

FPL Columbia Storm Processing Facility Phase 2

1185 NW 25A
LAKE CITY, FL 32055

100% CONSTRUCTION DOCUMENTS - 12.03.25

EXTERIOR PERSPECTIVE



PROJECT DESCRIPTON

FACILITY DESIGNATED FOR EMERGENCY RECOVERY OF ELECTRICAL INFRASTRUCTURE FOLLOWING CATASTROPHIC POWER FAILURE EVENTS. FACILITY TO BE VACANT EXCEPT WHEN IN USE FOR EMERGENCY RECOVERY PURPOSES.

WHEN IN USE, BUILDING WILL CONTAIN PROCESSING AND PERSONNEL STAGING FOR RECOVERY AND REPAIR EFFORTS INCLUDING LOCATION ASSIGNMENT AND TEAM DESIGNATION. THE BUILDING WILL HAVE THE ACCOMMODATION TO PROVIDE OVERNIGHT QUARTER TO ELECTRICAL CREW WORKERS WHILE IN THE STAGING PROCESS. ANTICIPATED TO BE FOR ONE NIGHT.

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12/11/2025 8:00:16 AM

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STATE OF FLORIDA

SEAN P. TRACY

REGISTERED ARCHITECT

ARCHITECT

ISSUE FOR

100% CONSTRUCTION DOCUMENTS

ISSUE DATE

12.03.25

REVISIONS	NO.	REASON	DATE

PROJECT TEAM

PRINCIPAL IN CHARGE
Sean Tracy

PROJECT MANAGER
Benjamin Boyles

DESIGN TEAM
ORL COMMUNITY

PROJECT NAME
FPL Columbia Storm Processing Facility Phase 2

1185 NW 25A
LAKE CITY, FL 32055

PROJECT NO.

814.C6328.01

SHEET TITLE

COVER SHEET

SHEET NUMBER

F-CS

A

C

D

E

F

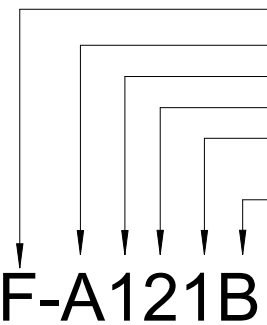
ABBREVIATIONS

Abbr.	Abbreviated Phrase	Abbr.	Abbreviated Phrase	Abbr.	Abbreviated Phrase
ACT	ACOUSTIC CEILING TILE	FOB	FACE OF BRICK	OFF	OFFICE
ADA	AMERICANS WITH DISABILITIES ACT	FOS	FACE OF GLASS	OH	OPPOSITE HAND
ADJ	ADJUSTABLE	FOS	FACE OF SHEATHING	OPNG	OPENING
AED	AUTOMATED EXTERNAL DEFIBRILLATOR	FR	FIRE RETARDANT TREATED		
AFF	ABOVE FINISH FLOOR	FRP	FIBERGLASS REINFORCED PLASTIC	PED	PEDESTAL, PEDESTRIAN, PEDIATRIC
AL	ALUMINUM	FT	FOOT, FEET	PERF	PERFORATE(D)
ALT	ALTERNATE	FURR	FURR(ED), (ING)	PRB	PREFABRICATE(D)
AMC	ACOUSTICAL METAL CEILING	FUT	FUTURE	PNF	PREFINISH(ED)
APC	ACOUSTICAL PANEL CEILING	FVC	FABRIC WALL COVERING	PL, PLAM	PLASTIC LAMINATE
APPROX	APPROXIMATE	FWP	FABRIC WRAPPED PANEL	PLAS	PLASTER, PLASTIC
ARCH	ARCHITECT(URAL)			PLWD	PLYWOOD
ARP	ACRYLIC RESIN PANEL	GA	GAUGE	PNL	PANEL
AWC	ACOUSTICAL WOOD CEILING	GALV	GALVANIZED	PNT	PAINT(ED)
		GB	GLASS BOARD	PR	PAIR
BBD	BULLETIN BOARD	GC	GENERAL CONTRACTOR	PT	PRESSURE TREAT(ED)
BD	BOARD	GL	GLASS, GLAZING	PTN	PARTITION
BO	BOTTOM OF	GR	GROUT	QT	QUARRY TILE
BOT	BOTTOM	GRAN	GRANITE	QZ	QUARTZ, ENGINEERED QUARTZ
		GWB	GYPSPUM WALL BOARD		
		GYP	GYPSPUM		
CL, CL	CENTERLINE			RB	RUBBER BASE
CAB	CABINET	HC	HOLLOW CORE	RBT	RUBBER TILE
CC	CUBICLE CURTAIN	HD	HAND DRYER	REC	RECEPTACLE
CIR	CIRCLE	HDR	HEADER	REF	REFERENCE, REFER
CLS	CEILING	HDW	HARDWARE	REFR	REFRIGERATOR
CLOS	CLOSET	HGT	HEIGHT	REM	REMOVE
CLR	CLEAR(ANCE)	HORIZ	HORIZONTAL(LY)	REQD	REQUIRED
COL	COLUMN	HR	HOUR	RM	ROOM
CON, CONC	CONCRETE	HVAC	HEATING, VENTILATION, AND AIR CONDITIONING	RS	RESILIENT
CONST	CONSTRUCTION			S&R	SHELF AND ROD
CONT	CONTINUOUS / CONTINUE	HWD	HARDWOOD	SCW	SOLID CORE WOOD
CONTR	CONTRACTOR			SECT	SECTION
COORD	COORDINATE	IBC	INTERNATIONAL BUILDING CODE	SF	SQUARE FEET
CPT	CARPET	ID	INSIDE DIAMETER	SFRM	SPRAYED FIRE RESISTIVE MATERIAL
CRB	COVERED RUBBER BASE	INCL	INCLUDE(D), (ING)	SHR	SHOWER
CT	CERAMIC OR PORCELAIN TILE	INSUL	INSULATE(D), (ING)	SIM	SIMILAR
CTR	CENTER	INT	INTERIOR	SPEC	SPECIFICATION(S)
				SS	STAINLESS STEEL
D	DRYER	JAN	JANITOR'S CLOSET	SSM	SOLID SURFACE MATERIAL
DBL	DOUBLE	JT	JOINT	ST	STONE
DEG	DEGREE			STD	STANDARD
DEMO	DEMOLISH / DEMOLITION	KIT	KITCHEN	STOR	STORAGE
DET, DTL	DETAIL	KPL	KICK PLATE	SUSP	SUSPENDED
DIA	DIAMETER			SUSP CLG	SUSPENDED CEILING
DM	DIMENSION	L	LENGTH	SV	SHEET VINYL
DR	DOOR	LAM	LAMINATE(D)	SYS	SYSTEM
DS	DOWNSPOUT	LBL	LABEL		
DWG	DRAWING(S)	LCKR	LOCKER	TB	TACK BOARD
DWN	DOWN	LIN	LINOLEUM	TEMP	TEMPERED, TEMPORARY
DWR	DRAWER	LT	LIGHT	TME	TO MATCH EXISTING
		LVL	LAMINATED VENEER LUMBER	TYP	TYPICAL
EA	EACH	LVT	LUXURY VINYL TILE	TZ	TERRAZZO
EL	ELEVATION				
ELEC	ELECTRICAL			UNO	UNLESS NOTED OTHERWISE
ELEV	ELEVATOR	MATL	MATERIAL(S)		
EOS	EDGE OF SLAB	MAX	MAXIMUM	VB	VINYL BASE
EP	EPOXY FLOORING	MB	MARKER BOARD	VCT	VINYL COMPOSITE TILE
EQ	EQUAL(LY)	MECH	MECHANICAL	VERT	VERTICALLY
EQPT	EQUIPMENT	MFR	MANUFACTURE(R)	VIF	VERIFY IN FIELD
EW	EACH WAY	MIN	MINIMUM	VIN	VINYL
EWV	ELECTRIC WATER COOLER	MISC	MISCELLANEOUS	VT	VINYL TILE
EXIST	EXISTING	MP	METAL PANEL	VWC	VINYL WALL COVERING
EXP	EXPANSION	MTD	MOUNTED		
EXT	EXTERIOR	MTL	METAL	W	WIDTH
		MULL	MULLION	W/	WITH
		MWK	MILLWORK	W/O	WITHOUT
FAAP	FIRE ALARM ANNUNCIATOR PANEL	N	NORTH	WB	WOOD BASE
FACP	FIRE ALAM CONTROL PANEL	NIC	NOT IN CONTRACT	WC	WATER CLOSET
FBD	FURNISHED BY OTHERS	NO, #	NUMBER	WD	WOOD
FDC	FIRE DEPARTMENT CONNECTION	NR	NOISE REDUCTION	WGT	WEIGHT
FE	FIRE EXTINGUISHER	NTS	NOT TO SCALE	WIN	WINDOW
FEC	FIRE EXTINGUISHER CABINET			WM	WALK-OFF MAT/ FLOORING
FF	FINISH FLOOR			WTW	WALL TO WALL
FIN	FINISHED				
FLR	FLOOR(ING)	OC	ON CENTER		
FLUOR	FLUORESCENT				
FO	FACE OF				

GENERAL NOTES

- A. ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS WHICH INCLUDE THE OWNER/CONTRACTOR AGREEMENT, THE PROJECT MANUAL, THE DRAWINGS AND ALL ADDENDA AND MODIFICATIONS ISSUED BY THE ARCHITECT.
- B. REVIEW DOCUMENTS AND VERIFY DIMENSIONS AND FIELD CONDITIONS WHEN APPLICABLE. CONFIRM THAT WORK IS BUILDABLE AS SHOWN. ANY CONFLICTS OR OMISSIONS SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT FOR CLARIFICATION PRIOR TO THE PERFORMANCE OF WORK.
- C. COMPLIANCE WITH INDUSTRY STANDARDS, METHODS OF CONSTRUCTION, AND INSTALLATION AND ERECTION OF ELEMENTS AND MATERIALS ARE THE CONTRACTOR'S RESPONSIBILITY.
- D. THE GC AND EACH SUBCONTRACTOR ARE CONTRACTOR IS REQUIRED TO BE FAMILIAR WITH THE ENTIRE SET OF THESE CONTRACT DOCUMENTS AND ARE IS RESPONSIBLE FOR COORDINATION OF THEIR WORK WITH OTHER TRADES. CORRECTIONS FOR UNCOORDINATED WORK WILL BE MADE AT THE CONTRACTOR'S EXPENSE.
- E. WORK NOTED "BY OTHERS" OR "NIC" SHALL BE PROVIDED BY OWNER OR UNDER SEPARATE CONTRACT.
- F. PROTECT AREAS ADJACENT TO WORK AREA FROM DAMAGE DURING CONSTRUCTION. PATCH AND REPAIR ALL DAMAGED AREAS TO MATCH ADJACENT FINISH AND ENSURE A SMOOTH SURFACE. DO NOT SCALE DRAWINGS. ALL PARTITION LOCATIONS, DIMENSIONS, AND TYPES, AND ALL DOOR AND WINDOW LOCATIONS SHALL BE AS SHOWN ON PARTITION PLAN. IN CASE OF CONFLICT, NOTIFY ARCHITECT. PARTITION PLAN SUPERSEDES OTHER PLANS.
- G. COORDINATE AND PROVIDE METAL OR RATED SOLID WOOD (FIRE TREATED) BLOCKING IN PARTITIONS AND CEILINGS FOR ALL WALL HUNG AND CEILING ATTACHED ITEMS INCLUDING MILLWORK, EQUIPMENT, AND FURNITURE. COORDINATE WITH OWNER AND VENDOR TO IDENTIFY LOCATIONS AND SIZES OF ITEMS PROVIDED/INSTALLED BY OTHERS.
- H. PARTITIONS ARE DIMENSIONED FROM FINISH FACE TO FINISH FACE OF GYPSUM BOARD, UNLESS INDICATED OTHERWISE. DIMENSIONS MARKED "CLEAR", "HOLD", AND "MIN" SHALL BE MAINTAINED AND SHALL ALLOW FOR THICKNESS OF FINISHES. COORDINATE THICKNESS WITH FINISH SCHEDULE, SPECIFICATIONS, AND DETAILS.
- I. COLUMN CENTER LINES, OR GRID LINES, ARE SHOWN FOR DIMENSIONING. VERIFY EXACT LOCATIONS IN FIELD.
- J. PROVIDE PARTITION TYPE WITH THE HIGHEST UL AND/OR ACOUSTICAL PERFORMANCE RATING WHERE MORE THAN ONE PARTITION TYPE IS INDICATED.
- K. "ALIGN" SHALL MEAN TO ACCURATELY LOCATE FINISH FACES IN THE SAME PLANE.
- L. MATERIALS USED IN UL RATED ASSEMBLIES SHALL CONFORM TO REFERENCED STANDARDS.
- M. STENCIL BOTH SIDES OF UL RATED PARTITIONS ABOVE SCHEDULED CEILING WITH REQUIRED PROTECTION TEXT.
- N. FIRE STOP PENETRATIONS IN UL RATED ASSEMBLIES TO MAINTAIN/ACHIEVE LEVEL OF PROTECTION REQUIRED FOR ASSEMBLY TYPE. FIRE STOP ALONG PERIMETER OF RATED ASSEMBLIES WHERE VOIDS OCCUR. REFER TO UL DETAILS FOR MORE INFORMATION. GC SHALL NOTIFY THE ARCHITECT OF ANY PENETRATIONS TO RATED ASSEMBLIES NOT COVERED BY THE UL DETAILS PROVIDED IN THIS DRAWING SET AND PROVIDE DETAILS FOR ARCHITECT REVIEW PRIOR TO PROCEEDING WITH WORK.
- O. PROVIDE FIRE EXTINGUISHER CABINETS, SMOKE DETECTORS AND ALL OTHER LIFE SAFETY DEVICES AS REQUIRED BY CODE. PROVIDE DRAWING SHOWING LOCATION, OF DEVICES FOR REVIEW PRIOR TO FRAMING OF WALLS. DO NOT PLACE IN FIRE RATED PARTITIONS.
- P. PROVIDE HOT AND COLD WATER LINES, SOIL, VENT LINES AND PRESSURE AND SHUTOFF VALVES AS REQUIRED IN ACCORDANCE WITH LOCAL BUILDING AND PLUMBING CODES FOR PLUMBING FIXTURES.
- Q. COORDINATE SCHEDULE FOR TELEPHONE, DATA, SECURITY, AND AUDIO VISUAL INSTALLATIONS WITH TENANT AND OWNER.

SHEET NUMBERING LEGEND

SHEET NUMBER STRUCTURE	DISCIPLINE DESIGNATORS	SHEET TYPE DESIGNATORS
	- CS COVER SHEET - G GENERAL / LIFE SAFETY - H HAZARDOUS MATERIALS - V SURVEY / MAPPING - B GEOTECHNICAL - C CIVIL - L LANDSCAPE - A ARCHITECTURE - I INTERIORS - S STRUCTURAL - P PLUMBING - F FIRE PROTECTION - M MECHANICAL - E ELECTRICAL - T TELECOM / DATA - X OTHER DISCIPLINES	0 GENERAL INFORMATION 1 PLANS 2 ELEVATIONS 3 SECTIONS 4 ENLARGEMENTS 5 DETAILS 6-9 (VARIES BY DISCIPLINE)

SHEET INDEX

00 COVER SHEET

F-C5

COVER SHEET

01 GENERAL/LIFE SAFETY

F-G001

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BUILDING CODE SUMMARY

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F-G111

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INTERIOR PARTITIONS - TYPES

F-A011

INTERIOR PARTITIONS - DETAILS

F-A020

EXTERIOR SYSTEMS

F-A101

ARCHITECTURAL SITE PLAN

F-A111

FLOOR PLAN - LEVEL 01

F-A112

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F-A121

REFLECTED CEILING PLAN - LEVEL 01

F-A131

ROOF PLAN

F-A210

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F-A320

WALL SECTIONS

F-A411

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F-A421

RESTROOM ELEVATIONS

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F-A511

ROOF DETAILS

F-A512

CANOPY DETAILS

F-A521

ROOF HATCH AND LADDER DETAILS

F-A531

CEILING DETAILS

F-A701

SIGNAGE DETAILS

F-A800

FINISH SCHEDULE AND PLAN

F-A811

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F-A821

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F-A841

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F-A842

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S003A

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S003B

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S005

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S009A

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S102

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TYPICAL SLAB-ON-GROUND DETAILS

S311

SLAB-ON-GROUND DETAILS

S360

TYPICAL HOLLOW CORE DETAILS

S500

TYPICAL STEEL FOUNDATION DETAILS

S510

TYPICAL STEEL FRAMING DETAILS

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SCHEDULES

F-M003

DETAILS

F-M004

DETAILS

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F-M102

OVERALL ROOF PLAN

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F-E003

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F-EG101

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F-EL101

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F-EL102

PHOTOMETRIC PLAN

F-EP101

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F-EP102

ROOF ELECTRICAL PLAN

F-E401

PARTIAL ELECTRICAL PLAN

F-E402

PARTIAL ELECTRICAL PLAN

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PARTIAL ELECTRICAL PLAN

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PARTIAL SYSTEMS PLAN

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PARTIAL SYSTEMS PLAN

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F-FA501

FIRE ALARM SYMBOL, LEGEND, SEQUENCE OF OPERATION & DEVICE DETAIL

08 PLUMBING

F-P001

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SPECIFICATIONS

F-FP004

DRY PIPE SYSTEM DETAILS

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OVERALL LEVEL 1 - FLOOR PLAN

F-FP201

ENLARGED PLAN AND ISOMETRICS

REFERENCE KIMLEY-HORN CIVIL, LANDSCAPE & IRRIGATION SETS FOR ASSOCIATED SCOPE TO BE SUBMITTED UNDER SEPERATE COVER.

SYMBOLS

ARCHITECTURAL ELEMENTS

ROOM NAME

ROOM NUMBER

DOOR NUMBER

WALL TAG

ALUMINUM FRAMING SYSTEM TAG

WINDOW TAG

TOILET ACCESSORIES TAG

MATERIALS TAG

EQUIPMENT TAG

CARD READER

CEILING TYPE FINISH ELEVATION

VIEW ELEMENTS

2

A301

1

A101

1

AS.0.2B

1

AS.0.2B

1

1

DETAIL MARKER

SECTION MARKER

EXTERIOR ELEVATION MARKER

INTERIOR ELEVATION MARKER

SITE & LOCATION ELEMENTS

Level Name

0'-0"

AA

00

N

ELEVATION DATUM POINT

COLUMN GRID AND GRID BUBBLES

NORTH ARROW

ANNOTATIONS

01

SHEET KEYNOTE

6

1

7

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Sean Tracy

PROJECT MANAGER
Benjamin Boyles

DESIGN TEAM
AC, BB

POWER TEAM

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PROJECT NO.

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SHEET TITLE

GENERAL INFORMATION AND SHEET INDEX

SHEET NUMBER

F-G001

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FPL Columbia Storm
Processing Facility Phase 2

1185 NW 25A
LAKE CITY, FL 32055

PROJECT NO.

814.C6328.01

SHEET TITLE

BUILDING CODE SUMMARY

SHEET NUMBER

F-G002

BUILDING CODE SUMMARY

Project Information

Project Name:

FPL COLUMBIA STORM PROCESSING FACILITY

Project Address:

1185 NW 25A LAKE CITY, FL 32055

Proposed Use:

BUSINESS

Owner or Authorized Agent:

FLORIDA POWER AND LIGHT

Owner or Agent Phone:

JOEL JONES

Owned By:

☒ Private

☐ City/County

☐ School Board

☐ State

Code Enforcement Jurisdiction:

☒ City

☐ School Board

☒ County COLUMBIA

☐ State FLORIDA

Design Team

Lead Design Professional:

SEAN TRACY, STUDIO PRINCIPAL

DESIGNER FIRM NAME LICENSE # PHONE # EMAIL

Architectural: LITTLE SEAN TRACY AR#92323 (407)218-8286 sean.tracy@littleonline.com

Civil: KIMLEY HORN

Electrical: CEA

Fire Alarm: CEA

Plumbing: CEA

Mechanical: CEA

Sprinkler: CEA

Structural: JEZERINAC

Landscape: KIMLEY HORN

Building Code

Year Edition of Code:

2023 Florida Building Code, Building, Eighth Edition

Type of Construction:

☒ New Construction ☐ Addition ☐ Existing

Building Code

Sprinklers:

☒ Yes ☐ No ☒ NFPA 13-02 ☐ NFPA 13R-02 ☐ NFPA 13D-02

Standpipes:

☐ Yes ☒ No Class: ☐ II ☐ III ☐ Wet ☐ Dry

Fire District:

☐ Yes ☐ No

Flood Hazard Area:

☐ Yes ☐ No

Building Height:

20' - 0' Number of Stories: 1

Gross Building Area

16,000 SF

STRUCTURAL DESIGN

THRESHOLD INSPECTIONS REQUIRED:

☐ Yes ☒ No BUILDING IS GREATER THAN 3 STORIES, ☒ ☐ Yes ☒ No ASSEMBLY OCCUPANCY THAT EXCEEDS 5,000 SF AND OCCUPANT DENSITY GREATER THAN 500 PERSONS

Additional Governing Codes

8TH EDITION (2023) OF THE FLORIDA FIRE PROTECTION CODE

NFPA 1 FIRE CODE (2021)

NFPA 101 LIFE SAFETY CODE (2021)

GROSS BUILDING AREA

BUILDING AREA (FBC CH. 2; SECTION 202 DEFINITIONS)

EXTERIOR CANOPIES

8,434 SF

B

5,497 SF

R-1

10,503 SF

DUMPSTER ENCLOSURE

287 SF

GENERATOR ENCLOSURE

584 SF

PROJECT DESCRIPTON

FACILITY DESIGNATED FOR EMERGENCY RECOVERY OF ELECTRICAL INFRASTRUCTURE FOLLOWING CATASTROPHIC POWER FAILURE EVENTS. FACILITY TO BE VACANT EXCEPT WHEN IN USE FOR EMERGENCY RECOVERY PURPOSES.

WHEN IN USE, BUILDING WILL CONTAIN PROCESSING AND PERSONNEL STAGING FOR RECOVERY AND REPAIR EFFORTS INCLUDING LOCATION ASSIGNMENT AND TEAM DESIGNATION. THE BUILDING WILL HAVE THE ACCOMMODATION TO PROVIDE OVERNIGHT QUARTER TO ELECTRICAL CREW WORKERS WHILE IN THE STAGING PROCESS, ANTICIPATED TO BE FOR ONE NIGHT.

