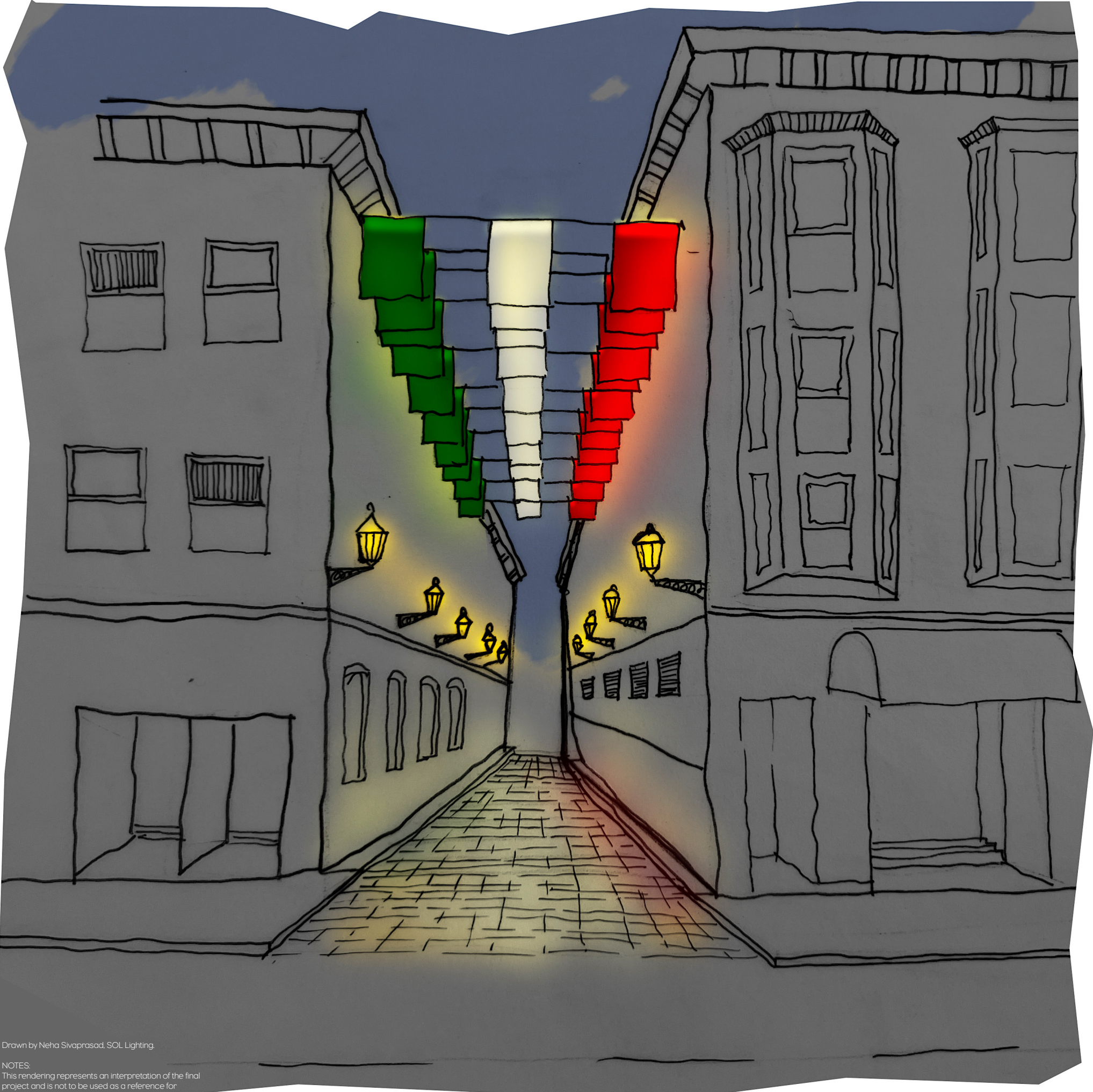




Drawn by Neha Sivaprasad, SOL Lighting.

NOTES:
This rendering represents an interpretation of the final project and is not to be used as a reference for construction or permitting.

PROJECT DESCRIPTION:

"REGIONS OF ITALY" IS A PROPOSAL SUBMITTED ON BEHALF OF THE NORTH BEACH BUSINESS ASSOCIATION. (EIN # 80-0767401, MIKE ZWIEFELHOFFER, PRESIDENT, zccustomer@care@gmail.com, 916.806.3610). THE PROJECT, FUNDED BY A \$50,000.00 AVENUE GREENLIGHT CRANT, AIMS TO DISPLAY EACH FLAG OF THE TWENTY REGIONS OF ITALY AS A CULTURAL LANDMARK, RUNNING 70.25' DOWN JASPER PLACE FROM ITS INTERSECTION AT THE 500 BLOCK OF GREEN STREET IN SAN FRANCISCO'S NORTH BEACH NEIGHBORHOOD. THE PROPOSAL CONSISTS OF FIVE ROWS OF FOUR 3'-00" x 5'-00" FLAGS STRUNG OVER THE ALLEYWAY THAT WILL BE BACK-LIT TO CREATE A FOCAL POINT FOR THE HISTORIC NEIGHBORHOOD BOTH DAY AND NIGHT.

SHEET INDEX:

- G 0.1 - COVER SHEET
- A 1.1 - SITE PLAN - EXISTING + PROPOSED CONDITIONS
- A 2.1 - 550 GREEN ELEVATION - EXISTING + PROPOSED CONDITIONS
- A 2.2 - 548 GREEN ELEVATION - EXISTING + PROPOSED CONDITIONS
- A 9.1 - SCHEMATIC DESIGN - PERSEPCTIVE VIEW + LIGHTING STUDY
- A 9.2 - SITE PHOTOS - EXISTING CONDITIONS
- E 5.1 - LICHTINC FIXTURES & ELECTRICAL DETAILS
- S 5.1 - STRUCTURAL CALCULATIONS & FLAG DETAILS

KEY PLAN:



GENERAL NOTES:

1. CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH ALL LOCAL AND NATIONAL CODES.
2. AFTER INSTALLATION AND IMMEDIATELY PRIOR TO FIXTURE FOCUS, ALL LICHTING FIXTURES AND CONTROL EQUIPMENT, INCLUDING REFLECTORS, TRIMS, ACCESSORIES AND OPTICAL ACCESSORIES SHALL BE CLEAN, DUST FREE, UNDAMAGED AND UNBLEMISHED.
3. CONTRACTOR IS REQUIRED TO MAKE FIELD MEASUREMENTS BASED ON ACTUAL SITE CONDITIONS TO INSTALL SYSTEMS PER DRAWINGS AND SPECIFICATIONS.
4. CONTRACTOR TO PROVIDE ALL MOUNTING HARDWARE AND TRANSFORMERS OR BALLASTS WHERE REQUIRED, TO ENSURE A COMPLETE A WORKING SYSTEM.
5. ALL EXTERIOR ELECTRICAL EQUIPMENT, LUMINAIRES AND MOUNTINC HARDWARE SHALL BE RATED FOR DAMP OR WET LOCATIONS AS APPROPRIATE FOR THE LOCATION OF INSTALLATION.
6. CONTRACTOR TO VERIFY THAT LUMINAIRE HOUSING AND MOUNTING HARDWARE IS COMPATIBLE WITH SPECIFIED CONSTRUCTION CONDITIONS.
7. ALL REMOTE TRANSFORMERS, DRIVERS, BALLASTS, POWER SUPPLIES, AND 0-10 V INTERFACES ARE TO BE LOCATED AS PER THE MANUFACTURER'S RECOMMENDATIONS. THESE DEVICES ARE TO BE HIDDEN FROM VIEW IN AN ACCESSIBLE LOCATION THAT IS WELL VENTILATED AND AS REQUIRED BY THE MANUFACTURER.
8. LICHTING CONTROL SYSTEMS USING 0-10V CONTROL WILL REQUIRE LOW VOLTAGE CONTROL WIRING IN ADDITION TO HIGH VOLTAGE POWER WIRING.
9. CONTRACTOR SHALL INCLUDE AND COORDINATE FACTORY COMMISSIONINC FOR THE DIMMING SYSTEM PRIOR TO LICHTINC DESIGN AIM AND FOCUS.
10. CONTRACTOR SHALL PROPERLY TEST AND VERIFY ALL CIRCUITRY, DIMMING AND CONTROL PRIOR TO COMMISSIONING AND FOCUS PHASE.
- II. THIS DRAWING SET IS THE PROPERTY OF THE NORTH BEACH BUSINESS ASSOCIATION AND IS NOT TO BE REPRODUCED IN WHOLE OR PART. THIS DRAWINC SET IS INTENDED TO BE USED FOR THE "REGIONS OF ITALY" PROJECT AND SITE SPECIFICALLY IDENTIFIED HERE.



