AN ADDITION TO THE TRANSYLVANIA COUNTY ECONOMIC ALLIANCE

SYLVAN VALLEY INDUSTRIAL PARK (PHASE 2)

BREVARD, NORTH CAROLINA

DRAWING INDEX

GENERAL NOTES:

1. REFER TO CIVIL DRAWINGS FOR ALL SITE WORK.
2. REFER TO STRUCTURAL DRAWINGS FOR ALL STRUCTURAL WORK.
3. REFER TO PLUMBING, MECHANICAL AND ELECTRICAL WORK FOR PME SCOPE.
4. CONTRACTOR SHALL VERIFY NEW CONSTRUCTION LOCATIONS WITH OWNER, CIVIL ENGINEER AND ARCHITECT PRIOR TO COMMENCEMENT OF ANY WORK.
5. CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS. CONSULT ARCHITECT FOR ANY CONFLICTS.
6. IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO COORDINATE DELIVERING OF MATERIALS AND THE WORK OF ALL SUBCONTRACTORS.
7. ALL UL DESIGN NUMBERS REQUIRED ARE TO BE IN ACCORDANCE WITH THE LATEST EDITION OF THE UNDERWRITERS LABORATORY FIRE RESISTANCE DIRECTORY.
8. THE DESIGN INTENT OF THE CONSTRUCTION DRAWINGS AND PROJECT MANUAL IS TO COMPLY WITH ALL BUILDING CODES OR ORDINANCES THAT HAVE JURISDICTION OVER THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL STATE/LOCAL CODES AND ORDINANCES DURING THE CONSTRUCTION OF THIS PROJECT.
9. CONTRACTOR IS TO CONSULT WITH OWNER/ARCHITECT REGARDING ANY PORTIONS OF THE DOCUMENTS THAT DO NOT COMPLY WITH SUCH CODES OR ORDINANCES.
10. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL PENETRATIONS IN ALL WALLS AND SPECIFICALLY RATED WALL SYSTEMS TO MEET SPECIFIED UL RATING REQUIREMENTS FOR EACH RATING.
11. REFER TO FINISH SCHEDULE AND ASSOCIATED NOTES FOR ADDITIONAL INFORMATION PERTAINING TO FINISHES NOT SHOWN ON THIS AND OTHER DRAWING SHEETS.
12. CONTRACTOR TO COORDINATE ALL PARTITION LOCATIONS WITH ALL OTHER TRADES. ANY DISCREPANCIES TO BE BROUGHT TO THE ARCHITECT/OWNER'S ATTENTION IMMEDIATELY.
13. CLEAR DIMENSIONS NOTED ARE CRITICAL AND ARE TO BE USED IN LOCATING PARTITIONS, OPENINGS, ETC. SHOULD ANY CLEAR DIMENSIONS ADVERSELY EFFECT OTHER DIMENSIONS NOTED THAT ARE REQUIRED FOR DESIGN INTENT, CONSULT WITH ARCH/OWNER IMMEDIATELY. ALL DIMENSIONS PERTAINING TO ACCESSIBILITY REQUIREMENTS ARE TO BE VERIFIED AND MUST COMPLY WITH CHAPTER 11 OF THE NC BUILDING CODE AND ANSI A117.1-2003*
14. STRUCTURAL ENGINEERS FOUNDATION/FOOTING DESIGN IS BASED ON AN ALLOWABLE SOIL BEARING PRESSURE OF 3000 PSF. THE REQUIRED AGGREGATE PIER DESIGN AND INSTALLATION IS TO BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR UNDER A DESIGNATED DESIGN REQUIREMENT. REFER TO STRUCTURAL AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING THIS WORK.
15. TRANSYLVANIA COUNTY BUILDING PERMIT FEES AND BREVARD CITY FEES FOR PLAN REVIEW, WATER AND SEWER TAP FEES, ETC. TO BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR IF THEY ARE INCURRED ON THIS PROJECT.
16. NO SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW UNTIL AFTER THEY HAVE BEEN REVIEWED AND NOTED FOR CONSTRUCTION METHOD, DIMENSIONING AND OTHER TRADE REQUIREMENTS BY THE GENERAL CONTRACTOR. SHOP DRAWINGS ARE TO BE SIGNED AND STAMPED WITH THE GC APPROVED SEAL. THE ARCHITECT ASSUMES NO RESPONSIBILITY FOR DIMENSIONS, QUANTITIES, ERRORS OR OMISSIONS AS A RESULT OF CHECKING AND REVIEWING ANY SHOP DRAWINGS. ANY ERRORS OR OMISSIONS SHALL BE RECTIFIED BY THE GC, IRRESPECTIVE OF RECEIPT, CHECKING OR REVIEW OF DRAWINGS BY ARCHITECT REGARDLESS IF WORK HAS BEEN COMPLETED IN ACCORDANCE WITH SUCH DRAWINGS.
17. OWNER WILL EMPLOYEE SAME FOR INDEPENDENT SPECIAL INSPECTIONS. AS STATED IN CH. 17 THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING ALL INSPECTION WITH SAME AS WELL AS FOR THE CONTRACTORS RESPONSIBILITIES AND OBSERVATION DOCUMENTED IN THIS CHAPTER OF THE CODE.

APPENDIX 'B' – BUILDING CODE SUMMARY

APPENDIX B
BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS

Name of project: SYLVAN VALLEY INDUSTRIAL PARK (PHASE 2)
Address: 63 WELCOME STREET, BREVARD, NC 28712
Proposed Use: WAREHOUSE/MANUFACTURING
Owner/Agent: MR. LARRY REESE Phone: 828.883.8765
Owned By: ☒ City/County ☐ Private ☐ State
Code Enforcement Jurisdiction: ☒ City BREVARD ☒ County TRANSYLVANIA

LEAD DESIGN PROFESSIONAL:

DESIGNER	FIRM NAME	DESIGNER'S NAME	LICENSE#	TELEPHONE#
Architectural	RICHARD L. WORLEY, AIA	RICHARD L WORLEY	3600	828.891.7389
Civil	HIGH COUNTRY ENG., PC	MICHAEL GOFORTH	33862	828.230.4511
Electrical	SIMS GROUP, PC	DEREK STEWART	42145	828.251.2025
Fire Alarm	SIMS GROUP, PC	DEREK STEWART	42145	828.251.2025
Plumbing	SIMS GROUP, PC	DEREK STEWART	42145	828.251.2025
Mechanical	SIMS GROUP, PC	DEREK STEWART	42145	828.251.2025
Sprinkler	NA	NA	NA	NA
Structural	MEDLOCK AND ASSOC.	EDWARD MEDLOCK	25850	828.232.4448
Ret. Walls>5'	NA	NA	NA	NA
Other	NA	NA	NA	NA

YEAR EDITION OF CODE: NC BUILDING CODE 2018
☒ New Construction ☐ Renovation (Existing Bldg) ☐ Upfit ☐ Alteration

BUILDING DATA:
Construction Type: ☐ I-A ☐ I-B ☐ II-A ☒ II-B ☐ III-A ☐ III-B ☐ IV ☐ V-A ☐ V-B
Mixed Construction: ☐ No ☐ Yes Types
Sprinklers: ☐ No ☒ Yes ☒ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D
Standpipes: ☒ No ☐ Yes ☐ CLASS I ☐ CLASS II ☐ CLASS III ☐ WET ☐ DRY
Fire District: ☒ No ☐ Yes SPRINKLER SYSTEM TO CONNECT TO THE EXISTING ESFR SYSTEM (ESFR - EARLY SUPPRESSION FAST RESPONSE)
Building Height: 32 ft. No. of Stories: 1 ☒ Unlimited per N/A
Mezzanine: ☐ No ☒ Yes IN EXISTING BUILDING
High Rise: ☒ No ☐ Yes Central Reference Sheet # (if provided) SEC 507

Gross Building Area:

Floor	Existing (Sq.Ft.)	New (Sq.Ft.)	Sub-Total
4th Floor	N/A	N/A	N/A
3rd Floor	N/A	N/A	N/A
2nd Floor	N/A	N/A	N/A
Mezzanine	N/A	N/A	N/A
1st Floor	60,750	40,000	100,750
Basement	N/A	N/A	N/A
TOTAL :	60,750	40,000	100,750

NO INCREASE IN AREA ALLOWABLE AREA

Primary Occupancy: ☐ Assembly ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5
☐ Business ☐ Educational ☒ Factory–Industrial ☒ F-1 ☐ F-2
☐ High-Hazard ☐ H-1 ☐ H-2 ☐ H-3 ☐ H-4 ☐ H-5
☐ Institutional ☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4
I-3 Use Condition ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
☐ Mercantile ☐ Residential ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
☐ Storage ☐ S-1 ☐ S-2 ☐ High-piled
☐ Utility and Miscellaneous Parking Garage ☐ Open ☐ Enclosed ☐ Repair

Secondary Occupancy: X

Special Use: ☐ 402 ☐ 403 ☐ 404 ☐ 405 ☐ 406 ☐ 407 ☐ 408 ☐ 409 ☐ 410 ☐ 411 ☐ 412 ☐ 413 ☐ 414 ☐ 415 ☐ 416 ☐ 417 ☐ 418 ☐ 419 ☐ 420 ☐ 421 ☐ 422 ☐ 423 ☐ 424 ☐ 425 ☐ 426 ☐ 427

Special Provisions: ☐ 509.2 ☐ 509.3 ☐ 509.4 ☐ 509.5 ☐ 509.6 ☐ 509.7 ☐ 509.8 ☐ 509.9

Mixed Occupancy: ☐ NO ☒ YES Separation: X Hr. Exception: X

☐ Incidental Use Separation (508.2.5)
This separation is not exempt as a Nonseparated Use (see exceptions)

☐ Non-Separated Mixed Occupancy (508.3.2)
The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.

☐ Separated Mixed Occupancy (508.3.3) - See below for area calculations
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.

$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} \leq 1.00$$

N/A / N/A + N/A / N/A + N/A / N/A + N/A / N/A = .00 ≤ 1.00
(.00) (.00) (.00) (.00)

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER FLOOR (ACTUAL)	(B) TABLE 503[3] 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]
1	INDUSTRY–F1–NEW	40,000	9000	N/A	N/A	UNLIMIT	UNLIMIT
1	INDUSTRY–F1–EXISTING	60,750	7000	N/A	N/A	UNLIMIT	UNLIMIT
,	,	–	–	–	–	–	–
,	,	–	–	–	–	–	–

NOTE: ENTIRE BUILDING IS SURROUNDED BY A MIN. OF 60 FT. PUBLICS WAY OR YARD AND HAS AN AUTOMATIC SPRINKLER SYSTEM NFPA 13 ALLOWING FOR UNLIMITED AREA (SEC. 507).

1. Open space area increase from Section 506.2 are computed thus:
   a. Perimeter which front a public way or open space having 20ft min. width = N/A (F)
   b. Total Building Perimeter = N/A (P)
   c. Ratio (F/P) = N/A (F/P) X
   d. W=Minimum width of public way = N/A (W)
   e. Percentage of frontage increase I_f = 100 (F/P – .25) x W/30 = N/A (%)
2. The sprinkler increase per Section 506.3 is as follows:
   a. Multi–story building I_s = 200 percent
   b. Single–story building I_s = 300 percent
3. Unlimited area applicable under conditons of Section 507.
4. Maximum Building Area=total number of stories in the building xE (506.4).
5. The maximum area of parking garages must comply with 406.3.5. The maximum area of air traffic control towers must comply with 412.1.2.

ALLOWABLE HEIGHT

PROJECT IS RENOVATION OF INTERIOR AREAS OF AN EXISTING BUILDING WITHOUT ANY ADDITIONS.

	ALLOWABLE (TABLE 504)	INCREASE FOR SPRINKLERS	SHOWN ON PLANS	CODE REFERENCE
Type of Construction	Type IIB		Type IIB	602.2
Building Height in Feet	Feet 75	Feet=H+20'= N/A	Feet 38	TABLE 504.3
Building Height in Stories	Stories 1	Stories+1 = N/A	Stories 1	TABLE 504.4

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENTS	FIRE SEPARATION IN (FEET)	RATING REQ'D.	RATING PROVIDED (W/ REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	DESIGN # FOR RATED PENETR.	DESIGN # FOR RATED JOINTS
Structural frame, including columns, girders trusses	X	X	X	X	X	X	X
Bearing Walls (EXISTING)							
Exterior	X	X	X	X	X	X	X
North	X	X	X	X	X	X	X
East	X	X	X	X	X	X	X
West	X	X	X	X	X	X	X
South	X	X	X	X	X	X	X
Interior	X	X	X	X	X	X	X
Non–bearing walls and partitions Exterior	X	X	X	X	X	X	X
North	X	X	X	X	X	X	X
East	X	X	X	X	X	X	X
West	X	X	X	X	X	X	X
South	X	X	X	X	X	X	X
Interior	X	X	X	X	X	X	X
Floor Construction Including support beams and joists	X	X	X	X	X	X	X
Roof Construction Including support beams and joists	X	X	X	X	X	X	X
Shafts – Exit	X	X	X	X	X	X	X
Shafts – Other	X	X	X	X	X	X	X
Corridor Separation (New)	X	X	X	X	X	X	X
Fire Separation Partition	X	X	X	x	x	X	X
Fire Partition	X	X	X	x	x	X	X
Fire Partition	X	X	X	x	x	X	X
Smoke Barrier Separation	X	X	X	X	X	X	X

NOTE:

* Indicate section number permitting reduction

LIFE SAFETY REQUIREMENTS

Emergency Lighting: ☐ NO ☒ YES
Exit Signs: ☐ NO ☒ YES
Fire Alarm: ☐ NO ☒ YES
Smoke Detection System: ☐ NO ☒ YES
Panic Hardware: ☐ NO ☒ YES

EXIT REQUIREMENTS
NUMBER AND ARRANGEMENT OF EXITS

BUILDING ELEMENTS	MINIMUM NUMBER OF EXITS REQUIRED	MINIMUM NUMBER OF EXITS SHOWN ON PLANS	TRAVEL DISTANCE ALLOWABLE TRAVEL DISTANCE (TABLE 1017.2)	TRAVEL DISTANCE ACTUAL TRAVEL DISTANCE SHOWN ON PLANS	ARRANGEMENT MEANS OF EGRESS (1007.1.1) REQ'D MIN. DISTANCE BETWEEN EXIT DOORS	ARRANGEMENT MEANS OF EGRESS (1007.1.1) ACTUAL DISTANCE SHOWN ON PLANS
INDUSTRIAL (F1)	2	6	250	215	46	60

NOTE:

EXIT WIDTH

USE GROUP OR SPACE DESCRIPTION	(a) AREA[1] sq. ft.	(b) AREA PER OCCUPANT (1004.1.2)	(c) EGRESS WIDTH PER OCCUPANT (SEC. 1005) STAIR	(c) LEVEL	EXIT WIDTH (in.)2,3,4,5,6 REQUIRED WIDTH (SEC. 1005) (a/b) x .e STAIR	REQUIRED WIDTH (SEC. 1005) (a/b) x .e LEVEL	ACTUAL WIDTH SHOWN ON PLANS STAIR	ACTUAL WIDTH SHOWN ON PLANS LEVEL
INDUSTRIAL (F1)	40,000	100	.3	.2	60	80	72	144

[1] See Table 1003.2.2.2 to determine whether net or gross area is applicable. See definition "Area Gross" and "Area, Net" (Section 1002)
[2] The sprinkler increase per Section 506.3 is as follows:
c. Multi–story building I^s = 200 percent
c. Single–story building I^s = 300 percent
[3] Min. stairway width (Section 1003.3.3); min. corridor width (Sec. 1004.3.2.2); min. door width (Secton 1003.3.1)
[4] Minimum width of exit passageway (Section 1005.3.3)
[5] The loss of one means of egress shall not reduce the available capacity to less than 50% of the total required (Section 1003.2.3)
[6] Assembly occupancies (Section 1008)

SPECIAL APPROVAL: (Local Jurisdiction, Department of Insurance, SBCO, ICC, etc., describe below)
SPECIAL1 City of Brevard – Unified Development Ordinance
SPECIAL2
SPECIAL3

ENERGY REQUIREMENTS:

CLIMATE ZONE: ☐ 3 ☒ 4 ☐ 5

METHOD OF COMPLIANCE: Prescriptive ☒ Performance ☐ Energy Cost Budget ☐

Roof/ceiling Assemblies:
Description of assembly: TYPICAL: EXPOSED CONSTRUCTION OF METAL DECKING WITH CONTINUOUS R–30 RIGID FOAM INSULATION (APPROX 6" THK) ABOVE DECK WITH TPO SINGLE PLY ROOFING MEMBRANE SYSTEM.

U–Value of total assembly: 0.0315
R–Value of insulation: R–30.0
Skylights (U–Value & total area in assembly): None

Exterior Wall Assemblies:
Description of assembly:

INSULATED PRE–CAST CONCRETE PANELS: U–Value of total assembly: U–0.104
PANEL CONSISTS OF 2–1/2" CONCRETE, 3" RIDGED BOARD INSULATION, 2–1/2" CONCRETE, PANEL SUPPLIER TO SUBMIT DATA CONFIRMING PANEL PROVIDES MIN. INSULATION REQUIRED BY THE NC BLDG CODE.

