



RENOVATION OF
EPIPHANY CATHEDRAL
CATHOLIC CHURCH
 310 Sarasota St, Venice, FL 34285

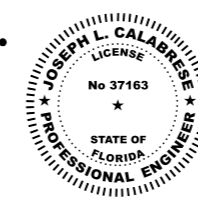
BUILDER :

PERMIT SET

ARCHITECTURE:

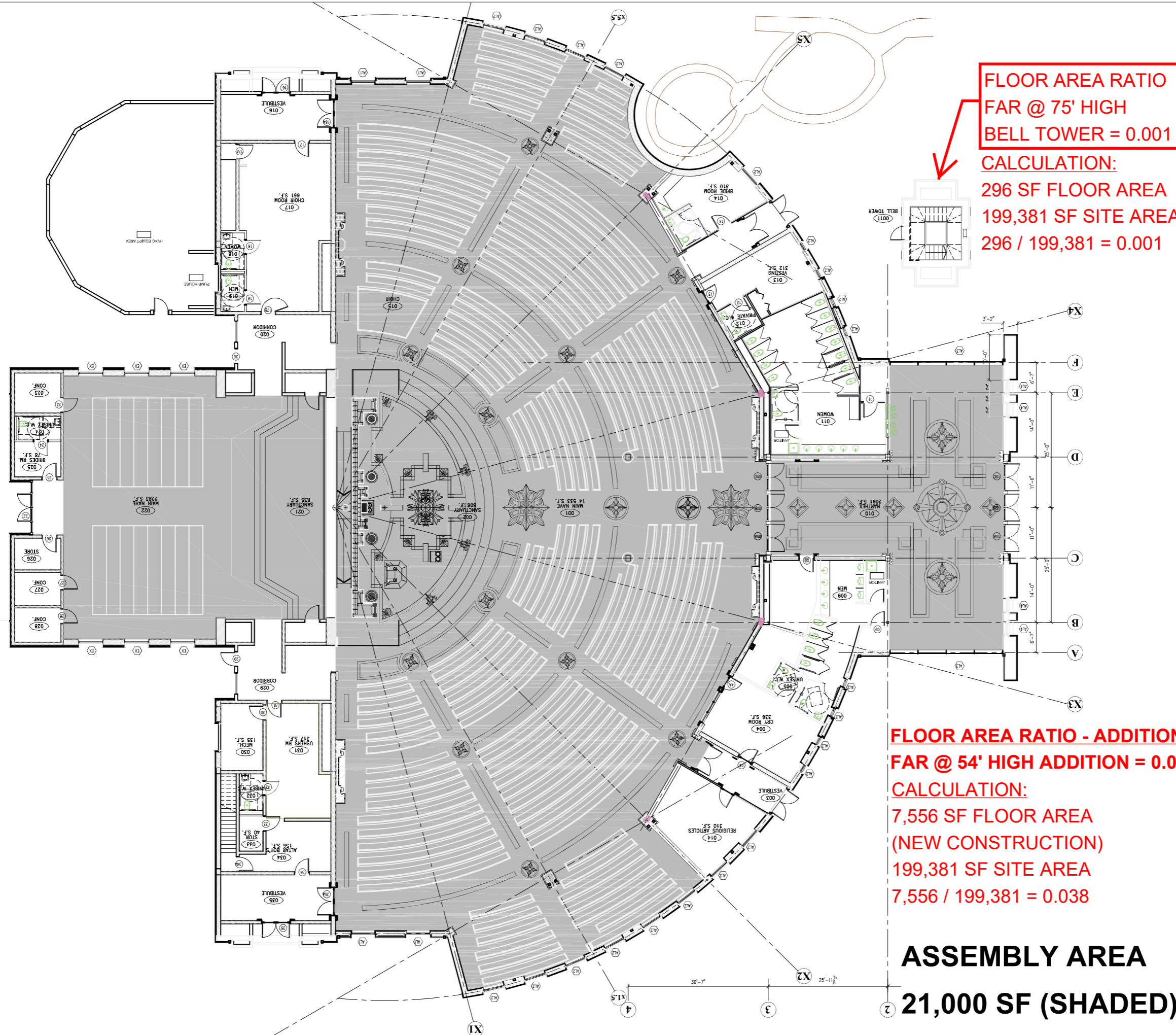
Baker Liturgical Art
 1210 Meriden Waterbury Rd Plantsville CT 06479
 Tel.: 860-621-7471

JOSEPH L. CALABRESE, P.C.
CONSULTING ENGINEERS
 WATERBURY, CT
 tel.: /203/410-3958
 calabrese@snet.net



Digitally signed by Joseph L. Calabrese
 DN: cn=Joseph L. Calabrese, o=Joseph
 L. Calabrese, P.C., ou,
 email=calabrese@snet.net, c=US
 Date: 2023.03.03 06:33:11 -05'00'





**FLOOR AREA RATIO
FAR @ 75' HIGH
BELL TOWER = 0.001**

CALCULATION:
296 SF FLOOR AREA
199,381 SF SITE AREA
296 / 199,381 = 0.001

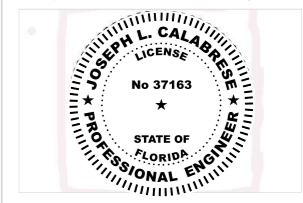
**FLOOR AREA RATIO - ADDITION
FAR @ 54' HIGH ADDITION = 0.038**

CALCULATION:
**7,556 SF FLOOR AREA
(NEW CONSTRUCTION)**
199,381 SF SITE AREA
7,556 / 199,381 = 0.038

**ASSEMBLY AREA
21,000 SF (SHADED)**

ARCHITECTURE:

HARA-ARCH LLC
 RESIDENTIAL & COMMERCIAL
 ARCHITECTURAL DESIGN
 SERVICES, ARTISTICAL ART
 East Hampton CT TEL: 860-467-6786 E-Mail: harabaz@gmail.com



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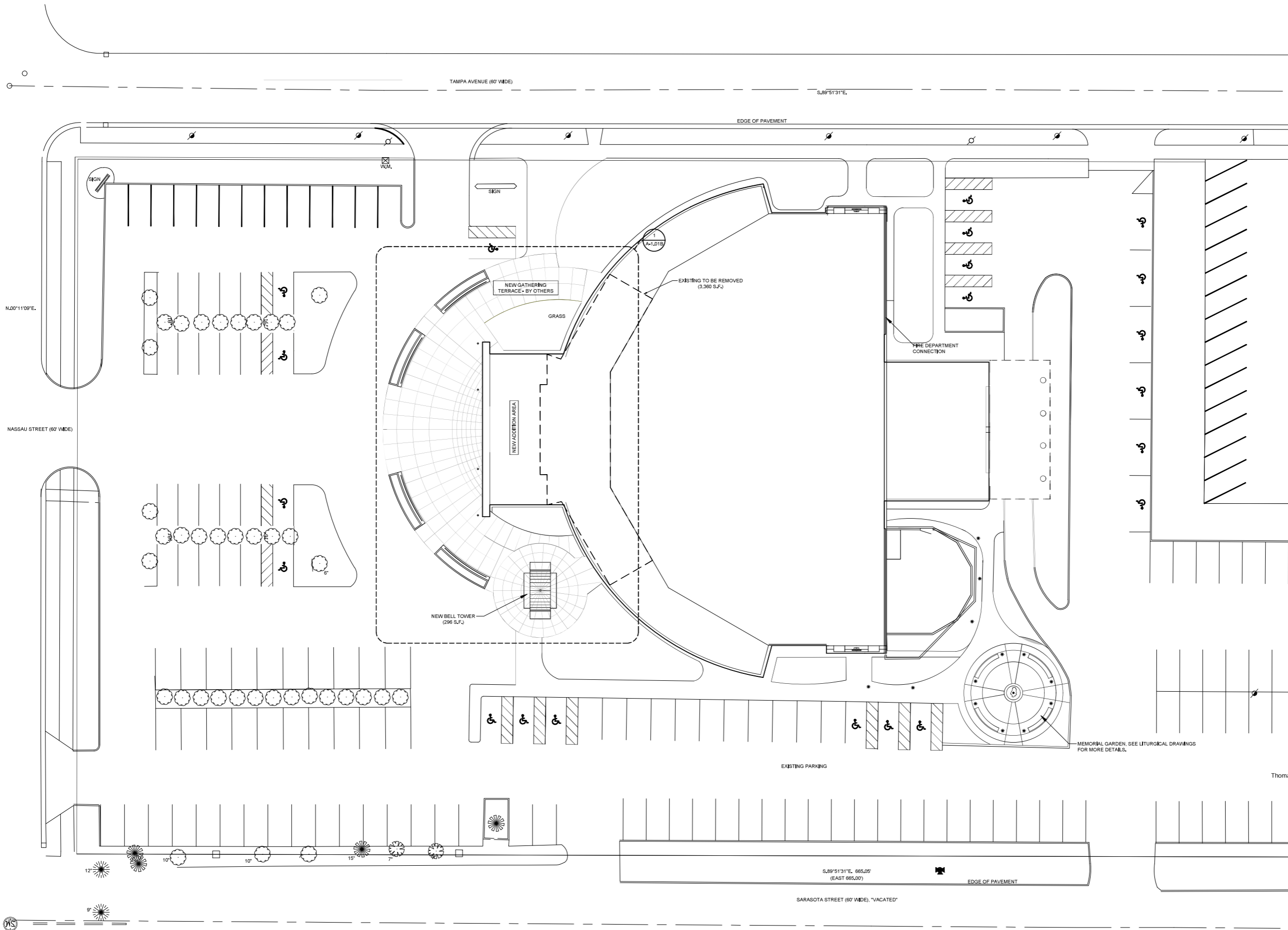
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 Date: 2023.03.03 06:33:11 -05'00'

**RENOVATION OF
 EPIPHANY CATHEDRAL
 CATHOLIC CHURCH**
 310 Sarasota St, Venice, FL 34285

PROGRESS SET

Date	01/31/2023
Scale	AS NOTED

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ARCHITECTURAL SITE PLAN
SCALE: 1/16" = 1'-0"



REVISIONS		
NO.	DATE	NOTES

THOMAS DUKE
ARCHITECT, P.A.
2345 HARPER STREET
JACKSONVILLE, FLORIDA 32204
(904) 356-3335
LIC. #AA 26001414

RENOVATIONS & ALTERATIONS TO
EPIPHANY CATHEDRAL
310 SARASOTA ST
VENICE, FLORIDA 34285



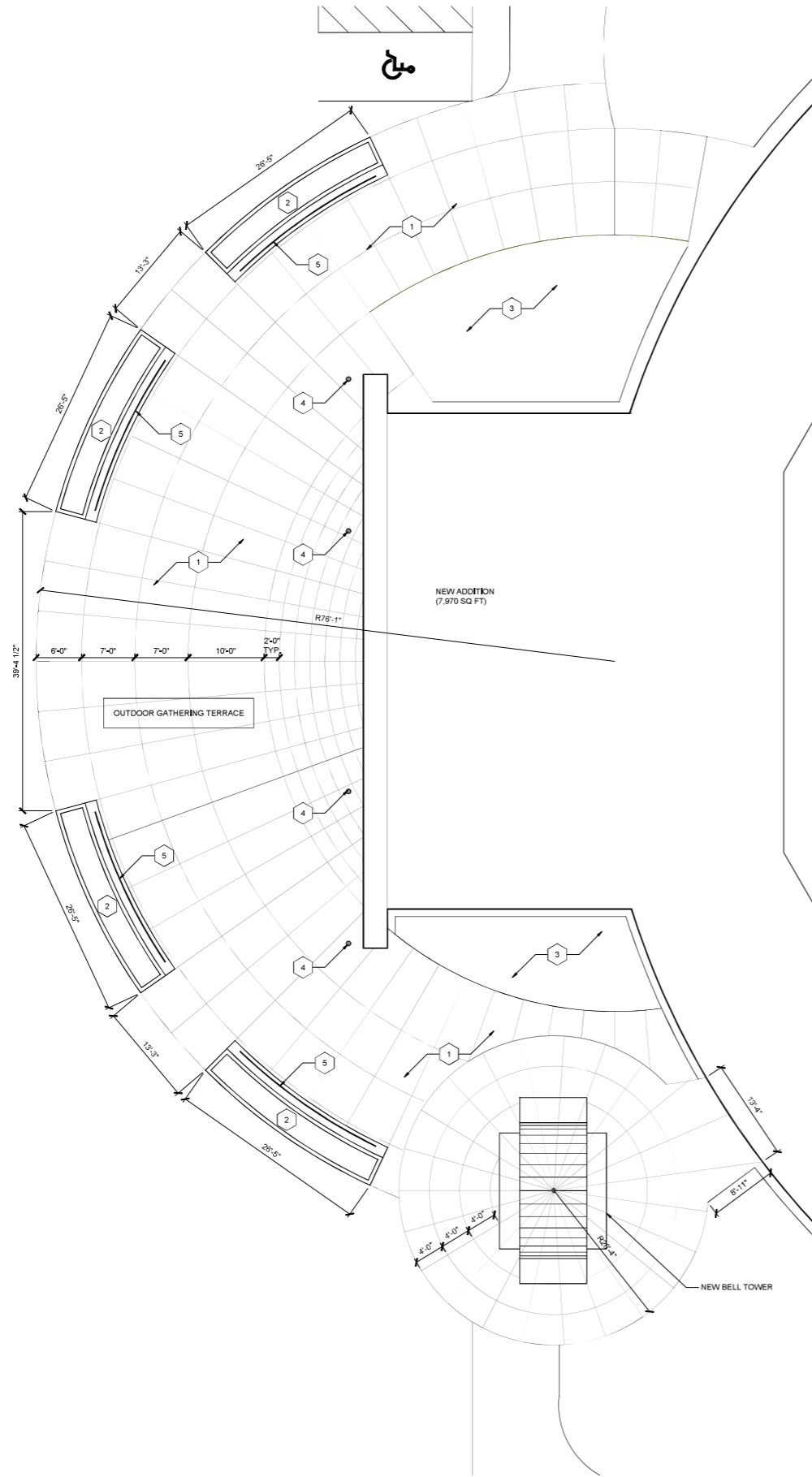
RELEASED FOR CONSTRUCTION
DATE: 16 JUNE 2023

ARCHITECTURAL
SITE PLAN

DRAWN BY: CEM | CHECKED BY: TED
PROJECT NO. 1022

SHEET
A-1.01A

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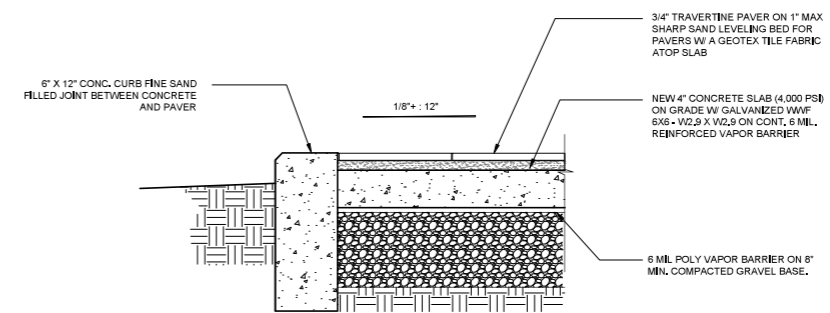


1 ENLARGED GATHERING TERRACE
A-1.01B SCALE: 1/8" = 1'-0"

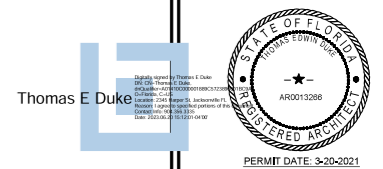


KEYNOTES

- 1 EXTERIOR 3/4" TRAVERTINE - TUMBLED PAVERS SET OVER 4" THICK CONCRETE BASE SLAB
- 2 NEW PRECAST CONCRETE PLANTER WITH BUILT-IN SEATING (TYP.) - AS SELECTED BY OWNER
- 3 NEW PRECAST CONCRETE PLANTER TO BE INSTALLED IN THIS AREA. VERIFY DIMENSIONS IN FIELD PRIOR TO FABRICATION
- 4 IN-GRADE FACADE LIGHTING - INSTALL 2'-0" FROM BLDG. (LIGHTING CONSULTANT TO VERIFY) BK LIGHTING HP2 LED TR X44 FL SAP D34INC MT
- 5 UNDER-BENCH LIGHTING (LIGHTING CONSULTANT TO VERIFY) DIODE LED DI 120V INFX 35 CSTM 18' DHNF-MTCL-5



