DOOR SCHEDULE

DOOR NO.	DOOR SIZE WIDE	HIGH	THICK.	REMARKS
01	3'-0"	7'-0"	1 3/4"	EXTERIOR METAL DOOR WITH HM FRAME
02	10'-0"	10'-0"	1 3/4"	10' ROLL UP DOOR
03	4'-0"	7'-0"	1 3/4"	EXTERIOR METAL DOOR WITH HM FRAME
04	4'-0"	7'-0"	1 3/4"	EXTERIOR METAL DOOR WITH HM FRAME
05	10'-0"	10'-0"	1 3/4"	10' ROLL UP DOOR
06	3'-0"	7'-0"	1 3/4"	EXTERIOR METAL DOOR WITH HM FRAME
07	3'-0"	7'-0"	1 3/4"	STOREFRONT EXT. GLASS DOOR WITH 2-8" TRANSOME
08	3'-0"	7'-0"	1 3/4"	STOREFRONT EXT. GLASS DOOR WITH 2-8" TRANSOME
09	3'-0"	7'-0"	1 3/4"	STOREFRONT EXT. GLASS DOOR WITH 2-8" TRANSOME
10	3'-0"	7'-0"	1 3/4"	STOREFRONT EXT. GLASS DOOR WITH 2-8" TRANSOME

WINDOW SCHEDULE

MARK	WINDOW SIZE WIDE	HIGH	REMARKS	HEADERS
A	VARIES	10'-0"	STOREFRONT DOUBLE PANE WINDOW W/TEMPERED GLASS	

VERIFY WINDOW SIZES, TYPES, AND COLORS WITH OWNER BEFORE BEGINNING CONSTRUCTION

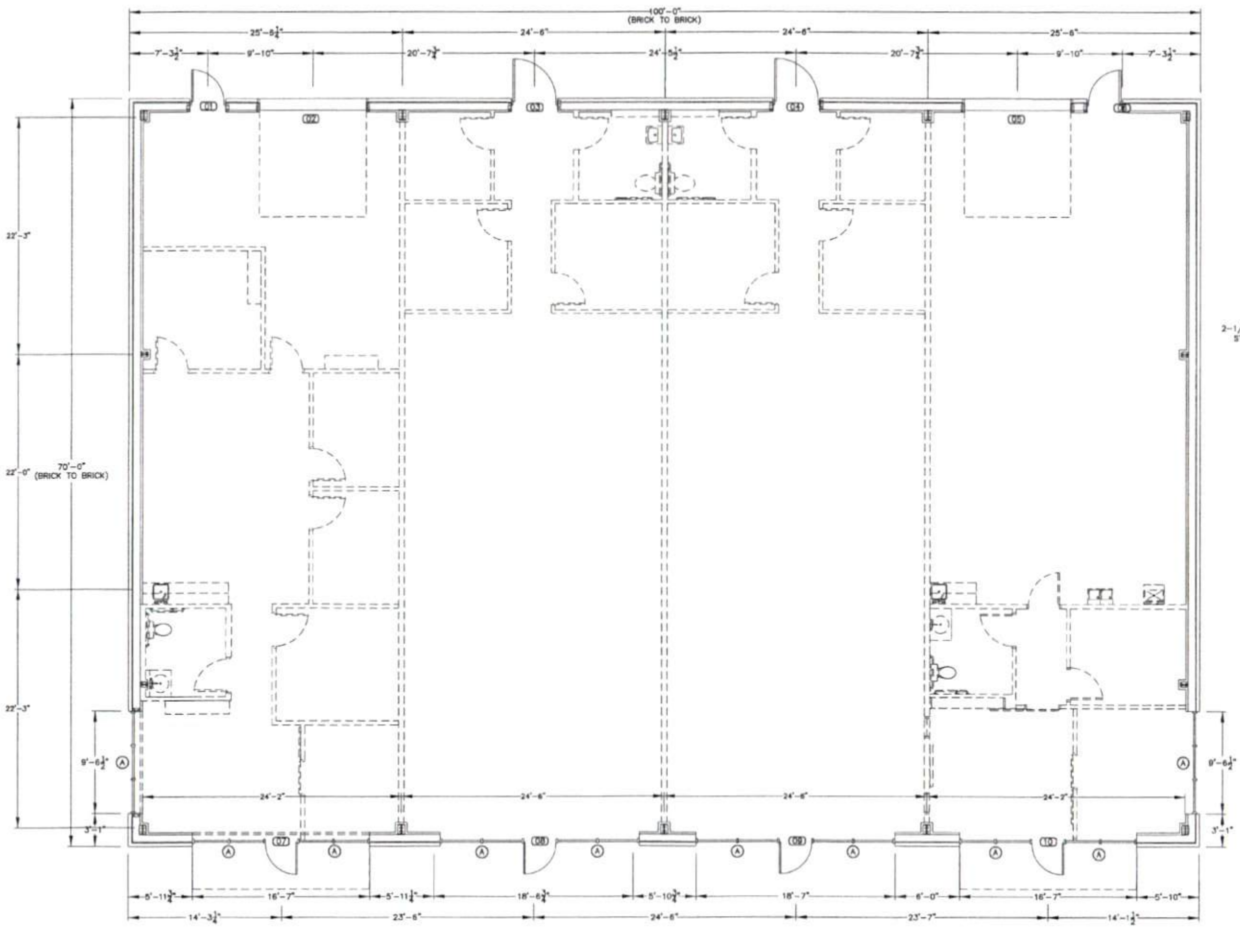
NOTICE TO CONTRACTOR
All construction must comply with current NC Building Codes and is subject to field inspection and verification.

Reviewed for Code Compliance

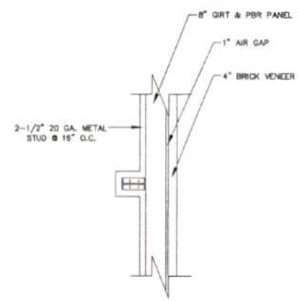
12/06/2022

Harnett COUNTY NORTH CAROLINA

NOTE:
DASHED LINES REPRESENT FUTURE WALLS. INTERIOR UP-FIT WILL BE COMPLETED AT A LATER TIME.



PROPOSED FLOOR PLAN
SCALE: 3/16" = 1'-0"



PROPOSED WALL DETAIL
SCALE: NOT TO SCALE

PLANS FOR:
T&L COATS
BUILDING #2
COATS, NORTH CAROLINA

REVISIONS	
NO.	

Cruse And Associates, P.A.
414 E. Edgerton St.
Dunn, North Carolina 28334
PH: (910) 892-4429
FAX: (910) 892-5182
LICENSE NO.: C-1721

DATE 10-07-22
DRAWN BY BAM
JOB NO. 22-14

SHEET NO.
F-1 OF 3

2018 APPENDIX B
BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2 FAMILY DWELLINGS AND TOWNHOUSES)

NAME OF PROJECT: T & L COATS BUILDING #2 (SHELL BUILDING)
ADDRESS: HIGHWAY 27 COATS ZIP CODE: 27527
OWNER/AUTHORIZED AGENT: ROBERT BAREFOOT PHONE # (910) 890-3256 EMAIL: WRBAREFOOT@YAHOO.COM
OWNED BY: ☐ CITY/COUNTY ☒ PRIVATE ☐ STATE
CODE ENFORCEMENT JURISDICTION: ☐ CITY ____ ☒ COUNTY HARNETT ☐ STATE

LEAD DESIGN PROFESSIONAL: CRUSE & ASSOCIATES, P.A.

DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE NO.	E-MAIL
ARCHITECTURAL					
BUILDING					
CIVIL					
ELECTRICAL					
FIRE ALARM					
PLUMBING	CRUSE & ASSOCIATES, P.A.	RANDY CRUSE, PE	18909	910-892-4429	RCRUSE@CRUSEASSOCIATES.COM
MECHANICAL					
SPRINKLER-STANDPIPE					
STRUCTURAL (FOUNDATION)	CRUSE & ASSOCIATES, P.A.	RANDY CRUSE, PE	18909	910-892-4429	RCRUSE@CRUSEASSOCIATES.COM
RETAINING WALLS >5' HIGH					
OTHER	ASCENT BUILDINGS	JASON SPEEGLE	34784	615-252-2880	JASON.SPEEGLE@ASCENTBUILDINGS.COM

("OTHER" SHOULD INCLUDE FIRMS AND INDIVIDUALS SUCH AS TRUSS, PRECAST, PRE-ENGINEERED, INTERIOR DESIGNERS, ETC.)

2018 EDITION NC BUILDING CODE: ☒ NEW BUILDING ☐ ADDITION ☐ RENOVATION
☐ 1ST TIME INTERIOR COMPLETIONS
☐ SHELL/CORE-CONTACT THE LEAD INSPECTION JURISDICTION FOR POSSIBLE ADDITIONAL PROCEDURES & REQUIREMENTS
☐ PHASED CONSTRUCTION-SHELL/CORE-CONTACT THE LEAD INSPECTION JURISDICTION FOR FOR POSSIBLE ADDITIONAL PROCEDURES & REQUIREMENTS

2018 NC EXISTING BUILDING CODE: ☐ PRESCRIPTIVE ☐ REPAIR ☐ CHAPTER 14
ALTERATION: ☐ LEVEL I ☐ LEVEL II ☐ LEVEL III
☐ HISTORIC PROPERTY ☐ CHANGE OF USE

CONSTRUCTED: (DATE) ____ CURRENT OCCUPANCY(S): (CH. 3) ____
RENOVATED: (DATE) ____ PROPOSED OCCUPANCY(S) (CH. 3): ____
OCCUPANCY CATEGORY (TABLE 1604.5): CURRENT: ☐ I ☐ II ☐ III ☐ IV
PROPOSED: ☐ I ☐ II ☐ III ☐ IV

BASIC BUILDING DATA:
CONSTRUCTION TYPE: ☐ I-A ☐ I-B ☐ II-A ☒ II-B ☐ III-A ☐ III-B ☐ IV ☐ V-A ☐ V-B
SPRINKLERS: ☒ NO ☐ PARTIAL ☐ YES ☐ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D
STANDPIPES: ☒ NO ☐ YES CLASS ☐ I ☐ II ☐ III ☐ WET ☐ DRY
PRIMARY FIRE DISTRICT: ☒ NO ☐ YES FLOOD HAZARD AREA: ☐ NO ☐ YES
SPECIAL INSPECTIONS REQUIRED: ☒ NO ☐ YES (CONTACT THE LOCAL INSPECTION JURISDICTION FOR ADDITIONAL PROCEDURES & REQUIREMENTS)

GROSS BUILDING AREA:

FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL
3RD FLOOR			
2ND FLOOR			
MEZZANINE			
1ST FLOOR	N/A	7,000	7,000
BASEMENT			

TOTAL GROSS AREA: 7,000

ALLOWABLE AREA

TOTAL BUILDING = 7,000 SQ. FT.
SHELL SPACE = 7,000 SQ. FT.

PRIMARY OCCUPANCY CLASSIFICATION(S):
ASSEMBLY ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5
BUSINESS ☒
EDUCATIONAL ☐
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 CONDITION ☐ 1 ☐ 2
☐ I-2 CONDITION ☐ 1 ☐ 2
☐ I-3 CONDITION ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
☐ I-4
MERCANTILE ☐
RESIDENTIAL ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
STORAGE ☐ S-1 MODERATE ☐ S-2 LOW ☐ HIGH-PILED
☐ PARKING GARAGE ☐ OPEN ☐ ENCLOSED ☐ REPAIR GARAGE
☐ UTILITY AND MISCELLANEOUS

ACCESSORY OCCUPANCY CLASSIFICATION(S): ____
INCIDENTAL USES(TABLE 509): ____
SPECIAL USES(CHAPTER 4-LIST CODE SECTIONS): ____
SPECIAL PROVISIONS(CHAPTER 5-LIST CODE SECTIONS): ____
MIXED OCCUPANCY: ☐ NO ☒ YES SEPARATION: ____ HR. EXCEPTION: ____

☒ NON-SEPARATED USE(508.3) 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 USE (508.4) 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.

$$\frac{\text{ACTUAL AREA OF OCCUPANCY A}}{\text{ALLOWABLE AREA OF OCCUPANCY A}} + \frac{\text{ACTUAL AREA OF OCCUPANCY B}}{\text{ALLOWABLE AREA OF OCCUPANCY B}} \leq 1$$

____ + ____ + ___ = ___ ≤ 1.00

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2[4] AREA	(C) AREA FOR FRONTAGE INCREASE[1,5]	(D) ALLOWABLE AREA PER STORY OR UNLIMITED[2,3]
1	BUSINESS	7,000	23,000	-	23,000

[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 INCREASE I_f = 100[F/P-0.25] X W/30= ____ (%)

[2] UNLIMITED AREA APPLICABLE UNDER CONDITIONS OF SECTION 507.
[3] MAXIMUM BUILDING AREA = TOTAL NUMBER OF STORIES IN THE BUILDING x D (MAXIMUM 3 STORIES) (506.2).
[4] THE MAXIMUM AREA OF OPEN PARKING GARAGES MUST COMPLY WITH 406.5.4.
[5] FRONTAGE INCREASE IS BASED ON THE UNSPRINKLERED AREA VALUE IN TABLE 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE[1]
BUILDING HEIGHT IN FEET (TABLE 504.3)[2]	FEET 55	23'-8"	
BUILDING HEIGHT IN STORIES (TABLE 504.4)[3]	STORIES 3	STORIES 1	

1. PROVIDE CODE REFERENCE IF THE "SHOWN ON PLANS" QUANTITY IS NOT BASED ON TABLE 504.3 OR 504.4.
2. THE MAXIMUM HEIGHT OF AIR TRAFFIC CONTROL TOWERS MUST COMPLY WITH TABLE 412.3.1.
3. THE MAXIMUM HEIGHT OF OPEN PARKING GARAGES MUST COMPLY WITH TABLE 406.5.4.

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	RATING PROVIDED (W/ ____* REDUCTION)	DETAIL AND SHEET #	DESIGN # FOR RATED ASSEMBLY	DESIGN # FOR RATED PENETRATION	DESIGN # FOR RATED JOINTS
STRUCTURAL FRAME, INCLUDING COLUMNS, GIRDERS, TRUSSES	-	0	-	-	-	-	-
BEARING WALLS	-	-	-	-	-	-	-
EXTERIOR	-	-	-	-	-	-	-
NORTH		0	-	-	-	-	-
EAST		0	-	-	-	-	-
WEST		0	-	-	-	-	-
SOUTH		0	-	-	-	-	-
INTERIOR	-	0	-	-	-	-	-
NONBEARING WALLS & PARTITIONS	-	-	-	-	-	-	-
EXTERIOR	-	0	-	-	-	-	-
NORTH	-	0	-	-	-	-	-
EAST	-	0	-	-	-	-	-
WEST	-	0	-	-	-	-	-
SOUTH	-	0	-	-	-	-	-
INTERIOR	-	0	-	-	-	-	-
FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	-	0	-	-	-	-	-
FLOOR CEILING ASSEMBLY	-	-	-	-	-	-	-
COLUMNS SUPPORTING FLOORS	-	-	-	-	-	-	-
ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	-	0	-	-	-	-	-
ROOF CEILING ASSEMBLY	-	-	-	-	-	-	-
COLUMNS SUPPORTING ROOF	-	-	-	-	-	-	-
SHAFT ENCLOSURES-EXIT	-	-	-	-	-	-	-
SHAFT ENCLOSURES-OTHER	-	-	-	-	-	-	-
CORRIDOR SEPARATION		0	-				-
OCCUPANCY SEPARATION	-	-	-	-	-	-	-
PARTY/FIRE WALL SEPARATION	-	-	-	-	-	-	-
SMOKE BARRIER SEPARATION	-	-	-	-	-	-	-
TENANT/DWELLING UNIT/ SLEEPING UNIT SEPARATION	-	-	-	-	-	-	-
INCIDENTAL USE SEPARATION							

*INDICATE SECTION NUMBER PERMITTING REDUCTION

PERCENTAGE OF WALL OPENING CALCULATIONS

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
82'	UP; NS	NO LIMIT	42%

LIFE SAFETY SYSTEM REQUIREMENTS:
EMERGENCY LIGHTING: ☐ NO ☒ YES
EXIT SIGNS: ☐ NO ☒ YES
FIRE ALARM: ☒ NO ☐ YES
SMOKE DETECTION SYSTEMS: ☒ NO ☐ YES ☐ PARTIAL ____
CARBON MONOXIDE DETECTION: ☒ NO ☐ YES

LIFE SAFETY PLAN REQUIREMENTS:
LIFE SAFETY PLAN SHEET #, IF PROVIDED ____

ACCESSIBLE DWELLING UNITS N/A
(SECTION 1107)

TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED

ACCESSIBLE PARKING-SEE SITE PLAN-SEE SITE PLAN
(SECTION 1106)

LOT OR PARKING AREA	TOTAL # OF PARKING SPACES: REQUIRED	TOTAL # OF PARKING SPACES: PROVIDED	# OF ACCESSIBLE SPACES PROVIDED: REGULAR WITH 5' ACCESS AISLE	VAN SPACES WITH 132" ACCESS AISLE	VAN SPACES WITH 8' ACCESS AISLE	TOTAL # ACCESSIBLE PROVIDED
	24	37	2			2

PLUMBING FIXTURE REQUIREMENTS-(N/A-SHELL ONLY)
(TABLE 2902.1)

USE		WATERCLOSETS MALE	WATERCLOSETS FEMALE	WATERCLOSETS UNISEX	URINALS	LAVATORIES MALE	LAVATORIES FEMALE	LAVATORIES UNISEX	SERVICE SINK	DRINKING FOUNTAINS REGULAR	DRINKING FOUNTAINS ACCESSIBLE
SPACE	REQUIRED	-	-	-	-	-	-	-	-	-	-
	PROVIDED	-	-	-	-	-	-	-	-	-	-

SPECIAL APPROVALS
SPECIAL APPROVAL: (LOCAL JURISDICTION, DEPARTMENT OF INSURANCE, OSC, DPI, DHHS, ICC, ETC., DESCRIBE BELOW)

DESIGN LOADS:
STRUCTURAL DESIGN
SNOW (I_S) 1.0
SEISMIC (I_E) 1.0

LIVE LOADS: ROOF 20 PSF
MEZZANINE N/A PSF
FLOOR 100 PSF

GROUND SNOW LOAD: 15 PSF

WIND LOAD: BASIC WIND SPEED 118 ULT. MPH (ASCE-7)
EXSPOSURE CATEGORY B

SEISMIC DESIGN CATEGORY ☐ A ☒ B ☐ C ☐ D

PROVIDE THE FOLLOWING SEISMIC DESIGN PARAMETERS:
OCCUPANCY CATEGORY (TABLE 1604.5) ☐ I ☒ II ☐ III ☐ IV
SPECTRAL RESPONSE ACCELERATION S_S 0.17 %g S_1 0.08 %g
SITE CLASSIFICATION (ASCE 7): ☐ A ☐ B ☐ C ☒ D ☐ E ☐ F
DATA SOURCE: ☐ FIELD TEST ☒ PRESUMPTIVE ☐ HISTORICAL DATA

BASIC STRUCTURAL SYSTEM (CHECK ONE)
☐ BEARING WALL ☐ DUAL W/SPECIAL MOMENT FRAME
☒ BUILDING FRAME ☐ DUAL W/INTERMEDIATE R/C OR SPECIAL STEEL
☐ MOMENT FRAME ☐ INVERTED PENDULUM

ANALYSIS PROCEDURE ☒ SIMPLIFIED ☐ EQUIVALENT LATERAL FORCE ☐ DYNAMIC
ARCHITECTURAL, MECHANICAL, COMPONENTS ANCHORED? ☐ YES ☐ NO

LATERAL DESIGN CONTROL: EARTHQUAKE ☐ WIND ☒

SOIL BEARING CAPACITIES:
FIELD TEST (PROVIDE COPY OF TEST REPORT) ____ PSF
PRESUMPTIVE BEARING CAPACITY 2,000 PSF
PILE SIZE, TYPE, AND CAPACITY ____

ENERGY REQUIREMENTS:
THE FOLLOWING DATA SHALL BE CONSIDERED MINIMUM AND ANY SPECIAL ATTRIBUTE REQUIRED TO MEET THE ENERGY CODE SHALL ALSO BE PROVIDED. EACH DESIGNER SHALL FURNISH THE REQUIRED PORTIONS OF THE PROJECT INFORMATION FOR THE PLAN DATA SHEET. IF PERFORMANCE METHOD, STATE THE ANNUAL ENERGY COST FOR THE STANDARD REFERENCE DESIGN VS THE ANNUAL ENERGY COST FOR THE PROPOSED DESIGN.

