

A New Offices and Storage Building for:

CITY OF MARCO ISLAND

PUBLIC WORKS DEPARTMENT

Lily Court
Marco Island, Florida

DRAWING INDEX

	TITLE SHEET
A101	ARCHITECTURAL FLOOR PLAN
A201	ELEVATIONS
A202	ELEVATIONS

FLORIDA BUILDING CODE — BUILDING, 2023—8TH EDITION

BUILDING DATA CHART:

A. BUILDING CLASSIFICATION (PER FBC CHAPTER 3)	USE GROUPS B AND S2 — NON—SEPARATED OCCUPANCIES — FBC 508.3	
B. TYPE OF CONSTRUCTION (PER FBC TABLES 504.3, 504.4, 506.2 AND FBC SECTION 602) MINIMUM CONSTRUCTION TYPE PROVIDED	TYPE (___IIB___)	
FULLY FIRE SPRINKLED	(YES) AS PER NFPA 13, SEE FIRE SPRINKLER DRAWINGS	
	PERMITTED	PROPOSED
BUILDING HEIGHT TABLE 504.3 (allowable building height in feet above grade plane)	75'—0"	20'—0"
AREA TABLE 506.2: B (MOST RESTRICTIVE) (maximum of one story above grade plane fully sprinklered)	92,000 SF	4,754 SF
NUMBER OF STORIES TABLE 504.4 (allowable number of stories above grade plane)	4	1

C. FIRE—RESISTANT RATING REQUIREMENTS FOR BUILDING ELEMENTS (hours)
(PER FBC TABLE 601) CONSTRUCTION TYPE IIB

BUILDING ELEMENTS	REQUIREMENT	PROPOSED	DESIGN
PRIMARY STRUCTURAL FRAME INCLUDING COLUMNS, GIRDERS, BEAMS, TRUSSES	0 HR	0 HR	NA
BEARING WALLS			
EXTERIOR	0 HR	0 HR	NA
INTERIOR	0 HR	0 HR	NA
EXTERIOR NONBEARING WALLS AND PARTITIONS	0 HR	0 HR	NA
INTERIOR NONBEARING WALLS AND PARTITIONS	0 HR	0 HR	NA
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	0 HR	0 HR	NA
ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	0 HR	0 HR	NA

D. FIRE—RESISTANT RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE
(PER FBC TABLE 705.5) CONSTRUCTION TYPE IIB

FIRE SEPARATION DISTANCE (feet)	REQUIREMENT	PROPOSED	DESIGN
x <5	NA	—	—
5≤ x <10	NA	—	—
10≤ x <30	0 HR	0 HR	NA
x ≥30	0 HR	0 HR	—

E. MAXIMUM AREA OF EXTERIOR WALL OPENINGS
(PER TABLE 705.6) UNPROTECTED SPRINKLERED (UP, S)

OPENING	REQUIREMENT	PROVIDED
0 TO LESS THAN 3 FT	NP	NA
3 TO LESS THAN 5 FT	15% (UP,S)	NA
5 TO LESS THAN 10 FT	25% (UP,S)	NA
10 TO LESS THAN 15 FT	45% (UP,S)	NA
15 TO LESS THAN 20 FT	75% (UP,S)	NA
20 TO LESS THAN 25 FT	NO LIMIT (UP,S)	NA
25 TO LESS THAN 30 FT	NO LIMIT (UP,S)	NA
30 FT OR GREATER	NO LIMIT (UP,S)	NA

F. FIRE RESISTANT RATED CONSTRUCTION

	REQUIREMENT	DESIGN	OPENING PROTECTIVE
FIREWALLS — SECTION 706	NA	—	—
FIRE BARRIERS — SECTION 707	NA	—	—
VERTICAL SHAFTS — SECTION 713	NA	—	—
FIRE PARTITIONS — SECTION 708	NA	—	—
OCCUPANCY SEPARATIONS — TABLE 508.4	NA	—	—
EXIT ACCESS CORRIDORS — TABLE 1020.1	0 HR	0 HR	—
SMOKE BARRIERS — SECTION 709	NA	—	—
FLOOR AND ROOF ASSEMBLIES — SECTION 711	0 HR	0 HR	—
SMOKE PARTITION — SECTION 710 & FFPC 101 8.4	0 HR	0 HR	—

