

TD BANK, N.A.
350 LINCOLN RD

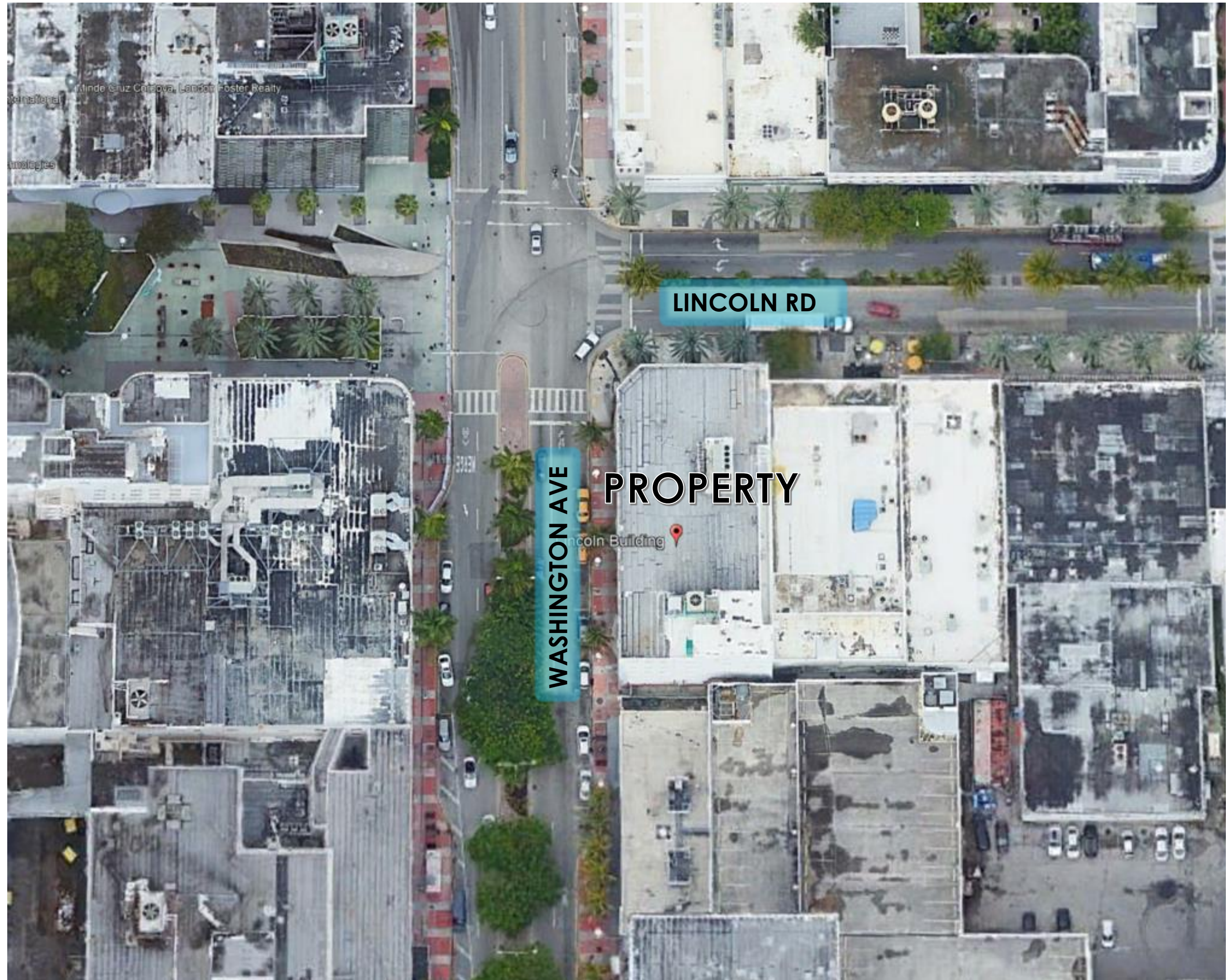
Certificate of Appropriateness
HPB 23-0586

Historic Preservation Board
February 13, 2024

Vanessa Madrid, Esq.

ENTERPRISE REAL ESTATE
ARCHITECTURE + DESIGN





PROPERTY LOCATION



EXISTING CONDITION – CORNER VIEW



EXISTING CONDITION – WASHINGTON AVE



EXISTING CONDITION – LINCOLN RD

SURROUNDING BUILDINGS



VERIZON BUILDING



LINCOLN RD

SURROUNDING BUILDINGS



LINCOLN RD INTERSECTION



WASHINGTON AVE NORTH VIEW

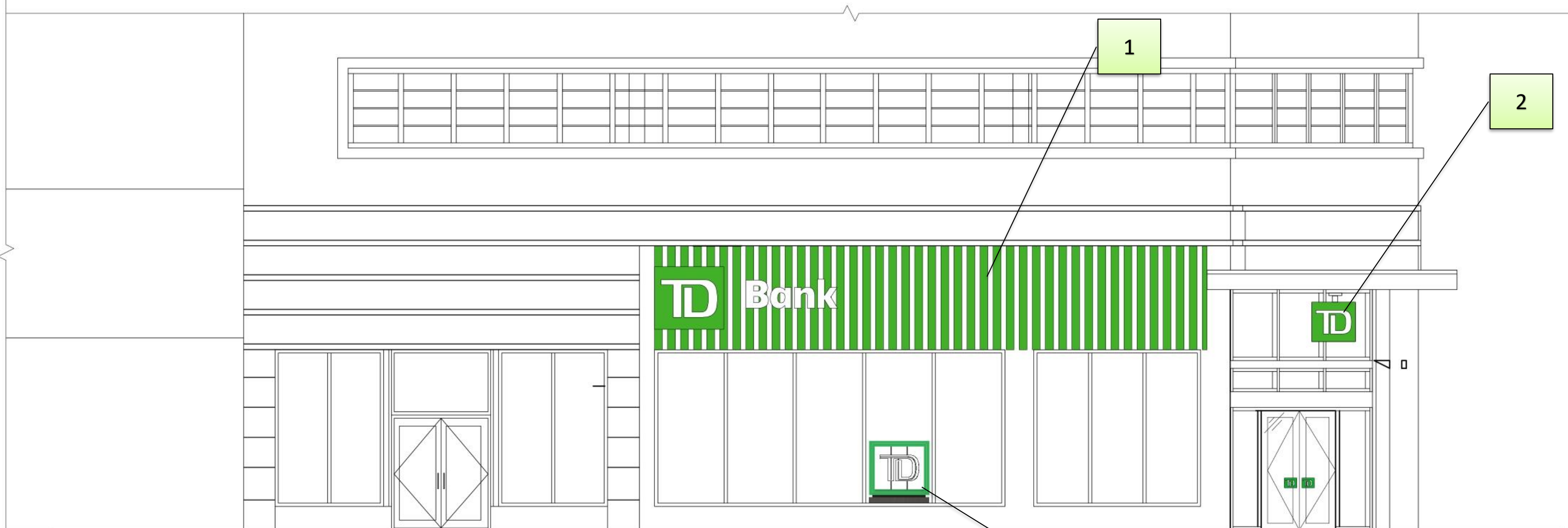
REQUEST

Certificate of Appropriateness

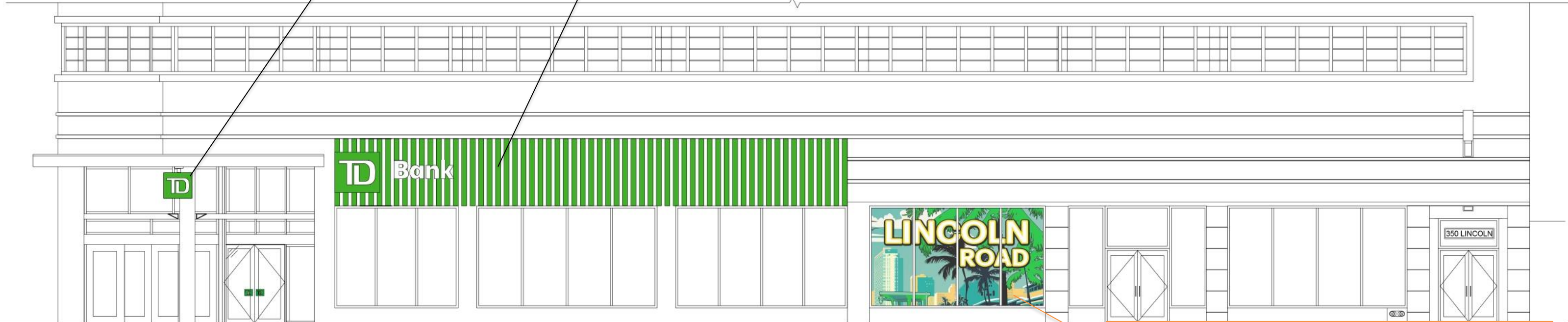


SCOPE DESCRIPTION:

1. Install illuminated and animated green fins as architectural feature behind TD Signage on street walls facing north and west.
2. Replace TD Signage on top of canopy with ceiling-hung illuminated TD cube beneath canopy.
3. Install Illuminated TD hyper shield on interior side of storefront window facing Lincoln Rd.



NORTH ELEVATION



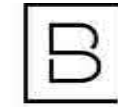
WEST ELEVATION

***FOR REFERENCE ONLY. SUBJECT TO ADMINISTRATIVE APPROVAL.**

ANSI D 2634

FOR REFERENCE ONLY

NOTE:
EXTERIOR SIGNAGE TO BE
SUBMITTED BY SIGNAGE VENDOR
UNDER SEPARATE PERMIT.



BERGMANN
An affiliate of Colliers Engineering & Design

8375 Dix Ellis Trail
Building 600, Suite 105
Jacksonville, FL 32256
www.bergmannpc.com

TD BANK

LINCOLN RD

350 LINCOLN RD,
MIAMI BEACH, FL 33139

Date Revised Description

PERMIT SET
03/30/2023



MICHELINE HREZI DIEGAN, AIA
LICENSE NUMBER: #AR93351
EXPIRATION DATE: 02/28/2025

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Project Manager	Discipline Lead
M. DIEGAN	S. WRASMAN
Designer	Reviewer
A. MCINTYRE	M. DIEGAN
Date Issued	Project Number
03/30/23	22007047A

Sheet Name

CONCEPT SITE PLAN

Drawing Number

G-004



EXISTING 22.4 SF TD
SHIELD AT TOP OF
BUILDING TO REMAIN

INSTALL ILLUMINATED
FINS, REFER TO A-201 &
A-703

REPLACE EXISTING TD
LOCKUP & PROVIDE TD
GREEN ARCHITECTURAL
FINS (NORTH WALL)

REPLACE EXISTING TD
SHIELD WITH FLOATING
CUBE SUSPENDED
BELOW CANOPY
(NORTHWEST WALL)

INSTALL ILLUMINATED
FINS, REFER TO A-201 &
A-703

REPLACE EXISTING TD
LOCKUP & PROVIDE TD
GREEN ARCHITECTURAL
FINS (WEST WALL)

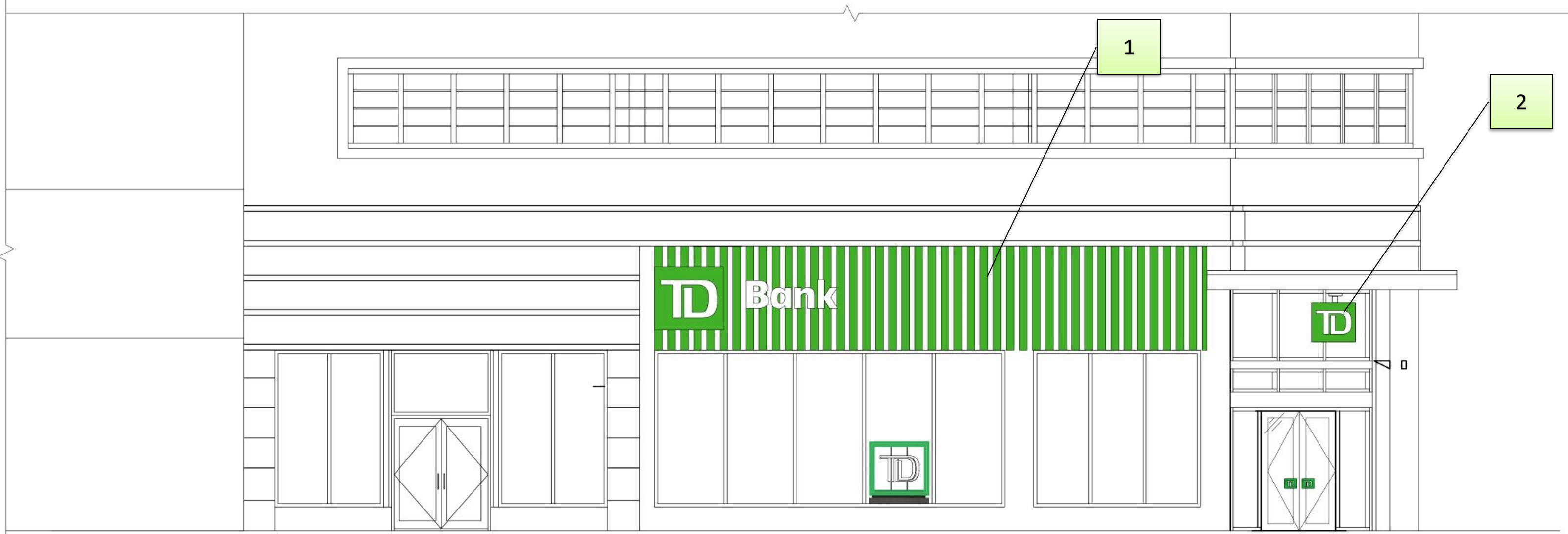
EXISTING 22.4 SF TD
SHIELD AT TOP OF
BUILDING TO MATCH
EXISTING

EXISTING SITE PLAN AND PROPOSED IMPROVEMENTS

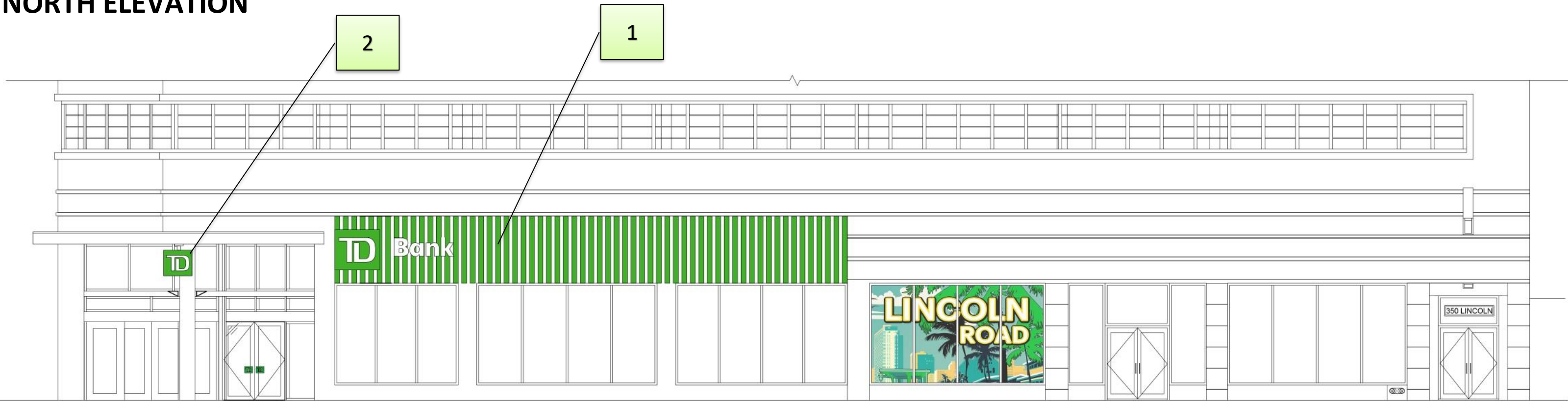


1 CONCEPT SITE PLAN
SCALE: 3" = 1'-0"

11/1/2023 12:43:02 PM



NORTH ELEVATION



WEST ELEVATION

1. Illuminated and animated green fins as architectural feature behind TD Signage on north and west facades.
2. Ceiling-hung illuminated TD cube beneath canopy.



