

TOWN OF GLASTONBURY

GL-2019-28

GRANGE POOL REPAIRS

ADDENDUM NO. 1

February 27, 2019

Bid Due Date: March 5, 2019 @ 11:00 A.M.

The attention of bidders submitting proposals for the above-referenced project is called to the following Addendum to the specifications. The items set forth herein, whether of omission, addition, substitution or other change, are all to be included in and form a part of the proposed Contract Documents for the work. Bidders shall acknowledge this Addendum on the Bid Proposal Page (BP-1).

Question 1: *Will we be posting the sign in sheets on the addenda?*

Answer: Yes, please see attached.

Question 2: *Can we use hydro blast method to remove the plaster?*

Answer: Yes. Contractor will be required to properly dispose of slurry and dewatering. Also, water will be metered.

Question 3: *How many layers of plaster are currently on the pool?*

Answer: Based on information found from the top of the pool and reviewed by Contractors, there appears to be one layer of plaster.

Question 4: *We should check for hazardous materials in the coping?*

Answer: Based on the information provided and the renovations performed in the past, checking for hazardous materials will not be required.

Question 5: *Are we to replace all the coping with new coping?*

Answer: Yes.

Question 6: *Can we put the depth markers in the coping?*

Answer: Yes, but shall be slip resistant.

Question 7: *Coping – is it precast coping or is brick coping acceptable which is preferred?*

Answer: Precast Coping is basis of design. Brick is not acceptable.

Question 8: *Do we have to chip all of the plaster out?*

Answer: Not necessarily, or to a point to which solid material is found or allowing for an additional coat to which the thickness is uniform.

Question 9: *Do we bring back all main lines back to the filter room?*

Answer: Yes, as identified on SP 2.0

Question 10: *Can we re-site the job before the bid? If so when can we re-visit the pool?*

Answer: No further site visits are planned at this time.

Question 11: *We definitely work weekends and work past 3:30 will extended hours be an issue?*

Answer: Yes with pre-approval from the Town.

Question 12: *Does it have to be a COMPLETE strip of all interior plaster?*

Answer: Not necessarily, or to a point to which solid material is found or allowing for an additional coat to which the thickness is uniform.

Clarification:

During the pre-bid meeting, a question was asked about item #13, on Drawing SP 0.0, under “Structural notes and Restrictions”. The note referred to installation of a dewatering system. We had stated this wouldn’t apply to this project, and we would be removing it from the plans. The attached drawings in this Addendum (SP 0.0), clarifies this, in that it was “removed”.

Note: This addendum consists of 9 pages including the above text.

MANDATORY PRE-BID MEETING SIGN-IN SHEET

BID NUMBER	2019-28	BID NAME	Grange Pool Repairs,	DATE	02/20/19
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PLEASE PRINT INFORMATION LEGIBLY

Firm: Weston & Sampson Person Attending: Mark Mariccas Address: 5 Centennial Drive City/State/Zip: Peabody MA 02741	Phone: 978-532-7119 FAX: Email Address: (Please print legibly) Mariccas@wseinc.com
Firm: Penn Custom Acoustics Person Attending: Bill Chestno Address: 8 Massimo Dr. City/State/Zip: N. Haven CT 06473	Phone: FAX: Email Address: (Please print legibly) B.Chestno@gmail.com
Firm: CT Custom Acoustics Person Attending: Michael DiVegniere Address: 8 Massimo Drive City/State/Zip: North Haven, CT, 06473	Phone: 203-707-3989 FAX: Email Address: (Please print legibly) mdiverniero@gmail.com
Firm: All State Technology Person Attending: Jason Adams Address: 10 Lark Lane City/State/Zip: Oak Ridge, NJ 07438	Phone: 975-697-8989 FAX: Email Address: (Please print legibly) LADAMS4497@aol.com

MANDATORY PRE-BID MEETING SIGN-IN SHEET

BID NUMBER	BID NAME	DATE

PLEASE PRINT INFORMATION LEGIBLY

Firm: <u>SAVOL</u> Person Attending: <u>Verth Anderson</u> Address: <u>91 PRISTIGE PARK CIR</u> City/State/Zip: <u>06106</u>	Phone: <u>860209 6521</u> FAX: _____	Email Address: (Please print legibly) <u>Verth@SAV01POOLS.COM</u>
Firm: <u>Holmes Construction</u> Person Attending: <u>Frank Masticino</u> Address: <u>596 John St</u> City/State/Zip: <u>Bridgeport, CT 06604</u>	Phone: <u>203-335-4204</u> FAX: <u>203-368-3425</u>	Email Address: (Please print legibly) <u>estimating@holmesconstruction.com</u>
Firm: <u>Rizzzo Pools</u> Person Attending: <u>Garrod MacGeebor</u> Address: <u>3388 Beryl Trl</u> City/State/Zip: <u>Newington, CT 06111</u>	Phone: <u>860-466-1531</u> FAX: <u>860-666-7004</u>	Email Address: (Please print legibly) <u>garrod@rizzzopools.com</u>
Firm: <u>David Cooper Plaster Co LLC</u> Person Attending: <u>David Cooper</u> Address: <u>647 Sutterkus Ave</u> City/State/Zip: <u>South Windsor CT 06040</u>	Phone: <u>860-538-5473</u> FAX: <u>860-282-9829</u>	Email Address: (Please print legibly) <u>David@CooperPlasterCoLLC</u>

MANDATORY PRE-BID MEETING SIGN-IN SHEET

BID NUMBER	BID NAME	DATE

PLEASE PRINT INFORMATION LEGIBLY

<p>Firm: <u>David Locke Plaster Co.</u></p> <p>Person Attending: <u>Tray Barthen</u></p> <p>Address: <u>647 Sullivan Ave</u></p> <p>City/State/Zip <u>S.Windsor Ct</u></p>	<p>Phone: <u>860-528-5473</u></p> <p>FAX: _____</p>	<p>Email Address: (Please print legibly) <u>sales@dlplaster.com</u></p>
<p>Firm: <u>Fuss + D'Veill</u></p> <p>Person Attending: <u>Jared Smith</u></p> <p>Address: <u>146 Hartford Road</u></p> <p>City/State/Zip <u>Manchester, CT 06040</u></p>	<p>Phone: <u>860-646-2469</u></p> <p>FAX: _____</p>	<p>Email Address: (Please print legibly) <u>Jsmith@Pando.com</u></p>
<p>Firm: <u>Scholar Painting & Restoration, LLC</u></p> <p>Person Attending: <u>Angel Espinosa</u></p> <p>Address: <u>2 Kardin's Village Dr. #145 Seymour, CT</u></p> <p>City/State/Zip _____</p>	<p>Phone: <u>203-906-3650</u></p> <p>FAX: _____</p>	<p>Email Address: (Please print legibly) <u>Angel.ScholarPainting@gmail.com</u></p> <p><u>ScholarPainting@gmail.com</u></p>
<p>Firm: <u>Tom of Cleckhury</u></p> <p>Person Attending: <u>Greg Farn</u></p> <p>Address: _____</p> <p>City/State/Zip _____</p>	<p>Phone: <u>860-522-7686</u></p> <p>FAX: _____</p>	<p>Email Address: (Please print legibly) <u>greg.farn@cleckhury-ct.gov</u></p>

MANDATORY PRE-BID MEETING SIGN-IN SHEET

BID NUMBER	GL-2019-28	BID NAME	Crane Swims Pool Repairs	DATE	2/20/19
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PLEASE PRINT INFORMATION LEGIBLY

Firm: <u>Town of Glastonbury</u> Person Attending: <u>Bill Engh</u> Address: _____ City/State/Zip _____	Phone: <u>860-652-7682</u> FAX: _____	Email Address: (Please print legibly) <u>bill.engh@glastonbury.gov</u>
Firm: <u>Town of Glastonbury</u> Person Attending: <u>Jason Albert</u> Address: _____ City/State/Zip _____	Phone: <u>860-652-7684</u> FAX: _____	Email Address: (Please print legibly) <u>Jason.Albert@glastonbury-ct.gov</u>
Firm: <u>Town of Glastonbury</u> Person Attending: <u>LISA ZERRIO</u> Address: _____ City/State/Zip _____	Phone: <u>860-652-7687</u> FAX: _____	Email Address: (Please print legibly) <u>LISA.ZERRIO@glastonbury-ct.gov</u>
Firm: _____ Person Attending: _____ Address: _____ City/State/Zip _____	Phone: _____ FAX: _____	Email Address: (Please print legibly) _____

