ADDENDUM No. 01 September 7, 2016

AW Stanley Park and Aquatic Facility Improvements

New Britain, Connecticut City of New Britain Bid Number 3896

The following changes and/or clarifications are hereby made to the Contract Documents dated August 22, 2016 for the above captioned project.

GENERAL INFORMATION

1) Invitation to Bid: (Bid Date and Time):

a) The Bid Dtae and Time has been changed to Tuesday, September 20 at 11:00 AM. All other provisions of the Contract Documents, including the Invitation to Bid, Instructions to Bidders and General Conditions shall remain unchanged.

2) Contact for Bid Phase RFI's or Questions:

a) All questions during the bid phase shall be provided in writing to Michael P. Fortuna, AIA at mfortuna@tlbarchitecture.com or by fax to 860-526-9020 or by mail to TLB Architecture, 92 West Main Street, Chester, CT 06412. The last day for RFI's or questions shall be September 14, 2016.

PROJECT MANUAL and SPECIFICATIONS

3) Section 012100 "Allowances"; 3.3

a) Add "C. Allowance No. 3: Lump Sum Allowance: Preparation of CTDEEP General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities. Include the sum of \$15,000." The Scope of Work and Proposal is attached for review. Following Contract signing, the contractor shall enter into agreement with NLJA to perform this Work and shall pay for same with the Allowance funds in the Contract.

4) Section 061216 "Structural Insulating Panels"

a) Modify Article 2.2 as follows:

2.2 STRUCTURAL INSULATED PANELS

- A. Murus Polyurethane Structural Insulated Panel (SIP) with Polyurethane Core: A stress skin panel manufactured using the proprietary manufacturing method of Uniform Dispersion Molding (UDM) complying with the following:
 - 1. Panel Type: MURUS CLAD-2100PUR Structural Insulated Panel, OSB/PUR Foam Core/OSB/Pine Cladding.
 - 2. Thermal Characteristics: 6-5/8 inches thick SIP with R-41.
 - 3. Polyurethane Closed Cell Foam: Minimum of 2.2 pcf (35 kg/cu m) insulation meeting manufacturers quality standards and the following:

- a. K Factor (aged foam): .145, ASTM C 518.
- b. Compressive Strength: 23 psi, ASTM D 1621.
- c. Compressive MOE: 682 psi, ASTM D 1621.
- d. Shear Strength: 31 psi, ASTM C 273.
- e. Shear Modulus: 203 psi, ASTM C 273.
- f. Flexure MOR: 52 psi, ASTM C 203.
- g. Flexure Modulus (MD): 587 psi, ASTM C 203.
- h. Tensile Strength: 37 psi, ASTM D 1623.
- i. Tensile Modulus: 611 psi, ASTM D 1623.
- 1) WVT/Perm Inches: 1.0, ASTM E 96.
- 2) Foam Fire Rating: Class 1, UL723.
- 3) Flame Spread: 20, UL723.
- 4) Smoke Developed: 300, UL723.
- 5) Transverse Load: ASTM E 72.
- 6) Combined Axial and Bending: ASTM E 72.
- 4. OSB: APA performance rating mark shall be identified on the panel, with an Exposure 1 durability rating; minimum physical properties shall be tested and described in APA PRP-108 or NIST PS 2. 7/16 inch (11 mm) thickness unless noted otherwise.
- 5. Cam Locks: If indicated or required, shall be installed in the panel during the manufacturing process.
- 6. Wiring Chases: If indicated or required, shall be formed into the panel during the manufacturing process.
- 7. Sizes: As indicated; Murus polyurethane SIPs are available in sizes from 4 feet by 4 feet to 4 feet by 24 feet (1219 mm by 1219 mm to 1219 mm by 7315 mm).

5) Section 087100 "Door Hardware"

- a) Article 2.7 Keying, B2. Change to read as follows:
 - 2. Quantity: In addition to one extra key blank for each lock, provide the following:
 - a. Cylinder Change Keys: Three.
 - b. Master Keys: Twenty-Five.

DRAWINGS

6) GT1.1

a) The drawing, dated 8/22/16, is added in its entirety.

7) Drawings AD3.1, A3.1, A3.2, A4.1 and A4.2

a) These drawings are dated 7/15/16 but represent the latest drawings. Any reference to the Drawings Set, dated 8/22/16 shall include these drawings.

8) Drawing L1.31

a) Modify Grading and Work Limit Line, as indicated in LSK-L1.31-01, dated 9/7/16.

9) Drawing C2.2

a) Modify Grading and Work Limit Line, as indicated in CSK-C2.2-01, dated 9/6/16.

10) Drawing C3.2

a) Modify Grading and Work Limit Line, as indicated in CSK-C3.2-01, dated 9/6/16.

11) Drawing L5.00

a) Modify Curb Steps as indicated in LSK-L5.00-01, dated 9/7/16.

12) Drawing S1.1

- a) Add beam sizes as noted in SSK-S1.1-01, dated 9/7/16.
- b) Change SIPs Panel Dimension from 11 3/8" to 6 ½". The underside of SIPs panel elevations shall remain unchanged. The thickness of the roof will be less and elevation call-outs and dimensions on building elevations, sections and details shall be adjusted accordingly.

13) Drawing SP2.1 - A-Pipe Schedule

- a) Delete "Spray Feature Return 2 VOR 7773 1 ½" 1.27 fps Max. 4-7 GPM"
- b) Add "Spray Feature Return 2 VOR 0103 1 ½" 2.7 fps Max. 9 15 GPM"

14) Drawing SP6.4

- a) Delete one of the B water Features (VOR 7773)
- b) Add one Type D Vortex "Bucket Trio" Feature (VOR0103)

15) Drawing E-3, Lighting Specifications

- a) Delete Fixture Type BB.
- b) Site Lighting at Basketball court shall be Type BB (ALT), as specified.

16) Drawing E-3, Lighting Specifications

a) Change Type 'X' to the following:

Manufacturer: Cooper Lighting PC3
Catalog Number: PC3RU

Fixture Description: Exit Sign with EM Twin Heads

Voltage: 120
Lamp & Designation: LED
Ballast: N/A
Mounting: Universal
Housing: Polycarbonate

Lens/Louver: N/A

Remarks: Provide with sealed lead calcium battery

SUBSTITUTION REQUESTS

17) Section 033000 - 2.4A:

a) Viper II, 15-Mil Vapor barrier, manufactured by Insulation Solutions is approved as equivalent to the specified material.

QUESTIONS FROM BIDDERS (Not addressed above)

- 18) With regard to the existing 6" water main that is being lowered from sta 0+80 to 2+45.
 - a. Can you confirm that the existing pipe is ductile iron pipe?

Response: We cannot confirm the material. For bidding purpose, assume it is ductile iron.

b. The drawings call for us to install a 6x4" tapping sleeve and valve on the 6" line that is being lowered, since the line is being lowered can we install a 6x4" tee with a 4" GV on the line in lieu of tapping the line? This will have a cost savings to the City.

Response: The proposed solution would be an acceptable alternative.

c. The drawings call for a 6" insertion valve to be installed on the existing 6" line, presumably to isolate the line we are lowering. However the drawings do not illustrate a gate valve on the opposite end of this run which would allow us to shut the section of water main down. Can you confirm that there is an existing gate valve that can be closed to isolate our run with?

Response: For bidding purposes, assume that there is an operable valve that would allow isolation of the line.

19) The contract documents, Drawing E2, requires the new fire alarm to be tied to into the existing fire alarm system located in the maintenance building. What is the manufacturer of the existing fire alarm system?

Response: The contract documents (Drawing E2) indicates to connect the bathhouse fire alarm system to the Maintenance Building system, but both buildings and both fire alarm systems are new. There is no existing system.

20) Can we have a column schedule for glulam columns?

Response: All of the columns are 5.5" x 5.5", as noted and detailed.

21) On drawing S1.1, please provide a framing plan for the lobby roof between the men's and women's bathroom?

Response: The framing plan for the Lobby Roof is on Drawing 1 / S1.1 and also indicated on Drawing 11/S4.1.

22) On drawing L1.22, the bid alternate 1, overlook deck, says see architectural and structural plan for details, but I don't see anything on the architectural and structural documents show the overlook deck. Please provide details.

Response: Details are forthcoming in Addendum #2.

