

REQUIRED NOTES ON SITE PLANS - 7/20/2010 NPDES NOTE

By submission of these plans the engineer on record certifies that these plans are in complete conformance with the City of Bethlehem Storm Water Management Ordinance. (Per S. W. DeSalva 9-19-06)

INLET MARKER NOTE All public inlets should have inlet markers. The design of the inlet markers shall be approved by the City Engineer.

STORM WATER NOTES

The maintenance of storm water facilities shall be the owner's responsibility. The owner's deed, and the deed to any subsequent owner, shall note that the owner shall accept the maintenance responsibilities. The City of Bethlehem shall be permitted to inspect the storm water facilities on at least an annual schedule to ensure that any necessary corrective work is performed in a timely manner.

The drainage easement provides for the flow of storm water across lots, and may not be altered without the written permission of the City Engineer. No obstructions such as planting berms or fences may be installed in the drainage easements areas without sufficient provision for the passage of storm water, and any such proposed provision shall be approved in writing by the City Engineer.

REVISIONS NOTE

In order to maintain continuity between plan revisions, any changes to a previous plan submission shall be flagged with a triangle. Any changes not flagged may be considered not approved. Flagged changes shall be referenced to the appropriate revision date in the revision block.

AS-BUILT NOTE

Accurate as-built plans shall be kept up to date during the construction process. At the completion of the project record drawings shall be developed from the as-built plans and submitted to the City Engineer's Office. All final drawings shall show North American Datum (NAD) 1983 State Plane Coordinates in feet (Pennsylvania South, FIPS Zone 3702) and the digital file shall be in State Plane Feet Coordinates as applicable. The hard copy of the record drawings shall be in the form of a Mylar copy. The engineer of record shall certify (i.e. P.E. stamped and signed) that the record drawings comply substantially with the approved plan and that they conform to industry standards. All digital files shall reside on PC compatible CD Rom containing the digital representation of the final plan as presented on the twenty-four (24) inch by thirty-six (36) inch sheets. The digital map shall be AutoCAD compatible. All layers included in the digital maps shall be the standardized layers prepared and utilized by the City of Bethlehem to ensure compatibility with the City's existing CAD standards and as described in Appendix A of the City's Subdivision and Land Development Ordinance.

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ENGINEERING PERMITS NOTE Prior to any work within the Right-of-Way, permits must be obtained from City Engineering Office.

Macadam RETAINING WALL NOTE Detail of retaining wall is required. A note shall be added to the plan stating the design and details of the retaining but a cortified by an Engineer experienced in the design of retaining walls and licensed in the State of Pennsylvania, will be submitted to the City for review and approval.

MISCELLANEOUS INFORMATION/ DESIGN STANDARDS

SANITARY SEWER LOCATION DESIGN STANDARD

North & South = 5' West of centerline East & West = 5' South of centerline (Per J. Mari 7-5-06)

ROAD CONSTRUCTION OR OVERLAY

Super pave is required and must meet Penn DOT specifications Pub.408 (Per L. Mika 10-5-05)

IMPERVIOUS SURFACE FEE

If on-lot detention no fee is charged. Impervious surfaces - additions, decks, patios, garages, driveways, sheds, similar structures, roof, parking areas, driveways areas, new streets, new sidewalk.

EXEMPT - existing gravel crushed stone, hard packed soil. Square feet of new impervious surface x 0.1 = \$ cost only if no detention is proposed.

LVPC REVIEWS

Note that the LVPC reviews all site plans that it is required to sign prior to being recorded in the courthouse of either Northampton or Lehigh County, regardless of the size of the site or the net amount of impervious surfaces. The LVPC is not required to review a Storm Water Management Plan for a site that does not result in an increase of 10,000 square feet of impervious surfaces. (Per S. W. DeSalva 09-19-06)

EROSION & SEDIMENTATION CONTROL PLAN

A plan is required for earth disturbance activity of 5,000 square feet or more. City requires County Conservation (LCCD or NCCD) review of 1 acre (43,560 square feet) or more.

TAPPING FEE

In accordance with Ordinance No. 4342, at the time of a request for a building permit or at the execution of the developer's agreement, a sanitary sewer tapping fee of \$2,527 per EDU will need to be paid. The total amount will be determined when a sanitary sewer facilities planning module application is submitted. Please include a cover letter describing the project in the planning module submittal.

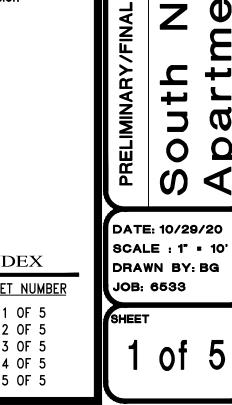
GENERAL NOTES

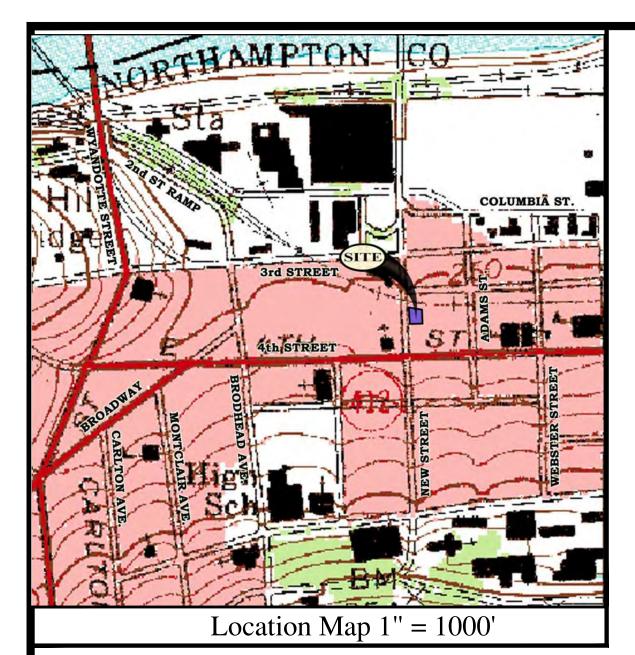
- 1. The maintenance of the storm water facilities shall be the owner's responsibility. The owner's deed, and the deeds to any subsequent owner, shall note that the owner shall accept the maintenance responsibilities. The City of Bethlehem shall be permitted to inspect the storm water facilities on at least an annual schedule to ensure that any necessary corrective work is performed in a timely manner. All public inlets should have inlet markers. The design of the inlets shall be approved by the City Engineer. The drainage easement provides for the flow of stormwater across lots, and may not be altered without the written permission of the City Engineer. No obstructions shuch as planting berms or fences may be installed in the drainage easement areas without sufficient provision for the passage of stormwater, any such proposed provision shall be approved by the City Engineer.
- 2. All driveways shall be a minimum of 2' off of the property line. 5. Accurate as—built plans shall be kept up to date during the construction process. At the completion of the project record drawings shall be developed from the as-built plans and submitted to the City Engineer's Office. All final drawings shall show North American Datum (NAD) 1983 State Plane Coordinates in feet (Pennsylvania South, FIPS Zone 3702) and the digital file shall be in State Plane Coordinates as applicable. The hard copy of the record drawing shall be in the form of a Mylar copy. The engineer of record shall certify (i.e. P.E. stamped and signed) that the record drawings comply substantially with the approved plan and that they conform to industry standards. All digital files shall reside on PC compatible CD Rom containing the digital representation of hte final plan as presented on the twenty-four (24) inch by thirty-six (36) inch sheets. The digital map shall be AutoCAD compatible. All layers included in the digital maps shall be the standardized layers prepared and utilized by the City od Bethlehem to ensure compatiblity with the City's existing CADD standards and as described in Appendix A of the City's Subdivision and Land Development Ordinance. 4. NPDES NOTE - By submission of these plans the engineer of record
- certifies that these plans are in complete conformance with the City of Bethlehem Storm Water Management Ordinance. 5. REVISION NOTE - In order to maintain continuity between plan
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REPRESENTS THE LANDS OF THE OWNER AND, WHERE APPLICABLE, THE LOTS, BUILDINGS, PARKING AREAS, WALKWAYS, AND OTHER STRUCTURES AND IMPROVEMENTS SHOWN HEREON.