Occupancy:

Assembly:

☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5

Business:

☐ B

Educational:

☐ E

Factory:

☐ F-1 Moderate ☐ F-2 Low

Hazardous:

☐ H-1 Detonate ☐ H-2 Deflagrate ☐ H-3 Combust ☐ H-4 Health ☐ H-5 HPM

Institutional:

☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4

I-3 Use Condition:

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

Mercantile:

☐ M

Residential:

☒ R-1 ☐ R-2 ☐ R-3 ☐ R-3.1 ☐ R-4

Storage:

☐ S-1 ☐ S-2 ☐ High-piled

Utility and Miscellaneous:

☐ U

Parking Garage:

☐ Open ☐ Closed ☐ Repair

Secondary Occupancy:

Assembly:

☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5

Business:

☒ B

Educational:

☐ E

Factory:

☐ F-1 Moderate ☐ F-2 Low

Hazardous:

☐ H-1 Detonate ☐ H-2 Deflagrate ☐ H-3 Combust ☐ H-4 Health ☐ H-5 HPM

Institutional:

☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4

I-3 Use Condition:

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

Mercantile:

☐ M

Residential:

☐ R-1 ☐ R-2 ☐ R-3 ☐ R-3.1 ☐ R-4

Storage:

☐ S-1 ☐ S-2 ☐ High-piled

Utility and Miscellaneous:

☐ U

Parking Garage:

☐ Open ☐ Closed ☐ Repair

Incidental Uses: (Table 509):

Furnace room where any piece of equipment is over 400,000 BTU per hour input

Rooms with boilers where the largest piece of equipment is over 15 psi and 10 horsepower

Refrigerant machine room

Hydrogen cutoff rooms, not classified as Group H

Incinerator rooms

Paint shops, not classified as Group H, located in occupancies other than Group F

Laboratories and vocational shops, not classified as Group H, located in a Group E or I-2 occupancy

Laundry rooms over 100 square feet

Group I-3 cells equipped with padded surfaces

Group I-2 waste and linen collection rooms

Waste and linen collection rooms over 100 square feet

Stationary storage battery systems having a liquid electrolyte capacity of more than 50 gallons, or a lithium-ion capacity of 1,000 pounds used for facility standby power, emergency power or uninterrupted power supplies

Rooms containing fire pumps

Group I-2 storage rooms over 100 square feet

Group I-2 commercial kitchens

Group I-2 laundries equal to or less than 100 square feet

Group I-2 rooms or spaces that contain fuel-fired heating equipment

Special Uses:

☐ 402 ☐ 403 ☐ 404 ☐ 405 ☐ 406 ☐ 407 ☐ 408 ☐ 409 ☐ 410 ☐ 411 ☐ 412

☐ 413 ☐ 414 ☐ 415 ☐ 416 ☐ 417 ☐ 418 ☐ 419 ☐ 420 ☐ 421 ☐ 422 ☐ 423

☐ 424 ☐ 449 ☐ 450 ☐ 451 ☐ 452 ☐ 453 ☐ 454 ☐ 455 ☐ 456 ☐ 457 ☐ 458

☐ 459 ☐ 460 ☐ 461 ☐ 462 ☐ 463 ☐ 464 ☐ 465 ☐ 466 ☐ 467 ☐ 468 ☐ 469

☐ Ch.30 ☐ 3109

Special Provisions:

☐ 510.2 ☐ 510.3 ☐ 510.4 ☐ 510.5 ☐ 510.6 ☐ 510.7 ☐ 510.8

Mixed Occupancy:

☒ Yes ☐ No Separation: Exception:

☐ Incidental Use Separation (509.4)

This separation is not exempt as a Non-Separated Use (see exceptions).

☐ Non-Separated Use (508.3)

This required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies of the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.

☒ Separated Use (508.4)

For each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

Area Summary:

STORY #	DESCRIPTION AND USE	(A) BUILDING AREA PER STORY (ACTUAL)	(B) TABLE 506.2 AREA	(C) AREA FOR OPEN SPACE INCREASE ¹	(D) AREA FOR SPRINKLER INCREASE ²	(E) ALLOWABLE AREA OR UNLIMITED ³	(F) MAXIMUM BUILDING AREA ⁴	(G) TOTAL ALLOWABLE AREA
LEVEL 01	B	5,492 SF	92,000 SF	-	-	92,000 SF	-	92,000 SF
LEVEL 01	R-1	10,508 SF	64,000 SF	-	-	64,000 SF	-	64,000 SF
TOTAL	-	16,000 SF	64,000 SF	-	-	64,000 SF	-	64,000 SF

¹ Frontage area increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = ____ (F)
b. Total Building Perimeter = ____ (P)
c. Ratio (F/P) = ____ (F/P)
d. W = Minimum width of public way = ____ (W)
e. Percent of frontage increases I = 100(F/P - 0.25) x W30 = ____ (%)

² The sprinkler increase per Section 506.3 is as follows:
a. Multi-story building I = 200 percent
b. Single-story building I = 300 percent

³ Unlimited area applicable under conditions of Sections Group B, F, M, S, A-4 (507.3), A-3 (507.6); Group A medium picture (507.10); covered malls (402.6); and H-2 aircraft paint hangers (507.8).

⁴ Maximum Building Area = total number of stories in the building x E but not greater than 3 x E (506.4).

Allowable Height:

	ALLOWABLE (TABLE 503)	INCREASED FOR SPRINKLERS	SHOWN ON PLANS	CODE REFERENCE
TYPE OF CONSTRUCTION	IIB		-	601
BUILDING HEIGHT IN FEET	55'	HEIGHT+20= 75'	HEIGHT= 20'0"	504.3
BUILDING HEIGHT IN STORIES	3	STORIES+1= 4	STORIES= 1	504.4

FIRE PROTECTION REQUIREMENTS

Life Safety Plan Sheets: REFER TO G SHEETS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	REQ'D	RATING PROVIDED (w/ REDUCTION)	CODE REF.	DESIGN # FOR RATED ASSEMBLY	DESIGN # FOR RATED PENETRATION	DESIGN # FOR RATED JOINTS
Structural Frame, including columns, girders, joists		0	0				
Bearing Walls		0	0				
Exterior		0	0				
North		0	0				
East		0	0				
West		0	0				
South		0	0				
Interior		0	0				
Nonbearing Walls and Partitions							
Exterior walls (SEE TABLE 602 FOR FIRE SEPARATION DISTANCES)							
North (FSD IS GREATER THAN 30'-0")		0	0				
East (FSD IS GREATER THAN 30'-0")		0	0				
West (FSD IS GREATER THAN 30'-0")		0	0				
South (FSD IS GREATER THAN 30'-0")		0	0				
Interior walls and partitions		0	0				
Floor Construction							
Including supporting beams and joists		0	0				
Roof Construction							
Including supporting beams and joists		0	0				
Shaft Enclosures - Exit		0	0				
Shaft Enclosures - Other		0	0				
Corridor Separation		0	0				
Occupancy Separation (SEE CODE SECTION 906)		0	0				
Party/Fire Wall Separation		0	0				
Smoke Barrier Separation		0	0				
Incidental Use Separation		-					

* Indicate section number permitting reduction

LIFE SAFETY SYSTEMS - EXISTING OR NEW SYSTEMS - REQUIRED FOR ALL PROJECTS

Emergency Lighting:

☒ Yes ☐ No

Fire Alarm:

☒ Yes ☐ No

Smoke Detection Systems:

☒ Yes ☐ No ☐ Partial

Panic Hardware:

☒ Yes ☐ No

Life Safety Systems Generator:

☒ Yes ☐ No

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: Level One = F-G111

☒ Fire and/or smoke rated wall locations (Chapter 7)

☐ Assumed and real property line locations

☐ Exterior wall opening area with respect to distance to assumed property lines (705.8)

☐ Existing structures within 30' of the proposed building

☒ Occupancy types for each area as it relates to occupant load calculation (Table 1004.1.2)

☒ Occupant loads for each area

☐ Exit access travel distances (1017.2) = **300' (B - SPRINKLERED)**

☒ Common path of travel distances (1006.2.1) = **100' (B - SPRINKLERED)**

☒ Common path of travel in assembly spaces = **(Not Applicable)**

☒ Dead end lengths (1020.4) = **60' (SPRINKLERED)**

☒ Corridor width (1020.2) = **44" (Other Occupancies)**

☒ Panic Hardware required for doors serving a space with an **occupant load of 50 or more**

☐ Clear exit widths for each exit door

☒ Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.1)

☒ Actual occupant load for each exit door

☐ A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation

☒ Location of doors with panic hardware (1008.1.10.1)

☐ Location of doors with delayed egress locks and the amount of delay (1008.1.9.7)

☐ Location of doors with electromagnetic egress locks (1008.1.9.9)

☐ Location of doors equipped with hold-open devices

☐ Location of emergency escape windows (1029)

☐ The square footage of each fire area (901.7)

☐ The square footage of each smoke compartment (422.3)

☒ Note any code exceptions or table notes that may have been utilized regarding the items above

ADDITIONAL REFERENCES

303.1.2 SMALL ASSEMBLY SPACES (FBC)

THE FOLLOWING ROOMS AND SPACES SHALL NOT BE CLASSIFIED AS ASSEMBLY OCCUPANCIES:

1 A ROOM OR SPACE USED FOR ASSEMBLY PURPOSES WITH AN OCCUPANT LOAD OF LESS THAN 50 PERSONS AND ACCESSORY TO ANOTHER OCCUPANCY SHALL BE CLASSIFIED AS A GROUP B OCCUPANCY OR AS PART OF THAT OCCUPANCY.

2 A ROOM OR SPACE USED FOR ASSEMBLY PURPOSES THAT IS LESS THAN 750 SQUARE FEET (70 M2) IN AREA AND ACCESSORY TO ANOTHER OCCUPANCY SHALL BE CLASSIFIED AS A GROUP B OCCUPANCY OR AS PART OF THAT OCCUPANCY.

1004.5.1 INCREASED OCCUPANT LOAD (FBC)

THE OCCUPANT LOAD PERMITTED IN ANY BUILDING, OR PORTION THEREOF, IS PERMITTED TO BE INCREASED FROM THAT NUMBER ESTABLISHED FOR THE OCCUPANCIES IN TABLE 1004.5, PROVIDED THAT ALL OTHER REQUIREMENTS OF THE CODE ARE MET BASED ON SUCH MODIFIED NUMBER AND THE OCCUPANT LOAD DOES NOT EXCEED ONE OCCUPANT PER 7 SQUARE FEET (0.65 M2) OF OCCUPIABLE FLOOR SPACE. WHERE REQUIRED BY THE BUILDING OFFICIAL, AN APPROVED AISLE, SEATING OR FIXED EQUIPMENT DIAGRAM SUBSTANTIATING ANY INCREASE IN OCCUPANT LOAD SHALL BE SUBMITTED. WHERE REQUIRED BY THE BUILDING OFFICIAL, SUCH DIAGRAM SHALL BE POSTED.

403.1.1 FIXTURE CALCULATIONS, EXCEPTION 1 (FBC PLUMBING) (66/33 SPLIT)

THE TOTAL OCCUPANT LOAD SHALL NOT BE REQUIRED TO BE DIVIDED IN HALF WHERE APPROVED. STATISTICAL DATA INDICATES A DISTRIBUTION OF THE SEXES OF OTHER THAN 50 PERCENT OF EACH SEX.

403.1.2 SINGLE-USER TOILET AND BATHING ROOM FIXTURES. (FBC PLUMBING)

THE PLUMBING FIXTURES LOCATED IN SINGLE-USER TOILET AND BATHING ROOMS, INCLUDING FAMILY OR ASSISTED-USE TOILET AND BATHING ROOMS THAT ARE REQUIRED BY THE FLORIDA BUILDING CODE. ACCESSIBILITY, SHALL CONTRIBUTE TOWARD THE TOTAL NUMBER OF REQUIRED PLUMBING FIXTURES FOR A BUILDING OR TENANT SPACE. SINGLE-USER TOILET AND BATHING ROOMS, AND FAMILY OR ASSISTED-USE TOILET AND BATHING ROOMS, SHALL BE IDENTIFIED AS BEING AVAILABLE FOR USE BY ALL PERSONS REGARDLESS OF THEIR SEX.

THE TOTAL NUMBER OF FIXTURES SHALL BE PERMITTED TO BE BASED ON THE REQUIRED NUMBER OF SEPARATE FACILITIES OR BASED ON THE AGGREGATE OF ANY COMBINATION OF SINGLE-USER OR SEPARATE FACILITIES.

1004.5.1 INCREASED OCCUPANT LOAD (FBC)

THE OCCUPANT LOAD PERMITTED IN ANY BUILDING, OR PORTION THEREOF, IS PERMITTED TO BE INCREASED FROM THAT NUMBER ESTABLISHED FOR THE OCCUPANCIES IN TABLE 1004.5, PROVIDED THAT ALL OTHER REQUIREMENTS OF THE CODE ARE MET BASED ON SUCH MODIFIED NUMBER AND THE OCCUPANT LOAD DOES NOT EXCEED ONE OCCUPANT PER 7 SQUARE FEET (0.65 M2) OF OCCUPIABLE FLOOR SPACE. WHERE REQUIRED BY THE BUILDING OFFICIAL, AN APPROVED AISLE, SEATING OR FIXED EQUIPMENT DIAGRAM SUBSTANTIATING ANY INCREASE IN OCCUPANT LOAD SHALL BE SUBMITTED. WHERE REQUIRED BY THE BUILDING OFFICIAL, SUCH DIAGRAM SHALL BE POSTED.

PLUMBING FIXTURE CALCULATIONS

PLUMBING FIXTURES REQUIRED - PER LEVEL												
PLUMBING CLASSIFICAITON	AREA	LOAD FACTOR	OCCUPANTS			WCs		LAVs		DRINKING FOUNTAINS	SHOWERS	OTHER
			TOTAL	M	W	M	W	M	W			
LEVEL 01												
B												
B (50 SF) - BUSINESS, CONCENTRATED	3,165 SF	50 SF	63.30	42.20	21.10	1.69	0.84	1.05	0.53	0.63	0.00	
B (150 SF) - BUSINESS	2,274 SF	150 SF	15.16	10.11	5.05	0.40	0.20	0.25	0.13	0.15	0.00	1 SERVICE SINK
R-1												
R-1 - RESIDENTIAL_Transient.	9,870 SF	68 SF	145.14	96.76	48.38	0.98	0.97	0.98	0.97		0.97	<varies>
F												
	15,308 SF		223.60	149.07	74.53	3.07	2.01	2.28	1.62	0.78	0.97	

PLUMBING FIXTURES PROVIDED - PER LEVEL							
PER LEVEL	WCs			URINALS	LAVs	BATHTUB / SHOWERS*	SERVICE SINK
	W	M	U				
	6	5	2	4	18	14	3

*NOT REQUIRED IN BUSINESS OR ASSEMBLY (A-3) OCCUPANCIES

OCCUPANT LOAD & EGRESS

OCCUPANT LOAD - LEVEL 01				
DESCRIPTION	FUNCTION (USE) OF SPACE	AREA	LOAD FACTOR	OCCUPANT LOAD
B				
ACCESSORY	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM (GROSS)	95 SF	300 SF	0.32
ACCESSORY	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM (GROSS)	394 SF	300 SF	1.31
ACCESSORY	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM (GROSS)	114 SF	300 SF	0.38
ACCESSORY	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM (GROSS)	149 SF	300 SF	0.50
BUSINESS	BUSINESS AREA (GROSS 1:150)	1,049 SF	150 SF	6.99
OFFICE	BUSINESS AREA - CONCENTRATED (GROSS) 1004.8	969 SF	50 SF	19.39
OFFICE	BUSINESS AREA - CONCENTRATED (GROSS) 1004.8	966 SF	50 SF	19.33
OFFICE	BUSINESS AREA - CONCENTRATED (GROSS) 1004.8	967 SF	50 SF	19.33
STORAGE	WAREHOUSES, REPAIR GARAGES (GROSS)	735 SF	500 SF	1.47
R-1				
BOARDING (TRANSIENT)	RESIDENTIAL (GROSS)	6,922 SF	68 SF	101.79
BOARDING (TRANSIENT)	RESIDENTIAL (GROSS)	222 SF	68 SF	3.26
BOARDING (TRANSIENT)	RESIDENTIAL (GROSS)	2,726 SF	68 SF	40.09
TOTALS:		15,308 SF		214.16

MEANS OF EGRESS SIZING - LEVEL 01						
OCCUPANT LOAD	EGRESS CAPACITY FACTOR		EXIT WIDTHS REQUIRED		EXIT WIDTHS PROVIDED	NUMBER OF EXITS REQ'D / PROVIDED
	STAIRS	DOORS	STAIRS	DOORS	STAIRS	DOORS
B						
	2.51	<varies>	<varies>	0.26"	0.17"	
	6.99	0.20"	0.15"	1.40"	1.05"	
	58.05			0.00"	0.00"	
	1.47			0.00"	0.00"	
R-1						
	145.14			0.00"	0.00"	

LIFE SAFETY LEGEND

DOOR TAG

34" 0.25"

170 75

PANIC: Yes

ACCESS: Yes

REQUEST: No

AREA TAG

Area Name

300 SF

100

3

CLEAR OPENING WIDTH

CLEAR WIDTH PER OCCUPANT

OCCUPANT CAPACITY

ACTUAL OCCUPANT LOAD

PANIC HARDWARE

ACCESS CONTROL DEVICE (E.G. CARD READER)

REQUEST TO EXIT

DESCRIPTION OF USE

AREA

OCCUPANT LOAD FACTOR

OCCUPANT LOAD

EGRESS PATHS & DISTANCES:

X'-X"

X'-X"

OVERALL TRAVEL DISTANCE

COMMON PATH OF TRAVEL

X'-X"

DEAD END DISTANCE

SMOKE COMPARTMENT

PATH OF TRAVEL

DISTANCE CALCULATIONS:

OVERALL DIAGONAL DISTANCE - X'-X"

DISTANCE BETWEEN EXITS - X'-X"

LIFE SAFETY SYMBOLS:

CR

CRD

ILLUMINATED EXIT SIGN

FEC

FIRE EXTINGUISHER CABINET

FE

FIRE EXTINGUISHER

FAK

FIRST AID KIT

AED

AUTOMATED EXTERNAL DEFIBRILLATOR

RATED PARTITION LEGEND

FIRE WALLS

3-HR FIRE WALL

2-HR FIRE WALL

1-HR FIRE WALL

FIRE PARTITIONS

1-HR FIRE PARTITION

5-HR FIRE PARTITION

FIRE BARRIERS

3-HR FIRE BARRIER

2-HR FIRE BARRIER

1-HR FIRE BARRIER

SMOKE PARTITION

SMOKE PARTITION

SMOKE BARRIER

SMOKE BARRIER

FUNCTION (USE) OF SPACE LEGEND

ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM (GROSS)

BUSINESS AREA (GROSS 1:150)

BUSINESS AREA - CONCENTRATED (GROSS) 1004.8

RESIDENTIAL (GROSS)

WAREHOUSES, REPAIR GARAGES (GROSS)

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PROJECT NAME

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1185 NW 25A
LAKE CITY, FL 32055

PROJECT NO.

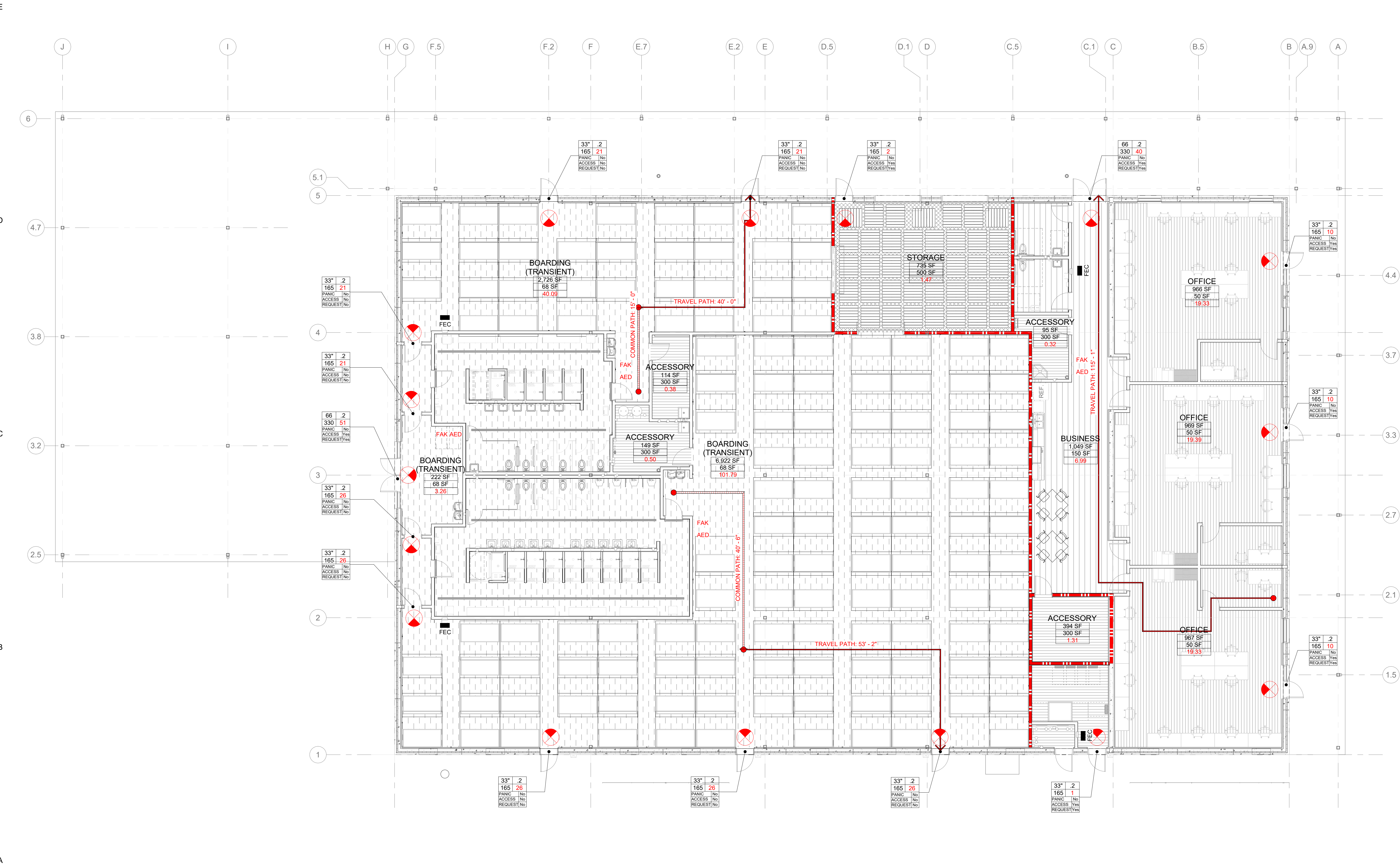
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SHEET TITLE