EXISTING BUILDING ENVELOPE COMPLIES WITH CODE: ☐ NO ☐ YES (THE REMAINDER OF THIS SECTION IS NOT APPLICABLE)
EXEMPT BUILDING ☐ NO ☐ YES PROVIDE CODE OR STATUTORY REFERENCE: ____
CLIMATE ZONE: ☐ 3A ☒ 4A ☐ 5A
METHOD OF COMPLIANCE: ENERGY CODE ☐ PERFORMANCE ☒ PRESCRIPTIVE
ASHRAE 90.1 ☐ PERFORMANCE ☐ PRESCRIPTIVE
OTHER: ☐ PERFORMANCE (SPECIFY SOURCE) ____

THERMAL ENVELOPE (PRESCRIPTIVE METHOD ONLY)

ROOF/CEILING ASSEMBLY (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY R-19 + R-11 LS WITH R-3 THERMAL BLOCKS
U-VALUE OF TOTAL ASSEMBLY: N/A
R-VALUE OF INSULATION: N/A
SKYLIGHTS IN EACH ASSEMBLY N/A
U-VALUE OF SKYLIGHT: N/A
TOTAL SQUARE FOOTAGE OF SKYLIGHTS IN EACH ASSEMBLY N/A

EXTERIOR WALLS (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY R-0.0+R-15.8 CI. WITH BRICK VENEER
U-VALUE OF TOTAL ASSEMBLY: ____
R-VALUE OF INSULATION: N/A
OPENINGS (WINDOWS OR DOORS WITH GLAZING) DOUBLE PANE, H.M. FRAME
U-VALUE OF ASSEMBLY 0.45 SOLAR HEAT GAIN COEFFICIENT: N/A
PROJECTION FACTOR N/A DOOR R-VALUES 13

WALLS BELOW GRADE (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY N/A
U-VALUE OF TOTAL ASSEMBLY N/A R-VALUE OF INSULATION: N/A

FLOORS OVER UNCONDITIONED SPACE (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY N/A
U-VALUE OF TOTAL ASSEMBLY N/A R-VALUE OF INSULATION: N/A

FLOOR SLAB ON GRADE
DESCRIPTION OF ASSEMBLY SLAB-ON-GRADE
R-VALUE OF INSULATION: R-15 TO BOTTOM OF FOOTING
U-VALUE OF TOTAL ASSEMBLY -
HORIZONTAL / VERTICAL REQUIREMENT -
SLAB HEATED ? NO

Summary:

ENERGY CODE:	2018 NORTH CAROLINA STATE BUILDING CODE: ENERGY CONSERVATION CODE
BUILDING CODE:	2018 NORTH CAROLINA STATE BUILDING CODE: BUILDING CODE
MECHANICAL CODE:	2018 NORTH CAROLINA STATE BUILDING CODE: MECHANICAL CODE
PLUMBING CODE:	2018 NORTH CAROLINA STATE BUILDING CODE: PLUMBING CODE
ELECTRICAL CODE:	2020 NATIONAL ELECTRIC CODE
ACCESSIBILITY CODE:	ICC/ANSI 117.1-2009 AMERICAN NATIONAL STANDARD ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
CONSTRUCTION:	II-B
OCCUPANCY:	BUSINESS

SHEET INDEX

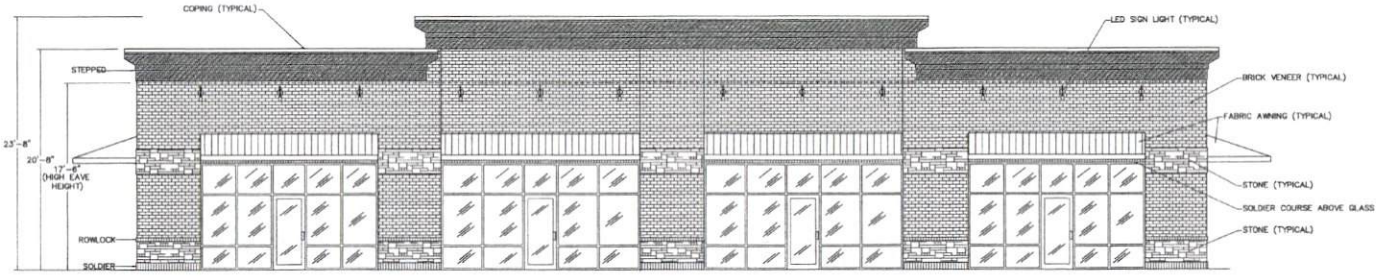
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 18909 RANDY L. CRUSE 10/07/22

PLANS FOR:
T&L COATS
BUILDING #2
COATS, NORTH CAROLINA

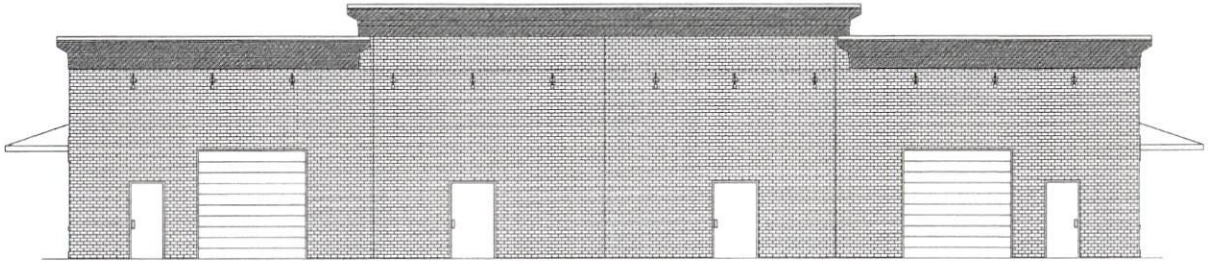
REVISIONS
NO.

Cruse And Associates, P.A.
LICENSE NO.: C-1721

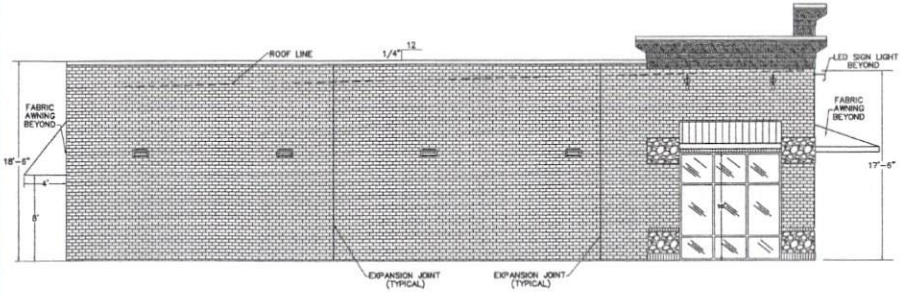
DATE 10-07-22
DRAWN BY BAM
JOB NO. 22-14
SHEET NO. BD-1 OF 1



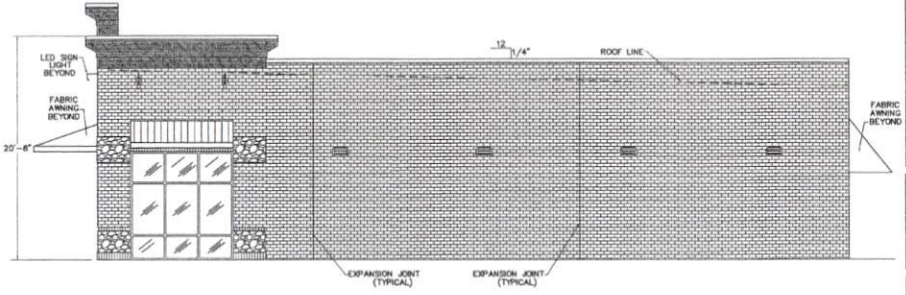
PROPOSED FRONT ELEVATION PLAN
SCALE: 3/16" = 1'-0"



PROPOSED REAR ELEVATION PLAN
SCALE: 3/16" = 1'-0"



PROPOSED LEFT SIDE ELEVATION
SCALE: 3/16" = 1'-0"



PROPOSED RIGHT SIDE ELEVATION
SCALE: 3/16" = 1'-0"

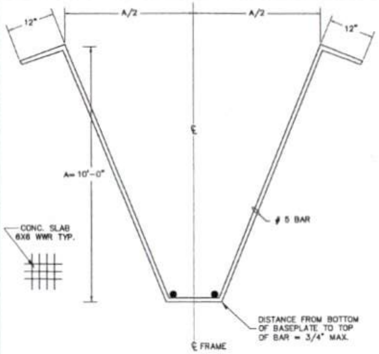
PLANS FOR:
T&L COATS
BUILDING #2
COATS, NORTH CAROLINA

REVISIONS
NO.

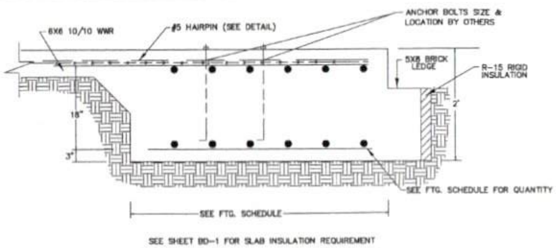
Cruse And Associates, P.A.

DATE 10-07-22
DRAWN BY BAM
JOB NO. 22-14

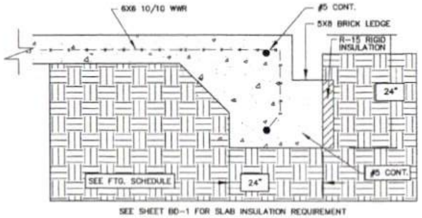
SHEET NO.
F-2 OF 3



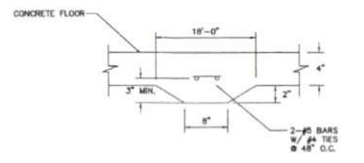
DETAIL HAIRPIN BAR
NOT TO SCALE



SECTION @ FOOTING
NOT TO SCALE



1/F-1 SECTION @ EDGE OF SLAB
NOT TO SCALE



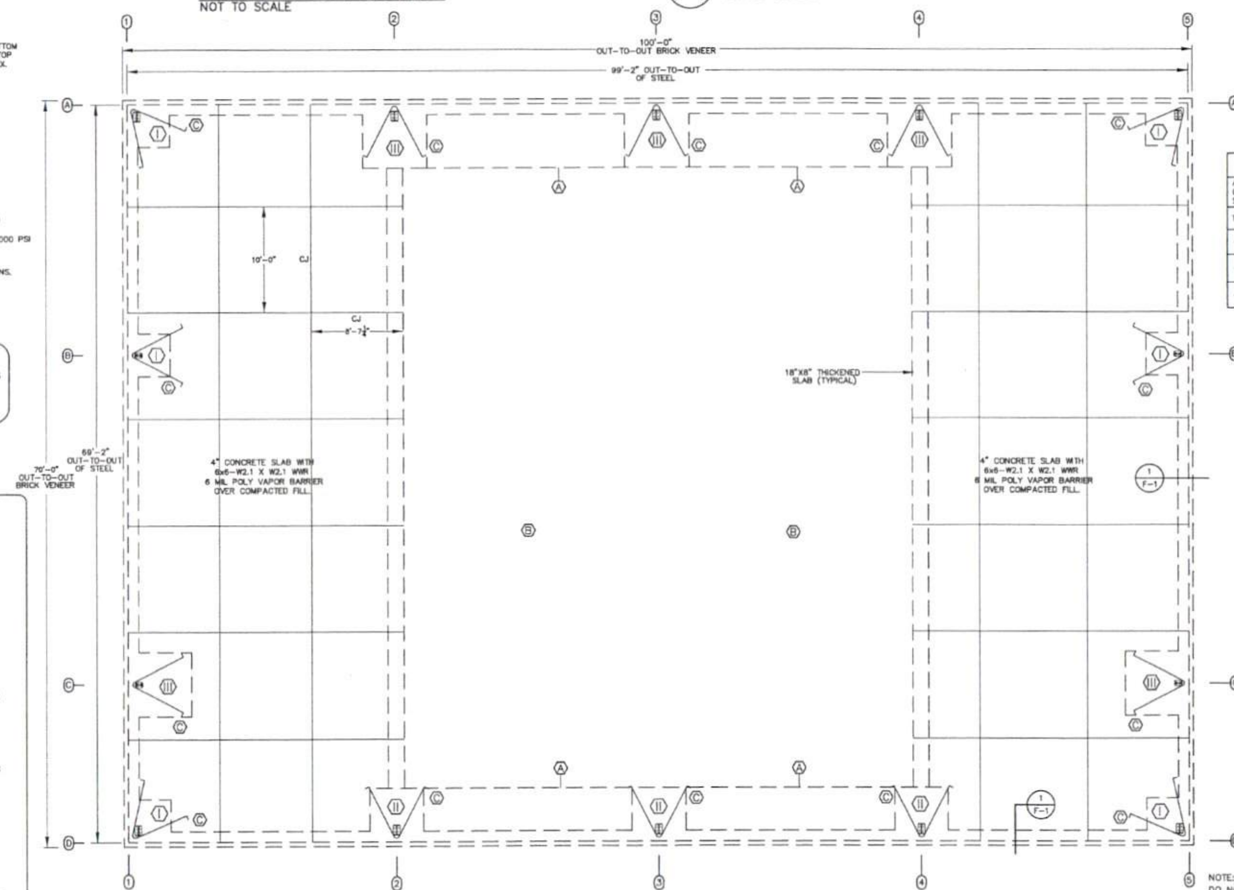
TYPICAL THICKENED SLAB
NOT TO SCALE

NOTES:

1. ALLOWABLE SOIL BEARING CAPACITY OF 2000 PSF TO VERIFIED BY CONTRACTOR.
2. CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
3. CONTROL JOINTS TO BE PLACED AS SHOWN ON PLAN.
4. SEE METAL BUILDING DRAWINGS FOR ACTUAL COLUMN LOCATIONS.

NOTES:

1. G.C. TO COORDINATE METAL BUILDING DRAWINGS W/ ENGINEER'S DRAWINGS BEFORE BEGINNING CONSTRUCTION.
2. G.C. TO VERIFY ALL EQUIPMENT SIZES, ELECTRICAL, PLUMBING AND GAS REQUIREMENTS BEFORE BEGINNING CONSTRUCTION.



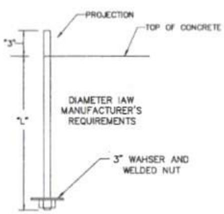
FOOTING SCHEDULE

ALLOWABLE SOIL BEARING 2000 PSF
CONCRETE: 3000 PSI @ 28 DAYS
STEEL: GRADE 60

TYPE	SIZE	FOOTING REINF.	REMARKS
I	4' X 4' X 2'	4 # 5 LW T & B 4 # 5 SW T & B	
II	5' X 5' X 2'	5 # 5 LW T & B 5 # 5 SW T & B	
III	6' X 6' X 2'	6 # 5 LW T & B 6 # 5 SW T & B	

ANCHOR BOLT LENGTHS

DIAMETER	LENGTH ("L")	QTY.
3/4"	16"	56



NOTE:
DO NOT "RAM" ANCHOR BOLTS INTO FRESHLY POURED CONCRETE SLAB. ALL ANCHOR BOLTS ARE TO BE PLACED IN PRE DRILLED TEMPLATES & PROPERLY SUPPORTED. PRIOR TO CONCRETE POUR, BE SURE TO VIBRATE CONCRETE AROUND ANCHOR BOLTS.

ANCHOR BOLT DETAIL
NOT TO SCALE

FOUNDATION NOTES:

1. FIELD VERIFY THE SIZE, LOCATIONS, ELEVATIONS, AND DETAILS OF ALL EXISTING CONSTRUCTION AND CONDITIONS THAT AFFECT THE WORK AND INFORM THE ENGINEER OF ANY DISCREPANCIES IN DIMENSION SIZES, LOCATIONS AND CONDITIONS BEFORE PROCEEDING WITH THE WORK.
2. PROVIDE ALL SHORING, SHEETING, UNDERPINNING, AND OTHER MEANS REQUIRED TO PROTECT AND MAINTAIN THE SAFETY, INTEGRITY, AND STABILITY OF ALL EXISTING AND NEW CONSTRUCTION THAT MAY BE AFFECTED BY THE WORK.
3. CONCRETE SHALL DEVELOP COMPRESSIVE STRENGTHS (F'C) AT 28 DAYS AS FOLLOWS: FOUNDATIONS, WALLS, FOOTING, ETC. 3000 PSI; SLABS ON GRADE 3000 PSI
4. ALL BUILDING FOOTINGS AND FOUNDATIONS ARE DESIGNED BASED UPON A MINIMUM ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF. IF SUITABLE SOIL CAPABLE OF SUSTAINING THIS CAPACITY IS NOT FOUND AT THE ELEVATIONS INDICATED, THE ENGINEER SHALL BE NOTIFIED AND THE FOUNDATIONS SHALL BE CHANGED IN ELEVATION AND/OR SIZE AS DETERMINED BY THE ENGINEER.
5. CONCRETE BAR REINFORCEMENT SHALL BE NEW BILLET STEEL CONFORMING TO THE STANDARD SPECIFICATION FOR DEFORMED BILLET STEEL BARS FOR CONCRETE REINFORCEMENT ASTM A-615, GRADE 60.
6. ALL STRUCTURAL FILL INSIDE THE BUILDING SHALL BE SELECTED FILL COMPACTED TO 98% MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT (ASTM D-698)
7. ALL DETAILING, FABRICATION AND ERECTION OF REINFORCING STEEL SHALL CONFORM TO ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES " (ACI-315-80).
8. PROVIDE CORNER BARS AT ALL FOOTING CORNERS AND STEPS UNLESS OTHERWISE NOTED. BARS SHALL BE A MINIMUM OF 4'-0" LONG AND HAVE THE SAME SIZE AND SPACING AS HORIZONTAL REINFORCING.
9. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 AND A-82.
10. CONTINUOUS REINFORCING BARS SHALL BE LAPPED 48 BAR DIAMETERS AT ALL SPLICES UNLESS OTHERWISE NOTED.
12. STANDARD CONSTRUCTION JOINTS AND EXPANSION JOINTS SHALL BE LOCATED AS SHOWN ON THE PLANS.
13. ALL CONCRETE SHALL BE PROTECTED AGAINST FREEZING FOR SEVEN DAYS AFTER POURING.
14. FLOOR SLAB TO BE POURED ON 6 MIL POLYETHELENE FILM OVER 4" THICK DRAINAGE FILL, COMPACTED FILL, OR OVER EXISTING CONCRETE SLAB.
15. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, AND ARCHITECTURAL DRAWINGS AND CONSULT ALL AFFECTED SUBCONTRACTORS FOR LOCATIONS AND SIZES OF REQUIRED OPENINGS AND CAST-IN-ITEMS IN CONCRETE WORK. ALL OPENINGS ON THE STRUCTURAL DRAWINGS SHALL BE SHOWN ON SHOP DRAWINGS FOR APPROVAL.

KEY NOTES:

Ⓐ CONCRETE POUR LINE IN SHELL SPACE
Ⓑ NO CONCRETE, LEAVE OPEN FOR FUTURE TENANT UP-FIT.
Ⓒ INSTALL HAIRPINS WITH FOOTING

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

PLANS FOR:
T&L COATS
BUILDING #2
COATS, NORTH CAROLINA

REVISIONS	
NO.	

Cruse And Associates, P.A.
LICENSE NO.: C-1721

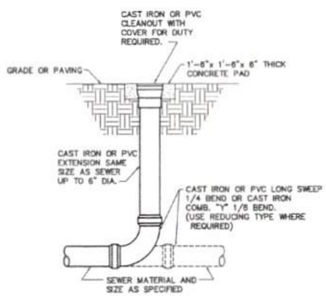
DATE 10-07-22
DRAWN BY BAM
JOB NO. 22-14

SHEET NO.
F-3 OF 3

PLUMBING LEGEND

DESCRIPTION	SYMBOL
COLD WATER	CW
HOT WATER	HW
COLD WATER (FILTERED)	
RECIRCULATED WATER	HWR
VENT PIPING	V
WASTE PIPING	NEW / EXISTING W
CLEAN OUT IN GRADE	C.O.I.G.
FLOOR CLEAN OUT	F.C.O.
NON FREEZE HOSE BIBB	NFHB
FLOOR DRAIN	F.D.
CHECK VALVE	
BALL VALVE	
GATE VALVE	
SHUT-OFF VALVE	
DOUBLE CHECK VALVE	
FIXTURE DESIGNATION	P--
MOUNTING HEIGHT	MH
POINT OF CONNECTION NEW TO EXISTING	
FLOOR SINK	
SHOCK ABSORBER W/BALL VALVE SHUT-OFF	SA SIZE PER MANUF. RECOMMENDATIONS
CHANGE IN PIPE SIZE	

NOTE:
DASHED LINES REPRESENT FUTURE WALLS. INTERIOR UP-FIT WILL BE COMPLETED AT A LATER TIME.



DETAIL—CLEAN OUT AT GRADE

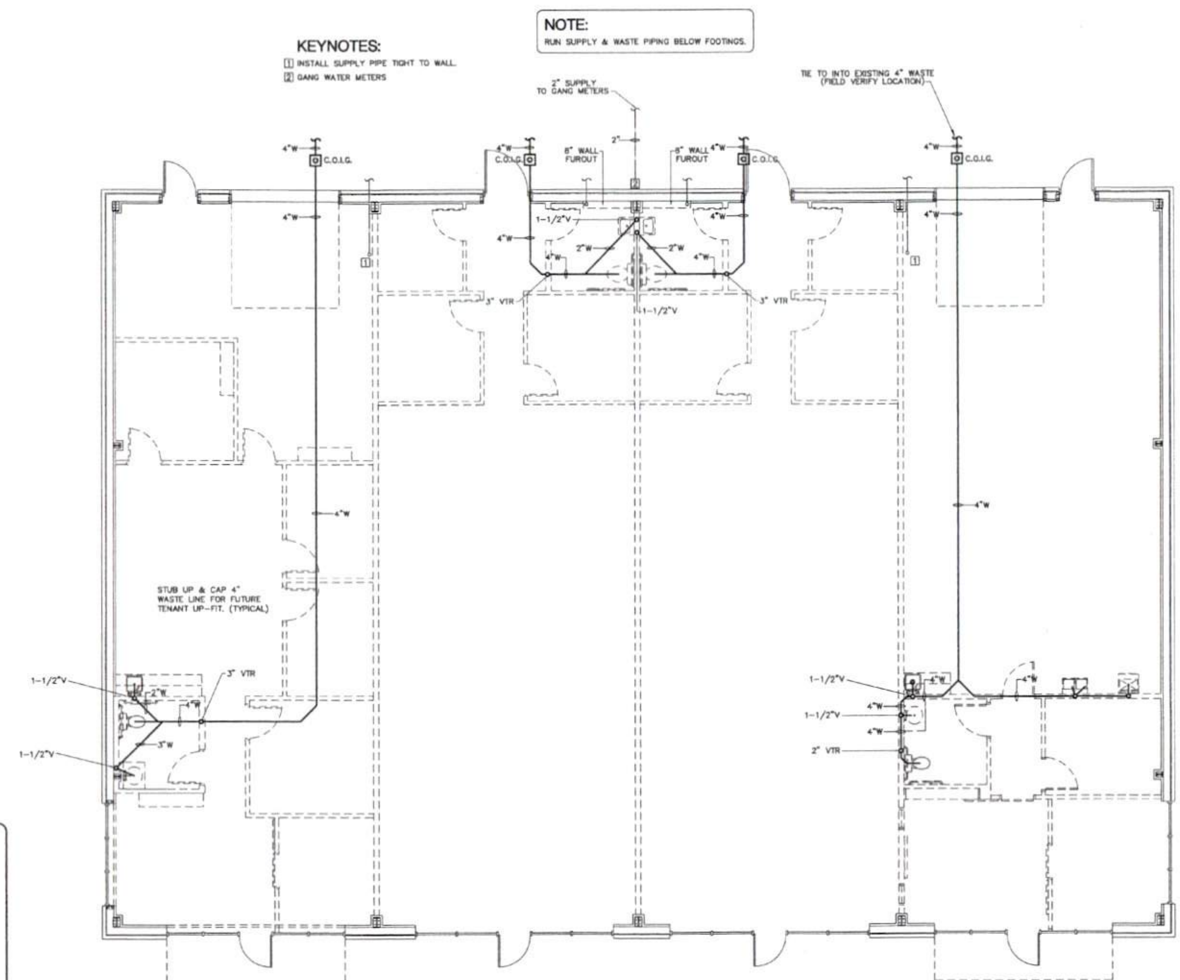
NOT TO SCALE

GENERAL PLUMBING NOTES

1. ALL WORK SHALL BE IN COMPLIANCE WITH APPLICABLE LOCAL, STATE, AND NATIONAL CODES.
2. CONTRACTORS SHALL COORDINATE PIPING WITH ALL OTHER TRADES.
3. CONTRACTOR SHALL REFER TO ARCHITECTURAL/STRUCTURAL DRAWINGS FOR DIMENSIONS.
4. CONTRACTOR SHALL FURNISH AND INSTALL DIELECTRIC UNIONS AT ALL CONNECTIONS BETWEEN DISSIMILAR METALS.
5. CONTRACTOR SHALL FURNISH AND INSTALL ESCUTCHEONS AND COVER PLATES AT ALL FINISHED WALLS, CEILINGS AND FLOOR OPENINGS.
6. PIPING SHALL BE DISINFECTED IN ACCORDANCE WITH STATE AND LOCAL CODE. (REFER TO SPECIFICATIONS.)
7. ALL PIPING SHALL BE TESTED FOR LEAKS. IF ANY LEAKS ARE DETECTED THE PIPING SHALL BE REPAIRED, RESOLDERED OR REPLACED AND RETESTED.
8. ALL SOLDER SHALL BE OF THE LEAD FREE TYPE.
9. WATER HEATER SHALL BE SUPPLIED WITH FACTORY INSTALLED T&P VALVES AND SHALL HAVE UNIONS AND ISOLATION VALVES.
10. DOMESTIC WATER SUPPLY PIPING SHALL BE COPPER OR CPVC. PEX IS ALLOWED WHERE PERMITTED BY CODE.
11. WASTE AND VENT PIPING SHALL BE SCH. 40 PVC OR HEAVY DUTY CAST IRON UNDER TRAFFIC AREAS.
12. INSTALL THERMOSTATICALLY CONTROLLED MIXING VALVES AS NEEDED TO ENSURE HOT WATER TEMPERATURE TO ALL HAND WASHING LOCATIONS DOES NOT EXCEED 110°F.
13. ALL FLOOR DRAINS & HUB DRAINS SHALL BE PROVIDED WITH TRAP PRIMER EXCEPT FLOOR DRAINS IN TOILETS WHERE HOSE BIBS ARE PROVIDED.
14. HOT WATER PIPING SHALL BE INSULATED WITH 1" THICK FIBROUS GLASS INSULATION. COLD WATER PIPING SHALL BE INSULATED WITH 1/2" FIBROUS GLASS INSULATION. VAPOR BARRIER SHALL BE APPLIED TO EACH.

