

6200 SW 123RD TERRACE

6200 SW 123RD TERRACE,
MIAMI, FL 33156, USA
MISC. SHOP DWGS

- ☒ NO EXCEPTIONS TAKEN
- ☐ REJECTED
- ☐ MAKE CORRECTIONS AS NOTED
- ☐ SUBMIT SPECIFIED ITEM
- ☐ REVIEW AND RESUBMIT
- ☐ NOT REVIEWED

Submittal is reviewed only as to general conformity with design concept of the project and general compliance with the information given in the Contract Documents. Corrections and or comments made as part of this submittal review do not relieve contractor of responsibility from conformance with the Contract Documents, applicable codes, and laws- all of which have priority over this submittal. The design professional does not warrant or represent that the information within the submittal is either accurate or complete. Sole responsibility for correct design, details, and dimensions shall remain with the party providing the submittal. Contractor is responsible for all dimensions, quantities and performance requirements to be confirmed and correlated at the job site;for all information that pertains solely to the fabrication process or to techniques of construction;for all coordination of the work of all trades; for assuring consistency with the Contract Documents; and for performing the work in a safe and satisfactory manner.

FAO ARCHITECTURE, LLC.

Reviewed by: FAO Date: 9-25-25



4919 SW 75th AVE
Miami, FL 33155
(305) 378-0066

Review is for general conformance with contract documents. Sole responsibility for correctness of dimensions, details, quantities and safety during fabrication and erection shall remain with the Subcontractor. Sub to notify GC if discrepancies arise and/or if coordination is required with other trades.

APPROVED

By Alexander P Becerra at 2:36 pm, Sep 22, 2025

Reviewed by: _____

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CITY STAMP:



PROJECT NAME:
6200 SW 123RD TERRACE

JOB No.: 25-0925 | VERSION: 06 | DATE: 9/19/2025

LOCATION: 6200 SW 123RD TERRACE, MIAMI, FL 33156, USA

CLIENT:
NORWAY BUILDERS LLC

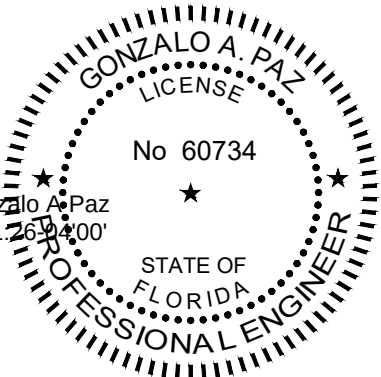
PM: MARIO MORALES | DRAWN BY: G.R.S.

DESIGNED BY: M.M.L. | CHECKED BY: GONZALO A. PAZ

No.	DESCRIPTION	DATE	APP'D

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Digitally signed by Gonzalo A. Paz
Date: 2025.09.29 11:31:26 -0400'

9/19/2025

GONZALO A. PAZ, PE. (Lic No-60734)

CERTIFICATE OF AUTHORIZATION No. 26655

SHEET NAME:
COVER PAGE

X-0.0

GENERAL NOTES:

- (*) IF APPLICABLE.
1. ALL WORK SHALL CONFORM TO FLORIDA BUILDING CODE 2023.
2. IT IS THE INTENT OF THESE DRAWINGS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE DRAWINGS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
3. (*) EXISTING UTILITIES SHOWN ARE BASED ON INFORMATION SUPPLIED BY OTHERS. IT SHALL BE THE CONTRACTOR’S RESPONSIBILITY TO MEET WITH ALL APPLICABLE UTILITY COMPANIES TO VERIFY ALL UNDER– GROUND FACILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION.
4. (*) ALL EXCAVATIONS SHALL PROCEED WITH EXTREME CAUTION AT ALL TIMES. IN THE EVENT THAT EXISTING UTILITIES ARE DAMAGED, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR REPLACE ALL DAMAGES.
5. THIS WORK REQUIRES A BUILDING PERMIT. DO NOT BEGIN WORKING UNTIL A BUILDING PERMIT IS OBTAINED.
6. CONTRACTOR IS TO FURNISH ALL LABOR, MATERIALS, SERVICES AND EQUIPMENT NECESSARY TO COMPLETE ALL WORK SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN.
7. DO NOT SCALE DRAWINGS, DIMENSIONS GOVERN.
8. ENGINEERS’ VISITS TO THE SITE, AS PER G.C OR OWNER’S REQUEST DURING CONSTRUCTION SHALL BE SCHEDULED WITHIN 24 HOURS PRIOR TO INSPECTION.
9. THE CONTRACTOR SHALL MAKE REQUIRED ARRANGEMENTS, SECURE AND PAY FOR ALL BARRICADES, ENCLOSURES, AND FENCING AS NEEDED FOR AND DURING THE PROGRESS TO PROTECT ADJACENT PROPERTIES.
10. THE CONTRACTOR SHALL NOT PROCEED WITH ANY ADDITIONAL SERVICES OR WORK WITHOUT PRIOR NOTIFICATION TO THE OWNER.
11. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS AND METHODS CONSTRUCTION, AND FOR THE SEQUENCES AND PROCEDURES TO BE USED.
12. (*) EXISTING GRADES WERE TAKEN FROM THE BEST AVAILABLE DATA AND MAY NOT ACCURATELY REFLECT PRESENT CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING WITH CURRENT SITE CONDITIONS AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO STARTING WORK.
13. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE JOB SITE. ANY DISCREPANCIES BETWEEN PLANS, SECTIONS AND DETAILS OR THE APPLICABLE CODES OR REGULATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER DURING BIDDING OR BEFORE WORK BEGINS IN ORDER TO CLARIFY THE REQUIREMENTS AND TO EFFECT THE NECESSARY MODIFICATIONS, CHANGES AND /OR INSTRUCTIONS.
14. CONTRACTOR TO VERIFY THE LOCATION OF ANY EXISTING UTILITY LINE AND IMPROVEMENTS AND SHALL BE RESPONSIBLE FOR REPAIRS FOR ANY DAMAGE AS A RESULT OF THE WORK.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTNG ALL DISTURBED EXISTING CONDITIONS AND PROPER DISPOSAL OF ANY EXTRA MATERIALS & GARBAGE FROM THE SITE AFTER COMPLETION OF WORK.
16. DRAWINGS AND DIMENSIONS ARE BASED UPON DRAWINGS SUPPLIED BY THE CLIENT. EASTERN ENGINEERING GROUP WILL NOT BE RESPONSIBLE FOR ERRORS OR MISINTERPRETATIONS OF THE SYSTEM DESIGNED BY US BASED ON CLIENT CONFIRMED DESIGN AND DIMENSIONS. ADDITIONAL DRAFTING TIME EMPLOYED IN THE CHANGE OF THE DESIGN AFTER SIGNING AND SEALING OF DRAWINGS WILL RESULT IN ADDITIONAL COST.
17. DO NOT SUBSTITUTE MATERIALS, EQUIPMENTS OR METHODS OF CONSTRUCTION UNLESS SUCH SUBSTITUTIONS OR CHANGES HAVE BEEN APPROVED IN WRITING BY THE OWNER.

19. (*) ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
20. EASTERN ENGINEERING GROUP SHALL NOT BE LEGALLY RESPONSIBLE FOR THE STRUCTURAL DESIGN OF ANY COMPONENT AND/OR PRODUCT USED IN OUR PROJECTS WHICH HAS BEEN PREVIOUSLY GRANTED A PATENT OR COPYRIGHT. THE CONFIRMATION OF INTELLECTUAL PROPERTY OWNERSHIP IS BEYOND OUR SCOPE AS STRUCTURAL ENGINEERS AND SHALL BE THE SOLE RESPONSIBILITY OF OUR CLIENT.
21. EASTERN ENGINEERING GROUP HAS EXCLUSIVELY DESIGNED THE STRUCTURE AND/OR BUILDING COMPONENTS IN COMPLIANCE WITH THE APPLICABLE EDITION OF THE FLORIDA BUILDING CODE AND DESIGN STANDARDS FOR STRUCTURAL REQUIREMENTS ONLY. THE EXISTING STRUCTURE MUST SUPPORT THE LOADS IMPOSED BY THE SYSTEM OR SYSTEMS. ENGINEER ON RECORD OF THE BUILDING OR CERTIFIED PROFESSIONAL ENGINEER SHALL VERIFY THE STRUCTURE FOR SUCH LOADINGS.
22. STRUCTURAL ELEMENTS WILL BE AS DESIGNED BY THE EASTERN ENGINEERING GROUP AND AS APPROVED BY ARCHITECT AND/OR OWNERS, TO CONFORM GENERALLY WITH THE ARCHITECTURAL DRAWING AND SPECIFICATIONS.
23. CONTRACTOR SHALL CONSIDER ALL ARCHITECTURAL FINISHES, INCLUDING FLOOR FINISHES, WHETHER INDICATED OR NOT ON STRUCTURAL DRAWINGS, FOR INSTALLATION AND DIMENSIONAL COORDINATION. FINAL ELEVATIONS AND DIMENSIONS SHALL BE VERIFIED BASED ON FINISHED FLOOR LEVELS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL ELEVATIONS PRIOR TO FABRICATION
24. FLORIDA BUILDING CODE, 2023 EDITION LOADS:

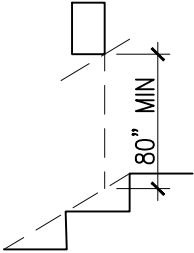
RAILING:

P=CONCENTRATED LOAD OF 200 # IN ANY DIRECTION AT ANY PLACE OF TOP MEMBER.
W= DISTURB. LOAD OF 50 PLF AT TOP MEMBER (NOT APPLICABLE FOR RESIDENTIAL APPLICATIONS)
WIND LOAD AS PER ASCE 7–22
KD=0.85, CATEGORY 2

STAIRS

DL=DISTRIBUTED LOAD 45 PSF
LL=DISTRIBUTED LOAD 40 PSF (ONE–AND TWO–FAMILY DWELLINGS, FBC 2023 TABLE 1607.1)
OR 300# CONC. IN 4SQ–IN

25. (*) THE EXISTING STRUCTURE MUST SUPPORT THE LOADS IMPOSED BY THE SYSTEM OR SYSTEMS. ENGINEER ON RECORD OF THE BUILDING OR FLORIDA PROFESSIONAL ENGINEER SHALL VERIFY THE STRUCTURE FOR SUCH LOADINGS. THIS SHOP DRAWINGS DOES NOT COVER THE EXISTING STRUCTURE.
26. THE QUANTITIES AND DIMENSIONS SHOWN ON THE DRAWINGS ARE BASED ON THE ARCHITECTURAL DRAWINGS.
27. ALL DIMENSIONS TO BE VERIFIED.
28. STAIRWAYS SHALL HAVE A HEADROOM CLEARANCE OF NOT LESS THAN 80 INCHES MEASURED VERTICALLY FROM A LINE CONNECTING THE EDGE OF THE NOSINGS. SUCH HEADROOM SHALL BE CONTINUOUS ABOVE THE STAIRWAY TO THE POINT WHERE THE LINE INTERSECTS THE LANDING BELOW, ONE TREAD DEPTH BEYOND THE BOTTOM RISER. THE MINIMUM CLEARANCE SHALL BE MAINTAINED THE FULL WIDTH OF THE STAIRWAY AND LANDING. G.C. SHALL VERIFY HEADROOM REQUIREMENTS AS SHOWN BELOW. CONTACT A.O.R. OR E.O.R IN CASE EXIST. COND. DO NOT COMPLY WITH THIS REQUIREMENTS.



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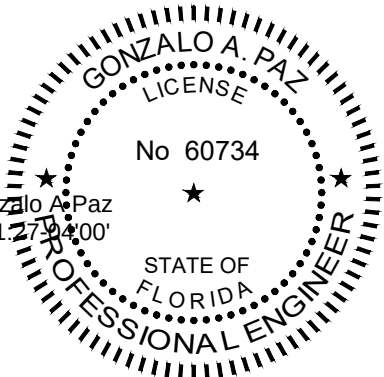
PM: MARIO MORALES | DRAWN BY: G.R.S.

DESIGNED BY: M.M.L. | CHECKED BY: GONZALO A. PAZ

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9/19/2025

GONZALO A. PAZ, PE. (Lic No-60734)

CERTIFICATE OF AUTHORIZATION No. 26655

SHEET NAME:
GENERAL NOTES

30. CONTRACTOR SHALL FIELD VERIFY (BY X-RAY) LOCATION OF EXISTING CABLES INTO EXISTING CONCRETE SLAB PRIOR INSTALLATION (IF APPLICABLE)

LEGEND

- D.E.O.R.-(DESIGNERS OF RECORD.)
- A.O.R.-(ARCHITECT OF RECORD.)
- S.E.O.R.-(STRUCTURAL ENGINEER OF RECORD.)
- F.F.-(FINISH FLOOR.)
- A.F.F.-(ABOVE FINISH FLOOR.)
- F.T.F.-(FINISH TO FINISH.)
- E.D.-(EDGE DISTANCE.)
- S.S.-(STAINLESS STEEL.)
- HSS-(HOLLOW STRUCTURAL SECTION.)
- O.D.-(OUTSIDE DIAMETER.)
- I.D.-(INSIDE DIAMETER.)
- THK-(THICKNESS.)
- RT-(RECTANGULAR TUBE.)

STAINLESS STEEL

- 1. STEEL SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATION:
ALL ROLLED SHAPES: STIFFENER, PLATES, CHANNELS ANGLES, PLATES AND BARS.
ASCE/SEI 8-02; ASTM A240/240M-(2015b); A611

STRONG AND WEAK AXIS ALLOWABLE STRESS:
FB=18000 PSI, FV=12000 PSI FOR (S30400 SS) FY=30KSI E=28000KSI

- 2. WELDING:

ALL WELDING IS TO BE PERFORMED BY CERTIFIED WELDERS. ELECTRODES TO BE AWS E309 OR E318.

WELD E309 OR E318.....80 KSI (TENSILE STRENGTHS)

ALL FIELD WELDING SHALL BE INSPECTED BY AN INDEPENDENT TESTING LABORATORY RETAINED BY THE OWNER. ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD CODE FOR WELDING BUILDING CONSTRUCTION IN ACCORDANCE TO THE AMERICAN WELDING SOCIETY.

- 3. ALL CONNECTIONS TO BE WELDED USE 3/16” MIN. WELD SIZE, TYPICAL U.N.O.

STRUCTURAL STEEL

- 1. STRUCTURAL STEEL HAS BEEN DESIGNED IN ACCORDANCE WITH THE BUILDING CODE AND AISC SPECIFICATIONS 15TH EDITION.
- 2. STRUCTURAL STEEL SHALL MEET THE FOLLOWING REQUIREMENTS UNLESS NOTED OTHERWISE ON THE DRAWINGS:

TYPE	ASTM	GRADE	FY
ALL OTHER STANDARD STEEL SHAPES	A36	-----	36.0 KSI
STRUCTURAL TUBING RECTANGULAR HSS	A500	B	46.0 KSI
ANCHOR BOLTS	A307	-----	-----
BOLTED CONNECTIONS	A325-N	-----	-----

- 3. ALL WELDING SHALL BE IN ACCORDANCE WITH LATEST AWS CODE. ALL WELDS SHALL USE E70XX ELECTRODES.
- 4. WELDING SHALL BE TOUCHED UP WITH ZINC BASE RUST INHIBITING PAINT AFTER WELDING HAS TAKEN PLACE.
- 5. ALL CONNECTIONS TO BE WELDED USE 3/16” MIN. WELD SIZE, TYPICAL U.N.O.
- 6. PAINT STEEL HOT GALVANIZED SURFACES IN CONTACT WITH CONCRETE WITH ALKALI-RESISTANCE COATINGS, SUCH AS HEAVY-BODIED BITUMINOUS PAINT OR WEATHER-WHITE METHACRYLATE LACQUER. STEEL IN CONTACT WITH ALUMINUM SHALL BE PAINED WITH 850-Y-01 FAST DRY ZINC PHOSPHATE.
- 7. STEEL SYSTEMS USED IN EXTERIOR APPLICATIONS AND/OR EXPOSED TO ADVERSE CONDITIONS MUST BE PROPERLY AND REGULARLY MAINTAINED TO MINIMIZE CORROSION WHICH CAN RESULT IN EVENTUAL STRUCTURAL FAILURE.

- 8. QUANTITIES AND DIMENSIONS SHOWN ON THE DRAWINGS ARE BASED ON THE ARCHITECTURAL DRAWINGS.

