

# NORTHWOOD HIGH SCHOOL

SCHEMATIC DESIGN  
Work Session #1  
OCTOBER 1, 2019 - 7:00 PM



# SAMAHA HISTORY



64 Years

We have been in business since **1955**.



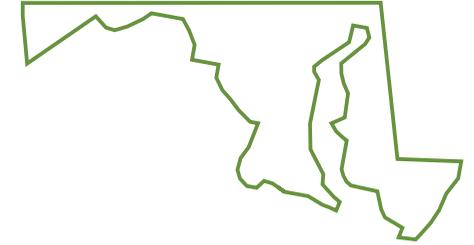
26 Employees

- 8 architects
- 10 LEED APs
- 2 interior designers
- 2 licensed accessibility inspectors/plans examiners
- 9 production staff
- 1 Educational Facility Planner
- 1 CPTED Certified Professional



200+ School Projects  
25+ High Schools

\$1 Billion in K-12 Construction



30+ Yrs with MCPS

We have worked extensively with the IAC and PSCP.  
30+ MCPS Projects.



# SAMAHA HISTORY



- 30+ SCHOOLS IN MARYLAND
- 25+ HIGH SCHOOL PROJECTS

- 21+ PROJECTS FOR MCPS

## Educational Experience

### CHILD DEVELOPMENT CENTERS

ACAP: HEAD START  
ARLINGTON SERVICE CENTER  
BOLLING AIR FORCE BASE  
FORT MEADE  
FORT MYER  
GOOD BEGINNINGS  
INDIAN HEAD  
LORD OF LIFE PRESCHOOL  
NAVEL SECURITY STATION  
NNMC BETHESDA  
PATUXENT RIVER, ADDITIONS  
QUANTICO  
ST. GEORGES DAYCARE  
SYDENSTRICKER DAYCARE  
TEDDY BEAR DAYCARE  
WALTER REED NATIONAL  
MILITARY MEDICAL CENTER

### SPECIAL EDUCATION

**BRIDGE PROGRAM**  
DAVIS CAREER CENTER  
INDEPENDENCE SCHOOL  
KILMER CENTER  
**ROCK TERRACE SCHOOL**

### ELEMENTARY SCHOOLS

ALEXANDRIA COUNTRY DAY  
ARLINGTON  
ARTHUR MIDDLETON  
BAILEY'S CROSSROADS  
BALDWIN  
BARRETT  
**BURTONSVILLE**  
CATOCTIN  
CRESTWOOD  
CUNNINGHAM PARK  
DANIELS RUN  
DR. GUSTAVUS BROWN  
EVA TURNER  
FAIRFAX/OAKTON SCHOOL  
FORESTVILLE  
FORT BELVOIR  
GEORGE C. ROUND  
GREAT FALLS  
HAYDON  
INDIAN HEAD  
**JACKSON ROAD**  
JAMESTOWN  
JENNIE DEAN  
MEDFIELD HEIGHTS  
MILL RUN  
MOUNT DANIEL  
NORTHWEST COUNTY  
NOTTINGHAM  
TUCKAHOE  
VIRGINIA HILLS  
WEYANOKE

### MIDDLE SCHOOLS

AUBURN  
**CABIN JOHN**  
CALVIN RODWELL (K-8)  
CONGRESSIONAL (K-8)  
CROSS COUNTRY (K-8)  
ELKRIDGE LANDING  
FRANKLIN  
JOHN RUHRAH (K-8)  
KILMER  
LIBERTY  
MACFARLAND  
MAYFIELD WOODS  
METZ  
**NORTH BETHESDA**  
NYSMITH SCHOOL (K-8)  
ORMOND STONE  
PIMLICO (K-8)  
RACHEL CARSON  
**SILVER CREEK**  
**TILDEN**  
WARRENTON  
WASHINGTON IRVING  
WESTMINSTER(K-8)

