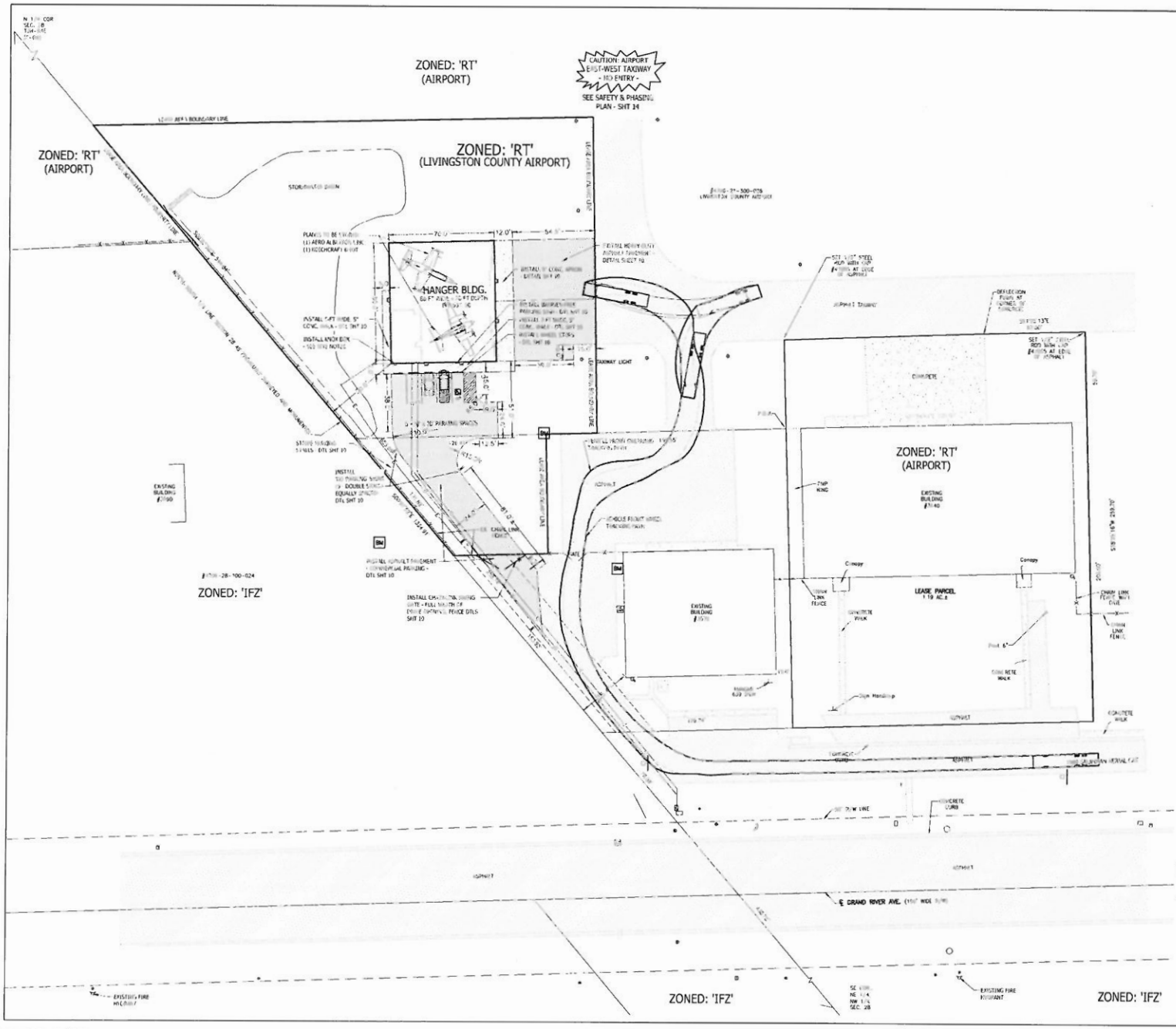


SEE SHEET 2 FOR GENERAL NOTES AND LEGEND

SCALE: 1 INCH = 30 FEET

SITE STATISTICAL DATA:
PROPOSED DEVELOPMENT IS WITHIN LIVINGSTON COUNTY AIRPORT PROPERTY AND SITE WILL BE PART OF A LEASE AGREEMENT WITH THE AIRPORT AUTHORITY
ZONING - AIRPORT "RT" - RESEARCH AND TECHNOLOGY
ZONING ADJACENT TO DEVELOPMENT AREA ALONG A PROPERTY LINE
"IFZ" - ADJACENT WEST
"RT" - IMMEDIATE SOUTH / AIRPORT PROPERTY
"IFZ" - SOUTH ACROSS GRAND RIVER AVE.
"RT" - IMMEDIATE NORTH AND EAST / AIRPORT PROPERTY
DEVELOPMENT TYPE (UCC - AIRPORT PROPERTY PLANES)
SITE AREA: 2.38 AC (103,996 SQFT.) LEASE PARCEL
BUILDING SQUARE FOOTAGE (FOOTPRINT): 5,600 SQFT (0.5%)
OPEN-USE SURFACE LEVEL OF BUILDING: 18,207 SQFT (17.6%)
PERVIOUS SURFACE: 42,394 SQFT (0.97 AC) (41%)

