MIAMISBURG - OHIO CAT VEHICLE RENTAL FACILITY

490 BYERS ROAD
MIAMISBURG, OHIO 45342

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PROJECT DIRECTORY

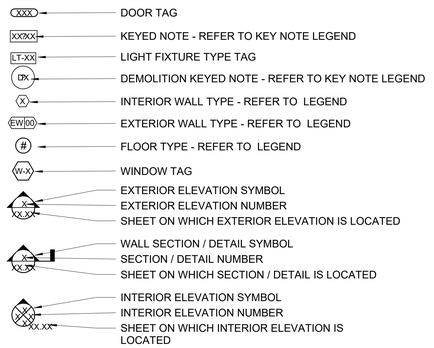
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PROJECT SUMMARY

A NEW CONSTRUCTION PREFABRICATED ENGINEERED METAL BUILDING TO SERVE AS A RENTAL FACILITY. THE BUILDING WILL INCLUDE OFFICES, RETAIL, STORAGE SPACES, AND SERVICE AREAS.

DEFERRED SUBMITTALS:
-PRE ENGINEERED METAL BUILDINGS
-FIRE SUPPRESSION DESIGN
-FIRE ALARM DESIGN

SYMBOL LEGEND



LOCATION MAP



GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH ALL APPLICABLE LOCAL AND STATE BUILDING CODES, FIRE SAFETY CODES AND REGULATIONS, BUT NOT LIMITED TO, THE OHIO BUILDING CODE (OBC),ICC ANSI A117.1 ACCESSIBLE AND USABLE BUILDING AND FACILITIES. ANY CONFLICTS BETWEEN THE WORK INDICATED WITHIN THESE DOCUMENTS AND RELATED CODES OR REGULATIONS NOTED BY THE CONTRACTOR SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.

2. PROVIDE MEANS NECESSARY TO PROTECT THE STRUCTURE IN ALL RESPECTS FROM THE WEATHER, BUILDING HAZARDS, UNNECESSARY INTRUSIONS, AND FROM DUST, DIRT AND DEBRIS.

3. MAKE ARRANGEMENTS IN 72 HOURS MINIMUM IN ADVANCE WITH THE OWNER FOR ANY INTERRUPTIONS OF UTILITY SERVICE.

4. EACH CONTRACTOR AND VENDOR SHALL INSPECT THE SITE & BECOME FAMILIAR WITH ALL CONDITIONS AND CLEARANCES PRIOR TO SUBMITTING A PROPOSAL.

5. ARCHITECT TO SUBMIT FOR GENERAL PERMIT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS AND INSPECTIONS AS REQUIRED.

6. ALL WORK SHALL BE COMPLETED IN A FIRST CLASS MANNER TO BETTER THAN ACCEPTED INDUSTRY STANDARDS.

7. SHOULD ANY OF THE DETAILED INSTRUCTIONS ON THE DRAWINGS CONFLICT WITH THE NOTES OR SPECIFICATIONS OR WITH EACH OTHER, THE STRICTEST PROVISION SHALL APPLY. ANY SUCH CONFLICT SHALL BE REPORTED TO THE ARCHITECT AS A FORMAL RFI (REQUEST FOR INFORMATION) AS INDICATED IN THE SPECIFICATIONS.

8. ALL SECTIONS AND DETAILS SHALL BE CONSIDERED TYPICAL AND APPLY FOR THE SAME AND SIMILAR SITUATIONS THROUGHOUT THE STRUCTURE UNLESS SPECIFICALLY NOTED OTHERWISE.

9. THE CONTRACTOR SHALL VERIFY ALL RELEVANT DIMENSIONS, ELEVATIONS, ANGLES, AND EXISTING CONDITIONS BEFORE PROCEEDING WITH THE AFFECTED WORK AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY.

10. EACH CONTRACTOR SHALL COORDINATE ARCHITECTURAL DRAWINGS WITH THE PLUMBING, MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS BEFORE PROCEEDING WITH THE WORK AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY IN A FORMAL RFI (REQUEST FOR INFORMATION) AS INDICATED IN THE SPECIFICATIONS.

11. THE TERM "FURNISH" SHALL MEAN TO OBTAIN AND SUPPLY TO THE JOB SITE. THE TERM "INSTALL" MEANS TO FIX IN POSITION AND CONNECT FOR USE. THE TERM "PROVIDE" SHALL MEAN TO FURNISH AND INSTALL.

12. ALL ARRANGEMENTS FOR CONSTRUCTION PERSONNEL ENTERING THE SITE DURING WORK HOURS, DELIVERY OF MATERIALS, REMOVAL OF DEBRIS, PARKING, ETC. SHOULD BE MADE WITH THE GENERAL CONTRACTOR.

13. ALL CONTRACTORS AND SUBCONTRACTORS FOR THE WORK OF THIS CONTRACT SHALL BE PROPERLY LICENSED AND REGISTERED IN ACCORDANCE WITH THE REGULATIONS OF LOCAL AND STATE CODES.

14. ALL DRAWINGS AND SPECIFICATIONS PREPARED AS PART OF THIS COMMISSION ARE THE PROPERTY OF LDA ARCHITECTS, INC. AND WILL NOT BE TRANSFERRED OR USED ON ANY OTHER PROJECT WITHOUT WRITTEN AGREEMENT.

15. THE INTENT OF THE CONTRACT DOCUMENTS IS TO INCLUDE ALL ITEMS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK BY THE GENERAL CONTRACTOR. ALL AREAS OF THE PROJECT SHALL BE FINISHED AND READY FOR OCCUPANCY AND INCLUDE SUCH ITEMS AS HARDWARE, ACCESSORIES, PAINTING, AND ETC. WHETHER SPECIFIED OR NOT.

16. AT ALL TIMES WHEN WORK IS IN PROGRESS, A REPRESENTATIVE OF THE CONTRACTOR OR SUB-CONTRACTOR SHALL BE ON THE SITE AND AUTHORIZED TO ANSWER QUESTIONS OR RECEIVE INSTRUCTIONS FROM THE OWNER OR ARCHITECT.

17. THE CONTRACTOR AND EACH SUBCONTRACTOR SHALL PROVIDE A COPY OF PROOF OF INSURANCE TO THE OWNER PRIOR TO THE COMMENCEMENT OF THE WORK.

18. THE CONTRACTOR SHALL FORWARD TO THE OWNER ALL APPLICABLE WARRANTIES, GUARANTEES, ETC. AS A CONDITION FOR FINAL PAYMENT.

19. THE CONTRACTOR SHALL GUARANTEE THAT ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP FOR A MINIMUM PERIOD OF ONE YEAR OR LONGER AS INDICATED IN DRAWINGS AND SPECIFICATIONS FOLLOWING COMPLETION OF ALL WORK AND THAT ALL DEFECTS ARISING WITHIN THIS PERIOD OF TIME SHALL BE CORRECTED, REPAIRED, OR REPLACED WITHIN 30 DAYS OF NOTIFICATION OF SUCH DEFECTS BY OWNER.

20. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS ARE RESPONSIBLE FOR REVIEWING, COORDINATING, AND COMPLYING WITH THE FULL SET OF DRAWINGS, SPECIFICATIONS, AND ADDENDA.

21. THE APPLICABLE CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR THE VERIFICATION AND LOCATION OF UNDERGROUND UTILITIES, FACILITIES, AND EQUIPMENT. THE CONTRACTOR SHALL CONTACT THE OHIO UTILITY PROTECTION SERVICE AT 1-800-362-2764 OR 811 AS REQUIRED IN ADVANCE OF THE COMMENCEMENT OF UNDERGROUND UTILITIES WORK.

22. DO NOT SCALE DRAWINGS.

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REV	DATE	DESCRIPTION
	09.23.2026	Issued for Permit
1	10.26.2026	Addendum #1

NOT FOR CONSTRUCTION

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MIAMISBURG - CAT
RENTAL FACILITY
490 BYERS ROAD, MIAMISBURG, OHIO 45342

LDA Project No.2026.11

COVER SHEET

G0.01

CODE ANALYSIS

APPLICABLE CODES:
1. 2024 OHIO BUILDING CODE (OBC) WITH ALL CURRENT AMENDMENTS/UPDATES
2. 2021 INTERNATIONAL ENERGY CONSERVATION CODE AND ASHRAE STANDARD 90.1
3. ICC/ANSI A117.1-2017 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
4. ALL APPLICABLE LOCAL BUILDING CODES AND REGULATIONS

CONSTRUCTION SUMMARY:
2 NEW BUILDINGS ON SAME LOT.

BUILDING 1: NEW CONSTRUCTION RENTAL AND REPAIR FACILITY. SALES OF PARTS, MERCHANDISE, NEW EQUIPMENT SALES, EQUIPMENT REPAIRS, ETC. BUILDING WILL BE CONSTRUCTED WITH CONVENTIONAL STEEL FRAMING AND PRE-ENGINEERED METAL BUILDING. - TO BE SPRINKLED

BUILDING 2: NEW CONSTRUCTION EQUIPMENT WASH BAY. FOR CLEANING AND MAINTAINING EQUIPMENT. BUILDING WILL BE CONSTRUCTED AS A PRE-ENGINEERED METAL BUILDING. - TO BE NON SPRINKLED.

BUILDING 1 - MAIN BUILDING

302.1-USE AND OCCUPANCY CLASSIFICATIONS:
PRIMARY USE:
-FACTORY GROUP (F-2)

SECONDARY USE:
-BUSINESS (B) - OFFICE SPACE
-MERCANTILE(M) - RETAIL
-STORAGE (S-1) - PARTS FACILITY

311.2 MODERATE-HAZARD STORAGE, GROUP S-1.
STORAGE GROUP S-1 OCCUPANCIES ARE BUILDINGS OCCUPIED FOR STORAGE USES THAT ARE NOT CLASSIFIED AS GROUP S-2, INCLUDING, BUT NOT LIMITED TO, STORAGE OF THE FOLLOWING: MOTOR VEHICLE REPAIR GARAGES

504.1-BUILDING HEIGHT:
ALLOWABLE BUILDING HEIGHT BASED ON OBC TABLE 504.3:

USE GROUP B,F,M,S (TYPE II-B)
ALLOWABLE HEIGHT: 3 STORIES / 75 FEET
PROPOSED HEIGHT: 2 STORIES / 27 FEET

506.1-BUILDING AREA:
ALLOWABLE BUILDING AREA PER STORY BASED ON OBC TABLE 506.2:

USE GROUP F-2 (TYPE II-B)
ALLOWABLE AREA: 69,000 SF
PROPOSED AREA: 17,008 SF

USE GROUP B (TYPE II-B)
ALLOWABLE AREA: 69,000 SF
PROPOSED AREA: 17,008 SF

USE GROUP M (TYPE II-B) MOST RESTRICTIVE
ALLOWABLE AREA: 37,500 SF
PROPOSED AREA: 17,008 SF

USE GROUP S-1 (TYPE II-B)
ALLOWABLE AREA: 78,000 SF
PROPOSED AREA: 17,008 SF

508.3.1 OCCUPANCY CLASSIFICATION
NONSEPARATED OCCUPANCIES SHALL BE INDIVIDUALLY CLASSIFIED IN ACCORDANCE WITH SECTION 302.1. THE REQUIREMENTS OF THIS CODE SHALL APPLY TO EACH PORTION OF THE BUILDING BASED ON THE OCCUPANCY CLASSIFICATION OF THAT SPACE. IN ADDITION, THE MOST RESTRICTIVE PROVISIONS OF CHAPTER 9 THAT APPLY TO THE NONSEPARATED OCCUPANCIES SHALL APPLY TO THE TOTAL NONSEPARATED OCCUPANCY AREA.

508.3.2 ALLOWABLE BUILDING AREA, HEIGHT AND NUMBER OF STORIES
THE ALLOWABLE BUILDING AREA, HEIGHT AND NUMBER OF STORIES OF THE BUILDING OR PORTION THEREOF SHALL BE BASED ON THE MOST RESTRICTIVE ALLOWANCES FOR THE OCCUPANCY GROUPS UNDER CONSIDERATION FOR THE TYPE OF CONSTRUCTION OF THE BUILDING IN ACCORDANCE WITH SECTION 503.1.

602.1-CONSTRUCTION CLASSIFICATION:
BASED ON TABLE 601 – FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS:
TYPE II-B
0 HR - PRIMARY STRUCTURAL FRAME
0 HR - EXTERIOR BEARING WALLS
0 HR - INTERIOR BEARING WALLS
0 HR - NONBEARING WALLS AND PARTITIONS
0 HR - FLOOR CONSTRUCTION AND SECONDARY MEMBERS
0 HR - ROOF CONSTRUCTION AND SECONDARY MEMBERS

TABLE 803.13-INTERIOR WALL AND CEILING FINISH REQUIREMENTS:
GROUP B,M (SPRINKLERED): (MOST RESTRICTIVE)
-EXIT ENCLOSURES AND EXIT PASSAGEWAYS: CLASS B
-CORRIDORS: CLASS C
-ROOMS AND ENCLOSED SPACES: CLASS C

1015.2 GUARDS WHERE REQUIRED.
GUARDS SHALL BE LOCATED ALONG OPEN-SIDED WALKING SURFACES, INCLUDING MEZZANINES, EQUIPMENT PLATFORMS, AISLES, STAIRS, RAMPS AND LANDINGS THAT ARE LOCATED MORE THAN 30 INCHES (762 MM) MEASURED VERTICALLY TO THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 36 INCHES (914 MM) HORIZONTALLY TO THE EDGE OF THE OPEN SIDE. GUARDS SHALL BE ADEQUATE IN STRENGTH AND ATTACHMENT IN ACCORDANCE WITH SECTION 1607.9.

1015.4 GUARD OPENING LIMITATIONS.
REQUIRED GUARDS SHALL NOT HAVE OPENINGS THAT ALLOW PASSAGE OF A SPHERE 4 INCHES (102 MM) IN DIAMETER FROM THE WALKING SURFACE TO THE REQUIRED GUARD HEIGHT.

EXCEPTIONS:
4. IN AREAS THAT ARE NOT OPEN TO THE PUBLIC WITHIN OCCUPANCIES IN GROUP I-3, F, H OR S, AND FOR ALTERNATING TREAD DEVICES AND SHIPS LADDERS, GUARDS SHALL NOT HAVE OPENINGS THAT ALLOW PASSAGE OF A SPHERE 21 INCHES (533 MM) IN DIAMETER.

1017.2 EXIT ACCESS TRAVEL DISTANCE LIMITATIONS
EXIT ACCESS TRAVEL DISTANCE SHALL NOT EXCEED THE VALUES GIVEN IN TABLE 1017.2.

TABLE 1017.2 EXIT ACCESS TRAVEL DISTANCE:
OCCUPANCY	WITH SPRINKLER SYSTEM
S-1	250'-0"
B	300'-0"
M	250'-0"
F-2	400'-0"

2902.2-PLUMBING FIXTURE REQUIREMENTS:

USE:	TYPE	REQUIRED		
STORAGE	WATER CLOSETS	1 PER 100	=	0.14
14 OCCUPANTS	LAVATORIES	1 PER 100	=	0.14
	FOUNTAINS	1 PER 400	=	0.035
	SERVICE SINKS	1	=	1
BUSINESS	WATER CLOSETS	1 PER 25	=	.72
18 OCCUPANTS	LAVATORIES	1 PER 40	=	0.45
	FOUNTAINS	1 PER 100	=	0.18
	SERVICE SINKS	1	=	1
MERCANTILE	WATER CLOSETS	1 PER 500	=	0.076
38 OCCUPANTS	LAVATORIES	1 PER 750	=	0.051
	FOUNTAINS	1 PER 1000	=	0.038
	SERVICE SINKS	1	=	1
FACTORY	WATER CLOSETS	1 PER 100	=	1.01
101 OCCUPANTS	LAVATORIES	1 PER 100	=	1.01
	FOUNTAINS	1 PER 400	=	0.253
	SERVICE SINKS	1	=	1

		TOTAL REQUIRED	TOTAL PROVIDED
171 OCCUPANTS	WATER CLOSETS	= 2	8 (2 URINALS)
	LAVATORIES	= 2	6
	FOUNTAINS	= 1	1
	SERVICE SINKS	= 1	1

(FRESH WATER PROVIDED AT KITCHEN SINK)

INTERNATIONAL ENERGY CONSERVATION CODE - 2021
C402.1.4 - OPAQUE THERMAL ENVELOPE ASSEMBLY MINIMUM R-VALUE/MAXIMUM U-VALUE:

CONVENTIONAL BUILDING:
ROOFS: ABOVE DECK: R-30 MINIMUM
METAL WALLS: R-19 + R-11 CONTINUOUS
WALL BELOW GRADE: R-7.5
S.O.G FLOORS: R-15 FOR 24"

1 METAL BUILDING:
ROOFS: R-30 CONTINUOUS
WALLS: U-0.050 (LINEAR PANELS)
MASS WALLS: R-11.4
S.O.G FLOORS: R-15 FOR 24"

C402.1.1.1
SKYLIGHTS U-0.5
VERTICAL FENESTRATION: U-0.7

C402.2.1.1 TAPERED, ABOVE-DECK INSULATION BASED ON THICKNESS.
WHERE USED AS A COMPONENT OF A ROOF/CEILING ASSEMBLY R-VALUE CALCULATION, THE SLOPED ROOF INSULATION R-VALUE CONTRIBUTION TO THAT CALCULATION SHALL USE THE AVERAGE THICKNESS IN INCHES (MM) ALONG WITH THE MATERIAL R-VALUE-PER-INCH (PER-MM) SOLELY FOR R-VALUE COMPLIANCE AS PRESCRIBED IN SECTION 402.1.3.

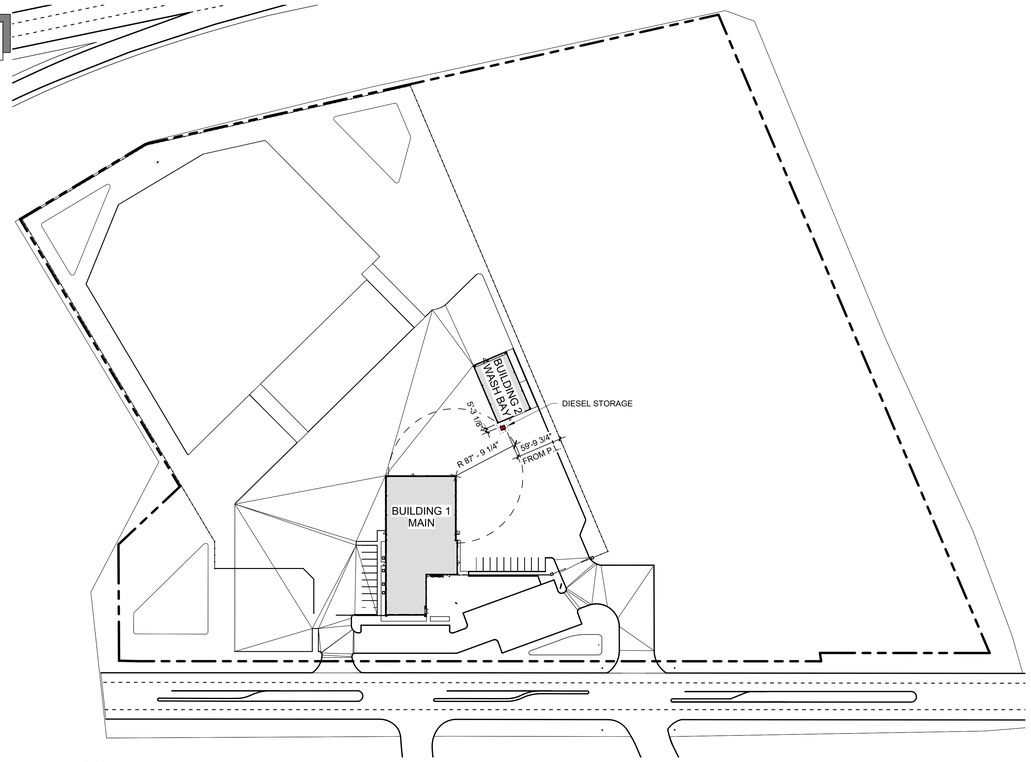
C402.2.1.2 MINIMUM THICKNESS, LOWEST POINT.
THE MINIMUM THICKNESS OF ABOVE-DECK ROOF INSULATION AT ITS LOWEST POINT, GUTTER EDGE, ROOF DRAIN OR SCUPPER, SHALL BE NOT LESS THAN 1 INCH (25 MM).

LP = 1" HP = 11.625" = 1+((11.625-1)/2) = 5.3125" * 5.77 (R-VALUE PER INCH) = R-30.65 AVERAGE

OHIO FIRE CODE:
2301.1 SCOPE.
AUTOMOTIVE MOTOR FUEL-DISPENSING FACILITIES, MARINE MOTOR FUEL-DISPENSING FACILITIES, FLEET VEHICLE MOTOR FUEL-DISPENSING FACILITIES, SERVICE STATIONS AT BULK PLANTS, AIRCRAFT MOTOR-VEHICLE FUEL-DISPENSING FACILITIES
AND REPAIR GARAGES SHALL BE IN ACCORDANCE WITH THIS CHAPTER, NFPA 30, NFPA 30A, THE INTERNATIONAL FUEL GAS CODES, THE BUILDING CODE, AND THE MECHANICAL CODE. SUCH OPERATIONS SHALL INCLUDE BOTH THOSE THAT ARE OPEN TO THE PUBLIC AND PRIVATE OPERATIONS.

2311.2.2 WASTE OIL,
MOTOR OIL AND OTHER CLASS IIIB LIQUIDS. WASTE OIL, MOTOR OIL AND OTHER CLASS IIIB LIQUIDS SHALL BE STORED IN TANKS OR CONTAINERS APPROVED IN ACCORDANCE WITH CHAPTER 57, WHICH ARE ALLOWED TO BE STORED AND DISPENSED FROM INSIDE REPAIR GARAGES.

5701.2 NONAPPLICABILITY.
THIS CHAPTER SHALL NOT APPLY TO LIQUIDS AS OTHERWISE PROVIDED IN OTHER LAWS OR REGULATIONS OR CHAPTERS OF THIS CODE, INCLUDING:
-SPECIFIC PROVISIONS FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS IN MOTOR FUEL-DISPENSING FACILITIES, REPAIR GARAGES, AIRPORTS AND MARINAS IN CHAPTER 23



1 G0.02 SITE - LIFE SAFETY PLAN
SCALE: 1" = 80'-0"

BUILDING 2 - WASH BAY

302.1-USE AND OCCUPANCY CLASSIFICATIONS:
PRIMARY USE:
-BUSINESS (B) - CAR WASH

504.1-BUILDING HEIGHT:
ALLOWABLE BUILDING HEIGHT BASED ON OBC TABLE 504.3:

USE GROUP B (TYPE II-B)
ALLOWABLE HEIGHT: 2 STORIES / 55 FEET
PROPOSED HEIGHT: 1 STORIES / 20 FEET

505.2.1 MEZZANINE AREA LIMITATION.
THE AGGREGATE AREA OF A MEZZANINE OR MEZZANINES WITHIN A ROOM SHALL BE NOT GREATER THAN ONE-THIRD OF THE FLOOR AREA OF THAT ROOM OR SPACE IN WHICH THEY ARE LOCATED. THE ENCLOSED PORTION OF A ROOM SHALL NOT BE INCLUDED IN A DETERMINATION OF THE FLOOR AREA OF THE ROOM IN WHICH THE MEZZANINE IS LOCATED. IN DETERMINING THE ALLOWABLE MEZZANINE AREA, THE AREA OF THE MEZZANINE SHALL NOT BE INCLUDED IN THE FLOOR AREA OF THE ROOM.

EXCEPTIONS:
1.THE AGGREGATE AREA OF MEZZANINES IN BUILDINGS AND STRUCTURES OF TYPE I OR II CONSTRUCTION FOR SPECIAL INDUSTRIAL OCCUPANCIES IN ACCORDANCE WITH SECTION 503.1.1 SHALL BE NOT GREATER THAN TWO-THIRDS OF THE FLOOR AREA OF THE ROOM.

506.1-BUILDING AREA:
ALLOWABLE BUILDING AREA PER STORY BASED ON OBC TABLE 506.2:

USE GROUP B (TYPE II-B)
ALLOWABLE AREA: 40,250 SF
PROPOSED AREA: 3,788 SF

TABLE 506.2.2 FRONTAGE INCREASE FACTOR
PERCENTAGE OF OPEN SPACE	OPEN SPACE 30 FEET OR GREATER
75% TO 100%	.75

A = (23,000 + (23,000 * .75)) = 40,250 B

602.1-CONSTRUCTION CLASSIFICATION:
BASED ON TABLE 601 – FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS:
TYPE II-B
0 HR - PRIMARY STRUCTURAL FRAME
0 HR - EXTERIOR BEARING WALLS
0 HR - INTERIOR BEARING WALLS
0 HR - NONBEARING WALLS AND PARTITIONS
0 HR - FLOOR CONSTRUCTION AND SECONDARY MEMBERS
0 HR - ROOF CONSTRUCTION AND SECONDARY MEMBERS

TABLE 803.13-INTERIOR WALL AND CEILING FINISH REQUIREMENTS:
GROUP B,M (NON SPRINKLERED): (MOST RESTRICTIVE)
-EXIT ENCLOSURES AND EXIT PASSAGEWAYS: CLASS A
-CORRIDORS: CLASS B
-ROOMS AND ENCLOSED SPACES: CLASS C

1017.2 EXIT ACCESS TRAVEL DISTANCE LIMITATIONS
EXIT ACCESS TRAVEL DISTANCE SHALL NOT EXCEED THE VALUES GIVEN IN TABLE 1017.2.

TABLE 1017.2 EXIT ACCESS TRAVEL DISTANCE:
OCCUPANCY	WITHOUT SPRINKLER SYSTEM
B	200'-0"

2902.2-PLUMBING FIXTURE REQUIREMENTS:

		REQUIRED			PROPOSED
BUSINESS	WATER CLOSETS	1 PER 25	=	1	2
34 OCCUPANTS	LAVATORIES	1 PER 40	=	0.625	2
	FOUNTAINS	1 PER 100	=	0.25	(MAIN BLDG)
	SERVICE SINKS	1	=	1	(MAIN BLDG

BUILDING 2 - WASH BAY

INTERNATIONAL ENERGY CONSERVATION CODE - 2021
C402.1.4 - OPAQUE THERMAL ENVELOPE ASSEMBLY MINIMUM R-VALUE/MAXIMUM U-VALUE:

1 METAL BUILDING:
ROOFS: R-30 CONTINUOUS
WALLS: U-0.050 (LINEAR PANELS)
S.O.G FLOORS: R-15 FOR 24"

C402.1.1.1
SKYLIGHTS U-0.5
VERTICAL FENESTRATION: U-0.7

OHIO FIRE CODE:
(C) 2306.2.3 ABOVE-GROUND TANKS LOCATED OUTSIDE, ABOVE GRADE.
ABOVE-GROUND TANKS SHALL NOT BE USED FOR THE STORAGE OF CLASS I, II OR III MOTOR LIQUID FUELS EXCEPT AS PROVIDED, EXISTING ABOVEGROUND TANK INSTALLATIONS, EVEN IF PREVIOUSLY APPROVED, THAT ARE DETERMINED TO CONSTITUTE A HAZARD BY THE FIRE CODE OFFICIAL SHALL NOT BE CONTINUED IN SERVICE. UNSAFE TANKS SHALL BE REMOVED AS REQUIRED BY THE FIRE CODE OFFICIAL AND IN ACCORDANCE WITH THIS CODE.

(V)ABOVE-GROUND TANKS USED FOR OUTSIDE ABOVE-GRADE STORAGE OF CLASS IIIB LIQUID MOTOR FUEL SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 142 AS LISTED IN RULE 1301:7-7-80 OF THE ADMINISTRATIVE CODE OR LISTED AND LABELED AS PROTECTED ABOVEGROUND TANKS IN ACCORDANCE WITH UL 2085 AS LISTED IN RULE 1301:7-7-80 OF THE ADMINISTRATIVE CODE AND SHALL BE INSTALLED IN ACCORDANCE WITH RULE 1301:7-7-57 OF THE ADMINISTRATIVE CODE. TANK LOCATIONS SHALL BE IN ACCORDANCE WITH TABLE 2306.2.3 OF THIS RULE.

TABLE 2306.2.3MINIMUM SEPARATION REQUIREMENTS FOR ABOVE-GROUND TANKS

CLASS OF LIQUID AND TANK TYPE
-IIIB

INDIVIDUAL TANK CAPACITY (GALLONS)
-520 GALLONS < 6,000 GALLONS

MINIMUM DISTANCE FROM NEAREST IMPORTANT BUILDING ON SAME PROPERTY (FEET)
-5'-0"

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REV	DATE	DESCRIPTION
	09.23.2026	Issued for Permit
1	10.26.2026	Addendum #1

LEGEND
1 HOUR RATING
EGRESS PATH
FIRE CABINET LOCATION: 75'-0" RADIUS

NOT FOR CONSTRUCTION

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MIAMISBURG - CAT
RENTAL FACILITY
490 BYERS ROAD, MIAMISBURG, OHIO 45342

LDA Project No.2026.11

CODE DATA AND LIFE SAFETY

G0.02

ABBREVIATIONS (where not otherwise defined)

ABBRVS.	Abbreviations	F.D.	Floor Drain	O.C.	On Center
ABV.	Above	FDN.	Foundation	O.D.	Outside Diameter or Overflow Drain
ACOUS.	Acoustic(al)	FF. (FF)	Finish Face		
A.D.	Area Drain	FIN.	Finish	O.H.	Opposite Hand (Mirror Image)
ADJ.	Adjacent	FL.	Floor		
AFF	Above Finish Floor	FLASH.	Flashing	OPNG.	Opening
AGGR.	Aggregate	FLOUR.	Flourescent	OPP.	Opposite
AL. (AL)	Aluminum	F.O.	Face of		
A.P.	Access Panel	F.O.C.	Face of Concrete	PL.	Plate
A.P.N.	Assessor's Parcel Number	F.O.F.	Face of Finish	PLAS.	Plaster
		F.O.S.	Face of Stud	PLWD.	Plywood
APPROX.	Approximate	FS	Face of Stud	PNL.	Panel
ARCH.	Architect	FPRF.	Fireproof	PT.	Point
ASPH.	Asphalt	FRG.(FRG)	Framing	PR.	Pair
		FT.	Foot/Feet	PTD.	Painted
BD.	Board	FTG.	Footing	PTN.	Partition
BKG.	Backing	FURR.	Furring	P.T.	Pressure Treated
BLDG.	Building	FUT.	Future		
BLKG.	Blocking			R.	Riser or Radius
BM.	Beam	GA.	Gauge	REINF.	Reinforcing
B.O.	Bottom of	GALV.	Galvanized	R.D.	Roof Drain
B.U.R.	Built-up Roofing	G.B.	Grab Bar	REQ.	Required
		GDRL.	Guardrail	RESIL.	Resilient
CAB.	Cabinet	GL. (GL)	Grid Line	R.O.	Rough Opening
C.B.	Catch Basin	GLS.	Glass	RWL	Rainwater Leader
CEM.	Cement	GFCI	Ground Fault Circuit Interrupt		
CER.	Ceramic			S.	South
C.I.	Cast Iron	GND.	Ground	S.C. (SC)	Solid Core
C.J.	Control Joint	GR.	Grade	SCHED.	Schedule
CL	Centerline	GYP.	Gypsum	SH.	Shelf
CLG.	Ceiling	GWB	Gypsum Wall-board	SHR.	Shower
CLKG.	Caulking			SHT.	Sheet
CLO.	Closet	G.I.	Galvanized Iron	SIM.	Similar
CLR.	Clear			SPEC.	Specification
C.M.U.	Concrete Masonry Unit	H.B.	Hose Bib	SQ.	Square
		H.C. (HC)	Hollow Core	S.S.	Stainless Steel
CNTR.	Counter	HDWD.	Hardwood	S.S.D.	See Structural Drawings
C.O.	Clean Out	HDWR.	Hardware		
COL.	Column	HDRL.	Handrail	STD.	Standard
CONC.	Concrete	H.M. (HM)	Hollow Metal	STL.	Steel
CONT.	Continuous	HORIZ.	Horizontal	STOR.	Storage
CSWK.	Casework	H.P.	High Point	STRL.	Structural
C.R.	Cold Rolled	HR.	Hour	S.V.	Sheet Vinyl
C.T.	Ceramic Tile	HT.	Height	SYM.	Symmetrical
CTR.	Center				
CTSK.	Countersunk	I.D.	Inside Diameter	T.	Tread
		INFO.	Information	T.B.	Towel Bar
DBL.	Double	INSUL.	Insulation	TEL.	Telephone
DET.	Detail	INT.	Interior	TEMP.	Tempered
DIA.	Diameter			T&G	Tounge & Groove
DIM.	Dimension	JT.	Joint	TH.	Threshold
DN. (DN)	Down			THK.	Thick
D.O.	Door Opening	KIT.	Kitchen	T.O.	Top of
DR.	Door			T.O.W.	Top of Wall
DWR.	Drawer	LAM.	Laminate	T.P.D.	Toilet Paper Dispenser
D.S.	Downspout	LAV.	Lavatory		
DWG.	Drawing	L.P.	Low Point	T.V.	Television
		LT.	Light	T.S.	Tube Steel
(E)	Existing			TYP.	Typical
E.	East	MAX.	Maximum		
EA.	Each	M.C.	Medicine Cabinet	UNF.	Unfinished
E.B.	Expansion Bolt	MECH.	Mechanical	U.O.N.	Unless Otherwise Noted
E.J.	Expansion Joint	MEMB.	Membrane		
EL.	Elevation	MET.	Metal		
ELEC.	Electrical	MFR.	Manufacturer	VEN.	Veneer
ELEV.	Elevator	MNFR.	Manufacturer	VERT.	Vertical
ENCL.	Enclosure	MIN.	Minimum	VEST.	Vestibule
E.P.	Electrical Panel	MISC.	Miscellaneous	V.T.	Vinyl Tile
EQ.	Equal	MUL.	Mullion	V.I.F.	Verify in Field
EQUIP.	Equipment				
EXPO.	Exposed	(N)	New	W.	West
EXP.	Expansion	N.	North	W/	With
EXT.	Exterior	N.I.C.	Not in Contract	WD. (WD)	Wood
		NOM.	Nominal	W.O.	Where Occurs
		N.T.S.	Not to Scale	W/O	Without
				WP.	Waterproofing
				WR.	Water Resistant
				WT.	Weight

FLOOR TYPES:

A

CONCRETE SLAB ON GRADE:
RATING: 0HR TESTING #: N/A
STC RATING: N/A ICC RATING: N/A

1. CONCRETE SLAB 6" - 10" THICK
-REFER TO STRUCTURAL DRAWINGS
2. SUB BASE BY ENGINEER

B

3.5" COMPOSITE ELEVATED FLOOR :
RATING: N/A TESTING #: N/A
STC RATING: N/A ICC RATING: N/A

1. 3" CONCRETE COMPOSITE METAL DECK
2. 16" STEEL JOISTS.
3. 7/8" GALVANIZED HAT CHANNELS 24" O.C.
4. 5/8" GYPSUM WALL BOARD - TYPE C

ROOF TYPES:

C

EXTERIOR CEILING ASSEMBLY :
RATING: N/A HR TESTING #: N/A
STC RATING: N/A ICC RATING: N/A

1. 3 5/8" METAL STUDS, 16" O.C MAX
2. ALUMINUM COMPOSITE PANEL. REFER TO EXTERIOR ELEVATIONS FOR COLORS AND TEXTURES

D

TPO ROOF ON METAL DECK:
RATING: 0HR TESTING #: N/A
STC RATING: N/A ICC RATING: N/A

1. TPO ROOFING MEMBRANE - WHITE
-20 YEAR MINIMUM WARRANTY
2. CONTINUOUS RIGID INSULATION
-R-30 MINIMUM
4. 1.5" METAL DECKING BY PREFABRICATED METAL BUILDING MANF.
5. JOISTS, PERLINS, AND BEAMS BY PREFABRICATED METAL BUILDING MANF.