DESIGN CODE COMPLIANCE:

19-13-B33b. PUBLIC POOLS CONNECTICUT MINIMUM STANDARDS FOR SWIMMING POOLS.....	09/21/2004
CONNECTICUT PUBLIC SWIMMING POOL DESIGN GUIDE.....	1/2010
AMERICAN NATIONAL STANDARDS FOR PUBLIC POOLS - ANS/NSPI-1.....	2003
NATIONAL ELECTRICAL CODE(NFPA 70).....	2014
VIRGINIA GRAEME BAKER POOL AND SPA SAFETY ACT.....	2008
ADAAG.....	2010

ENGINEER SEAL:

1. THESE DRAWINGS HAVE BEEN PREPARED FOR EXCLUSIVE USE FOR THE CLIENT AND ARE NOT INTENDED FOR ANY OTHER PURPOSE. TO THE BEST OF MY KNOWLEDGE, THESE DRAWINGS MEET THE REQUIREMENTS SET FORTH BY THE CONNECTICUT DEPARTMENT OF PUBLIC HEALTH (DPH).
2. THE POOLS THAT ARE INCORPORATED INTO THESE DRAWINGS MUST BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE APPROVED DRAWINGS IN ORDER TO QUALIFY FOR A DPH OPERATING PERMIT. ALL CHANGES MUST HAVE WRITTEN APPROVAL FROM WESTON & SAMPSON AND DPH PRIOR TO SUCH CHANGE OR ALTERATION BEING IMPLEMENTED.
3. ONLY DRAWINGS FROM WESTON & SAMPSON THAT ARE MARKED "FOR CONSTRUCTION" AND WITH THE DPH APPROVAL NUMBERS AND APPROVAL DATES AFFIXED SHALL BE USED FOR THE POOL CONSTRUCTION IMPLEMENTATION.

DEFINITIONS:

1. **CONTRACTOR:** IN ACCORDANCE WITH CONNECTICUT GENERAL STATUTES SECTION 20-341D-1 THROUGH 20-341D-3 FOR SWIMMING POOL BUILDERS AND CONTRACTORS AS REGULATED BY THE DEPARTMENT OF CONSUMER PROTECTION, THE PERSON OR ENTITY LICENSED BY THE STATE OF CONNECTICUT AS A "SWIMMING POOL BUILDER" (SPB) SHALL BE AUTHORIZED TO CONSTRUCT, INSTALL A COMMERCIAL POOL, SPA AND THEIR APPURTENANCES. IN ACCORDANCE WITH CONNECTICUT GENERAL STATUTE SECTION 20-417AA-1, THE PERSON OR ENTITY LICENSED BY THE STATE OF CONNECTICUT AS A "LIMITED SWIMMING POOL CONTRACTOR".
2. **CRITICAL:** THIS WORD DESCRIBES DIMENSIONS THAT SHALL NOT BE SUBJECT TO DEVIATION OR ERRORS FOR ANY REASON. VIOLATION OF A CRITICAL DIMENSION MIGHT SUBJECT THE POOL TO A POTENTIAL VARIANCE ACTION OR A PERMANENT WITHHOLDING OF A FUTURE OPERATING CERTIFICATE. WESTON & SAMPSON CONSIDERS ALL DIMENSIONS CONTAINED WITH THE DRAWINGS AS VITAL; HOWEVER, THE WORD CRITICAL IS ADDED TO ATTRACT THE ATTENTION OF THE CONTRACTOR.
3. **POOL:** THE USE OF THE WORD POOL WITHIN THESE NOTES MAY ALSO REFER TO A POOL OR KIDDIE POOL. PROVIDE WRITTEN QUESTIONS TO THE ENGINEER FOR CLARIFICATIONS.
4. **PROVIDE:** OBTAIN, PURCHASE, SUPPLY, INSTALL, COMMISSION AND WARRANTY COMPLETELY IN ACCORDANCE WITH ALL CODES, RULES, REGULATIONS AND THE REQUIREMENTS OF THE DRAWINGS AND TECHNICAL SPECIFICATIONS.
5. **RAIL:** REFERS TO A HANDRAIL, LADDER, OR GRAB RAIL LOCATED AT A POOL. IT PROVIDES BATHER SUPPORT ASSISTANCE WHEN ENTERING OR EXITING A POOL.
6. **SLIP-RESISTANT:** A HORIZONTAL, NON-SKID TEXTURED SURFACE WITH A COEFFICIENT OF FRICTION RATED AT A MINIMUM 0.6. THE RESPONSIBILITY FOR VERIFICATION AND CONFIRMATION OF COMPLIANCE WITH THIS FRICTION REQUIREMENT IS SOLELY THAT OF THE CONTRACTOR. CERTIFIED MANUFACTURER BROCHURES MAY BE SUBMITTED TO WESTON & SAMPSON FOR APPROVAL. THE TERM "NON-SLIP" SHALL BE CONSIDERED THE SAME AS "SLIP-RESISTANT".
7. **VISUAL BARRIER:** A CLOSELY-PLANTED, DENSE GROUPING OF PLANTS OR APPROVED ARCHITECTURAL BARRIER THAT IS 42-INCHES HIGH MINIMUM.

GENERAL CONSTRUCTION REQUIREMENTS:

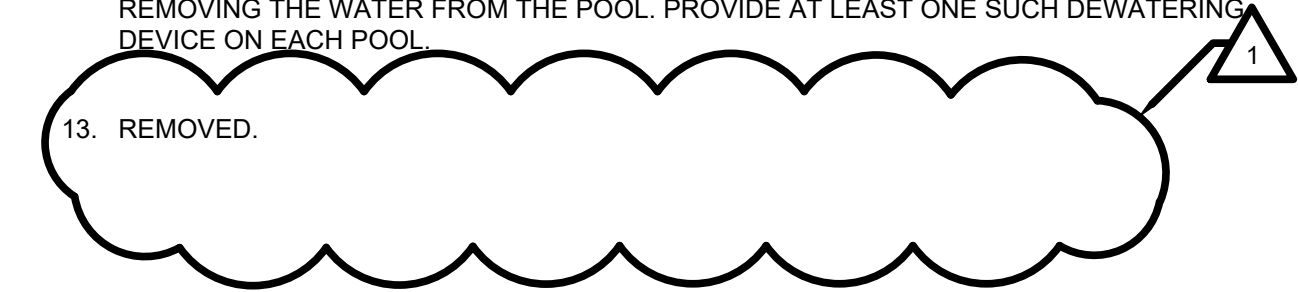
1. THE MINIMUM VERTICAL CLEARANCE ABOVE POOL WATER AND DECK IS 7 FEET.
2. **POOL WALL / FLOOR INSTALLATION DIMENSIONAL REQUIREMENTS:**
 - A. THE UPPER PART OF THE POOL WALLS IN AREAS OF 5 FEET DEPTH OR LESS SHALL BE WITHIN 5 DEGREES OF VERTICAL FOR A MINIMUM DEPTH OF 2.5 FEET AND THE RADIUS JOINING THE UPPER SECTION OF THE FLOOR SHALL NOT EXCEED 2.5 FEET.
 - B. THE UPPER PART OF THE POOL WALLS OVER 5 FEET DEEP SHALL BE WITHIN 5 DEGREES OF VERTICAL FOR A MINIMUM DEPTH EQUAL TO THE POOL DEPTH MINUS 2.5 FEET AND THE RADIUS JOINING THIS UPPER SECTION TO THE FLOOR SHALL NOT EXCEED 2.5 FEET.
3. REFER TO THE POOL DRAWINGS FOR FINISHING SURFACING MATERIALS FOR WALLS, FLOOR, AND COPING. FINISH COLORS, AND MATERIALS ARE SPECIFIED IN THESE DRAWINGS. THE INTERIOR SURFACE SHALL BE REFLECTIVE AND SLIP-RESISTANT IN NATURE TO ASSIST IN THE VIEWING OF PERSONS UNDERWATER, UNLESS OTHERWISE NOTED HEREIN. A MAXIMUM OF 0.5-INCHES SHALL BE PROVIDED FOR INTERIOR FINISHES FROM THE BEAM, WALLS, AND FLOORS OF THE POOL.
4. ALL DECKS THAT ARE LESS THAN 4-FT. WIDE SHALL BE OBSTRUCTED TO ASSIST IN PREVENTING BATHER'S ACCESS.