Openings (windows, doors w/ glazing):
U–Value of glazing assembly: Fixed Glazing 0.45; Doors 0.77
Solar Heat Gain Coefficient: 0.33
Projection factor: .45
Door R–Values: opaque door U–.25
Garage Door Values: U–.25

Walls adjacent to unconditioned space: (None)

Walls below grade Assembly:
Description of assembly:

U–Value of total assembly: N/A
R–Value of insulation: N/A

Floors over unconditioned space: (None)
Description of assembly: N/A
U–Value of total assembly: N/A
R–Value of insulation: N/A

Floors, slab on grade:
Description of assembly: Concrete Slab on Grade w/ 3" ext. polystyrene (R–15)
U–Value of total assembly: N/A
R–Value of insulation: 15.0
Horizontal/Vertical requirement: installed Horizontal
Slab heated: No

FILE NAME: RLW98.dwg

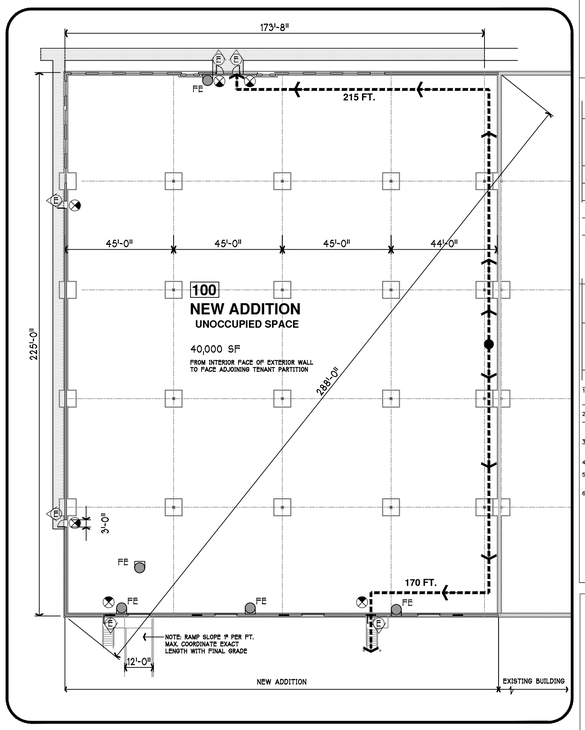
RICHARD L. WORLEY
ARCHITECT A.I.A.
4078 HAYWOOD ROAD – MILLS RIVER, NORTH CAROLINA 28759

AN ADDITION TO THE TRANSYLVANIA COUNTY ECONOMIC ALLIANCE
SYLVAN VALLEY INDUSTRIAL PARK (PHASE 2)
BREVARD, NORTH CAROLINA

RICHARD L. WORLEY 3600 REGISTERED ARCHITECT NORTH CAROLINA FOREST, N.C.

DATE 4 APR 2024

SHEET TS



LIFE SAFETY REQUIREMENTS

Emergency Lighting:	☐ NO	☒ YES
Exit Signs:	☐ NO	☒ YES
Fire Alarm:	☐ NO	☒ YES
Smoke Detection System:	☐ NO	☒ YES
Panic Hardware:	☐ NO	☒ YES

EXIT REQUIREMENTS

NUMBER AND ARRANGEMENT OF EXITS

BUILDING ELEMENTS	MINIMUM NUMBER OF EXITS		TRAVEL DISTANCE		ARRANGEMENT MEANS OF EGRESS (1007.1.1)	
	REQUIRED	SHOWN ON PLANS	ALLOWABLE TRAVEL DISTANCE (TABLE 1017.2)	ACTUAL TRAVEL DISTANCE SHOWN ON PLANS	REQ'D MIN. DISTANCE BETWEEN EXIT DOORS	ACTUAL DISTANCE SHOWN ON PLANS
INDUSTRIAL (F1)	2	6	250	215	46	60

NOTE:

EXIT WIDTH

USE GROUP OR SPACE DESCRIPTION	(a)	(b)	(c)		EXIT WIDTH (in.)2,3,4,5,6			
	AREA[1] sq. ft.	AREA PER OCCUPANT (1004.1.2)	EGRESS WIDTH PER OCCUPANT (SEC. 1005)		REQUIRED WIDTH (SEC. 1005) (a/b) x c		ACTUAL WIDTH SHOWN ON PLANS	
			STAIR	LEVEL	STAIR	LEVEL	STAIR	LEVEL
INDUSTRIAL (F1)	40,000	100	.3	.2	60	80	72	144
1								
2								
3								

4 See Table 1003.2.2.2 to determine whether net or gross area is applicable. See definition "Area Gross" and "Area, Net" (Section 1002)

5 The sprinkler increase per Section 506.3 is as follows:

6 c. Multi-story building P = 200 percent
c. Single-story building P = 300 percent

Min. stairway width (Section 1003.3.3); min. corridor width (Sec. 1004.3.2.2); min. door width (Secton 1003.3.1)

Minimum width of exit passageway (Section 1005.3.3)

The loss of one means of egress shall not reduce the available capacity to less than 50% of the total required (Section 1003.2.3)

Assembly occupancies (Section 1008)

LIFE SAFETY PLAN GENERAL NOTES:

A. BUILDING DESIGN INCLUDES:

1. EXACT LOCATION OF PORTABLE FIRE EXTINGUISHERS TO BE COORDINATED WITH FIRE MARSHALL AND ALL OTHER TRADES.
2. FIRE ALARM SYSTEM WITH SMOKE DETECTORS.
3. INTERIOR EMERGENCY LIGHTING
4. EXTERIOR EMERGENCY LIGHTING AT EXIT DOORS.
5. EXIT SIGNS
6. FIRE SPRINKLER SYSTEM.

B. BUILDING OCCUPANCY INDUSTRIAL (F-1).

C. OCCUPANCY LOAD: REFER TO SHEET T5 FOR APPENDIX "B".

LIFE SAFETY PLAN LEGEND:

EGRESS PATH

EXIT SIGN

FIRE EXTINGUSHER (FE)

EMERGENCY LIGHTING

EXTERIOR EMERG. LIGHTING (E)

EMERGENCY LIGHTING (BE)

EMERGENCY LIGHTING (DE)

AREA SUMMARY

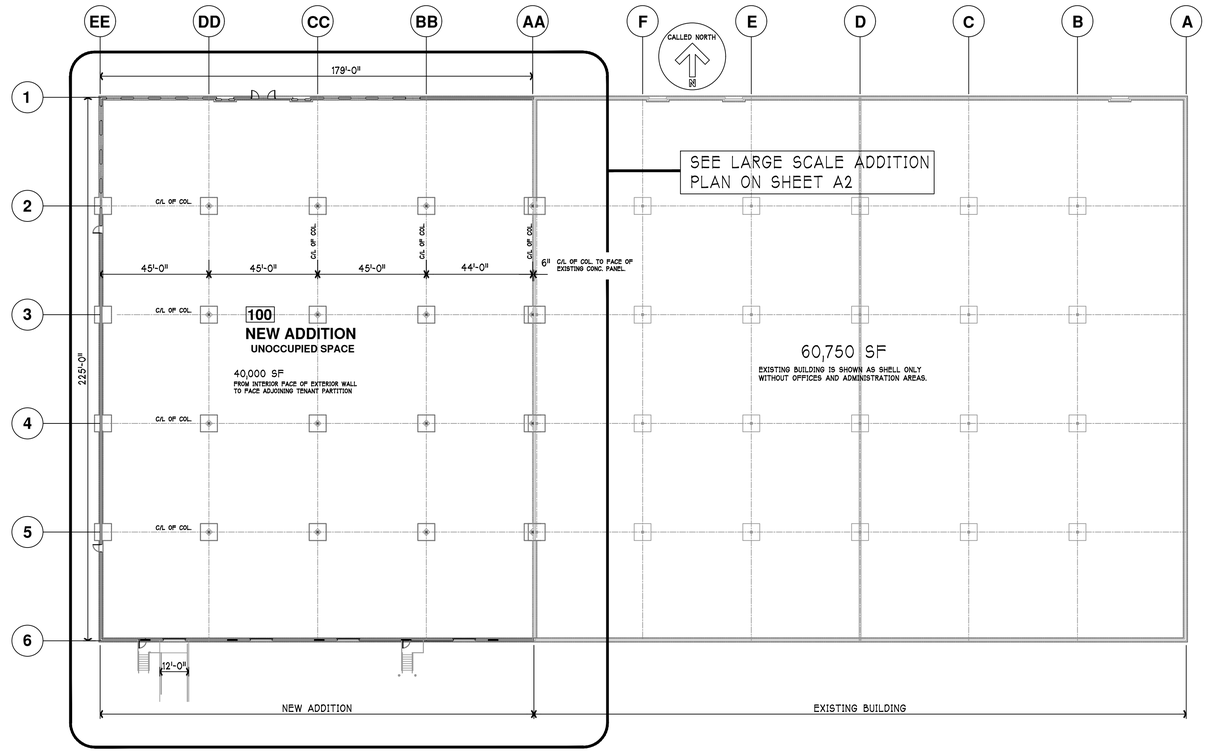
INDUSTRIAL (F-1)	SQUARE FOOTAGE
UNOCCUPIED SPACE	40,000 SF

NOTE: LOCATION OF DEVICES ARE DIAGRAMMATIC IN NATURE. EXACT LOCATION TO BE CONFIRMED WITH OWNER AND COORDINATED WITH OTHER TRADES PRIOR TO PROCEEDING WITH INSTALLATION.

CALLED NORTH

LIFE SAFETY PLAN

SCALE: 1" = 30'-0"



OVERALL KEY PLAN VIEW

SCALE: 1" = 30'-0"

DIGITAL PLANS OF EXISTING BUILDING ARE A GENERAL REPRESENTATION OF THE EXISTING BUILDING AND HAVE BEEN DEVELOPED FROM OLD EXISTING DRAWINGS WITH MINIMAL SITE OBSERVATIONS. THESE DRAWINGS/FILES ARE NOT INTENDED TO BE A PRECISE REPRESENTATION OF THE EXISTING CONSTRUCTION. FIELD VERIFY EXISTING CONDITIONS OF ANY AREAS THAT ARE CRITICAL TO ALL RENOVATIONS, ADDITIONS AND FUTURE DESIGN OF THIS BUILDING. ALL SQUARE FOOTAGE NUMBERS ARE APPROXIMATE.

FILE NAME: RLW98.dwg

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4078 HAYWOOD ROAD – MILLS RIVER, NORTH CAROLINA 28759

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BREVARD, NORTH CAROLINA

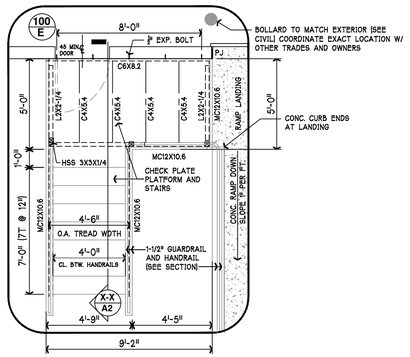
RICHARD L. WORLEY
REGISTERED
ARCHITECT
SOUTH CAROLINA
NORTH CAROLINA
SAWMILL FOREST, N.C.

DATE 4 APR 2024

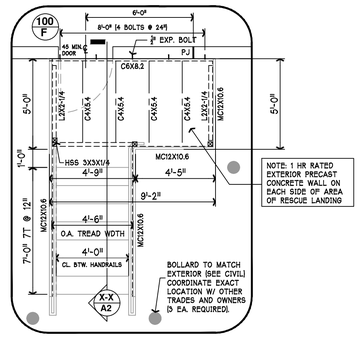
SHEET A1

SPECIAL CONSTRUCTION NOTES:

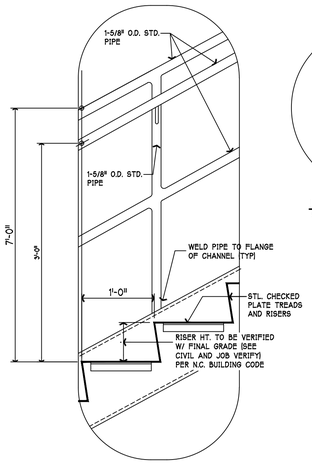
1. THE DETAILED CONSTRUCTION DRAWINGS ARE INTENDED TO MATCH THE EXISTING BUILDING IN CONCEPT AND DETAILS WHENEVER POSSIBLE. FINAL APPEARANCE IS EXPECTED TO MATCH EXISTING COLORS, DESIGN FEATURES, QUALITY OF MATERIALS, ETC. ANY CONFLICTS WITH THIS INTENT IS TO BE BROUGHT TO THE OWNER/ARCH'S ATTENTION BEFORE PROCEEDING.
2. THE REQUIRED PRE-ENGINEERED PRE-CAST WALL PANEL DESIGN AND CONSTRUCTION ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR UNDER A DESIGNATED DESIGN REQUIREMENT. REFER TO STRUCTURAL AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING THIS WORK.
3. CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS. CONSULT ARCHITECT FOR ANY CONFLICTS.
4. STRUCTURAL ENGINEER'S FOUNDATION/FOOTING DESIGN IS BASED ON AN ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF. THE REQUIRED AGGREGATE PIER DESIGN AND CONSTRUCTION IS TO BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR UNDER DESIGNATED DESIGN REQUIREMENTS. REFER TO STRUCTURAL AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING THIS WORK.
5. THE DESIGN INTENT OF THE CONSTRUCTION DRAWINGS AND PROJECT MANUAL IS TO COMPLY WITH ALL BUILDING CODES AND/OR ORDINANCES THAT HAVE JURISDICTION OVER THIS PROJECT. CONTRACTOR IS TO CONSULT WITH OWNER/ARCHITECT REGARDING ANY PORTIONS OF THE DOCUMENTS THAT DO NOT COMPLY WITH SUCH CODES/ORDINANCES.
6. THE REQUIRED PRE-ENGINEERED PRE-CAST WALL PANEL DESIGN AND CONSTRUCTION ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR UNDER DESIGNATED DESIGN REQUIREMENTS. REFER TO STRUCTURAL AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING THIS WORK.
7. DIMENSIONS:
   1. TO PARTITIONS ARE TO FACE OF PARTITION U.O.N.
   2. DIMENSIONS TO ALUM. WINDOW AND STOREFRONT ENTRY ARE TO CENTER LINE OF WINDOW/STOREFRONT ENTRY UNIT U.O.N.
   3. REFER TO DOOR AND WINDOW DETAILS, ELEVATIONS, ETC. FOR ROUGH OPENING REQUIREMENTS.



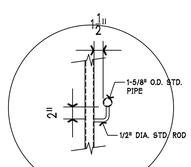
S1 / A1 A2 EXTERIOR STAIR
SCALE 1/4" = 1'-0"



S2 / A1 A2 EXTERIOR STAIR
SCALE 1/4" = 1'-0"



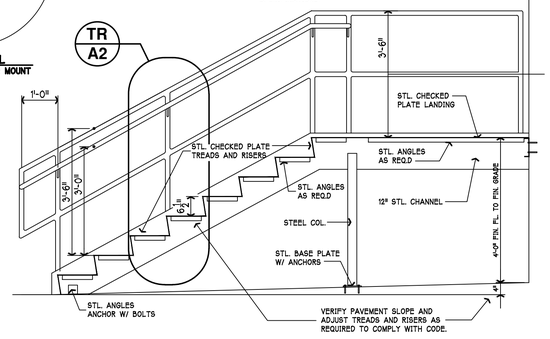
TR / A2 STAIR DETAIL
SCALE 1" = 1'-0"



HANDRAIL DETAIL
SCALE 1" = 1'-0" **SIDE MOUNT**

STAIR NOTES:

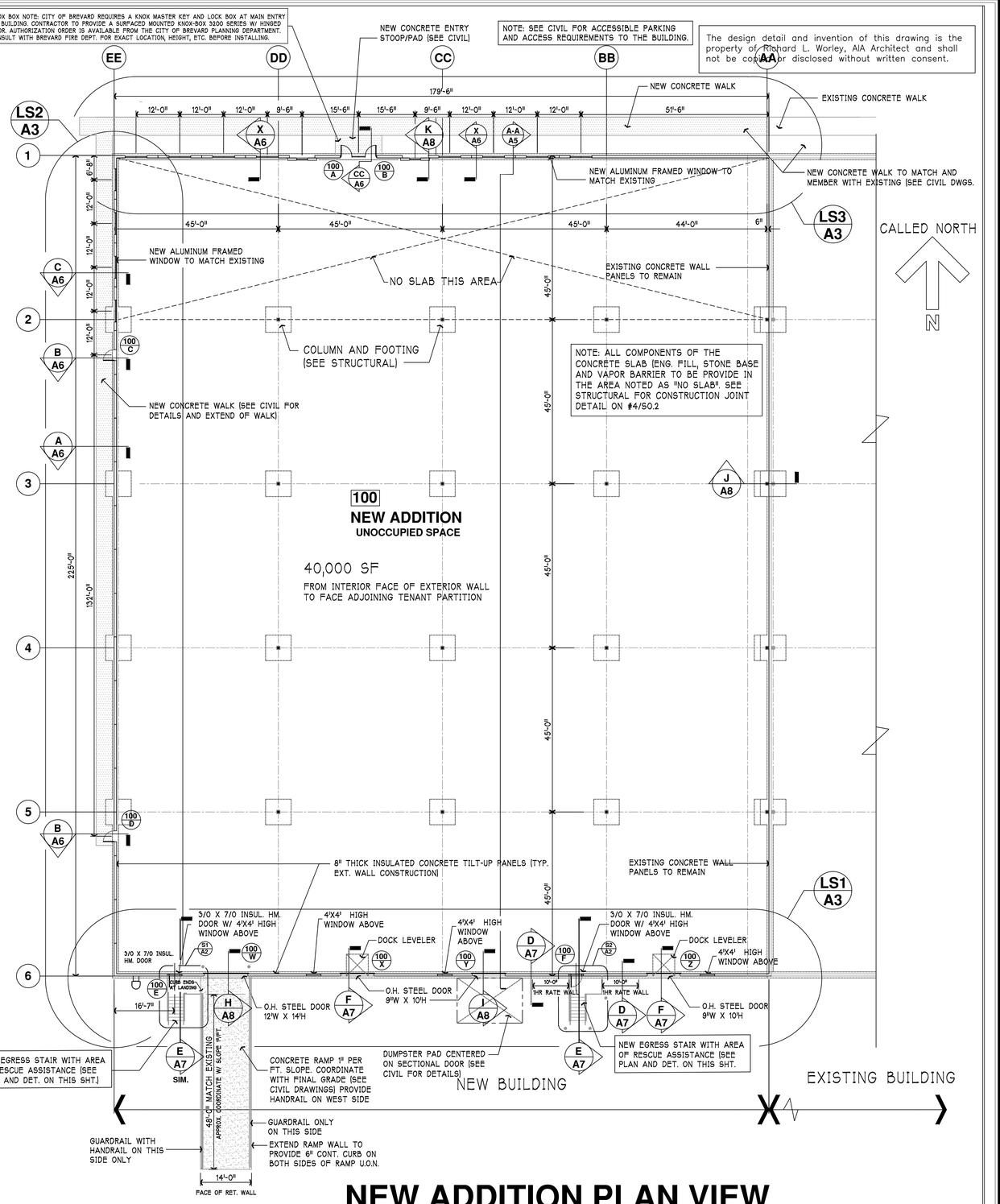
1. STAIR DRAWINGS ARE PROVIDED AS INITIAL DESIGN CONCEPT AND INTENDED TO MATCH EXISTING STAIRS UNLESS ISSUES REGARDING CODES OR SITE CONDITION ALTERS THIS INTENT. ANY ALTERATIONS ARE TO BE COORDINATED WITH OWNER/ARCH BEFORE PROCEEDING WITH DESIGN AND SO NOTED ON SHOP DRAWINGS.
2. FINAL STAIR DESIGN SHALL BE DESIGNED BY SUPPLIER WITH SEALED CALCULATIONS INDICATING DESIGN COMPLIES WITH ALL NC BUILDING CODE REQUIREMENTS.
3. ALL STAIR COMPONENTS ARE TO BE SHOP ASSEMBLED AND SHOP PRIMED AFTER FABRICATION.
4. ALTHOUGH LANDINGS ARE TO BE FLUSH WITH FINISH FLOOR, FABRICATE STAIR TO PROVIDE POSITIVE WATER DRAINAGE IN ACCORDANCE WITH CODE REQUIREMENTS.
5. SEE PROJECT MANUAL FOR METAL FLOOR PLATE STAIRS SPECIFICATIONS.



