



9 AND 39 MEDFORD STREET SOMERVILLE, MASSACHUSETTS 02143

DRAWING LIST: PHASE 3

A012 COVER SHEET

ARCHITECTURAL :

- A012 Abbreviations, Symbols, Code Summary and Egress Plans
- D103 Demolition Roof Plan
- A126 Roof Plan
- A136 Roof Deck Reflected Ceiling Plan
- A434 Enlarged Rooftop Plan
- A521 Railing Details

STRUCTURAL:

- S000 General Notes
- S100 Existing Roof Framing Plan
- S200 New Pergola Framing and Details

ELECTRICAL :

- E110 Roof Plan
- E210 Roof Plan
- E400 Electrical Panel Schedules

PROJECT DESCRIPTION

The proposed project consists of renovation of amenity spaces in the Metro 9 building in Somerville, MA. The project work includes:

- Replacement and extension of existing roof decking
- Relocation of green roof system
- New Steel Pergola

BUILDING DATA

- A. APPLICABLE CODES:
 THE MASSACHUSETTS STATE BUILDING CODE 780 CMR - 8th Ed.
 THE MASSACHUSETTS STATE ARCHITECTURAL ACCESS BOARD 521 CMR
 MASSACHUSETTS FUEL, GAS AND PLUMBING CODE 248 CMR
 MASSACHUSETTS BOARD OF ELEVATOR REGULATIONS 524 CMR
 MASSACHUSETTS FIRE PREVENTION REGULATIONS 527 CMR
 NFPA 10 FOR PLACEMENT OF FIRE EXTINGUISHERS
 NFPA 13 FOR FIRE PROTECTION SYSTEMS
 FAIR HOUSING ACT

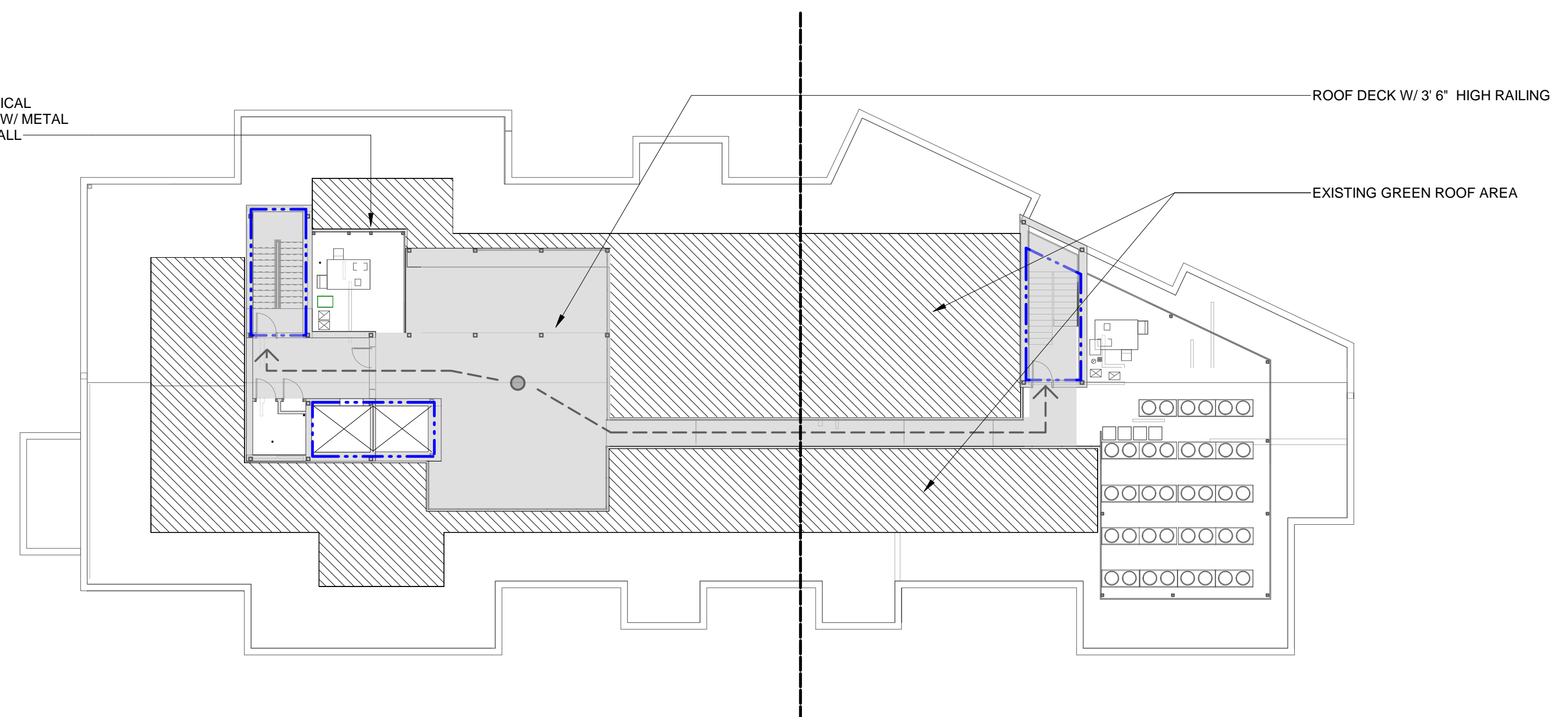
B. USE:

- | | | |
|--|-----|---------------------------|
| 1. Use Group (780 CMR 303,304,310 and 311) | S-2 | Storage (Parking Garage) |
| Basement: | B | Business |
| First Floor: Mixed Use and Occupancy | A-3 | Assembly |
| | R-2 | Residential, Multi-family |
| Second thru Penthouse Level: | R-2 | Residential, Multi-family |
| Roof Level: | A-3 | Assembly |

PROJECT DATA

- | | |
|------------------------|---|
| A. PROJECT NAME | METRO 9 |
| B. LEGAL ADDRESS | 9 AND 39 MEDFORD STREET, SOMERVILLE, MA 02143 |
| C. CLIENT/OWNER | BERKELEY INVESTMENTS, INC. |
| D. ARCHITECT | BH+A |
| E. RENOVATION | ROOF LEVEL |
| F. GROSS BUILDING AREA | 122,847 SF |
| G. NUMBER OF STORIES | 8 STORIES & ROOF DECK |

EXISTING MECHANICAL
EQUIPMENT AREA W/ METAL
PANEL SCREEN WALL



1 Roof Code Plan
1/16" = 1'-0"

ARCHITECT

bh+a

Bargmann Hendrie + Archetype, Inc.
9 Channel Center Street
Boston, MA 02210
617 350-0450 Tel

PROJECT NAME



9 and 39 Medford Street
Somerville, MA 02143

CLIENT

Berkeley Investments

280 Congress Street
Suite 1350
Boston, MA 02110

PROJECT TEAM

Structural Engineer
Goldstein-Milano LLC
125 Main Street
Reading, MA 01867
781 670-9990

MEP Engineer
Allied Consulting Engineering
Services, Inc.
215 Boston Post Rd.
Sudbury, MA 01776
978 443-7888

Interior Designer
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35 Medford Street, Suite 211
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PHASE 3