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REGIONS OF ITALY

FLAG & LICHTINC UPGRADES
JASPER PLACE: 550' / 548 GREEN STREET
SAN FRANCISCO, CA
11/08/24

COVER SHEET

CENERAL

PREPARED FOR:
North Beach Business Association
Attn: Mike Zwiefelhofer, President
PO Box 330187
San Francisco, CA 94133

DRAWN BY:
Mark Bonsignore

CHECKED BY:
Engineering -
Nicholas Aitken, PE C 86839

Electrical -
Brad Solinsky, CA C10 Contractor
Lic. #1032243

Architectural Lighting Design -
Neha Sivaprasad, IALD, LC

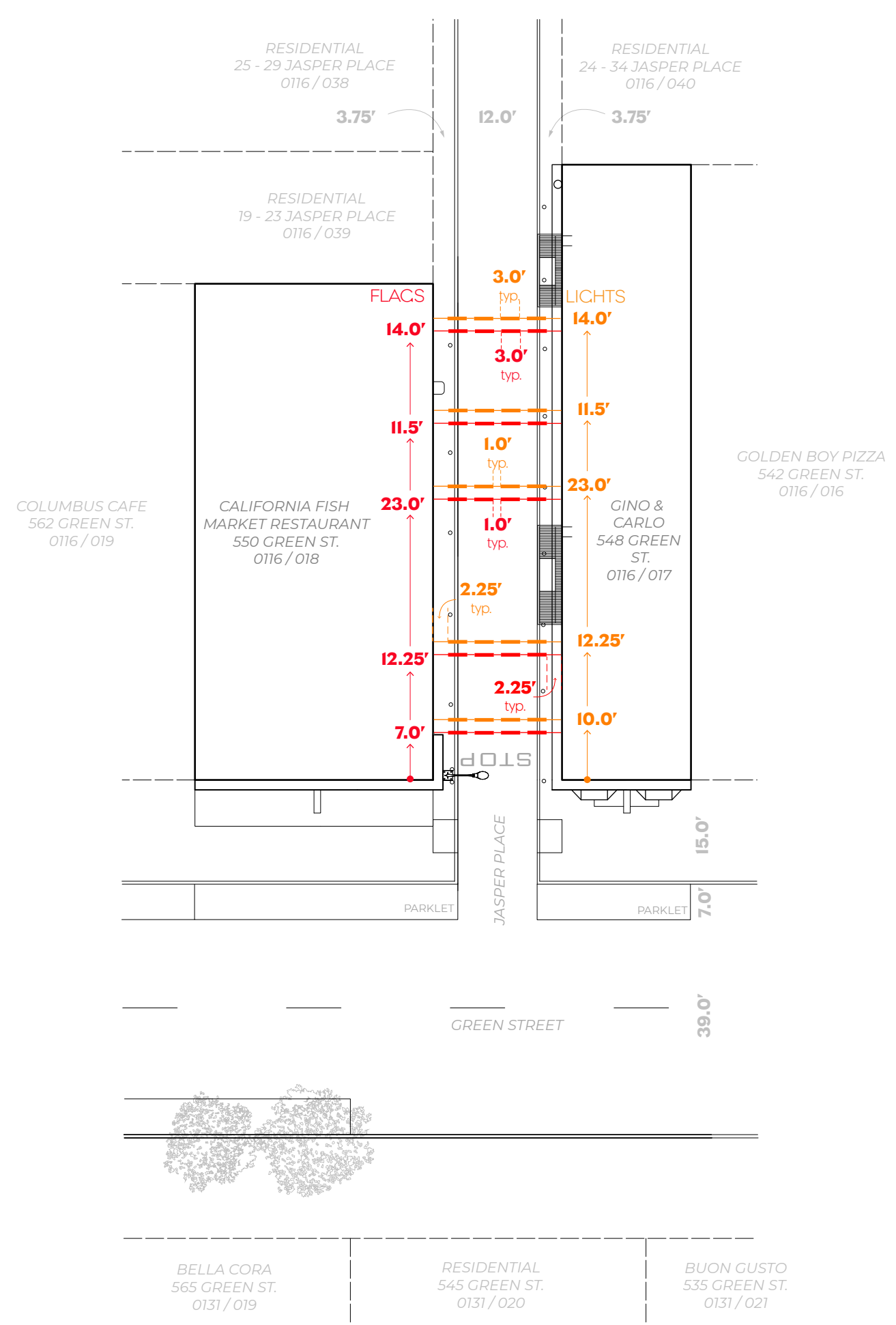
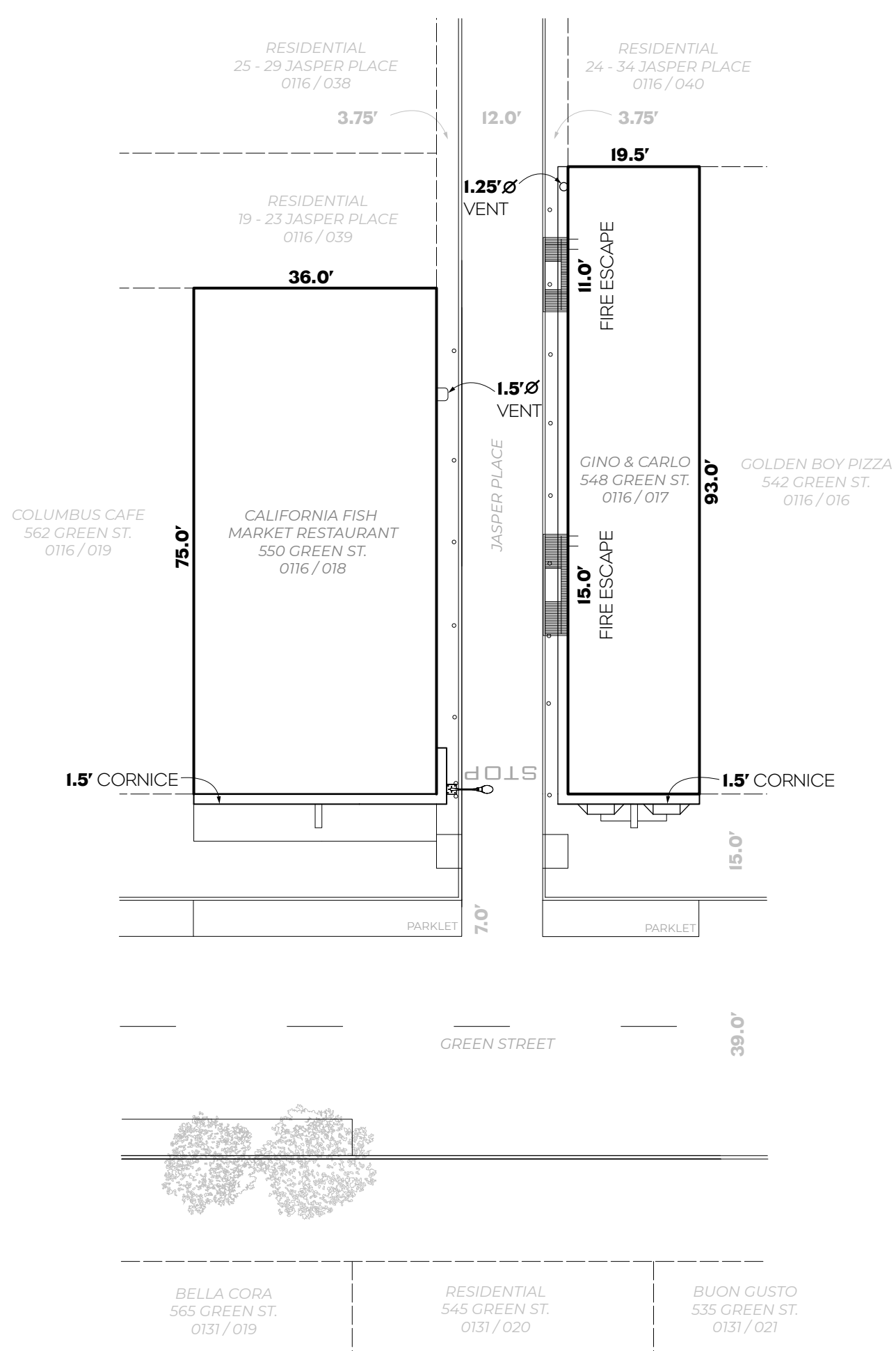
REVISIONS:

SCALE:

NTS

SHEET No.

