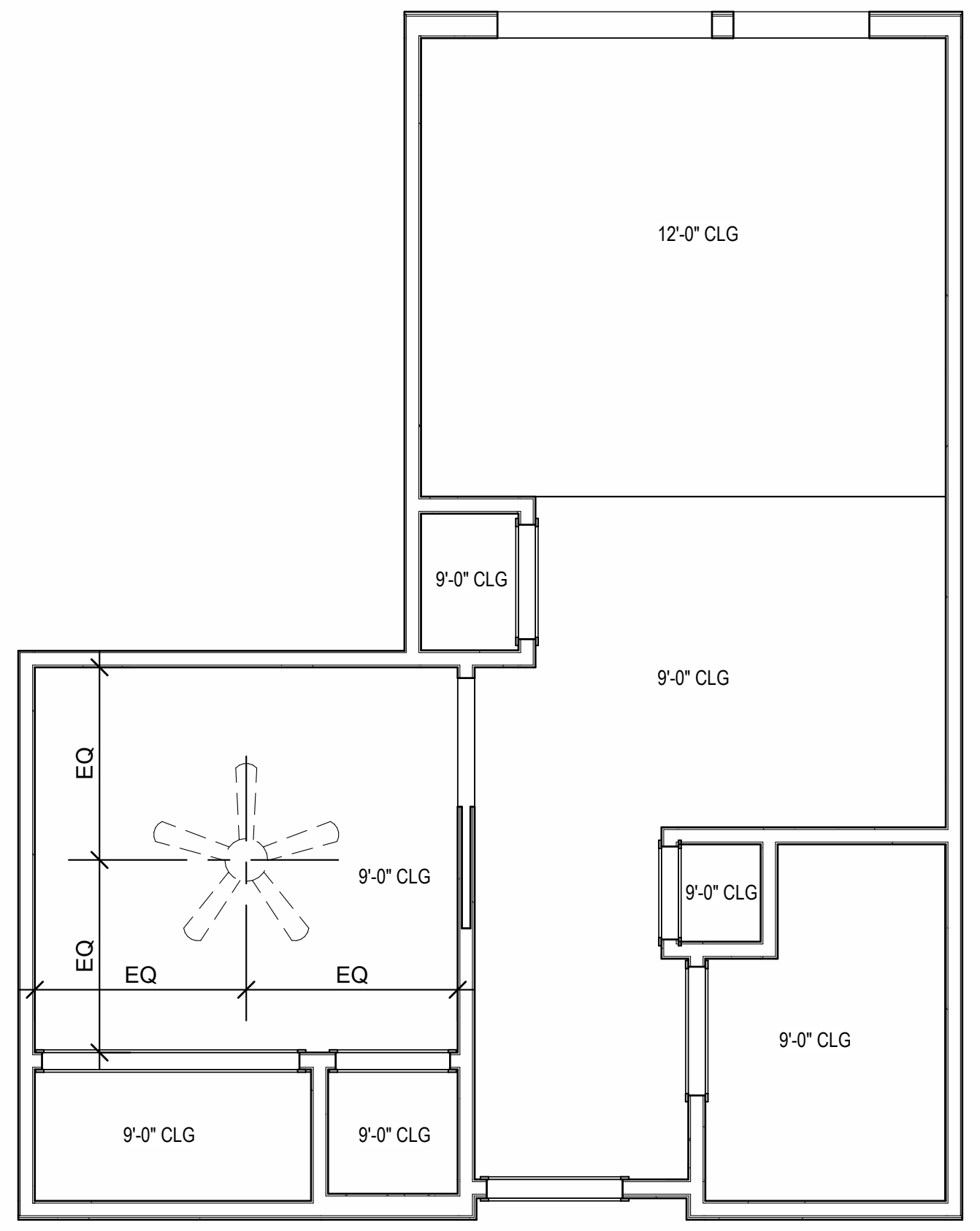
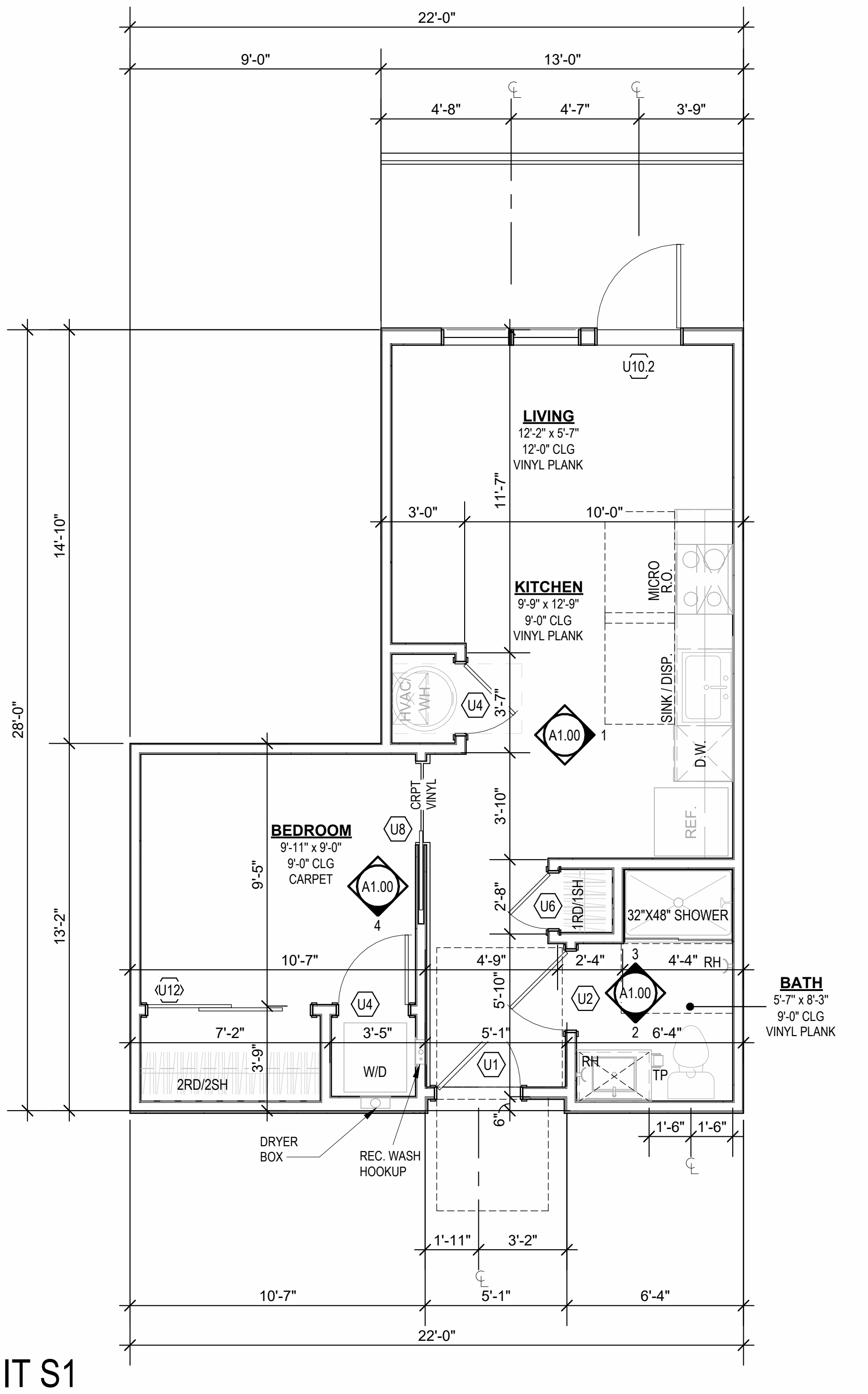
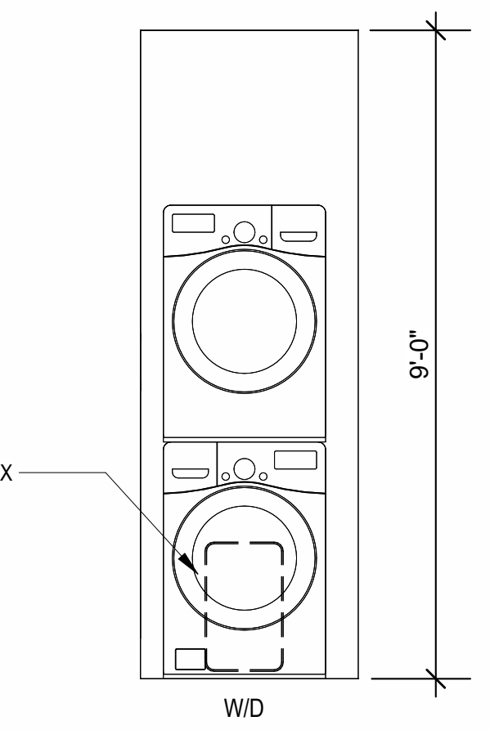


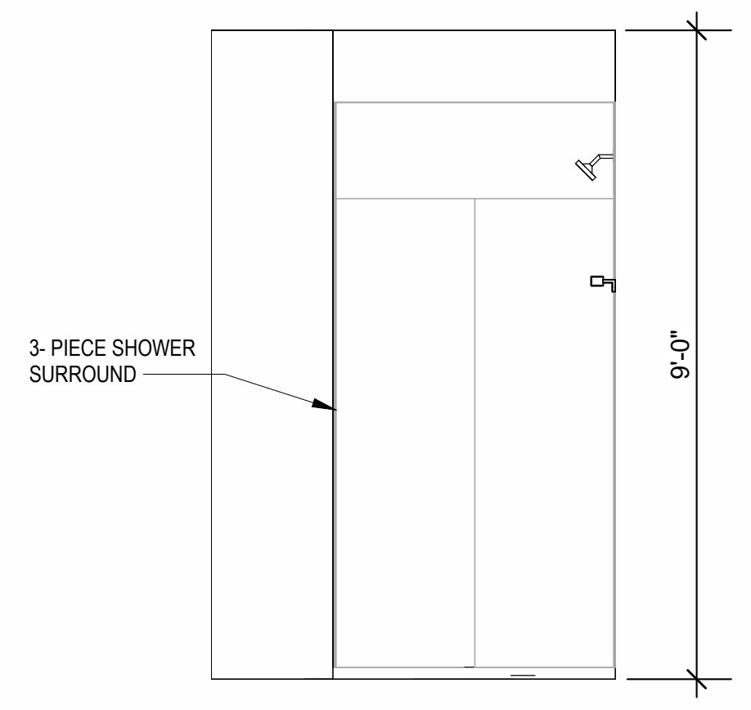
B UNIT S1 - 4TH FLOOR RCP
1/4" = 1'-0"



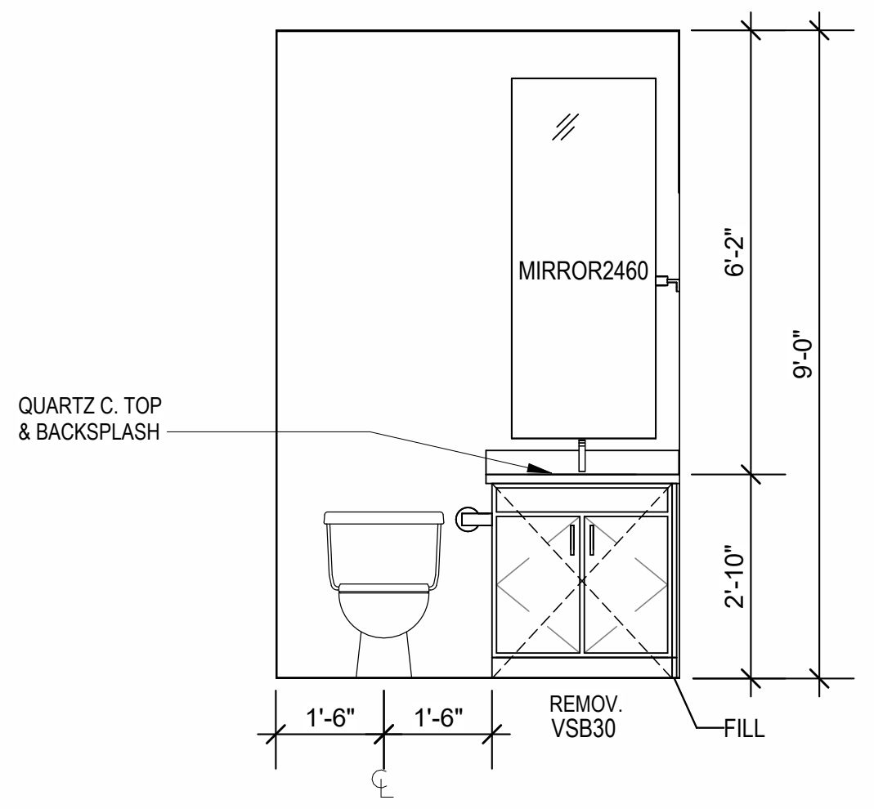
A UNIT S1
1/4" = 1'-0"



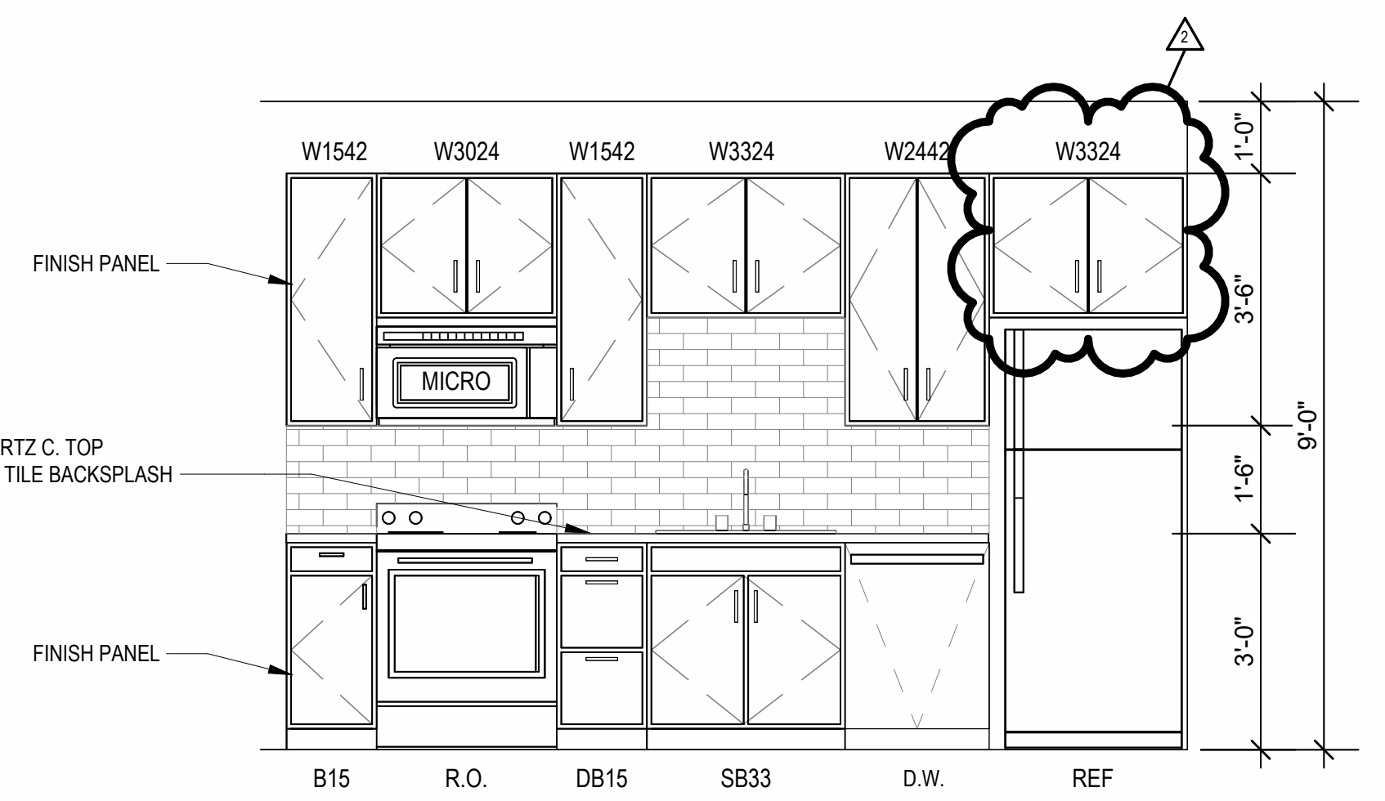
4 INTERIOR ELEVATION LAUNDRY
3/8" = 1'-0"



3 INTERIOR ELEVATION BATHROOM
3/8" = 1'-0"



2 INTERIOR ELEVATION BATHROOM
3/8" = 1'-0"



1 INTERIOR ELEVATION KITCHEN
3/8" = 1'-0"

UNIT PLAN GENERAL NOTES:

1. REFER TO ASSEMBLY SHEET SERIES A0.30 FOR ASSEMBLY DIMENSION ORIGINS AND THICKNESS.
2. REFER TO SHEETS A0.40, A0.41 AND A0.42 FOR MOUNTING HEIGHTS AND ACCESSIBILITY REQUIREMENTS.
3. REFER TO BUILDING PLANS AND EXTERIOR ELEVATIONS FOR ADDITIONAL EXTERIOR ARCHITECTURAL ELEMENTS INCLUDING BALCONY LOCATIONS AND CONFIGURATIONS, COLUMNS, WINDOWS/TRANSOMS, AND PATIO DOOR INFORMATION.
4. USE TEAR-AWAY BEAD, BACKER ROD, AND CAULK AT ALL DRYWALL RETURNS AT FENESTRATION CONDITIONS.
5. ALL DIMENSIONS AND NOTES STATING “CLEAR”, “MIN” OR “MAX” ARE FROM FINISH FACE TO FINISH FACE.
6. PROVIDE BLOCKING FOR ALL TV LOCATIONS, WALL HUNG CABINETS, SHELVING, GRAB BARS, AND OTHER WALL MOUNTED ITEMS.
7. LANDINGS AND FLOORS ON EITHER SIDE OF DOORWAYS SHALL NOT BE MORE THAN 1/2" LOWER THAN DOORWAY THRESHOLD.
8. PROVIDE SAFETY GLAZING AT HAZARDOUS LOCATIONS PER IBC SECTION 2406. SEE PLANS FOR LOCATIONS.
9. PROVIDE APPROVED SMOKE DETECTORS AND REQUIRED EMERGENCY FIXTURES WIRED INTO THE BUILDING'S PRIMARY POWER SYSTEM PER IBC SECTION 907.2.10. SEE MECHANICAL PLANS FOR LOCATIONS.
10. ALL EXPOSED EDGES OF FINISHES TO BE DRESSED WITH APPROPRIATE FINISH STRIP.
11. UNIT DEMISING WALLS AND FLOOR/CEILING ASSEMBLIES SEPARATING DWELLING UNITS SHALL MEET OR EXCEED 50 S.T.C. TEST PER IBC SECTION 1206.
12. WHEN TUBS AND SHOWERS ARE LOCATED ADJACENT TO A FIRE RATED ASSEMBLY, EXTEND GYPSUM BOARD BEHIND AND PROVIDE INSULATION.
13. VERIFY ALL TUB AND SHOWER WALL LENGTHS AND DIMENSION WITH ACTUAL TUB OR SHOWER PROVIDED. CONTRACTOR TO COORDINATE FRAMING WITH TUB MANUFACTURER AND TUB DETAILS.
14. MATCH SHOE FINISH TO CABINET FINISH WHERE ADJACENT TO BASE CABINET.
15. AVOID WATER LINES IN EXTERIOR WALLS. WHERE NOT POSSIBLE, INSTALL FOAM INSULATION BETWEEN WATER LINES & SHEATHING.
16. IN SIDE-BY-SIDE LAUNDRY CONFIGURATION, WASHER ALWAYS ON THE LEFT, DRYER ALWAYS ON THE RIGHT. CONTRACTOR TO FIELD COORDINATE.
17. ALL WINDOWS TO RECEIVE 5/4X STOOL WITH 1X3 APRON & DRYWALL RETURNS ON JAMBS & HEAD.
18. DEVICE TRIMS & DEVICE FACES TO CLOSELY MATCH THE COLOR OF THE SURFACE THEY ARE APPLIED TO.
19. ALL PANTRY CABINETS & CABINETS ABOVE REFRIGERATOR SHALL BE 12" DEEP AND RECEIVE END PANELS WHERE EXPOSED.
20. REFER TO FLOOR PLANS AND ROOF PLANS FOR ADDITIONAL RAISED PLATE LINES AND VAULTED CEILING INFORMATION.
21. ALL BATHROOM HARDWARE FINISHES TO MATCH, INCLUDING SHOWER DOOR FRAMES, UNLESS SPECIFICALLY NOTED BY INTERIOR DESIGNER. G.C. SHALL SUBMIT AVAILABLE HARDWARE FINISHES TO ARCHITECT WHERE AN EXACT MATCH CANNOT BE MADE.
22. ALL PLUMBING PENETRATIONS TO RECEIVE ESCUTCHEON TRIM RINGS TO MATCH ADJACENT FIXTURE FINISH.
23. FIRE EXTINGUISHER (RE: SPECIFICATION) SHALL BE PROVIDED AND LOCATED IN SINK BASE CABINET UNDER KITCHEN SINK, U.N.O.

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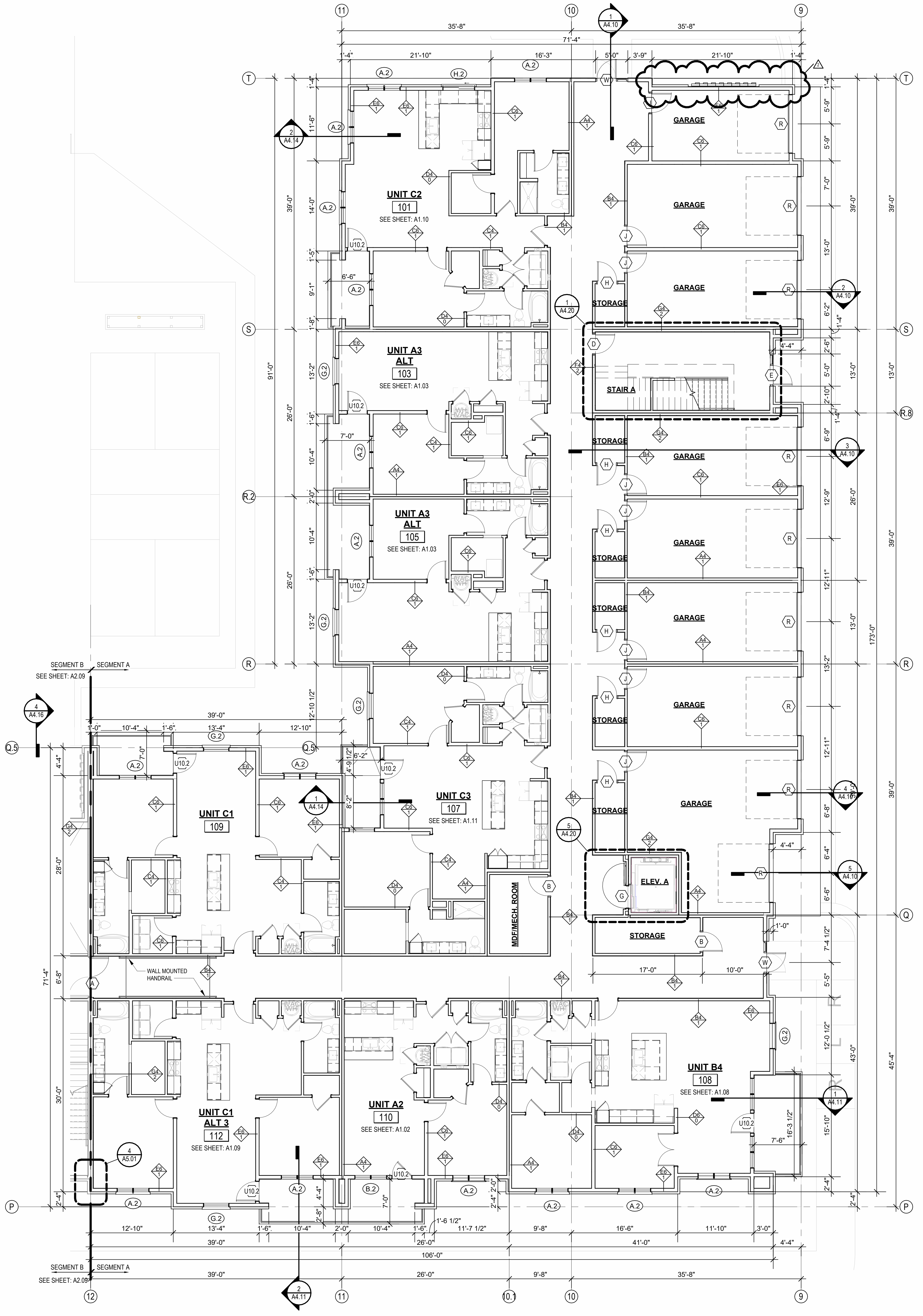
- 03.15.2023 - PERMIT SUBMITTAL

△ REVISIONS
2 23 0428 ADD 1/CC 2

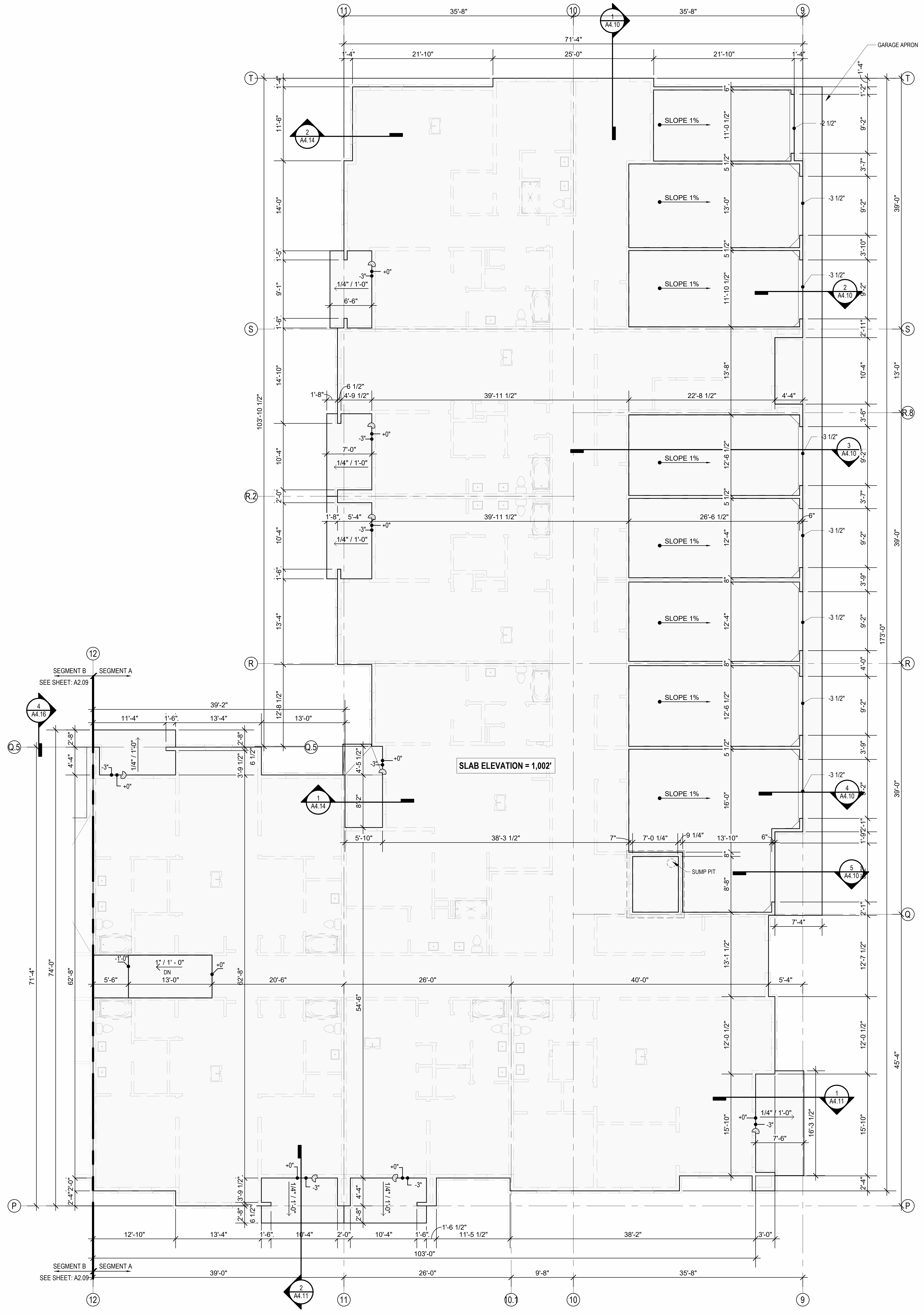
JOB NO. 705921
DATE 03.15.2023
DRAWN BY TSC/SIW
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME UNIT S1 PLANS
SHEET NO. A1.00

ARCH E1 30" x 48"



2 1ST FLOOR - SEGMENT A

1/8" = 1'-0"

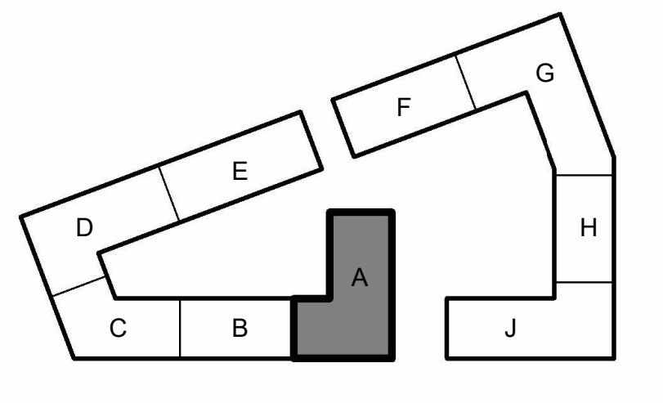


1 SEGMENT A - SLAB PLAN

1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES:

1. RATED ASSEMBLY TAGS ARE TYPICAL AT SIMILAR LOCATIONS NOT OTHERWISE NOTED.
2. SEE SHEETS A0.30 AND FOR RATED ASSEMBLIES
3. ALL EXTERIOR COMMON USE DOOR THRESHOLDS TO BE ACCESSIBLE. ALL ACCESSIBLE ENTRANCES SHALL HAVE NO MORE THAN A 1:48 SLOPE FOR A DISTANCE OF 60" PERPENDICULAR TO THE DOOR.
4. FIRE EXTINGUISHER CABINET (F.E.C.) LOCATIONS ARE APPROXIMATE UNLESS NOTED OTHERWISE. CONTRACTOR TO COORDINATE FINAL LOCATIONS TO NOT CONFLICT WITH WALL FRAMING, UTILITY ROUGH-INS, TRIM/PANELING, ETC.
5. COORDINATE SECURITY, IT & A/V REQUIREMENTS WITH OWNER PRIOR TO CONSTRUCTION. PROVIDE CONDUIT AND PULL STRINGS AS NEEDED.
6. PROVIDE VERTICAL GYPSUM BOARD CONTROL JOINTS AT 30'-0" O.C. MAX. COORDINATE TO MEET FIRE RESISTIVE RATINGS OF THE ASSEMBLY AND FIRESTOP JOINTS AT RATED PARTITIONS. VERIFY FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.



KEY PLAN - BUILDING SEGMENTS

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REVISIONS

1	23 0411	CITY COMMENTS 1
2	23 0428	ADD 1/CC 2

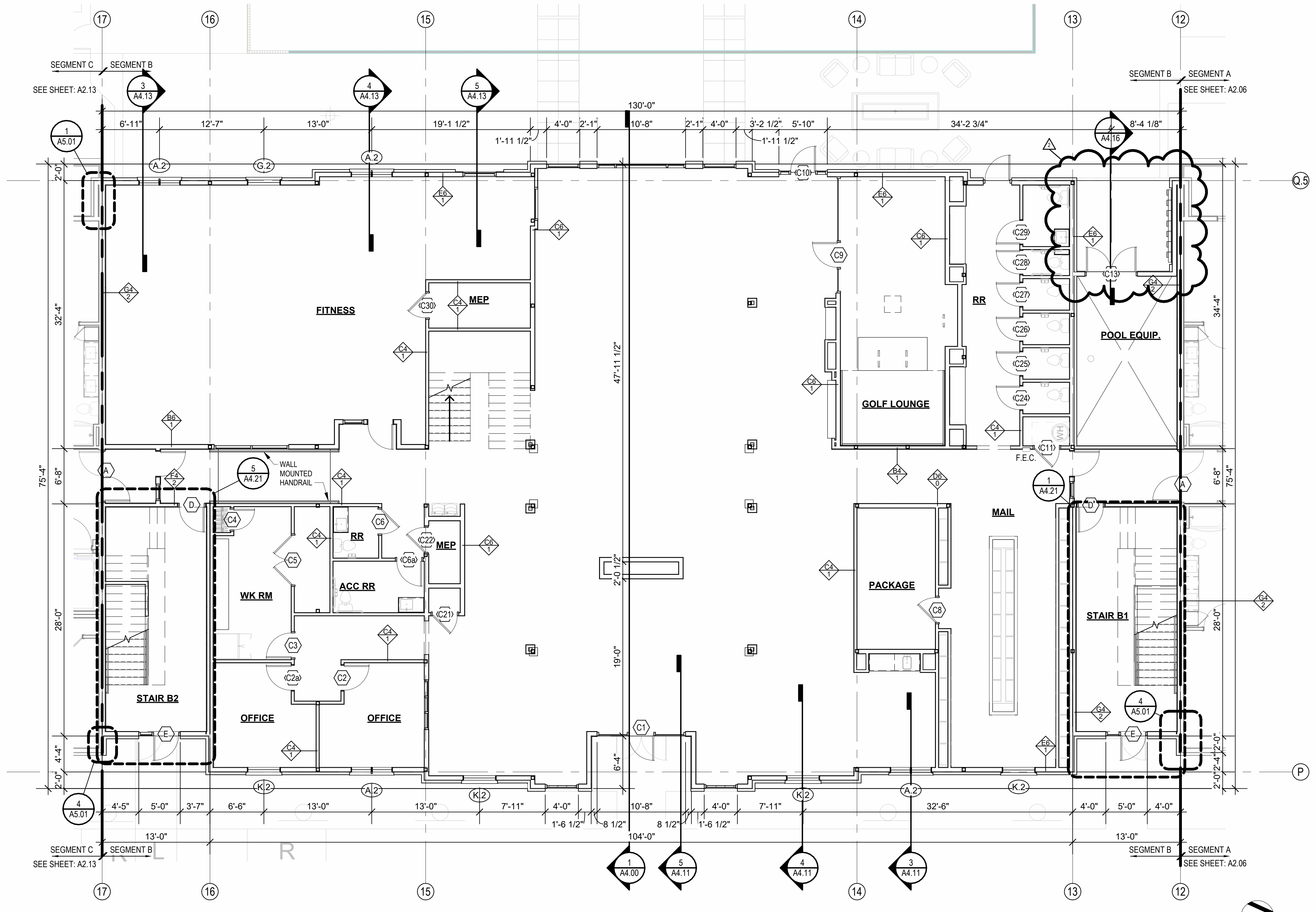
JOB NO. 705921
DATE 03.15.2023
DRAWN BY TSC/SIW

4/28/2023 ADDENDUM 1/
CITY COMMENTS #2

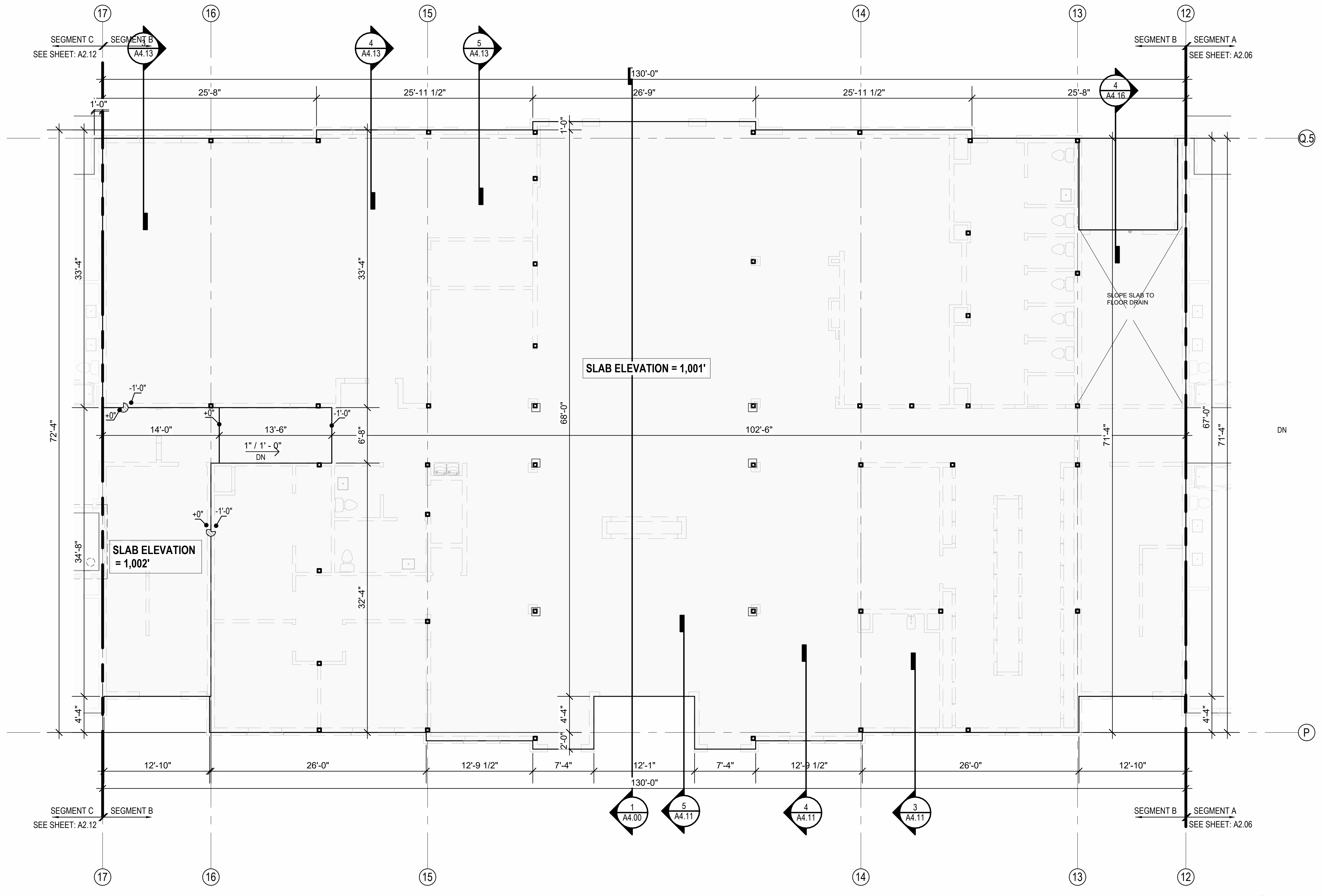
SHEET NAME
SEGMENT A SLAB & 1ST FLOOR PLAN

SHEET NO.
A2.06

4/30/2023 7:43:39 PM



2 1ST FLOOR - SEGMENT B
1/8" = 1'-0"



1 SLAB PLAN - SEGMENT B
1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES:

1. RATED ASSEMBLY TAGS ARE TYPICAL AT SIMILAR LOCATIONS NOT OTHERWISE NOTED.
2. SEE SHEETS A0.30 AND FOR RATED ASSEMBLIES
3. ALL EXTERIOR COMMON USE DOOR THRESHOLDS TO BE ACCESSIBLE. ALL ACCESSIBLE ENTRANCES SHALL HAVE NO MORE THAN A 1:48 SLOPE FOR A DISTANCE OF 60" PERPENDICULAR TO THE DOOR.
4. FIRE EXTINGUISHER CABINET (F.E.C.) LOCATIONS ARE APPROXIMATE UNLESS NOTED OTHERWISE. CONTRACTOR TO COORDINATE FINAL LOCATIONS TO NOT CONFLICT WITH WALL FRAMING, UTILITY ROUGH-INS, TRIM/PANELING, ETC.
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6. PROVIDE VERTICAL GYPSUM BOARD CONTROL JOINTS AT 30'-0" O.C. MAX. COORDINATE TO MEET FIRE RESISTIVE RATINGS OF THE ASSEMBLY AND FIRESTOP JOINTS AT RATED PARTITIONS. VERIFY FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.

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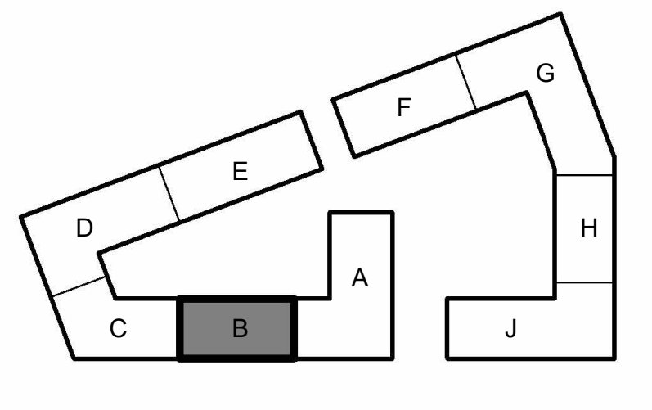
REVISIONS

1	23 0411	CITY COMMENTS 1
2	23 0428	ADD 1/CC 2



KEY PLAN - BUILDING SEGMENTS

JOB NO. 705921
DATE 03.15.2023
DRAWN BY TSC/SIW
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT B SLAB & 1ST FLOOR PLAN
SHEET NO.
A2.09

ARCH E1 30" x 48"

FLOOR PLAN GENERAL NOTES:

1. RATED ASSEMBLY TAGS ARE TYPICAL AT SIMILAR LOCATIONS NOT OTHERWISE NOTED.
2. SEE SHEETS A0.30 AND FOR RATED ASSEMBLIES
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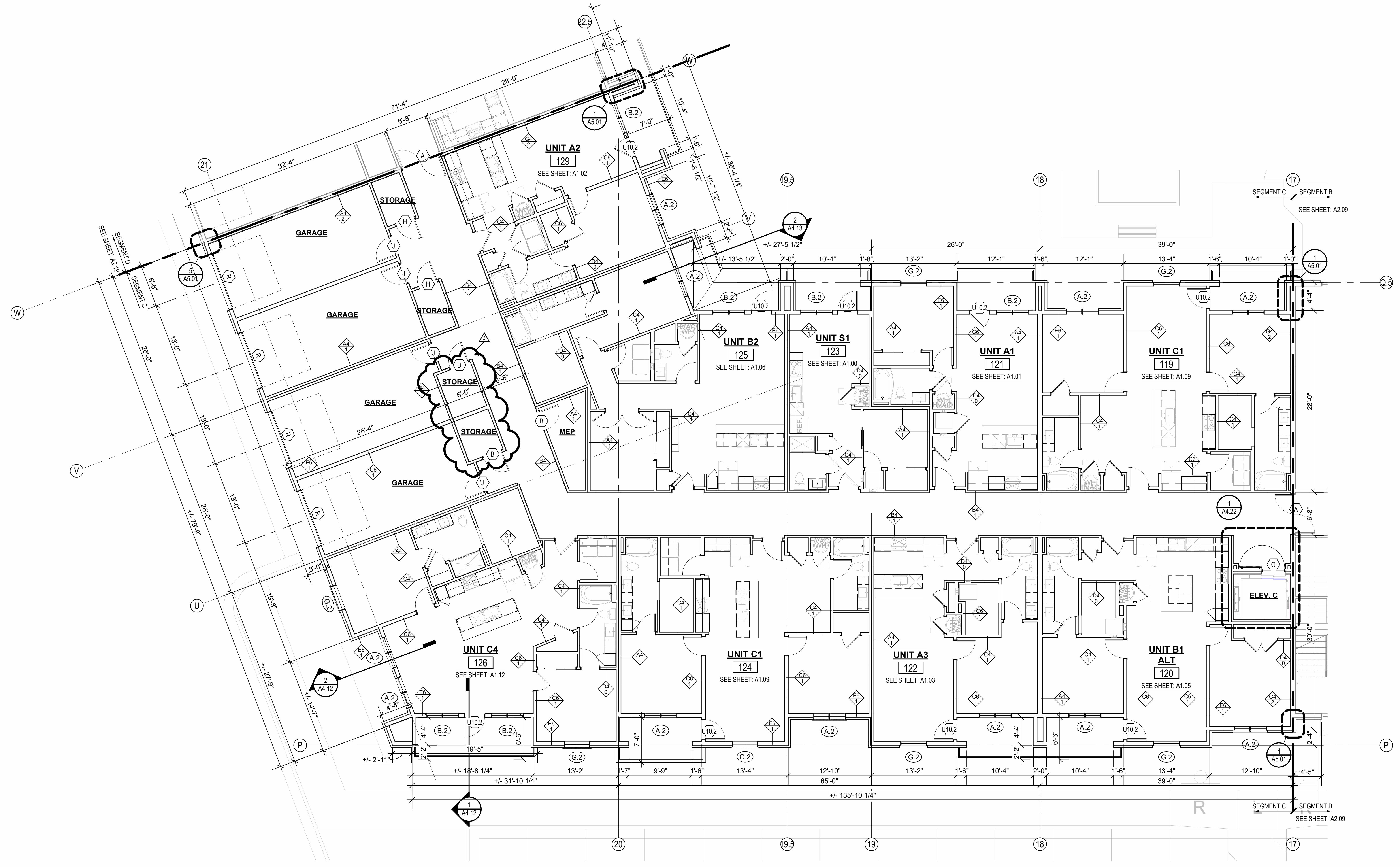

SEGMENT PLANS
1 1ST FLOOR - SEGMENT C
1/8" = 1'-0"

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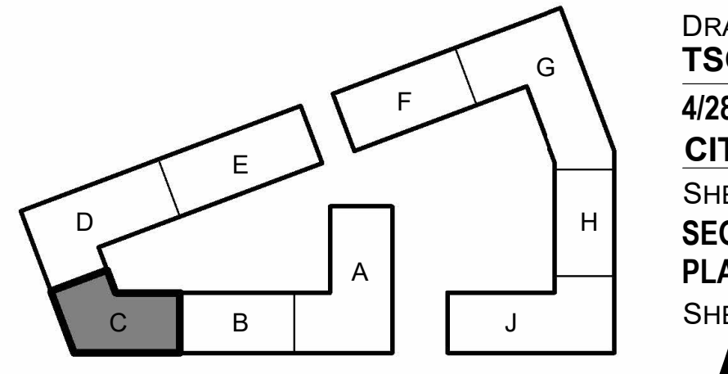
- 03.15.2023 - PERMIT SUBMITTAL

REVISIONS

2	23 0428	ADD 1/CC 2



KEY PLAN - BUILDING SEGMENTS

JOB NO. 705921
DATE 03.15.2023
DRAWN BY TSC/SIW
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME SEGMENT C 1ST FLOOR PLAN
SHEET NO. A2.13

4/30/2023 7:44:12 PM

ARCH E1 30" x 48"

FLOOR PLAN GENERAL NOTES:

1. RATED ASSEMBLY TAGS ARE TYPICAL AT SIMILAR LOCATIONS NOT OTHERWISE NOTED.
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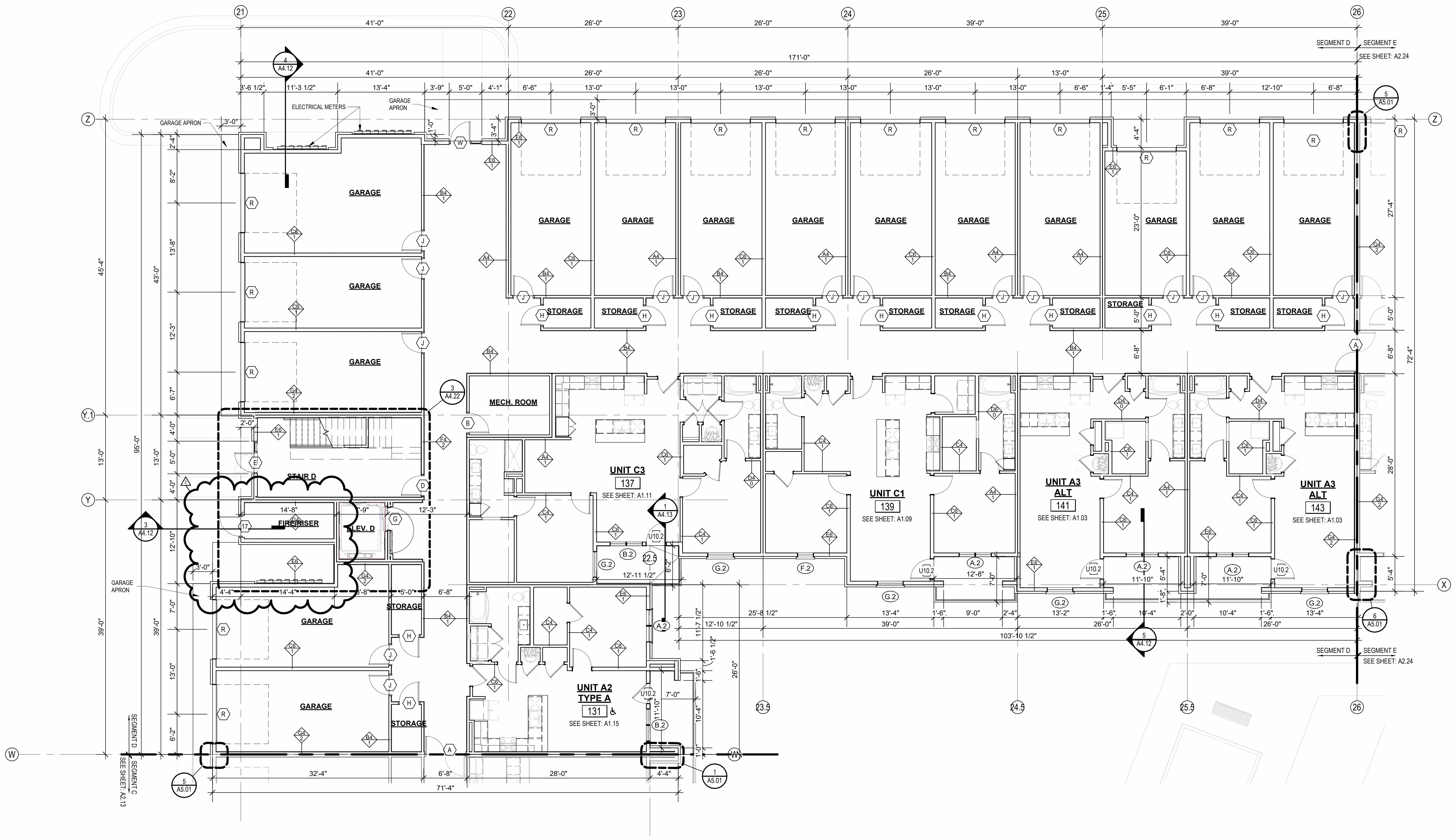
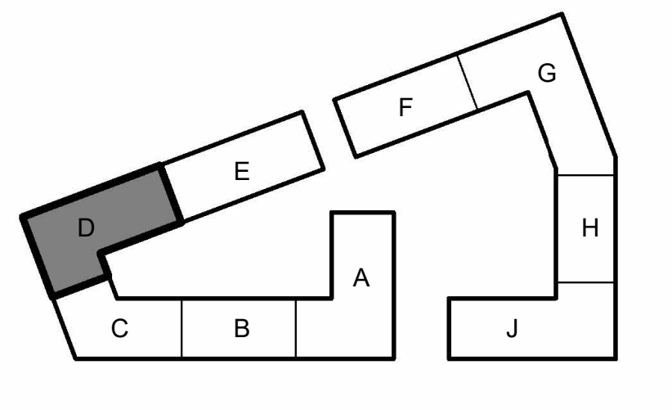


1 1ST FLOOR - SEGMENT D

1/8" = 1'-0"



KEY PLAN - BUILDING SEGMENTS

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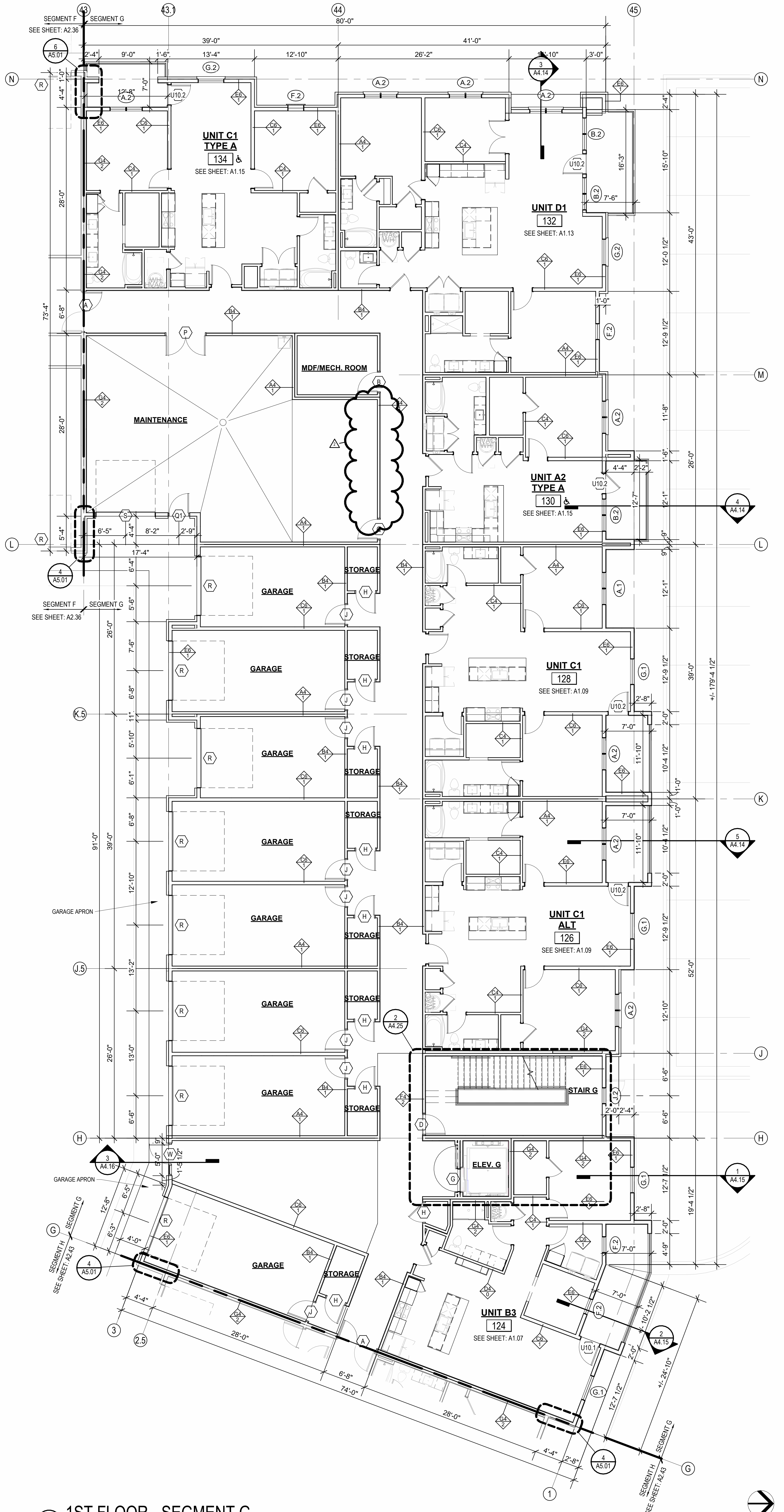
2	23 0428	ADD 1/CC 2

JOB NO. 705921
DATE 03.15.2023
DRAWN BY TSC/SIW
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME SEGMENT D 1ST FLOOR
SHEET NO.

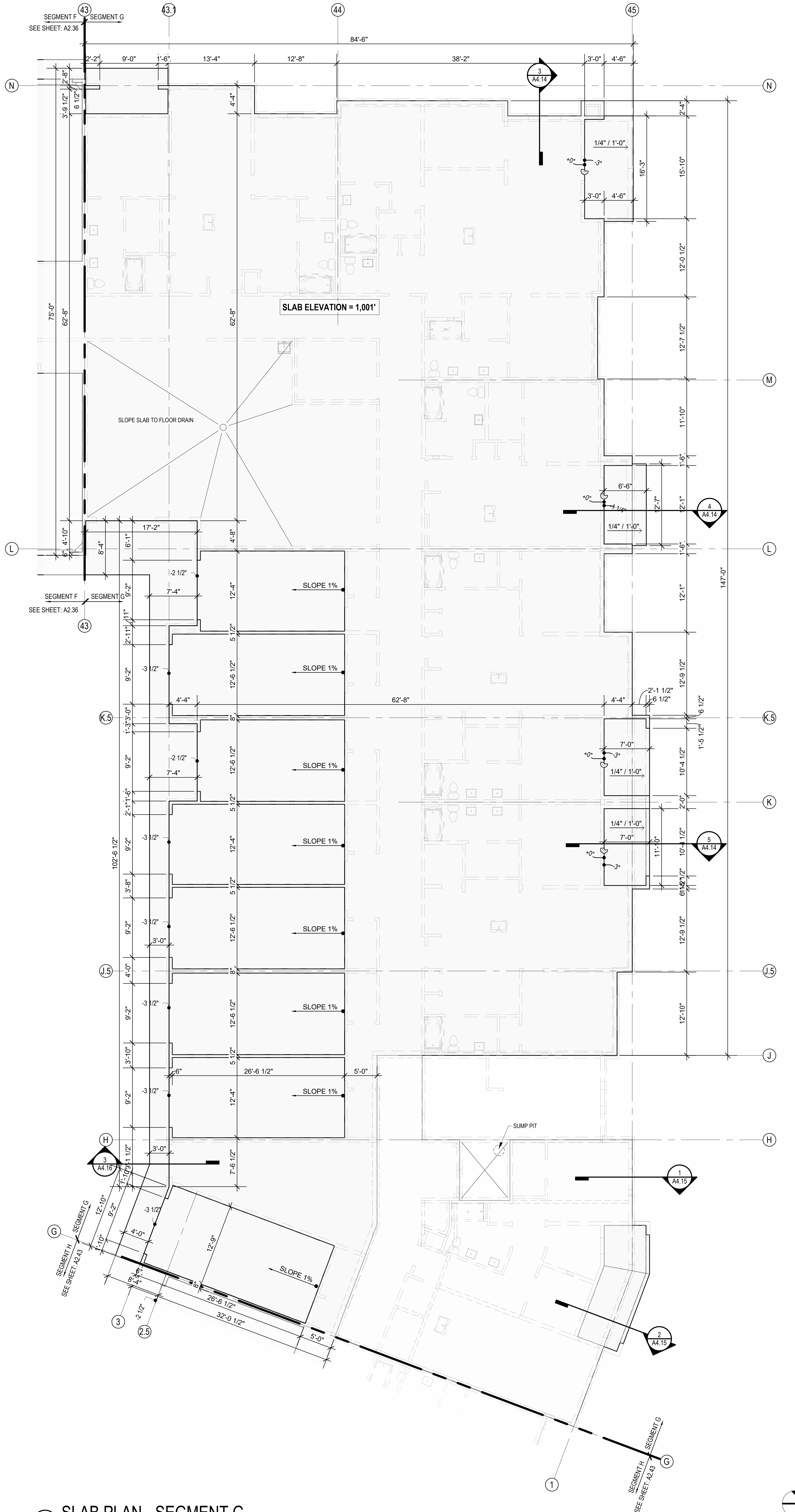
A2.19

4/30/2023 7:44:27 PM

ARCH E1 30" x 48"



2 1ST FLOOR - SEGMENT G
1/8" = 1'-0"



1 SLAB PLAN - SEGMENT G
1/8" = 1'-0"

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1. RATED ASSEMBLY TAGS ARE TYPICAL AT SIMILAR LOCATIONS NOT OTHERWISE NOTED.
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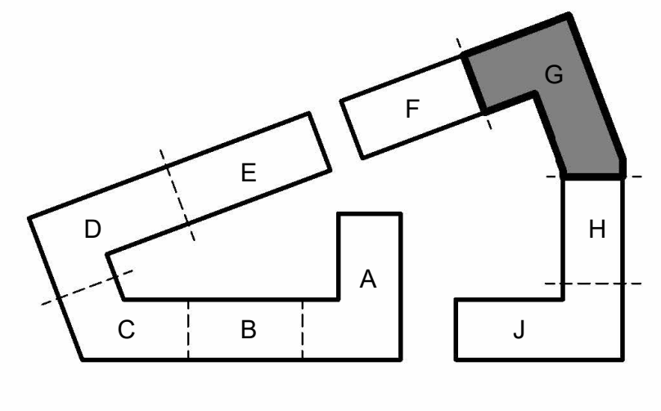
REVISIONS

2	23 0428	ADD 1/CC 2



KEY PLAN - BUILDING SEGMENTS

JOB NO.
705921
DATE
03.15.2023
DRAWN BY
TSC/SIW

4/28/2023 ADDENDUM 1/
CITY COMMENTS #2

SHEET NAME
SEGMENT G SLAB & 1ST FLOOR PLAN

SHEET NO.
A2.39

4/30/2023 7:45:32 PM

ARCH E1 30" x 48"

FLOOR PLAN GENERAL NOTES:

1. RATED ASSEMBLY TAGS ARE TYPICAL AT SIMILAR LOCATIONS NOT OTHERWISE NOTED.
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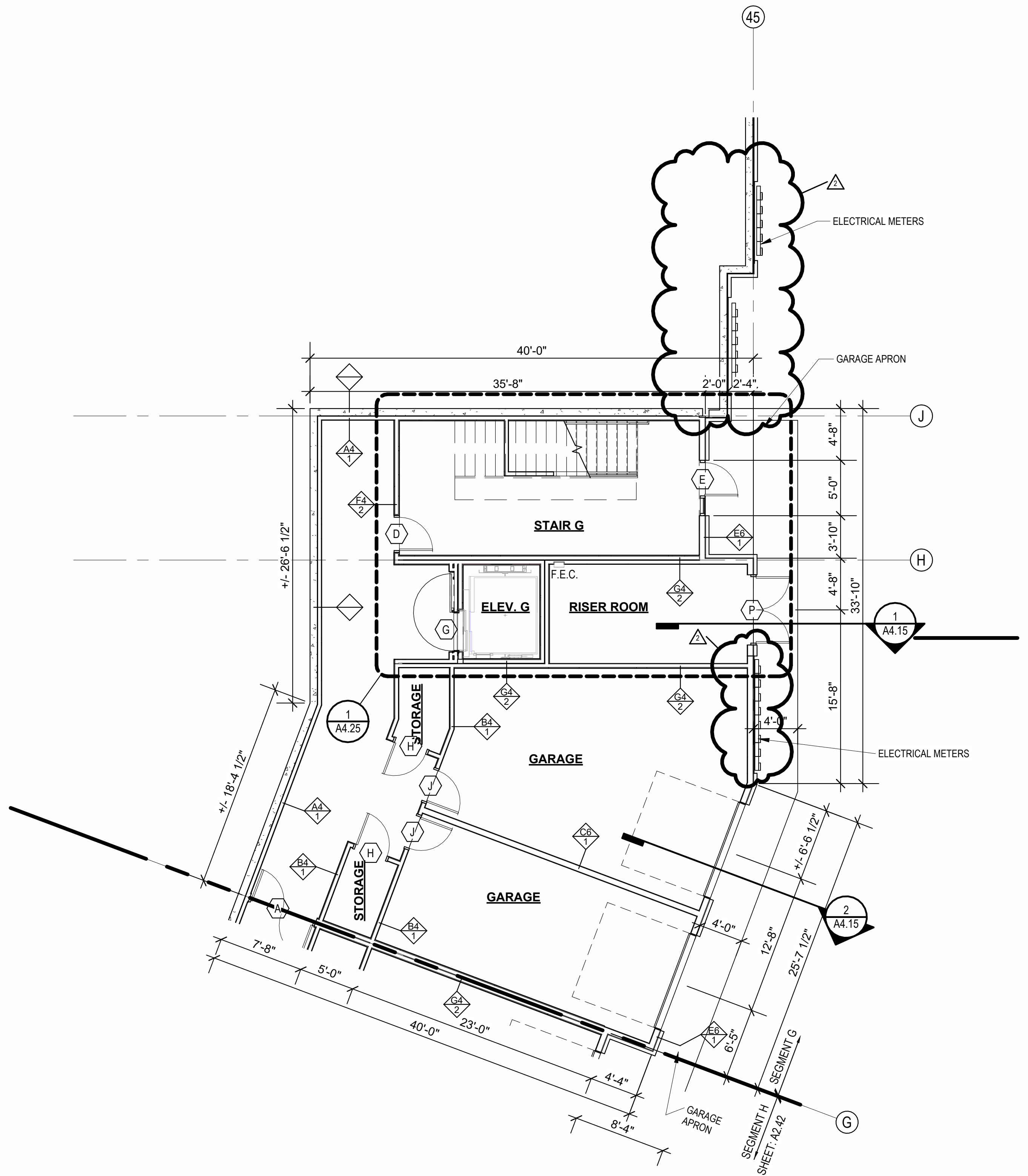
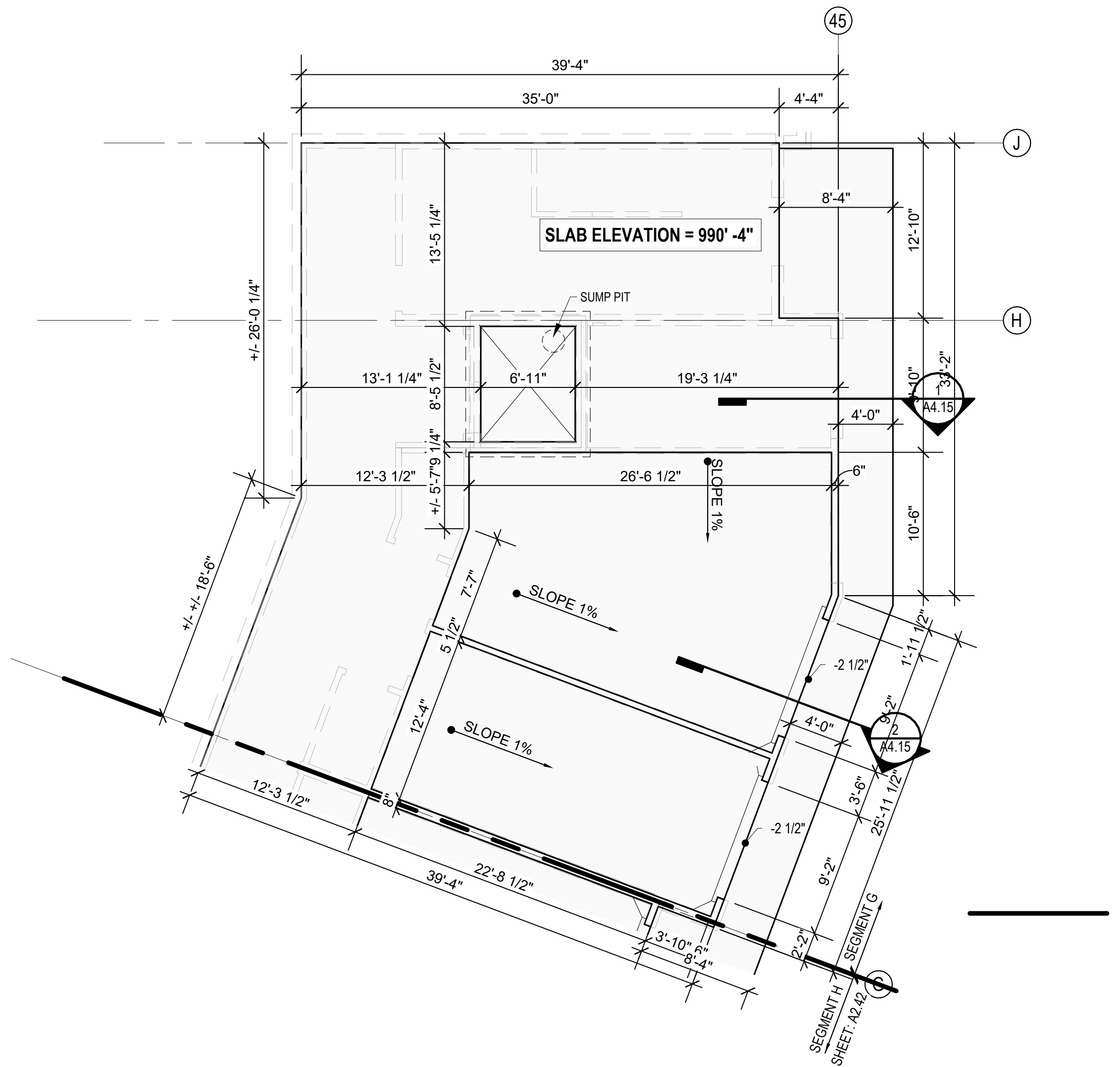
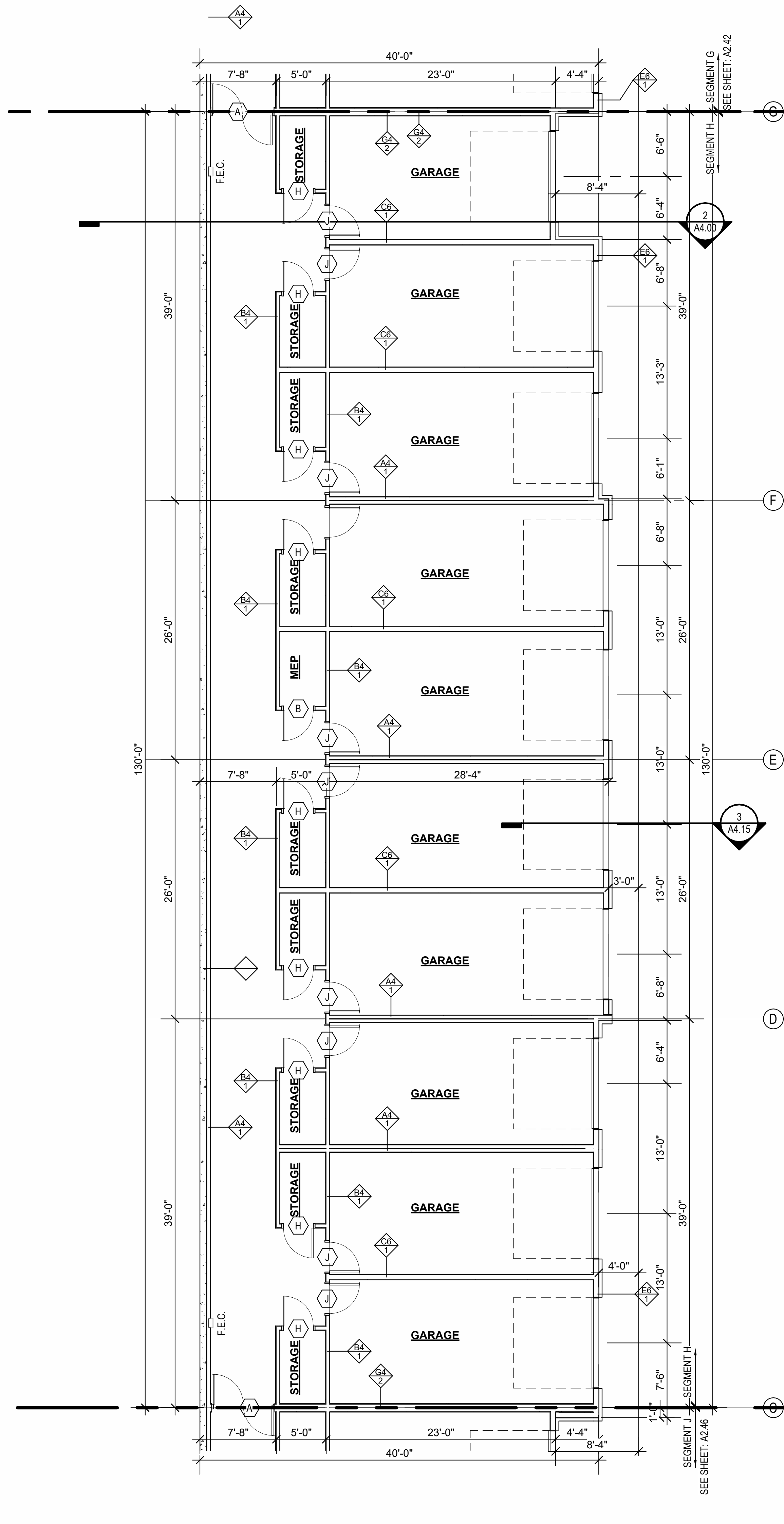


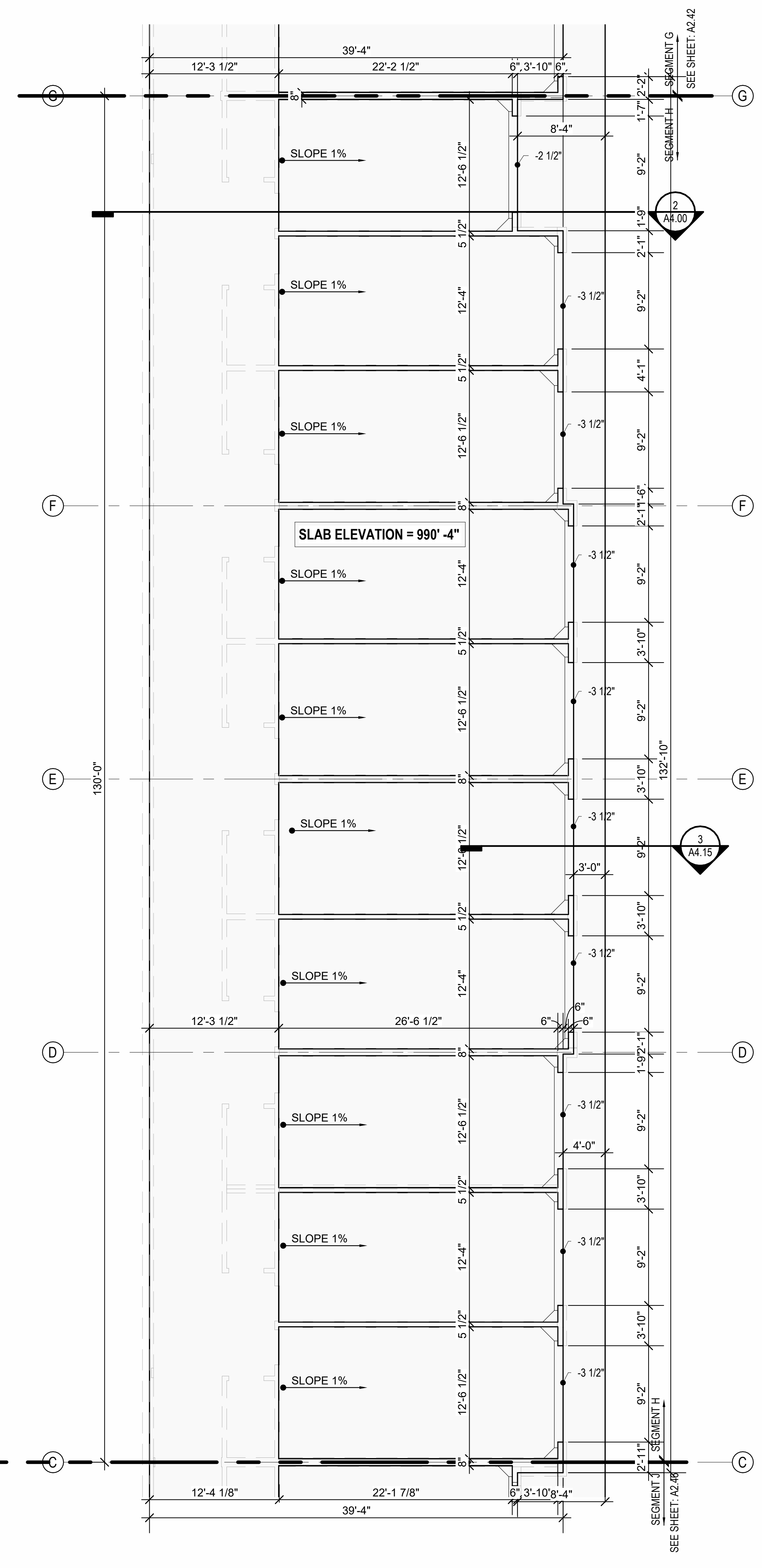
③ SEGMENT PLANS
BASEMENT - SEGMENT G
1/8" = 1'-0"



④ SLAB PLAN
SEGMENT G - SLAB PLAN
1/8" = 1'-0"



② BASEMENT - SEGMENT H
1/8" = 1'-0"



① BASEMENT SLAB PLAN - SEGMENT H
1/8" = 1'-0"

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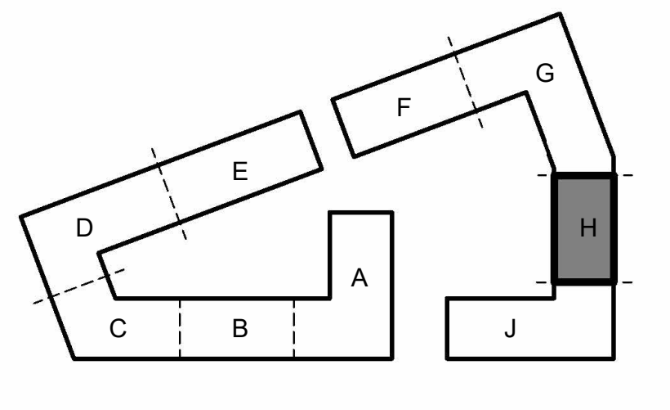
- 03.15.2023 - PERMIT SUBMITTAL

△REVISIONS

1	23 0411	CITY COMMENTS 1
2	23 0428	ADD 1/CC 2



KEY PLAN - BUILDING SEGMENTS

JOB NO. 705921
DATE 03.15.2023
DRAWN BY TSC/SIW
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT G / H BASEMENT SLAB & FLOOR PLAN
SHEET NO.
A2.42

4/30/2023 7:46:01 PM

ARCH E1 30" x 48"

FLOOR PLAN GENERAL NOTES:

1. RATED ASSEMBLY TAGS ARE TYPICAL AT SIMILAR LOCATIONS NOT OTHERWISE NOTED.
2. SEE SHEETS A0.30 AND FOR RATED ASSEMBLIES
3. ALL EXTERIOR COMMON USE DOOR THRESHOLDS TO BE ACCESSIBLE. ALL ACCESSIBLE ENTRANCES SHALL HAVE NO MORE THAN A 1:48 SLOPE FOR A DISTANCE OF 60" PERPENDICULAR TO THE DOOR.
4. FIRE EXTINGUISHER CABINET (F.E.C.) LOCATIONS ARE APPROXIMATE UNLESS NOTED OTHERWISE. CONTRACTOR TO COORDINATE FINAL LOCATIONS TO NOT CONFLICT WITH WALL FRAMING, UTILITY ROUGH-INS, TRIM/PANELING, ETC.
5. COORDINATE SECURITY, IT & A/V REQUIREMENTS WITH OWNER PRIOR TO CONSTRUCTION. PROVIDE CONDUIT AND PULL STRINGS AS NEEDED.
6. PROVIDE VERTICAL GYPSUM BOARD CONTROL JOINTS AT 30'-0" O.C. MAX. COORDINATE TO MEET FIRE RESISTIVE RATINGS OF THE ASSEMBLY AND FIRESTOP JOINTS AT RATED PARTITIONS. VERIFY FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.

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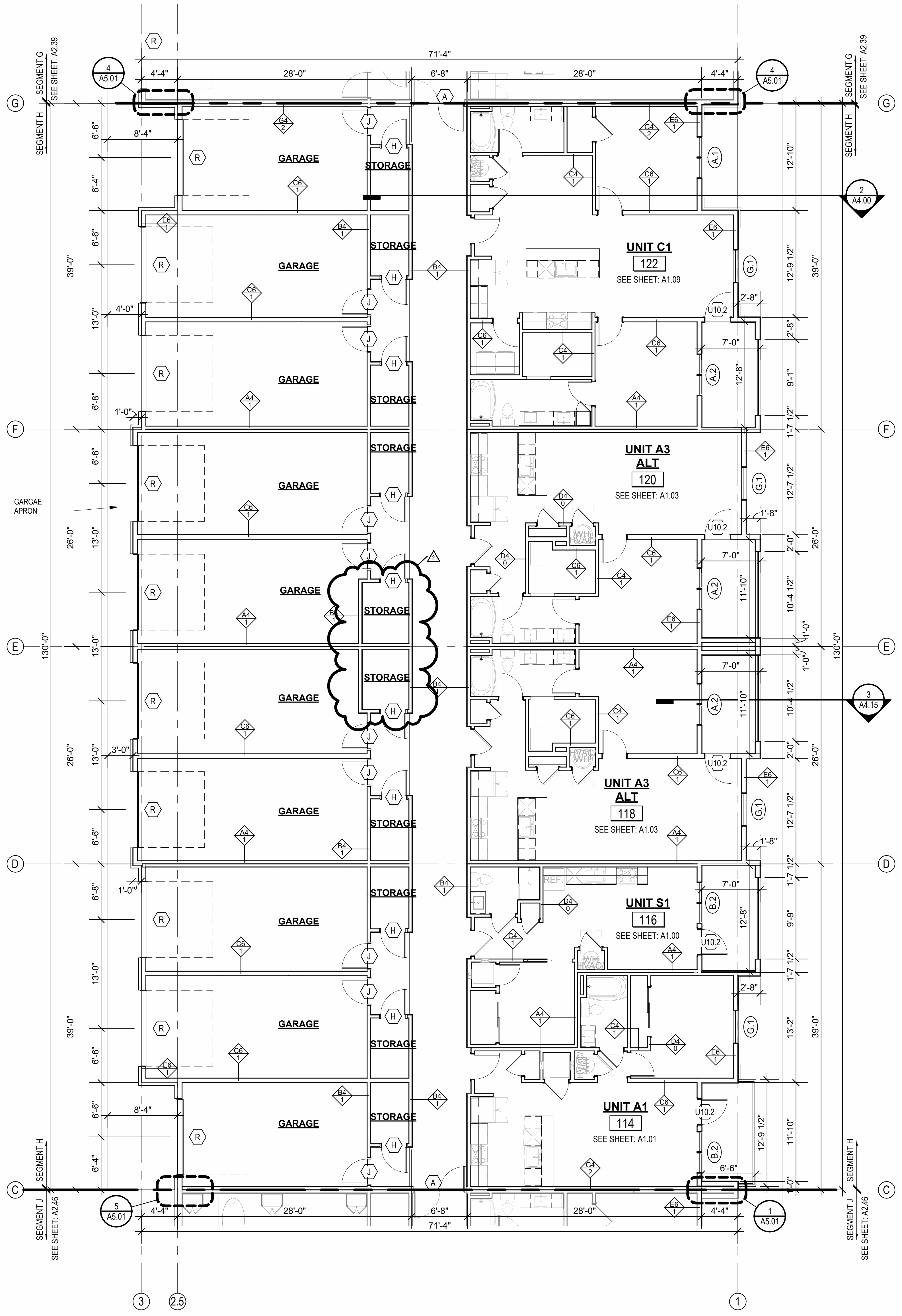
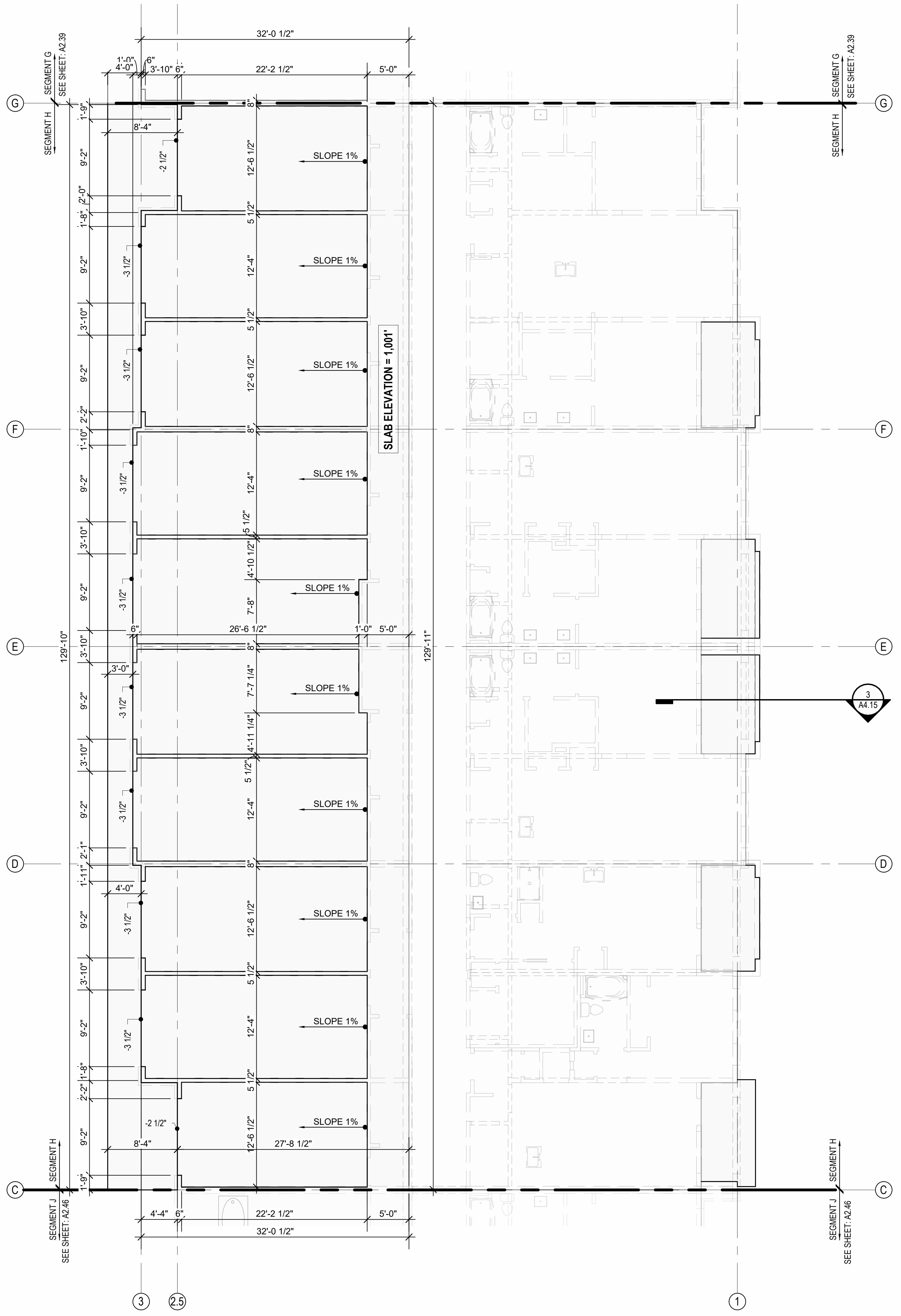


2 1ST FLOOR - SEGMENT H

1/8" = 1'-0"



1 1ST FLOOR SLAB PLAN - SEGMENT H

1/8" = 1'-0"

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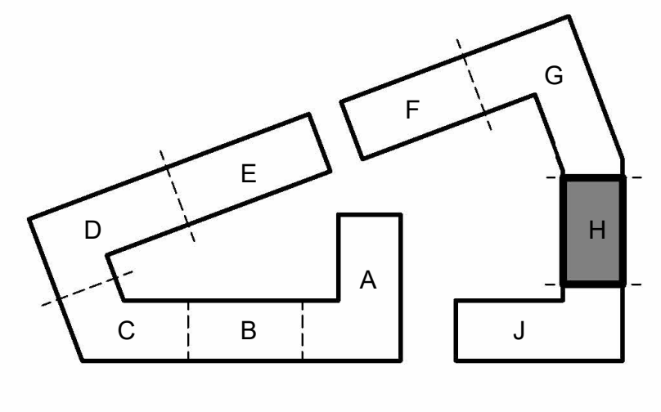
1	23 0411	CITY COMMENTS 1
2	23 0428	ADD 1/CC 2



KEY PLAN - BUILDING SEGMENTS

JOB NO. 705921
DATE 03.15.2023
DRAWN BY TSC/SIW

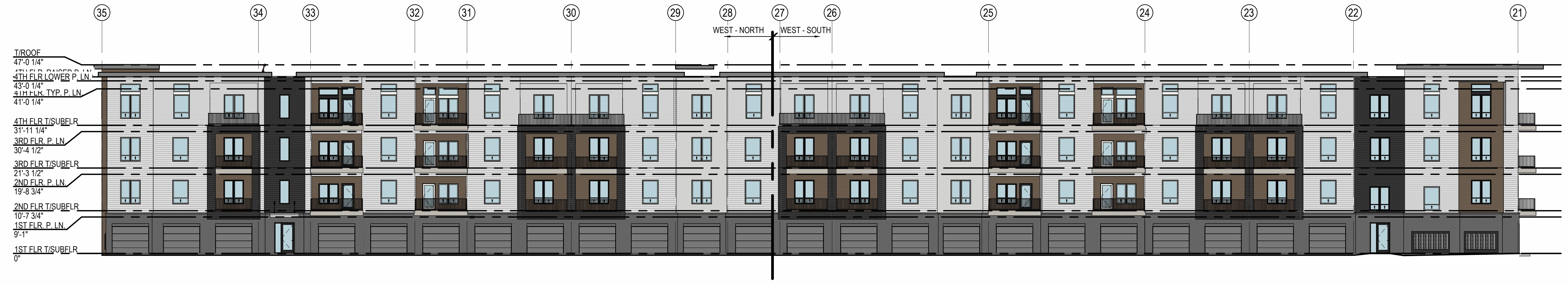
4/28/2023 ADDENDUM 1/
CITY COMMENTS #2

SHEET NAME
SEGMENT H SLAB & 1ST FLOOR PLANS

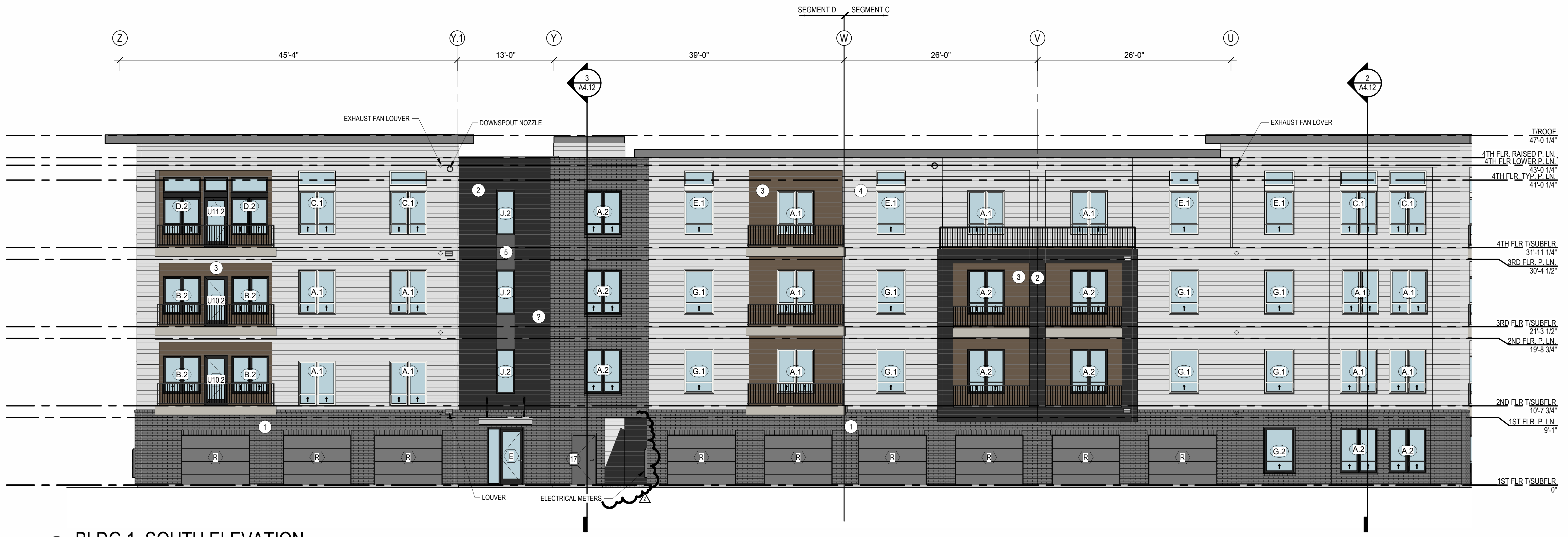
SHEET NO.
A2.43

4/30/2023 7:46:38 PM

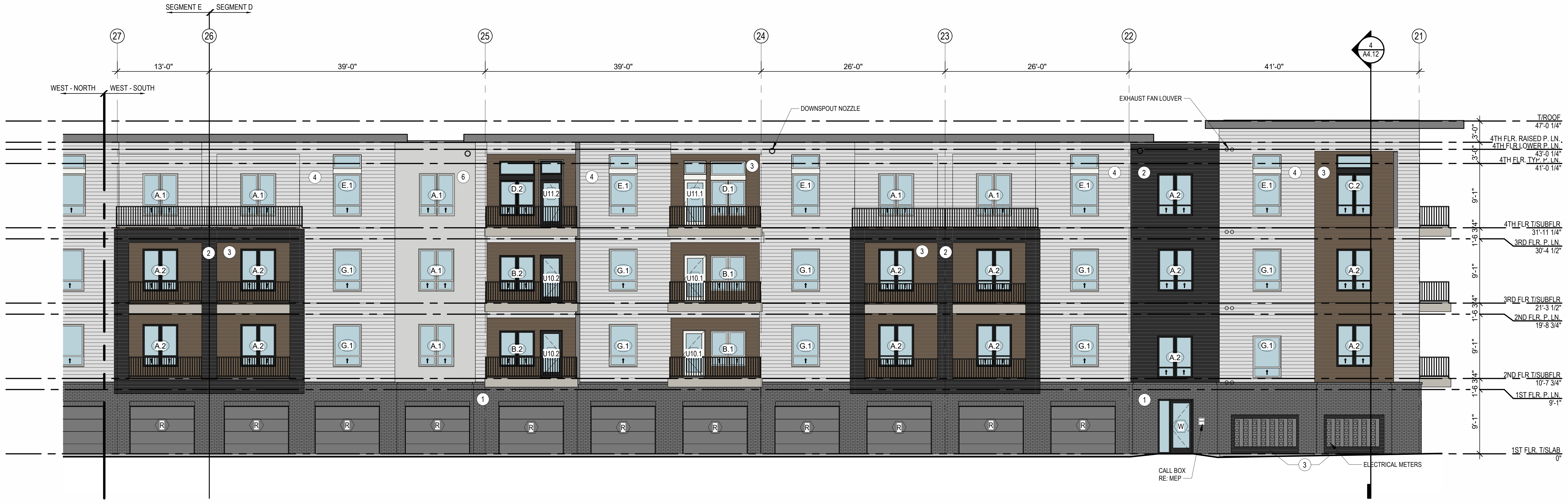
ARCH E1 30" x 48"



③ BLDG 1. OVERALL WEST ELEVATION
1/16" = 1'-0"



② BLDG 1. SOUTH ELEVATION
1/8" = 1'-0"



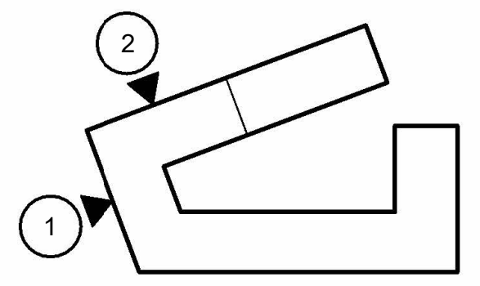
① BLDG 1. WEST ELEVATION - SOUTH
1/8" = 1'-0"

ELEVATIONS GENERAL NOTES:

1. NUMBER SUFFIX IN WINDOW TAG INDICATES WINDOW EXTERIOR FINISH. 'XX.1' INDICATES A WHITE VINYL EXTERIOR FINISH WHILE 'XX.2' INDICATES DARK BRONZE VINYL EXTERIOR FINISH. ALL WINDOW INTERIOR FINISHES TO BE WHITE THROUGHOUT PROJECT
3. BLACK ALUMINUM RAILINGS
4. HARDIE BOARD TRIM LOCATED AT ALL TRANSOM WINDOWS PAINTED WHITE OR BLACK TO MATCH WINDOW
5. NICHIHA SIDING LOCATED PRIMARILY AT CLUBHOUSE ENTRY AND 4TH FLOOR BALCONY SOFFITS
6. GREY PAINTED FASCIA TRIM
7. GREY PAINTED GARAGE DOORS
8. DETACHED GARAGES AND TRASH ENCLOSURE MATERIALS TO MATCH APARTMENT BUILDINGS

EXTERIOR MATERIAL LEGEND

■	①	CHARCOAL COLORED BRICK
▤	②	CEMENTITIOUS LAP SIDING PAINTED BLACK
▤	③	CEMENTITIOUS LAP SIDING PAINTED BROWN
▤	④	CEMENTITIOUS LAP SIDING PAINTED WHITE
■	⑤	STUCCO PAINTED BLACK
□	⑥	STUCCO PAINTED WHITE
▤	⑦	NICHIHA - VINTAGE WOOD



BLDG. 1 - KEY PLAN

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2	23 0428	ADD 1/CC 2

JOB NO. **705921**
DATE **03.15.2023**
DRAWN BY **TSC/SIW**
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME **BLDG. 1 EXTERIOR ELEVATIONS**
SHEET NO.
A3.01

4/30/2023 7:48:06 PM

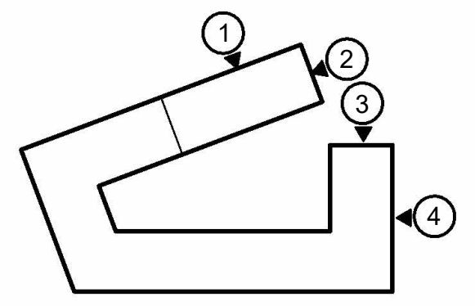
ARCH E1 30" x 48"

EXTERIOR MATERIAL LEGEND

■	①	CHARCOAL COLORED BRICK
■	②	CEMENTITIOUS LAP SIDING PAINTED BLACK
▨	③	CEMENTITIOUS LAP SIDING PAINTED BROWN
□	④	CEMENTITIOUS LAP SIDING PAINTED WHITE
■	⑤	STUCCO PAINTED BLACK
□	⑥	STUCCO PAINTED WHITE
▨	⑦	NICHIHA - VINTAGE WOOD

ELEVATIONS GENERAL NOTES:

1. NUMBER SUFFIX IN WINDOW TAG INDICATES WINDOW EXTERIOR FINISH. 'XX.1' INDICATES A WHITE VINYL EXTERIOR FINISH WHILE 'XX.2' INDICATES DARK BRONZE VINYL EXTERIOR FINISH. ALL WINDOW INTERIOR FINISHES TO BE WHITE THROUGHOUT PROJECT
3. BLACK ALUMINUM RAILINGS
4. HARDIE BOARD TRIM LOCATED AT ALL TRANSOM WINDOWS PAINTED WHITE OR BLACK TO MATCH WINDOW
5. NICHIHA SIDING LOCATED PRIMARILY AT CLUBHOUSE ENTRY AND 4TH FLOOR BALCONY SOFFITS
6. GREY PAINTED FASCIA TRIM
7. GREY PAINTED GARAGE DOORS
8. DETACHED GARAGES AND TRASH ENCLOSURE MATERIALS TO MATCH APARTMENT BUILDINGS



BLDG. 1 - KEY PLAN

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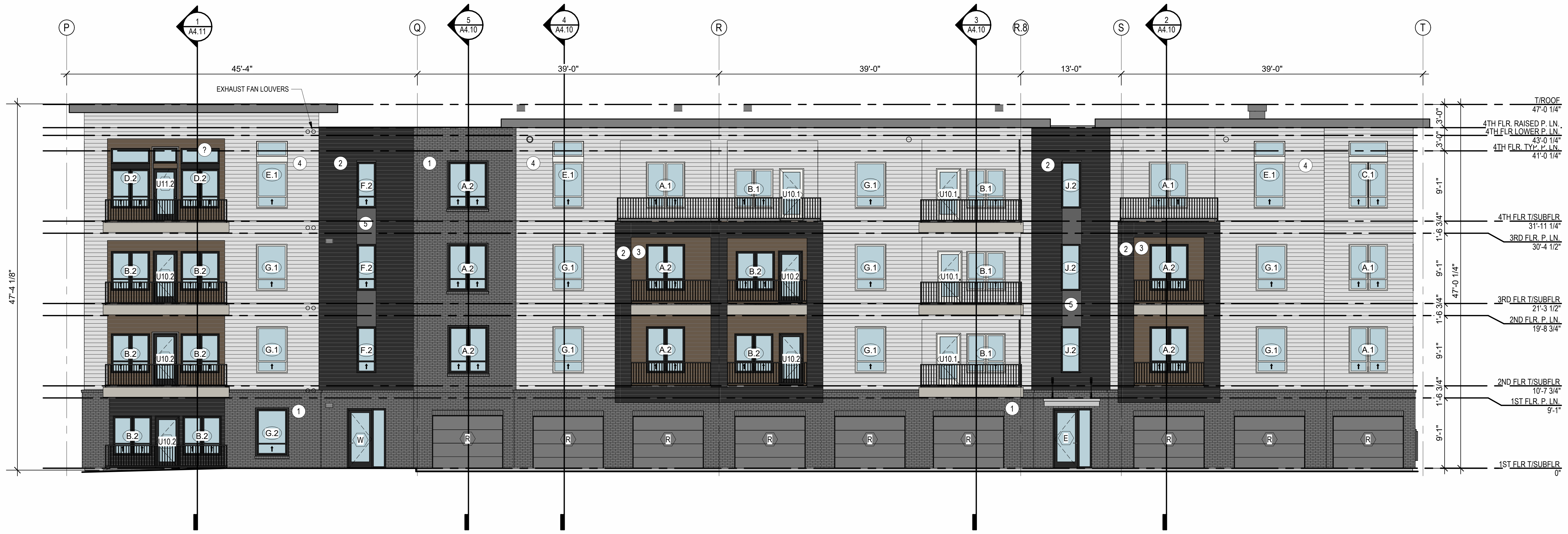
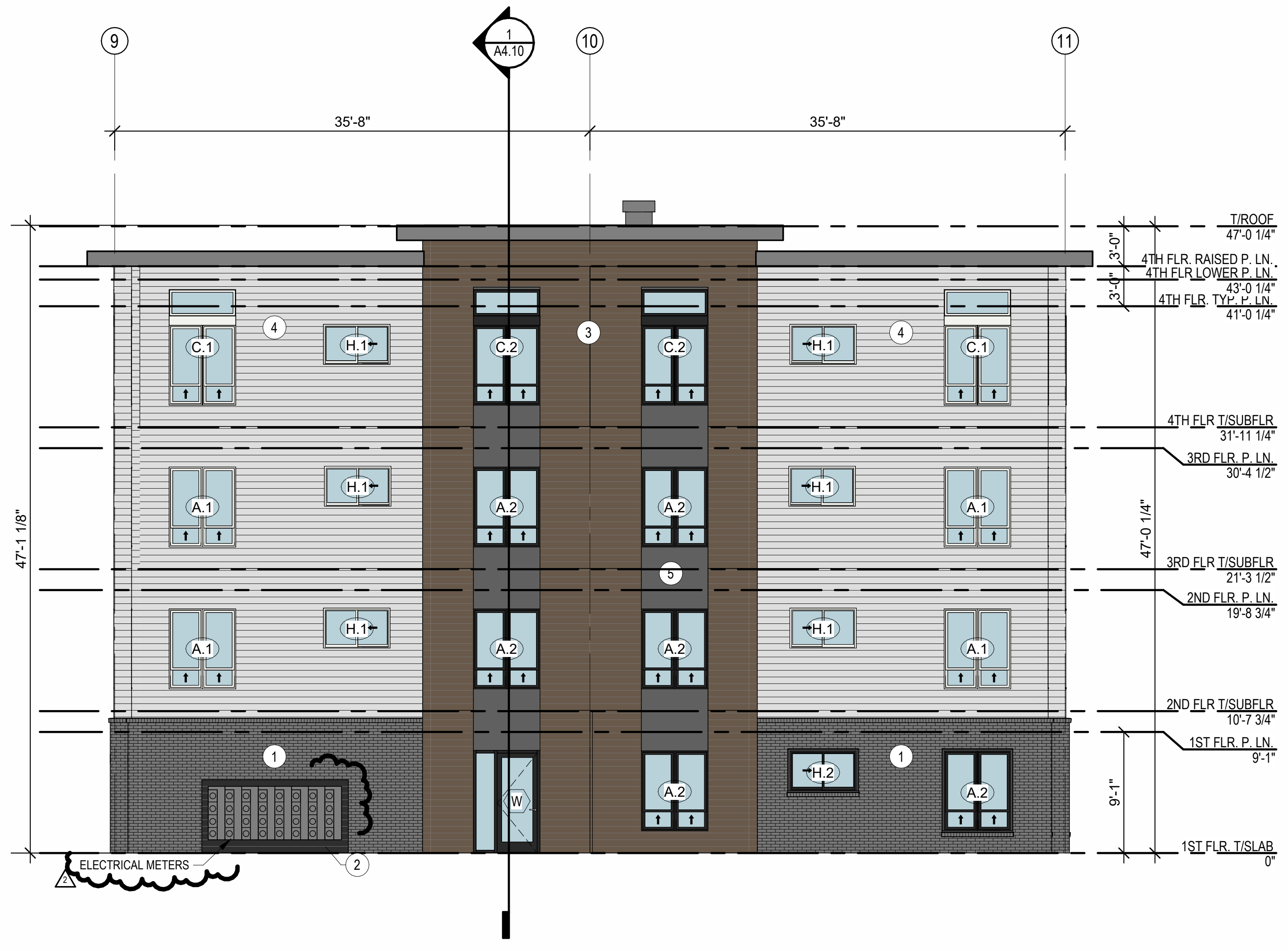
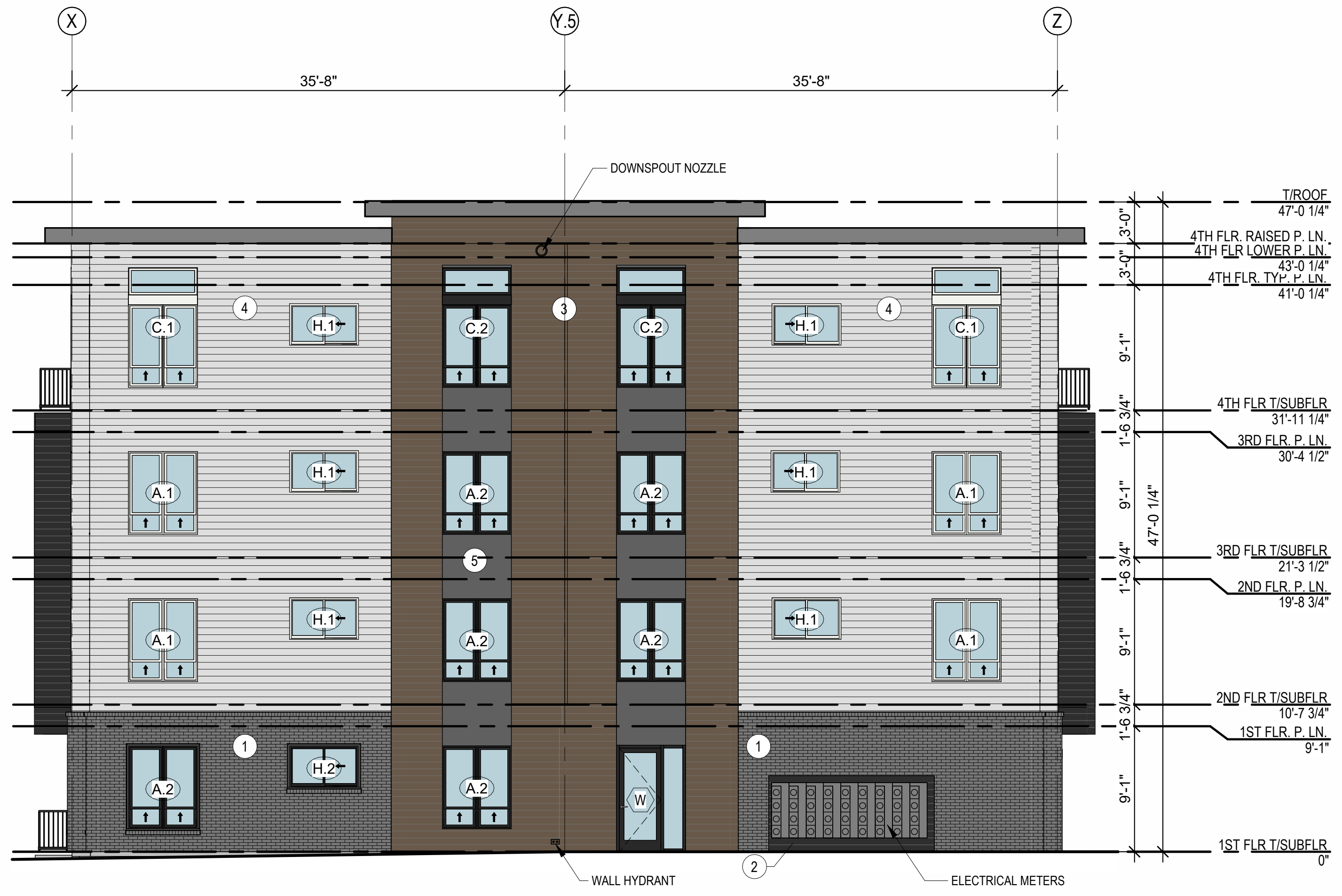


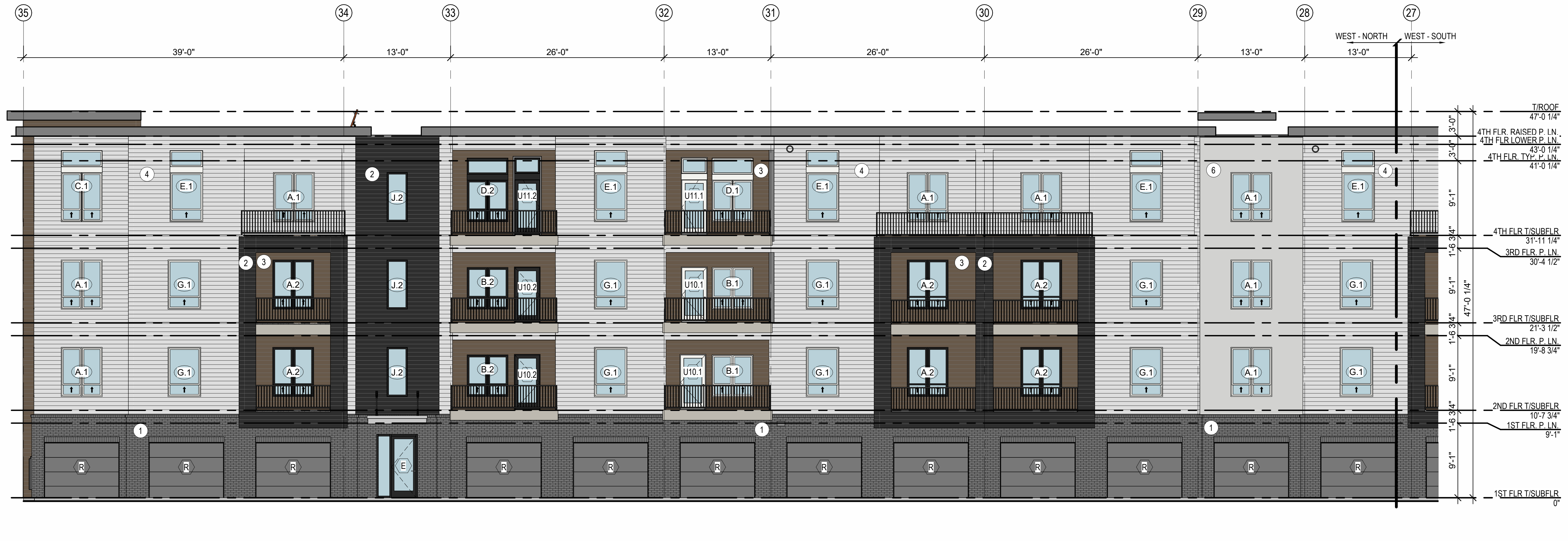
④ BLDG 1. NORTH ELEVATION
1/8" = 1'-0"


9
10
11
1 A4.10
35'-8"
35'-8"
47'-1 1/8"
C.1
H.1
C.2
A.1
A.2
H.2
W
ELECTRICAL METERS
2
T/ROOF 47'-0 1/4"
4TH FLR. RAISED P. LN.
4TH FLR LOWER P. LN. 43'-0 1/4"
4TH FLR. TYP. P. LN. 41'-0 1/4"
4TH FLR T/SUBFLR 31'-11 1/4"
3RD FLR. P. LN. 30'-4 1/2"
3RD FLR T/SUBFLR 21'-3 1/2"
2ND FLR. P. LN. 19'-8 3/4"
2ND FLR T/SUBFLR 10'-7 3/4"
1ST FLR. P. LN. 9'-1"
1ST FLR. T/SLAB 0"
3'-0"
9'-1"
47'-0 1/4"

③ BLDG. 1 - WEST ELEVATION
1/8" = 1'-0"


X
Y.5
Z
35'-8"
35'-8"
DOWNSPOUT NOZZLE
C.1
H.1
C.2
A.1
A.2
H.2
W
WALL HYDRANT
ELECTRICAL METERS
T/ROOF 47'-0 1/4"
4TH FLR. RAISED P. LN.
4TH FLR LOWER P. LN. 43'-0 1/4"
4TH FLR. TYP. P. LN. 41'-0 1/4"
4TH FLR T/SUBFLR 31'-11 1/4"
3RD FLR. P. LN. 30'-4 1/2"
3RD FLR T/SUBFLR 21'-3 1/2"
2ND FLR. P. LN. 19'-8 3/4"
2ND FLR T/SUBFLR 10'-7 3/4"
1ST FLR. P. LN. 9'-1"
1ST FLR T/SUBFLR 0"
47'-0 1/4"

② BLDG. 1 - NORTH ELEVATION
1/8" = 1'-0"



① BLDG 1. WEST ELEVATION - NORTH
1/8" = 1'-0"

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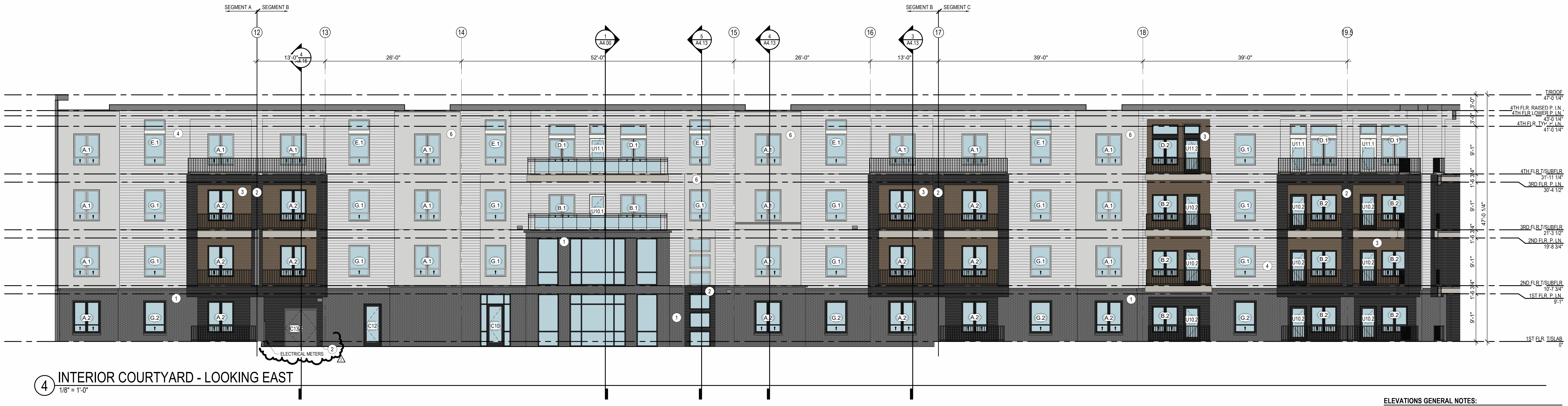
2 23 0428 ADD 1/CC 2

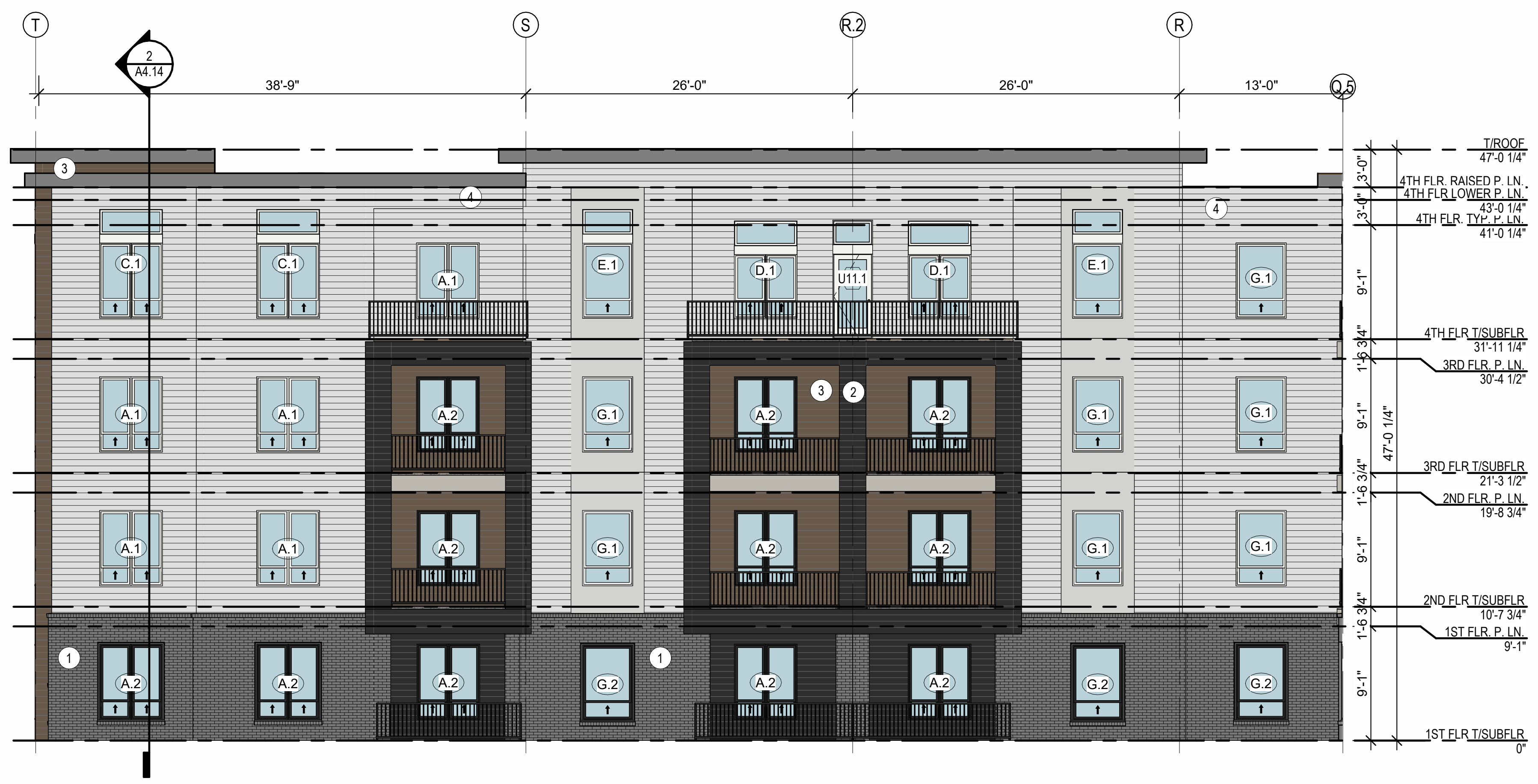
JOB NO. 705921
DATE 03.15.2023
DRAWN BY TSC/SIW
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
BLDG. 1 EXTERIOR ELEVATIONS
SHEET NO.
A3.02

4/30/2023 7:49:22 PM

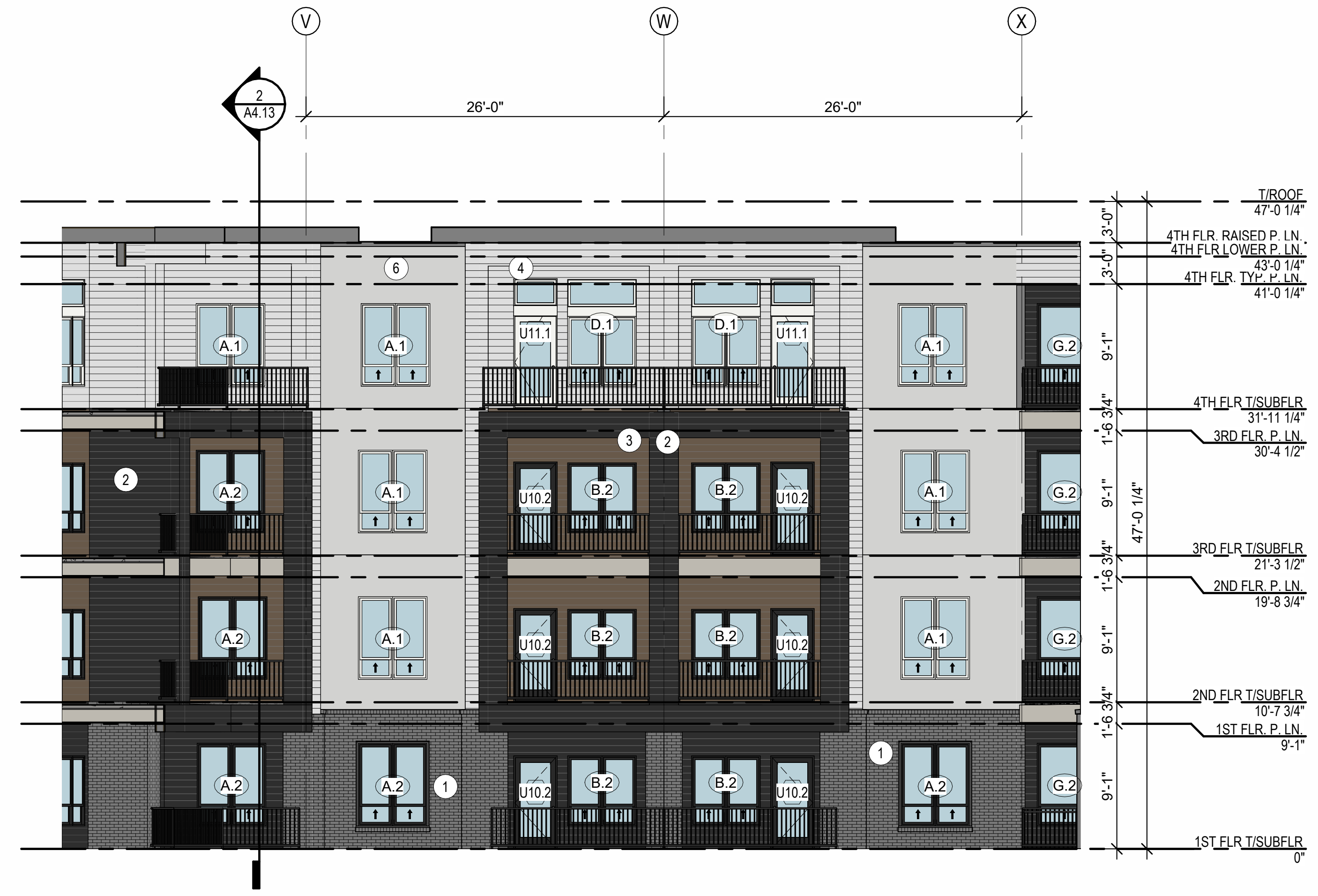
ARCH E1 30" x 48"



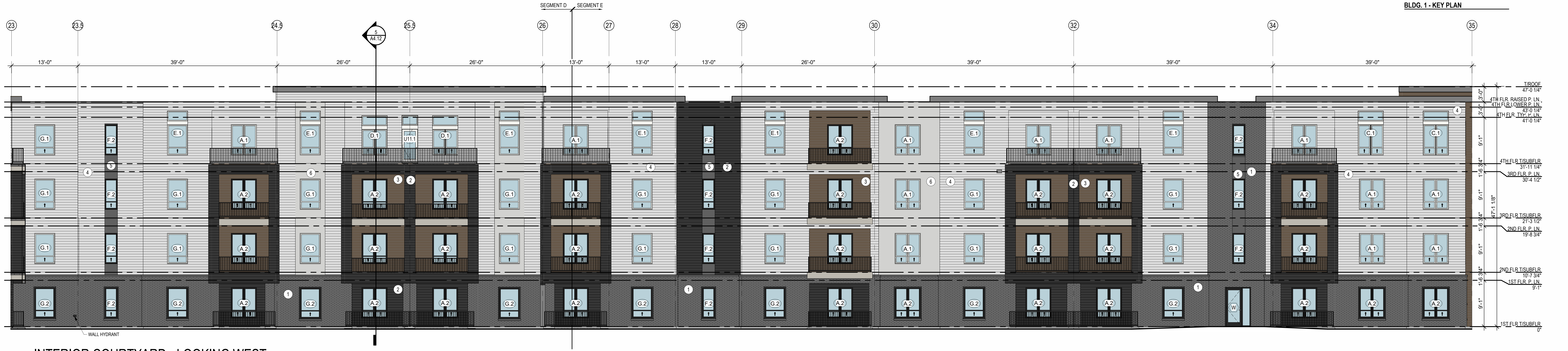
4 INTERIOR COURTYARD - LOOKING EAST
1/8" = 1'-0"


T
S
R.2
R
Q.5
38'-9"
26'-0"
26'-0"
13'-0"
A4.14
T/ROOF 47'-0 1/4"
4TH FLR. RAISED P. LN.
4TH FLR. LOWER P. LN. 43'-0 1/4"
4TH FLR. TYP. P. LN. 41'-0 1/4"
4TH FLR T/SUBFLR 31'-11 1/4"
3RD FLR. P. LN. 30'-4 1/2"
3RD FLR T/SUBFLR 21'-3 1/2"
2ND FLR. P. LN. 19'-8 3/4"
2ND FLR T/SUBFLR 10'-7 3/4"
1ST FLR. P. LN. 9'-1"
1ST FLR T/SUBFLR 0"
47'-0 1/4"

3 INTERIOR COURTYARD - LOOKING NORTH
1/8" = 1'-0"


V
W
X
26'-0"
26'-0"
A4.13
T/ROOF 47'-0 1/4"
4TH FLR. RAISED P. LN.
4TH FLR. LOWER P. LN. 43'-0 1/4"
4TH FLR. TYP. P. LN. 41'-0 1/4"
4TH FLR T/SUBFLR 31'-11 1/4"
3RD FLR. P. LN. 30'-4 1/2"
3RD FLR T/SUBFLR 21'-3 1/2"
2ND FLR. P. LN. 19'-8 3/4"
2ND FLR T/SUBFLR 10'-7 3/4"
1ST FLR. P. LN. 9'-1"
1ST FLR T/SUBFLR 0"
47'-0 1/4"

2 INTERIOR COURTYARD - LOOKING SOUTH
1/8" = 1'-0"



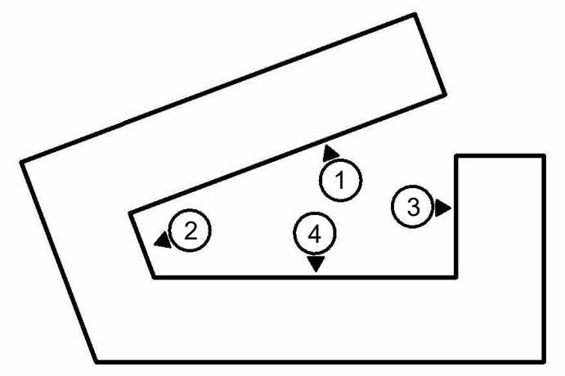
1 INTERIOR COURTYARD - LOOKING WEST
1/8" = 1'-0"

ELEVATIONS GENERAL NOTES:

1. NUMBER SUFFIX IN WINDOW TAG INDICATES WINDOW EXTERIOR FINISH. 'XX.1' INDICATES A WHITE VINYL EXTERIOR FINISH WHILE 'XX.2' INDICATES DARK BRONZE VINYL EXTERIOR FINISH. ALL WINDOW INTERIOR FINISHES TO BE WHITE THROUGHOUT PROJECT
3. BLACK ALUMINUM RAILINGS
4. HARDIE BOARD TRIM LOCATED AT ALL TRANSOM WINDOWS PAINTED WHITE OR BLACK TO MATCH WINDOW
5. NICHIHA SIDING LOCATED PRIMARILY AT CLUBHOUSE ENTRY AND 4TH FLOOR BALCONY SOFFITS
6. GREY PAINTED FASCIA TRIM
7. GREY PAINTED GARAGE DOORS
8. DETACHED GARAGES AND TRASH ENCLOSURE MATERIALS TO MATCH APARTMENT BUILDINGS

EXTERIOR MATERIAL LEGEND

■	①	CHARCOAL COLORED BRICK
■	②	CEMENTITIOUS LAP SIDING PAINTED BLACK
▨	③	CEMENTITIOUS LAP SIDING PAINTED BROWN
□	④	CEMENTITIOUS LAP SIDING PAINTED WHITE
■	⑤	STUCCO PAINTED BLACK
□	⑥	STUCCO PAINTED WHITE
▨	⑦	NICHIHA - VINTAGE WOOD



BLDG. 1 - KEY PLAN

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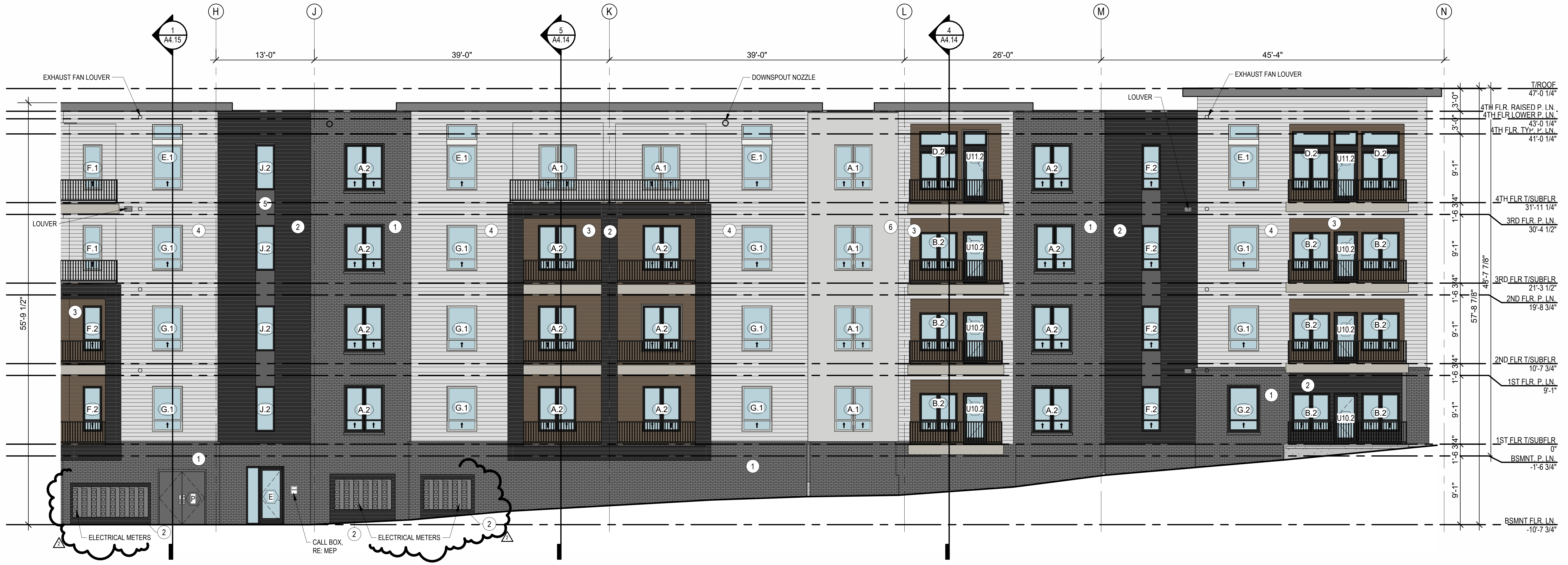
REVISIONS
2 23 0428 ADD 1/CC 2

JOB NO. 705921
DATE 03.15.2023
DRAWN BY TSC/SIW
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME BLDG. 1 COURTYARD ELEVATIONS
SHEET NO.
A3.03

4/30/2023 7:50:47 PM



3 BLDG. 2 NORTH - SEGMENT G

1/8" = 1'-0"

ELEVATIONS GENERAL NOTES:

1. NUMBER SUFFIX IN WINDOW TAG INDICATES WINDOW EXTERIOR FINISH. 'XX.1' INDICATES A WHITE VINYL EXTERIOR FINISH WHILE 'XX.2' INDICATES DARK BRONZE VINYL EXTERIOR FINISH. ALL WINDOW INTERIOR FINISHES TO BE WHITE THROUGHOUT PROJECT
3. BLACK ALUMINUM RAILINGS
4. HARDIE BOARD TRIM LOCATED AT ALL TRANSOM WINDOWS PAINTED WHITE OR BLACK TO MATCH WINDOW
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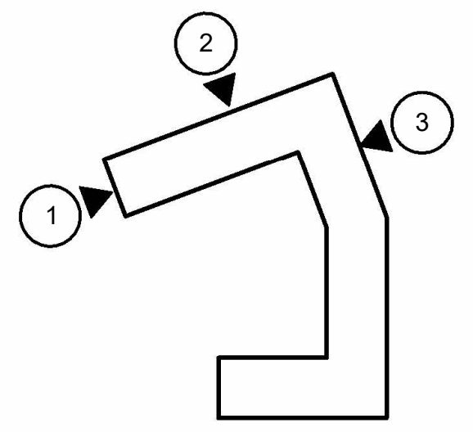
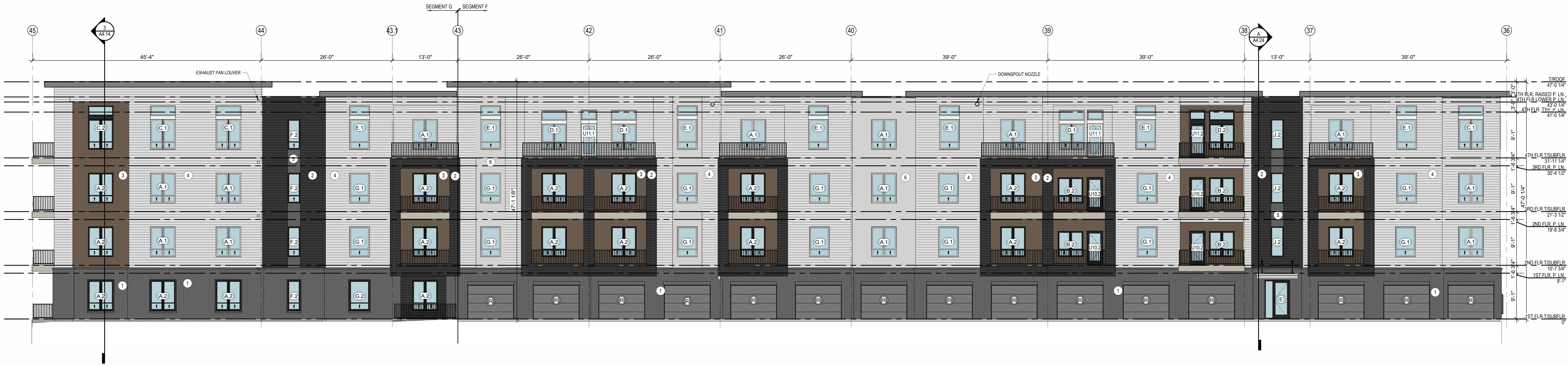
7. GREY PAINTED GARAGE DOORS
8. DETACHED GARAGES AND TRASH ENCLOSURE MATERIALS TO MATCH APARTMENT BUILDINGS

EXTERIOR MATERIAL LEGEND

■	①	CHARCOAL COLORED BRICK
■	②	CEMENTITIOUS LAP SIDING PAINTED BLACK
▨	③	CEMENTITIOUS LAP SIDING PAINTED BROWN
□	④	CEMENTITIOUS LAP SIDING PAINTED WHITE
■	⑤	STUCCO PAINTED BLACK
□	⑥	STUCCO PAINTED WHITE
▨	⑦	NICHIHA - VINTAGE WOOD

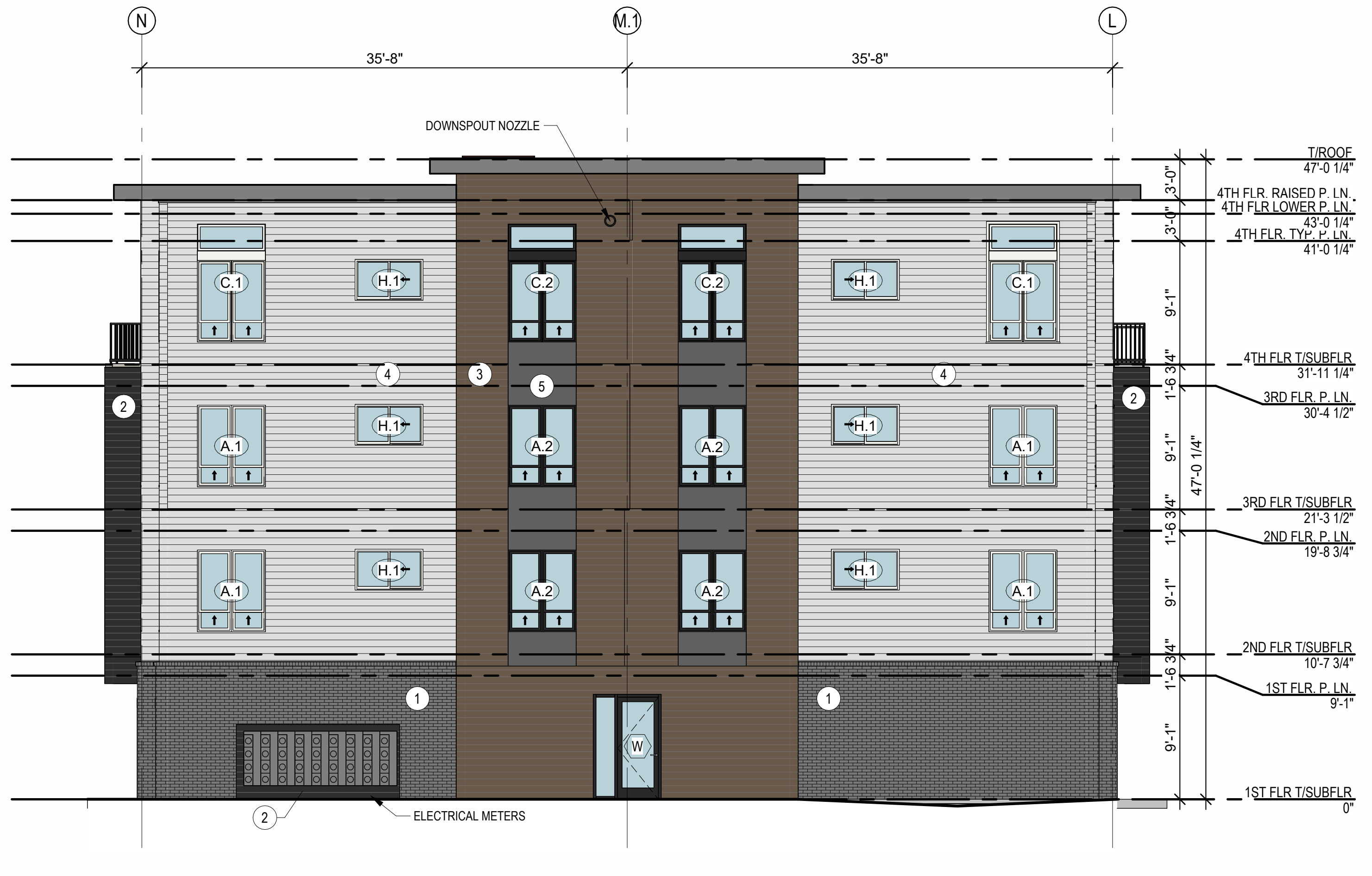


BLDG. 2 - KEY PLAN



2 BLDG. 2 - WEST

1/8" = 1'-0"



1 BLDG. 2 SOUTH - SEGMENT F

1/8" = 1'-0"

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2	23 0428	ADD 1/CC 2

JOB NO. 705921
DATE 03.15.2023
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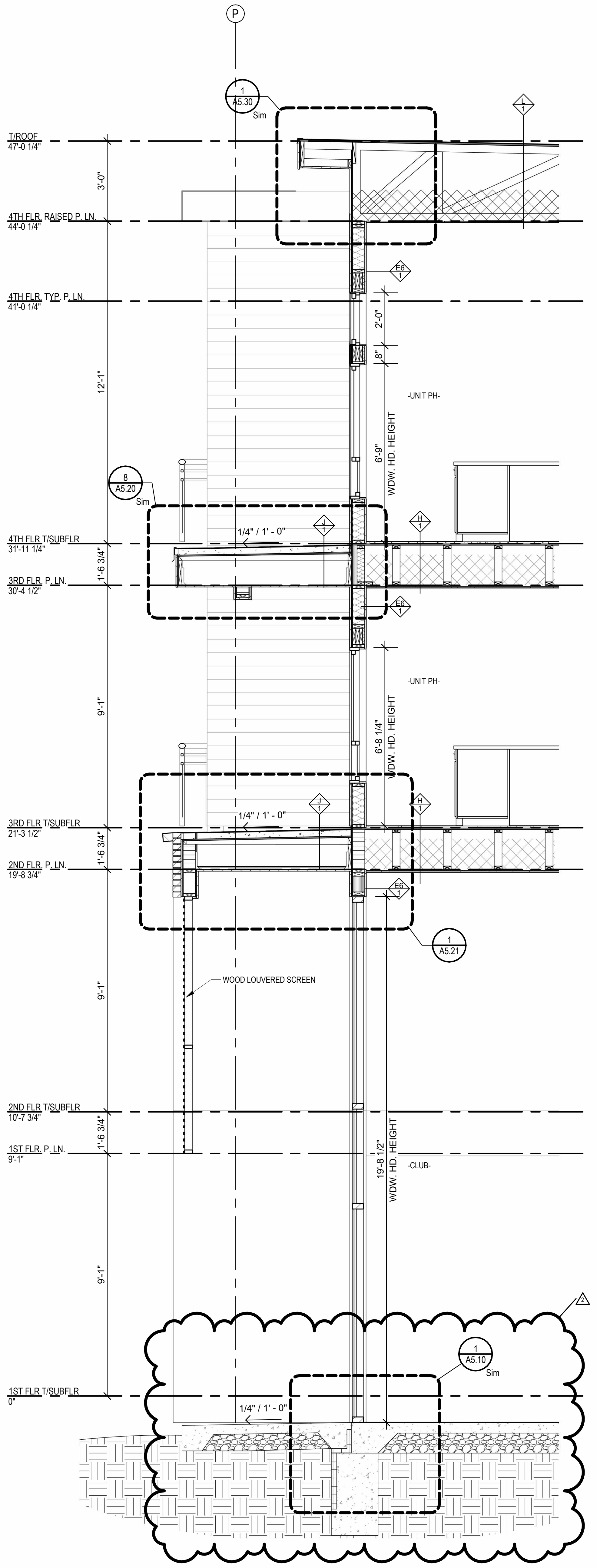
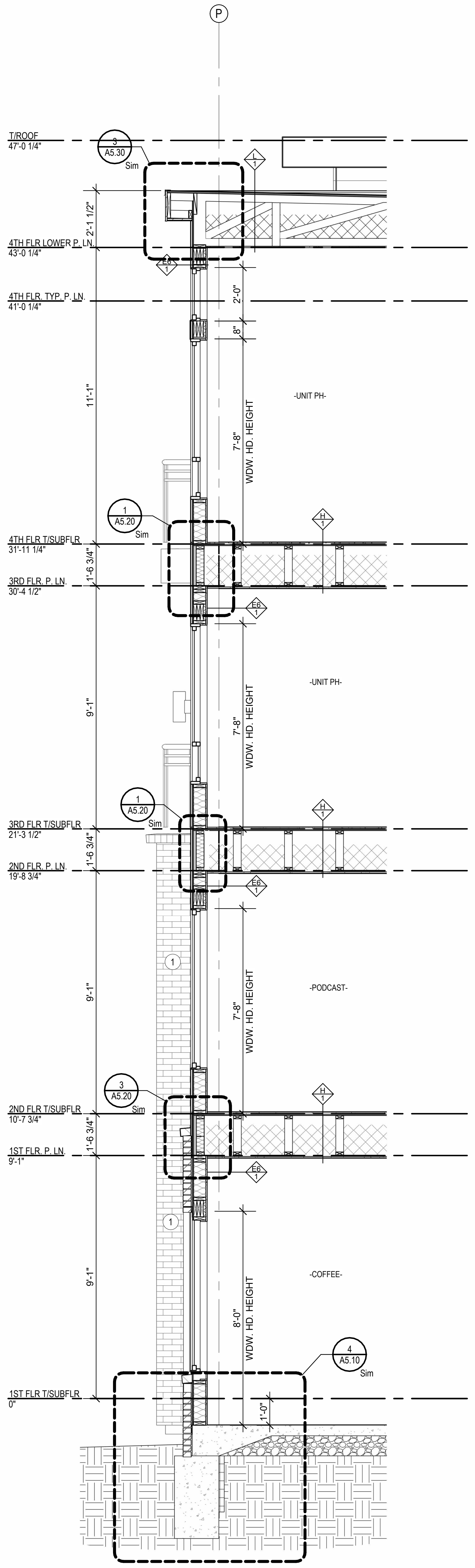
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
BLDG. 2 EXTERIOR ELEVATIONS
SHEET NO.
A3.04

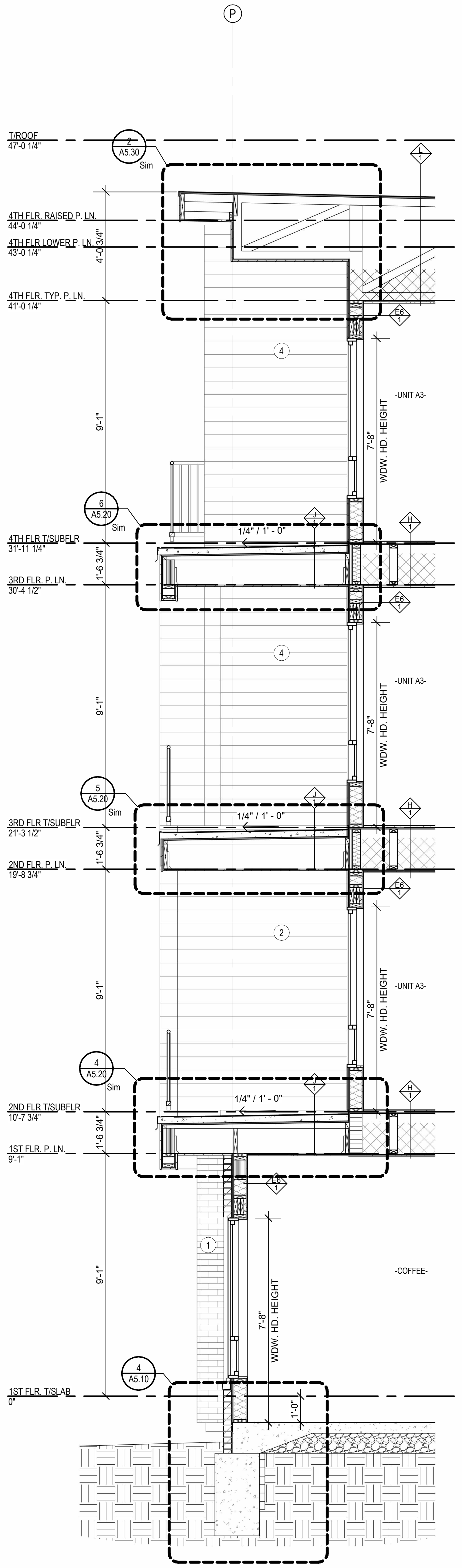
ARCH E1 30" x 48"



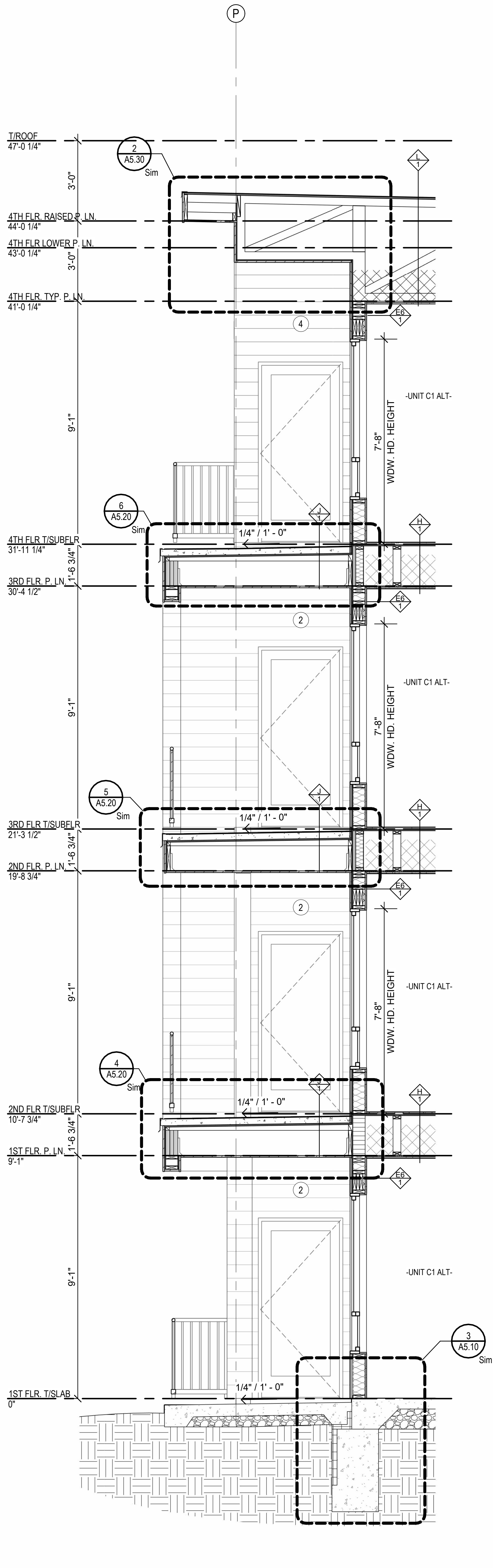
5 WALL SECTION
3/8" = 1'-0"



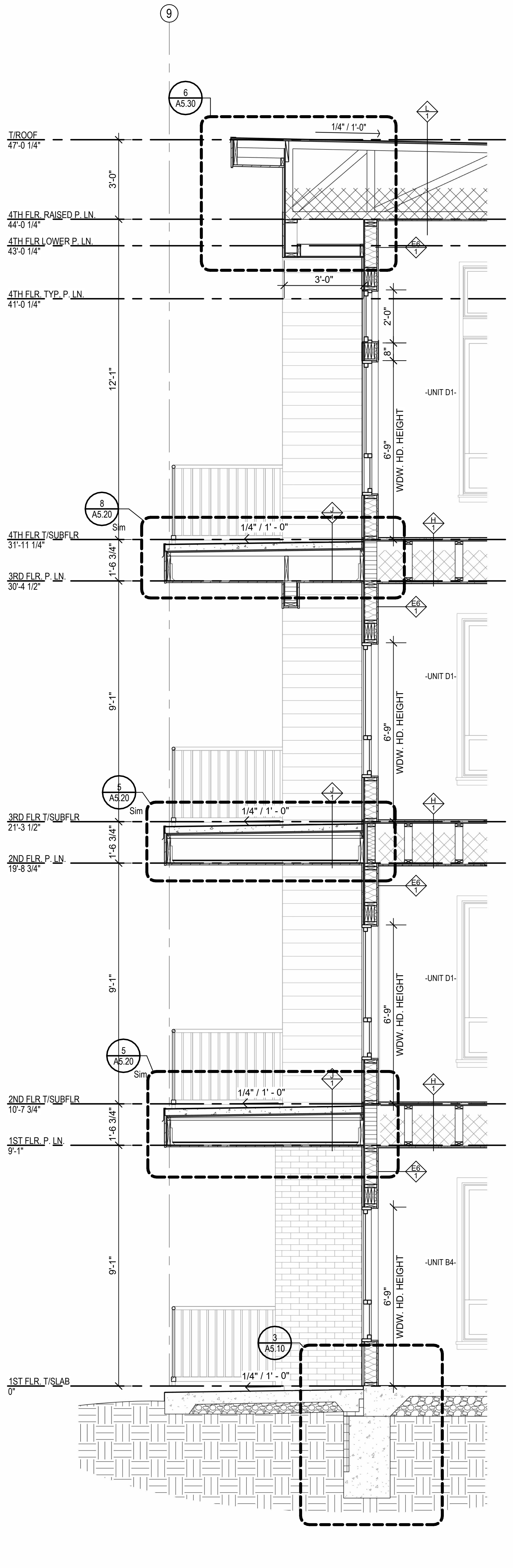
4 WALL SECTION
3/8" = 1'-0"



3 WALL SECTION
3/8" = 1'-0"



2 WALL SECTION
3/8" = 1'-0"



1 WALL SECTION
3/8" = 1'-0"

4/30/2023 7:52:35 PM

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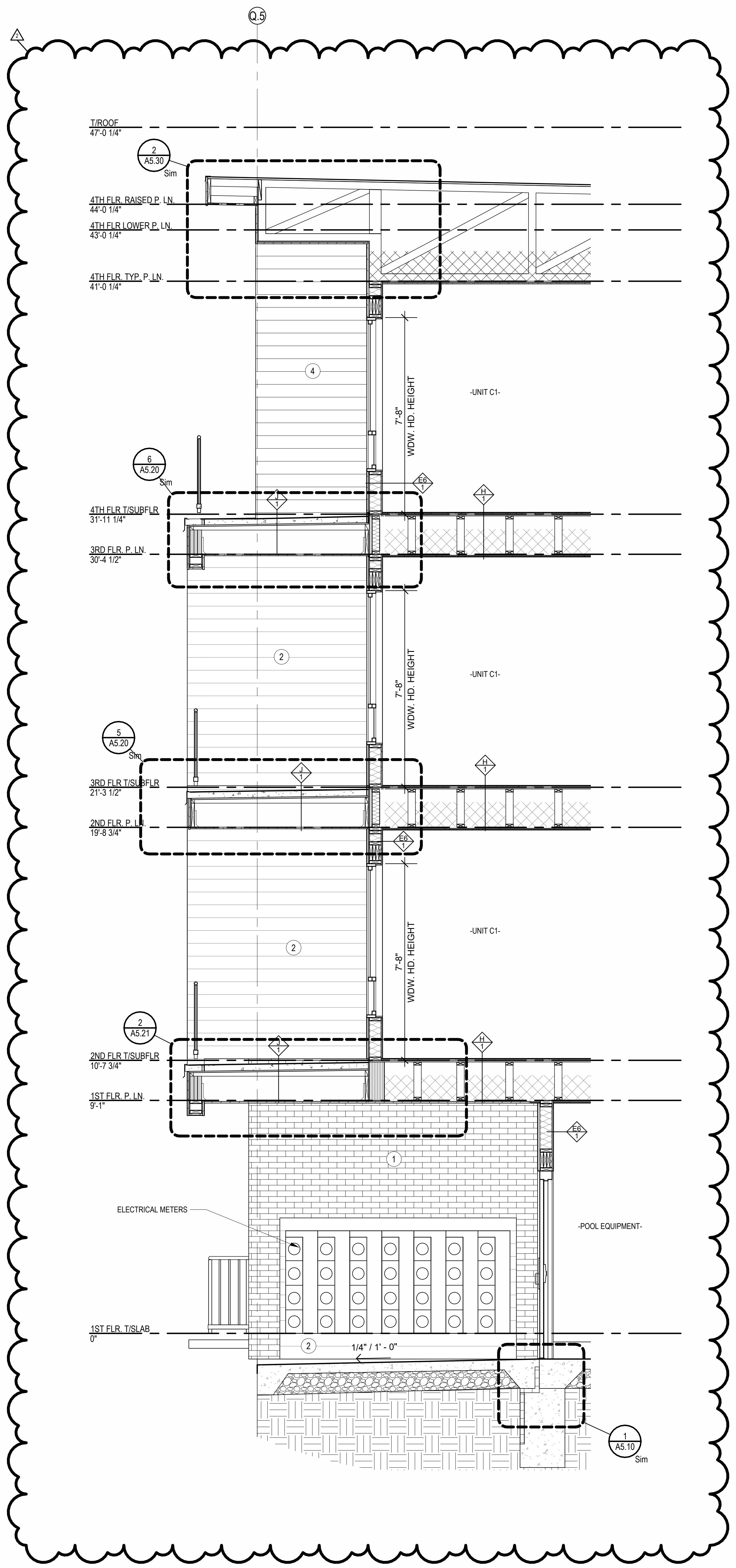
2 23 0428 ADD 1/CC 2

JOB NO. 705921
DATE 03.15.2023
DRAWN BY TSC/SIW
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME WALL SECTIONS
SHEET NO. A4.11

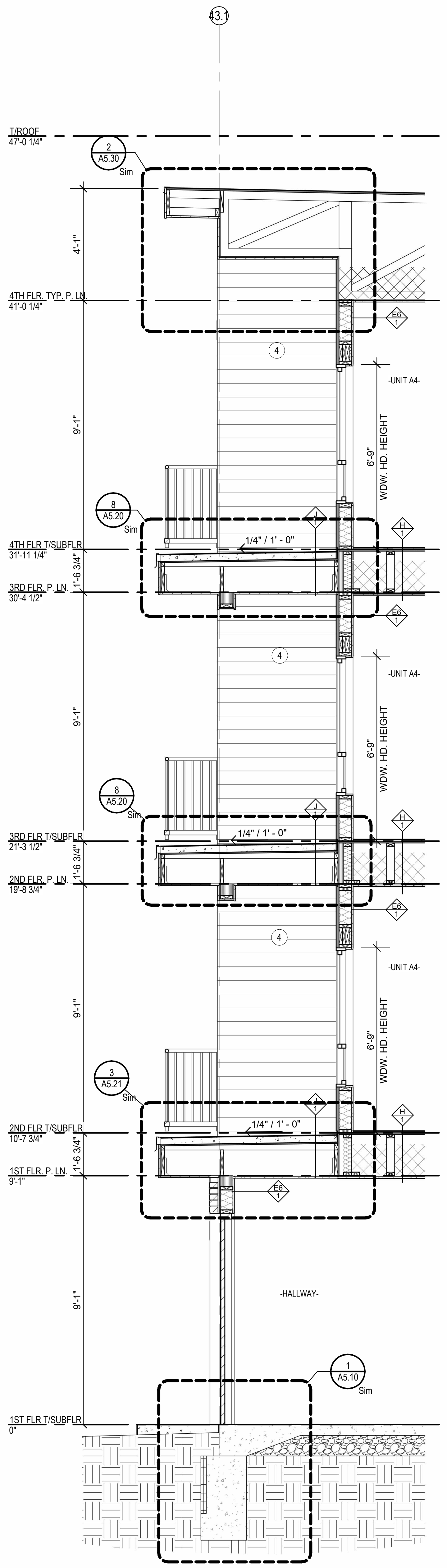
ARCH E1 30" x 48"



WALL SECTION

④ WALL SECTION

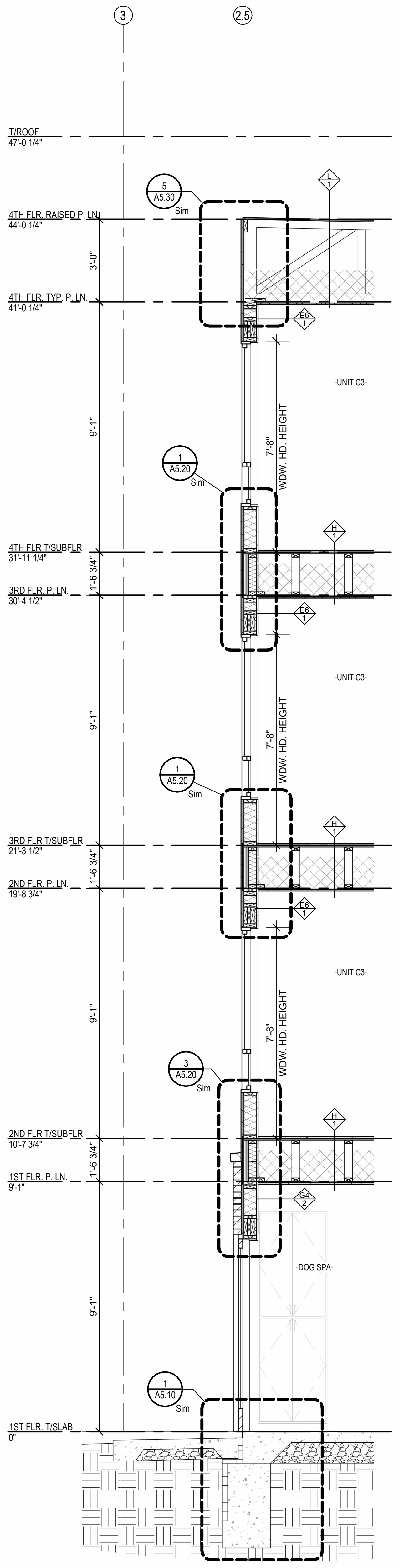
3/8" = 1'-0"



WALL SECTION

③ WALL SECTION

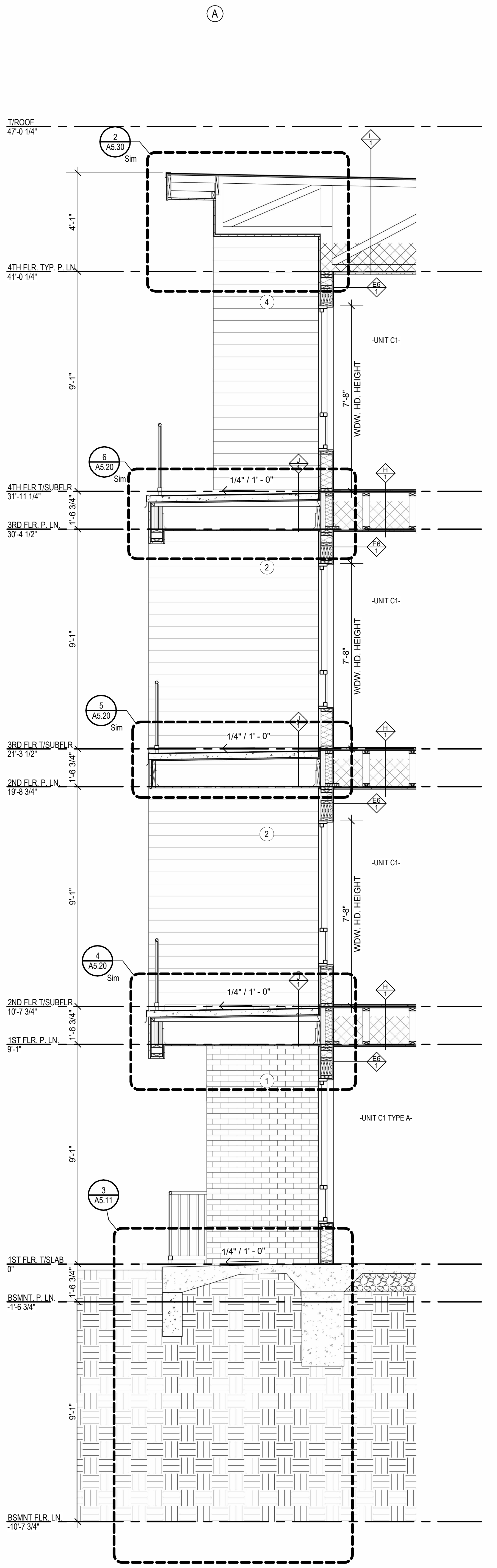
3/8" = 1'-0"



WALL SECTION

② WALL SECTION

3/8" = 1'-0"



WALL SECTION

① WALL SECTION

3/8" = 1'-0"

5/1/2023 2:50:10 PM

NSPJ
ARCHITECTS PA
3515 W. 75TH ST., SUITE 201
PRAIRIE VILLAGE, KS 66208

ARCHITECTURE
LANDSCAPE
ARCHITECTURE
ENERGY SERVICES

P. 913.831.1415
F. 913.831.1563
NSPJARCH.COM

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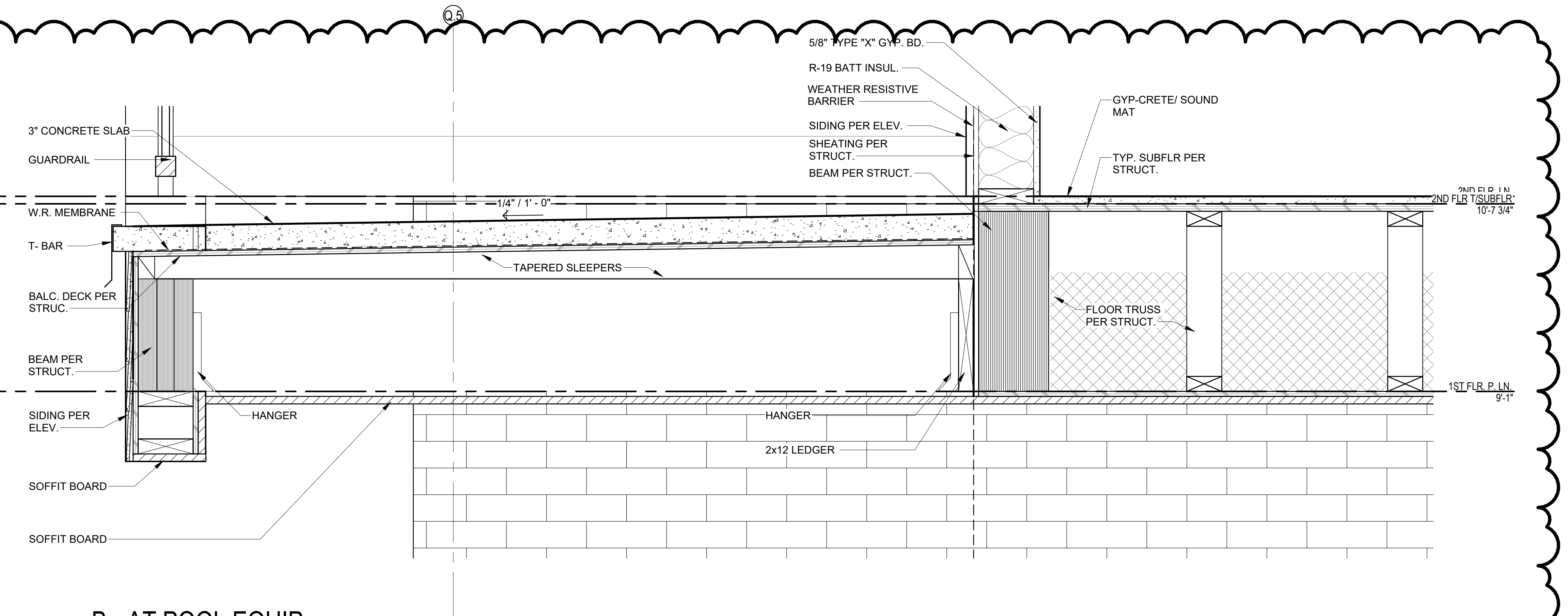
A NEW RESIDENTIAL COMMUNITY AT:
TRILOGY
800 & 810 NW WARD RD. | LEE'S SUMMIT, MO

DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

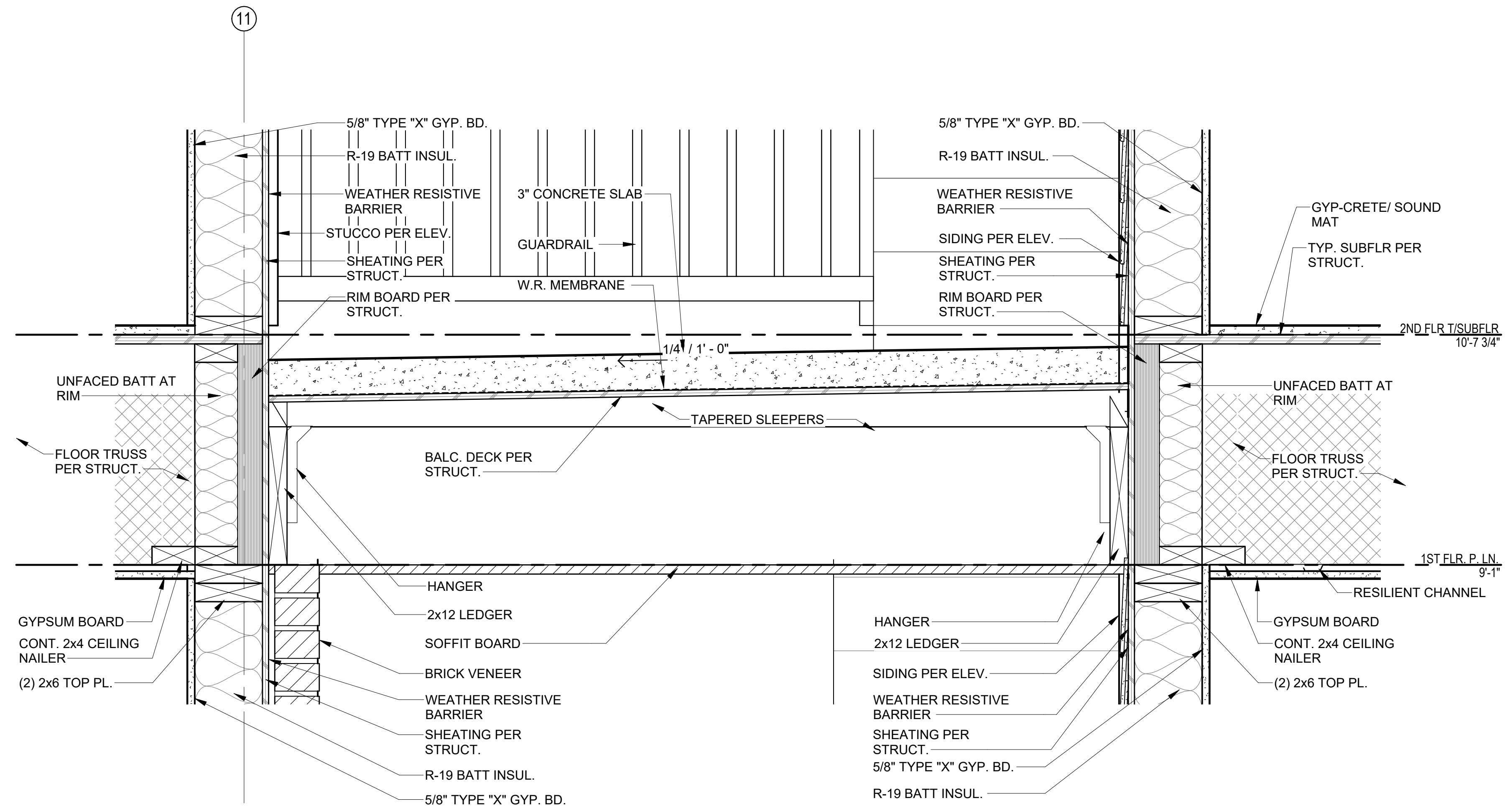
△REVISIONS
2 23 0428 ADD 1/CC 2

JOB NO. 705921
DATE 03.15.2023
DRAWN BY TSC/SIW
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME WALL SECTIONS
SHEET NO. A4.16

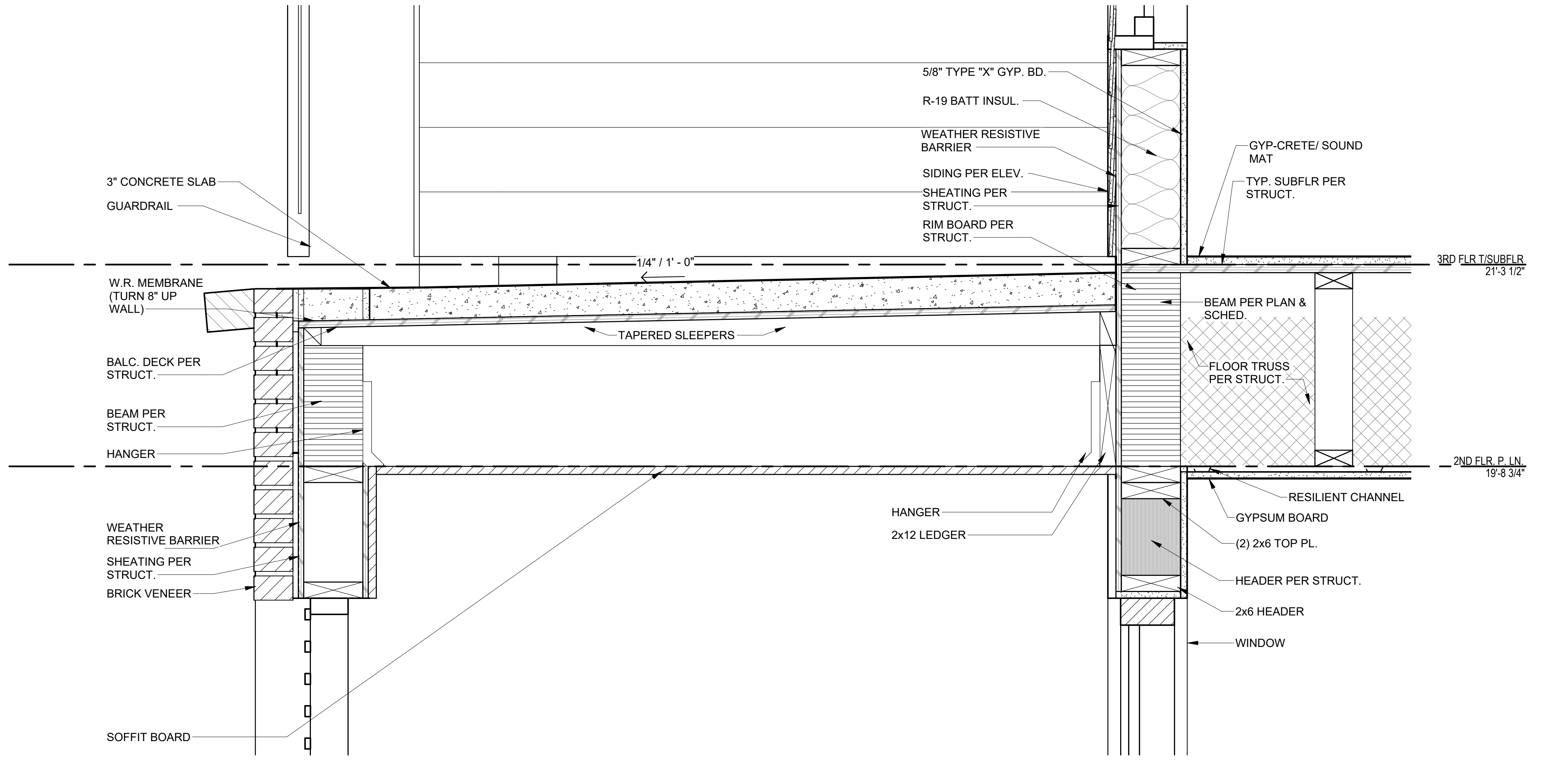
ARCH E1 30" x 48"



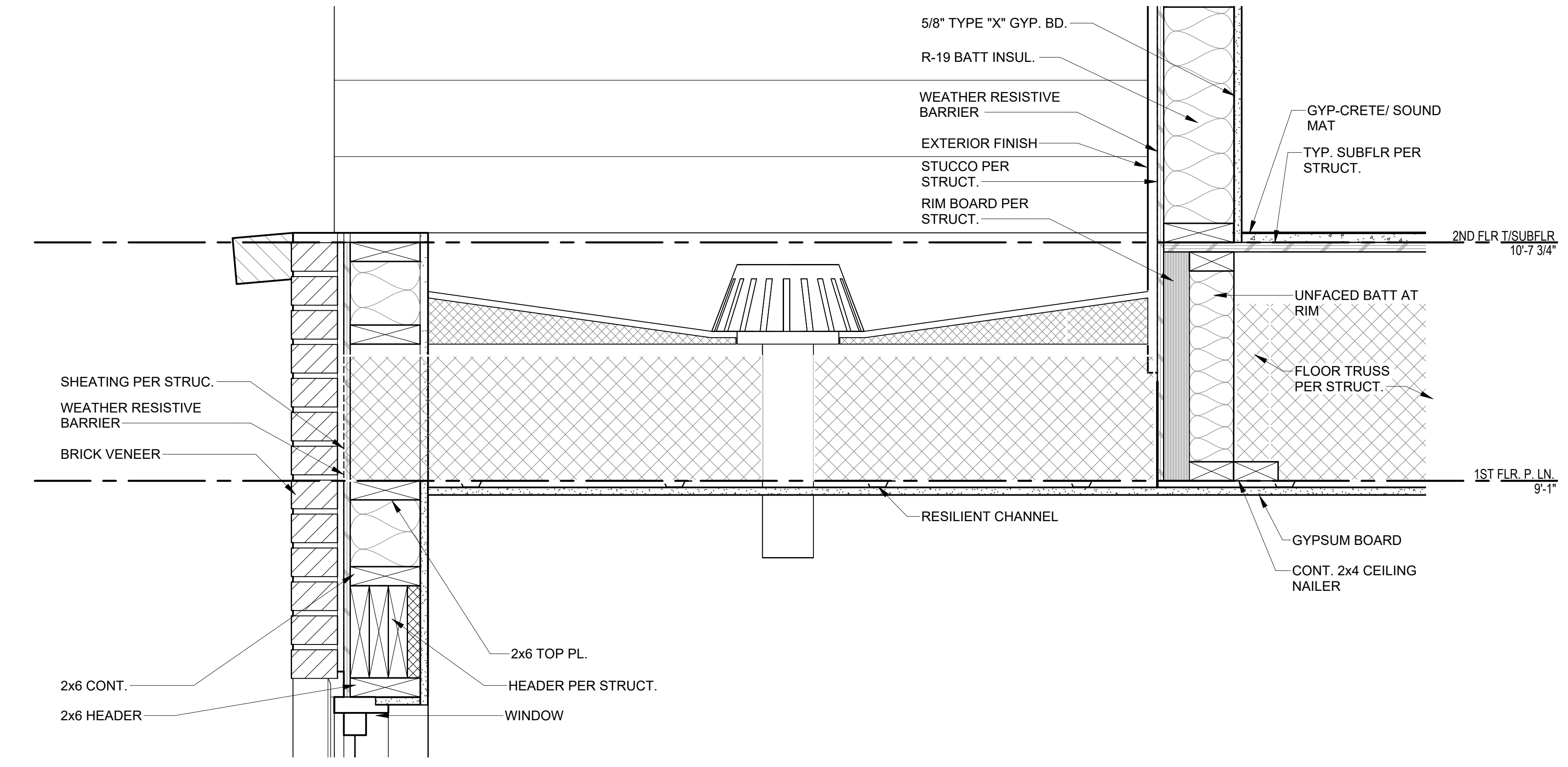
2 B - AT POOL EQUIP
1 1/2" = 1'-0"



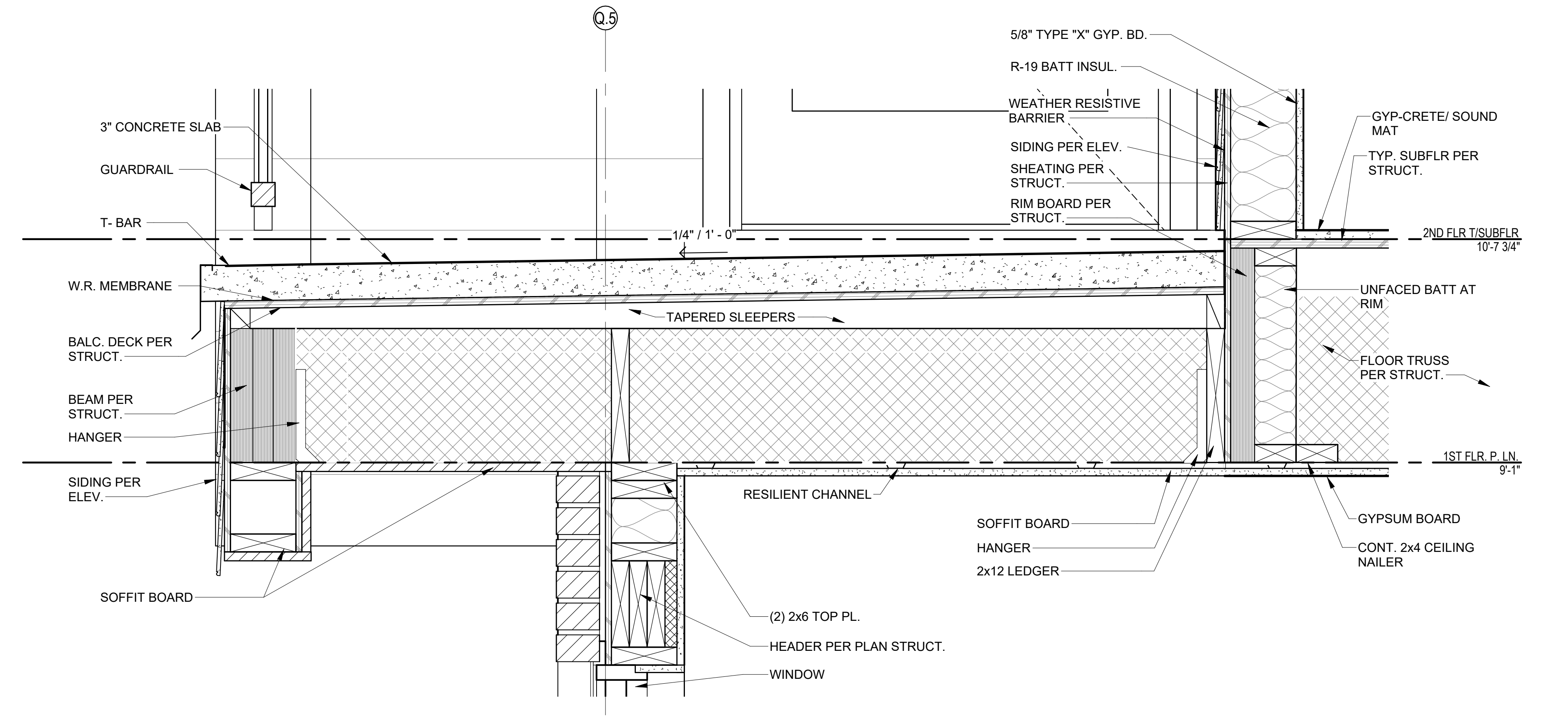
5 B - INSIDE CORNER
1 1/2" = 1'-0"



1 B - AT CLUB ENTRY
1 1/2" = 1'-0"



4 R - OVER FITNESS
1 1/2" = 1'-0"



3 B - OVER FITNESS
1 1/2" = 1'-0"

5/1/2023 2:50:11 PM

ARCHITECTURE
LANDSCAPE ARCHITECTURE
ENERGY SERVICES

NSPJ ARCHITECTS PA
3515 W. 75TH ST., SUITE 201
PRAIRIE VILLAGE, KS 66208

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TRILOGY
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DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

REVISIONS

1	23 0411	CITY COMMENTS 1
2	23 0428	ADD 1/CC 2

JOB NO.
705921

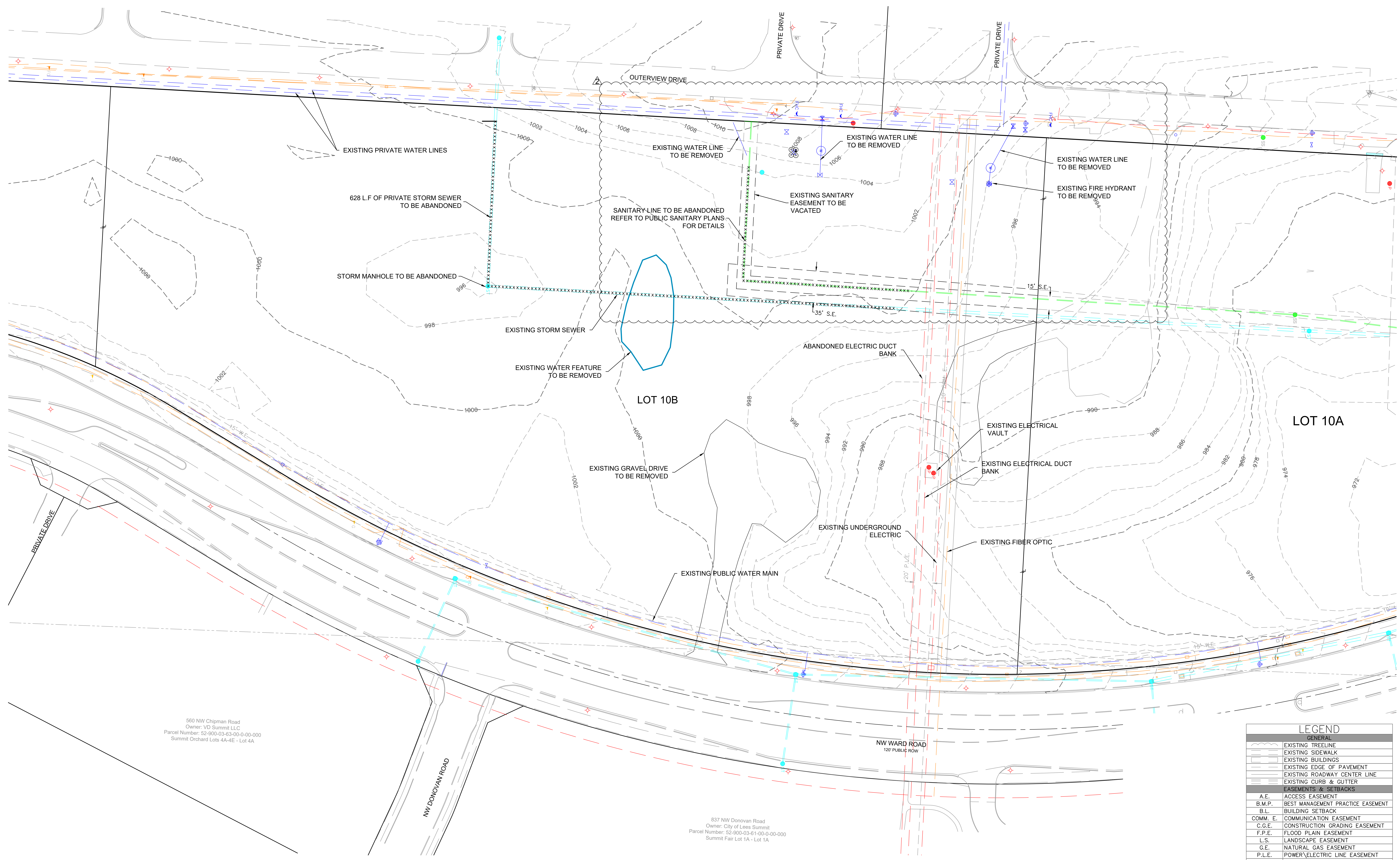
DATE
03.15.2023

DRAWN BY
TSC/SIW

4/28/2023 ADDENDUM 1/ CITY COMMENTS #2

SHEET NAME
MID WALL & BALCONY DETAILS

SHEET NO.
A5.21


OUTERVIEW DRIVE
PRIVATE DRIVE
PRIVATE DRIVE
EXISTING PRIVATE WATER LINES
628 L.F OF PRIVATE STORM SEWER TO BE ABANDONED
STORM MANHOLE TO BE ABANDONED
EXISTING STORM SEWER
EXISTING WATER FEATURE TO BE REMOVED
EXISTING WATER LINE TO BE REMOVED
EXISTING WATER LINE TO BE REMOVED
SANITARY LINE TO BE ABANDONED REFER TO PUBLIC SANITARY PLANS FOR DETAILS
EXISTING SANITARY EASEMENT TO BE VACATED
EXISTING WATER LINE TO BE REMOVED
EXISTING FIRE HYDRANT TO BE REMOVED
15' S.E.
35' S.E.
ABANDONED ELECTRIC DUCT BANK
LOT 10B
LOT 10A
EXISTING ELECTRICAL VAULT
EXISTING ELECTRICAL DUCT BANK
EXISTING GRAVEL DRIVE TO BE REMOVED
EXISTING UNDERGROUND ELECTRIC
EXISTING FIBER OPTIC
EXISTING PUBLIC WATER MAIN
20' P.L.E.
15' W.E.
15' W.E.
PRIVATE DRIVE
NW DONOVAN ROAD
NW WARD ROAD
120' PUBLIC ROW
1000
1002
1004
1006
1008
1010
998
996
994
992
990
988
986
984
982
980
978
976
974
972

560 NW Chipman Road
Owner: VD Summit LLC
Parcel Number: 52-900-03-63-00-0-00-000
Summit Orchard Lots 4A-4E - Lot 4A

837 NW Donovan Road
Owner: City of Lees Summit
Parcel Number: 52-900-03-61-00-0-00-000
Summit Fair Lot 1A - Lot 1A

SURVEY PREPARED BY ANDERSON ENGINEERING, INC.
LOTS PROPOSED BY MINOR LOT LINE ADJUSTMENT BY ANDERSON ENGINEERING, INC.

