FOR PERMIT

GENERAL REQUIREMENTS

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FLOWER OF VACOAL, The City of San Francisco Municipal Light and Power, a public body and in 1927, Streetcar 108, a production building with floor space of 121,000 square feet of gross area. The design and construction of the building is to be in accordance with the provisions of the City of San Francisco Municipal Light and Power’s regulations governing the design and construction of buildings. For the purpose of this project, the term “building” shall mean a structure that is constructed of masonry, steel, or other similar material and is used for the purpose of housing or sheltering people or property. The term “structure” shall mean any permanent or temporary erection that is constructed for the purpose of housing or sheltering people or property. The term “construction” shall mean the process of building or making a building or structure. The term “work” shall mean any work performed in the construction of a building or structure. The term “material” shall mean any material used in the construction of a building or structure. The term “contractor” shall mean any person or firm engaged in the construction of a building or structure. The term “contract” shall mean any agreement between a contractor and a client. The term “client” shall mean any person or firm for whom a building or structure is being constructed. The term “supervisor” shall mean any person or firm responsible for the supervision of the construction of a building or structure. The term “foreman” shall mean any person or firm responsible for the direction of the construction of a building or structure. The term “worker” shall mean any person or firm employed in the construction of a building or structure. The term “subcontractor” shall mean any person or firm engaged in the construction of a building or structure under a contract with a contractor. The term “subcontract” shall mean any agreement between a subcontractor and a contractor. The term “site” shall mean the location where the building or structure is being constructed. The term “building code” shall mean any code or standard governing the construction of buildings. The term “building code official” shall mean any person or firm responsible for enforcing the building code. The term “building code interpretation” shall mean any decision or ruling by a building code official regarding the application of the building code. The term “building permit” shall mean any permit issued by a building code official for the construction of a building or structure. The term “building inspection” shall mean any inspection of a building or structure by a building code official. The term “building inspection report” shall mean any report issued by a building code official regarding the results of an inspection of a building or structure. The term “building permit application” shall mean any application for a building permit. The term “building permit issuance” shall mean the issuance of a building permit. The term “building permit expiration” shall mean the expiration of a building permit. The term “building permit renewal” shall mean the renewal of a building permit. The term “building permit cancellation” shall mean the cancellation of a building permit. The term “building permit modification” shall mean any modification to a building permit. The term “building permit amendment” shall mean any amendment to a building permit. The term “building permit suspension” shall mean the suspension of a building permit. The term “building permit appeal” shall mean an appeal of a building permit decision. The term “building permit enforcement” shall mean the enforcement of building permits. The term “building code enforcement” shall mean the enforcement of building codes. The term “building code violation” shall mean any violation of the building code. The term “building code violation enforcement” shall mean the enforcement of building code violations.

REFERENCE STANDARDS: Refer to Chapter 26 of the 2016 IBC. Where other Standards are noted in the text of this Project, the text is intended to be an exception to the standard.

DESIGN CRITERIA: The following is a list of the design criteria for this Project:

FOR PERMIT

Table of Engineering Standards:

| Type | Use | Height (m) | Early | Py | Late | Final
|------|-----|------------|-------|---|-----|-----|
| Ground Floor | Pedestrian | 1.5 | 1.5 | 2.0 | 2.0 | 2.0
| Basement | Core | 2.0 | 2.0 | 2.0 | 2.0 | 2.0

CAST IN PLACE CONCRETE

REFERENCE STANDARDS: Refer to the 2016 ACI Code for Reinforced Concrete. Refer also to the following:

FOR PERMIT

POST-INSTALLED ANCHORS INTO CONCRETE: Design load shall be based on the concrete Formability of the Structure. Design load shall be based on the following:

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POST-INSTALL ANCHORS INTO CONCRETE:

| Type | Use | Height (m) | Early | Py | Late | Final
|------|-----|------------|-------|---|-----|-----|
| Ground Floor | Pedestrian | 1.5 | 1.5 | 2.0 | 2.0 | 2.0
| Basement | Core | 2.0 | 2.0 | 2.0 | 2.0 | 2.0