G 0.1



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REGIONS OF ITALY

JASPER PLACE: 550 / 548 GREEN STREET

SITE PLAN

EXISTING + PROPOSED CONDITIONS

PREPARED FOR:
North Beach Business Association
Attn: Mike Zwiefelhofer, President
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San Francisco, CA 94133

DRAWN BY:
Mark Bonsignore

CHECKED BY:
Engineering -
Nicholas Aitken, PE C 86839

Electrical -
Brad Solinsky, CA CIO Contractor
Lic. #1032243

Architectural Lighting Design -
Neha Sivaprasad, IALD, LC

REVISIONS:

SCALE:

= 20'-00"

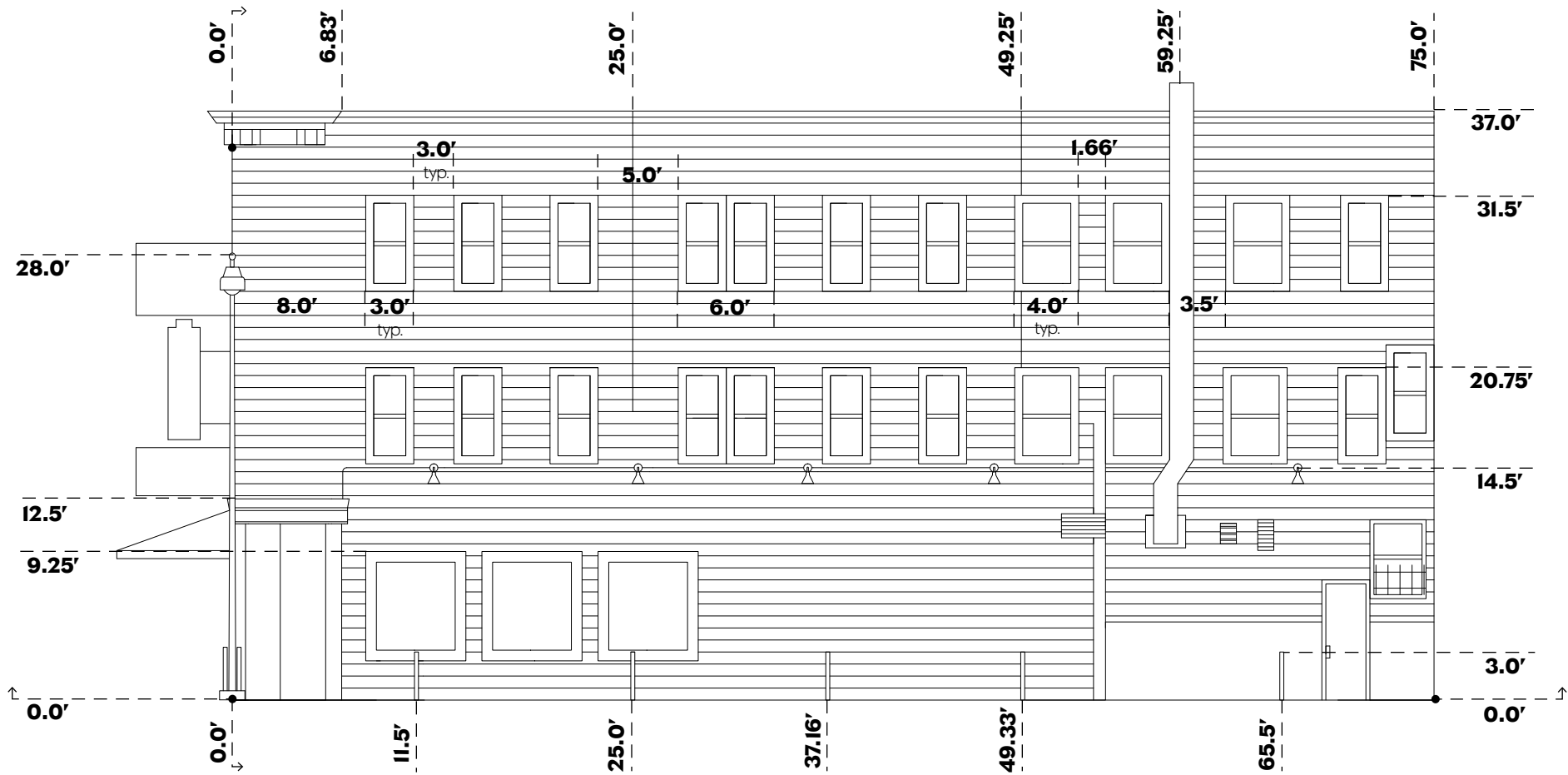
11" x 17" plot

ORTH:

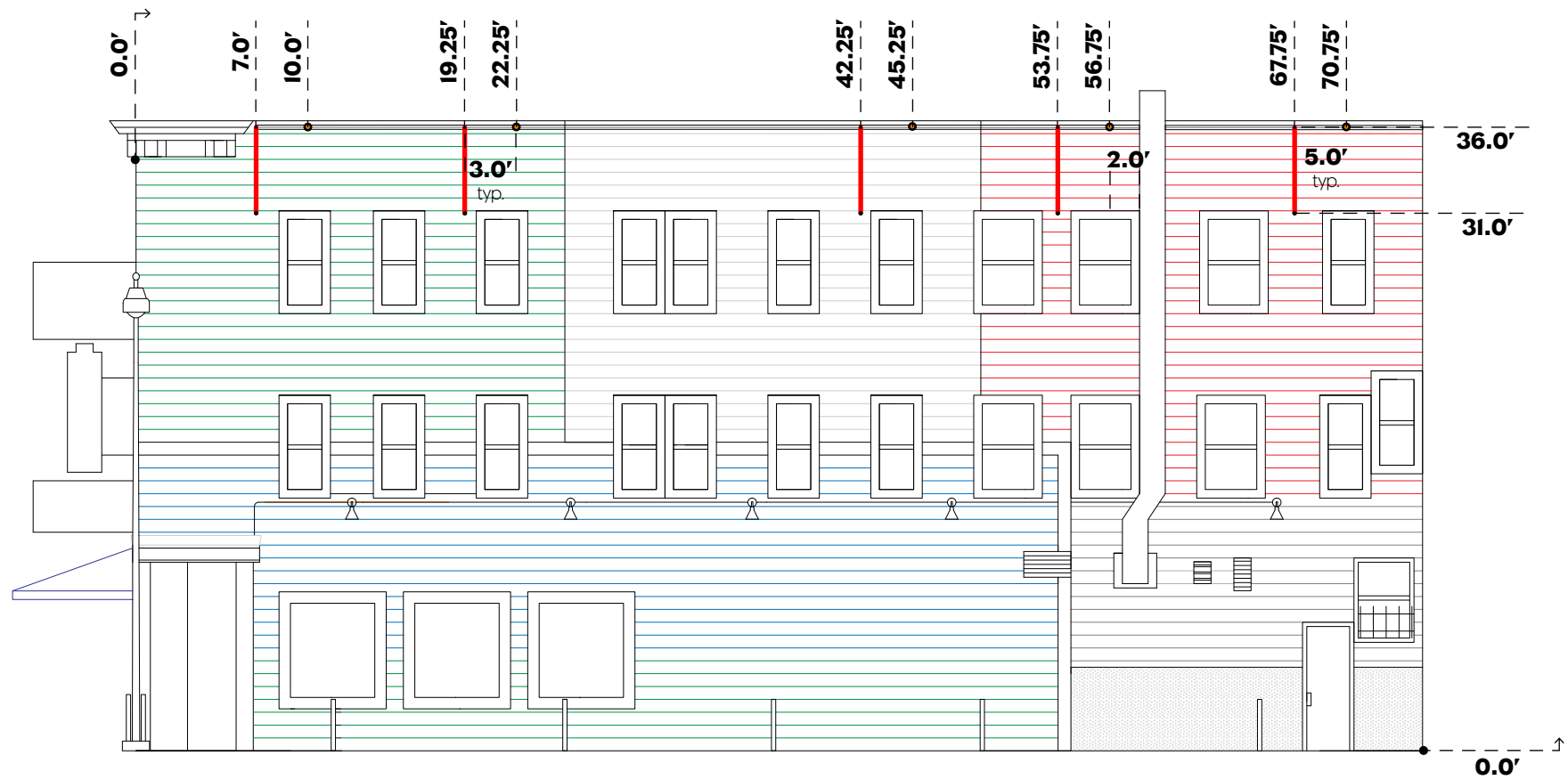


SHEET No.

