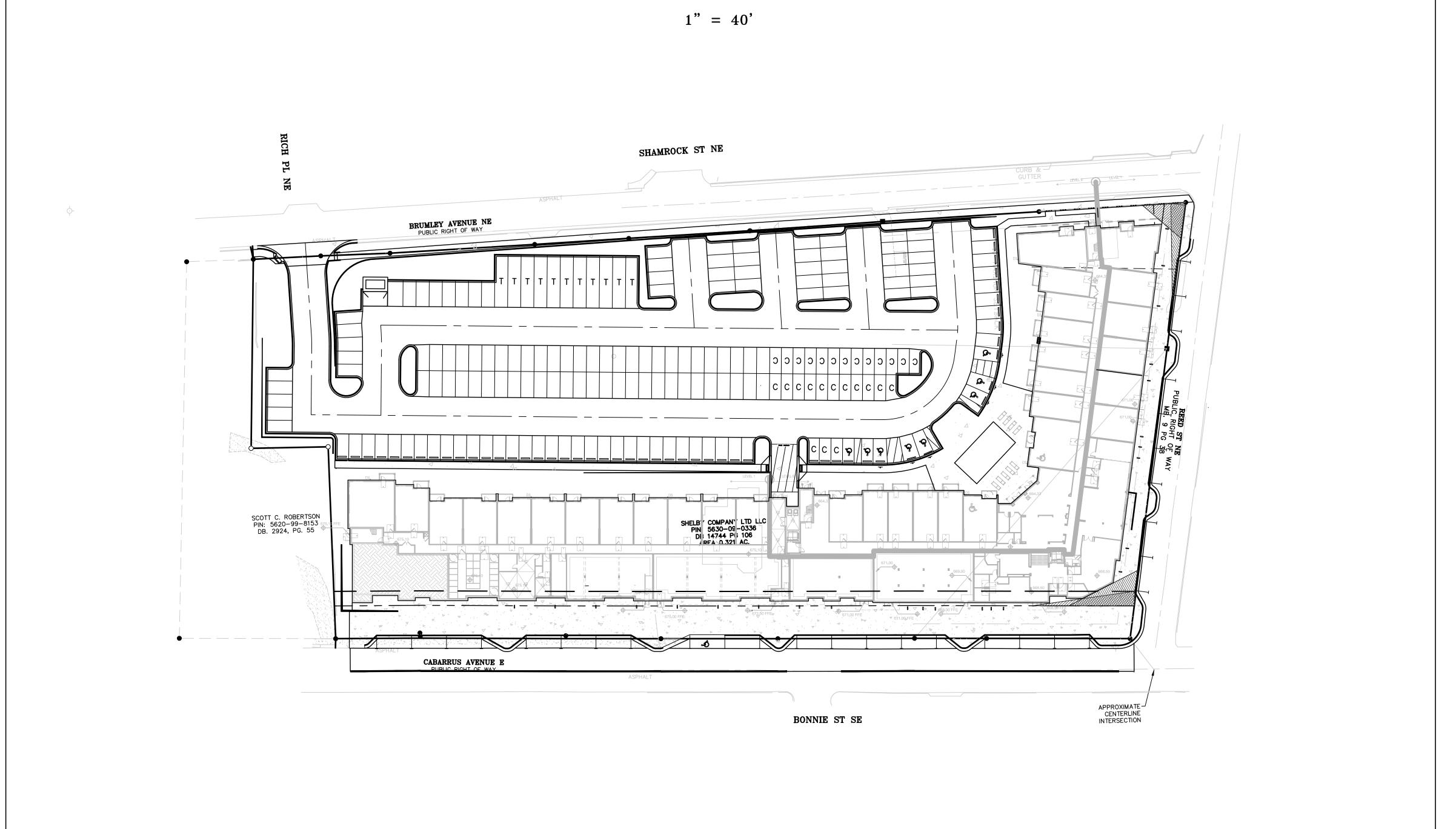
# 171 CABARRUS MIXED USE

# 118 BRUMLEY AVE NE CONCORD, NC 28025

ENGINEERING



DAYLIGHT ENGINEERING P-2772 P.O. BOX 1804 CONCORD, NC,

MATT BROWN, AIA 333 W. TRADE ST.

SUITE 200 CHARLOTTE, NC 28202

mbrown@axiomarchitecture.com 704-927-9900

28026–1804 KATE UNDERWOOD, PhD, PE 033470

PROJECT INFORMATION

PROJECT ADDRESS

PARCEL PIN NUMBER

ACREAGE ZONING WATER SYSTEM SEWER SYSTEM ELECTRICAL PROVIDER

GAS PROVIDER

CLIENT INFORMATION

CLIENT CONTACT
POSITION
PHONE NUMBER

CONTRACTOR CONTACT PHONE NUMBER EMAIL

CONTRACTOR ADDRESS

COMPANY ADDRESS

118 BRUMLEY AVE. NE CONCORD, NC 28025

5620-99-7282, 5620-99-8225, 5620-99-9106, 5620-99-9362, 5620-99-9473, 5630-09-0336, 5630-09-1329, 5630-09-2510, 5630-09-1655,