ALUMINUM

- 1. ALUMINUM SHALL MEET THE FOLLOWING REQUIREMENTS UNLESS NOTED OTHERWISE ON THE DRAWINGS:

TYPE	Fb	Fb(WELDED)	Fv	Fv(WELDED)
6063-T5(TUBES & SHAPES)	9.5 KSI	4.8 KSI	5.5 KSI	2.8 KSI
6061-T6(TUBES & SHAPES)	19.0 KSI	9.0 KSI	12.0 KSI	5.0 KSI

- 2. WELDING: ALUMINUM ALLOY 5356. CLEANING: SSPC-SP2 "HAND TOOL CLEANING".
- 3. PAINT ALUMINUM AND STEEL HOT GALVANIZED SURFACES IN CONTACT WITH CONCRETE WITH ALKALI-RESISTANT COATINGS, SUCH AS HEAVY-BODIED BITUMINOUS PAINT OR WATER-WHITE METHACRYLATE LACQUER.
- 4. ISOLATE DISSIMILAR MATERIALS WITH ALKALI-RESISTANT COATINGS, SUCH AS HEAVY-BODIED BITUMINOUS PAINT OR WATER-WHITE METHACRYLATE LACQUER.

GLASS

- 1. ALL GLASS IN THIS PROJECT WILL BE SAFETY GLASS ACCORDING TO FBC 2023- SECTION 2407.1
- 2. LAMINATED GLASS 9/16. COMPOSED OF (2) 1/4” FULLY TEMPERED GLASS WITH 0.060 SENTRY GLASS PLUS INTERLAYER FILM.
- 3. FULLY TEMPERED GLASS AND LAMINATED GLASS SHALL COMPLY WITH CATEGORY II OF CPSC 16 CFR 1201 OR CLASS A OF ANSI Z97.1, LISTED IN CHAPTER 35.ANSI Z97.1.

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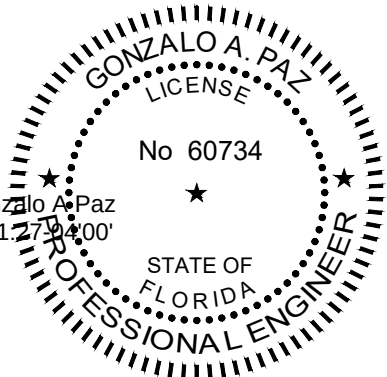
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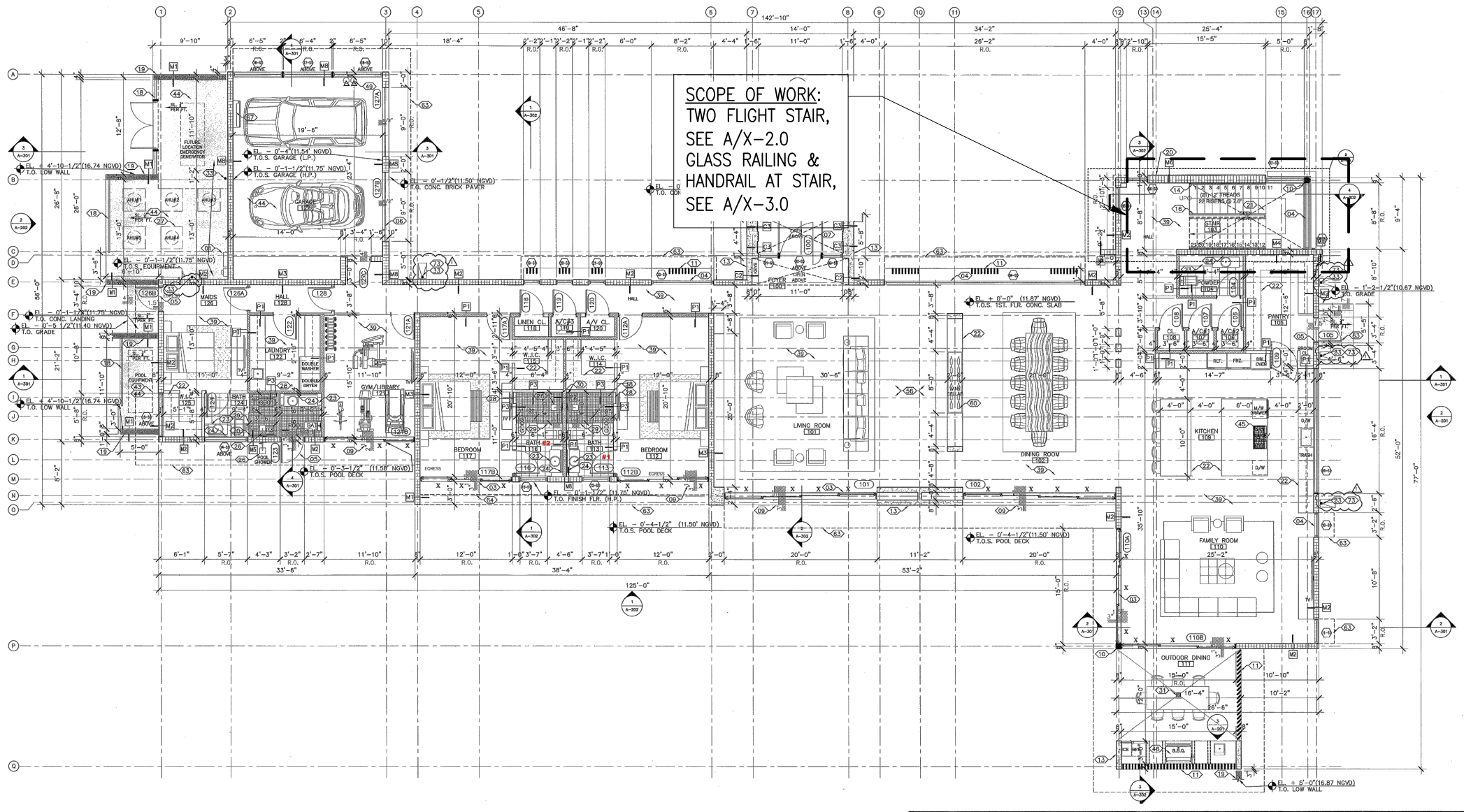
GONZALO A. PAZ, PE. (Lic No-60734)

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SHEET NAME:
GENERAL NOTES

X-0.2

CITY STAMP:



SCOPE OF WORK:
TWO FLIGHT STAIR,
SEE A/X-2.0
GLASS RAILING &
HANDRAIL AT STAIR,
SEE A/X-3.0

A FIRST FLOOR KEY PLAN
X-1.0 SCALE: NTS



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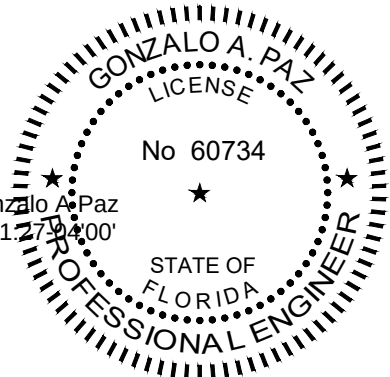
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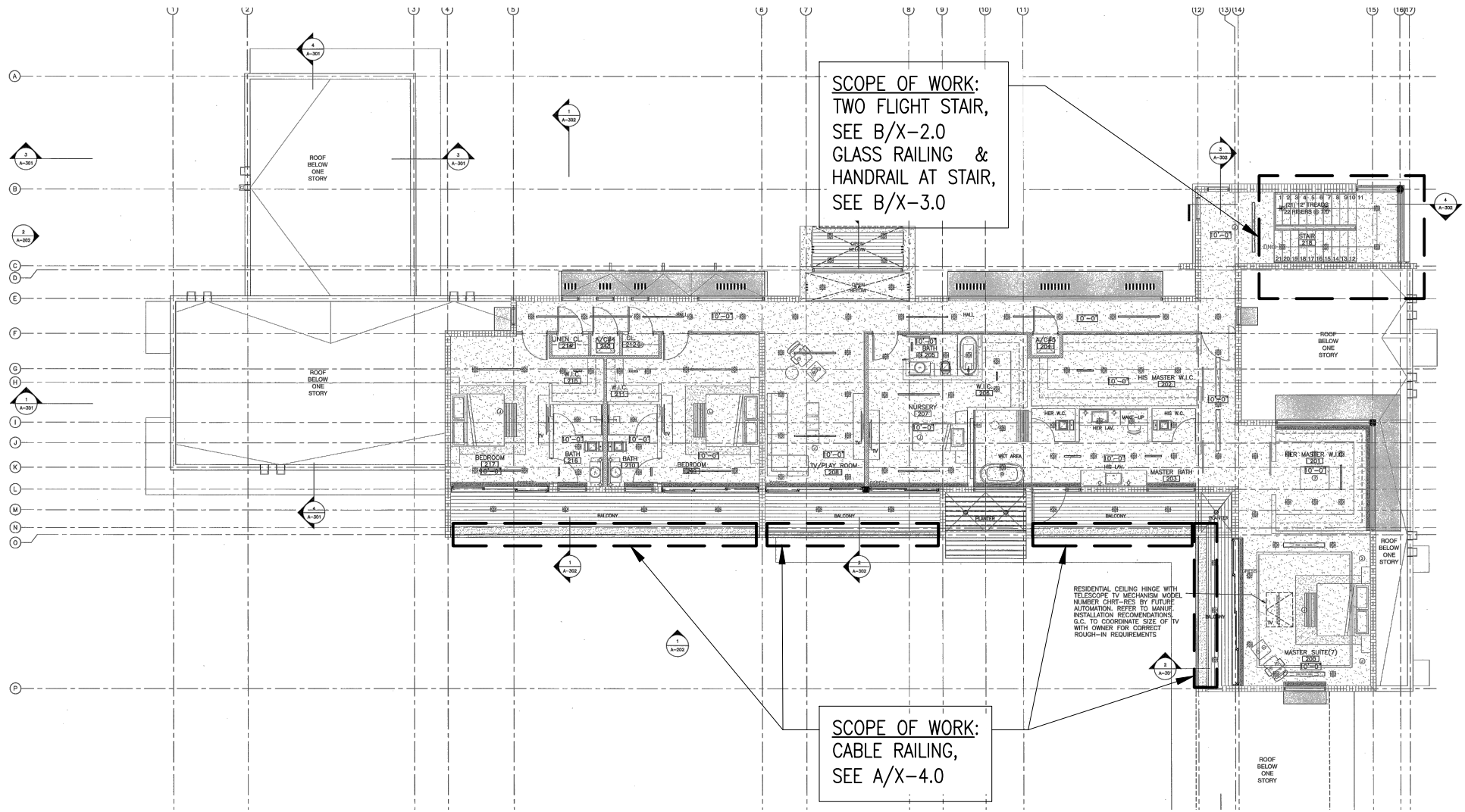
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SHEET NAME:
FIRST FLOOR KEY PLAN

X-1.0

CITY STAMP:



A SECOND FLOOR KEY PLAN
X-1.1 SCALE: NTS

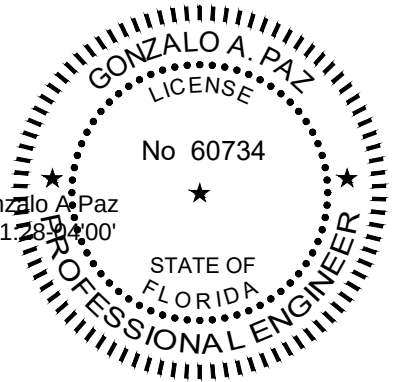


Eastern
Engineering Group
3401 NW 82nd Avenue Suite 370 Doral, FL 33122
Phone: (305) 599-8133 info@easterneg.com
www.easterneg.com

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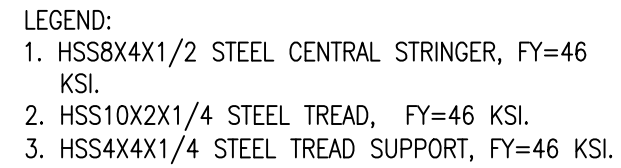
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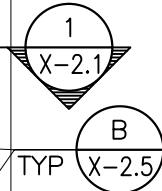
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SHEET NAME:
SECOND FLOOR KEY PLAN

X-1.1



CMU WALL
BY S.E.O.R.



$$\frac{B}{X-2.2}$$



Eastern
Engineering Group

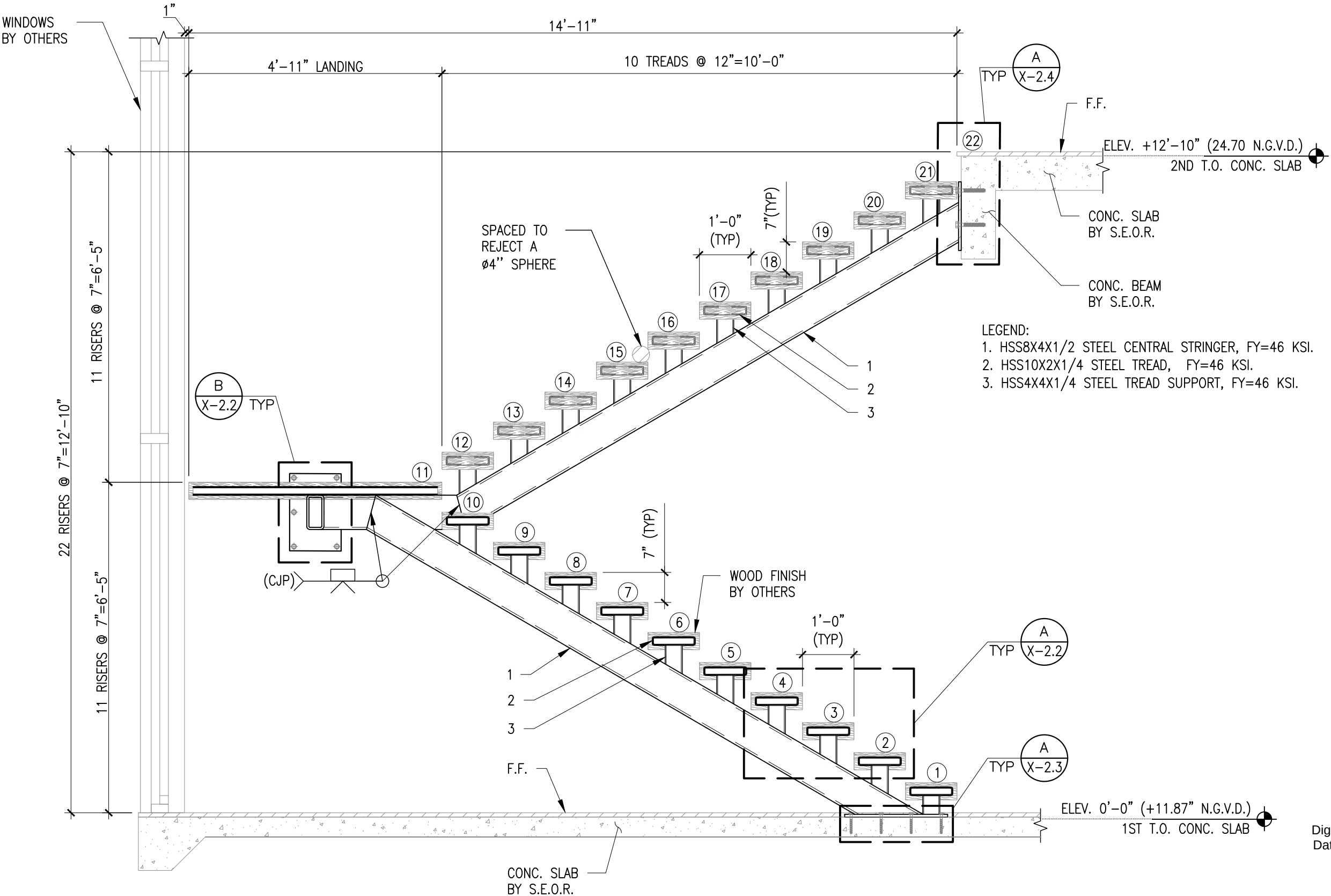
3401 NW 82nd Avenue Suite 370 Doral, FL 33122
Phone: (305) 599-8133 info@easterneng.com
www.easterneng.com

[illegible]

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The seal is circular with a double-lined border. The outer border contains the text "GONZALO A. PAZ" at the top and "PROFESSIONAL ENGINEER" at the bottom. The inner border contains the text "LICENSE" at the top and "STATE OF FLORIDA" at the bottom. In the center, the license number "No 60734" is displayed above a five-pointed star. To the left of the star, the text "Gonzalo A. Paz" and "31-289400'" is visible, likely from a document or stamp.