LIFE SAFETY PLAN - LEVEL 01

SHEET NUMBER

F-G111



F

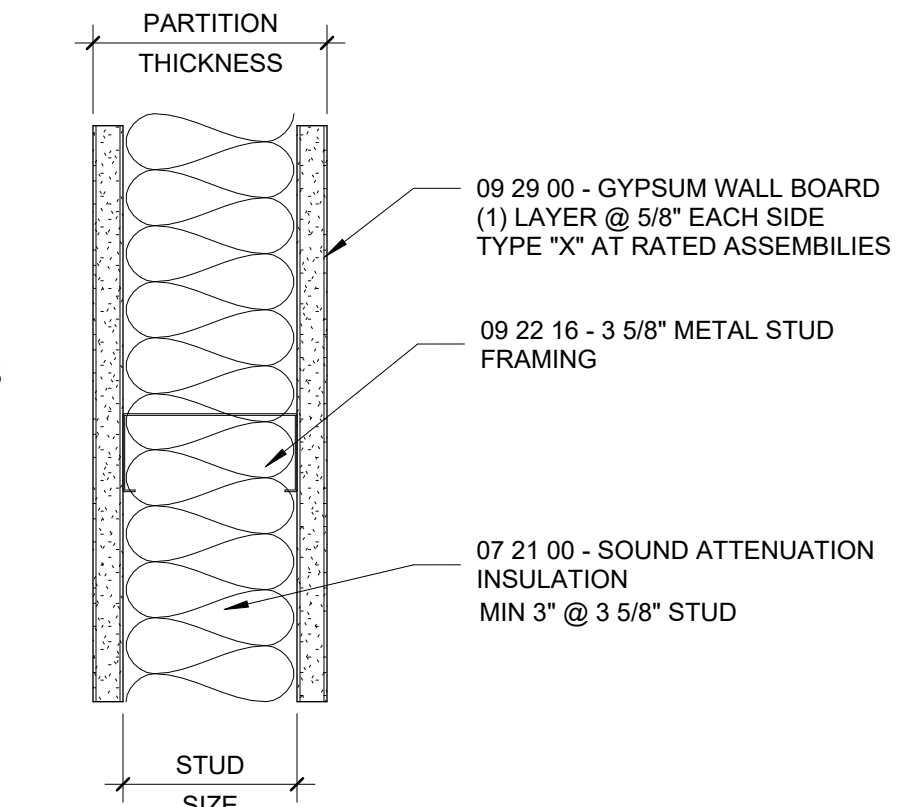
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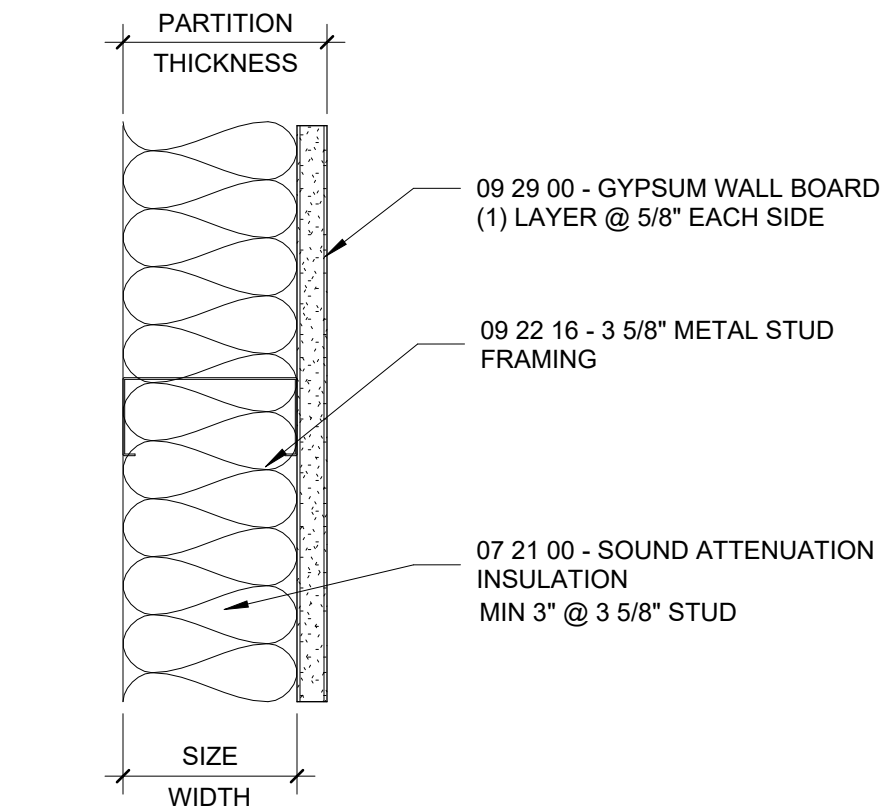
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A



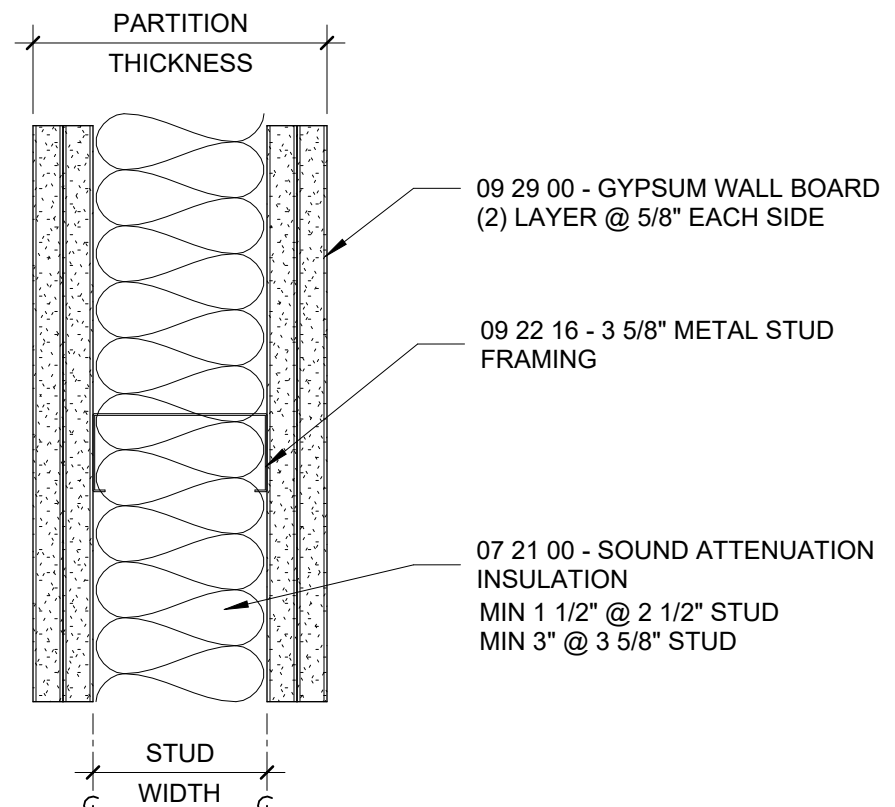
xMxA			
DESCRIPTION	NON-BEARING INTERIOR PARTITION		
RATED ASSEMBLY	UL U419	STC TEST	SA-870717
NOTES	SEE PLANS FOR FIRE PARTITION, FIRE BARRIER OR SMOKE BARRIER LOCATIONS. STC IS N/A IF INSULATION IS NOT REQUIRED.		

	STUD SIZE	PARTITION THICKNESS	STC
0M2A	1 5/8"	2 7/8"	N/A
0M3A	2 1/2"	3 3/4"	N/A
xM4A	3 5/8"	4 7/8"	49
xM6A	6"	7 1/4"	49



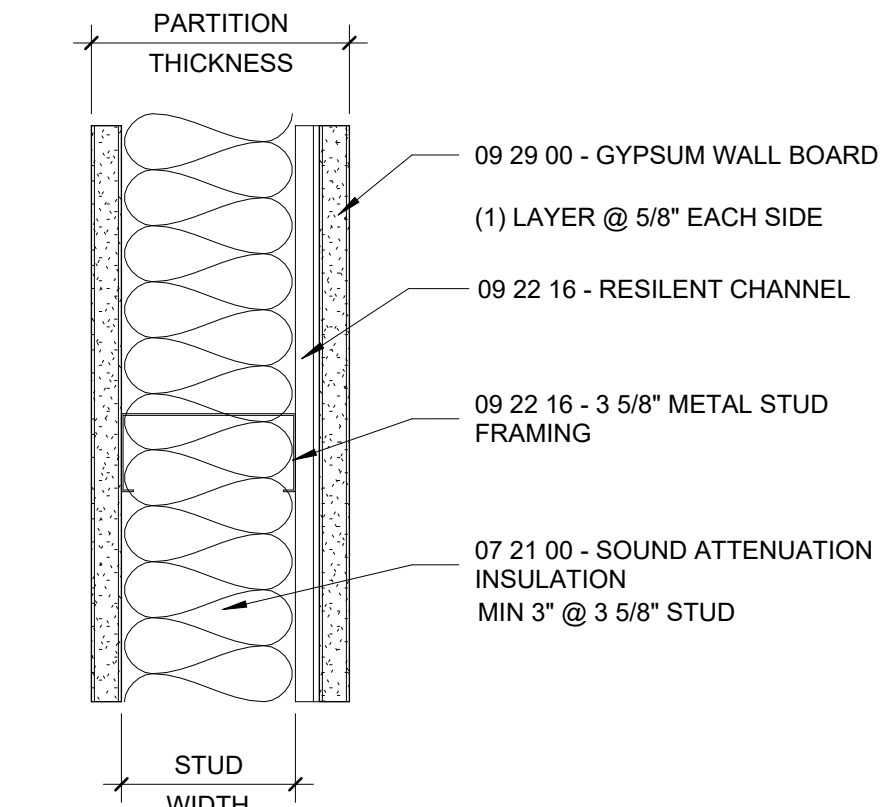
0MxB			
DESCRIPTION	NON-BEARING INTERIOR PARTITION		
RATED ASSEMBLY	N/A	STC TEST	NGC 2013012 (3 5/8") NGC 2013021 (6")
NOTES			

	STUD SIZE	PARTITION THICKNESS	STC
0M2B	1 5/8"	2 1/4"	N/A
0M3B	2 1/2"	3 1/8"	N/A
0M4B	3 5/8"	4 1/4"	N/A
0M6B	6"	6 5/8"	N/A



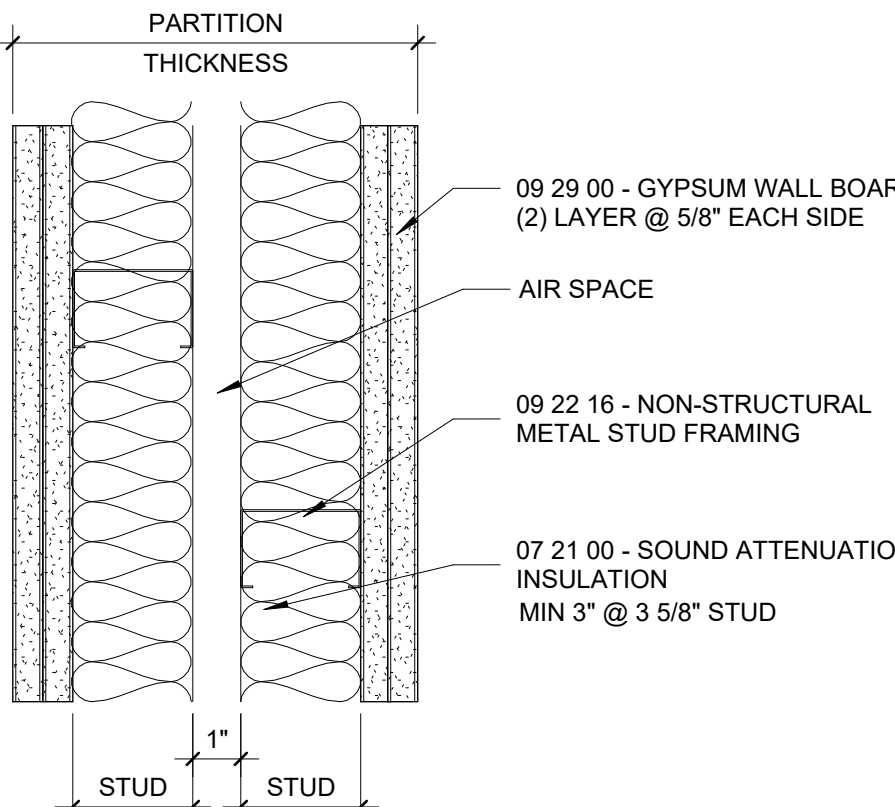
xMxC			
DESCRIPTION	NON-BEARING INTERIOR PARTITION		
RATED ASSEMBLY	UL U419	STC TEST	CK-654-40 (2 1/2" STUDS) USG-5401818 (3 5/8" STUDS)
NOTES	SEE PLANS FOR FIRE PARTITION, FIRE BARRIER OR SMOKE BARRIER LOCATIONS.		

	STUD SIZE	PARTITION THICKNESS	STC
0M3C	2 1/2"	5"	54
xM4C	3 5/8"	6 1/8"	56
xM6C	6"	8 1/2"	56+
xM8C	8"	10 1/2"	56+



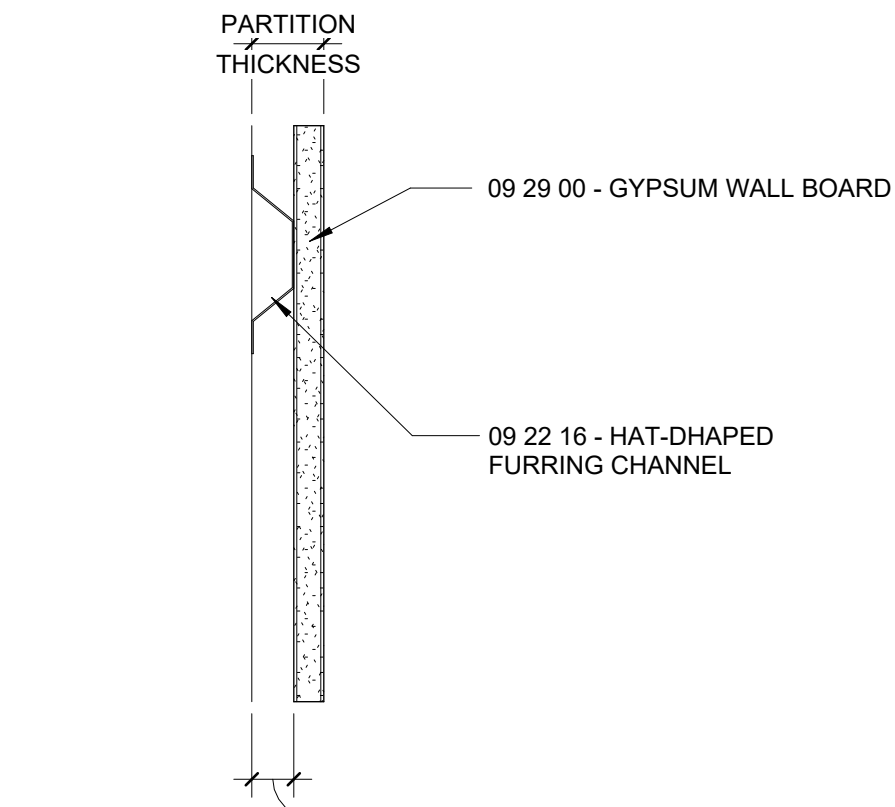
xMxD			
DESCRIPTION	NON-BEARING INTERIOR PARTITION		
RATED ASSEMBLY	UL U419	STC TEST	RAL-TL-83-216 (3 5/8") RAL-TL-84-141 (6")
NOTES	SEE PLANS FOR FIRE PARTITION, FIRE BARRIER OR SMOKE BARRIER LOCATIONS.		

	STUD SIZE	PARTITION THICKNESS	STC
0M3D	2 1/2"	4 1/4"	N/A
xM4D	3 5/8"	5 3/8"	54
xM6D	6"	7 3/4"	56



xMxE			
DESCRIPTION	NON-BEARING INTERIOR PARTITION		
RATED ASSEMBLY	UL U419	STC TEST	NGC 2015104
NOTES	SEE PLANS FOR FIRE PARTITION, FIRE BARRIER OR SMOKE BARRIER LOCATIONS.		

	STUD SIZE	PARTITION THICKNESS	STC
xM3E	2 1/2"	8 1/2"	64
xM4E	3 5/8"	10 3/4"	64
xM6E	6"	15 1/2"	64



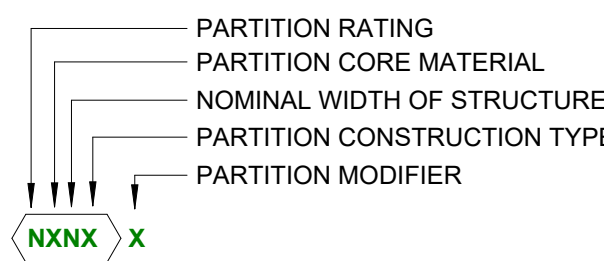
0MxF			
DESCRIPTION	INTERIOR FURRING		
RATED ASSEMBLY	N/A	STC TEST	N/A
NOTES			

	FURRING SIZE	PARTITION THICKNESS	STC
0M1F	7/8"	1 1/2"	NA
0M2F	1 1/2"	2 1/8"	NA

GENERAL NOTES - PARTITIONS

- FIRE- AND SMOKE-RATED PARTITION ASSEMBLIES CONTINUE TO STRUCTURE ABOVE UNLESS NOTED OTHERWISE. OR UNLESS OTHERWISE INDICATED BY THE CORRESPONDING FIRE RATED ASSEMBLY DIAGRAM.
- ALL MATERIALS USED IN RATED ASSEMBLIES SHALL CONFORM TO REFERENCED STANDARDS.
- FIRE SAFE ALL PENETRATIONS THROUGH FIRE RATED WALLS TO THE LEVEL OF PROTECTION REQUIRED BY THE WALL. FIRE SAFE AT PERIMETERS OF RATED WALLS WHERE VOIDS OCCUR, SUCH AS DECK FLUTES PROVIDE ACOUSTICAL SEALANT AROUND ALL PERIMETER EDGES AND PENETRATIONS AT SOUND-INSULATED WALLS TO ACHIEVE STC RATING AS INDICATED. OFFSET ELECTRICAL AND TELEPHONE OUTLETS 10" MIN (SEPARATE STUD CAVITIES).
- PROVIDE MOISTURE- AND MOLD-RESISTANT FIBERGLASS MAT GYPSUM BOARD AT WET WALLS IN TOILET ROOMS THAT RECEIVE CERAMIC TILE, AND ON INTERIOR SIDE OF JANITORS CLOSETS AND MECHANICAL ROOMS.
- CROSS BRACE CHASE PARTITIONS FROM STUD TO STUD AT 4'-0" O.C. VERTICAL MINIMUM AND PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE STEEL STUD GAUGES AND/OR DIAGONAL BRACING AT TOPS OF WALLS PER MANUFACTURER'S RECOMMENDATIONS FOR WALL TYPE, HEIGHT, AND USE BASED ON U240 LIMITING HEIGHTS.
- PROVIDE CONTINUOUS HORIZONTAL BRIDGING FOR WALLS EXTENDING 10'-0" OR GREATER IN HEIGHT FROM FINISH FLOOR.
- PARTITIONS TYPES SHOW GENERAL REQUIREMENTS FOR PARTITIONS. REFER TO SPECIFICATIONS, MANUFACTURER'S PRODUCT TECHNICAL DATA, AND REQUIREMENTS OF APPLICABLE TESTING AGENCIES FOR SPECIFICS OF PARTITION CONSTRUCTION.
- WHERE NEW PARTITION ALIGNS WITH THE FACE OF AN EXISTING FURRED COLUMN OR PARTITION, REMOVE CORNER BEAD, TAPE, SPACKLE AND SAND JOINT BETWEEN NEW AND EXISTING GYPSUM BOARD. PARTITION TYPES CONVEY GENERAL REQUIREMENTS FOR PARTITIONS. REFER TO PRODUCT MANUFACTURER'S SPECIFICATIONS AND REQUIREMENTS OF APPLICABLE TESTING AGENCIES FOR SPECIFICS OF PARTITION CONSTRUCTION WHERE APPLICABLE.