DECKING:

1. FINALIZE ALL DECK ELEVATIONS AT THE PROJECT SITE TO ALLOW FOR ADJACENT ELEVATIONS FOR OTHER STRUCTURES AND APPURTENANCES. PROVIDE THE ENGINEER A WRITTEN NOTICE OF ANY CHANGES OR REVISIONS NEEDED FOR DRAWING AND DOH COMPLIANCE.
2. SLOPE ALL DECKING AWAY FROM THE POOL AT A MINIMUM 2% (2.4-INCHES PER 10-FEET) AND A MAXIMUM 4% (4.8-INCHES PER 10-FEET).
3. POOL DECKS SHALL BE CONSTRUCTED OF IMPERVIOUS MATERIAL WITH SLIP RESISTANT FINISH.
4. THE FIRST 15-FEET OF DECK WALKWAY FROM THE POOL TOWARD THE POOL REST ROOMS SHALL ALSO BE OF A SMOOTH, NON-ABSORBENT, AND SLIP-RESISTANT MATERIAL.
5. INSTALL NO WOOD DECKING, WOOD EXPANSION JOINTS, RESILIENT SURFACES (SAF-DEK OR SIMILAR PRODUCTS), OR CARPETING IN DECK AREAS REGULATED BY DOH.
6. MINIMUM DECK WIDTH SHALL NOT BE LESS THAN 4 FOOT WIDE. WHEN THE COPING IS RAISED ABOVE THE DECK, THE CLEARANCE SHALL BE MEASURED FROM THE BACK OF THE COPING, HANDRAIL OR LADDER.
7. POOL DECK SHALL HAVE AN UNOBSTRUCTED WIDTH OF 4 FEET AROUND ENTIRE PERIMETER OF POOL AND HANDRAILS. PITS AND CREVICES MORE THAN 3/16-INCH ARE NOT PERMITTED.
8. THE VERTICAL CLEARANCE ABOVE THE POOL DECK SHALL BE A MINIMUM OF 7 FEET.

STRUCTURAL NOTES AND RESTRICTIONS:

1. THE SOIL / EARTH BENEATH EACH POOL AND ITS DECKING SHALL HAVE A SOIL DENSITY AND COMPACTION OF 95% MINIMUM OF THE OPTIMUM MODIFIED STANDARD PROCTOR TEST. NO DEFLECTIONS OR SETTLEMENT OF THE SOILS ARE PERMISSIBLE.
2. PROVIDE ALL REINFORCING STEEL (NEW AND FREE FROM RUST OR SCALE) WITHIN THE POOLS AND SPA AS:
 - a. GRADE #60, #4 REBARS, UNLESS OTHERWISE NOTED.
 - b. REBARS SHALL BE SPACED AT 12-IN O.C.B.W.
 - c. TIE ALL REBARS AT ALTERNATE INTERSECTIONS.
 - d. MINIMUM OVERLAP FOR ALL REBARS SHALL BE 40-BAR DIAMETERS OR 15-INCHES (WHICHEVER IS GREATER).
3. COVER ALL REINFORCING STEEL WITH A MINIMUM 3-INCHES OF CONCRETE.
4. THE REINFORCING INDICATED IS ADEQUATE ONLY WHERE THE BACKFILL IS A WELL-DRAINED, GRAVELLY MATERIAL.
5. THE POOL STRUCTURE SHALL BE 4,000-PSI CONCRETE AT 28 DAYS. THE CONCRETE MIX DESIGN SHALL PROVIDE A 0.45 WATER/CEMENT RATIO AND CONTAIN NO ADMIXTURES UNLESS PRE-APPROVED BY THIS ENGINEER.
6. THE ENTIRE CONCRETE STRUCTURE SHALL BE MAINTAINED IN A DAMPENED OR WATER-IMMERSED CONDITION FOR A MINIMUM 7-DAYS AFTER PLACEMENT TO ASSIST IN PROVIDING PROPER CURING.
7. PROVIDE A WATER-TIGHT, LEAK-PROOF STRUCTURE. IN ACCOMPLISHING A WATER-TIGHT STRUCTURE, PROVIDE THE FOLLOWING PROCEDURES AND PRACTICES:
 - a. FILL AROUND EACH FITTING AND NICHE WITH A NON-SHRINK, EXPANSIVE GROUT.
 - b. AVOID HONEYCOMBING. ANY HONEYCOMBING DISCOVERED SHALL BE CHIPPED, CLEANED AND CORRECTED AS REQUIRED BY PROJECT ARCHITECT OR ENGINEER.
 - c. INSTALL THE POOL BEAM STRUCTURE SO THAT THE TOP OF THE POOL BEAM IS AT LEAST 2-INCHES ABOVE THE NORMAL WATER ELEVATION.
8. THE POOL STRUCTURE(S) IS NOT DESIGNED TO WITH STAND HYDROSTATIC UPLIFT OR GROUND-WATER CONDITIONS THAT COULD CAUSE FLOATING OF THE STRUCTURE. THE HYDROSTATIC RELIEF VALVES AND/OR POOL PLUGS SPECIFIED SHALL BE PROVIDED TO ASSIST IN THIS AREA OF CONCERN. PROVIDE THE EXACT LOCATION OF THE HYDROSTATIC RELIEF VALVES ON THE OFFICIAL "AS-BUILT" RECORD SET OF DRAWING SUBMITTALS.
9. LOCATE 1-CUBIC FOOT OF 3/4-INCH CRUSHED STONE BENEATH EACH HYDROSTATIC RELIEF PLUG.
10. PUNCTURE THE VAPOR BARRIER AT EACH HYDROSTATIC RELIEF LOCATION.
11. PROVIDE A 6-INCH MINIMUM ROCK THICKNESS BENEATH THE POOL FLOOR (THIS THICKNESS MAY BE INCREASED TO A GREATER THICKNESS DEPENDING ON GROUND WATER ENCOUNTERED).
12. PROVIDE A DEADLINE-TYPE DEWATERING PIPE FROM THE ROCK BED BELOW THE MAIN DRAIN SUMP TO THE SURFACE FOR FUTURE ACCESSIBILITY AND TO ASSIST IN SAFELY REMOVING THE WATER FROM THE POOL. PROVIDE AT LEAST ONE SUCH DEWATERING DEVICE ON EACH POOL.



DEPTH MARKERS:

1. PERMANENT DEPTH MARKERS SHALL BE PLACED ON THE UPPER-MOST POOL WALLS AND DECK EDGE AT THE SHALLOW-END, SLOPE BREAK, AND DEEP END AREAS OF THE POOL PER THE REQUIREMENTS OF THESE DRAWINGS. ADDITIONAL DEPTH MARKINGS SHALL BE PLACED TO MAINTAIN A MAXIMUM 25-FOOT SPACING BETWEEN ALL MARKINGS. THE LETTERING SHALL BE A CONTRASTING COLOR TO THE BACKGROUND.
2. EACH DEPTH MARKING AND "NO DIVING" MARKING LOCATED ON THE DECK SURFACE (WITHIN 2- FEET OF THE WATER'S EDGE) SHALL BE OF A SLIP-RESISTANT MATERIAL. SHALL BE 4-INCH HIGH, NOT TO EXCEED SPACING OF 25- FEET AROUND POOL AND BE CONTRASTING IN COLOR. AN APPROVED UNIVERSAL "NO DIVING SYMBOL" (USING THE COLOR "RED") MAY BE SUBSTITUTED FOR THE ABOVE "NO DIVING" MARKING. THE ASSOCIATED DEPTH AND NO DIVING MARKERS SHALL BE PRESENT ON THE WATERLINE LINE OF THE POOL.
3. THE MINIMUM LETTER HEIGHT OF EACH DEPTH MARKING SHALL BE 4-INCHES.
4. THE ONLY AUTHORIZED ABBREVIATION FOR "FEET", "INCHES", AND "METERS" SHALL BE "FT.", "IN" AND "M" RESPECTIVELY.
5. ALL DEPTH MARKINGS SHALL BE LOCATED TO ACCURATELY DEPICT THE ACTUAL WATER DEPTH WITHIN 3-INCHES PROPER DETERMINATION OF THIS RULE COMPLIANCE SHALL REQUIRE MEASURING THE WATER DEPTH AT A LOCATION 3- FEET HORIZONTAL FROM THE VERTICAL WALL DEPTH MARKING.
6. THE DEPTH AT THE DEEPEST POINT/MAIN DRAIN GRATE SHALL NOT DEVIATE MORE THAN 3-INCHES FROM THE SIDEWALL DEPTH MARKINGS AT THAT LOCATION.