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Cover Sheet

DRAWING INFORMATION



July 2, 2018
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Permit Set: Phase III
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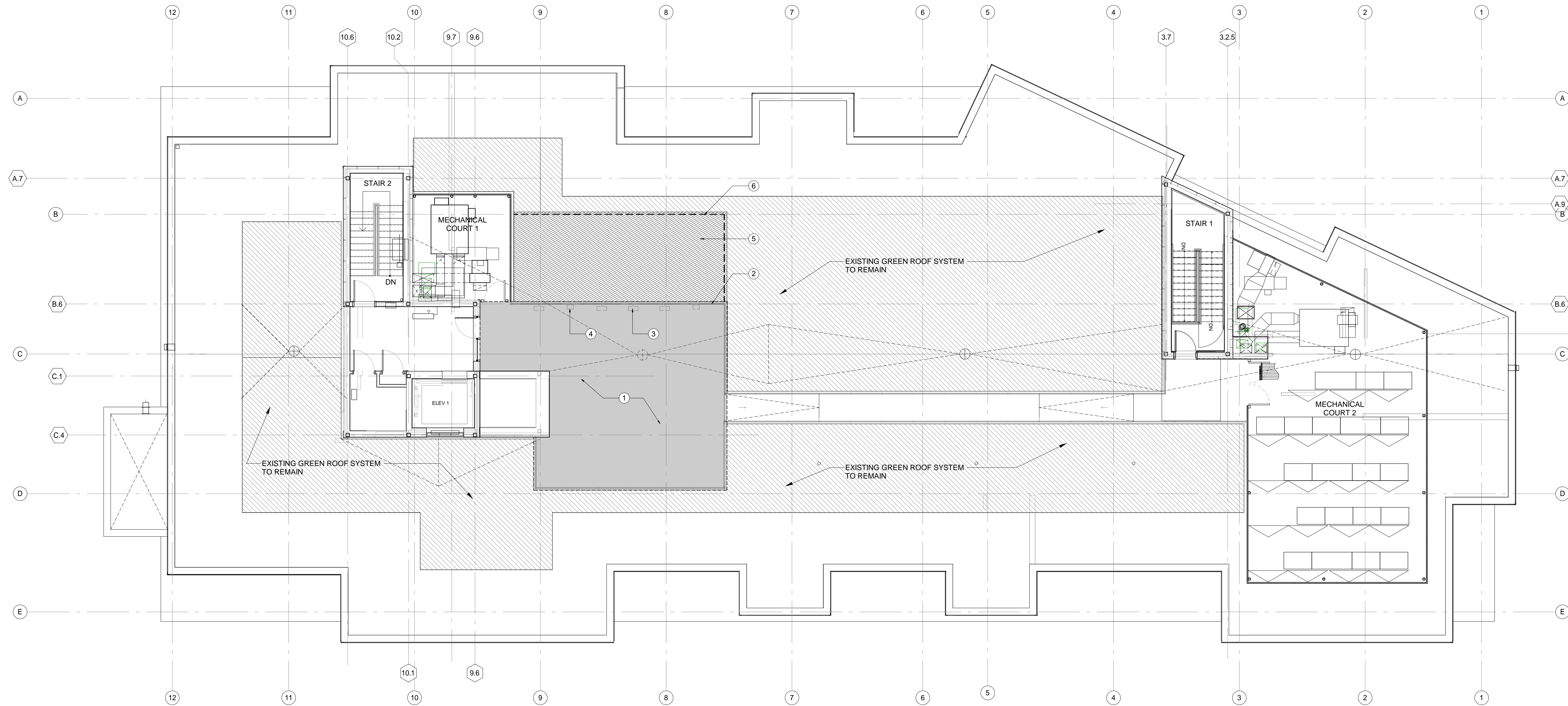
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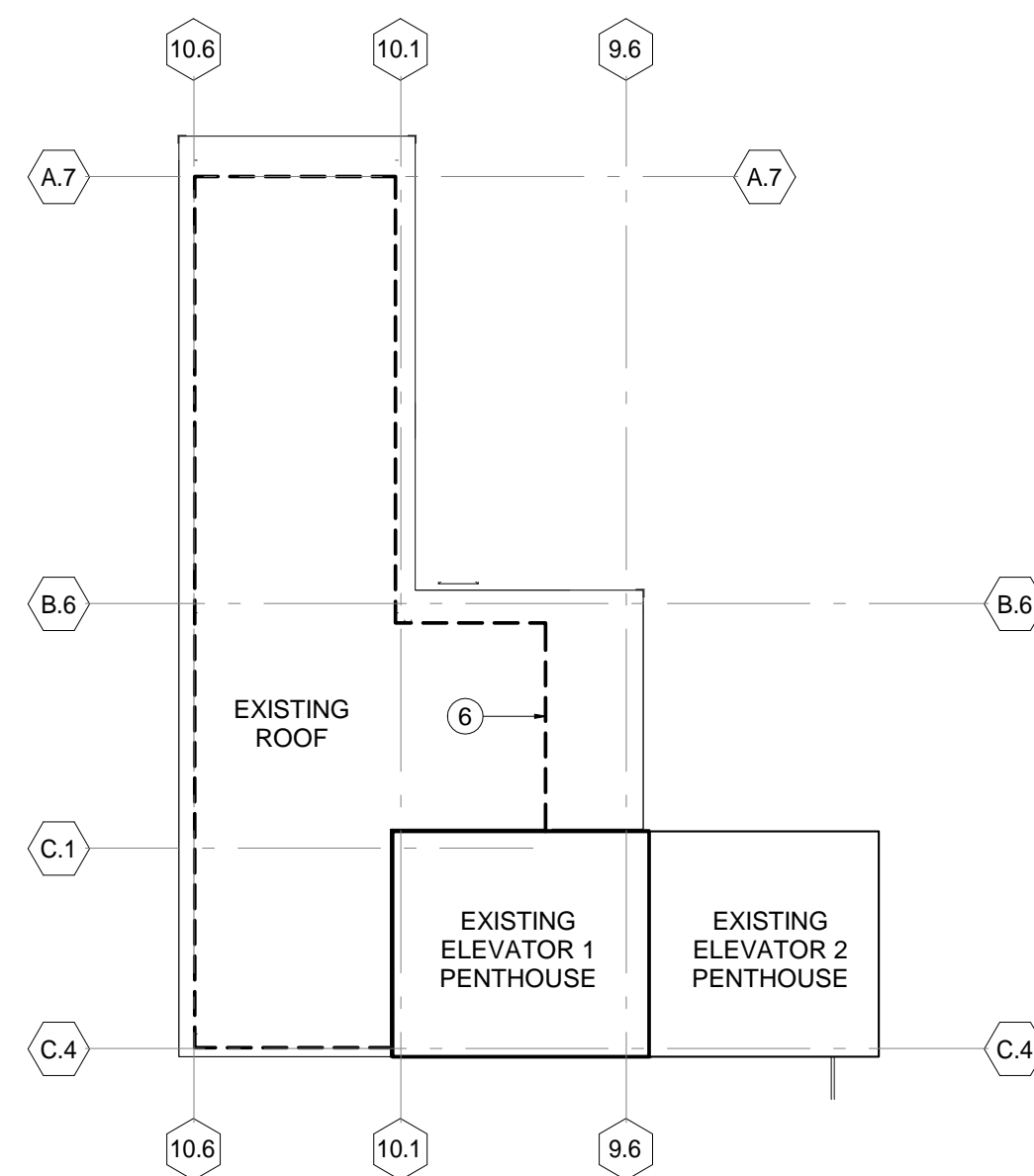


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1/8" = 1'-0"
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1 ROOF DEMOLITION PLAN
1/8" = 1'-0"

1	REMOVE EXISTING ROOF DECK PLANKS. PREPARE AREA TO RECEIVE NEW DECKING
2	EXISTING RAILING TO BE RELOCATED
3	EXISTING SECURITY LIGHTS TO BE RELOCATED
4	EXISTING OUTLET TO BE RELOCATED (TYPICAL)
5	REMOVE EXISTING GREEN ROOF SYSTEM. REMOVE ASSOCIATED SUBSTRATE AND PREPARE AREA FOR NEW WORK
6	CAREFULLY CUT EXISTING ROOF ASSEMBLY DOWN TO ROOF BEAM. PREPARE OPENING TO RECEIVE NEW GUARDRAIL