NO EXISTING OIL AND GAS WELLS LOCATED ON SITE ACCORDING TO MISSOURI DEPARTMENT OF NATURAL RESOURCES' MISSOURI GEOLOGICAL SURVEY

N

0' 20' 40' 80'
SCALE IN FEET

LEGEND

GENERAL	
	EXISTING TREELINE
	EXISTING SIDEWALK
	EXISTING BUILDINGS
	EXISTING EDGE OF PAVEMENT
	EXISTING ROADWAY CENTER LINE
	EXISTING CURB & GUTTER
EASEMENTS & SETBACKS	
A.E.	ACCESS EASEMENT
B.M.P.	BEST MANAGEMENT PRACTICE EASEMENT
B.L.	BUILDING SETBACK
COMM. E.	COMMUNICATION EASEMENT
C.G.E.	CONSTRUCTION GRADING EASEMENT
F.P.E.	FLOOD PLAIN EASEMENT
L.S.	LANDSCAPE EASEMENT
G.E.	NATURAL GAS EASEMENT
P.L.E.	POWER\ELECTRIC LINE EASEMENT
P.S.	PARKING SETBACK
S.B.	STREAM BUFFER
S.D.E.	SURFACE DRAINAGE EASEMENT
S.E.	SANITARY SEWER EASEMENT
D.E.	STORM DRAINAGE EASEMENT
TEMP. ESMT.	TEMPORARY EASEMENT
U.E.	UTILITY EASEMENT
W.E.	WATER EASEMENT
F.Y.S	FRONT YARD SETBACK
R.Y.S.	REAR YARD SETBACK
S.Y.S.	SIDE YARD SETBACK
CONTOURS	
100	EXISTING INDEX CONTOURS
100	EXISTING INTERMEDIATE CONTOURS
BOUNDARIES	
	SECTION LINE
PL	EXISTING PROPERTY BOUNDARY
LL	EXISTING LOT LINE
R/W	EXISTING RIGHT-OF-WAY
UTILITIES	
	EXISTING COMMUNICATIONS LINE
	EXISTING NATURAL GAS LINE
	EXISTING POWER\ELECTRIC LINE
	EXISTING SANITARY SEWER
	EXISTING STORM SEWER
	EXISTING WATER LINE

SITEPOINT
A Division of NorthPoint Development
3315 N Oak Trafficway
Kansas City, MO 64116
816.888.7380
sitepoint@northpointkc.com

DATE:	NO.:	REVISIONS/APPROVALS:
2023.03.15		BUILDING PERMIT
2023.04.11	1	CITY COMMENTS
2023.04.28	2	REVISED PER CITY COMMENTS

REVIEWED BY: M.G.D
DESIGNED BY: N.W.H
DRAFTED BY: D.A.H
SP PROJECT #: 4024
NEIL W. HAAS, P.E. 2022034072

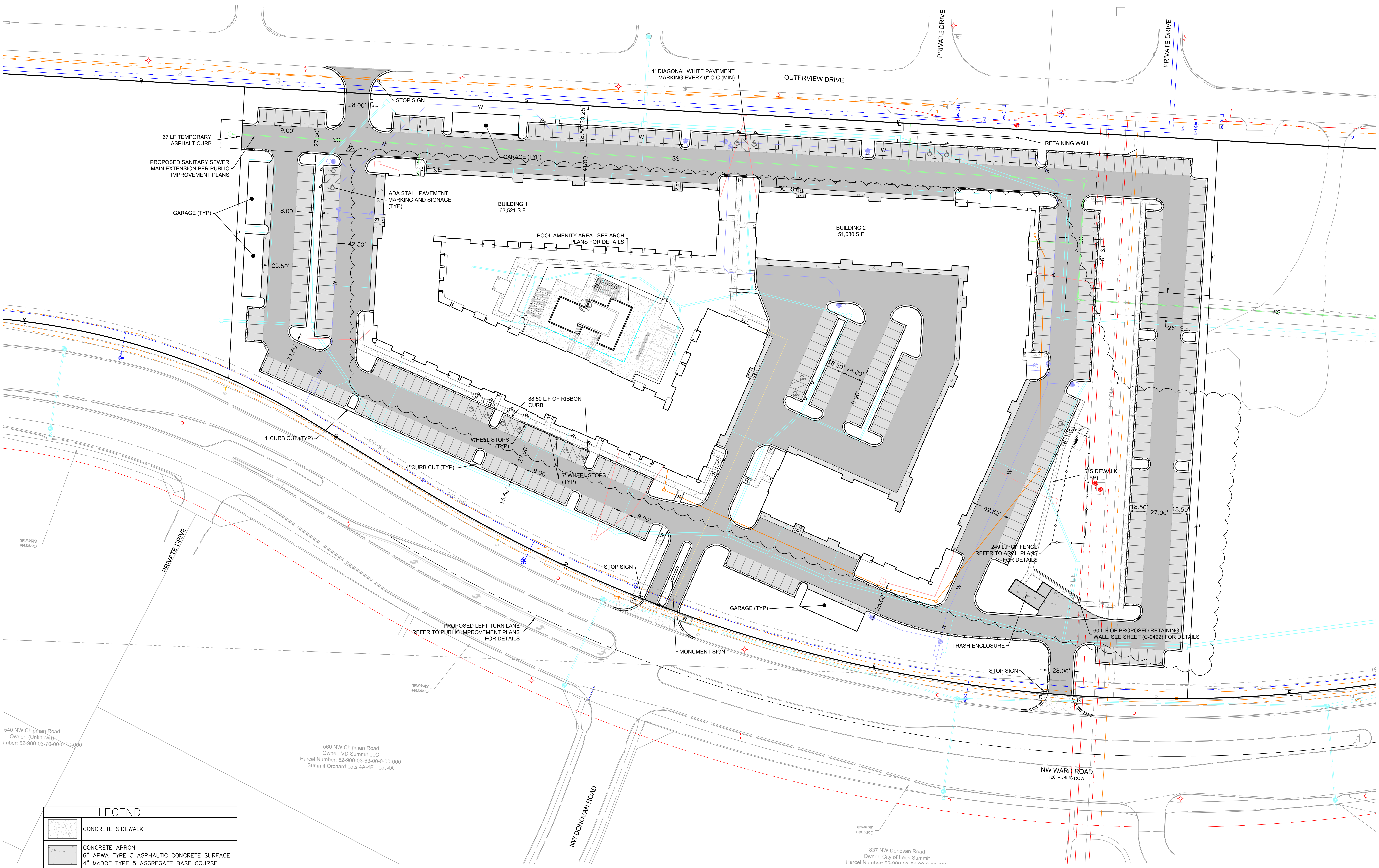
EXISTING CONDITIONS PLAN

TRILOGY
APARTMENT COMPLEX
CONSTRUCTION DOCUMENTS
LEE'S SUMMIT, JACKSON COUNTY, MO

NEIL W. HAAS
NUMBER PE-2022034072
Neil W. Haas 04/28/2023
Certificate of Authority #:MO 2020018354

SHEET #:
C-0100

S:\01 PROJECTS\MULTI-FAMILY\4024 SUMMIT SQUARE 3\PERMIT SET 90% CDS\PLANS\01_SITE PLANS\C-0100 EXISTING CONDITIONS PLAN.DWG



LEGEND

▨	CONCRETE SIDEWALK
▨	CONCRETE APRON 6" APWA TYPE 3 ASPHALTIC CONCRETE SURFACE 4" MoDOT TYPE 5 AGGREGATE BASE COURSE
▨	LIGHT DUTY ASPHALT PAVEMENT 2" APWA TYPE 3 ASPHALTIC CONCRETE SURFACE 4" APWA TYPE 1 ASPHALTIC BASE COURSE 6" MoDOT TYPE 5 AGGREGATE BASE COURSE
▨	HEAVY DUTY ASPHALT PAVEMENT 2" APWA TYPE 3 ASPHALTIC CONCRETE SURFACE 6" APWA TYPE 1 ASPHALTIC CONCRETE BASE 6" MODOT TYPE 5 AGGREGATE BASE COURSE
▨	HEAVY DUTY CONCRETE PAVEMENT 8" PORTLAND CEMENT CONCRETE 6" MODOT TYPE 5 AGGREGATE BASE COURSE
╗	CG-1 CURB & GUTTER (See Detail Sheet)
╮	RIBBON CURB (See Detail Sheet)
▨	MODIFIED CG-1 CURB & GUTTER

NOTE: AGGREGATE BASE AND COMPACTED SUBGRADE SHALL EXTEND 1' BEYOND THE BACK OF CURB

SITE DATA

Lot No.	Total Area	Impervious Coverage	Maximum Building Height	Building Area (All stories)	Floor Area Ratio (FAR)/Density	Proposed Building Use	Parking		
							Requirement		Proposed
10B	11.83 AC. (515,315 S.F.)	351,720 S.F. (68%)	65', 4 Stories	470,000 S.F. (Building 1, 255,000 S.F. Building 2, 215,000 S.F.)	27 DU/Acre	Multifamily Residential	1.75 per DU	565	579

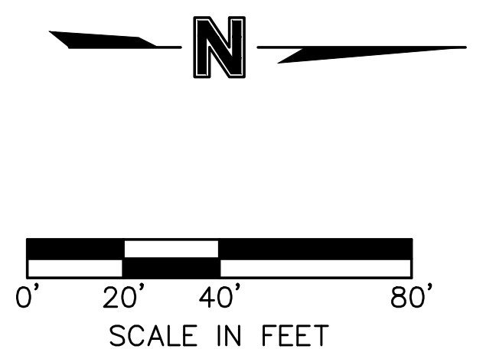
Lot 10B - PARKING TYPES	
Garage Spaces	48
Surface Stalls	406
Under Ground Parking	125
Total	**579**

UNIT MATRIX

BUILDING 1	# UNITS	# BEDS
STUDIO	13	13
1 BED	88	88
2 BED	77	154
GUEST	1	1
TOTAL	**179**	**256**

BUILDING 2	# UNITS	# BEDS
STUDIO	7	7
1 BED	69	69
2 BED	69	138
TOTAL	**145**	**214**

SITE TOTAL	# UNITS	# BEDS
STUDIO	20	20
1 BED	157	157
2 BED	146	292
GUEST	1	1
TOTAL	**323**	**469**
GUEST STALLS		



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NO.:	REVISIONS/APPROVALS:	DATE:
	BUILDING PERMIT	2023.03.15
1	CITY COMMENTS	2023.04.11
2	REVISED PER CITY COMMENTS	2023.04.28

REVIEWED BY: M.G.D
DESIGNED BY: N.W.H
DRAFTED BY: D.A.H
SP PROJECT #: 4024
NEIL W. HAAS, P.E.
2022034072

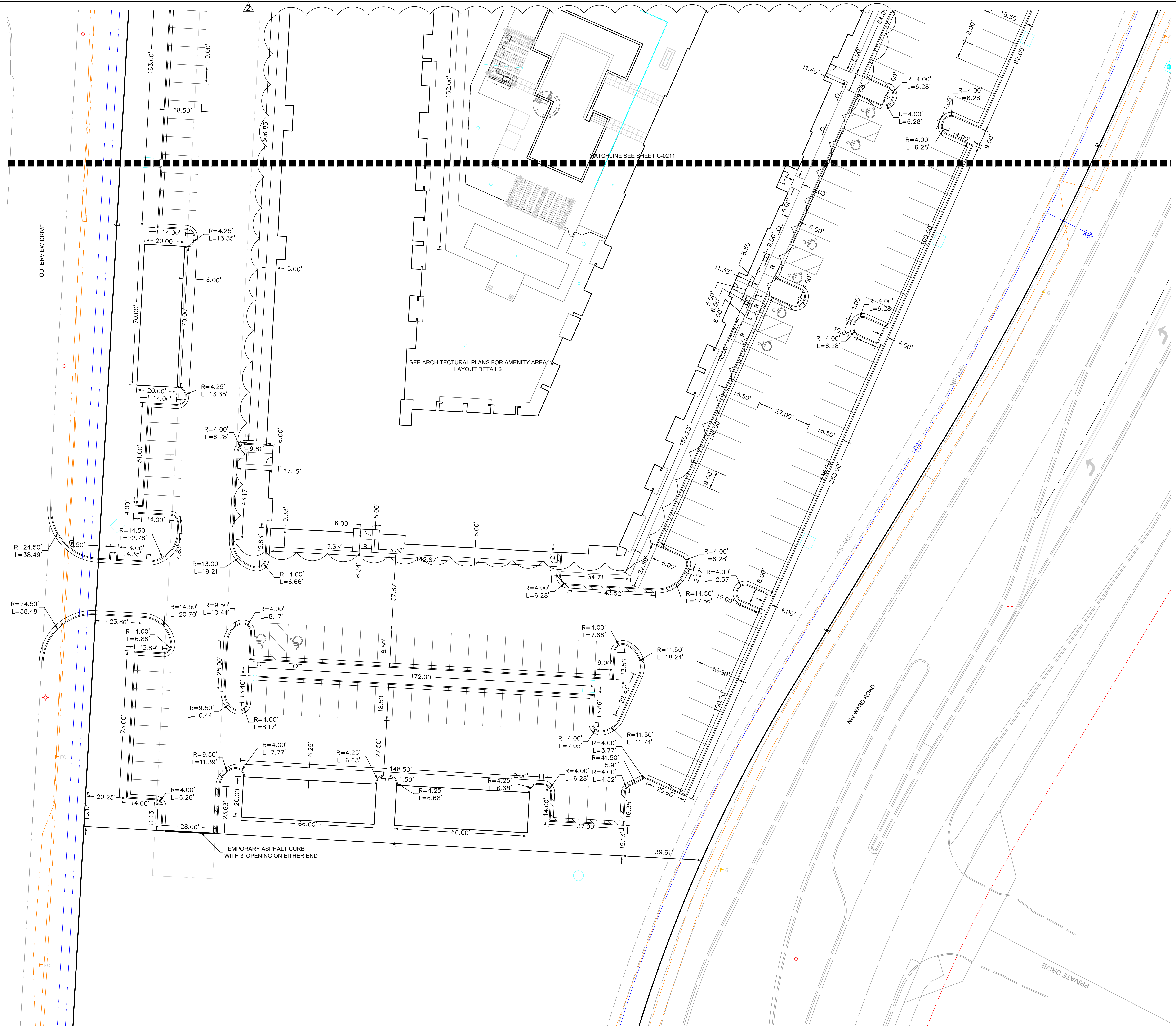
SITE PLAN

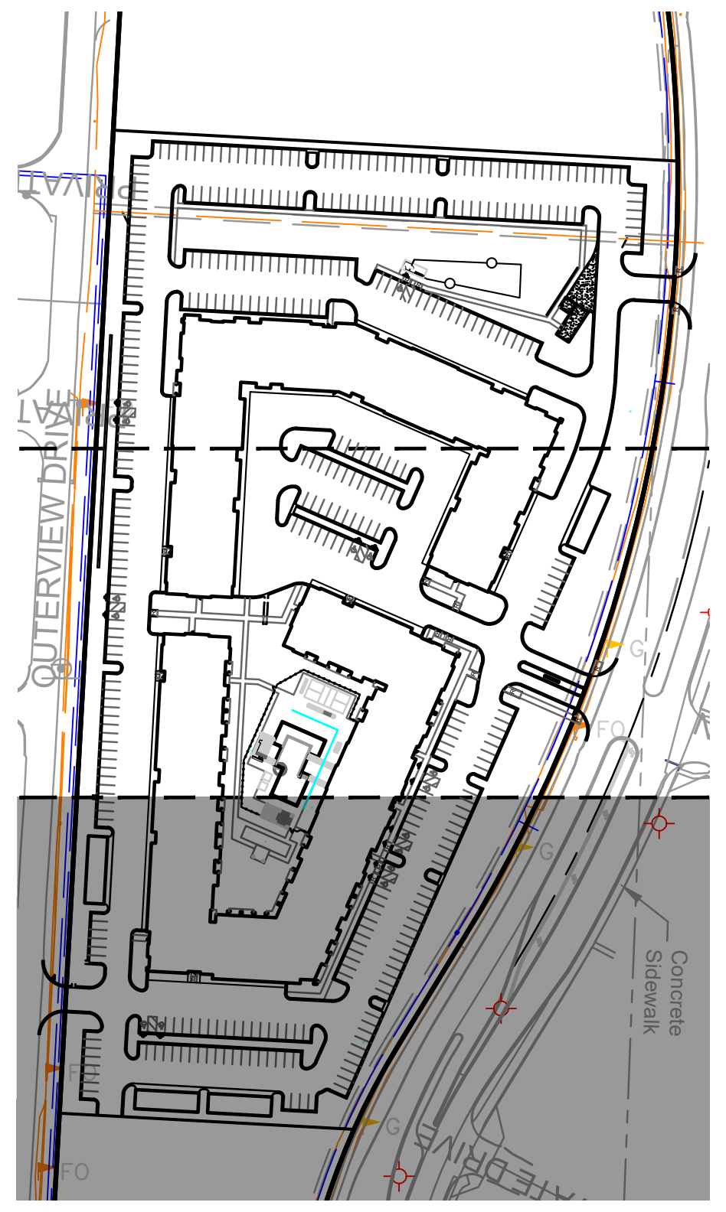
TRILOGY
APARTMENT COMPLEX
CONSTRUCTION DOCUMENTS
LEE'S SUMMIT, JACKSON COUNTY, MO

NEIL W. HAAS
NUMBER
PE-2022034072
Neil W. Haas 04/28/2023
Certificate of Authority #:MO 2020018354

SHEET #:
C-0200

S:\01 PROJECTS\MULTI-FAMILY\4024 SUMMIT SQUARE 3\PERMIT SET 90% CDS\PLANS\01_SITE PLANS\C-0200 SITE PLAN.DWG

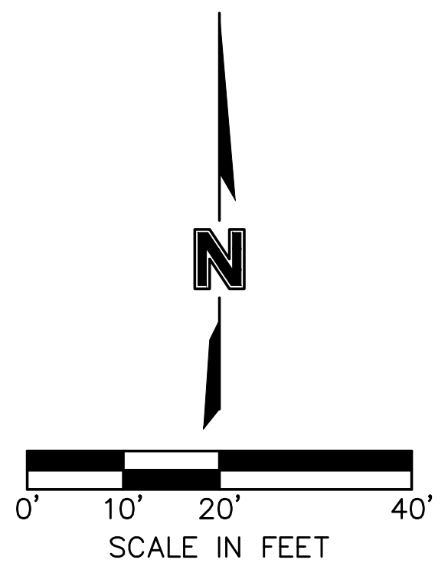




KEY MAP
SCALE 1:200

NOTES

*ALL DIMENSIONS ARE TO BACK OF CURB



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REVIEWED BY:	DATE:	NO.:	REVISIONS/APPROVALS:
M.G.D	2023.03.15		BUILDING PERMIT
DESIGNED BY: N.W.H	2023.04.11	1	CITY COMMENTS
DRAFTED BY: D.A.H	2023.04.28	2	REVISED PER CITY COMMENTS
SP PROJECT #: 4024			
NEIL W. HAAS, P.E. 2022034072			

DIMENSION PLAN

TRILOGY
APARTMENT COMPLEX
CONSTRUCTION DOCUMENTS
LEE'S SUMMIT, JACKSON COUNTY, MO

NEIL W. HAAS
NUMBER
PE-2022034072
Neil W. Haas 04/28/2023
Certificate of Authority #MO 2020018354

SHEET #:

C-0210

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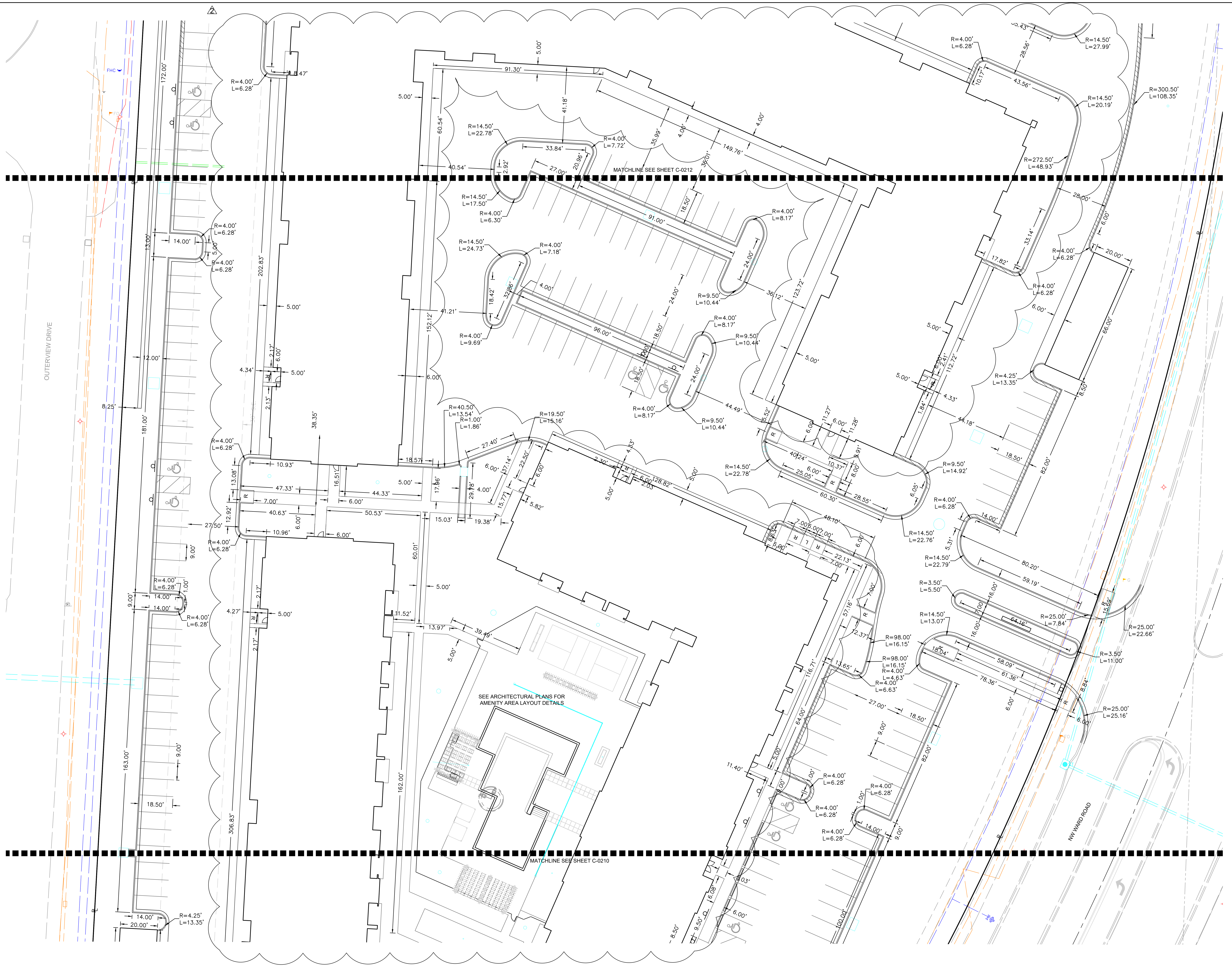

NOTES

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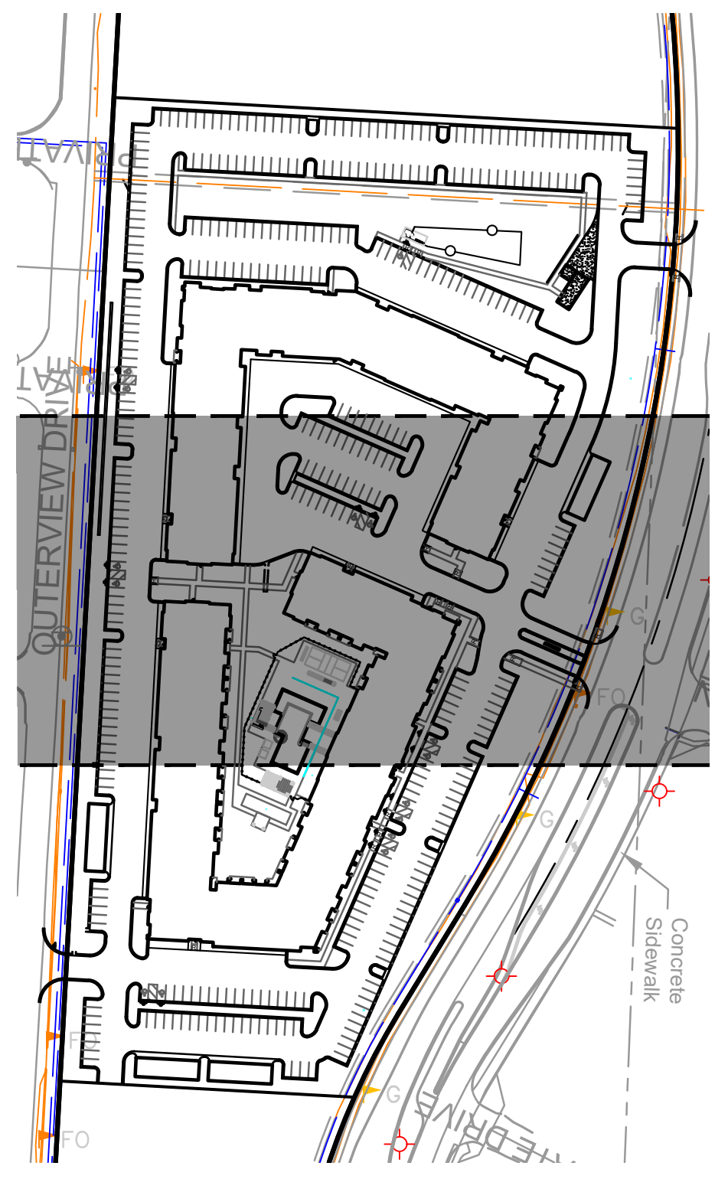
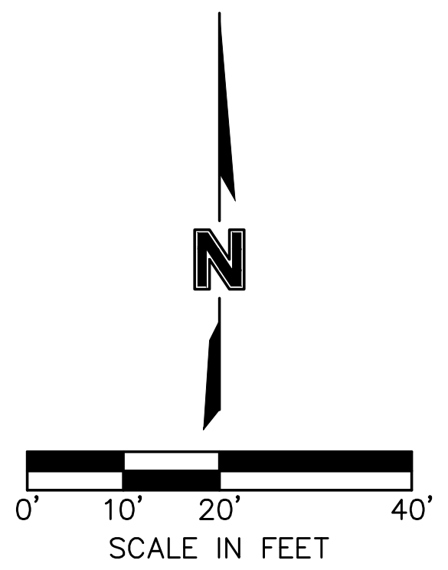


KEY MAP
SCALE 1:200



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DESIGNED BY: N.W.H	2023.04.11	1	CITY COMMENTS
DRAFTED BY: D.A.H	2023.04.28	2	REVISED PER CITY COMMENTS
SP PROJECT #: 4024			
NEIL W. HAAS, P.E. 2022034072			

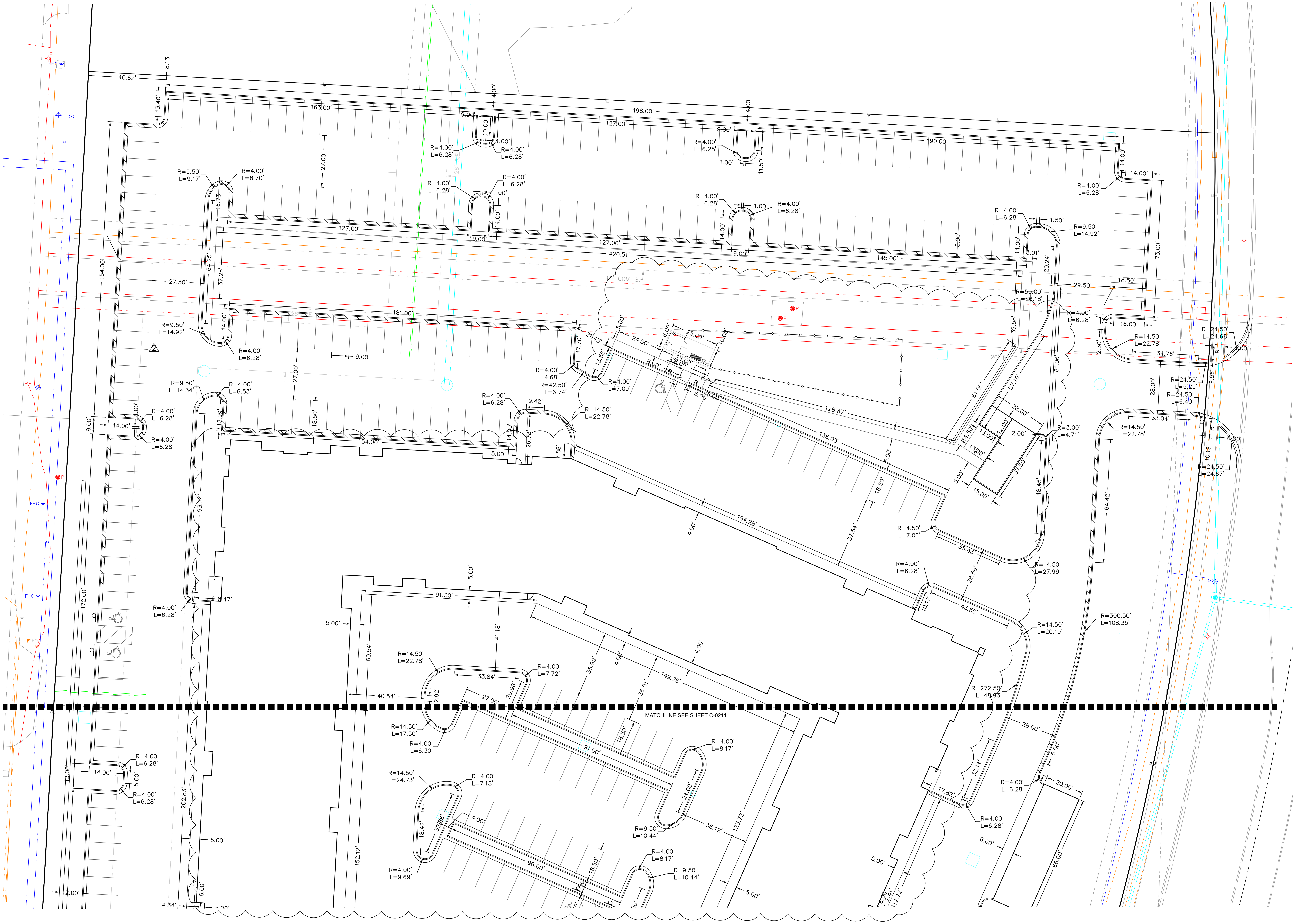
DIMENSION PLAN

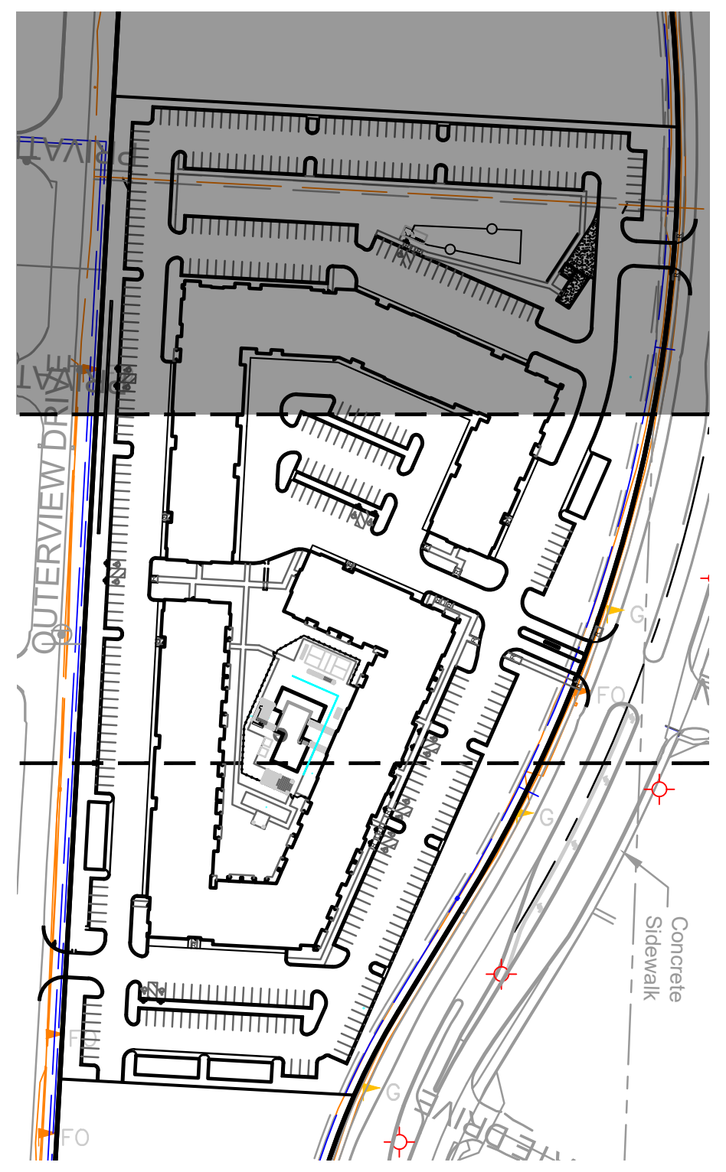
TRILOGY
APARTMENT COMPLEX
CONSTRUCTION DOCUMENTS
LEE'S SUMMIT, JACKSON COUNTY, MO

NEIL W. HAAS
NUMBER
PE-2022034072
Neil W. Haas 04/28/2023
Certificate of Authority #:MO 2020018354

SHEET #:

C-0211

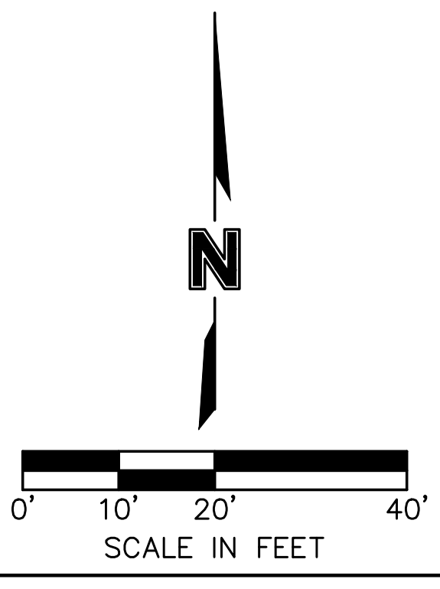




KEY MAP
SCALE 1:200

NOTES

*ALL DIMENSIONS ARE TO BACK OF CURB



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REVIEWED BY: M.G.D	DATE:	NO.:	REVISIONS/APPROVALS:
DESIGNED BY: N.W.H	2023.03.15		BUILDING PERMIT
DRAFTED BY: D.A.H	2023.04.11	1	CITY COMMENTS
SP PROJECT #: 4024	2023.04.28	2	REVISED PER CITY COMMENTS
NEIL W. HAAS, P.E. 2022034072			

DIMENSION PLAN

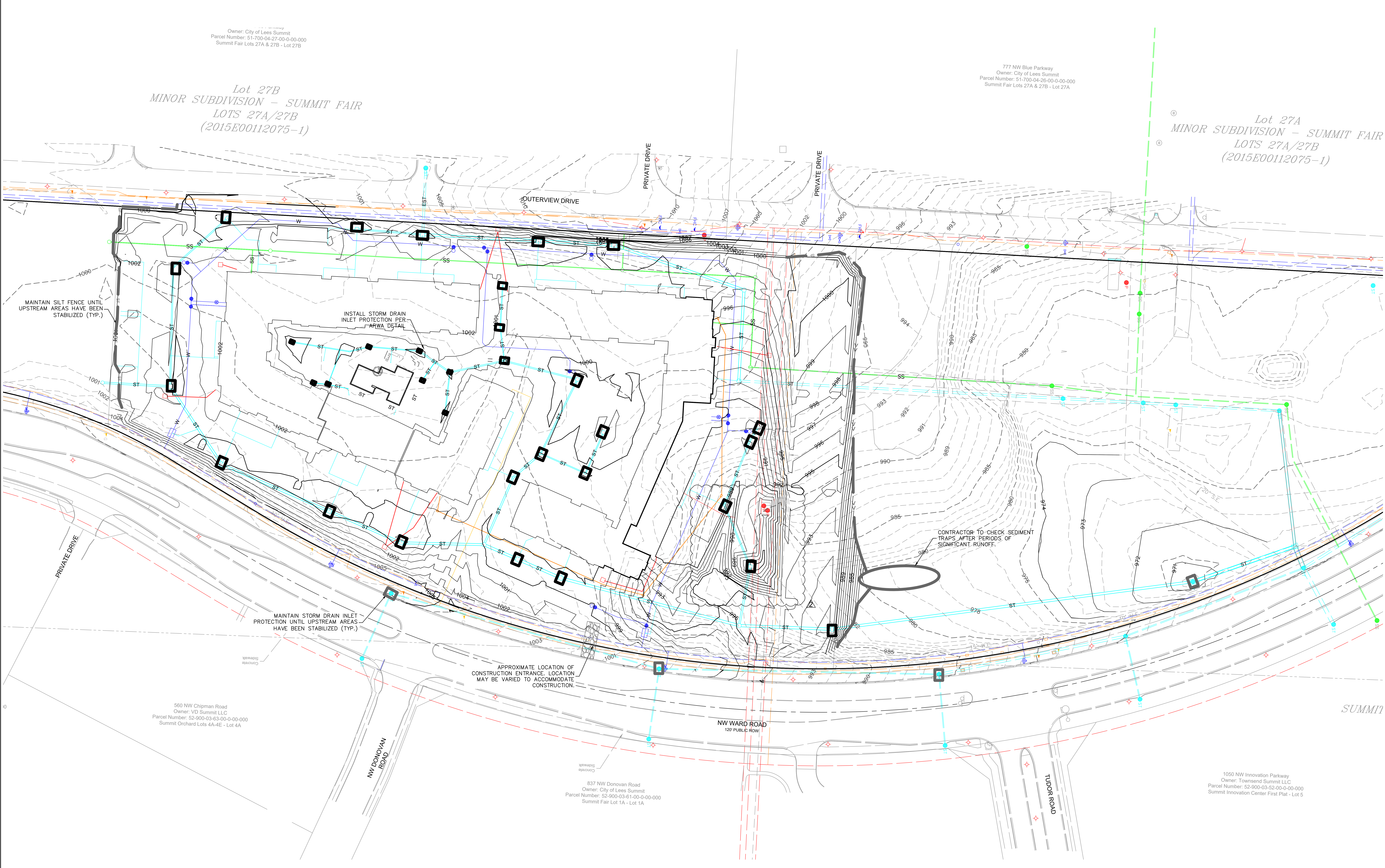
TRILOGY
APARTMENT COMPLEX
CONSTRUCTION DOCUMENTS
LEE'S SUMMIT, JACKSON COUNTY, MO

NEIL W. HAAS
NUMBER
PE-2022034072
Neil W. Haas 04/28/2023
Certificate of Authority #:MO 2020018354

SHEET #:

C-0212

S:\01 PROJECTS\MULTI-FAMILY\4024 SUMMIT SQUARE 3\PERMIT SET 90% CDS\PLANS\01_SITE PLANS\C-0210 DIMENSION PLAN.DWG


777 NW Blue Parkway
Owner: City of Lees Summit
Parcel Number: 51-700-04-27-00-0-00-000
Summit Fair Lots 27A & 27B - Lot 27B
Lot 27B
MINOR SUBDIVISION – SUMMIT FAIR
LOTS 27A/27B
(2015E00112075–1)
777 NW Blue Parkway
Owner: City of Lees Summit
Parcel Number: 51-700-04-26-00-0-00-000
Summit Fair Lots 27A & 27B - Lot 27A
Lot 27A
MINOR SUBDIVISION – SUMMIT FAIR
LOTS 27A/27B
(2015E00112075–1)
OUTERVIEW DRIVE
PRIVATE DRIVE
PRIVATE DRIVE
PRIVATE DRIVE
NW WARD ROAD
120' PUBLIC ROW
NW DONOVAN ROAD
TUDOR ROAD
SUMMIT
Concrete Sidewalk
Concrete Sidewalk
560 NW Chipman Road
Owner: VD Summit LLC
Parcel Number: 52-900-03-63-00-0-00-000
Summit Orchard Lots 4A-4E - Lot 4A
837 NW Donovan Road
Owner: City of Lees Summit
Parcel Number: 52-900-03-61-00-0-00-000
Summit Fair Lot 1A - Lot 1A
1050 NW Innovation Parkway
Owner: Townsend Summit LLC
Parcel Number: 52-900-03-52-00-0-00-000
Summit Innovation Center First Plat - Lot 5
ST
SS
W
EST
1000
1002
1004
1001
1003
1005
998
996
995
994
993
992
991
990
989
988
985
980
978
975
974
973
972
971
20' S.E.

MAINTAIN SILT FENCE UNTIL UPSTREAM AREAS HAVE BEEN STABILIZED (TYP.)

INSTALL STORM DRAIN INLET PROTECTION PER APWA DETAIL

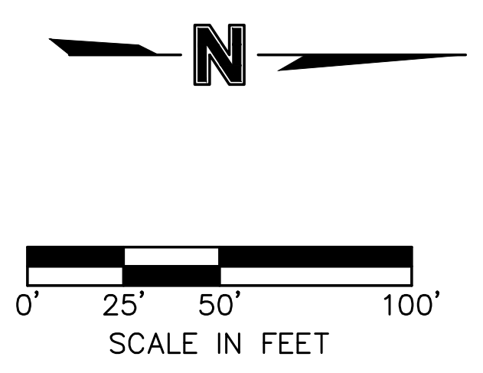
MAINTAIN STORM DRAIN INLET PROTECTION UNTIL UPSTREAM AREAS HAVE BEEN STABILIZED (TYP.)

APPROXIMATE LOCATION OF CONSTRUCTION ENTRANCE. LOCATION MAY BE VARIED TO ACCOMMODATE CONSTRUCTION.

CONTRACTOR TO CHECK SEDIMENT TRAPS AFTER PERIODS OF SIGNIFICANT RUNOFF.

LEGEND

PHASE 1	PHASE 2	
━━	━━	SILT FENCE
▭━	▭━	STORM DRAIN INLET PROTECTION
▨	▨	TEMPORARY STONE CONSTRUCTION ENTRANCE
▨	▨	LANDSCAPE AREA. SEE LANDSCAPE PLANS
━ << ━	━ << ━	TEMPORARY DIVERSION BERM



SITEPOINT
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DATE:	NO.:	REVISIONS/APPROVALS:
2023.03.15		BUILDING PERMIT
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REVIEWED BY: M.G.D
DESIGNED BY: N.W.H
DRAFTED BY: D.A.H
SP PROJECT #: 4024
NEIL W. HAAS, P.E.
2022034072

EROSION CONTROL PLAN - PHASE 2

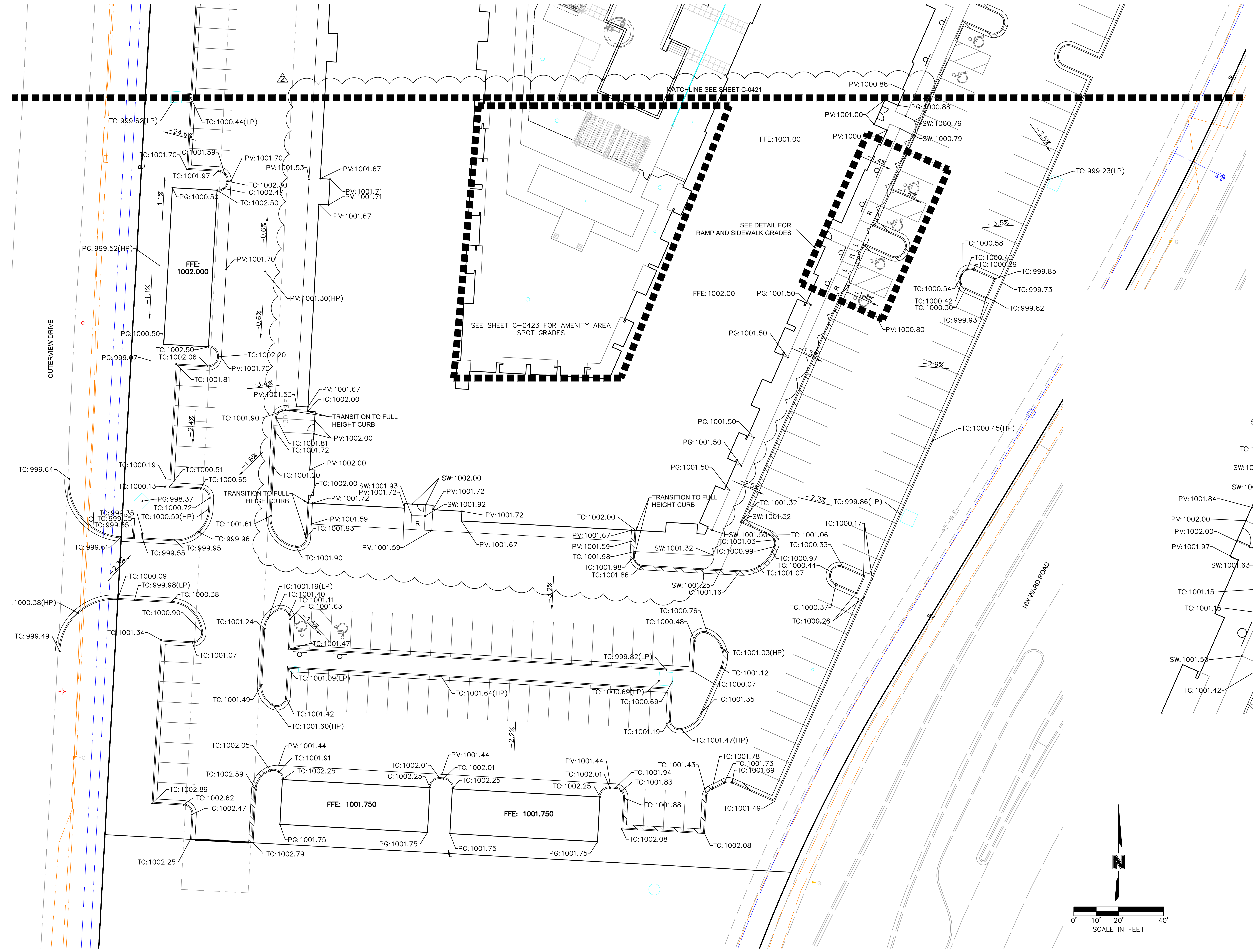
TRILOGY
APARTMENT COMPLEX
CONSTRUCTION DOCUMENTS
LEE'S SUMMIT, JACKSON COUNTY, MO

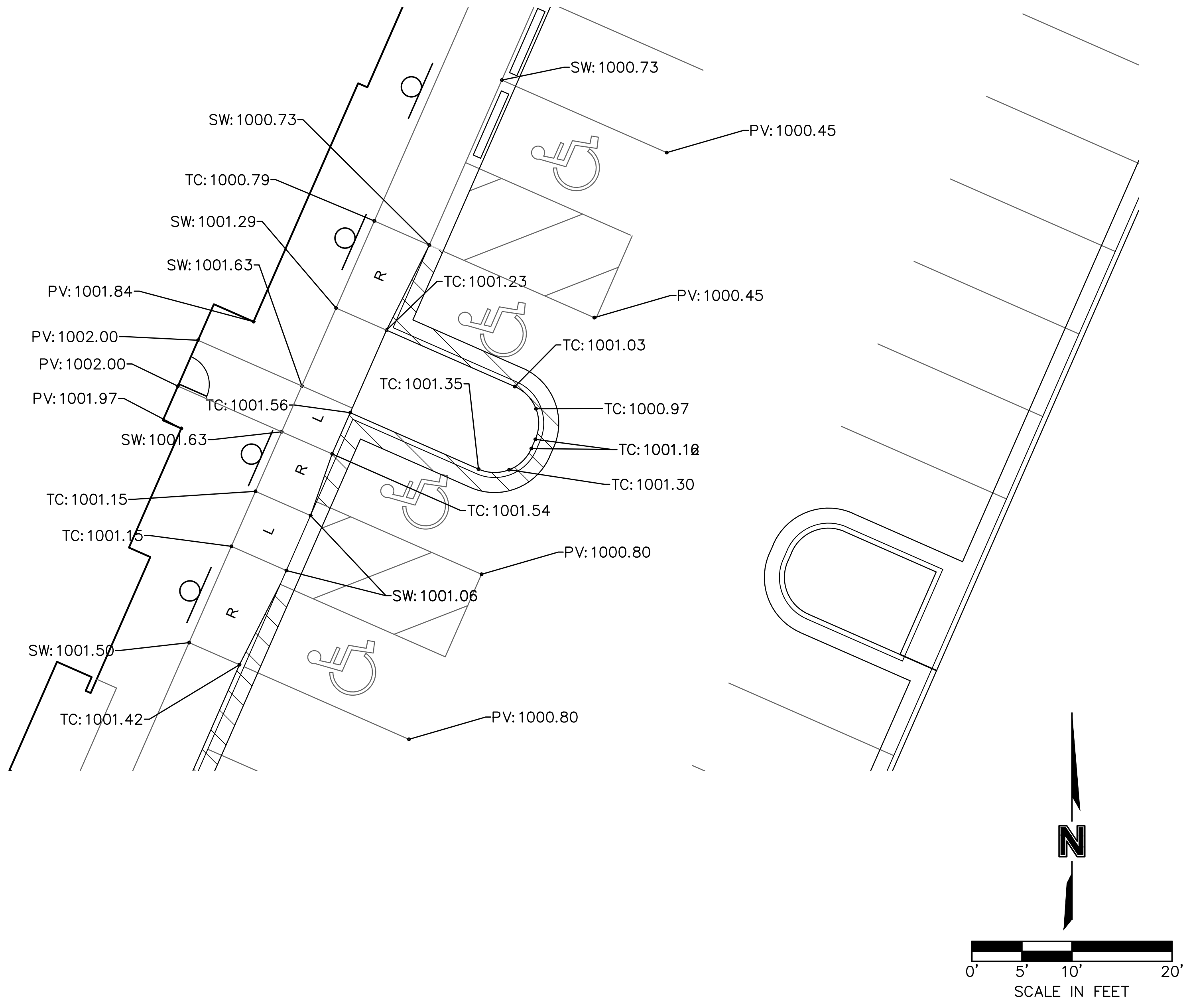
NEIL W. HAAS
NUMBER
PE-2022034072
Neil W. Haas 04/28/2023
Certificate of Authority #:MO 2020018354

SHEET #:

C-0310

S:\01 PROJECTS\MULTI-FAMILY\4024 SUMMIT SQUARE 3\PERMIT SET 90% CDS\PLANS\01_SITE PLANS\C-0310 EROSION CONTROL PHASE 2.DWG





KEY MAP
SCALE 1:200

SITEPOINT
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sitepoint@northpointkc.com
3315 N Oak Trafficway
Kansas City, MO 64116

DATE:	NO.:	REVISIONS/APPROVALS:
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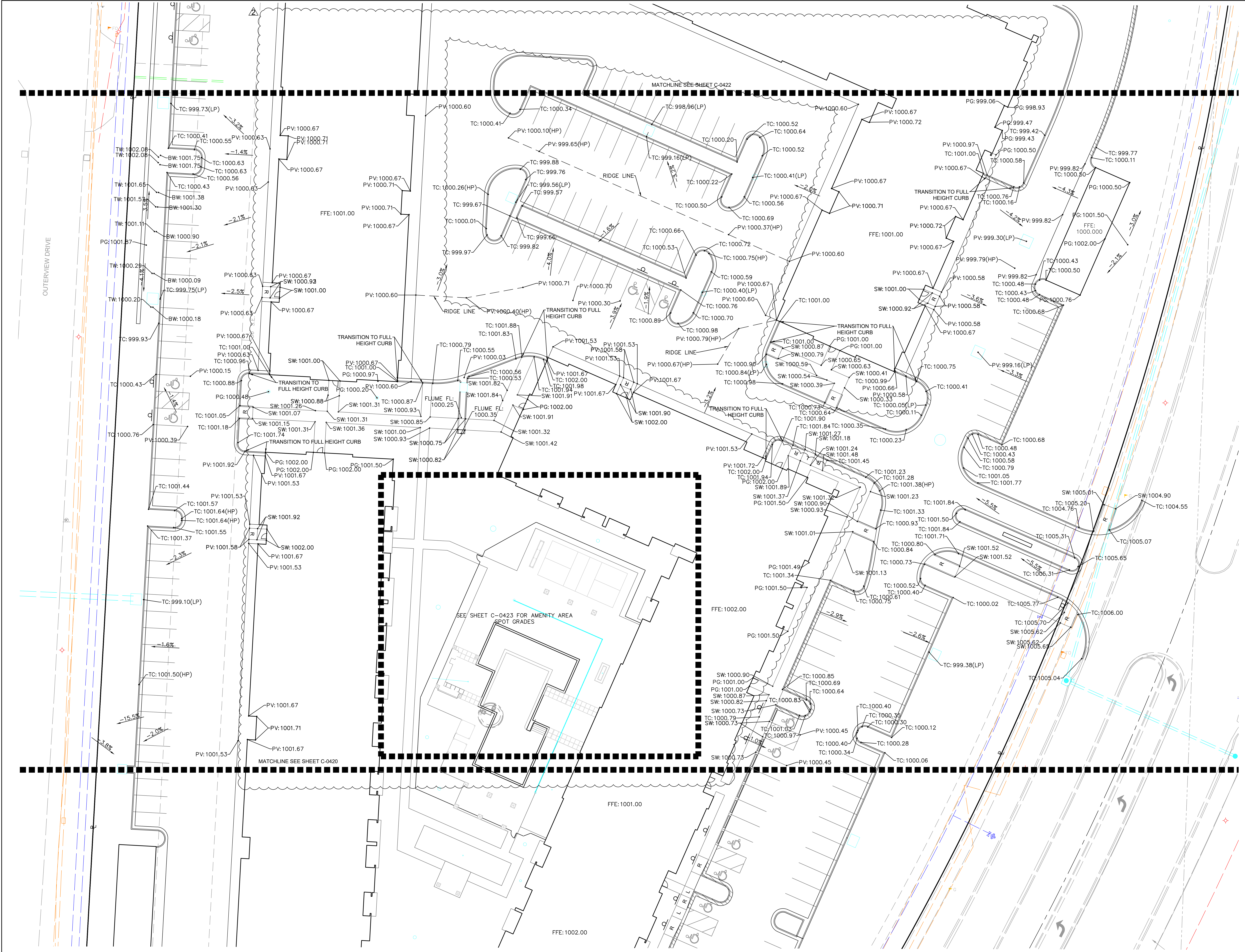
REVIEWED BY: M.G.D
DESIGNED BY: N.W.H
DRAFTED BY: D.A.H
SP PROJECT #: 4024
NEIL W. HAAS, P.E.
2022034072

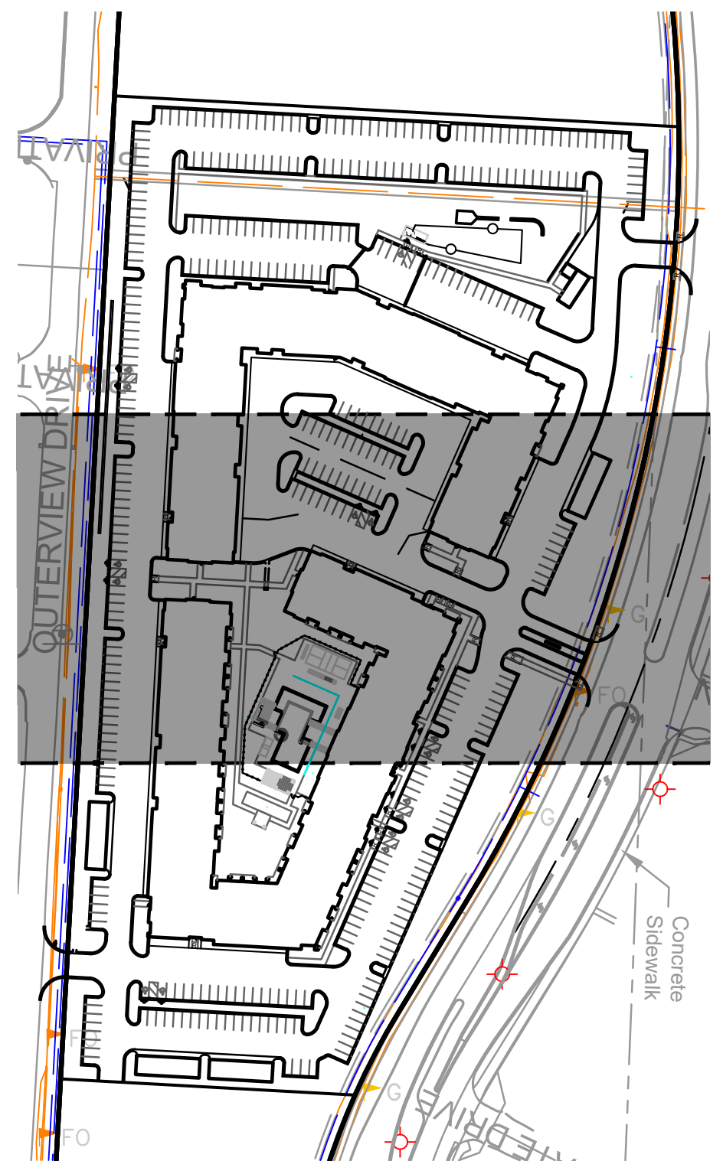
SPOT ELEVATION PLAN

TRILOGY
APARTMENT COMPLEX
CONSTRUCTION DOCUMENTS
LEE'S SUMMIT, JACKSON COUNTY, MO

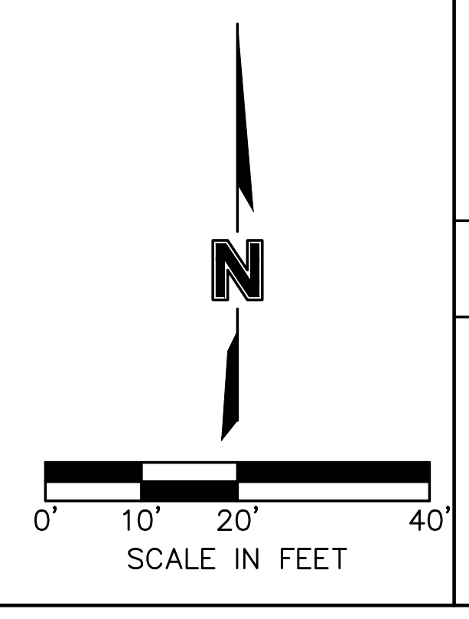
NEIL W. HAAS
NUMBER
PE-2022034072
Certificate of Authority # MO 2020018354

SHEET #:
C-0420





KEY MAP
SCALE 1:200



SITEPOINT
A Division of NorthPoint Development
3315 N Oak Trafficway
Kansas City, MO 64116
816.888.7380
sitepoint@northpointkc.com

DATE:	NO.:	REVISIONS/APPROVALS:
2023.03.15		BUILDING PERMIT
2023.04.11	1	CITY COMMENTS
2023.04.28	2	REVISED PER CITY COMMENTS

REVIEWED BY: M.G.D
DESIGNED BY: N.W.H
DRAFTED BY: D.A.H
SP PROJECT #: 4024
NEIL W. HAAS, P.E.
2022034072

SPOT ELEVATION PLAN

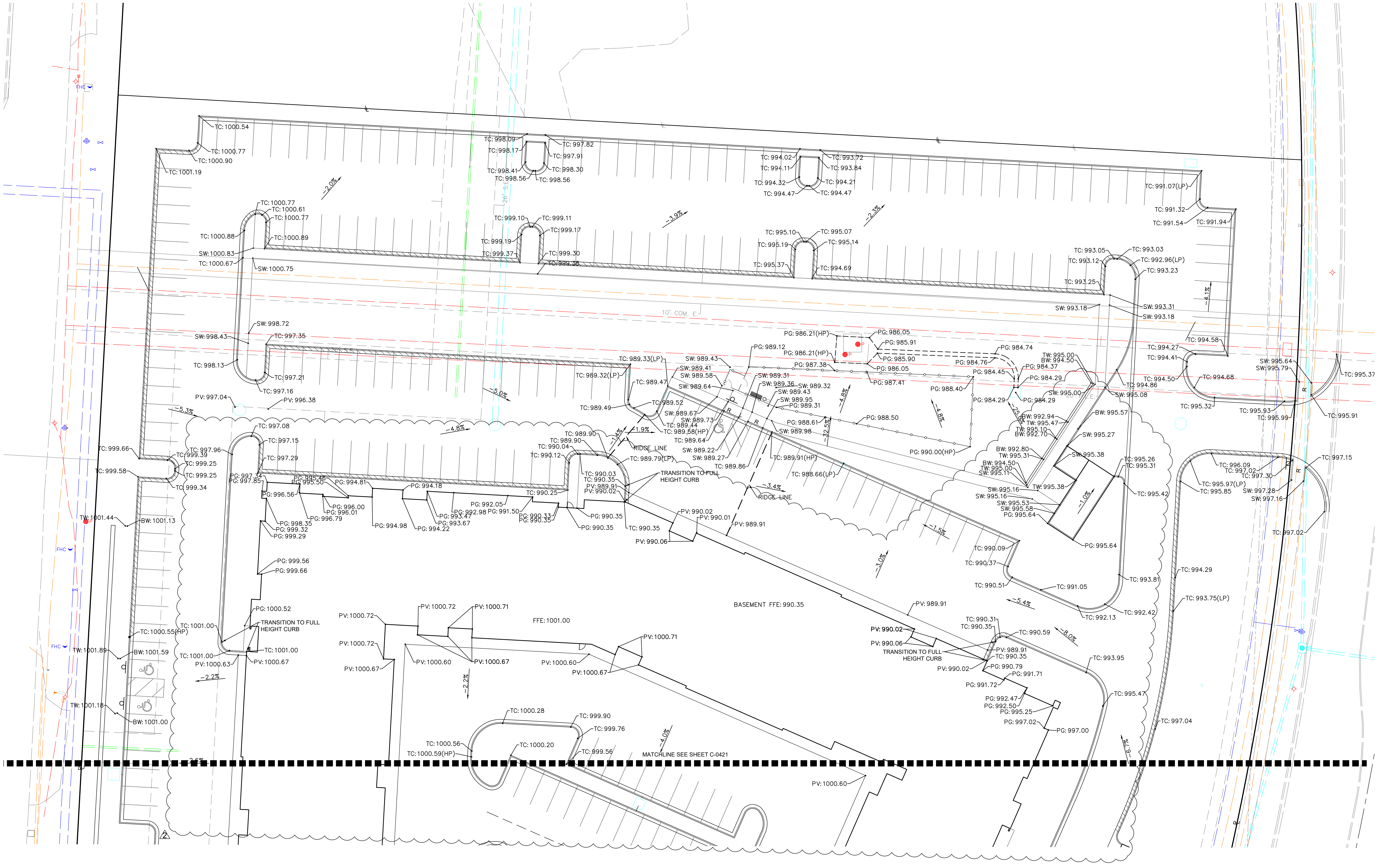
TRILOGY
APARTMENT COMPLEX
CONSTRUCTION DOCUMENTS
LEE'S SUMMIT, JACKSON COUNTY, MO

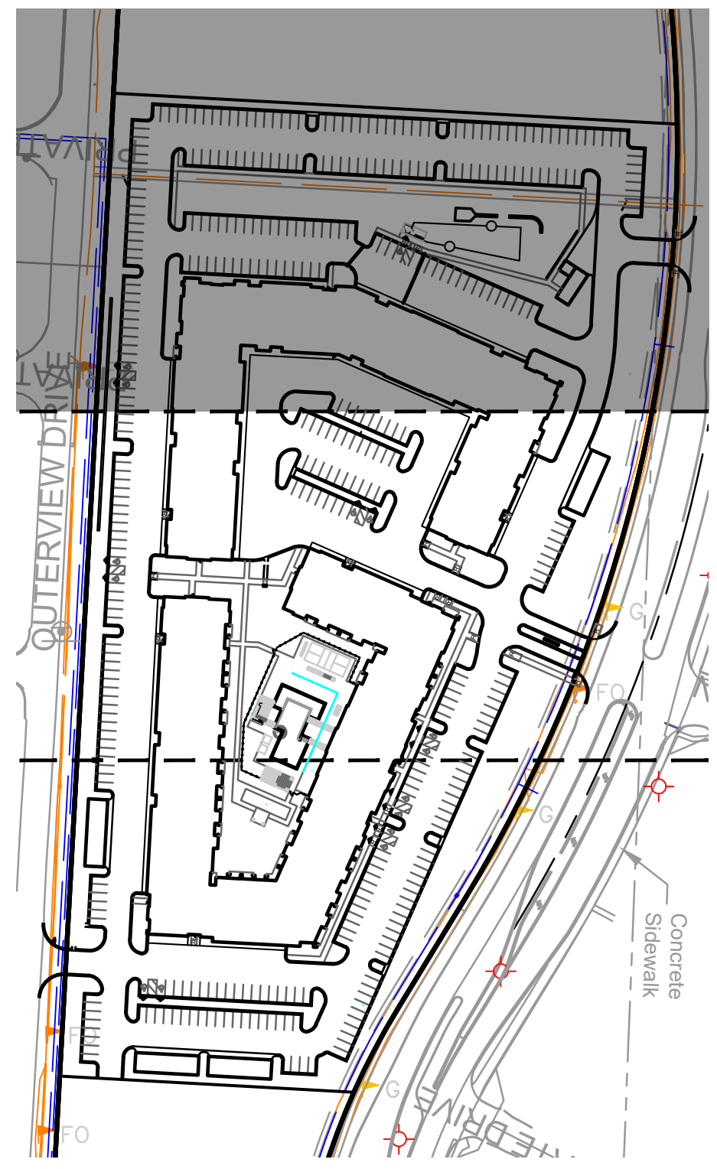
NEIL W. HAAS
NUMBER
PE-2022034072
Neil W. Haas 04/28/2023
Certificate of Authority #:MO 2020018354

SHEET #:

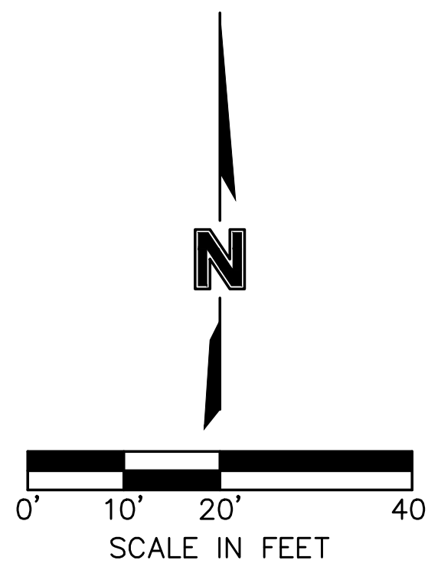
C-0421

S:\01 PROJECTS\MULTI-FAMILY\4024 SUMMIT SQUARE 3\PERMIT SET 90% CDS\PLANS\01_SITE PLANS\C-0420 SPOT ELEVATION PLAN.DWG





KEY MAP
SCALE 1:200



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M.G.D
DESIGNED BY:
N.W.H
DRAFTED BY:
D.A.H
SP PROJECT #:
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NEIL W. HAAS, P.E.
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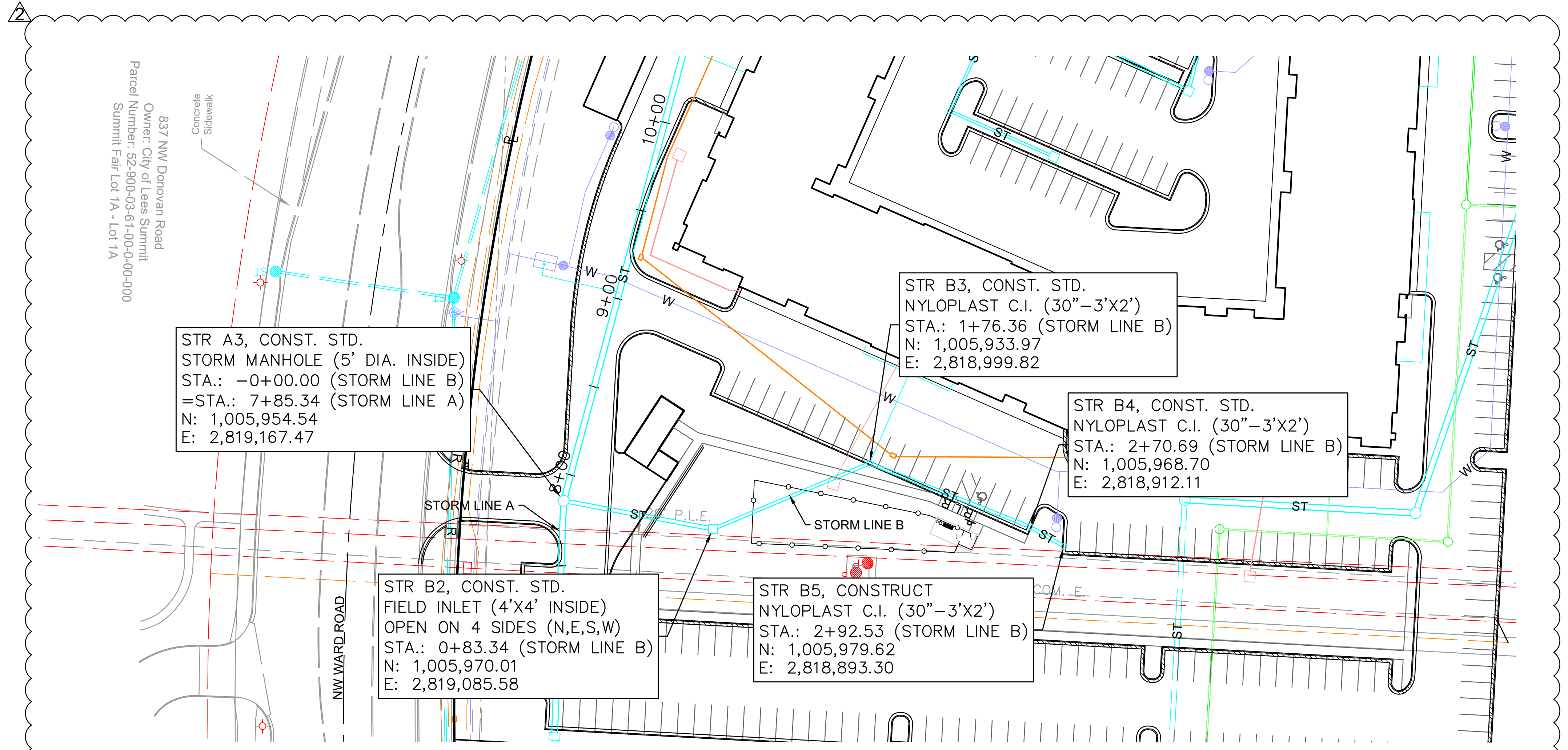
SPOT ELEVATION PLAN

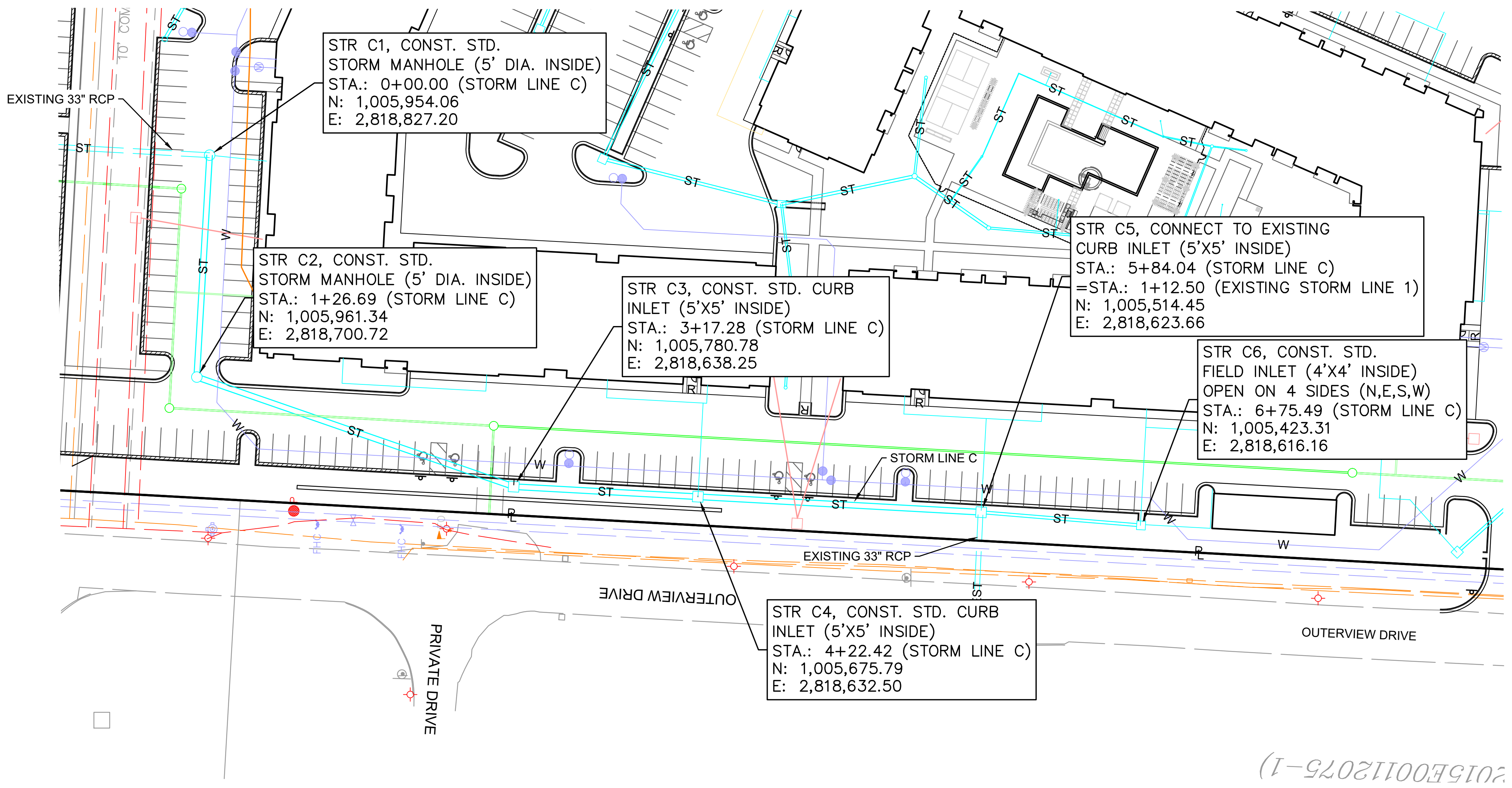
TRILOGY
APARTMENT COMPLEX
CONSTRUCTION DOCUMENTS
LEE'S SUMMIT, JACKSON COUNTY, MO

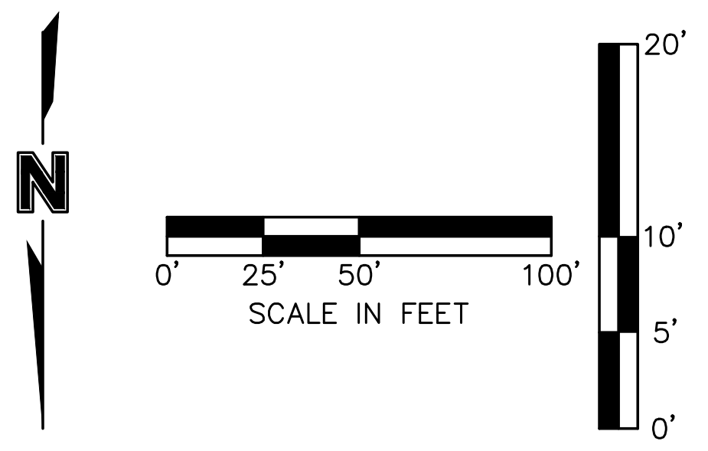
NEIL W. HAAS
NUMBER
PE-2022034072
Neil W. Haas 04/28/2023
Certificate of Authority # MO 2020018354

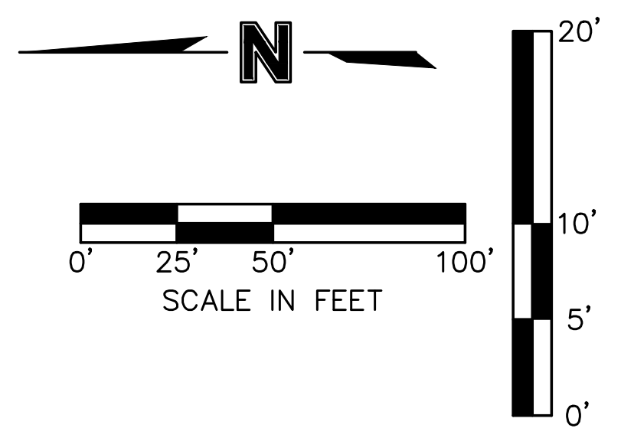
SHEET #:
C-0422

S:\01 PROJECTS\MULTI-FAMILY\4024 SUMMIT SQUARE 3\PERMIT SET 80% CDS\PLANS\01_SITE PLANS\C-0420 SPOT ELEVATION PLAN.DWG


837 NW Donovan Road
Owner: City of Lees Summit
Parcel Number: 52-900-03-61-00-0-00-000
Summit Fair Lot 1A - Lot 1A
Concrete Sidewalk
STR A3, CONST. STD.
STORM MANHOLE (5' DIA. INSIDE)
STA.: −0+00.00 (STORM LINE B)
=STA.: 7+85.34 (STORM LINE A)
N: 1,005,954.54
E: 2,819,167.47
STR B3, CONST. STD.
NYLOPLAST C.I. (30"–3'X2')
STA.: 1+76.36 (STORM LINE B)
N: 1,005,933.97
E: 2,818,999.82
STR B4, CONST. STD.
NYLOPLAST C.I. (30"–3'X2')
STA.: 2+70.69 (STORM LINE B)
N: 1,005,968.70
E: 2,818,912.11
STORM LINE A
STORM LINE B
STR B2, CONST. STD.
FIELD INLET (4'X4' INSIDE)
OPEN ON 4 SIDES (N,E,S,W)
STA.: 0+83.34 (STORM LINE B)
N: 1,005,970.01
E: 2,819,085.58
STR B5, CONSTRUCT
NYLOPLAST C.I. (30"–3'X2')
STA.: 2+92.53 (STORM LINE B)
N: 1,005,979.62
E: 2,818,893.30
NW WARD ROAD
9+00
10+00
8+00
W
ST
P.L.E.
COM. E.

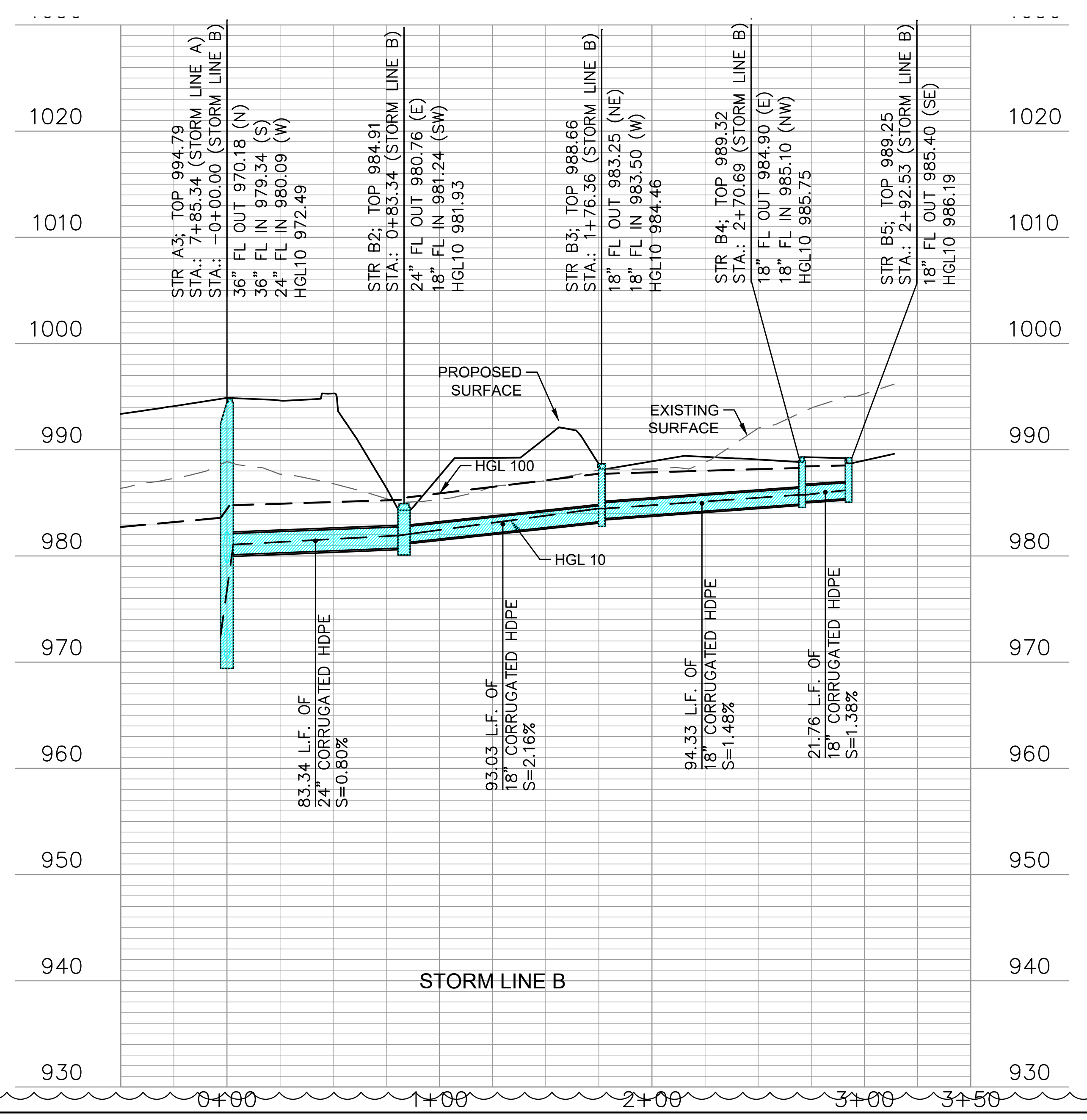


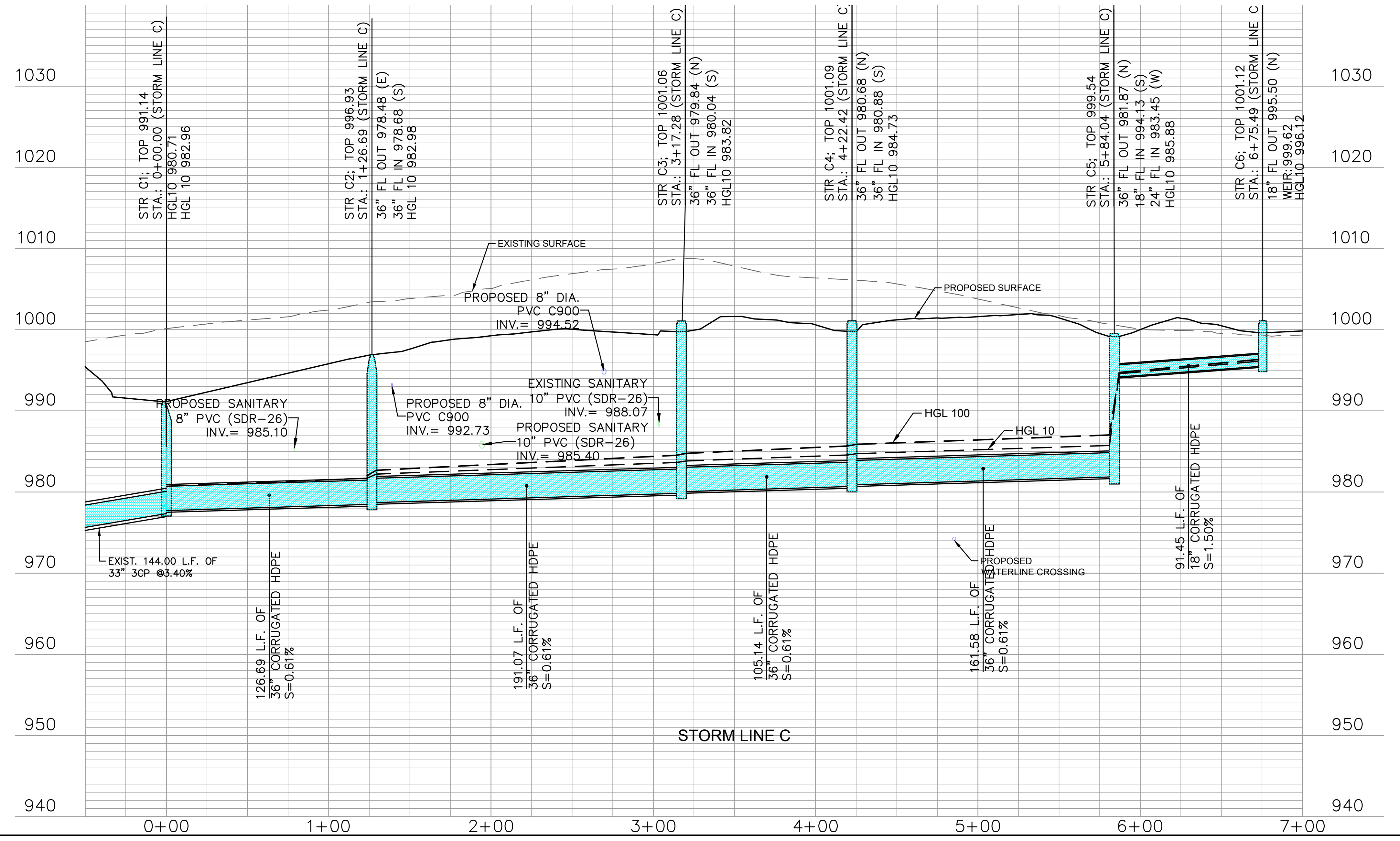




*NOTE:
COMPACTED FILL SHALL BE PLACED TO A MINIMUM 18" ABOVE THE TOP OF PIPE AFTER INSTALLATION IN HATCHED AREAS.

ALL STORM LINES ARE PRIVATE UNLESS OTHERWISE NOTED.





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D.A.H
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4024
NEIL W. HAAS, P.E.
2022034072

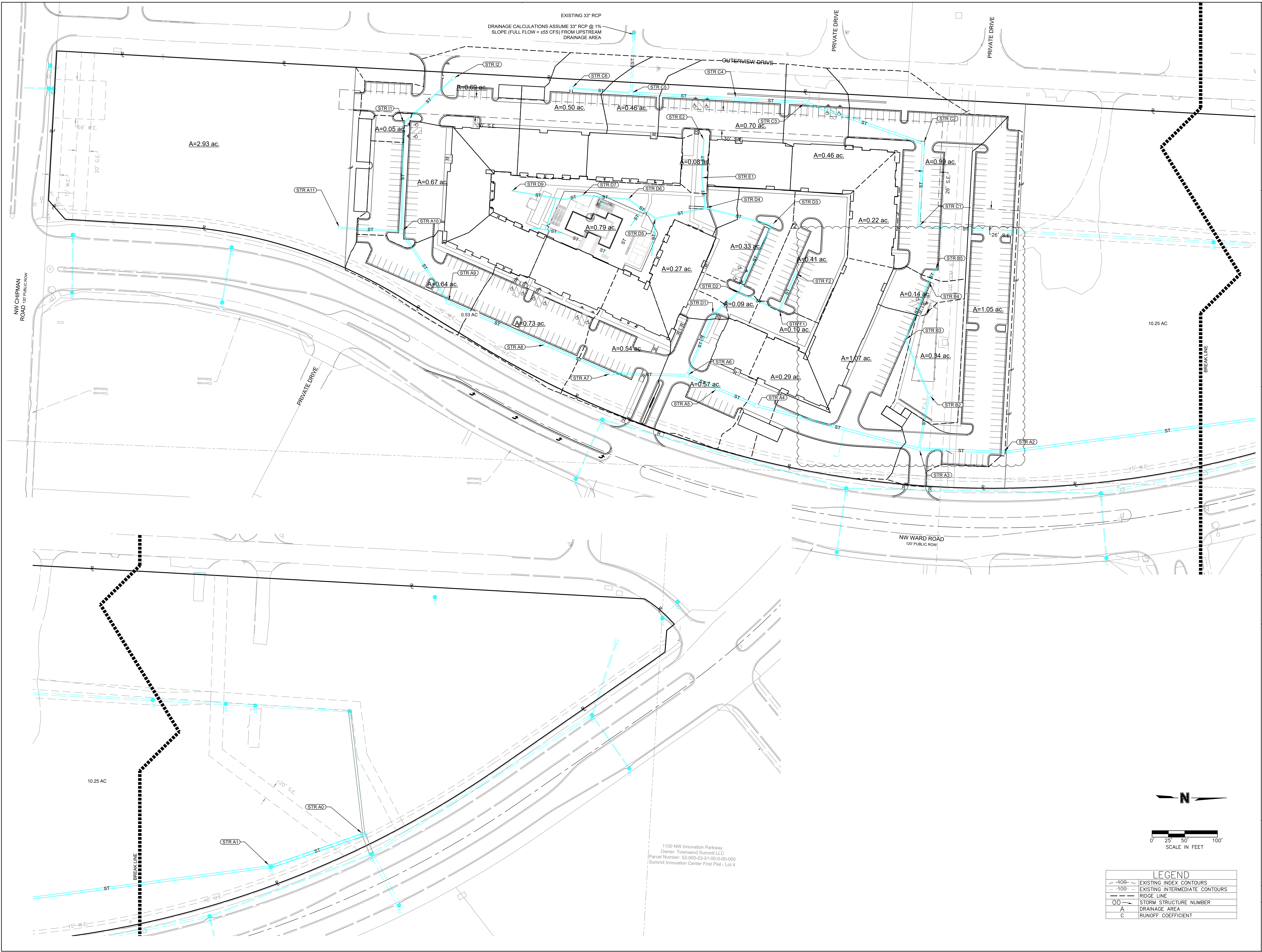
STORM SEWER PLAN AND PROFILE

TRILOGY
APARTMENT COMPLEX
CONSTRUCTION DOCUMENTS
LEE'S SUMMIT, JACKSON COUNTY, MO

NEIL W. HAAS
NUMBER PE-2022034072
Certificate of Authority #:MO 2020018354

SHEET #:
C-0511

S:\01 PROJECTS\MULTI-FAMILY\4024 SUMMIT SQUARE 3\PERMIT SET 90% CDS\PLANS\01_SITE PLANS\C-0501 STORM SEWER PLAN & PROFILE.DWG



1100 NW Innovation Parkway
Owner: Townsend Summit LLC
Parcel Number: 52-900-03-51-00-0-00-000
Summit Innovation Center First Plat - Lot 4

LEGEND

100	EXISTING INDEX CONTOURS
100	EXISTING INTERMEDIATE CONTOURS
— — —	RIDGE LINE
00 →	STORM STRUCTURE NUMBER
A	DRAINAGE AREA
C	RUNOFF COEFFICIENT

S:\01 PROJECTS\MULTI-FAMILY\4024 SUMMIT SQUARE 3\PERMIT SET 90% CDS\PLANS\01_SITE PLANS\C-0530 DRAINAGE PLAN.DWG

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DRAFTED BY: D.A.H
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NEIL W. HAAS, P.E.
2022034072

DRAINAGE PLAN

TRILOGY
APARTMENT COMPLEX
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LEE'S SUMMIT, JACKSON COUNTY, MO

NEIL W. HAAS
NUMBER
PE-2022034072
Neil W. Haas 04/28/2023
Certificate of Authority #:MO 2020018354

SHEET #:

C-0530

2

PIPE DESIGN TABLE (10-YEAR)

Inlet ID	Pipe Length	Upstream Invert	Downstream Invert	Line Slope	Pipe Diameter	Manning's n	Pipe Capacity	Total Flow	Velocity	Junction Loss Coefficient	Upstream Rim Elevation	Upstream HGL	Drainage Area	C-Value	Time of Concentration	i
	(ft)	(ft)	(ft)	(%)	(in)		(cfs)	(cfs)	(ft/s)		(ft)	(ft)	(ac)	(C)	(min)	(in/hr)
STR A1	150.16	964.42	962.08	1.56	48	0.012	194.26	71.26	8.43	0.15 z	971.70	966.97	10.25	0.3	11	5.92
STR A2	505.86	968.98	964.63	0.86	36	0.012	67.00	55.20	9.07	0.30 z	991.01	971.39	1.05	0.84	5	7.34
STR A3	129.32	970.18	969.08	0.85	36	0.012	66.64	50.36	8.63	0.40 z	994.79	972.49	0	0	0	0
STR A4	256.69	981.91	979.34	1.00	36	0.012	72.29	42.13	7.92	0.30 z	999.53	984.02	0.29	0.8	5	7.34
STR A5	64.94	982.76	982.11	1.00	36	0.012	72.28	40.93	7.82	0.15 z	999.16	984.84	0.57	0.67	5	7.34
STR A6	51.26	983.68	982.96	1.40	36	0.012	85.63	38.72	7.63	0.40 z	999.95	985.70	0	0	0	0
STR D1	102.06	989.02	988.00	1.00	24	0.012	24.50	10.14	5.49	0.40 z	1000.85	990.16	0.27	0.9	5	7.34
STR D2	50.56	989.73	989.22	1.01	24	0.012	24.61	8.58	5.18	0.40 z	1000.40	990.77	0.09	0.83	5	7.34
STR F1	68.09	994.12	993.44	1.00	15	0.012	6.99	3.01	4.28	1.00 z	1000.40	994.82	0.1	0.9	5	7.34
STR F2	62.00	995.00	994.32	1.10	15	0.012	7.33	2.41	3.96	0.40 z	999.16	995.62	0.41	0.8	5	7.34
STR A7	115.35	985.27	984.18	0.94	30	0.012	43.19	29.59	7.58	0.30 z	999.43	987.12	0.54	0.64	5	7.34
STR A8	109.00	986.56	985.47	1.00	30	0.012	44.43	27.67	7.35	0.15 z	999.29	988.35	0.73	0.67	5	7.34
STR A9	163.00	988.39	986.76	1.00	30	0.012	44.43	24.94	7.02	0.30 z	999.93	990.09	0.64	0.7	5	7.34
STR A10	130.10	989.70	988.59	0.85	30	0.012	41.04	22.34	6.70	0.30 z	1000.67	991.31	0.67	0.84	5	7.34
STR I1	165.58	993.35	990.70	1.60	18	0.012	14.39	3.76	4.33	1.00 z	1001.06	994.09	0.05	0.78	5	7.34
STR I2	101.80	994.60	993.60	0.98	18	0.012	11.28	3.60	4.26	0.15 z	999.02	995.32	0.69	0.71	5	7.34
STR D3	115.12	991.50	990.35	1.00	18	0.012	11.37	5.30	4.88	0.15 z	999.67	992.39	0.33	0.83	5	7.34
STR D4	104.91	992.68	991.70	0.93	18	0.012	11.00	3.48	4.22	0.40 z	1000.09	993.39	0.79	0.6	5	7.34
STR A11	94.13	990.92	990.20	0.76	24	0.012	21.43	16.24	6.65	0.15 z	1000.97	992.37	2.91	0.76	5	7.34
STR B2	83.34	980.76	980.09	0.80	24	0.012	21.97	10.63	5.59	0.40 z	984.91	981.93	0.34	0.35	5	7.34
STR B3	93.03	983.25	981.24	2.16	18	0.012	16.72	9.90	6.47	0.40 z	988.66	984.46	1.07	0.67	5	7.34
STR B4	94.33	984.90	983.50	1.48	18	0.012	13.86	4.90	4.74	0.30 z	989.32	985.75 j	0.14	0.69	5	7.34
STR B5	21.76	985.40	985.10	1.38	18	0.012	13.36	4.22	4.50	1.00 z	989.25	986.19	0.99	0.58	5	7.34
STR C2	126.69	978.48	977.71	0.61	36	0.012	56.33	63.79	9.02	0.40	996.93	981.70	0.22	0.9	5	7.34
STR C3	191.07	979.84	978.68	0.61	36	0.012	56.30	62.59	8.85	0.15	1001.06	983.64	0.46	0.74	5	7.34
STR C4	105.14	980.68	980.04	0.61	36	0.012	56.37	60.30	8.53	0.15	1001.09	984.56	0.71	0.68	5	7.34
STR C5	161.58	981.87	980.88	0.61	36	0.012	56.55	57.00	8.06	0.15	999.54	985.73	0.46	0.76	5	7.34
STR C6	91.452	995.5	994.13	1.5	18	0.012	13.92	2.64	3.87	0.15 z	1001.12	996.12	0.5	0.72	5	7.34

PIPE DESIGN TABLE (100-YEAR)

Inlet ID	Pipe Length	Upstream Invert	Downstream Invert	Line Slope	Pipe Diameter	Manning's n	Pipe Capacity	Total Flow	Velocity	Junction Loss Coefficient	Upstream Rim Elevation	Upstream HGL	Drainage Area	C-Value	Time of Concentration	i
	(ft)	(ft)	(ft)	(%)	(in)		(cfs)	(cfs)	(ft/s)		(ft)	(ft)	(ac)	(C)	(min)	(in/hr)
STR A1	150.16	964.42	962.08	1.56	48.00	0.012	194.26	128.38	10.22	0.15	971.70	969.27	10.25	0.3	11	10.57
STR A2	505.86	968.98	964.63	0.86	36.00	0.012	67.00	105.55	14.93	0.30	991.01	980.32	1.05	0.84	5	12.9
STR A3	129.32	970.18	969.08	0.85	36.00	0.012	66.64	95.85	13.56	0.40	994.79	983.63	0	0	0	0
STR A4	256.69	981.91	979.34	1.00	36.00	0.012	72.29	79.32	11.22	0.30	999.53	987.87	0.29	0.8	5	12.9
STR A5	64.94	982.76	982.11	1.00	36.00	0.012	72.28	76.85	10.87	0.15	999.16	989.20	0.57	0.67	5	12.9
STR A6	51.26	983.68	982.96	1.40	36.00	0.012	85.63	72.52	10.26	0.40	999.95	989.99	0	0	0	0
STR D1	102.06	989.02	988.00	1.00	24.00	0.012	24.50	18.42	5.86	0.40	1000.85	991.22	0.27	0.9	5	12.9
STR D2	50.56	989.73	989.22	1.01	24.00	0.012	24.61	15.50	5.07	0.40	1000.40	991.60	0.09	0.83	5	12.9
STR F1	68.09	994.12	993.44	1.00	15.00	0.012	6.99	5.33	5.41	1.00 z	1000.40	995.06	0.1	0.9	5	12.9
STR F2	62.00	995.00	994.32	1.10	15.00	0.012	7.33	4.23	4.88	0.40 z	999.16	995.83	0.41	0.8	5	12.9
STR A7	115.35	985.27	984.18	0.94	30.00	0.012	43.19	55.14	11.23	0.30	999.43	992.42	0.54	0.64	5	12.9
STR A8	109.00	986.56	985.47	1.00	30.00	0.012	44.43	51.30	10.45	0.15	999.29	994.46	0.73	0.67	5	12.9
STR A9	163.00	988.39	986.76	1.00	30.00	0.012	44.43	45.86	9.34	0.30	999.93	996.46	0.64	0.7	5	12.9
STR A10	130.10	989.70	988.59	0.85	30.00	0.012	41.04	40.76	8.30	0.30	1000.67	997.96	0.67	0.84	5	12.9
STR I1	165.58	993.35	990.70	1.60	18.00	0.012	14.39	6.70	3.79	1.00	1001.06	998.86	0.05	0.78	5	12.9
STR I2	101.80	994.60	993.60	0.98	18.00	0.012	11.28	6.32	3.58	0.15	999.02	999.39	0.69	0.71	5	12.9
STR D3	115.12	991.50	990.35	1.00	18.00	0.012	11.37	9.47	6.31	0.15 z	999.67	992.69 j	0.33	0.83	5	12.9
STR D4	104.91	992.68	991.70	0.93	18.00	0.012	11.00	6.11	5.15	0.40 z	1000.09	993.63 j	0.79	0.6	5	12.9
STR A11	94.13	990.92	990.20	0.76	24.00	0.012	21.43	28.52	9.08	0.15	1000.97	999.56	2.91	0.76	5	12.9
STR B2	83.34	980.76	980.09	0.80	24.00	0.012	21.97	19.03	6.06	0.40	984.91	985.28	0.34	0.35	5	12.9
STR B3	93.03	983.25	981.24	2.16	18.00	0.012	16.72	17.63	9.97	0.40	988.66	987.74	1.07	0.67	5	12.9
STR B4	94.33	984.90	983.50	1.48	18.00	0.012	13.86	8.62	4.88	0.30	989.32	988.90	0.14	0.69	5	12.9
STR B5	21.76	985.40	985.10	1.38	18.00	0.012	13.36	7.40	4.19	1.00	989.25	989.11	0.99	0.58	5	12.9
STR C2	126.69	978.48	977.71	0.61	36.00	0.012	56.33	73.21	10.36	0.40	996.93	982.01	0.22	0.9	5	12.9
STR C3	191.07	979.84	978.68	0.61	36.00	0.012	56.30	71.00	10.04	0.15	1001.06	984.53	0.46	0.74	5	12.9
STR C4	105.14	980.68	980.04	0.61	36.00	0.012	56.37	66.88	9.46	0.15	1001.09	985.66	0.71	0.68	5	12.9
STR C5	161.58	981.87	980.88	0.61	36.00	0.012	56.55	60.96	8.62	0.15	999.54	987.02	0.46	0.76	5	12.9
STR C6	91.452	995.5	994.13	1.5	18	0.012	13.92	4.64	4.65	0.15 z	1001.12	996.33	0.5	0.72	5	12.9

S:\01 PROJECTS\MULTI-FAMILY\4024 SUMMIT SQUARE 3\PERMIT SET 90% CDS\PLANS\01_SITE PLANS\C-0540 DRAINAGE TABLES.DWG

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DRAINAGE TABLES

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Neil W. Haas 05/28/2023
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SHEET #:

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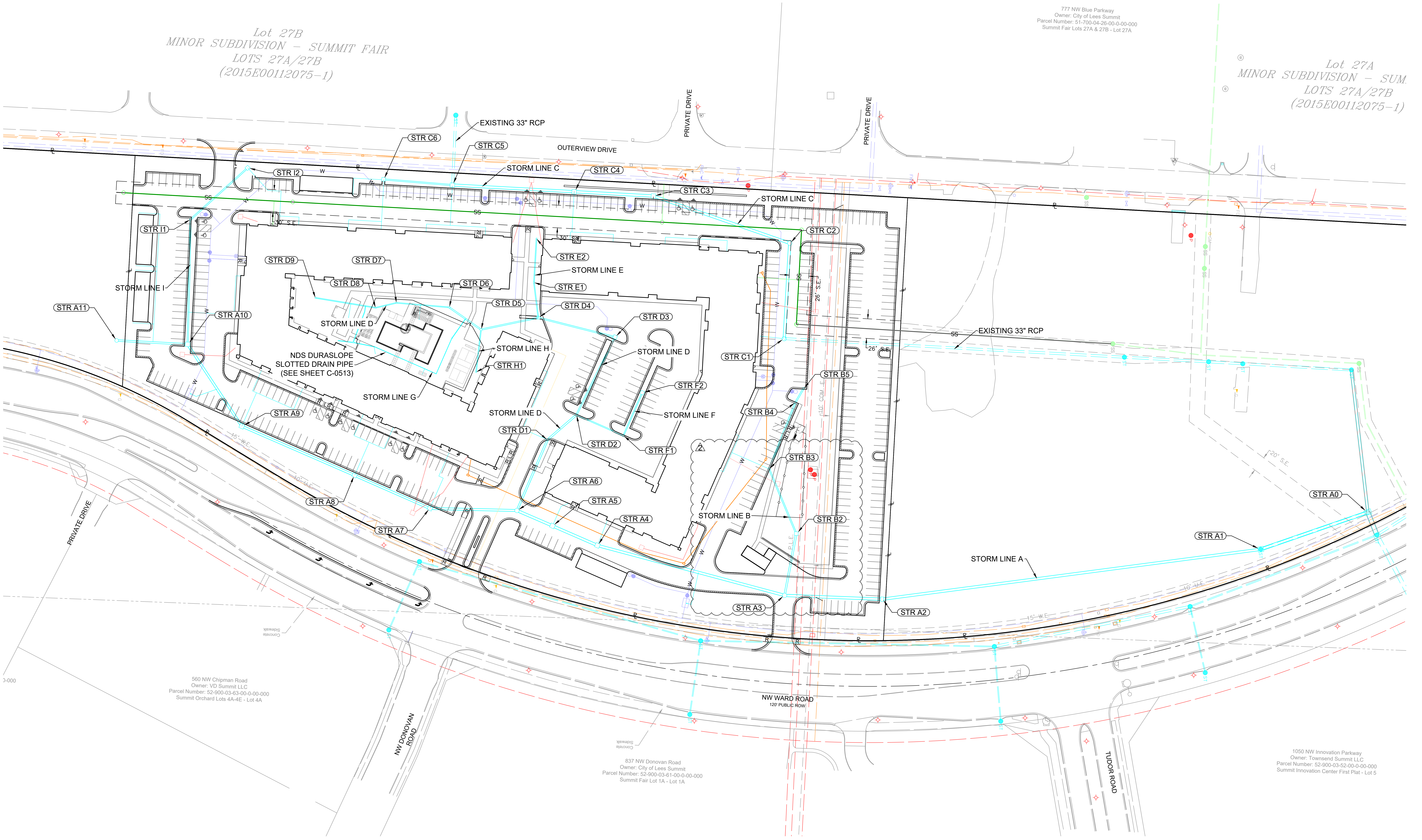

N

ALL PROPOSED STORM SEWER IMPROVEMENTS SHOWN IN THESE PLANS SHALL BE PRIVATELY OWNED AND MAINTAINED BY THE PROPERTY OWNER, PER CITY OF LEE'S SUMMIT CODE

0' 25' 50' 100'
SCALE IN FEET

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M.G.D
DESIGNED BY:
N.W.H
DRAFTED BY:
D.A.H
SP PROJECT #:
4024
NEIL W. HAAS, P.E.
2022034072

STORM SEWER GENERAL LAYOUT

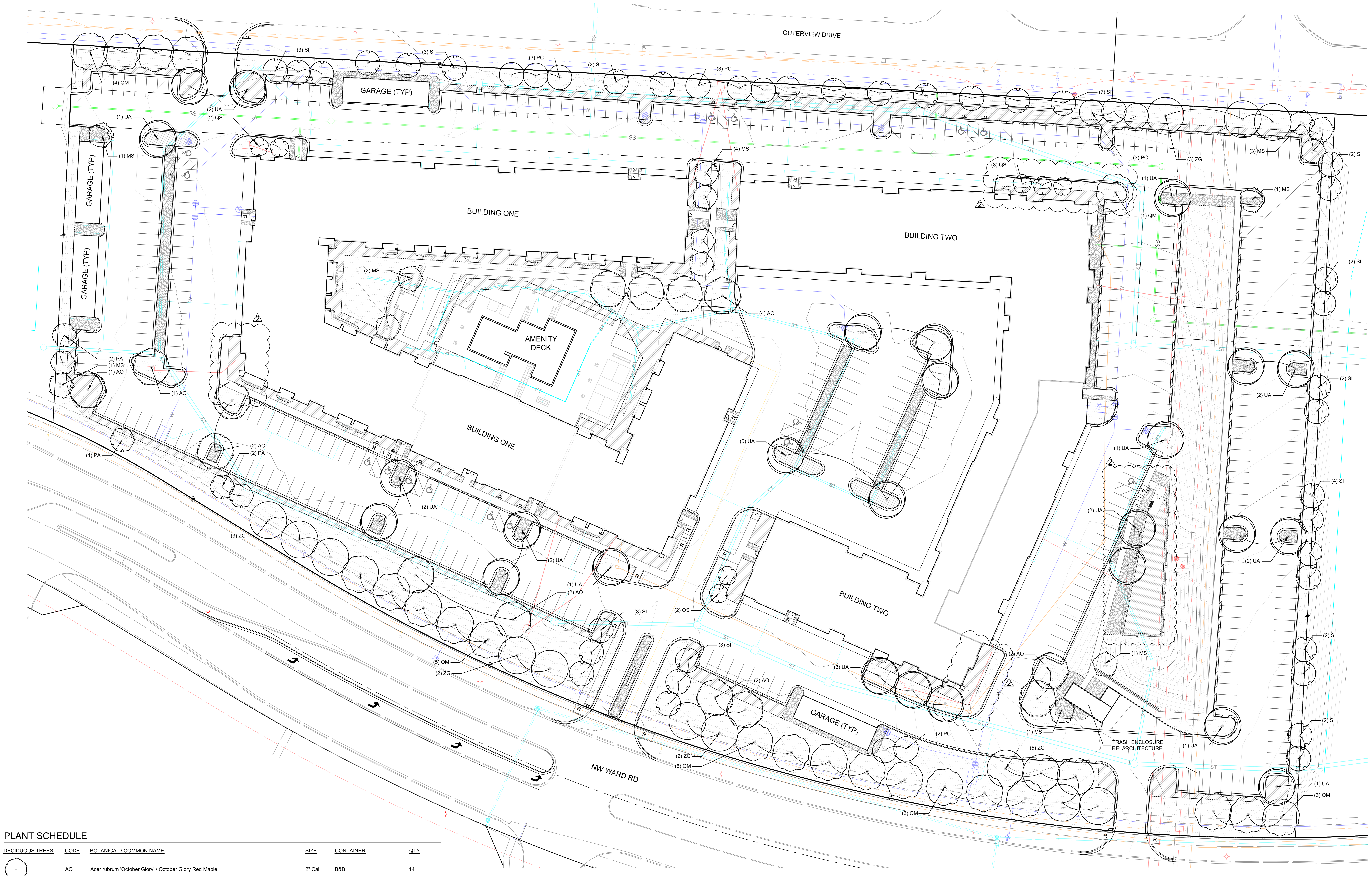
TRILOGY
APARTMENT COMPLEX
CONSTRUCTION DOCUMENTS
LEE'S SUMMIT, JACKSON COUNTY, MO

NEIL W. HAAS
NUMBER
PE-2022034072
Neil W. Haas 04/28/2023
Certificate of Authority #:MO 2020018354

SHEET #:

C-0500

S:\01 PROJECTS\MULTI-FAMILY\4024 SUMMIT SQUARE 3\PERMIT SET 90% CDS\PLANS\01_SITE PLANS\C-0500 STORM SEWER GENERAL LAYOUT.DWG



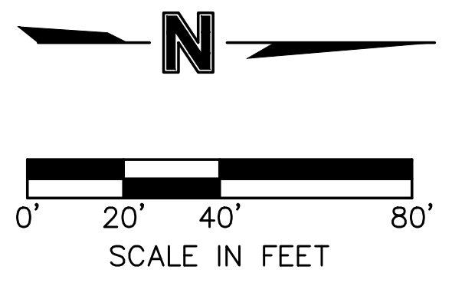
PLANT SCHEDULE

DECIDUOUS TREES	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	QTY
	AO	Acer rubrum 'October Glory' / October Glory Red Maple	2" Cal.	B&B	14
	MS	Malus x 'Spring Snow' / Spring Snow Crabapple	1.5" Cal.	B&B	14
	QM	Quercus macrocarpa / Burr Oak	2" Cal.	B&B	21
	QS	Quercus robur 'Fastigiata' TM / Skyrocket English Oak	2" Cal.	B&B	7
	SI	Syringa reticulata 'Ivory Silk' / Ivory Silk Japanese Tree Lilac	2" Cal.	B&B	35
	UA	Ulmus parvifolia 'Allee' TM / Allee Lacebark Elm	2" Cal.	B&B	26
	ZG	Zelkova serrata 'Green Vase' / Green Vase Sawleaf Zelkova	2" Cal.	B&B	15

EVERGREEN TREES	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	QTY
	PA	Picea abies / Norway Spruce	6` Ht.	B&B	5
	PC	Picea pungens / Colorado Spruce	6` Ht.	B&B	11

GROUND COVER LEGEND

☐	TURF GRASS, TYP.
▨	LANDSCAPE BED WOOD MULCH, TYP.
▒	RIVER ROCK, TYP.



S:\01 PROJECTS\MULTI-FAMILY\4024 SUMMIT SQUARE 3\PERMIT SET 90% CDS\PLANS\01_SITE PLANS\L-0100 LANDSCAPE PLAN - OVERVIEW.DWG

SITEPOINT
A Division of NorthPoint Development
816.888.7380
sitepoint@northpointkc.com
3315 N Oak Trafficway
Kansas City, MO 64116

DATE:	NO.:	REVISIONS/APPROVALS:
2023.03.15		BUILDING PERMIT
2023.04.11	1	CITY COMMENTS
2023.04.28	2	REVISED PER CITY COMMENTS

REVIEWED BY:
J.K.
DESIGNED BY:
R.E.B.
DRAFTED BY:
R.E.B.
SP PROJECT #:
4024
JAMES KRAATZ
PLA
2020005159

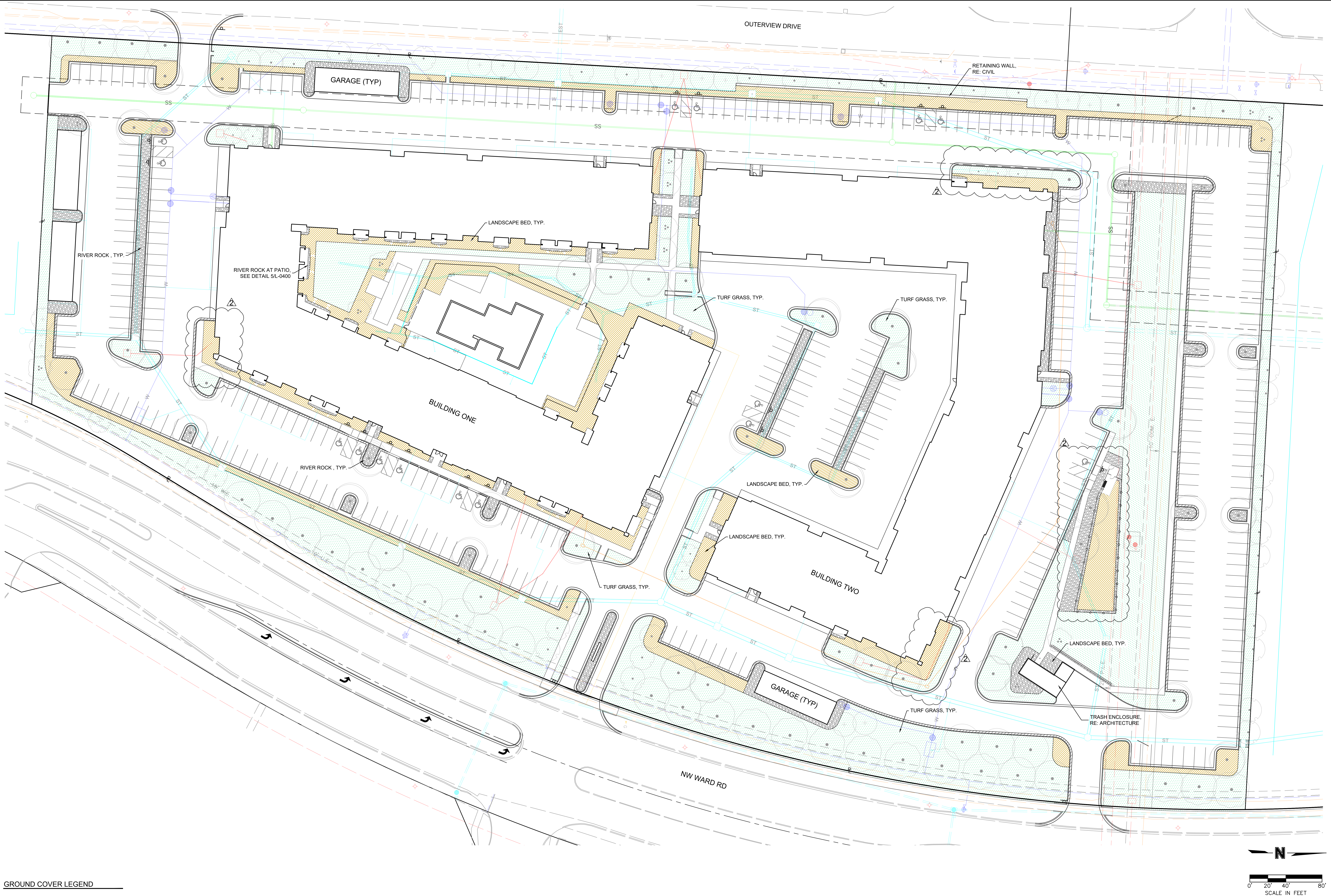
LANDSCAPE PLAN - OVERVIEW

TRILOGY
APARTMENT COMPLEX
PERMIT SET
LEE'S SUMMIT, JACKSON COUNTY, MO

Certificate of Authority #:MO 2020018354

SHEET #:

L-0100



GROUND COVER LEGEND

🟩 TURF GRASS, TYP.

▨ LANDSCAPE BED
WOOD MULCH, TYP.

▨ RIVER ROCK, TYP.

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SP PROJECT #:
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JAMES KRAATZ PLA
2020005159

LANDSCAPE PLAN - GROUNDCOVER

TRILOGY
APARTMENT COMPLEX
PERMIT SET
LEE'S SUMMIT, JACKSON COUNTY, MO

Certificate of Authority #:MO 2020018354

SHEET #:

L-0200

S:\01 PROJECTS\MULTI-FAMILY\4024 SUMMIT SQUARE 3\PERMIT SET 90% CDS\PLANS\01_SITE PLANS\L-0101 LANDSCAPE PLAN - MATERIAL.DWG

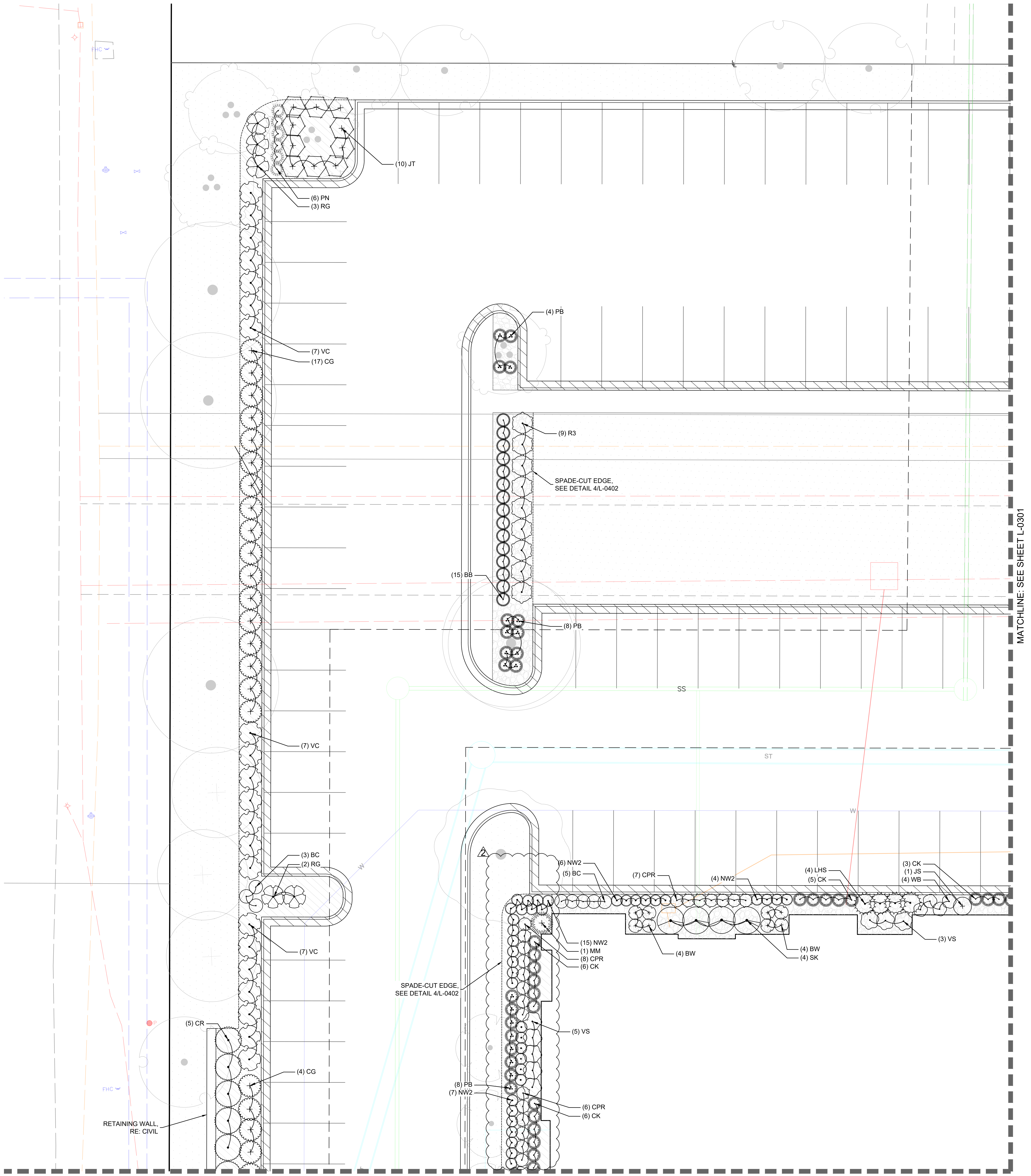
PLANT SCHEDULE

SHRUBS	CODE	BOTANICAL / COMMON NAME
	BC	Berberis thunbergii 'Crimson Pygmy' / Crimson Pygmy Japanese Barberry
	CR	Cornus sericea / Red Twig Dogwood
	HB2	Hosta x 'Fragrant Bouquet' / Fragrant Bouquet Hosta
	HH	Hosta x 'Halcyon' / Halcyon Hosta
	HYD	Hydrangea macrophylla 'Bailmer' / Endless Summer® Hydrangea
	LHS	Itea virginica 'Henry's Garnet' / Henry's Garnet Sweetspire
	RG	Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac
	CPR	Rosa x 'Flower Carpet Appleblossom' / Flower Carpet® Appleblossom Groundcover Rose
	R3	Rosa x 'Radtko' TM / Double Knock Out Red Rose
	RD	Rosa x 'Radtkopink' TM / Pink Double Knock Out Rose
	MCS	Spiraea japonica 'Walbuma' / Magic Carpet Japanese Spirea
	SL	Spiraea x bumalda 'Little Princess' / Little Princess Spirea
	SK	Syringa pubescens patula 'Miss Kim' / Miss Kim Korean Lilac
	VC	Viburnum carlesii / Koreanspice Viburnum
	VS	Viburnum plicatum tomentosum 'Summer Snowflake' / Summer Snowflake Viburnum
	VV	Viburnum x burkwoodii 'Mohawk' / Mohawk Viburnum
	WB	Weigela florida 'Bramwell' / Fine Wine® Weigela

EVERGREEN	CODE	BOTANICAL / COMMON NAME
	BW	Buxus sinica insularis 'Wintergreen' / Wintergreen Korean Boxwood
	CG	Chamaecyparis pisifera 'Golden Mop' / Golden Mop Threadleaf Sawara Cypress
	JF	Juniperus chinensis 'Sea Green' / Sea Green Juniper
	JT	Juniperus sabina 'Tamariscifolia' / Tamarix Juniper
	JS	Juniperus scopulorum 'Skyrocket' / Skyrocket Juniper

GRASSES	CODE	BOTANICAL / COMMON NAME
	BB	Bouteloua gracilis 'Blonde Ambition' / Blonde Ambition Blue Grama
	CK	Calamagrostis x acutiflora 'Karl Foerster' / Karl Foerster Feather Reed Grass
	LV	Liriope muscari 'Variegata' / Variegated Lilyturf
	MM	Miscanthus sinensis 'Morning Light' / Morning Light Eulalia Grass
	PN	Panicum virgatum 'Northwind' / Northwind Switch Grass
	PS	Panicum virgatum 'Shenandoah' / Shenandoah Switch Grass
	PH2	Pennisetum alopecuroides 'Hameln' / Hameln Fountain Grass
	PB	Pennisetum alopecuroides 'Little Bunny' / Little Bunny Fountain Grass

PERENNIALS	CODE	BOTANICAL / COMMON NAME
	AS	Allium x 'Serendipity' / Serendipity Ornamental Onion
	IV2	Iris virginica / Blue Flag Iris
	LB	Leucanthemum x superbum 'Becky' / Becky Shasta Daisy
	NW2	Nepeta x 'Walker's Low' / Walker's Low Catmint
	SP	Salvia nemorosa / Meadow Sage
	VR	Veronica x 'Reavis' / Crystal River Creeping Speedwell



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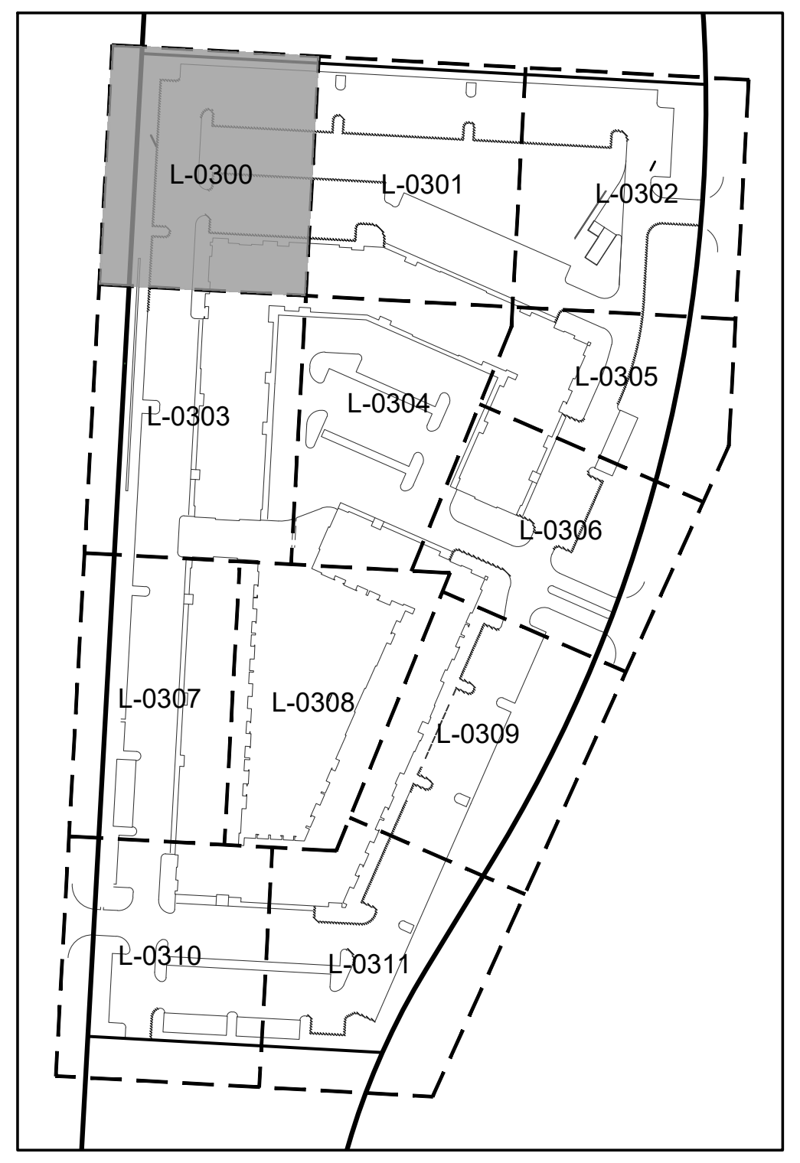
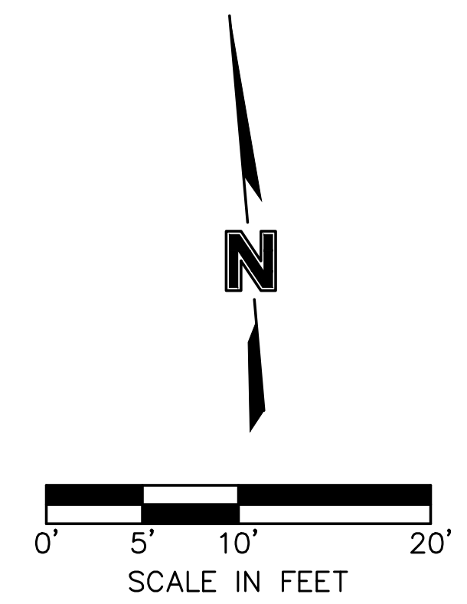


KEY MAP
SCALE 1:200

GROUND COVER LEGEND

☐	TURF GRASS, TYP.
▨	LANDSCAPE BED WOOD MULCH, TYP.
▦	RIVER ROCK, TYP.
-------------	SPADE CUT EDGE



S:\01 PROJECTS\MULTI-FAMILY\4024 SUMMIT SQUARE 3\PERMIT SET 90% CDS\PLANS\01_SITE PLANS\L-0200 LANDSCAPE PLAN - DETAILED.DWG

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REVIEWED BY: J.K.
DESIGNED BY: R.E.B.
DRAFTED BY: R.E.B.
SP PROJECT #: 4024
JAMES KRAATZ PLA
2020005159

LANDSCAPE PLAN - DETAILED

TRILOGY
APARTMENT COMPLEX
PERMIT SET
LEE'S SUMMIT, JACKSON COUNTY, MO

Certificate of Authority #:MO 2020018354

SHEET #:

L-0300

PLANT SCHEDULE

SHRUBS	CODE	BOTANICAL / COMMON NAME
⊙	BC	Berberis thunbergii 'Crimson Pygmy' / Crimson Pygmy Japanese Barberry
⊙	CR	Cornus sericea / Red Twig Dogwood
⊞	HB2	Hosta x 'Fragrant Bouquet' / Fragrant Bouquet Hosta
⊞	HH	Hosta x 'Halcyon' / Halcyon Hosta
⊙	HYD	Hydrangea macrophylla 'Bailmer' / Endless Summer® Hydrangea
⊙	LHS	Itea virginica 'Henry's Garnet' / Henry's Garnet Sweetspire
⊙	RG	Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac
⊙	CPR	Rosa x 'Flower Carpet Appleblossom' / Flower Carpet® Appleblossom Groundcover Rose
⊙	R3	Rosa x 'Radtko' TM / Double Knock Out Red Rose
⊙	RD	Rosa x 'Radtkopink' TM / Pink Double Knock Out Rose
⊙	MCS	Spiraea japonica 'Walbuma' / Magic Carpet Japanese Spirea
⊙	SL	Spiraea x bumalda 'Little Princess' / Little Princess Spirea
⊙	SK	Syringa pubescens patula 'Miss Kim' / Miss Kim Korean Lilac
⊙	VC	Viburnum carlesii / Koreanspice Viburnum
⊙	VS	Viburnum plicatum tomentosum 'Summer Snowflake' / Summer Snowflake Viburnum
⊙	VV	Viburnum x burkwoodii 'Mohawk' / Mohawk Viburnum
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EVERGREEN	CODE	BOTANICAL / COMMON NAME
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GRASSES	CODE	BOTANICAL / COMMON NAME
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◎	PS	Panicum virgatum 'Shenandoah' / Shenandoah Switch Grass
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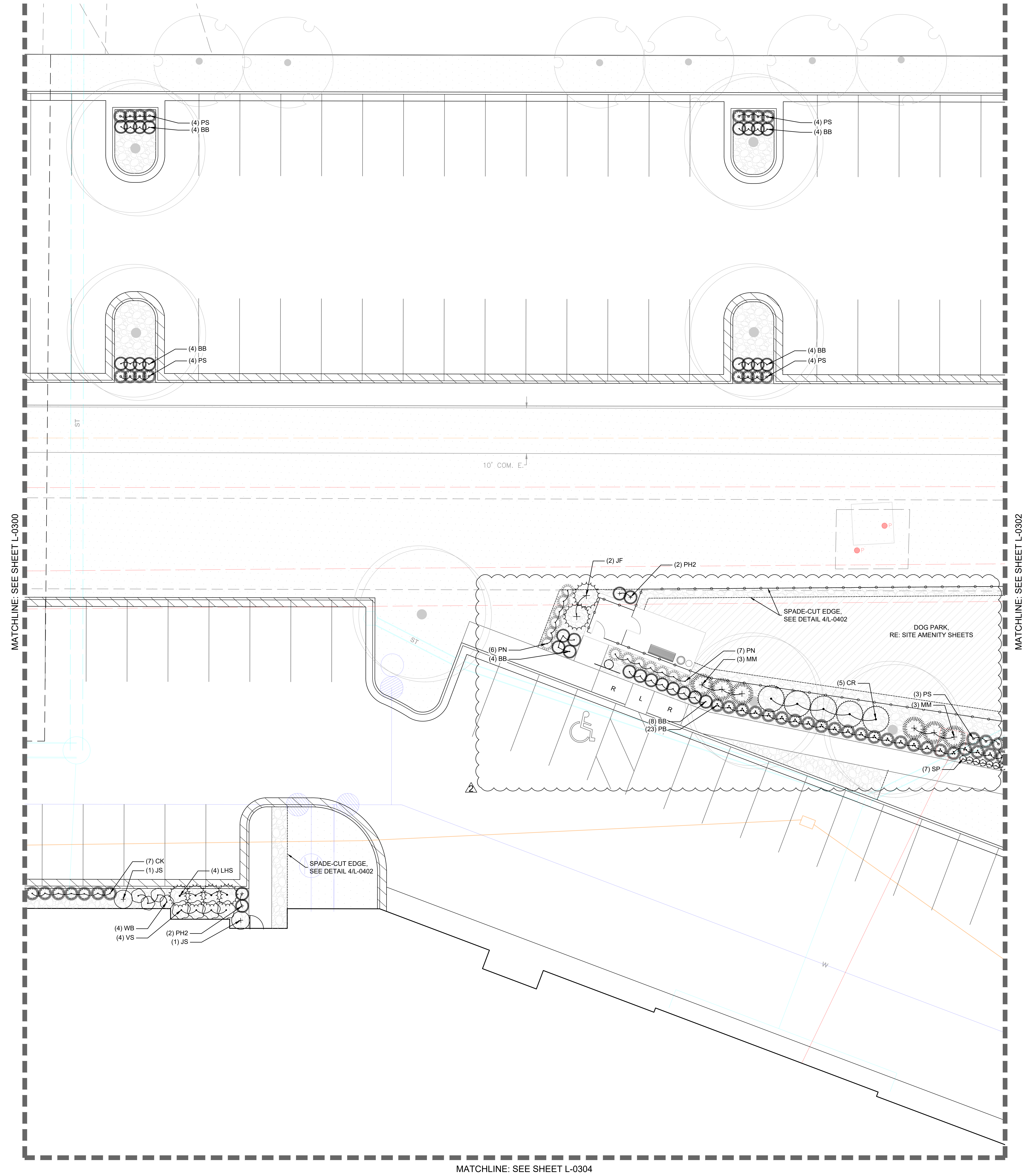
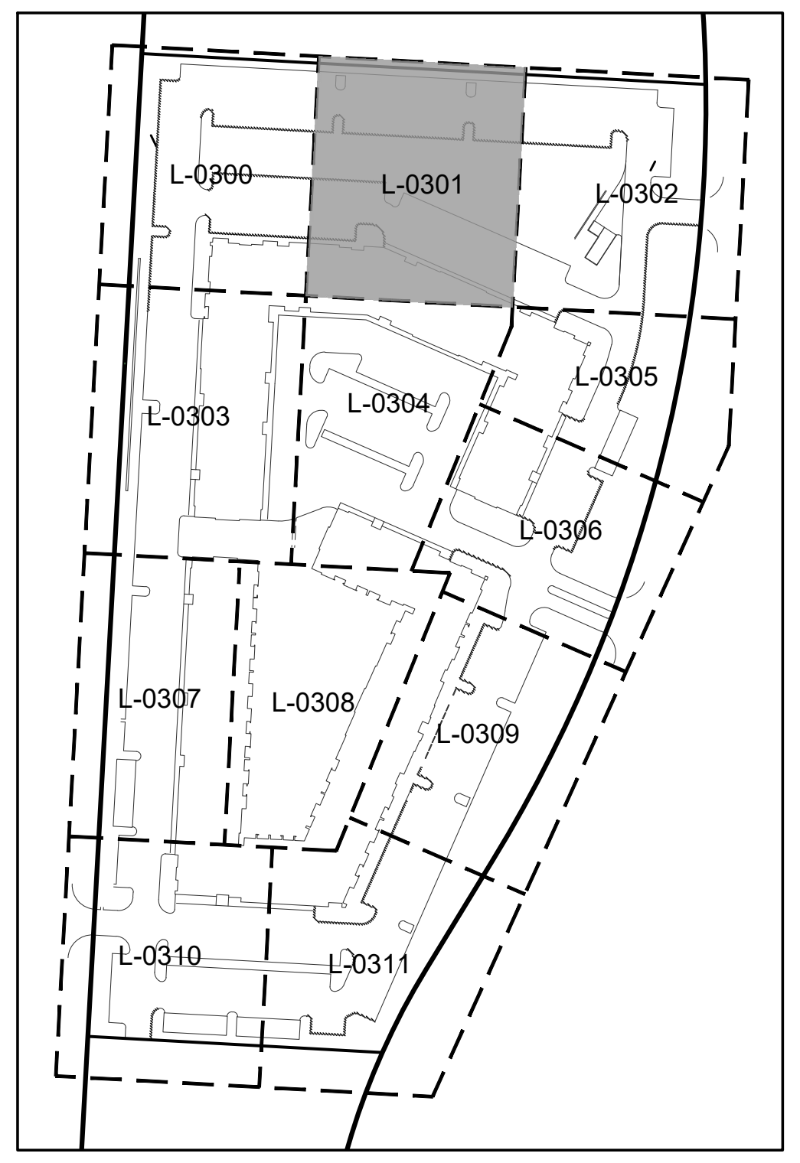
⊙	SP	Salvia nemorosa / Meadow Sage
⊙	VR	Veronica x 'Reavis' / Crystal River Creeping Speedwell

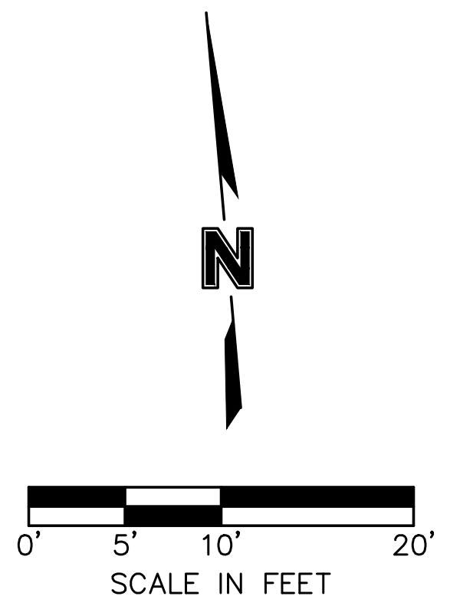




KEY MAP
SCALE 1:200

GROUND COVER LEGEND

☐	TURF GRASS, TYP.
▨	LANDSCAPE BED WOOD MULCH, TYP.
▦	RIVER ROCK, TYP.
- - - - - -	SPADE CUT EDGE



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REVIEWED BY:
J.K.
DESIGNED BY:
R.E.B.
DRAFTED BY:
R.E.B.
SP PROJECT #:
4024
JAMES KRAATZ PLA
2020005159

LANDSCAPE PLAN - DETAILED

TRILOGY
APARTMENT COMPLEX
PERMIT SET
LEE'S SUMMIT, JACKSON COUNTY, MO

Certificate of Authority #:MO 2020018354

SHEET #:

L-0301

S:\01 PROJECTS\MULTI-FAMILY\4024 SUMMIT SQUARE 3\PERMIT SET 90% CDS\PLANS\01_SITE PLANS\L-0200 LANDSCAPE PLAN - DETAILED.DWG

PLANT SCHEDULE

SHRUBS	CODE	BOTANICAL / COMMON NAME
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	SP	Salvia nemorosa / Meadow Sage
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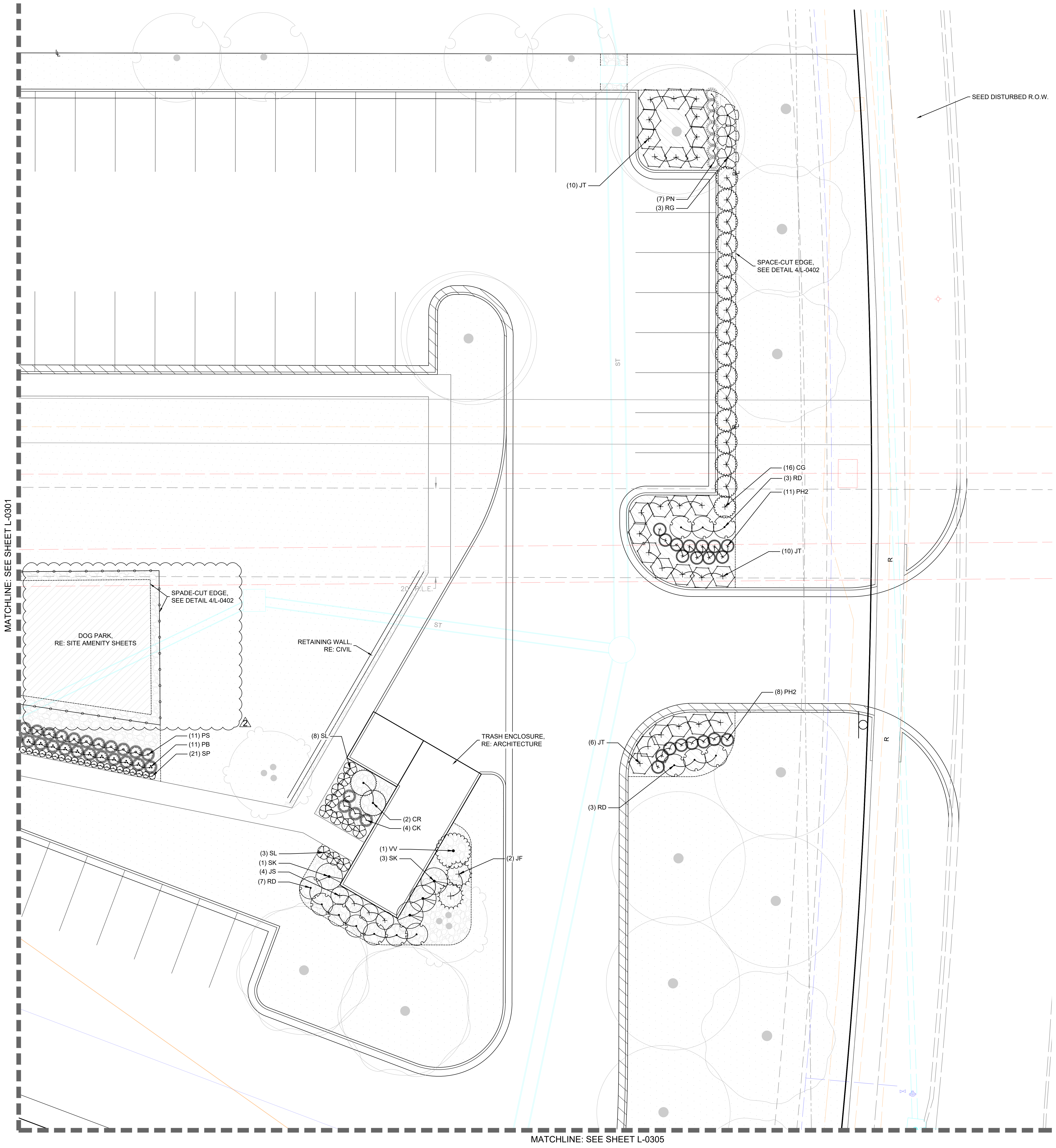
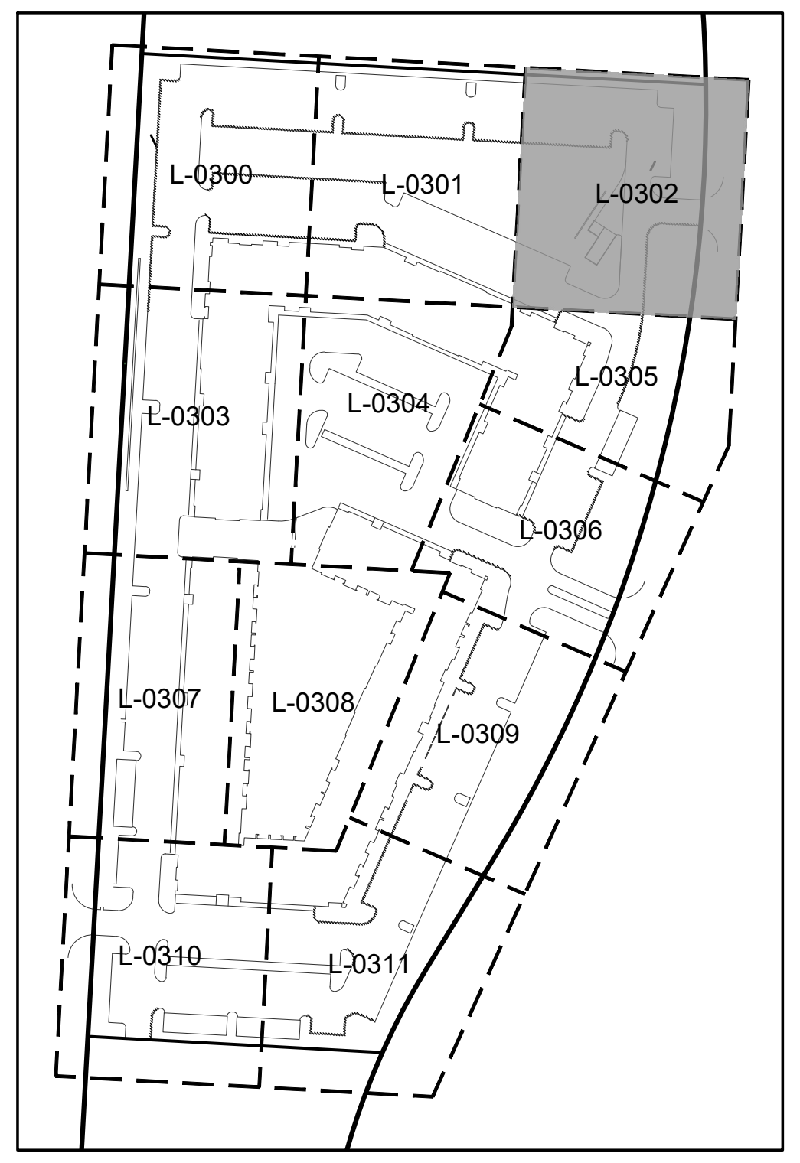
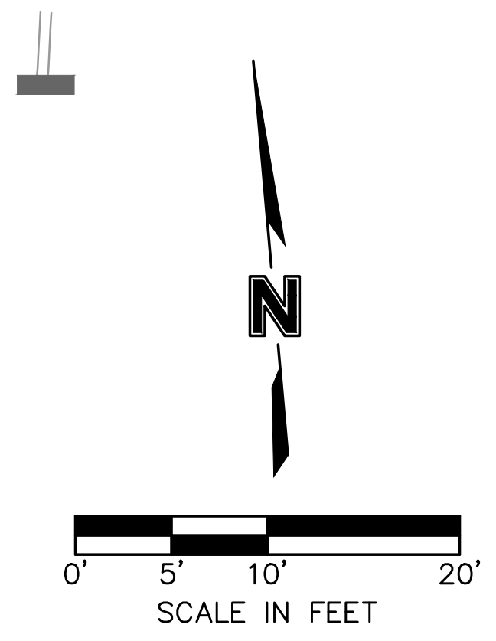




KEY MAP
SCALE 1:200

GROUND COVER LEGEND

☐	TURF GRASS, TYP.
▨	LANDSCAPE BED WOOD MULCH, TYP.
▒	RIVER ROCK, TYP.
- - - - -	SPADE CUT EDGE



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J.K.
DESIGNED BY:
R.E.B.
DRAFTED BY:
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SP PROJECT #:
4024
JAMES KRAATZ PLA
2020005159

LANDSCAPE PLAN - DETAILED

TRILOGY
APARTMENT COMPLEX
PERMIT SET
LEE'S SUMMIT, JACKSON COUNTY, MO

Certificate of Authority #:MO 2020018354

SHEET #:
L-0302

S:\01 PROJECTS\MULTI-FAMILY\4024 SUMMIT SQUARE 3\PERMIT SET 90% CDS\PLANS\01_SITE PLANS\L-0200 LANDSCAPE PLAN - DETAILED.DWG

PLANT SCHEDULE

SHRUBS	CODE	BOTANICAL / COMMON NAME
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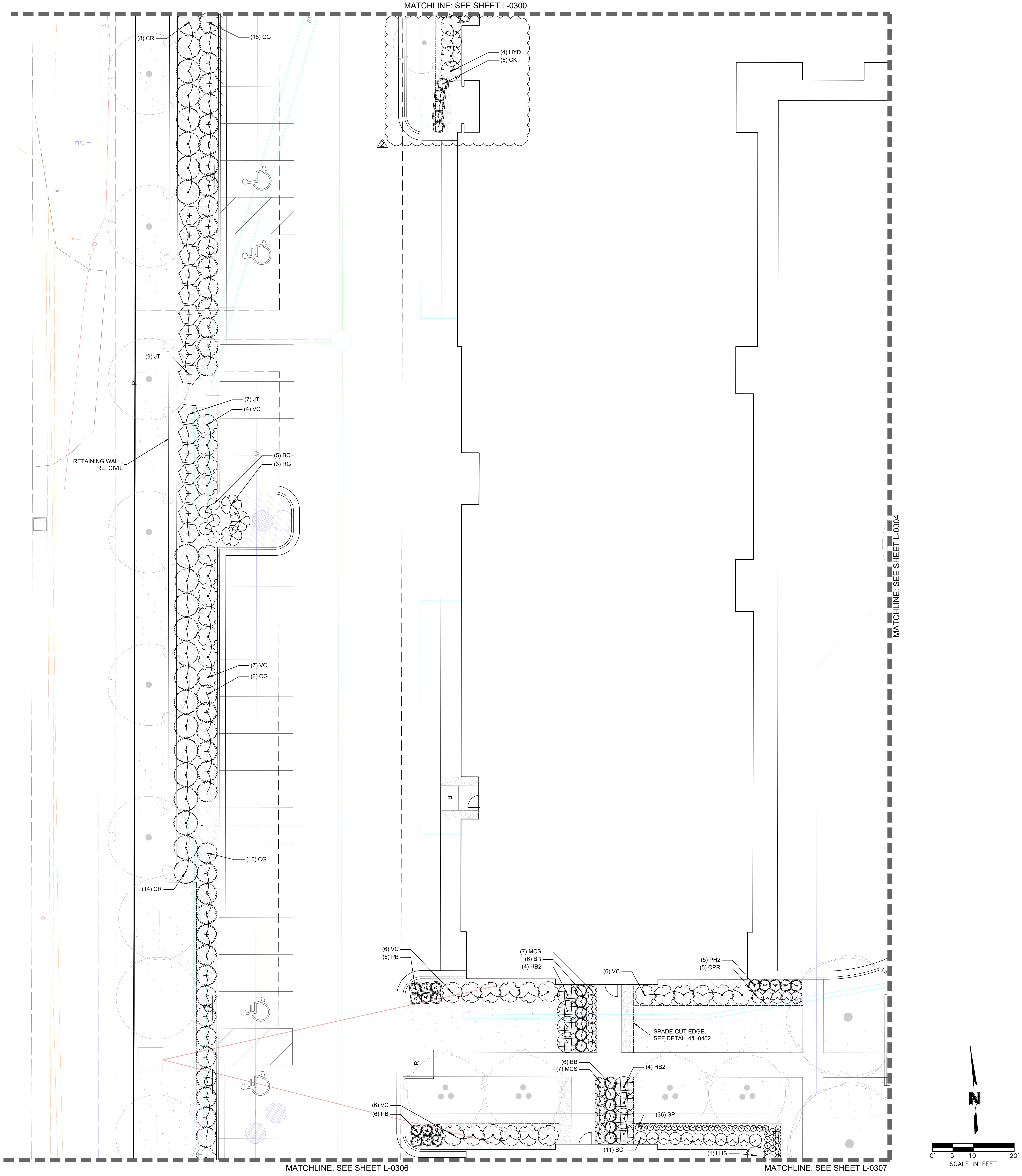

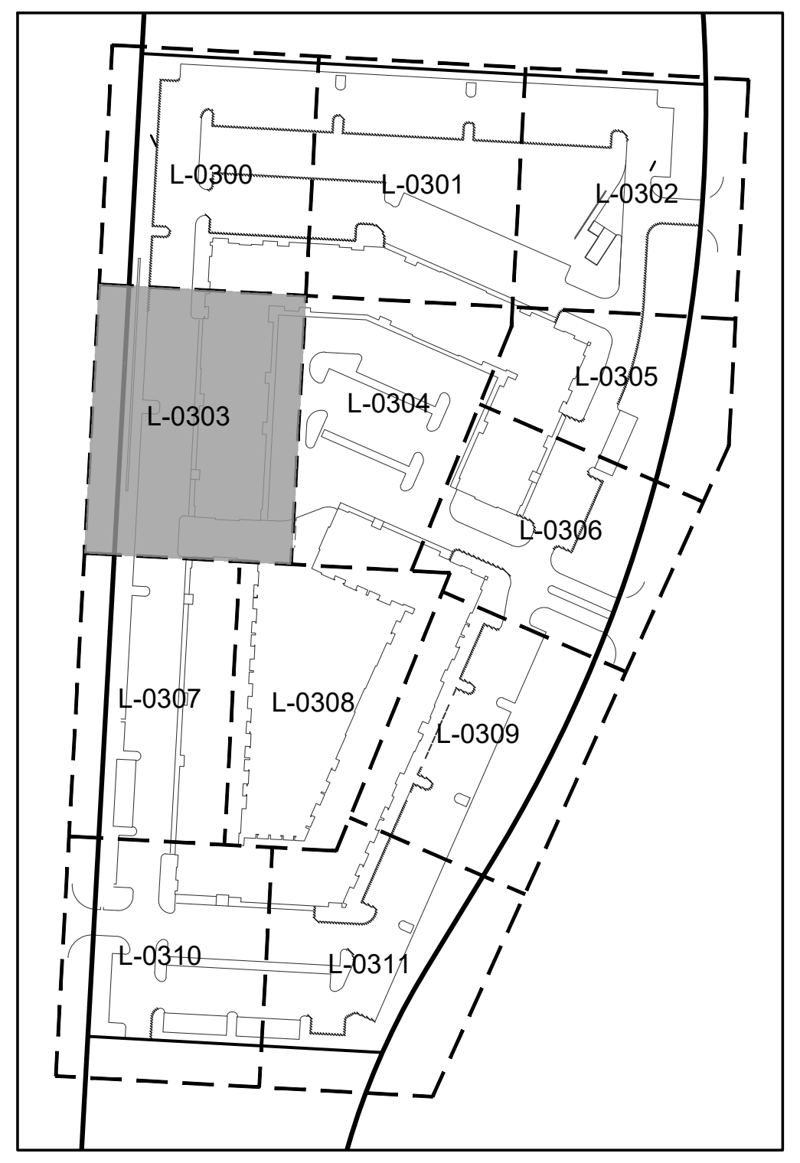

KEY MAP
SCALE 1:200

GROUND COVER LEGEND

☐	TURF GRASS, TYP.
▨	LANDSCAPE BED WOOD MULCH, TYP.
▩	RIVER ROCK, TYP.
┈┈	SPADE CUT EDGE

S:\01 PROJECTS\MULTI-FAMILY\4024 SUMMIT SQUARE 3\PERMIT SET 90% CDS\PLANS\01_SITE PLANS\L-0200 LANDSCAPE PLAN - DETAILED.DWG

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SP PROJECT #:
4024
JAMES KRAATZ PLA
2020005159

LANDSCAPE PLAN - DETAILED

TRILOGY
APARTMENT COMPLEX
PERMIT SET
LEE'S SUMMIT, JACKSON COUNTY, MO

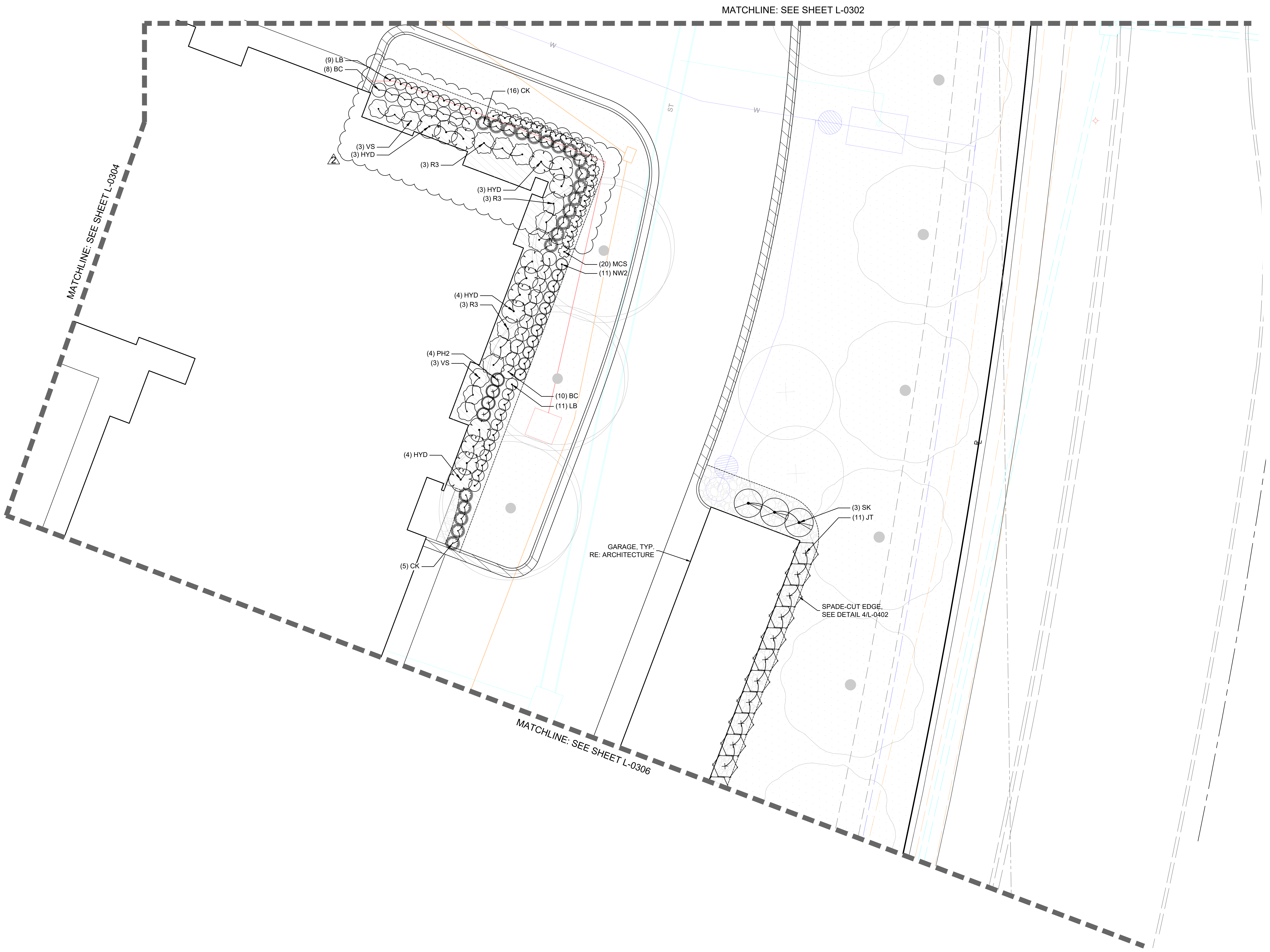
Certificate of Authority #:MO 2020018354