### HIGH SCHOOLS

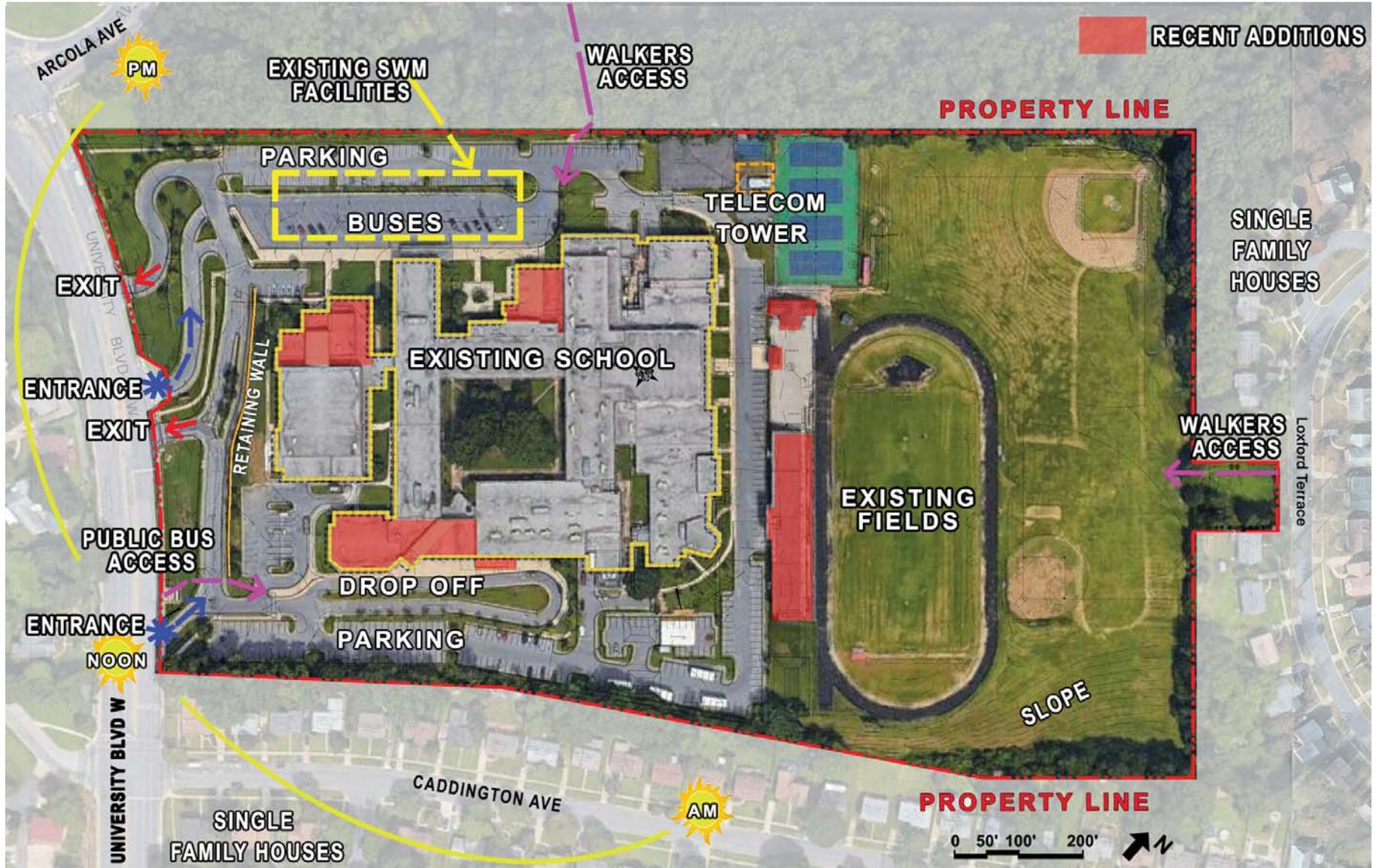
ANNANDALE  
BROAD RUN  
CHANTILLY  
DULANEY  
FAUQUIER  
FREEDOM  
**GAITHERSBURG**  
GEORGE C. MARSHALL  
HAYFIELD SECONDARY  
HENRY E. LACKEY  
HERITAGE  
JOHN CHAMPE  
LAKE BRADDOCK SECONDARY  
LEE  
LOUDOUN COUNTY  
LOUDOUN VALLEY  
MOUNT VERNON  
**NORTHWEST**  
**NORTHWOOD**  
OSBOURNE  
POTOMAC (K-12)  
RIVERSIDE  
**SHERWOOD**  
STONE BRIDGE  
THOMAS STONE  
**THOMAS WOOTTON**  
TUSCARORA  
WALKFIELD (K-12)  
**WALTER JOHNSON**  
**WATKINS MILL WELLNESS**  
WOODGROVE

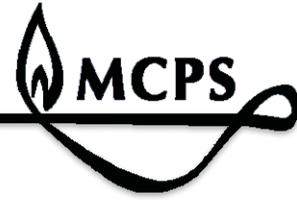
**PROJECTS LOCATED IN MONTGOMERY COUNTY**

