1.1 SIGNAGE

(TBD BY FUTURE TENANT)

E CONC, PILASTER, APPLY (N)

FINISH TO MATCH EIFS

N CONC. PILASTER

REINFORCING, S.S.D.

APPLY (N) FINISH TO MATCH EIFS.

N STOREFRONT

BEYOND N CONCRETE

FOUNDATION, S.S.D.

RAMP

E CONC. WALL TYP.

N WINDOW TYP.

E CONC. FLOOR TYP.

MATCH LINE

STOREFRONT SYSTEM, TYP.

INSULATED METAL PANEL CLADDING, TYP.

STRUCTURAL STEEL COLUMN WITH INTUMESCENT PAINT FIREPROOFING, TYP.

AT NORTH WALL, SEE PLANS

STRUCTURAL STEEL WITH SPRAY FIRE PROOFING TYP.

GALVANIZED STEEL GUARDRAIL, PTD

FIRE-RATED PERIMETER JOINT, TYP.

"C" CHANNEL SLIDING DOOR STOREFRONT

ALUMINUM RAILING

METAL AWNING

RECESSED

3'-6" 8"

2'-10"

9'

R3.0

SEE PLAN

NICHE FOR SMOKE CURTAIN

A4.10

WALL SECTIONS

1/2"=1'-0"

U C Press

2120 Berkeley Way

Berkeley, California

APN: 057-2046-2

ARCHITECT

Tipping Structural Engineers

1906 Shattuck Avenue

Berkeley, CA 94704

SURVEYOR

Moran Engineering, Inc.

1930 Shattuck Ave., Suite A

Berkeley, CA 94704

MECHANICAL, ELECTRICAL, PLUMBING

Structural Engineers

3371 Olcott Street

Santa Clara, CA 95054

MECHANICAL, ELECTRICAL, PLUMBING

Aciex Engineers

3371 Olcott Street

Santa Clara, CA 95054

DEVI DUTTA ARCHITECTURE INC.

928 Carleton Street

Berkeley, CA 94710

ARCHITECT

STRUCTURAL

CIVIL

DAVID J. FRANCO

1930 Shattuck Ave.

Berkeley, CA 94704

LANDSCAPE ARCHITECT

CFLA

74 Dudley Avenue

Piedmont, CA 94611

NOT FOR CONSTRUCTION: REFERENCE ONLY
### General Assembly Notes

1. **Column Protection:** Requires a minimum of 2 layers of 1/2" foam glass insulation, with a maximum of 1" thickness. The insulation must be installed in accordance with local building codes.

2. **Interior Plumbing Chases, Non-Rated:** Use 2 layers of 1/2" foam glass insulation, with a maximum of 1" thickness. The insulation must be installed in accordance with local building codes.

3. **Interior Shaft Wall, Rated:** Requires a minimum of 2 layers of 1/2" foam glass insulation, with a maximum of 1" thickness. The insulation must be installed in accordance with local building codes.

4. **Interior Load Bearing Wall:** Use 2 layers of 1/2" foam glass insulation, with a maximum of 1" thickness. The insulation must be installed in accordance with local building codes.

5. **Exterior Non-Loading Bearing Wall with Insulated Metal Panel:** Requires a minimum of 2 layers of 1/2" foam glass insulation, with a maximum of 1" thickness. The insulation must be installed in accordance with local building codes.

6. **Exterior Non-Loading Bearing Wall with EPS:** Use 2 layers of 1/2" foam glass insulation, with a maximum of 1" thickness. The insulation must be installed in accordance with local building codes.

### Fire Resistance Ratings

<table>
<thead>
<tr>
<th>Type</th>
<th>Rating</th>
<th>Size</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOAM GLASS INSULATION</td>
<td>2HR</td>
<td>1/2&quot;</td>
<td>1&quot;</td>
</tr>
<tr>
<td>METAL STUDS</td>
<td>1HR</td>
<td>1/2&quot;</td>
<td>1&quot;</td>
</tr>
<tr>
<td>SHEET ROCK</td>
<td>1HR</td>
<td>1/2&quot;</td>
<td>1&quot;</td>
</tr>
</tbody>
</table>

### Sheet Rock Panel Specifications

- **Type:** Metal Studs, 1/2" x 1/2"
- **Thickness:** 1/2" to 1"
- **Rating:** 1HR

### Metal Studs Specifications

- **Type:** Metal Studs, 1/2" x 1/2"
- **Thickness:** 1/2" to 1"
- **Rating:** 1HR

### Foam Glass Insulation Specifications

- **Type:** Foam Glass Insulation, 1/2" x 1/2"
- **Thickness:** 1/2" to 1"
- **Rating:** 2HR

### Additional Notes

- **Perimeter Sealing:** Use a minimum of 2 layers of 1/2" foam glass insulation, with a maximum of 1" thickness. The insulation must be installed in accordance with local building codes.

- **Finish:** Use a minimum of 2 layers of 1/2" foam glass insulation, with a maximum of 1" thickness. The insulation must be installed in accordance with local building codes.

### Drawings

- **Exterior Load Bearing Wall:** Requires a minimum of 2 layers of 1/2" foam glass insulation, with a maximum of 1" thickness. The insulation must be installed in accordance with local building codes.

- **Interior Load Bearing Wall:** Use 2 layers of 1/2" foam glass insulation, with a maximum of 1" thickness. The insulation must be installed in accordance with local building codes.

### References

1. **Underwriters Laboratories Inc., "Fire Resistance Volume 1"**
2. **California Building Code 2013, Table 720.1(2)**
3. **General Assemblies Notes**
4. **Exterior Non-Loading Bearing Wall with EPS**
5. **Exterior Non-Loading Bearing Wall with Insulated Metal Panel**

### Fire Resistant Assemblies

- **Type:** Metal Studs, 1/2" x 1/2"
- **Thickness:** 1/2" to 1"
- **Rating:** 1HR

### Additional Information

- **Exterior Non-Loading Bearing Wall with EPS:** Requires a minimum of 2 layers of 1/2" foam glass insulation, with a maximum of 1" thickness. The insulation must be installed in accordance with local building codes.