City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No:	Issue Date:	CBL:
07-0987		049 A001001

Location of Construction:	Owner Name:	Owner Address:	Phone:
165 PARK AVE	CITY OF PORTLAND	389 CONGRESS ST	
Business Name:	**Contractor Name:**	**Contractor Address:**	**Phone**
	TBD	Portland	
Lessee/Buyer's Name	**Phone:**	**Permit Type:**	**Zone:**
		Commercial	R05

Past Use:	Proposed Use:	Permit Fee:	Cost of Work:	CEO District:
Commercial / Hadlock Field	Commercial / Hadlock Field Club House beneath bleachers		$0.00	2

FIRE DEPT: ☑ Approved ☐ Denied

See Conditions

Signature: Lee Russ

INSPECTION:
Use Group: A3 Type: 5A
IBC 2003
Signature: JMB 10/4/07

Proposed Project Description:
Club House beneath bleachers

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action. ☐ Approved ☐ Approved w/Conditions ☐ Denied

Signature: Date:

Permit Taken By:	Date Applied For:
dmartin	08/14/2007

1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
2. Building permits do not include plumbing, septic or electrical work.
3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..

PERMIT ISSUED
OCT - 3 2007
CITY OF PORTLAND

Zoning Approval

Special Zone or Reviews	Zoning Appeal	Historic Preservation
☐ Shoreland	☐ Variance	☐ Not in District or Landmark
☐ Wetland	☐ Miscellaneous	☐ Does Not Require Review
☐ Flood Zone	☐ Conditional Use	☐ Requires Review
☐ Subdivision OK w/conditions	☐ Interpretation	☐ Approved
☑ Site Plan #2007-0157	☐ Approved	☐ Approved w/Conditions
Maj ☐ Min ☐ MM ☐	☐ Denied	☐ Denied
Date: JMB 10/4/07 MS on vacation	Date:	Date:

CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT | ADDRESS | DATE | PHONE

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE | DATE | PHONE

DOMUS ARCHITECTS

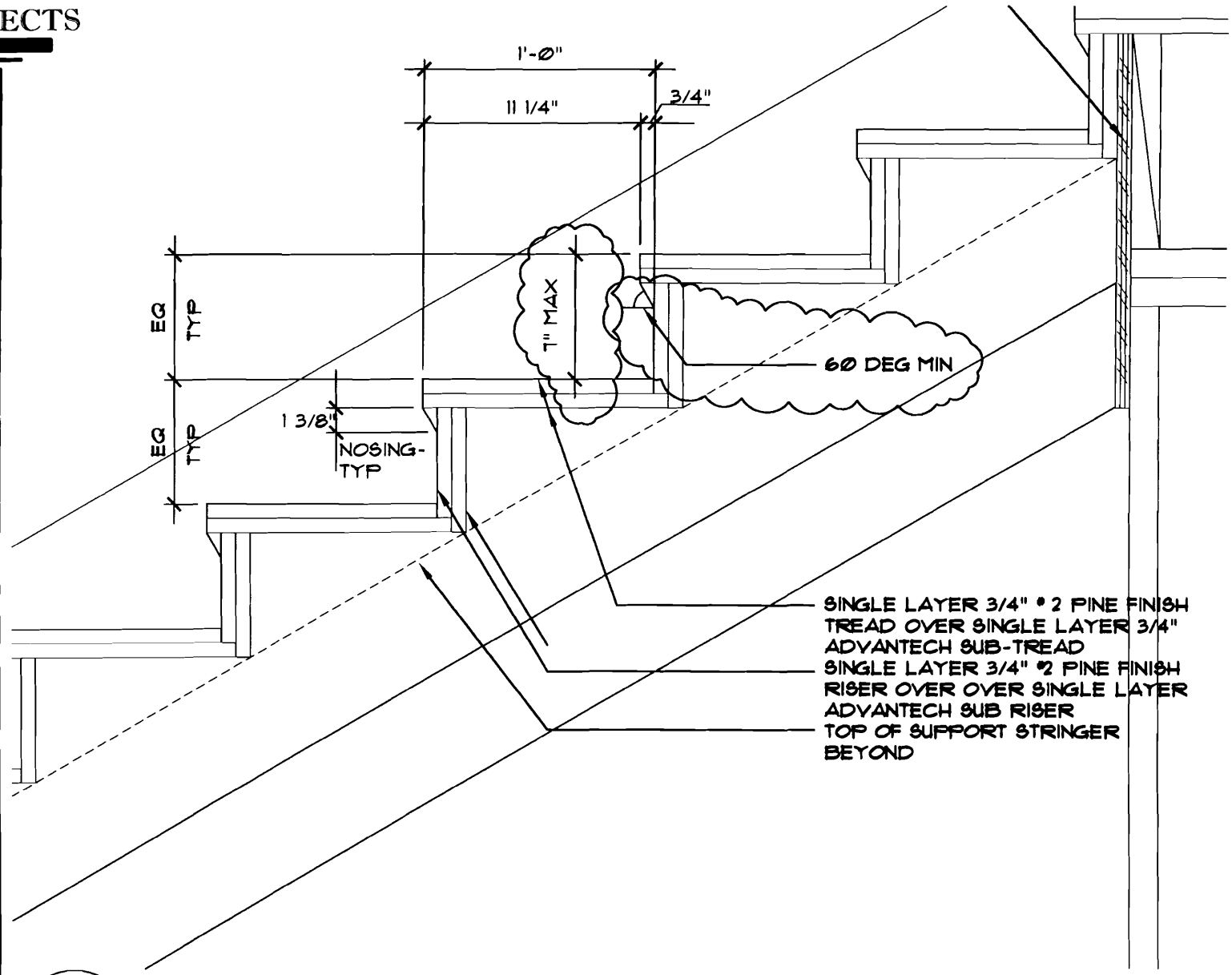
PO BOX 301
FREEPORT, MAINE
04032

PORTLAND SEAD DOGS CLUB HOUSE
LAMOINE
STATE PARK

PRINT STATUS:

SHEET NO: SK-1

TEL 207-865-1272
FAX 207-865-9568
WWW.DOMUSARCHITECTS.NET



B6
AE411

STAIR SECTION DETAIL CLARIFICATION

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

COM*check* Software Version 3.4.0
Envelope Compliance Certificate

2003 IECC

Report Date: 09/27/07

Data filename: Untitled.cck

Section 1: Project Information

Project Title: Portland Seadogs Clubhouse

Construction Site:	Owner/Agent:	Designer/Contractor:
Hadlock Field Portland, ME		

Section 2: General Information

Building Location (for weather data):	**Portland, Maine**
Climate Zone:	**15**
Heating Degree Days (base 65 degrees F):	**7378**
Cooling Degree Days (base 65 degrees F):	**268**
Project Type:	**New Construction**
Vertical Glazing / Wall Area Pct.:	**0%**

Building Type	Floor Area
Other	7016

Section 3: Requirements Checklist

Envelope PASSES: Design 22% better than code

Climate-Specific Requirements:

Component Name/Description	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor
Roof 1: All-Wood Joist/Rafter/Truss	6048	38.0	0.0	0.028	0.053
Exterior Wall 1: Wood Frame, Any Spacing	4044	19.0	0.0	0.068	0.075
Door 1: Solid	168	---	---	0.200	0.122
Floor 1: Slab-On-Grade:Unheated, Vertical 4 ft.	6048	---	10.4	---	---

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.

Air Leakage, Component Certification, and Vapor Retarder Requirements:

- ☐ 1. All joints and penetrations are caulked, gasketed or covered with a moisture vapor-permeable wrapping material installed in accordance with the manufacturer's installation instructions.
- ☐ 2. Windows, doors, and skylights certified as meeting leakage requirements.
- ☐ 3. Component R-values & U-factors labeled as certified.
- ☐ 4. Insulation installed according to manufacturer's instructions, in substantial contact with the surface being insulated, and in a manner that achieves the rated R-value without compressing the insulation.
- ☐ 5. Stair, elevator shaft vents, and other dampers integral to the building envelope are equipped with motorized dampers.
- ☐ 6. Cargo doors and loading dock doors are weather sealed.
- ☐ 7. Recessed lighting fixtures are: (i) Type IC rated and sealed or gasketed; or (ii) installed inside an appropriate air-tight assembly with a 0.5 inch clearance from combustible materials and with 3 inches clearance from insulation material.
- ☐ 8. Building entrance doors have a vestibule and equipped with closing devices.
  Exceptions:

  Building entrances with revolving doors.