A 1.1



A EXISTING ELEVATION



B PROPOSED ELEVATION



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REGIONS OF ITALY

FLAC & LUCHTINC: UPGRADES
JASPER PLACE: 550 / 548 GREEN STREET
SAN FRANCISCO, CA

1/08/24

550 GREEN - ELEVATION

EXISTING + PROPOSED CONDITIONS

PREPARED FOR:
North Beach Business Association
Attn: Mike Zweifelhofer, President
PO Box 330187
San Francisco, CA 94133

DRAWN BY:
Mark Bonsignore

CHECKED BY:
Engineering -
Nicholas Aitken, PE C 86839

Electrical -
Brad Solinsky, CA CIO Contractor
Lic. #1032243

Architectural Lighting Design -
Neha Sivaprasad, IALD, LC

REVISIONS:

SCALE:

1" = 10'-00"

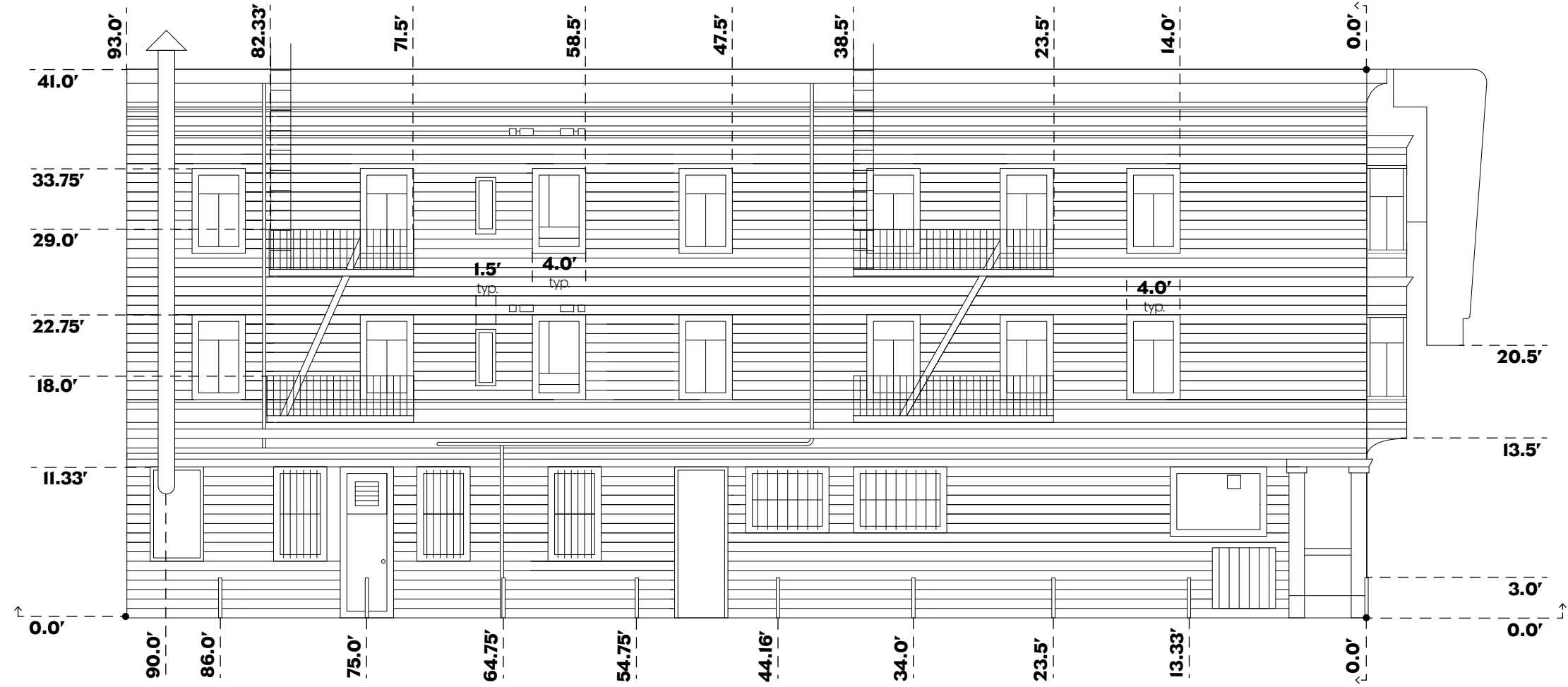
@ 1/8" x 11" plot

NORTH:



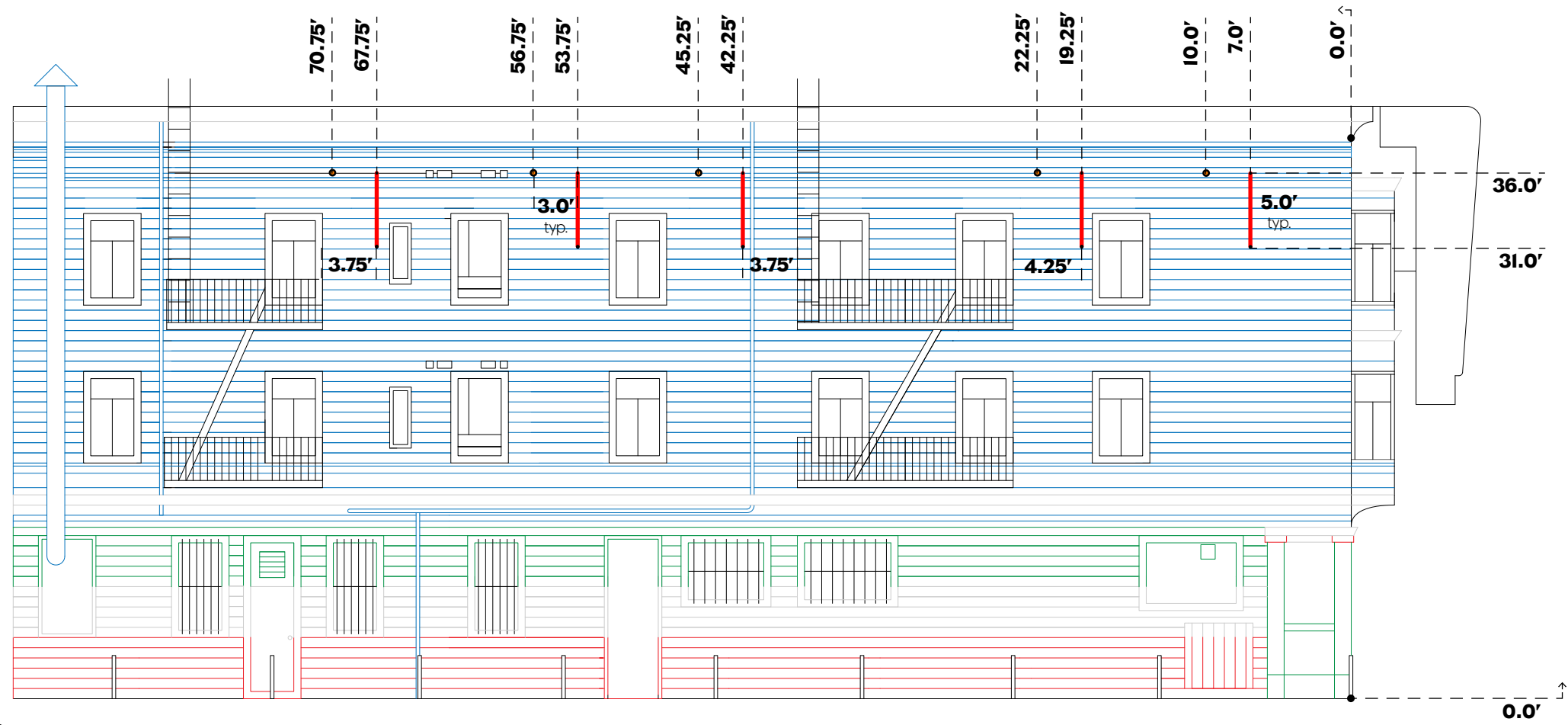
SHEET No.

A 2.1



A

EXISTING ELEVATION



B

PROPOSED ELEVATION

PREPARED FOR:
North Beach Business Association
Attn: Mike Zwiefelhofer, President
PO Box 330187
San Francisco, CA 94133

