

Rutherford County Judicial Center

DRC Meeting 04.01.2015

AGENDA

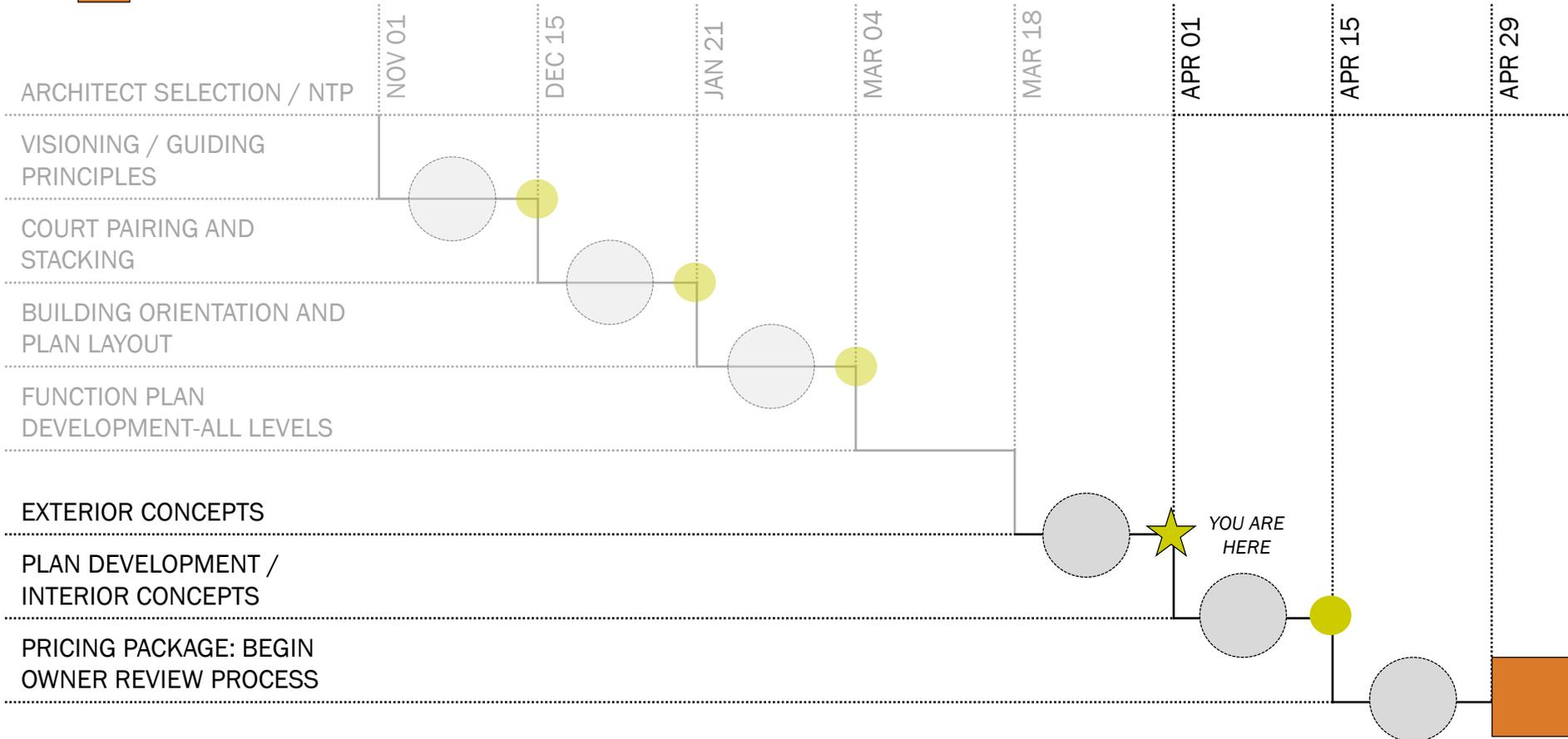
1. Overview of SD schedule and milestone decisions
2. Review Exterior design strategy
3. Questions and Discussion
4. Overview of “Next Steps”

OBJECTIVES

1. *Gain consensus on schematic building design*

Schematic Design Schedule

-  Work/Research Periods
-  Monthly DRC Meetings
-  End of Phase Review



GUIDING PRINCIPLES

The Rutherford County Judicial Center will...

- 01** ...follow approved planning strategies outlined in the programming document to achieve functional, efficient building design.
- 02** ...provide a safe facility for visitors and employees
- 03** ...be completed on time and constructed within the budget
- 04** ...be designed for sustainability in respect to resource management, building performance (energy efficiency), life cycle cost, maintenance and longevity
- 05** ...provide a positive experience for visitors
- 06** ...respect the historic context and existing character of downtown Murfreesboro
- 07** ...have a positive impact on the streetscape and adjacent neighborhood, contributing to the growth and vibrancy of downtown Murfreesboro
- 08** ...provide a positive work environment for employees
- 09** ...incorporate state of the art technology and be designed to accommodate future advancements
- 10** ...have a strong civic presence and convey a sense of justice and confidence in government

EVALUATION CRITERIA

- 01** FUNCTIONAL EFFICIENCY
- 02** SAFETY
- 03** COST EFFICIENCY
- 04** OPERATIONAL EFFICIENCY
- 05** VISITOR EXPERIENCE
- 06** RELATIONSHIP TO CONTEXT
- 07** NEIGHBORHOOD IMPACT
- 08** WORK ENVIRONMENT
- 09** TECHNOLOGY
- 10** CIVIC PRESENCE

