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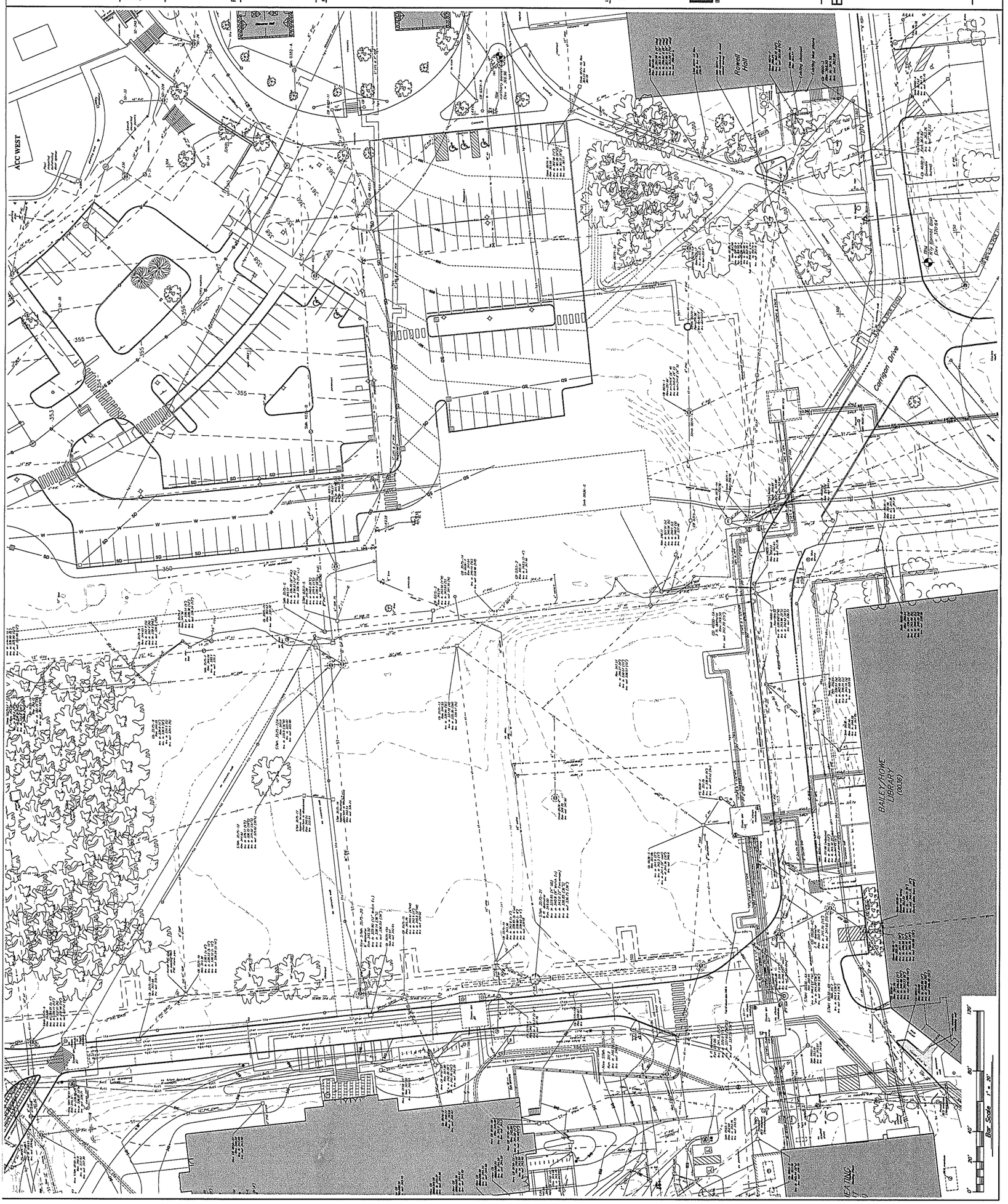
4/13/2015

FRESHMAN HOUSING

THE UNIVERSITY of VERMONT
Burlington, VT 05405

# EXISTING SITE PLAN

EX-1.0



## LOT COVERAGE

### ICC MAIN ST NORTH EXISTING

| ENTITY TYPE | SF | ACRES |
|---|---|---|
| BUILDINGS | 561521 | 12.89 |
| PARKING | 373279 | 8.57 |
| ROADWAYS | 236245 | 5.42 |
| WALKWAYS | 331648 | 7.61 |
| MISC | 16325 | 0.38 |
| TOTAL IMPERVIOUS | 1519017 | 34.87 |
| TOTAL ICC NORTH PARCEL | 3206438 | 73.61 |