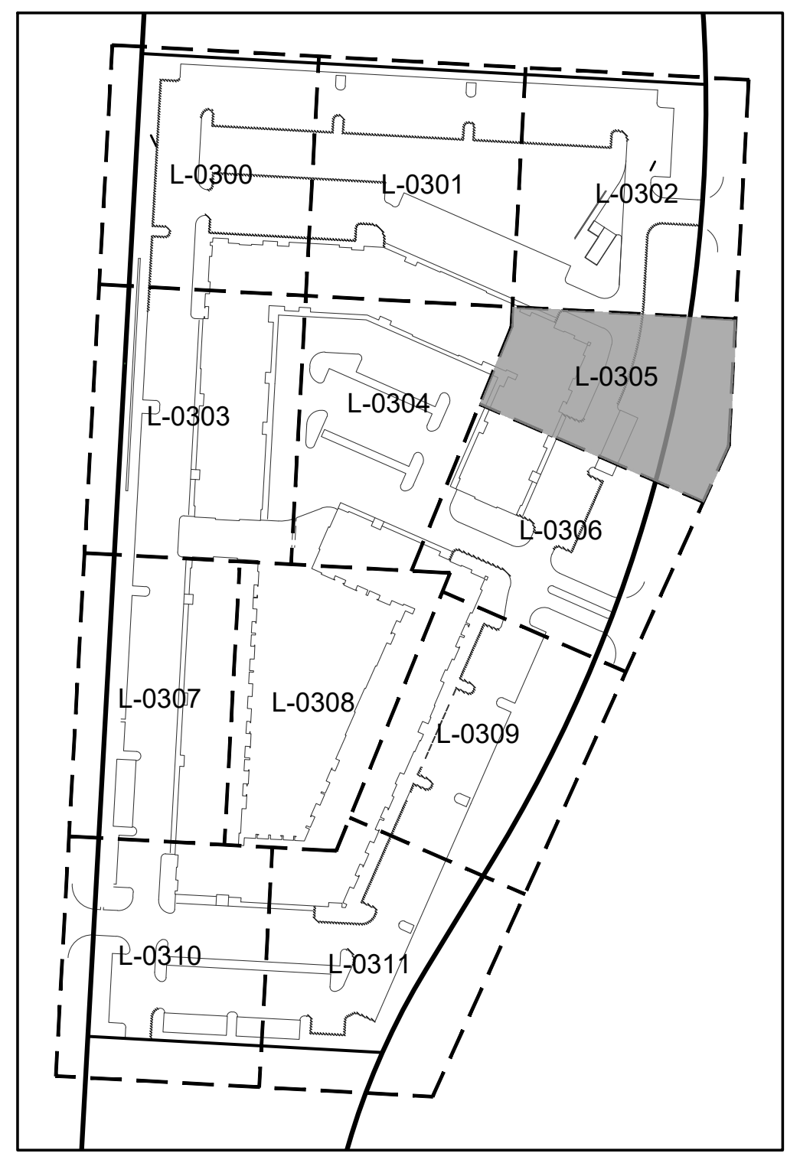
SHEET #:

L-0303

PLANT SCHEDULE

SHRUBS	CODE	BOTANICAL / COMMON NAME
	BC	Berberis thunbergii 'Crimson Pygmy' / Crimson Pygmy Japanese Barberry
	CR	Cornus sericea / Red Twig Dogwood
	HB2	Hosta x 'Fragrant Bouquet' / Fragrant Bouquet Hosta
	HH	Hosta x 'Halcyon' / Halcyon Hosta
	HYD	Hydrangea macrophylla 'Bailmer' / Endless Summer® Hydrangea
	LHS	Itea virginica 'Henry's Garnet' / Henry's Garnet Sweetspire
	RG	Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac
	CPR	Rosa x 'Flower Carpet Appleblossom' / Flower Carpet® Appleblossom Groundcover Rose
	R3	Rosa x 'Radtko' TM / Double Knock Out Red Rose
	RD	Rosa x 'Radtkopink' TM / Pink Double Knock Out Rose
	MCS	Spiraea japonica 'Walbuma' / Magic Carpet Japanese Spirea
	SL	Spiraea x bumalda 'Little Princess' / Little Princess Spirea
	SK	Syringa pubescens patula 'Miss Kim' / Miss Kim Korean Lilac
	VC	Viburnum carlesii / Koreanspice Viburnum
	VS	Viburnum plicatum tomentosum 'Summer Snowflake' / Summer Snowflake Viburnum
	VV	Viburnum x burkwoodii 'Mohawk' / Mohawk Viburnum
	WB	Weigela florida 'Bramwell' / Fine Wine® Weigela
EVERGREEN	CODE	BOTANICAL / COMMON NAME
	BW	Buxus sinica insularis 'Wintergreen' / Wintergreen Korean Boxwood
	CG	Chamaecyparis pisifera 'Golden Mop' / Golden Mop Threadleaf Sawara Cypress
	JF	Juniperus chinensis 'Sea Green' / Sea Green Juniper
	JT	Juniperus sabina 'Tamariscifolia' / Tamarix Juniper
	JS	Juniperus scopulorum 'Skyrocket' / Skyrocket Juniper
GRASSES	CODE	BOTANICAL / COMMON NAME
	BB	Bouteloua gracilis 'Blonde Ambition' / Blonde Ambition Blue Grama
	CK	Calamagrostis x acutiflora 'Karl Foerster' / Karl Foerster Feather Reed Grass
	LV	Liriope muscari 'Variegata' / Variegated Lilyturf
	MM	Miscanthus sinensis 'Morning Light' / Morning Light Eulalia Grass
	PN	Panicum virgatum 'Northwind' / Northwind Switch Grass
	PS	Panicum virgatum 'Shenandoah' / Shenandoah Switch Grass
	PH2	Pennisetum alopecuroides 'Hameln' / Hameln Fountain Grass
	PB	Pennisetum alopecuroides 'Little Bunny' / Little Bunny Fountain Grass
PERENNIALS	CODE	BOTANICAL / COMMON NAME
	AS	Allium x 'Serendipity' / Serendipity Ornamental Onion
	IV2	Iris virginica / Blue Flag Iris
	LB	Leucanthemum x superbum 'Becky' / Becky Shasta Daisy
	NW2	Nepeta x 'Walker's Low' / Walker's Low Catmint
	SP	Salvia nemorosa / Meadow Sage
	VR	Veronica x 'Reavis' / Crystal River Creeping Speedwell

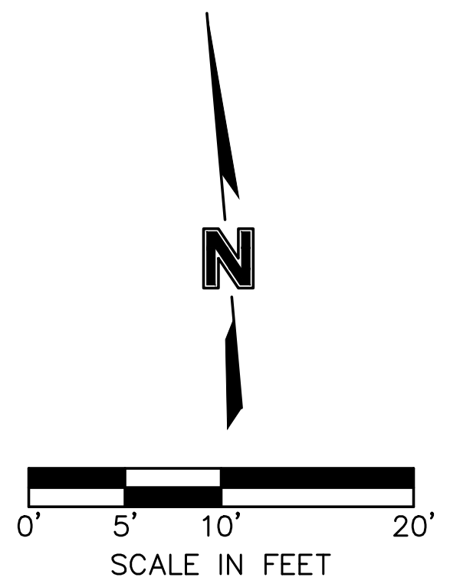




KEY MAP
SCALE 1:200

GROUND COVER LEGEND

☐	TURF GRASS, TYP.
▨	LANDSCAPE BED WOOD MULCH, TYP.
░	RIVER ROCK, TYP.
- - - - -	SPADE CUT EDGE



SITEPOINT
A Division of NorthPoint Development

3315 N Oak Trafficway
Kansas City, MO 64116

816.888.7380
sitepoint@northpointkc.com

DATE:	NO.:	REVISIONS/APPROVALS:
2023.03.15		BUILDING PERMIT
2023.04.11	1	CITY COMMENTS
2023.04.28	2	REVISED PER CITY COMMENTS

REVIEWED BY: J.K.
DESIGNED BY: R.E.B.
DRAFTED BY: R.E.B.
SP PROJECT #: 4024
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LEE'S SUMMIT, JACKSON COUNTY, MO

Certificate of Authority #MO 2020018354

SHEET #:

L-0305

S:\01 PROJECTS\MULTI-FAMILY\4024 SUMMIT SQUARE 3\PERMIT SET 90% CDS\PLANS\01_SITE PLANS\L-0200 LANDSCAPE PLAN - DETAILED.DWG

PLANT SCHEDULE

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BC	Berberis thunbergii 'Crimson Pygmy' / Crimson Pygmy Japanese Barberry
CR	Cornus sericea / Red Twig Dogwood
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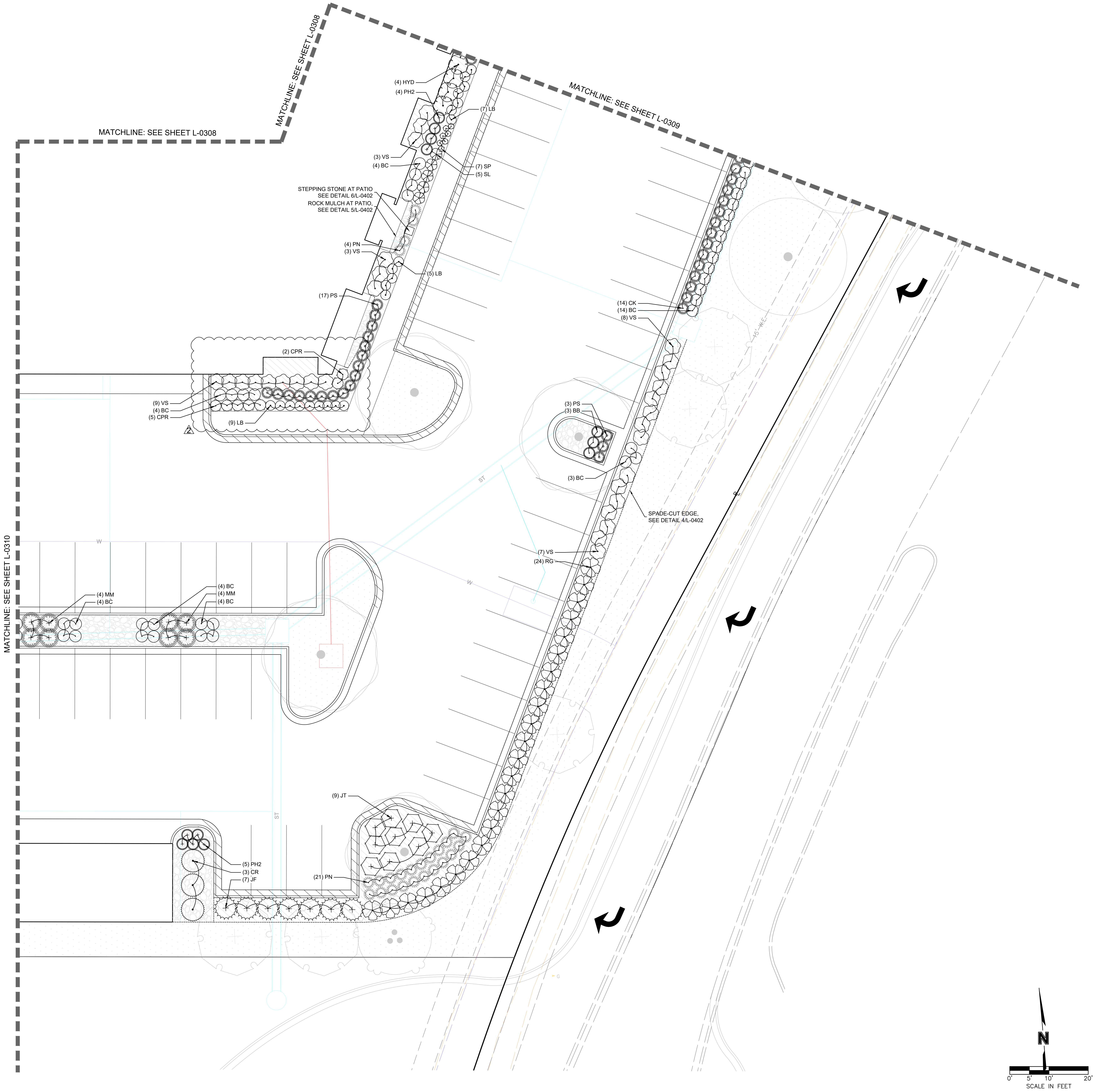

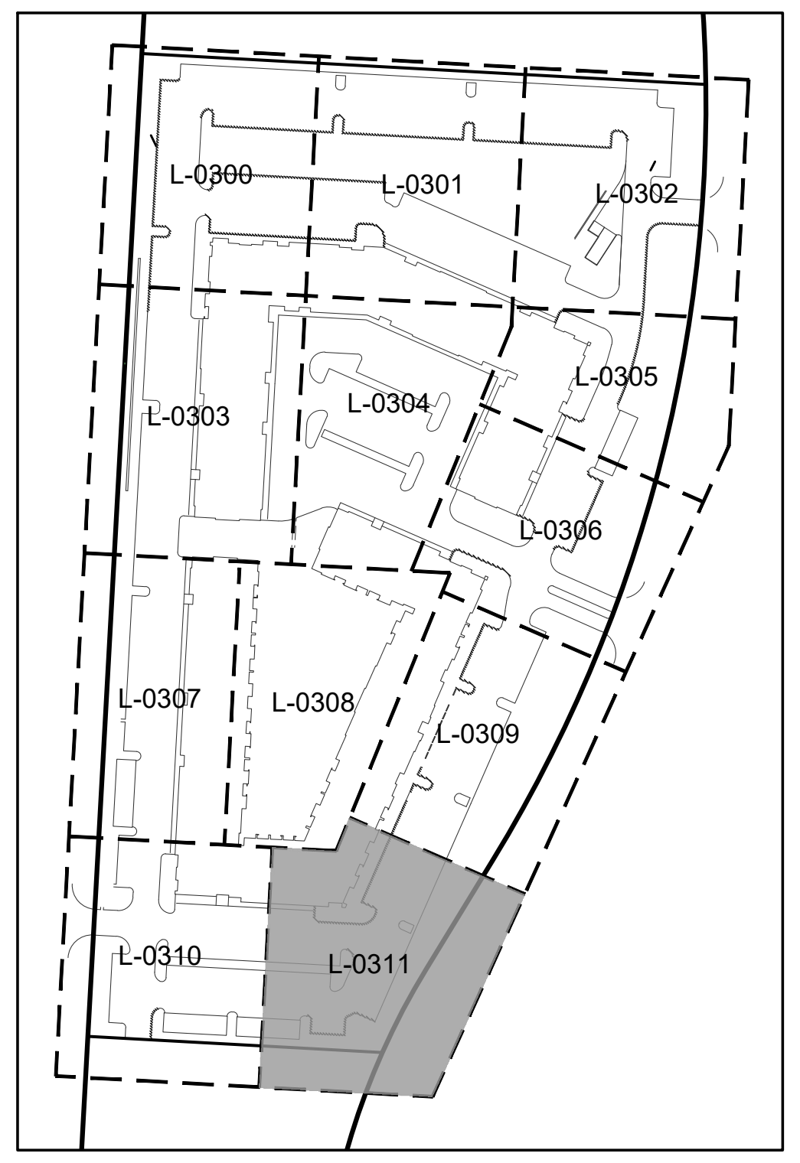

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-------	SPADE CUT EDGE

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FLOOR & ROOF FRAMING NOTES SCHEDULE

MARK	DESCRIPTION
A	18" DP. PRE-ENGINEERED FLOOR TRUSSES @ 24" O.C. (16" O.C. @ SPANS OVER 20'-0" and 16" O.C. W/ DOUBLE TOP & BOT. CHORD AT SPANS OVER 24'-0" OR AS REQUIRED BY TRUSS DESIGN CRITERIA). DESIGN FOR CONCENTRATED LOADS @ OFFSET WALLS ABOVE (RE. 3/S3.11). FINAL FLOOR TRUSS SPACINGS NOTED ABOVE SHALL BE DETERMINED / CONFIRMED BY PRE-ENGINEERED TRUSS MANUFACTURER.
A1	UPSET 1 3/4" x 18" LVL SISTERED TO 18" DP. PRE-ENGINEERED FLOOR TRUSS. CUT OPENINGS IN SIDE OF LVL AS REQ'D FOR MEP PENETRATIONS; MAINTAIN A MINIMUM DEPTH OF 3 1/2" ABOVE & BELOW OPENINGS DESIGN SISTERED FLOOR TRUSS FOR REACTIONS FROM PERPENDICULAR CORRIDOR TRUSSES @ ATTACH TO LVL PER DETAIL 12/S3.11. PROVIDE BEARING STUDS EA. END AS FOLLOWS: LEVEL 3 WALLS: (2) 2x4 LEVEL 2 WALLS: (3) 2x4 LEVEL 1 WALLS: (4) 2x4 BASEMENT WALLS: (4) 2x4
A2	18" DP. PRE-ENGINEERED FLOOR TRUSSES ALIGNED W/ SHEARWALL W/ TENSION TIES PER 1 OR 1A/S3.11. DESIGN TRUSS FOR COMPRESSION FORCE INDICATED
B1	PRE-ENGINEERED ROOF TRUSSES @ 24" O.C. (REFER TO ARCH. DWG's FOR SCHEMATIC TRUSS PROFILES). PROVIDE HOLDOWN EA. END PER DETAIL 1/S3.21 (U.N.O.) OR TRUSS TO TRUSS CONNECTION PER TRUSS SUPPLIER
B2	2x12's @ 16" O.C. W/ TAPERED 2x's ATOP. SLOPE TO INTERNAL ROOF DRAIN PER ARCH. COORDINATE JOIST SPACING W/ DRAIN LOCATION.
B3	PRE-ENGINEERED ROOF TRUSSES @ 24" O.C. ROTATED PERPENDICULAR TO EXT. WALL (REFER TO ARCH. DWG's FOR SCHEMATIC TRUSS PROFILES). PROVIDE HOLDOWN EA. END PER DETAIL 1/S3.21 (U.N.O.) OR TRUSS TO TRUSS CONNECTION PER TRUSS SUPPLIER
B4	PRE-ENGINEERED ROOF TRUSSES @ 24" O.C. (RE: ARCH. FOR SLOPE) OVER CORRIDOR. PROVIDE HEADER TRUSS EA. SIDE OF ROOF DRAINS W/ TRUSS TO TRUSS CONNECTION BY TRUSS SUPPLIER
B5	2x10 ROOF JOISTS @ 16" O.C. OVER ELEVATOR SHAFT W/ SIMPSON LUS210 TO 2x10 LEDGER EA. END. PROVIDE CEILING FRAMING & RATED CEILING ASSEMBLY PER ARCH. DWG's. RE: 8/S3.20
C1	W8x24 ELEVATOR HOIST BEAM. RE: 8/S3.20 @ BEARING EA. END.
D1	2x10 TREATED SOUTHERN YELLOW PINE NO. 2 GRADE BALCONY JOISTS (TOP OF JOIST = TOP OF TRUSS ELEVATION - 6 3/4") @ 16" O.C. W/ SIMPSON LUS28 JOIST HANGER TO SUPPORT(S). PROVIDE RIPPED & TAPERED 2x ATOP EACH JOIST TO SLOPE BALCONY DECK TO DRAIN (RE: ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS)
D2	2x12 TREATED SOUTHERN YELLOW PINE NO. 2 GRADE BALCONY JOISTS (TOP OF JOIST = TOP OF TRUSS ELEVATION - 6 3/4") @ 16" O.C. (PROVIDE DOUBLE JOIST ALIGNED W/ INNER EDGE OF PILASTER ABOVE WHERE OCCURS W/ SIMPSON LUS210-2) W/ SIMPSON LUS28 JOIST HANGER TO SUPPORT(S). PROVIDE RIPPED & TAPERED 2x ATOP EACH JOIST TO SLOPE BALCONY DECK TO DRAIN (RE: ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS)

2

FOOTING SCHEDULE

2

TYPE:	WIDTH:	LENGTH:	DEPTH:	REINFORCING:
SF-2.5	2'-6"	CONT.	14"	REINFORCING PER DETAIL 2A/S3.03
SF-3.0	3'-0"	CONT.	14"	REINFORCING PER DETAIL 2B/S3.03
SF-3.0B	3'-0"	CONT.	12"	REINFORCING PER DETAIL 5/S3.04 (OCCURS @ TRASH ENCLOSURE)
SF-4.0	4'-0"	CONT.	12"	REINFORCING PER DETAIL 1/S3.03 (OCCURS @ 4/5 SPLIT FOUNDATION WALL ONLY)
SF-5.5	5'-6"	CONT.	14"	REINFORCING PER DETAIL 2C/S3.03
SF-7.0	7'-0"	CONT.	16"	REINFORCING PER DETAIL 2D/S3.03
TS-1.5	1'-6" (WIDTH @ BASE)	CONT.	8"	THICKENED SLAB W/ (3) #4 CONT. BOT.
TS-2.0	2'-0" (WIDTH @ BASE)	CONT.	8"	THICKENED SLAB W/ (3) #4 CONT. BOT.
TS-2.5	2'-6" (WIDTH @ BASE)	CONT.	8"	THICKENED SLAB W/ (3) #4 CONT. BOT.
TS-3.0	3'-0" (WIDTH @ BASE)	CONT.	8"	THICKENED SLAB W/ (3) #4 CONT. BOT.
TS-3.0B	3'-0" (WIDTH @ BASE, LOW)	CONT.	12"	THICKENED SLAB W/ (4) #4 CONT. BOT. (OCCURS @ SEG. B / CLUB S.O.G. STEP ONLY)
TS-3.5	3'-6" (WIDTH @ BASE)	CONT.	8"	THICKENED SLAB W/ (3) #4 CONT. BOT.
GB-1.0	1'-0"	CONT.	2'-8"	#3 STIRRUPS @ 24" O.C. W/ (2) #4 CONT. TOP & BOT.
GB-1.0B	1'-0"	CONT.	3'-8"	#3 STIRRUPS @ 24" O.C. W/ (2) #4 CONT. TOP & BOT.
GB-1.0C	1'-0"	CONT.	2'-8"	#4 @ 12" O.C. HORIZ. W/ #4 DOWELS @ 16" O.C. (2'-0" Lg. HK. INTO SLAB)
GB-1.0D	1'-0"	CONT.	3'-8"	#4 @ 12" O.C. HORIZ. W/ #4 DOWELS @ 16" O.C. (2'-0" Lg. HK. INTO SLAB)
GB-1.5	1'-6"	CONT.	2'-8"	#3 STIRRUPS @ 24" O.C. W/ (3) #4 CONT. TOP & BOT.
GB-1.6	1'-6"	CONT.	3'-8"	#3 STIRRUPS @ 24" O.C. W/ (3) #4 CONT. TOP & BOT.
GB-2.0	2'-0"	CONT.	2'-8"	#3 STIRRUPS @ 24" O.C. W/ (3) #5 CONT. TOP & BOT.
GB-2.0B	2'-0"	CONT.	3'-8"	#3 STIRRUPS @ 24" O.C. W/ (3) #5 CONT. TOP & BOT.
GB-2.5	2'-6"	CONT.	2'-8"	#3 STIRRUPS @ 24" O.C. W/ (3) #5 CONT. TOP & BOT.
GB-3.0	3'-0"	CONT.	2'-8"	#3 STIRRUPS @ 24" O.C. W/ (4) #5 CONT. TOP & BOT.
GB-3.9	3'-9"	CONT.	2'-8"	#3 STIRRUPS @ 24" O.C. W/ (5) #5 CONT. TOP & BOT.
F-2.5	2'-6"	2'-6"	1'-0" **	(4) #4 @ 8" O.C. EA. WAY BOT.
F-3.0	3'-0"	3'-0"	1'-0" **	(4) #4 @ 8" O.C. EA. WAY BOT.
F-3.5	3'-6"	3'-6"	1'-0" **	(5) #4 @ 8" O.C. EA. WAY BOT.
F-4.0	4'-0"	4'-0"	1'-0" **	(6) #4 @ 8" O.C. EA. WAY BOT.
F-4.5	4'-6"	4'-6"	1'-0" **	(7) #4 @ 8" O.C. EA. WAY BOT.
F-4.6C	4'-6"	6'-0"	1'-0"	(3) #4 TOP & (6) #4 BOT. LEFT / RIGHT; (3) #4 TOP & (6) #4 BOT. MIDDLE (RE: NOTE 6.)
F-4.7C	4'-9"	6'-0"	1'-0"	(3) #4 TOP & (6) #4 BOT. LEFT / RIGHT; (3) #4 TOP & (6) #4 BOT. MIDDLE (RE: NOTE 6.)
F-5.0	5'-0"	5'-0"	1'-0" **	(7) #4 @ 8" O.C. EA. WAY BOT.
F-5.5	5'-6"	5'-6"	1'-0" **	(8) #4 @ 8" O.C. EA. WAY BOT.
F-6.0	6'-0"	6'-0"	1'-0" **	(9) #4 @ 8" O.C. EA. WAY BOT.
F-6.5	6'-6"	6'-6"	1'-4" **	(10) #5 @ 8" O.C. EA. WAY BOT.
F-7.0	7'-0"	7'-0"	1'-4" **	(10) #5 @ 8" O.C. EA. WAY BOT.
F-7.5	7'-6"	7'-6"	1'-4" **	(11) #5 @ 8" O.C. EA. WAY BOT.
F-8.0	8'-0"	8'-0"	1'-6" **	(12) #5 @ 8" O.C. EA. WAY BOT.
F-8.5	8'-6"	8'-6"	1'-6" **	(13) #5 @ 8" O.C. EA. WAY BOT.
F-2.5E	2'-6"	2'-6"	2'-8"	(3) #4 @ 8" O.C. EA. WAY BOT.
F-3.0E	3'-0"	3'-0"	2'-8"	(4) #4 @ 8" O.C. EA. WAY BOT.
F-3.5E	3'-6"	3'-6"	2'-8"	(5) #4 @ 8" O.C. EA. WAY BOT.
F-4.0E	4'-0"	4'-0"	2'-8"	(6) #4 @ 8" O.C. EA. WAY BOT.
F-4.5E	4'-6"	4'-6"	2'-8"	(7) #4 @ 8" O.C. EA. WAY BOT.
F-5.0E	5'-0"	5'-0"	2'-8"	(7) #4 @ 8" O.C. EA. WAY BOT.
F-5.5E	5'-6"	5'-6"	2'-8"	(8) #4 @ 8" O.C. EA. WAY BOT.
F-6.5E	6'-6"	6'-6"	2'-8"	(10) #5 @ 8" O.C. EA. WAY BOT.
F-7.0E	7'-0"	7'-0"	2'-8"	(10) #5 @ 8" O.C. EA. WAY BOT.
F-8.5E	8'-6"	8'-6"	2'-8"	(13) #5 @ 8" O.C. EA. WAY BOT.

NOTES:

1. EXTERIOR FOOTINGS OR FOOTING @ GRADE BEAM SHALL MATCH GRADE BEAM DEPTH & BE PLACED W/ GRADE BEAM. PROVIDE SPECIFIED REBAR TOP & BOT. W/ (4) STANDEES TO SUPPORT MATS.
2. CENTER FOOTINGS ON COLUMNS &/OR WALL CENTER LINES PER PLAN U.N.O.
3. REFER TO SECTION 6/S3.01 @ INTERIOR FOOTINGS.
4. ABBREVIATIONS:
   SF = CONTINUOUS STRIP FOOTING.
   TS = CONTINUOUS THICKENED SLAB.
   GB = CONTINUOUS GRADE BEAM.
   F = SPREAD FOOTING (OR ISOLATED FOOTING).
5. FOOTING DEPTHS NOTED W/ " ** " ARE TO BE MIN. 1'-4" Dp. (OR LARGER DEPTH AS NOTED IN SCHED.) @ SEGMENT B / CLUB FOOTINGS (AS / WHERE OCCURS). COORDINATE FINAL FOOTING DEPTHS W/ REQ'D ANCHOR BOLT EMBEDMENTS & ADJUST FOOTING DEPTHS ACCORDINGLY.
6. FOOTINGS THAT CONTAIN A "C" (F-X.XC) INDICATE A "COMBINED" FOOTING TYPE (A FOOTING THAT CARRIES (2) POINT LOADS). PROVIDE 28 1/2" LAP SPLICE @ OVERLAP BTWN. MIDDLE REINF. (BTWN. POINT LOADS) & OUTER REINF. (LEFT & RIGHT OF POINT LOADS). PROVIDE 3" CLR. COVER TOP & BOT., TYP.

FLOOR & ROOF FRAMING JACK & KING STUDS FOR HEADERS SCHEDULE - FOR 2x6 WALLS

WIDTH / CONDITION	# OF (J) JACK STUDS & # OF (K) KING STUDS					NOTES
	BASEMENT WALLS	1ST FLR. WALLS	2ND FLR. WALLS	3RD FLR. WALLS	4TH FLR. WALLS	
0'-0" TO 3'-6"	1 (J) / 2 (K)	1 (J) / 1 (K)	1 (J) / 1 (K)	1 (J) / 1 (K)	1 (J) / 1 (K)	USE JACK STUDS PER TABLE U.N.O. PER PLAN
3'-7" TO 4'-6"	1 (J) / 3 (K)	1 (J) / 2 (K)	1 (J) / 2 (K)	1 (J) / 1 (K)	1 (J) / 1 (K)	USE JACK STUDS PER TABLE U.N.O. PER PLAN
4'-7" TO 5'-6"	1 (J) / 3 (K)	1 (J) / 2 (K)	1 (J) / 2 (K)	1 (J) / 2 (K)	1 (J) / 2 (K)	USE JACK STUDS PER TABLE U.N.O. PER PLAN
5'-7" TO 6'-6"	2 (J) / 3 (K)	2 (J) / 2 (K)	2 (J) / 2 (K)	2 (J) / 2 (K)	2 (J) / 2 (K)	USE JACK STUDS PER TABLE U.N.O. PER PLAN
6'-7" TO 7'-0"	N/A	2 (J) / 3 (K)	2 (J) / 3 (K)	2 (J) / 3 (K)	2 (J) / 3 (K)	USE JACK STUDS PER TABLE U.N.O. PER PLAN
7'-0" TO 11'-0"	N/A	3 1/2" x 5 1/2" 28F-E1 SP/SP (U) GLULAM (J) / 4 (K)	3 1/2" x 5 1/2" 28F-E1 SP/SP (U) GLULAM (J) / 4 (K)	N/A	N/A	USE JACK STUDS PER TABLE U.N.O. PER PLAN
GARAGE DOOR OPENINGS	2 (J) / 3 (K)	2 (J) / 3 (K)	N/A	N/A	N/A	USE JACK STUDS PER TABLE U.N.O. PER PLAN
CANTILEVERED BALCONY MEMBERS	5 1/2" x 5 1/2" 28F-E1 SP/SP (U) GLULAM (J)	5 1/2" x 5 1/2" 28F-E1 SP/SP (U) GLULAM (J)	3 1/2" x 5 1/2" 28F-E1 SP/SP (U) GLULAM (J)	(3) 2x6 (J)	(3) 2x6 (J)	USE STUD PACKS STUDS PER TABLE U.N.O. PER PLAN

NOTES:

1. EXTERIOR HEADERS @ EA. FLOOR PERMITTED TO USE (2) 2x6 JACK STUDS U.N.O. ON TABLE ABOVE OR PER PLANS.

FLOOR & ROOF FRAMING JACK & KING STUDS FOR HEADERS SCHEDULE - FOR 2x4 WALLS

WIDTH / CONDITION	# OF (J) JACK STUDS & # OF (K) KING STUDS					NOTES
	BASEMENT WALLS	1ST FLR. WALLS	2ND FLR. WALLS	3RD FLR. WALLS	4TH FLR. WALLS	
0'-0" TO 3'-6"	2 (J) / 2 (K)	2 (J) / 1 (K)	2 (J) / 1 (K)	2 (J) / 1 (K)	2 (J) / 1 (K)	USE JACK STUDS PER TABLE U.N.O. PER PLAN
3'-7" TO 4'-6"	3 (J) / 3 (K)	3 (J) / 2 (K)	3 (J) / 2 (K)	3 (J) / 1 (K)	2 (J) / 1 (K)	USE JACK STUDS PER TABLE U.N.O. PER PLAN
4'-7" TO 5'-6"	3 (J) / 3 (K)	3 (J) / 2 (K)	3 (J) / 2 (K)	3 (J) / 2 (K)	2 (J) / 2 (K)	USE JACK STUDS PER TABLE U.N.O. PER PLAN
5'-7" TO 6'-6"	3 (J) / 3 (K)	3 (J) / 2 (K)	3 (J) / 2 (K)	3 (J) / 2 (K)	2 (J) / 2 (K)	USE JACK STUDS PER TABLE U.N.O. PER PLAN
6'-7" TO 7'-0"	5 (J) / 3 (K)	4 (J) / 3 (K)	4 (J) / 3 (K)	4 (J) / 3 (K)	2 (J) / 3 (K)	USE JACK STUDS PER TABLE U.N.O. PER PLAN
7'-0" TO 11'-0"	3 1/2" x 5 1/2" 28F-E1 SP/SP (U) GLULAM (J) / 4 (K)	3 1/2" x 5 1/2" 28F-E1 SP/SP (U) GLULAM (J) / 4 (K)	3 1/2" x 5 1/2" 28F-E1 SP/SP (U) GLULAM (J) / 4 (K)	N/A	N/A	USE JACK STUDS PER TABLE U.N.O. PER PLAN
GARAGE DOOR OPENINGS	N/A	N/A	N/A	N/A	N/A	USE JACK STUDS PER TABLE U.N.O. PER PLAN

STRUCTURAL DECK & SLAB SCHEDULE

MARK	DESCRIPTION
3/4" FD	3/4" GYPCRETE ATOP 23/32" T&G APA RATED SHEATHING. SHEATHING SHALL BE GLUED & NAILED W/ 8d RING SHANK NAILS OR #10 SCREWS @ 6" O.C. @ EDGES & 12" O.C. @ FIELD
3" TS	3" LIGHT-WEIGHT CONCRETE TOPPING SLAB (RE: ARCH.) REINFORCED W/ 6x6-W3.5xW3.5 WWF, ATOP DRAINAGE MAT (PER ARCH.), ATOP WATERPROOFING MEMBRANE (PER ARCH.), ATOP 15/32" EXTERIOR GRADE PLYWOOD SHEATHING (SLOPE PER ARCH.). PROVIDE 1" TOOLED CONTROL JOINT (TRANSVERSE DIRECTION) @ MIDSPAN OF SINGLE BAY BALCONIES OR THIRD POINTS OF TWO BAY BALCONIES (EA. WAY @ LARGER DECKS), 8'-0" MAX. SPACING. FILL JOINT WITH SEALANT
4" PT SOG	4" POST TENSION CONCRETE SLAB (AIR ENTRAINED @ ANCILLARY BUILDINGS), ATOP 15 MIL VAPOR BARRIER, ATOP 4" GRANULAR LEVELING COURSE, ATOP 8" SUITABLE LVC SUBGRADE MATERIAL PER GEOTECH REPORT
8" PT SOG APRON	8" POST TENSION CONCRETE APRON SLAB (AIR ENTRAINED), ATOP 4" GRANULAR LEVELING COURSE, ATOP 8" SUITABLE LVC SUBGRADE MATERIAL PER GEOTECH REPORT
4" EXT SOG	4" CONCRETE SLAB (AIR ENTRAINED), ATOP 4" GRANULAR LEVELING COURSE, ATOP SUITABLE SUBGRADE MATERIAL PER GEOTECH REPORT. REINFORCE SLAB W/ #4 @ 16" O.C. EA. WAY MID-DEPTH. T/SLAB ELEVATION VARIES W/ SLOPE. RE: ARCHITECTURAL/CIVIL DRAWINGS
5/8" RD	19/32" APA RATED SHEATHING ATTACHED WITH 8d NAILS OR #10 SCREWS (SCREWS REQ'D AT TPO/LOW SLOPED ROOFS) @ 6" O.C. @ EDGES & 12" O.C. @ FIELD

NOTES:

1. FD = FLOOR DECK TYPE
2. TS = TOPPING SLAB TYPE
3. SOG = SLAB-ON-GRADE TYPE
4. RD = ROOF DECK TYPE
5. PT = POST TENSION

2

FLOOR & ROOF FRAMING HEADERS SCHEDULE

MARK	HEADER	NOTES
HR1	(2) 2 x 8	
HR2	(3) 2 x 8	
HR3	(2) 2 x 10	
HR4	(2) 2 x 12	
HR5	(3) 2 x 12	
HR6	1 1/4" x 18" LSL RIM W/ (2) 2 x 8	
HR7	1 1/4" x 18" LSL RIM W/ (2) 2 x 12	
HR8	1 1/4" x 18" LSL RIM W/ (2) 1 3/4" x 11 7/8" LVL	NOTCH LSL @ INTERSECTING HEADER (USE CONCEALED FLANGE HANGER). RE: 4A/S3.10
HR9	1 1/4" x 18" LSL RIM W/ (2) 1 3/4" x 18" LVL	
HR10	(2) 1 3/4" x 9 1/4" LVL	
HR11	(2) 1 3/4" x 11 7/8" LVL	
HR12	(2) 1 3/4" x 18" LVL	
HR13	GIRDER TRUSS	
HR14	1 1/4" x 18" LSL RIM W/ (3) 1 3/4" x 18" LVL	NOTE 9.

NOTES:

1. JAMB STUDS SHALL MATCH SIZE & GRADE OF WALL STUDS, U.N.O.
2. WHERE BEAM IS DESIGNATED AS UPSET (W/ "u"), ALL JAMB STUDS NOTED WILL EXTEND TO DOUBLE TOP PLATE.
3. ALL EXTERIOR FRAMING TO BE TREATED.
4. PROVIDE SQUASH BLOCKS @ TRUSSES & BLOCKING @ FRAMING WHERE JAMBS OR STUD PACKS ARE DISCONTINUOUS. QUANITITY TO MATCH JAMB OR STUD PACK ABOVE. RE: 7 & 7A/S0.06.
5. PROVIDE 1/2" PLYWOOD SPACER PLATES @ INTERIOR HEADERS CONSTRUCTED W/ 2x FRAMING (RE: 5B/S0.04). PROVIDE PLYWOOD SPACERS @ ROOF TRUSS BEARING HEADERS FOR HOLDOWN INSTALLATION.
6. RE: DETAIL 5A OR 5B/S0.04 FOR MULTI-PLY MEMBER CONNECTION REQUIREMENTS.
7. ATTACH JAMB & KING STUDS TOGETHER PER DETAILS 4 & 5/S0.04.
8. PROVIDE (2) KING STUDS MIN. WHEN PL. HEIGHT > 9'. WHERE TRANSOM WINDOWS OCCUR, PROVIDE INTERMEDIATE GIRT PER SECTIONS BTWN. FULL HEIGHT JAMB STUDS.
9. WHERE SHEARWALL ATS ROD(S) TIE INTO BEAM, UTILIZE 28F-E2 SP/SP (B) GLULAM OF EQUIVALENT SIZE TO THE MULTIPLE LVL's SPECIFIED IN SCHEDULE.
10. REFER TO COL. & KING STUDS SCHEDULES FOR JACK & KING STUD REQUIREMENTS.
11. HEADERS TO BE TREATED WHERE OCCURS BELOW BALCONY FRAMING, TYP.

2

2

FLOOR & ROOF FRAMING BEAMS SCHEDULE

MARK	BEAM SIZE	BEAM SPECIFICATIONS	BEAM END BEARING / GENERAL BEARING CONDITIONS
uB1	5 1/2" x 11 1/4"	24F-V5M1 SP/SP (B), TREATED	UPSET WITHIN BALCONY FRMG., W/ HANGER EA. END
uB2	3 1/2" x 11 7/8"	28F-E2 SP/SP (B), TREATED	UPSET WITHIN FLOOR FRMG., CANTILEVERED, W/ 14'-0" Lg. BACK-SPAN FROM EXTERIOR FACE OF BALCONY BACK WALL FRMG. INFILL BLOCKING ATOP BEAM AS REQ'D @ INTERIOR FLOOR FRMG.
uB3	(2) 2x12	TREATED SOUTHERN YELLOW PINE, NO. 2 GRADE	UPSET WITHIN FLOOR FRMG., CANTILEVERED, W/ INVERTED HANGER CONN. TO INTERIOR BEAM @ ABOVE GARAGES --OR-- W/ MIN. 2:1 BACK-SPAN (5'-4":2'-8" TYP.) LENGTH REQ'D @ ABOVE PATIOS. INFILL BLOCKING ATOP BEAM AS REQ'D @ INTERIOR FLOOR FRMG.
uB4	7" x 18"	30F-E2 SP/SP (B), NOT TREATED	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ EA. END
uB5	(1) 2x12	TREATED SOUTHERN YELLOW PINE, NO. 2 GRADE	UPSET WITHIN BALCONY FRMG. @ OUTER EDGE
uB6	W16x26	WIDE-FLANGE STEEL BEAM	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ MIDDLE SPAN & @ EA. END --OR-- UPSET HEADER CONDITION W/ FULL WALL BRG. ON STUD PACKS @ EA. END.
uB7	7" x 18"	30F-V5M1 SP/SP (B), NOT TREATED	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ MIDDLE SPAN & @ EA. END
B8	5 1/2" x 11 7/8"	24F-V5M1 SP/SP (B), TREATED	DOWNSET BELOW BALCONY FRMG., W/ FULL WALL BRG. ON STUD PACKS @ EA. END
uB9	3 1/2" x 11 1/4"	24F-V5M1 SP/SP (B), TREATED	UPSET WITHIN FLOOR FRMG., CANTILEVERED, W/ MIN. 2:1 (5'-4":2'-8" TYP.) BACK-SPAN LENGTH REQ'D @ TYP. BALCONY --OR-- W/ INVERTED HANGER CONN, TO INTERIOR BEAM @ ABOVE GARAGE
uB10	(2) 2x12	TREATED SOUTHERN YELLOW PINE, NO. 2 GRADE	UPSET WITHIN FLOOR FRMG., CANTILEVERED W/ MIN. 2:1 (5'-4":2'-8" TYP.) BACK-SPAN LENGTH REQ'D. INFILL BLOCKING ATOP BEAM AS REQ'D @ INTERIOR FLOOR FRMG.
uB11	(2) 2x12	TREATED SOUTHERN YELLOW PINE, NO. 2 GRADE	UPSET WITHIN BALCONY FRMG., W/ HANGER CONN. @ EA. END
uB12	(3) 2x12	TREATED SOUTHERN YELLOW PINE, NO. 2 GRADE	UPSET WITHIN BALCONY FRMG., W/ HANGER CONN. @ EA. END
uB13	3 1/2" x 11 1/4"	24F-V5M1 SP/SP (B), TREATED	UPSET WITHIN BALCONY FRMG., W/ HANGER CONN. @ EA. END (SKEWED HANGER @ END THAT CONNECTS TO STEEL BEAM)
uB14	W10x19 CONT.	WIDE-FLANGE STEEL BEAM	UPSET WITHIN FLOOR FRMG., CANTILEVERED, W/ FULL WALL BRG. ON STUD PACKS @ END, @ (1) MID-SPAN PORTION, & @ EXTERIOR WALL NEAR CANTILEVERED END
uB15	W12x26	WIDE-FLANGE STEEL BEAM	UPSET WITHIN FLOOR FRMG., W/ SKEWED BOLTED CONN. TO STEEL BEAM @ END & FULL WALL BRG. ON STUD PACKS @ OPPOSITE END. PROVIDE FULL WIDTH x WEB DEPTH BLOCKING AS REQ'D FOR BALCONY LEDGER ATTACHMENT @ EXTERIOR, RE: 7/S0.20
uB16	W12x72	WIDE-FLANGE STEEL BEAM	UPSET WITHIN FLOOR FRMG., CANTILEVERED, W/ SKEWED BOLTED CONN. TO STEEL BEAM @ END & FULL WALL BRG. ON STUD PACKS @ EXTERIOR WALL NEAR CANTILEVERED END
uB17	W12x14	WIDE-FLANGE STEEL BEAM	UPSET WITHIN FLOOR FRMG., W/ SKEWED BOLTED CONN. TO STEEL BEAM @ EA. END. PROVIDE FULL WIDTH x WEB DEPTH BLOCKING AS REQ'D FOR BALCONY LEDGER ATTACHMENT @ EXTERIOR, RE: 7/S0.20
uB18	W12x50	WIDE-FLANGE STEEL BEAM	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ END & SKEWED BOLTED CONN. TO STEEL BEAM @ OPPOSITE END. BEAM uB16 INTERSECTS THIS BEAM W/ A SKEWED BOLTED CONN.
uB19	W12x19 CONT.	WIDE-FLANGE STEEL BEAM	UPSET WITHIN FLOOR FRMG., CANTILEVERED, W/ FULL WALL BRG. ON STUD PACKS @ END & @ EXTERIOR WALL NEAR CANTILEVERED END, W/ ADDT'L SUPPORT VIA STEEL COLUMNS @ (2) MID-SPAN PORTIONS
uB20	5 1/4" x 18"	LVL, NOT TREATED	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ ONE END & SKEWED HANGER CONN. TO STEEL BEAM @ OPPOSITE END OR W/ FULL WALL BRG. ON STUD PACKS @ OPPOSITE END
B21	W12x45 --OR-- HSS 12 x 8 x 5/8	WIDE-FLANGE BEAM --OR-- HSS (A500 GR. B)	DOWNSET BELOW BALCONY FRMG., FULL WALL BRG. ON STUD PACKS EA. END
uB22	3 1/2" x 11 1/4"	24F-V5M1 SP/SP (B), TREATED	UPSET WITHIN BALCONY FRMG., FULL WALL BRG. ON STUD PACKS EA. END
uB23	3 1/2" x 11 1/4"	24F-V5M1 SP/SP (B), TREATED	UPSET WITHIN FLOOR FRMG., CANTILEVERED, W/ MIN. 2:1 (10'-0":5'-0" TYP.) BACK-SPAN LENGTH REQ'D @ TYP. INSET CORNER BALCONY
uB24	(3) 2x12	TREATED SOUTHERN YELLOW PINE, NO. 2 GRADE	UPSET WITHIN BALCONY FRMG., W/ SKEWED HANGER CONN. @ EA. END
uB25	5 1/2" x 11 1/4"	30F-E2 SP/SP (B), TREATED	UPSET WITHIN FLOOR FRMG., CANTILEVERED, W/ 16'-0" Lg. BACK-SPAN FROM EXTERIOR FACE OF BALCONY BACK WALL FRMG. INFILL BLOCKING ATOP BEAM AS REQ'D @ INTERIOR FLOOR FRMG.
uB26	5 1/2" x 11 1/4"	30F-E2 SP/SP (B), TREATED	UPSET WITHIN FLOOR FRMG., CANTILEVERED, W/ 16'-0" Lg. BACK-SPAN FROM EXTERIOR FACE OF BALCONY BACK WALL FRMG., W/ HANGER CONN. TO INTERIOR BEAM. PROVIDE STUD PACK BRG. @ EXTERIOR WALL DOWN TO TOP OF WINDOW HEADER SUPPORT NEAR CANTILEVERED END
uB27	7" x 11 1/4"	30F-E2 SP/SP (B), TREATED	UPSET WITHIN FLOOR FRMG., CANTILEVERED, W/ 15'-0" Lg. BACK-SPAN FROM EXTERIOR FACE OF BALCONY BACK WALL FRMG., W/ HANGER CONN. TO INTERIOR BEAM. PROVIDE STUD PACK BRG. @ EXTERIOR WALL DOWN TO TOP OF WINDOW HEADER SUPPORT NEAR CANTILEVERED END
uB28	3 1/2" x 11 1/4"	30F-E2 SP/SP (B), TREATED	UPSET WITHIN FLOOR FRMG., CANTILEVERED, W/ 15'-0" Lg. BACK-SPAN FROM EXTERIOR FACE OF BALCONY BACK WALL FRMG. INFILL BLOCKING ATOP BEAM AS REQ'D @ INTERIOR FLOOR FRMG.
uB29	3 1/2" x 11 1/4"	LVL, NOT TREATED	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ EA. END. PROVIDE HANGER SUPPORT NEAR MID-SPAN FOR SUPPORT OF uB27 CANTILEVERED BEAM
uB30	7" x 9 1/2"	30F-E2 SP/SP (B), NOT TREATED	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ EA. END. PROVIDE HANGER SUPPORT NEAR MID-SPAN FOR SUPPORT OF uB26 CANTILEVERED BEAM
B31	W12x30 --OR-- HSS 12 x 6 x 1/4	WIDE-FLANGE BEAM --OR-- HSS (A500 GR. B)	DOWNSET BELOW BALCONY FRMG., FULL WALL BRG. ON STUD PACKS EA. END
uB32	5 1/2" x 11 1/4"	30F-E2 SP/SP (B), TREATED	UPSET WITHIN FLOOR FRMG., CANTILEVERED, W/ 14'-0" Lg. BACK-SPAN FROM EXTERIOR FACE OF BALCONY BACK WALL FRMG., W/ HANGER CONN. TO INTERIOR BEAM. PROVIDE STUD PACK BRG. @ EXTERIOR WALL NEAR CANTILEVERED END. INFILL BLOCKING ATOP BEAM AS REQ'D @ INTERIOR FLOOR FRMG.
uB33	5 1/2" x 11 7/8"	30F-E2 SP/SP (B), TREATED	UPSET WITHIN FLOOR FRMG., CANTILEVERED, W/ 14'-0" Lg. BACK-SPAN FROM EXTERIOR FACE OF BALCONY BACK WALL FRMG., W/ HANGER CONN. TO INTERIOR BEAM. PROVIDE STUD PACK BRG. @ EXTERIOR WALL NEAR CANTILEVERED END. INFILL BLOCKING ATOP BEAM AS REQ'D @ INTERIOR FLOOR FRMG.
uB34	5 1/2" x 11 7/8"	30F-E2 SP/SP (B), TREATED	UPSET WITHIN FLOOR FRMG., CANTILEVERED, W/ 14'-0" Lg. BACK-SPAN FROM EXTERIOR FACE OF BALCONY BACK WALL FRMG., W/ HANGER CONN. TO INTERIOR BEAM. PROVIDE STUD PACK BRG. @ EXTERIOR WALL DOWN TO TOP OF WINDOW HEADER NEAR CANTILEVERED END. INFILL BLOCKING ATOP BEAM AS REQ'D @ INTERIOR FLOOR FRMG.
uB35	3 1/2" x 11 1/4"	24F-V5M1 SP/SP (B), TREATED	UPSET WITHIN FLOOR FRMG., CANTILEVERED, W/ 14'-0" Lg. BACK-SPAN FROM EXTERIOR FACE OF BALCONY BACK WALL FRMG. INFILL BLOCKING ATOP BEAM AS REQ'D @ INTERIOR FLOOR FRMG.
uB36	3 1/2" x 9 1/4"	LVL, NOT TREATED	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ EA. END. PROVIDE HANGER SUPPORT FOR SUPPORT OF uB32 & uB33 CANTILEVERED BEAMS --OR-- SUPPORT OF uB34 & uB35 CANTILEVERED BEAMS
uB37	W12x30	WIDE-FLANGE BEAM	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACK @ END W/ SKEWED BOLTED CONN. TO uB38 STEEL BEAM @ OPPOSITE END & SHARED STUD PACK BRG.
uB38	W12x22	WIDE-FLANGE BEAM	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACK @ END W/ SKEWED BOLTED CONN. TO uB37 STEEL BEAM @ OPPOSITE END & SHARED STUD PACK BRG.
uB39	3 1/2" x 18"	LVL, NOT TREATED	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ EA. END, TYP. PROVIDE HANGER SUPPORT FOR SUPPORT OF INTERMEDIATE BEAMS WHERE OCCURS. @ STAIR BEAMS PROVIDE BRG. STUDS AS FOLLOWS: 3RD FLR. WALLS: (2) 2x4 2ND FLR. WALLS: (3) 2x4 1ST FLR. WALLS: (4) 2x4 BASEMENT WALLS: (5) 2x4
uB40	W8 x 24 --OR-- 3 1/2" x 18"	WIDE-FLANGE BEAM --OR-- GLULAM 30F-E1 SP/SP (U), NOT TREATED	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ EA. END, TYP.
uB41	W16x67	WIDE-FLANGE BEAM	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ EA. END, TYP. --OR-- STEEL BEAM BOLTED CONNECTIONS @ EA. END
uB42	7" x 18"	LVL, NOT TREATED	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ END & W/ HANGER CONN. @ OPPOSITE END, W/ INTERSECTING BEAM / HANGER CONNECTIONS TO THIS BEAM PER PLAN
uB43	W8x58 CONT.	WIDE-FLANGE BEAM	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ EA. END & @ INTERMEDIATE BRG. POINTS, W/ INTERSECTING BEAM / HANGER OR STEEL BEAM BOLTED CONNECTION TO THIS BEAM PER PLAN
uB44	5 1/4" x 18"	LVL, NOT TREATED	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ EA. END, W/ INTERSECTING BEAM / HANGER CONNECTIONS TO THIS BEAM PER PLAN
uB45	7" x 18"	LVL, NOT TREATED	UPSET WITHIN FLOOR FRMG., W/ HANGER CONN. @ EA. END
uB46	W12x40	WIDE-FLANGE BEAM	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ EA. END, W/ INTERSECTING BEAM / HANGER CONNECTIONS TO THIS BEAM PER PLAN
uB47	3 1/2" x 18"	LVL, NOT TREATED	UPSET WITHIN FLOOR FRMG., W/ HANGER CONN. @ EA. END
uB48	W10x33	WIDE-FLANGE BEAM	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ END & W/ STEEL BEAM BOLTED CONN. @ OPPOSITE END --OR-- STEEL BEAM BOLTED CONNECTIONS @ EA. END
uB49	W14x38	WIDE-FLANGE BEAM	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ EA. END, W/ INTERSECTING BEAM / HANGER CONNECTIONS TO THIS BEAM PER PLAN
uB50	W16x26	WIDE-FLANGE BEAM	UPSET WITHIN FLOOR FRMG., W/ STEEL BOLTED CONNECTIONS @ EA. END, W/ BRG. @ INTERMEDIATE BRG. POINTS, W/ INTERSECTING STEEL BEAM BOLTED CONNECTIONS TO THIS BEAM PER PLAN
uB51	W12x53	WIDE-FLANGE BEAM	UPSET WITHIN FLOOR FRMG., W/ STEEL BOLTED CONNECTIONS @ EA. END, W/ INTERSECTING STEEL BEAM BOLTED CONN. TO THIS BEAM PER PLAN
uB52	W14x82	WIDE-FLANGE BEAM	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ EA. END, W/ INTERSECTING STEEL BEAM BOLTED CONN. TO THIS BEAM PER PLAN
uB53	W10x45	WIDE-FLANGE BEAM	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ END & W/ STEEL BEAM BOLTED CONN. @ OPPOSITE END, W/ INTERSECTING STEEL BEAM BOLTED CONN. TO THIS BEAM PER PLAN
uB54	W8x24	WIDE-FLANGE BEAM	UPSET WITHIN FLOOR FRMG., W/ STEEL BEAM BOLTED CONN. @ EA. END
uB55	W14x159	WIDE-FLANGE BEAM	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ EA. END, W/ INTERSECTING STEEL BEAM BOLTED CONNECTIONS TO THIS BEAM PER PLAN
uB56	W12x45	WIDE-FLANGE BEAM	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ EA. END, W/ INTERSECTING BEAM / HANGER CONN. TO THIS BEAM PER PLAN --OR-- W/ FULL WALL BRG. ON STUD PACKS @ END & W/ STEEL BEAM BOLTED CONN. @ OPPOSITE END, W/ INTERSECTING BEAM / HANGER & STEEL BEAM BOLTED CONNECTIONS PER PLAN
uB57	W12x22	WIDE-FLANGE BEAM	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ EA. END, W/ INTERSECTING STEEL BEAM BOLTED CONN. TO THIS BEAM PER PLAN
uB58	W10x39	WIDE-FLANGE BEAM	UPSET WITHIN FLOOR FRMG., W/ STEEL BEAM BOLTED CONN. @ EA. END
uB59	W12x26	WIDE-FLANGE BEAM	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ EA. END, W/ INTERSECTING STEEL BEAM BOLTED CONN. TO THIS BEAM PER PLAN
uB60	W12x30	WIDE-FLANGE BEAM	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ END & W/ STEEL BEAM BOLTED CONNECTION @ OPPOSITE END, W/ INTERSECTING STEEL BEAM BOLTED CONN. TO THIS BEAM PER PLAN
uB61	W8x13	WIDE-FLANGE BEAM	UPSET WITHIN FLOOR FRMG., W/ FULL WALL BRG. ON STUD PACKS @ END & W/ STEEL BEAM BOLTED CONNECTION @ OPPOSITE END

NOTES:

1. SEE "FLOOR & ROOF FRAMING HEADERS SCHEDULE" FOR TYPICAL NOTES.
2. REFER TO SEGMENT B / CLUB PLANS FOR STEEL BEAM SIZES & TYPES APPLICABLE TO THAT PORTION OF THE BUILDING.

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REVISIONS

1	23 0411	CITY COMMENTS
2	23 0428	ADD 1 / CC 2

JOB NO.	DATE
PN1129	**03/15/23**
DRAWN BY	
KSE	

4.11.2023
CITY COMMENTS

SHEET NAME
FRAMING, FOOTING & SLAB/DECK SCHEDULES

SHEET NO.
S0.03

ARCH E1 30" x 42"

SHEARWALL SCHEDULE

SHEARWALL TYPE		FLOOR				
		BASEMENT WALLS	1ST FLR. WALLS	2ND FLR. WALLS	3RD FLR. WALLS	4TH FLR. WALLS
SW1	MATERIAL THICKNESS	3/8" W.S.P.-SHEATHING ONE SIDE W/ EDGES BLOCKED (EA. WALL)	3/8" W.S.P.-SHEATHING ONE SIDE W/ EDGES BLOCKED (EA. WALL)	3/8" W.S.P.-SHEATHING ONE SIDE W/ EDGES BLOCKED (EA. WALL)	3/8" W.S.P.-SHEATHING ONE SIDE W/ EDGES BLOCKED (EA. WALL)	3/8" W.S.P.-SHEATHING ONE SIDE W/ EDGES BLOCKED (EA. WALL)
	NAIL SIZE & SPACING	8d NAILS @ 3/3	8d NAILS @ 6/6	8d NAILS @ 4/4	8d NAILS @ 6/6	8d NAILS@ 6/6
	SILL PL. ANCHORS	1/2" Ø ANCHOR BOLTS @ 32" O.C.	1/2" Ø ANCHOR BOLTS @ 32" O.C. OR SDWS22400 @ 16" O.C.	SDWS22400 @ 24" O.C.	SDWS22400 @ 24" O.C.	SDWS22400 @ 32" O.C.
	TOP PL. SCREWS	SDWS22500 @ 24" O.C.	SDWS22500 @ 24" O.C.	SDWS22500 @ 32" O.C.	SDWS22500 @ 32" O.C.	SDWS22500 @ 32" O.C.
	SHEAR FORCE	587 PLF (WORST)	383 PLF (WORST)	484 PLF (WORST)	266 PLF (WORST)	262 PLF (WORST)

NOTES:

1. NAILING SHALL BE TO ALL STUDS, TOP & BOT. PLATES, & BLOCKING WHERE INDICATED.
2. PROVIDE CONT. ATS ROD SYSTEM OR MECH. HOLDOWNS PER PLAN & SCHED.
3. NAIL SPACING SHOWN AS (# / #) WHICH INDICATES FASTENERS SPACING IN INCHES @ THE EDGES / FIELD WHERE FIELD IS THE INTERMEDIATE MEMBERS.
4. TYP. SILL PL. TO WOOD SHALL BE 16d @ 12" O.C. U.N.O. IN SCHEDULE.
5. TYP. SILL PL. TO CONCRETE SHALL BE 1/2" Ø ANCHORS PER 3/S3.01.
   A. @ 2x4 WALLS SPACE AS INDICATED IN SCHED. W/ 1/4" x 2 1/2" x 2 1/2" PL. WASHER OR SIMPSON BPS 1/2 - 3 @ CONTRACTOR'S OPTION.
   B. @ 2x6 WALLS SPACE AS INDICATED IN SCHED. W/ 1/4" x 2 1/2" x 4 1/2" PL. WASHER OR SIMPSON BPS 1/2 - 6 @ CONTRACTOR'S OPTION.
6. PL. WASHERS TO MAINTAIN MAX. OF 1/2" BTWN. EDGE OF SILL PL. (ON SIDE OF SHEARWALL SHEATHING; ALT. SIDES WHERE SHEATHING IS INSTALLED ON BOTH SIDES) & EDGE OF PL. WASHER.
7. SHEARWALL SHEATHING CALLED OUT @ CORRIDOR WALLS SHALL BE LOCATED @ UNIT SIDE OF WALL.
8. DESIGN SHEAR TRUSSES FOR FORCES INDICATED IN SCHED.
9. NAILS @ WOOD STRUCTURAL PANEL SHEARWALLS SHALL BE GALVANIZED COMMON OF TYPE INDICATED.
10. EXTERIOR BUILDING SHEATHING SHALL BE 7/16" OSB (OR EQ.) BLOCKED W/ 8d NAILS @ 6/12 NAILING PATTERN. INSTALL SHEATHING VERTICALLY & SPLICE PANELS @ FLOOR PER 1/S0.06 (PROVIDE STRAPS PER 2/S0.06 WHERE SHEATHING JOINTS DO NOT CONFORM TO 1/S0.06).
11. RE: DETAILS 2B/S0.08 & 3/S0.09 @ OPENINGS THROUGH SHEARWALLS.
12. NAILING @ (2) LAYERS OF 5/8" GYPSUM SHEATHING, ONE SIDE, W/ EDGES BLOCKED:
   A. BASE PLY: 6d COOLER NAILS @ 9/9.
   B. FACE PLY: 8d COOLER NAILS @ 7/7.
   NOTE: IN LIEU OF (2) LAYERS OF 5/8" SHEATHING, @ CONTRACTOR'S OPTION, 7/16" APA-RATED SHEATHING MAY BE USED W/ EDGES BLOCKED W/ 8d NAILS @ 6/12.
13. RE: DETAILS 9 THROUGH 12/S0.06 & DETAILS 10 THROUGH 12A ON SHEET S0.07 FOR SHEARWALL DETAILING @ ENDS OF WALLS, INTERSECTIONS & JOISTS.
14. ALL TOP PL. SCREWS INDICATED IN SCHED. ARE SIMPSON SDWS22500.
15. WHERE SHEARWALL IS CALLED OUT ON EA. SIDE OF SINGLE WALL, PROVIDE INDICATED SHEATHING ON EA. SIDE OF WALL.
16. FASTENING OF GYP. BD. PER MANFACTURER'S SPECIFICATIONS.

SHEARWALL HOLDOWN SCHEDULE

MARK						MIN. ALLOWABLE ROD TENSILE CAPACITY	EMBEDDED ANCHOR OR EQ.
	BASEMENT WALLS	1ST FLR. WALLS	2ND FLR. WALLS	3RD FLR. WALLS	4TH FLR. WALLS		
1	5/8" STANDARD THREADED ROD W/ (4) 2x4 OR (4) 2x6	5/8" STANDARD THREADED ROD W/ (4) 2x4 OR (4) 2x6	1/2" STANDARD THREADED ROD W/ (4) 2x4 OR (4) 2x6	1/2" STANDARD THREADED ROD W/ (4) 2x4 OR (4) 2x6	1/2" STANDARD THREADED ROD W/ (4) 2x4 OR (4) 2x6	5/8" = 6,675 lbs 1/2" = 4,270 lbs	SIMPSON PAB5-24
2	3/4" STANDARD THREADED ROD W/ (4) 2x4 OR (4) 2x6	3/4" STANDARD THREADED ROD W/ (4) 2x4 OR (4) 2x6	1/2" STANDARD THREADED ROD W/ (4) 2x4 OR (4) 2x6	1/2" STANDARD THREADED ROD W/ (4) 2x4 OR (4) 2x6	1/2" STANDARD THREADED ROD W/ (4) 2x4 OR (4) 2x6	3/4" = 9,610 lbs 1/2" = 4,270 lbs	SIMPSON PAB6-24

NOTES:

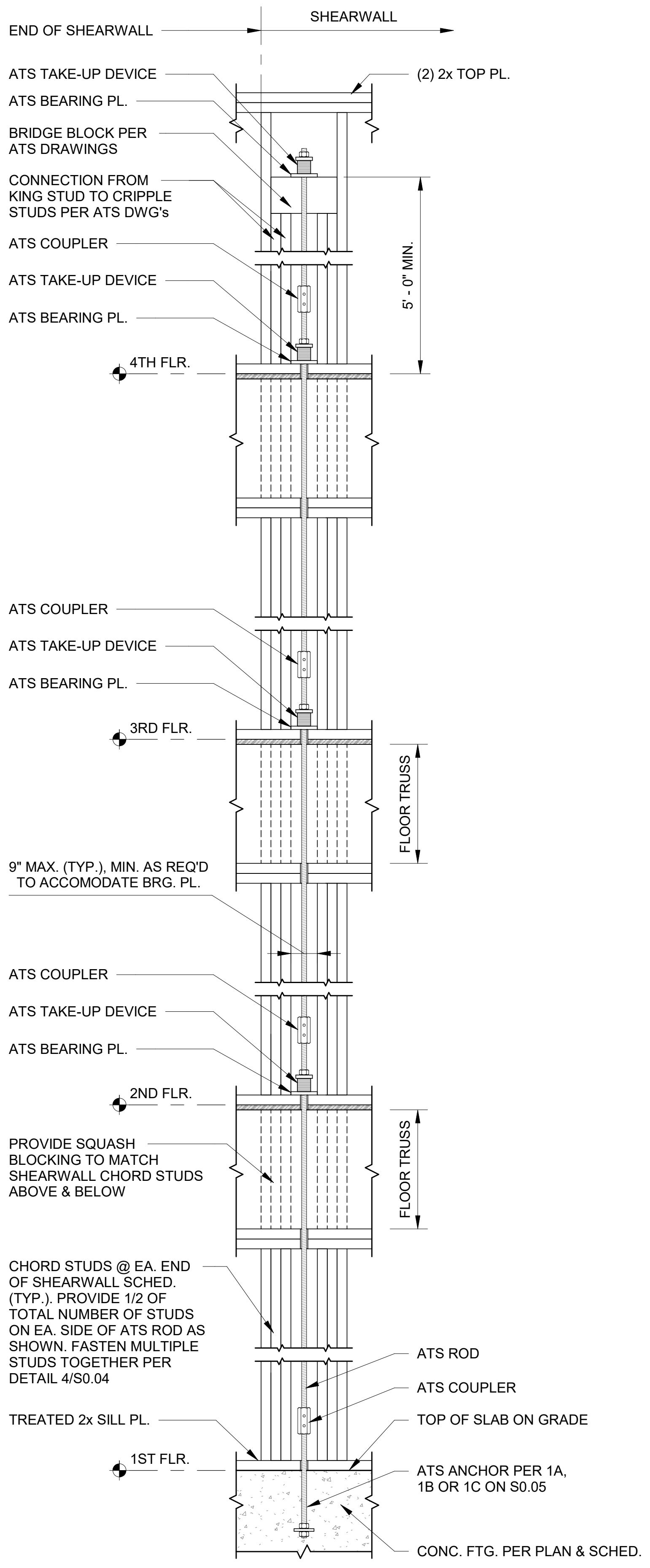
1. CONT. ROD SYSTEM BASED UPON CONT. THREADED RODS UTILIZING EITHER CLP SYSTEM OR SIMPSON ATS SYSTEM.
2. RODS SHALL HAVE A MIN. TENSILE CAPACITY SHOWN IN SCHED.
3. RE: SECTION DETAILS ON S0.05 & S0.07 FOR TYP. HOLDOWN DETAILS.
4. ALL HOLDOWNS TO HAVE HALF THE LISTED REQ'D STUDS EA. SIDE OF THREADED ROD TO MATCH STUD SIZE & GRADE NOTED IN WALL SCHED. HOLDOWN STUDS ARE IN ADDITION TO BEARING WALL STUDS - PROVIDE ADDT'L STUDS AS REQ'D TO MEET QUANTITY NOTED IN SCHED. OFFSET STUD PACK 3" TYP. FROM CENTERLINE OF THREADED ROD. PROVIDE SQUASH BLOCKS WITHIN FLOOR PLATE DEPTH (TRUSS DEPTH) ALIGNED W/ STUD PACKS. QUANTITY OF SQUASH BLOCKS TOP MATCH QUANTITY OF STUDS BELOW.
5. PROVIDE CAST-IN-PLACE ANCHOR PER SCHED. OR DRILL & EPOXY THREADED ROD INTO FOUNDATION/SLAB W/ 9" EMBED (CAST IN ANCHOR REQ'D @ EDGE OF SLAB CONDITIONS PER 1C/S0.05). ROD SHALL BE CLEAN OF GREASE. ATTACHMENT TO CONC. REQUIRES FULL TIME SPECIAL INSPECTION.
6. PROVIDE PL. WASHER, NUT & BRG. PL. CAPABLE OF DEVELOPING CAPACITY OF ROD @ EA. FLOOR.
7. PROVIDE TAKE-UP DEVICE @ EA. FLOOR (RE: ESTIMATED BUILDING MOVEMENT TABLE).
8. PROVIDE COUPLING TAKE-UP DEVICE AS REQ'D (RE: ESTIMATED BUILDING MOVEMENT TABLE).
9. PROVIDE SHOP DRAWINGS SHOWING LOCATIONS OF ALL HOLDOWNS & HARDWARE FOR REVIEW PRIOR TO INSTALLATION.
10. HOLE THROUGH TOP & SILL PLATES SHALL BE ROD DIAMETER PLUS 1/4".
11. PROVIDE BRG. PL. ON UNDERSIDE OF UPSET BEAM (RE: 3/S0.05) @ "D" SERIES RODS.
12. SHEARWALL HOLDOWN TYPE INFO:

#x

SHEARWALL HOLDOWN BASE CONDITION:
s = TYPICAL FOUNDATION / SLAB-ON-GRADE CONNECTION / TERMINATION FOR CONTINUOUS ROD
b = CONTINUOUS ROD HOLDOWN TERMINATION @ WOOD OR STEEL BEAM, RE: DETAILS FOR ADDT'L INFO (RE: SHOP DRAWINGS FOR STEEL TERMINATION DETAILS)
g = SIMPSON HDU2 HOLDOWN @ OFFSET END OF WALL CONDITION @ FOUNDATION / SLAB-ON-GRADE CONNECTION / TERMINATION
f = FLOOR-TO-FLOOR OR FLOOR-TO-BEAM / HEADER / FRMG. SIMPSON HDU2 HOLDOWN CONDITION @ WOOD FRAMING WHERE OFFSET SHEARWALL OCCURS BEYOND CONTINUOUS ROD
a = TYPICAL FOUNDATION / SLAB-ON-GRADE CONNECTION / TERMINATION W/ LOWER TOP OF CONTINUOUS ROD TERMINATION DUE TO UNIT LAYOUT(S) ABOVE
c = CONTINUOUS ROD HOLDOWN TERMINATION @ WOOD OR STEEL BEAM, W/ LOWER TOP OF CONTINUOUS ROD TERMINATION DUE TO UNIT LAYOUT(S) ABOVE, RE: DETAILS FOR ADDT'L INFO (RE: SHOP DRAWINGS FOR STEEL TERMINATION DETAILS)

SHEARWALL HOLDOWN TYPE MARK #

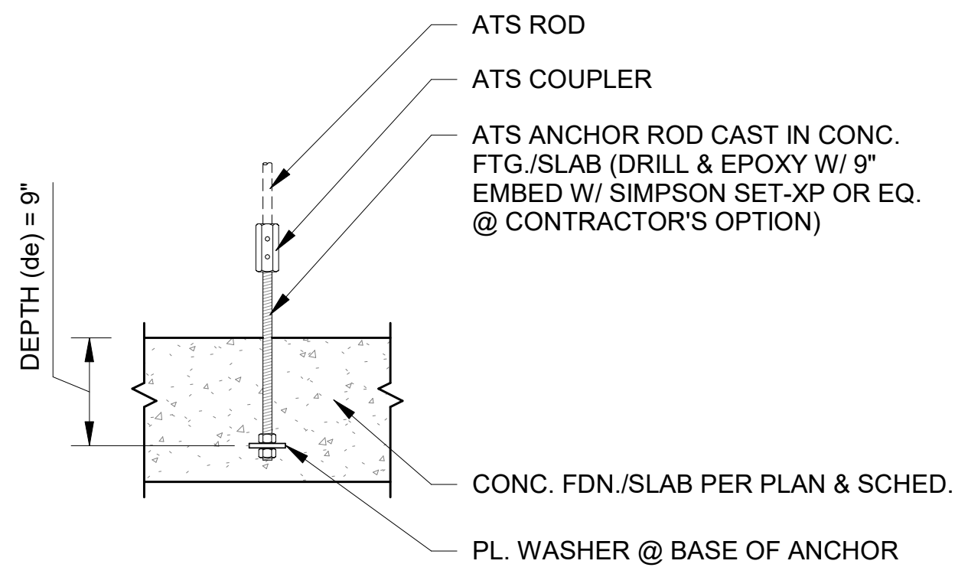
NOTE: REFER TO SHEARWALL ELEVATIONS FOR ADDT'L INFO ON SHEARWALL HOLDOWN BASE CONDITIONS & WHERE THEY TYPICALLY OCCUR.


END OF SHEARWALL
SHEARWALL
ATS TAKE-UP DEVICE
(2) 2x TOP PL.
ATS BEARING PL.
BRIDGE BLOCK PER ATS DRAWINGS
CONNECTION FROM KING STUD TO CRIPPLE STUDS PER ATS DWG's
ATS COUPLER
ATS TAKE-UP DEVICE
ATS BEARING PL.
5' - 0" MIN.
4TH FLR.
ATS COUPLER
ATS TAKE-UP DEVICE
ATS BEARING PL.
3RD FLR.
FLOOR TRUSS
9" MAX. (TYP.), MIN. AS REQ'D TO ACCOMODATE BRG. PL.
ATS COUPLER
ATS TAKE-UP DEVICE
ATS BEARING PL.
2ND FLR.
PROVIDE SQUASH BLOCKING TO MATCH SHEARWALL CHORD STUDS ABOVE & BELOW
FLOOR TRUSS
CHORD STUDS @ EA. END OF SHEARWALL SCHED. (TYP.). PROVIDE 1/2 OF TOTAL NUMBER OF STUDS ON EA. SIDE OF ATS ROD AS SHOWN. FASTEN MULTIPLE STUDS TOGETHER PER DETAIL 4/S0.04
ATS ROD
ATS COUPLER
TREATED 2x SILL PL.
TOP OF SLAB ON GRADE
1ST FLR.
ATS ANCHOR PER 1A, 1B OR 1C ON S0.05
CONC. FTG. PER PLAN & SCHED.

TYPICAL ANCHOR TIEDOWN SYSTEM DETAIL @ EA. END OF SHEARWALLS

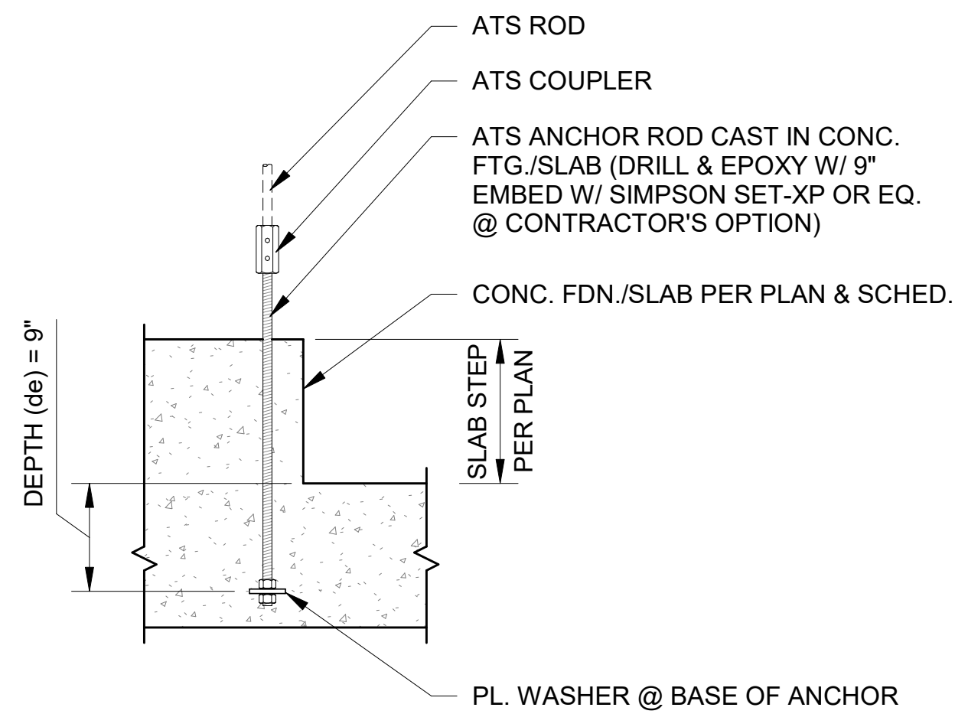
RE: PLANS FOR SHEARWALL LOCATIONS & SHEARWALL SCHED. ON THIS SHEET FOR ADDT'L INFO

1 SECTION
3/4" = 1'-0"


ATS ROD
ATS COUPLER
ATS ANCHOR ROD CAST IN CONC. FTG./SLAB (DRILL & EPOXY W/ 9" EMBED W/ SIMPSON SET-XP OR EQ. @ CONTRACTOR'S OPTION)
DEPTH (de) = 9"
CONC. FDN./SLAB PER PLAN & SCHED.
PL. WASHER @ BASE OF ANCHOR

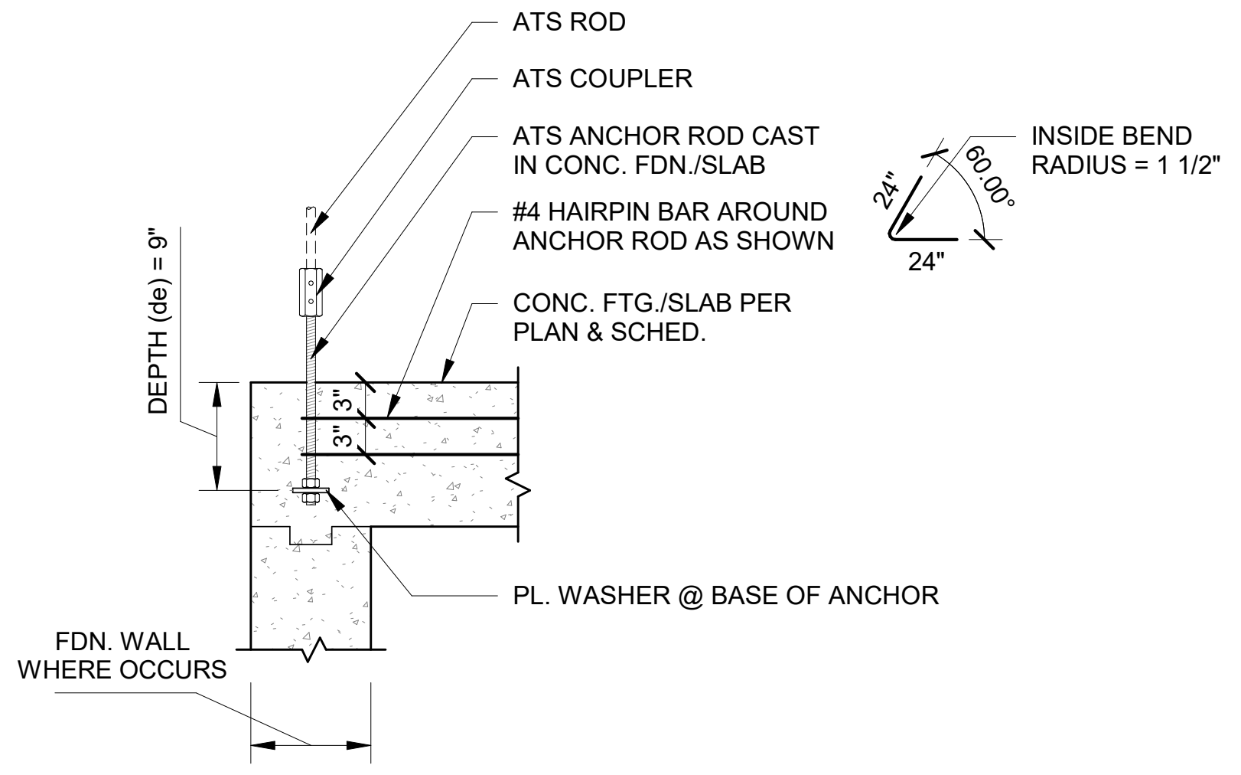
TYPICAL ATS ANCHOR @ INTERIOR SLAB LOCATIONS

1A SECTION
3/4" = 1'-0"


ATS ROD
ATS COUPLER
ATS ANCHOR ROD CAST IN CONC. FTG./SLAB (DRILL & EPOXY W/ 9" EMBED W/ SIMPSON SET-XP OR EQ. @ CONTRACTOR'S OPTION)
CONC. FDN./SLAB PER PLAN & SCHED.
DEPTH (de) = 9"
SLAB STEP PER PLAN
PL. WASHER @ BASE OF ANCHOR

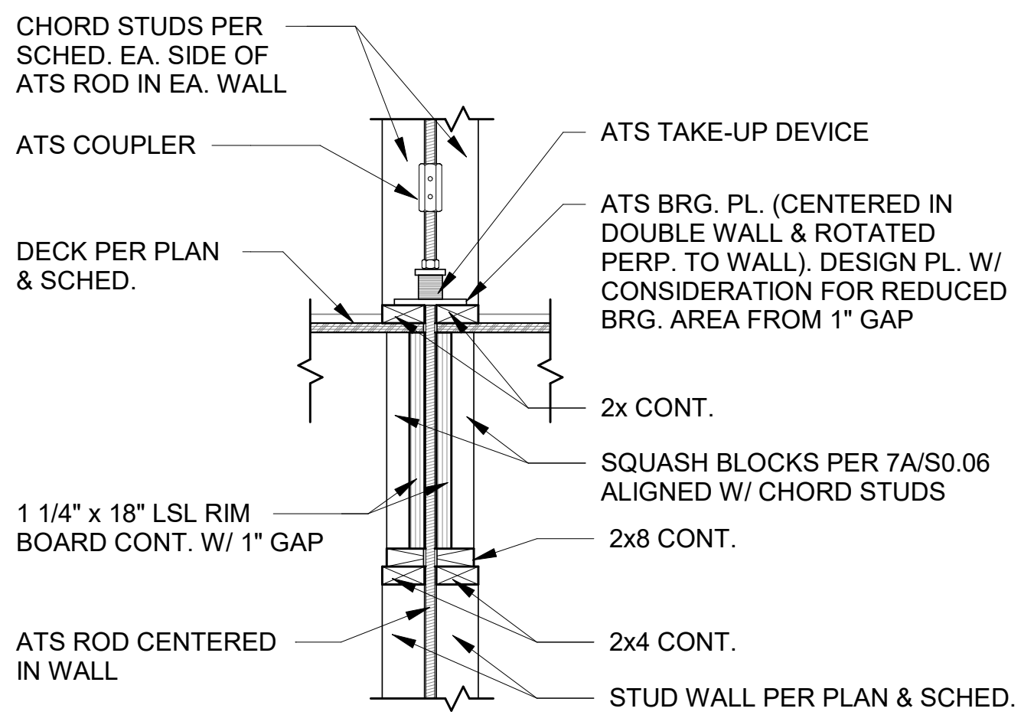
TYPICAL ATS ANCHOR @ STEP IN FOUNDATION SLAB

1B SECTION
3/4" = 1'-0"


ATS ROD
ATS COUPLER
ATS ANCHOR ROD CAST IN CONC. FDN./SLAB
#4 HAIRPIN BAR AROUND ANCHOR ROD AS SHOWN
CONC. FTG./SLAB PER PLAN & SCHED.
INSIDE BEND RADIUS = 1 1/2"
24"
60.00°
24"
DEPTH (de) = 9"
3"
3"
PL. WASHER @ BASE OF ANCHOR
FDN. WALL WHERE OCCURS

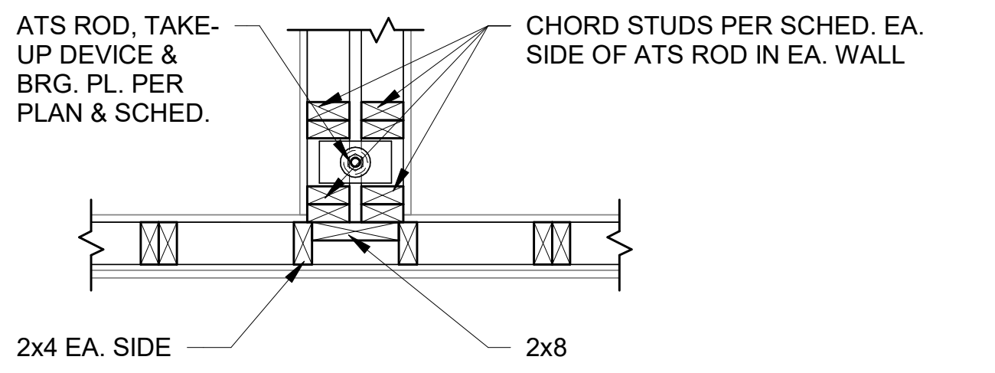
TYPICAL ATS CAST IN ANCHOR @ EDGE OF FOUNDATION SLAB

1C SECTION
3/4" = 1'-0"


CHORD STUDS PER SCHED. EA. SIDE OF ATS ROD IN EA. WALL
ATS COUPLER
ATS TAKE-UP DEVICE
ATS BRG. PL. (CENTERED IN DOUBLE WALL & ROTATED PERP. TO WALL). DESIGN PL. W/ CONSIDERATION FOR REDUCED BRG. AREA FROM 1" GAP
DECK PER PLAN & SCHED.
2x CONT.
SQUASH BLOCKS PER 7A/S0.06 ALIGNED W/ CHORD STUDS
1 1/4" x 18" LSL RIM BOARD CONT. W/ 1" GAP
2x8 CONT.
ATS ROD CENTERED IN WALL
2x4 CONT.
STUD WALL PER PLAN & SCHED.

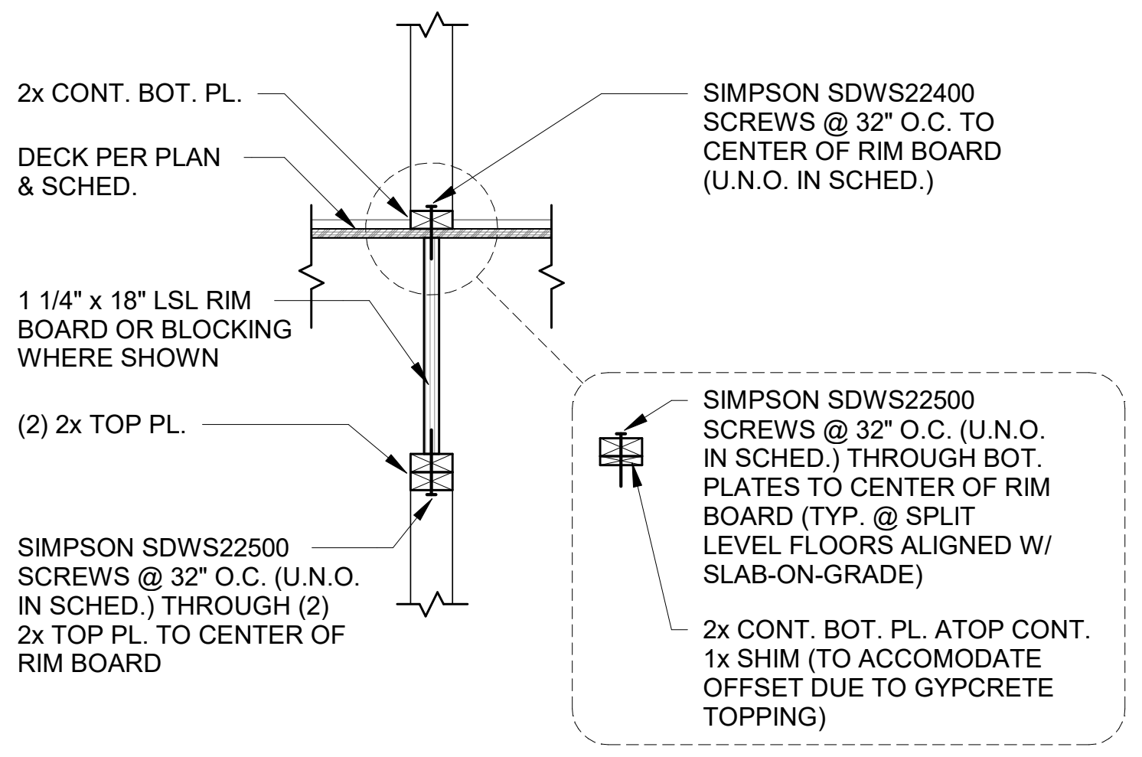
TYPICAL SINGLE ATS ROD @ DOUBLE SHEARWALLS

1D SECTION
3/4" = 1'-0"


ATS ROD, TAKE-UP DEVICE & BRG. PL. PER PLAN & SCHED.
CHORD STUDS PER SCHED. EA. SIDE OF ATS ROD IN EA. WALL
2x4 EA. SIDE
2x8

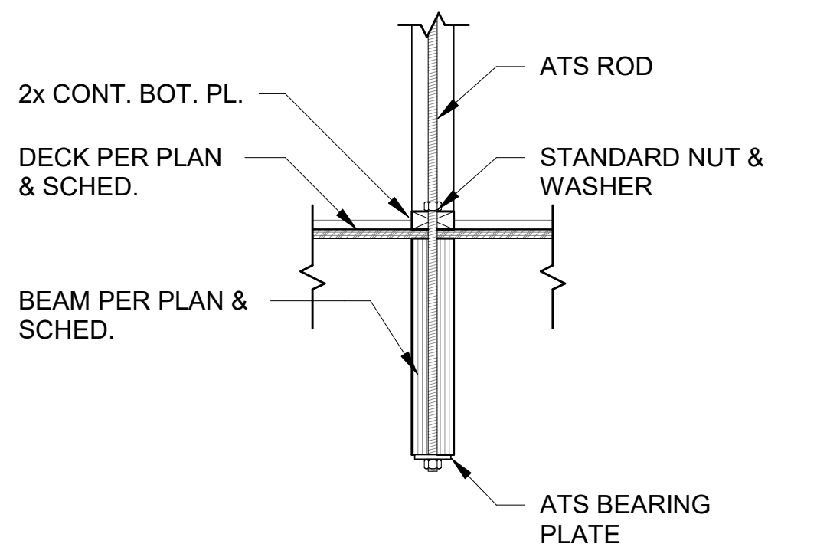
TYPICAL ATS ROD IN CENTER OF UNIT DEMISING WALL

1E SECTION
3/4" = 1'-0"


2x CONT. BOT. PL.
DECK PER PLAN & SCHED.
SIMPSON SDWS22400 SCREWS @ 32" O.C. TO CENTER OF RIM BOARD (U.N.O. IN SCHED.)
1 1/4" x 18" LSL RIM BOARD OR BLOCKING WHERE SHOWN
(2) 2x TOP PL.
SIMPSON SDWS22500 SCREWS @ 32" O.C. (U.N.O. IN SCHED.) THROUGH (2) 2x TOP PL. TO CENTER OF RIM BOARD
SIMPSON SDWS22500 SCREWS @ 32" O.C. (U.N.O. IN SCHED.) THROUGH BOT. PLATES TO CENTER OF RIM BOARD (TYP. @ SPLIT LEVEL FLOORS ALIGNED W/ SLAB-ON-GRADE)
2x CONT. BOT. PL. ATOP CONT. 1x SHIM (TO ACCOMODATE OFFSET DUE TO GYPCRETE TOPPING)

TYPICAL SHEARWALL SILL PL. ATTACHMENT @ 2x SILL

2 SECTION
3/4" = 1'-0"



TYPICAL HOLDOWN ATOP WOOD BEAM

3 SECTION
3/4" = 1'-0"

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JOHN A. KRUDWIG
NUMBER PE-2005000022
04.28.23

KRUDWIG STRUCTURAL ENGINEERS INC
11200 Corporate Ave., Suite 110 Lenexa, Kansas 66219

A NEW RESIDENTIAL COMMUNITY AT::
TRILOGY
NW WARD RD. | LEE'S SUMMIT, MO

DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

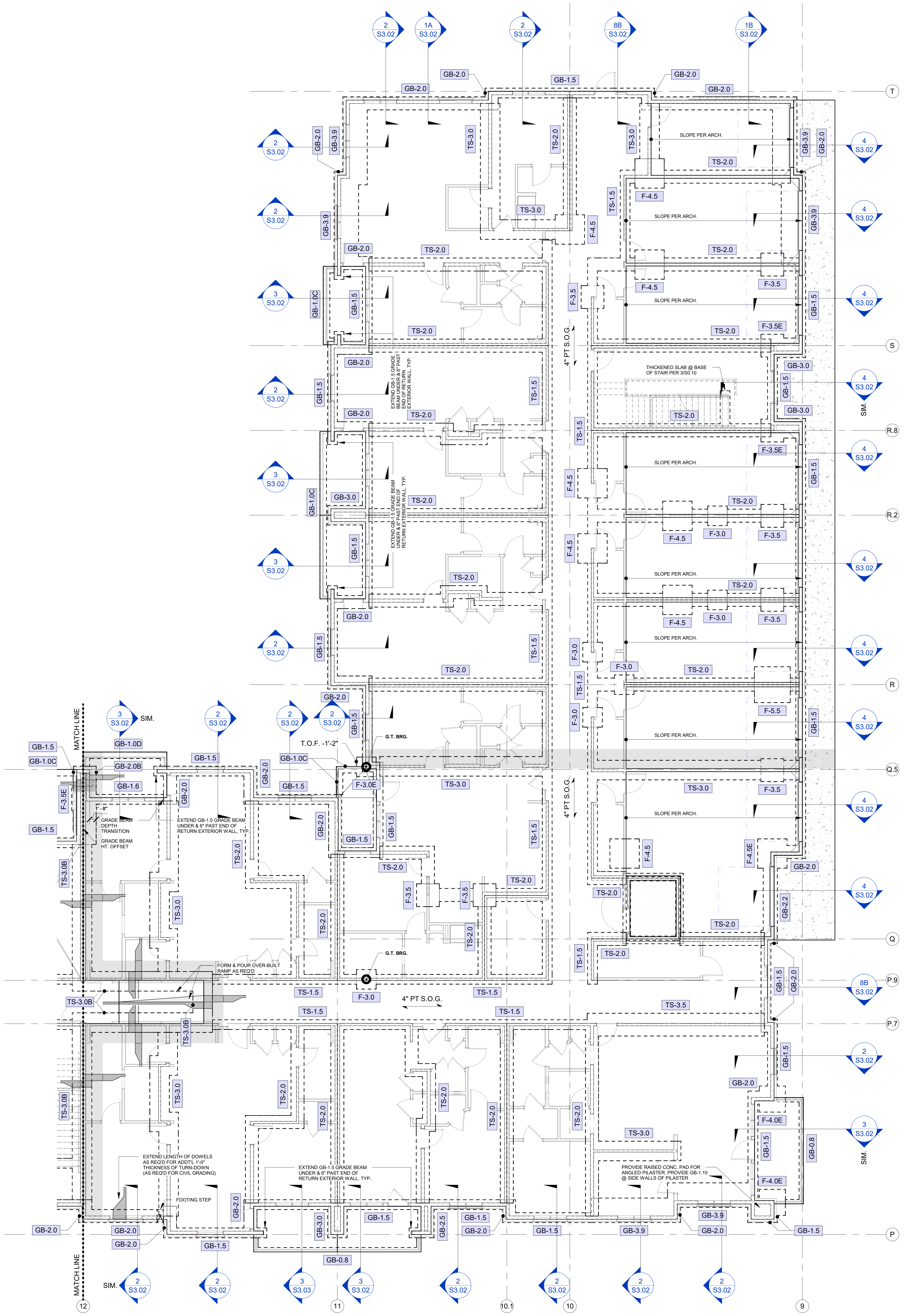
REVISIONS

1	23 0411	CITY COMMENTS

JOB NO. PN1129
DATE 03/15/23
DRAWN BY KSE
4.11.2023
CITY COMMENTS
SHEET NAME
SHEARWALL SCHEDULE & DETAILS
SHEET NO.
S0.05

4/28/2023 6:30:50 PM

ARCH E1 30" x 42"


2 S3.02
1A S3.02
8B S3.02
1B S3.02
4 S3.02
3 S3.02
3 S3.03
GB-2.0
GB-1.5
GB-3.9
GB-3.0
GB-1.0C
GB-1.0D
GB-2.0B
GB-1.6
GB-0.8
GB-2.5
GB-2.2
TS-3.0
TS-2.0
TS-1.5
TS-3.5
TS-3.0B
TS-3.0B
F-4.5
F-3.5
F-3.0
F-3.5E
F-3.0E
F-4.0E
F-4.5E
F-5.5
SLOPE PER ARCH.
THICKENED SLAB @ BASE OF STAIR PER 3/S0.10
EXTEND GB-1.5 GRADE BEAM UNDER & 6" PAST END OF RETURN EXTERIOR WALL, TYP.
GRADE BEAM DEPTH TRANSITION
GRADE BEAM HT. OFFSET
FORM & POUR OVER-BUILT RAMP AS REQ'D
EXTEND LENGTH OF DOWELS AS REQ'D FOR ADDT'L 1'-0" THICKNESS OF TURN-DOWN (AS REQ'D FOR CIVIL GRADING)
FOOTING STEP
PROVIDE RAISED CONC. PAD FOR ANGLED PILASTER. PROVIDE GB-1.10 @ SIDE WALLS OF PILASTER
T.O.F. -1'-2"
G.T. BRG.
4" PT S.O.G.
MATCH LINE
SIM.
T
S
R.8
R.2
R
Q.5
Q
P.9
P.7
P
12
11
10.1
10
9

1 SEGMENT A - 1ST FLOOR FOUNDATION PLAN

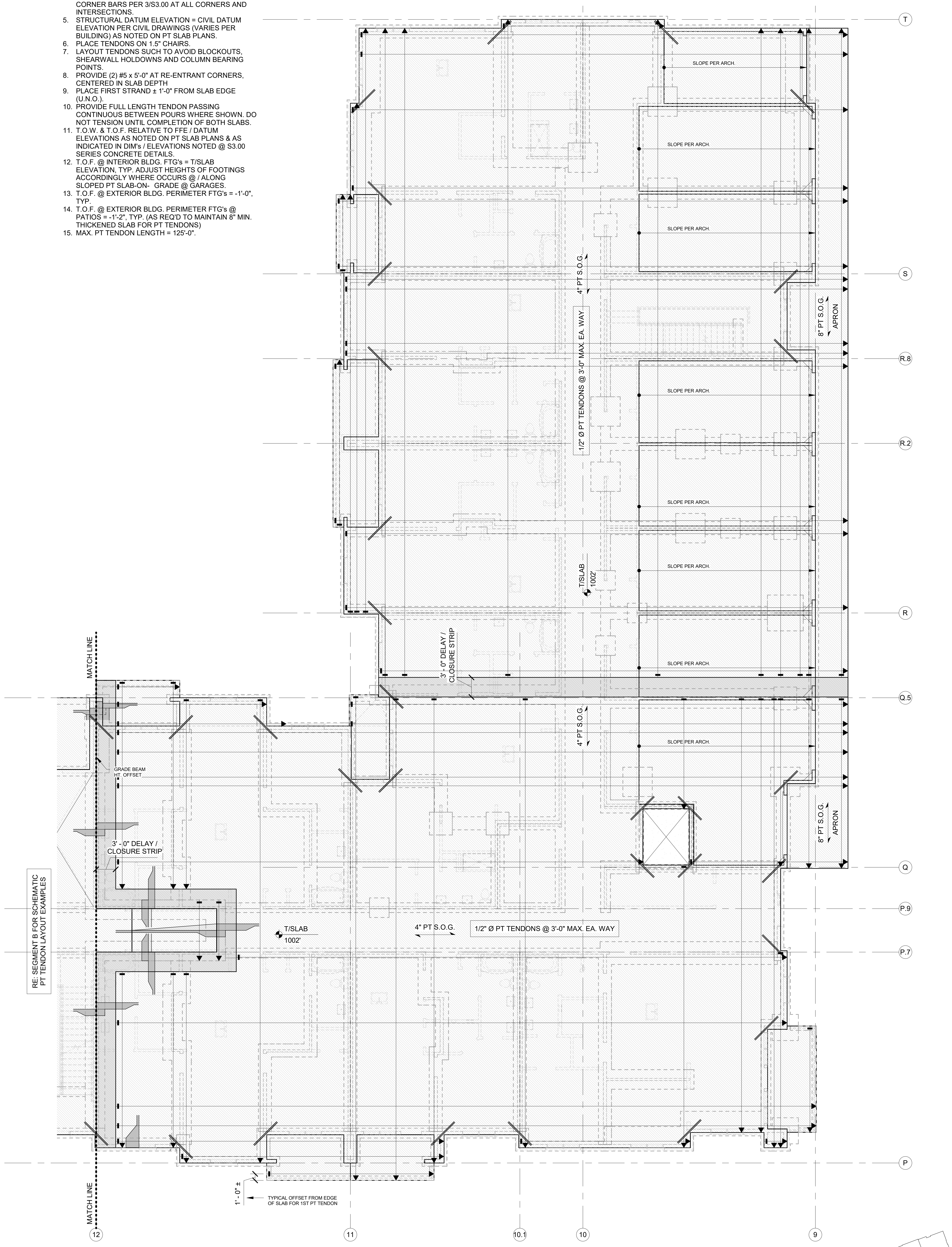
1/8" = 1'-0"

NOTES:

1. REFER TO "PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES" ON THIS SHEET.

PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES:

1. REFER TO GENERAL NOTES ON SHEET S0.01.
2. REFER TO TYPICAL DETAILS ON S3.00 SERIES. SHEETS. SECTIONS NOT OTHERWISE INDICATED ON PLAN SHALL BE SIMILAR TO LIKE CONDITIONS.
3. CONFIRM ALL DIMENSIONS, ELEVATIONS, SLOPES, AND RECESSES WITH ARCH DRAWINGS.
4. AT ALL CONTINUOUS FOUNDATIONS, PROVIDE CORNER BARS PER 3/S3.00 AT ALL CORNERS AND INTERSECTIONS.
5. STRUCTURAL DATUM ELEVATION = CIVIL DATUM ELEVATION PER CIVIL DRAWINGS (VARIES PER BUILDING) AS NOTED ON PT SLAB PLANS.
6. PLACE TENDONS ON 1.5" CHAIRS.
7. LAYOUT TENDONS SUCH TO AVOID BLOCKOUTS, SHEARWALL HOLDOWNS AND COLUMN BEARING POINTS.
8. PROVIDE (2) #5 x 5'-0" AT RE-ENTRANT CORNERS, CENTERED IN SLAB DEPTH
9. PLACE FIRST STRAND ± 1'-0" FROM SLAB EDGE (U.N.O.).
10. PROVIDE FULL LENGTH TENDON PASSING CONTINUOUS BETWEEN POURS WHERE SHOWN. DO NOT TENSION UNTIL COMPLETION OF BOTH SLABS.
11. T.O.W. & T.O.F. RELATIVE TO FFE / DATUM ELEVATIONS AS NOTED ON PT SLAB PLANS & AS INDICATED IN DIM's / ELEVATIONS NOTED @ S3.00 SERIES CONCRETE DETAILS.
12. T.O.F. @ INTERIOR BLDG. FTG's = T/SLAB ELEVATION, TYP. ADJUST HEIGHTS OF FOOTINGS ACCORDINGLY WHERE OCCURS @ / ALONG SLOPED PT SLAB-ON- GRADE @ GARAGES.
13. T.O.F. @ EXTERIOR BLDG. PERIMETER FTG's = -1'-0", TYP.
14. T.O.F. @ EXTERIOR BLDG. PERIMETER FTG's @ PATIOS = -1'-2", TYP. (AS REQ'D TO MAINTAIN 8" MIN. THICKENED SLAB FOR PT TENDONS)
15. MAX. PT TENDON LENGTH = 125'-0".


SLOPE PER ARCH.
4" PT S.O.G.
1/2" Ø PT TENDONS @ 3'-0" MAX. EA. WAY
T/SLAB 1002'
3'-0" DELAY / CLOSURE STRIP
8" PT S.O.G. APRON
GRADE BEAM HT. OFFSET
RE: SEGMENT B FOR SCHEMATIC PT TENDON LAYOUT EXAMPLES
TYPICAL OFFSET FROM EDGE OF SLAB FOR 1ST PT TENDON
1'-0" ±
MATCH LINE
T
S
R.8
R.2
R
Q.5
Q
P.9
P.7
P
12
11
10.1
10
9

2 SEGMENT A - 1ST FLOOR PT SLAB PLAN

1/8" = 1'-0"

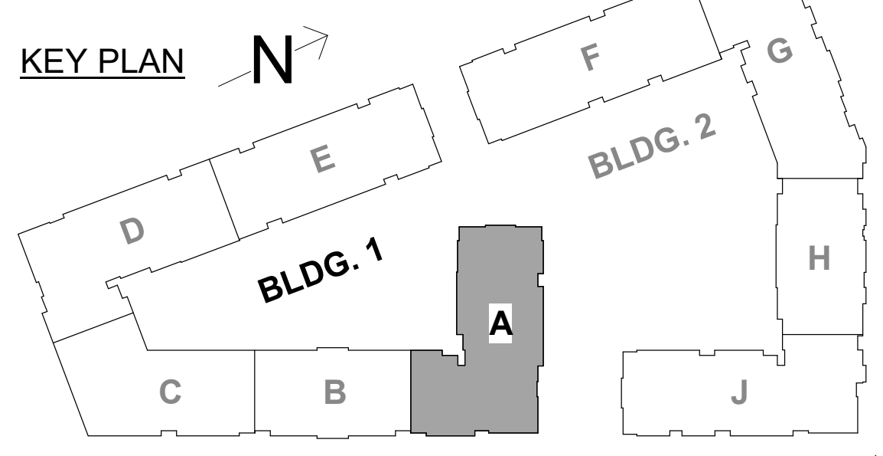
NOTES:

1. REFER TO "PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES" ON THIS SHEET.

COL./STUD PACK OPTIONS BY FTG. SIZE (1ST FLR. / BASEMENT)

FOOTING	GLULAM COL's (28F-E1 SP/SP (U))	STUD PACKS	A53 Gr. B xS COL's	A53 Gr. B xxS COL's
F-2.5	3 1/2" x 5 1/2"	(3) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-3.0	3 1/2" x 5 1/2"	(4) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-3.5	3 1/2" x 5 1/2"	(5) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-4.0	3 1/2" x 7" --OR-- 5 1/2" x 5 1/2"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-4.5	5 1/2" x 7"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-5.0	5 1/2" x 7"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-5.5	5 1/2" x 7"	N/A	4" Ø xS PIPE	3" Ø xxS PIPE
F-6.0	N/A	N/A	5" Ø xS PIPE	4" Ø xxS PIPE
F-6.5	N/A	N/A	5" Ø xS PIPE	4" Ø xxS PIPE

KEY PLAN



GENERAL SHEET REVISIONS: 2

1. GRADE BEAM (GB), THICKENED SLAB (TS) & STRIP FTG. (SF) SIZES UPDATED PER FTG. SCHEDULE UPDATES / REVISIONS.
2. FDTN. WALLS ADDED IN LIEU OF GRADE BEAMS WHERE NOTED.
3. RE: FDTN. DETAIL SHEETS FOR UPDATES / REVISIONS TO CONC. SECTION DETAILS.

4/28/2023 3:32:26 PM

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PRAIRIE VILLAGE, KS 66208

JOHN A. KRUDWIG
NUMBER PE-2005000022
04.28.23

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DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

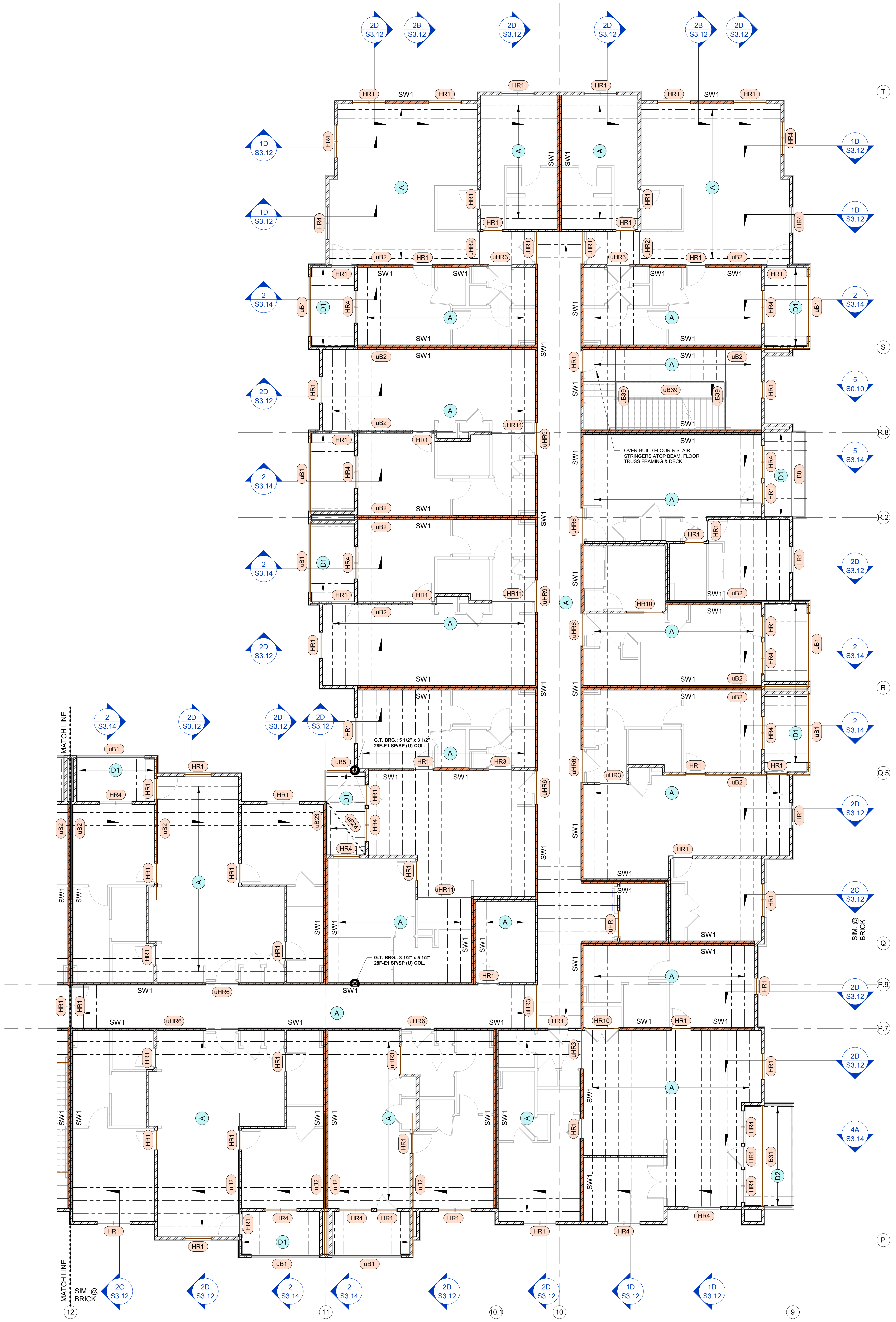
REVISIONS

1	23 0411	CITY COMMENTS
2	23 0428	ADD 1 / CC 2

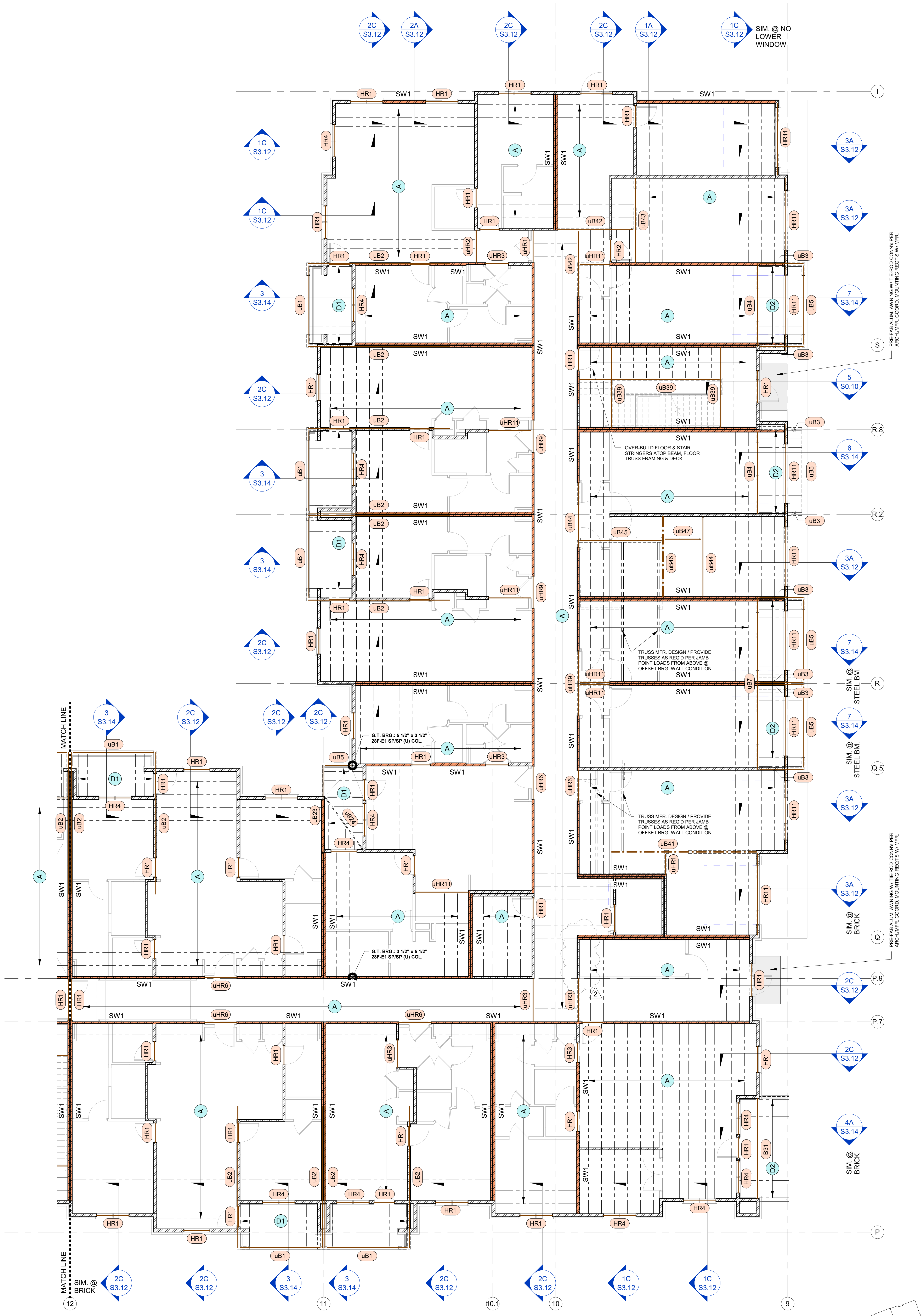
JOB NO. PN1129
DATE 03/15/23
DRAWN BY KSE
4.11.2023
CITY COMMENTS
SHEET NAME
SEG (A) 1ST FLOOR PT SLAB & FDN. PLANS
SHEET NO.
S2.06

ARCH E1 30" x 42"

4/28/2023 6:33:04 PM

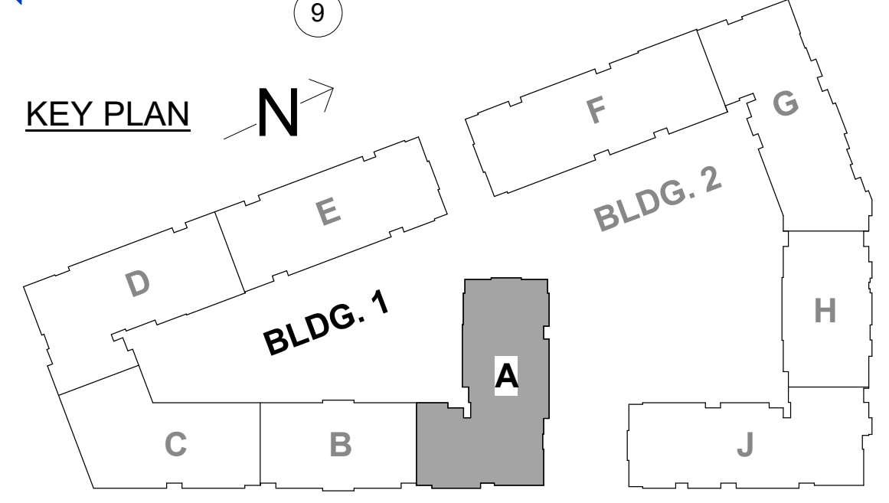

OVER-BUILD FLOOR & STAIR STRINGERS ATOP BEAM. FLOOR TRUSS FRAMING & DECK
G.T. BRG.: 5 1/2" x 3 1/2" 28F-E1 SP/SP (U) COL.
G.T. BRG.: 3 1/2" x 5 1/2" 28F-E1 SP/SP (U) COL.
MATCH LINE
SIM. @ BRICK
SW1
A
T
S
R.8
R.2
R
Q.5
Q
P.9
P.7
P
12
11
10.1
10
9

1 SEGMENT A - 3RD FLOOR FRAMING PLAN
1/8" = 1'-0"


SIM. @ NO LOWER WINDOW
PRE-FAB ALUM. AWNING W/ TIE-ROD CONN's PER ARCH./MFR. COORD. MOUNTING REQT'S W/ MFR.
OVER-BUILD FLOOR & STAIR STRINGERS ATOP BEAM. FLOOR TRUSS FRAMING & DECK
TRUSS MFR. DESIGN / PROVIDE TRUSSES AS REQ'D PER JAMB POINT LOADS FROM ABOVE @ OFFSET BRG. WALL CONDITION
G.T. BRG.: 5 1/2" x 3 1/2" 28F-E1 SP/SP (U) COL.
G.T. BRG.: 3 1/2" x 5 1/2" 28F-E1 SP/SP (U) COL.
SIM. @ STEEL BM.
SIM. @ BRICK
MATCH LINE
PRE-FAB ALUM. AWNING W/ TIE-ROD CONN's PER ARCH./MFR. COORD. MOUNTING REQT'S W/ MFR.
SW1
A
T
S
R.8
R.2
R
Q.5
Q
P.9
P.7
P
12
11
10.1
10
9

2 SEGMENT A - 2ND FLOOR FRAMING PLAN
1/8" = 1'-0"

KEY PLAN N



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PRAIRIE VILLAGE, KS 66208

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JOHN A. KRUDWIG
NUMBER PE-2005000022
04.28.23

KRUDWIG
STRUCTURAL ENGINEERS INC
11200 Corporate Ave., Suite 110 Lenexa, Kansas 66219

A NEW RESIDENTIAL COMMUNITY AT::

TRILOGY

NW WARD RD. | LEE'S SUMMIT, MO

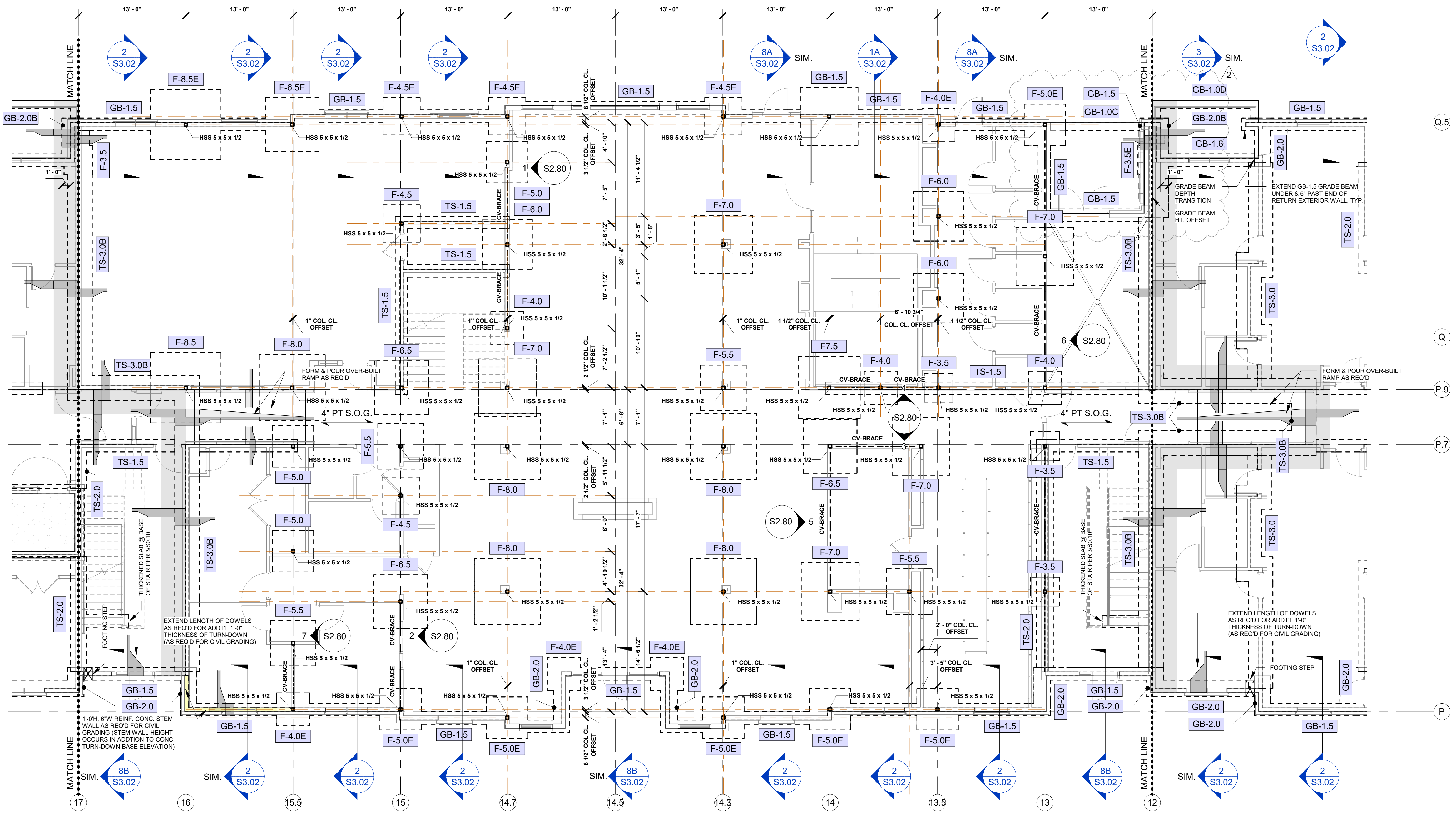
DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

△REVISIONS

1	23 0411	CITY COMMENTS
2	23 0428	ADD 1 / CC 2

JOB NO. PN1129
DATE 03/15/23
DRAWN BY KSE
4.11.2023
CITY COMMENTS
SHEET NAME SEG (A) 2ND & 3RD FLOOR FRAMING PLANS
SHEET NO.
S2.07

ARCH E1 30" x 42"



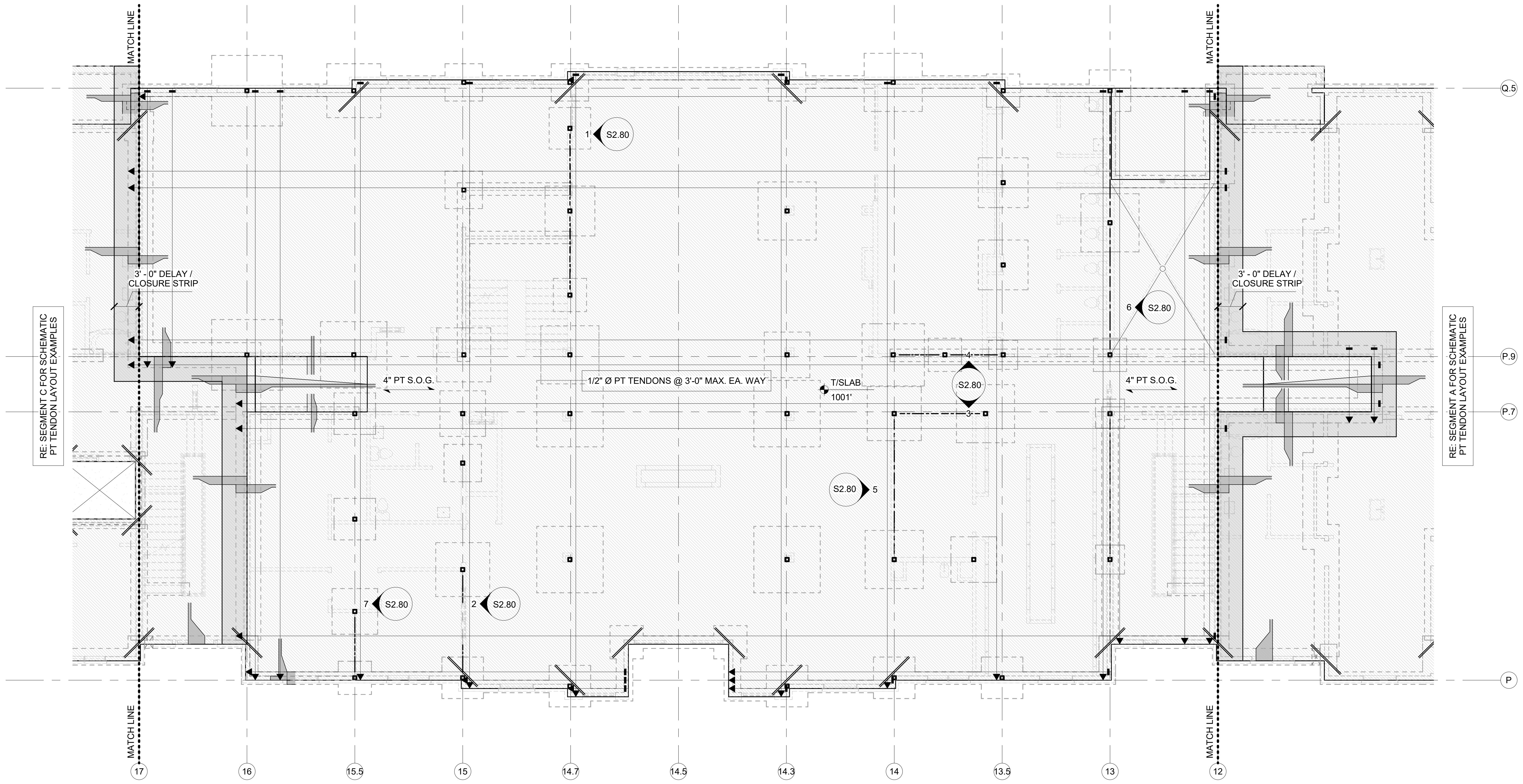
FORM & POUR OVER-BUILT RAMP AS REQ'D
4" PT S.O.G.
EXTEND LENGTH OF DOWELS AS REQ'D FOR ADDT'L 1'-0" THICKNESS OF TURN-DOWN (AS REQ'D FOR CIVIL GRADING)
1'-0"H, 6"W REINF. CONC. STEM WALL AS REQ'D FOR CIVIL GRADING (STEM WALL HEIGHT OCCURS IN ADDITION TO CONC. TURN-DOWN BASE ELEVATION)
GRADE BEAM DEPTH TRANSITION
GRADE BEAM HT. OFFSET
EXTEND GB-1.5 GRADE BEAM UNDER & 6" PAST END OF RETURN EXTERIOR WALL, TYP.
FOOTING STEP
MATCH LINE
SIM.

SEGMENT B - 1ST FLOOR FOUNDATION PLAN

1
1/8" = 1'-0"

NOTES:
1. REFER TO "PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES" ON THIS SHEET.

COL./STUD PACK OPTIONS BY FTG. SIZE (1ST FLR. / BASEMENT)				
FOOTING	GLULAM COL's (28F-E1 SP/SP (U))	STUD PACKS	A53 Gr. B xS COL's	A53 Gr. B xxS COL's
F-2.5	3 1/2" x 5 1/2"	(3) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-3.0	3 1/2" x 5 1/2"	(4) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-3.5	3 1/2" x 5 1/2"	(5) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-4.0	3 1/2" x 7" --OR-- 5 1/2" x 5 1/2"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-4.5	5 1/2" x 7"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-5.0	5 1/2" x 7"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-5.5	5 1/2" x 7"	N/A	4" Ø xS PIPE	3" Ø xxS PIPE
F-6.0	N/A	N/A	5" Ø xS PIPE	4" Ø xxS PIPE
F-6.5	N/A	N/A	5" Ø xS PIPE	4" Ø xxS PIPE



3'-0" DELAY / CLOSURE STRIP
4" PT S.O.G.
1/2" Ø PT TENDONS @ 3'-0" MAX. EA. WAY
T/SLAB 1001'
RE: SEGMENT C FOR SCHEMATIC PT TENDON LAYOUT EXAMPLES
RE: SEGMENT A FOR SCHEMATIC PT TENDON LAYOUT EXAMPLES
MATCH LINE

SEGMENT B - 1ST FLOOR PT SLAB PLAN

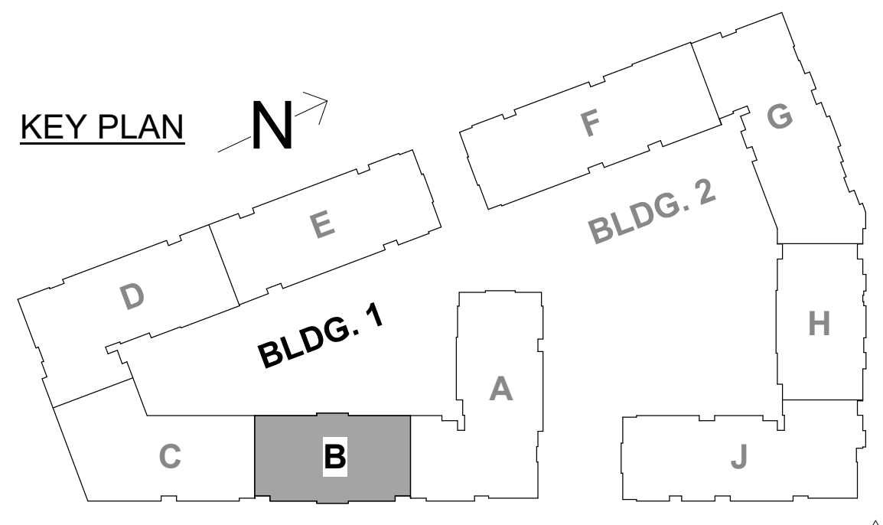
2
1/8" = 1'-0"

NOTES:
1. REFER TO "PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES" ON THIS SHEET.

PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES:

1. REFER TO GENERAL NOTES ON SHEET S0.01.
2. REFER TO TYPICAL DETAILS ON S3.00 SERIES. SHEETS. SECTIONS NOT OTHERWISE INDICATED ON PLAN SHALL BE SIMILAR TO LIKE CONDITIONS.
3. CONFIRM ALL DIMENSIONS, ELEVATIONS, SLOPES, AND RECESSES WITH ARCH DRAWINGS.
4. AT ALL CONTINUOUS FOUNDATIONS, PROVIDE CORNER BARS PER 3/S3.00 AT ALL CORNERS AND INTERSECTIONS.
5. STRUCTURAL DATUM ELEVATION = CIVIL DATUM ELEVATION PER CIVIL DRAWINGS (VARIES PER BUILDING) AS NOTED ON PT SLAB PLANS.
6. PLACE TENDONS ON 1.5" CHAIRS.
7. LAYOUT TENDONS SUCH TO AVOID BLOCKOUTS, SHEARWALL HOLDOWNS AND COLUMN BEARING POINTS.
8. PROVIDE (2) #5 x 5'-0" AT RE-ENTRANT CORNERS, CENTERED IN SLAB DEPTH
9. PLACE FIRST STRAND ± 1'-0" FROM SLAB EDGE (U.N.O.).
10. PROVIDE FULL LENGTH TENDON PASSING CONTINUOUS BETWEEN POURS WHERE SHOWN. DO NOT TENSION UNTIL COMPLETION OF BOTH SLABS.
11. T.O.W. & T.O.F. RELATIVE TO FFE / DATUM ELEVATIONS AS NOTED ON PT SLAB PLANS & AS INDICATED IN DIM's / ELEVATIONS NOTED @ S3.00 SERIES CONCRETE DETAILS.
12. T.O.F. @ INTERIOR BLDG. FTG's = T/SLAB ELEVATION, TYP. ADJUST HEIGHTS OF FOOTINGS ACCORDINGLY WHERE OCCURS @ / ALONG SLOPED PT SLAB-ON- GRADE @ GARAGES.
13. T.O.F. @ EXTERIOR BLDG. PERIMETER FTG's = -1'-0", TYP.
14. T.O.F. @ EXTERIOR BLDG. PERIMETER FTG's @ PATIOS = -1'-2", TYP. (AS REQ'D TO MAINTAIN 8" MIN. THICKENED SLAB FOR PT TENDONS)
15. MAX. PT TENDON LENGTH = 125'-0".

KEY PLAN N



2

GENERAL SHEET REVISIONS:
1. GRADE BEAM (GB), THICKENED SLAB (TS) & STRIP FTG. (SF) SIZES UPDATED PER FTG. SCHEDULE UPDATES / REVISIONS.
2. FDTN. WALLS ADDED IN LIEU OF GRADE BEAMS WHERE NOTED.
3. RE: FDTN. DETAIL SHEETS FOR UPDATES / REVISIONS TO CONC. SECTION DETAILS.

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A NEW RESIDENTIAL COMMUNITY AT::
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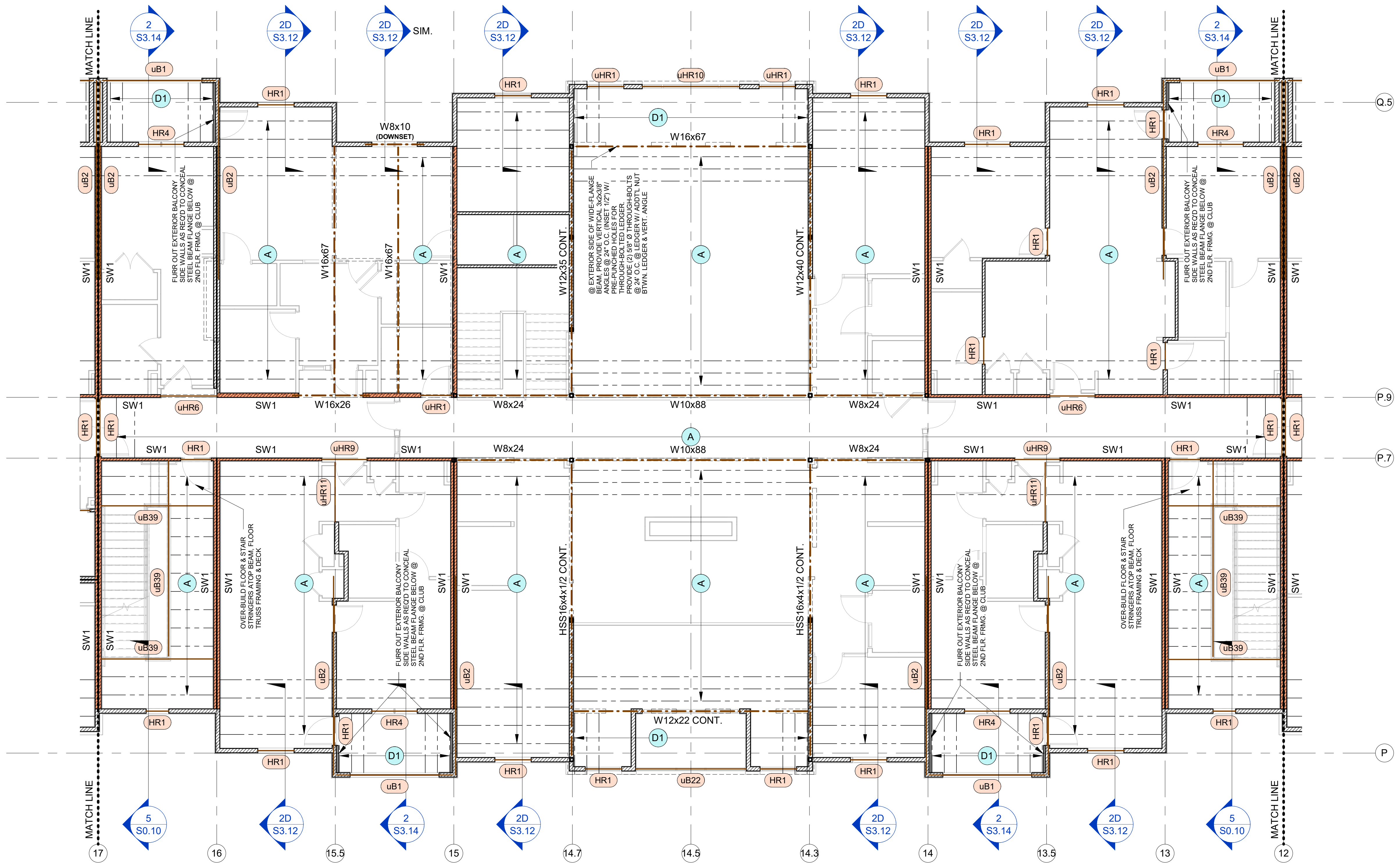
REVISIONS

1	23 0411	CITY COMMENTS
2	23 0428	ADD 1 / CC 2

JOB NO. PN1129
DATE 03/15/23
DRAWN BY KSE
4.11.2023
CITY COMMENTS
SHEET NAME
SEG (B) 1ST FLOOR PT SLAB & FDN. PLANS
SHEET NO.
S2.09

4/28/2023 5:34:12 PM

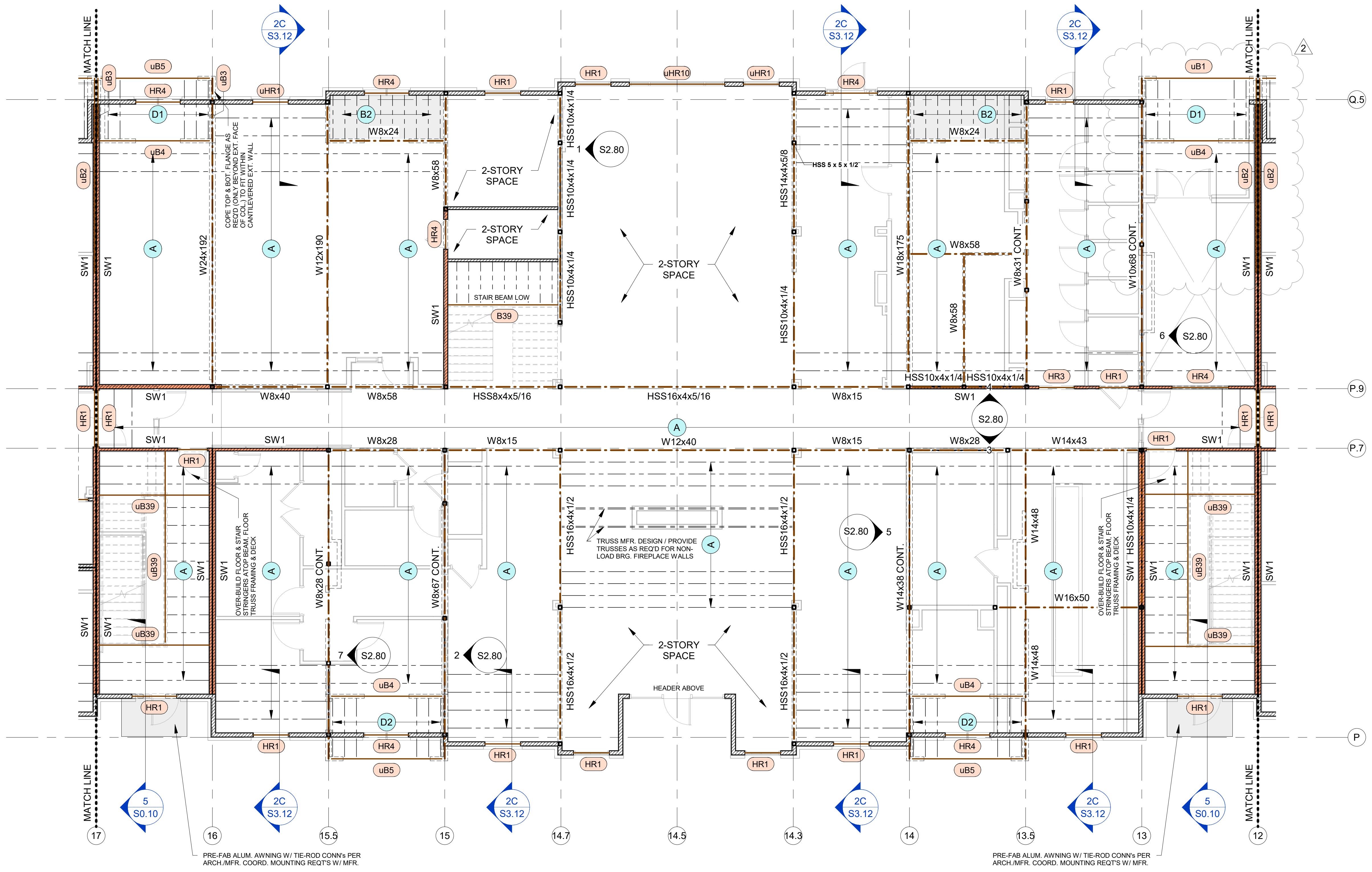
ARCH E1 30" x 42"



SEGMENT B - 3RD FLOOR FRAMING PLAN

1

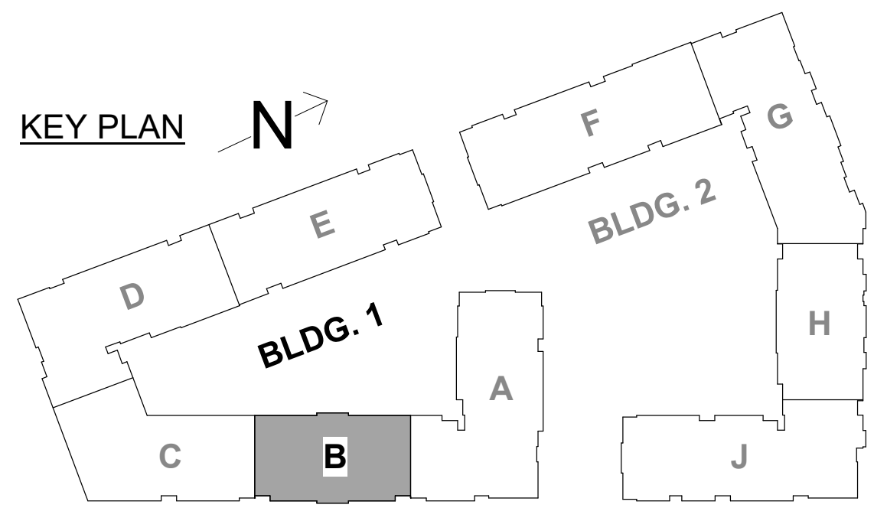
1/8" = 1'-0"



SEGMENT B - 2ND FLOOR FRAMING PLAN

2

1/8" = 1'-0"



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STATE OF MISSOURI
JOHN A. KRUDWIG
NUMBER
PE-2005000022
PROFESSIONAL ENGINEER
04.28.23

KRUDWIG
STRUCTURAL ENGINEERS INC
11200 Corporate Ave., Suite 110 Lenexa, Kansas 66219

A NEW RESIDENTIAL COMMUNITY AT::

TRILOGY

NW WARD RD. I LEE'S SUMMIT, MO

DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

△REVISIONS

1	23 0411	CITY COMMENTS
2	23 0428	ADD 1 / CC 2

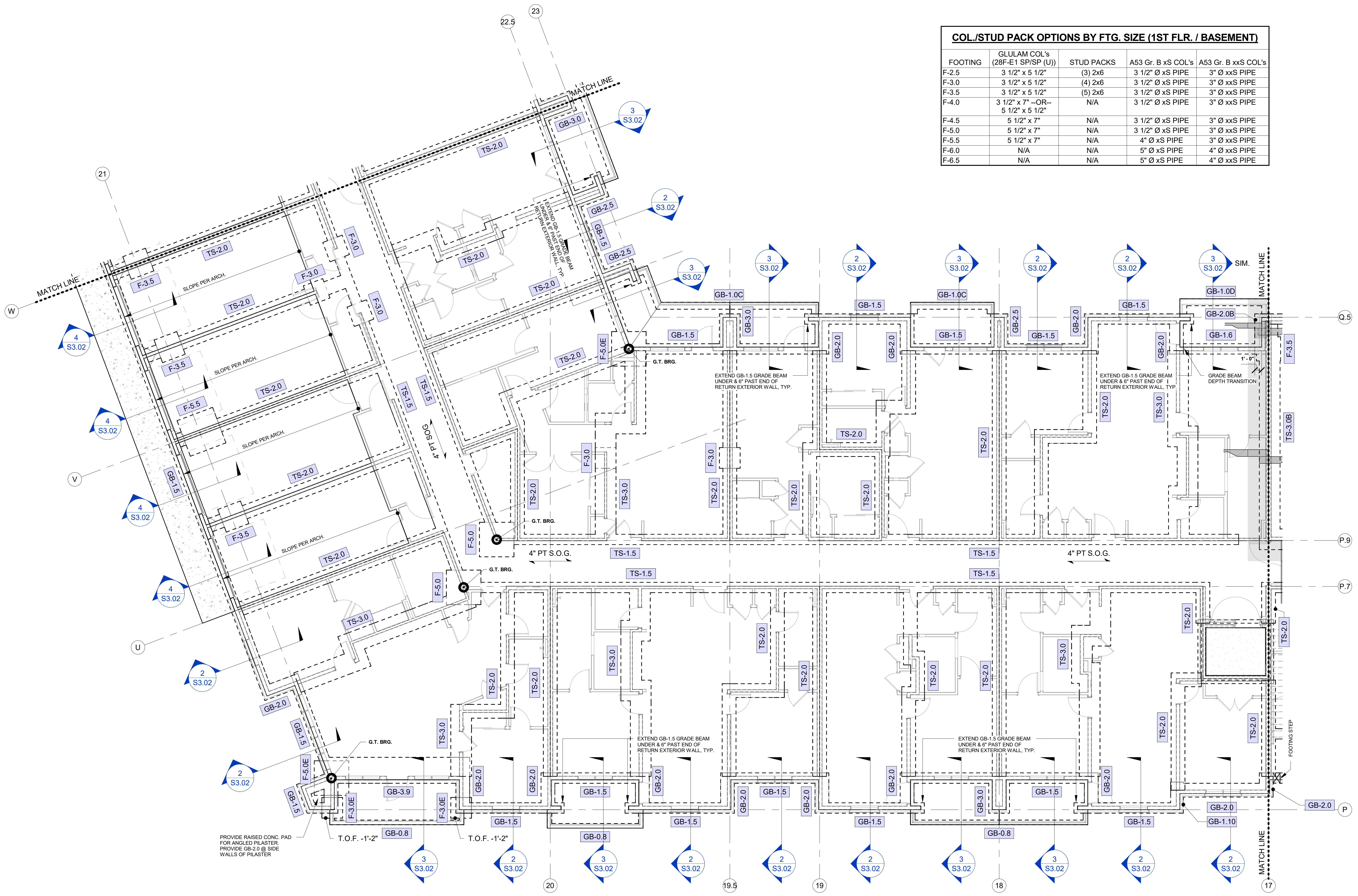
JOB NO.
PN1129
DATE
03/15/23
DRAWN BY
KSE

4.11.2023
CITY COMMENTS

SHEET NAME
SEG (B) 2ND & 3RD FLOOR FRAMING PLANS
SHEET NO.
S2.10

4/28/2023 6:34:46 PM

ARCH E1 30" x 42"



SEGMENT C - 1ST FLOOR FOUNDATION PLAN

1

1/8" = 1'-0"

NOTES:
1. REFER TO "PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES" ON THIS SHEET.

COL./STUD PACK OPTIONS BY FTG. SIZE (1ST FLR. / BASEMENT)

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F-3.0	3 1/2" x 5 1/2"	(4) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-3.5	3 1/2" x 5 1/2"	(5) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-4.0	3 1/2" x 7" --OR-- 5 1/2" x 5 1/2"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-4.5	5 1/2" x 7"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-5.0	5 1/2" x 7"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-5.5	5 1/2" x 7"	N/A	4" Ø xS PIPE	3" Ø xxS PIPE
F-6.0	N/A	N/A	5" Ø xS PIPE	4" Ø xxS PIPE
F-6.5	N/A	N/A	5" Ø xS PIPE	4" Ø xxS PIPE

PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES:

1. REFER TO GENERAL NOTES ON SHEET S0.01.
2. REFER TO TYPICAL DETAILS ON S3.00 SERIES. SHEETS. SECTIONS NOT OTHERWISE INDICATED ON PLAN SHALL BE SIMILAR TO LIKE CONDITIONS.
3. CONFIRM ALL DIMENSIONS, ELEVATIONS, SLOPES, AND RECESSES WITH ARCH DRAWINGS.
4. AT ALL CONTINUOUS FOUNDATIONS, PROVIDE CORNER BARS PER 3/S3.00 AT ALL CORNERS AND INTERSECTIONS.
5. STRUCTURAL DATUM ELEVATION = CIVIL DATUM ELEVATION PER CIVIL DRAWINGS (VARIES PER BUILDING) AS NOTED ON PT SLAB PLANS.
6. PLACE TENDONS ON 1.5" CHAIRS.
7. LAYOUT TENDONS SUCH TO AVOID BLOCKOUTS, SHEARWALL HOLDOWNS AND COLUMN BEARING POINTS.
8. PROVIDE (2) #5 x 5'-0" AT RE-ENTRANT CORNERS, CENTERED IN SLAB DEPTH
9. PLACE FIRST STRAND ± 1'-0" FROM SLAB EDGE (U.N.O.).
10. PROVIDE FULL LENGTH TENDON PASSING CONTINUOUS BETWEEN POURS WHERE SHOWN. DO NOT TENSION UNTIL COMPLETION OF BOTH SLABS.
11. T.O.W. & T.O.F. RELATIVE TO FFE / DATUM ELEVATIONS AS NOTED ON PT SLAB PLANS & AS INDICATED IN DIM's / ELEVATIONS NOTED @ S3.00 SERIES CONCRETE DETAILS.
12. T.O.F. @ INTERIOR BLDG. FTG's = T/SLAB ELEVATION, TYP. ADJUST HEIGHTS OF FOOTINGS ACCORDINGLY WHERE OCCURS @ / ALONG SLOPED PT SLAB-ON- GRADE @ GARAGES.
13. T.O.F. @ EXTERIOR BLDG. PERIMETER FTG's = -1'-0", TYP.
14. T.O.F. @ EXTERIOR BLDG. PERIMETER FTG's @ PATIOS = -1'-2", TYP. (AS REQ'D TO MAINTAIN 8" MIN. THICKENED SLAB FOR PT TENDONS)
15. MAX. PT TENDON LENGTH = 125'-0".

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JOHN A. KRUDWIG
NUMBER PE-2005000022
04.28.23

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A NEW RESIDENTIAL COMMUNITY AT::
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NW WARD RD. I LEE'S SUMMIT, MO

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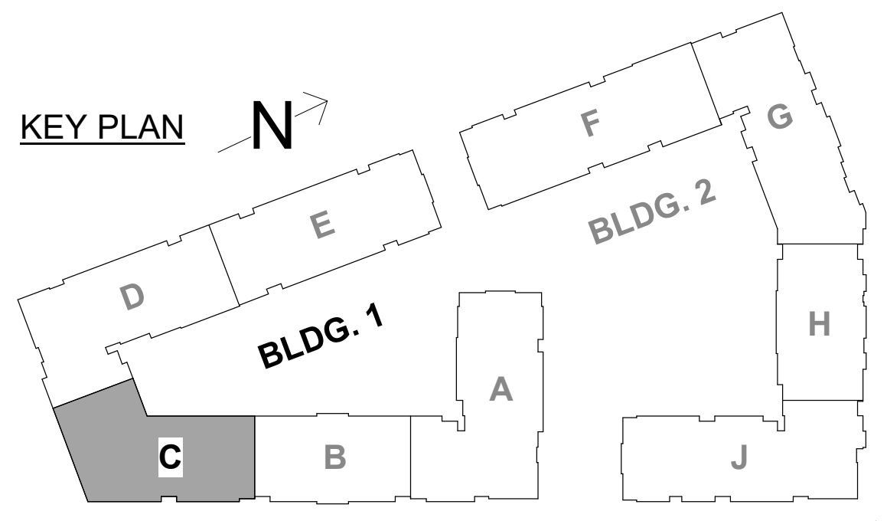
- 03.15.2023 - PERMIT SUBMITTAL

REVISIONS

1	23 0411	CITY COMMENTS
2	23 0428	ADD 1 / CC 2

KEY PLAN



GENERAL SHEET REVISIONS:
1. GRADE BEAM (GB), THICKENED SLAB (TS) & STRIP FTG. (SF) SIZES UPDATED PER FTG. SCHEDULE UPDATES / REVISIONS.
2. FDTN. WALLS ADDED IN LIEU OF GRADE BEAMS WHERE NOTED.
3. RE: FDTN. DETAIL SHEETS FOR UPDATES / REVISIONS TO CONC. SECTION DETAILS.

2

JOB NO.
PN1129
DATE
03/15/23
DRAWN BY
KSE

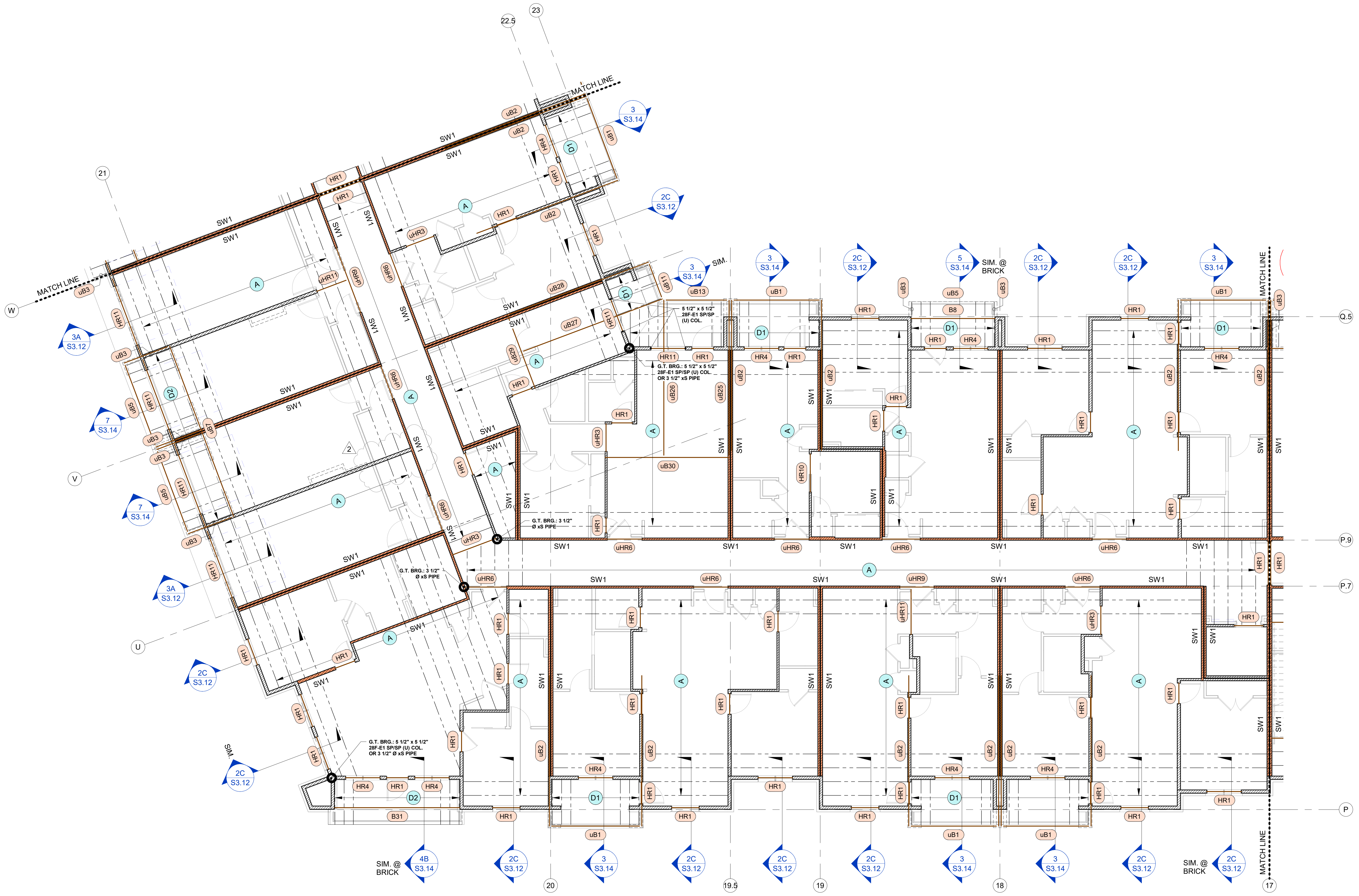
4.11.2023
CITY COMMENTS

SHEET NAME
SEG (C) 1ST FLOOR FDN. PLAN

SHEET NO.
S2.13

4/28/2023 6:36:04 PM

ARCH E1 30" x 42"

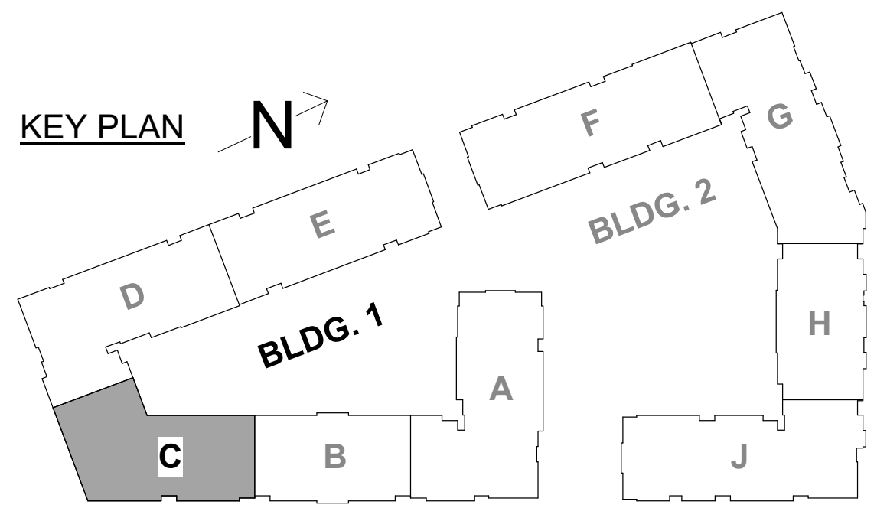


MATCH LINE
21
22.5
23
W
V
U
Q.5
P.9
P.7
P
20
19.5
19
18
17
SW1
HR1
HR4
HR11
uB1
uB2
uB13
uB25
uB26
uB30
uHR3
uHR6
uHR9
B8
B31
D1
D2
A
2
3 S3.14
2C S3.12
3A S3.12
7 S3.14
5 S3.14
4B S3.14
SIM.
SIM. @ BRICK
5 1/2" x 5 1/2" 28F-E1 SP/SP (U) COL.
G.T. BRG.: 5 1/2" x 5 1/2" 28F-E1 SP/SP (U) COL. OR 3 1/2" xS PIPE
G.T. BRG.: 3 1/2" Ø xS PIPE
G.T. BRG.: 5 1/2" x 5 1/2" 28F-E1 SP/SP (U) COL. OR 3 1/2" Ø xS PIPE

1 SEGMENT C - 2ND FLOOR FRAMING PLAN

1/8" = 1'-0"

KEY PLAN



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NUMBER PE-2005000022
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- 03.15.2023 - PERMIT SUBMITTAL

REVISIONS

2 23 0428 ADD 1 / CC 2

JOB NO.	DATE
PN1129	03/15/23

DRAWN BY
KSE

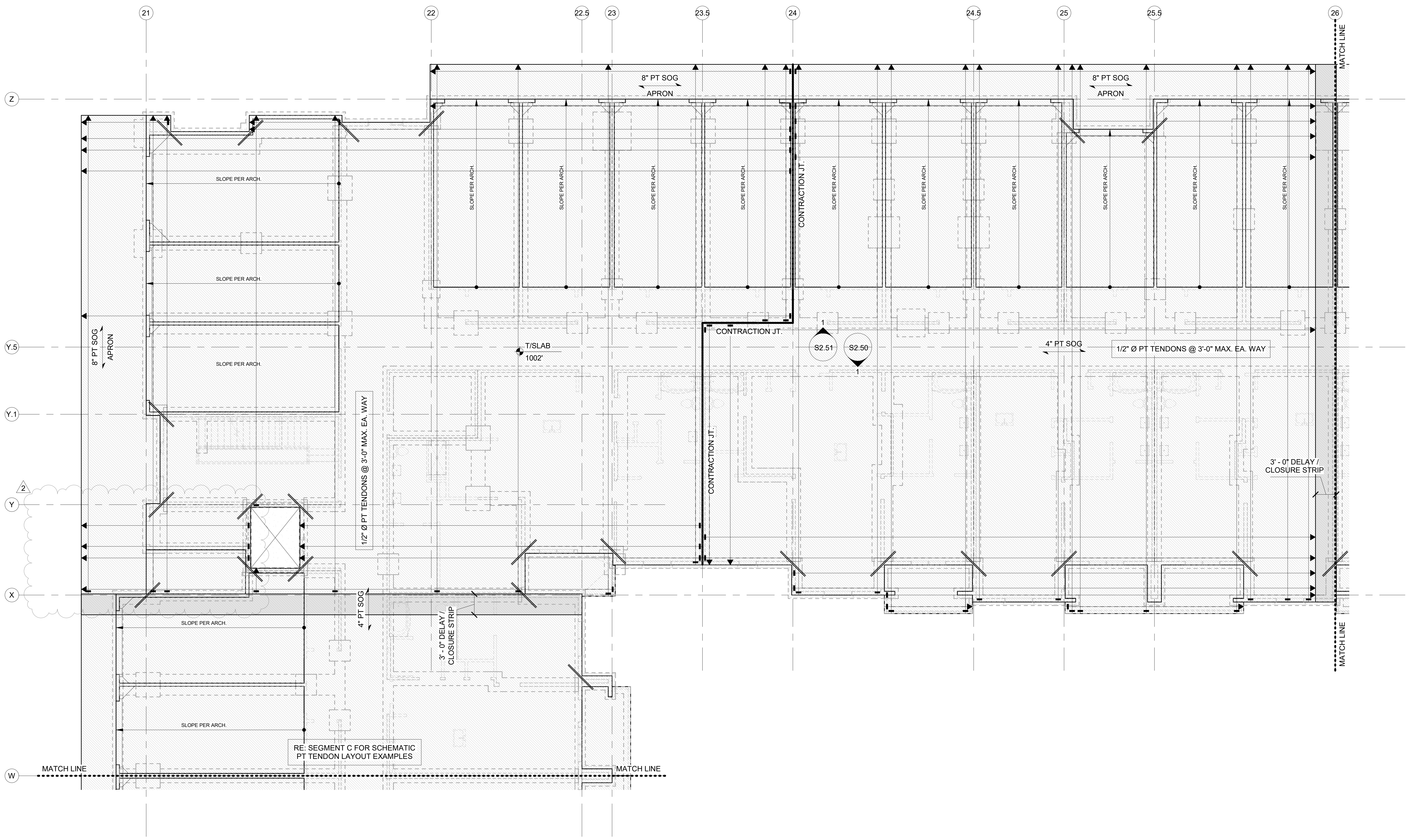
4.11.2023
CITY COMMENTS

SHEET NAME
SEG (C) 2ND FLOOR FRAMING PLAN

SHEET NO.
S2.14

4/28/2023 6:36:24 PM

ARCH E1 30" x 42"



1 SEGMENT D - 1ST FLOOR PT SLAB PLAN

1/8" = 1'-0"

NOTES:
1. REFER TO "PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES" ON THIS SHEET.

PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES:

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6. PLACE TENDONS ON 1.5" CHAIRS.
7. LAYOUT TENDONS SUCH TO AVOID BLOCKOUTS, SHEARWALL HOLDOWNS AND COLUMN BEARING POINTS.
8. PROVIDE (2) #5 x 5'-0" AT RE-ENTRANT CORNERS, CENTERED IN SLAB DEPTH
9. PLACE FIRST STRAND ± 1'-0" FROM SLAB EDGE (U.N.O.).
10. PROVIDE FULL LENGTH TENDON PASSING CONTINUOUS BETWEEN POURS WHERE SHOWN. DO NOT TENSION UNTIL COMPLETION OF BOTH SLABS.
11. T.O.W. & T.O.F. RELATIVE TO FFE / DATUM ELEVATIONS AS NOTED ON PT SLAB PLANS & AS INDICATED IN DIM's / ELEVATIONS NOTED @ S3.00 SERIES CONCRETE DETAILS.
12. T.O.F. @ INTERIOR BLDG. FTG's = T/SLAB ELEVATION, TYP. ADJUST HEIGHTS OF FOOTINGS ACCORDINGLY WHERE OCCURS @ / ALONG SLOPED PT SLAB-ON- GRADE @ GARAGES.
13. T.O.F. @ EXTERIOR BLDG. PERIMETER FTG's = -1'-0", TYP.
14. T.O.F. @ EXTERIOR BLDG. PERIMETER FTG's @ PATIOS = -1'-2", TYP. (AS REQ'D TO MAINTAIN 8" MIN. THICKENED SLAB FOR PT TENDONS)
15. MAX. PT TENDON LENGTH = 125'-0".

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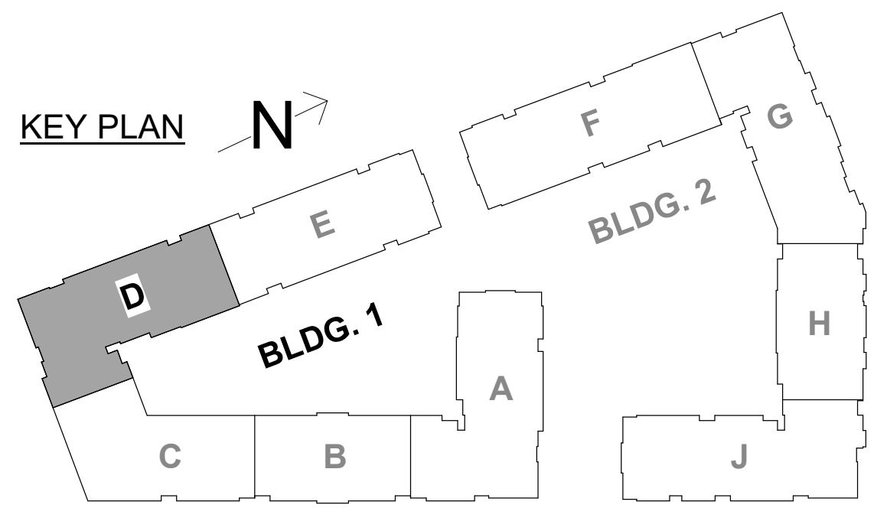
△REVISIONS

1	23 0411	CITY COMMENTS
2	23 0428	ADD 1 / CC 2

KEY PLAN



JOB NO. PN1129
DATE 03/15/23
DRAWN BY KSE

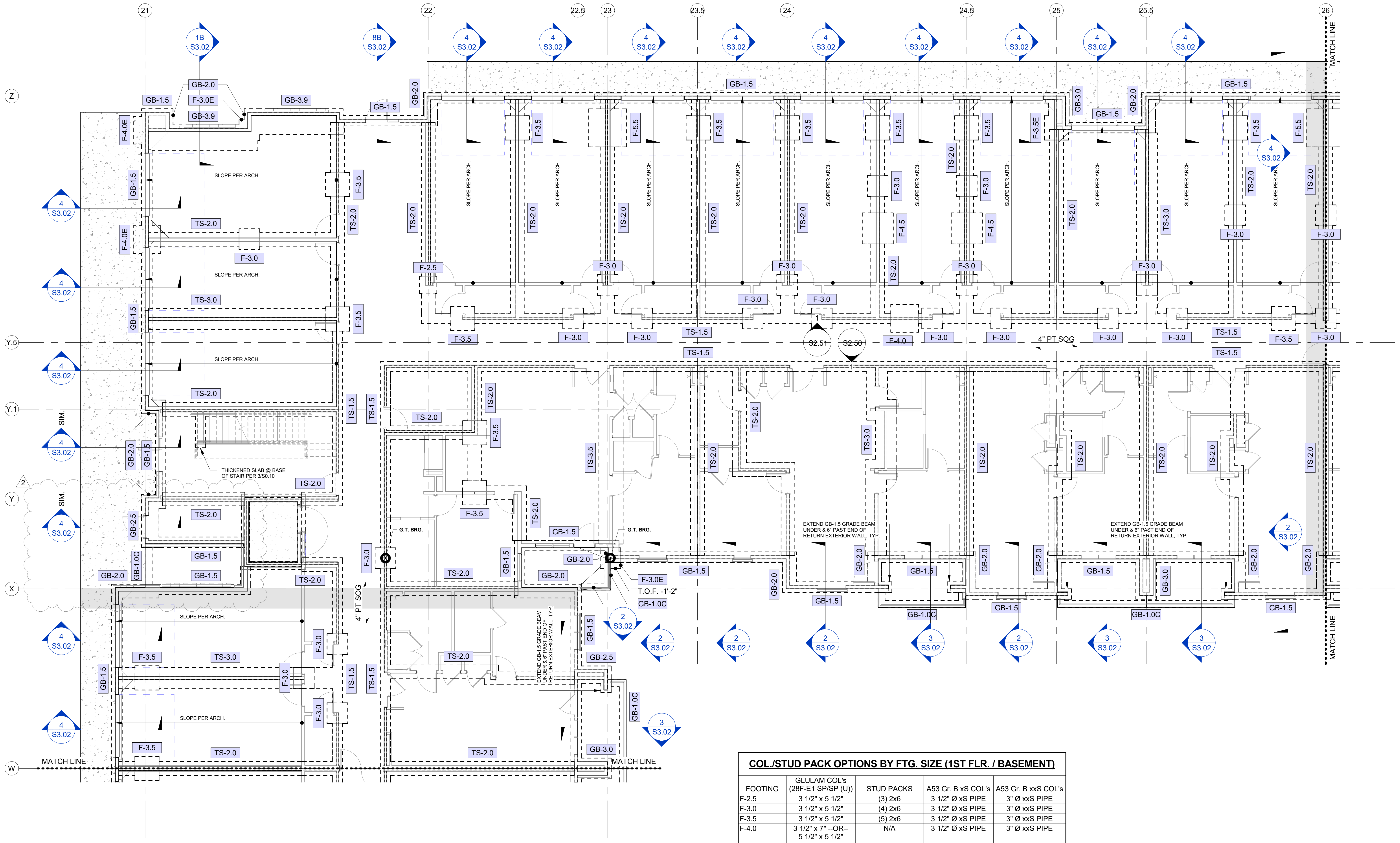
4.11.2023
CITY COMMENTS

SHEET NAME
SEG (D) 1ST FLOOR PT SLAB PLAN

SHEET NO.
S2.18

4/28/2023 6:37:54 PM

ARCH E1 30" x 42"



SEGMENT D - 1ST FLOOR FOUNDATION PLAN

1 — 1/8" = 1'-0"

NOTES:
1. REFER TO "PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES" ON THIS SHEET.