RELATIONSHIP TO CONTEXT



RELATIONSHIP TO CONTEXT



BRICK AS MASS OF BUILDING

- BRICK IS PRIMARY MATERIAL USED MOST OFTEN TO DEFINE THE MASS OF THE BUILDING
- BRICK IS MOST OFTEN RED OR BROWN

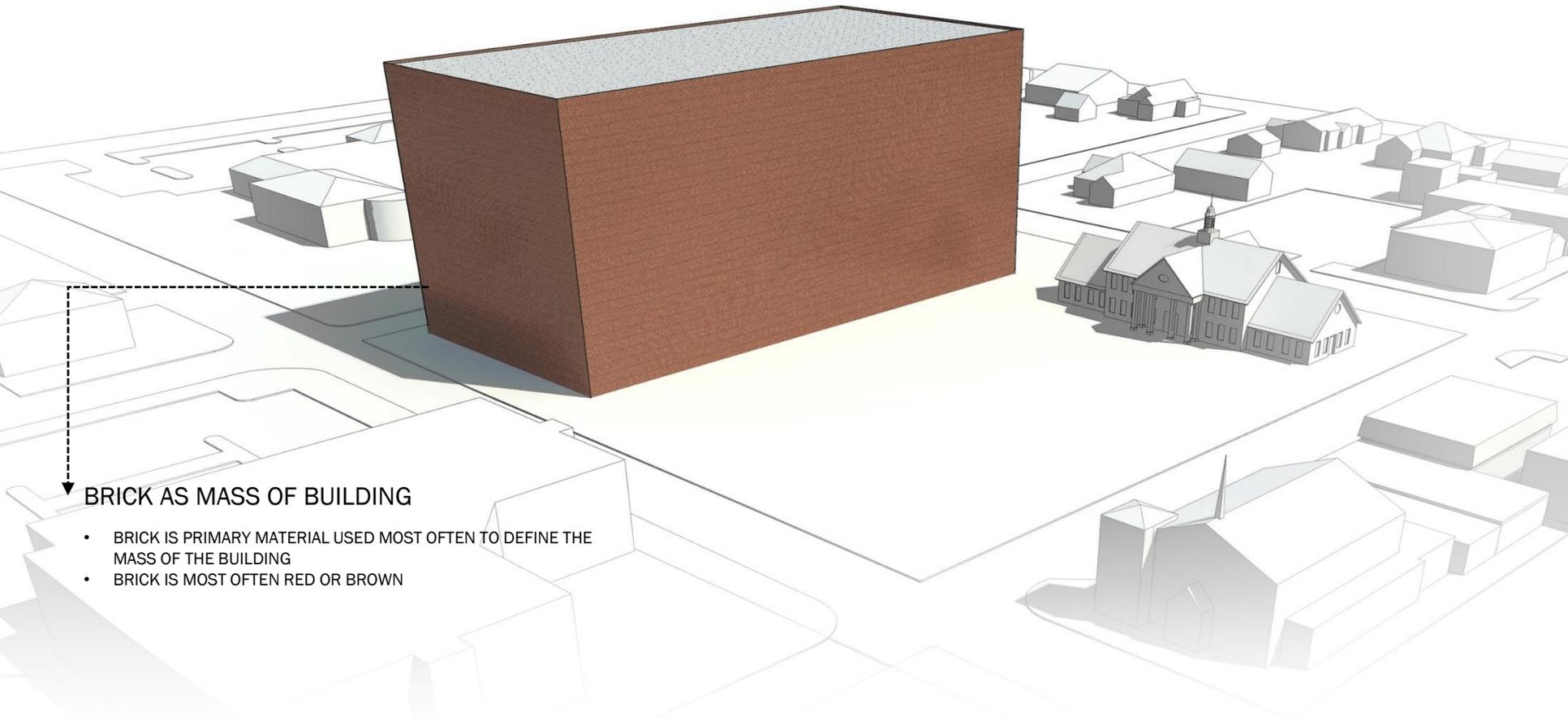
RELATIONSHIP TO CONTEXT

ADDITIONAL LOCAL PRECEDENTS



RELATIONSHIP TO CONTEXT

NEW JUDICIAL CENTER



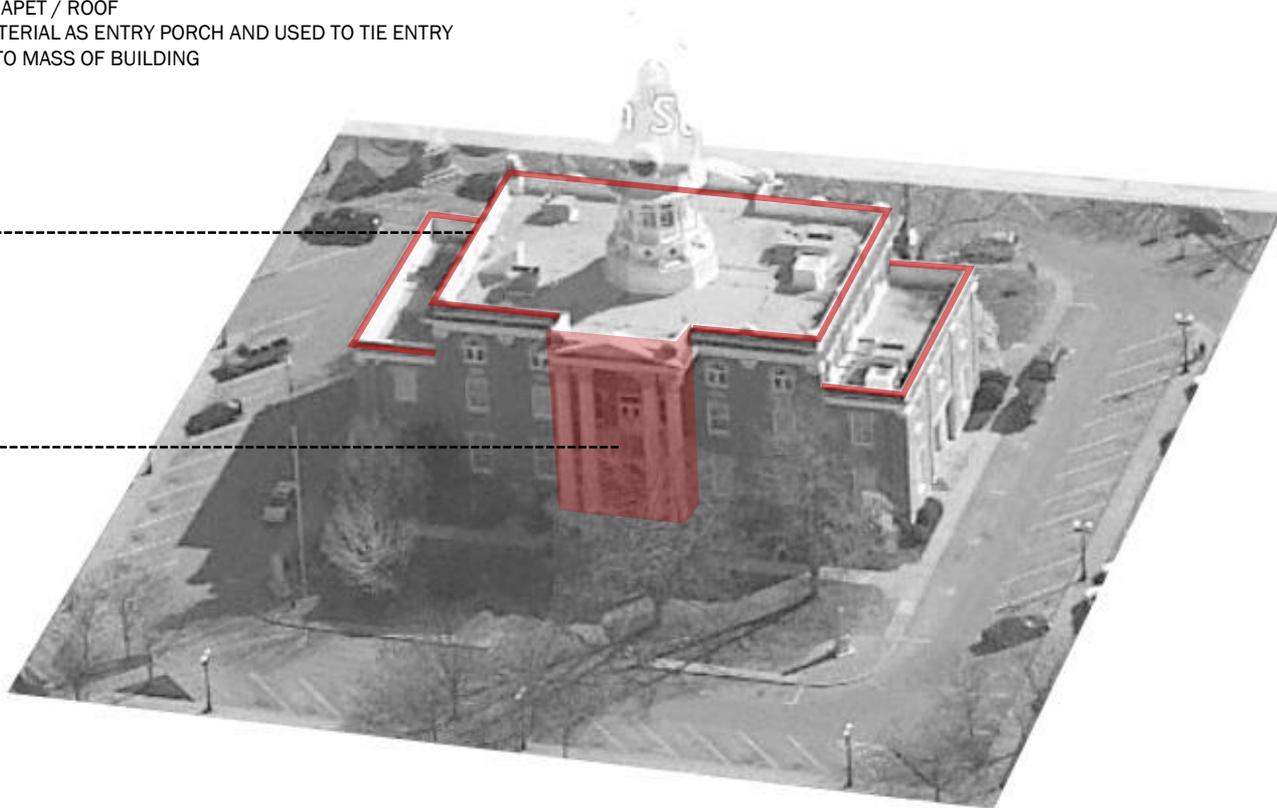
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RELATIONSHIP TO CONTEXT

▲ THE CORNICE

- ELEMENT AT PARAPET / ROOF
- OFTEN SAME MATERIAL AS ENTRY PORCH AND USED TO TIE ENTRY ELEMENT BACK TO MASS OF BUILDING



▼ THE PORCH / ENTRY ELEMENT

- EMPHASIS AT THE ENTRY / FRONT OF BUILDING
- TREATMENT ADDITIVE TO THE MASS OF BUILDING, USUALLY WITH CONTRASTING MATERIAL – STONE, WOOD OR PLASTER, OFTEN WHITE
- PROVIDES COVERAGE AT ENTRY