> LARRY S. TUROSCY, P.E. 16705-E R.S. 14112-E 499 RIVERVIEW DRIVE, P.O. BOX 68

PLAN SHEET	INDEX
<u>PLAN TITLE</u>	SHEET NUMBER
Record Plan Existing Features Plan Grading & Utility Plan Landscaping Plan Detail Plan	1 OF 5 2 OF 5 3 OF 5 4 OF 5 5 OF 5





BEFORE YOU DIG – DRILL – BLAST Call 1-800-242-1776 (TOLL FREE)

PENNSYLVANIA ONE CALL SYSTEM, INC. In compliance with Act 38, it shall be the Contractors responsibility to contact individual companies to have utility locations marked in the field and to otherwise locate underground objects as may be necessary prior to the start of construction. Pennsylvania Law requires 3 working days notice for the construction phase and 10 working days in design stage

UTILITIES LIST LEHIGH COUNTY CITY OF BETHLEHEM

UTILITY	CONTACT PERSON	ADDRESS	PHONE NO.
City of Bethlehem, Utilities	Water Control	10 East Church Street Bethlehem PA 18018	(610) 865–7077
PPL Electric Utilities	Liz Mease	827 Hausaman Road Allentown PA 18104	(484) 634–3268
RCN	Bob Roe	2124 Avenue C Bethlehem PA 18017	(610) 443–2956
Service Electric Cablevision, Inc.	Fran Swirble	2260 Aveune A, LVIP # 1 Bethlehem PA 18017	(610) 868–0902
U G I Corporation	Taylor Bet	2121 City Line Road Bethlehem PA 18001	(610) 866–0951
Verizon Communications	Mike Ciamaco	1800 E. Race Street Catasauqua PA 18032	(610) 264–2039
ZAYO Bandwidth	Joe Nuzzo	400 Centennial Parkway Suite 200 Louisville CO 80027	(610) 628–9365

	MAP LEGEND
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EX. C-INLET

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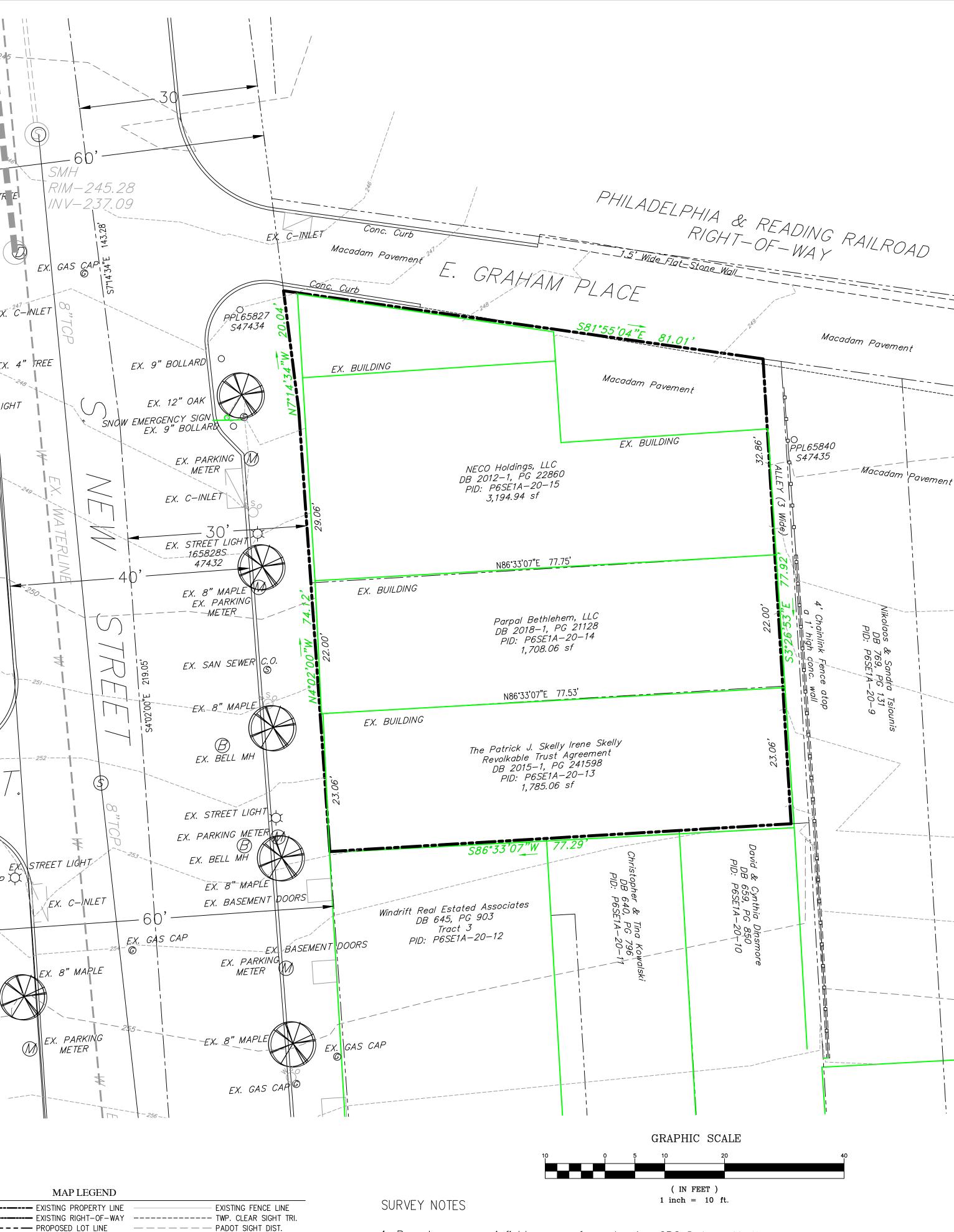
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1. Boundary survey infield was performed using GPS Datum. Vertical datum (North American Vertical Datum of 1988——NAVD 88) and the Horizontal datum (The United States National Space Reference System NAD 83).

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EXISTING WATER MAIN

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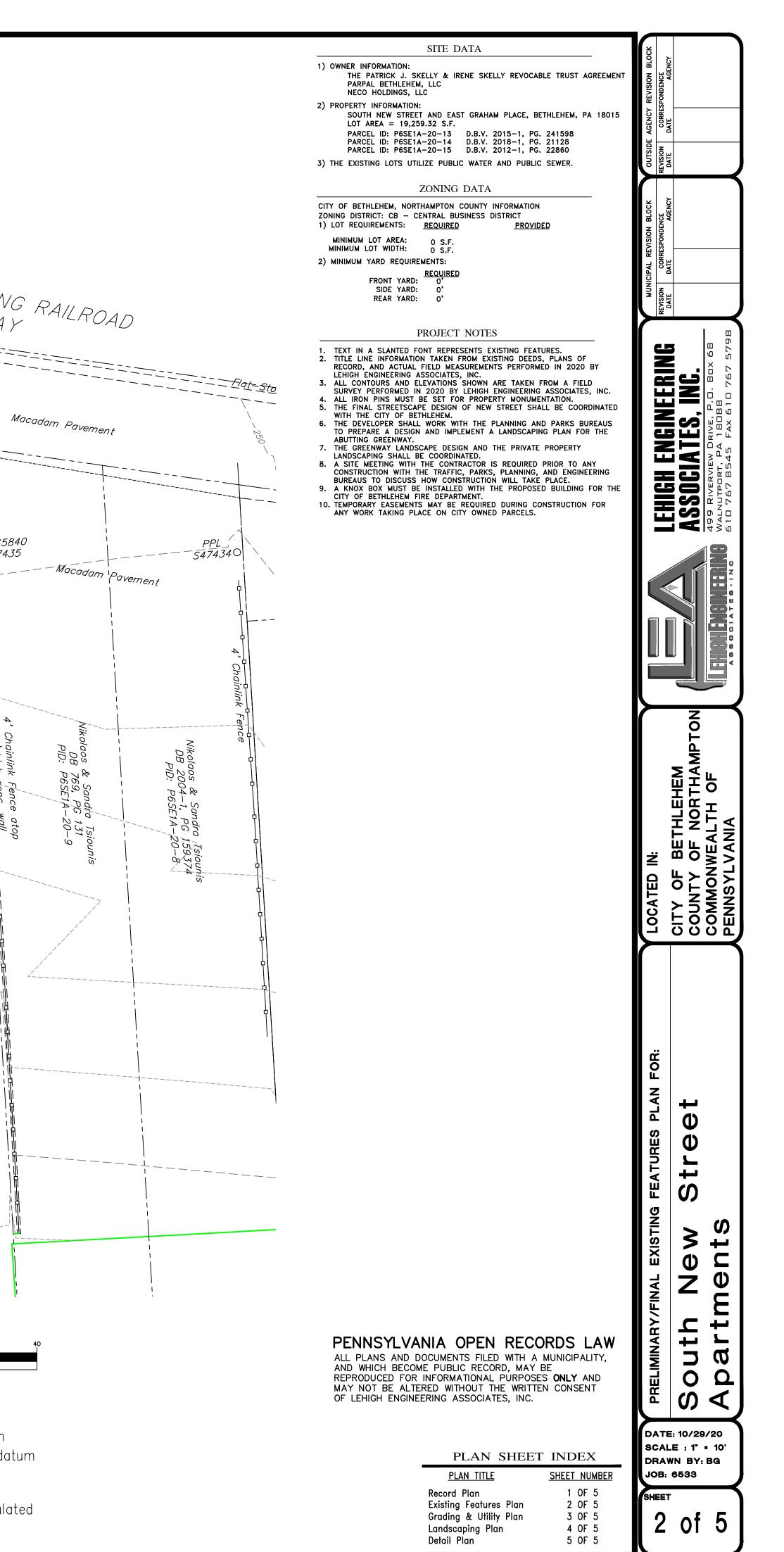
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SANITARY LATERAL