DRAWN BY:
Mark Bonsignore

CHECKED BY:
Engineering -
Nicholas Aitken, PE C 86839

Electrical -
Brad Solinsky, CA CIO Contractor
Lic. #032243

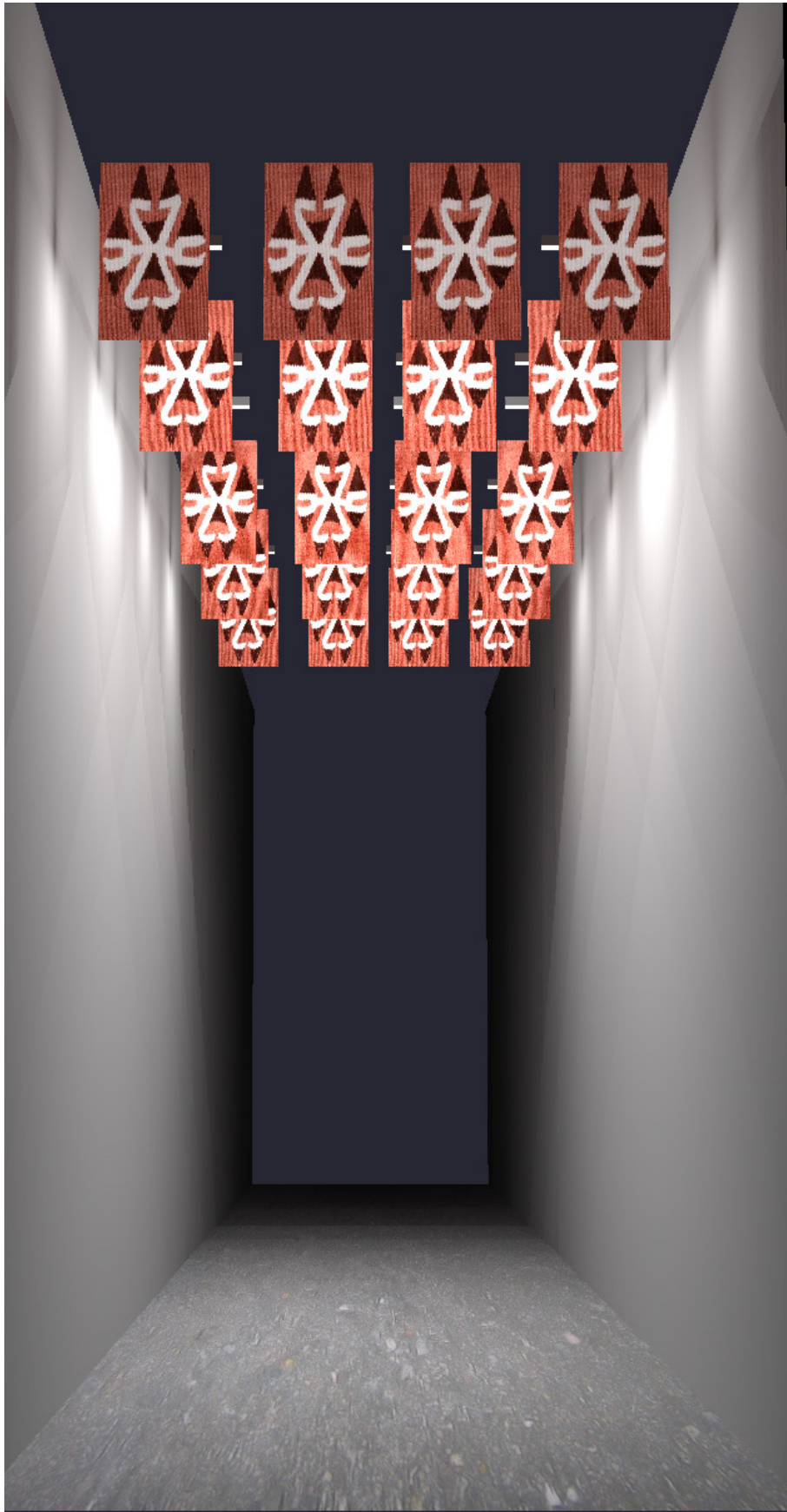
Architectural Lighting Design -
Neha Sivaprasad, IALD, LC

REVISIONS:

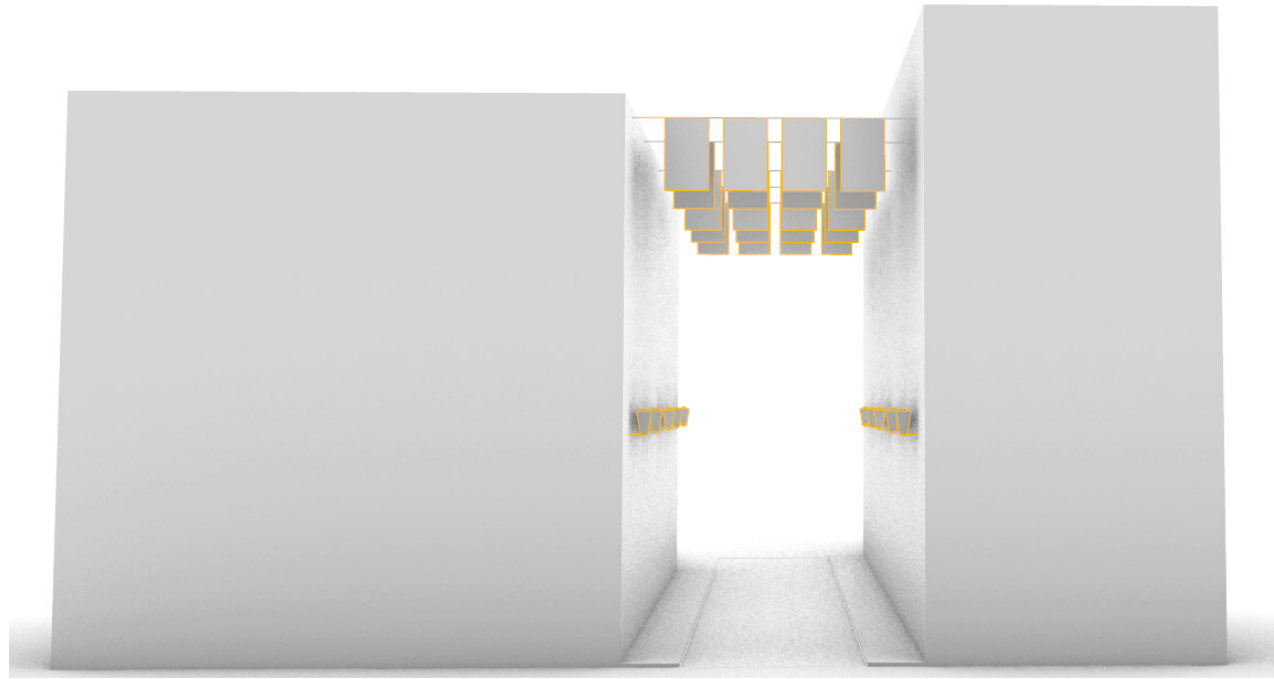
SCALE:
1" = 10'-00"
@ 1/8" x 1/8" plot.



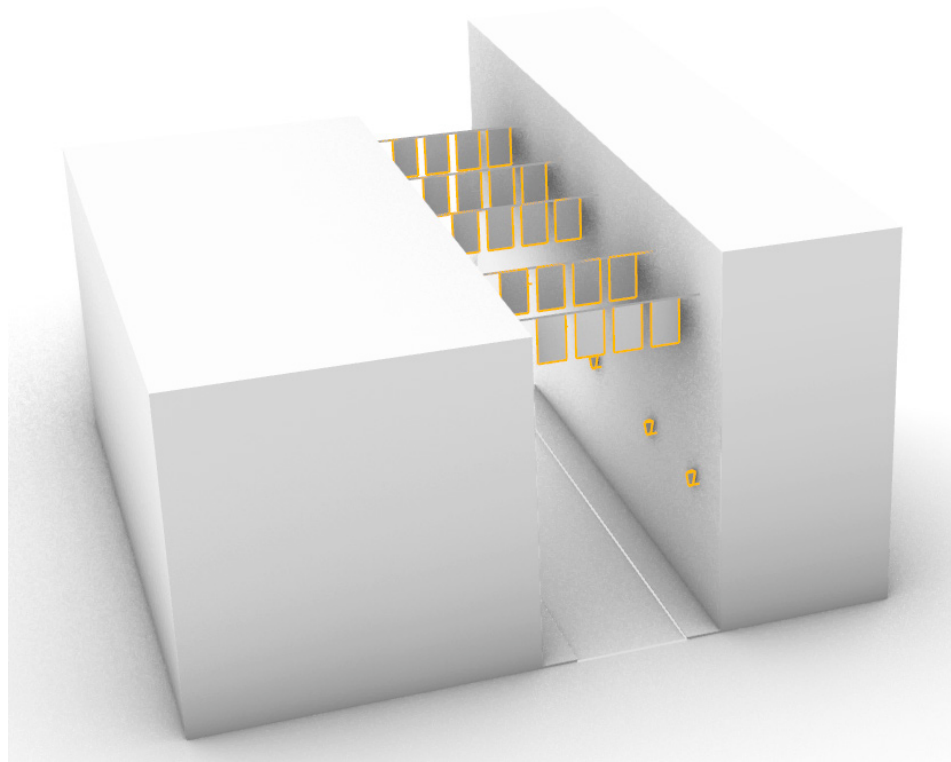
SHEET No.