RELATIONSHIP TO CONTEXT

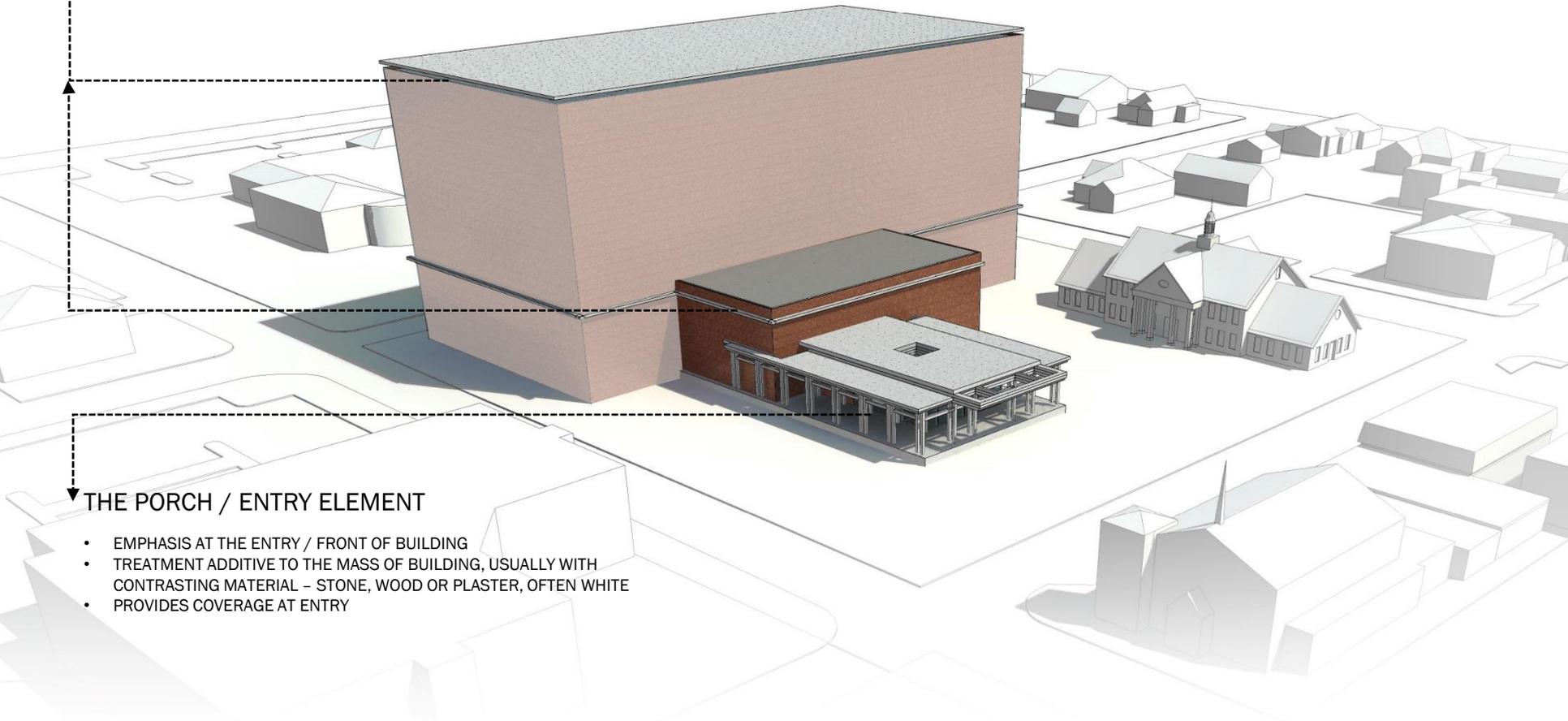
ADDITIONAL LOCAL PRECEDENTS



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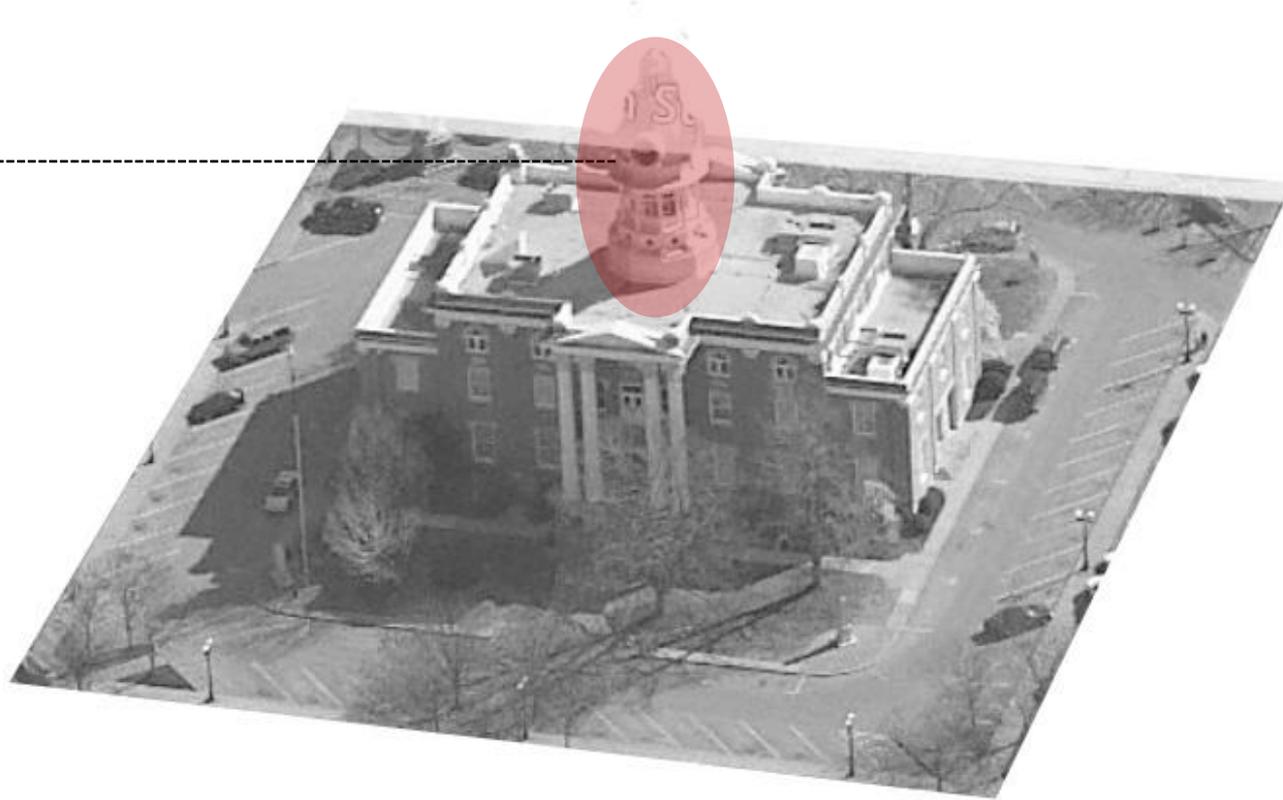
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- PROVIDES COVERAGE AT ENTRY

RELATIONSHIP TO CONTEXT



RELATIONSHIP TO CONTEXT



THE CUPOLA

- ICONIC ELEMENT ASSOCIATED WITH THE PHYSICAL TOWN CENTER AS WELL AS THE SYMBOLIC IDENTITY OF DOWNTOWN MURFREESBORO

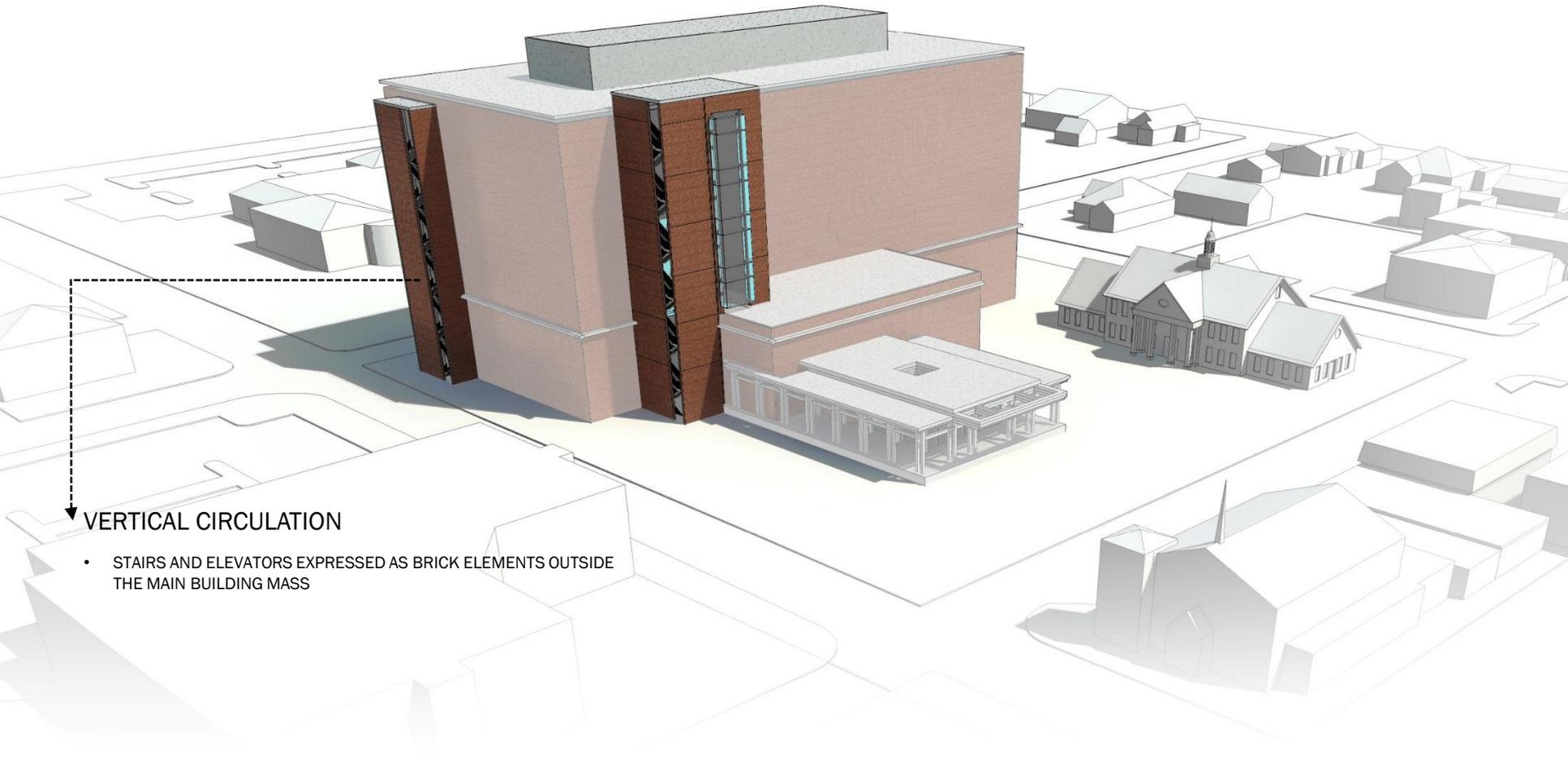
RELATIONSHIP TO CONTEXT



THE CUPOLA

- ENTRY AND CUPOLA ACT AS SINGULAR ELEMENT FROM TOP OF SPIRE TO GROUND
- EMPHASIZES AXIS OF SURROUNDING CONTEXT
- CUPOLA IS A MARKER FROM A DISTANCE, EMPHASIZING THE IMPORTANCE OF BUILDING WITHIN THE CITYSCAPE