PARTITION TAG KEY



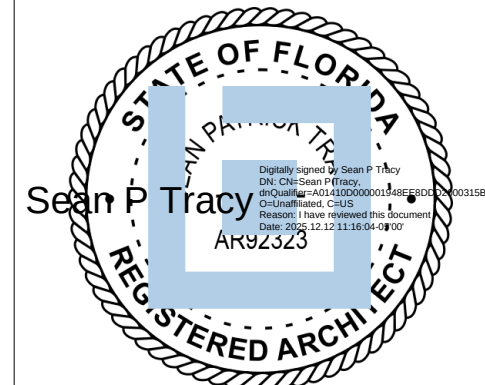
- PARTITION RATING:**
0xxx NON-RATED
5xxx 30-MINUTE RATED
1xxx 1-HOUR RATED
2xxx 2-HOUR RATED
3xxx 3-HOUR RATED
4xxx 4-HOUR RATED
- PARTITION CORE MATERIAL:**
xCxx CONCRETE MASONRY UNIT OR CONCRETE
xMxx METAL STUD
xWxx WOOD
- PARTITION MODIFIER:**
C CEMENT BOARD
G GROUT SOLID
I IMPACT RESISTANT GWB
M MOISTURE RESISTANT GWB
N NO SOUND ATTENUATION REQ'D
P HEIGHT - PARTIAL
(SEE ELEVATION / SECTION)
T HEIGHT - TERMINATE 6" ABOVE CEILING
U TERMINATE AT UNDERSIDE OF FINISHED CEILING
- NOMINAL WIDTH OF STRUCTURE:**
(SEE TYPES, THIS SHEET)
- PARTITION TYPE:**
(SEE TYPES, THIS SHEET)
- PARTITION HEIGHT:**
EXTEND ALL WALLS TO DECK UNLESS NOTED OTHERWISE BY PARTITION MODIFIER

PARTITION STRUCTURE KEY

- NON STRUCTURAL METAL FRAMING**
- xM2x 1-5/8" METAL STUD
 - xM3x 2-1/2" METAL STUD
 - xM4x 3-5/8" METAL STUD
 - xM6x 6" METAL STUD
 - xM8x 8" METAL STUD
- CONCRETE MASONRY UNIT (CMU)**
- xC4x 4" CMU
 - xC6x 6" CMU
 - xC8x 8" CMU
 - xC12x 12" CMU
- WOOD FRAMING**
- xW4x 2X4 WOOD FRAMING
 - xW6x 2X6 WOOD FRAMING
 - xW8x 2X8 WOOD FRAMING

RATED WALL LEGEND

- FIRE WALLS**
- 3-HR FIRE WALL
 - 2-HR FIRE WALL
- FIRE BARRIERS**
- 3-HR FIRE BARRIER
 - 2-HR FIRE BARRIER
 - 1-HR FIRE BARRIER
 - SMOKE BARRIER
- FIRE PARTITIONS**
- 1-HR FIRE PARTITION
 - 5-HR FIRE PARTITION
- SMOKE PARTITION**
- SMOKE PARTITION



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12.03.25

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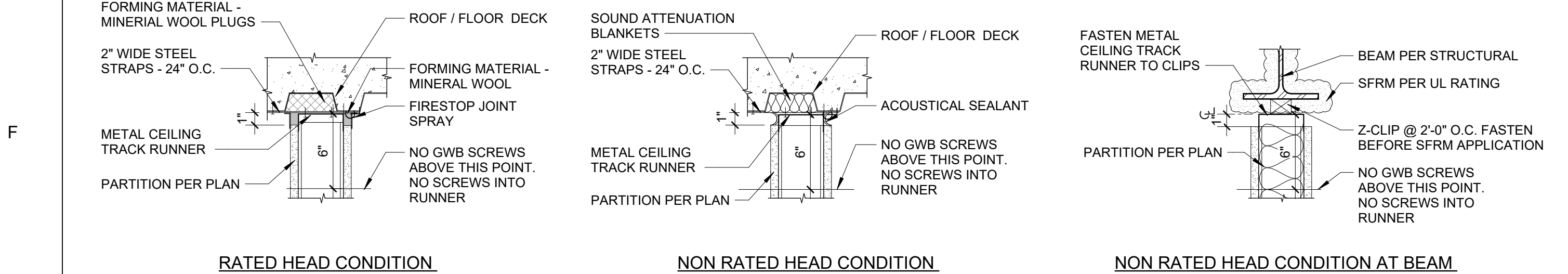
PROJECT TEAM
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Sean Tracy
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Benjamin Boyles
DESIGN TEAM
AC, BB
PROJECT NAME
FPL Columbia Storm Processing Facility Phase 2
1185 NW 25A
LAKE CITY, FL 32055

PROJECT NO.
814.C6328.01

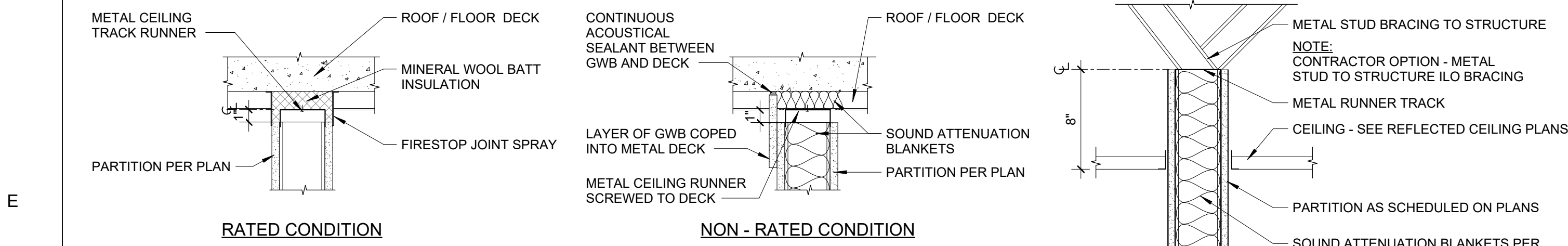
SHEET TITLE
INTERIOR PARTITIONS - TYPES

SHEET NUMBER
F-A010

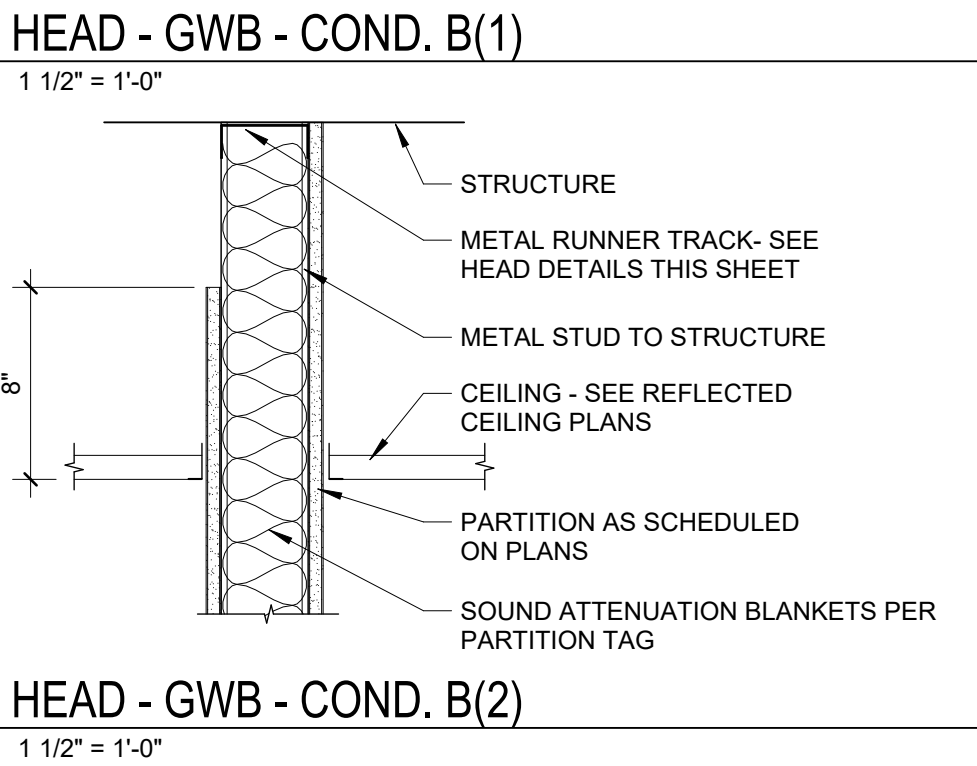
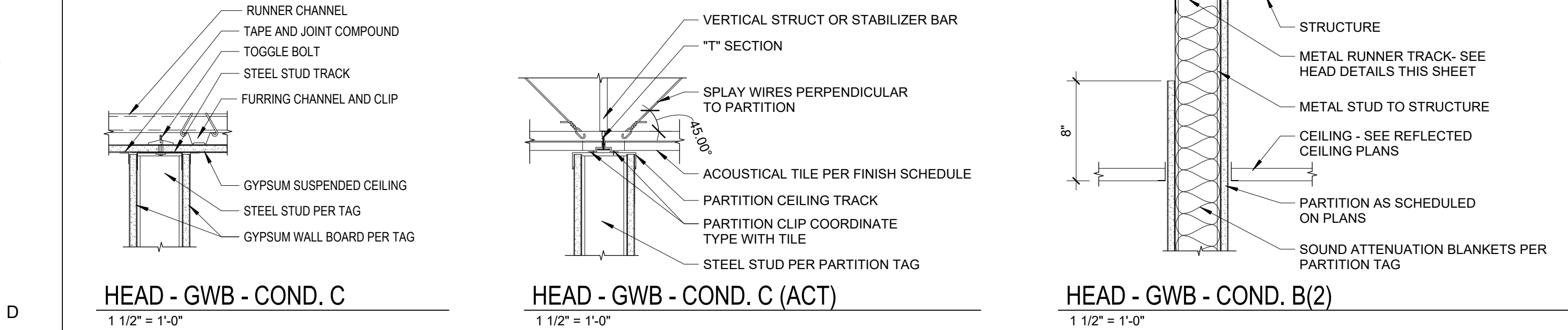
GWB HEAD CONDITIONS



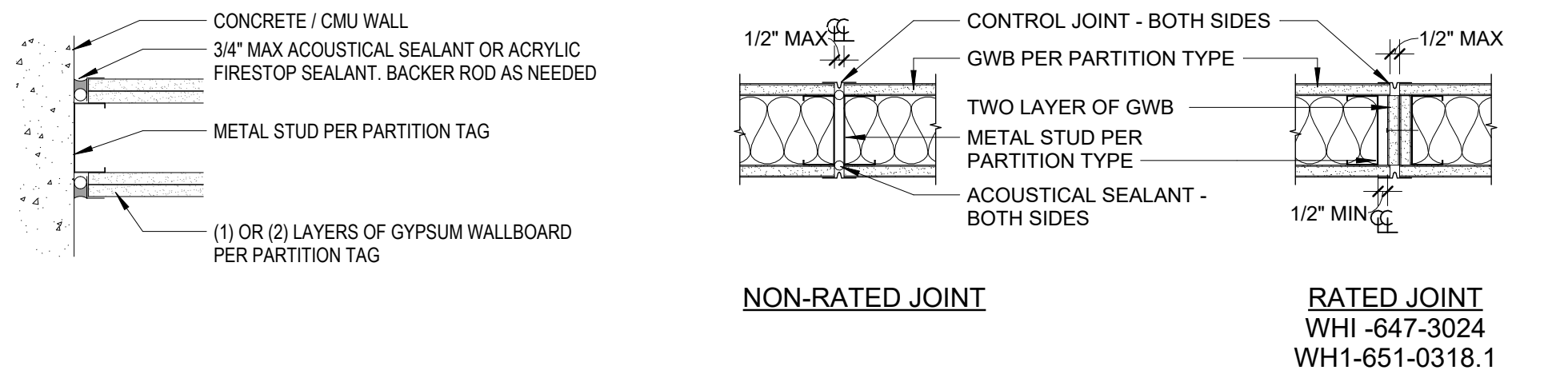
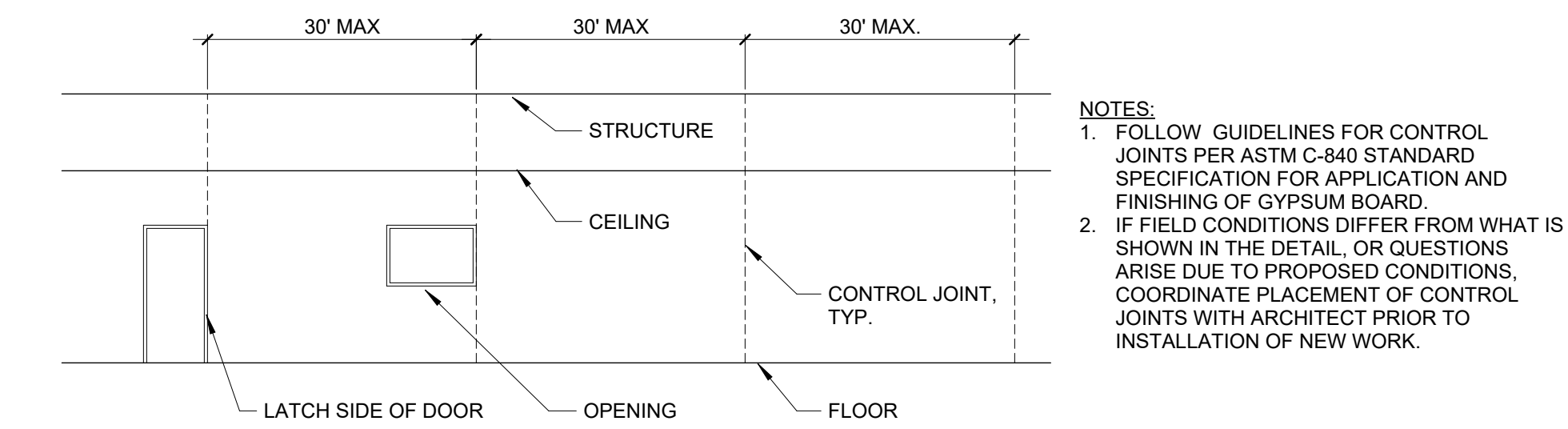
HEAD - GWB - PARALLEL TO DECKING
1 1/2" = 1'-0"



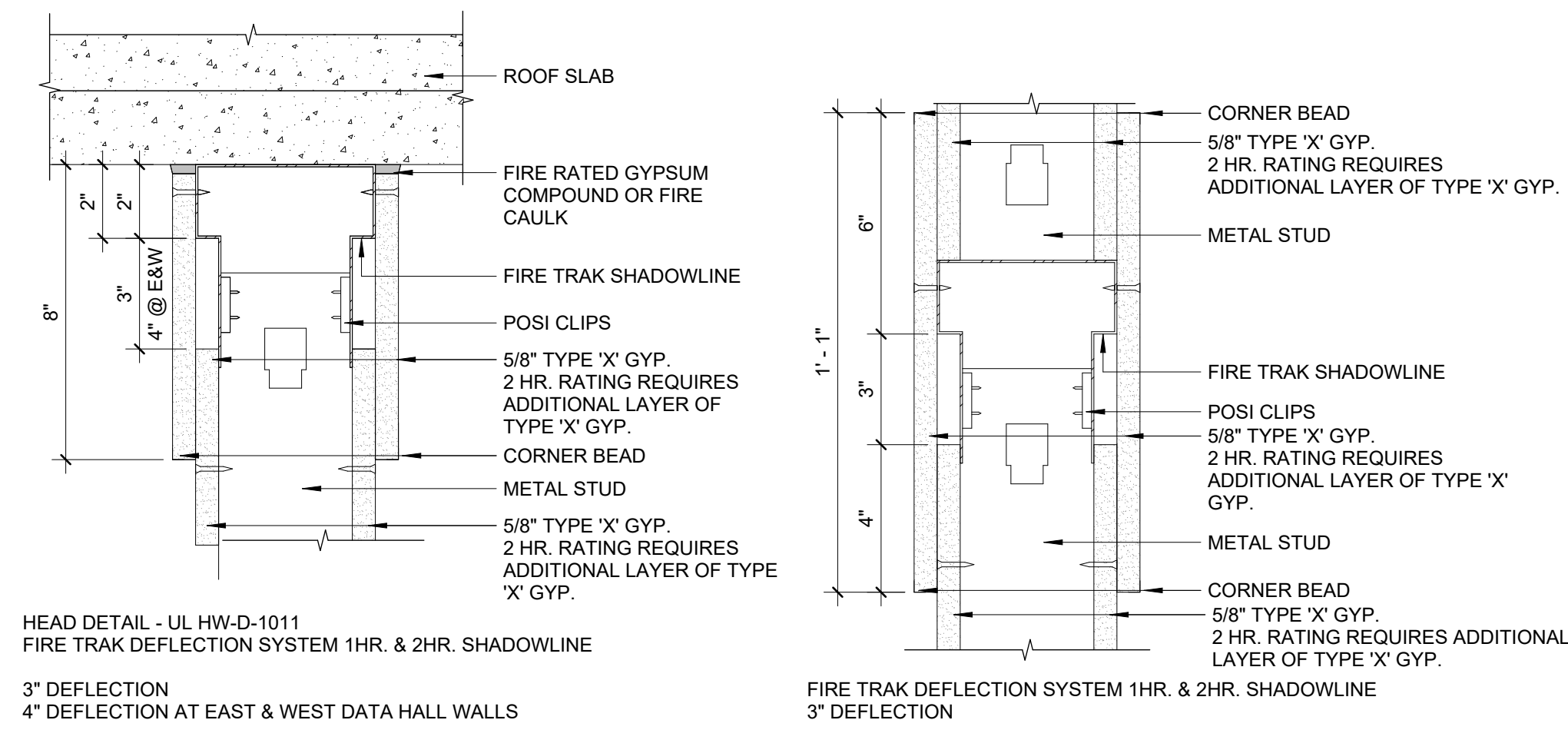
HEAD - GWB - PERPENDICULAR TO DECK - COND. A
1 1/2" = 1'-0"



GWB CONTROL JOINTS



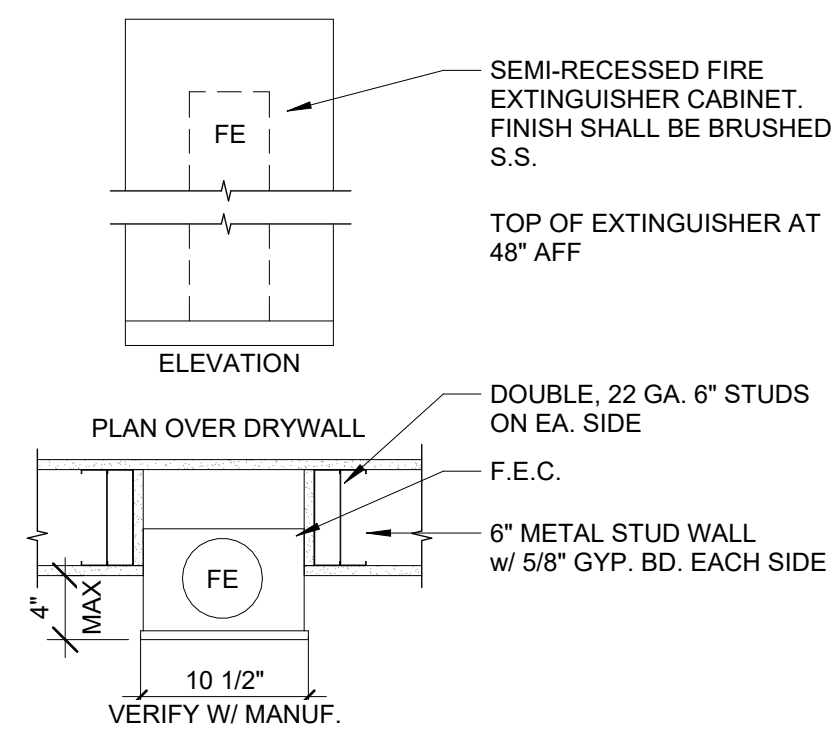
HEAD DETAILS



HEAD OF WALL DETAIL - DEFLECTION TRACK
3" = 1'-0"

HEAD DETAIL - DEFLECTION TRACK
3" = 1'-0"

FIRE EXTINGUISHER CABINET



GENERAL NOTES - PARTITIONS

- FIRE- AND SMOKE-RATED PARTITION ASSEMBLIES CONTINUE TO STRUCTURE ABOVE UNLESS NOTED OTHERWISE, OR UNLESS OTHERWISE INDICATED BY THE CORRESPONDING FIRE RATED ASSEMBLY DIAGRAM.
- ALL MATERIALS USED IN RATED ASSEMBLIES SHALL CONFORM TO REFERENCED STANDARDS.
- FIRE SAFE ALL PENETRATIONS THROUGH FIRE RATED WALLS TO THE LEVEL OF PROTECTION REQUIRED BY THE WALL. FIRE SAFE AT PERIMETERS OF RATED WALLS WHERE VOIDS OCCUR, SUCH AS DECK FLUTES PROVIDE ACOUSTICAL SEALANT AROUND ALL PERIMETER EDGES AND PENETRATIONS AT SOUND-INSULATED WALLS TO ACHIEVE STC RATING AS INDICATED. OFFSET ELECTRICAL AND TELEPHONE OUTLETS 1' MIN (SEPARATE STUD CAVITIES).
- PROVIDE MOISTURE- AND MOLD-RESISTANT FIBERGLASS MAT GYPSUM BOARD AT WET WALLS IN TOILET ROOMS THAT RECEIVE CERAMIC TILE, AND ON INTERIOR SIDE OF JANITORS CLOSETS AND MECHANICAL ROOMS.
- CROSS BRACE CHASE PARTITIONS FROM STUD TO STUD AT 4'-0" O.C. VERTICAL MINIMUM AND PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE STEEL STUD GAUGES AND/OR DIAGONAL BRACING AT TOPS OF WALLS PER MANUFACTURER'S RECOMMENDATIONS FOR WALL TYPE, HEIGHT, AND USE BASED ON L/240 LIMITING HEIGHTS.
- PROVIDE CONTINUOUS HORIZONTAL BRIDGING FOR WALLS EXTENDING 10'-0" OR GREATER IN HEIGHT FROM FINISH FLOOR.
- PARTITIONS TYPES SHOW GENERAL REQUIREMENTS FOR PARTITIONS. REFER TO SPECIFICATIONS, MANUFACTURER'S PRODUCT TECHNICAL DATA, AND REQUIREMENTS OF APPLICABLE TESTING AGENCIES FOR SPECIFICS OF PARTITION CONSTRUCTION.
- WHERE NEW PARTITION ALIGNS WITH THE FACE OF AN EXISTING CURBED COLUMN OR PARTITION, REMOVE CORNER BEAD, TAPE, SPACKLE AND SAND JOINT BETWEEN NEW AND EXISTING GYPSUM BOARD. PARTITION TYPES CONVEY GENERAL REQUIREMENTS FOR PARTITIONS. REFER TO PRODUCT MANUFACTURER'S SPECIFICATIONS AND REQUIREMENTS OF APPLICABLE TESTING AGENCIES FOR SPECIFICS OF PARTITION CONSTRUCTION WHERE APPLICABLE.