LOT COVERAGE 47.37%

### ICC MAIN ST NORTH PROPOSED LOT COVERAGE WITH STUDENT HOUSING

| ENTITY TYPE | SF | ACRES |
|---|---|---|
| BUILDINGS | 597279 | 13.71 |
| PARKING | 381271 | 8.75 |
| ROADWAYS | 239364 | 5.50 |
| WALKWAYS | 349072 | 8.01 |
| DRIVEWAYS/LOADING DOCKS | 2544 | 0.06 |
| MISC | 20232 | 0.47 |
| TOTAL IMPERVIOUS | 1569782 | 36.50 |
| TOTAL ICC NORTH PARCEL | 3206438 | 73.61 |

LOT COVERAGE 48.58%

Lot Coverage based on 2011 WSP Sells Planimetric Mapping

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K&L
Keeler & Lumsaing Consulting Engineers, Inc.
104 Main Street, Suite 201
Burlington, VT 05401
T (802) 879-6273
F (802) 879-6272
email@keelerlumsaing.com

K&L PROJECT NO. 15161 Housing East (Fr)

STATE OF VERMONT
NO 5703
REGISTERED
PROFESSIONAL ENGINEER

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# OVERALL SITE PLAN

SP-1.0

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SITE PLAN

SP-2.0

## PLANT SCHEDULE

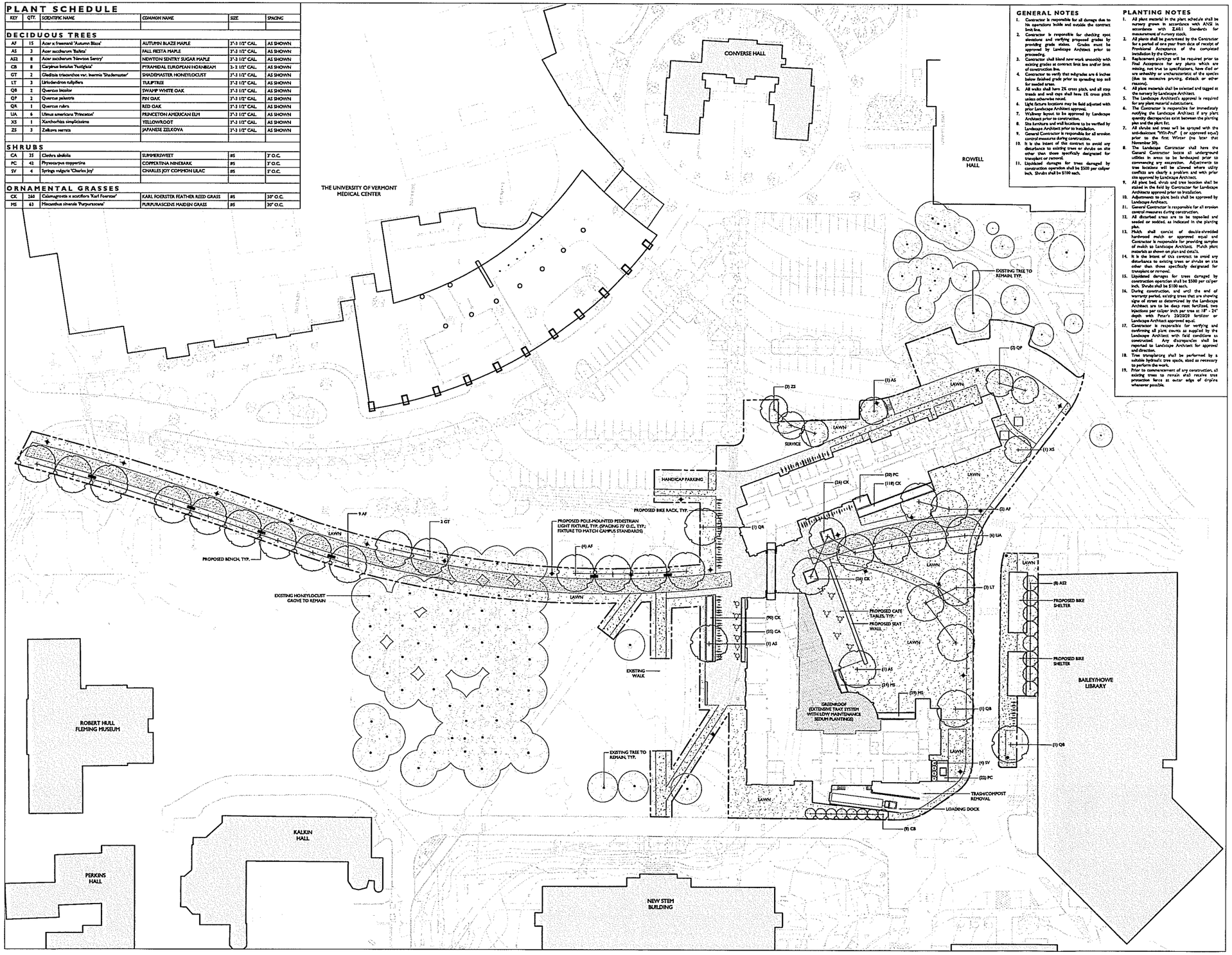
| KEY | QTY. | SCIENTIFIC NAME | COMMON NAME | SIZE | SPACING |
|---|---|---|---|---|---|
| **DECIDUOUS TREES** | | | | | |
| AF | 15 | Acer x freemanii 'Autumn Blaze' | AUTUMN BLAZE MAPLE | 3"-3 1/2" CAL | AS SHOWN |
| AS | 3 | Acer saccharum 'Bailtra' | FALL FIESTA MAPLE | 3"-3 1/2" CAL | AS SHOWN |