RELATIONSHIP TO CONTEXT



VERTICAL CIRCULATION

- STAIRS AND ELEVATORS EXPRESSED AS BRICK ELEMENTS OUTSIDE THE MAIN BUILDING MASS

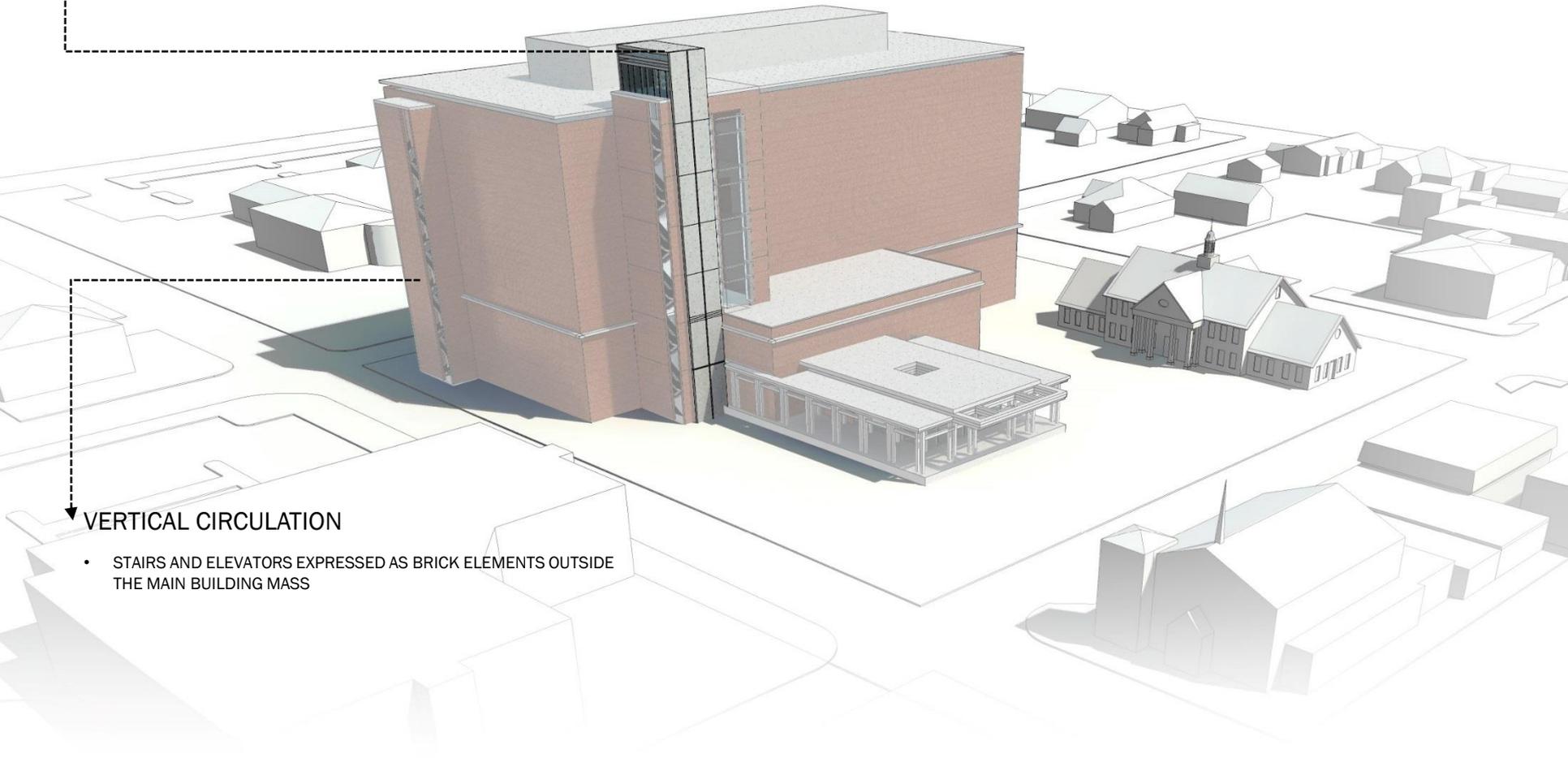
RELATIONSHIP TO CONTEXT

THE CUPOLA

- STAIR EXTENDS ABOVE ROOF FOR FUNCTIONAL REASONS
- PAYS HOMAGE TO THE CUPOLA AND ACTS AS MARKER FOR THE NEW JUDICIAL CENTER

VERTICAL CIRCULATION

- STAIRS AND ELEVATORS EXPRESSED AS BRICK ELEMENTS OUTSIDE THE MAIN BUILDING MASS



RELATIONSHIP TO CONTEXT



NEIGHBORHOOD IMPACT



NEIGHBORHOOD IMPACT



NEIGHBORHOOD IMPACT



NEIGHBORHOOD IMPACT



MAPLE STREET FRONTAGE

NEIGHBORHOOD IMPACT



CONSISTENT BUILDING HEIGHTS

- TYPICALLY 2 STORIES
- SLIGHT VARIATIONS, BUT GENERALLY CONSISTENT BUILDING HEIGHTS AT STREET

NEIGHBORHOOD IMPACT



REPETITIVE BAYS

- APPROXIMATELY 21'-25' WIDE STOREFRONT MODULE
- TYPICALLY ONE TENANT SPACE PER BAY, HOWEVER IN AREAS WHERE A TENANT TAKES UP MORE THAN ONE ADJACENT BAY, THE MODULE IS STILL EXPRESSED ON THE EXTERIOR OF THE BUILDING

NEIGHBORHOOD IMPACT



OPENNESS

- HIGHER GLAZING RATIO AT GROUND LEVEL TO SIGNIFY ENTRY AND PUBLICALLY ORIENTED SPACES
- LOWER GLAZING RATIO AT UPPER STORIES WITH PUNCHED OPENINGS IN SOLID WALL

NEIGHBORHOOD IMPACT



STOREFRONT / ENTRANCE ZONE

- VISIBLE CONNECTION BETWEEN INTERIOR AND EXTERIOR
- STOREFRONT/ENTRANCE ZONE DEFINES EXPERIENCE SCALE
- ENTRANCES TYPICALLY CENTERED WITHIN BAY
- VARIOUS GLAZING/CASEMENT DETAILS ACKNOWLEDGE TRANSOM ZONE
- AWNINGS AND SIGNS OCCUPY TRANSOM ZONE AT RETAIL

NEIGHBORHOOD IMPACT



2ND STORY GLAZING

- PUNCHED OPENINGS AT SECOND LEVEL
- 3 OR 4 WINDOWS WITHIN EACH BAY
- 3 WINDOWS MOST TYPICAL
- VERTICAL PROPORTIONS (EMPHASIS)
- VARIOUS DETAILS/CASEMENTS: RECTANGLE OR ARCH