CITY OF CONCORD CITY OF CONCORD CITY OF CONCORD PIEDMONT NATURAL GAS

3.821 AC

DESIGNER INFORMATION

CIVIL ENGINEER
CIVIL LICENSE NUMBER

ENGINEER ENGINEER LICENSE

EMAIL PHONE

ARCHITECT ADDRESS

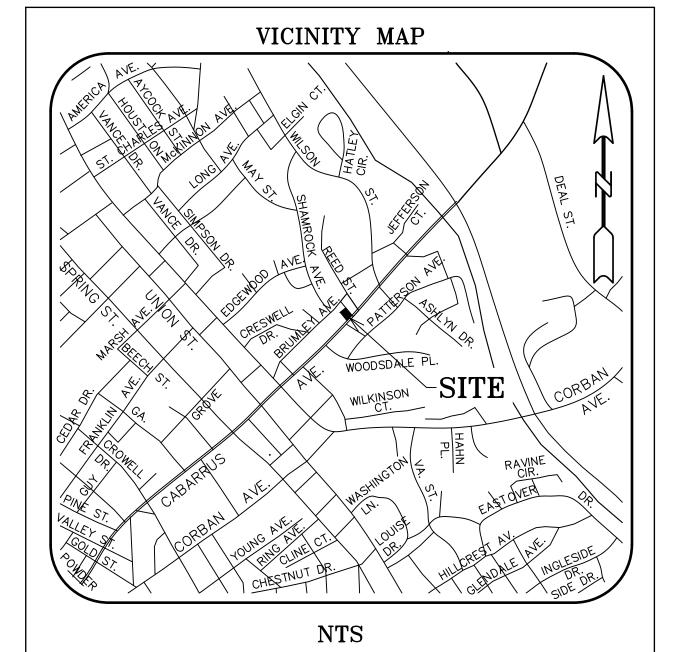
LEVEL 2 DEVELOPMENT 1717 K ST. NW STE. 900 WASHINGTON, DC 20006

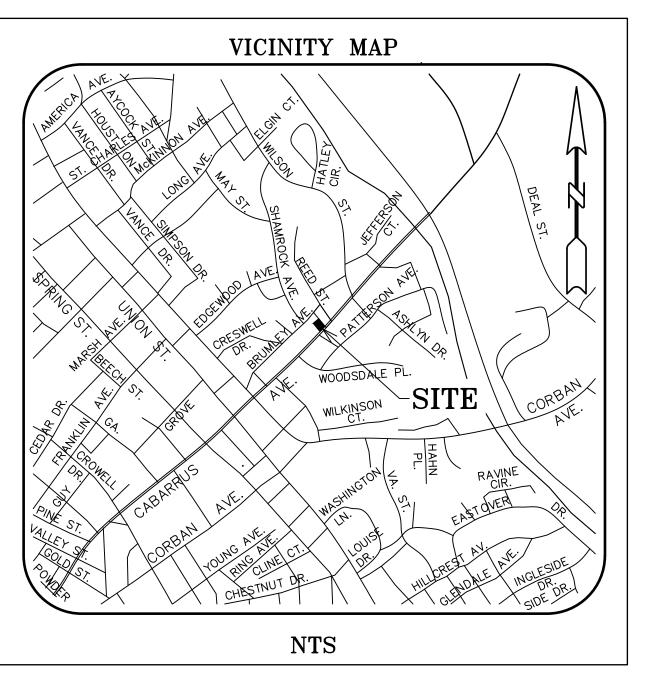
REHAB BUILDERS 401 4TH ST E WINSTON-SALEM, NC 27101

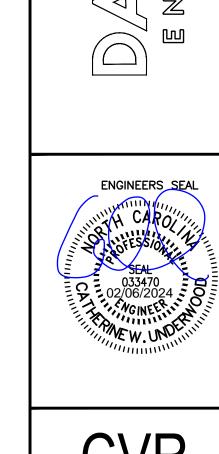
JOSH LIPSKY 336-215-7849 jlipsky@rehabbuilders.com