KEYNOTES:
1. INSTALL SUPPLY PIPE TIGHT TO WALL.
2. GANG WATER METERS

NOTE:
RUN SUPPLY & WASTE PIPING BELOW FOOTINGS.



PLUMBING WASTE & VENT PIPING PLAN

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

PLANS FOR:
T&L COATS
BUILDING #2
COATS, NORTH CAROLINA

REVISIONS

NO.	

Cruse And Associates, P.A.
414 E. Edgerton St. Dunn, North Carolina 28334
PH: (910) 892-4428 FAX: (910) 892-5128
LICENSE NO. C-1781

DATE 10-07-22
DRAWN BY BAM
JOB NO. 22-14

SHEET NO. P-1 OF 1

ASCENT
BUILDINGS

LETTER OF CERTIFICATION

7/20/22

Barefoot Building Company
3636 NC Hwy 27 E
Coats, NC 27521

JOB NUMBER: 22-10407
T&L Coats Building 2
Coats, NC 27521
69'-2" x 99'-2" x 16'-0" x 17'-6"

To Whom It May Concern:

This letter is to certify that the building designed by Ascent Buildings LLC is in accordance with order documents, shown on the attached Design Criteria sheet.

Items added to building related to use and occupancy, such as sprinklers, are not addressed in these documents.

When properly erected on an adequate foundation, in accordance with erection dwgs as supplied and components furnished, will meet the attached loading requirements.

Field modifications or design of materials not supplied by Ascent Buildings LLC are not covered by this certification.

Included with this certification is design criteria and serviceability limits.

The engineer whose seal appears on this page is an employee of Ascent Buildings LLC and is not the engineer of record for the project.

Sincerely,

Jason Speegle P.E.
Ascent Buildings

Building Code ..... NCBC 18
Building Risk Category ..... II - Normal
Roof Dead Load
Superimposed .....2.5 psf
Collateral .....5 psf
Roof Live Load .....20 psf Reduction allowed Yes

Rain Intensity .....7.06 in/hr

Snow
Ground Snow Load (Pg).....15 psf
Snow Load Importance Factor (I) 1
Flat Roof Snow Load (Pf).....10.5 psf
Snow Exposure Factor (Ce).....1
Thermal Factor (Ct).....1

Wind
Ultimate Wind Speed (Vult).....118 mph mph
Wind Exposure Category.....B
Internal Pressure Coef (GCpi)...0.18,-0.18

Seismic
Seismic Importance Factor (Ie)..1
Seismic Design Category .....B
Soil Site Class .....D
Ss .....0.17g Sds.....0.18g
S1 .....0.08g Sd1.....0.13g
Analysis Procedure .....Equivalent Lateral Force

Direction	Longitudinal	Transverse
Response Modification Coefficent (R)	3	3
Seismic Response Coefficient (Cs)	0.0605	0.061
Design Base Shear in kips (V)	12.48	11.92

The material supplied by the manufacturer has been designed with the following minimum deflection criteria. The actual deflection may be less depending on actual load and actual member length.

BUILDING DEFLECTION LIMITS.....: BLDG-A

Roof Limits	Rafters	Purlins	Panels
Live: L/	180	180	60
Serviceability Wind: L/	180	150	60

Frame Limits	Sidesway	Portal Frame Sidesway
Rigid Frame Hoizontal: H/	120	
Rigid Frame Vertical: H/	180	
Seismic Drift: H/	50	50
Service-Level Crane: H/	100	
Portal Frame Horizontal: H/	N/A	120

Wall Limits	Limit
Total Wind Panels: L/	600
Total Wind Girts: L/	600
Total Wind EW Columns: L/	600

The Service Seismic limit as shown here is at service level loads.

214 Fountainhead Road
Portland, TN 37148
(615)-252-2880
www.ascentbuildings.com

INDEX OF SHEETS		
PAGE	DESCRIPTION	REV
C1	COVER SHEET	0
AB1	ANCHOR BOLT PLAN	2
AB2	ANCHOR BOLT DETAILS	2
AB2	ANCHOR BOLT REACTIONS	2
E1	ROOF FRAMING PLAN	0
E2	ROOF SHEETING PLAN	0
E3	SIDEWALL FRAMING & SHEETING	0
E4	SIDEWALL FRAMING & SHEETING	0
E5	ENDWALL FRAMING & SHEETING	0
E6	ENDWALL FRAMING & SHEETING	0
E7 & E8	RIGID FRAME ELEVATION	0
E9	WIND BENT ELEVATION	0
D1 - D4	ERECTION DETAILS	0

BUILDING LOADS / DESCRIPTION:

BUILDING:

WIDTH: 69'-2" LENGTH: 99'-2" HEIGHT: 16'-0"/ 17'-6"
(BUILDING DIMENSIONS ARE NOMINAL. REFER TO PLANS).

THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED
AND APPLIED AS REQUIRED BY : IBC 15 / NCBC 18

THE CONTRACTOR IS TO CONFIRM THAT THESE LOADS COMPLY
WITH THE REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENT.

OCCUPANCY CATEGORY:	II - Normal	
ROOF DEAD LOAD:	2.500	PSF (ROOF PANELS & PURLINS)
COLLATERAL LOAD:	5	PSF
ROOF LIVE LOAD:	20.00	PSF (REDUCIBLE)
GROUND SNOW LOAD:	15	PSF
SNOW LOAD IMPORTANCE:	1.0000	PSF
ROOF SNOW LOAD:	10.5	PSF
SNOW EXPOSURE:	1.0000	
THERMAL FACTOR:	1.00	
BASIC WIND SPEED:	118 mph	MPH
WIND EXPOSURE:	B	
WIND LOAD IMPORTANCE:	1.00	
INTERNAL PRESSURE COEFF.:	0.18 / -0.18	
SEISMIC IMPORTANCE FACTOR:	1.00	
SEISMIC DESIGN CATEGORY:	B	
SEISMIC ZONE:	B	
SITE CLASS:	D	
MAPPED SPECTRAL RESPONSE ACC.	Ss 0.17	
	Sl 0.08	
SPECTRAL RESPONSE COEFF.	Sds 0.18	
	Sd1 0.13	
DESIGN BASE SHEAR, V: LONGITUDINAL	12.48	
TRANSVERSE	11.92	

ROOF PANELS:

TYPE: RL GAGE: 26 COLOR: Galvalume Plus 25-yr

WALL PANELS:

TYPE: RLR GAGE: 26 COLOR: Galvalume Plus 25-yr

PARAPET BACK PANEL

TYPE: ML GAGE: 26 COLOR: Brown

SOFFIT PANELS:

TYPE: N/A GAGE: N/A COLOR: N/A

TRIM COLORS:

RAKE:	Galvalume Plus 25-yr
EAVE:	Galvalume Plus 25-yr
CORNER:	Galvalume Plus 25-yr
FRAMED OPENINGS:	Galvalume Plus 25-yr
BASE:	Galvalume Plus 25-yr
DOWNSPOUTS:	Brown
LINER:	N/A
SOFFIT:	N/A

DEFLECTION LIMTS:

EW COL:	600
EW RAF LIVE:	180
EW RAF WIND:	180
WALL GIRT:	600
PURL LIVE:	180
PURL WIND:	150
WALL PANEL:	600
ROOF PANEL LIVE:	60
ROOF PANEL WIND:	60
RF HORIZONTAL:	120
RF VERTICAL:	180
WIND BENT:	120
RF CRANE:	100
RF SEIS:	50
WIND BENT SEIS:	50

GENERAL NOTES:

1) MATERIALS :

	MINIMUM YIELD:		
HOT ROLLED BAR	FY =	50.0000	ksi MIN.
STRUCTURAL STEEL SHEET	FY =	50.0000	ksi MIN.
STRUCTURAL STEEL PLATE	FY =	50.0000	ksi MIN.
COLD FORMED SHAPES	FY =	57.0000	ksi MIN.
WALL SHEETING	FY =	60.0000	ksi MIN.
ROOF SHEETING	FY =	60.0000	ksi MIN.
BOLTS	A307 & A325		

THE METAL BUILDING MANUFACTURER RESERVES THE RIGHT TO SUBSTITUTE THE ABOVE MATERIALS WITH EQUAL OR BETTER MATERIAL.

2) BOLT TIGHTENING REQUIREMENTS:
ALL HIGH STRENGTH BOLTS ARE A325 UNLESS NOTED OTHERWISE. HIGH STRENGTH BOLTS SHALL BE TIGHTENED BY THE TURN OF THE NUT METHOD IN ACCORDANCE WITH THE LATEST EDITION AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS". A325 BOLTS SHALL BE INSTALLED WITH OUT WASHERS WHEN TIGHTENED BY THE "TURN OF THE NUT" METHOD. ALL BOLTED CONNECTIONS, FOR SHEAR/BEARING CONNECTION TYPE WITH BOLT THREADS EXCLUDED FROM THE SHEAR PLANE SHALL BE SNUG TIGHT ONLY.

3) ALL STRUCTUAL STEEL TO RECEIVE A RUST INHIBITIVE PRIMER. THIS PAINT IS NOT INTENDED FOR LONG TERM EXPOSURE TO THE ELEMENTS.

BUILDER / CONTRACTOR RESPONSIBILITIES

IT IS THE RESPONSIBILITY OF THE BUILDER/CONTRACTOR TO INSURE THAT ALL PROJECT PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITIES. THE SUPPLYING OF SEALED ENGINEERING DATA AND DRAWINGS FOR THE METAL BUILDING SYSTEM DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT THE METAL BUILDING SYSTEM MANUFACTURER OR ITS DESIGN ENGINEER IS ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR A CONSTRUCTION PROJECT. THE CONTRACTOR MUST SECURE ALL REQUIRED APPROVALS AND PERMITS FROM THE APPROPRIATE AGENCY AS THE CONTRACTOR MUST SECURE ALL REQUIRED APPROVALS AND PERMITS FROM THE APPROPRIATE AGENCY AS THAT THE METAL BUILDING SYSTEM MANUFACTURER CORRECTLY INTERPRETED AND APPLIED THE REQUIREMENTS OF THE CONTRACT DRAWINGS AND SPECIFICATIONS. (SECT. 4.2.1 AISC CODE OF STANDARD PRACTICES, 9TH ED.) WHERE DISCREPANCIES EXIST BETWEEN THE METAL BUILDING SYSTEM MANUFACTURER'S STRUCTURAL STEEL PLANS AND THE PLANS FOR OTHER TRADES, THE STRUCTURAL STEEL PLANS SHALL GOVERN. (SECT. 3.3 AISC CODE OF STANDARD PRACTICE 9TH ED.) DESIGN CONSIDERATIONS OF ANY MATERIALS IN THE STRUCTURE WHICH ARE NOT FURNISHED BY THE METAL BUILDING SYSTEM MANUFACTURER ARE THE RESPONSIBILITY OF THE CONTRACTORS AND ENGINEERS OTHER THAN THE METAL BUILDING SYSTEM MANUFACTURER'S ENGINEER UNLESS SPECIFICALLY INDICATED.

THE CONTRACTOR IS RESPONSIBLE FOR ALL ERECTION OF STEEL AND ASSOCIATED WORK IN COMPLIANCE WITH THE METAL BUILDING SYSTEM MANUFACTURER "FOR CONSTRUCTION" DRAWINGS.

ALL BRACING AS SHOWN AND PROVIDED BY THE METAL BUILDING SYSTEM MANUFACTURER FOR THIS BUILDING IS REQUIRED AND SHALL BE INSTALLED BY THE ERECTOR AS A PERMANENT PART OF THE STRUCTURE.

TEMPORARY SUPPORTS, SUCH AS TEMPORARY GUYS, BRACES, FALSE WORK, CRIBBING OR OTHER ELEMENTS REQUIRED FOR THE ERECTION OPERATION WILL BE DETERMINED AND FURNISHED AND INSTALLED BY THE ERECTOR. THESE TEMPORARY SUPPORTS WILL SECURE THE STEEL FRAMING, OR ANY PARTLY ASSEMBLED STEEL FRAMING, AGAINST LOADS COMPARABLE

IN INTENSITY TO THOSE FOR WHICH THE STRUCTURE WAS DESIGNED, RESULTING FROM WIND, SEISMIC FORCES AND ERECTION OPERATIONS, BUT NOT THE LOADS RESULTING FROM THE PERFORMANCE OF WORK BY OR THE ACTS OF OTHERS, NOR SUCH UNPREDICTABLE LOADS AS THOSE DUE TO TORNADO, EXPLOSION, OR COLLISION. (SECT. 7.9.1AISC CODE OF STANDARD PRACTICE, 9TH ED.)

WARNING : IN NO CASE SHOULD GALVALUME STEEL PANELS BE USED IN CONJUNCTION WITH LEAD OR COPPER. BOTH LEAD AND COPPER HAVE HARMFUL CORROSION EFFECTS ON THE ALUMINUM ZINC ALLOY COATING WHEN THEY ARE USED IN CONTACT WITH GALVALUME STEEL PANELS. EVEN RUN-OFF FROM COPPER FLASHING, WIRING, ORTUBING ONTO GALVALUME SHOULD BE AVOIDED.

ERECTOR NOTE: PANEL BUNDLES MUST BE HANDLED WITH CARE!!! USE A SPREADER BAR FOR HANDLING. THE METAL BUILDING SYSTEM MANUFACTURER IS NOT RESPONSIBLE FOR MATERIALS DAMAGED ONSITE. STORE PANELS WHERE MOISTURE CAN PROPERLY DRAIN. THE METAL BUILDING SYSTEM MANUFACTURER WILL NOT WARRANT PANELS THAT HAVE BEEN STORED WHERE MOISTURE CAN BE CAPTURED BETWEEN PANELS THAT ARE BUNDLED.

CORRECTION OF MINOR MISFITS IN THE FIELD IS CONSIDERED NORMAL AND IS NOT SUBJECT TO BACK CHARGE. MAJOR CORRECTIVE WORK MUST BE AUTHORIZED IN ADVANCED BY THE ENGINEERING DEPARTMENT OF THE METAL BUILDING SYSTEM MANUFACTURER. REQUEST TO PERFORM CORRECTIVE WORK MUST BE SUBMITTED IN WRITING ALONG WITH PHOTOS AND A DESCRIPTION OF THE MODIFICATION THAT IS BEING REQUESTED. NO BACK CHARGE WILL BE PAID THAT IS NOT AUTHORIZED IN ADVANCED BY THE METAL BUILDING SYSTEM MANUFACTURER.

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL NO. 034784 JASON SPEEGLE, P.E.

REV.	DATE	REVISION	DRN. BY	CK'D BY
△				
0	08/29/22	ISSUED FOR CONSTRUCTION	PSK	KDR
C	08/16/22	REVISED FOR PERMIT/CONST.	MAR	PNR
B	07/13/22	REVISED FOR PERMIT/CONST.	PSK	PNR
A	06/17/22	ISSUED FOR PERMIT/CONST.	MAR	PNR

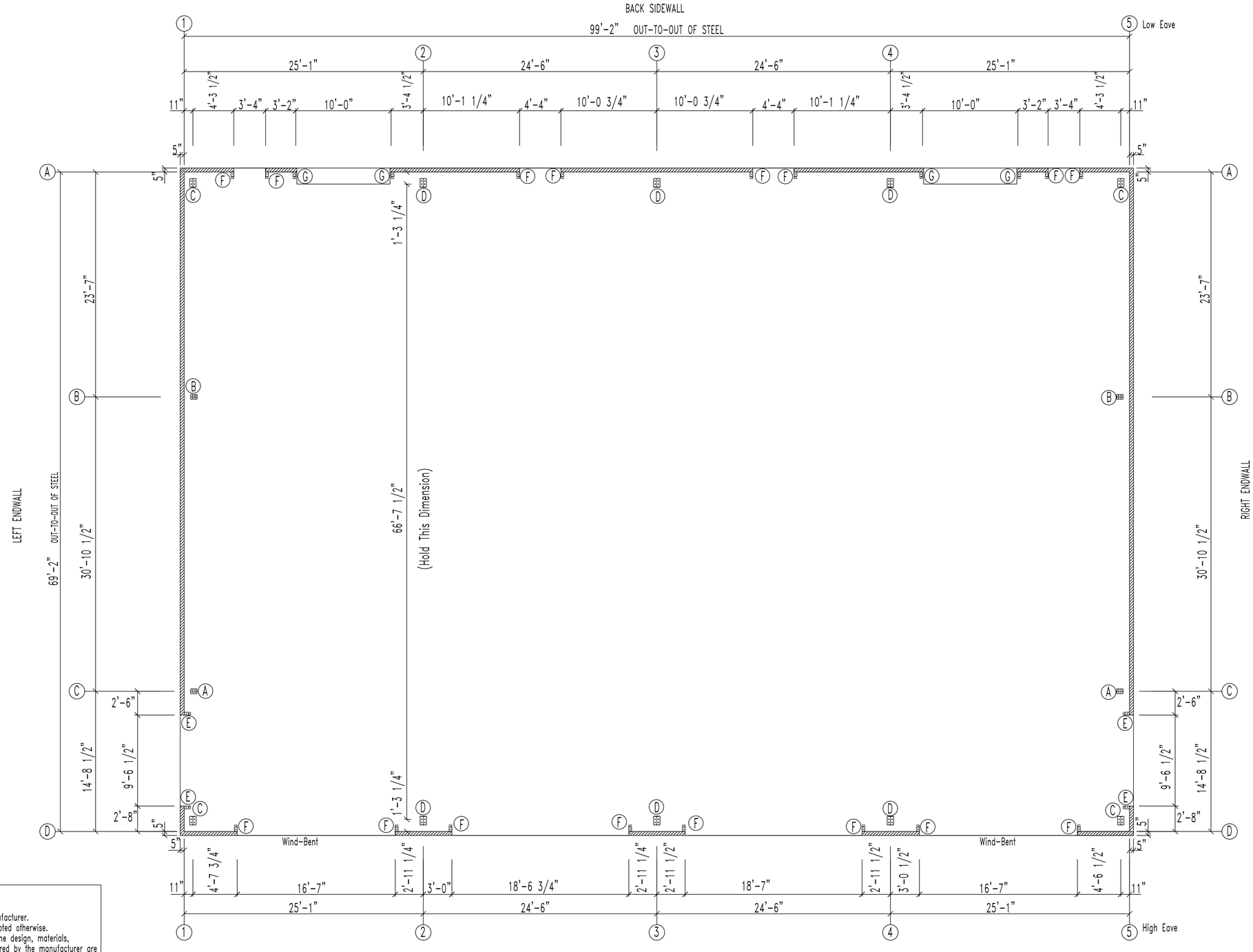
DESCRIPTION: COVER SHEET

CUSTOMER: Barefoot Building Company | PROJECT: T&L Coats Building 2

LOCATION: Coats, NC 27521

SCALE	JOB NO.	SHEET NO.
N.T.S.	22-10407	C1 OF C1

ASCENT BUILDINGS
214 Fountainhead Road Portland, TN 37148
(615)-252-2880 www.ascentbuildings.com



ANCHOR BOLT PLAN

NOTE: All Base Plates @ 100'-0" (U.N.)

GENERAL NOTES

1.) Anchor Rods are not furnished or installed by the manufacturer.
2.) No Grout is to be used under the base plates unless noted otherwise.
3.) The Metal Building Manufacturer is not responsible for the design, materials, or Workmanship of the foundation. Anchor Rod Plans prepared by the manufacturer are intended to show only location, diameter, and projection of the anchor rods required to attach the Metal Building System to the foundation. It is the responsibility of the end Customer to ensure that adequate provisions are made for specifying rod embedment, bearing values, tie rods and other associated items embedded in the concrete foundation, as well as foundation design for the loads imposed by the Metal Building System, other imposed loads, and the bearing capacity of the soil and other conditions of the building site. (MBMA 06 Sections 3.2.2 and A3)
4.) Foundation must be square and level with all anchor rods true in size, location, and projection.