E

STANDING SEAM ROOF ON CONVENTIONAL FRAMING:
RATING: 0HR TESTING #: N/A
STC RATING: N/A/ ICC RATING: N/A

1. STANDING SEAM METAL PANEL
-UNDERLAYMENT AS REQUIRED BY MANUFACTURER
2. (2) 2.5" RIGID INSULATION
-R30 MINIMUM
3. 1.5" METAL DECKING .
4. METAL JOIST, REFER TO STRUCTURAL DRAWINGS.
-EXPOSED PAINTED

1 F

STANDING SEAM ROOF ON PEMB FRAMING:
RATING: 0HR TESTING #: N/A
STC RATING: N/A ICC RATING: N/A

1. STANDING SEAM METAL PANEL
-UNDERLAYMENT AS REQUIRED BY MANUFACTURER
2. (2) 2.5" RIGID INSULATION
-R30 MINIMUM
3. 1.5" METAL DECKING .
5. JOISTS, PERLINS, AND BEAMS BY PREFABRICATED METAL BUILDING MANF.

EXTERIOR WALL TYPES:

EW.01

CMU WATER TABLE EXTERIOR WALL:

EXTERIOR
1. 4X8X16 GROUND FACE CONCRETE MASONRY WALL REFER TO EXTERIOR ELEVATIONS
2. 3" CAVITY SPACE
- 2" RIGID INSULATION R-11.4
4. 8X8X16 CONCRETE MASONRY UNIT GROUTED SOLID INTERIOR

EW.02

ALUMINUM COMPOSITE WALL PANEL:
U-VALUE MAXIMUM: .050

1. 3" COMPOSITE INSULATED ALUMINUM PANEL.
-REFER TO EXTERIOR ELEVATIONS FOR COLORS AND TEXTURES.

EW.03

ALUMINUM COMPOSITE WALL PANEL ON CMU:
U-VALUE MAXIMUM: .050

EXTERIOR
1. 3" COMPOSITE INSULATED ALUMINUM PANEL.
-REFER TO EXTERIOR ELEVATIONS FOR COLORS AND TEXTURES.
2. 8X8X16 CONCRETE MASONRY UNIT.
INTERIOR

EW.04

CULTURED STONE WALL PANEL:
1. 3 5/8" STONE VENEER
2. 3" AIR CAVITY
-2" RIGID INSULATION R-11
3. 5/8" DENSELEMENT SHEATHING
1 ❨ -WITH INTEGRAL AIR AND MOISTURE BARRIER ❩
4. 6" METAL STUDS SPACED AT 16" O.C.
-R-19 BATT INSULATION
5. 5/8" GYPSUM BOARD AT FINISH SIDE ONLY

EW.05

CMU WATER TABLE EXTERIOR WALL:

1. 4X8X16 GROUND FACE BLOCK
2. 3" CAVITY SPACE
-2" RIGID INSULATION R-11
3. 5/8" DENSELEMENT SHEATHING
1 ❨ -WITH INTEGRAL AIR AND MOISTURE BARRIER ❩
4. 6" METAL STUDS SPACED AT 16" O.C.
-R-19 BATT INSULATION
5. 5/8" GYPSUM BOARD AT FINISH SIDE ONLY

EW.06

STANDING SEAM METAL WALL PANEL:

1. STANDING SEAM METAL PANEL CLADDING
2. 2" RIGID INSULATION
-2" HORIZONTAL Z GRITS, 24" O.C.
3. 5/8" DENSELEMENT SHEATHING
1 ❨ -WITH INTEGRAL AIR AND MOISTURE BARRIER ❩
4. 6" METAL STUDS SPACED AT 16" O.C.
-R-19 INSULATION
5. 5/8" GYPSUM BOARD AT FINISH SIDE ONLY

EW.07

ALUMINUM COMPOSITE WALL PANEL ON METAL STUDS:

1. ACM PANEL CLADDING.
2. 2" RIGID INSULATION
-2" HORIZONTAL Z GRITS, 24" O.C.
3. 5/8" DENSELEMENT SHEATHING
4. 6" METAL STUDS SPACED AT 16" O.C.
-R-19 INSULATION
5. 5/8" GYPSUM BOARD AT FINISH SIDE ONLY

EW.08

CAST IN PLACE CONCRETE WALL:

1. 8" CAST IN PLACE CONCRETE WALL

INTERIOR WALL TYPES:

A — 1 1/2"

METAL HAT CHANNEL FURRING WALL:
RATING: 0HR TESTING #: N/A
STC RATING: N/A

1. 7/8" METAL HAT CHANNEL SPACED AT 16" O.C.
2. 5/8" GYPSUM (TYPE-X) BOARD AT FINISH SIDE ONLY

B — 2 1/4"

METAL STUD FURRING WALL:
RATING: 0HR TESTING #: N/A
STC RATING: N/A

1. 1 5/8" METAL STUDS SPACED AT 16" O.C.
2. 5/8" GYPSUM (TYPE-X) BOARD AT FINISH SIDE ONLY

B1 — 4 1/4"

METAL STUD FURRING/PLUMBING WALL:
RATING: 0HR TESTING #: N/A
STC RATING: N/A

1. 3 5/8" METAL STUDS SPACED AT 16" O.C.
-3 "ACOUSTICAL BATT INSULATION
2. 5/8" GYPSUM (TYPE-X) BOARD AT FINISH SIDE ONLY

C — 4 7/8"

INTERIOR PARTITION:
RATING: 0HR TESTING #: N/A
STC RATING: N/A

1. 5/8" GYPSUM BOARD
2. 3 5/8" METAL STUDS SPACED AT 16" O.C.
-3" ACOUSTICAL BATT INSULATION
3. 5/8" GYPSUM (TYPE-X) BOARD

C6 — 7 1/4"

INTERIOR PARTITION:
RATING: 0HR TESTING #: N/A
STC RATING: N/A

1. 5/8" GYPSUM BOARD
2. 6" METAL STUDS SPACED AT 16" O.C.
-3" ACOUSTICAL BATT INSULATION
3. 5/8" GYPSUM (TYPE-X) BOARD

D — 7 5/8"

REINFORCED CMU WALL:
RATING: 0HR TESTING #: N/A

1. 8"X8"X16" CONCRETE MASONRY UNIT.
-REFER TO STRUCTURAL DRAWINGS

D1 — 7 5/8"

LOAD BEARING CMU WALL:
RATING: 1HR MIN. TESTING #: UL905

1. 8"X8"X16" CONCRETE MASONRY UNIT.
-REFER TO STRUCTURAL DRAWINGS

E — 1 1/2" / 2" / 1'-5"

INTERIOR PLUMBING WALL:
RATING: 0HR TESTING #: N/A
STC RATING: N/A

1. 5/8" GYPSUM BOARD
2. 3 5/8" METAL STUDS SPACED AT 16" O.C.
3. 8 1/2" AIR CAVITY
-3" ACOUSTICAL BATT INSULATION
4. 3 5/8" METAL STUDS SPACED AT 16" O.C.
5. 5/8" GYPSUM BOARD

1 **CONSTRUCTION TYPES GENERAL NOTES:**

1. ALL GYPSUM WALL BOARD THAT IS USED ON ALL FIRE RATED ASSEMBLIES IS TO MEET THE U.L. FIRE RATING REQUIREMENTS.

2. ALL NON-FIRE RATED INTERIOR WALLS ARE TO EXTEND TO BOTTOM OF FLOOR ABOVE. GYPSUM BOARD TO EXTEND MINIMUM 6" ABOVE FINISH CEILING, UNLESS NOTED OTHERWISE.

3. PROVIDE SOUND ATTENUATION BATT INSULATION WHERE INDICATED ABOVE AND AT PERIMETER WALLS OF:
A. ALL INDIVIDUAL OFFICE PERIMETER WALLS
B. ALL INDIVIDUAL RESTROOM WALLS
C. CEILINGS ABOVE ENCLOSED OFFICE WALLS AND MINIMUM 3'-0" PAST EDGE OF OFFICE INTO COMMON AREA.

4. PROVIDE 5/8" MOISTURE AND MOLD RESISTANT GYPSUM BOARD AT ALL MOISTURE PRONE AREAS, INCLUDING BUT NOT LIMITED TO, KITCHENS, COMMON RESTROOMS AND LAUNDRY FACILITIES. AT ALL UNIT BATHROOMS, PROVIDE NONPAPER FACED BOARD AT ALL WALLS AND CEILINGS.

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1	10.26.2026	Addendum #1

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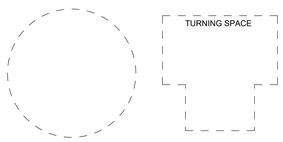
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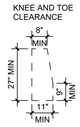
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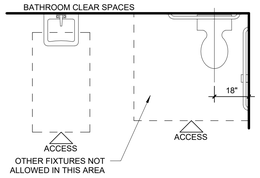
CONSTRUCTION TYPES & ASSEMBLIES

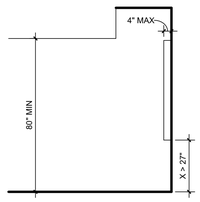
G1.01



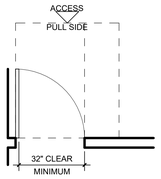
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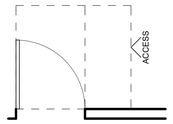




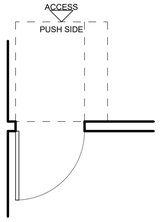


LIMITS OF PROTRUDING OBJECTS

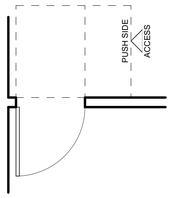




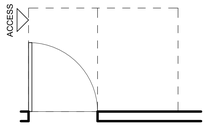
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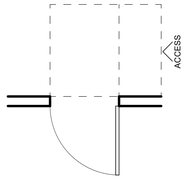


* IF BOTH LATCH AND CLOSER ARE PROVIDED

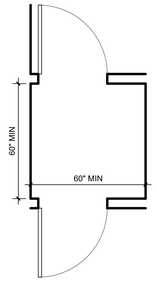


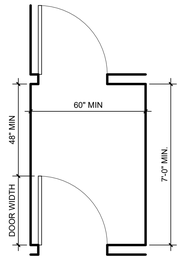
** 48" IF CLOSER IS PROVIDED

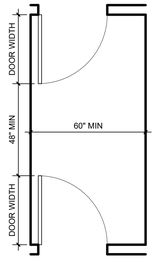




* IF BOTH CLOSER AND LATCH ARE PROVIDED
** 48 MIN (1220) IF BOTH CLOSER AND LATCH PROVIDED





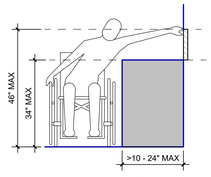


REQUIRED MOUNTING RANGE FOR ALL ELEVATOR CONTROLS, RECEPTACLE, OUTLETS, SWITCHES, THERMOSTATS AND OTHER CONTROLS. ALL DEVICES IN ALL UNITS TO BE MOUNTED TO THESE REACH RANGES AND NOT JUST AT ACCESSIBLE UNITS

ACCESSIBILITY REACH RANGES

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

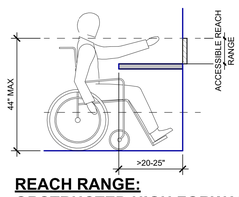
APPLIES TO ALL APARTMENT UNITS AND PUBLIC SPACES



REACH RANGES: OBSTRUCTED HIGH SIDE REACH

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

REF. FIG. 308.3.2, 308.3.1



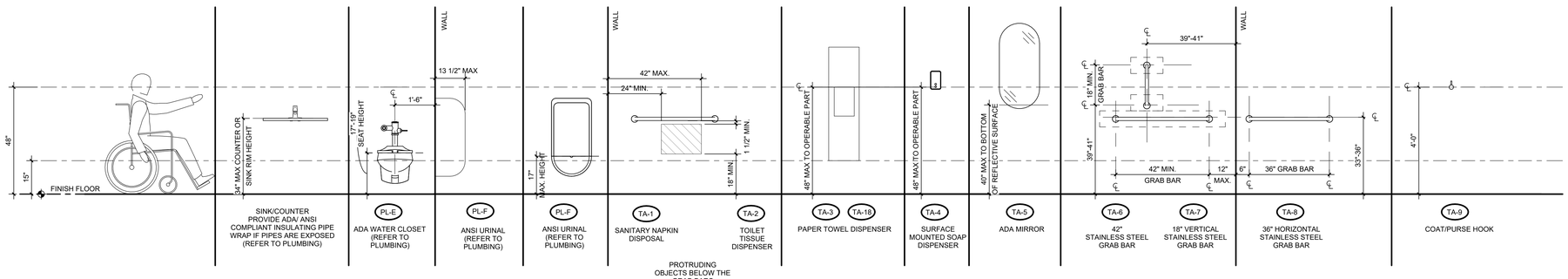
REACH RANGE: OBSTRUCTED HIGH FORWARD

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

REF. FIG. 308.2.2

1 G2.01 ANSI REACH RANGES

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



PLUMBING FIXTURE/ACCESSORY SCHEDULE

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

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	09.23.2026	Issued for Permit
1	10.26.2026	Addendum #1

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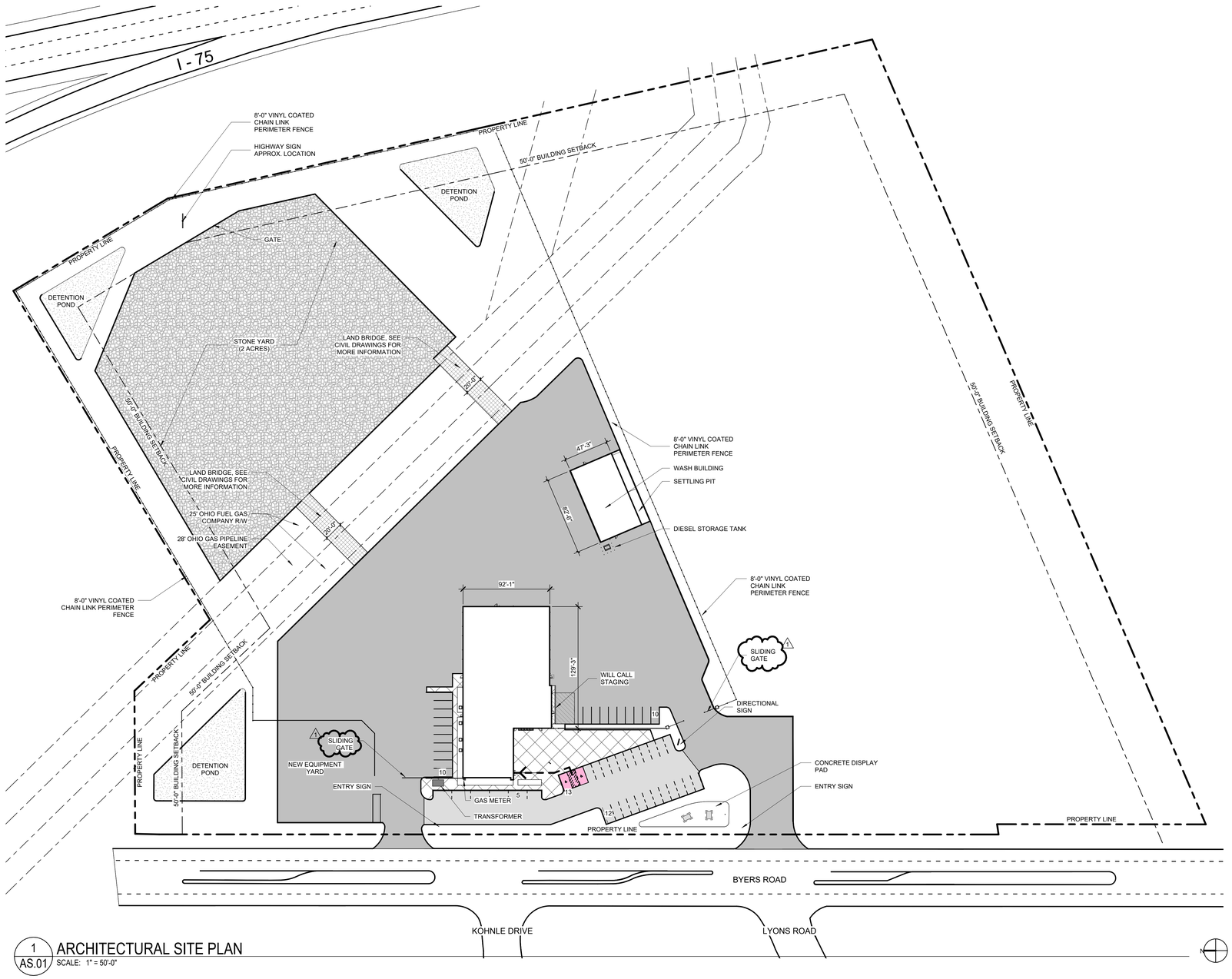
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MIAMISBURG - CAT
RENTAL FACILITY
490 BYERS ROAD, MIAMISBURG, OHIO 45342

LDA Project No.2026.11

ACCESSIBILITY DIAGRAMS

G2.01



1 AS.01 ARCHITECTURAL SITE PLAN
SCALE: 1" = 50'-0"

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NEW CONCRETE DRIVE. REFER TO CIVIL DRAWINGS

NEW ASPHALT DRIVE. REFER TO CIVIL DRAWING

LOCATION OF ACCESSIBLE PARKING SPACES. SPACES TO BE POURED CONCRETE AND MEET MAX. 1.5% SLOPE IN ALL DIRECTIONS

ACCESSIBLE ROUTE. SLOPE NOT TO EXCEED 5%, CROSS SLOPE NOT TO EXCEED 2%

NOT FOR CONSTRUCTION

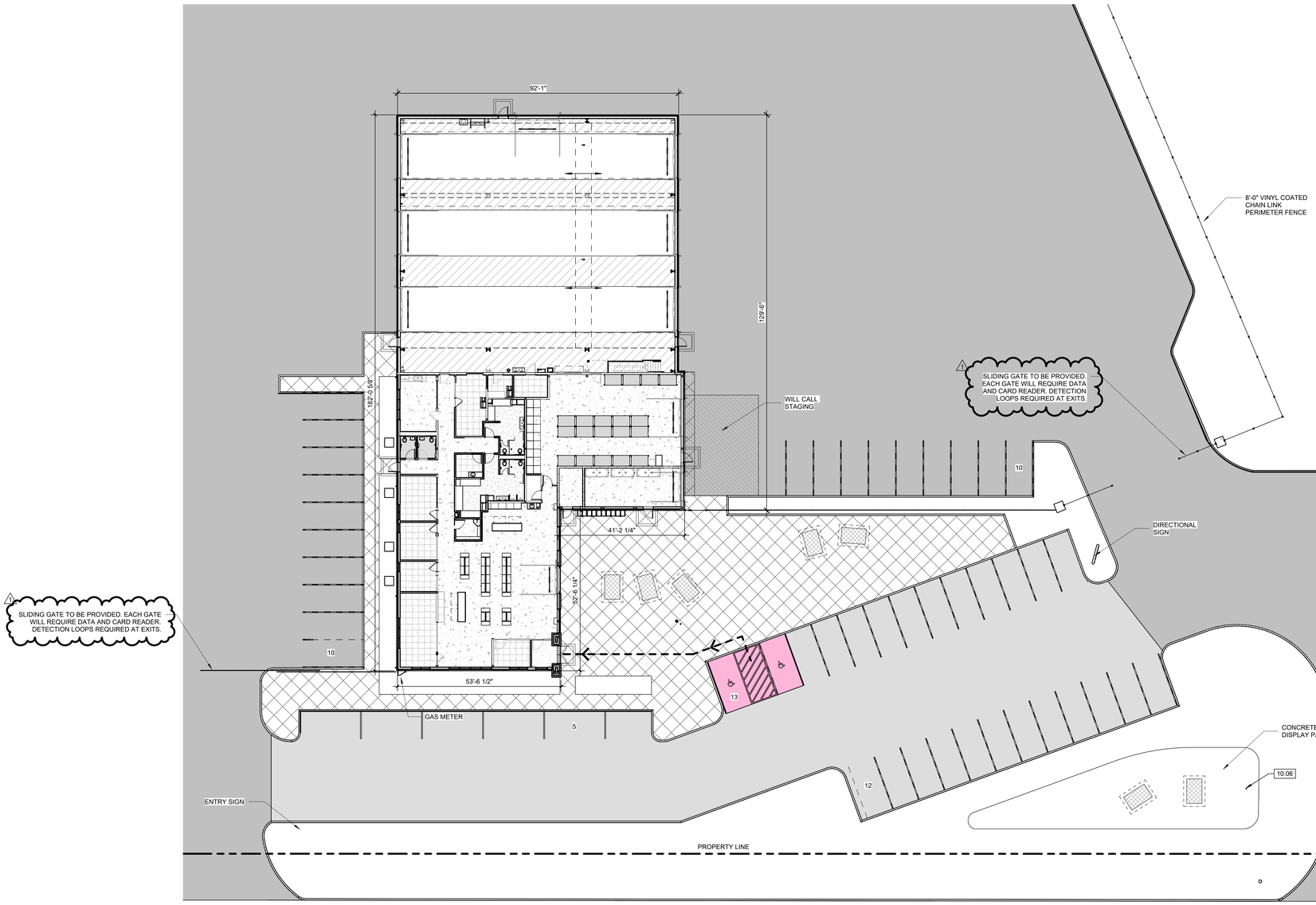
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RENTAL FACILITY
490 BYERS ROAD, MIAMISBURG, OHIO 45342

LDA Project No.2026.11

ARCHITECTURAL SITE PLAN

AS.01



1 AS.02 ENLARGED SITE PLAN

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

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NEW ASPHALT DRIVE. REFER TO CIVIL DRAWING

LOCATION OF ACCESSIBLE PARKING SPACES. SPACES TO BE POURED CONCRETE AND MEET MAX. 1.5% SLOPE IN ALL DIRECTIONS

ACCESSIBLE ROUTE. SLOPE NOT TO EXCEED 5%, CROSS SLOPE NOT TO EXCEED 2%

KEYED NOTES SPECIFIC TO THIS SHEET

REFERENCED BY THE SYMBOL

TYPICAL UNLESS NOTED OTHERWISE

10.06 30' ALUMINUM FLAG POLE. BASIS OF DESIGN CONCORD AMERICAN FLAGPOLE - ESTATE SERIES ESS, CONE TAPERED SHAPE.

NOT FOR CONSTRUCTION

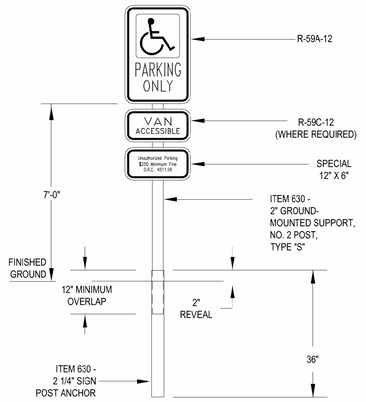
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LDA Project No.2026.11

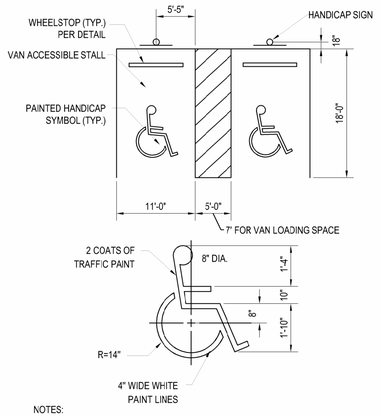
ENLARGED SITE PLAN

AS.02



NOTE:
1. SIGNS PLACED IN PAVEMENT TO BE BOLLARD MOUNTED. ALL OTHER SIGNS TO BE STANDARD.

STANDARD HANDICAP PARKING SIGN
SCALE: N.T.S.



NOTES:
1. STRIPING TO BE 4 INCHES WIDE AND WHITE IN COLOR.
2. HANDICAP SIGNS TO BE PLACED IN THE NEAREST GRASS AREA ACROSS CONCRETE WALKS FOR SPACES THAT ABUT WALKS. HANDICAP SIGNS TO BE BOLLARD MOUNTED AND PLACED AT HEAD OF SPACE FOR SPACES THAT DO NOT ABUT WALKS.
3. STALL AND AISLE WIDTHS ARE TYPICAL UNLESS OTHERWISE STATED ON PLAN.
4. ALL STANDARD PARKING STALL STRIPING TO BE 4 INCHES WIDE AND WHITE IN COLOR.

ADA ACCESSIBLE PARKING STRIPING DETAIL
NOT TO SCALE

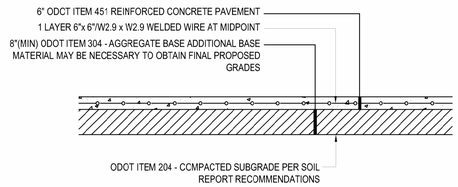
PAVEMENT JOINT NOTES:

1) CONTRACTOR SHALL INSTALL CONTROL AND EXPANSION JOINTS PER DETAIL.

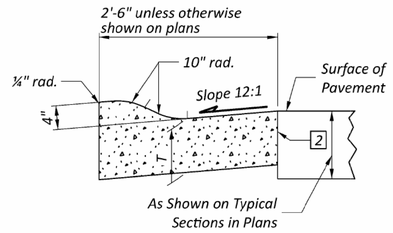
2) NO SLAB DIMENSION MEASURED ALONG JOINT SHALL EXCEED 15'.

3) NO JOINTS SHALL BE PLACED CLOSER THAN 6' FROM ANY OTHER PARALLEL JOINT OR OF PAVEMENT.

4) ALL JOINTS ENDING AT A CURB SHALL BE EXTENDED THROUGH CURB.

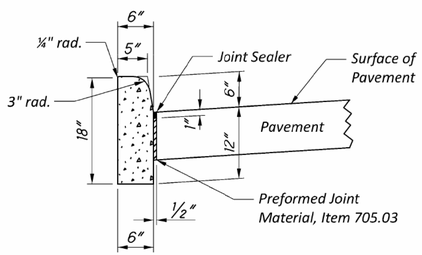


HEAVY DUTY CONCRETE PAVEMENT
NOT TO SCALE



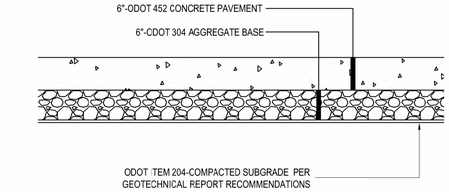
TYPE 3

ODOT TYPE 3 CURB DETAIL
SCALE: N.T.S.

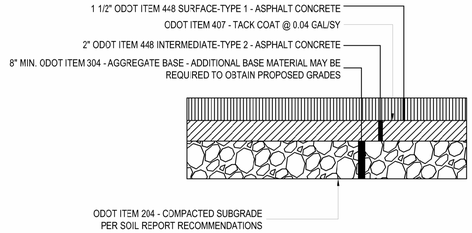


TYPE 6

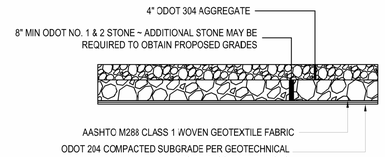
ODOT TYPE 6 CURB DETAIL
SCALE: N.T.S.



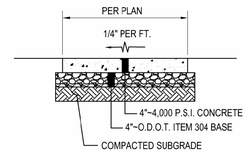
LIGHT DUTY CONCRETE PAVEMENT
NOT TO SCALE



STANDARD DUTY ASPHALT PAVEMENT SECTION
SCALE: N.T.S.



AGGREGATE LOT DETAIL
NOT TO SCALE



NOTE:
1. WALK TO BE DIVIDED INTO EQUALLY SPACED BLOCKS AT INTERVALS APROXIMATELY EQUAL TO THE WIDTH OF THE WALK. EXPANSION JOINT FILLER 1/2" THICK SHALL BE INSTALLED BETWEEN WALK AND ANY FIXED STRUCTURE EXTENDING FOR THE FULL DEPTH OF THE SIDEWALK. THE EXPANSION JOINT FILLER SHALL BE 1" THICK WHERE WALK IS INSTALLED AGAINST BACK OF CURB.

WALK DETAIL
NOT TO SCALE

NO.	DATE	BY	DESCRIPTION
1	09/15/2026	ECA	PLANNING COMMISSION SUBMISSION

PRELIMINARY
NOT FOR CONSTRUCTION

20600 CHAGRIN BLVD
SUITE 500, SHAKER HEIGHTS, OH 44122
TEL: 216.378.1490
FAX: 216.378.1497

PROJECT DATE: 09/15/2026
PROJECT NO.: 2500964
DRAWN BY: ECA
CHECKED BY: SG

TECHNICAL SKILL. CREATIVE SPIRIT.