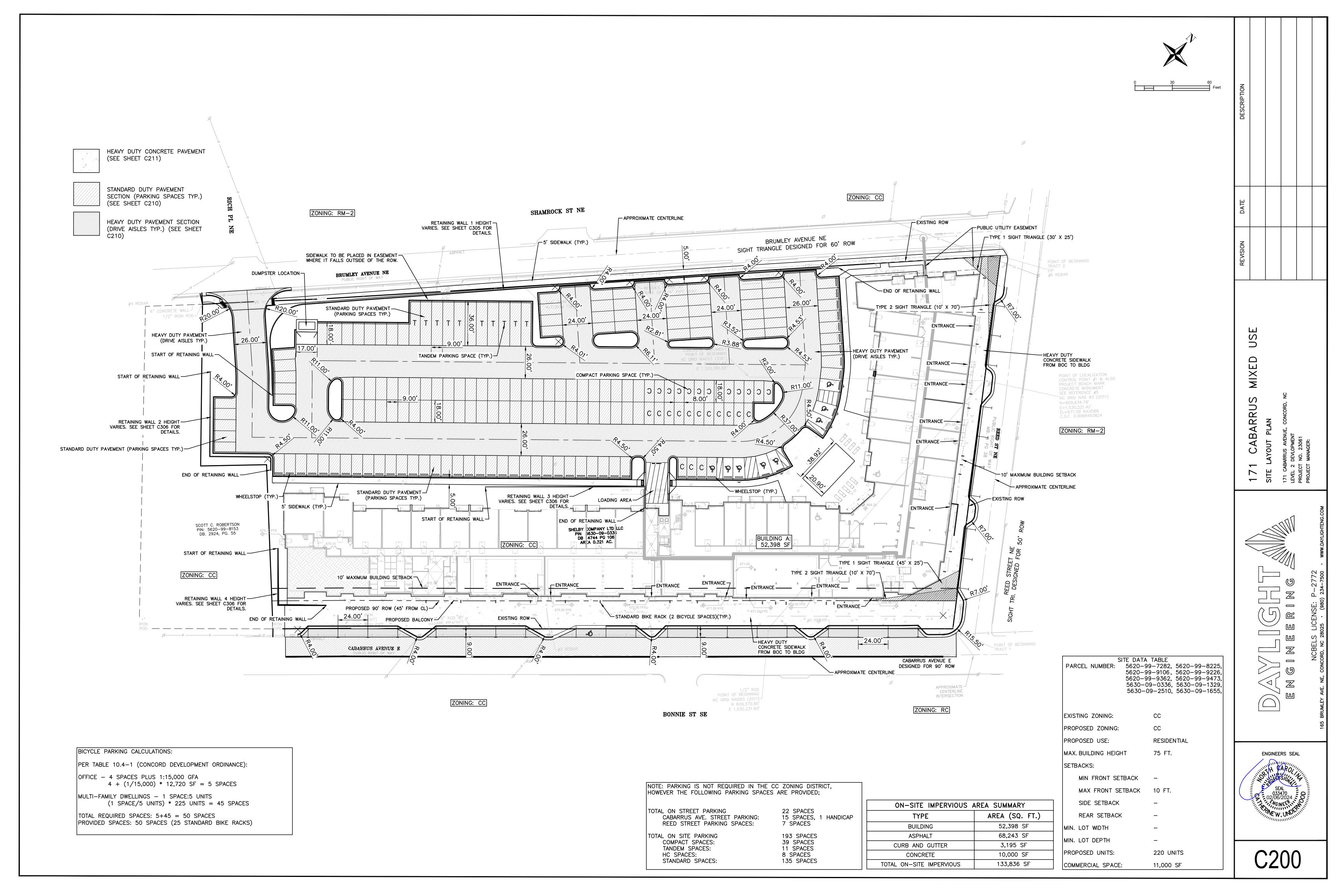
VICE PRESIDENT 219-680-8637

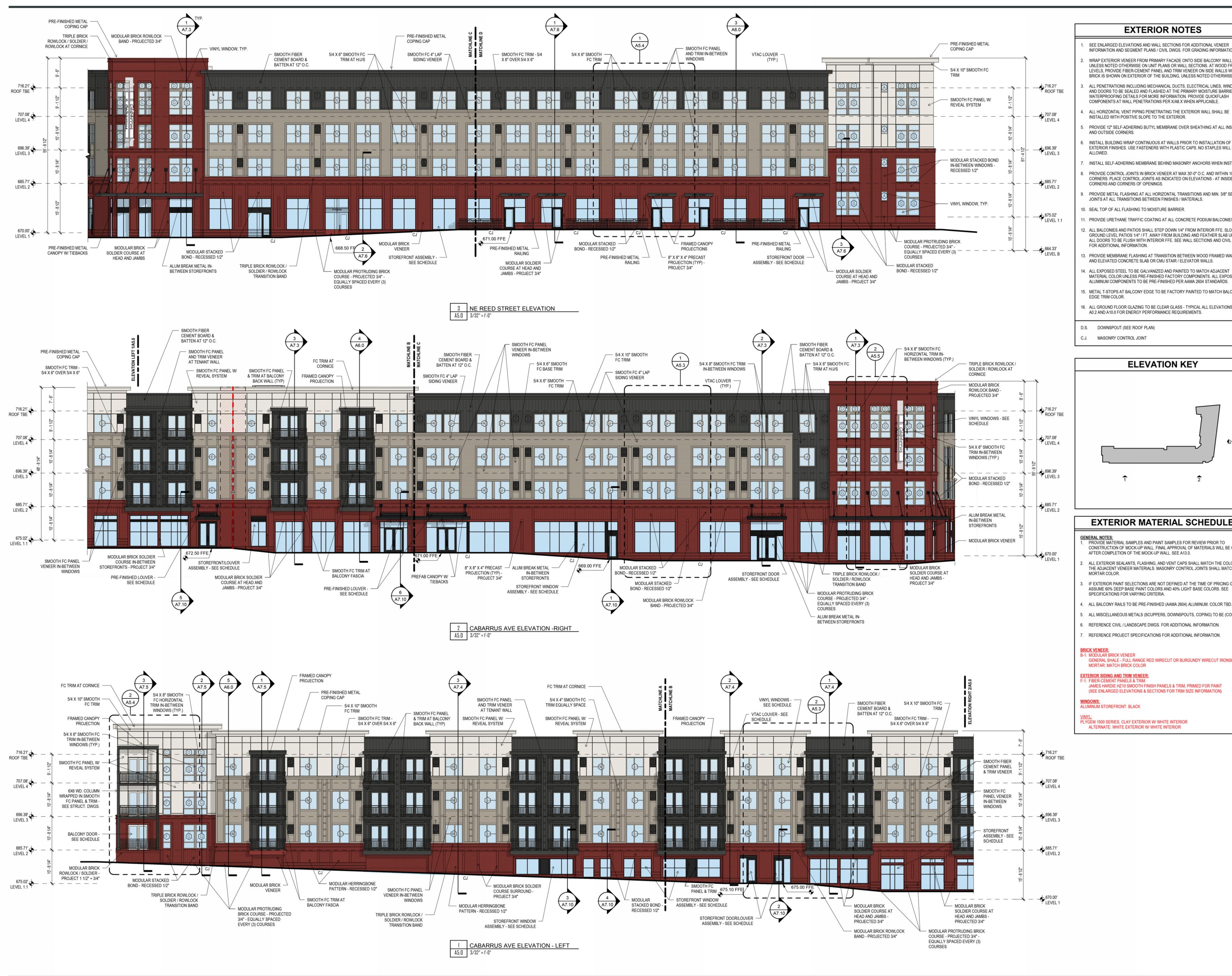
SHEET	DRAWING INDEX  DESCRIPTION
CO01	GENERAL NOTES AND SPECIFICATIONS
C100	EXISTING CONDITIONS AND DEMOLITION PLAN
C200	SITE LAYOUT PLAN
C200	AUTOTURN EXHIBIT
C210	
	SITE DETAILS (1 OF 2)
C211	SITE DETAILS (2 OF 2)
C220	OFF-SITE IMPROVEMENTS
C221 C222	STRIPING PLAN
	CABARRUS AVE E (CROSS SECTIONS 1 OF 7)
C223	CABARRUS AVE E (CROSS SECTIONS 2 OF 7)
C224	CABARRUS AVE E (CROSS SECTIONS 3 OF 7)
C225	CABARRUS AVE E (CROSS SECTIONS 4 OF 7)
C226	CABARRUS AVE E (CROSS SECTIONS 5 OF 7)
C227	CABARRUS AVE E (CROSS SECTIONS 6 OF 7)
C228	CABARRUS AVE E (CROSS SECTIONS 7 OF 7)
C300	GRADING PLAN
C301	DRAINAGE PLAN
C302	SPOT GRADE SHEET
C303	CUT FILL HEAT MAP
C304	RETAINING WALL PROFILE (1 OF 2)
C305	RETAINING WALL PROFILE (2 OF 2)
C306	CONTECH DETAILS
C310	GRADING AND DRAINAGE DETAILS
C400	PHASE 1 EROSION CONTROL PLAN
C401	PHASE 2 EROSION CONTROL PLAN
C410	EROSION CONTROL DETAILS
C411	GROUND STABILIZATION AND MATERIALS HANDLING
C412	SELF-INSPECTION, RECORDKEEPING AND REPORTING
C600	UTILITY PLAN
C601	UTILITY SERVICES PLAN AND PROFILE
C610	UTILITY DETAILS
L100	LANDSCAPING PLAN
L110	LANDSCAPING DETAILS
WQ100	PRE-DEVELOPMENT DRAINAGE MAP
WQ101	POST-DEVELOPMENT DRAINAGE MAP











