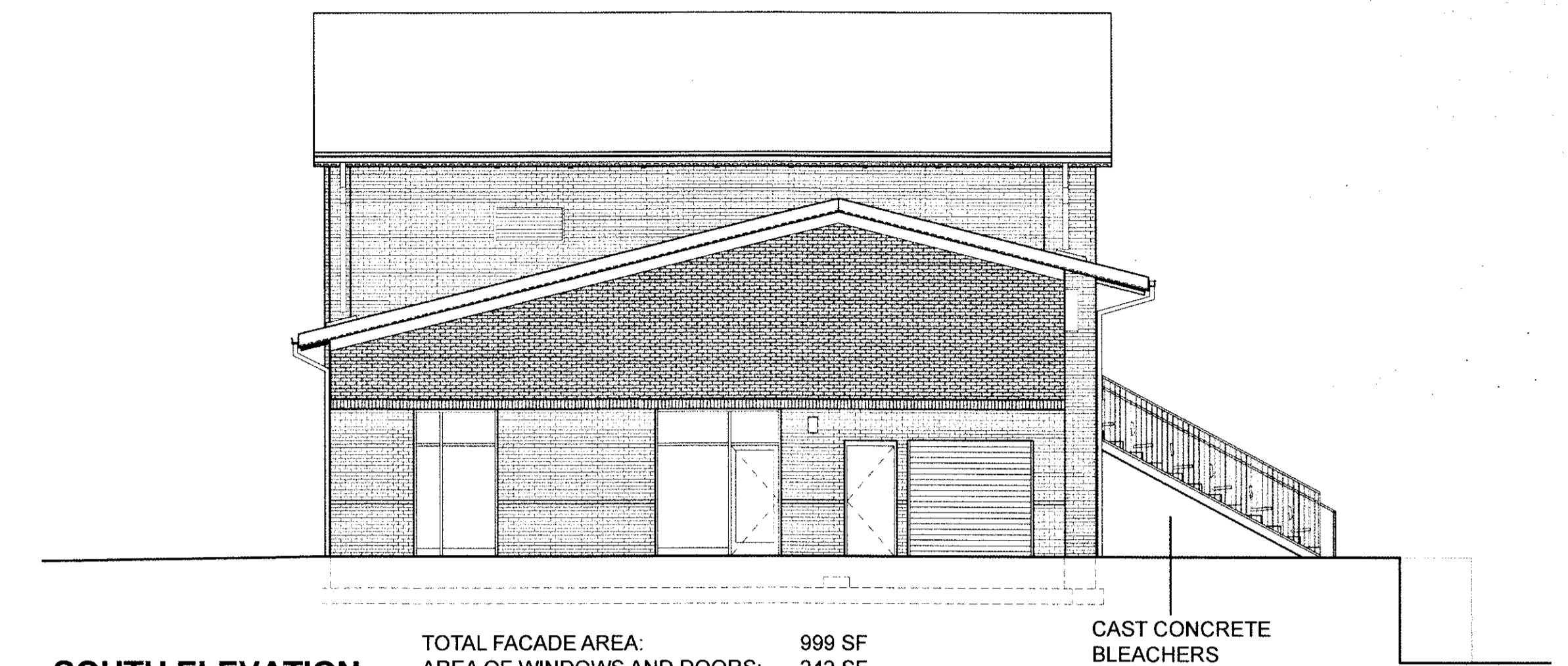


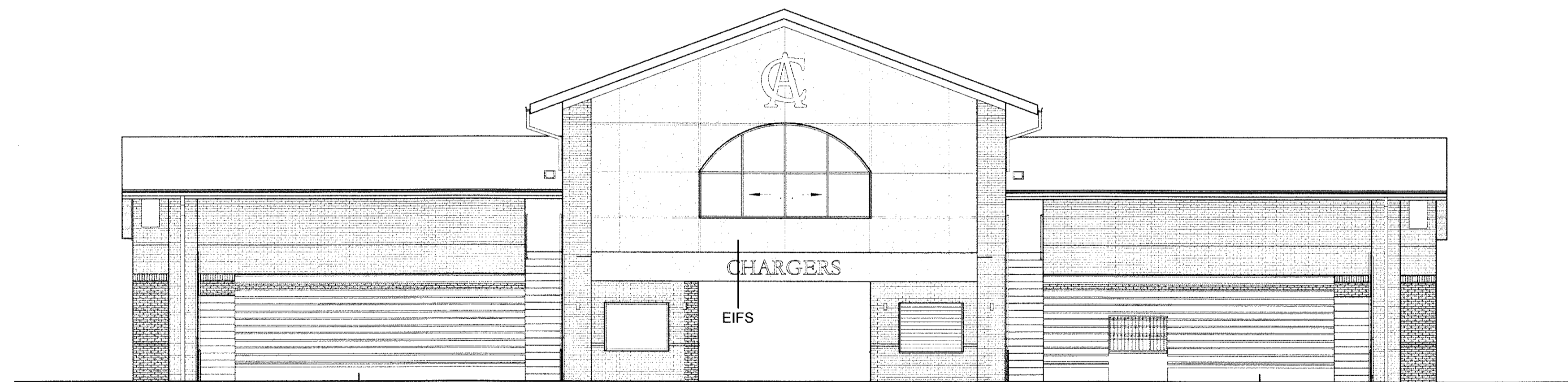
WEST ELEVATION

TOTAL FACADE AREA: 2,156 SF
 AREA OF WINDOWS AND DOORS: 196 SF
 TOTAL FACADE AREA FOR MATERIALS CALCULATIONS: 1,960 SF
 AREA OF EIFS WALL SYSTEM: 43 SF
 REQUIRED MASONRY MATERIALS: 75% OF FACADE AREA
 PROPOSED MASONRY MATERIALS: 98% OF FACADE AREA



SOUTH ELEVATION

TOTAL FACADE AREA: 999 SF
 AREA OF WINDOWS AND DOORS: 242 SF
 TOTAL FACADE AREA FOR MATERIALS CALCULATIONS: 757 SF
 REQUIRED MASONRY MATERIALS: 75% OF FACADE AREA
 PROPOSED MASONRY MATERIALS: 100% OF FACADE AREA