Mannik Smith GROUP
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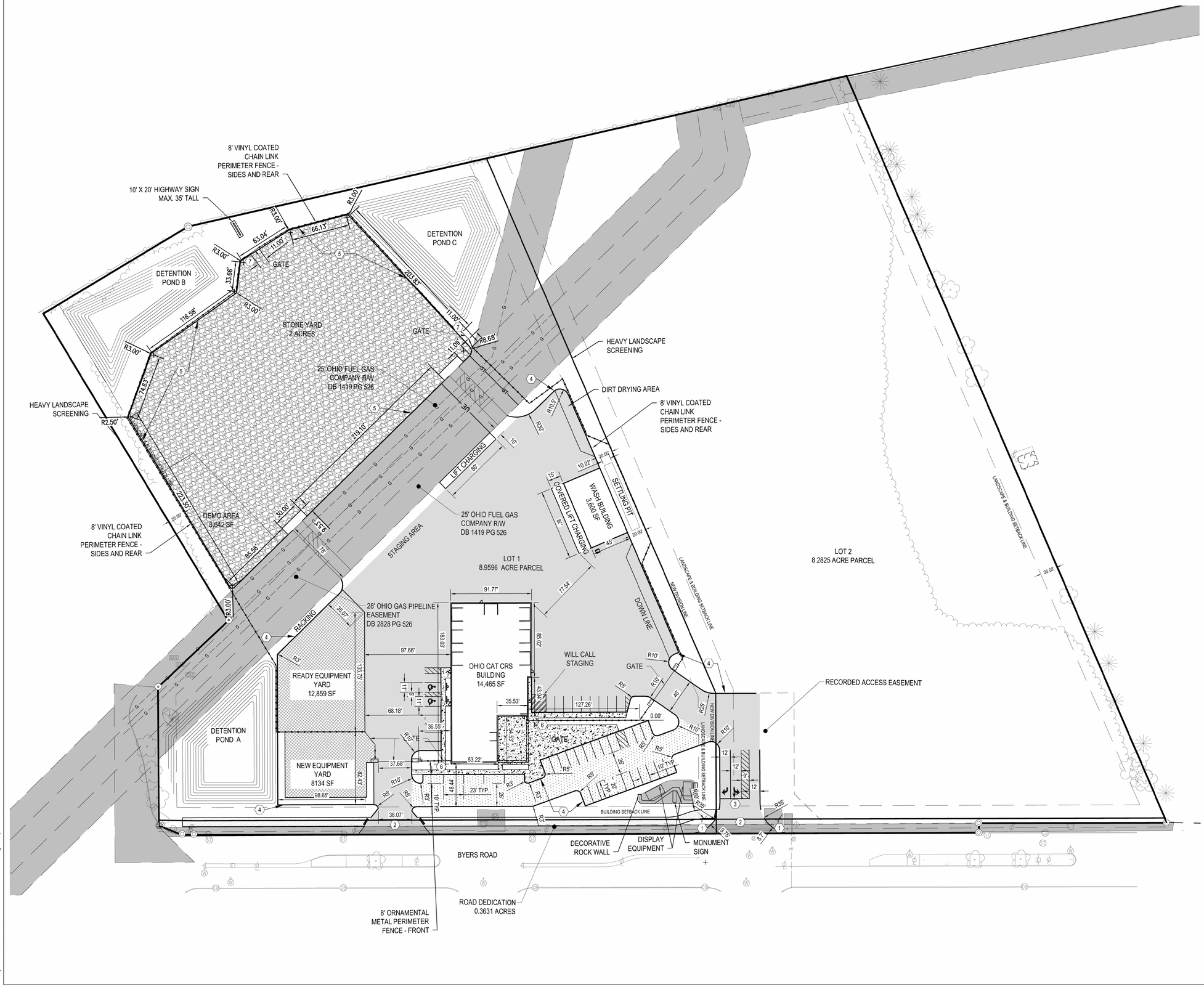
PREPARED FOR:
OMCO BUILDING, LLC
3993 EAST ROYALTON ROAD
BROADVIEW HEIGHTS, OH 44147

OHIO CAT
RENTAL SERVICE FACILITY
MIAMISBURG, OH

CONSTRUCTION DETAILS

C003

W:\Projects\2025\800-899\2500964\CAD\SHTS\C002-007 Construction Details.dwg - Last printed 10/22/2026 4:39 PM



50 25 0 50 100
1"=50'

LEGEND

- EASEMENT CROSSING (SEE DETAIL ON SHEET C005)
- CENTERPOINT ENERGY GAS EASEMENTS
- HEAVY DUTY CONCRETE PAVEMENT (SEE DETAIL ON SHEET C005)
- BASE: HEAVY DUTY CONCRETE PAVEMENT BID ALTERNATE: ROLLER-COMPACTED CONCRETE
- STANDARD DUTY ASPHALT PAVEMENT (SEE DETAIL ON SHEET C005)
- AGGREGATE STORAGE LOT (SEE DETAIL ON SHEET C005)
- 5' CONCRETE WALK (SEE DETAIL ON SHEET C005)
- PROPOSED MULTI-PURPOSE TRAIL
- CHAIN LINK FENCE
- DRIVE SLIDE GATE
- ACCESSIBLE PARKING SIGN
- LIGHT POLE WITH LUMINAIRE
- ADA PARKING SYMBOL

GENERAL NOTES

1. ALL DIMENSIONS SHOWN ARE PERPENDICULAR TO ITEMS BEING DIMENSIONED.
2. CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY ONSITE AND OFFSITE ITEMS DAMAGED DURING CONSTRUCTION IN THE SAME OR BETTER CONDITION THAN THEY WERE PRIOR TO CONSTRUCTION.
3. ALL PROPOSED CURB SHALL BE 4" MOUNTABLE CURB, UNLESS NOTED OTHERWISE.
4. PROPOSED GATES SHALL BE EQUIPPED WITH KEYCARD ACCESS READERS.
5. ALL FENCING FACING BYERS ROAD SHALL BE ORNAMENTAL METAL. VINYL-COATED CHAIN LINK IS LIMITED TO THE SIDES AND REAR.

SETBACKS TABLE		
BUILDING SETBACKS		
FRONT	SIDE	REAR
15'	20'	–
LANDSCAPE SETBACKS		
FRONT	SIDE	REAR
15'	20'	–

CODED NOTES:

1. EXISTING LIGHT POLES TO REMAIN. OTHERS WILL ADD ADDITIONAL SIGNALS FOR EGRESS TRAFFIC.
2. DRIVE APRONS TO BE 8" DEPTH PER CITY OF MIAMISBURG REQUIRMENT
3. AS THE SIGNAL MPROVEMENT IS BEING PERFORMED BY OTHERS, A PHYSICAL CONNECTION FOR EXIT MANEUVERS AT THE BYERS/KOHNLE SIGNALIZED INTERSECTION WILL NOT BE PERMITTED UNTIL SIGNAL UPGRADES HAVE BEEN PERFORMED AND IT IS SAFE FOR ALL ROADWAY USERS.
4. ODOT TYPE 3 CURB (SEE DETAIL ON SHEET C003)
5. ODOT TYPE 6 CURB (SEE DETAIL ON SHEET C003)
6. SINGLE GATE, 6 FT WIDTH (SEE DETAIL ON SHEET C004)
7. DOUBLE GATE (SEE DETAIL ON C004)

NO.	DATE	BY	DESCRIPTION
1	09/15/2026	ECA	PLANNING COMMISSION SUBMISSION

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NOT FOR CONSTRUCTION

20600 CHAGRIN BLVD
SUITE 500, SHAKER HEIGHTS, OH 44122
TEL: 216.378.1490
FAX: 216.378.1497

PROJECT DATE: 09/15/2026
PROJECT NO.: 2500904
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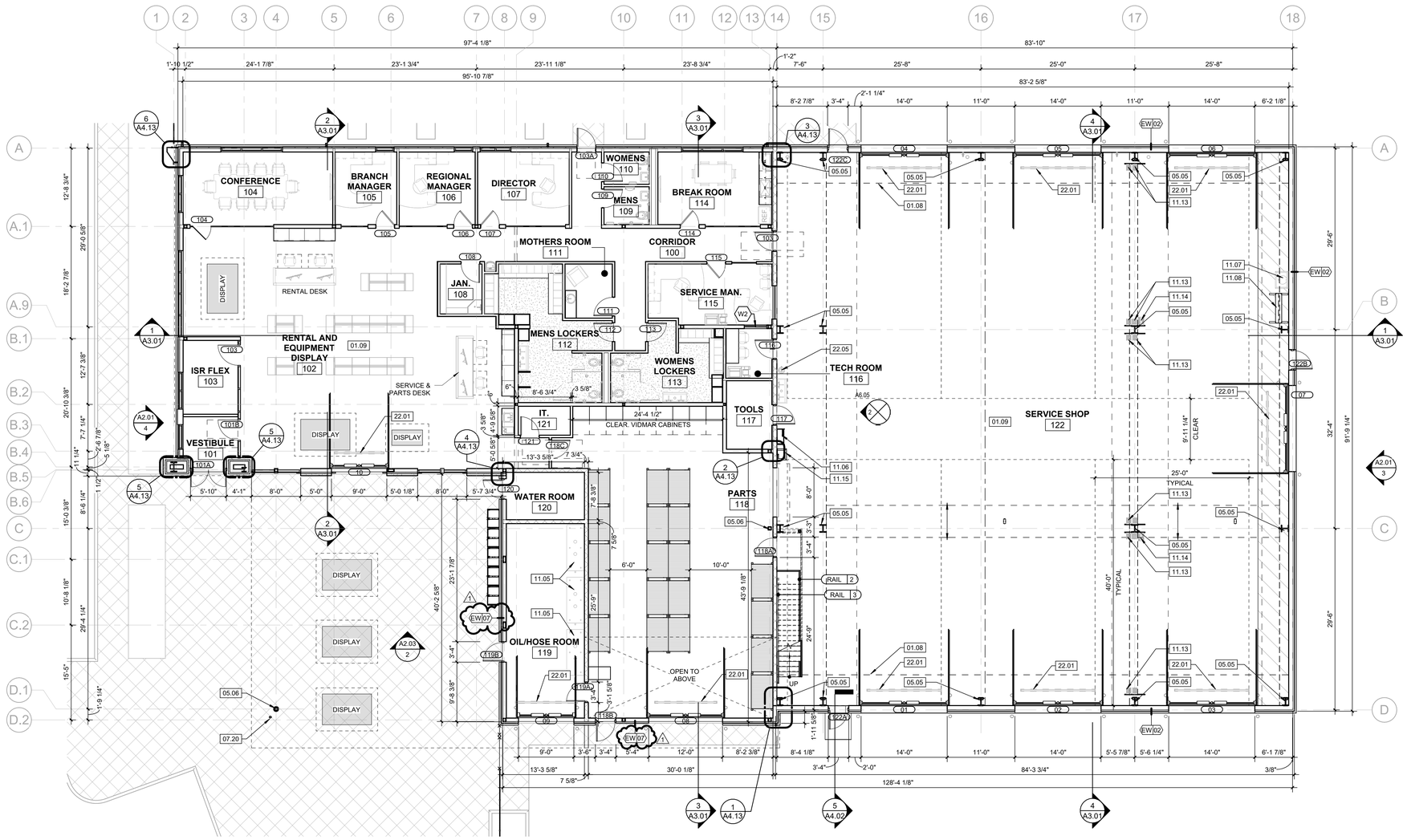
PREPARED FOR:
OMCO BUILDING, LLC
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BROADVIEW HEIGHTS, OH 44147

OHIO CAT RENTAL SERVICE FACILITY MIAMISBURG, OH

SITE PLAN

C200

W:\Projects\2025\800-899\2500964\CAD\SHTS\C200 Site Plan.dwg - Last printed 10/22/2026 4:40 PM



1 A1.01 OVERALL FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

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GENERAL NOTES - FLOOR PLANS

1. ARCHITECTURAL FINISH FLOOR ELEVATION 0'-0" COORDINATE WITH CIVIL DRAWINGS

2. MASONRY DIMENSIONS ARE TO FACE OF WALL AND EDGES OF OPENINGS UNLESS OTHERWISE NOTED.

3. EXTERIOR WALL DIMENSIONS ARE FROM FACE INSULATED METAL PANEL OR CMU VENEER UNLESS OTHERWISE NOTED.

4. COORDINATE WITH CODE DATA & LIFE SAFETY SHEET G0.02-03, CONSTRUCTION TYPES AND ASSEMBLIES SHEET G1.01.

5. REFER TO STRUCTURAL DRAWINGS FOR ALL BEARING WALL LOCATIONS, DETAILS, FOUNDATION INFORMATION AND REQUIREMENTS. ARCHITECTURAL SHOWS GENERAL SIZES OF ALL STRUCTURAL ELEMENTS.

6. ALL CONTRACTORS TO ENSURE FIRE SEPARATION RATINGS AND FIRE STOPPING AS SPECIFIED BY CODE. WHERE EACH TRADE PENETRATES A SEPARATION WALL, THAT TRADE WILL BE RESPONSIBLE TO SEAL TIGHT OPENINGS WITH MATERIAL TO MATCH THE FIRE RESISTANCE RATING OF THE IN-PLACE CONSTRUCTION.

7. NOTES ON **ARCHITECTURAL DIMENSIONING**:
   A) ALL INTERIOR WALL DIMENSIONS ARE TO FACE OF STUDS, U.O.N. INSIDE FACE OF EXTERIOR METAL PANELS, OR FACE OF MASONRY.
   -IN STUD WALLS DIMENSIONS ARE TO CENTERLINE OF OPENING. IN MASONRY WALLS DIMENSION IS TO ROUGH OPENING. U.N.O.

   B) VERIFY ANY DIMENSIONAL DISCREPANCIES WITH ARCHITECT.

8. SEE SHEET G2.01 FOR ACCESSIBLE REQUIREMENTS.

9. ALL ROOFS TO SLOPE A MINIMUM 1/4" PER 1'-0".

10. ALL ROOFTOP EQUIPMENT TO BE LOCATED A MINIMUM OF 10'- 0" FROM THE ROOFS EDGE.

11. SHELVING IN PARTS ROOM, IS AT 8'-0" HIGH. INTERMEDIATE SPRINKLER HEADS MAY BE REQUIRED BETWEEN SHELVING ISLES. COORDINATE WITH FIRE SUPPRESSION SYSTEM DESIGN.

12. ALL EXPOSED CMU WALLS ARE TO BE PAINTED, REFER TO FINISH SCHEDULE.

KEYED NOTES SPECIFIC TO THIS SHEET

REFERENCED BY THE SYMBOL ☐

TYPICAL UNLESS NOTED OTHERWISE

01.08 DASHED LINE INDICATES SLIGHT SLOPE TOWARD DRAIN.
01.09 OPEN VOLUME TO STRUCTURE ABOVE.
05.05 PRE-ENGINEERED METAL BUILDING STRUCTURE. REFER TO SHOP DRAWINGS.
05.06 PRE-MANUFACTURED STEEL STRUCTURE. REFER TO STRUCTURAL DRAWINGS.
07.20 PROVIDE 3" PREFINISHED ALUMINUM DOWNSPOUT.
11.05 FLAME SHIELD 500 GALLON, DOUBLE WALL, OIL STORAGE TANK. OIL VENDOR TO PROVIDE.
11.06 FILTER CRUSHER, OBERG P-100WM.
11.07 PARTS HAND WASHER, TO BE FURNISHED BY OWNER. INSTALLED BY CONTRACTOR.
11.08 PARTS CRUSHER, TO BE FURNISHED BY OWNER, INSTALLED BY CONTRACTOR.
11.13 PROVIDE OIL HOSE REEL. COORDINATE HEIGHT, POSITION, AND OIL TYPE WITH OWNER. PROVIDE UNI-STRUT FOR CONNECTION AS NEEDED.
11.14 PROVIDE AIR HOSE REEL. COORDINATE HEIGHT AND POSITION WITH OWNER. PROVIDE UNI-STRUT FOR CONNECTION AS NEEDED.
11.15 MYERS WASTE OIL FUNNEL SINK. OIL LINE VENDOR TO PROVIDE.
22.01 FLOOR TRENCH DRAIN. REFER TO PLUMBING DRAWINGS.
22.05 WALL MOUNTED, EMERGENCY EYE WASH STATION.

NOT FOR CONSTRUCTION

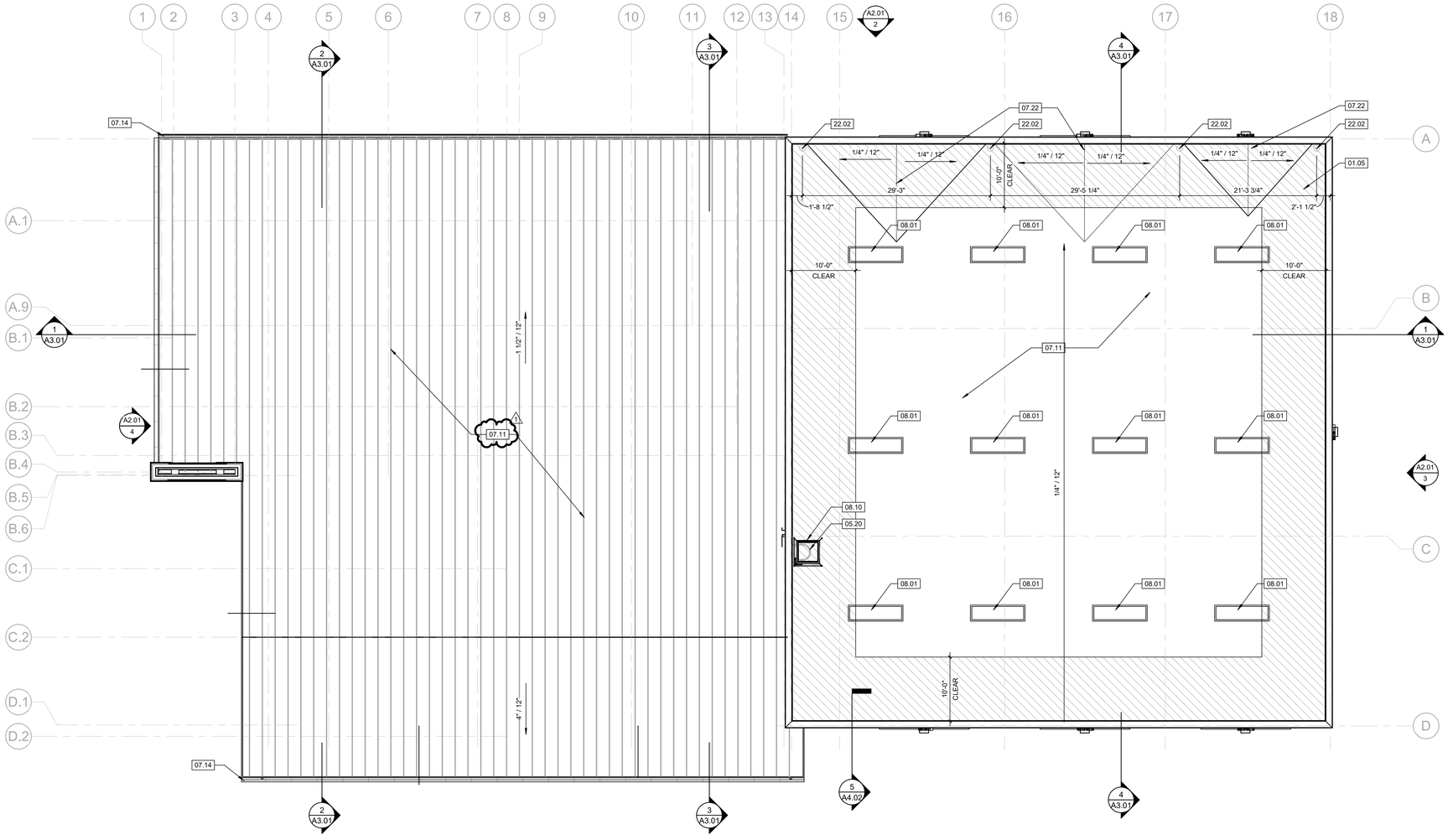
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RENTAL FACILITY
490 BYERS ROAD, MIAMISBURG, OHIO 45342

LDA Project No.2026.11

OVERALL FLOOR PLANS

A1.01



1 A1.03 OVERALL ROOF PLANS
SCALE: 1/8" = 1'-0"

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KEYED NOTES SPECIFIC TO THIS SHEET

REFERENCED BY THE SYMBOL ☐

TYPICAL UNLESS NOTED OTHERWISE

01.05 DIAGONAL HATCH INDICATED 10'-0" PARAPET OFFSET IN WHICH NO ROOFTOP EQUIPMENT IS TO BE INSTALLED.
05.20 GALVANIZED STEEL WALL MOUNTED LADDER WITH SAFETY CAGE ENCLOSURE.
07.11 STANDING SEAM ROOF. REFER TO ROOF TYPES.
07.14 PROVIDE BEVELED 7" X 7" PREFINISHED ALUMINUM GUTTER.
07.22 TAPERED ROOF CRICKET. SLOPE TOWARDS DRAIN.
08.01 UNITIZED SKYLIGHT ON RAISED CURB.
08.10 NYSTROM 36"X36" INSULATED ROOF HATCH. WITH INTEGRAL SAFETY RAILING.
22.02 ROOF DRAIN WITH BIRD CASE. TO CORDINATE WITH PLUMBING DRAWINGS.

NOT FOR CONSTRUCTION

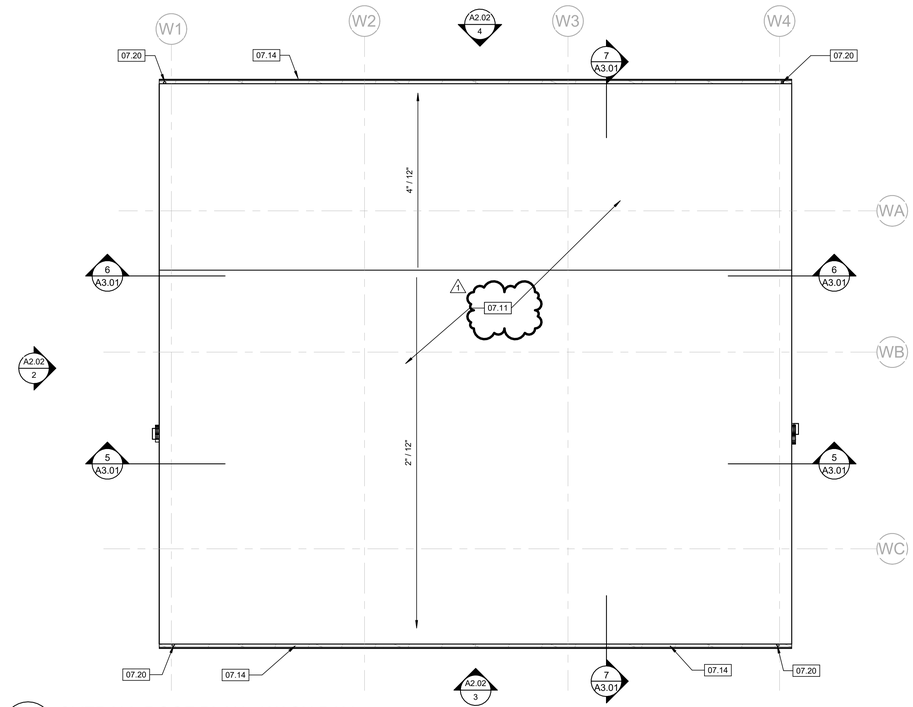
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490 BYERS ROAD, MIAMISBURG, OHIO 45342

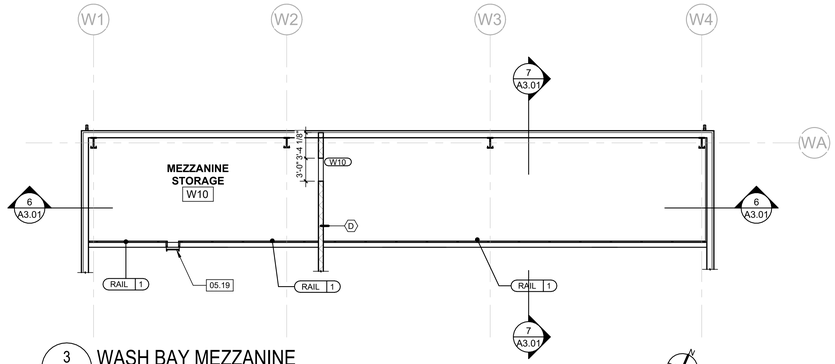
LDA Project No.2026.11

OVERALL ROOF PLAN

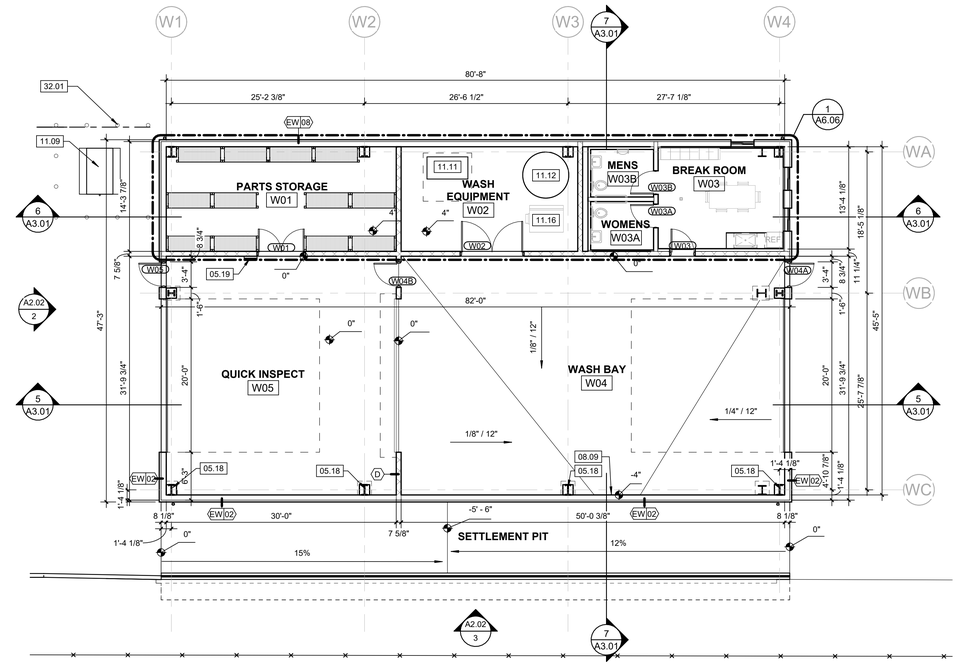
A1.03



2 / A1.04 OVERALL ROOF PLAN - WASH BAY
SCALE: 1/8" = 1'-0"



3 / A1.04 WASH BAY MEZZANINE
SCALE: 1/8" = 1'-0"



1 / A1.04 OVERALL FIRST FLOOR PLAN - WASH BAY
SCALE: 1/8" = 1'-0"

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GENERAL NOTES - FLOOR PLANS

1. ARCHITECTURAL FINISH FLOOR ELEVATION 0'-0" COORDINATE WITH CIVIL DRAWINGS

2. MASONRY DIMENSIONS ARE TO FACE OF WALL AND EDGES OF OPENINGS UNLESS OTHERWISE NOTED.

3. EXTERIOR WALL DIMENSIONS ARE FROM FACE INSULATED METAL PANEL OR CMU VENEER UNLESS OTHERWISE NOTED.

4. COORDINATE WITH CODE DATA & LIFE SAFETY SHEET G0.02-03, CONSTRUCTION TYPES AND ASSEMBLIES SHEET G1.01.

5. REFER TO STRUCTURAL DRAWINGS FOR ALL BEARING WALL LOCATIONS, DETAILS, FOUNDATION INFORMATION AND REQUIREMENTS. ARCHITECTURAL SHOWS GENERAL SIZES OF ALL STRUCTURAL ELEMENTS.

6. ALL CONTRACTORS TO ENSURE FIRE SEPARATION RATINGS AND FIRE STOPPING AS SPECIFIED BY CODE. WHERE EACH TRADE PENETRATES A SEPARATION WALL, THAT TRADE WILL BE RESPONSIBLE TO SEAL TIGHT OPENINGS WITH MATERIAL TO MATCH THE FIRE RESISTANCE RATING OF THE IN-PLACE CONSTRUCTION.

7. NOTES ON **ARCHITECTURAL DIMENSIONING**:
   A) ALL INTERIOR WALL DIMENSIONS ARE TO FACE OF STUDS, U.O.N. INSIDE FACE OF EXTERIOR METAL PANELS, OR FACE OF MASONRY.
   -IN STUD WALLS DIMENSIONS ARE TO CENTERLINE OF OPENING. IN MASONRY WALLS DIMENSION IS TO ROUGH OPENING. U.N.O.

   B) VERIFY ANY DIMENSIONAL DISCREPANCIES WITH ARCHITECT.

8. SEE SHEET G2.01 FOR ACCESSIBLE REQUIREMENTS.

9. ALL ROOFS TO SLOPE A MINIMUM 1/4" PER 1'-0".

10. ALL ROOFTOP EQUIPMENT TO BE LOCATED A MINIMUM OF 10'- 0" FROM THE ROOFS EDGE.

11. SHELVING IN PARTS ROOM, IS AT 8'-0" HIGH. INTERMEDIATE SPRINKLER HEADS MAY BE REQUIRED BETWEEN SHELVING ISLES. COORDINATE WITH FIRE SUPPRESSION SYSTEM DESIGN.

12. ALL EXPOSED CMU WALLS ARE TO BE PAINTED, REFER TO FINISH SCHEDULE.

KEYED NOTES SPECIFIC TO THIS SHEET

REFERENCED BY THE SYMBOL ☐

TYPICAL UNLESS NOTED OTHERWISE

05.18	PRE-MANUFACTURED STEEL STRUCTURE TO HAVE PROTECTIVE WRAPPING.
05.19	GALVANIZED STEEL WALL MOUNTED LADDER WITH SAFETY EXTENSIONS AT TOP.
07.11	STANDING SEAM ROOF. REFER TO ROOF TYPES.
07.14	PROVIDE BEVELED 7" X 7" PREFINISHED ALUMINUM GUTTER.
07.20	PROVIDE 3" PREFINISHED ALUMINUM DOWNSPOUT.
08.09	REMOVABLE COMPOSITE 1/2" PLASTIC PANEL. PROVIDE ALUMINUM J-CHANNEL TRACK ON BOTH SIDES. PROVIDE 2 STAINLESS STEEL HANDLES. R.O. OF 1'-0" X 6'-0"
11.09	FLAME SHIELD 500 GALLON DIESEL STORAGE TANK. WITH 5 GALLON TANK TOP SPILL CONTAINER, AND MUSHROOM VENT. OIL VENDOR TO PROVIDE
11.11	WASH BAY EQUIPMENT. BASIS OF DESIGN LANDA ENG HOT WATER PRESSURE WASHER. OWNER TO FURNISH, CONTRACTOR TO INSTALL.
11.12	1050 GALLON WATER STORAGE TANK WITH STAND.
11.16	WATERMAZE DEMUCKING CANNON SERIES WATER BLASTER.
32.01	36" HIGH CONCRETE FILLED 9" DIAMETER BOLLARD. 40 STEEL PIPE WITH COVER TO MATCH OTHER EXTERIOR BOLLARDS.