X-2.0



1 STEEL STAIR SECTION (TYP)
SCALE: 1/2"=1'-0"

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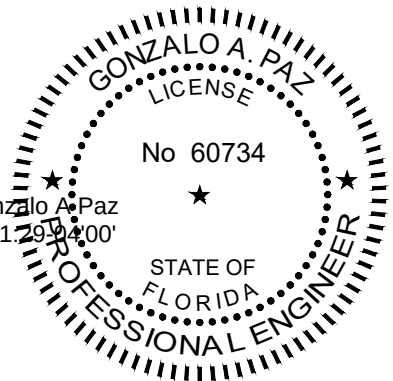
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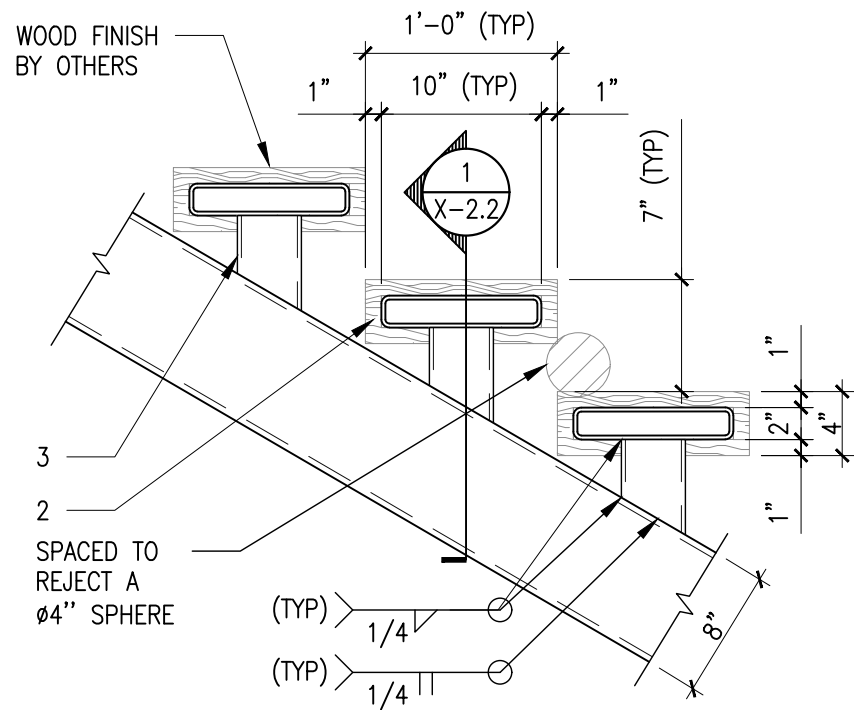
9/19/2025

GONZALO A. PAZ, PE. (Lic No-60734)

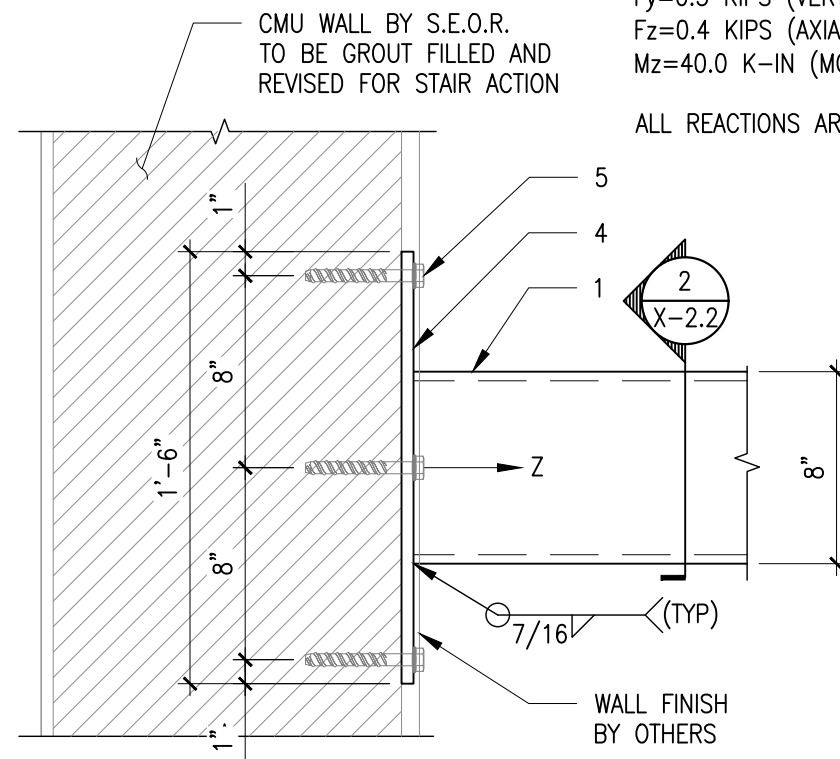
CERTIFICATE OF AUTHORIZATION No. 26655

SHEET NAME:
STEEL STAIR SECTION

X-2.1



A TREAD DETAIL (TYP)
X-2.2 SCALE: 1"=1'-0"

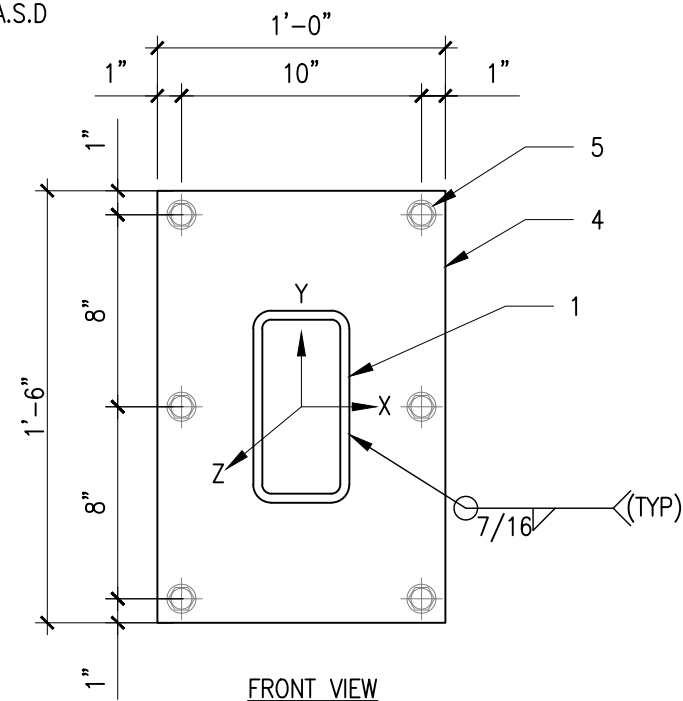


B CONN. DETAIL (TYP)
X-2.2 SCALE: 1 1/2"=1'-0"

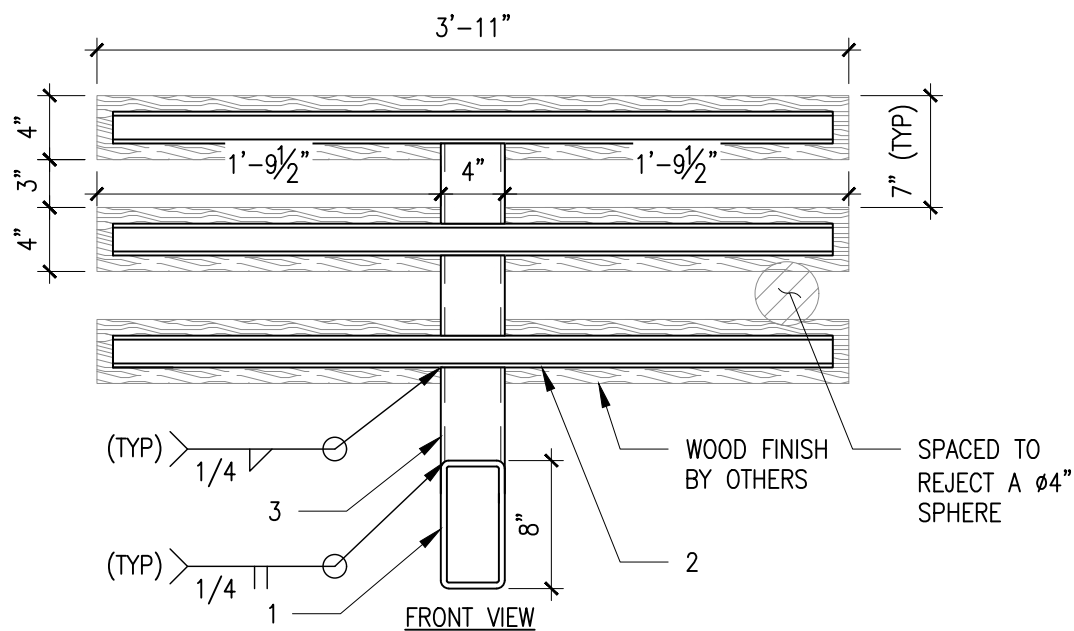
LANDING CONNECTION
S.E.O.R TO REVIEW EXISTING
CMU WALL FOR STAIR ACTION

$F_x=5.8$ KIPS (LATERAL-SHEAR)
 $F_y=0.5$ KIPS (VERTICAL-SHEAR)
 $F_z=0.4$ KIPS (AXIAL-TENSION)
 $M_z=40.0$ K-IN (MOMENT ABOUT Z)

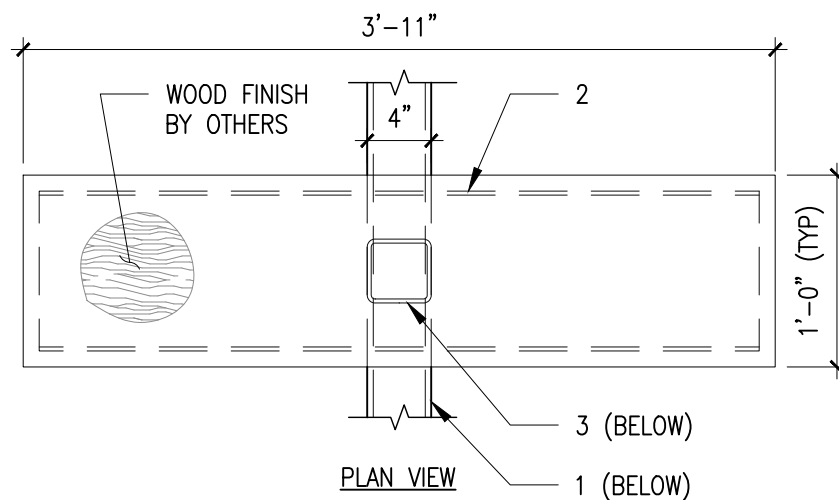
ALL REACTIONS ARE IN A.S.D



2 SECTION (TYP)
X-2.2 SCALE: 1 1/2"=1'-0"



1 TREAD SECTION (TYP)
X-2.2 SCALE: 1"=1'-0"



LEGEND:

1. HSS8X4X1/2 STEEL CENTRAL STRINGER, $F_y=46$ KSI.
2. HSS10X2X1/4 STEEL TREAD, $F_y=46$ KSI.
3. HSS4X4X1/4 STEEL TREAD SUPPORT, $F_y=46$ KSI.
4. PL18X12X1/2 STEEL PLATE, $F_y=36$ KSI.
5. (6)Ø1/2" KWIK HUS-EZ (CARBON STEEL) BY HILTI W/ 4-1/4" EMBEDMENT GROUT FILLED CMU, 8" SPACING AND 16" MIN. EDGE DISTANCE.

CITY STAMP:



PROJECT NAME:
6200 SW 123RD TERRACE

JOB No.: 25-0925 | VERSION: 06 | DATE: 9/19/2025

LOCATION: 6200 SW 123RD TERRACE, MIAMI, FL 33156, USA

CLIENT:
NORWAY BUILDERS LLC

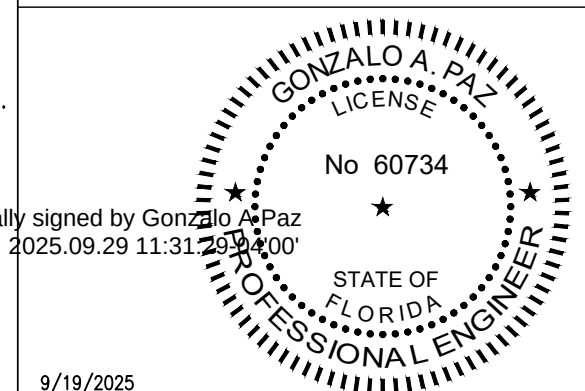
PM: MARIO MORALES | DRAWN BY: G.R.S.

DESIGNED BY: M.M.L. | CHECKED BY: GONZALO A. PAZ

No.	DESCRIPTION	DATE	APP'D

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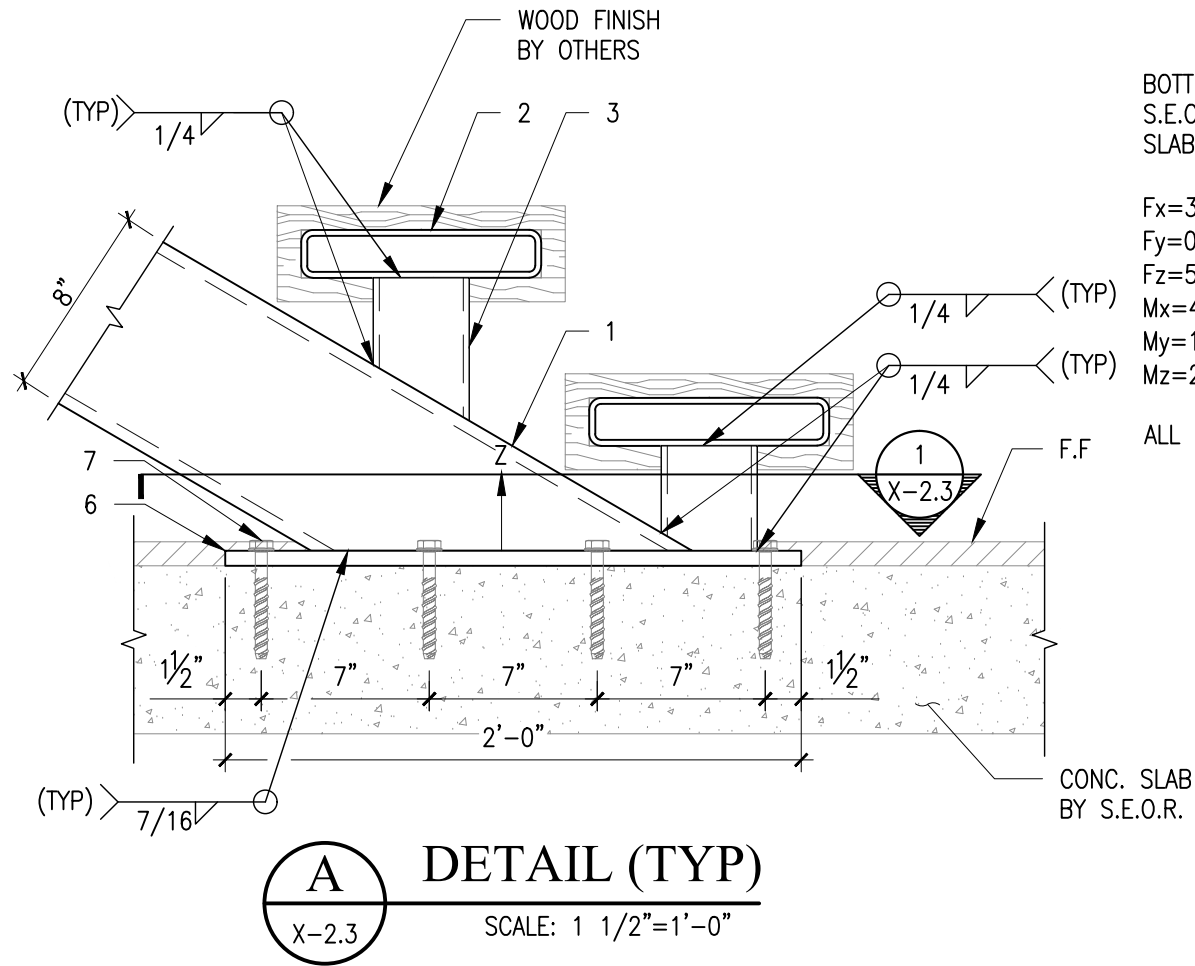
9/19/2025

GONZALO A. PAZ, PE. (Lic No-60734)

CERTIFICATE OF AUTHORIZATION No. 26655

SHEET NAME:
DETAILS & SECTIONS

X-2.2



DETAIL (TYP)

SCALE: 1 1/2"=1'-0"

BOTTOM CONNECTION
S.E.O.R TO REVIEW EXISTING
SLAB FOR STAIR ACTION

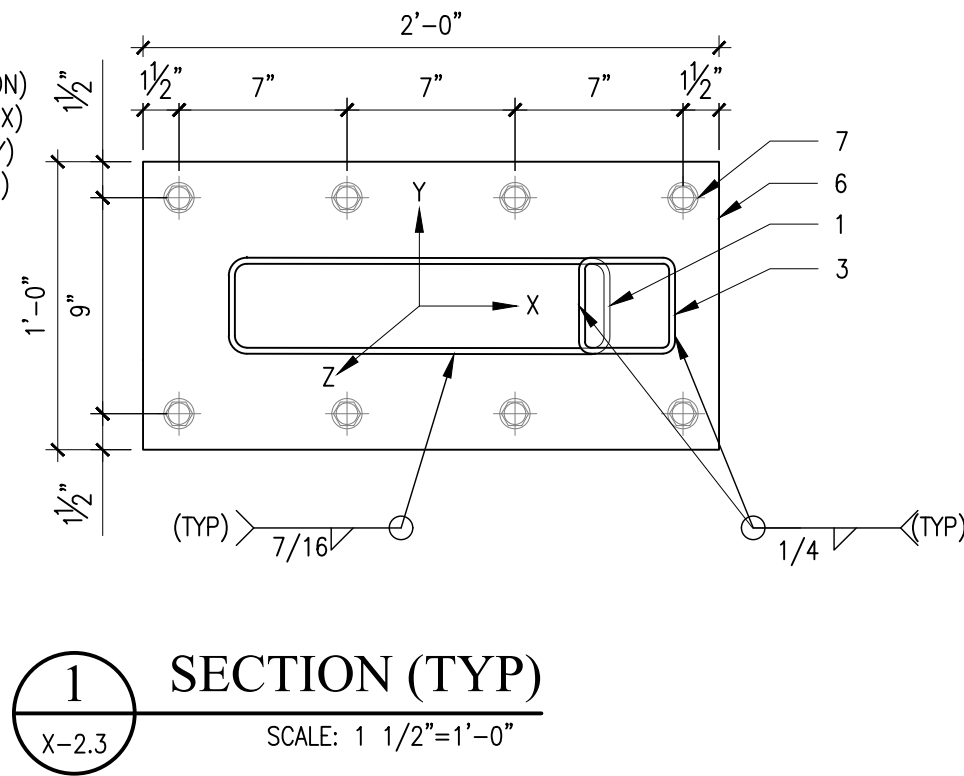
$F_x=3.7$ KIPS (LATERAL-SHEAR)
 $F_y=0.6$ KIPS (LATERAL-SHEAR)
 $F_z=5.9$ KIPS (AXIAL-COMPRESSION)
 $M_x=49.5$ K-IN (MOMENT ABOUT X)
 $M_y=171$ K-IN (MOMENT ABOUT Y)
 $M_z=2.2$ K-IN (MOMENT ABOUT Z)

ALL REACTIONS ARE IN A.S.D

CONC. SLAB
BY S.E.O.R.