| AS2 | 8 | Acer saccharum 'Newton Sentry' | NEWTON SENTRY SUGAR MAPLE | 3"-3 1/2" CAL | AS SHOWN |
| CB | 8 | Carpinus betulus 'Fastigiata' | PYRAMIDAL EUROPEAN HORNBEAM | 3-3 1/2" CAL | AS SHOWN |
| GT | 2 | Gleditsia triacanthos var. inermis 'Shademaster' | SHADEMASTER HONEYLOCUST | 3"-3 1/2" CAL | AS SHOWN |
| LT | 3 | Liriodendron tulipifera | TULIPTREE | 3"-3 1/2" CAL | AS SHOWN |
| QB | 2 | Quercus bicolor | SWAMP WHITE OAK | 3"-3 1/2" CAL | AS SHOWN |
| QP | 2 | Quercus palustris | PIN OAK | 3"-3 1/2" CAL | AS SHOWN |
| QR | 1 | Quercus rubra | RED OAK | 3"-3 1/2" CAL | AS SHOWN |
| UA | 6 | Ulmus americana 'Princeton' | PRINCETON AMERICAN ELM | 3"-3 1/2" CAL | AS SHOWN |
| XS | 1 | Xanthorhiza simplicissima | YELLOWROOT | 3"-3 1/2" CAL | AS SHOWN |
| ZS | 3 | Zelkova serrata | JAPANESE ZELKOVA | 3"-3 1/2" CAL | AS SHOWN |
| **SHRUBS** | | | | | |
| CA | 35 | Clethra alnifolia | SUMMERSWEET | #5 | 3' O.C. |
| PC | 42 | Physocarpus opppositus | COMPACTINA NINEBARK | #5 | 3' O.C. |
| SV | 4 | Syringa vulgaris 'Charles Joy' | CHARLES JOY COMMON LILAC | #5 | 5' O.C. |
| **ORNAMENTAL GRASSES** | | | | | |
| CK | 260 | Calamagrostis x acutiflora 'Karl Foerster' | KARL FOERSTER FEATHER REED GRASS | #5 | 30" O.C. |
| MS | 63 | Miscanthus sinensis 'Purpurascens' | PURPURASCENS MAIDEN GRASS | #5 | 30" O.C. |