Doors that open directly from a space less than 3000 sq. ft. in area.

☐ 9. Vapor retarder installed.

Section 4: Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed envelope system has been designed to meet the 2003 IECC requirements in COM*check* Version 3.4.0 and to comply with the mandatory requirements in the Requirements Checklist.

Name - Title	Signature	Date

COM*check* Software Version 3.4.0
Mechanical Compliance Certificate

2003 IECC

Report Date: 09/27/07

Data filename: Untitled.cck

Section 1: Project Information

Project Title: Portland Seadogs Clubhouse

Construction Site:	Owner/Agent:	Designer/Contractor:
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Project Type:	**New Construction**

Section 3: Mechanical Systems List

Quantity	System Type & Description
1	HVAC System 1: Heating: Other, Gas / Cooling: Rooftop Package Unit, Capacity <65 kBtu/h, Air-Cooled Condenser / Single Zone

Section 4: Requirements Checklist

Requirements Specific To: HVAC System 1 :

☐ 1. Equipment minimum efficiency: Rooftop Package Unit: 9.7 SEER

Generic Requirements: Must be met by all systems to which the requirement is applicable:

☐ 1. Load calculations per 2001 ASHRAE Fundamentals

☐ 2. Plant equipment and system capacity no greater than needed to meet loads

- Exception: Standby equipment automatically off when primary system is operating
- Exception: Multiple units controlled to sequence operation as a function of load

☐ 3. Minimum one temperature control device per system

☐ 4. Minimum one humidity control device per installed humidification/dehumidification system

☐ 5. Thermostatic controls has 5 degrees F deadband

- Exception: Thermostats requiring manual changeover between heating and cooling

☐ 6. Automatic Controls: Setback to 55 degrees F (heat) and 85 degrees F (cool); 7-day clock, 2-hour occupant override, 10-hour backup

- Exception: Continuously operating zones
- Exception: 2 kW demand or less, submit calculations

☐ 7. Automatic shut-off dampers on exhaust systems and supply systems with airflow >3,000 cfm

☐ 8. Outside-air source for ventilation; system capable of reducing OSA to required minimum

☐ 9. R-5 supply and return air duct insulation in unconditioned spaces R-8 supply and return air duct insulation outside the building R-8 insulation between ducts and the building exterior when ducts are part of a building assembly

- Exception: Ducts located within equipment

- Exception: Ducts with interior and exterior temperature difference not exceeding 15 degrees F.

☐ 10. Ducts sealed - longitudinal seams on rigid ducts; transverse seams on all ducts; UL 181A or 181B tapes and mastics

- Exception: Continuously welded and locking-type longitudinal joints and seams on ducts operating at static pressures less than 2 inches w.g. pressure classification

☐ 11. Mechanical fasteners and sealants used to connect ducts and air distribution equipment

☐ 12. Operation and maintenance manual provided to building owner

☐ 13. Balancing devices provided in accordance with IMC 603.15

☐ 14. Stair and elevator shaft vents are equipped with motorized dampers

Section 5: Compliance Statement

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2003 IECC requirements in COM*check* Version 3.4.0 and to comply with the mandatory requirements in the Requirements Checklist.

Name - Title	Signature	Date

COM*check* Software Version 3.4.0
Mechanical Requirements Description

2003 IECC

Report Date:

Data filename: Untitled.cck

The following list provides more detailed descriptions of the requirements in Section 4 of the Mechanical Compliance Certificate.