TRAVERTINE PAVER DETAIL (AT CURB)
SCALE: 1-1/2" = 1'-0"



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ENLARGED
GATHERING
TERRACE PLAN

DRAWN BY: CEM CHECKED BY: TED

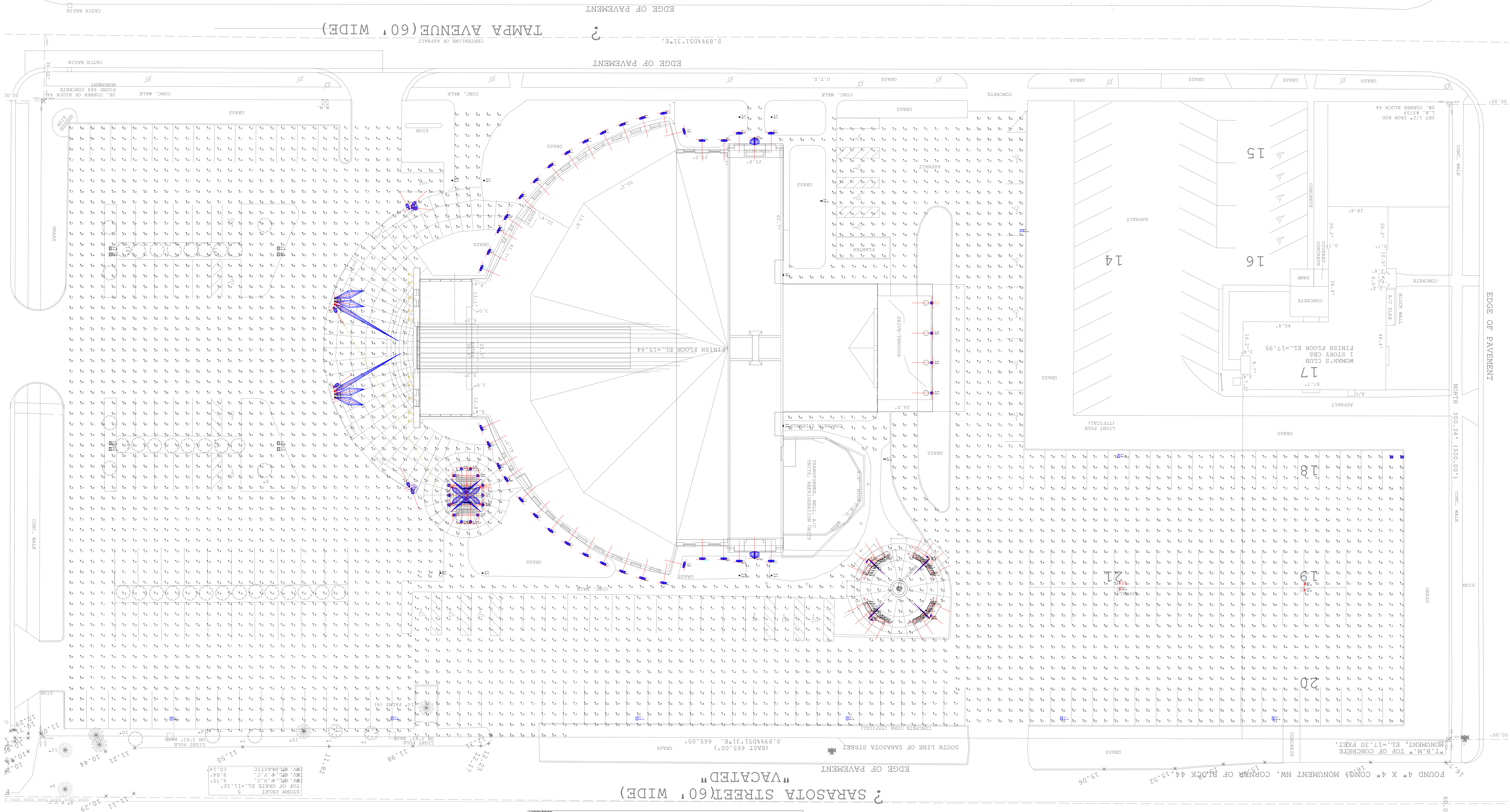
PROJECT NO. 1022

SHEET
A-1.01B

Luminaire Schedule Symbol	Qty	Label	Arrangement	Description	Tag	LLF	Luminaire Lumens	Luminaire Watts	Total Watts
36	SL-7	Single	146-0497_us +665-8135	SL-7	0.900	2744	27	972	
44	SL-6	Single	VIP-24V-ENC400-28-IES_File	SL-6	0.250	416	4.8	211.2	
8	EL-1	Single	OPF-S-A06-830-T3M	EL-1	0.900	16102	123.2008	985.606	
4	EL-2	Single	OPF-S-A06-830-T3M	EL-2	0.900	16102	123.2008	492.803	
2	SL-1	Single	OPF-S-A06-830-T3M	SL-1	0.900	16102	123.2008	246.402	
8	SL-10	Single	117-0199_us	SL-10	0.900	1070	20	160	
2	SL-4	Single	146-0408 +146-0418	SL-4	0.900	2866	27	54	
10	SL-5	Single	185-3091	SL-5	0.900	1803	21	210	
16	SL-5B	Single	185-2778_us	SL-5B	0.900	361	3.8	60.8	
8	SL-2	Single	OPF-S-A06-830-T4W	SL-2	0.900	15289	123.2008	985.606	
4	SL-7B	Single	139-1836_us	SL-7B	0.900	4674	41	164	
6	SL-7C	Single	139-1838_us	SL-7C	0.900	4397	41	246	
1	SL-7D	Single	139-1901_us	SL-7D	0.900	2463	27	27	
7	SL-7F	Single	139-1907_us	SL-7F	0.900	2391	27	189	
4	SL-7G	Single	145-0123_us	SL-7G	0.900	1497	14.5	58	
4	SL-7H	Single	145-0117_us	SL-7H	0.900	1347	14.5	58	
5	SL-8	Single	PEX_10W_40K_10'X60'_SM_120	SL-8	0.900	2877	40.68	203.4	
2	SL-9	Single	131-9579_us	SL-9	0.900	1808	29	58	
18	SL-5A	Single	185-3686	SL-5A	0.900	1996	21	378	

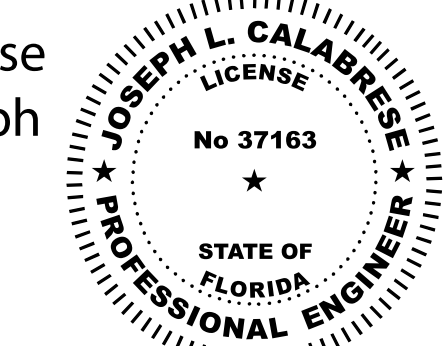
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Back Entrance North	Illuminance	Fc	2.45	4.6	1.5	1.63	3.07
Back Entrance South	Illuminance	Fc	2.14	4.0	1.1	1.95	3.64
Back Parking Lot	Illuminance	Fc	2.64	6.1	0.4	6.60	15.25
Front Parking Lot	Illuminance	Fc	2.30	6.8	0.7	3.29	9.71
Gathering Terrace	Illuminance	Fc	2.94	5.7	0.9	3.27	6.33
Memorial Garden	Illuminance	Fc	4.75	10.2	0.9	5.28	11.33
parking lot 2	Illuminance	Fc	1.76	3.4	0.8	2.20	4.25
South Sidewalk	Illuminance	Fc	2.12	7.8	0.7	3.03	11.14
Tampa Ave Entrance Sidewalk	Illuminance	Fc	2.34	7.8	0.7	3.34	11.14
Tampa Ave Entrance Sidewalk 2	Illuminance	Fc	2.23	9.5	0.6	3.72	15.83

Hours of operation: 7 days per week / 7:00 am-10:00 pm
Footcandle levels shall not exceed 0.5 footcandles next to residential zoning or 1.0 footcandles for all other uses.



PHOTOMETRY
Scale: 1 inch= 20 Ft.

Digitally signed by Joseph L. Calabrese
 DN: cn=Joseph L. Calabrese, o=Joseph L. Calabrese, P.C., ou,
 email=calabrese@snet.net, c=US
 Date: 2023.03.03 06:33:11 -05'00'



PHOTOMETRY
DRAWING #PH-1

Date: 8/1/2023

Page 1 of 1

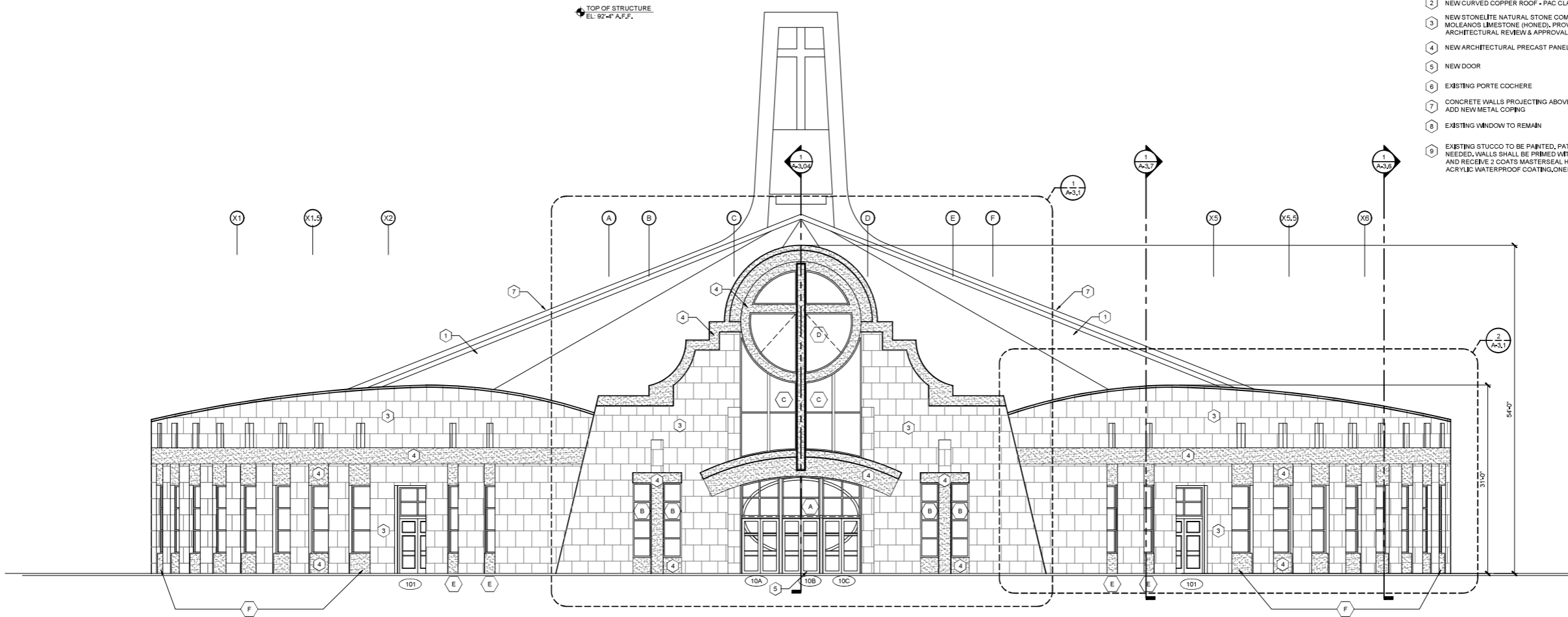
Sales Rep: Allison Hunter
 Office: Jacksonville, FL
 Contact: ahunter@sescolighting.com
 Processed By:
 Filename: Epiphany Site Lighting Calculation.AGI

EPIPHANY CATHEDRAL
VENICE, FL

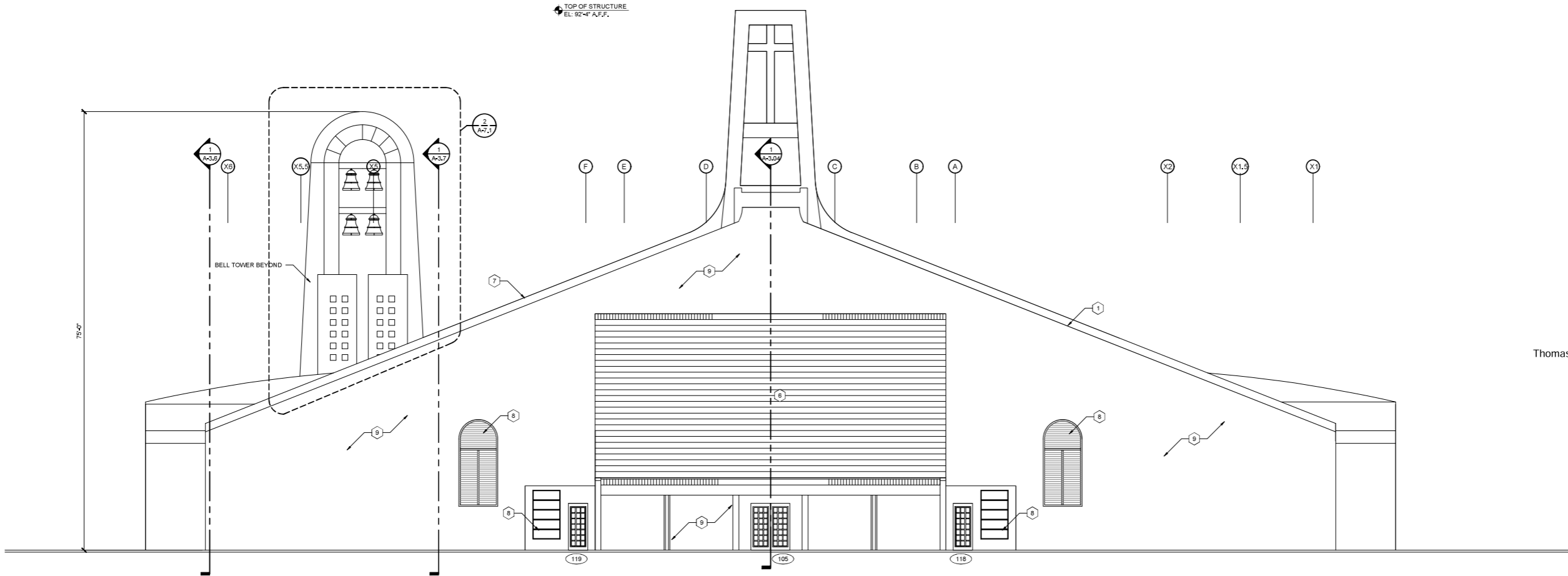
Disclaimer: SESCO Lighting provides this photometric report for purposes of comparison within the SESCO Lighting product line only. The information provided is based on standardized industry procedures. This laboratory performance will always differ from that observed in the field due to a great number of variables, both known and unknown (installation methods, power quality, lamping, recoverable and non-recoverable light loss factors, etc). In general, SESCO Lighting considers numerical studies to be predictive in that they cannot characterize the visual performance of any luminaire, single or grouped. As such, specification decisions must be thoroughly based upon experience, consultation with the manufacturer, and, above all, common sense.



