

DATE	DESCRIPTION
08-14-00	ISSUED FOR PRELIMINARY BUDGET
10-27-00	ISSUED FOR SOA REVIEW
03-01-01	ISSUED FOR PRICING
03-19-01	REVISED PER STATE REVIEW
04-02-01	ISSUED FOR PRE-BID REVIEW
04-14-01	ISSUED FOR BIDS
04-07-01	ADDENDUM NO. 1 REVISION

STATE PROJECT NO: 158-091A/R
CONVERSION OF BEDFORD MIDDLE SCHOOL
TO THE SAUGATUCK ELEMENTARY SCHOOL
170 RIVERSIDE AVENUE
WESTPORT, CONNECTICUT

DRAWING TITLE:

ROOF PLAN

SCALE:
1/8" = 1'-0"

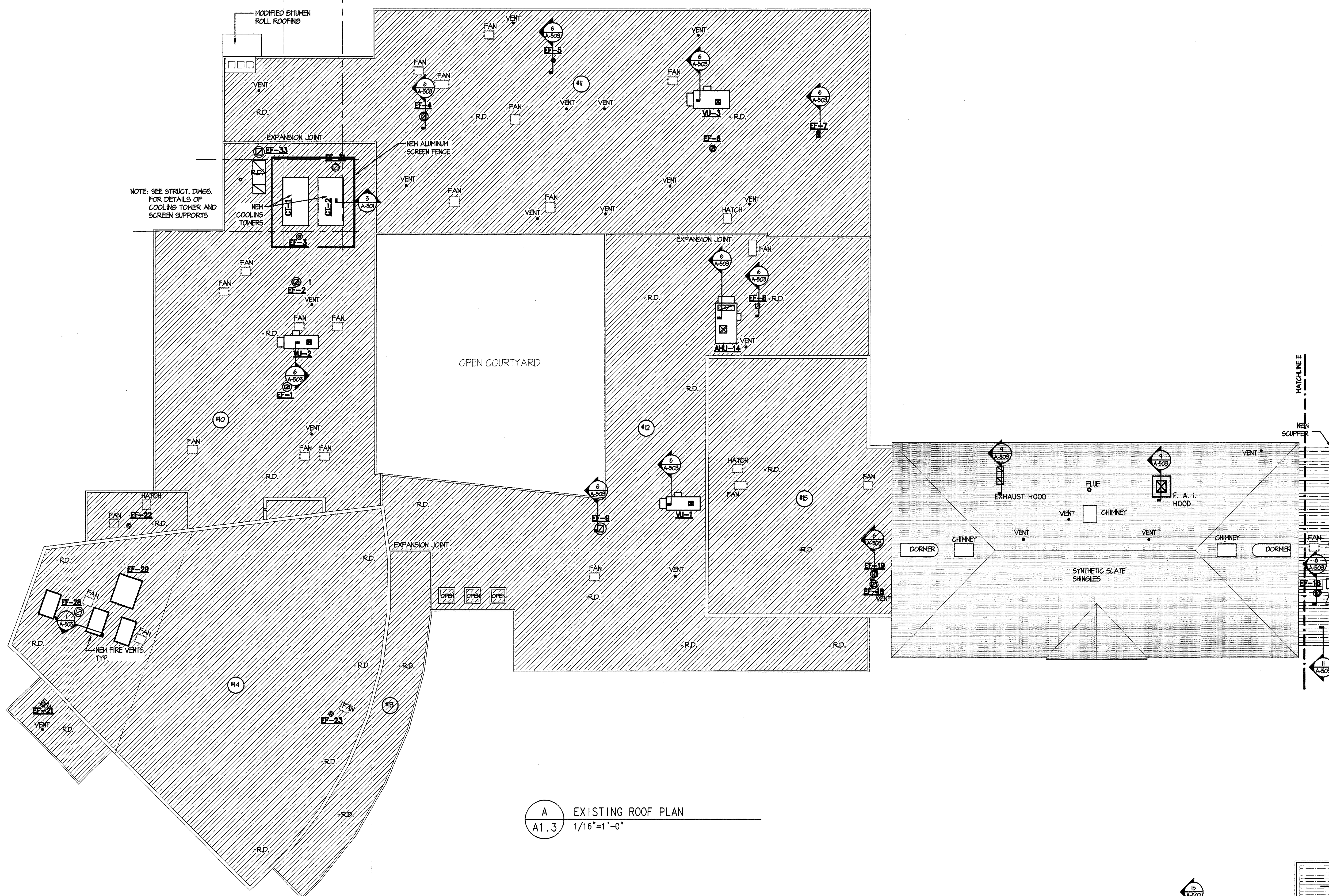
DRAWING NO.