RATED WALL LEGEND

FIRE WALLS	FIRE PARTITIONS
3-HR FIRE WALL	1-HR FIRE PARTITION
2-HR FIRE WALL	5-HR FIRE PARTITION
FIRE BARRIERS	SMOKE PARTITION
3-HR FIRE BARRIER	SMOKE PARTITION
2-HR FIRE BARRIER	
1-HR FIRE BARRIER	
SMOKE BARRIER	
SMOKE BARRIER	

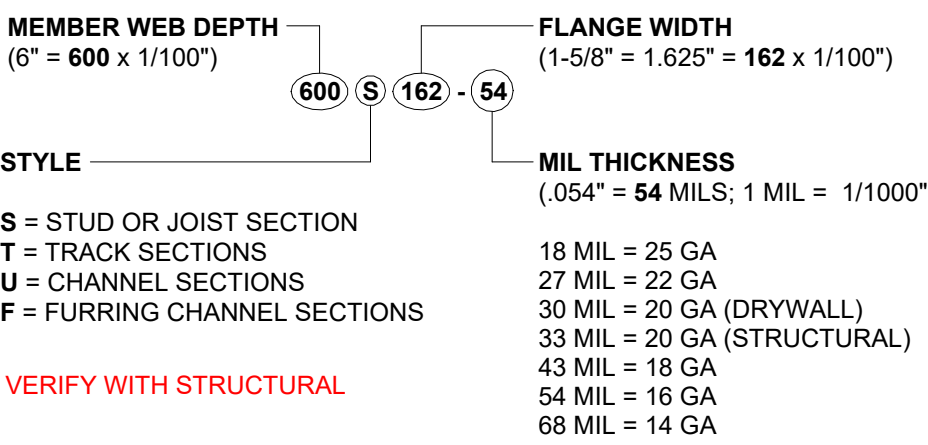
PARTITION STRUCTURE KEY

NON STRUCTURAL METAL FRAMING	CONCRETE MASONRY UNIT (CMU)
xM2x 1-5/8" METAL STUD	xC4x 4" CMU
xM3x 2-1/2" METAL STUD	xC6x 6" CMU
xM4x 3-5/8" METAL STUD	xC8x 8" CMU
xM6x 6" METAL STUD	xC12x 12" CMU
xM8x 8" METAL STUD	
WOOD FRAMING	
xW4x 2X4 WOOD FRAMING	
xW6x 2X6 WOOD FRAMING	
xW8x 2X8 WOOD FRAMING	

LIMITING HEIGHTS - STEEL STUDS

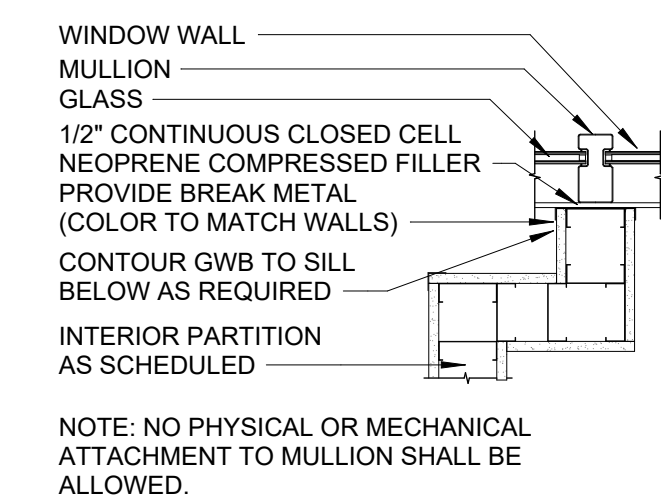
WALL HEIGHT	DEFLECTION LIMIT OF L/240		DEFLECTION LIMIT OF L/360	
	WITHOUT SHELVING	WITH SHELVING	WITHOUT SHELVING	WITH SHELVING
<10'	362S125-18 16" O.C.	362S125-18 16" O.C.	362S125-18 16" O.C.	362S125-18 16" O.C.
<12'	362S125-18 16" O.C.	362S125-33 16" O.C.	362S125-18 16" O.C.	362S125-33 16" O.C.
<14'	362S125-18 16" O.C.	362S125-33 16" O.C.	362S125-33 16" O.C.	362S125-33 16" O.C.
<16'	362S125-33 16" O.C.	362S125-33 16" O.C.	362S125-54 16" O.C.	362S125-54 16" O.C.
<18'	362S125-43 16" O.C.	362S125-43 16" O.C.	600S125-33 16" O.C.	600S125-33 16" O.C.
<20'	362S125-68 16" O.C.	362S125-68 16" O.C.	600S125-33 16" O.C.	600S125-33 16" O.C.

- NOTES:**
- DESIGN LATERAL LOAD OF 5 PSF, AND NO VERTICAL LOAD (NON-LOAD-BEARING).
 - DEFLECTION LIMIT OF L/360 SHALL BE USED FOR BRITTLE WALL FINISHES, SUCH AS TILE, TERRAZO, AND PLASTER. DEFLECTION LIMIT OF L/240 MAY BE USED FOR ALL OTHER CONDITIONS.
 - "WITH SHELVING" DESIGN FOR 16" SHELVING UNIT. LOAD OF 73 POUNDS PER LINEAR FOOT INCLUDING CONTENTS, CENTERED 8" FROM FACE OF WALL, FOR ONE ROW OF SHELVING ROUGHLY 4' A.F.F.

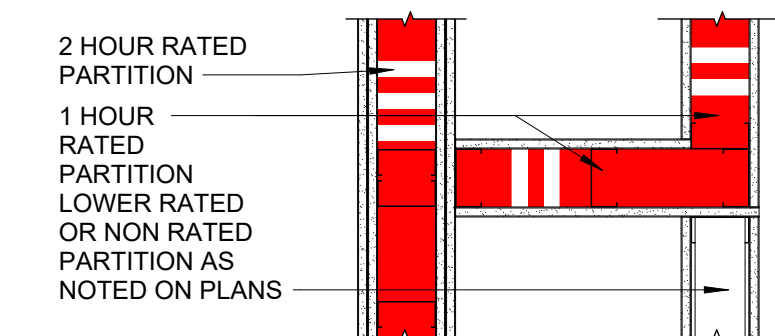


PARTITION HIERARCHY

PARTITION TO MULLION



RATING HIERARCHY



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PROJECT MANAGER
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1185 NW 25A
LAKE CITY, FL 32055

PROJECT NO.
814.C6328.01

SHEET TITLE
INTERIOR PARTITIONS - DETAILS

SHEET NUMBER
F-A011

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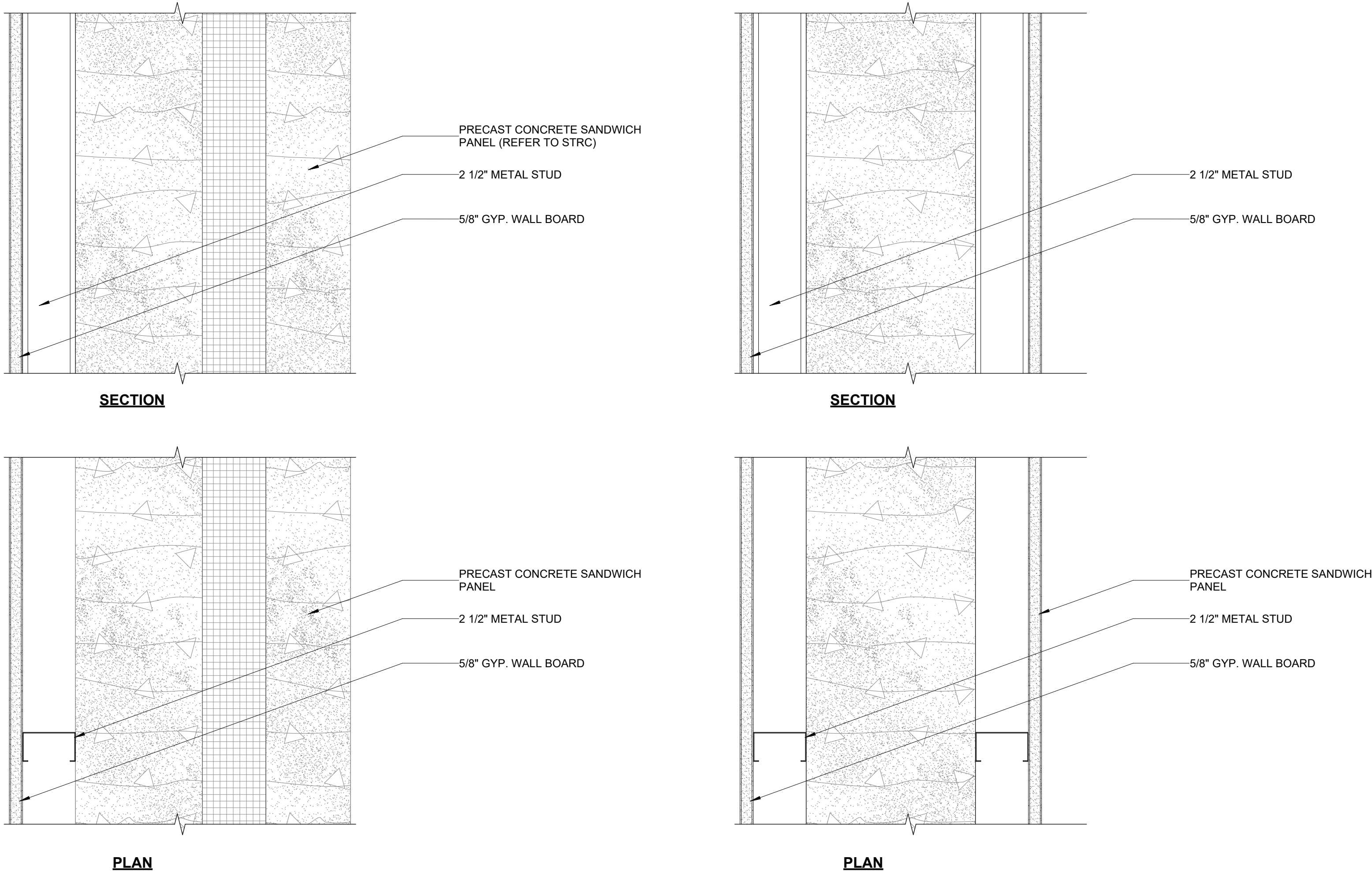
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D

C

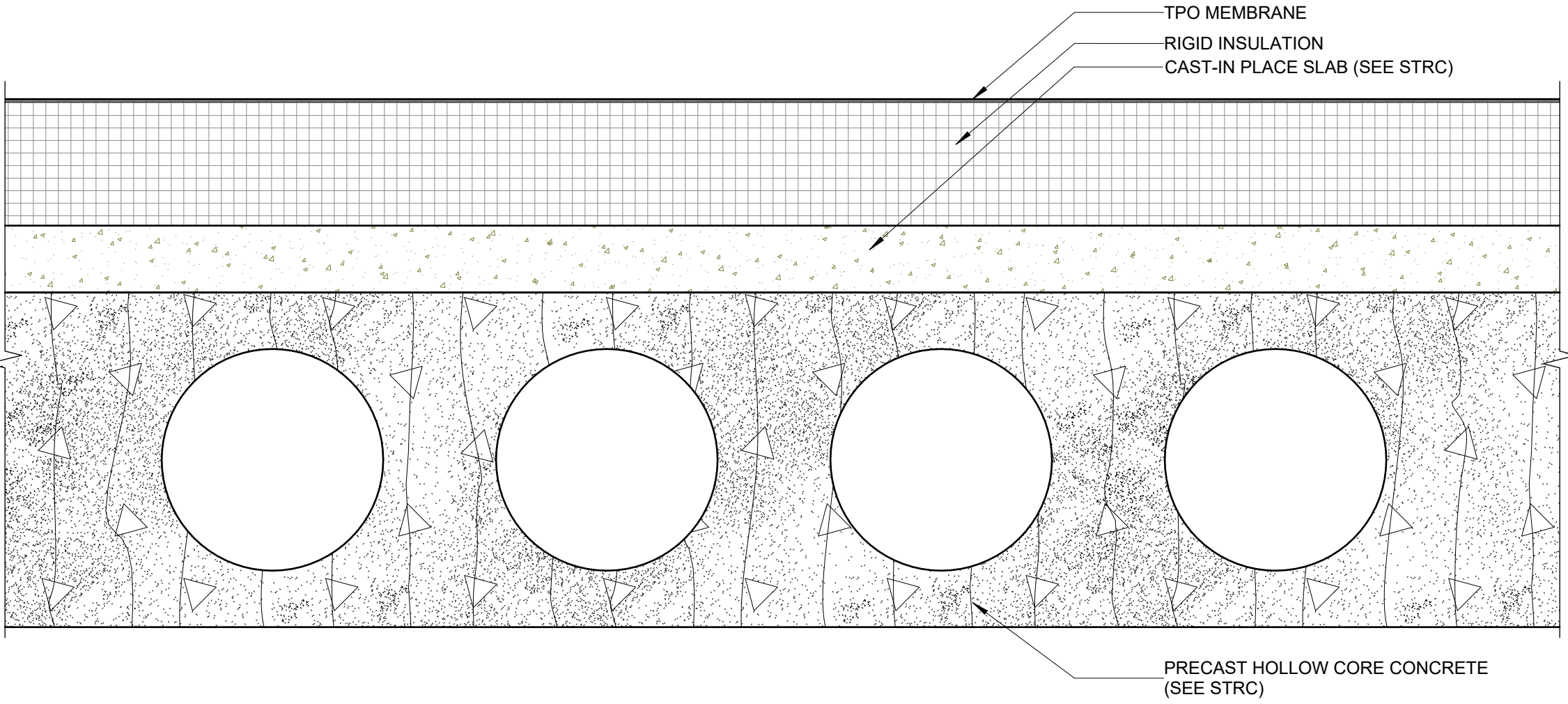
B

A



1A	
Description of Assembly	PRECAST SANDWICH PANEL (STRUCTURAL WYTHE, INSULATION, ARCHITECTURAL WYTHE) WITH FURRING ASSEMBLY
U-Value of Assembly	--
R-Value of Insulation	MIN. 5.7 CI

1B	
Description of Assembly	PRECAST PANEL WITH FURRING ASSEMBLIES
U-Value of Assembly	--
R-Value of Insulation	MIN. 5.7 CI



2A	
Description of Assembly	PRECAST HOLLOWCORE CONCRETE WITH 2" CAST-IN PLACE CONCRETE SLAB, POLYISO RIGID INSULATION, AND TPO MEMBRANE
U-Value of Assembly	--
R-Value of Insulation	MIN. 25 CI

FLORIDA PRODUCT APPROVALS						
FPA NUMBER	COMPONENT	RATING	MFR.	MODEL / SERIES NO.	DATE APPROVED	EXPIRATION DATE
DOORS						
10356.1	FLUSH DOUBLE DOOR	WIND / STATIC PRESSURE	STEELCRAFT (ALLLEGION-SCHLAGE)	-	2/11/2025	12/31/2026
10356.4	FLUSH DOUBLE DOOR WITH GLAZING	WIND / STATIC PRESSURE	STEELCRAFT (ALLLEGION-SCHLAGE)	-	2/11/2025	12/31/2026
10356.2	FLUSH SINGLE DOOR	WIND / STATIC PRESSURE	STEELCRAFT (ALLLEGION-SCHLAGE)	-	2/11/2025	12/31/202
10356.3	FLUSH SINGLE DOOR WITH GLAZING	WIND / STATIC PRESSURE	STEELCRAFT (ALLLEGION-SCHLAGE)	-	2/11/2025	12/31/202
18375-R4	ROLL-UP DOOR	WIND / IMPACT	THE COOKSON COMPANY	ESD20	6/26/2024	4/24/2028
GLAZING						
12926.2	STOREFRONT SYSTEMS	WIND	YKK AP AMERICA	YES 45 F1	10/14/2025	12/31/2026
ROOF						
151101.1	ROOF HATCH	WIND / IMPACT INFILTRATION / STATIC PRESSURE	BILCO CO.	TYPE S-20	2/4/2025	-
16758.3	TPO	WIND	JOHNS MANVILLE	JM TPO - 60 MIL	-	1/21/2028

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STATE OF FLORIDA

SEAN P. TRACY

REGISTERED ARCHITECT

12.03.25

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Benjamin Boyles

DESIGN TEAM

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PROJECT NAME

FPL Columbia Storm Processing Facility Phase 2
1185 NW 25A
LAKE CITY, FL 32055

PROJECT NO.

814.C6328.01

SHEET TITLE

EXTERIOR SYSTEMS

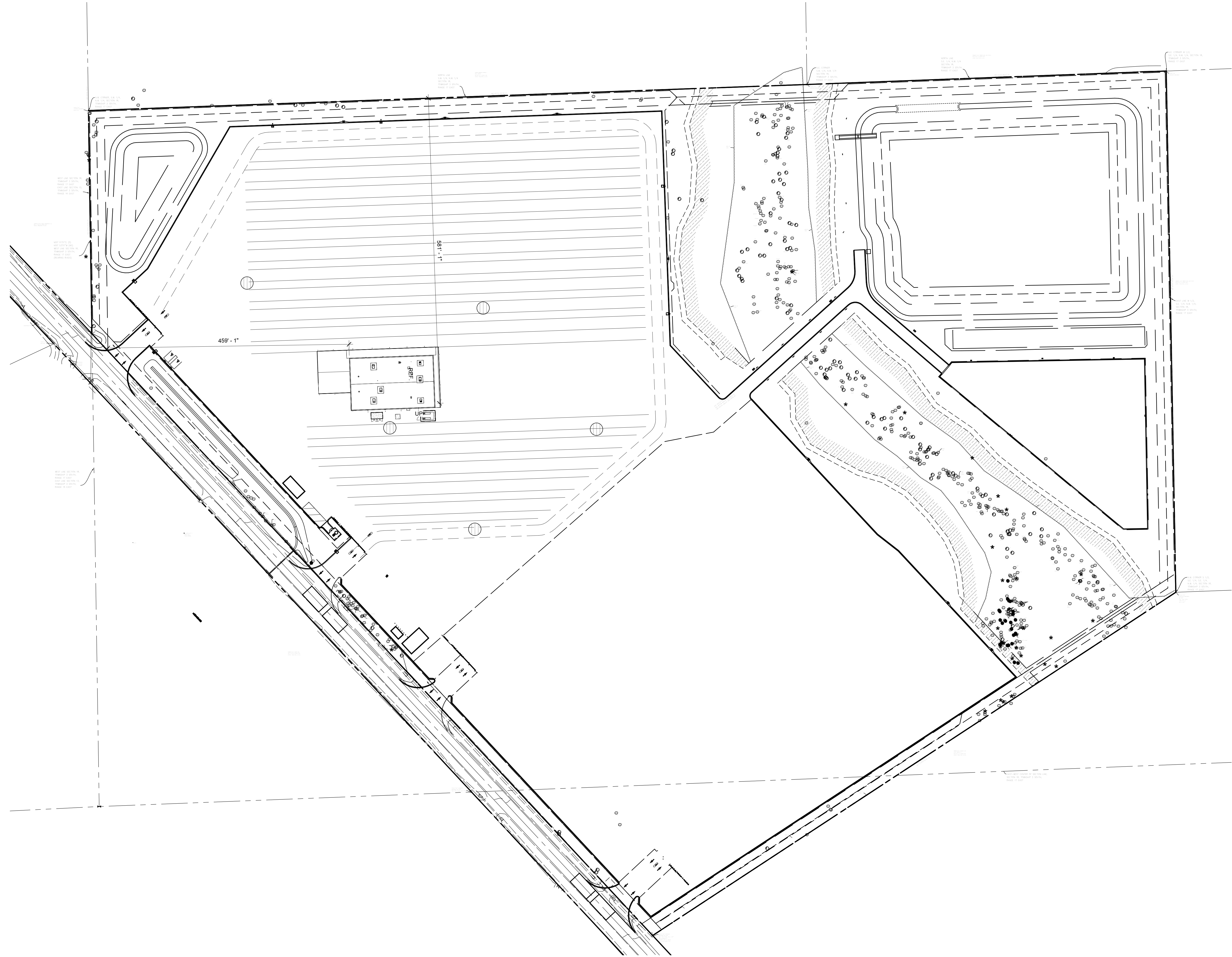
SHEET NUMBER

F-A020

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E
D
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A



1A SITE PLAN
F-A101 1" = 80'-0"

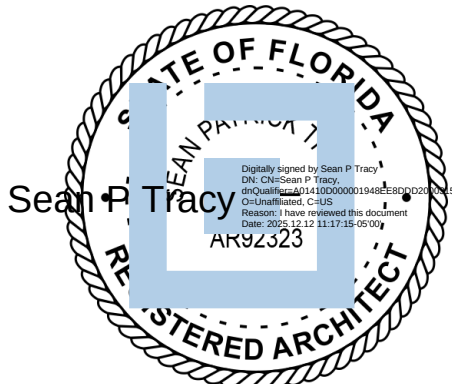
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LAKE CITY, FL 32055

PROJECT NO.
814.C6328.01

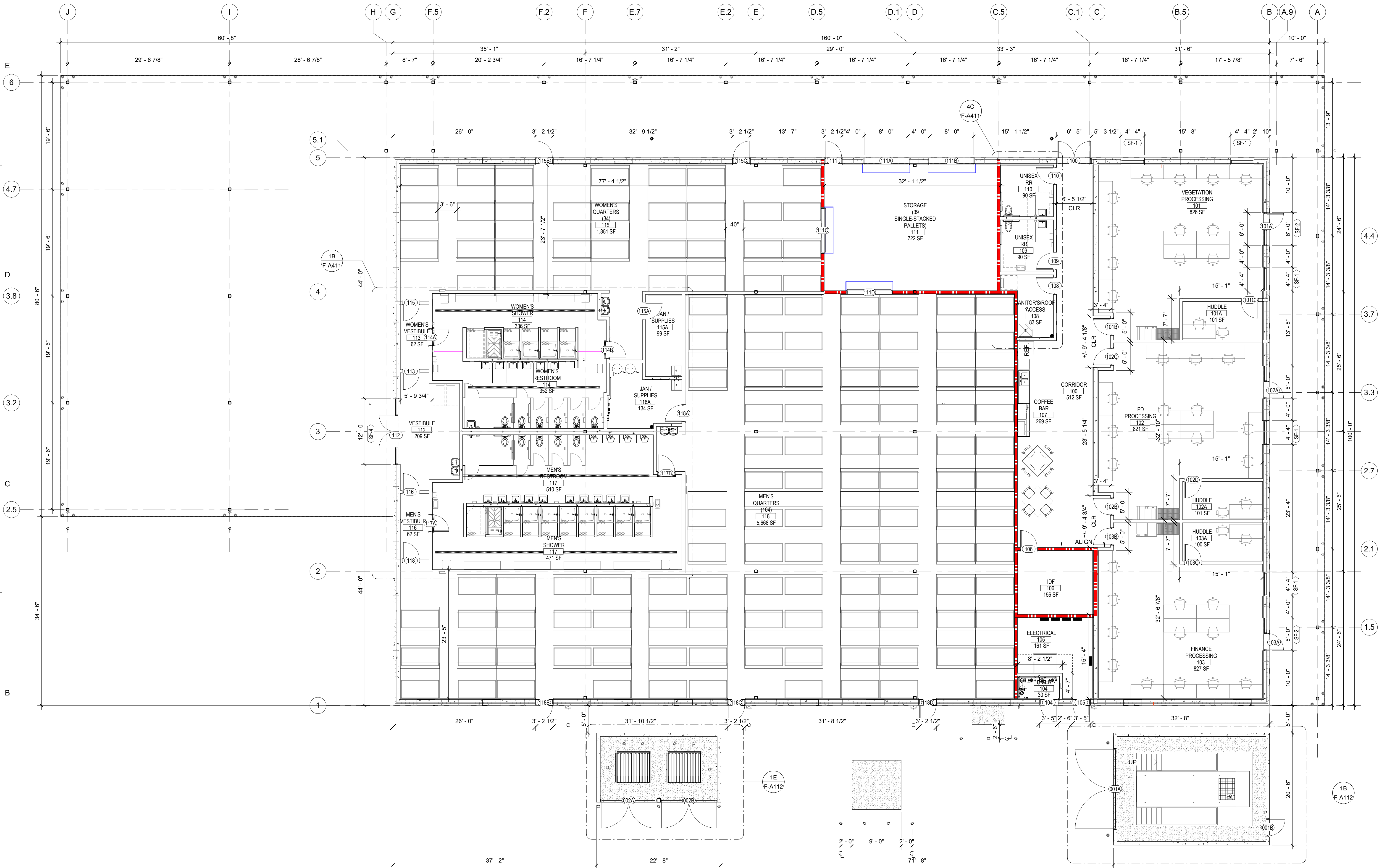
SHEET TITLE
ARCHITECTURAL SITE PLAN

SHEET NUMBER
F-A101

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1A FLOOR PLAN - LEVEL 01
F-A111 1/8" = 1'-0"



SHEET KEYED NOTES

- 01 REFER TO SHEET F-A842 FOR CEILING-BRACED TOILET PARTITION DETAILS
02 PROVIDE (2) ROBE HOOKS PER STALL, MOUNTED ON PLAN WEST WALL, 48" AFF MAX.

