURFACES SCHEDULED TO REMAIN, BUT DAMAGED OR EXPOSED DURING DEMOLITION. TO MATCH EXISTING ADJACENT SURFACES, TYP.
2. ALL EXISTING INFORMATION TAKEN FROM DRAWINGS PROVIDED BY THE TOWN OF EAST HARTFORD, REVISED JUNE 24, 1938 TITLED 'PROPOSED BATH HOUSE AT THE PLAYGROUND' and CONDUCTED FIELD VERIFICATION.
3. THE LOCATION & CONDITION OF EXISTING UNDERGROUND UTILITIES AS SHOWN ARE TAKEN FROM THE BEST AVAILABLE SOURCES. SUCH INFORMATION IS FURNISHED FOR INFORMATION PURPOSES ONLY, AND IS NOT GUARANTEED and SHALL BE VERIFIED IN FIELD. THE CONTRACTOR SHALL USE EXTREME CAUTION DURING EXCAVATION & DEMOLITION ACTIVITIES. \*CALL BEFORE YOU DIG\* 1-800-422-4455, AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

**2 DEMOLITION KEY NOTES**  
A-10 NO SCALE

**3 DEMOLITION LEGEND**  
A-10 NO SCALE



**1 DEMOLITION DECK PLAN**  
A-10 SCALE: 1/8" = 1'-0"



**Deck Replacment,  
Site and Pool  
Modifications to  
DRENNAN  
POOL at  
McAuliffe Park  
McKee Street  
East Hartford, CT  
06108**

date	description	no.
revisions		

**DEMOLITION  
DECK PLAN**

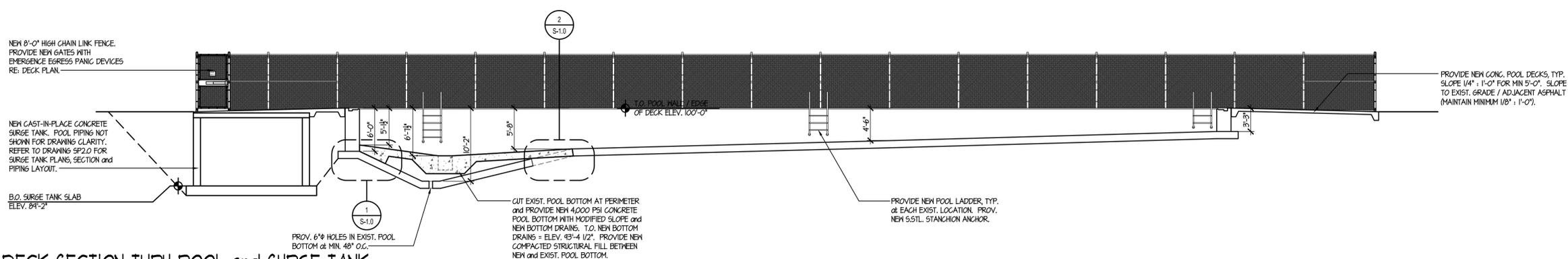
ISSUED FOR:  
BIDDING and CONSTRUCTION  
**A-1.0**

date	08 MAY 2015
drawn	JRP
scale	AS NOTED
checked	DH / JRP
project no.	14-32

**Deck Replacment,  
Site and Pool  
Modifications to  
DRENNAN  
POOL at  
McAuliffe Park  
McKee Street  
East Hartford, CT  
06108**

**2 DECK SECTION THRU POOL and SURGE TANK**

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



NEW 4'-0" WIDE x 8'-0" HIGH CHAIN LINK GATE WITH EMERGENCE EGRESS PANIC DEVICE.

NEW 24" SQUARE STAINLESS STEEL BOTTOM DRAINS WITH NEW VGB COMPLIANT COVERS, TYP. OF (3).