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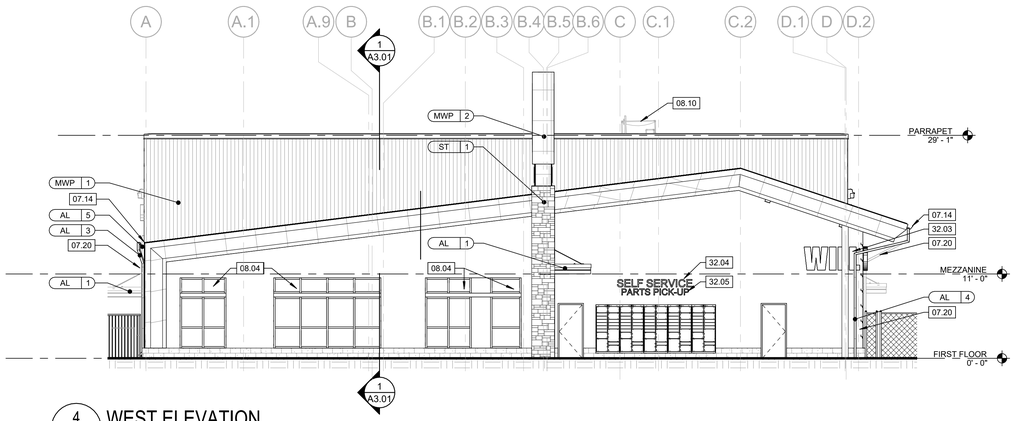
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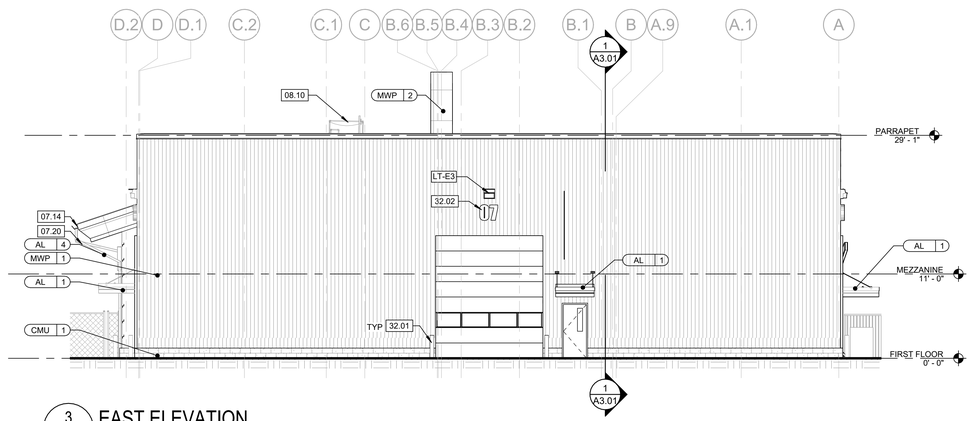
OVERALL FLOOR & ROOF PLANS - WASH BAY

A1.04

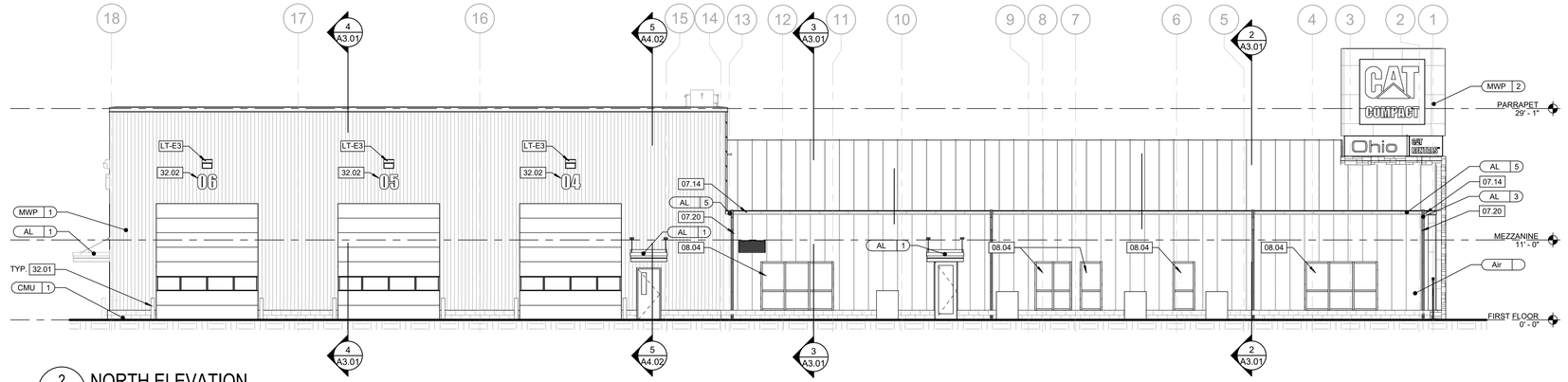
EXTERIOR FINISH SCHEDULE						
SYMBOL KEY	#	MATERIAL	MANUFACTURER	STYLE	COLOR	NOTES
AL	1	ALUMINUM	MAPES ARCHITECTURAL CANOPIES	PREFINISHED	RED	SUPER-LUMIDECK FLAT SOFFIT
AL	2	PREFINISHED ALUMINUM COPING	DMI	PREFINISHED	MATCH MWP 1	
AL	3	ALUMINUM GUTTERS AND DOWNSPOUTS	-	PREFINISHED	MATCH MWP 2	
AL	4	ALUMINUM GUTTERS AND DOWNSPOUTS	-	PREFINISHED	MATCH MWP 1	
AL	5	ALUMINUM GUTTERS AND DOWNSPOUTS	-	PREFINISHED	-	1 FINISH TO MATCH ADJACENT MWP COLOR
CMU	1	CONCRETE MASONRY UNIT		GROUND FACE CMU		
CON	1	VARIES	VARIES	VARIES	VARIES	
MWP	1	VERTICAL PREFINISHED INSULATED PANEL	FALK	3" HFW-40 BOX RIB	WHITE	MAXIMUM U VAULE OF 0.05
MWP	2	VERTICAL PREFINISHED INSULATED PANEL	FALK	3" HFW-40 BOX RIB	GREY	MAXIMUM U VAULE OF 0.05
ST	1	CULTURED STONE VENEER	ARRISCRAFT			



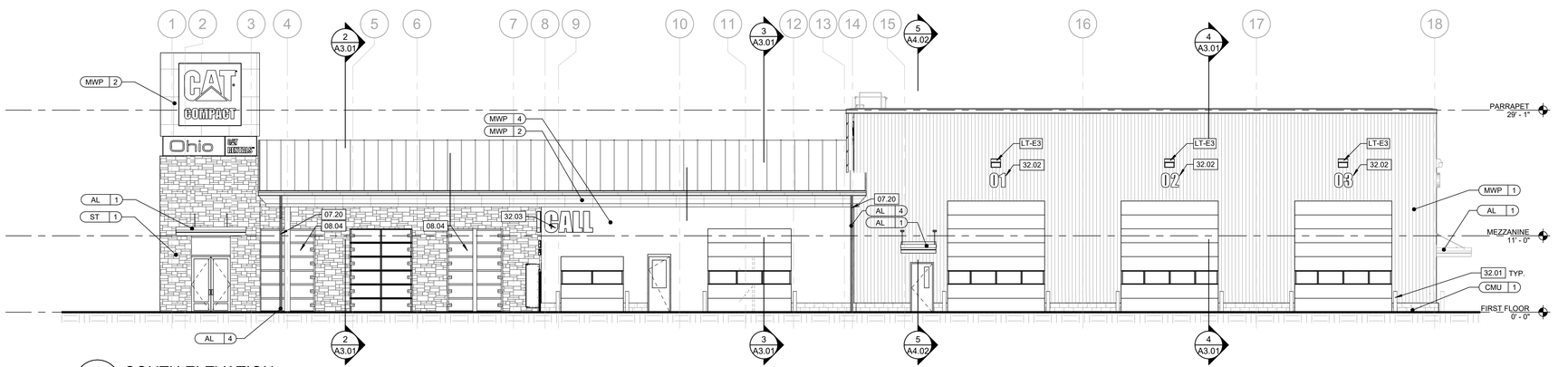
4 A2.01 WEST ELEVATION
SCALE: 1/8" = 1'-0"



3 A2.01 EAST ELEVATION
SCALE: 1/8" = 1'-0"



2 A2.01 NORTH ELEVATION
SCALE: 1/8" = 1'-0"



1 A2.01 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

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GENERAL NOTES - EXTERIOR ELEVATIONS

1. REFER TO SHEETS A2.01 THROUGH A2.03 FOR ELEVATIONS AND EXTERIOR MATERIAL FINISHES.
2. REFER TO FLOOR PLANS FOR DOOR SWING DIRECTION.
3. REFER TO SYMBOL LEGEND, SHEET G0.02.
4. CONTRACTOR TO PROVIDE PHYSICAL SAMPLES OF ALL INDICATED MATERIAL FOR APPROVAL BEFORE ORDERING.
5. PATTERNS INDICATED ON DRAWINGS ARE REPRESENATIONAL ONLY AND ARE NOT INTENDED TO RELFECT ACTURAL JOINTS AND PATTERNS IN THE VENEER.
6. CONTRACTOR TO PROVIDE CONTROL JOINTS IN THE CMU WALL. TO BE A MAXIMUM OF 25'-0" APART.
-ADJACENT TO CORNERS OF WALLS
-CONTROL JOINTS TO BE ABOVE GRADE ONLY

KEYED NOTES SPECIFIC TO THIS SHEET

REFERENCED BY THE SYMBOL [ ]

TYPICAL UNLESS NOTED OTHERWISE

1 07.14 PROVIDE BEVELED 7" X 7" PREFINISHED ALUMINUM GUTTER.
07.20 PROVIDE 3" PREFINISHED ALUMINUM DOWNSPOUT.
08.04 BASIS OF DESIGN, KAWNEER TRIFAB 451UT STOREFRONT GLAZING SYSTEM.
08.10 NYSTROM 36"X36" INSULATED ROOF HATCH, WITH INTEGRAL SAFETY RAILING.
32.01 36" HIGH CONCRETE FILLED 9" DIAMETER BOLLARD. 40 STEEL PIPE WITH COVER TO MATCH OTHER EXTERIOR BOLLARDS.
32.02 ALUMINUM BAY LETTERS, 24" HIGH x 0.125" THICK, PROVIDED BY TOLEDO SIGN CO.
32.03 ALUMINUM LETTERS, 36" HIGH X 0.125" THICK, PROVIDED BY TOLEDO SIGN CO.
32.04 ALUMINUM LETTERS, 12" HIGH X 0.125" THICK, PROVIDED BY TOLEDO SIGN CO.
32.05 ALUMINUM LETTERS, 10" HIGH X 0.125" THICK, PROVIDED BY TOLEDO SIGN CO.

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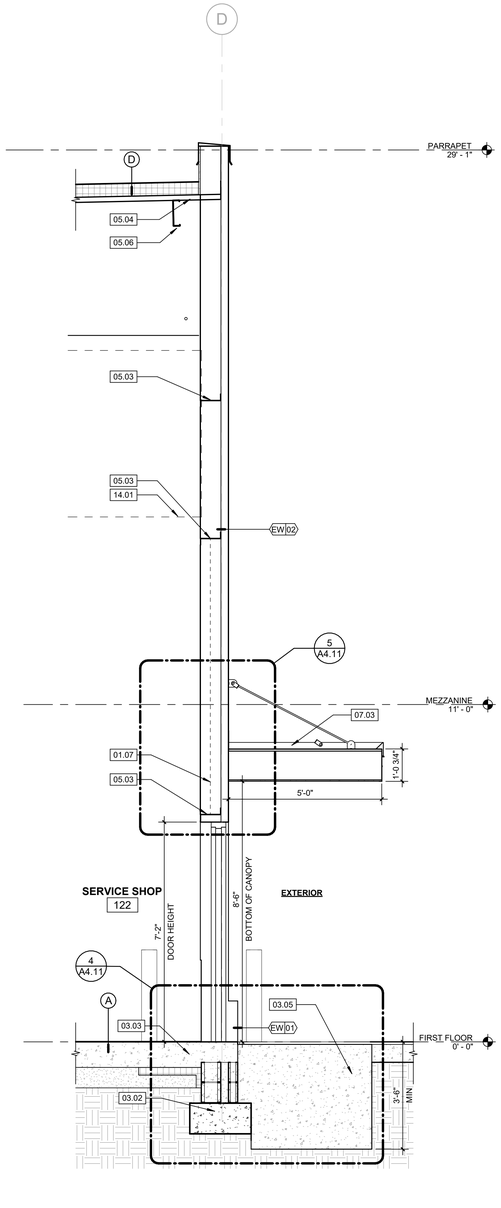
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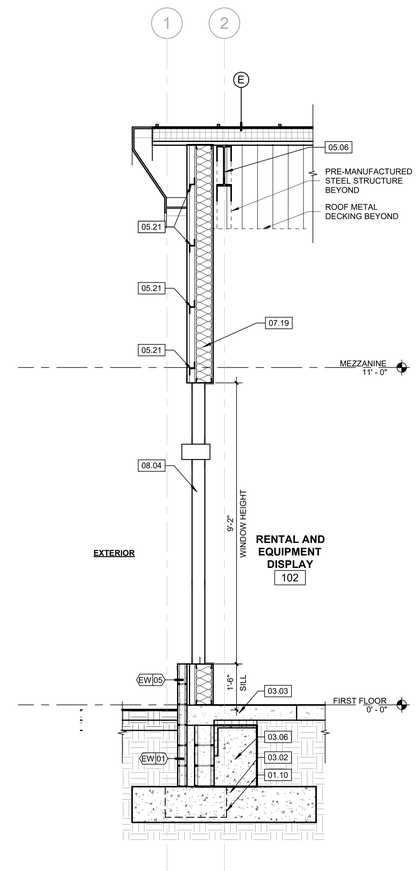
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EXTERIOR ELEVATIONS

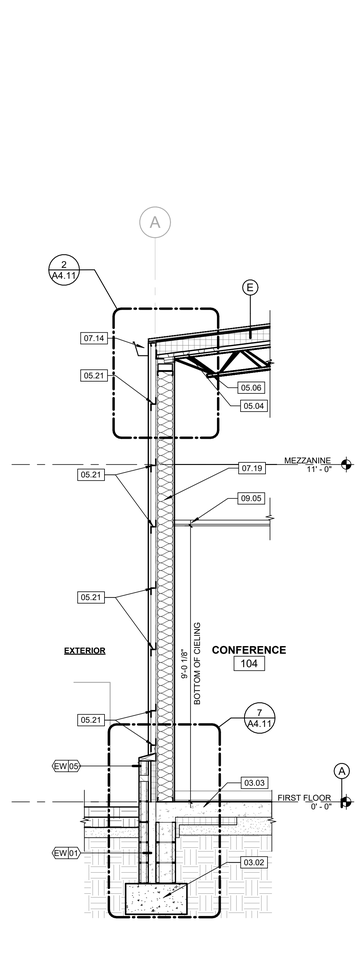
A2.01



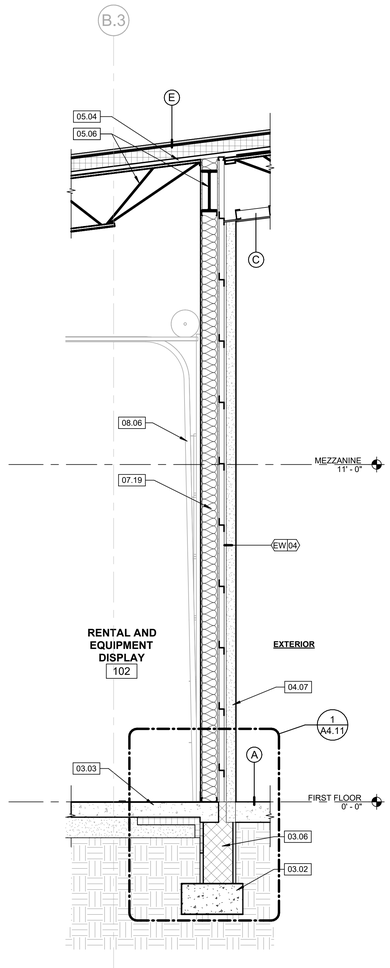
5 A4.02 TYP. CANOPY WALL SECTION
SCALE: 1/2" = 1'-0"



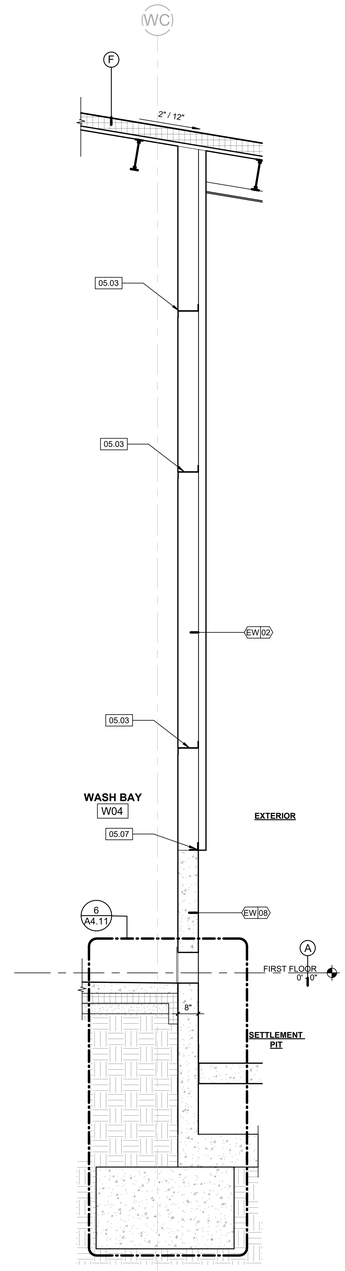
4 A4.02 TYP. RETAIL WALL SECTION
SCALE: 1/2" = 1'-0"



3 A4.02 OFFICE WALL SECTION
SCALE: 1/2" = 1'-0"



2 A4.02 TYP. RETAIL GARAGE DOOR SECTION
SCALE: 1/2" = 1'-0"



1 A4.02 TYP. WASH BAY WALL SECTION
SCALE: 1/2" = 1'-0"

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KEYED NOTES SPECIFIC TO THIS SHEET

REFERENCED BY THE SYMBOL

TYPICAL UNLESS NOTED OTHERWISE

01.07 DASHED LINE INDICATES VERTICAL METAL FRAMING WITHIN WALL FOR CANOPY ATTACHMENT.
01.10 HATCH INDICATES TYPICAL FOOTING BEYOND.
03.02 REINFORCED CONCRETE FOUNDATION. REFER TO STRUCTURAL DRAWINGS.
03.03 REINFORCED CONCRETE SLAB ON GRADE. REFER TO STRUCTURAL DRAWINGS.
03.05 REINFORCED CAST IN PLACE CONCRETE FROST SLAB. REFER TO STRUCTURAL DRAWINGS.
03.06 REINFORCED CAST IN PLACE CONCRETE.
04.07 4-UNIT STONE VENEER WITH BAGGED JOINTS. REFER TO ELEVATIONS FOR TYPE AND COLOR. FLEXIBLE WALL TIES LOCATED AT 16" MAX VERTICAL SPACING AND 14" MAX HORIZONTAL SPACING.
05.03 GALVANIZED Z-GIRT FRAMING. BY PRE-FABRICATED STRUCTURE MANUFACTURER.
05.04 GALVANIZED METAL DECKING. REFER TO PRE-FABRICATED STRUCTURE MANUFACTURER.
05.06 PRE-MANUFACTURED STEEL STRUCTURE. REFER TO STRUCTURAL DRAWINGS.
05.07 GALVANIZED STEEL ANGLE TO SUPPORT EXTERIOR METAL PANEL.
05.21 GALVANIZED Z-GIRT FRAMING. 24" O.C MAX.
07.03 PREFINISHED CANTILEVERED CANOPY SYSTEM. BASIS OF DESIGN, MAPES SUPER LUMIDECK FLAT SOFFIT.
07.04 PROVIDE BEVELED 7" X 7" PREFINISHED ALUMINUM GUTTER.
07.19 R-19 BATT INSULATION.
08.04 BASIS OF DESIGN, KAWNEER TRIFAB 451UT STOREFRONT GLAZING SYSTEM.
08.06 FULL-VIEW GARAGE DOOR. REFER TO DOOR SCHEDULE.
09.05 PROVIDE AND INSTALL NEW ACOUSTICAL CEILING TILE ON 2X4 COMMERCIAL GRID THROUGHOUT.
14.01 5 TON OVERHEAD CRANE. REFER TO STRUCTURAL DRAWINGS.

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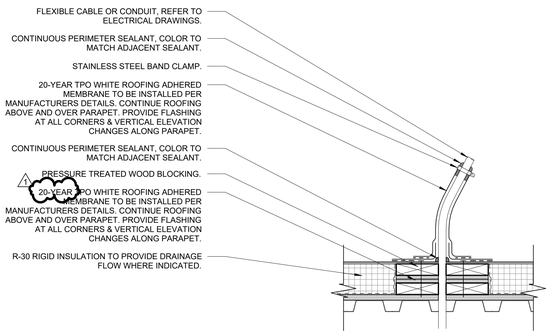
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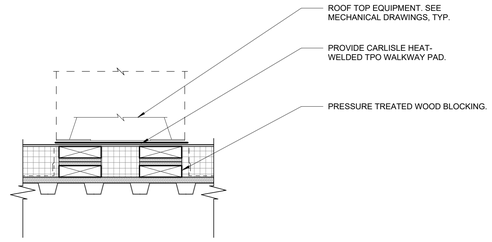
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WALL SECTIONS

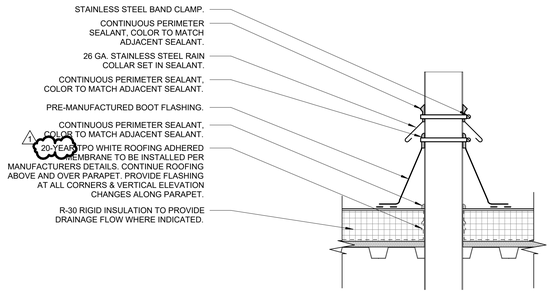
A4.02



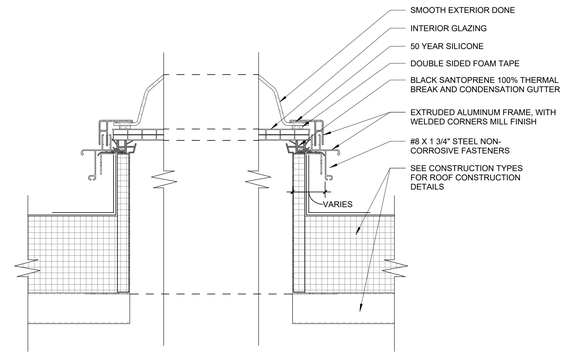
6 A4.14 ROOF CABLE DETAIL
SCALE: 1 1/2" = 1'-0"



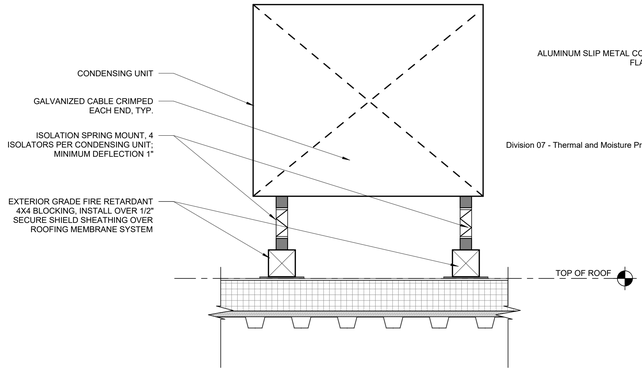
3 A4.14 ROOF EQUIPMENT DETAIL
SCALE: 1 1/2" = 1'-0"



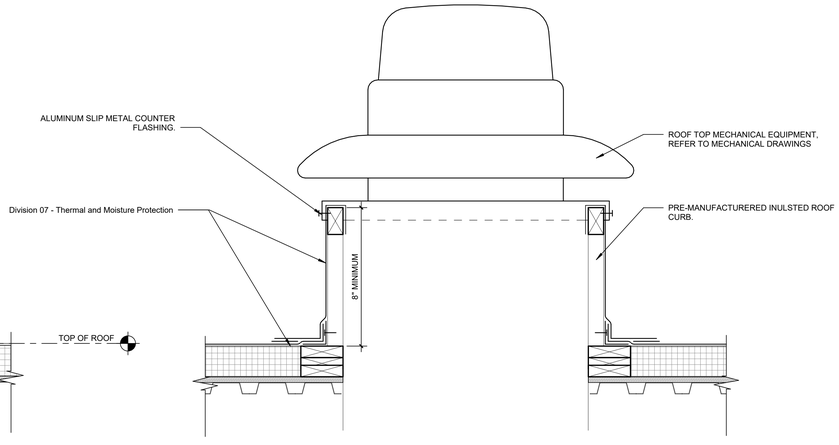
5 A4.14 ROOF VENT STACK DETAIL
SCALE: 1 1/2" = 1'-0"



2 A4.14 SKYLIGHT DETAIL
SCALE: 3" = 1'-0"



4 A4.14 ROOF TOP UNIT - TYP. DETAIL
SCALE: 1 1/2" = 1'-0"



1 A4.14 ROOF MECHANICAL VENT DETAIL
SCALE: 1 1/2" = 1'-0"

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TYPICAL ROOF DETAILS

A4.14

DOOR SCHEDULE - WASH BAY

LOCATION		DESCRIPTION			SIZE			FRAME				FIRE	HW SET	REMARKS
NUMBER	ROOM NAME	TYPE	MATERIAL	FINISH	HEIGHT	WIDTH	THICKNESS	SIZE	TYPE	MATERIAL	FINISH	RATING		
FIRST FLOOR														
W01	QUICK INSPECT	D	HM	PNT	7' - 0"	6' - 0"	0' - 1 3/4"	0' - 5 3/4"	D	HM	PNT		022	
W02	WASH BAY	L	HM	PNT	8' - 0"	8' - 0"	0' - 1 3/4"	0' - 5 3/4"	D	HM	PNT		022	
W03	WASH BAY	D	HM	PNT	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 5 3/4"	D	HM	PNT		011	
W03A	WOMENS	A	WD	STN	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 8 1/4"	A	HM	PNT		006	
W03B	MENS	A	WD	STN	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 8 1/4"	A	HM	PNT		006	
W04A	WASH BAY	D	FRP	PRE	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 5 3/4"	F	IHM	PNT		021	
W04B	QUICK INSPECT	D	FRP	PRE	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 5 3/4"	D	IHM	PNT		024	
W05	QUICK INSPECT	D	FRP	PRE	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 5 3/4"	F	IHM	PNT		021	
W10	MEZZANINE STORAGE	X	-	-	7' - 0"	3' - 0"		0' - 7 5/8"	-	-	-		023	OPENING

GARAGE DOOR SCHEDULE - WASH BAY

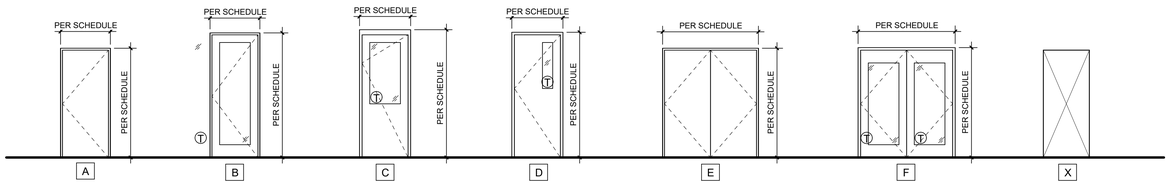
LOCATION		DESCRIPTION			SIZE			FRAME				THRESHOLD	FIRE		
NUMBER	ROOM NAME	TYPE	MATERIAL	FINISH	HEIGHT	WIDTH	THICKNESS	SIZE	TYPE	MATERIAL	FINISH	MATERIAL	RATING	HW SET	REMARKS
FIRST FLOOR															
GW1	QUICK INSPECT	G-3	INS	PRE	20' - 0"	20' - 0"	0' - 2"	0' - 8"							
GW2	WASH BAY	G-3	INS	PRE	20' - 0"	20' - 0"	0' - 2"	0' - 11"							
GW3	QUICK INSPECT	G-3	INS	PRE	20' - 0"	20' - 0"	0' - 3"								

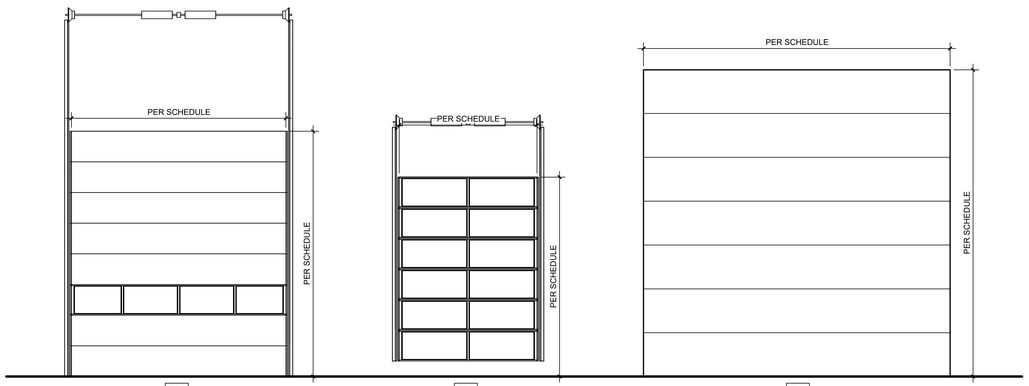
DOOR SCHEDULE

LOCATION		DESCRIPTION			SIZE			FRAME				FIRE	HW SET	REMARKS
NUMBER	ROOM NAME	TYPE	MATERIAL	FINISH	HEIGHT	WIDTH	THICKNESS	SIZE	TYPE	MATERIAL	FINISH	RATING		
FIRST FLOOR														
101A	VESTIBULE	F	AL	PRE	8' - 0"	5' - 7"	0' - 1 3/4"		--	AL	PRE		001	
101B	VESTIBULE	B	AL	PRE	7' - 10 3/4"	3' - 3 1/2"	0' - 1 3/4"		--	AL	PRE		002	
103	CORRIDOR	D	HM	PNT	6' - 8"	3' - 0"	0' - 1 3/4"	0' - 5 3/4"	D	HM	PNT		008	
103	ISR FLEX	B	AL	PRE	7' - 10 3/4"	3' - 3 1/2"	0' - 1 3/4"		A	AL	PRE		003	
103A	CORRIDOR	C	IHM	PNT	8' - 0"	3' - 0"	0' - 1 3/4"	0' - 11 1/4"	F	IHM	PNT		007	
104	CONFERENCE	K	WD	STN	8' - 0"	3' - 0"	0' - 1"		D	HM	PNT		004	
105	BRANCH MANAGER	D	WD	STN	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 8 1/4"	D	HM	PNT		005	
106	REGIONAL MANAGER	D	WD	STN	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 8 1/4"	D	HM	PNT		005	
107	DIRECTOR	D	WD	STN	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 8 1/4"	D	HM	PNT		005	
108	JAN.	A	HM	PNT	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 5 7/8"	A	HM	PNT		010	
109	MENS	A	WD	STN	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 5 7/8"	A	HM	PNT		006	
110	WOMENS	A	WD	STN	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 5 7/8"	A	HM	PNT		006	
111	MOTHERS ROOM	A	WD	STN	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 5 7/8"	A	HM	PNT		006	
112	MENS LOCKERS	A	WD	STN	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 5 7/8"	A	HM	PNT		009	
113	WOMENS LOCKERS	A	WD	STN	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 5 7/8"	A	HM	PNT		009	
114	BREAK ROOM	D	WD	STN	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 8 1/4"	D	HM	PNT		011	
115	SERVICE MAN.	D	WD	STN	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 5 7/8"	D	HM	PNT		012	
116	TECH ROOM	D	HM	PNT	6' - 8"	3' - 0"	0' - 1 3/4"	0' - 5 3/4"	D	HM	PNT		013	
117	TOOLS	D	HM	PNT	6' - 8"	3' - 0"	0' - 1 3/4"	0' - 5 3/4"	D	HM	PNT		014	
118A	PARTS	A	HM	PNT	7' - 0"	3' - 0"	0' - 1 3/4"		D	HM	PNT		015	
118B	PARTS	C	IHM	PNT	8' - 0"	3' - 0"	0' - 1 3/4"	0' - 6 3/4"	F	IHM	PNT		007	
118C	RENTAL AND EQUIPMENT DISPLAY	A	WD	STN	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 5 7/8"	A	HM	PNT		017	
119A	OIL/HOSE ROOM	D	HM	PNT	6' - 8"	3' - 0"	0' - 1 3/4"	0' - 5 3/4"	D	HM	PNT	45	015	
119B	OIL/HOSE ROOM	A	IHM	PNT	7' - 0"	3' - 0"	0' - 1 3/4"		F	IHM	PNT		016	
120	WATER ROOM	A	IHM	PNT	7' - 0"	3' - 0"	0' - 1 3/4"		F	IHM	PNT		016	
121	IT.	A	WD	STN	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 5 7/8"	A	HM	PNT		018	
122A	SERVICE SHOP	D	FRP	PRE	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 5 3/4"	F	IHM	PNT		021	
122B	SERVICE SHOP	D	FRP	PRE	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 5 3/4"	F	IHM	PNT		021	
122C	SERVICE SHOP	D	FRP	PRE	7' - 0"	3' - 0"	0' - 1 3/4"	0' - 5 3/4"	F	IHM	PNT		021	
MEZZANINE														
201A	MEZZANINE LEVEL	A	HM	PNT	7' - 0"	3' - 0"	0' - 1 3/4"		A	HM	PNT		014	
201B	MEZZANINE LEVEL	D	HM	PNT	7' - 0"	6' - 0"	0' - 1 3/4"	0' - 5 3/4"	A	HM	PNT		020	
202	MECHNICAL ROOM	E	HM	PNT	7' - 0"	5' - 0"	0' - 1 3/4"	0' - 5 7/8"	D	HM	PNT		019	

GARAGE DOOR SCHEDULE

LOCATION		DESCRIPTION			SIZE			FIRE	
NUMBER	ROOM LOCATION - TYPE	TYPE	MATERIAL	FINISH	HEIGHT	WIDTH	THICKNESS	RATING	REMARKS
FIRST FLOOR									
01	SERVICE SHOP	G-1	INS	PRE	16' - 0"	14' - 0"	0' - 2"		
02	SERVICE SHOP	G-1	INS	PRE	16' - 0"	14' - 0"	0' - 2"		
03	SERVICE SHOP	G-1	INS	PRE	16' - 0"	14' - 0"	0' - 2"		
04	SERVICE SHOP	G-1	INS	PRE	16' - 0"	14' - 0"	0' - 2"		
05	SERVICE SHOP	G-1	INS	PRE	16' - 0"	14' - 0"	0' - 2"		
06	SERVICE SHOP	G-1	INS	PRE	16' - 0"	14' - 0"	0' - 2"		
07	SERVICE SHOP	G-1	INS	PRE	16' - 0"	14' - 0"	0' - 2"		
08	PARTS	H	INS	PRE	12' - 0"	12' - 0"	0' - 2"		
09	OIL/HOSE ROOM	G-1	INS	PRE	8' - 0"	9' - 0"	0' - 2"		
10	RENTAL AND EQUIPMENT DISPLAY	G-2	INS	PRE	12' - 0"	9' - 0"	0' - 2"		
15	SERVICE SHOP	G-3	INS	PRE	8' - 8"	8' - 0"	0' - 3"		





DOOR LEGEND

LDA ARCHITECTS
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216.932.1890

REV	DATE	DESCRIPTION
	09.23.2026	Issued for Permit
1	10.26.2026	Addendum #1

GENERAL NOTES - DOOR SCHEDULE

1. ANSI 404.2.6: OPERABLE PARTS OF HARDWARE SHALL BE 34 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE THE FLOOR.