ATTACHMENTS

- 1. Drawing GT 1.1, dated 8/22/16
- 2. Draawing S1.1 with Revision #1, dated 9/7/16
- 3. LSK-L1.31-01, dated 9/7/16
- 4. LSK-L5.00-01, dated 9/7/16
- 5. CSK-C2.2-01, dated 9/6/16
- 6. CSK-C3.2-01, dated 9/6/16
- 7. Draft Proposal and Contract for Preparation of CTDEEP General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities.
- 8. Plan Holders List and List of Pre-Bid Attendees. (This represents those who attended the Pre-Bid Conference and those that received drawings through Joseph Merritt & Co. There is no record of plan holders who obtained drawings from the City of New Britain Website)

END OF ADDENDUM

<u>GENERAL</u>

1. REFER TO GNCB "REPORT ON GEOTECHNICAL ENGINEERING INVESTIGATION FOR NEW POOL AND BATHHOUSE AT STANLEY PARK, NEW BRITAIN, CONNECTICUT," DATED JULY 28, 2016 AND TO PROJECT SPECIFICATION 312500 "STRUCTURAL EXCAVATION AND BACKFILL" FOR ADDITIONAL INFORMATION ON SUBSURFACE CONDITIONS AND GEOTECHNICAL ENGINEERING REQUIREMENTS

FOR THE PROJECT. 2. ELEVATIONS ARE IN FEET AND REFER TO NAVD 1988 DATUM.

DETAILS SHOWN ARE FOR PURPOSES OF DEPICTING GEOTECHNICAL ENGINEERING CRITERIA; REFER TO FOUNDATION PLANS AND SECTIONS FOR STRUCTURAL DETAILS.

4. CONTRACTOR TO NOTIFY PROJECT SPECIAL INSPECTOR AND/OR ARCHITECT WHEN BUILDING FOUNDATION ACTIVITIES ARE TO BE COMPLETED, SO THAT THE SPECIAL INSPECTOR CAN MAKE NECESSARY OBSERVATIONS AND COMPLETE TESTING.

EXCAVATION

1. REMOVE ALL TOPSOIL, MAN-PLACED FILL, SUBSOIL, AND ANY OTHER UNSUITABLE MATERIAL TO EXPOSE THE TOP OF NATURAL INORGANIC GLACIAL TILL, AT POOL AND BUILDING AREAS PRIOR TO COMPLETING FURTHER EXCAVATION TO DESIGN SUBGRADE AND/OR PLACEMENT OF COMPACTED STRUCTURAL FILL/CRUSHED STONE.

2. THE NATURAL INORGANIC GLACIAL TILL EXPECTED AT THE STRUCTURE AREAS TYPICALLY CONSISTS OF A DENSE TO VERY DENSE RED-BROWN SILTY MEDIUM TO FINE SAND, LITTLE GRAVEL TO FINE SANDY SILT.

3. THE TEST BORINGS REVEALED TWO AREAS (AT THE POOL TRANSITION BETWEEN THE LAP AND DEEP POOL AND AT THE MAINTENANCE BUILDING) WHERE UNSUITABLE EXISTING MAN-PLACED FILL EXISTS AT AND BELOW ANTICIPATED BOTTOM OF FOOTING OR POOL MAT STONE; REFER TO THE CROSS HATCH AREAS SHOWN ON THE TEST BORING PLAN. THESE UNSUITABLE AREAS WILL NEED TO BE OVER-EXCAVATED AND REPLACED WITH COMPACTED STRUCTURAL FILL; EXTEND THE EXCAVATION OF UNSUITABLE MATERIAL TO LATERAL LIMITS REQUIRED FOR PLACEMENT OF COMPACTED STRUCTURAL FILL, AS SHOWN ON THE ATTACHED SECTION B-B.

4. AT THE POOL PLACE A MINIMUM 18 IN. OF CRUSHED STONE BELOW THE MAT AS SHOWN ON SECTION A-A.

5. PRIOR TO PLACING ANY COMPACTED STRUCTURAL/CRUSHED STONE AT POOL AND BUILDING AREAS, RECOMPACT THE TOP OF THE EXPOSED NATURAL GLACIAL TILL SURFACE WITH AT LEAST SIX (6) PASSES OF A HEAVY VIBRATORY ROLLER. REPLACE ANY SOFT SOILS REVEALED BY THE RECOMPACTION WITH COMPACTED STRUCTURAL FILL.

6. THE PROJECT GEOTECHNICAL ENGINEER MAY WAIVE THE REQUIREMENT FOR RECOMPACTION IF IT IS DETERMINED THAT GROUNDWATER IS CLOSE BY OR THE RECOMPACTION EFFORT IS NOT

7. THE ON-SITE GLACIAL TILL SOIL TO BE EXCAVATED FROM THE POOL AREA IS A SILTY MATERIAL (I..E. HAS A HIGH PERCENTAGE OF MATERIAL PASSING THE NO. 200 SIEVE) AND AS SUCH THE MATERIAL IF BECOMES WET CAN BE DIFFICULT TO PLACE AND COMPACT. IF EXCAVATED SOIL NEEDS TO BE STOCKPILED FOR LATTER USE ON THE SITE, SUCH AS AT PAVED AND COMMON FILL AREAS, THE CONTRACTOR MUST TAKE PROPER MEASURES, SUCH AS GRADING THE STOCKPILE TO SHED WATER AND/OR COVER THE PILE WITH PLASTIC, TO PROTECT THE STOCKPILE FROM BECOMING SATURATED.

COMPACTED STRUCTRUAL FILL AND CRUSHED STONE

COMPACTED STRUCTURAL FILL (OR 3/4 IN. SIZE CRUSHED STONE AT POOL AREAS) ARE THE ONLY APPROVED MATERIALS FOR USE AS BACKFILL WITHIN THE POOL AND BUILDING LIMITS. 2. DO NOT PLACE COMPACTED STRUCTURAL FILL BELOW POOL AND BUILDINGS WITHOUT THE SPECIAL INSPECTOR ON SITE TO OBSERVE THE WORK AND TO COMPLETE REQUIRED FIELD DENSITY TESTING.

COMPACTED STRUCTURAL FILL SHALL CONSIST OF A WELL-GRADED SAND AND GRAVEL THAT IS FREE OF ICE, SNOW, OR OTHER DELETERIOUS MATERIAL, AND IS GRADED WITHIN THE FOLLOWING

SIEVE SIZE PERCENT FINER BY WEIGHT

LIMITS AS SHOWN ON THE ATTACHED SECTION B-B.

4 IN.	100
¾ in.	45 - 90
No. 4	20 - 80
No. 40	5 - 50
No. 200	0 - 8

4. PLACE ALL STRUCTURAL FILL IN UNIFORM LAYERS THAT DO NOT EXCEED 12 IN. (OPEN AREAS) OR 8 IN. (CONFINED AREAS) IN LOOSE MEASURE AND COMPACT EACH LAYER TO A DRY DENSITY AT LEAST 95 PERCENT OF THE DRY DENSITY DETERMINED IN ACCORDANCE WITH ASTM D1557. 5. COMPACTED STRUCTURAL FILL AT BUILDINGS SHALL BE PLACED TO THE PROPER LATERAL

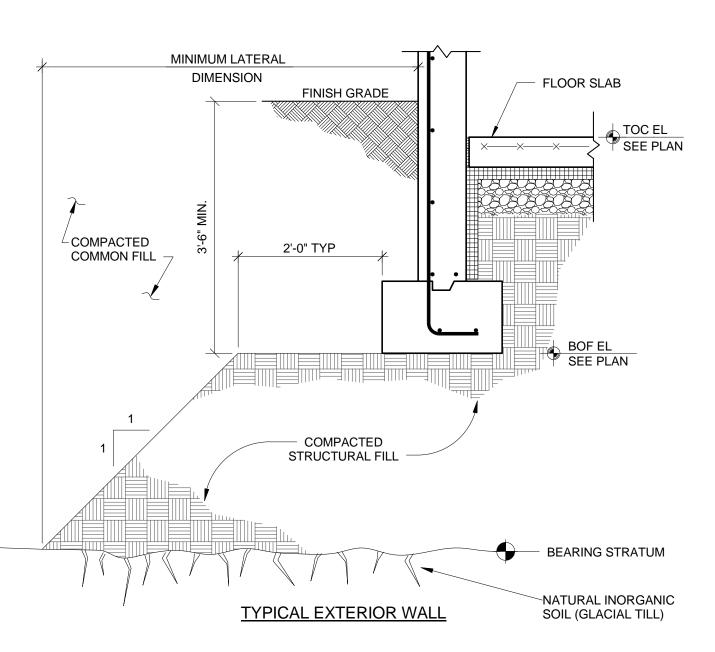
6. COMPACTED CRUSHED STONE MUST BE PLACED IN MAXIMUM 12 IN. THICK LAYERS AND EACH LAYER SYSTEMATICALLY COMPACTED.

