12700 ROLLING ROAD

12700 ROLLING RD DR, MIAMI,
FL 33156, USA

MISC. SHOP DWGS

INDEX OF DRAWINGS

SHEET	DESCRIPTION
X–0.0	COVER PAGE
X–0.1	GENERAL NOTES
X–0.2	GENERAL NOTES
X–1.0	KEY PLAN
X–2.0	ENTRANCE CANOPY UPPER AND LOWER ROOF PLAN VIEWS
X–2.1	ENTRANCE CANOPY SECTIONS
X–3.0	SECTION AND DETAILS
X–3.1	SECTION AND DETAILS

Felix D Guerra

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GENERAL CONTRACTOR
JD ENGINEERING & CONSTRUCTION. CORP.
DBA: JD-MIAMI
Yoel Ortiz, CGC 1522799, CPC 1458944.
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O: C: (786) 312-6531 (305) 209-3636
yoel@jd-miami.com felix@jd-miami.com
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Sheet: 1

OWNER:
12700 ROLLING, LLC.
8879 SW 131st ST
MIAMI, FL. 33176

JOB TITLE:
NEW SINGLE FAMILY RESIDENCE
12700 ROLLING ROAD DR.
PINECREST, FL 33156

SHEET TITLE:

CONSULTANT:
AI2 DESIGN CORP
(305) 520-9242

FELIX DAYAN GUERRA LICENSE No. 93172 STATE OF FLORIDA PROFESSIONAL ENGINEER

ARCHITECTURE + STRUCTURE
FELIX DAYAN GUERRA
16267 SW 97th ST.
MIAMI, FL. 33196
(561) 229-2618 PE 93172

M + E + P ENGINEER
RICARDO PEREZ
19570 W 84TH AVE.
MIAMI, FL. 33015
(786) 308-9857 PE 58728

REVISIONS:

JOB:
12700 – 2409

SHEET:
X-0.0

ORIGINAL ISSUE DATE: 05-01-2024
PLOT DATE: 2026-06-10

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 RESETTING 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.
18. EASTERN ENGINEERING GROUP HAS GENERATED THESE STRUCTURAL SHOP DRAWINGS BASED ON A PROVIDED DESIGN THAT HAS BEEN DEVELOPED BY A LICENSED ARCHITECT OR A COMPETENT LICENSED DESIGN PROFESSIONAL WHO CONFIRMED COMPLIANCE WITH ALL APPLICABLE NATIONAL AND FLORIDA BUILDING CODES.
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:

CANOPY:

DL=30 PSF
LL=20 PSF
Wup=86 PSF
Wdw=60 PSF
WIND LOAD AS PER ASCE 7–22
KD=0.85, CATEGORY 2

WIND VELOCITY AS PER ASCE 7–22

		MIAMI–DADE
CATEGORY 2	----------	175 mph

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. SHOP DRAWINGS MUST BE REVIEWED AND APPROVED BY THE STRUCTURAL ENGINEER OF RECORD (E.O.R) AND BY THE ARCHITECT OF RECORD (A.O.R.) PRIOR TO FABRICATION
29. CONTRACTOR SHALL FIELD VERIFY (BY X–RAY) LOCATION OF EXISTING CABLES INTO EXISTING CONCRETE SLAB PRIOR INSTALLATION (IF APPLICABLE)

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LEGEND

A.F.F. – (ABOVE FINISH FLOOR)
A.O.R. – (ARCHITECT OF RECORD)
D.E.O.R. – (DESIGNERS OF RECORD)
E.D. – (EDGE DISTANCE)
F.F. – (FINISH FLOOR)
F.T.F. – (FINISH TO FINISH)
G.C. – (GENERAL CONTRACTOR)
HSS – (HOLLOW STRUCTURAL SECTION)
I.D. – (INSIDE DIAMETER)
O.C. – (ON CENTER)
O.D. – (OUTSIDE DIAMETER)
R.T. – (RECTANGULAR TUBE)
S.E.O.R. – (STRUCTURAL ENGINEER OF RECORD)
S.S. – (STAINLESS STEEL)
THK. – (THICKNESS)
TYP. – (TYPICAL)

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
6063–T5(ROUND& OVAL)	11.5 KSI	5.5 KSI	5.5 KSI	2.8 KSI
6063–T6(TUBES & SHAPES)	15.0 KSI	4.8 KSI	8.5 KSI	2.8 KSI
6063–T6(ROUND & OVAL)	18.0 KSI	5.5 KSI	8.5 KSI	2.5 KSI
6005–T5(TUBES & SHAPES)	19.0 KSI	8.0 KSI	12.0 KSI	4.0 KSI
6005–T5(ROUND & OVAL)	24.0 KSI	9.0 KSI	12.0 KSI	4.5 KSI
6061–T6(TUBES & SHAPES)	19.0 KSI	9.0 KSI	12.0 KSI	5.0 KSI
6061–T6(ROUND & OVAL)	24.0 KSI	10.5 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.

