GENERAL STRUCTURAL NOTES

STRUCTURAL SYSTEM: CAST-IN-PLACE CONCRETE, 8 STORIES (1 RETAIL + 7 HOUSING), 92 FT TO ROOF.

FLOORS: 10 IN. POST-TENSIONED FLAT PLATE, NO DROP BEAMS, KEEPS 11 FT FLOOR-TO-FLOOR.

COLUMNS: 12 x 36 IN. CONCRETE BLADE COLUMNS IN PARTY WALLS AND CORRIDOR WALLS. SIZES ARE PRELIMINARY AND DELIBERATELY LARGE.

LATERAL: 12 IN. CONCRETE SHEAR WALL CORES AT STAIR A/ELEVATORS (NORTH) AND STAIR B (SOUTH).

GRID: LINES A-D RUN THE LENGTH OF THE BAR. ODD NUMBERED LINES FOLLOW WEST PARTY WALLS, EVEN LINES FOLLOW EAST PARTY WALLS; ONLY LINE 5 IS CONTINUOUS.

FOUNDATIONS: 8 x 8 x 2'-6" SPREAD FOOTINGS AT COLUMNS (COMBINED 8 x 15 FOOTING AT B/C-5), 4 FT STRIP FOOTINGS UNDER CORE WALLS, 8 IN. SLAB ON GRADE. TOP OF FOOTING -2'-0".

CANTILEVER: 8 IN. BALCONY SLABS CANTILEVER 5 FT PAST GRID A ON THE WEST FACE, L02-L08.

EDGE BEAMS: 12 x 24 IN. SPANDRELS ON GRIDS A AND D. CORE ROOFS: W-SHAPE BEAM SYSTEMS AT 4 FT O.C. ON METAL DECK.

NO TRANSFER LEVEL: ALL COLUMNS STACK FROM FOOTING TO ROOF.

SHEET INDEX

Sheet Number	Sheet Name
S001	GENERAL NOTES + SHEET INDEX
S101	FOUNDATION PLAN
S102	TYPICAL FRAMING PLAN - L02 TO L08
S103	ROOF + CORE ROOF FRAMING PLANS
S201	GRID A FRAMING ELEVATION
S202	FRAMING SECTION AT GRID 5
S301	3D STRUCTURE - TAGGED

1155 THIRD STREET
MIXED-USE HOUSING
STRUCTURAL SET

PROJECT TEAM
ARCHITECTURE:
C. SUDA (MODULE 4 MODEL, LINKED)

STRUCTURE:
C. SUDA (MODULE 6 MODEL)