LEGEND:

1. HSS8X4X1/2 STEEL CENTRAL STRINGER, $F_y=46$ KSI.
2. HSS10X2X1/4 STEEL TREAD, $F_y=46$ KSI.
3. HSS4X4X1/4 STEEL TREAD SUPPORT, $F_y=46$ KSI.
6. PL24X12X5/8 STEEL PLATE, $F_y=36$ KSI.
7. (8) $\phi 1/2"$ KWIK-X (CARBON STEEL) BY HILTI W/ KHC 1/2" LARGE (CAPSULE) AND 5" EMBEDMENT INTO CONCRETE, 7" SPACING.



SECTION (TYP)

SCALE: 1 1/2"=1'-0"

CITY STAMP:



PROJECT NAME:
6200 SW 123RD TERRACE

JOB No.: 25-0925 | VERSION: 06 | DATE: 9/19/2025

LOCATION: 6200 SW 123RD TERRACE, MIAMI, FL 33156, USA

CLIENT:
NORWAY BUILDERS LLC

PM: MARIO MORALES | DRAWN BY: G.R.S.

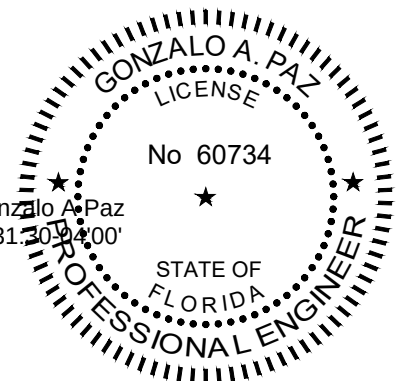
DESIGNED BY: M.M.L. | CHECKED BY: GONZALO A. PAZ

No.	DESCRIPTION	DATE	APP'D

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Digitally signed by Gonzalo A. Paz
Date: 2025.09.29 11:31:30 -0400



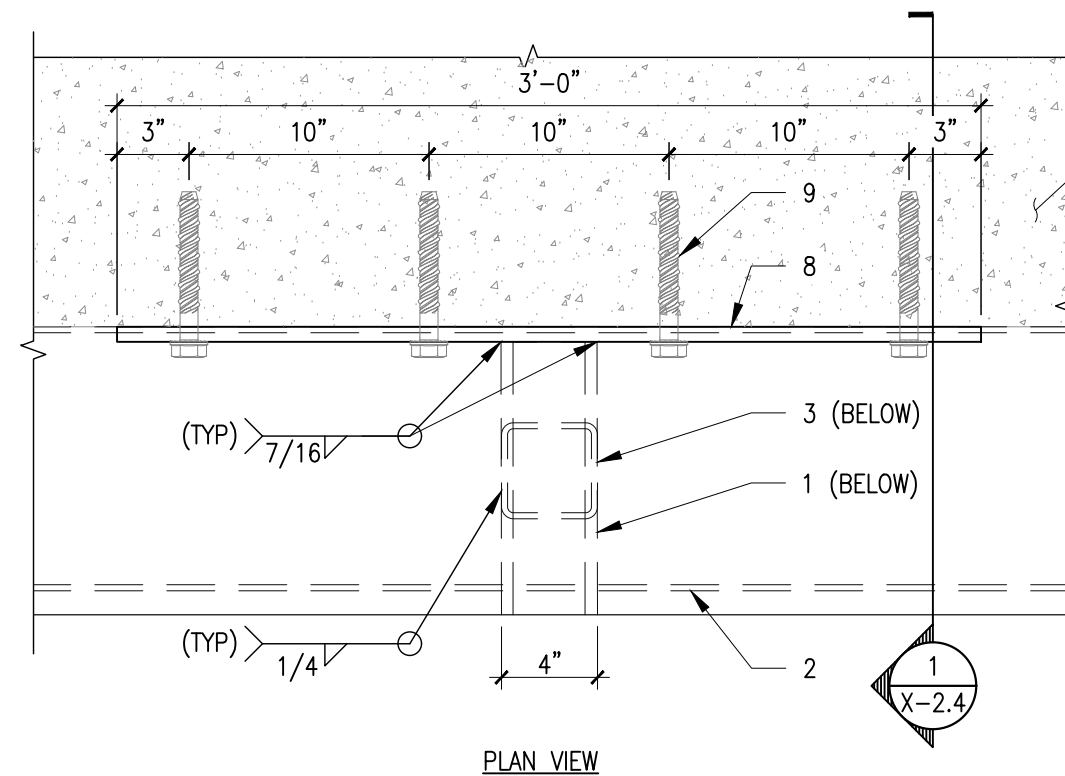
9/19/2025

GONZALO A. PAZ, PE. (Lic No-60734)

CERTIFICATE OF AUTHORIZATION No. 26655

SHEET NAME:
DETAIL & SECTION

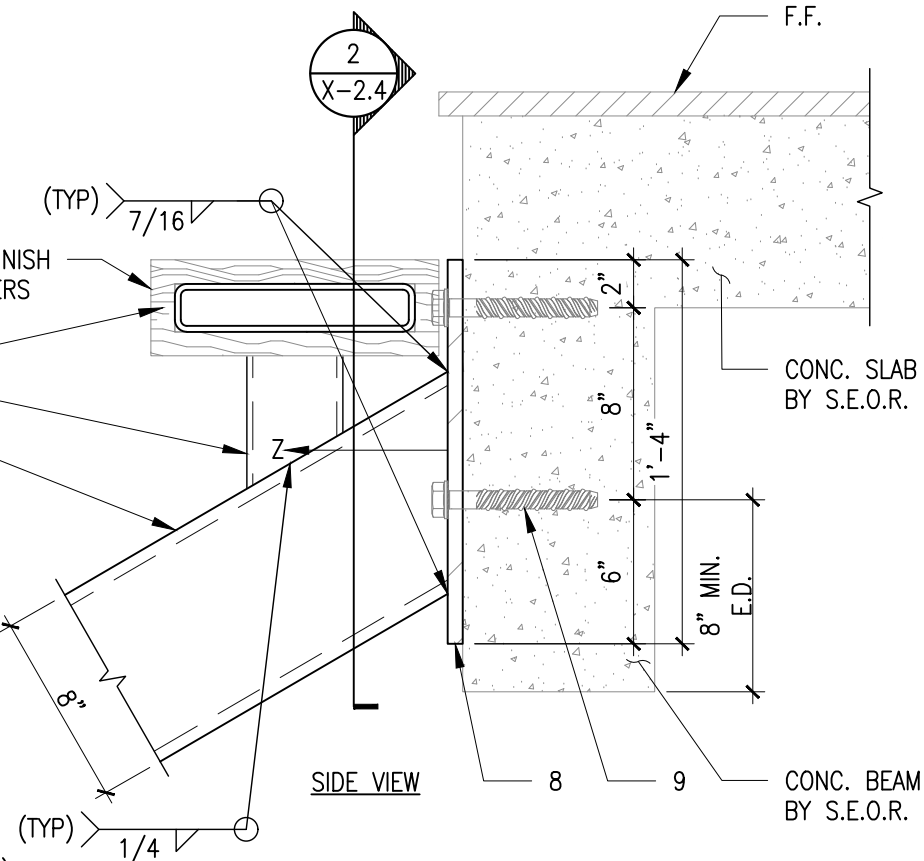
X-2.3



A **DETAIL (TYP)**
X-2.4 SCALE: 1 1/2"=1'-0"

TOP CONNECTION
S.E.O.R TO REVIEW EXISTING
BEAM FOR STAIR ACTION

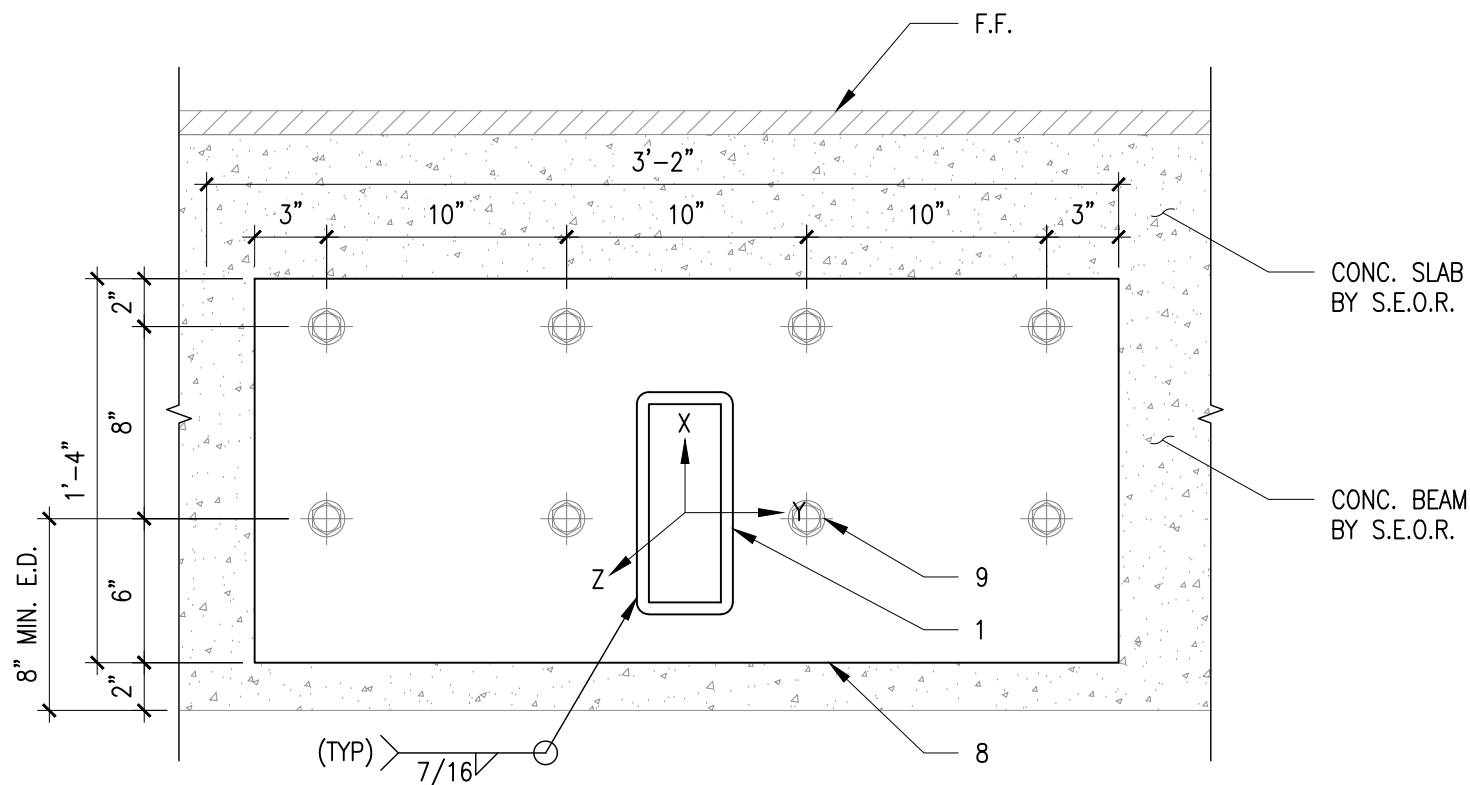
F_x=7.0 KIPS (VERTICAL-SHEAR)
F_y=0.3 KIPS (LATERAL-SHEAR)
F_z=9.5 KIPS (AXIAL-TENSION)
ALL REACTIONS ARE IN A.S.D



1 **SECTION (TYP)**
X-2.4 SCALE: 1 1/2"=1'-0"

LEGEND:

1. HSS8X4X1/2 STEEL CENTRAL STRINGER, F_y=46 KSI.
2. HSS10X2X1/4 STEEL TREAD, F_y=46 KSI.
3. HSS4X4X1/4 STEEL TREAD SUPPORT, F_y=46 KSI.
8. PL36X16X5/8 STEEL PLATE, F_y=36 KSI.
9. ϕ 1/2" KWIK-X (CARBON STEEL) BY HILTI W/ KHC 1/2" LARGE (CAPSULE) W/ 4-1/4" EMBEDMENT INTO CONCRETE, 10" SPACING & 8" MIN. EDGE DISTANCE.



2 **SECTION (TYP)**
X-2.4 SCALE: 1 1/2"=1'-0"

CITY STAMP:



PROJECT NAME:
6200 SW 123RD TERRACE

JOB No.: 25-0925 | VERSION: 06 | DATE: 9/19/2025

LOCATION: 6200 SW 123RD TERRACE, MIAMI, FL 33156,
USA

CLIENT:
NORWAY BUILDERS LLC

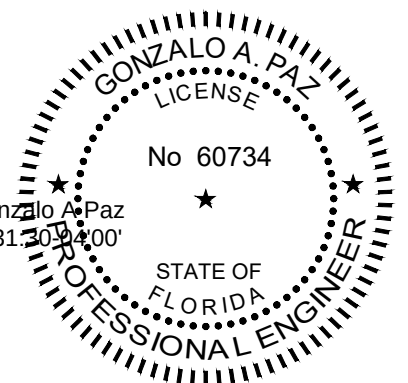
PM: MARIO MORALES | DRAWN BY: G.R.S.