# **EXTERIOR NOTES**

- SEE ENLARGED ELEVATIONS AND WALL SECTIONS FOR ADDITIONAL VENEER INFORMATION AND SEGMENT PLANS / CIVIL DWGS. FOR GRADING INFORMATION.
- WRAP EXTERIOR VENEER FROM PRIMARY FACADE ONTO SIDE BALCONY WALLS UNLESS NOTED OTHERWISE ON UNIT PLANS OR WALL SECTIONS. AT WOOD FRAMED LEVELS, PROVIDE FIBER-CEMENT PANEL AND TRIM VENEER ON SIDE WALLS WHERE
- BRICK IS SHOWN ON EXTERIOR OF THE BUILDING, UNLESS NOTED OTHERWISE. ALL PENETRATIONS INCLUDING MECHANICAL DUCTS, ELECTRICAL LINES, WINDOWS AND DOORS TO BE SEALED AND FLASHED AT THE PRIMARY MOISTURE BARRIER. SEE
- COMPONENTS AT WALL PENETRATIONS PER X/A8.X WHEN APPLICABLE. ALL HORIZONTAL VENT PIPING PENETRATING THE EXTERIOR WALL SHALL BE
- INSTALLED WITH POSITIVE SLOPE TO THE EXTERIOR. PROVIDE 12" SELF-ADHERING BUTYL MEMBRANE OVER SHEATHING AT ALL INSIDE
- AND OUTSIDE CORNERS.
- INSTALL BUILDING WRAP CONTINUOUS AT WALLS PRIOR TO INSTALLATION OF EXTERIOR FINISHES. USE FASTENERS WITH PLASTIC CAPS. NO STAPLES WILL BE
- INSTALL SELF-ADHERING MEMBRANE BEHIND MASONRY ANCHORS WHEN INSTALLED. PROVIDE CONTROL JOINTS IN BRICK VENEER AT MAX 30'-0" O.C. AND WITHIN 10'-0" OF CORNERS. PLACE CONTROL JOINTS AS INDICATED ON ELEVATIONS - AT INSIDE CORNERS AND CORNERS OF OPENINGS.
- PROVIDE METAL FLASHING AT ALL HORIZONTAL TRANSITIONS AND MIN. 3/8" SEALANT JOINTS AT ALL TRANSITIONS BETWEEN FINISHES / MATERIALS.
- 10. SEAL TOP OF ALL FLASHING TO MOISTURE BARRIER.
- PROVIDE URETHANE TRAFFIC COATING AT ALL CONCRETE PODIUM BALCONIES. ALL BALCONIES AND PATIOS SHALL STEP DOWN 1/4" FROM INTERIOR FFE. SLOPE GROUND LEVEL PATIOS 1/4" / FT. AWAY FROM BUILDING AND FEATHER SLAB UP AT
- ALL DOORS TO BE FLUSH WITH INTERIOR FFE. SEE WALL SECTIONS AND CIVIL DWGS. FOR ADDITIONAL INFORMATION. PROVIDE MEMBRANE FLASHING AT TRANSITION BETWEEN WOOD FRAMED WALLS
- ALL EXPOSED STEEL TO BE GALVANIZED AND PAINTED TO MATCH ADJACENT MATERIAL COLOR UNLESS PRE-FINISHED FACTORY COMPONENTS. ALL EXPOSED
- ALUMINUM COMPONENTS TO BE PRE-FINISHED PER AAMA 2604 STANDARDS. 15. METAL T-STOPS AT BALCONY EDGE TO BE FACTORY PAINTED TO MATCH BALCONY
- 16. ALL GROUND FLOOR GLAZING TO BE CLEAR GLASS TYPICAL ALL ELEVATIONS. SEE A0.2 AND A10.0 FOR ENERGY PERFORMANCE REQUIREMENTS.
- D.S. DOWNSPOUT (SEE ROOF PLAN)
- C.J. MASONRY CONTROL JOINT