X-X / A2 EXTERIOR STAIR SECTION
SCALE 1/2" = 1'-0"

KNOX BOX NOTE: CITY OF BREVARD REQUIRES A KNOX MASTER KEY AND LOCK BOX AT MAIN ENTRY TO BUILDING. CONTRACTOR TO PROVIDE A SURFACED MOUNTED KNOX-BOX 3200 SERIES W/ HINGED DOOR. AUTHORIZATION ORDER IS AVAILABLE FROM THE CITY OF BREVARD PLANNING DEPARTMENT. CONSULT WITH BREVARD FIRE DEPT. FOR EXACT LOCATION, HEIGHT, ETC. BEFORE INSTALLING.

NOTE: SEE CIVIL FOR ACCESSIBLE PARKING AND ACCESS REQUIREMENTS TO THE BUILDING.



NEW ADDITION PLAN VIEW

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

FILE NAME: RLW98.dwg

RICHARD L. WORLEY
ARCHITECT A.I.A.
4078 HAYWOOD ROAD – MILLS RIVER, NORTH CAROLINA 28759

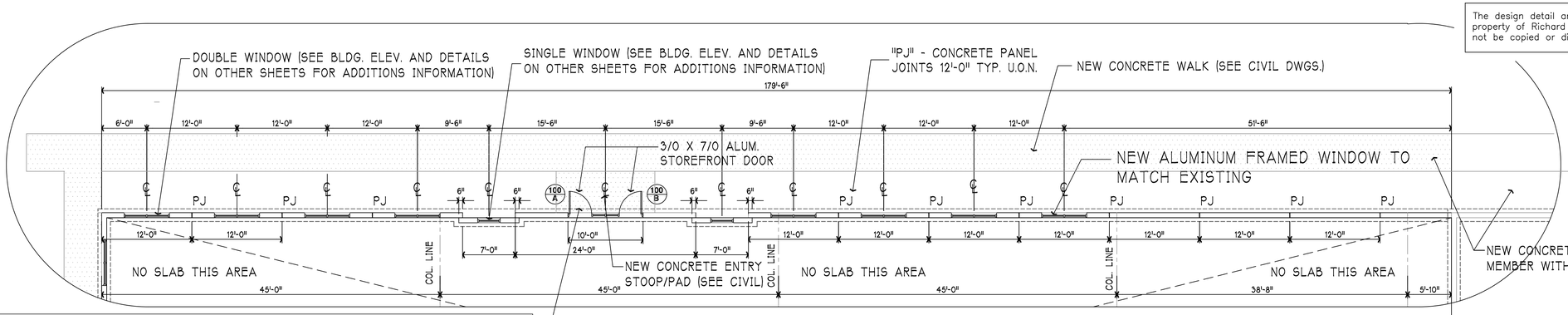
AN ADDITION TO
THE TRANSYLVANIA COUNTY ECONOMIC ALLIANCE
BREVARD, NORTH CAROLINA

SYLVAN VALLEY INDUSTRIAL PARK

RICHARD L. WORLEY
REGISTERED
3100
ARCHITECT
NORTH CAROLINA
SOUTH FOREST, N.C.

DATE 4 APR 2024

SHEET A2

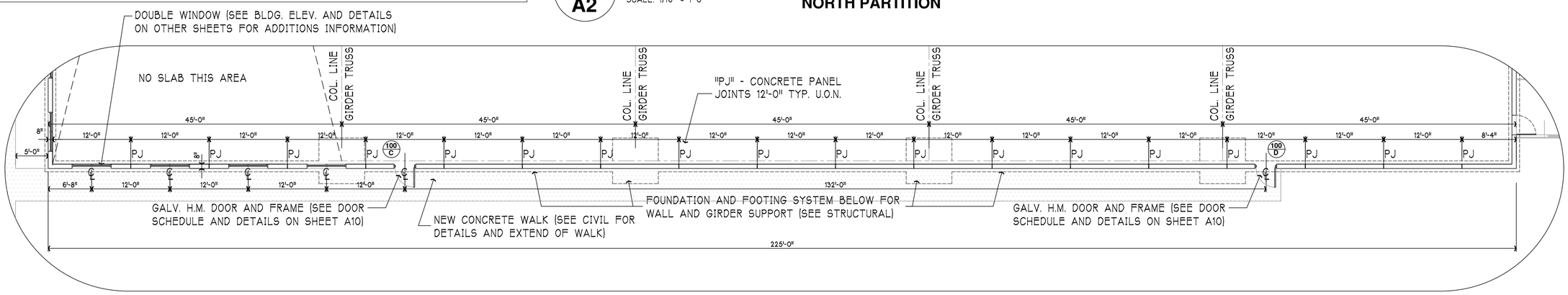


KNOX BOX NOTE: CITY OF BREVARD REQUIRES A KNOX MASTER KEY AND LOCK BOX AT MAIN ENTRY TO BUILDING. CONTRACTOR TO PROVIDE A SURFACED MOUNTED KNOX-BOX 3200 SERIES W/ HINGED DOOR. AUTHORIZATION ORDER IS AVAILABLE FROM THE CITY OF BREVARD PLANNING DEPARTMENT. CONSULT WITH BREVARD FIRE DEPT. FOR EXACT LOCATION, HEIGHT, ETC. BEFORE INSTALLING.

NEW ADDITION ⟨ X ⟩ **EXISTING BUILDING**

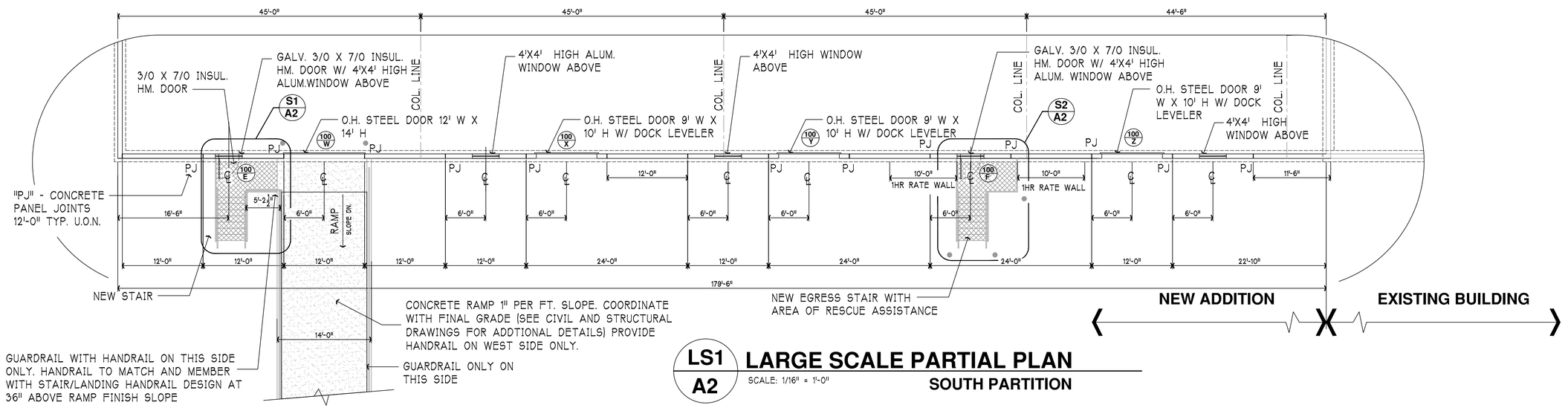
LS3 / A2 LARGE SCALE PARTIAL PLAN

SCALE: 1/16" = 1'-0" — **NORTH PARTITION**



LS2 / A2 LARGE SCALE PARTIAL PLAN

SCALE: 1/16" = 1'-0" — **WEST PARTITION**



NEW ADDITION ⟨ X ⟩ **EXISTING BUILDING**

LS1 / A2 LARGE SCALE PARTIAL PLAN

SCALE: 1/16" = 1'-0" — **SOUTH PARTITION**

FILE NAME: RLW98.dwg

RICHARD L. WORLEY
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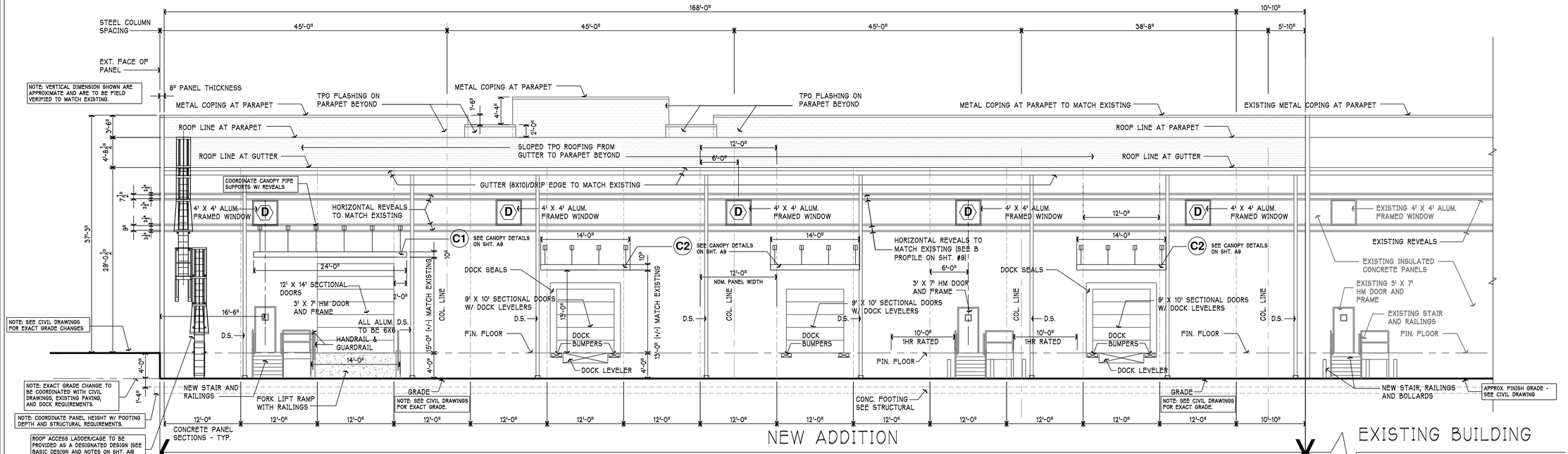
AN ADDITION TO
THE TRANSYLVANIA COUNTY ECONOMIC ALLIANCE PARK
SYLVAN VALLEY INDUSTRIAL PARK
BREVARD, NORTH CAROLINA

RICHARD L. WORLEY 3708 NORTH CAROLINA REGISTERED ARCHITECT BREVARD, NC

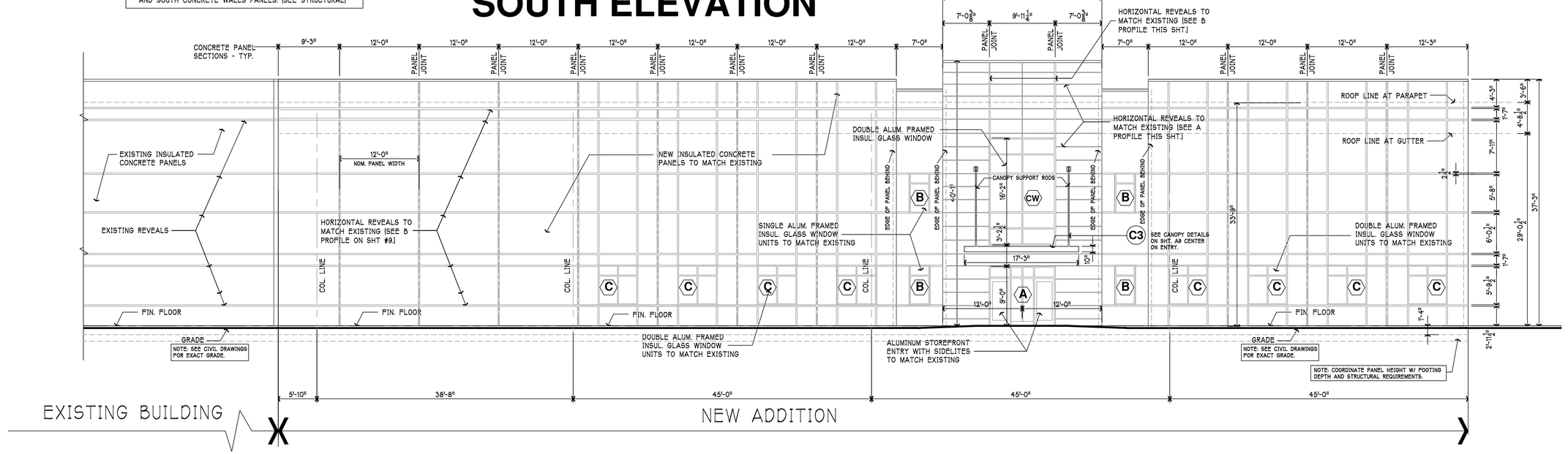
DATE 4 APR 2024

SHEET **A3**



NOTE: ROOF TRUSSES TO BE SUPPORTED BY THE NORTH AND SOUTH CONCRETE WALLS PANELS. (SEE STRUCTURAL)

SOUTH ELEVATION



NORTH ELEVATION

NORTH AND SOUTH BUILDING ELEVATION

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

FILE NAME: RLW98.dwg

RICHARD L. WORLEY
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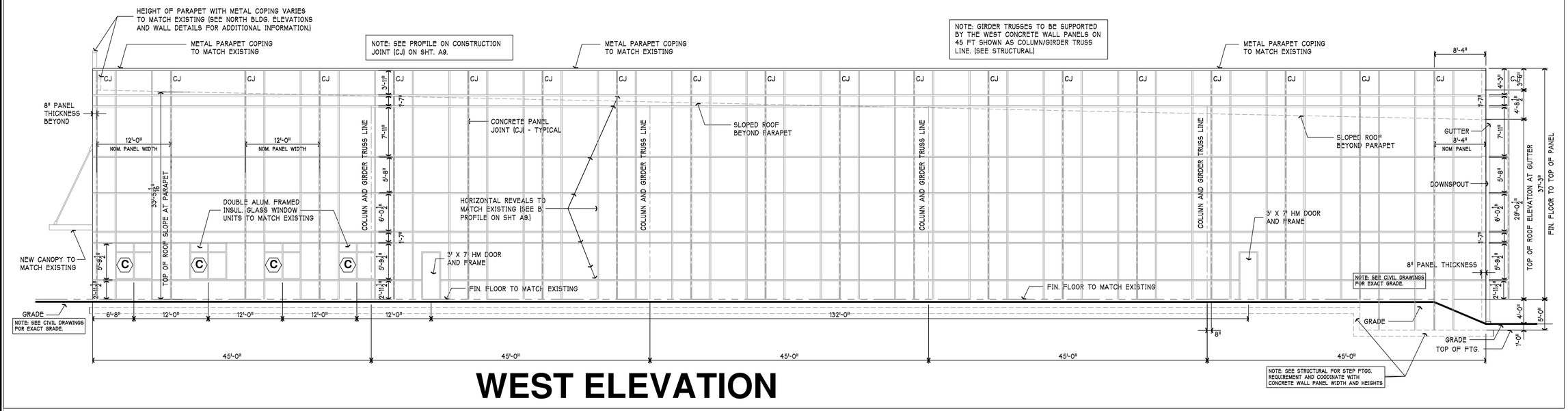
4078 HAYWOOD ROAD – MILLS RIVER, NORTH CAROLINA 28759

AN ADDITION TO
THE TRANSYLVANIA COUNTY ECONOMIC ALLIANCE
SYLVAN VALLEY INDUSTRIAL PARK
BREVARD, NORTH CAROLINA

DATE 4 APR 2024

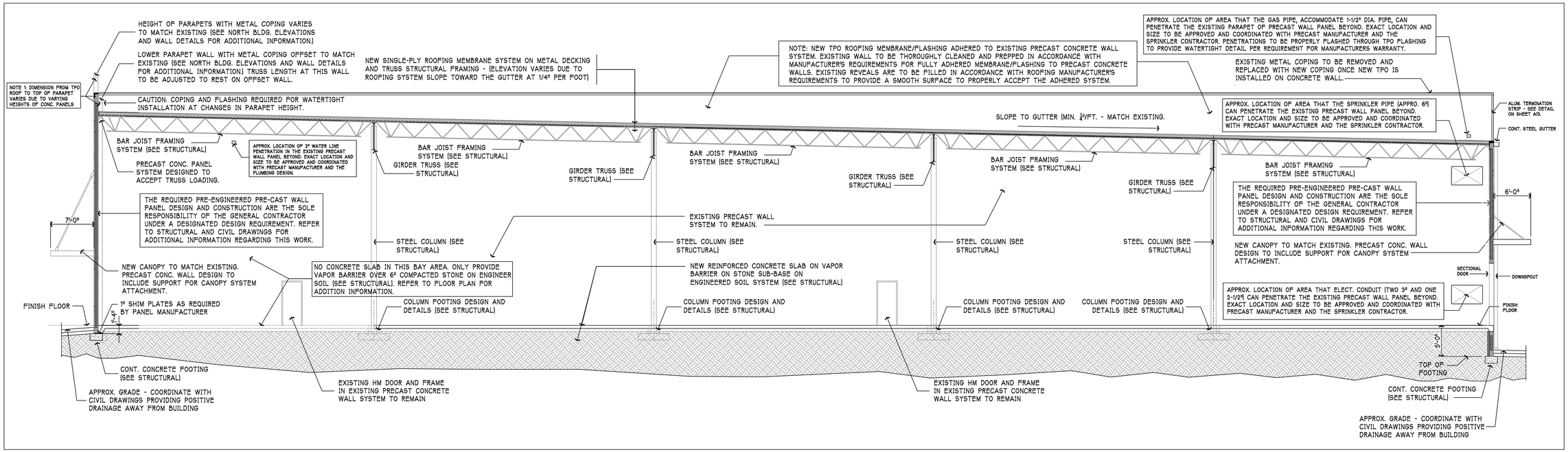
SHEET A4



WEST ELEVATION

WEST BUILDING ELEVATION

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



BUILDING SECTION

A-A
A2

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

FILE NAME: RLW98.dwg

RICHARD L. WORLEY
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AN ADDITION TO
THE TRANSYLVANIA COUNTY ECONOMIC ALLIANCE