FOUNDATION DRAINAGE

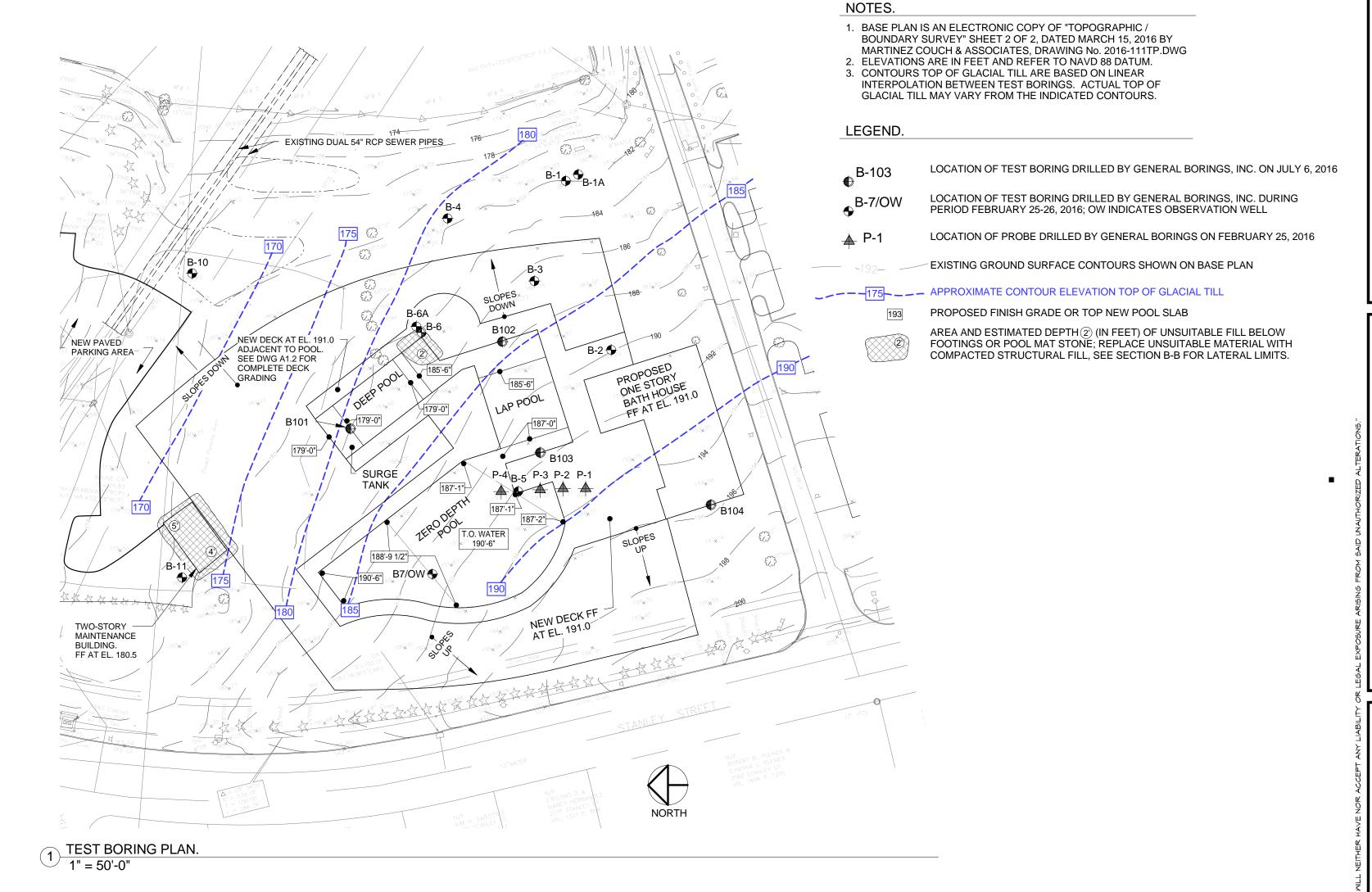
1. PERIMETER AND UNDERMAT FOUNDATION DRAINAGE IS REQUIRED AT THE LOWER ELEVATIONS OF THE POOL; REFER TO THE ATTACHED LAYOUT, PIPE INVERTS, AND INSTALLATION DETAILS. 2. DRAINAGE CONSISTS OF A PERFORATED 6 IN. DIAMETER PIPE (POOL PERIMETER) AND 4 IN. DIAMETER PIPE (BELOW POOL MAT) PLACED AT A LEVEL GRADE THAT IS CONNECTED TO SUITABLE GRAVITY OUTLETS. THE DRAIN PIPES ARE EMBEDDED WITHIN ¾ IN. CRUSHED STONE PLACED ON

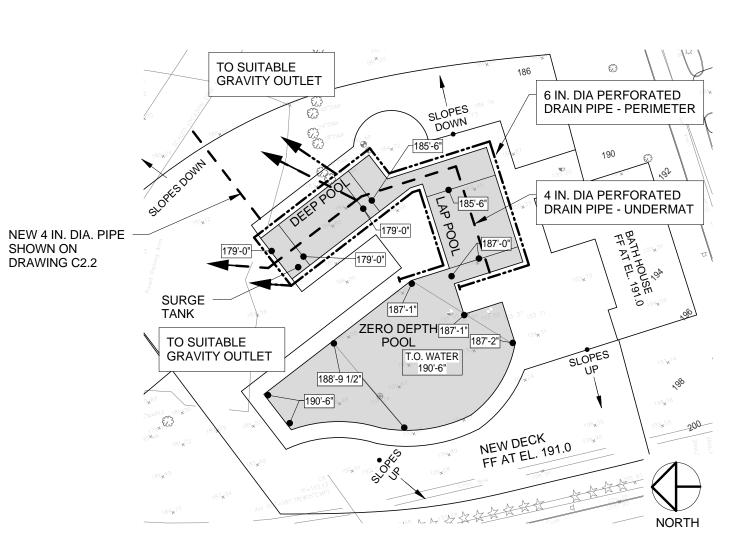
3. PLACE A MINIMUM 2 FT. THICKNESS OF COMPACTED STRUCTURAL FILL AGAINST THE POOL RETAINING WALL TO PROVIDE FULL HEIGHT HYDROSTATIC RELIEF. 4. PROVIDE A MINIMUM 18 IN. THICK LAYER OF ¾ IN. SIZE CRUSHED STONE BELOW THE POOL MAT AND AT THE SURROUNDING CONCRETE DECK; REFER TO APPROXIMATE LIMITS SHOWN ON THIS PLAN, ON SECTION A-A.

5. CONNECT THE FOUR (4) POOL DRAIN OUTLETS TO A 4 IN. DIAMETER PIPE THAT CONNECTS TO A STORM MANHOLE EAST OF THE POOL, AS SHOWN ON DRAWING C2.2. 6. CONTACT GEOTECHNICAL ENGINEER TO OBSERVE DRAINAGE INSTALLATIONS PRIOR TO BACKFILLING.



SECTION B-B LIMITS OF COMPACTED STRUCTURAL FILL BELOW FOOTINGS.