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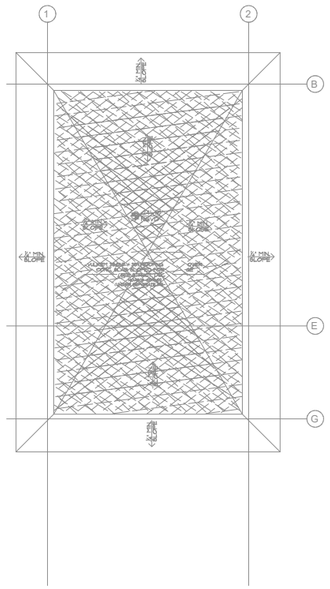

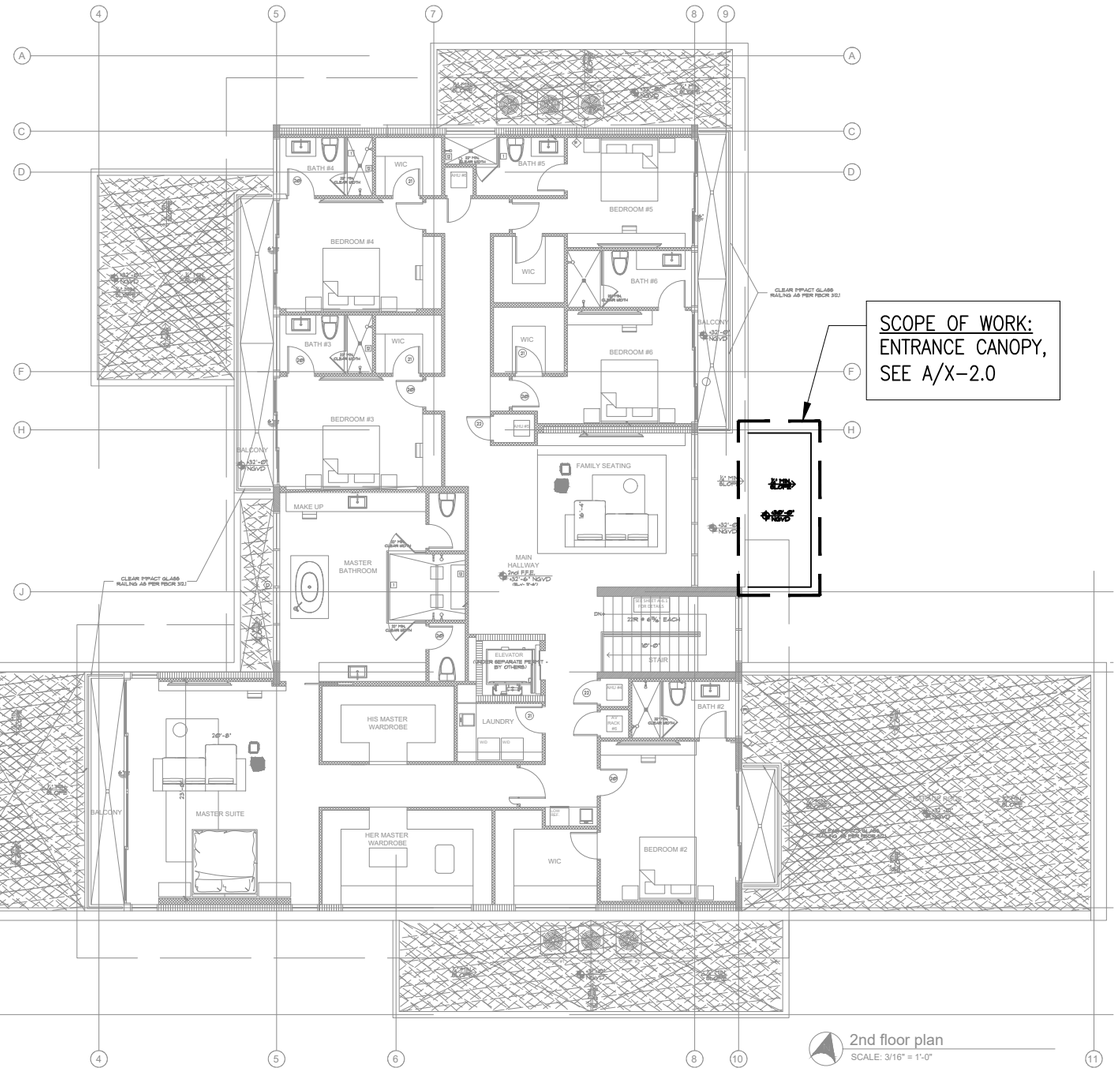

A SECOND FLOOR KEY PLAN

X-1.0

SCALE: 1/16"=1'-0"