PROPOSED EXTERIOR - DAYTIME
**Rendering provided by IRG*



PROPOSED EXTERIOR - NIGHTTIME
**Rendering provided by IRG*

COMPARISON



EXISTING



PROPOSED

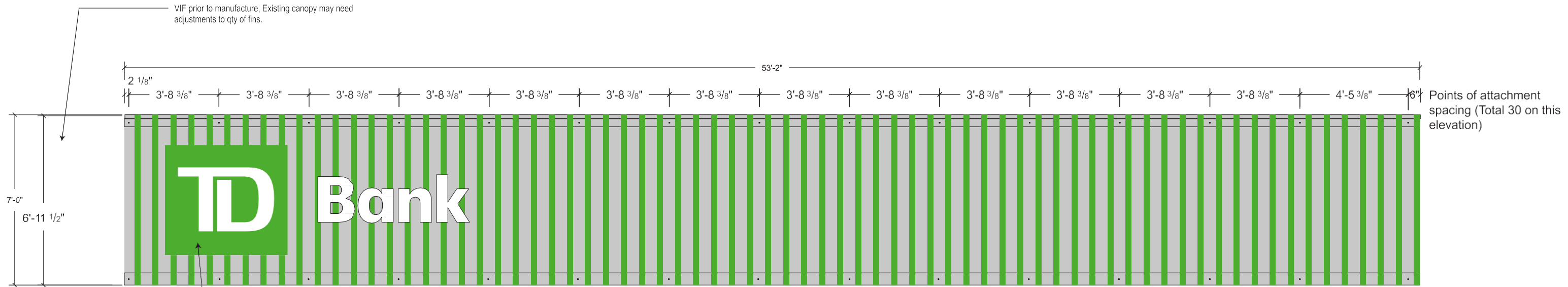


TD Bank

TD TD

TD Bank

350

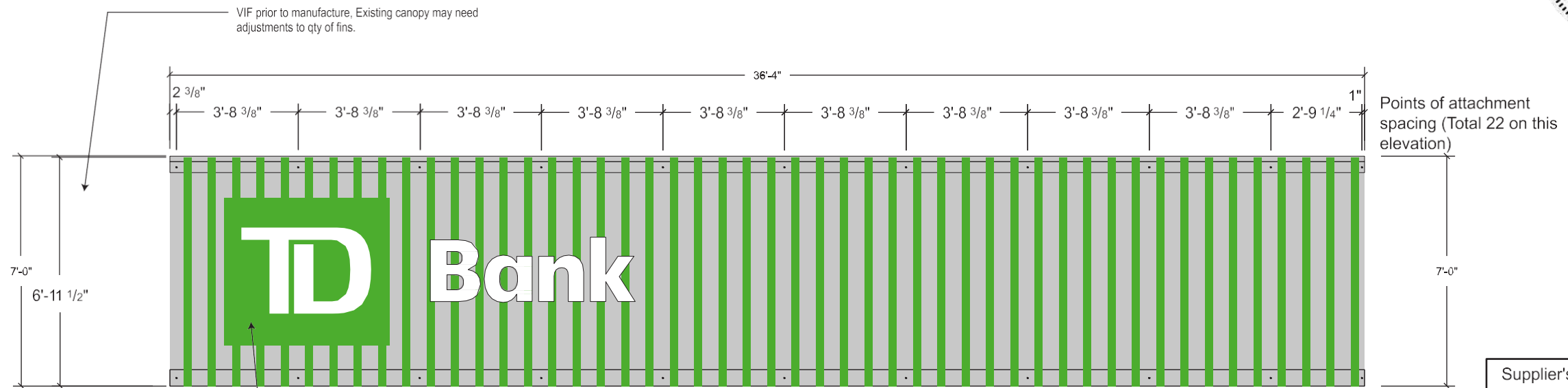


WEST ELEVATION

1/4" = 1'-0"

Qty 72 Fins

TDB-CL.0032 SIGN BY OTHERS



NORTH ELEVATION

1/4" = 1'-0"

Qty 49 Fins

TDB-CL.0032 SIGN BY OTHERS

Supplier's Stamp

This submittal has been approved by
Image Resource Group, Inc.

on 12/19/23 by W Hance



130 PINNACLE POINT CT., SUITE 101
COLUMBIA, SC 29223
PHONE: 803-790-2121
FAX: 803-790-2125
www.imageresourcegroup.com

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CLIENT: TD Bank	
LOCATION: 350 Lincoln Road, Miami Beach, FL	
DRAFTED BY: RKN	PROJECT MANAGER: WHANCE

REVISIONS:
10-25-23 RKN Added attachment details | 10-26-23 RKN Added existing wall detail.

DRAWING NUMBER: TDB-FINS	
SHEET: 4	OF: 7
DATE: 03-29-23	PAGE: 4

TDB-FINS

210.49 sq.ft
841-11 1/2 lf.

Signage Description

HALO ILLUMINATED TD GREEN FINS.

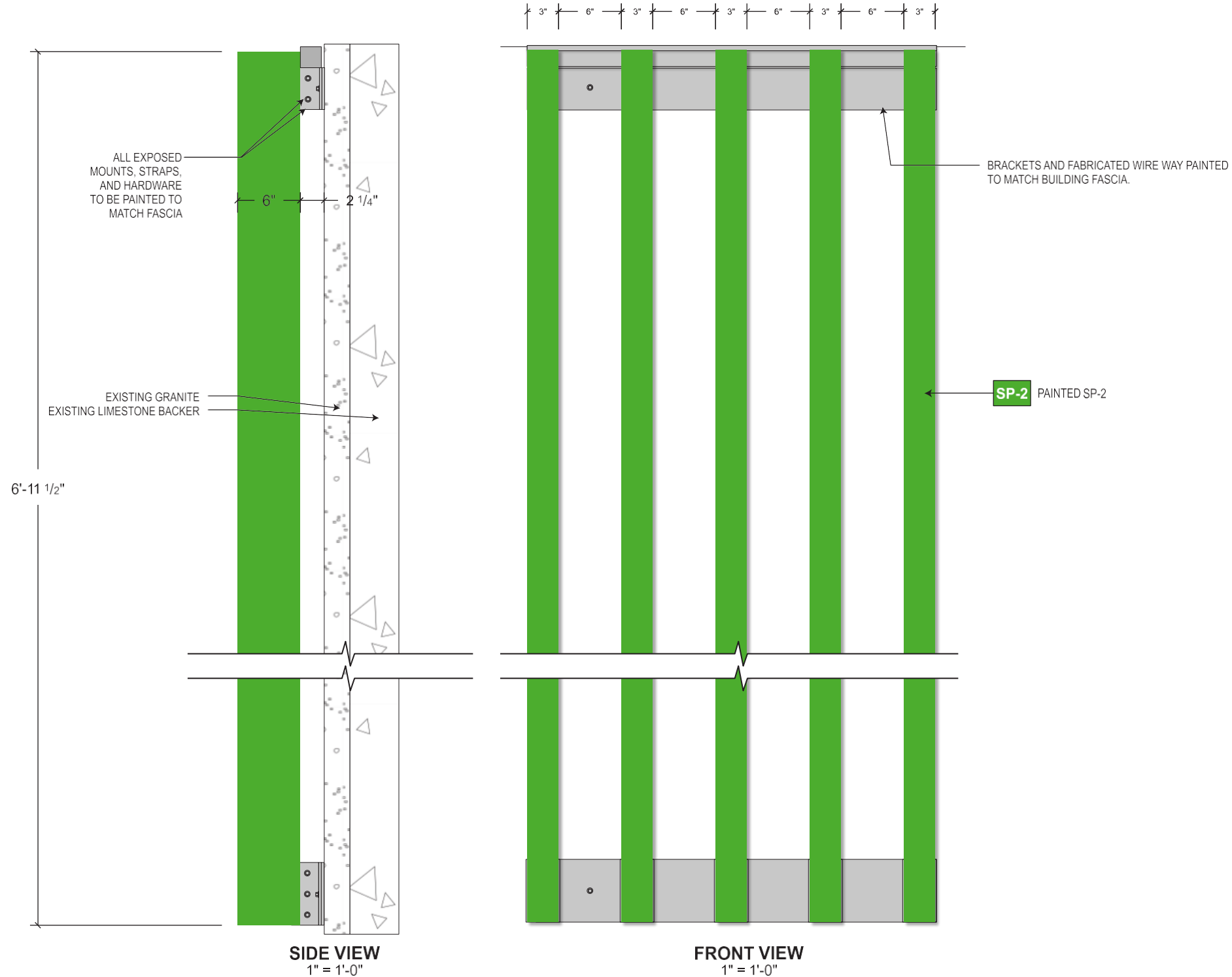
COLOR SCHEDULE

Matthews TD Light Green Paint #MP65220 Ver 1.3 (Satin Finish)	SP-2
Matthews Paint Gray Epoxy Primer # 274528SP	SP-8

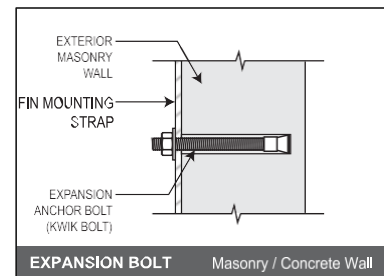
Electrical Specifications

Power SUPPLIES: _____ 60W Power Supply
AMPS: _____ Total AMPS
Circuits: _____ 20 Amp Circuit
Volts: _____ 120 Volts _____ 277 Volts

- ALL ELECTRICAL COMPONENTS ARE TO BE U.L. LISTED AND APPROVED AS PER NEC.5.2011
- ALL TRANSFORMERS GROUND FAULT PROTECTED & COMPLY WITH NEC-600-23
- ALL SECONDARY WIRING INSIDE SIGN IS TO BE HIGH TENSION GTO AS PER NEC-600-31
- ALL PRIMARY WIRING TO BE #12 THWN AS PER NEC-60-5
- GROUNDING AND BONDING AS PER NEC 250
- INSTALLATION WILL COMPLY WITH ALL OF THE REQUIREMENTS OF NEC 600 & FBC.505.2.4 SIGNS WILL BE CONTROLLED BY A PHOTOCCELL OR ASTRONOMICAL TIME CLOCK.



Typical Sign Connection Details



EXPANSION BOLT	
Bolt Diameter:	3/8"
Qty:	52
Min. Embed:	1 3/4"

See Page 4 for placement and qty per elevation break down

Connection Specifications:

Attach Fins to Wall with Connectors. See Engineered sealed drawings for Complete Specifications. Do Not Overtighten Connectors. Use Oversized Washer Backers for Thru Wall Connectors.



Supplier's Stamp

This submittal has been approved by
Image Resource Group, Inc.

on 12/19/23 by W Hance

IMAGE RESOURCE GROUP
BRINGING DESIGN TO REALITY

130 PINNACLE POINT CT., SUITE 101
COLUMBIA, SC 29223
PHONE: 803-790-2121
FAX: 803-790-2125
www.imageresourcegroup.com

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CLIENT:	TD Bank
LOCATION:	350 Lincoln Road, Miami Beach, FL
DRAFTED BY:	RKN
PROJECT MANAGER:	WHANCE

REVISIONS:
10-25-23 RKN Added attachment details | 10-26-23 RKN Added existing wall detail.

DRAWING NUMBER:		TDB-FINS
SHEET:	1	OF: 7
DATE:	03-29-23	PAGE: 1

Face Lit Channel Letters

Action:

- Remove Existing Letterset. Patch, repair, and paint area.
- Manufacture and install (1) face lit channel letterset.

Description:

- TD Shield construction to be aluminum returns with white acrylic faces secured with trimcap. Vinyl to be applied to logo faces with TD Copy to be exposed face material.
- Letterset and logo cabinet to be illuminated with white LEDs.
- Logo to be mounted with non corrosive fasteners.
- Letters to be mounted with nylon spacers.
- Letterset to be mounted on face of architectural features. Provided by others.

Material & Color:

- Logo Vinyl: 3M 3630-5741 Light Green Translucent Vinyl (First Surface)
- Entire Logo face and letters to be laminated with 3M 3660M
- Logo Returns: MP65220 R165605 TD Light Green (Satin Finish)
- Logo Trim Cap: MP65220 R165605 TD Light Green (Satin Finish)
- Logo and Letter Faces: 7328 White Acrylic
- Logo and Letters Illumination: White LED
- Letter Trim Cap: 1" White
- Letter Returns: Precoat White



Existing Conditions



Proposed

Code:

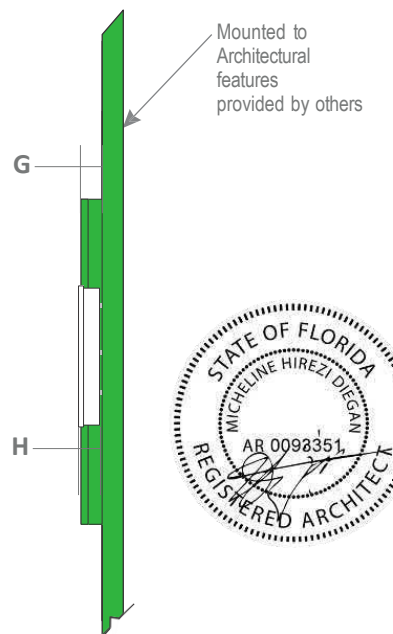
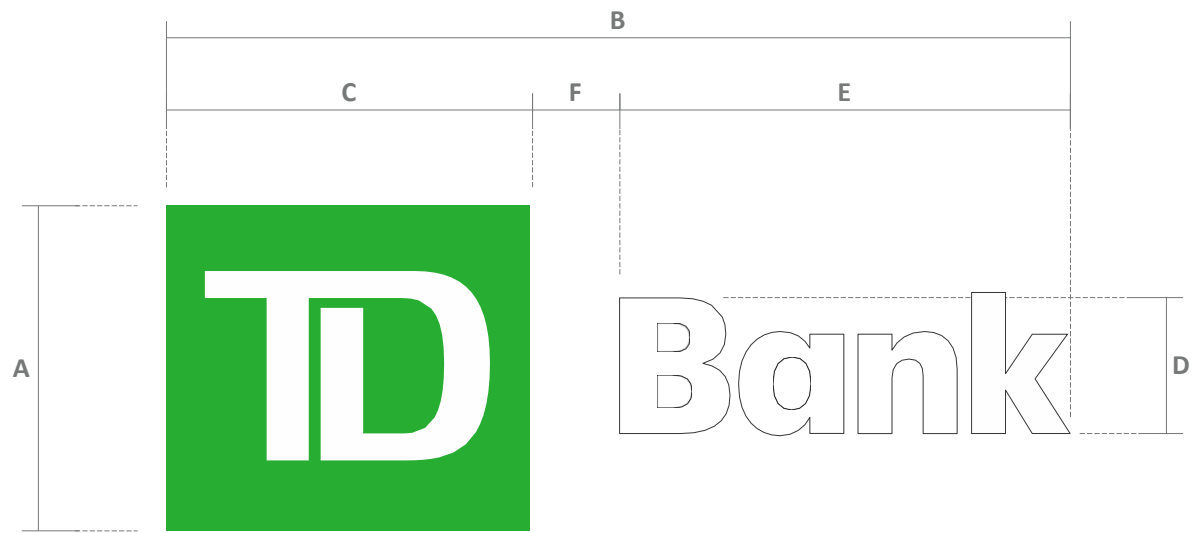
Maximum area calculation: 0.75 square feet for every foot of linear frontage, with a minimum of 15 square feet permissible, regardless of linear frontage. Maximum area Max.: 100 square feet

Existing Sign: 61.76 Sq Ft



Night Composite

Fins to have timed animated illumination creating motion



Sign Type	Part Number	A	B	C	D	E	F	G	H	Sq. Ft. (4 Line) A x B
TDB-CL.0032	TDB-CL-RMT-W-54	4'-6"	12'-6 3/16"	5'-0 3/8"	1'-10 9/16"	6'-2 13/16"	1'-2 7/8"	3"	3"	56.32



National Headquarters: 1077 West Blue Heron Blvd.
West Palm Beach, Florida 33404
800.772.7932
www.atlasbtw.com

Revisions:

Revised Letterset 03.31.2023 TLD
...
...
...
...

Supplier's Stamp

This submittal has been approved by
Atlas Sign Industries

on 12/19/2023 by S Prouse

S01

PM: SJP	Address: 350 Lincoln Rd
Drawn By: TLD	City State: Miami Beach, FL
Date: 02.16.2023	Drawing Number: 148100

Face Lit Channel Letters

Action: _____

- Remove Existing Letterset. Patch, repair, and paint area.
- Manufacture and install (1) face lit channel letterset.

Description: _____

- TD Shield construction to be aluminum returns with white acrylic faces secured with trimcap. Vinyl to be applied to logo faces with TD Copy to be exposed face material.
- Letterset and logo cabinet to be illuminated with white LEDs.
- Logo to be mounted with non corrosive fasteners.
- Letters to be mounted with nylon spacers.
- Letterset to be mounted on face of architectural features. Provided by others.