2 ELEVATOR AND STAIR 2 DEMOLITION ROOF PLAN
1/8" = 1'-0"

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Roof Plan

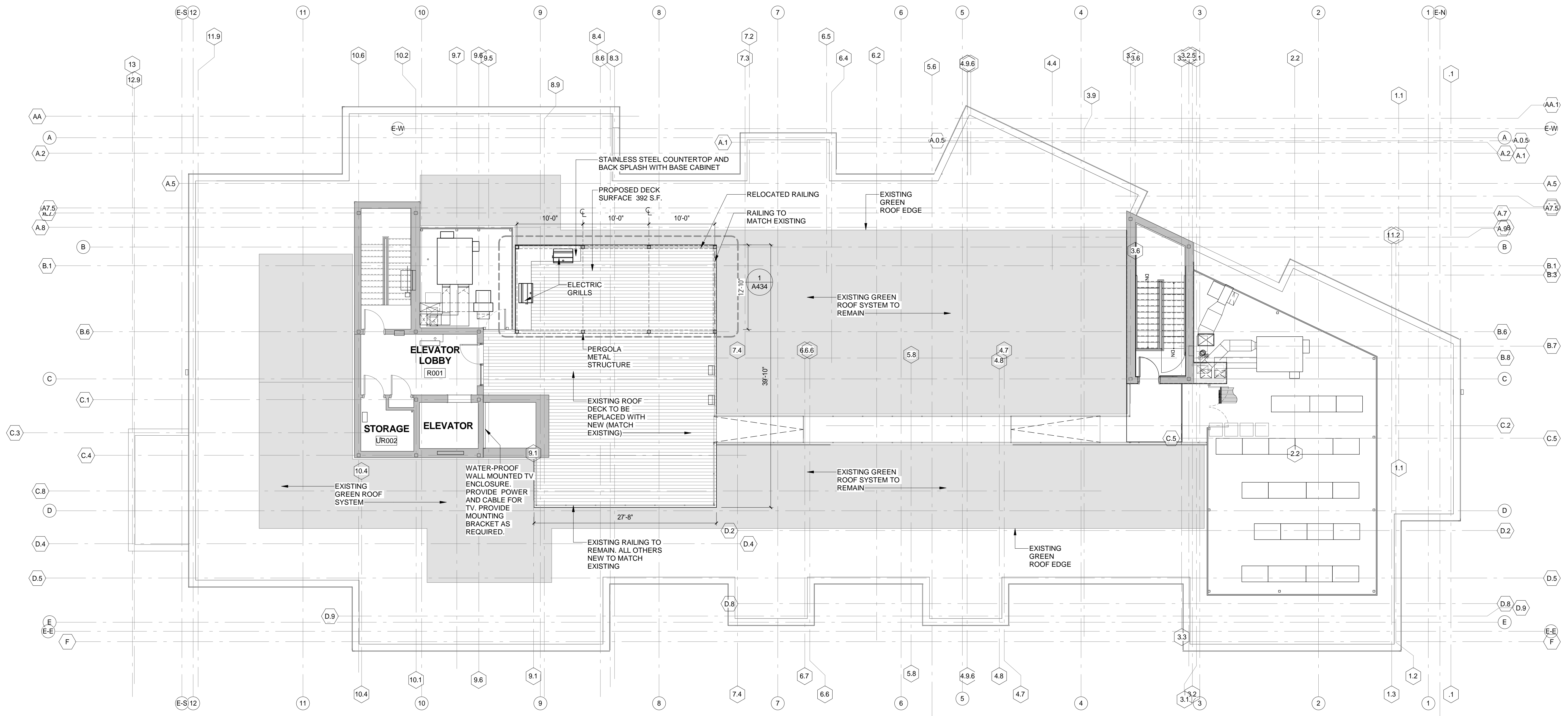
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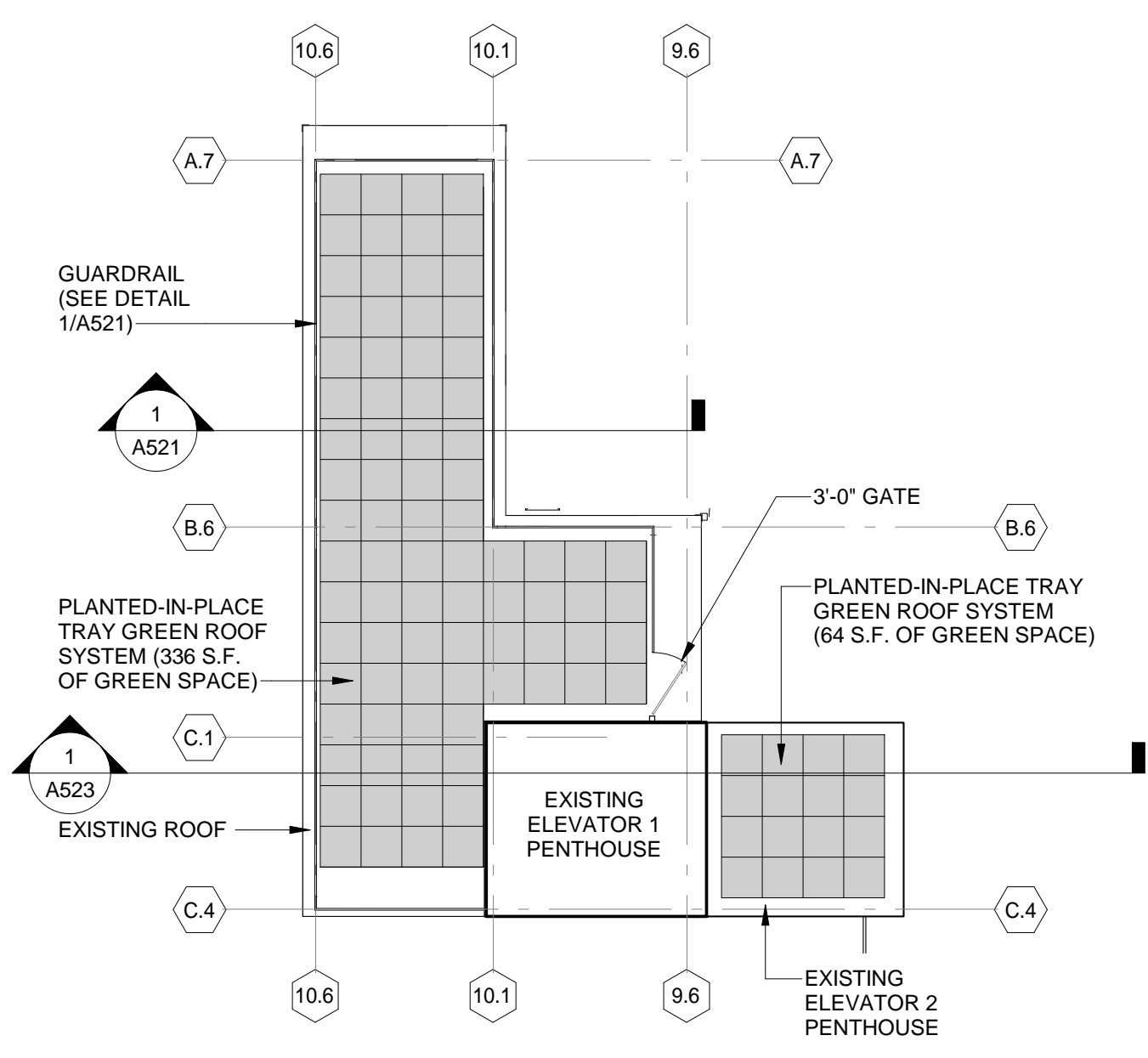
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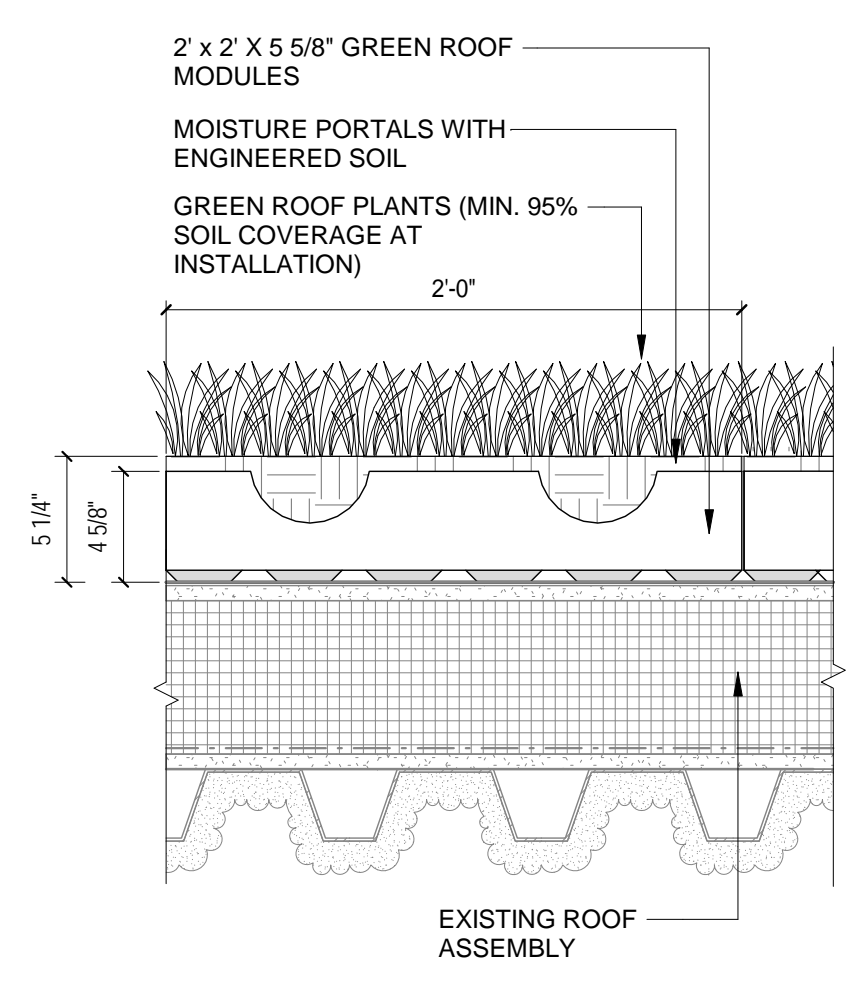
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1 Roof Plan
1/8" = 1'-0"