PIPING INSTALLATION REQUIREMENTS:

1. THE PIPING DIAGRAMS, PLACEMENTS, AND LAYOUTS SHOWN IN THESE DRAWINGS SHALL BE FOLLOWED WITHOUT EXCEPTION UNLESS WRITTEN AUTHORIZATION FROM THIS ENGINEER IS PROVIDED.
2. THE PIPING SYSTEMS INDICATED IN THESE DRAWINGS ARE SHOWN IN A DIAGRAMMATIC VIEW ONLY. THE CONTRACTOR SHALL PROVIDE ALL PIPING AND FITTINGS REQUIRED FOR THE COMPLETE INSTALLATION.
3. THE CONTRACTOR SHALL PROVIDE AND COMPLY WITH ALL PIPING INSPECTIONS THAT MAY BE REQUIRED BY DEPARTMENT OF HEALTH AND LOCAL BUILDING OFFICIALS.
4. THE CONTRACTOR SHALL PROVIDE PIPE HANGER DETAILS TO THE ENGINEER FOR WRITTEN APPROVAL PRIOR TO THE INSTALLATION.
5. PIPING PRESSURE TESTING SHALL BE COORDINATED BY THE CONTRACTOR AND SHALL BE CONSIDERED INCIDENTAL TO THE WORK OF THE CONTRACT. THE ENGINEER SHALL BE ON-SITE DURING PRESSURE TESTING. ALL PIPING SHALL CONFORM TO ACCEPTED WORKMANSHIP STANDARDS AND SHALL BE TESTED AS FOLLOWS:
 - A. ALL PRESSURE PIPING MUST BE TESTED BY MEANS OF WATER PRESSURE TO A MINIMUM OF 35 P.S.I. FOR 3 HOURS PRIOR TO BACKFILLING OR FILLING OF THE PLUMBING TRENCHES. MAINTAIN THE PRESSURE TEST ON THE PIPING SYSTEM THROUGHOUT THE PROJECT UNTIL SYSTEM IS COMMISSIONED.

THE ELECTRICAL CONTRACTOR SHALL GROUND AND BOND ALL ELECTRICAL EQUIPMENT, SPLASH PAD REINFORCING, POOL ACCESSORIES, AND PIPING IN ACCORDANCE WITH NATIONAL ELECTRIC CODE REQUIREMENTS, ARTICLE 680. THE ELECTRICAL CONTRACTOR SHALL OBTAIN A COPY OF ALL APPLICABLE LOCAL STATE ELECTRICAL CODE REGULATIONS.

Project:

TOWN OF GLASTONBURY



**Grange Swimming Pool
Repair**
500 Hopewell Rd
Glastonbury, CT 06073

Weston & Sampson

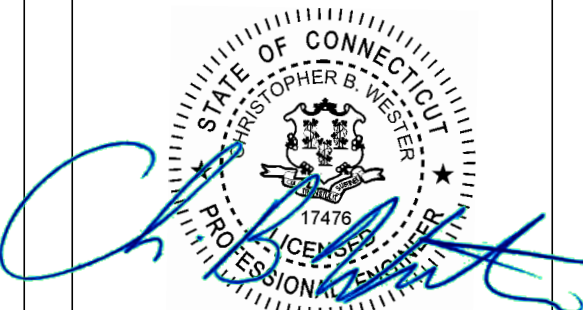
Weston & Sampson Architects, Inc.
273 Dividend Road,
Rocky Hill, CT 06067
860.513.1473 800.SAMPSON
www.westonandsampson.com

Consultants:

Revisions:

Rev	Date	Description
1	02.27.19	ADDENDUM #1

Seal:



**CONSTRUCTION
DOCUMENTS**

Date: 02.11.2019

Scale: AS NOTED

Drawn By: SAA

Reviewed By: MPM

Checked By: MPM

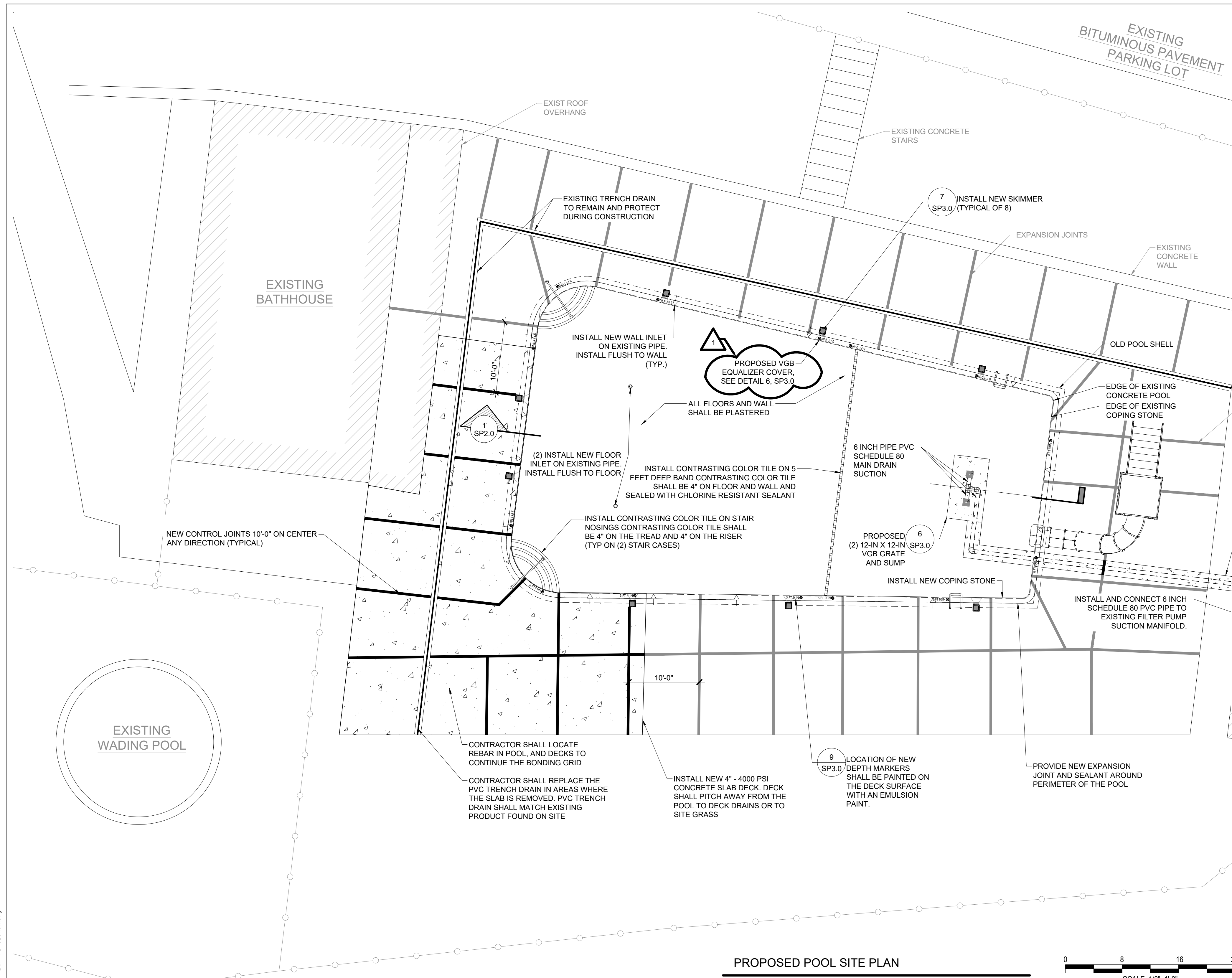
Approved By: CBW

Drawing Title:

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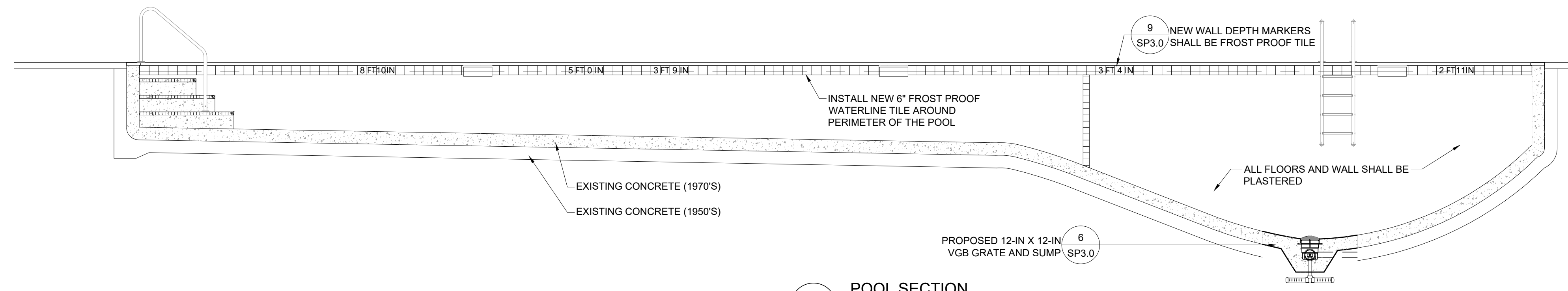
Sheet Number:

SP0.0



POOL EQUIPMENT SCHEDULE				
PERIMETER OVERFLOW AND RECIRCULATION SYSTEM				
QTY	ITEM	MANUFACTURER	CAT NO.	DESCRIPTION
2	MAIN DRAIN GRATE & SUMP	LAWSON AQUATICS	MLD-FG-1212-WT	12-INCH BY 12-INCH PVC SUMP/GRATE DOMED WITH 4-INCH SIDE PORT. COMPLY WITH ASME/ANSI A112.19.8-2007 UNBLOCKABLE REQUIREMENTS. OPEN AREA PROVIDED 81.30 SQ. IN., 223 GPM.
2	HYDROSTATIC VALVE	HAYWARD	SP1056	HYDROSTATIC RELIEF VALVE
2	COL. TUBE	HAYWARD	SP1055	COMMERCIAL COLLECTOR TUBE
8	SKIMMER	HAYWARD	SP1082	NSF APPROVED SKIMMER, EQUALIZER, 2-INCH SLIP, FLAP WEIR
2	FLOOR INLET COVER	HAYWARD	SP1425	FLOW ADJUSTABLE, FLUSH MOUNTED FLOOR INLET, 1 1/2-IN SLIP BY 2-IN MPT CONNECTION.
18	WALL INLETS	HAYWARD	SP1419D	FLOW ADJUSTABLE, FLUSH MOUNTED 3/4-IN. ORIFICE WALL INLET, 1 1/2-IN SLIP
1	WEDGE ANCHORS	SR SMITH	AS-104MG	4-INCH STAINLESS STEEL ANCHOR ASSEMBLY FOR 1.90 INCH O.D. COMMERCIAL RAILS, SOCKET WITH GROUNDING LUG. EACH SOCKET SHALL BE PROPERLY GROUNDED IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE STANDARDS.
8	EQUALIZER	WATERWAY	640-394XVP	5.25 INCH ROUND PVC GRATE COMPLY WITH ANSI/ASPS 16-2011 AND NSF 60-2009a UNBLOCKABLE REQUIREMENTS INCLUDING SUMP WITH BOTTOM PORT. OPEN AREA PROVIDED 11.4 SQ IN PER DRAIN.

PROPOSED POOL SITE PLAN
SCALE: 1/8" = 1'-0"



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

NOTES:

- CONTRACTOR SHALL PROVIDE AN ALLOWANCE OF UP TO 100 SF OF DECK REPAIRS. REPAIRS SHALL BE PERFORMED IN ACCORDANCE WITH DETAIL #2 ON SP 3.0.
- INTERIOR POOL CONCRETE REPAIRS SHALL BE PATCHED WITH SPECIFIED PATCH MATERIAL FOUND IN SPECIFICATION 03 01 30.62
- CONTRACTOR SHALL FIELD VERIFY DEPTH PRIOR TO ORDERING AND INSTALLATION FLOOR AND WALL DEPTH MARKERS.
- CONTRACTOR SHALL REINSTALL ANY DECK OVER ANCHORS REMOVED DURING SLAB REPLACEMENT.
- CONTRACTOR SHALL CHIP AND REPLACE ALL WALL AND FLOOR INLETS IN THE POOL.
- CONTRACTOR SHALL BALANCE POOL, FURNISHING ALL CHEMICALS, AND LABOR UNTIL HEALTH DEPARTMENT HAS FORMALLY ACCEPTED THE POOL FOR SEASONAL USE.
- CONTRACTOR SHALL INSTALL NEW PVC DECK DRAIN IN SECTIONS WHERE THE SLAB IS TO BE REPLACED WITH SIMILAR TRENCH MATERIAL.

THE ELECTRICAL CONTRACTOR SHALL GROUND AND BOND ALL ELECTRICAL EQUIPMENT, SPLASH PAD REINFORCING, POOL ACCESSORIES, AND PIPING IN ACCORDANCE WITH NATIONAL ELECTRIC CODE REQUIREMENTS, ARTICLE 680. THE ELECTRICAL CONTRACTOR SHALL OBTAIN A COPY OF ALL APPLICABLE LOCAL STATE ELECTRICAL CODE REGULATIONS.

Project:
TOWN OF GLASTONBURY

Grange Swimming Pool Repair
500 Hopewell Rd
Glastonbury, CT 06073

Weston & Sampson
Weston & Sampson Architects, Inc.
273 Dividend Road,
Rocky Hill, CT 06067
860.513.1473 800.SAMPSON
www.westonandsampson.com

Consultants:

Revisions:

Rev	Date	Description
1	02.27.19	ADDENDUM #1

Seal:

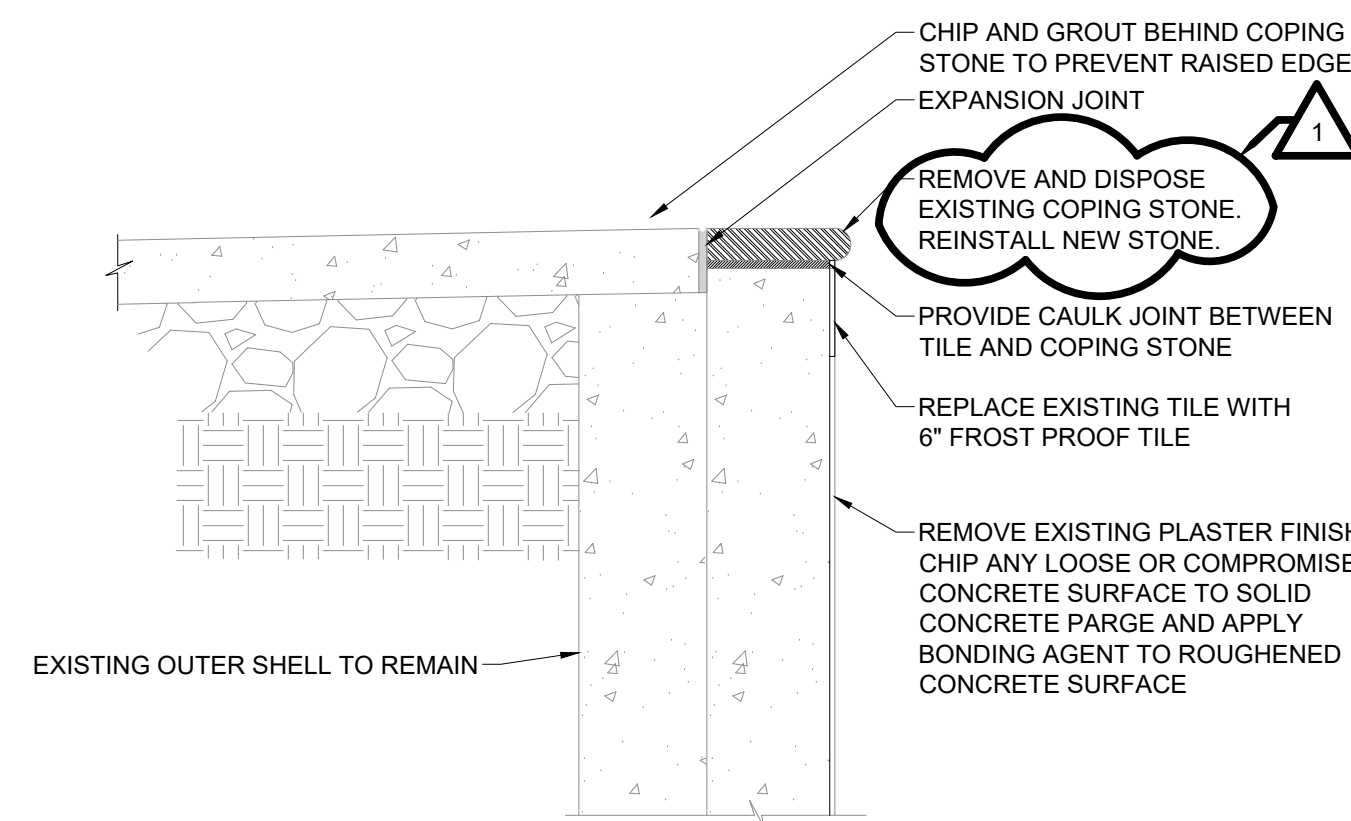
CONSTRUCTION DOCUMENTS

Date: 02.11.2019
Scale: AS NOTED
Drawn By: SAA
Reviewed By: MPM
Checked By: MPM
Approved By: CBW

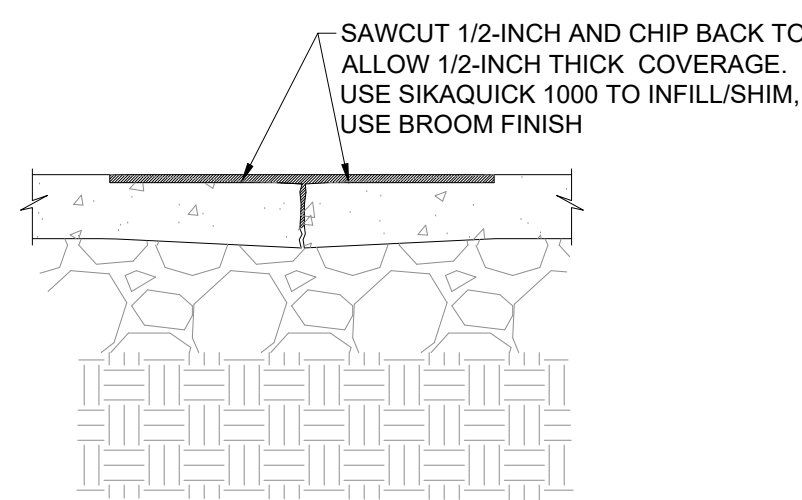
Drawing Title:
PROPOSED PLAN AND SECTION

Sheet Number:
SP2.0

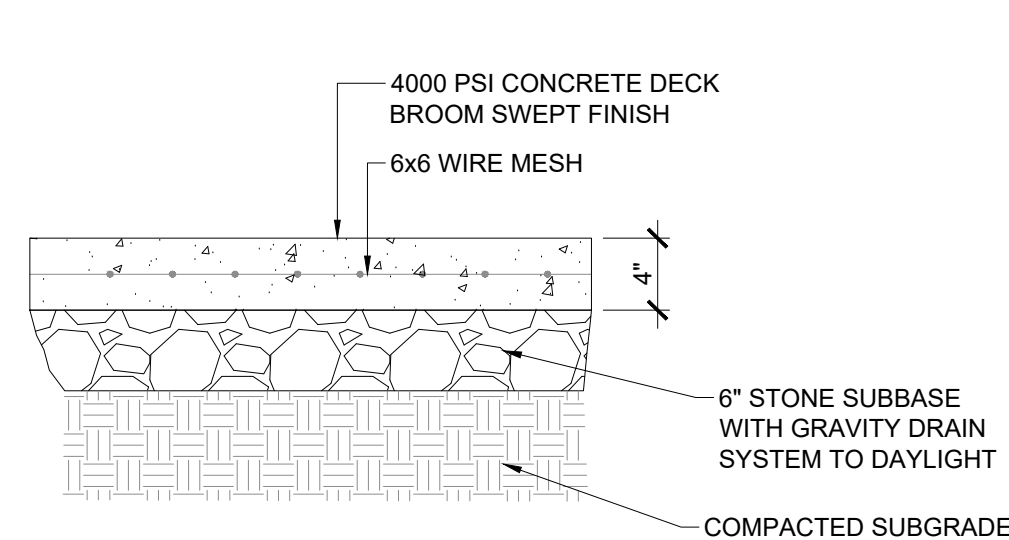
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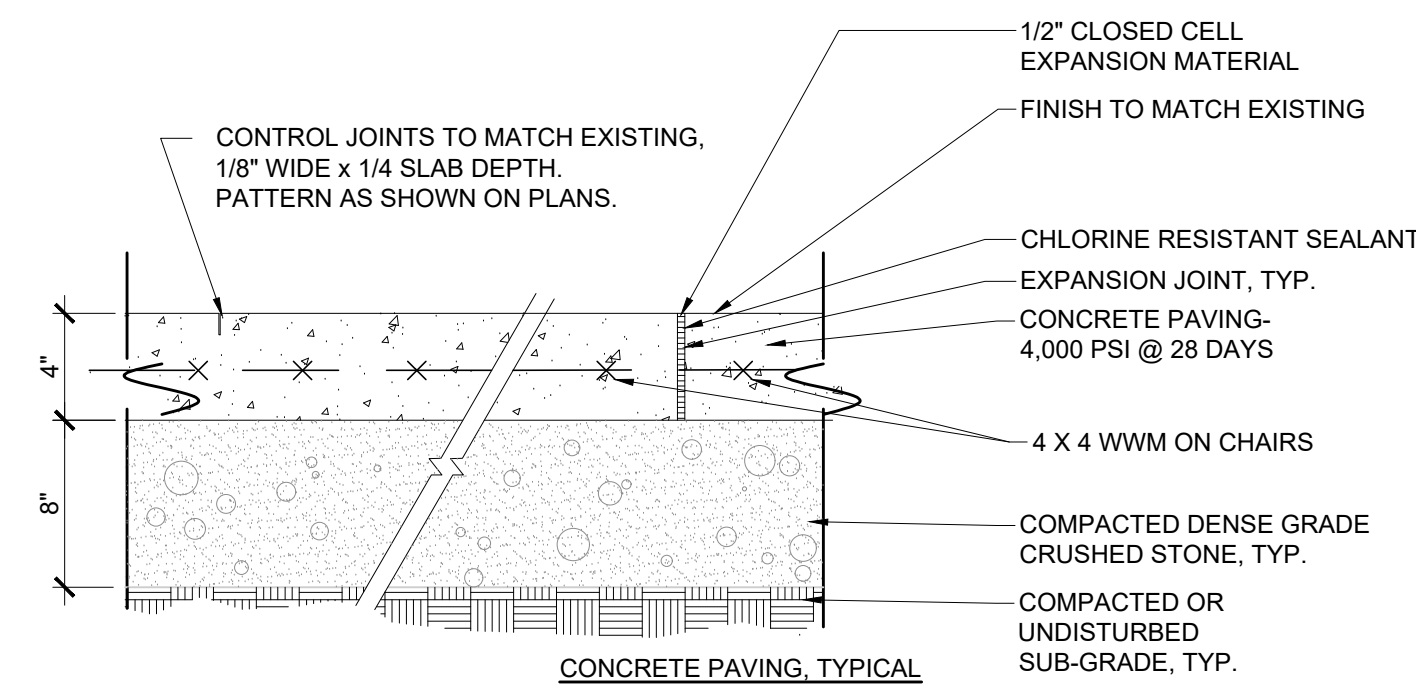
1 POOL WALL AND COPING
SCALE: NOT TO SCALE