Material & Color: _____

- Logo Vinyl: 3M 3630-5741 Light Green Translucent Vinyl (First Surface)
- Entire Logo face and letters to be laminated with 3M 3660M
- Logo Returns: MP65220 R165605 TD Light Green (Satin Finish)
- Logo Trim Cap: MP65220 R165605 TD Light Green (Satin Finish)
- Logo and Letter Faces: 7328 White Acrylic
- Logo and Letters Illumination: White LED
- Letter Trim Cap: 1" White
- Letter Returns: Precoat White



Existing Conditions



Proposed

Code: _____

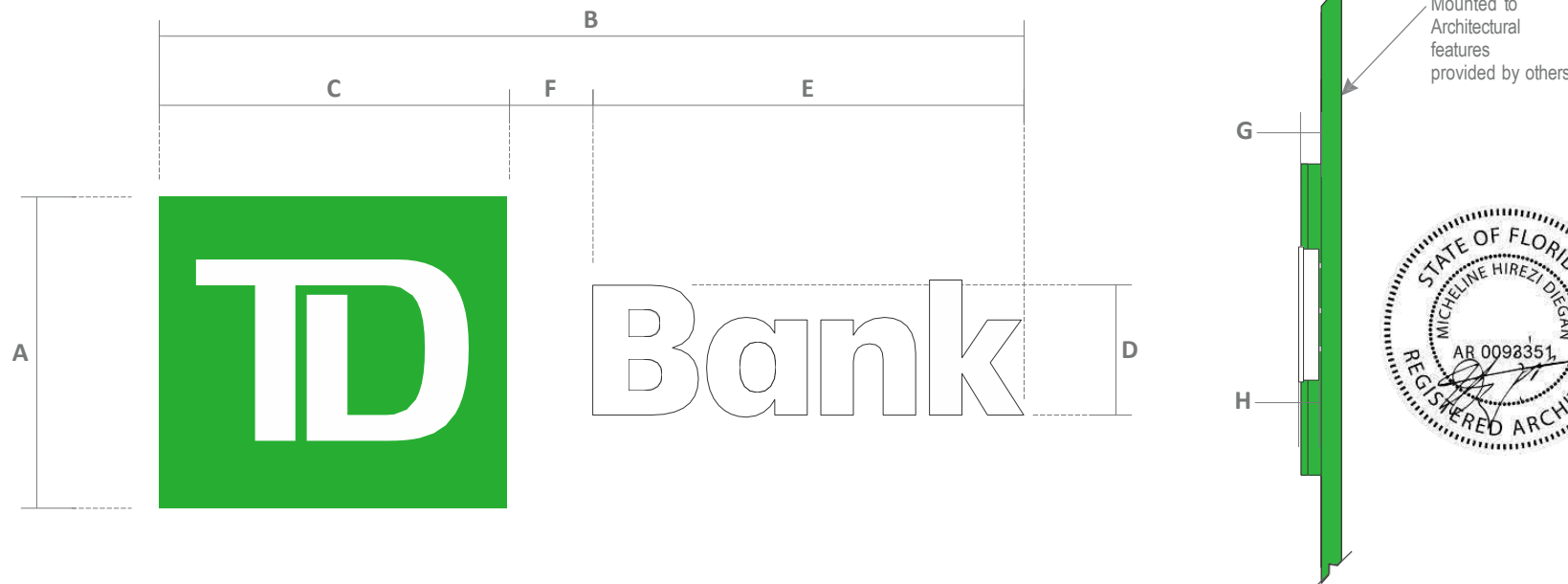
Maximum area calculation: 0.75 square feet for every foot of linear frontage, with a minimum of 15 square feet permissible, regardless of linear frontage. Maximum area Max.: 100 square feet

Existing Sign: 61.76 Sq Ft



Night Composite

Finis to have timed animated illumination creating motion



Sign Type	Part Number	A	B	C	D	E	F	G	H	Sq. Ft. (4 Line) A x B
TDB-CL.0032	TDB-CL-RMT-W-54	4'-6"	12'-6 3/16"	5'-0 3/8"	1'-10 9/16"	6'-2 13/16"	1'-2 7/8"	3"	3"	56.32



National Headquarters: 1077 West Blue Heron Blvd.
West Palm Beach, Florida 33404
800.772.7932
www.atlasbtw.com

Revisions:
Revised Letterset 03.31.2023 TLD
...
...
...
...

Supplier's Stamp
This submittal has been approved by
Atlas Sign Industries
on 12/19/2023 by S Prouse

S02

PM: SJP	Address: 350 Lincoln Rd
Drawn By: TLD	City State: Miami Beach, FL
Date: 02.16.2023	Drawing Number: 148100

Illuminated Cube Sign (4) illuminated sides

Action:

- Manufacture and install (4 sided cube sign)
3 sides to be one piece clear break formed polycarbonate.
One side to be single face with retainer.
- Suspended with center round tube painted MP brushed aluminum.

Engineering drawings required.

Material & Color:

- Logo Vinyl: 3M 3630-5741 Light Green Translucent Vinyl (First Surface)
- Entire face to be laminated with 3M 3660M
- Cabinet : Paint : MP65220 R165605 TD Light Green (Satin Finish)
- Face: 7328 White Acrylic
- Support Pole: Painted MP Brushed Aluminum



Existing Conditions

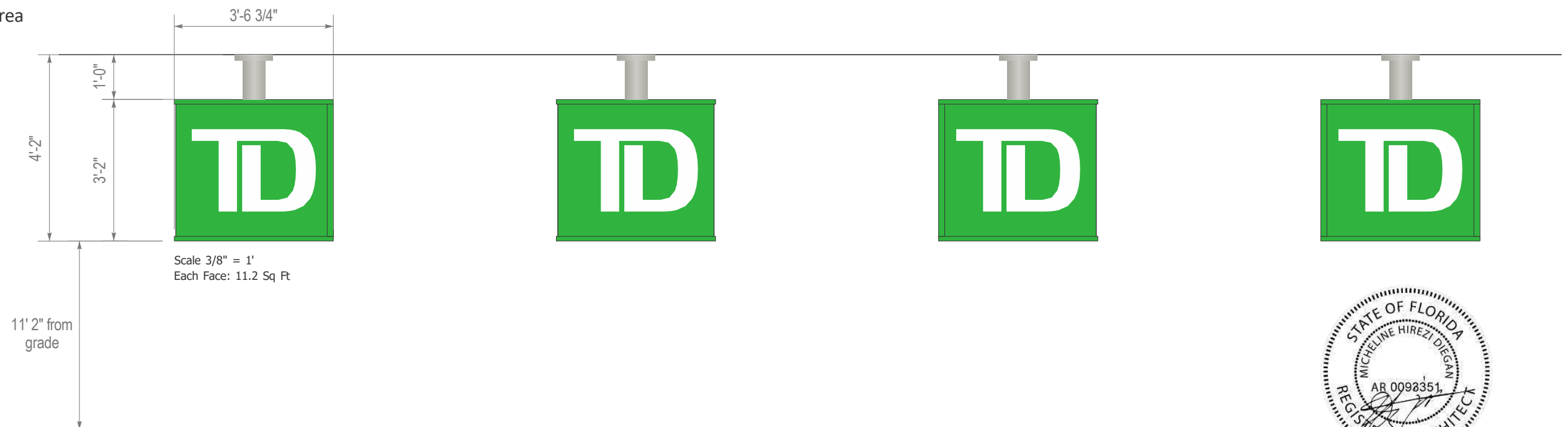


Proposed

Code:

Maximum area calculation: 0.75 square feet for every foot of linear frontage, with a minimum of 15 square feet permissible, regardless of linear frontage. Maximum area Max.: 100 square feet

Proposed Sign: 11.2 Sq Ft



National Headquarters: 1077 West Blue Heron Blvd.
West Palm Beach, Florida 33404
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Revisions:

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...
...

Supplier's Stamp

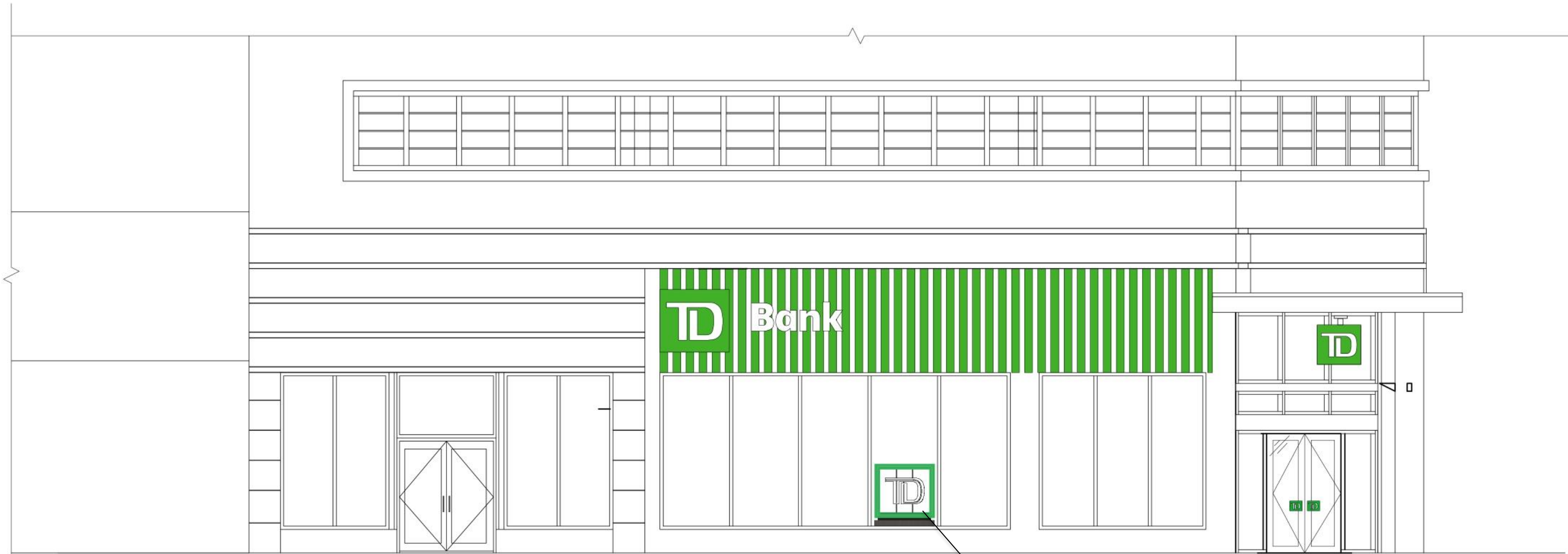
This submittal has been approved by
Atlas Sign Industries

on 12/19/2023 by S Prouse

S05

PM: SJP
Drawn By: TLD
Date: 02.16.2023

Address: 350 Lincoln Rd
City State: Miami Beach, FL
Drawing Number: 148100



NORTH ELEVATION

3

3. Illuminated TD hyper shield on interior side of storefront window facing Lincoln Rd.

.080 Alum. (5052) Letter Back Painted White, Satin Finish
 .090 Alum. (5052) Border Back Painted TD Bank Light Green, Satin Finish



PLAN VIEW
 SCALE: 3/4" = 1'-0"

PRELIMINARY PRINT

DESIGN SPECIFICATIONS

FL Building Code 2020 7th Edition
 ASCE 7-16 Minimum Design Loads for Buildings & Other Structures
 ACI 318-14 Building Code Requirements for Structural Concrete
 ANSI/AISC 360-16 Specification for Structural Steel Buildings

Note: This sign is intended to be installed in accordance with the requirements of Article 600 of the NFPA 2017 National Electrical Code and/or other applicable local codes. This includes proper grounding and bonding of the sign.

STANDARD MONUMENT NOTES:

1. Sufficient Primary Circuit In Vicinity Of Sign By Others.
2. Final Primary Hook-up By Sign Installer, Where Allowed By Local Codes.
3. Sign Shall Be U.L. Listed.
4. Soil Assumed To Be 300 psf/ft Lateral Bearing Pressure (psf/ft below natural grade).
5. Concrete 2,500 PSI @ 28 Days.
6. Reinforcing Steel Shall Be ASTM A615 GR-40.
7. Structural Steel Shall Be ASTM A36.
8. All Welds Shall Conform To A.W.S Standards.

Electrical Load
 (1.16) Amps @ 120 Volts
Electrical Req'mts
 (1) 20 Amp/120 Volt Circuits

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 BRINGING THE WORLD'S BRANDS TO LIFE
 707 West Spring Garden Street
 Palmyra, New Jersey 08065
 Phone: 856.829.1460
 Fax: 856.829.8549
 www.philadelphiasign.com

CUSTOMER:
 TD BANK
JOB NUMBER:
 TD_3811

SIGN TYPE:
 HYPER SHIELD

LOCATION:
 350 LINCOLN ROAD
 MIAMI BEACH, FL 33139

DATE:
 10/19/23

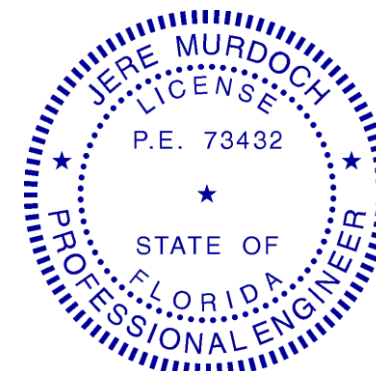
DRAWN BY:
 RRR

REVISION:
 Number: Date: By:

SHEET: 1 OF 2
 ENG DEPT

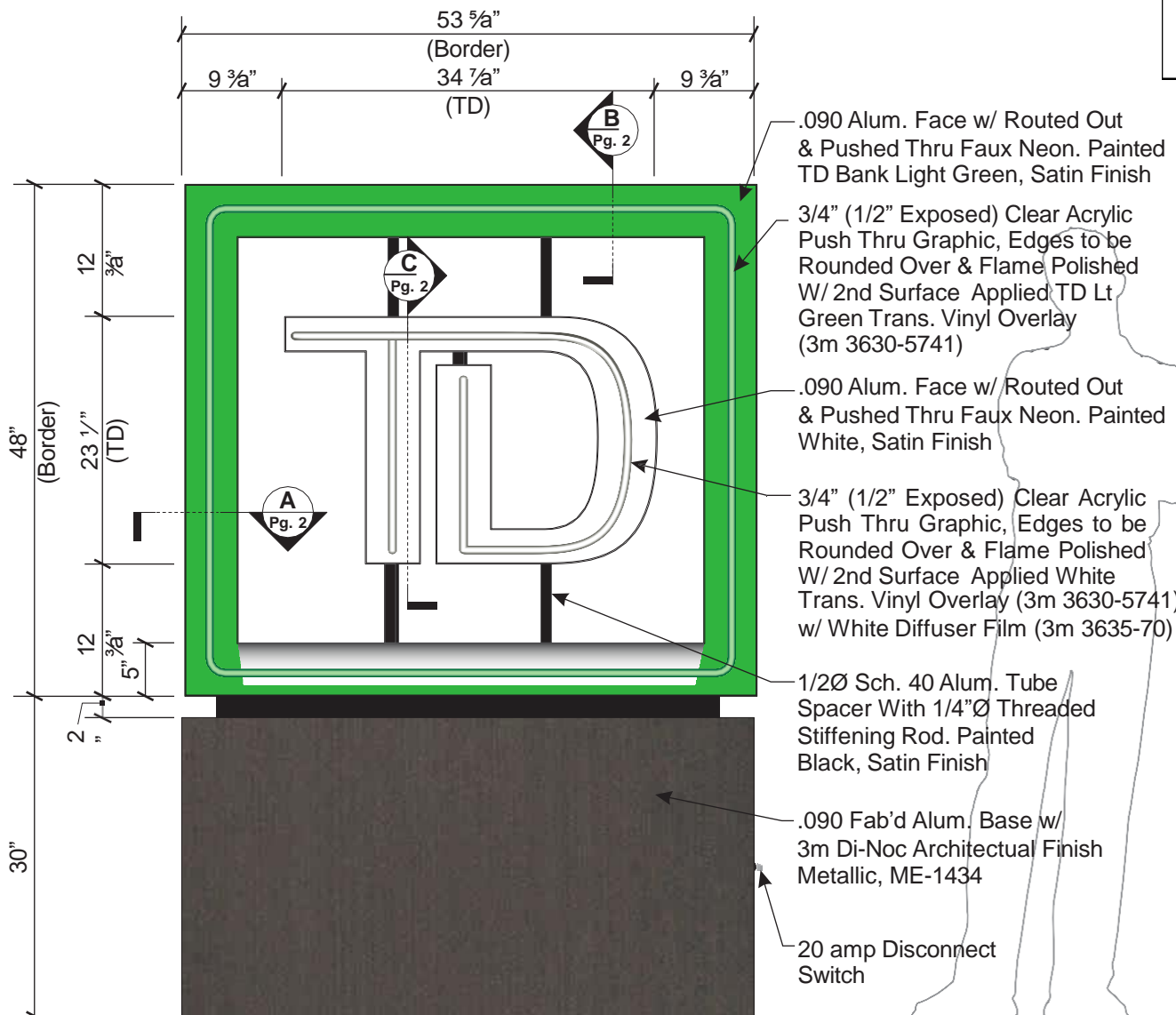
DWG NUMBER:
 B-106862

ENGINEER SEAL:



MURDOCH ENGINEERING
 SIGN STRUCTURE PROFESSIONALS
 2399 A-2 NJ-34
 MANASQUAN NJ 08736
 (973) 570-8775 x0
Jere Murdoch
 12/19/2023
Jere Murdoch, PE
 Professional Engineer
 FL PE Lic. #73432

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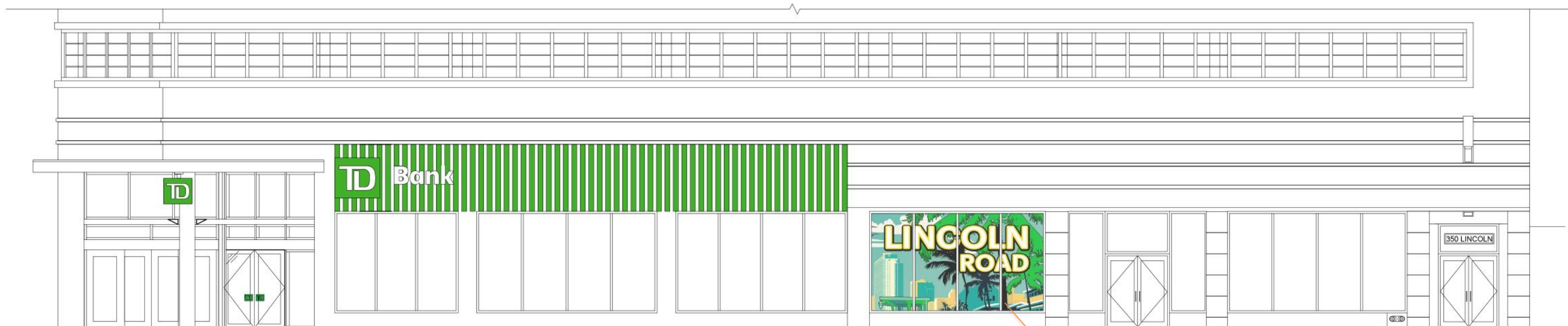


48" CUSTOM HYPER SHIELD W/ BASE
 SCALE: 3/4" = 1'-0"

SIDE VIEW
 SCALE: 3/4" = 1'-0"

GRADE





WEST ELEVATION

***FOR REFERENCE ONLY. SUBJECT TO ADMINISTRATIVE APPROVAL.**

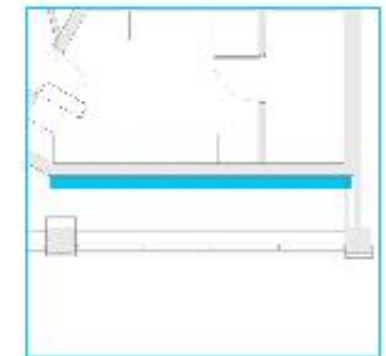
*FOR REFERENCE ONLY. SUBJECT TO ADMINISTRATIVE APPROVAL: Interior wall art behind storefront window facing Washington Ave.

MURAL

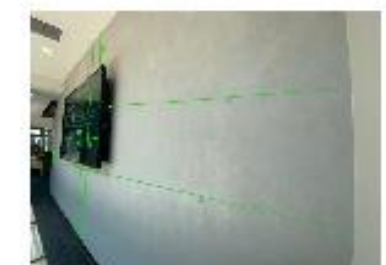
MIAMI BEACH, FL

Hallway

238" x 119" with 6" x 2" plaque 1 to the right.



Hallway



Thank you.

Q & A

Holland & Knight

ENTERPRISE REAL ESTATE
ARCHITECTURE + DESIGN



LINCOLN
BUILDING

MERRILL LYON PIERCE FENNER & SMITH

MERRILL LYON PIERCE FENNER & SMITH

KITTY KELLY

KITTY KELLY SHOES

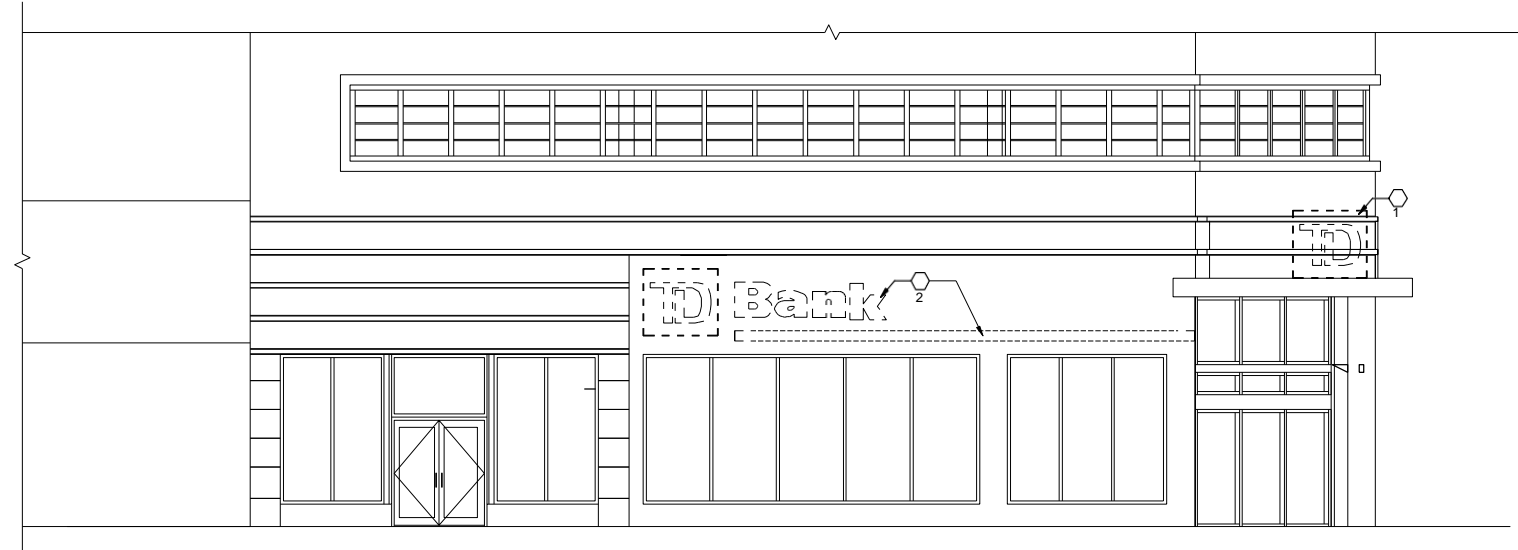
Joe
Laguna



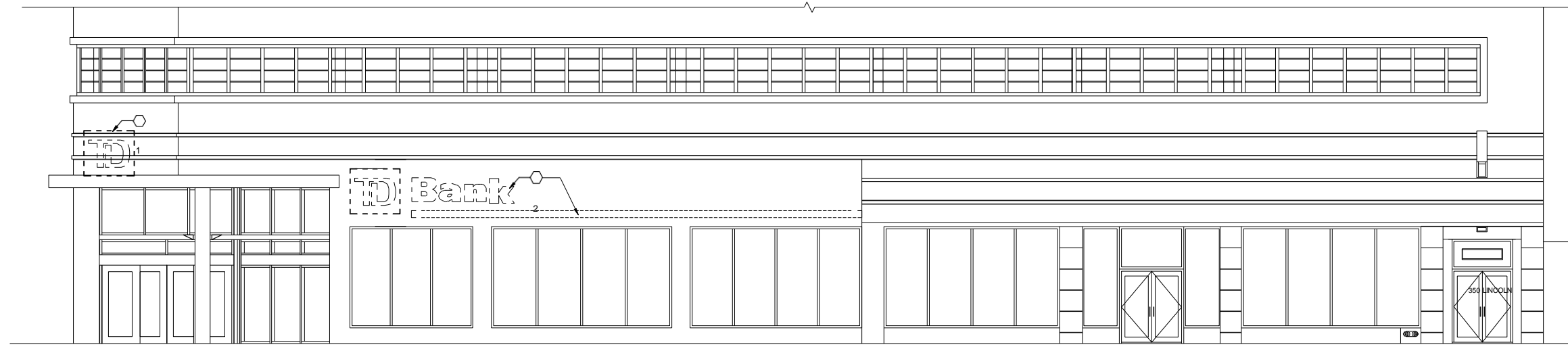
ANSI D 2624

DEMOLITION NOTES:

1	DEMO EXISTING TD SHIELD ABOVE ENTRANCE CANOPY. REPAIR/ PATCH UP ROOF AS REQUIRED.
2	DEMO EXISTING TD LOCKUPS. PATCH UP/ REPAIR WALL AS REQUIRED.



1 NORTH ELEVATION
SCALE : 3/16" = 1'-0"



2 WEST ELEVATION
SCALE : 3/16" = 1'-0"

11/1/2023 12:43:02 PM



8375 Dix Ellis Trail
Building 600, Suite 105
Jacksonville, FL 32256
www.bergmannpc.com

TD BANK

LINCOLN RD

350 LINCOLN RD,
MIAMI BEACH, FL 33139

Date Revised	Description

PERMIT SET
03/30/2023



MICHELLE HIREZ DIEGAN, AIA
LICENSE NUMBER: #AR98351
EXPIRATION DATE: 02/28/2025

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Project Manager	Discipline Lead
M. DIEGAN	S. WRASMAN
Designer	Reviewer
A. MCINTYRE	M. DIEGAN
Date Issued	Project Number
03/30/23	22007047A

Sheet Name

EXTERIOR DEMOLITION

Drawing Number

AD-201



National Headquarters: 1077 West Blue Heron Blvd.
 West Palm Beach, Florida 33404
 800.772.7932
 www.atlasbtw.com

Revisions:

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Supplier's Stamp

This submittal has been approved by
 Atlas Sign Industries

on 12/19/2023 by S Prouse

PM: SJP

Drawn By: TLD

Date: 02.16.2023

Address: 350 Lincoln Rd

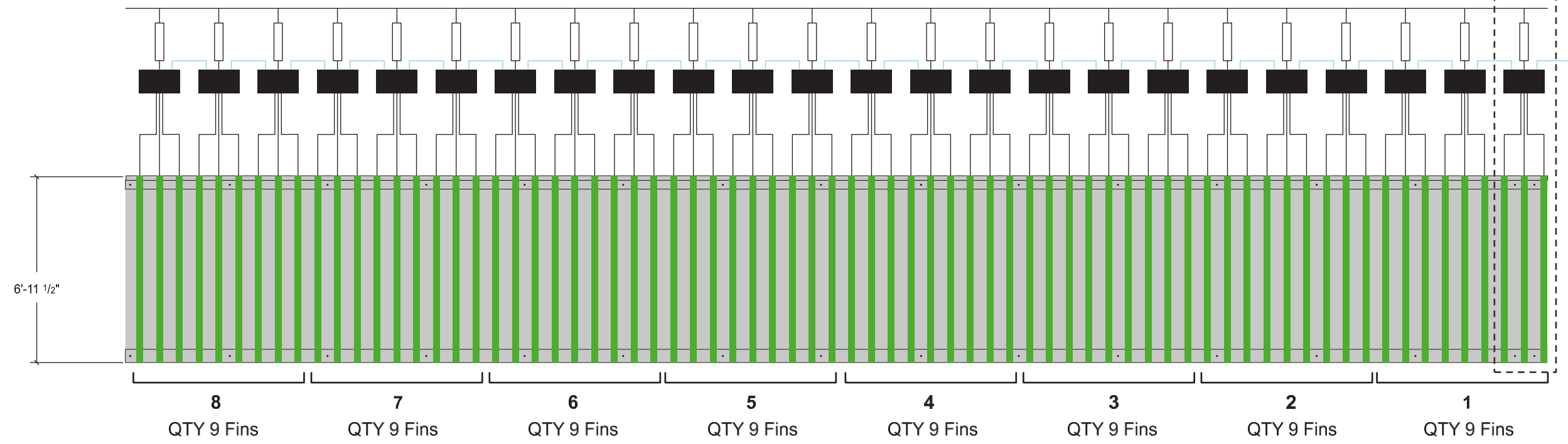
City State: Miami Beach, FL

Drawing Number:

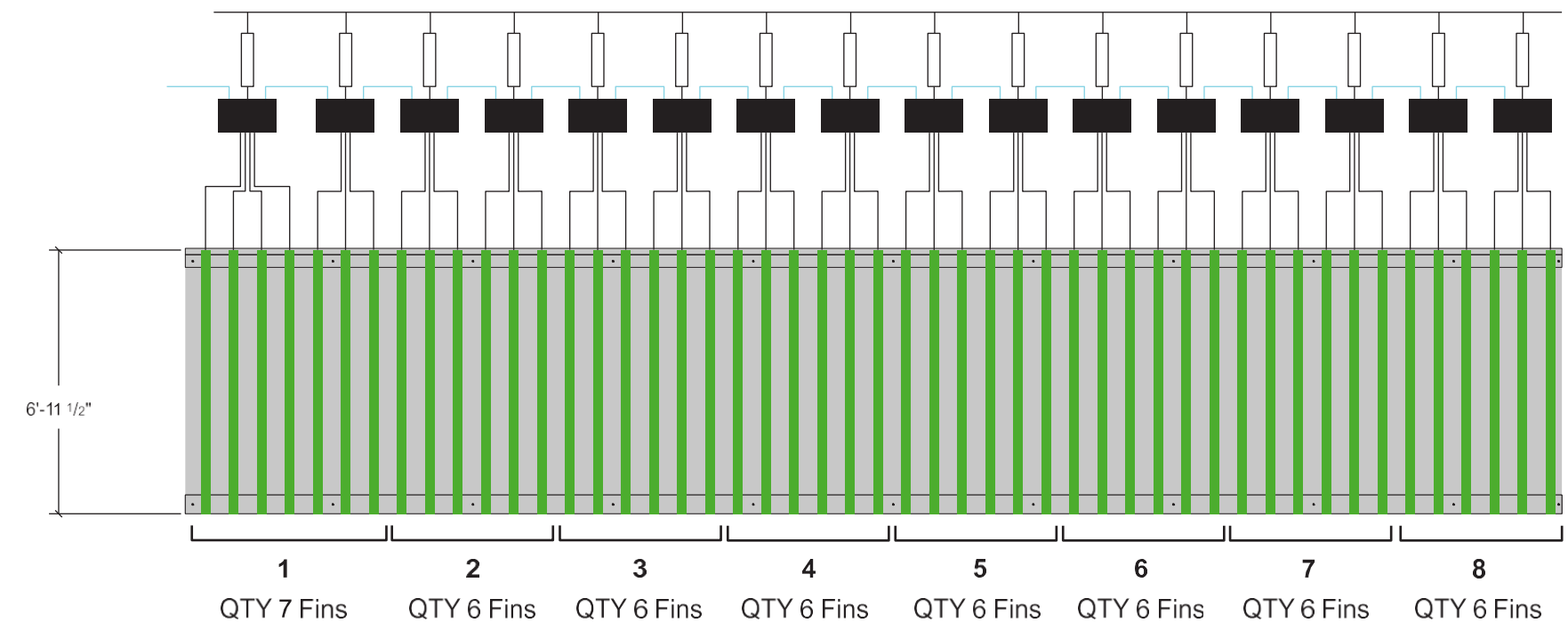
148100

(24X) ASU2-100-24U
 (24X) BTC-DXD-S218A-5CH
 (23X) BTW-CAT5-3FT

SEE FIG. 1



(16X) ASU2-100-24U
 (16X) BTC-DXD-S218A-5CH
 (15X) BTW-CAT-3FT



Supplier's Stamp
 This submittal has been approved by
 Image Resource Group, Inc.
 on 12/19/23 by W Hance