2 FOUNDATION DRAINAGE PLAN. 1" = 60'-0"

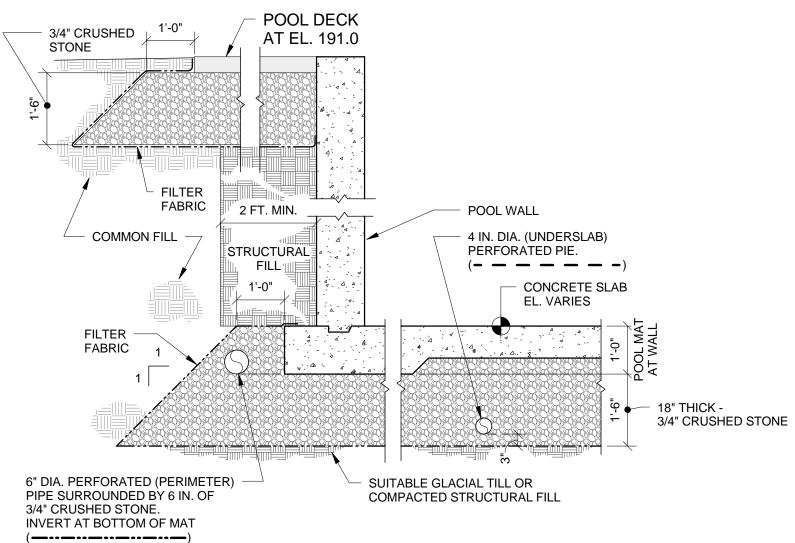
TABLE I SUMMARY OF TEST BORINGS NEW POOL AND BATHHOUSE AT STANLEY PARK

NEW BRITAIN, CONNECTICUT

		APPROX.		THICKNESS SOIL (FT.)				ELEV. TOP OF (FT.)	
TEST BORING NO.	TOTAL DEPTH (FT.)	ELEV. GROUND SURF. (FT)	ELEV. WATER (FT.)	MAN- PLACED FILL	SUBSOIL	ALLUVIUM	GLACIAL TILL	GLACIAL TILL	ROCK
B-1/B- 1A(R)	9.5	181.3	171.8	0.5	2	5543	9.0	180.8	171.8
B-2 (R)	13.0	190.3	179.3	1.5	2.0	£ , 3	9.5	186.8	Below 177.3
B-3(R)	9.5	186.8	Below 177.3	0.7	1.8	858	7.0	184.3	Below 177.3
B-4(R)	10.0	181.4	Below 171.4	0.5	23	923	9.5	180.9	171.4
B-5(R)	8.0	192.3	Below 184.3	0.5	3.0	648	4.5	188.8	Below 184.3
B-6 (R)	5.5	183.5	Below 178.0	2.0		() (()	3.5	181.5	178.0
B-6A	5.0	182.6	Below 177.6	9	- 21		72	12	177.6
B- 7/OW(R)	19.0	191.3	173.9	0.3	1.7	543	17.0	189.3	172.3
B-8	11.0	186.9	179.9	2.5	-	8 7 3	8.5+	184.4	Below 175.9
B-9	12.0	190.8	Below 176.8	2.0	8	858	8.0+	188.8	Below 178.8
B-10(R)	14.0	179.6	168.6	5.0	- 27	6.0	3.0	168.6	165.6
B-11 (R)	11.0	180.5	170.5	9.0	- 1	7527	2.0	171.5	169.5
B-101 (R)	16.5	184.0	7549	0.2	0.0	0.0	10.6	183.8	173.2
B-102(R)	11.5	188.0	Below 176.5	0.2	2.3	0.0	7.5	185.5	178.0
B-103(C)	18.5	192.0		0.2	2.8	0.0	10.5	189.0	178.5
B-104(R)	15.7	196.0	Below 180.3	0.2	3.3	0.0	8.0	192.5	184.5
B-105	6.0	194.0	Below 188.0	0.2	2.3	0.0	3.5+	191.5	Below 188.0
B-106	6.0	199.0	Below 193.0	0.2	1.8	0.0	4.0+	197.0	Below 193.0
B-107	5.6	191.0	Below 185.14	0.2	1.8	0.0	3.6+	189.0	Below 185.4
B-108	6.0	196.0	below 190.0	0.2	2.3	0.0	3.5+	193.5	Below 190.0

(R) - Test boring refusal on possible rock. 1. Refer to Drawing 2 for locations of test borings and probes.

2. Elevations are in feet and refer to NAVD 1988 Datum.



SECTION A-A FOUNDATION DRAINAGE

TABLE II

SUMMARY OF GROUNDWATER LEVELS A.W. STANLEY POOL NEW BRITAIN, CONNECTICUT

DATE	TIME	ELEVATION OF WATER LEVEL AT B-7/OW (FT.)
February 25, 2016	1100	Installed
February 25, 2016	1200	173.9
March 22, 2016	1700	173.1
July 6, 2016	1300	174.0

1. Refer to Drawing 2 for location of groundwater observation well.

2. Elevations are in feet and refer to NAVD 88 Datum.

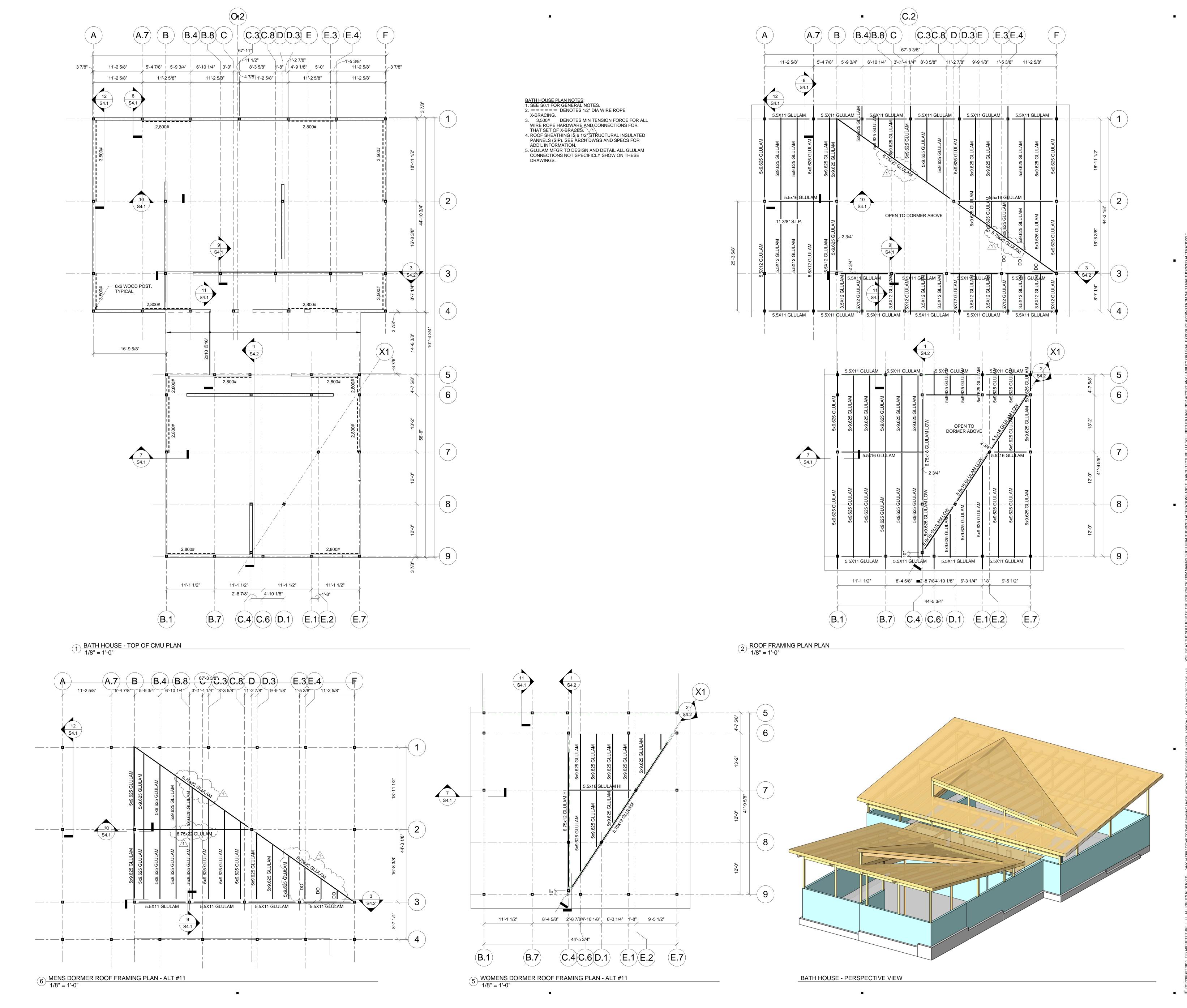
3. Installation Details: Well material: Scheduled 40 PVC Well inside diameter: 2 in. Total well length: 19.0 ft., with bottom 10.0 ft. slotted. Elevation of ground surface: El. 191.3 Elevation top of well: El. 191 (0.3 ft. below ground surface). Elevation of bottom well: El. 172.0.

Well backfilled with special filter sand from tip of well to El. 184.0, with bentonite to EL. 186.0, and borehole cuttings to ground surface with flush mount steel protective cap at ground surface.