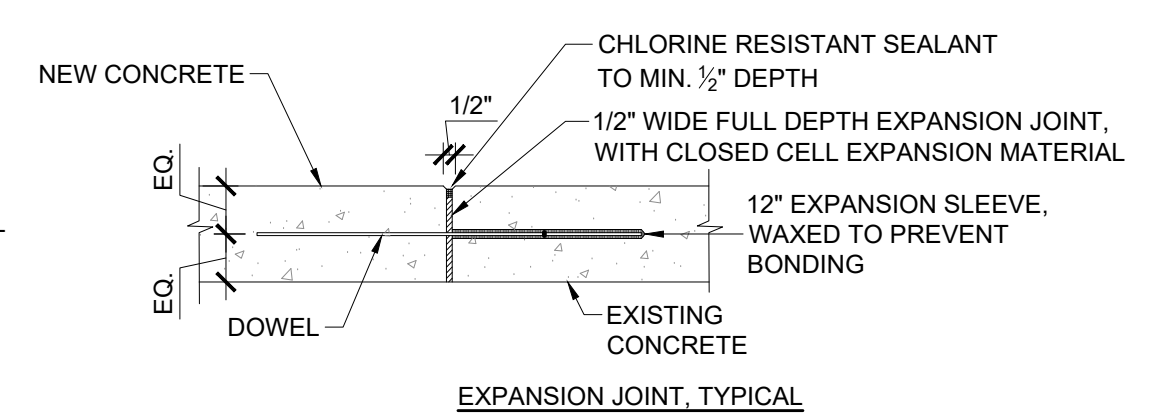
2 EXISTING DECK REPAIR
SCALE: NOT TO SCALE



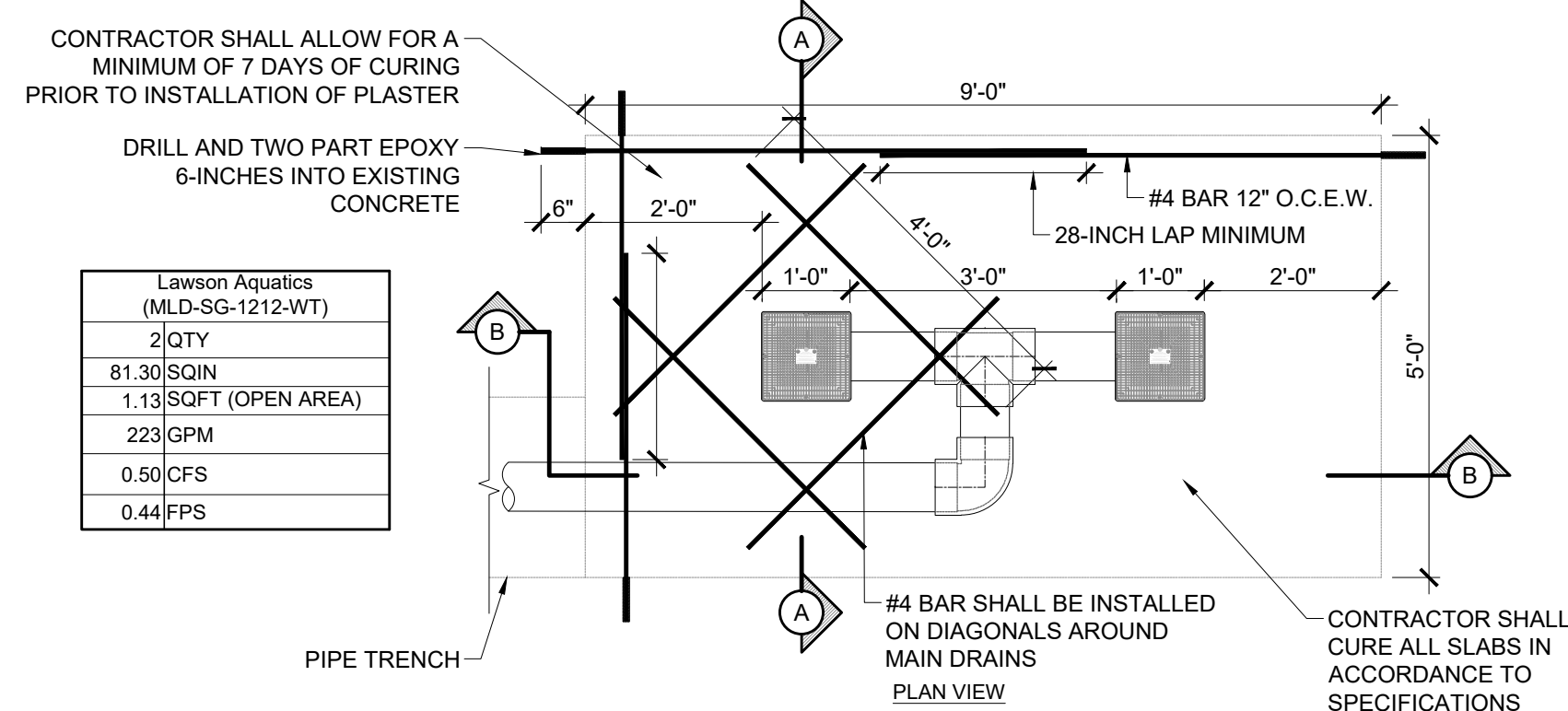
3 NEW DECK
SCALE: 3/4\"/>



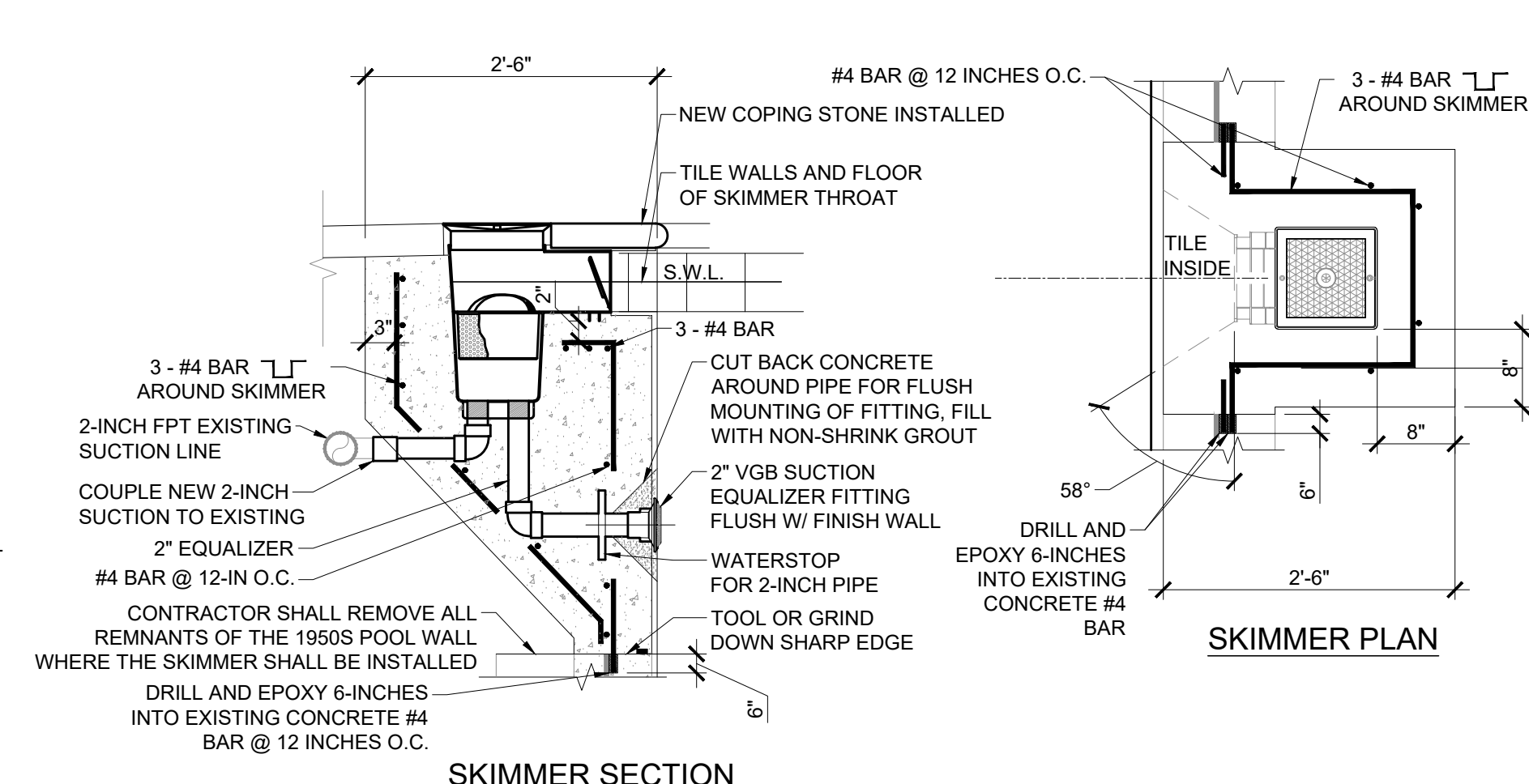
4 NEW CONCRETE TO EXISTING SLAB
SCALE: NOT TO SCALE