2. ANSI 404.2.7: A) DOOR CLOSERS SHALL BE ADJUSTED SO THAT FORM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO AN OPEN POSITION OF 12 DEGREES SHALL BE 5 SECOND MINIMUM. B) DOOR SPRING HINGES SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS MINIMUM.

3. ANSI 404.2.9: DOOR SURFACES WITHIN 10 INCHES OF THE FLOOR, MEASURED VERTICALLY, SHALL BE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR.

4. ANSI 404.2.10: DOOR AND SIDELITES ADJACENT TO DOORS CONTAINING ONE OR MORE GLAZING PANELS THAT PERMIT VIEWING THROUGH THE PANELS SHALL HAVE THE BOTTOM OF AT LEAST ONE PANEL ON EITHER THE DOOR OR AN ADJACENT SIDELITE 43 INCHES MAX. ABOVE THE FLOOR.

5. REFER TO ACCESSIBILITY STANDARD SHEETS (G2.01 SERIES) FOR ALL REQUIRED DOOR APPROACHES AND CLEARANCES REQUIRED.

7. DOOR ABBREVIATIONS:
AL: ALUMINUM
FRP: INSULATED FIBERGLASS
HM: HOLLOW METAL
INS: INSULATED STEEL
PNT: PAINT
PRE: PRE-FINISHED - OWNER TO SELECT
WD: S-PLY WOOD DOOR WITH VENEER
T : TEMPERED SAFETY GLAZING
STN: STAINED FINISH BY MANUF.
STL: STEEL
STS: STAINLESS STEEL CORNER TRIM

8. DOOR HARDWARE. ALL DOORS TO BE ALLEGION/SCHLEGE PRODUCT FAMILES. SEE GENERAL NOTES IN SCHEDULE.

A. ALL HARDWARE TO COMPLY WITH ACCESSIBILITY GUIDELINES.
B. ALL DOOR HARDWARE TO BE LEVER HANDLE STYLE.
C. KEYING SHALL BE PER OWNER'S REQUIREMENTS AND KEY CONTROL SYSTEM.
D. HINGES AND BUTTS SHALL BE MORTISE TYPE.
E. PROVIDE WALL OR FLOOR MOUNTED DOOR STOPS, TYPICAL AT ALL DOORS.
F. KNOCK-DOWN HOLLOW METAL FRAMES SHALL BE 18 GA. FACTORY-PRIMED. PROVIDE DOOR SILENCERS AND PLASTER GUARDS.
G. ALL SIDELIGHTS AND WINDOWS WITHIN 24" OF A DOOR JAMB SHALL BE TEMPERED GLAZING.
H. PAINT ALL HOLLOW METAL FRAMES PER SPECIFICATIONS.

9. OBC 716.5.7.4: FIRE DOOR FRAMES SHALL BE LABELED SHOWING THE NAMES OF THE MANUFACTURERS AND THE THIRD-PARTY INSPECTION AGENCY.

10. OBC 716.5: DOOR VISION PANEL SIZE TO BE MAX. 100 SQ. IN. AT ALL DOORS RATED FOR 1-HR OR GREATER.

NOT FOR CONSTRUCTION

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LDA Project No.2026.11

DOOR SCHEDULE & DETAILS

A7.00

IN ACCORDANCE WITH CHAPTER 17 OF THE REFERENCE BUILDING CODE, THE OWNER SHALL EMPLOY INSPECTION AGENCIES TO PERFORM SPECIAL INSPECTIONS DURING CONSTRUCTION INCLUDING INSPECTIONS OF SHOP-FABRICATED ITEMS WHEN APPLICABLE. ALL INSPECTION AGENCIES, INCLUDING FABRICATION FACILITIES, WHEN REQUIRED, SHALL BE QUALIFIED AND APPROVED BY THE BUILDING OFFICIAL. REFER TO OTHER DISCIPLINES FOR SPECIAL INSPECTIONS OF NON-STRUCTURAL SYSTEMS.

TABLE 1 STATEMENT OF SPECIAL INSPECTIONS FOR STRUCTURAL DISCIPLINE

REQUIRED SPECIAL INSPECTIONS AND TESTS FOR SOILS		
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	---	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	---	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	---	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	---
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	---	X

REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION		
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
1. INSPECT REINFORCEMENT AND VERIFY PLACEMENT.	---	X
2. REINFORCING BAR WELDING:		
A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706.	---	X
B. INSPECT SINGLE PASS FILLET WELDS, MAXIMUM 5/16".	---	X
C. INSPECT ALL OTHER WELDS.	X	---
3. INSPECT ANCHORS CAST IN CONCRETE.	---	X
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.		
A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	---
B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4A.	---	X
5. VERIFY USE OF REQUIRED DESIGN MIX.	---	X
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	---
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	---
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	---	X
9. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	---	X

'LEVEL 2' QUALITY ASSURANCE REQUIRED SPECIAL INSPECTIONS AND TESTS OF MASONRY CONSTRUCTION		
MINIMUM VERIFICATIONS		
1. PRIOR TO CONSTRUCTION, VERIFICATION OF COMPLIANCE OF SUBMITTALS FOR MASONRY CONSTRUCTION 2. PRIOR TO CONSTRUCTION, VERIFICATION OF f'_m AND f'_{AAC} IN ACCORDANCE WITH ARTICLE 1.4B EXCEPT WHERE SPECIFICALLY EXEMPTED BY THE CODE. 3. DURING CONSTRUCTION, VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) WHEN SELF-CONSOLIDATING CONCRETE IS DELIVERED TO THE PROJECT SITE IN ACCORDANCE WITH ARTICLE 1.5.B &.1.6.3.		
MINIMUM SPECIAL INSPECTION		
INSPECTION TASK	FREQUENCY	REF. 602 SECTION
1. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:		
A. PROPORTIONS OF SITE-PREPARED MORTAR.	PERIODIC	ART. 2.1 & 2.6 A & C
B. GRADE, TYPE AND SIZE OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS	PERIODIC	ART. 2.4 A, & D - L
C. SAMPLE PANEL CONSTRUCTION	PERIODIC	ART. 1.6D
2. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:		
A. GROUT SPACE.	PERIODIC	ART. 3.2D & 3.2F
B. PLACEMENT OF REINFORCEMENT, CONNECTORS, ANCHOR BOLTS.	PERIODIC	ART. 3.2E & 3.4
C. PROPORTIONS OF SITE-PREPARED GROUT.	PERIODIC	ART. 2.6B & 2.4M.1.b
3. VERIFY DURING CONSTRUCTION:		
A. MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS	PERIODIC	ART. 1.5
B. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION	PERIODIC	ART. 3.3B
C. SIZE AND LOCATION OF STRUCTURAL MEMBERS	PERIODIC	ART. 3.3G
D. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION	PERIODIC	TMS 402: SEC. 1.2.1(e), 6.2.1, & 6.3.1
E. TYPE, SIZE, AND LOCATION OF VENEER TIES & MOVEMENT JOINTS	PERIODIC	ART. 3.4D
F. INSTALLATION OF ADHERED VENEER	PERIODIC	ART. 3.3D
G. WELDING OF REINFORCEMENT	CONTINUOUS	TMS 402: SEC. 6.1.7.3
H. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASORNY DURING COLD WEATHER (TEMPERATURE BELOW 40°F) OR HOT WEATHER (TEMPERATURE ABOVE 90°F)	PERIODIC	ART. 1.8C & D
I. PLACEMENT OF GROUT	CONTINUOUS	ART. 3.5
4. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS.	PERIODIC	ART. 1.4B.2.a.3 B.2.b.3, B.2.c.3 B.3, & B.4

REQUIRED SPECIAL INSPECTIONS AND TESTS OF COLD-FORMED STEEL – LIGHT FRAME CONSTRUCTION		
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
1. WELDING OPERATIONS OF ELEMENTS OF THE MAIN WINDFORCE-RESISTING SYSTEM	---	X
2. SCREW ATTACHMENT, BOLTING, ANCHORING, AND OTHER FASTENING OF ELEMENTS OF THE MAIN WINDFORCE-RESISTING SYSTEM, INCLUDING SHEAR WALLS, BRACES, DIAPHRAGMS, COLLECTORS (DRAG STRUTS) AND HOLD-DOWNS.	---	X

REQUIRED SPECIAL INSPECTIONS AND TESTS OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS		
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
1. INSTALLATION OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS		
A. END CONNECTIONS – WELDED OR BOLTED.	---	X
2. BRIDGING – HORIZONTAL OR DIAGONAL		
A. STANDARD BRIDGING.	---	X
B. BRIDGING THAT DIFFERS FROM THE SJI SPECIFICATIONS FOR COMPOSITE JOISTS, K-SERIES, LH-SERIES, DLH-SERIES, OR JOIST GIRDERS.	---	X

TABLE 2 STATEMENT OF SPECIAL INSPECTIONS FOR STRUCTURAL DISCIPLINE

REQUIRED SPECIAL INSPECTIONS AND TESTS FOR STEEL DECK	
TYPE	TASK
1. INSPECTION OR EXECUTION TASKS PRIOR TO DECK PLACEMENT:	
A. VERIFY COMPLIANCE OF MATERIALS (DECK AND DECK ACCESSORIES) WITH CONSTRUCTION DOCUMENTS, INCLUDING PROFILES, MATERIAL PROPERTIES, AND BASE METAL THICKNESS.	P
B. DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES.	P
2. INSPECTION OR EXECUTION TASKS AFTER DECK PLACEMENT:	
A. VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION DOCUMENTS.	P
B. VERIFY DECK MATERIALS ARE REPRESENTED BY THE MILL CERTIFICATIONS THAT COMPLY WITH THE CONSTRUCTION DOCUMENTS.	P
C. DOCUMENT ACCEPTED OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES.	P
3. INSPECTION OR EXECUTION TASKS PRIOR TO WELDING	
A. WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE.	O
B. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE.	O
C. MATERIAL IDENTIFICATION (TYPE/GRADE).	O
D. CHECK WELDING EQUIPMENT.	O
4. INSPECTION OR EXECUTION TASKS DURING WELDING:	
A. USE OF QUALIFIED WELDERS.	O
B. CONTROL AND HANDLING OF WELDED CONSUMABLES	O
C. ENVIRONMENTAL CONDITIONS (WIND SPEED, MOISTURE, TEMPERATURE).	O
D. WPS FOLLOWED	O
5. INSPECTION OR EXECUTION TASKS AFTER WELDING:	
A. VERIFY SIZE AND LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, AND PERIMETER WELDS.	P
B. WELDS MEET VISUAL ACCEPTANCE CRITERIA.	P
C. VERIFY REPAIR ACTIVITIES.	P
D. DOCUMENT ACCEPTANCE OR REJECTION OF WELDS	P
6. INSPECTION OR EXECUTION TASKS PRIOR TO MECHANICAL FASTENING:	
A. MANUFACTURER INSTALLATION INSTRUCTIONS ARE AVAILABLE FOR MECHANICAL FASTENERS.	O
B. PROPER TOOLS AVAILABLE FOR FASTENER INSTALLATION.	O
C. PROPER STORAGE FOR MECHANICAL FASTENERS.	O
7. INSPECTION OR EXECUTION TASKS DURING MECHANICAL FASTENING:	
A. FASTENERS ARE POSITIONED AS REQUIRED.	O
B. FASTENERS ARE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.	O
8. INSPECTION OR EXECUTION TASKS AFTER MECHANICAL FASTENING:	
A. CHECK SPACING, TYPE, AND INSTALLATION OF SUPPORT FASTENERS.	P
B. CHECK SPACING, TYPE, AND INSTALLATION OF SIDELAP FASTENERS.	P
C. CHECK SPACING, TYPE, AND INSTALLATION OF PERIMETER FASTENERS.	P
D. VERIFY REPAIR ACTIVITIES.	P
E. DOCUMENT ACCEPTANCE OR REJECTION OF MECHANICAL FASTENERS.	P

1. P - "PERFORM" – SHALL MEAN TO PERFORM THESE TASKS PRIOR TO FINAL ACCEPTANCE FOR EACH ITEM OR ELEMENT.
2. O - "OBSERVE" – SHALL MEAN TO INSPECT THESE ITEMS ON AN INTERMITTENT BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS. FREQUENCY OF OBSERVATIONS SHALL BE ADEQUATE TO CONFIRM THAT THE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE DOCUMENTS. IN THE EVENT THAT OBSERVATIONS DETERMINE THAT THE MATERIALS AND/OR WORKMANSHIP ARE NOT IN CONFORMANCE WITH THE APPLICABLE DOCUMENTS, ADDITIONAL INSPECTIONS SHALL BE PERFORMED TO DETERMINE THE EXTENT OF NON-CONFORMANCE.

Commented [AH1]: Sections 6, 7, & 8 are for mechanically fastened decks. Remove as required

Commented [AH2]: Sections 6, 7, & 8 are for mechanically fastened decks. Remove as required

Commented [AH3]: Sections 6, 7, & 8 are for mechanically fastened decks. Remove as required

REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL CONSTRUCTION	
TYPE	TASK
1. INSPECTION TASKS PRIOR TO WELDING:	
A. WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS.	O
B. WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE.	P
C. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE.	P
D. MATERIAL IDENTIFICATION (TYPE/GRADE)	O
E. WELDER IDENTIFICATION SYSTEM.	O
F. FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY): • JOINT PREPARATIONS. • DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL. • CLEANLINESS (CONDITION OF STEEL SURFACES). • TACKING (TACK WELD QUALITY AND LOCATION). • BACKING TYPE AND FIT (IF APPLICABLE).	O
G. FIT-UP OF CJP GROOVE WELDS OF HSS T-, Y-, AND K-JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY): • JOINT PREPARATIONS. • DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL. • CLEANLINESS (CONDITION OF STEEL SURFACES). • TACKING (TACK WELD QUALITY AND LOCATION).	O
H. CONFIGURATION AND FINISH OF ACCESS HOLES.	O
I. FIT-UP OF FILLET WELDS:	

• DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL. • CLEANLINESS (CONDITION OF STEEL SURFACES). • TACKING (TACK WELD QUALITY AND LOCATION).	O
2. INSPECTION TASKS DURING WELDING:	
A. CONTROL AND HANDLING OF WELDING CONSUMABLES.	
• PACKAGING • EXPOSURE CONTROL	O
B. NO WELDING OVER CRACKED TACK WELDS.	O
C. ENVIRONMENTAL CONDITIONS:	
• WIND SPEED WITHIN LIMITS • PRECIPITATION AND TEMPERATURE	O
D. WPS FOLLOWED:	
• SETTINGS ON WELDING EQUIPMENT • TRAVEL SPEED • SELECTED WELDING MATERIALS • SHIELDING GAS TYPE/FLOW RATE • PREHEAT APPLIED • INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.) • PROPER POSITION (F, V, H, OH)	O
E. WELDING TECHNIQUES	
• INTERPASS AND FINAL CLEANING • EACH PASS WITHIN PROFILE LIMITATIONS • EACH PASS MEETS QUALITY REQUIREMENTS	O
F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS	P
3. INSPECTION TASKS AFTER WELDING:	
A. WELDS CLEANED.	O
B. SIZE, LENGTH, AND LOCATION OF WELDS	P
C. WELDS MEET VISUAL ACCEPTANCE CRITERIA:	
• CRACK PROHIBITION • WELD /BASE-METAL FUSION • CRATER CROSS SECTION • WELD PROFILES • WELD SIZE • UNDERCUT • POROSITY	P
D. ARC STRIKES.	P
E. K-AREA	P
F. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES.	P
G. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED).	P
H. REPAIR ACTIVITIES.	P
I. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER.	P
J. NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR.	O
4. INSPECTION TASKS PRIOR TO BOLTING FOR PRETENSIONED OR SLIP CRITICAL BOLTED JOINTS:	
A. MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS.	P
B. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS.	O
C. CORRECT FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE).	O
D. CORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL.	O
E. CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS.	O
F. PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED.	O
G. PROTECTED STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER COMPONENTS.	O
5. INSPECTION TASKS DURING BOLTING FOR PRETENSIONED OR SLIP CRITICAL BOLTED JOINTS:	
A. FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE POSITIONED AS REQUIRED.	O
B. JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION.	O
C. FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING.	O
D. FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES.	O
6. INSPECTION TASKS AFTER BOLTING:	
A. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.	P
7. ANCHOR ROD PLACEMENT	
A. INSPECTION DURING PLACEMENT OF ANCHOR RODS AND OTHER EMBEDMENTS SUPPORTING STRUCTURAL STEEL FOR COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS (ANCHOR DIAMETER, GRADE, TYPE, AND LENGTH OF THE ANCHOR ROD OR EMBEDED ITEM AND THE EXTENT OR DEPTH OF EMBEDMENT INTO THE CONCRETE) PRIOR TO PLACEMENT OF CONCRETE.	O
8. INSPECTION OF THE FABRICATED STEEL OR ERECTED STEEL FRAME IN COMPLIANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION DOCUMENTS.	P

1. P - "PERFORM" – THESE TASKS SHALL BE PERFORMED FOR EACH WELDED/BOLTED JOINT OR MEMBER
2. O - "OBSERVE" – THE INSPECTOR SHALL OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE.

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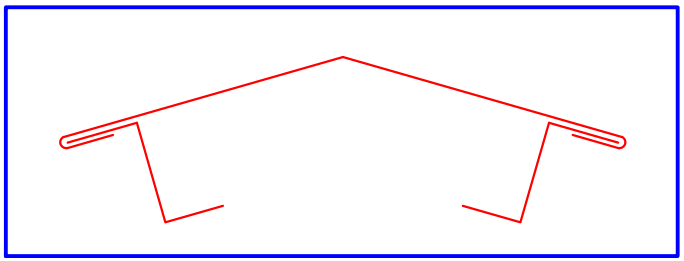
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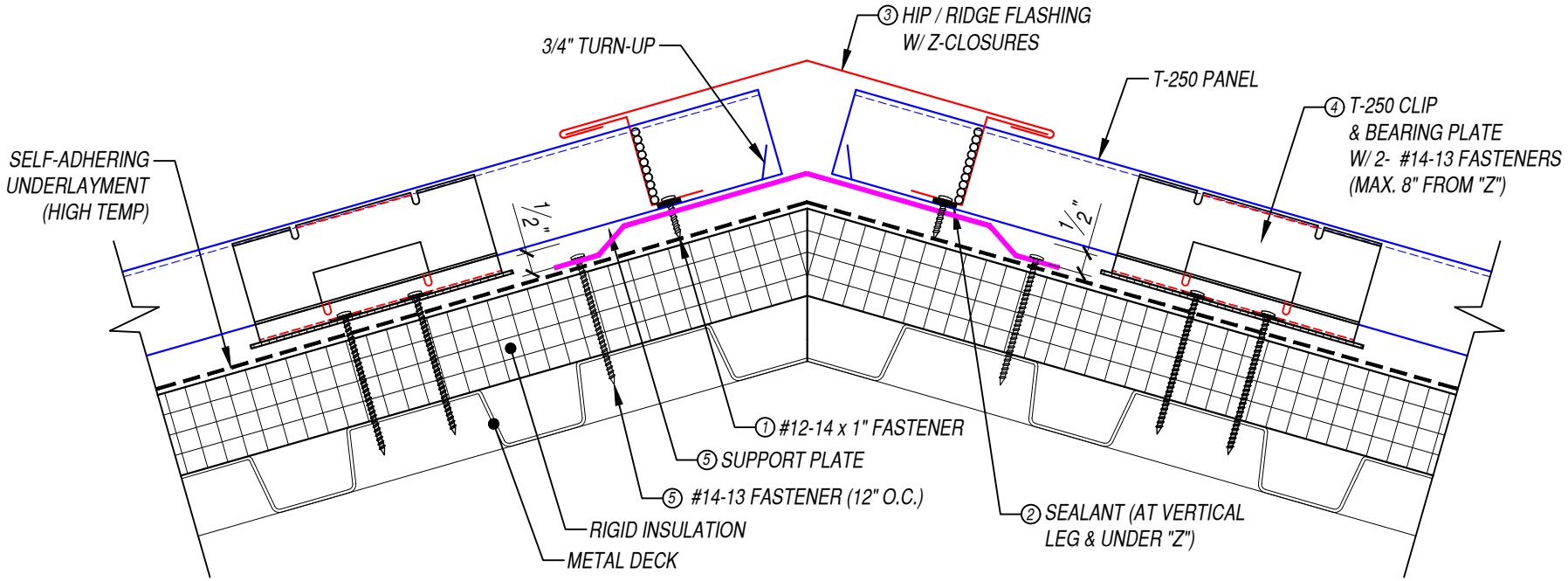
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HIP / RIDGE DETAIL



FLASHING COMPONENTS



KEYNOTES:

- TRIM AND SUPPORT PLATE FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.
- CLIPS, FASTENERS, AND SUPPORT PLATE MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.
- SUPPORT PLATE AND CLIP FASTENERS MUST BE OF SUFFICIENT LENGTH TO PENETRATE HIGH FLUTE OF METAL DECK BY 5/8" MINIMUM THREAD LENGTH. CLIP MUST BE CENTERED ON HIGH FLUTE.

① "Z" COMPONENT
- MINIMUM HEIGHT: 1/8" CLEARANCE OF PANEL RIB
- FASTENED AS FOLLOWS: 16" PANELS (4 FASTENERS PER PANEL MINIMUM); 18" PANELS (6 FASTENERS PER PANEL MINIMUM)
- FASTENING LEG: 1 1/4" MINIMUM TOP LEG: 1 1/2" MINIMUM
- "Z" MUST BE CUT TO TIGHT FIT OF PANEL DIMENSION: ***1/8" MAXIMUM GAP***

② SEALANT
- TUBE OR TAPE SEALANT IS ACCEPTABLE BELOW THE "Z"
- TUBE SEALANT PLACED AT BACKSIDE OF VERTICAL LEGS
- 1" TAPE WIDTH OR 1/2" BEAD WIDTH PRIOR TO COMPRESSION

③ COVER: HEMMED 1" AND FULLY ENGAGED TO "Z" CLOSURE.

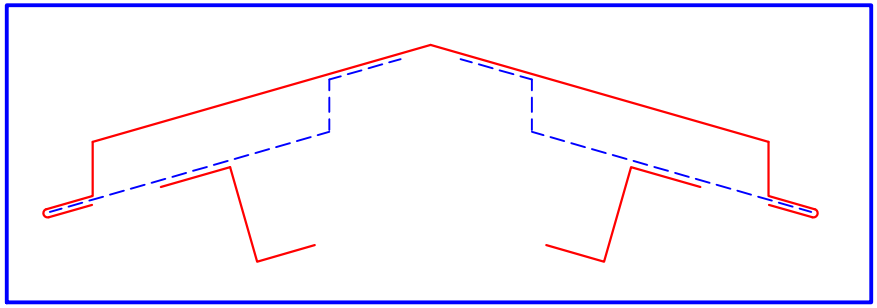
④ FIRST PANEL CLIP TO BE LOCATED A ***MAXIMUM OF 8" FROM "Z" COMPONENT.***

⑤ SUPPORT PLATE: 20 GA. MINIMUM

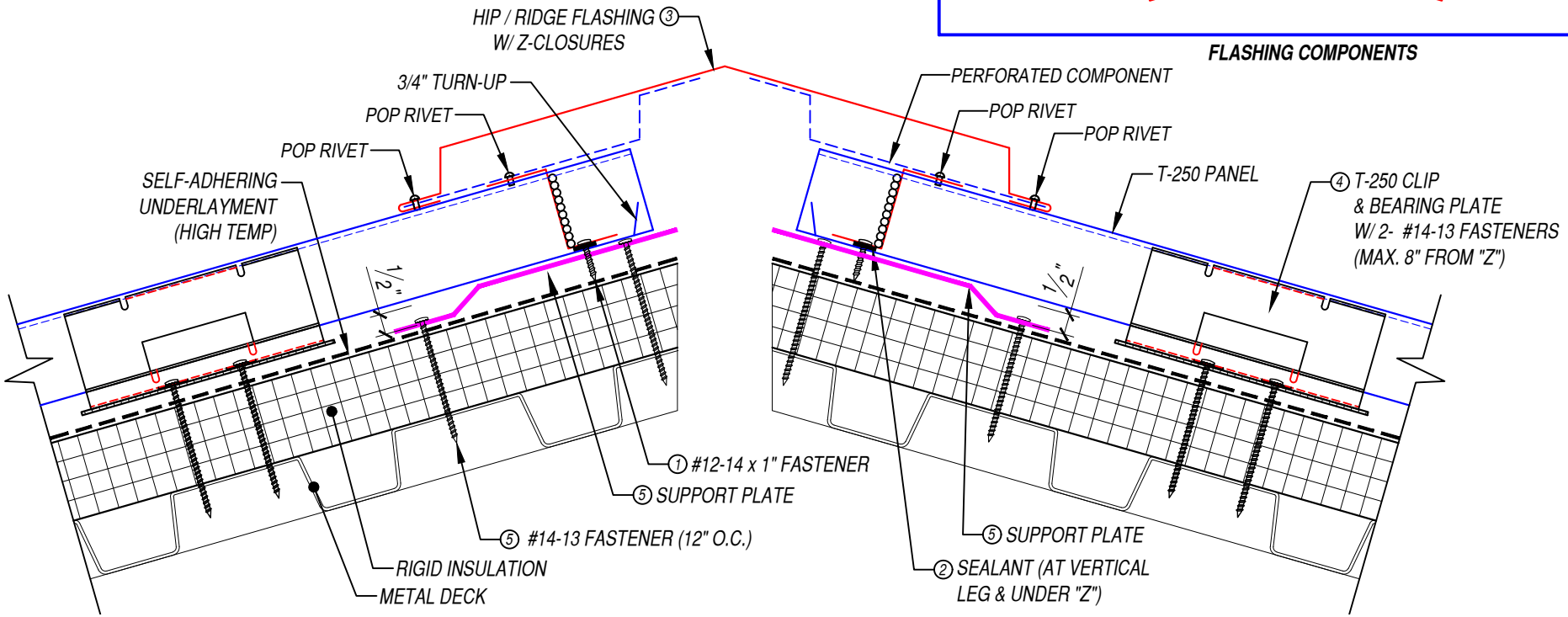
PAC-CLAD PETERSEN
A PARTICLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

VENTED RIDGE DETAIL



FLASHING COMPONENTS



KEYNOTES:

- TRIM AND SUPPORT PLATE FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.
- CLIPS, FASTENERS, AND SUPPORT PLATE MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.
- SUPPORT PLATE AND CLIP FASTENERS MUST BE OF SUFFICIENT LENGTH TO PENETRATE HIGH FLUTE OF METAL DECK BY 5/8" MINIMUM THREAD LENGTH. CLIP MUST BE CENTERED ON HIGH FLUTE.

① "Z" COMPONENT
- MINIMUM HEIGHT: 1/8" CLEARANCE OF PANEL RIB
- FASTENED AS FOLLOWS: 16" PANELS (4 FASTENERS PER PANEL MINIMUM); 18" PANELS (6 FASTENERS PER PANEL MINIMUM)
- FASTENING LEG: 1 1/4" MINIMUM TOP LEG: 1 1/2" MINIMUM
- "Z" MUST BE CUT TO TIGHT FIT OF PANEL DIMENSION: ***1/8" MAXIMUM GAP***

② SEALANT
- TUBE OR TAPE SEALANT IS ACCEPTABLE BELOW THE "Z"
- TUBE SEALANT PLACED AT BACKSIDE OF VERTICAL LEGS
- 1" TAPE WIDTH OR 1/2" BEAD WIDTH PRIOR TO COMPRESSION

③ COVER: HEMMED 1" AND FULLY ENGAGED TO "Z" CLOSURE.