# **ELEVATION KEY**

# **EXTERIOR MATERIAL SCHEDULE**

# PROVIDE MATERIAL SAMPLES AND PAINT SAMPLES FOR REVIEW PRIOR TO

- CONSTRUCTION OF MOCK-UP WALL. FINAL APPROVAL OF MATERIALS WILL BE GIVEN AFTER COMPLETION OF THE MOCK-UP WALL. SEE A13.0. ALL EXTERIOR SEALANTS, FLASHING, AND VENT CAPS SHALL MATCH THE COLOR OF THE ADJACENT VENEER MATERIALS. MASONRY CONTROL JOINTS SHALL MATCH THE
- MORTAR COLOR. IF EXTERIOR PAINT SELECTIONS ARE NOT DEFINED AT THE TIME OF PRICING GC TO
- ASSUME 60% DEEP BASE PAINT COLORS AND 40% LIGHT BASE COLORS. SEE SPECIFICATIONS FOR VARYING CRITERIA. ALL BALCONY RAILS TO BE PRE-FINISHED (AAMA 2604) ALUMINUM. COLOR TBD.
- ALL MISCELLANEOUS METALS (SCUPPERS, DOWNSPOUTS, COPING) TO BE (COLOR)
- . REFERENCE CIVIL / LANDSCAPE DWGS. FOR ADDITIONAL INFORMATION.
- REFERENCE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

3-1: MODULAR BRICK VENEER GENERAL SHALE - FULL RANGE RED WIRECUT OR BURGUNDY WIRECUT IRONSPOT MORTAR: MATCH BRICK COLOR

JAMES HARDIE HZ10 SMOOTH FINISH PANELS & TRIM, PRIMED FOR PAINT (SEE ENLARGED ELEVATIONS & SECTIONS FOR TRIM SIZE INFORMATION)

# WINDOWS: ALUMINUM STOREFRONT: BLACK

PLYGEM 1500 SERIES, CLAY EXTERIOR W/ WHITE INTERIOR

PROJECT A-2311 BUILDING ELEVATIONS

JANUARY 31, 2023

ARCHITECTURE 333 WEST TRADE STREET CHARLOTTE, NC 28202 T 704.927.9900 www.axiomarchitecture.com

NOT FOR CONSTRUCTION

Σ

# 3 SE CABARRUS / REED ELEVATION

**EVERY 3 COURSES** 



# 2 PARKING LOT NORTH ELEVATION - RIGHT



PARKING LOT NORTH ELEVATION - LEFT

# **EXTERIOR NOTES**

- SEE ENLARGED ELEVATIONS AND WALL SECTIONS FOR ADDITIONAL VENEER INFORMATION AND SEGMENT PLANS / CIVIL DWGS. FOR GRADING INFORMATION.
- WRAP EXTERIOR VENEER FROM PRIMARY FACADE ONTO SIDE BALCONY WALLS UNLESS NOTED OTHERWISE ON UNIT PLANS OR WALL SECTIONS. AT WOOD FRAMED LEVELS, PROVIDE FIBER-CEMENT PANEL AND TRIM VENEER ON SIDE WALLS WHERE
- BRICK IS SHOWN ON EXTERIOR OF THE BUILDING, UNLESS NOTED OTHERWISE. ALL PENETRATIONS INCLUDING MECHANICAL DUCTS, ELECTRICAL LINES, WINDOWS AND DOORS TO BE SEALED AND FLASHED AT THE PRIMARY MOISTURE BARRIER. SEE
- COMPONENTS AT WALL PENETRATIONS PER X/A8.X WHEN APPLICABLE. ALL HORIZONTAL VENT PIPING PENETRATING THE EXTERIOR WALL SHALL BE
- INSTALLED WITH POSITIVE SLOPE TO THE EXTERIOR.

