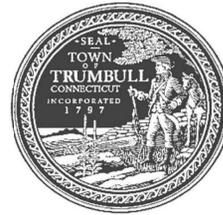


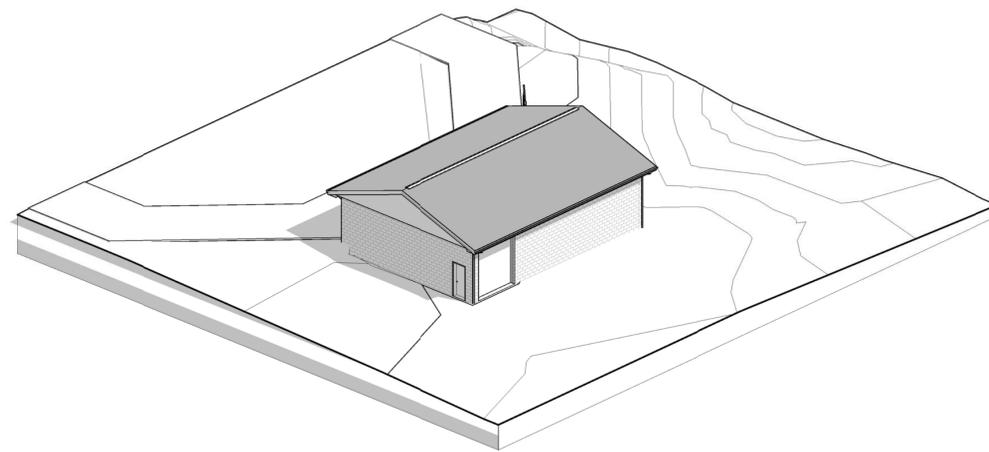
TOWN OF TRUMBULL



BEACH MEMORIAL PARK PROPOSED POOL FILTER HOUSE

BEACH MEMORIAL ROAD
TRUMBULL, CONNECTICUT

ISSUED FOR RE-BID: JUNE 24, 2014



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GENERAL CONSTRUCTION NOTES

NOTE: THE FOLLOWING NOTES APPLY TO ALL AREAS OF REQUIRED WORK.

- ALL CONTRACTORS SHALL VISIT THE PROJECT SITE AND FAMILIARIZE THEMSELVES WITH ALL BUILDING AND WORKING CONDITIONS BEFORE SUBMITTING A BID.
- ALL CONTRACTORS TO HAVE ADEQUATE INSURANCE AND SHALL SUBMIT PROOF OF SAME BEFORE STARTING WORK.
- ALL CONTRACTORS SHALL OBTAIN AND PAY FOR ANY PERMITS REQUIRED FOR HIS DISCIPLINE.
- ALL DIMENSIONS ARE TO FACE OF FINISHED WALL UNLESS OTHERWISE NOTED. ANY DIMENSIONS INDICATED AS "CLEAR" OR "HOLD" ARE CRITICAL DIMENSIONS FROM FINISHED FACE TO FINISHED FACE.
- ALL CONTRACTORS SHALL VERIFY ALL DIMENSIONS IN THE FIELD AS REQUIRED BEFORE SUBMITTING SHOP DRAWINGS AND/OR PRIOR TO PERFORMING ALL WORK REQUIRED AS SHOWN ON THESE DRAWINGS. ALL WALLS AND/OR PERMANENTLY LOCATED ITEMS SHALL BE CHALKED ON THE FLOOR TO VERIFY ACCURACY OF LAYOUT PRIOR TO CONSTRUCTION. ALL DISCREPANCIES THAT MAY IMPEDE THE FINISHED PRODUCT OF THIS CONTRACT SHALL BE DISCUSSED WITH THE ARCHITECT BEFORE PROCEEDING WITH WORK.
- ALL WORK SHALL CONFORM TO EXISTING CODES, REGULATIONS, AND SEISMIC REQUIREMENTS, AND BE DONE IN A FIRST CLASS CRAFTSMAN-LIKE MANNER, ACCORDING TO GOOD CONSTRUCTION PRACTICES.
- ALL CONTRACTORS TO BE RESPONSIBLE FOR KEEPING AREAS ADJACENT TO WORK AREA CLEAN AND FREE FROM ALL MATERIALS CONNECTED WITH ALTERATION/RENOVATION WORK. AREAS TO BE CLEANED AT THE END OF EACH WORK DAY.
- GENERAL CONTRACTOR SHALL COORDINATE ALL WORK, INCLUDING ALL N.I.C. ITEMS THROUGHOUT PROJECT. CONTACTS FOR N.I.C. WORK SHALL BE PROVIDED BY CLIENT (OR CLIENT REPRESENTATIVE). PRICING FOR PROJECT SHALL NOT INCLUDE N.I.C. ITEMS - TYPICAL.
- ALL COLORS, MATERIALS, ETC. TO BE SELECTED BY ARCHITECT. SUBMIT SAMPLES FOR APPROVAL IF ANY SUBSTITUTIONS ARE PROPOSED.
- ALL CONTRACTORS ARE TO BE CONSIDERED PRIMARY FOR THEIR PARTICULAR DISCIPLINE; THE NOTES ABOVE APPLY TO ALL.
- FURNISH AND INSTALL FRAMELESS ACCESS DOORS WERE REQUIRED FOR ACCESS TO "ACTIVE" BUILDING SYSTEMS, VALVES, ETC. REVIEW LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
- ALL ABANDONED UTILITY LINES (PLUMBING & ELECTRICAL) SHALL BE CUT & CAPPED BELOW FLOOR LINE OR BEHIND WALL LINE. FLOOR OR WALL SHALL BE FINISHED TO MATCH EXISTING ADJACENT SURFACE.
- ALL POWER, DATA/PHONE, AND SECURITY DISCONNECT/RECONNECT TO BE COORDINATED BY THE GENERAL CONTRACTOR.
- ALL HVAC DIFFUSERS, DUCTWORK, ETC. SHALL BE COORDINATED WITH THESE DRAWINGS. ANY DISCREPANCIES OR ISSUES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR REVIEW.
- ALL NEW DOOR FRAMES TO START 4" OFF PERPENDICULAR WALL UNLESS OTHERWISE NOTED.
- ALL CMU TO BE SUPPLIED BY OWNER AND INSTALLED BY G.C. OWNER WILL DELIVER ALL CMU TO PROJECT SITE.