CEE 120A/220A
STANFORD UNIVERSITY
AUTUMN 2026

No.	Description	Date

1155 Third Street - Structure

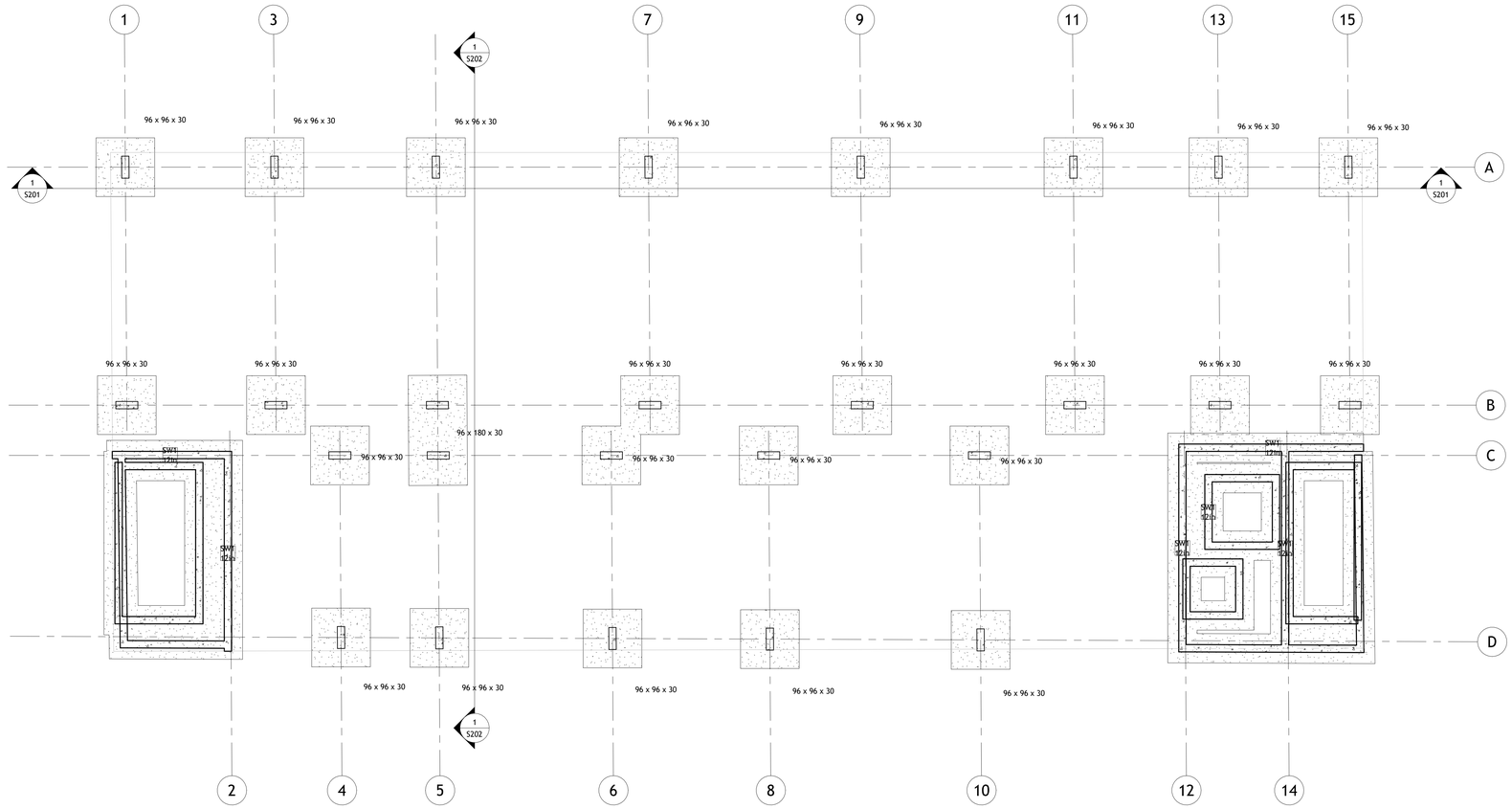
GENERAL NOTES + SHEET INDEX

Project Number	CEE 120A M06
Date	11/14/2026
Drawn By	C. Suda
Checked By	-

S001

Scale

11/14/2026 4:21:22 AM



1 FOUNDATION PLAN
1/8" = 1'-0"

1155 THIRD STREET
MIXED-USE HOUSING
STRUCTURAL SET

PROJECT TEAM
ARCHITECTURE:
C. SUDA (MODULE 4 MODEL, LINKED)

STRUCTURE:
C. SUDA (MODULE 6 MODEL)