COL./STUD PACK OPTIONS BY FTG. SIZE (1ST FLR. / BASEMENT)

FOOTING	GLULAM COL's (28F-E1 SP/SP (U))	STUD PACKS	A53 Gr. B xS COL's	A53 Gr. B xxS COL's
F-2.5	3 1/2" x 5 1/2"	(3) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-3.0	3 1/2" x 5 1/2"	(4) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-3.5	3 1/2" x 5 1/2"	(5) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-4.0	3 1/2" x 7" --OR-- 5 1/2" x 5 1/2"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-4.5	5 1/2" x 7"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-5.0	5 1/2" x 7"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-5.5	5 1/2" x 7"	N/A	4" Ø xS PIPE	3" Ø xxS PIPE
F-6.0	N/A	N/A	5" Ø xS PIPE	4" Ø xxS PIPE
F-6.5	N/A	N/A	5" Ø xS PIPE	4" Ø xxS PIPE

PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES:

1. REFER TO GENERAL NOTES ON SHEET S0.01.
2. REFER TO TYPICAL DETAILS ON S3.00 SERIES. SHEETS. SECTIONS NOT OTHERWISE INDICATED ON PLAN SHALL BE SIMILAR TO LIKE CONDITIONS.
3. CONFIRM ALL DIMENSIONS, ELEVATIONS, SLOPES, AND RECESSES WITH ARCH DRAWINGS.
4. AT ALL CONTINUOUS FOUNDATIONS, PROVIDE CORNER BARS PER 3/S3.00 AT ALL CORNERS AND INTERSECTIONS.
5. STRUCTURAL DATUM ELEVATION = CIVIL DATUM ELEVATION PER CIVIL DRAWINGS (VARIES PER BUILDING) AS NOTED ON PT SLAB PLANS.
6. PLACE TENDONS ON 1.5" CHAIRS.
7. LAYOUT TENDONS SUCH TO AVOID BLOCKOUTS, SHEARWALL HOLDOWNS AND COLUMN BEARING POINTS.
8. PROVIDE (2) #5 x 5'-0" AT RE-ENTRANT CORNERS, CENTERED IN SLAB DEPTH
9. PLACE FIRST STRAND ± 1'-0" FROM SLAB EDGE (U.N.O.).
10. PROVIDE FULL LENGTH TENDON PASSING CONTINUOUS BETWEEN POURS WHERE SHOWN. DO NOT TENSION UNTIL COMPLETION OF BOTH SLABS.
11. T.O.W. & T.O.F. RELATIVE TO FFE / DATUM ELEVATIONS AS NOTED ON PT SLAB PLANS & AS INDICATED IN DIM's / ELEVATIONS NOTED @ S3.00 SERIES CONCRETE DETAILS.
12. T.O.F. @ INTERIOR BLDG. FTG's = T/SLAB ELEVATION, TYP. ADJUST HEIGHTS OF FOOTINGS ACCORDINGLY WHERE OCCURS @ / ALONG SLOPED PT SLAB-ON- GRADE @ GARAGES.
13. T.O.F. @ EXTERIOR BLDG. PERIMETER FTG's = -1'-0", TYP.
14. T.O.F. @ EXTERIOR BLDG. PERIMETER FTG's @ PATIOS = -1'-2", TYP. (AS REQ'D TO MAINTAIN 8" MIN. THICKENED SLAB FOR PT TENDONS)
15. MAX. PT TENDON LENGTH = 125'-0".

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F. 913.831.1563
NSPJARCH.COM

JOHN A. KRUDWIG
NUMBER PE-2005000022
04.28.23

KRUDWIG
STRUCTURAL ENGINEERS INC
11200 Corporate Ave., Suite 110 Lenexa, Kansas 66219

A NEW RESIDENTIAL COMMUNITY AT::

TRILOGY

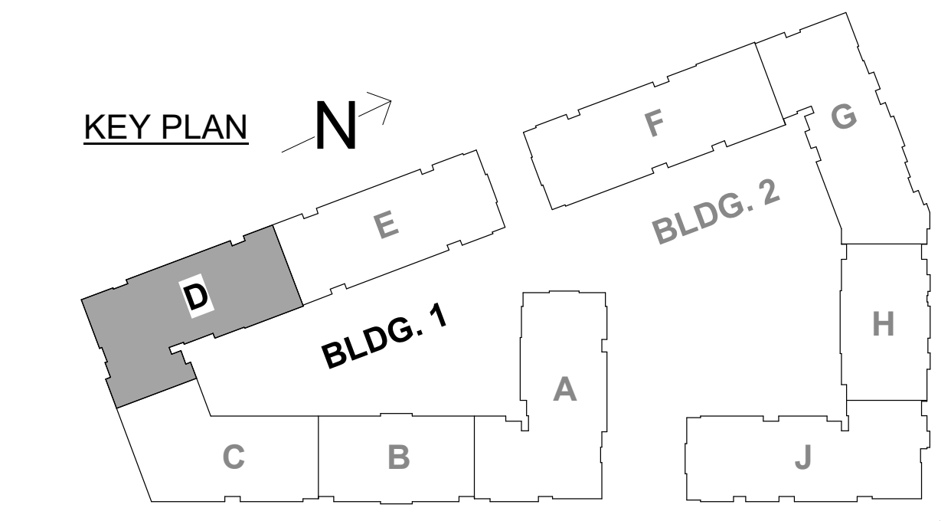
NW WARD RD. | LEE'S SUMMIT, MO

DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

REVISIONS

1	23 0411	CITY COMMENTS
2	23 0428	ADD 1 / CC 2

KEY PLAN



2

GENERAL SHEET REVISIONS:
1. GRADE BEAM (GB), THICKENED SLAB (TS) & STRIP FTG. (SF) SIZES UPDATED PER FTG. SCHEDULE UPDATES / REVISIONS.
2. FDTN. WALLS ADDED IN LIEU OF GRADE BEAMS WHERE NOTED.
3. RE: FDTN. DETAIL SHEETS FOR UPDATES / REVISIONS TO CONC. SECTION DETAILS.

JOB NO.
PN1129
DATE
03/15/23
DRAWN BY
KSE

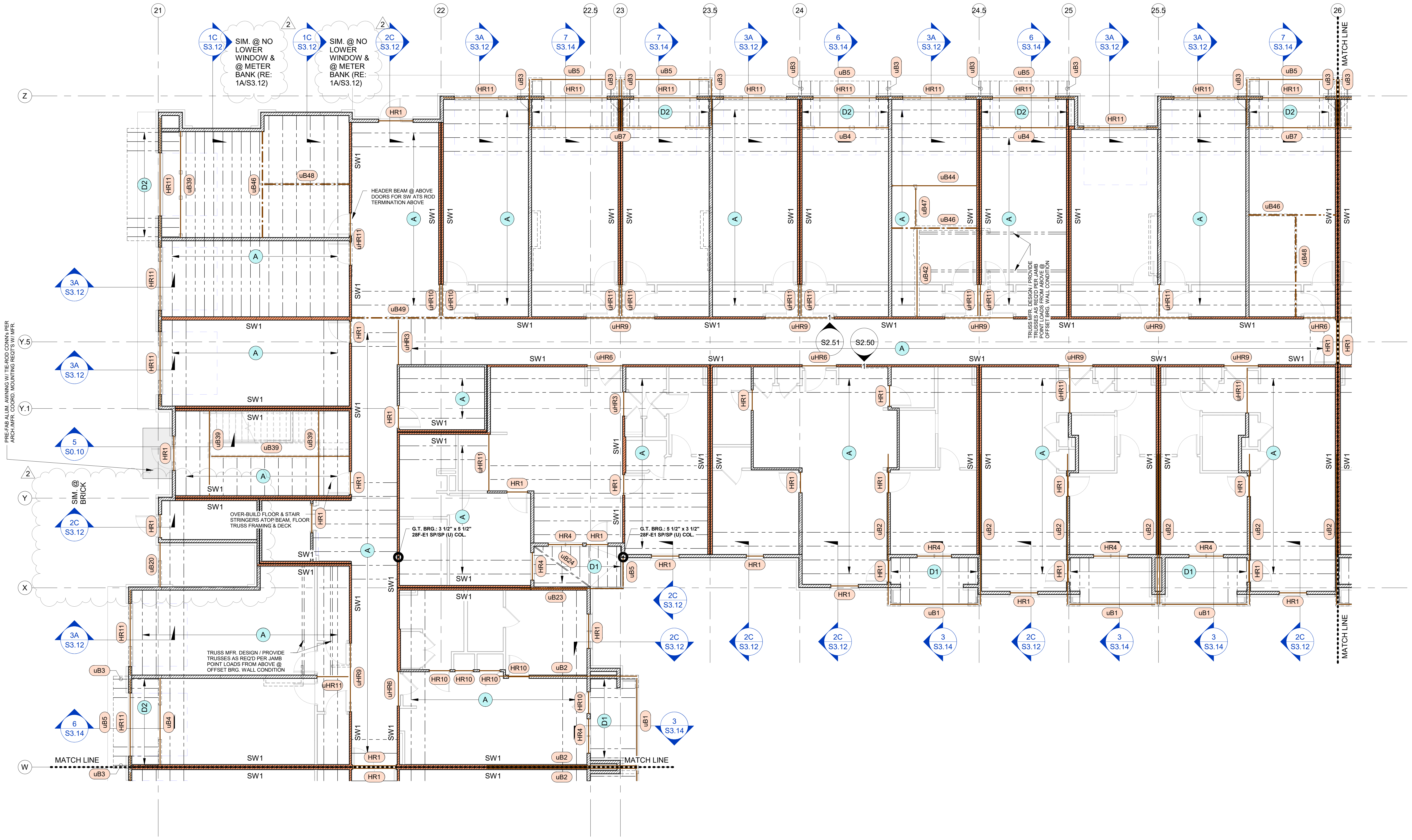
4.11.2023
CITY COMMENTS

SHEET NAME
SEG (D) 1ST FLOOR FDN. PLAN

SHEET NO.
S2.19

4/28/2023 5:38:10 PM

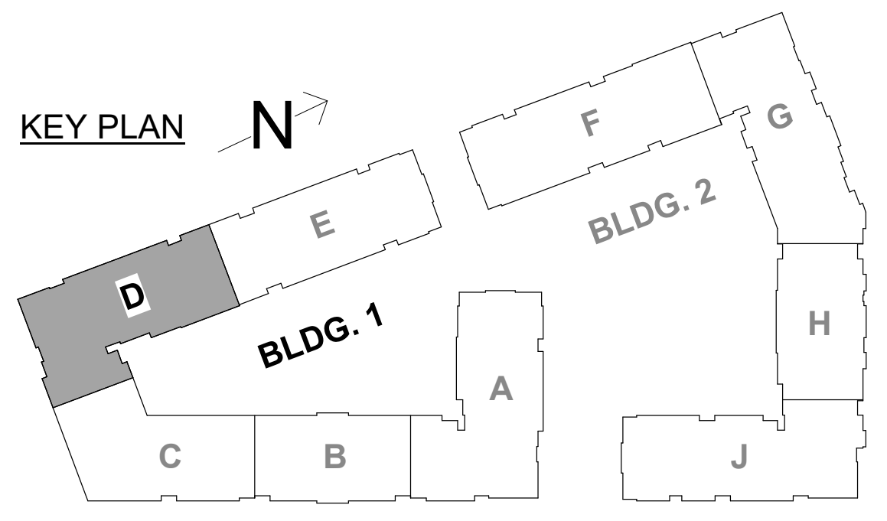
ARCH E1 30" x 42"



21
22
22.5
23
23.5
24
24.5
25
25.5
26
Z
Y.5
Y.1
Y
X
W
1C S3.12
2C S3.12
3A S3.12
7 S3.14
6 S3.14
3 S3.14
5 S0.10
2
SIM. @ NO LOWER WINDOW & @ METER BANK (RE: 1A/S3.12)
HEADER BEAM @ ABOVE DOORS FOR SW ATS ROD TERMINATION ABOVE
PRE-FAB ALUM. AWNING W/ TIE-ROD CONN's PER ARCH./MFR. COORD. MOUNTING REQT'S W/ MFR.
SIM. @ BRICK
OVER-BUILD FLOOR & STAIR STRINGERS ATOP BEAM, FLOOR TRUSS FRAMING & DECK
G.T. BRG.: 3 1/2" x 5 1/2" 28F-E1 SP/SP (U) COL.
G.T. BRG.: 5 1/2" x 3 1/2" 28F-E1 SP/SP (U) COL.
TRUSS MFR. DESIGN / PROVIDE TRUSSES AS REQ'D PER JAMB POINT LOADS FROM ABOVE @ OFFSET BRG. WALL CONDITION
S2.51
S2.50
MATCH LINE
SW1
HR1
HR4
HR10
HR11
uHR6
uHR9
uHR11
uB1
uB2
uB3
uB4
uB5
uB7
uB20
uB23
uB24
uB39
uB42
uB44
uB46
uB47
uB48
uB49
D1
D2
A

SEGMENT D - 2ND FLOOR FRAMING PLAN

1 1/8" = 1'-0"



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PRAIRIE VILLAGE, KS 66208

STATE OF MISSOURI
JOHN A. KRUDWIG
NUMBER PE-2005000022
PROFESSIONAL ENGINEER
04.28.23

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STRUCTURAL ENGINEERS INC
11200 Corporate Ave., Suite 110 Lenexa, Kansas 66219

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TRILOGY
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REVISIONS

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2	23 0428	ADD 1 / CC 2

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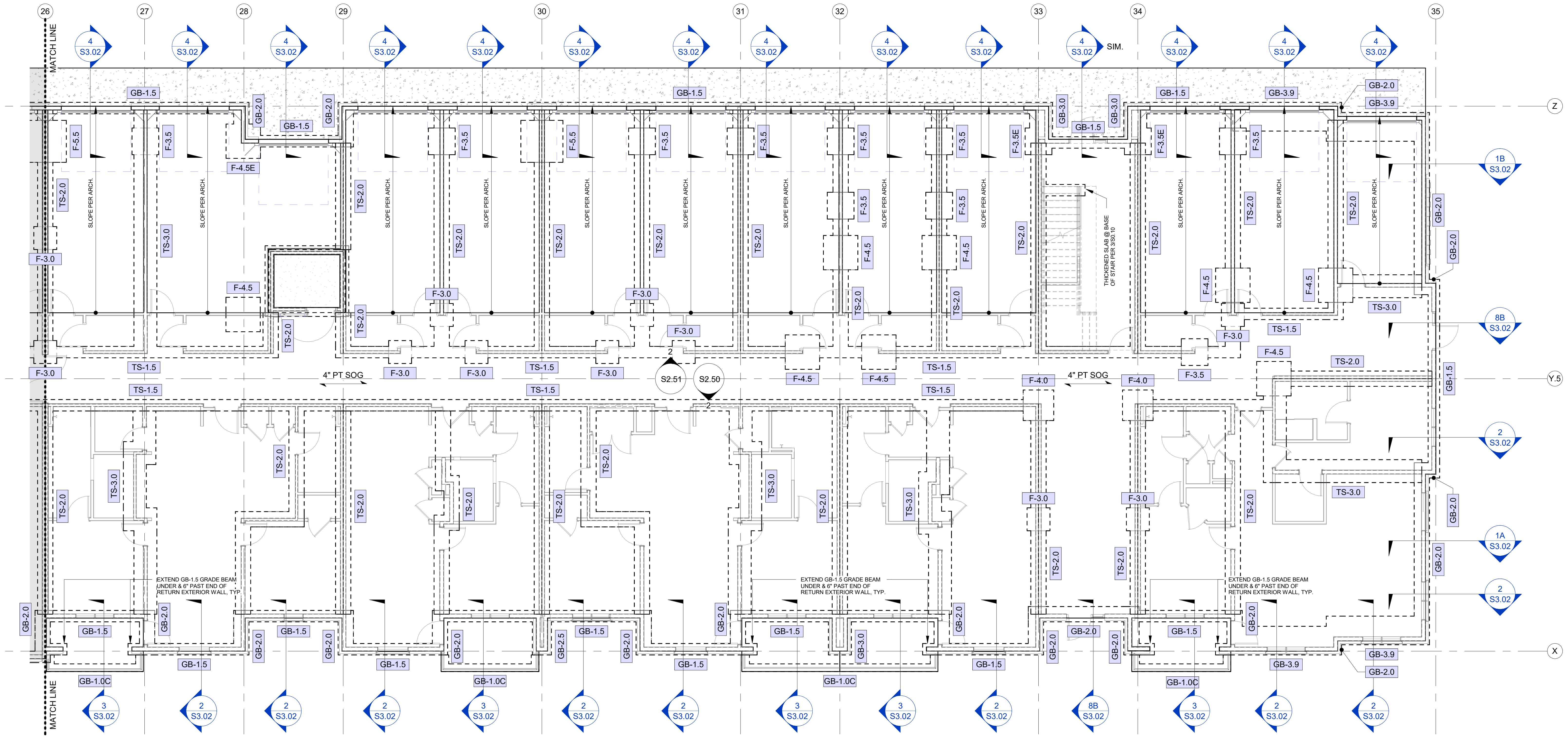
PN1129
DATE
03/15/23
DRAWN BY
KSE
4.11.2023
CITY COMMENTS
SHEET NAME
SEG (D) 2ND FLOOR FRAMING PLAN
SHEET NO.
S2.20

4/28/2023 5:38:33 PM

ARCH E1 30" x 42"

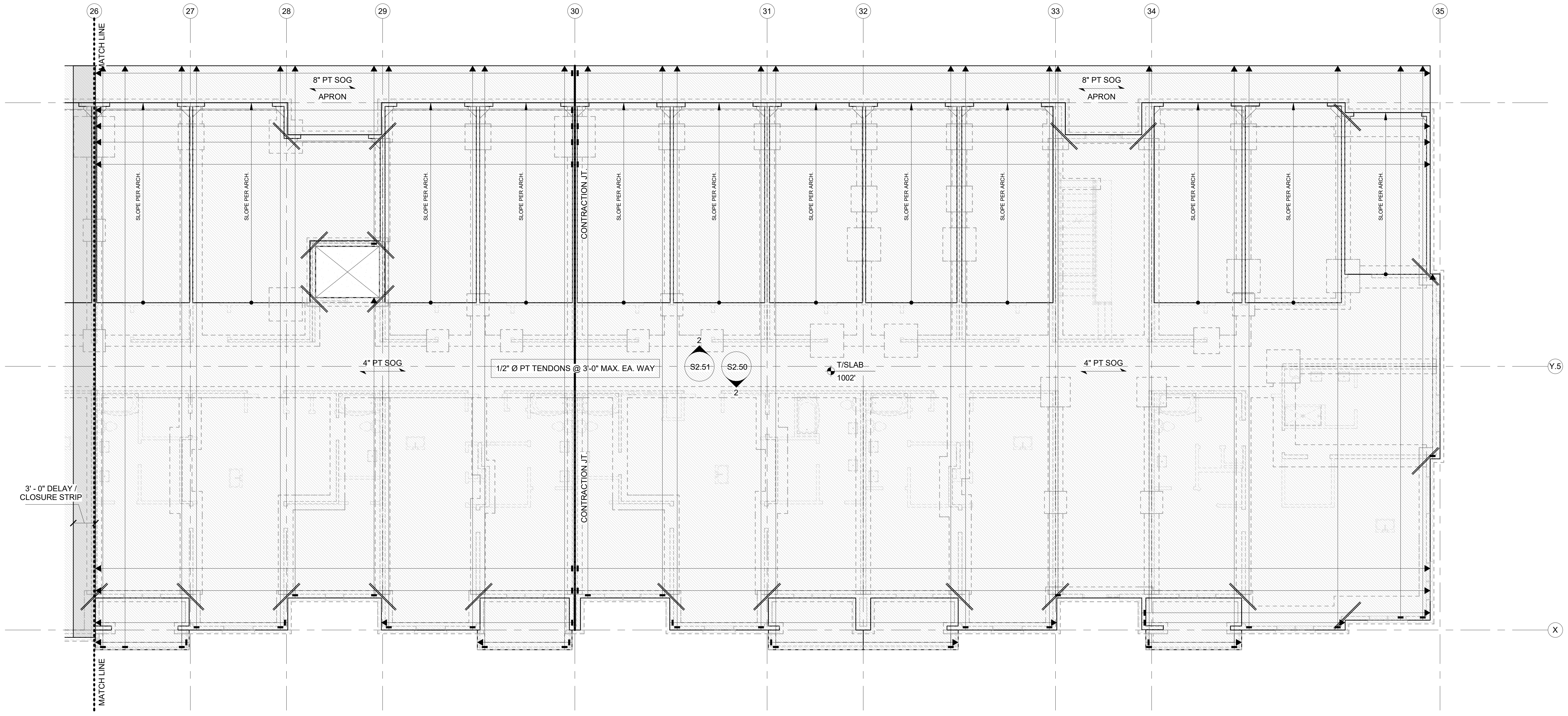


SEGMENT E - 1ST FLOOR FOUNDATION PLAN

1

1/8" = 1'-0"

NOTES:
1. REFER TO "PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES" ON THIS SHEET.



SEGMENT E - 1ST FLOOR PT SLAB PLAN

2

1/8" = 1'-0"

NOTES:
1. REFER TO "PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES" ON THIS SHEET.

COL./STUD PACK OPTIONS BY FTG. SIZE (1ST FLR. / BASEMENT)

FOOTING	GLULAM COL's (28F-E1 SP/SP (U))	STUD PACKS	A53 Gr. B xS COL's	A53 Gr. B xxS COL's
F-2.5	3 1/2" x 5 1/2"	(3) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-3.0	3 1/2" x 5 1/2"	(4) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-3.5	3 1/2" x 5 1/2"	(5) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-4.0	3 1/2" x 7" --OR-- 5 1/2" x 5 1/2"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-4.5	5 1/2" x 7"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-5.0	5 1/2" x 7"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-5.5	5 1/2" x 7"	N/A	4" Ø xS PIPE	3" Ø xxS PIPE
F-6.0	N/A	N/A	5" Ø xS PIPE	4" Ø xxS PIPE
F-6.5	N/A	N/A	5" Ø xS PIPE	4" Ø xxS PIPE

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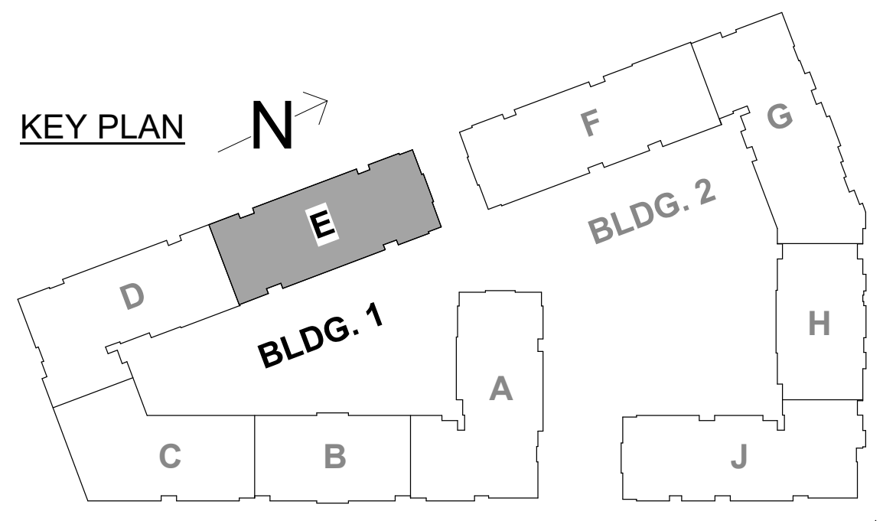
7. LAYOUT TENDONS SUCH TO AVOID BLOCKOUTS, SHEARWALL HOLDOWNS AND COLUMN BEARING POINTS.
8. PROVIDE (2) #5 x 5'-0" AT RE-ENTRANT CORNERS, CENTERED IN SLAB DEPTH
9. PLACE FIRST STRAND ± 1'-0" FROM SLAB EDGE (U.N.O.).
10. PROVIDE FULL LENGTH TENDON PASSING CONTINUOUS BETWEEN POURS WHERE SHOWN. DO NOT TENSION UNTIL COMPLETION OF BOTH SLABS.
11. T.O.W. & T.O.F. RELATIVE TO FFE / DATUM ELEVATIONS AS NOTED ON PT SLAB PLANS & AS INDICATED IN DIM's / ELEVATIONS NOTED @ S3.00 SERIES CONCRETE DETAILS.
12. T.O.F. @ INTERIOR BLDG. FTG's = T/SLAB ELEVATION, TYP. ADJUST HEIGHTS OF FOOTINGS ACCORDINGLY WHERE OCCURS @ / ALONG SLOPED PT SLAB-ON- GRADE @ GARAGES.
13. T.O.F. @ EXTERIOR BLDG. PERIMETER FTG's = -1'-0", TYP.
14. T.O.F. @ EXTERIOR BLDG. PERIMETER FTG's @ PATIOS = -1'-2", TYP. (AS REQ'D TO MAINTAIN 8" MIN. THICKENED SLAB FOR PT TENDONS)
15. MAX. PT TENDON LENGTH = 125'-0".

KEY PLAN



GENERAL SHEET REVISIONS:
1. GRADE BEAM (GB), THICKENED SLAB (TS) & STRIP FTG. (SF) SIZES UPDATED PER FTG. SCHEDULE UPDATES / REVISIONS.
2. FDTN. WALLS ADDED IN LIEU OF GRADE BEAMS WHERE NOTED.
3. RE: FDTN. DETAIL SHEETS FOR UPDATES / REVISIONS TO CONC. SECTION DETAILS.

2

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REVISIONS

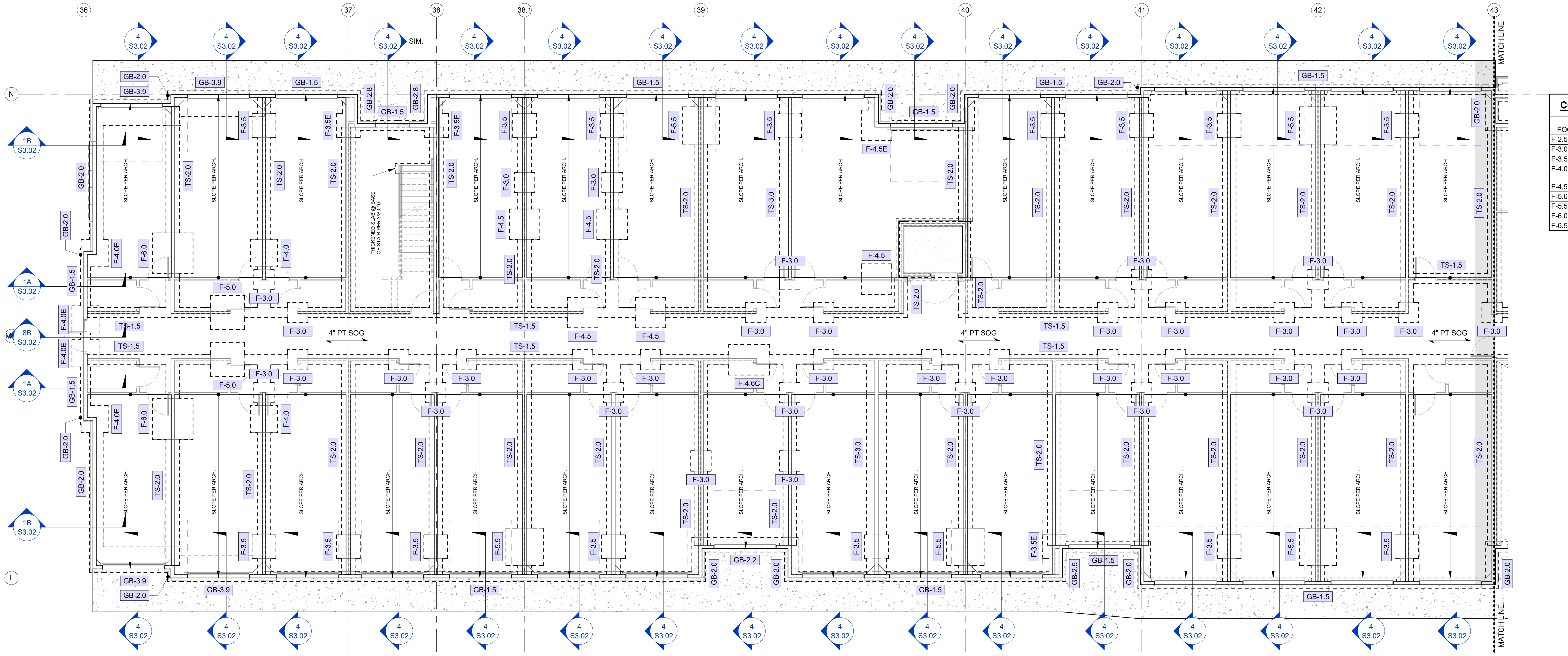
1	23 0411	CITY COMMENTS
2	23 0428	ADD 1 / CC 2

JOB NO.
PN1129
DATE
03/15/23
DRAWN BY
KSE

4.11.2023
CITY COMMENTS

SHEET NAME
SEG (E) 1ST FLOOR PT SLAB & FDN. PLANS
SHEET NO.
S2.24

4/28/2023 6:40:18 PM



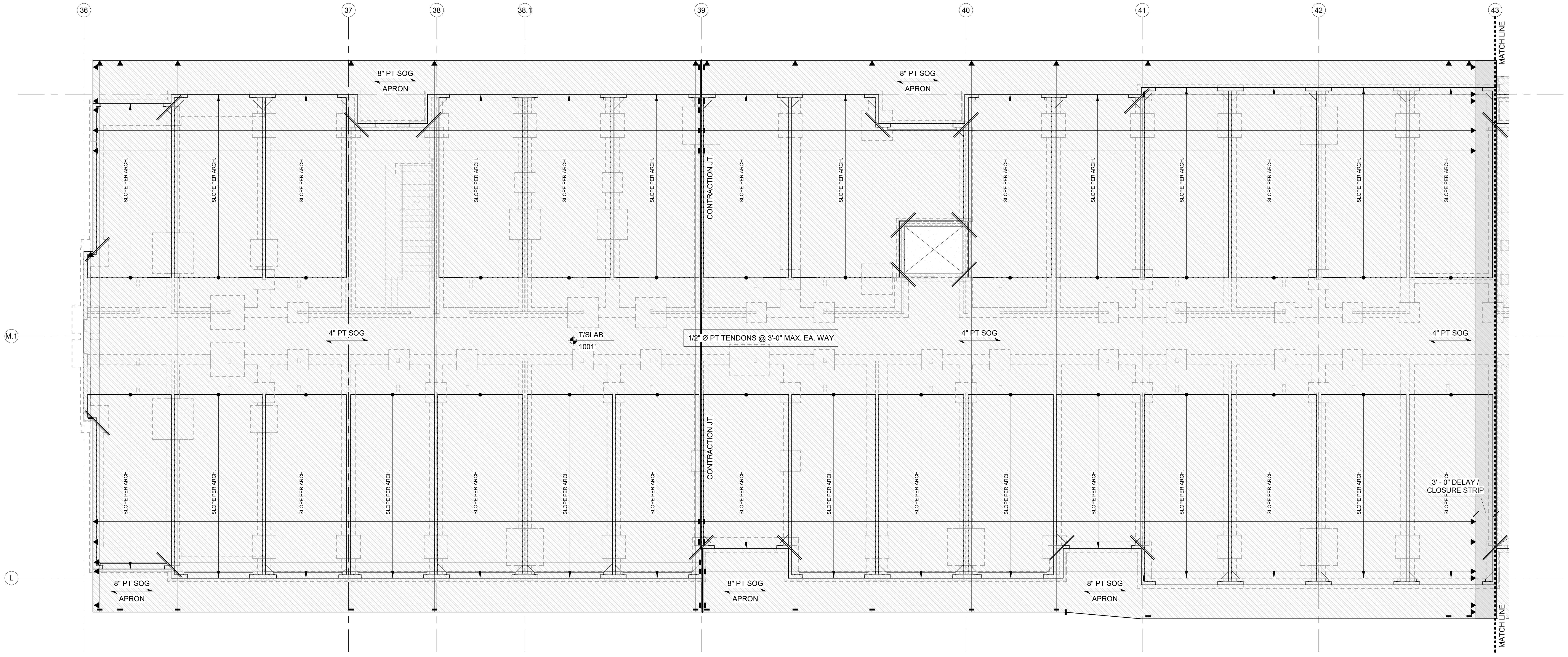
SEGMENT F - 1ST FLOOR FOUNDATION PLAN

1

1/8" = 1'-0"

NOTES:

1. REFER TO "PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES" ON THIS SHEET.



SEGMENT F - 1ST FLOOR PT SLAB PLAN

2

1/8" = 1'-0"

NOTES:

1. REFER TO "PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES" ON THIS SHEET.

COL./STUD PACK OPTIONS BY FTG. SIZE (1ST FLR. / BASEMENT)

FOOTING	GLULAM COL's (28F-E1 SP/SP (U))	STUD PACKS	A53 Gr. B xS COL's	A53 Gr. B xxS COL's
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F-3.0	3 1/2" x 5 1/2"	(4) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-3.5	3 1/2" x 5 1/2"	(5) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-4.0	3 1/2" x 7" --OR-- 5 1/2" x 5 1/2"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-4.5	5 1/2" x 7"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-5.0	5 1/2" x 7"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-5.5	5 1/2" x 7"	N/A	4" Ø xS PIPE	3" Ø xxS PIPE
F-6.0	N/A	N/A	5" Ø xS PIPE	4" Ø xxS PIPE
F-6.5	N/A	N/A	5" Ø xS PIPE	4" Ø xxS PIPE

PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES:

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3. CONFIRM ALL DIMENSIONS, ELEVATIONS, SLOPES, AND RECESSES WITH ARCH DRAWINGS.
4. AT ALL CONTINUOUS FOUNDATIONS, PROVIDE CORNER BARS PER 3/S3.00 AT ALL CORNERS AND INTERSECTIONS.
5. STRUCTURAL DATUM ELEVATION = CIVIL DATUM ELEVATION PER CIVIL DRAWINGS (VARIES PER BUILDING) AS NOTED ON PT SLAB PLANS.
6. PLACE TENDONS ON 1.5" CHAIRS.
7. LAYOUT TENDONS SUCH TO AVOID BLOCKOUTS, SHEARWALL HOLDOWNS AND COLUMN BEARING POINTS.
8. PROVIDE (2) #5 x 5'-0" AT RE-ENTRANT CORNERS, CENTERED IN SLAB DEPTH
9. PLACE FIRST STRAND ± 1'-0" FROM SLAB EDGE (U.N.O.).
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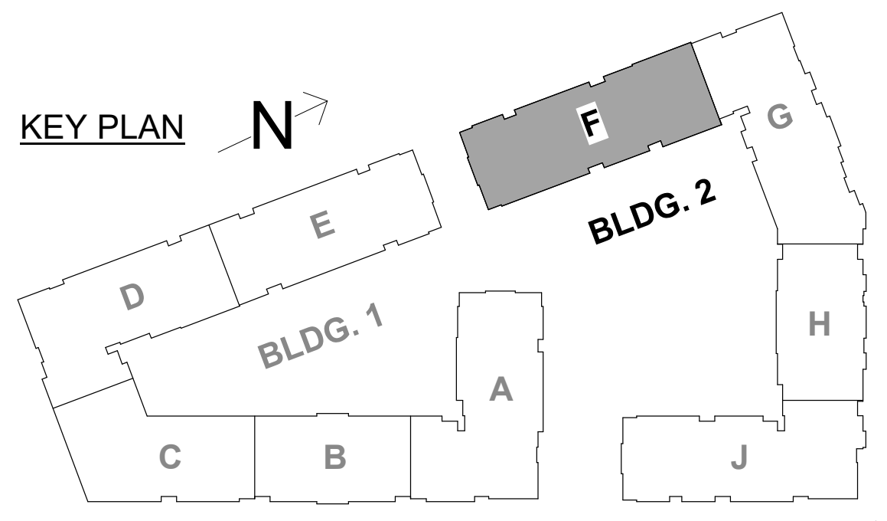
KEY PLAN



GENERAL SHEET REVISIONS:

1. GRADE BEAM (GB), THICKENED SLAB (TS) & STRIP FTG. (SF) SIZES UPDATED PER FTG. SCHEDULE UPDATES / REVISIONS.
2. FDTN. WALLS ADDED IN LIEU OF GRADE BEAMS WHERE NOTED.
3. RE: FDTN. DETAIL SHEETS FOR UPDATES / REVISIONS TO CONC. SECTION DETAILS.

2

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REVISIONS

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JOB NO.
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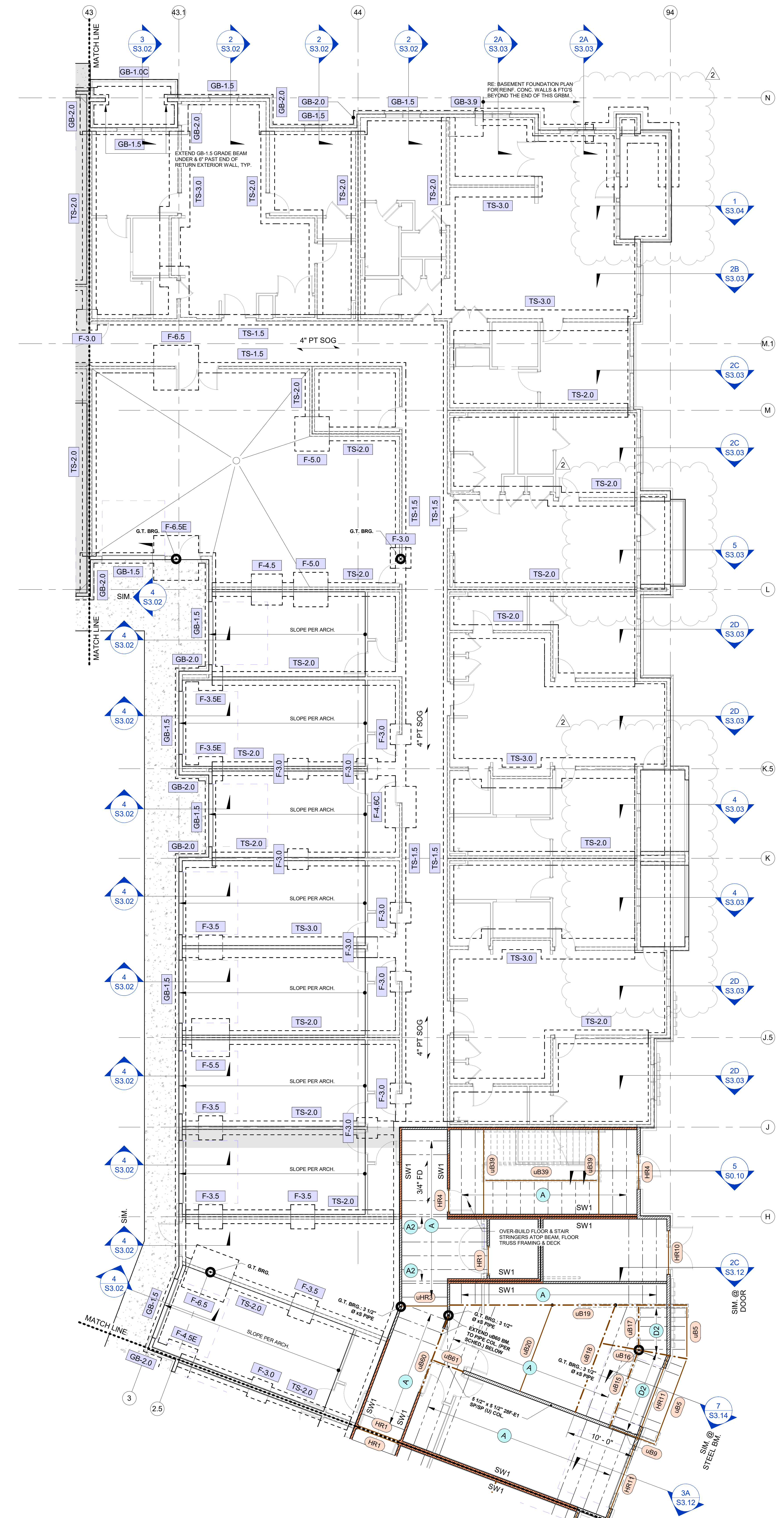
DRAWN BY
KSE

4.11.2023
CITY COMMENTS

SHEET NAME
SEG (F) 1ST FLOOR PT SLAB & FDN. PLANS

SHEET NO.
S2.36

ARCH E1 30" x 42"

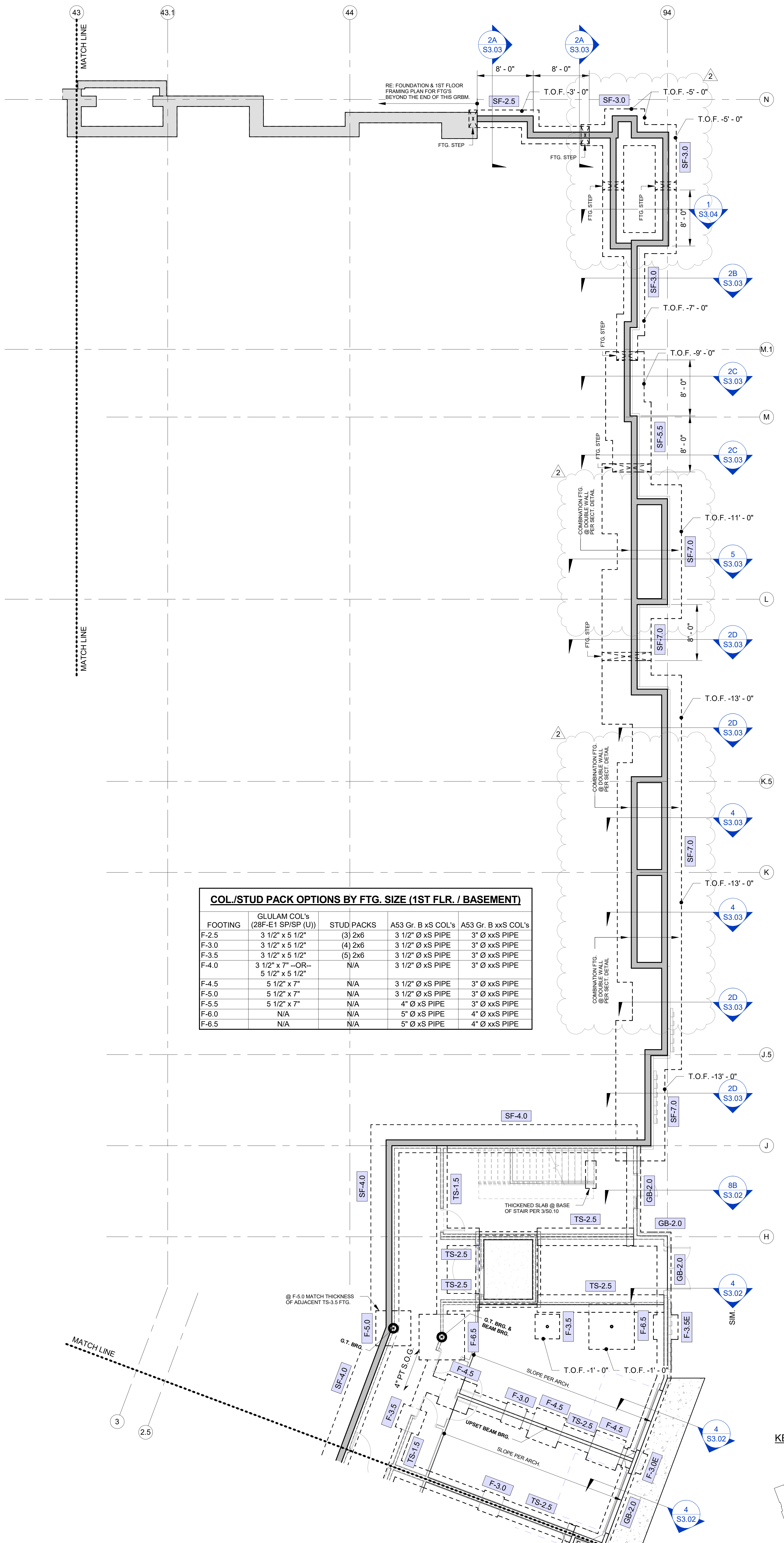


SEGMENT G - 1ST FLOOR FOUNDATION & FRAMING PLAN

1

1/8" = 1'-0"

NOTES:
1. REFER TO "PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES" ON THIS SHEET.
2. @ 1ST FLOOR FRMG. @ SEGMENTS G / H / J, TAPER GYPCRETE TOPPING TO LEVEL W/ ADJACENT SLABS-ON-GRADE AS REQ'D. COORDINATE SLOPE & LOCATIONS W/ ARCH.



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F-4.0	3 1/2" x 7" --OR-- 5 1/2" x 5 1/2"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-4.5	5 1/2" x 7"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-5.0	5 1/2" x 7"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-5.5	5 1/2" x 7"	N/A	4" Ø xS PIPE	3" Ø xxS PIPE
F-6.0	N/A	N/A	5" Ø xS PIPE	4" Ø xxS PIPE
F-6.5	N/A	N/A	5" Ø xS PIPE	4" Ø xxS PIPE

SEGMENT G - BASEMENT FOUNDATION PLAN

2

1/8" = 1'-0"

NOTES:
1. REFER TO "PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES" ON THIS SHEET.

PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES:

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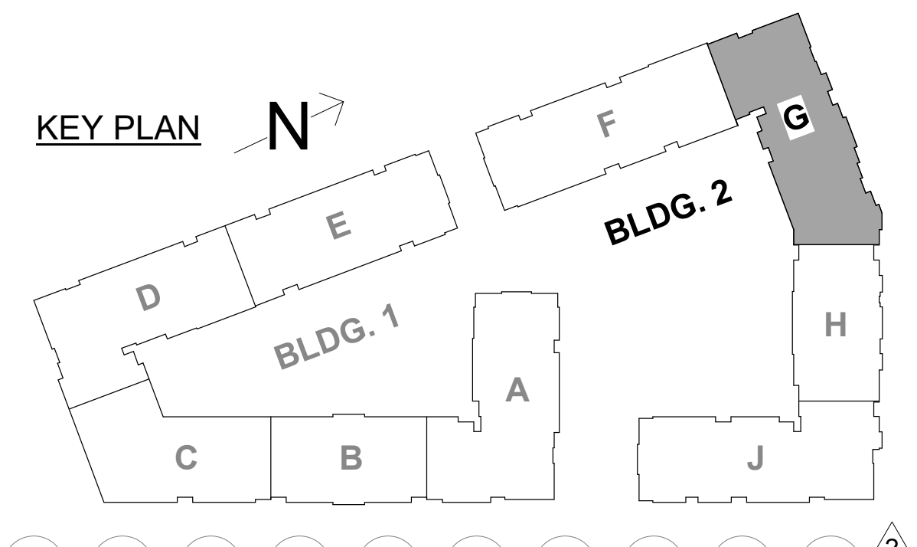
10. PROVIDE FULL LENGTH TENDON PASSING CONTINUOUS BETWEEN POURS WHERE SHOWN. DO NOT TENSION UNTIL COMPLETION OF BOTH SLABS.
11. T.O.W. & T.O.F. RELATIVE TO FFE / DATUM ELEVATIONS AS NOTED ON PT SLAB PLANS & AS INDICATED IN DIM's / ELEVATIONS NOTED @ S3.00 SERIES CONCRETE DETAILS.
12. T.O.F. @ INTERIOR BLDG. FTG's = T/SLAB ELEVATION, TYP. ADJUST HEIGHTS OF FOOTINGS ACCORDINGLY WHERE OCCURS @ / ALONG SLOPED PT SLAB-ON- GRADE @ GARAGES.
13. T.O.F. @ EXTERIOR BLDG. PERIMETER FTG's = -1'-0", TYP.
14. T.O.F. @ EXTERIOR BLDG. PERIMETER FTG's @ PATIOS = -1'-2", TYP. (AS REQ'D TO MAINTAIN 8" MIN. THICKENED SLAB FOR PT TENDONS)
15. MAX. PT TENDON LENGTH = 125'-0".

KEY PLAN



2

GENERAL SHEET REVISIONS:
1. GRADE BEAM (GB), THICKENED SLAB (TS) & STRIP FTG. (SF) SIZES UPDATED PER FTG. SCHEDULE UPDATES / REVISIONS.
2. FDTN. WALLS ADDED IN LIEU OF GRADE BEAMS WHERE NOTED.
3. RE: FDTN. DETAIL SHEETS FOR UPDATES / REVISIONS TO CONC. SECTION DETAILS.

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JOHN A. KRUDWIG
NUMBER PE-2005000022
04.28.23

KRUDWIG
STRUCTURAL ENGINEERS INC
11200 Corporate Ave., Suite 110 Lenexa, Kansas 66219

A NEW RESIDENTIAL COMMUNITY AT::
TRILOGY
NW WARD RD. | LEE'S SUMMIT, MO

DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

△REVISIONS

1	23 0411	CITY COMMENTS
2	23 0428	ADD 1 / CC 2

JOB NO. PN1129
DATE 03/15/23
DRAWN BY KSE

4.11.2023
CITY COMMENTS

SHEET NAME
SEG (G) FDN. & 1ST FLOOR FRAMING PLANS

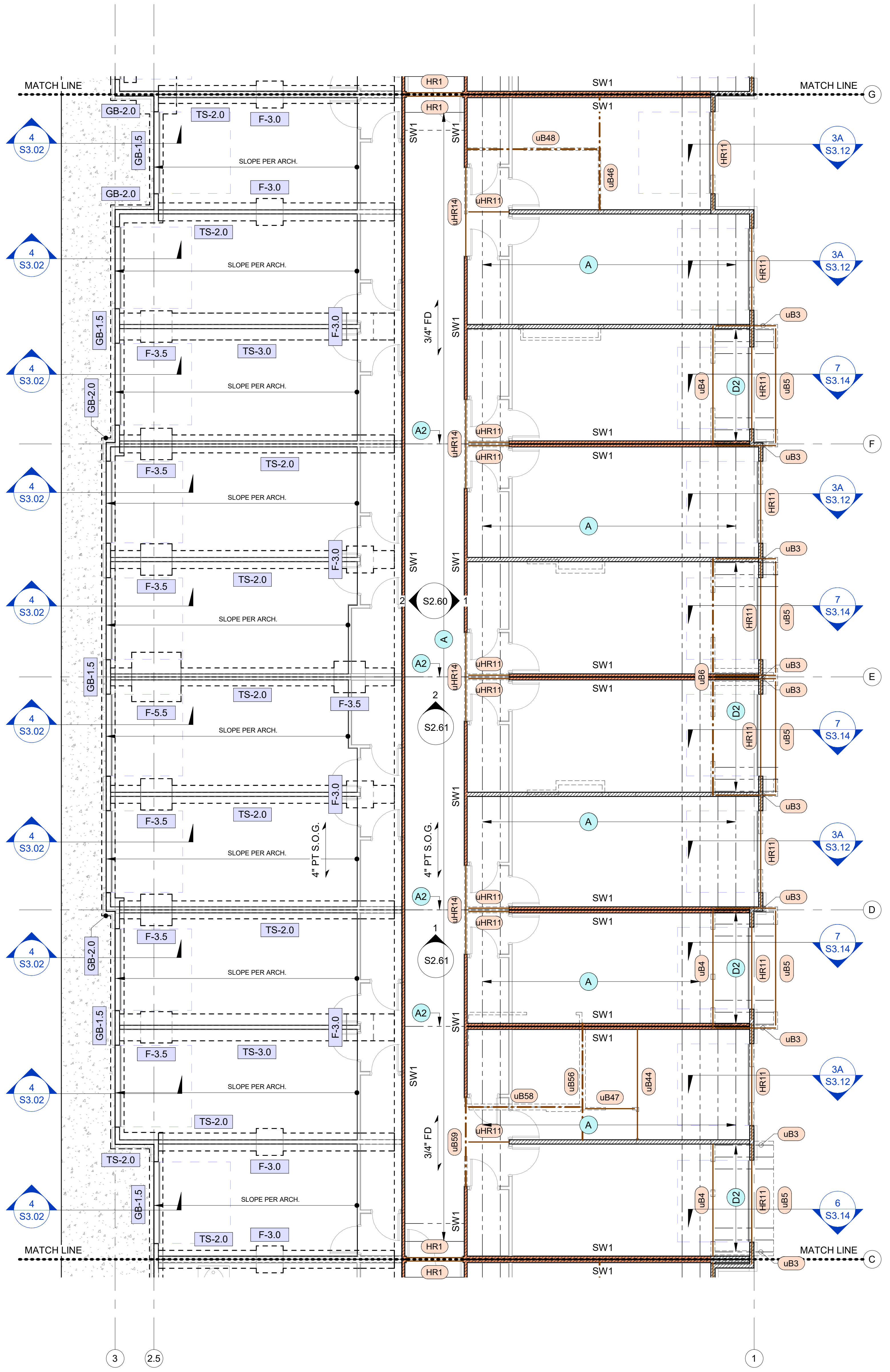
SHEET NO.
S2.39b

4/28/2023 7:05:03 PM

ARCH E1 30" x 42"

COL./STUD PACK OPTIONS BY FTG. SIZE (1ST FLR. / BASEMENT)

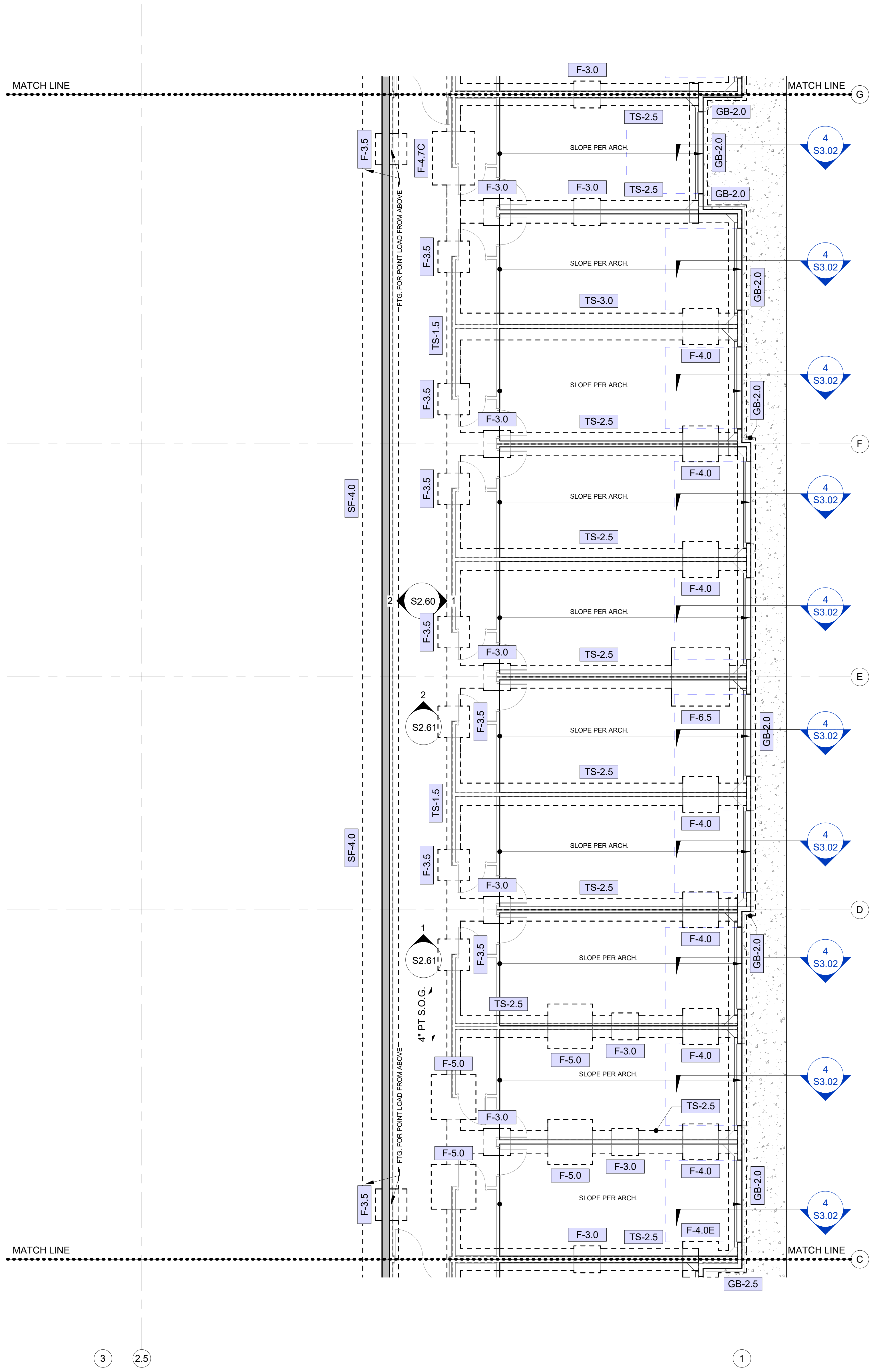
FOOTING	GLULAM COL's (28F-E1 SP/SP (U))	STUD PACKS	A53 Gr. B xS COL's	A53 Gr. B xxS COL's
F-2.5	3 1/2" x 5 1/2"	(3) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-3.0	3 1/2" x 5 1/2"	(4) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-3.5	3 1/2" x 5 1/2"	(5) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-4.0	3 1/2" x 7" --OR-- 5 1/2" x 5 1/2"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-4.5	5 1/2" x 7"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-5.0	5 1/2" x 7"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-5.5	5 1/2" x 7"	N/A	4" Ø xS PIPE	3" Ø xxS PIPE
F-6.0	N/A	N/A	5" Ø xS PIPE	4" Ø xxS PIPE
F-6.5	N/A	N/A	5" Ø xS PIPE	4" Ø xxS PIPE



SEGMENT H - 1ST FLOOR FOUNDATION & FRAMING PLAN

1
1/8" = 1'-0"

NOTES:
1. REFER TO "PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES" ON THIS SHEET.
2. @ 1ST FLOOR FRMG. @ SEGMENTS G / H / J, TAPER GYPCRETE TOPPING TO LEVEL W/ ADJACENT SLABS-ON-GRADE AS REQ'D. COORDINATE SLOPE & LOCATIONS W/ ARCH.



SEGMENT H - BASEMENT FOUNDATION PLAN

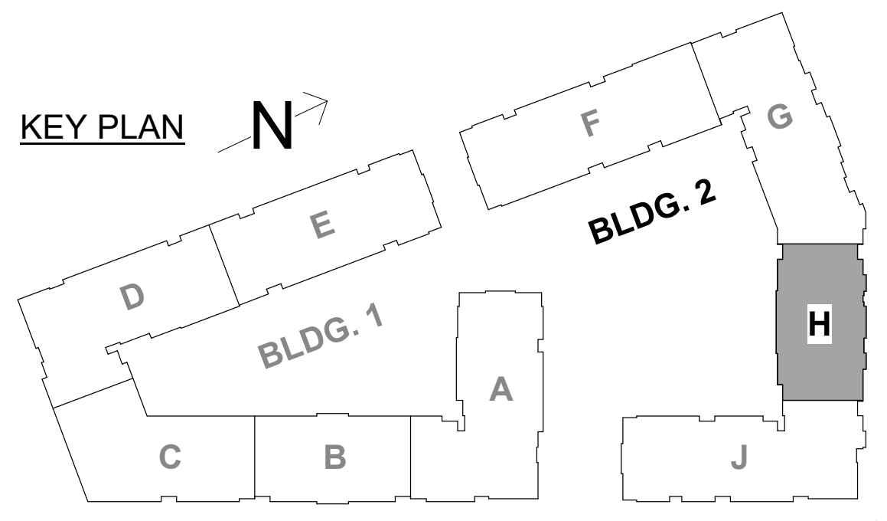
2
1/8" = 1'-0"

NOTES:
1. REFER TO "PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES" ON THIS SHEET.

PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES:

1. REFER TO GENERAL NOTES ON SHEET S0.01.
2. REFER TO TYPICAL DETAILS ON S3.00 SERIES. SHEETS. SECTIONS NOT OTHERWISE INDICATED ON PLAN SHALL BE SIMILAR TO LIKE CONDITIONS.
3. CONFIRM ALL DIMENSIONS, ELEVATIONS, SLOPES, AND RECESSES WITH ARCH DRAWINGS.
4. AT ALL CONTINUOUS FOUNDATIONS, PROVIDE CORNER BARS PER 3/S3.00 AT ALL CORNERS AND INTERSECTIONS.
5. STRUCTURAL DATUM ELEVATION = CIVIL DATUM ELEVATION PER CIVIL DRAWINGS (VARIES PER BUILDING) AS NOTED ON PT SLAB PLANS.
6. PLACE TENDONS ON 1.5" CHAIRS.
7. LAYOUT TENDONS SUCH TO AVOID BLOCKOUTS, SHEARWALL HOLDOWNS AND COLUMN BEARING POINTS.
8. PROVIDE (2) #5 x 5'-0" AT RE-ENTRANT CORNERS, CENTERED IN SLAB DEPTH
9. PLACE FIRST STRAND ± 1'-0" FROM SLAB EDGE (U.N.O.).
10. PROVIDE FULL LENGTH TENDON PASSING CONTINUOUS BETWEEN POURS WHERE SHOWN. DO NOT TENSION UNTIL COMPLETION OF BOTH SLABS.
11. T.O.W. & T.O.F. RELATIVE TO FFE / DATUM ELEVATIONS AS NOTED ON PT SLAB PLANS & AS INDICATED IN DIM's / ELEVATIONS NOTED @ S3.00 SERIES CONCRETE DETAILS.
12. T.O.F. @ INTERIOR BLDG. FTG's = T/SLAB ELEVATION, TYP. ADJUST HEIGHTS OF FOOTINGS ACCORDINGLY WHERE OCCURS @ / ALONG SLOPED PT SLAB-ON- GRADE @ GARAGES.
13. T.O.F. @ EXTERIOR BLDG. PERIMETER FTG's = -1'-0", TYP.
14. T.O.F. @ EXTERIOR BLDG. PERIMETER FTG's @ PATIOS = -1'-2", TYP. (AS REQ'D TO MAINTAIN 8" MIN. THICKENED SLAB FOR PT TENDONS)
15. MAX. PT TENDON LENGTH = 125'-0".

KEY PLAN



2

GENERAL SHEET REVISIONS:
1. GRADE BEAM (GB), THICKENED SLAB (TS) & STRIP FTG. (SF) SIZES UPDATED PER FTG. SCHEDULE UPDATES / REVISIONS.
2. FDTN. WALLS ADDED IN LIEU OF GRADE BEAMS WHERE NOTED.
3. RE: FDTN. DETAIL SHEETS FOR UPDATES / REVISIONS TO CONC. SECTION DETAILS.

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- 03.15.2023 - PERMIT SUBMITTAL

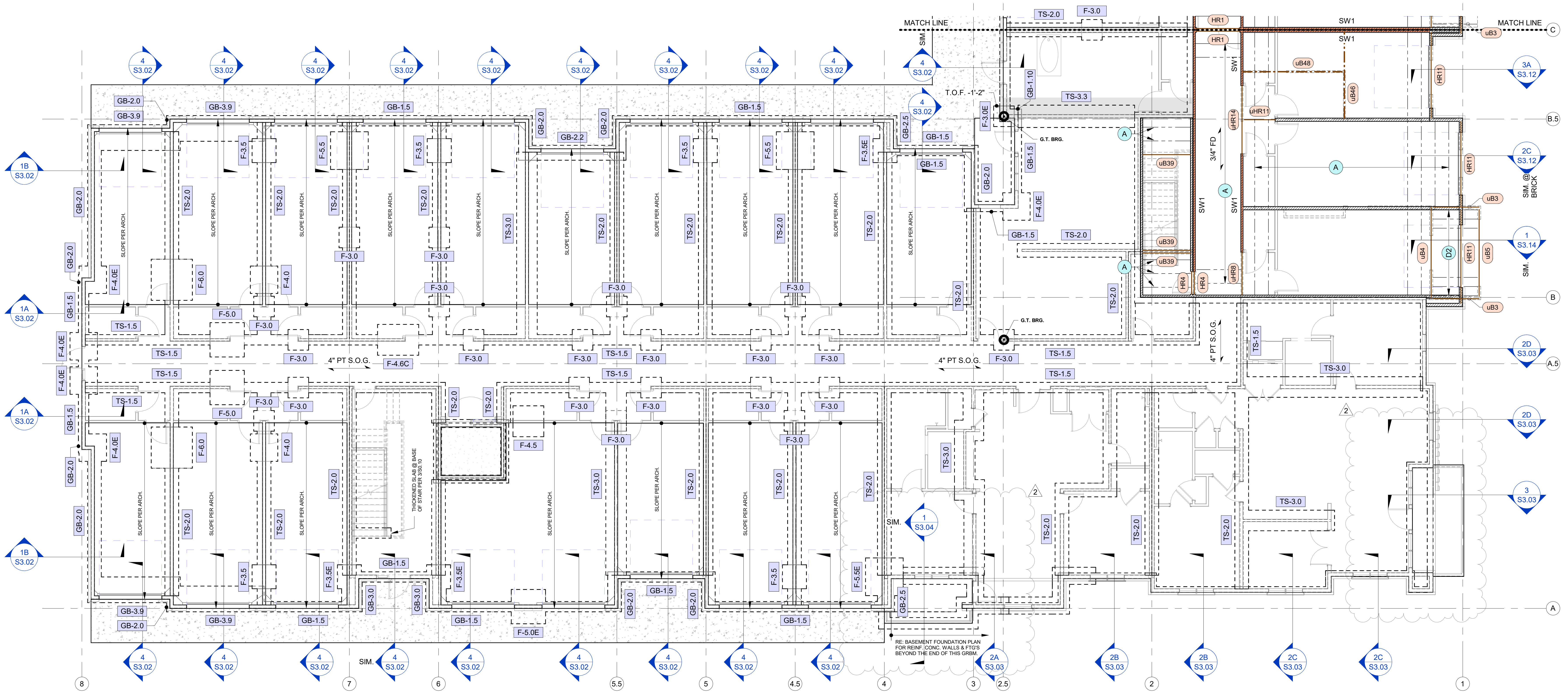
REVISIONS

1	23 0411	CITY COMMENTS
2	23 0428	ADD 1 / CC 2

JOB NO.
PN1129
DATE
03/15/23
DRAWN BY
KSE
4.11.2023
CITY COMMENTS
SHEET NAME
SEG (H) FDN. & 1ST FLOOR FRAMING PLANS
SHEET NO.
S2.43

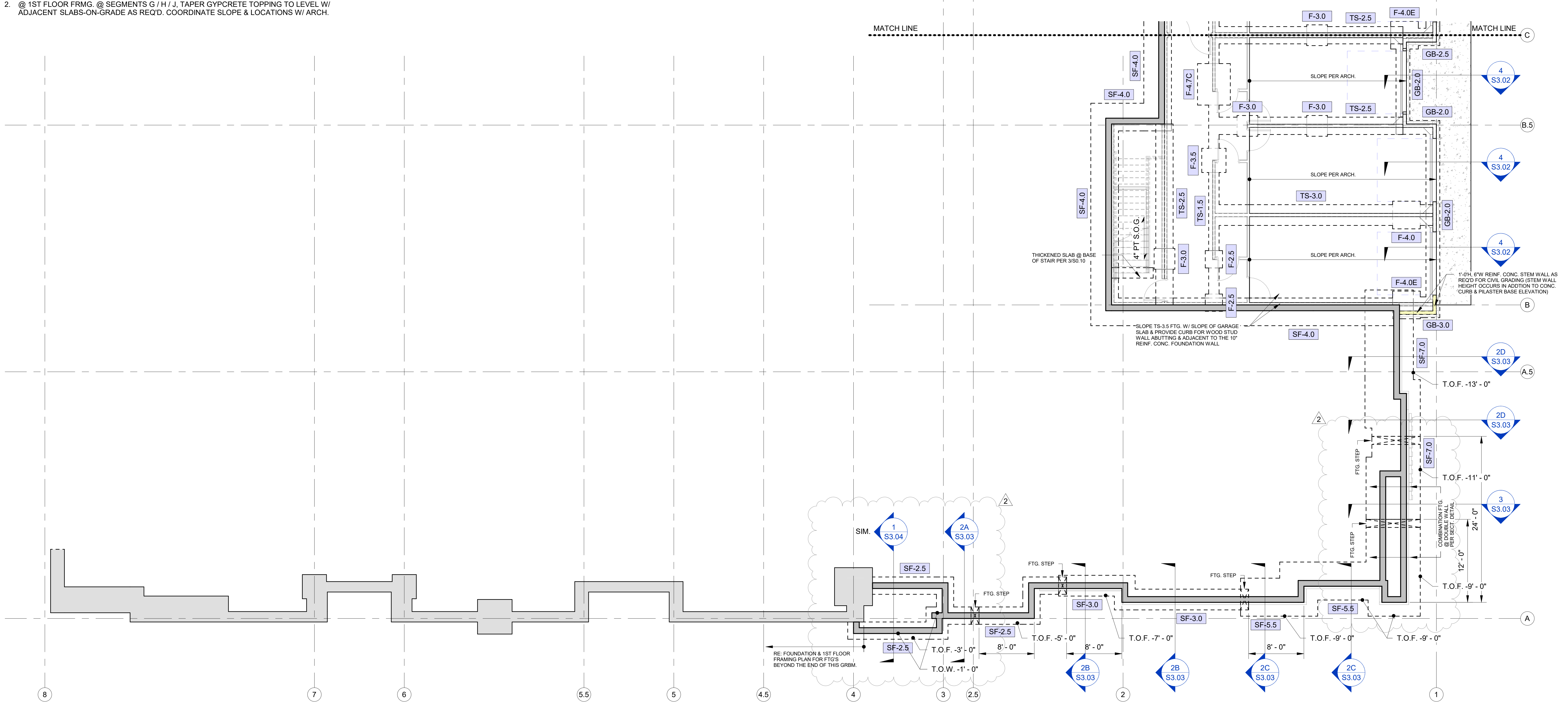
4/28/2023 6:48:03 PM

ARCH E1 30" x 42"



SEGMENT J - 1ST FLOOR FOUNDATION & FRAMING PLAN
1
1/8" = 1'-0"

NOTES:
1. REFER TO "PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES" ON THIS SHEET.
2. @ 1ST FLOOR FRMG. @ SEGMENTS G / H / J, TAPER GYPCRETE TOPPING TO LEVEL W/ ADJACENT SLABS-ON-GRADE AS REQ'D. COORDINATE SLOPE & LOCATIONS W/ ARCH.



SEGMENT J - BASEMENT FOUNDATION PLAN
2
1/8" = 1'-0"

NOTES:
1. REFER TO "PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES" ON THIS SHEET.

COL./STUD PACK OPTIONS BY FTG. SIZE (1ST FLR. / BASEMENT)

FOOTING	GLULAM COL's (28F-E1 SP/SP (U))	STUD PACKS	A53 Gr. B xS COL's	A53 Gr. B xxS COL's
F-2.5	3 1/2" x 5 1/2"	(3) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-3.0	3 1/2" x 5 1/2"	(4) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-3.5	3 1/2" x 5 1/2"	(5) 2x6	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-4.0	3 1/2" x 7" --OR-- 5 1/2" x 5 1/2"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-4.5	5 1/2" x 7"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-5.0	5 1/2" x 7"	N/A	3 1/2" Ø xS PIPE	3" Ø xxS PIPE
F-5.5	5 1/2" x 7"	N/A	4" Ø xS PIPE	3" Ø xxS PIPE
F-6.0	N/A	N/A	5" Ø xS PIPE	4" Ø xxS PIPE
F-6.5	N/A	N/A	5" Ø xS PIPE	4" Ø xxS PIPE

PT SLAB-ON-GRADE & FOUNDATION GENERAL NOTES:

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4. AT ALL CONTINUOUS FOUNDATIONS, PROVIDE CORNER BARS PER 3/S3.00 AT ALL CORNERS AND INTERSECTIONS.
5. STRUCTURAL DATUM ELEVATION = CIVIL DATUM ELEVATION PER CIVIL DRAWINGS (VARIES PER BUILDING) AS NOTED ON PT SLAB PLANS.
6. PLACE TENDONS ON 1.5" CHAIRS.
7. LAYOUT TENDONS SUCH TO AVOID BLOCKOUTS, SHEARWALL HOLDOWNS AND COLUMN BEARING POINTS.
8. PROVIDE (2) #5 x 5'-0" AT RE-ENTRANT CORNERS, CENTERED IN SLAB DEPTH
9. PLACE FIRST STRAND ± 1'-0" FROM SLAB EDGE (U.N.O.).
10. PROVIDE FULL LENGTH TENDON PASSING CONTINUOUS BETWEEN POURS WHERE SHOWN. DO NOT TENSION UNTIL COMPLETION OF BOTH SLABS.
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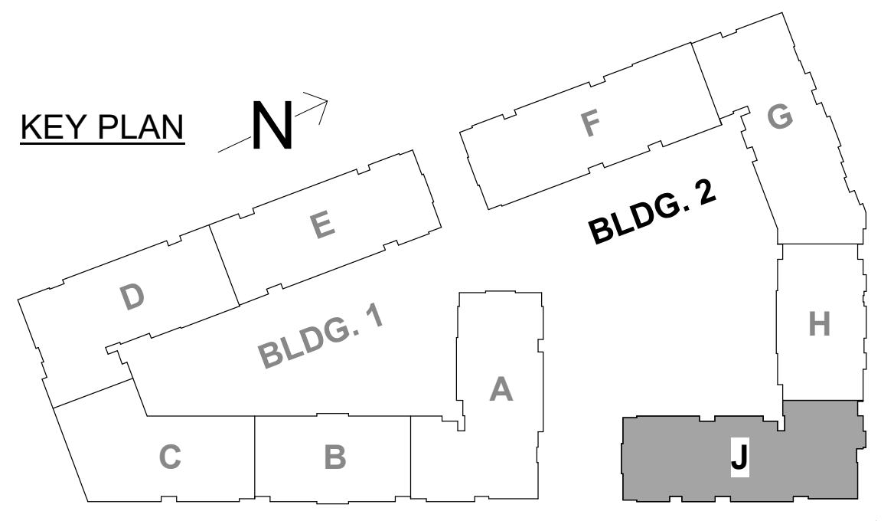
12. T.O.F. @ INTERIOR BLDG. FTG's = T/SLAB ELEVATION, TYP. ADJUST HEIGHTS OF FOOTINGS ACCORDINGLY WHERE OCCURS @ / ALONG SLOPED PT SLAB-ON- GRADE @ GARAGES.
13. T.O.F. @ EXTERIOR BLDG. PERIMETER FTG's = -1'-0", TYP.
14. T.O.F. @ EXTERIOR BLDG. PERIMETER FTG's @ PATIOS = -1'-2", TYP. (AS REQ'D TO MAINTAIN 8" MIN. THICKENED SLAB FOR PT TENDONS)
15. MAX. PT TENDON LENGTH = 125'-0".

KEY PLAN



GENERAL SHEET REVISIONS:
1. GRADE BEAM (GB), THICKENED SLAB (TS) & STRIP FTG. (SF) SIZES UPDATED PER FTG. SCHEDULE UPDATES / REVISIONS.
2. FDTN. WALLS ADDED IN LIEU OF GRADE BEAMS WHERE NOTED.
3. RE: FDTN. DETAIL SHEETS FOR UPDATES / REVISIONS TO CONC. SECTION DETAILS.

2

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JOHN A. KRUDWIG
NUMBER
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John A. Krudwig
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DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

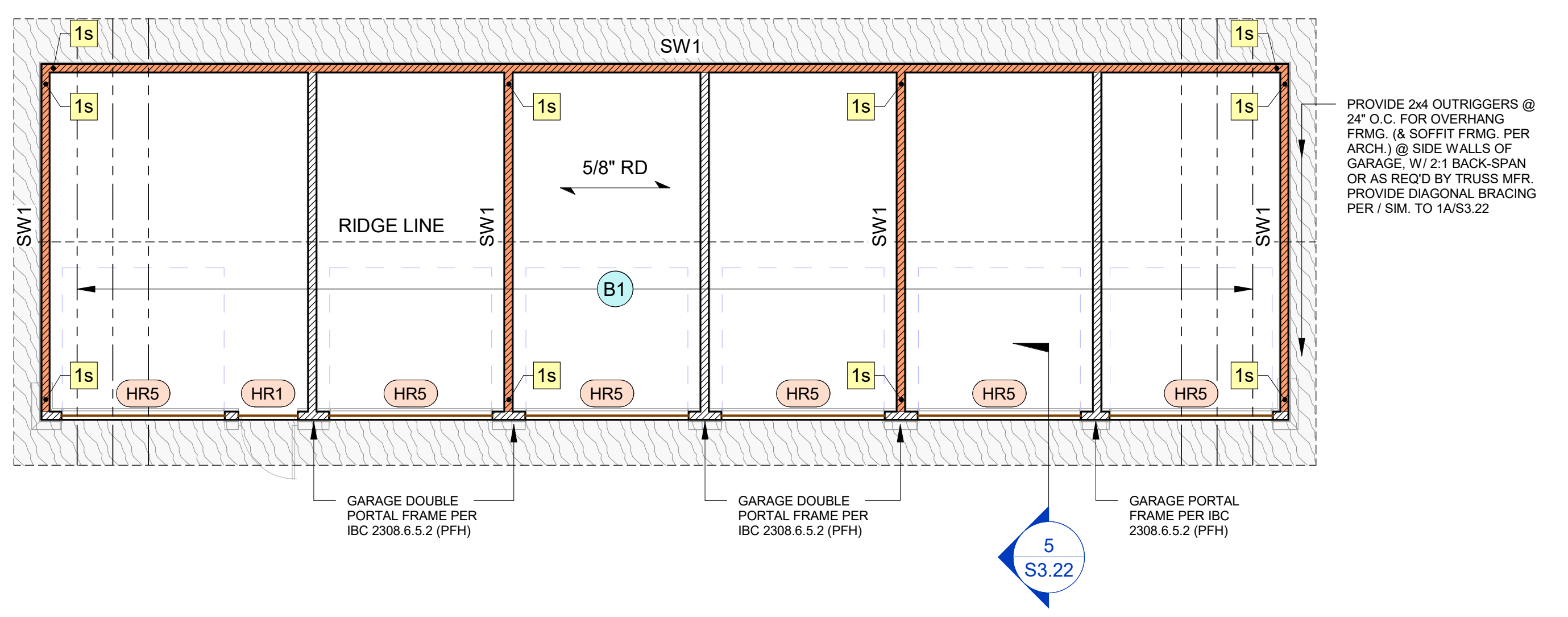
REVISIONS

1	23 0411	CITY COMMENTS
2	23 0428	ADD 1 / CC 2

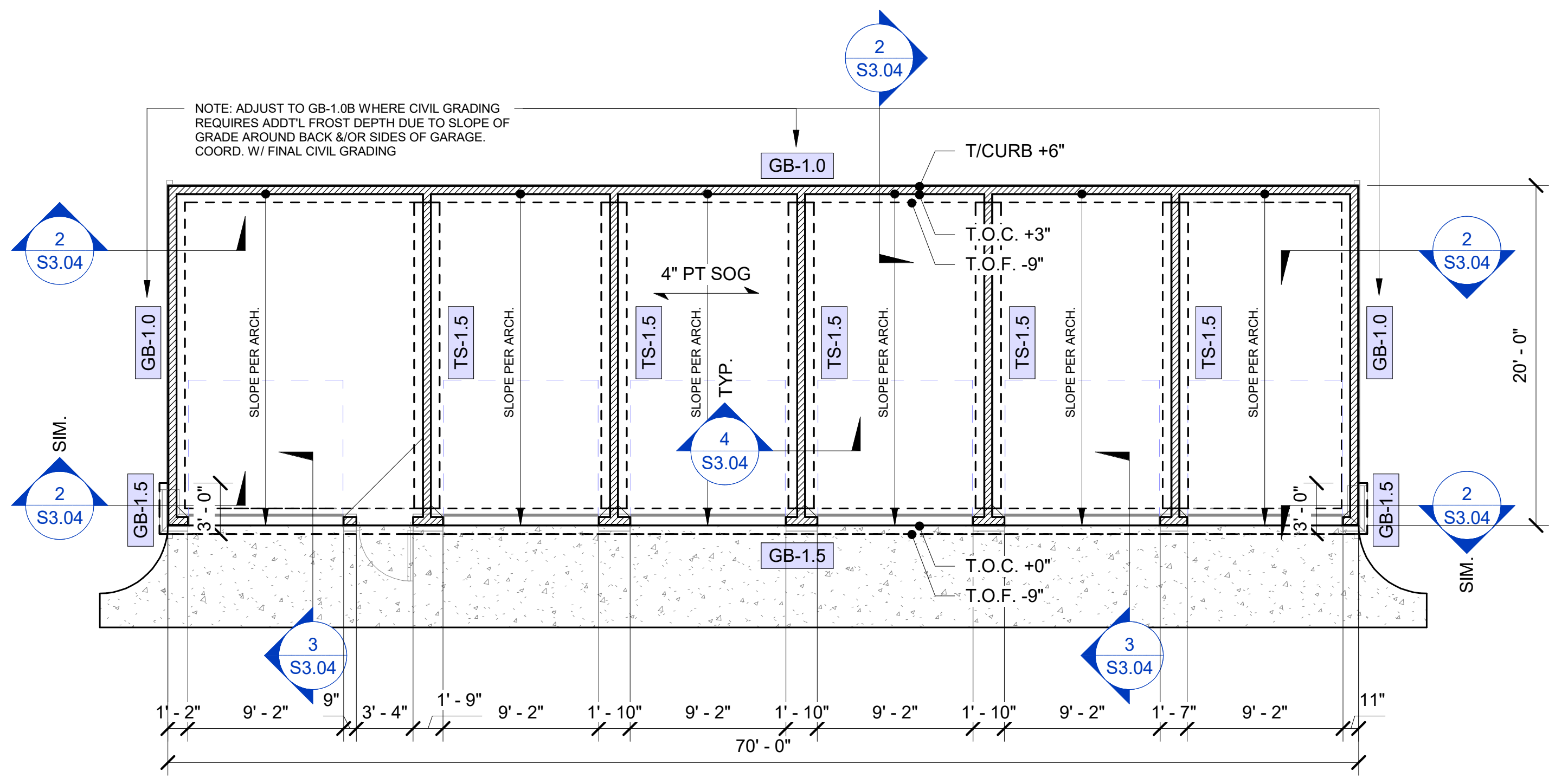
JOB NO.
PN1129
DATE
03/15/23
DRAWN BY
KSE
4.11.2023
CITY COMMENTS
SHEET NAME
SEG (J) FDN. & 1ST FLOOR FRAMING PLANS
SHEET NO.
S2.46b

4/28/2023 6:50:09 PM

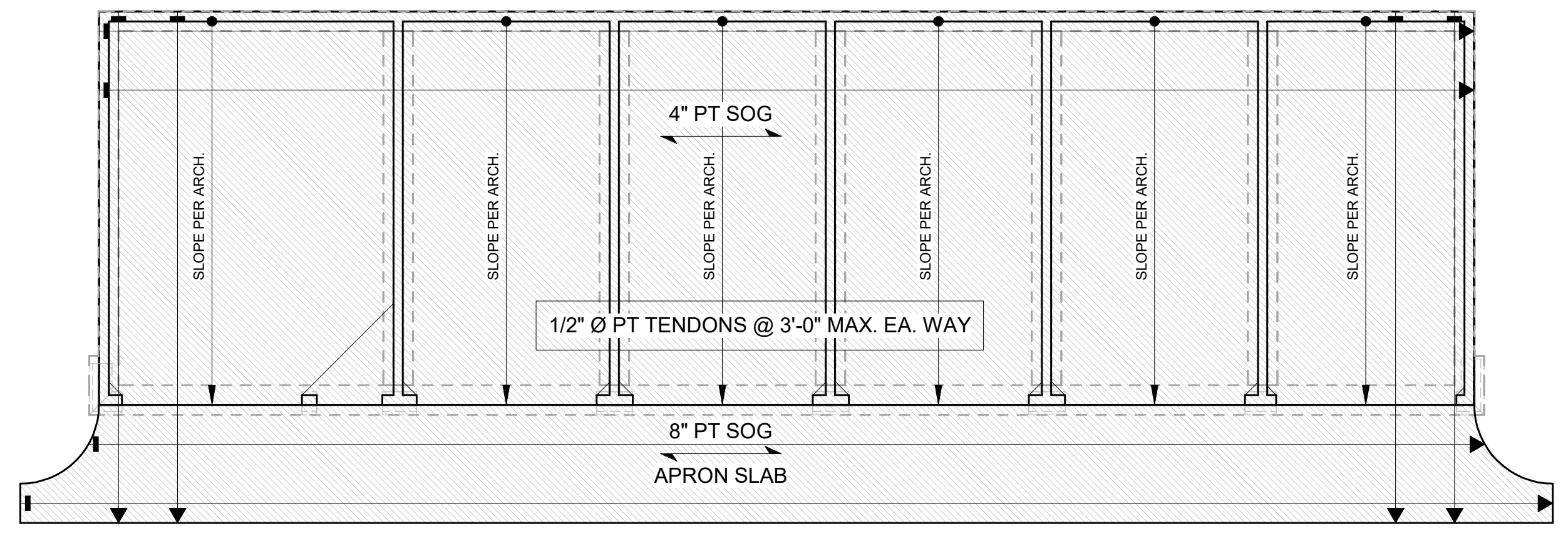
ARCH E1 30" x 42"


SW1
1s
5/8" RD
RIDGE LINE
B1
HR5
HR1
PROVIDE 2x4 OUTRIGGERS @ 24" O.C. FOR OVERHANG FRMG. (& SOFFIT FRMG. PER ARCH.) @ SIDE WALLS OF GARAGE, W/ 2:1 BACK-SPAN OR AS REQ'D BY TRUSS MFR. PROVIDE DIAGONAL BRACING PER / SIM. TO 1A/S3.22
GARAGE DOUBLE PORTAL FRAME PER IBC 2308.6.5.2 (PFH)
GARAGE DOUBLE PORTAL FRAME PER IBC 2308.6.5.2 (PFH)
GARAGE PORTAL FRAME PER IBC 2308.6.5.2 (PFH)
5 S3.22

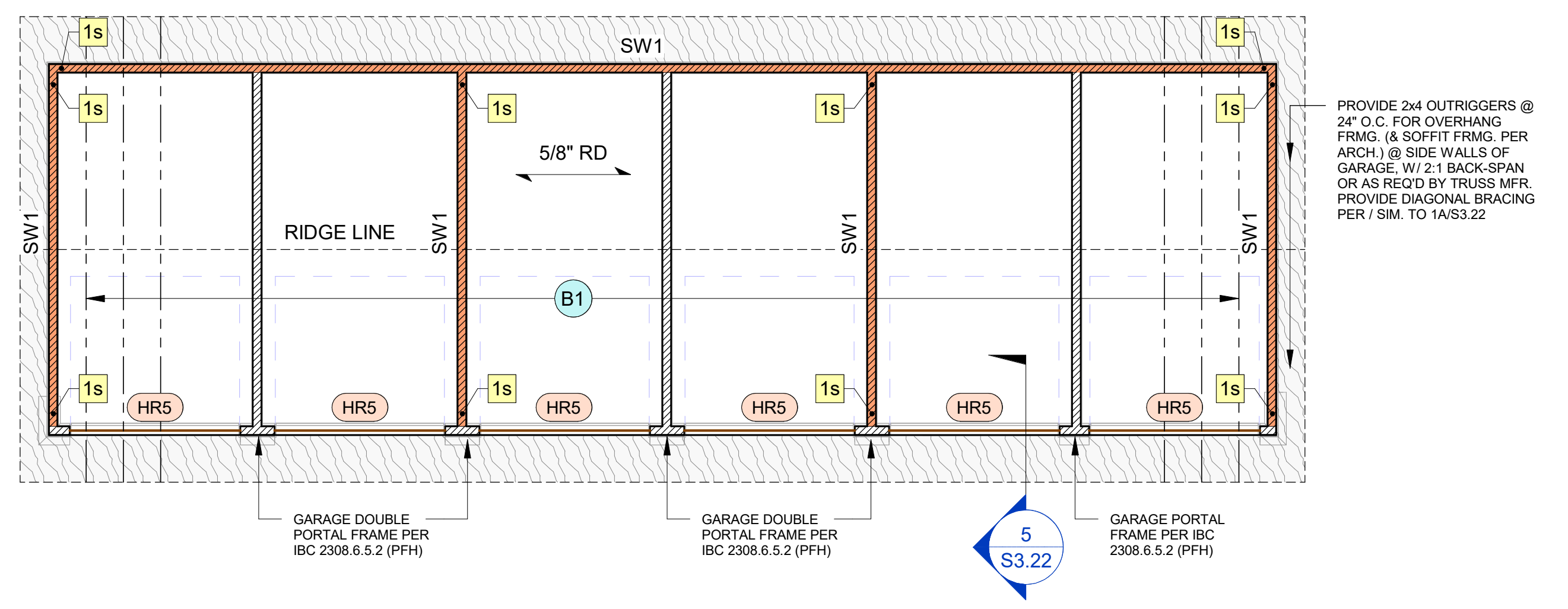
2A **ACCESSIBLE GARAGE ROOF FRAMING PLAN**
1/8" = 1'-0"



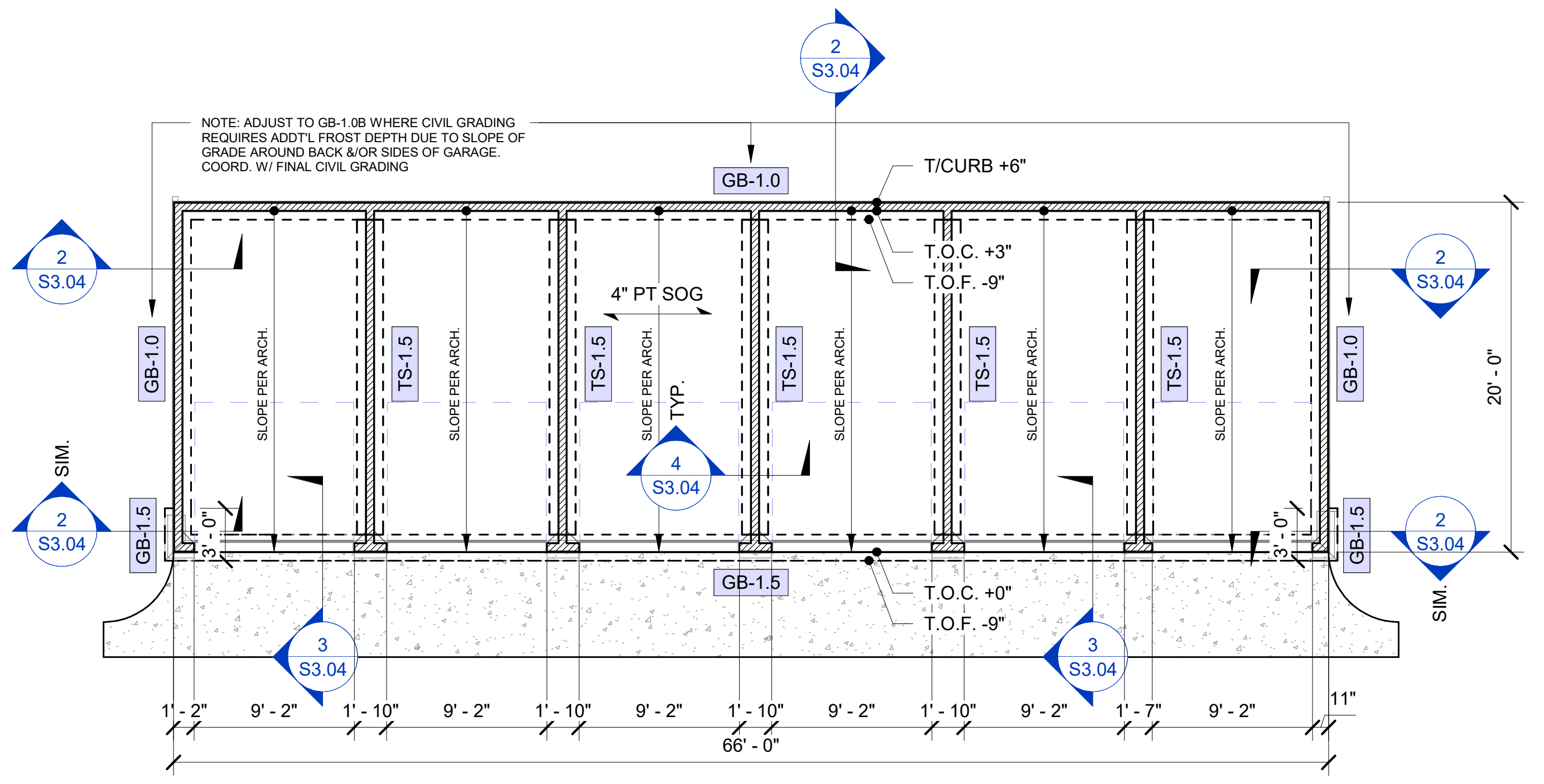
2B **ACCESSIBLE GARAGE FOUNDATION PLAN**
1/8" = 1'-0"



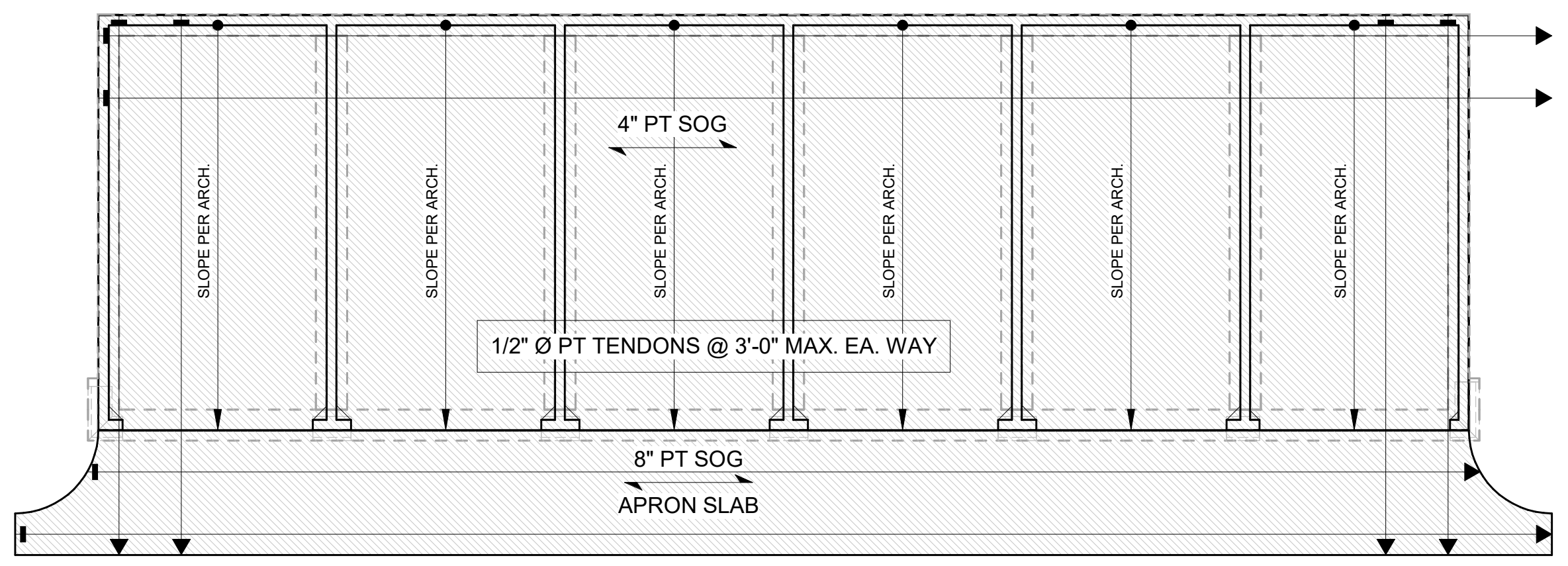
2 **ACCESSIBLE GARAGE PT SLAB PLAN**
1/8" = 1'-0"


SW1
1s
5/8" RD
RIDGE LINE
B1
HR5
PROVIDE 2x4 OUTRIGGERS @ 24" O.C. FOR OVERHANG FRMG. (& SOFFIT FRMG. PER ARCH.) @ SIDE WALLS OF GARAGE, W/ 2:1 BACK-SPAN OR AS REQ'D BY TRUSS MFR. PROVIDE DIAGONAL BRACING PER / SIM. TO 1A/S3.22
GARAGE DOUBLE PORTAL FRAME PER IBC 2308.6.5.2 (PFH)
GARAGE DOUBLE PORTAL FRAME PER IBC 2308.6.5.2 (PFH)
GARAGE PORTAL FRAME PER IBC 2308.6.5.2 (PFH)
5 S3.22

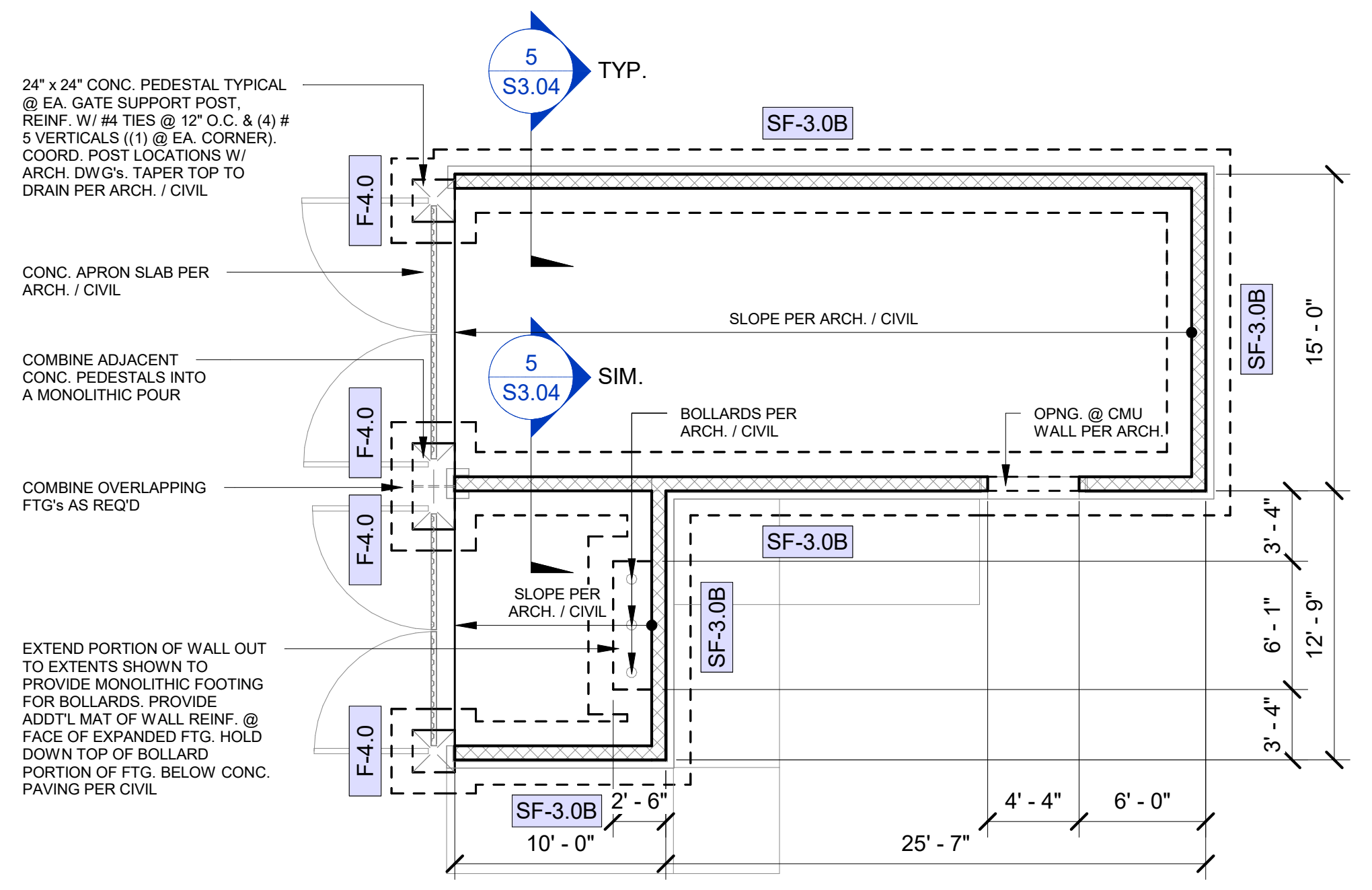
3A **GARAGE ROOF FRAMING PLAN**
1/8" = 1'-0"



3B **GARAGE FOUNDATION PLAN**
1/8" = 1'-0"



3 **GARAGE PT SLAB PLAN**
1/8" = 1'-0"


5 S3.04
TYP.
24" x 24" CONC. PEDESTAL TYPICAL @ EA. GATE SUPPORT POST, REINF. W/ #4 TIES @ 12" O.C. & (4) # 5 VERTICALS ((1) @ EA. CORNER). COORD. POST LOCATIONS W/ ARCH. DWG's. TAPER TOP TO DRAIN PER ARCH. / CIVIL
CONC. APRON SLAB PER ARCH. / CIVIL
COMBINE ADJACENT CONC. PEDESTALS INTO A MONOLITHIC POUR
COMBINE OVERLAPPING FTG's AS REQ'D
EXTEND PORTION OF WALL OUT TO EXTENTS SHOWN TO PROVIDE MONOLITHIC FOOTING FOR BOLLARDS. PROVIDE ADDT'L MAT OF WALL REINF. @ FACE OF EXPANDED FTG. HOLD DOWN TOP OF BOLLARD PORTION OF FTG. BELOW CONC. PAVING PER CIVIL
SF-3.0B
F-4.0
SLOPE PER ARCH. / CIVIL
SIM.
BOLLARDS PER ARCH. / CIVIL
OPNG. @ CMU WALL PER ARCH.
SLOPE PER ARCH. / CIVIL
15' - 0"
3' - 4"
6' - 1"
12' - 9"
2' - 6"
10' - 0"
4' - 4"
6' - 0"
25' - 7"

1 **TRASH ENCLOSURE FOUNDATION PLAN**
1/8" = 1'-0"

GENERAL SHEET REVISIONS: △2

1. GRADE BEAM (GB), THICKENED SLAB (TS) & STRIP FTG. (SF) SIZES UPDATED PER FTG. SCHEDULE UPDATES / REVISIONS.
2. FDTN. WALLS ADDED IN LIEU OF GRADE BEAMS WHERE NOTED.
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△REVISIONS

1	23 0411	CITY COMMENTS
2	23 0428	ADD 1 / CC 2

JOB NO.: PN1129
DATE: 03/15/23
DRAWN BY: KSE

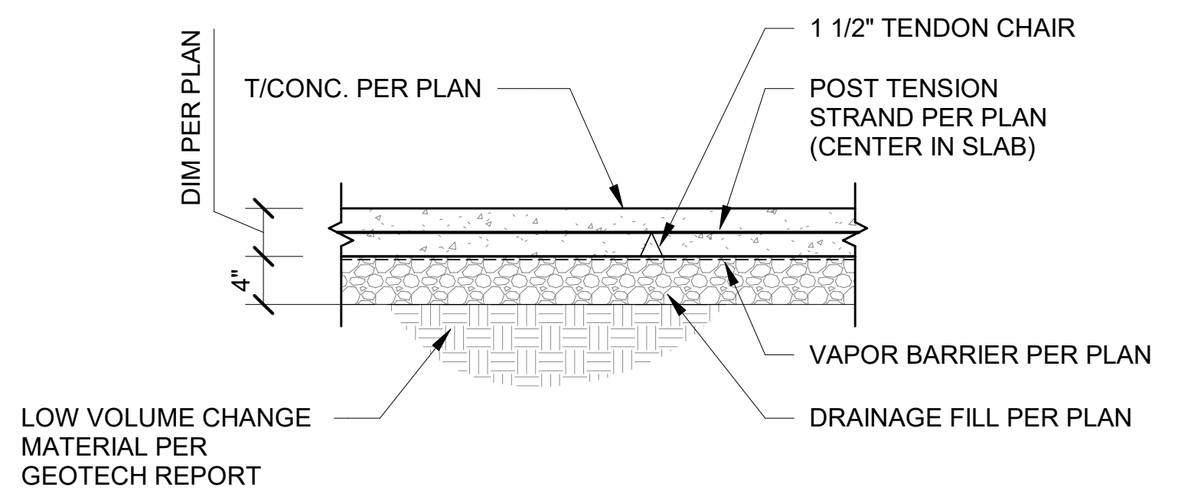
4.11.2023
CITY COMMENTS

SHEET NAME
DETACHED GARAGES & TRASH ENCLOSURE

SHEET NO.
S2.70

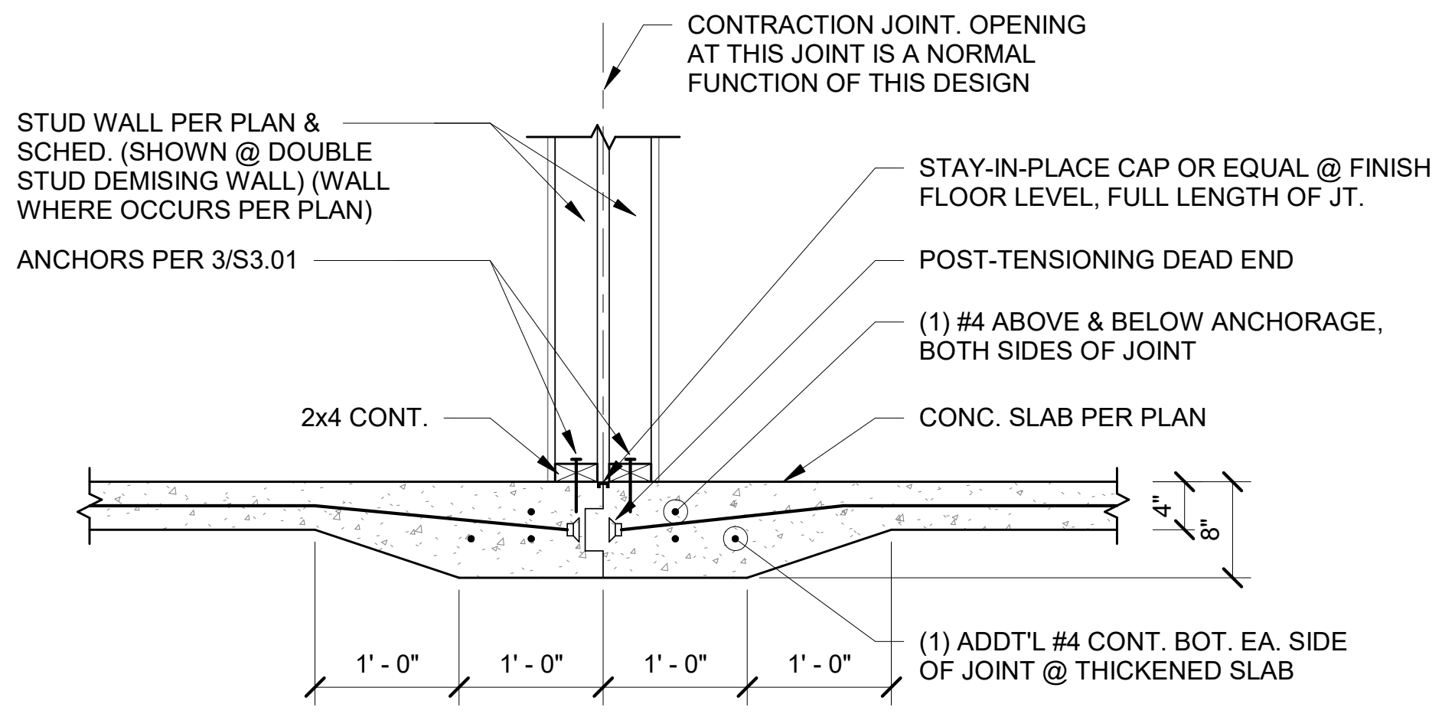
4/28/2023 6:52:37 PM

ARCH E1 30" x 42"



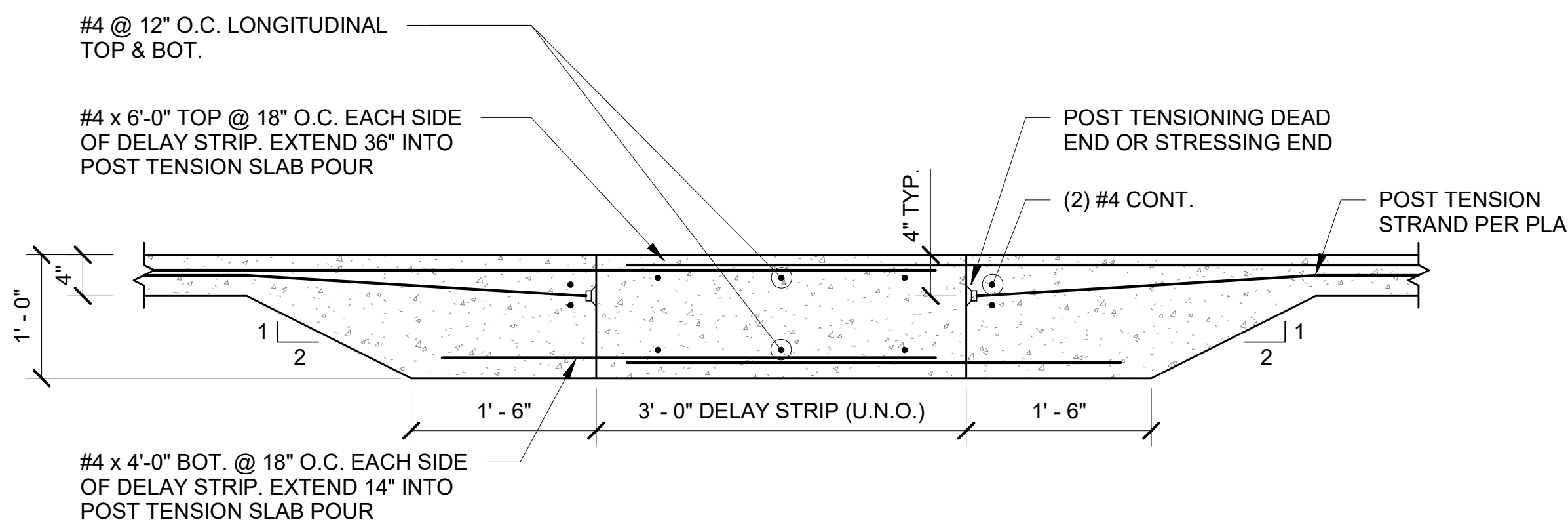
TYPICAL PT SLAB DETAIL

1 SECTION
3/4" = 1'-0"


CONTRACTION JOINT. OPENING AT THIS JOINT IS A NORMAL FUNCTION OF THIS DESIGN
STUD WALL PER PLAN & SCHED. (SHOWN @ DOUBLE STUD DEMISING WALL) (WALL WHERE OCCURS PER PLAN)
STAY-IN-PLACE CAP OR EQUAL @ FINISH FLOOR LEVEL, FULL LENGTH OF JT.
ANCHORS PER 3/S3.01
POST-TENSIONING DEAD END
(1) #4 ABOVE & BELOW ANCHORAGE, BOTH SIDES OF JOINT
2x4 CONT.
CONC. SLAB PER PLAN
4"
8"
1' - 0"
1' - 0"
1' - 0"
1' - 0"
(1) ADDT'L #4 CONT. BOT. EA. SIDE OF JOINT @ THICKENED SLAB

TYPICAL PT SLAB CONTRACTION JT. DETAIL

2 SECTION
3/4" = 1'-0"

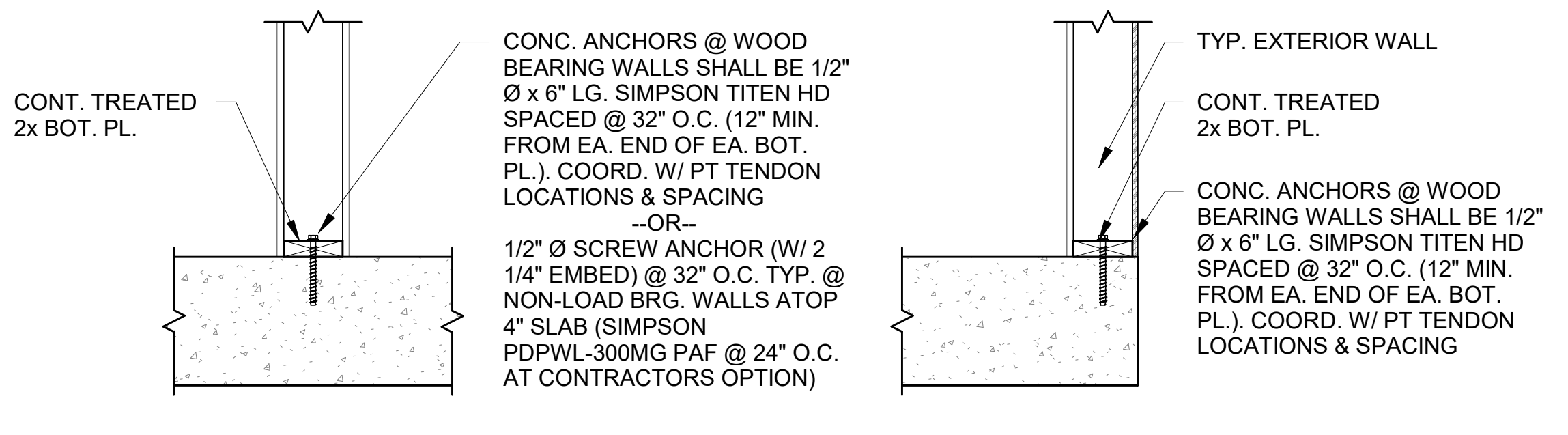

#4 @ 12" O.C. LONGITUDINAL TOP & BOT.
#4 x 6'-0" TOP @ 18" O.C. EACH SIDE OF DELAY STRIP. EXTEND 36" INTO POST TENSION SLAB POUR
POST TENSIONING DEAD END OR STRESSING END
4" TYP.
(2) #4 CONT.
POST TENSION STRAND PER PLAN
4"
1' - 0"
1
2
1
2
1' - 6"
3' - 0" DELAY STRIP (U.N.O.)
1' - 6"
#4 x 4'-0" BOT. @ 18" O.C. EACH SIDE OF DELAY STRIP. EXTEND 14" INTO POST TENSION SLAB POUR

NOTE: REFER TO SECT. 8/S3.01 FOR ALTERNATE PT DELAY / CLOSURE STRIP DETAIL @ CONC. SLAB STEP-DOWN LOCATIONS

NOTE: NO REINF. SHALL BE CONTINUOUS THROUGH DELAY STRIP. DELAY MAY BE POURED A MINIMUM OF 28 DAYS AFTER FINAL STRESSING OF THE SECOND SLAB POUR

TYPICAL PT DELAY / CLOSURE STRIP DETAIL

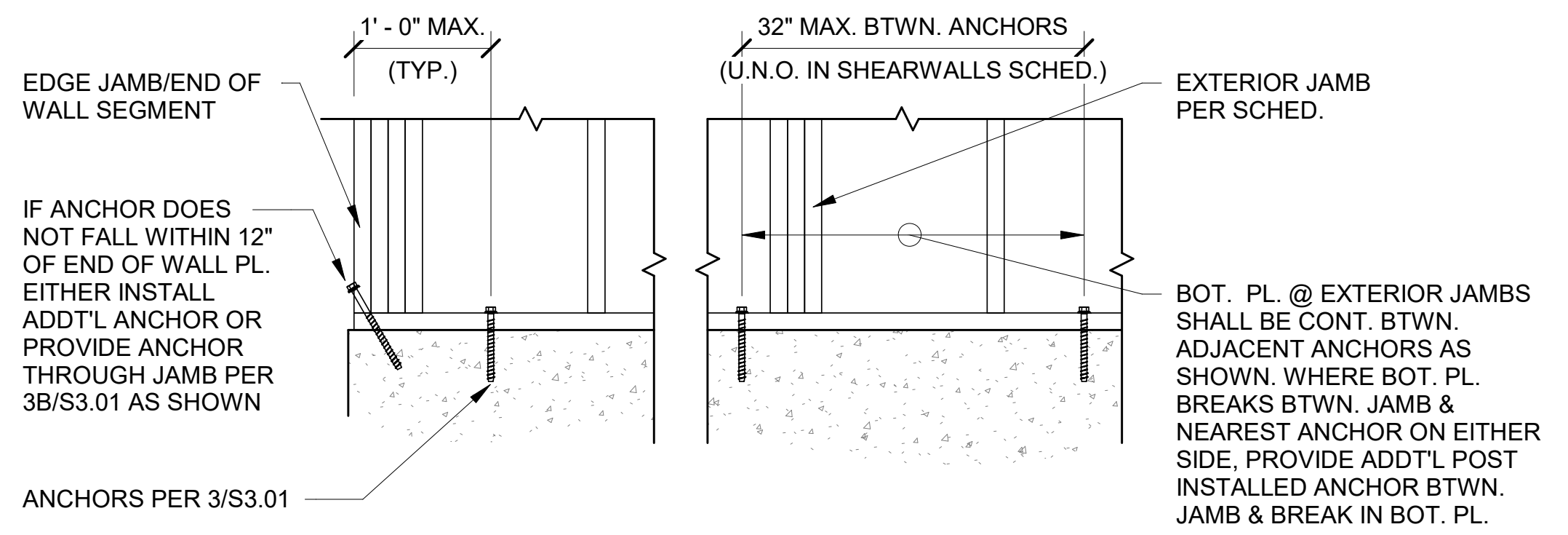
2A SECTION
3/4" = 1'-0"


CONT. TREATED 2x BOT. PL.
CONC. ANCHORS @ WOOD BEARING WALLS SHALL BE 1/2" Ø x 6" LG. SIMPSON TITEN HD SPACED @ 32" O.C. (12" MIN. FROM EA. END OF EA. BOT. PL.). COORD. W/ PT TENDON LOCATIONS & SPACING
--OR--
1/2" Ø SCREW ANCHOR (W/ 2 1/4" EMBED) @ 32" O.C. TYP. @ NON-LOAD BRG. WALLS ATOP 4" SLAB (SIMPSON PDPWL-300MG PAF @ 24" O.C. AT CONTRACTORS OPTION)
TYP. EXTERIOR WALL
CONT. TREATED 2x BOT. PL.
CONC. ANCHORS @ WOOD BEARING WALLS SHALL BE 1/2" Ø x 6" LG. SIMPSON TITEN HD SPACED @ 32" O.C. (12" MIN. FROM EA. END OF EA. BOT. PL.). COORD. W/ PT TENDON LOCATIONS & SPACING

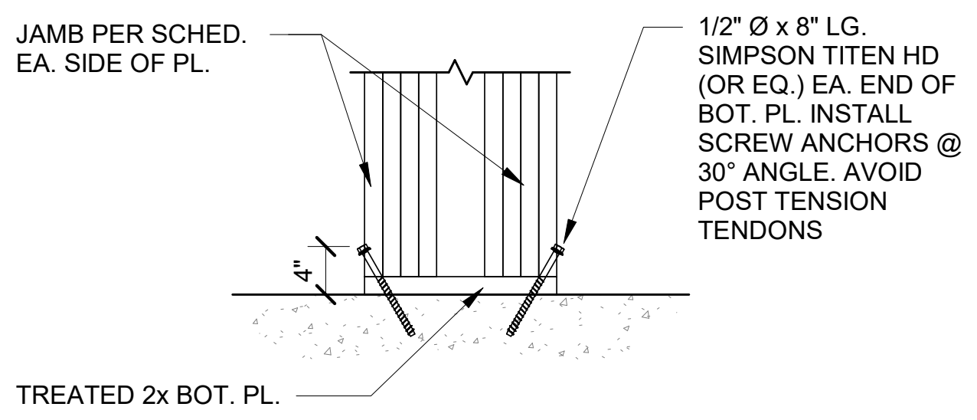
NOTES:
1. ALL BOT. PL's TO HAVE (2) ANCHORS MIN.
2. RE: SHEARWALL SCHEDULE ON SHEET S0.04 FOR ANCHORS @ SHEARWALLS
3. RE: 3A/S3.01 FOR DETAIL @ JAMB
4. RE: 3B/S3.01 FOR DETAIL AT SHORT BOT. PL. SEGMENTS/JAMBS (WHERE OCCURS)
5. CONTRACTOR SHALL IDENTIFY AND MARK RELATIVE POST TENSION TENDON LOCATIONS ON SLAB SO THAT TENDONS CAN BE AVOIDED DURING POST INSTALLED ANCHOR INSTALLATION

TYPICAL BOT. PL. CONNECTION TO CONCRETE

3 SECTION
3/4" = 1'-0"

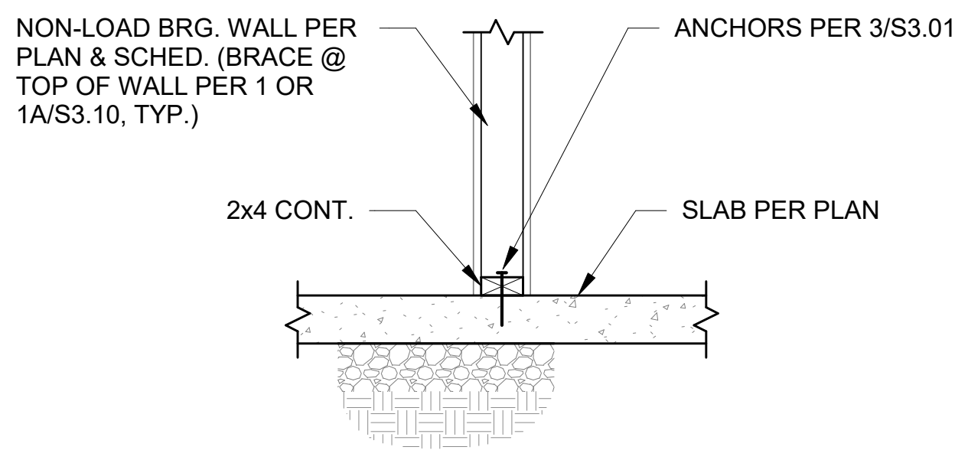

1' - 0" MAX.
(TYP.)
32" MAX. BTWN. ANCHORS
(U.N.O. IN SHEARWALLS SCHED.)
EDGE JAMB/END OF WALL SEGMENT
EXTERIOR JAMB PER SCHED.
IF ANCHOR DOES NOT FALL WITHIN 12" OF END OF WALL PL. EITHER INSTALL ADDT'L ANCHOR OR PROVIDE ANCHOR THROUGH JAMB PER 3B/S3.01 AS SHOWN
BOT. PL. @ EXTERIOR JAMBS SHALL BE CONT. BTWN. ADJACENT ANCHORS AS SHOWN. WHERE BOT. PL. BREAKS BTWN. JAMB & NEAREST ANCHOR ON EITHER SIDE, PROVIDE ADDT'L POST INSTALLED ANCHOR BTWN. JAMB & BREAK IN BOT. PL.
ANCHORS PER 3/S3.01

3A SECTION
3/4" = 1'-0"

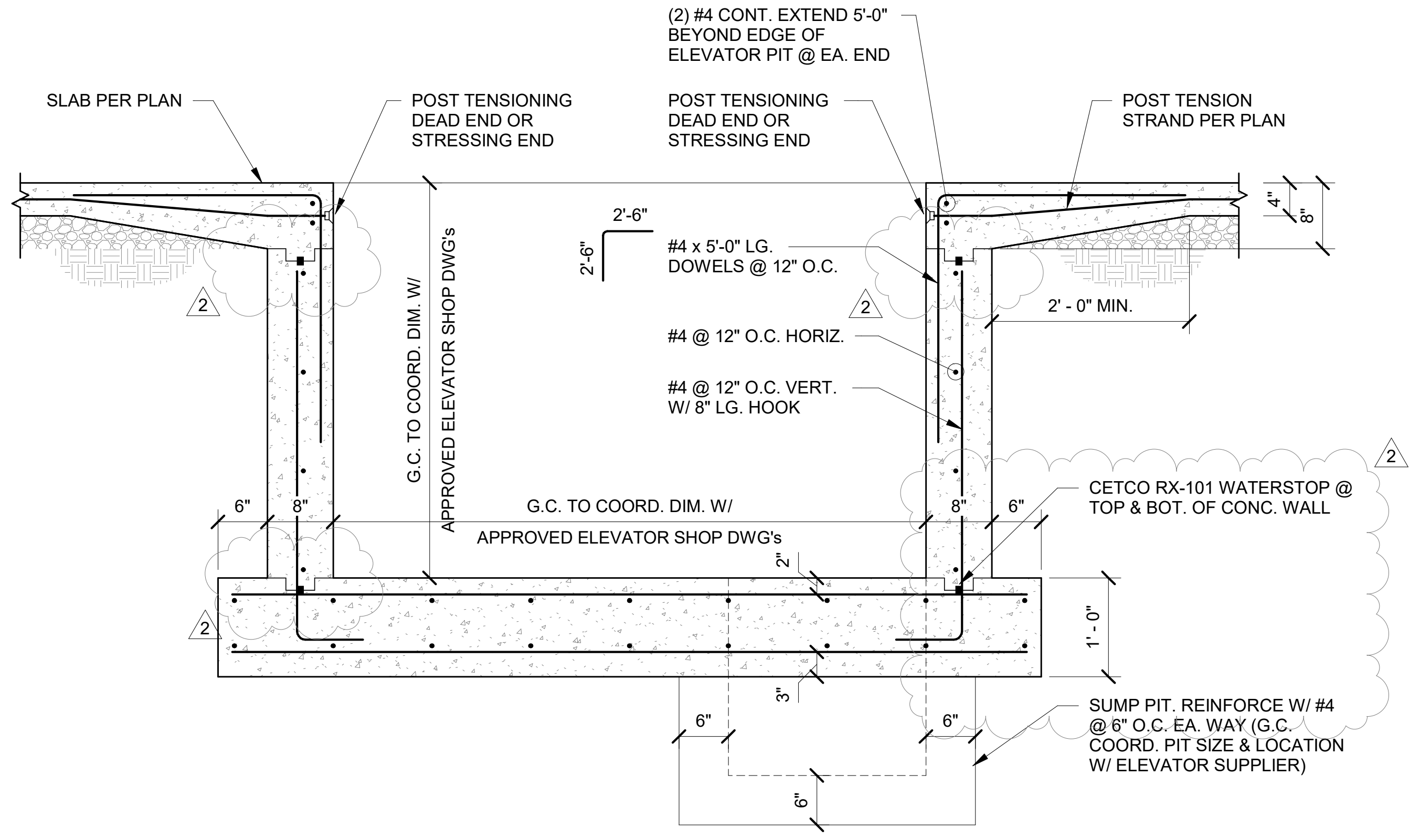

JAMB PER SCHED. EA. SIDE OF PL.
1/2" Ø x 8" LG. SIMPSON TITEN HD (OR EQ.) EA. END OF BOT. PL. INSTALL SCREW ANCHORS @ 30° ANGLE. AVOID POST TENSION TENDONS
4"
TREATED 2x BOT. PL.

TYP. BOT. PL. CONNECTION TO CONC. @ SHORT PL. SEGMENTS & JAMBS

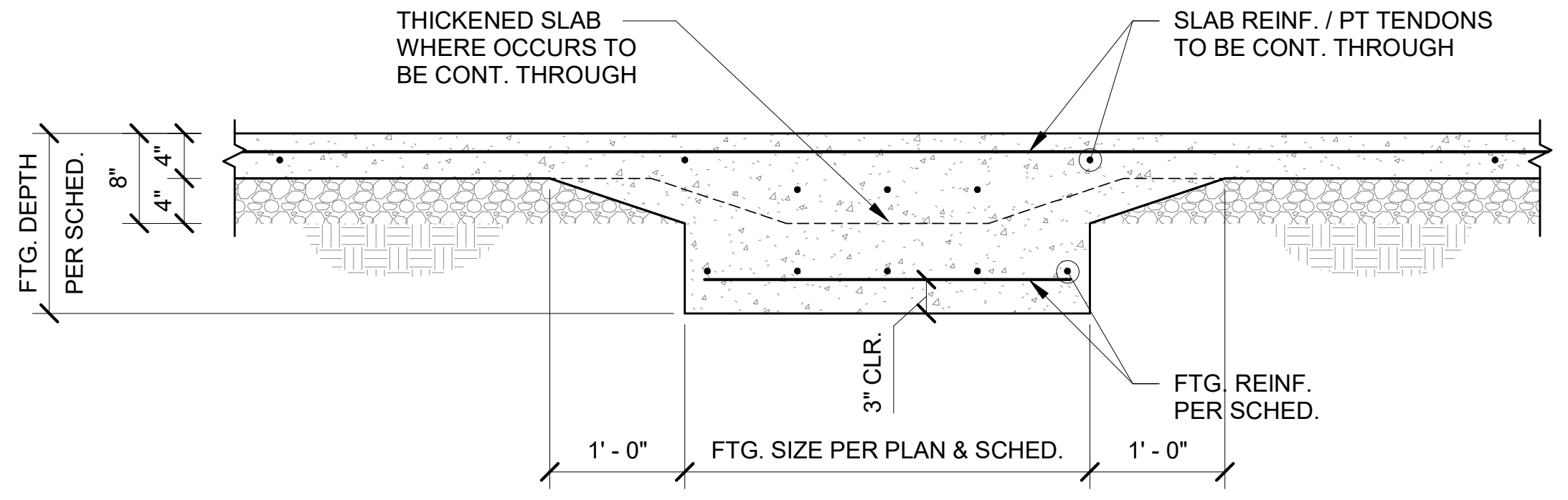
3B SECTION
3/4" = 1'-0"


NON-LOAD BRG. WALL PER PLAN & SCHED. (BRACE @ TOP OF WALL PER 1 OR 1A/S3.10, TYP.)
ANCHORS PER 3/S3.01
2x4 CONT.
SLAB PER PLAN

4 SECTION
3/4" = 1'-0"

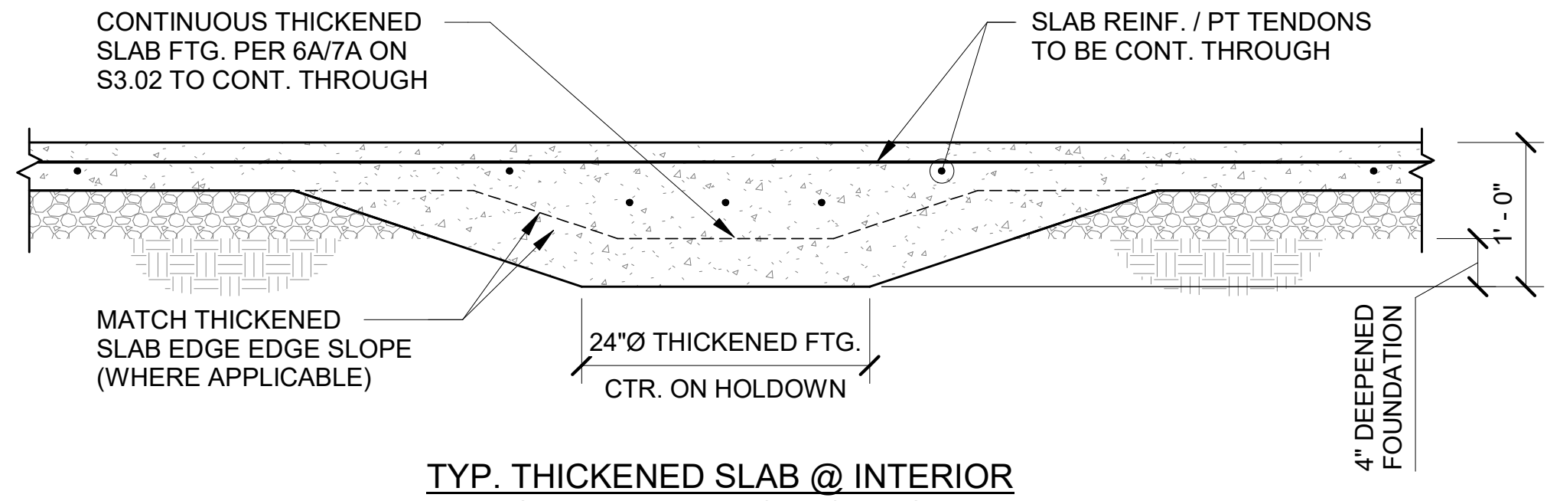

(2) #4 CONT. EXTEND 5'-0" BEYOND EDGE OF ELEVATOR PIT @ EA. END
SLAB PER PLAN
POST TENSIONING DEAD END OR STRESSING END
POST TENSIONING DEAD END OR STRESSING END
POST TENSION STRAND PER PLAN
2'-6"
2'-6"
#4 x 5'-0" LG. DOWELS @ 12" O.C.
4"
8"
2' - 0" MIN.
G.C. TO COORD. DIM. W/ APPROVED ELEVATOR SHOP DWG's
#4 @ 12" O.C. HORIZ.
#4 @ 12" O.C. VERT. W/ 8" LG. HOOK
2
2
2
2
6"
8"
G.C. TO COORD. DIM. W/
APPROVED ELEVATOR SHOP DWG's
8"
6"
CETCO RX-101 WATERSTOP @ TOP & BOT. OF CONC. WALL
2"
1' - 0"
3"
6"
6"
6"
SUMP PIT. REINFORCE W/ #4 @ 6" O.C. EA. WAY (G.C. COORD. PIT SIZE & LOCATION W/ ELEVATOR SUPPLIER)

5 SECTION
3/4" = 1'-0"


THICKENED SLAB WHERE OCCURS TO BE CONT. THROUGH
SLAB REINF. / PT TENDONS TO BE CONT. THROUGH
FTG. DEPTH PER SCHED.
8"
4"
4"
3" CLR.
FTG. REINF. PER SCHED.
1' - 0"
FTG. SIZE PER PLAN & SCHED.
1' - 0"

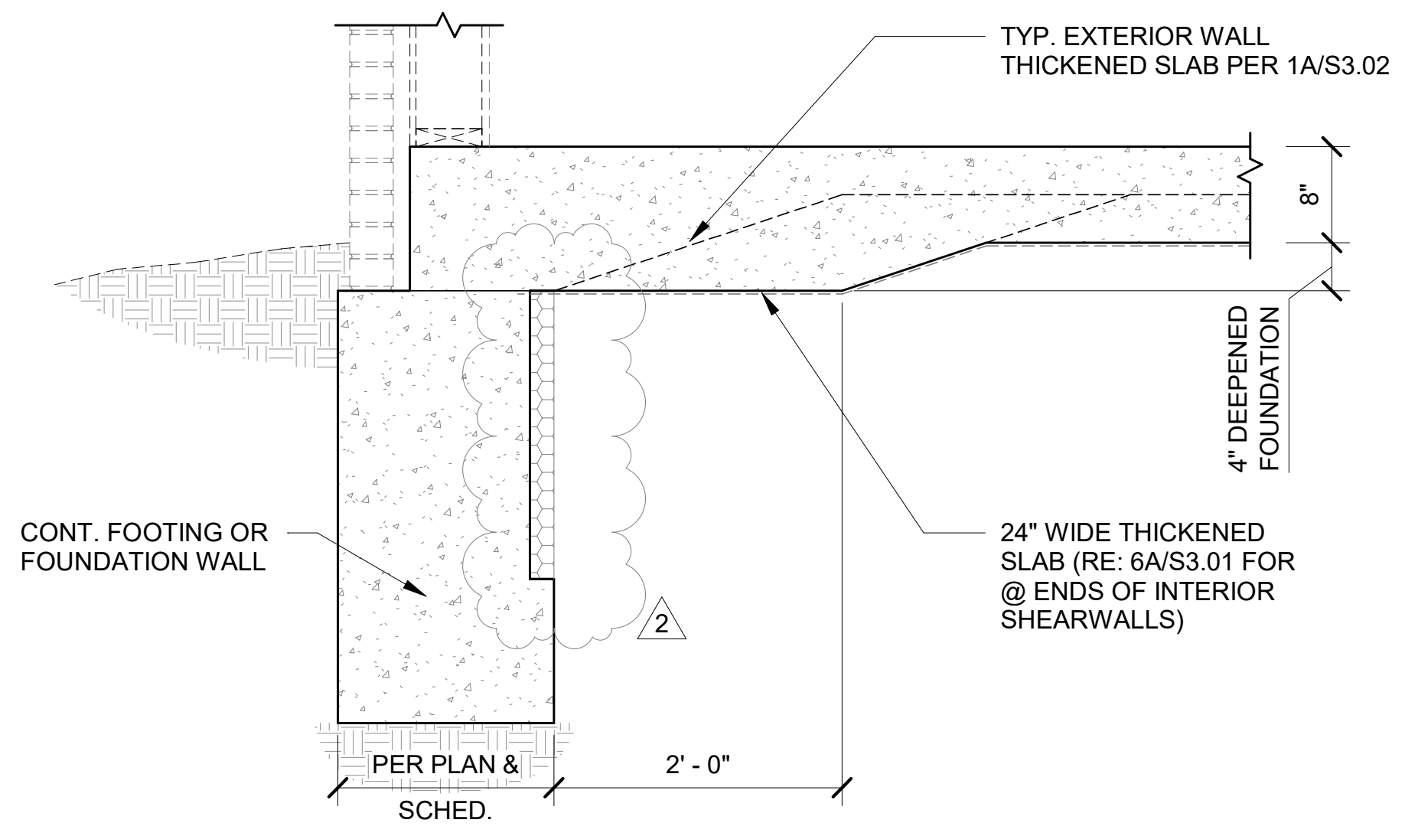
TYP. SPREAD FOOTING @ CONTINUOUS THICKENED SLAB

6 SECTION
3/4" = 1'-0"


CONTINUOUS THICKENED SLAB FTG. PER 6A/7A ON S3.02 TO CONT. THROUGH
SLAB REINF. / PT TENDONS TO BE CONT. THROUGH
1' - 0"
MATCH THICKENED SLAB EDGE EDGE SLOPE (WHERE APPLICABLE)
24"Ø THICKENED FTG.
CTR. ON HOLDOWN
4" DEEPENED FOUNDATION

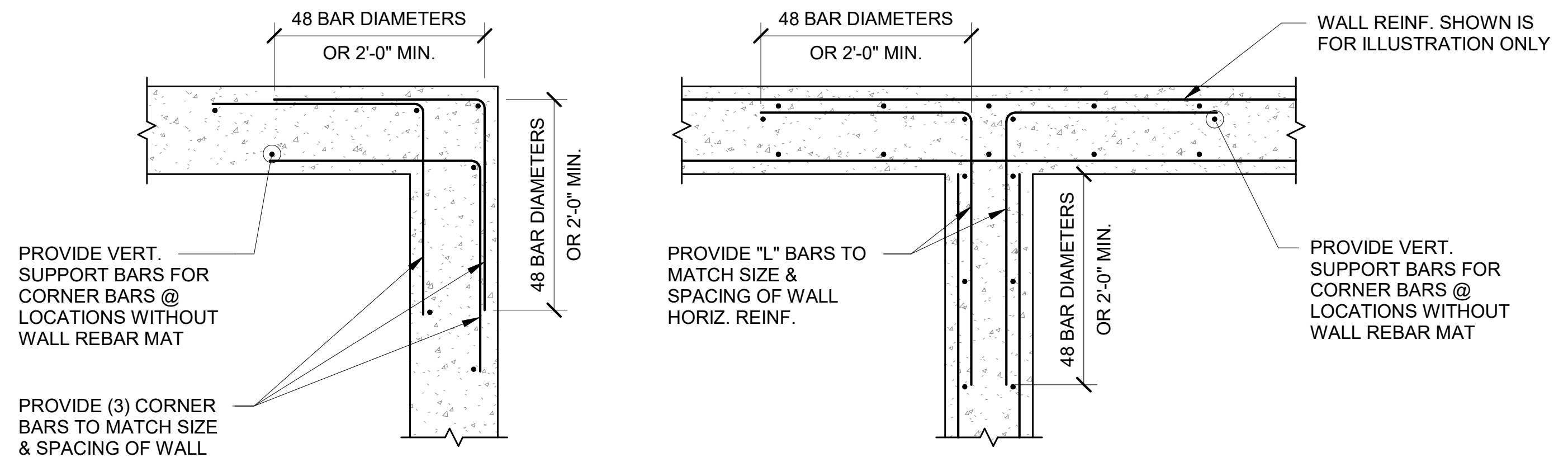
TYP. THICKENED SLAB @ INTERIOR SHEARWALL HOLDOWNS

6A SECTION
3/4" = 1'-0"


TYP. EXTERIOR WALL THICKENED SLAB PER 1A/S3.02
8"
4" DEEPENED FOUNDATION
CONT. FOOTING OR FOUNDATION WALL
24" WIDE THICKENED SLAB (RE: 6A/S3.01 FOR @ ENDS OF INTERIOR SHEARWALLS)
2
PER PLAN &
SCHED.
2' - 0"

TYP. THICKENED SLAB @ INTERIOR SHEARWALL HOLDOWNS

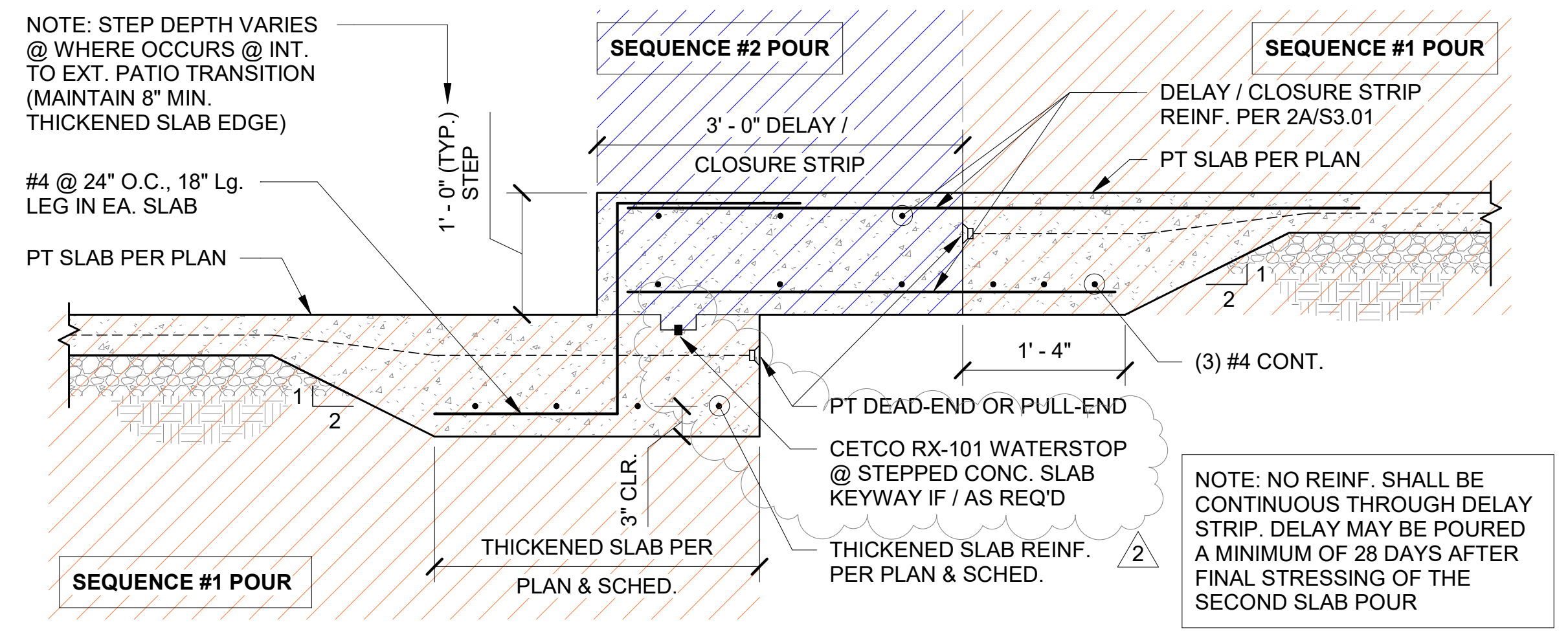
6B SECTION
3/4" = 1'-0"


48 BAR DIAMETERS
OR 2'-0" MIN.
48 BAR DIAMETERS
OR 2'-0" MIN.
PROVIDE VERT. SUPPORT BARS FOR CORNER BARS @ LOCATIONS WITHOUT WALL REBAR MAT
PROVIDE (3) CORNER BARS TO MATCH SIZE & SPACING OF WALL HORIZ. REINF.
48 BAR DIAMETERS
OR 2'-0" MIN.
WALL REINF. SHOWN IS FOR ILLUSTRATION ONLY
PROVIDE "L" BARS TO MATCH SIZE & SPACING OF WALL HORIZ. REINF.
48 BAR DIAMETERS
OR 2'-0" MIN.
PROVIDE VERT. SUPPORT BARS FOR CORNER BARS @ LOCATIONS WITHOUT WALL REBAR MAT

TYP. CORNER REINFORCING BARS @ CONCRETE WALLS & FOUNDATIONS

TYP. T-INTERSECTION REINFORCING BARS @ CONCRETE WALLS & FOUNDATIONS

7 SECTION
3/4" = 1'-0"


NOTE: STEP DEPTH VARIES @ WHERE OCCURS @ INT. TO EXT. PATIO TRANSITION (MAINTAIN 8" MIN. THICKENED SLAB EDGE)
SEQUENCE #2 POUR
SEQUENCE #1 POUR
3' - 0" DELAY /
CLOSURE STRIP
DELAY / CLOSURE STRIP REINF. PER 2A/S3.01
1' - 0" (TYP.) STEP
#4 @ 24" O.C., 18" Lg. LEG IN EA. SLAB
PT SLAB PER PLAN
PT SLAB PER PLAN
1
2
1
2
1' - 4"
(3) #4 CONT.
PT DEAD-END OR PULL-END
CETCO RX-101 WATERSTOP @ STEPPED CONC. SLAB KEYWAY IF / AS REQ'D
3" CLR.
THICKENED SLAB PER
PLAN & SCHED.
THICKENED SLAB REINF. PER PLAN & SCHED.
2
SEQUENCE #1 POUR

NOTE: NO REINF. SHALL BE CONTINUOUS THROUGH DELAY STRIP. DELAY MAY BE POURED A MINIMUM OF 28 DAYS AFTER FINAL STRESSING OF THE SECOND SLAB POUR

△2

NOTE: CONTINUE REINFORCING THROUGH GRADE BEAMS & SIDE-BY-SIDE GRADE BEAMS (WHERE OCCURS) @ S.O.G. STEP BTWN. SEGMENTS A / B & BTWN. SEGMENTS B / C

TYP. CONTINUOUS THICKENED SLAB STEP-DOWN W/ INCORPORATION OF PT DELAY / CLOSURE STRIP

8 SECTION
3/4" = 1'-0"

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ARCHITECTURE
LANDSCAPE ARCHITECTURE
ENERGY SERVICES

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JOHN A. KRUDWIG
NUMBER PE-2005000022
04.28.23

KRUDWIG
STRUCTURAL ENGINEERS INC
11200 Corporate Ave., Suite 110 Lenexa, Kansas 66219

A NEW RESIDENTIAL COMMUNITY AT::
TRILOGY
NW WARD RD. | LEE'S SUMMIT, MO

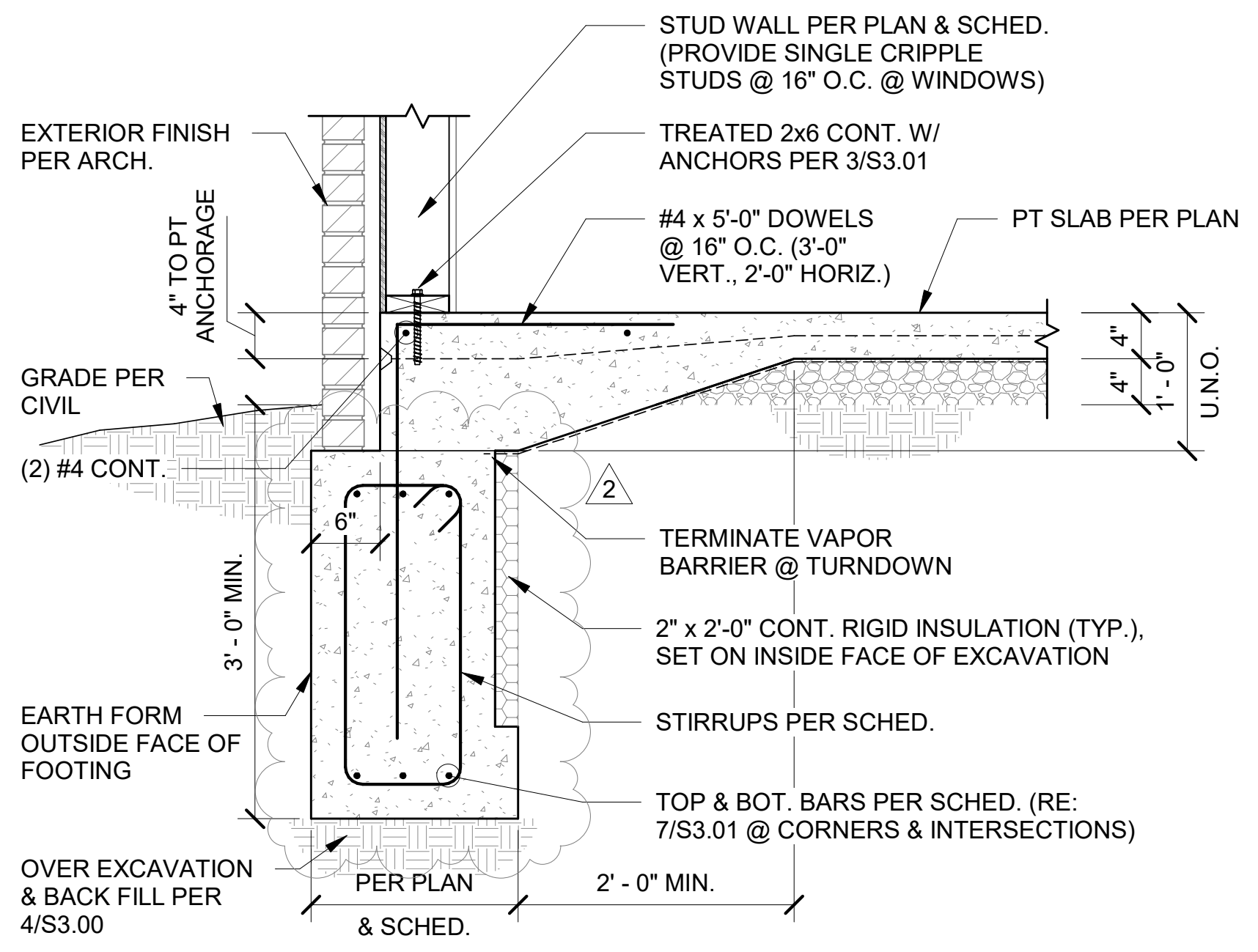
DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

△REVISIONS

1	23 0411	CITY COMMENTS
2	23 0428	ADD 1 / CC 2

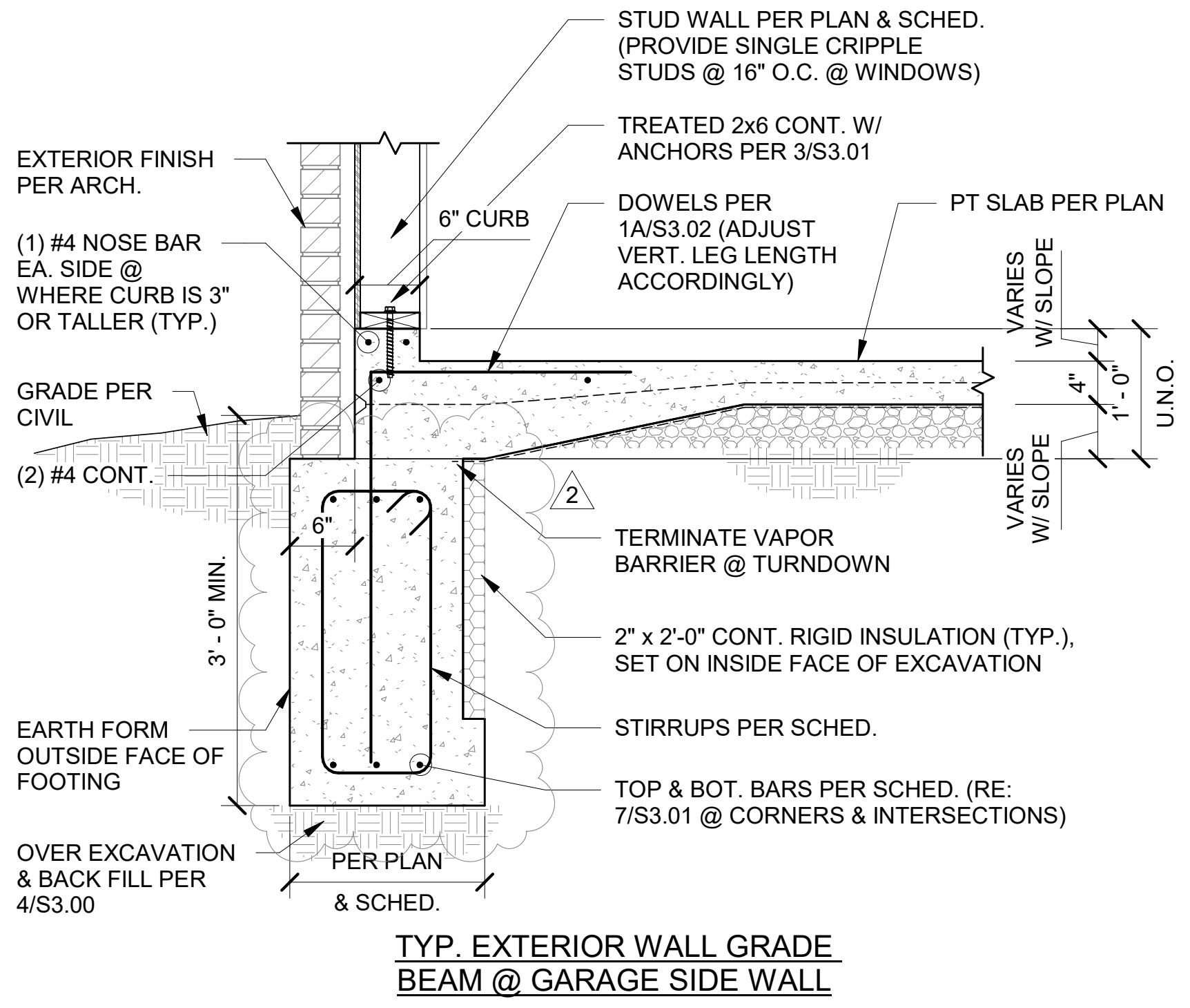
JOB NO. PN1129
DATE 03/15/23
DRAWN BY KSE
4.11.2023
CITY COMMENTS
SHEET NAME
FOUNDATION DETAILS
SHEET NO.
S3.01

ARCH E1 30" x 42"


EXTERIOR FINISH PER ARCH.
STUD WALL PER PLAN & SCHED. (PROVIDE SINGLE CRIPPLE STUDS @ 16" O.C. @ WINDOWS)
TREATED 2x6 CONT. W/ ANCHORS PER 3/S3.01
4" TO PT ANCHORAGE
#4 x 5'-0" DOWELS @ 16" O.C. (3'-0" VERT., 2'-0" HORIZ.)
PT SLAB PER PLAN
GRADE PER CIVIL
(2) #4 CONT.
4"
4"
1' - 0"
U.N.O.
6"
2
TERMINATE VAPOR BARRIER @ TURNDOWN
3' - 0" MIN.
2" x 2'-0" CONT. RIGID INSULATION (TYP.), SET ON INSIDE FACE OF EXCAVATION
EARTH FORM OUTSIDE FACE OF FOOTING
STIRRUPS PER SCHED.
TOP & BOT. BARS PER SCHED. (RE: 7/S3.01 @ CORNERS & INTERSECTIONS)
OVER EXCAVATION & BACK FILL PER 4/S3.00
PER PLAN & SCHED.
2' - 0" MIN.

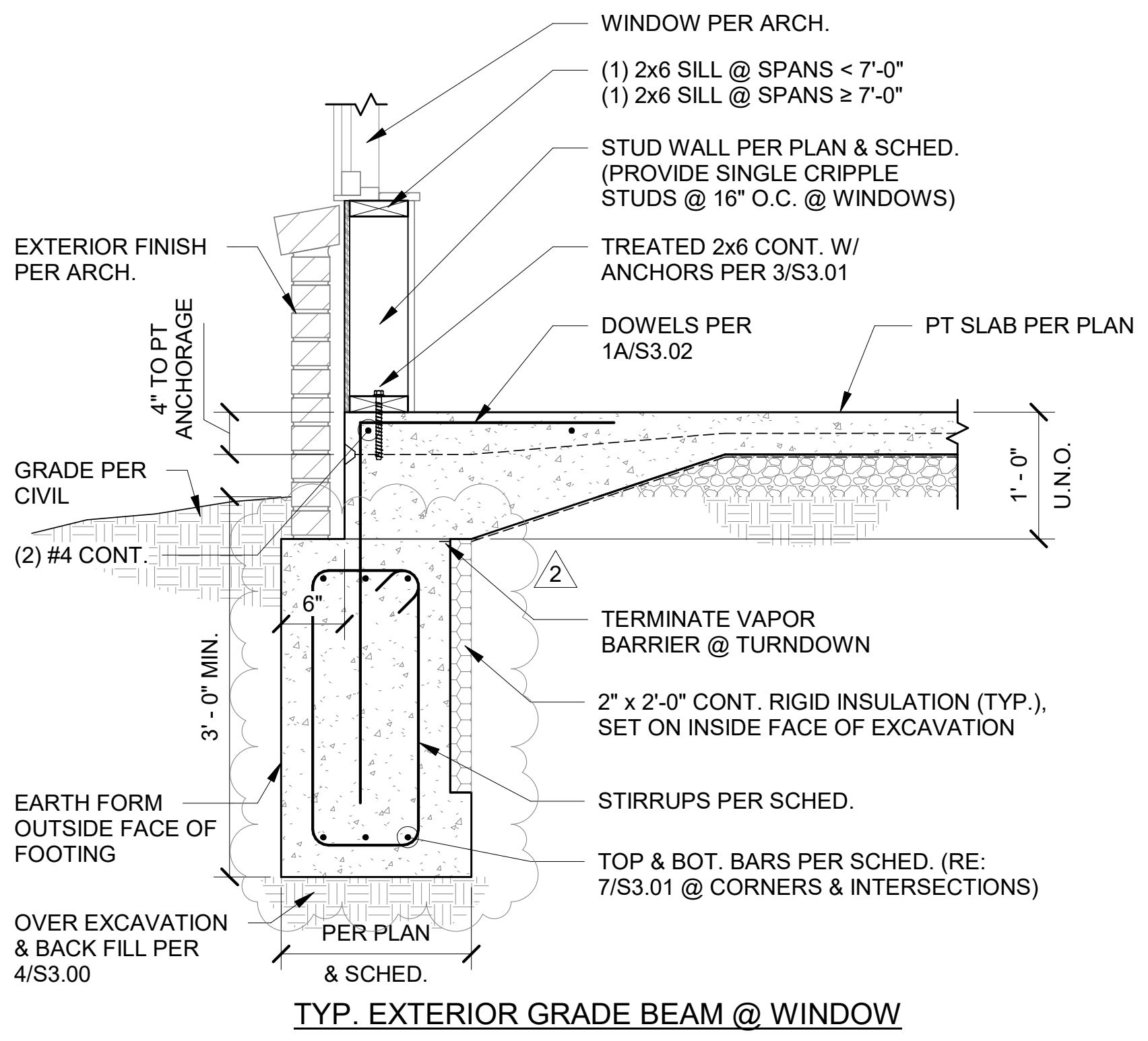
TYP. EXTERIOR WALL GRADE BEAM

1A SECTION
3/4" = 1'-0"


EXTERIOR FINISH PER ARCH.
STUD WALL PER PLAN & SCHED. (PROVIDE SINGLE CRIPPLE STUDS @ 16" O.C. @ WINDOWS)
TREATED 2x6 CONT. W/ ANCHORS PER 3/S3.01
6" CURB
(1) #4 NOSE BAR EA. SIDE @ WHERE CURB IS 3" OR TALLER (TYP.)
DOWELS PER 1A/S3.02 (ADJUST VERT. LEG LENGTH ACCORDINGLY)
PT SLAB PER PLAN
VARIES W/ SLOPE
GRADE PER CIVIL
(2) #4 CONT.
4"
1' - 0"
U.N.O.
VARIES W/ SLOPE
6"
2
TERMINATE VAPOR BARRIER @ TURNDOWN
3' - 0" MIN.
2" x 2'-0" CONT. RIGID INSULATION (TYP.), SET ON INSIDE FACE OF EXCAVATION
EARTH FORM OUTSIDE FACE OF FOOTING
STIRRUPS PER SCHED.
TOP & BOT. BARS PER SCHED. (RE: 7/S3.01 @ CORNERS & INTERSECTIONS)
OVER EXCAVATION & BACK FILL PER 4/S3.00
PER PLAN & SCHED.

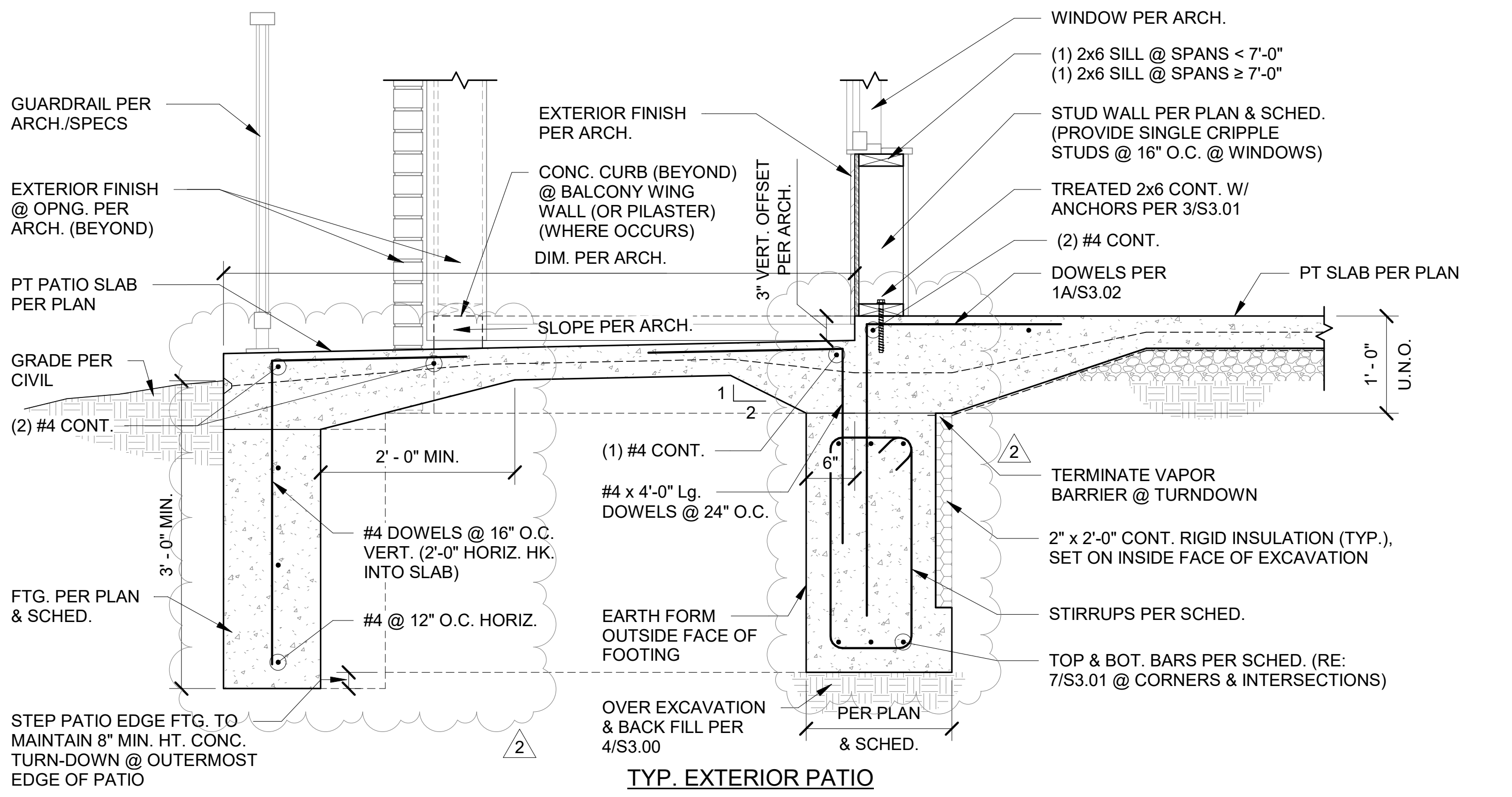
TYP. EXTERIOR WALL GRADE BEAM @ GARAGE SIDE WALL

1B SECTION
3/4" = 1'-0"


WINDOW PER ARCH.
(1) 2x6 SILL @ SPANS < 7'-0"
(1) 2x6 SILL @ SPANS ≥ 7'-0"
STUD WALL PER PLAN & SCHED. (PROVIDE SINGLE CRIPPLE STUDS @ 16" O.C. @ WINDOWS)
EXTERIOR FINISH PER ARCH.
TREATED 2x6 CONT. W/ ANCHORS PER 3/S3.01
4" TO PT ANCHORAGE
DOWELS PER 1A/S3.02
PT SLAB PER PLAN
GRADE PER CIVIL
(2) #4 CONT.
1' - 0"
U.N.O.
6"
2
TERMINATE VAPOR BARRIER @ TURNDOWN
3' - 0" MIN.
2" x 2'-0" CONT. RIGID INSULATION (TYP.), SET ON INSIDE FACE OF EXCAVATION
EARTH FORM OUTSIDE FACE OF FOOTING
STIRRUPS PER SCHED.
TOP & BOT. BARS PER SCHED. (RE: 7/S3.01 @ CORNERS & INTERSECTIONS)
OVER EXCAVATION & BACK FILL PER 4/S3.00
PER PLAN & SCHED.

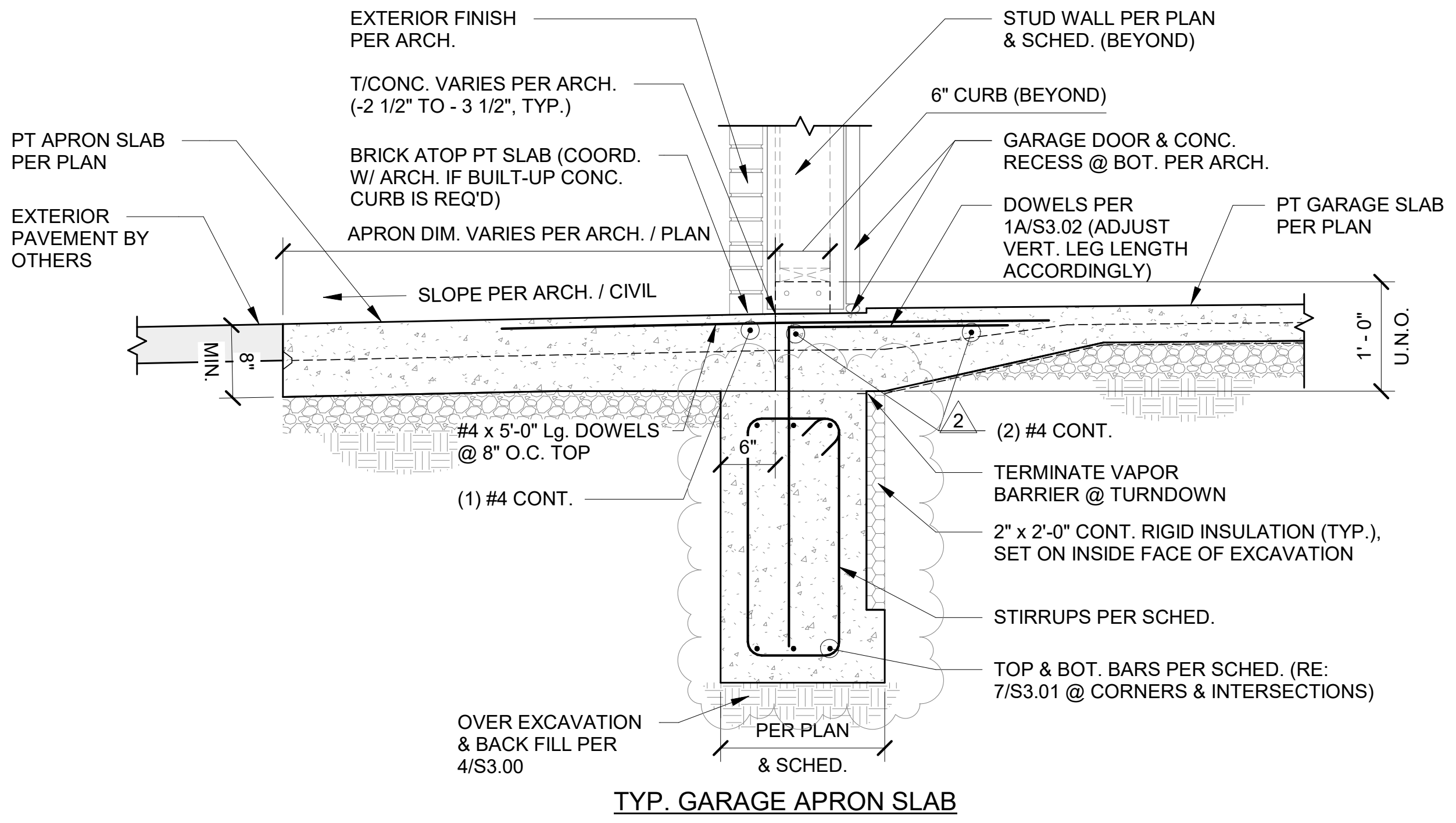
TYP. EXTERIOR GRADE BEAM @ WINDOW

2 SECTION
3/4" = 1'-0"


GUARDRAIL PER ARCH./SPECS
EXTERIOR FINISH @ OPNG. PER ARCH. (BEYOND)
EXTERIOR FINISH PER ARCH.
CONC. CURB (BEYOND) @ BALCONY WING WALL (OR PILASTER) (WHERE OCCURS)
DIM. PER ARCH.
3" VERT. OFFSET PER ARCH.
WINDOW PER ARCH.
(1) 2x6 SILL @ SPANS < 7'-0"
(1) 2x6 SILL @ SPANS ≥ 7'-0"
STUD WALL PER PLAN & SCHED. (PROVIDE SINGLE CRIPPLE STUDS @ 16" O.C. @ WINDOWS)
TREATED 2x6 CONT. W/ ANCHORS PER 3/S3.01
(2) #4 CONT.
DOWELS PER 1A/S3.02
PT SLAB PER PLAN
PT PATIO SLAB PER PLAN
SLOPE PER ARCH.
GRADE PER CIVIL
(2) #4 CONT.
1
2
1' - 0"
U.N.O.
2' - 0" MIN.
(1) #4 CONT.
#4 x 4'-0" Lg. DOWELS @ 24" O.C.
6"
2
TERMINATE VAPOR BARRIER @ TURNDOWN
3' - 0" MIN.
#4 DOWELS @ 16" O.C. VERT. (2'-0" HORIZ. HK. INTO SLAB)
2" x 2'-0" CONT. RIGID INSULATION (TYP.), SET ON INSIDE FACE OF EXCAVATION
FTG. PER PLAN & SCHED.
#4 @ 12" O.C. HORIZ.
EARTH FORM OUTSIDE FACE OF FOOTING
STIRRUPS PER SCHED.
TOP & BOT. BARS PER SCHED. (RE: 7/S3.01 @ CORNERS & INTERSECTIONS)
OVER EXCAVATION & BACK FILL PER 4/S3.00
PER PLAN & SCHED.
STEP PATIO EDGE FTG. TO MAINTAIN 8" MIN. HT. CONC. TURN-DOWN @ OUTERMOST EDGE OF PATIO
2

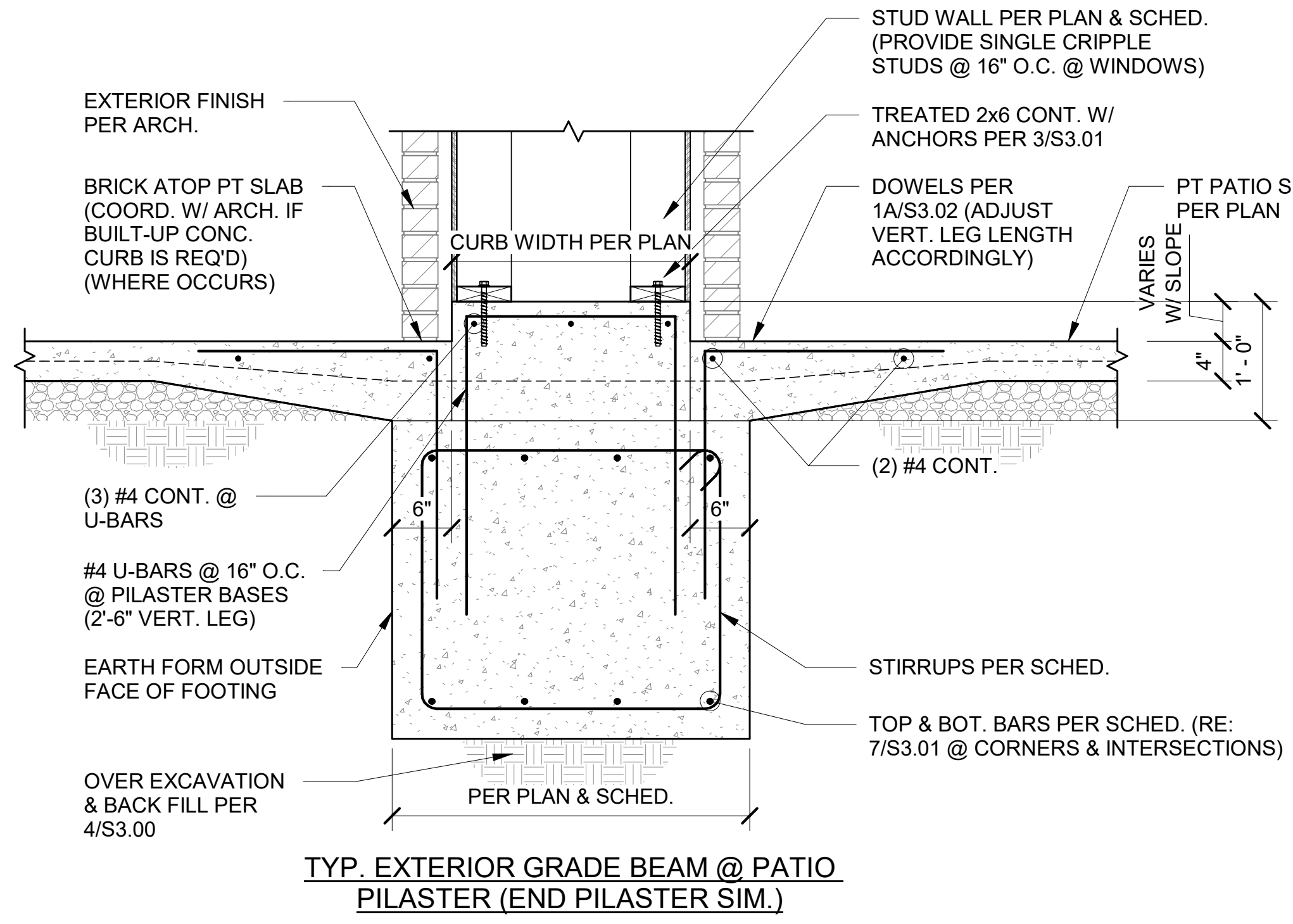
TYP. EXTERIOR PATIO

3 SECTION
3/4" = 1'-0"


EXTERIOR FINISH PER ARCH.
T/CONC. VARIES PER ARCH. (-2 1/2" TO - 3 1/2", TYP.)
STUD WALL PER PLAN & SCHED. (BEYOND)
6" CURB (BEYOND)
PT APRON SLAB PER PLAN
BRICK ATOP PT SLAB (COORD. W/ ARCH. IF BUILT-UP CONC. CURB IS REQ'D)
GARAGE DOOR & CONC. RECESS @ BOT. PER ARCH.
EXTERIOR PAVEMENT BY OTHERS
APRON DIM. VARIES PER ARCH. / PLAN
DOWELS PER 1A/S3.02 (ADJUST VERT. LEG LENGTH ACCORDINGLY)
PT GARAGE SLAB PER PLAN
SLOPE PER ARCH. / CIVIL
8" MIN.
1' - 0"
U.N.O.
#4 x 5'-0" Lg. DOWELS @ 8" O.C. TOP
6"
2
(2) #4 CONT.
(1) #4 CONT.
TERMINATE VAPOR BARRIER @ TURNDOWN
2" x 2'-0" CONT. RIGID INSULATION (TYP.), SET ON INSIDE FACE OF EXCAVATION
STIRRUPS PER SCHED.
TOP & BOT. BARS PER SCHED. (RE: 7/S3.01 @ CORNERS & INTERSECTIONS)
OVER EXCAVATION & BACK FILL PER 4/S3.00
PER PLAN & SCHED.