Felix D Guerra

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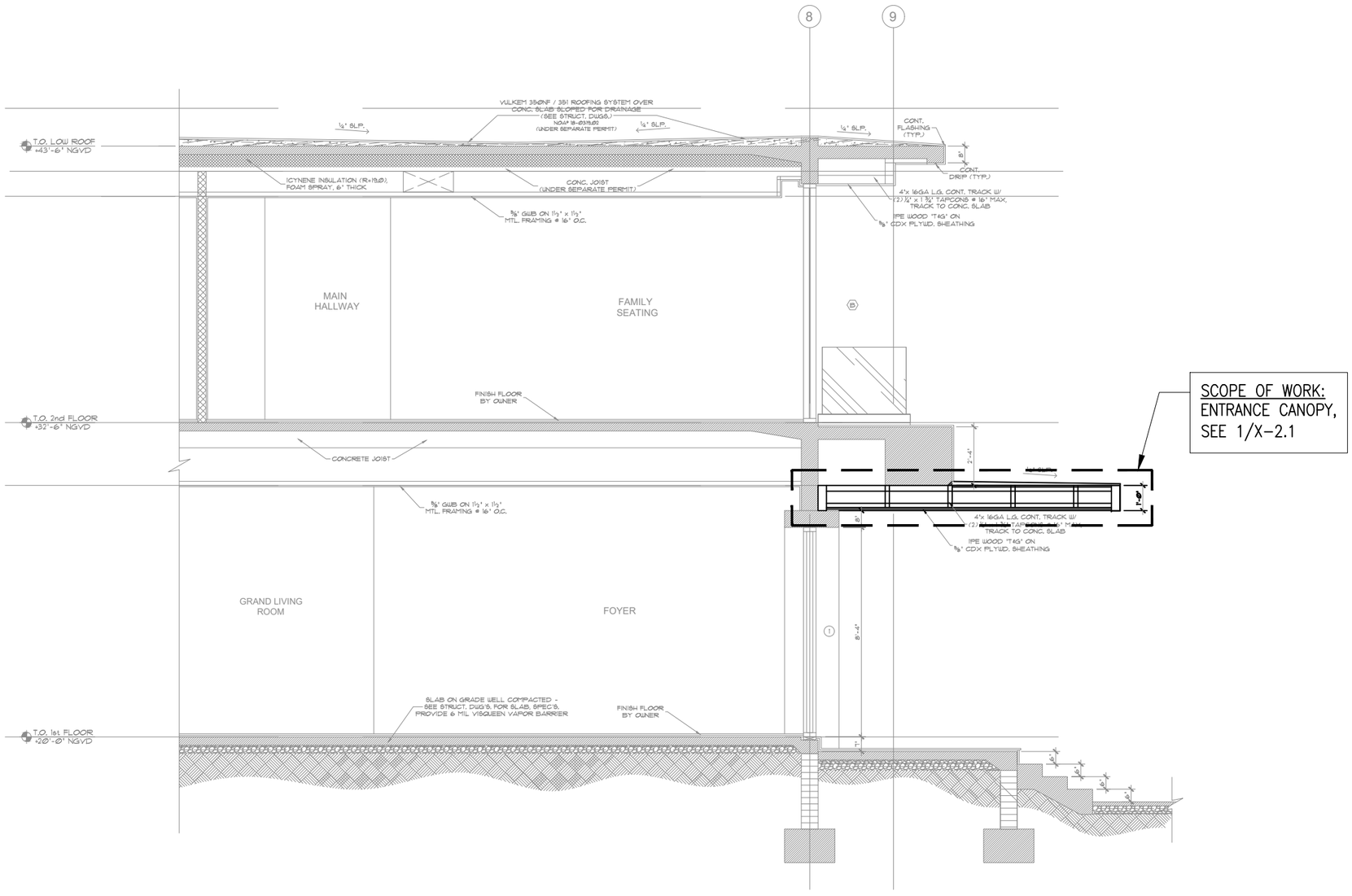

A SECTION
Scale: 1/2" = 1'-0"

A SECTION BUILDING

X-1.1

SCALE: 1/16"=1'-0"