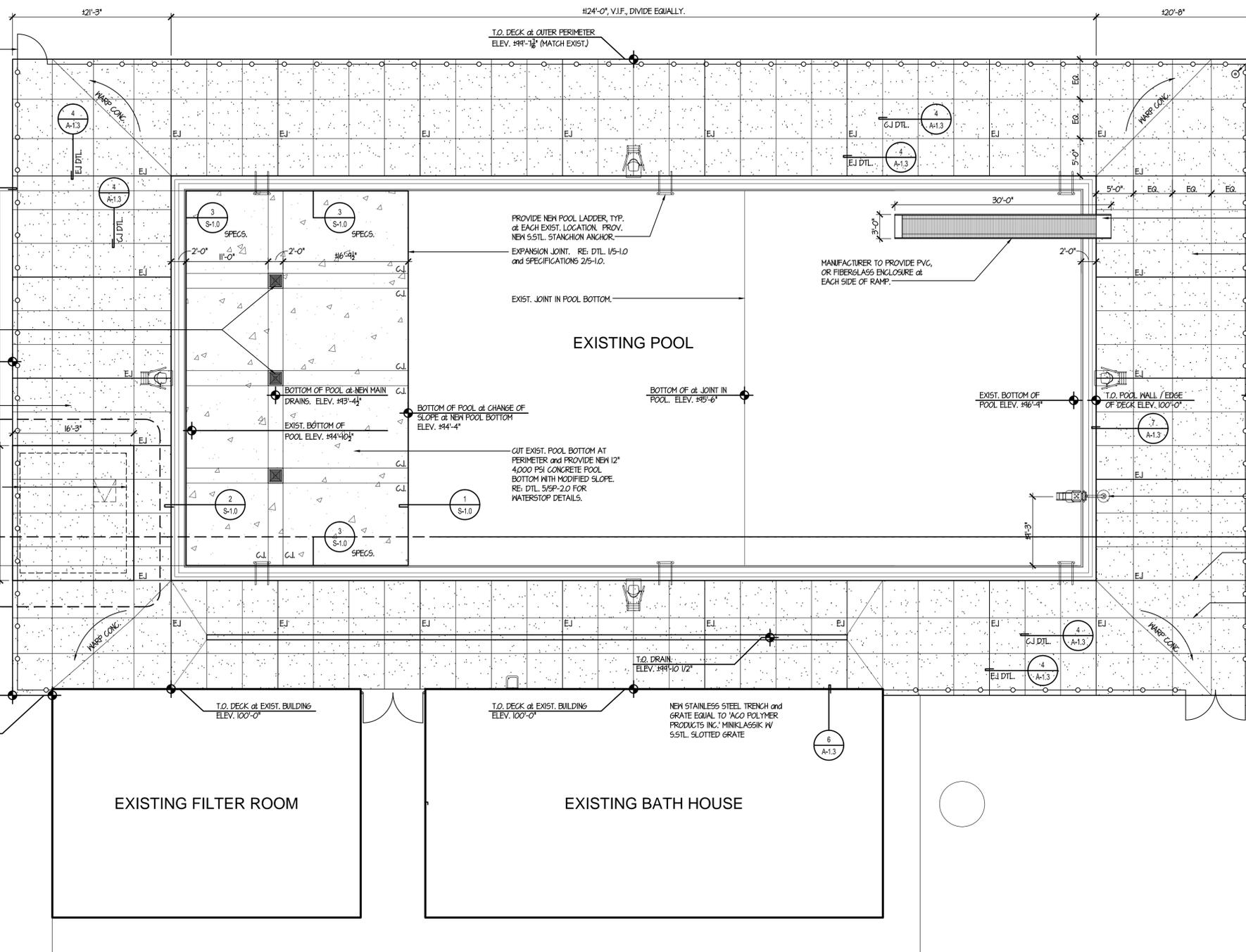
T.O. DECK at OUTER PERIMETER ELEV. 491'-6" (MATCH EXIST.)

NEW POOL BOTTOM DRAIN PIPING TO NEW CAST-IN-PLACE CONCRETE SURGE TANK.

NEW CAST-IN-PLACE CONCRETE SURGE TANK WITH DECK HATCH ACCESS DOOR. RE: DTL. 1/A-1.3 and SP-2.0.

T.O. DECK at OUTER PERIMETER ELEV. 491'-6" (MATCH EXIST.)

T.O. DECK at EXIST. BUILDING ELEV. 491'-1 1/2"



NEW SITE LIGHTING EQUAL TO PHILLIPS LIMEC<sup>®</sup> OVAL SERIES WITH 20 FOOT POLE and PHOTOCCELL CONTROLS.  
LUMENS / LAMP 9000  
LLF 0.120  
DESCRIPTION LIMEC ECL2-100MH-4H-VOLT-LED6-20-5-6Y3TX  
NOTE: CONTRACTOR SHALL CARRY AN ALLOWANCE IN THEIR BIDS FOR SITE LIGHTING IN THE AMOUNT OF \$6,000

NEW STAINLESS STEEL and FIBERGLASS (T-BAR GRATING) ACCESS RAMP, EQUAL TO SPECTRUM AQUATICS.

PROVIDE NEW CONG. POOL DECKS, TYP. SLOPE 1/4" : 1'-0" FOR MIN 5'-0". SLOPE TO EXIST. GRADE / ADJACENT ASPHALT (MAINTAIN MINIMUM 1/8" : 1'-0").

NEW 8'-0" HIGH CHAIN LINK FENCE WITH 1" MESH. REFER TO DETAIL 2/A-1.2 FOR TYPICAL CHAIN LINK FENCING.

T.O. DECK at OUTER PERIMETER ELEV. 491'-6" (MATCH EXIST.)

NEW HCA AUTOMATIC POOL LIFT. PROV. DECK ANCHOR SOCKET AS REQUIRED FOR INSTALLATION PER MANUFACTURER'S INSTRUCTION. RE: DTL. 4/A-1.3. COORD. LOCATION OF ANCHOR W/ POOL EDGE.

EXPANSION JOINT, TYP. RE: SPECIFICATIONS U5-U1

CONTROL JOINT, TYP.

NEW PAIR OF 4'-0" WIDE x 8'-0" HIGH CHAIN LINK GATES WITH EMERGENCE EGRESS PANIC DEVICE. ONE LEAF TO HAVE DROP ROD.