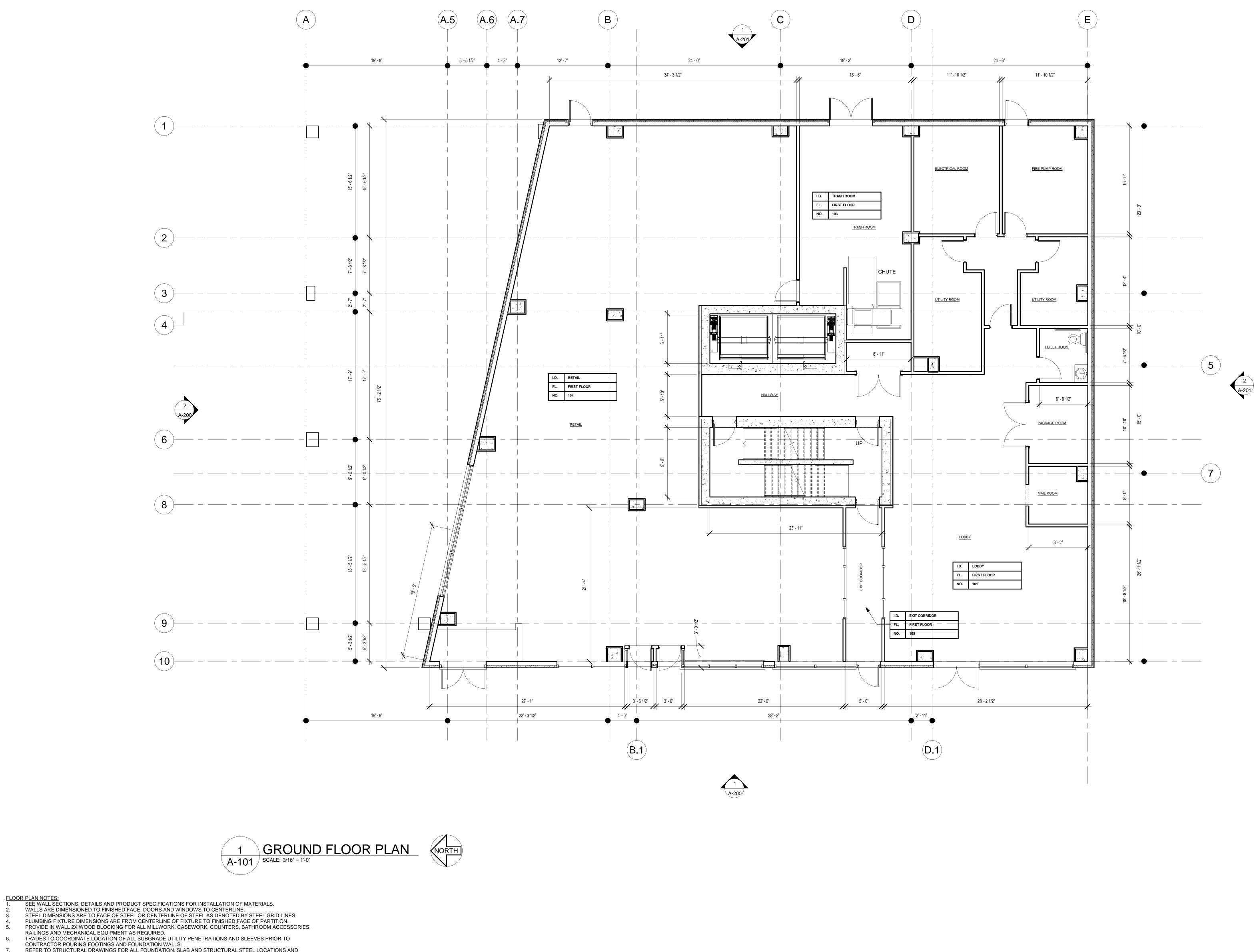
EXISTING WATER LATERAL

EXISTING SHRUB ROW

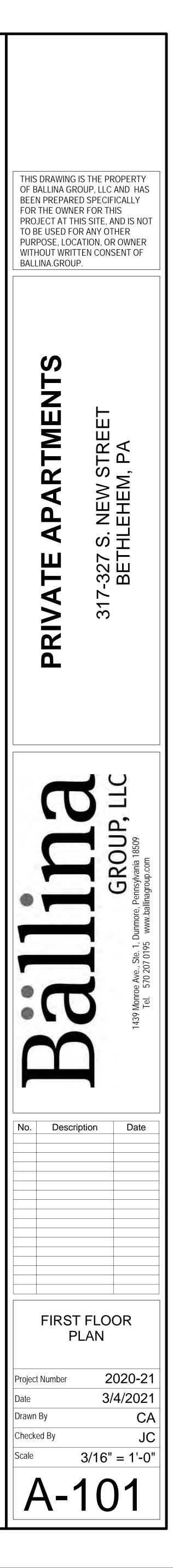
2. The right—of—way line of S. New Street was determined from the calculated centerline by the curb points in the field.

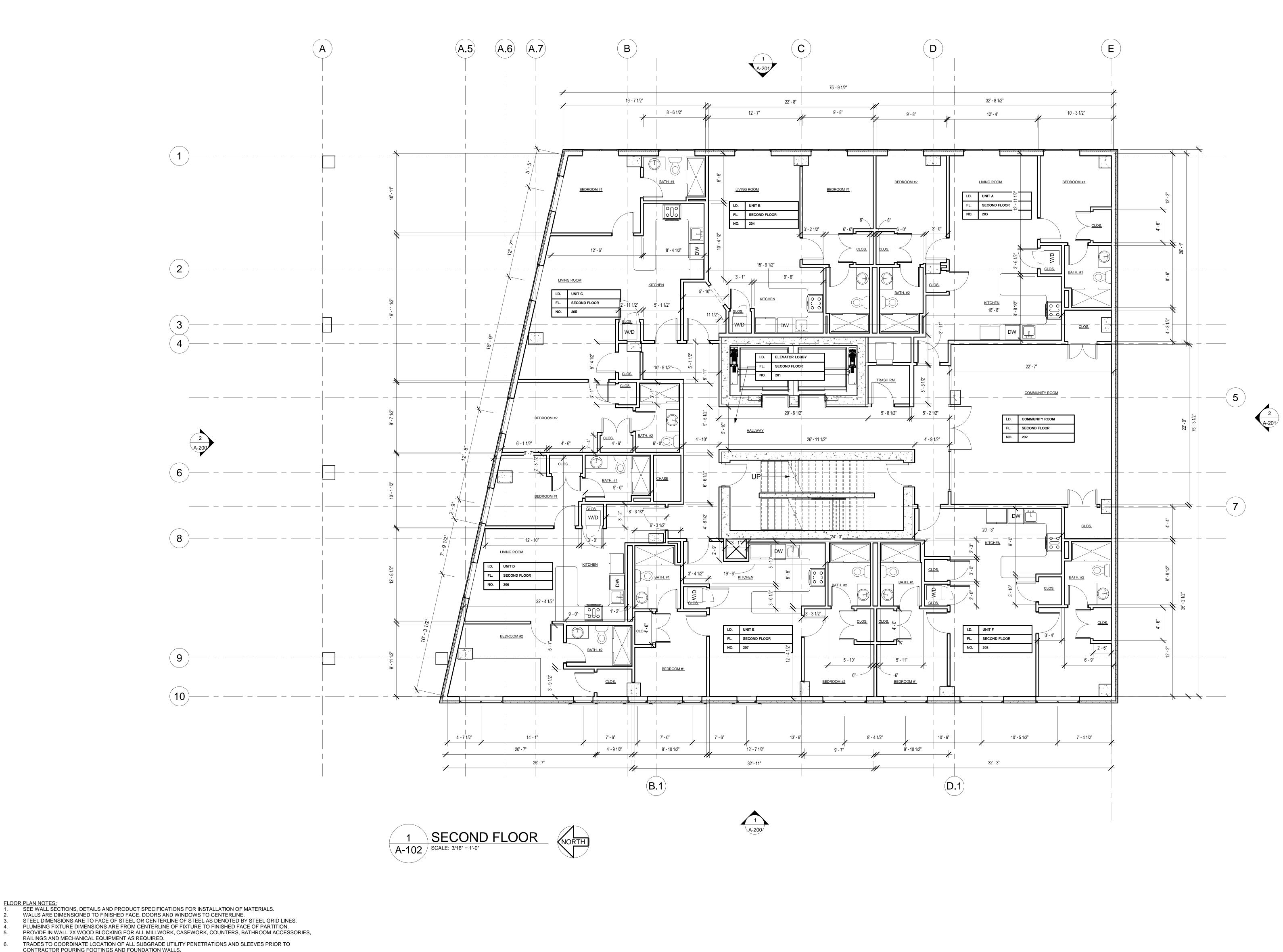


⁶⁵³³_South_NewSt_Apartments_base3D.dwg



- REFER TO STRUCTURAL DRAWINGS FOR ALL FOUNDATION, SLAB AND STRUCTURAL STEEL LOCATIONS AND DETAILS.
- REFER TO FIRE PROTECTION DRAWINGS FOR ALL SPRINKLER HEAD AND PIPING SIZES AND LOCATIONS. REFER TO PLUMBING DRAWINGS FOR ALL PIPING LAYOUT, SIZES AND FIXTURE SCHEDULE. REFER TO MECHANICAL DRAWINGS FOR ALL HVAC LOCATIONS AND DETAILS. NOTE THIS SYSTEM IS A PARTIAL 10.
- PLENUM RETURN. REFER TO ELECTRICAL DRAWINGS FOR ALL EMERGENCY LIGHTING, POWER, DATA, TELEPHONE OUTLET 11. QUANTITIES AND LOCATIONS.