MIN. SETBACKS REQUIRED:
FRONT: 25-FT (EAST) - N.A. - DOES NOT ABUT EAST PROPERTY LINE
REAR: 50-FT (WEST) - PARCEL ABUTS WEST PROPERTY LINE
SIDES: 10-FT / MINIMUM OF BLDG. (SOUTH / NORTH) - N.A. - DOES NOT ABUT LINES
MIN. LOT SIZE: 20,000 SQFT - N.A. - LEASE PARCEL, PART OF COUNTY AIRPORT
LOT COVERAGE: 25% - N.A. - LEASE PARCEL, PART OF COUNTY AIRPORT
MAX BLDG. HGT: 50 FT - SUBJECT TO FAA AIRPORT CLEARANCE REQUIREMENTS

PROPOSED BUILDING:
SETBACK REAR (WEST): 5-FT
MAX BLDG. HGT: 23.66-FT (HALF GABLE HGT.) (3/12 PITCH: 1/12 ROOF PITCH)

PARKING CALCULATION - CLOSEST EQUIVALENT WARHOUSE =
5 SPACES + 1 SPACE / EMPLOYEE MAX SHIFT OR 1 SPACE / 2,500 SQFT + 5 SPACES, WHICHEVER GREATER = 1 SPACE / EMPLOYEE OR 9 SPACES (5.60 / 1,500 + 5)
PROVIDED PARKING: 5 SPACES

LOADING SPACE: MIN. 5,000 GROSS SQFT: 1 SPACE - N.A. - NO COMM. DELIVERIES

WASTE DISPOSAL VIA RESIDENTIAL-TYPE GARBAGE CANS BY OWNER - PER STANDARD OPERATING PROCEDURES OF THE LIVINGSTON COUNTY AIRPORT - SECTION 4.03 - NO COMMERCIAL PICKUP TO SITE

GENERAL SITE AND FIRE DEPARTMENT NOTES:
1. THE BUILDING ADDRESS SHALL BE A MINIMUM 6" HIGH LETTERS OF CONTRASTING COLORS AND BE CLEARLY VISIBLE FROM THE STREET. THE LOCATION AND SIZE SHALL BE VERIFIED WITH THE FIRE MARSHAL PRIOR TO INSTALLATION.
2. A KEY BOX/SHOCK BOX SHALL BE LOCATED NEAR THE FRONT ENTRY (FINAL LOCATION TO BE DETERMINED BETWEEN THE OWNER & FIRE MARSHAL).
3. ONE SIDE OF THE SITE CIRCULATION ROUTE SHALL BE MARKED AS A FIRE LANE AND SHALL HAVE APPROPRIATE SIGNAGE.
4. THE CIRCULATION ROUTE SHALL BE CONSTRUCTED TO BE CAPABLE OF SUPPORTING THE IMPOSED LOAD OF FIRE APPARATUS WEIGHING AT LEAST 75,000 LBS.
5. A MINIMUM VERTICAL CLEARANCE OF 13.5 FEET SHALL BE MAINTAINED THROUGHOUT THE SITE. THIS INCLUDES ENCROACHMENTS FROM LARGE TREE CANOPIES, LIGHTING, ETC.

HOWELL AREA FIRE DEPARTMENT AERIAL LADDER FIRE TRUCK CIRCULATION REPRESENTATIVE TRACKING CRITERIA

1989 GRUMMAN AERIAL CAT

| | |
|---|---|
| Overall Length | 43.25ft |
| Overall Width | 8.29ft |
| Overall Body Height | 12.0ft |
| Min Body Ground Clearance | 1.25ft |
| Track Width | 8.33ft |
| Lock-to-lock time | 6.00s |
| Max Wheel Angle | 48.00° |

NOTE: CIRCULATION ROUTE SHOWN ILLUSTRATES THE MINIMUM REPRESENTATIVE EMERGENCY ACCESS TO THE AIRPORT PROPERTY LEASE SITE. ANY RESPONSE INTO AIRPORT PROPERTY WILL BE COORDINATED WITH THE AIRPORT'S OVERALL EMERGENCY RESPONSE POLICY AND PROCEDURES


BOSS Engineering
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PROJECT: CROSSWIND HANGER
PREPARED FOR: CDN INVESTMENTS, LLC
PLAN: SITE AND EMERGENCY VEHICLE CIRCULATION PLAN

| NO. | REVISION | BY | DATE |
|---|---|---|---|

DESIGNED BY: PC
DRAWN BY: PC
CHECKED BY:
SCALE: 1"=30'
JOB NO: 25-003
DATE: 5/7/25
SHEET NO: 4