**DESIGN LOADS:**  
POOL DECK = 100 PSF (NO VEHICLES)  
SURGE TANK (TOP) = 100 PSF  
PRESUMPTIVE SOIL BEARING = 2 TONS / SQ. FT. (SF)  
ANY UNSTABLE SOILS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT / ENGINEER.

date	description	no.
revisions		

**DECK PLAN and SECTION**

ISSUED FOR:  
BIDDING and CONSTRUCTION

**A-1.1**

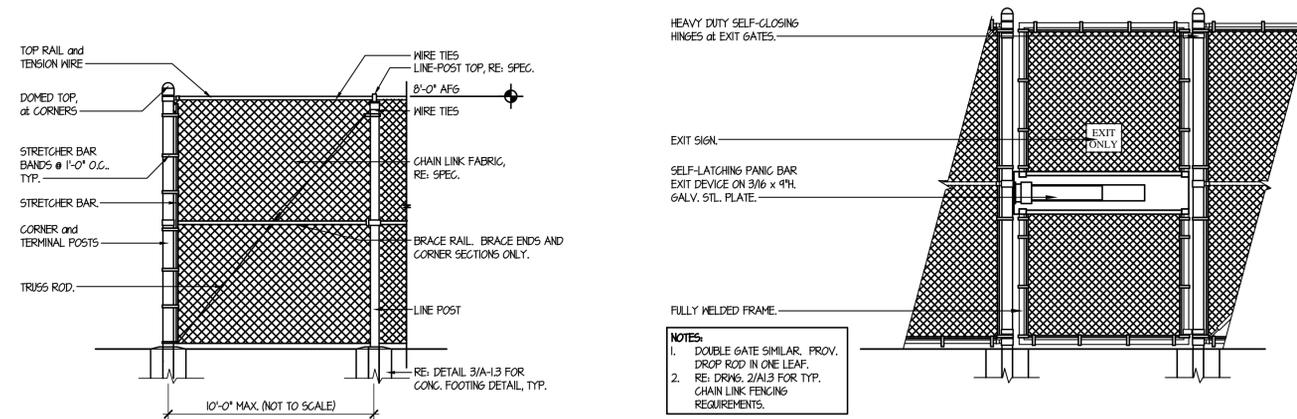
date 08 MAY 2015  
drawn JRP  
scale AS NOTED  
checked DH / JRP  
project no. 14-32

**1 DECK PLAN**

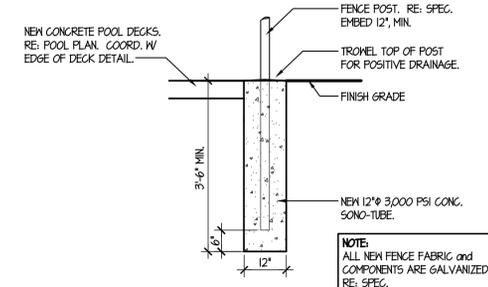
SCALE: 1/8" = 1'-0"



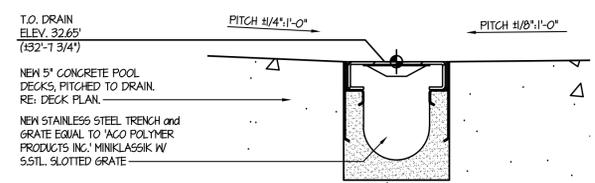
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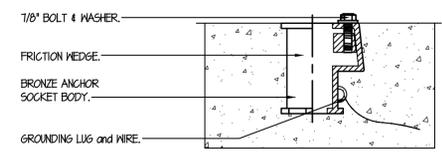
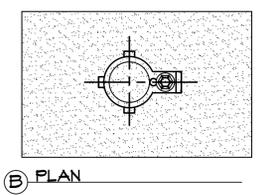
**9 GATE and CORNER / END FENCE DETAILS**  
A-13 NOT TO SCALE



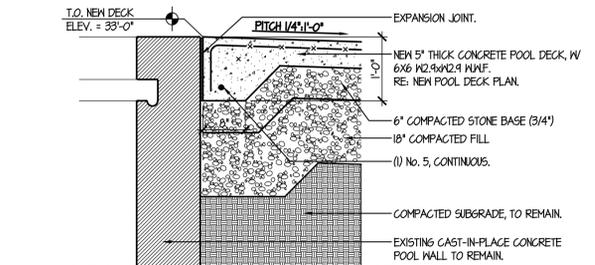
**3 TYPICAL FENCE POST DETAIL**  
A-12 SCALE: 1/2" = 1'-0"



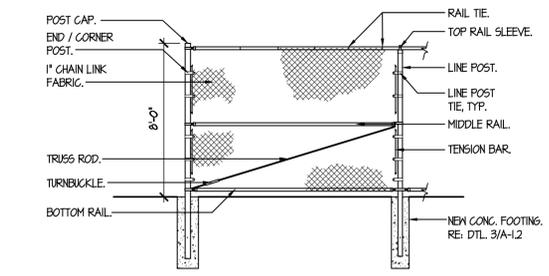
**8 TRENCH DRAIN DETAIL**  
A-13 SCALE: 3" = 1'-0"