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1 RENOVATION EAST ELEVATION
SCALE: 1/8" = 1'-0"



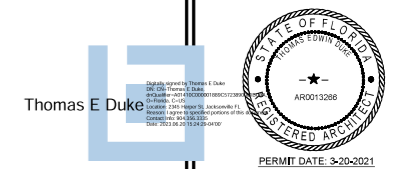
2 RENOVATION WEST ELEVATION
SCALE: 1/8" = 1'-0"

- RENOVATION KEY NOTES**
- 1 NEW ROOF TILE - EAGLE ROOFING PRODUCTS - CAPISTRANO 3664 TERRACAMBRA RANGE
 - 2 NEW CURVED COPPER ROOF - PAC CLAD 150 90 DEGREE SEAM
 - 3 NEW STONELITE NATURAL STONE COMPOSITE PANELS - MCLEANS LIMESTONE (HONED), PROVIDE SHOP DRAWINGS FOR ARCHITECTURAL REVIEW & APPROVAL
 - 4 NEW ARCHITECTURAL PRECAST PANEL
 - 5 NEW DOOR
 - 6 EXISTING PORTE COCHERE
 - 7 CONCRETE WALLS PROJECTING ABOVE ROOF TO BE PAINTED, ADD NEW METAL COPING
 - 8 EXISTING WINDOW TO REMAIN
 - 9 EXISTING STUCCO TO BE PAINTED, PATCH & REPAIR AS NEEDED, WALLS SHALL BE PRIMED WITH MASTERSEAL P150 AND RECEIVE 2 COATS MASTERSEAL HB 400 HIGH BUILDING ACRYLIC WATERPROOF COATING (ONED)

REVISIONS		
NO.	DATE	NOTES

THOMAS DUKE ARCHITECT, P.A.
 2345 HARPER STREET
 JACKSONVILLE, FLORIDA 32204
 (904) 356-3335
 LIC. #AA 26001414

RENOVATIONS & ALTERATIONS TO
EPIPHANY CATHEDRAL
 310 SARASOTA ST
 VENICE, FLORIDA 34285



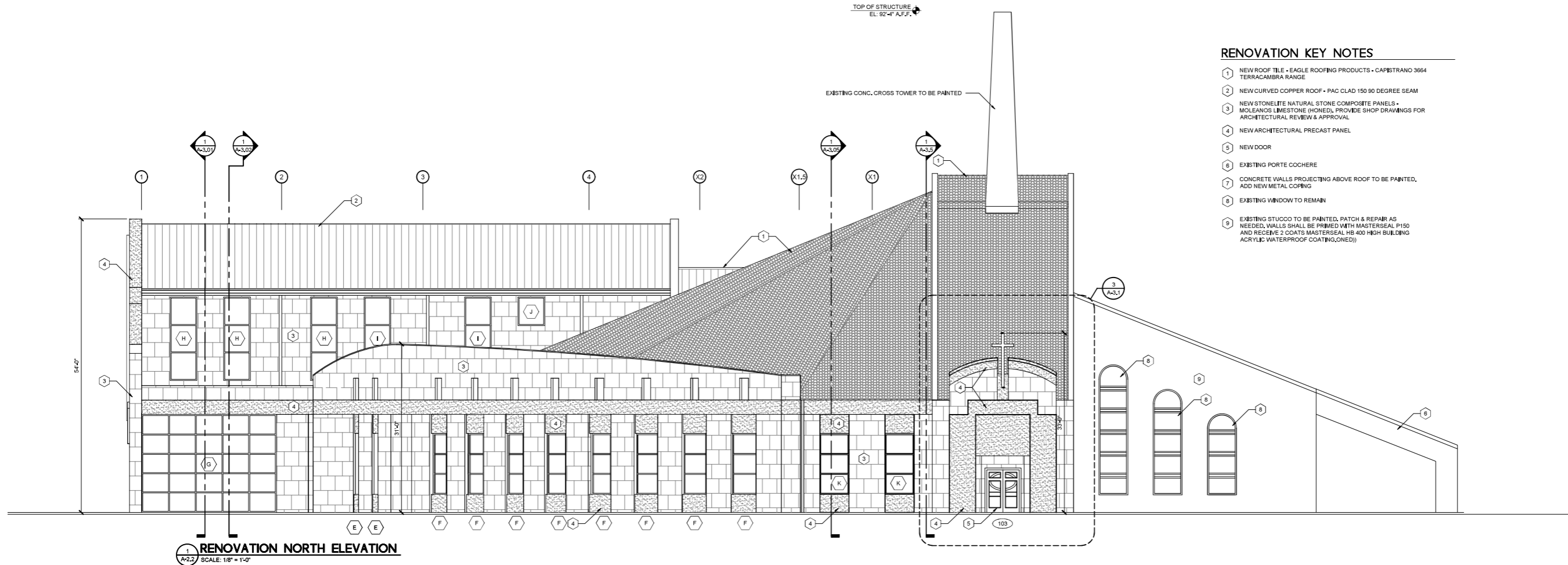
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RENOVATION EXTERIOR ELEVATIONS

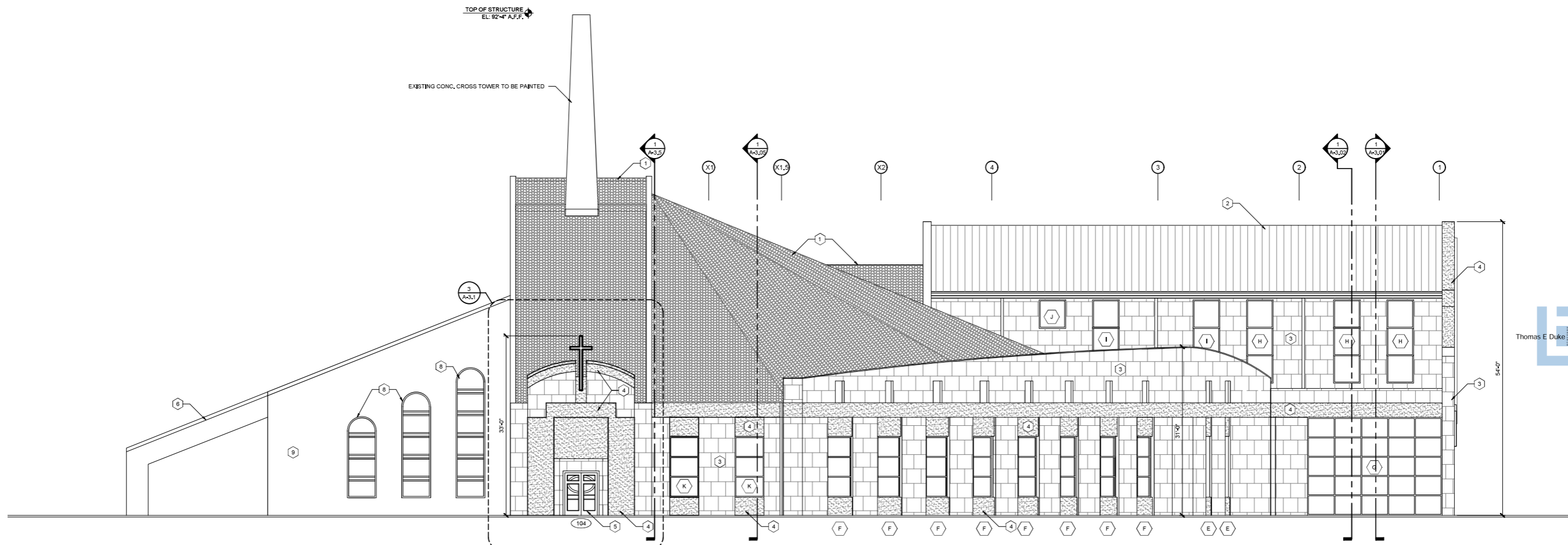
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 PROJECT NO. 1022

SHEET
A-2.1

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1 RENOVATION NORTH ELEVATION
SCALE: 1/8" = 1'-0"



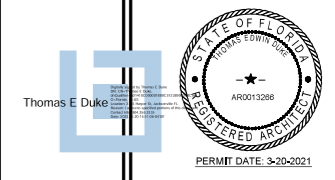
2 RENOVATION SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

- RENOVATION KEY NOTES**
- 1 NEW ROOF TILE - EAGLE ROOFING PRODUCTS - CAPISTRANO 3664 TERRACAMBRA RANGE
 - 2 NEW CURVED COPPER ROOF - PAC CLAD 150 90 DEGREE SEAM
 - 3 NEW STONELITE NATURAL STONE COMPOSITE PANELS - MOLEANOS LIMESTONE (HONED), PROVIDE SHOP DRAWINGS FOR ARCHITECTURAL REVIEW & APPROVAL
 - 4 NEW ARCHITECTURAL PRECAST PANEL
 - 5 NEW DOOR
 - 6 EXISTING PORTE COCHERE
 - 7 CONCRETE WALLS PROJECTING ABOVE ROOF TO BE PAINTED, ADD NEW METAL COPING
 - 8 EXISTING WINDOW TO REMAIN
 - 9 EXISTING STUCCO TO BE PAINTED, PATCH & REPAIR AS NEEDED, WALLS SHALL BE PRIMED WITH MASTERSEAL P150 AND RECEIVE 2 COATS MASTERSEAL HB 400 HIGH BUILDING ACRYLIC WATERPROOF COATING(ONED)

REVISIONS		
NO.	DATE	NOTES

THOMAS DUKE ARCHITECT, P.A.
2345 HARPER STREET
JACKSONVILLE, FLORIDA 32204
(904) 356-3335
LIC. #AA 26001414

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VENICE, FLORIDA 34285



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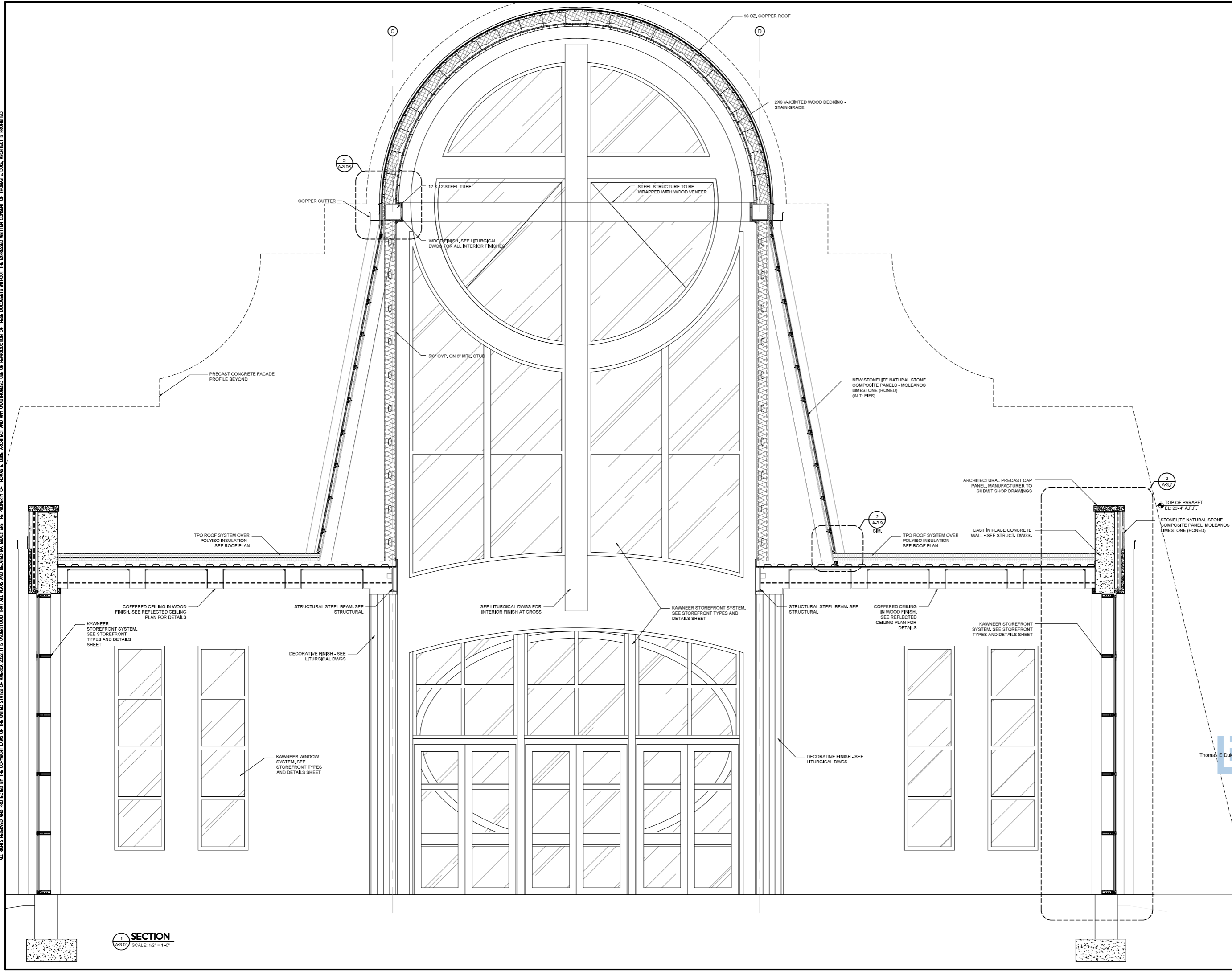
RENOVATION EXTERIOR ELEVATIONS

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PROJECT NO. 1022

SHEET
A-2.2

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SECTION
A-3.01
SCALE: 1/2" = 1'-0"

REVISIONS		
NO.	DATE	NOTES

THOMAS DUKE
ARCHITECT, P.A.
2345 HARPER STREET
JACKSONVILLE, FLORIDA 32204
(904) 356-3335
LIC. #AA 26001414

RENOVATIONS & ALTERATIONS TO
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310 SARASOTA ST
VENICE, FLORIDA 34285



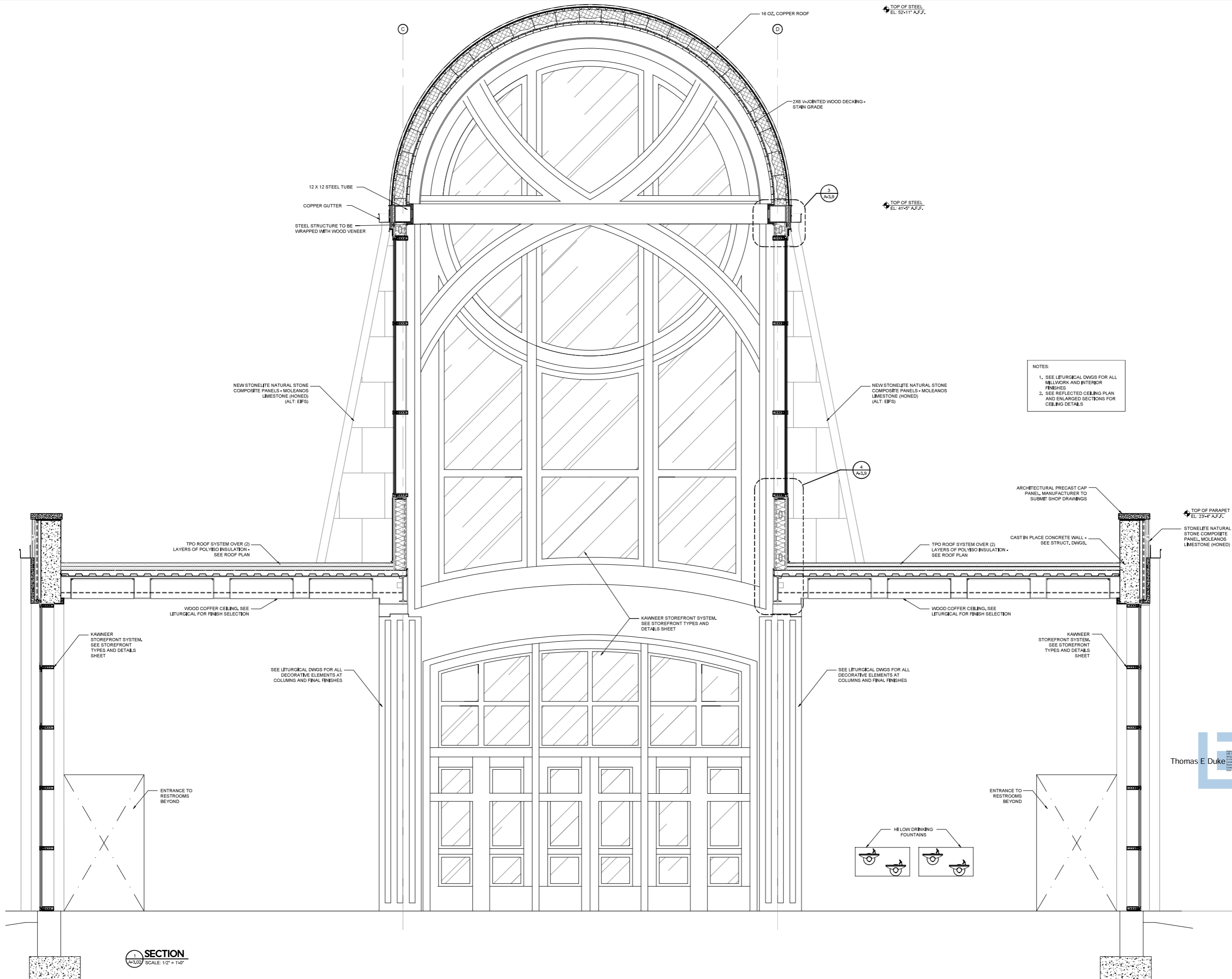
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BLDG. SECTIONS

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SHEET
A-3.01

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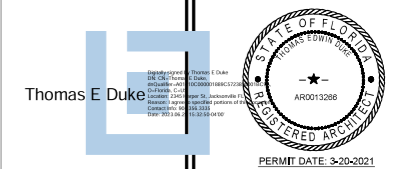


SECTION
A-3.02
SCALE: 1/2" = 1'-0"