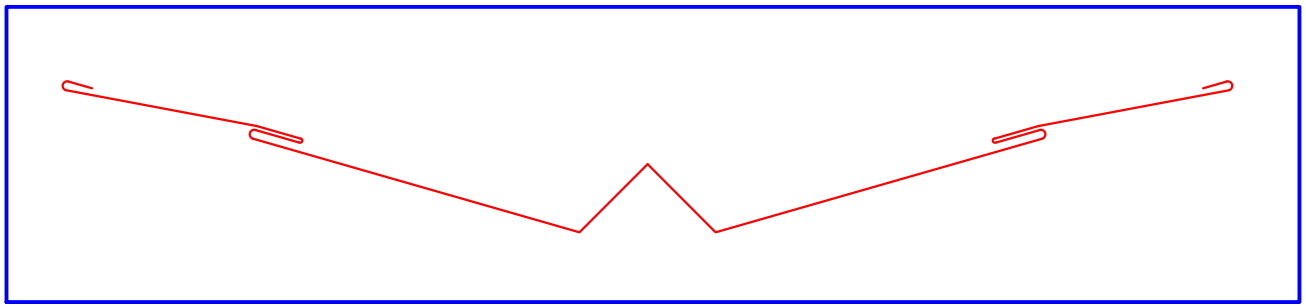
④ FIRST PANEL CLIP TO BE LOCATED A ***MAXIMUM OF 8" FROM "Z" COMPONENT.***

⑤ SUPPORT PLATE: 20 GA. MINIMUM

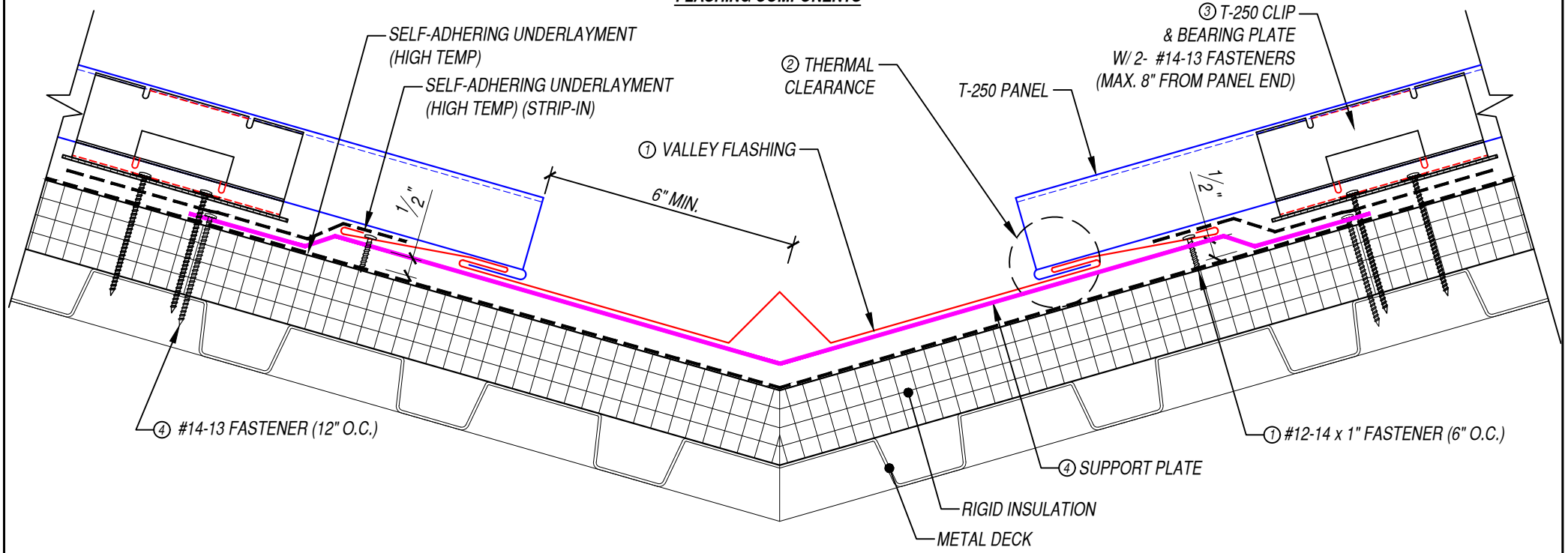
PAC-CLAD PETERSEN A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

VALLEY DETAIL (One Piece)



FLASHING COMPONENTS



KEYNOTES:

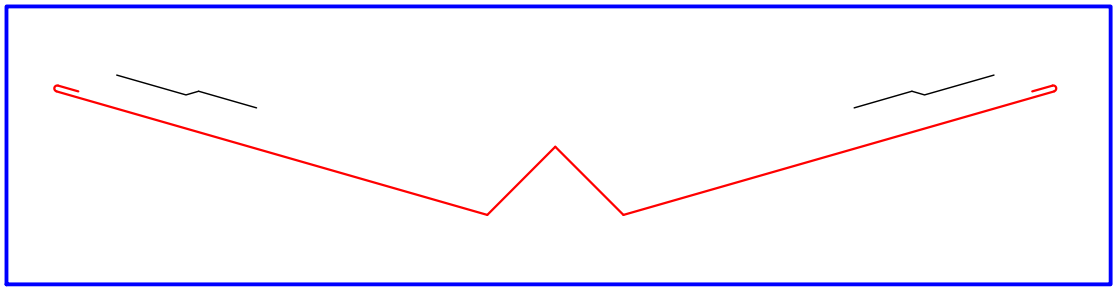
- TRIM AND SUPPORT PLATE FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.
- CLIPS, FASTENERS, AND SUPPORT PLATE MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.
- SUPPORT PLATE AND CLIP FASTENERS MUST BE OF SUFFICIENT LENGTH TO PENETRATE HIGH FLUTE OF METAL DECK BY 5/8" MINIMUM THREAD LENGTH. CLIP MUST BE CENTERED ON HIGH FLUTE.

① VALLEY FLASHING FASTENED AT MAXIMUM 6" ON-CENTER SPACING.
② PANEL HEM THERMAL GAP CLEARANCE: MINIMUM 1 1/2" HEM WITH 1/2" CLEARANCE (CONSULT FACTORY).
③ FIRST PANEL CLIP TO BE LOCATED A ***MAXIMUM OF 8" FROM PANEL END.***
④ SUPPORT PLATE: 20 GA. MINIMUM

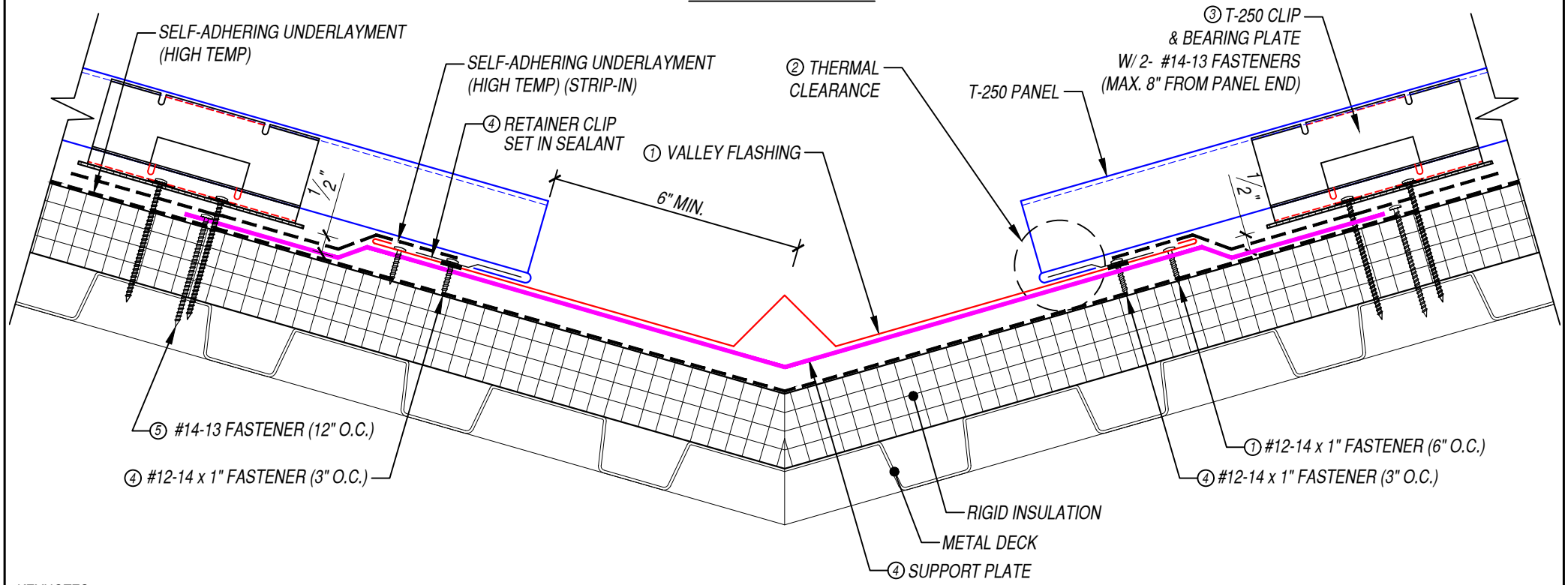
PAC-CLAD PETERSEN
A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

VALLEY DETAIL (Clip)



FLASHING COMPONENTS



KEYNOTES:

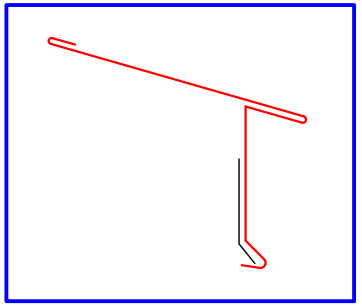
- TRIM AND SUPPORT PLATE FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.
- CLIPS, FASTENERS, AND SUPPORT PLATE MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.
- SUPPORT PLATE AND CLIP FASTENERS MUST BE OF SUFFICIENT LENGTH TO PENETRATE HIGH FLUTE OF METAL DECK BY 5/8" MINIMUM THREAD LENGTH. CLIP MUST BE CENTERED ON HIGH FLUTE.

① VALLEY FLASHING FASTENED AT MAXIMUM 12" ON-CENTER SPACING.
② PANEL HEM THERMAL GAP CLEARANCE: MINIMUM 1 1/2" HEM WITH 1/2" CLEARANCE (CONSULT FACTORY).
③ FIRST PANEL CLIP TO BE LOCATED A ***MAXIMUM OF 8" FROM PANEL END.***
④ RETAINER CLIP: FASTENED TO SUPPORT PLATE AT 3" O.C. STAGGERED PATTERN.
⑤ SUPPORT PLATE: 20 GA. MINIMUM

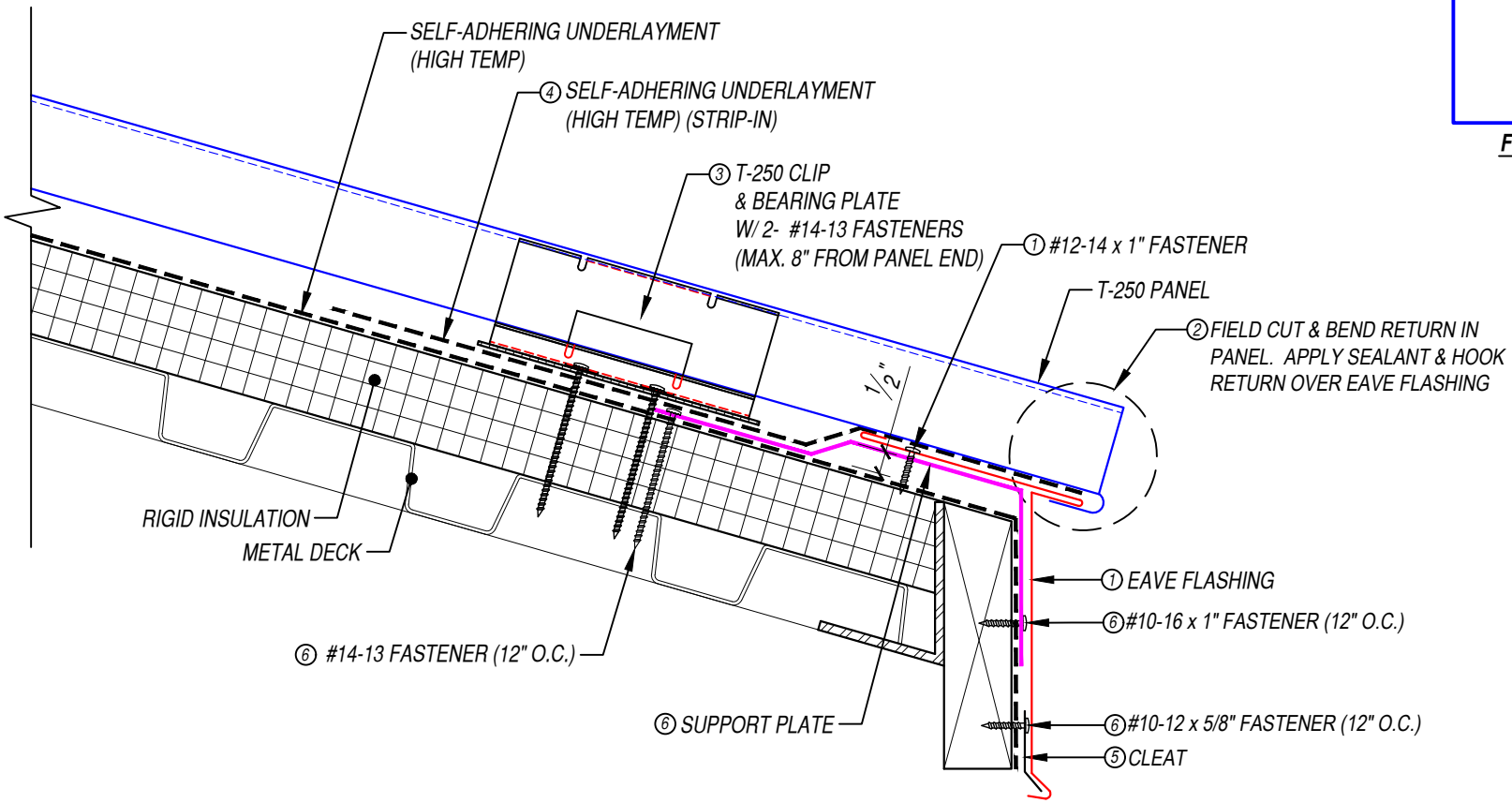
PAC-CLAD PETERSEN
A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

EAVE DETAIL



FLASHING COMPONENTS



KEYNOTES:

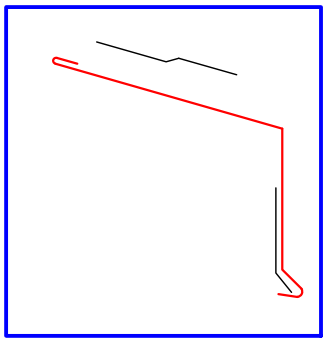
- TRIM AND SUPPORT PLATE FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.
- CLIPS, FASTENERS, AND SUPPORT PLATE MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.
- SUPPORT PLATE AND CLIP FASTENERS MUST BE OF SUFFICIENT LENGTH TO PENETRATE HIGH FLUTE OF METAL DECK BY 5/8" MINIMUM THREAD LENGTH. CLIP MUST BE CENTERED ON HIGH FLUTE.

① EAVE FLASHING HEM EDGE: 1 1/2" MINIMUM.
② PANEL HEM AND THERMAL GAP CLEARANCE: MINIMUM 1 1/2" HEM WITH 1/2" CLEARANCE. (CONSULT FACTORY).
③ FIRST PANEL CLIP TO BE LOCATED A ***MAXIMUM OF 8" FROM EAVE.***
④ ROOF SIDE FLANGE SHOULD BE STRIPPED IN WITH APPROVED UNDERLAYMENT.
⑤ CLEAT: 24 GA. MINIMUM.
⑥ SUPPORT PLATE: 20 GA. MINIMUM

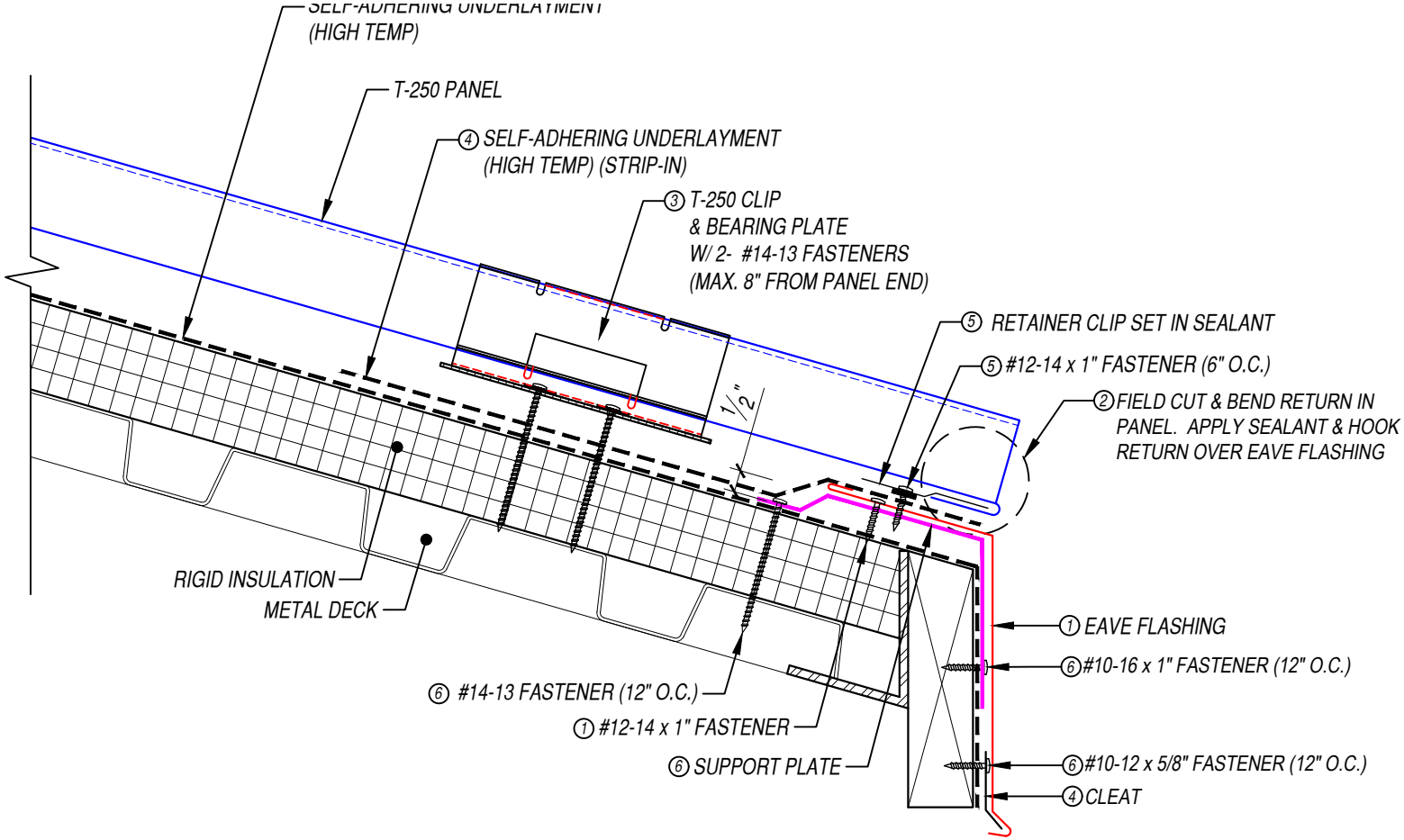
PAC-CLAD PETERSEN
A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

EAVE DETAIL



FLASHING COMPONENTS



KEYNOTES:

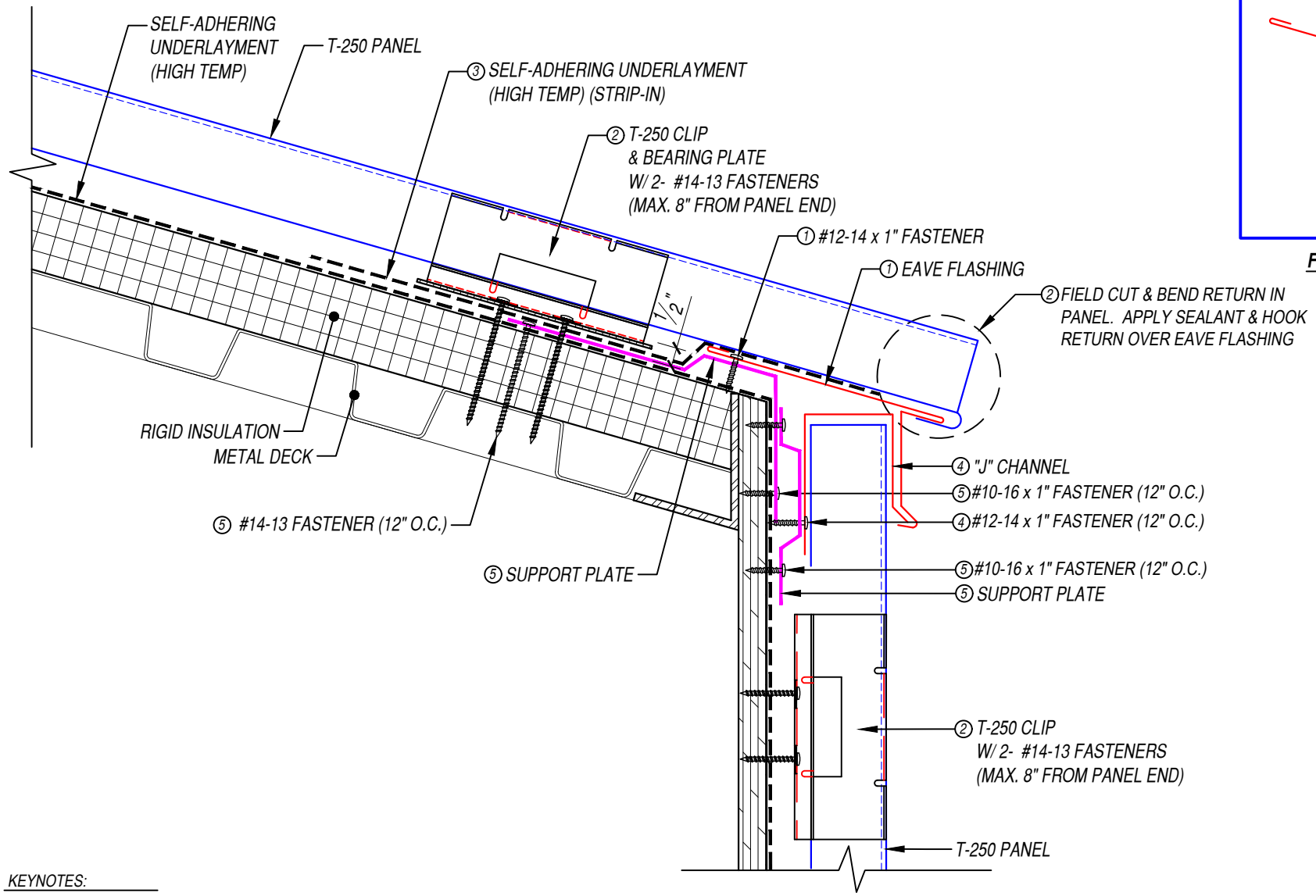
- TRIM AND SUPPORT PLATE FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.
- CLIPS, FASTENERS, AND SUPPORT PLATE MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.
- SUPPORT PLATE AND CLIP FASTENERS MUST BE OF SUFFICIENT LENGTH TO PENETRATE HIGH FLUTE OF METAL DECK BY 5/8" MINIMUM THREAD LENGTH. CLIP MUST BE CENTERED ON HIGH FLUTE.

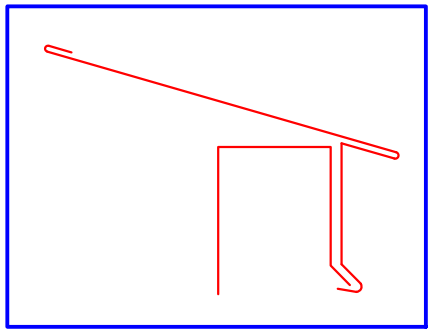
① EAVE FLASHING FASTENED AT 12" ON-CENTER MAXIMUM.
② FIRST PANEL CLIP TO BE LOCATED A **MAXIMUM OF 8" FROM EAVE.**
③ ROOF SIDE FLANGE SHOULD BE STRIPPED IN WITH APPROVED UNDERLAYMENT.
④ CLEAT: 24 GA. MINIMUM.
⑤ RETAINER CLIP: FASTENED TO SUPPORT PLATE AT 6" O.C. STAGGERED PATTERN.
⑥ SUPPORT PLATE: 20 GA. MINIMUM

PAC-CLAD PETERSEN
A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

EAVE w/ FASCIA DETAIL





FLASHING COMPONENTS

KEYNOTES:

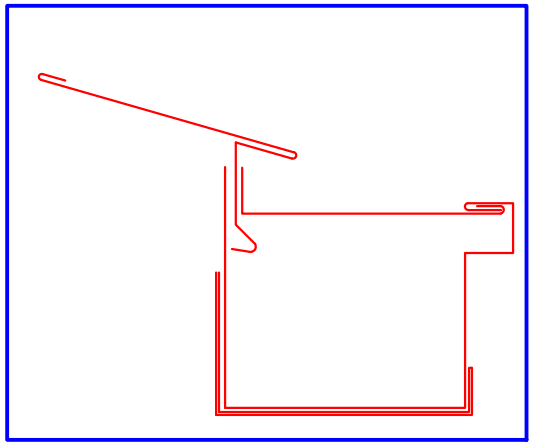
- *TRIM AND SUPPORT PLATE FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.*
- *CLIPS, FASTENERS, AND SUPPORT PLATE MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.*
- *SUPPORT PLATE AND CLIP FASTENERS MUST BE OF SUFFICIENT LENGTH TO PENETRATE HIGH FLUTE OF METAL DECK BY 5/8" MINIMUM THREAD LENGTH. CLIP MUST BE CENTERED ON HIGH FLUTE.*

① *EAVE FLASHING HEM EDGE: 1 1/2" MINIMUM.*
② *FIRST PANEL CLIP TO BE LOCATED A* ***MAXIMUM OF 8" FROM PANEL END.***
③ *ROOF SIDE FLANGE SHOULD BE STRIPPED IN WITH APPROVED UNDERLAYMENT.*
④ *"J" CHANNEL: ATTACHED AT MAXIMUM 12" ON-CENTER.*
⑤ *SUPPORT PLATE: 20 GA. MINIMUM*

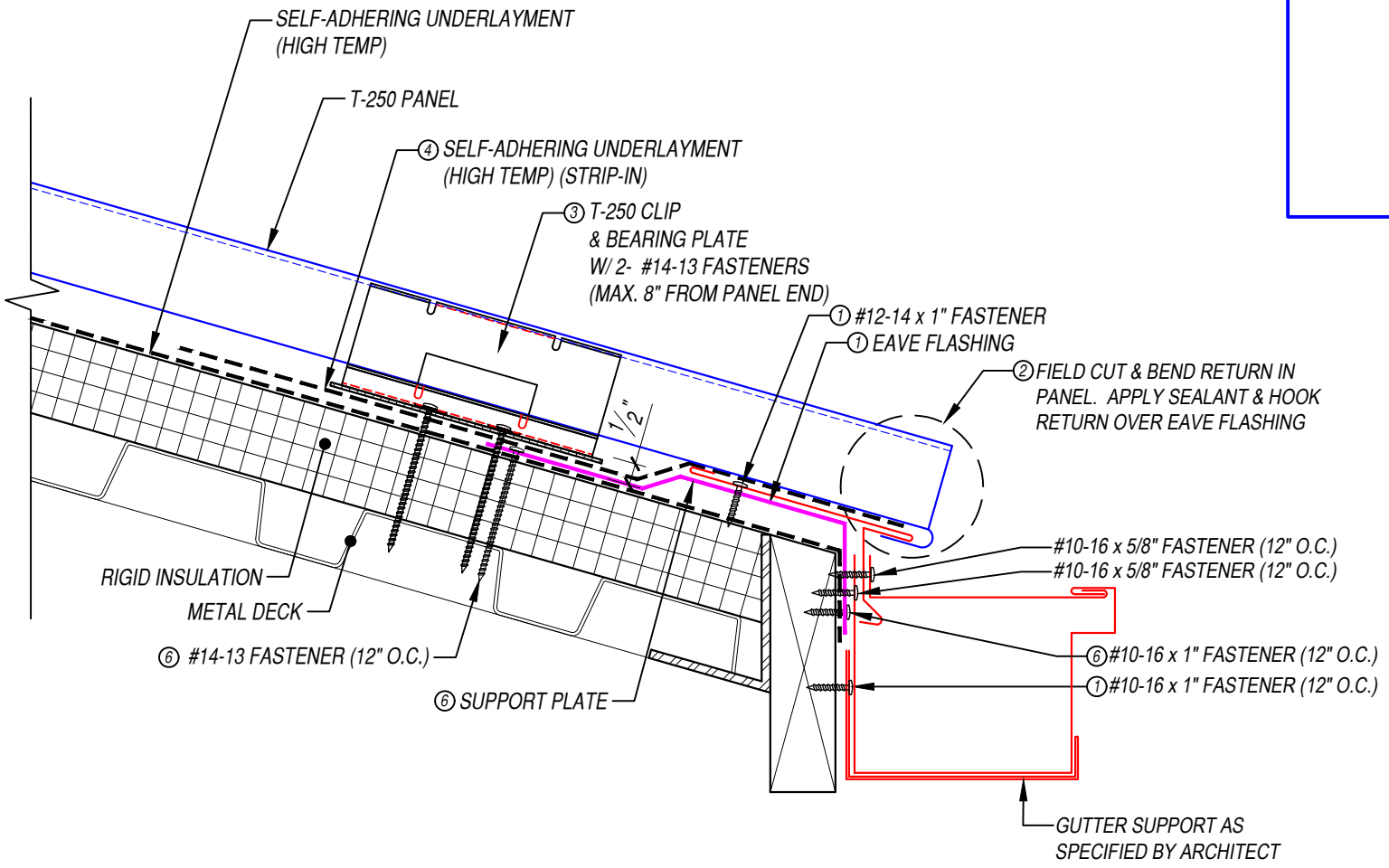
PAC-CLAD PETERSEN
A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

EAVE DETAIL W/ GUTTER



FLASHING COMPONENTS



KEYNOTES:

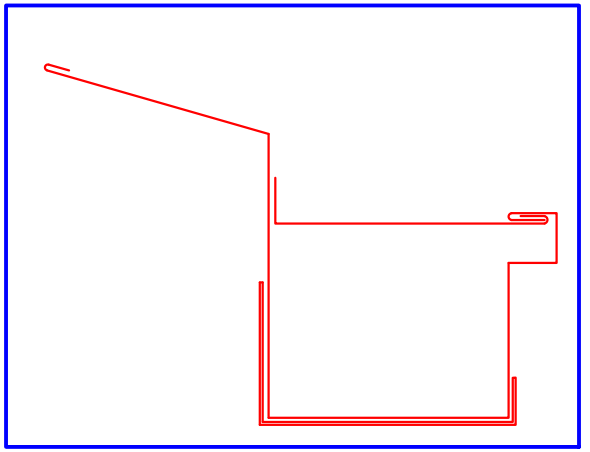
- TRIM AND SUPPORT PLATE FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.
- CLIPS, FASTENERS, AND SUPPORT PLATE MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.
- SUPPORT PLATE AND CLIP FASTENERS MUST BE OF SUFFICIENT LENGTH TO PENETRATE HIGH FLUTE OF METAL DECK BY 5/8" MINIMUM THREAD LENGTH. CLIP MUST BE CENTERED ON HIGH FLUTE.

① EAVE FLASHING HEM EDGE: 1 1/2" MINIMUM.
② PANEL HEM AND THERMAL GAP CLEARANCE: MINIMUM 1 1/2" HEM WITH 1/2" CLEARANCE. (CONSULT FACTORY).
③ FIRST PANEL CLIP TO BE LOCATED A ***MAXIMUM OF 8" FROM EAVE***.
④ ROOF SIDE FLANGE SHOULD BE STRIPPED IN WITH APPROVED UNDERLAYMENT.
⑤ CLEAT: 24 GA. MINIMUM.
⑥ SUPPORT PLATE: 20 GA. MINIMUM

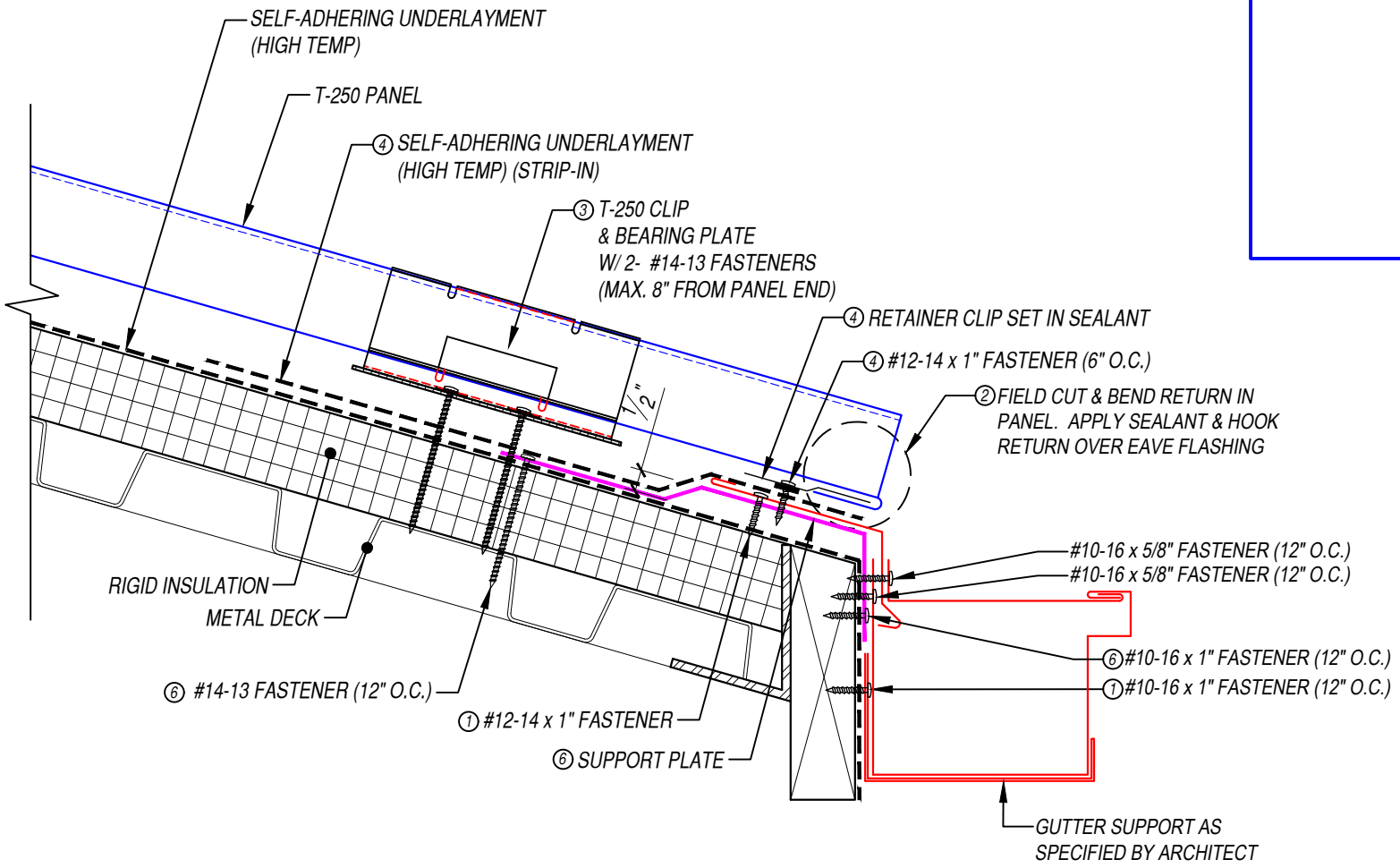
PAC-CLAD PETERSEN
A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

EAVE DETAIL W/ GUTTER



FLASHING COMPONENTS



KEYNOTES:

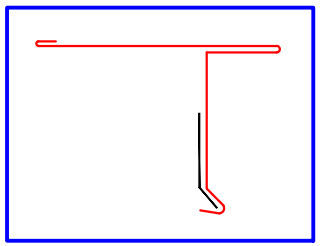
- TRIM AND SUPPORT PLATE FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.
- CLIPS, FASTENERS, AND SUPPORT PLATE MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.
- SUPPORT PLATE AND CLIP FASTENERS MUST BE OF SUFFICIENT LENGTH TO PENETRATE HIGH FLUTE OF METAL DECK BY 5/8" MINIMUM THREAD LENGTH. CLIP MUST BE CENTERED ON HIGH FLUTE.