CEE 120A/220A
STANFORD UNIVERSITY
AUTUMN 2026

No.	Description	Date

1155 Third Street - Structure

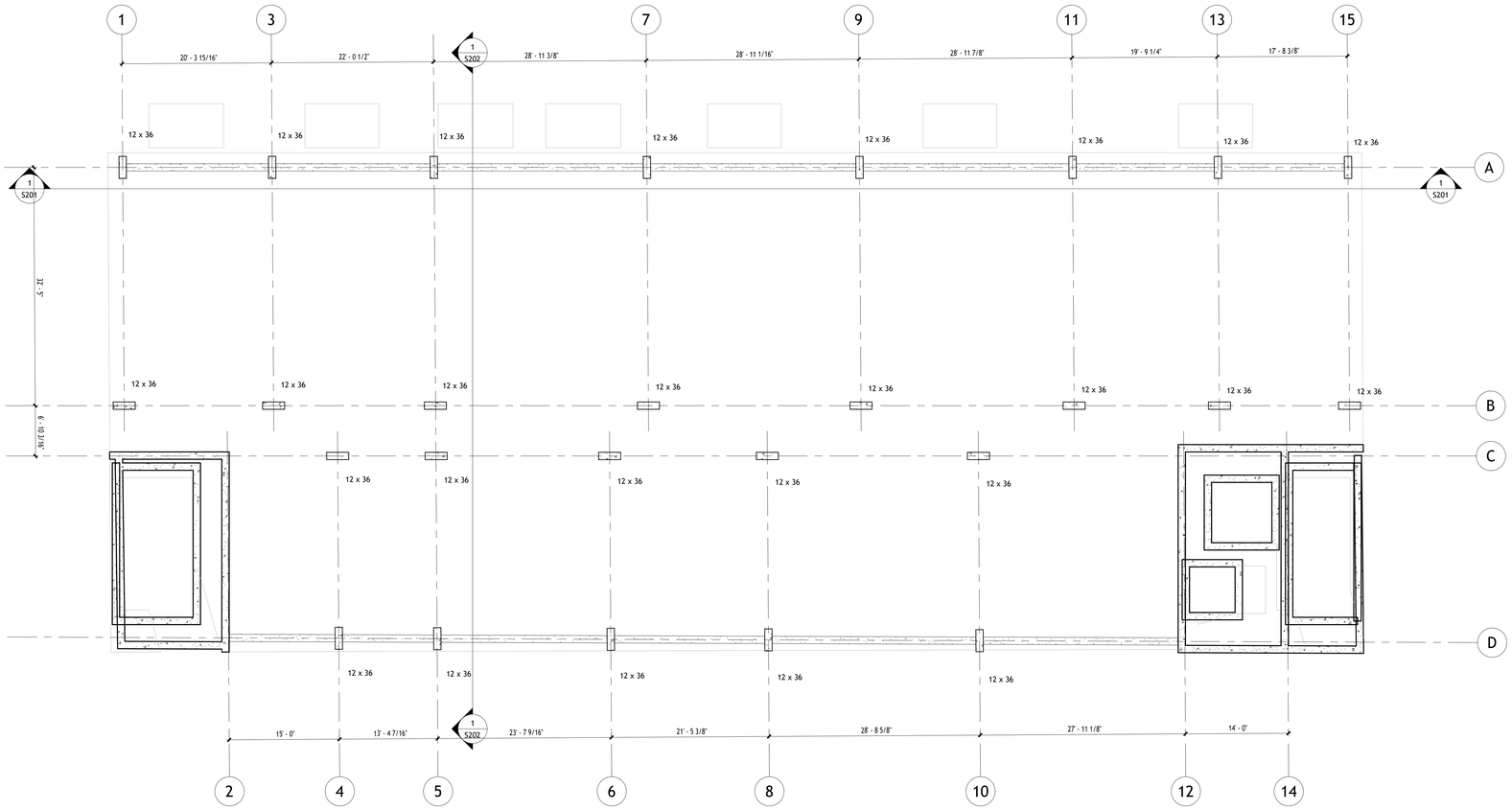
FOUNDATION PLAN

Project Number	CEE 120A M06
Date	11/14/2026
Drawn By	C. Suda
Checked By	-

S101

Scale 1/8" = 1'-0"

11/14/2026 4:21:23 AM



1 TYPICAL FRAMING PLAN (L03 SHOWN, L02-L08 SIM.)
1/8" = 1'-0"

1155 THIRD STREET
MIXED-USE HOUSING
STRUCTURAL SET

PROJECT TEAM
ARCHITECTURE:
C. SUDA (MODULE 4 MODEL, LINKED)

STRUCTURE:
C. SUDA (MODULE 6 MODEL)