08.22.2016 16013.09 PROJECT NO: CHECKED: CCB / DLF ISSUED FOR: BIDDING & CONSTRUCTION REVISIONS:





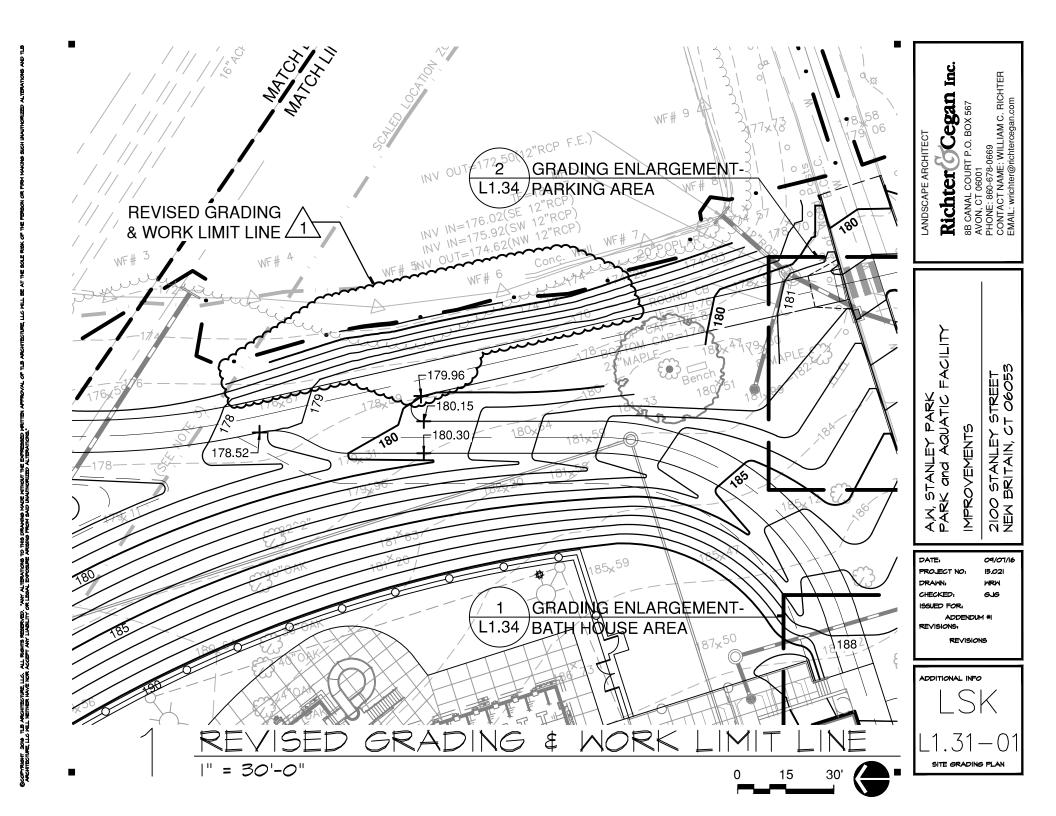
130 ELM STREET
POST OFFICE BOX 802
OLD SAYBROOK
CONNECTICUT 06475
PHONE: 860 388 1224
FAX: 860 388 4613
GNCBENGINEERS.COM ∴ | | | | | | | GNCB

2100 STANLEY STREET NEW BRITAIN, CT 06053

RAC/CCB CHECKED: ISSUED FOR: BIDDING & CONSTRUCTION REVISIONS:

BATH HOUSE MAIN LEVEL & ROOF PLAN AND SECTIONS

1 ADDENDUM 1 9/7/16



LANDSCAPE ARCHITECT

A.W. STANLEY PARK PARK and AQUATIC FACILITY IMPROVEMENTS

STREET T 06053

O STANLEY BRITAIN, O

200 NEV III

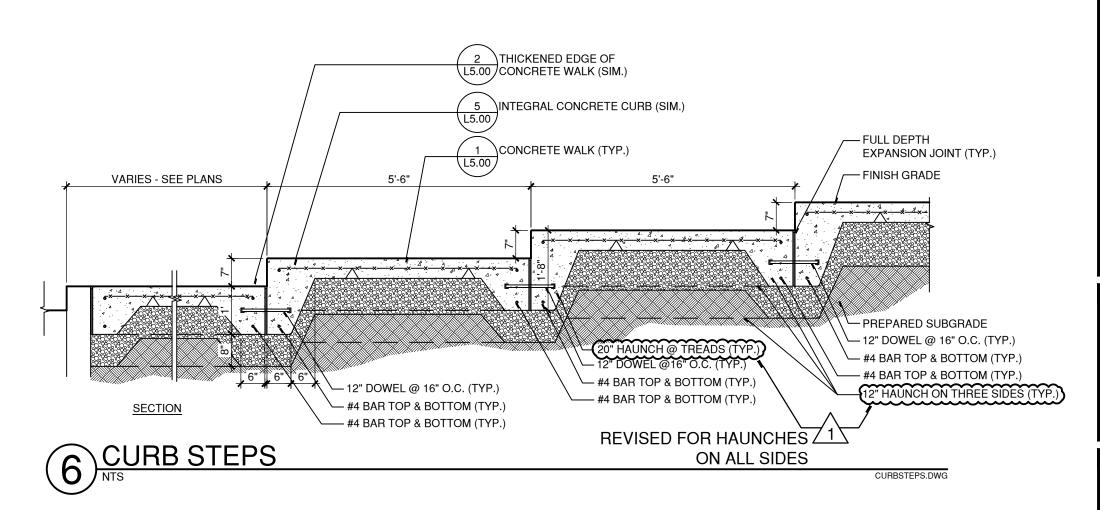
DATE: 09/07/16
PROJECT NO: 15.021
DRAWN: WRW
CHECKED: GJG
ISSUED FOR:

ADDENDUM #I REVISIONS:

LSK

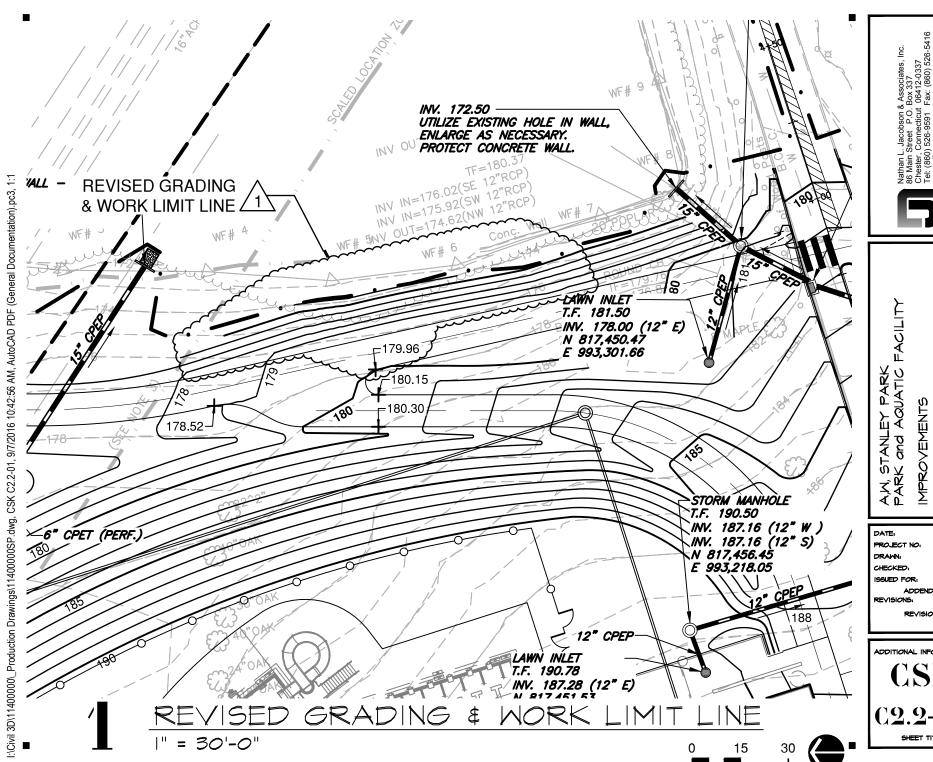
L5.00-01

SITE DETAILS



REVISED FOR HAUNCHES ON ALL SIDES

SCALE: 3/4"= 1'-0"