WATERPROOFING DETAILS FOR MORE INFORMATION. PROVIDE QUICKFLASH

- PROVIDE 12" SELF-ADHERING BUTYL MEMBRANE OVER SHEATHING AT ALL INSIDE AND OUTSIDE CORNERS.
- INSTALL BUILDING WRAP CONTINUOUS AT WALLS PRIOR TO INSTALLATION OF EXTERIOR FINISHES. USE FASTENERS WITH PLASTIC CAPS. NO STAPLES WILL BE
- INSTALL SELF-ADHERING MEMBRANE BEHIND MASONRY ANCHORS WHEN INSTALLED. PROVIDE CONTROL JOINTS IN BRICK VENEER AT MAX 30'-0" O.C. AND WITHIN 10'-0" OF CORNERS. PLACE CONTROL JOINTS AS INDICATED ON ELEVATIONS - AT INSIDE CORNERS AND CORNERS OF OPENINGS.
- PROVIDE METAL FLASHING AT ALL HORIZONTAL TRANSITIONS AND MIN. 3/8" SEALANT JOINTS AT ALL TRANSITIONS BETWEEN FINISHES / MATERIALS.
- 10. SEAL TOP OF ALL FLASHING TO MOISTURE BARRIER.
- 11. PROVIDE URETHANE TRAFFIC COATING AT ALL CONCRETE PODIUM BALCONIES. 2. ALL BALCONIES AND PATIOS SHALL STEP DOWN 1/4" FROM INTERIOR FFE. SLOPE GROUND LEVEL PATIOS 1/4" / FT. AWAY FROM BUILDING AND FEATHER SLAB UP AT
- ALL DOORS TO BE FLUSH WITH INTERIOR FFE. SEE WALL SECTIONS AND CIVIL DWGS. FOR ADDITIONAL INFORMATION.
- AND ELEVATED CONCRETE SLAB OR CMU STAIR / ELEVATOR WALLS. 4. ALL EXPOSED STEEL TO BE GALVANIZED AND PAINTED TO MATCH ADJACENT

3. PROVIDE MEMBRANE FLASHING AT TRANSITION BETWEEN WOOD FRAMED WALLS

- MATERIAL COLOR UNLESS PRE-FINISHED FACTORY COMPONENTS. ALL EXPOSED ALUMINUM COMPONENTS TO BE PRE-FINISHED PER AAMA 2604 STANDARDS.
- EDGE TRIM COLOR. 16. ALL GROUND FLOOR GLAZING TO BE CLEAR GLASS - TYPICAL ALL ELEVATIONS. SEE

A0.2 AND A10.0 FOR ENERGY PERFORMANCE REQUIREMENTS.

15. METAL T-STOPS AT BALCONY EDGE TO BE FACTORY PAINTED TO MATCH BALCONY

- D.S. DOWNSPOUT (SEE ROOF PLAN)
- C.J. MASONRY CONTROL JOINT

# **ELEVATION KEY**

# **EXTERIOR MATERIAL SCHEDULE**

# PROVIDE MATERIAL SAMPLES AND PAINT SAMPLES FOR REVIEW PRIOR TO

- CONSTRUCTION OF MOCK-UP WALL. FINAL APPROVAL OF MATERIALS WILL BE GIVEN AFTER COMPLETION OF THE MOCK-UP WALL. SEE A13.0. ALL EXTERIOR SEALANTS, FLASHING, AND VENT CAPS SHALL MATCH THE COLOR OF
- THE ADJACENT VENEER MATERIALS. MASONRY CONTROL JOINTS SHALL MATCH THE
- IF EXTERIOR PAINT SELECTIONS ARE NOT DEFINED AT THE TIME OF PRICING GC TO ASSUME 60% DEEP BASE PAINT COLORS AND 40% LIGHT BASE COLORS. SEE SPECIFICATIONS FOR VARYING CRITERIA.
- 4. ALL BALCONY RAILS TO BE PRE-FINISHED (AAMA 2604) ALUMINUM. COLOR TBD.
- ALL MISCELLANEOUS METALS (SCUPPERS, DOWNSPOUTS, COPING) TO BE (COLOR).
- 6. REFERENCE CIVIL / LANDSCAPE DWGS. FOR ADDITIONAL INFORMATION. . REFERENCE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

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JAMES HARDIE HZ10 SMOOTH FINISH PANELS & TRIM, PRIMED FOR PAINT (SEE ENLARGED ELEVATIONS & SECTIONS FOR TRIM SIZE INFORMATION)

# WINDOWS: ALUMINUM STOREFRONT: BLACK

PLYGEM 1500 SERIES, CLAY EXTERIOR W/ WHITE INTERIOR

ALTERNATE: WHITE EXTERIOR W/ WHITE INTERIOR

PROJECT A-2311

**BUILDING ELEVATIONS** 

NOVEMBER 10, 2023

ARCHITECTURE 333 WEST TRADE STREET

CHARLOTTE, NC 28202

www.axiomarchitecture.com

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INSTALLED WITH POSITIVE SLOPE TO THE EXTERIOR. PROVIDE 12" SELF-ADHERING BUTYL MEMBRANE OVER SHEATHING AT ALL INSIDE AND OUTSIDE CORNERS.

WRAP EXTERIOR VENEER FROM PRIMARY FACADE ONTO SIDE BALCONY WALLS

BRICK IS SHOWN ON EXTERIOR OF THE BUILDING, UNLESS NOTED OTHERWISE.

UNLESS NOTED OTHERWISE ON UNIT PLANS OR WALL SECTIONS. AT WOOD FRAMED

LEVELS, PROVIDE FIBER-CEMENT PANEL AND TRIM VENEER ON SIDE WALLS WHERE

ALL PENETRATIONS INCLUDING MECHANICAL DUCTS, ELECTRICAL LINES, WINDOWS AND DOORS TO BE SEALED AND FLASHED AT THE PRIMARY MOISTURE BARRIER. SEE

6. INSTALL BUILDING WRAP CONTINUOUS AT WALLS PRIOR TO INSTALLATION OF EXTERIOR FINISHES. USE FASTENERS WITH PLASTIC CAPS. NO STAPLES WILL BE

INSTALL SELF-ADHERING MEMBRANE BEHIND MASONRY ANCHORS WHEN INSTALLED. B. PROVIDE CONTROL JOINTS IN BRICK VENEER AT MAX 30'-0" O.C. AND WITHIN 10'-0" OF CORNERS. PLACE CONTROL JOINTS AS INDICATED ON ELEVATIONS - AT INSIDE CORNERS AND CORNERS OF OPENINGS.