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LEGEND:
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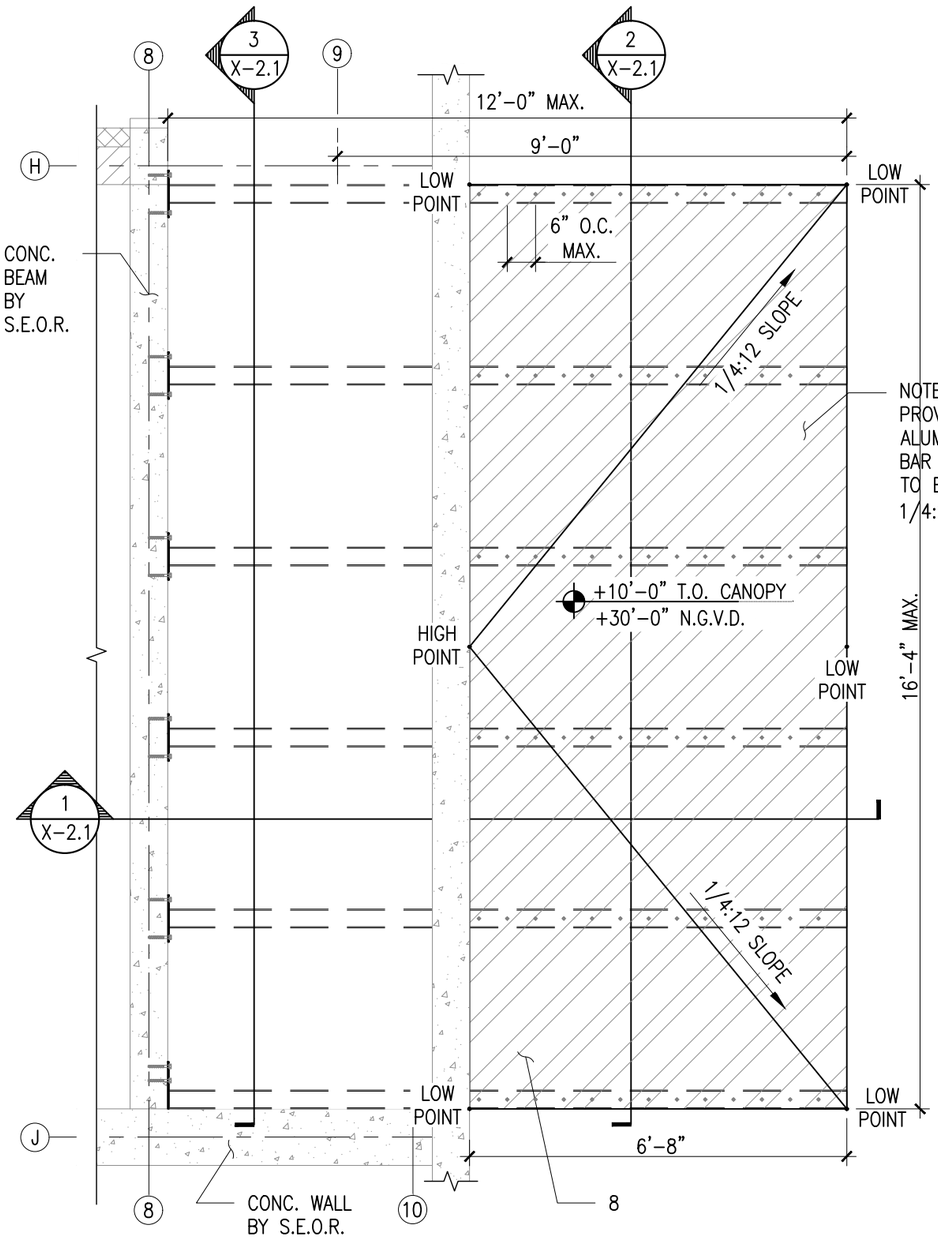
3. RT2X1X1/8 ALUMINUM SECUNDARY MEMBER @ 1'-0" O.C. MAX. (TYP), ALLOY 6061-T6
8. 3/16" THK. ALUMINUM PLATE, ALLOY 6061-T6 TO BE MECHANICALLY CONNECTED TO THE ALUMINUM MEMBERS W/ 1/4-20 TEK SCREWS @ 6" O.C.