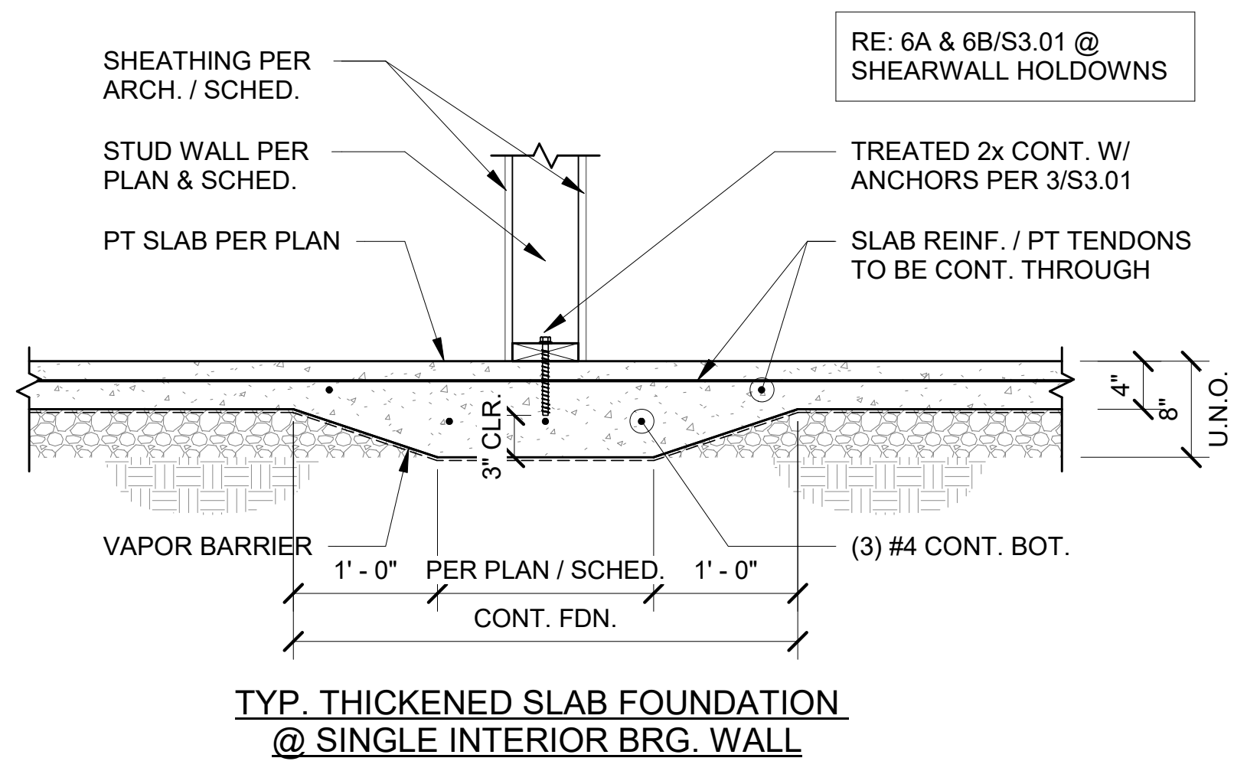
TYP. GARAGE APRON SLAB

4 SECTION
3/4" = 1'-0"


STUD WALL PER PLAN & SCHED. (PROVIDE SINGLE CRIPPLE STUDS @ 16" O.C. @ WINDOWS)
EXTERIOR FINISH PER ARCH.
TREATED 2x6 CONT. W/ ANCHORS PER 3/S3.01
BRICK ATOP PT SLAB (COORD. W/ ARCH. IF BUILT-UP CONC. CURB IS REQ'D) (WHERE OCCURS)
DOWELS PER 1A/S3.02 (ADJUST VERT. LEG LENGTH ACCORDINGLY)
PT PATIO SLAB PER PLAN
CURB WIDTH PER PLAN
VARIES W/ SLOPE
4"
1' - 0"
(2) #4 CONT.
(3) #4 CONT. @ U-BARS
6"
6"
#4 U-BARS @ 16" O.C. @ PILASTER BASES (2'-6" VERT. LEG)
EARTH FORM OUTSIDE FACE OF FOOTING
STIRRUPS PER SCHED.
TOP & BOT. BARS PER SCHED. (RE: 7/S3.01 @ CORNERS & INTERSECTIONS)
OVER EXCAVATION & BACK FILL PER 4/S3.00
PER PLAN & SCHED.

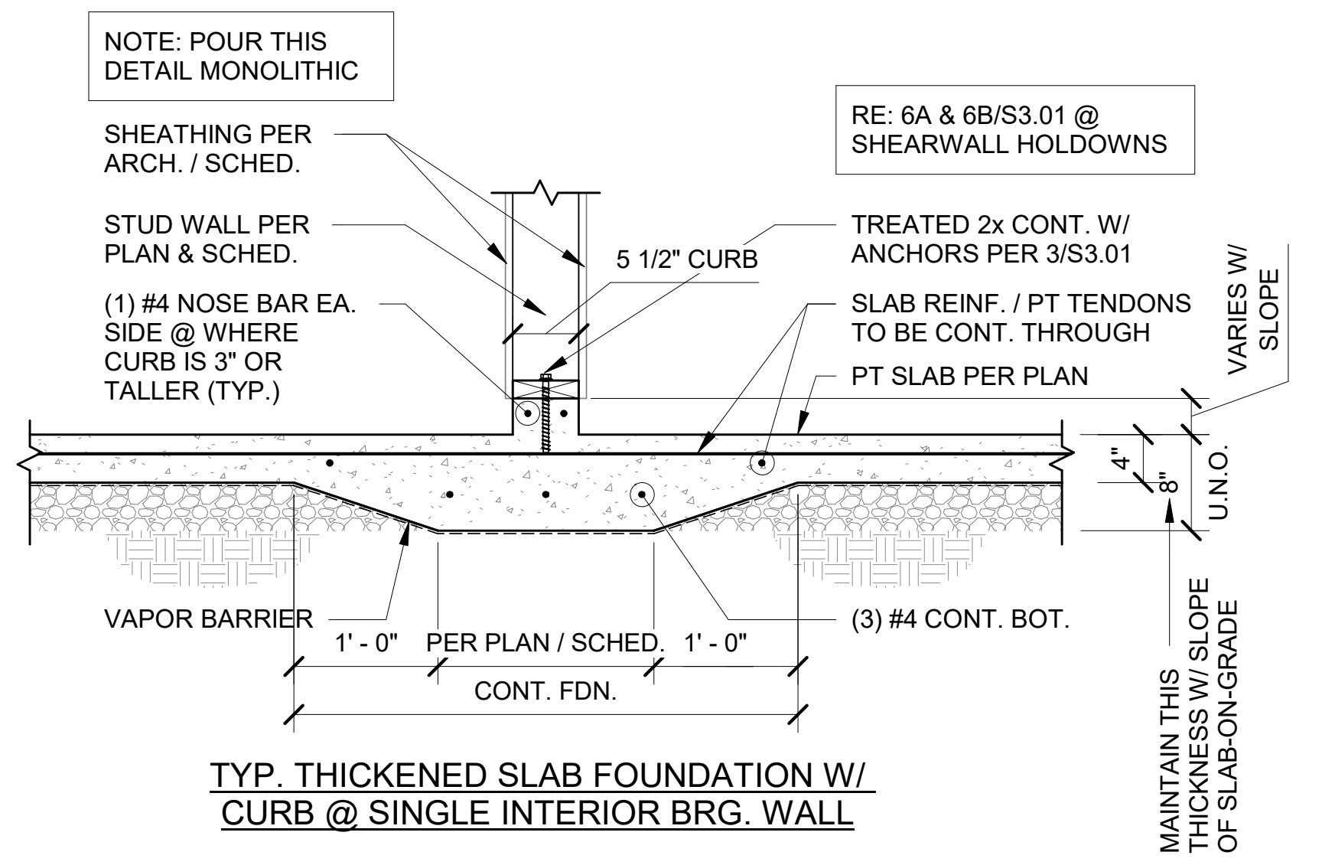
TYP. EXTERIOR GRADE BEAM @ PATIO PILASTER (END PILASTER SIM.)

5 SECTION
3/4" = 1'-0"


SHEATHING PER ARCH. / SCHED.
RE: 6A & 6B/S3.01 @ SHEARWALL HOLDOWNS
STUD WALL PER PLAN & SCHED.
TREATED 2x CONT. W/ ANCHORS PER 3/S3.01
PT SLAB PER PLAN
SLAB REINF. / PT TENDONS TO BE CONT. THROUGH
3" CLR.
4"
8"
U.N.O.
VAPOR BARRIER
(3) #4 CONT. BOT.
1' - 0"
PER PLAN / SCHED.
1' - 0"
CONT. FDN.

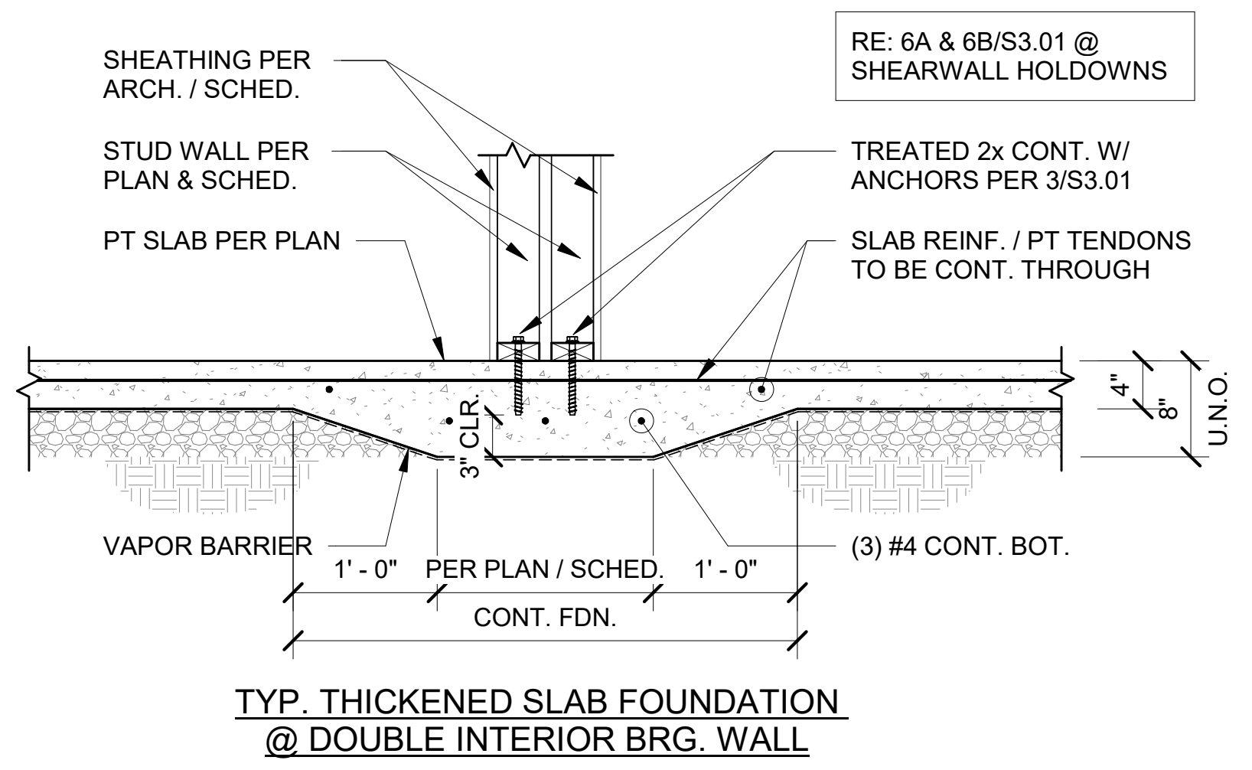
TYP. THICKENED SLAB FOUNDATION @ SINGLE INTERIOR BRG. WALL

6A SECTION
3/4" = 1'-0"


NOTE: POUR THIS DETAIL MONOLITHIC
SHEATHING PER ARCH. / SCHED.
RE: 6A & 6B/S3.01 @ SHEARWALL HOLDOWNS
STUD WALL PER PLAN & SCHED.
5 1/2" CURB
TREATED 2x CONT. W/ ANCHORS PER 3/S3.01
(1) #4 NOSE BAR EA. SIDE @ WHERE CURB IS 3" OR TALLER (TYP.)
SLAB REINF. / PT TENDONS TO BE CONT. THROUGH
PT SLAB PER PLAN
VARIES W/ SLOPE
4"
8"
U.N.O.
VAPOR BARRIER
(3) #4 CONT. BOT.
1' - 0"
PER PLAN / SCHED.
1' - 0"
CONT. FDN.
MAINTAIN THIS THICKNESS W/ SLOPE OF SLAB-ON-GRADE

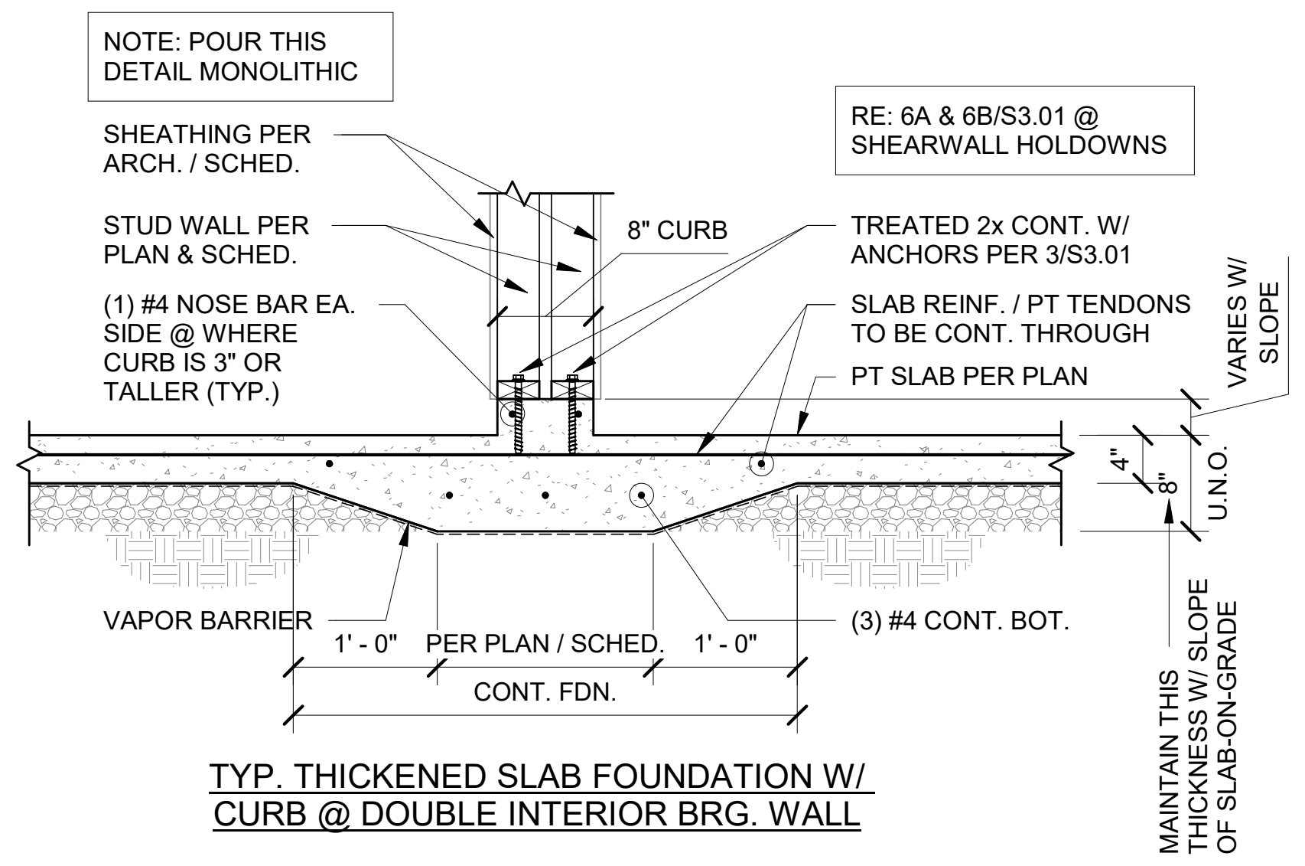
TYP. THICKENED SLAB FOUNDATION W/ CURB @ SINGLE INTERIOR BRG. WALL

6B SECTION
3/4" = 1'-0"


SHEATHING PER ARCH. / SCHED.
RE: 6A & 6B/S3.01 @ SHEARWALL HOLDOWNS
STUD WALL PER PLAN & SCHED.
TREATED 2x CONT. W/ ANCHORS PER 3/S3.01
PT SLAB PER PLAN
SLAB REINF. / PT TENDONS TO BE CONT. THROUGH
3" CLR.
4"
8"
U.N.O.
VAPOR BARRIER
(3) #4 CONT. BOT.
1' - 0"
PER PLAN / SCHED.
1' - 0"
CONT. FDN.

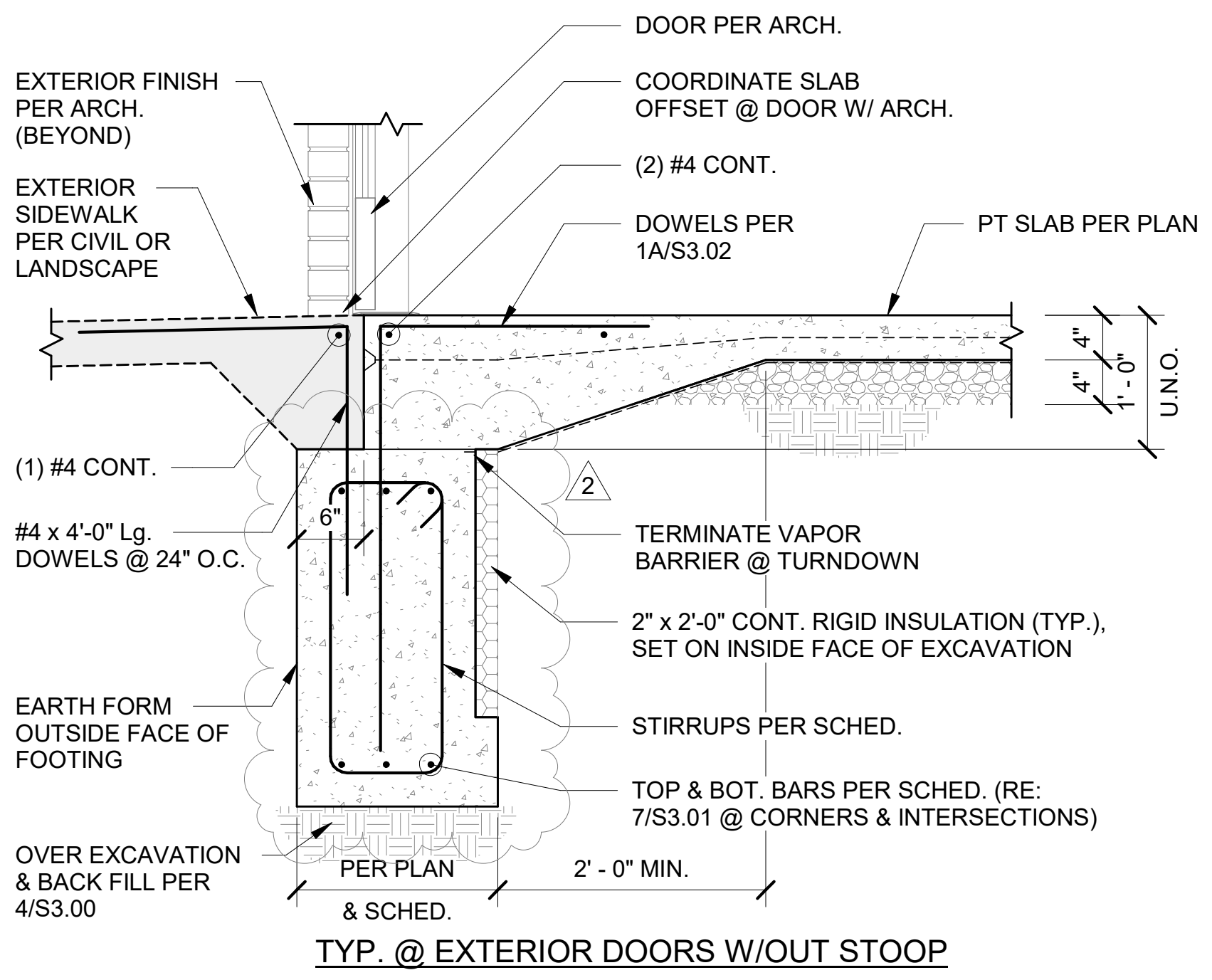
TYP. THICKENED SLAB FOUNDATION @ DOUBLE INTERIOR BRG. WALL

7A SECTION
3/4" = 1'-0"


NOTE: POUR THIS DETAIL MONOLITHIC
SHEATHING PER ARCH. / SCHED.
RE: 6A & 6B/S3.01 @ SHEARWALL HOLDOWNS
STUD WALL PER PLAN & SCHED.
8" CURB
TREATED 2x CONT. W/ ANCHORS PER 3/S3.01
(1) #4 NOSE BAR EA. SIDE @ WHERE CURB IS 3" OR TALLER (TYP.)
SLAB REINF. / PT TENDONS TO BE CONT. THROUGH
PT SLAB PER PLAN
VARIES W/ SLOPE
4"
8"
U.N.O.
VAPOR BARRIER
(3) #4 CONT. BOT.
1' - 0"
PER PLAN / SCHED.
1' - 0"
CONT. FDN.
MAINTAIN THIS THICKNESS W/ SLOPE OF SLAB-ON-GRADE

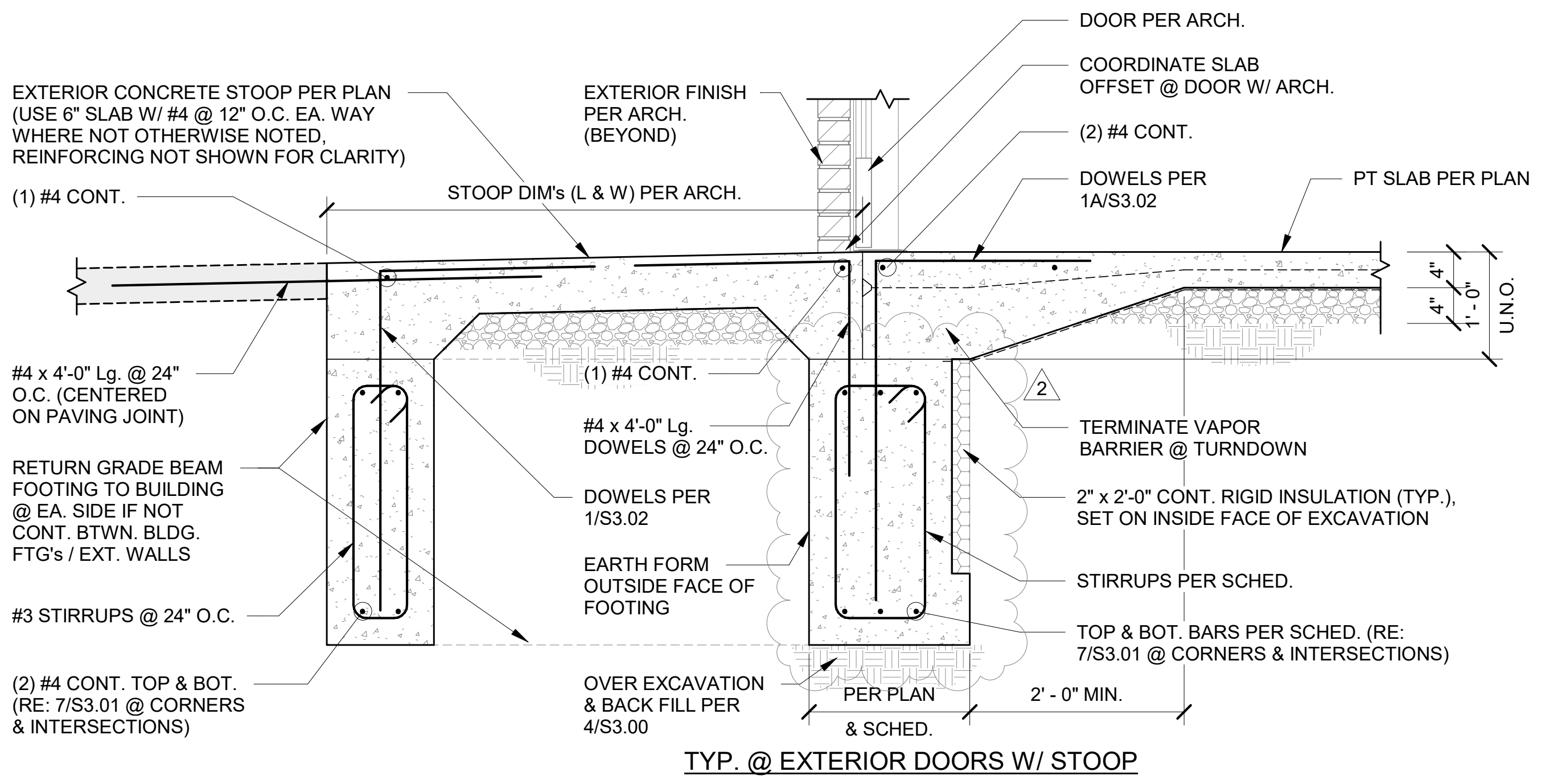
TYP. THICKENED SLAB FOUNDATION W/ CURB @ DOUBLE INTERIOR BRG. WALL

7B SECTION
3/4" = 1'-0"


DOOR PER ARCH.
EXTERIOR FINISH PER ARCH. (BEYOND)
COORDINATE SLAB OFFSET @ DOOR W/ ARCH.
(2) #4 CONT.
EXTERIOR SIDEWALK PER CIVIL OR LANDSCAPE
DOWELS PER 1A/S3.02
PT SLAB PER PLAN
4"
4"
1' - 0"
U.N.O.
(1) #4 CONT.
6"
2
#4 x 4'-0" Lg. DOWELS @ 24" O.C.
TERMINATE VAPOR BARRIER @ TURNDOWN
2" x 2'-0" CONT. RIGID INSULATION (TYP.), SET ON INSIDE FACE OF EXCAVATION
EARTH FORM OUTSIDE FACE OF FOOTING
STIRRUPS PER SCHED.
TOP & BOT. BARS PER SCHED. (RE: 7/S3.01 @ CORNERS & INTERSECTIONS)
OVER EXCAVATION & BACK FILL PER 4/S3.00
PER PLAN & SCHED.
2' - 0" MIN.

TYP. @ EXTERIOR DOORS W/OUT STOOP

8A SECTION
3/4" = 1'-0"


DOOR PER ARCH.
EXTERIOR CONCRETE STOOP PER PLAN (USE 6" SLAB W/ #4 @ 12" O.C. EA. WAY WHERE NOT OTHERWISE NOTED, REINFORCING NOT SHOWN FOR CLARITY)
EXTERIOR FINISH PER ARCH. (BEYOND)
COORDINATE SLAB OFFSET @ DOOR W/ ARCH.
(2) #4 CONT.
(1) #4 CONT.
STOOP DIM's (L & W) PER ARCH.
DOWELS PER 1A/S3.02
PT SLAB PER PLAN
4"
4"
1' - 0"
U.N.O.
#4 x 4'-0" Lg. @ 24" O.C. (CENTERED ON PAVING JOINT)
(1) #4 CONT.
2
#4 x 4'-0" Lg. DOWELS @ 24" O.C.
TERMINATE VAPOR BARRIER @ TURNDOWN
RETURN GRADE BEAM FOOTING TO BUILDING @ EA. SIDE IF NOT CONT. BTWN. BLDG. FTG's / EXT. WALLS
DOWELS PER 1/S3.02
2" x 2'-0" CONT. RIGID INSULATION (TYP.), SET ON INSIDE FACE OF EXCAVATION
EARTH FORM OUTSIDE FACE OF FOOTING
STIRRUPS PER SCHED.
#3 STIRRUPS @ 24" O.C.
TOP & BOT. BARS PER SCHED. (RE: 7/S3.01 @ CORNERS & INTERSECTIONS)
(2) #4 CONT. TOP & BOT. (RE: 7/S3.01 @ CORNERS & INTERSECTIONS)
OVER EXCAVATION & BACK FILL PER 4/S3.00
PER PLAN & SCHED.
2' - 0" MIN.

TYP. @ EXTERIOR DOORS W/ STOOP

8B SECTION
3/4" = 1'-0"

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STATE OF MISSOURI
JOHN A. KRUDWIG
NUMBER PE-2005000022
PROFESSIONAL ENGINEER
John A. Krudwig
04.28.23

KRUDWIG STRUCTURAL ENGINEERS INC
11200 Corporate Ave., Suite 110 Lenexa, Kansas 66219

A NEW RESIDENTIAL COMMUNITY AT::
TRILOGY
NW WARD RD. | LEE'S SUMMIT, MO

DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

△REVISIONS

1	23 0411	CITY COMMENTS
2	23 0428	ADD 1 / CC 2

JOB NO. **PN1129**
DATE **03/15/23**
DRAWN BY **KSE**

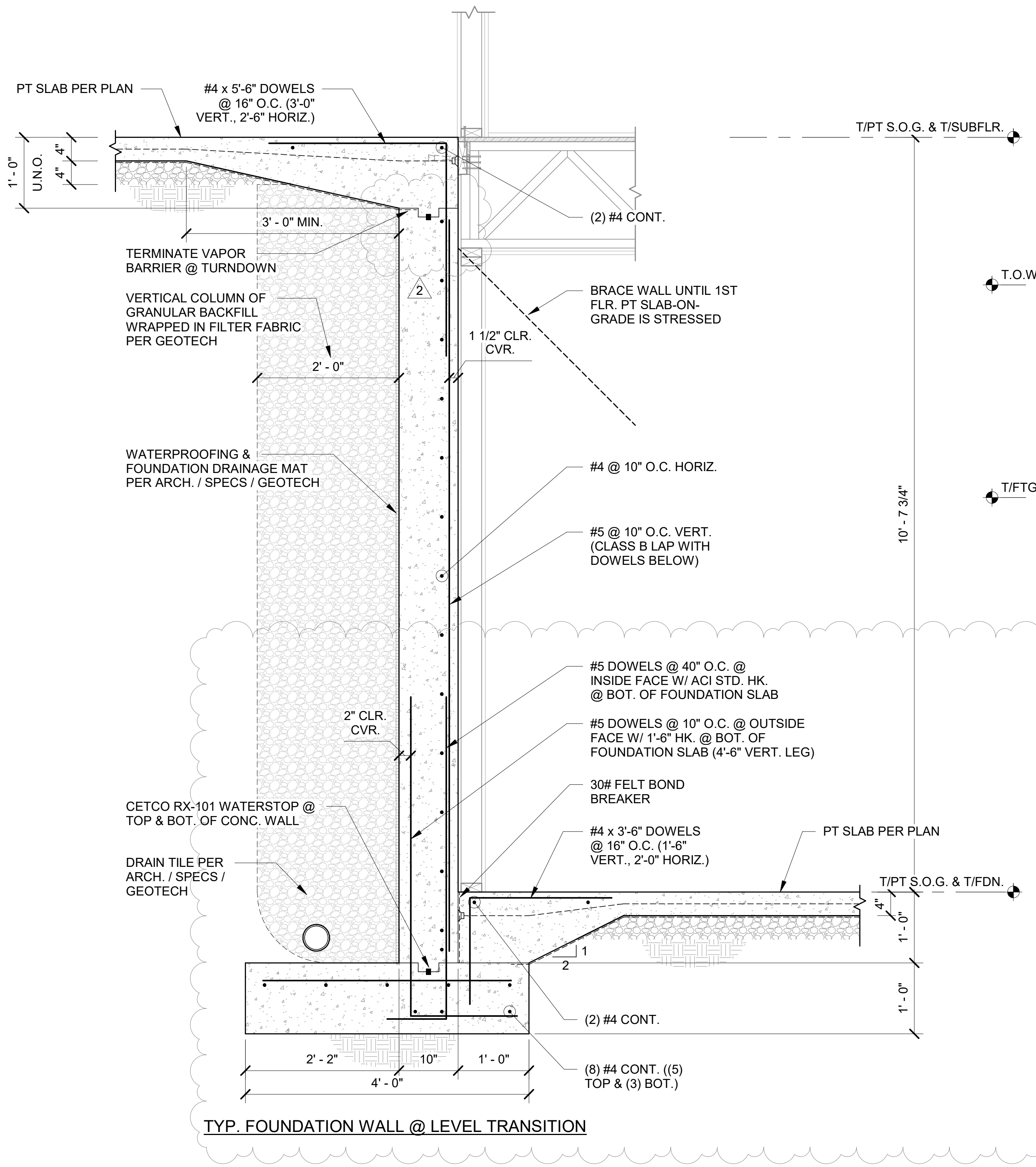
4.11.2023
CITY COMMENTS

SHEET NAME
FOUNDATION DETAILS

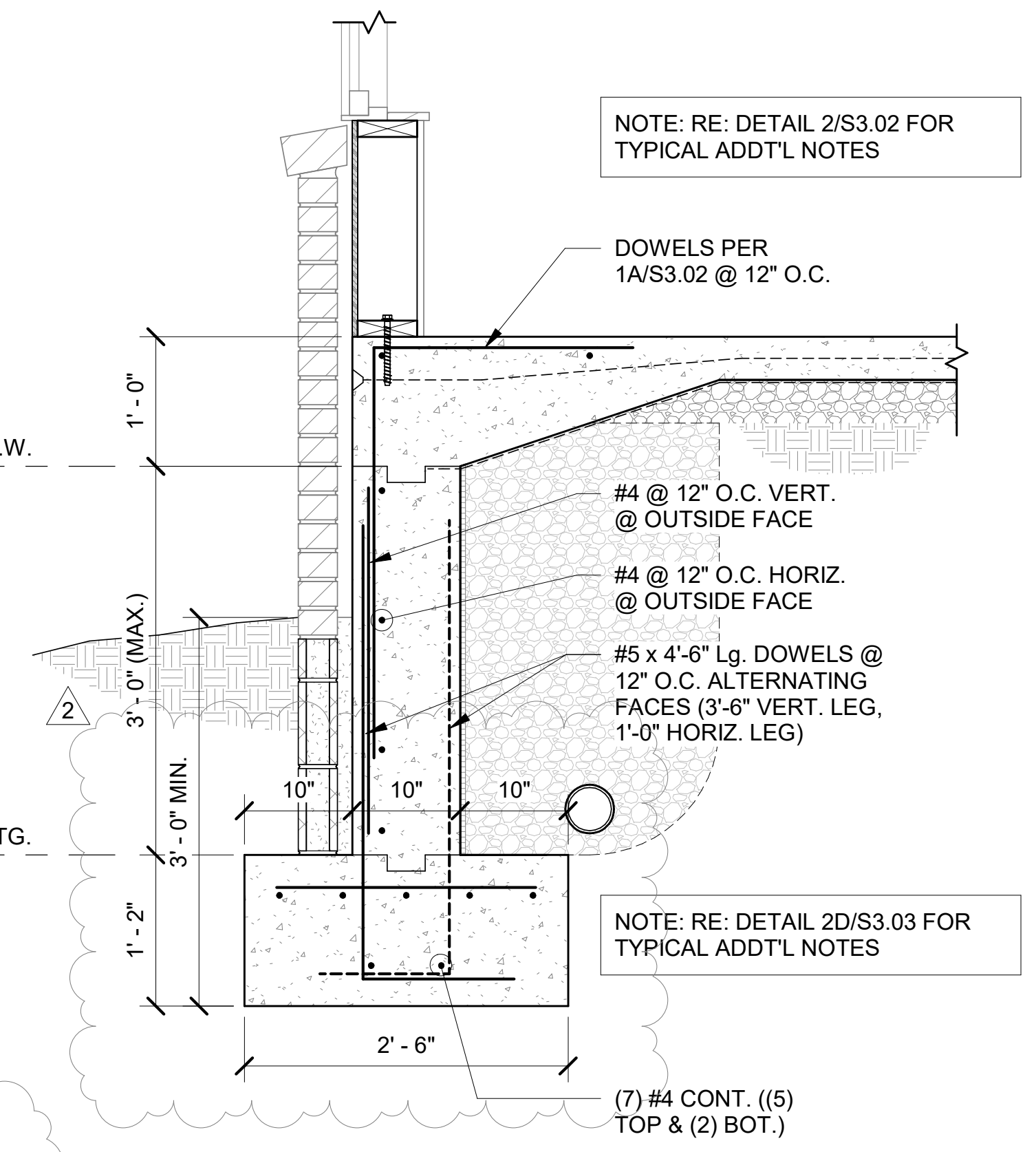
SHEET NO.
S3.02

4/28/2023 6:53:06 PM

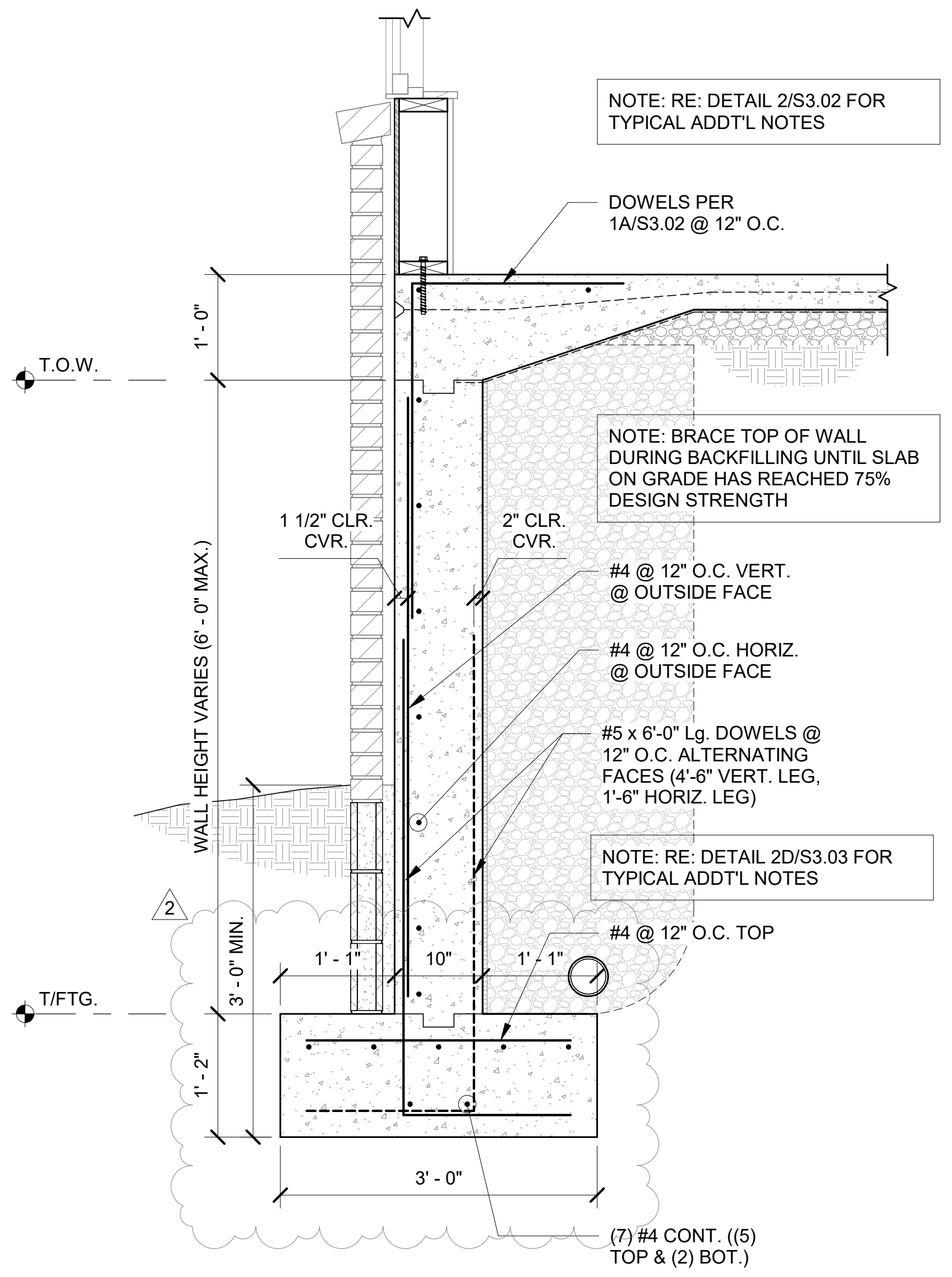
ARCH E1 30" x 42"


PT SLAB PER PLAN
#4 x 5'-6" DOWELS @ 16" O.C. (3'-0" VERT., 2'-6" HORIZ.)
1' - 0" U.N.O.
4"
4"
3' - 0" MIN.
(2) #4 CONT.
TERMINATE VAPOR BARRIER @ TURNDOWN
VERTICAL COLUMN OF GRANULAR BACKFILL WRAPPED IN FILTER FABRIC PER GEOTECH
BRACE WALL UNTIL 1ST FLR. PT SLAB-ON-GRADE IS STRESSED
1 1/2" CLR. CVR.
2' - 0"
WATERPROOFING & FOUNDATION DRAINAGE MAT PER ARCH. / SPECS / GEOTECH
#4 @ 10" O.C. HORIZ.
#5 @ 10" O.C. VERT. (CLASS B LAP WITH DOWELS BELOW)
T/PT S.O.G. & T/SUBFLR.
10' - 7 3/4"
#5 DOWELS @ 40" O.C. @ INSIDE FACE W/ ACI STD. HK. @ BOT. OF FOUNDATION SLAB
#5 DOWELS @ 10" O.C. @ OUTSIDE FACE W/ 1'-6" HK. @ BOT. OF FOUNDATION SLAB (4'-6" VERT. LEG)
2" CLR. CVR.
30# FELT BOND BREAKER
CETCO RX-101 WATERSTOP @ TOP & BOT. OF CONC. WALL
#4 x 3'-6" DOWELS @ 16" O.C. (1'-6" VERT., 2'-0" HORIZ.)
PT SLAB PER PLAN
DRAIN TILE PER ARCH. / SPECS / GEOTECH
T/PT S.O.G. & T/FDN.
4"
1' - 0"
1
2
1' - 0"
(2) #4 CONT.
2' - 2"
10"
1' - 0"
4' - 0"
(8) #4 CONT. ((5) TOP & (3) BOT.)
2
TYP. FOUNDATION WALL @ LEVEL TRANSITION

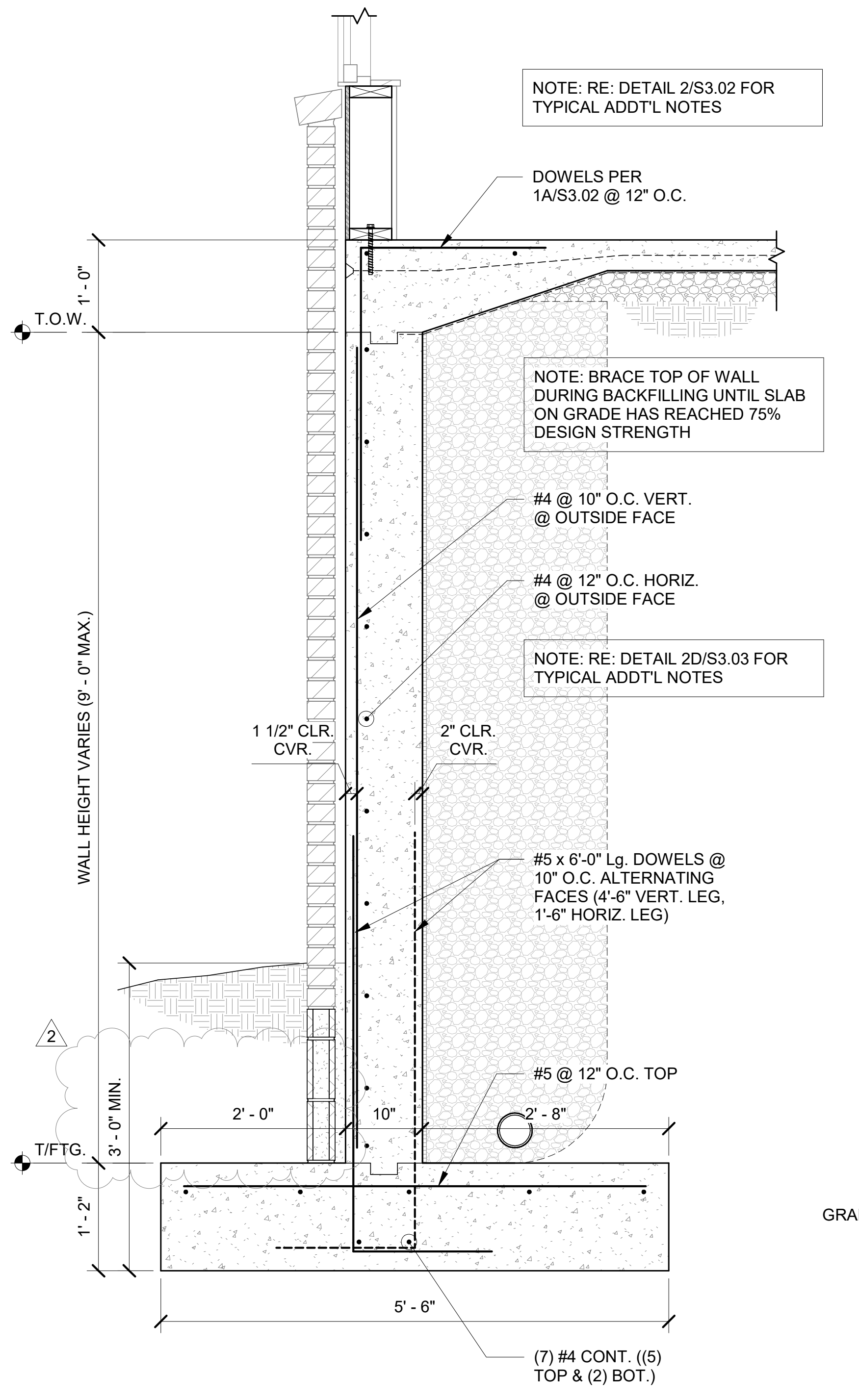
1 SECTION
3/4" = 1'-0"


NOTE: RE: DETAIL 2/S3.02 FOR TYPICAL ADDT'L NOTES
DOWELS PER 1A/S3.02 @ 12" O.C.
1' - 0"
T.O.W.
#4 @ 12" O.C. VERT. @ OUTSIDE FACE
#4 @ 12" O.C. HORIZ. @ OUTSIDE FACE
3' - 0" (MAX.)
#5 x 4'-6" Lg. DOWELS @ 12" O.C. ALTERNATING FACES (3'-6" VERT. LEG, 1'-0" HORIZ. LEG)
2
3' - 0" MIN.
10"
10"
10"
T/FTG.
1' - 2"
NOTE: RE: DETAIL 2D/S3.03 FOR TYPICAL ADDT'L NOTES
2' - 6"
(7) #4 CONT. ((5) TOP & (2) BOT.)

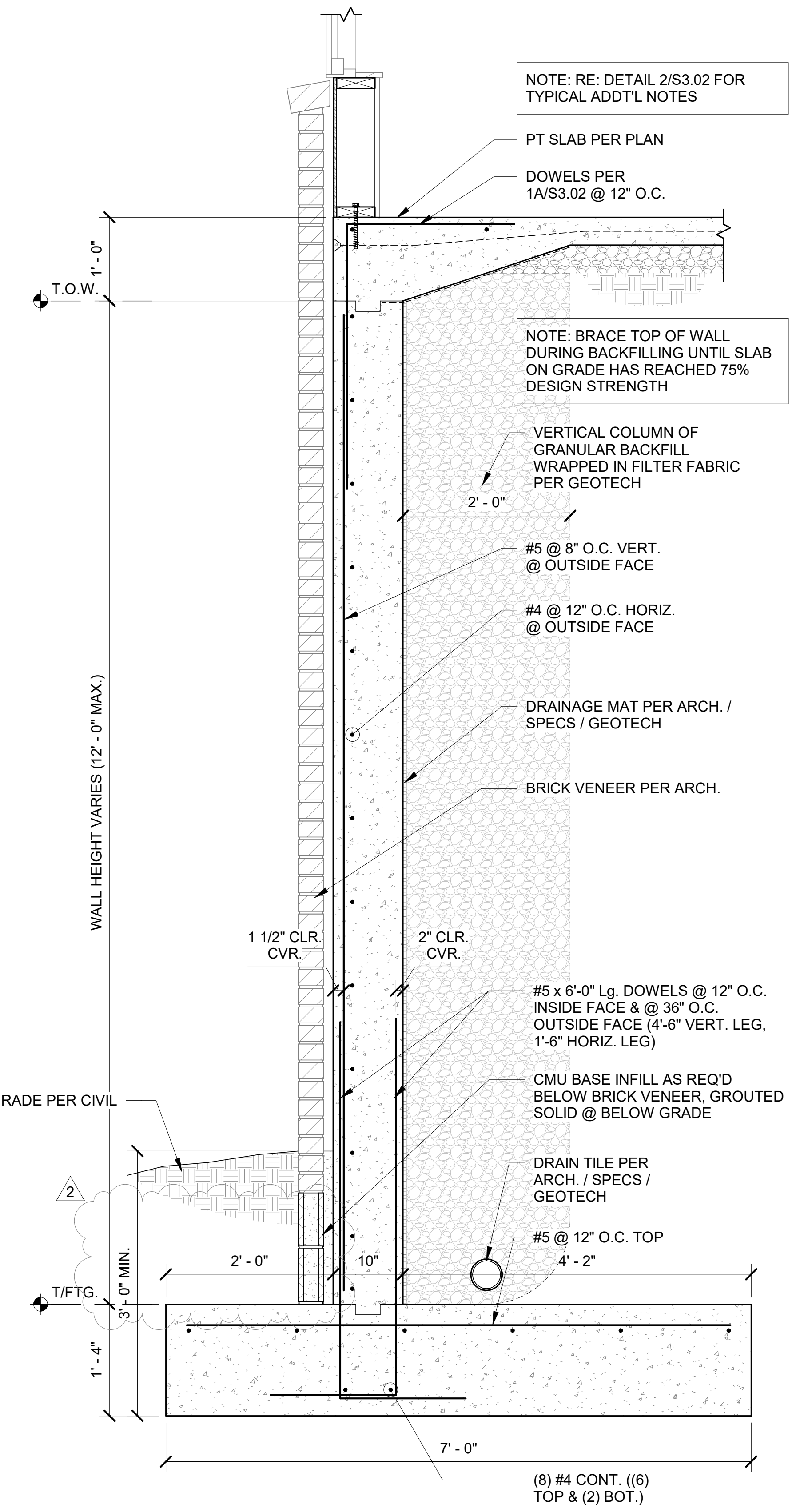
2A SECTION
3/4" = 1'-0"


NOTE: RE: DETAIL 2/S3.02 FOR TYPICAL ADDT'L NOTES
DOWELS PER 1A/S3.02 @ 12" O.C.
1' - 0"
T.O.W.
NOTE: BRACE TOP OF WALL DURING BACKFILLING UNTIL SLAB ON GRADE HAS REACHED 75% DESIGN STRENGTH
1 1/2" CLR. CVR.
2" CLR. CVR.
#4 @ 12" O.C. VERT. @ OUTSIDE FACE
#4 @ 12" O.C. HORIZ. @ OUTSIDE FACE
WALL HEIGHT VARIES (6' - 0" MAX.)
#5 x 6'-0" Lg. DOWELS @ 12" O.C. ALTERNATING FACES (4'-6" VERT. LEG, 1'-6" HORIZ. LEG)
NOTE: RE: DETAIL 2D/S3.03 FOR TYPICAL ADDT'L NOTES
2
#4 @ 12" O.C. TOP
3' - 0" MIN.
1' - 1"
10"
1' - 1"
T/FTG.
1' - 2"
3' - 0"
(7) #4 CONT. ((5) TOP & (2) BOT.)

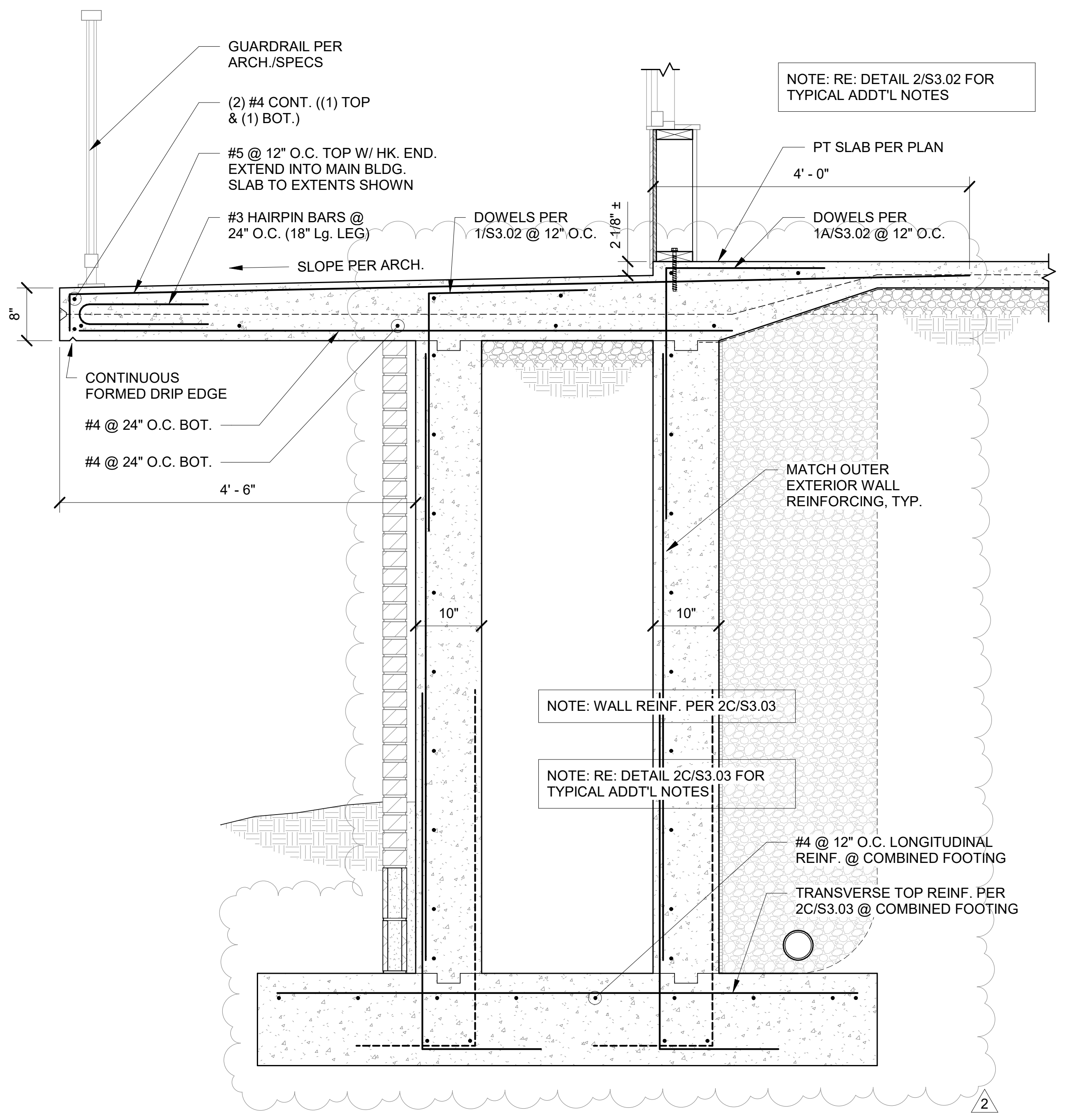
2B SECTION
3/4" = 1'-0"


NOTE: RE: DETAIL 2/S3.02 FOR TYPICAL ADDT'L NOTES
DOWELS PER 1A/S3.02 @ 12" O.C.
1' - 0"
T.O.W.
NOTE: BRACE TOP OF WALL DURING BACKFILLING UNTIL SLAB ON GRADE HAS REACHED 75% DESIGN STRENGTH
#4 @ 10" O.C. VERT. @ OUTSIDE FACE
#4 @ 12" O.C. HORIZ. @ OUTSIDE FACE
NOTE: RE: DETAIL 2D/S3.03 FOR TYPICAL ADDT'L NOTES
WALL HEIGHT VARIES (9' - 0" MAX.)
1 1/2" CLR. CVR.
2" CLR. CVR.
#5 x 6'-0" Lg. DOWELS @ 10" O.C. ALTERNATING FACES (4'-6" VERT. LEG, 1'-6" HORIZ. LEG)
2
#5 @ 12" O.C. TOP
3' - 0" MIN.
2' - 0"
10"
2' - 8"
T/FTG.
1' - 2"
5' - 6"
(7) #4 CONT. ((5) TOP & (2) BOT.)

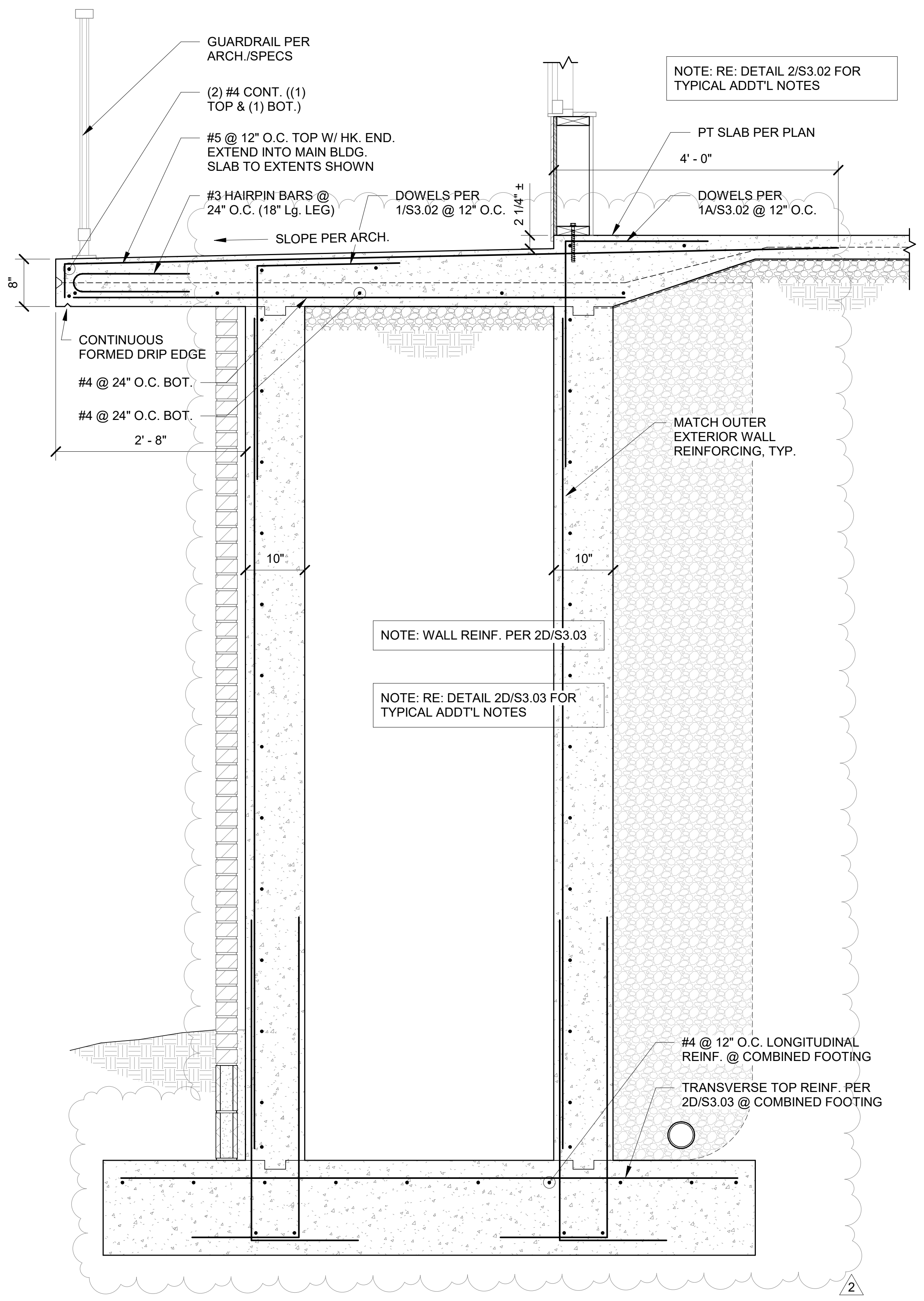
2C SECTION
3/4" = 1'-0"


NOTE: RE: DETAIL 2/S3.02 FOR TYPICAL ADDT'L NOTES
PT SLAB PER PLAN
DOWELS PER 1A/S3.02 @ 12" O.C.
1' - 0"
T.O.W.
NOTE: BRACE TOP OF WALL DURING BACKFILLING UNTIL SLAB ON GRADE HAS REACHED 75% DESIGN STRENGTH
VERTICAL COLUMN OF GRANULAR BACKFILL WRAPPED IN FILTER FABRIC PER GEOTECH
2' - 0"
#5 @ 8" O.C. VERT. @ OUTSIDE FACE
#4 @ 12" O.C. HORIZ. @ OUTSIDE FACE
DRAINAGE MAT PER ARCH. / SPECS / GEOTECH
BRICK VENEER PER ARCH.
WALL HEIGHT VARIES (12' - 0" MAX.)
1 1/2" CLR. CVR.
2" CLR. CVR.
#5 x 6'-0" Lg. DOWELS @ 12" O.C. INSIDE FACE & @ 36" O.C. OUTSIDE FACE (4'-6" VERT. LEG, 1'-6" HORIZ. LEG)
CMU BASE INFILL AS REQ'D BELOW BRICK VENEER, GROUTED SOLID @ BELOW GRADE
GRADE PER CIVIL
2
DRAIN TILE PER ARCH. / SPECS / GEOTECH
#5 @ 12" O.C. TOP
3' - 0" MIN.
2' - 0"
10"
4' - 2"
T/FTG.
1' - 4"
7' - 0"
(8) #4 CONT. ((6) TOP & (2) BOT.)

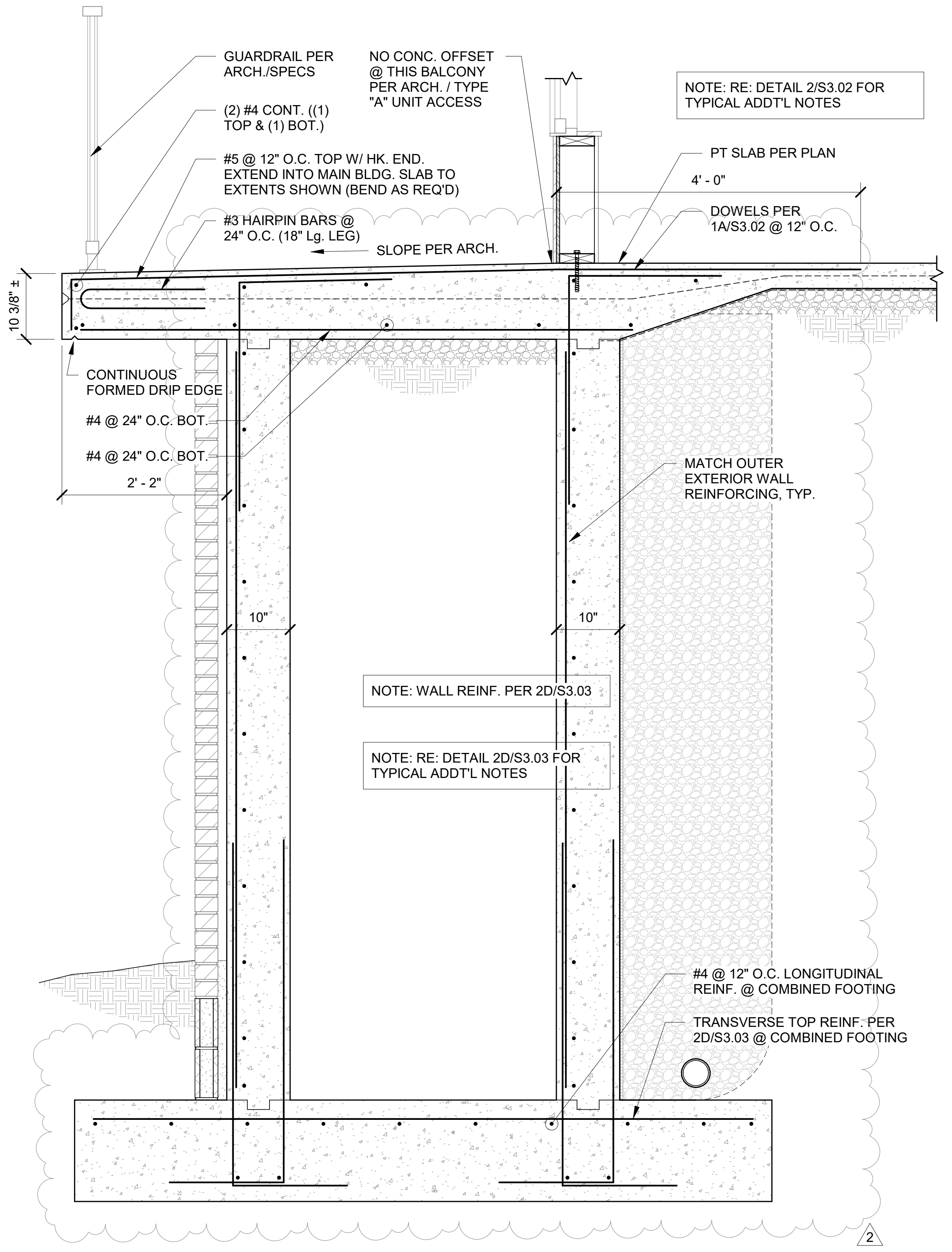
2D SECTION
3/4" = 1'-0"


GUARDRAIL PER ARCH./SPECS
(2) #4 CONT. ((1) TOP & (1) BOT.)
#5 @ 12" O.C. TOP W/ HK. END. EXTEND INTO MAIN BLDG. SLAB TO EXTENTS SHOWN
#3 HAIRPIN BARS @ 24" O.C. (18" Lg. LEG)
DOWELS PER 1/S3.02 @ 12" O.C.
2 1/8" ±
NOTE: RE: DETAIL 2/S3.02 FOR TYPICAL ADDT'L NOTES
PT SLAB PER PLAN
4' - 0"
DOWELS PER 1A/S3.02 @ 12" O.C.
SLOPE PER ARCH.
8"
CONTINUOUS FORMED DRIP EDGE
#4 @ 24" O.C. BOT.
#4 @ 24" O.C. BOT.
4' - 6"
MATCH OUTER EXTERIOR WALL REINFORCING, TYP.
10"
10"
NOTE: WALL REINF. PER 2C/S3.03
NOTE: RE: DETAIL 2C/S3.03 FOR TYPICAL ADDT'L NOTES
#4 @ 12" O.C. LONGITUDINAL REINF. @ COMBINED FOOTING
TRANSVERSE TOP REINF. PER 2C/S3.03 @ COMBINED FOOTING
2

3 SECTION
3/4" = 1'-0"


GUARDRAIL PER ARCH./SPECS
(2) #4 CONT. ((1) TOP & (1) BOT.)
#5 @ 12" O.C. TOP W/ HK. END. EXTEND INTO MAIN BLDG. SLAB TO EXTENTS SHOWN
#3 HAIRPIN BARS @ 24" O.C. (18" Lg. LEG)
DOWELS PER 1/S3.02 @ 12" O.C.
2 1/4" ±
NOTE: RE: DETAIL 2/S3.02 FOR TYPICAL ADDT'L NOTES
PT SLAB PER PLAN
4' - 0"
DOWELS PER 1A/S3.02 @ 12" O.C.
SLOPE PER ARCH.
8"
CONTINUOUS FORMED DRIP EDGE
#4 @ 24" O.C. BOT.
#4 @ 24" O.C. BOT.
2' - 8"
MATCH OUTER EXTERIOR WALL REINFORCING, TYP.
10"
10"
NOTE: WALL REINF. PER 2D/S3.03
NOTE: RE: DETAIL 2D/S3.03 FOR TYPICAL ADDT'L NOTES
#4 @ 12" O.C. LONGITUDINAL REINF. @ COMBINED FOOTING
TRANSVERSE TOP REINF. PER 2D/S3.03 @ COMBINED FOOTING
2

4 SECTION
3/4" = 1'-0"


GUARDRAIL PER ARCH./SPECS
NO CONC. OFFSET @ THIS BALCONY PER ARCH. / TYPE "A" UNIT ACCESS
(2) #4 CONT. ((1) TOP & (1) BOT.)
#5 @ 12" O.C. TOP W/ HK. END. EXTEND INTO MAIN BLDG. SLAB TO EXTENTS SHOWN (BEND AS REQ'D)
#3 HAIRPIN BARS @ 24" O.C. (18" Lg. LEG)
SLOPE PER ARCH.
NOTE: RE: DETAIL 2/S3.02 FOR TYPICAL ADDT'L NOTES
PT SLAB PER PLAN
4' - 0"
DOWELS PER 1A/S3.02 @ 12" O.C.
10 3/8" ±
CONTINUOUS FORMED DRIP EDGE
#4 @ 24" O.C. BOT.
#4 @ 24" O.C. BOT.
2' - 2"
MATCH OUTER EXTERIOR WALL REINFORCING, TYP.
10"
10"
NOTE: WALL REINF. PER 2D/S3.03
NOTE: RE: DETAIL 2D/S3.03 FOR TYPICAL ADDT'L NOTES
#4 @ 12" O.C. LONGITUDINAL REINF. @ COMBINED FOOTING
TRANSVERSE TOP REINF. PER 2D/S3.03 @ COMBINED FOOTING
2

5 SECTION
3/4" = 1'-0"

ARCHITECTURE
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JOHN A. KRUDWIG
NUMBER PE-2005000022
04.28.23

KRUDWIG
STRUCTURAL ENGINEERS INC
11200 Corporate Ave., Suite 110 Lenexa, Kansas 66219

A NEW RESIDENTIAL COMMUNITY AT::
TRILOGY
NW WARD RD. | LEE'S SUMMIT, MO

DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

△REVISIONS

1	23 0411	CITY COMMENTS
2	23 0428	ADD 1 / CC 2

JOB NO. DATE
PN1129 **03/15/23**
DRAWN BY
KSE

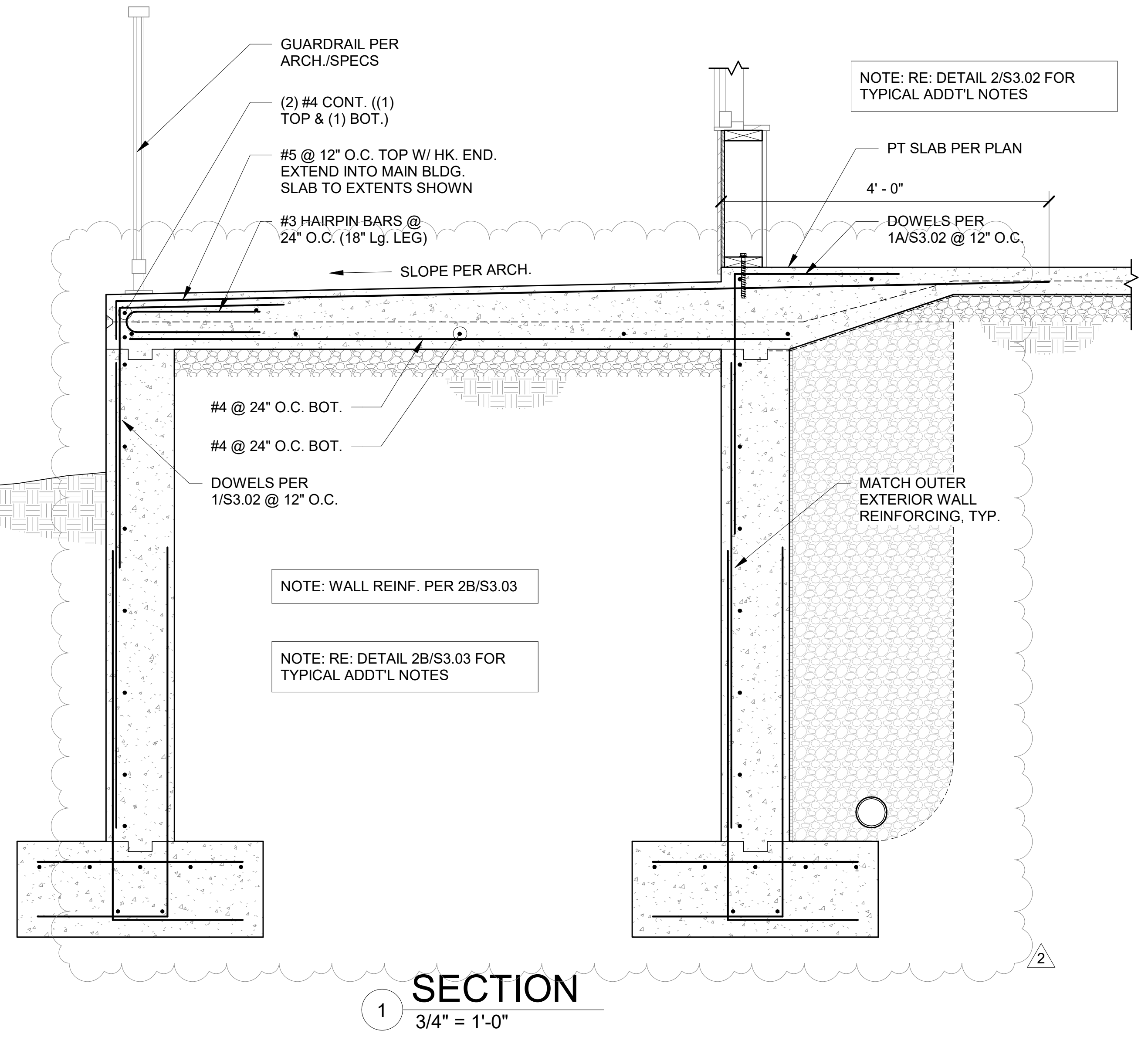
4.11.2023
CITY COMMENTS

SHEET NAME
FOUNDATION DETAILS

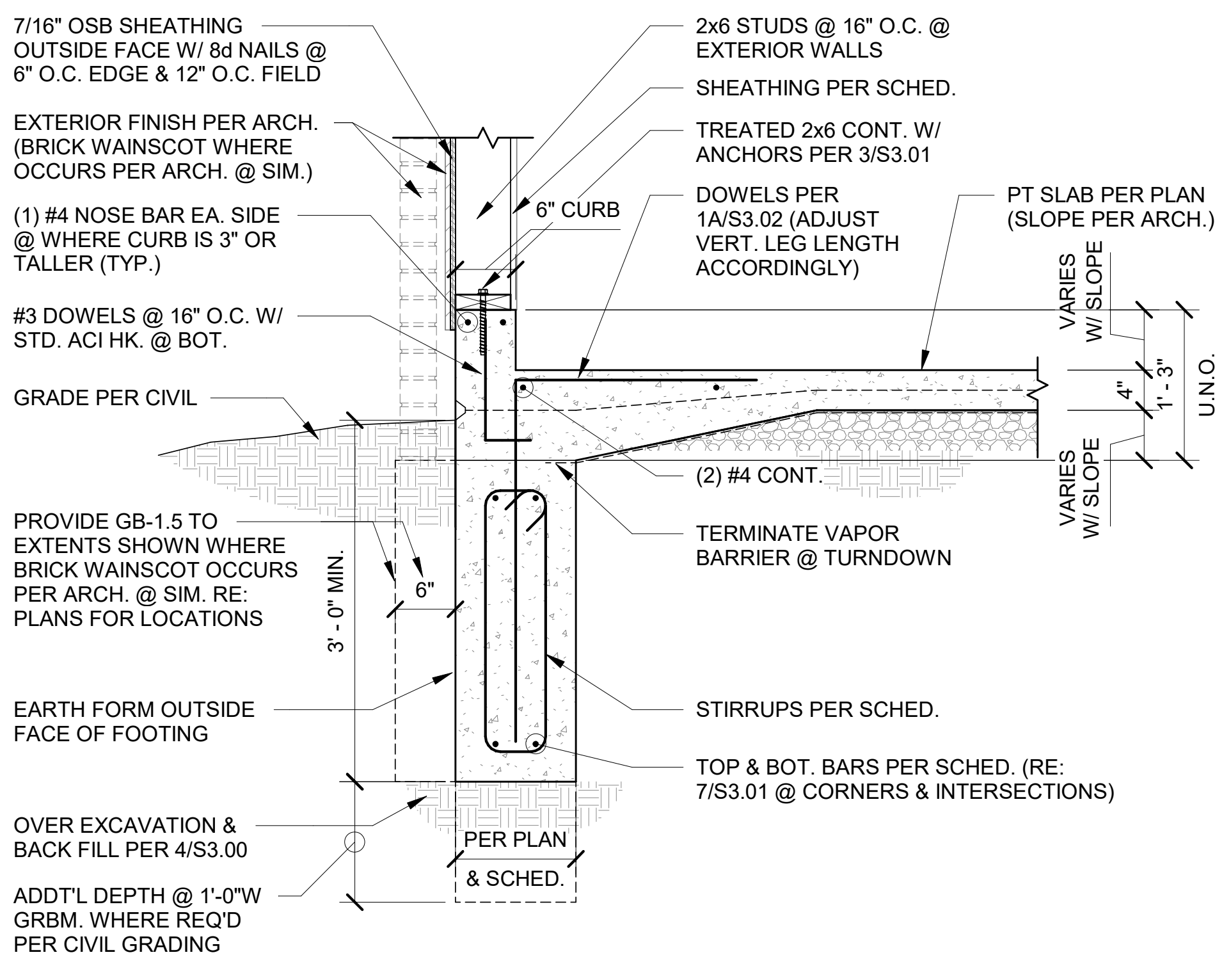
SHEET NO.
S3.03

4/28/2023 7:18:33 PM

ARCH E1 30" x 42"

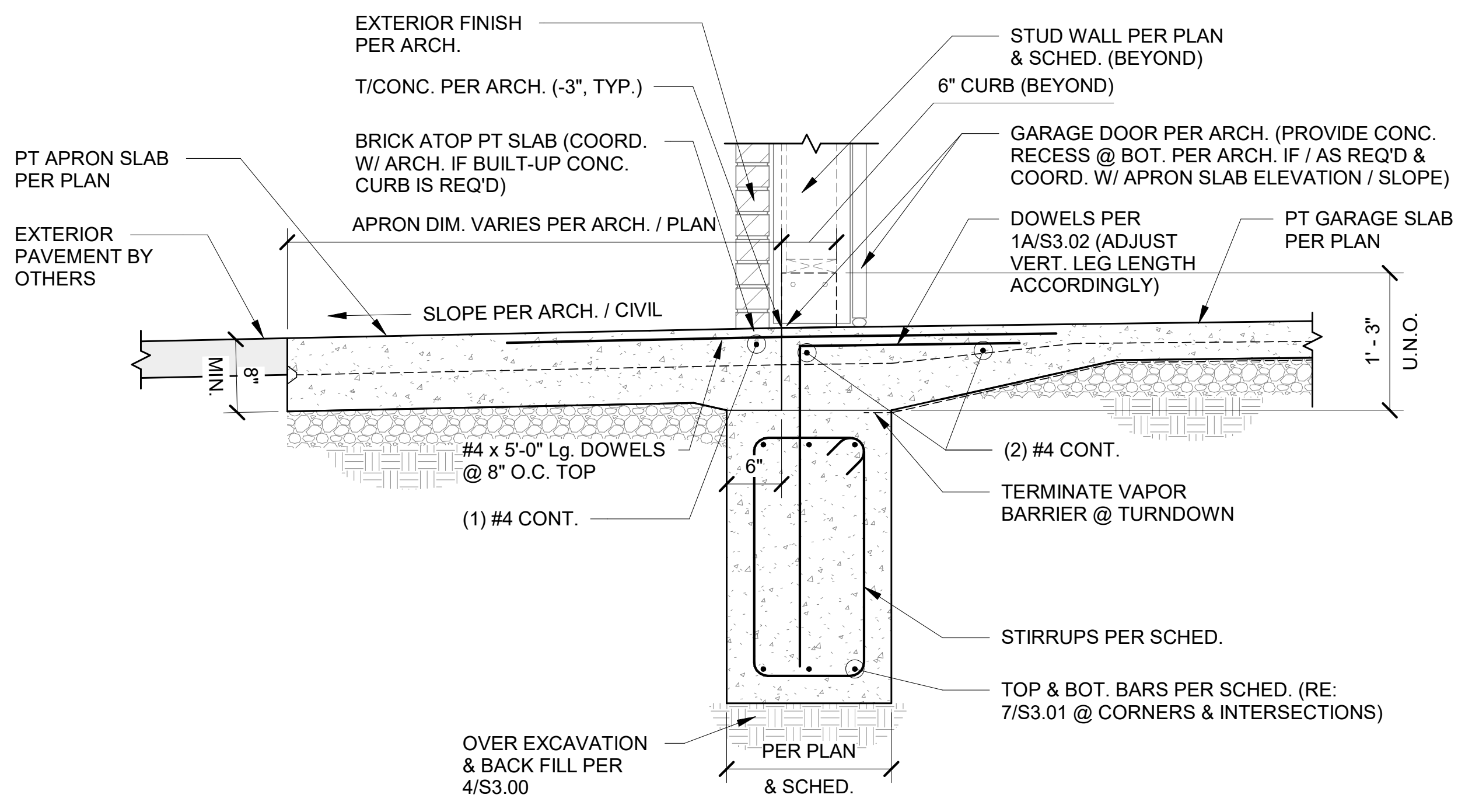

GUARDRAIL PER ARCH./SPECS
(2) #4 CONT. ((1) TOP & (1) BOT.)
#5 @ 12" O.C. TOP W/ HK. END. EXTEND INTO MAIN BLDG. SLAB TO EXTENTS SHOWN
#3 HAIRPIN BARS @ 24" O.C. (18" Lg. LEG)
SLOPE PER ARCH.
NOTE: RE: DETAIL 2/S3.02 FOR TYPICAL ADDT'L NOTES
PT SLAB PER PLAN
4' - 0"
DOWELS PER 1A/S3.02 @ 12" O.C.
#4 @ 24" O.C. BOT.
#4 @ 24" O.C. BOT.
DOWELS PER 1/S3.02 @ 12" O.C.
MATCH OUTER EXTERIOR WALL REINFORCING, TYP.
NOTE: WALL REINF. PER 2B/S3.03
NOTE: RE: DETAIL 2B/S3.03 FOR TYPICAL ADDT'L NOTES
2

1 SECTION
3/4" = 1'-0"


7/16" OSB SHEATHING OUTSIDE FACE W/ 8d NAILS @ 6" O.C. EDGE & 12" O.C. FIELD
EXTERIOR FINISH PER ARCH. (BRICK WAINSCOT WHERE OCCURS PER ARCH. @ SIM.)
(1) #4 NOSE BAR EA. SIDE @ WHERE CURB IS 3" OR TALLER (TYP.)
#3 DOWELS @ 16" O.C. W/ STD. ACI HK. @ BOT.
GRADE PER CIVIL
PROVIDE GB-1.5 TO EXTENTS SHOWN WHERE BRICK WAINSCOT OCCURS PER ARCH. @ SIM. RE: PLANS FOR LOCATIONS
EARTH FORM OUTSIDE FACE OF FOOTING
OVER EXCAVATION & BACK FILL PER 4/S3.00
ADDT'L DEPTH @ 1'-0"W GRBM. WHERE REQ'D PER CIVIL GRADING
2x6 STUDS @ 16" O.C. @ EXTERIOR WALLS
SHEATHING PER SCHED.
TREATED 2x6 CONT. W/ ANCHORS PER 3/S3.01
6" CURB
DOWELS PER 1A/S3.02 (ADJUST VERT. LEG LENGTH ACCORDINGLY)
PT SLAB PER PLAN (SLOPE PER ARCH.)
VARIES W/ SLOPE
4"
1' - 3"
U.N.O.
VARIES W/ SLOPE
(2) #4 CONT.
TERMINATE VAPOR BARRIER @ TURNDOWN
6"
3' - 0" MIN.
STIRRUPS PER SCHED.
TOP & BOT. BARS PER SCHED. (RE: 7/S3.01 @ CORNERS & INTERSECTIONS)
PER PLAN & SCHED.

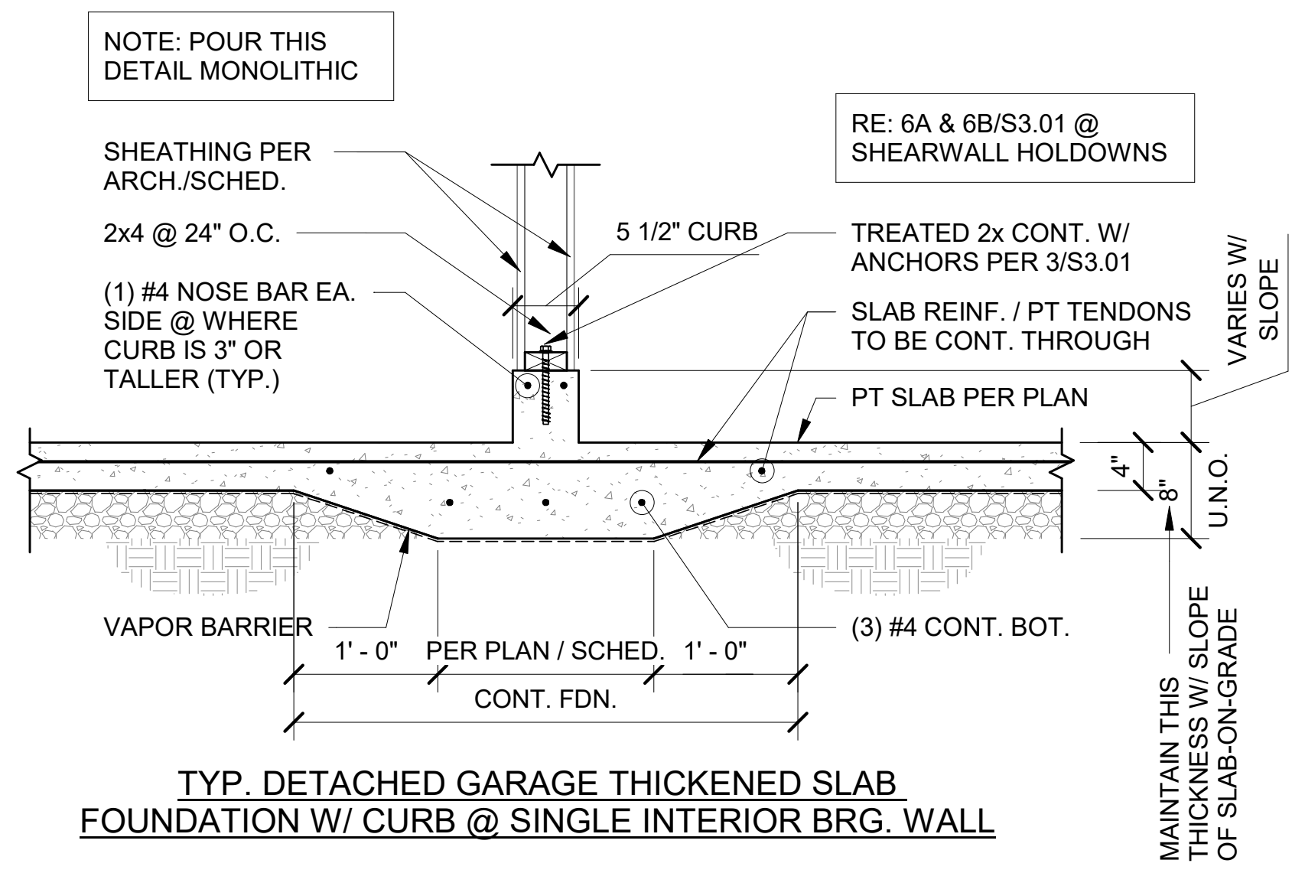
TYP. GRADE BEAM @ DETACHED GARAGE SIDE WALL

2 SECTION
3/4" = 1'-0"


EXTERIOR FINISH PER ARCH.
T/CONC. PER ARCH. (-3", TYP.)
BRICK ATOP PT SLAB (COORD. W/ ARCH. IF BUILT-UP CONC. CURB IS REQ'D)
APRON DIM. VARIES PER ARCH. / PLAN
PT APRON SLAB PER PLAN
EXTERIOR PAVEMENT BY OTHERS
SLOPE PER ARCH. / CIVIL
8" MIN.
#4 x 5'-0" Lg. DOWELS @ 8" O.C. TOP
(1) #4 CONT.
6"
OVER EXCAVATION & BACK FILL PER 4/S3.00
STUD WALL PER PLAN & SCHED. (BEYOND)
6" CURB (BEYOND)
GARAGE DOOR PER ARCH. (PROVIDE CONC. RECESS @ BOT. PER ARCH. IF / AS REQ'D & COORD. W/ APRON SLAB ELEVATION / SLOPE)
DOWELS PER 1A/S3.02 (ADJUST VERT. LEG LENGTH ACCORDINGLY)
PT GARAGE SLAB PER PLAN
1' - 3"
U.N.O.
(2) #4 CONT.
TERMINATE VAPOR BARRIER @ TURNDOWN
STIRRUPS PER SCHED.
TOP & BOT. BARS PER SCHED. (RE: 7/S3.01 @ CORNERS & INTERSECTIONS)
PER PLAN & SCHED.

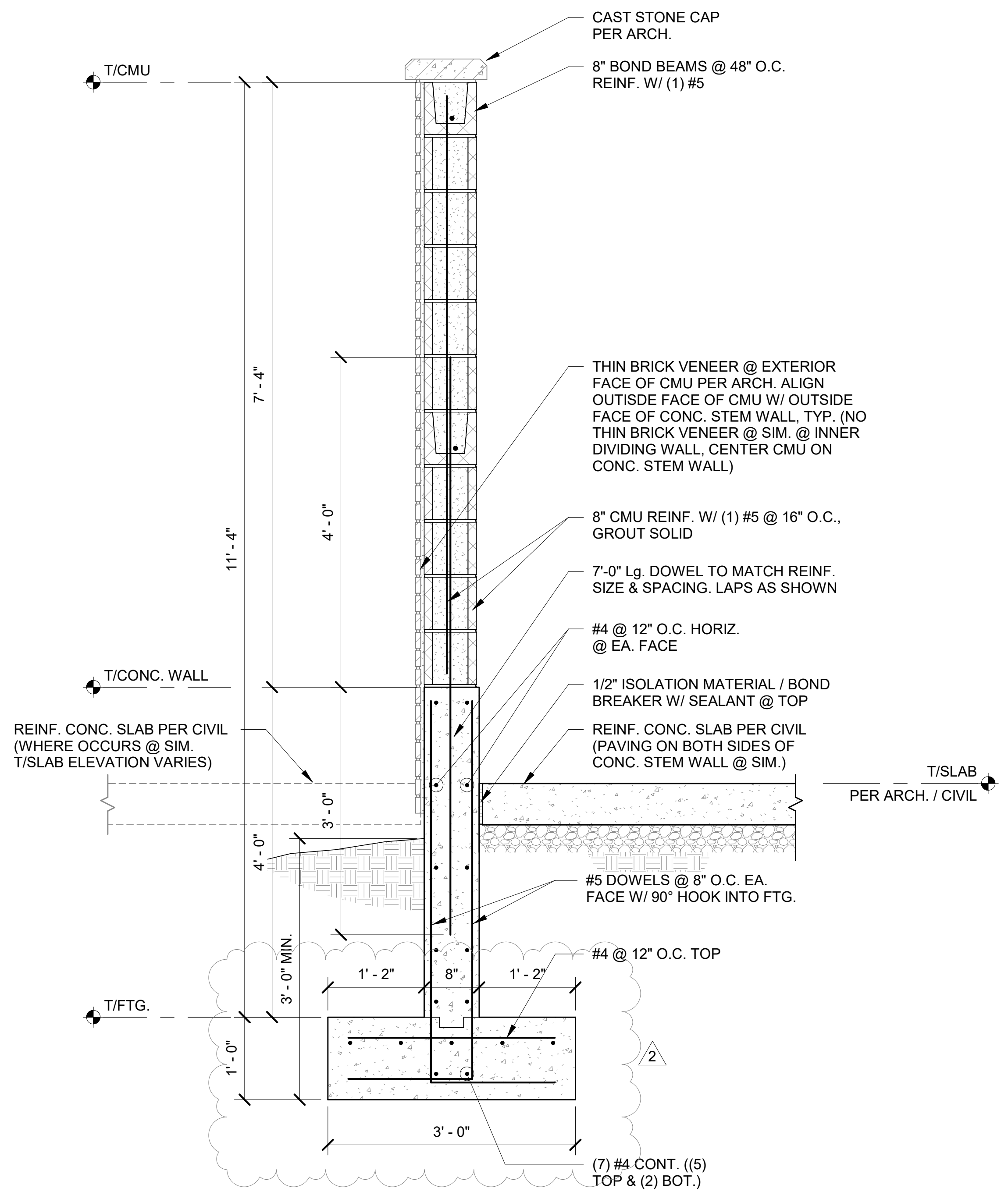
TYP. DETACHED GARAGE APRON SLAB

3 SECTION
3/4" = 1'-0"


NOTE: POUR THIS DETAIL MONOLITHIC
SHEATHING PER ARCH./SCHED.
2x4 @ 24" O.C.
(1) #4 NOSE BAR EA. SIDE @ WHERE CURB IS 3" OR TALLER (TYP.)
5 1/2" CURB
RE: 6A & 6B/S3.01 @ SHEARWALL HOLDOWNS
TREATED 2x CONT. W/ ANCHORS PER 3/S3.01
SLAB REINF. / PT TENDONS TO BE CONT. THROUGH
PT SLAB PER PLAN
VARIES W/ SLOPE
4"
8"
U.N.O.
VAPOR BARRIER
1' - 0"
PER PLAN / SCHED.
1' - 0"
CONT. FDN.
(3) #4 CONT. BOT.
MAINTAIN THIS THICKNESS W/ SLOPE OF SLAB-ON-GRADE

TYP. DETACHED GARAGE THICKENED SLAB FOUNDATION W/ CURB @ SINGLE INTERIOR BRG. WALL

4 SECTION
3/4" = 1'-0"


T/CMU
CAST STONE CAP PER ARCH.
8" BOND BEAMS @ 48" O.C. REINF. W/ (1) #5
7' - 4"
11' - 4"
4' - 0"
THIN BRICK VENEER @ EXTERIOR FACE OF CMU PER ARCH. ALIGN OUTISDE FACE OF CMU W/ OUTSIDE FACE OF CONC. STEM WALL, TYP. (NO THIN BRICK VENEER @ SIM. @ INNER DIVIDING WALL, CENTER CMU ON CONC. STEM WALL)
8" CMU REINF. W/ (1) #5 @ 16" O.C., GROUT SOLID
7'-0" Lg. DOWEL TO MATCH REINF. SIZE & SPACING. LAPS AS SHOWN
#4 @ 12" O.C. HORIZ. @ EA. FACE
T/CONC. WALL
1/2" ISOLATION MATERIAL / BOND BREAKER W/ SEALANT @ TOP
REINF. CONC. SLAB PER CIVIL (WHERE OCCURS @ SIM. T/SLAB ELEVATION VARIES)
REINF. CONC. SLAB PER CIVIL (PAVING ON BOTH SIDES OF CONC. STEM WALL @ SIM.)
T/SLAB PER ARCH. / CIVIL
3' - 0"
4' - 0"
#5 DOWELS @ 8" O.C. EA. FACE W/ 90° HOOK INTO FTG.
3' - 0" MIN.
1' - 2"
8"
1' - 2"
#4 @ 12" O.C. TOP
T/FTG.
1' - 0"
2
3' - 0"
(7) #4 CONT. ((5) TOP & (2) BOT.)

TYP. TRASH ENCLOSURE SECTION

5 SECTION
3/4" = 1'-0"

ARCHITECTURE
LANDSCAPE
ARCHITECTURE
ENERGY SERVICES

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STATE OF MISSOURI
JOHN A. KRUDWIG
NUMBER PE-2005000022
PROFESSIONAL ENGINEER
NOT FOR CONSTRUCTION
04.28.23

KRUDWIG
STRUCTURAL ENGINEERS INC
11200 Corporate Ave., Suite 110 Lenexa, Kansas 66219

A NEW RESIDENTIAL COMMUNITY AT::
TRILOGY
NW WARD RD. | LEE'S SUMMIT, MO

DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

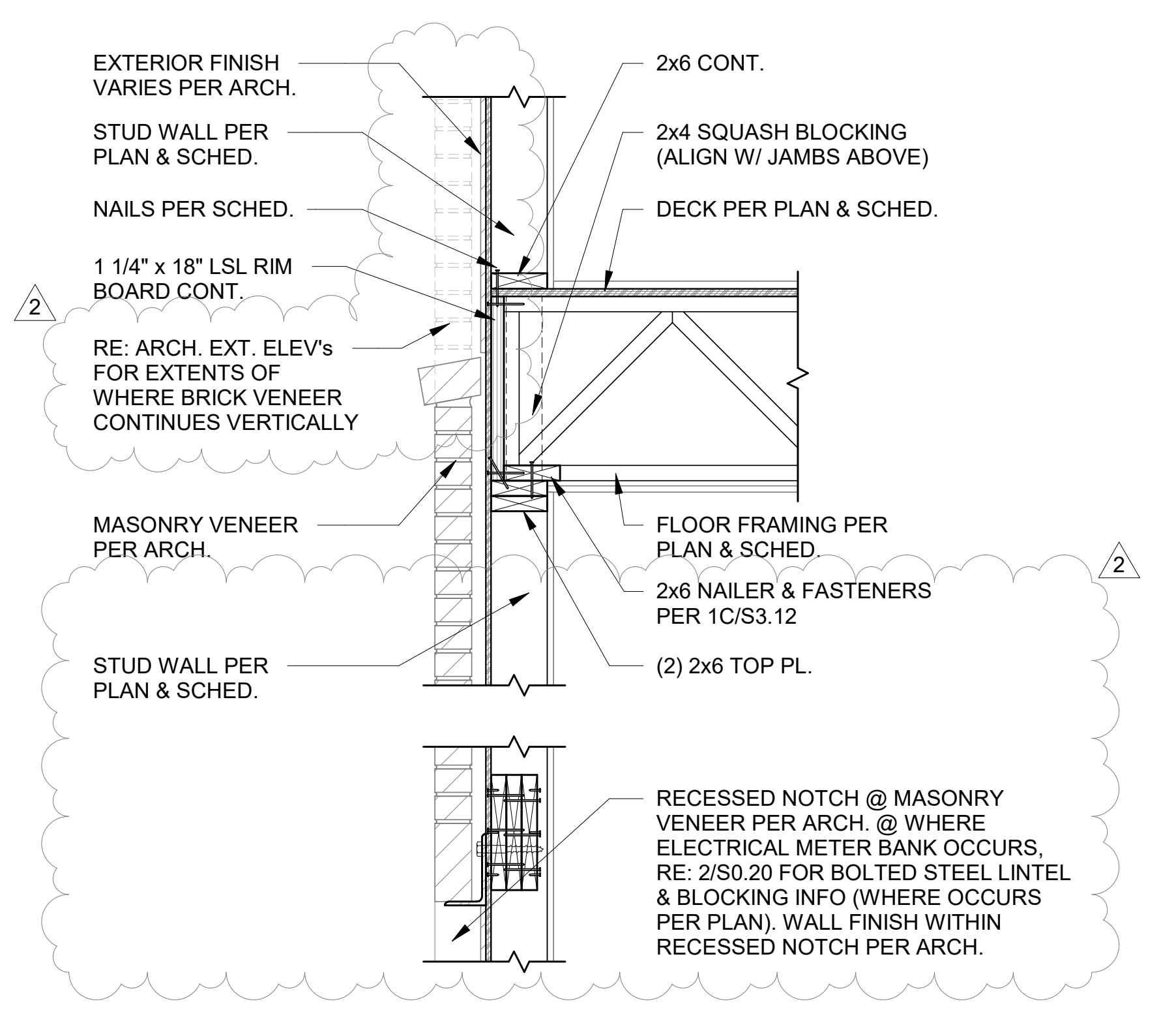
△REVISIONS

1	23 0411	CITY COMMENTS
2	23 0428	ADD 1 / CC 2

JOB NO. DATE
PN1129 **03/15/23**
DRAWN BY
Author
4.11.2023
CITY COMMENTS
SHEET NAME
FOUNDATION DETAILS

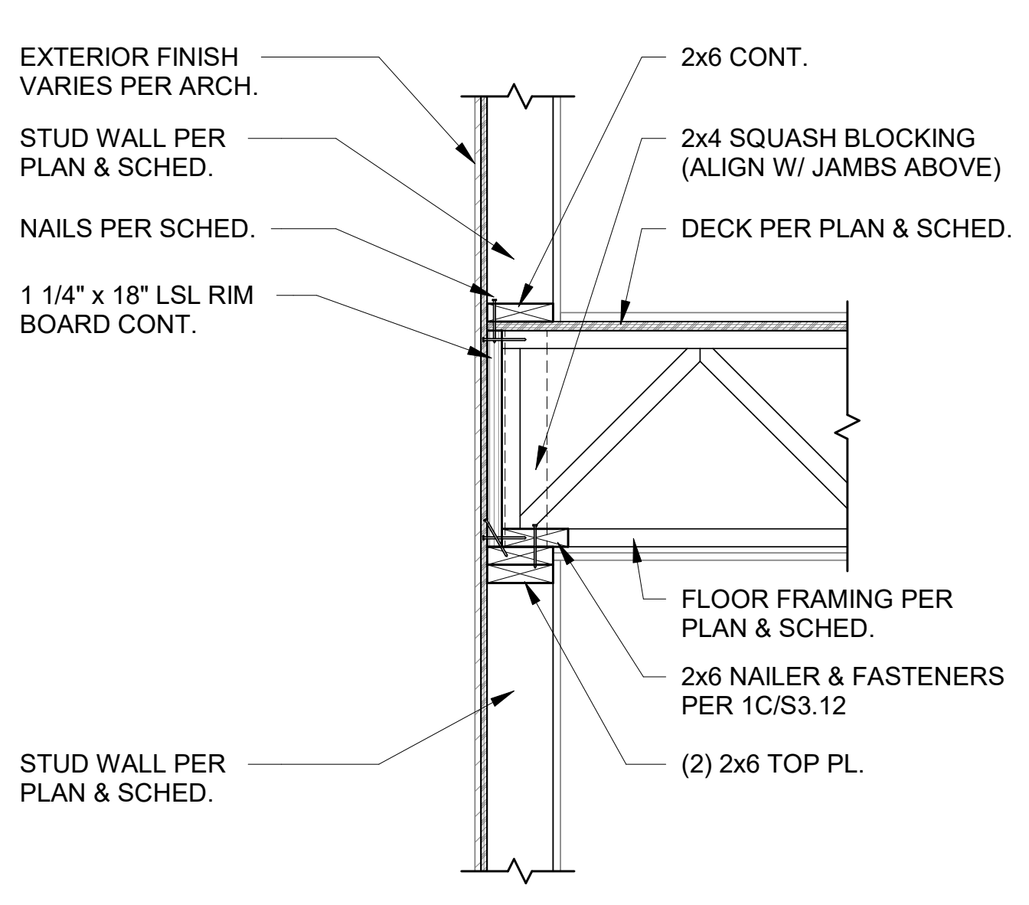
SHEET NO.
S3.04

4/28/2023 7:21:07 PM


EXTERIOR FINISH VARIES PER ARCH.
STUD WALL PER PLAN & SCHED.
NAILS PER SCHED.
1 1/4" x 18" LSL RIM BOARD CONT.
RE: ARCH. EXT. ELEV's FOR EXTENTS OF WHERE BRICK VENEER CONTINUES VERTICALLY
MASONRY VENEER PER ARCH.
STUD WALL PER PLAN & SCHED.
2x6 CONT.
2x4 SQUASH BLOCKING (ALIGN W/ JAMBS ABOVE)
DECK PER PLAN & SCHED.
FLOOR FRAMING PER PLAN & SCHED.
2x6 NAILER & FASTENERS PER 1C/S3.12
(2) 2x6 TOP PL.
RECESSED NOTCH @ MASONRY VENEER PER ARCH. @ WHERE ELECTRICAL METER BANK OCCURS, RE: 2/S0.20 FOR BOLTED STEEL LINTEL & BLOCKING INFO (WHERE OCCURS PER PLAN). WALL FINISH WITHIN RECESSED NOTCH PER ARCH.
2
2

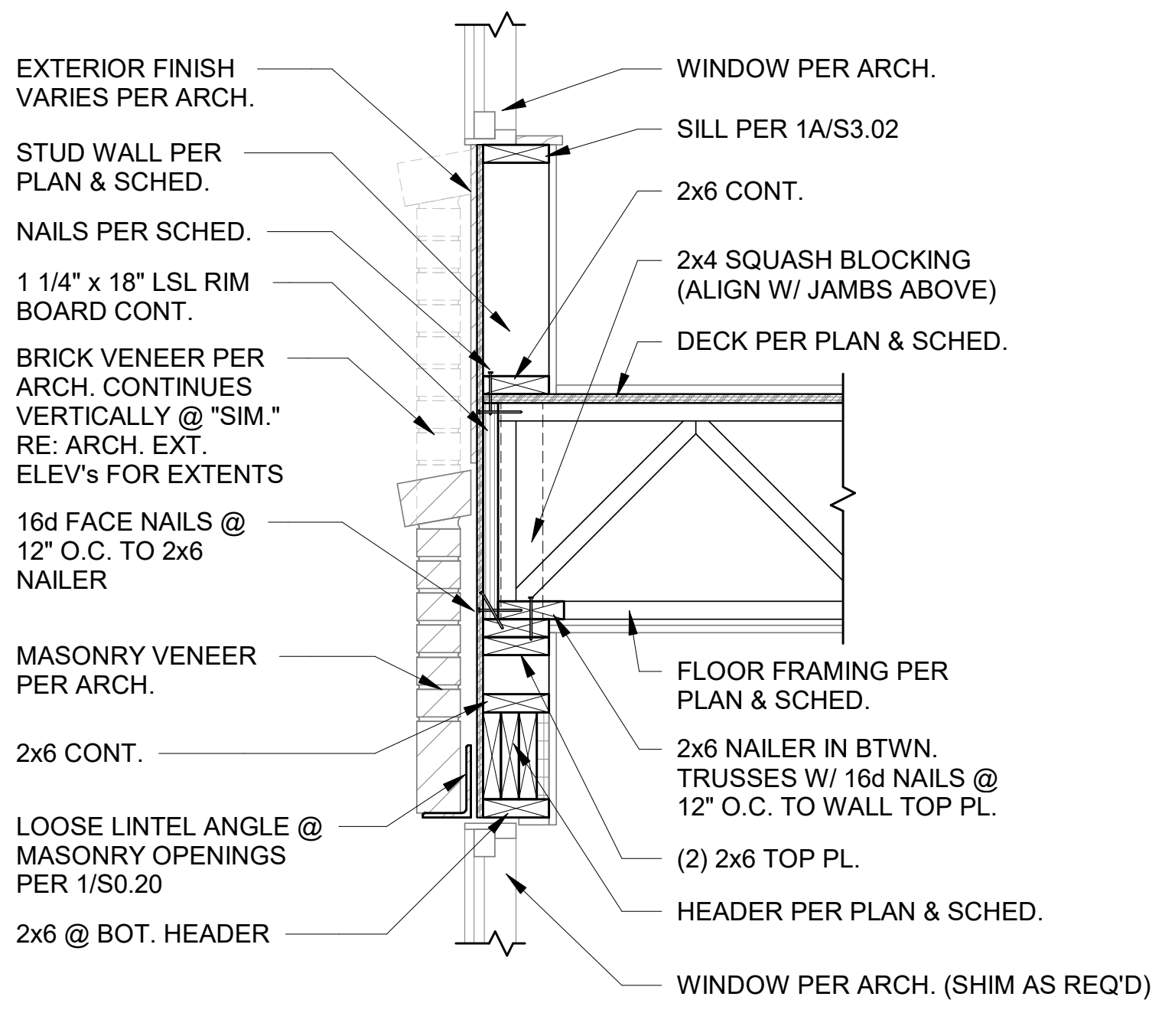
TYPICAL EXTERIOR WALL W/ PERPENDICULAR TRUSS FRAMING @ MASONRY

1A SECTION
3/4" = 1'-0"


EXTERIOR FINISH VARIES PER ARCH.
STUD WALL PER PLAN & SCHED.
NAILS PER SCHED.
1 1/4" x 18" LSL RIM BOARD CONT.
STUD WALL PER PLAN & SCHED.
2x6 CONT.
2x4 SQUASH BLOCKING (ALIGN W/ JAMBS ABOVE)
DECK PER PLAN & SCHED.
FLOOR FRAMING PER PLAN & SCHED.
2x6 NAILER & FASTENERS PER 1C/S3.12
(2) 2x6 TOP PL.

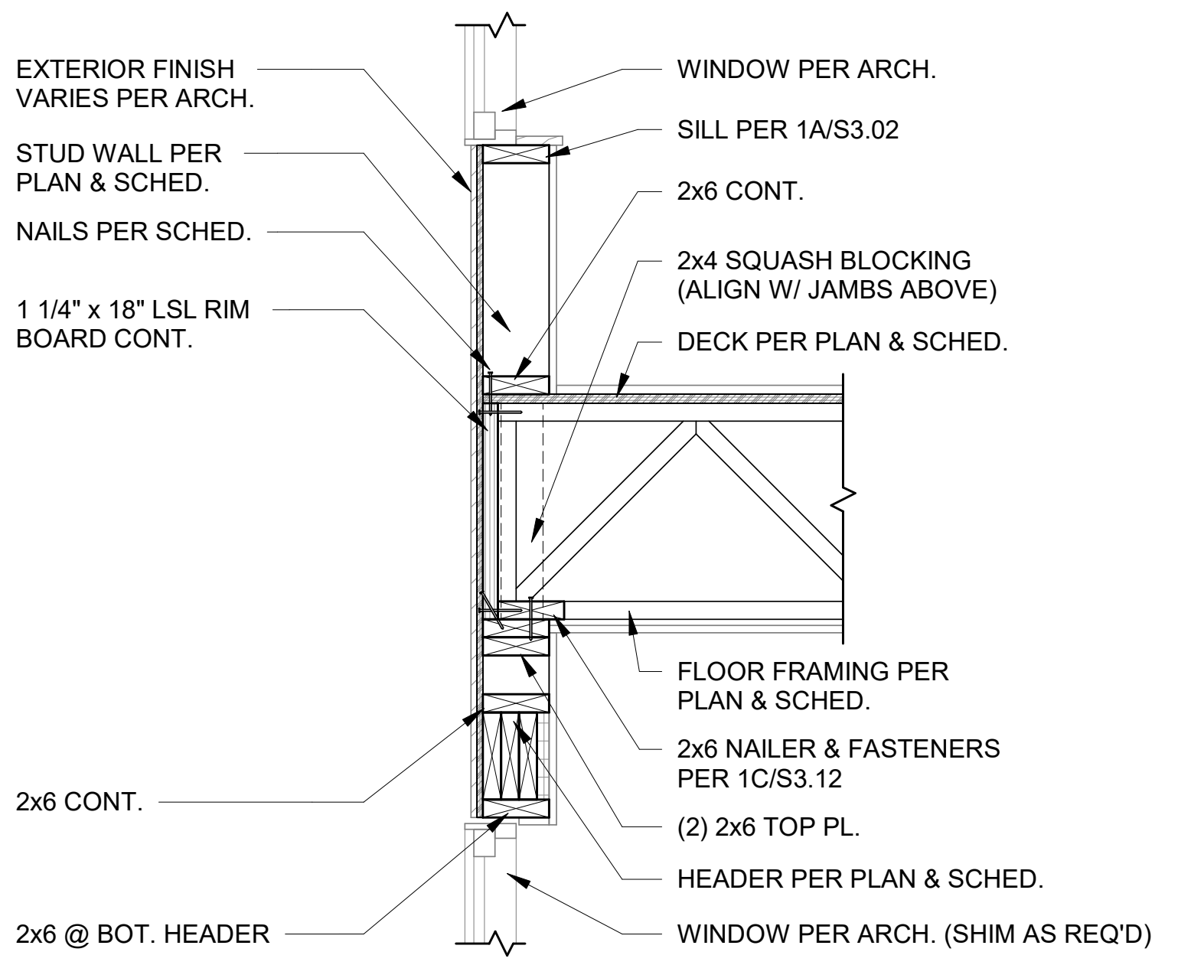
TYPICAL EXTERIOR WALL W/ PERPENDICULAR TRUSS FRAMING @ SIDING/STUCCO

1B SECTION
3/4" = 1'-0"


EXTERIOR FINISH VARIES PER ARCH.
STUD WALL PER PLAN & SCHED.
NAILS PER SCHED.
1 1/4" x 18" LSL RIM BOARD CONT.
BRICK VENEER PER ARCH. CONTINUES VERTICALLY @ "SIM." RE: ARCH. EXT. ELEV's FOR EXTENTS
16d FACE NAILS @ 12" O.C. TO 2x6 NAILER
MASONRY VENEER PER ARCH.
2x6 CONT.
LOOSE LINTEL ANGLE @ MASONRY OPENINGS PER 1/S0.20
2x6 @ BOT. HEADER
WINDOW PER ARCH.
SILL PER 1A/S3.02
2x6 CONT.
2x4 SQUASH BLOCKING (ALIGN W/ JAMBS ABOVE)
DECK PER PLAN & SCHED.
FLOOR FRAMING PER PLAN & SCHED.
2x6 NAILER IN BTWN. TRUSSES W/ 16d NAILS @ 12" O.C. TO WALL TOP PL.
(2) 2x6 TOP PL.
HEADER PER PLAN & SCHED.
WINDOW PER ARCH. (SHIM AS REQ'D)

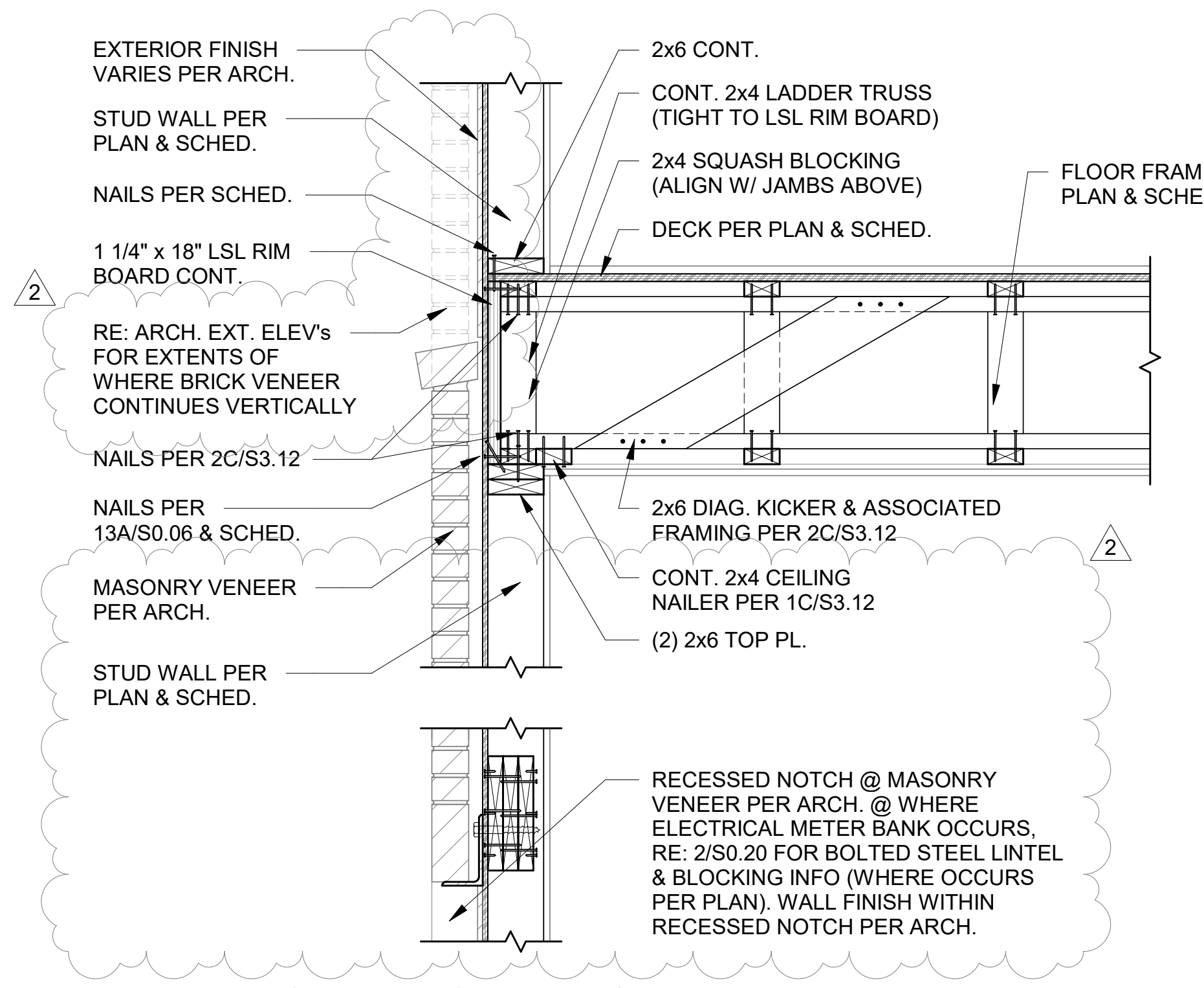
TYPICAL EXTERIOR WALL @ WINDOWS W/ PERPENDICULAR TRUSS FRAMING @ MASONRY

1C SECTION
3/4" = 1'-0"


EXTERIOR FINISH VARIES PER ARCH.
STUD WALL PER PLAN & SCHED.
NAILS PER SCHED.
1 1/4" x 18" LSL RIM BOARD CONT.
2x6 CONT.
2x6 @ BOT. HEADER
WINDOW PER ARCH.
SILL PER 1A/S3.02
2x6 CONT.
2x4 SQUASH BLOCKING (ALIGN W/ JAMBS ABOVE)
DECK PER PLAN & SCHED.
FLOOR FRAMING PER PLAN & SCHED.
2x6 NAILER & FASTENERS PER 1C/S3.12
(2) 2x6 TOP PL.
HEADER PER PLAN & SCHED.
WINDOW PER ARCH. (SHIM AS REQ'D)

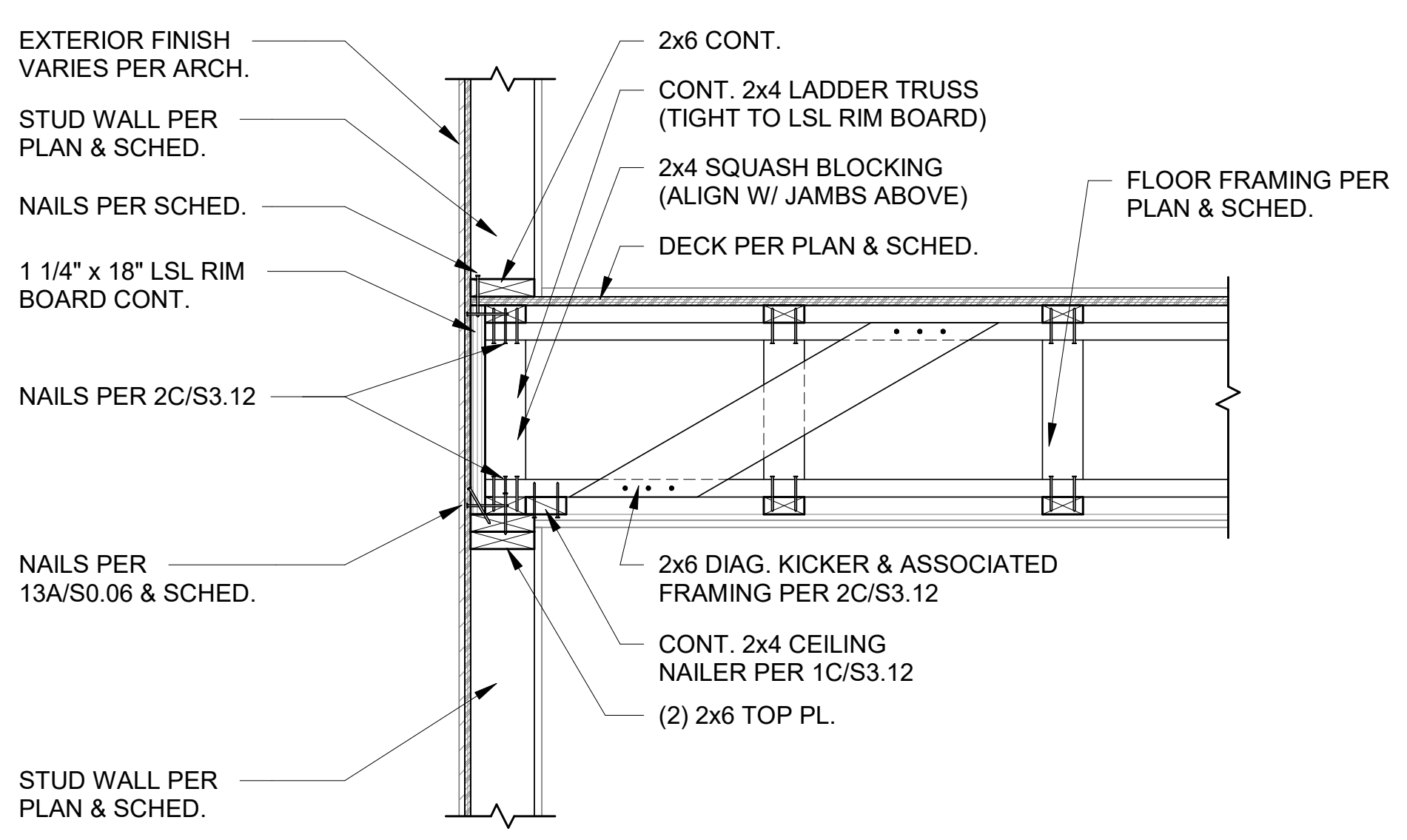
TYPICAL EXTERIOR WALL @ WINDOWS W/ PERPENDICULAR TRUSS FRAMING @ SIDING/STUCCO

1D SECTION
3/4" = 1'-0"


EXTERIOR FINISH VARIES PER ARCH.
STUD WALL PER PLAN & SCHED.
NAILS PER SCHED.
1 1/4" x 18" LSL RIM BOARD CONT.
RE: ARCH. EXT. ELEV's FOR EXTENTS OF WHERE BRICK VENEER CONTINUES VERTICALLY
NAILS PER 2C/S3.12
NAILS PER 13A/S0.06 & SCHED.
MASONRY VENEER PER ARCH.
STUD WALL PER PLAN & SCHED.
2x6 CONT.
CONT. 2x4 LADDER TRUSS (TIGHT TO LSL RIM BOARD)
2x4 SQUASH BLOCKING (ALIGN W/ JAMBS ABOVE)
DECK PER PLAN & SCHED.
FLOOR FRAMING PER PLAN & SCHED.
2x6 DIAG. KICKER & ASSOCIATED FRAMING PER 2C/S3.12
CONT. 2x4 CEILING NAILER PER 2C/S3.12
(2) 2x6 TOP PL.
RECESSED NOTCH @ MASONRY VENEER PER ARCH. @ WHERE ELECTRICAL METER BANK OCCURS, RE: 2/S0.20 FOR BOLTED STEEL LINTEL & BLOCKING INFO (WHERE OCCURS PER PLAN). WALL FINISH WITHIN RECESSED NOTCH PER ARCH.
2
2

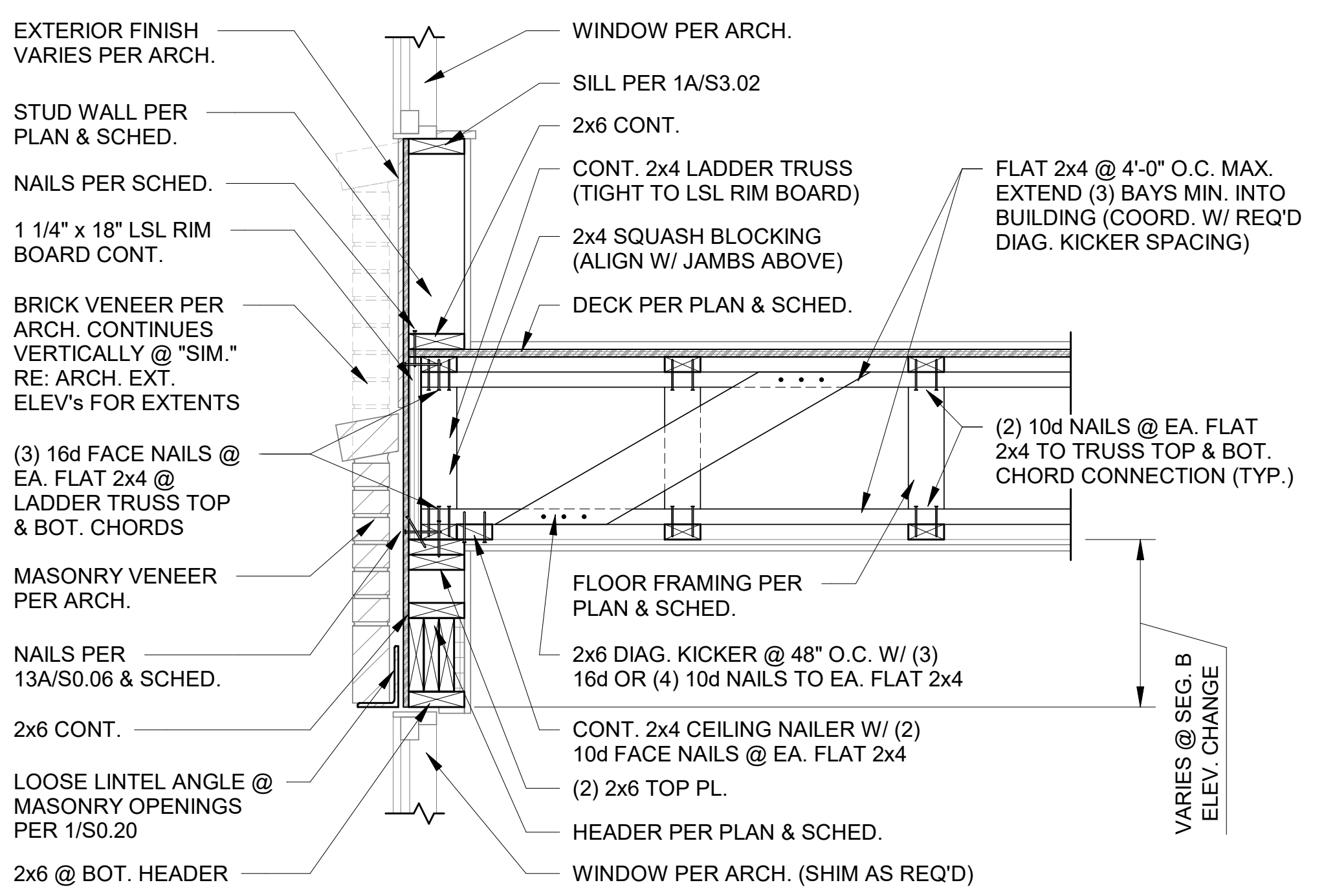
TYPICAL EXTERIOR WALL W/ PARALLEL TRUSS FRAMING @ MASONRY

2A SECTION
3/4" = 1'-0"


EXTERIOR FINISH VARIES PER ARCH.
STUD WALL PER PLAN & SCHED.
NAILS PER SCHED.
1 1/4" x 18" LSL RIM BOARD CONT.
NAILS PER 2C/S3.12
NAILS PER 13A/S0.06 & SCHED.
STUD WALL PER PLAN & SCHED.
2x6 CONT.
CONT. 2x4 LADDER TRUSS (TIGHT TO LSL RIM BOARD)
2x4 SQUASH BLOCKING (ALIGN W/ JAMBS ABOVE)
DECK PER PLAN & SCHED.
FLOOR FRAMING PER PLAN & SCHED.
2x6 DIAG. KICKER & ASSOCIATED FRAMING PER 2C/S3.12
CONT. 2x4 CEILING NAILER PER 1C/S3.12
(2) 2x6 TOP PL.

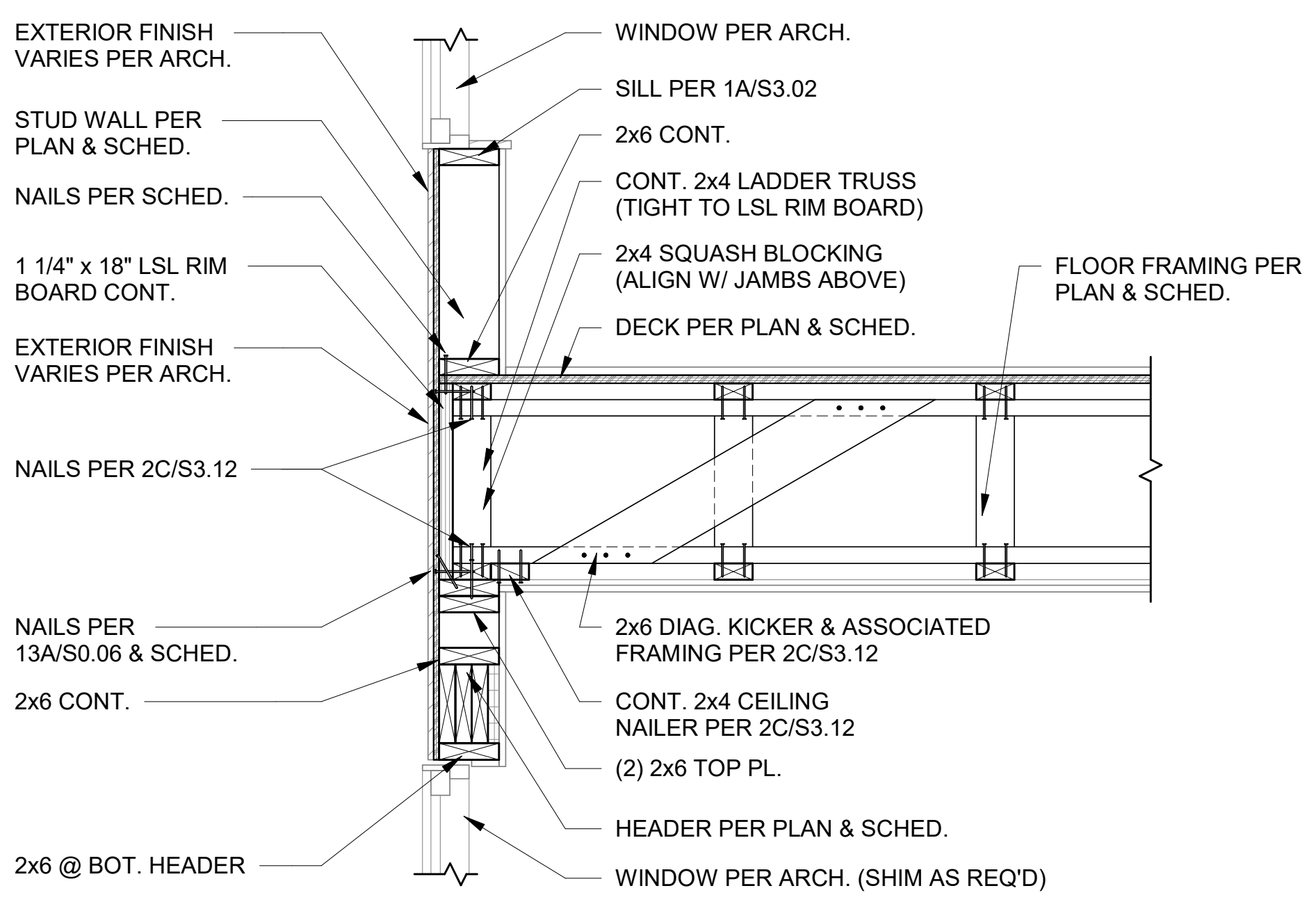
TYPICAL EXTERIOR WALL W/ PARALLEL TRUSS FRAMING @ SIDING/STUCCO

2B SECTION
3/4" = 1'-0"


EXTERIOR FINISH VARIES PER ARCH.
STUD WALL PER PLAN & SCHED.
NAILS PER SCHED.
1 1/4" x 18" LSL RIM BOARD CONT.
BRICK VENEER PER ARCH. CONTINUES VERTICALLY @ "SIM." RE: ARCH. EXT. ELEV's FOR EXTENTS
(3) 16d FACE NAILS @ EA. FLAT 2x4 @ LADDER TRUSS TOP & BOT. CHORDS
MASONRY VENEER PER ARCH.
NAILS PER 13A/S0.06 & SCHED.
2x6 CONT.
LOOSE LINTEL ANGLE @ MASONRY OPENINGS PER 1/S0.20
2x6 @ BOT. HEADER
WINDOW PER ARCH.
SILL PER 1A/S3.02
2x6 CONT.
CONT. 2x4 LADDER TRUSS (TIGHT TO LSL RIM BOARD)
2x4 SQUASH BLOCKING (ALIGN W/ JAMBS ABOVE)
DECK PER PLAN & SCHED.
FLAT 2x4 @ 4'-0" O.C. MAX. EXTEND (3) BAYS MIN. INTO BUILDING (COORD. W/ REQ'D DIAG. KICKER SPACING)
(2) 10d NAILS @ EA. FLAT 2x4 TO TRUSS TOP & BOT. CHORD CONNECTION (TYP.)
FLOOR FRAMING PER PLAN & SCHED.
2x6 DIAG. KICKER @ 48" O.C. W/ (3) 16d OR (4) 10d NAILS TO EA. FLAT 2x4
CONT. 2x4 CEILING NAILER W/ (2) 10d FACE NAILS @ EA. FLAT 2x4
(2) 2x6 TOP PL.
HEADER PER PLAN & SCHED.
WINDOW PER ARCH. (SHIM AS REQ'D)
VARIES @ SEG. B ELEV. CHANGE

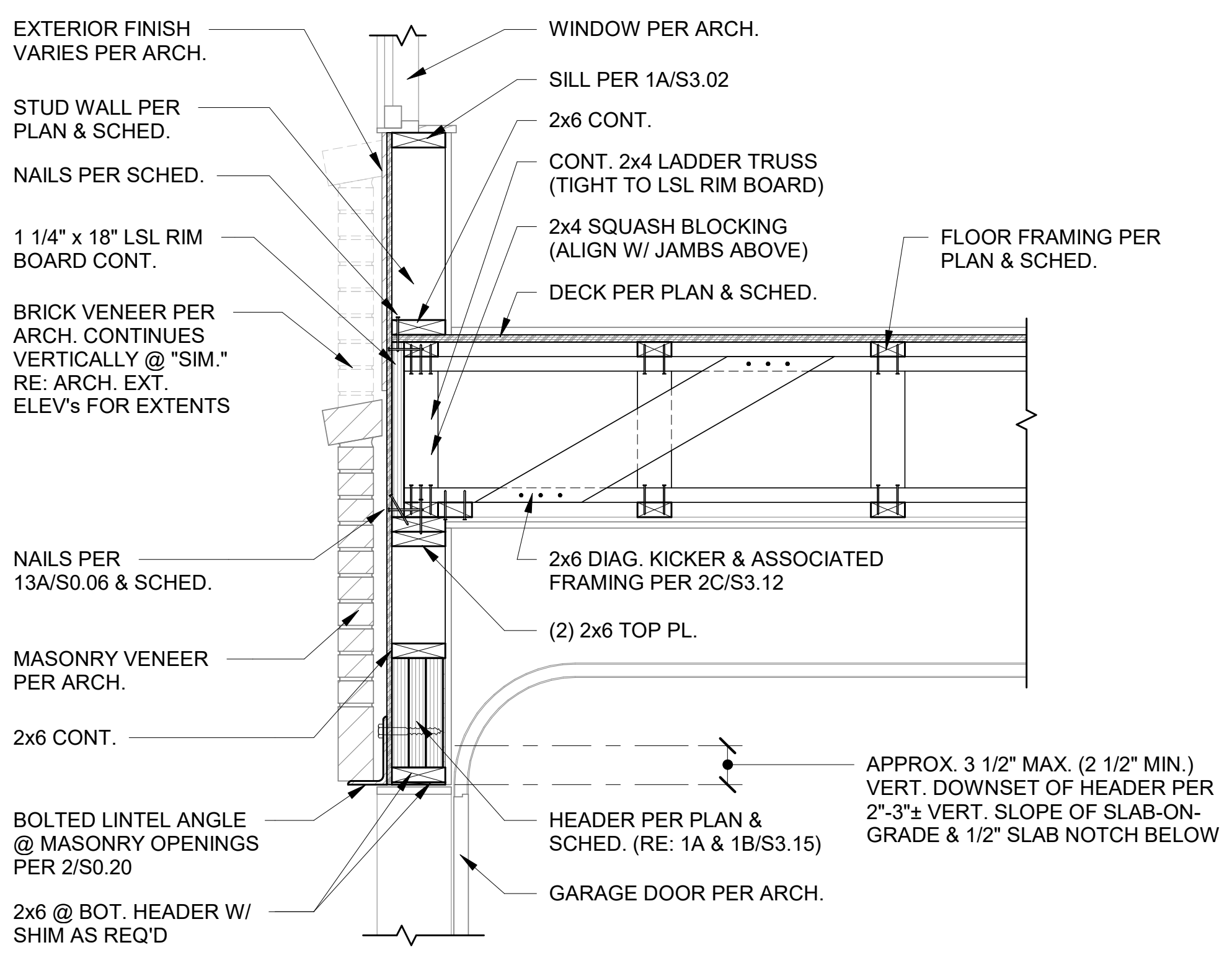
TYPICAL EXTERIOR WALL @ WINDOWS W/ PARALLEL TRUSS FRAMING @ MASONRY

2C SECTION
3/4" = 1'-0"


EXTERIOR FINISH VARIES PER ARCH.
STUD WALL PER PLAN & SCHED.
NAILS PER SCHED.
1 1/4" x 18" LSL RIM BOARD CONT.
EXTERIOR FINISH VARIES PER ARCH.
NAILS PER 2C/S3.12
NAILS PER 13A/S0.06 & SCHED.
2x6 CONT.
2x6 @ BOT. HEADER
WINDOW PER ARCH.
SILL PER 1A/S3.02
2x6 CONT.
CONT. 2x4 LADDER TRUSS (TIGHT TO LSL RIM BOARD)
2x4 SQUASH BLOCKING (ALIGN W/ JAMBS ABOVE)
DECK PER PLAN & SCHED.
FLOOR FRAMING PER PLAN & SCHED.
2x6 DIAG. KICKER & ASSOCIATED FRAMING PER 2C/S3.12
CONT. 2x4 CEILING NAILER PER 2C/S3.12
(2) 2x6 TOP PL.
HEADER PER PLAN & SCHED.
WINDOW PER ARCH. (SHIM AS REQ'D)

TYPICAL EXTERIOR WALL @ WINDOWS W/ PARALLEL TRUSS FRAMING @ SIDING/STUCCO

2D SECTION
3/4" = 1'-0"


EXTERIOR FINISH VARIES PER ARCH.
STUD WALL PER PLAN & SCHED.
NAILS PER SCHED.
1 1/4" x 18" LSL RIM BOARD CONT.
BRICK VENEER PER ARCH. CONTINUES VERTICALLY @ "SIM." RE: ARCH. EXT. ELEV's FOR EXTENTS
NAILS PER 13A/S0.06 & SCHED.
MASONRY VENEER PER ARCH.
2x6 CONT.
BOLTED LINTEL ANGLE @ MASONRY OPENINGS PER 2/S0.20
2x6 @ BOT. HEADER W/ SHIM AS REQ'D
WINDOW PER ARCH.
SILL PER 1A/S3.02
2x6 CONT.
CONT. 2x4 LADDER TRUSS (TIGHT TO LSL RIM BOARD)
2x4 SQUASH BLOCKING (ALIGN W/ JAMBS ABOVE)
DECK PER PLAN & SCHED.
FLOOR FRAMING PER PLAN & SCHED.
2x6 DIAG. KICKER & ASSOCIATED FRAMING PER 2C/S3.12
(2) 2x6 TOP PL.
HEADER PER PLAN & SCHED. (RE: 1A & 1B/S3.15)
GARAGE DOOR PER ARCH.
APPROX. 3 1/2" MAX. (2 1/2" MIN.) VERT. DOWNSET OF HEADER PER 2"-3"± VERT. SLOPE OF SLAB-ON-GRADE & 1/2" SLAB NOTCH BELOW

TYPICAL EXTERIOR WALL @ GARAGE DOOR W/ PARALLEL TRUSS FRAMING @ MASONRY

3A SECTION
3/4" = 1'-0"

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NSPJARCH.COM

JOHN A. KRUDWIG
NUMBER PE-2005000022
John A. Krudwig
04.28.23

KRUDWIG STRUCTURAL ENGINEERS INC
11200 Corporate Ave., Suite 110 Lenexa, Kansas 66219

A NEW RESIDENTIAL COMMUNITY AT::
TRILOGY
NW WARD RD. | LEE'S SUMMIT, MO

DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

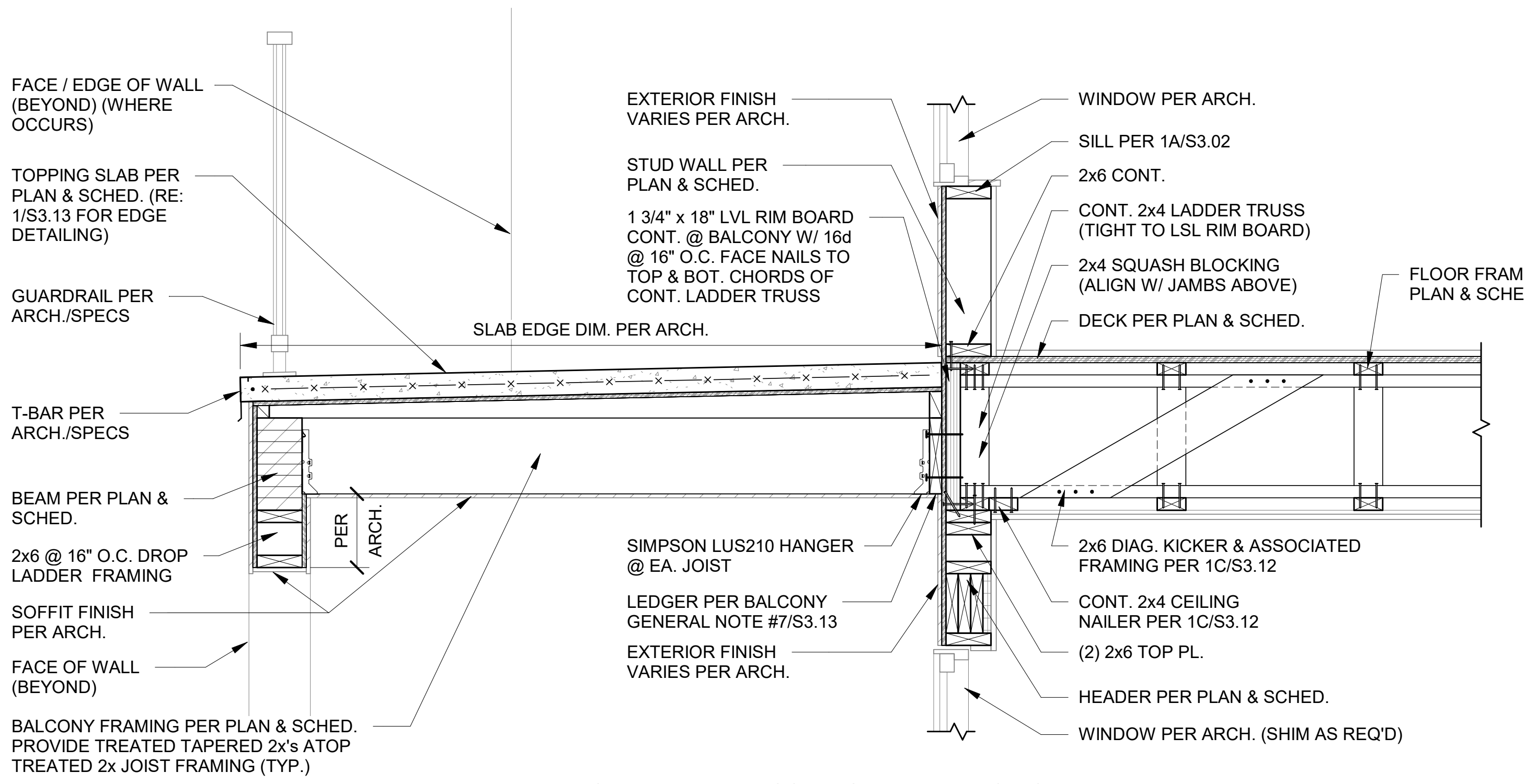
REVISIONS

1	23 0411	CITY COMMENTS
2	23 0428	ADD 1 / CC 2

JOB NO. PN1129
DATE 03/15/23
DRAWN BY KSE
4.11.2023
CITY COMMENTS
SHEET NAME
FLOOR FRAMING DETAILS

SHEET NO.
S3.12

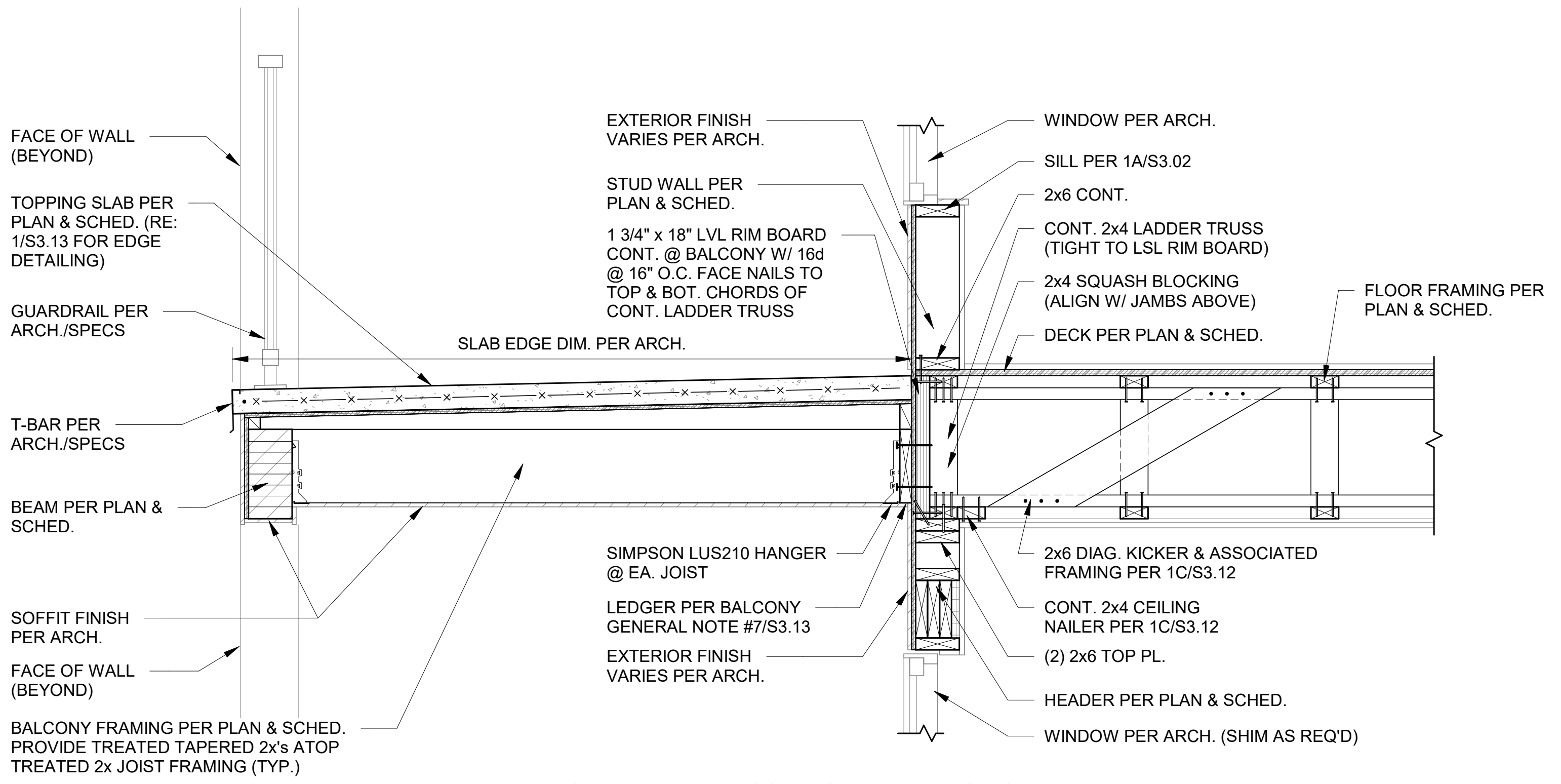
ARCH E1 30" x 42"



FACE / EDGE OF WALL (BEYOND) (WHERE OCCURS)
TOPPING SLAB PER PLAN & SCHED. (RE: 1/S3.13 FOR EDGE DETAILING)
GUARDRAIL PER ARCH./SPECS
SLAB EDGE DIM. PER ARCH.
T-BAR PER ARCH./SPECS
BEAM PER PLAN & SCHED.
2x6 @ 16" O.C. DROP LADDER FRAMING
PER ARCH.
SOFFIT FINISH PER ARCH.
FACE OF WALL (BEYOND)
BALCONY FRAMING PER PLAN & SCHED. PROVIDE TREATED TAPERED 2x's ATOP TREATED 2x JOIST FRAMING (TYP.)
EXTERIOR FINISH VARIES PER ARCH.
STUD WALL PER PLAN & SCHED.
1 3/4" x 18" LVL RIM BOARD CONT. @ BALCONY W/ 16d @ 16" O.C. FACE NAILS TO TOP & BOT. CHORDS OF CONT. LADDER TRUSS
SIMPSON LUS210 HANGER @ EA. JOIST
LEDGER PER BALCONY GENERAL NOTE #7/S3.13
EXTERIOR FINISH VARIES PER ARCH.
WINDOW PER ARCH.
SILL PER 1A/S3.02
2x6 CONT.
CONT. 2x4 LADDER TRUSS (TIGHT TO LSL RIM BOARD)
2x4 SQUASH BLOCKING (ALIGN W/ JAMBS ABOVE)
DECK PER PLAN & SCHED.
FLOOR FRAMING PER PLAN & SCHED.
2x6 DIAG. KICKER & ASSOCIATED FRAMING PER 1C/S3.12
CONT. 2x4 CEILING NAILER PER 1C/S3.12
(2) 2x6 TOP PL.
HEADER PER PLAN & SCHED.
WINDOW PER ARCH. (SHIM AS REQ'D)

TYPICAL UPPER BALCONY @ FRAMED BOX-OUT

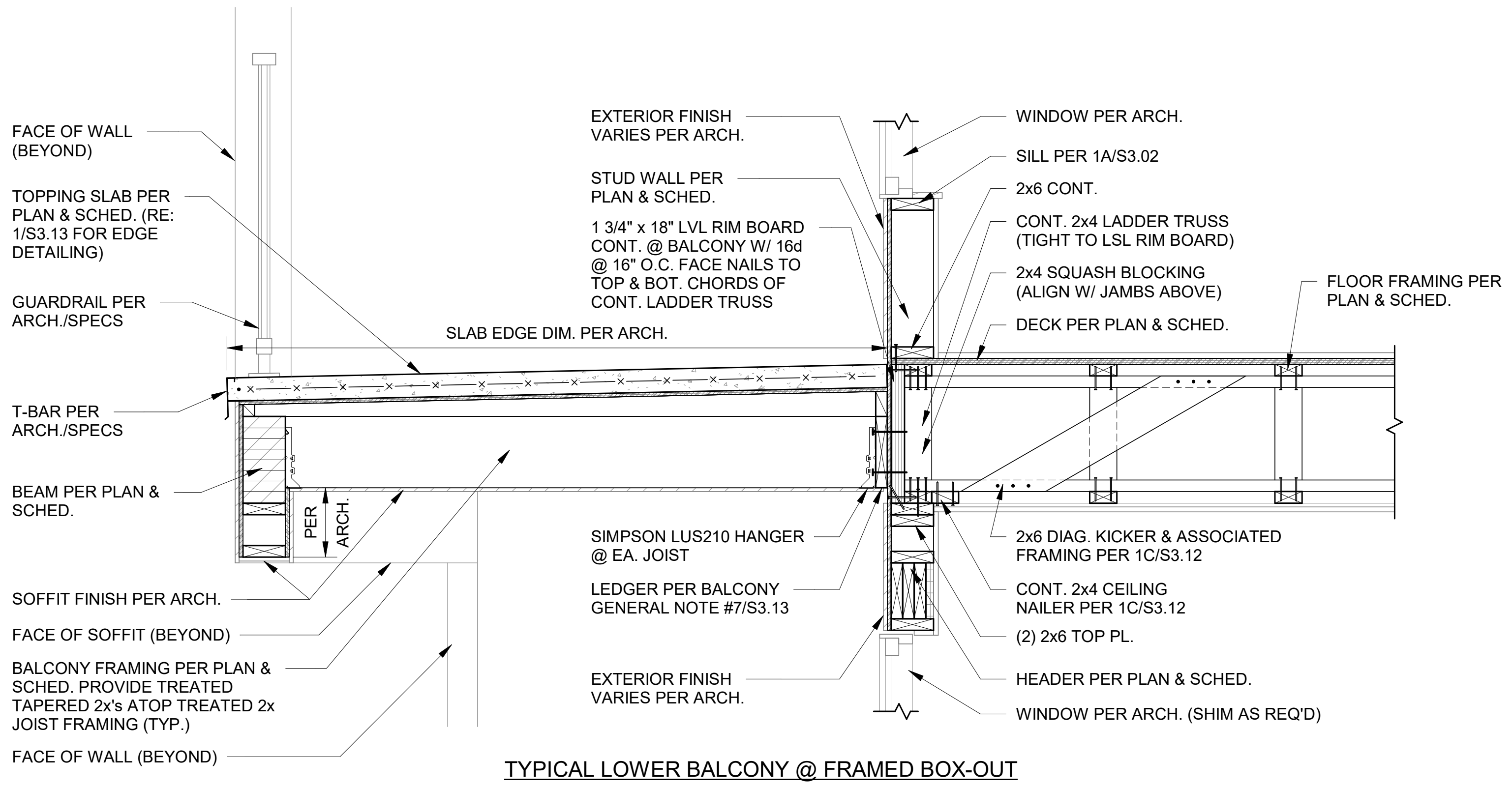
1 SECTION
3/4" = 1'-0"



FACE OF WALL (BEYOND)
TOPPING SLAB PER PLAN & SCHED. (RE: 1/S3.13 FOR EDGE DETAILING)
GUARDRAIL PER ARCH./SPECS
SLAB EDGE DIM. PER ARCH.
T-BAR PER ARCH./SPECS
BEAM PER PLAN & SCHED.
SOFFIT FINISH PER ARCH.
FACE OF WALL (BEYOND)
BALCONY FRAMING PER PLAN & SCHED. PROVIDE TREATED TAPERED 2x's ATOP TREATED 2x JOIST FRAMING (TYP.)
EXTERIOR FINISH VARIES PER ARCH.
STUD WALL PER PLAN & SCHED.
1 3/4" x 18" LVL RIM BOARD CONT. @ BALCONY W/ 16d @ 16" O.C. FACE NAILS TO TOP & BOT. CHORDS OF CONT. LADDER TRUSS
SIMPSON LUS210 HANGER @ EA. JOIST
LEDGER PER BALCONY GENERAL NOTE #7/S3.13
EXTERIOR FINISH VARIES PER ARCH.
WINDOW PER ARCH.
SILL PER 1A/S3.02
2x6 CONT.
CONT. 2x4 LADDER TRUSS (TIGHT TO LSL RIM BOARD)
2x4 SQUASH BLOCKING (ALIGN W/ JAMBS ABOVE)
DECK PER PLAN & SCHED.
FLOOR FRAMING PER PLAN & SCHED.
2x6 DIAG. KICKER & ASSOCIATED FRAMING PER 1C/S3.12
CONT. 2x4 CEILING NAILER PER 1C/S3.12
(2) 2x6 TOP PL.
HEADER PER PLAN & SCHED.
WINDOW PER ARCH. (SHIM AS REQ'D)

TYPICAL MIDDLE BALCONY @ FRAMED BOX-OUT

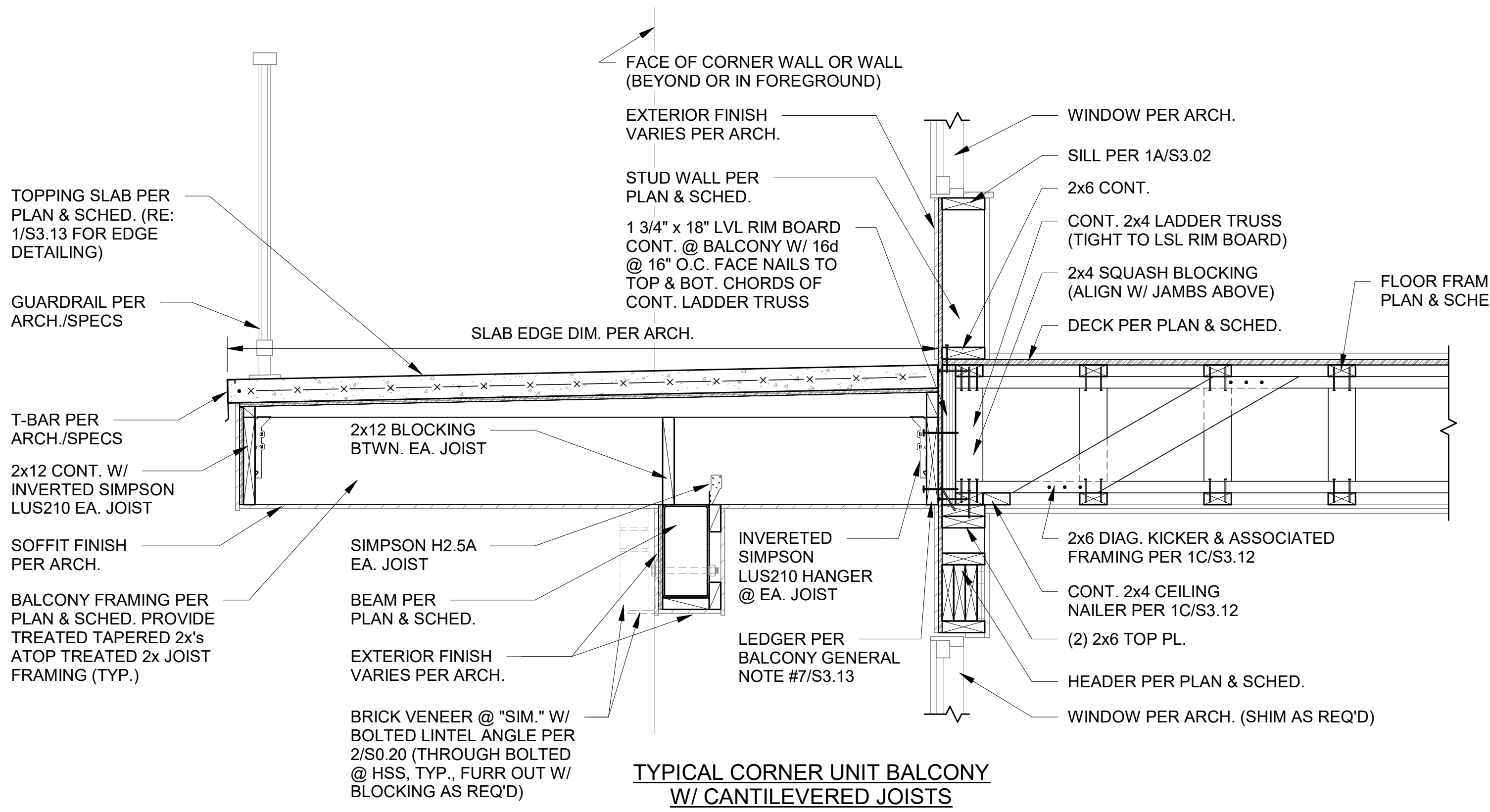
2 SECTION
3/4" = 1'-0"



FACE OF WALL (BEYOND)
TOPPING SLAB PER PLAN & SCHED. (RE: 1/S3.13 FOR EDGE DETAILING)
GUARDRAIL PER ARCH./SPECS
SLAB EDGE DIM. PER ARCH.
T-BAR PER ARCH./SPECS
BEAM PER PLAN & SCHED.
PER ARCH.
SOFFIT FINISH PER ARCH.
FACE OF SOFFIT (BEYOND)
BALCONY FRAMING PER PLAN & SCHED. PROVIDE TREATED TAPERED 2x's ATOP TREATED 2x JOIST FRAMING (TYP.)
FACE OF WALL (BEYOND)
EXTERIOR FINISH VARIES PER ARCH.
STUD WALL PER PLAN & SCHED.
1 3/4" x 18" LVL RIM BOARD CONT. @ BALCONY W/ 16d @ 16" O.C. FACE NAILS TO TOP & BOT. CHORDS OF CONT. LADDER TRUSS
SIMPSON LUS210 HANGER @ EA. JOIST
LEDGER PER BALCONY GENERAL NOTE #7/S3.13
EXTERIOR FINISH VARIES PER ARCH.
WINDOW PER ARCH.
SILL PER 1A/S3.02
2x6 CONT.
CONT. 2x4 LADDER TRUSS (TIGHT TO LSL RIM BOARD)
2x4 SQUASH BLOCKING (ALIGN W/ JAMBS ABOVE)
DECK PER PLAN & SCHED.
FLOOR FRAMING PER PLAN & SCHED.
2x6 DIAG. KICKER & ASSOCIATED FRAMING PER 1C/S3.12
CONT. 2x4 CEILING NAILER PER 1C/S3.12
(2) 2x6 TOP PL.
HEADER PER PLAN & SCHED.
WINDOW PER ARCH. (SHIM AS REQ'D)

TYPICAL LOWER BALCONY @ FRAMED BOX-OUT

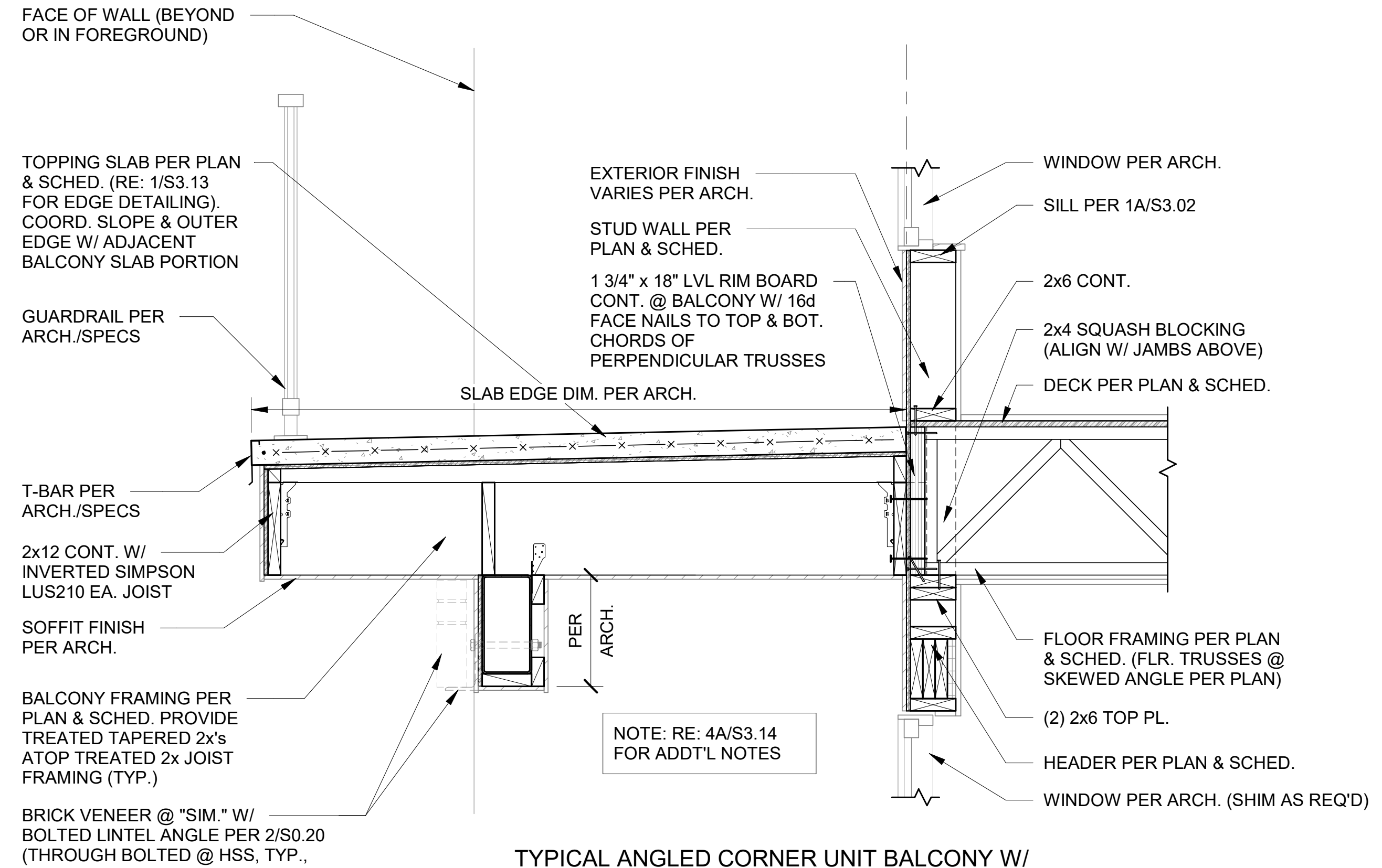
3 SECTION
3/4" = 1'-0"



FACE OF CORNER WALL OR WALL (BEYOND OR IN FOREGROUND)
TOPPING SLAB PER PLAN & SCHED. (RE: 1/S3.13 FOR EDGE DETAILING)
GUARDRAIL PER ARCH./SPECS
SLAB EDGE DIM. PER ARCH.
T-BAR PER ARCH./SPECS
2x12 CONT. W/ INVERTED SIMPSON LUS210 EA. JOIST
SOFFIT FINISH PER ARCH.
BALCONY FRAMING PER PLAN & SCHED. PROVIDE TREATED TAPERED 2x's ATOP TREATED 2x JOIST FRAMING (TYP.)
2x12 BLOCKING BTWN. EA. JOIST
SIMPSON H2.5A EA. JOIST
BEAM PER PLAN & SCHED.
EXTERIOR FINISH VARIES PER ARCH.
BRICK VENEER @ "SIM." W/ BOLTED LINTEL ANGLE PER 2/S0.20 (THROUGH BOLTED @ HSS, TYP., FURR OUT W/ BLOCKING AS REQ'D)
INVERETED SIMPSON LUS210 HANGER @ EA. JOIST
LEDGER PER BALCONY GENERAL NOTE #7/S3.13
EXTERIOR FINISH VARIES PER ARCH.
STUD WALL PER PLAN & SCHED.
1 3/4" x 18" LVL RIM BOARD CONT. @ BALCONY W/ 16d @ 16" O.C. FACE NAILS TO TOP & BOT. CHORDS OF CONT. LADDER TRUSS
WINDOW PER ARCH.
SILL PER 1A/S3.02
2x6 CONT.
CONT. 2x4 LADDER TRUSS (TIGHT TO LSL RIM BOARD)
2x4 SQUASH BLOCKING (ALIGN W/ JAMBS ABOVE)
DECK PER PLAN & SCHED.
FLOOR FRAMING PER PLAN & SCHED.
2x6 DIAG. KICKER & ASSOCIATED FRAMING PER 1C/S3.12
CONT. 2x4 CEILING NAILER PER 1C/S3.12
(2) 2x6 TOP PL.
HEADER PER PLAN & SCHED.
WINDOW PER ARCH. (SHIM AS REQ'D)

TYPICAL CORNER UNIT BALCONY W/ CANTILEVERED JOISTS

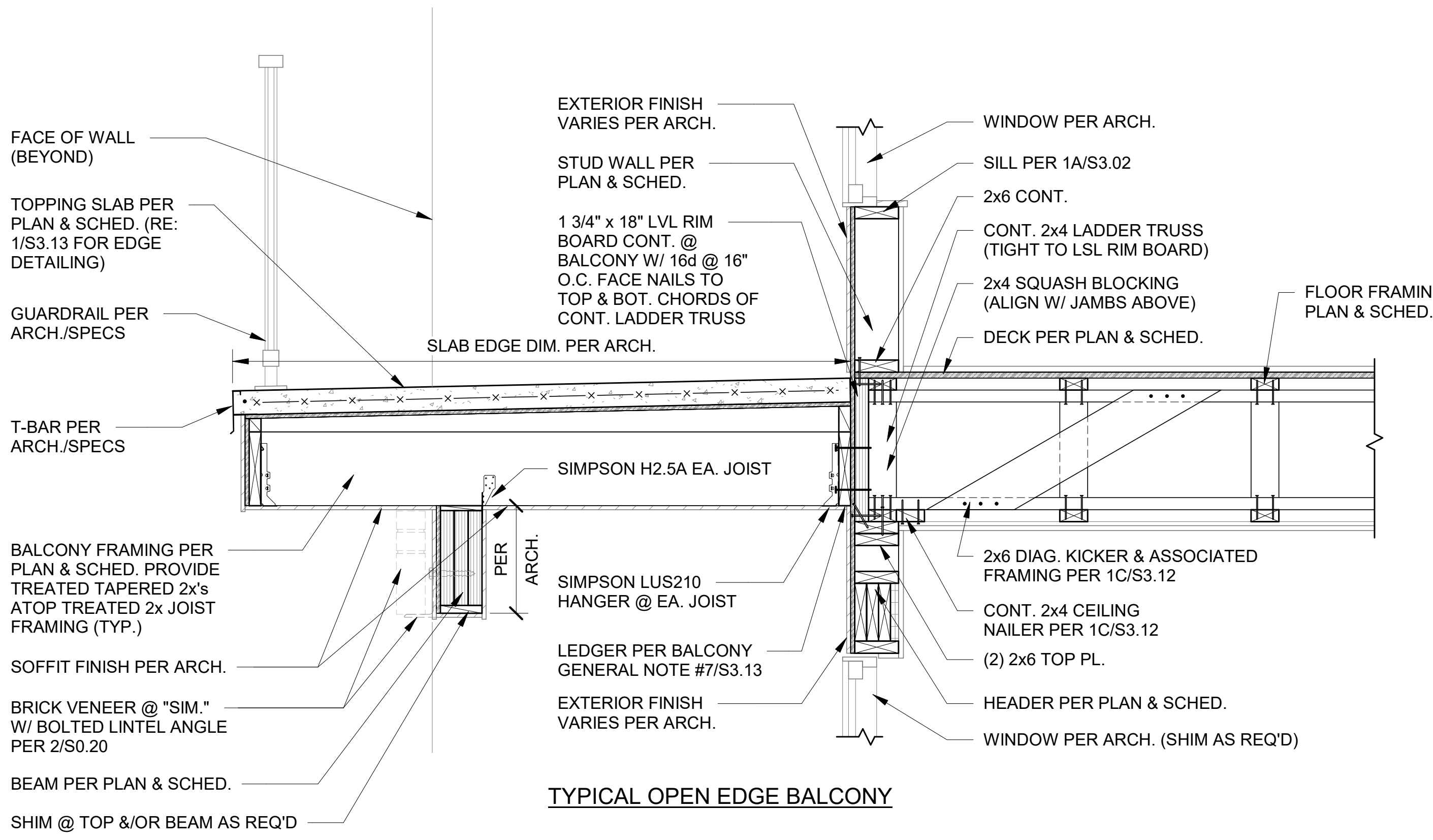
4A SECTION
3/4" = 1'-0"



FACE OF WALL (BEYOND OR IN FOREGROUND)
TOPPING SLAB PER PLAN & SCHED. (RE: 1/S3.13 FOR EDGE DETAILING). COORD. SLOPE & OUTER EDGE W/ ADJACENT BALCONY SLAB PORTION
GUARDRAIL PER ARCH./SPECS
SLAB EDGE DIM. PER ARCH.
T-BAR PER ARCH./SPECS
2x12 CONT. W/ INVERTED SIMPSON LUS210 EA. JOIST
SOFFIT FINISH PER ARCH.
BALCONY FRAMING PER PLAN & SCHED. PROVIDE TREATED TAPERED 2x's ATOP TREATED 2x JOIST FRAMING (TYP.)
BRICK VENEER @ "SIM." W/ BOLTED LINTEL ANGLE PER 2/S0.20 (THROUGH BOLTED @ HSS, TYP., FURR OUT W/ BLOCKING AS REQ'D)
PER ARCH.
NOTE: RE: 4A/S3.14 FOR ADDT'L NOTES
EXTERIOR FINISH VARIES PER ARCH.
STUD WALL PER PLAN & SCHED.
1 3/4" x 18" LVL RIM BOARD CONT. @ BALCONY W/ 16d FACE NAILS TO TOP & BOT. CHORDS OF PERPENDICULAR TRUSSES
WINDOW PER ARCH.
SILL PER 1A/S3.02
2x6 CONT.
2x4 SQUASH BLOCKING (ALIGN W/ JAMBS ABOVE)
DECK PER PLAN & SCHED.
FLOOR FRAMING PER PLAN & SCHED. (FLR. TRUSSES @ SKEWED ANGLE PER PLAN)
(2) 2x6 TOP PL.
HEADER PER PLAN & SCHED.
WINDOW PER ARCH. (SHIM AS REQ'D)

TYPICAL ANGLED CORNER UNIT BALCONY W/ CANTILEVERED JOISTS (@ ROTATED FRMG.)