EAST ELEVATION

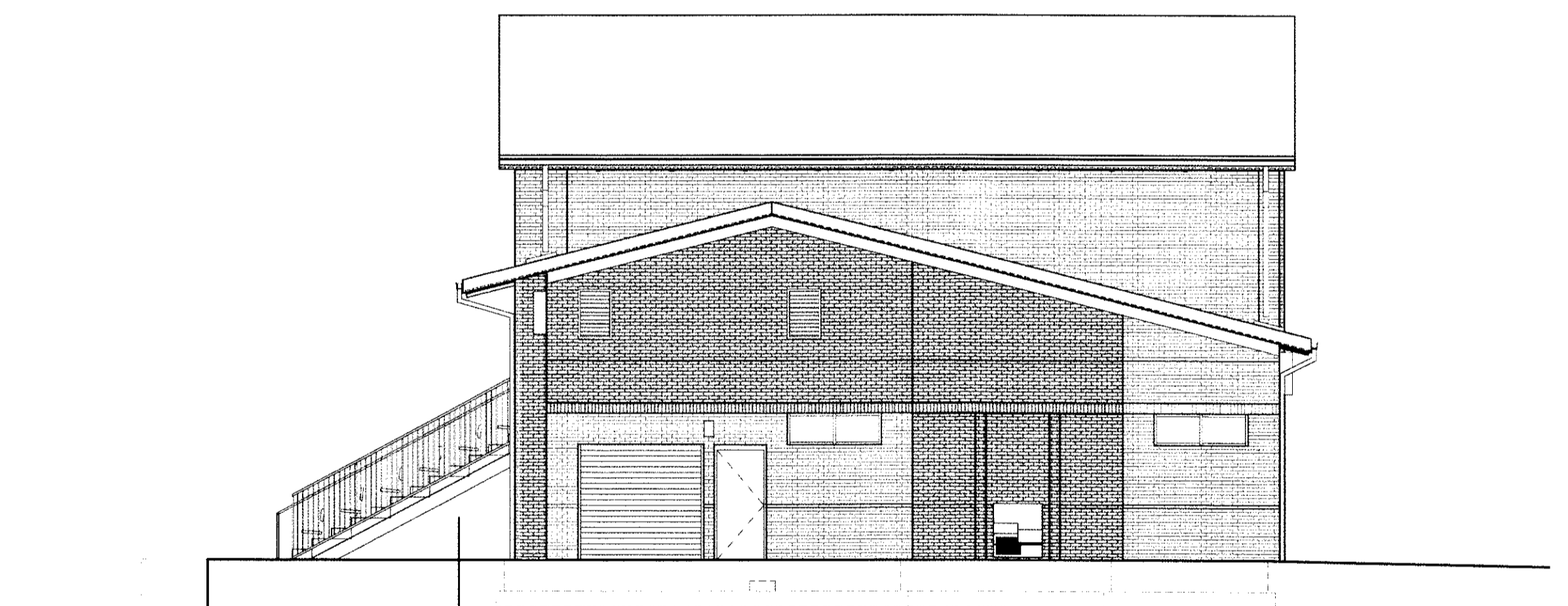
CAST CONCRETE BLEACHERS AND STEPS

TOTAL FACADE AREA: 2,518 SF
 AREA OF WINDOWS AND DOORS: 173 SF
 TOTAL FACADE AREA FOR MATERIALS CALCULATIONS: 2,345 SF
 AREA OF EIFS WALL SYSTEM: 632 SF
 REQUIRED MASONRY MATERIALS: 75% OF FACADE AREA
 PROPOSED MASONRY MATERIALS: 73% OF FACADE AREA **

CAST CONCRETE BLEACHERS AND STEPS

** MULTIPLE ELEVATION STUDIES WERE COMPLETED DURING DESIGN TO DETERMINE THE APPROPRIATE BALANCE OF EIFS WALL SYSTEM TO BRICK ON THIS ELEVATION. THE HEIGHT OF THE EIFS ON THE WALL ADDS LIGHTNESS TO THIS ELEVATION WHILE THE BRICK BELOW KEEPS IT GROUNDED AT THE SIDEWALK. THIS APPROACH IS REFLECTIVE OF THE DETAILING OF THE EXISTING BUILDING NEAREST TO THE LOCATION OF THE FIELD HOUSE ON CAMPUS.

THE USE OF EIFS HERE EMULATES THE EXISTING GFRC PANEL SYSTEM ON THE EXISTING BUILDINGS. THE OWNER REQUESTED TO NOT USE THE GFRC PANELS ON THIS BUILDING DUE TO THEIR ON-GOING MAINTENANCE ISSUES WITH THAT MATERIAL.



NORTH ELEVATION

CAST CONCRETE BLEACHERS

TOTAL FACADE AREA: 999 SF
 AREA OF WINDOWS AND DOORS: 146 SF
 TOTAL FACADE AREA FOR MATERIALS CALCULATIONS: 853 SF
