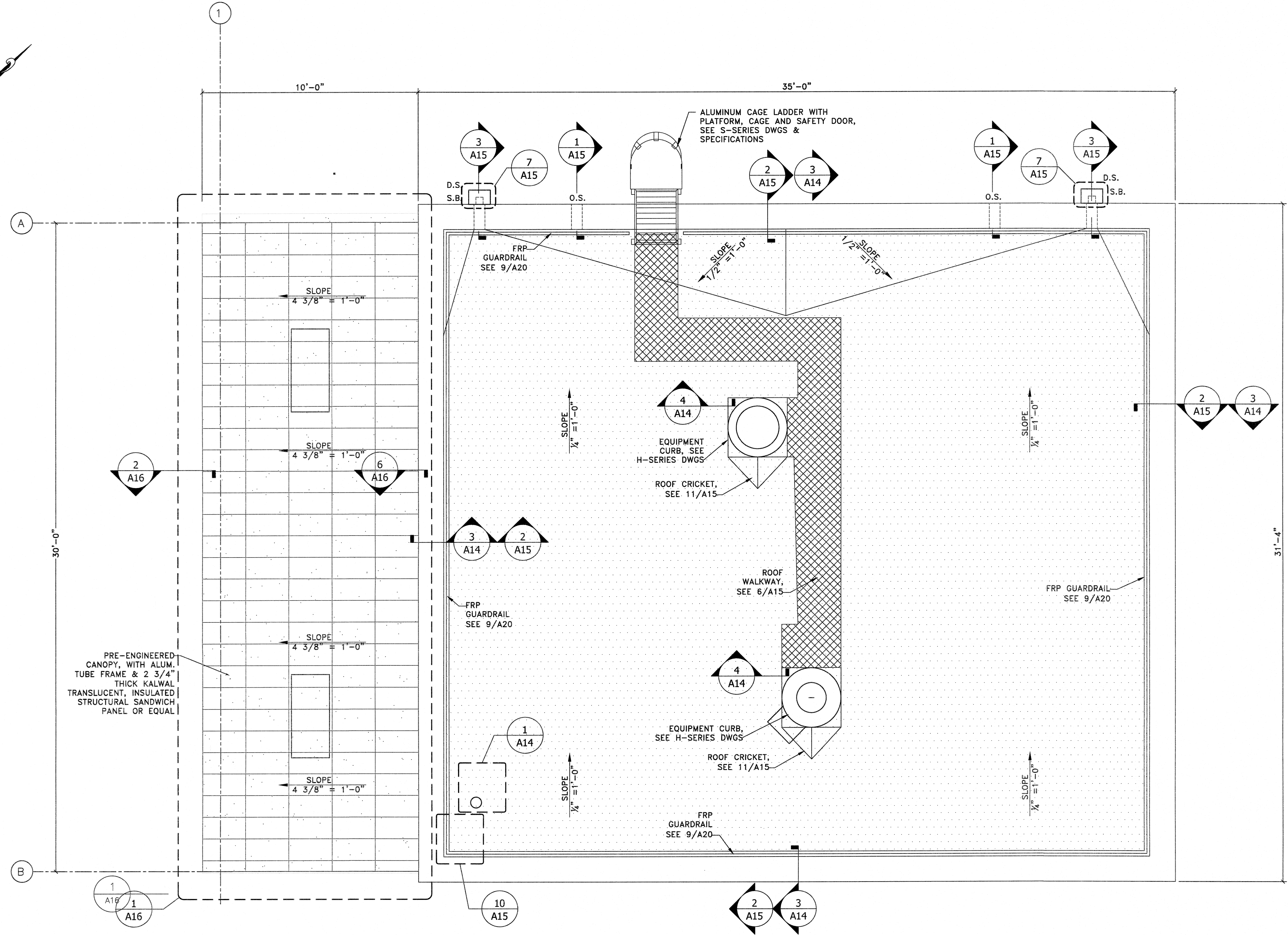
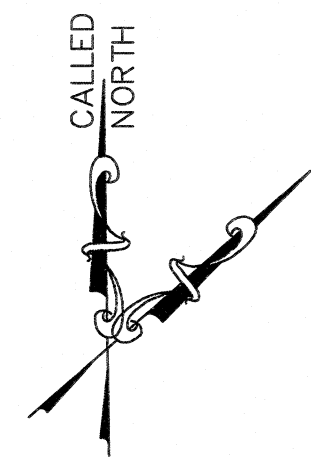


KEYPLAN  
N.T.S.