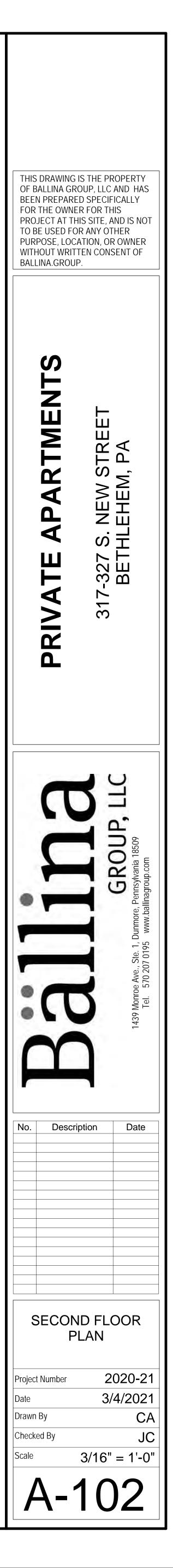


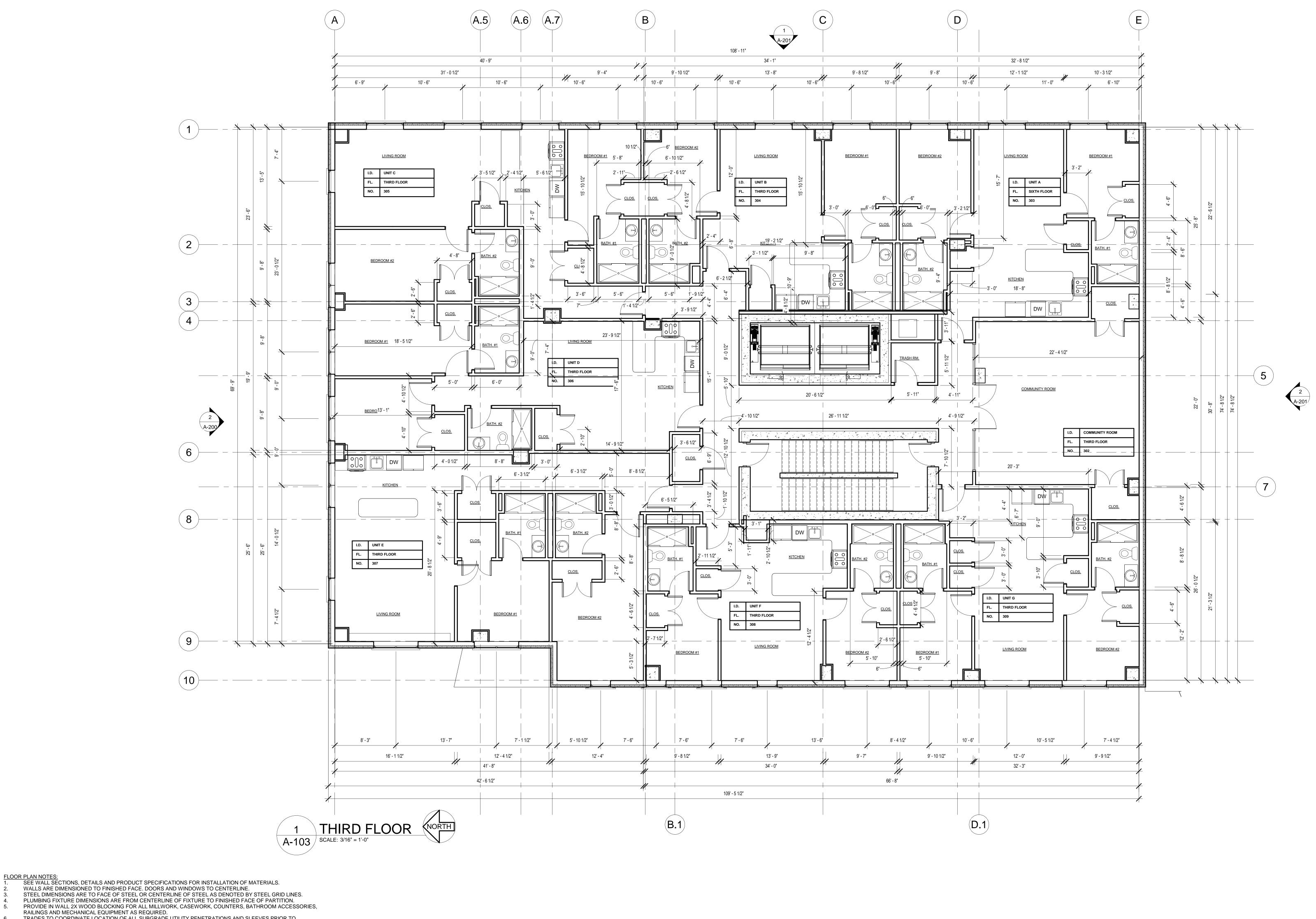
CONTRACTOR POURING FOOTINGS AND FOUNDATION WALLS. REFER TO STRUCTURAL DRAWINGS FOR ALL FOUNDATION, SLAB AND STRUCTURAL STEEL LOCATIONS AND 7. DETAILS.

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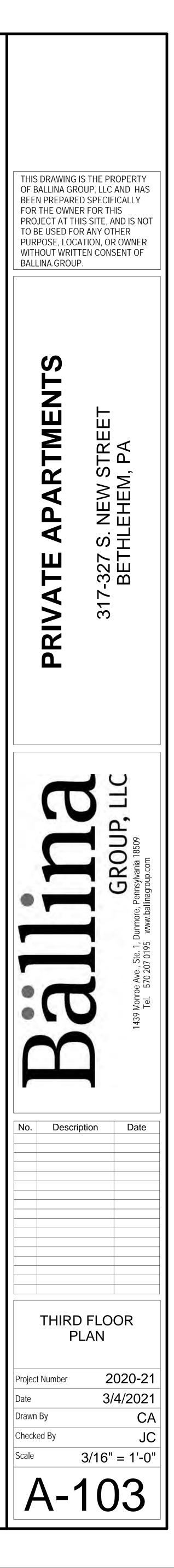