GENERAL SCOPE OF WORK

GENERAL SCOPE OF WORK INCLUDES BUT IS NOT LIMITED TO BUILDING STRUCTURE, SHELL, ARCHITECTURAL COMPONENTS, SITEWORK AND EXISTING BUILDING DEMOLITION.

ALL MECHANICAL, ELECTRICAL, PLUMBING, AND UTILITY WORK TO BE COMPLETED BY OWNER. GENERAL CONTRACTOR SHALL COORDINATE HIS WORK WITH WITH WORK TO BE PERFORMED BY THE TOWN'S PERSONNEL.

GRAPHICS LEGEND

Name	Symbol	Description
XXX		ROOM NAME AND NUMBER
###		DOOR NUMBER
		DEMOLITION NOTE
		CONSTRUCTION NOTE
		WINDOW NUMBER
		WALL TAG
		REVISION TAG
		BUILDING SECTION SYMBOL
		WALL SECTION SYMBOL
		DETAIL SYMBOL
		ELEVATION SYMBOL
		DETAIL CALL OUT SYMBOLS
		HANDICAP ACCESSIBLE
		EXISTING WALL
		WALL OR OBJECT TO BE DEMOLISHED
		NEW MTL STUD WALL
		NEW MASONRY WALL

MATERIALS LEGEND

	CONCRETE		ACOUSTICAL CEILING TILE		COMPACTED GRAVEL
	CONCRETE MASONRY UNITS		FINISHED WOOD		CRUSHED STONE
	BRICK		RIGID INSULATION		SOIL
	METALS		GYPSUM BOARD		WOOD FRAMING - THROUGH MEMBER
	PLYWOOD		BATT INSULATION		WOOD FRAMING - INTERRUPTED MEMBER

DRAWING LIST

COVER	COVER SHEET
A-101	DEMOLITION FLOOR PLAN & NOTES, PROPOSED GROUND FLOOR PLAN, DOOR DETAILS, DOOR SCHEDULES, AND DOOR NOTES
A-301	EXTERIOR ELEVATIONS
A-401	BUILDING SECTIONS & ROOF DETAILS
S-101	FOUNDATION PLAN, ROOF FRAMING PLAN, SECTIONS AND DETAILS, TYPICAL DETAILS, STRUCTURAL NOTES
S-102	SECTIONS AND DETAILS
S-103	TYPICAL DETAILS
S-104	STRUCTURAL NOTES