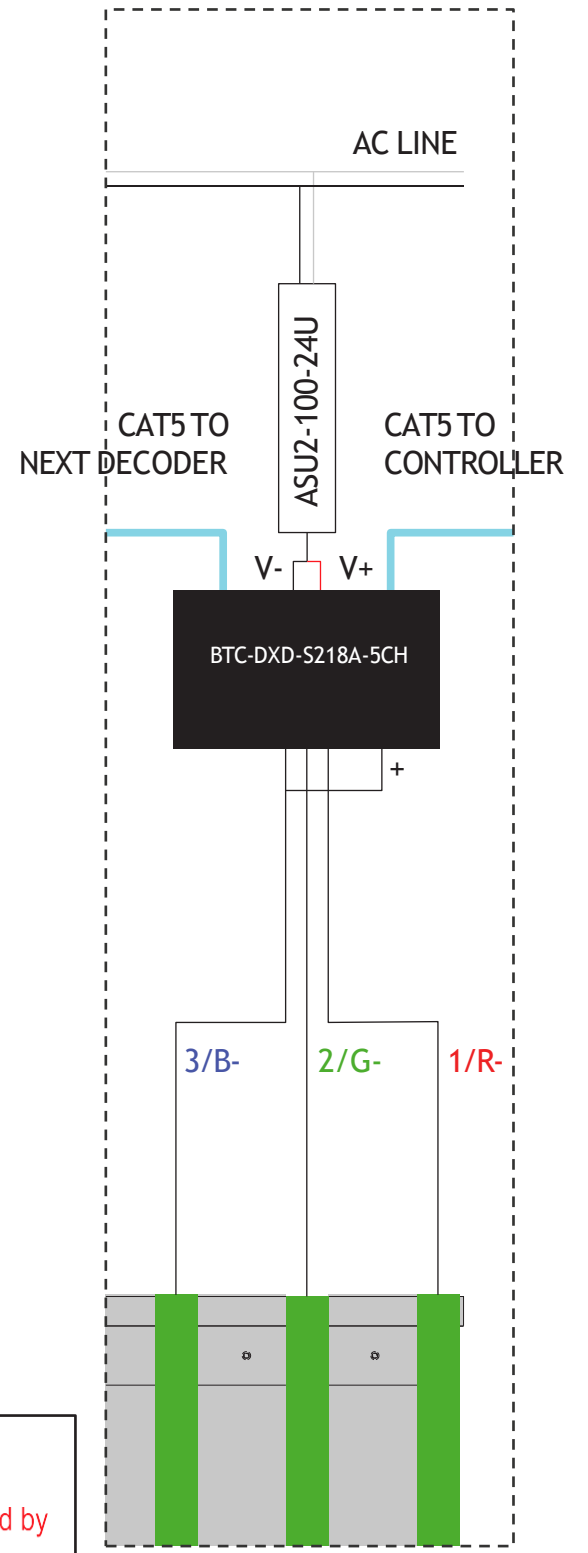


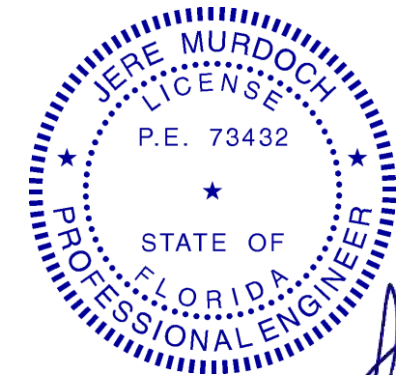
FIG. 1
 TYP. WIRING DETAIL (3 FINS)

PRELIMINARY DESIGNS - 48" HYPER SHIELD OPTION C - LED FAUX NEON

DESIGN SPECIFICATIONS

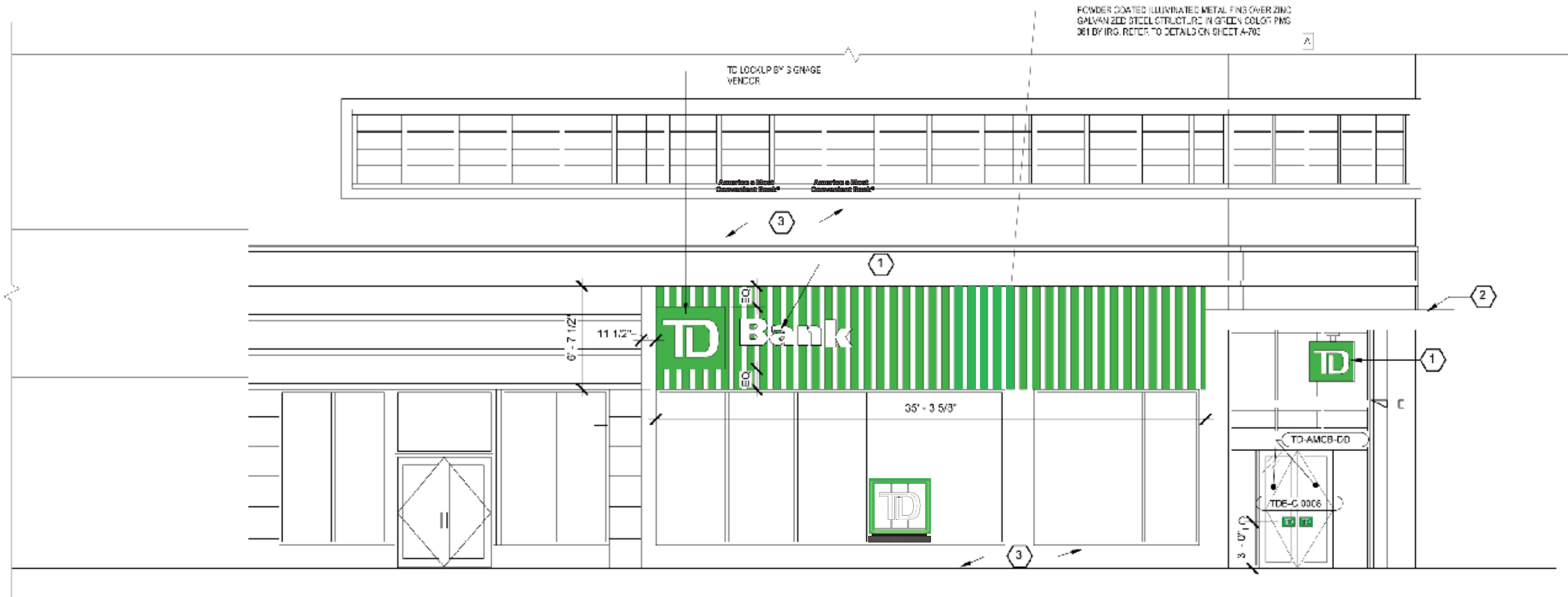
FL Building Code 2020 7th Edition
 ASCE 7-16 Minimum Design Loads for Buildings & Other Structures
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 ANSI/AISC 360-16 Specification for Structural Steel Buildings

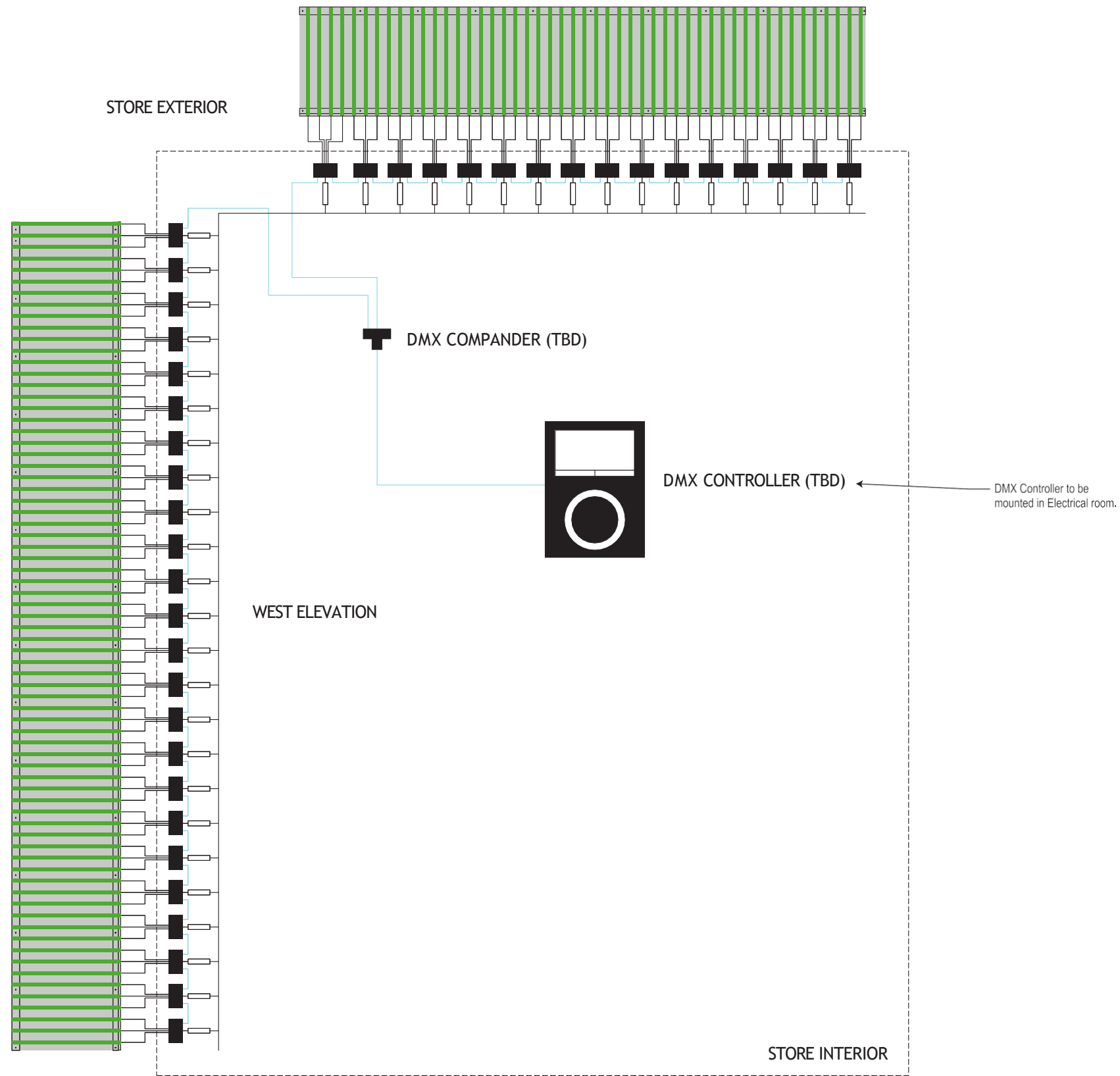
POWDER COATED ILLUMINATED METAL FINIS OVER ZINC GALVANIZED STEEL STRUCTURE IN GREEN COLOR PMS 061 BY IRG. REFER TO DETAILS ON SHEET A-703



MURDOCH ENGINEERING
 SIGN STRUCTURE PROFESSIONALS
 2399 A-2 NJ-34
 MANASQUAN, NJ 08736
 (973) 570-8715 x0
Jere Murdoch
Jere Murdoch, PE
 Professional Engineer
 FL PE Lic. #73432
 12/19/2023

FL Building Code 2020 7th Edition
 ASCE 7-16 Minimum Design Loads for Buildings & Other Structures
 ACI 318-14 Building Code Requirements for Structural Concrete
 ANSI/AISC 360-16 Specification for Structural Steel Buildings





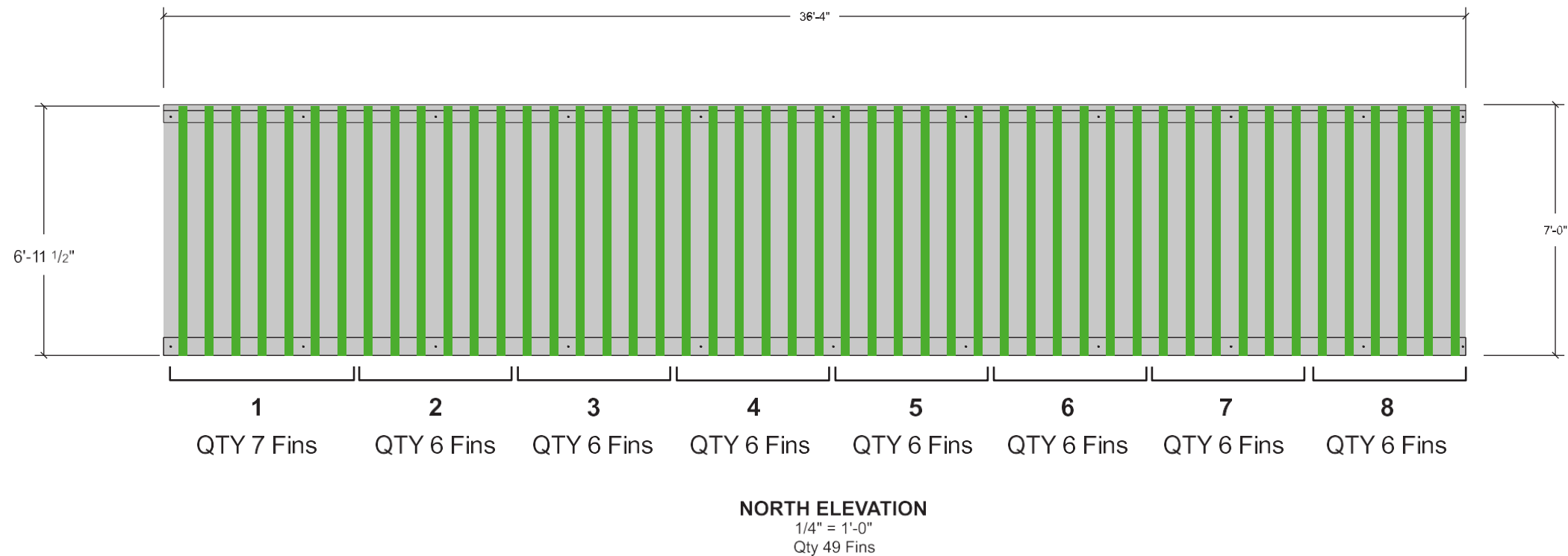
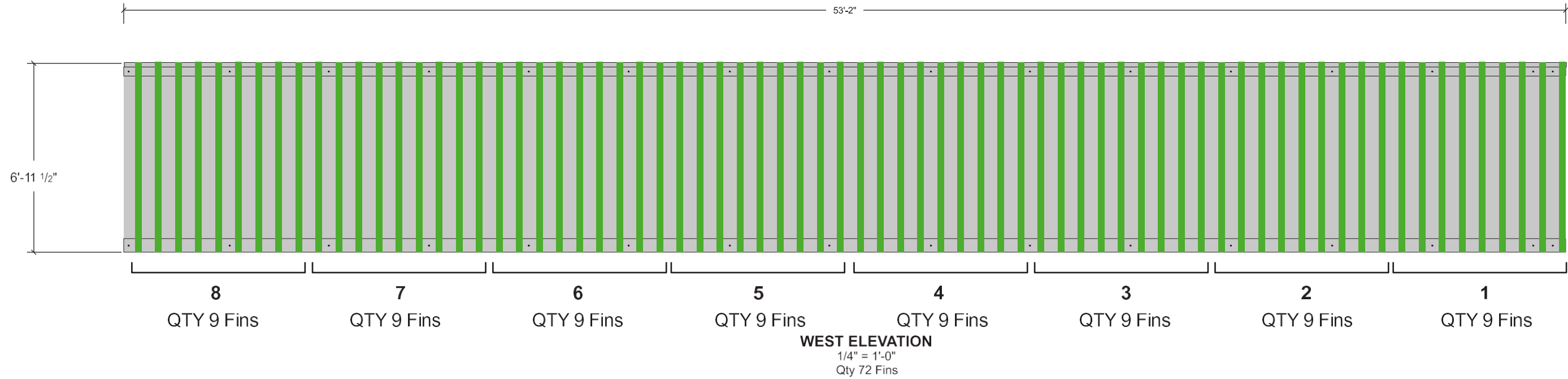
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This submittal has been approved by
Image Resource Group, Inc.

on 12/19/23 by W Hance

LIGHTING SCHEME

LIGHTING SCHEME: Fins will light at the same time on both elevations in 8 steps. North elevation, a qty of 6 fins (7 on the final grouping) will light, while a qty of 9 fins per section on the West Elevation will light. These will be programmed so the farthest groups from the entrance will light on both elevations at the same time, and drive the illumination towards the entrance.