09/06/16 15.021 CEB KLM

O STANLEY BRITAIN, C

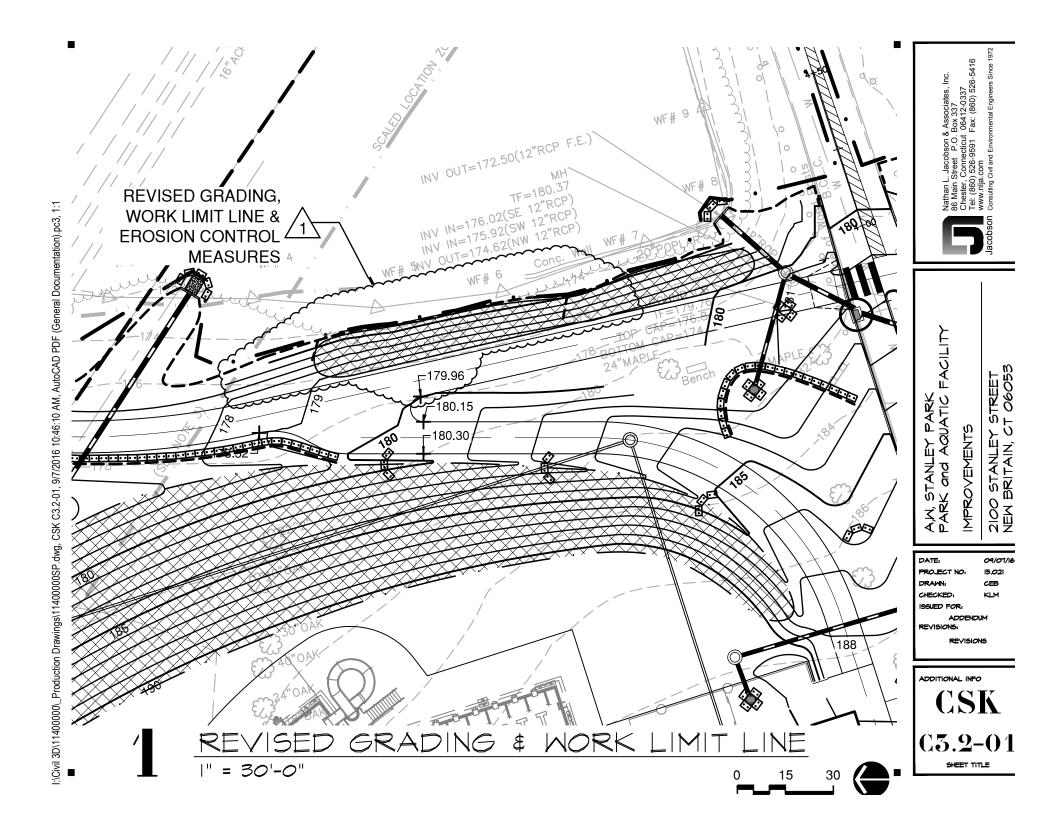
20 NEV III

ADDENDUM

REVISIONS

ADDITIONAL INFO

SHEET TITLE





September 7, 2016

Mr. Michael P. Fortuna, AIA TLBArchitecture, LLC 92 West Main Street Chester, CT 06412



Re: Proposal to Prepare the CTDEEP General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities

A.W. Stanley Park and Aquatic Facility
New Britain, Connecticut

Dear Mr. Fortuna:

In accordance with your request, this proposal is for preparing the required Connecticut Department of Energy & Environmental Protection (CTDEEP) General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities (hereafter referred to as the "General Permit") for the proposed park and aquatic facility at the property identified as A.W. Stanley Park within the City of New Britain. This proposal is for additional services beyond the scope of our proposals dated April 13, 2016 for: "Proposal for Civil Engineering Design Services, A.W. Stanley Recreational Park Improvements" and; "Proposal for Civil Engineering Design Services, A.W. Stanley Pool Facility".

The assumptions provided under the aforementioned proposals remain in effect under this proposal with the exception that both of these proposals noted that "No State or Federal permits will be required."

Based on our discussions and correspondence provided from your office regarding the subject project and from CTDEEP regarding the General Permit, it is our further understanding that:

- A. The total disturbed area for the project is 11.6± acres.
- B. The project will be constructed as one complete project and will not be broken into separate phases.
- C. The Project was advertised for bid on August 23, 2016; the pre-bid conference was September 2, 2016; and that the bid opening is September 14, 2016.
- D. As stated in Section 015000 of the Project Manual, "for scheduling purposes, the Contractor shall be made aware that the SWPCP is currently in preparation and will need to be reviewed and certified by a Qualified Professional or regional Conservation District prior to registering, and that the general permit requires that the registration (which includes certification signatures from the Contractor and all subcontractors) must be submitted at least sixty (60) days prior to the planned commencement of the construction activity." This conflicts with the statement in the Project Manual's Instruction to Bidders that "the successful bidder agreed to commence construction within ten (10) calendar days after receipt of the Notice to Proceed from the Owner."





Mr. Michael P. Fortuna, AlA TLBArchitecture, LLC

Re: Proposal to Prepare the CTDEEP General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities

A.W. Stanley Park and Aquatic Facility, New Britain, Connecticut

September 7, 2016

Page 2 of 8

- E. Per the definitions in the General Permit, this project is considered a "Locally Exempt Project" (CTDEEP's General Permit definition of Locally Exempt is: "construction activity for which the registration is for a project authorized under municipal, state or federal authority and may not be required to obtain municipal approval for the project.")
- F. A Locally Exempt project does not require third party certification (either a Qualified Professional or regional Conservation District) as incorrectly stated in assumption "D" above and is instead reviewed in full by CTDEEP.
- G. The Project Manual states that the estimated duration of construction activity is 360 calendar days.
- H. The project site does not contain any areas which would require Historic Preservation, Review.
- I. While the project does not currently fall within a CTDEEP Natural Diversity Data Base area of concern, since the limit of these areas change from time to time, it will not fall within such an area during the course of the project.
- J. The City has a Subscriber Agreement already in place with CTDEEP to utilize the CTDEEP's ezFile portal for the General Permit submission and for submission of stormwater (turbidity) monitoring reports.
- K. The City will be responsible for performing the necessary stormwater turbidity monitoring and reporting as required by the General Permit.
- L. Once the site has been stabilized for at least three months the registrant shall have the site inspected by a qualified inspector to confirm final stabilization and then a completed Notice of Termination form shall be submitted by the City to CTDEEP which is not included as part of this proposal. For purposes of the General Permit a site is considered stabilized when there is no active erosion or sedimentation present and no disturbed areas remain exposed for all phases of the construction.
- M. For a period of at least five years from the date that construction is complete, the City shall retain copies of the Stormwater Pollution Control Plan (hereafter referred to as the "Plan". Note that the Plan is not a drawing, it is a written document that includes, among other things, the Erosion and Sediment Control drawings from the project) and all reports required by the General Permit and records of all data used to complete the registration for this General Permit.





Mr. Michael P. Fortuna, AlA TLBArchitecture, LLC

Re: Proposal to Prepare the CTDEEP General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities

A.W. Stanley Park and Aquatic Facility, New Britain, Connecticut

September 7, 2016

Page 3 of 8

Based on our understanding of the project scope and the assumptions noted above, our proposed scope of services is as follows:

<u>Task 1 – General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities</u>

- 1.1 Submit a Subscriber Agreement allowing me to certify as the design professional for filings on behalf of the City of New Britain in lieu of paper using CTDEEP's ezFile portal.
- 1.2 Prepare information required for the ezFile registration including but not limited to stormwater outfall pre and post construction runoff curve numbers (RCNs); overall site pre and post RCNs; stormwater outfall coordinate locations, and; stormwater outfall pre and post construction impervious area values. Some of the required information for this task must also be obtained from the Contractor and the City as described in Subtasks 1.4 and 1.5 below.
- 1.3 Prepare, sign, and certify the Plan as the design professional. The Plan shall be designed to minimize pollution caused by soil erosion and sedimentation during and after construction and stormwater pollution caused by the use of the site after construction is completed. The Plan shall include site plan drawings and a narrative and be prepared in accordance with sound engineering practices, and be consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control and the 2004 Connecticut Stormwater Quality Manual. The Plan shall include at minimum the following as described by the General Permit:
 - A. Site Plan;
 - B. Site Description;
 - C. Construction Sequencing;
 - D. Control Measures;
 - E. Runoff Reduction and Low Impact Development (LID) Information;
 - F. Inspections;
 - G. Monitoring;
 - H. Contractor certifications, and;





Mr. Michael P. Fortuna, AIA
TLBArchitecture, LLC
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September 7, 2016

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I. Impaired Waters (as applicable).