G. PLUMBING CALCULATION

	OCCUPANTS	WC REQ.	LAV REQ.	SHOWER REQ.	WC PROV.	LAV PROV.
MALE	10	1	1	0	1	1
FEMALE	10	1	1	0	1	1

DRINKING FTN REQ.	DRINKING FTN PROV.	SERVICE SINK REQ.	SERVICE SINK PROV.
1	1 (1 HI/LO SYSTEMS)	1	1

OCCUPANT LOAD CALCULATION
PER F.B.C. 2023 8TH EDITION, TABLE 1004.5

OCCUPANCY CALCULATION	LOAD FACTOR	SQUARE FEET	NUMBER OF OCCUPANTS
BUSINESS	150 GROSS	2,352	15
STORAGE	500 GROSS	2,402	5
TOTAL OCCUPANCY	-	-	20

PROJECT SCOPE:
WORK CONSISTS OF THE CONSTRUCTION OF A NEW OFFICES AND STORAGE BUILDING FOR THE CITY OF MARCO.



ADG
ARCHITECTURE, LLC

Robert T Taylor

Digitally signed by Robert T Taylor
DN: cn=Robert T Taylor, o=ADG Architecture, LLC, email=rtaylor@adgarch.com, c=US

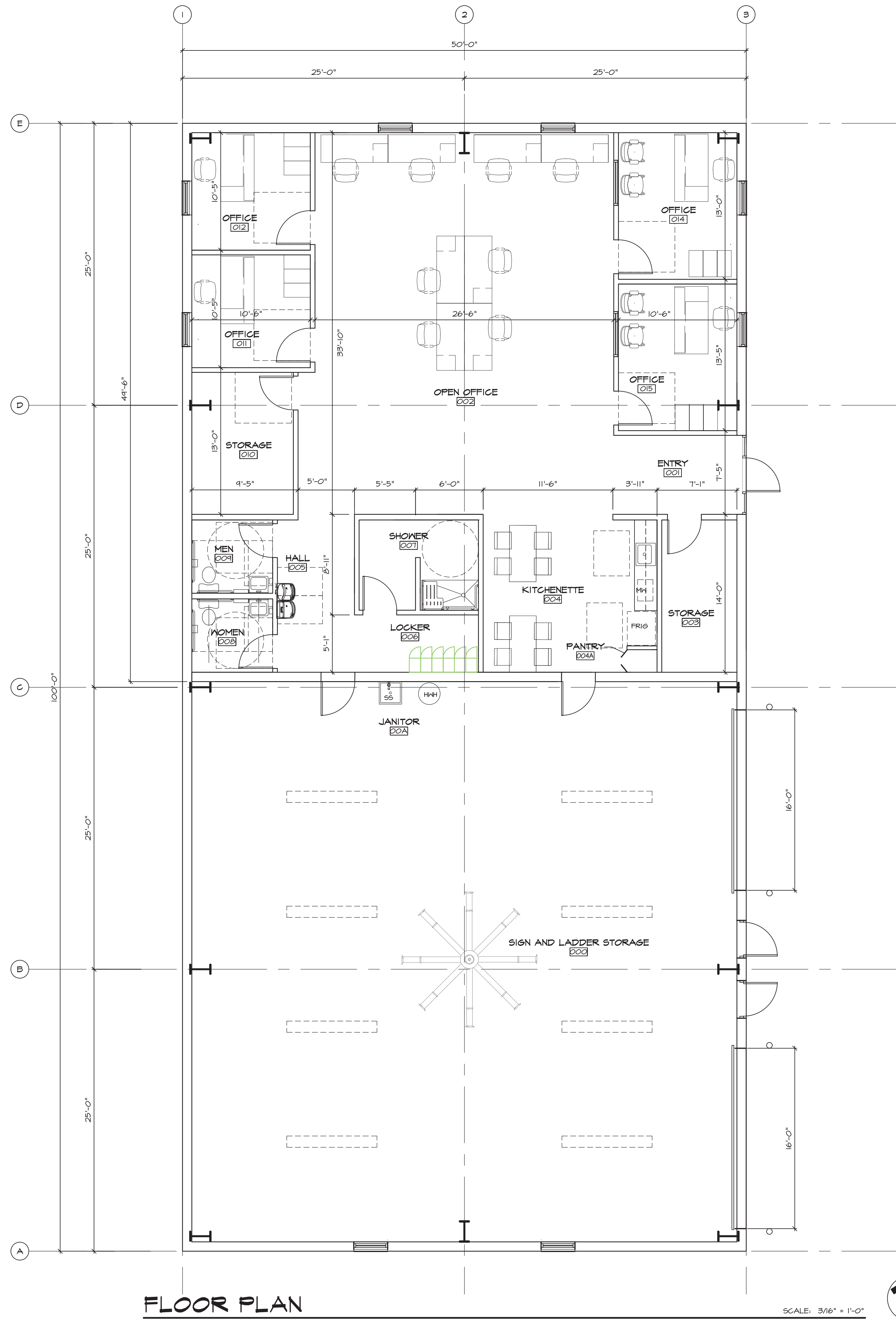
ARCHITECTURE ■ PLANNING ■ INTERIOR DESIGN