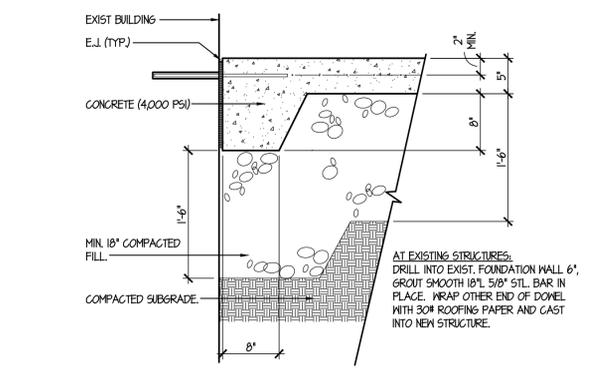
**9 TYPICAL ANCHOR SOCKET DETAIL**  
A-13 SCALE: 1" = 1'-0"



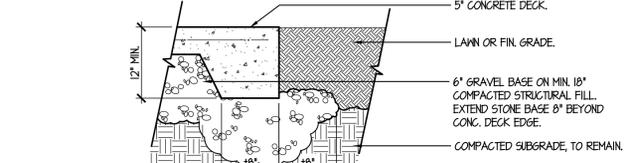
**7 DECK DETAIL at E.O. EXIST POOL**  
A-13 SCALE: 3/4" = 1'-0"



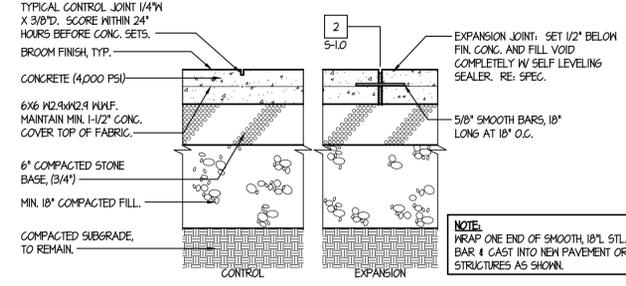
**2 TYPICAL CHAIN LINK FENCE DETAIL**  
A-12 SCALE: 1/4" = 1'-0"



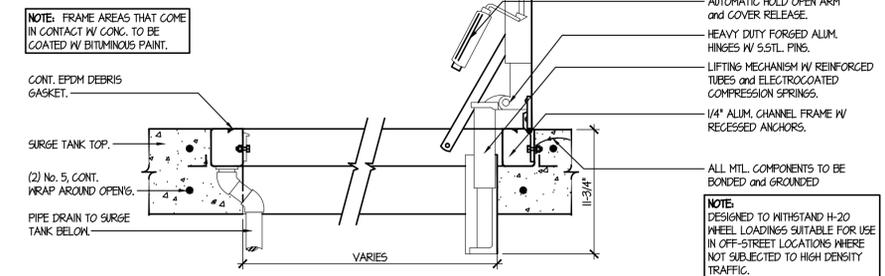
**6 DECK DETAIL at EXIST. BLDG.**  
A-13 SCALE: 1" = 1'-0"



**5 TYPICAL E.O. DECK DETAIL**  
A-13 SCALE: 1" = 1'-0"



**4 TYP. CONTROL and EXPANSION JOINT DTL.**  
A-13 SCALE: 1" = 1'-0"



**1 S.S.TL. DECK ACCESS HATCH**  
A-13 SCALE: 3/4" = 1'-0"

date	description	no.

**DECK and FENCE DETAILS**

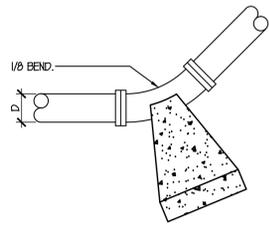
ISSUED FOR:  
BIDDING and CONSTRUCTION  
**A-1.2**

date	08 MAY 2015
drawn	JRP
scale	AS NOTED
checked	DH / JRP
project no.	14-32

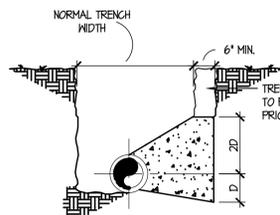
**NOTE:**  
DRAWINGS ON THIS PAGE ARE SCHEMATIC and ARE NOT INTENDED TO SHOW EVERY PIPE FITTING, VALVE, GAUGE, CONNECTION, OR COMPONENT, ETC. THEY ARE INTENDED TO COMMUNICATE BASIC LAYOUT and SYSTEM DESIGN REQUIREMENTS. CONTRACTOR SHALL PROVIDE PIPE SUPPORTS AS REQUIRED. THE CONTRACTOR SHALL REVIEW SPECIFICATIONS FOR ALL REQUIRED COMPONENTS and SHALL INCLUDE ALL COMPONENTS OF THE WORK NECESSARY FOR COMPLETE, OPERATION OF THE FACILITY IN ACCORDANCE WITH ALL PERTINENT FEDERAL, STATE and LOCAL CODES, ORDINANCES and INDUSTRY STANDARDS, WHETHER SPECIFICALLY NOTED, OR SPECIFIED, OR NOT. CONTRACTOR SHALL PREPARE, FOR ARCHITECT'S REVIEW, COMPLETE SHOP DRAWINGS and SUBMITTALS OF ALL EQUIPMENT TO BE INSTALLED PRIOR TO BEGINNING THE WORK, IN ACCORDANCE WITH THESE DRAWINGS and THE SPECIFICATIONS, KNOWN HEREIN as THE CONTRACT DOCUMENTS.