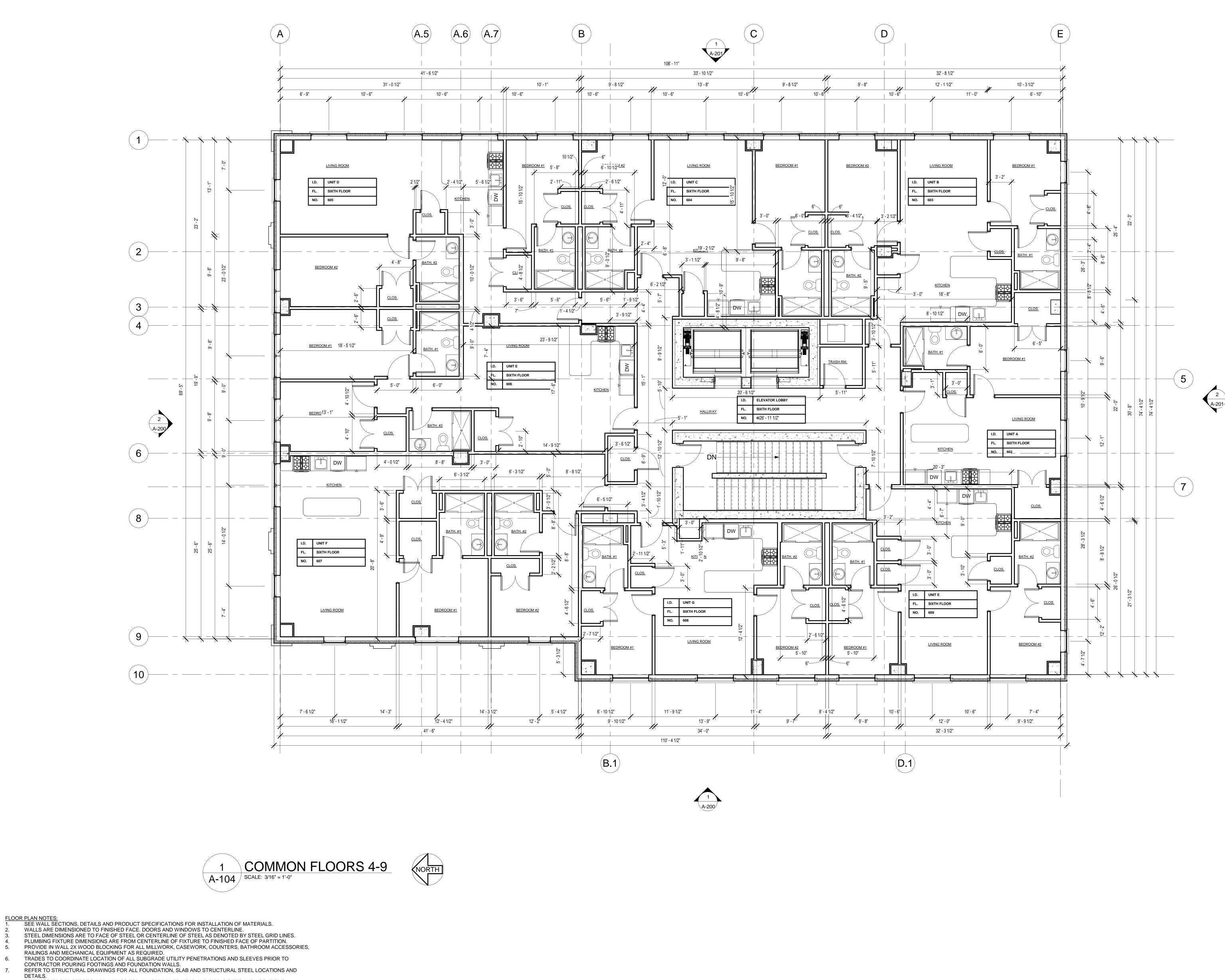


RAILINGS AND MECHANICAL EQUIPMENT AS REQUIRED. TRADES TO COORDINATE LOCATION OF ALL SUBGRADE UTILITY PENETRATIONS AND SLEEVES PRIOR TO 6 CONTRACTOR POURING FOOTINGS AND FOUNDATION WALLS.

QUANTITIES AND LOCATIONS.

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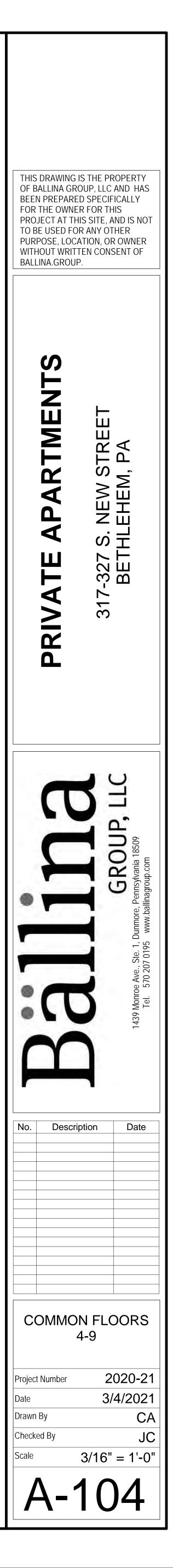


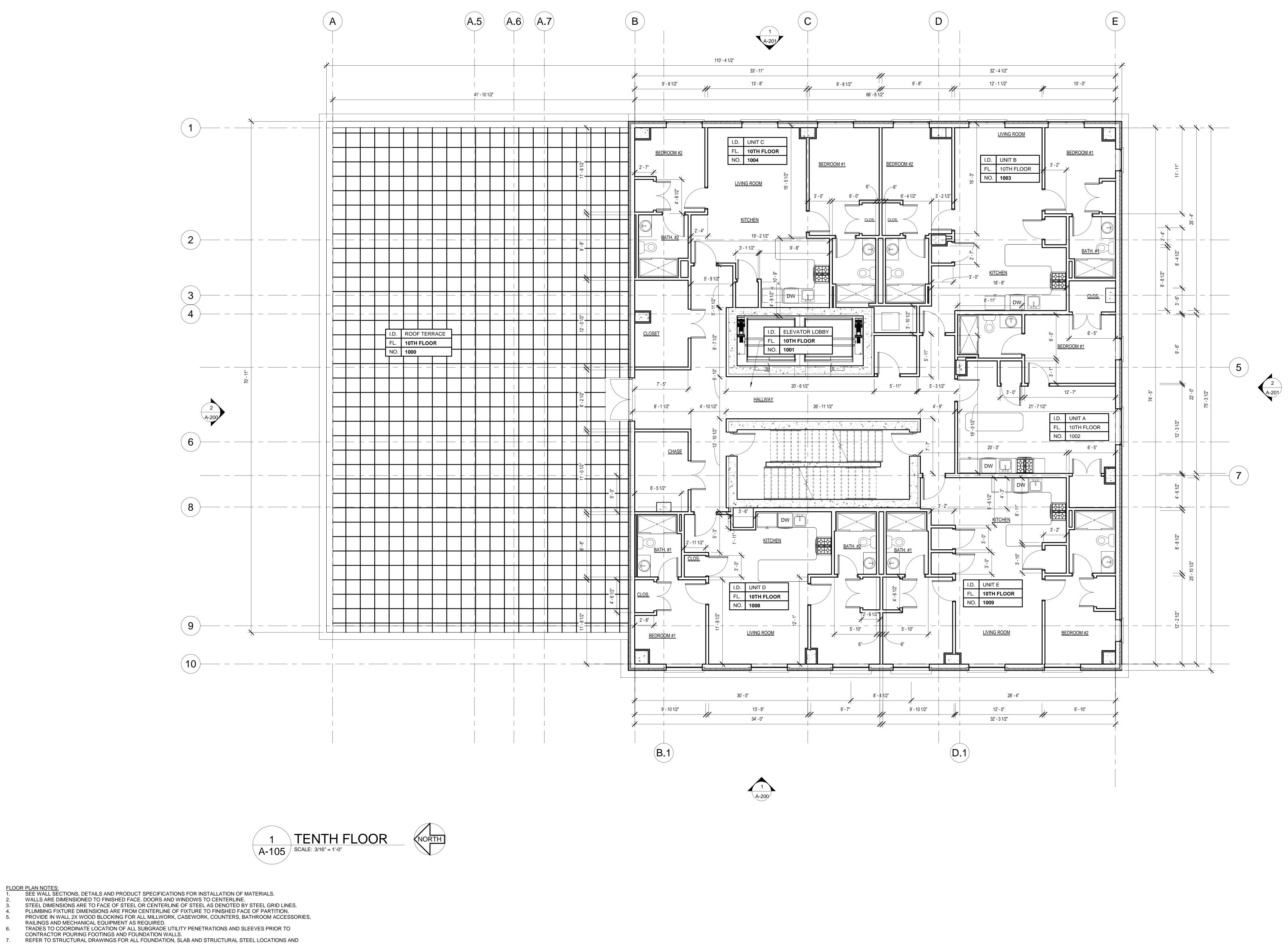
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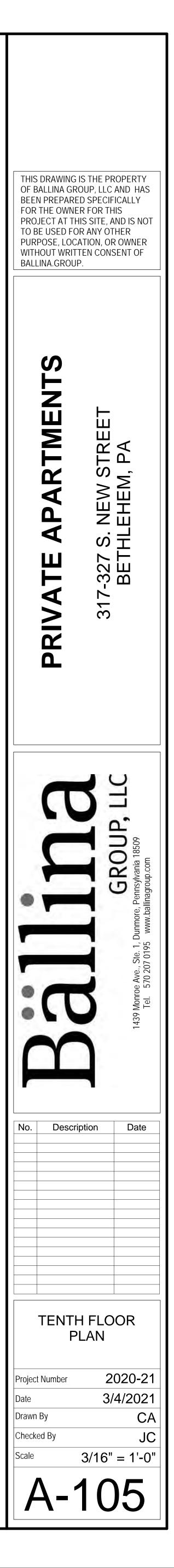
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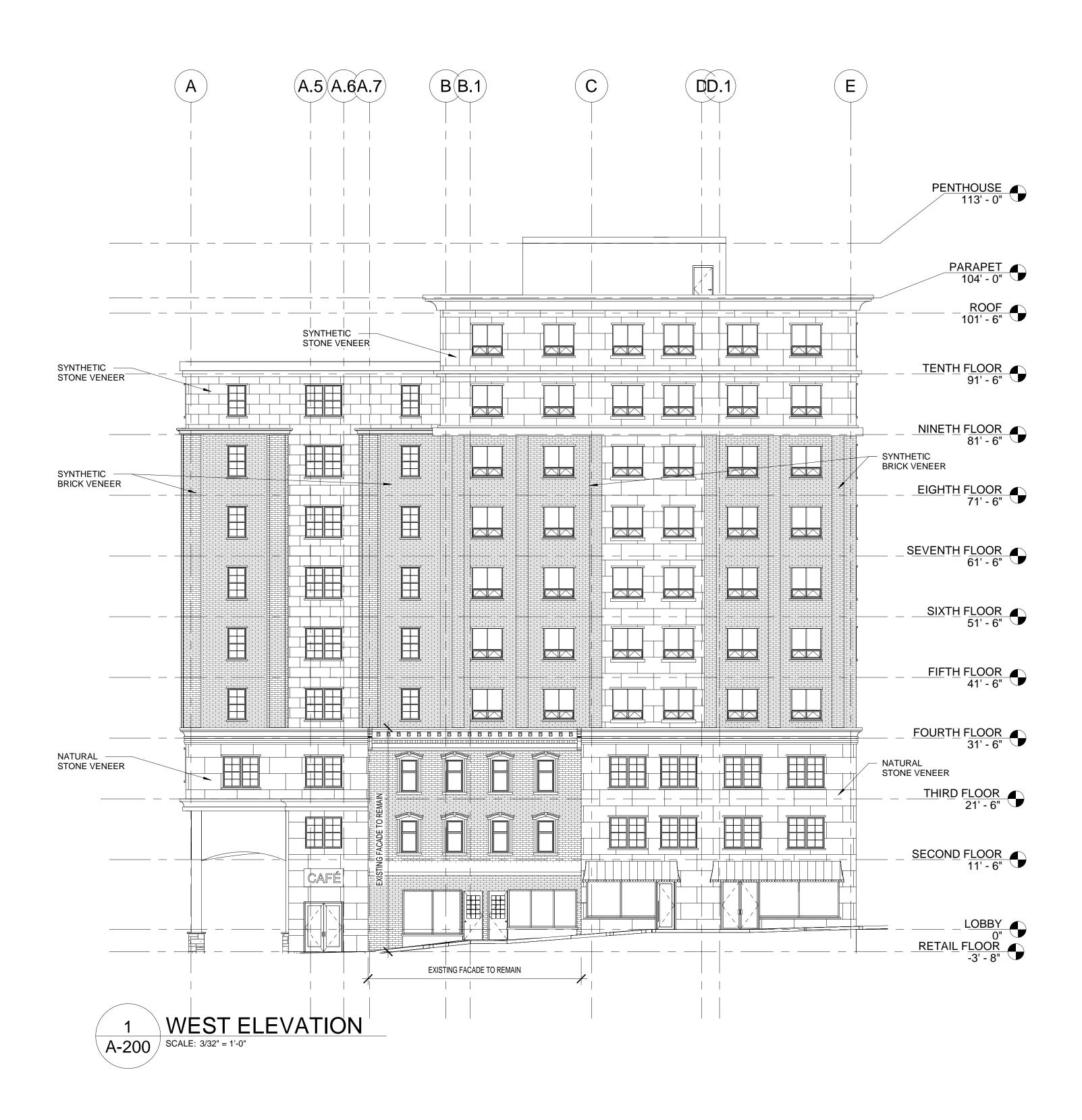