## **SCHEDULE**

<b>JUNE 17, 2019</b>	<b>MEETING WITH TEACHERS AND STAFF</b>
<b>OCTOBER 1, 2019</b>	<b>7PM WORK SESSION #1</b>
<b>OCTOBER 22, 2019</b>	<b>2:30PM WORK SESSION #2</b>
<b>NOVEMBER 12, 2019</b>	<b>7PM WORK SESSION #3</b>
<b>JUNE 2019 - NOV 2019</b>	<b>SCHEMATIC DESIGN</b>
<b>NOV 2019 - MAY 2020</b>	<b>DESIGN DEVELOPMENT</b>
<b>JUNE 2020 - DEC 2020</b>	<b>CONSTRUCTION DOCUMENTS</b>
<b>JAN 2021 - JAN 2022</b>	<b>BUILDING PERMITS</b>
<b>FEB 2023 - MAR 2023</b>	<b>BIDDING</b>
<b>JUNE 2023 - JULY 2025</b>	<b>CONSTRUCTION</b>
<b>SEPTEMBER 2025</b>	<b>NEW SCHOOL OPENS</b>

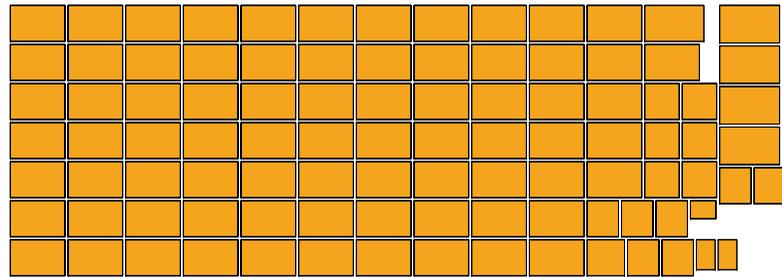
# EXISTING SITE ANALYSIS



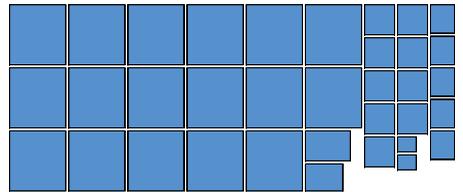
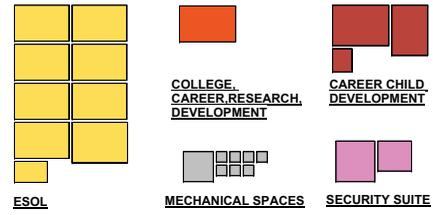
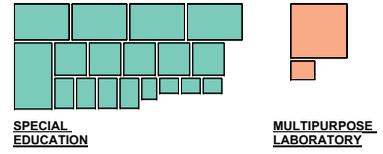
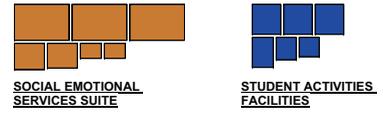


# PROGRAM

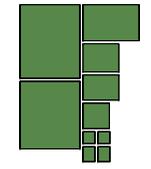
- STANDARD SPACES
- SPECIAL EDUCATION
- ESOL
- COLLEGE, CAREER, RESEARCH, DEVELOPMENT
- CAREER CHILD DEVELOPMENT
- SCIENCE
- TECHNOLOGY EDUCATION
- MULTIPURPOSE LABORATORY
- ART SUITE
- MUSIC SUITE
- PHYSICAL EDUCATION/ATHLETICS
- WELLNESS CENTER
- LIBRARY MEDIA CENTER
- AUDITORIUM
- STUDENT ACTIVITIES FACILITIES
- EMOTIONAL DISABILITIES SUITE
- STAFF OFFICES
- ADMINISTRATION SUITE
- COUNSELING SUITE
- STAFF FACILITIES
- FOOD SERVICES FACILITIES
- SECURITY SUITE
- BUILDING SERVICES FACILITIES
- MECHANICAL SPACES



