1 STRUCTURAL TESTS AND INSPECTIONS (DEC. 2006) 

1.1 General 

The Structural tests and Inspections are intended to verify that the construction has been performed in accordance with the approved contract documents. The tests and inspections are performed to ensure that the structure meets the design requirements and that the materials, components, and workmanship comply with the specifications. The tests and inspections are carried out by independent third-party inspectors who have the necessary qualifications and experience to perform the required tasks. The test and inspection results are documented in the inspection reports which are submitted to the owner and the contract documents. The inspection reports are used to verify that the structure is safe and meets the design requirements.

2 FOUNDATIONS 

2.1 General 

The foundations are designed to provide the necessary support for the structure and to transfer the loads from the structure to the soil. The foundations are designed to meet the requirements of the building code and to provide the necessary strength and stiffness to support the loads. The foundations are designed to accommodate the soil conditions and to provide the necessary support for the structure.

3 CONCRETE 

3.1 General 

Concrete is a composite material consisting of Portland cement, aggregate, and water. The concrete is placed and compacted to meet the design requirements and to ensure the integrity of the structure. The concrete is cured to allow the hydration process to occur and to ensure the strength development.

4 STEEL 

4.1 General 

Steel is a versatile material that is used in the construction of buildings. The steel is designed to provide the necessary strength and stiffness to support the loads. The steel is designed to meet the requirements of the building code and to provide the necessary strength and stiffness.

5 STRUCTURAL STEEL SHOP DRAWINGS 

5.1 General 

The Structural Steel Shop Drawings are intended to provide the necessary information for the fabrication and installation of the steel. The drawings are designed to meet the requirements of the building code and to provide the necessary information for the fabrication and installation of the steel.

6 LOADING CONDITIONS 

6.1 General 

The loading conditions are intended to provide the necessary information for the design of the structure. The loading conditions are based on the building code and the requirements of the project. The loading conditions are used to determine the loads that the structure must be designed to support.

7 STRUCTURAL ANALYSIS 

7.1 General 

The structural analysis is intended to provide the necessary information for the design of the structure. The structural analysis is performed using computer software and is based on the loading conditions and the material properties of the structure.

8 MATERIAL PROPERTIES 

8.1 General 

The material properties are intended to provide the necessary information for the design of the structure. The material properties are based on the results of tests and are used to determine the strength and stiffness of the materials.

9 WELDING 

9.1 General 

Welding is a process that is used to join metal components. The welding process is designed to provide the necessary strength and stiffness to the structure. The welding process is performed in accordance with the requirements of the building code and the manufacturer's instructions.

10 UNDERPINNING 

10.1 General 

Underpinning is a process that is used to reinforce existing structures. The underpinning process is designed to provide the necessary support for the structure and to stabilize the existing structure.

11 CONSTRUCTION 

11.1 General 

Construction is the process of building the structure. The construction process is designed to provide the necessary support for the structure and to ensure the integrity of the structure.

12 INSPECTIONS 

12.1 General 

Inspections are performed to ensure the quality of the construction. The inspections are performed by independent third-party inspectors who have the necessary qualifications and experience to perform the required tasks. The inspection results are documented in the inspection reports which are submitted to the owner and the contract documents. The inspection reports are used to verify that the structure is safe and meets the design requirements.
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<tr>
<th>Room Name</th>
<th>Use/Space Classification</th>
<th>Ceiling Height</th>
<th>Area (ft²)</th>
<th>OCCUPANCY CLASSIFICATION</th>
<th>AREA (ft²)</th>
<th>ACTUAL OCCUPANT</th>
<th>OCCUPANTS</th>
<th>OCCUPANT AIRFLOW RATE (ACH)</th>
<th>Equipment</th>
<th>Fan Type</th>
<th>Number of Supply Fans</th>
<th>Number of Return Fans</th>
<th>Area OA (ft²)</th>
<th>Area OUTDOOR (ft²)</th>
<th>Pressurization Zone</th>
<th>Total Rate (CFM)</th>
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**Hoffman Estates Park District**

**Triphahn Center**

**1685 West Higgins Road**

**Hoffman Estates, IL 60169**

**Imc 2012 Requirements**

**Willis/Associates/Architects, Ltd.**

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