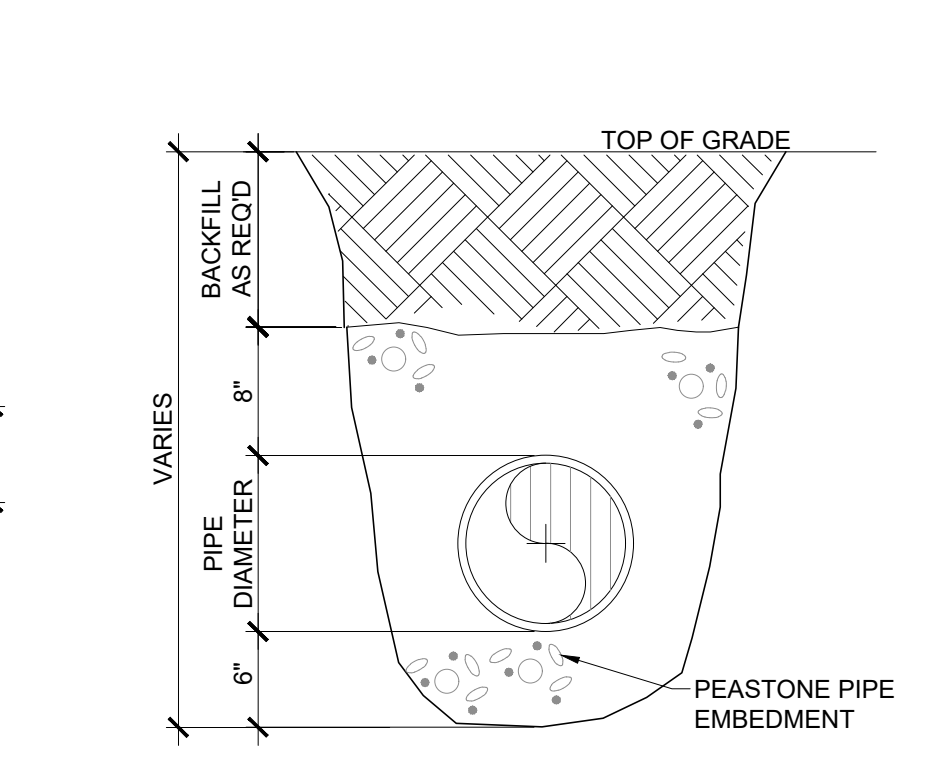
5 NEW EXPANSION JOINT
SCALE: NOT TO SCALE



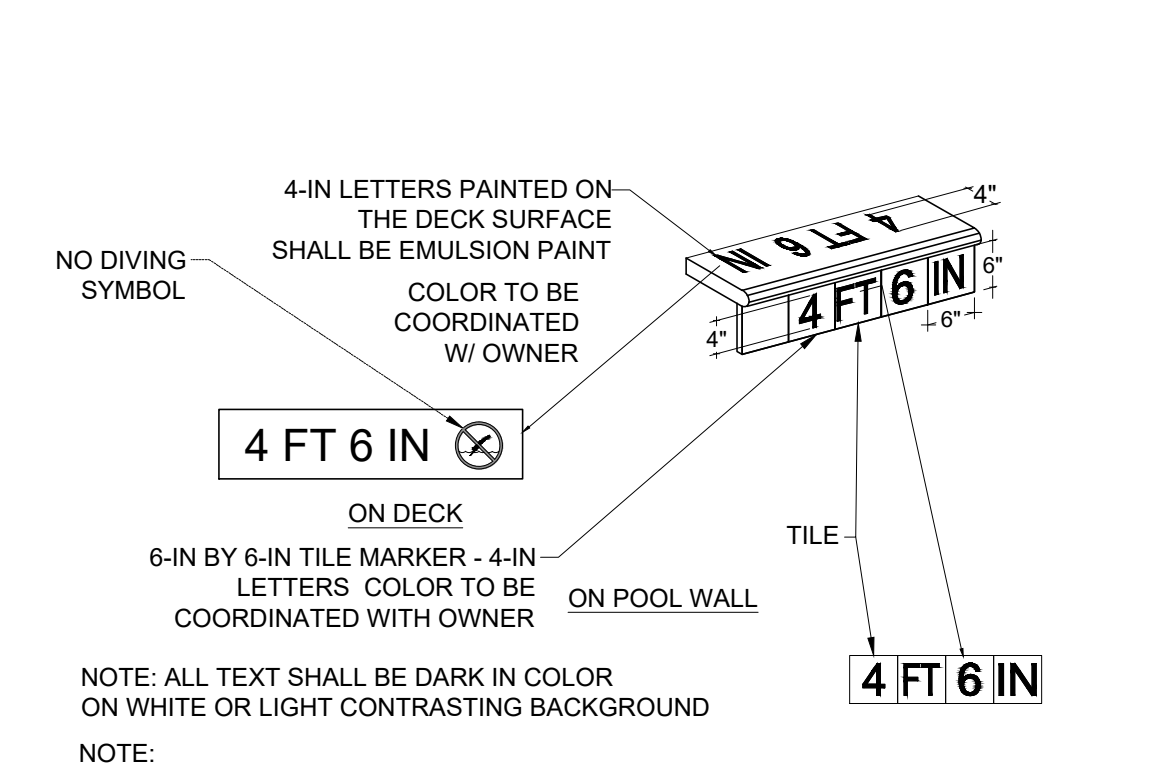
6 NEW MAIN DRAIN
SCALE: 1/2\"/>



7 NEW SKIMMER
SCALE: 3/4\"/>



8 TRENCH
SCALE: NOT TO SCALE



9 NEW DEPTH MARKER
SCALE: 1/2\"/>

NOTE:
1. ALL MAIN DRAINS, MAIN DRAIN GRATES, MAIN DRAIN PIPING ARE DESIGNED AND WILL BE BUILT ACCORDING TO THE VIRGINIA GRAEME BAKER POOL & SPA SAFETY ACT
2. APPLY CONCRETE BONDING AGENT PER MANUFACTURER'S RECOMMENDATIONS PRIOR TO PLACING NEW CONCRETE.

THE ELECTRICAL CONTRACTOR SHALL GROUND AND BOND ALL ELECTRICAL EQUIPMENT, SPLASH PAD REINFORCING, POOL ACCESSORIES, AND PIPING IN ACCORDANCE WITH NATIONAL ELECTRIC CODE REQUIREMENTS, ARTICLE 680. THE ELECTRICAL CONTRACTOR SHALL OBTAIN A COPY OF ALL APPLICABLE LOCAL STATE ELECTRICAL CODE REGULATIONS.

Project:
TOWN OF GLASTONBURY

Grange Swimming Pool Repair
500 Hopewell Rd
Glastonbury, CT 06073

Weston & Sampson
Weston & Sampson Architects, Inc.
273 Dividend Road,
Rocky Hill, CT 06067
860.513.1473 800.SAMPSON
www.westonandsampson.com

Consultants:

Revisions:

Rev	Date	Description
1	02.27.19	ADDENDUM #1

Seal:

CONSTRUCTION DOCUMENTS

Date: 02.11.2019
Scale: AS NOTED
Drawn By: SAA
Reviewed By: MPM
Checked By: MPM
Approved By: CBW

Drawing Title:
GENERAL DETAILS

Sheet Number:
SP3.0

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