Requirements Specific To: HVAC System 1 :

1. The specified heating and/or cooling equipment is covered by ASHRAE 90.1 Code and must meet the following minimum efficiency: Rooftop Package Unit: 9.7 SEER

Generic Requirements: Must be met by all systems to which the requirement is applicable:

1. Design heating and cooling loads for the building must be determined using procedures in the ASHRAE Handbook of Fundamentals or an approved equivalent calculation procedure.
2. All equipment and systems must be sized to be no greater than needed to meet calculated loads. A single piece of equipment providing both heating and cooling must satisfy this provision for one function with the capacity for the other function as small as possible, within available equipment options.
   - Exception: The equipment and/or system capacity may be greater than calculated loads for standby purposes. Standby equipment must be automatically controlled to be off when the primary equipment and/or system is operating.
   - Exception: Multiple units of the same equipment type whose combined capacities exceed the calculated load are allowed if they are provided with controls to sequence operation of the units as the load increases or decreases.
3. Each heating or cooling system serving a single zone must have its own temperature control device.
4. Each humidification system must have its own humidity control device.
5. Thermostats controlling both heating and cooling must be capable of maintaining a 5 degrees F deadband (a range of temperature where no heating or cooling is provided).
   - Exception: Deadband capability is not required if the thermostat does not have automatic changeover capability between heating and cooling.
6. The system or zone control must be a programmable thermostat or other automatic control meeting the following criteria:a) capable of setting back temperature to 55 degrees F during heating and setting up to 85 degrees F during coolingb) capable of automatically setting back or shutting down systems during unoccupied hours using 7 different day schedulesc) have an accessible 2-hour occupant overrided) have a battery back-up capable of maintaining programmed settings for at least 10 hours without power.
   - Exception: A setback or shutoff control is not required on thermostats that control systems serving areas that operate continuously.
   - Exception: A setback or shutoff control is not required on systems with total energy demand of 2 kW (6,826 Btu/h) or less.
7. Outdoor-air supply systems with design airflow rates >3,000 cfm of outdoor air and all exhaust systems must have dampers that are automatically closed while the equipment is not operating.
8. The system must supply outside ventilation air as required by Chapter 4 of the International Mechanical Code. If the ventilation system is designed to supply outdoor-air quantities exceeding minimum required levels, the system must be capable of reducing outdoor-air flow to the minimum required levels.
9. Air ducts must be insulated to the following levels:a) Supply and return air ducts for conditioned air located in unconditioned spaces (spaces neither heated nor cooled) must be insulated with a minimum of R-5. Unconditioned spaces include attics, crawl spaces, unheated basements, and unheated garages.b) Supply and return air ducts and plenums must be insulated to a minimum of R-8 when located outside the building.c) When ducts are located within exterior components (e.g., floors or roofs), minimum R-8 insulation is required only between the duct and the building exterior.
   - Exception: Duct insulation is not required on ducts located within equipment.
   - Exception: Duct insulation is not required when the design temperature difference between the interior and exterior of the duct or plenum does not exceed 15 degrees F.
10. All joints, longitudinal and transverse seams, and connections in ductwork must be securely sealed using weldments; mechanical fasteners with seals, gaskets, or mastics; mesh and mastic sealing systems; or tapes. Tapes and mastics must be listed and labeled in accordance with UL 181A or UL 181B.
    - Exception: Continuously welded and locking-type longitudinal joints and seams on ducts operating at static pressures less than 2 inches w.g. pressure classification.

11. Mechanical fasteners and seals, mastics, or gaskets must be used when connecting ducts to fans and other air distribution equipment, including multiple-zone terminal units.
12. Operation and maintenance documentation must be provided to the owner that includes at least the following information:a) equipment capacity (input and output) and required maintenance actionsb) equipment operation and maintenance manualsc) HVAC system control maintenance and calibration information, including wiring diagrams, schematics, and control sequence descriptions; desired or field-determined set points must be permanently recorded on control drawings, at control devices, or, for digital control systems, in programming commentsd) complete narrative of how each system is intended to operate.
13. Each supply air outlet or diffuser and each zone terminal device (such as VAV or mixing box) must have its own balancing device. Acceptable balancing devices include adjustable dampers located within the ductwork, terminal devices, and supply air diffusers.
14. Stair and elevator shaft vents must be equipped with motorized dampers capable of being automatically closed during normal building operation and interlocked to open as required by fire and smoke detection systems. All gravity outdoor air supply and exhaust hoods, vents, and ventilators must be equipped with motorized dampers that will automatically shut when the spaces served are not in use. Exceptions: - Gravity (non-motorized) dampers are acceptable in buildings less than three stories in height above grade. - Ventilation systems serving unconditioned spaces.