PROVIDE METAL FLASHING AT ALL HORIZONTAL TRANSITIONS AND MIN. 3/8" SEALANT JOINTS AT ALL TRANSITIONS BETWEEN FINISHES / MATERIALS.

10. SEAL TOP OF ALL FLASHING TO MOISTURE BARRIER.

FOR ADDITIONAL INFORMATION.

DROP

TRASH DROP

TRASH DROP

TRASH

DROP

4'X6' METER  $^{-1}$ CENTER

11. PROVIDE URETHANE TRAFFIC COATING AT ALL CONCRETE PODIUM BALCONIES. 2. ALL BALCONIES AND PATIOS SHALL STEP DOWN 1/4" FROM INTERIOR FFE. SLOPE GROUND LEVEL PATIOS 1/4" / FT. AWAY FROM BUILDING AND FEATHER SLAB UP AT

ALL DOORS TO BE FLUSH WITH INTERIOR FFE. SEE WALL SECTIONS AND CIVIL DWGS.

13. PROVIDE MEMBRANE FLASHING AT TRANSITION BETWEEN WOOD FRAMED WALLS AND ELEVATED CONCRETE SLAB OR CMU STAIR / ELEVATOR WALLS.

14. ALL EXPOSED STEEL TO BE GALVANIZED AND PAINTED TO MATCH ADJACENT MATERIAL COLOR UNLESS PRE-FINISHED FACTORY COMPONENTS. ALL EXPOSED

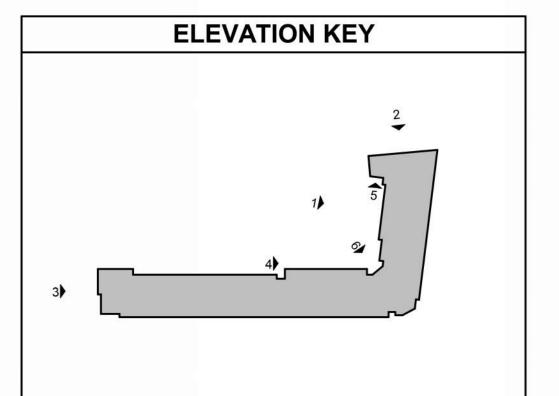
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16. ALL GROUND FLOOR GLAZING TO BE CLEAR GLASS - TYPICAL ALL ELEVATIONS. SEE A0.2 AND A10.0 FOR ENERGY PERFORMANCE REQUIREMENTS.

ALUMINUM COMPONENTS TO BE PRE-FINISHED PER AAMA 2604 STANDARDS.

D.S. DOWNSPOUT (SEE ROOF PLAN)

C.J. MASONRY CONTROL JOINT



# **EXTERIOR MATERIAL SCHEDULE**

PROVIDE MATERIAL SAMPLES AND PAINT SAMPLES FOR REVIEW PRIOR TO

675.02' LEVEL 1.1

CONSTRUCTION OF MOCK-UP WALL. FINAL APPROVAL OF MATERIALS WILL BE GIVEN AFTER COMPLETION OF THE MOCK-UP WALL. SEE A13.0. ALL EXTERIOR SEALANTS, FLASHING, AND VENT CAPS SHALL MATCH THE COLOR OF

THE ADJACENT VENEER MATERIALS. MASONRY CONTROL JOINTS SHALL MATCH THE MORTAR COLOR.

IF EXTERIOR PAINT SELECTIONS ARE NOT DEFINED AT THE TIME OF PRICING GC TO ASSUME 60% DEEP BASE PAINT COLORS AND 40% LIGHT BASE COLORS. SEE SPECIFICATIONS FOR VARYING CRITERIA.

4. ALL BALCONY RAILS TO BE PRE-FINISHED (AAMA 2604) ALUMINUM. COLOR TBD.

. ALL MISCELLANEOUS METALS (SCUPPERS, DOWNSPOUTS, COPING) TO BE (COLOR).

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7. REFERENCE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