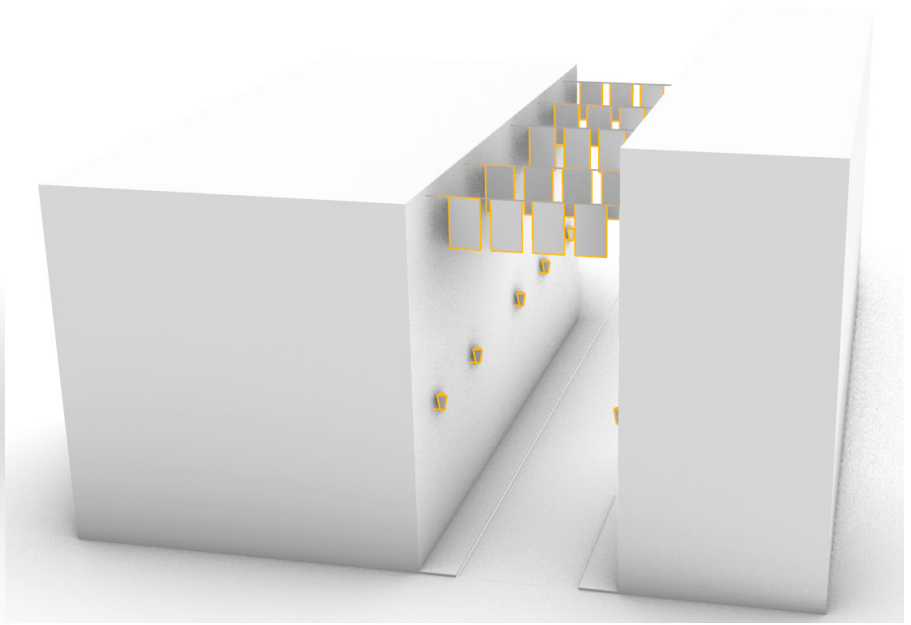
A PROPOSED LIGHTING STUDY - LOOKING NORTH



B PROPOSED MODEL RENDERING - LOOKING NORTH



C PROPOSED MODEL RENDERING - LOOKING NORTHEAST



D PROPOSED MODEL RENDERING - LOOKING NORTHWEST



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REGIONS OF ITALY

FLAC & LICHTING UPGRADES
JASPER PLACE 550 / 548 GREEN STREET
SAN FRANCISCO, CA

11/08/24

SCHEMATIC DESIGN

PERSPECTIVE VIEWS & LIGHTING STUDY

PREPARED FOR:
North Beach Business Association
Attn: Mike Zwiefelhofer, President
PO Box 330187
San Francisco, CA 94133

DRAWN BY:
Mark Bonsignore

CHECKED BY:
Engineering -
Nicholas Aitken, PE C 86839

Electrical -
Brad Solinsky, CA CIO Contractor
Lic. #1032243

Architectural Lighting Design -
Neha Sivaprasad, IALD, LC

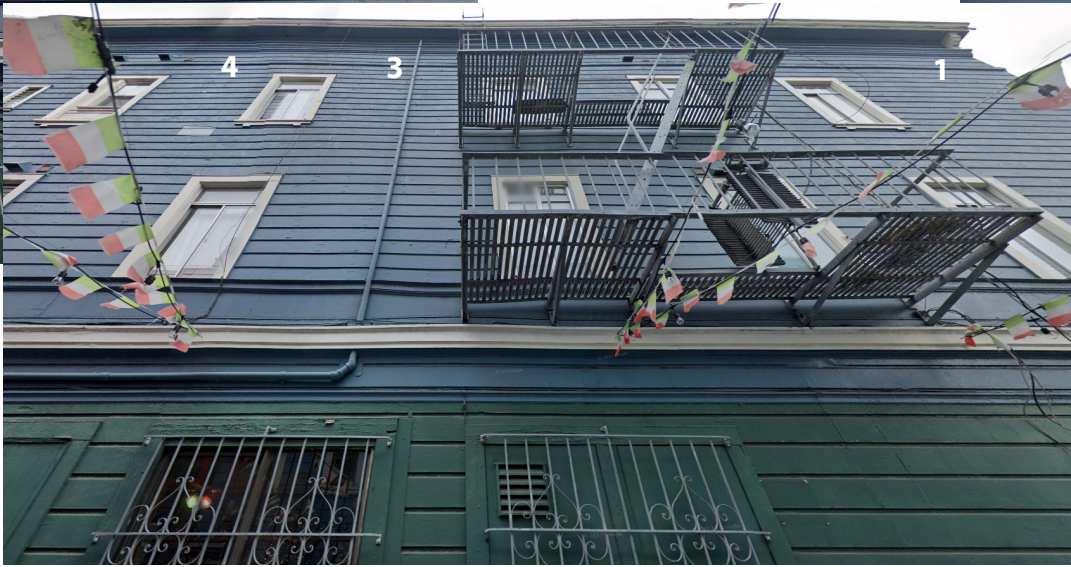
REVISIONS:

SCALE:
NTS

NORTH:
▲

SHEET No.

A 9.1



= PROPOSED ANCHOR PLACEMENT STARTING FROM GREEN STREET NORTH DOWN JASPER PLACE

A 548 GREEN STREET - EXISTING WESTERN FACADE



= PROPOSED ANCHOR PLACEMENT STARTING FROM GREEN STREET NORTH DOWN JASPER PLACE

B 550 GREEN STREET - EXISTING EASTERN FACADE



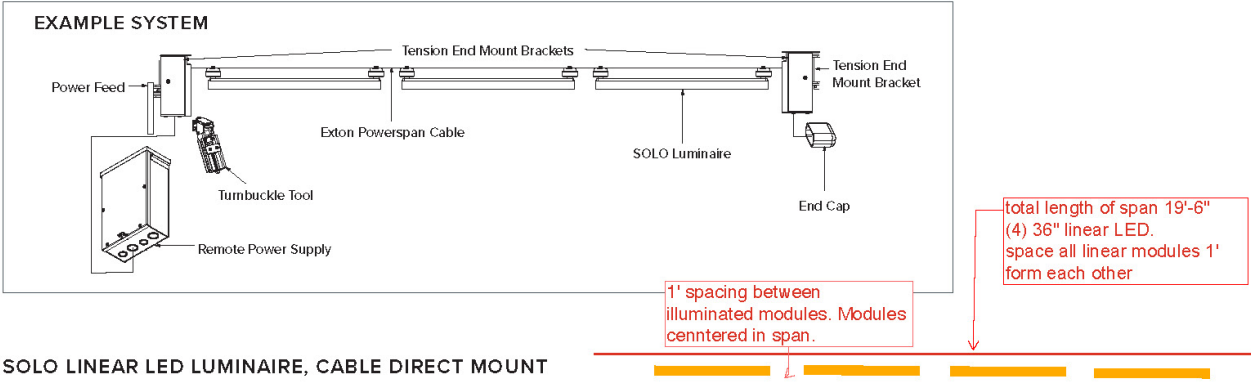
C JASPER PLACE - LOOKING NORTH



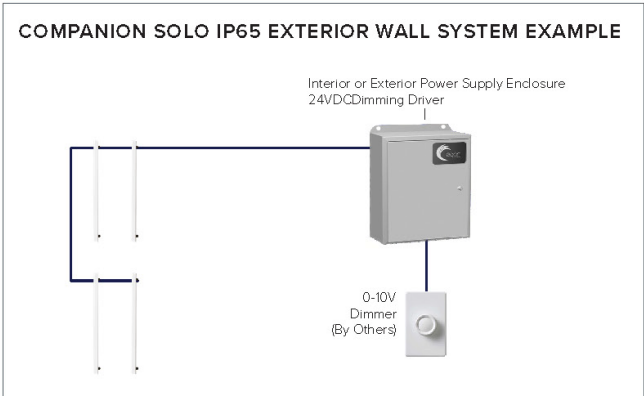
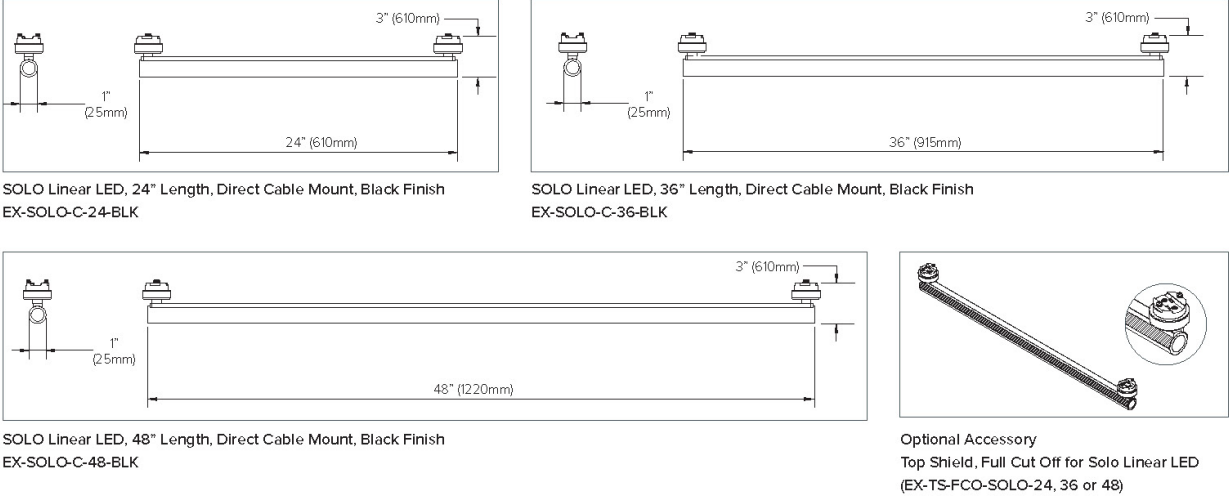
D JASPER PLACE - LOOKING SOUTH