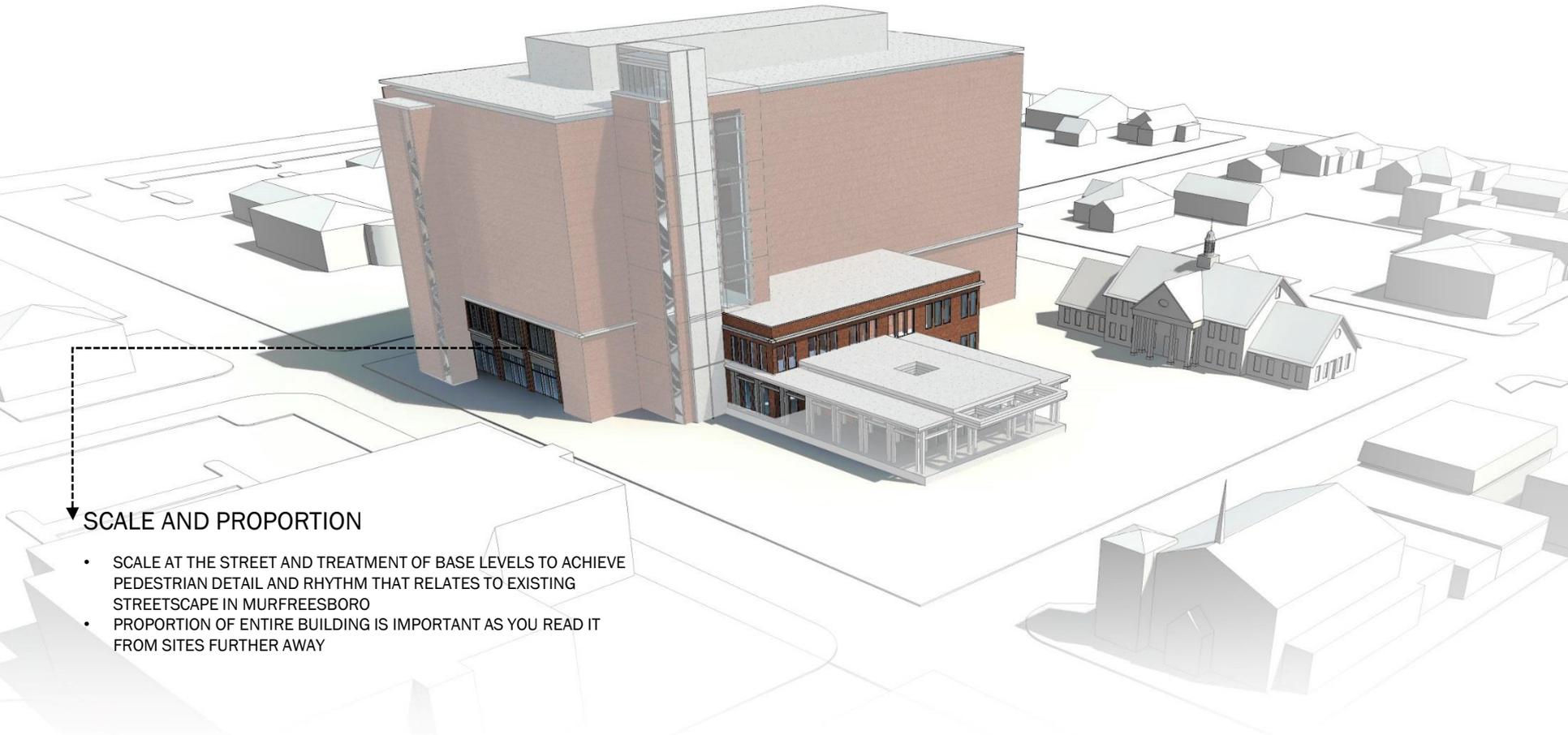
NEIGHBORHOOD IMPACT



CORNICE DATUM

- MOST BUILDINGS ACKNOWLEDGE A CORNICE LINE
- VARIOUS TREATMENTS AND DETAILS

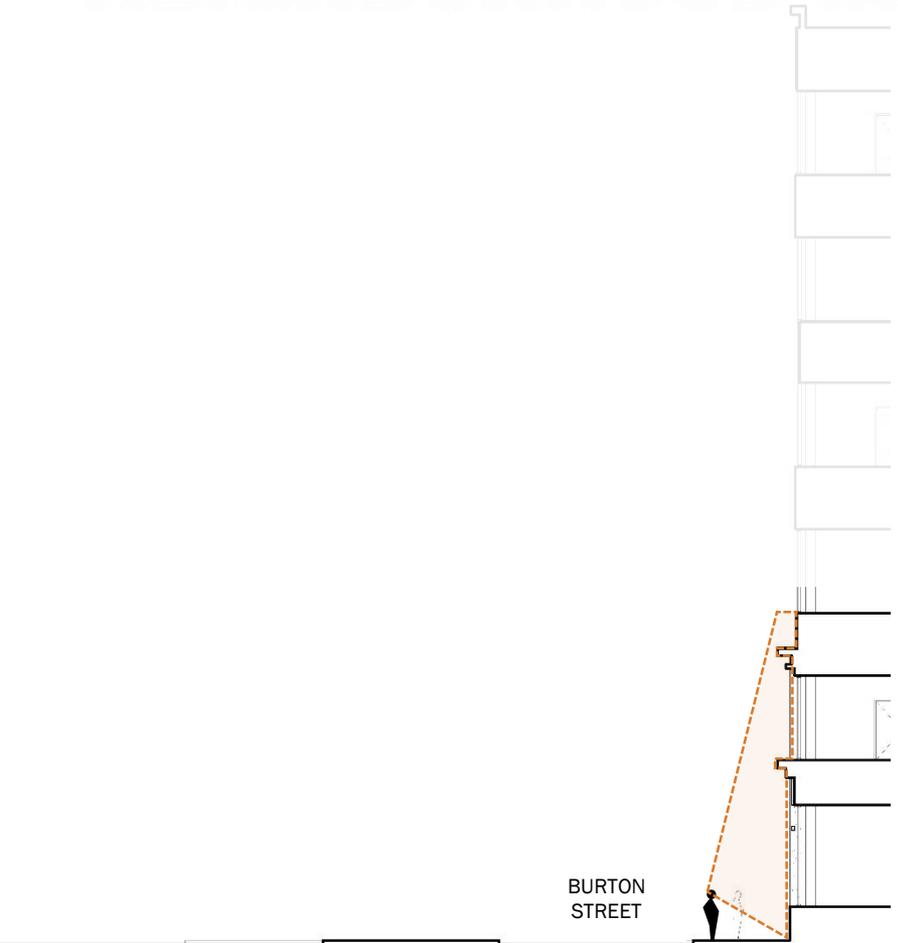
NEIGHBORHOOD IMPACT



SCALE AND PROPORTION

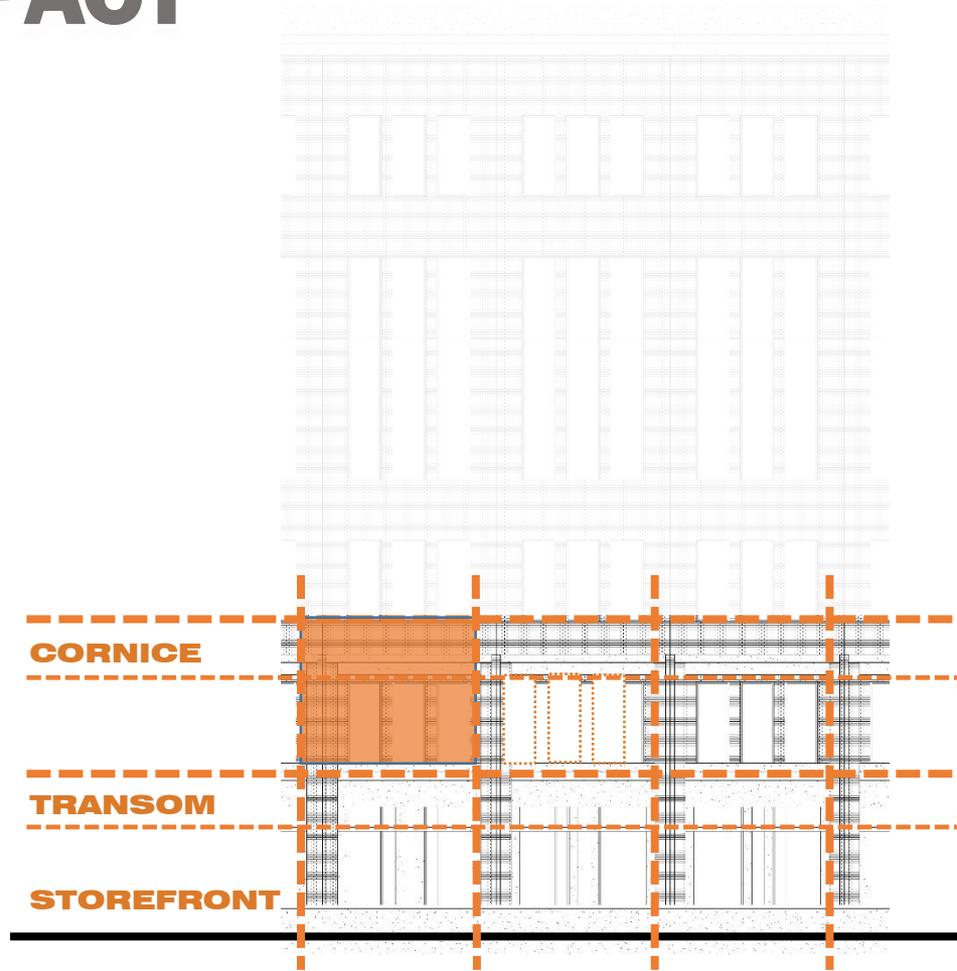
- SCALE AT THE STREET AND TREATMENT OF BASE LEVELS TO ACHIEVE PEDESTRIAN DETAIL AND RHYTHM THAT RELATES TO EXISTING STREETScape IN MURFREESBORO
- PROPORTION OF ENTIRE BUILDING IS IMPORTANT AS YOU READ IT FROM SITES FURTHER AWAY