CEE 120A/220A
STANFORD UNIVERSITY
AUTUMN 2026

No.	Description	Date

1155 Third Street - Structure

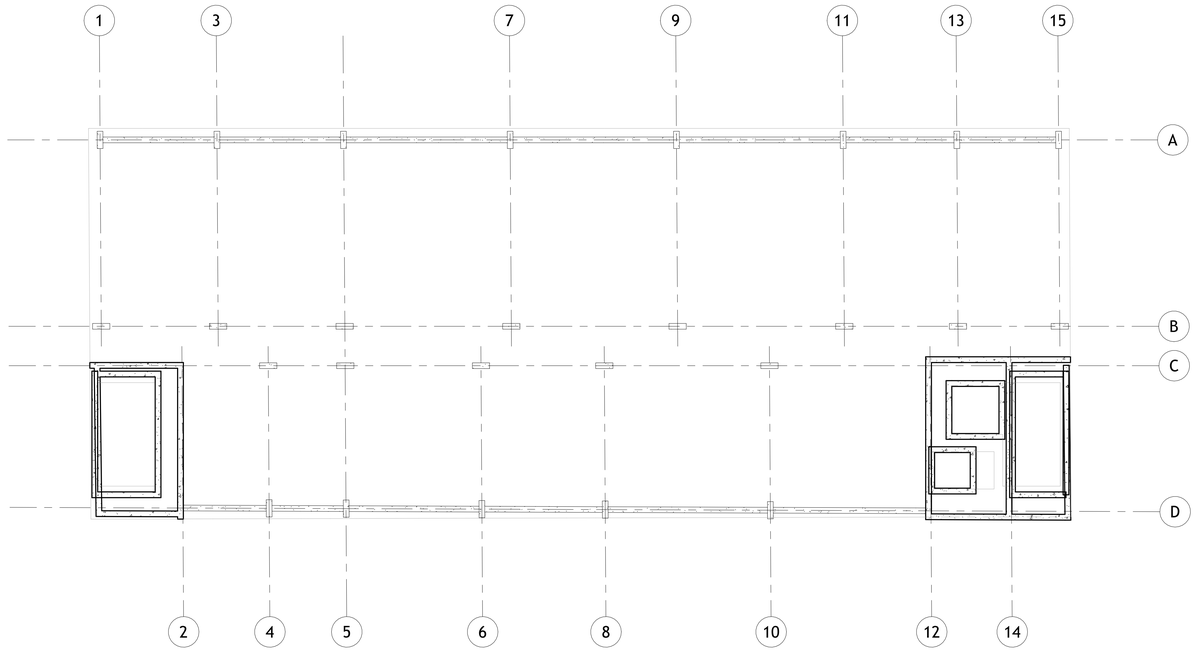
TYPICAL FRAMING PLAN - L02 TO L08

Project Number	CEE 120A M06
Date	11/14/2026
Drawn By	C. Suda
Checked By	-

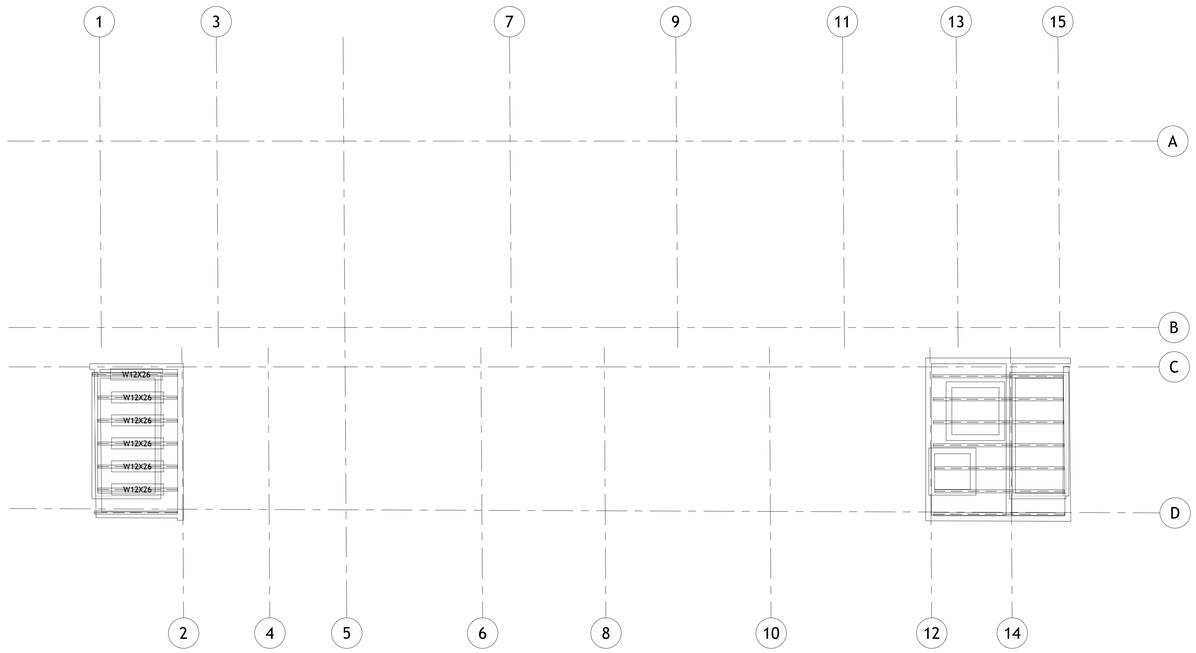
S102

Scale 1/8" = 1'-0"

11/14/2026 4:21:23 AM



1 ROOF FRAMING PLAN
3/32" = 1'-0"



2 CORE ROOF FRAMING PLAN
3/32" = 1'-0"

1155 THIRD STREET
MIXED-USE HOUSING
STRUCTURAL SET

PROJECT TEAM
ARCHITECTURE:
C. SUDA (MODULE 4 MODEL, LINKED)

STRUCTURE:
C. SUDA (MODULE 6 MODEL)