## GENERAL NOTES

1. Contractor is responsible for all damage due to his operations inside and outside the contract limit line.
2. Contractor is responsible for checking spot elevations and verifying proposed grades by providing grade stakes. Grades must be approved by Landscape Architect prior to proceeding.
3. Contractor shall blend new work smoothly with existing grades at contract limit line and/or limit of construction line.
4. Contractor to verify that subgrades are 6 inches below finished grade prior to spreading top soil for seeded areas.
5. All walks shall have 2% cross pitch, and all step treads and wall caps shall have 1% cross pitch unless otherwise noted.
6. Light fixtures locations may be field adjusted with prior Landscape Architect approval.
7. Walkway layout to be approved by Landscape Architect prior to construction.
8. Site furniture and wall locations to be verified by Landscape Architect prior to installation.
9. General Contractor is responsible for all erosion control measures during construction.
10. It is the intent of the contract to avoid any disturbance to existing trees or shrubs on site other than those specifically designated for transplant or removal.
11. Liquidated damages for trees damaged by construction operation shall be $500 per caliper inch. Shrubs shall be $100 each.

## PLANTING NOTES

1. All plant material in the plant schedule shall be nursery grown in accordance with ANSI in accordance with Z.60.1 Standards for measurement of nursery stock.
2. All plants shall be guaranteed by the Contractor for a period of one year from date of receipt of Provisional Acceptance of the completed installation by the Owner.
3. Replacement plants will be required prior to Final Acceptance for any plants which are missing, not true to specification, have died or are unhealthy or uncharacteristic of the species (due to excessive pruning, dieback or other reasons).
4. All plant materials shall be selected and tagged at the nursery by Landscape Architect.
5. The Landscape Architect's approval is required for any plant material substitutions.
6. The Contractor is responsible for immediately notifying the Landscape Architect if any plant quantity discrepancies exist between the planting plan and the plant list.
7. All shrubs and trees will be sprayed with the anti-desiccant "Wilt-Pruf" ( or approved equal) prior to the first Winter (no later that November 30).
8. The Landscape Contractor shall have the General Contractor locate all underground utilities in areas to be landscaped prior to commencing any excavation. Adjustments to tree locations will be allowed where utility conflicts are clearly a problem and with prior site approval by Landscape Architect.
9. All plant bed, shrub and tree location shall be staked in the field by Contractor for Landscape Architects approval prior to installation.
10. Adjustments to plant beds shall be approved by Landscape Architect.
11. General Contractor is responsible for all erosion control measures during construction.
12. All disturbed areas are to be topsoiled and seeded or sodded, as indicated in the planting plan.
13. Mulch shall consist of double-shredded hardwood mulch or approved equal and Contractor is responsible for providing samples of mulch to Landscape Architect. Mulch plant materials as shown on plan and details.
14. It is the intent of this contract to avoid any disturbance to existing trees or shrubs on site other than those specifically designated for transplant or removal.
15. Liquidated damages for trees damaged by construction operation shall be $500 per caliper inch. Shrubs shall be $100 each.
16. During construction, and until the end of warranty period, existing trees that are showing signs of stress as determined by the Landscape Architect are to be deep root fertilized, two injections per caliper inch per tree at 18" - 24" depth with Pace's 20/20/20 fertilizer or Landscape Architect approved equal.
17. Contractor is responsible for verifying and confirming all plant counts as supplied by the Landscape Architect with field conditions as constructed. Any discrepancies shall be reported to Landscape Architect for approval and direction.
18. Tree transplanting shall be performed by a suitable hydraulic tree spade, sized as necessary to perform the work.
19. Prior to commencement of any construction, all existing trees to remain shall receive tree protection fence at outer edge of dripline whenever possible.




30 0 30 60
SCALE OF FEET

WAGNERHODGSON
LANDSCAPE ARCHITECTURE

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PLANTING PLAN

PERMIT REVIEW SUBMISSION

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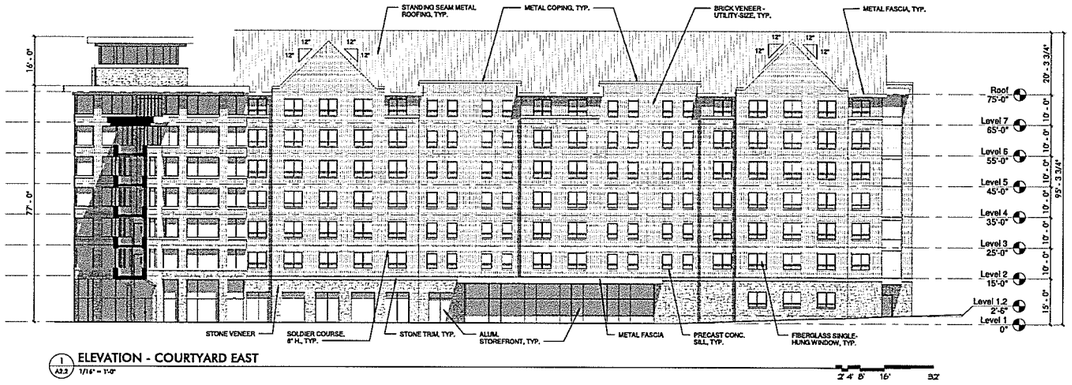
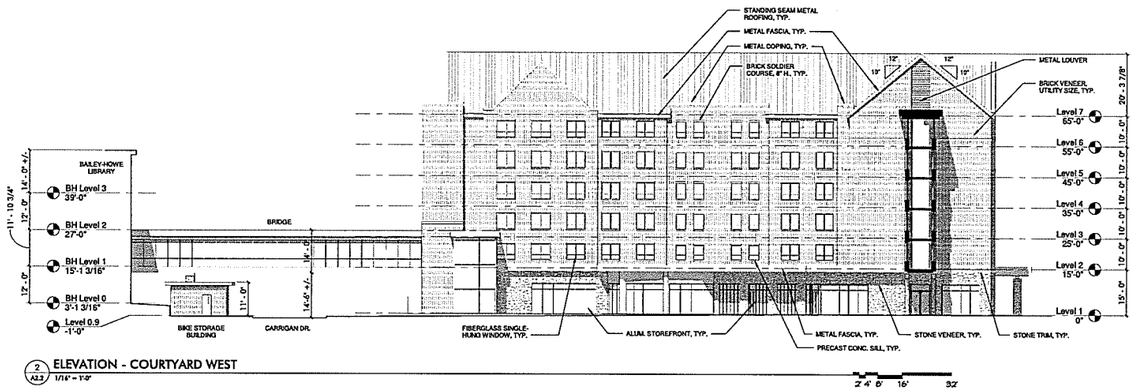



1 A2.3 ELEVATION - COURTYARD EAST
1/16" = 1'-0"




2 A2.3 ELEVATION - COURTYARD WEST
1/16" = 1'-0"

WW ARCHITECTS
Timber Block
107 Anson St. West
Montreal, QC H2Y 1S2
Tel: 514 281 3421
Fax: 514 281 3421