A ENTRANCE CANOPY UPPER ROOF PLAN VIEW
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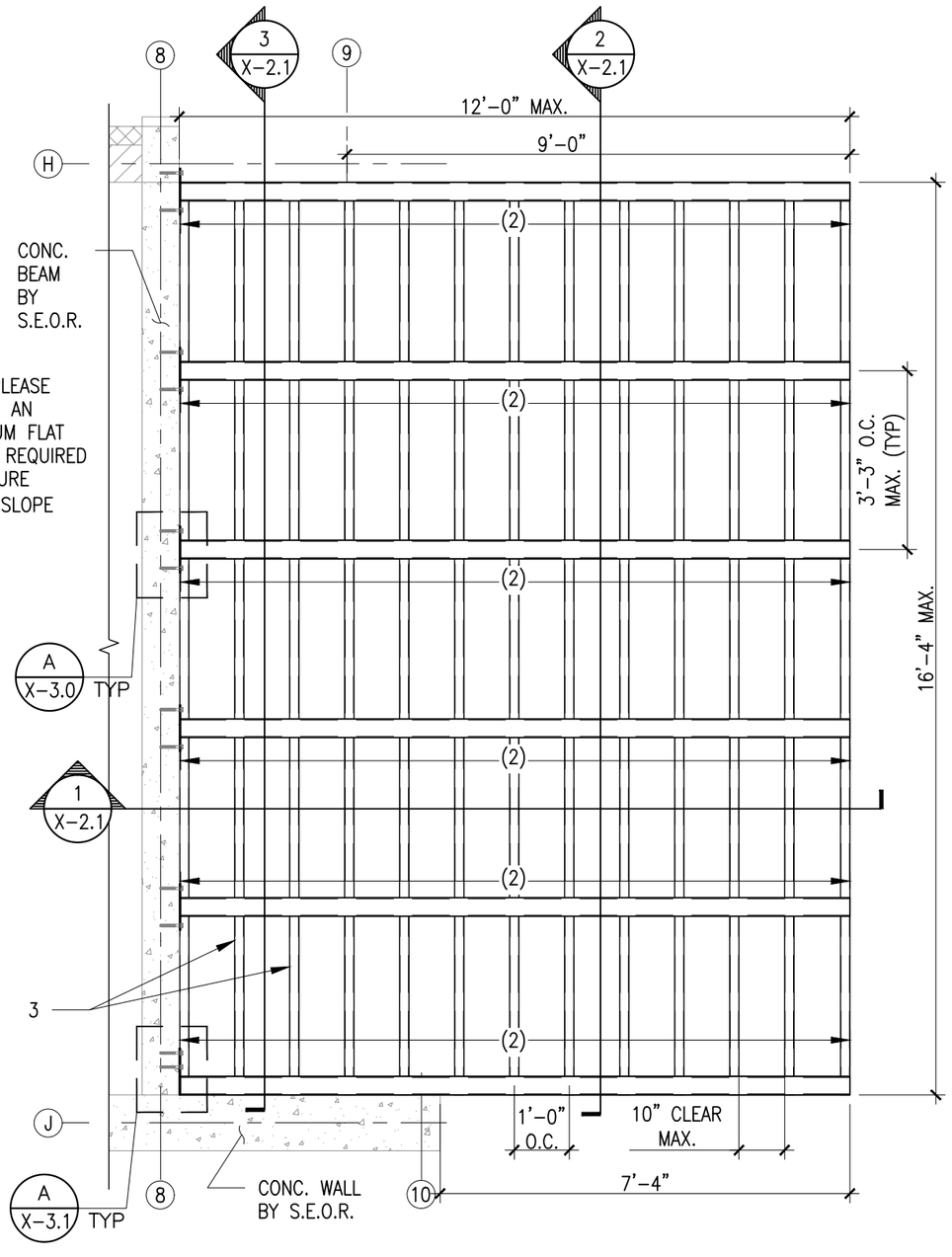
SCALE: 3/8"=1'-0"



B ENTRANCE CANOPY LOWER PLAN VIEW
B / X-2.0
SCALE: 3/8"=1'-0"

Felix D Guerra
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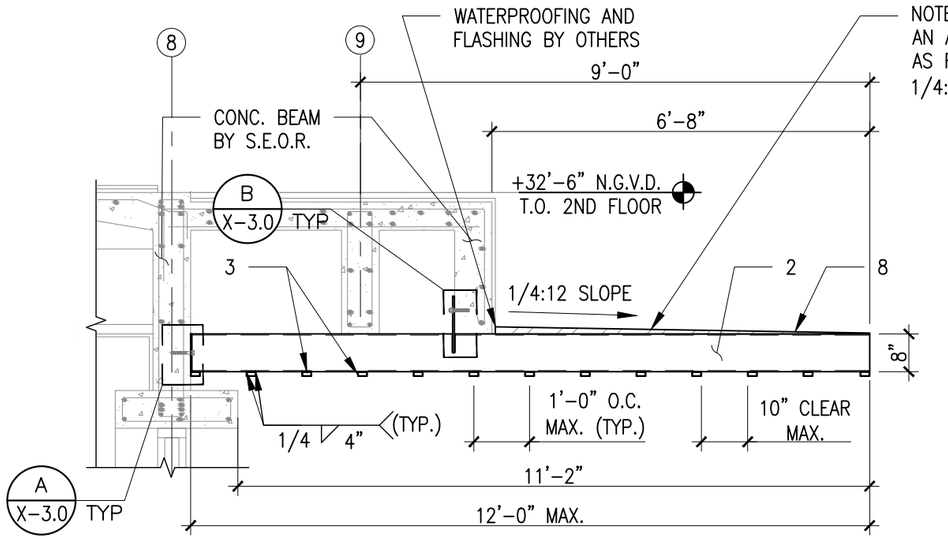