DESIGNED BY: M.M.L. | CHECKED BY: GONZALO A. PAZ

No.	DESCRIPTION	DATE	APP'D

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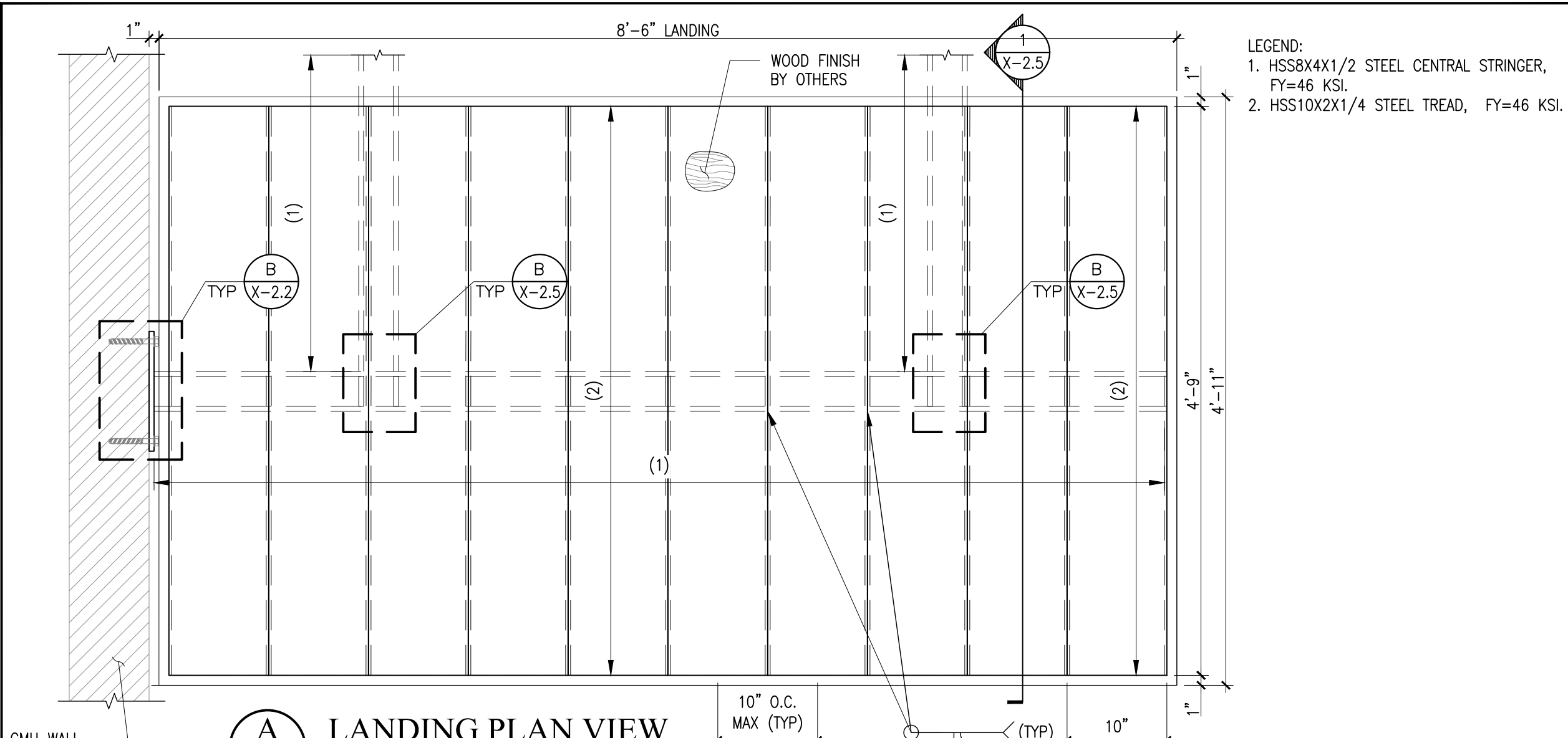
9/19/2025

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CERTIFICATE OF AUTHORIZATION No. 26655

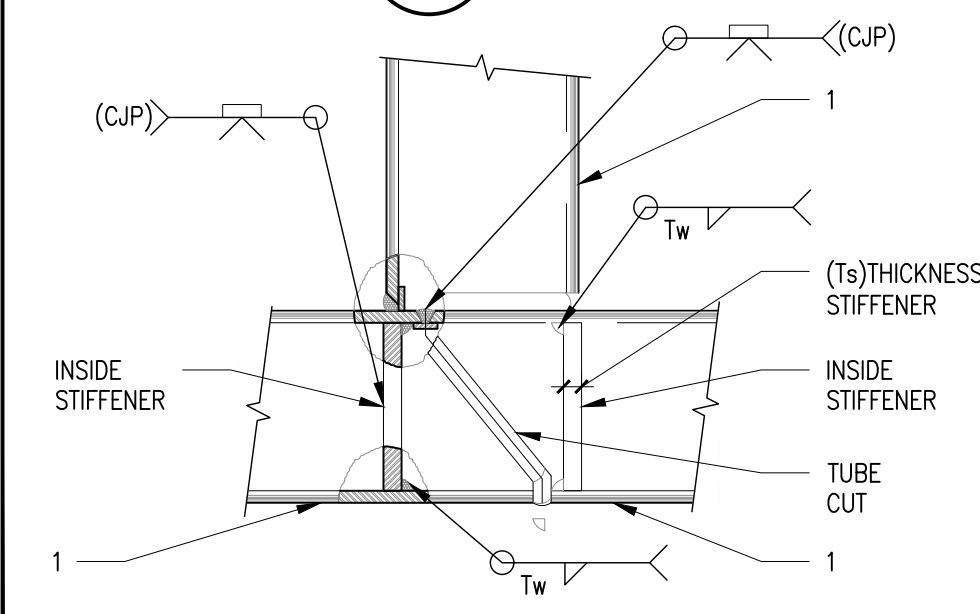
SHEET NAME:
DETAIL & SECTIONS

X-2.4



- LEGEND:
- 1. HSS8X4X1/2 STEEL CENTRAL STRINGER, FY=46 KSI.
 - 2. HSS10X2X1/4 STEEL TREAD, FY=46 KSI.

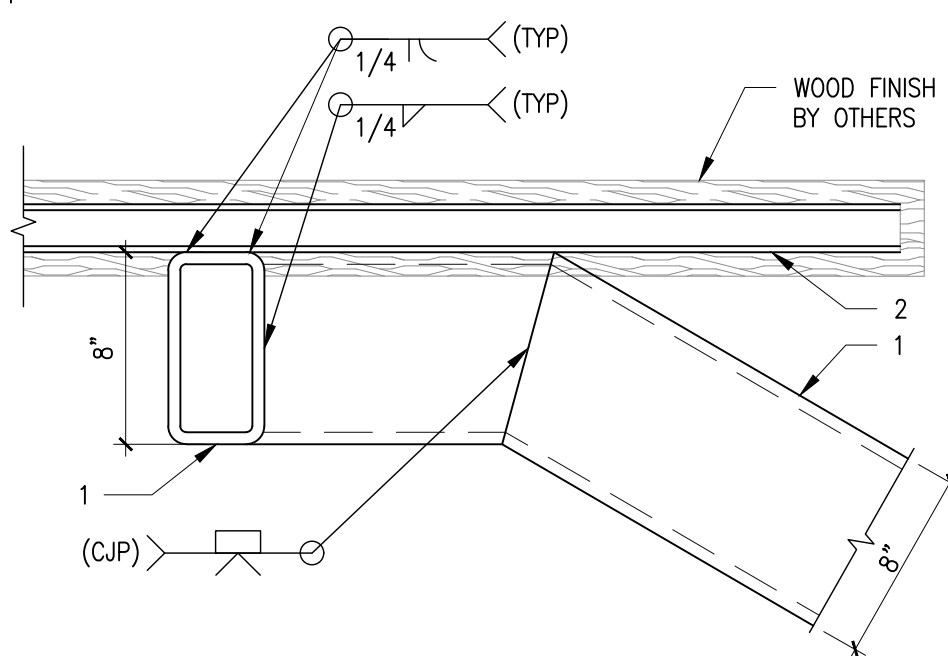
A LANDING PLAN VIEW
SCALE: 1"=1'-0"



- PROCEDURE:
- 1. CUT SECTION AS SHOWN
 - 2. INSTALL INSIDE STIFFENER AND WELDED AS SHOW
 - 3. RE-WELD WITH FULL PENETRATION WELD AS SHOW

(Tt) THICKNESS TUBE	(Ts) THICKNESS STIFFENER	(Tw) EFFECTIVE THROAT
1/8	1/4	1/4
3/16	5/16	5/16
1/4	3/8	3/8
5/16	7/16	7/16
3/8	1/2	1/2
7/16	9/16	9/16
1/2	5/8	5/8
9/16	11/16	11/16
5/8	3/4	3/4

B DETAIL (TYP)
SCALE: 3"=1'-0"



1 SECTION (TYP)
SCALE: 1 1/2"=1'-0"

CITY STAMP:

3401 NW 82nd Avenue Suite 370 Doral, FL 33122
Phone: (305) 599-8133 info@easterneg.com
www.easterneg.com

PROJECT NAME:
6200 SW 123RD TERRACE

JOB No.: 25-0925 | VERSION: 06 | DATE: 9/19/2025
LOCATION: 6200 SW 123RD TERRACE, MIAMI, FL 33156, USA
CLIENT: NORWAY BUILDERS LLC

PM: MARIO MORALES | DRAWN BY: G.R.S.
DESIGNED BY: M.M.L. | CHECKED BY: GONZALO A. PAZ

No.	DESCRIPTION	DATE	APP'D

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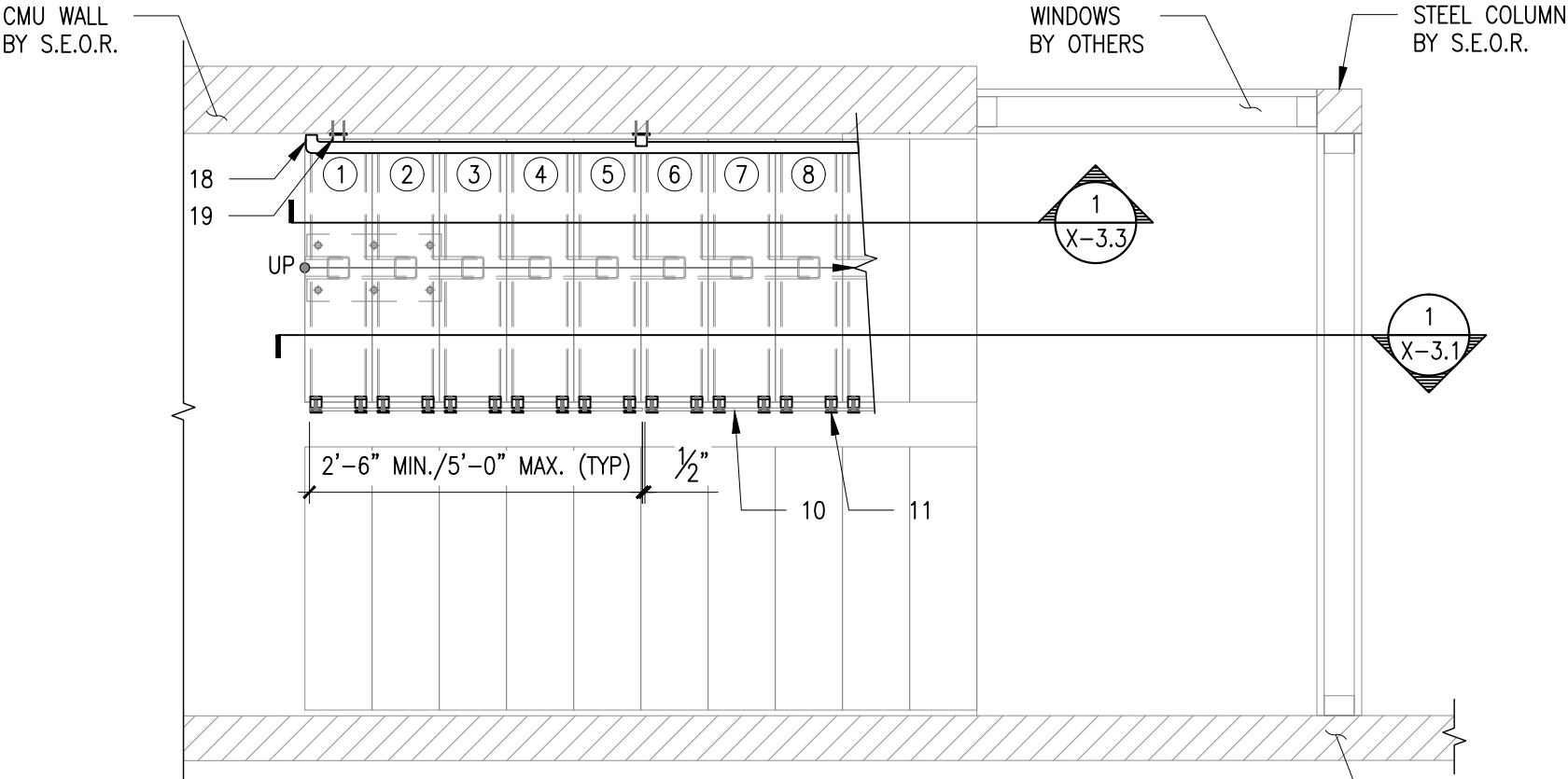
Digitally signed by Gonzalo A. Paz
Date: 2025.09.29 11:31:24-00'

9/19/2025

GONZALO A. PAZ, PE. (Lic No-60734)
CERTIFICATE OF AUTHORIZATION No. 26655

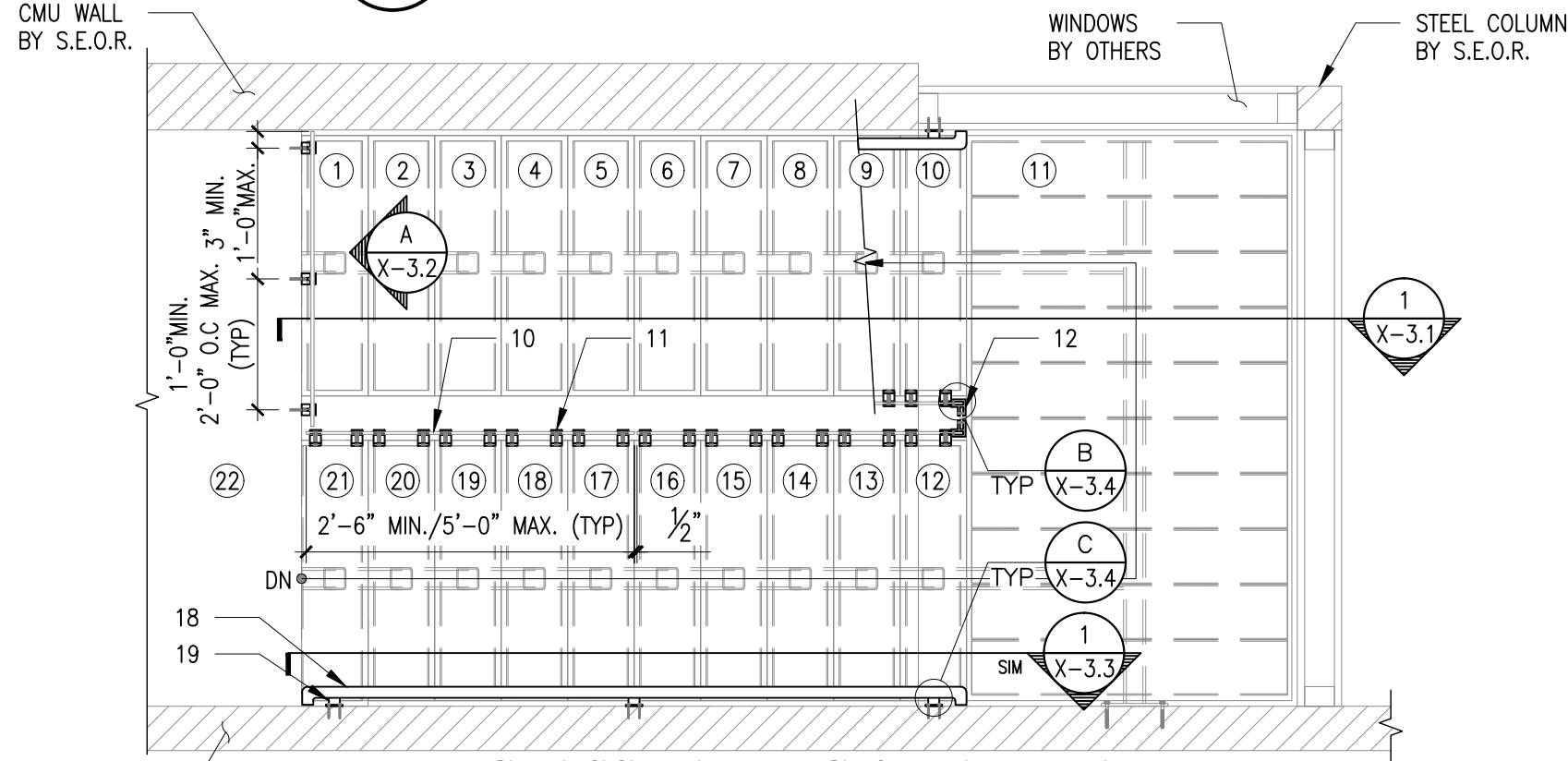
SHEET NAME:
LANDING PLAN VIEW, SECTION & DETAIL

X-2.5



- LEGEND:
- 10. LAMINATED TEMPERED GLASS 9/16" COMPOSED (2) 1/4" FULLY TEMPERED GLASS WITH 0.06 SENTRY GLASS PLUS INTERLAYER FILM.
 - 11. $\phi 1-15/16$ " STAND-OFF BY Q-RAILING PAIR @24" O.C. MAX. MIN.(2) PAIR/GLASS PANEL.
 - 12. CRL 90 DEGREE GLASS-TO-GLASS BRACING CLAMP.
 - 18. 2"x1" CONTINUOUS WOOD HANDRAIL IRON WOOD IPE, EDGES SHALL HAVE A MINIMUM RADIUS OF 0.01", Fb=5600 PSI.
 - 19. 2"x3/4" THK. STEEL SOLID BRACKET @ 3'-0" O.C. MAX. (TYP.), FY=36 KSI.