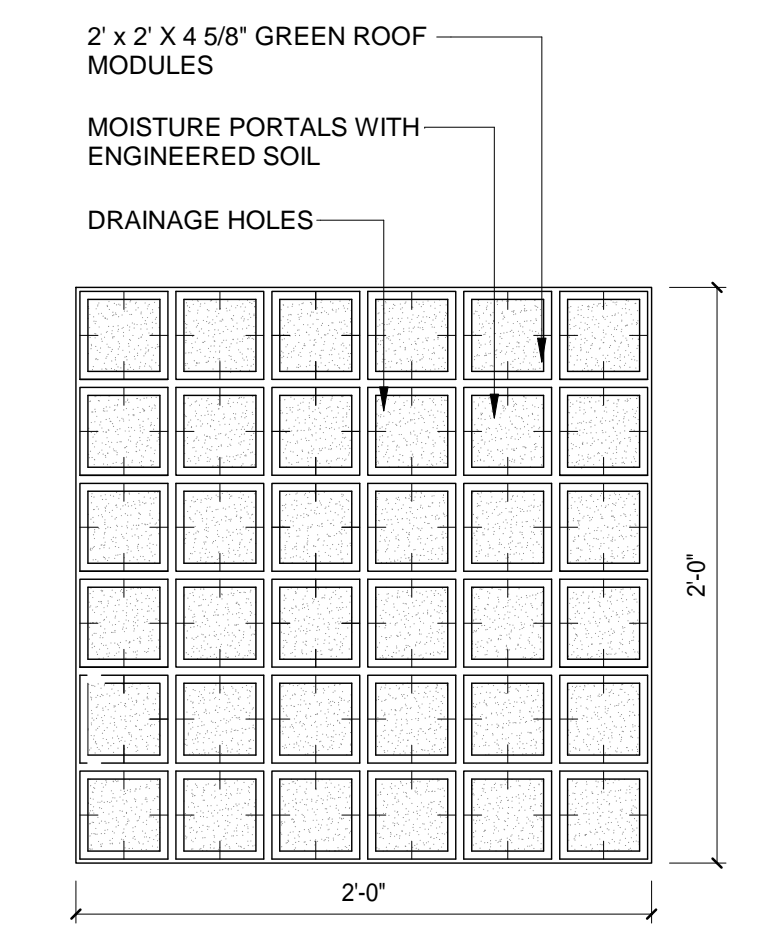


2 ELEVATOR AND STAIR 2 ROOF PLAN
1/8" = 1'-0"

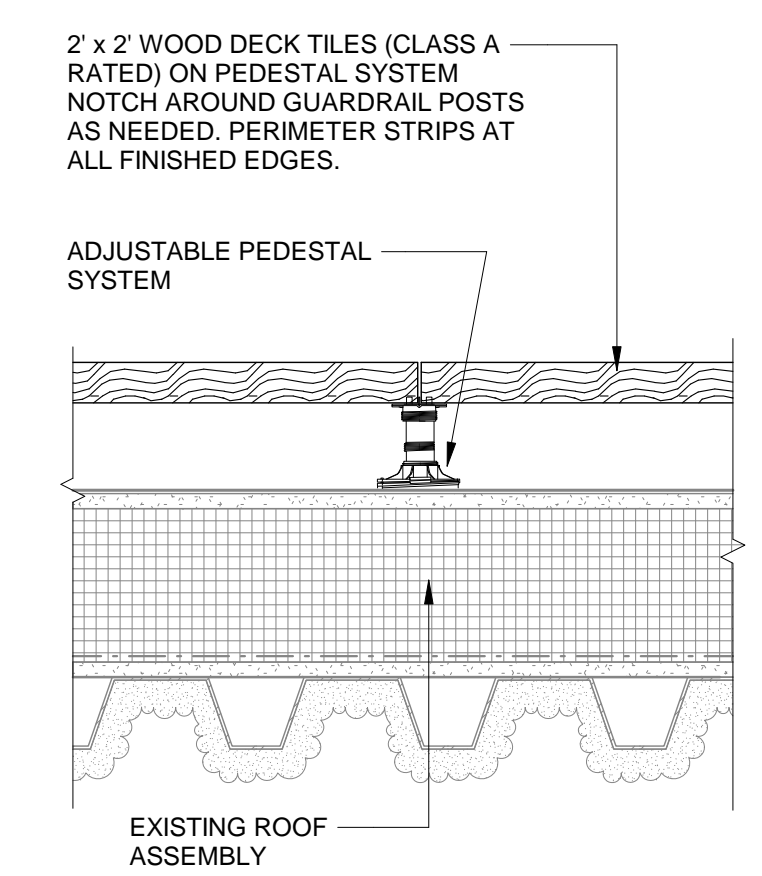


NOTE: GREEN ROOF SATURATED WEIGHT IS 29-34 LB/SF

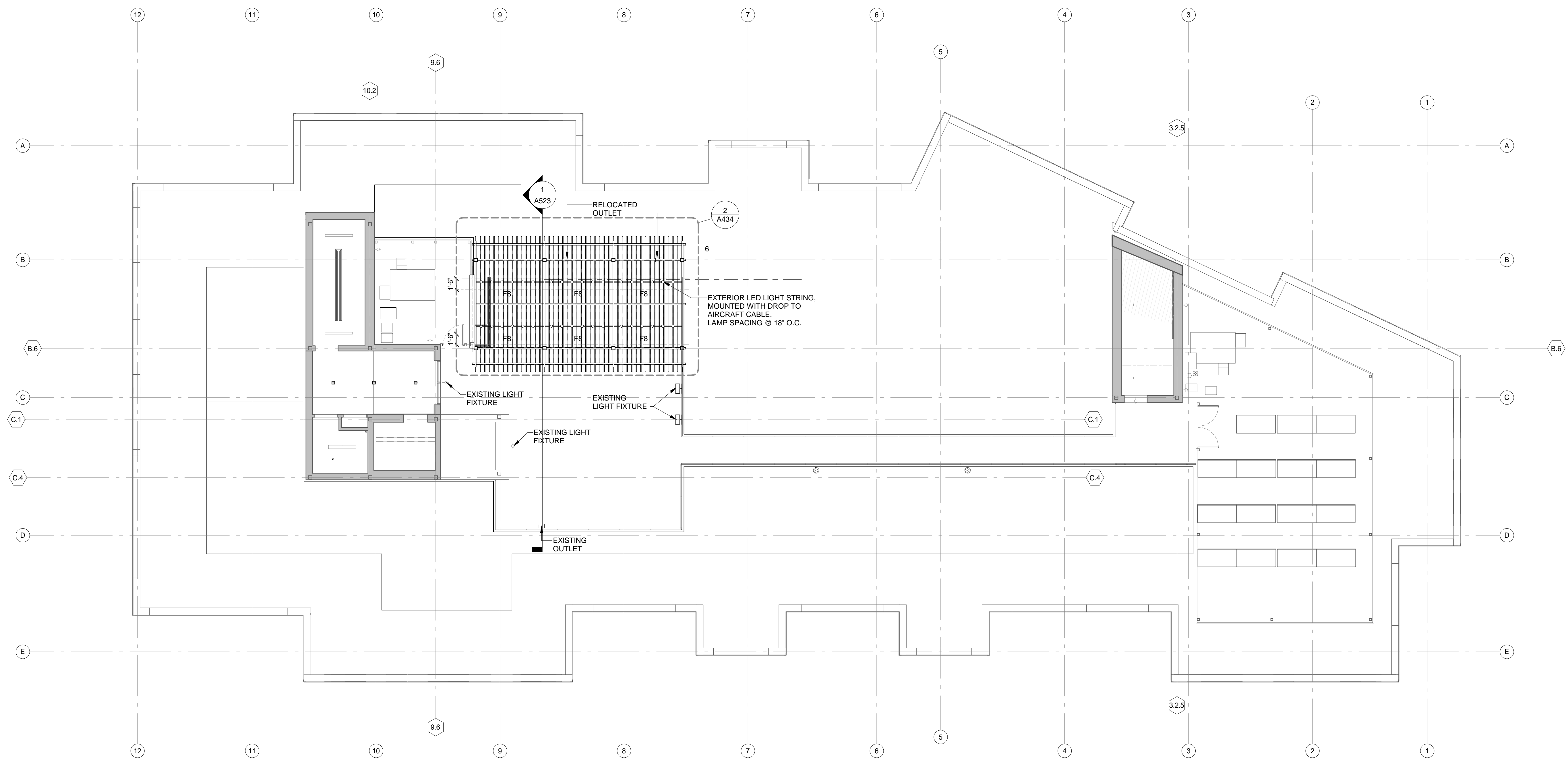
3 GREEN ROOF SYSTEM



4 TOP PLAN VIEW OF GREEN ROOF SYSTEM



6 ROOF DECK SYSTEM ON PEDESTALS



LIGHT FIXTURE SCHEDULE PHASE III					
TAG	DESCRIPTION	MOUNTING	ROOM	MANUFACTURER	COMMENTS
F7	5-1/8" x 5" x 2-5/8" MINI SECURITY LIGHTING	WALL MOUNTED	ROOFTOP (GUARDRAIL)	ACCULITE MSL SERIES LED MINI SECURITY LIGHT	
F8	9'-6" EXTERIOR LED LIGHT STRING - SOCKETS AT 18" O.C.	MOUNTED	ROOFTOP (TRELLIS)	CELESTIAL LIGHTING - HYDRA STL SERIES	LIGHT STRING MOUNTED WITH DROP TO AIRCRAFT CABLE