1 ENTRANCE CANOPY SECTION (TYP)

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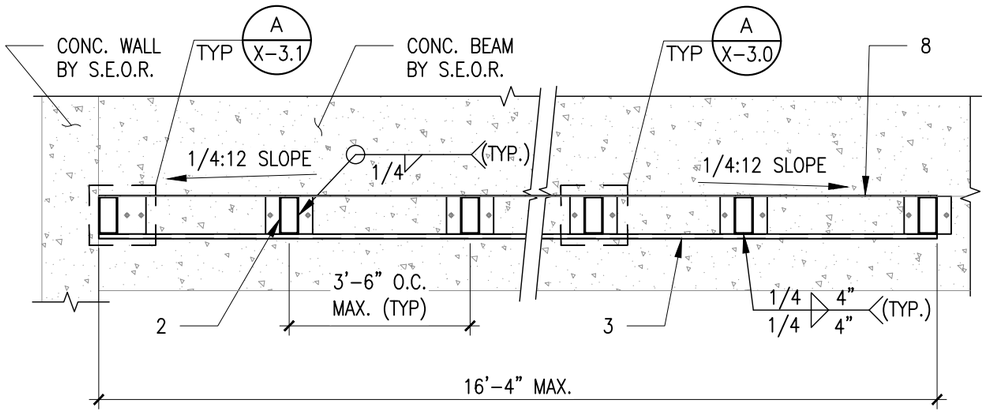

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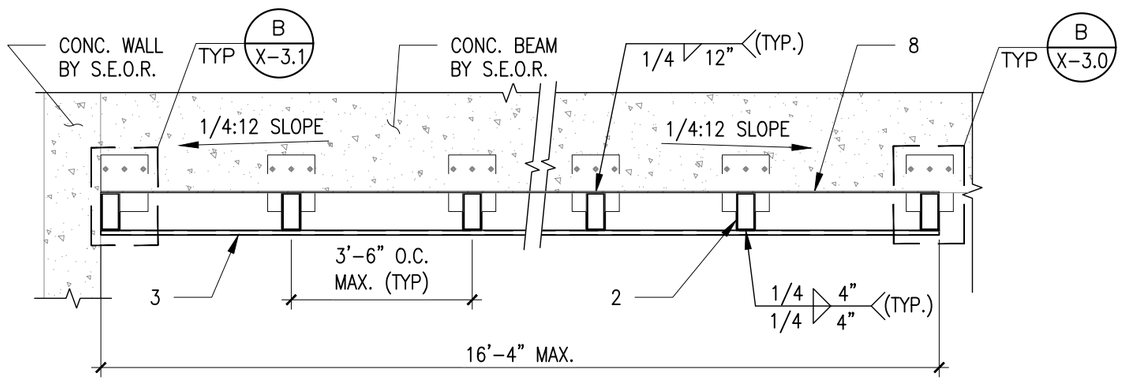

2 ENTRANCE CANOPY SECTION (TYP)

X-2.1

SCALE: 3/8"=1'-0"

LEGEND:

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3. RT2X1X1/8 ALUMINUM SECUNDARY MEMBER @ 1'-0" O.C. MAX. (TYP), ALLOY 6061-T6
8. 3/16" THK. ALUMINUM PLATE, ALLOY 6061-T6 TO BE MECHANICALLY CONNECTED TO THE ALUMINUM MEMBERS W/ 1/4-20 TEK SCREWS @ 6" O.C.

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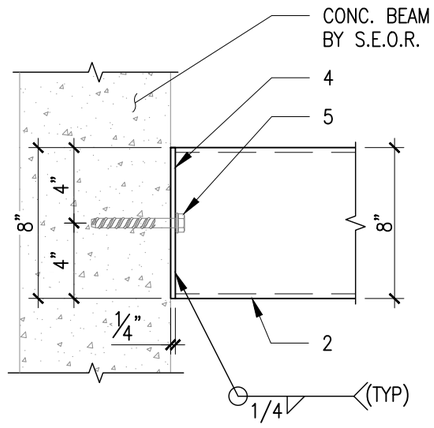
REVISIONS:

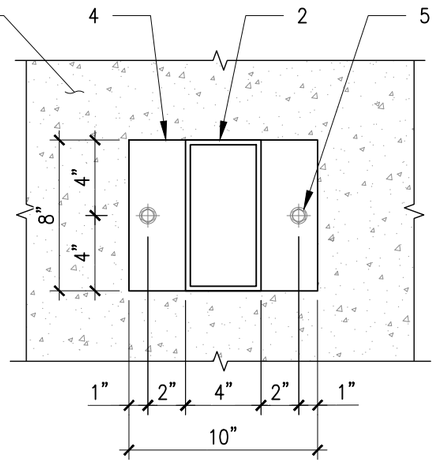
JOB:
12700 – 2409

SHEET:
X-2.1

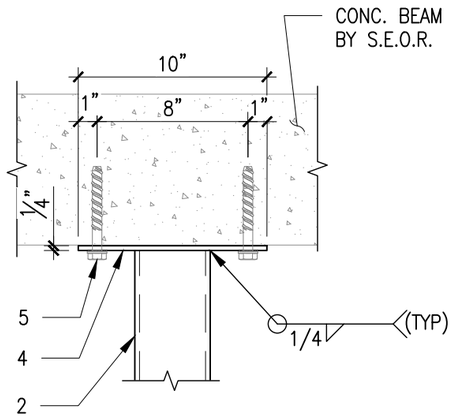
ORIGINAL ISSUE DATE: 05-01-2024
PLOT DATE: 2026-06-10



SIDE VIEW



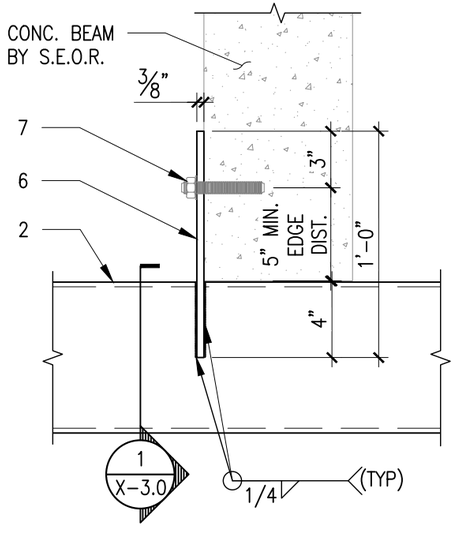
FRONT VIEW



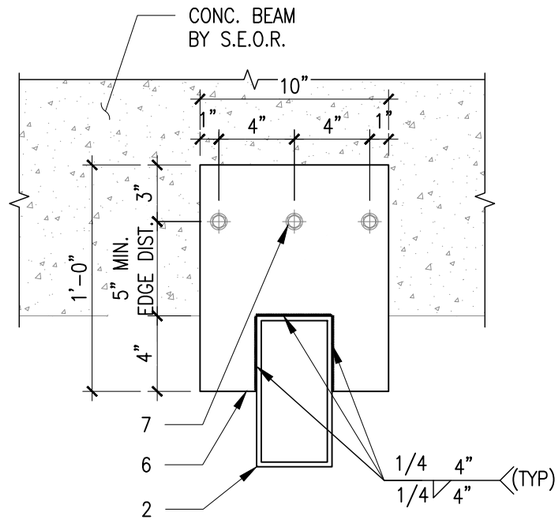
PLAN VIEW

A X-3.0 DETAIL (TYP)

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



SIDE VIEW



FRONT VIEW

LEGEND:

2. RT8X4X1/4 ALUMINUM BEAM @ 3'-3" O.C. MAX. (TYP), ALLOY 6061-T6
4. PL1/4X10X8 ALUMINUM PLATE, ALLOY 6061-T6
5. ø5/8" C6+ THREADED ROD A36 CARBON STEEL W/ 2-1/2" MIN. EMBEDMENT, 8" SPACING AND 5" MIN. EDGE DISTANCE
6. 3/8" THK. ALUMINUM PLATE, ALLOY 6061-T6.
7. ø5/8" C6+ THREADED ROD A36 CARBON STEEL W/ 2-1/2" MIN. EMBEDMENT, 4" SPACING AND 5" MIN. EDGE DISTANCE

B X-3.0 DETAIL (TYP)

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

1 X-3.0 SECTION (TYP)

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

Felix D Guerra

Digitally signed by Felix D Guerra
DN: c=US, o=D and SG Engineering Group INC, dnQualifier=A01410D0000019B951B44DB002D6574, cn=Felix D Guerra
Date: 2026.07.10 15:14:25 -04'00'

GENERAL CONTRACTOR
JD ENGINEERING & CONSTRUCTION. CORP.
DBA: JD-MIAMI
Yoel Ortiz, CGC 1522799, CPC 1458944.
A: 8879 SW 131st ST MIAMI, FL. 33176
O: C: (786) 312-6531 (305) 209-3636
jdengineeringandconstruction@yahoo.com
www.jd-miami.com