REVISIONS		
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ARCHITECT, P.A.
2345 HARPER STREET
JACKSONVILLE, FLORIDA 32204
(904) 356-3335
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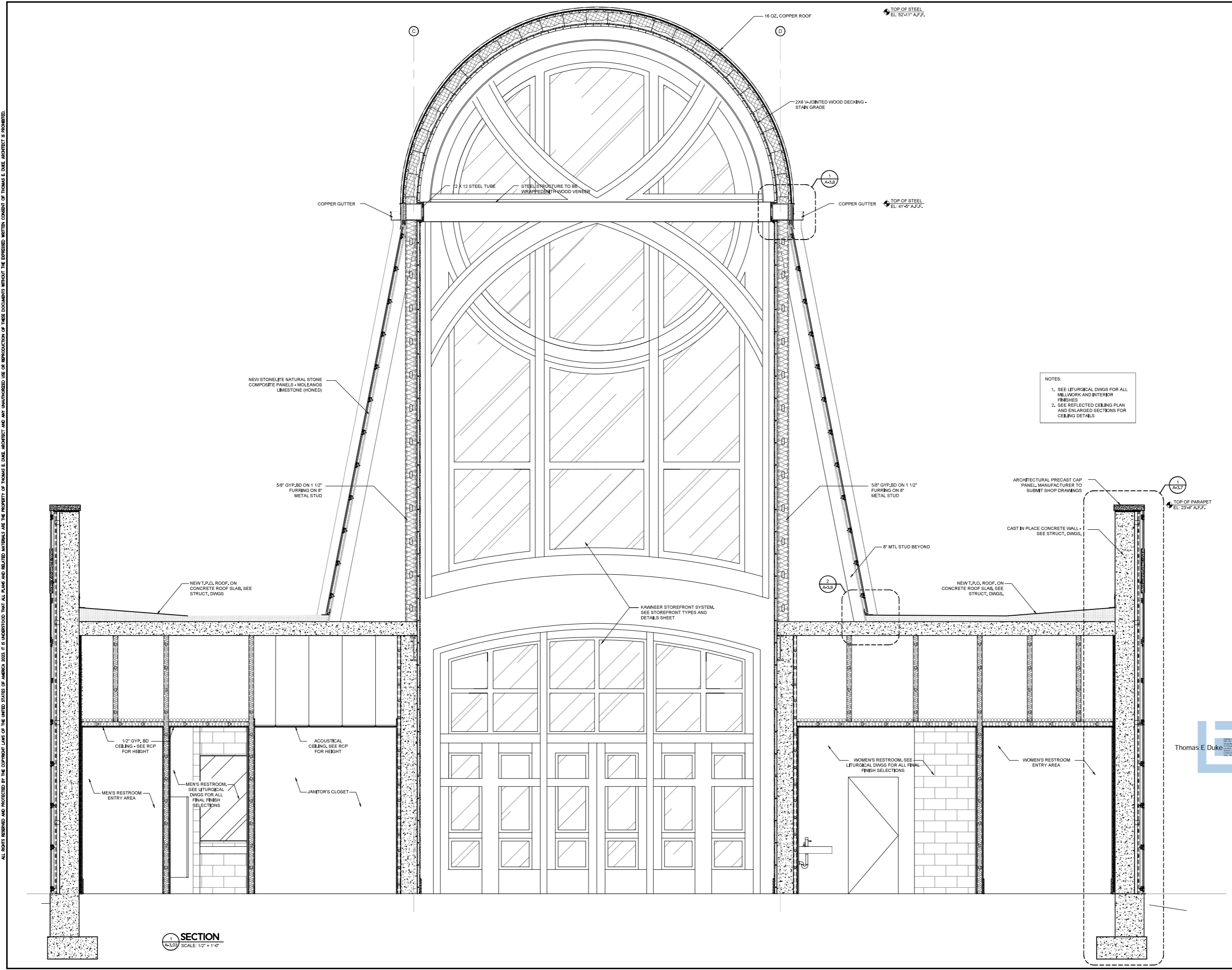
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SHEET
A-3.02

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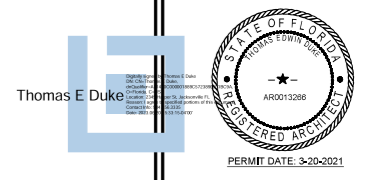
NOTES:
 1. SEE LITURGICAL DWGS FOR ALL MILLWORK AND INTERIOR FINISHES.
 2. SEE REFLECTED CEILING PLAN AND ENLARGED SECTIONS FOR CEILING DETAILS.

SECTION
 A-3.03 SCALE: 1/2" = 1'-0"

REVISIONS		
NO.	DATE	NOTES

THOMAS DUKE
 ARCHITECT, P.A.
 2345 HARPER STREET
 JACKSONVILLE, FLORIDA 32204
 (904) 356-3335
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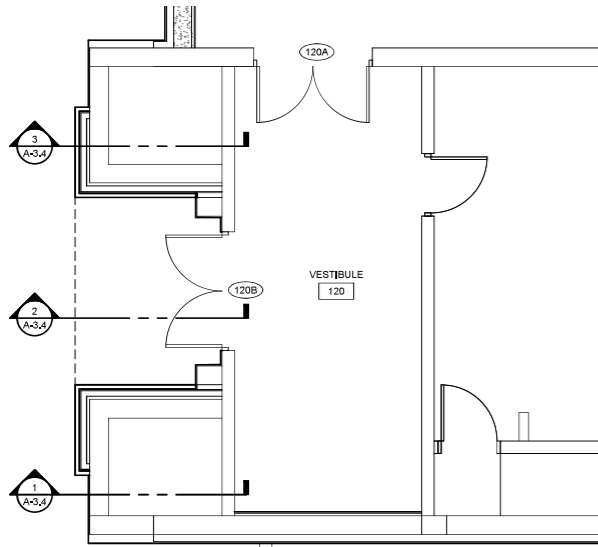
BLDG. SECTIONS

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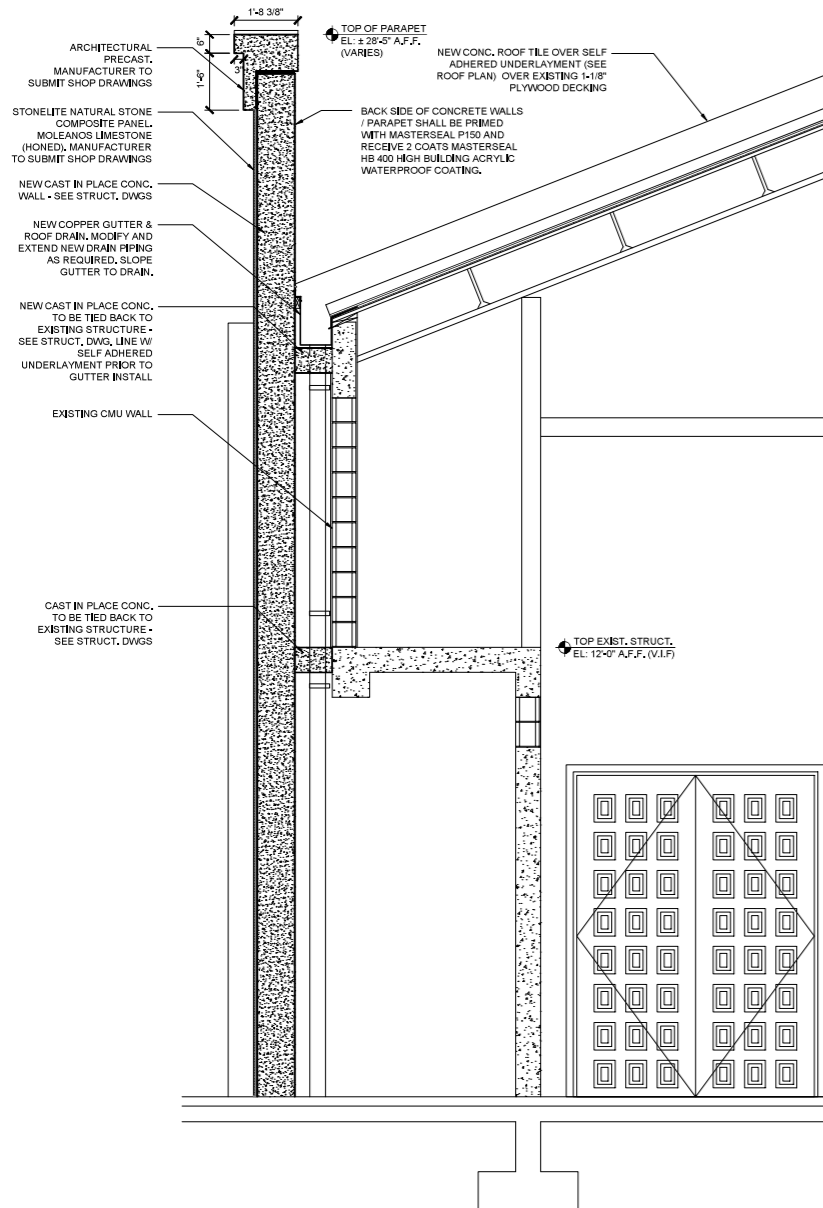
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A-3.03

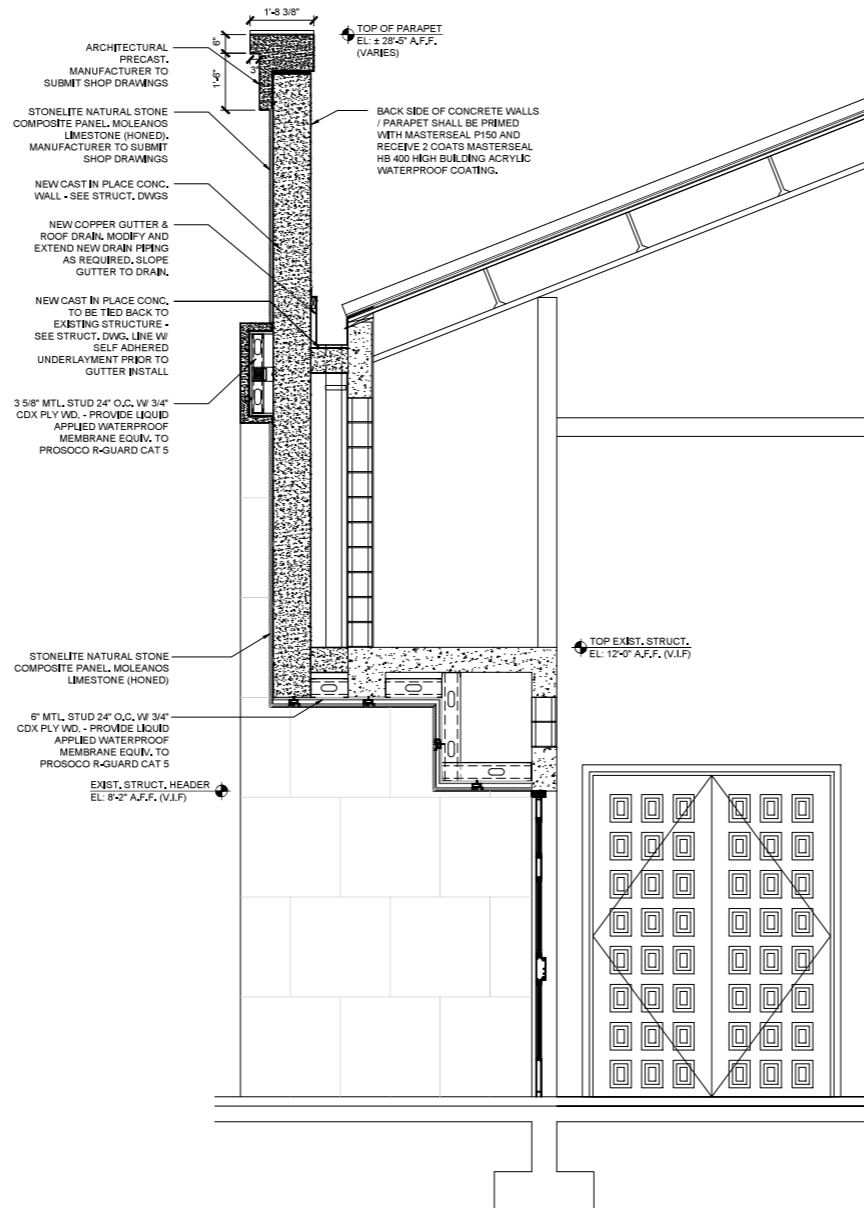
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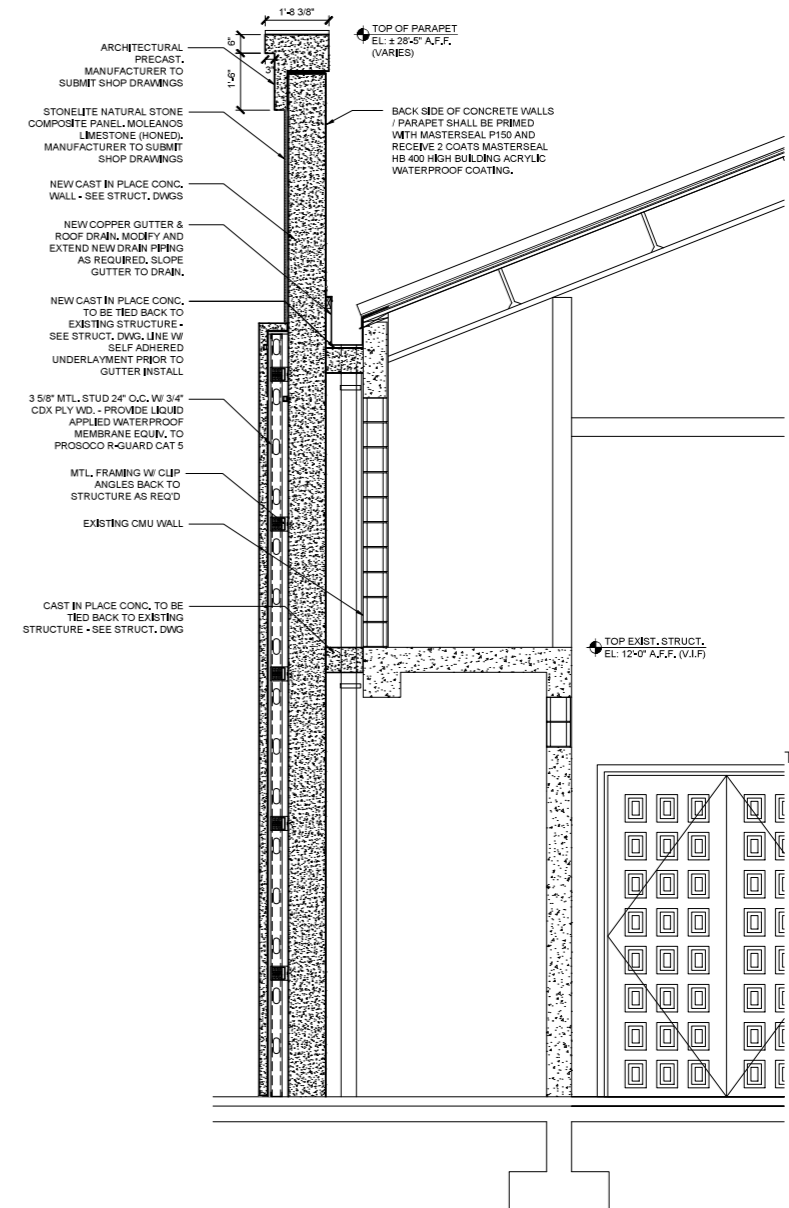
ENLARGED VESTIBULE
SCALE: 1/4" = 1'-0"



WEST ENTRANCE SECTION
SCALE: 1/2" = 1'-0"



WEST ENTRANCE SECTION
SCALE: 1/2" = 1'-0"

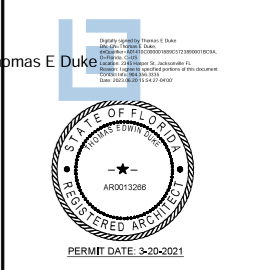


WEST ENTRANCE SECTION
SCALE: 1/2" = 1'-0"