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**Roof Deck
Reflected
Ceiling Plan**

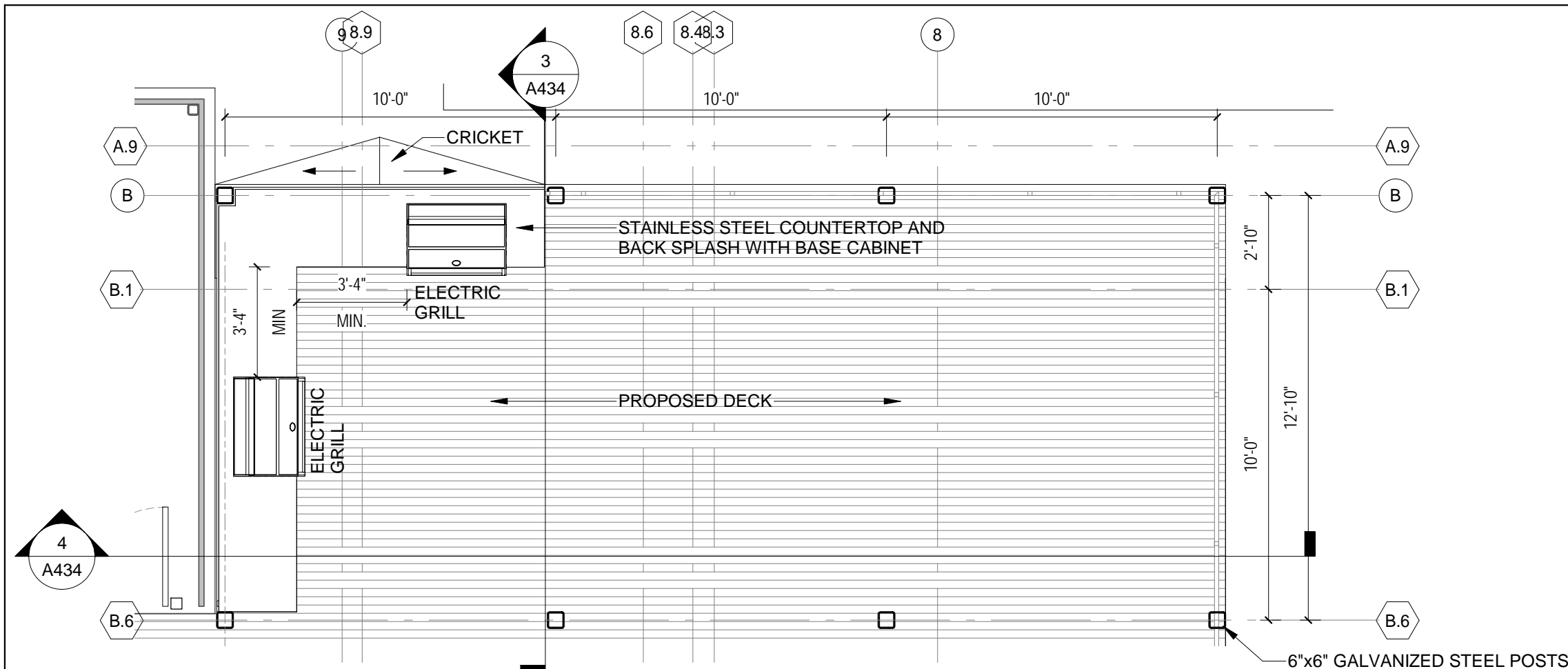
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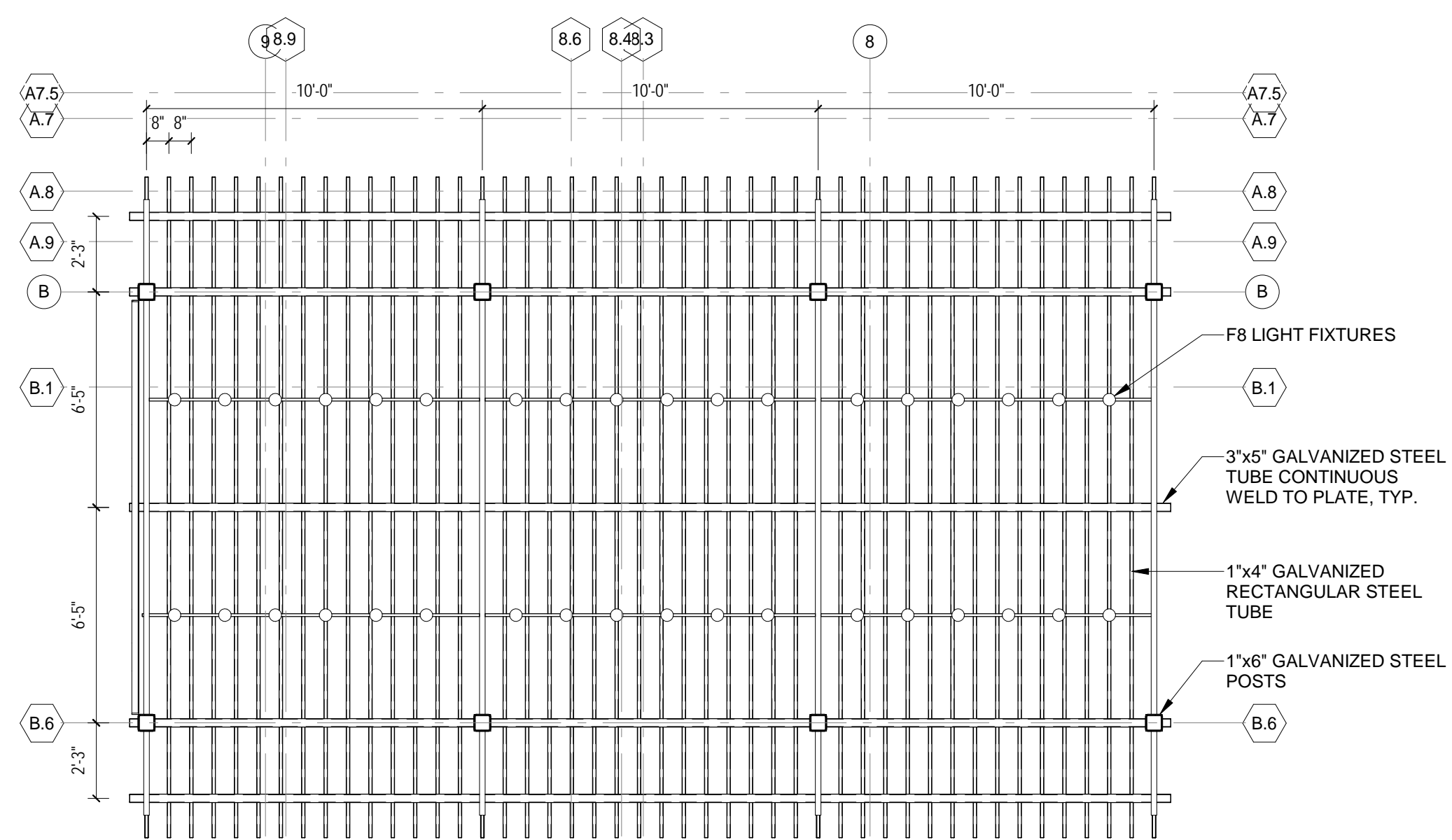
