

# SPRING CITY AVIATION - NOVO EAST HANGER

WAUKESHA COUNTY AIRPORT WAUKESHA, WI 53188



	11. OCCUPANT LOAD (1004.1) (SEE PLANS)	
OT WITHIN A DWELLING UNIT)(T509):	<u>S1</u> * BY TABLE (1004.1.1) 14.336.93/500 - 29	20. ACCE * EXEMPT
JMATIC FIRE-EXTINGUISHING SYSTEM	$\frac{14,330,35,300-25}{2}$	* EVTERIO
G WATER HEATERS): <u>AUTOMATIC FIRE-EXTINGUISHING SYSTEM WITH</u>	12. EGRESS WIDTH (PER FLOOR)(1005.1, 1010.5, 1011.2):	* EXTERIO
	STAIRWAYS OTHER COMPONENTS	ENT
	* CALCULATED (T1005.1): <u>36" MIN.</u> <u>32" MIN. CLEAR DOORS WHEN OPEN 90°</u>	* PARKING SPA
	* ACTUAL: 48" 34" MIN. CLEAR DOORS WHEN OPEN 90°	ACC
	48" CORRIDORS	* SPECIAL
	* DOOR ENCROACHMENT (1007.1): <u>7" WHEN FULLY OPENED, 1/2 REQUIRED EGRESS WIDTH</u>	<u> </u>
		* OTHER FI
SEE EXCEPTIONS)	13. NUMBER OF EXITS (1006):	LAU SUR
ORS/DUMBWAITERS	* SPACES WITH ONE EXIT: N/A MAX_OCC_LOAD: S1: < 30	CON
OSURE SERVED	MAX. TRAVEL DIST.: <u>100'</u>	* SIGNS W
(1026.2): <u>N/A</u>		INS
	OCC. LOAD: 1-500	(100
EM 7 ABOVE	MIN. # OF EXITS: $2 (ACTUAL = 4)$	
	MAX. TRAVEL DIST.: 200' (S1)	<u>21. ENER</u>
7 710 3): 1 HOUR + SEALED TO PREVENT INTRUSION OF SMOKE	14 EVIT ACCESS TRAVEL DISTANCE/DEMOTENESS (T1017 2)	* <u>MANDATO</u>
D. SERVED BY A STAIR WITH A 48" MIN. CLEAR WIDTH HANDRAIL TO	*ACTUAL MAXIMUM TRAVEL: 139 ft (S1)	LIG
RED EGRESS WIDTH. TO HAVE TWO-WAY COMMUNICATION TO TATING 'AREA OF REFUGE''. DIRECTIONAL SIGNS SHALL BE SE INSTRUCTIONS INCLUDING 3 ITEMS LISTED UNDER 1007 11	* REQUIRED REMOTENESS: 1/2 DIAGONAL OF SPACE OR BUILDING SERVED (1/3 IF FULLY SPRINKLERED)	- <u>SY</u> DEF deg
	15. MISC. ROOM AND ASSEMBLY SPACE EGRESS: N/A	CAL
) 708 3)· N/A	16. DOOR SIZE, SWING, HARDWARE:	INS
<i>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</i>	* DOORS SERVING MEANS OF EGRESS(OTHER THAN REACH-IN CLOSETS) SHALL HAVE A MINIMUM CLEAR WIDTH OF 32" WHEN OPEN 90° (1010.1.1)	