CEE 120A/220A
STANFORD UNIVERSITY
AUTUMN 2026

No.	Description	Date

1155 Third Street - Structure

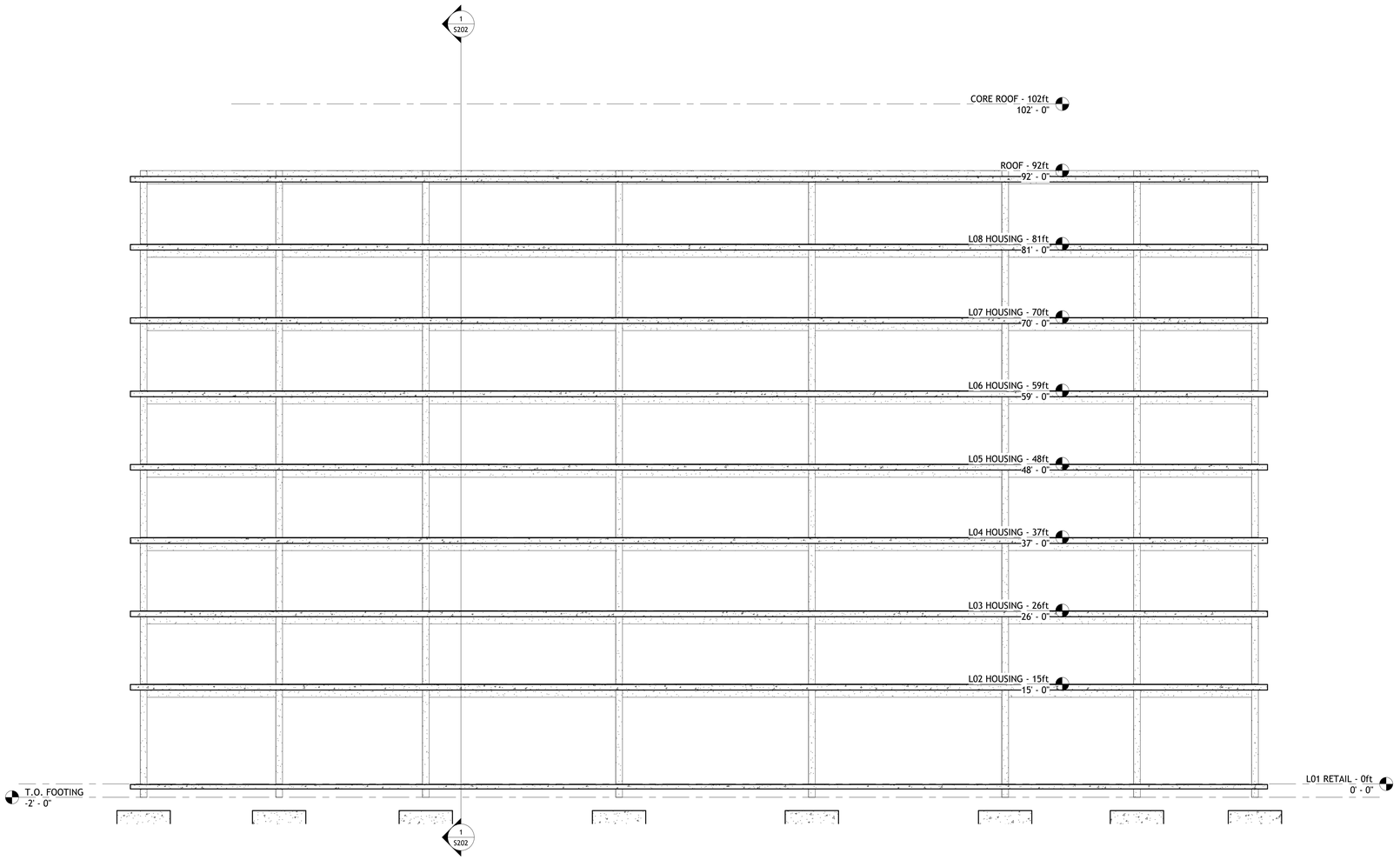
ROOF + CORE ROOF FRAMING PLANS

Project Number	CEE 120A M06
Date	11/14/2026
Drawn By	C. Suda
Checked By	-

S103

Scale	3/32" = 1'-0"

11/14/2026 4:21:24 AM



1 FRAMING ELEVATION - GRID A (WEST FACE)
1/8" = 1'-0"

1155 THIRD STREET
MIXED-USE HOUSING
STRUCTURAL SET

PROJECT TEAM
ARCHITECTURE:
C. SUDA (MODULE 4 MODEL, LINKED)

STRUCTURE:
C. SUDA (MODULE 6 MODEL)