SHEET GENERAL NOTES

- A. PROVIDE CONTROL JOINTS ON GYPSUM BOARD ASSEMBLIES PER SPECIFICATIONS AND WHERE SHOWN.
B. EXTEND WALLS TO DECK ABOVE STOREFRONT SYSTEMS AND GLASS WALL PARTITIONS.
C. PARTITIONS AT BUILDING PERIMETER SHALL BE CENTERED ON CENTER LINE OF COLUMN OR WINDOW MULLION, UNLESS OTHERWISE NOTED.
D. ALIGN FINISHES ON EXPOSED SIDE OF PARTITION AND FURR CONCEALED SIDE OF PARTITION AS REQUIRED TO PROVIDE FLUSH INSTALLATION WHERE ADJACENT PARTITION TYPES DIFFER IN OVERALL THICKNESS.
E. PROVIDE TOOLED SEALANT JOINT AT DISIMILAR MATERIALS, SUCH AS MILLWORK DOOR FRAME AT A WALL.
F. ALL PIPING, CONDUITS, AND RELATED MEP ITEMS SHALL BE CONCEALED WITHIN DRYWALL FURRING AS REQ'D IN FINISHED AREAS WHETHER SHOWN ON DRAWINGS OR NOT, UNO.

RATED PARTITION LEGEND

FIRE WALLS

- 3-HR FIRE WALL
2-HR FIRE WALL
1-HR FIRE WALL

FIRE BARRIERS

- 3-HR FIRE BARRIER
2-HR FIRE BARRIER
1-HR FIRE BARRIER

SMOKE BARRIER

- SMOKE BARRIER

FIRE PARTITIONS

- 1-HR FIRE PARTITION
.5-HR FIRE PARTITION

SMOKE PARTITION

- SMOKE PARTITION

KEY PLAN

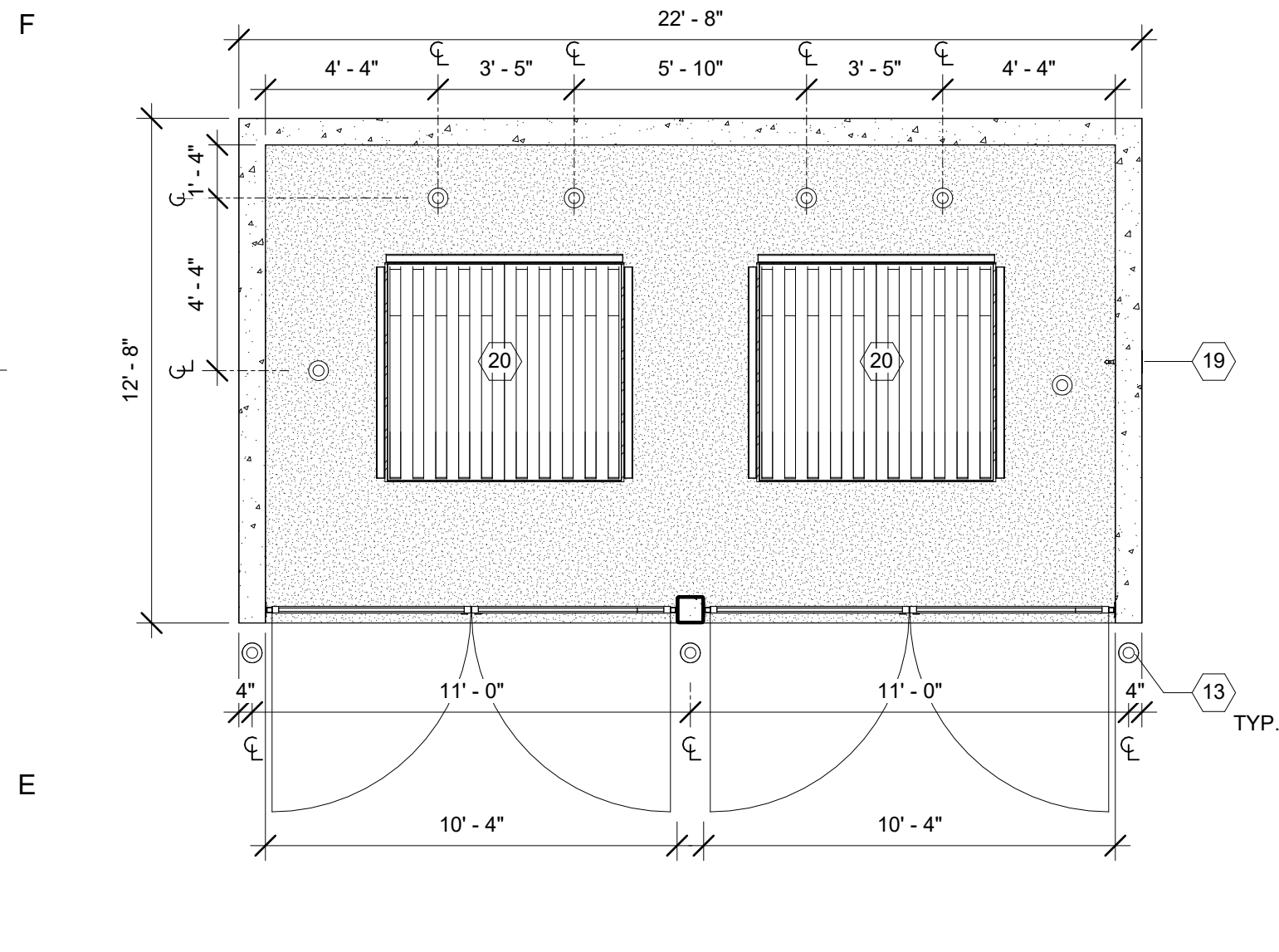


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FPL Columbia Storm Processing Facility Phase 2
1185 NW 25A
LAKE CITY, FL 32055
PROJECT NO.
814.C6328.01
SHEET TITLE
FLOOR PLAN - LEVEL 01
SHEET NUMBER
F-A111

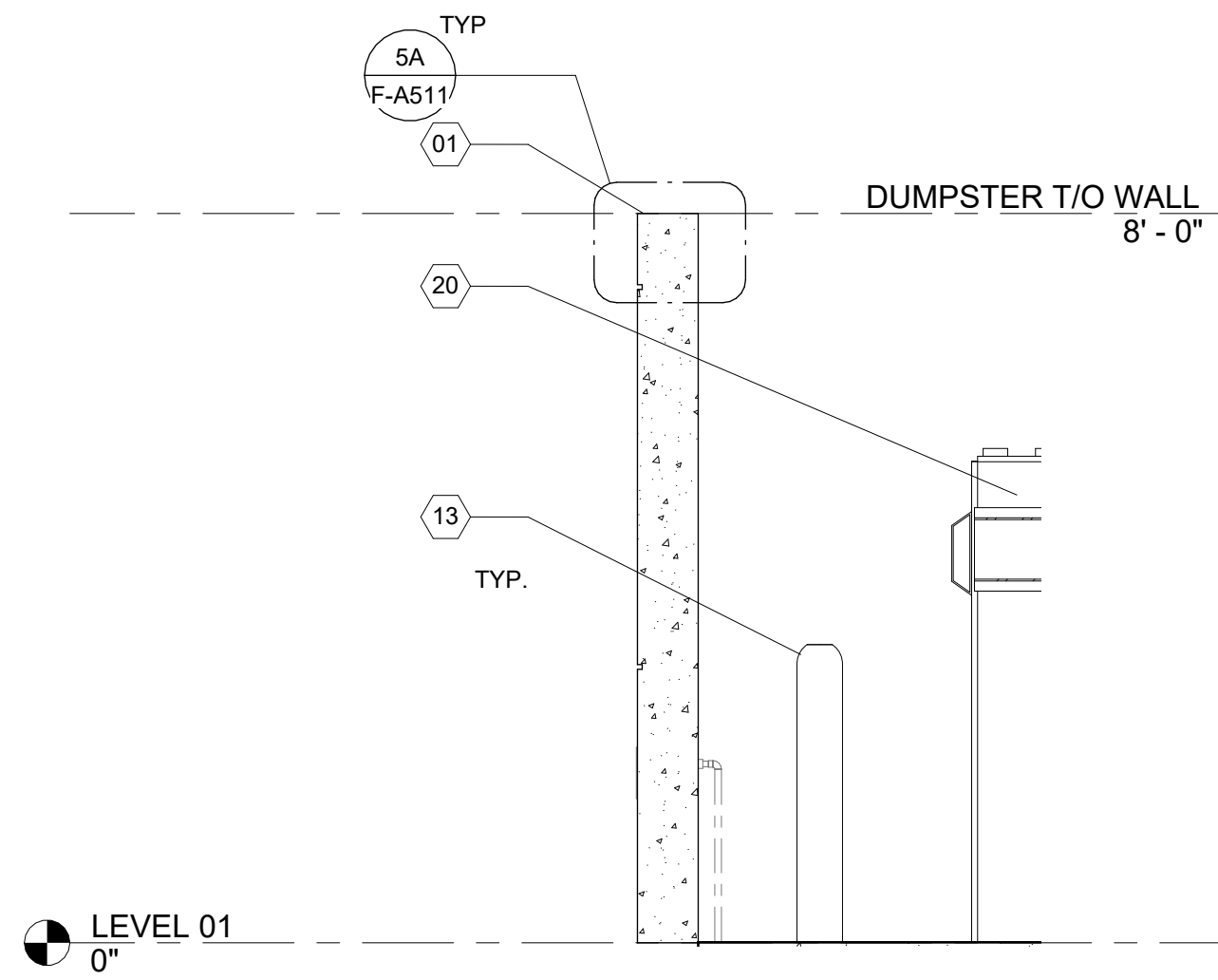
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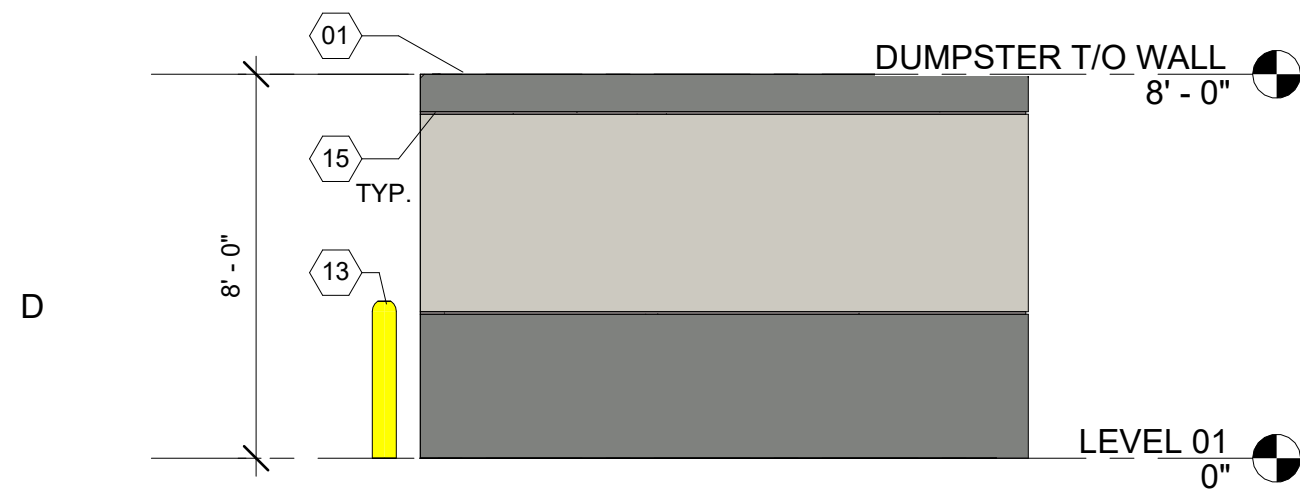
1E ENLARGED PLAN - DUMPSTER ENCLOSURE

F-A112 1/4" = 1'-0"



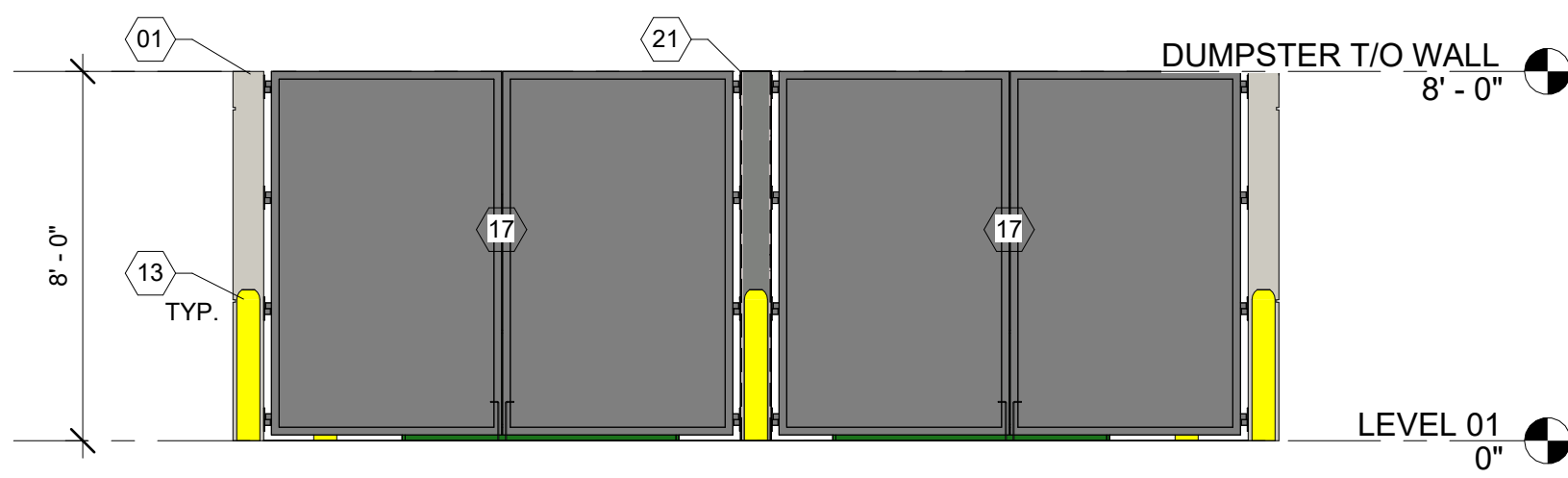
4E WALL SECTION - DUMPSTER ENCLOSURE

F-A112 1/2" = 1'-0"



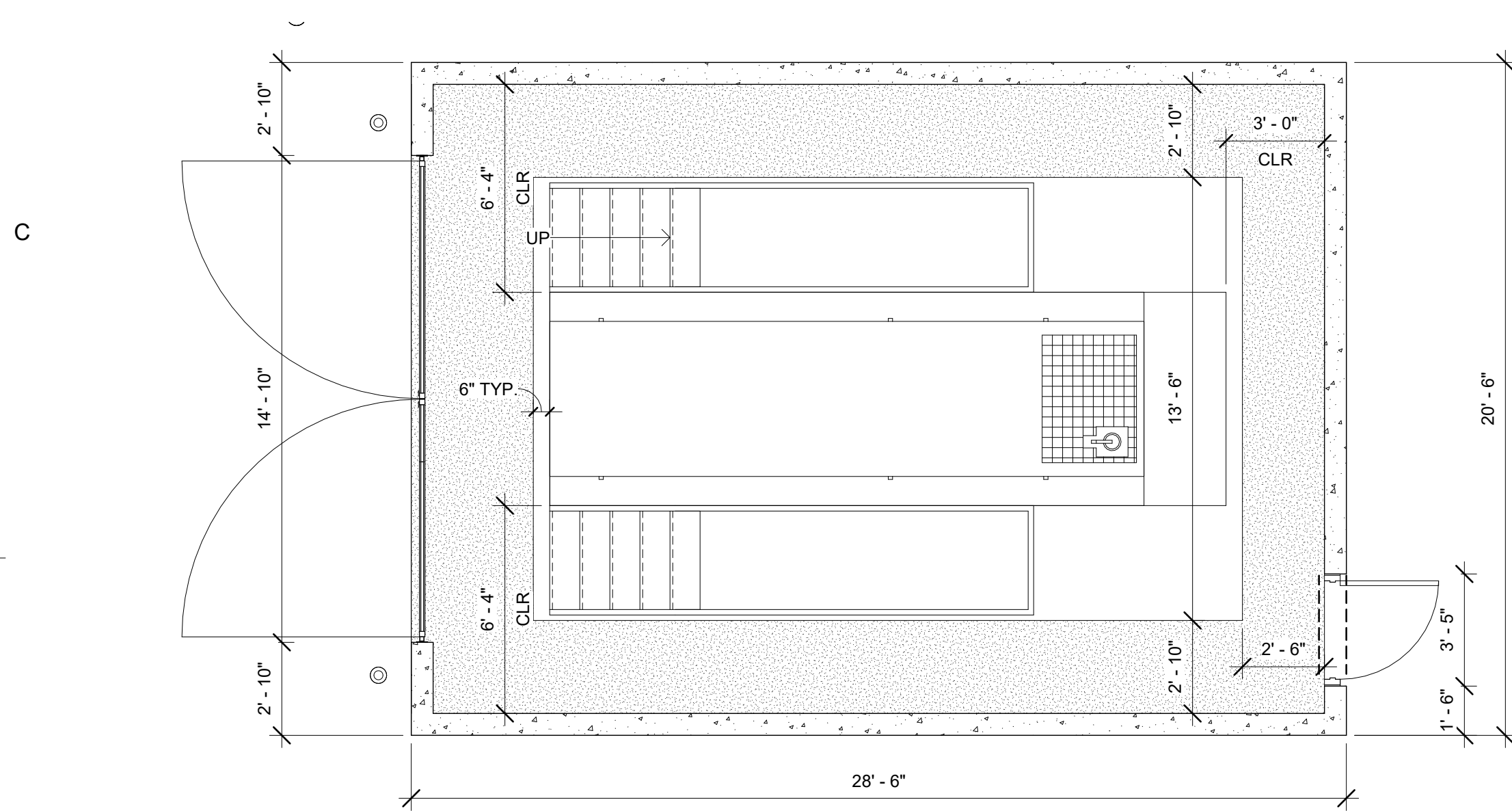
1D DUMPSTER ENCLOSURE - EAST ELEVATION

F-A112 1/4" = 1'-0"



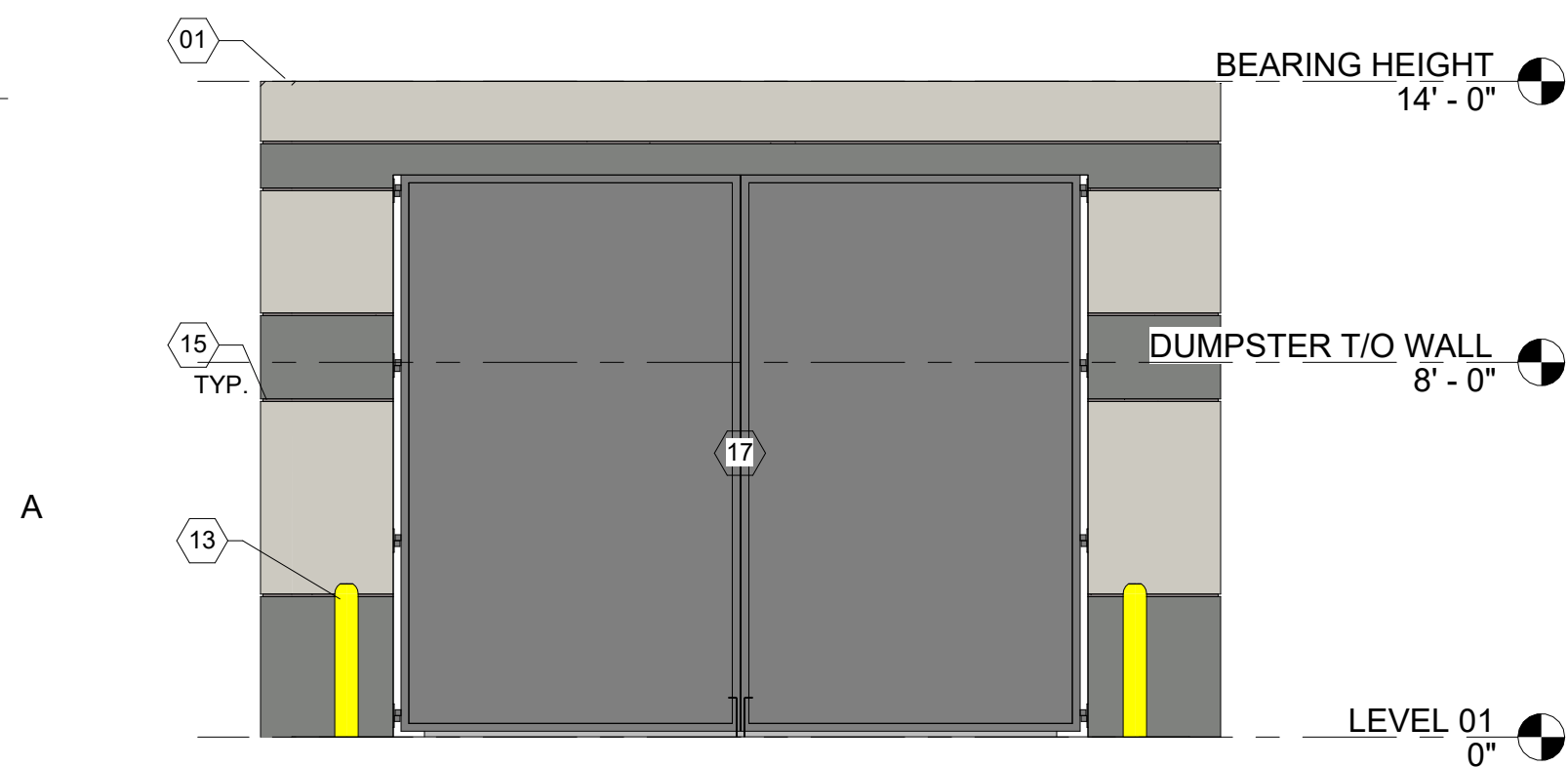
2D DUMPSTER ENCLOSURE - SOUTH ELEVATION

F-A112 1/4" = 1'-0"



