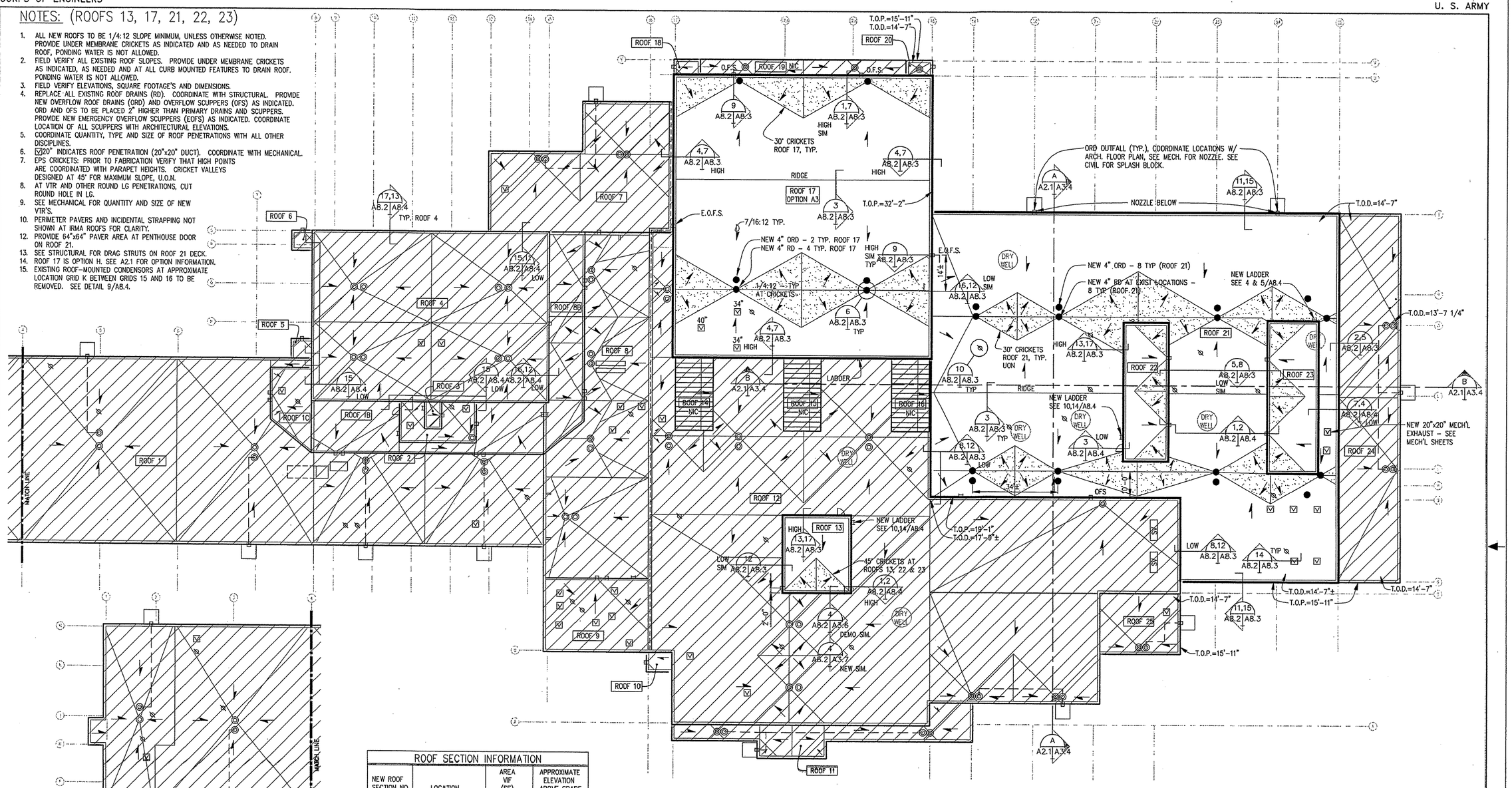
CORPS OF ENGINEERS

U. S. ARMY

NOTES: (ROOFS 13, 17, 21, 22, 23)