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BLDG. & WALL SECTIONS

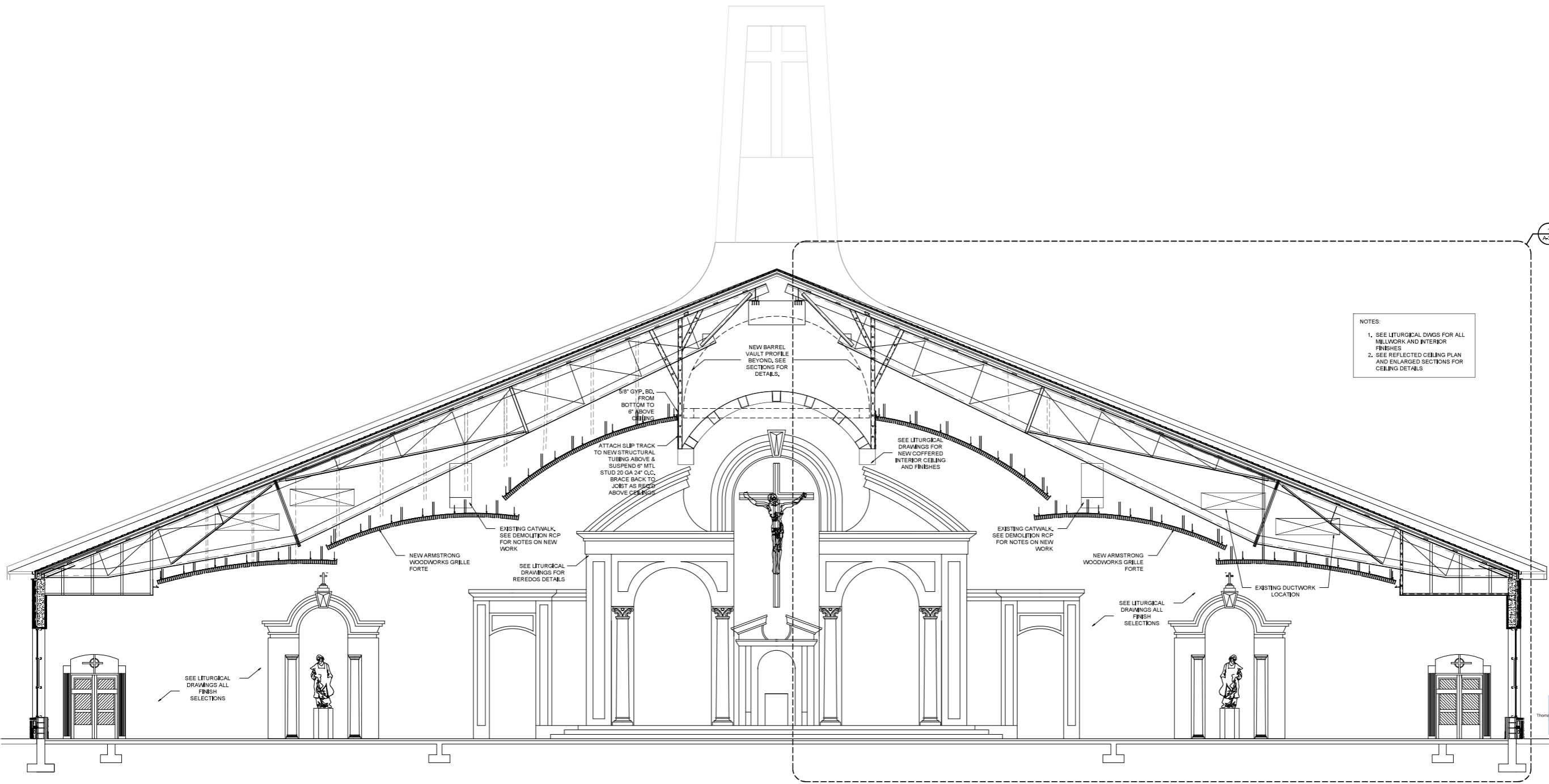
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PROJECT NO. 1022

SHEET

A-3.4

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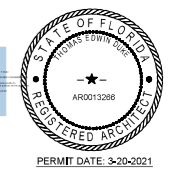
NOTES:
 1. SEE LITURGICAL DWGS FOR ALL MILLWORK AND INTERIOR FINISHES
 2. SEE REFLECTED CEILING PLAN AND ENLARGED SECTIONS FOR CEILING DETAILS

SECTION
 SCALE: 3/16" = 1'-0"

REVISIONS		
NO.	DATE	NOTES

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 ARCHITECT, P.A.
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 JACKSONVILLE, FLORIDA 32204
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 310 SARASOTA ST
 VENICE, FLORIDA 34285



RELEASED FOR CONSTRUCTION
 DATE: 16 JUNE 2023

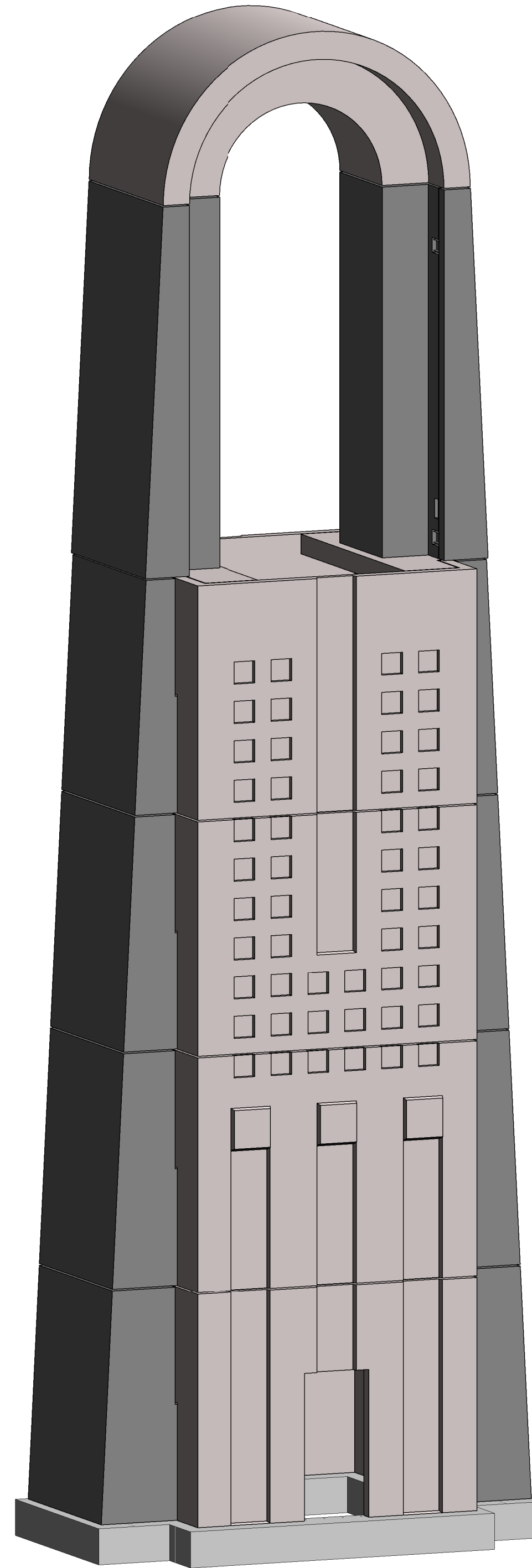
BLDG. SECTIONS

DRAWN BY: CEM CHECKED BY: TED
 PROJECT NO. 1022

SHEET
A-3.05

EPIPHANY CATHEDRAL CATHOLIC CHURCH BELL TOWER

310 SARASOTA ST.
VENICE, FL 34285



DESIGN PARAMETERS:

The following parameters are based on ATC Hazards by Location and the calculations within the engineering report.

A. LIVE LOADS

1. Stair live load = **100 psf** (assumed)
2. Cap slab live load = **100 psf** (assumed)

B. DEAD LOADS

1. Self-weight - see component calculations
2. Bells and bell equipment = **6,000 lbs** (provided)
3. Stair self-weight = **150 psf** (assumed)
4. Superimposed Dead Load = **15 psf** (assumed load acting on stairs for mechanical/utility weights)

C. MISCELLANEOUS LOADS

1. N/A

D. WIND LOADS

1. Wind Load Importance Factor = **1.0**
2. Basic Wind Speed = **141 M.P.H.**
3. Building Occupancy Category = **I**
4. Wind Exposure = **D**
5. Enclosure = **Enclosed** (assumed)
6. Components and Cladding (see engineering report)

BUILDING CODES:

1. **ACI 318-14** (Building Code Requirements for Structural Concrete)
2. **IBC 2015** (International Building Code)
3. **ASCE 7-10** (Minimum Design Loads For Buildings and Other Structures)
4. **PCI Design Handbook, 8th Edition** (Precast and Prestressed Concrete)
5. **AISC Steel Construction Manual, 14th Edition**

CONSTRUCTION MANAGER:

BAKER LITURGICAL ART
PLANTSVILLE, CT

ARCHITECT:

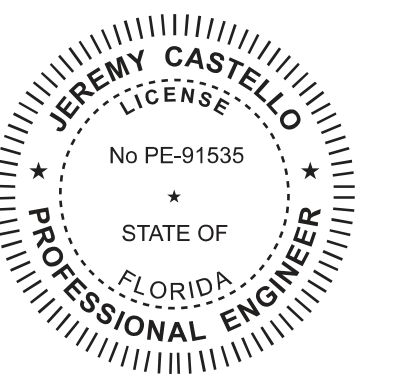
HARA-ARCH LLC EAST
HAMPTON, CT

ENGINEER:

JOSEPH L. CALABRESE P.C.
WATERBURY, CT



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PLANTSVILLE, CT

ARCHITECT:

HARA-ARCH LLC
EAST HAMPTON, CT

ENGINEER:

JOSEPH L. CALABRESE P.C.
WATERBURY, CT

1	FOR APPROVAL	11/04/22
NO.	ISSUE DESCRIPTION	DATE
Revision Schedule		

PROJECT:
EPIPHANY CATHEDRAL CATHOLIC CHURCH BELL TOWER
310 SARASOTA ST.
VENICE, FL 34285

DRAWN BY: LCT CHECKED BY: JC

JOB #: 2209225

SHEET TITLE:
COVER SHEET

SHEET #:
E0.01

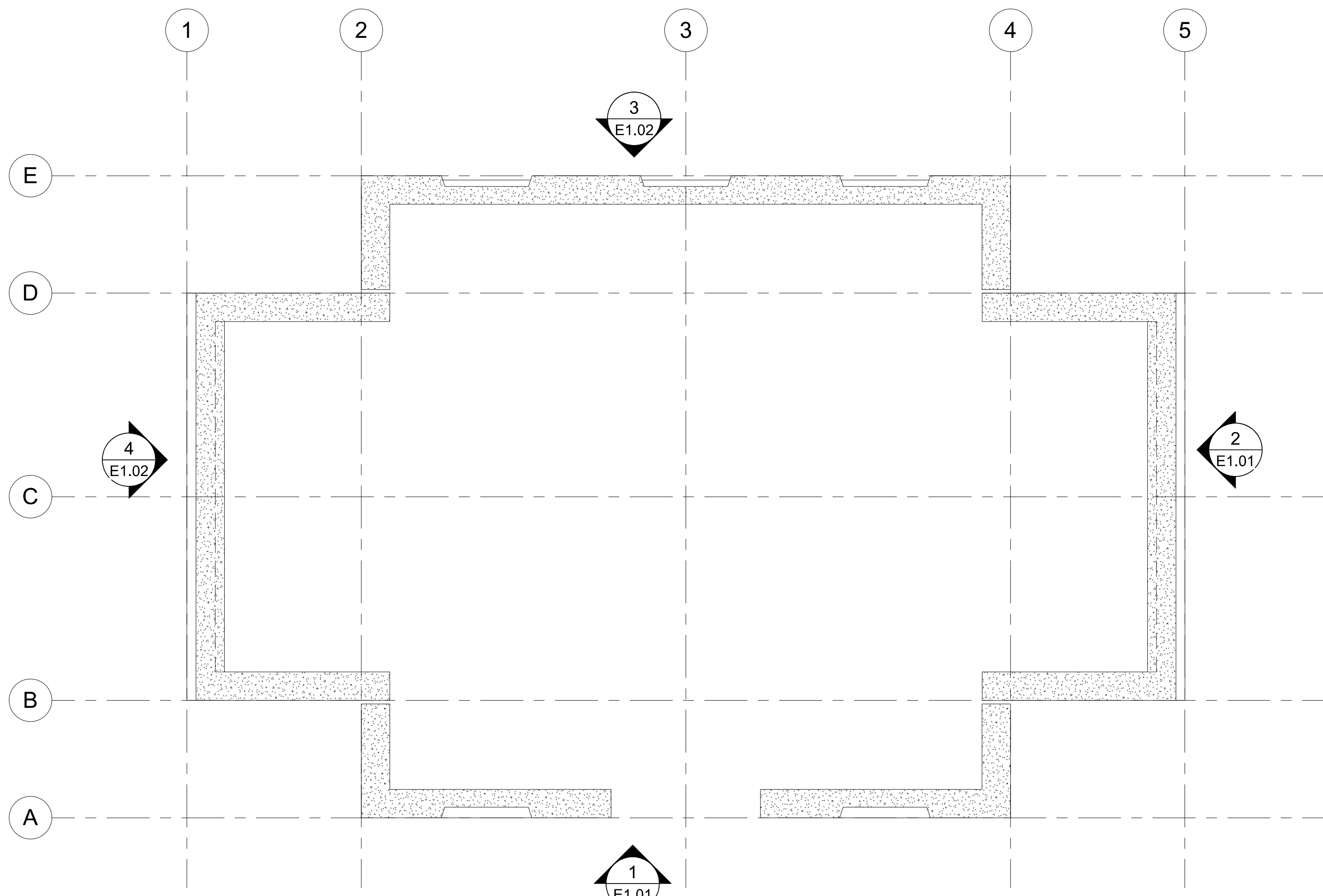
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SPEC. SECTION

PHASE:

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SHEET LIST		
Sheet Number	Sheet Name	Date Drawn
E0.01	COVER SHEET	11/04/22
E0.02	NOTES & KEY PLAN	11/04/22
E1.01	PRECAST ELEVATIONS	11/04/22
E1.02	PRECAST ELEVATIONS	11/04/22
E2.01	PRECAST PLANS	11/04/22
E2.02	PRECAST PLANS	11/04/22
E3.01	PRECAST SECTIONS	11/04/22
E4.01	PRECAST SECTION DETAILS	11/04/22
E6.01	PRECAST CONNECTION DETAILS	11/04/22
E7.01	PRECAST EMBED LAYOUTS	11/04/22
E7.02	PRECAST EMBED LAYOUTS	11/04/22
E8.01	PRECAST SCHEDULES	10/12/22



KEY PLAN
NOT TO SCALE

Notes for Architect, Engineer, GC, CM, and Other Reviewers of this Submittal:

- These drawings represent Stabil's interpretation of the application of our products to this project in functional compliance with the Contract Documents. It is important that this interpretation be reviewed dimensionally and functionally with respect to the design intent, adjacent materials, and job site conditions.
- Conditions and/or dimensions requesting verification should be addressed on the approval drawings. No response to these items could result in delays, errors, and/or extra charges.
- Provide/verify all opening sizes and locations through precast concrete for windows, doors, louvers, mechanical, electrical, plumbing, fire safety, etc., on approval drawings. Stabil and Eriksson will not be responsible for any costs associated with openings not shown or shown incorrectly on the approval drawings.
- Precast engineer is responsible only for the design of the precast components and has not reviewed the integrity of the support structure. Stabil assumes no responsibility for deflection or deformation during or after the erection process. All connections of precast to other materials should be reviewed for effects of forces on those materials.
- Engineering calculations are bound separately (8 1/2 x 11).

General Notes:

- The embed plates specified and located by the drawings under this cover, for placement in the cast-in-place concrete, are for use in connecting precast concrete units to the building structure. For the connections to be made without delays and to be structurally adequate, embed plates must be located within the specified tolerance of one (1/2") of the dimensions shown.
- Unless specifically clarified elsewhere, precast concrete units are to be erected before any backup material is installed such as insulation, drywall, studs, firesafing, waterproofing, etc.
- Stabil assumes no responsibility for errors resulting from the use of these drawings by other trades.
- WARNING - Cutting, drilling, and/or otherwise altering of Stabil and Eriksson products should only be done with authorization of Stabil and Eriksson in writing.