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Sheet: 1

OWNER:
12700 ROLLING, LLC.
8879 SW 131st ST
MIAMI, FL. 33176

JOB TITLE:
NEW SINGLE FAMILY RESIDENCE
12700 ROLLING ROAD DR.
PINECREST, FL 33156

SHEET TITLE:

CONSULTANT:

AI2 DESIGN CORP
(305) 520-9242

FELIX DAYAN GUERRA LICENSE No. 93172 STATE OF FLORIDA PROFESSIONAL ENGINEER

ARCHITECTURE + STRUCTURE
FELIX DAYAN GUERRA
16267 SW 97th ST.
MIAMI, FL. 33196
(561) 229-2618 PE 93172
M + E + P ENGINEER
RICARDO PEREZ
19570 W 84TH AVE.
MIAMI, FL. 33015
(786) 308-9857 PE 58728

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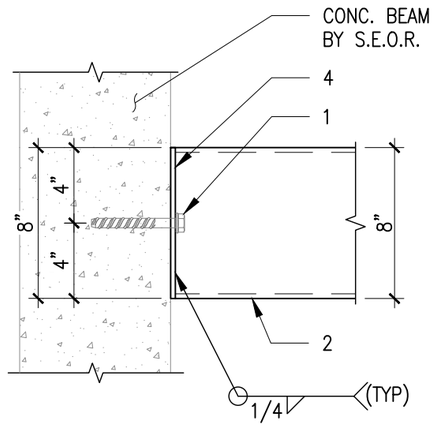
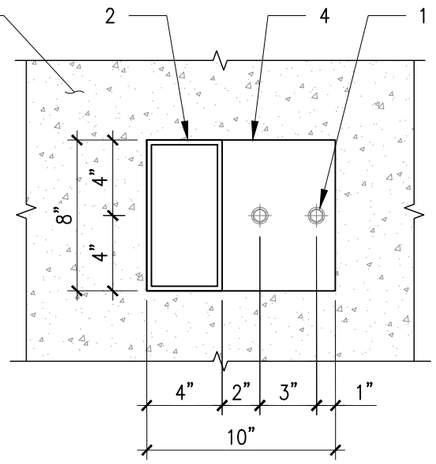
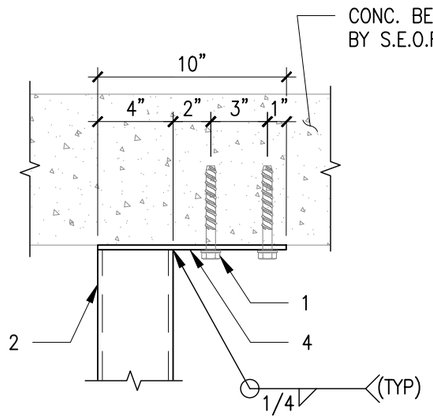


SIDE VIEW



FRONT VIEW

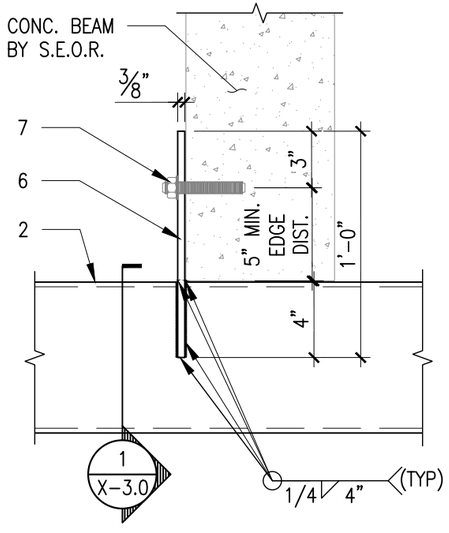


PLAN VIEW

A — DETAIL (TYP)

X-3.1

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



SIDE VIEW

B — DETAIL (TYP)

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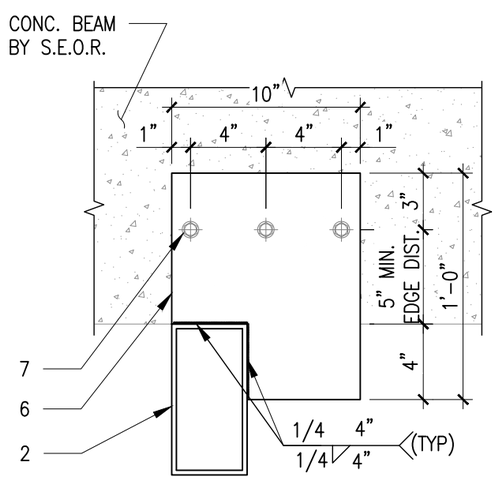
SCALE: 1 1/2"=1'-0"



FRONT VIEW

1 — SECTION (TYP)

X-3.1

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

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