**POOL INFORMATION:**

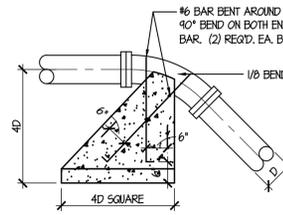
SURFACE AREA:	6,000 SQUARE FEET
EXIST. WATER VOLUME:	1213,750 GALLONS
SURGE TANK CAPACITY:	6,000 GALLONS MIN.
RECIRCULATION RATE:	445.0 GPM
TURNOVER RATE:	8 HOURS
EXISTING USER LOAD:	315 USERS MAX. EXIST. UNCHANGED
FILTER BED AREA REQ. at 18 GPM/SF:	24.75 SQUARE FEET



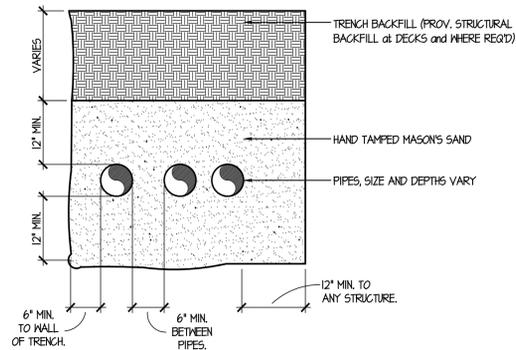
B HORIZONTAL THRUST BLOCK DETAIL (PLAN VIEW)