FM GLOBAL RATING FOR ROOF	
CLASS	1
RATING	A
RESISTANCE TO HAIL IMPACT	MH
TERRAIN-SURFACE EXPOSURE	B
BASIC WIND SPEED	100 MPH
WIND BORNE RISK	NO
RISK CATEGORY	IV
ROOF AREA	1085 SF
WIND PRESSURE	
UPPER ROOF	
FIELD	21 psf
PERIMETER	35 psf
CORNER	52 psf
WIND UPLIFTING RATING	
FIELD	60 psf
PERIMETER	75 psf
CORNER	105 psf



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

**ROOF LEGEND**

- MODIFIED BITUMEN ROOFING SYSTEM
- PRE-ENGINEERED CANOPY-ALUMINUM TUBE FRAME & 2 3/4" KALWAL TRANSLUCENT INSULATED STRUCTURAL SANDWICH PANEL OR EQUAL

NOTE: MODIFIED BITUMEN ROOFING: 20 YEAR WARRANTED MODIFIED ROOFING SYSTEM AND A UL CLASS 'A' RATING WITH 100 MPH PEAK GUST WIND COVERAGE AND FM RATING. INSTALL CRICKETS AND SLOPES AS NEEDED TO MAINTAIN SLOPE AS INDICATED IN DRAWINGS.

D.S. DOWNSPOUT, SEE DWG A15 FOR DETAILS

S.B. SCUPPER, SEE DWG A15 FOR DETAILS

O.S. OVERFLOW SCUPPER, SEE DWG A15 FOR DETAILS

ROOF WALKWAY, SEE A15 FOR DETAILS

ROOF CRICKET SLOPE

SLOPE 1/4"=1'-0" STRUCTURAL ROOF SLOPE, VERIFY IN FIELD AND INFORM ARCHITECT/ENGINEER BEFORE INSTALLING ROOFING.

NOTE:

- CONTRACTOR TO SUBMIT TAPERED INSULATION LAYOUT FROM INSULATION MANUFACTURER
- ALL ROOF SLOPE IS MIN. 1/4" PER FOOT, ALL CRICKET SLOPE IS MIN. 1/2" PER FOOT AND VALLEY AND IS MIN. 1/8" PER FOOT.

TYPICAL CRICKET SLOPE DETAIL

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APPROVED:  <b>Richard A. Alaimo</b> PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 13195	REVISIONS _____ _____ _____	DATE _____ _____ _____	BY _____ _____ _____	 <b>RICHARD A. ALAIMO ENGINEERING COMPANY</b> Consulting Engineers NJDCA 24GA27988800 200 HIGH STREET MOUNT HOLLY, N.J. 2 MARKET STREET PATERSON, N.J.	<b>GRIT CHAMBER UPGRADE</b>  <b>GRIT CLASSIFIER BUILDING ROOF PLAN</b>	CLIENT: <b>WOODBIDGE TOWNSHIP</b>  PROJECT LOCATION: <b>WOODBIDGE TOWNSHIP MIDDLESEX COUNTY NEW JERSEY</b>	PROJECT NO.: <b>B-0726-0023-000</b> CONTRACT NO.: <b>1230</b>	DATE: <b>APRIL 2017</b> DESIGNED BY: <b>AA</b> DRAWN BY: <b>AA</b> CHECKED BY: _____ DEPT. HEAD: _____	SHEET <b>A07</b>  FILE NO.: _____
	SCALE: <b>AS NOTED</b>				PROJECT NO.: <b>B-0726-0023-000</b>	CONTRACT NO.: <b>1230</b>	DEPT. HEAD: _____	FILE NO.: _____	