ASCENT BUILDINGS
214 Fountainhead Road
Portland, TN 37148
(615)-252-2880
www.ascentbuildings.com

Job Number
22-10407

Customer
Barefoot Building Company

Project Name & Location
T&L Coats Building 2
Coats, NC 27521

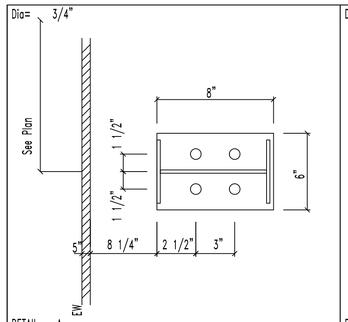
DRAWING STATUS

- ☐ Preliminary (Not For Construction)
- ☐ For Approval (Not For Construction)
- ☒ For Construction Permit
- ☐ For Erector Installation

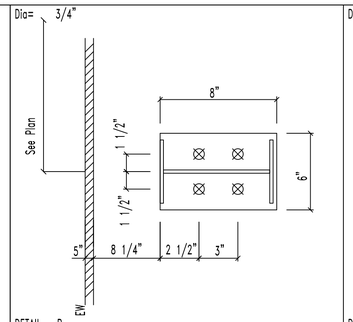
Sheet Number AB1 OF AB3
Project Engineer JRC
Drawn By: MAR
Checked By: PNR
Scale: NTS

Revision	Date	By	Chk'd	Description
0	06/17/22	MAR	PNR	ISSUED FOR CONSTRUCTION
1	07/13/22	PSK	PNR	REVISED FOR CONSTRUCTION
2	08/30/22	NC	KDR	REVISED FOR CONSTRUCTION

NORTH CAROLINA PROFESSIONAL ENGINEER NO. 034784 JASON SPEEGLE



DETAIL A



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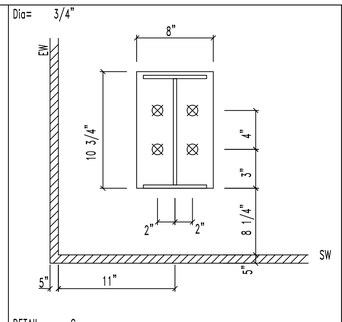
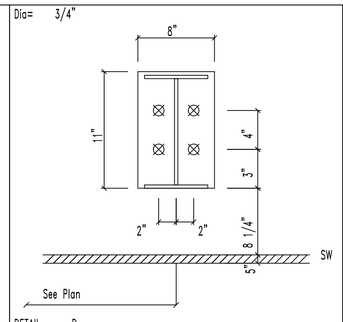
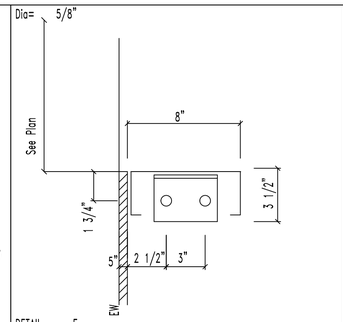


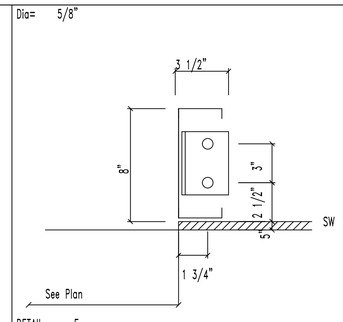
DETAIL C



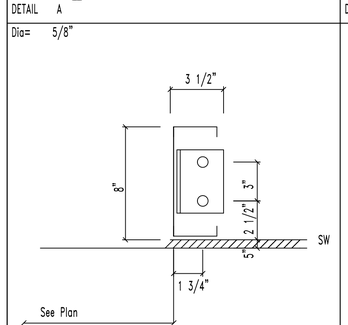
DETAIL D



DETAIL E



DETAIL F



DETAIL G

ASCENT BUILDINGS
214 Fountainhead Road
Portland, TN 37148
(615)-252-2880
www.ascentbuildings.com

Job Number
22-10407

Customer
Barefoot Building Company

Project Name & Location
T&L Coats Building 2
Coats, NC 27521

DRAWING STATUS

- ☐ Preliminary (Not For Construction)
- ☐ For Approval (Not For Construction)
- ☒ For Construction Permit
- ☐ For Erector Installation

Sheet Number AB2 OF AB3
Project Engineer JRC
Drawn By: MAR
Checked By: PNR
Scale: NTS

Revision	Date	Description	By	Chk'd
0	06/17/22	ISSUED FOR CONSTRUCTION	MAR	PNR
1	07/13/22	REVISED FOR CONSTRUCTION	PSK	PNR
2	08/16/22	REVISED FOR CONSTRUCTION	MAR	PNR

NORTH CAROLINA PROFESSIONAL ENGINEER NO. 034784 JASON SPEEGLE

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	-----Dead---- Horiz	Vert	--Collateral- Horiz	Vert	-----Live---- Horiz	Vert	-----Snow---- Horiz	Vert	--Snow_Drift- Horiz	Vert	--Wind_Left1- Horiz	Vert
1*	A	0.0	0.7	0.0	0.6	0.1	1.5	0.1	1.3	0.1	0.9	-2.0	-3.3
1*	D	0.0	0.5	0.0	0.3	-0.1	0.6	-0.1	0.5	-0.1	2.1	-2.4	1.1
1*	B	0.0	1.5	0.0	1.9	0.0	4.7	0.0	4.1	0.0	2.7	0.0	-5.8
1*	C	0.0	1.3	0.0	1.7	0.0	4.0	0.0	3.5	0.0	2.9	0.0	-8.5

Frame Line	Column Line	-Wind_Right1- Horiz	Vert	--Wind_Left2- Horiz	Vert	-Wind_Right2- Horiz	Vert	--Wind_Long1- Horiz	Vert	--Wind_Long2- Horiz	Vert	-Seismic_Left Horiz	Vert
1*	A	2.5	-0.1	-2.7	-2.3	1.9	0.9	-4.8	-8.0	7.1	2.7	-1.3	-1.0
1*	D	2.3	-3.3	-1.7	1.7	2.9	-2.8	-7.5	1.4	5.5	-16.2	-1.4	2.0
1*	B	0.0	-6.2	0.0	-2.9	0.0	-3.3	0.0	-4.4	0.0	-11.8	0.0	1.3
1*	C	0.0	-0.8	0.0	-6.2	0.0	1.5	0.0	-18.8	0.0	5.8	0.0	-2.3

Frame Line	Column Line	Seismic_Right Horiz	Vert	-Seismic_Long Horiz	Vert	-----Rain---- Horiz	Vert	-MIN_SNOW-- Horiz	Vert	F1PAT_SL_1- Horiz	Vert	F1PAT_SL_2- Horiz	Vert
1*	A	1.3	1.0	-4.1	-3.3	0.1	1.9	0.1	1.8	0.1	0.9	0.0	0.0
1*	D	1.4	-2.0	-4.6	2.3	-0.1	0.8	-0.1	0.8	-0.1	0.2	0.0	0.6
1*	B	0.0	-1.3	0.0	4.2	0.0	6.0	0.0	5.8	0.0	0.8	0.0	-0.1
1*	C	0.0	2.3	0.0	-7.3	0.0	5.2	0.0	5.1	0.0	-0.3	0.0	0.5

Frame Line	Column Line	F1PAT_SL_3- Horiz	Vert	F1PAT_SL_4- Horiz	Vert	F1PAT_LL_5- Horiz	Vert	F1PAT_LL_6- Horiz	Vert	F1PAT_LL_7- Horiz	Vert	F1PAT_LL_8- Horiz	Vert
1*	A	0.0	0.6	-0.1	-0.2	0.0	1.4	-0.2	-0.5	0.3	2.0	-0.3	-0.6
1*	D	0.0	-0.3	0.1	0.1	0.0	-0.7	0.2	0.2	-0.3	1.7	0.3	-1.1
1*	B	0.0	2.1	0.0	1.2	0.0	4.8	0.0	2.8	0.0	1.8	0.0	2.9
1*	C	0.0	1.3	0.0	2.0	0.0	3.0	0.0	4.6	0.0	0.5	0.0	3.6

Frame Line	Column Line	-----Dead---- Horiz	Vert	--Collateral- Horiz	Vert	-----Live---- Horiz	Vert	-----Snow---- Horiz	Vert	--Snow_Drift- Horiz	Vert	--Wind_Left1- Horiz	Vert
2*	A	2.2	3.3	3.2	4.2	7.8	10.2	6.8	8.9	0.4	0.4	-17.4	-17.6
2*	D	-2.2	3.3	-3.2	4.2	-7.8	10.2	-6.8	8.9	-0.4	3.0	6.8	-13.7

Frame Line	Column Line	-Wind_Right1- Horiz	Vert	--Wind_Left2- Horiz	Vert	-Wind_Right2- Horiz	Vert	--Wind_Long1- Horiz	Vert	--Wind_Long2- Horiz	Vert	-Seismic_Left Horiz	Vert
2*	A	0.3	-7.2	-14.1	-11.1	3.8	-0.7	-16.1	-18.3	1.5	-7.1	-1.1	-0.5
2*	D	12.3	-12.6	3.5	-7.2	8.7	-6.1	3.7	-18.9	11.0	-18.6	-1.0	0.5

Frame Line	Column Line	Seismic_Right Horiz	Vert	-Seismic_Long Horiz	Vert	-----Rain---- Horiz	Vert	-MIN_SNOW-- Horiz	Vert
2*	A	1.1	0.5	-4.6	-1.9	10.0	13.1	9.7	12.7
2*	D	1.0	-0.5	-4.1	-2.1	-10.0	13.2	-9.7	12.7

1* Frame lines: 1 5
2* Frame lines: 2 3 4

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Wind Press Horz	Wind Suct Horz	Seis Left Horz	Seis Right Horz	-MIN_SNOW- Horz	Vert	E1PAT_SL_1- Horz	Vert	E1PAT_SL_2- Horz	Vert	E1PAT_SL_3- Horz	Vert
1	A	0.1	-1.7	1.9	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	B *		-3.1	3.7			0.0	6.0	0.0	1.0	0.0	0.0	0.0	2.1
1	C *		-2.6	3.1			0.0	5.1	0.0	-0.1	0.0	0.5	0.0	1.3

Frm Line	Col Line	E1PAT_SL_4- Horz	Vert
1	A	0.0	0.0
1	B	0.0	1.1
1	C	0.0	2.0

Frm Line	Col Line	Dead Vert	Wind Press Horz	Wind Suct Horz	Seis Left Horz	Seis Right Horz	-MIN_SNOW- Horz	Vert	E2PAT_SL_1- Horz	Vert	E2PAT_SL_2- Horz	Vert	E2PAT_SL_3- Horz	Vert
5	C *		-2.6	3.1			0.0	5.1	0.0	0.5	0.0	-0.1	0.0	2.0
5	B *		-3.1	3.7			0.0	6.0	0.0	0.0	0.0	1.0	0.0	1.1
5	A	0.1	-1.7	1.9	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frm Line	Col Line	E2PAT_SL_4- Horz	Vert
5	C	0.0	1.3
5	B	0.0	2.1
5	A	0.0	0.0

*See Rigid Frame Interior Column Reactions

ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Grout (in)
1	A	14	1.2	0.0	15	-1.0	0.0	4	0.625	5.500	5.750	0.188	0.0
		16	1.2	0.1									
1	B *	17	2.2	-5.0	18	-1.9	-5.1						
		1	0.0	11.5									
1	C *	17	1.9	-4.4	18	-1.6	-4.3						
		1	0.0	9.9	17	1.9	-4.4						
5	C *	19	1.9	-4.4	18	-1.6	-4.3						
		1	0.0	9.9	19	1.9	-4.4						
5	B *	20	2.2	-5.1	18	-1.9	-5.0						
		1	0.0	11.5	20	2.2	-5.1						
5	A	14	1.2	0.0	15	-1.0	0.0	4	0.625	5.500	5.750	0.188	0.0
		16	1.2	0.1									

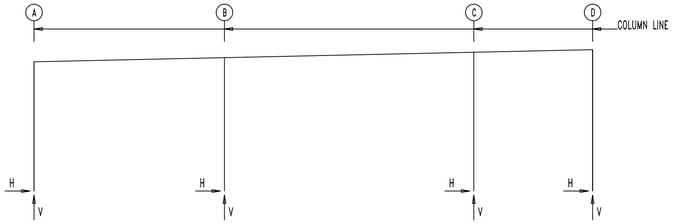
*See Rigid Frame Interior Column Reactions

GENERAL NOTES

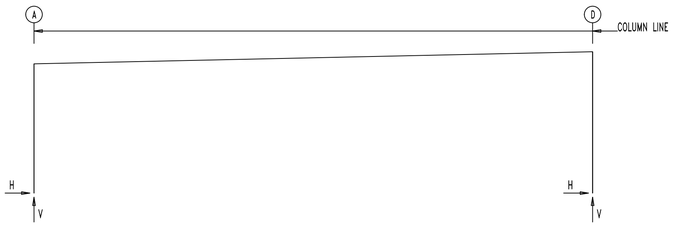
It is the repsonsibility of the end user to verify that the loads shown meet local requirements and are adequate for the intended use of the building. i.e. Ascent Buildings, LLC. does not serve as the Engineer of Record.

Ascent Buildings, LLC. IS NOT RESPONSIBLE FOR FIT OF FRAMING STEEL IN INSTANCES WHERE ANCHOR BOLTS ARE NOT SET IN THE EXACT LOCATIONS SHOWN ON THESE DRAWINGS.

FRAME LINES: 1 5



FRAME LINES: 2 3 4



RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Grout (in)
1*	A	5	4.3	2.3	13	-2.9	-1.9	4	0.750	8.000	10.75	0.500	0.0
		7	3.4	4.2	10	-2.9	-4.4						
1*	D	11	3.3	-9.4	4	-4.5	8.4	4	0.750	8.000	10.75	0.500	0.0
		6	-3.6	8.6	11	3.3	-9.4						
1*	B	12	0.0	-6.2	12	0.0	-6.2	4	0.750	6.000	8.000	0.500	0.0
		3	0.0	10.3									
1*	C	10	0.0	-10.5	10	0.0	-10.5	4	0.750	6.000	8.000	0.500	0.0
		7	0.0	10.6									

1* Frame lines: 1 5

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Grout (in)
2*	A	2	15.5	20.6	8	-9.1	-8.6	4	0.750	8.000	11.00	0.500	0.0
					10	-8.3	-9.0						
2*	D	9	6.0	-5.6	2	-15.5	20.7	4	0.750	8.000	11.00	0.500	0.0
		2	-15.5	20.7	10	0.9	-9.3						

2* Frame lines: 2 3 4

BUILDING BRACING REACTIONS

Wall Loc	Wall Line	Col Line	± Reactions(k) Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Panel_Shear (lb/ft) Wind	Seis	Note
L_EW	1								(h)
F_SW	D	1,2	4.6	5.9	3.1	4.0			(b)
		4,5	4.6	5.9	3.1	4.0			(b)
R_EW	5								(h)
B_SW	A	Torsional Bracing Used							

(b)Wind bent in bay, base above finish floor
(h)Rigid frame at endwall

ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Proj (in)
○ 48	Jamb	5/8"		
⊠ 16	Endwall	3/4"	A307	2.50
⊠ 40	Frame	3/4"	A307	2.50

NOTES FOR REACTIONS

1. All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
2. Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
3. Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
4. Building reactions are based on the following building data:

Width (ft)	=	69.2
Length (ft)	=	99.2
Eave Height (ft)	=	16.0/ 17.5
Roof Slope (rise/12)	=	0.3
Dead Load (psf)	=	2.5
Collateral Load (psf)	=	5.0
Roof Live Load(psf)	=	20.0
Frame Live Load(psf)	=	12.0
Snow Load (psf)	=	10.5
Wind Speed (mph)	=	118.0
Wind Code	=	NCBC 18 (IBC 15)
Exposure	=	B
Closed/Open	=	C
Importance Wind	=	1.00
Importance Seismic	=	1.00
Seismic Zone	=	B
Seismic Coeff (Fa*Ss)	=	0.27

5. Loading conditions are:
   1 Dead+Collateral+Live
   2 Dead+Collateral+Rain
   3 Dead+Collateral+Snow+Snow_Drift
   4 Dead+0.6Wind_Long1R
   5 Dead+0.6Wind_Long2R
   6 Dead+Collateral+0.75Snow+0.45Wind_Long1R+0.75Snow_Drift
   7 Dead+Collateral+0.75Snow+0.45Wind_Long2R+0.75Snow_Drift
   8 0.6Dead+0.6Wind_Left1
   9 0.6Dead+0.6Wind_Right1
   10 0.6Dead+0.6Wind_Long1L
   11 0.6Dead+0.6Wind_Long2L
   12 0.6Dead+0.6Wind_Long2R
   13 0.57Dead+0.7Seismic_LongL
   14 0.6Dead+0.6Wind_Right2+0.6Wind_Suction
   15 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L
   16 Dead+0.6Wind_Right2+0.6Wind_Suction
   17 0.6Dead+0.6Wind_Left1+0.6Wind_Suction
   18 0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L
   19 0.6Dead+0.6Wind_Right1+0.6Wind_Suction
   20 0.6Dead+0.6Wind_Suction+0.6Wind_Long1L

ASCENT BUILDINGS
214 Fountainhead Road
Portland, TN 37148
(615)-252-2880
www.ascentbuildings.com

Job Number: 22-10407

Customer: Barefoot Building Company

Project Name & Location: T&L Coats Building 2
Coats, NC 27521

DRAWING STATUS

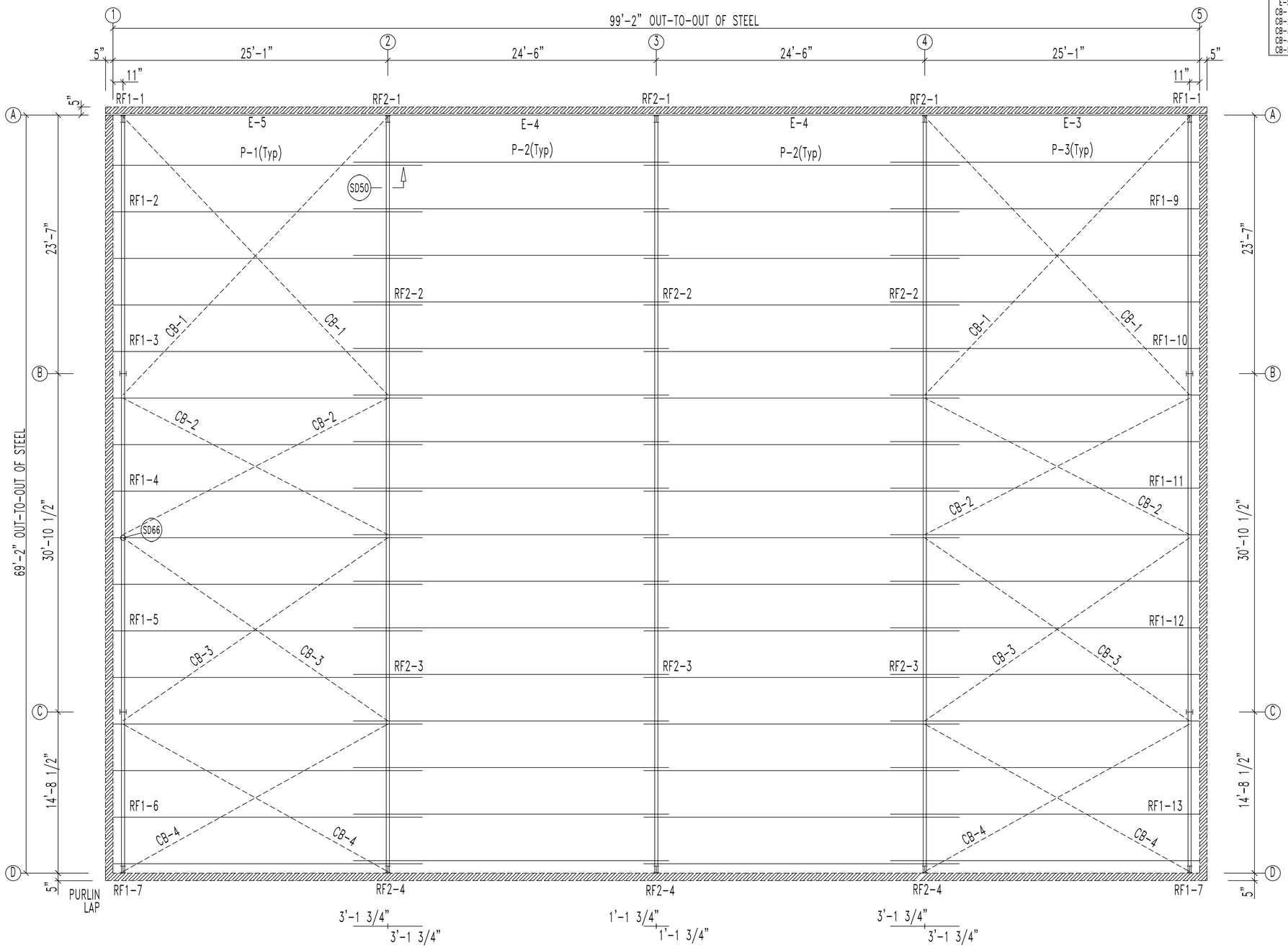
- ☐ Preliminary (Not For Construction)
- ☐ For Approval (Not For Construction)
- ☒ For Construction Permit
- ☐ For Erector Installation

Sheet Number	AB3 OF AB3
Project Engineer	JRC
Drawn By:	MAR
Checked By:	PNR
Scale:	NTS

Revision	Date	Description	By	Chk'd
0	06/17/22	ISSUED FOR CONSTRUCTION	MAR	PNR
1	07/13/22	REVISED FOR CONSTRUCTION	PSK	PNR
2	08/16/22	REVISED FOR CONSTRUCTION	MAR	PNR

NORTH CAROLINA PROFESSIONAL ENGINEER NO. 034784 JASON SPEEGLE

MEMBER TABLE ROOF PLAN		
MARK	PART	LENGTH
P-1	Z82512	27'-6 1/2"
P-2	Z82514	28'-9 1/2"
P-3	Z82512	27'-6 1/2"
E-3	08534DU0	24'-4 1/2"
E-4	08534DU0	24'-5 1/2"
E-5	08534DU0	24'-4 1/2"
CB-1	CB0250	34'-6 3/4"
CB-2	CB0250	27'-6 3/4"
CB-3	CB0313	29'-8"
CB-4	CB0313	27'-6 3/4"
CB-5	CB0313	27'-4"



ROOF FRAMING PLAN

ASCENT BUILDINGS
214 Fountainhead Road
Portland, TN 37148
(615)-252-2880
www.ascentbuildings.com