① GUTTER FLANGE FASTENED AT MAXIMUM 12" ON-CENTER, STAGGERED PATTERN.
② FIRST PANEL CLIP TO BE LOCATED A ***MAXIMUM OF 8" FROM EAVE.***
③ ROOF SIDE FLANGE SHOULD BE STRIPPED IN WITH APPROVED UNDERLAYMENT.
④ RETAINER CLIP: FASTENED TO SUPPORT PLATE AT 6" O.C., STAGGERED PATTERN.
⑤ SUPPORT PLATE: 20 GA. MINIMUM

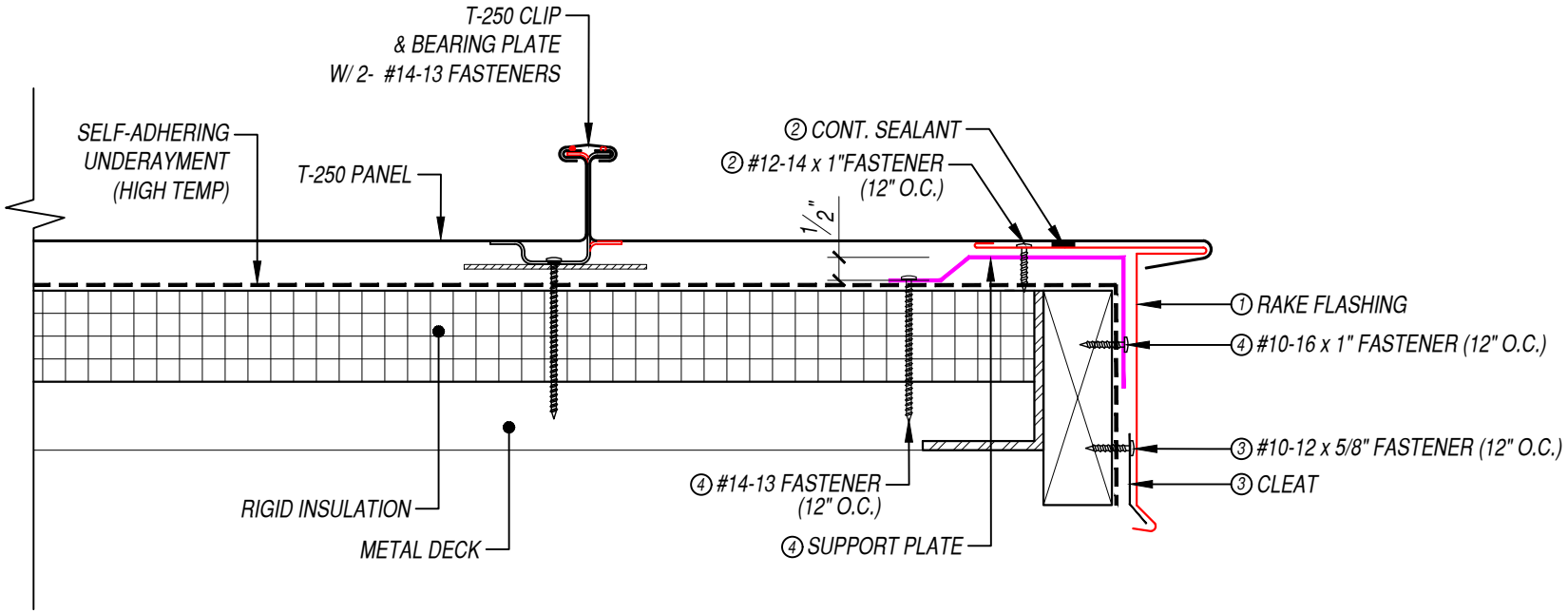
PAC-CLAD PETERSEN
A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

RAKE DETAIL



FLASHING COMPONENTS



KEYNOTES:

- TRIM AND SUPPORT PLATE FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.
- CLIPS, FASTENERS, AND SUPPORT PLATE MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.
- SUPPORT PLATE AND CLIP FASTENERS MUST BE OF SUFFICIENT LENGTH TO PENETRATE HIGH FLUTE OF METAL DECK BY 5/8" MINIMUM THREAD LENGTH. CLIP MUST BE CENTERED ON HIGH FLUTE.

① RAKE FLASHING:
- HEMMED DIMENSION: 1 1/2" MINIMUM; 2" MAXIMUM
- DECK SIDE LEG SHOULD BE A MINIMUM OF 5" LONG WITH FASTENER LOCATED 2" MAXIMUM FROM EDGE.
- PANEL HEM SHOULD BE CLOSED SECURELY TO HEM LEG OF RAKE FLASHING

② SEALANT CAN BE TUBE OR TAPE SEALANT AND MUST BE CONTINUOUS.

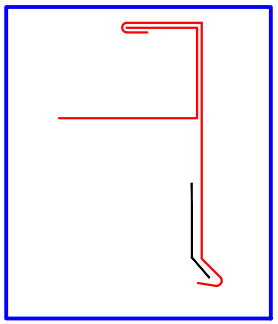
③ CLEAT: 24 GA. MINIMUM.

④ SUPPORT PLATE: 20 GA. MINIMUM

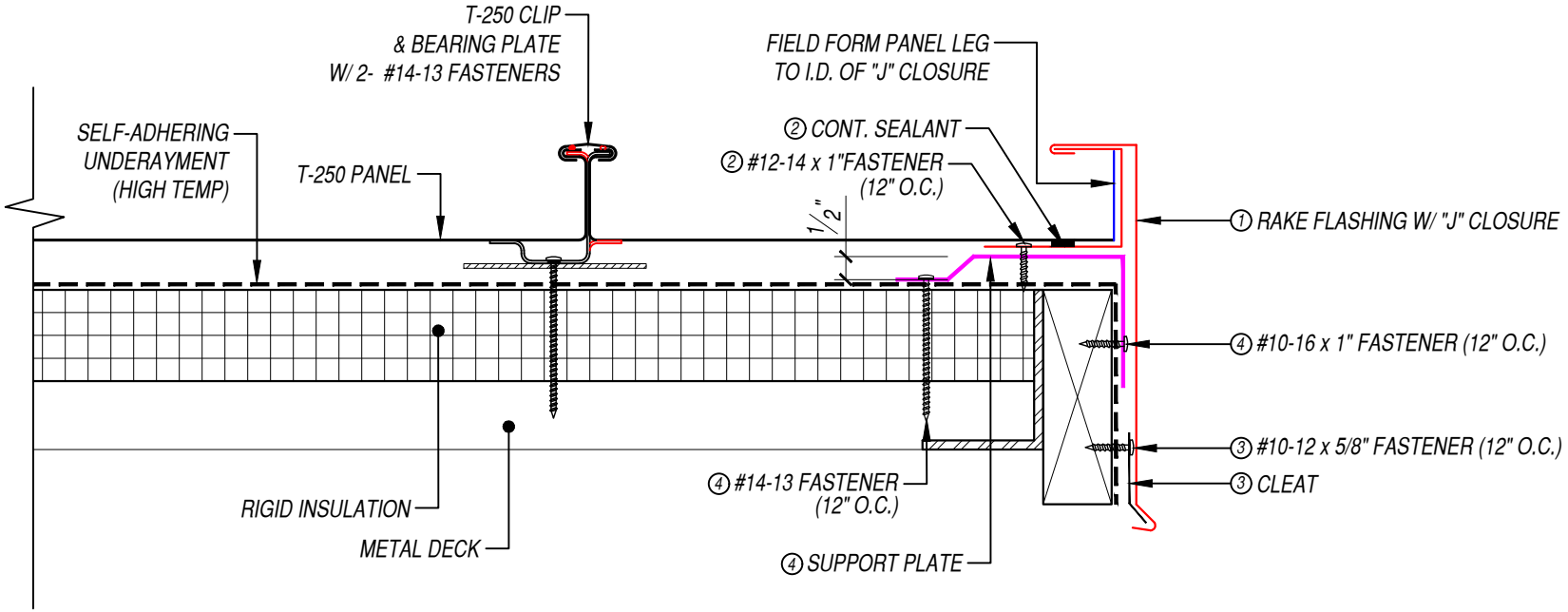
PAC-CLAD PETERSEN
A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

RAKE DETAIL W/ "J" CLOSURE



FLASHING COMPONENTS



KEYNOTES:

- TRIM AND SUPPORT PLATE FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.
- CLIPS, FASTENERS, AND SUPPORT PLATE MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.
- SUPPORT PLATE AND CLIP FASTENERS MUST BE OF SUFFICIENT LENGTH TO PENETRATE HIGH FLUTE OF METAL DECK BY 5/8" MINIMUM THREAD LENGTH. CLIP MUST BE CENTERED ON HIGH FLUTE.

① RAKE FLASHING:

- PANEL LEG MUST BE FORMED TO WITHIN 1/8" OF J-CHANNEL WEB.
- DECK SIDE LEG SHOULD BE A MINIMUM OF 3" LONG WITH FASTENER LOCATED 2" MAXIMUM FROM EDGE.
- J-CHANNEL FORMED TO HEIGHT OF PANEL RIB.

② SEALANT CAN BE TUBE OR TAPE SEALANT AND MUST BE CONTINUOUS.

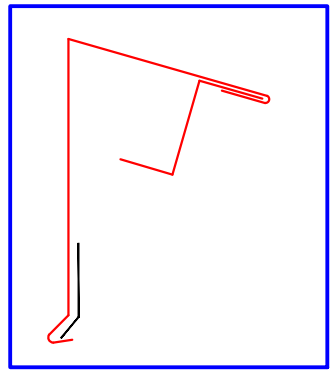
③ CLEAT: 24 GA. MINIMUM.

④ SUPPORT PLATE: 20 GA. MINIMUM

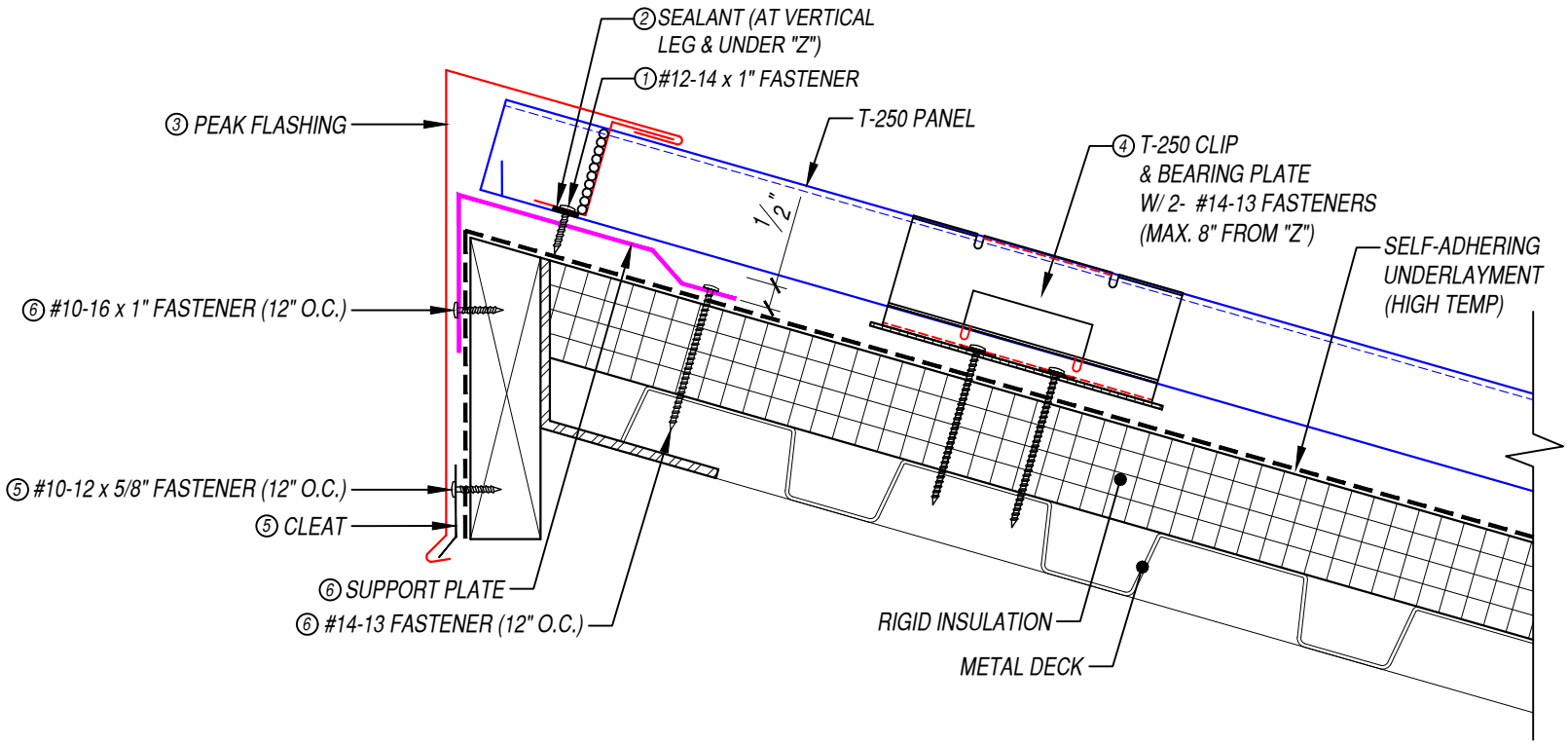
PAC-CLAD PETERSEN A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

PEAK DETAIL



FLASHING COMPONENTS



KEYNOTES:

- TRIM AND SUPPORT PLATE FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.
- CLIPS, FASTENERS, AND SUPPORT PLATE MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.

SUPPORT PLATE AND CLIP FASTENERS MUST BE OF SUFFICIENT LENGTH TO PENETRATE HIGH FLUTE OF METAL DECK BY 5/8" MINIMUM THREAD LENGTH. CLIP MUST BE CENTERED ON HIGH FLUTE.

① "Z" COMPONENT
- MINIMUM HEIGHT: 1/8" CLEARANCE OF PANEL RIB
- FASTENED AS FOLLOWS: 16" PANELS (4 FASTENERS PER PANEL MINIMUM); 18" PANELS (6 FASTENERS PER PANEL MINIMUM)
- FASTENING LEG: 1 1/4" MINIMUM TOP LEG: 1 1/2" MINIMUM
- "Z" MUST BE CUT TO TIGHT FIT OF PANEL DIMENSION: ***1/8" MAXIMUM GAP***

② SEALANT
- TUBE OR TAPE SEALANT IS ACCEPTABLE BELOW THE "Z"
- TUBE SEALANT PLACED AT BACKSIDE OF VERTICAL LEGS
- 1" TAPE WIDTH OR 1/2" BEAD WIDTH PRIOR TO COMPRESSION

③ PEAK FLASHING: HEMMED 1" AND FULLY ENGAGED TO "Z" CLOSURE.

④ FIRST PANEL CLIP TO BE LOCATED A ***MAXIMUM OF 8" FROM "Z" COMPONENT.***

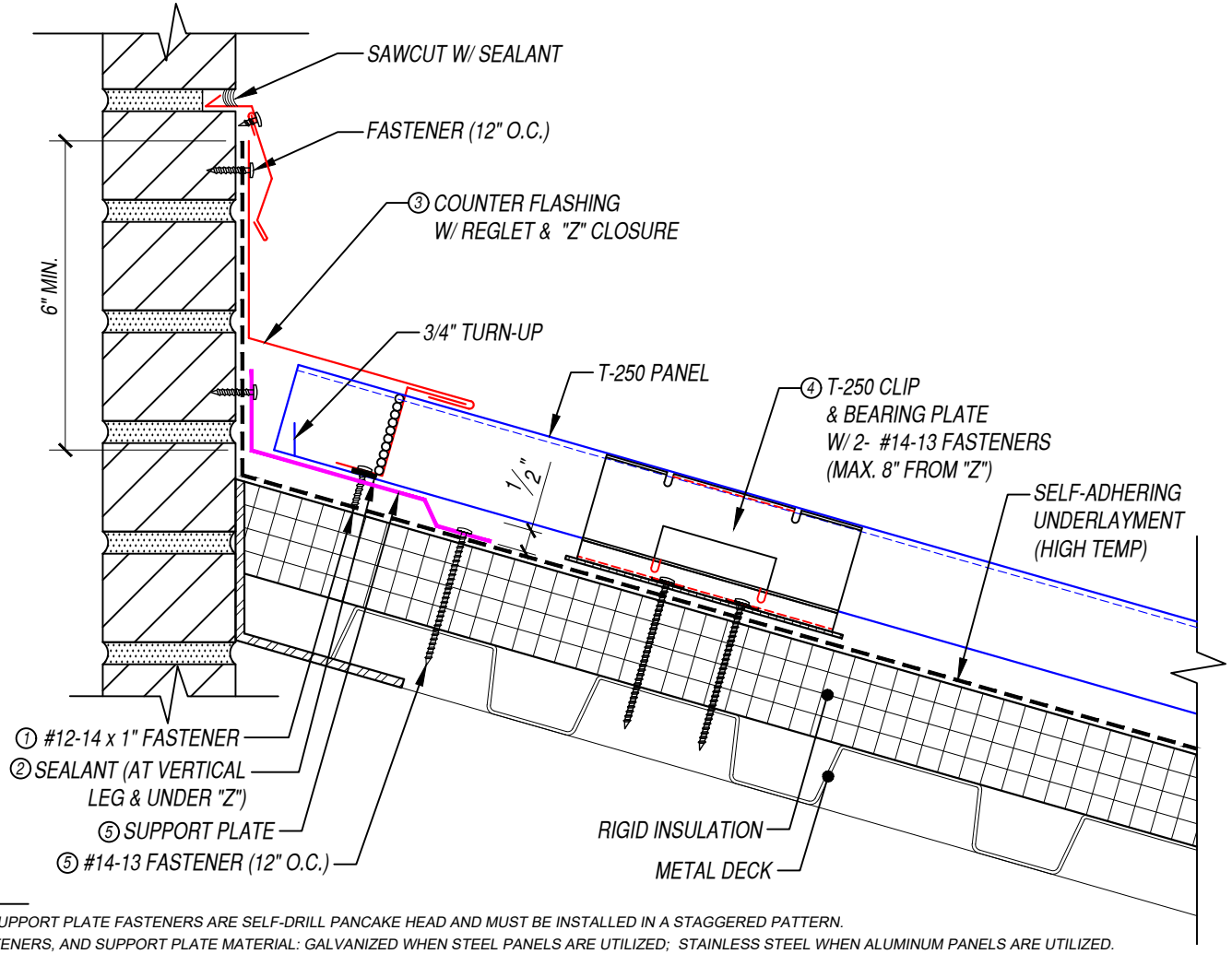
⑤ CLEAT: 24 GA. MINIMUM.

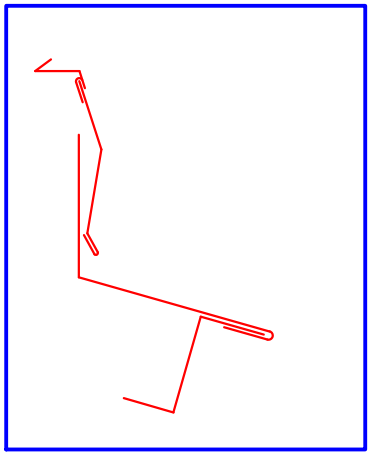
⑥ SUPPORT PLATE: 20 GA. MINIMUM

PAC-CLAD PETERSEN
A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

HEADWALL DETAIL





FLASHING COMPONENTS

KEYNOTES:

- TRIM AND SUPPORT PLATE FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.
- CLIPS, FASTENERS, AND SUPPORT PLATE MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.
- SUPPORT PLATE AND CLIP FASTENERS MUST BE OF SUFFICIENT LENGTH TO PENETRATE HIGH FLUTE OF METAL DECK BY 5/8" MINIMUM THREAD LENGTH. CLIP MUST BE CENTERED ON HIGH FLUTE.

① "Z" COMPONENT
- MINIMUM HEIGHT: 1/8" CLEARANCE OF PANEL RIB
- FASTENED AS FOLLOWS: 16" PANELS (4 FASTENERS PER PANEL MINIMUM); 18" PANELS (6 FASTENERS PER PANEL MINIMUM)
- FASTENING LEG: 1 1/4" MINIMUM TOP LEG: 1 1/2" MINIMUM
- "Z" MUST BE CUT TO TIGHT FIT OF PANEL DIMENSION: ***1/8" MAXIMUM GAP***

② SEALANT
- TUBE OR TAPE SEALANT IS ACCEPTABLE BELOW THE "Z"
- TUBE SEALANT PLACED AT BACKSIDE OF VERTICAL LEGS
- 1" TAPE WIDTH OR 1/2" BEAD WIDTH PRIOR TO COMPRESSION

③ COUNTER FLASHING: HEMMED 1" AND FULLY ENGAGED TO "Z" CLOSURE.

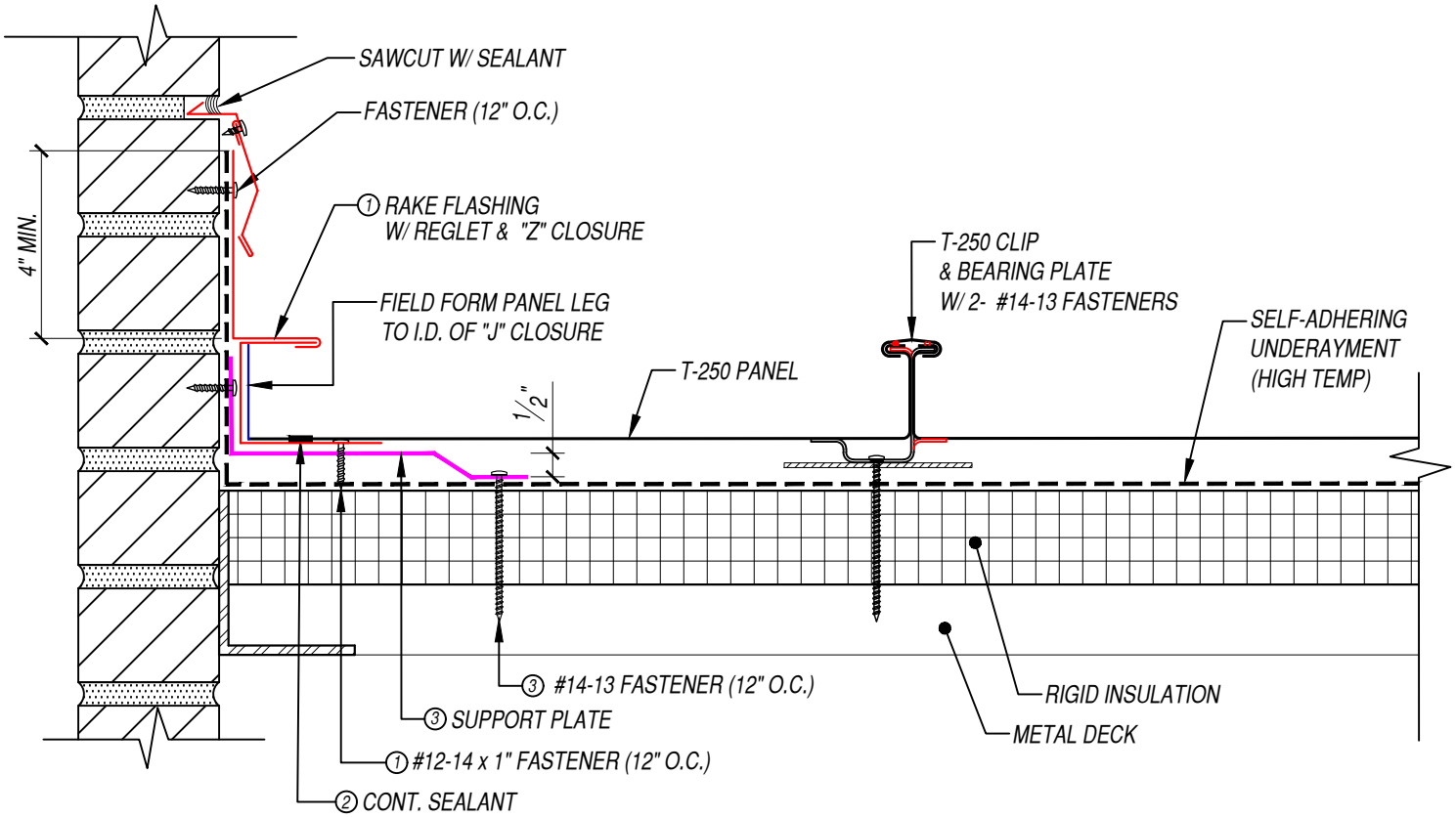
④ FIRST PANEL CLIP TO BE LOCATED A ***MAXIMUM OF 8" FROM "Z" COMPONENT.***

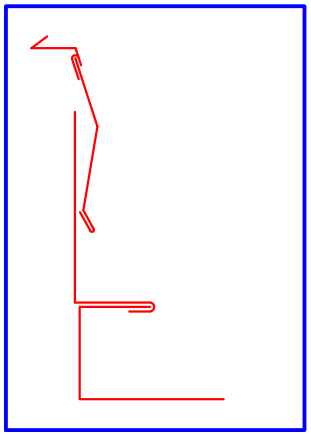
⑤ SUPPORT PLATE: 20 GA. MINIMUM

PAC-CLAD PETERSEN
A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

RAKE WALL DETAIL





FLASHING COMPONENTS

KEYNOTES:

- TRIM AND SUPPORT PLATE FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.
- CLIPS, FASTENERS, AND SUPPORT PLATE MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.
- SUPPORT PLATE AND CLIP FASTENERS MUST BE OF SUFFICIENT LENGTH TO PENETRATE HIGH FLUTE OF METAL DECK BY 5/8" MINIMUM THREAD LENGTH. CLIP MUST BE CENTERED ON HIGH FLUTE.

① RAKE FLASHING:

- PANEL LEG MUST BE FORMED TO WITHIN 1/8" OF J-CHANNEL WEB.
- DECK SIDE LEG SHOULD BE A MINIMUM OF 3" LONG WITH FASTENER LOCATED 2" MAXIMUM FROM EDGE.
- J-CHANNEL FORMED TO HEIGHT OF PANEL RIB.

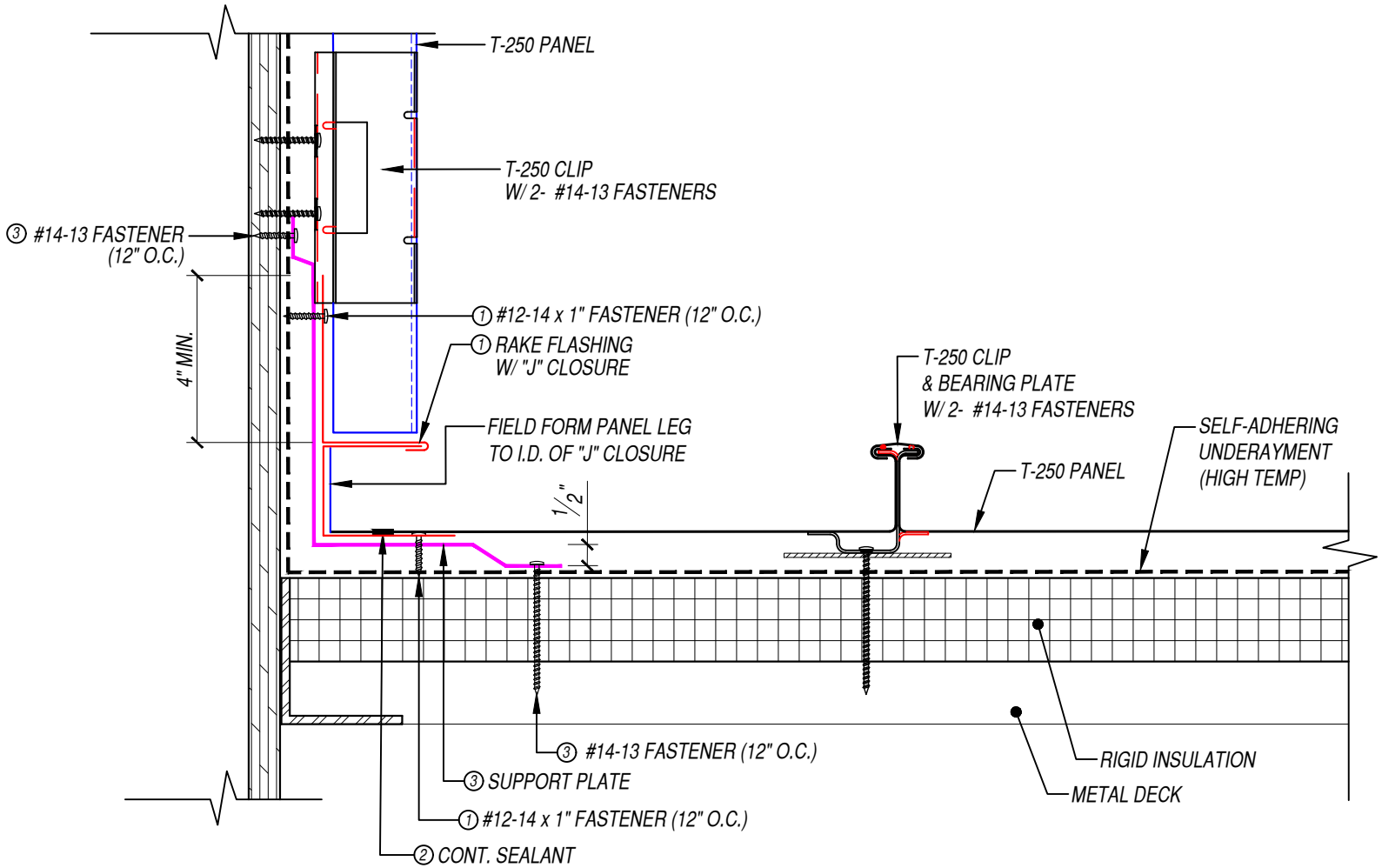
② SEALANT CAN BE TUBE OR TAPE SEALANT AND MUST BE CONTINUOUS.