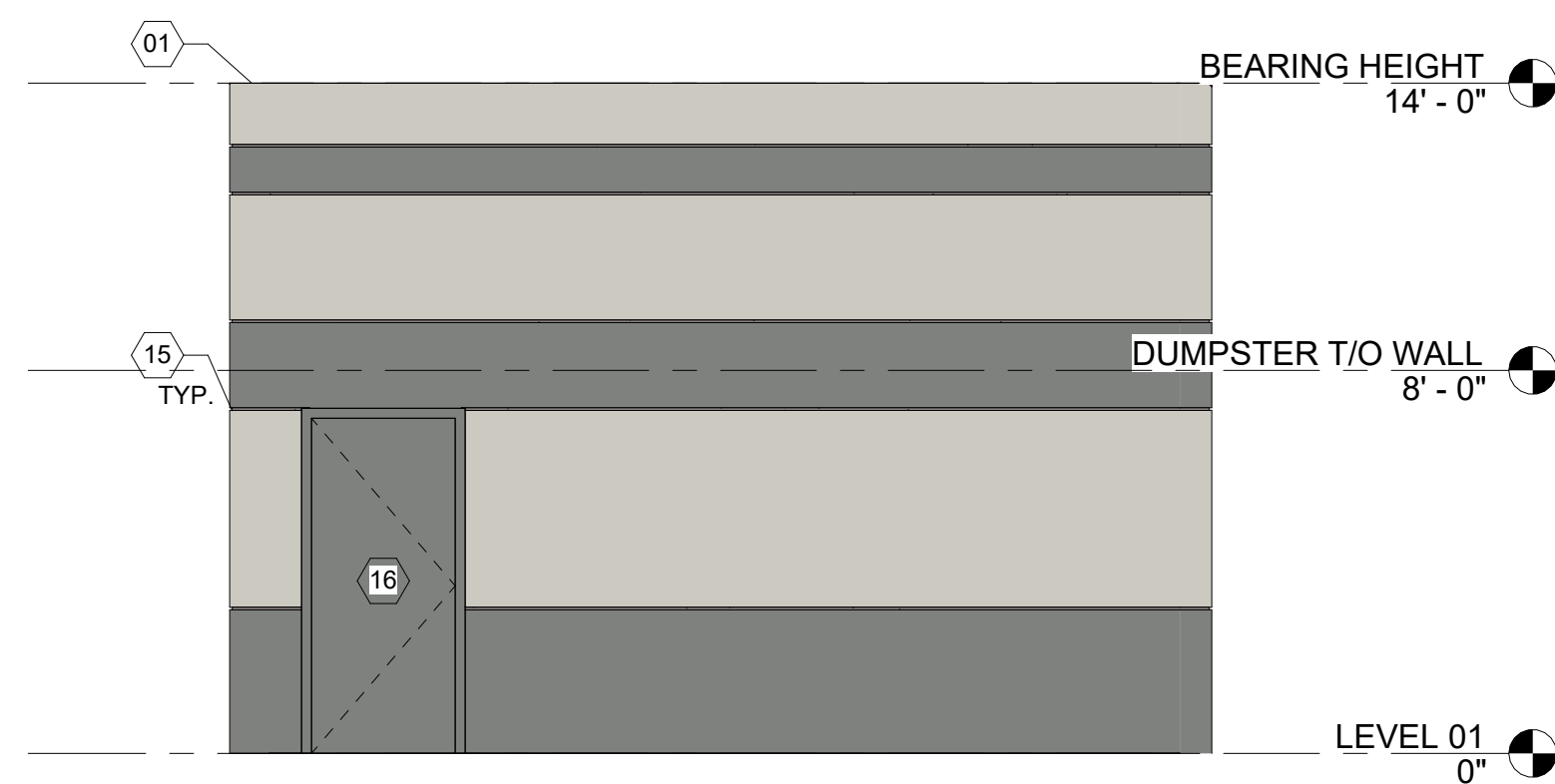
1B ENLARGED PLAN - GENERATOR ENCLOSURE

F-A112 1/4" = 1'-0"



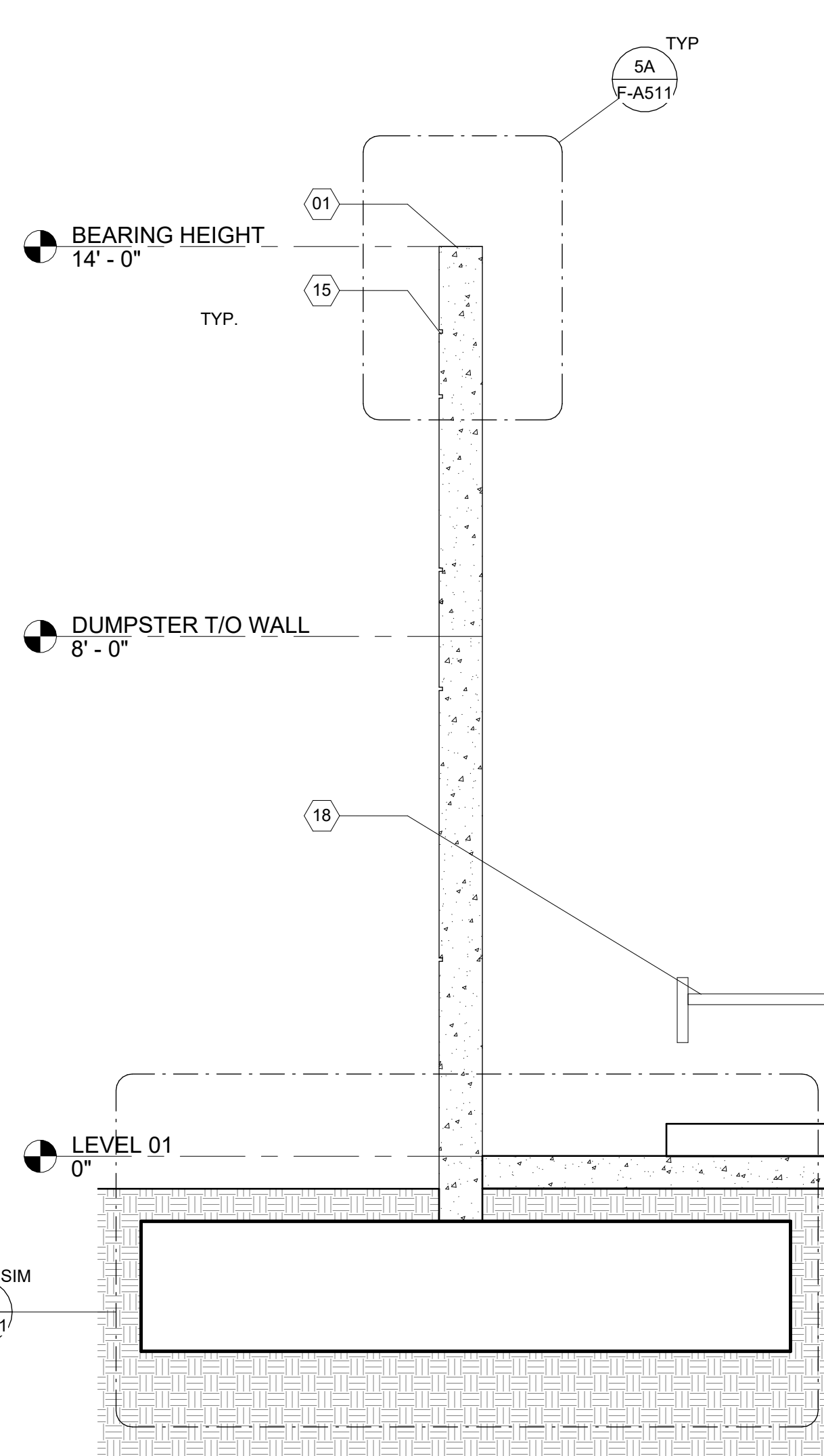
1A GENERATOR ENCLOSURE - WEST ELEVATION

F-A112 1/4" = 1'-0"



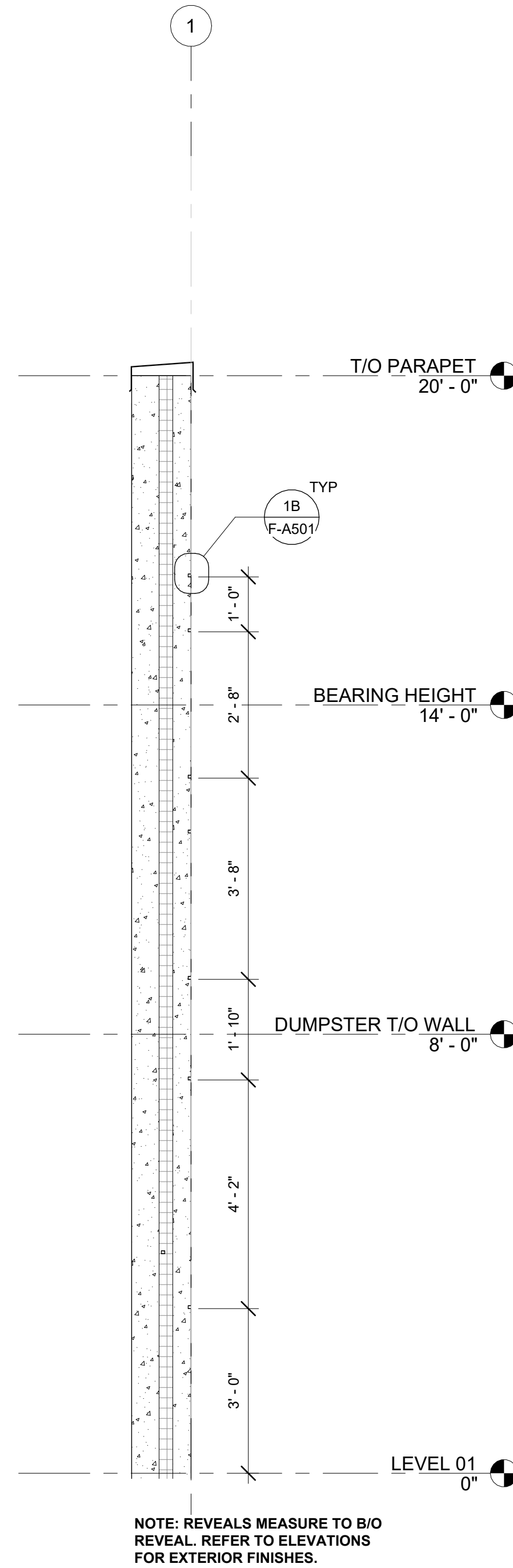
2A GENERATOR ENCLOSURE - EAST ELEVATION

F-A112 1/4" = 1'-0"



4B WALL SECTION - GENERATOR ENCLOSURE

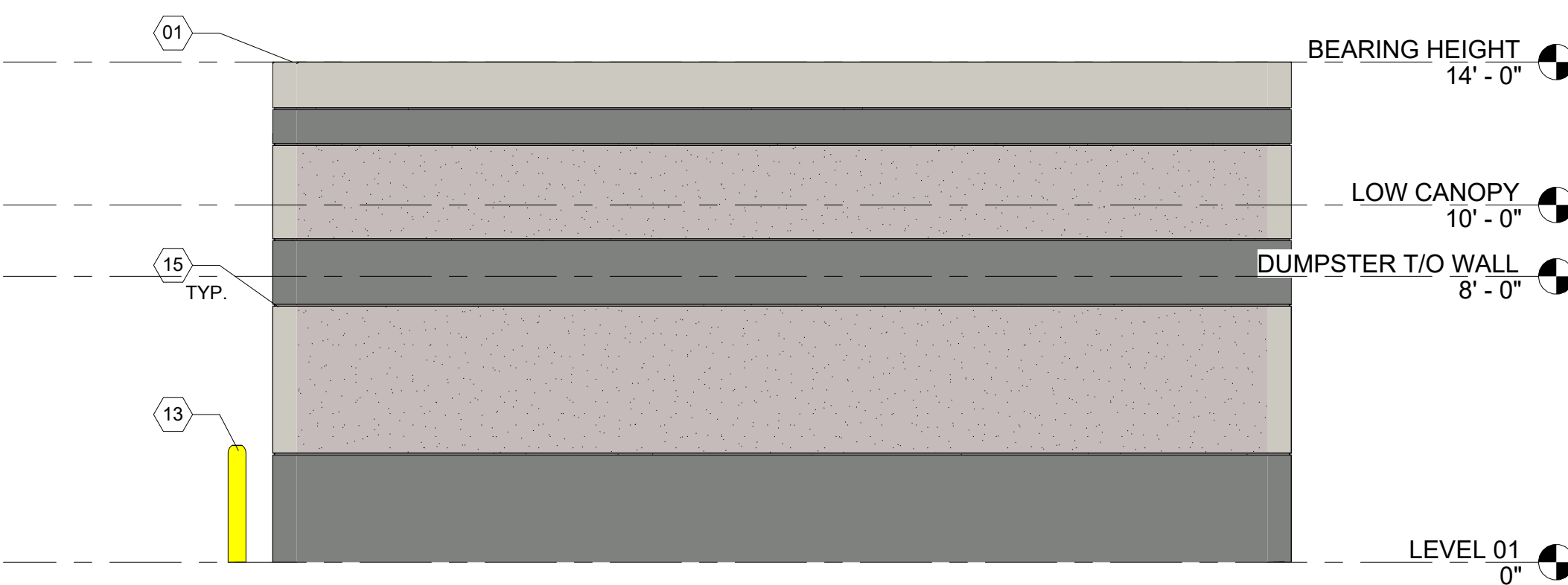
F-A112 1/2" = 1'-0"



NOTE: REVEALS MEASURE TO B/O
REVEAL REFER TO ELEVATIONS
FOR EXTERIOR FINISHES.

5B TYPICAL REVEAL WALL SECTION

F-A112 1/2" = 1'-0"



4A GENERATOR ENCLOSURE - SOUTH ELEVATION

F-A112 1/4" = 1'-0"

SHEET KEYED NOTES

- 01 ALUMINUM COPING
- 13 6" BOLLARD, PAINTED SAFETY YELLOW
- 15 REVEAL. REFER TO TYPICAL REVEAL WALL SECTION
- 16 HM DOOR AS SCHEDULED.
- 17 LOUVERED GATE
- 18 PREFABRICATED GENERATOR LANDING
- 19 HOSE BIB. SEE PLUMB.
- 20 DUMPSTER
- 21 STEEL COLUMN. SEE STRC

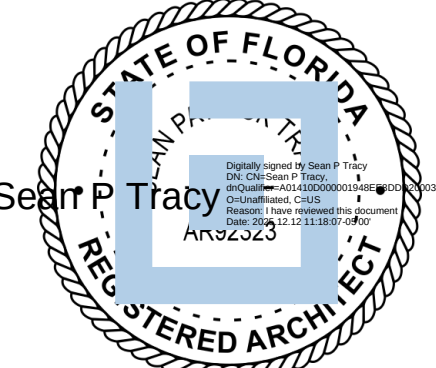
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AC, BB

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PROJECT NO.
814.C6328.01

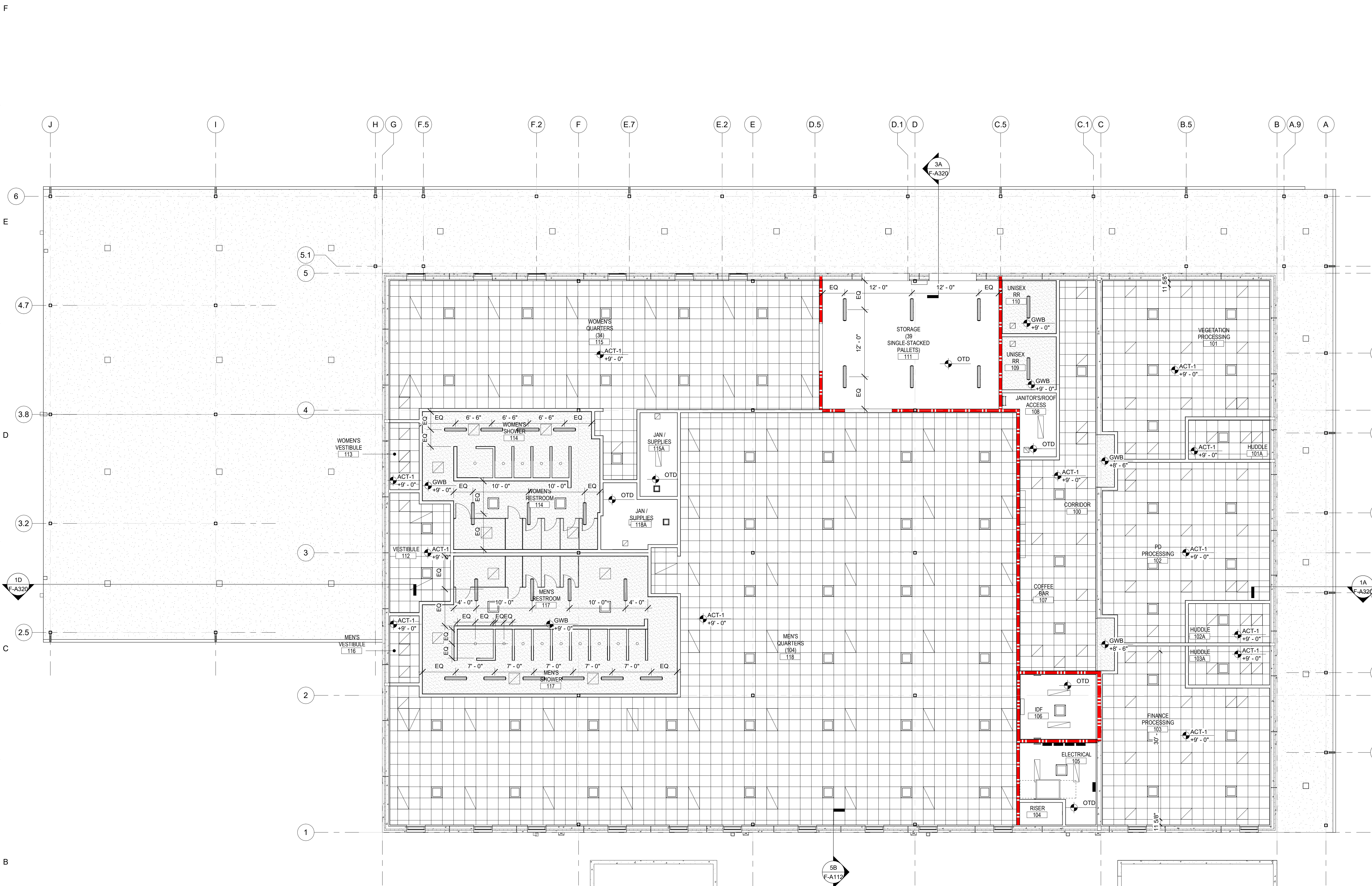
SHEET TITLE
ENLARGED PLANS,
ELEVATIONS, AND
SECTIONS ENCLOSURES

SHEET NUMBER
F-A112

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1A REFLECTED CEILING PLAN - LEVEL 01
F-A121 1/8" = 1'-0"



SHEET GENERAL NOTES

- COORDINATE CEILING, SOFFIT AND BULKHEAD INSTALLATIONS WITH OTHER ELEMENTS OF WORK.
- CEILING HEIGHTS ARE GIVEN FROM FINISHED FLOOR ELEVATION. ANY CONFLICT/DISCREPANCY SHALL BE REPORTED TO ARCHITECT.
- CENTER SUSPENDED CEILING GRIDS IN ROOMS. UNO LOCATE GRIDS AS INDICATED ON THIS PLAN. CEILING GRIDS TO BE LOCATED TO AVOID CUT TILES LESS THAN 6".
- LOCATE MECHANICAL, ELECTRICAL, AND SPRINKLER DEVICES AS INDICATED. CEILING PLAN SHALL GOVERN FOR LOCATION OF ALL DEVICES AS SHOWN. ENGINEERING DOCUMENTS SHALL PREVAIL ONLY IN CASE OF SCOPE OF WORK AND ELEMENTS OCCURRING ABOVE CEILING. DISCREPANCIES BETWEEN ARCHITECTURAL AND ENGINEERING DOCUMENTS MUST BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO COMMENCING WORK. AT THE TIME OF BID, ANY DISCREPANCIES NOT BROUGHT TO THE ARCHITECT'S ATTENTION SHALL BE THE RESPONSIBILITY OF THE GC.
- ALL CEILING ELEMENTS INCLUDING BUT NOT LIMITED TO SPRINKLER HEADS, OCCUPANCY SENSORS, SMOKE DETECTORS, ETC. SHALL BE CENTERED IN MODULE OF THE TILE INDICATED.
- MIX TILE IN A UNIFORM MANNER TO ELIMINATE BANDING OR BATCHING.
- FOLLOWING COMPLETION OF ACOUSTICAL CEILING INSTALLATION, ALL JOINTS SHALL BE STRAIGHT AND TRUE TO LINE, WITH EXPOSED SURFACES FLUSH AND LEVEL.
- FULL HEIGHT PARTITION WALLS CANNOT HAVE ANY PORTION OF A V.A.V. BOX OR FAN POWERED BOX ABOVE THEM. RELOCATE AFFECTED V.A.V. AND F.P. BOXES AS REQUIRED.
- IF CEILING DIFFUSER, LIGHT FIXTURES, OR OTHER ELEMENTS ON OR ABOVE THE CEILING CAN NOT BE LOCATED AS SHOWN ON THE DRAWINGS, SUCH INTERFERENCE SHALL BE REPORTED IMMEDIATELY TO ARCHITECT FOR RELOCATION.
- PROVIDE EMERGENCY BATTERY PACKS OR EMERGENCY CIRCUITS AS REQUIRED BY CODE.
- PROVIDE FINAL QUANTITY AND LOCATION OF EMERGENCY DEVICES, (INCLUDING BUT NOT LIMITED TO: BATTERY PACKS, EXIT SIGNS, FIRE ALARMS, ETC.) IN COMPLIANCE WITH AUTHORITY HAVING JURISDICTION.
- DIMMERS AND SWITCHES SHALL BE GANGED TOGETHER IN LARGEST MULTI GANG BOXES WITH COMMON FACE PLATES POSSIBLE. STACKING OF LARGE BOXES (5 SWITCHES ABOVE 5 SWITCHES) IS ACCEPTABLE.
- MATERIALS PLACED IN CEILING SHALL BE REQUIRED TO HAVE A PLENUM RATING.
- STENCIL RATED WALLS ABOVE CEILING.
- MAINTAIN 18" CLEARANCE BETWEEN THE UNDERSIDE OF SPRINKLER HEADS AND THE TOPS OF OBSTRUCTIONS BELOW.
- ALL EXPOSED CONDUIT, PIPING, DUCT WORK, AND STRUCTURE SHALL BE PAINTED.
- PROVIDE CONTROL JOINTS ON GYPSUM BOARD ASSEMBLIES PER CONSTRAINTS IN SPECIFICATIONS. LOCATE AS SHOWN ON RCP (AS APPLICABLE).
- PRIOR TO INSTALLATION OF CEILINGS, ALL PENETRATIONS THROUGH RATED AND ACOUSTICAL PARTITIONS ARE TO BE REVIEWED FOR PROPER FIRESTOPPING AND SOUND SEALING INSTALLATION.
- ALL LIGHT FIXTURES IN GWB CEILINGS AND OPEN TO DECK AREAS TO BE CENTERED IN SPACE. GROUPS OF FIXTURES SHALL BE EQUALLY SPACED.