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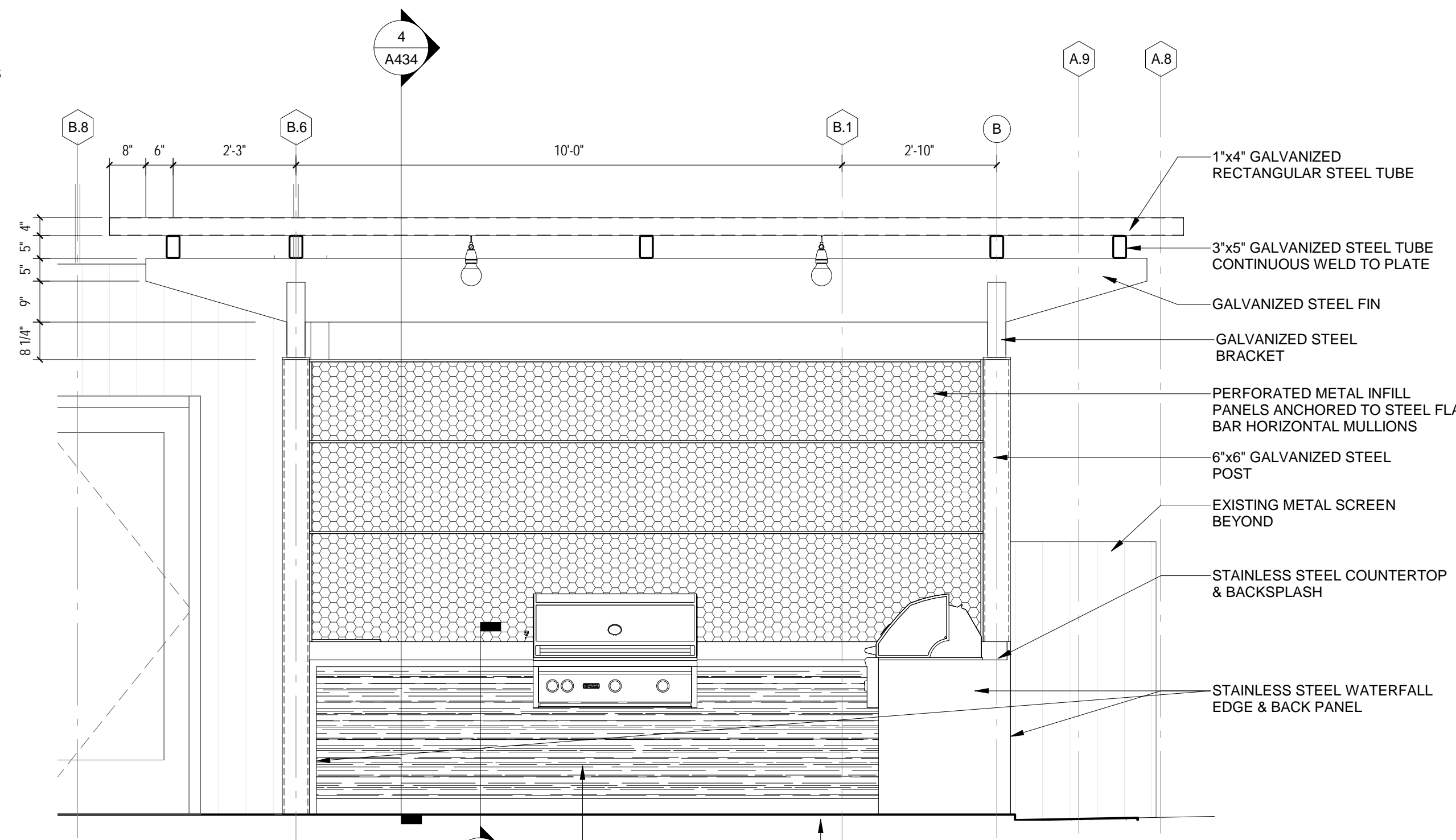
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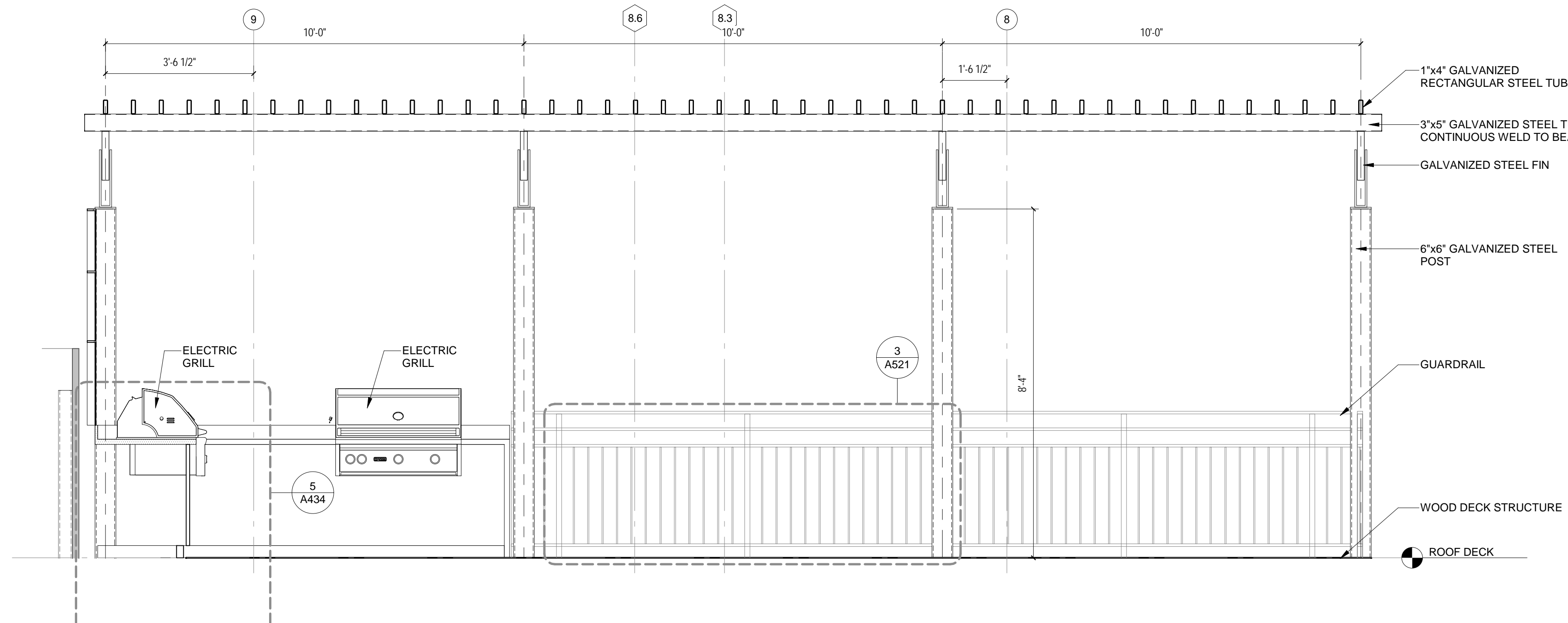
1 ENLARGED FLOOR PLAN AT ROOF DECK
1/4" = 1'-0"