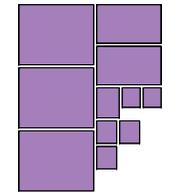
STANDARD SPACES



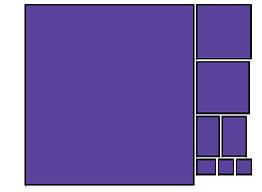
SCIENCE



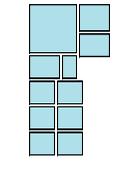
MUSIC SUITE



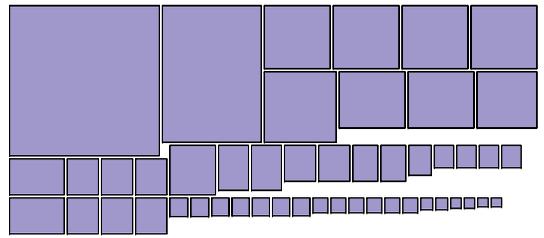
TECHNOLOGY EDUCATION



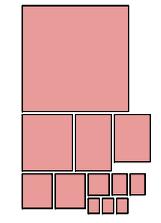
FOOD SERVICES FACILITIES



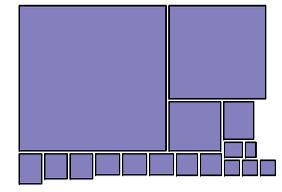
BUILDING SERVICES FACILITIES



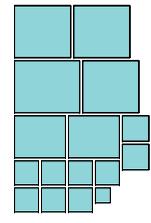
PHYSICAL EDUCATION /ATHLETICS



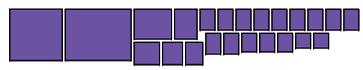
LIBRARY MEDIA CENTER



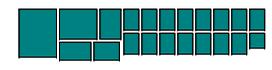
AUDITORIUM



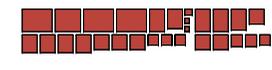
ART SUITE



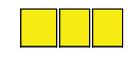
ADMINISTRATION SUITE



COUNSELING SUITE



WELLNESS CENTER



STAFF FACILITIES



STAFF OFFICES

## ACADEMY PROGRAMS AT NORTHWOOD

Montgomery College  
Middle College at  
Northwood

The Academy of Music,  
Theatre, and Dance

The Academy of Politics,  
Advocacy, and Law

The Academy of  
Technological,  
Environmental, and  
Systems Sciences

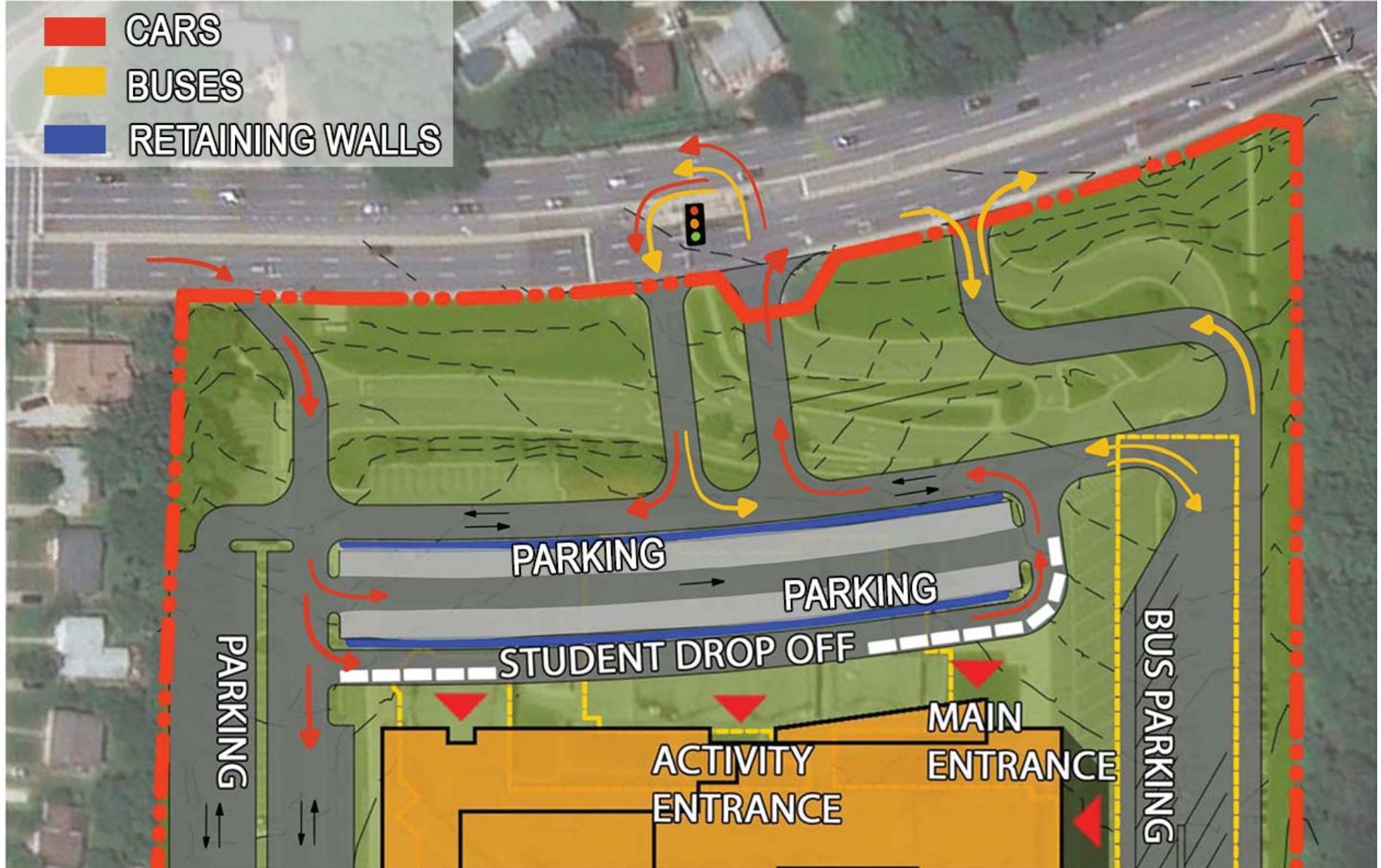
The Humanities, Art, and  
Media Academy