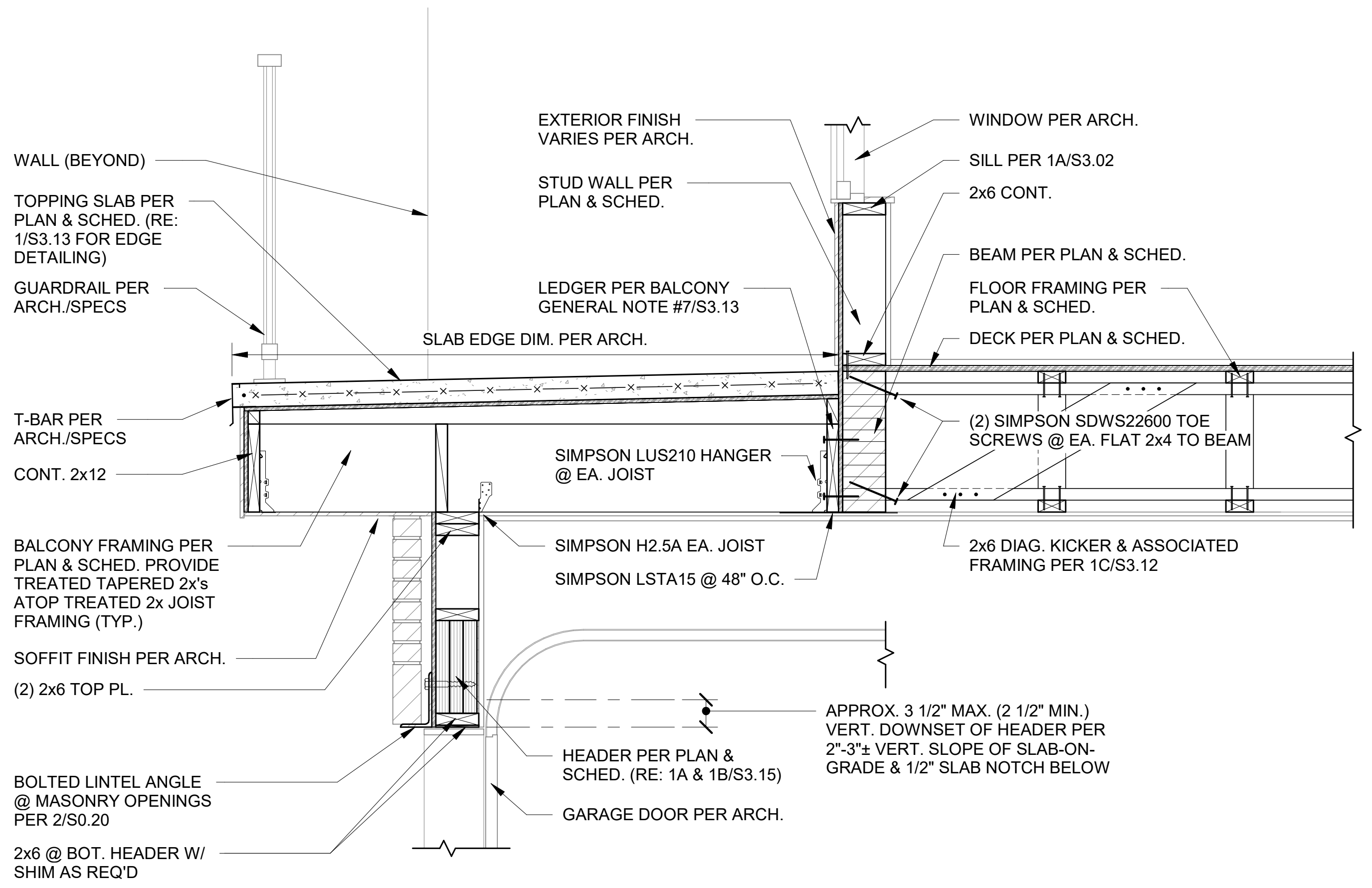
4B SECTION
3/4" = 1'-0"



FACE OF WALL (BEYOND)
TOPPING SLAB PER PLAN & SCHED. (RE: 1/S3.13 FOR EDGE DETAILING)
GUARDRAIL PER ARCH./SPECS
SLAB EDGE DIM. PER ARCH.
T-BAR PER ARCH./SPECS
BALCONY FRAMING PER PLAN & SCHED. PROVIDE TREATED TAPERED 2x's ATOP TREATED 2x JOIST FRAMING (TYP.)
SOFFIT FINISH PER ARCH.
BRICK VENEER @ "SIM." W/ BOLTED LINTEL ANGLE PER 2/S0.20
BEAM PER PLAN & SCHED.
SHIM @ TOP &/OR BEAM AS REQ'D
PER ARCH.
EXTERIOR FINISH VARIES PER ARCH.
STUD WALL PER PLAN & SCHED.
1 3/4" x 18" LVL RIM BOARD CONT. @ BALCONY W/ 16d @ 16" O.C. FACE NAILS TO TOP & BOT. CHORDS OF CONT. LADDER TRUSS
SIMPSON H2.5A EA. JOIST
SIMPSON LUS210 HANGER @ EA. JOIST
LEDGER PER BALCONY GENERAL NOTE #7/S3.13
EXTERIOR FINISH VARIES PER ARCH.
WINDOW PER ARCH.
SILL PER 1A/S3.02
2x6 CONT.
CONT. 2x4 LADDER TRUSS (TIGHT TO LSL RIM BOARD)
2x4 SQUASH BLOCKING (ALIGN W/ JAMBS ABOVE)
DECK PER PLAN & SCHED.
FLOOR FRAMING PER PLAN & SCHED.
2x6 DIAG. KICKER & ASSOCIATED FRAMING PER 1C/S3.12
CONT. 2x4 CEILING NAILER PER 1C/S3.12
(2) 2x6 TOP PL.
HEADER PER PLAN & SCHED.
WINDOW PER ARCH. (SHIM AS REQ'D)

TYPICAL OPEN EDGE BALCONY

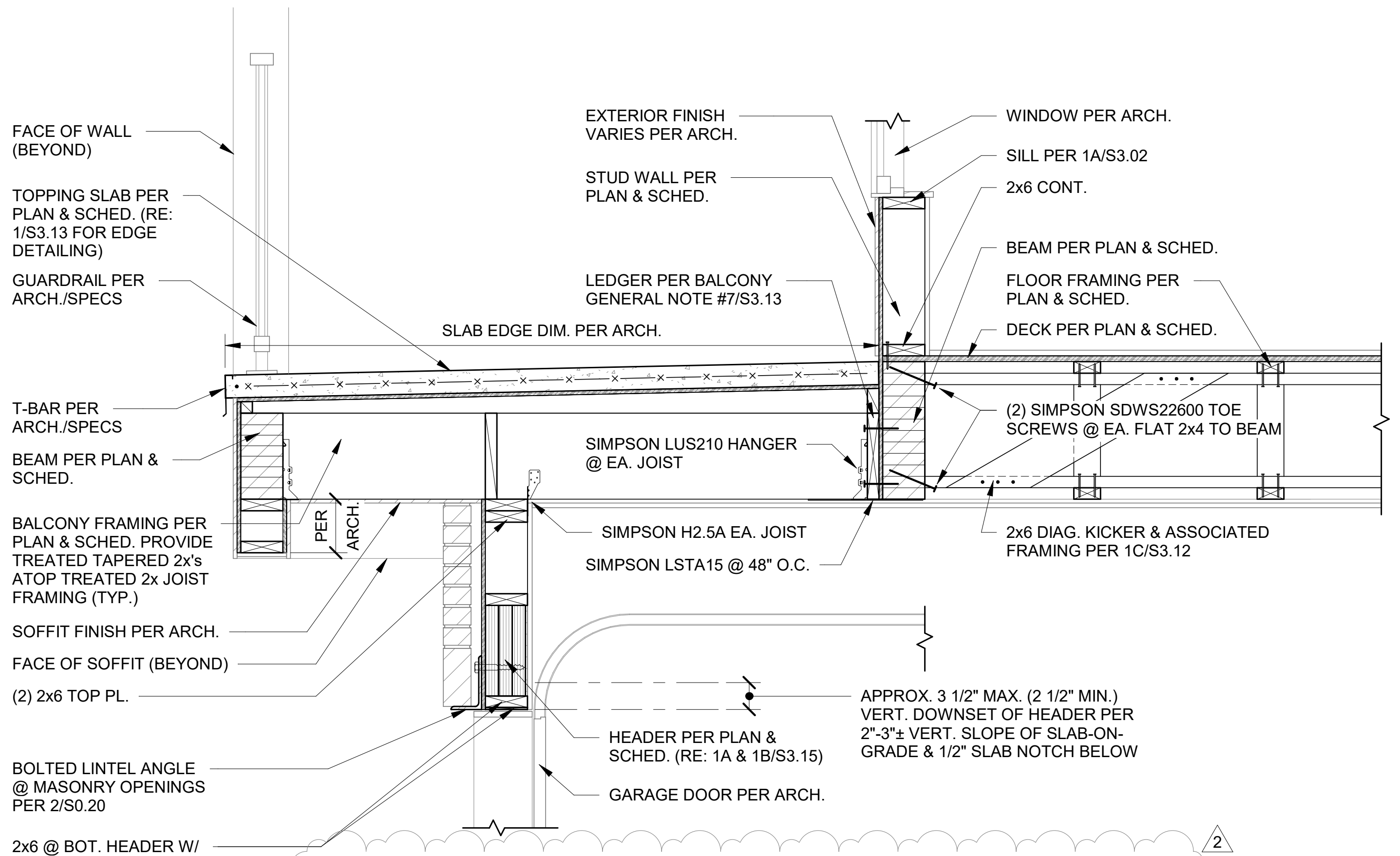
5 SECTION
3/4" = 1'-0"



WALL (BEYOND)
TOPPING SLAB PER PLAN & SCHED. (RE: 1/S3.13 FOR EDGE DETAILING)
GUARDRAIL PER ARCH./SPECS
SLAB EDGE DIM. PER ARCH.
T-BAR PER ARCH./SPECS
CONT. 2x12
BALCONY FRAMING PER PLAN & SCHED. PROVIDE TREATED TAPERED 2x's ATOP TREATED 2x JOIST FRAMING (TYP.)
SOFFIT FINISH PER ARCH.
(2) 2x6 TOP PL.
BOLTED LINTEL ANGLE @ MASONRY OPENINGS PER 2/S0.20
2x6 @ BOT. HEADER W/ SHIM AS REQ'D
EXTERIOR FINISH VARIES PER ARCH.
STUD WALL PER PLAN & SCHED.
LEDGER PER BALCONY GENERAL NOTE #7/S3.13
SIMPSON LUS210 HANGER @ EA. JOIST
SIMPSON H2.5A EA. JOIST
SIMPSON LSTA15 @ 48" O.C.
HEADER PER PLAN & SCHED. (RE: 1A & 1B/S3.15)
GARAGE DOOR PER ARCH.
WINDOW PER ARCH.
SILL PER 1A/S3.02
2x6 CONT.
BEAM PER PLAN & SCHED.
FLOOR FRAMING PER PLAN & SCHED.
DECK PER PLAN & SCHED.
(2) SIMPSON SDWS22600 TOE SCREWS @ EA. FLAT 2x4 TO BEAM
2x6 DIAG. KICKER & ASSOCIATED FRAMING PER 1C/S3.12
APPROX. 3 1/2" MAX. (2 1/2" MIN.) VERT. DOWNSET OF HEADER PER 2"-3"± VERT. SLOPE OF SLAB-ON-GRADE & 1/2" SLAB NOTCH BELOW

TYPICAL OPEN EDGE BALCONY @ GARAGE DOOR W/ PARALLEL TRUSS FRAMING @ MASONRY

6 SECTION
3/4" = 1'-0"



FACE OF WALL (BEYOND)
TOPPING SLAB PER PLAN & SCHED. (RE: 1/S3.13 FOR EDGE DETAILING)
GUARDRAIL PER ARCH./SPECS
SLAB EDGE DIM. PER ARCH.
T-BAR PER ARCH./SPECS
BEAM PER PLAN & SCHED.
PER ARCH.
BALCONY FRAMING PER PLAN & SCHED. PROVIDE TREATED TAPERED 2x's ATOP TREATED 2x JOIST FRAMING (TYP.)
SOFFIT FINISH PER ARCH.
FACE OF SOFFIT (BEYOND)
(2) 2x6 TOP PL.
BOLTED LINTEL ANGLE @ MASONRY OPENINGS PER 2/S0.20
2x6 @ BOT. HEADER W/ SHIM AS REQ'D
EXTERIOR FINISH VARIES PER ARCH.
STUD WALL PER PLAN & SCHED.
LEDGER PER BALCONY GENERAL NOTE #7/S3.13
SIMPSON LUS210 HANGER @ EA. JOIST
SIMPSON H2.5A EA. JOIST
SIMPSON LSTA15 @ 48" O.C.
HEADER PER PLAN & SCHED. (RE: 1A & 1B/S3.15)
GARAGE DOOR PER ARCH.
WINDOW PER ARCH.
SILL PER 1A/S3.02
2x6 CONT.
BEAM PER PLAN & SCHED.
FLOOR FRAMING PER PLAN & SCHED.
DECK PER PLAN & SCHED.
(2) SIMPSON SDWS22600 TOE SCREWS @ EA. FLAT 2x4 TO BEAM
2x6 DIAG. KICKER & ASSOCIATED FRAMING PER 1C/S3.12
APPROX. 3 1/2" MAX. (2 1/2" MIN.) VERT. DOWNSET OF HEADER PER 2"-3"± VERT. SLOPE OF SLAB-ON-GRADE & 1/2" SLAB NOTCH BELOW
2

TYPICAL BALCONY @ FRAMED BOX-OUT @ GARAGE DOOR W/ PARALLEL TRUSS FRAMING @ MASONRY (SIM. @ WHERE OCCURS OVER OCCUPIED SPACE)

7 SECTION
3/4" = 1'-0"

4/28/2023 6:53:46 PM

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JOHN A. KRUDWIG
NUMBER PE-2005000022
04.28.23

KRUDWIG STRUCTURAL ENGINEERS INC
11200 Corporate Ave., Suite 110 Lenexa, Kansas 66219

A NEW RESIDENTIAL COMMUNITY AT::
TRILOGY
NW WARD RD. I LEE'S SUMMIT, MO

DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

REVISIONS

1	23 0411	CITY COMMENTS
2	23 0428	ADD 1 / CC 2

JOB NO. PN1129
DATE 03/15/23
DRAWN BY KSE
4.11.2023
CITY COMMENTS
SHEET NAME
FLOOR FRAMING DETAILS
SHEET NO.
S3.14

ARCH E1 30" x 42"

SITE LIGHT FIXTURE SCHEDULE

MARK	MANUFACTURE	MODEL NUMBER	MOUNTING			FINISH	LAMPS					REMARKS
			RECESS	SURFACE	WALL		LED	FLOUR.	HID	CODE	QUANTITY	
SL 1		SEE OWNER FINISH SCHEDULE			X	BLACK	X				1	1
SL 2	HUBBELL	LMC-30LU-3-K-4			X	BLACK	X				1	5
SL 3	CREE INC.	ARE-EDG-4MB-DA-12-E-UL-BK-525-40K		POLE		BLACK	X				1	2, 3. 4
SL 4	CREE INC.	ARE-EDG-3MP-DA-06-E-UL-BK-700-40K		POLE		BLACK	X				1	3, 4
SL 5	CREE INC.	ARE-EDG-3MP-DA-06-E-UL-BK-700-40K		POLE		BLACK	X				1	2, 3. 4
SL 6	CREE INC.	ARE-EDG-4MB-DA-12-E-UL-BK-525-40K		POLE		BLACK	X				1	3, 4

REMARKS:

1 MOUNT AT 8'AFG.
2 PROVIDE WITH (1) HEAD.
3 MOUNT ON 20' POLE ROUND STRAIGHT STEEL, 80 MPH RATED.
4 VERIFY EPA RATING OF POLE WITH MANUFACTURER.
5 MOUNT AT 16' AFG

NOTES:

1. SEE CIVIL, ARCHITECTURAL AND LANDSCAPE DRAWING FOR FURTHER INFORMATION AND WORK.
2. NOTIFY UTILITY PROVIDERS PRIOR TO ANY EXCAVATION, TRENCHING OR GRADING TO MARK UTILITIES.
3. PROVIDE ALL UTILITY PROVIDER REQUIREMENTS WITH REGARDS TO INTERFACING WITH THEIR WORK AND INCLUDE ALL ITEMS REQUIRED FOR PROPER INSTALLATION.
4. TRANSFORMER AND PRIMARY LOCATIONS ARE AS PREFERRED AND NEED VERIFICATION WITH THE PROVIDER AS TO FINAL LOCATIONS BASED ON THEIR DESIGN AND CONTRACTOR REQUIREMENTS.
5. ALL SITE LIGHTING CIRCUITS ROUTE THROUGH PHOTOCELL AND HAVE (3) #10 WIRES UNLESS NOTED OTHERWISE.

LEGEND:

⟨1⟩ 24"Wx36"Lx30"D QUAZITE HANDHOLE FOR VOICE/DATA PROVIDER CABLING. VERIFY SIZE, QUANTITY AND LOCATION WITH UTILITY PROVIDER(S) AND CIVIL PLANS

⟨2⟩ (3) 4"C. WITH PULL STRINGS FOR VOICE/DATA PROVIDER CABLING AT 36" MINIMUM BELOW GRADE.

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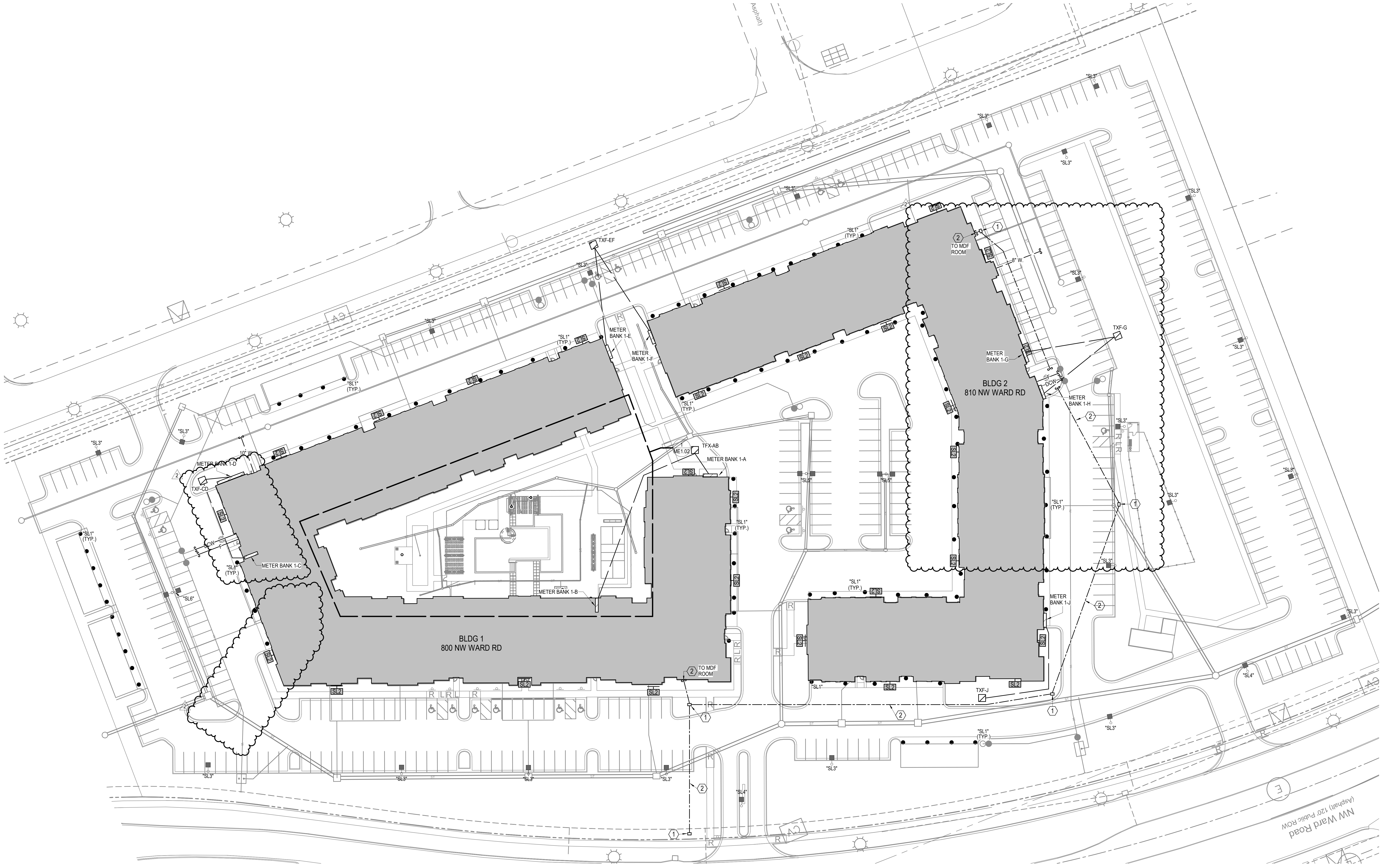
RICHARD R. BEARDMORE

04/28/2023



NORTH

1 SITE PLAN

MECH./ELEC.
1" = 40'-0"

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TRILOGY

800 & 810 NW WARD RD. | LEE'S SUMMIT, MO

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2	23 0428	ADD 1/CC 2

LS&A
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8625 College Boulevard, Suite 102
Overland Park, Kansas 66210
Telephone: (785) 233-3232
Email: lsapa@lsapa.com
LSA PROJECT NO. 2204061

JOB NO. **705921**
DATE **03.15.2023**
DRAWN BY **LSA CAD**
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME **SITE PLAN**
SHEET NO. **ME1.01**

5/1/2023 3:50:34 PM

ARCH E1 30" x 42"

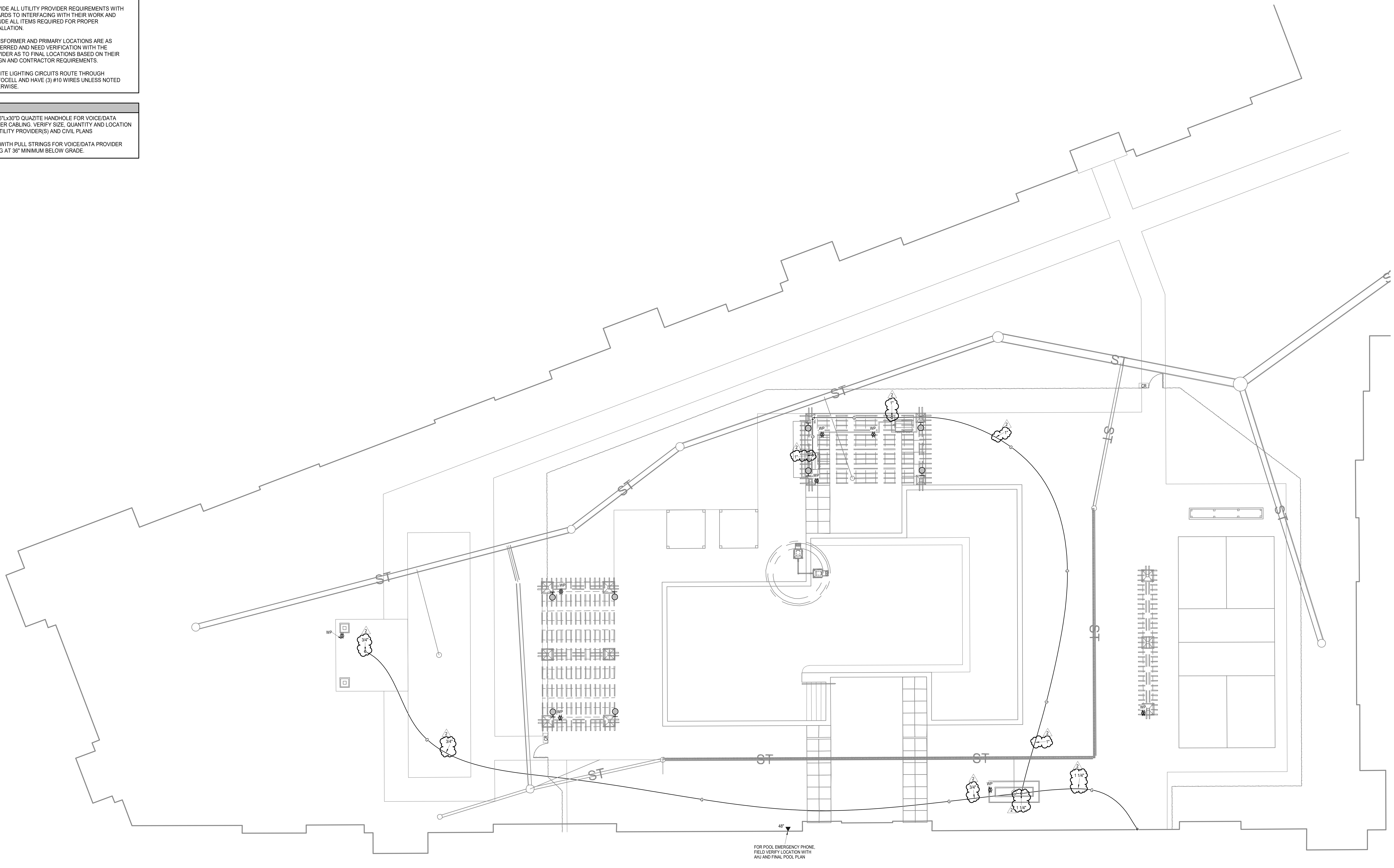
NOTES:

1. SEE CIVIL, ARCHITECTURAL AND LANDSCAPE DRAWING FOR FURTHER INFORMATION AND WORK.
2. NOTIFY UTILITY PROVIDERS PRIOR TO ANY EXCAVATION, TRENCHING OR GRADING TO MARK UTILITIES.
3. PROVIDE ALL UTILITY PROVIDER REQUIREMENTS WITH REGARDS TO INTERFACING WITH THEIR WORK AND INCLUDE ALL ITEMS REQUIRED FOR PROPER INSTALLATION.
4. TRANSFORMER AND PRIMARY LOCATIONS ARE AS PREFERRED AND NEED VERIFICATION WITH THE PROVIDER AS TO FINAL LOCATIONS BASED ON THEIR DESIGN AND CONTRACTOR REQUIREMENTS.
5. ALL SITE LIGHTING CIRCUITS ROUTE THROUGH PHOTOCELL AND HAVE (3) #10 WIRES UNLESS NOTED OTHERWISE.

LEGEND:

⟨1⟩ 24"Wx36"Lx30"D QUAZITE HANDHOLE FOR VOICE/DATA PROVIDER CABLING. VERIFY SIZE, QUANTITY AND LOCATION WITH UTILITY PROVIDER(S) AND CIVIL PLANS

⟨2⟩ (3) 4"C. WITH PULL STRINGS FOR VOICE/DATA PROVIDER CABLING AT 36" MINIMUM BELOW GRADE.



FOR POOL EMERGENCY PHONE, FIELD VERIFY LOCATION WITH AHJ AND FINAL POOL PLAN

NORTH

1 PARTIAL SITE PLAN

MECH./ELEC.
1/8" = 1'-0"

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RICHARD R. BEARDMORE
PROFESSIONAL ENGINEER

04/28/2023

A NEW RESIDENTIAL COMMUNITY AT:

TRILOGY

800 & 810 NW WARD RD. | LEE'S SUMMIT, MO

DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

△REVISIONS
2 23 0428 ADD 1/CC 2

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& Associates P.A.
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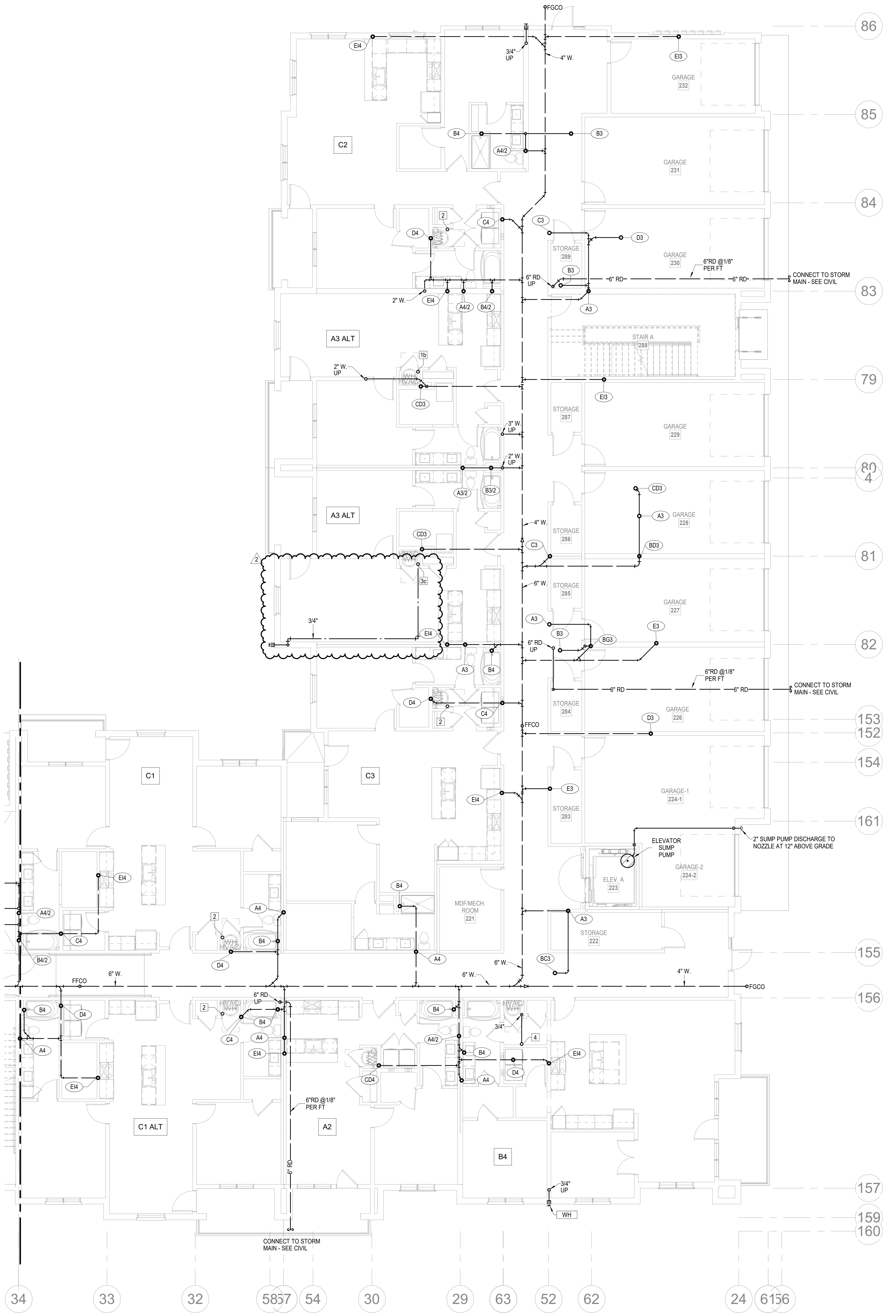
LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME PARTIAL SITE PLAN
SHEET NO.
ME1.02

5/1/2023 3:50:36 PM

ARCH E1 30" x 42"



1 1ST FLOOR - SEGMENT A

PLUMBING
1/8" = 1'-0"

NORTH

NOTES:	
1.	COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
2.	ALL DRAIN, WASTE AND VENT PIPING IS 2" UNLESS NOTED OTHERWISE. ALL 2" AND 3" WASTE SLOPE AT ¼" PER FT. PIPING 4" AND GREATER MAY BE AT 1/8" PER FT UNLESS NOTED OTHERWISE.
3.	ANY BELOW SLAB SUPPLY PIPING SHALL BE PEX WITH NO JOINTS.
4.	ALL SUPPLY PIPING IS ½" UNLESS NOTED OTHERWISE OR REQUIRED BY THE PLUMBING CODE.
5.	CONNECT ALL APPLIANCES OR EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.
6.	ALL PLUMBING VENTS SHALL BE 10 FEET FROM OPENINGS OR INTAKES.
7.	THERE SHALL BE NO PVC WITHIN RETURN AIR PLENUMS.
8.	ALL FIXTURES SHALL HAVE EXPANSION COMPENSATOR OR BLADDER TYPE SHOCK SUPPRESSORS FOR EACH CHASE.
9.	SEE THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS.
10.	REFER TO THE ARCHITECTURAL DRAWINGS FOR FLOOR DRAIN LOCATIONS AND FLOOR SLOPES IF PRESENT. ALL FLOOR DRAINS ARE 2" TYPE 1 UNLESS NOTED OTHERWISE.
11.	ROUTE DRAIN PIPING FROM WATER HEATERS, AIR HANDLERS OR EQUIPMENT TO FLOOR DRAINS. PROVIDE PROPER TRAPS.
12.	ROUTE NO PIPING OVER ELECTRICAL EQUIPMENT.
13.	FIRE SPRINKLER SHALL BE PROVIDED FOR ALL AREAS OF THE BUILDING PER NFPA. THIS INCLUDES A PROTECTED OR DRY SYSTEM FOR ANY UNHEATED AREAS. NO PIPE SHALL BE EXPOSED TO FREEZING TEMPERATURES.

2

LEGEND:	
1	CLASS 1MANUAL STANDPIPE WITH VALVE.
2	3/4" CW UP TO ROOF HYDRANT.

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RICHARD R. BEARDMORE
04/28/2023

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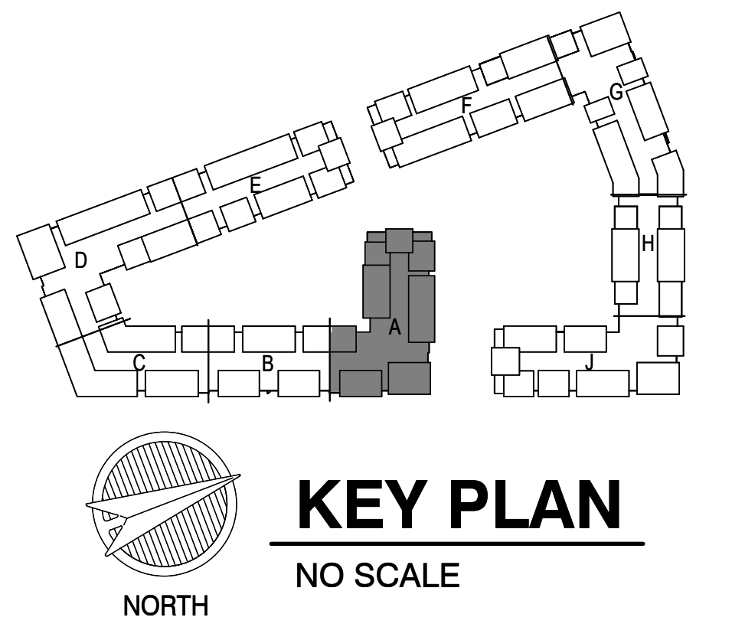

KEY PLAN
NO SCALE

△REVISIONS

2 23 0428 ADD 1/CC 2

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LSA PROJECT NO. 2204061

JOB NO.	DATE
705921	03.15.2023

DRAWN BY
LSA CAD

4/28/2023 ADDENDUM 1/ CITY COMMENTS #2

SHEET NAME
SEGMENT A - 1ST FLOOR - PLUMBING

SHEET NO.
P1.01

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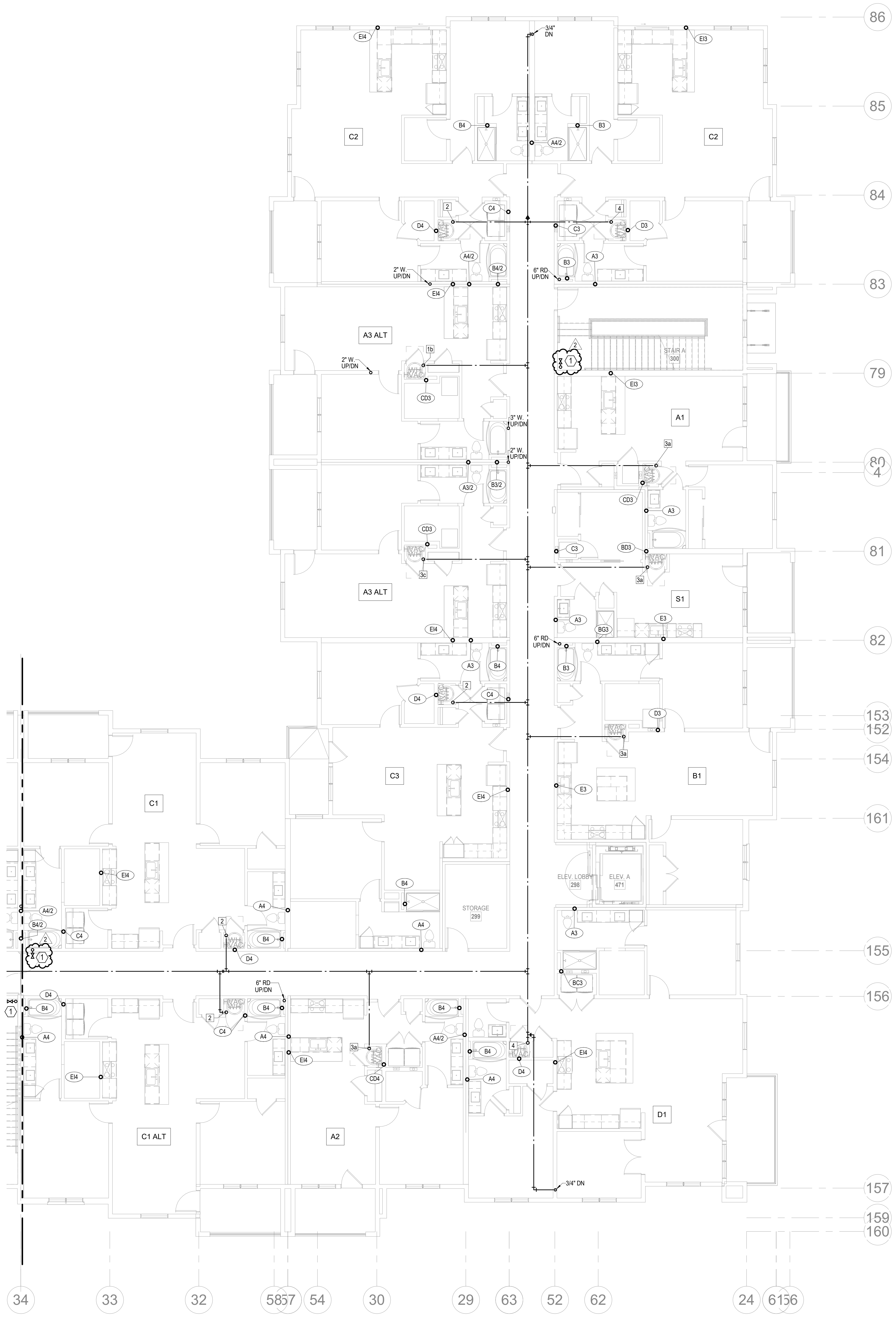
ARCH E1 30" x 42"



1 2ND FLOOR - SEGMENT A

PLUMBING
1/8" = 1'-0"

NORTH

NOTES:	
1.	COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
2.	ALL DRAIN, WASTE AND VENT PIPING IS 2" UNLESS NOTED OTHERWISE. ALL 2" AND 3" WASTE SLOPE AT ¼" PER FT. PIPING 4" AND GREATER MAY BE AT 1/8" PER FT UNLESS NOTED OTHERWISE.
3.	ANY BELOW SLAB SUPPLY PIPING SHALL BE PEX WITH NO JOINTS.
4.	ALL SUPPLY PIPING IS ½" UNLESS NOTED OTHERWISE OR REQUIRED BY THE PLUMBING CODE.
5.	CONNECT ALL APPLIANCES OR EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.
6.	ALL PLUMBING VENTS SHALL BE 10 FEET FROM OPENINGS OR INTAKES.
7.	THERE SHALL BE NO PVC WITHIN RETURN AIR PLENUMS.
8.	ALL FIXTURES SHALL HAVE EXPANSION COMPENSATOR OR BLADDER TYPE SHOCK SUPPRESSORS FOR EACH CHASE.
9.	SEE THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS.
10.	REFER TO THE ARCHITECTURAL DRAWINGS FOR FLOOR DRAIN LOCATIONS AND FLOOR SLOPES IF PRESENT. ALL FLOOR DRAINS ARE 2" TYPE 1 UNLESS NOTED OTHERWISE.
11.	ROUTE DRAIN PIPING FROM WATER HEATERS, AIR HANDLERS OR EQUIPMENT TO FLOOR DRAINS. PROVIDE PROPER TRAPS.
12.	ROUTE NO PIPING OVER ELECTRICAL EQUIPMENT.
13.	FIRE SPRINKLER SHALL BE PROVIDED FOR ALL AREAS OF THE BUILDING PER NFPA. THIS INCLUDES A PROTECTED OR DRY SYSTEM FOR ANY UNHEATED AREAS. NO PIPE SHALL BE EXPOSED TO FREEZING TEMPERATURES.

2

LEGEND:	
1	CLASS 1MANUAL STANDPIPE WITH VALVE.
2	3/4" CW UP TO ROOF HYDRANT.

2

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PRAIRIE VILLAGE, KS 66208

RICHARD R. BEARDMORE
04/28/2023

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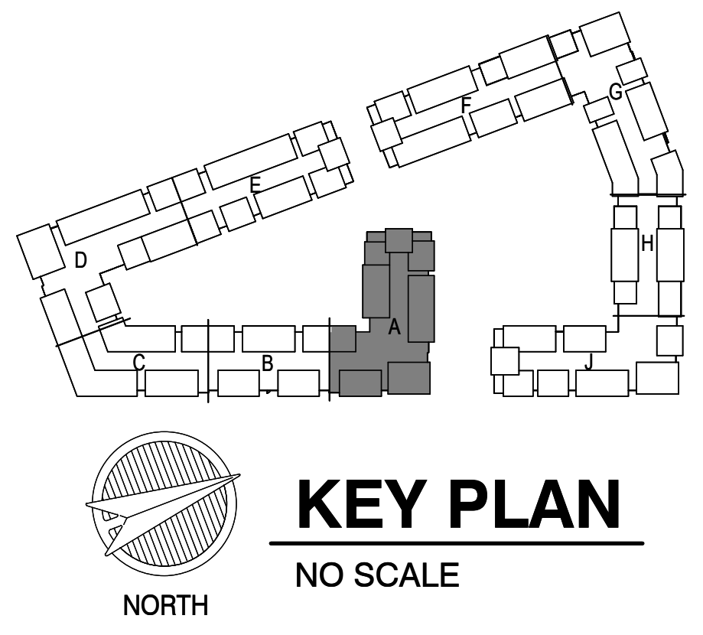

KEY PLAN
NO SCALE

REVISIONS

2	23 0428	ADD 1/CC 2

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME SEGMENT A - 2ND FLOOR - PLUMBING
SHEET NO.
P1.02

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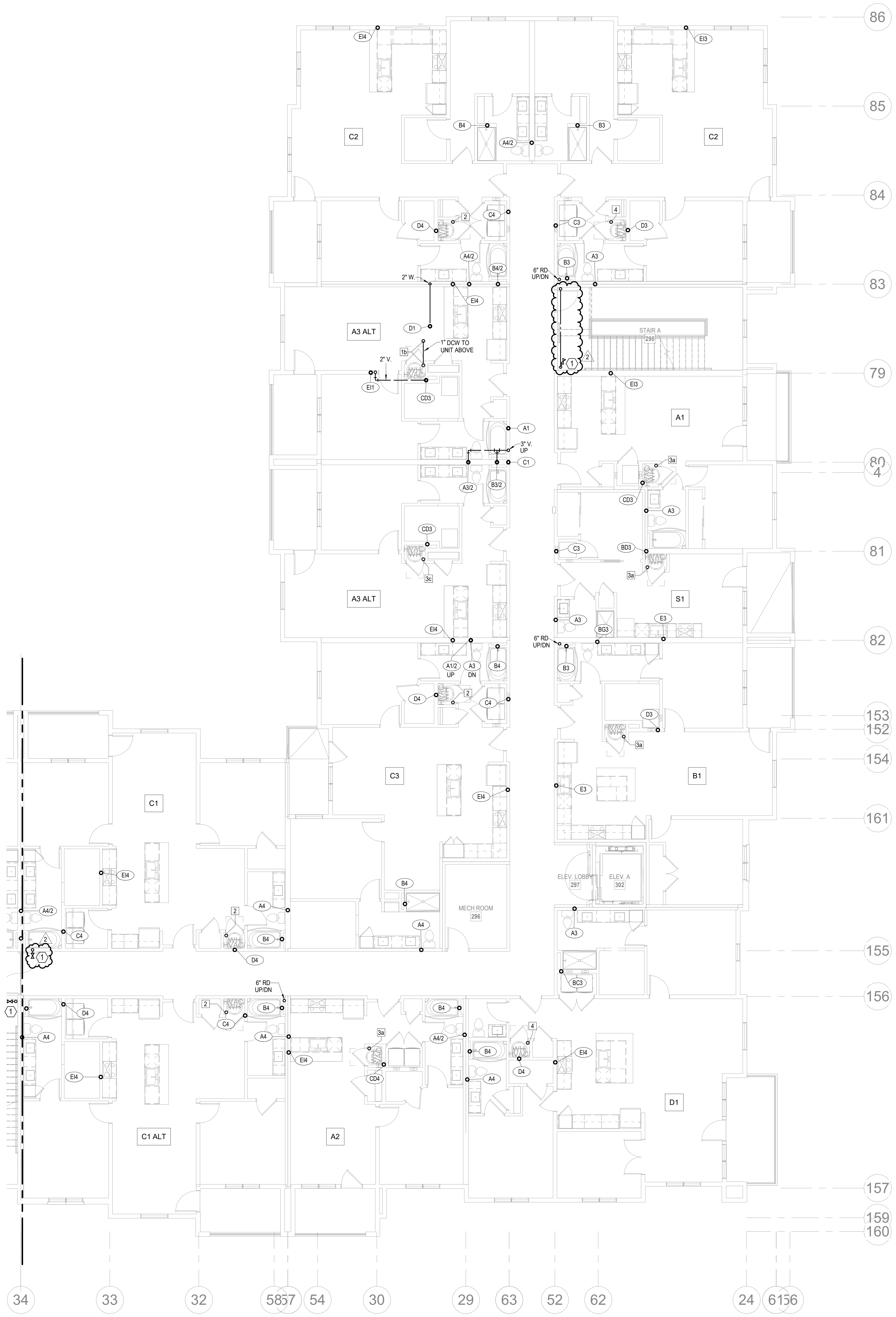
LSA PROJECT NO. 2204061

5/1/2023 3:50:48 PM

ARCH E1 30" x 42"



1 3RD FLOOR - SEGMENT A

PLUMBING
1/8" = 1'-0"

NORTH

NOTES:

1. COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
2. ALL DRAIN, WASTE AND VENT PIPING IS 2" UNLESS NOTED OTHERWISE. ALL 2" AND 3" WASTE SLOPE AT ¼" PER FT. PIPING 4" AND GREATER MAY BE AT 1/8" PER FT UNLESS NOTED OTHERWISE.
3. ANY BELOW SLAB SUPPLY PIPING SHALL BE PEX WITH NO JOINTS.
4. ALL SUPPLY PIPING IS ½" UNLESS NOTED OTHERWISE OR REQUIRED BY THE PLUMBING CODE.
5. CONNECT ALL APPLIANCES OR EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.
6. ALL PLUMBING VENTS SHALL BE 10 FEET FROM OPENINGS OR INTAKES.
7. THERE SHALL BE NO PVC WITHIN RETURN AIR PLENUMS.
8. ALL FIXTURES SHALL HAVE EXPANSION COMPENSATOR OR BLADDER TYPE SHOCK SUPPRESSORS FOR EACH CHASE.
9. SEE THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS.
10. REFER TO THE ARCHITECTURAL DRAWINGS FOR FLOOR DRAIN LOCATIONS AND FLOOR SLOPES IF PRESENT. ALL FLOOR DRAINS ARE 2" TYPE 1 UNLESS NOTED OTHERWISE.
11. ROUTE DRAIN PIPING FROM WATER HEATERS, AIR HANDLERS OR EQUIPMENT TO FLOOR DRAINS. PROVIDE PROPER TRAPS.
12. ROUTE NO PIPING OVER ELECTRICAL EQUIPMENT.
13. FIRE SPRINKLER SHALL BE PROVIDED FOR ALL AREAS OF THE BUILDING PER NFPA. THIS INCLUDES A PROTECTED OR DRY SYSTEM FOR ANY UNHEATED AREAS. NO PIPE SHALL BE EXPOSED TO FREEZING TEMPERATURES.

LEGEND:

(1) CLASS 1MANUAL STANDPIPE WITH VALVE.
(2) 3/4" CW UP TO ROOF HYDRANT.

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ENERGY SERVICES

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STATE OF MISSOURI
RICHARD R. BEARDMORE
PROFESSIONAL ENGINEER

04/28/2023

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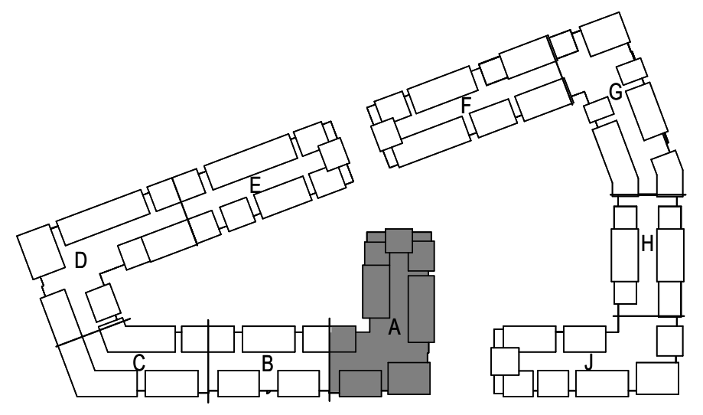
TRILOGY
800 & 810 NW WARD RD. | LEE'S SUMMIT, MO

DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL



REVISIONS
2 23 0428 ADD 1/CC 2

NORTH

KEY PLAN
NO SCALE

LS&A
Latimer Sommers & Associates P.A.
CONSULTING ENGINEERS
3639 SW Summerfield Drive, Suite A
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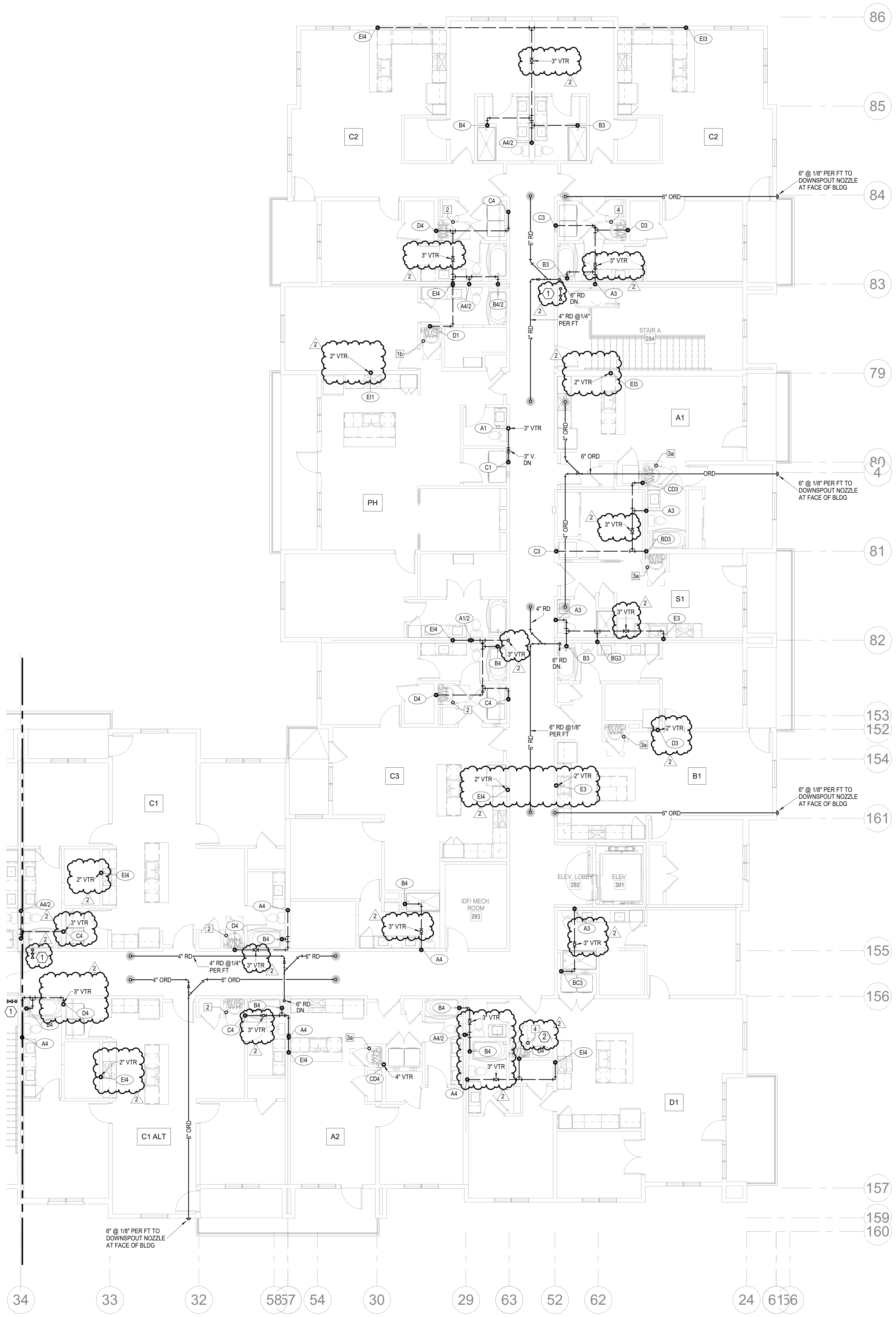
Email: lsapa@lsapa.com
LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT A - 3RD FLOOR - PLUMBING
SHEET NO.
P1.03

5/1/2023 3:50:51 PM

ARCH E1 30" x 42"



1 4TH FLOOR - SEGMENT A

PLUMBING
1/8" = 1'-0"

NORTH

NOTES:

1. COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
2. ALL DRAIN, WASTE AND VENT PIPING IS 2" UNLESS NOTED OTHERWISE. ALL 2" AND 3" WASTE SLOPE AT ¼" PER FT. PIPING 4" AND GREATER MAY BE AT 1/8" PER FT UNLESS NOTED OTHERWISE.
3. ANY BELOW SLAB SUPPLY PIPING SHALL BE PEX WITH NO JOINTS.
4. ALL SUPPLY PIPING IS ½" UNLESS NOTED OTHERWISE OR REQUIRED BY THE PLUMBING CODE.
5. CONNECT ALL APPLIANCES OR EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.
6. ALL PLUMBING VENTS SHALL BE 10 FEET FROM OPENINGS OR INTAKES.
7. THERE SHALL BE NO PVC WITHIN RETURN AIR PLENUMS.
8. ALL FIXTURES SHALL HAVE EXPANSION COMPENSATOR OR BLADDER TYPE SHOCK SUPPRESSORS FOR EACH CHASE.
9. SEE THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS.
10. REFER TO THE ARCHITECTURAL DRAWINGS FOR FLOOR DRAIN LOCATIONS AND FLOOR SLOPES IF PRESENT. ALL FLOOR DRAINS ARE 2" TYPE 1 UNLESS NOTED OTHERWISE.
11. ROUTE DRAIN PIPING FROM WATER HEATERS, AIR HANDLERS OR EQUIPMENT TO FLOOR DRAINS. PROVIDE PROPER TRAPS.
12. ROUTE NO PIPING OVER ELECTRICAL EQUIPMENT.
13. FIRE SPRINKLER SHALL BE PROVIDED FOR ALL AREAS OF THE BUILDING PER NFPA. THIS INCLUDES A PROTECTED OR DRY SYSTEM FOR ANY UNHEATED AREAS. NO PIPE SHALL BE EXPOSED TO FREEZING TEMPERATURES.

2

LEGEND:

① CLASS 1MANUAL STANDPIPE WITH VALVE.
② 3/4" CW UP TO ROOF HYDRANT.

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PRAIRIE VILLAGE, KS 66208

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F. 913.831.1563
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RICHARD R. BEARDMORE
04/28/2023

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TRILOGY
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DRAWING RELEASE LOG
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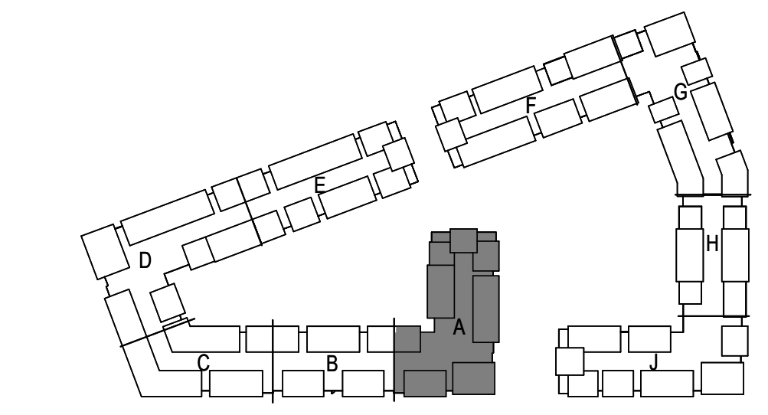

NORTH

KEY PLAN

NO SCALE

REVISIONS
2 23 0428 ADD 1/CC 2

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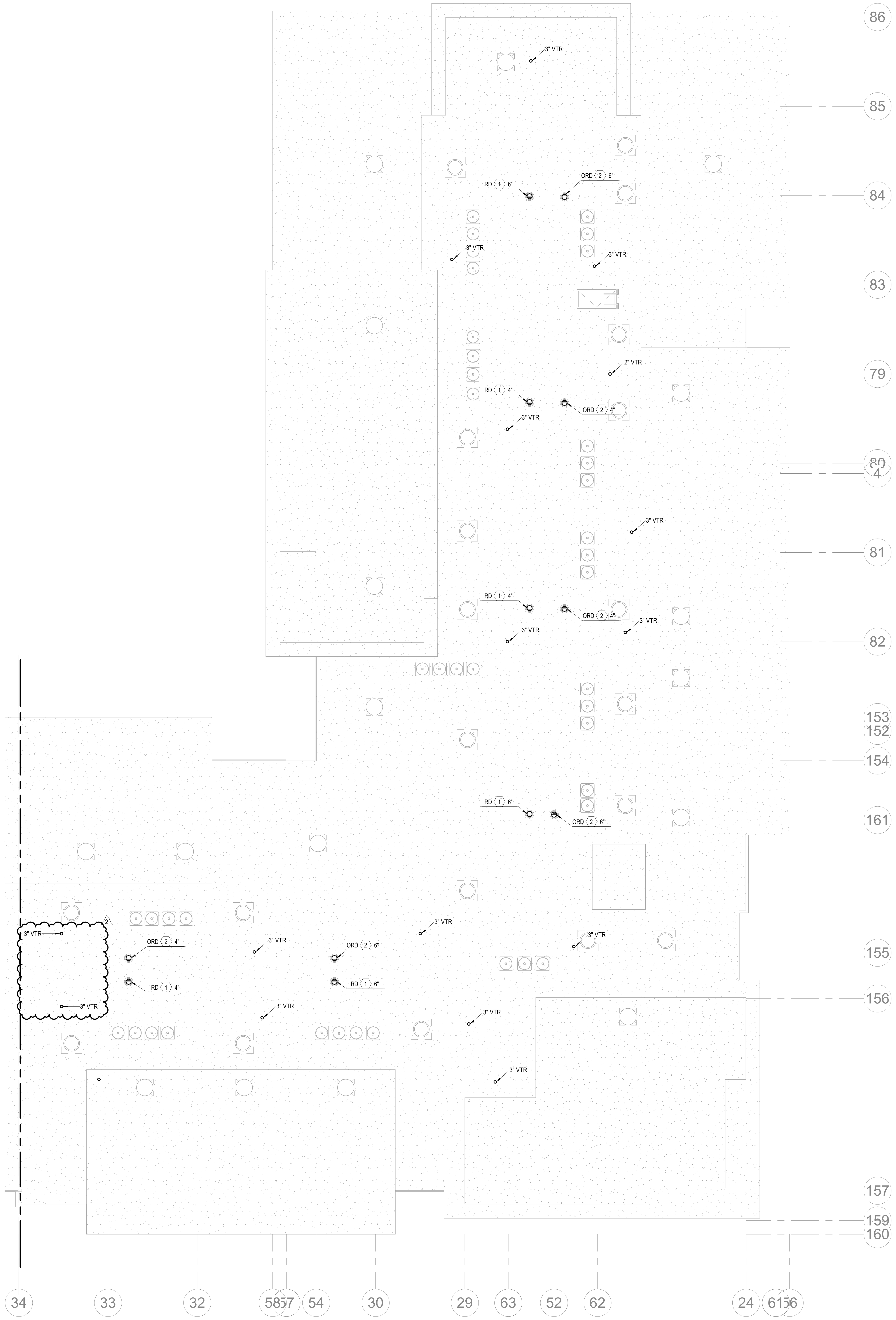
JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME SEGMENT A - 4TH FLOOR - PLUMBING
SHEET NO. P1.04

5/1/2023 3:50:54 PM

ARCH E1 30" x 42"



NORTH

① ROOF PLAN - SEGMENT A

PLUMBING
1/8" = 1'-0"

NOTES:

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8. ALL FIXTURES SHALL HAVE EXPANSION COMPENSATOR OR BLADDER TYPE SHOCK SUPPRESSORS FOR EACH CHASE. △2
9. SEE THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS.
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△2

LEGEND:

① CLASS 1MANUAL STANDPIPE WITH VALVE.
② 3/4" CW UP TO ROOF HYDRANT.

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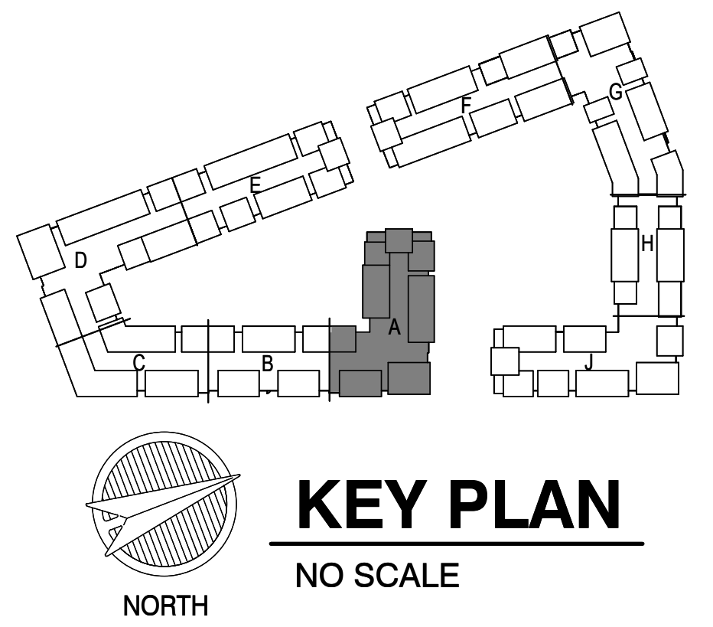

KEY PLAN
NO SCALE

△REVISIONS
2 23 0428 ADD 1/CC 2

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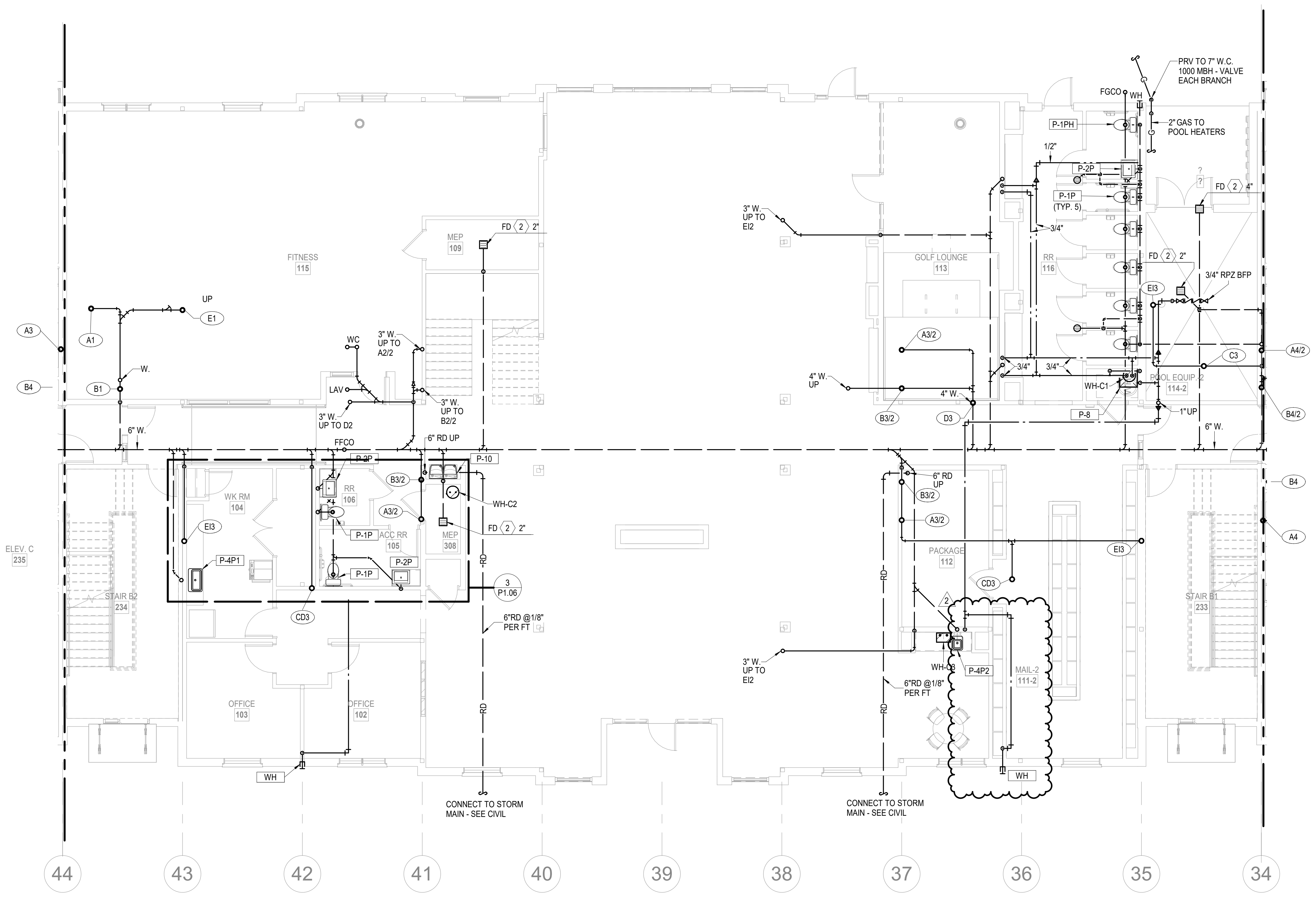
LSA PROJECT NO. 2204061

JOB NO. **705921**
DATE **03.15.2023**
DRAWN BY **LSA CAD**
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT A - ROOF PLAN - PLUMBING
SHEET NO.
P1.05

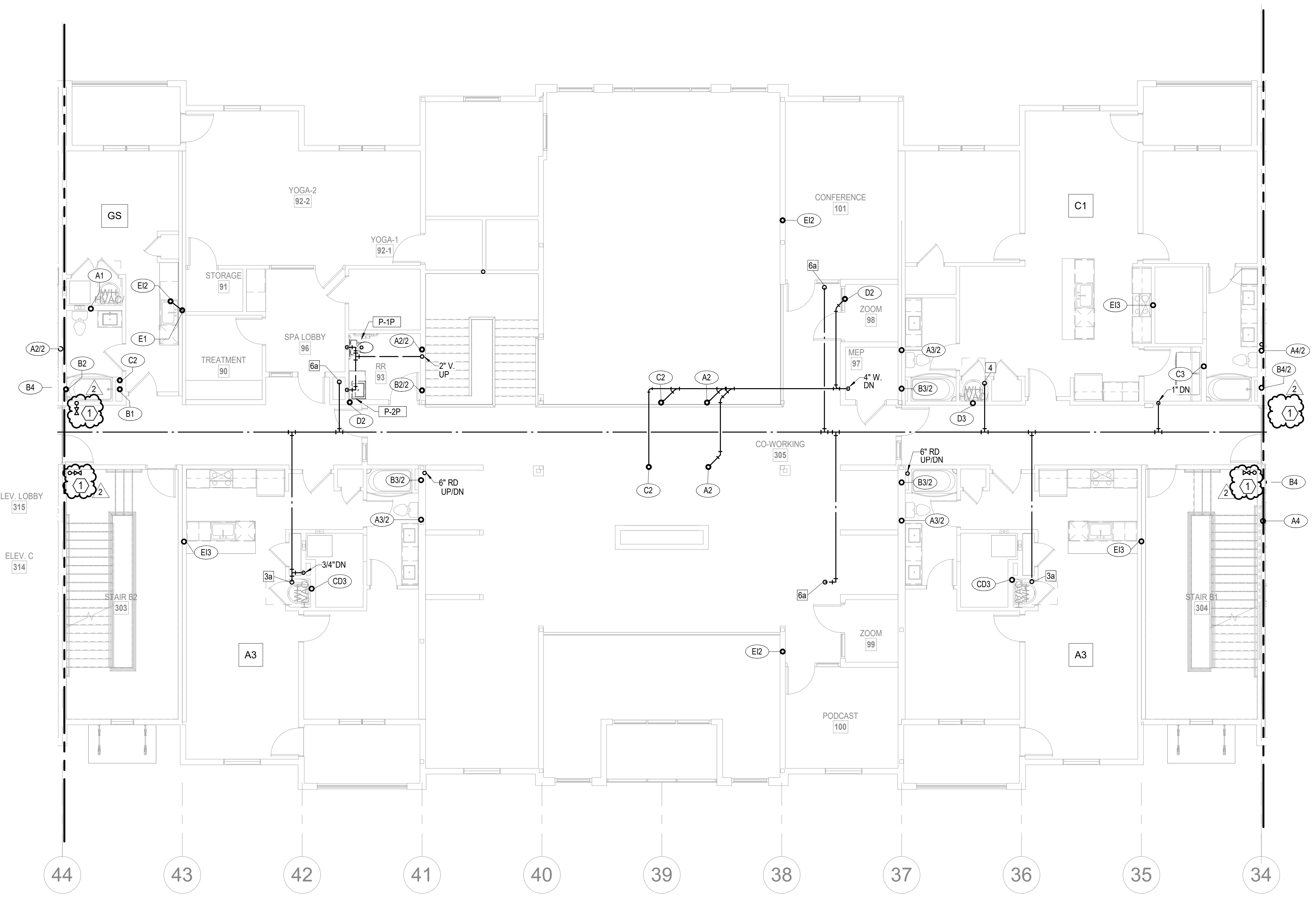
5/1/2023 3:50:54 PM

ARCH E1 30" x 42"



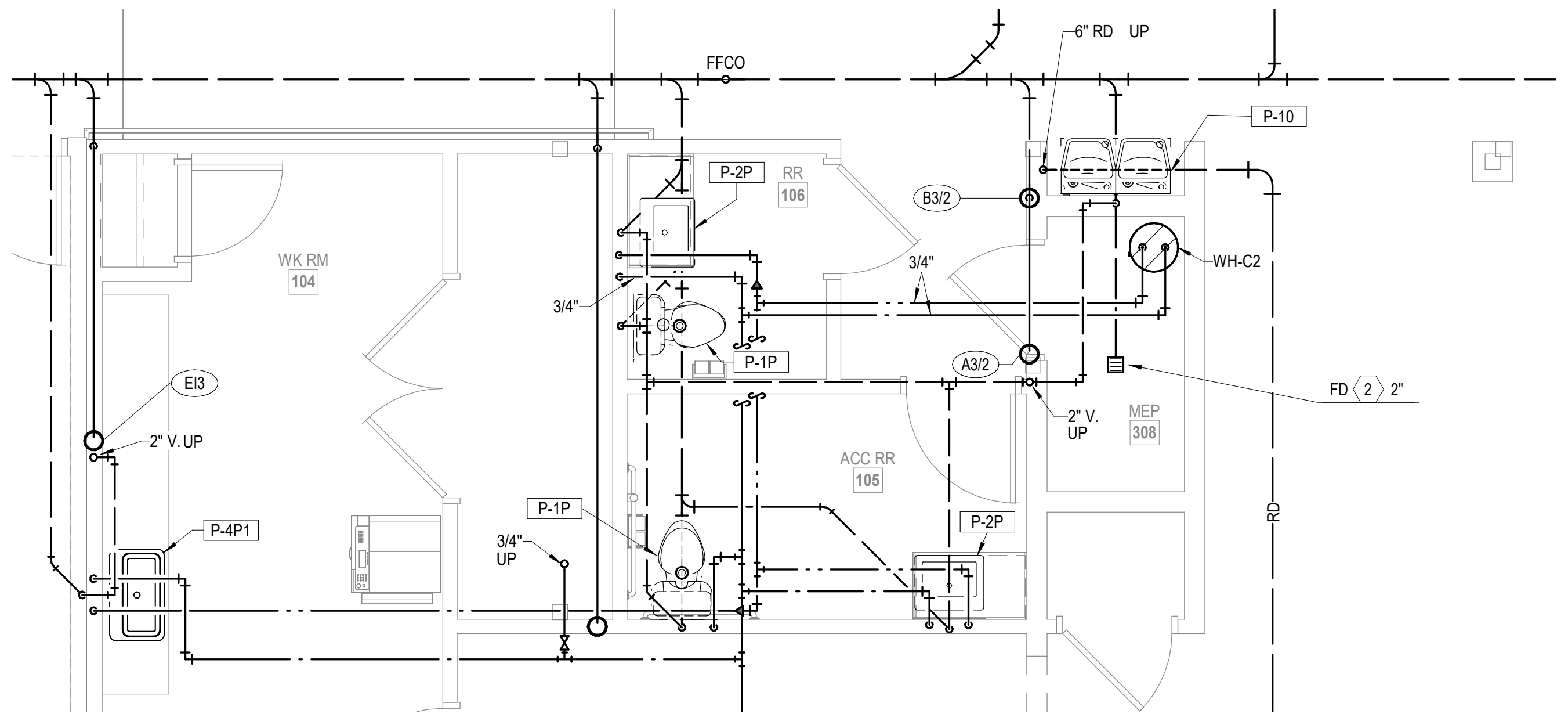
1 1ST FLOOR - SEGMENT B

PLUMBING
1/8" = 1'-0"
NORTH



2 2ND FLOOR - SEGMENT B

PLUMBING
1/8" = 1'-0"
NORTH



3 PARTIAL PLAN - SEGMENT B

PLUMBING
1/4" = 1'-0"
NORTH

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LEGEND:

⟨1⟩	CLASS 1MANUAL STANDPIPE WITH VALVE.
⟨2⟩	3/4" CW UP TO ROOF HYDRANT.

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RICHARD R. BEARDMORE
PROFESSIONAL ENGINEER
04/28/2023

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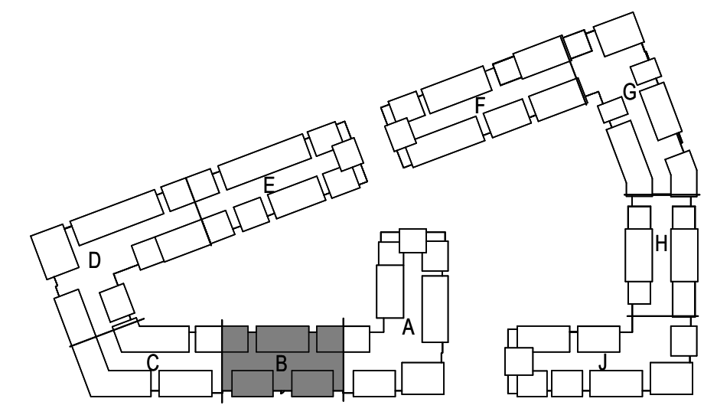

REVISIONS
2 23 0428 ADD 1/CC 2

KEY PLAN

NO SCALE
NORTH

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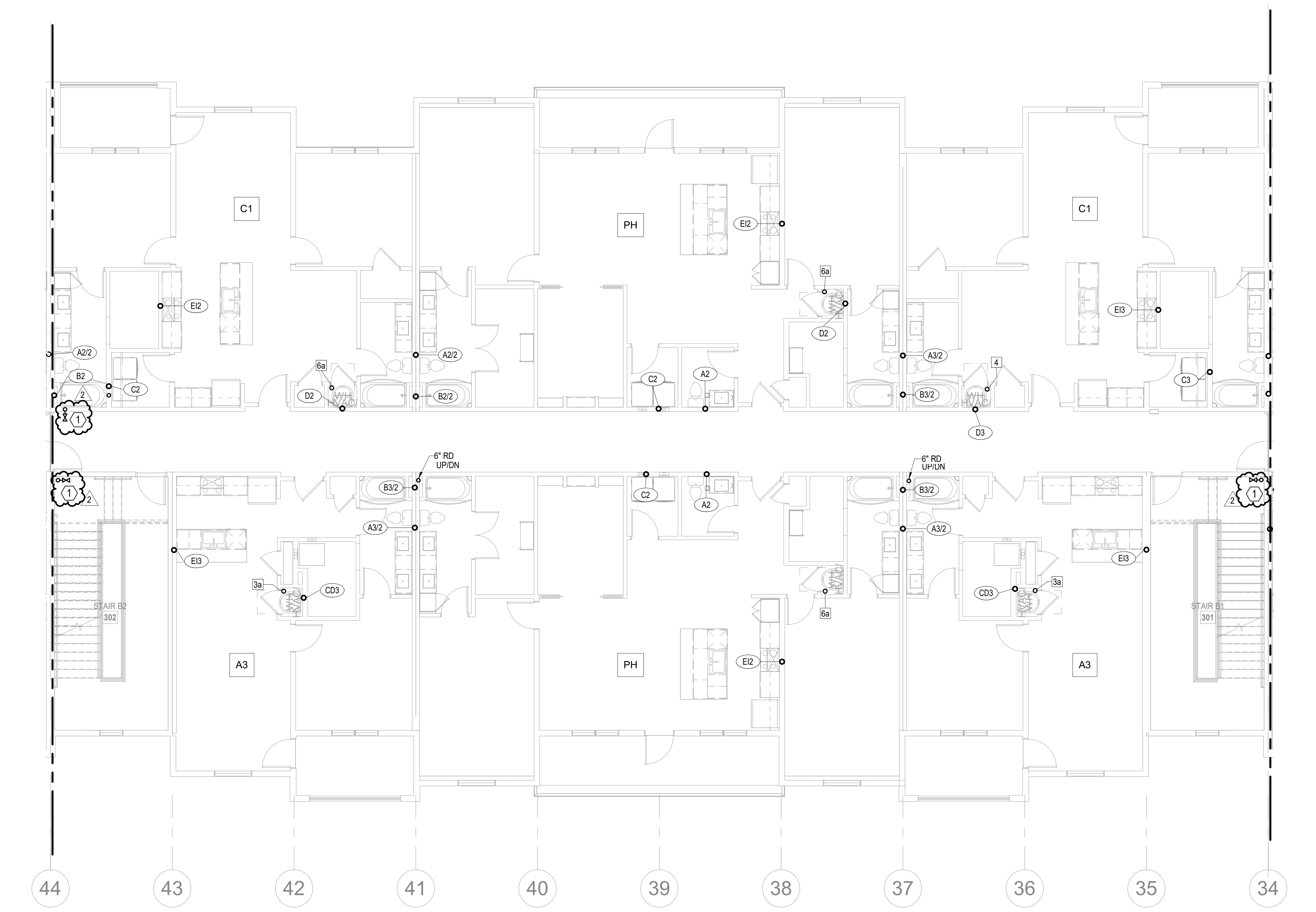
LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT B - 1ST & 2ND FLOOR - PLUMBING
SHEET NO.
P1.06

5/1/2023 3:51:01 PM

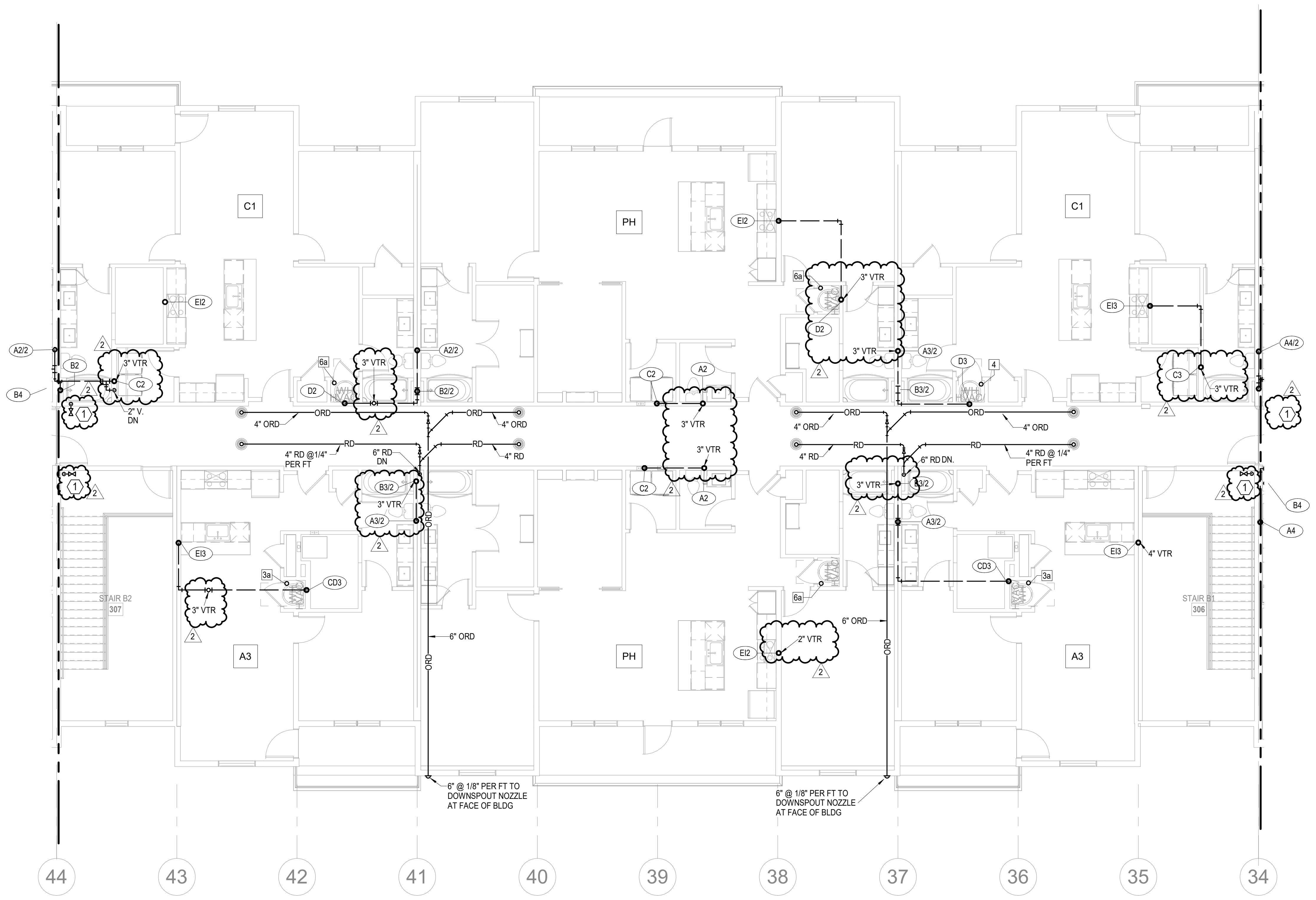
ARCH E1 30" x 42"



1 3RD FLOOR - SEGMENT B

PLUMBING
1/8" = 1'-0"

NORTH



2 4TH FLOOR - SEGMENT B

PLUMBING
1/8" = 1'-0"

NORTH

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2

LEGEND:

- ① CLASS 1MANUAL STANDPIPE WITH VALVE.
- ② 3/4" CW UP TO ROOF HYDRANT.

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RICHARD R. BEARDMORE

04/28/2023

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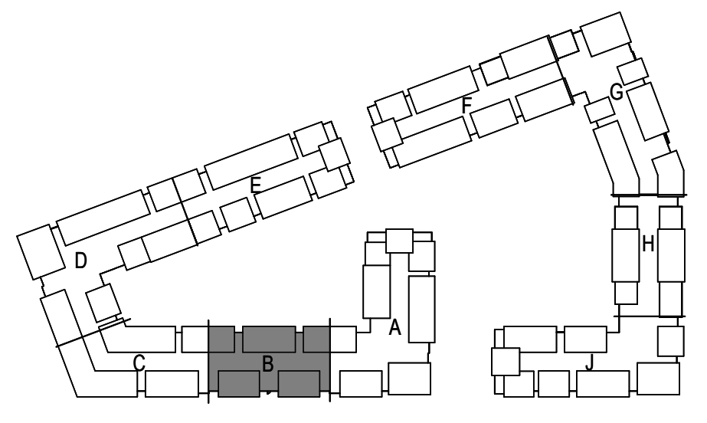

△ REVISIONS

2	23 0428	ADD 1/CC 2

NORTH

KEY PLAN

NO SCALE

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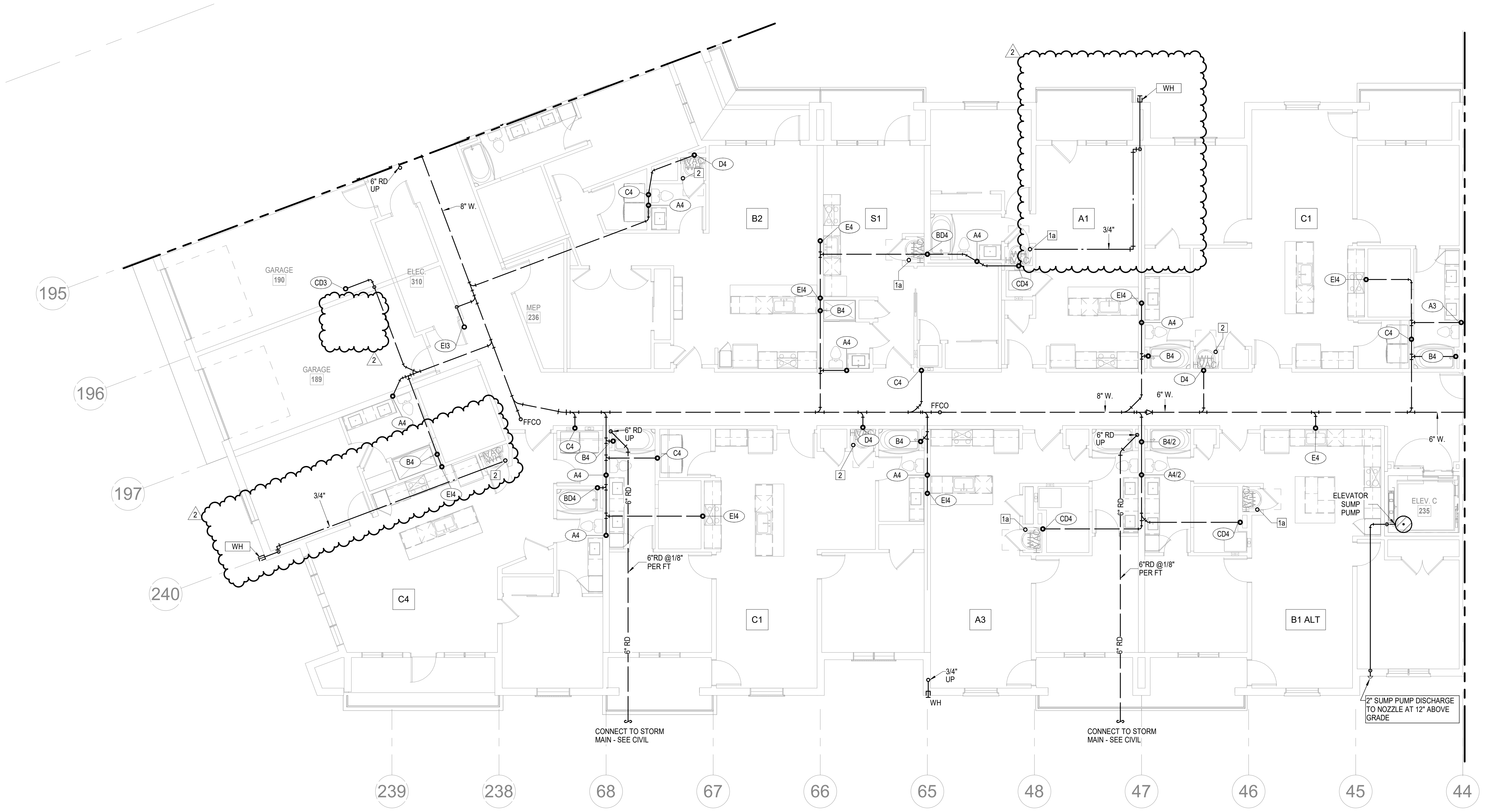
LSA PROJECT NO. 2204061

JOB NO.	DATE
705921	03.15.2023
DRAWN BY	
LSA CAD	
4/28/2023	ADDENDUM 1/ CITY COMMENTS #2

SHEET NAME
SEGMENT B - 3RD & 4TH FLOOR - PLUMBING
SHEET NO.
P1.07

5/1/2023 3:51:04 PM

ARCH E1 30" x 42"



NORTH

1 1ST FLOOR - SEGMENT C

PLUMBING
1/8" = 1'-0"

NOTES:	
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LEGEND:	
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②	3/4" CW UP TO ROOF HYDRANT.

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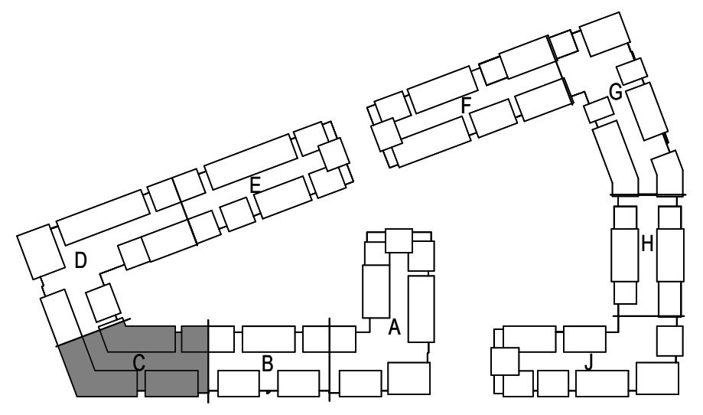

NORTH

KEY PLAN

NO SCALE

REVISIONS

2	23 0428	ADD 1/CC 2

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JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT C - 1ST FLOOR - PLUMBING
SHEET NO.
P1.09

5/1/2023 3:51:07 PM

NOTES:

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2

LEGEND:

- ⟨1⟩ CLASS 1MANUAL STANDPIPE WITH VALVE.
- ⟨2⟩ 3/4" CW UP TO ROOF HYDRANT.

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LANDSCAPE ARCHITECTURE
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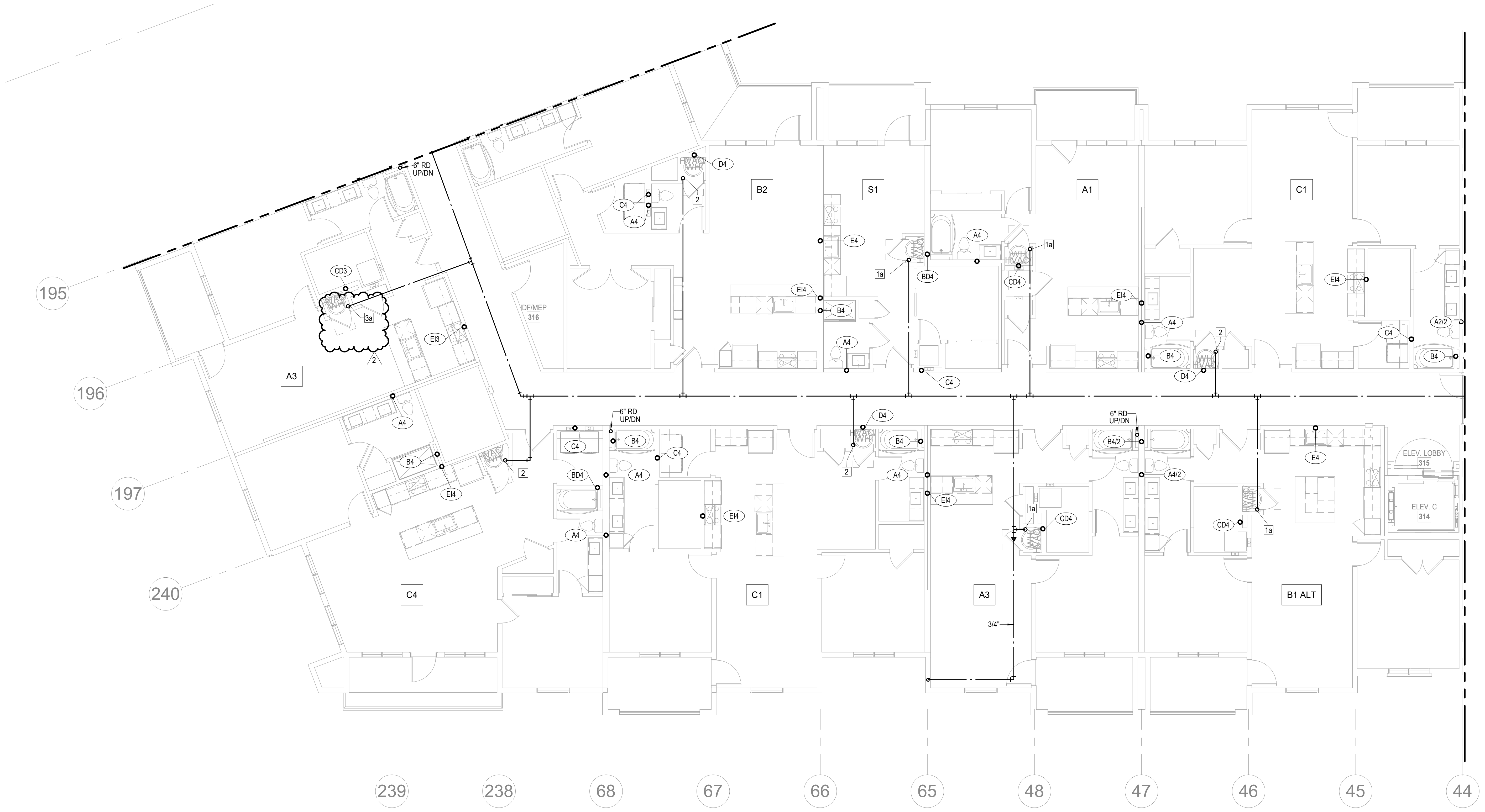
PRAIRIE VILLAGE, KS 66208

RICHARD R. BEARDMORE
04/28/2023



1 2ND FLOOR - SEGMENT C

PLUMBING
1/8" = 1'-0"

NORTH

A NEW RESIDENTIAL COMMUNITY AT:

TRILOGY

800 & 810 NW WARD RD. | LEE'S SUMMIT, MO

DRAWING RELEASE LOG
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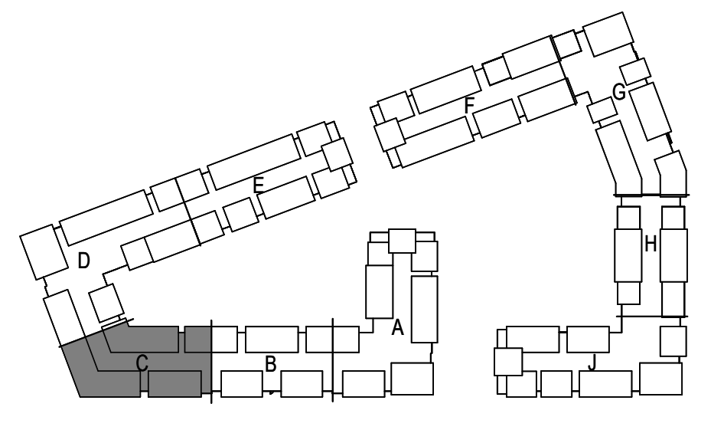

REVISIONS

2 23 0428 ADD 1/CC 2

KEY PLAN

NO SCALE

NORTH

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ARCH E1 30" x 42"

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6. ALL PLUMBING VENTS SHALL BE 10 FEET FROM OPENINGS OR INTAKES.
7. THERE SHALL BE NO PVC WITHIN RETURN AIR PLENUMS.
8. ALL FIXTURES SHALL HAVE EXPANSION COMPENSATOR OR BLADDER TYPE SHOCK SUPPRESSORS FOR EACH CHASE. 2
9. SEE THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS.
10. REFER TO THE ARCHITECTURAL DRAWINGS FOR FLOOR DRAIN LOCATIONS AND FLOOR SLOPES IF PRESENT. ALL FLOOR DRAINS ARE 2" TYPE 1 UNLESS NOTED OTHERWISE.
11. ROUTE DRAIN PIPING FROM WATER HEATERS, AIR HANDLERS OR EQUIPMENT TO FLOOR DRAINS. PROVIDE PROPER TRAPS.
12. ROUTE NO PIPING OVER ELECTRICAL EQUIPMENT.
13. FIRE SPRINKLER SHALL BE PROVIDED FOR ALL AREAS OF THE BUILDING PER NFPA. THIS INCLUDES A PROTECTED OR DRY SYSTEM FOR ANY UNHEATED AREAS. NO PIPE SHALL BE EXPOSED TO FREEZING TEMPERATURES.

2

LEGEND:

⟨1⟩ CLASS 1MANUAL STANDPIPE WITH VALVE.
⟨2⟩ 3/4" CW UP TO ROOF HYDRANT.

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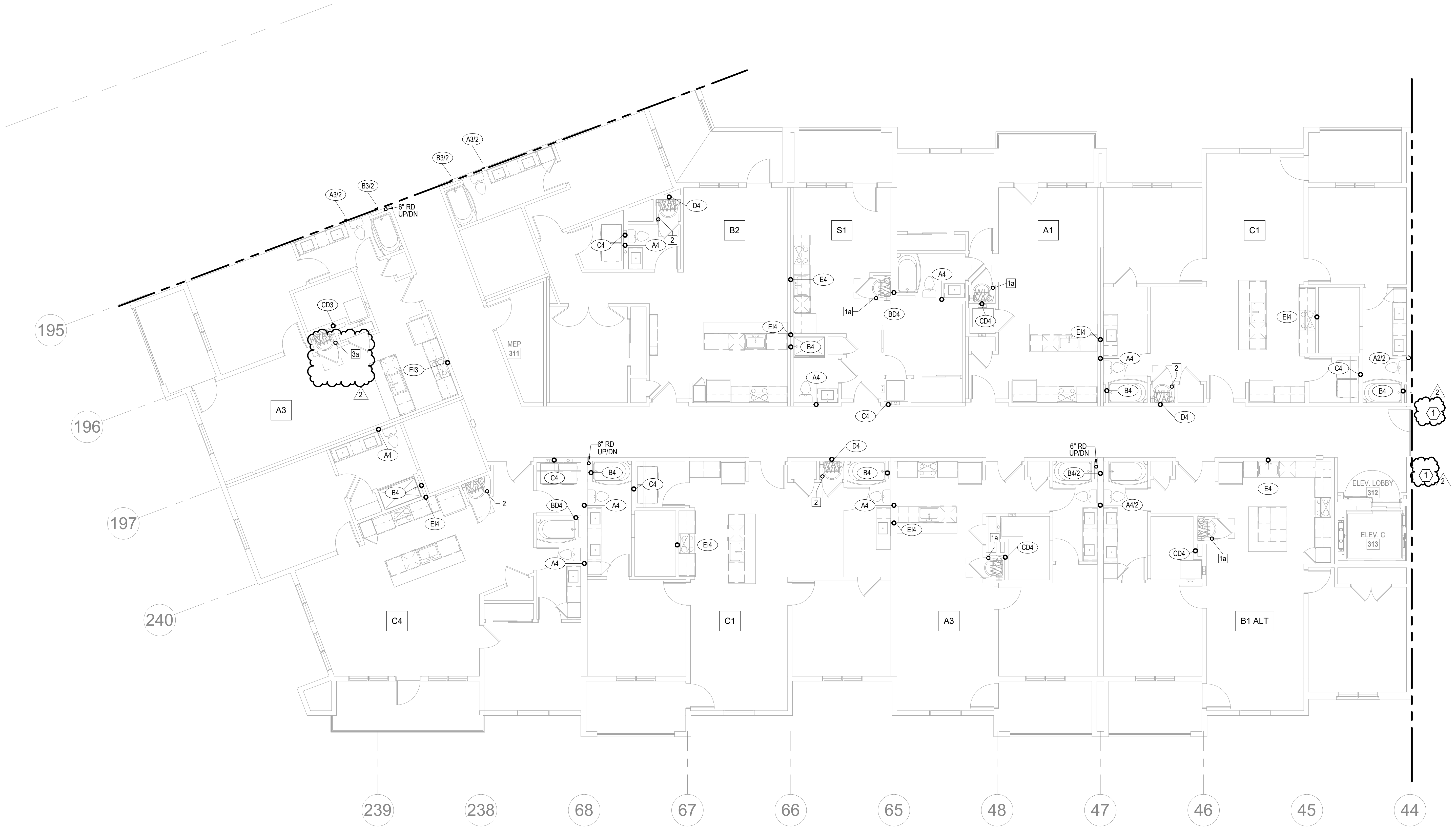
04/28/2023



NORTH

① 3RD FLOOR - SEGMENT C

PLUMBING
1/8" = 1'-0"

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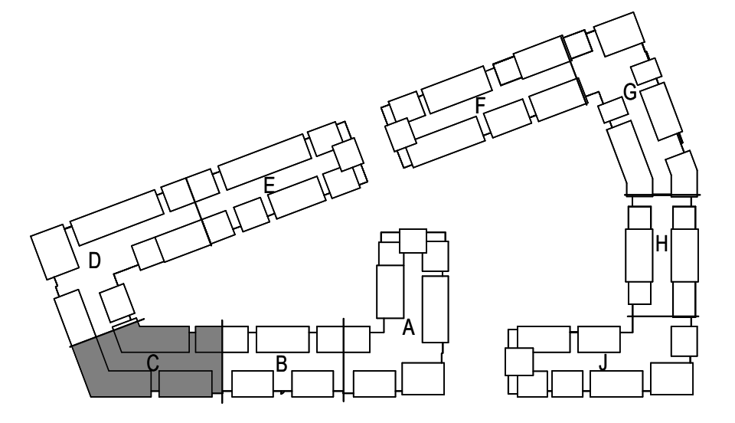

△REVISIONS
2 23 0428 ADD 1/CC 2

NORTH

KEY PLAN

NO SCALE

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Email: lsapa@lsapa.com
LSA PROJECT NO. 2204061

JOB NO.	DATE
705921	03.15.2023

DRAWN BY
LSA CAD

4/28/2023 ADDENDUM 1/ CITY COMMENTS #2

SHEET NAME
SEGMENT C - 3RD FLOOR - PLUMBING

SHEET NO.
P1.11

5/1/2023 3:51:12 PM

ARCH E1 30" x 42"

NOTES:

1. COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
2. ALL DRAIN, WASTE AND VENT PIPING IS 2" UNLESS NOTED OTHERWISE. ALL 2" AND 3" WASTE SLOPE AT ¼" PER FT. PIPING 4" AND GREATER MAY BE AT 1/8" PER FT UNLESS NOTED OTHERWISE.
3. ANY BELOW SLAB SUPPLY PIPING SHALL BE PEX WITH NO JOINTS.
4. ALL SUPPLY PIPING IS ½" UNLESS NOTED OTHERWISE OR REQUIRED BY THE PLUMBING CODE.
5. CONNECT ALL APPLIANCES OR EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.
6. ALL PLUMBING VENTS SHALL BE 10 FEET FROM OPENINGS OR INTAKES.
7. THERE SHALL BE NO PVC WITHIN RETURN AIR PLENUMS.
8. ALL FIXTURES SHALL HAVE EXPANSION COMPENSATOR OR BLADDER TYPE SHOCK SUPPRESSORS FOR EACH CHASE. (2)
9. SEE THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS.
10. REFER TO THE ARCHITECTURAL DRAWINGS FOR FLOOR DRAIN LOCATIONS AND FLOOR SLOPES IF PRESENT. ALL FLOOR DRAINS ARE 2" TYPE 1 UNLESS NOTED OTHERWISE.
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13. FIRE SPRINKLER SHALL BE PROVIDED FOR ALL AREAS OF THE BUILDING PER NFPA. THIS INCLUDES A PROTECTED OR DRY SYSTEM FOR ANY UNHEATED AREAS. NO PIPE SHALL BE EXPOSED TO FREEZING TEMPERATURES.

LEGEND: (2)

⟨1⟩	CLASS 1MANUAL STANDPIPE WITH VALVE.
⟨2⟩	3/4" CW UP TO ROOF HYDRANT.

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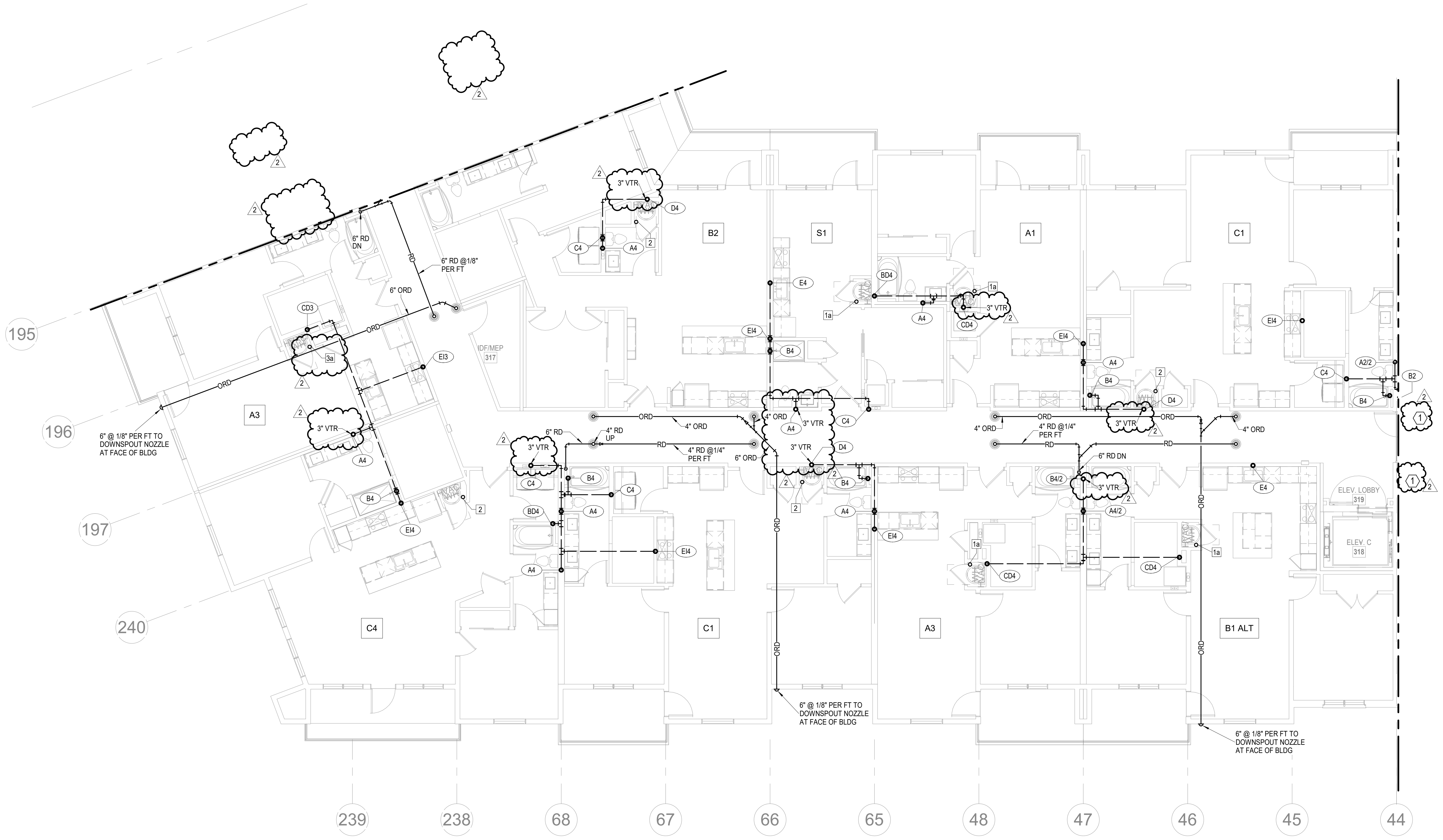

1 4TH FLOOR - SEGMENT C

PLUMBING
1/8" = 1'-0"

NORTH

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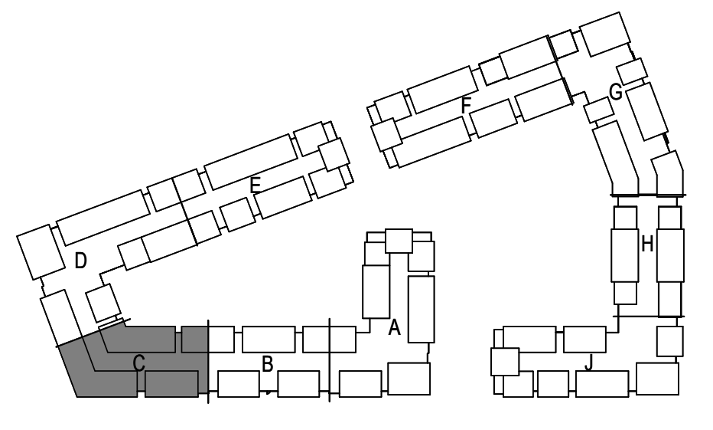

REVISIONS

2	23 0428	ADD 1/CC 2

KEY PLAN

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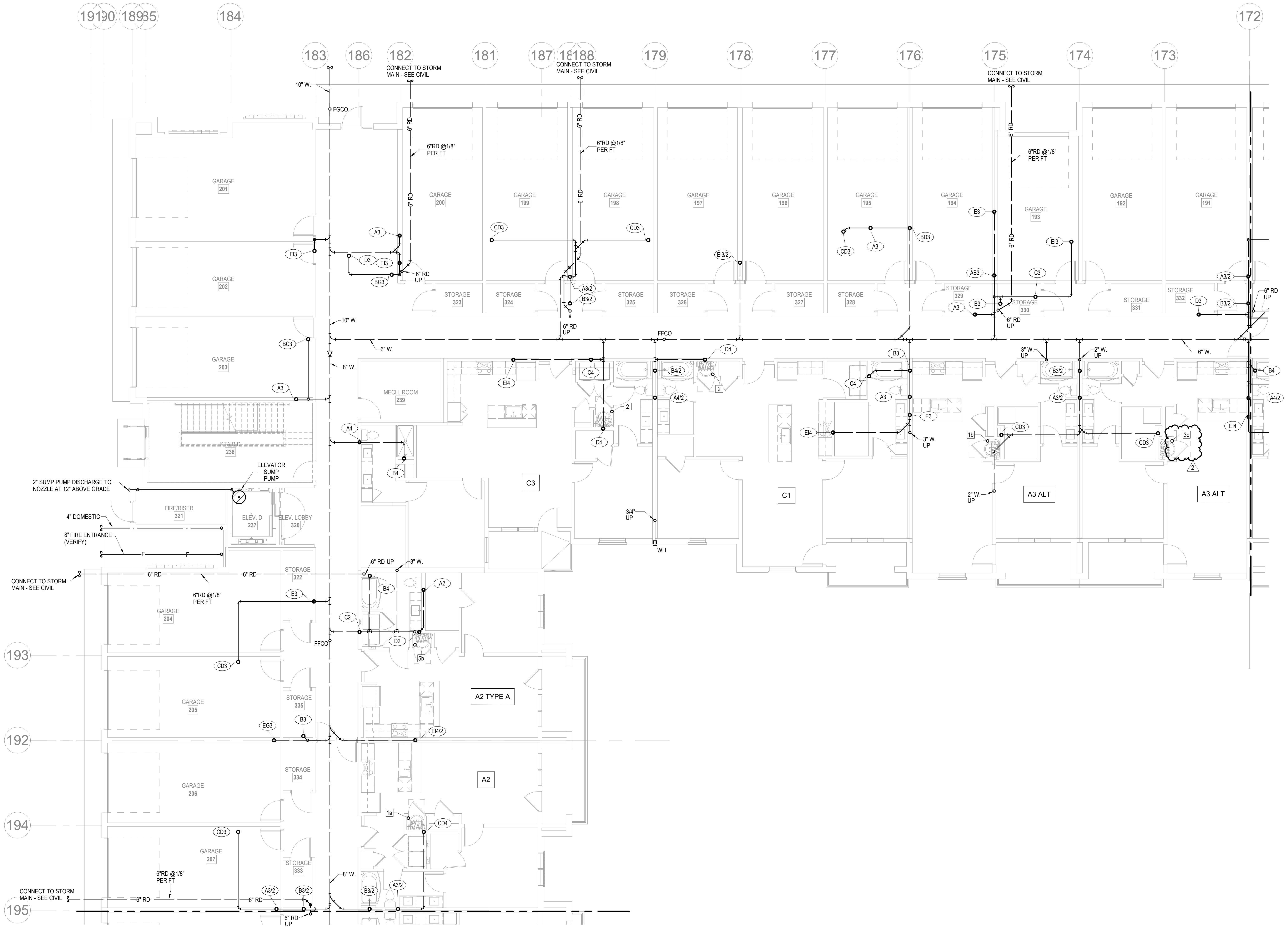
LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT C - 4TH FLOOR - PLUMBING
SHEET NO.

P1.12

5/1/2023 3:51:15 PM

ARCH E1 30" x 42"



NORTH

1 1ST FLOOR - SEGMENT D

PLUMBING
1/8" = 1'-0"

NOTES:

1. COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
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13. FIRE SPRINKLER SHALL BE PROVIDED FOR ALL AREAS OF THE BUILDING PER NFPA. THIS INCLUDES A PROTECTED OR DRY SYSTEM FOR ANY UNHEATED AREAS. NO PIPE SHALL BE EXPOSED TO FREEZING TEMPERATURES.

LEGEND:

- ⟨1⟩ CLASS 1MANUAL STANDPIPE WITH VALVE.
- ⟨2⟩ 3/4" CW UP TO ROOF HYDRANT.

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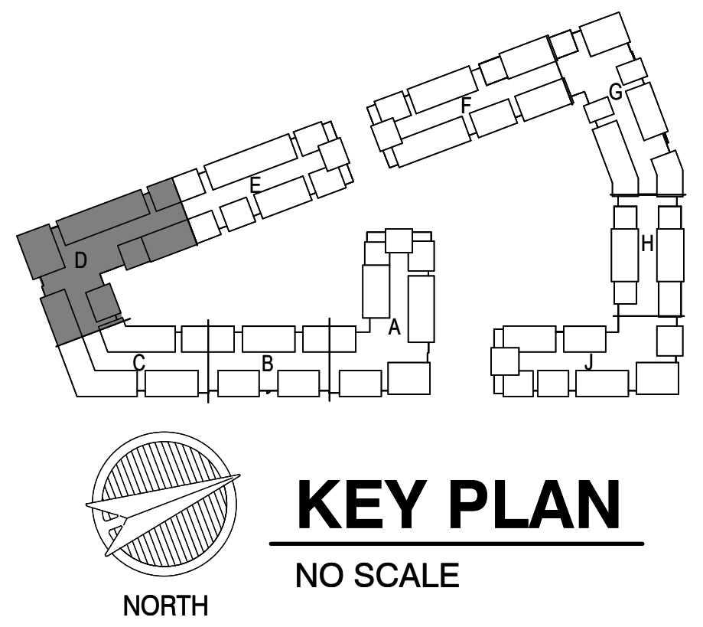

KEY PLAN
NO SCALE

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JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME SEGMENT D - 1ST FLOOR - PLUMBING
SHEET NO. P1.14

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LSA PROJECT NO. 2204061

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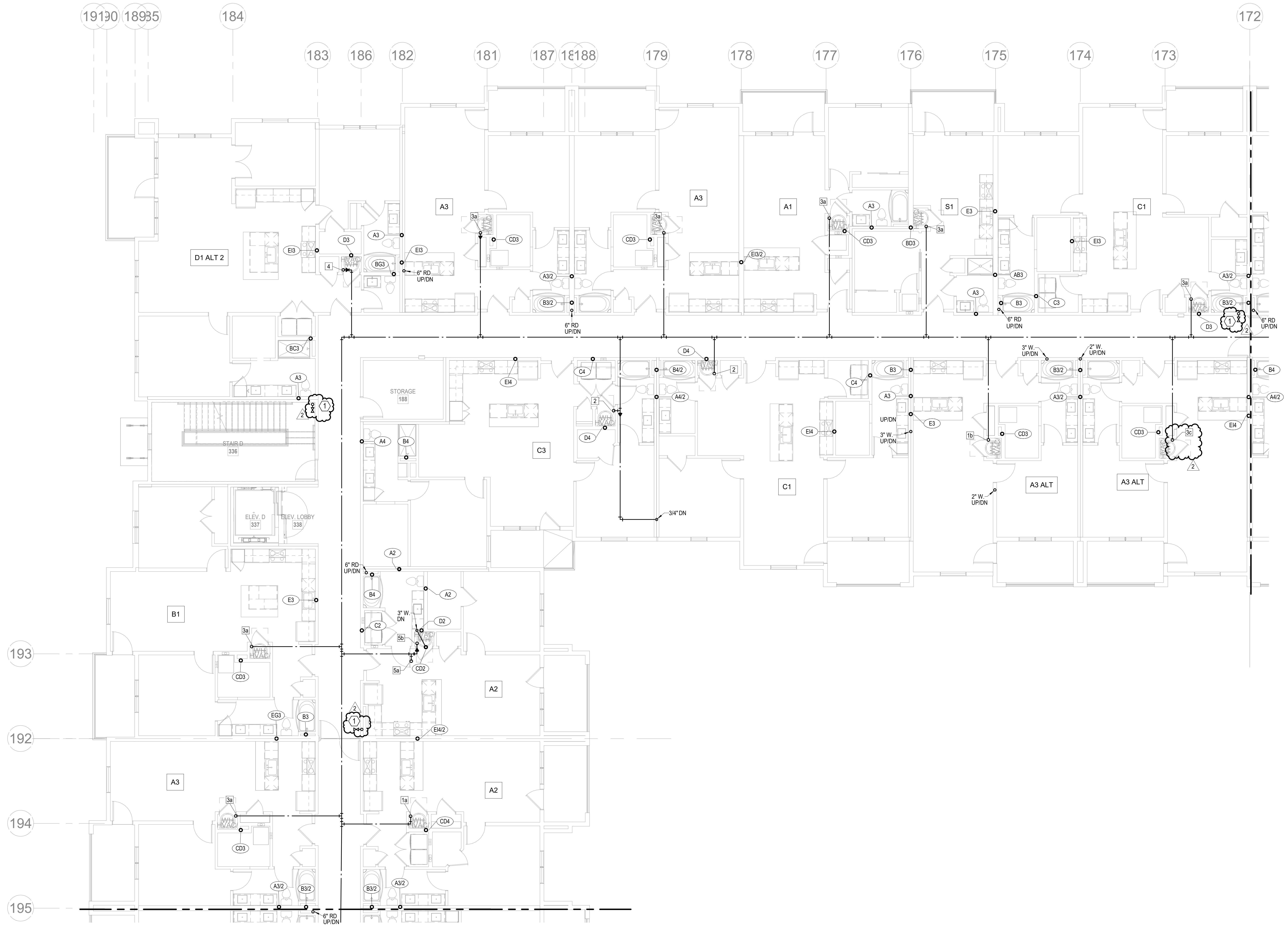
ARCH E1 30" x 42"



2ND FLOOR - SEGMENT D

PLUMBING
1/8" = 1'-0"

NORTH

NOTES:	
1.	COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
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4.	ALL SUPPLY PIPING IS ½" UNLESS NOTED OTHERWISE OR REQUIRED BY THE PLUMBING CODE.
5.	CONNECT ALL APPLIANCES OR EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.
6.	ALL PLUMBING VENTS SHALL BE 10 FEET FROM OPENINGS OR INTAKES.
7.	THERE SHALL BE NO PVC WITHIN RETURN AIR PLENUMS.
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LEGEND:	
①	CLASS 1MANUAL STANDPIPE WITH VALVE.
②	3/4" CW UP TO ROOF HYDRANT.

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STATE OF MISSOURI
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PROFESSIONAL ENGINEER

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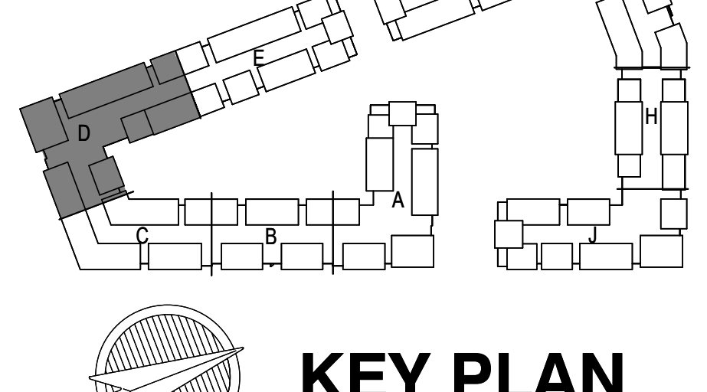

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KEY PLAN

NO SCALE

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2	23 0428	ADD 1/CC 2

JOB NO. 705921
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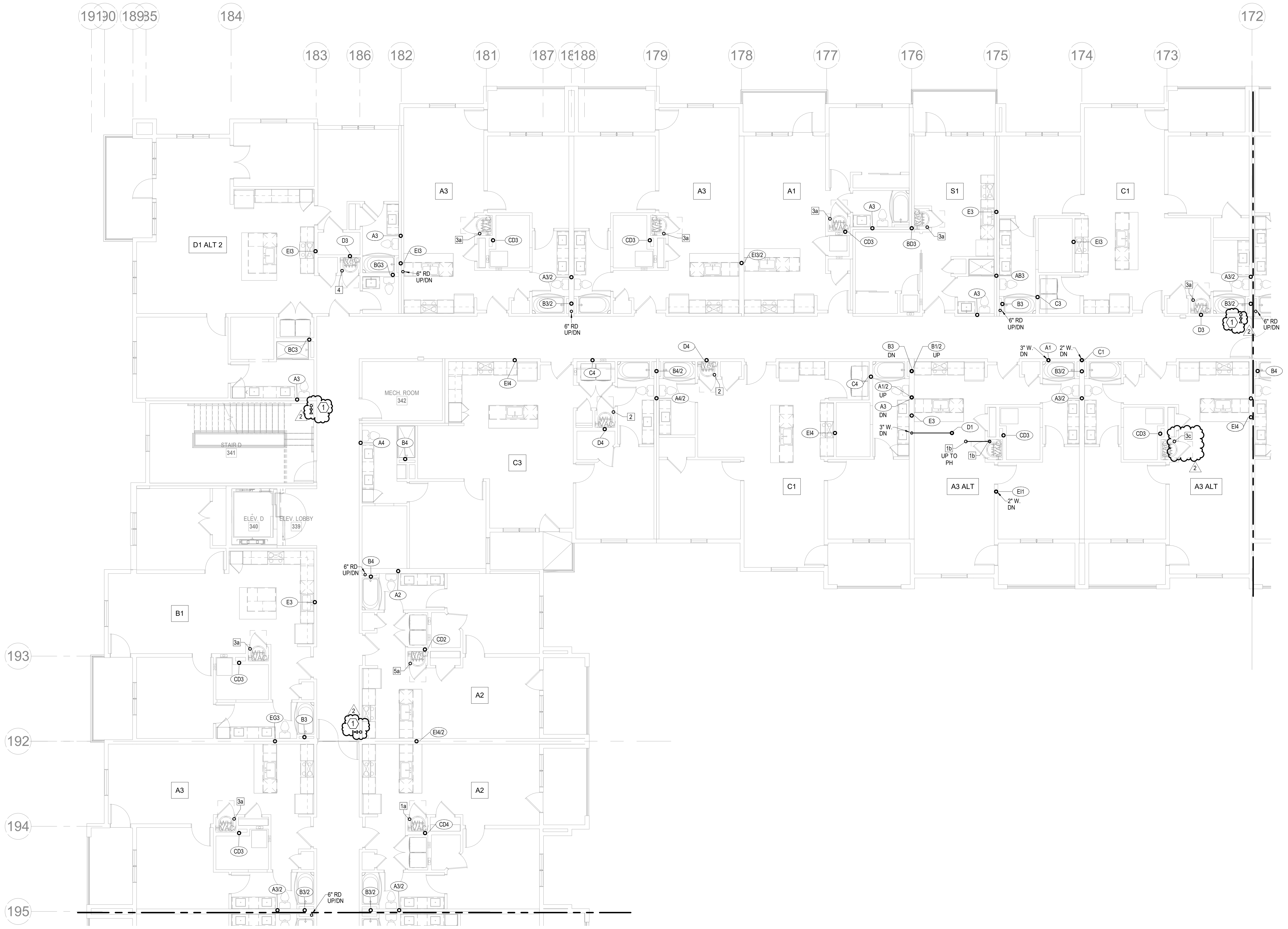
LSA PROJECT NO. 2204061

SHEET NAME
SEGMENT D - 2ND FLOOR - PLUMBING
SHEET NO.
P1.15

5/1/2023 3:51:21 PM

ARCH E1 30" x 42"



3RD FLOOR - SEGMENT D

① PLUMBING

1/8" = 1'-0"

NORTH

NOTES:

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LEGEND:

1	CLASS 1MANUAL STANDPIPE WITH VALVE.
2	3/4" CW UP TO ROOF HYDRANT.

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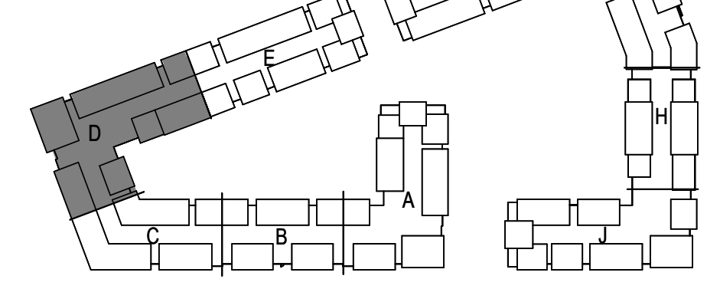

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KEY PLAN

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LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
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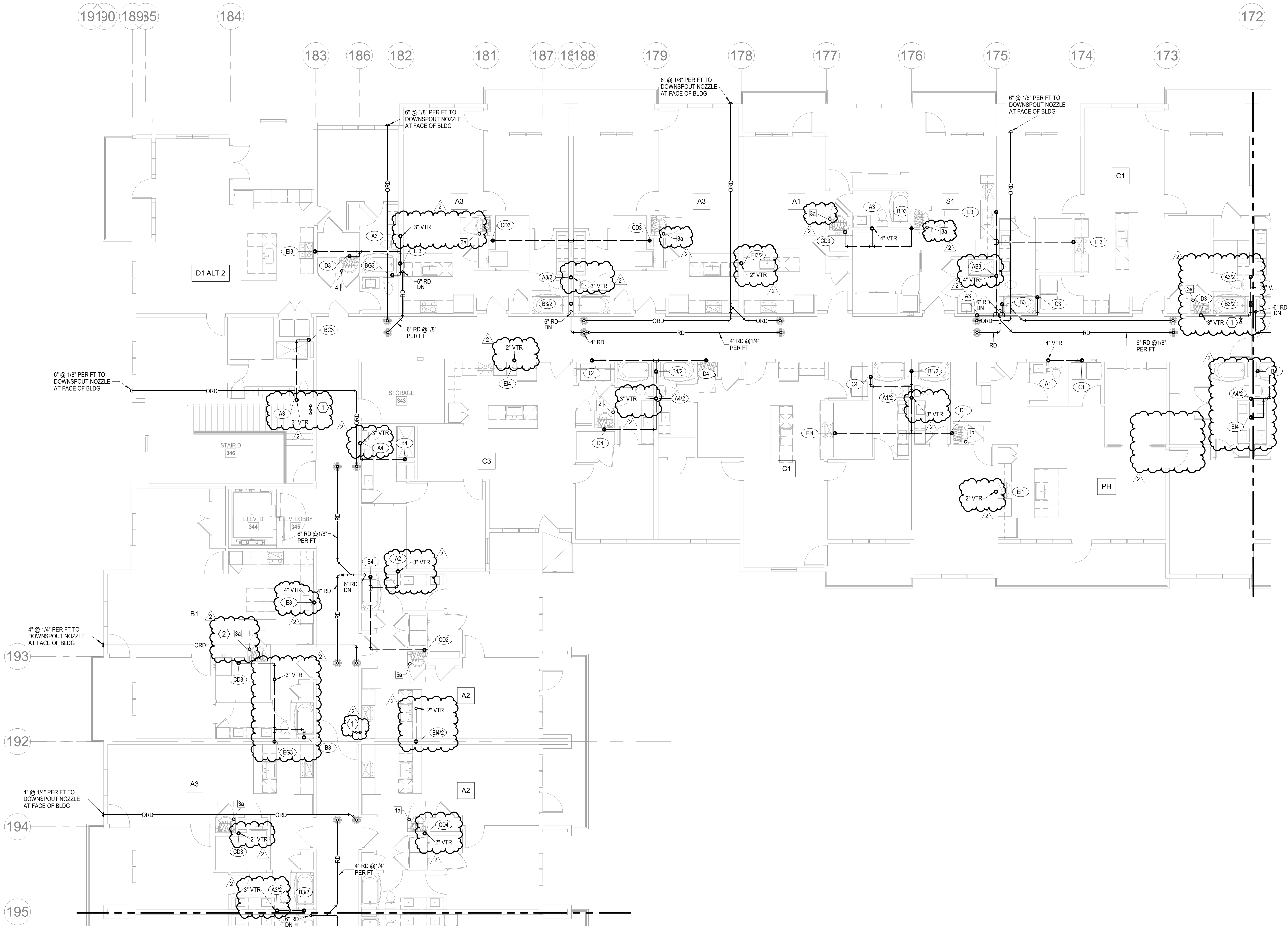
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME SEGMENT D - 3RD FLOOR - PLUMBING
SHEET NO.

P1.16

5/1/2023 3:51:24 PM

ARCH E1 30" x 42"



4TH FLOOR - SEGMENT D

PLUMBING
1/8" = 1'-0"

NORTH

NOTES:

1. COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
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7. THERE SHALL BE NO PVC WITHIN RETURN AIR PLENUMS.
8. ALL FIXTURES SHALL HAVE EXPANSION COMPENSATOR OR BLADDER TYPE SHOCK SUPPRESSORS FOR EACH CHASE. △2
9. SEE THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS.
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△2

LEGEND:

- ⟨1⟩ CLASS 1MANUAL STANDPIPE WITH VALVE.
- ⟨2⟩ 3/4" CW UP TO ROOF HYDRANT.

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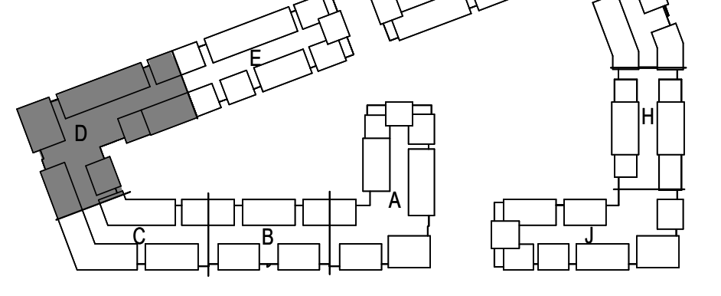

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NORTH

KEY PLAN

NO SCALE

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME SEGMENT D - 4TH FLOOR - PLUMBING
SHEET NO. P1.17

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Email: lsapa@lsapa.com
LSA PROJECT NO. 2204061

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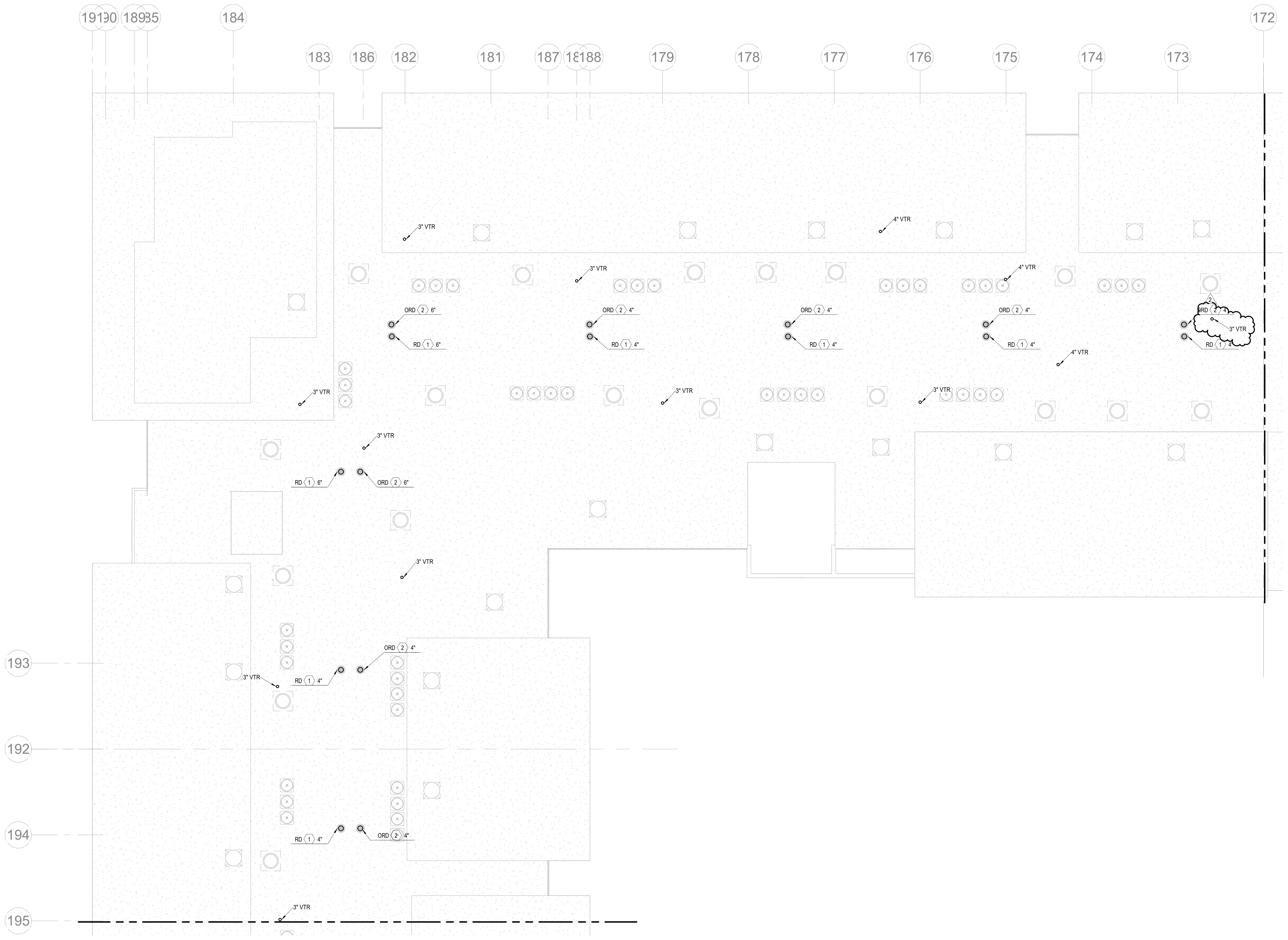
ARCH E1 30" x 42"

5/1/2023 3:51:30 PM



NORTH

1 ROOF PLAN - SEGMENT D

PLUMBING
1/8" = 1'-0"

NOTES:

1. COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
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LEGEND:

- ⟨1⟩ CLASS 1MANUAL STANDPIPE WITH VALVE.
- ⟨2⟩ 3/4" CW UP TO ROOF HYDRANT.

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04/28/2023

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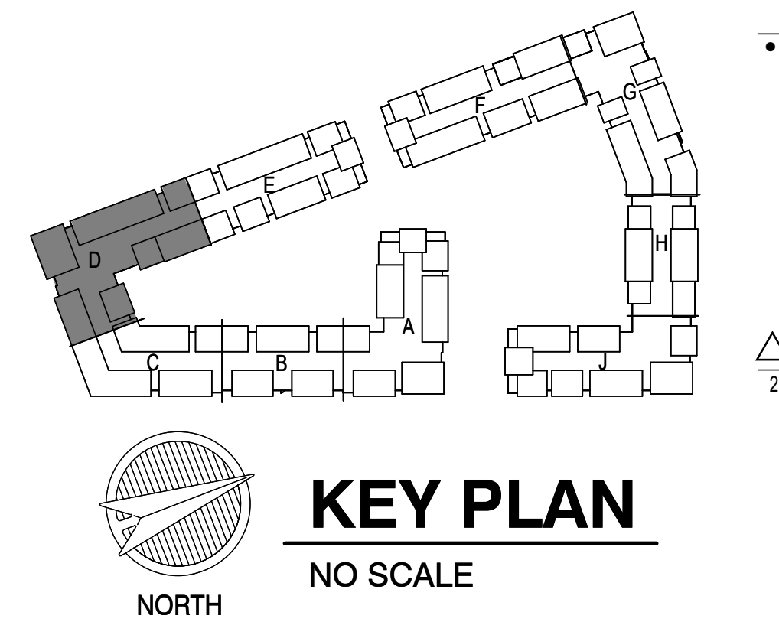

KEY PLAN

NO SCALE

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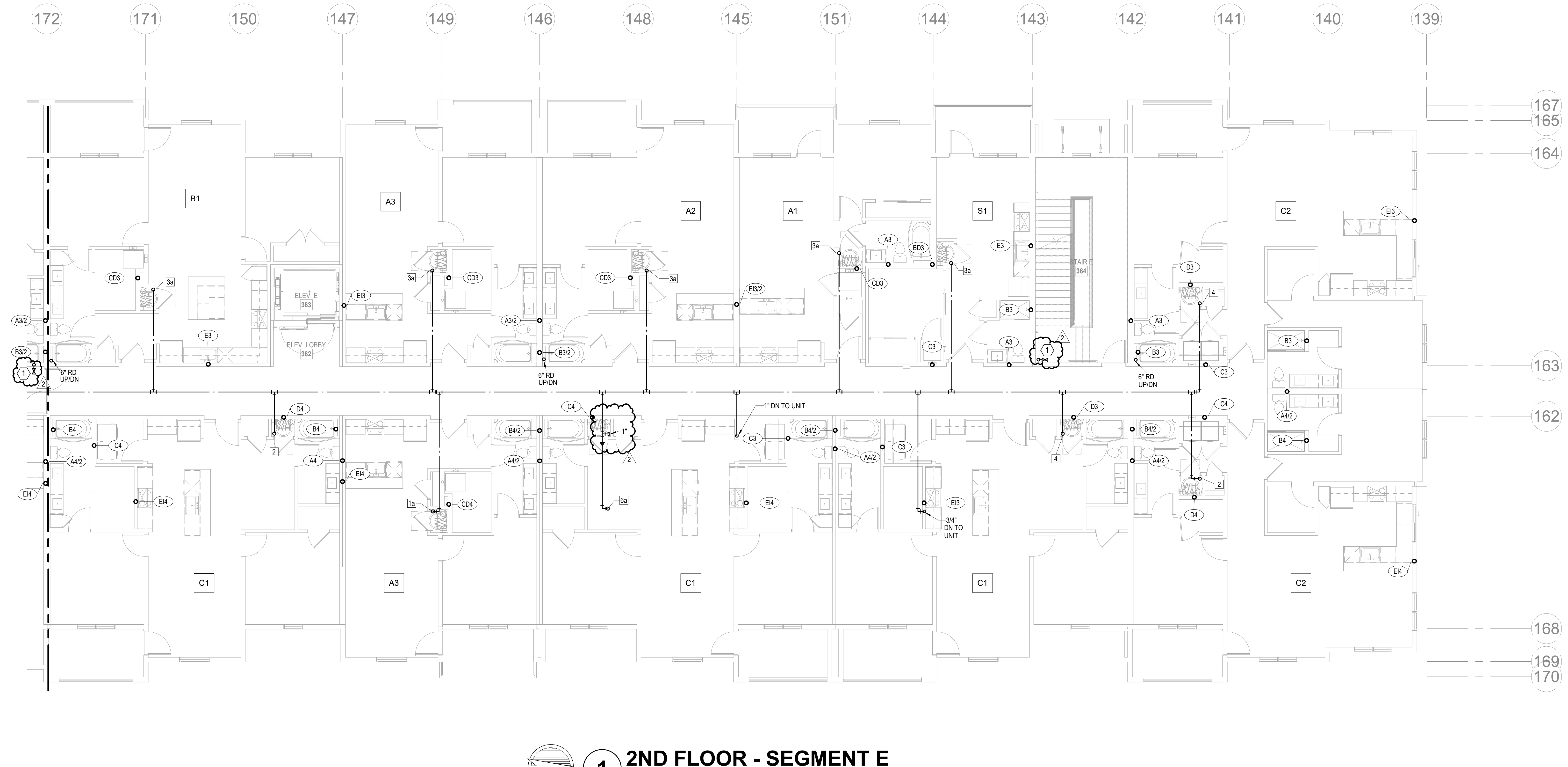
JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME SEGMENT D - ROOF PLAN - PLUMBING
SHEET NO. P1.18

ARCH E1 30" x 42"



2ND FLOOR - SEGMENT E

1

PLUMBING
1/8" = 1'-0"

NORTH

NOTES:	
1.	COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
2.	ALL DRAIN, WASTE AND VENT PIPING IS 2" UNLESS NOTED OTHERWISE. ALL 2" AND 3" WASTE SLOPE AT ¼" PER FT. PIPING 4" AND GREATER MAY BE AT 1/8" PER FT UNLESS NOTED OTHERWISE.
3.	ANY BELOW SLAB SUPPLY PIPING SHALL BE PEX WITH NO JOINTS.
4.	ALL SUPPLY PIPING IS ½" UNLESS NOTED OTHERWISE OR REQUIRED BY THE PLUMBING CODE.
5.	CONNECT ALL APPLIANCES OR EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.
6.	ALL PLUMBING VENTS SHALL BE 10 FEET FROM OPENINGS OR INTAKES.
7.	THERE SHALL BE NO PVC WITHIN RETURN AIR PLENUMS.
8.	ALL FIXTURES SHALL HAVE EXPANSION COMPENSATOR OR BLADDER TYPE SHOCK SUPPRESSORS FOR EACH CHASE.
9.	SEE THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS.
10.	REFER TO THE ARCHITECTURAL DRAWINGS FOR FLOOR DRAIN LOCATIONS AND FLOOR SLOPES IF PRESENT. ALL FLOOR DRAINS ARE 2" TYPE 1 UNLESS NOTED OTHERWISE.
11.	ROUTE DRAIN PIPING FROM WATER HEATERS, AIR HANDLERS OR EQUIPMENT TO FLOOR DRAINS. PROVIDE PROPER TRAPS.
12.	ROUTE NO PIPING OVER ELECTRICAL EQUIPMENT.
13.	FIRE SPRINKLER SHALL BE PROVIDED FOR ALL AREAS OF THE BUILDING PER NFPA. THIS INCLUDES A PROTECTED OR DRY SYSTEM FOR ANY UNHEATED AREAS. NO PIPE SHALL BE EXPOSED TO FREEZING TEMPERATURES.

2

LEGEND:	
⟨1⟩	CLASS 1MANUAL STANDPIPE WITH VALVE.
⟨2⟩	3/4" CW UP TO ROOF HYDRANT.

2

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PRAIRIE VILLAGE, KS 66208

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RICHARD R. BEARDMORE

04/28/2023

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TRILOGY

800 & 810 NW WARD RD. | LEE'S SUMMIT, MO

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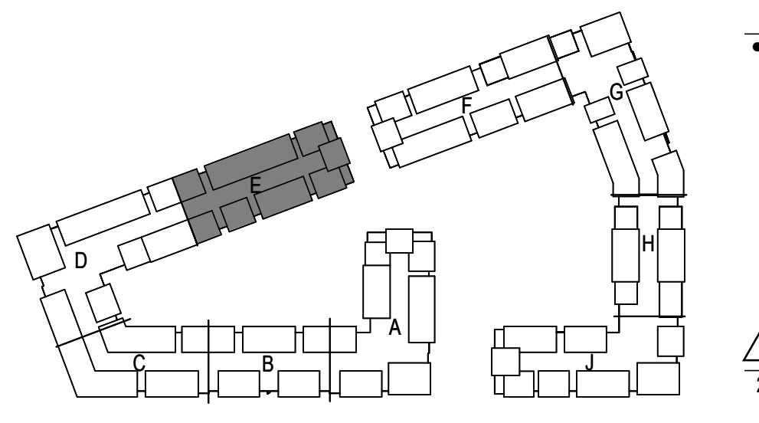
- 03.15.2023 - PERMIT SUBMITTAL



△REVISIONS

2 23 0428 ADD 1/CC 2

NORTH

KEY PLAN

NO SCALE

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD

4/28/2023 ADDENDUM 1/
CITY COMMENTS #2

SHEET NAME
SEGMENT E - 2ND FLOOR - PLUMBING

SHEET NO.
P1.20

LS&A
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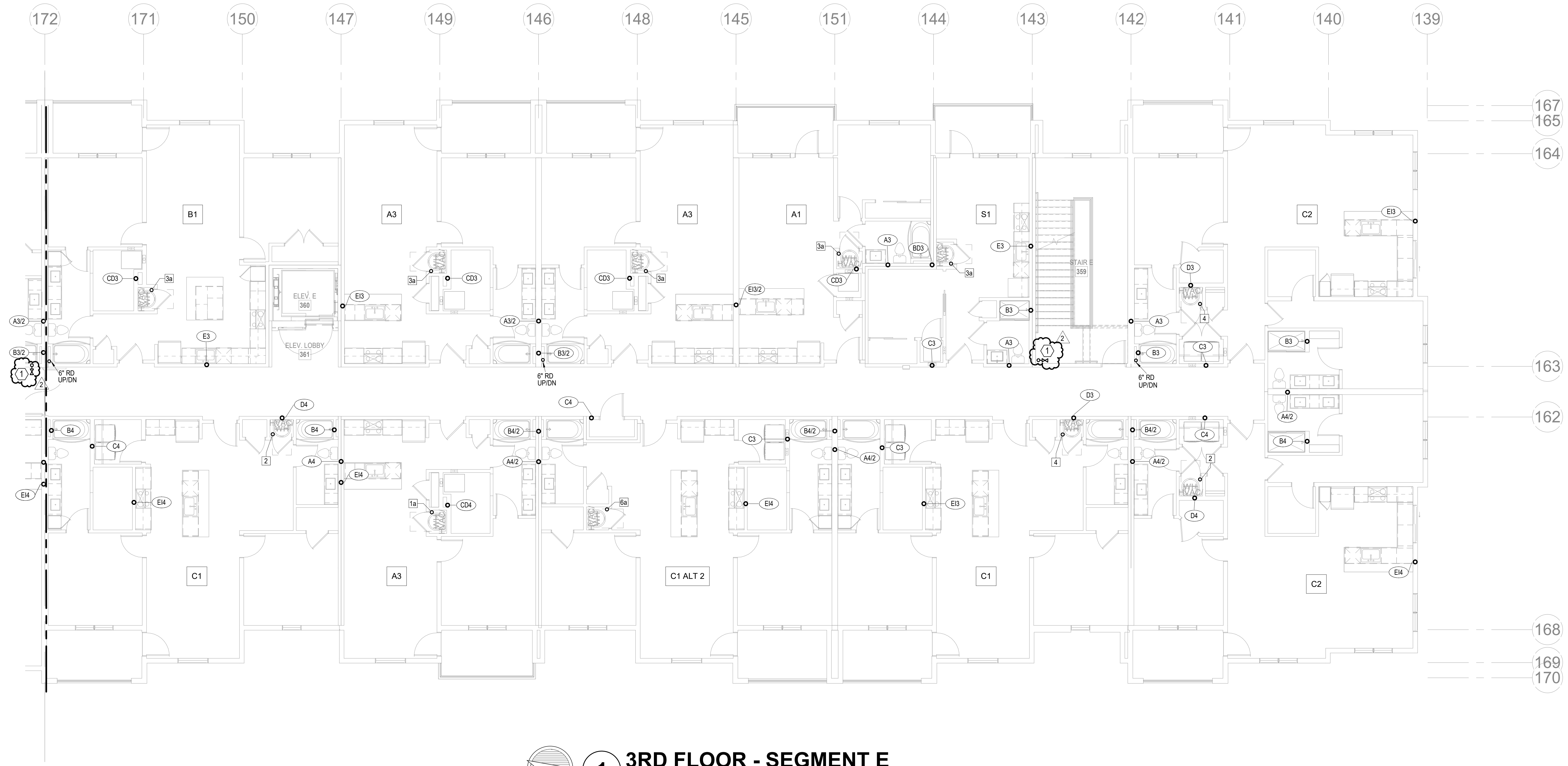
8625 College Boulevard, Suite 102
Overland Park, Kansas 66210
Telephone: (785) 233-3232
Email: lsapa@lsapa.com
LSA PROJECT NO. 2204061

5/1/2023 3:51:32 PM

NOTES:

1. COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
2. SEE FIRE SUPPRESSION SUBMITTALS AND INCORPORATE ALL DEVICES INTO FIRE ALARM.
3. EXIT LIGHTS SHALL BE VISIBLE TO OCCUPANTS.
4. PROVIDE NEC CLEARANCES FOR ALL PANELS AND ELECTRICAL EQUIPMENT.
5. FOLLOW THE DRAWINGS FOR HOME RUNS AND CIRCUIT NUMBERS. DO NOT COMBINE CIRCUITS IN LARGER CONDUITS UNLESS PRE-APPROVED BY THE ENGINEER.
6. LABEL ALL JUNCTION BOXES AS TO THE PANEL AND CIRCUIT NUMBER SERVED.
7. PANEL DIRECTORIES SHALL BE SPECIFIC TO THE ROOMS/EQUIPMENT SERVED.
8. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS AND DETAILS.
9. SEE TELECOM DETAILS FOR MISCELLANEOUS POWER NEEDS.
10. ALL DISC FIXTURES ARE TYPE A UNLESS NOTED OTHERWISE
    ALL CLOSET FIXTURES ARE TYPE N UNLESS NOTED OTHERWISE
    ALL ⊗ ⊗ ⊗ FIXTURES ARE TYPE X1 UNLESS NOTED OTHERWISE
    ALL ⊗ FIXTURES ARE TYPE X2 UNLESS NOTED OTHERWISE
    ALL ▽▽ FIXTURES ARE TYPE X3 UNLESS NOTED OTHERWISE
    ALL ▽ FIXTURES ARE TYPE X4 UNLESS NOTED OTHERWISE
11. LIGHTING AND RECEPTACLES IN STAIR TOWER TO BE ON SINGLE CIRCUIT.
12. VERTICALLY ALIGNED FLOOR TO FLOOR RECEPTACLES TO BE ON SINGLE CIRCUIT
13. REVIEW HVAC PLANS FOR FIRE/SMOKE DAMPERS AND CONNECT TO 120V AND FIRE ALARM.



3RD FLOOR - SEGMENT E

PLUMBING
1/8" = 1'-0"

NORTH

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STATE OF MISSOURI
RICHARD R. BEARDMORE
PROFESSIONAL ENGINEER

04/28/2023

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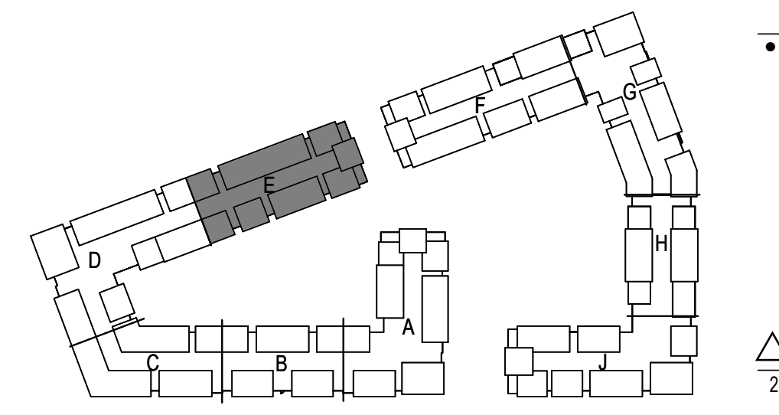

KEY PLAN

NO SCALE

NORTH

△REVISIONS

2 23 0428 ADD 1/CC 2

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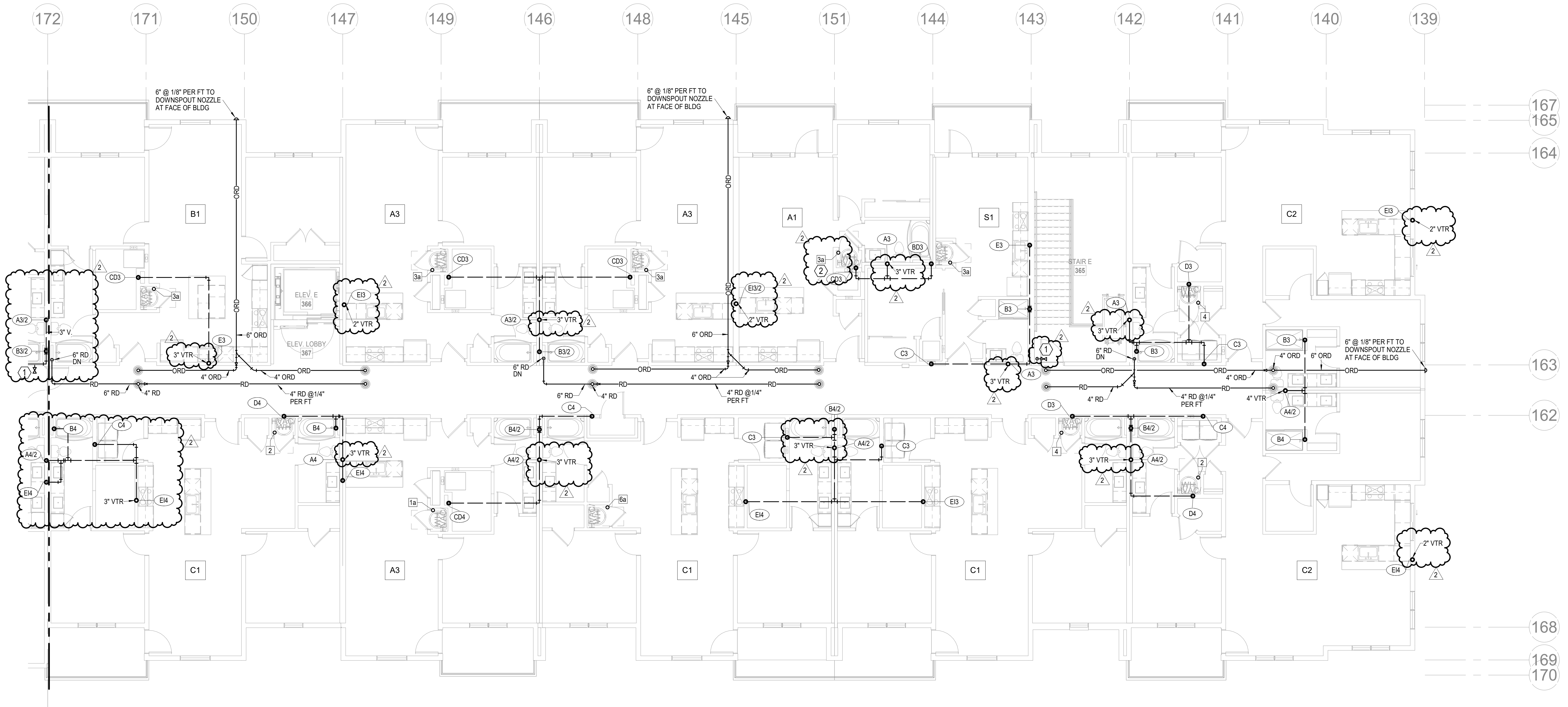
LSA PROJECT NO. 2204061

JOB NO.
705921
DATE
03.15.2023
DRAWN BY
LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT E - 3RD FLOOR - PLUMBING
SHEET NO.
P1.21



4TH FLOOR - SEGMENT E

PLUMBING
1/8" = 1'-0"

NORTH

NOTES:

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2

LEGEND:

① CLASS 1MANUAL STANDPIPE WITH VALVE.
② 3/4" CW UP TO ROOF HYDRANT.

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04/28/2023

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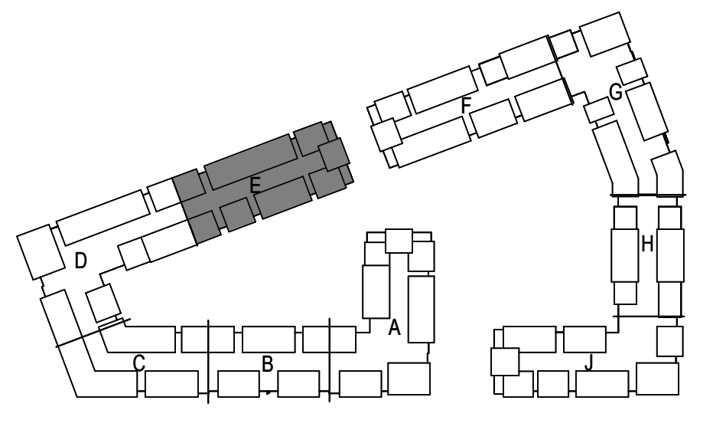

△REVISIONS

2 23 0428 ADD 1/CC 2

KEY PLAN

NO SCALE

NORTH

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LSA PROJECT NO. 2204061

JOB NO.	DATE
705921	03.15.2023

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4/28/2023 ADDENDUM 1/
CITY COMMENTS #2

SHEET NAME
SEGMENT E - 4TH FLOOR - PLUMBING

SHEET NO.
P1.22

ARCH E1 30" x 42"

NOTES:

1. COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
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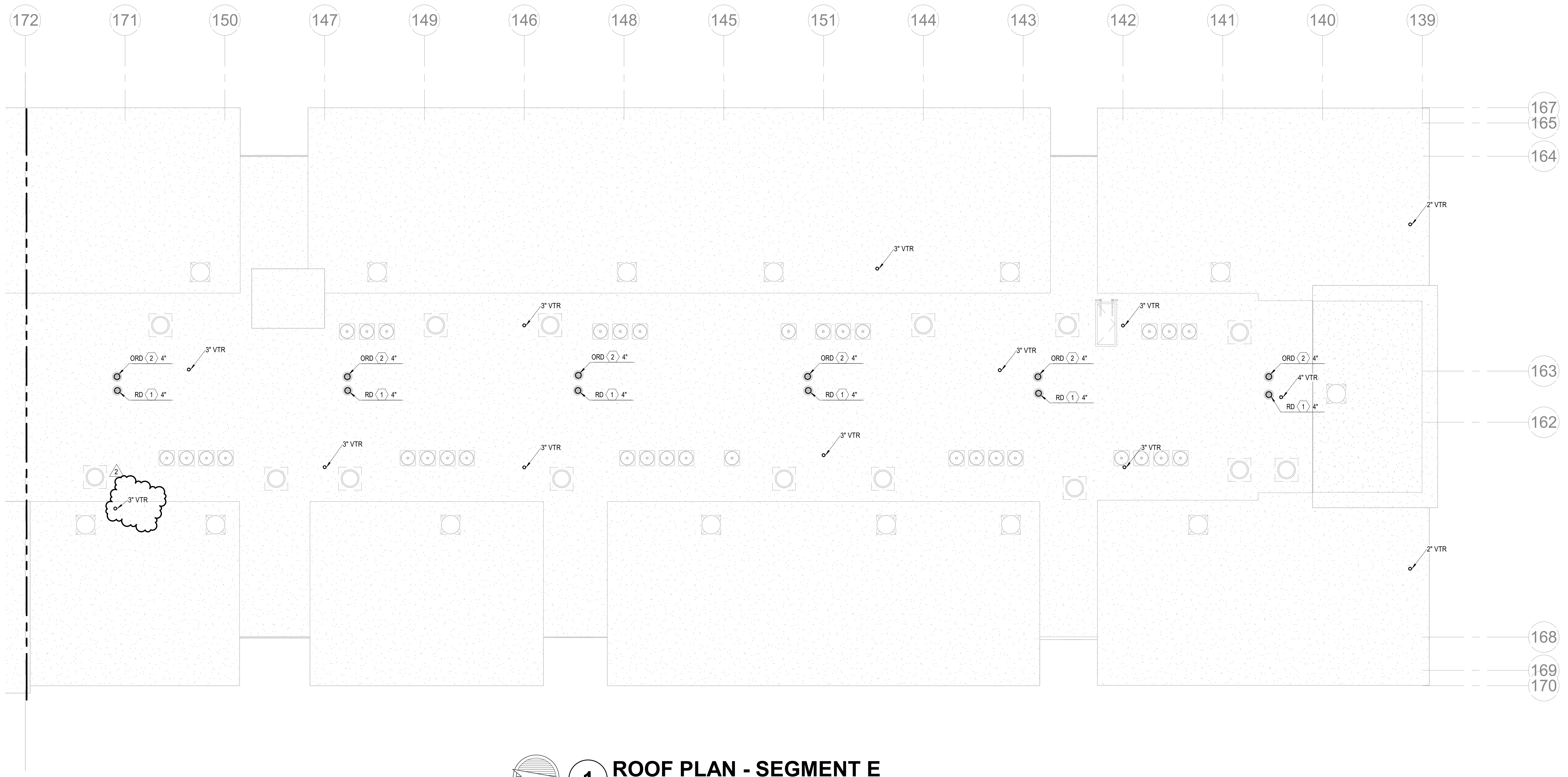
13. FIRE SPRINKLER SHALL BE PROVIDED FOR ALL AREAS OF THE BUILDING PER NFPA. THIS INCLUDES A PROTECTED OR DRY SYSTEM FOR ANY UNHEATED AREAS. NO PIPE SHALL BE EXPOSED TO FREEZING TEMPERATURES.

LEGEND:

⟨1⟩ CLASS 1MANUAL STANDPIPE WITH VALVE.
⟨2⟩ 3/4" CW UP TO ROOF HYDRANT.



1 ROOF PLAN - SEGMENT E
PLUMBING
1/8" = 1'-0"

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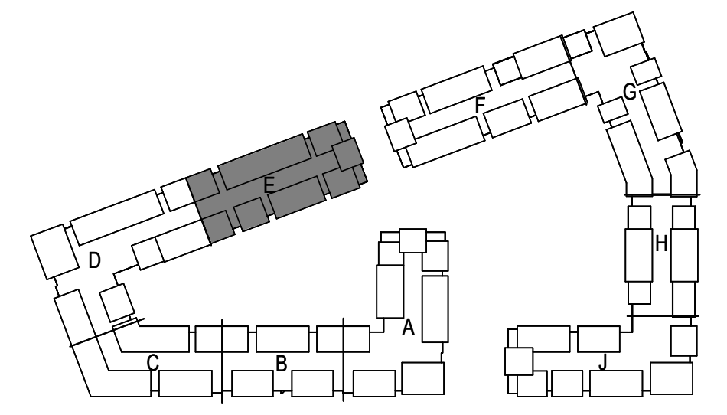

KEY PLAN
NO SCALE

△REVISIONS
2 23 0428 ADD 1/CC 2

JOB NO. 705921
DATE 03.15.2023
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4/28/2023 ADDENDUM 1/ CITY COMMENTS #2

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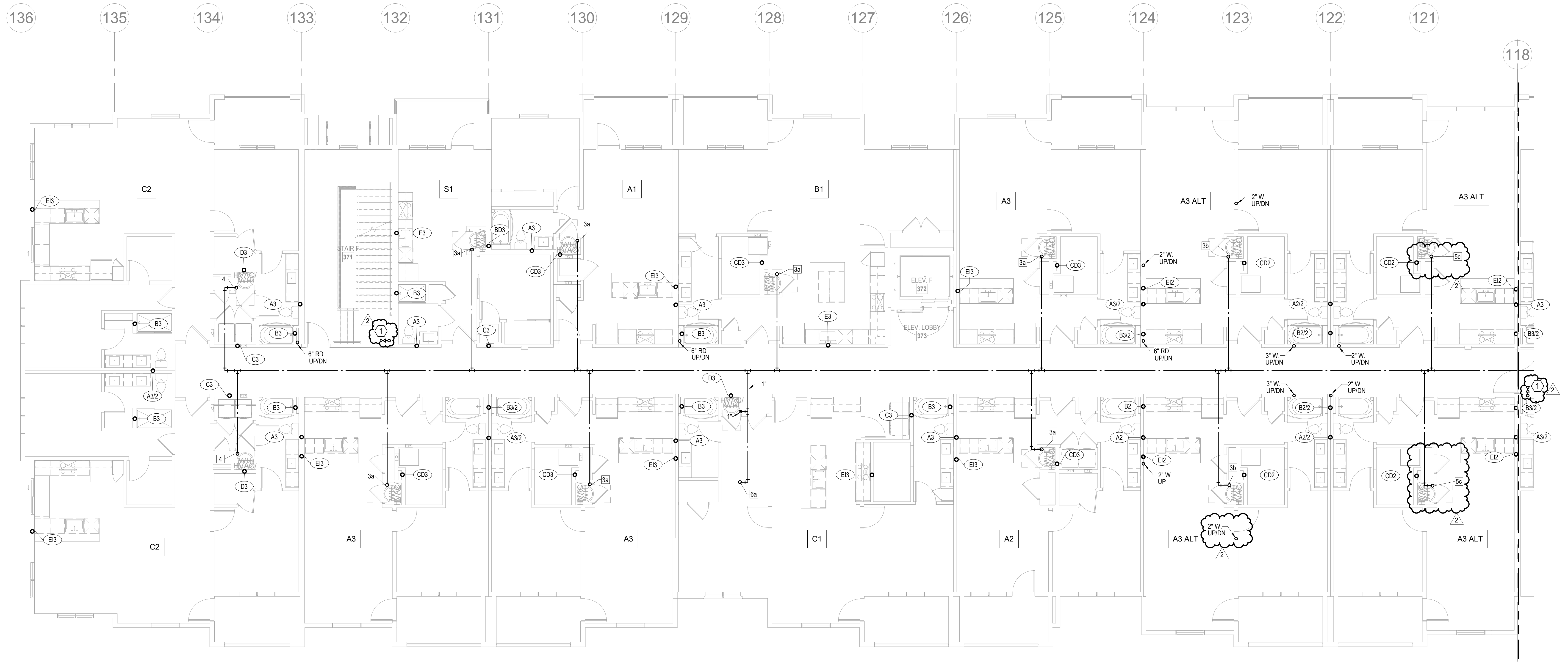
LSA PROJECT NO. 2204061

SHEET NAME
SEGMENT E - ROOF PLAN - PLUMBING
SHEET NO.
P1.23

5/1/2023 3:51:39 PM

ARCH E1 30" x 42"



1 2ND FLOOR - SEGMENT F

PLUMBING
1/8" = 1'-0"

NORTH

NOTES:

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LEGEND:

- ⟨1⟩ CLASS 1MANUAL STANDPIPE WITH VALVE.
- ⟨2⟩ 3/4" CW UP TO ROOF HYDRANT.

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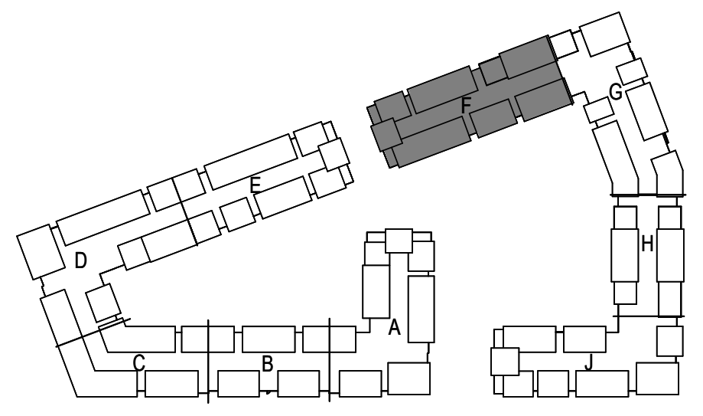

△REVISIONS
2 23 0428 ADD 1/CC 2

KEY PLAN

NO SCALE

NORTH

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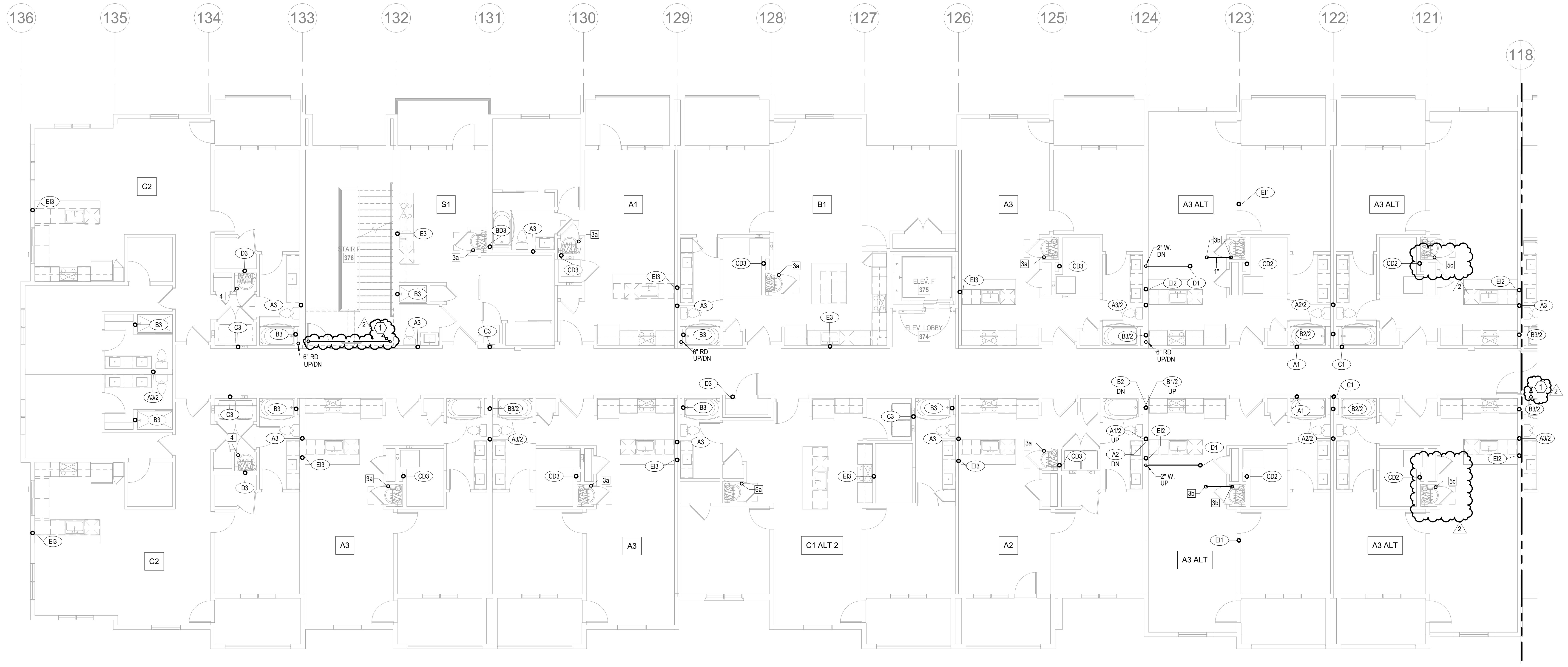
LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME SEGMENT F - 2ND FLOOR - PLUMBING
SHEET NO. **P1.25**

5/1/2023 3:51:42 PM



1 3RD FLOOR - SEGMENT F

PLUMBING
1/8" = 1'-0"

NORTH

NOTES:

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LEGEND:

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⟨2⟩ 3/4" CW UP TO ROOF HYDRANT.