A-103.1

DATE: 11-9-2000 JOB NUMBER: 00087

ROOF CUTS

- #1 STONE BALLAST
EPDM MEMBRANE
1/2" FIBERBOARD
3" POLYISOCYANURATE INSULATION
BASE SHEET MOPPED IN COAL TAR PITCH
CONCRETE DECK
- #2 EPDM (FULLY-ADHERED MEMBRANE)
1/2" FIBERBOARD
1 1/2" POLYISOCYANURATE INSULATION
CONCRETE DECK
- #3 SAME AS #2 ON CONCRETE PLANK
- #4 SAME AS #2
- #5 EPDM (FULLY-ADHERED MEMBRANE)
1/2" GYPSUM AND FIBERBOARD ("DENSDECK")
1 1/2" POLYISOCYANURATE INSULATION
BASE SHEET MOPPED IN COAL TAR PITCH
TECTUM DECK
- #6 STONE BALLAST
EPDM MEMBRANE
(2) LAYERS 1/2" FIBERBOARD
POLYISOCYANURATE INSULATION (TAPERED SYSTEM)
BASE SHEET
CONCRETE DECK
- #7 STONE BALLAST
EPDM MEMBRANE
1/2" FIBERBOARD
POLYISOCYANURATE INSULATION (TAPERED SYSTEM)
CONCRETE DECK
- #8 EPDM (FULLY-ADHERED MEMBRANE)
1/2" GYPSUM AND FIBERBOARD ("DENSDECK")
1 1/2" POLYISOCYANURATE INSULATION
1/2" POURED GYPSUM
BASE SHEET
ROSLIN PAPER
BASE SHEET
TECTUM DECK
- #9 STONE BALLAST
EPDM MEMBRANE
1/2" FIBERBOARD
1 1/2" POLYISOCYANURATE INSULATION
BASE SHEET
CONCRETE DECK
- #10 EPDM (FULLY-ADHERED REINFORCED MEMBRANE)
1 1/2" POLYISOCYANURATE INSULATION
BASE SHEET
TECTUM DECK
- #11 SAME AS #10
- #12 SAME AS #10
- #13 EPDM (FULLY-ADHERED REINFORCED MEMBRANE)
1 1/2" POLYISOCYANURATE INSULATION
1/2" PERLITE
BASE SHEET
TECTUM DECK
- #14 SAME AS #10
- #15 SAME AS #10
- #16 SAME AS #1



A EXISTING ROOF PLAN
A1.3 1/16"=1'-0"