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IMAGE RESOURCE GROUP
BRINGING DESIGN TO REALITY

130 PINNACLE POINT CT., SUITE 101
COLUMBIA, SC 29223
PHONE: 803-790-2121
FAX: 803-790-2125
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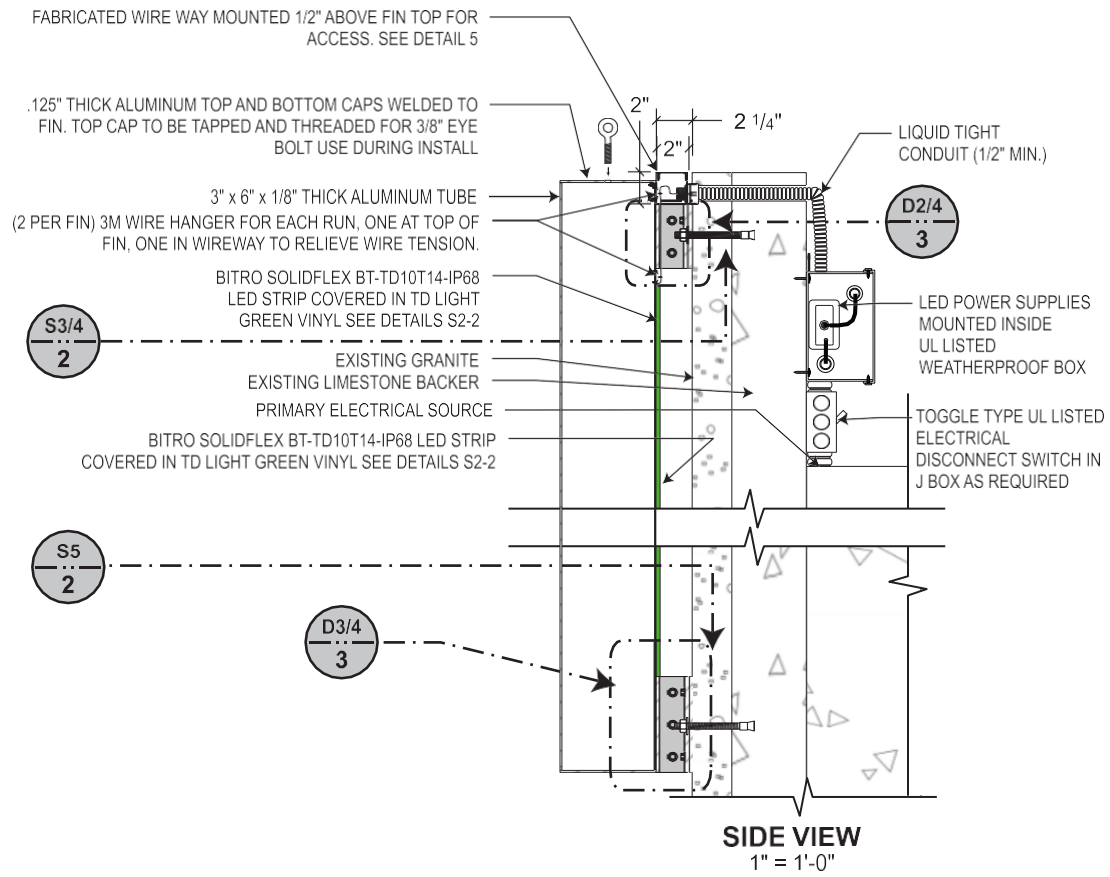
CLIENT:	TD Bank
LOCATION:	350 Lincoln Road, Miami Beach, FL
DRAFTED BY:	RKN
PROJECT MANAGER:	WHANCE

REVISIONS:	10-25-23 RKN Added attachment details 10-26-23 RKN Added existing wall detail.
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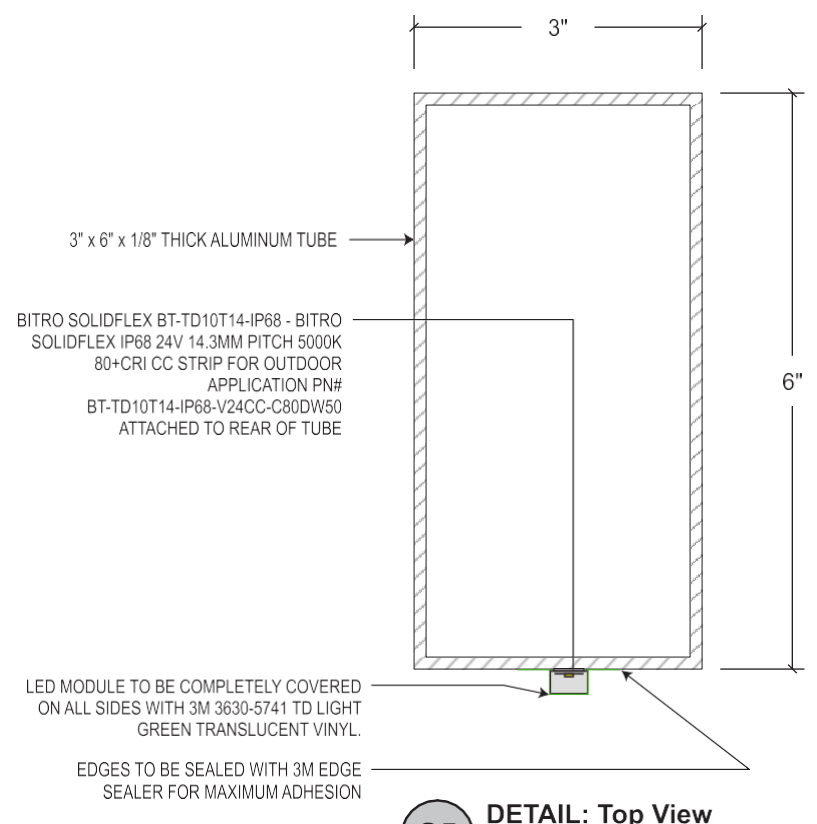
DRAWING NUMBER:		TDB-FINS	
SHEET:	5	OF:	7
DATE:	03-29-23	PAGE:	5

TDB-FINS

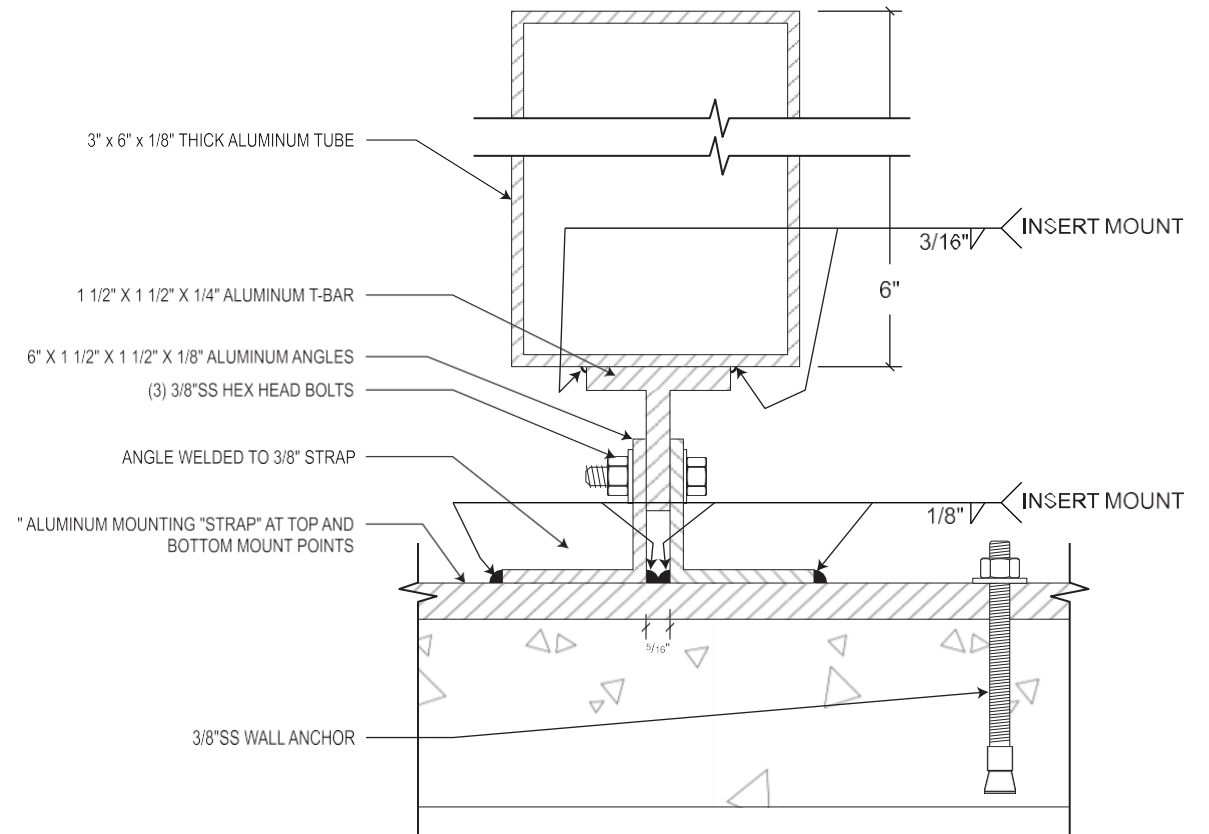
210.49 sq.ft
841-11 1/2 lf.



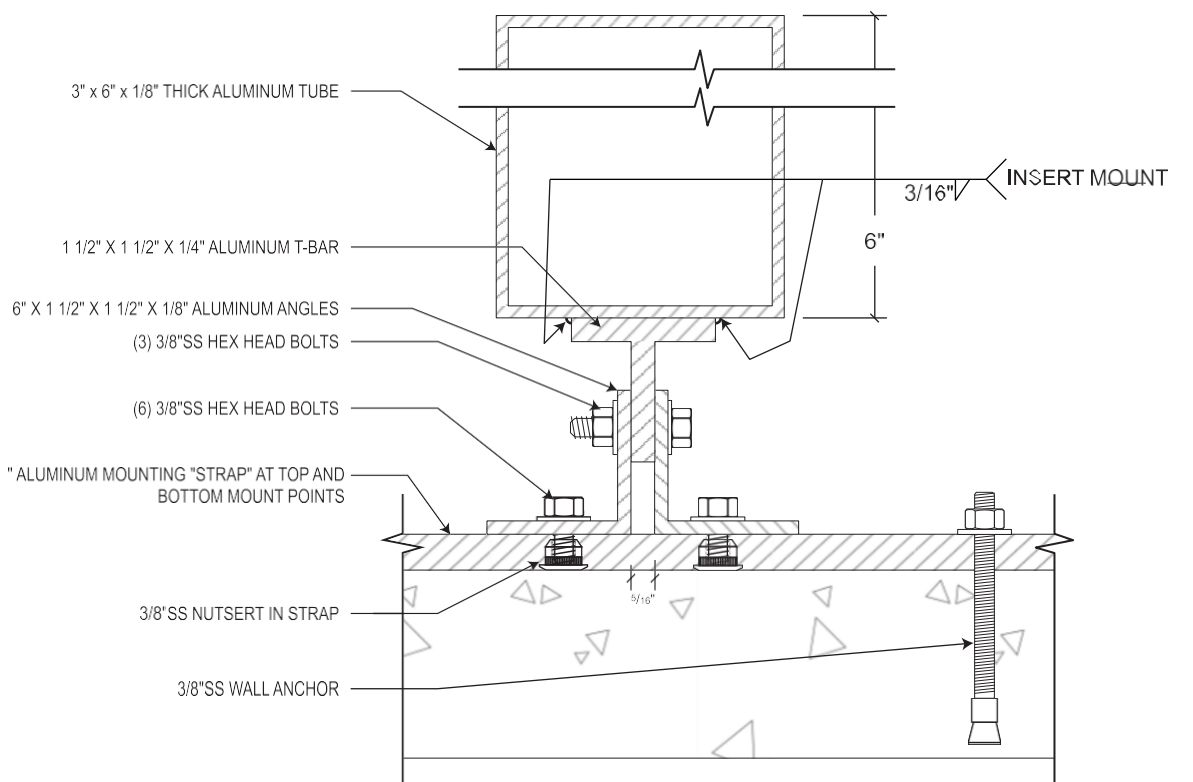
S1 DETAIL: Fin Section Greater than 5'-0" Tall
6" = 1'-0"



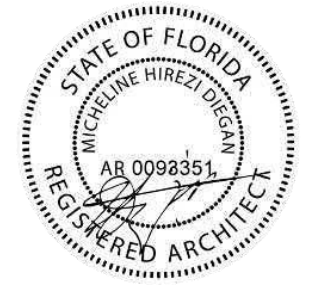
S5 DETAIL: Top View
6" = 1'-0"



S3 DETAIL: Welded Strap Mount
6" = 1'-0"



S4 DETAIL: Bolt Strap Mount
6" = 1'-0"



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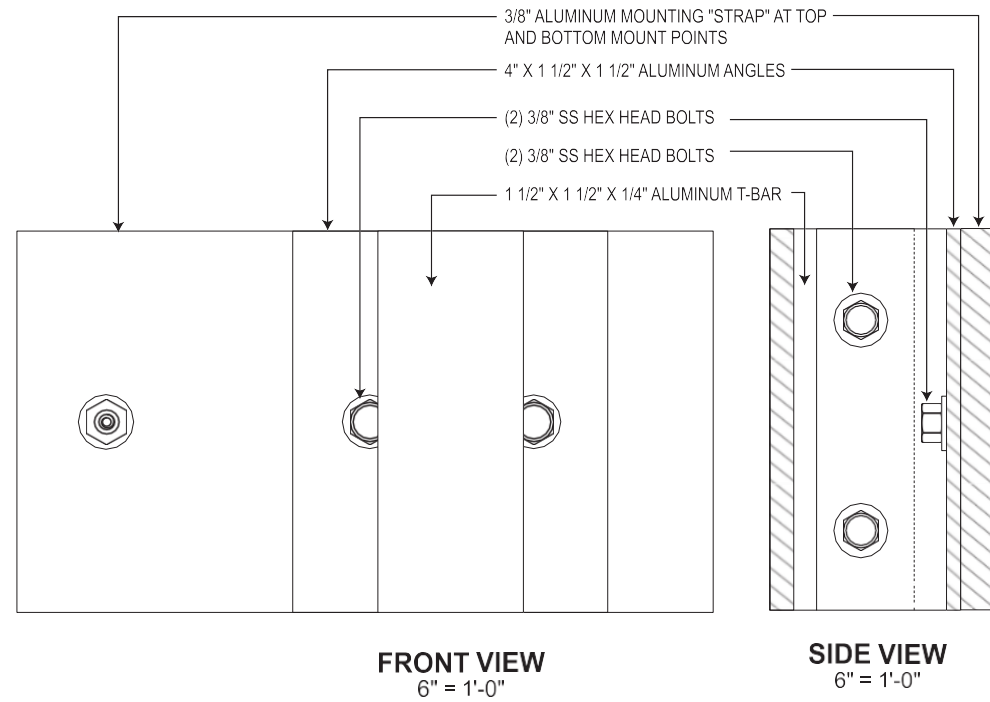
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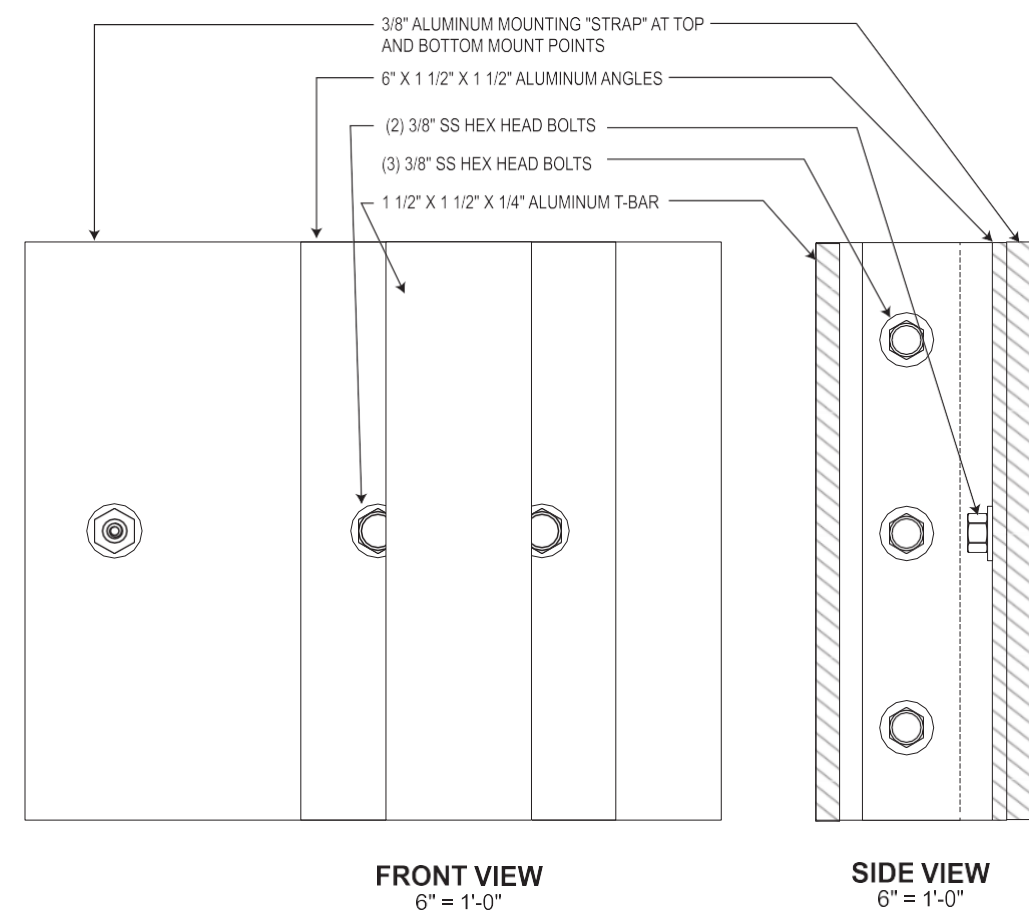
CLIENT:	TD Bank
LOCATION:	350 Lincoln Road, Miami Beach, FL
DRAFTED BY:	RKN
PROJECT MANAGER:	WHANCE