1. ALL NEW ROOFS TO BE 1/4:12 SLOPE MINIMUM, UNLESS OTHERWISE NOTED. PROVIDE UNDER MEMBRANE CRICKETS AS INDICATED AND AS NEEDED TO DRAIN ROOF, PONDING WATER IS NOT ALLOWED.
2. FIELD VERIFY ALL EXISTING ROOF SLOPES. PROVIDE UNDER MEMBRANE CRICKETS AS INDICATED, AS NEEDED AND AT ALL CURB MOUNTED FEATURES TO DRAIN ROOF. PONDING WATER IS NOT ALLOWED.
3. FIELD VERIFY ELEVATIONS, SQUARE FOOTAGE'S AND DIMENSIONS.
4. REPLACE ALL EXISTING ROOF DRAINS (RD). COORDINATE WITH STRUCTURAL. PROVIDE NEW OVERFLOW ROOF DRAINS (ORD) AND OVERFLOW SCUPPERS (OFS) AS INDICATED. ORD AND OFS TO BE PLACED 2" HIGHER THAN PRIMARY DRAINS AND SCUPPERS. PROVIDE NEW EMERGENCY OVERFLOW SCUPPERS (EOFS) AS INDICATED. COORDINATE LOCATION OF ALL SCUPPERS WITH ARCHITECTURAL ELEVATIONS.
5. COORDINATE QUANTITY, TYPE AND SIZE OF ROOF PENETRATIONS WITH ALL OTHER DISCIPLINES.
6. ▽20" INDICATES ROOF PENETRATION (20"x20" DUCT). COORDINATE WITH MECHANICAL.
7. EPS CRICKETS: PRIOR TO FABRICATION VERIFY THAT HIGH POINTS ARE COORDINATED WITH PARAPET HEIGHTS. CRICKET VALLEYS DESIGNED AT 45° FOR MAXIMUM SLOPE, U.O.N.
8. AT VTR AND OTHER ROUND LG PENETRATIONS, CUT ROUND HOLE IN LG.
9. SEE MECHANICAL FOR QUANTITY AND SIZE OF NEW VTR'S.
10. PERIMETER PAVERS AND INCIDENTAL STRAPPING NOT SHOWN AT IRMA ROOFS FOR CLARITY.
12. PROVIDE 64"x64" PAVER AREA AT PENTHOUSE DOOR ON ROOF 21.
13. SEE STRUCTURAL FOR DRAG STRUTS ON ROOF 21 DECK.
14. ROOF 17 IS OPTION H. SEE A2.1 FOR OPTION INFORMATION.
15. EXISTING ROOF-MOUNTED CONDENSORS AT APPROXIMATE LOCATION GRID K BETWEEN GRIDS 15 AND 16 TO BE REMOVED. SEE DETAIL 9/A8.4.



ROOF SECTION INFORMATION			
NEW ROOF SECTION NO.	LOCATION	AREA VIF (SF)	APPROXIMATE ELEVATION ABOVE GRADE
1	NIC	21,324	12'
2	NIC	447	23'
3	NIC	78	30'
4	NIC	6,898	30'
5	NIC	70	12'
6	NIC	70	12'
7	NIC	3,244	15'
8	NIC	6,088	15'
9	NIC	1,301	18'
10	NIC	41	15'
11	NIC	1,013	15'
12	NIC	22,394	19'
13 *	PENTHOUSE	911	28'
14	NIC	463	28'
15	NIC	463	28'
16	NIC	463	28'
17 *	GYM (AREA 'C')	12,344	33'
18	NIC	72	14'
19	NIC	528	14'
20	NIC	72	14'
21 *	AREA 'E'	19,409	15'
22 *	FAN ROOM	1,056	24'
23 *	CLERESTORY	1,311	24'
24	NIC	3,817	15'
25	NIC	829	15'

* PHASE 3 WORK (PLUS SOME WORK AT ROOF 4 AREA)

1 A8.2 NEW ROOF PLAN
SCALE: 1/16" = 1'-0"

UNDER MEMBRANE CRICKETS - APPROX. LOCATION & SIZE

NIC ROOF AREAS U.O.N.

GRAPHIC SCALES

REFERENCE NO. A8.2

REV.	DATE	C.O.	ACTION	DESCRIPTION	BY	APP'D.

CONTRACT NO.

CONTRACTOR

CITY STATE

RECOMMENDED: PRIME CONTRACTOR

APPROVED: RESIDENT ENGINEER

DATE:

USKH — A quarter century of design for Alaskans

ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

DESIGNED: HAP
DRAWN: RWP
TRACED:
CHECKED: JAH
SUBMITTED:
CH. SECT.

BEN EIELSON JR./SR. HIGH SCHOOL - PHASE 3
EIELSON AIR FORCE BASE, ALASKA
ARCHITECTURAL

NEW ROOF PLAN

RECOMMENDED: CHIEF, MILITARY TECHNICAL ENGINEERING BRANCH

APPROVED: CHIEF ENGINEERING DIVISION

DATE:

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

SPEC. NO.

DRAWING NUMBER 29-02-38

SHEET OF