MATERIAL/ACTIVITY	ITEM	Action	Frequency (All, Sample, Other, None)	Comments
SECTION 1 - STEEL CONSTRUCTION (IBC 2003)				
STRUCTURAL STEEL - Fabrication	1.1a	Review Fabricator QA/QC procedures manual.	Shop inspection required.	
	1.1b	Review Fabricator QA/QC procedures implementation and conformance.	Shop inspection required. Visual inspection of shop conformance.	
Engineer may waive Fabricator shop inspection if Fabricator is currently certified through the AISC Quality Certification Program.	1.1c	Review material certificates of compliance (bolts, nuts, washers, structural steel and weld filler material)	Verify that certificates of compliance and mill test reports have been approved.	
If shop inspection is waived, the Fabricator shall submit a letter certifying that the fabricated steel complies with the contract documents.	1.1d	Review welder certification.	Obtain certification numbers for all welders and all steel. Verify welder qualification in accordance with AWS D1.1.	
	1.1e	Review shop drawings.	Verify approval.	
	1.1f	Inspect welded connections.	Verify correct weld filler processes and weld rod storage. Provide continuous inspection of complete and partial penetration groove welds and for fillet welds greater than 5/16". Periodically inspect fillet welds equal to or less than 5/16". Visually inspect all welds after completion.	Inspector shall be qualified according to AWS D1.1.
	1.1g	Inspect bolted connections.	During installation, verify bolts, nuts, washers, paint, bolted parts and installation and tightening procedures are in compliance with referenced standards. Periodically inspect the installation of snug-tightened connections. Verify that all plies of all snug-tightened connections are drawn together. At pretensioned bolted connections, observe the pre-installation testing and calibration procedures when such procedures are required for the installation method. Provide continuous monitoring for pretensioned connections utilizing calibrated wrench method or turn of the nut method without matchmarking. Provide periodic monitoring of pretensioned bolted connections utilizing the turn of the nut method with matchmarking techniques, the direct tension indicator method, or the twist-off bolt method.	
	1.1h	Verify steel material.	Identify markings to conform to ASTM standards specified in construction documents.	
	1.1h	Review structural steel and fabrication for conformance to approved shop drawings.	Verify member sizes, piece marks and connection details match approved shop drawings. Visually inspect bolts and welds.	
	1.1i	Review Certificate of Compliance.	Verify submission of certificate of compliance that fabricated material complies with contract documents.	
STRUCTURAL STEEL - Erection	1.2a	Review welder certification.	Obtain certification numbers for all welders and all steel. Verify welder qualification in accordance with AWS D1.1	
	1.2b	Review materials certificates of compliance (bolts, nuts, washers, and weld filler material) and steel mill test reports.	Verify that certificates of compliance and steel mill test reports have been approved.	
	1.2c	Review structural steel and erection for conformance to approved shop drawings.	Verify all member sizes, piece marks and connection details.	
	1.2d	Inspect welded connections.	Verify correct weld filler processes and weld rod storage. Provide continuous inspection of complete and partial penetration groove welds and for fillet welds greater than 5/16". Periodically inspect fillet welds equal to or less than 5/16". Visually inspect all welds after completion.	Inspector shall be qualified according to AWS D1.1.