Job Number
22-10407

Customer
Barefoot Building Company

Project Name & Location
T&L Coats Building 2
Coats, NC 27521

DRAWING STATUS

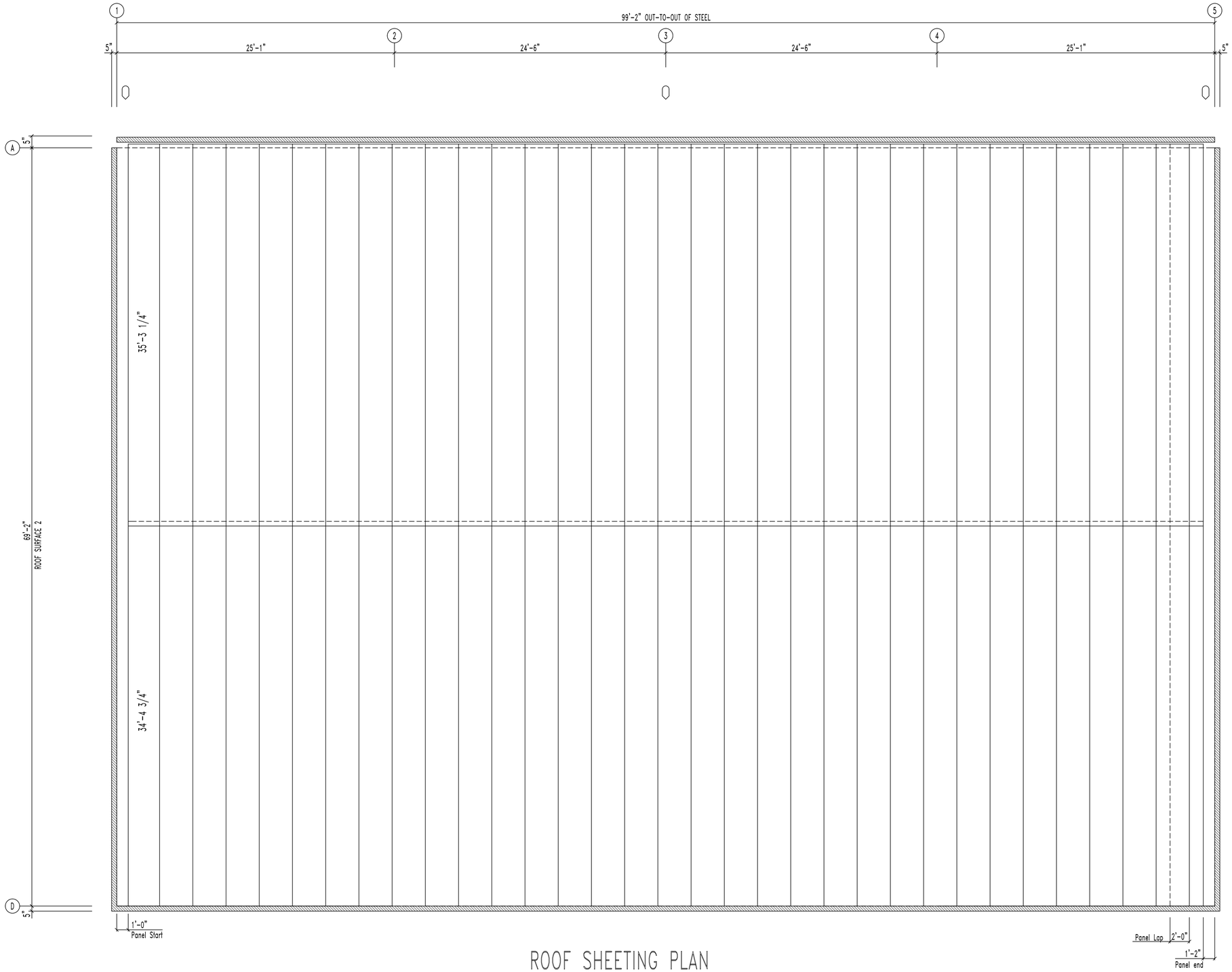
- ☐ Preliminary (Not For Construction)
- ☐ For Approval (Not For Construction)
- ☐ For Construction Permit
- ☒ For Erector Installation

Sheet Number E1 OF E9
Project Engineer JRC
Drawn By: MAR
Checked By: PNR
Scale: NTS

Revision	Date	Description	By	Chk'd
A	06/17/22	ISSUED FOR PERMIT	MAR	PNR
B	07/13/22	REVISED FOR PERMIT	PSK	PNR
0	08/29/22	ISSUED FOR CONSTRUCTION	PSK	KDR

NORTH CAROLINA PROFESSIONAL ENGINEER NO. 034784 JASON SPEEGLE

DOWNSPOUT LOCATIONS



ROOF SHEETING PLAN

PANELS: 26 Ga. RL – Galvalume Plus 25-yr

ASCENT BUILDINGS
214 Fountainhead Road
Portland, TN 37148
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Sheet Number	E2 OF E9
Project Engineer	JRC
Drawn By:	MAR
Checked By:	PNR
Scale:	NTS

Revision	Date	Description	By	Chk'd
A	06/17/22	ISSUED FOR PERMIT	MAR	PNR
B	07/13/22	REVISED FOR PERMIT	PSK	PNR
0	08/29/22	ISSUED FOR CONSTRUCTION	PSK	KDR

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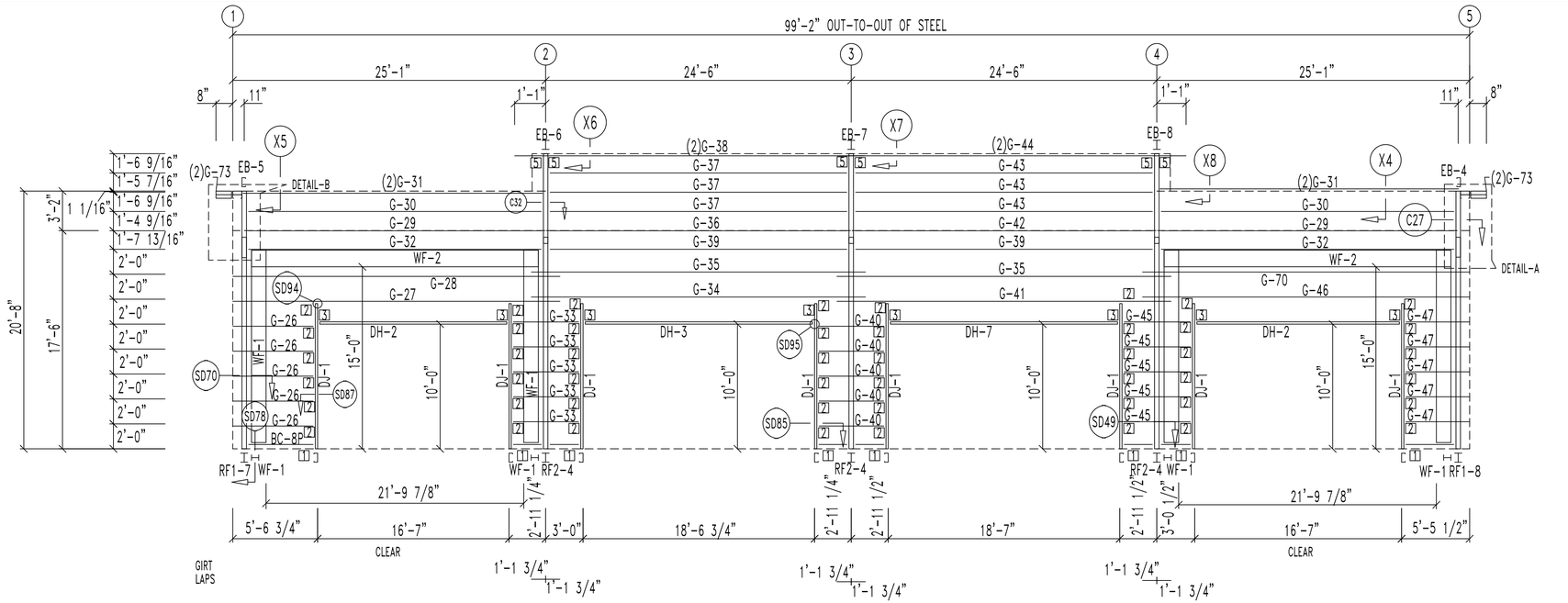
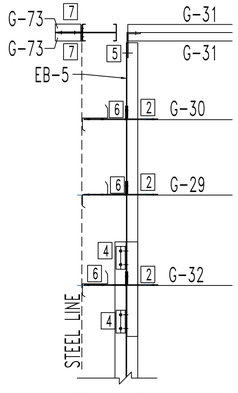
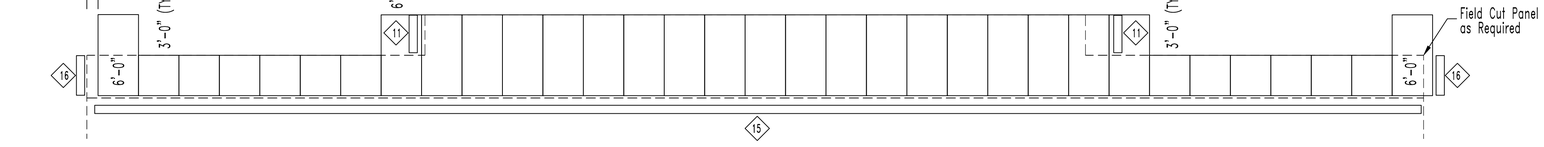


SIDEWALL FRAMING: FRAME LINE D

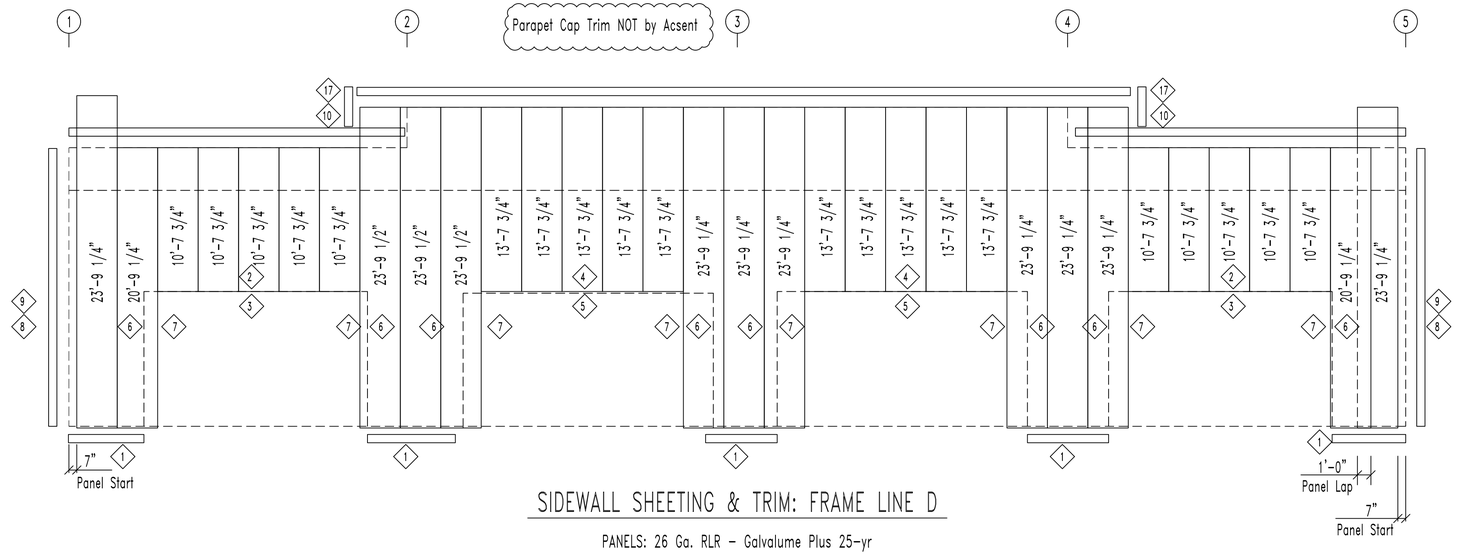


DETAIL-B



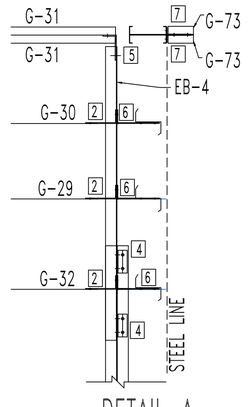
PARAPET BACK SHEETING & TRIM: LINE D

PANELS: 26 Ga. ML - Brown



SIDEWALL SHEETING & TRIM: FRAME LINE D

PANELS: 26 Ga. RLR - Galvalume Plus 25-yr



DETAIL-A

BOLT TABLE
FRAME LINE D

LOCATION	QUAN	TYPE	DIA	LENGTH
EB-4	12	A325	1/2"	1 1/2"
EB-5	12	A325	1/2"	1 1/2"
EB-6	8	A325	1/2"	1 1/2"
EB-7	8	A325	1/2"	1 1/2"
EB-8	8	A325	1/2"	1 1/2"
WF-1 - WF-2	8	A325	3/4"	2 3/4"
WF-1 - RF1-7/8	12	A325	5/8"	1 3/4"
WF-1 - RF2-4	12	A325	5/8"	1 3/4"

MEMBER TABLE
FRAME LINE D

MARK	PART	LENGTH
WF-1	B14a5c	15'-10"
WF-2	B16a6c	21'-8 7/8"
EB-4	C82516	5'-0 15/16"
EB-5	C82516	5'-0 15/16"
EB-6	W8X13	7'-10 7/16"
EB-7	W8X13	7'-10 7/16"
EB-8	W8X13	7'-10 7/16"
DU-1	C83516	11'-7 3/4"
DH-2	C82516	16'-6 1/2"
DH-3	C82516	18'-6 1/4"
DH-7	C82516	18'-6 1/2"
G-26	Z82516	5'-2 1/2"
G-27	Z82512	26'-2 1/2"
G-28	Z82516	26'-2 1/2"
G-29	Z82516	23'-6 3/4"
G-30	Z82512	23'-6 3/4"
G-31	C82514	24'-1 1/2"
G-32	Z82514	23'-6 3/4"
G-33	Z82516	5'-3 1/4"
G-34	Z82516	26'-9 1/2"
G-35	Z82516	26'-9 1/2"
G-36	Z82516	23'-11 1/2"
G-37	Z82512	23'-11 1/2"
G-38	C82514	25'-6 3/4"
G-39	Z82514	23'-11 1/2"
G-40	Z82516	5'-2 3/4"
G-41	Z82516	26'-9 1/2"
G-42	Z82516	23'-11 1/2"
G-43	Z82512	23'-11 1/2"
G-44	C82514	25'-6 3/4"
G-45	Z82516	5'-8"
G-46	Z82512	26'-2 1/2"
G-47	Z82516	5'-1 1/4"
G-70	Z82516	26'-2 1/2"
G-73	C82514	7 1/2"

TRIM TABLE
FRAME LINE D

◇ID	PART	DETAIL
1	BA204	SECTION-T1
2	HE172	TRIM_723
3	JH172	TRIM_723
4	HE192	TRIM_723
5	JH192	TRIM_723
6	JA105	TRIM_31
7	JH105	TRIM_31
8	OU202	TRIM_26
9	SF-4	TRIM_26
10	SF-3	TRIM_200
11	SF-5 (A)	TRIM_200
15	TI202	TRIM_356
16	IC1	TRIM_40
17	SF-5 (B)	TRIM_200

CONNECTION PLATES
FRAME LINE D

□ID	MARK/PART
1	SC47
2	SC45
3	SC48
4	PL1
5	PL3
6	PL4
7	PL5

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Sheet Number	E3 OF E9
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Drawn By:	MAR
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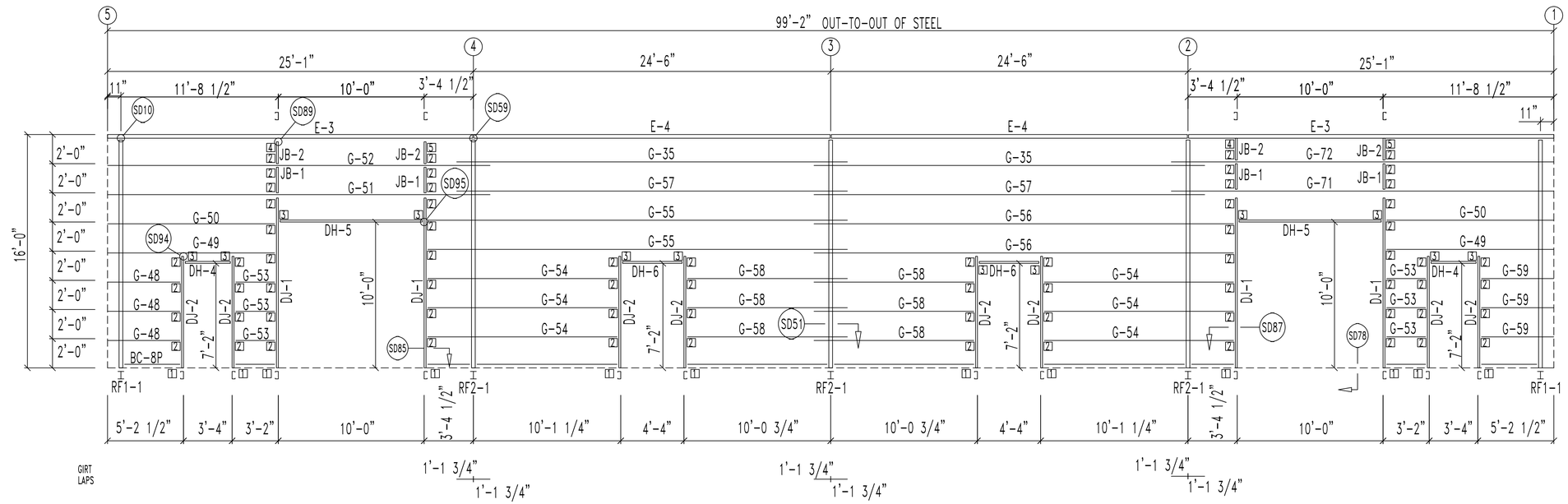
Scale:	NTS

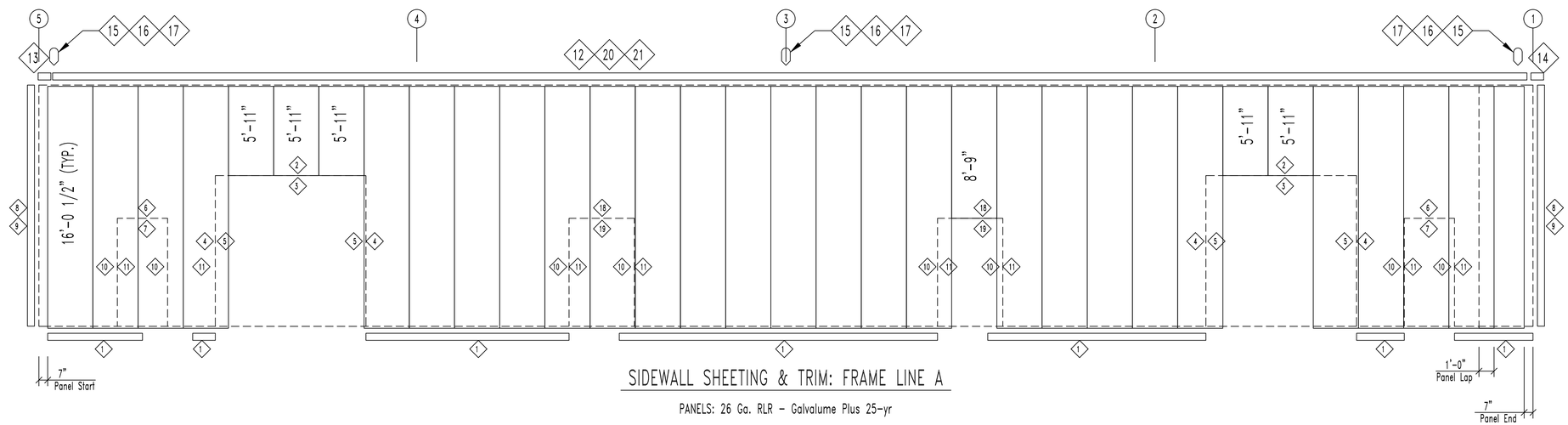
Revision	Date	Description	By	Chk'd
A	06/17/22	ISSUED FOR PERMIT	MAR	PNR
B	07/13/22	REVISED FOR PERMIT	PSK	PNR
0	08/29/22	ISSUED FOR CONSTRUCTION	PSK	KDR

NORTH CAROLINA PROFESSIONAL ENGINEER NO. 034784 JASON SPEECE

DOWNSPOUT LOCATIONS



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 Ga. RLR – Galvalume Plus 25-yr

MEMBER TABLE
FRAME LINE A

MARK	PART	LENGTH
DJ-1	C83516	11'-7 3/4"
DJ-2	C83516	7'-7 3/4"
DH-4	C82516	3'-3 1/2"
DH-5	C82516	9'-11 1/2"
DH-6	C82516	4'-3 1/2"
E-3	C8534DUO	24'-4 1/2"
E-4	C8534DUO	24'-5 1/2"
G-35	Z82516	26'-9 1/2"
G-48	Z82516	4'-10 1/4"
G-49	Z82516	11'-4 1/4"
G-50	Z82516	11'-4 1/4"
G-51	Z83512	26'-2 1/2"
G-52	Z82516	26'-2 1/2"
G-53	Z82516	2'-6"
G-54	Z82516	12'-9 3/4"
G-55	Z82516	28'-8 1/4"
G-56	Z82516	28'-8 1/4"
G-57	Z83516	26'-9 1/2"
G-58	Z82516	10'-10 1/2"
G-59	Z82516	4'-10 1/4"
G-71	Z83512	26'-2 1/2"
G-72	Z82516	26'-2 1/2"
JB-1	C82516	1'-4"
JB-2	C82516	11 3/4"

CONNECTION PLATES
FRAME LINE A

ID	MARK/PART
1	SC47
2	SC45
3	SC48
4	e2
5	e1

TRIM TABLE
FRAME LINE A

◇ID	PART	DETAIL
1	BA204	SECTION-T1
2	HE107	TRIM_723
3	JH107	TRIM_723
4	JA105	TRIM_31
5	JH105	TRIM_31
6	HE0311	TRIM_723
7	JH0311	TRIM_723
8	OU202	TRIM_26
9	SF-4	TRIM_26
10	JA077	TRIM_31
11	JH077	TRIM_31
12	GU-100A	TRIM_2
13	GEC-1L	TRIM_2
14	GEC-1R	TRIM_2
15	SF-6	TRIM_90
16	SF-7	TRIM_90
17	SF-10	TRIM_90
18	HE0411	TRIM_723
19	JH0411	TRIM_723
20	GS9	TRIM_2
21	SF-8	TRIM_2

ASCENT BUILDINGS
214 Fountainhead Road
Portland, TN 37148
(615)-252-2880
www.ascentbuildings.com