A TEGAN EXTON SOLO LINEAR LED, 36" DIRECT CABLE MOUNT



SOLO LINEAR LED LUMINAIRE, CABLE DIRECT MOUNT



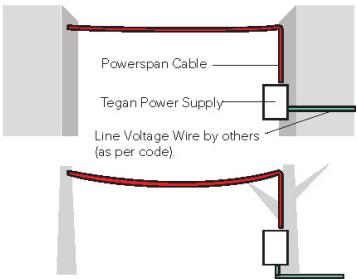
NOTES:

FOR A COMPLETE TEACAN EXTON LIGHTING SYSTEM MANUAL FOR THE INSTALLATION AND LAYOUT SPANNING ACROSS JASPER PLACE, PLEASE SEE "TECAN EXTON SYSTEM SPECS" PROVIDED BY NEHA SIVAPRASAD, IALD, WITHIN THE PROJECT'S SUPPORTING DOCUMENTS.

THIS DOCUMENT INCLUDES:

- QUOTE REQUEST
- POWERSPAN CABLE SYSTEM
- MATERIAL INFORMATION
- POWER SUPPLY + DIMMING
- INSTALLATION

Exterior Power Supply with Direct Hookup



Tegan's IP66 Power Supply may be mounted on outside of building, tree, or pole, with Exton Powerspan Cable directly running into it with waterproof fitting (by others).

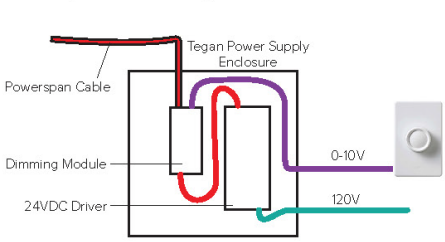
Line Voltage (green) enters through building, or through external conduit, or through underground feeder cable, by others.

The Power Supply outputs 24VDC (red). Each EX5 module draws 7W, or .3A.



Keep distance from Power Supply to last fixture less than 150'. Exceeding this distance can result in malfunctioning (dark or flickering) Exton modules.

Optional Dimming - Controls

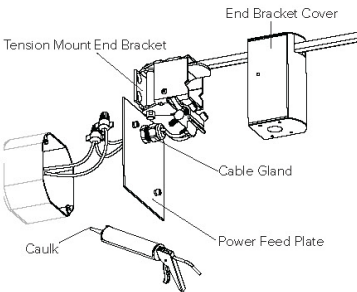


Tegan's Power Supplies consist of an enclosure with a 24VDC driver and an optional Dimmer Module. Wire into the output of a dedicated Exton 24VDC driver provided by Tegan Lighting (only).

Loading and Operation Guidelines:

It's important not to exceed these guidelines in order to prevent damage to the Power Supply or cause problems with performance:

- Load power supplies at 80% of their maximum nominal output.
- Do not exceed 150 feet between last EX5 module (i.e. the module farthest away from the Power Supply) and the Power Supply.
- Do not group EX5 modules near the end of a long run; on a 150 foot span, keep the average distance from EX5s to Power Supply about 75 feet.
- The length of the Powerspan Cable, and any intermediate remote wiring, must be counted together (i.e. with a 100' span, and 50' of building wire between the start of the span and the powersupply, one would be at the maximum 150' distance.
- Do not operate in environments above 40C/104F ambient air temperature.
- Do not operate where the sun's radiation causes any metal surface to be greater than 40C/104F.
- Do not operate below 0C/-32F.
- The Polarity of the drivers output to the Exton Powerspan Cable does not matter.

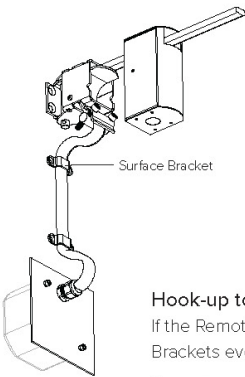


Hookup to Adjacent Remote Power Feed

The Power Feed may be placed so the wire gland which seals around the conductors is under the Cover of the Tension Mount End Bracket. In this case, the conductors are passed through and then connected to the building wires coming from the Tegan Lighting Exton Power Supply. Note that the Power Feed can not be used as an end feed; it is not structural.

Be sure to caulk behind the Power Feed Plate, as well as behind the screws.

Polarity does not matter.



Hook-up to Remote Power Feed

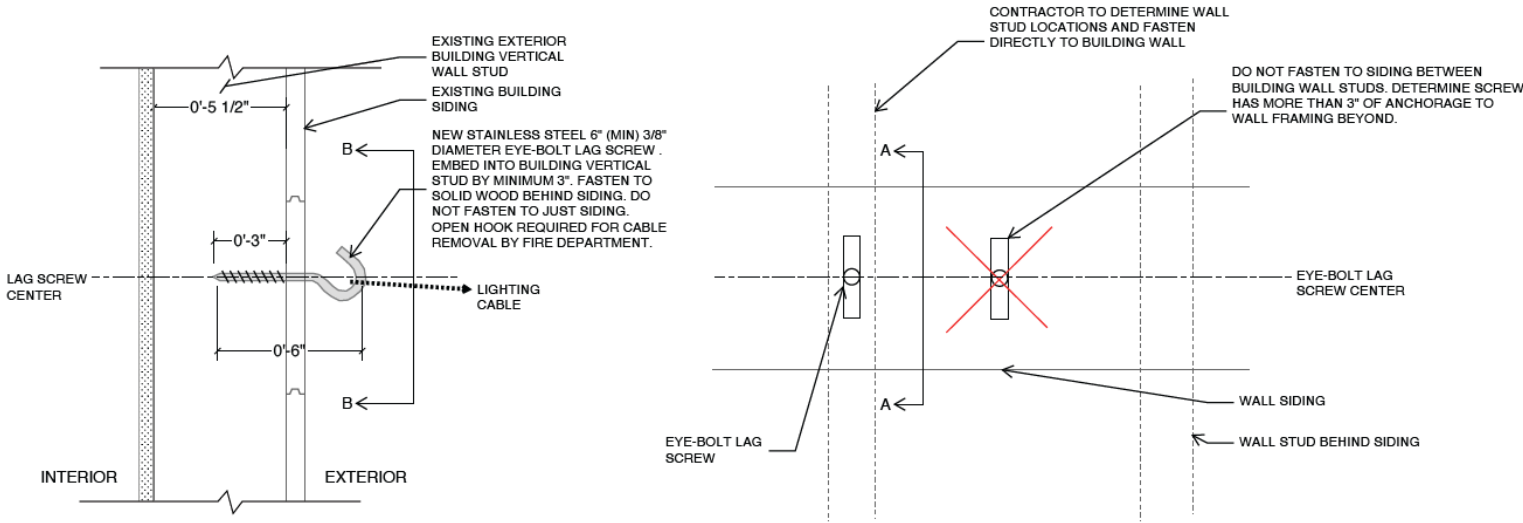
If the Remote Powerfeed is farther away, use Surface Brackets every 12" and within 2" of the start and end.

Exton Powerspan Cable and LED Module connections should not be made below the outdoor ambient temperature of 50F/10C.