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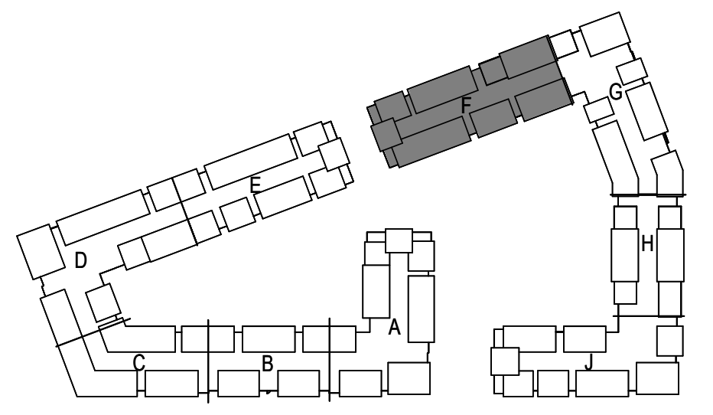

REVISIONS

2	23 0428	ADD 1/CC 2

KEY PLAN

NO SCALE

NORTH

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JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT F - 3RD FLOOR - PLUMBING
SHEET NO.
P1.26

ARCH E1 30" x 42"

NOTES:

1. COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
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9. SEE THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS.
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2

LEGEND:

① CLASS 1MANUAL STANDPIPE WITH VALVE.

② 3/4" CW UP TO ROOF HYDRANT.

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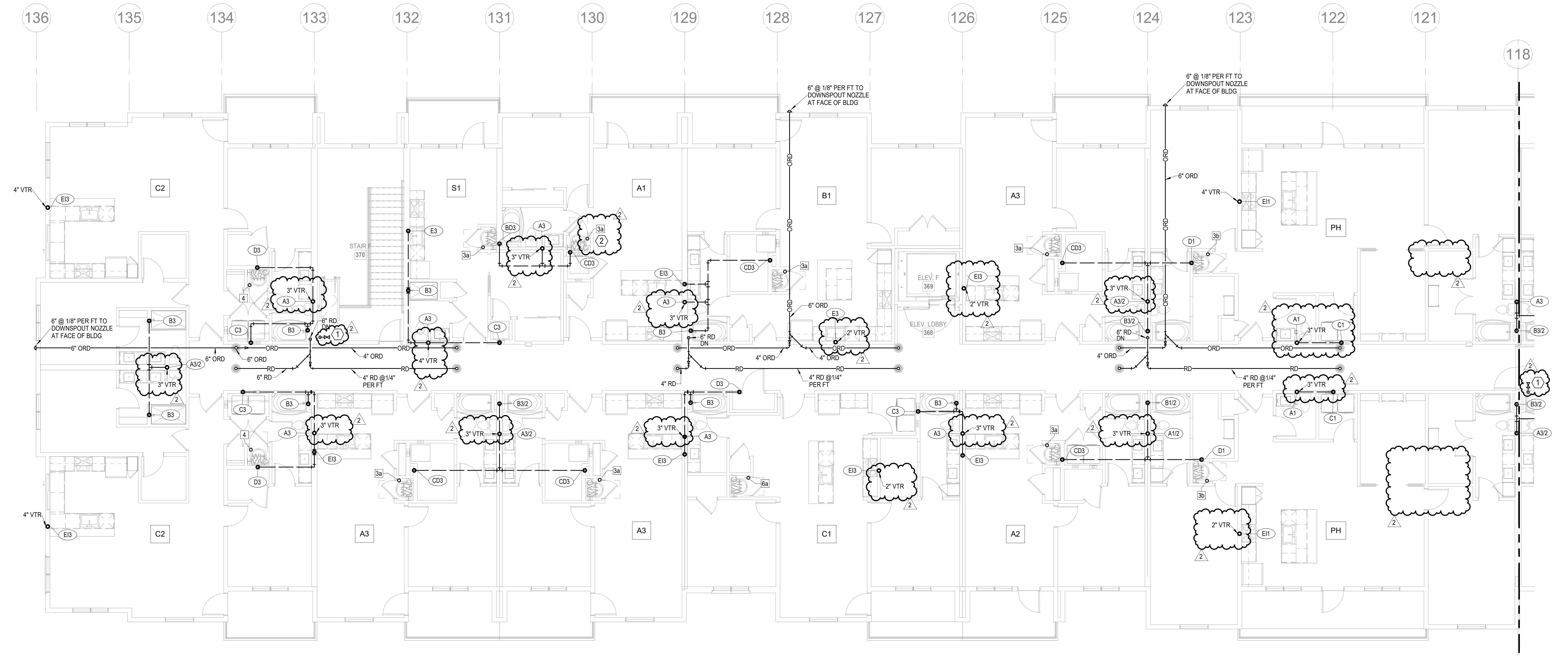
PROFESSIONAL ENGINEER
04/28/2023



1 4TH FLOOR - SEGMENT F
PLUMBING
1/8" = 1'-0"

NORTH

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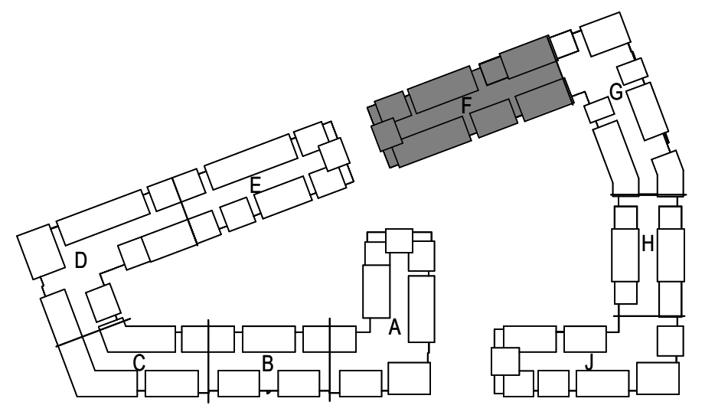
DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL



KEY PLAN
NO SCALE

NORTH

REVISIONS

2	23 0428	ADD 1/CC 2

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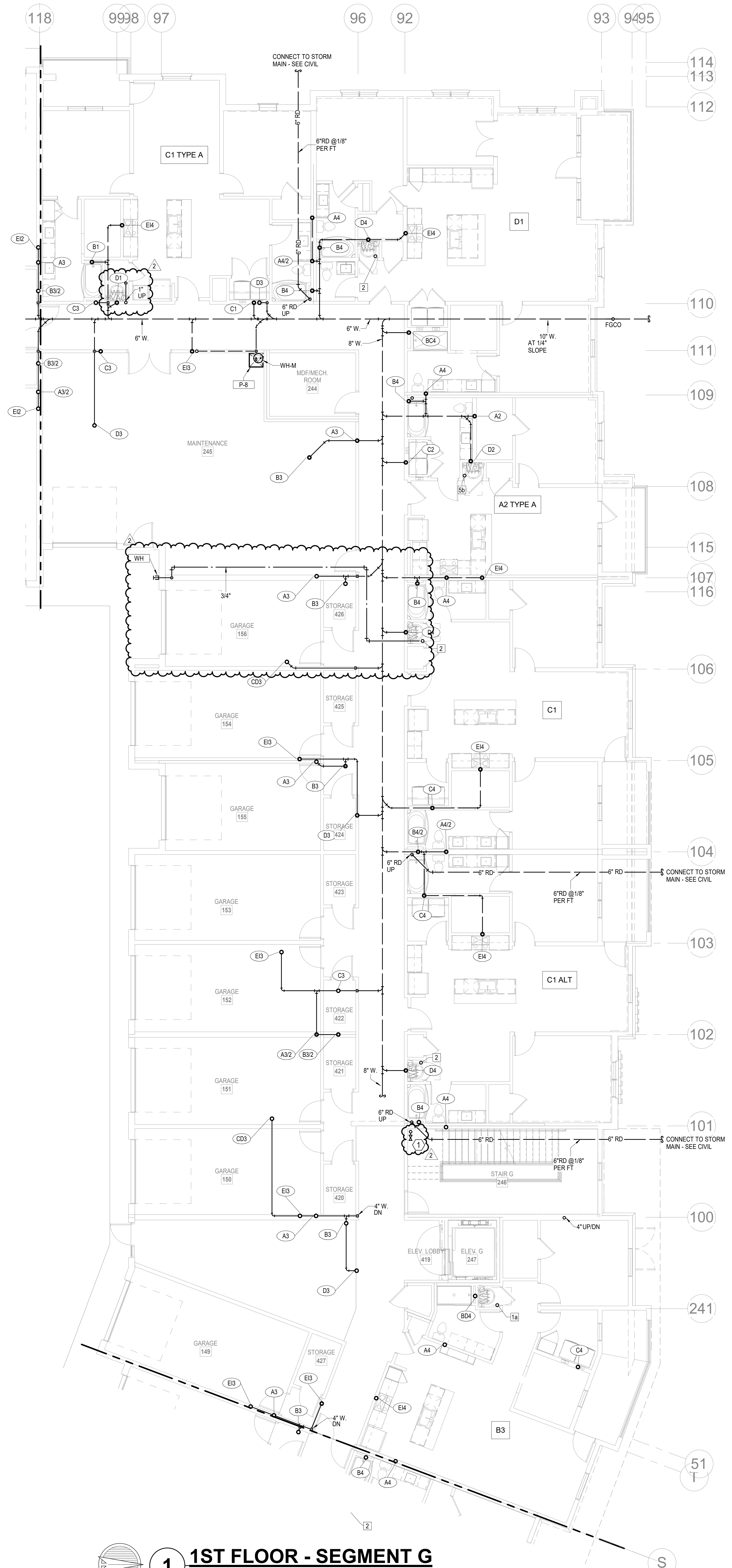
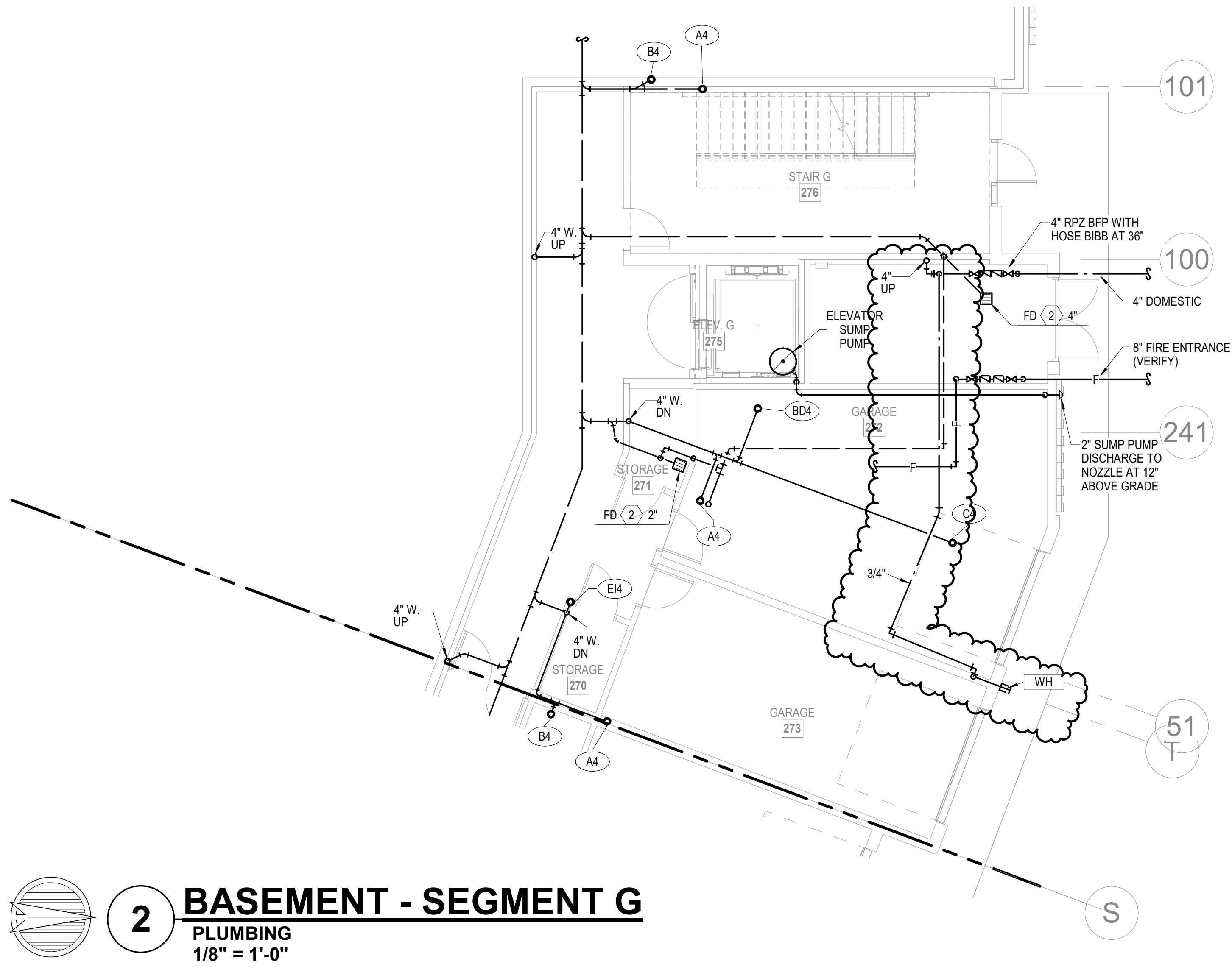
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT F - 4TH FLOOR - PLUMBING
SHEET NO.
P1.27

5/1/2023 3:51:48 PM

ARCH E1 30" x 42"



1 **1ST FLOOR - SEGMENT G**
PLUMBING
1/8" = 1'-0"
NORTH



2 **BASEMENT - SEGMENT G**
PLUMBING
1/8" = 1'-0"
NORTH

NOTES:	
1.	COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
2.	ALL DRAIN, WASTE AND VENT PIPING IS 2” UNLESS NOTED OTHERWISE. ALL 2” AND 3” WASTE SLOPE AT ¼” PER FT. PIPING 4” AND GREATER MAY BE AT 1/8” PER FT UNLESS NOTED OTHERWISE.
3.	ANY BELOW SLAB SUPPLY PIPING SHALL BE PEX WITH NO JOINTS.
4.	ALL SUPPLY PIPING IS ½” UNLESS NOTED OTHERWISE OR REQUIRED BY THE PLUMBING CODE.
5.	CONNECT ALL APPLIANCES OR EQUIPMENT PER MANUFACTURER’S INSTRUCTIONS.
6.	ALL PLUMBING VENTS SHALL BE 10 FEET FROM OPENINGS OR INTAKES.
7.	THERE SHALL BE NO PVC WITHIN RETURN AIR PLENUMS.
8.	ALL FIXTURES SHALL HAVE EXPANSION COMPENSATOR OR BLADDER TYPE SHOCK SUPPRESSORS FOR EACH CHASE.
9.	SEE THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS.
10.	REFER TO THE ARCHITECTURAL DRAWINGS FOR FLOOR DRAIN LOCATIONS AND FLOOR SLOPES IF PRESENT. ALL FLOOR DRAINS ARE 2” TYPE 1 UNLESS NOTED OTHERWISE.
11.	ROUTE DRAIN PIPING FROM WATER HEATERS, AIR HANDLERS OR EQUIPMENT TO FLOOR DRAINS. PROVIDE PROPER TRAPS.
12.	ROUTE NO PIPING OVER ELECTRICAL EQUIPMENT.
13.	FIRE SPRINKLER SHALL BE PROVIDED FOR ALL AREAS OF THE BUILDING PER NFPA. THIS INCLUDES A PROTECTED OR DRY SYSTEM FOR ANY UNHEATED AREAS. NO PIPE SHALL BE EXPOSED TO FREEZING TEMPERATURES.

LEGEND:	
1	CLASS 1MANUAL STANDPIPE WITH VALVE.
2	3/4" CW UP TO ROOF HYDRANT.

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F. 913.831.1563
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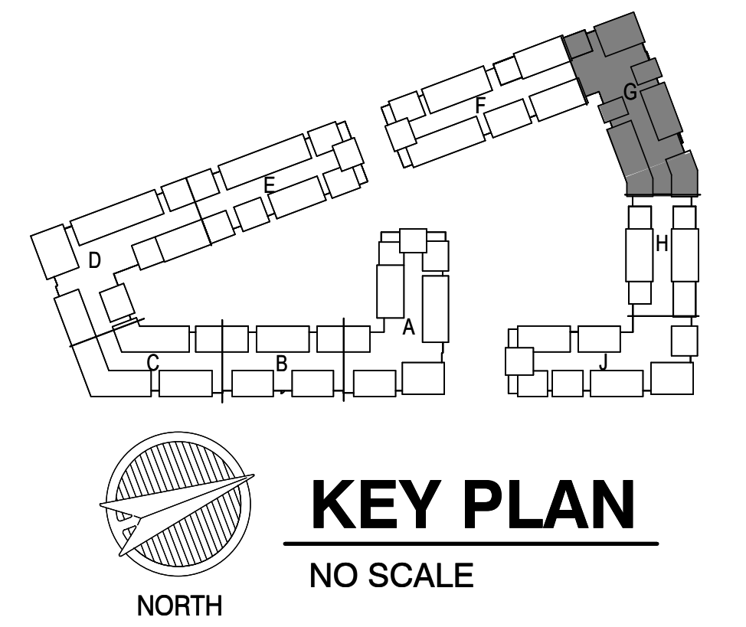
RICHARD R. BEARDMORE
04/28/2023

A NEW RESIDENTIAL COMMUNITY AT:
TRILOGY
800 & 810 NW WARD RD. | LEE'S SUMMIT, MO

DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

REVISIONS
2 23 0428 ADD 1/CC 2



KEY PLAN
NO SCALE

LS&A
Latimer Sommers & Associates P.A.
CONSULTING ENGINEERS
3639 SW Summerfield Drive, Suite A
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8625 College Boulevard, Suite 102
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Telephone: (785) 233-3232
Email: lsapa@lsapa.com
LSA PROJECT NO. 2204061

JOB NO.	DATE
705921	03.15.2023

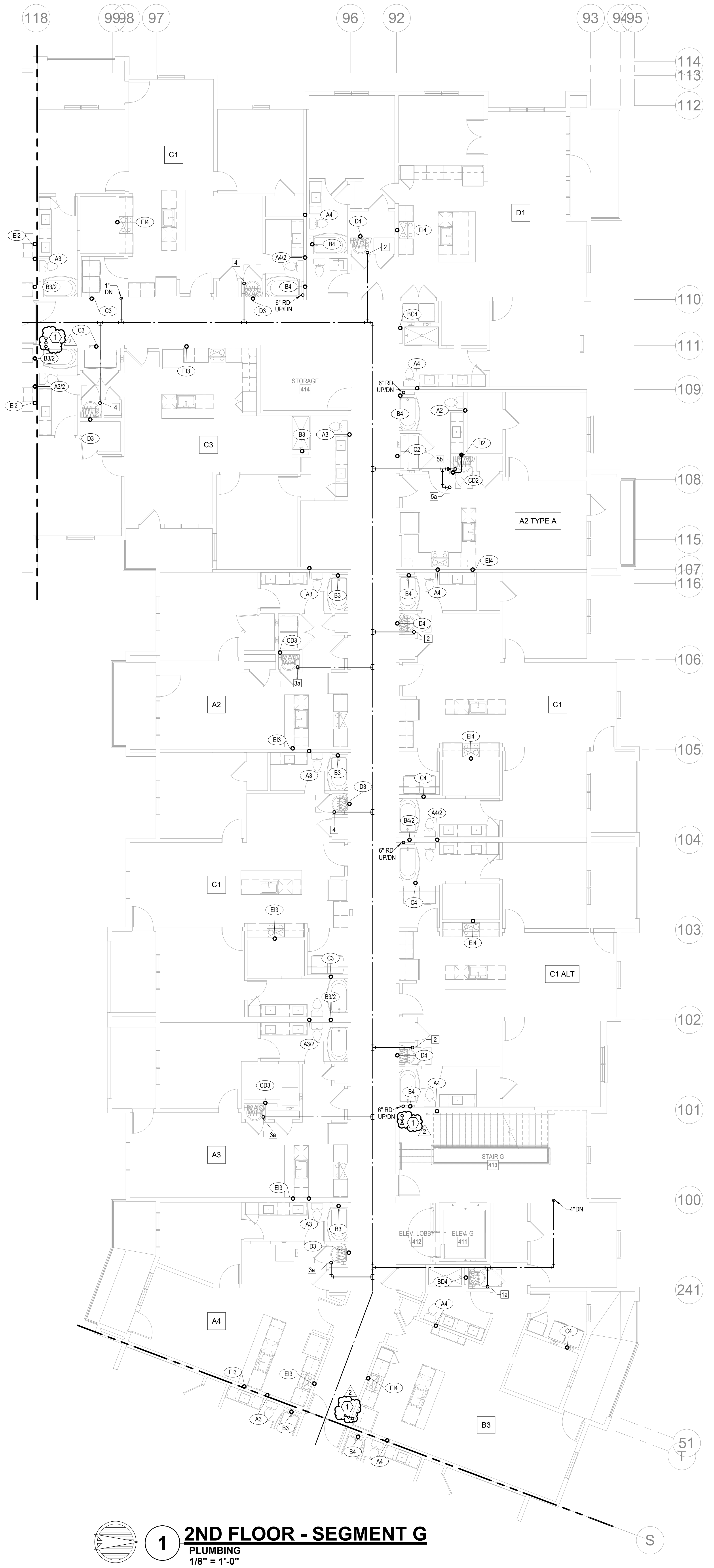
DRAWN BY
LSA CAD

4/28/2023 ADDENDUM 1/ CITY COMMENTS #2

SHEET NAME
SEGMENT G - BASEMENT & 1ST FLOOR - PLUMBING

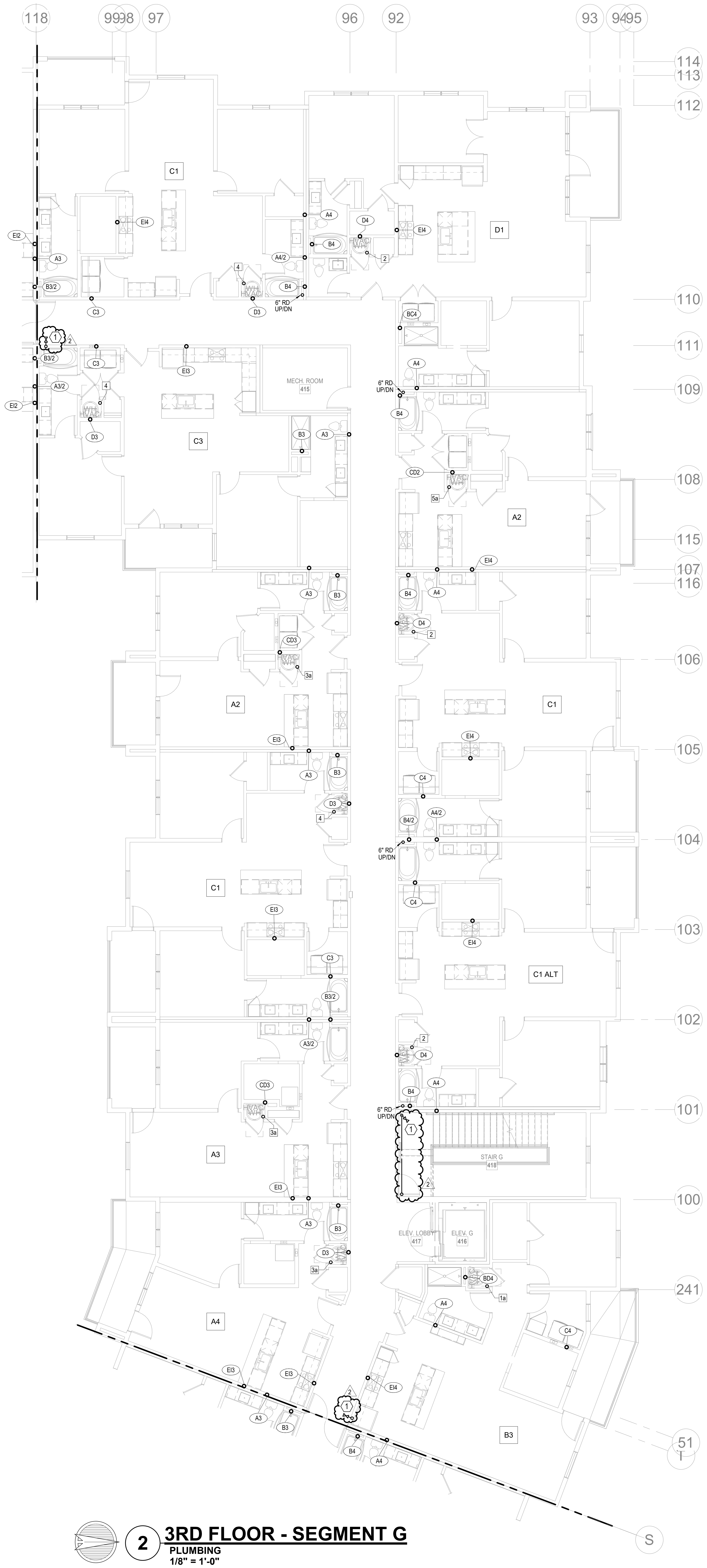
SHEET NO.
P1.29

5/1/2023 3:51:52 PM



1 2ND FLOOR - SEGMENT G

PLUMBING
1/8" = 1'-0"



2 3RD FLOOR - SEGMENT G

PLUMBING
1/8" = 1'-0"

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LEGEND:

① CLASS 1MANUAL STANDPIPE WITH VALVE.
② 3/4" CW UP TO ROOF HYDRANT.

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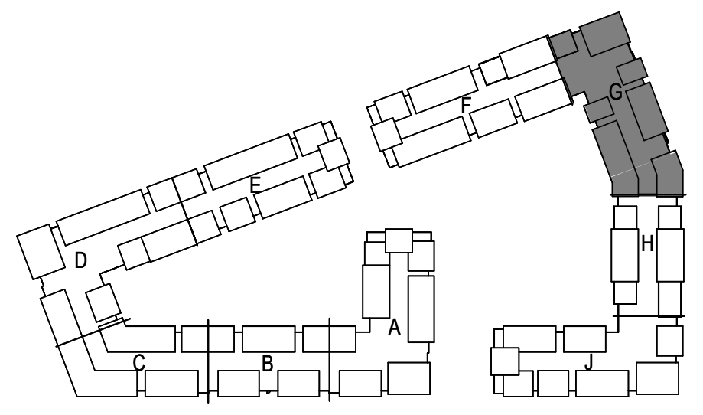
- 03.15.2023 - PERMIT SUBMITTAL

REVISIONS

2	23 0428	ADD 1/CC 2



KEY PLAN
NO SCALE

NORTH

LS&A
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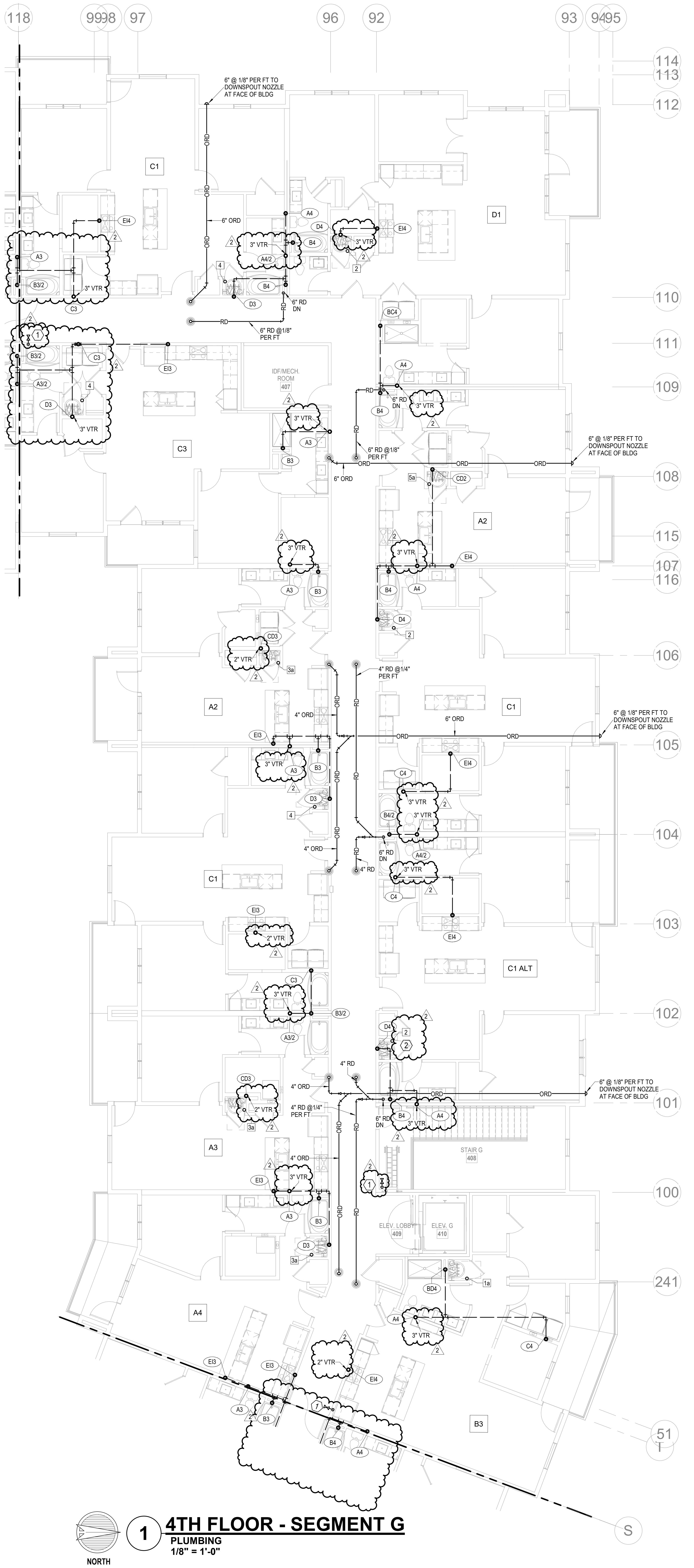
LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME SEGMENT G - 2ND & 3RD FLOOR - PLUMBING
SHEET NO.

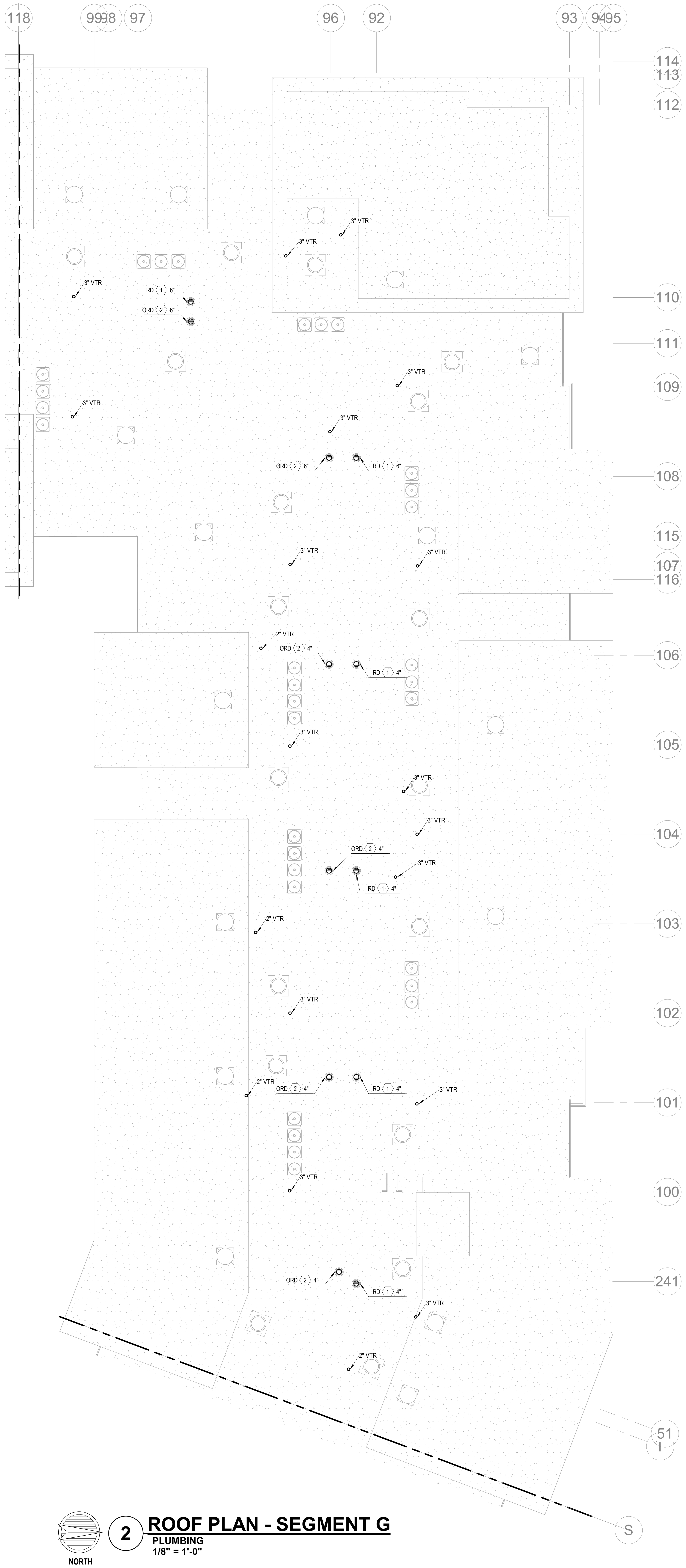
P1.30

ARCH E1 30" x 42"



① 4TH FLOOR - SEGMENT G

PLUMBING
1/8" = 1'-0"



② ROOF PLAN - SEGMENT G

PLUMBING
1/8" = 1'-0"

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2

LEGEND:

① CLASS 1MANUAL STANDPIPE WITH VALVE.
② 3/4" CW UP TO ROOF HYDRANT.

2

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04/28/2023

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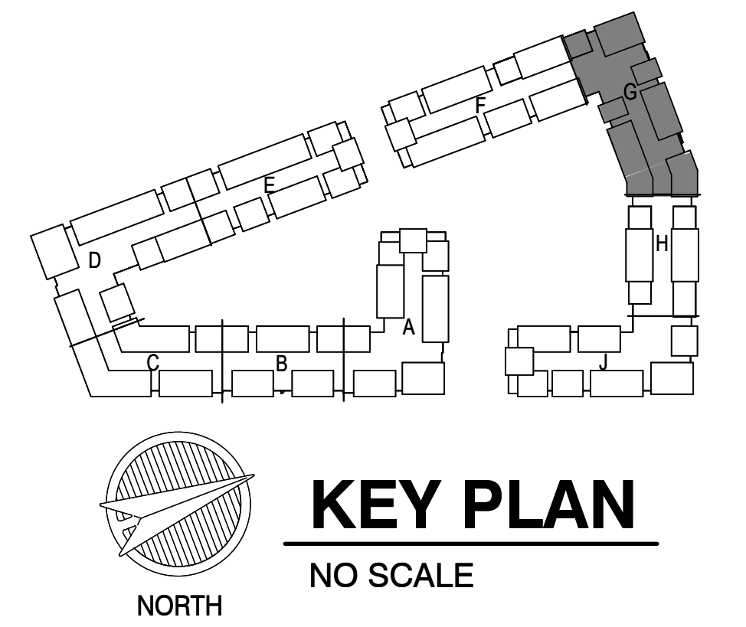

KEY PLAN

NO SCALE

△REVISIONS
2 23 0428 ADD 1/CC 2

LS&A
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3639 SW Summerfield Drive, Suite A
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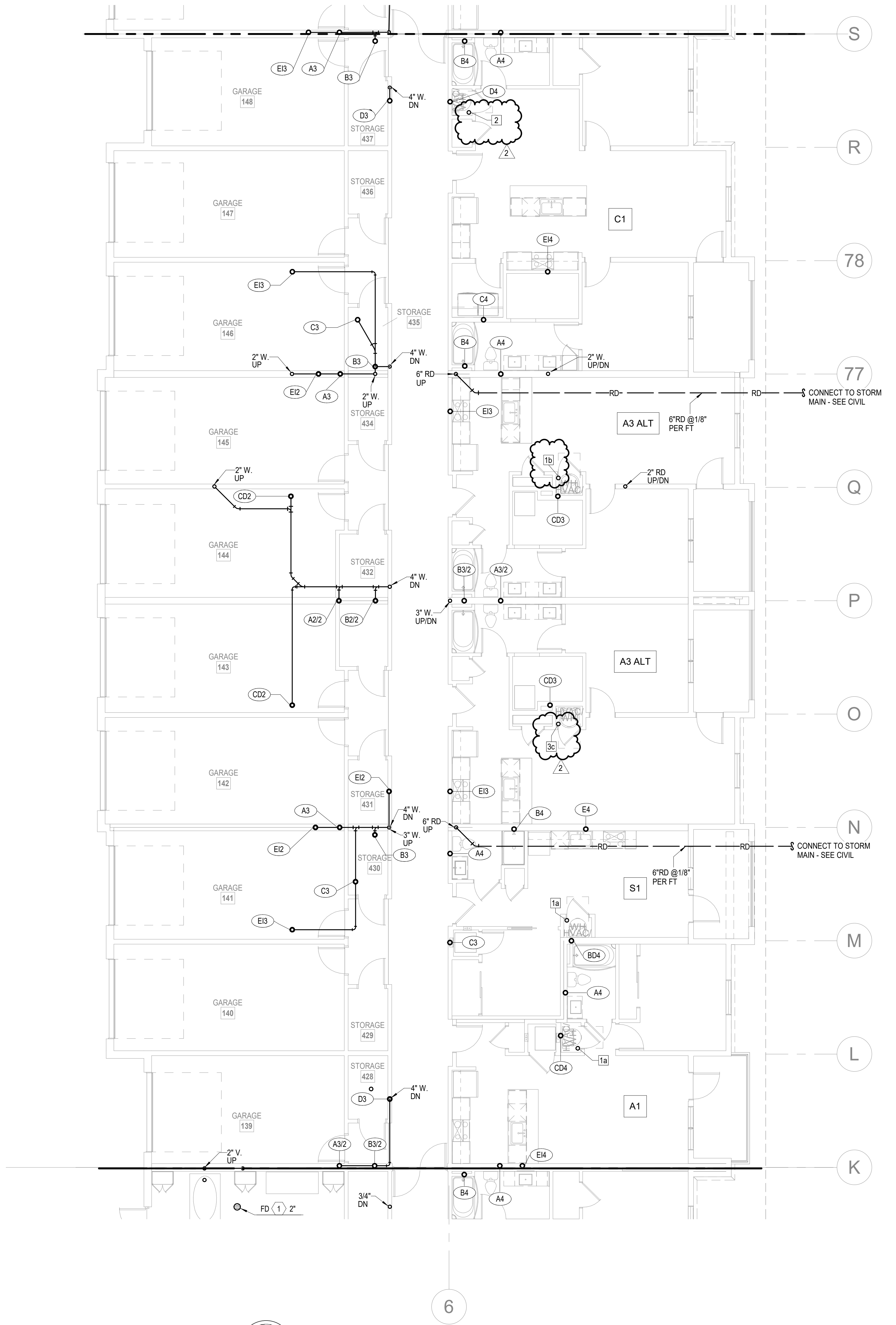
LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT G - 4TH FLOOR & ROOF PLAN - PLUMBING
SHEET NO.
P1.31

5/1/2023 3:52:02 PM

ARCH E1 30" x 42"

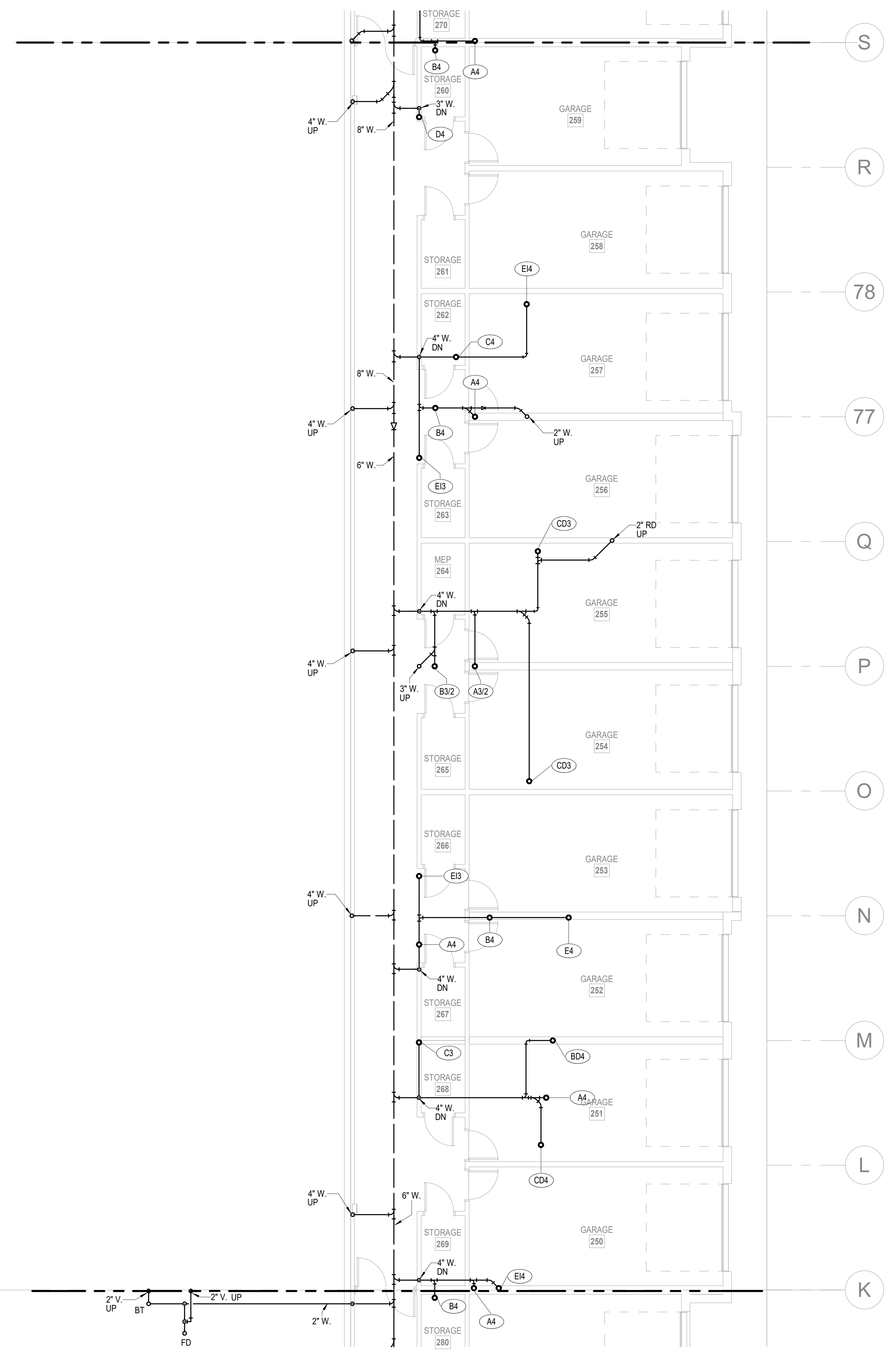


1 1ST FLOOR - SEGMENT H

PLUMBING

1/8" = 1'-0"

NORTH



2 BASEMENT - SEGMENT H

PLUMBING

1/8" = 1'-0"

NORTH

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7. THERE SHALL BE NO PVC WITHIN RETURN AIR PLENUMS.

2

8. ALL FIXTURES SHALL HAVE EXPANSION COMPENSATOR OR BLADDER TYPE SHOCK SUPPRESSORS FOR EACH CHASE.

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2

LEGEND:

⟨1⟩ CLASS 1MANUAL STANDPIPE WITH VALVE.

⟨2⟩ 3/4" CW UP TO ROOF HYDRANT.

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RICHARD R. BEARDMORE

04/28/2023

A NEW RESIDENTIAL COMMUNITY AT:

TRILOGY

800 & 810 NW WARD RD. | LEE'S SUMMIT, MO

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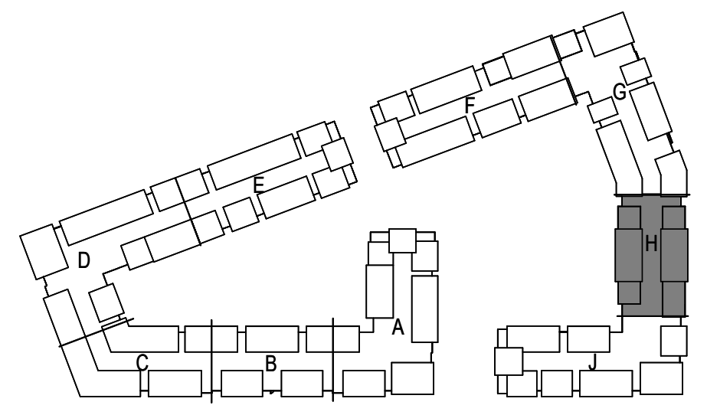
- 03.15.2023 - PERMIT SUBMITTAL



NORTH

KEY PLAN

NO SCALE

REVISIONS

2	23 0428	ADD 1/CC 2

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8625 College Boulevard, Suite 102
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Email: lsapa@lsapa.com

LSA PROJECT NO. 2204061

JOB NO. 705921

DATE 03.15.2023

DRAWN BY LSA CAD

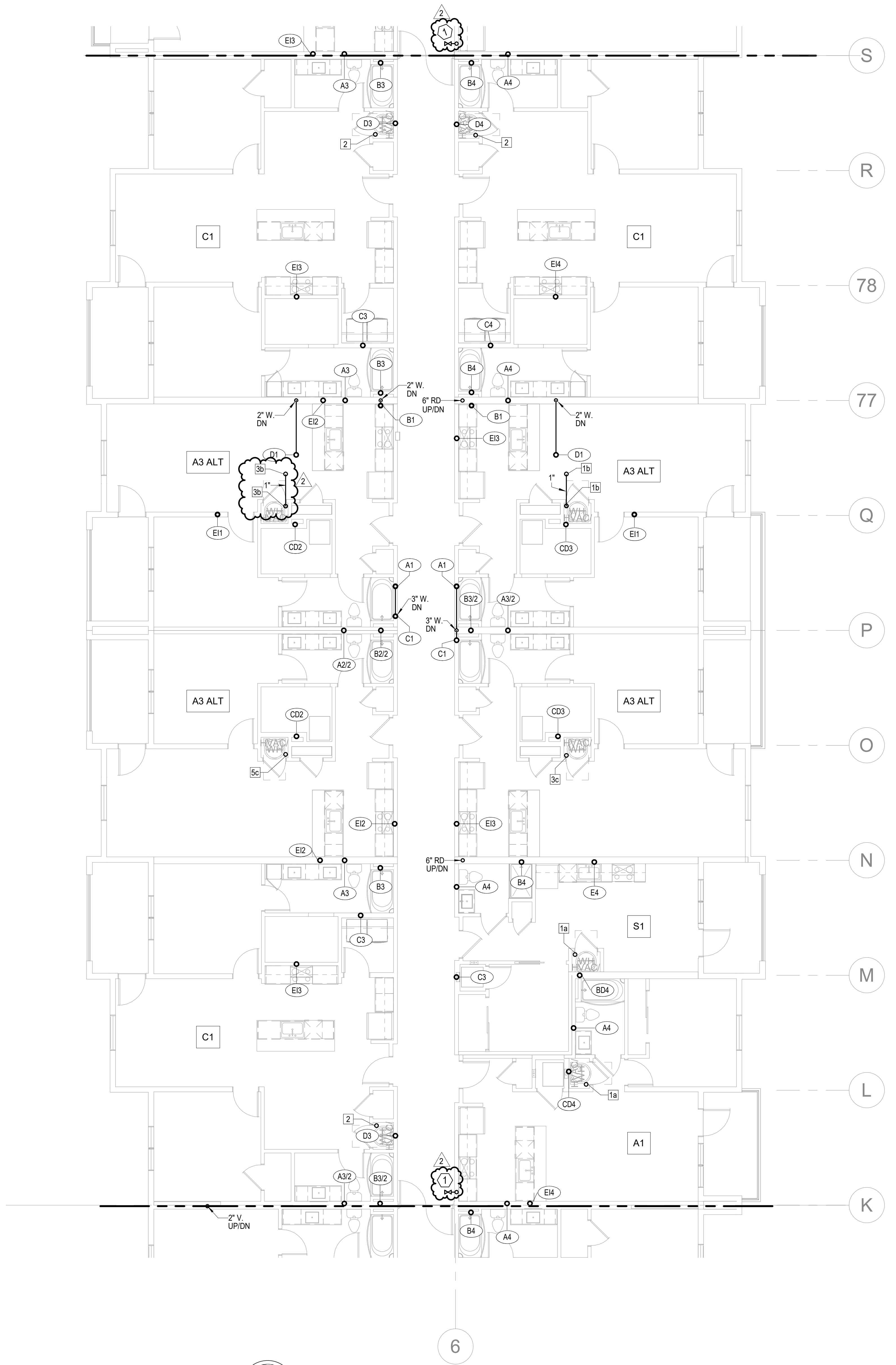
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2

SHEET NAME
SEGMENT H - BASEMENT & 1ST FLOOR - PLUMBING

SHEET NO.
P1.32

5/1/2023 3:52:06 PM

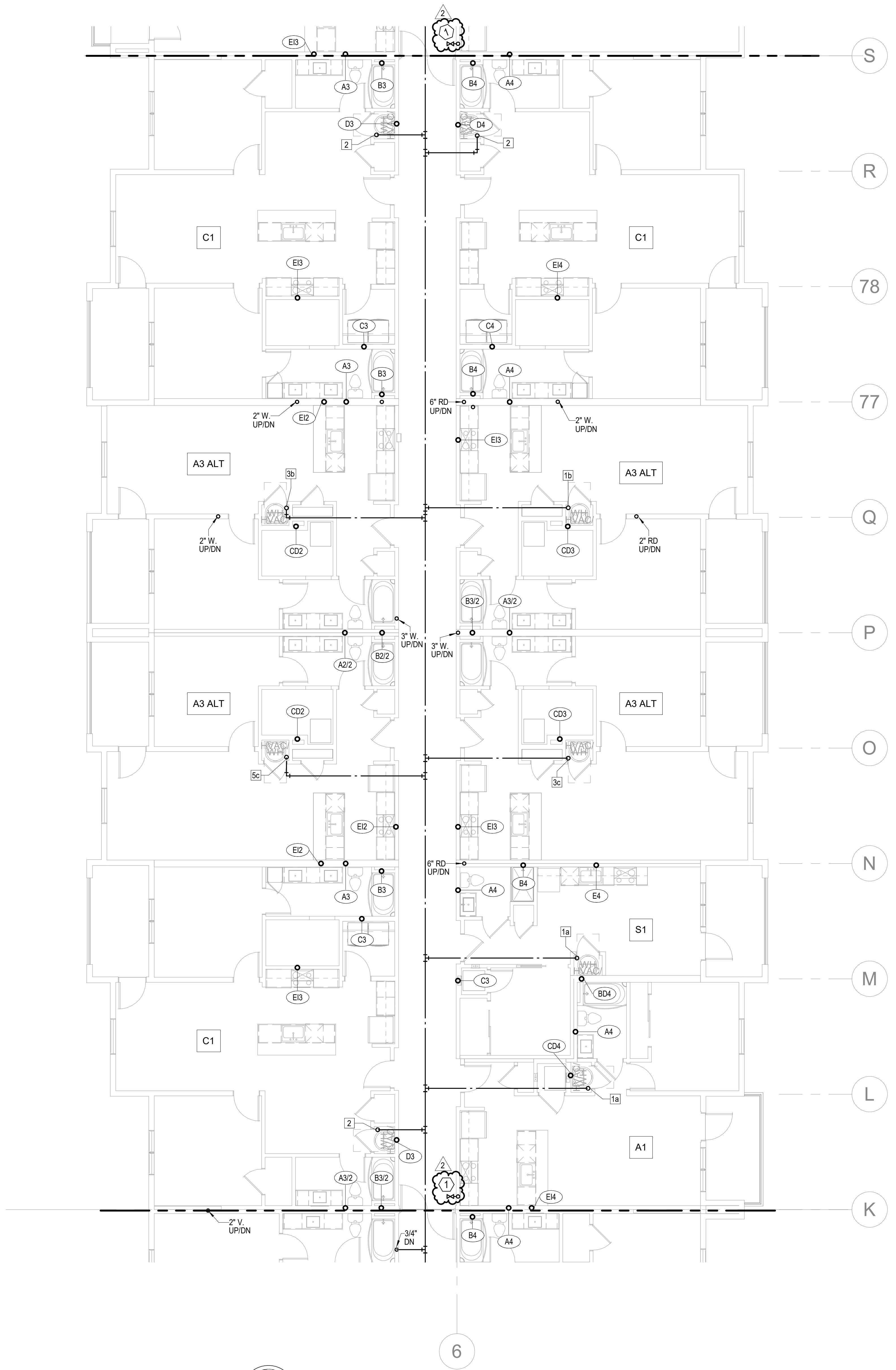
ARCH E1 30" x 42"



1 3RD FLOOR - SEGMENT H

PLUMBING
1/8" = 1'-0"

NORTH



2 2ND FLOOR - SEGMENT H

PLUMBING
1/8" = 1'-0"

NORTH

NOTES:

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△2

LEGEND:

① CLASS 1MANUAL STANDPIPE WITH VALVE.
② 3/4" CW UP TO ROOF HYDRANT.

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STATE OF MISSOURI
RICHARD R. BEARDMORE
PROFESSIONAL ENGINEER
04/28/2023

A NEW RESIDENTIAL COMMUNITY AT:

TRILOGY

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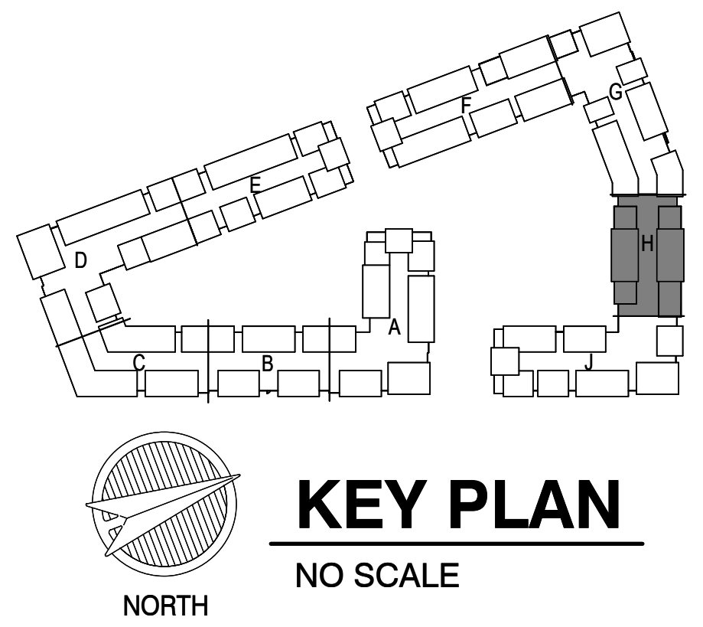

△REVISIONS
2 23 0428 ADD 1/CC 2

KEY PLAN

NO SCALE

LS&A
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DRAWN BY
LSA CAD

4/28/2023 ADDENDUM 1/ CITY COMMENTS #2

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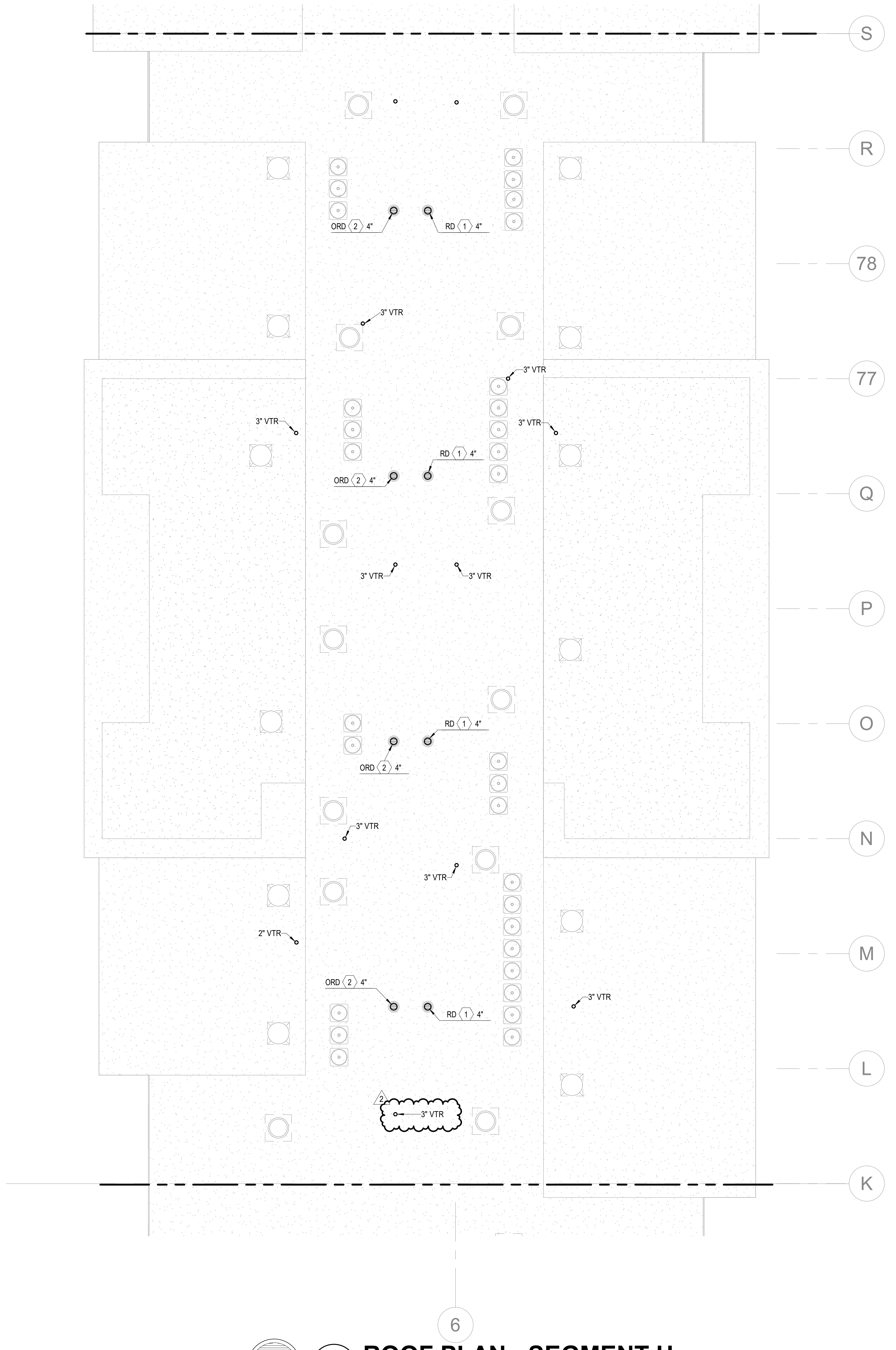
SEGMENT H - 2ND & 3RD FLOOR - PLUMBING

SHEET NO.
P1.33

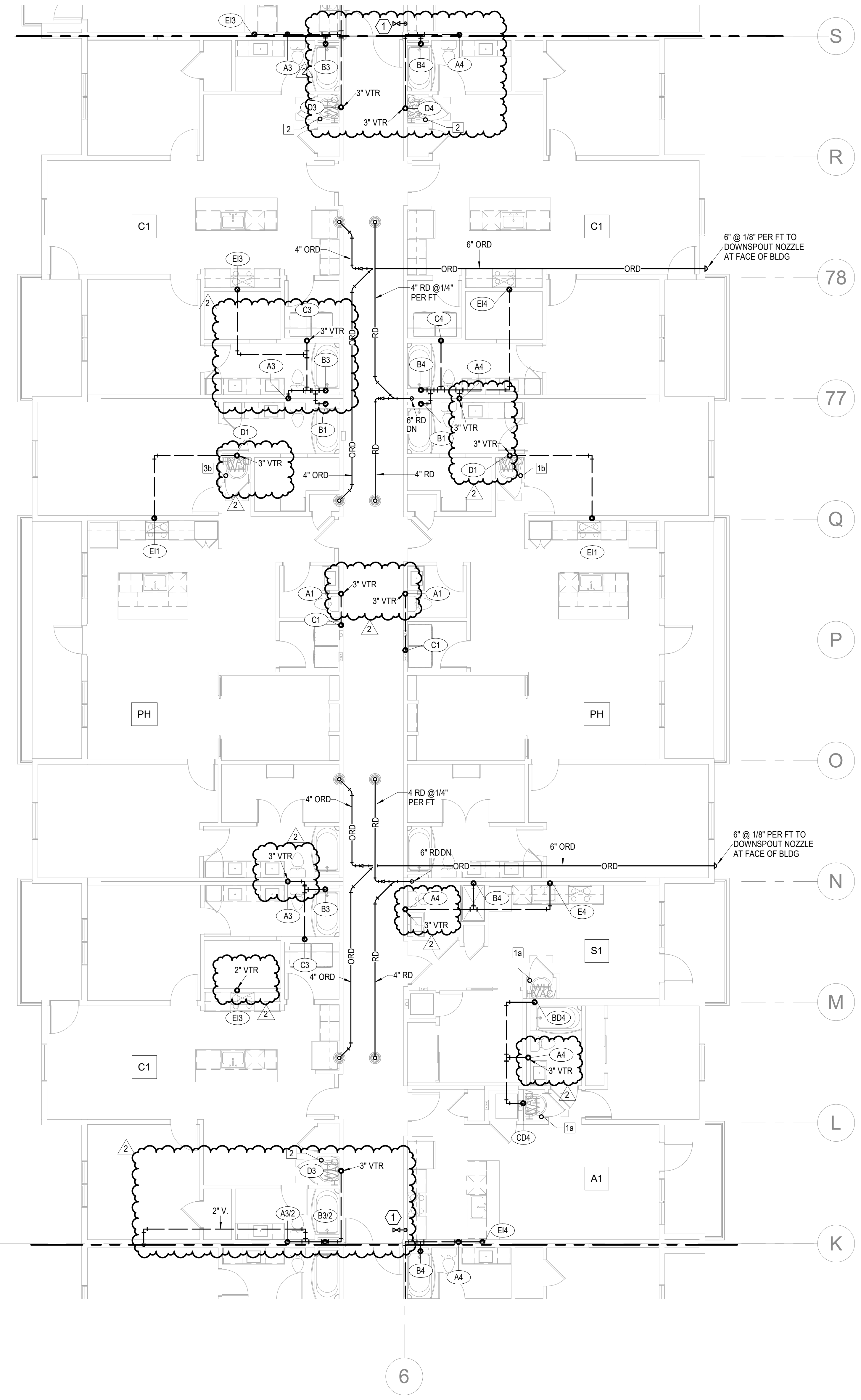
5/1/2023 3:52:10 PM

ARCH E1 30" x 42"



① ROOF PLAN - SEGMENT H
PLUMBING
1/8" = 1'-0"

NORTH



② 4TH FLOOR - SEGMENT H
PLUMBING
1/8" = 1'-0"

NORTH

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2

LEGEND:

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② 3/4" CW UP TO ROOF HYDRANT.

2

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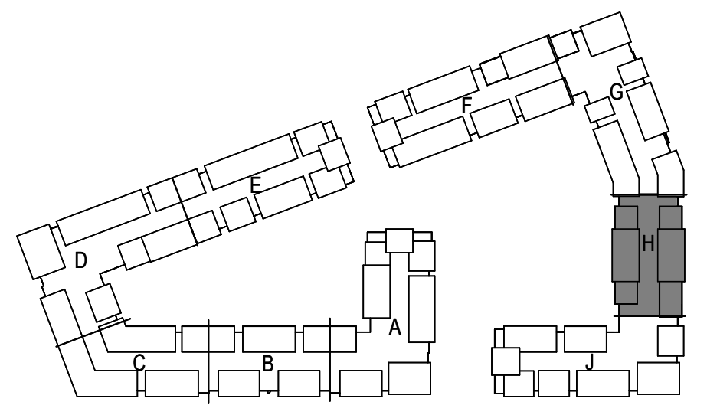

△REVISIONS

2	23 0428	ADD 1/CC 2

NORTH

KEY PLAN
NO SCALE

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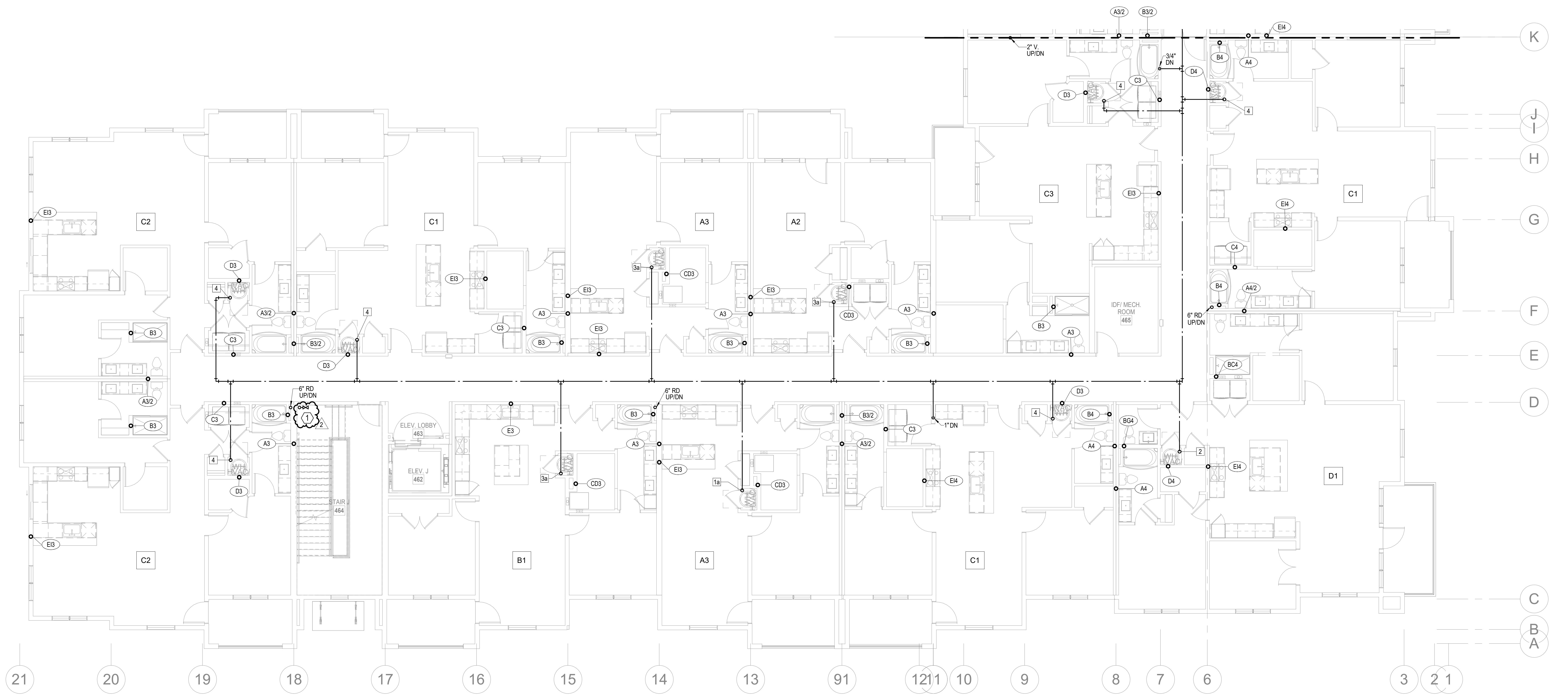
P1.34

5/1/2023 3:52:13 PM

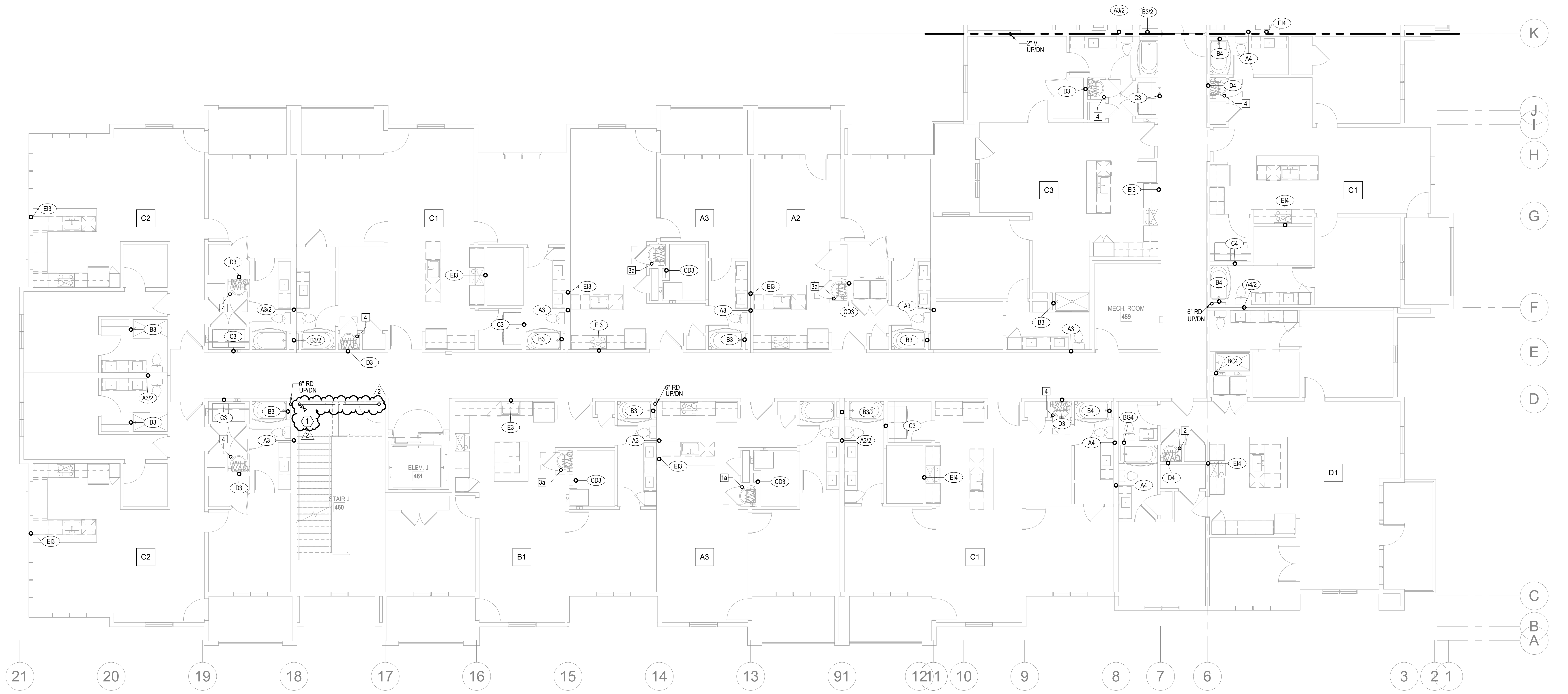
ARCH E1 30" x 42"



1 2ND FLOOR - SEGMENT J

PLUMBING
1/8" = 1'-0"

NORTH



2 3RD FLOOR - SEGMENT J

PLUMBING
1/8" = 1'-0"

NORTH

NOTES:

1. COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
2. ALL DRAIN, WASTE AND VENT PIPING IS 2" UNLESS NOTED OTHERWISE. ALL 2" AND 3" WASTE SLOPE AT ¼" PER FT. PIPING 4" AND GREATER MAY BE AT 1/8" PER FT UNLESS NOTED OTHERWISE.
3. ANY BELOW SLAB SUPPLY PIPING SHALL BE PEX WITH NO JOINTS.
4. ALL SUPPLY PIPING IS ½" UNLESS NOTED OTHERWISE OR REQUIRED BY THE PLUMBING CODE.
5. CONNECT ALL APPLIANCES OR EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.
6. ALL PLUMBING VENTS SHALL BE 10 FEET FROM OPENINGS OR INTAKES.
7. THERE SHALL BE NO PVC WITHIN RETURN AIR PLENUMS.
8. ALL FIXTURES SHALL HAVE EXPANSION COMPENSATOR OR BLADDER TYPE SHOCK SUPPRESSORS FOR EACH CHASE.
9. SEE THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS.
10. REFER TO THE ARCHITECTURAL DRAWINGS FOR FLOOR DRAIN LOCATIONS AND FLOOR SLOPES IF PRESENT. ALL FLOOR DRAINS ARE 2" TYPE 1 UNLESS NOTED OTHERWISE.
11. ROUTE DRAIN PIPING FROM WATER HEATERS, AIR HANDLERS OR EQUIPMENT TO FLOOR DRAINS. PROVIDE PROPER TRAPS.
12. ROUTE NO PIPING OVER ELECTRICAL EQUIPMENT.
13. FIRE SPRINKLER SHALL BE PROVIDED FOR ALL AREAS OF THE BUILDING PER NFPA. THIS INCLUDES A PROTECTED OR DRY SYSTEM FOR ANY UNHEATED AREAS. NO PIPE SHALL BE EXPOSED TO FREEZING TEMPERATURES.

LEGEND:

① CLASS 1MANUAL STANDPIPE WITH VALVE.
② 3/4" CW UP TO ROOF HYDRANT.

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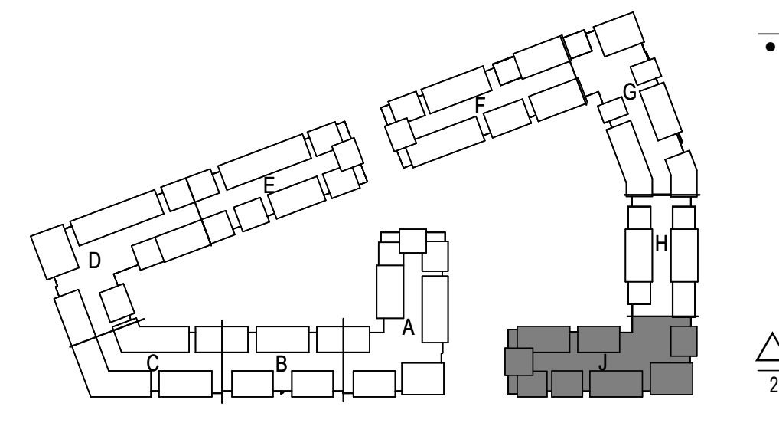
STATE OF MISSOURI
RICHARD R. BEARDMORE
PROFESSIONAL ENGINEER
04/28/2023

A NEW RESIDENTIAL COMMUNITY AT:
TRILOGY
800 & 810 NW WARD RD. | LEE'S SUMMIT, MO

DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

REVISIONS
2 23 0428 ADD 1/CC 2



KEY PLAN
NO SCALE

NORTH

LS&A
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CONSULTING ENGINEERS
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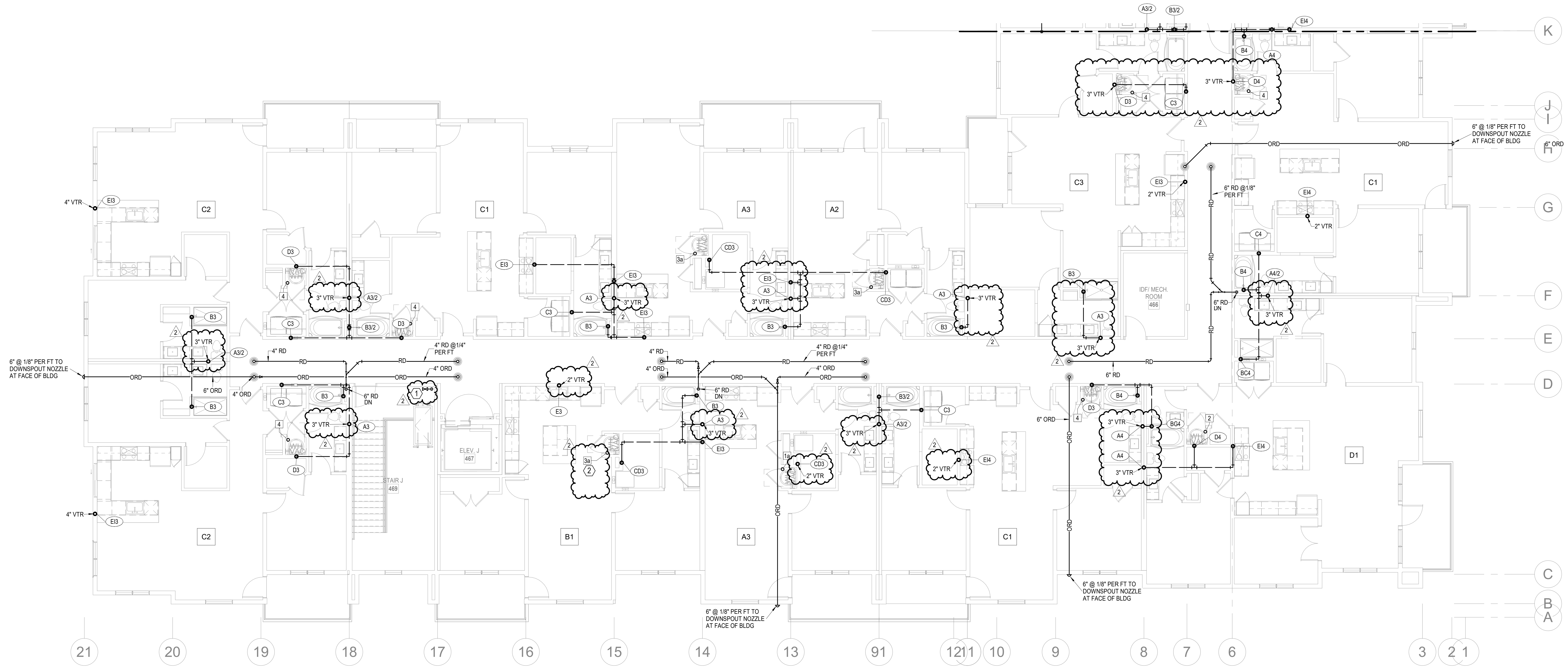
8625 College Boulevard, Suite 102
Overland Park, Kansas 66210
Telephone: (785) 233-3232
Email: lsapa@lsapa.com
LSA PROJECT NO. 2204061

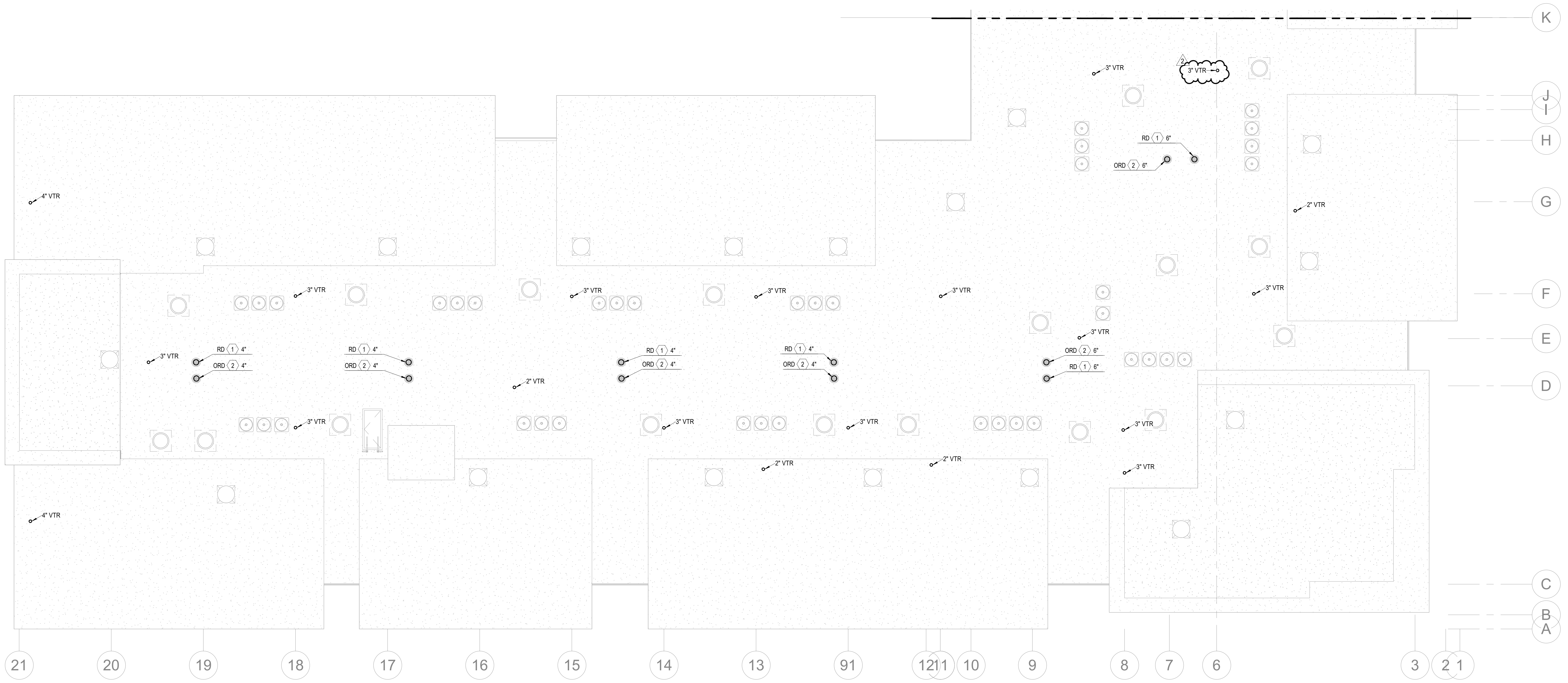
JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME SEGMENT J - 2ND & 3RD FLOOR - PLUMBING
SHEET NO.
P1.36

5/1/2023 3:52:18 PM



1 4TH FLOOR - SEGMENT J
PLUMBING
1/8" = 1'-0"

NORTH



2 ROOF PLAN - SEGMENT J
PLUMBING
1/8" = 1'-0"

NORTH

NOTES:

1. COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
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4. ALL SUPPLY PIPING IS ½" UNLESS NOTED OTHERWISE OR REQUIRED BY THE PLUMBING CODE.
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8. ALL FIXTURES SHALL HAVE EXPANSION COMPENSATOR OR BLADDER TYPE SHOCK SUPPRESSORS FOR EACH CHASE.
9. SEE THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS.
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11. ROUTE DRAIN PIPING FROM WATER HEATERS, AIR HANDLERS OR EQUIPMENT TO FLOOR DRAINS. PROVIDE PROPER TRAPS.
12. ROUTE NO PIPING OVER ELECTRICAL EQUIPMENT.
13. FIRE SPRINKLER SHALL BE PROVIDED FOR ALL AREAS OF THE BUILDING PER NFPA. THIS INCLUDES A PROTECTED OR DRY SYSTEM FOR ANY UNHEATED AREAS. NO PIPE SHALL BE EXPOSED TO FREEZING TEMPERATURES.

2

LEGEND:

① CLASS 1MANUAL STANDPIPE WITH VALVE.
② 3/4" CW UP TO ROOF HYDRANT.

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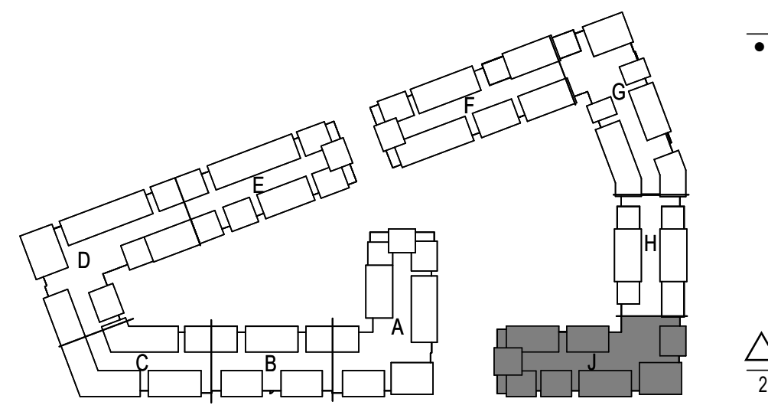

REVISIONS
2 23 0428 ADD 1/CC 2

NORTH

KEY PLAN
NO SCALE

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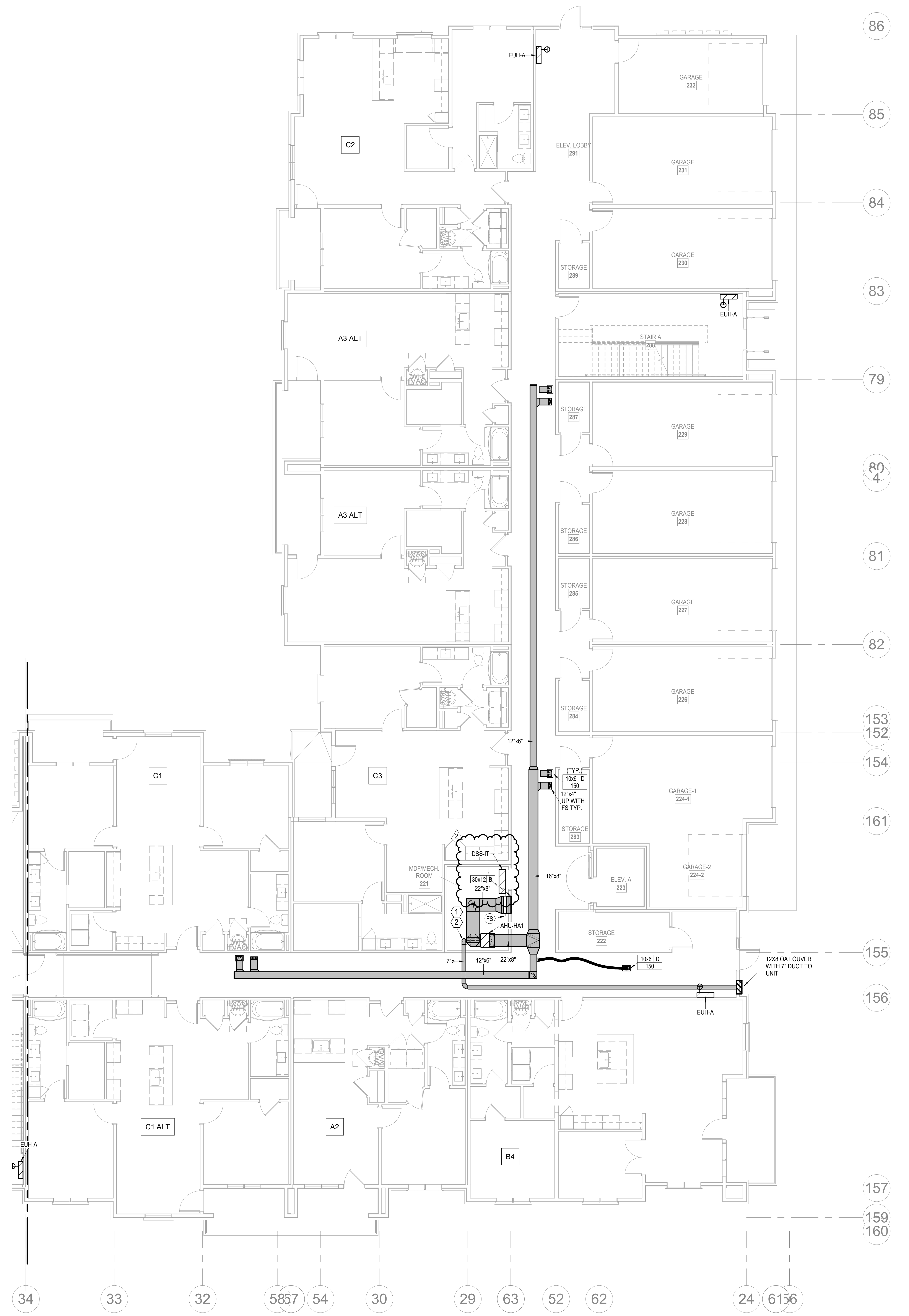
Email: lsapa@lsapa.com
LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT J - 4TH FLOOR & ROOF PLAN - PLUMBING
SHEET NO.
P1.37

ARCH E1 30" x 42"

NOTES:	
1.	COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
2.	ALL INDIVIDUAL BRANCH DUCTS ARE THE SIZE OF THE DIFFUSER NECK LISTED AND HAVE A MANUAL BALANCING DAMPER WHERE NOT INTEGRAL WITH THE DIFFUSER.
3.	SEE THE ARCHITECTURAL, LIGHTING AND STRUCTURAL DRAWINGS FOR CLEARANCES.
4.	MAINTAIN 3 FEET CLEARANCE FROM EXHAUST DUCTS TO BUILDING OPENINGS AND 10 FEET TO AIR INTAKES.
5.	ROUTE NO DUCTS OVER ELECTRICAL EQUIPMENT.
6.	FLEXIBLE DUCT LENGTHS SHALL NOT EXCEED 15 FEET AND SHALL BE AS STRAIGHT AS POSSIBLE AND NOT KINKED AT DIFFUSER OR TAKE-OFF.



1 1ST FLOOR - SEGMENT A

HVAC
1/8" = 1'-0"

NORTH

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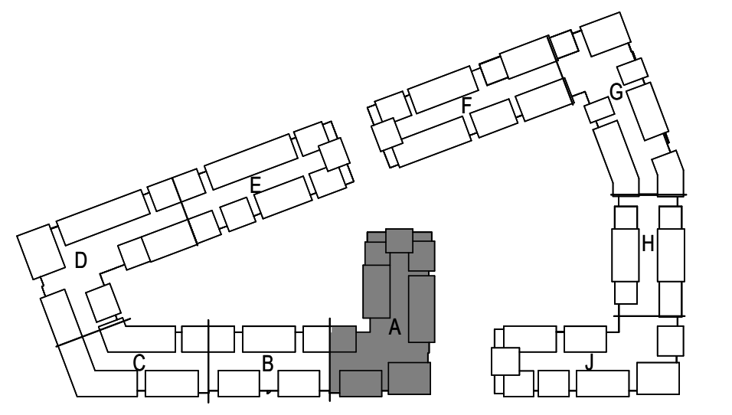

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2 23 0428 ADD 1/CC 2

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NO SCALE

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LSA PROJECT NO. 2204061

JOB NO.	DATE
705921	03.15.2023

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LSA CAD

4/28/2023 ADDENDUM 1/
CITY COMMENTS #2

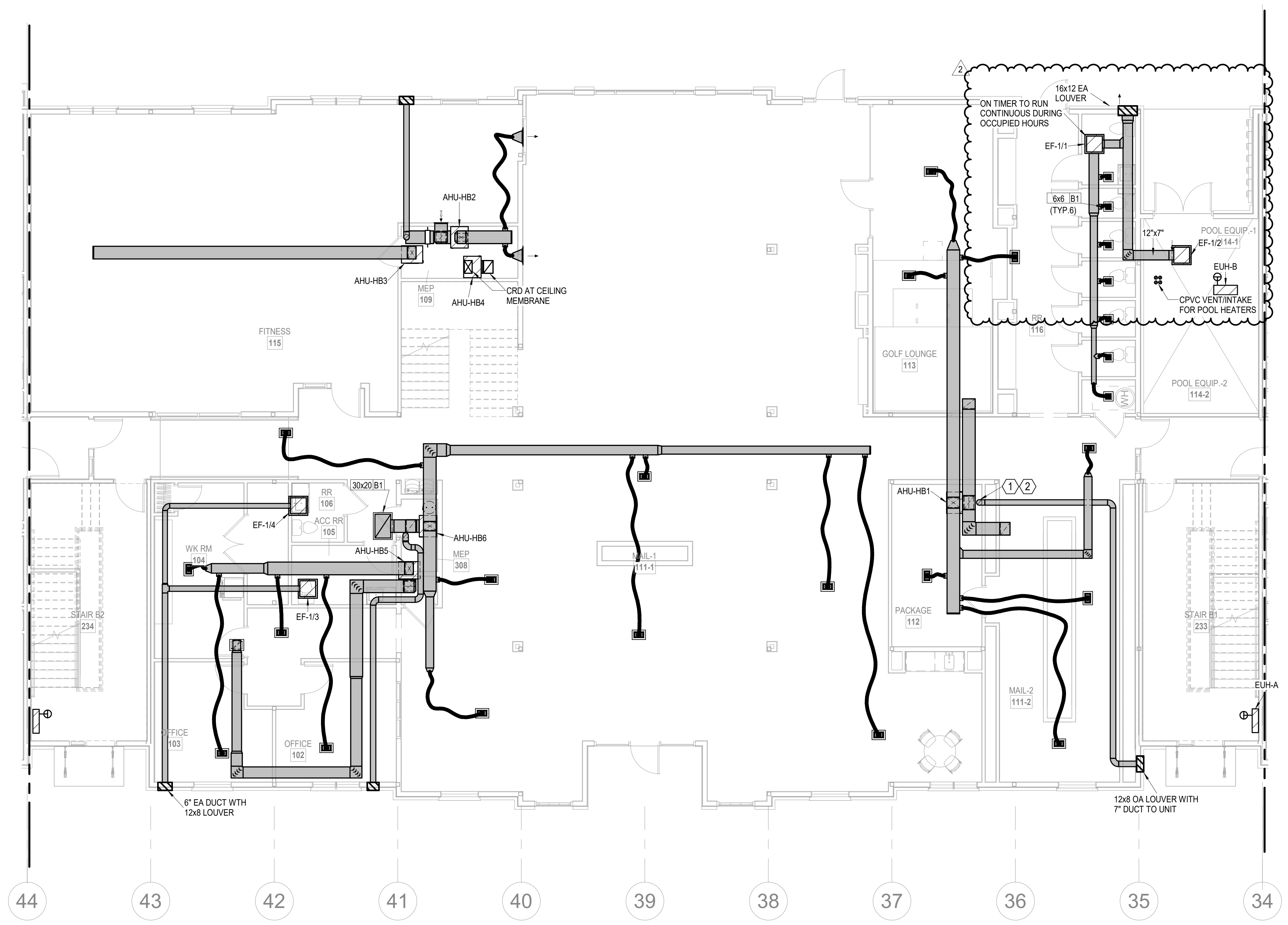
SHEET NAME
SEGMENT A - 1ST FLOOR - HVAC

SHEET NO.
M1.01

5/1/2023 3:50:25 PM

ARCH E1 30" x 42"

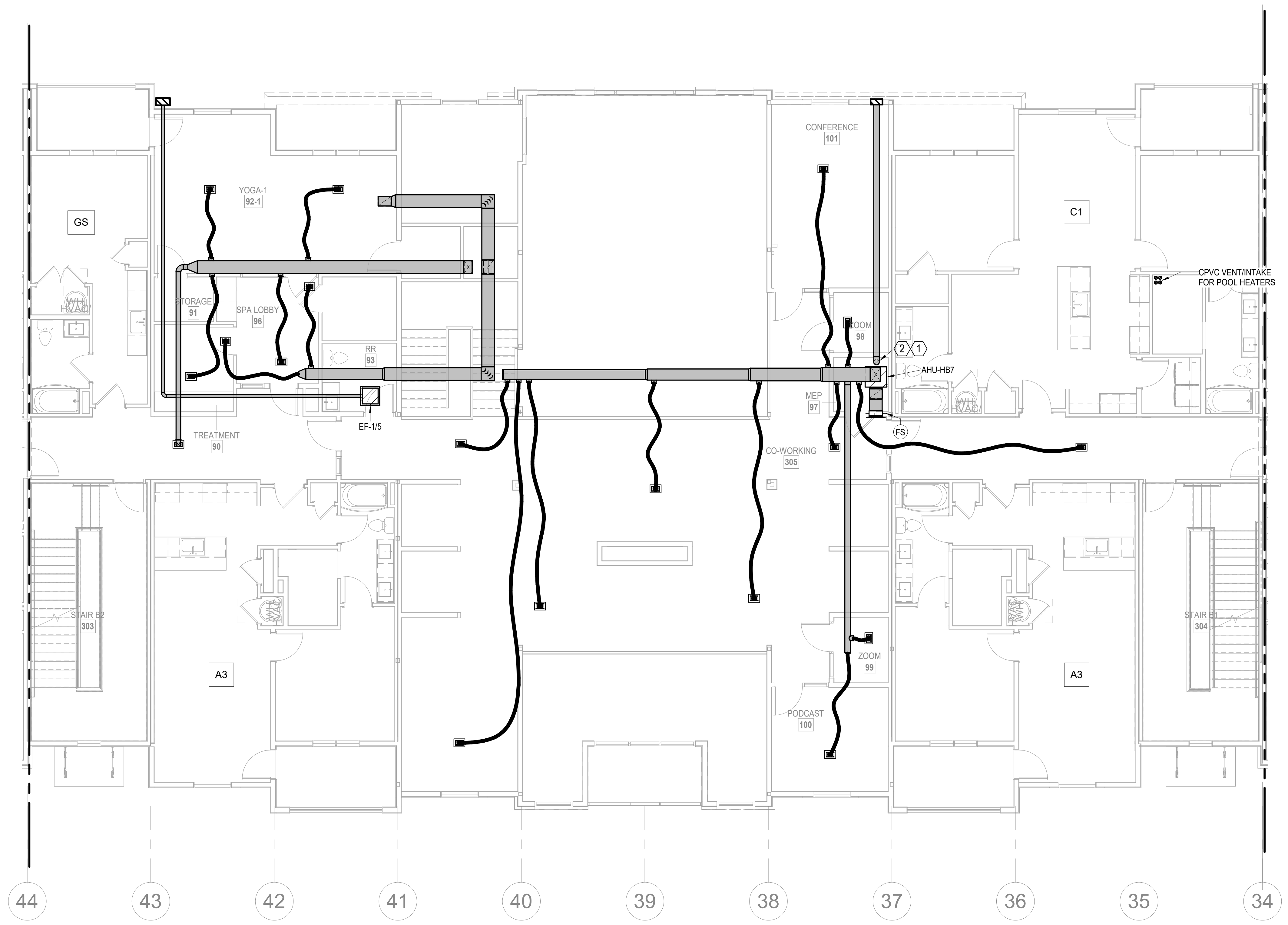
5/1/2023 3:50:28 PM



NORTH

1 1ST FLOOR - SEGMENT B

HVAC
1/8" = 1'-0"



NORTH

2 2ND FLOOR - SEGMENT B

HVAC
1/8" = 1'-0"

NOTES:

1. COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
2. ALL INDIVIDUAL BRANCH DUCTS ARE THE SIZE OF THE DIFFUSER NECK LISTED AND HAVE A MANUAL BALANCING DAMPER WHERE NOT INTEGRAL WITH THE DIFFUSER.
3. SEE THE ARCHITECTURAL, LIGHTING AND STRUCTURAL DRAWINGS FOR CLEARANCES.
4. MAINTAIN 3 FEET CLEARANCE FROM EXHAUST DUCTS TO BUILDING OPENINGS AND 10 FEET TO AIR INTAKES.
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RICHARD R. BEARDMORE

04/28/2023

A NEW RESIDENTIAL COMMUNITY AT:

TRILOGY

800 & 810 NW WARD RD. | LEE'S SUMMIT, MO

DRAWING RELEASE LOG
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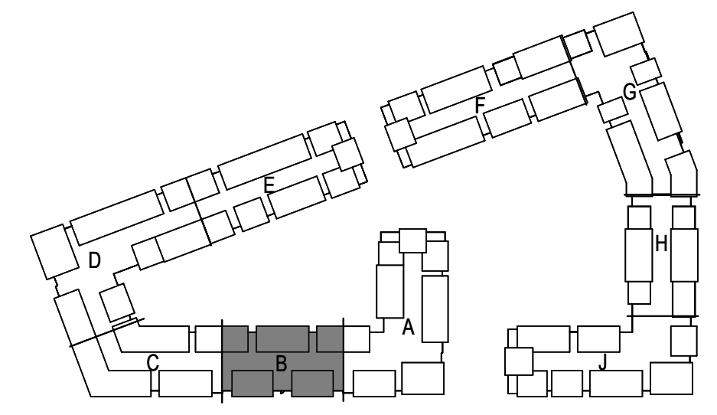

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2 23 0428 ADD 1/CC 2

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KEY PLAN

NO SCALE

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& Associates P.A.
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LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY
LSA CAD
4/28/2023 ADDENDUM 1/
CITY COMMENTS #2
SHEET NAME
SEGMENT B - 1ST & 2ND FLOOR - HVAC
SHEET NO.
M1.06

ARCH E1 30" x 42"

NOTES:

1. COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
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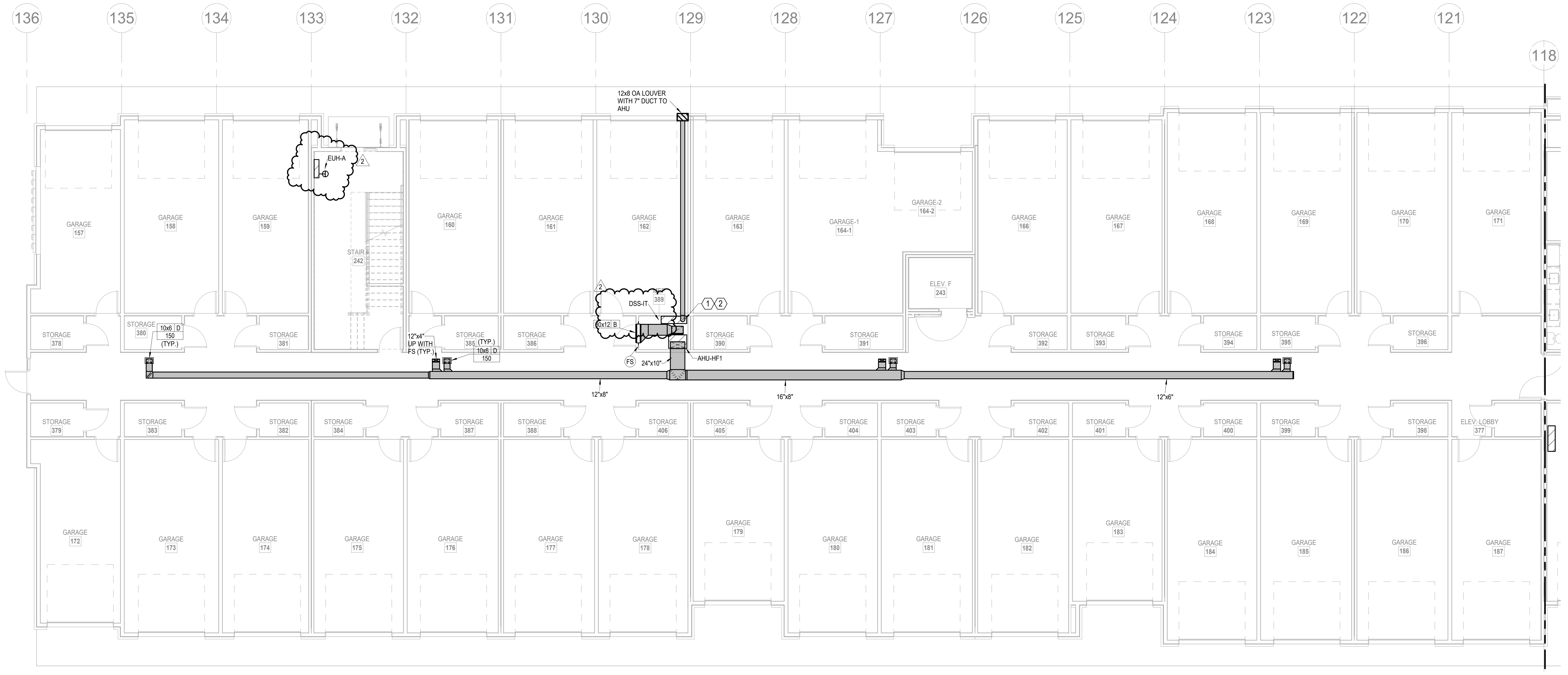
RICHARD R. BEARDMORE

04/28/2023



NORTH

1 1ST FLOOR - SEGMENT F

HVAC
1/8" = 1'-0"

A NEW RESIDENTIAL COMMUNITY AT:

TRILOGY

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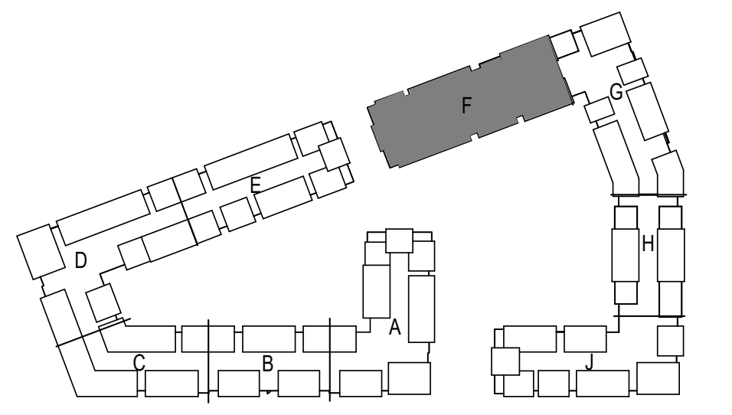
- 03.15.2023 - PERMIT SUBMITTAL



REVISIONS
2 23 0428 ADD 1/CC 2

NORTH

KEY PLAN

NO SCALE

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JOB NO.
705921

DATE
03.15.2023

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LSA CAD

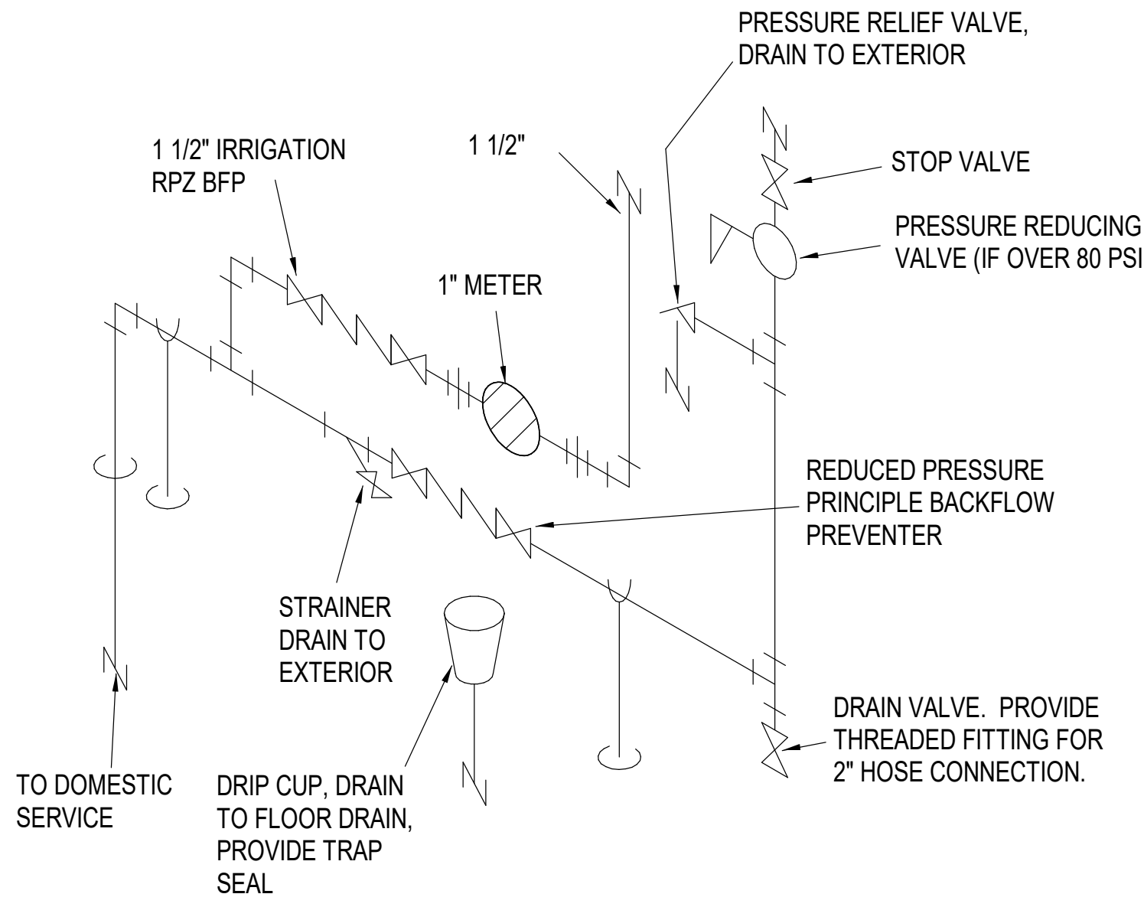
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2

SHEET NAME
SEGMENT F - 1ST FLOOR - HVAC

SHEET NO.
M1.24

5/1/2023 3:50:31 PM

ARCH E1 30" x 42"

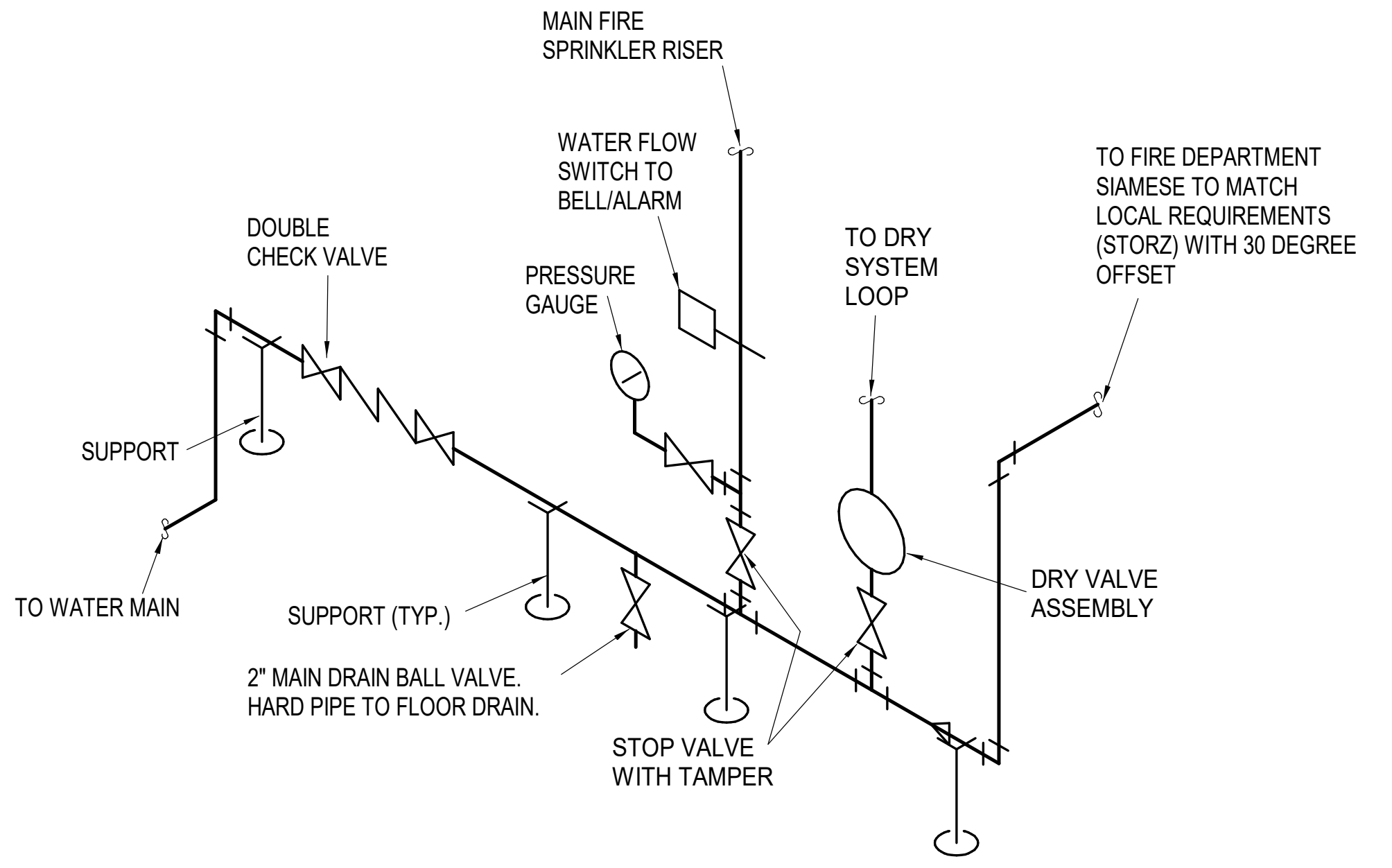

PRESSURE RELIEF VALVE, DRAIN TO EXTERIOR
1 1/2" IRRIGATION RPZ BFP
1 1/2"
STOP VALVE
PRESSURE REDUCING VALVE (IF OVER 80 PSIG)
1" METER
REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER
STRAINER DRAIN TO EXTERIOR
TO DOMESTIC SERVICE
DRIP CUP, DRAIN TO FLOOR DRAIN, PROVIDE TRAP SEAL
DRAIN VALVE. PROVIDE THREADED FITTING FOR 2" HOSE CONNECTION.

1 DOMESTIC WATER RISER
NOT TO SCALE

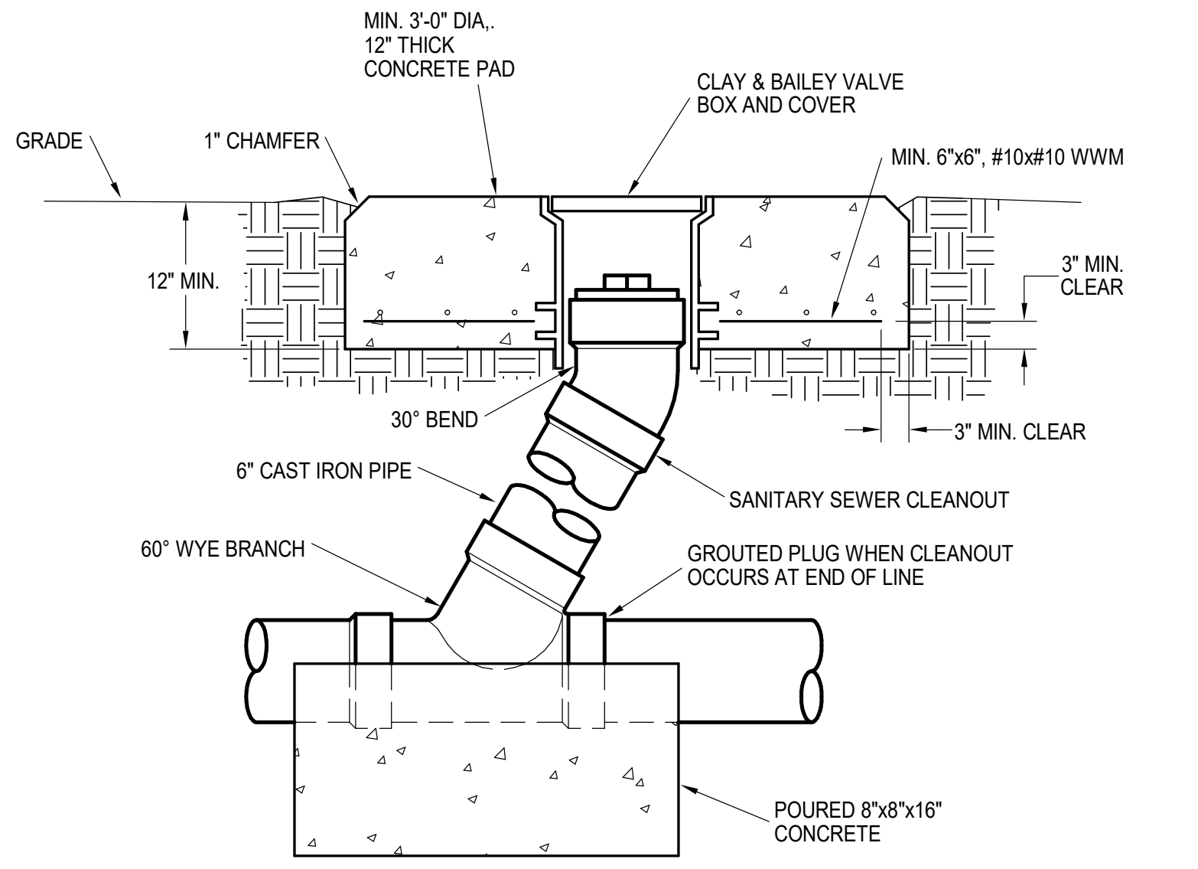
RADON SYSTEM COMPONENTS

CONTRACTOR TO PROVIDE THE FOLLOWING ITEMS TO PROVIDE THE INFRASTRUCTURE FOR A FUTURE RADON EVACUATION SYSTEM.

1) PROVIDE 4" PERFORATED PVC TUBES IN THE SLAB GRANULAR FILL ON ~25 FT CENTERS ACROSS THE EXTENT OF ALL SLABS ON GRADE INCLUDING THE PERIMETER INTERCONNECTED AS TO ALLOW AIRFLOW BETWEEN ALL TUBES.
2) TUBES SHALL CONNECT TO A HARD PVC PIPE CONNECTION THAT EXTENDS UP THROUGH THE SLAB THROUGH THE ROOF AT 12" ABOVE THE ROOF IN AS STRAIGHT OF A PATH AS POSSIBLE. THIS TUBE SHALL BE AIRTIGHT. THIS SHALL OCCUR IN TWO PLACES ON EACH BUILDING ROUGHLY AT THIRD POINTS ACROSS ITS LENGTH.
3) CAP TUBE AT ROOF AND MARK AS "FUTURE RADON SYSTEM".
4) ELECTRICAL CONTRACTOR SHALL PROVIDE A JUNCTION BOX IN THE ATTIC JUST BELOW EACH ROOF PENETRATION AND #12 WIRING BACK TO THE NEAREST HOUSE PANEL, CAPPED AND LABELED AS "FUTURE RADON SYSTEM" FANS.EACH WIRING RUN CAN BE SEPARATE OR TOGETHER.


MAIN FIRE SPRINKLER RISER
WATER FLOW SWITCH TO BELL/ALARM
DOUBLE CHECK VALVE
PRESSURE GAUGE
TO DRY SYSTEM LOOP
TO FIRE DEPARTMENT SIAMESE TO MATCH LOCAL REQUIREMENTS (STORZ) WITH 30 DEGREE OFFSET
SUPPORT
TO WATER MAIN
SUPPORT (TYP.)
DRY VALVE ASSEMBLY
2" MAIN DRAIN BALL VALVE. HARD PIPE TO FLOOR DRAIN.
STOP VALVE WITH TAMPER

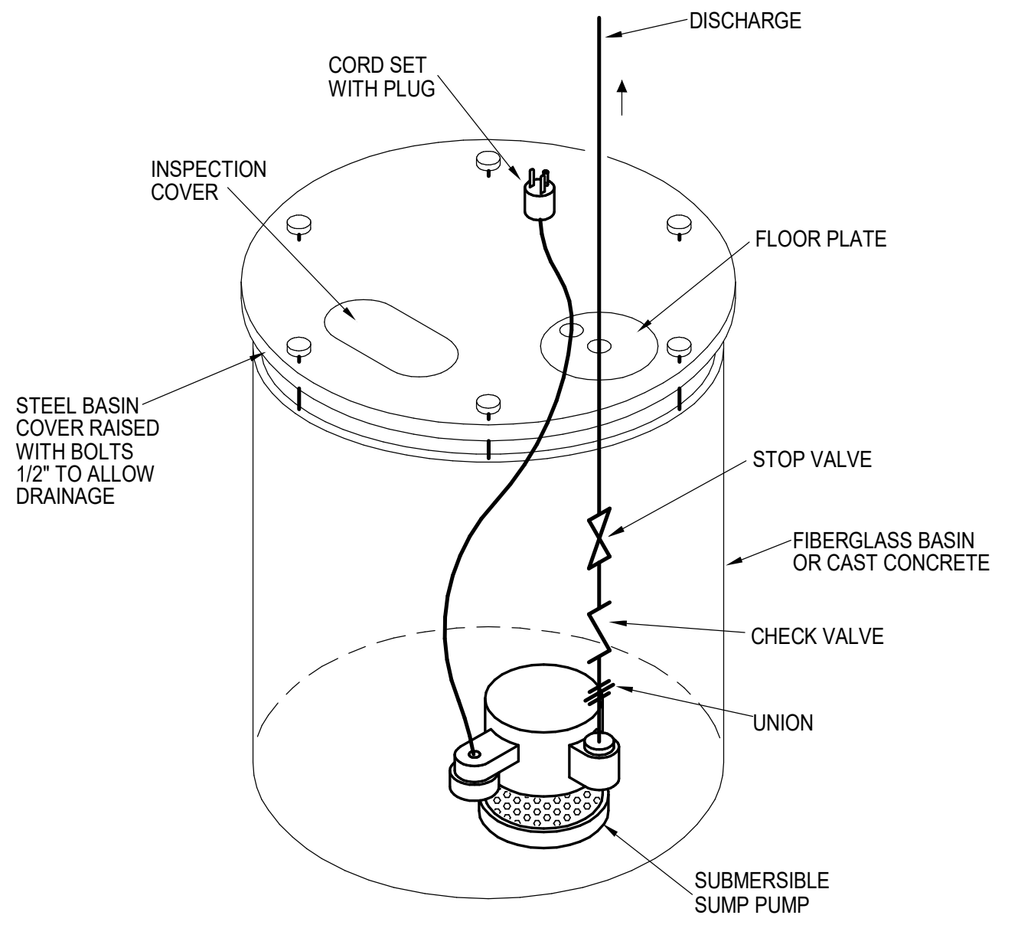
2 FIRE SUPPRESSION ENTRANCE DETAIL
NOT TO SCALE


MIN. 3'-0" DIA,. 12" THICK CONCRETE PAD
CLAY & BAILEY VALVE BOX AND COVER
GRADE
1" CHAMFER
MIN. 6"x6", #10x#10 WWM
12" MIN.
3" MIN. CLEAR
30° BEND
3" MIN. CLEAR
6" CAST IRON PIPE
SANITARY SEWER CLEANOUT
60° WYE BRANCH
GROUTED PLUG WHEN CLEANOUT OCCURS AT END OF LINE
POURED 8"x8"x16" CONCRETE

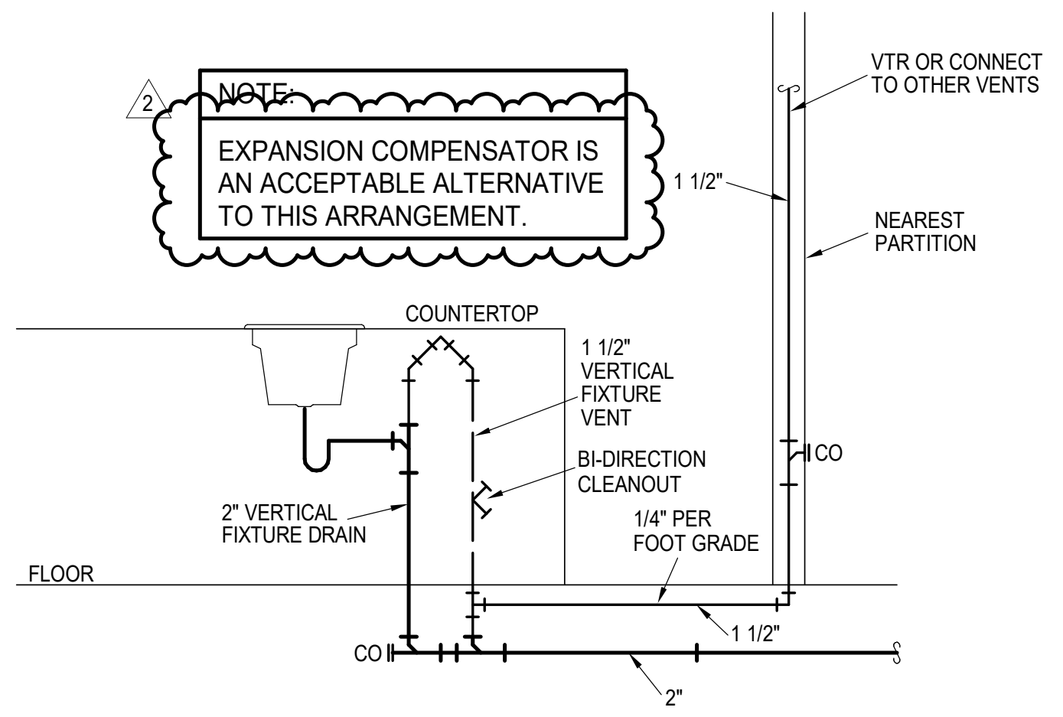
3 FLUSH GRADE CLEANOUT DETAIL
NOT TO SCALE

NOTES:

WATER IN PIT DRAINS INTO SUMP AND IS DISCHARGED TO GRADE. THIS IS AN ELECTRIC ELEVATOR SO NO HYDRAULIC FLUID IS PRESENT.



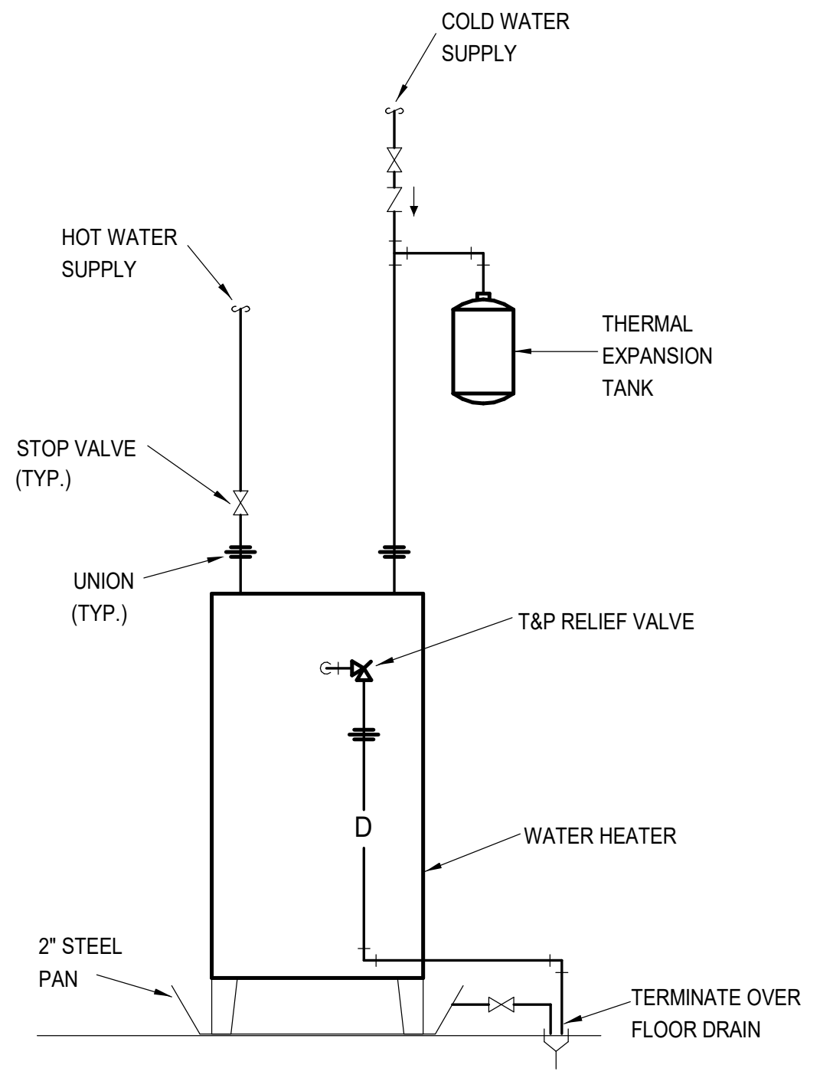
4 ELEVATOR SUMP PUMP DETAIL
NOT TO SCALE



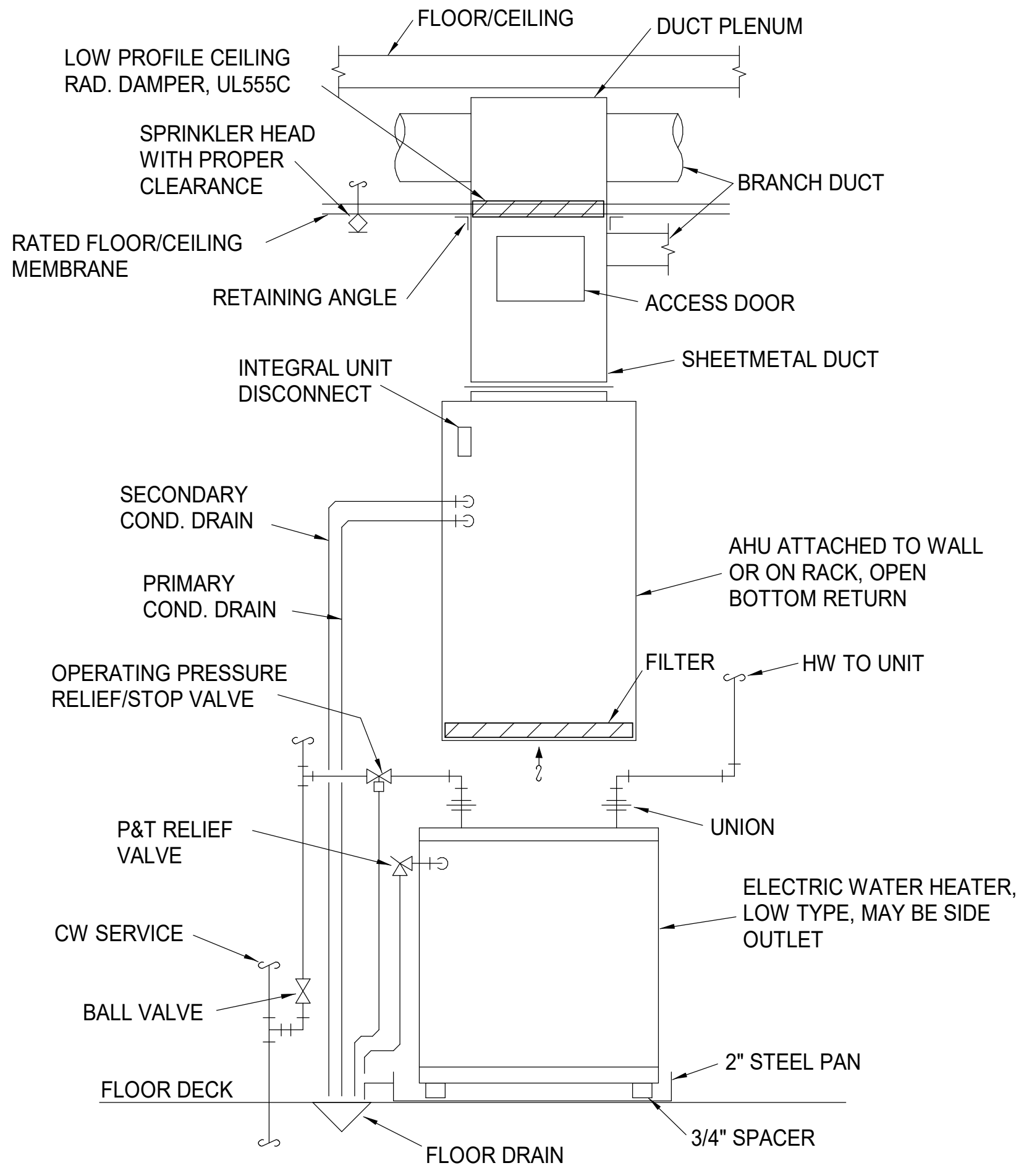
NOTE:

EXPANSION COMPENSATOR IS AN ACCEPTABLE ALTERNATIVE TO THIS ARRANGEMENT.

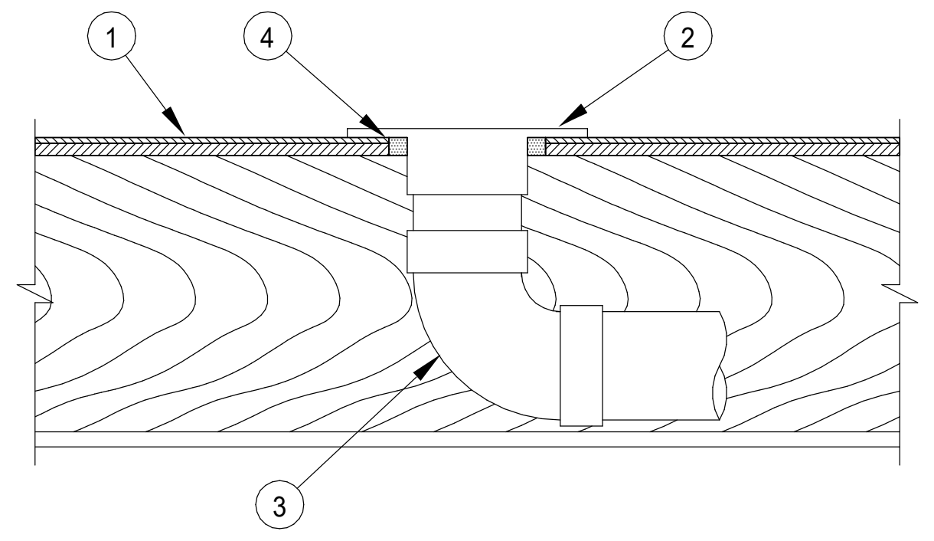
5 ISLAND VENT DETAIL
NOT TO SCALE



6 ELECTRIC WATER HEATER DETAIL WITH EXP TANK
NOT TO SCALE


FLOOR/CEILING
DUCT PLENUM
LOW PROFILE CEILING RAD. DAMPER, UL555C
SPRINKLER HEAD WITH PROPER CLEARANCE
BRANCH DUCT
RATED FLOOR/CEILING MEMBRANE
RETAINING ANGLE
ACCESS DOOR
SHEETMETAL DUCT
INTEGRAL UNIT DISCONNECT
SECONDARY COND. DRAIN
AHU ATTACHED TO WALL OR ON RACK, OPEN BOTTOM RETURN
PRIMARY COND. DRAIN
FILTER
HW TO UNIT
OPERATING PRESSURE RELIEF/STOP VALVE
UNION
P&T RELIEF VALVE
ELECTRIC WATER HEATER, LOW TYPE, MAY BE SIDE OUTLET
CW SERVICE
BALL VALVE
2" STEEL PAN
FLOOR DECK
3/4" SPACER
FLOOR DRAIN

7 APARTMENT AHU/WATER HEATER
NOT TO SCALE



NOTES:

1. Floor-Ceiling Assembly The 1 hr fire-rated solid or trussed lumber joist floor-ceiling assembly shall be constructed
of the materials and in the manner specified in the individual L500 Series Floor-Ceiling Designs in the UL Fire Resistance Directory. The general construction features of the floor-ceiling assembly are summarized below:

   A. Flooring System Lumber or plywood subfloor with finish floor of lumber, plywood or Floor Topping Mixture* as specified in the individual Floor-Ceiling Design. Max diam of opening shall be 5 in.

   B. Wood Joist* Nom 10 in. deep (or deeper) lumber, steel or combination lumber and steel joists, trusses or Structural Wood Members* with bridging as required and with ends firestopped.

   C. Gypsum Board* Nom 5/8 in. thick, 4 ft wide as specified in the individual Floor-Ceiling Design.

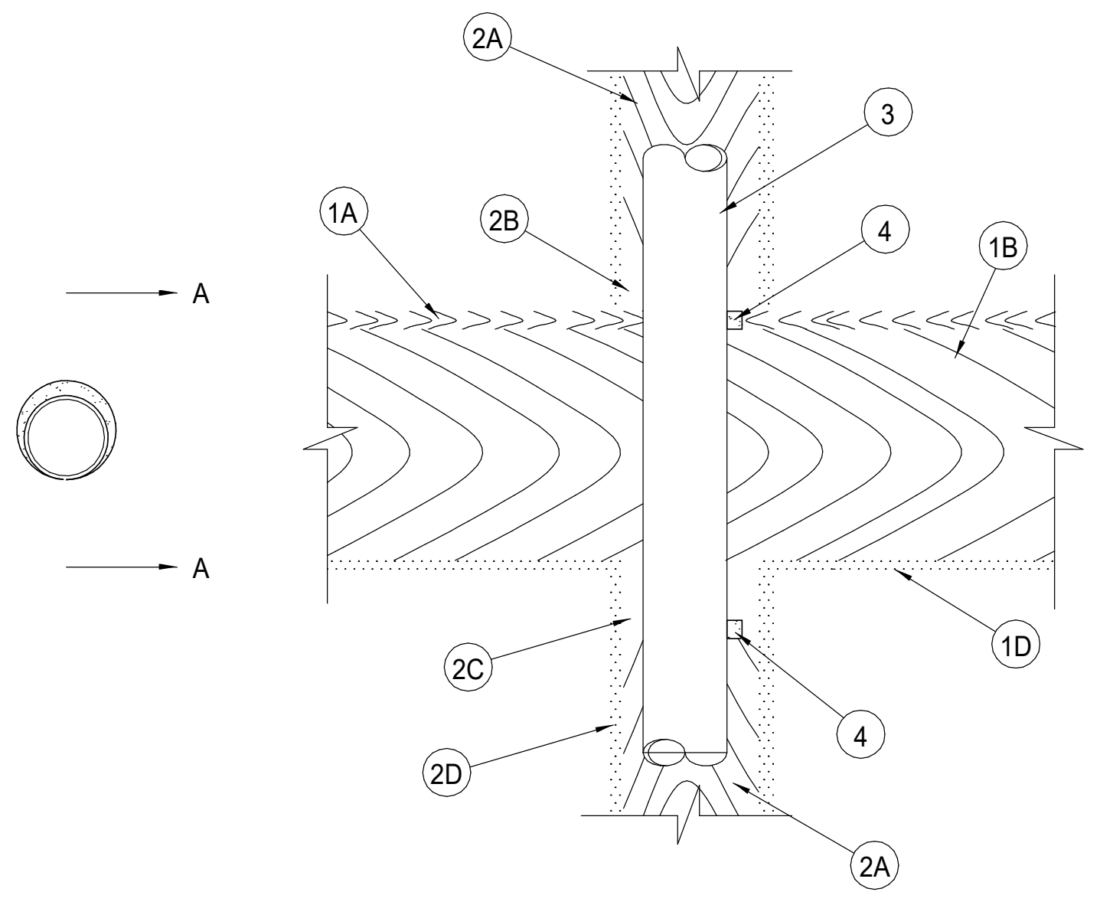
2. Closet Flange Acrylonitrile butadiene styrene (ABS) or polyvinyl chloride (PVC) closet stub sized to accommodate drain pipe. Closet flange installed over drain piping within floor opening with flange secured to plywood floor with steel screws. Diam of circular opening through flooring (Item 1A) to be max ½ in. larger than outside diam of closet flange.

3. Drain Piping Nom 4 in. diam (on smaller) Schedule 40 acrylonitrile butadiene styrene (ABS) or polyvinyl chloride (PVC) drain pipe and 90 degree elbow for use in vented (drain, waste or vent) piping systems. Pipe installed concentrically within firestop system.

4. Fill, Void or Cavity Materials*--Sealant Min 3/4 in. thickness of fill material applied within the annulus, flush with the bottom surface of floor.
HILTI CONSTRUCTION CHEMICALS, DIV OF
HILTI INC -- FS-ONE Sealant

5. Water Closet (Not Shown)--Floor mounted vitreous china water closet.
*Bearing the UL Classification Mark

8 FIRE RATED PENETRATION DETAIL
NO SCALE
SYSTEM FC-2203



NOTES:

1. Floor-Ceiling Assembly The fire-rated solid or trussed lumber joist floor-ceiling assembly shall be constructed of the materials and in the manner specified in individual L500 Series Floor-Ceiling Designs in the UL Fire Resistance Directory. The general construction details of the floor-ceiling assembly are summarized below:
   A. Flooring System Lumber or plywood subfloor with finish floor of lumber, plywood or Floor Topping Mixture* as specified in the individual Floor-Ceiling Design. Max diam of floor opening is 3 in.
   B. Wood Joists Nom 2 by 10 in. lumber joists spaced 16 in. OC with nom 1 by 3 in. lumber bridging and with ends firestopped. As an alternate to lumber joists, nom 10 in. deep (or deeper) lumber, steel or combination lumber and steel joists, trusses or Structural Wood Members* with bridging as required with ends firestopped.
   C. Furring Channels (Not shown) - Resilient galv steel furring installed perpendicular to wood joists (Item 1B) between wallboard (Item 1D) and wood joists as required in the individual Floor-Ceiling Design.
   D. Gypsum Board* Nom 4 ft wide by 5/8 in. thick as specified in the individual Floor-Ceiling Design.

2. Chase Wall The through penetrant (Item 3) shall be routed through a 1 hr fire-rated single, double or staggered wood stud/gypsum wallboard chase wall constructed of the materials and in the manner specified in the individual U300 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. Studs Nom 2 by 4 in. lumber studs.
   B. Sole Plate Nom 2 by 4 in. lumber plates.
   C. Top Plate The double top plate shall consist of two nom 2 by 4 in. lumber plates. Max diam of opening is 3 in.
   D. Gypsum Board* Thickness, type, number of layers and fasteners shall be as specified in individual Wall and Partition Design.

3. Through - Penetrants One nonmetallic pipe to be installed either eccentrically or concentrically within the firestop system. The annular space between the through penetrant and the periphery of the opening shall be a min 0 in. (point contact) to a max of 5/8 in. Pipe to be rigidly supported on both sides of the floor-ceiling assembly. The following types and sizes of nonmetallic pipes may be used.
   A. Polyvinyl Chloride (PVC) Pipe Nom 2 in. diam (or smaller) Schedule 40 cellular or solid core PVC pipe for use in closed (process or supply) or vented (drain, waste, or vent) piping systems.
   B. Acrylonitrile Butadine Styrene (ABS) Pipe Nom 2 in diam (or smaller) Schedule 40 cellular or solid core ABS pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.
   C. Chlorinated Polyvinyl Chloride (CPVC) Pipe Nom 2 in. diam (or smaller) SDR17 CPVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.

4. Fill, Void or Cavity Material* -- Sealant Min 3/4 in. thickness of fill material applied within the annulus, flush with top surface of floor and flush with bottom surface of lower top plate.
HILTI CONSTRUCTION CHEMICALS, DIV OF
HILTI INC - FS - ONE Sealant
*Bearing the UL Classification Marking

9 FIRE RATED PENETRATION DETAIL
NO SCALE
SYSTEM FC-2142

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JOB NO. 705921
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SHEET NAME MECHANICAL DETAILS
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LSA PROJECT NO. 2204061

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ARCH E1 30" x 42"

HVAC SYSTEM SCHEDULE

			AHU											OUTDOOR UNIT					
MARK	**MFGR**	**NOM TON**	**MODEL**	**CFM**	**OA CFM**	**E.S.P.**	**HP**	**SMBH**	**TMBH**	**HEAT CAP**	**ELEC**	**FLA**	**OCP**	**MODEL**	**ELEC**	**FLA**	**OCP**	**SEER**	**NOTES**
APARTMENTS																			
S1, A1	GOODMAN	1 1/2	AWUF1908C14	600		0.5	0.2	12.4	17.4	3.7 KW	208/1	20	30	GSXN3N18	208/1	9	15	14.0	
A2, A3, A4	GOODMAN	1 1/2	AWUF1908C14	600		0.5	0.2	12.4	17.4	5.6 KW	208/1	31	40	GSXN3N18	208/1	9	15	14.0	
B1, B2, B3, C1, C3	GOODMAN	2	AWUF2408C14	750		0.5	0.2	17.2	22.8	5.6 KW	208/1	31	40	GSXN3N24	208/1	12	15	14.0	
B4, C2, C4	GOODMAN	2 1/2	AWUF3010	950		0.5	0.33	21	28.8	7.5 KW	208/1	39	50	GSXN3N30	208/1	17	25	14.0	
D1, PH	GOODMAN	3	AWUF3610	1200		0.5	0.33	24.7	33	7.5 KW	208/1	39	50	GSXN3N36	208/1	20	30	14.0	
COMMON AREAS																			
HH1	GOODMAN	1.5	ARUF25B14	600-750	110	0.3	0.25	13.5	17.8	6 KW	208/1	31	40	GSXN3-0181	208/1	6.7	15	14.0	
HB5, HC1, HC2, HG1, HG2, HG3, HG4	GOODMAN	2	ARUF25B14	800-975	120	0.4	0.33	16.9	23.0	7.2 KW	208/1	37	50	GSXN3-0241	208/1	8.4	15	14.0	
HA1	GOODMAN	2.5	ARUF31B14	1000-1100	130	0.4	0.33	21.0	28.2	7.2 KW	208/1	37	50	GSXN3-0301	208/1	13.8	25	14.0	
HB1, HB2, HB3, HB4, HB6, HE1, HE2, HJ2	GOODMAN	3	ARUF-37C14	1100-1350	160	0.5	0.5	25.8	33.0	7.5 KW	208/1	40	50	GSXN3-037	208/1	15	30	14.0	
HA2, HD1, HD2, HF1, HF2, HJ1	GOODMAN	4	ARUF47D14	1400-1600	250	0.4	0.5	32	45	10.8 KW	208/1	55	70	GSXN3-0481	208/1	21.2	45	14.0	
HB7	GOODMAN	5	ARUF61D14	1750-1980	280	0.4	0.75	40	57	14.4 KW	208/1	73	90	GSXN3-0601	208/1	26.3	50	14.0	
GUEST SUITE	GOODMAN	1.5	ACNF180016	600		0.5	0.2	12.3	16.4	4.3 KW	208/1	25	30	GSXN3-0181	208/1	6.7	15	14.0	
DSS-IT	FUJITSU	1.5	ASU18RLF	540	0	0			18	21 MBH	208/1	W/HP		AOU18RXLFW1	208-240/1	13	25	19	WALL STAT, LOW AMB
DSS-STAIR/MAINT	FUJITSU	2	ASU24RLF	700	0	0			22	25 MBH	208/1	W/HP		AOU24RXLFW1	208-240/1	15.5	25	19	WALL STAT, LOW AMB

COOLING EAT = 80/67/95
PROVIDE EACH UNIT WITH FILTER AND RACK, SINGLE POINT BREAKER, T'STAT. SEE SPECS.
UNLESS OTHERWISE SHOWN, TSTAT IS INSTALLED BEHIND RETURN AIR GRILL.

ELECTRIC UNIT HEATER SCHEDULE

						ELECTRICAL				
MARK	**MFGR**	**MODEL**	**KW**	**MBH**	**CFM**	**VOLTS/ PH**	**FLA**	**OCP**	**WIRING**	**CONFIGURATION - NOTES**
EUH - A	QMARK	AWH4404	3.0	10.2	100	208/1	14.4	20	(3) #12	WALL, 1, 2, 4
EUH - B	QMARK	MWUH7504	3.8	17.0	270	208/1	18	25	(3) #10	SUSPENDED, 4
EUH-C	QMARK	MWUH7504	5.6	25.5	270	208/1	27	35	(2) #8, (1) #10	SUSPENDED, 4
EUH - D	BERKO	SRC-1512	1.5	5.1	65	120/1	12	20	(3) #12	CEILING, 1, 4, 5

NOTES:
1-SURFACE MOUNTED
2-NO EXPOSED CONTROL KNOBS
3-FULLY RECESSED
4-DISCONNECT
5-WALL T'STAT - HONEYWELL T3000

WATER HEATER SCHEDULE

MARK	MFGR	MODEL	FUEL	VOLTAGE/PH/ AMPS	INPUT	EFFICIENCY/ PF	GALLONS STORAGE	GPH RECOVERY @ 80° RISE	FLUE TYPE	EXPANSION	CIRCULATOR GPM/HD	NOTES
WH-C3	A.O. SMITH	EMT-1.0	ELEC	120/1/13	1.4 KW	N/A	1	7	N/A	RELIEF V.		1, 2
WH-C1, C2, M	A.O. SMITH	ENJ-40	ELEC	208/1/19	4.5 KW	0.95	35	23	N/A	RELIEF V.	5/15'	1, 2, 3
	A.O. SMITH	EJC-10	ELEC	120/1/14	1.5 KW	NA	9	7	N/A	RELIEF V.		1, 2
TYP APT, 1/3	A.O. SMITH	ENJ-40	ELEC	208/1/19	4.5 KW	0.95	35	23	N/A	RELIEF V.		1, 2

2

NOTES
1- PROVIDE ASME P&T VALVE, DRAIN VALVE
2- PROVIDE COMBINATION STOP AND OPERATING PRESSURE RELIEF VALVE
3- PROVIDE GRUNDFOS CIRCULATOR WITH BUILT-IN OR STRAP-ON T'STAT, 120 V, WITH ISOLATION AND CHECK VALVES

DRAIN SCHEDULE

MARK	APPLICATION	MFGR	MODEL	BODY MAT'L	DEPTH	GRATE MAT'L	GRATE SHAPE	ACCESSORIES
APT FD	FLOOR	SIOUX CHIEF	842	ABS/PVC	3"	NICKEL BRONZE	6" SQUARE	2
FD-1	FLOOR	ZURN	ZN-415S	COATED CAST IRON	3"	NICKEL BRONZE	6" ROUND	1, 2
FD-2	FLOOR	ZURN	Z-611-S	COATED CAST IRON	6"	COATED CAST IRON	9" SQUARE	1, 2, 3
RD-1	ROOF	SIOUX CHIEF	868	ABS/PVC	6"	POLY	DOME	
RD-2	ROOF	SIOUX CHIEF	868-STP2	ABS/PVC	6"	POLY	DOME	4

ACCESSORIES:
1 - DEEP TRAP, ADJUSTABLE GRATE
2 - USE WIDE FLANGE MODEL WHERE IN WOOD CONSTRUCTION
3 - INTERNAL STRAINER
4 - 2" DAM FOR OVERFLOW SERVICE

EXHAUST FAN SCHEDULE

						ELECTRICAL				
MARK	MFGR	MODEL	CFM	ESP	FAN HP	VOLTS/ PH	FLA	OCP	WIRING	CONFIGURATION - NOTES
TYPICAL AMENTIY EF	GREENHECK	SP-A110	75	0.25	Fr.	120/1	1	15	(3) #12	ceiling, 1, 2
APT EF	BROAN	670	70	0.1	Fr.	120/1	1	15	(3) #12	wall 4

NOTES:
1-CEILING GRILLE, CRD
2-BD DAMPER, DS, SPEED CONTROLLER, WALL/ROOF CAP
3-BD, CO/NO2 SENSING SYSTEM, BACK GUARD
4-HUMIDITY SENSING

AIR TERMINAL DEVICE SCHEDULE

MARK	**MANUFACTURER**	**MODEL**	**FINISH**	**DAMPER**	**FRAME TYPE**	**NOTES**
A	AIR MATE	A190	WHITE	YES	GYP BD	
B	AIR MATE	170	WHITE	NO	GYP BD	
B1	AIR MATE	170	WHITE	YES	GYP BD	
C	AIR MATE	240 VO	WHITE	YES	GYP/WALL	
D	PRICE	620DAL/N/L/A/B12	WHITE	YES	GYP. BD.	W/CRD
E	PRICE	635DAL/L/A/B12	WHITE	YES	GYP. BD.	
E1	PRICE	635DAL/L/A/B12	WHITE	YES	GYP. BD.	W/CRD
F	PRICE	LBP16B/1000/VCS3/A/SPL	MILL ALUM.	YES	GYP/WALL	

PLUMBING FIXTURE SCHEDULE

Mark	Item	Model	Description	Individual Connections				Accessories					
				W	V	CW	HW	Supplies	Stops	Carrier	P-Trap	Drain	Other
P-1	Water Closet, Tank Type - UNITS	SEE FINISH SCHEDULE ON SHEET A6.20 FOR SPEC	Floor-mounted standard height white vitreous china elongated bowl 1.6 gpf gravity type with Fluidmaster 400A flush mechanicsm and bolt covers. Provide solid plastic open front elongated white seat with integral bumpers, external check hinges with stainless steel posts.	3" or 4"	2"	1"		2					
P-1P	PUBLIC TOILET	SEE ID FOR SPEC		3" or 4"	2"	1"		2					
P-1HP	PUBLIC TOILET ADA	SEE ID FOR SPEC		3" or 4"	2"	1"		2					
P-2	Lavatory, Countertop	SEE FINISH SCHEDULE ON SHEET A6.20 FOR SPEC		2"	1 1/2" or 2"	1/2"	1/2"	2	1		1	1	
P-2P	PUBLIC LAVATORY	SEE ID FOR SPEC		2"	1 1/2" or 2"	1/2"	1/2"	2, 4	1		1	1	
P-3	Bathtub	SEE FINISH SCHEDULE ON SHEET A6.20 FOR SPEC		2"	2"	1/2"	1/2"				2		
P-3S	SHOWER PAN	SEE FINISH SCHEDULE ON SHEET A6.20 FOR SPEC		2"	2"	1/2"	1/2"				2		
P-4	Kitchen Sink	SEE FINISH SCHEDULE ON SHEET A6.20 FOR SPEC		2"	2"	1/2"	1/2"	1	1		2	2	
P-4P1	Kitchen Sink Break Room	SEE FINISH SCHEDULE ON SHEET A6.20 FOR SPEC		2"	2"	1/2"	1/2"	1	1		2	2	
P-4P2	Kitchen Sink Lobby	SEE FINISH SCHEDULE ON SHEET A6.20 FOR SPEC		2"	2"	1/2"	1/2"	1	1		2	2	
P-5	Washer Box	Guy Gray #WB200HATM	Recessed non-metallic with dual PVC/ABS 2" outlets, two angle quarter turn stops with built-in shock absorbers.	2"	2"	1/2"	1/2"	1			3		
P-6	Water Outlet Box	Guy Gray #BIM877QTS	Recessed non-metallic with two angle quarter turn stops.			1/2"		1					
P-7	PUBLIC URINAL	SEE ID FOR SPEC		2"	2"	3/4"		3		1			
P-8	Janitor's Sink	Fiat #MSB-2424	24" x 24" x 10" white molded stone with stainless steel integral drain, chrome plated brass wall mounted faucet with VB, integral stops, adjustable wall brace, pail hook, 3/4" hose threaded spout and wall shileds.	2" or 3"	2"	1/2"	1/2"				2		2
P-9	Accessible Dual Height Water Cooler with Bottle Filler	Elkay #LZSTL8WS	ADA compliant dual bowl cooler. Provide front and side push bars, lead free, mounted with 27" knee clearance and spout no more than 36" AFF. Provide integral bottle filler.	2"	1 1/2" or 2"	1/2"	1/2"	2	1		1		1
P-10	PUBLIC KITCHEN SINK	SEE ID FOR SPEC		2"	2"	1/2"	1/2"	2	1		1		
P-11	Dog Wash	PET TUBS #PRD-58-4-R	58" long, 28" wide, 40" tall Polyethylene pet wash with ramp. Include with Accessory package.	2"	1 1/2" or 2"	1/2"	1/2"	2, 4	1	1	1	1	

Supplies	1 - Flexible braided stainless steel 2 - Flexible braided compression hose. 3 - Sloan Royal 186 1.0 gpf diaphragm type. 4 - Public lavatories to have ASSE 1070 thrmostatic mixing valve
Stops	1 - Angle handle compression
Carrier	1 - Steel tube floor-mounted in-wall carrier with arms
P-Trap	1 - PVC with deep escutcheon 2 - PVC 3 - deep seal PVC trap and 30" standpipe.
Drain	1 - Metal pop-up with tailpiece 2 - Basket strainers in finish to match faucet, tailpiece.
Other	1 - Provide trap and supply guard if exposed. 2 - Hose and bracket, mop hanger and hose rack.

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SHEET NO. MP1.04

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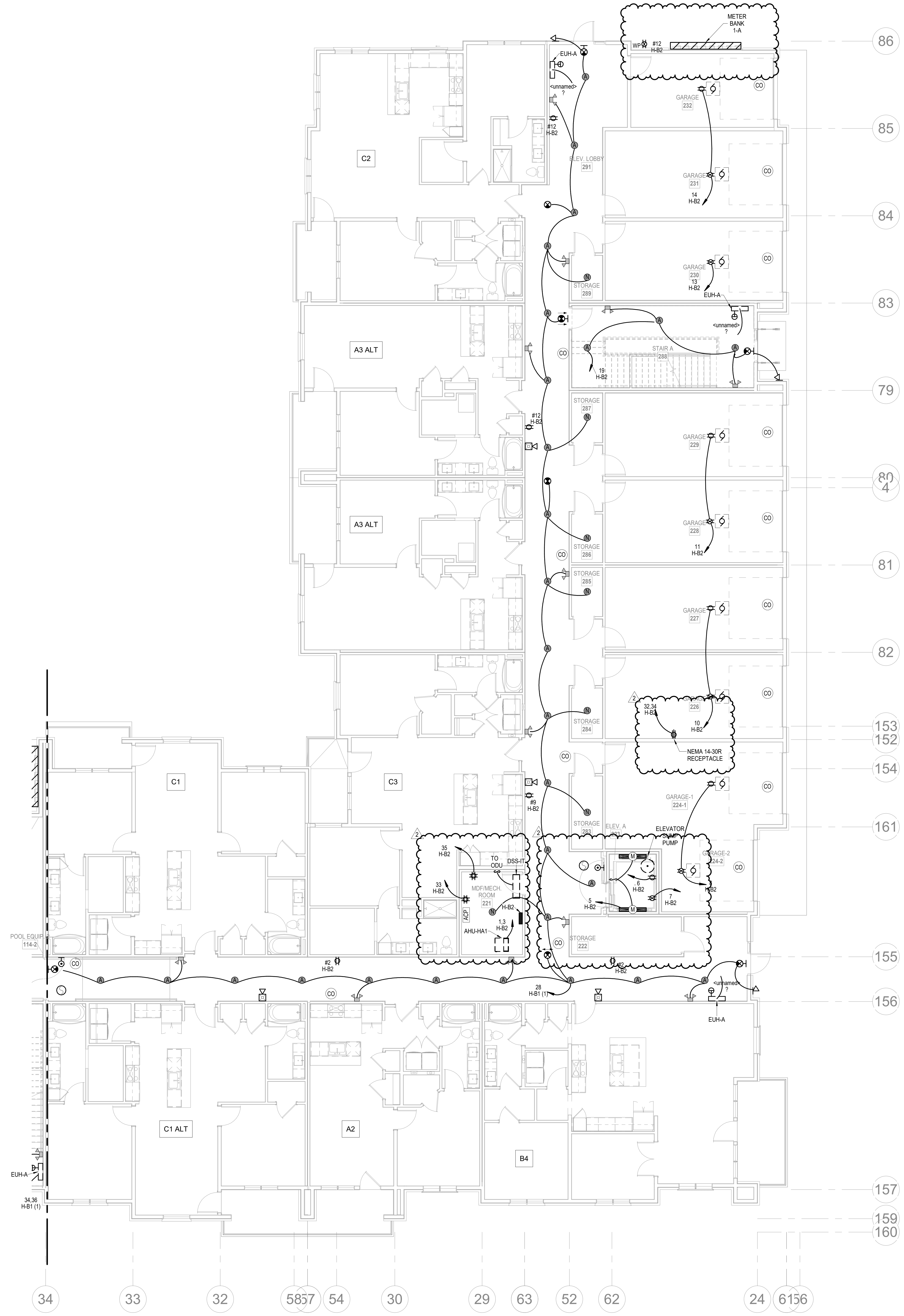
ARCH E1 30" x 42"



1 1ST FLOOR - SEGMENT A

ELECTRICAL
1/8" = 1'-0"

NORTH

NOTES:

1. COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
2. SEE FIRE SUPPRESSION SUBMITTALS AND INCORPORATE ALL DEVICES INTO FIRE ALARM.
3. EXIT LIGHTS SHALL BE VISIBLE TO OCCUPANTS.
4. PROVIDE NEC CLEARANCES FOR ALL PANELS AND ELECTRICAL EQUIPMENT.
5. FOLLOW THE DRAWINGS FOR HOME RUNS AND CIRCUIT NUMBERS. DO NOT COMBINE CIRCUITS IN LARGER CONDUITS UNLESS PRE-APPROVED BY THE ENGINEER.
6. LABEL ALL JUNCTION BOXES AS TO THE PANEL AND CIRCUIT NUMBER SERVED.
7. PANEL DIRECTORIES SHALL BE SPECIFIC TO THE ROOMS/EQUIPMENT SERVED.
8. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS AND DETAILS.
9. SEE TELECOM DETAILS FOR MISCELLANEOUS POWER NEEDS.
10. ALL DISC FIXTURES ARE TYPE A UNLESS NOTED OTHERWISE
    ALL CLOSET FIXTURES ARE TYPE N UNLESS NOTED OTHERWISE
    ALL ⊗ ⊗ ⊗ FIXTURES ARE TYPE X1 UNLESS NOTED OTHERWISE
    ALL ⊗ FIXTURES ARE TYPE X2 UNLESS NOTED OTHERWISE
    ALL ▽▽ FIXTURES ARE TYPE X3 UNLESS NOTED OTHERWISE
    ALL ▽ FIXTURES ARE TYPE X4 UNLESS NOTED OTHERWISE
11. LIGHTING AND RECEPTACLES IN STAIR TOWER TO BE ON SINGLE CIRCUIT.
12. VERTICALLY ALIGNED FLOOR TO FLOOR RECEPTACLES TO BE ON SINGLE CIRCUIT
13. REVIEW HVAC PLANS FOR FIRE/SMOKE DAMPERS AND CONNECT TO 120V AND FIRE ALARM.

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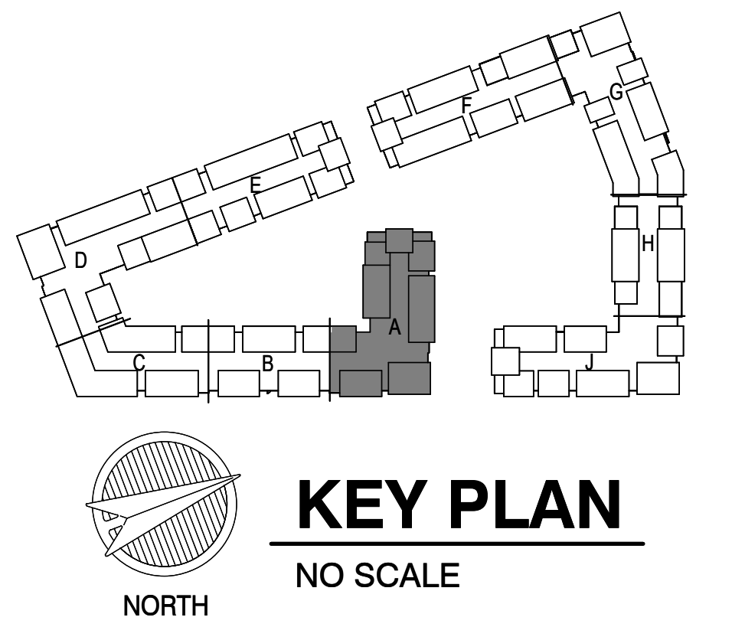

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KEY PLAN

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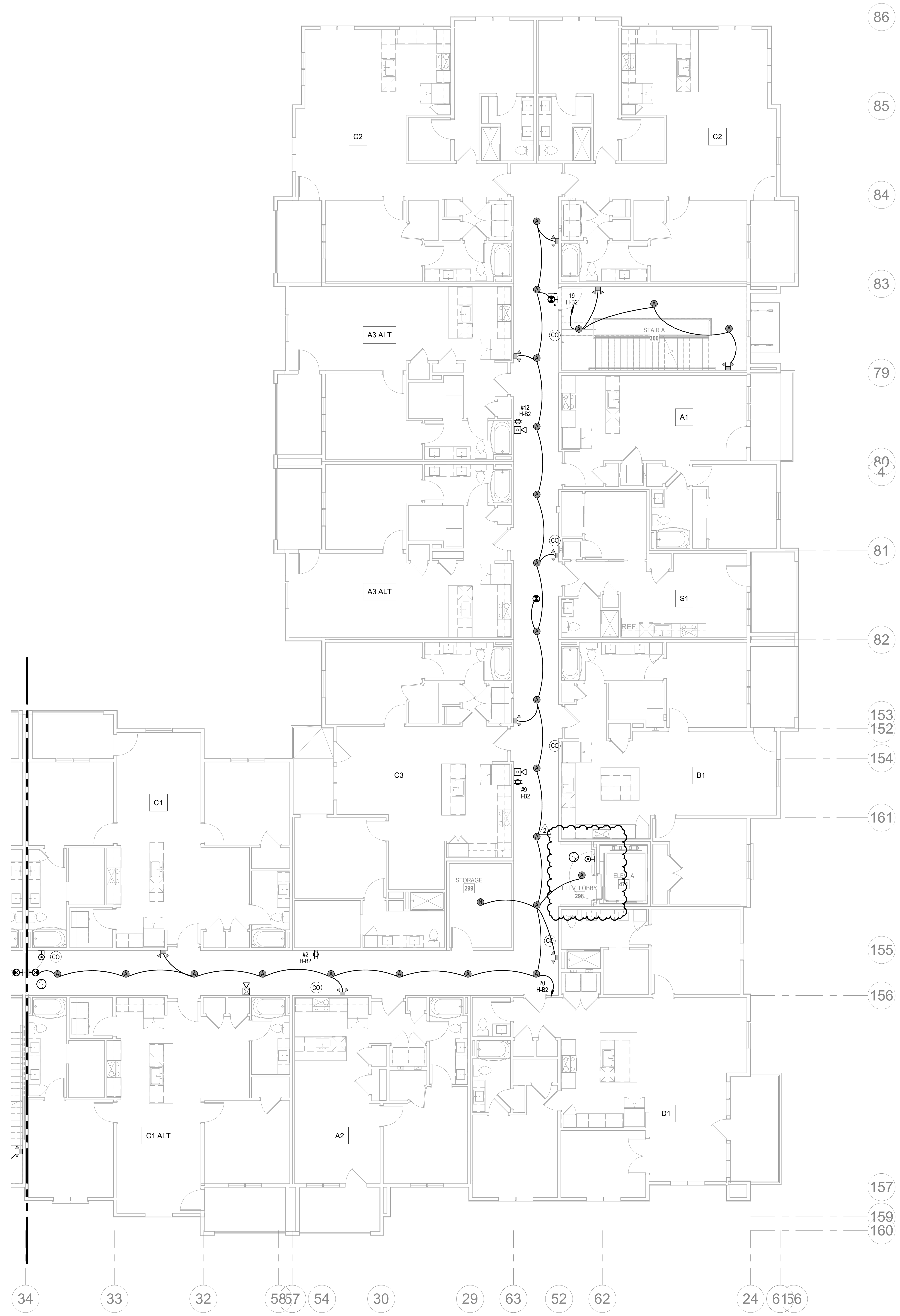
ARCH E1 30" x 42"



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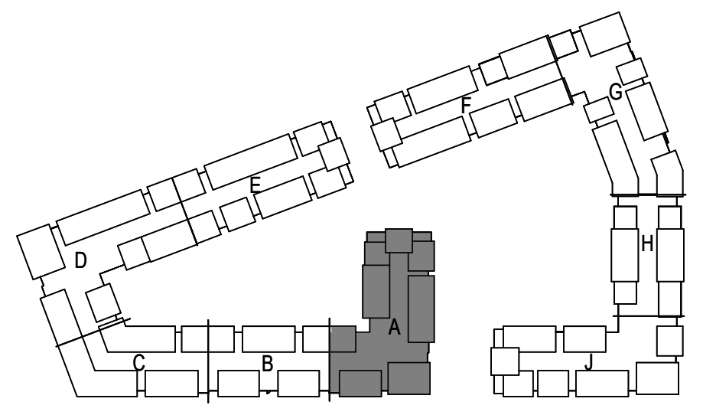

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KEY PLAN

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ARCH E1 30" x 42"

NOTES:

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3. EXIT LIGHTS SHALL BE VISIBLE TO OCCUPANTS.
4. PROVIDE NEC CLEARANCES FOR ALL PANELS AND ELECTRICAL EQUIPMENT.
5. FOLLOW THE DRAWINGS FOR HOME RUNS AND CIRCUIT NUMBERS. DO NOT COMBINE CIRCUITS IN LARGER CONDUITS UNLESS PRE-APPROVED BY THE ENGINEER.
6. LABEL ALL JUNCTION BOXES AS TO THE PANEL AND CIRCUIT NUMBER SERVED.
7. PANEL DIRECTORIES SHALL BE SPECIFIC TO THE ROOMS/EQUIPMENT SERVED.
8. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS AND DETAILS.
9. SEE TELECOM DETAILS FOR MISCELLANEOUS POWER NEEDS.
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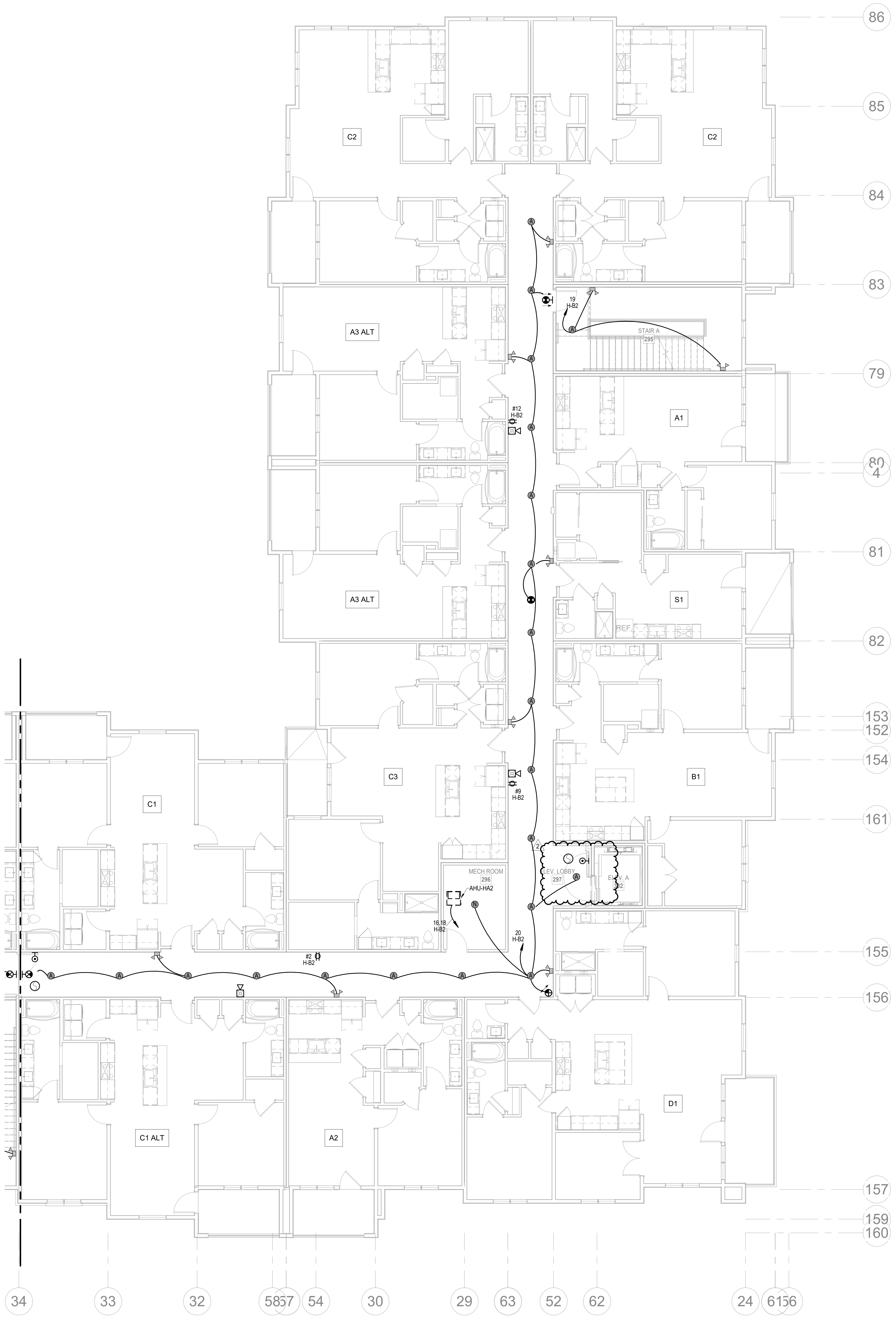
    ALL ▽ FIXTURES ARE TYPE X4 UNLESS NOTED OTHERWISE
11. LIGHTING AND RECEPTACLES IN STAIR TOWER TO BE ON SINGLE CIRCUIT.
12. VERTICALLY ALIGNED FLOOR TO FLOOR RECEPTACLES TO BE ON SINGLE CIRCUIT
13. REVIEW HVAC PLANS FOR FIRE/SMOKE DAMPERS AND CONNECT TO 120V AND FIRE ALARM.