SITE LOCATION





CERTIFICATION:



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STRUCTURAL ENGINEERS, LLC**

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REVISIONS		
NO.	DATE	DESCRIPTION

TOWN OF TRUMBULL
BEACH MEMORIAL PARK
PROPOSED POOL FILTER HOUSE
BEACH MEMORIAL ROAD
TRUMBULL, CONNECTICUT

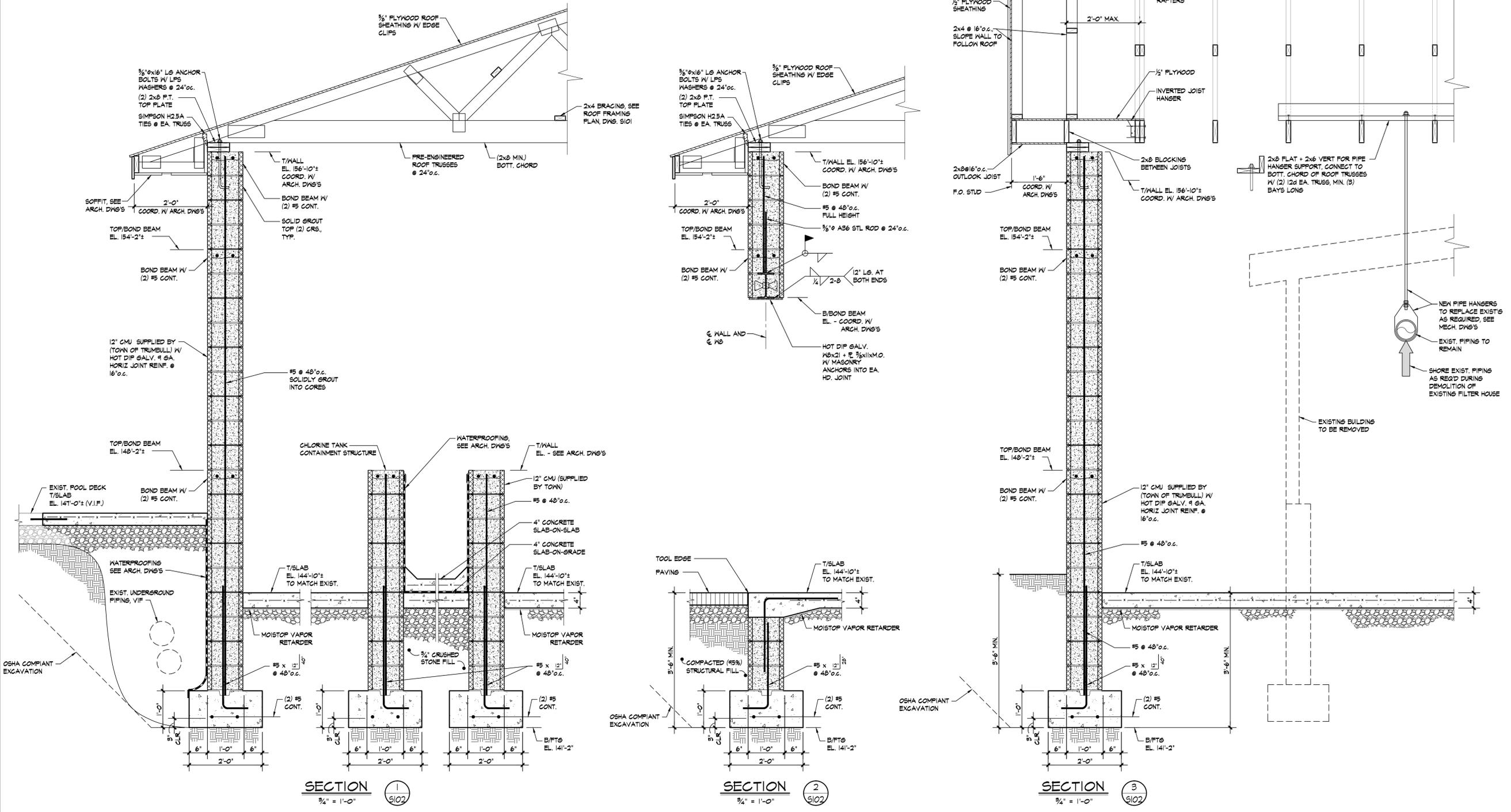
DRAWING TITLE:
SECTIONS AND DETAILS

SCALE: AS NOTED
DRAWN BY: mdn
REVIEWED BY: NAC

DRAWING NO.:

S-102

DATE: March 4, 2013
JOB NUMBER: 130XX



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STRUCTURAL NOTES

GENERAL NOTES

GENERAL:

- All details shall be considered typical and shall apply to all same and similar conditions.
- The Contractor shall field measure and verify all dimensions of the existing building and all dimensions related thereto.
- The Contractor shall be responsible for all temporary shoring and bracing required to maintain the structural stability of the building during construction.
- All work shall be in accordance with Connecticut State Building Code (CSBC) which includes the 2003 International Building Code, the 2005 Connecticut Supplement.
- The Contractor shall be solely responsible for construction site safety.
- Special Inspections shall be in accordance with CSBC Section 1705. The Contractor shall notify the Special Inspector at least 24 hours in advance of a required inspection.
- Testing shall be performed by a NVLAP accredited testing laboratory approved by the Engineer and Building Inspector. Copies of the test results shall be submitted to the Architect, Engineer, Contractor, and Building Inspector.

DESIGN LOADS:

- The structure has been engineered to resist the following design loads in accordance with **CSBC** Chapter 16.
- Floor live loads:
Slab-on-grade: 250 psf
- Snow load:
Ground Snow Load - Pg = 30 psf
Importance Factor - I = 1.0
Exposure Factor - Ce = 0.7
Thermal Factor - Ct = 1.0
Flat Roof Snow Load - Pf = 0.7 x Ce x Ct x Pg = 21 psf

The roof structure was engineered for a minimum snow load of 30 psf plus snowdrift loads where the low roof abuts the high roof in accordance with **CSBC** 1608, Snow Loads.

- Wind load:
Main Wind Force - Resisting System
Basic Wind Speed, (3 sec gust), V = 105 mph
Exposure Classification - B
Importance Factor - I = 1.00
Velocity Pressure Exposure Coefficient, Kz = 0.70
Wind Directionality Factor, Kd = 0.85
Topographical Factor, Kzt = 1.0
Product of Internal Pressure Coefficient and Gust Factor, GCpI = ±0.18
Gust Effect Factor, G = 0.85
External Pressure Coefficient, Cp = varies
Windward Wall, Cp = -0.85
Leeward Wall, Cp = -0.50
Side Wall, Cp = -0.70
Velocity Pressure, qz = 0.00256 x Kz x Kt x Kd x V² x I = 20 psf
Design Wind Pressure, p = q x (G x Cp) - qi x (GCpI) use 20 psf

Wind loads are resisted by reinforced concrete masonry shearwalls.

- Earthquake load:
Site classification - D
Occupancy Category, General Building - I
Seismic Use Group, I
Occupancy Importance Factor, I = 1.0
Spectral Response Acceleration, Short Period, Ss = 0.240
Spectral Response Acceleration, 1-sec Period, S1 = 0.064
Response Modification Coefficient, R = 2
Seismic Design Category (based on SD1) - B
Seismic Design Coefficient, Cs = 0.133
Effective Seismic Weight of Structure, W = 85 kips
Seismic Base Shear, V = Cs x W = 11.3 k

Earthquake loads are resisted by reinforced concrete masonry shearwalls.

CAST-IN-PLACE CONCRETE:

- Concrete strength at 28 days:
3,000 psi for foundation footings.
3,500 psi for concrete slabs-on-metal deck
- Air-entrain all concrete, except for concrete for interior slabs-on-grade.
- Reinforcing steel: ASTM A615 grade 60.
- Concrete work shall be in accordance with ACI 301-99 and ACI 318-02.
- Maximum slump:
4 inches for slabs
5 inches for all other concrete.
- Minimum cover on reinforcing steel:
concrete cast against the earth 3"
concrete exposed to earth or weather #6 and larger 2"
#5 and smaller 1 1/2"
interior slabs and walls 3/4"
- Saw cut control joints in slabs on grade at 30'-0" on center maximum. Joints shall be cut within 24 hours of slab pour. Stop reinforcing mesh 6" on either side of joints. Location of joints shall be approved by the engineer.
- Interior floor slab shall receive a steel trowel finish. Exterior slabs and sidewalks shall receive a coarse broom finish.
- Grout and rub all exposed surfaces of foundation walls within 48 hours of pour.
- Admixtures containing calcium chloride shall not be used.
- Apply curing compound to slabs immediately following final troweling.
- The testing laboratory shall cast 4 test cylinders for each 50 yards or each day's pour. Slump tests shall be performed when cylinders are cast. Test 1 cylinder at 7 days and 3 cylinders at 28 days.
- Special Inspections shall be made of reinforcing steel and concrete placement.