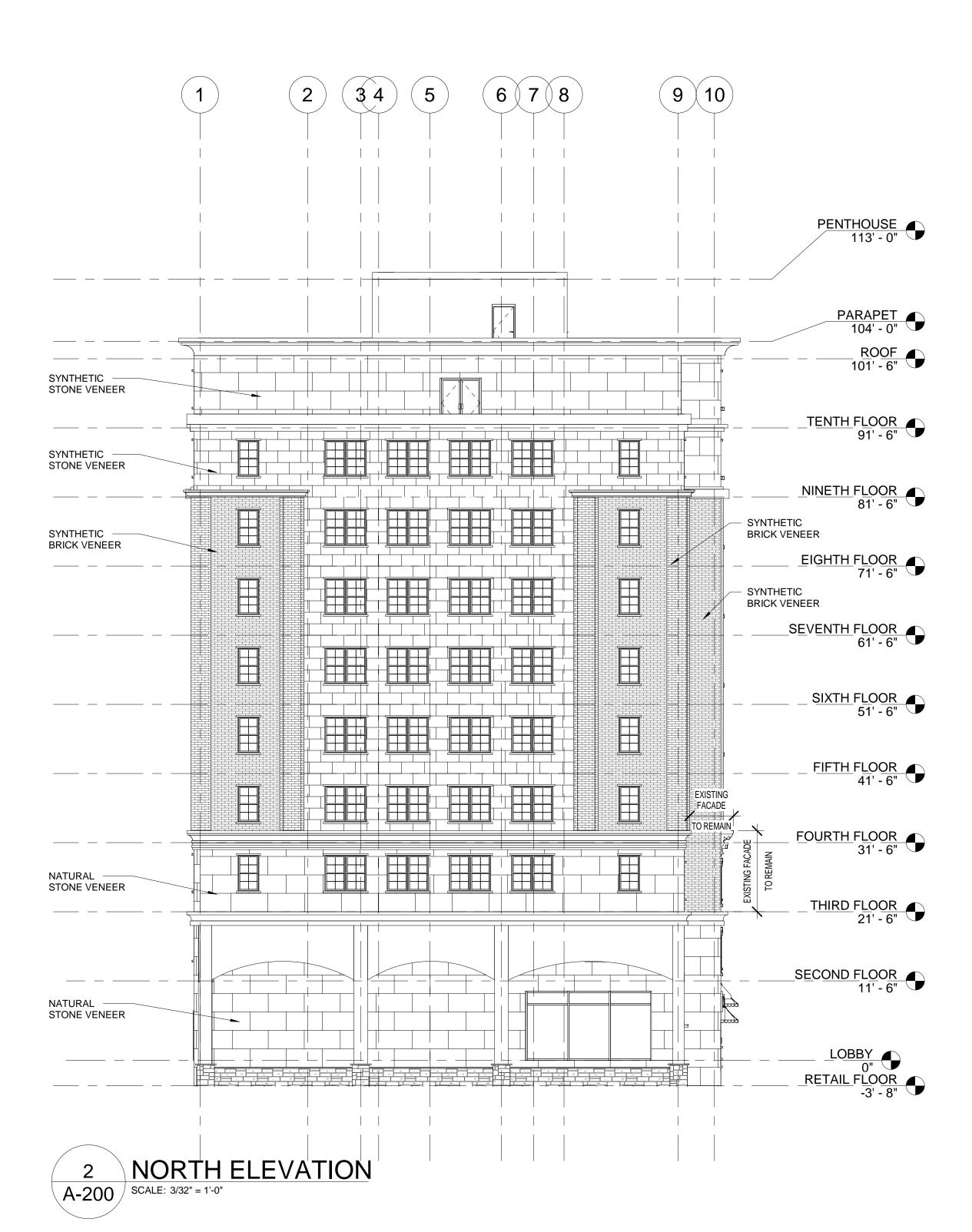
DETAILS.