Some of the required information for this task must also be obtained from the Contractor and the City as described in Subtasks 1.4 and 1.5 below.

- 1.4 Meet with the Contractor to discuss means and methods and obtain information from him required for the ezFile registration and preparation of the Plan including but not limited to the following:
 - A. Legal name, address, and daytime and off-hours telephone numbers of the general contractors or other representatives;
 - B. The normal working hours of the site;
 - C. A copy of the certification statement signed by each contractor and applicable subcontractors (those that will perform construction activities on the site that have the potential to cause pollution of the waters of the State) for the Contractor's section of the Plan, and;
 - D. The contractor's construction phasing drawing(s).
- 1.5 Obtain information from the City required for the ezFile registration and the Plan including but not limited to the following:
 - A. A narrative of all inspection personnel conducting the Plan Implementation and Routine Inspections, their responsibilities, and procedures, including documentation of the qualifications of the inspector(s) and the findings, actions, and results of all inspections conducted at the site for the Inspectors section of the Plan.
 - B. A narrative of the stormwater monitoring procedures, including documentation of the monitoring frequency, personnel conducting monitoring, identification of monitored outfalls, methodology for monitoring, provisions for monitoring, the site's normal working hours, the method for measuring turbidity, and a copy of all monitoring records for the Monitoring section of the Plan. Note that monthly monitoring is required for sites which disturb 5 acres or more and the procedure shall be consistent with 40 CFR Part 136.





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September 7, 2016

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- 1.6 Amend the project civil drawings (C series) as required to meet the Stormwater Control Measures as required by the General Permit, including Erosion and Sediment Controls, Dewatering Wastewaters, Post-Construction Stormwater Management, and Other Controls.
- 1.7 Provide a final draft copy of the Plan to the City and the Contractor for review and approval prior to signature.
- 1.8 Obtain Plan certification signatures from the City, all contractors and applicable subcontractors.
- 1.9 Using CTDEEP's ezFile portal electronically submit the Registration which includes:
 - A. The on-line registration form;
 - B. Any additional forms and information regarding compliance and/or consistency with the Coastal Management Act, Impaired Waters (including TMDL requirements), Endangered and Threatened Species, and Aquifer Protection that may be required pursuant to the "Requirements of Authorization" section, and;
 - C. An electronic copy of the Stormwater Pollution Control Plan for the Commissioner's review.
- 1.10 Once we have completed our on-line certification as the design professional engineer, log-off and inform the City that they may now log-on, complete the Registration Fee and file the submission.
- 1.11 (SUBTASK FOR CITY) City to log-on to the ezFile portal and complete the registration process, pay the fee, and file the submission. The registration fee for a Locally Exempt Project for sites with total disturbance of between one (1) and twenty (20) acres is \$3,000 and the fees for municipalities shall be half of that therefore the total fee is assumed to be \$1,500.
- 1.12 No other services under this Task are anticipated at this time. Services requested beyond the scope outlined above in Task 1 will only be provided if authorized as an Additional Service or an addendum to this Agreement.

Task 2 – Additional Services: Respond to CTDEEP Comments

2.1 Review and respond to any comments from CTDEEP regarding the submission and make the necessary revisions to the submitted documents. Be advised that any CTDEEP comments as a result of filing which will require revisions to the Plan may extend the sixty (60) day period.





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Task 3 - Additional Services: Keep Plans Current

3.1 The Contractor is responsible for keeping their Plan in compliance with the General Permit at all times. This may involve amending the Plan if the actions required by the Plan fail to prevent pollution or fail to otherwise comply with any other provisions of the General Permit. The Plan shall also be amended whenever there is a change in contractors or subcontractors at the site, or a change in design, construction, operation, or maintenance at the site which has the potential for the discharge of pollutants to the waters of the State and which has not otherwise been addressed in the Plan. We will make authorized amendments to the Plan.

It is our understanding that you, the City, and the Contractor will cooperate with us in providing information in possession, or which can reasonably be obtained, that is pertinent to the proposed work described herein above and that would be helpful to us in performing our services.

We propose to provide our services for the tasks identified above, for the following lump sum fees:

Task 1 – General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities

Nathan L. Jacobson & Associates, Inc. \$13,200

Total \$13,200

Note that the total above does not include the aforementioned \$1,500 fee for filing the General Permit which the City will be responsible for paying.

The fee for Task 2 will be billed on an hourly rate basis or on an agreed lump sum to be determined upon receipt of CTDEEP comments. The fee for Task 3 will be billed on an hourly rate basis or on an agreed lump sum to be determined upon need of revisions and development of an engineering scope.

The City should also be aware that revisions to the proposed project made during Task 1 required to comply with the General Permit as well as any post-submission revisions made as a result of Task 2, may result in the need for a Construction Change Order since the Project will have already been awarded. The monetary value of this potential Construction Change Order is unknown at this time.

For scheduling purposes, our office intends to have work through Subtask 1.10 completed twenty-one (21) days after signed approval from your office for our office to proceed presuming timely cooperation by others for Subtasks 1.4 and 1.5, or two (2) business day after the Contractor and Subcontractors provide the necessary certification signatures, whichever comes last. After submission of the General





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Permit to CTDEEP by the City as described in Subtask 1.11, CTDEEP requires at least sixty (60) days prior to the planned commencement of the construction activity.

We propose to provide our services for any other additional services authorized by TLBArchitecture, LLC, on an hourly rate basis plus reimbursement for out-of-pocket expenses (with no mark-up). The fee for any Additional Services shall be based on the hourly rates listed below for the type of personnel involved in performing the service multiplied by the total hours devoted to performing said services by each type of personnel.

Hourly Rates for Services Rendered

Personnel Category	Hourly Rate
Technical Assistant	\$55/hr
Survey Technician	\$62 - \$84/hr
CADD Technician	\$85 - \$90/hr
Engineering Technician & Inspector	\$66 - \$106/hr
Geologist/Environmental Analyst	\$105 - \$115/hr
Land Surveyor (L.S.)	\$127.25/hr
Project Engineer (P.E.)	\$105 - \$111/hr
Principal Engineer (P.E.)	\$127 - \$136/hr

The hourly rates listed herein will remain in effect through the end of 2016. These rates will be reviewed at the end of this and subsequent calendar years and, effective January 1st of every year thereafter, they will be adjusted to reflect current operating costs. Reimbursable Expenses are billed at cost, with no markup.

If this proposal is acceptable, please sign both copies of this proposal letter and return one copy to our office to serve as our Notice to Proceed. Should you have any questions or need any additional information, please feel free to contact me.





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We look forward to being of continued service to TLBArchitecture, LLC.

Sincerely,

NATHAN L. JACOBSON & ASSOCIATES, INC.

Kati L. Mercier, P.E.

Accepted:		TLBArchitecture, LLC
	By:	Authorized Signature
		(Please Type or Print Name)
	Date:	



PRE-BID MEETING SIGN-IN/ATTENDANCE SHEET

BID # 3896

BID NAME: A.W. STANLEY PARK & AQUATIC FACILITY IMPROVEMENTS DATE OF THE PRE-BID MEETING: <u>SEPTEMBER 2, 2016</u>

TIME: 10:00AM

PLA	ACE: 2100 STANLEY STREET, N	EW BRITAIN, CT.		
	ATTENDEE (Company & Contact)	ADDRESS	PHONE & FAX #s EMAIL ADDRESS	
1	ASSOCIATES, INC. Company Name	86 ~41~ 57 Street Address (No P.O. Boxes!)	860-576-9591 Telephone Number 860-526-5416	
	Contact Name	CHESTER, CT DET 12 City, State & Zip Code	Fax Number Knerieenlja.com E-mail	
	RICHTER & CEGAN Company Name	Street Address (No P.O. Boxes!)	760 - 678 - 06 69 Telephone Number	
2	BILL WECKMAN Contact Name	Avon, CT 06001 City, State & Zip Code	860 - 678 - 8934 Fax Number <u>wweckman @lkhtercesan</u> , a E-mail	om
	Company Name	Street Address (No P.O. Boxes!)	### Telephone Number ### 4119	
3	Contact Name	Nowward CT OGII City, State & Zip Code	Fax Number BRAPILE DIEL E-mail Brusse	٠
	PARAMOUNT Electric Company Name	H9 Hollow MCr LA Street Address (No P.O. Boxes!)	860-233-8070 Telephone Number	
4	Too KozmA Contact Name	Newingth CT 0611 City, State & Zip Code	50-436 4810 Fax Number 5000000000000000000000000000000000000	EN
	Contact Name	City, State & Zip Code	Je Opconstruction E-mail	11c2