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**Elevations**

Schematic Design Submission

WW PROJECT NO. 71-310
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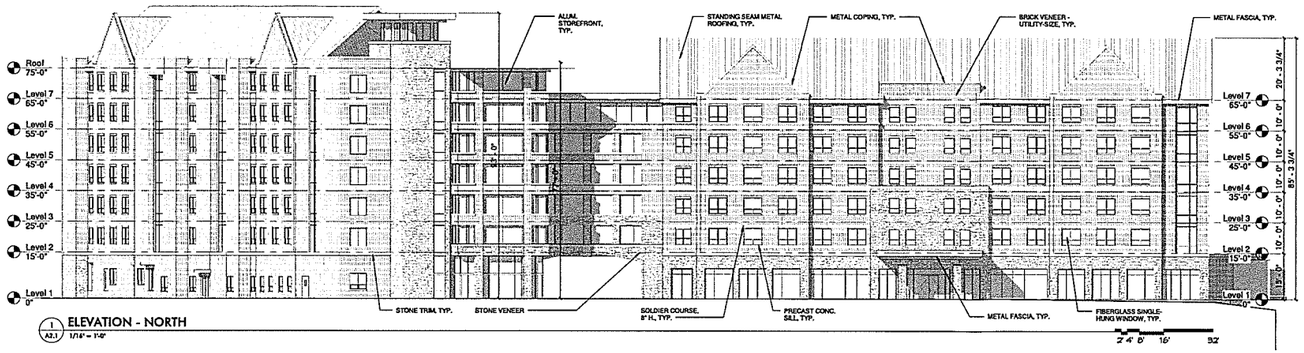
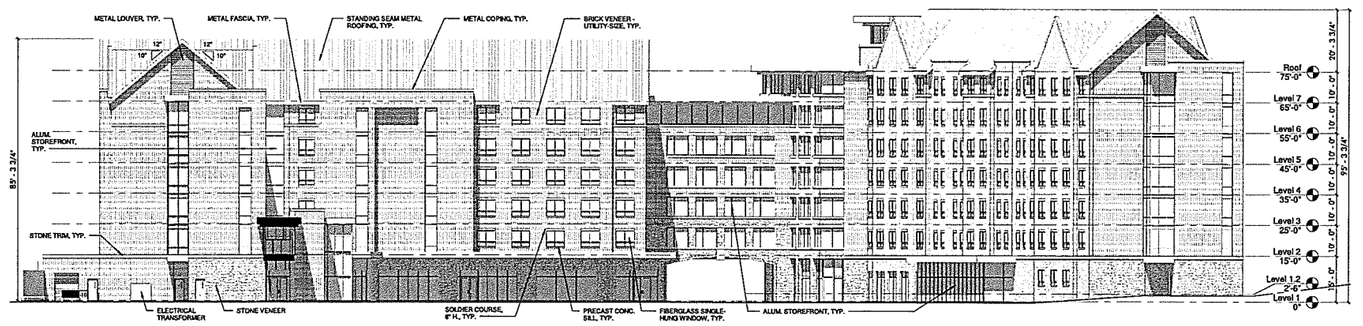
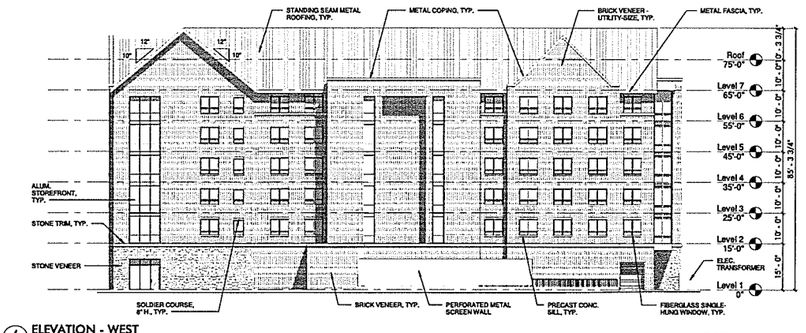