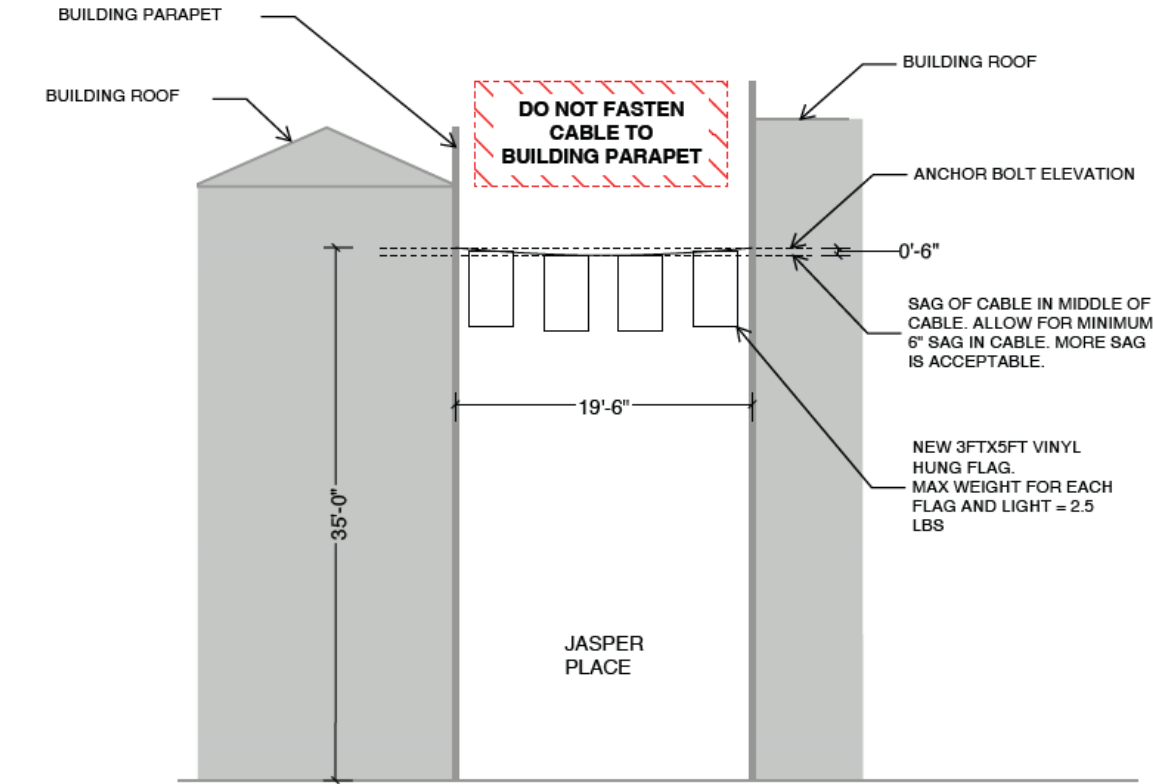
NOTES:

(REF. DETAIL A & B); FOR COMPLETE STRUCTURAL CALCULATIONS FOR THE ANCHORAGE LOADS AND DESIGN CAPACITY FOR A CABLE SUPPORTING (4) 3'-00" x 5'-00" FLACS SUSPENDED FROM A CABLE SPANNING JASPER PLACE, PLEASE SEE "JASPER PLACE CABLE ANCHORAGE CALCULATIONS" BY NICK AITKEN, PE, WITHIN THE PROJECT'S SUPPORTING DOCUMENTS.

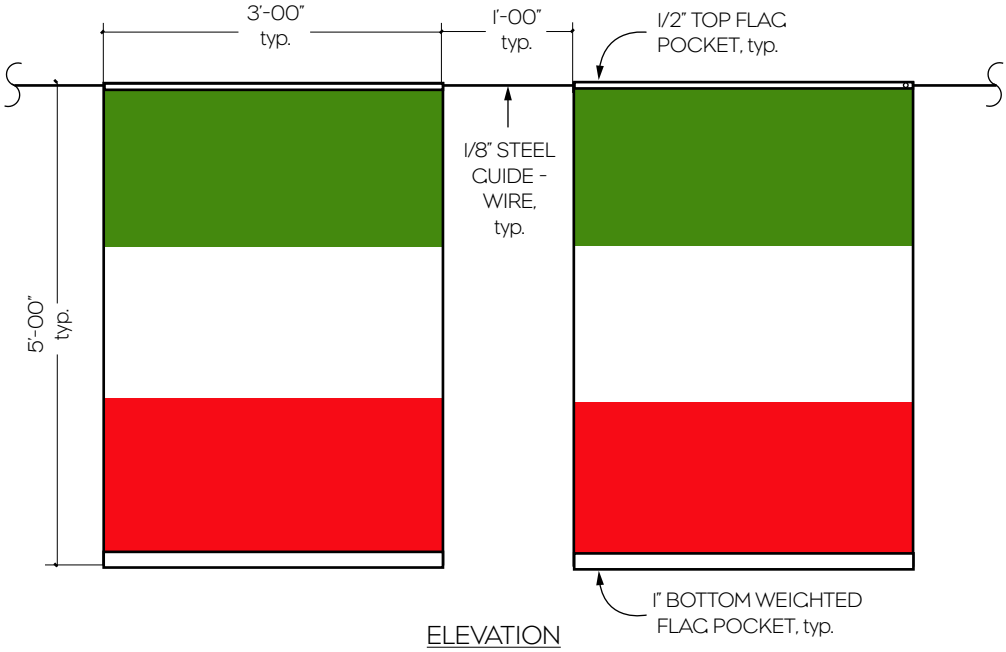
- THIS DOCUMENT INCLUDES:
- WIND DITE DATA
 - CABLE INPUT
 - FLAC INPUTS
 - FLAC WIND LOADS
 - STRING LIGHT CABLE TENSION
 - WOOD SCREW ANCHORAGE CHECK



A ANCHOR TO TIMBER FRAMED WALL STRUCTURAL ANALYSIS

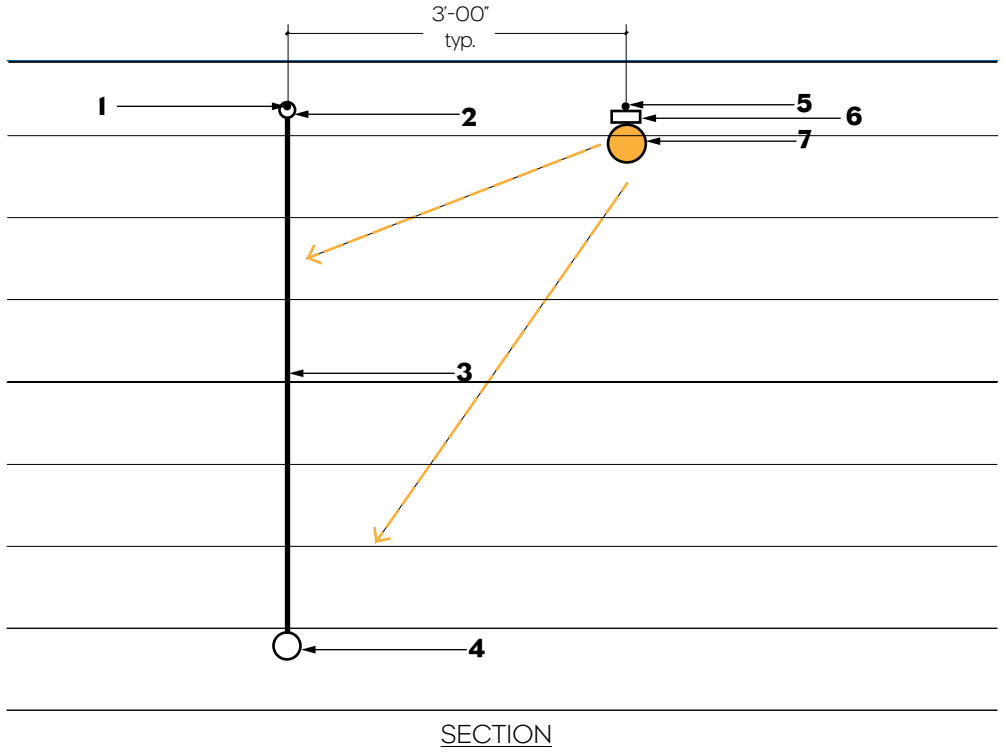


B ROAD CROSS SECTION STRUCTURAL ANALYSIS



MANUFACTURER: A3 VISUAL
MATERIAL: VINYL (Double-Sided)
WEIGHT: 7 oz.
FEATURES:

- WATER REPELLANT
- FLAME-RETARDANT
- OUTDOOR-USE
- ELASTICITY



- SECTION**
- 1) 1/8" STEEL CUIDEWIRE
2) 1/2" TOP FLAG POCKET
3) 3'-00" x 5'-00" FLAC
4) 1" BOTTOM WEIGHTED FLAG POCKET
5) EXTON POERSPAN CABLE W/ STEEL CUIDEWIRE
6) TOP SHIELD FULL CUT OFF
7) TECAN EXTON SOLO LINEAR LED 36" DIRECT CABLE MOUNT

C PROPOSED FLAG DETAIL

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REGIONS OF ITALY
FLAC & LIGHTING: UPGRADES
JASPER PLACE: 550 / 548 GREEN STREET
SAN FRANCISCO, CA
11/08/24

STRUCTURAL
CALCULATIONS & FLAC DETAILS

PREPARED FOR:
North Beach Business Association
Attn: Mike Zwiefelhofer, President
PO Box 330187
San Francisco, CA 94133

DRAWN BY:
Mark Bonsignore

CHECKED BY:
Engineering -
Nicholas Aitken, PE C 86839

Electrical -
Brad Solinsky, CA CIO Contractor
Lic. #1032243

Architectural Lighting Design -
Neha Sivaprasad, IALD, LC

REVISIONS:

SCALE:
NTS

SHEET No.

S 5.1