CEE 120A/220A
STANFORD UNIVERSITY
AUTUMN 2026

No.	Description	Date

1155 Third Street - Structure

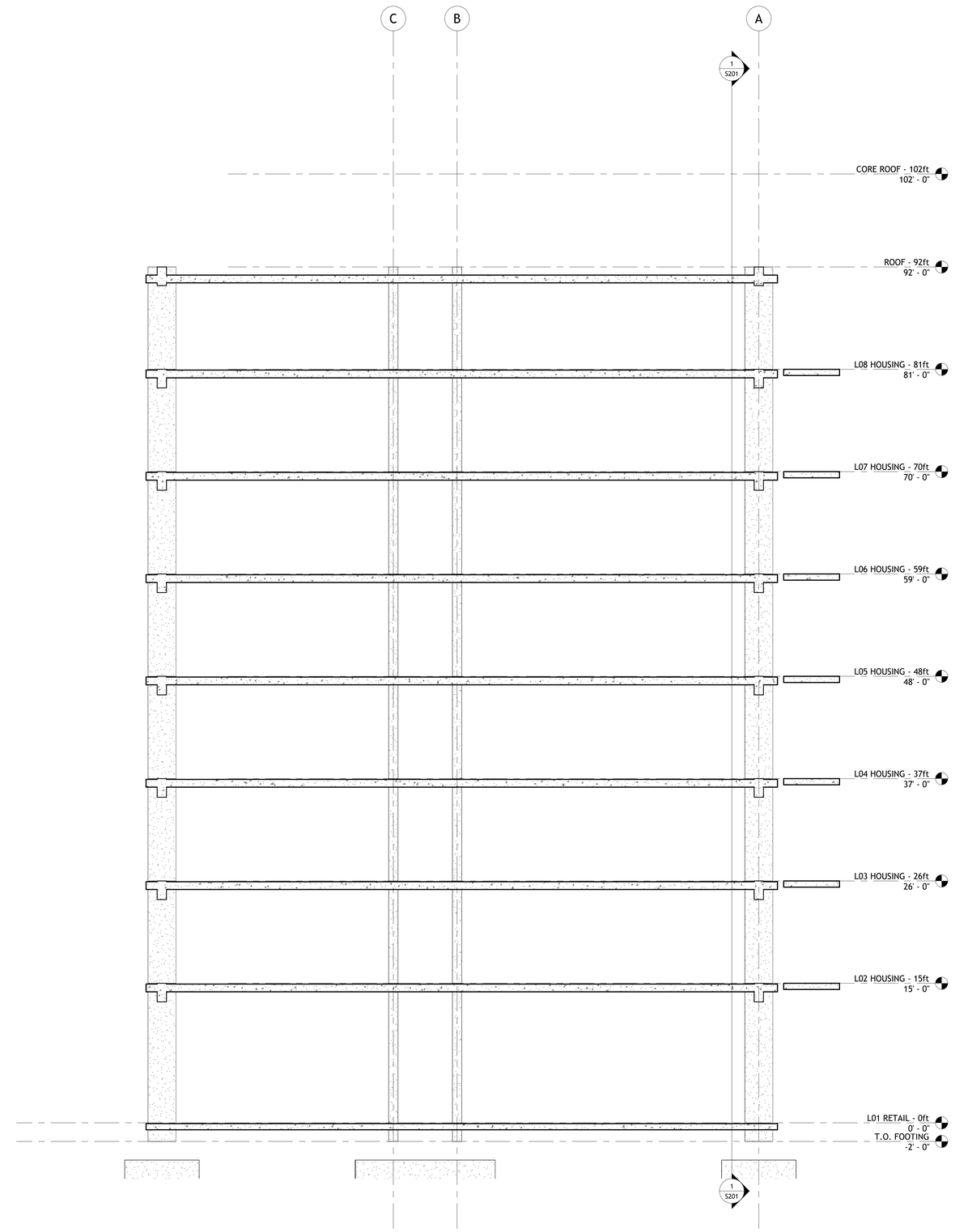
GRID A FRAMING ELEVATION

Project Number	CEE 120A M06
Date	11/14/2026
Drawn By	C. Suda
Checked By	-

S201

Scale	1/8" = 1'-0"

11/14/2026 4:21:25 AM



1 FRAMING SECTION - GRID 5
3/16" = 1'-0"

1155 THIRD STREET
MIXED-USE HOUSING
STRUCTURAL SET

PROJECT TEAM
ARCHITECTURE:
C. SUDA (MODULE 4 MODEL, LINKED)

STRUCTURE:
C. SUDA (MODULE 6 MODEL)