Erector Notes:

- Precast concrete units are to be installed per PCI standards or per the contract documents, whichever is more stringent.
- All precast concrete units shall be field handled and erected with acceptable equipment and methods and by qualified personnel. Units are to be handled in a position consistent with their shape in order to avoid excessive stress or damage.
- WARNING** - Precast concrete units will be delivered on trucks, trailers, slant frames, A-Frames and/or by other means which will require caution when off loading. Loads may or may not consist of multiple units and/or counter weights. The installer is responsible for bracing, tying, or otherwise securing the shipping equipment and other units to maintain stability during off loading and erection.
- WARNING** - For protection and safety of persons and/or property, precast concrete elements may require special bracing and/or shoring during and until the element has become an integral part of the building as per the Contract Documents. Proper tying, bracing and/or shoring shall be the responsibility of the installer after delivery to job site.
- All coil bolts used for erection shall have full penetration and extend the proper amount beyond the bottom of the insert coil per the insert manufacturer's catalog.
- Temporary shipping/handling braces can only be removed after the panel has been rotated and installed in its final position.
- Do not shim between panels or otherwise stack panels unless shown specifically to do so.
- All shims shown in connections details must be located so as not to interfere with correct installation of backing rod and caulking sealant or as specifically indicated in these drawings.
- All bolted connections are to be installed using the snug tight method. Snug tight is defined as the tightness that exists when all plies in a joint are in firm contact. **THREADS ARE TO BE LOCKED ON ALL NUTS AND BOLTS** by tack-welding, deforming the threads, or by the use of Loctite.
- All loose items with slotted holes shall have bolts at or near center in slots.
- Perform all welding in compliance with AWS Standards. All welding is to be performed by certified welders.
- See 6.00 series sheets for connection and bearing details.
- Do not release panel weight from hoist until panel is structurally secure.
- Welds to be cleaned and painted.
- No plastic shim stack shall exceed 2" in overall height. Any shim stack that exceeds 2" will be steel shims tack welded to each other and the structure. **DO NOT TACK WELD SHIM TO PANEL EMBED.**
- THE PRECAST CONCRETE SHOWN IN THESE DRAWINGS IS TO BE INSTALLED AS DETAILED. REVISIONS AND/OR OMISSIONS ARE ALLOWED ONLY AS DIRECTED BY STABIL AND ERIKSSON IN WRITING.**

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PANEL CALLOUT TAG

WXX	PANEL NUMBER
XXX	CONTROL NUMBER
XXXXX	PANEL WEIGHT IN POUNDS

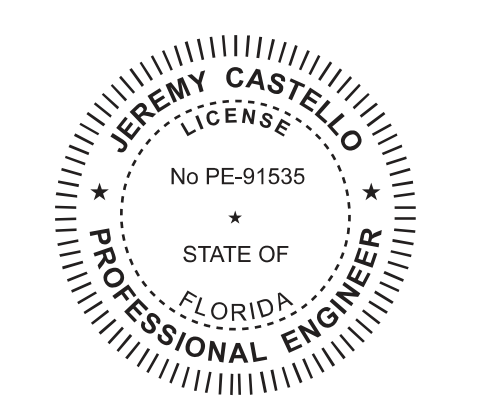
ABBREVIATIONS:

BM - Beam	GL - Gridline	THK - Thick
B.O. - Bottom Of	HT - Height	T.O. - Top Of
B/ - Bottom Of	ID - Inside Diameter	T/ - Top Of
BLDG - Building	INT - Interior	TYP. - Typical
C.I.P. - Cast In Place	JT. - Joint	UNO - Unless Noted Otherwise
CTR - Center	MAX. - Maximum	WWR - Welded Wire Reinforcing
COL - Column	MIN. - Minimum	WT - Weight
CMU - Concrete Masonry Unit	NTS - Not To Scale	w/ - With
CONN - Connection	OC - On Center	w/o - Without
CONT - Continuous	OP'G - Opening	
DIA - Diameter	OPP. - Opposite	
DN - Down	O.H. - Opposite Hand	
EA. - Each	OD - Outside Diameter	
E.O.S. - Edge Of Slab	PNL - Panel	
EL. - Elevation	P/C - Precast Concrete	
EQ - Equal	R - Radius	
EXP JT - Expansion Joint	R.O. - Rough Opening	
EXT - Exterior	SIM. - Similar	
FIN - Finish	SP'S - Spaces	
FT'G - Footing	SQ - Square	
	STIFF - Stiffener	

CONSTRUCTION MANAGER:
BAKER LITURGICAL ART
PLANTSVILLE, CT

ARCHITECT:
HARA-ARCH LLC EAST
HAMPTON, CT

ENGINEER:
JOSEPH L. CALABRESE P.C.
WATERBURY, CT



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1	FOR APPROVAL	11/04/22

PROJECT: **EPIPHANY CATHEDRAL CATHOLIC CHURCH BELL TOWER**
310 SARASOTA ST.
VENICE, FL 34285

DRAWN BY: LCT CHECKED BY: JC

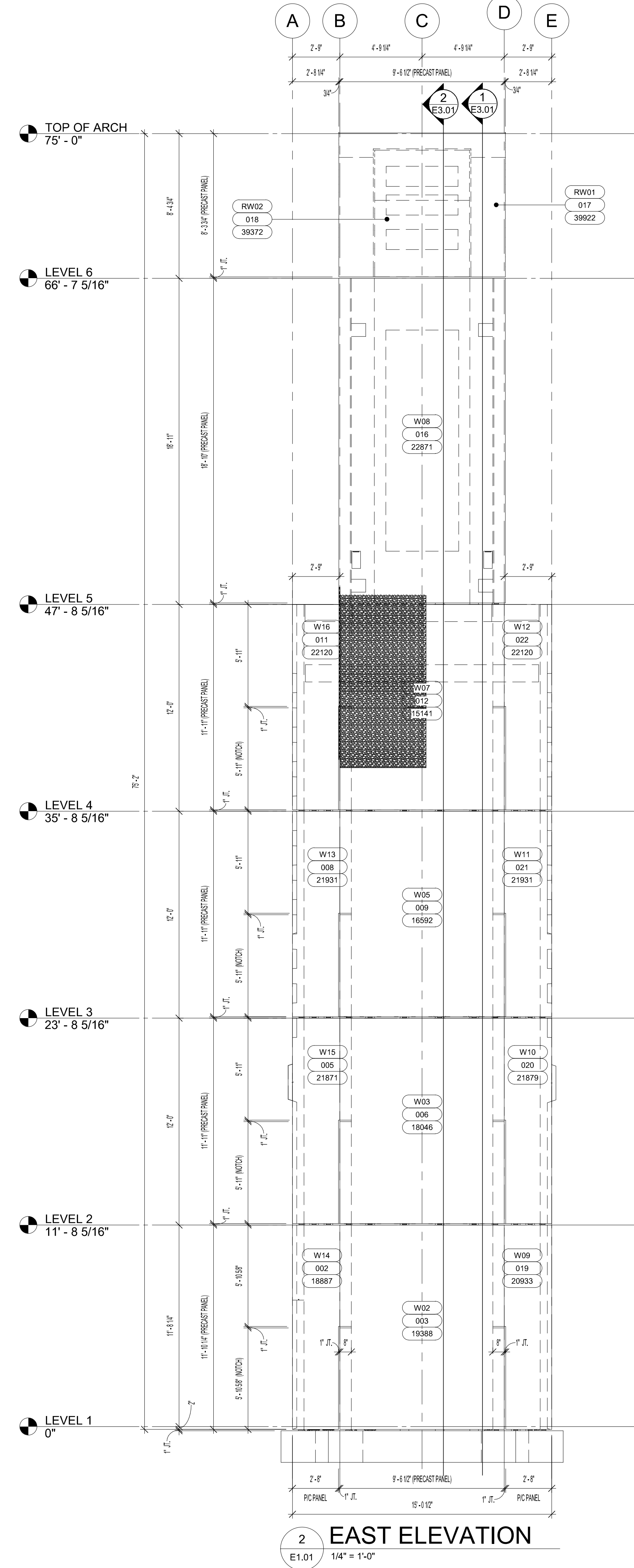
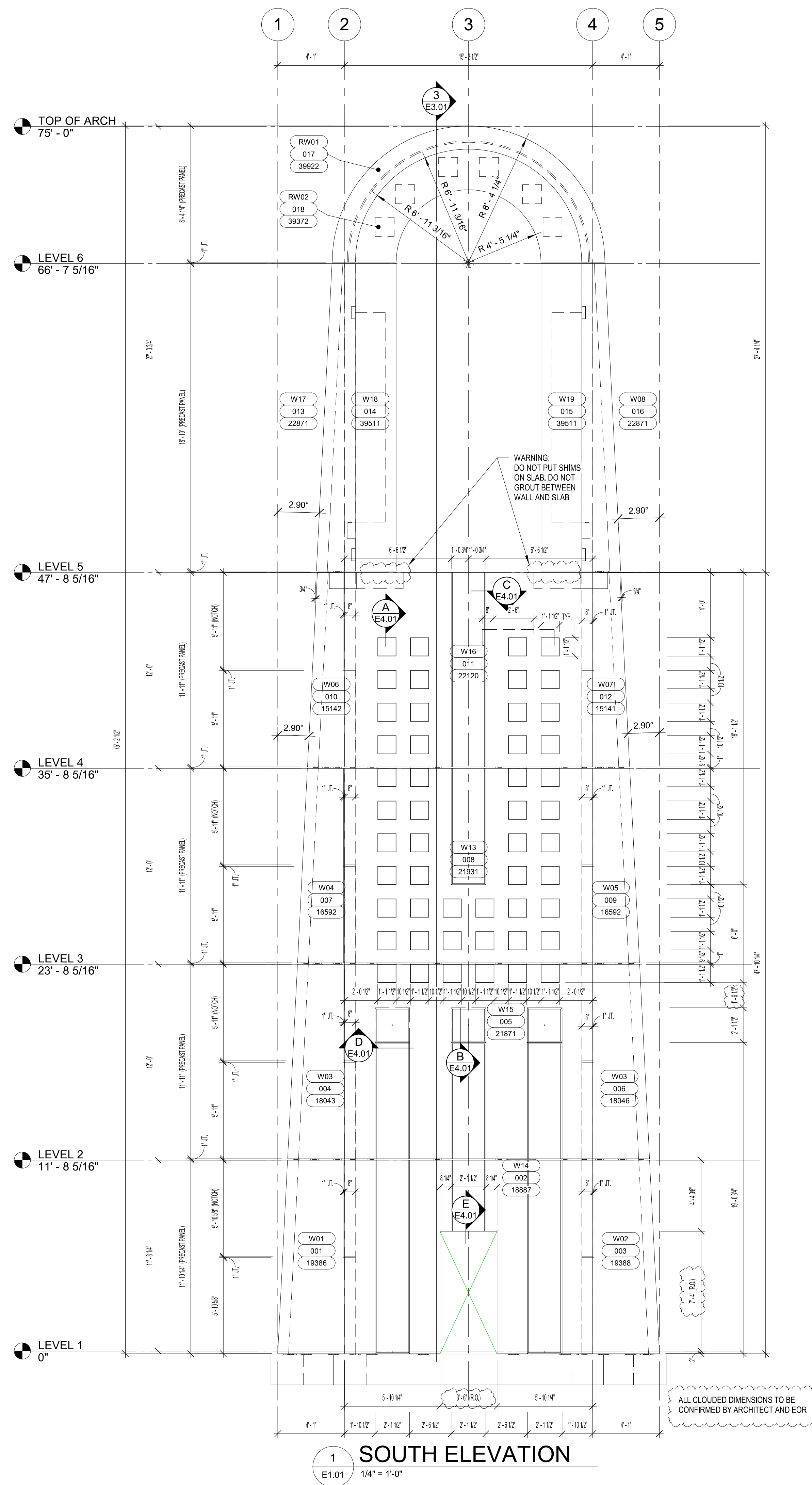
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SHEET TITLE: **NOTES & KEY PLAN**

SHEET #: **E0.02**

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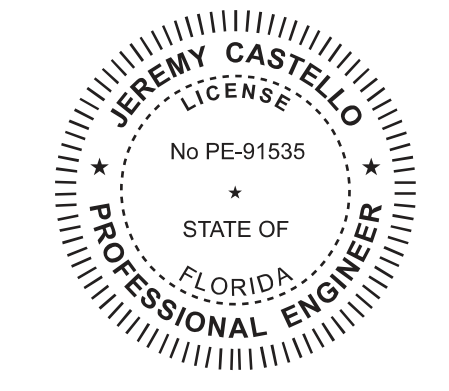
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HARA-ARCH LLC EAST
HAMPTON, CT

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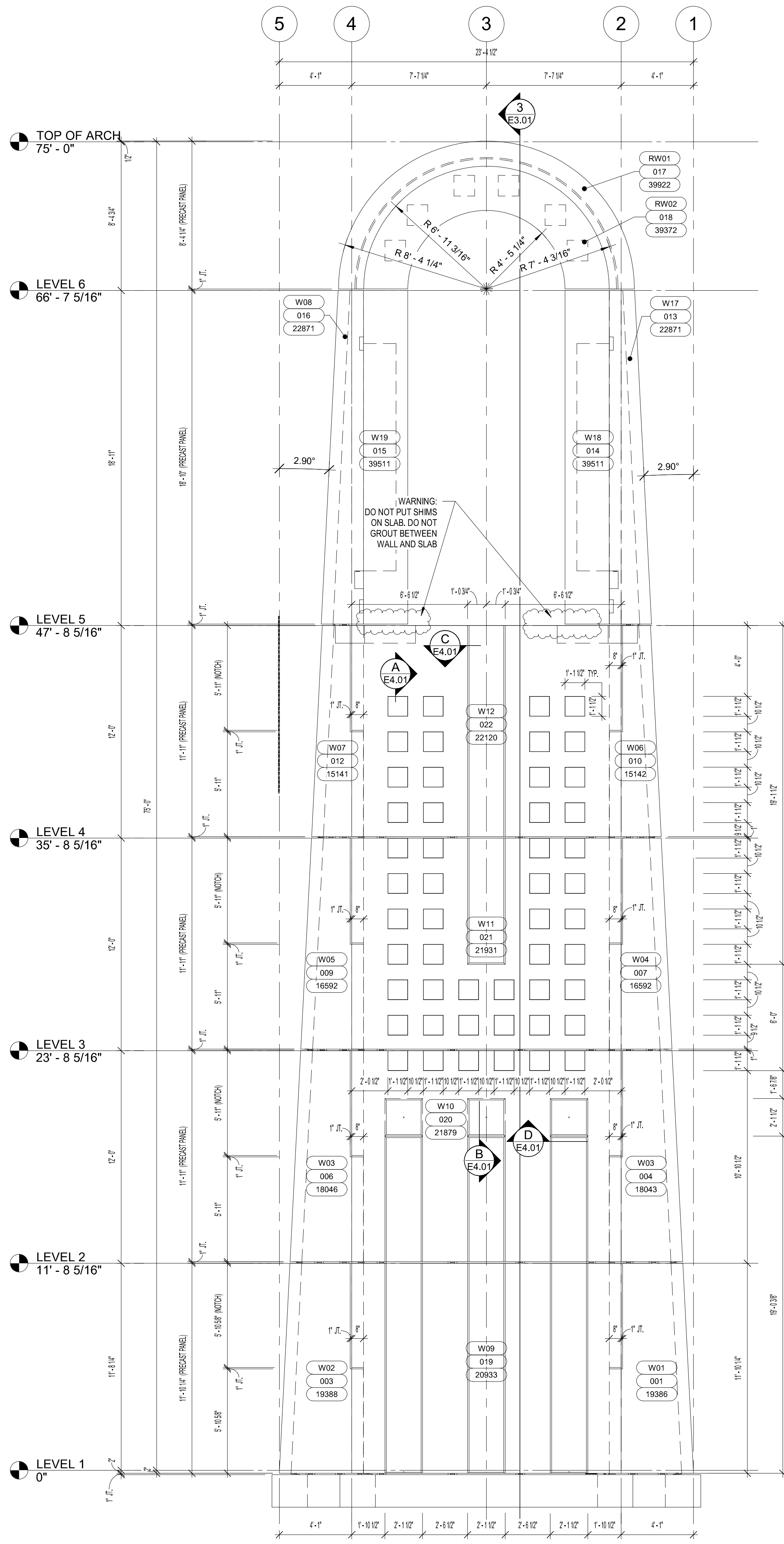
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PRECAST ELEVATIONS