SYLVAN VALLEY INDUSTRIAL PARK

BREVARD, NORTH CAROLINA

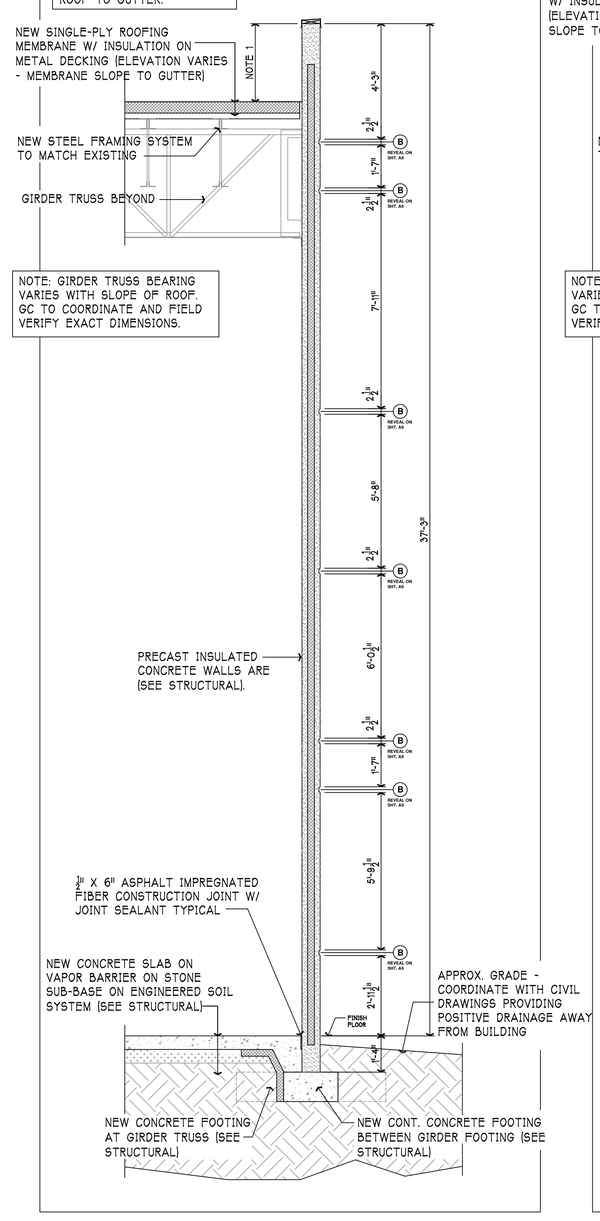
RICHARD L. WORLEY
REGISTERED
ARCHITECT
NORTH CAROLINA
SYLVA, N.C.

DATE 4 APR 2024

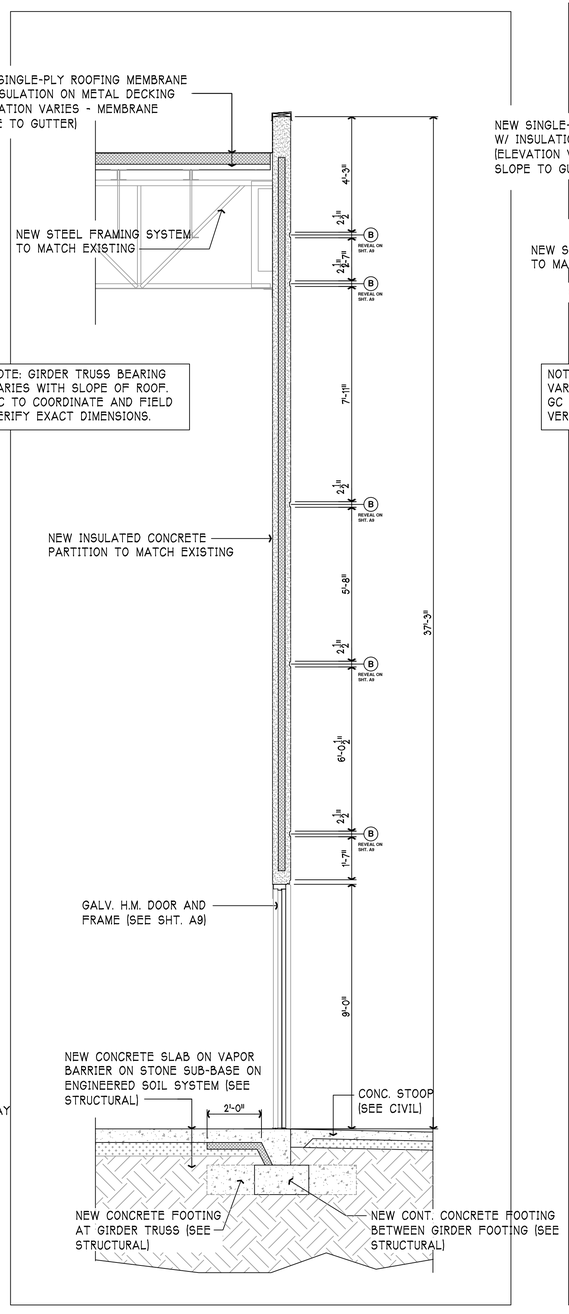
SHEET A5

NOTES:

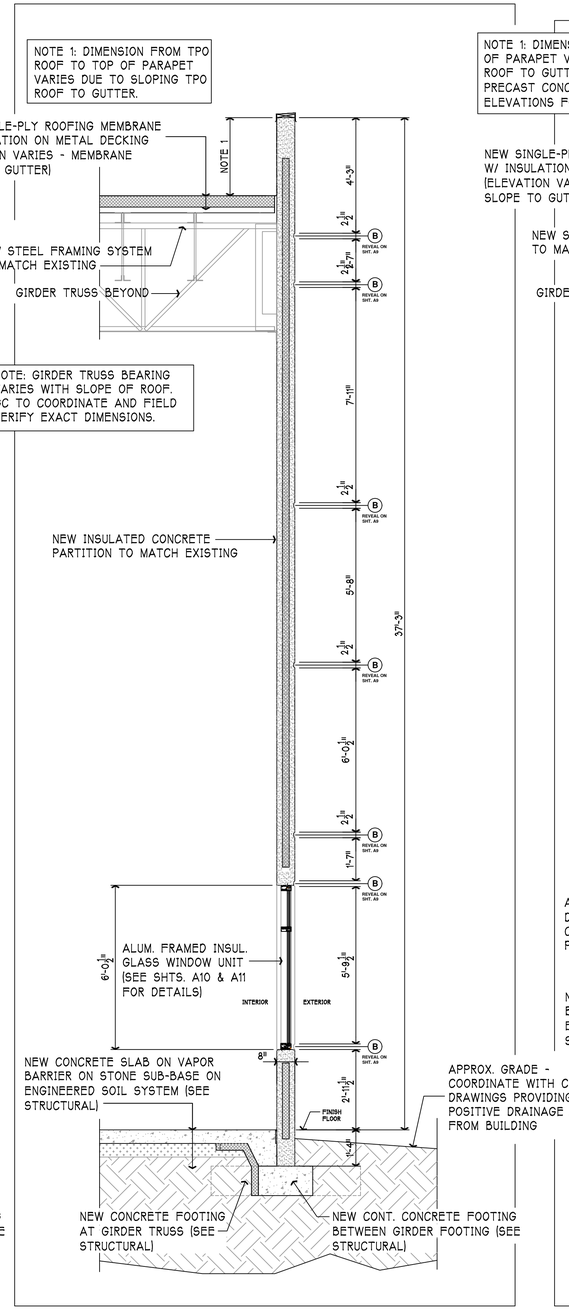
1. ALL DIM. INCLUDED BUT NOT LIMITED TO THE REVEALS, PANEL WIDTHS/HEIGHT, DECK BEARING ELEVATION, ETC. ARE TO BE VERIFIED BY THE CONTRACTOR AND COORDINATED WITH ALL TRADES.
2. THE REQUIRED PRE-ENGINEERED PRE-CAST WALL PANEL DESIGN AND CONSTRUCTION ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR UNDER A DESIGNATED DESIGN REQUIREMENT. REFER TO STRUCTURAL AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING THIS WORK.



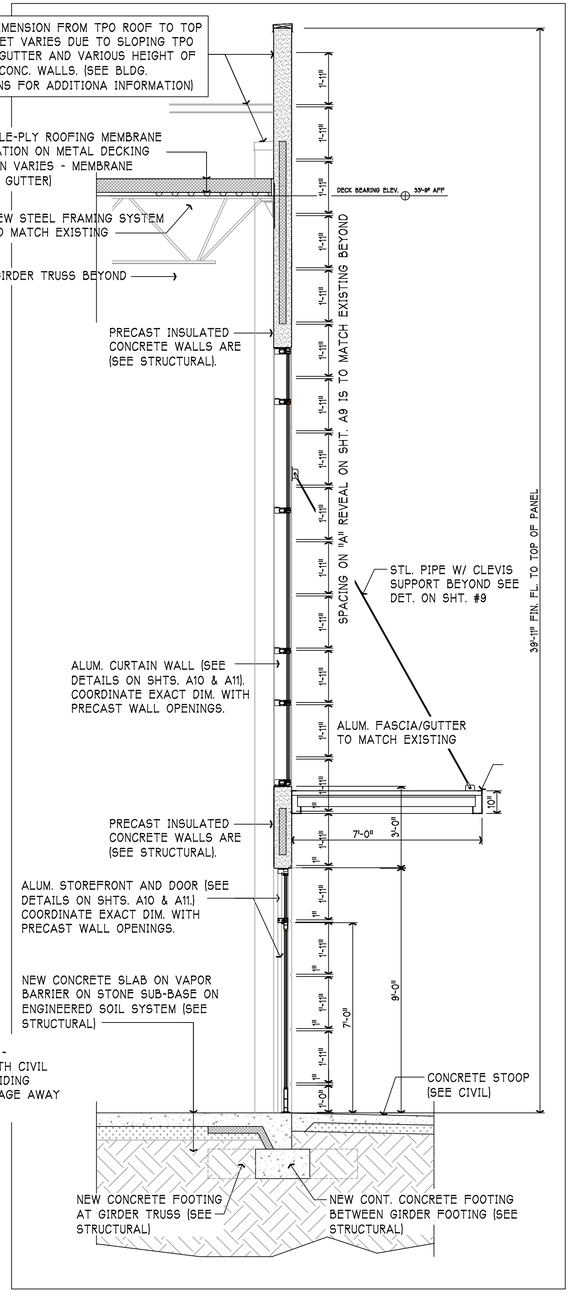
A/A2 **WALL SECTION** — TYPICAL WEST WALL
SCALE: 3/8" = 1'-0"



B/A2 **WALL SECTION** — WEST WALL AT H.M. DOOR
SCALE: 3/8" = 1'-0"



C/A2 **WALL SECTION** — W WALL AT ALUM. WINDOW
SCALE: 3/8" = 1'-0"



CC/A2 **WALL SECTION** — NORTH WALL AT ALUM. STOREFRONT
SCALE: 3/8" = 1'-0"

RICHARD L. WORLEY
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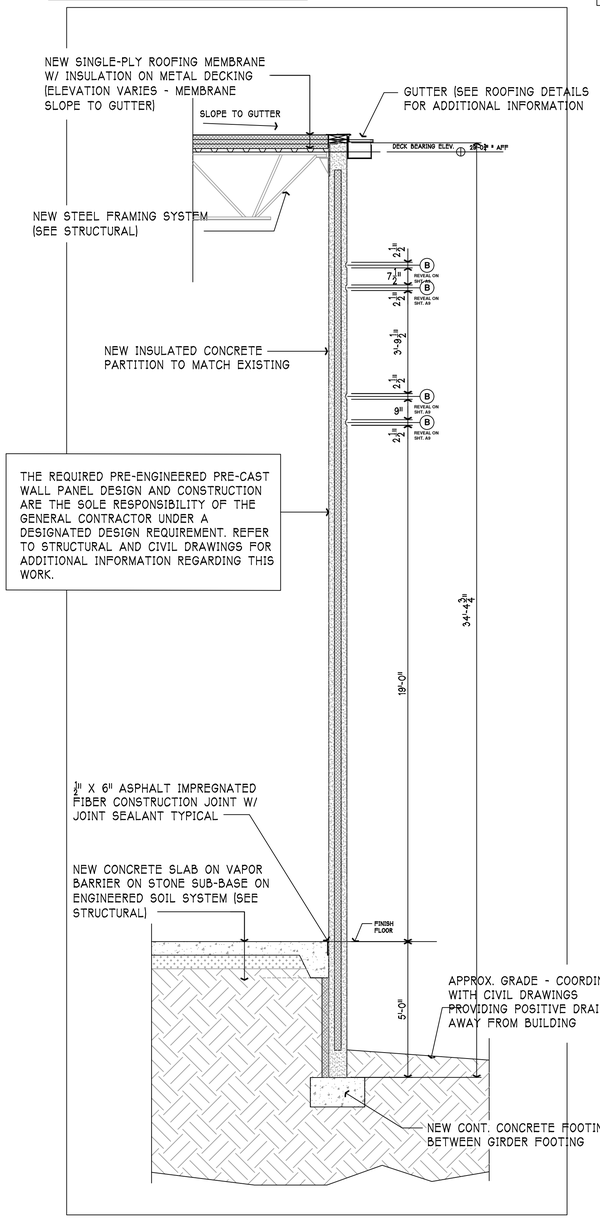
AN ADDITION TO
THE TRANSYLVANIA COUNTY ECONOMIC ALLIANCE
SYLVAN VALLEY INDUSTRIAL PARK
BREVARD, NORTH CAROLINA

DATE 4 APR 2024

SHEET **A6**

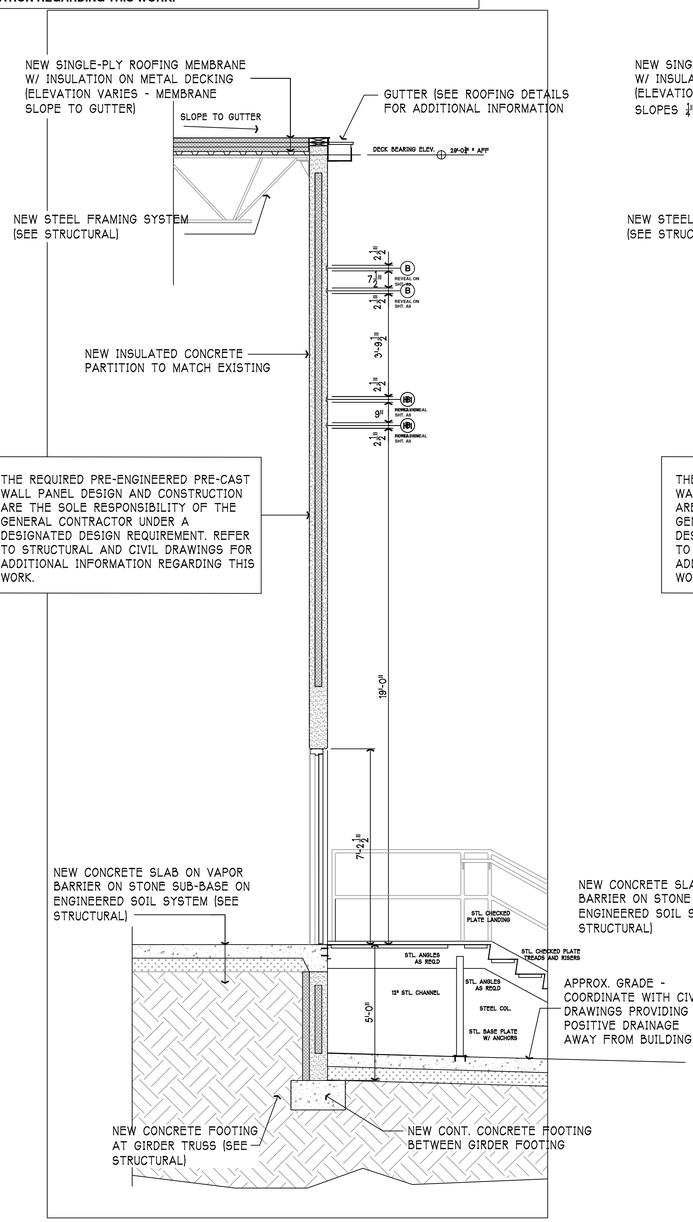
FILE NAME: RLW98.dwg

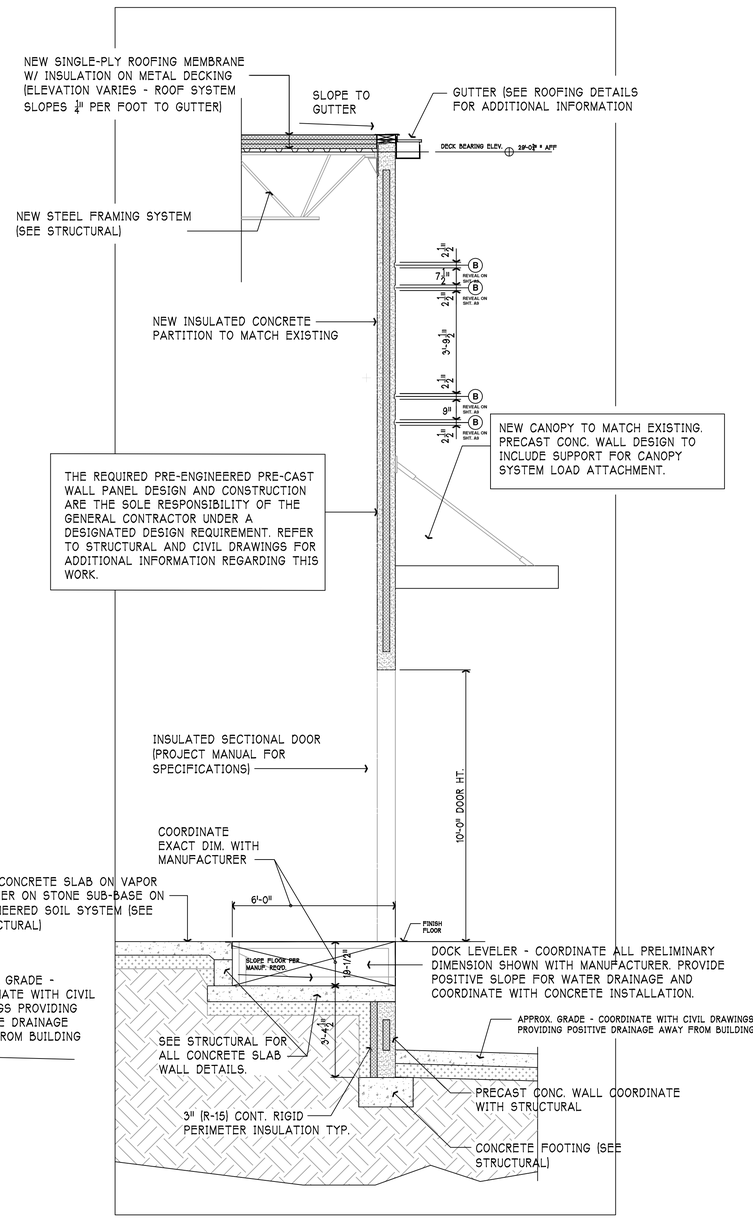
NOTE: ALL DIM. INCLUDED BUT NOT LIMITED TO THE REVEALS, PANEL WIDTHS/HEIGHT, ETC. ARE TO BE VERIFIED BY THE CONTRACTOR AND COORDINATED WITH ALL TRADES.