PORT CHARLOTTE, FLORIDA 33952
Phone: (941) 639-2450
Fax: (941) 639-2438
AA-26002422

FORT MYERS, FLORIDA 33966
Phone: (239) 277-0554
Fax: (239) 277-0741
www.adgarchitecture.com



DRAWING / PHASE / REVISION	DATE		2024-113
SITE DEVELOPMENT PLAN	06 - 26 - 2025		



FLOOR PLAN

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



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ADG
ARCHITECTURE, LLC
ARCHITECTURE • PLANNING • INTERIOR DESIGN

4161 Tamiami Trail #501
Port Charlotte, Florida 33952
Ph. (941) 639-2450 Fax (941) 639-2438

3820 Colonial Blvd. #100
Fort Myers, Florida 33966
Ph. (239) 277-5554 Fax (239) 277-0741
AA-26002422


www.adgarchitecture.com

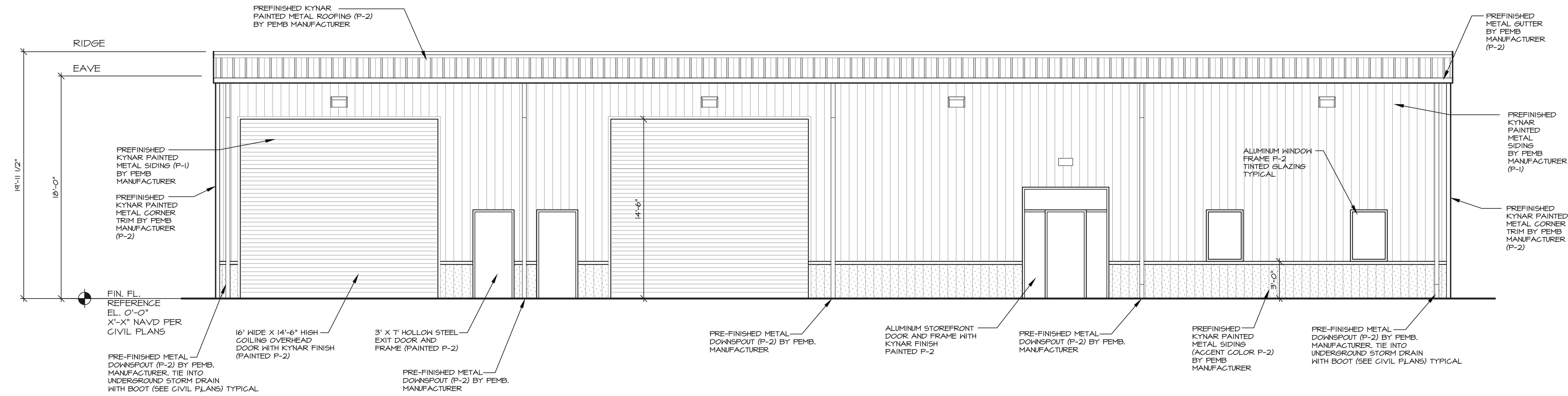
Site Development Plan
ISSUED 6/6/2025

STATE OF FLORIDA
ROBERT T. TAYLOR
★
AR0012388
REGISTERED ARCHITECT

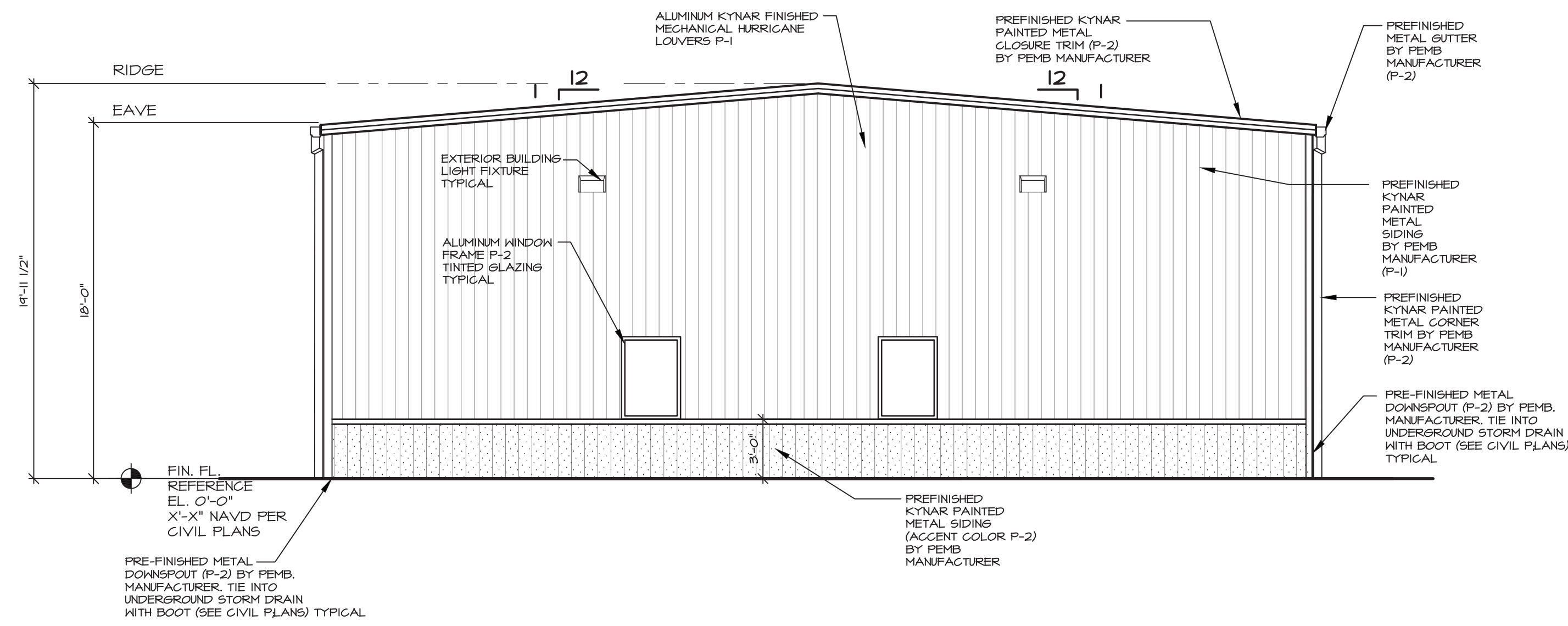
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PROJECT NO. 2024-J-113



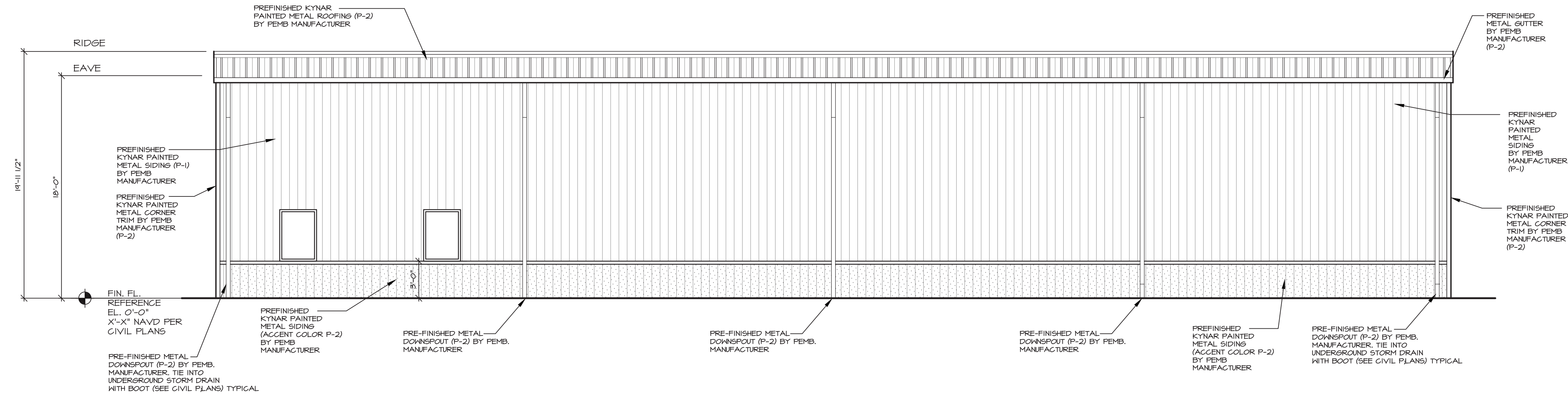
(FRONT - MAIN ENTRY) EAST EXTERIOR ELEVATION SCALE: 3/16" = 1'-0"