The Academy of Finance,  
Accounting, Marketing,  
and Education

# PROPOSED SITE OPTION 1



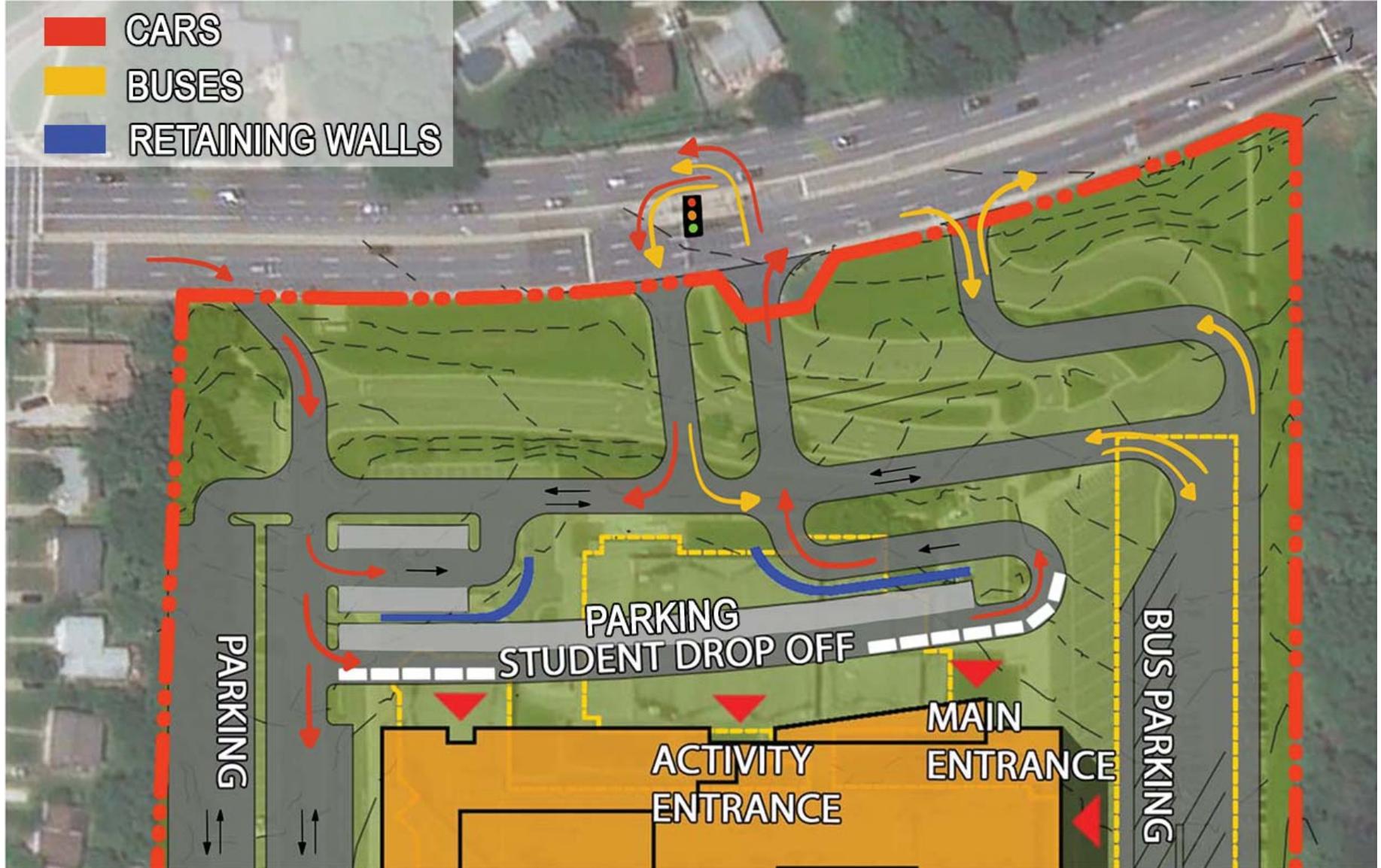
# PROPOSED SITE ENLARGED - OPTION 1



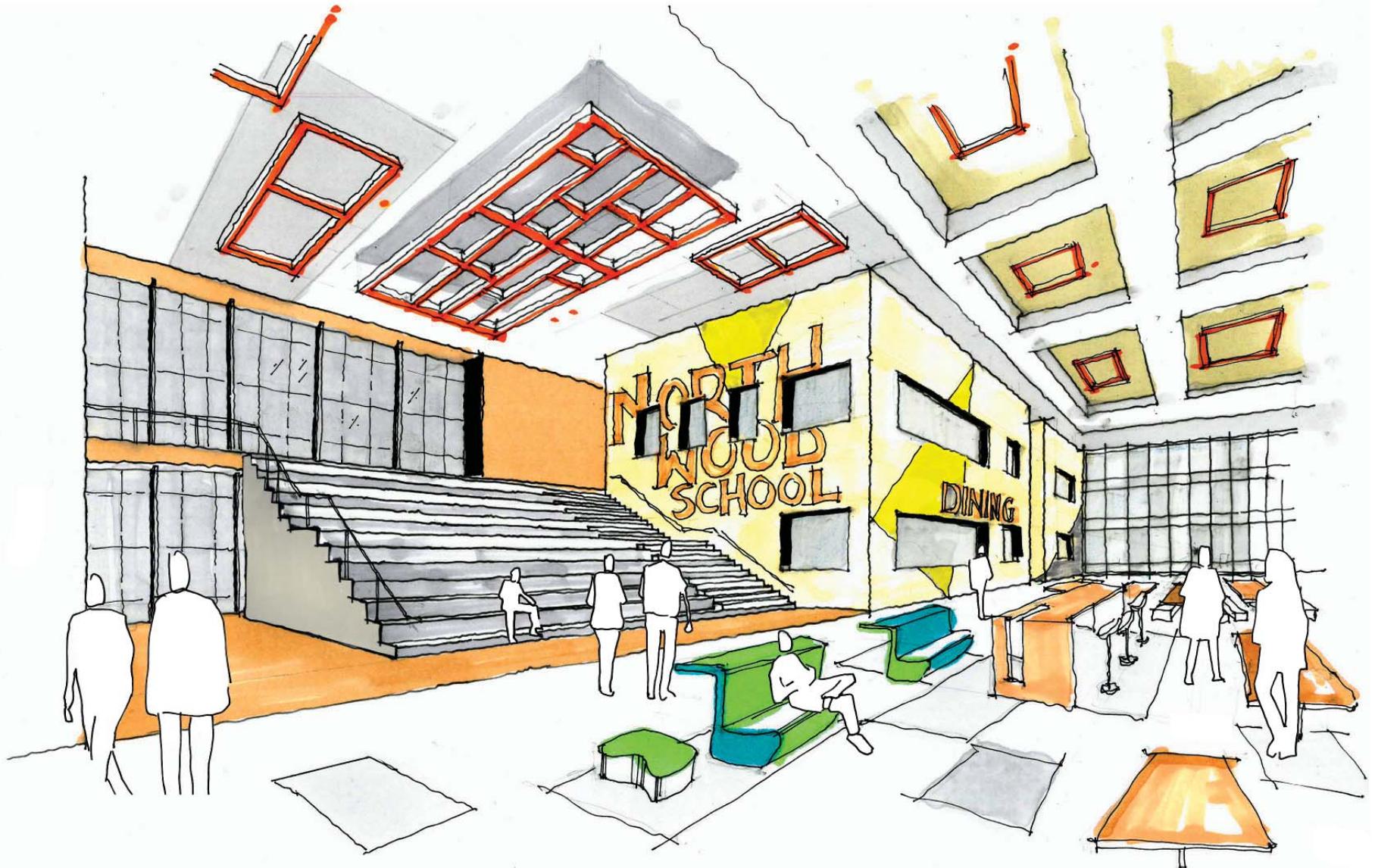