5 (1020.1.1): <u>1 HOUR</u>	* DOORS SERVING MEANS OF EGRESS AND AN OCCUPANT LOAD OF 50 OR MORE SHALL SWING IN THE DIRECTION OF EGRESS	* <u>PRESCRI</u> - CE
	* DOORS SERVING MEANS OF EGRESS AND AN OCCUPANT LOAD OF 50 OR MORE IN A & E OCCUPANCIES SHALL HAVE PUSH/PULL	ASS
	(NON-FIRE RATED) OR LATCHING EXIT DEVICES (REQUIRED IF OPENING IS FIRE RATED OR LOCKING ON PULL SIDE)(1010.1.10)	- <u>AC</u> - SI
		VER
	17. ATTIC AND UNDERFLOOR VENTILATION(1203.2 AND 1203.3):	* PRESCRI
DWELLING UNIT	* AREA(S) OF ATTIC: <u>N/A</u>	* PRESCRI
CORE STEEL 20MIN. RATED w/ SEFL CLOSING LATCHES	VENTILATION light mail N/A	* AS OPTIC
	* AREA(S) UNDERFLOOR: <u>N/A</u> VENTILATION(nfa): <u>N/A</u>	(I.E AS AN AI
		COM
UCTWORK (714): 3 & 714 4):	18. DRAFTSTOPPING:	SOF
14 or UL1479 OR, IF	* NON-SPRINKLERED ATTIC(S) (718.4): N/A	* LOCATIO
INULAR SPACE WITH MATERIAL	* NON-SPRINKLERED FLOOR SPACES (718.3): <u>N/A</u>	* ROOF
DECTED TO ASTME TTO OR OF 263		* ABOVE G
OR ROOF (715.1):	19. RESTROOMS: * DEFINITION - RUBLIC (INCLUDES EMPLOYEES)	
2079	* DEFINITION - PRIVATE OR PRIVATE USE (WITHIN DWELLING, HOTEL/MOTEL GUEST ROOM)	Reco
RATING OPENING RATING	* OCCUPANT LOAD - SEE ITEM 11 ABOVE: 29	* FLOOR AI
JR <u>1 HOUR</u>	* SEPARATE MALE, FEMALE RESTROOMS REQUIRED(2902.2): <u>YES</u> * PUBLIC RESTROOMS REQUIRED(2902.3): YES	
DUR 1/3 HOUR	* OCCUPANCY(IES) (CHAPTER 3, T1004.1.1, T2902.1): <u>S1</u>	* SLAB ON
DUR <u>1/3 HOUR</u>	* NUMBER OF FIXTURES REQUIRED <u>MIN # REQUIRED ACTUAL # PROVIDED</u>	
<u>JR 0 HOUR</u>	WATER CLOSETS (1 PER 100) 1 <u>1</u>	(ins
RATING OPENING RATING	URINALS (UP TO 50% OF REQ'D WC'S) 0 $0$	insu
UR <u>3/4 HOUR</u>	LAVATORIES (1 PER 100) 1 1 BATHTUBS/SHOWERS N/A N/A	* OPAQUE
DUR 1/3 HOUR	SERVICE SINK (1 PER 1000) 1 <u>1</u>	* FENESTT
JR <u>0 HOUR</u>	CLOTHES WASHER CONNECTION N/A N/A	TENEST
	* LOCATION (2902.3.2): 500' MAXIMUM DISTANCE	
LERED NONSPRINKLERED		
. В В		
c		