Job Number
22-10407

Customer
Barefoot Building Company

Project Name & Location
T&L Coats Building 2
Coats, NC 27521

DRAWING STATUS

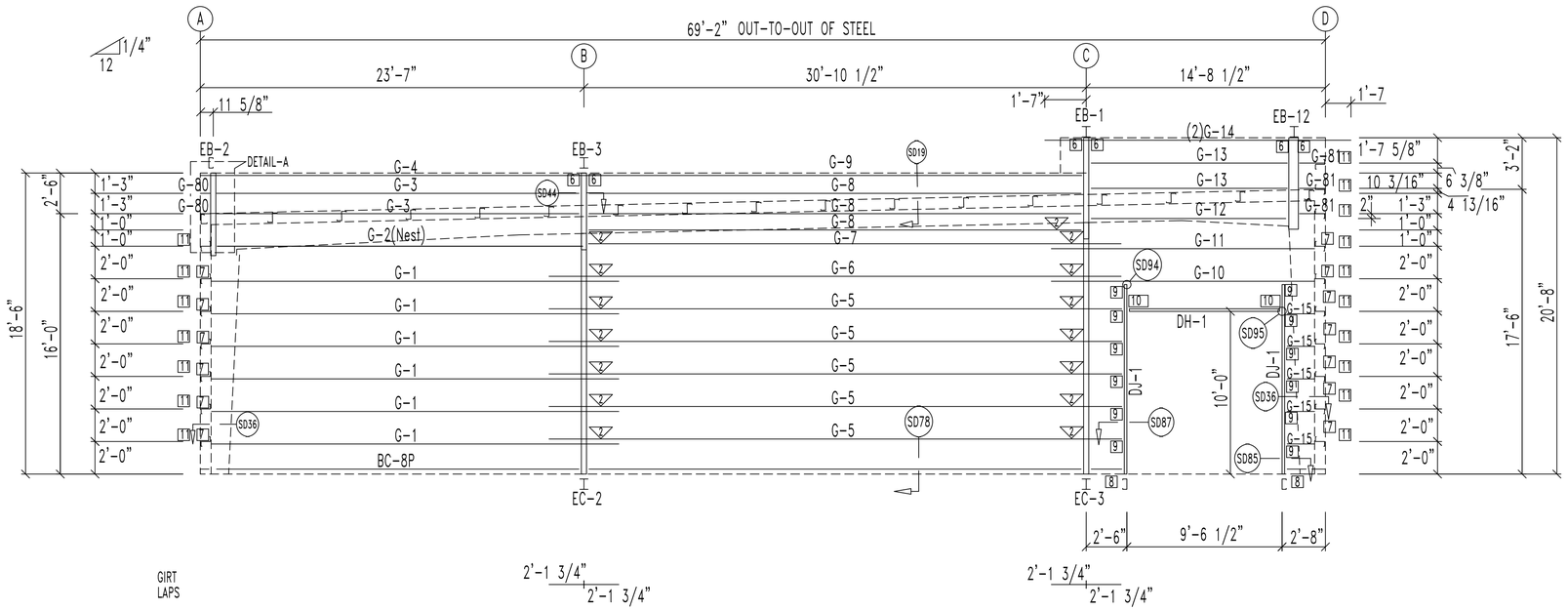
- ☐ Preliminary (Not For Construction)
- ☐ For Approval (Not For Construction)
- ☐ For Construction Permit
- ☒ For Erector Installation

Sheet Number: E4 OF E9
Project Engineer: JRC
Drawn By: MAR
Checked By: PNR
Scale: NTS

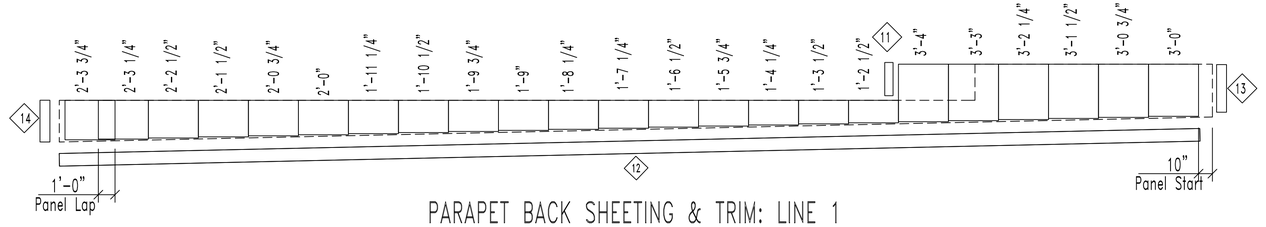
Revision	Date	Description	By	Chk'd
A	06/17/22	ISSUED FOR PERMIT	MAR	PNR
B	07/13/22	REVISED FOR PERMIT	PSK	PNR
0	08/29/22	ISSUED FOR CONSTRUCTION	PSK	KDR

The Engineer whose seal appears hereon is an employee for the manufacturer for the material described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for the project

NORTH CAROLINA PROFESSIONAL ENGINEER NO. 034784 JASON SPEEGLE

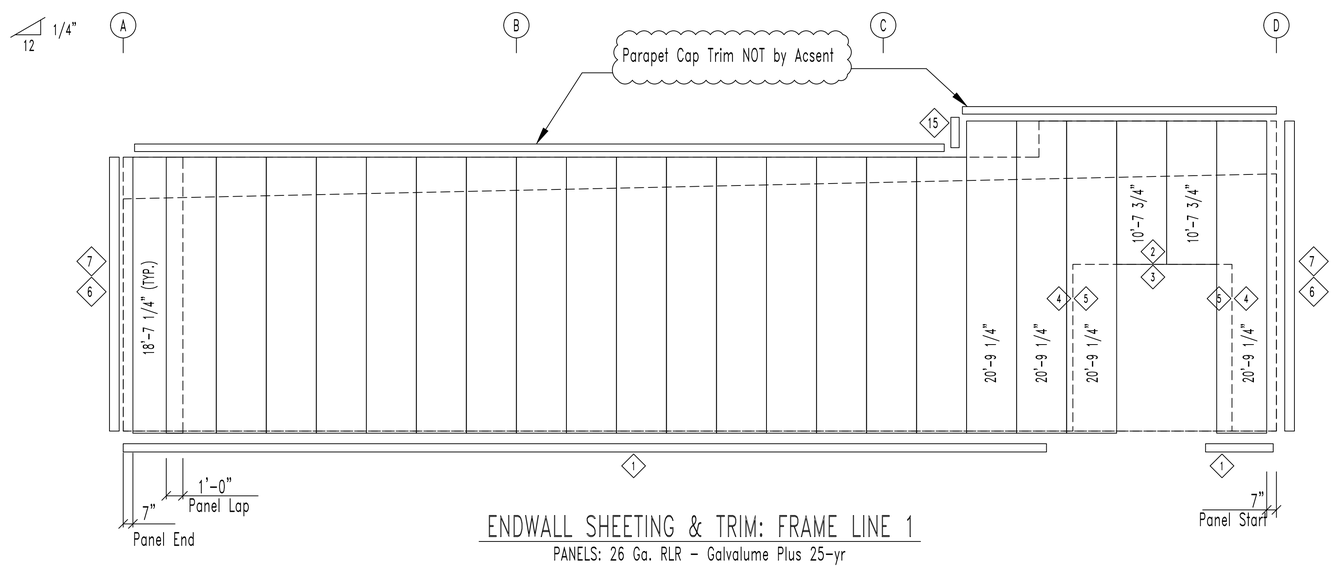


ENDWALL FRAMING: FRAME LINE 1



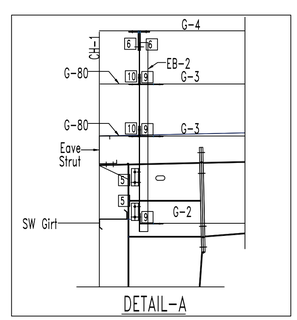
PARAPET BACK SHEETING & TRIM: LINE 1

PANELS: 26 Ga. ML - Brown



ENDWALL SHEETING & TRIM: FRAME LINE 1

PANELS: 26 Ga. RLR - Galvalume Plus 25-yr



DETAIL-A

BOLT TABLE FRAME LINE 1				
LOCATION	QUAN	TYPE	DIA	LENGTH
Int_Column/Raf	4	A325	3/4"	1 3/4"
EB-1	8	A325	1/2"	1 1/2"
EB-2	12	A325	1/2"	1 1/2"
EB-3	8	A325	1/2"	1 1/2"
EB-12	6	A325	1/2"	1 1/2"

MEMBER TABLE FRAME LINE 1		
MARK	PART	LENGTH
EB-1	W8X10	5'-10"
EB-2	C82516	4'-3 11/16"
EB-3	W8X10	4'-8 3/4"
EB-12	W8X10	5'-10 7/8"
EC-2	W8X10	14'-9 7/16"
EC-3	W8X10	15'-5 7/16"
DJ-1	C83516	11'-7 3/4"
DH-1	C82516	9'-6"
G-1	Z82516	25'-0 1/2"
G-2	Z82516	22'-0 1/8"
G-3	Z82516	22'-0 1/8"
G-4	C82516	23'-6 1/2"
G-5	Z82516	35'-2 1/4"
G-6	Z82516	35'-2"
G-7	Z83512	32'-9"
G-8	Z82512	30'-4"
G-9	C82516	30'-7"
G-10	Z82516	16'-2"
G-11	Z83516	16'-2"
G-12	Z82516	12'-8"
G-13	Z82516	12'-8"
G-14	C82514	17'-10 1/2"
G-15	Z82516	1'-7 3/4"
G-80	Z82516	11 1/8"
G-81	Z82516	1'-2 1/2"

TRIM TABLE FRAME LINE 1		
◇ID	MARK	DETAIL
1	BA204	SECTION-T1
2	HE102	TRIM_723
3	JH102	TRIM_723
4	JA105	TRIM_31
5	JH105	TRIM_31
6	OU202	TRIM_26
7	SF-4	TRIM_26
11	SF-5 (A)	TRIM_200
12	ST202	TRIM_18A
13	IC1	TRIM_40
14	SF-2	TRIM_92
15	SF-5 (B)	TRIM_200

FLANGE BRACE TABLE FRAME LINE 1				
▽ID	MARK	LENGTH	CLIP 1	CLIP 2
2	FB24.3	2'-0 1/4"	SC196	SC199

CONNECTION PLATES FRAME LINE 1	
□ID	MARK/PART
5	PL2
6	PL3
7	r1
8	SC47
9	SC45
10	SC48
11	SC5

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Job Number: 22-10407

Customer: Barefoot Building Company

Project Name & Location: T&L Coats Building 2
Coats, NC 27521

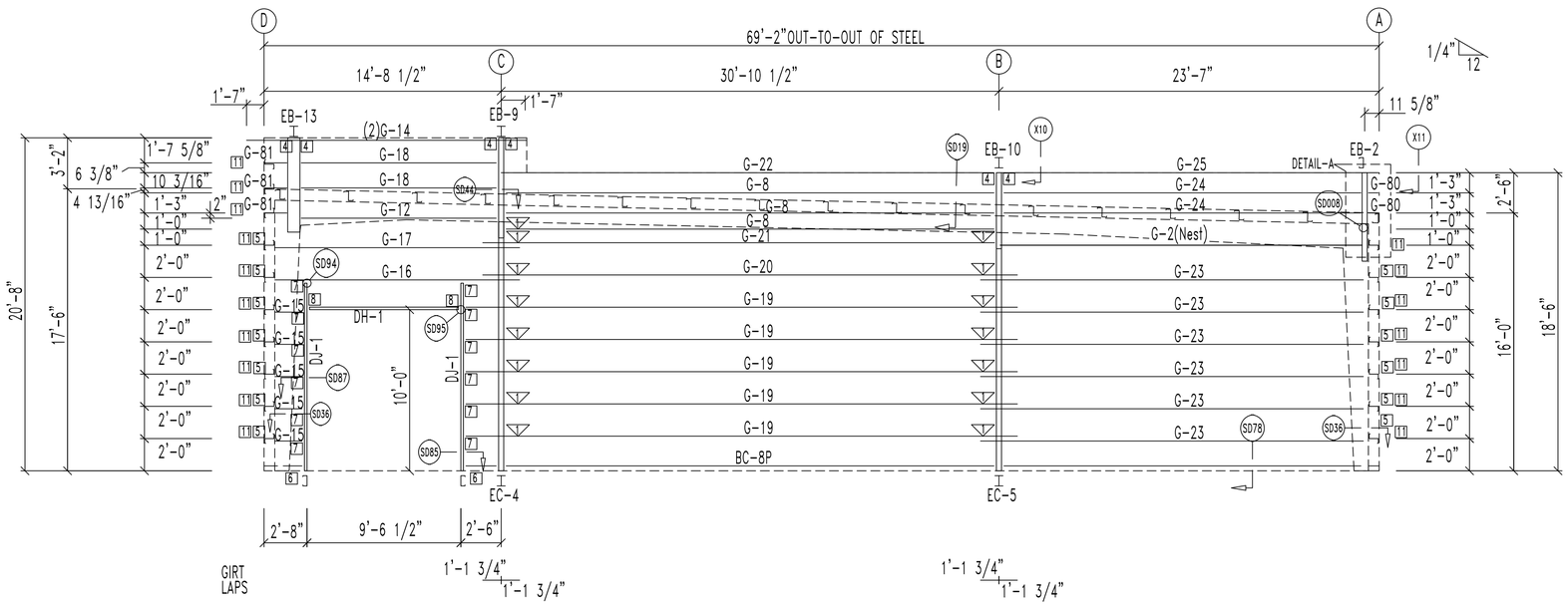
DRAWING STATUS

- ☐ Preliminary (Not For Construction)
- ☐ For Approval (Not For Construction)
- ☐ For Construction Permit
- ☒ For Erector Installation

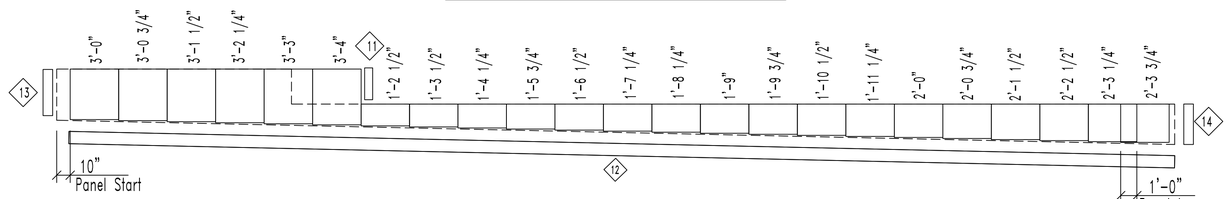
Sheet Number: E5 OF E9
Project Engineer: JRC
Drawn By: MAR
Checked By: PNR
Scale: NTS

Revision	Date	Description	By	Chk'd
A	06/17/22	ISSUED FOR PERMIT	MAR	PNR
B	07/13/22	REVISED FOR PERMIT	PSK	PNR
0	08/29/22	ISSUED FOR CONSTRUCTION	PSK	KDR

NORTH CAROLINA PROFESSIONAL ENGINEER NO. 034784 JASON SPEGGLE

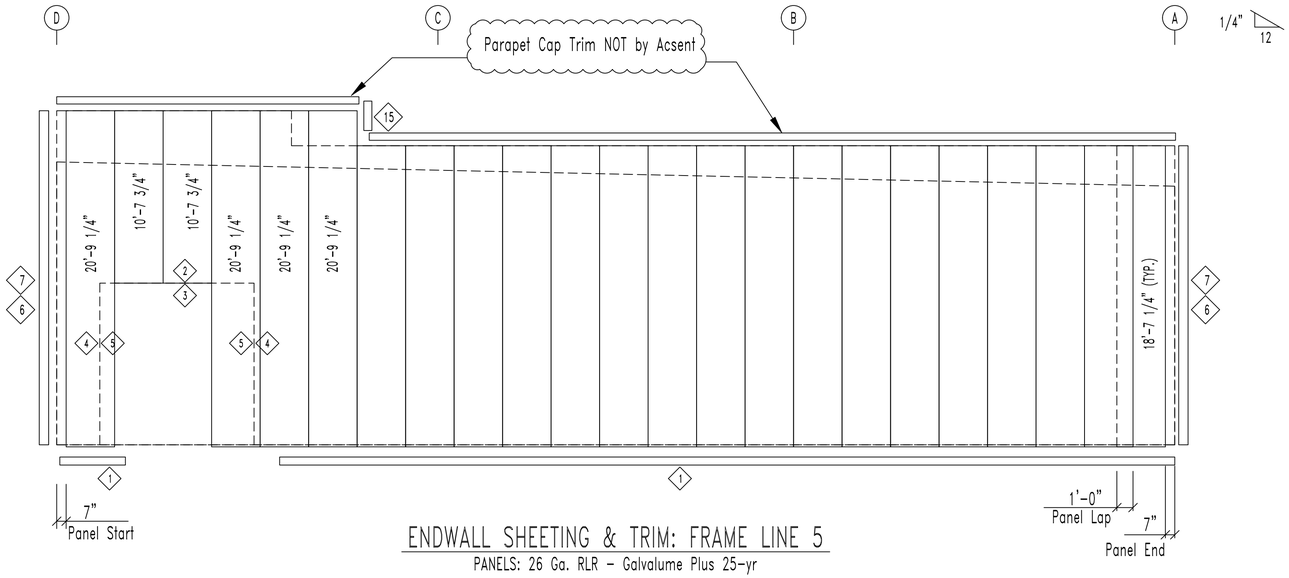


ENDWALL FRAMING: FRAME LINE 5



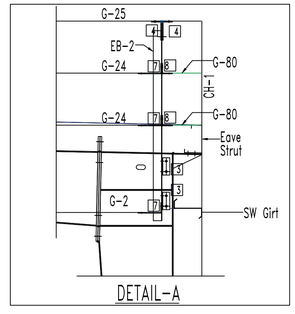
PARAPET BACK SHEETING & TRIM: LINE 5

PANELS: 26 Ga. ML - Brown



ENDWALL SHEETING & TRIM: FRAME LINE 5

PANELS: 26 Ga. RLR - Galvalume Plus 25-yr



DETAIL-A

BOLT TABLE
FRAME LINE 5

LOCATION	QUAN	TYPE	DIA	LENGTH
Int_Column/Raf	4	A325	3/4"	1 3/4"
EB-9	8	A325	1/2"	1 1/2"
EB-10	8	A325	1/2"	1 1/2"
EB-2	12	A325	1/2"	1 1/2"
EB-13	6	A325	1/2"	1 1/2"

MEMBER TABLE
FRAME LINE 5

MARK	PART	LENGTH
EB-9	W8X10	5'-10"
EB-10	W8X10	4'-8 3/4"
EB-2	C82516	4'-3 11/16"
EB-13	W8X10	5'-10 7/8"
EC-4	W8X10	15'-5 7/16"
EC-5	W8X10	14'-9 7/16"
DJ-1	C83516	11'-7 3/4"
DH-1	C82516	9'-6"
G-2	Z82516	22'-0 1/8"
G-8	Z82512	30'-4"
G-12	Z82516	12'-8"
G-14	C82514	17'-10 1/2"
G-15	Z82516	1'-7 3/4"
G-16	Z82516	15'-2"
G-17	Z83516	15'-2"
G-18	Z82516	12'-8"
G-19	Z82516	34'-2 1/4"
G-20	Z82516	33'-2"
G-21	Z83512	31'-9"
G-22	C83514	30'-7"
G-23	Z82516	24'-0 1/2"
G-24	Z82516	22'-0 1/8"
G-25	C82516	23'-6 1/2"
G-80	Z82516	11 1/8"
G-81	Z82516	1'-2 1/2"

TRIM TABLE
FRAME LINE 1

◇ID	MARK	DETAIL
1	BA204	SECTION-T1
2	HE102	TRIM_723
3	JH102	TRIM_723
4	JA105	TRIM_31
5	JH105	TRIM_31
6	OU202	TRIM_26
7	SF-4	TRIM_26
11	SF-5 (A)	TRIM_200
12	SF-11	TRIM_18A
13	IC1	TRIM_40
14	SF-2	TRIM_92
15	SF-5 (B)	TRIM_200

FLANGE BRACE TABLE
FRAME LINE 1

▽ID	MARK	LENGTH	CLIP 1	CLIP 2
1	FB24.3	2'-0 1/4"	SC196	SC199

CONNECTION PLATES
FRAME LINE 5

□ID	MARK/PART
3	PL2
4	PL3
5	r1
6	SC47
7	SC45
8	SC48
11	SC48

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Job Number
22-10407

Customer
Barefoot Building Company

Project Name & Location
T&L Coats Building 2
Coats, NC 27521

DRAWING STATUS

- ☐ Preliminary (Not For Construction)
- ☐ For Approval (Not For Construction)
- ☐ For Construction Permit
- ☒ For Erector Installation

Sheet Number E6 OF E9
Project Engineer JRC
Drawn By: MAR
Checked By: PNR
Scale: NTS

Revision	Date	By	Description
A	06/17/22	MAR PNR	ISSUED FOR PERMIT
B	07/13/22	PSK KDR	REVISED FOR PERMIT
0	08/29/22	PSK	ISSUED FOR CONSTRUCTION

NORTH CAROLINA PROFESSIONAL ENGINEER NO. 034784 JASON SPEEGLE

FLANGE BRACE TABLE
FRAME LINE 1 5

▽ ID	# SIDES	MARK	LENGTH	OFFSET	DETAIL	CLIP	CLIP2	PART
1	1	FB27.3	2'-3 1/4"	2'-4"	G26	SC196	SC199	FB2X1/8
2	1	FB25.5	2'-1 1/2"	2'-4"	G26	SC196	SC199	FB2X1/8
3	1	FB25.3	2'-1 1/4"	2'-4"	G26	SC196	SC199	FB2X1/8
4	1	FB26.5	2'-2 1/2"	2'-4"	G26	SC196	SC199	FB2X1/8

SPLICE PLATE & BOLT TABLE

Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	0	A325	1/2"	1 3/4"	6"	1/2"	2'-3 1/4"
SP-2	4	4	0	A325	1/2"	1 1/2"	6"	1/4"	1'-9 1/4"
SP-3	4	4	0	A325	1/2"	1 1/2"	6"	3/8"	1'-9 1/4"
SP-4	4	4	0	A325	5/8"	2"	6"	1/2"	2'-3 1/4"

CAP PLATE BOLTS

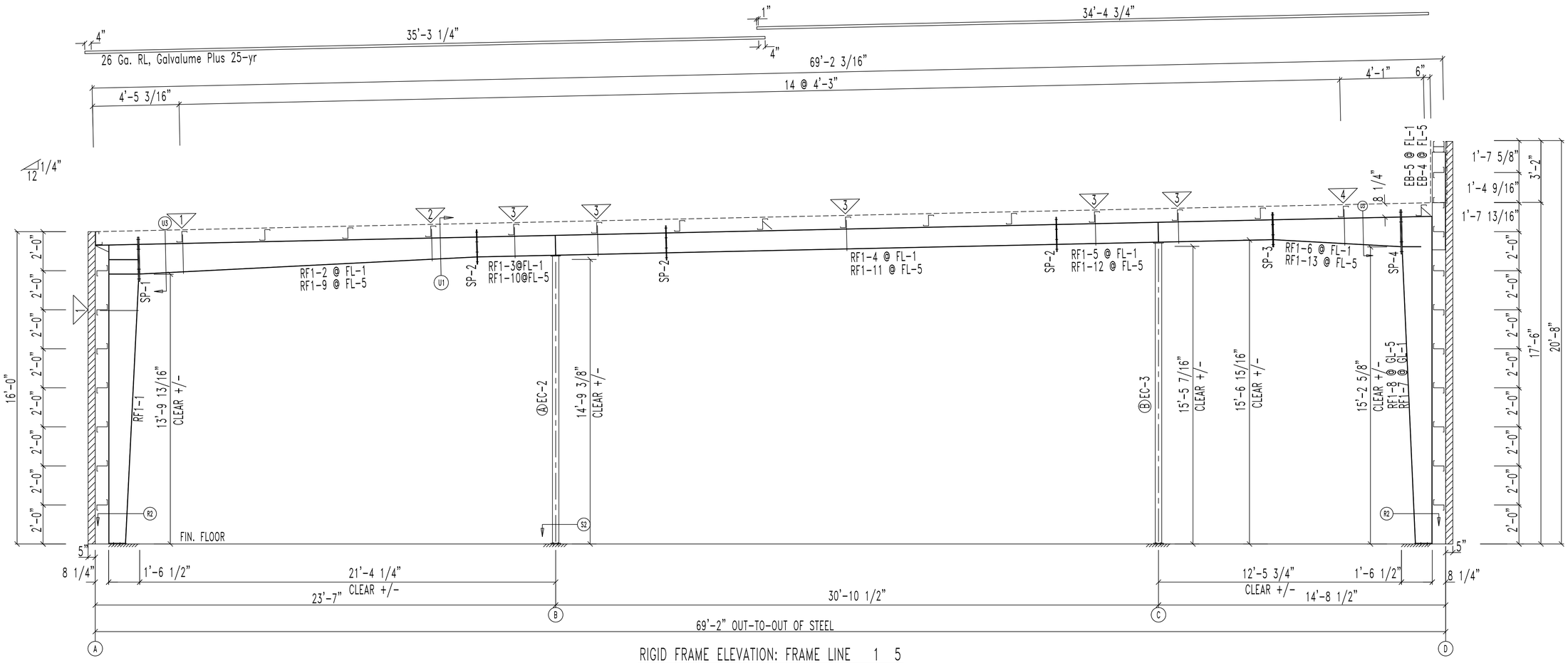
Mark	Qty	Type	Dia	Length
EC-2	4	A325	3/4"	1 3/4"
EC-3	4	A325	3/4"	1 3/4"