WATER PUMPING

| Type | Use | Height (m) | Early | Py | Late | Final
|------|-----|------------|-------|---|-----|-----|
| Ground Floor | Pedestrian | 1.5 | 1.5 | 2.0 | 2.0 | 2.0
| Basement | Core | 2.0 | 2.0 | 2.0 | 2.0 | 2.0

WATER PUMPING

| Type | Use | Height (m) | Early | Py | Late | Final
|------|-----|------------|-------|---|-----|-----|
| Ground Floor | Pedestrian | 1.5 | 1.5 | 2.0 | 2.0 | 2.0
| Basement | Core | 2.0 | 2.0 | 2.0 | 2.0 | 2.0

SANITARY SYSTEMS

| Type | Use | Height (m) | Early | Py | Late | Final
|------|-----|------------|-------|---|-----|-----|
| Ground Floor | Pedestrian | 1.5 | 1.5 | 2.0 | 2.0 | 2.0
| Basement | Core | 2.0 | 2.0 | 2.0 | 2.0 | 2.0

HEATING SYSTEMS

| Type | Use | Height (m) | Early | Py | Late | Final
|------|-----|------------|-------|---|-----|-----|
| Ground Floor | Pedestrian | 1.5 | 1.5 | 2.0 | 2.0 | 2.0
| Basement | Core | 2.0 | 2.0 | 2.0 | 2.0 | 2.0

PLUMBING SYSTEMS

| Type | Use | Height (m) | Early | Py | Late | Final
|------|-----|------------|-------|---|-----|-----|
| Ground Floor | Pedestrian | 1.5 | 1.5 | 2.0 | 2.0 | 2.0
| Basement | Core | 2.0 | 2.0 | 2.0 | 2.0 | 2.0

INSTRUMENTATION

| Type | Use | Height (m) | Early | Py | Late | Final
|------|-----|------------|-------|---|-----|-----|
| Ground Floor | Pedestrian | 1.5 | 1.5 | 2.0 | 2.0 | 2.0
| Basement | Core | 2.0 | 2.0 | 2.0 | 2.0 | 2.0

MATERIALS

| Type | Use | Height (m) | Early | Py | Late | Final
|------|-----|------------|-------|---|-----|-----|
| Ground Floor | Pedestrian | 1.5 | 1.5 | 2.0 | 2.0 | 2.0
| Basement | Core | 2.0 | 2.0 | 2.0 | 2.0 | 2.0

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| Type | Use | Height (m) | Early | Py | Late | Final
|------|-----|------------|-------|---|-----|-----|
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|------|-----|------------|-------|---|-----|-----|
| Ground Floor | Pedestrian | 1.5 | 1.5 | 2.0 | 2.0 | 2.0
| Basement | Core | 2.0 | 2.0 | 2.0 | 2.0 | 2.0

MATERIALS
drawings for construction until Contractor receives written approval for use in construction by the jurisdiction having authority and DCI Engineers.
SPECIAL INSPECTION AND STRUCTURAL OBSERVATION

A COPIE OF THIS DOCUMENT SHALL BE RPT WITH THE APPROVED STRUCTURAL DRAWING

FOR PERMIT

SPECIAL INSPECTION SERVICES

DBI Enginee rs / Plan Chceker

Special Inspection Services

416 Mission Street - San Francisco CA 94103

Special Inspection Services (415) 558-6132; or,

www.sfdbi.org

Special Inspection Services Contact Information

1. Telephone: (415) 558-6132
2. Fax: (415) 558-614
3. Email: dbi.specialinspections@sfgov.org
4. In person: 4th Floor of 1000 Mission Br

Note: We are moving towards a paperless mode of operation. All special inspection submit tions, including field letters, may be emailed (preferred) or faxed. We will also be shifting to a paperless fax receipt mode.

SPECIAL INSPECTION REQUIREMENTS

Please note that Special Inspections shown on the approved plan and checked on the Special Inspections form issued with the permit are required for this project. The employment of special inspectors is the direct responsibility of the owner or the engineer/architect of record acting as the owner’s representative.