SHEET #:
E1.01

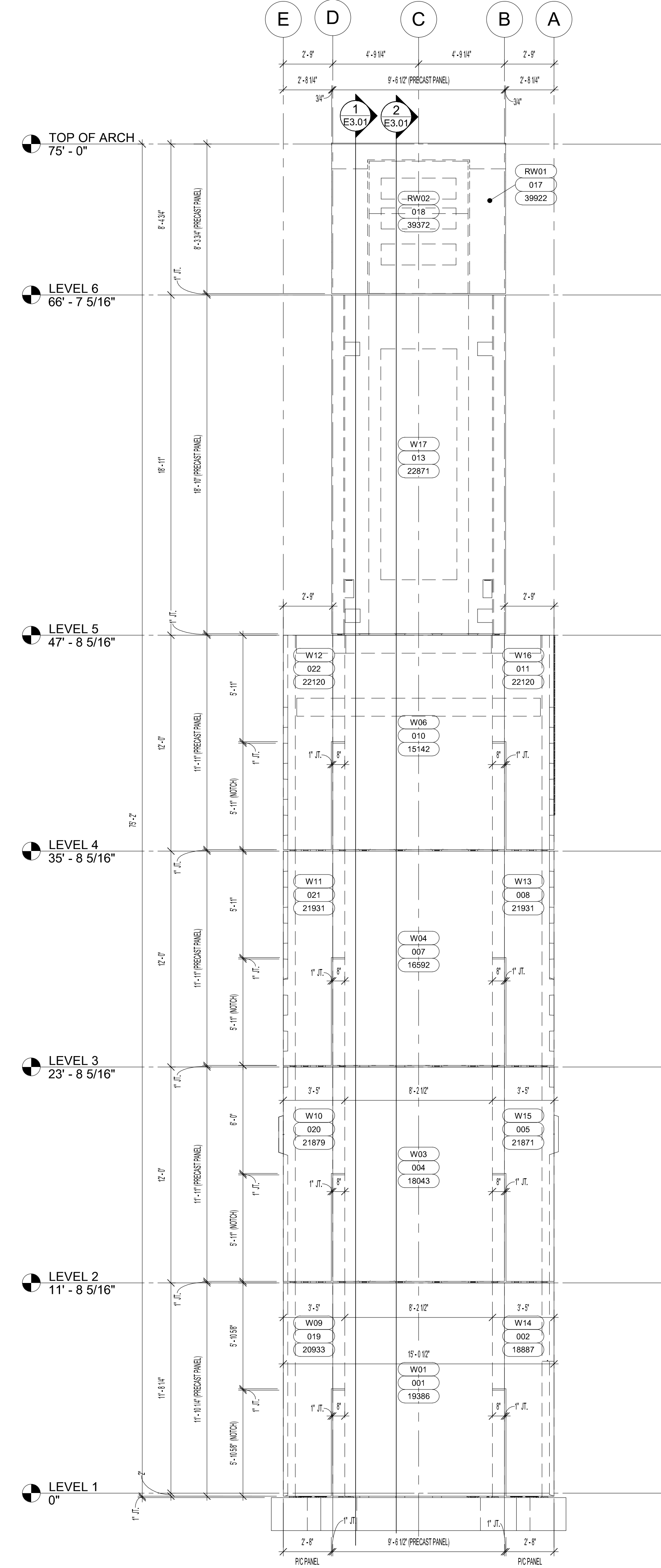
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3 NORTH ELEVATION
E1.02 1/4" = 1'-0"



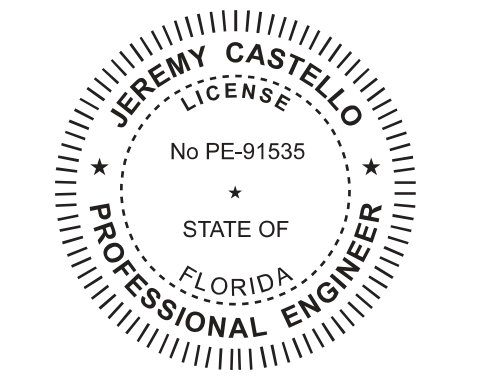
4 WEST ELEVATION
E1.02 1/4" = 1'-0"

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ARCHITECT:
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HAMPTON, CT

ENGINEER:
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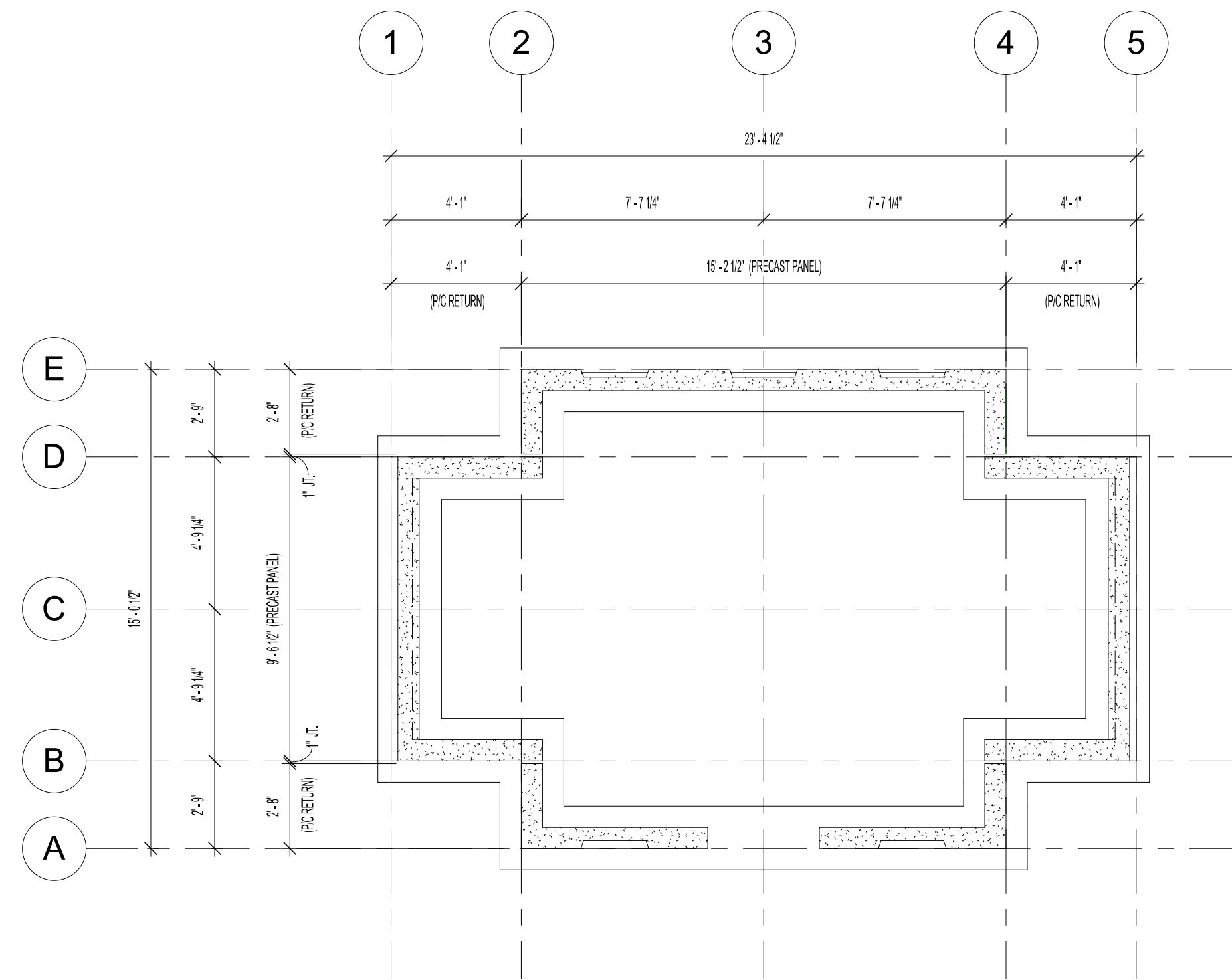
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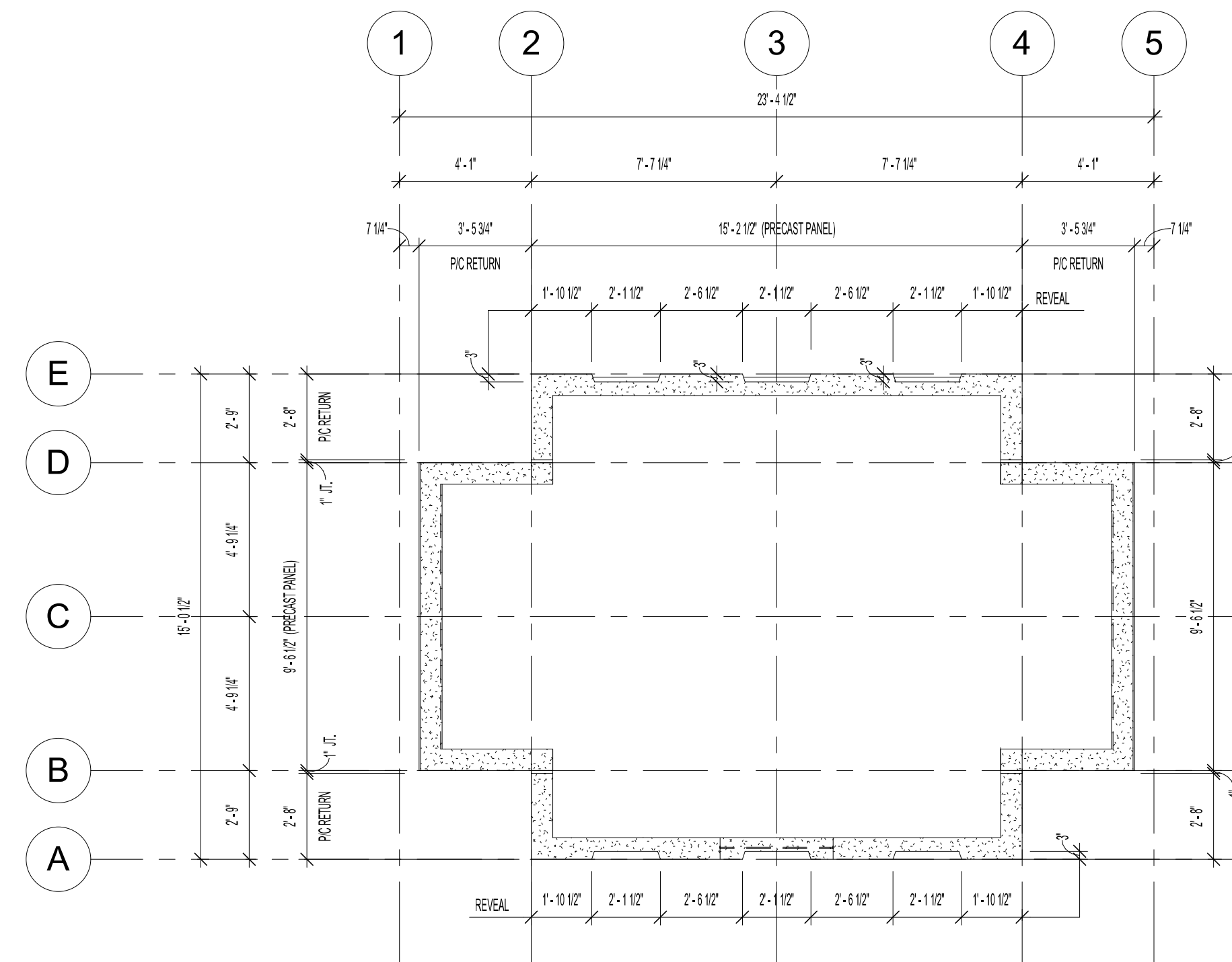
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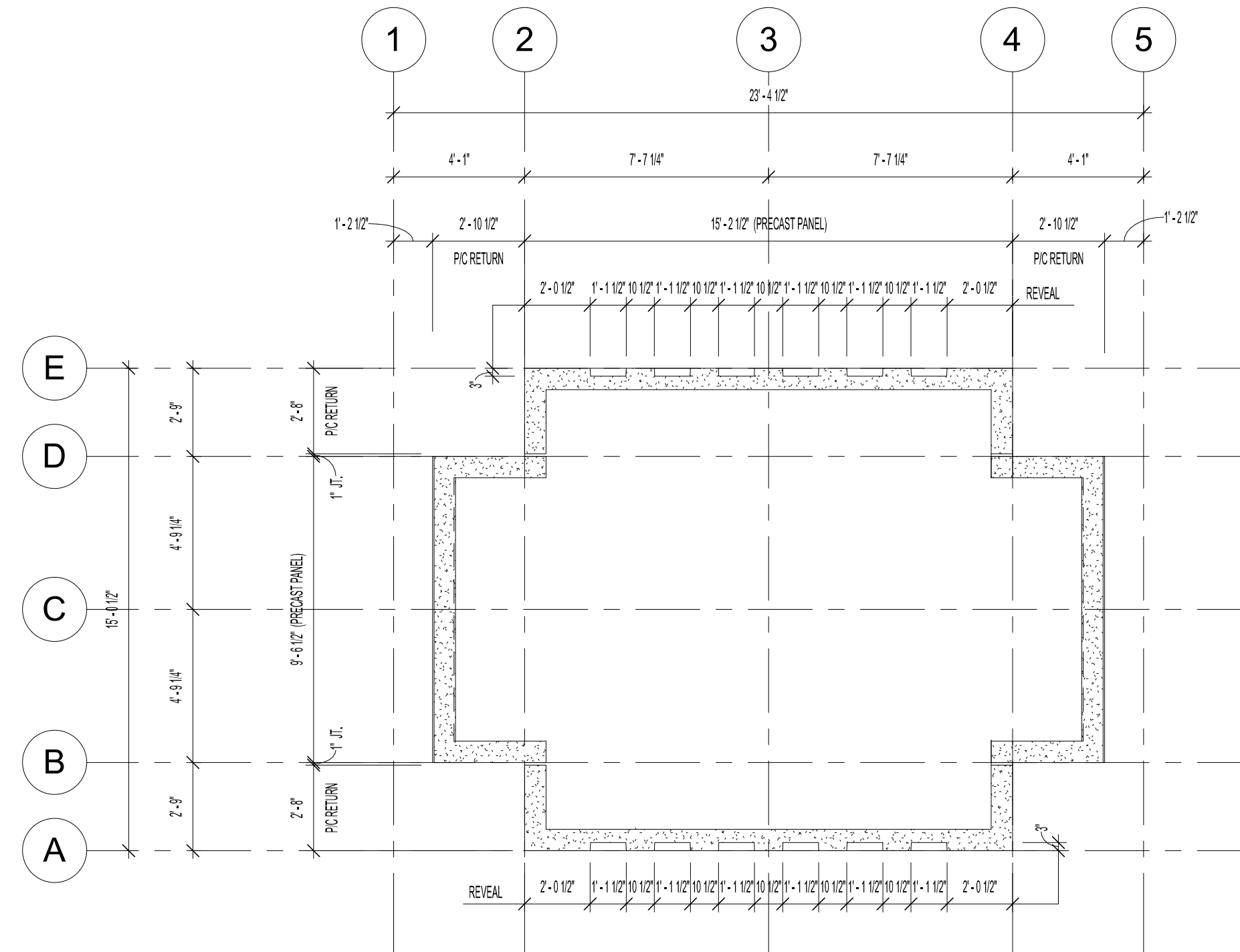
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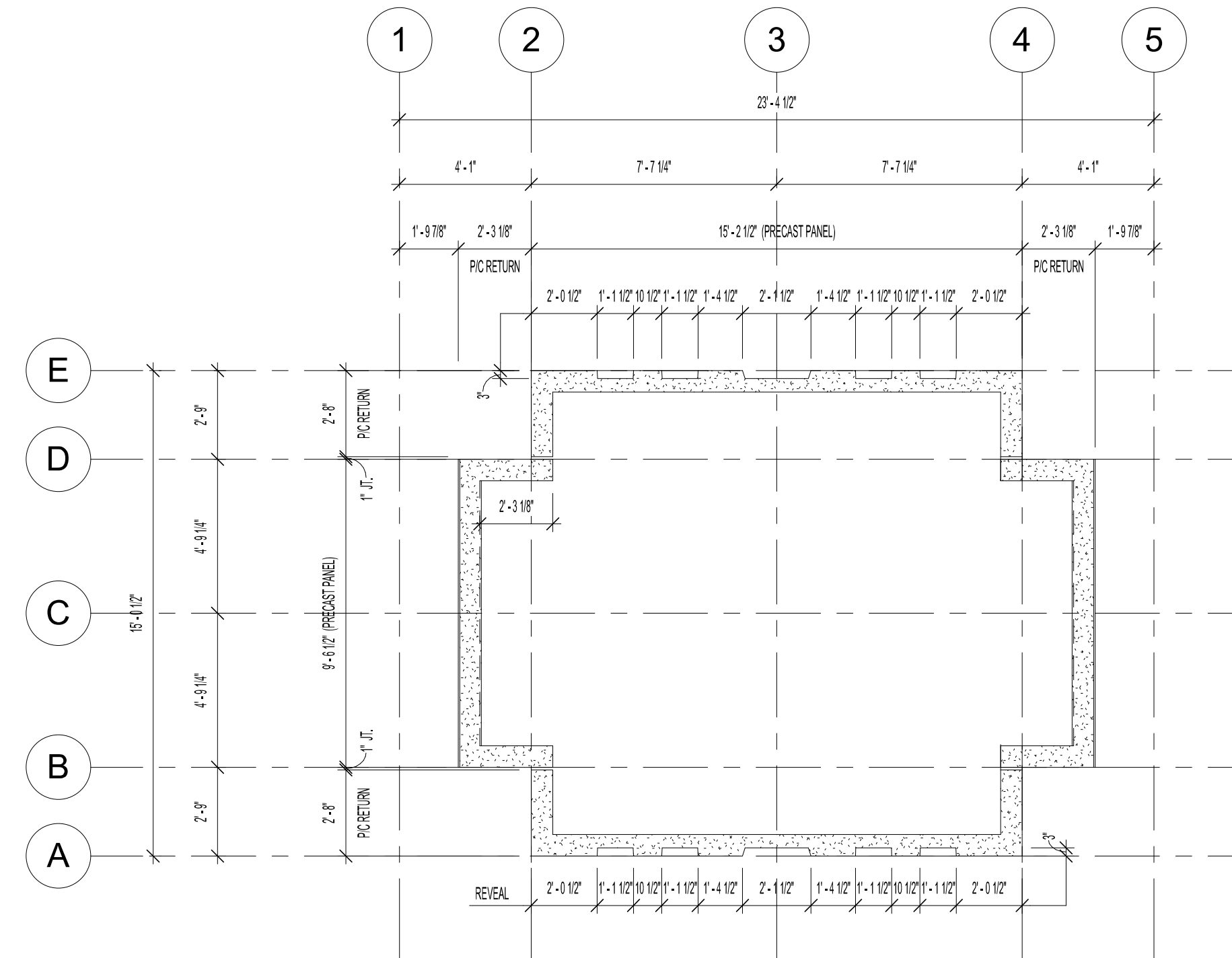
1 FOUNDATION PLAN
E2.01 1/4" = 1'-0"