FOUNDATION:

- Design assumption: soil bearing capacity is 2 tons per square foot.
- Footings shall bear on undisturbed virgin soil, free of frost, mud, or ice, or controlled fill.
- The Special Inspector shall inspect and approve the soil below all footings. Inspections shall be made prior to tamping the soil or setting footing forms. The Inspector shall verify that soil is suitable for the support of foundations.
- Footing sub-grade shall be compacted using a vibratory tamper or a jumping soil rammer after the soil has been inspected and approved.
- The Contractor shall be responsible for all dewatering, shoring, sheeting, or bracing required to maintain a safe, dry, and stable excavation.
- No footings shall be placed in water.
- Soil adjacent to and below footings shall be kept from freezing at all times.
- Bottom of footing elevations noted thus [xxxx] are approximate and shall be verified in the field.
- Do not backfill against foundation walls until first floor framing is in place.
- Provide a granular sub-base under all slabs on grade. Where slab is within a heated space, the sub-base shall be 6 inches of compacted 3/4" crushed stone or bank run gravel with a maximum size of 2 inches. Where the slab is exposed to frost, the sub-base shall be 6 inches of 3/4 inch crushed stone.
- Install Moistop VAPOR INHIBITOR under all slabs on grade.
- The Contractor shall verify the location of all underground utility lines, sewers, and fuel storage tanks to avoid any damage to these. Contractor shall contact "Call Before You Dig" prior to any excavation.
- Backfill for foundation walls and retaining walls shall be compacted granular soil with not more than 10% passing the #200 sieve. If on-site soil does not meet this specification, the Contractor shall bring in soil from off-site at his own expense.
- Where footings are below the groundwater elevation, place 6 inches of crushed stone under footings. Crushed stone shall be placed after the subsoil has been inspected, approved, and tamped.

CONTROLLED FILL:

- The soil below footings and slab on grade sub-base shall be undisturbed virgin soil or controlled fill.
- Material used for controlled fill shall be clean bank run gravel or recycled aggregate, containing not more than 10 percent by weight passing the #200 sieve. The maximum size of gravel shall be six inches.
- Samples of fill material shall be subjected to a sieve analysis and a Modified Proctor moisture-density relationship test, ASTM D1557 to determine its maximum density and optimum moisture content.
- Fill material shall be placed in layers not to exceed 12 inches in thickness and compacted with a vibratory roller to 95 percent of the maximum dry density obtained by test.
- Fill material shall be compacted at or near the optimum moisture content.
- The Special Inspector shall inspect the placement and compaction of controlled fill. A trained technician employed by the testing laboratory shall test each layer of fill.

MASONRY:

- Concrete masonry units shall be hollow load-bearing units with light-weight aggregate, conforming to ASTM C90 grade N-I.
- The compressive strength of masonry shall be 1500 psi based on test strength of masonry units of 2150 psi on the net cross sectional area.
- Concrete masonry work shall conform to ACI 530-02/ASCE 5-02 "Building Code Requirements for Masonry Structures" and ACI 530.1-02/ASCE 6-02 "Specifications for Masonry Structures."
- Mortar shall be Type "S" conforming to ASTM C270.
- Grout shall conform to ASTM C476, with a minimum 28 day compressive strength of 2,500 psi.
- Portland cement: ASTM C150.
- Hydrated lime: ASTM C207, type S.
- Masonry cement shall not be used.
- Admixtures containing calcium chloride shall not be used.
- Reinforce masonry walls with the following:
a. Hot-dipped galvanized 9 gage Hohmann & Barnard #270 Ladder-type Lox-all wire horizontal joint reinforcing spaced 16" on center, vertically. Cross wires shall be spaced at 16" on center. Lap reinforcement a minimum of 6". Provide continuity at corners and wall intersections by use of prefabricated "L" and "T" sections.
b. Full height #5 at 4'-0" on center. Reinforcing shall be dowelled into foundation walls. Unless other wise noted on drawings, reinforcing steel shall be centered in CMU cores.
c. In all 2 hour rated walls, provide continuous horizontal bond beams, reinforced with (2)-#5 at 8'-0" on center, above all door and windows, and below beam bearing plates and as shown on the structural details.
d. In 4 hour firewall, provide continuous horizontal bond beams, reinforced with (2)-#5 at 4'-0" on center, and as shown on the structural details.
e. Solidly grout all cores and courses that contain reinforcing steel. See Typical Details on drawings for additional information. All reinforcing shall be lap spliced a minimum of 48 bar diameters.
- Submit reinforcing steel shop drawings prior to fabrication. Detailing shall be in conformance with ACI 530-02/ASCE 5-02 "Building Code Requirements for Masonry Structures" and ACI 530.1-02/ASCE 6-02 "Specifications for Masonry Structures."
- Reinforcing steel: ASTM A615 grade 60.
- Do not wet concrete masonry units.
- Layout walls in advance for accurate spacing of surface bond patterns, with uniform joint widths and to properly locate openings, movement-type joints, returns and offsets. Avoid the use of less-than-half size units at corners, jambs and wherever possible at other locations.
- Concrete masonry units disturbed after laying, shall be removed, clean off mortar and be re-laid in fresh mortar. Do not pound corners at jambs to fit stretcher units which have been set in position. If adjustments are required, remove units, clean off mortar, and reset in fresh mortar.
- Cut masonry units with motor driven saw designed to cut masonry with clean sharp, unchipped edges. Cut units as required to provide pattern shown and to fit adjoining work neatly. Use full units without cutting wherever possible. Use dry cutting saws to cut concrete masonry units.
- Concrete masonry units shall be laid in running bond with 3/8" joint width and concave tooled mortar joints.
- All joints shall have full mortar beds.
- The contractor shall submit for review spec sheets for all joint reinforcing, cement, lime, fine aggregate, reinforcing steel, grout, and concrete masonry units. Concrete masonry units shall also have Underwriters Laboratory certification for the minimum fire rating required.
- A set of 4 masonry prisms shall be constructed for each 5,000 square feet of wall constructed, or for each week's work, whichever is less. One prism shall be tested at 7 days and three at 28 days in accordance with ASTM E447.
- A set of four cube compression test specimens shall be made of mortar and grout for each day's work. Two cubes shall be tested at 7 days and two at 28 days.
- Special Inspections shall be performed during the masonry construction to review the reinforcing steel placement. Grout cylinders and mortar cubes shall be cast during the construction.