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EXTERIOR SIDING AND TRIM VENEER: F-1: FIBER-CEMENT PANELS & TRIM

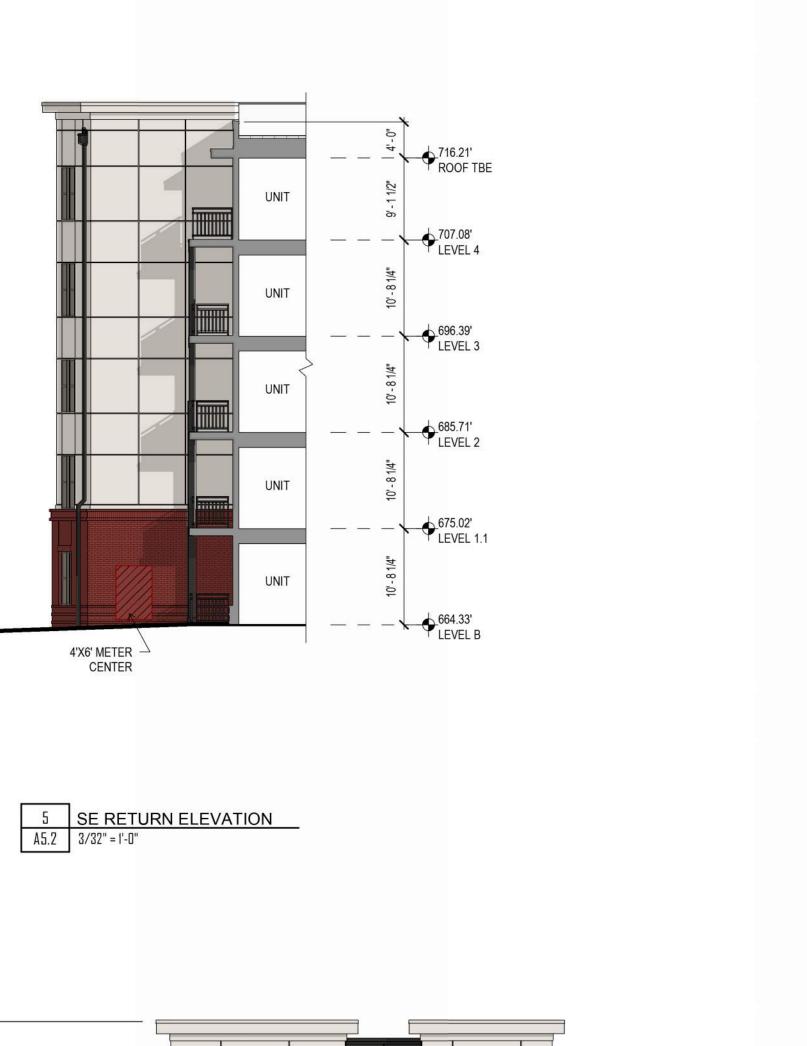
JAMES HARDIE HZ10 SMOOTH FINISH PANELS & TRIM, PRIMED FOR PAINT (SEE ENLARGED ELEVATIONS & SECTIONS FOR TRIM SIZE INFORMATION)

WINDOWS: ALUMINUM STOREFRONT: BLACK

PLYGEM 1500 SERIES, CLAY EXTERIOR W/ WHITE INTERIOR ALTERNATE: WHITE EXTERIOR W/ WHITE INTERIOR

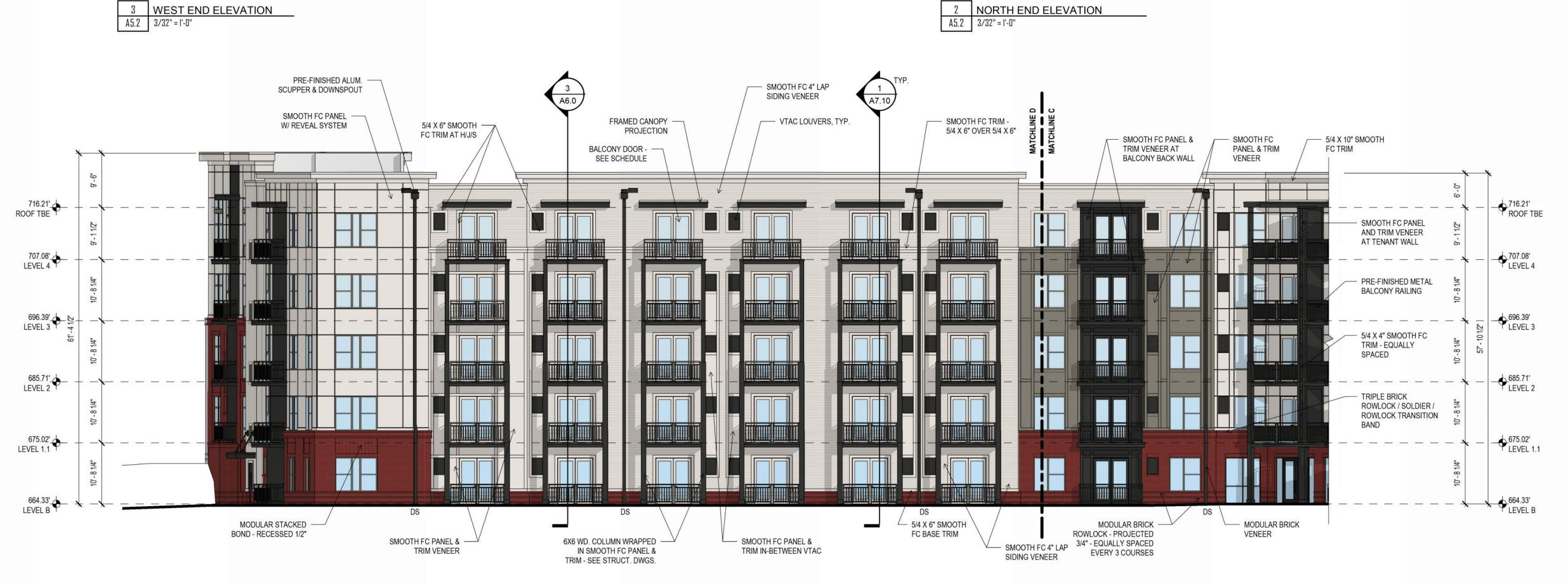
**BUILDING ELEVATIONS** 

1 PARKING LOT WEST ELEVATION
A5.2 3/32" = 1'-0"









-
→ 707.08'
LEVEL 4

685.71' LEVEL 2

716.21' ROOF TBE

716.21'-ROOF TBE

675.02'-LEVEL 1.1

707.08'-LEVEL 4

685.71'\_ LEVEL 2

675.02'\_ LEVEL 1.1

6 CLUB ELEVATION
A5.2 3/32" = 1'-0"

- 4'X6' METER

CENTER