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![](_page_3_Figure_0.jpeg)

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![](_page_4_Figure_0.jpeg)

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ND WRITTEN CONSENT OF THE BY THE CONTRACTOR AT THE SITE. ALL THE REQUIREMENTS OF ALL DJECT, INCLUDING ALL COUNTY AND DENT COMMISSION (OSHA).	FOCUS ENGINEERING LLC	607 Davis St., Elkhorn, WI 53121 (262) 215-9295 contact@focusengineeringllc.com www.focusengineeringllc.com
URRENT BUILDING CODE AND OTHER NG DESIGN LOADS FOR ADDITIONAL		
VIDING BRACING DURING 'HE STRUCTURE MAY BE SUBJECTED. RE AND DO NOT INDICATE THE THE WORK AND SHALL BE S, AND PROCEDURES, INCLUDING, BY FIELD REPRESENTATIVES OF THE R THE CONSTRUCTION PROCEDURES. CTION SHALL BE DISTINGUISHED ED BY OTHERS. THESE SUPPORT CONTROL AND IN THE INTEREST OF RANTEE THE CONTRACTORS N. ICE AFTER THE PREPARATION OF JCTION DRAWINGS BY THE		
ART OF THE CONTRACT DOCUMENTS. AND FAMILIARIZE THEMSELVES WITH		
ED VALUES SHALL BE USED. R GRAVEL)		
Y GRAVEL, AND CLAYEY GRAVEL - SILT, SILT AND SANDY SILT TYPES CI,  TYP. REINFORCING. D WALL AND AS DEEP AS THE WALL TO BE MEASURED FROM THE TH GRADE WITH AT LEAST <u>5'-0"</u> AVATION, U.N.O. BACK FILL UNDER SLABS AND S ON GRADE SHALL BE CAST ON AT SUPPORT ANY CUT AND FILL BANKS RAINAGE. MORE IF SO NOTED, OF MAXIMUM 557-78. FLOODING OF BACK FILL IS LS ENGINEER WHERE APPLICABLE. CEMENT OF CONCRETE. CARE E SLABS MAY BE PLACED DIRECTLY N PLACE AND WALL IS CURED AT RENT ADOPTED EDITION OF THE ACI ORTION OF THE STRUCTURE SHALL STH REQUIREMENTS SHALL BE G FROM 0.118" TO 1" (TYP). IN 4" WP VALUE OF 4-5". PLACE CONCRETE WITH AN INTERNAL OIDS THOUGH TESTING. ACING CONCRETE. LLS WITHOUT PRIOR APPROVAL OF RCING. SHALL BE SIX PERCENT (6%.) STWEEN CONSTRUCTION JOINTS. D. WITHIN THE VOLUME DESCRIBED BY ARE REQUIRED, FOOTINGS MUST BE EMBERS MUST BE APPROVED BY THE ER IN OUTSIDE DIAMETER AT ITS AN OR WALL. RS, WALLS OR BEAMS SHALL BE ONCENTER.  T DISPLACE IT. S TO ADEQUATELY CONTROL LL NOT RAVEL CONCRETE OR PANELS 21 X 12' UNLESS DRCED WITH 6X6-10/10 WELDED	SPRING CITY HANGAR - NOVO EAST	2451 AVIATION RD, WAUKESHA WI 53188-6900
ADE 60 FOR ALL BAR SIZES U.N.O. LIED. O ASTM A-706 SPECIFICATIONS. AIR CONCRETE BONDING. IERWISE DETAILED. ORCING BARS AS LISTED IN SECTION		
AME SIZE AND SPACING AS THE DRIZONTAL REINFORCEMENT	ER ROOM 8-9-2024	
LOWING ADOPTED STANDARDS AND JRAL CONCRETE APPENDIX D OF MASONRY STRUCTURES" PROVED FOR THE TYPE AND	TION TION DA RR ROUTE, SPRINKLE	
AMIENT IS INDICATED ON THE PLANS.	NUMBER DESCRIP 1 ADDED AI	05-13-2024
	Project: Drawn by:	2023-10.011 SLR
	Checked by: SHEET NUMBER	MAP
	5	\$1.0

![](_page_5_Figure_0.jpeg)

![](_page_5_Picture_2.jpeg)

![](_page_5_Picture_3.jpeg)

NORTH

![](_page_6_Figure_0.jpeg)

![](_page_6_Picture_1.jpeg)

![](_page_7_Figure_0.jpeg)

![](_page_8_Figure_0.jpeg)

![](_page_9_Figure_0.jpeg)

![](_page_10_Figure_0.jpeg)

![](_page_10_Figure_1.jpeg)

			27'-0"	
	"NORCO" 100'x27' - 6 LEAF -	TWO WAY SLIDING HANGER DOOR		

![](_page_10_Figure_3.jpeg)

![](_page_10_Picture_5.jpeg)

![](_page_11_Figure_0.jpeg)

![](_page_11_Figure_1.jpeg)

![](_page_11_Picture_2.jpeg)

• T/ PAVEMENT EL. (97'-3")

> T/ FOOTING EL. (93'-0")

![](_page_12_Figure_0.jpeg)

	1 12		12
OPTILINE w/ R-5 TH	R R36 ROOF INSULATION IERMAL SPACERS	METAL BUILDING FRAME BEYOND	OPTILINER w/ R-5 THE
	12 1		12
w/ R-5 TH	IERMAL SPACERS	AND CLADDING SYSTEM PER MFG.	w/ R-5 THE
	<u>12</u>		12
OPTILINE w/ R-5 Th	ER R36 ROOF INSULATION HERMAL SPACERS	METAL BUILDING FRAME &/ CLADDING SYSTEM PER MFG.	OPTILINEF w/ R-5 THI

![](_page_12_Figure_2.jpeg)