NEIGHBORHOOD IMPACT



SCALE AT STREET

- TREATMENT OF BASE LEVELS TO ACHIEVE PEDESTRIAN DETAIL AND RHYTHM THAT RELATES TO EXISTING STREETScape IN MURFREESBORO



NEIGHBORHOOD IMPACT



CORNICE

TRANSOM

STOREFRONT

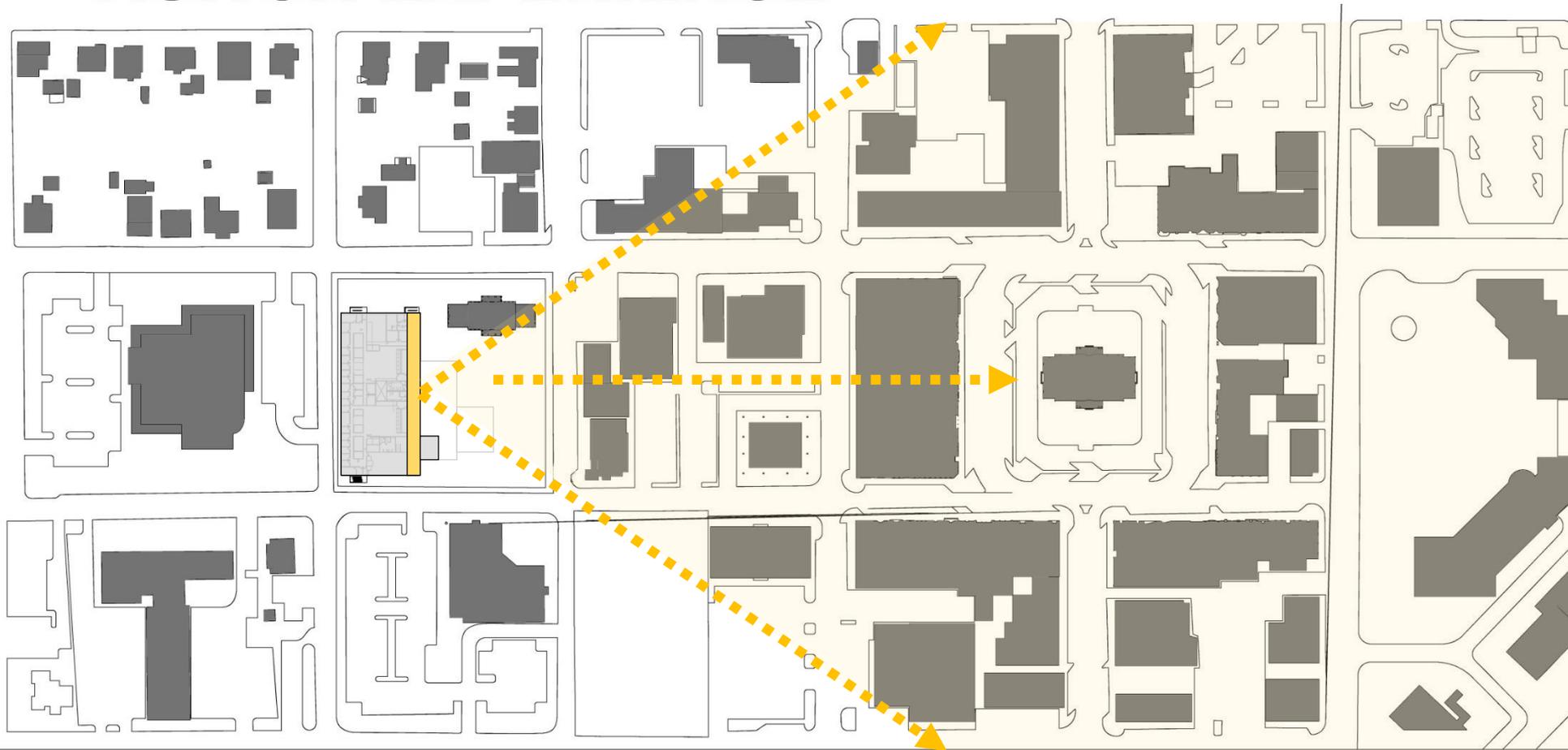
PROPORTION

- THE PROPORTION OF THE ENTIRE BUILDING TAKES CUES FROM THE EXISTING CONTEXT—ELEMENTS THAT RELATE TO THE STREETScape ARE SCALED APPROPRIATELY, ALLOWING THEM TO READ ACROSS THE BUILDING