MATERIAL/ACTIVITY	ITEM	Action	Frequency (All, Sample, Other, None)	Comments
	1.2e	Inspect field bolting installation in accordance with Section 9 of RCSC *Specification for Structural Joints Using ASTM A325 or A490 Bolts.*	Visually inspect all bolts. During installation, verify bolts, nuts, washers, paint, bolted parts and installation and tightening procedures are in compliance with referenced standards. Periodically inspect the installation of snug-tightened connections. Verify that all plies of all snug-tightened connections are drawn together. At pretensioned bolted connections, observe the pre-installation testing and calibration procedures when such procedures are required for the installation method. Provide continuous monitoring for pretensioned connections utilizing calibrated wrench method or turn of the nut method without matchmarking. Provide periodic monitoring of pretensioned bolted connections utilizing the turn of the nut method, or the twist-off bolt method.	
	1.2f	Review Bracing connections.	Visually inspect all	
STEEL STAIRS AND GUARDRAILS NOTE: special inspector may waive Fabricator shop inspection if the fabricator is currently certified through the AISC Quality Certification program.	1.5a	Review Fabricator QA/QC Procedures manual.	Special Inspector to review.	
	1.5b	Review Fabricator QA/QC procedures implementation and conformance.	One shop inspection required. Visual inspection of shop conformance.	
	1.5c	Review welder certifications.	Verify welder qualification in accordance with AWS D1.1. Obtain certification numbers for all welders.	
	1.5d	Review shop drawings.	Verify approval	
	1.5e	Inspect welded connections.	Perform continuous inspection of complete and partial penetration groove welds and fillet welds larger than 5/16". Perform periodic inspection of fillet welds 5/16" and smaller. Visually inspect all welds after completion.	
	1.5f	Inspect bolted connections utilizing high-strength bolts.	Periodically inspect installation of high-strength bolts. Verify that all plies of all connections are drawn together.	
Steel Stairs and Guardrail Systems - Erection	1.6a	Review welder certification.	Verify welder qualification in accordance with AWS D1.1. Obtain certification numbers for all welders.	
	1.6b	Inspect welded connections.	Perform continuous inspection of complete and partial penetration groove welds and fillet welds larger than 5/16". Perform periodic inspection of installation of fillet welds 5/16" and smaller. Visually inspect all welds after completion.	
	1.6c	Inspect bolted connections utilizing high-strength bolts.	Periodically inspect installation of high strength bolts. Verify that all plies are drawn together.	
	1.6d	Inspect installation.	Perform periodic inspection in progress and complete inspection at completion verifying all members and connections conform with the contract documents and approved shop drawings.	
	1.7b	Review welder certification.	Obtain certification numbers for all welders.	
	1.7d	Review details of steel frames.	Visually inspect all	
	1.7e	Inspect bolted connections utilizing high-strength bolts.	Periodically inspect installation of high-strength bolts. Verify that all plies of all connections are drawn together.	
	1.7f	Review fabrication for conformance with approved shop drawings.	Verify member sizes, piece marks, and connection details match approved shop drawings.	
Steel Deck Erection	1.8a	Review steel deck shop drawings.	Verify approval.	
	1.8b	Review welder certification.	Verify welder qualification in accordance with AWSD1.1. Obtain certification numbers of all welders.	
	1.8c	Verify number, type, and location of steel deck connection to framing and side lap fasteners.	Visually inspect all. Verify welds comply with AWS D1.3 requirements.	

MATERIAL/ACTIVITY	ITEM	Action	Frequency (All, Sample, Other, None)	Comments
	1.8d	Inspect installation of shear connectors.	Prior to starting, verify materials and weld processes are in compliance with AWS requirements and construction documents. Periodically inspect shear connector installation. Inspect soundness of all welds. Verify number and location of all. Random test 20% of all connectors in accordance with AWS Chapter 5.	
SECTION 2 - CONCRETE CONSTRUCTION (IBC 2003 - 1704.4)				
CONCRETE MATERIALS	2.1a	Review mix design.	Verify approval of all mixes intended for use	
	2.1b	Review reinforcement grade	Inspect identifying marks on reinforcing steel.	
	2.1c	Review submittals.	Verify acceptance of propriety products and reinforcing steel shop drawings. Review requirements of reinforcing steel on placement drawings.	
REINFORCING AND PRESTRESSING STEEL	2.2a	Inspect condition and placement of reinforcing steel.	All reinforcing steel at walls, spread footings, columns and beams, column piers, and elevated slabs. Check prior to each concrete placement.	
FORMWORK	2.3a	Verify acceptability of substrate.	Prior to each concrete placement.	
	2.3b	Verify dimensions and materials acceptability.	Prior to each concrete placement.	
	2.3c	Inspect removal of formwork.	Verify timing of removal for compliance with specifications.	
EMBEDMENTS	2.4a	Inspect installation of anchor bolts, masonry dowels and other embedded items.	Inspect for each concrete placement. Verify size, layout and embedment.	
CONCRETE OPERATIONS	2.5a	Field testing of concrete slump, temperature, and air content.	All concrete placements.	
	2.5b	Take concrete cylinder samples and perform compressive strength test	All concrete placements	
	2.5c	Observe concrete placement.	Inspect placement procedures at all concrete placements	
	2.5d	Observe concrete curing technique and temperature.	Once daily when air temperature is above 32°F. Twice daily when temperature is below 32°F.	
SECTION 3 - MASONRY CONSTRUCTION (IBC 2003 - 1704.5)				
MASONRY SPECIAL INSP. LEVEL 1 (REQUIRED IN NONESSENTIAL FACILITIES AND FOR MASONRY VENEER IN ESSENTIAL FACILITIES)	3.1a	Review submittals.	Verify approval of mortar mixes, mortar ingredients, reinforcing, steel shop drawings, veneer anchor assemblies, and other items requiring SER approval per the Construction Documents.	
	3.1b	Inspect mixing of site-prepared mortar.	Periodically verify mix proportions for compliance with approved mix.	
	3.1c	Inspect mortar placement.	Periodically inspect	
	3.1g	Inspect size and location of structural elements.	Verify member sizes and layout of all structural members.	
	3.1h	Inspect cold weather and hot weather installation.	Inspect procedures daily when air temperature is below 40 degrees F or above 90 degrees F at any time in the day.	
	3.1i	Inspect grout placement.	Periodically inspect grout spaces prior to grout placement. Periodically inspect grout mixing and placement.	
	3.1j	Field testing of mortar, grout, and prisms.	Perform construction testing in accordance with the Contract Documents.	