ALTERNATE MEMBER

Frame Line	○ID	Mark
5	A	EC-5
	B	EC-4

MEMBER TABLE

Mark	Weight	Length	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF1-1	299	15'-3 15/16"	10.0/18.0	0.135	15'-3 9/16"	5 x 1/4" x 15'-3 3/16" 5 x 1/4" x 2'-2"	5 x 1/4" x 13'-5 1/8"
RF1-2/RF1-9	309	17'-4 1/16"	18.0/12.0	0.135	17'-3 5/16"	5 x 1/4" x 17'-3 5/16"	5 x 1/4" x 17'-3 3/8"
RF1-3/RF1-10	164	9'-8 5/16"	12.0/12.0	0.135	9'-7 13/16"	5 x 1/4" x 9'-7 13/16"	5 x 1/4" x 9'-7 13/16"
RF1-4/RF1-11	311	20'-0"	12.0/12.0	0.135	19'-11 1/2"	5 x 1/4" x 19'-11 1/2"	5 x 1/4" x 19'-11 1/2"
RF1-5/RF1-12	190	11'-1"	12.0/12.0	0.135	11'-0 3/8"	5 x 1/4" x 11'-0 3/8"	5 x 1/4" x 11'-0 3/8"
RF1-6/RF1-13	140	6'-6 7/8"	12.0/18.0	0.135	6'-5"	5 x 1/4" x 6'-6"	5 x 1/4" x 6'-6 3/16"
RF1-7	382	16'-9 9/16"	18.5/10.0	0.188	16'-8 13/16"	6 x 1/4" x 1'-6 3/4" 6 x 1/4" x 16'-8 13/16"	6 x 1/4" x 14'-9 15/16"
EC-2	176	14'-9 7/16"	W8X10				
EC-3	187	15'-5 7/16"	W8X10				
EB-4	14	5'-0 15/16"	C82516				
EB-5	14	5'-0 15/16"	C82516				



RIGID FRAME ELEVATION: FRAME LINE 1 5

ASCENT BUILDINGS
214 Fountainhead Road
Portland, TN 37148
(615)-252-2880
www.ascentbuildings.com

Job Number
22-10407

Customer
Barefoot Building Company

Project Name & Location
T&L Coats Building 2
Coats, NC 27521

DRAWING STATUS

- ☐ Preliminary (Not For Construction)
- ☐ For Approval (Not For Construction)
- ☐ For Construction Permit
- ☒ For Erector Installation

Sheet Number E7 OF E9
Project Engineer JRC
Drawn By: MAR
Checked By: PNR
Scale: NTS

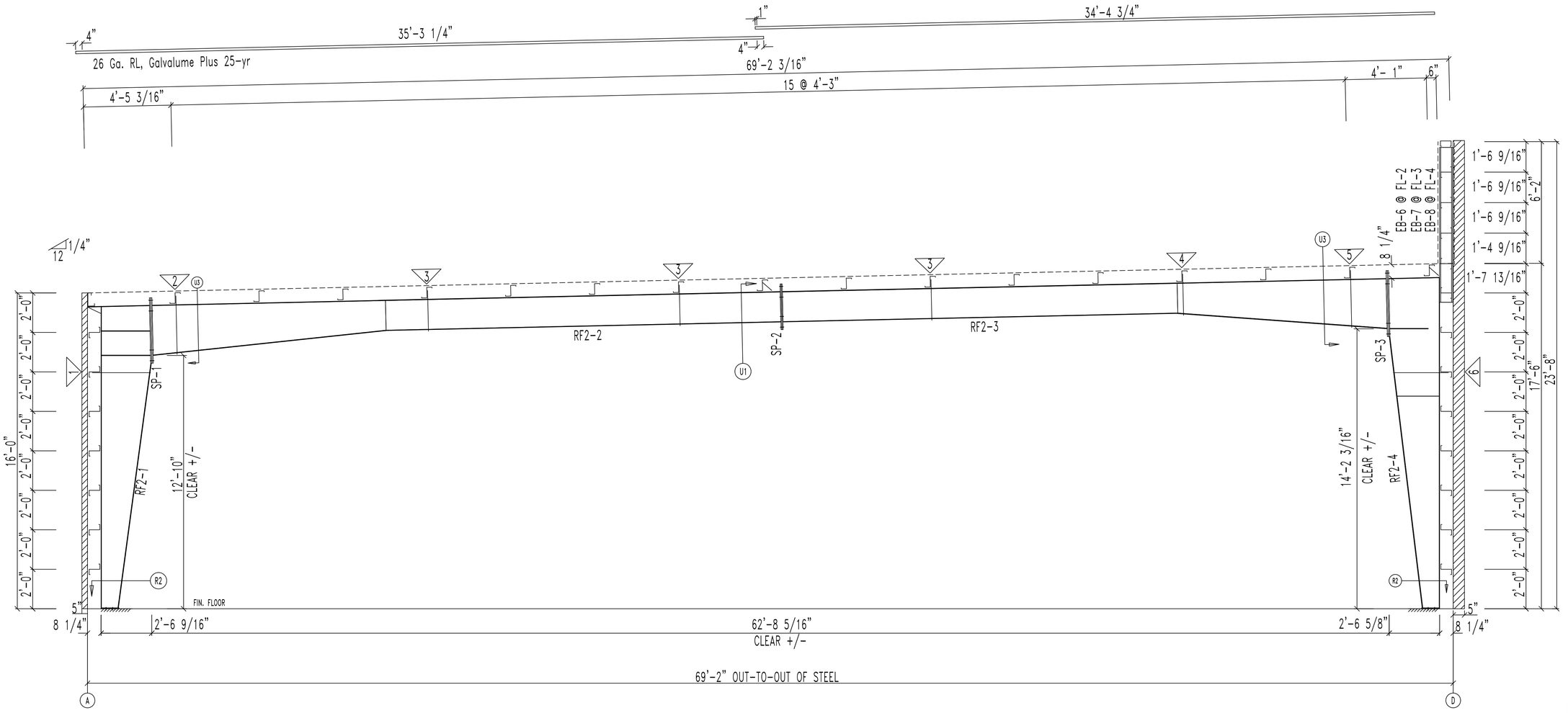
Revision	Date	Description	By	Chk'd
A	06/17/22	ISSUED FOR PERMIT	MAR	PNR
B	07/13/22	REVISED FOR PERMIT	PSK	PNR
0	08/29/22	ISSUED FOR CONSTRUCTION	PSK	KDR

NORTH CAROLINA PROFESSIONAL ENGINEER NO. 034784 JASON SPEEDLE

SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	0	A325	3/4"	2 3/4"	6"	3/4"	3'-3 3/4"
SP-2	4	4	0	A325	3/4"	2 1/4"	6"	5/8"	2'-3 3/4"
SP-3	4	4	0	A325	3/4"	2 3/4"	6"	3/4"	3'-4"

FLANGE BRACE TABLE FRAME LINE 2-4								
▽ ID	# SIDES	MARK	LENGTH	OFFSET	DETAIL	CLIP	CLIP2	PART
1	1	FB35	2'-11"	2'-4"	G26	SC196	SC199	FB2X1/8
2	1	FB34.8	2'-10 3/4"	2'-4"	G26	SC196	SC199	FB2X1/8
3	1	FB27.8	2'-3 3/4"	2'-4"	G26	SC196	SC199	FB2X1/8
4	1	FB28	2'-4"	2'-4"	G26	SC196	SC199	FB2X1/8
5	1	FB34	2'-10"	2'-4"	G26	SC196	SC199	FB2X1/8
6	1	FB33.8	2'-9 3/4"	2'-4"	G26	SC196	SC199	FB2X1/8

MEMBER TABLE										
Mark	Weight	Length	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF2-1	492	15'-3 7/8"	10.0/30.0	0.188	15'-3 3/4"	6 x 1/4" x 15'-3 1/8" 6 x 1/4" x 3'-1 3/4"	6 x 5/16" x 12'-6 1/16"
RF2-2	878	31'-11 1/4"	30.0/18.0 18.0/18.0	0.188 0.188	11'-9 7/8" 20'-0"	6 x 1/4" x 11'-5 7/8" 6 x 5/16" x 20'-4"	6 x 5/16" x 11'-10 3/8" 6 x 1/4" x 20'-0"
RF2-3	855	30'-8 7/16"	18.0/18.0 18.0/30.0	0.188 0.188	20'-0" 10'-7 1/16"	6 x 5/16" x 20'-4" 6 x 1/4" x 10'-3 1/16"	6 x 1/4" x 20'-0" 6 x 3/8" x 10'-7 9/16"
RF2-4	565	16'-9 1/2"	30.8/25.6 25.6/10.0	0.250 0.188	6'-0" 10'-8 3/4"	6 x 1/4" x 2'-7" 6 x 1/4" x 16'-8 3/4"	6 x 3/8" x 13'-10 1/4"
EB-6	127.5	7'-10 7/16"	W8X13				
EB-7	131.1	7'-10 7/16"	W8X13				
EB-8	130.1	7'-10 7/16"	W8X13				



RIGID FRAME ELEVATION: FRAME LINE 2-4

ASCENT BUILDINGS
214 Fountainhead Road
Portland, TN 37148
(615)-252-2880
www.ascentbuildings.com

Job Number
22-10407

Customer
Barefoot Building Company

Project Name & Location
T&L Coats Building 2
Coats, NC 27521

DRAWING STATUS

- ☐ Preliminary (Not For Construction)
- ☐ For Approval (Not For Construction)
- ☐ For Construction Permit
- ☒ For Erector Installation

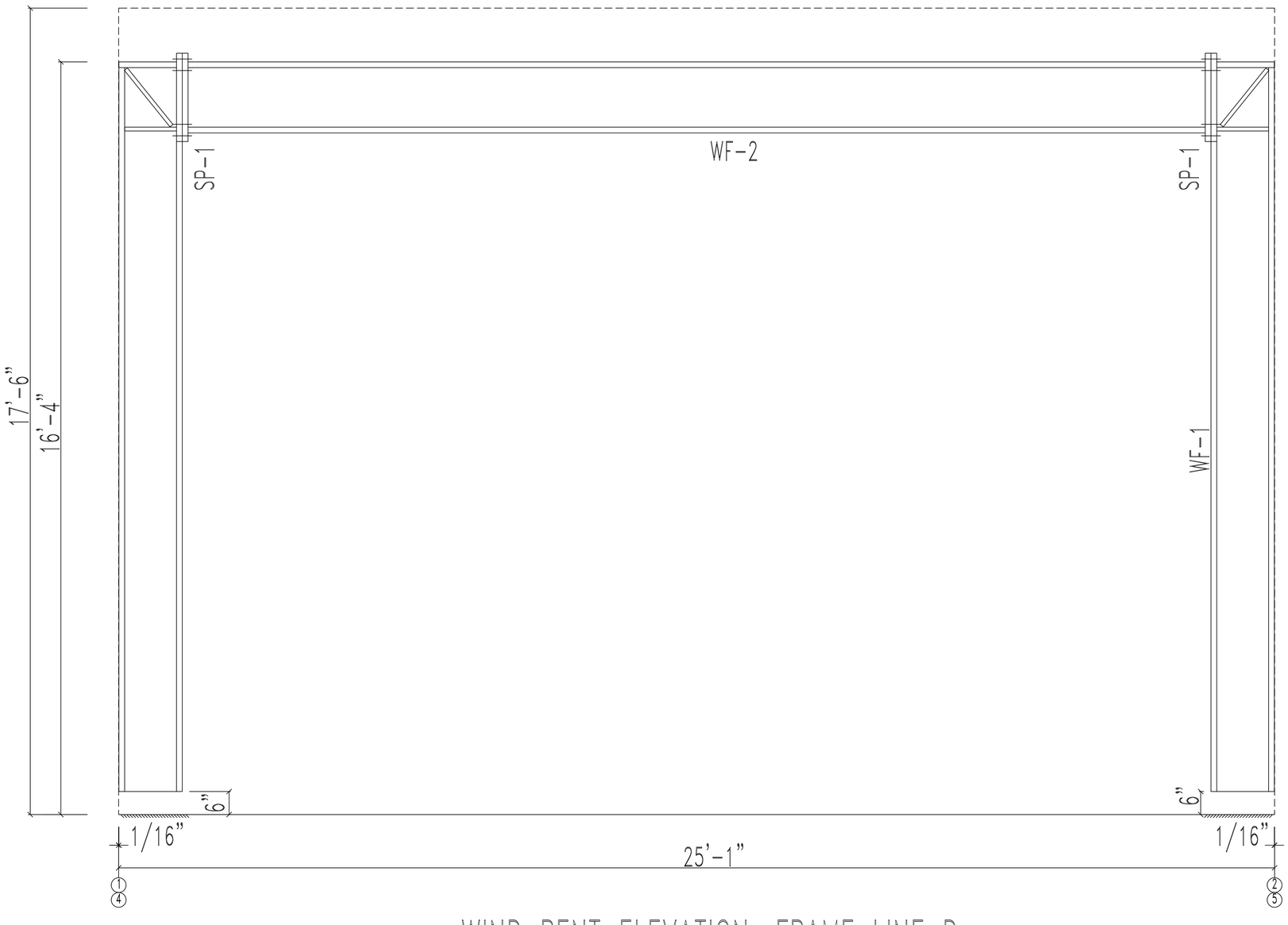
Sheet Number E8 OF E9
Project Engineer JRC
Drawn By: MAR
Checked By: PNR
Scale: NTS

Revision	Date	By	Chk'd	Description
A	06/17/22	MAR	PNR	ISSUED FOR PERMIT
B	07/13/22	PSK	PNR	REVISED FOR PERMIT
0	08/29/22	PSK	KDR	ISSUED FOR CONSTRUCTION

NORTH CAROLINA PROFESSIONAL ENGINEER NO. 034784 JASON SPEGELE

SPLICE BOLTS					
Splice Mark	Quan Top/	Bot	-----Bolt----- Type	Dia	Length
SP- 1	4	4	A325	3/4"	2 3/4"

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
WF-2	B16a6c	21'-8 7/8"
WF-1	B14a5c	15'-10"



WIND BENT ELEVATION: FRAME LINE D

ASCENT BUILDINGS
214 Fountainhead Road
Portland, TN 37148
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www.ascentbuildings.com

Job Number
22-10407

Customer
Barefoot Building Company

Project Name & Location
T&L Coats Building 2
Coats, NC 27521

DRAWING STATUS

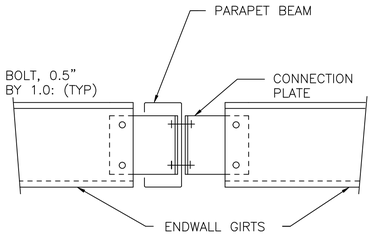
- ☐ Preliminary (Not For Construction)
- ☐ For Approval (Not For Construction)
- ☐ For Construction Permit
- ☒ For Erector Installation

Sheet Number E9 OF E9
Project Engineer JRC
Drawn By: MAR
Checked By: PNR
Scale: NTS

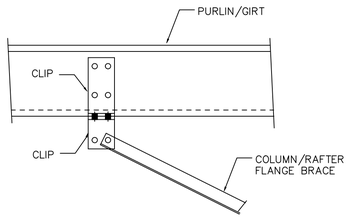
Revision	Date	Description	By	Chk'd
A	06/17/22	ISSUED FOR PERMIT	MAR	PNR
B	07/13/22	REVISED FOR PERMIT	PSK	PNR
0	08/29/22	ISSUED FOR CONSTRUCTION	MAR	KDR

The Engineer whose seal appears hereon is an employee for the manufacturer for the material described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for the project

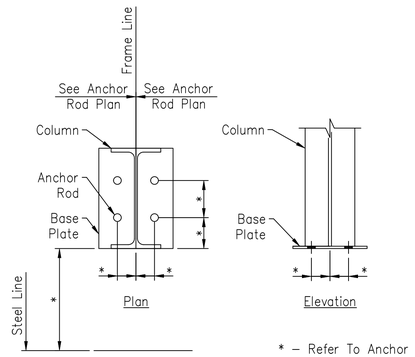
NORTH CAROLINA PROFESSIONAL ENGINEER NO. 034784 JASON SPEECE



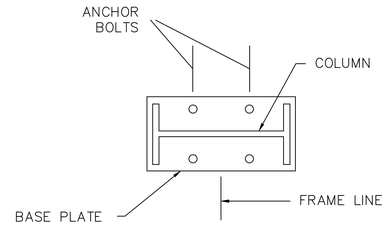
C27 WALL GIRT TO PARAPET BEAM



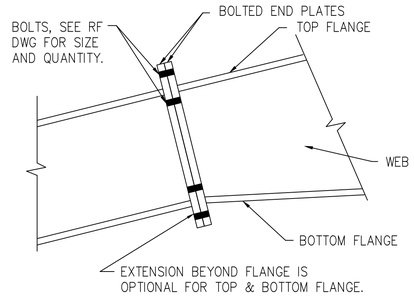
G26 FLANGE BRACE TO PURLIN/GIRT CLIPS



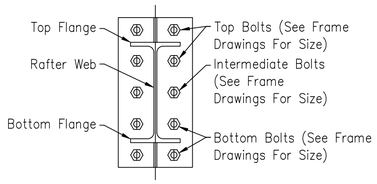
R2 Anchor Rods At Frame Column



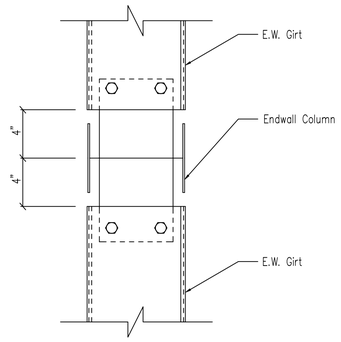
S2 INTERIOR COLUMN ANCHOR BOLTS



U1 Bolted End Plate Rafter Connection

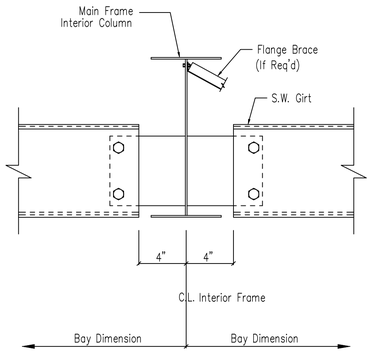


U3 Bolts At Rigid Frame Rafter To Column Connection



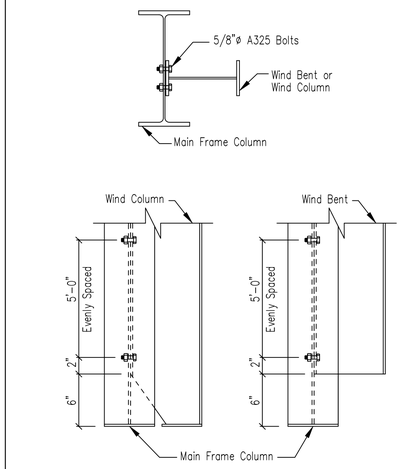
Note: All connection bolts are 1/2" x 1-1/4" machine bolts unless noted.

Girt to Hot Rolled Endwall Column Connection — DRAWING NO. SD44

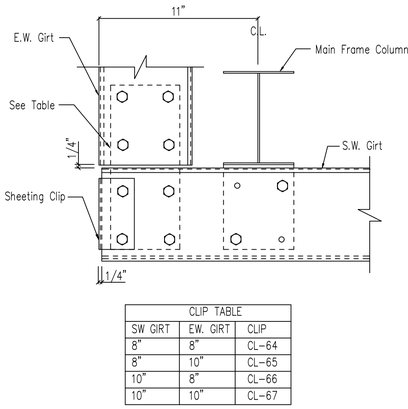


Note: All connection bolts are 1/2" x 1" machine bolts unless noted.

Section at Interior MF Column
Flush Sidewall — DRAWING NO. SD49



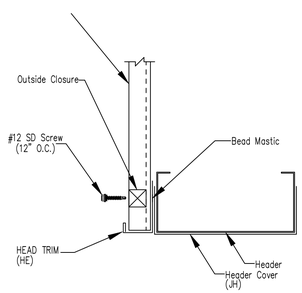
Wind Column/Wind Frame Detail — DRAWING NO. SD70



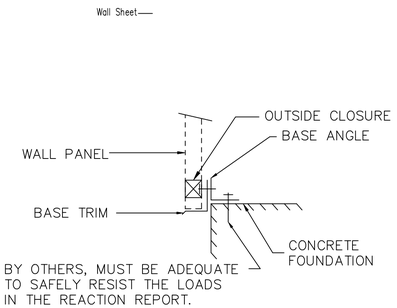
CLIP TABLE		
SW GIRT	EW. GIRT	CLIP
8"	8"	CL-64
8"	10"	CL-65
10"	8"	CL-66
10"	10"	CL-67

Note: All connection bolts are 1/2" x 1" machine bolts unless noted.