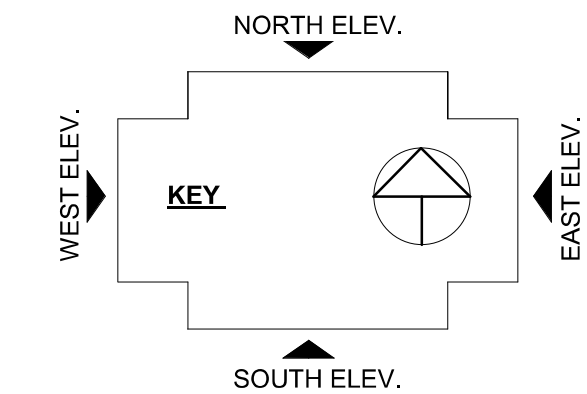
2 LEVEL 2
E2.01 1/4" = 1'-0"



3 LEVEL 3
E2.01 1/4" = 1'-0"



4 LEVEL 4
E2.01 1/4" = 1'-0"



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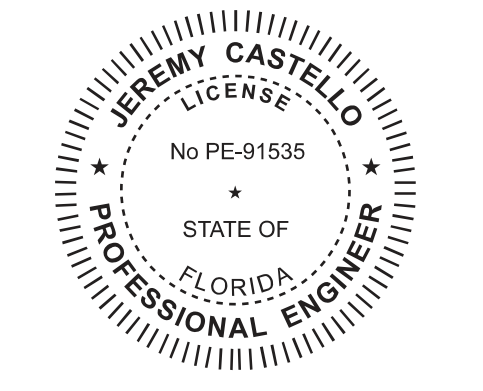
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HAMPTON, CT

ENGINEER:

JOSEPH L. CALABRESE P.C.
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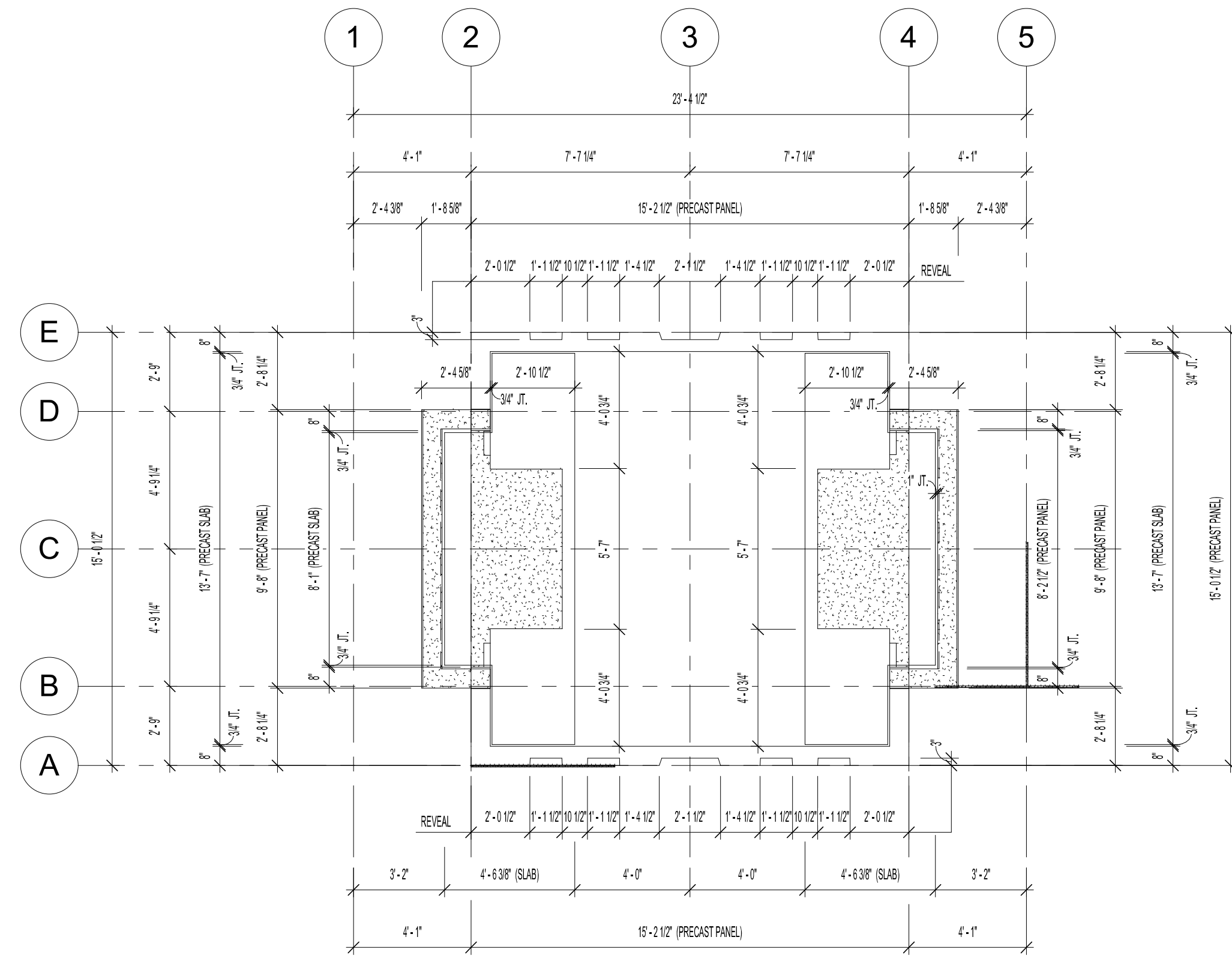
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PRECAST PLANS

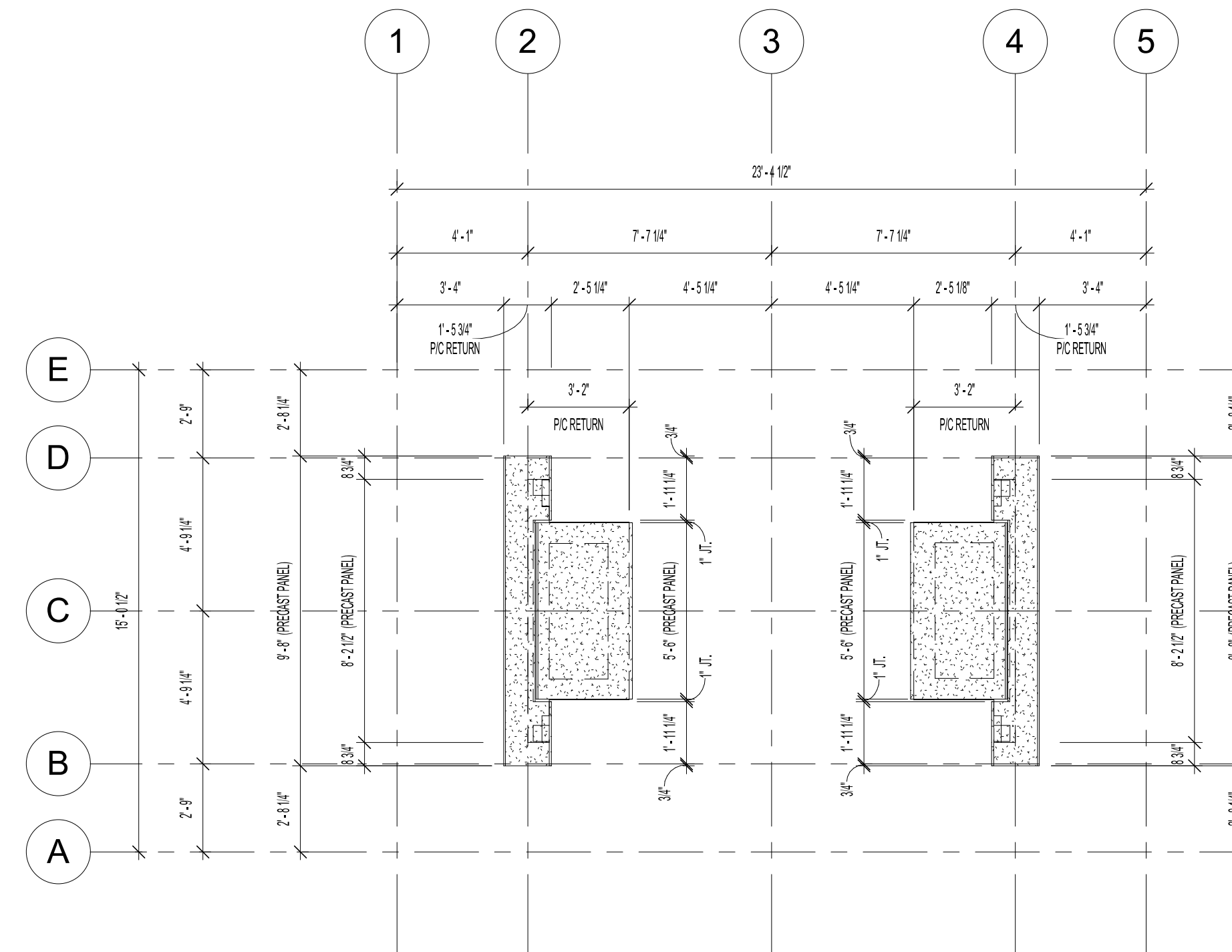
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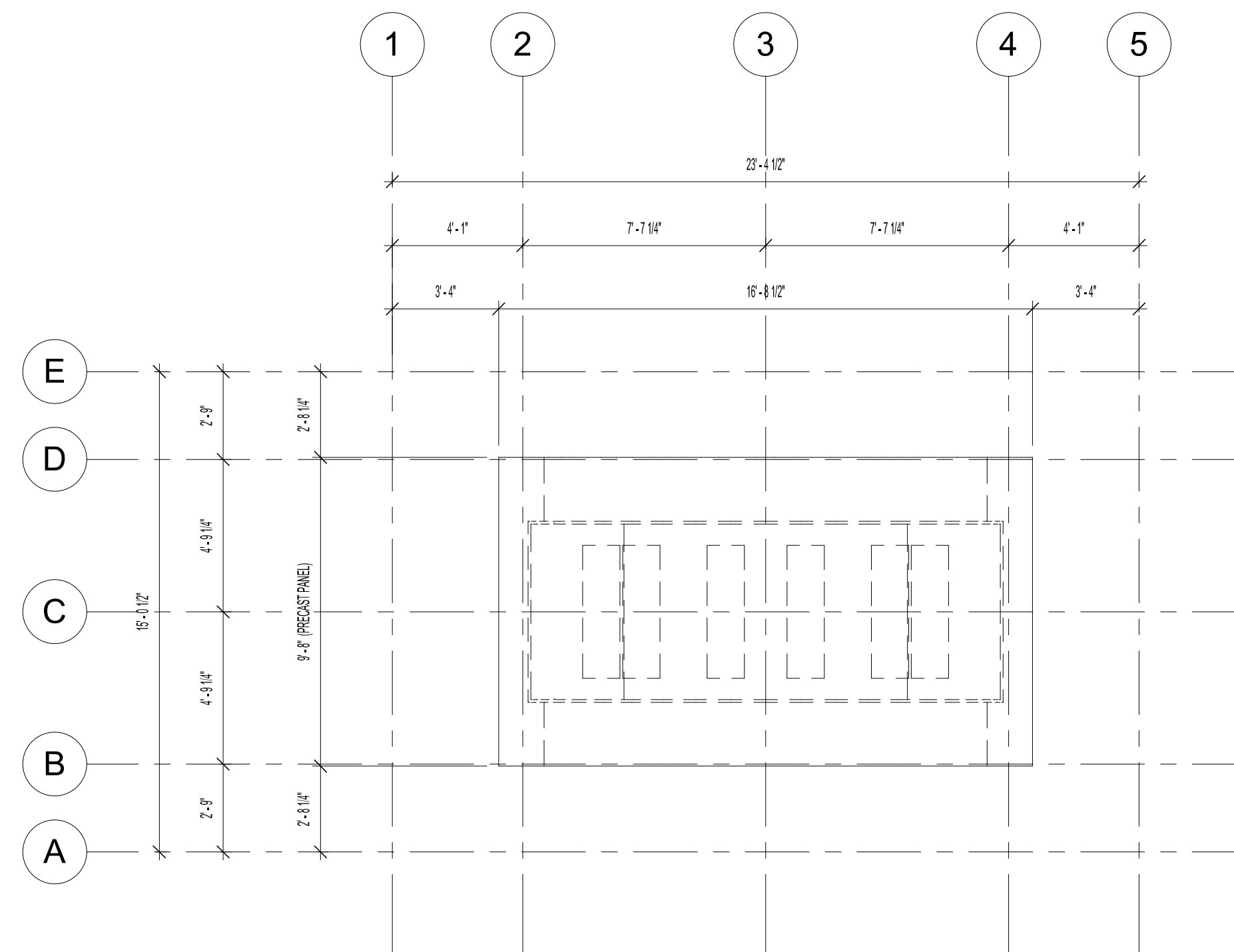
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5 LEVEL 5
E2.02 1/4" = 1'-0"

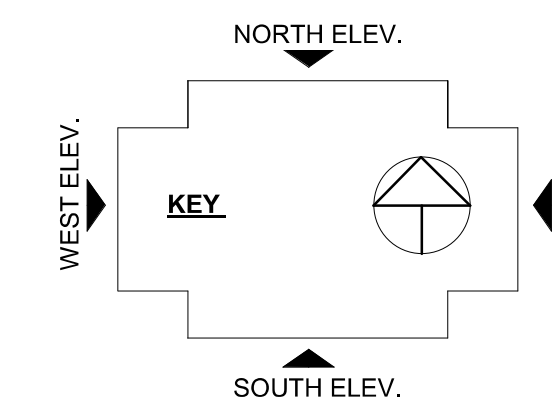


6 LEVEL 6
E2.02 1/4" = 1'-0"



7 TOP OF ARCH
E2.02 1/4" = 1'-0"

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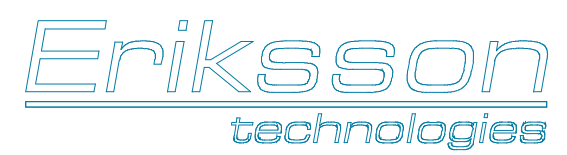
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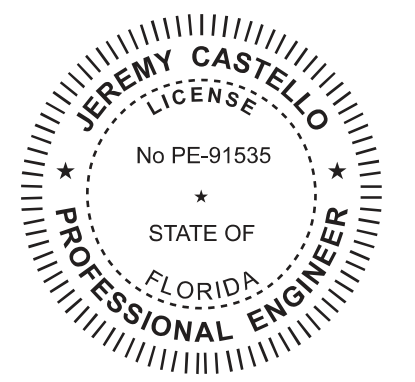
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