NOTES:

1. ALL DIM. INCLUDED BUT NOT LIMITED TO THE REVEALS, PANEL WIDTHS/HEIGHT, DECK BEARING ELEVATION, ETC. ARE TO BE VERIFIED BY THE CONTRACTOR AND COORDINATED WITH ALL TRADES.
2. THE REQUIRED PRE-ENGINEERED PRE-CAST WALL PANEL DESIGN AND CONSTRUCTION ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR UNDER A DESIGNATED DESIGN REQUIREMENT. REFER TO STRUCTURAL AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING THIS WORK.





D / A2 **WALL SECTION**
SCALE: 3/8" = 1'-0" **TYPICAL AT SOUTH DOCK WALL**

E / A2 **WALL SECTION**
SCALE: 3/8" = 1'-0" **H.M. DOORS AT STAIRS**

F / A2 **WALL SECTION**
SCALE: 3/8" = 1'-0" **SECTIONAL DOOR AT DOCK LEVELER**

FILE NAME: RLW98.dwg

RICHARD L. WORLEY
ARCHITECT A.I.A.
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AN ADDITION TO
THE TRANSYLVANIA COUNTY ECONOMIC ALLIANCE
SYLVAN VALLEY INDUSTRIAL PARK
BREVARD, NORTH CAROLINA

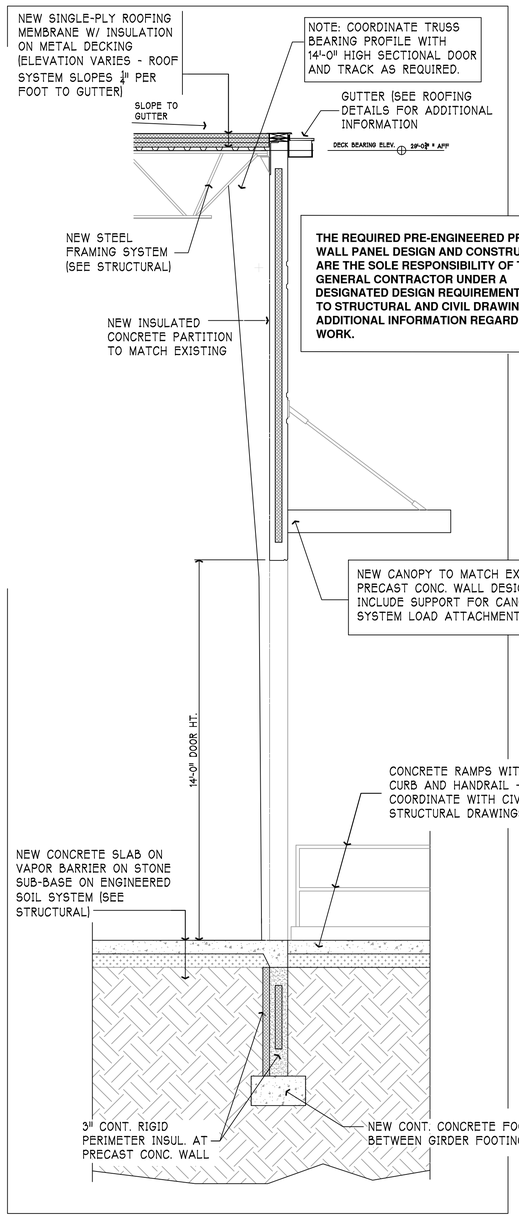
RICHARD L. WORLEY — REGISTERED ARCHITECT — 30102 — SOUTH CAROLINA — PISGAH FOREST, N.C.

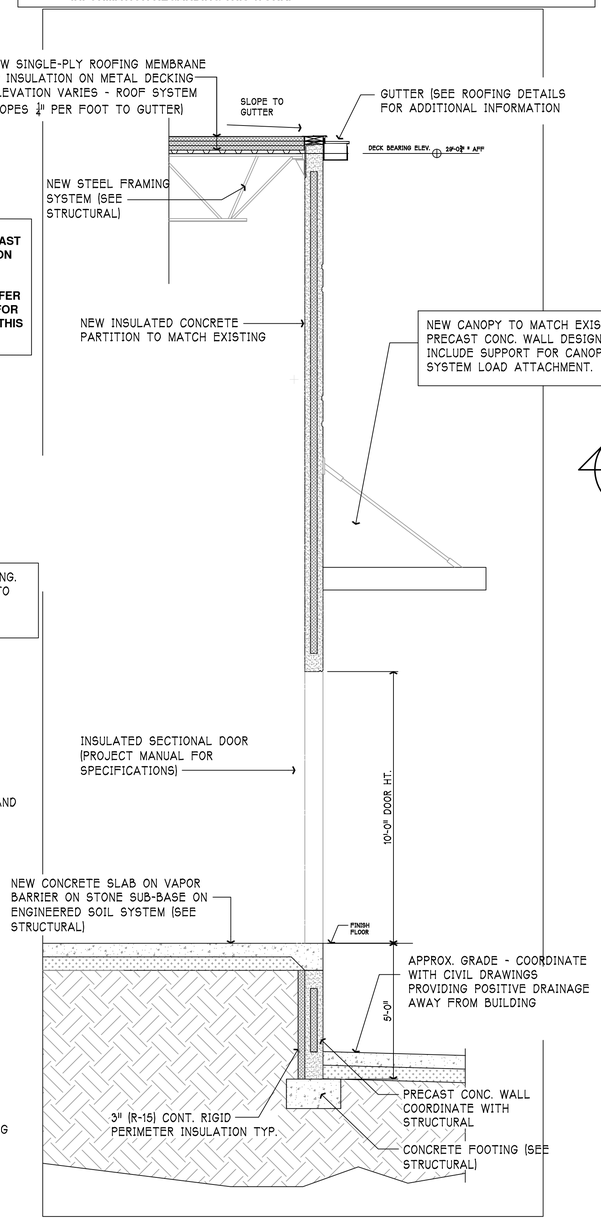
DATE 4 APR 2024

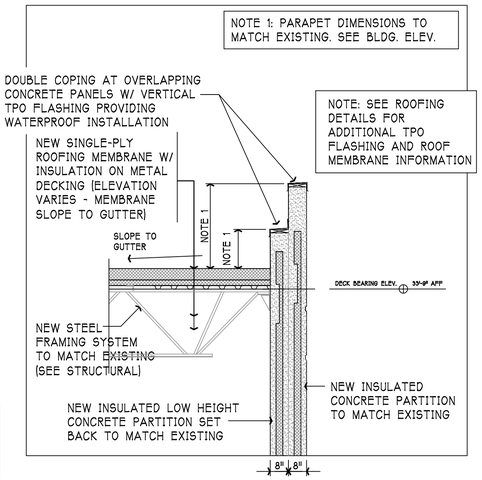
SHEET A7

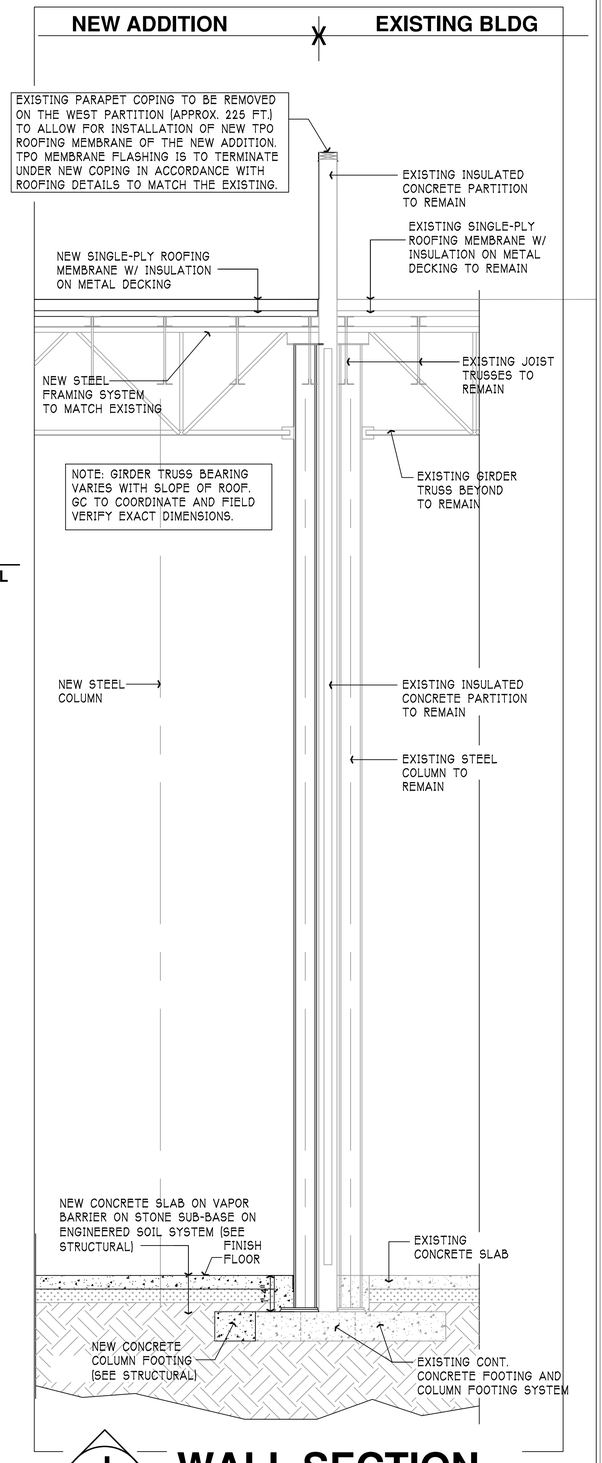
NOTES:

1. ALL DIM. INCLUDING BUT NOT LIMITED TO THE REVEALS, PANEL WIDTHS/HEIGHT, DECK BEARING ELEVATION, ETC. ARE TO BE VERIFIED BY THE CONTRACTOR AND COORDINATED WITH ALL TRADES.
2. THE REQUIRED PRE-ENGINEERED PRE-CAST WALL PANEL DESIGN AND CONSTRUCTION ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR UNDER A DESIGNATED DESIGN REQUIREMENT. REFER TO STRUCTURAL AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING THIS WORK.









K / A2 **PARTIAL WALL SECT.**
SCALE: 3/8" = 1'-0" **AT DOUBLE STACKED WALL**

H / A2 **WALL SECTION**
SCALE: 3/8" = 1'-0" **14 FT SECT. DOOR AT DOCK RAMP**

I / A2 **WALL SECTION**
SCALE: 3/8" = 1'-0" **AT SECT. DOOR AND DUMPSTER**

J / A2 **WALL SECTION**
SCALE: 3/8" = 1'-0" **AT EXISTING BUILDING**

RICHARD L. WORLEY
ARCHITECT A.I.A.
4078 HAYWOOD ROAD – MILLS RIVER, NORTH CAROLINA 28759

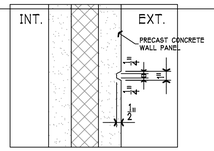
AN ADDITION TO
THE TRANSYLVANIA COUNTY ECONOMIC ALLIANCE
SYLVAN VALLEY INDUSTRIAL PARK
BREVARD, NORTH CAROLINA

RICHARD L. WORLEY REGISTERED ARCHITECT 3100 NORTH CAROLINA MILLS RIVER, N.C.

DATE 4 APR 2024

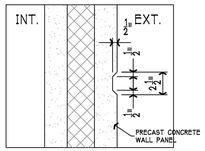
SHEET **A8**

FILE NAME: RLW98.dwg



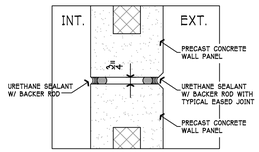
A REVEAL PROFILE

NOTE: COORDINATE ALL PROFILES WITH PRECAST CONCRETE MANUFACTURE TO MATCH AND MEMBER WITH EXISTING WALL PROFILES



B REVEAL PROFILE

NOTE: COORDINATE ALL PROFILES WITH PRECAST CONCRETE MANUFACTURE TO MATCH AND MEMBER WITH EXISTING WALL PROFILES



C TYP. CONST. JT.

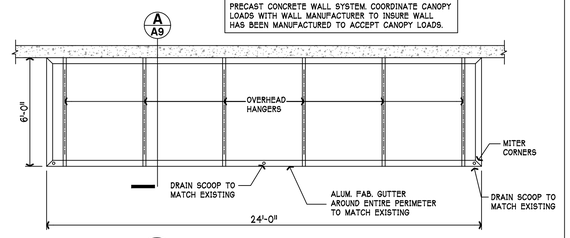
SIMILAR CJ TO USED AT ALL PRECAST CONC. JOINTS CREATED BY VARIOUS PANEL CONFIGURATIONS. COORDINATE CAULK AT ANY JOINT AT FIRE RATING.

MISC. SECTION

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

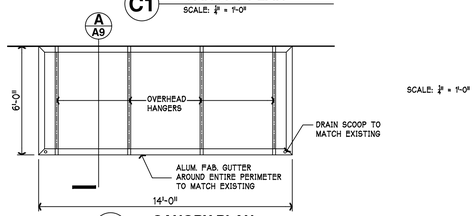
NOTES:
1. GENERAL CONTRACTOR AND ALUMINUM FRAME MANUFACTURER/INSTALLER TO VERIFY ALL DIMENSION AND COORDINATE DIMENSIONS WITH ALL OTHER TRADES INCLUDING BUT NOT LIMITED TO THE PRECAST CONCRETE WALL PANEL MANUFACTURER THAT WILL HAVE SPECIFIC REVEALS AND TAPERED SURFACES TO PROVIDE POSITIVE WATER DRAINAGE TO THE EXTERIOR OF THE BUILDING.
2. GENERAL CONTRACTOR TO COORDINATE EXACT CONSTRUCTION JOINT DIMENSIONS AND LOCATIONS WITH PRECAST CONCRETE WALL MANUFACTURER WHICH MAY VARY DURING FINAL FABRICATION PROCESS.

NOTE:
PRECAST CONCRETE WALL SYSTEM. COORDINATE CANOPY LOADS WITH WALL MANUFACTURER TO INSURE WALL HAS BEEN MANUFACTURED TO ACCEPT CANOPY LOADS.