NEIGHBORHOOD IMPACT



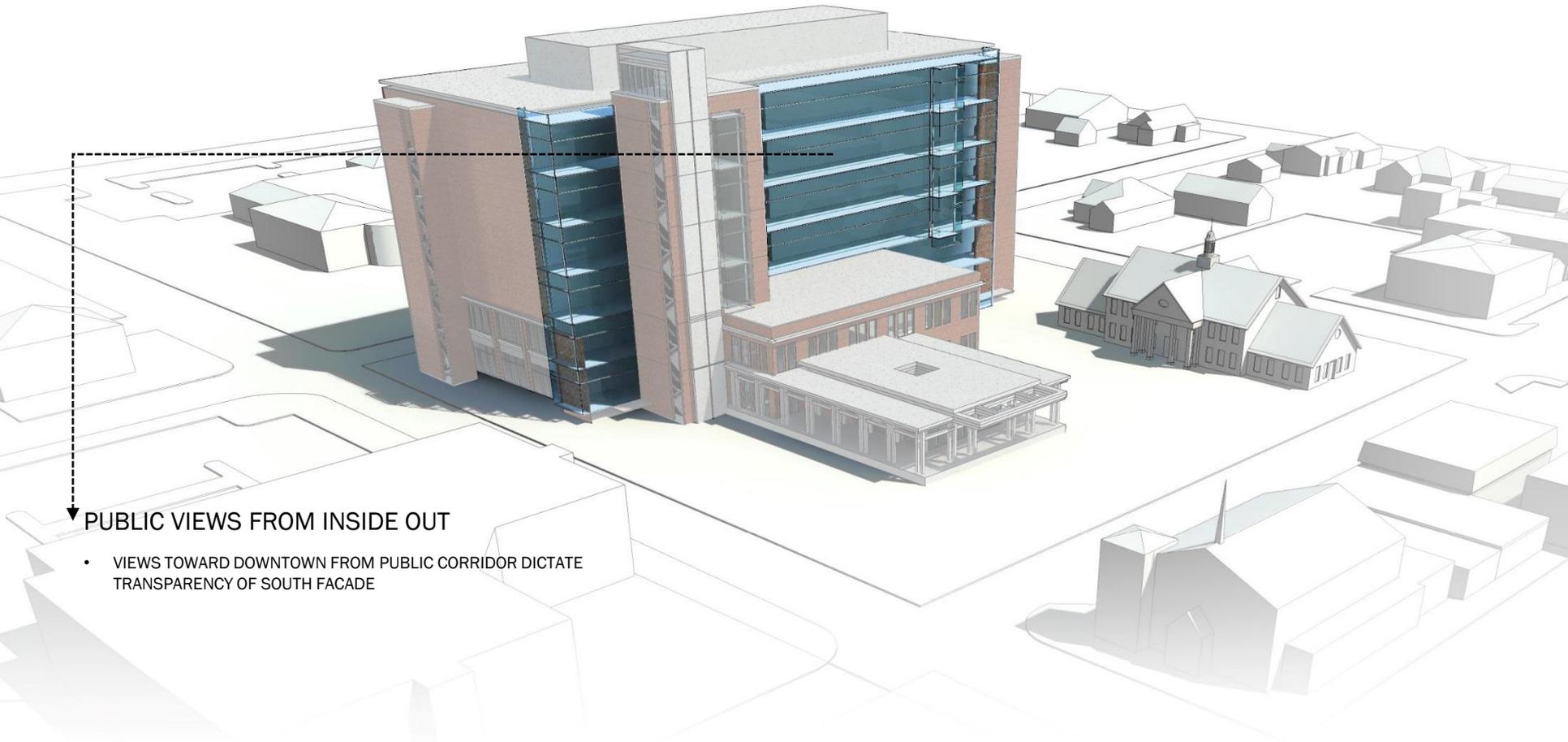
VISITOR EXPERIENCE



VIEWS FROM PUBLIC CORRIDOR

- VIEWS TOWARD DOWNTOWN
- HISTORIC COURTHOUSE WILL BE VISIBLE FROM MOST FLOORS

VISITOR EXPERIENCE



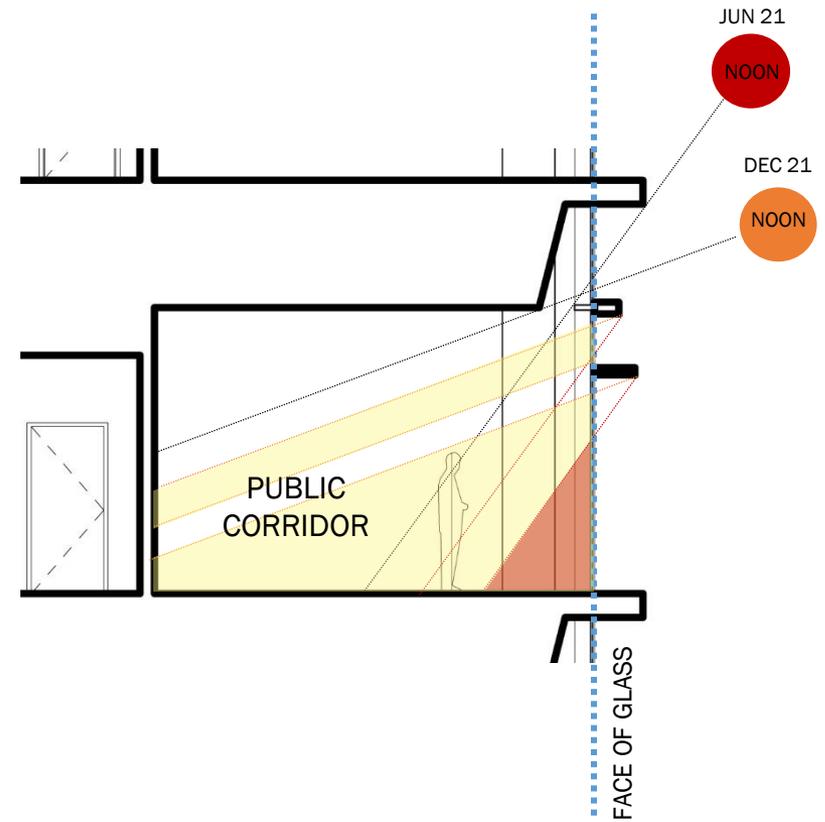
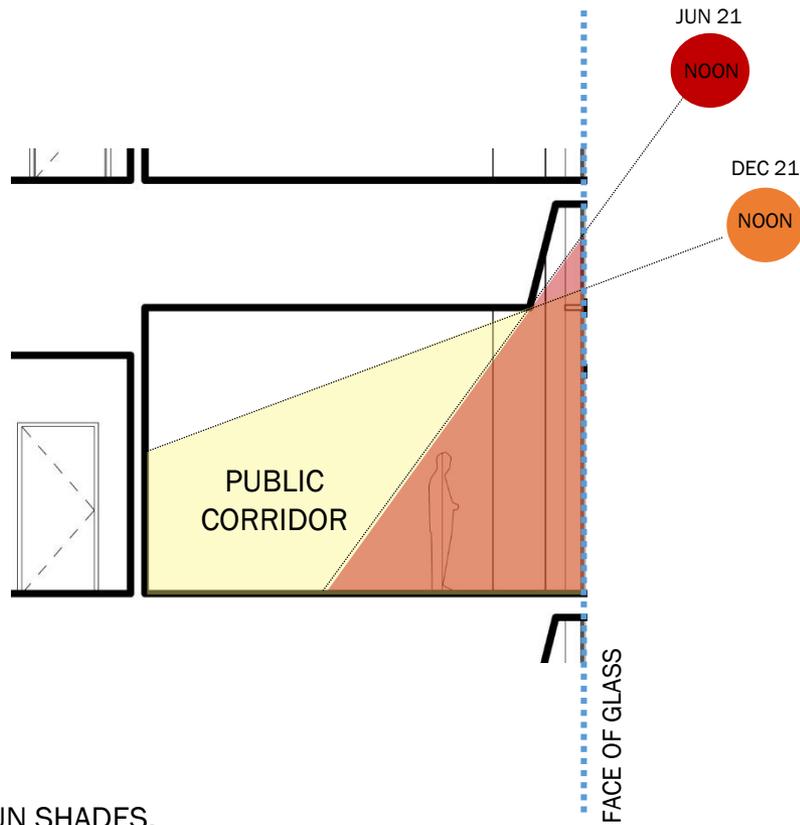
▼ PUBLIC VIEWS FROM INSIDE OUT