1 A2.1 ELEVATION - NORTH
1/16" = 1'-0"

2 A2.1 ELEVATION - EAST
1/16" = 1'-0"




3 A2.1 ELEVATION - SOUTH
1/16" = 1'-0"




4 A2.1 ELEVATION - WEST
1/16" = 1'-0"

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WM ARCHITECTS

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**Elevations**

Schematic Design Submission

WITH PROJECT NO. 71-310
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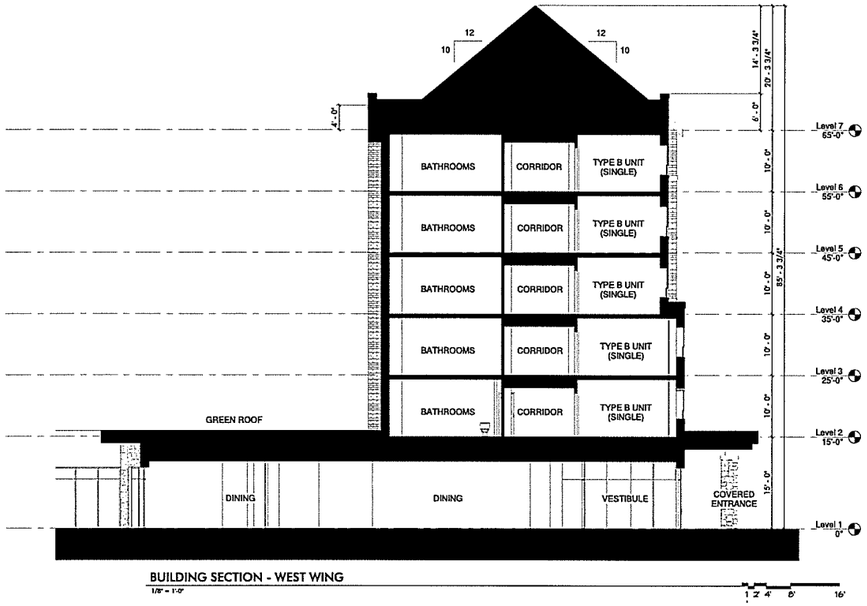
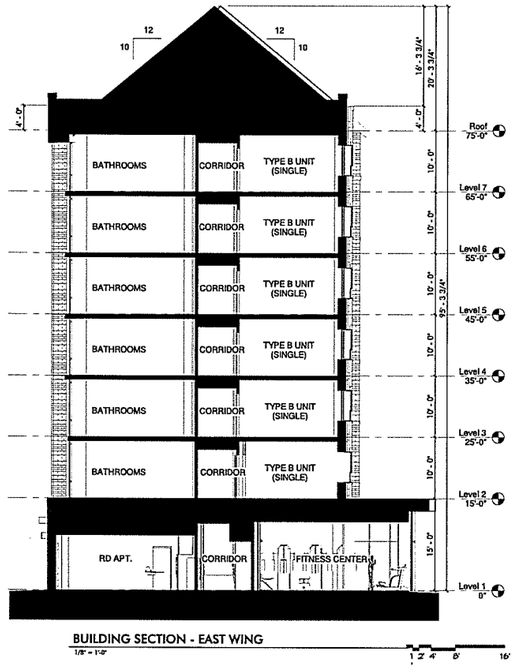


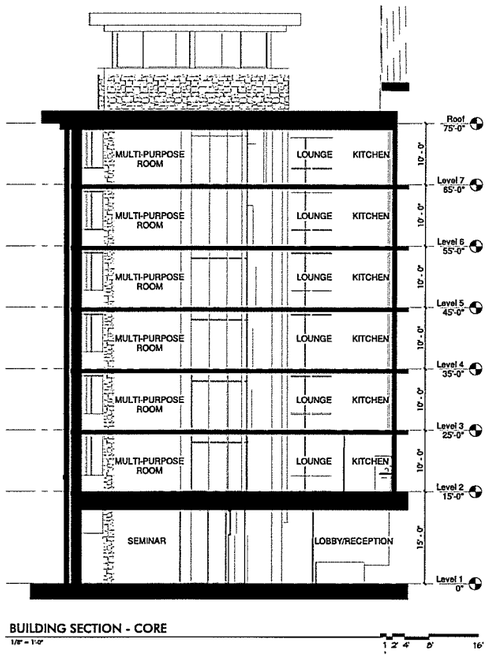

BUILDING SECTION - WEST WING

1/8" = 1'-0"




BUILDING SECTION - EAST WING

1/8" = 1'-0"




BUILDING SECTION - CORE

1/8" = 1'-0"

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WTW ARCHITECTS
Tower Court
222 Grace Street
Pittsburgh, PA 15219
Tel 412 321 4626
Fax 412 321 2431