A
X-3.0
**GLASS RAILING & HANDRAIL
AT STAIR 1ST FLOOR PLAN VIEW**
SCALE: 3/8"=1'-0"



B
X-3.0
**GLASS RAILING & HANDRAIL
AT STAIR 2ND FLOOR PLAN VIEW**
SCALE: 3/8"=1'-0"

CITY STAMP:



Eastern
Engineering Group
3401 NW 82nd Avenue Suite 370 Doral, FL 33122
Phone: (305) 599-8133 info@easterneg.com
www.easterneg.com

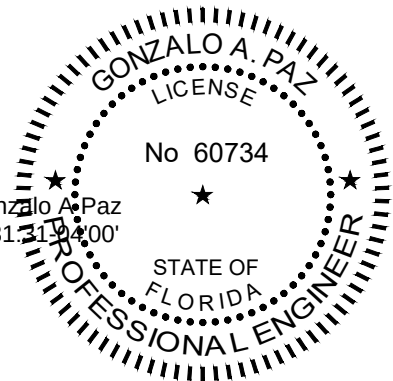
PROJECT NAME:
6200 SW 123RD TERRACE

JOB No.: 25-0925	VERSION: 06	DATE: 9/19/2025
LOCATION: 6200 SW 123RD TERRACE, MIAMI, FL 33156, USA		
CLIENT: NORWAY BUILDERS LLC		

PM: MARIO MORALES		DRAWN BY: G.R.S.	
DESIGNED BY: M.M.L.		CHECKED BY: GONZALO A. PAZ	
No.	DESCRIPTION	DATE	APP

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Date: 2025.09.29 11:31:31 -0400

9/19/2025

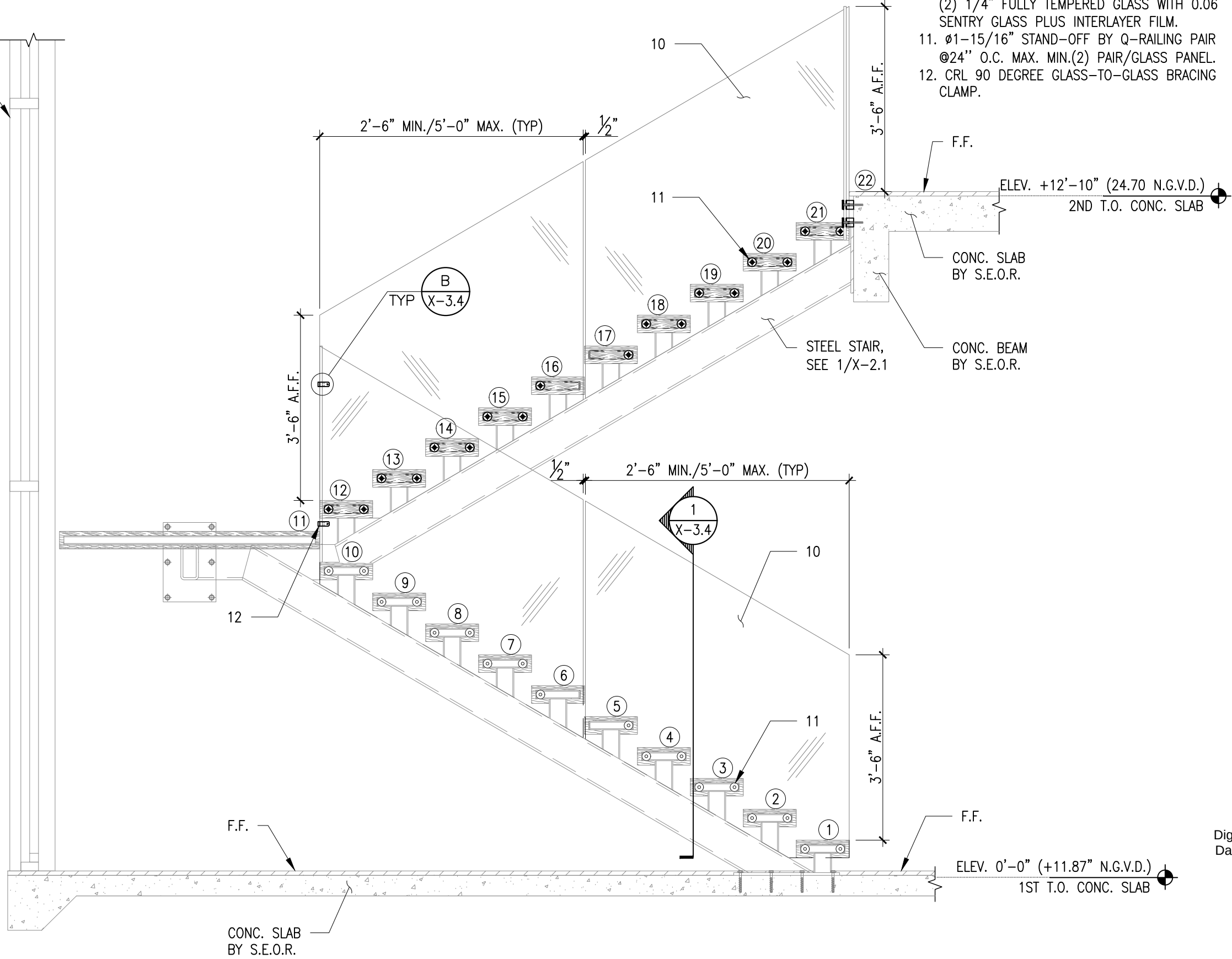
GONZALO A. PAZ, PE. (Lic No-60734)

CERTIFICATE OF AUTHORIZATION No. 26655

SHEET NAME:
GLASS RAILING & HANDRAIL AT STAIR PLAN
VIEWS

X-3.0

WINDOWS
BY OTHERS



- LEGEND:
- 10. LAMINATED TEMPERED GLASS 9/16" COMPOSED (2) 1/4" FULLY TEMPERED GLASS WITH 0.06 SENTRY GLASS PLUS INTERLAYER FILM.
 - 11. Ø1-15/16" STAND-OFF BY Q-RAILING PAIR @24" O.C. MAX. MIN.(2) PAIR/GLASS PANEL.
 - 12. CRL 90 DEGREE GLASS-TO-GLASS BRACING CLAMP.

CITY STAMP:



PROJECT NAME:
6200 SW 123RD TERRACE

JOB No.: 25-0925 | VERSION: 06 | DATE: 9/19/2025

LOCATION: 6200 SW 123RD TERRACE, MIAMI, FL 33156, USA

CLIENT:
NORWAY BUILDERS LLC

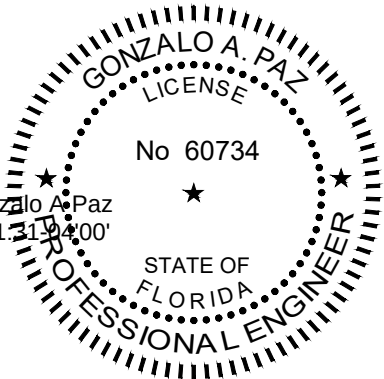
PM: MARIO MORALES | DRAWN BY: G.R.S.

DESIGNED BY: M.M.L. | CHECKED BY: GONZALO A. PAZ

No.	DESCRIPTION	DATE	APP'D

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Date: 2025.09.29 11:31:31 -0400

9/19/2025

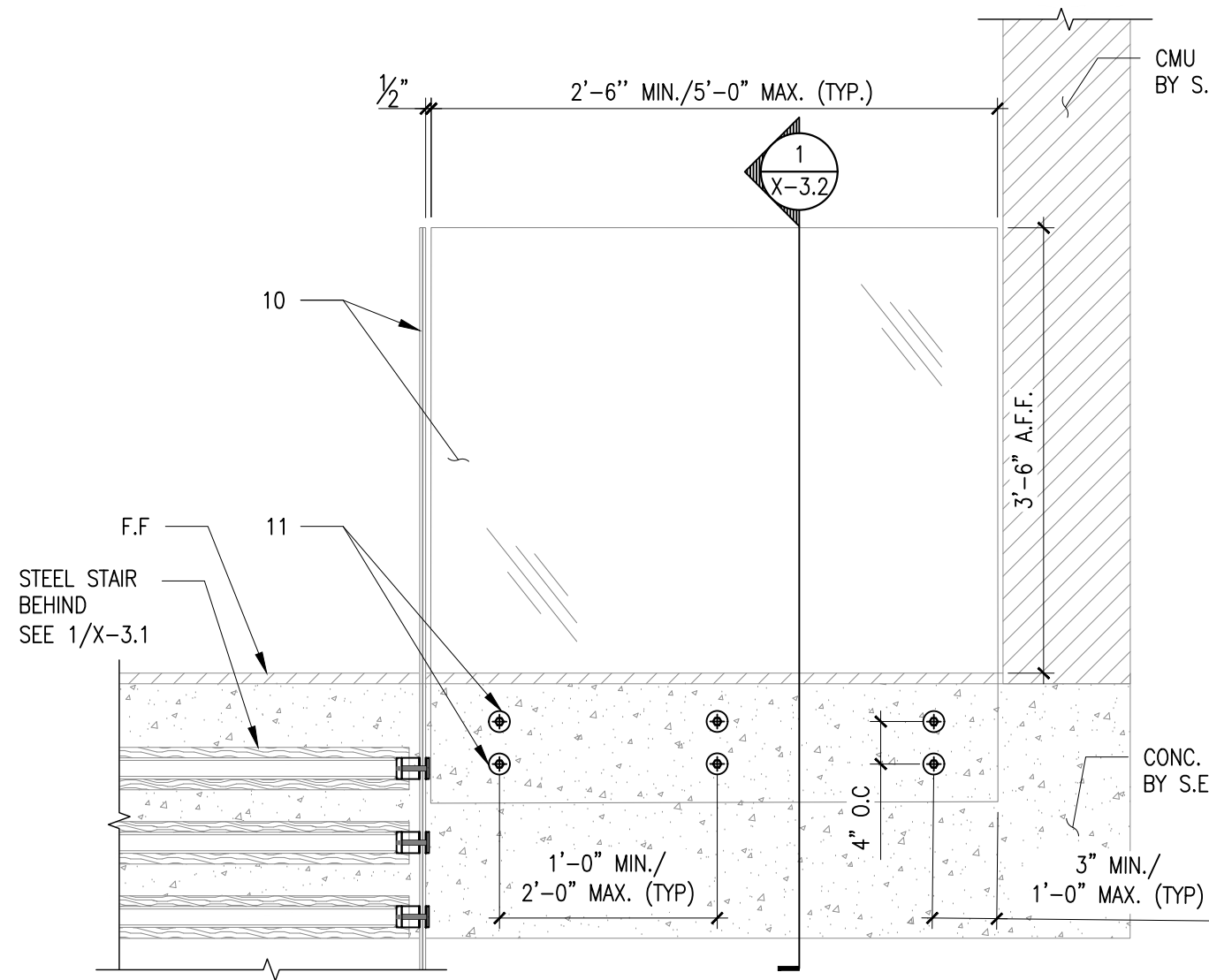
GONZALO A. PAZ, PE. (Lic No-60734)

CERTIFICATE OF AUTHORIZATION No. 26655

SHEET NAME:
GLASS RAILING AT STAIR SECTION

X-3.1

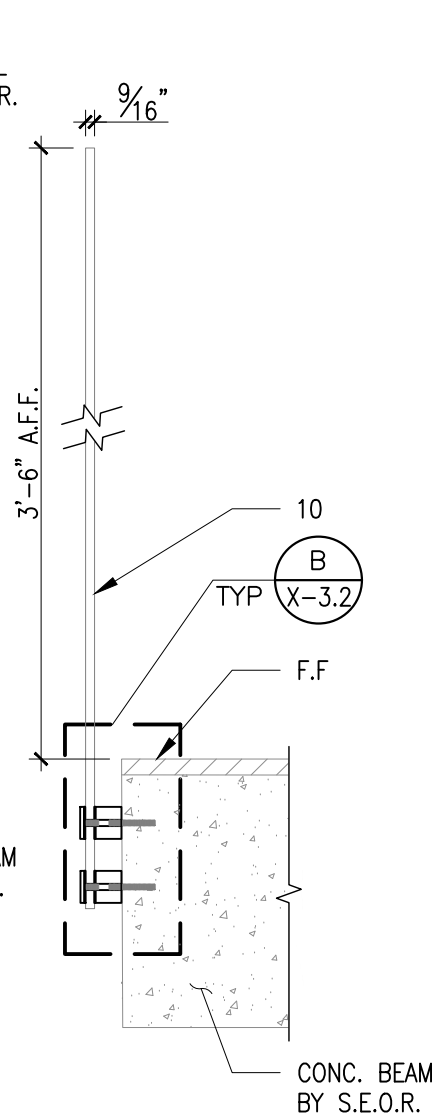
1 GLASS RAILING AT STAIR SECTION (TYP)
X-3.1 SCALE: 1/2"=1'-0"



INTERIOR GLASS RAILING AT
2ND FLOOR ELEVATION (TYP)

A
X-3.2

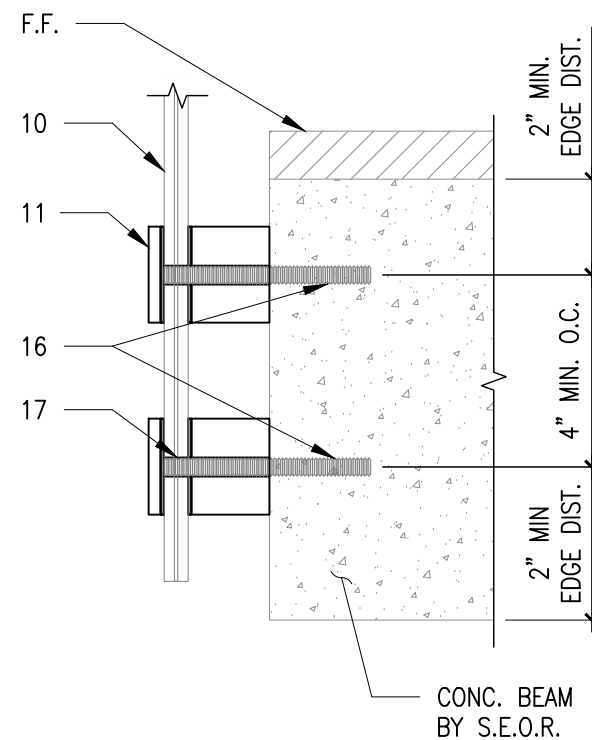
SCALE: 3/4"=1'-0"



1
X-3.2

SECTION (TYP)

SCALE: 1"=1'-0"



B
X-3.2

DETAIL (TYP)

SCALE: 3"=1'-0"

LEGEND:

10. LAMINATED TEMPERED GLASS 9/16" COMPOSED (2) 1/4" FULLY TEMPER GLASS WITH 0.06 SENTRY GLASS PLUS INTERLAYER FILM.
11. Ø1-15/16" STAND-OFF BY Q-RAILING PAIR @24" O.C. MAX. MIN.(2) PAIR/GLASS PANEL.
16. Ø3/8" THREADED ROD W/ C6+ EPOXY ADHESIVE BY READ HEAD W/ 3-3/8" EMBEDMENT INTO CONCRETE, 4" SPACING & 2" MIN. EDGE DISTANCE, ASTM A307, Fu=45 KSI, FY=27 KSI.
17. M10-1.5X15/16" LONG. THREADED ROD.

CITY STAMP:



PROJECT NAME:
6200 SW 123RD TERRACE

JOB No.: 25-0925 | VERSION: 06 | DATE: 9/19/2025

LOCATION: 6200 SW 123RD TERRACE, MIAMI, FL 33156, USA

CLIENT:
NORWAY BUILDERS LLC

PM: MARIO MORALES | DRAWN BY: G.R.S.