Jan '03



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T LIA	PLACE: 2100 STANLEY STREET, NEW BRITAIN, CT.				
	ATTENDEE (Company & Contact)	ADDRESS	PHONE & FAX #s EMAIL ADDRESS		
	J. Talvecio, Inc. Company Name	Y25 Federal Road Street Address (No P.O. Boxes!)	203 -775 -1937 Telephone Number		
1	Peter Delica Contact Name	Book Geld, CT 06478 City, State & Zip Code	203-775-1485 Fax, Number Pater d@ Tagaixa lo co		
			E-mail		
	Company Name	Street Address (No P.O. Boxes!)	Telephone Number		
2	Contact Name	City, State & Zip Code	Fax Number		
		, .	E-mail		
	Company Name	Street Address (No P.O. Boxes!)	Telephone Number		
3	Contact Name	City, State & Zip Code	Fax Number		
		C.,,	E-mail		
	Company Name	Street Address (No P.O. Boxes!)	Telephone Number		
4	Contact Name	City, State & Zip Code	Fax Number		
-			E-mail		
			Jan '03		



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PLACE 2100 STANLEY STREET NEW RRITAIN CT

	PLACE: 2100 STANLEY STREET, NEW BRITAIN, CT.			
	ATTENDEE (Company & Contact)	ADDRESS	PHONE & FAX #s EMAIL ADDRESS	
	Mountain View Landscape Company Name	67 Old James St. Street Address (No P.O. Boxes!)	1//3 - 536-7535 Telephone Number	
1	Steve Zsto Contact Name	Chicopee, Mar. 01020 City, State & Zip Code	413-536-5607 Fax, Number	
			Stevez Mountainieus E-mail Incicom	
	Larosa Building Group Company Name	163 Research Rur Knay Street Address (No P.O. Boxes!)	203-235-1990 Telephone Number	
2	Vincent Pavete Confact Name	Meriden Ct 06450 City, State & Zip Code	903 630 1998 Fax Number	
			V Purette larosa 6 g (g) E-mail	
	Telserv LCC Company Name	7 Progress Dr. Street Address (No P.O. Boxes!)	860 - 740 - 3640 Telephone Number	
3	Steve Brathury Contact Name	Cromwell CT 06416	740 - 3740 Fax Number	
	Contact Name	City, State & Zip Code	Spradbury delserv. E-mail com	
	6. Donown Associants Company Name	Street Address (No P.O. Boxes!)	260-642-0700 Telephone Number	
4	Damon Cookl Contact Name	Hovery Fear V.I.n., G. 06454 City, State & Zip Code	960 - 642 - 7994 Fax Number	
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			Drivon eg Opnover . Gin E-mail	



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TIME: <u>10:00AM</u>

PLLA	PLACE: 2100 STANLEY STREET, NEW BRITAIN, CT.				
	ATTENDEE (Company & Contact)	ADDRESS	PHONE & FAX #s EMAIL ADDRESS		
	Drakeley Pool Co. Company Name	74 Hickon, Lone Street Address (No P.O. Boxes!)	760-274-7903 Telephone Number		
1	William T. Drakela, Contact Name	Bethlehen, CT 0675 City, State & Zip Code	Fax Number Lille clrcke leyocols (w E-mail		
	Company Name	Street Address (No P.O. Boxes!)	(139)337-3470 Telephone Number		
2	Contact Name	Rocky Hur, CT atou7 City, State & Zip Code	Fax Number GOOFE SIEL SETACOGO E-mail		
	BEW Paving and Landscaping Company Name	70 Foster Rd. Street Address (No P.O. Boxes!)	860:572-9942 Telephone Number		
3	betty mucha Contact Name	Waterford, CT. 06385 City, State & Zip Code	860.536.5833 Fax Number betty @ bandwpaving.com E-mail		
9	Lupachino Salvatore Inc. Company Name	Street Address (No P.O. Boxes!)	860 - 743 - 1751 Telephone Number		
4	Scott Wolynec Contact Name	Blownfield CT 16001 City, State & Zip Code	860 - 243-1756 Fax Number		
		-	Swolynec@lapsol.com E-mail		



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$\mathbf{L}\mathbf{L}_{E}$	ACE: 2100 STANLEY STREET, N	EW DRITAIN, CI.	
	ATTENDEE (Company & Contact)	ADDRESS	PHONE & FAX #s EMAIL ADDRESS
1	Company Name Winder Krasie yo Contact Name	Street Address (No P.O. Boxes!) Buchy for Chooss City, State & Zip Code	Sto-593-4705 Telephone Number Sto-673-7965 Fax Number Agfgettere Mass E-mail - Com
2	Company Name LEO CAMOSCI Contact Name	560 S 6 MAIN ST Street Address (No P.O. Boxes!) New Benain, CT 0605 City, State & Zip Code	(860) 223-200 9 Telephone Number (860) 223-5454 Fax Number E-mail
3	Company Name Contact Name	Street Address (No P.O. Boxes!) City, State & Zip Code	Telephone Number Fax Number
	Contact I tame	ony, but to hip odd	E-mail
4	Company Name Contact Name	Street Address (No P.O. Boxes!) City, State & Zip Code	Telephone Number Fax Number
			E-mail
			Jan '03



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PLACE: 2100 STANLEY STREET NEW BRITAIN CT

PLA	ACE: <u>2100 STANLEY STREET, N</u>	EW BRITAIN, CI.	
	ATTENDEE (Company & Contact)	ADDRESS	PHONE & FAX #s EMAIL ADDRESS
1	GIORDANO CONSTRUCTION Company Name	Street Address (No P.O. Boxes!)	203-488-7264 Telephone Number 203-481-5764
	Viw GlorDavo Contact Name	BRANFORD CT. 06465 City, State & Zip Code	Fax Number Vsgiii Egior denomail, Can E-mail
	Company Name	Street Address (No P.O. Boxes!)	203-488-7264 Telephone Number
2	Rick White y Contact Name	Branfont (7 04467 City, State & Zip Code	Fax Number Fax Number Fax Number F-webjoarnoma: 100
	Cornerstone Fence Company Name	231 So. Colony St. Street Address (No P.O. Boxes!)	203-237-1283 Telephone Number
3	Gary C. Pay ne Contact Name	Meciden, CT 06450 City, State & Zip Code	Fax Number 9914. Cornerstantence yahoo con E-mail
	ELECTRICAL CONTRACTORS Company Name	Street Address (No P.O. Boxes!)	Telephone Number
4	MIKE SIEDEL Contact Name	City, State & Zip Code	Fax Number MIKES CECINCONTONATED.
			E-mail com Jan '03



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BID NAME: A.W. STANLEY PARK & AQUATIC FACILITY IMPROVEMENTS

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TIME: 10:00AM

ATTENDEE (Company & Contact)	ADDRESS	PHONE & FAX #s	
(Company & Contact)		EMAIL ADDRESS	
Company Name Tom Mazza Contact Name	Street Address (No P.O. Boxes!) Manusesne CT. City, State & Zip Code	860-644-2427 Telephone Number 860-644-6505 Fax Number 70 m@ann (11.en E-mail	
Toe Warsh EN Contact Name	Street Address (No P.O. Boxes!) City, State & Zip Code	860) 651-650 Telephone Number 860) 651-9929 Fax Number 6506500000000000000000000000000000000	OS4
Ot 6 Tydustyws Company Name Scott Lockward Contact Name	Street Address (No P.O. Boxes!) Hitter Code City, State & Zip Code	Telephone Number Fax Number Scott Lockwall Off no	d , c
Company Name Chilling Universe Contact Name	Street Address (No P.O. Boxes!) Bridgippy U 04404 City, State & Zip Code	Telephone Number 203-345-3425 Fax Number Company of the 1212 E-mail Please	eric
	Contact Name Constant Server Company Name Contact Name Company Name Company Name Company Name Lower Contact Name Contact Name Company Name Company Name Childre Electric Company Name	Contact Name City, State & Zip Code	Marche Street Address (No P.O. Boxest) Fax Number



A.W. Stanley Park #3896 Park & Aquatic Facility Improvements

FIRST	LAST	COMPANY NAME	Email Id	РН	FAX	ADDRESS	City	STATE	ZIP
Carleigh	Crowder	L. Holzner Electric	estimating@holznerelectric.com	203-335-4204	203-368-3425	596 John St	Bridgeport	CT	06604
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