- VIEWS TOWARD DOWNTOWN FROM PUBLIC CORRIDOR DICTATE TRANSPARENCY OF SOUTH FACADE

VISITOR EXPERIENCE



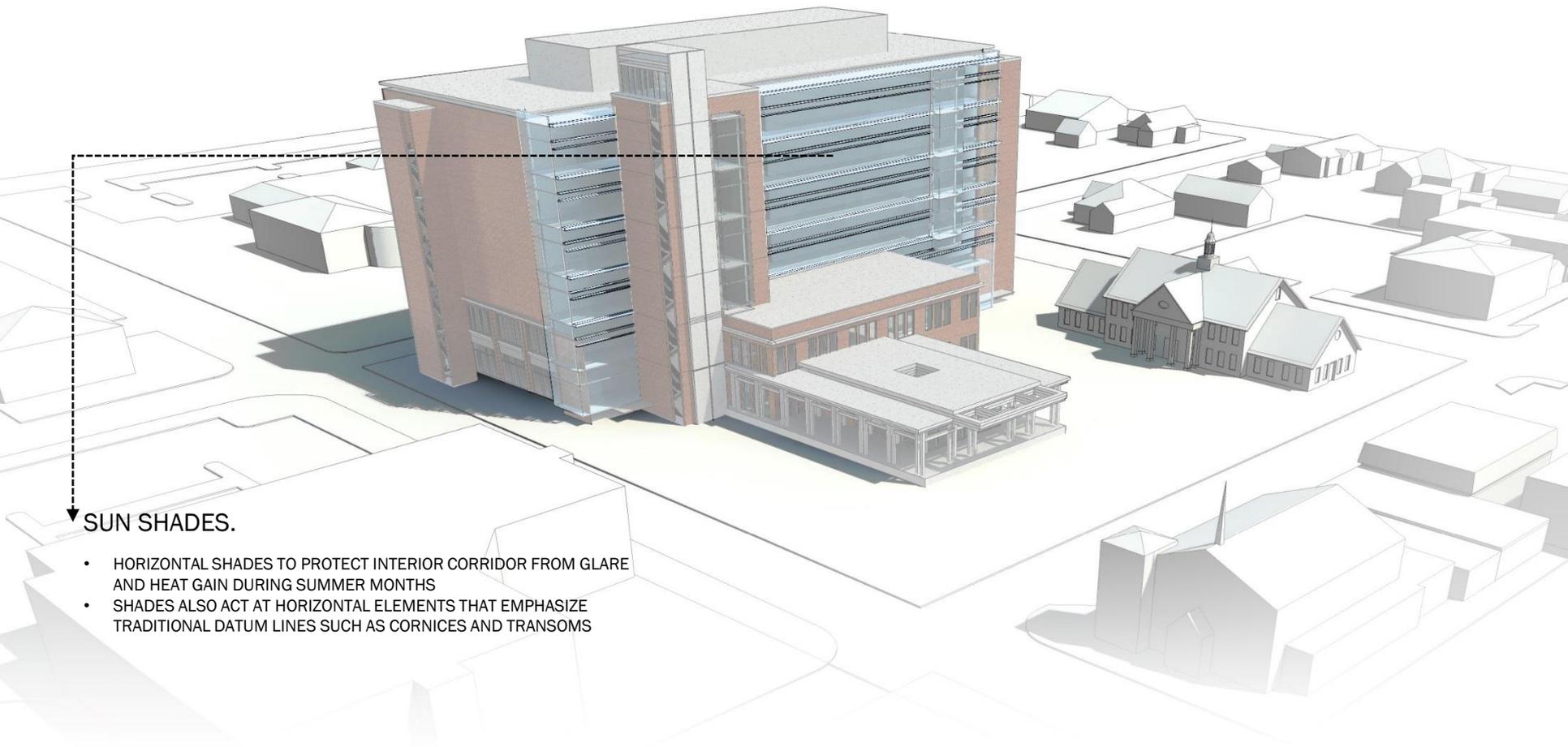
VISITOR EXPERIENCE



SUN SHADES.

- HORIZONTAL SHADES TO PROTECT INTERIOR CORRIDOR FROM GLARE AND HEAT GAIN DURING SUMMER MONTHS
- SHADES ALSO ACT AT HORIZONTAL ELEMENTS THAT EMPHASIZE TRADITIONAL DATUM LINES SUCH AS CORNICES AND TRANSOMS

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CIVIC PRESENCE

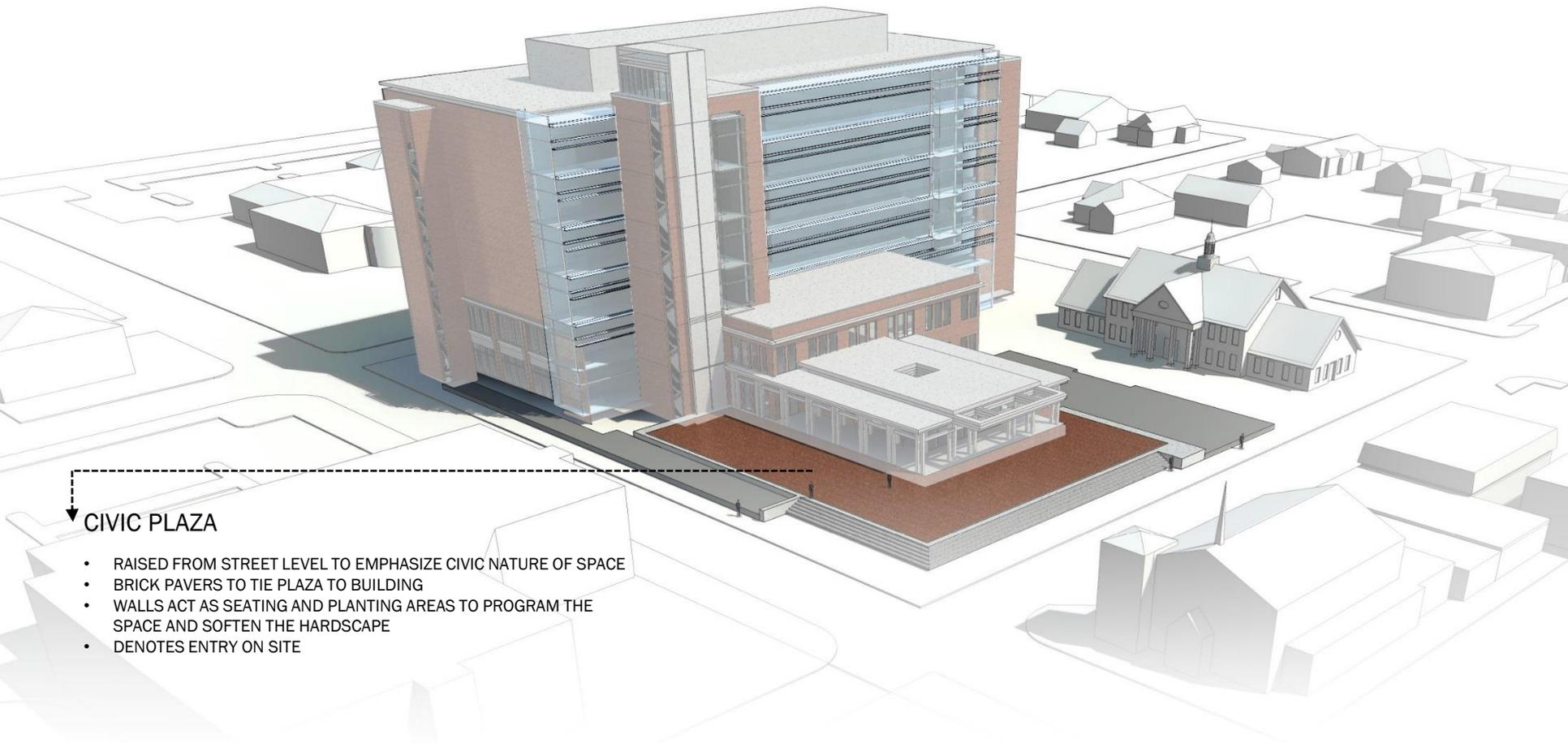


CIVIC PLAZA

- EXISTING PLAZA FRONTING LIBRARY BUILDING
- RAISED FROM STREET LEVEL TO EMPHASIZE CIVIC NATURE OF SPACE
- MATERIAL IS UNITIZED, OFTEN BRICK TO TIE PLAZA TO BUILDING
- WALLS ACT AS SEATING AND PLANTING AREAS TO PROGRAM THE SPACE AND SOFTEN THE HARDSCAPE



CIVIC PRESENCE



CIVIC PLAZA

- RAISED FROM STREET LEVEL TO EMPHASIZE CIVIC NATURE OF SPACE
- BRICK PAVERS TO TIE PLAZA TO BUILDING
- WALLS ACT AS SEATING AND PLANTING AREAS TO PROGRAM THE SPACE AND SOFTEN THE HARDSCAPE
- DENOTES ENTRY ON SITE









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QUESTIONS / DISCUSSION

NEXT STEPS

DRC Meeting 04.15.2015

AGENDA

1. Development of floor plans for each level and department
2. Development of lobby and entry sequence
3. Site plan and Plaza development