# PROPOSED SITE OPTION 2



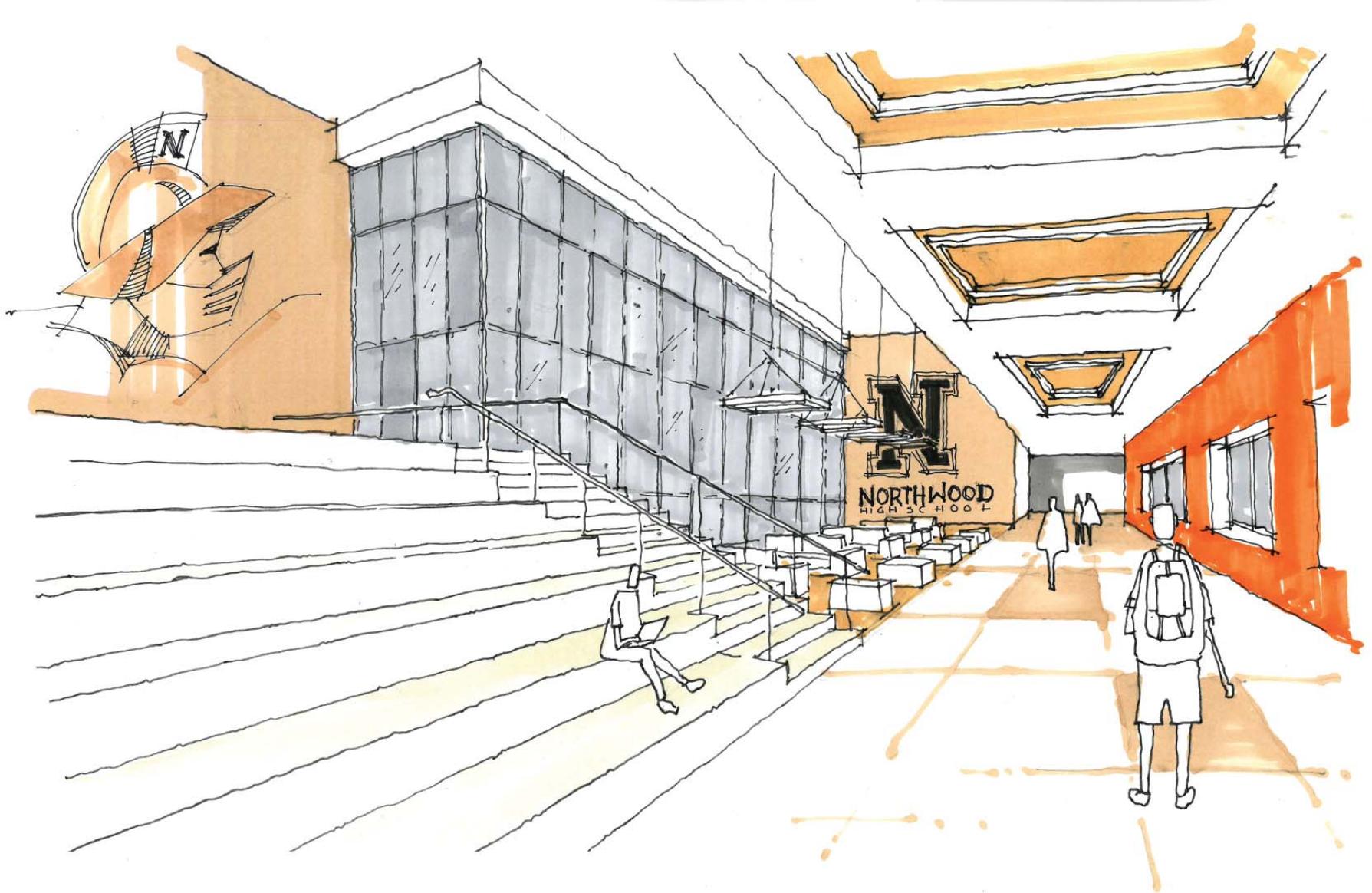
# PROPOSED SITE ENLARGED- OPTION 2