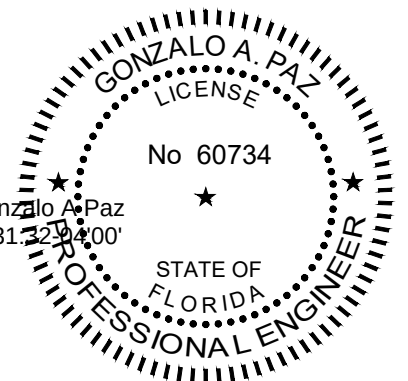
DESIGNED BY: M.M.L. | CHECKED BY: GONZALO A. PAZ

No.	DESCRIPTION	DATE	APP'D

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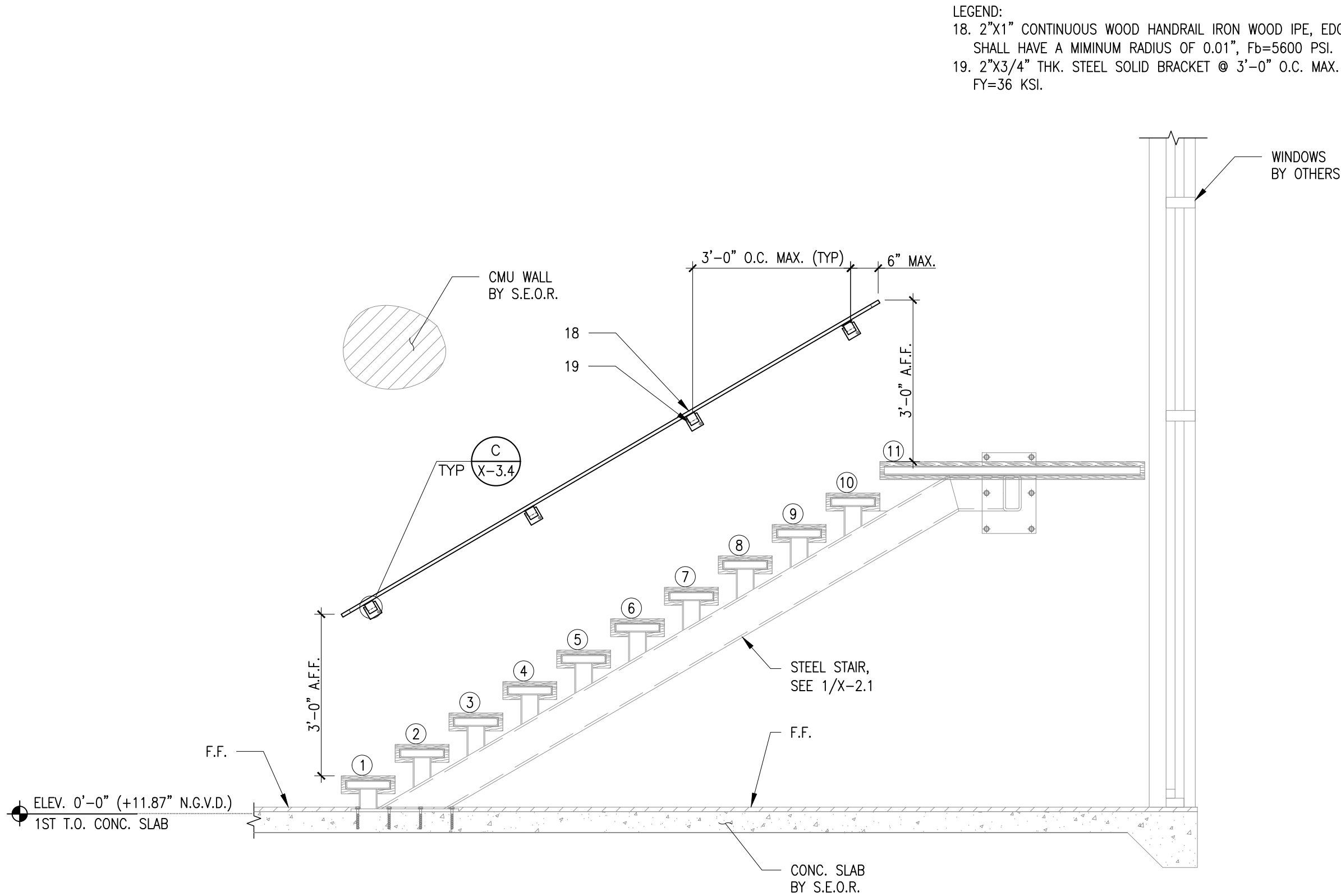
9/19/2025

GONZALO A. PAZ, PE. (Lic No-60734)

CERTIFICATE OF AUTHORIZATION No. 26655

SHEET NAME:
INTERIOR GLASS RAILING AT SECOND FLOOR
ELEVATION, SECTION & DETAIL

X-3.2



1 HANDRAIL AT STAIR SECTION (TYP)
X-3.3 SCALE: 1/2"=1'-0"

CITY STAMP:



PROJECT NAME:
6200 SW 123RD TERRACE

JOB No.: 25-0925 | VERSION: 06 | DATE: 9/19/2025

LOCATION: 6200 SW 123RD TERRACE, MIAMI, FL 33156, USA

CLIENT:
NORWAY BUILDERS LLC

PM: MARIO MORALES | DRAWN BY: G.R.S.

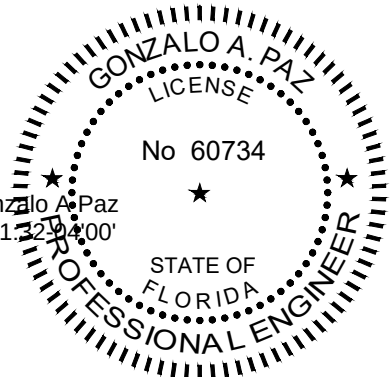
DESIGNED BY: M.M.L. | CHECKED BY: GONZALO A. PAZ

No.	DESCRIPTION	DATE	APP'D

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Digitally signed by Gonzalo A. Paz
Date: 2025.09.29 11:31:32 -0400



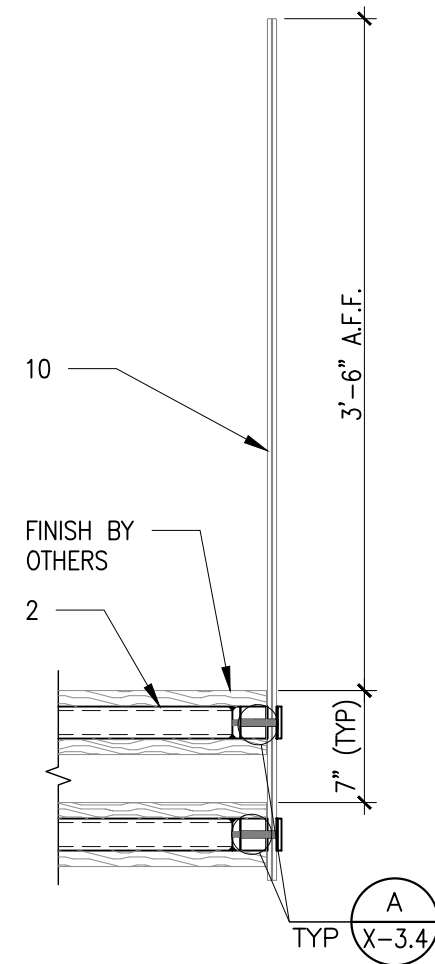
9/19/2025

GONZALO A. PAZ, PE. (Lic No-60734)

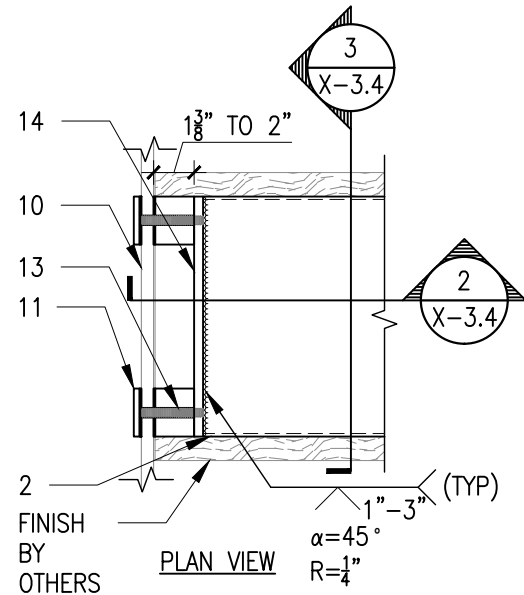
CERTIFICATE OF AUTHORIZATION No. 26655

SHEET NAME:
HANDRAIL AT STAIR SECTION

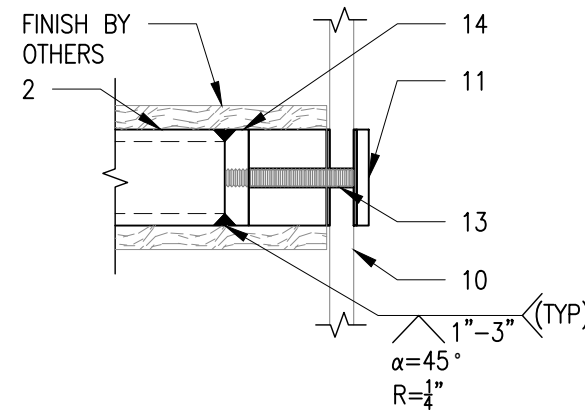
X-3.3



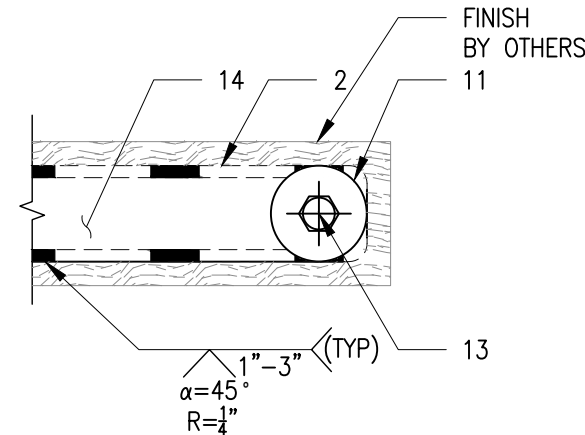
1 SECTION (TYP)
X-3.4 SCALE: 1"=1'-0"



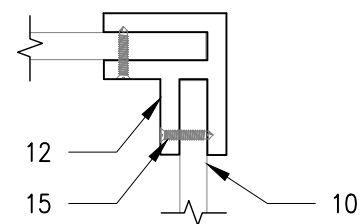
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X-3.4 SCALE: 1 1/2"=1'-0"



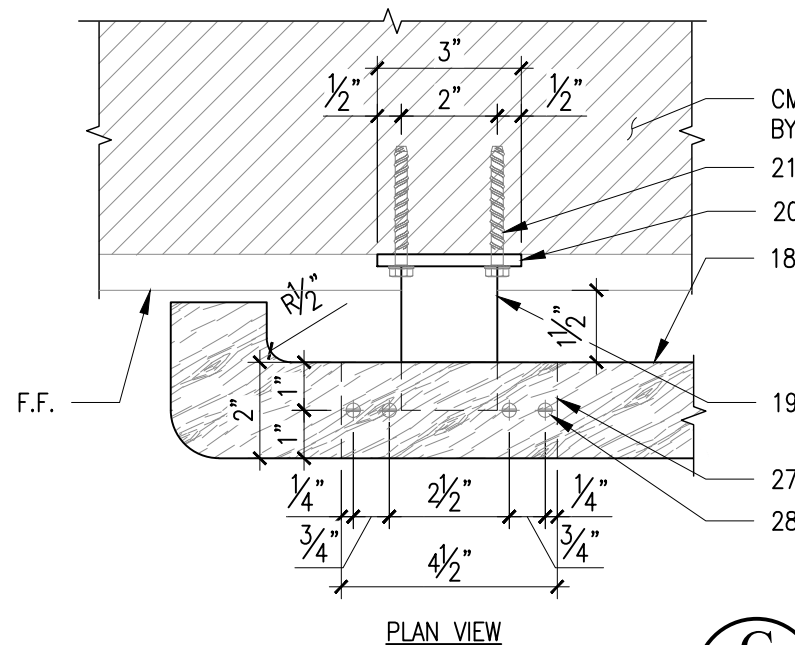
2 SECTION (TYP)
X-3.4 SCALE: 3"=1'-0"



3 SECTION (TYP)
X-3.4 SCALE: 3"=1'-0"



B DETAIL (TYP)
X-3.4 SCALE: 3"=1'-0"



CONNECTION DETAIL (TYP)

C DETAIL (TYP)
X-3.4 SCALE: 3"=1'-0"

LEGEND:

2. HSS10X2X1/4 STEEL TREAD, FY=46 KSI.
10. LAMINATED TEMPERED GLASS 9/16" COMPOSED (2) 1/4" FULLY TEMPERED GLASS WITH 0.06 SENTRY GLASS PLUS INTERLAYER FILM.
11. Ø1-15/16" STAND-OFF BY Q-RAILING PAIR @24" O.C. MAX. MIN.(2) PAIR/GLASS PANEL.
12. CRL 90 DEGREE GLASS-TO-GLASS BRACING CLAMP.
13. Ø3/8" S.S. THREADED ROD W/3/8" MIN THREAD PENETRATION.
14. PL3/8X2X10 STEEL PLATE W/ FY=36 KSI TO BE DRILL & TAP, WELDED TO ITEM #6 W/ 1/4" FILLET 1"@3" O.C.
15. M6X16 S.S 316 SCREW.
18. 2"x1" CONTINUOUS WOOD HANDRAIL IRON WOOD IPE, EDGES SHALL HAVE A MINIMUM RADIUS OF 0.01", Fb=5600 PSI.
19. 2"x3/4" THK. STEEL SOLID BRACKET @ 3'-0" O.C. MAX. (TYP.), FY=36 KSI.
20. PL3X3X1/4 THK. STEEL PLATE, FY=36 KSI.
21. Ø1/4" GALVANIZED STEEL SCREW BOLT+ BY DEWALT W/ 2-1/2" EMBED, 4" MIN. EDGE DISTANCE AND 2" SPACING.
27. PL2X4-1/2X1/8 STEEL PLATE, FY=36 KSI.
28. (4)No8 WOOD SCREW W/ 3/4" MIN. PENETRATION.

CITY STAMP:



PROJECT NAME:
6200 SW 123RD TERRACE

JOB No.: 25-0925 | VERSION: 06 | DATE: 9/19/2025

LOCATION: 6200 SW 123RD TERRACE, MIAMI, FL 33156, USA

CLIENT:
NORWAY BUILDERS LLC

PM: MARIO MORALES | DRAWN BY: G.R.S.

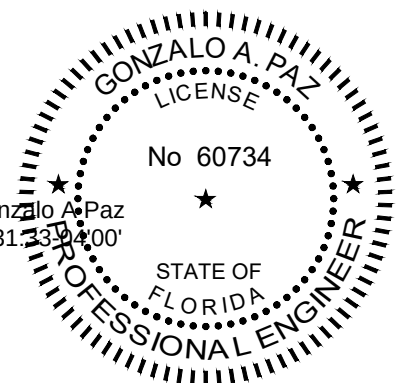
DESIGNED BY: M.M.L. | CHECKED BY: GONZALO A. PAZ

No.	DESCRIPTION	DATE	APP'D

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Digitally signed by Gonzalo A. Paz
Date: 2025.09.29 11:31:33 -0400



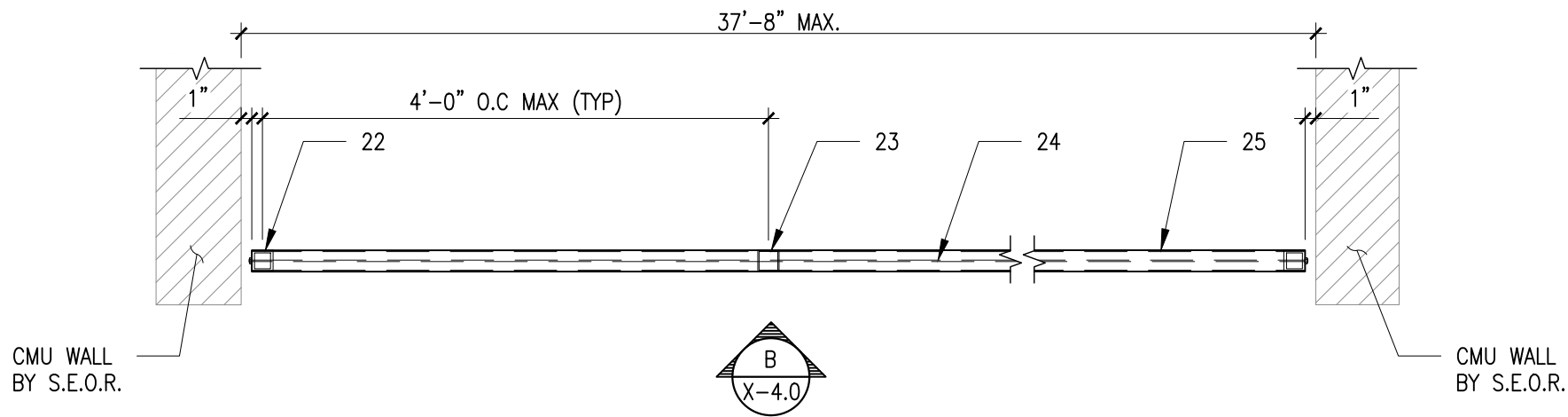
9/19/2025

GONZALO A. PAZ, PE. (Lic No-60734)