2 PERGOLA FRAMING PLAN
1/4" = 1'-0"

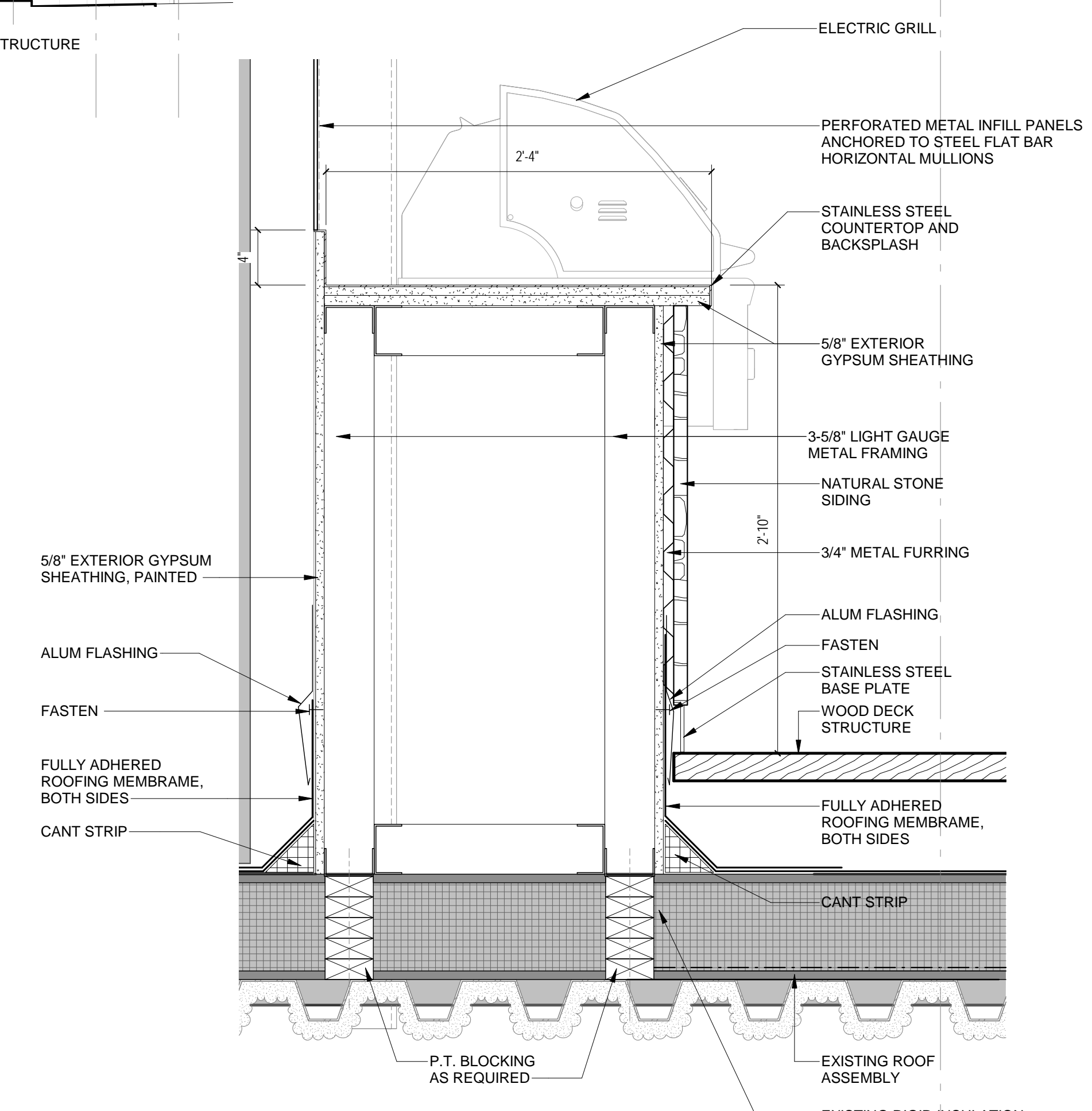


3 SECTION THRU PERGOLA 1
1/2" = 1'-0"



4 SECTION THRU PERGOLA
1/2" = 1'-0"

PRODUCT LEGEND	
Description	Design Basis
F8: Light Fixtures Under Pergola	Celestial Lighting Hydra STL
Outdoor Wall Mount Light Fixture	AccuLite MSL Series
Built-in Electric Grill	Electri-Chef, Emerald 24"
Perforated Metal Infill Panel	McNichols Round Perforated, 16 Gauge Stainless Steel
Cabinet Face	Natural Stone - Burlington Stone (Beige)
Deck Pavers	Bison Wood Tiles, Ipe Wood Tile, WT-FSC-IPE
Stainless Steel Surface	Forms+Surfaces Stainless Steel, satin finish (0.8 mm MIN)



5 SECTION AT CABINET
1 1/2" = 1'-0"

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Boston, MA 02110

PROJECT TEAM
Structural Engineer
Goldstein-Milano LLC
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Reading, MA 01867
781 670-9990

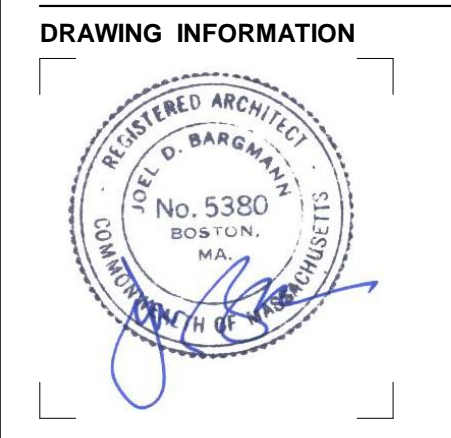
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Enlarged Rooftop Plan