MATERIAL/ACTIVITY	ITEM	Action	Frequency (All, Sample, Other, None)	Comments
SECTION 4 - WOOD CONSTRUCTION (IBC 2003 - 1704.6)				
WOOD TRUSS FABRICATION NOTE: Engineer waive Fabricator shop inspection if Fabricator is currently currently certified through the TPI Quality Certification Program.	4.1a	Review Fabricator QA/QC procedures manual.	One shop inspection required.	
	4.1b	Review Fabricator QA/QC procedures implementation and conformance.	One shop inspection required. Visual inspection of shop conformance.	
	4.1c	Review material certificates of compliance (wood grade and species, metal connectors)	Obtain copies of mill certificates for all lumber and metal connectors used in truss fabrication.	
	4.1d	Inspect fabrication for conformance to approved shop drawings. Visually inspect grade stamps and metal plates.	Verify member sizes, piece marks and connection details match approved shop drawings.	
WOOD TRUSS ERECTION	4.2a	Review submittals.	Verify approval of shop drawings and product data for proprietary connectors.	
	4.2b	Inspect wood trusses and erection for conformance to approved shop drawings.	Verify all member sizes, piece marks and connection details.	
	4.2c	Inspect wood truss bearing connection, bearing length, bridging, and bracing. Inspect installation of trusses for conformance to TPI HIB-91.	Visually inspect all trusses.	
	4.2d	Inspect installation of metal connectors for compliance with contract documents and manufacturer=s recommendation.	Visually inspect all connections.	
GENERAL WOOD CONSTRUCTION	4.3a	Review submittals.	Verify approval of materials and proprietary connectors.	
	4.3b	Inspect installation, spacing and connection of wood framing for conformance to contract documents.	Visually inspect all framing and connections.	
	4.3c	Inspect installation and fastening of structural wood panels to wood framing	Visually inspect all.	
	4.3d	Inspect nail size and spacing at all diaphragms and shearwalls.	Visually inspect all.	
	4.3e	Inspect installation of metal connectors for compliance with contract documents and manufacturer's recommendation.	Visually inspect all connections.	
SECTION 5 - SOILS (IBC 2003 - 1704.7)				
SOILS	5.1a	Inspect site preparation and soil conditions prior to placement of fill for conformance with contract documents and soils report.	All under building footprint. Verify depth of excavation and acceptability of substrate.	
	5.1b	Verify approval of fill materials.	Prior to installation	
	5.1c	Inspect fill placement for fill more than 12 inches deep.	Continuously inspect use of proper materials, lift thickness, and compaction method.	
	5.1d	Field testing of fill more than 12 inches deep.	Test compaction and gradation in accordance with contract documents and geotechnical report.	
SECTION 10 ? SPECIAL CASES (IBC 2003 1704.13)				
	10.1a			
	10.1b			