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# Building Sections

Schematic Design Submission

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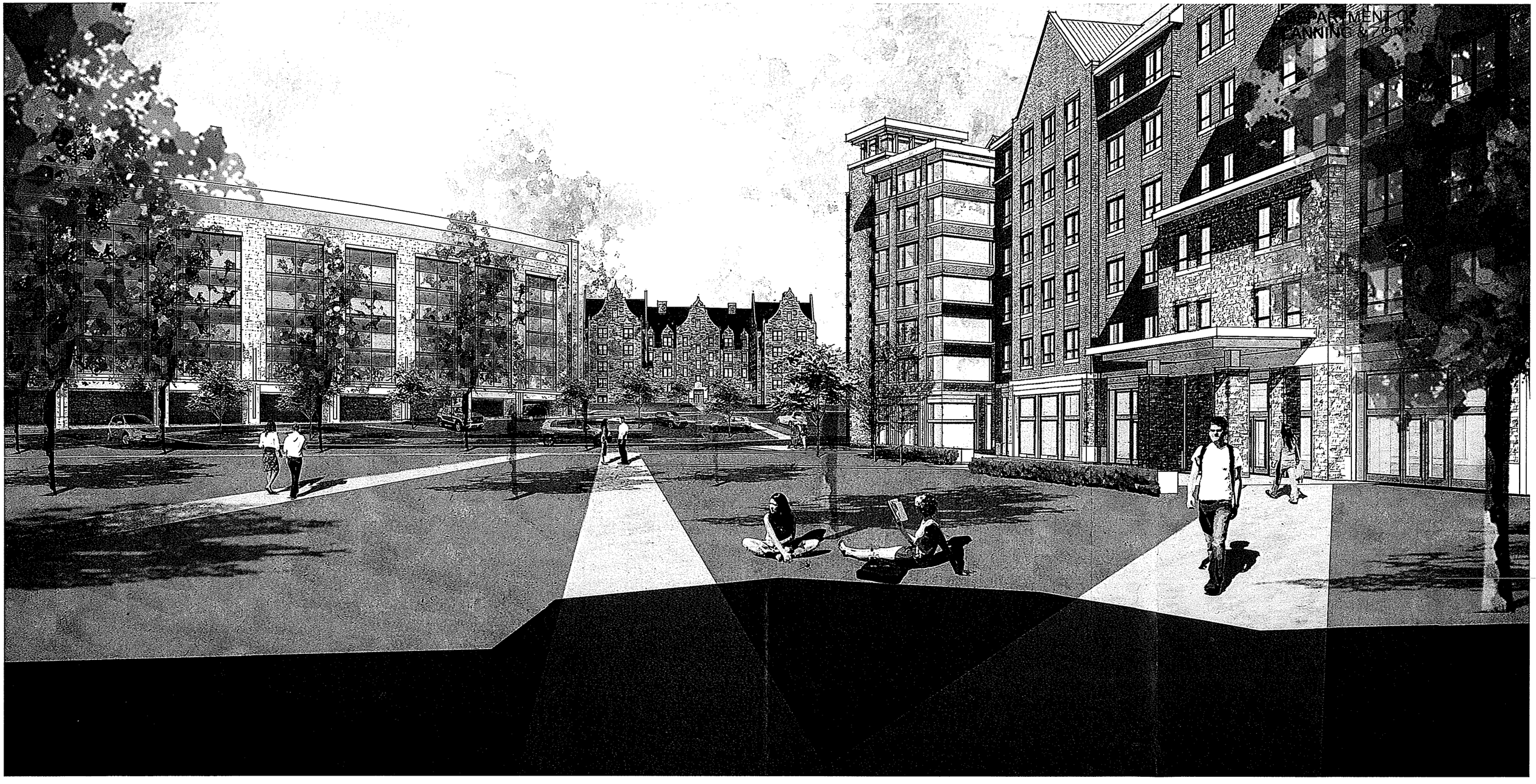

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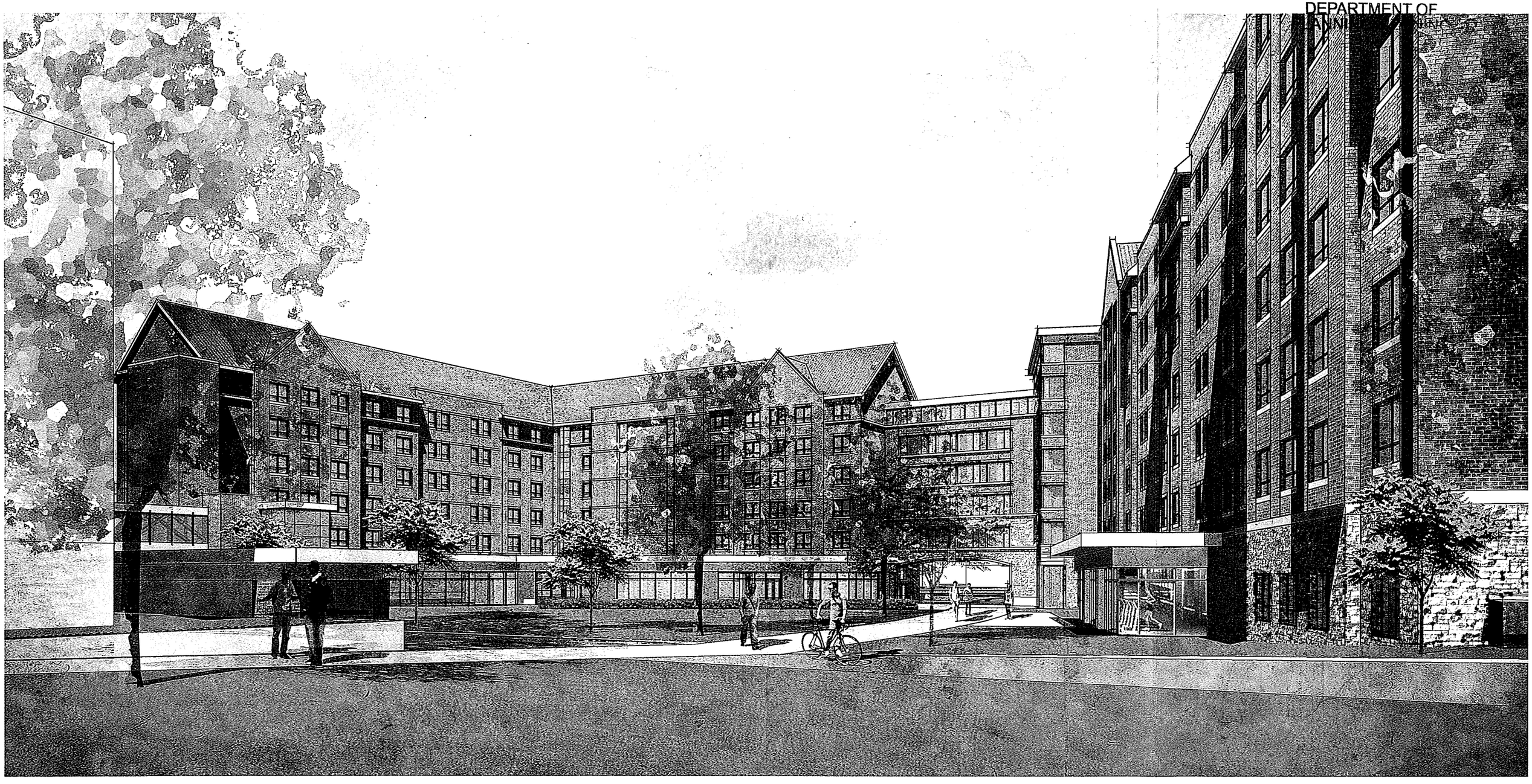