METAL PLATE WOOD TRUSSES

- The Truss Manufacturer shall submit Truss Design Drawings, Truss Placement Diagrams to the Owner, Architect, Engineer and Contractor for their review and/or approval. The drawings and diagrams shall be signed and sealed by a licensed professional engineer registered in the State of Connecticut.
- Trusses shall be designed in accordance with the applicable provisions of the latest edition of the American Forest & Paper Association's (AF&PA's) National Design Specification® (NDS®) for Wood Construction, ANSI/TPI 1
- The Truss Manufacturer shall furnish Truss Design Drawings and Truss Placement Diagram prepared in accordance with State of Connecticut Building Code, and the loadings required by/or noted on Structural Drawings.
- The Truss Manufacturer shall furnish a Truss Placement Diagram which shall provide the location assumed for each Truss. The Truss Design Drawings shall include as minimum information:
1. Slope or depth, span, and spacing;
2. Location of all joints;
3. Required bearing widths;
4. Design loads as applicable;
5. Top chord live load (including snow loads);
6. Top chord dead load;
7. Bottom chord live load;
8. Bottom chord dead load;
9. Concentrated loads and their points of application; and
10. Controlling wind and earthquake loads expressed in units of force per unit area;
11. Adjustments to lumber and metal connector plate design values for conditions of use;
12. Each reaction force and direction;
13. Metal connector plate type, size, thickness or gauge, and the dimensioned location of each metal connector plate except where symmetrically located relative to the joint interface;
14. Lumber size, species, and grade for each member;
15. Connection requirements for: (a) Trusses to Truss girders; (b) Truss ply to ply; and (c) field assembly of Trusses;
16. Calculated deflection ratio or maximum deflection for live and total load;
17. Maximum axial compression forces in the Truss members to enable the building designer to design the size, connections, and anchorage of the permanent continuous lateral bracing; and
18. The approximate location for continuous lateral permanent bracing of Truss members subject to buckling due to compression forces.
- Lumber used shall be identified by grade mark of a lumber inspection bureau or agency approved by the American Lumber Standards Committee, and shall be the size, species, and grade as shown on the Truss Design Drawings, or equivalent as approved by the Truss Designer.
- Moisture content of lumber shall be no less than 7% and no greater than 15% at time of manufacturing.
- Adjustment of value for duration of load or conditions of use shall be in accordance with NDS.
- Metal connector plates shall be manufactured by a Wood Truss Council of America (WTCOA) member plate manufacturer and shall not be less than 0.036 inches in thickness (20 gauge) and shall meet or exceed ASTM A653/A653M grade 33, and galvanized coating shall meet or exceed ASTM A924/A924M, coating designation G60. Working stresses in steel are to be applied to effectiveness ratios for plates as determined by test and in accordance with ANSI/TPI 1.
- In highly corrosive environments, special applied coatings or stainless steel may be required.
- The Truss Manufacturer shall furnish a certified record that WTCOA member plate materials comply with steel specifications
- Trusses shall be manufactured to meet the quality requirements of ANSI/TPI 1 and in accordance with the information provided in the final approved Truss Design Drawings.
- Trusses shall be handled during manufacturing, delivery and by the Contractor at the job site so as not to be subjected to excessive bending.
- Trusses shall be unloaded in a manner so as to minimize lateral strain. Trusses shall be protected from damage that might result from on-site activities and environmental conditions. Trusses shall be handled in such a way so as to prevent toppling when banding is removed.
- Contractor shall be responsible for the handling, installation, and temporary bracing of the Trusses in a good workmanlike manner and in accordance with the recommendations set forth in WTCOA/TPI's Building Component Safety Information BCSI 1-03: Guide to Good Practice For Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.
- Apparent damage to Trusses, if any, shall be reported to Truss Manufacturer prior to erection.
- Trusses shall be set and secured level and plumb, and in correct location. Each Truss shall be held in correct alignment until specified permanent bracing is installed.
- Cutting and altering of Trusses is not permitted. If any Truss should become broken, damaged, or altered repair details shall be prepared, signed and sealed by the licensed professional engineer responsible for the truss design. The repair details shall be submitted to the Project Architect and Engineer for review and approval.
- Concentrated loads shall not be placed on top of Trusses until all specified bracing has been installed and decking is permanently nailed in place. Specifically avoid stacking full bundles of plywood or other concentrated loads on top of Trusses.
- Truss Submittals and any supplementary information provided by the Truss Manufacturer shall be provided by the Contractor to the individual or organization responsible for the installation of the Trusses.
- Trusses shall be permanently braced in a manner consistent with good building practices and in accordance with the requirements of the Structural Design Documents. Trusses shall furthermore be anchored or restrained to prevent out-of-plane movement so as to keep all Truss members from simultaneously buckling together in the same direction. Such permanent lateral bracing shall be accomplished by: (a) anchorage to solid end walls; (b) permanent diagonal bracing in the plane of the web members; or (c) other suitable means.
- Materials used in temporary and permanent bracing shall be furnished by Contractor.