A HORIZONTAL THRUST BLOCK DETAIL



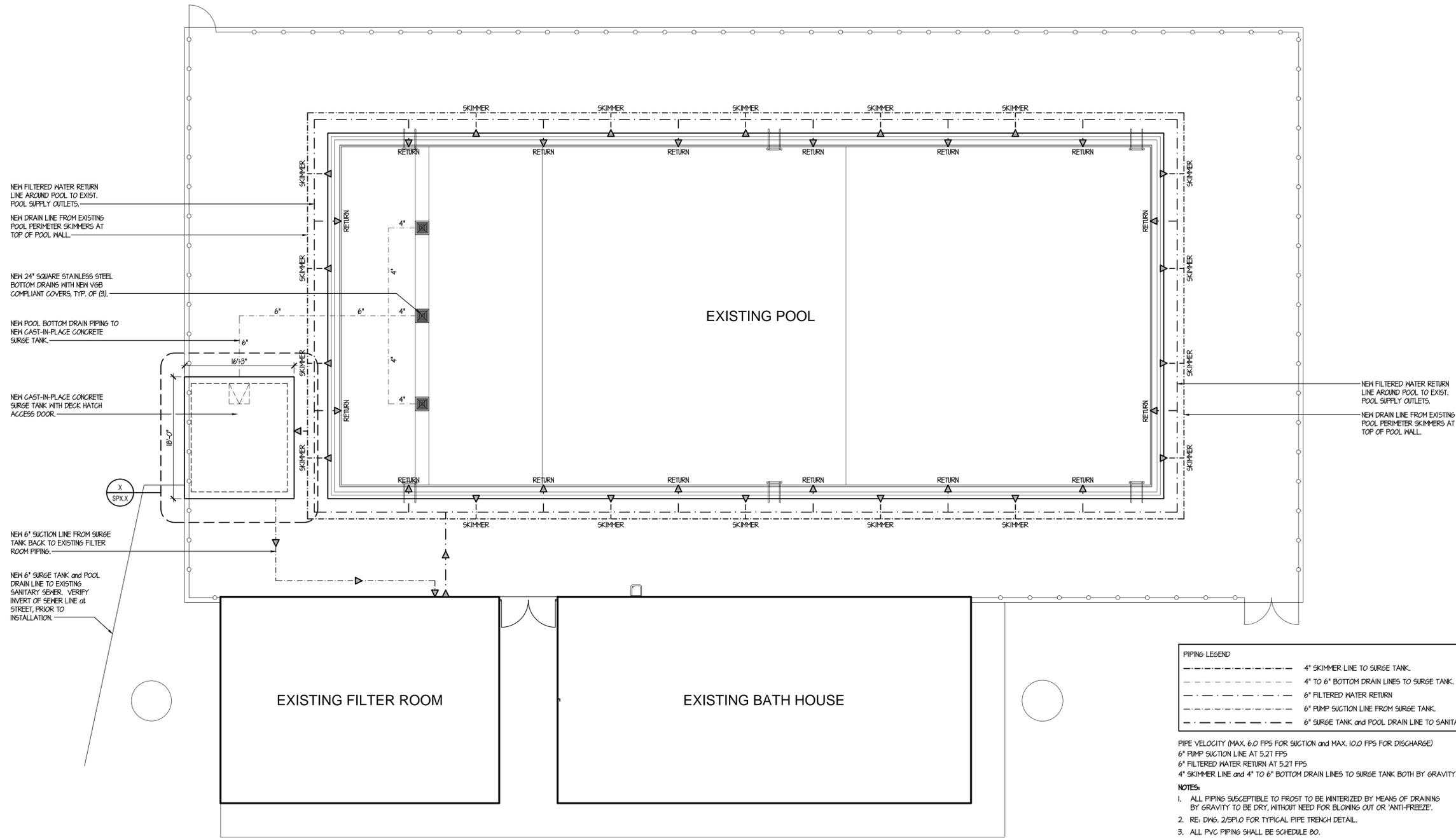
C VERTICAL THRUST BLOCK DETAIL



2 PIPE TRENCH DETAIL  
NO SCALE

4 GENERAL POOL NOTES and INFORMATION  
NO SCALE

3 THRUST BLOCK DETAILS  
NO SCALE



**PIPING LEGEND**

---	4" SKIMMER LINE TO SURGE TANK.
---	4" TO 6" BOTTOM DRAIN LINES TO SURGE TANK.
---	6" FILTERED WATER RETURN
---	6" PUMP SUCTION LINE FROM SURGE TANK.
---	6" SURGE TANK and POOL DRAIN LINE TO SANITARY SEWER.

PIPE VELOCITY (MAX. 6.0 FPS FOR SUCTION and MAX. 10.0 FPS FOR DISCHARGE)  
6" PUMP SUCTION LINE AT 5.21 FPS  
6" FILTERED WATER RETURN AT 5.21 FPS  
4" SKIMMER LINE and 4" TO 6" BOTTOM DRAIN LINES TO SURGE TANK BOTH BY GRAVITY.

- NOTES:**
1. ALL PIPING SUSCEPTIBLE TO FROST TO BE WINTERIZED BY MEANS OF DRAINING BY GRAVITY TO BE DRY, WITHOUT NEED FOR BLOWING OUT OR 'ANTI-FREEZE'.
  2. RE: DNG. 2/SPI/O FOR TYPICAL PIPE TRENCH DETAIL.
  3. ALL PVC PIPING SHALL BE SCHEDULE 80.
  4. PROV. THRUST BLOCKS at ALL CHANGE OF DIRECTION IN PIPES UNDER PRESSURE. RE: DNG. 3/SPI/O FOR TYP. THRUST BLOCK.



**Deck Replacment,  
Site and Pool  
Modifications to  
DRENNAN  
POOL at  
McAuliffe Park  
McKee Street  
East Hartford, CT  
06108**

date	description	no.
revisions		

**POOL PIPING  
PLAN and  
DETAILS**

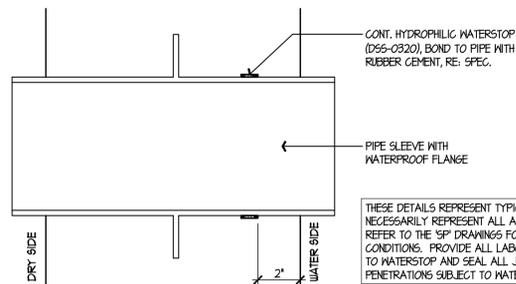
ISSUED FOR:  
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**SP-1.0**

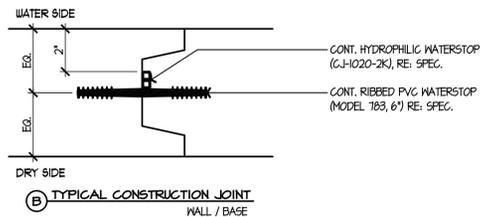
date	08 MAY 2015
drawn	JRP
scale	AS NOTED
checked	DH / JRP
project no.	14-32