CEE 120A/220A
STANFORD UNIVERSITY
AUTUMN 2026

No.	Description	Date

1155 Third Street - Structure

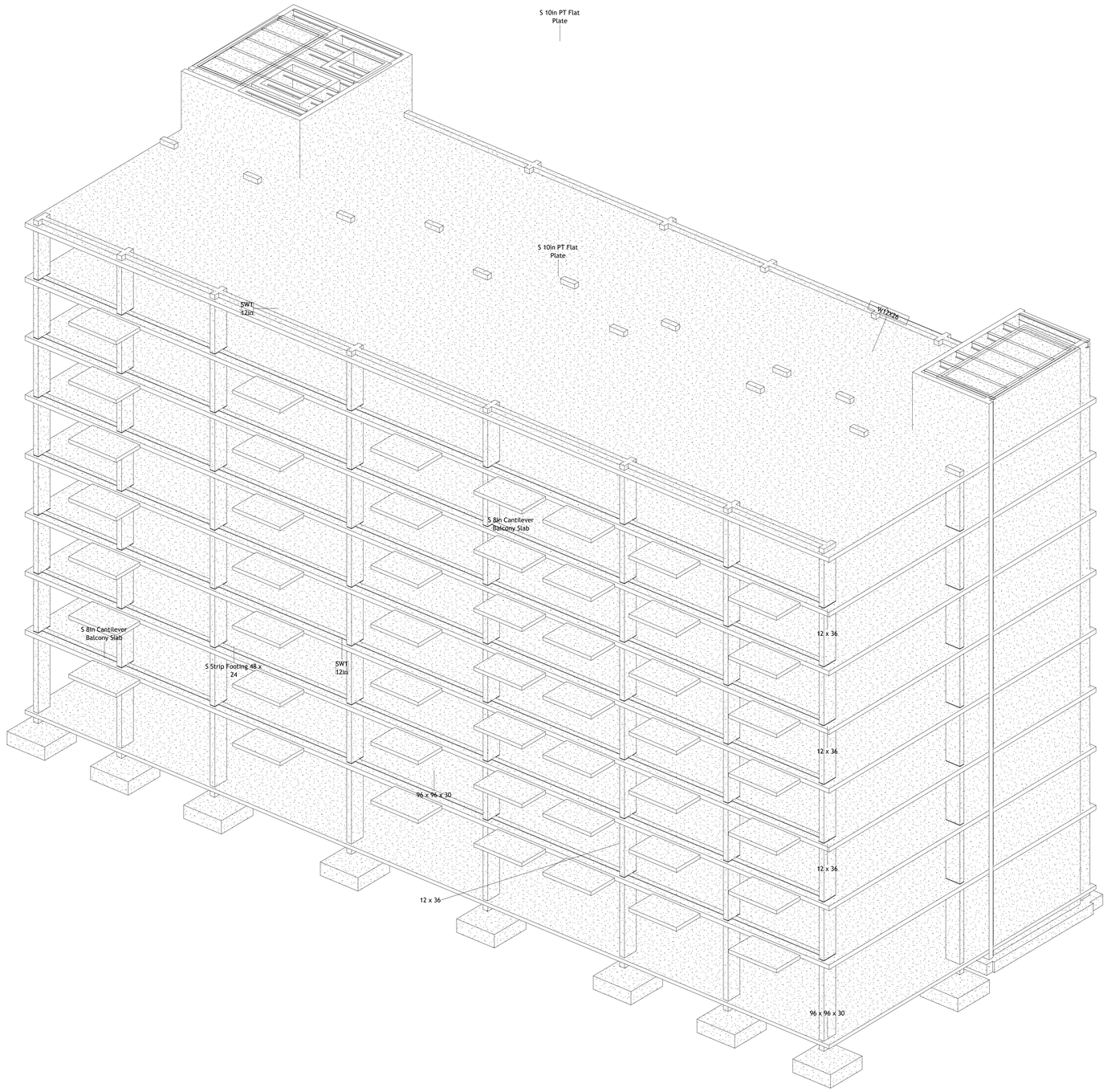
FRAMING SECTION AT GRID 5

Project Number	CEE 120A M06
Date	11/14/2026
Drawn By	C. Suda
Checked By	-

S202

Scale 3/16" = 1'-0"

11/14/2026 4:21:26 AM



1155 THIRD STREET MIXED-USE HOUSING STRUCTURAL SET

PROJECT TEAM
ARCHITECTURE:
C. SUDA (MODULE 4 MODEL, LINKED)

STRUCTURE:
C. SUDA (MODULE 6 MODEL)

CEE 120A/220A
STANFORD UNIVERSITY
AUTUMN 2026

No.	Description	Date

1155 Third Street - Structure

3D STRUCTURE - TAGGED

Project Number	CEE 120A M06
Date	11/14/2026
Drawn By	C. Suda
Checked By	-

S301

Scale

11/14/2026 4:21:27 AM