Before final building inspection is scheduled, documentation of special inspection compliance must be submitted to and approved by Special Inspection Services staff. To avoid delays in the process, the project owner should request that compliance reports from the architect or engineer of record and/or special inspection agency submitted to the District Building Inspector prior to start of work for which special inspection is required.

For questions regarding the details or extent of required inspection or tests, please call the Department of Building Inspection. The name of the special inspector shall be furnished to the district building inspector prior to start of work for which special inspection is required.

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STUD AND SHEAR WALL PLAN NOTES:

1. Strut framing within the shear walls shall be designed and detailed in accordance with the code and the jurisdiction having authority.
2. Lumber shall be preservative treated with all new work.
3. Drilled holes through the structural elements will be filled with a wooden dowel, if required.
4. Shear walls shall be installed prior to the concrete being placed.
5. Strut framing shall be designed and detailed in accordance with the jurisdiction having authority.
6. Masonry shear walls shall be designed and detailed in accordance with the jurisdiction having authority.

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7KHVHGUDZLQJVDUHVXIILFLHQWO\FRPSOHWHIRUVXEPLVVLRQWRWKHMXULVGLFWLRQKDYLQJDXWKRULW\IRUSHUPLW}7KH&RQWUDFWRUVKDOOQRWXVHWKHVHdrawings for construction until Contractor receives written approval for use in construction by the jurisdiction having authority and DCI Engineers.
NOTE:

STUD AND SHEAR WALL PLAN NOTES:
1. STRUCTURAL SHEAR WALL DESIGN CONSIDERATION AND LIMITS PER SI-7 AND SI-2.
2. ELEVATION SHOWN FOR VERTICAL CENTERS FOR ALL SHEAR WALLS.
3. DRAWING INCLUDES VERTICAL AREAS NOT TO SCALE REQUIRE MATH.
4. SHEAR WALL DESIGN TO BE CONFIRMED AND APPROVED BY DCI ENGINEERS.
5. DRAWING SHEAR WALL DESIGN PER INTRINSIC ENGINEERING RESOURCES.
6. SHEAR WALL REINFORCEMENT TO BE CONFIRMED AND APPROVED.
7. TYPICAL SHEAR WALL DESIGN PER DESIGNER.
8. FOR TOP AND BOTTOM OF EXISTING INTERIOR SHEAR WALL CONTINUING TO BE DESIGN, SEE A-001.
EXISTING SILL PLATE CONNECTION TO EXISTING
CONCRETE WHERE NEW ANCHOR BOLTS ARE REQUIRED

EXISTING THICKENED SLAB
FOOTING AT INTERIOR STUD WALL

SECTION

SHEAR WALL SCHEDULE

<table>
<thead>
<tr>
<th>No.</th>
<th>Wall Type</th>
<th>Material</th>
<th>Size</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SHEAR WALL SCHEDULE

NOTES:

1. The drawings are intended to be used for construction.
2. The drawings may be modified by the Contractor for use in construction.
3. The Contractor is required to ensure that the drawings are used correctly.
4. The drawings are subject to change without notice.
5. The Contractor should contact the Owner for any unknown items or conditions.
6. The Contractor should ensure that all materials are used as specified.
7. The Contractor should ensure that all work is performed in accordance with the drawings.
8. The Contractor should ensure that all work is performed in accordance with the specifications.
9. The Contractor should ensure that all work is performed in accordance with the contracts.
10. The Contractor should ensure that all work is performed in accordance with the laws.
11. The Contractor should ensure that all work is performed in accordance with the regulations.
12. The Contractor should ensure that all work is performed in accordance with the building code.
13. The Contractor should ensure that all work is performed in accordance with the standards.
14. The Contractor should ensure that all work is performed in accordance with the quality control procedures.
15. The Contractor should ensure that all work is performed in accordance with the safety procedures.
16. The Contractor should ensure that all work is performed in accordance with the environmental procedures.
17. The Contractor should ensure that all work is performed in accordance with the project management procedures.
18. The Contractor should ensure that all work is performed in accordance with the quality assurance procedures.
19. The Contractor should ensure that all work is performed in accordance with the quality control procedures.
20. The Contractor should ensure that all work is performed in accordance with the quality assurance procedures.

ALTERNATE SECTION