(SIDE) NORTH EXTERIOR ELEVATION SCALE: 3/16" = 1'-0"

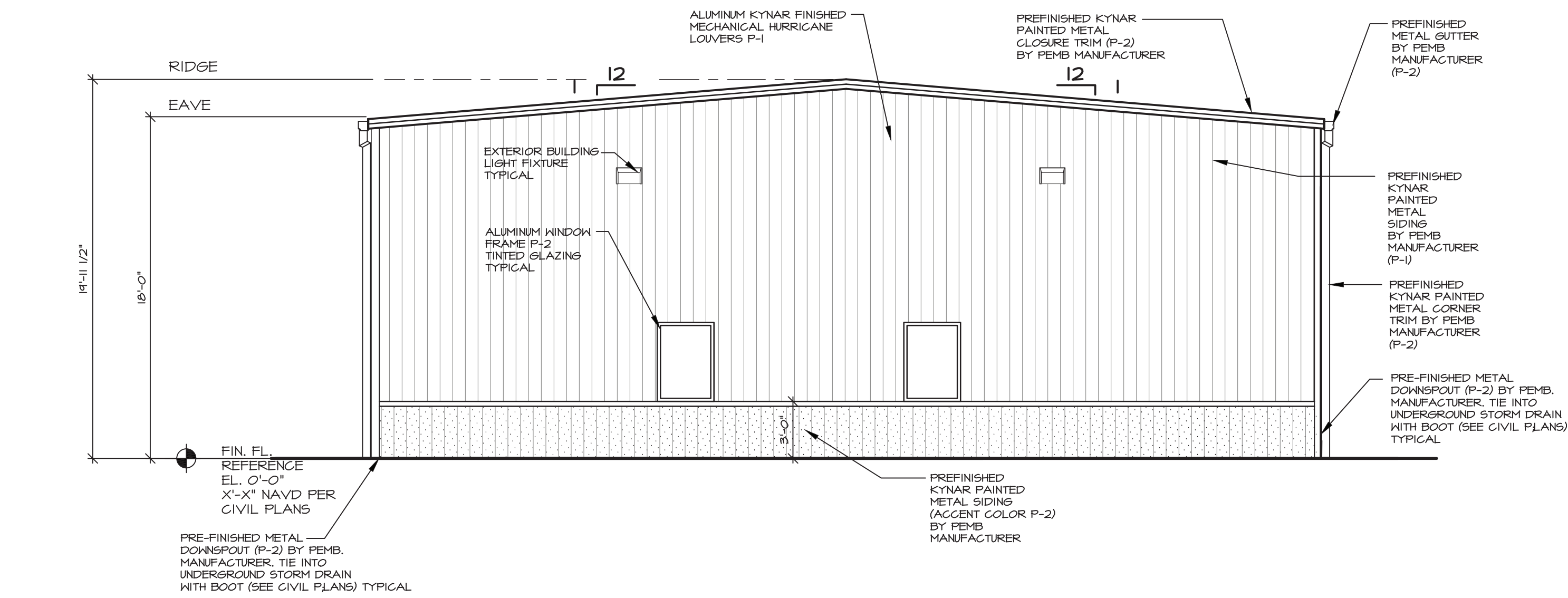


EXAMPLE OF METAL BUILDING STYLE AT CITY OF MARCO ISLAND, WATER AND SEWER DEPARTMENT SITE AT 807 EAST ELKCAM CIRCLE,



(REAR) WEST EXTERIOR ELEVATION

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



(SIDE) SOUTH EXTERIOR ELEVATION

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