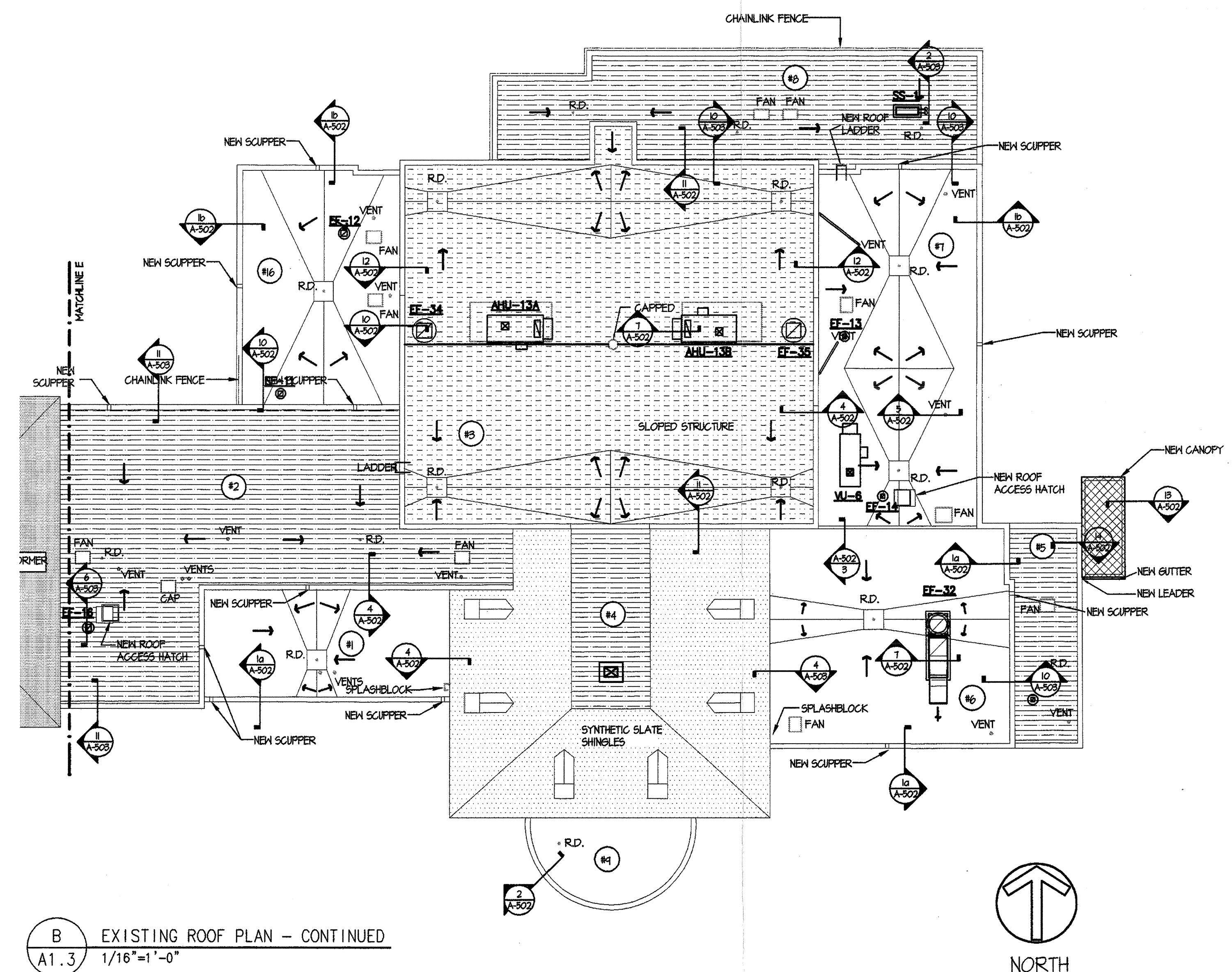
SUMMARY SCOPE OF WORK

- BALLASTED EPDM ROOFS (1,6,7,9,16)
REMOVE ROOFING. INSTALL TAPERED INSULATION PER SPECS. & DWGS.
INSTALL A TWO LAYER SBS ROOF SYSTEM
- UN REINFORCED FULLY ADHERED EPDM GYMNASIUM ROOF (3)
REMOVE ROOFING. INSTALL TAPERED INSULATION PER SPECS. & DWGS.
INSTALL A TWO LAYER SBS ROOF SYSTEM B
- UN REINFORCED FULLY ADHERED EPDM ROOFS (NO LONGER UNDER WARRANTY) (2,4,5,8)
REPLACE WET INSULATION
RE STRIP SEAMS
MAKE DESIGNATED REPAIRS
FLASH NEW MECHANICAL AND PLUMBING EQUIPMENT
- REINFORCED WARRANTED CARLISLE EPDM ROOFS (10,11,12,13,14,15)
DETERMINE AREAS REQUIRING INSULATION REPLACEMENT
REPLACE WET INSULATION
FLASH NEW MECHANICAL AND PLUMBING EQUIPMENT
- SYNTHETIC SHINGLE ROOFS (UNNUMBERED)
REPAIR COPPER GUTTER (NORTH ROOF ONLY)
DESIGNATED REPAIRS
FLASH NEW MECHANICAL AND PLUMBING EQUIPMENT
- NEW CANOPY (NEW END)
INSTALL TAPERED INSULATION PER SPECS. & DWGS.
INSTALL A TWO LAYER SBS ROOF SYSTEM BASED ON

GENERAL NOTES

1. BIDDERS SHALL FIELD VERIFY EXISTING DIMENSIONS
2. BIDDERS SHALL INCLUDED THE FOLLOWING QUANTITIES OF PENETRATION POCKETS OF NEW EQUIPMENT:
UNITS LABELED "SS": 2 PER UNIT.
UNITS LABELED "CT": 1 PER UNIT.
UNITS LABELED "VI": 1 PER UNIT.
UNITS LABELED "AHU": 1 PER UNIT.
3. TAPERED INSULATION NOTES
DESIGN SLOPE OF PRIMARY SLOPES SHALL BE A MINIMUM OF 1/4 INCH PER FOOT.
DESIGN SLOPE OF CRICKETS SHALL BE A MINIMUM OF 1/2 INCH PER FOOT.
STARTING THICKNESS OF INSULATION SHALL BE AS REQUIRED TO ACHIEVE A MINIMUM AVERAGE R VALUE OF 20 BASED ON THE PUBLISHED THERMAL VALUES OF THE INSULATION MANUFACTURER. (ASSUME AN R-VALUE OF .28 FOR THE SILICONIZED GYPSUM OVERLAY.)
SUMPS AROUND DRAINS MAY UTILIZE TAPERED PERLITE EDGE STRIP INSULATION.
(SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION)
4. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ROOFTOP EQUIPMENT NOT SHOWN HERE.

FAN
DENOTES EXISTING FAN TO BE REMOVED UNLESS NOTED OTHERWISE ON MECHANICAL ROOF PLAN



B EXISTING ROOF PLAN - CONTINUED
A1.3 1/16"=1'-0"