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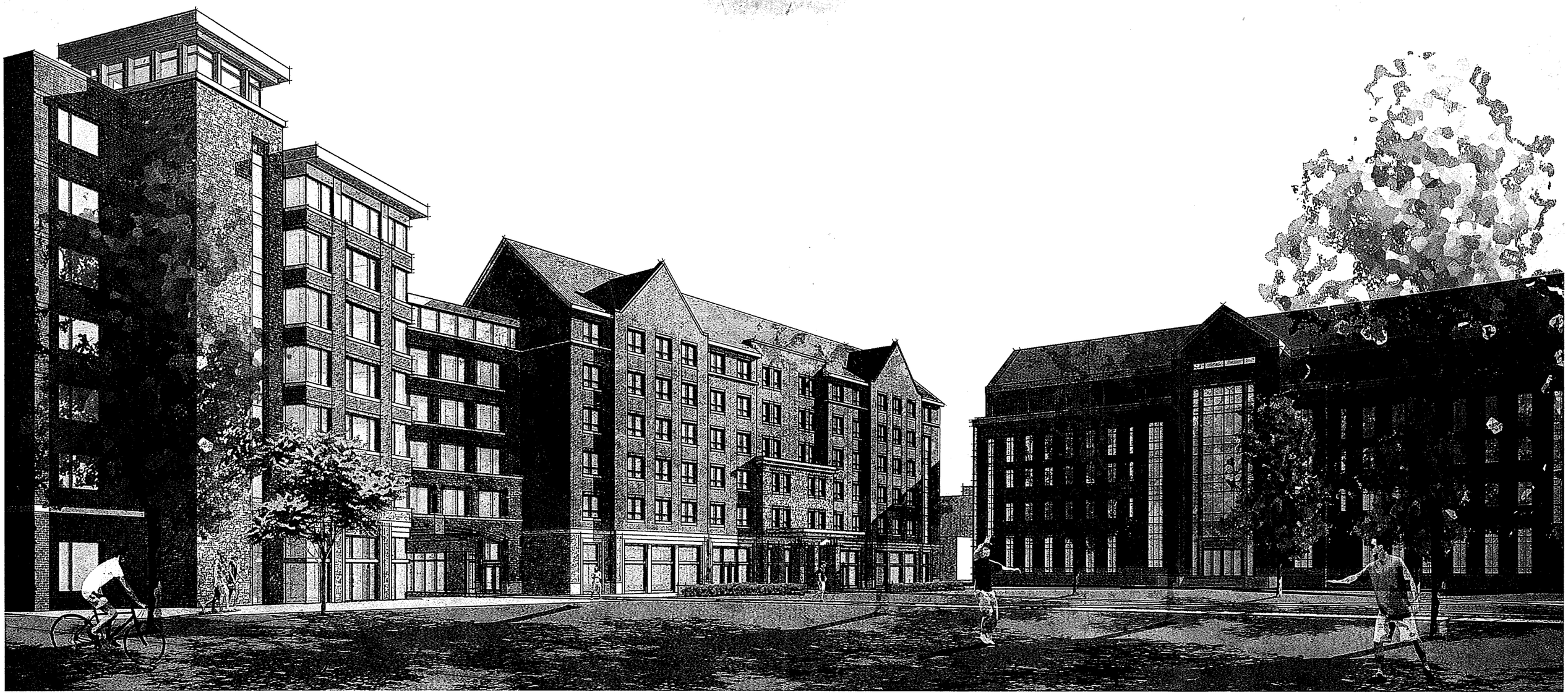

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