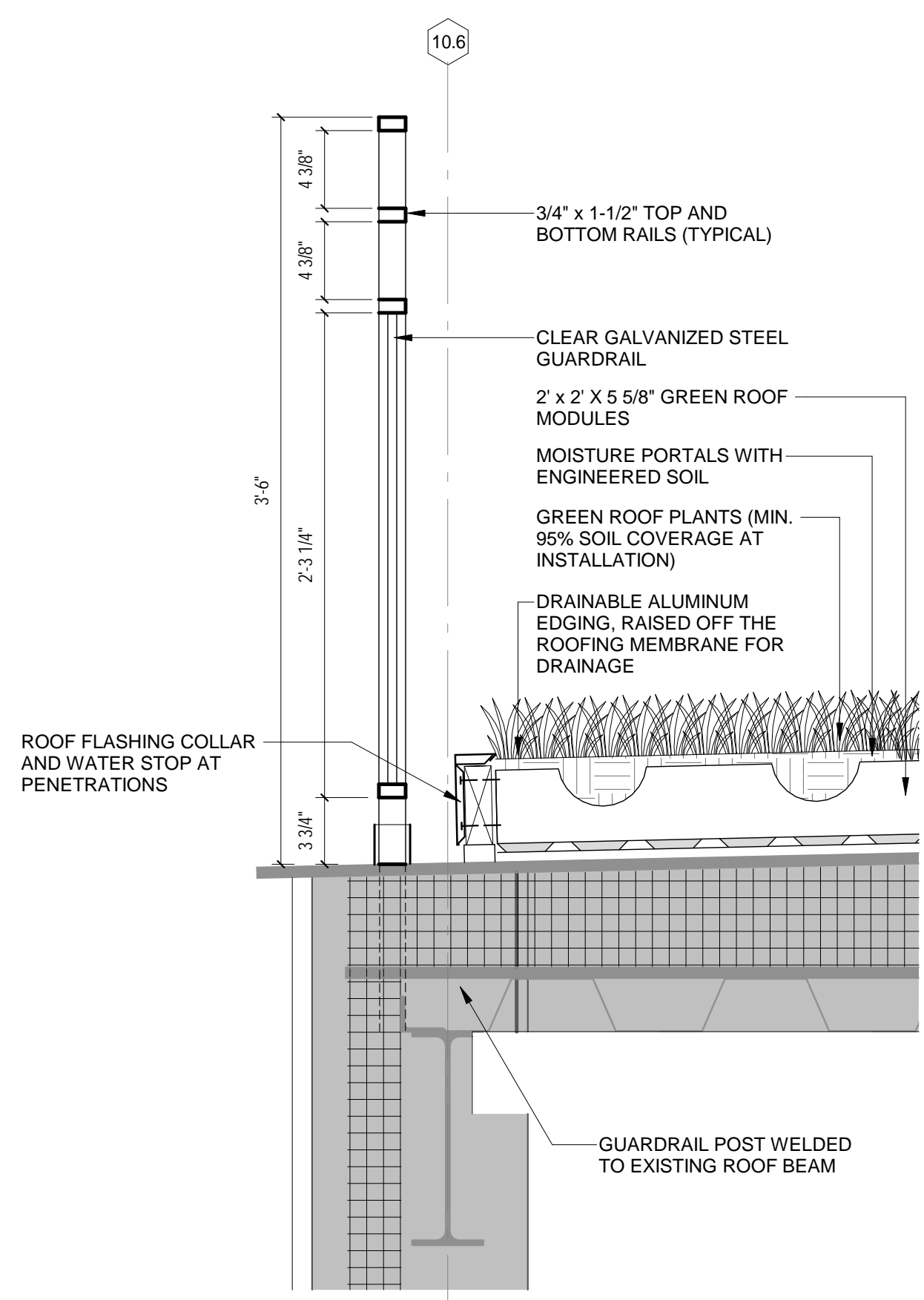
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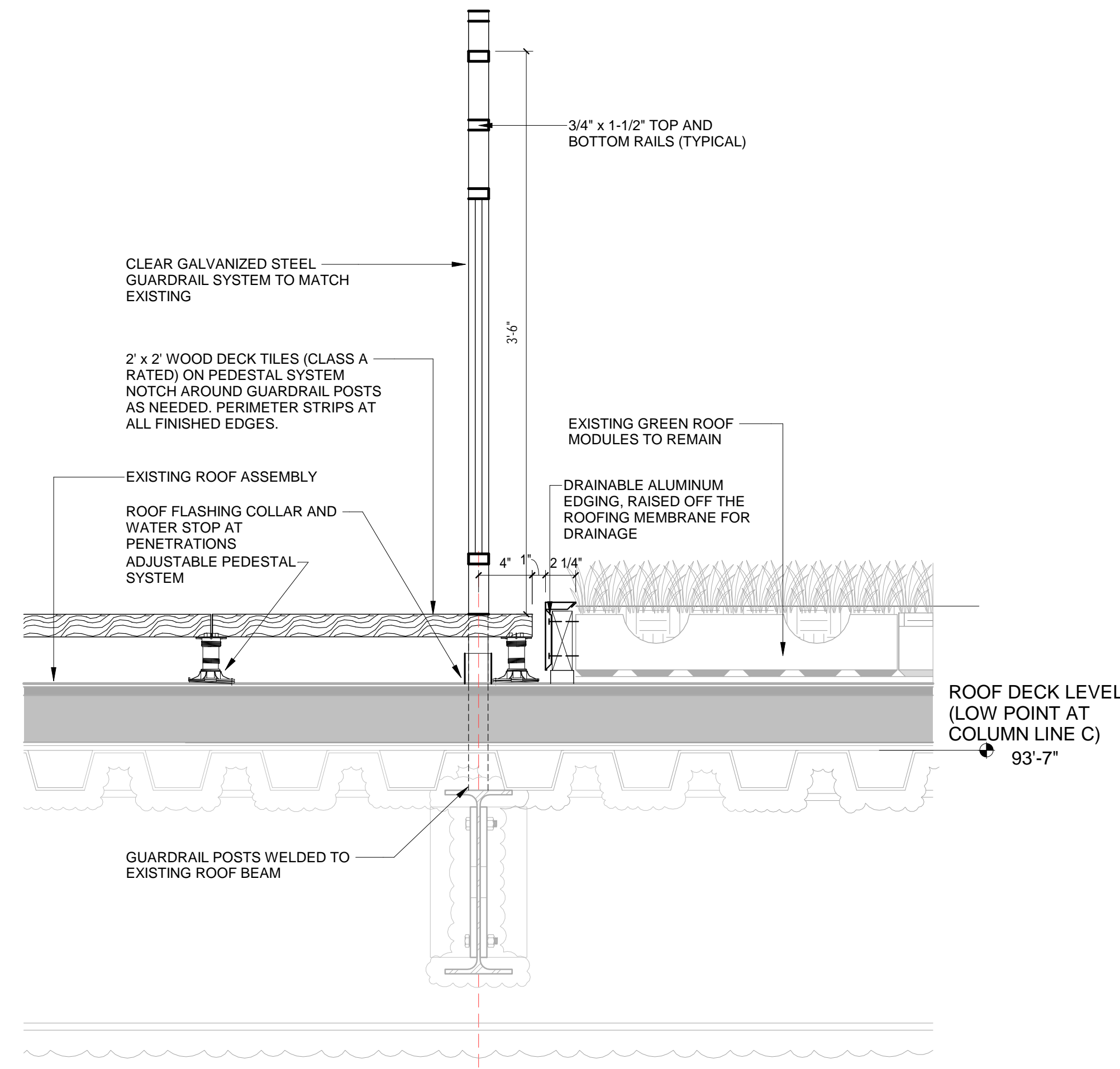
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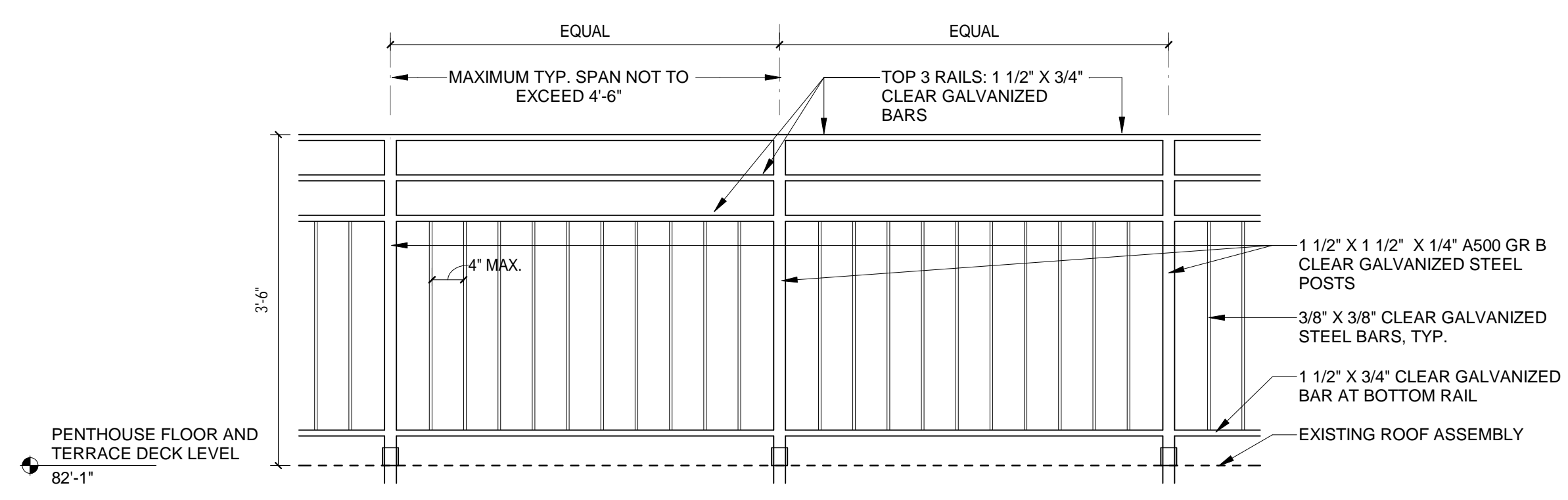


1 TYPICAL GUARDRAIL SECTION AT STAIR 2 ROOFTOP
1 1/2" = 1'-0"

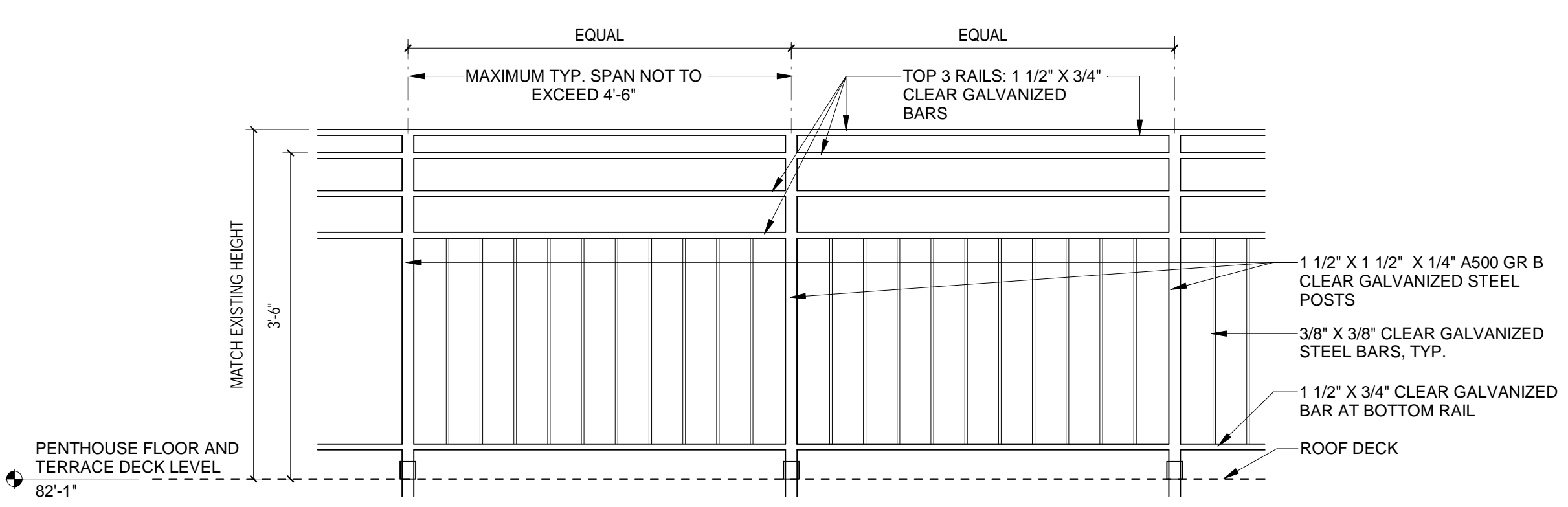


2 SECTION DETAIL OF ROOF DECK AND RAILING AT EDGE OF GREEN ROOF
1 1/2" = 1'-0"

GENERAL NOTES
1. PATCH EXISTING ROOF ASSEMBLY AS REQUIRED.



3 GUARDRAIL ELEVATION AT STAIR 2 ROOFTOP
3/4" = 1'-0"



4 ELEVATION DETAIL AT ROOF DECK
3/4" = 1'-0"

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Railing Details

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