1 DECK PLAN  
SCALE: 1/8" = 1'-0"

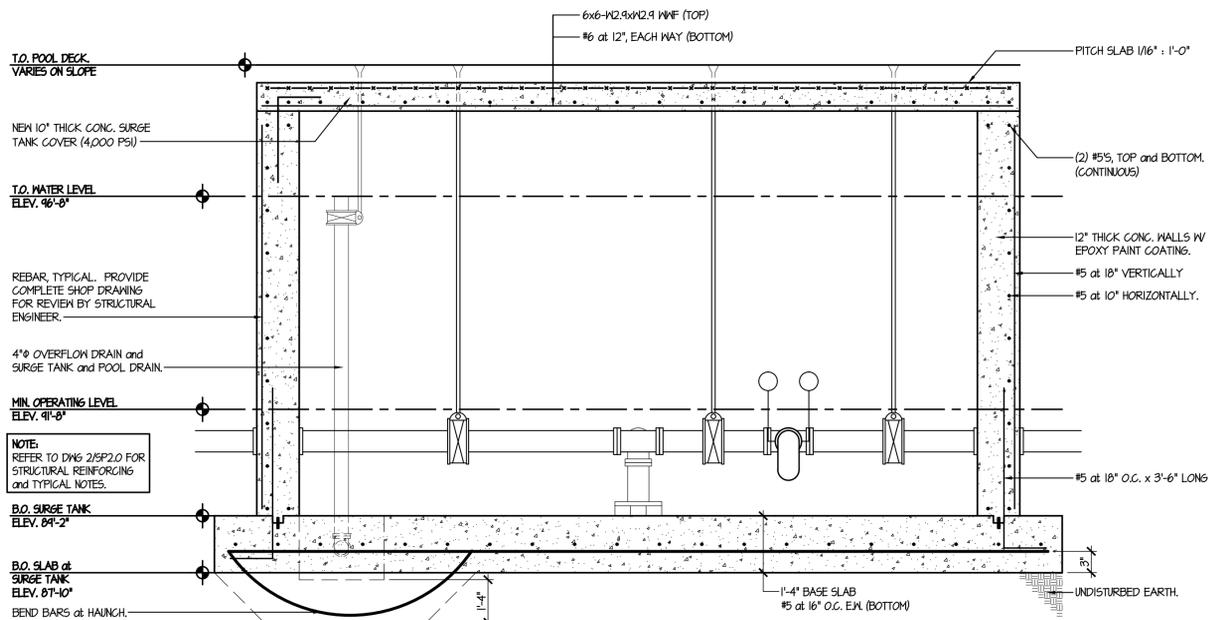


THESE DETAILS REPRESENT TYPICAL CONDITIONS BUT DO NOT NECESSARILY REPRESENT ALL AREAS REQUIRING WATERSTOPS. REFER TO THE 'SP' DRAWINGS FOR LOCATIONS AND/OR CONDITIONS. PROVIDE ALL LABOR AND MATERIALS REQUIRED TO WATERSTOP AND SEAL ALL JOINTS, SEAMS AND PENETRATIONS SUBJECT TO WATER INFILTRATION AND/OR LOSS.



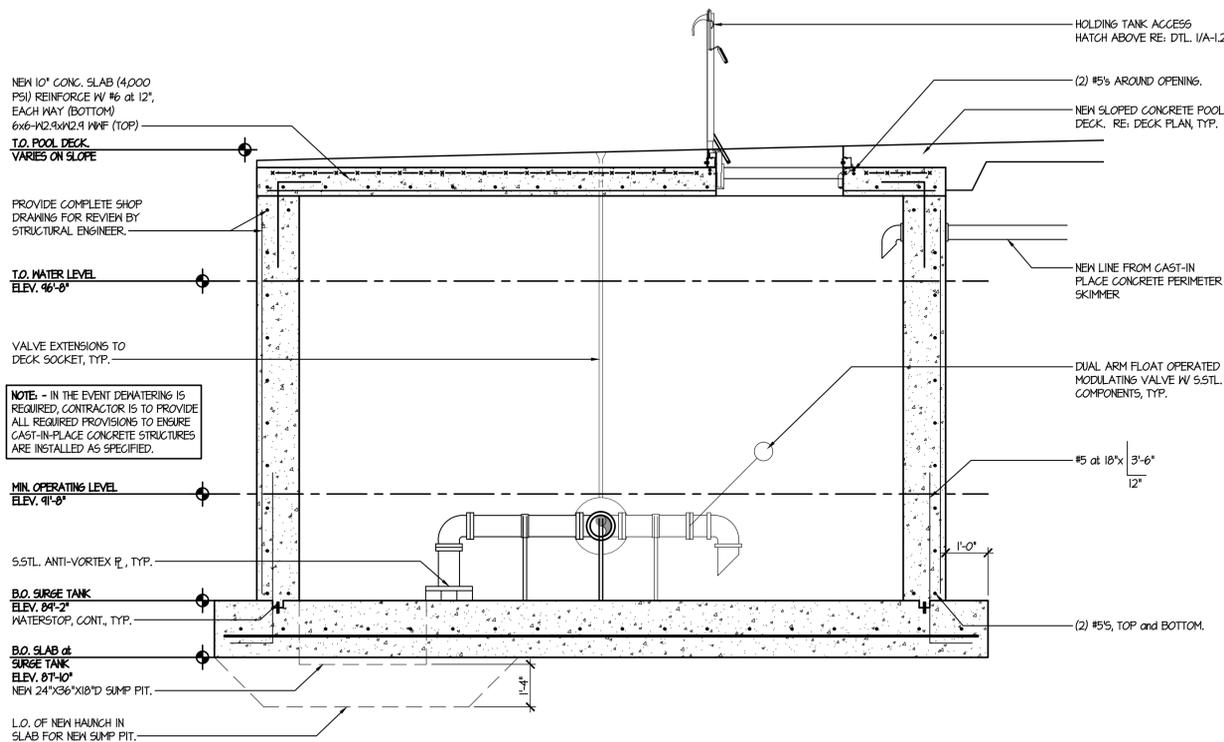
**5 WATERSTOP DETAIL**

SCALE: 3" = 1'-0"



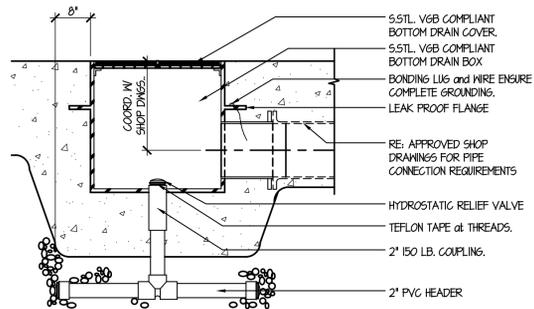
**3 SURGE TANK SECTION**

SCALE: 1/2" = 1'-0"