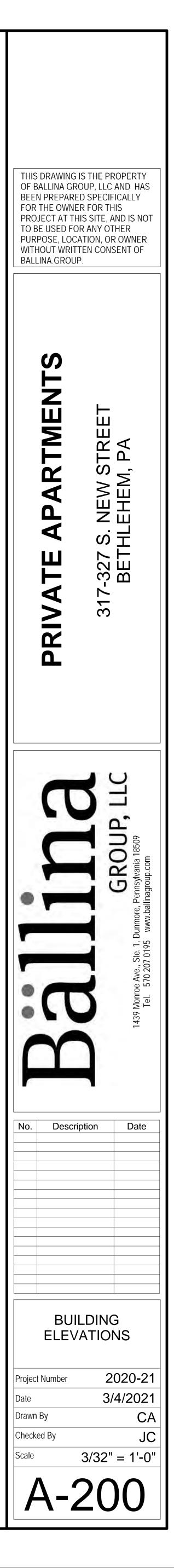
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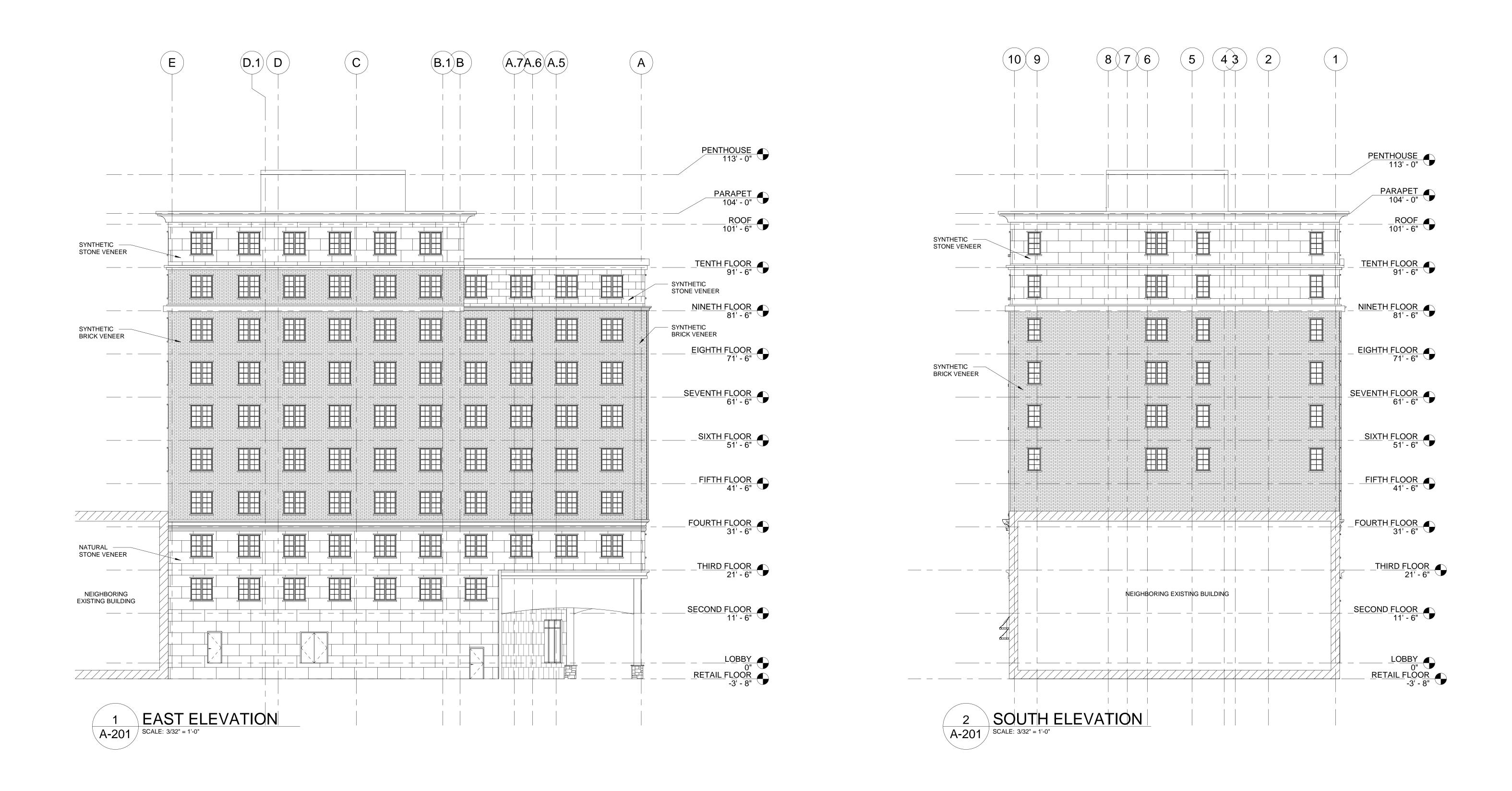


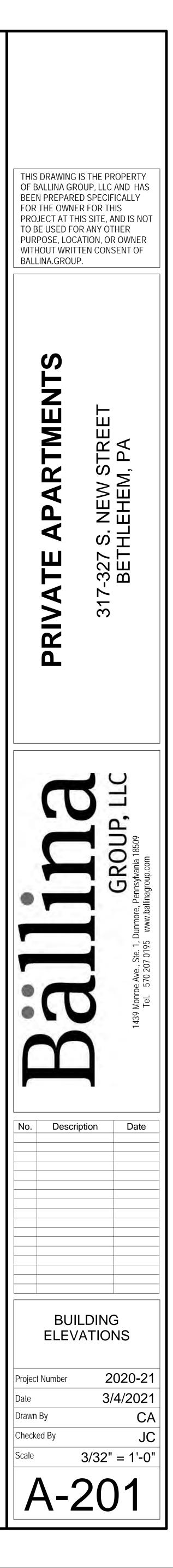
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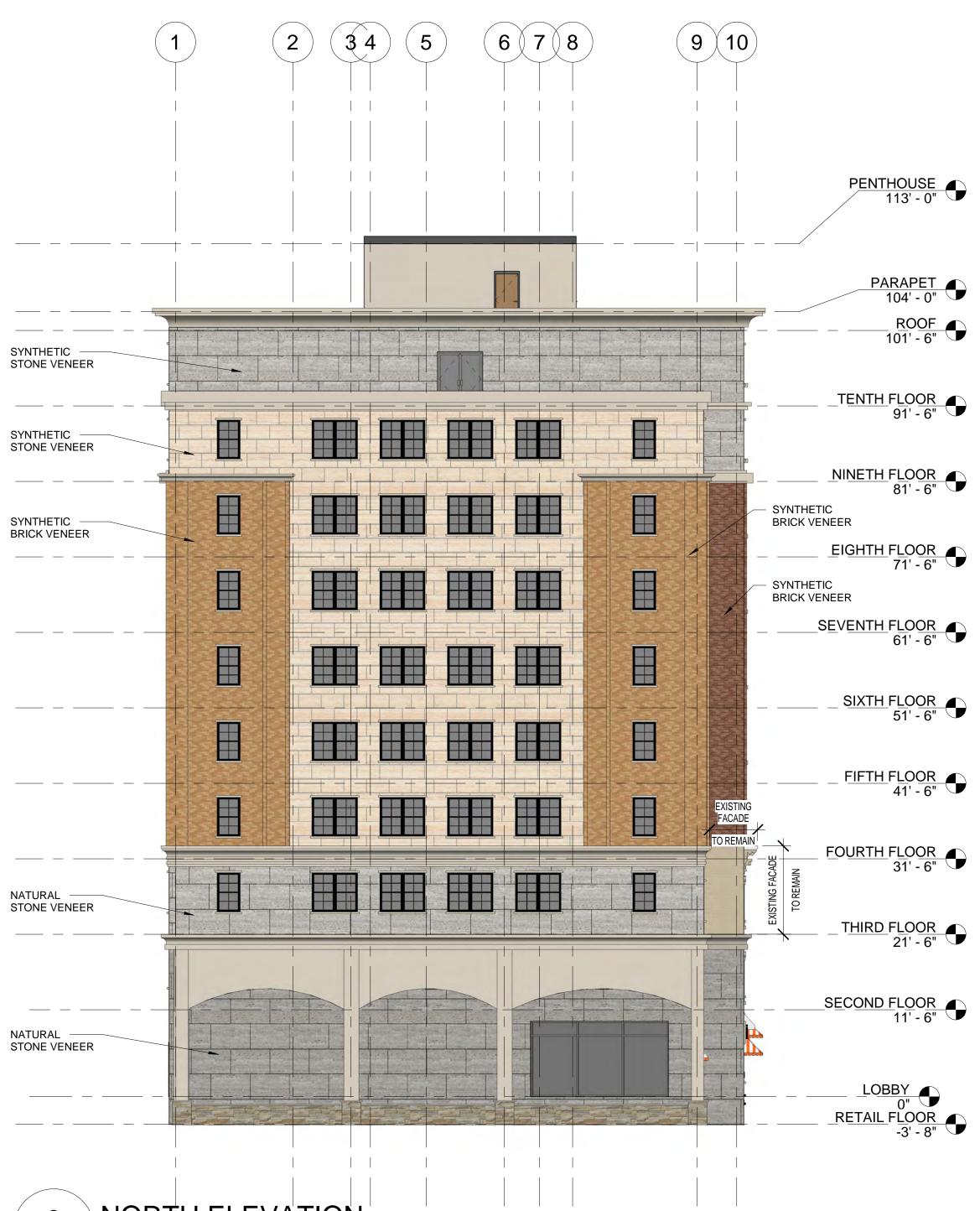