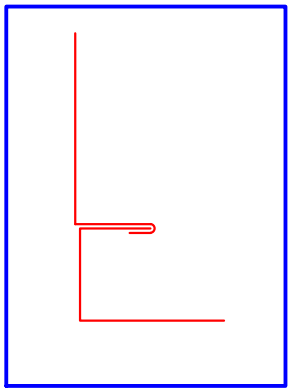
③ SUPPORT PLATE: 20 GA. MINIMUM

PAC-CLAD PETERSEN A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

RAKE WALL w/ FASCIA DETAIL





FLASHING COMPONENTS

KEYNOTES:

- TRIM AND SUPPORT PLATE FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.
- CLIPS, FASTENERS, AND SUPPORT PLATE MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.
- SUPPORT PLATE AND CLIP FASTENERS MUST BE OF SUFFICIENT LENGTH TO PENETRATE HIGH FLUTE OF METAL DECK BY 5/8" MINIMUM THREAD LENGTH. CLIP MUST BE CENTERED ON HIGH FLUTE.

① RAKE FLASHING:

- PANEL LEG MUST BE FORMED TO WITHIN 1/8" OF J-CHANNEL WEB.
- DECK SIDE LEG SHOULD BE A MINIMUM OF 3" LONG WITH FASTENER LOCATED 2" MAXIMUM FROM EDGE.
- J-CHANNEL FORMED TO HEIGHT OF PANEL RIB.

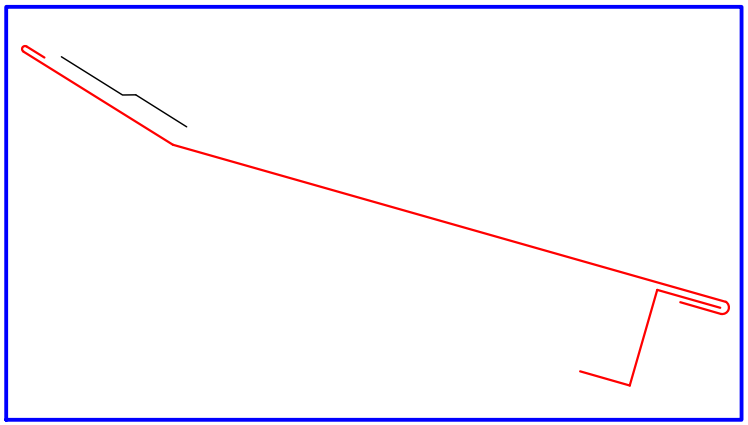
② SEALANT CAN BE TUBE OR TAPE SEALANT AND MUST BE CONTINUOUS.

③ SUPPORT PLATE: 20 GA. MINIMUM

PAC-CLAD PETERSEN A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

SLOPE TRANSITION DETAIL



FLASHING COMPONENTS

KEYNOTES:

- TRIM AND SUPPORT PLATE FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.
- CLIPS, FASTENERS, AND SUPPORT PLATE MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.
- SUPPORT PLATE AND CLIP FASTENERS MUST BE OF SUFFICIENT LENGTH TO PENETRATE HIGH FLUTE OF METAL DECK BY 5/8" MINIMUM THREAD LENGTH. CLIP MUST BE CENTERED ON HIGH FLUTE.

① "Z" COMPONENT
- MINIMUM HEIGHT: 1/8" CLEARANCE OF PANEL RIB
- FASTENED AS FOLLOWS: 16" PANELS (4 FASTENERS PER PANEL MINIMUM); 18" PANELS (6 FASTENERS PER PANEL MINIMUM)
- FASTENING LEG: 1 1/4" MINIMUM TOP LEG: 1 1/2" MINIMUM
- "Z" MUST BE CUT TO TIGHT FIT OF PANEL DIMENSION: 1/8" MAXIMUM GAP

② SEALANT
- TUBE OR TAPE SEALANT IS ACCEPTABLE BELOW THE "Z"
- TUBE SEALANT PLACED AT BACKSIDE OF VERTICAL LEGS
- 1" TAPE WIDTH OR 1/2" BEAD WIDTH PRIOR TO COMPRESSION

③ TRANSITION FLASHING: HEMMED 1" AND FULLY ENGAGED TO "Z" CLOSURE.

④ FIRST PANEL CLIP TO BE LOCATED A ***MAXIMUM OF 8" FROM "Z" COMPONENT***.

⑤ RETAINER CLIP: FASTENED TO SUPPORT PLATE AT 6" O.C. STAGGERED PATTERN.

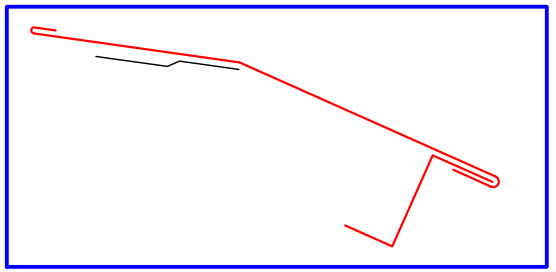
⑥ PANEL HEM THERMAL GAP CLEARANCE: MINIMUM 1 1/2" HEM WITH 1/2" CLEARANCE (CONSULT FACTORY)

⑦ SUPPORT PLATE: 20 GA. MINIMUM

PAC-CLAD PETERSEN A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

SLOPE TRANSITION DETAIL



FLASHING COMPONENTS

KEYNOTES:

- TRIM AND SUPPORT PLATE FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.
- CLIPS, FASTENERS, AND SUPPORT PLATE MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.
- SUPPORT PLATE AND CLIP FASTENERS MUST BE OF SUFFICIENT LENGTH TO PENETRATE HIGH FLUTE OF METAL DECK BY 5/8" MINIMUM THREAD LENGTH. CLIP MUST BE CENTERED ON HIGH FLUTE.

① "Z" COMPONENT
- MINIMUM HEIGHT: 1/8" CLEARANCE OF PANEL RIB
- FASTENED AS FOLLOWS: 16" PANELS (4 FASTENERS PER PANEL MINIMUM); 18" PANELS (6 FASTENERS PER PANEL MINIMUM)
- FASTENING LEG: 1 1/4" MINIMUM TOP LEG: 1 1/2" MINIMUM
- "Z" MUST BE CUT TO TIGHT FIT OF PANEL DIMENSION: 1/8" MAXIMUM GAP

② SEALANT
- TUBE OR TAPE SEALANT IS ACCEPTABLE BELOW THE "Z"
- TUBE SEALANT PLACED AT BACKSIDE OF VERTICAL LEGS
- 1" TAPE WIDTH OR 1/2" BEAD WIDTH PRIOR TO COMPRESSION

③ TRANSITION FLASHING: HEMMED 1" AND FULLY ENGAGED TO "Z" CLOSURE.

④ FIRST PANEL CLIP TO BE LOCATED A ***MAXIMUM OF 8" FROM "Z" COMPONENT***.

⑤ RETAINER CLIP: FASTENED TO SUPPORT PLATE AT 6" O.C. STAGGERED PATTERN.

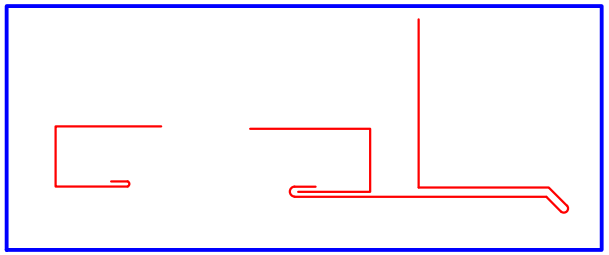
⑥ PANEL HEM THERMAL GAP CLEARANCE: MINIMUM 1 1/2" HEM WITH 1/2" CLEARANCE (CONSULT FACTORY)

⑦ SUPPORT PLATE: 20 GA. MINIMUM

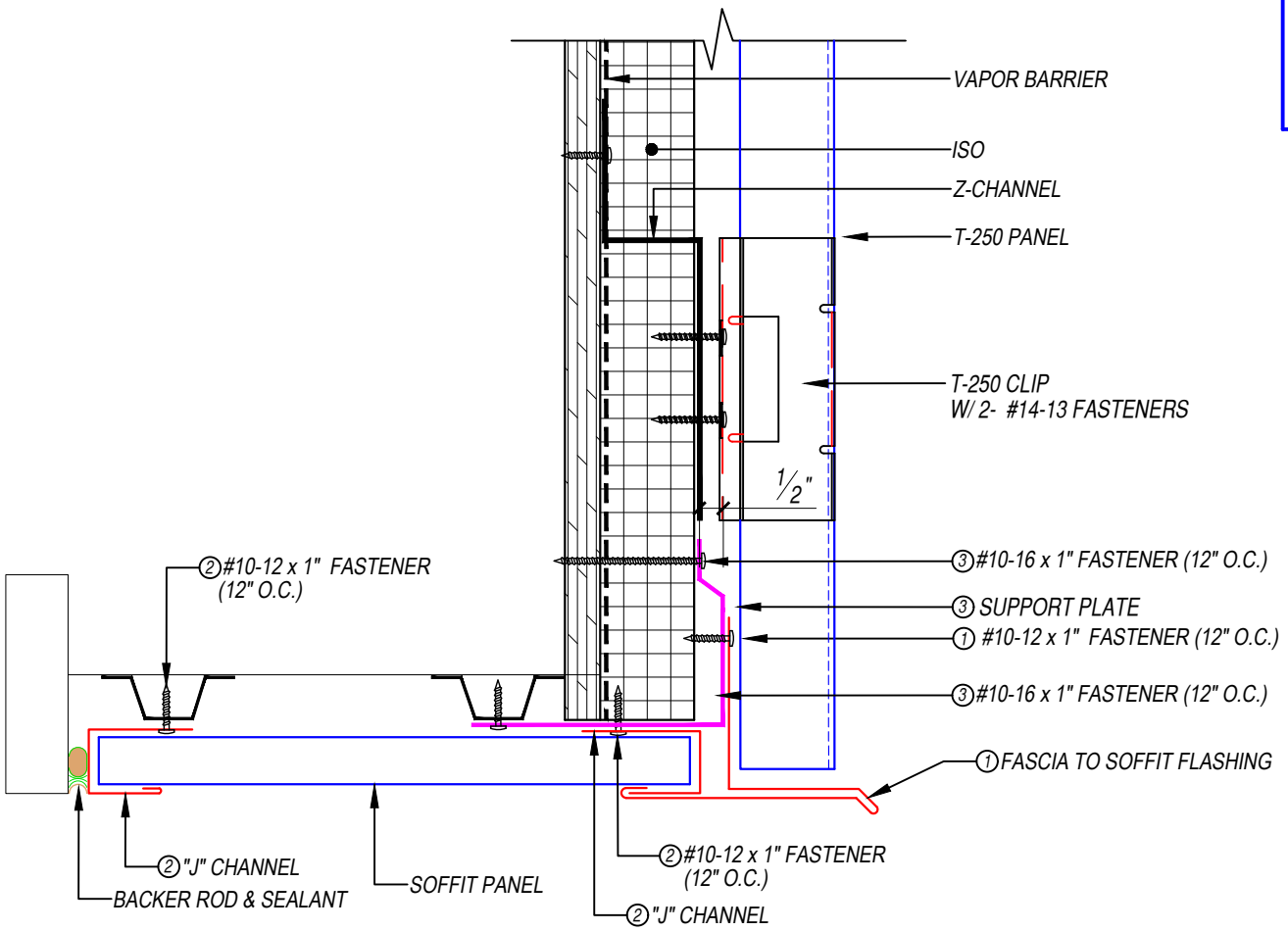
PAC-CLAD PETERSEN
A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

FASCIA TO SOFFIT DETAIL



FLASHING COMPONENTS



KEYNOTES:

- TRIM FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.
- CLIPS AND FASTENERS MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.

① FASCIA TO SOFFIT FLASHING:
- FASTENED WITH #10 FASTENER AT MAXIMUM 12" ON-CENTER (STAGGERED PATTERN).
- VERTICAL LEG SHOULD BE A MINIMUM OF 3" LONG WITH FASTENER LOCATED 2" MAXIMUM FROM EDGE.

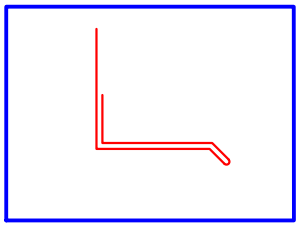
② "J" CHANNEL: FASTENED WITH #10 FASTENER AT MAXIMUM 12" ON-CENTER (STAGGERED PATTERN).

③ SUPPORT PLATE: 20 GA. MINIMUM

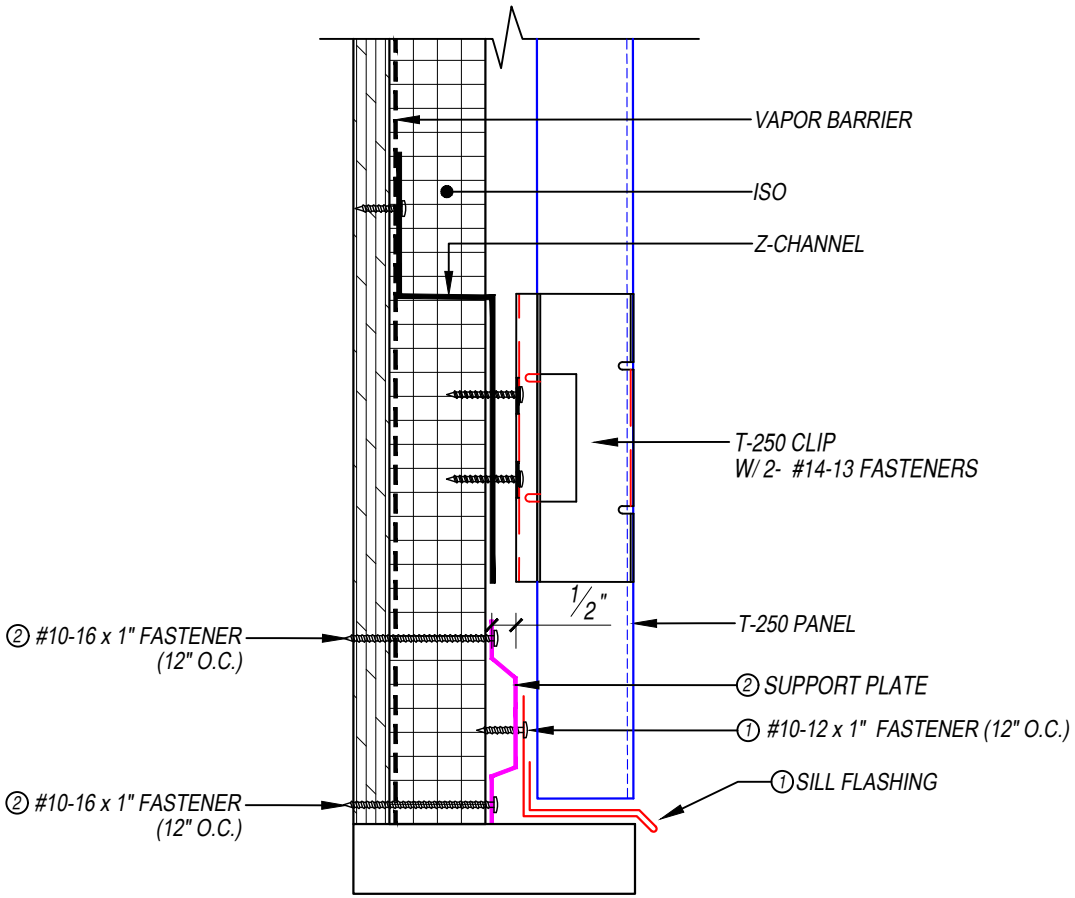
PAC-CLAD PETERSEN
A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

SILL DETAIL



FLASHING COMPONENTS



KEYNOTES:

- TRIM FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.
- CLIPS AND FASTENERS MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.

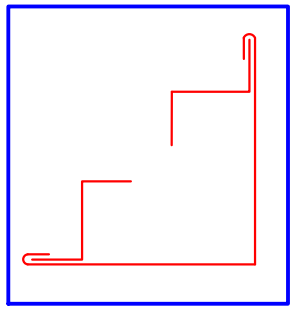
① SILL FLASHING: FASTENED WITH #10 FASTENER AT MAXIMUM 12" ON-CENTER (STAGGERED PATTERN).

② SUPPORT PLATE: 20 GA. MINIMUM

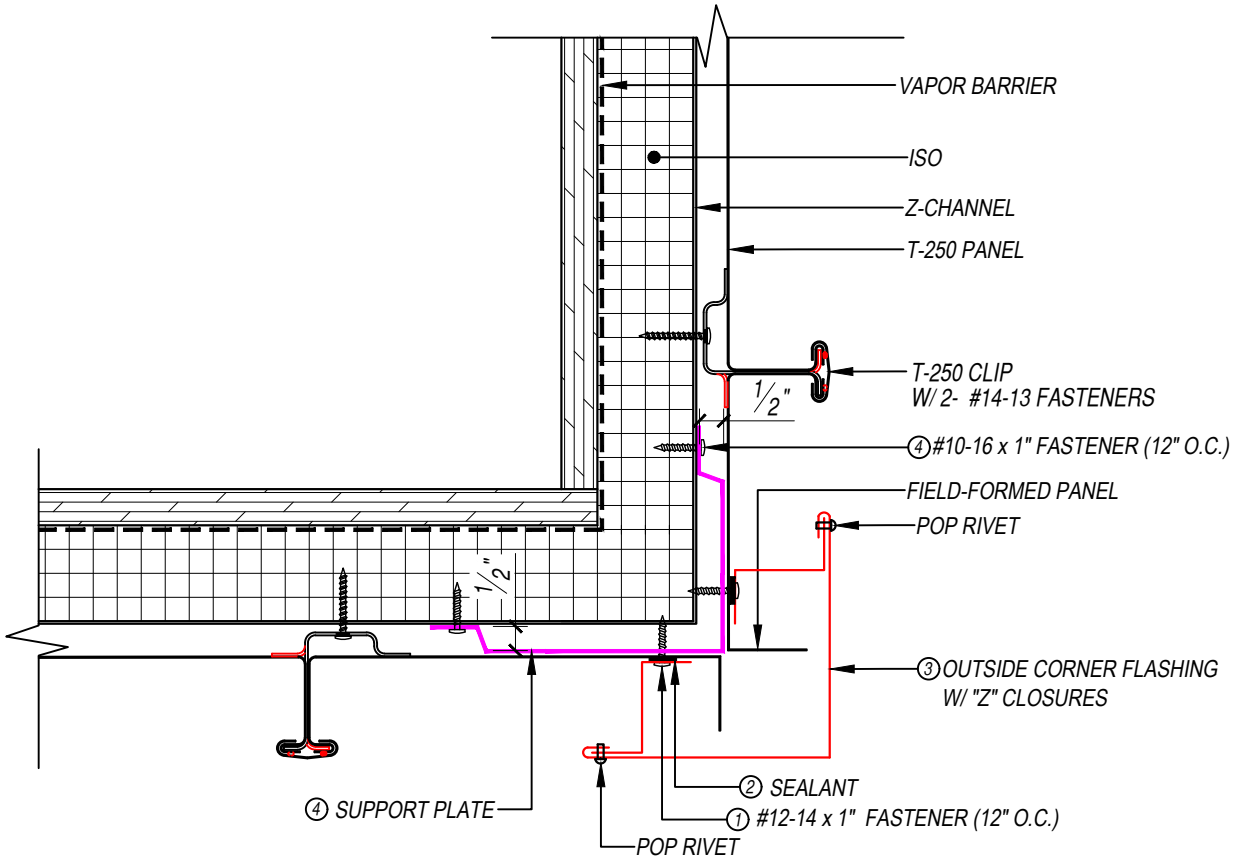
PAC-CLAD PETERSEN A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

OUTSIDE CORNER DETAIL



FLASHING COMPONENTS



KEYNOTES:

- TRIM FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.
- CLIPS AND FASTENERS MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.

① "Z" COMPONENT
- MINIMUM HEIGHT: 1/8" CLEARANCE OF PANEL RIB
- FASTENING LEG: 1 1/4" MINIMUM TOP LEG: 1 1/2" MINIMUM

② SEALANT
- TUBE OR TAPE SEALANT IS ACCEPTABLE BELOW THE "Z"
- 1" TAPE WIDTH OR 1/2" BEAD WIDTH PRIOR TO COMPRESSION

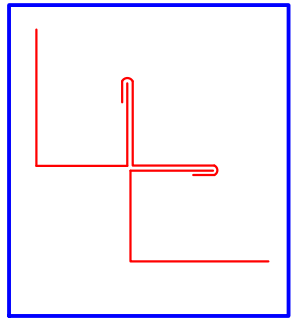
③ OUTSIDE CORNER FLASHING
- HEMMED 1" AND FULLY ENGAGED TO "Z" CLOSURE.

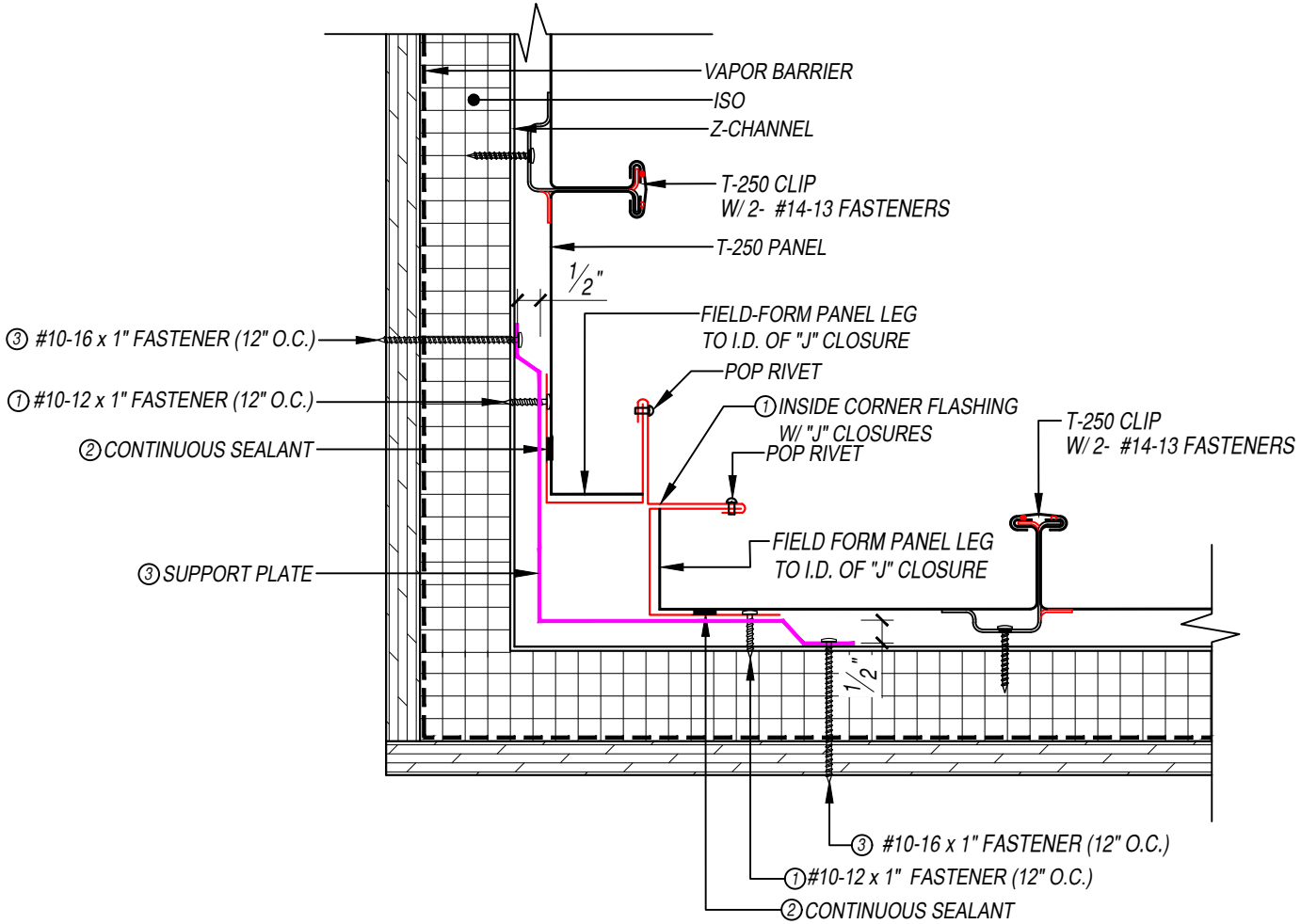
④ SUPPORT PLATE: 20 GA. MINIMUM

PAC-CLAD PETERSEN
A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

INSIDE CORNER DETAIL





KEYNOTES:

- TRIM FASTENERS ARE SELF-DRILL PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN.
- CLIPS AND FASTENERS MATERIAL: GALVANIZED WHEN STEEL PANELS ARE UTILIZED; STAINLESS STEEL WHEN ALUMINUM PANELS ARE UTILIZED.

① INSIDE CORNER FLASHING
- PANEL LEG MUST BE FORMED TO WITHIN 1/8" OF J-CHANNEL WEB.
- DECK SIDE LEG SHOULD BE A MINIMUM OF 3" LONG WITH FASTENER LOCATED 2" MAXIMUM FROM EDGE.
- J-CHANNEL FORMED TO HEIGHT OF PANEL RIB.

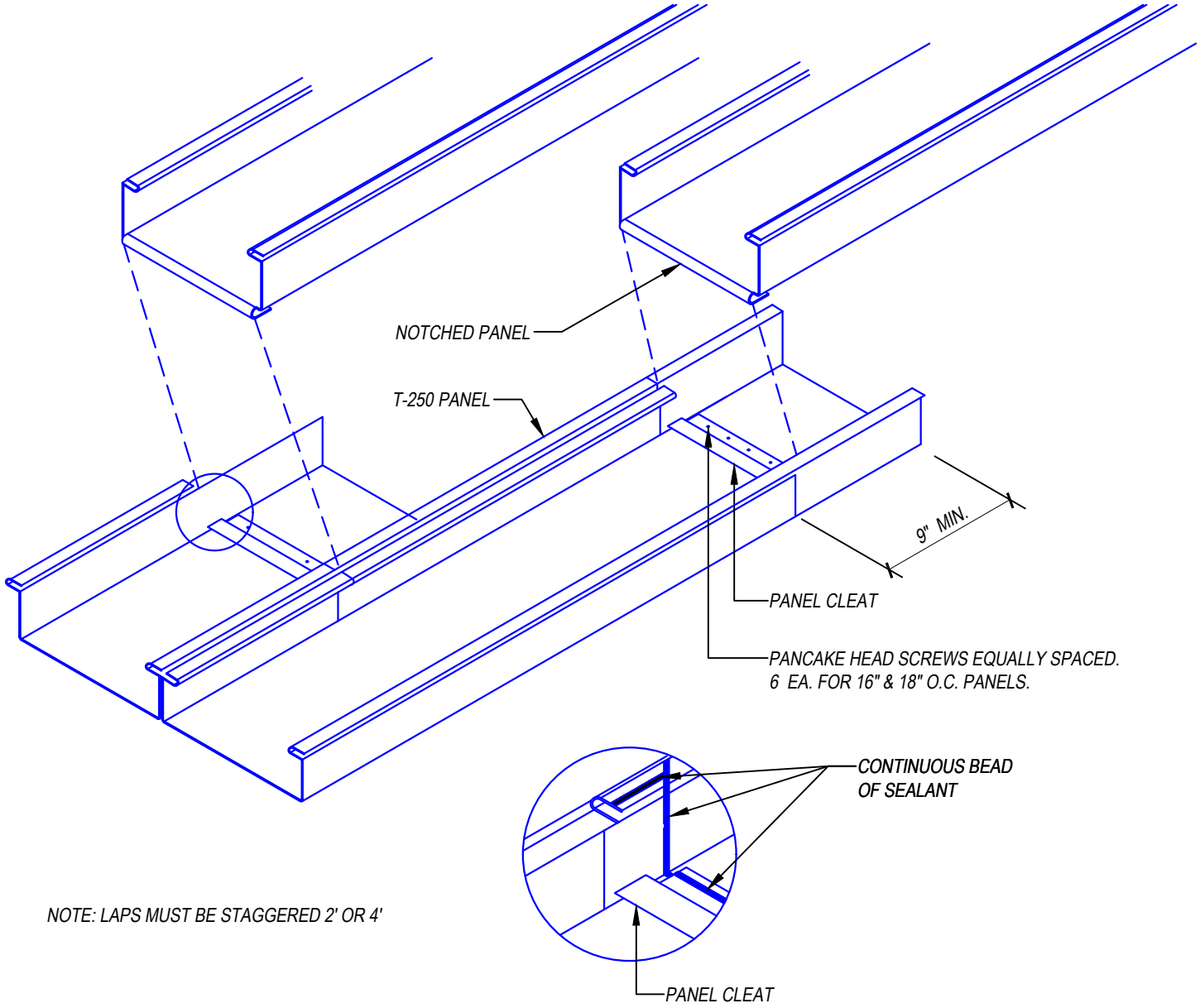
② SEALANT CAN BE TUBE OR TAPE SEALANT AND MUST BE CONTINUOUS.

③ SUPPORT PLATE: 20 GA. MINIMUM

PAC-CLAD PETERSEN
A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

PANEL LAP DETAIL

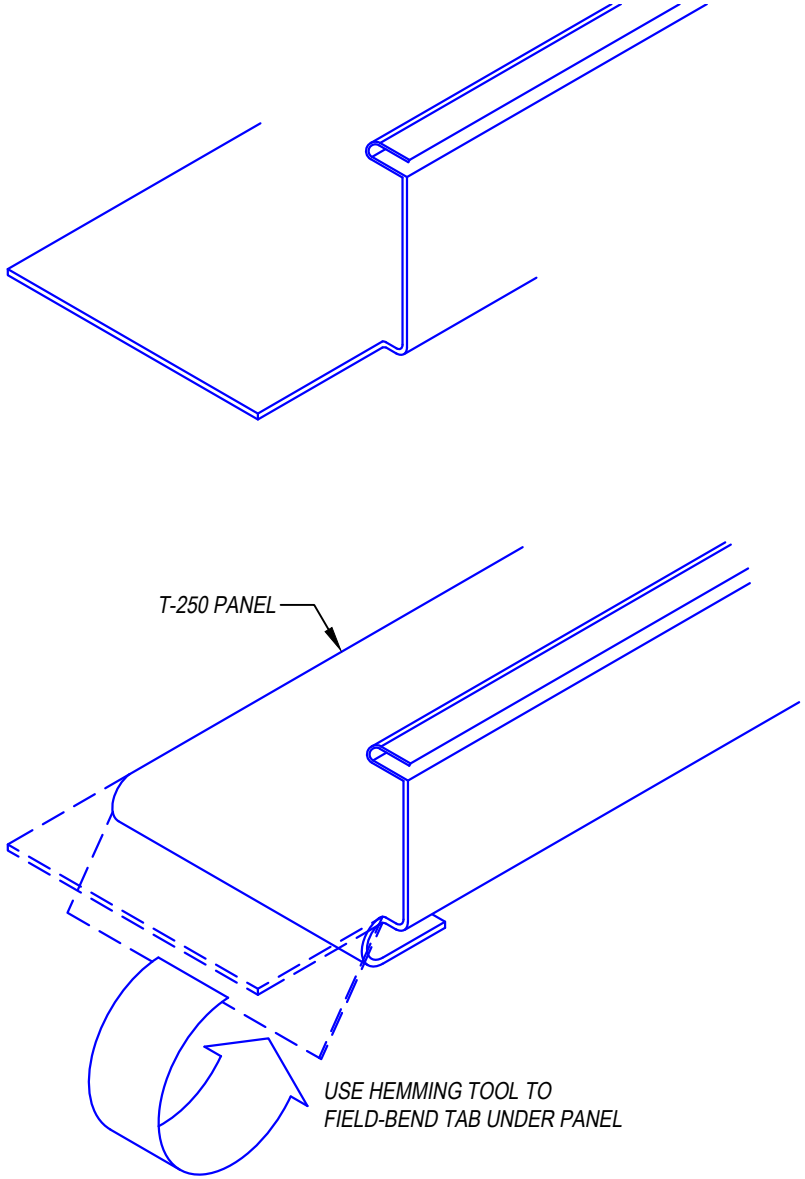


NOTE: LAPS MUST BE STAGGERED 2' OR 4'

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A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO

FIELD BEND PANEL DETAIL



PAC-CLAD PETERSEN
A CARLISLE COMPANY

T-250 FLASHING DETAILS - Metal Deck w/ ISO