C1 CANOPY PLAN

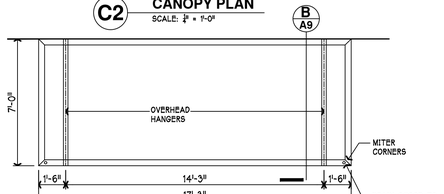
SCALE: 1/4" = 1'-0"



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

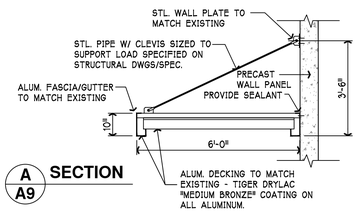
C2 CANOPY PLAN

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



C3 CANOPY PLAN

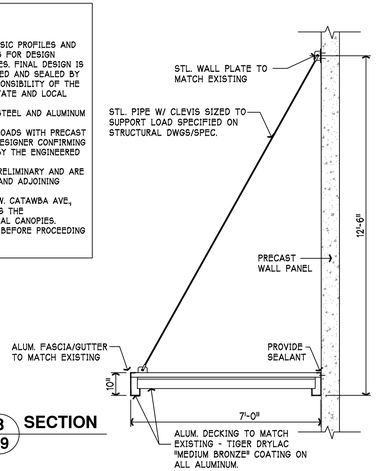
SCALE: 1/4" = 1'-0"



A A9 SECTION

CANOPY NOTES

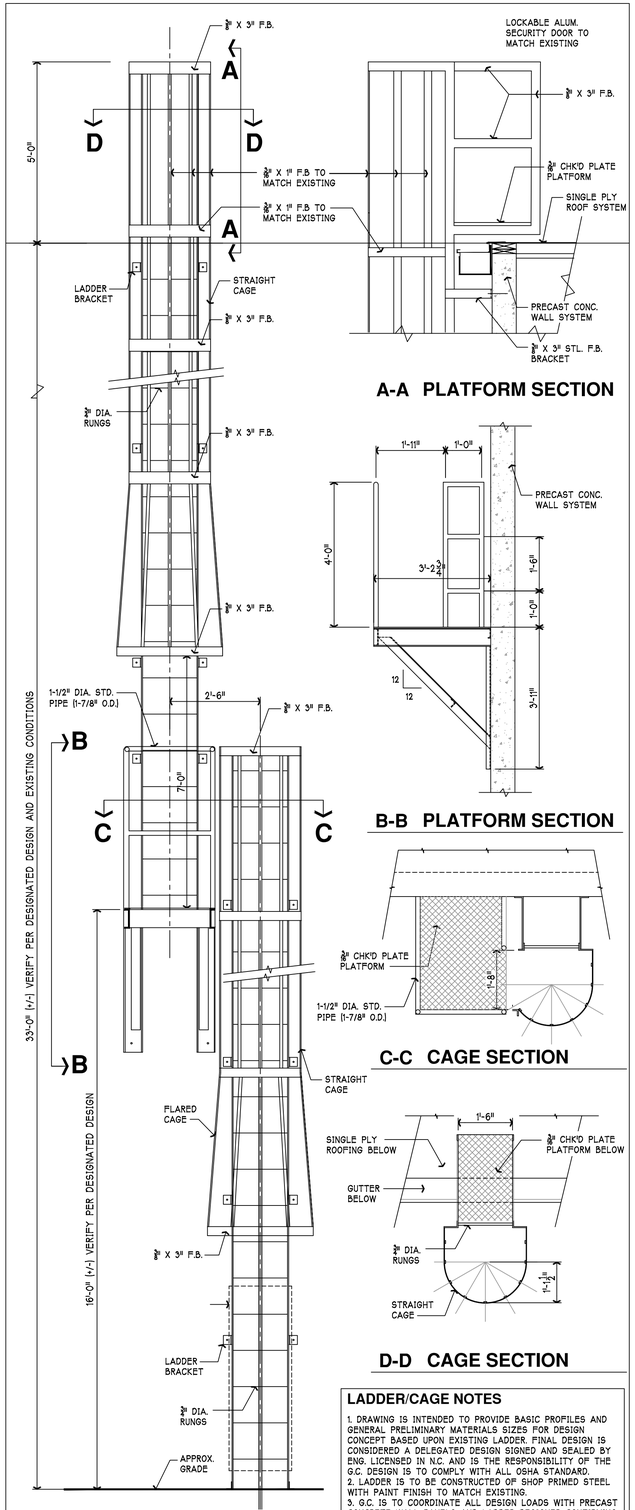
1. DRAWING IS INTENDED TO PROVIDE BASIC PROFILES AND GENERAL PRELIMINARY MATERIALS SIZES FOR DESIGN CONCEPT BASED UPON EXISTING CANOPIES. FINAL DESIGN IS CONSIDERED A DELEGATED DESIGN SIGNED AND SEALED BY ENG. LICENSED IN N.C. AND IS THE RESPONSIBILITY OF THE G.C. DESIGN IS TO COMPLY WITH ALL STATE AND LOCAL CODES.
2. CANOPY IS TO BE CONSTRUCTED OF STEEL AND ALUMINUM WITH FINISH TO MATCH EXISTING.
3. G.C. IS TO COORDINATE ALL DESIGN LOADS WITH PRECAST CONCRETE WALL PANELS AND CANOPY DESIGNER CONFIRMING THE LOADS ARE PROPERLY SUPPORTED BY THE ENGINEERED WALL SYSTEM.
4. ALL DIMENSIONS ARE PROVIDED AS PRELIMINARY AND ARE TO VERIFIED WITH ALL OTHER TRADES AND ADJOINING MATERIAL, CODE REQUIREMENTS, ETC.
5. RESOLUTE FABRICATORS, LLC, 18700 W. CATAWBA AVE., CORNELIUS, N.C. 28031 (704) 728-1249 WAS THE MANUFACTURER OF THE EXISTING/ORIGINAL CANOPIES.
6. SUBMIT SHOP DRAWINGS FOR REVIEW BEFORE PROCEEDING WITH FABRICATION.



B A9 SECTION

CANOPY PLANS SECTIONS AND DET.

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



A-A PLATFORM SECTION

B-B PLATFORM SECTION

C-C CAGE SECTION

D-D CAGE SECTION

ROOF LADDER ELEVATION

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

LADDER/CAGE NOTES

1. DRAWING IS INTENDED TO PROVIDE BASIC PROFILES AND GENERAL PRELIMINARY MATERIALS SIZES FOR DESIGN CONCEPT BASED UPON EXISTING LADDER. FINAL DESIGN IS CONSIDERED A DELEGATED DESIGN SIGNED AND SEALED BY ENG. LICENSED IN N.C. AND IS THE RESPONSIBILITY OF THE G.C. DESIGN IS TO COMPLY WITH ALL OSHA STANDARD.
2. LADDER IS TO BE CONSTRUCTED OF SHOP PRIMED STEEL WITH PAINT FINISH TO MATCH EXISTING.
3. G.C. IS TO COORDINATE ALL DESIGN LOADS WITH PRECAST CONCRETE WALL PANELS AND LADDER DESIGNER CONFIRMING THE LOADS ARE PROPERLY SUPPORTED BY THE ENGINEERED WALL SYSTEM.
4. ALL DIMENSIONS ARE PROVIDED AS PRELIMINARY AND ARE TO VERIFIED WITH ALL OTHER TRADES AND ADJOINING MATERIAL, CODE REQUIREMENTS, ETC.

FILE NAME: RLW98.dwg

RICHARD L. WORLEY
ARCHITECT A.I.A.
4078 HAYWOOD ROAD – MILLS RIVER, NORTH CAROLINA 28759

AN ADDITION TO
THE TRANSYLVANIA COUNTY ECONOMIC ALLIANCE

SYLVAN VALLEY INDUSTRIAL PARK

BREVARD, NORTH CAROLINA

DATE 4 APR 2024

SHEET **A9**

DOOR & FRAME SCHEDULE

SPECIAL NOTES	DOOR NUMBER	DOOR SIZE PAIR	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THICKNESS	DOOR MATERIAL	DOOR TYPE	GLASS WIDTH	GLASS HEIGHT	LOUVER WIDTH	LOUVER HEIGHT	FRAME TYPE	FRAME MATERIAL	FRAME DETAIL HEAD	FRAME DETAIL JAMB	FRAME DETAIL THRESHOLD	HARDWARE SET	FIRE LABEL - DOOR & FRAME	REMARKS	REMARKS:
2	100A		3'-0"	7'-0"	1-3/4"	AL	3					X	AL	X	X		1	X		INSUL. TEMP. GL. DR.
2	100B		3'-0"	7'-0"	1-3/4"	AL	3					X	AL	X	X		1	X		INSUL. TEMP. GL. DR.
X	100C		3'-0"	7'-0"	1-3/4"	HM	1					X	HM	A	1		2	X		
X	100D		3'-0"	7'-0"	1-3/4"	HM	1					X	HM	A	1		2	X		
X	100E		3'-0"	7'-0"	1-3/4"	HM	2	10"	10"			X	HM	A	1		2	45		INSUL. TEMP. GL. DR.
X	100F		3'-0"	7'-0"	1-3/4"	HM	2	10"	10"			X	HM	A	1		2	45		INSUL. TEMP. GL. DR.
1	100W		12'-0"	14'-0"	2"	STL	4					X	X	B	2		X	X		
X	100X		9'-0"	10'-0"	2"	STL	5					X	X	B	2		X	X		
X	100Y		9'-0"	10'-0"	2"	STL	5					X	X	B	2		X	X		
X	100Z		9'-0"	10'-0"	2"	STL	5					X	X	B	2		X	X		

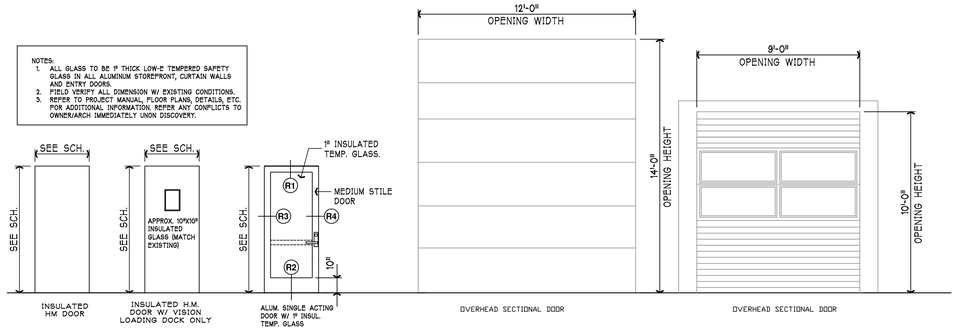
GENERAL DOOR/HARDWARE NOTES:

1. ALL EXTERIOR HM DOORS AND FRAMES TO BE GALVINIZED - SEE SPEC.
2. CAULK AROUND HM AND ALUM DOOR FRAMES AT DISSIMILAR MATERIALS. SEE DETAILS.
3. .
4. .
5. .
6. .

SPECIAL DOOR/HARDWARE NOTES:

1. ALTERNATE #1: DOOR TO INCLUDE LIFTMASTER HEAVY DUTY DOOR ELECTRIC OPERATOR W/ PUSH BUTTONS & REMOTE (SEE SECTIONAL DOOR SECTION OF SPEC).
2. SEE ALUMINUM DOOR AND FRAME DETAILS ON THIS SHT. AND A11 FOR ADDITIONAL INFORMATION.
3. .
4. .
5. .
6. .
7. .

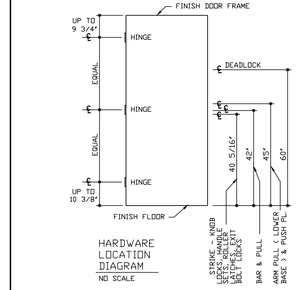
NOTES:
1. ALL GLASS TO BE 1" THICK LOW-E TEMPERED SAFETY GLASS IN ALL ALUMINUM STOREFRONT, CURTAIN WALLS AND ENTRY DOORS.
2. FIELD VERIFY ALL DIMENSION W/ EXISTING CONDITIONS.
3. REFER TO PROJECT MANUAL, FLOOR PLANS, DETAILS, ETC. FOR ADDITIONAL INFORMATION. REFER ANY CONFLICTS TO OWNER/ARCH IMMEDIATELY UNON DISCOVERY.



1 INSULATED HM DOOR
2 INSULATED H.M. DOOR W/ VISION LOADING DOCK ONLY
3 ALUM. SINGLE ACTING DOOR W/ 1" INSUL. TEMP. GLASS
4 OVERHEAD SECTIONAL DOOR
5 OVERHEAD SECTIONAL DOOR

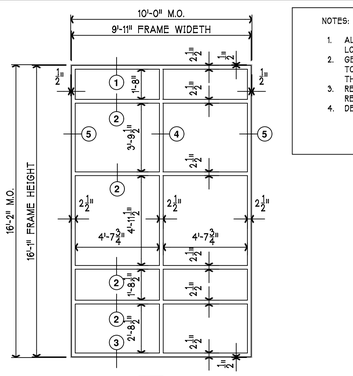
H.M. DOOR TYPES

SCALE 1/4" = 1'-0"



HARDWARE LOCATION DIAGRAM

NO SCALE



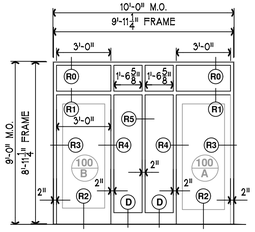
CW NOTE: TYPE SG SPANDREL GLASS REQUIRED IN ALL GLAZING WITHIN THE CURTAIN WALL (SEE GLAZING SPECS.)

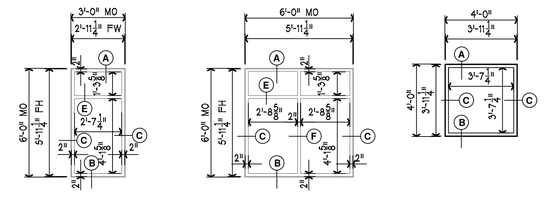
ALUM. CURTAIN WALL FRAME

SCALE 1/4" = 1'-0"

NOTES:
1. ALL GLASS TO BE 1" THICK LOW-E TEMPERED SAFETY GLASS IN ALL ALUMINUM STOREFRONT, CURTAIN WALL AND ENTRY DOORS AS REQUIRED BY NC BUILDING CODE. CLEARLY NOTE ALL LOCATION AND CONFIRM CODE COMPLIANCE. ALL OTHER GLASS NOT REQUIRED TO BE TEMPERED TO BE 1" THICK LOW-E GLASS.
2. GENERAL CONTRACTOR AND ALUMINUM FRAME MANUFACTURER/INSTALLER TO VERIFY ALL DIMENSION AND COORDINATE DIMENSIONS WITH ALL OTHER TRADES INCLUDING BUT NOT LIMITED TO THE PRECAST CONCRETE WALL PANEL MANUFACTURER THAT WILL HAVE SPECIFIC REVEALS AND TAPERED SURFACES TO PROVIDE POSITIVE WATER DRAINAGE TO THE EXTERIOR OF THE BUILDING.
3. REFER TO BUILDING ELEVATIONS AND WALL SECTIONS FOR ADDITIONAL INFORMATION REGARDING BUT NOT LIMITED TO LOCATIONS, WINDOW HEIGHTS, ETC. CONSULT WITH OWNER/ARCH REGARDING ANY DISCREPANCIES IMMEDIATELY UPON DISCOVERY.
4. DETAIL DESIGNATIONS REFER TO ALUM. CURTAIN WALL, STOREFRONT AND ENTRANCE DOORS DETAILS ON THIS SHEET AND A11.

NOTE: DETAIL DESIGNATION REFER TO ALUM. STOREFRONT & DR. DETAILS ON SHEET A11.





NOTE: DETAIL DESIGNATION REFER TO ALUM. STOREFRONT & DR. DETAILS ON SHEET A11.

NOTE: TYPE TG GLASS REQUIRED IN ALL GLAZING EXCEPT CURTAIN WALL GLASS. (SEE GLAZING SPECS.)

A B C D

ALUMINUM WINDOW AND DOOR FRAMES

SCALE 1/4" = 1'-0"

FINISH SCHEDULE

SPECIAL NOTES	SPACE NUMBER	SPACE NAME	FLOOR 1	FLOOR 2	FLOOR 3	FLOOR 4	FLOOR 5	FLOOR 6	FLOOR 7	FLOOR 8	BASE 1	BASE 2	BASE 3	BASE 4	BASE 5	BASE 6	WALL 1	WALL 2	WALL 3	WALL 4	WALL 5	WALL 6	CLG 1	CLG 2	CLG 3	CLG 4	WSC'T 1	WSC'T 2	REMARKS	APPRX. CEILING HEIGHT
						EXPOSED CONSTRUCTION								NO BASE- EXPOSED CONSTR.								EXPOSED CONSTRUCTION				PAINTED EXPOSED CONSTR.	CERAMIC TILE			
1	100	UNOCCUPIED SPACE				6								6								6				4				VARIES

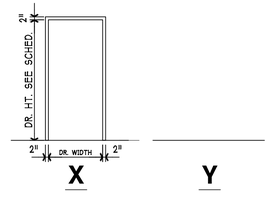
FINISH SCHEDULE "GENERAL NOTES":

1. REFER TO SPECIFICATIONS FOR ALL FINISHES INDICATED ON THE SCHEDULE.
2. .
3. .
4. .
5. .
6. .

FINISH SCHEDULE "SPECIAL NOTES":

1. CONCRETE FLOOR TO RECEIVE LIQUID FLOOR TREATMENT - SEE SPECIFICATIONS.
2. .
3. .
4. .
5. .
6. .
7. .

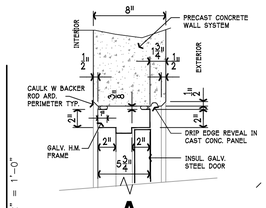
H.M. FRAME NOTES:
1. ALL H.M. FRAMES TO BE GALVANIZED, REFER TO PROJECT MANUAL.
2. COORDINATE ALL DIMENSIONS WITH OTHER TRADES.
3. CONSULT WITH OWNER/ARCH REGARDING ANY DISCREPANCIES IMMEDIATELY UPON DISCOVERY.



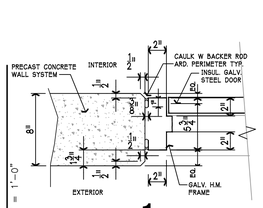
X Y

H.M. FRAME ELEVATION

SCALE 1/4" = 1'-0"



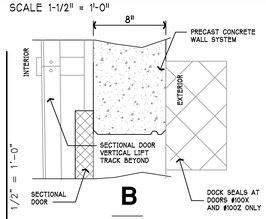
A HEAD DETAILS



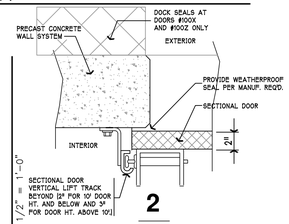
1 JAMB DETAILS

H.M. DOOR FRAME DET.

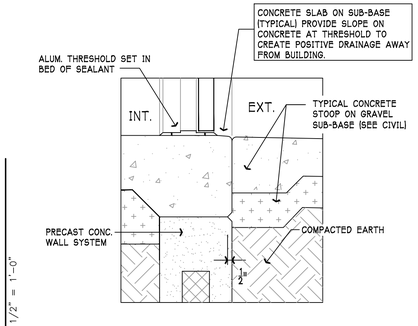
SCALE 1-1/2" = 1'-0"



B HEAD DETAILS



2 JAMB DETAILS



H.M. DOOR THRESHOLD DETAIL

SECTIONAL DOOR HEAD AND JAMB DET.