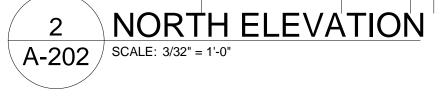


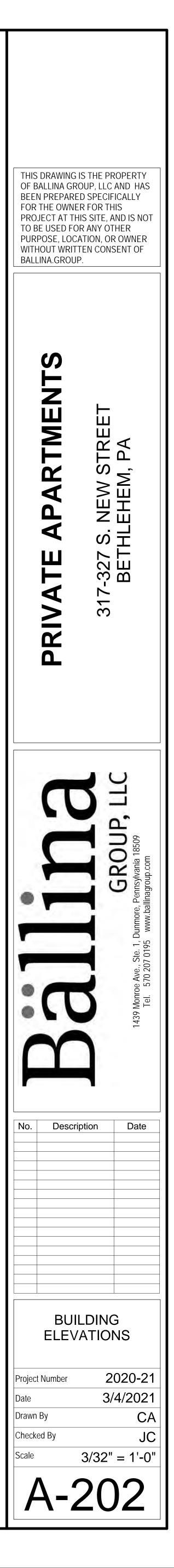






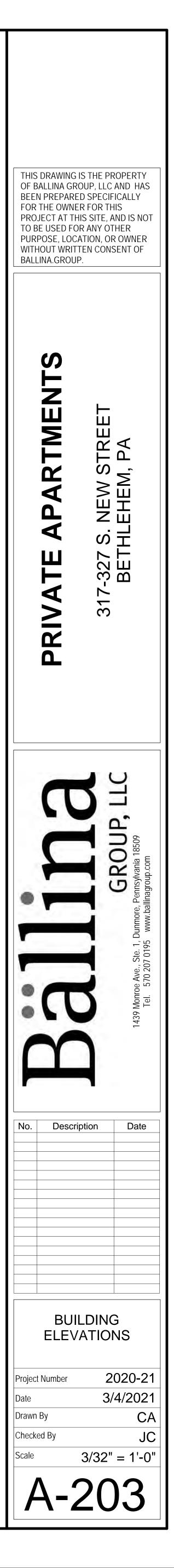






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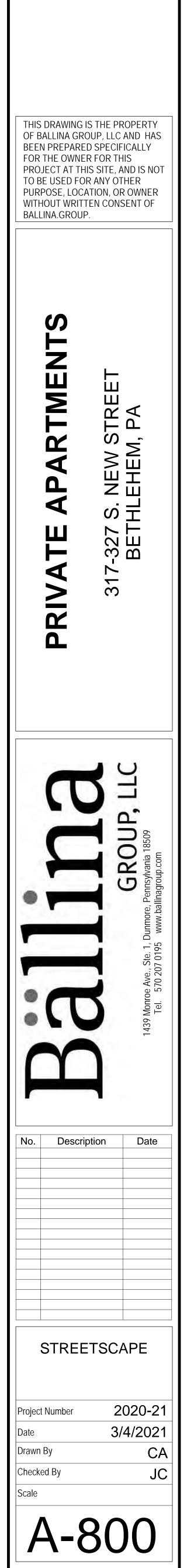


CURRENT STREETSCAPE



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OVERALL BUILDING



STREET VIEW LOOKING SOUTH ON S. NEW STREET

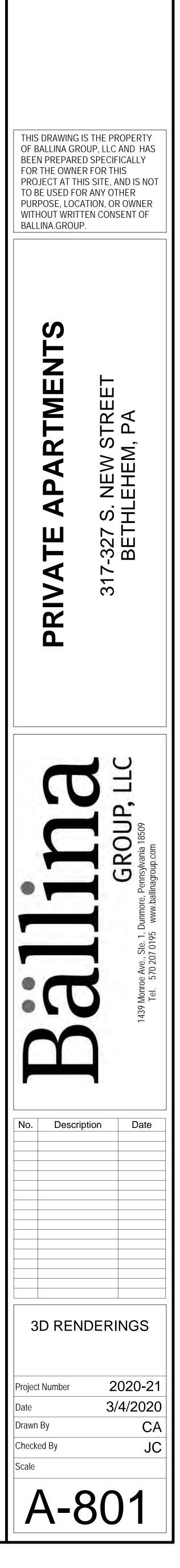


STREET VIEW LOOKING SOUTH ON S. NEW STREET



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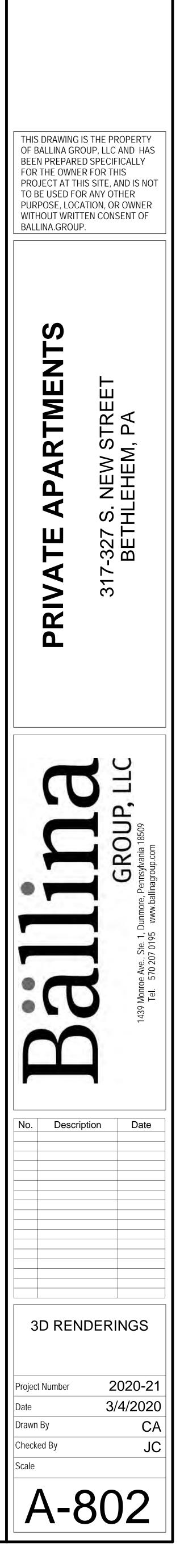
STREET VIEW LOOKING SOUTH ON S. NEW STREET



STREET VIEW LOOKING TOWARD GRAHAM PLACE



STREET VIEW LOOKING EAST FROM RINK

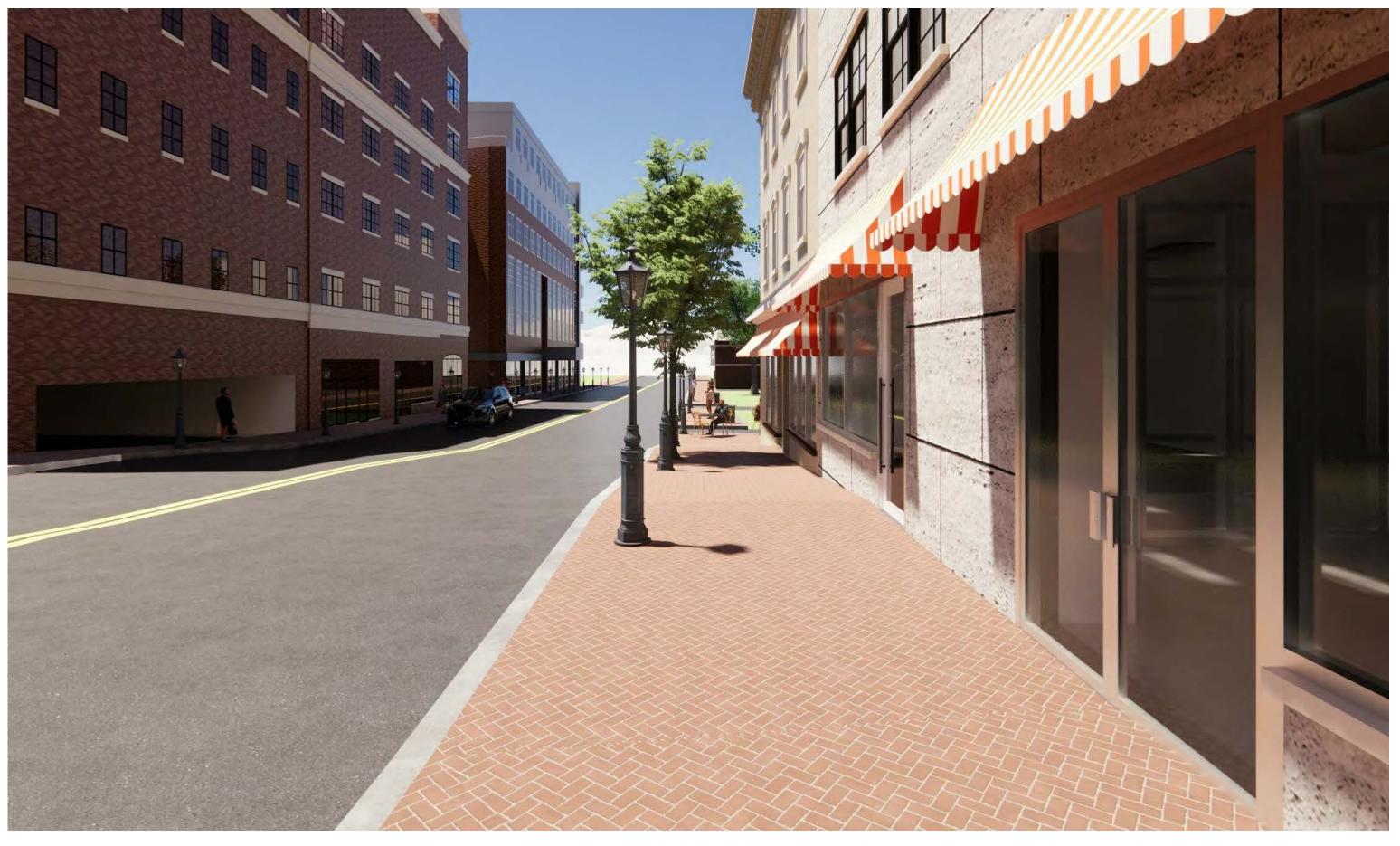




STREET VIEW LOOKING NORTH ON S. NEW STREET



ROOFTOP TERRACE



STREET VIEW LOOKING NORTH ON S. NEW STREET



ROOFTOP TERRACE