SPECIAL INSPECTIONS and SPECIAL TESTING

- Special Inspections and Structural Testing shall be in accordance with Section 1705 of the Connecticut State Building Code.
- The Special Inspector shall be a Professional Engineer licensed in the State of Connecticut who is approved by the Structural Engineer of Record (SER) and Building Official.
- The testing laboratory shall maintain a full time Professional Engineer licensed in the State of Connecticut on staff who shall stamp and sign all test reports. The Professional Engineer shall be responsible for the training of the testing technicians and shall be in responsible charge of the field and laboratory testing operations.
- Special Inspections shall be performed by inspectors who are either Professional Engineers (P.E.) or Engineers-In-Training (EIT) with an education and background in structural engineering, except as indicated below.
- Special Inspections of soils and foundations may be performed by inspectors who are either Professional Engineers (P.E.) or Engineers-In-Training (EIT) with an education and background in geotechnical engineering.
- Technicians performing tests of concrete shall be ACI certified Concrete Field Testing Technicians - Grade 1.
- Inspectors performing inspections of concrete work may be ACI certified Concrete Construction Inspectors in lieu of being a P.E. or EIT.
- Technicians performing tests or inspections of welds shall be AWS Certified Welding Inspectors, technicians performing ultrasonic testing shall also be certified as an ASNT-TC Level II or Level III technician.
- Technicians performing standard tests described by specific ASTM Standards shall have training in the performance of such tests and must be able to demonstrate either by oral or written examination competence for the test to be conducted. They shall be under the supervision of a Professional Engineer and shall not be permitted to independently evaluate test results.
- The Special Inspector and Testing Laboratory shall submit to the SER and Building Official for review a copy of their qualifications which shall include the names and qualifications of each of the individual inspectors and technicians who will be performing inspections or tests.
- The Owner shall engage and pay for the services of the Special Inspector and Testing Laboratory.
- The Contractor shall cooperate with the Special Inspector and his agents so that the Special Inspections and testing may be performed without hindrance.
- The Contractor shall be solely responsible for construction site safety.
- The Special Inspector or Testing Laboratory may not release, revoke, alter, or enlarge on the requirements of the Contract Documents.
- The Special Inspector or Testing Laboratory will not have control over the Contractor's means and methods of construction.
- The Special Inspector or Testing Laboratory shall not be responsible for construction site safety.
- The Special Inspector or Testing Laboratory has no authority to stop the work.
- Detailed reports shall be prepared of each inspection or test. Reports shall include:
1. date of test or inspection
2. name of inspector or technician
3. location of specific areas tested or inspected
4. description of test or inspection and results
5. applicable ASTM standard
6. weather conditions
7. Professional Engineer's stamp and signature
- The Final Report of Special Inspections shall be completed by the Special Inspector and submitted to the SER and Building Official prior to the issuance of a Certificate of Use and Occupancy.
- Required inspections and tests are described in the attached Schedule of Special Inspections and in the individual specification Sections for the items to be inspected or tested.



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CERTIFICATION:

* Special Inspections of soils and foundations may be performed by inspectors who are either Professional Engineers (P.E.) or Engineers-In-Training (EIT) with an education and background in geotechnical engineering.

* Technicians performing tests of concrete shall be ACI certified Concrete Field Testing Technicians - Grade 1.

* Inspectors performing inspections of concrete work may be ACI certified Concrete Construction Inspectors in lieu of being a P.E. or EIT.

* Technicians performing standard tests described by specific ASTM Standards shall have training in the performance of such tests and must be able to demonstrate either by oral or written examination competence for the test to be conducted. They shall be under the supervision of a Professional Engineer and shall not be permitted to independently evaluate test results.

The Special Inspector and Testing Laboratory shall submit to the SER and Building Official for review a copy of their qualifications which shall include the names and qualifications of each of the individual inspectors and technicians who will be performing inspections or tests.

The Owner shall engage and pay for the services of the Special Inspector and Testing Laboratory.

The Contractor shall cooperate with the Special Inspector and his agents so that the Special Inspections and testing may be performed without hindrance.

The Contractor shall be solely responsible for construction site safety.

The Special Inspector or Testing Laboratory may not release, revoke, alter, or enlarge on the requirements of the Contract Documents.

The Special Inspector or Testing Laboratory will not have control over the Contractor's means and methods of construction.

The Special Inspector or Testing Laboratory shall not be responsible for construction site safety.

The Special Inspector or Testing Laboratory has no authority to stop the work.

Detailed reports shall be prepared of each inspection or test. Reports shall include:
1. date of test or inspection
2. name of inspector or technician
3. location of specific areas tested or inspected
4. description of test or inspection and results
5. applicable ASTM standard
6. weather conditions
7. Professional Engineer's stamp and signature

The Final Report of Special Inspections shall be completed by the Special Inspector and submitted to the SER and Building Official prior to the issuance of a Certificate of Use and Occupancy.

Required inspections and tests are described in the attached Schedule of Special Inspections and in the individual specification Sections for the items to be inspected or tested.

DRAWING TITLE:

STRUCTURAL NOTES

SCALE:	DRAWN BY:	REVIEWED BY:
NONE	mdn	NAC

DRAWING NO.

S-104

DATE:	JOB NUMBER:
March 4, 2013	130XX

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NO.		REVISIONS	
		DATE	DESCRIPTION

TOWN OF TRUMBULL
BEACH MEMORIAL PARK
PROPOSED POOL FILTER HOUSE
BEACH MEMORIAL ROAD
TRUMBULL, CONNECTICUT

DRAWING TITLE:
STRUCTURAL NOTES

SCALE:	DRAWN BY:	REVIEWED BY:
NONE	mdn	NAC

DRAWING NO.

S-104

DATE:	JOB NUMBER:
March 4, 2013	130XX

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