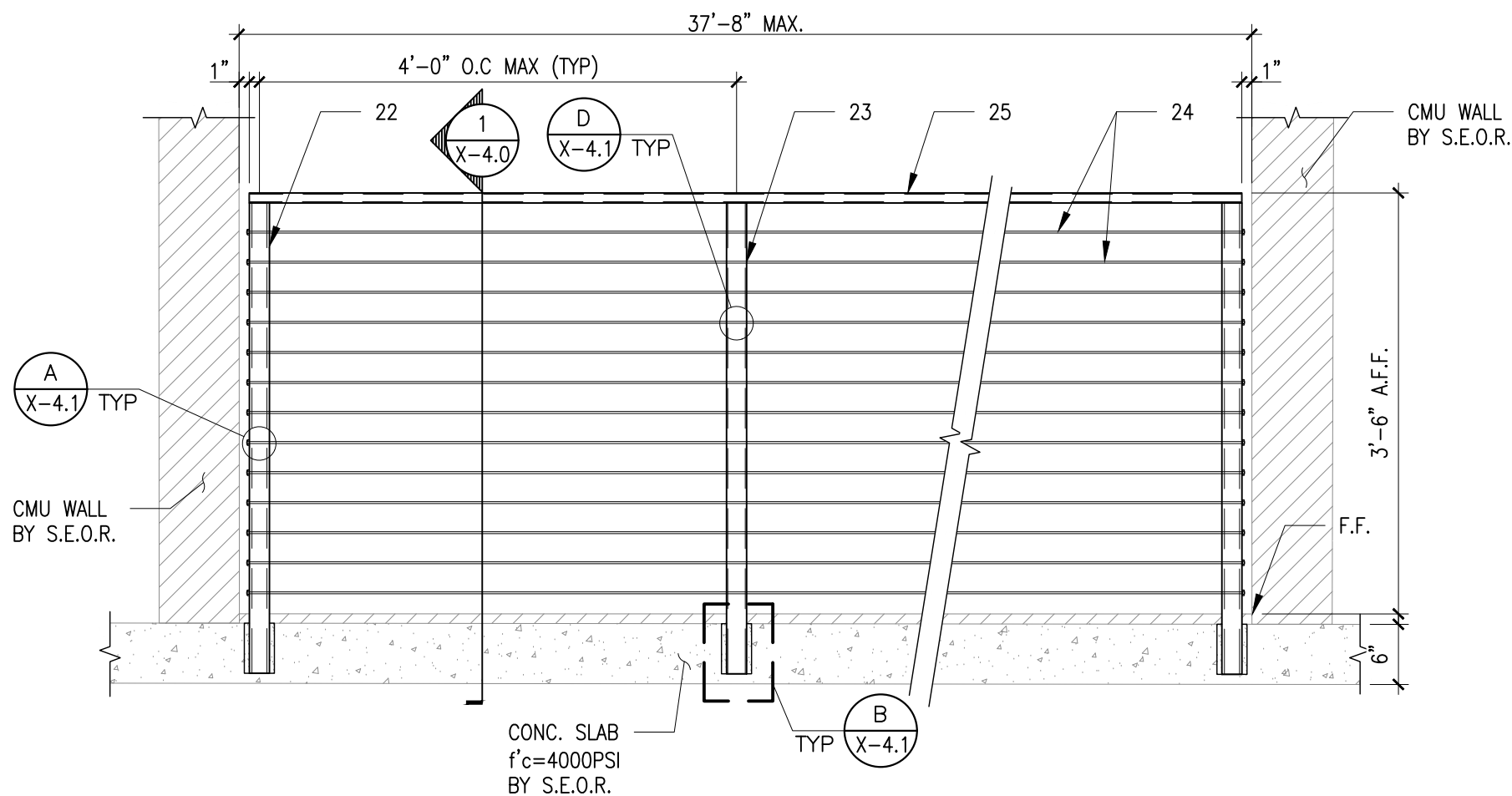
CERTIFICATE OF AUTHORIZATION No. 26655

SHEET NAME:
SECTIONS & DETAILS

X-3.4

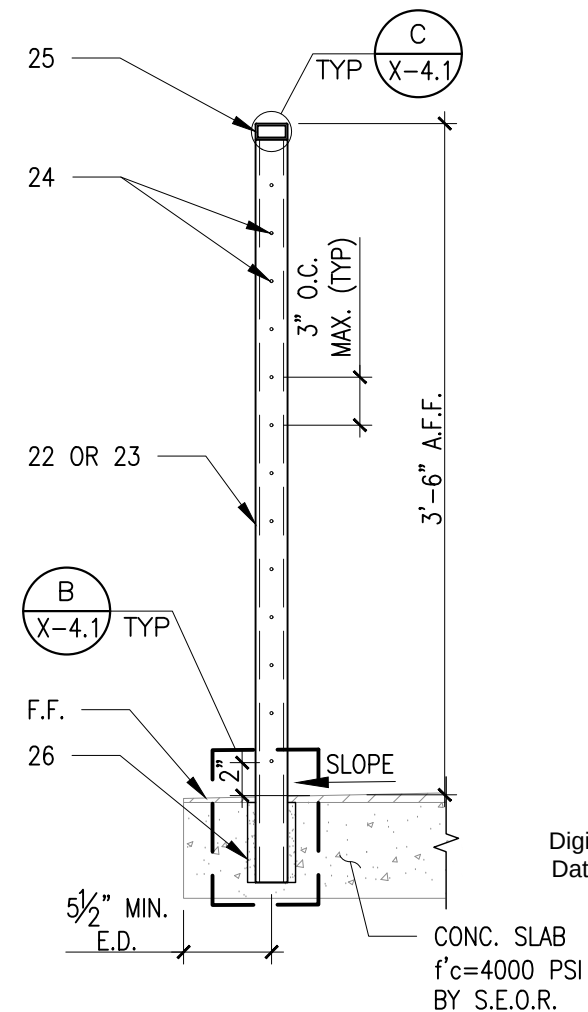


A CABLE RAILING PLAN VIEW
X-4.0 SCALE: 3/4"=1'-0"



B CABLE RAILING ELEVATION
X-4.0 SCALE: 3/4"=1'-0"

- LEGEND:
- 22. RT2X2X1/4 ALUMINUM END POST, ALLOY 6061-T6.
 - 23. RT2X2X1/8 ALUMINUM INTERMEDIATE POST @ 4'-0" O.C MAX (TYP.), ALLOY 6061-T6.
 - 24. Ø1/8" S.S CABLE SPACED AT 3" O.C MAX (TYP.) TO BE TENSIONED TO 165# PER CABLE.
 - 25. RT2X1X1/8 ALUMINUM TOP RAIL, EDGES SHALL HAVE A MINIMUM RADIUS OF 0.01", ALLOY 6061-T6.
 - 26. Ø3" CORE DRILL 5" DEEP, W/ 5-1/2" MIN EDGE DISTANCE TO EDGE OF CONCRETE, SET POST IN NON-SHRINK 8000 PSI GROUT (TYP).



1 SECTION (TYP)
X-4.0 SCALE: 1"=1'-0"

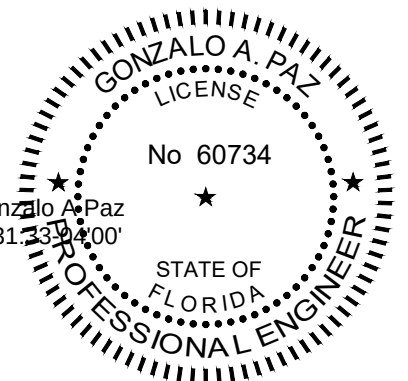
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PROJECT NAME: 6200 SW 123RD TERRACE			
JOB No.: 25-0925		VERSION: 06	DATE: 9/19/2025
LOCATION: 6200 SW 123RD TERRACE, MIAMI, FL 33156, USA			
CLIENT: NORWAY BUILDERS LLC			
PM: MARIO MORALES		DRAWN BY: G.R.S.	
DESIGNED BY: M.M.L.		CHECKED BY: GONZALO A. PAZ	
No.	DESCRIPTION	DATE	APP'D

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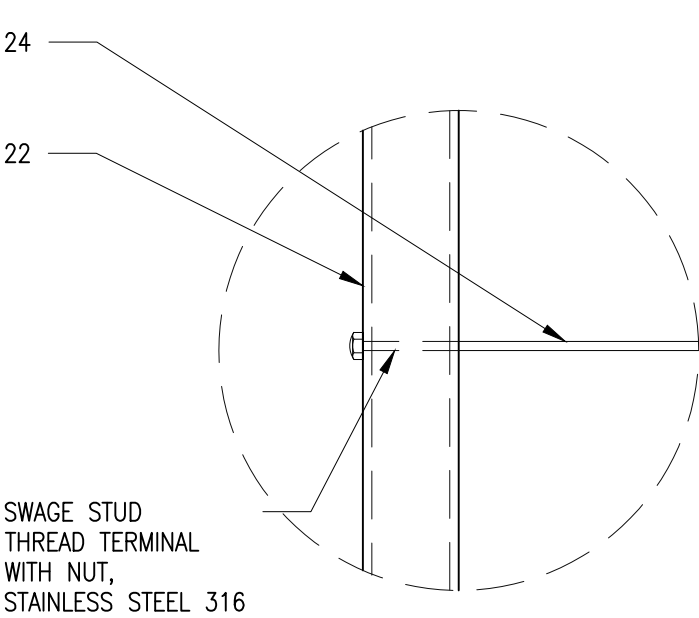
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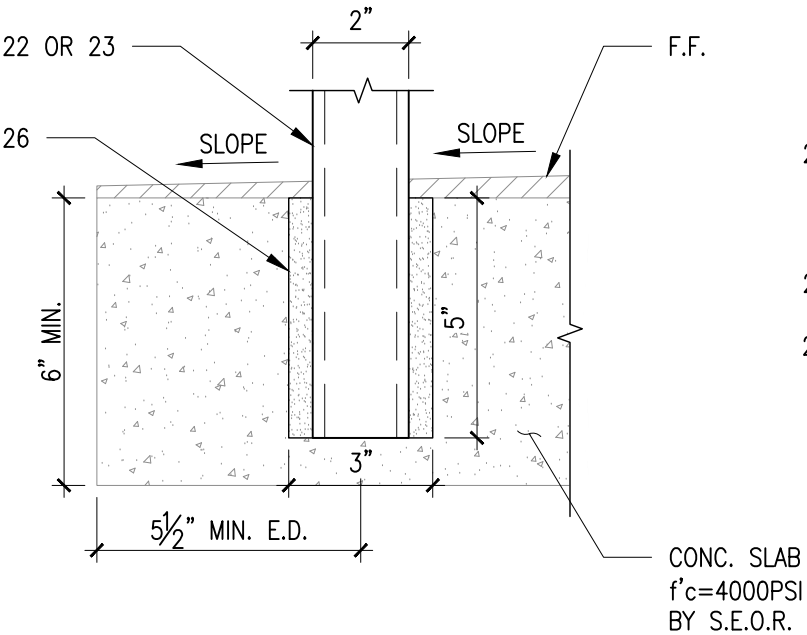
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Date: 2025.09.29 11:31:33 -0400

9/19/2025
GONZALO A. PAZ, PE. (Lic No-60734)
CERTIFICATE OF AUTHORIZATION No. 26655
SHEET NAME: CABLE RAILING PLAN VIEWS & SECTION

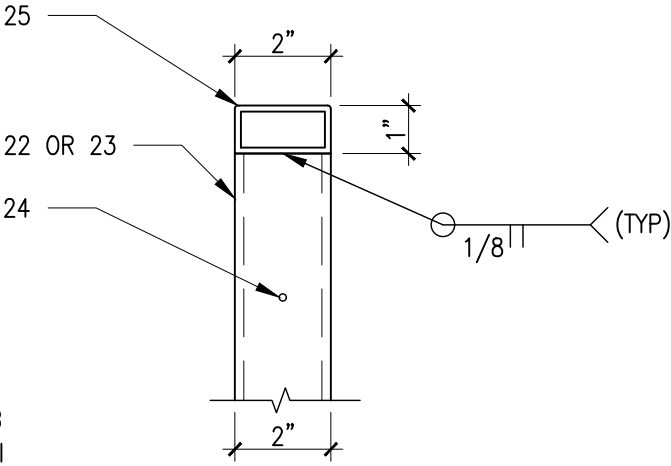
X-4.0



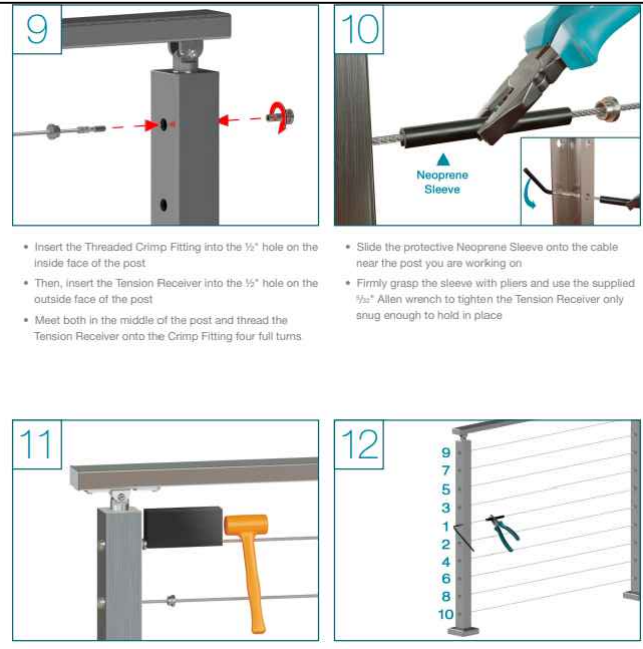
A DETAIL (TYP)
X-4.1 SCALE: 3"=1'-0"



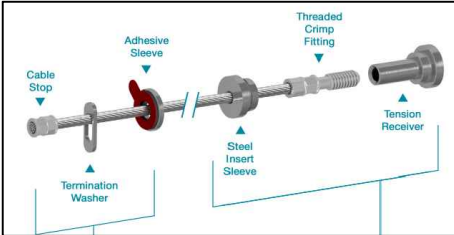
B DETAIL (TYP)
X-4.1 SCALE: 3"=1'-0"



C DETAIL (TYP)
X-4.1 SCALE: 3"=1'-0"



D DETAIL (TYP)
X-4.1 SCALE: 1"=1'-0"



- LEGEND:
- 22. RT2X2X1/4 ALUMINUM END POST, ALLOY 6061-T6.
 - 23. RT2X2X1/8 ALUMINUM INTERMEDIATE POST @ 4'-0" O.C MAX (TYP.), ALLOY 6061-T6.
 - 24. $\phi 1/8"$ S.S CABLE SPACED AT 3" O.C MAX (TYP.) TO BE TENSIONED TO 165# PER CABLE.
 - 25. RT2X1X1/8 ALUMINUM TOP RAIL, EDGES SHALL HAVE A MINIMUM RADIUS OF 0.01", ALLOY 6061-T6.
 - 26. $\phi 3"$ CORE DRILL 5" DEEP, W/ 5-1/2" MIN EDGE DISTANCE TO EDGE OF CONCRETE, SET POST IN NON-SHRINK 8000 PSI GROUT (TYP).

NOTE:
PLACEMENT OF PROTECTIVE PLASTIC CAP OR ELEMENT OF THE SYSTEM THAT SEPARATES THE CABLE FROM THE HOLE IN THE POST, BY OTHERS

CITY STAMP:



PROJECT NAME:
6200 SW 123RD TERRACE

JOB No.: 25-0925 | VERSION: 06 | DATE: 9/19/2025

LOCATION: 6200 SW 123RD TERRACE, MIAMI, FL 33156, USA

CLIENT:
NORWAY BUILDERS LLC

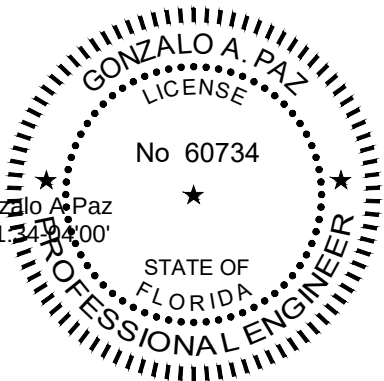
PM: MARIO MORALES | DRAWN BY: G.R.S.

DESIGNED BY: M.M.L. | CHECKED BY: GONZALO A. PAZ

No.	DESCRIPTION	DATE	APP'D

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CERTIFICATE OF AUTHORIZATION No. 26655

SHEET NAME:
DETAILS

X-4.1