Section at MF Corner Column
Flush Endwall — DRAWING NO. SD36



TRIM_723 Trim At Header Framed Opening



T1 SECTION THRU WALL PANEL AND CONCRETE FOUNDATION

ASCENT BUILDINGS
214 Fountainhead Road
Portland, TN 37148
(615)-252-2880
www.ascentbuildings.com

Job Number: 22-10407

Customer: Barefoot Building Company

Project Name & Location: T&L Coats Building 2
Coats, NC 27521

DRAWING STATUS

- ☐ Preliminary (Not For Construction)
- ☐ For Approval (Not For Construction)
- ☐ For Construction Permit
- ☒ For Erector Installation

Sheet Number: D1 OF D4
Project Engineer: JRC
Drawn By: MAR
Checked By: PNR
Scale: NTS

Revision	Date	Description	By	Chk'd
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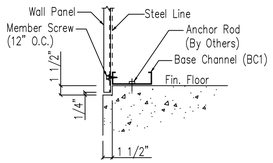
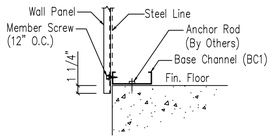
C	08/29/22	ISSUED FOR CONSTRUCTION	PSK	KDR

NORTH CAROLINA PROFESSIONAL ENGINEER NO. 034784 JASON SPEEGLE



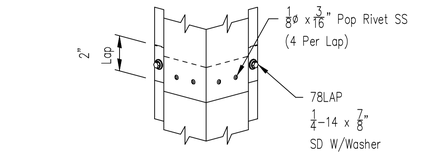
Base Detail w/ Sheeting Notch



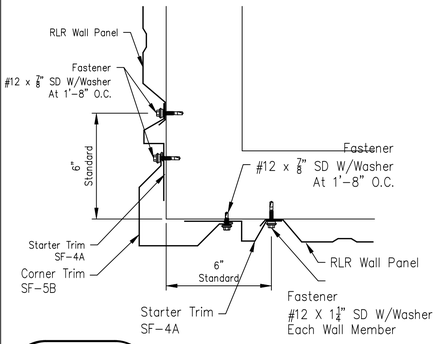
Base Detail w/o Sheeting Notch

See Trim Details for Optional Base Flashing
NOTE: If insulation is required install trim first.
NOTE: A minimum of 1/4" space should be allowed from the sheet end to any surface.

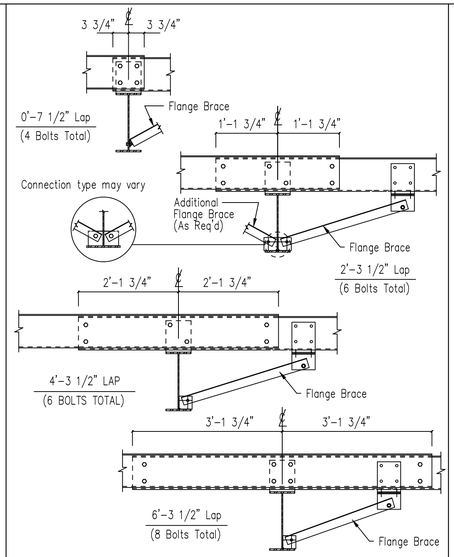
Base Channel Installation — DRAWING NO. SD78



Trim Lap



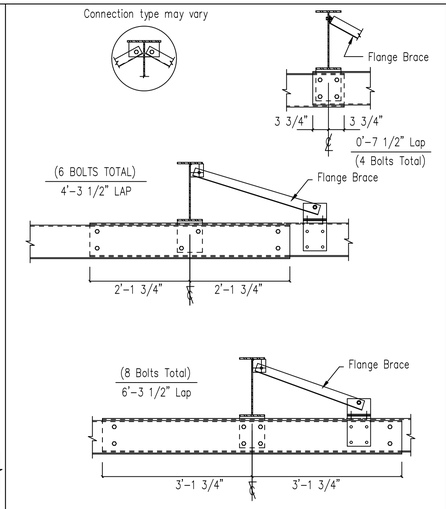
TRIM_26 — Corner Trim On Module



Note: All connection bolts are 1/2" x 1" machine bolts unless noted.

Interior Bay Purlin Framing — DRAWING NO. SD50

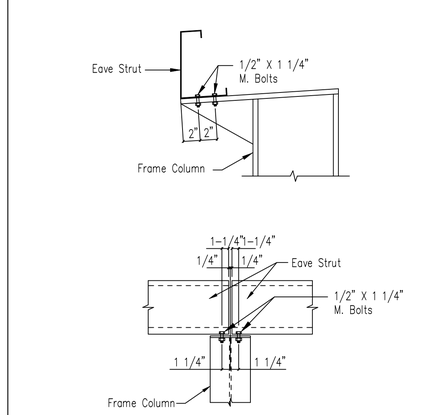
Created On: 8/26/11



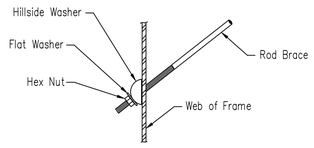
Note: All connection bolts are 1/2" x 1" machine bolts unless noted.

Interior Bay Girt Framing — DRAWING NO. SD51

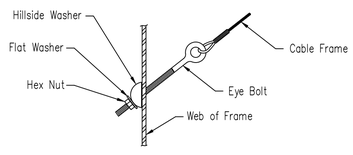
Created On: 8/26/11



Eave Strut at Interior Column
By-Pass Sidewall — DRAWING NO. SD59

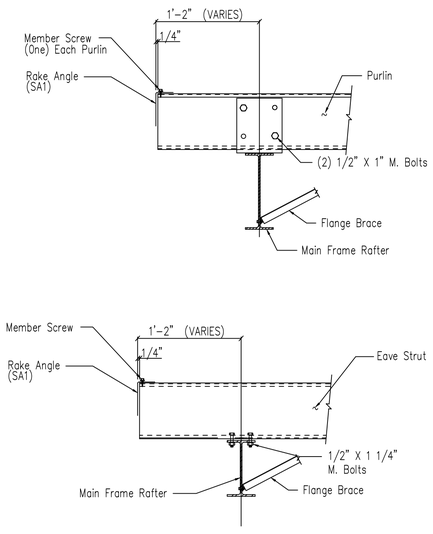


Rod Brace to Frame Detail



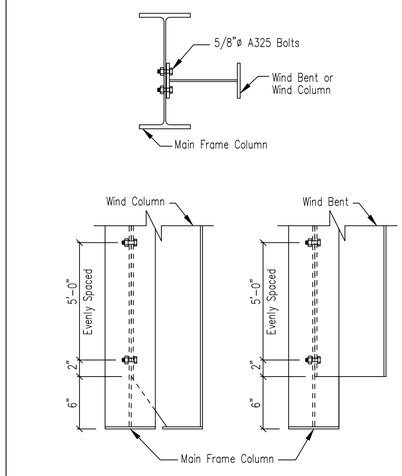
Cable Brace to Frame Detail

Cable or Rod Brace to Frame Connection — DRAWING NO. SD66

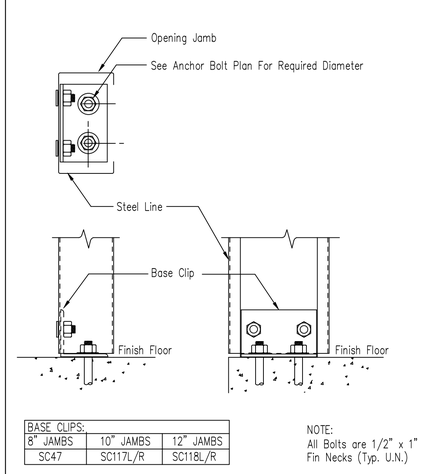


Main Frame Rafter Connection
PURLIN & EAVE STRUT CONNECTION — DRAWING NO. SD10

Created On: 7/22/11



Wind Column/Wind Frame Detail — DRAWING NO. SD70

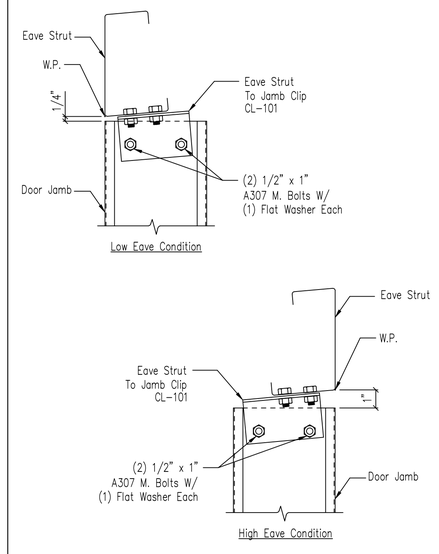


BASE CLIPS:		
8" JAMBS	10" JAMBS	12" JAMBS
SC47	SC117L/R	SC118L/R

NOTE:
All Bolts are 1/2" x 1"
Fin Necks (Typ. U.N.)

Jamb to Floor — DRAWING NO. SD85

Revised 4/28/22



Jamb To Eave Strut w/ 8" Jamb
1:12 Roof Pitch and Lower — DRAWING NO. SD89

Created On: 9/2/11

ASCENT BUILDINGS
214 Fountainhead Road
Portland, TN 37148
(615)-252-2880
www.ascentbuildings.com

Job Number: 22-10407

Customer: Barefoot Building Company

Project Name & Location:
T&L Coats Building 2
Coats, NC 27521

DRAWING STATUS

- ☐ Preliminary (Not For Construction)
- ☐ For Approval (Not For Construction)
- ☐ For Construction Permit
- ☒ For Erector Installation

Sheet Number: D2 OF D4
Project Engineer: JRC
Drawn By: MAR
Checked By: PNR
Scale: NTS

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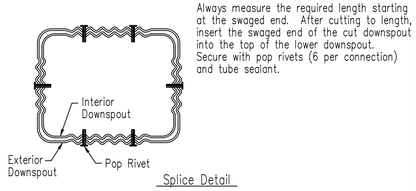
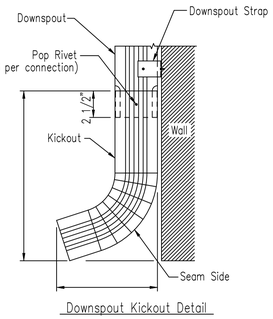
NORTH CAROLINA PROFESSIONAL ENGINEER NO. 034784 JASON SPEGELE



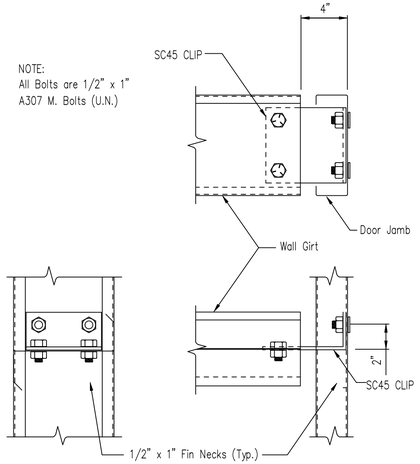
Always measure the required length starting at the swaged end. After cutting to length, insert the swaged end of the cut downspout into the top of the lower downspout. Secure with pop rivets (6 per connection) and tube sealant.

Splice Detail



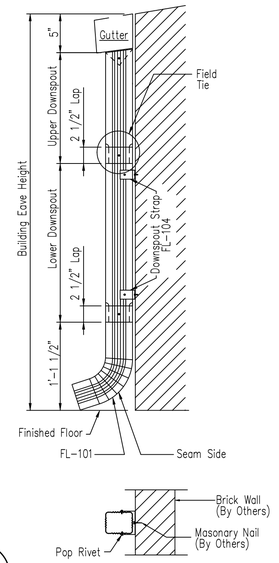
Downspout Kickout Detail

TRIM_96 Roll Formed Downspout Kickout & Splice Detail

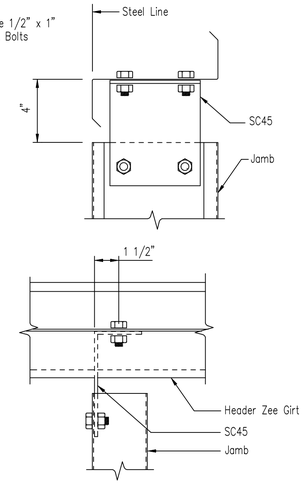


NOTE:
All Bolts are 1/2" x 1"
A307 M. Bolts (U.N.)

Girt to Jamb (Bolted Clips) DRAWING NO. SD87

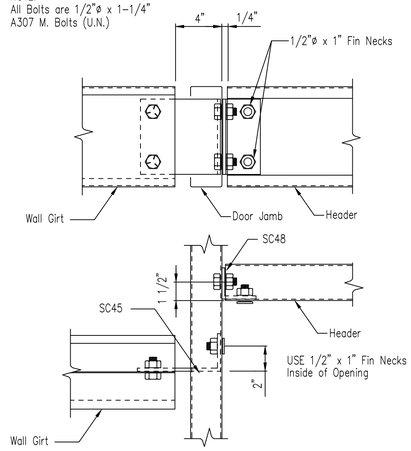


TRIM_90 Roll Formed Downspout



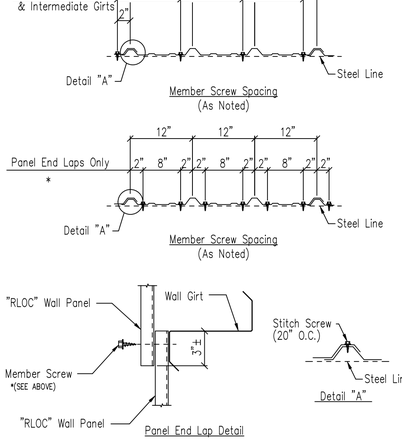
NOTE:
All Bolts are 1/2" x 1"
A307 Mach. Bolts

Jamb to Header Girt DRAWING NO. SD94

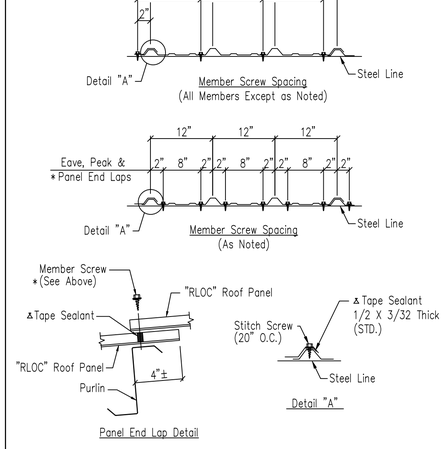


NOTE:
All Bolts are 1/2"ø x 1-1/4"
A307 M. Bolts (U.N.)

Girt/Header to Jamb (Bolted Clips) DRAWING NO. SD95

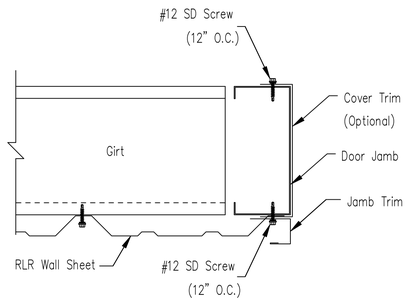


TRIM_1 FASTENER LOCATION 'RLOC' PANEL AT WALL

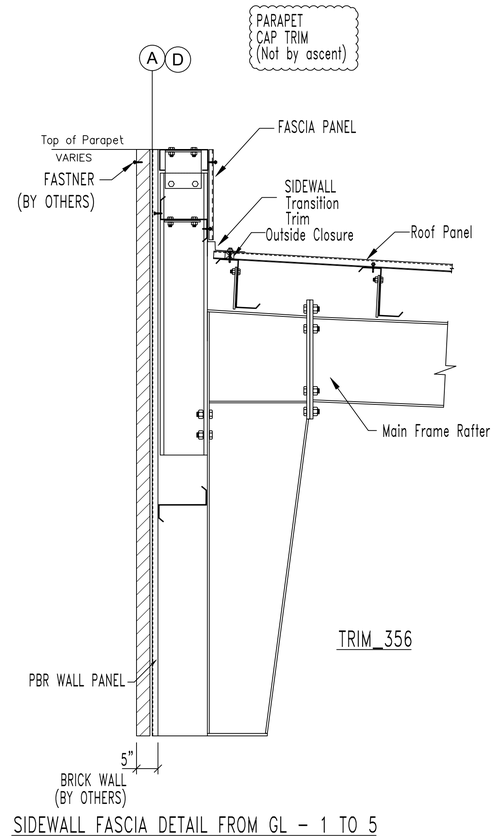


NOTE: Screw patterns shown satisfy U.L. 90 requirements for roof.

TRIM_7 FASTENER LOCATION 'RLOC' PANEL AT ROOF



TRIM_31 Trim At Framed Opening Jamb



TRIM_356

SIDEWALL FASCIA DETAIL FROM GL – 1 TO 5 (@ HIGH SIDE)

ASCENT BUILDINGS
214 Fountainhead Road
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Coats, NC 27521

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Sheet Number D3 OF D4
Project Engineer JRC
Drawn By: MAR
Checked By: PNR
Scale: NTS

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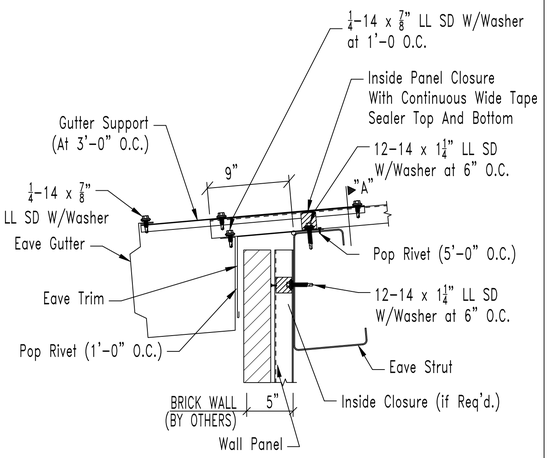
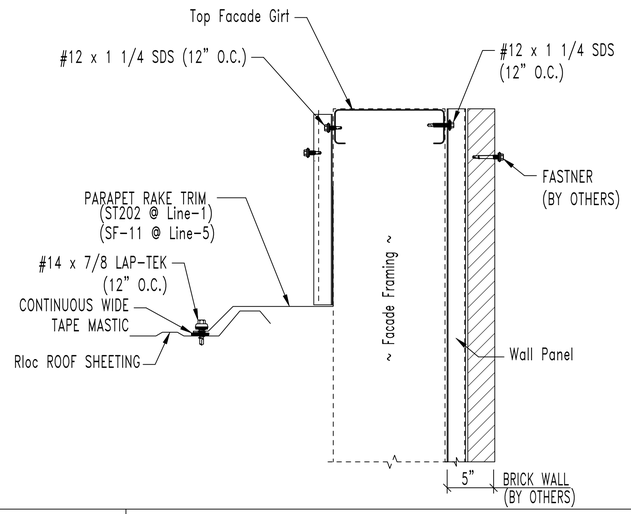
NORTH CAROLINA PROFESSIONAL ENGINEER NO. 034784 JASON SPEGGLE

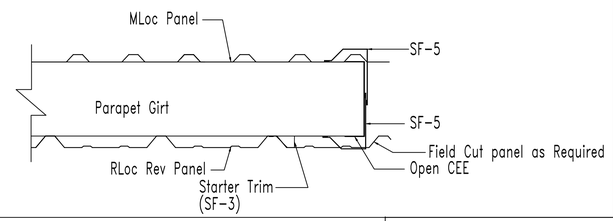


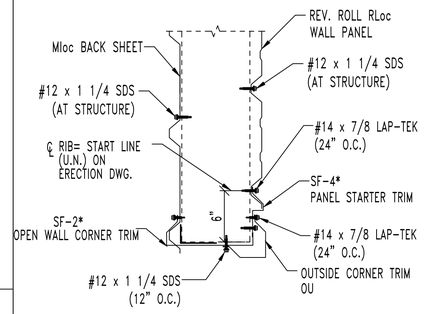
TRIM_2 Detail At Eave - Gutter



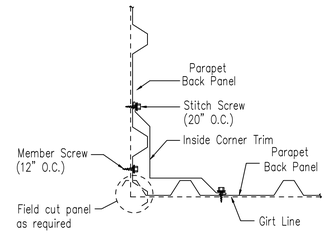
TRIM_18A

TRIM_200



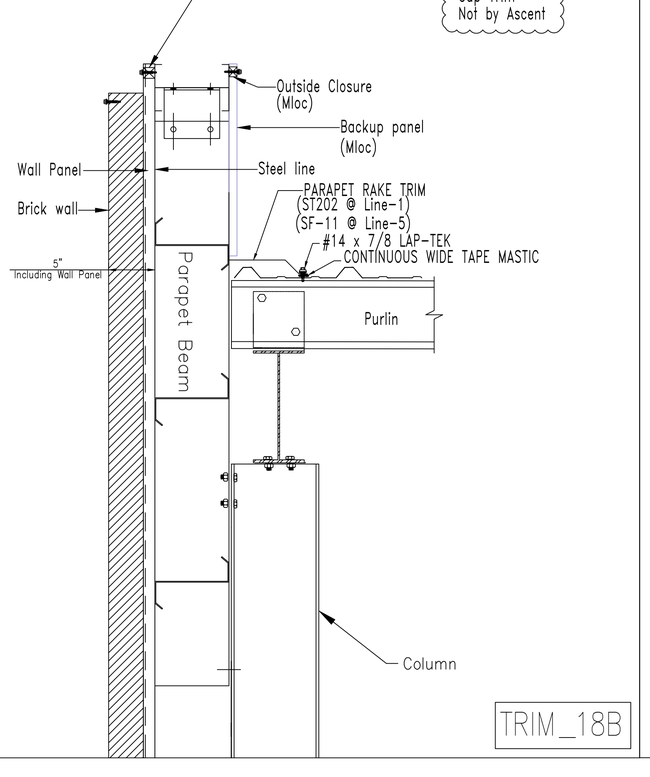


TRIM_92

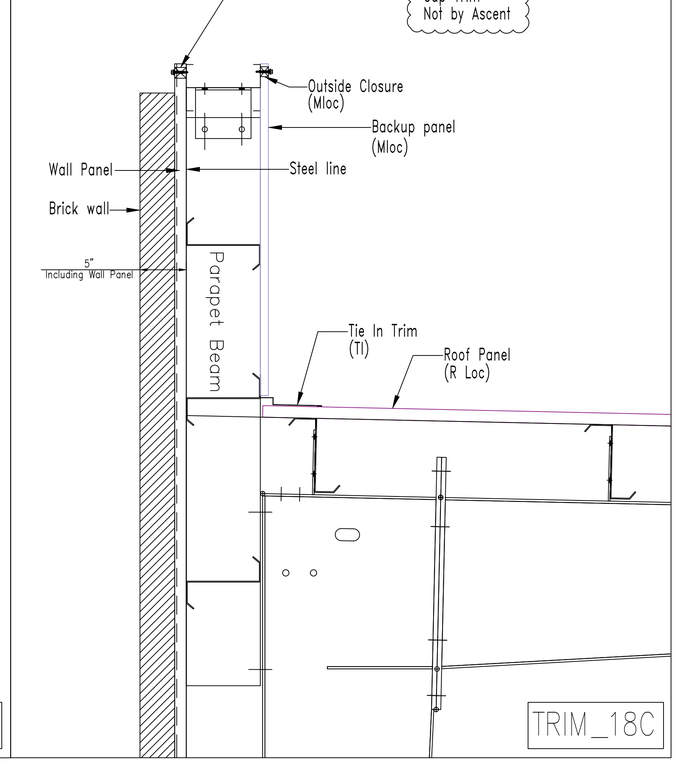


Inside Corner Detail

TRIM_40 Section at Corner - ML Wall Panels



TRIM_18B



TRIM_18C

ASCENT BUILDINGS
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NORTH CAROLINA PROFESSIONAL ENGINEER NO. 034784 JASON SPEEGLE