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

RICHARD L. WORLEY
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4078 HAYWOOD ROAD - MILLS RIVER, NORTH CAROLINA 28759

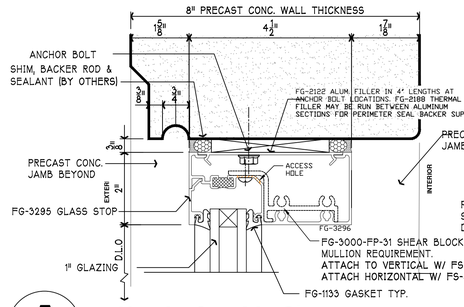
AN ADDITION TO
THE TRANSYLVANIA COUNTY ECONOMIC ALLIANCE
SYLVAN VALLEY INDUSTRIAL PARK
BREVARD, NORTH CAROLINA

RICHARD L. WORLEY — REGISTERED — 23700 — NORTH CAROLINA — BLACK FOREST, N.C.

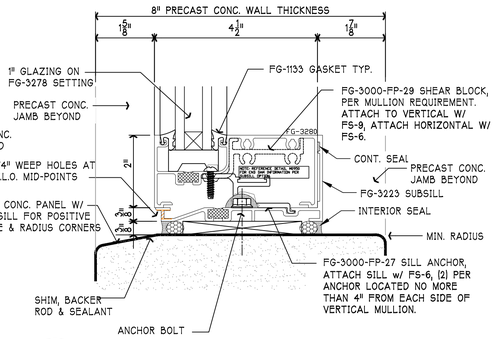
DATE 4 APR 2024

SHEET A10

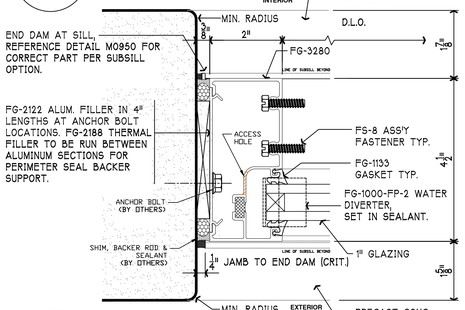
FILE NAME: RLW98.dwg



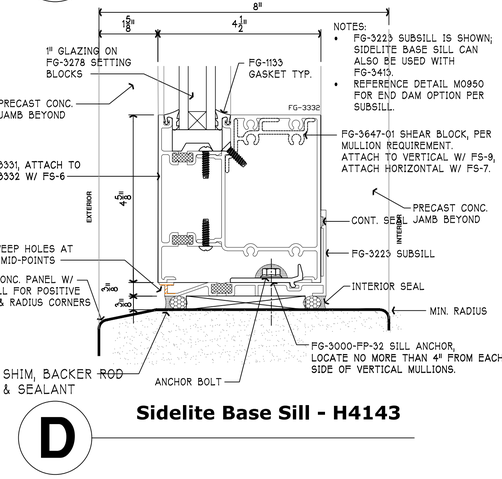
A Head - Outside Glazed - H4102



B Sill - H4109

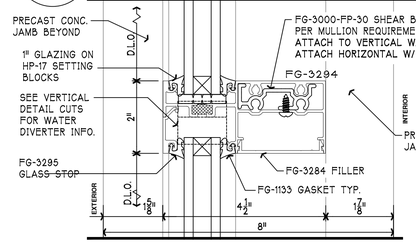


C Jamb - V4102

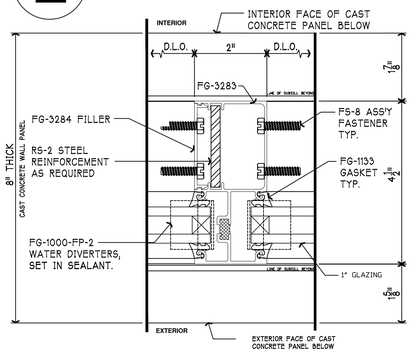


D Sidelite Base Sill - H4143

NOTES:
- FG-3223 SUBSILL IS SHOWN; SIDELITE BASE SILL CAN ALSO BE USED WITH FG-3412
- REFERENCE DETAIL M0950 FOR END DAM OPTION PER SUBSILL.



E Inter Horizontal - H4101



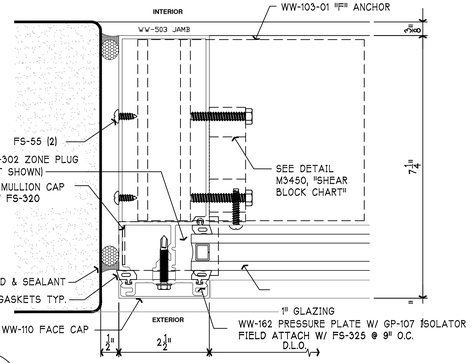
F Typical Vertical - V4106

ALUMINUM CURTAIN WALL, STOREFRONT AND ENTRANCE NOTES:

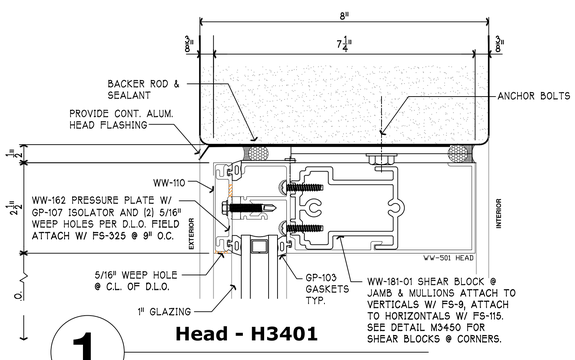
1. ALL GLASS TO BE 1" THICK LOW-E TEMPERED SAFETY GLASS IN ALL ALUMINUM STOREFRONT, CURTAIN WALL AND ENTRY DOORS.
2. GENERAL CONTRACTOR AND ALUMINUM FRAME MANUFACTURER/INSTALLER TO VERIFY ALL DIMENSION AND COORDINATE DIMENSIONS AND WALL OPENING PROFILES WITH ALL OTHER TRADES INCLUDING BUT NOT LIMITED TO THE PRECAST CONCRETE WALL PANEL MANUFACTURER THAT WILL HAVE SPECIFIC REVEALS AND TAPERED SURFACES TO PROVIDE POSITIVE WATER DRAINAGE TO THE EXTERIOR OF THE BUILDING.
3. BASIS OF DESIGN IS OLD CASTLE BUILDING ENVELOPE SYSTEM: A. FG3000 2" X 4-1/2" THERMALLY BROKE STOREFRONT FRAMING AND B. CURTAIN WALL RELIANCE 2-1/2" X 7-1/4" WITH ALL SYSTEMS INCLUDING A MIN. 5 YR. MATERIAL WARRANTY.
4. ALL ANCHOR BOLTS AND FASTENERS TO BE DESIGNED AND INSTALLED TO COMPLY WITH ALL CODE REQUIREMENTS AND STRUCTURAL REQUIREMENTS OUTLINED IN THE STRUCTURAL DRAWINGS/SPECIFICATION AND IN ACCORDANCE WITH ALUM. MANUFACTURER'S REQUIREMENTS FOR SPECIFICED WARRANTY.

ALUMINUM STOREFRONT DETAILS

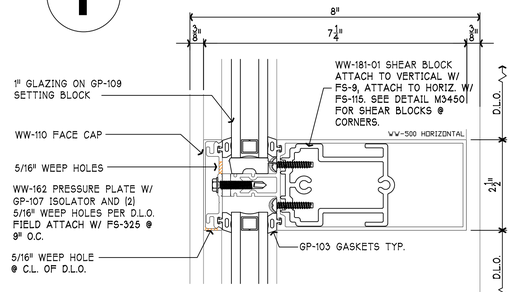
SCALE: 6" = 1'-0"



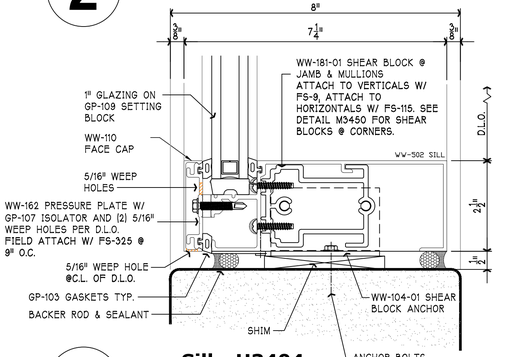
5 Jamb (Tubular) - V3408



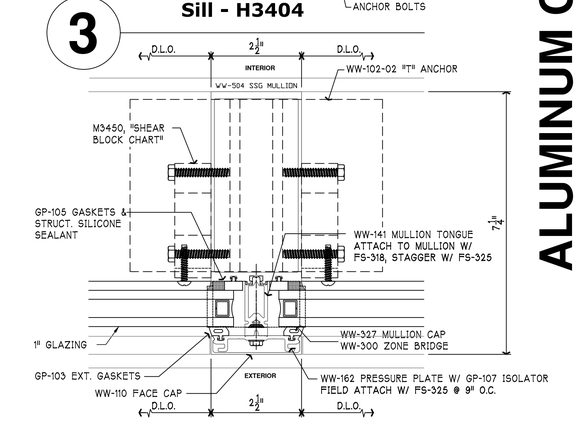
1 Head - H3401



2 Intermediate Horizontal - H3405



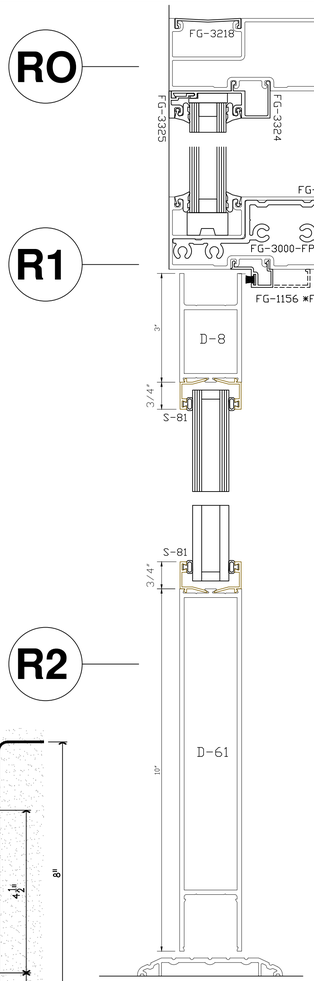
3 Sill - H3404

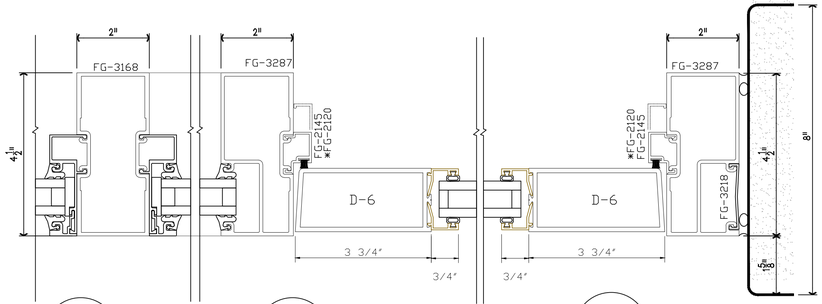


4 SSG Vertical at Transition - V3453

ALUMINUM ENTRANCE DETAILS

SCALE: 6" = 1'-0"





ALUMINUM CURTAIN WALL DETAILS

SCALE: 6" = 1'-0"

RICHARD L. WORLEY
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AN ADDITION TO
THE TRANSYLVANIA COUNTY ECONOMIC ALLIANCE
SYLVAN VALLEY INDUSTRIAL PARK
BREVARD, NORTH CAROLINA

DATE 4 APR 2024

SHEET A11

FILE NAME: RLW98.dwg

GENERAL ROOFING NOTES

A. GENERAL INSTALLATION:

1. Install roofing, insulation, flashings, and accessories in accordance with roofing Manufacturer's published instructions and recommendations for the specified TPO roofing system. Where Manufacturer provides no instructions or recommendations, follow National Roofing Contractors Association industry standards and SMACNA manual requirements. All work to comply with federal, state, and local codes and regulations.
2. Obtain all relevant manufacturer's instructions and procedures maintaining copies of such documentation at project site for duration of installation period.
3. Do not start work until Pre-Installation Notice has been approved by Owner and Manufacturer and that the Project qualifies for the specified Manufacturer's warranty.
4. Perform work using competent and properly equipped personnel with minimum 5 years of experience of the system installed on this project.
5. Temporary closures, which ensure that moisture does not damage any existing building areas as well as completed section of the new roofing system, are the responsibility of the Contractor. Completion of flashings, terminations, and temporary closures shall be completed as required to provide a watertight condition.
6. Install roofing membrane only when surfaces are clean, dry, smooth, and free of snow or ice. Do not apply roofing membrane during inclement weather or when ambient conditions will not allow proper application. Consult Manufacturer for recommended procedures during cold weather. Do not work with sealants and adhesives when material temperature is outside the range of 60 to 80 °F (15 to 25 °C).
7. Protect adjacent construction, property, vehicles, and persons from damage related to roofing work; repair or restore damage caused by roofing work.
8. Protect from spills and overspray from bitumen, adhesives, sealants, and coatings.
9. Particularly protect metal, glass, plastic, and painted surfaces from bitumen, adhesives, and sealants within the range of wind-borne overspray.
10. Protect finished areas of the roofing system from roofing related work traffic and traffic by other trades.
11. Until ready for use, keep materials in their original containers as labeled by the Manufacturer.
12. Consult membrane Manufacturer's instructions, container labels, and Safety Data Sheets (SDS) for specific safety instructions. Keep all adhesives, sealants, primers, and cleaning materials away from all sources of ignition.

Examination

1. Examine roof deck to determine that it is sufficiently rigid to support installers and their mechanical equipment, and that deflection will not strain or rupture roof components or deform deck.
2. Verify that surfaces and site conditions are ready to receive work. Correct defects in the substrate before commencing with roofing work. Verify that roof openings and penetrations are in place, curbs are set and braced, and roof-drain bodies are securely clamped in place.
3. Verify that wood blocking, curbs, and nailers are securely anchored to roof deck at penetrations and terminations and that nailers match thicknesses of insulation.
4. Examine roof substrate to verify that it is properly sloped to drains.
5. Verify that the specifications and drawing details are workable and not in conflict with the roofing Manufacturer's recommendations and instructions; start of work constitutes acceptance of project conditions and requirements.

Preparation

1. Prior to proceeding, prepare roof surface so that it is clean, dry, and smooth, and free of sharp edges, fins, roughened surfaces, loose or foreign materials, oil, grease, and other materials that may damage the membrane.
2. Fill all surface voids in the immediate substrate that are greater than 1/4" (6 mm) wide with fill material acceptable to membrane Manufacturer.
3. Seal, grout, or tape deck joints, where needed, to prevent seepage into building.

Insulation and Cover Board Installation

1. Install insulation in configuration and with attachment method(s) specified in strict accordance with manufacturer's requirement to comply with warranty, specifications and the NC Building Code for Brevard, NC.
2. Install only as much insulation as can be covered with the completed roofing system before the end of the day's work or before the onset of inclement weather.
3. Lay roof insulation in courses as specifically required by manufacturer to provide watertight installation and comply with all code requirement.
4. Neatly and tightly fit insulation to all penetrations, projections, and nailers, with gaps not greater than ¼" (6 mm). Fill gaps greater than ¼" (6 mm) with acceptable insulation. Do not leave the roofing membrane unsupported over a space greater than ¼" (6 mm).
5. Mechanical Fastening: Using specified fasteners and insulation plates engage fasteners through insulation into deck to depth and in pattern required by Factory Mutual for specified FM Class and membrane Manufacturer, whichever is more stringent.
6. Adhesive Attachment: Apply in accordance with membrane Manufacturer's instructions and recommendations.

Single-Ply Membrane Installation

1. Beginning roof membrane in strict accordance with manufacturer's instructions/requirements and in accordance with project specification, placing membrane without stretching over substrate and allow to relax before attachment or splicing; in colder weather allow for longer relax time.
2. Lay out the membrane pieces so that field and flashing splices are installed to shed water.
3. Install membrane without wrinkles and without gaps or fishmouths in seams, and bond and test seams and laps in accordance with membrane Manufacturer's instructions and details.
4. Mechanically Attached Membrane: Fasten membrane using membrane Manufacturer's recommended fasteners and plates, fastener spacing, and procedures.
5. Edge Securement: Secure membrane at all locations where membrane terminates or goes through an angle change greater than: 1:12 inches (8.3%) using mechanically fastened reinforced perimeter fastening strips, plates, or metal edging as indicated or as recommended by roofing Manufacturer. Exceptions: Round pipe penetrations less than 18" (460 mm) in diameter and square penetrations less than 4" (200 mm) square.
   a) Metal edging; ensure anchorage of membrane as intended by roofing Manufacturer and compliant with IBC.

F. FLASHING AND ACCESSORIES INSTALLATION

1. Install flashings, including laps, splices, joints, bonding, adhesion, and attachment, as required by membrane Manufacturer's recommendations and details. There are special flashing conditions that will require special attention by the manufacturer in indicate required details that will be fully warranted by the Manufacture.
2. Metal Accessories: Install metal edgings, gravel stops, and copings in locations indicated on the drawings, with horizontal leg of edge member over membrane and flashing over metal onto membrane.
   a) Follow roofing Manufacturer's instructions.
   b) Use weldable TPO-coated metal where membrane-to-metal connections occur.
   c) Remove protective plastic surface film immediately before installation.
   d) Install water block sealant under the membrane anchorage leg.
   e) Flash with Manufacturer's recommended flashing sheet unless otherwise indicated.
   f) Where single application of flashing will not completely cover the metal flange, install additional piece of flashing to cover the metal edge.
   g) If the roof edge includes a gravel stop and sealant is not applied between the laps in the metal edging, install an additional piece of self-adhesive flashing membrane over the metal lap to the top of the gravel stop; apply seam edge treatment at the intersections of the two flashing sections.
3. Roofing Expansion Joints to be Installed as recommended by roofing Manufacturer.
4. Flashing at Walls, Curbs, and Other Vertical and Sloped Surfaces:
   a) Install weathertight flashing at all walls, curbs, parapets, skylights, and other vertical and sloped surfaces that the roofing membrane abuts to; extend flashing at least 8" (200 mm) above membrane surface and/or as detailed.
   b) Use the longest practical flashing pieces.
   c) Evaluate the substrate and overlay and adjust installation procedure in accordance with membrane Manufacturer's recommendations.
   d) Complete the splice between flashing and the main roof sheet with manufacturer's required splice adhesive before adhering flashing to the vertical surface.
   e) Provide termination directly to the vertical substrate as shown on roof drawings.
5. Pipes, Round Supports, and Similar Items: Flash with specified pre-molded pipe flashings wherever practical; otherwise use specified self-curing elastomeric flashing.
7. Pipe Clusters and Unusual Shaped Penetrations: Provide penetration pocket at least 2" (50 mm) deep, with at least 1" (25 mm) clearance from penetration, sloped to shed water.
8. Structural Steel Tubing: If corner radii are greater than ¼" (6 mm) and longest side of tube does not exceed 12" (305 mm), flash as for pipes; otherwise, provide a standard curb with flashing.
9. Flexible and Moving Penetrations: Provide weathertight gooseneck set in sealant and secured to deck, flashed as recommended by Manufacturer.