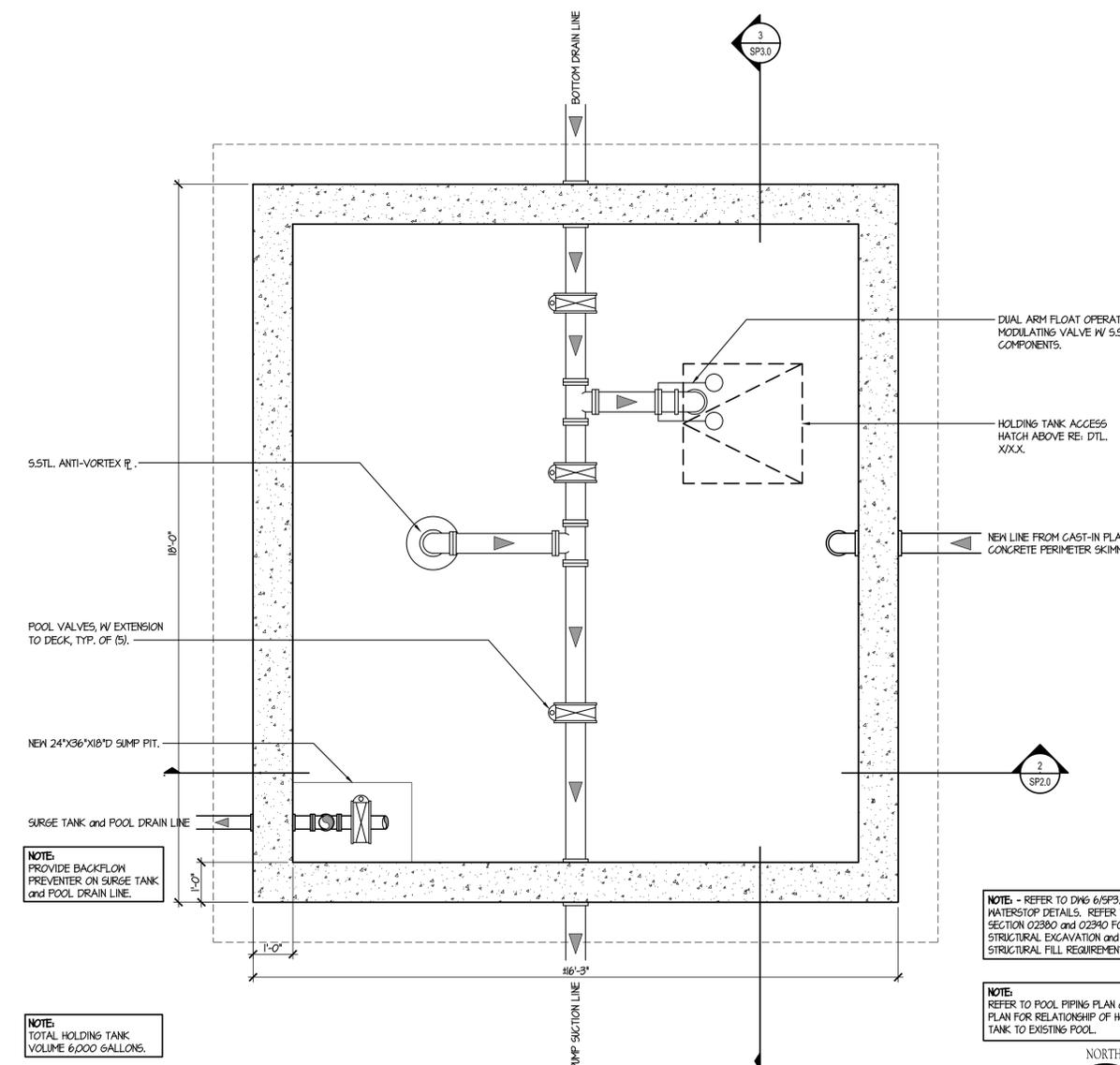
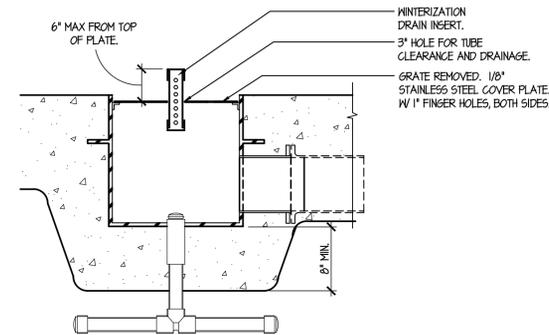
**2 SURGE TANK SECTION**

SCALE: 1/2" = 1'-0"



**4 BOTTOM DRAIN DETAIL**

SCALE: 3" = 1'-0"



**1 SURGE TANK PLAN**

SCALE: 1/2" = 1'-0"

**Deck Replacment,  
Site and Pool  
Modifications to  
DRENNAN  
POOL at  
McAuliffe Park  
McKee Street  
East Hartford, CT  
06108**

date	description	no.

**SURGE TANK  
PLAN,  
SECTIONS and  
DETAILS**

ISSUED FOR:  
BIDDING and CONSTRUCTION

**SP-2.0**

date 08 MAY 2015  
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checked DH / JRP  
project no. 14-32