REVISIONS:	10-25-23 RKN Added attachment details 10-26-23 RKN Added existing wall detail.
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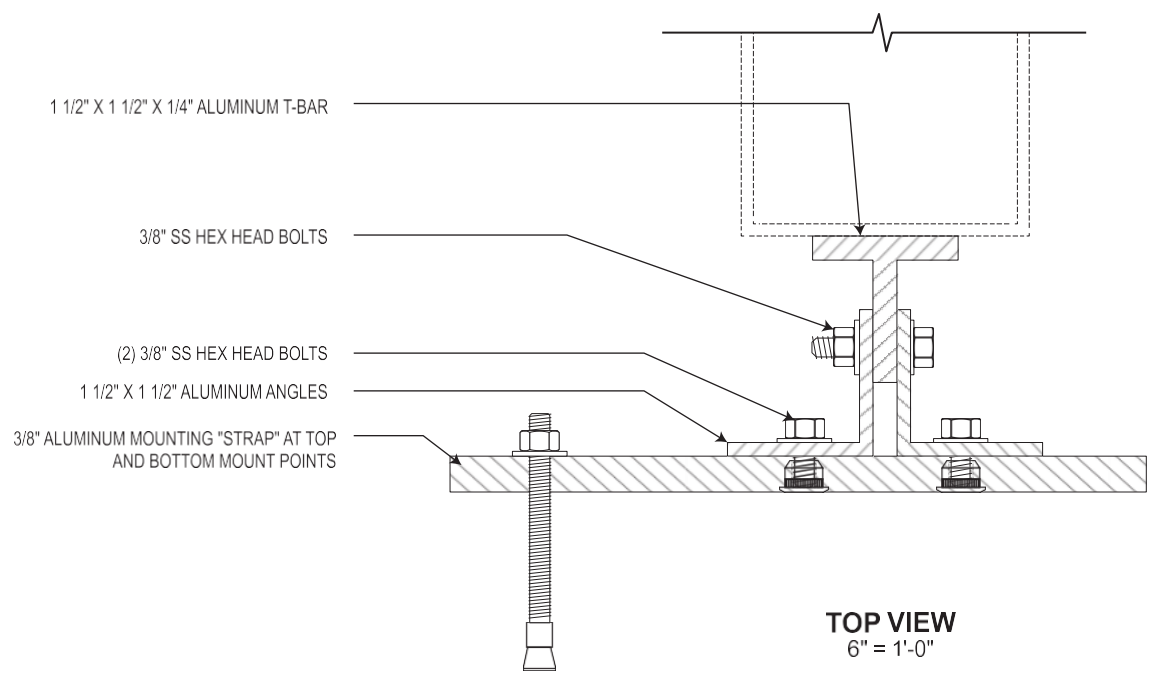
DRAWING NUMBER:	TDB-FINS
SHEET:	2 OF 7
DATE:	03-29-23 PAGE: 2



D2 DETAIL: 4" Mounting Bracket Side and Front View
6" = 1'-0"



D3 DETAIL: 6" Mounting Bracket Side and Front View
6" = 1'-0"



D4 DETAIL: Mounting Bracket Top View Typ
6" = 1'-0"



Supplier's Stamp

This submittal has been approved by
Image Resource Group, Inc.

on 12/19/23 by W Hance

Existing Wall Sign | LEAVE AS IS

Action:

- Leave existing illuminated wall sign as is.

Code:

Maximum area calculation: 0.75 square feet for every foot of linear frontage, with a minimum of 15 square feet permissible, regardless of linear frontage. Maximum area Max.: 100 square feet

Existing Sign: 22.4 Sq Ft



WEST ELEVATION



National Headquarters: 1077 West Blue Heron Blvd.
West Palm Beach, Florida 33404
800.772.7932
www.atlasbtw.com

Revisions:

...
...
...
...
...
...

Supplier's Stamp

This submittal has been approved by
Atlas Sign Industries

on 12/19/2023 by S Prouse

S03

PM: SJP

Drawn By: TLD

Date: 02.16.2023

Address: 350 Lincoln Rd

City State: Miami Beach, FL

Drawing Number:

148100

Existing Wall Sign | LEAVE AS IS

Action:

- Leave existing illuminated wall sign as is.

Code:

Maximum area calculation: 0.75 square feet for every foot of linear frontage, with a minimum of 15 square feet permissible, regardless of linear frontage. Maximum area Max.: 100 square feet

Existing Sign: 22.4 Sq Ft



NORTH ELEVATION



National Headquarters: 1077 West Blue Heron Blvd.
West Palm Beach, Florida 33404
800.772.7932
www.atlasbtw.com

Revisions:

...
...
...
...
...
...

Supplier's Stamp

This submittal has been approved by
Atlas Sign Industries

on 12/19/2023 by S Prouse

S04

PM: SJP

Drawn By: TLD

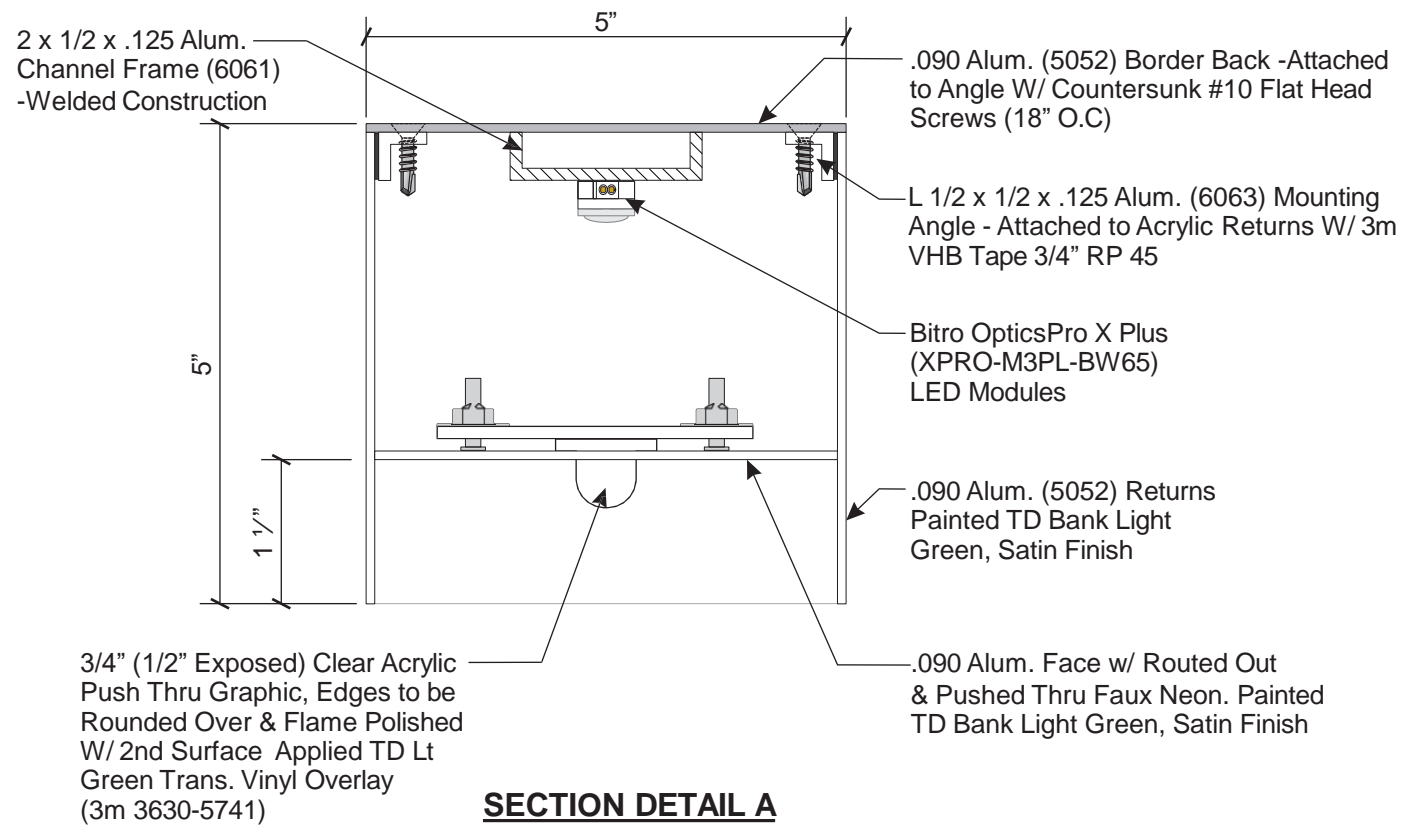
Date: 02.16.2023

Address: 350 Lincoln Rd

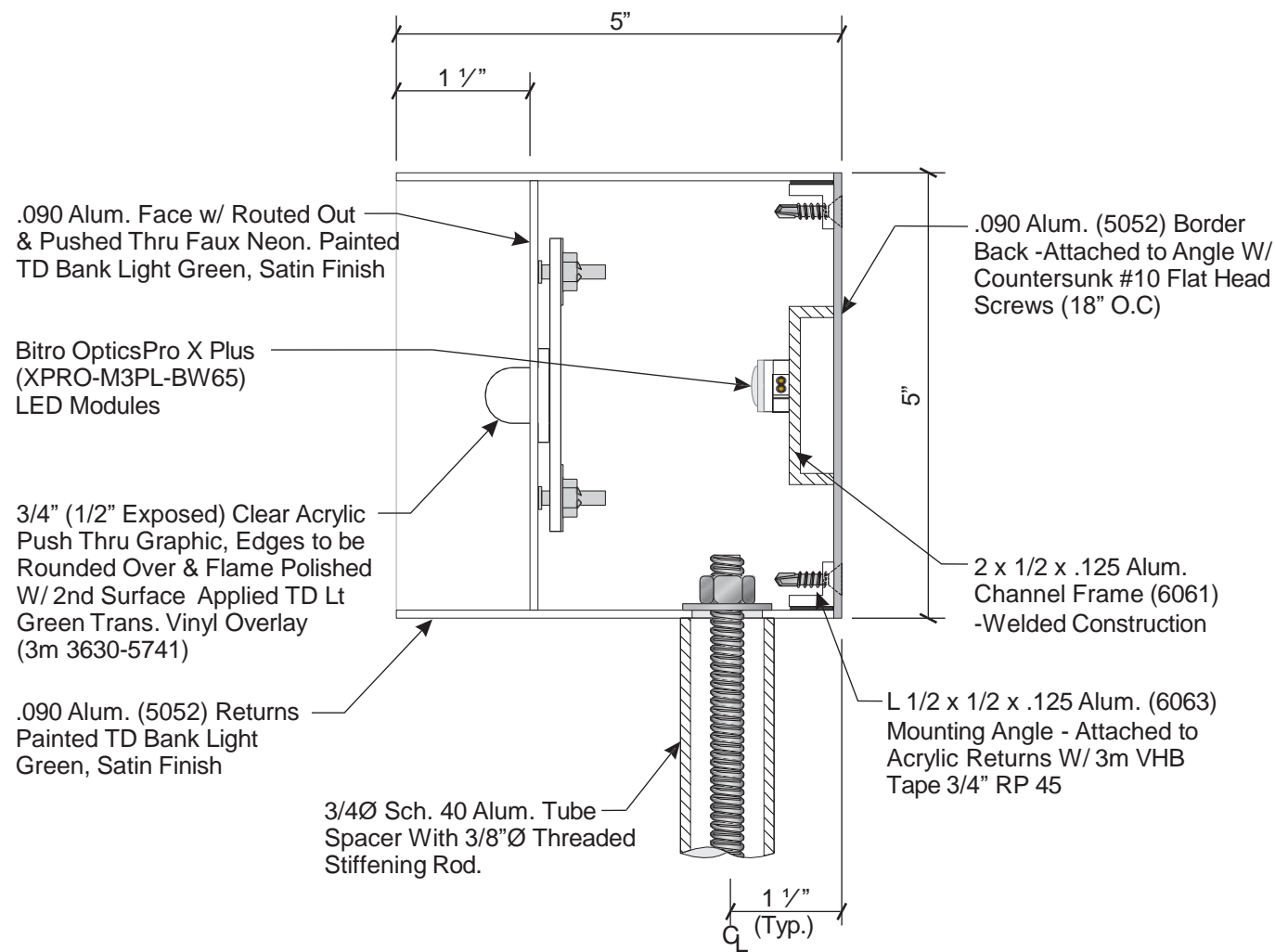
City State: Miami Beach, FL

Drawing Number:

148100



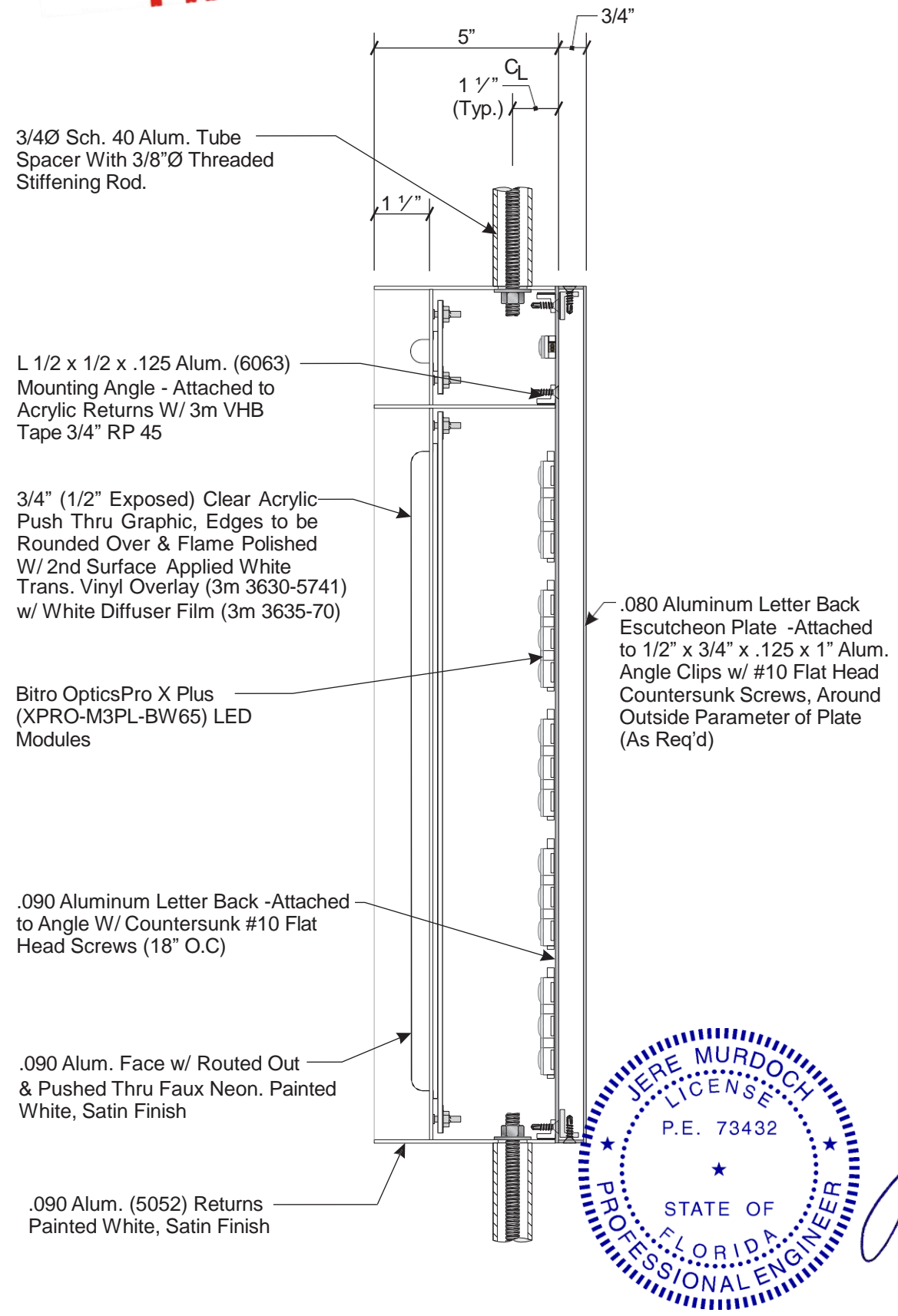
SECTION DETAIL A
HALF SCALE



SECTION DETAIL B
HALF SCALE

**PRELIMINARY
PRINT**

DESIGN SPECIFICATIONS	
FL Building Code 2020 7th Edition	
ASCE 7-16	Minimum Design Loads for Buildings & Other Structures
ACI 318-14	Building Code Requirements for Structural Concrete
ANSI/AISC 360-16	Specification for Structural Steel Buildings



SECTION DETAIL C
SCALE: 3" = 1'-0"



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Palmyra, New Jersey 08065

Phone: 856.829.1460
Fax: 856.829.8549
www.philadelphiasign.com

CUSTOMER:

TD BANK

JOB NUMBER:

TD_3811

SIGN TYPE:

HYPER SHIELD

LOCATION:

**350 LINCOLN ROAD
MIAMI BEACH, FL 33139**

DATE:

10/19/23

DRAWN BY:

RRR

REVISION:

Number: Date: By:

SHEET:

2 OF 2

ENG DEPT

DWG NUMBER:

B-106862

ENGINEER SEAL:

MURDOCH ENGINEERING
SIGN STRUCTURE PROFESSIONALS
2399 A-2 NJ-34
MANASQUAN, NJ 08736
(973) 570-8777 x0
Jere Murdoch 12/19/2023
Jere Murdoch, PE
Professional Engineer
FL PE Lic. #73432

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PREPARED FOR:



PHILADELPHIASIGN
BRINGING THE WORLD'S BRANDS TO LIFE

PROJECT TITLE:

TD Bank Signage

PROJECT ADDRESS:

350 Lincoln Road
Miami Beach FL 33139

DESIGN SPECIFICATIONS

FL Building Code 2020 7th Edition
ASCE 7-16 Minimum Design Loads for Buildings & Other Structures
ACI 318-14 Building Code Requirements for Structural Concrete
ANSI/AISC 360-16 Specification for Structural Steel Buildings

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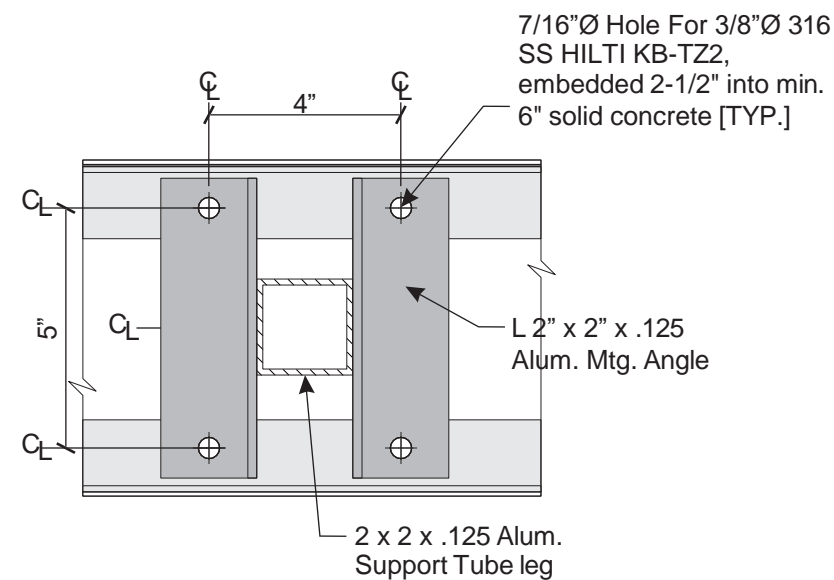
Jere Murdoch 12/19/2023
Jere Murdoch, PE
Professional Engineer
FL PE Lic. #73432

DWG TITLE:
BASE SECTION DETAILS

SHEET: **S.1** SIZE: **B**

ENGINEER'S NOTE:

MAINTAIN MIN. 6" CONCRETE COVERAGE AROUND ALL EMBEDDED ANCHORS VIF



MOUNTING DETAIL (2 PLACES)
SCALE: 3" = 1' 0"

Sch. 40 Alum. Tube Spacer With Threaded Stiffening Rod.

L 2 x 2 x .125 x 2" Alum. Angle Mounting Clip - Welded to Tube Frame

3 x 1/2 x .125 Alum. Channel Frame (6061) Mtg Leg -Welded Construction

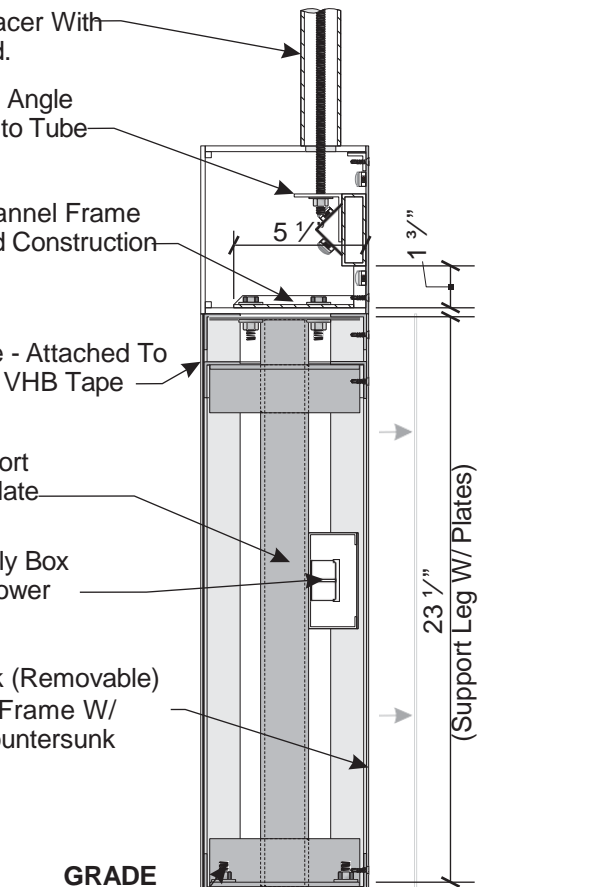
.090 Routed Alum. Face - Attached To Channel Frame W/ 3/4" VHB Tape (RP45)

2 x 2 x .125 Alum. Support Tube leg W/ .125 Mtg Plate

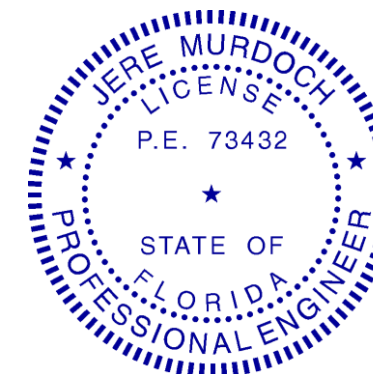
Bent Alum. Power Supply Box W/ (3) 122-60W Bitro Power Supply (ASU-60-12U)

.090 Routed Alum. Back (Removable) - Attached To Channel Frame W/ #10 x 3/4" Flat Head Countersunk Screw (18" O.C.)

3/8"Ø 316 SS HILTI KB-TZ2, embedded 2-1/2" into min. 6" solid concrete [TYP.]



BASE SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



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GENERAL:

- ALL MATERIALS AND WORK SHALL CONFORM TO THE REQUIREMENTS OF THE APPLICABLE INTERNATIONAL BUILDING CODE (IBC).
- CONSTRUCTION METHODS AND PROJECT SAFETY: DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE METHODS, PROCEDURES, OR SEQUENCE OF CONSTRUCTION. TAKE NECESSARY PRECAUTIONS TO MAINTAIN AND ENSURE THE INTEGRITY OF THE STRUCTURE DURING CONSTRUCTION. THE EOR WILL NOT ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT, AND MAINTAIN ALL SAFETY DEVICES AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS, AND REGULATIONS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS PRIOR TO THE START OF CONSTRUCTION AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES OR INCONSISTENCIES THAT ARE FOUND. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE DRAWINGS.
- ALL OMISSIONS AND/OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND FIELD INSPECTOR. THE ENGINEER SHALL PROVIDE A SOLUTION PRIOR TO PROCEEDING WITH ANY WORK AFFECTED BY THE CONFLICT OR OMISSION.
- WHERE NO CONSTRUCTION DETAILS ARE SHOWN OR NOTED FOR ANY PART OF THE WORK, CONSTRUCT IN ACCORDANCE WITH THE STEEL CONSTRUCTION MANUAL, 14TH EDITION OR 2010 ALUMINUM DESIGN MANUAL.
- WHEN A DETAIL IS IDENTIFIED AS TYPICAL, THE CONTRACTOR IS TO APPLY THIS DETAIL IN ESTIMATING AND CONSTRUCTION TO EVERY LIKE CONDITION WHETHER OR NOT THE REFERENCE IS REPEATED IN EVERY INSTANCE.
- ANY CHANGE TO THE DESIGN AS SHOWN ON THE DRAWINGS REQUIRES PRIOR WRITTEN APPROVAL FROM DESIGN ENGINEER OF RECORD BEFORE CONSTRUCTION.
- WORK PERFORMED IN CONFLICT WITH THE STRUCTURAL DRAWINGS OR APPLICABLE BUILDING CODE REQUIREMENTS SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
- VERIFICATION: VERIFY ALL DIMENSIONS, ELEVATIONS, AND SITE CONDITIONS BEFORE STARTING WORK. NOTIFY THE EOR IMMEDIATELY OF ANY DISCREPANCIES.

EXISTING CONDITIONS:

- IF EXISTING CONDITIONS ARE NOT AS DETAILED IN THIS DESIGN, THE INSTALLER SHALL CEASE WORK AND NOTIFY MURDOCH ENGINEERING IMMEDIATELY.
- MURDOCH ENGINEERING WILL NOT BE PERFORMING ON-SITE INSPECTIONS OR VERIFICATIONS. IT IS THE RESPONSIBILITY OF THE INSTALLER, STRUCTURE OWNER, AND PROPERTY OWNER TO IDENTIFY EXISTING CONDITIONS AND CONTACT MURDOCH ENGINEERING WITH ANY DISCREPANCIES OR CONCERNS.
- INSTALLER SHALL CONFIRM THE DIAMETER AND THICKNESS OF EXISTING MEMBERS AND NOTIFY MURDOCH ENGINEERING OF ANY DISCREPANCIES.
- INSTALLER SHALL INSPECT AND CONFIRM THE QUALITY OF EXISTING STRUCTURE AS "IN GOOD REPAIR". IF THERE ARE ANY INDICATIONS THAT THIS IS NOT THE CASE, INSTALLER SHALL CEASE WORK IMMEDIATELY AND NOTIFY MURDOCH ENGINEERING.
- ANY EXISTING INFORMATION SHOWN HAS BEEN FURNISHED BY THE PERSON(S) OR COMPANY THIS DOCUMENT WAS PREPARED FOR (SEE TITLE BLOCK). MURDOCH ENGINEERING IN NO WAY CERTIFIES THIS INFORMATION AS "AS-BUILT". IF THERE IS ANY REASON TO BELIEVE THE EXISTING CONDITIONS DETAILED HEREIN ARE NOT ACCURATE, MURDOCH ENGINEERING SHALL BE NOTIFIED IMMEDIATELY.

STEEL

- STEEL SHAPES SHALL CONFORM TO THE FOLLOWING:

ROUND HSS	ASTM A500, GR B	Fy=42 KSI MIN.
SQUARE/RECT HSS	ASTM A500, GR B	Fy=46 KSI MIN.
THREADED ROD	F1554 GR 55	Fy=55 KSI MIN.
STEEL PLATE STD.	ASTM A36 ASTM	Fy=36 KSI MIN.
PIPE	A53, GR B	Fy=35 KSI MIN.
- BOLTS SHALL CONFORM TO ASTM A325 UNO.
- BOLTS AND THREADED ROD SHALL BE HOT-DIP GALVANIZED PER ASTM F2329 UNO.
- ANCHOR BOLTS SHALL CONFORM TO ASTM F1554 UNO.
- NUTS SHALL CONFORM TO ASTM A563.
- WASHERS SHALL CONFORM TO ASTM F844.
- STEEL HARDWARE SHALL BE HOT-DIP GALVANIZED PER ASTM A153 UNO
- WELDING:
 - WELD STRUCTURAL STEEL IN COMPLIANCE WITH ANSI/AWS D1.1 AND AISC SPECIFICATION, CHAPTER J. WELDERS SHALL BE CERTIFIED AS REQUIRED BY GOVERNING CODE AUTHORITY. WELDING SHALL BE DONE BY ELECTRIC ARC PROCESS USING LOW-HYDROGEN ELECTRODES WITH SPECIFIED TENSILE STRENGTH NOT LESS THAN 70 KSI UNLESS NOTED OTHERWISE.
 - ALL SHOP AND FIELD WELDS SHALL BE PERFORMED BY AN AWS OR ICC CERTIFIED WELDER WITH ACTIVE STATUS AT TIME OF WELDING
 - UNLESS A LARGER WELD SIZE IS INDICATED, PROVIDE MINIMUM SIZE WELDS PER AISC SPECIFICATION, SECTION J2, TABLE J2.4
 - BASE PLATES SHALL BE WELDED ON TOP AND BOTTOM WITH CONTINUOUS WELDS OF AT LEAST 1/4" (IF PLATE IS CUT TO FIT TUBE INTO PLATE)

ALUMINUM:

- FABRICATE AND ERECT ALUMINUM IN COMPLIANCE WITH THE ALUMINUM ASSOCIATION (AA) 2010 ALUMINUM DESIGN MANUAL (ADM) 1, THE SPECIFICATIONS FOR ALUMINUM SHEET METAL WORK (ASM35), AND IBC CHAPTER 20.
- PIPE AND TUBE SHALL BE 6061-T6 PER ASTM B241 OR B429 WITH Ft_u=38 KSI MIN, Ft_y=35 KSI MIN, Ft_w=24 KSI MIN, Ft_{yw}=15 KSI MIN.
- STD STRUCTURAL PROFILES SHALL BE 6061-T6 PER B308 WITH Ft_u=38 KSI MIN, Ft_y=35 KSI MIN, Ft_w=24 KSI MIN, Ft_{yw}=15 KSI MIN.
- SHEET AND PLATE SHALL BE 6061-T6 PER ASTM B209 WITH Ft_u=42 KSI MIN, Ft_y=35 KSI MIN, Ft_w=24 KSI MIN, Ft_{yw}=15 KSI MIN.
- EXTRUSIONS SHALL BE 6061-T6 PER ASTM B241 OR B429 WITH Ft_u=38 KSI MIN, Ft_y=35 KSI MIN, Ft_w=24 KSI MIN, Ft_{yw}=15 KSI MIN.
- ALL SHOP AND FIELD WELDS SHALL BE PERFORMED BY AN AWS OR ICC CERTIFIED WELDER WITH CURRENT STATUS AT TIME OF WELDING
- UNLESS A LARGER WELD SIZE IS INDICATED, PROVIDE MINIMUM SIZE WELD PER ADM. ALL ALUMINUM WELDED JOINTS SHALL HAVE WELD SIZES OF AT LEAST 1/4 INCH
- FILLET WELDS SHALL NOT EXCEED THINNEST MEMBER WALL THICKNESS JOINED.
- ALUMINUM WELD FILLER SHALL BE 5356 ALLOY
- WELDING PROCESS GMAW OR GTAW SHALL BE IN ACCORDANCE WITH AWS D1.2
- ALUMINUM CHANNEL LETTERS SHALL BE CONSTRUCTED OF 0.090" RETURNS AND 0.125" BACKS MINIMUM, UNLESS A LARGER SIZE IS INDICATED ON DRAWINGS. THIS NOTE SHALL SUPERCEDE DRAWING DETAILS.
- PROVIDE NEOPRENE GASKET BETWEEN DISSIMILAR METALS TO PREVENT GALVANIC CORROSION
- ALUMINUM DIRECTLY EMBEDDED INTO CONCRETE SHALL BE CAPPED AT BOTTOM AND COATED WITH BITUMINOUS COATING OR POLYURETHANE WHERE IN CONTACT WITH CONCRETE.
- FASTENERS BETWEEN DISSIMILAR METALS SHALL BE STAINLESS STEEL 316.

SCOPE OF WORK:

- LIMITS OF LIABILITY TO EXTEND ONLY TO THE QUANTITY INDICATED. ATTEMPTS IN PART OR IN WHOLE TO INSTALL GREATER QUANTITIES THAN THOSE SPECIFIED WITHOUT CONSULTING MURDOCH ENGINEERING SHALL VOID ALL PROFESSIONAL LIABILITY AND COVERAGE.

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(973) 570-8215
2399 NJ-34 A-2
Manasquan, NJ 08736

PREPARED FOR:



PHILADELPHIASIGN
BRINGING THE WORLD'S BRANDS TO LIFE

PROJECT TITLE:
TD Bank Signage

PROJECT ADDRESS:
350 Lincoln Road
Miami Beach FL 33139

DESIGN SPECIFICATIONS

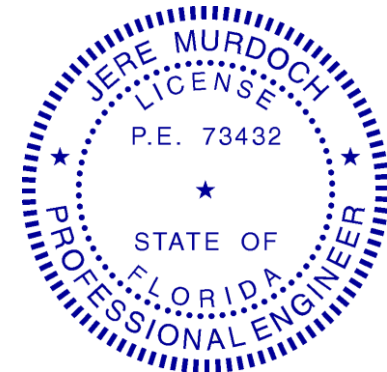
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(973) 570-8215 x0

12/19/2023

Jere Murdoch, PE
Professional Engineer
FL PE Lic. #73432



DWG TITLE:
GENERAL NOTES

SHEET: S.2	SIZE: B
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