G. Field Quality Control

1. Inspection by Manufacturer: Provide final inspection of the roofing system by a Technical Representative employed by roofing system Manufacturer specifically to inspect installation for warranty purposes (e.g., not a sales representative). This inspector is to provide a full report to the Owner/Architect of the inspection including but not limited to unacceptable issues that are to be corrected.
2. Perform all corrections necessary for issuance of warranty.

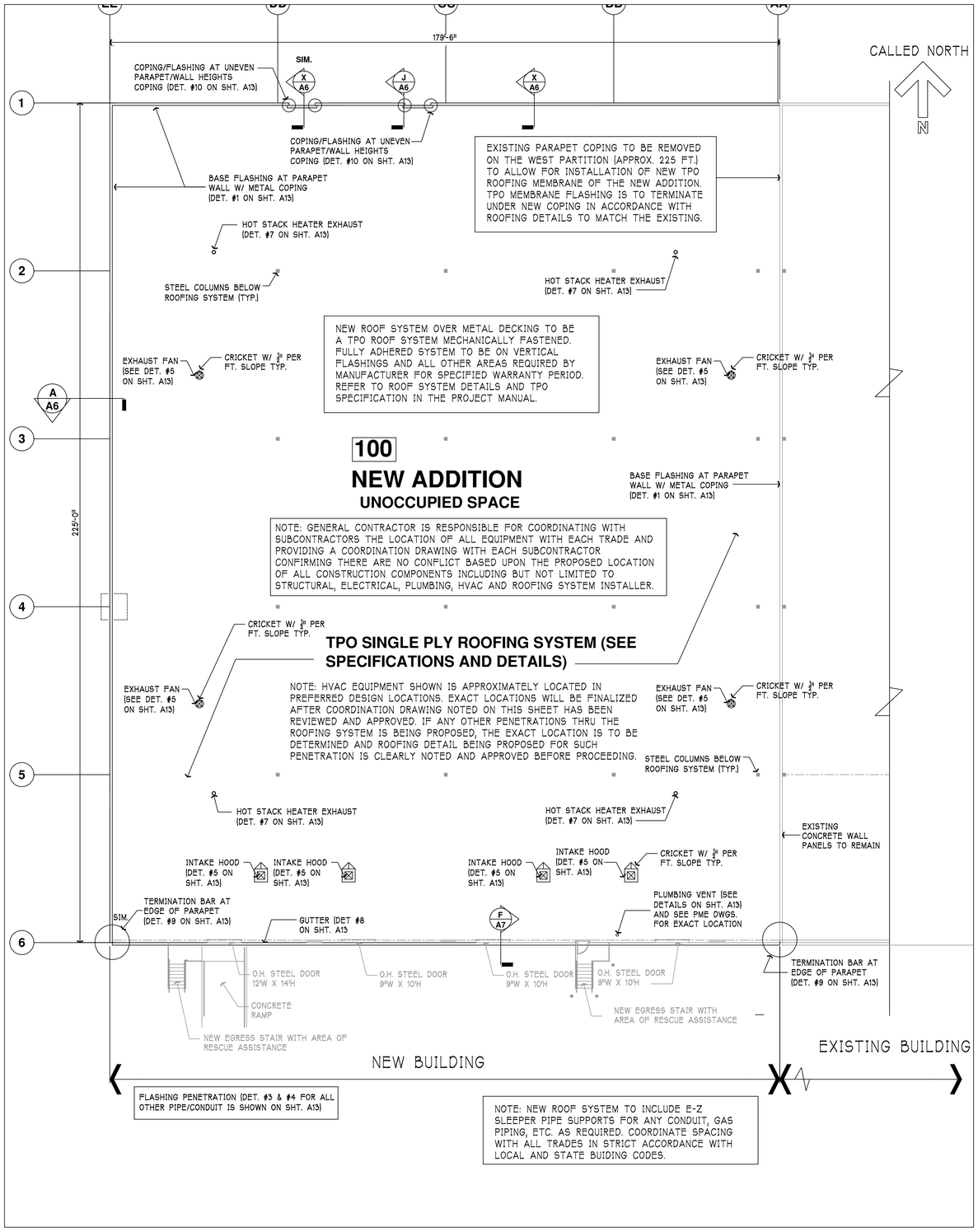
H. Cleaning

1. Clean all contaminants generated by roofing work from building and surrounding areas, including bitumen, adhesives, sealants, and coatings.
2. Repair or replace building components and finished surfaces damaged or defaced due to the work of this section; comply with recommendations of Manufacturers of components and surfaces.
3. Remove leftover materials, trash, debris, equipment from project site and surrounding areas.

I. Protection

1. Where construction traffic must continue over finished roof membrane, provide durable protection, and replace or repair damaged roofing to original condition.

NOTE: REFER TO PROJECT MANUAL FOR THERMOPLASTIC-POLYOLEFIN (TPO) ROOFING SECTION 075423 AS WELL AS OTHER SECTIONS PROVIDING ADDITIONAL INFORAMTION FOR ROOFING REQUIREMENTS.



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AN ADDITION TO
THE TRANSYLVANIA COUNTY ECONOMIC ALLIANCE
SYLVAN VALLEY INDUSTRIAL PARK
BREVARD, NORTH CAROLINA

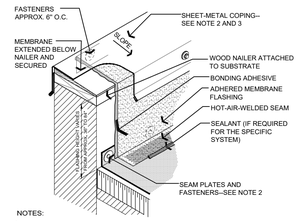
ROOF PLAN AND NOTES

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

DATE 4 APR 2024

SHEET A12

FILE NAME: RLW98.dwg



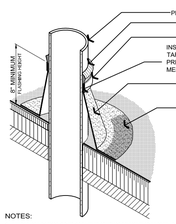
NOTES:

1.

2. REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL AND LATEST SMACNA MANUAL.
3. METAL COPING IS TO MATCH AND MEMBER WITH EXISTING HEIGHT AND PROFILES AND MUST COMPLY WITH ALL REQUIREMENTS OF THE ROOFING MANUFACTURE. SHOULD ANY MANUFACTURER'S REQUIREMENTS CONFLICT WITH MATCHING THE EXISTING SUCH CONFLICTS ARE TO BROUGHT TO THE ATTENSION OF THE OWNER/ARCHITEC AND ARE TO BE CLEARLY NOTED ON REQUIRED SHOP DRAWINGS.

1 **BASE FLASHING AT PARAPET WALL W/ METAL COPING**

NOT DRAWN TO SCALE

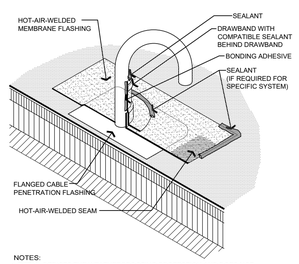


NOTES:

1. VENT STACKS AND OTHER PIPES SHOULD HAVE A MINIMUM OF 12 INCHES OF CLEARANCE ON ALL SIDES FROM WALLS, CURBS AND OTHER PROJECTIONS TO FACILITATE PROPER FLASHING. SEE THE INTRODUCTION TO THE CONSTRUCTION DETAILS FOR ADDITIONAL INFORMATION.
2. FLASHINGS TO BE 8 INCHES HIGH; COORDINATE PRE-MANUFACTURED BOOT FLASHINGS TO MEET THE HEIGHT REQUIREMENT.
3. REFER TO MANUFACTURERS' SPECIFICATIONS FOR SPECIFIC REQUIREMENTS FOR BASE MEMBRANE ATTACHMENT.
4. REFER TO SECTION 10.1--INFORMATION APPLICABLE TO ALL CONSTRUCTION DETAILS FOR ADDITIONAL INFORMATION.

2 **PLUMBING VENT [PRE-MANUFACTURED BOOT]**

NOT DRAWN TO SCALE



NOTES:

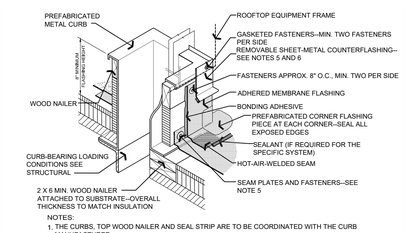
1. DETAIL DEPICTS THE WEATHERPROOFING PROTECTION AND DOES NOT REPRESENT LIGHTNING PROTECTION DESIGN.
2. REFER TO SECTION 10.1--INFORMATION APPLICABLE TO ALL CONSTRUCTION DETAILS FOR ADDITIONAL INFORMATION.

3 **CABLE PENETRATION**

NOT DRAWN TO SCALE

4 **PENETRATION WITH TPO QUICKSEAM PIPE FLASHING**

NOT DRAWN TO SCALE

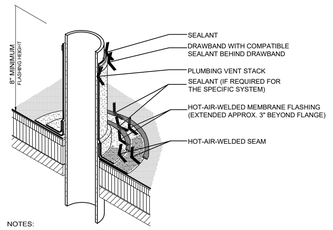


NOTES:

1. THE CURBS, TOP WOOD NAILER AND SEAL STRIP ARE TO BE COORDINATED WITH THE CURB MANUFACTURER.
2. THE MECHANICAL UNITS SHOULD NOT BE SET UNTIL THE ROOF MEMBRANE AND FLASHING HAVE BEEN INSTALLED. COORDINATE WITH OTHER TRADES AS REQUIRED.
3. WHERE THE SKYLIGHT, SCUTTLE OR SMOKE VENT FRAME OVERLAPS THE BASE FLASHING AT LEAST 3 INCHES, THE REMOVABLE SHEET-METAL COUNTERFLASHING IS NOT REQUIRED.
4. REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING AND THE LATEST SMACNA MANUAL.

5 **BASE FLASHING AT PREFABRICATED METAL CURB**

NOT DRAWN TO SCALE

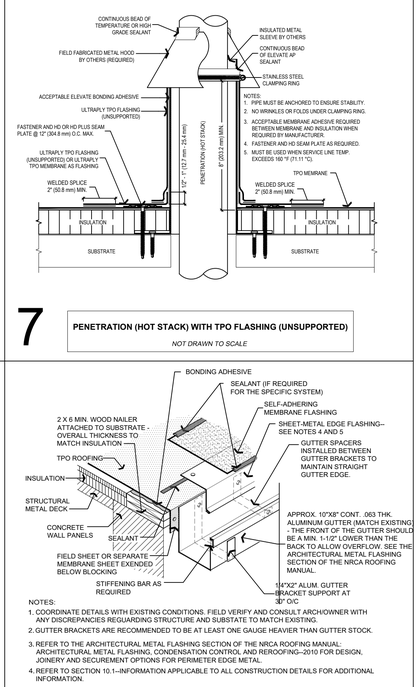


NOTES:

1. VENT STACKS AND OTHER PIPES SHOULD HAVE A MINIMUM OF 12 INCHES OF CLEARANCE ON ALL SIDES FROM WALLS, CURBS AND OTHER PROJECTIONS TO FACILITATE PROPER FLASHING. SEE THE INTRODUCTION TO THE CONSTRUCTION DETAILS FOR ADDITIONAL INFORMATION.
2. REFER TO MANUFACTURERS' SPECIFICATIONS FOR SPECIFIC REQUIREMENTS FOR BASE MEMBRANE ATTACHMENT.
3. REFER TO SECTION 10.1--INFORMATION APPLICABLE TO ALL CONSTRUCTION DETAILS FOR ADDITIONAL INFORMATION.

6 **PLUMBING VENT [FIELD WRAP]**

NOT DRAWN TO SCALE



NOTES:

1. PIPE MUST BE ANCHORED TO ENSURE STABILITY.
2. NO WRINKLES OR FOLDS UNDER CLAMPING RING.
3. ACCEPTABLE MEMBRANE ADHESIVE REQUIRED BETWEEN MEMBRANE AND INSULATION WHEN REQUIRED BY MANUFACTURER.
4. FASTENER AND HD SEAM PLATE AS REQUIRED.
5. MUST BE USED WHEN SERVICE LINE TEMP. EXCEEDS 160 °F (71.11 °C).

7 **PENETRATION (HOT STACK) WITH TPO FLASHING (UNSUPPORTED)**

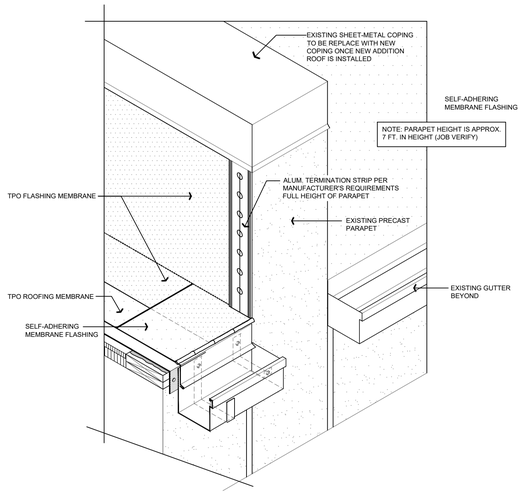
NOT DRAWN TO SCALE

NOTES:

1. COORDINATE DETAILS WITH EXISTING CONDITIONS. FIELD VERIFY AND CONSULT ARCH/OWNER WITH ANY DISCREPANCIES REGUARDING STRUCTURE AND SUBSTATE TO MATCH EXISTING.
2. GUTTER BRACKETS ARE RECOMMENDED TO BE AT LEAST ONE GAUGE HEAVIER THAN GUTTER STOCK.
3. REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING, CONDENSATION CONTROL AND REROOFING--2010 FOR DESIGN, JOINERY AND SECUREMENT OPTIONS FOR PERIMETER EDGE METAL.
4. REFER TO SECTION 10.1--INFORMATION APPLICABLE TO ALL CONSTRUCTION DETAILS FOR ADDITIONAL INFORMATION.

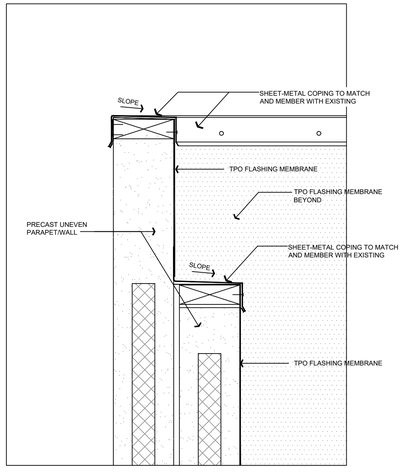
8 **GUTTER WITH PERIMETER EDGE METAL**

NOT DRAWN TO SCALE



9 **TERMINATION BAR AT EDGE OF PARAPET**

NOT DRAWN TO SCALE



10 **COPING/FLASHING AT UNEVEN PARAPET/WALL HEIGHTS**

NOT DRAWN TO SCALE

ROOFING DETAILS

SCALE: NTS

NOTES:

1. CONTRACTOR TO PROVIDE COORDINATION DRAWINGS THAT INCLUDE A COOPERATIVE EFFORT BETWEEN VARIOUS TRADES TO SUCCESSFULLY PLACE ALL EQUIPMENT AND MATERIALS THAT PENETRATE THROUGH ROOF SYSTEM IN ORDER TO PROVIDE A ROOF SYSTEM LAYOUT THAT IS APPROVED BY ROOFING MANUFACTURER IN ACCORDANCE WITH THE 20 YEAR ROOF WARRANTY. ALL OTHER TRADES ARE TO APPROVE THE LAYOUT AND CONFIRM THAT THEY HAVE VERIFIED THAT THEIR WORK IS COMPATIBLE WITH THE ROOFING SHOP DRAWINGS.

2. ROOF SYSTEM TO SLOPE TO GUTTER A 1/4" PER FOOT. THE INTENT IS TO MATCH EXISTING SLOPE AND HEIGHT OF GUTTER AS WELL AS THE ROOF MEMBRANE IN ORDER TO TERMINATION APPROPRIATELY AT THE GUTTER AND PROVIDE POSITIVE DRAINAGE.

3. REFER TO SECTIONS #75423 "THERMOPLASTIC POLYOLEFIN (TPO) ROOFING", #76200 "SHEET METAL FLASHING AND TRIM AND #77200 "ROOF ACCESSORIES" FOR ADDITIONAL INFORMATION.

4. PROVIDE NEW LOW SLOPED INSULATED TPO ROOF SYSTEM W/ CRICKETS (SLOPE $\frac{1}{2}$" PER FOOT) AT ALL ROOF TOP EQUIPMENT AS REQUIRED FOR POSITIVE DRAINAGE TO NEW GUTTER.

4. PROTECT EXISTING BUILDING FROM WATER INFILTRATION DURING APPLICATION OF PERMANENT TPO ROOF SYSTEM ON NEW ADDITION AND THROUGHOUT THE CONSTRUCTION PROCESS KEEPING INTERIOR OF NEW AND EXISTING BUILDING WATERTIGHT.

5. CONTRACTOR TO SUBMIT CERT. OF KEY PERSONNEL, MANUFACTURER'S FACTORY MUTUAL APPROVALS AND SHOP DRAWINGS (SEE PROJECT MANUAL).

6. PROTECT ALL ROOFING MEMBRANE WITH SHEATHING AT ALL ROOF ACCESS AREAS DURING CONSTRUCTION AND SCHEDULE WORK ON THE ROOF AREA TO MINIMIZE POTENTIAL DAMAGE TO ALL WORK THAT HAS BEEN COMPLETED.

7. ALL SHEET METAL WORK SUCH AS BUT NOT LIMITED TO GUTTER, DOWNSPOUTS, ROOF TRIM, ETC. TO BE FABRICATED IN ACCORDANCE WITH AMACNA Architectural Sheet Metal Manual.

FILE NAME: RLW98.dwg

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DATE 4 APR 2024

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