 REQUIRED MASONRY MATERIALS: 75% OF FACADE AREA
 PROPOSED MASONRY MATERIALS: 100% OF FACADE AREA

MATERIALS OVERLAY

BRICK IS THE PREDOMINANT BUILDING MATERIAL. ALL OTHER BUILDINGS AT CARY ACADEMY ARE BRICK AND THE BRICK FOR THE NEW FIELD HOUSE WAS SELECTED TO MATCH THE EXISTING BUILDINGS.

ACCENT MATERIALS ARE ALSO USED ON THE EXISTING CAMPUS BUILDINGS, OCCURRING MAINLY AT THE TRIANGULAR PEDIMENTS IN THE CENTER OF THE BUILDING ELEVATIONS AND BEING A LIGHTER COLOR THAN THE BRICK. EIFS IS USED ON THE FIELD HOUSE IN A SIMILAR WAY TO THE USE OF THE GFRC PANEL SYSTEM ON THE EXISTING BUILDINGS, ACCENTING THE CENTER VOLUME OF THE BUILDING.

EIFS IS LIMITED MAINLY TO THE EAST ELEVATION FOLLOWING THE TRACK AND FIELD. EIFS APPEARS VISUALLY LESS HEAVY THAN MASONRY SO IT IS ONLY USED ON THE UPPER PART OF THE CENTER PORTION OF THE BUILDING. THE FIELD HOUSE IS ELEVATED ABOVE THE TRACK AND FIELD, SO CREATING A SENSE OF LIGHTNESS OF THE CENTER BUILDING VOLUME KEEPS ITS APPEARANCE FROM LOOMING OVER THE TRACK AND FIELD.

14-SP-013
 HTE#: N/A
 Approved by the Town of Cary
 Development Review Committee
 Planner Vallin Date 8/19/2014

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