REFLECTED CEILING PLAN LEGEND

- 2 X 2 DIRECT/INDIRECT LIGHT FIXTURE
- 2 X 4 DIRECT/INDIRECT LIGHT FIXTURE
- 8' LINEAR SUSPENDED LIGHT FIXTURE
- 8' LINEAR RECESSED LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- RECESSED LIGHT FIXTURE
- ACT CEILING SYSTEM
- GWB CEILING
- RECESSED PROJECTION SCREEN
- PROJECTOR
- WALL SCONCE (EXTERIOR)
- WALL SCONCE (INTERIOR)
- SPRINKLER HEAD
- EXIT SIGN (WALL / CEILING)
- SINGLE SECURITY CAMERA PTZ = PAN, TILT, ZOOM
- DOUBLE SECURITY CAMERA PTZ = PAN, TILT, ZOOM
- MECHANICAL RETURN DIFFUSER
- MECHANICAL SUPPLY DIFFUSER
- MECHANICAL RETURN DIFFUSER
- MECHANICAL SUPPLY DIFFUSER

RATED WALLS AND PARTITIONS

- FIRE WALLS**
 - 3-HR FIRE WALL
 - 2-HR FIRE WALL
- FIRE BARRIERS**
 - 3-HR FIRE BARRIER
 - 2-HR FIRE BARRIER
 - 1-HR FIRE BARRIER
- SMOKE BARRIER**
 - SMOKE BARRIER

- FIRE PARTITIONS**
 - 1-HR FIRE PARTITION
 - 5-HR FIRE PARTITION
- SMOKE PARTITION**
 - SMOKE PARTITION

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STATE OF FLORIDA

SEAN T. TRACY

REGISTERED ARCHITECT

ISSUE FOR

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ISSUE DATE

12.03.25

REVISIONS

NO.	REASON	DATE
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PROJECT TEAM

PRINCIPAL IN CHARGE

Sean Tracy

PROJECT MANAGER

Benjamin Boyles

DESIGN TEAM

AC, BB

PROJECT NAME

FPL Columbia Storm Processing Facility Phase 2

1185 NW 25A
LAKE CITY, FL 32055

PROJECT NO.

814.C6328.01

SHEET TITLE

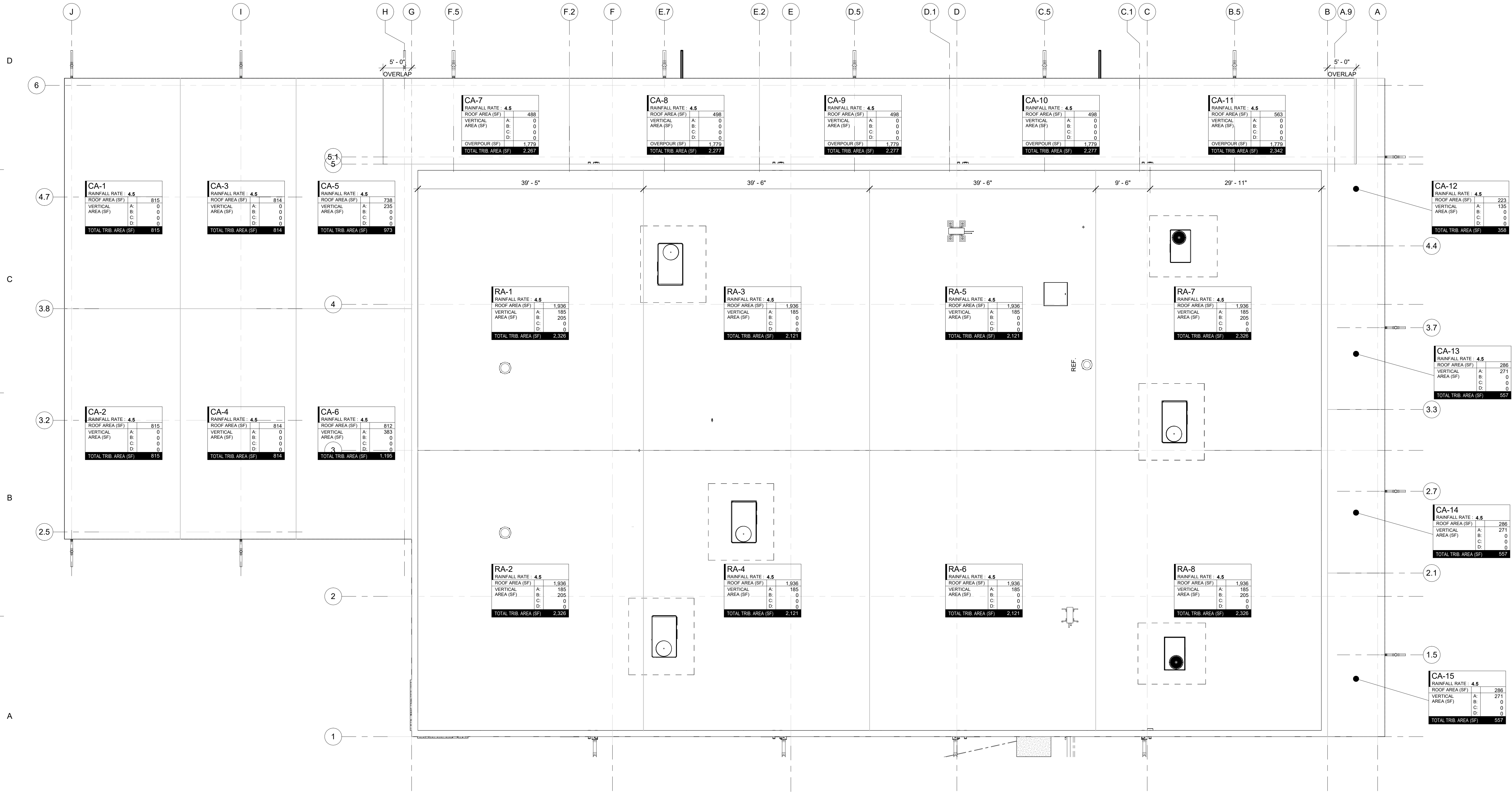
REFLECTED CEILING PLAN - LEVEL 01

SHEET NUMBER

F-A121

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1A ROOF PLAN
F-A131 1/8" = 1'-0"



ROOF DRAIN TRIBUTARY AREA, DRAIN AND SECONDARY SCUPPER SIZING														
Tributary Area	DS (WXH) SCUPPER (WXH)	Roof Area (S.F.)	V.A. (A)	V.A. (B)	V.A. (C)	V.A. (D)	Upper Roof Overpour (SF)	Roof Pitch	Total Tributary Area	Rainfall Rate	Rainfall Flow Rate (GPM / 1 S.F.)	Min. Flow Rate Required (G.P.M.)	Flow Rate Provided EA. (G.P.M.)	Gutter Size (in)
CA-1	4" X 3" N/A	815							815	4.5	0.0468	38	192	4" X 4"
CA-2	4" X 3" N/A	815							815	4.5	0.0468	38	192	4" X 4"
CA-3	4" X 3" N/A	814							814	4.5	0.0468	38	192	4" X 4"
CA-4	4" X 3" N/A	814							814	4.5	0.0468	38	192	4" X 4"
CA-5	4" X 3" N/A	738	235						973	4.5	0.0468	46	192	4" X 4"
CA-6	4" X 3" N/A	812	383						1,195	4.5	0.0468	56	192	4" X 4"
CA-7	4" X 3" N/A	498					1779		2,267	4.5	0.0468	106	192	4" X 4"
CA-8	4" X 3" N/A	498					1779		2,277	4.5	0.0468	107	192	4" X 4"
CA-9	4" X 3" N/A	498					1779		2,277	4.5	0.0468	107	192	4" X 4"
CA-10	4" X 3" N/A	498					1779		2,277	4.5	0.0468	107	192	4" X 4"
CA-11	4" X 3" N/A	563					1779		2,342	4.5	0.0468	110	192	4" X 4"
CA-12	4" X 3" N/A	223	135						358	4.5	0.0468	17	192	4" X 4"
CA-13	4" X 3" N/A	286	271						557	4.5	0.0468	26	192	4" X 4"
CA-14	4" X 3" N/A	286	271						557	4.5	0.0468	26	192	4" X 4"
CA-15	4" X 3" N/A	286	271						557	4.5	0.0468	26	192	4" X 4"
RA-1	N/A 4" X 4"	1,936	185	205					2,326	4.5	0.0468	109	192	N/A
RA-2	4" X 3" 4" X 4"	1,936	185	205					2,326	4.5	0.0468	109	192	N/A
RA-3	N/A 4" X 4"	1,936	185						2,121	4.5	0.0468	99	192	N/A
RA-4	4" X 3" 4" X 4"	1,936	185						2,121	4.5	0.0468	99	192	N/A
RA-5	N/A 4" X 4"	1,936	185						2,121	4.5	0.0468	99	192	N/A
RA-6	4" X 3" 4" X 4"	1,936	185						2,121	4.5	0.0468	99	192	N/A
RA-7	N/A 4" X 4"	1,936	185	205					2,326	4.5	0.0468	109	192	N/A
RA-8	4" X 3" 4" X 4"	1,936	185	205					2,326	4.5	0.0468	109	192	N/A
Grand total									36,679					

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SEAN P. TRACY
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ISSUE FOR
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REVISIONS
NO. REASON DATE

PROJECT TEAM
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AC, BB
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FPL Columbia Storm Processing Facility Phase 2
1185 NW 25A
LAKE CITY, FL 32055

PROJECT NO.
814.C6328.01

SHEET TITLE
ROOF PLAN

SHEET NUMBER
F-A131

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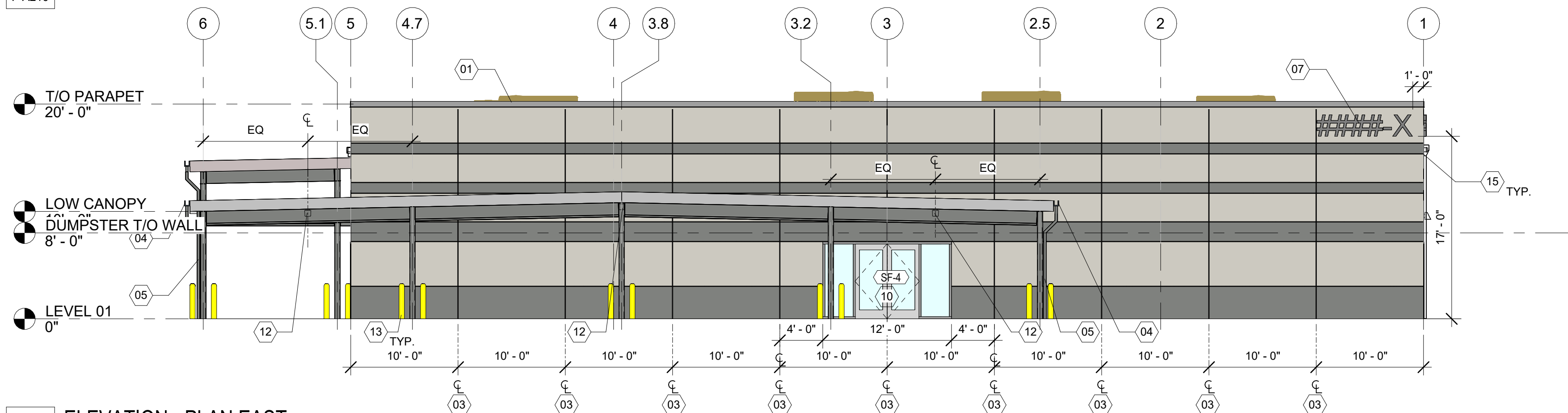
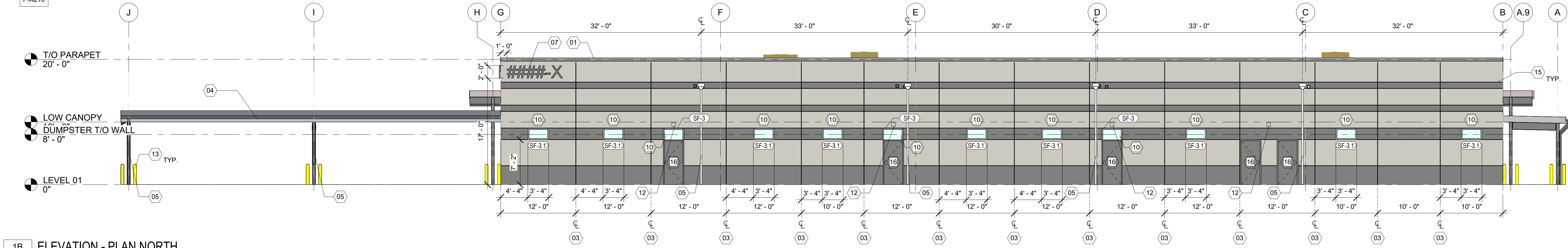
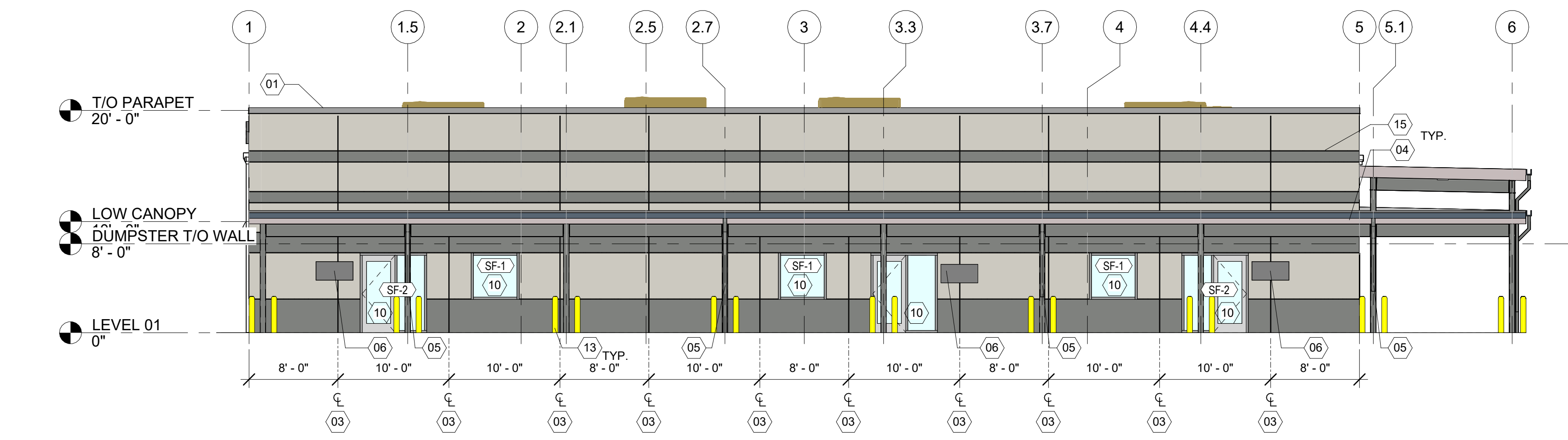
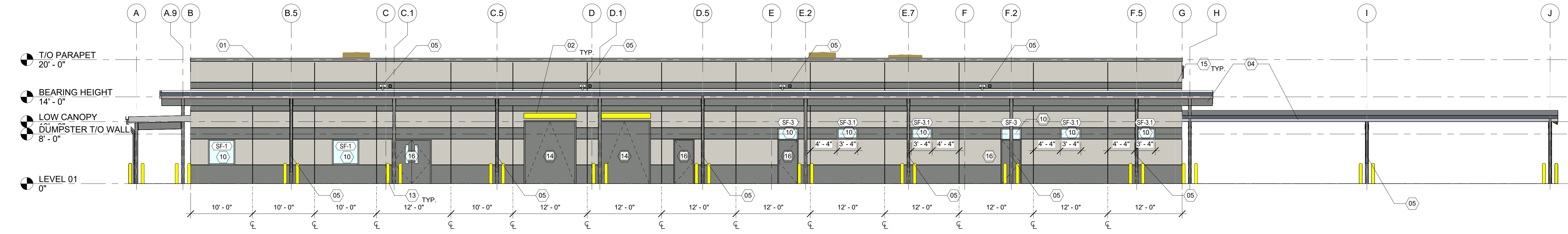
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D

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B

A



SHEET KEYED NOTES

- 01 ALUMINUM COPING
- 02 HDPE CLEARANCE SIGN
- 03 PANEL JOINT
- 04 GUTTER
- 05 DOWNSPOUT
- 06 OFFICE ADDRESS SIGNAGE
- 07 BUILDING ADDRESS SIGNAGE
- 10 STOREFRONT AS SCHEDULED
- 12 EXTERIOR LIGHT FIXTURE AS SCHEDULED. REFER TO ELEC.
- 13 6" BOLLARD, PAINTED SAFETY YELLOW
- 14 OVERHEAD COILING DOOR
- 15 REVEAL. REFER TO TYPICAL REVEAL WALL SECTION
- 16 HM DOOR AS SCHEDULED.

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ARCH. 22223

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PROJECT TEAM
PRINCIPAL IN CHARGE
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Benjamin Boyles
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AC, BB

PROJECT NAME
FPL Columbia Storm Processing Facility Phase 2
1185 NW 25A
LAKE CITY, FL 32055

PROJECT NO.
814.C6328.01

SHEET TITLE
EXTERIOR ELEVATIONS

SHEET NUMBER
F-A210

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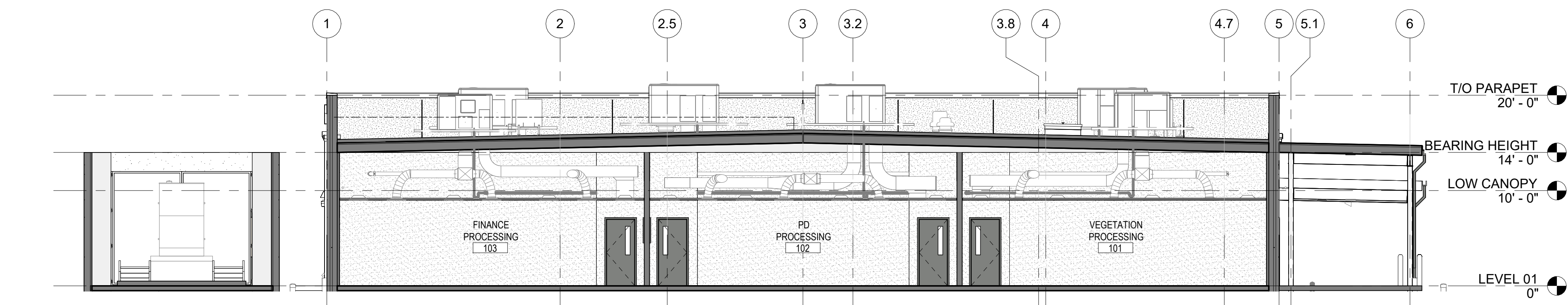
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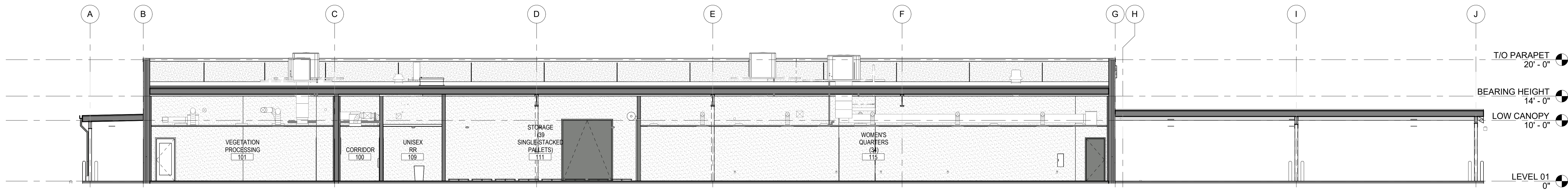
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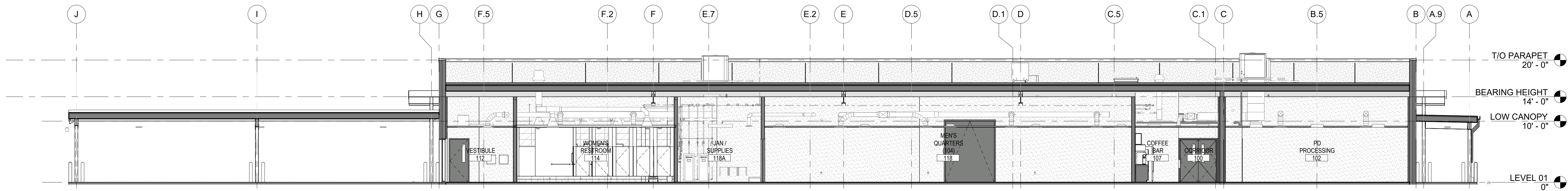
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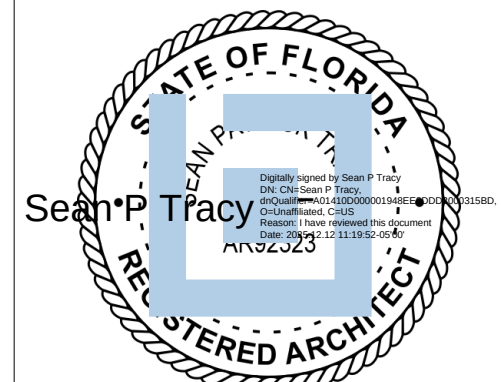
1C Section 8
F-A310 1/8" = 1'-0"



1B Section 7
F-A310 1/8" = 1'-0"



1A Section 1
F-A310 1/8" = 1'-0"



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PROJECT NAME
FPL Columbia Storm Processing Facility Phase 2
1185 NW 25A
LAKE CITY, FL 32055

PROJECT NO.
814.C6328.01
SHEET TITLE
BUILDING SECTIONS

SHEET NUMBER
F-A310