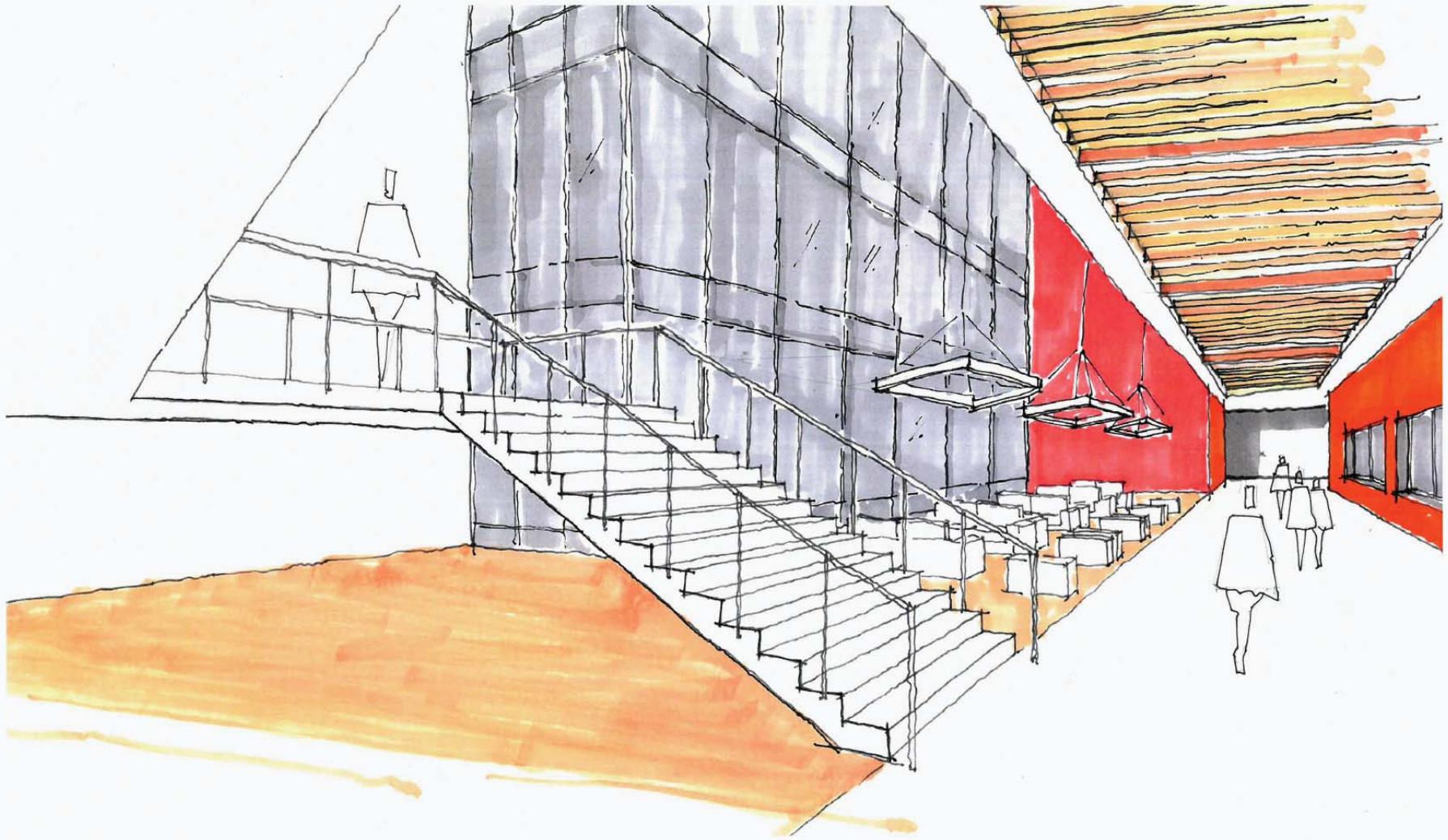
# INTERIOR SKETCHES



# INTERIOR SKETCHES



# INTERIOR SKETCHES



# QUESTIONS?