1 3RD FLOOR - SEGMENT A

ELECTRICAL
1/8" = 1'-0"

NORTH

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RICHARD R. BEARDMORE
PROFESSIONAL ENGINEER
04/28/2023

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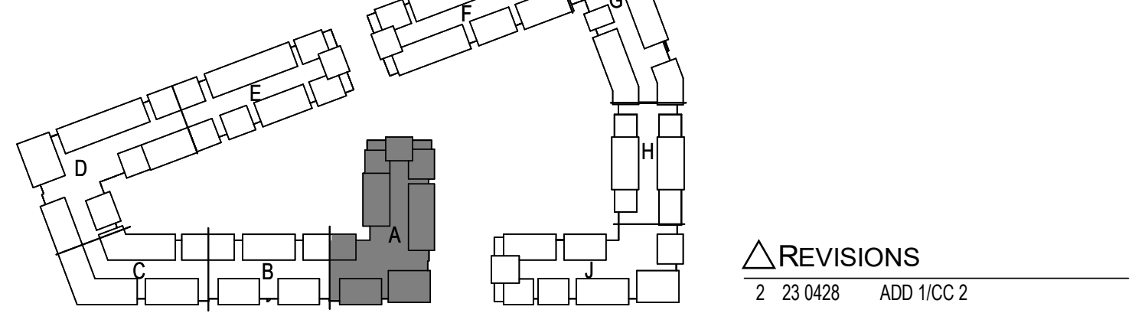

△REVISIONS

2 23 0428 ADD 1/CC 2

KEY PLAN

NO SCALE

NORTH

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8625 College Boulevard, Suite 102
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Email: lsapa@lsapa.com
LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT A - 3RD FLOOR - ELECTRICAL
SHEET NO.
E1.03

5/1/2023 3:48:27 PM

ARCH E1 30" x 42"

NOTES:

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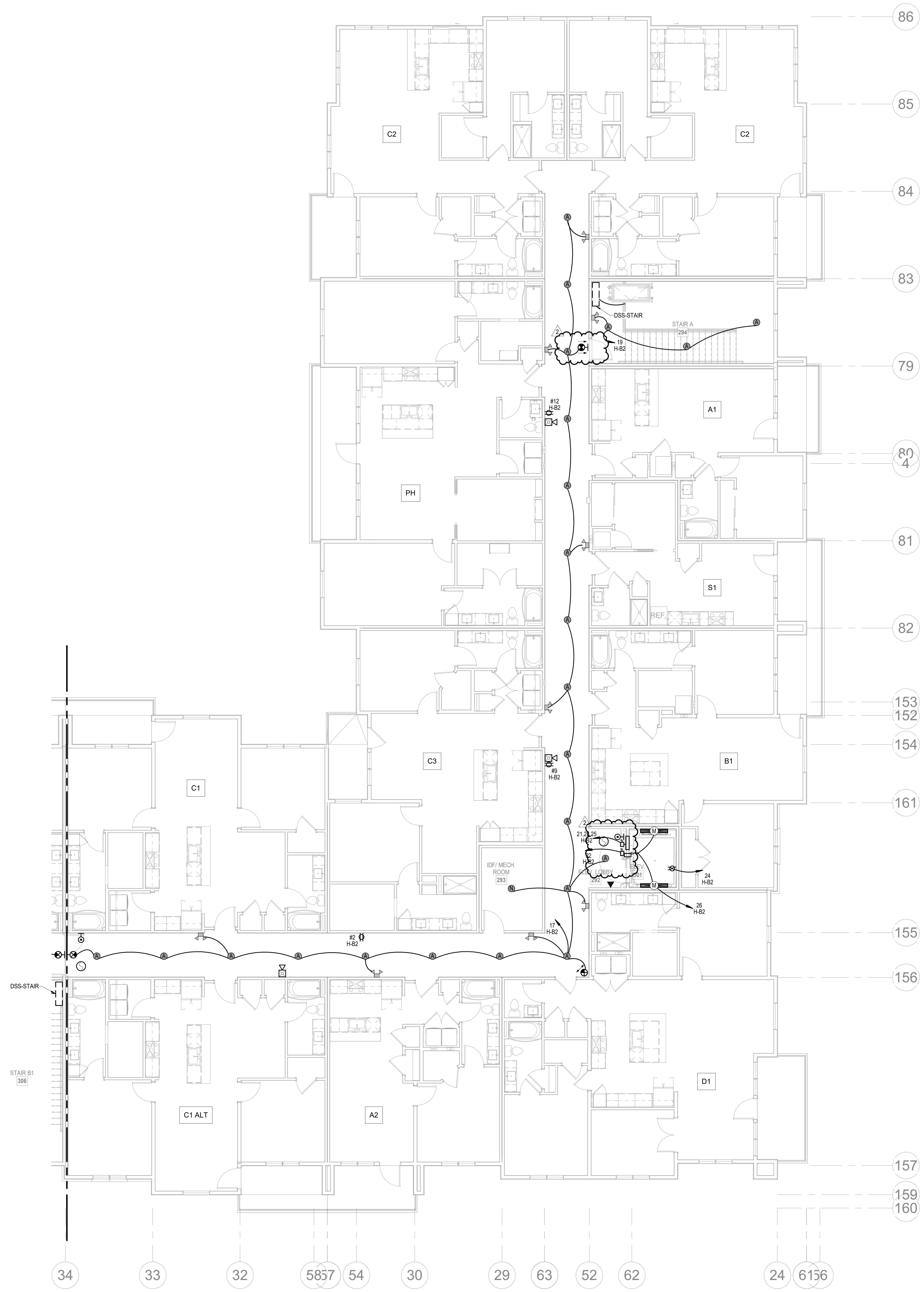
PROFESSIONAL ENGINEER

04/28/2023



1 4TH FLOOR - SEGMENT A

ELECTRICAL
1/8" = 1'-0"

NORTH

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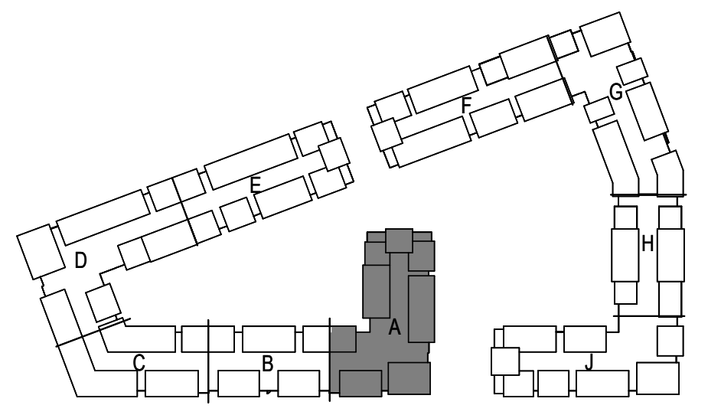

△REVISIONS
2 23 0428 ADD 1/CC 2

NORTH

KEY PLAN

NO SCALE

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LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT A - 4TH FLOOR - ELECTRICAL
SHEET NO.
E1.04

5/1/2023 3:48:29 PM

ARCH E1 30" x 42"

NOTES:

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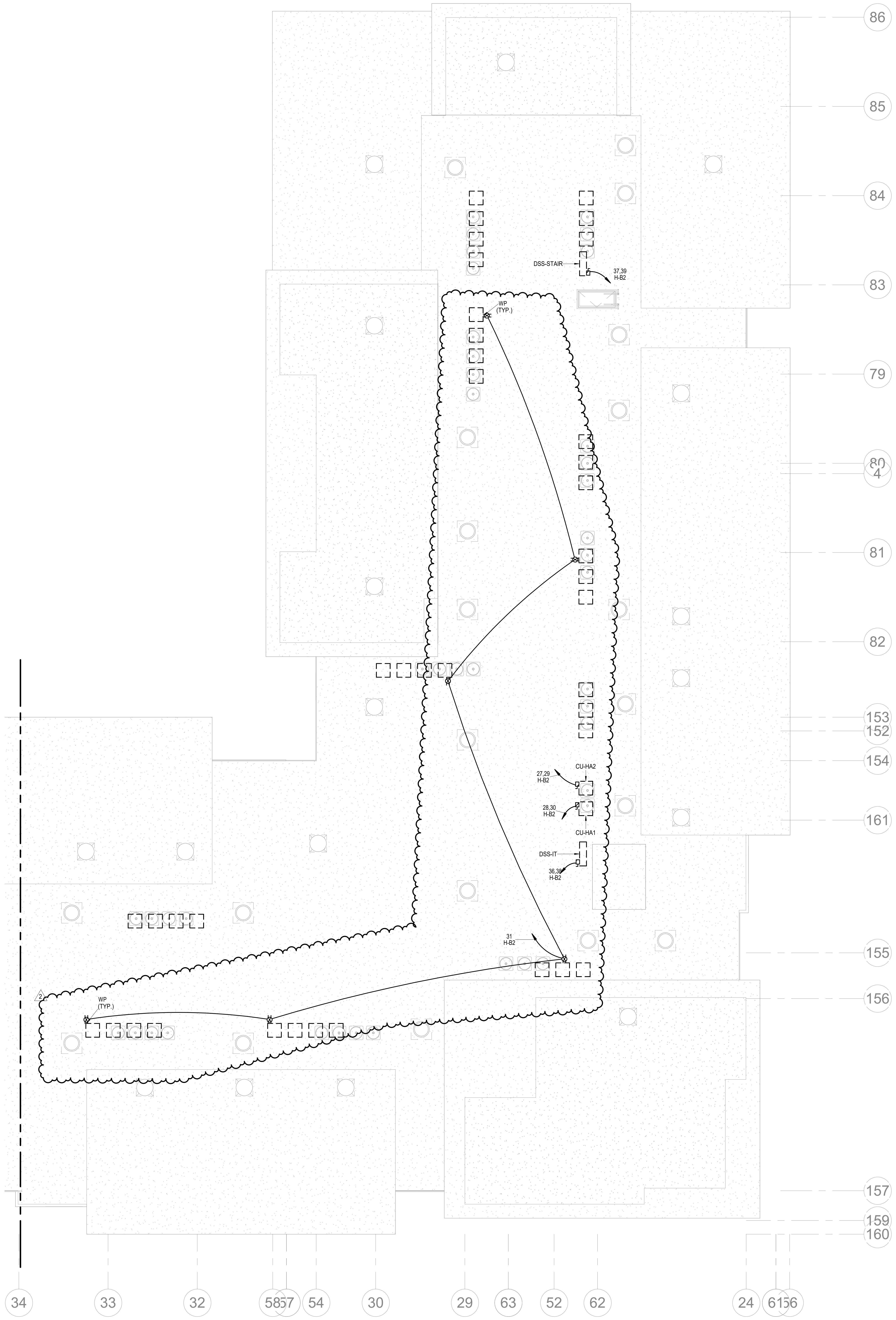

NORTH

1 ROOF PLAN - SEGMENT A

ELECTRICAL
1/8" = 1'-0"

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04/28/2023

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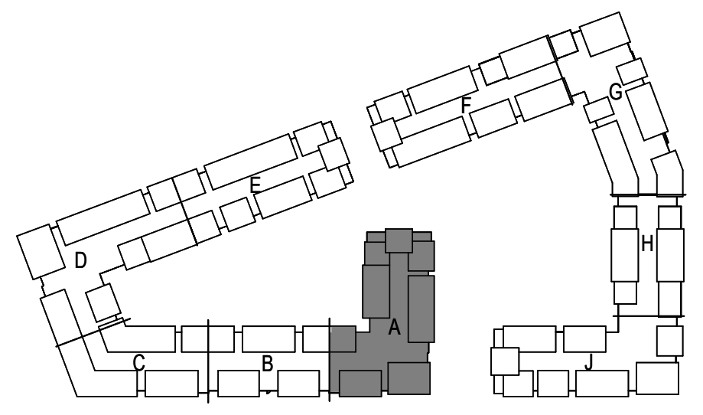

NORTH

KEY PLAN

NO SCALE

△REVISIONS

2 23 0428 ADD 1/CC 2

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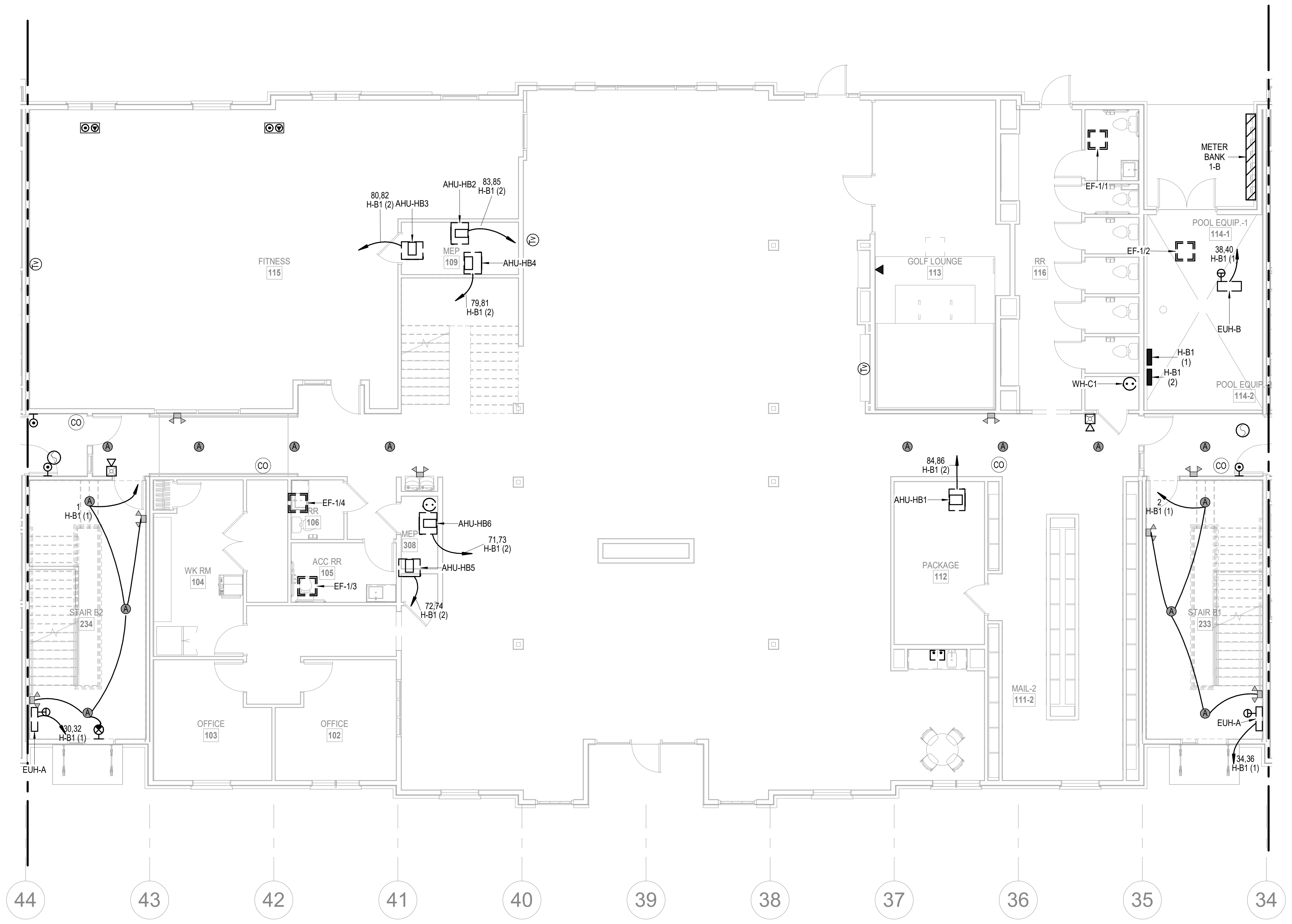
LSA PROJECT NO. 2204061

JOB NO.
705921
DATE
03.15.2023
DRAWN BY
LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT A - ROOF PLAN - ELECTRICAL
SHEET NO.
E1.05

5/1/2023 3:48:31 PM

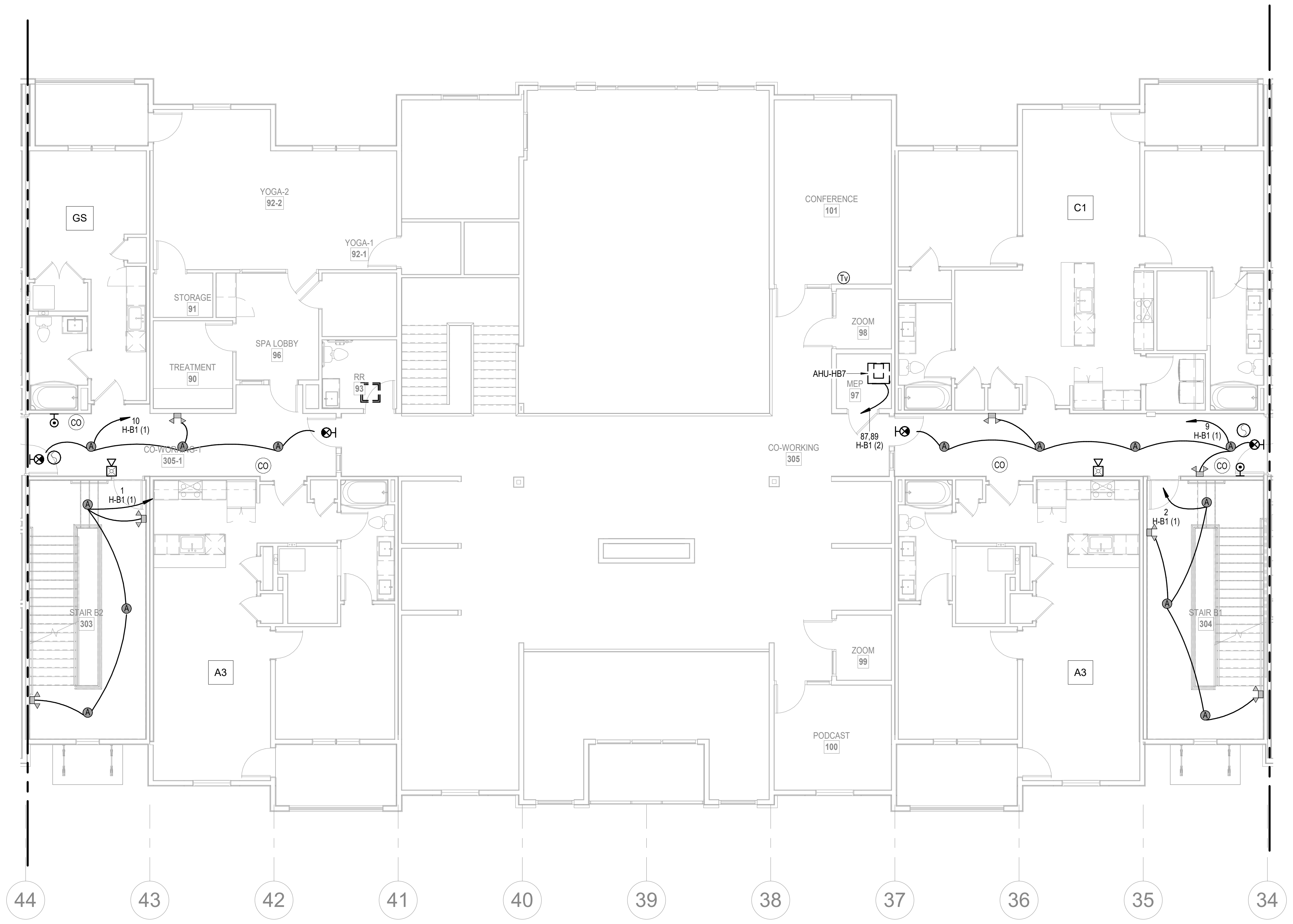
ARCH E1 30" x 42"



NORTH

1 1ST FLOOR - SEGMENT B

ELECTRICAL
1/8" = 1'-0"



NORTH

2 2ND FLOOR - SEGMENT B

ELECTRICAL
1/8" = 1'-0"

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RICHARD R. BEARDMORE
04/28/2023

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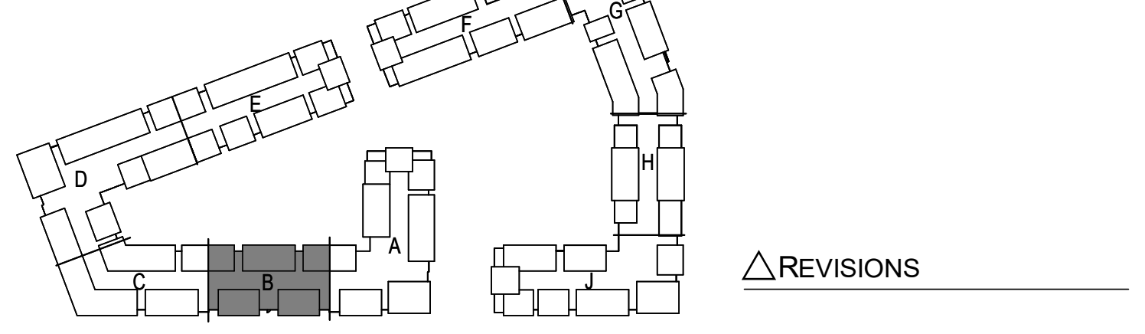

NORTH

KEY PLAN

NO SCALE

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LSA PROJECT NO. 2204061

JOB NO.	DATE
705921	03.15.2023

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LSA CAD

4/28/2023 ADDENDUM 1/ CITY COMMENTS #2

SHEET NAME
SEGMENT B - 1ST & 2ND FLOOR - ELECTRICAL

SHEET NO.
E1.06

5/1/2023 3:48:35 PM

ARCH E1 30" x 42"

NOTES:

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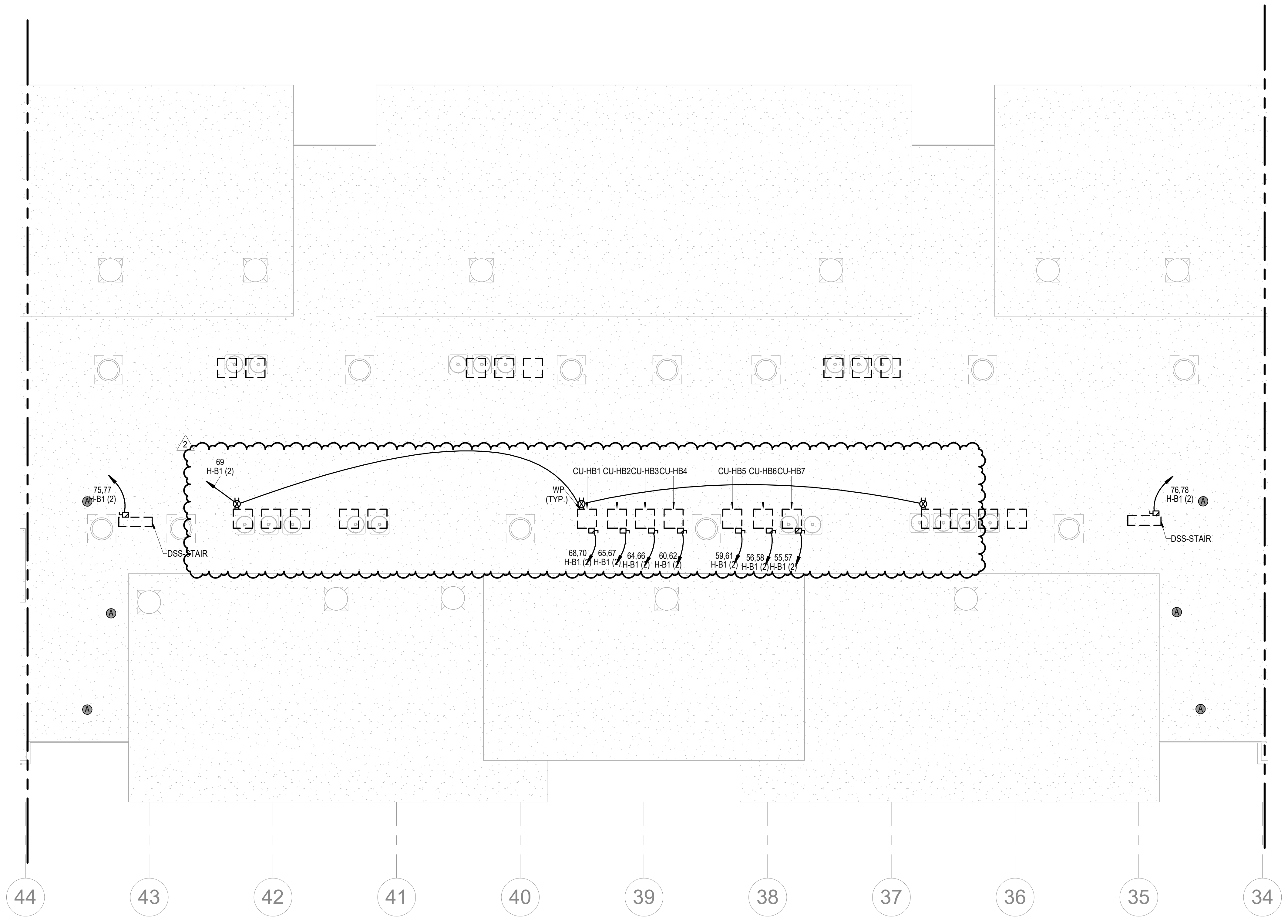
STATE OF MISSOURI
RICHARD R. BEARDMORE
PROFESSIONAL ENGINEER

04/28/2023



NORTH

1 **ROOF PLAN - SEGMENT B**
ELECTRICAL
1/8" = 1'-0"

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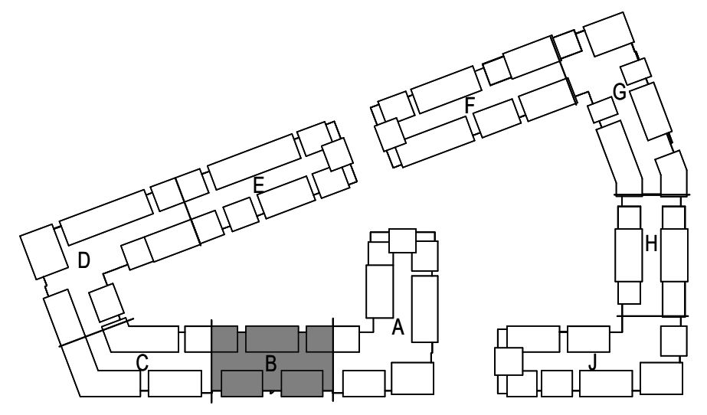

NORTH

KEY PLAN
NO SCALE

△REVISIONS

2	23 0428	ADD 1/CC 2

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LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT B - ROOF PLAN - ELECTRICAL
SHEET NO.
E1.08

5/1/2023 3:48:37 PM

ARCH E1 30" x 42"

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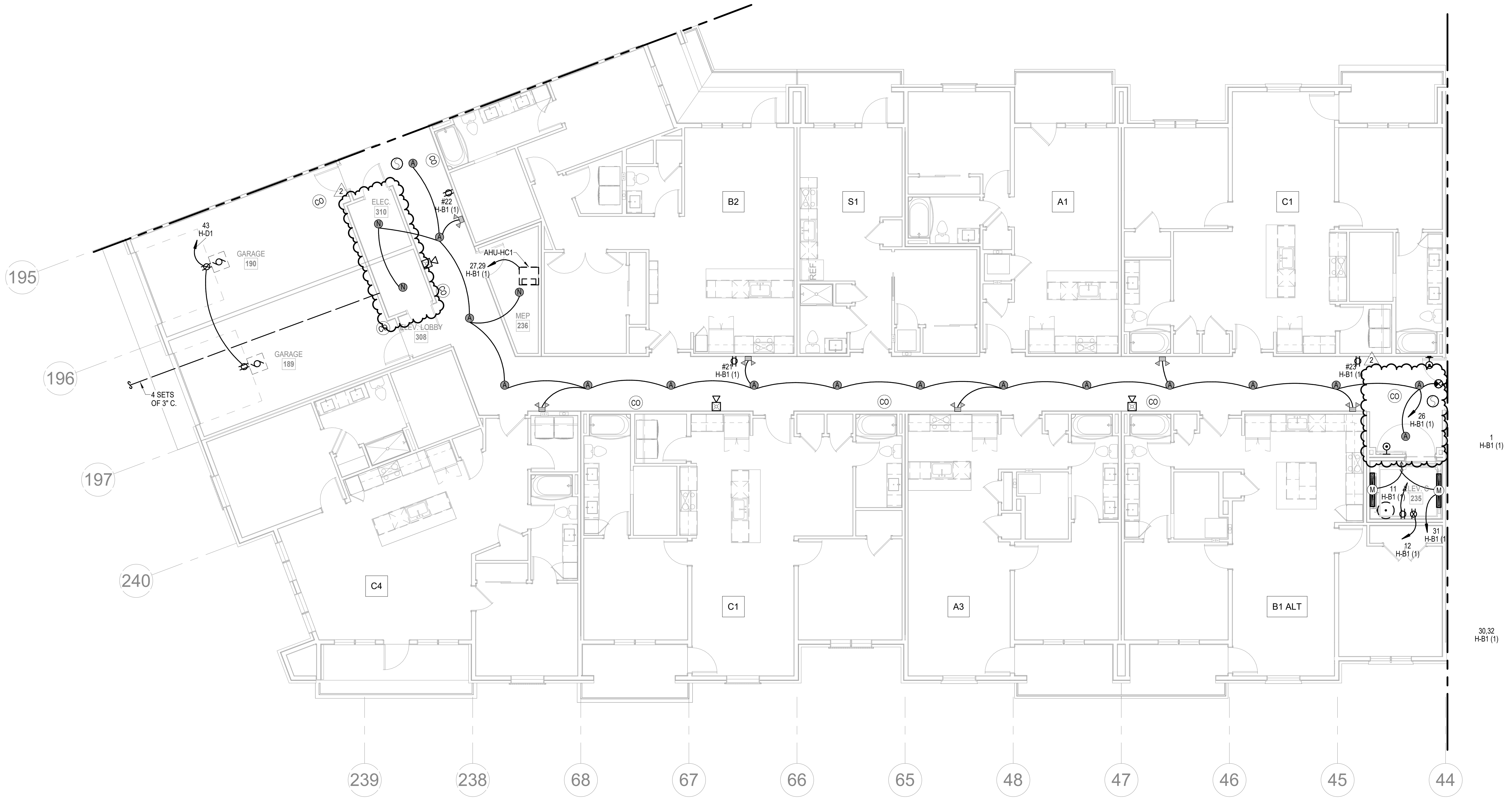
04/28/2023



NORTH

1 1ST FLOOR - SEGMENT C

ELECTRICAL
1/8" = 1'-0"

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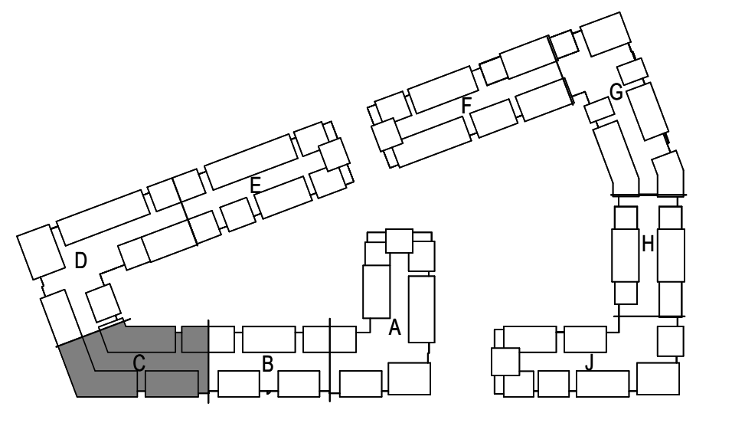

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2	23 0428	ADD 1/CC 2

NORTH

KEY PLAN

NO SCALE

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LSA PROJECT NO. 2204061

JOB NO.	DATE
705921	03.15.2023
DRAWN BY	
LSA CAD	
4/28/2023	ADDENDUM 1/ CITY COMMENTS #2

SHEET NAME
SEGMENT C - 1ST FLOOR - ELECTRICAL
SHEET NO.
E1.09

5/1/2023 3:48:40 PM

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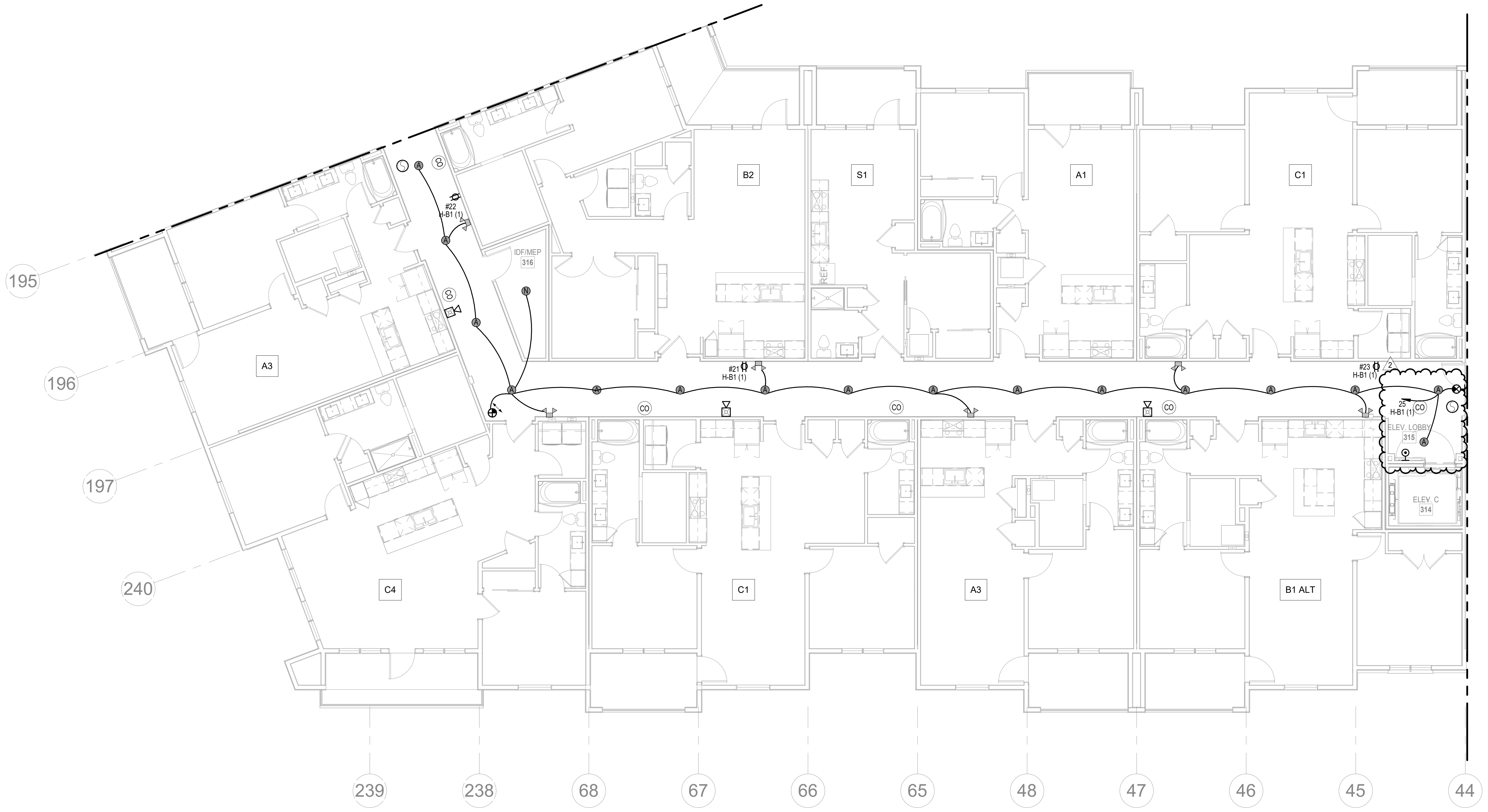
RICHARD R. BEARDMORE
04/28/2023



1 2ND FLOOR - SEGMENT C

ELECTRICAL
1/8" = 1'-0"

NORTH

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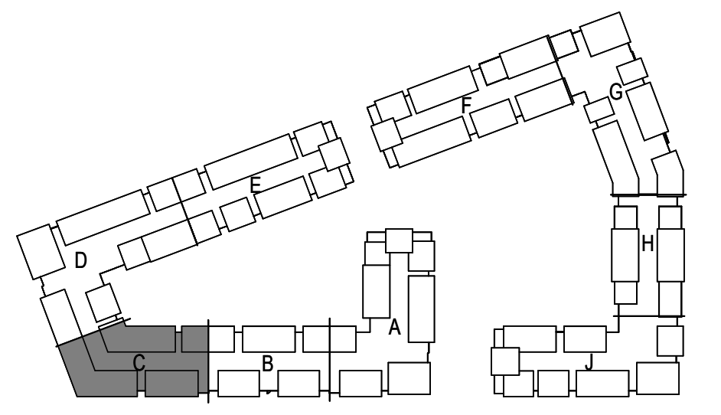
DRAWING RELEASE LOG
● 03.15.2023 - PERMIT SUBMITTAL



△REVISIONS
2 23 0428 ADD 1/CC 2

NORTH

KEY PLAN

NO SCALE

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DATE 03.15.2023
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SHEET NAME
SEGMENT C - 2ND FLOOR - ELECTRICAL
SHEET NO.
E1.10

NOTES:

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3. EXIT LIGHTS SHALL BE VISIBLE TO OCCUPANTS.
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9. SEE TELECOM DETAILS FOR MISCELLANEOUS POWER NEEDS.
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11. LIGHTING AND RECEPTACLES IN STAIR TOWER TO BE ON SINGLE CIRCUIT.
12. VERTICALLY ALIGNED FLOOR TO FLOOR RECEPTACLES TO BE ON SINGLE CIRCUIT
13. REVIEW HVAC PLANS FOR FIRE/SMOKE DAMPERS AND CONNECT TO 120V AND FIRE ALARM.

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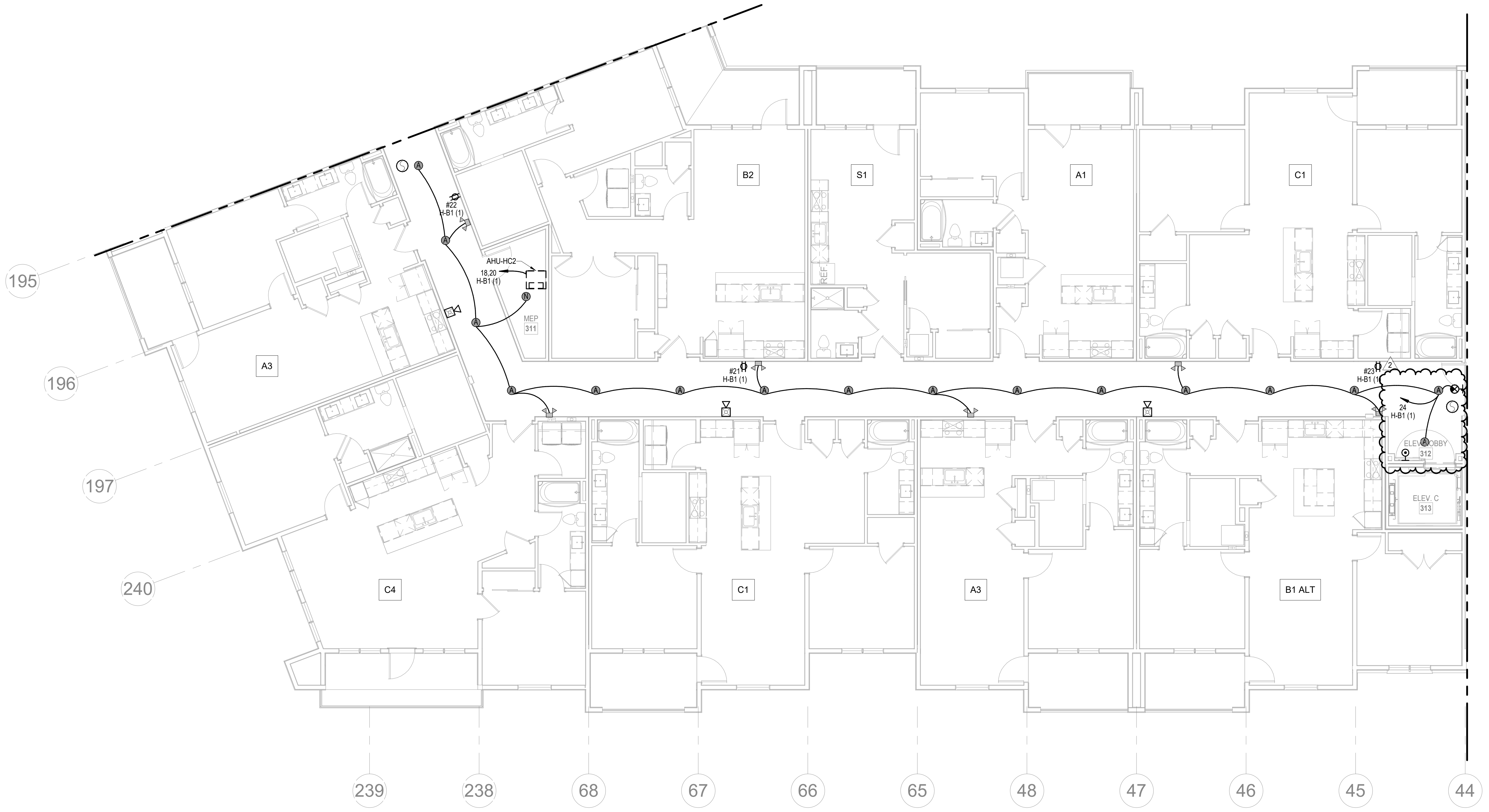
PRAIRIE VILLAGE, KS 66208

STATE OF MISSOURI
RICHARD R. BEARDMORE
PROFESSIONAL ENGINEER

04/28/2023



NORTH

1 3RD FLOOR - SEGMENT C

ELECTRICAL
1/8" = 1'-0"

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TRILOGY

800 & 810 NW WARD RD. | LEE'S SUMMIT, MO

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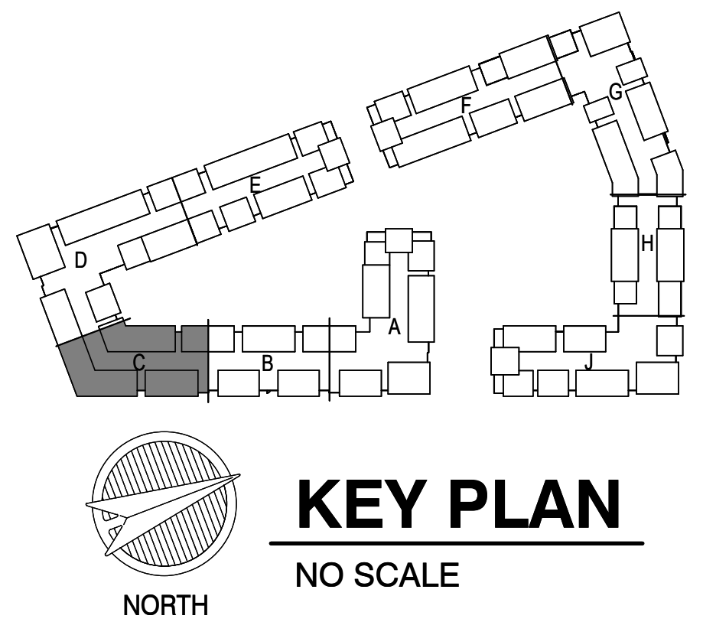

KEY PLAN
NO SCALE

REVISIONS

2	23 0428	ADD 1/CC 2

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8625 College Boulevard, Suite 102
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Email: lsapa@lsapa.com
LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT C - 3RD FLOOR - ELECTRICAL
SHEET NO.
E1.11

ARCH E1 30" x 42"

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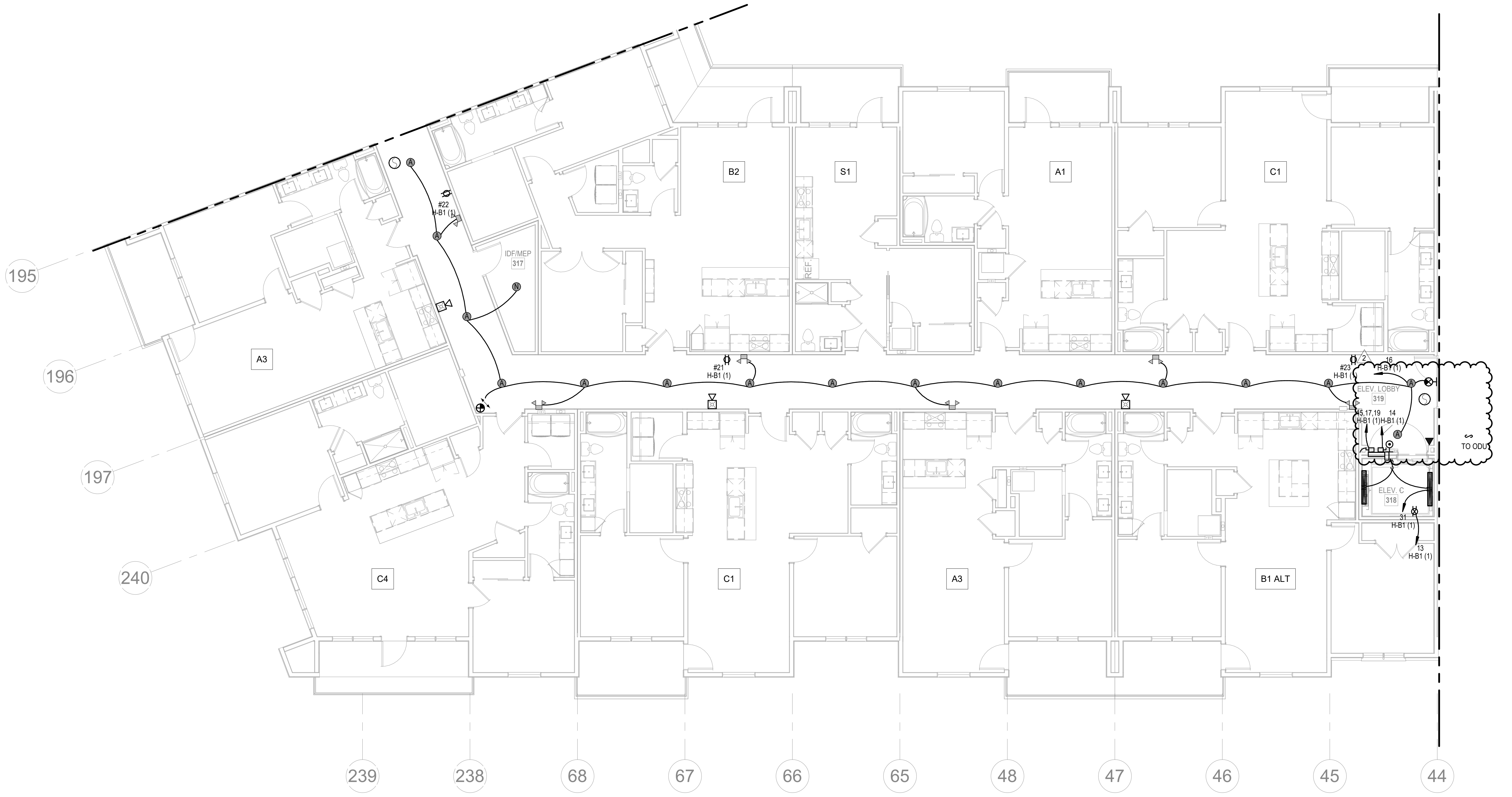

4TH FLOOR - SEGMENT C

NORTH

1

ELECTRICAL
1/8" = 1'-0"

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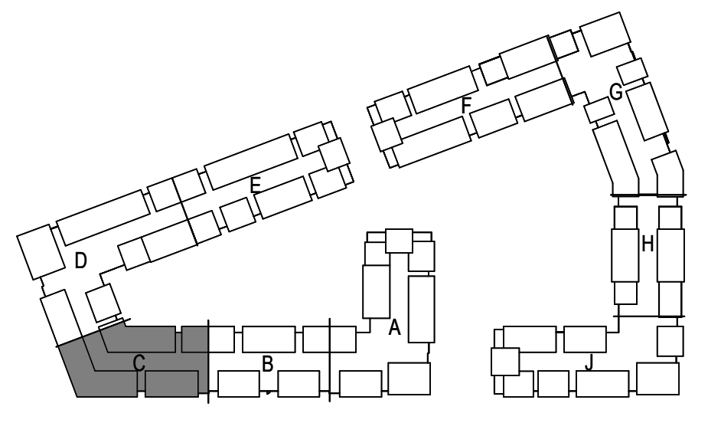

△REVISIONS
2 23 0428 ADD 1/CC 2

NORTH

KEY PLAN

NO SCALE

JOB NO.
705921
DATE
03.15.2023
DRAWN BY
LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT C - 4TH FLOOR - ELECTRICAL
SHEET NO.
E1.12

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Email: lsapa@lsapa.com
LSA PROJECT NO. 2204061

5/1/2023 3:48:46 PM

ARCH E1 30" x 42"

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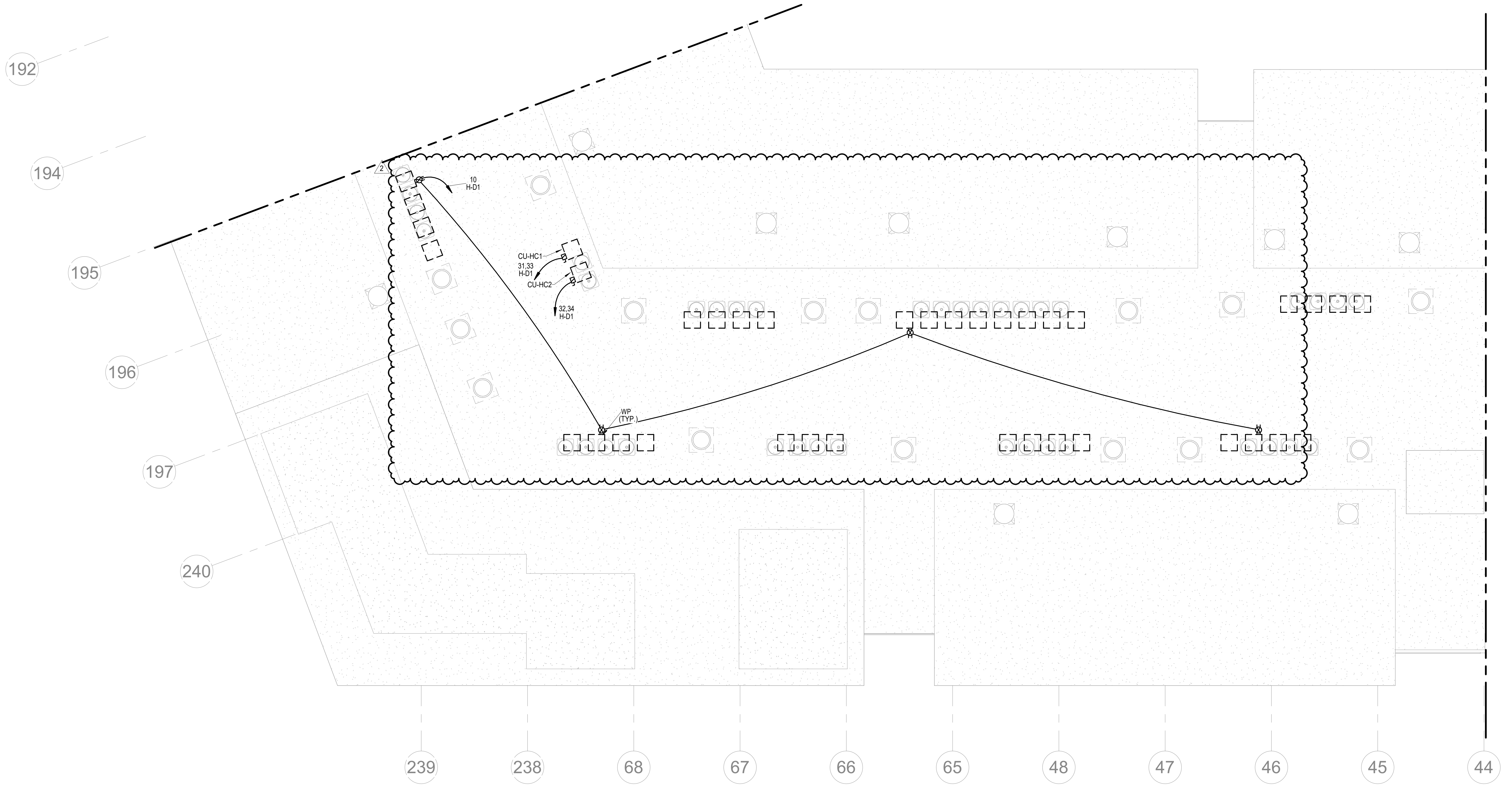
04/28/2023



NORTH

1 ROOF PLAN - SEGMENT C

ELECTRICAL
1/8" = 1'-0"

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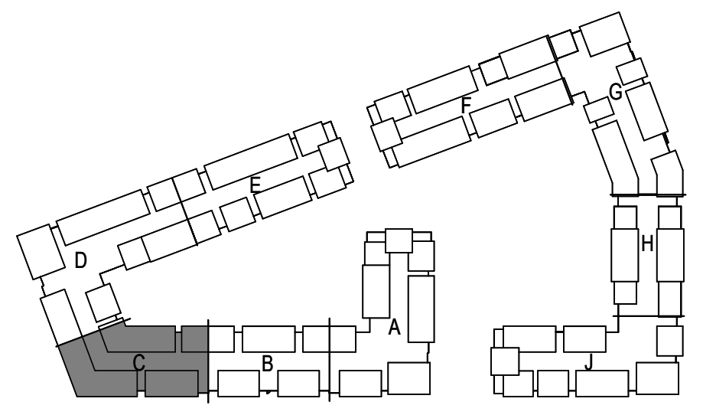

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2 23 0428 ADD 1/CC 2

NORTH

KEY PLAN

NO SCALE

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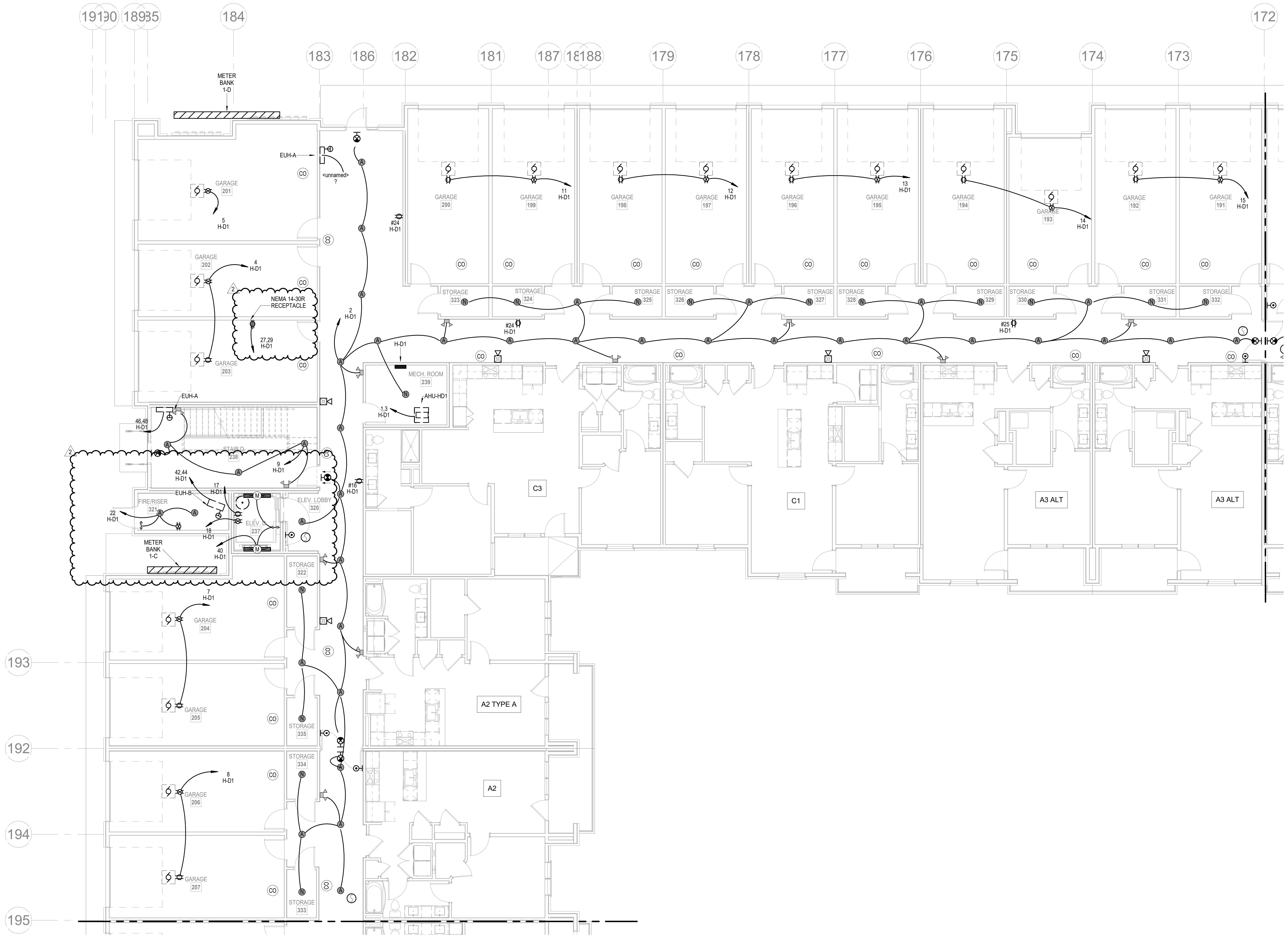
LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME SEGMENT C - ROOF PLAN - ELECTRICAL
SHEET NO.

E1.13

5/1/2023 3:48:48 PM

ARCH E1 30" x 42"



1 1ST FLOOR - SEGMENT D

ELECTRICAL
1/8" = 1'-0"

NORTH

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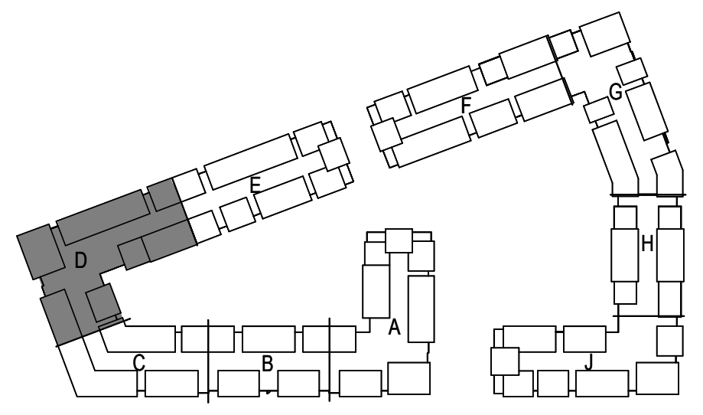

NORTH

KEY PLAN

NO SCALE

△REVISIONS

2 23 0428 ADD 1/CC 2

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LSA PROJECT NO. 2204061

JOB NO.	DATE
705921	03.15.2023

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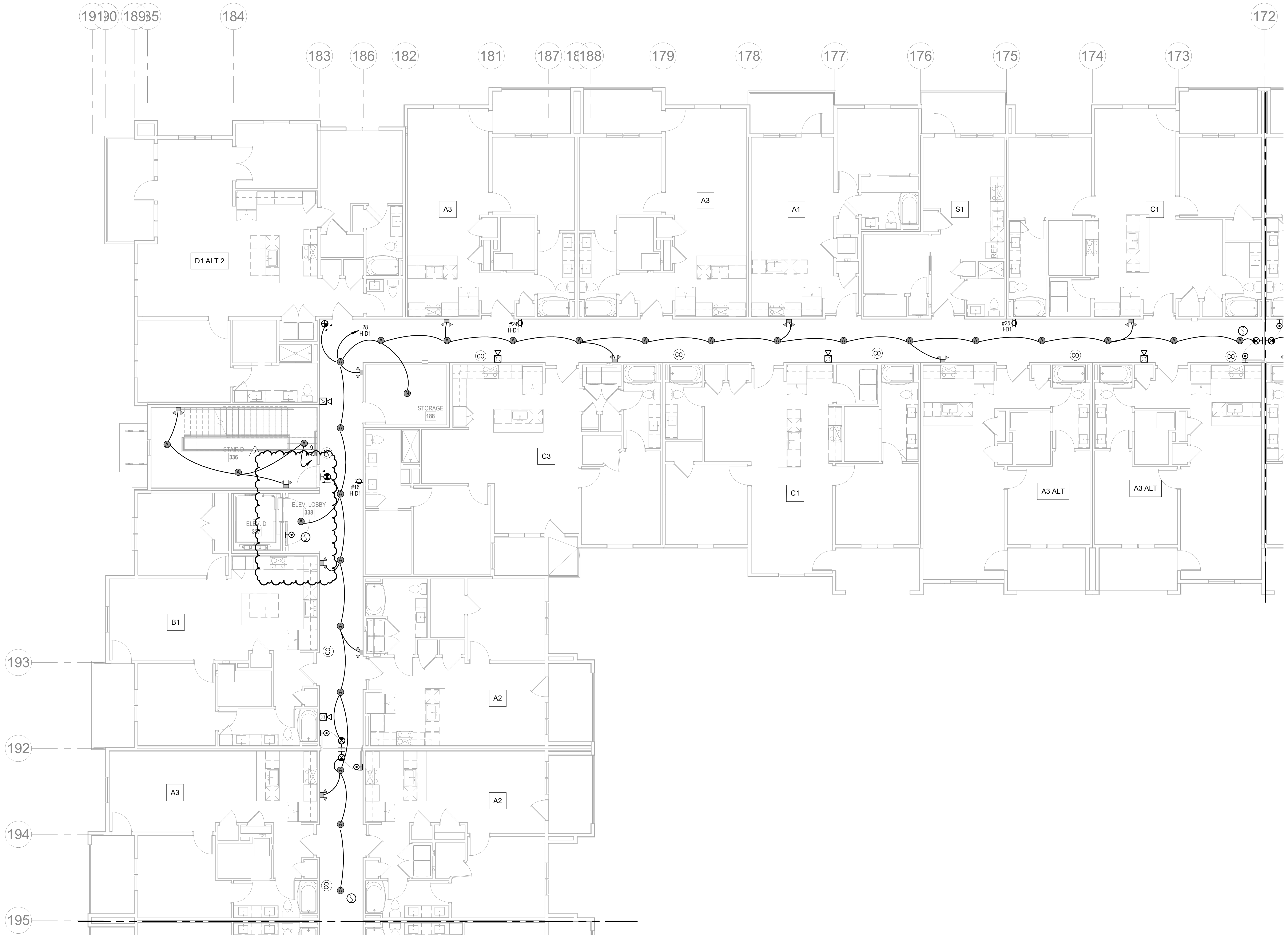
LSA CAD

4/28/2023 ADDENDUM 1/ CITY COMMENTS #2

SHEET NAME
SEGMENT D - 1ST FLOOR - ELECTRICAL

SHEET NO.
E1.14

5/1/2023 3:48:52 PM



2ND FLOOR - SEGMENT D

1 ELECTRICAL
1/8" = 1'-0"

NORTH

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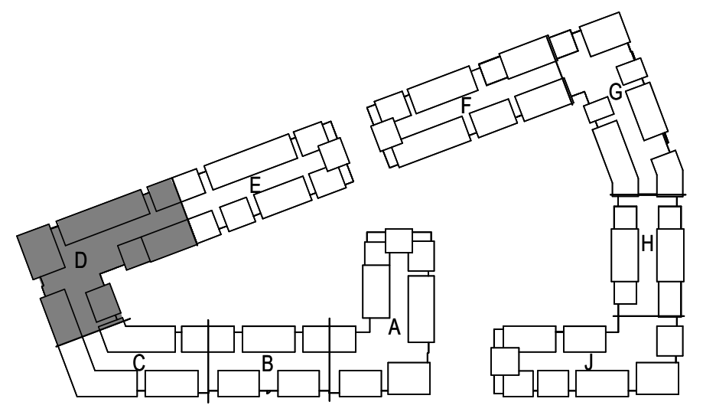

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2 23 0428 ADD 1/CC 2

KEY PLAN
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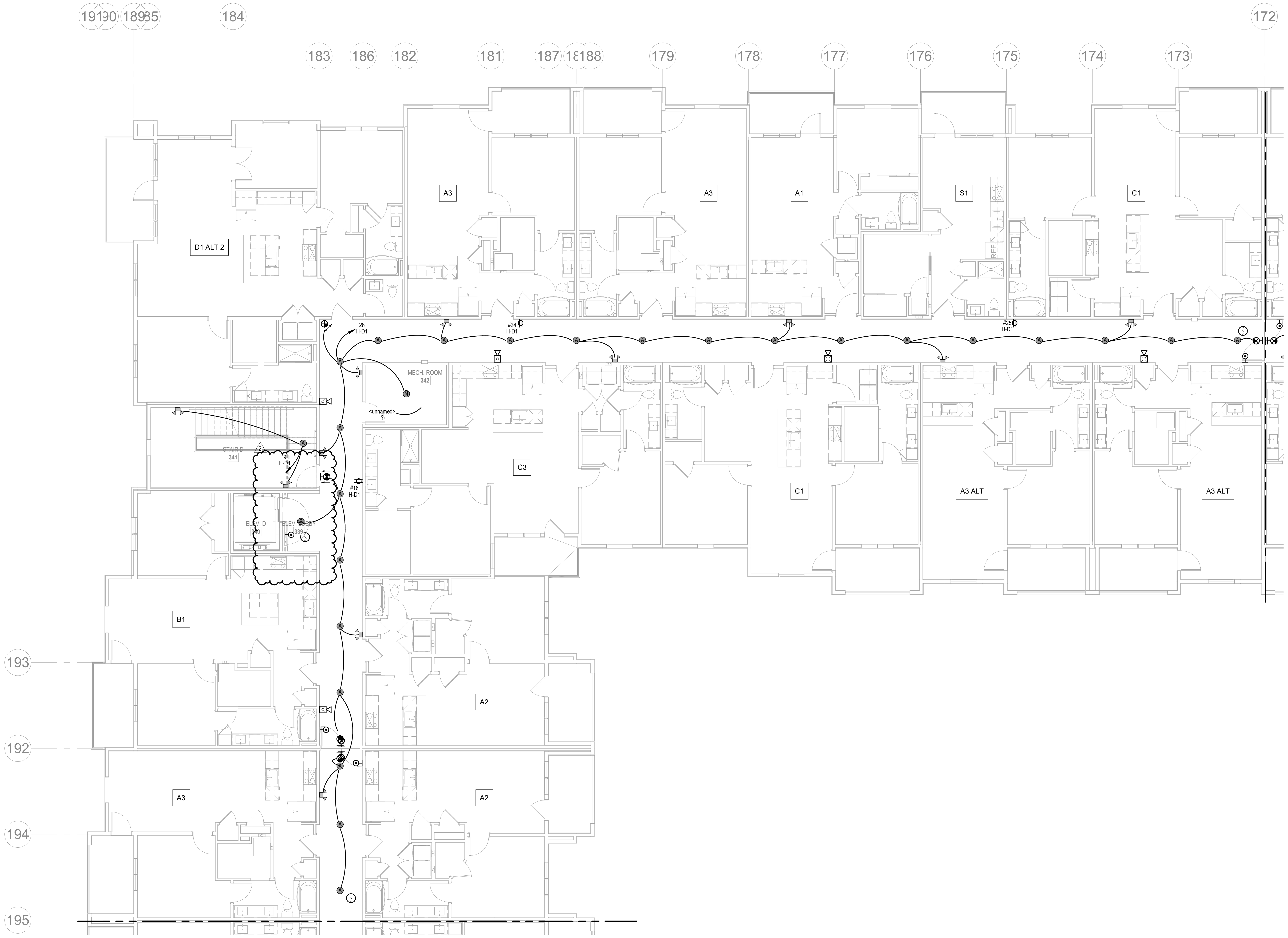
JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME SEGMENT D - 2ND FLOOR - ELECTRICAL
SHEET NO. E1.15



NORTH

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ELECTRICAL
1/8" = 1'-0"

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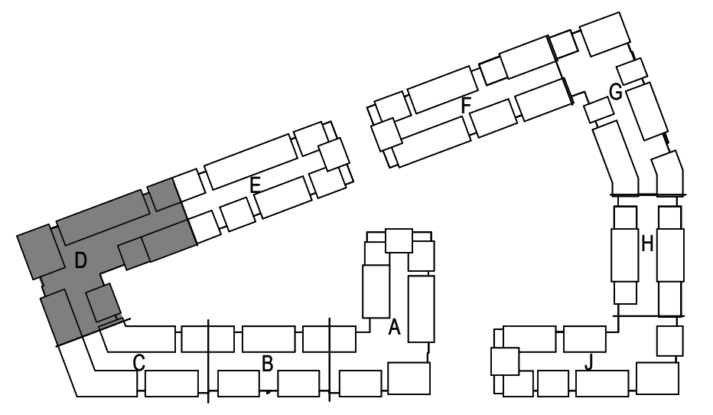

NORTH

KEY PLAN

NO SCALE

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2 23 0428 ADD 1/CC 2

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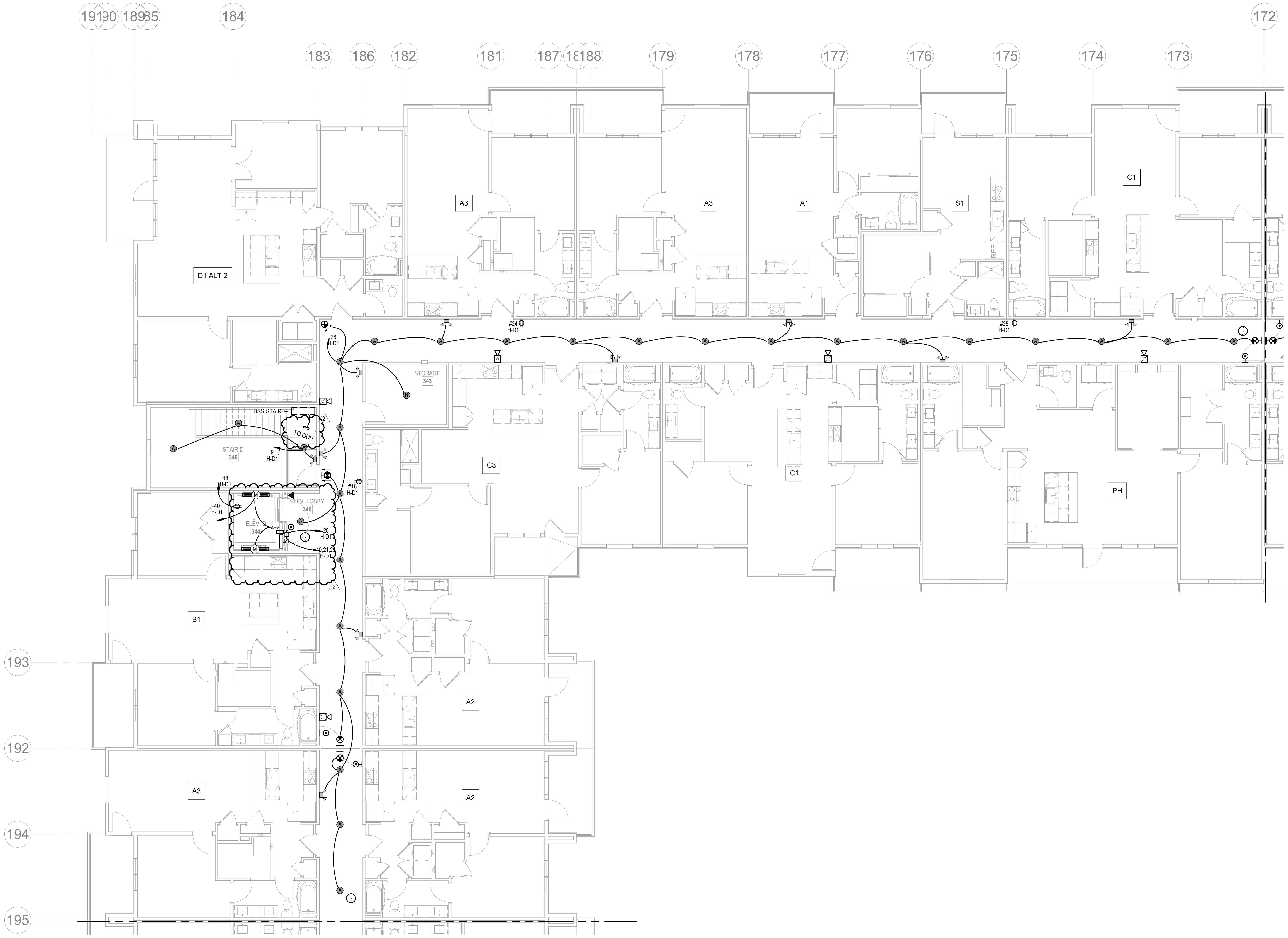
LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT D - 3RD FLOOR - ELECTRICAL
SHEET NO.
E1.16

ARCH E1 30" x 42"



1 4TH FLOOR - SEGMENT D

ELECTRICAL
1/8" = 1'-0"

NORTH

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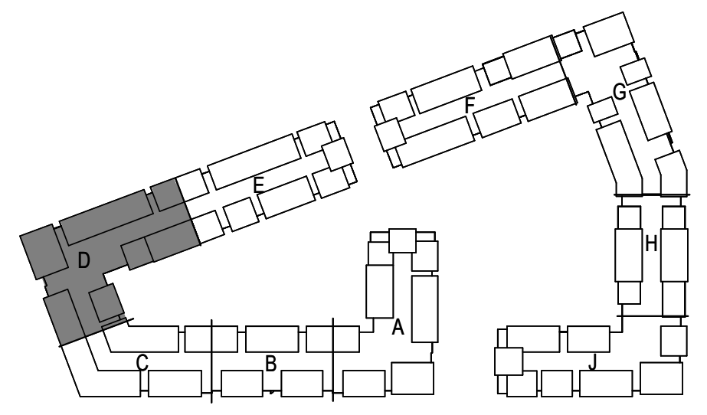

REVISIONS

2	23 0428	ADD 1/CC 2

NORTH

KEY PLAN

NO SCALE

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JOB NO.
705921

DATE
03.15.2023

DRAWN BY
LSA CAD

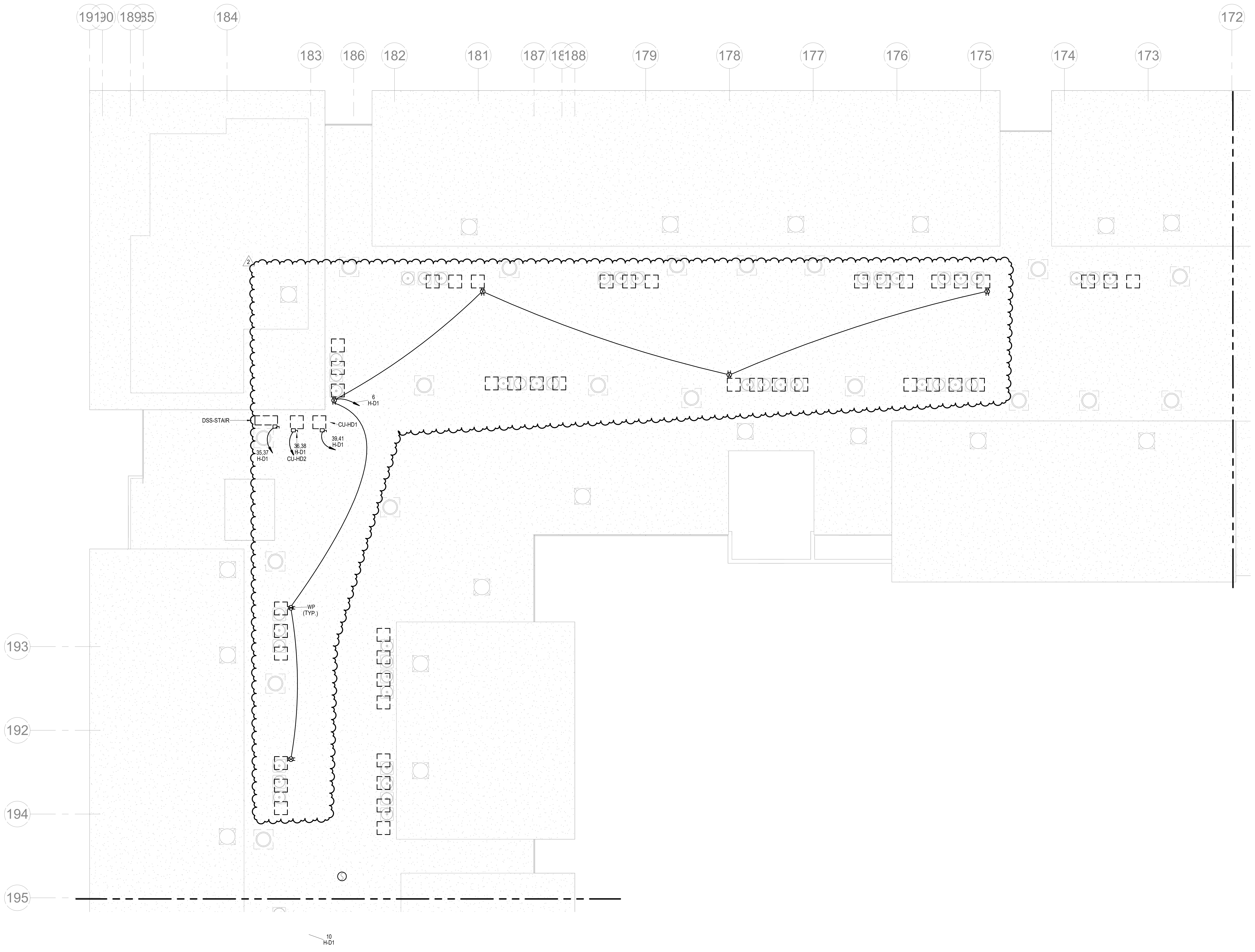
4/28/2023 ADDENDUM 1/
CITY COMMENTS #2

SHEET NAME
SEGMENT D - 4TH FLOOR - ELECTRICAL

SHEET NO.
E1.17

5/1/2023 3:49:00 PM

ARCH E1 30" x 42"



NORTH

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ELECTRICAL
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RICHARD R. BEARDMORE
04/28/2023

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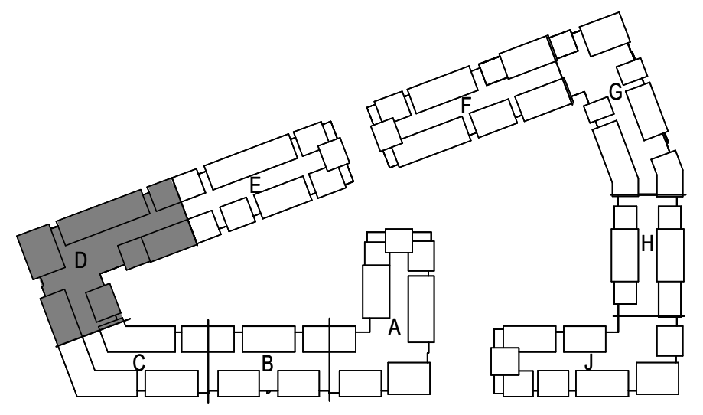
△REVISIONS



NORTH

KEY PLAN

NO SCALE

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2

LS&A
Latimer Sommers & Associates P.A.
CONSULTING ENGINEERS
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8625 College Boulevard, Suite 102
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Email: lsapa@lsapa.com
LSA PROJECT NO. 2204061

SHEET NAME
SEGMENT D - ROOF PLAN - ELECTRICAL
SHEET NO.
E1.18

5/1/2023 3:49:02 PM

ARCH E1 30" x 42"

NOTES:

1. COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
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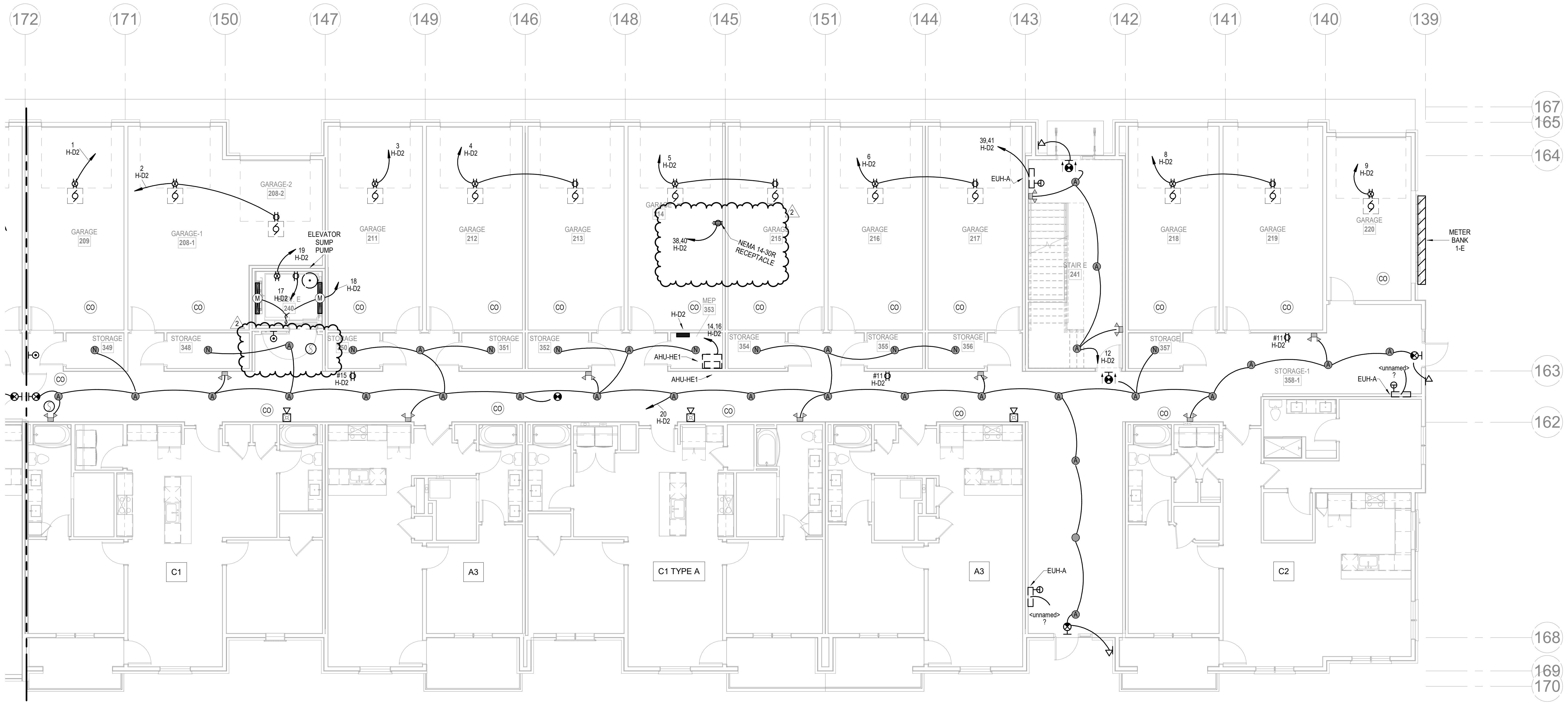
RICHARD R. BEARDMORE
04/28/2023



1 1ST FLOOR - SEGMENT E

ELECTRICAL
1/8" = 1'-0"

NORTH

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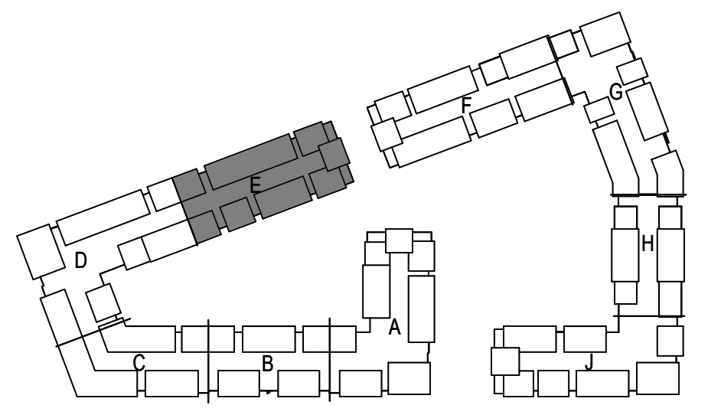

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2	23 0428	ADD 1/CC 2

NORTH

KEY PLAN

NO SCALE

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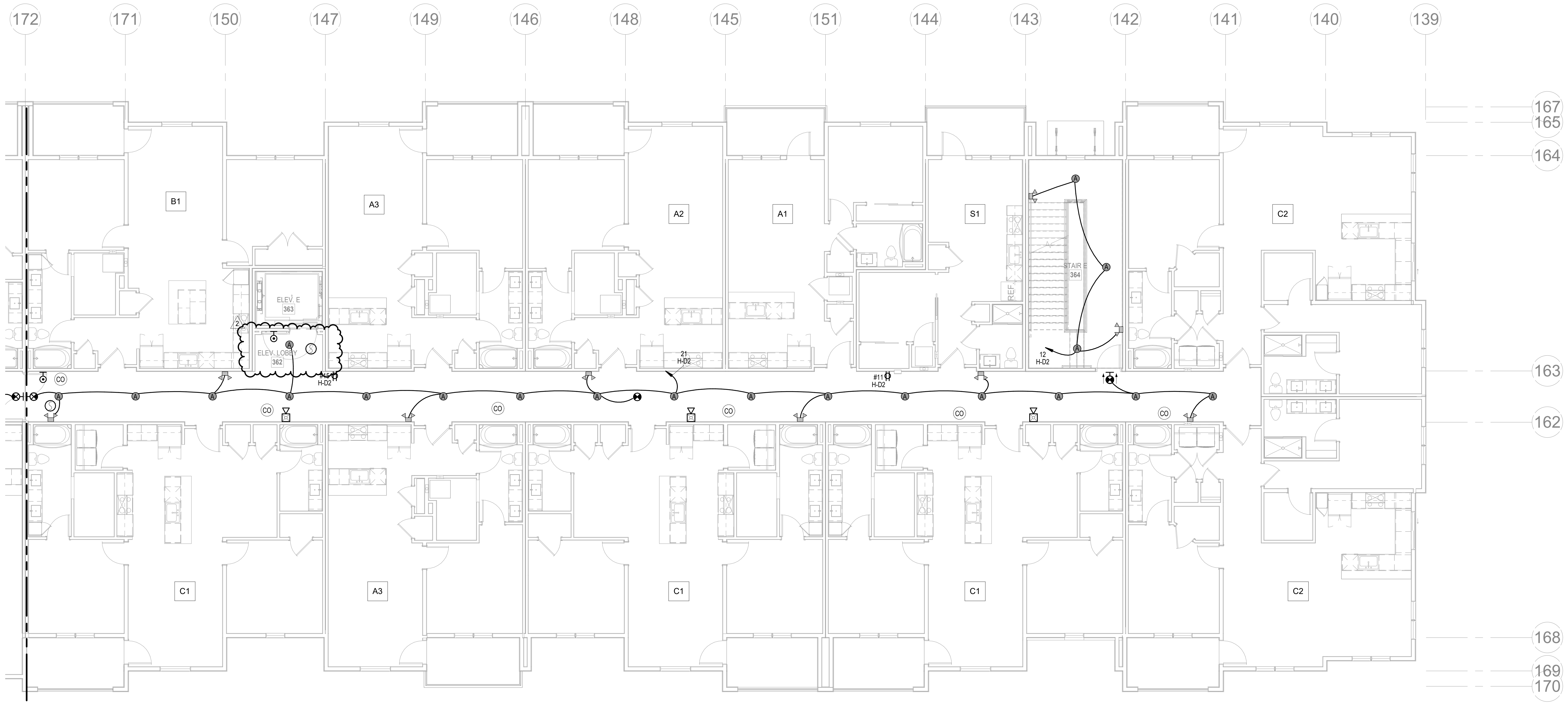
LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT E - 1ST FLOOR - ELECTRICAL
SHEET NO.
E1.19

5/1/2023 3:49:06 PM

ARCH E1 30" x 42"



1 2ND FLOOR - SEGMENT E

ELECTRICAL
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NORTH

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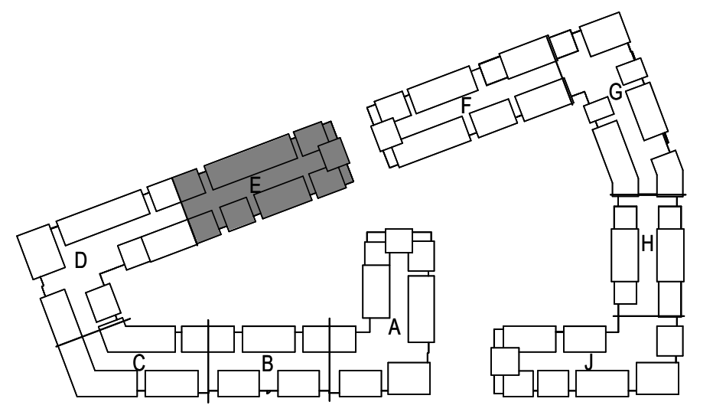

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2 23 0428 ADD 1/CC 2

NORTH

KEY PLAN

NO SCALE

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LSA PROJECT NO. 2204061

JOB NO.
705921

DATE
03.15.2023

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LSA CAD

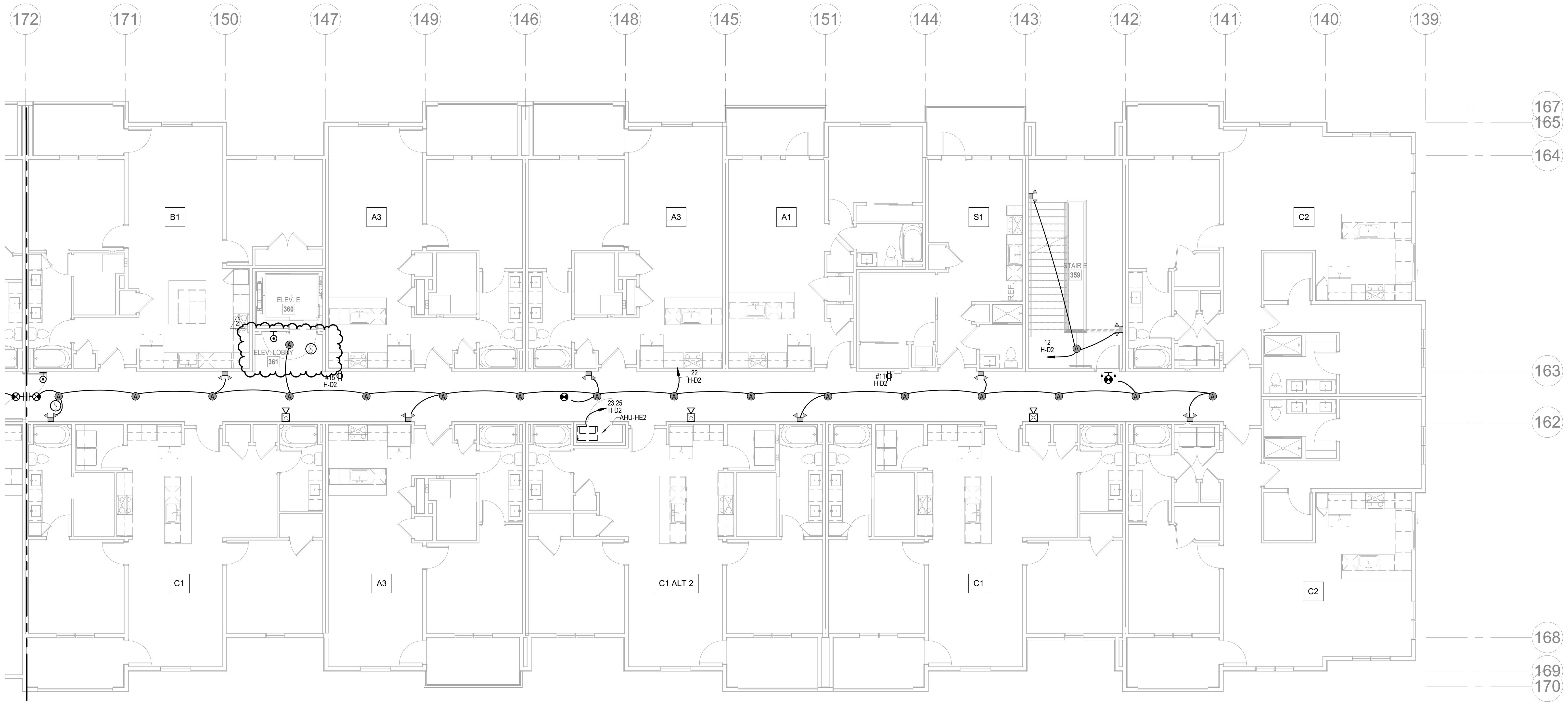
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2

SHEET NAME
SEGMENT E - 2ND FLOOR - ELECTRICAL

SHEET NO.
E1.20

5/1/2023 3:49:08 PM

ARCH E1 30" x 42"



NORTH

1 3RD FLOOR - SEGMENT E

ELECTRICAL
1/8" = 1'-0"

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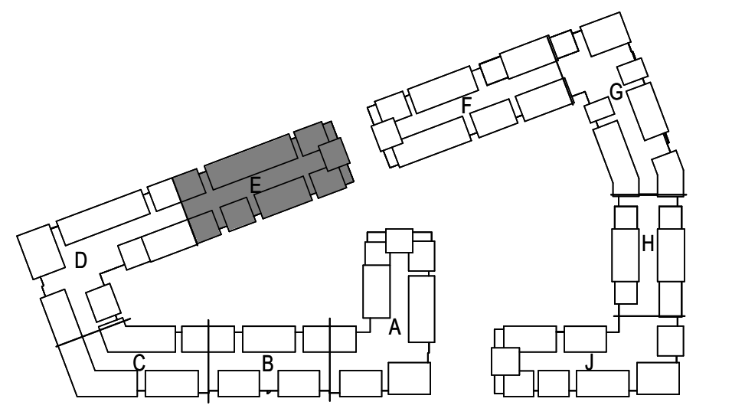

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2	23 0428	ADD 1/CC 2

NORTH

KEY PLAN

NO SCALE

JOB NO.
705921
DATE
03.15.2023
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LSA CAD

4/28/2023 ADDENDUM 1/
CITY COMMENTS #2

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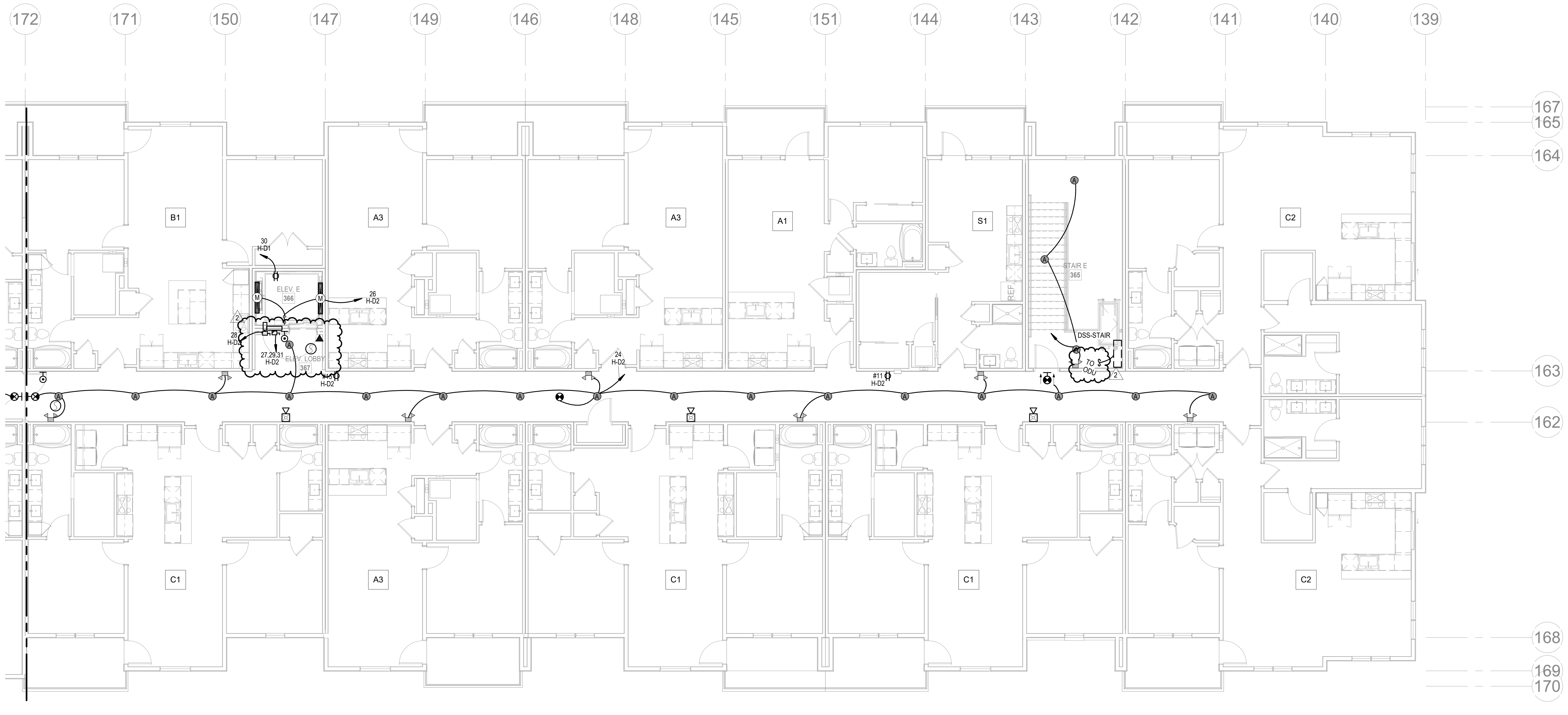
LSA PROJECT NO. 2204061

SHEET NAME
SEGMENT E - 3RD FLOOR - ELECTRICAL
SHEET NO.
E1.21

5/1/2023 3:48:10 PM

ARCH E1 30" x 42"



4TH FLOOR - SEGMENT E

1

ELECTRICAL

1/8" = 1'-0"

NORTH

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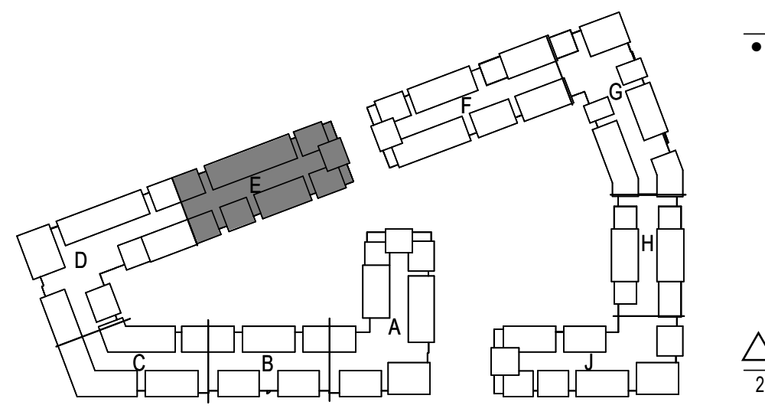

KEY PLAN

NO SCALE

NORTH

△REVISIONS

2	23 0428	ADD 1/CC 2

JOB NO.
705921
DATE
03.15.2023
DRAWN BY
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4/28/2023 ADDENDUM 1/ CITY COMMENTS #2

SHEET NAME
SEGMENT E - 4TH FLOOR - ELECTRICAL

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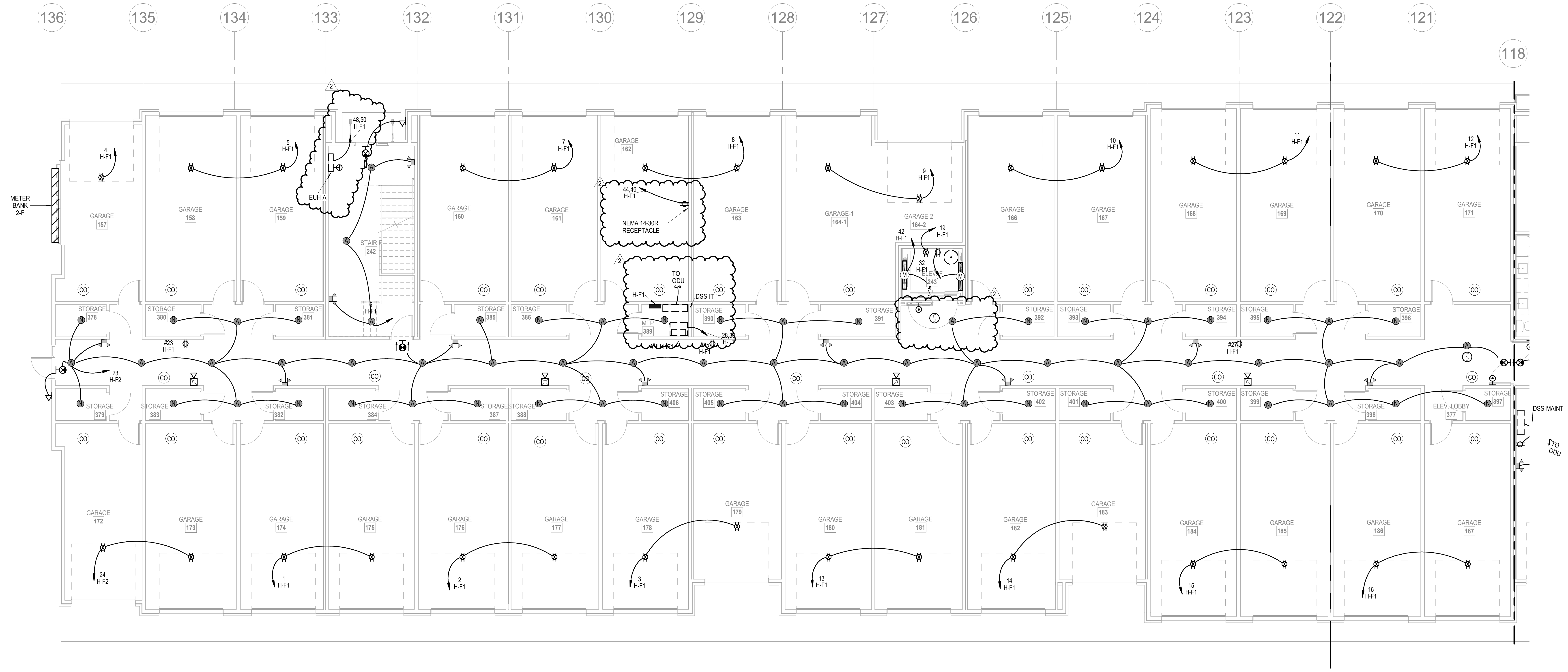
LSA PROJECT NO. 2204061

SHEET NO.
E1.22

5/1/2023 3:49:13 PM

ARCH E1 30" x 42"



1 1ST FLOOR - SEGMENT F

ELECTRICAL
1/8" = 1'-0"

NORTH

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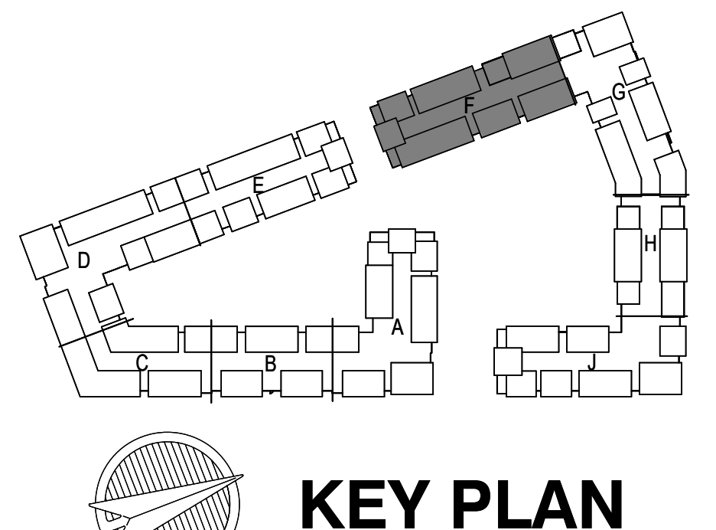

REVISIONS

2 23 0428 ADD 1/CC 2

NORTH

KEY PLAN

NO SCALE

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME SEGMENT F - 1ST FLOOR - ELECTRICAL
SHEET NO. E1.24

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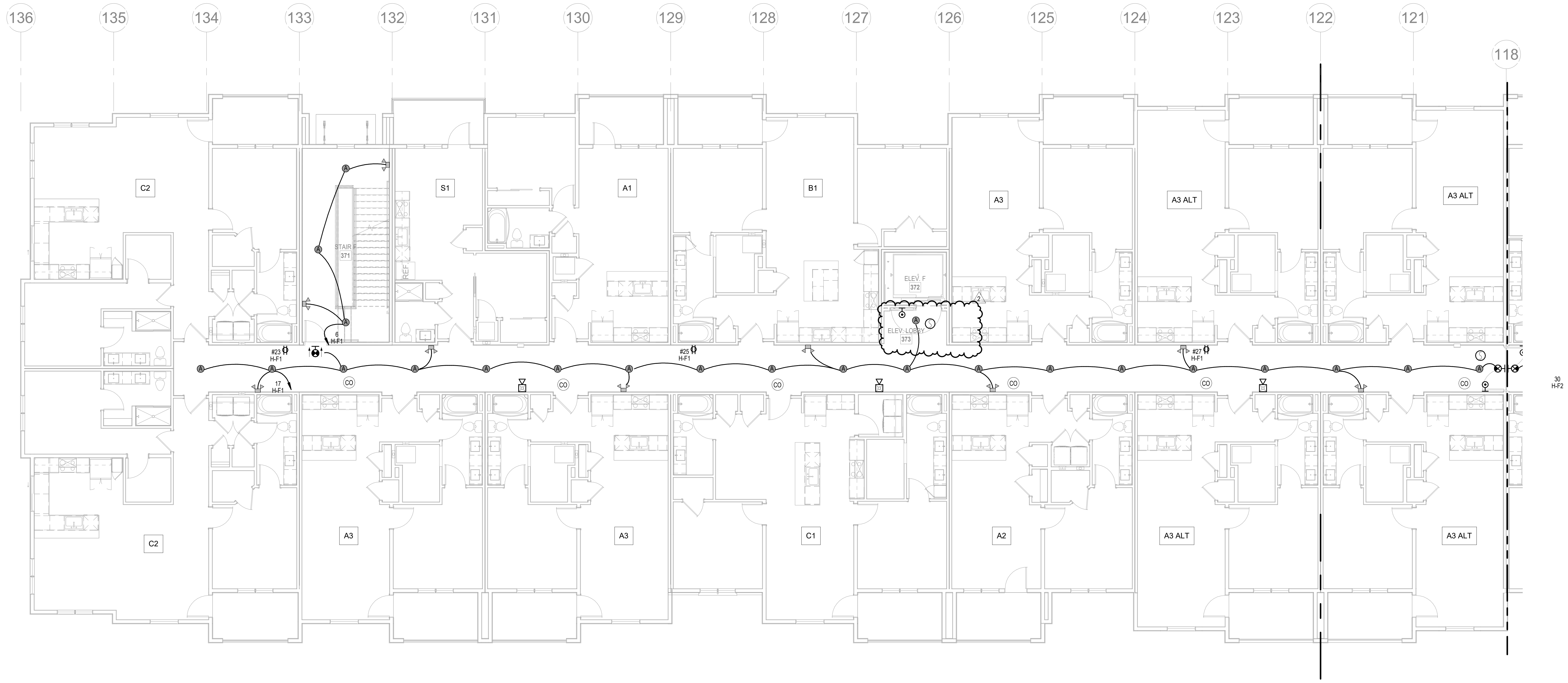
Email: lsapa@lsapa.com
LSA PROJECT NO. 2204061

5/1/2023 3:48:17 PM

ARCH E1 30" x 42"



1 2ND FLOOR - SEGMENT F

ELECTRICAL
1/8" = 1'-0"

NORTH

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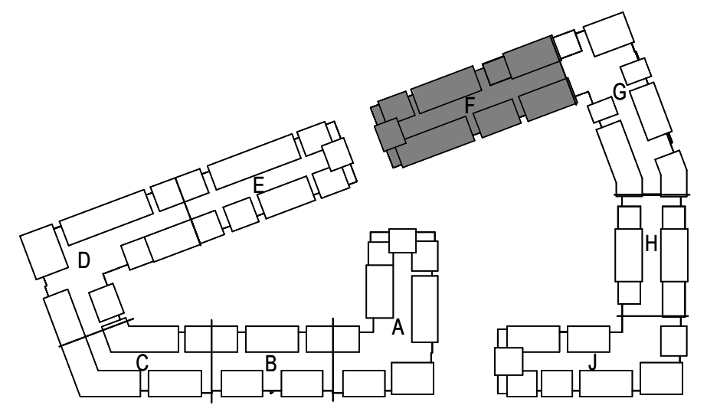

NORTH

KEY PLAN

NO SCALE

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2 23 0428 ADD 1/CC 2

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME SEGMENT F - 2ND FLOOR - ELECTRICAL
SHEET NO. E1.25

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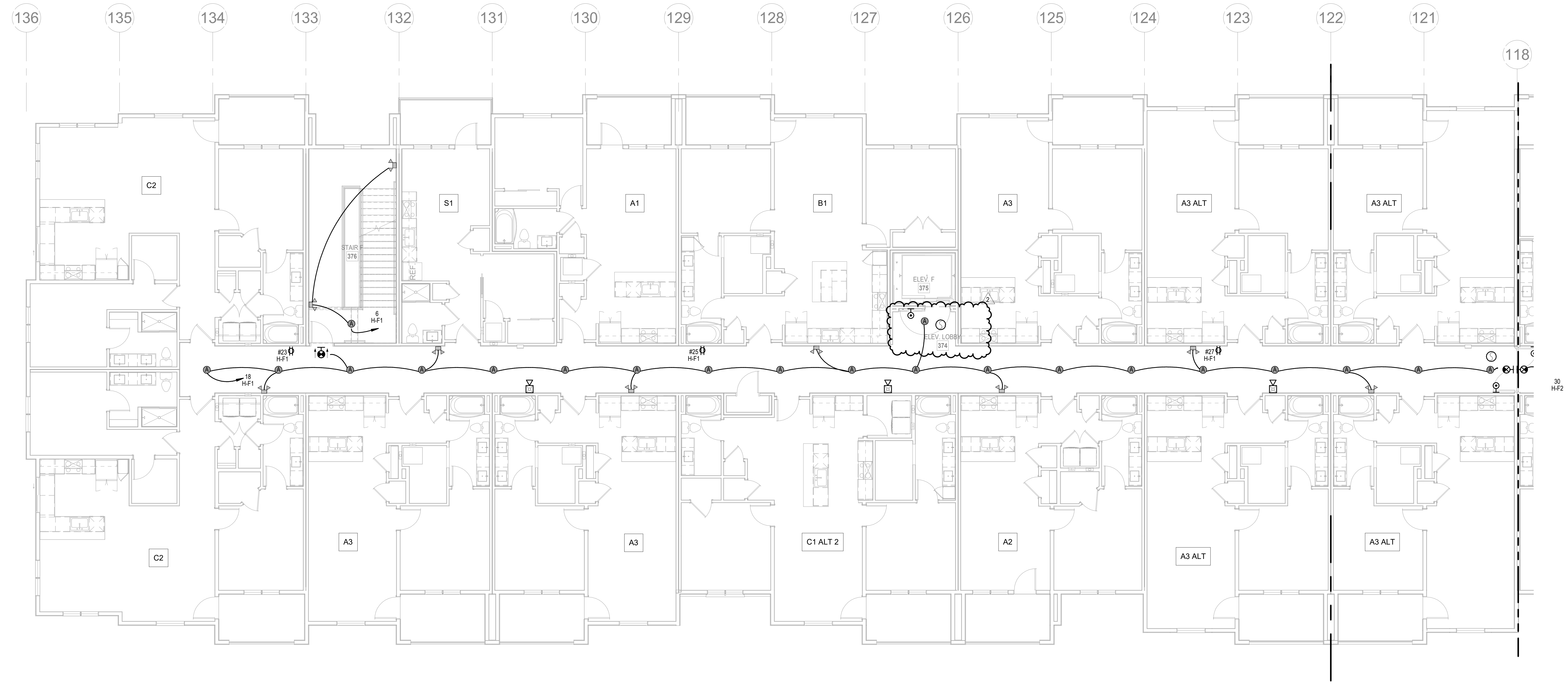

NORTH

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8. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS AND DETAILS.
9. SEE TELECOM DETAILS FOR MISCELLANEOUS POWER NEEDS.
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12. VERTICALLY ALIGNED FLOOR TO FLOOR RECEPTACLES TO BE ON SINGLE CIRCUIT
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04/28/2023

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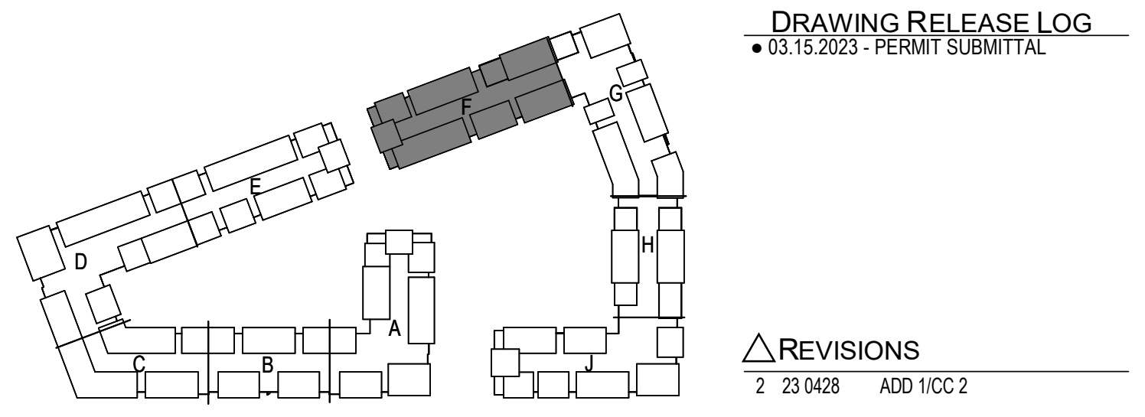
DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL



△REVISIONS

2	23 0428	ADD 1/CC 2

NORTH

KEY PLAN

NO SCALE

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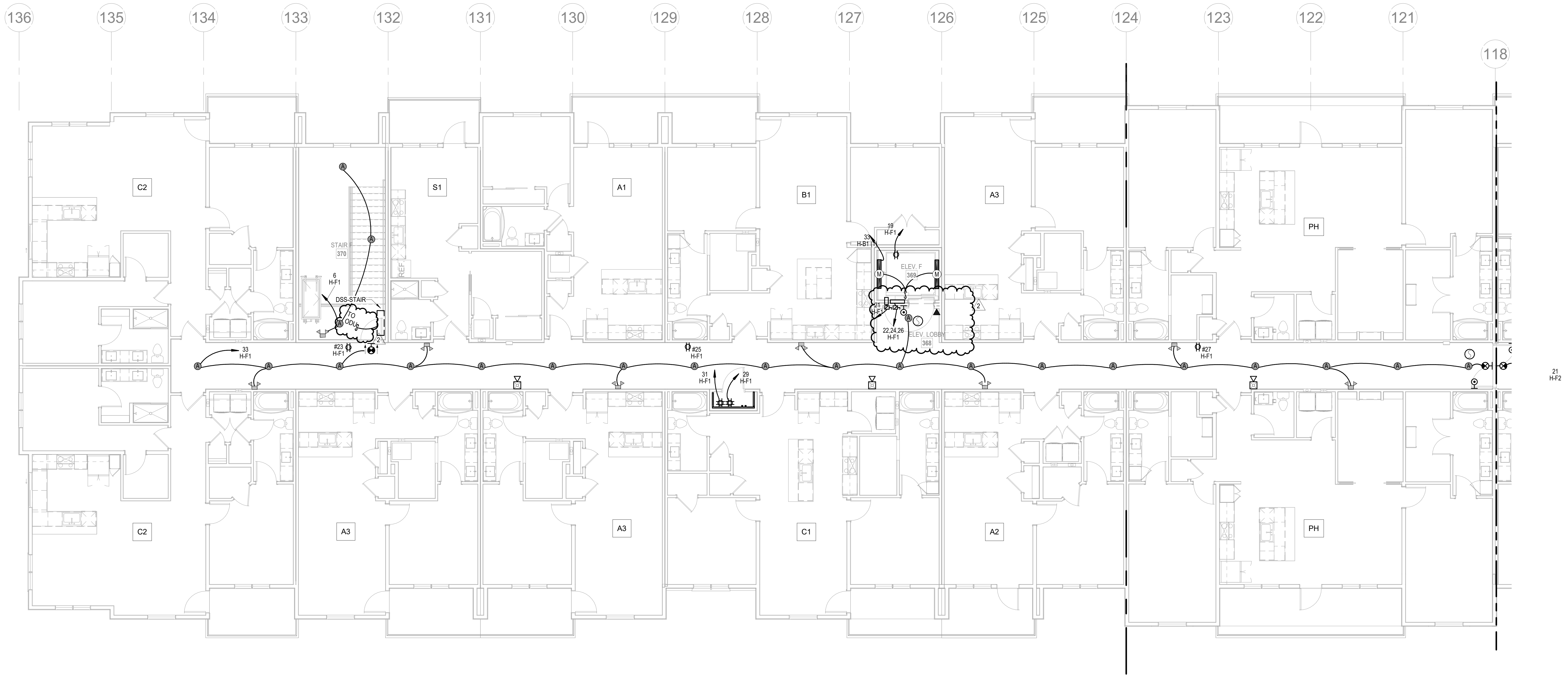
Telephone: (785) 233-3232
Email: lsapa@lsapa.com
LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT F - 3RD FLOOR - ELECTRICAL
SHEET NO.
E1.26

5/1/2023 3:49:22 PM

ARCH E1 30" x 42"



1 4TH FLOOR - SEGMENT F

ELECTRICAL
1/8" = 1'-0"

NORTH

NOTES:

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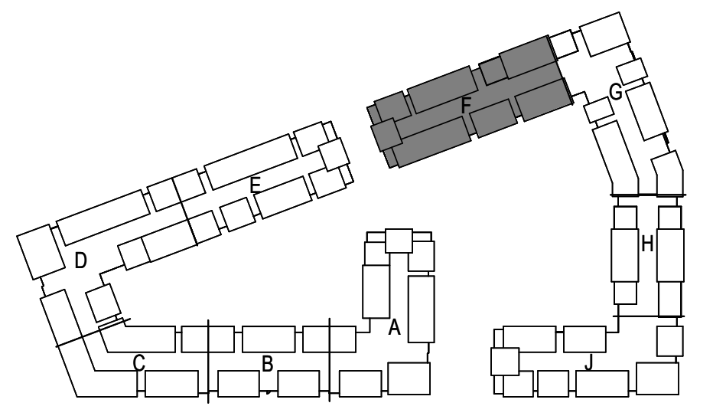

△REVISIONS

2	23 0428	ADD 1/CC 2

NORTH

KEY PLAN

NO SCALE

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LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT F - 4TH FLOOR - ELECTRICAL
SHEET NO.
E1.27

5/1/2023 3:49:24 PM

ARCH E1 30" x 42"

NOTES:

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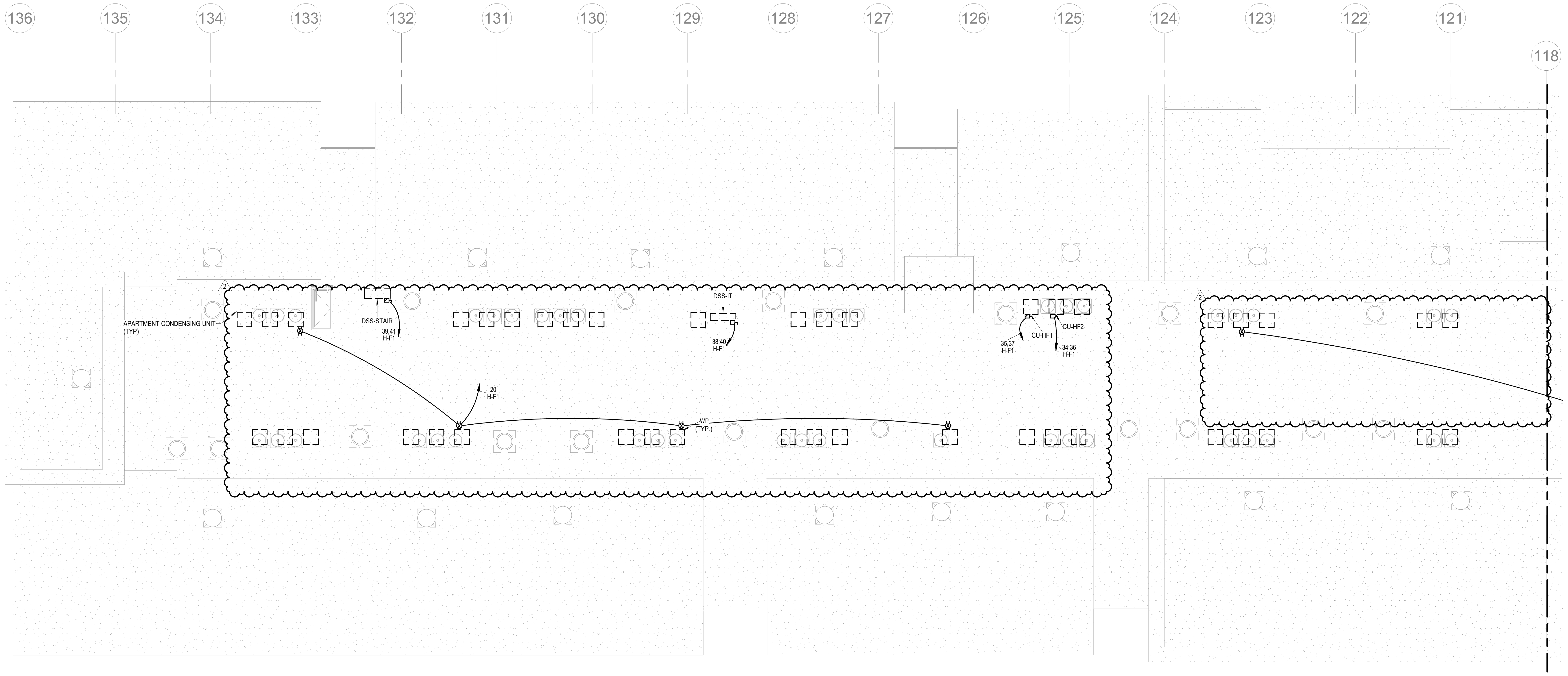
RICHARD R. BEARDMORE
04/28/2023



NORTH

1 ROOF PLAN - SEGMENT F

ELECTRICAL
1/8" = 1'-0"

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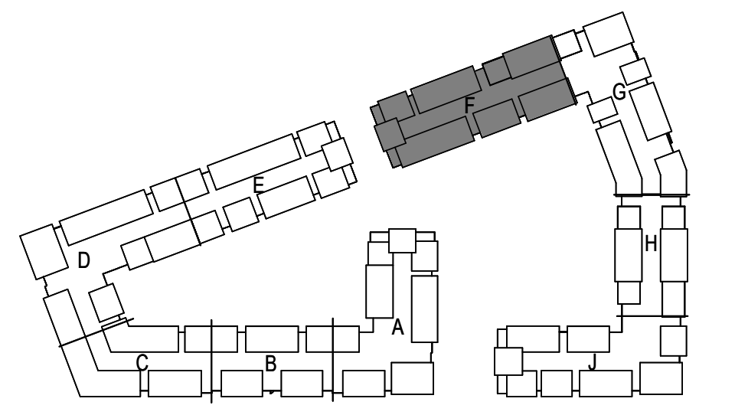

△REVISIONS
2 23 0428 ADD 1/CC 2

NORTH

KEY PLAN

NO SCALE

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JOB NO.	DATE
705921	03.15.2023

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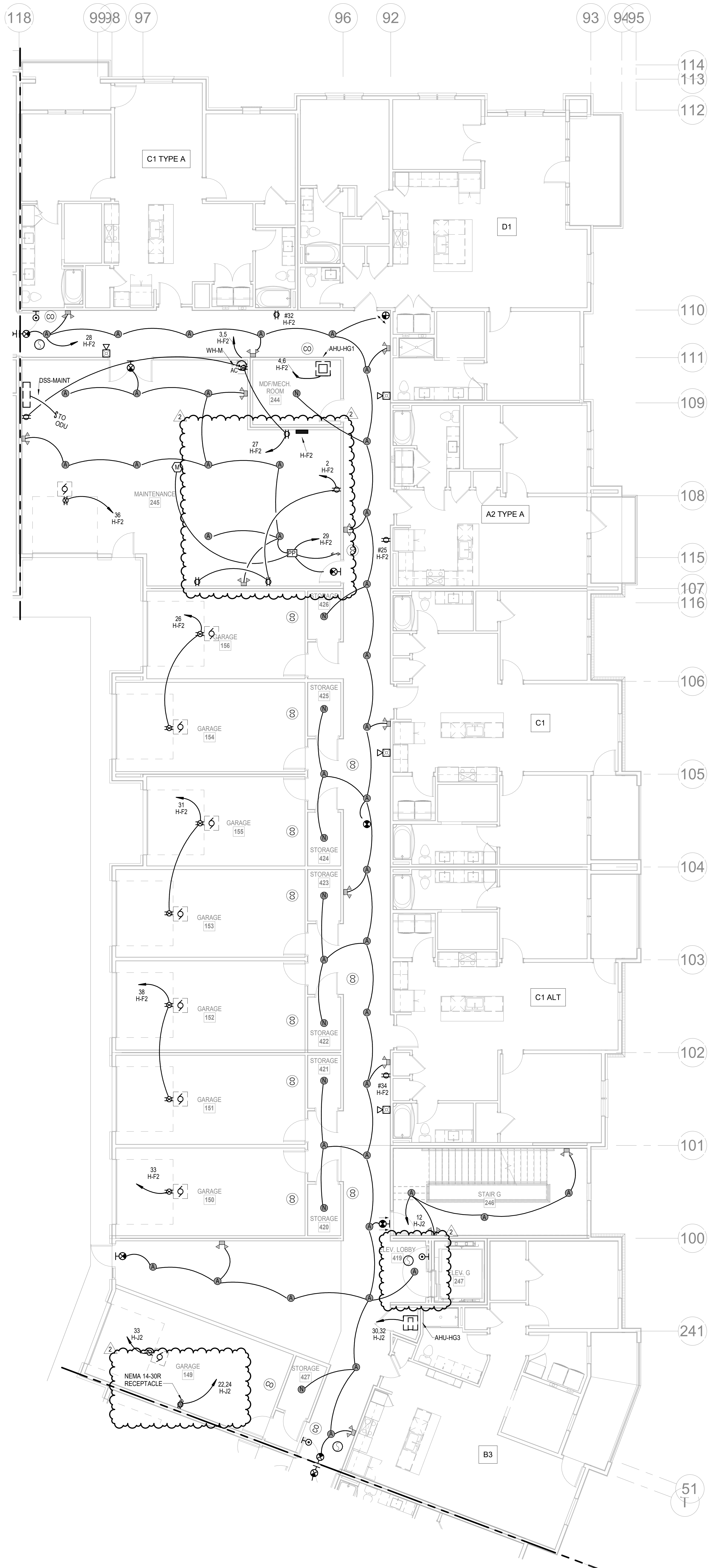
4/28/2023 ADDENDUM 1/
CITY COMMENTS #2

SHEET NAME
SEGMENT F - ROOF PLAN - ELECTRICAL

SHEET NO.
E1.28

5/1/2023 3:49:26 PM

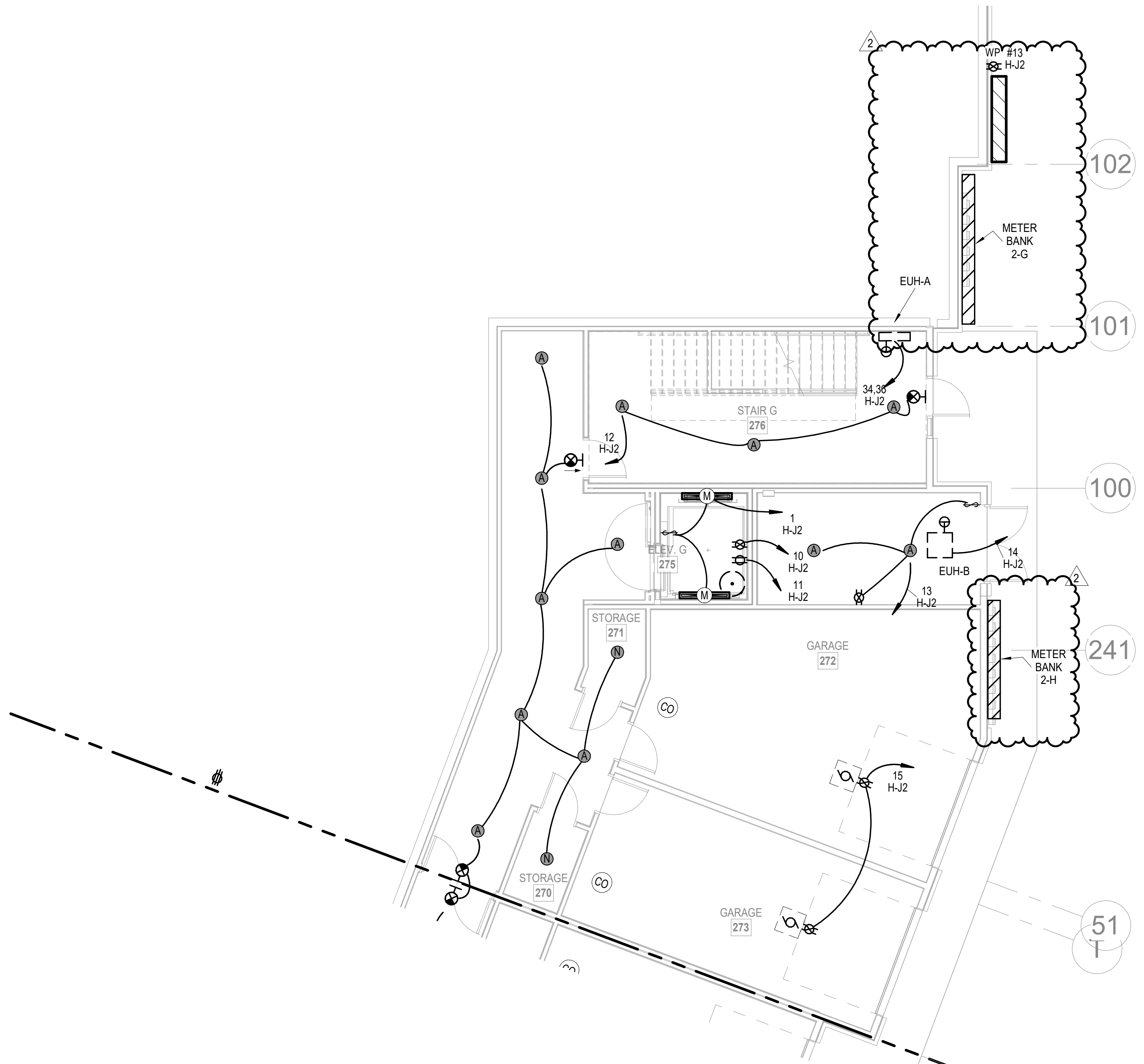
ARCH E1 30" x 42"



1 1ST FLOOR - SEGMENT G

ELECTRICAL
1/8" = 1'-0"

NORTH



2 BASEMENT - SEGMENT G

ELECTRICAL
1/8" = 1'-0"

NORTH

NOTES:

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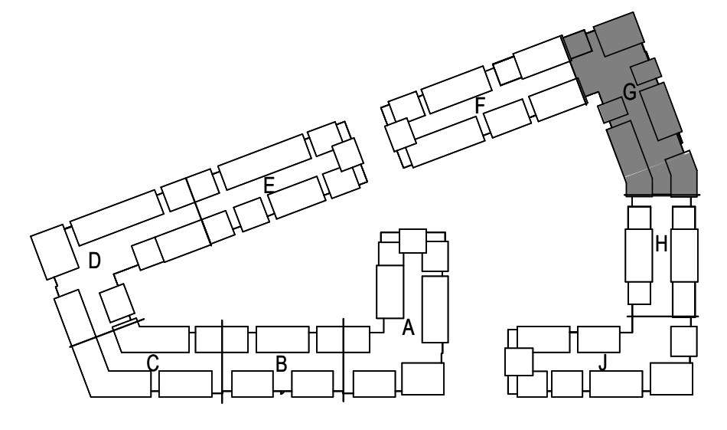
REVISIONS

2	23 0428	ADD 1/CC 2



KEY PLAN

NO SCALE

NORTH

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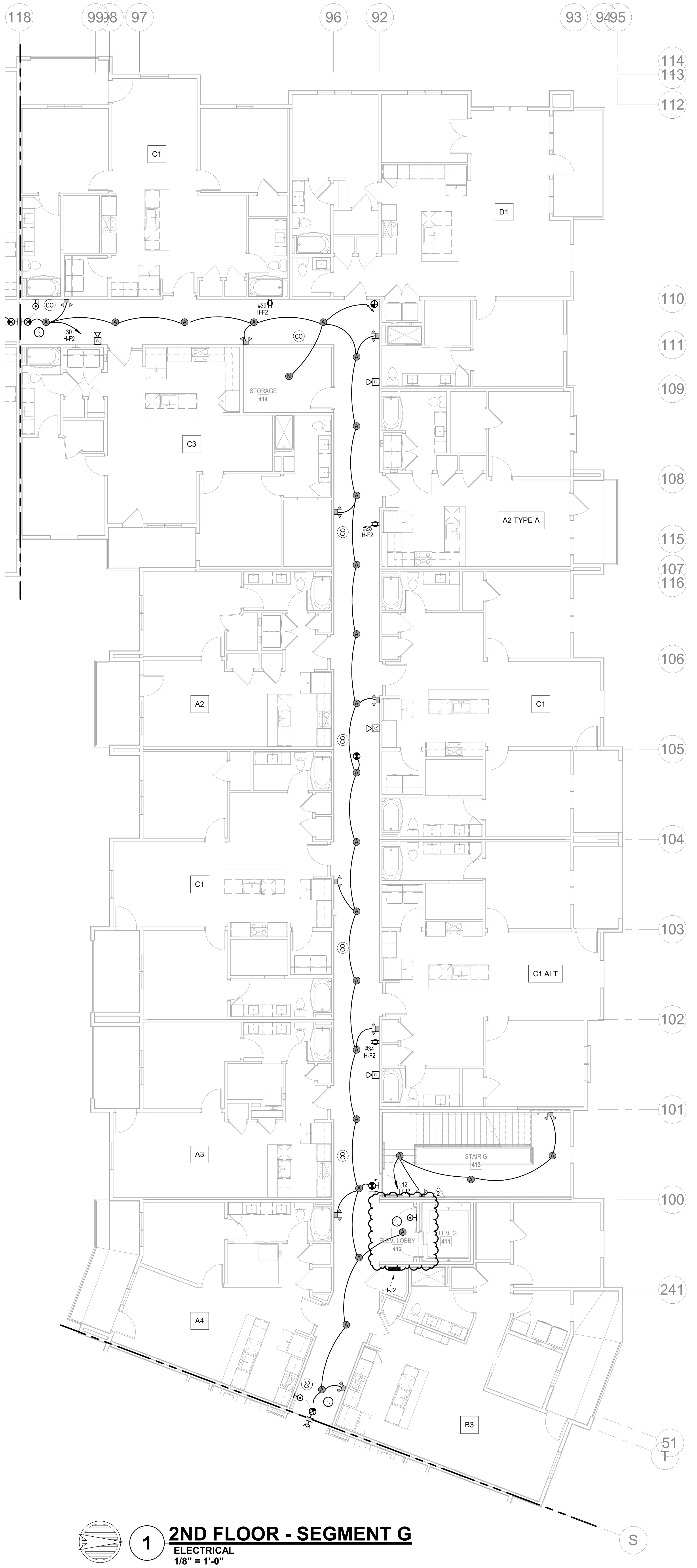
LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT G - BASEMENT & 1ST FLOOR - ELECTRICAL
SHEET NO.
E1.29

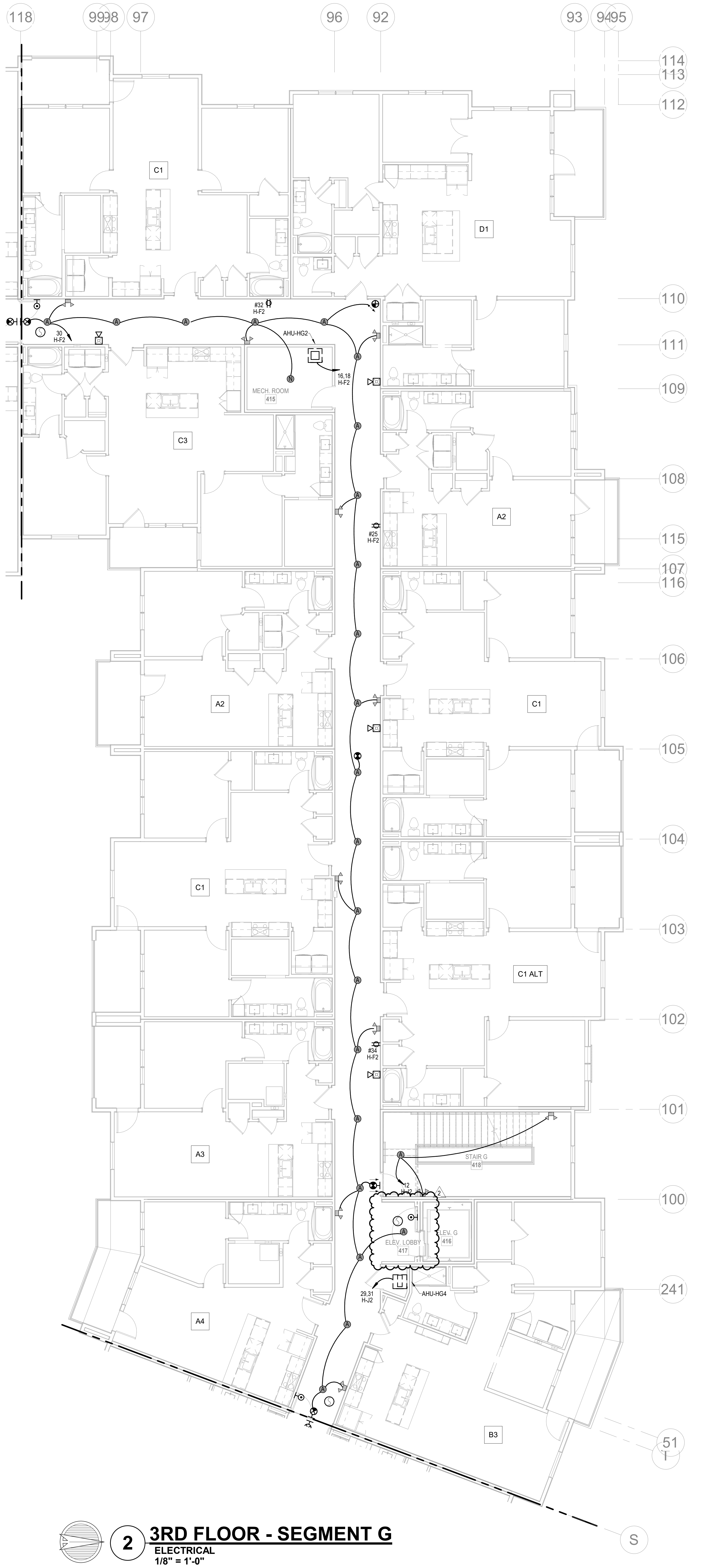
5/1/2023 3:49:31 PM

ARCH E1 30" x 42"



2ND FLOOR - SEGMENT G

ELECTRICAL
1/8" = 1'-0"



3RD FLOOR - SEGMENT G

ELECTRICAL
1/8" = 1'-0"

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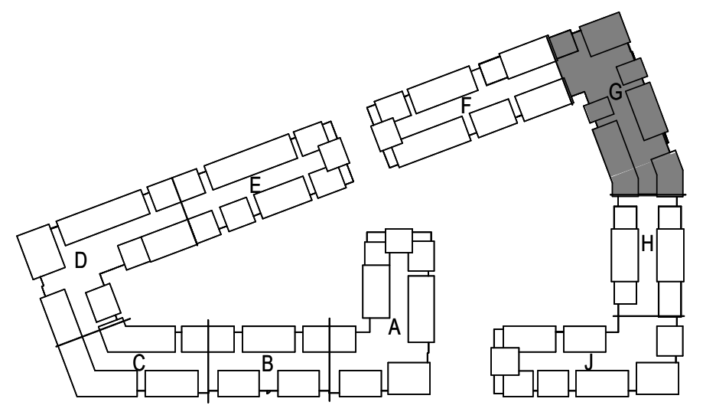

△REVISIONS

2 23 0428 ADD 1/CC 2

KEY PLAN

NO SCALE

NORTH

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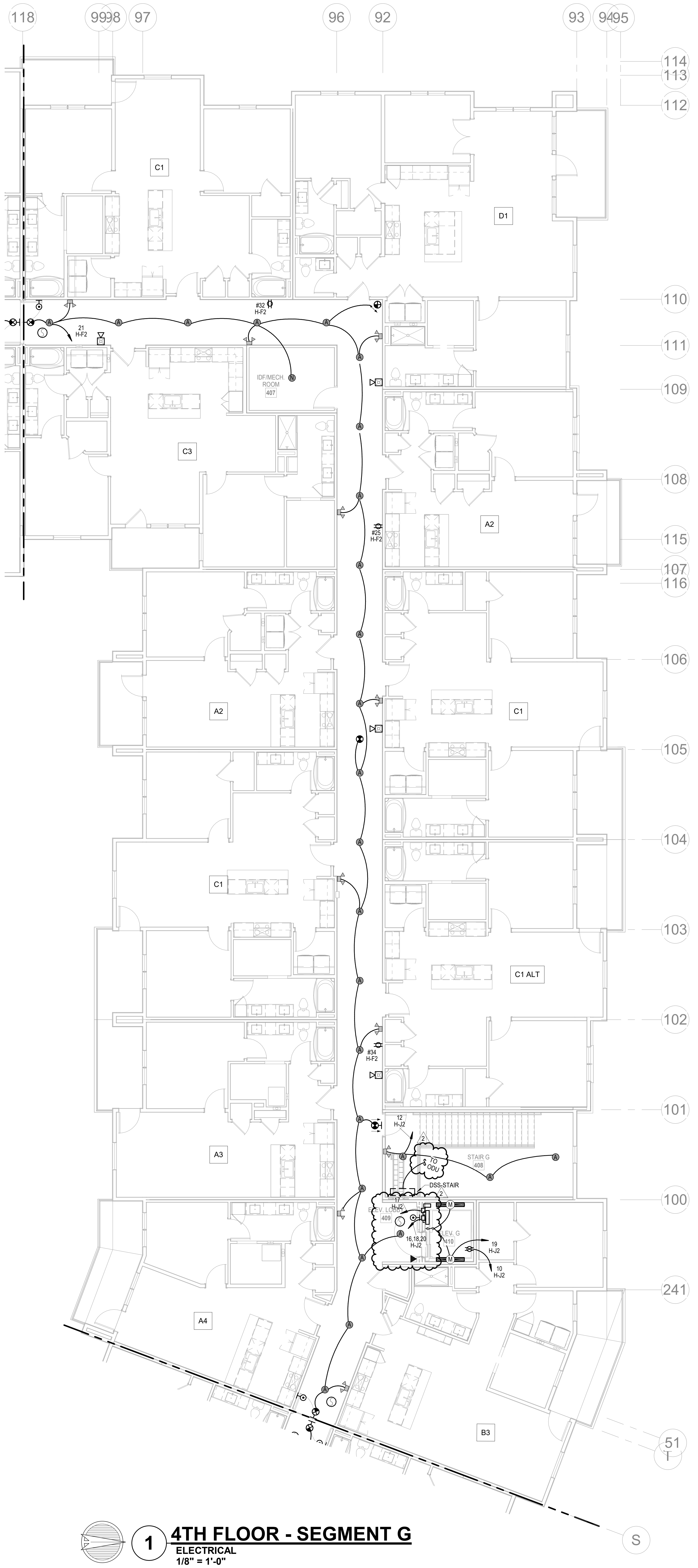
JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT G - 2ND & 3RD FLOOR - ELECTRICAL
SHEET NO.
E1.30

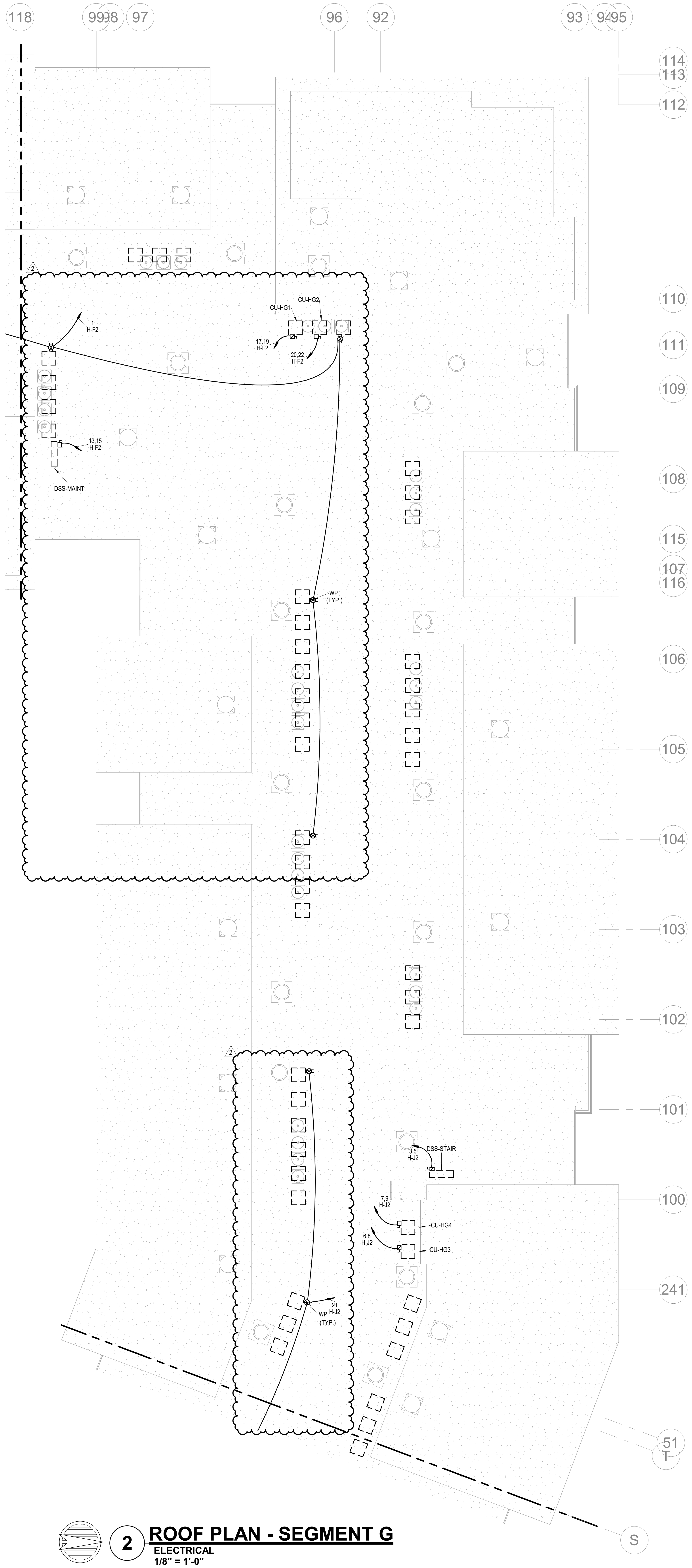
5/1/2023 3:49:35 PM



1 4TH FLOOR - SEGMENT G

ELECTRICAL
1/8" = 1'-0"

NORTH



2 ROOF PLAN - SEGMENT G

ELECTRICAL
1/8" = 1'-0"

NORTH

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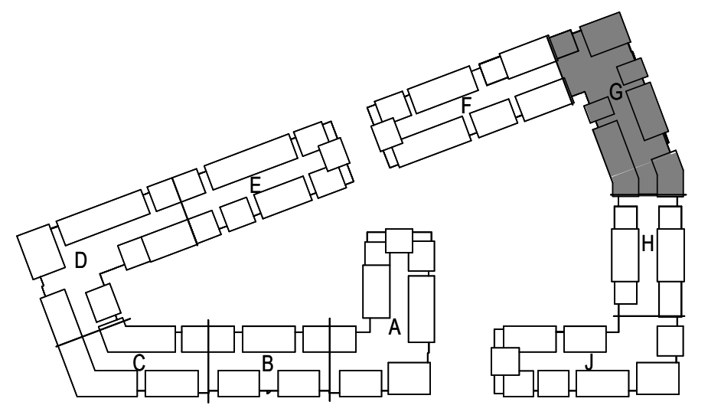

NORTH

KEY PLAN

NO SCALE

△REVISIONS

2 23 0428 ADD 1/CC 2

JOB NO.	DATE
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LSA PROJECT NO. 2204061

SHEET NAME
SEGMENT G - 4TH FLOOR & ROOF PLAN - ELECTRICAL

SHEET NO.
E1.31

ARCH E1 30" x 42"

NOTES:

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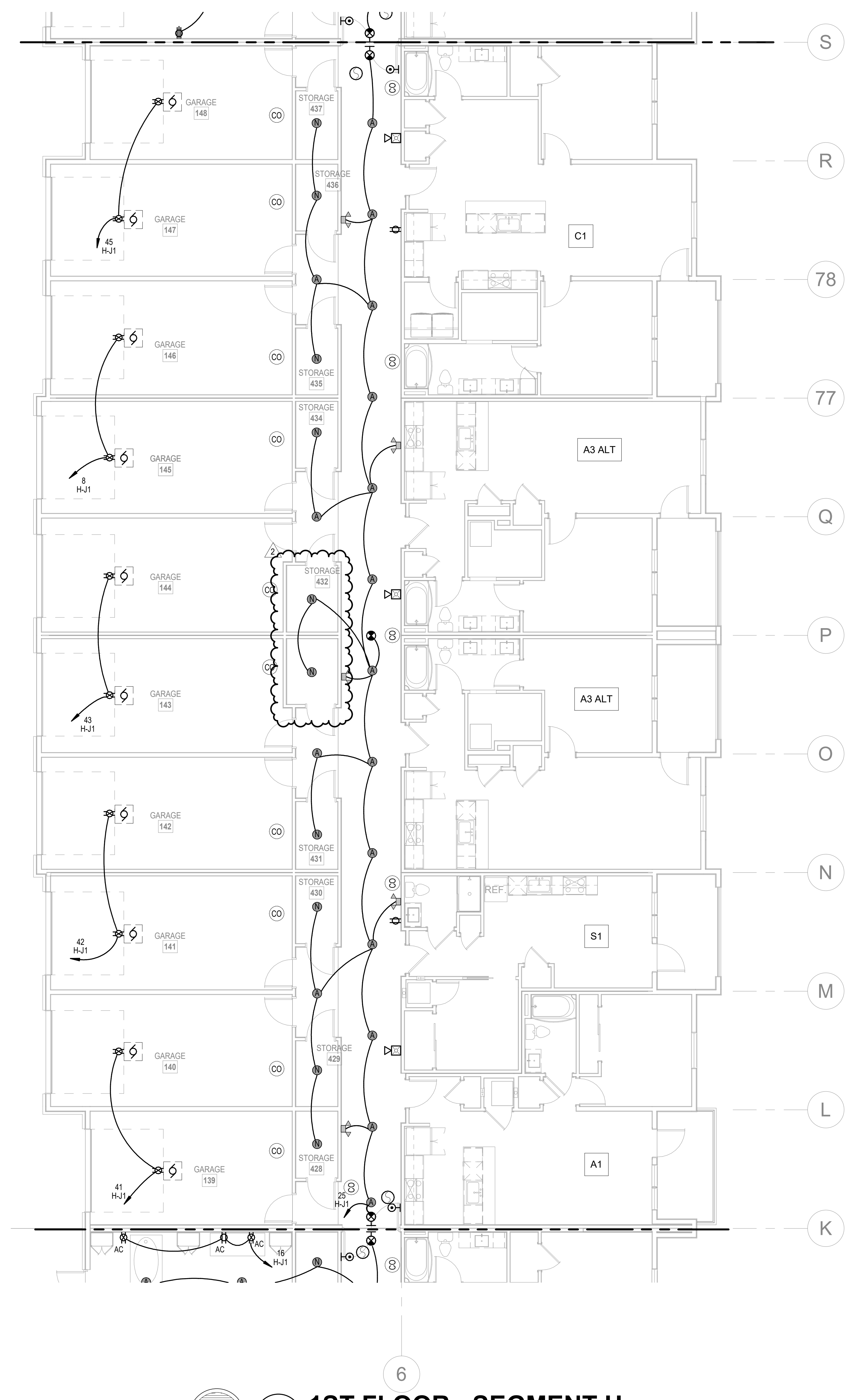
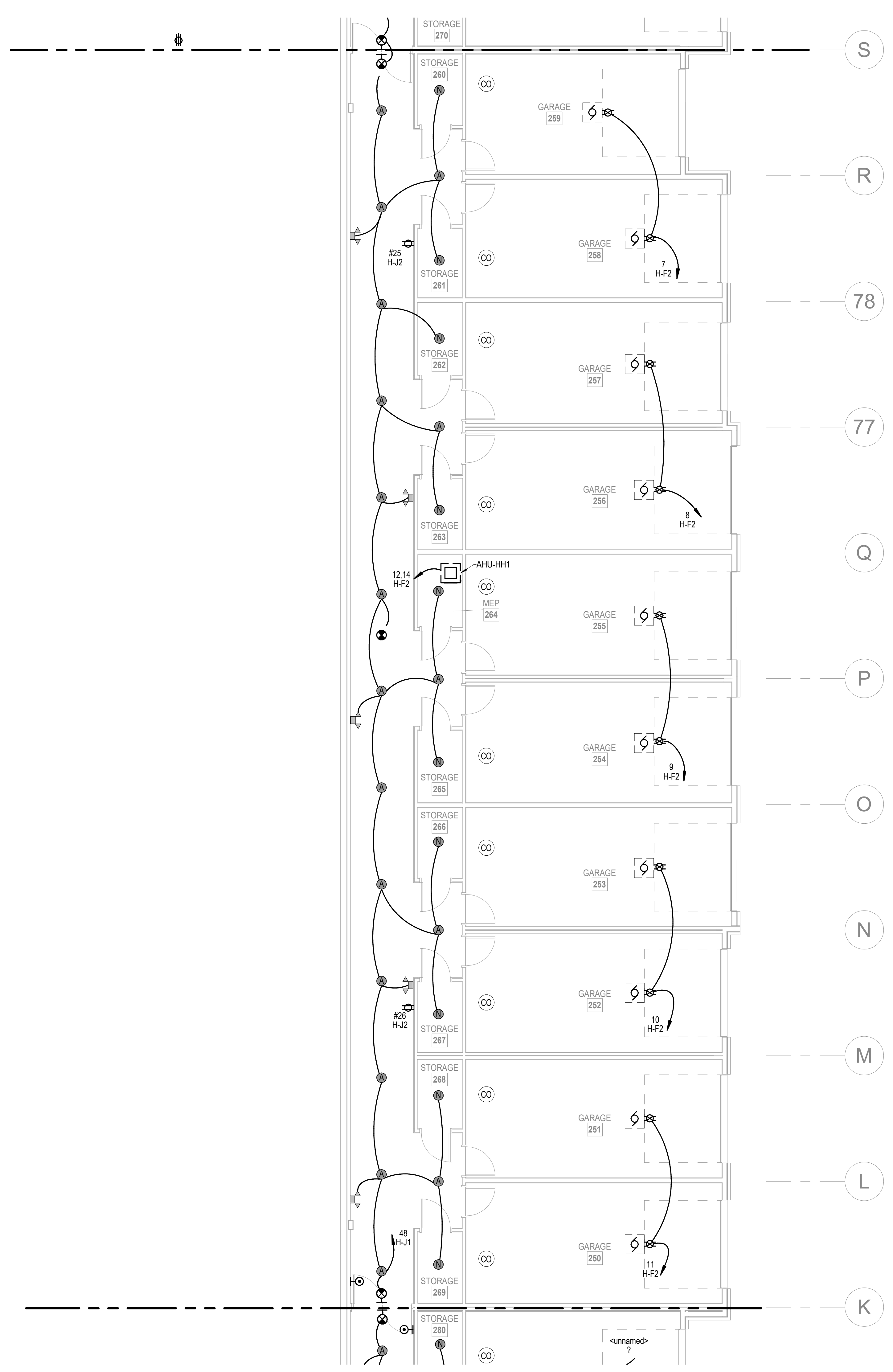


1 1ST FLOOR - SEGMENT H

ELECTRICAL
1/8" = 1'-0"

NORTH



2 BASEMENT - SEGMENT H

ELECTRICAL
1/8" = 1'-0"

NORTH

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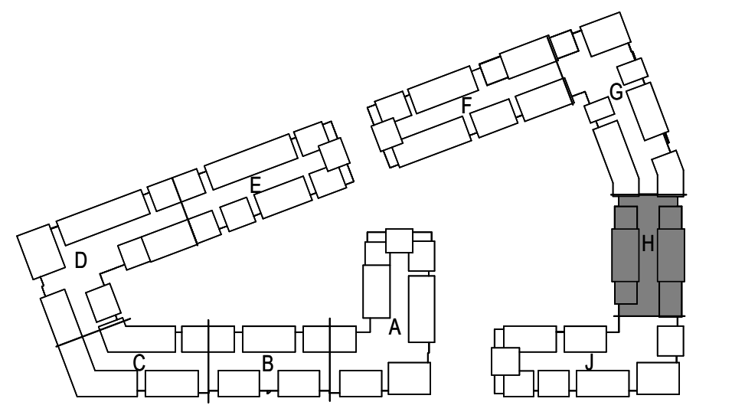

NORTH

KEY PLAN

NO SCALE

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
SEGMENT H - BASEMENT & 1ST FLOOR - ELECTRICAL
SHEET NO.
E1.32

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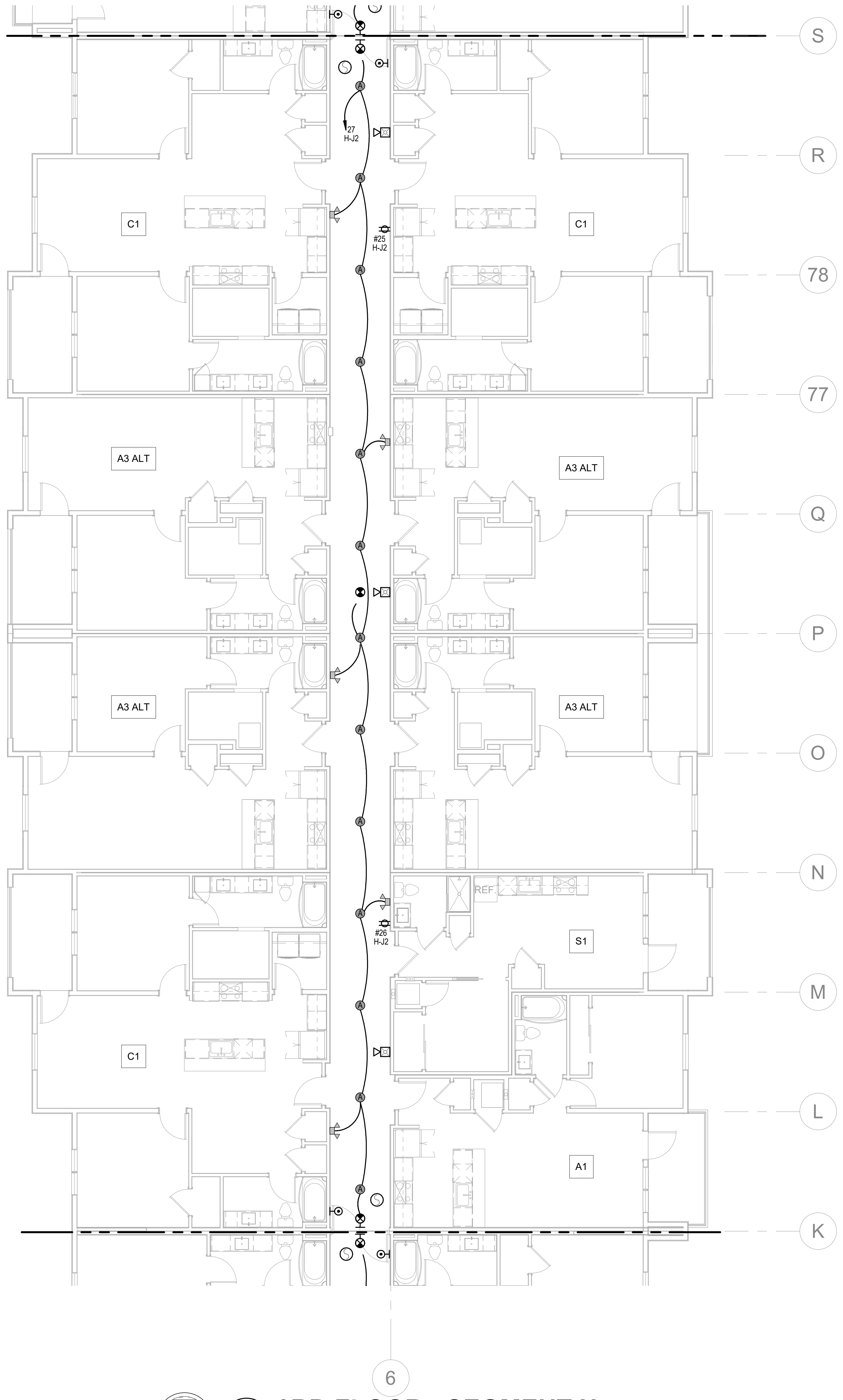
LSA PROJECT NO. 2204061

5/1/2023 3:49:44 PM

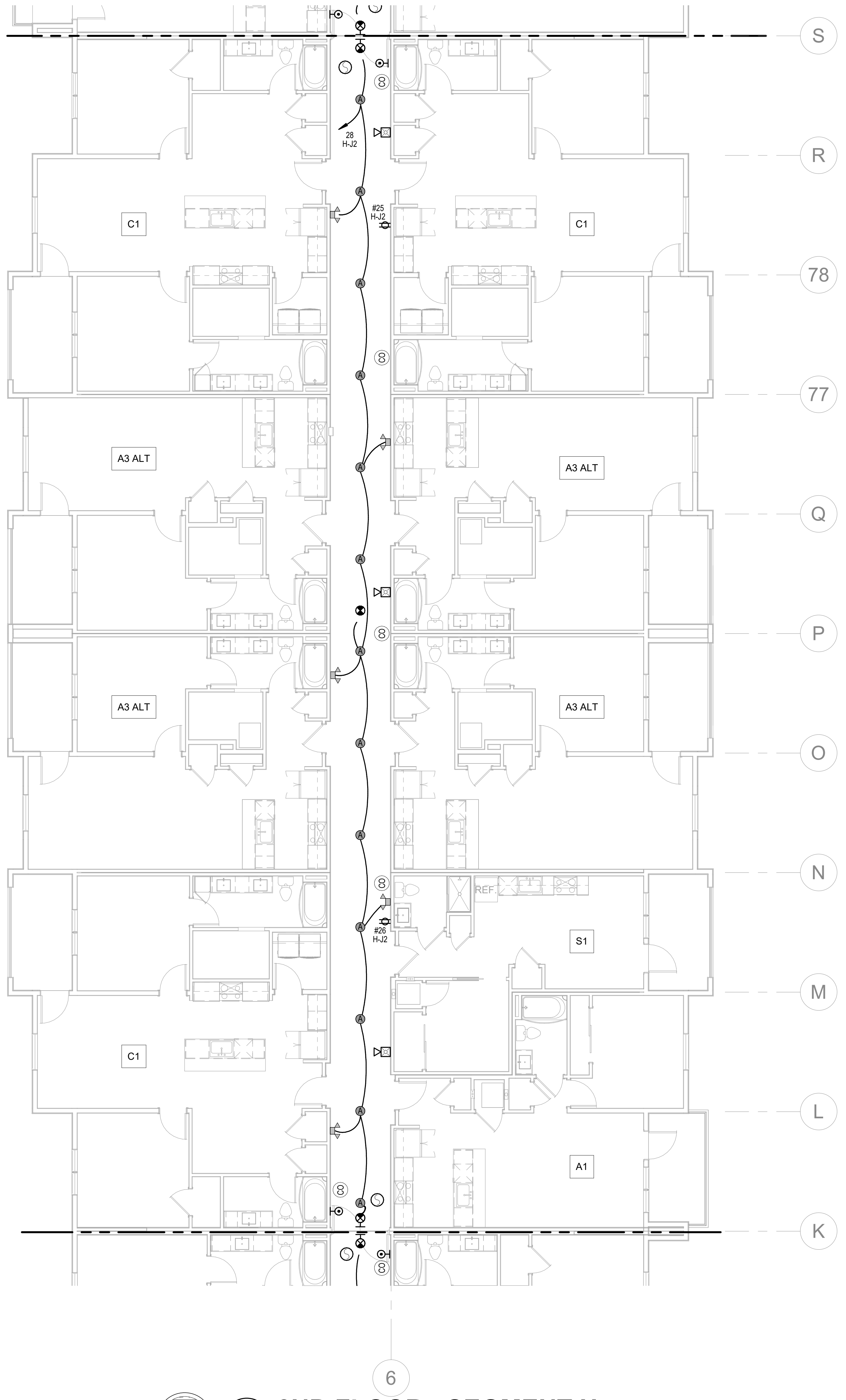
ARCH E1 30" x 42"



1 3RD FLOOR - SEGMENT H

ELECTRICAL
1/8" = 1'-0"

NORTH



2 2ND FLOOR - SEGMENT H

ELECTRICAL
1/8" = 1'-0"

NORTH

NOTES:

1. COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
2. SEE FIRE SUPPRESSION SUBMITTALS AND INCORPORATE ALL DEVICES INTO FIRE ALARM.
3. EXIT LIGHTS SHALL BE VISIBLE TO OCCUPANTS.
4. PROVIDE NEC CLEARANCES FOR ALL PANELS AND ELECTRICAL EQUIPMENT.
5. FOLLOW THE DRAWINGS FOR HOME RUNS AND CIRCUIT NUMBERS. DO NOT COMBINE CIRCUITS IN LARGER CONDUITS UNLESS PRE-APPROVED BY THE ENGINEER.
6. LABEL ALL JUNCTION BOXES AS TO THE PANEL AND CIRCUIT NUMBER SERVED.
7. PANEL DIRECTORIES SHALL BE SPECIFIC TO THE ROOMS/EQUIPMENT SERVED.
8. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS AND DETAILS.
9. SEE TELECOM DETAILS FOR MISCELLANEOUS POWER NEEDS.
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    ALL ▽ FIXTURES ARE TYPE X4 UNLESS NOTED OTHERWISE
11. LIGHTING AND RECEPTACLES IN STAIR TOWER TO BE ON SINGLE CIRCUIT.
12. VERTICALLY ALIGNED FLOOR TO FLOOR RECEPTACLES TO BE ON SINGLE CIRCUIT
13. REVIEW HVAC PLANS FOR FIRE/SMOKE DAMPERS AND CONNECT TO 120V AND FIRE ALARM.

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RICHARD R. BEARDMORE
PROFESSIONAL ENGINEER
04/28/2023

A NEW RESIDENTIAL COMMUNITY AT:

TRILOGY

800 & 810 NW WARD RD. | LEE'S SUMMIT, MO

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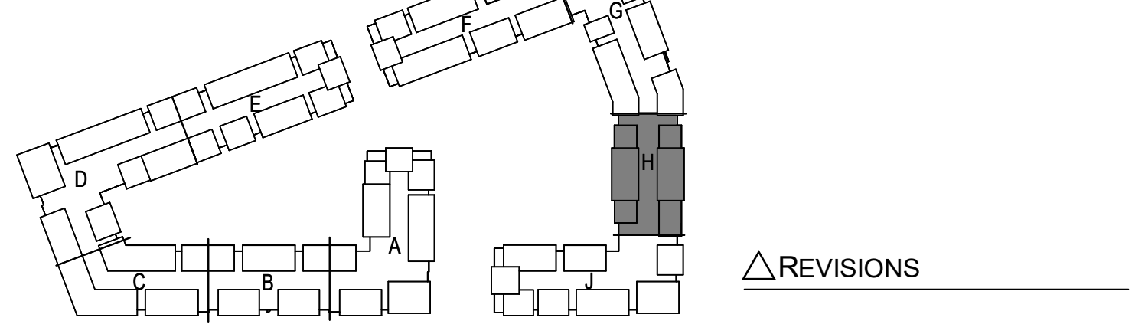
- 03.15.2023 - PERMIT SUBMITTAL



REVISIONS

NORTH

KEY PLAN

NO SCALE

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LSA PROJECT NO. 2204061

JOB NO.	DATE
705921	03.15.2023

DRAWN BY
LSA CAD

4/28/2023 ADDENDUM 1/
CITY COMMENTS #2

SHEET NAME
SEGMENT H - 2ND & 3RD FLOOR - ELECTRICAL

SHEET NO.
E1.33

5/1/2023 3:48:47 PM

ARCH E1 30" x 42"

NOTES:

1. COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
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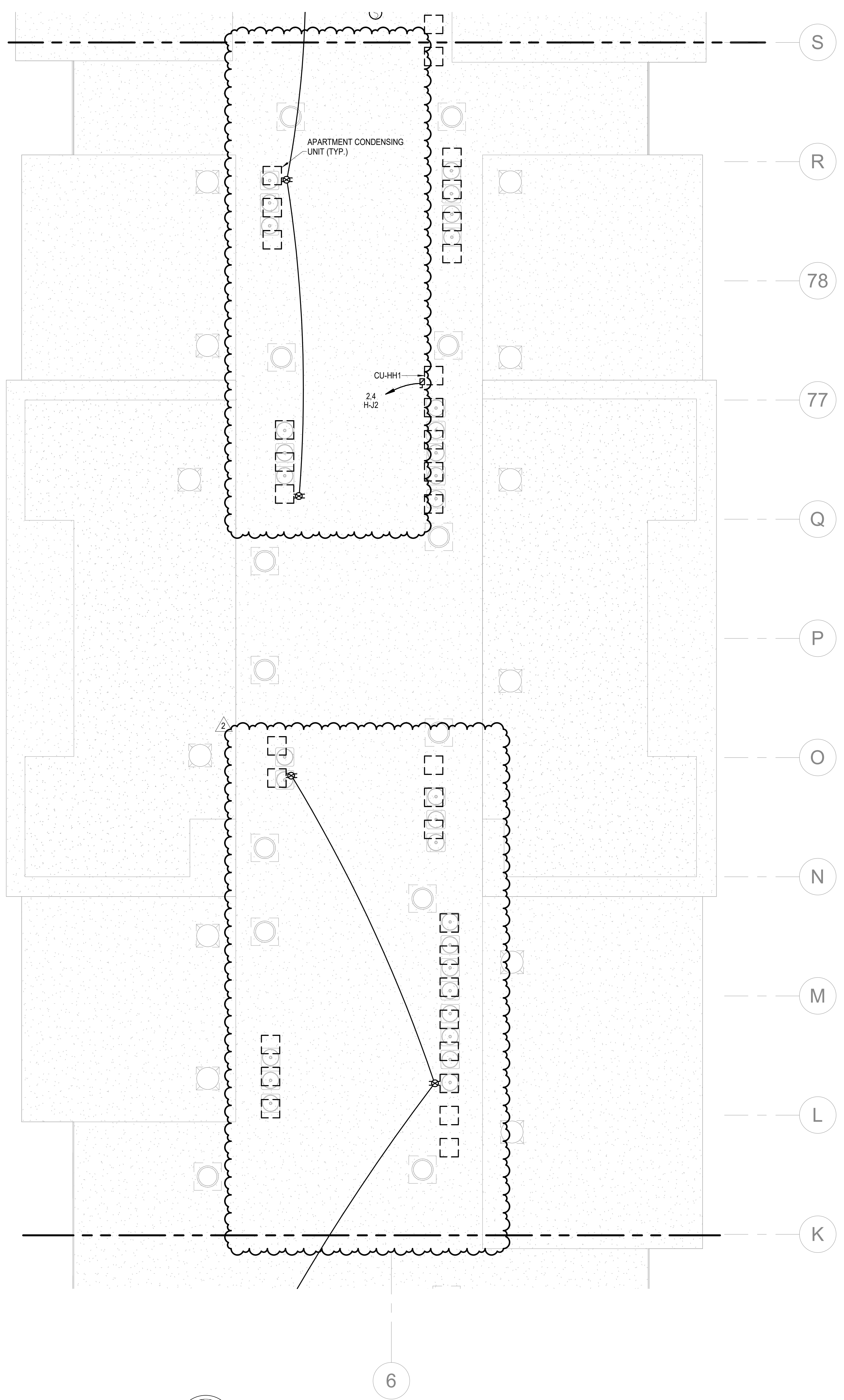
STATE OF MISSOURI
RICHARD R. BEARDMORE
PROFESSIONAL ENGINEER

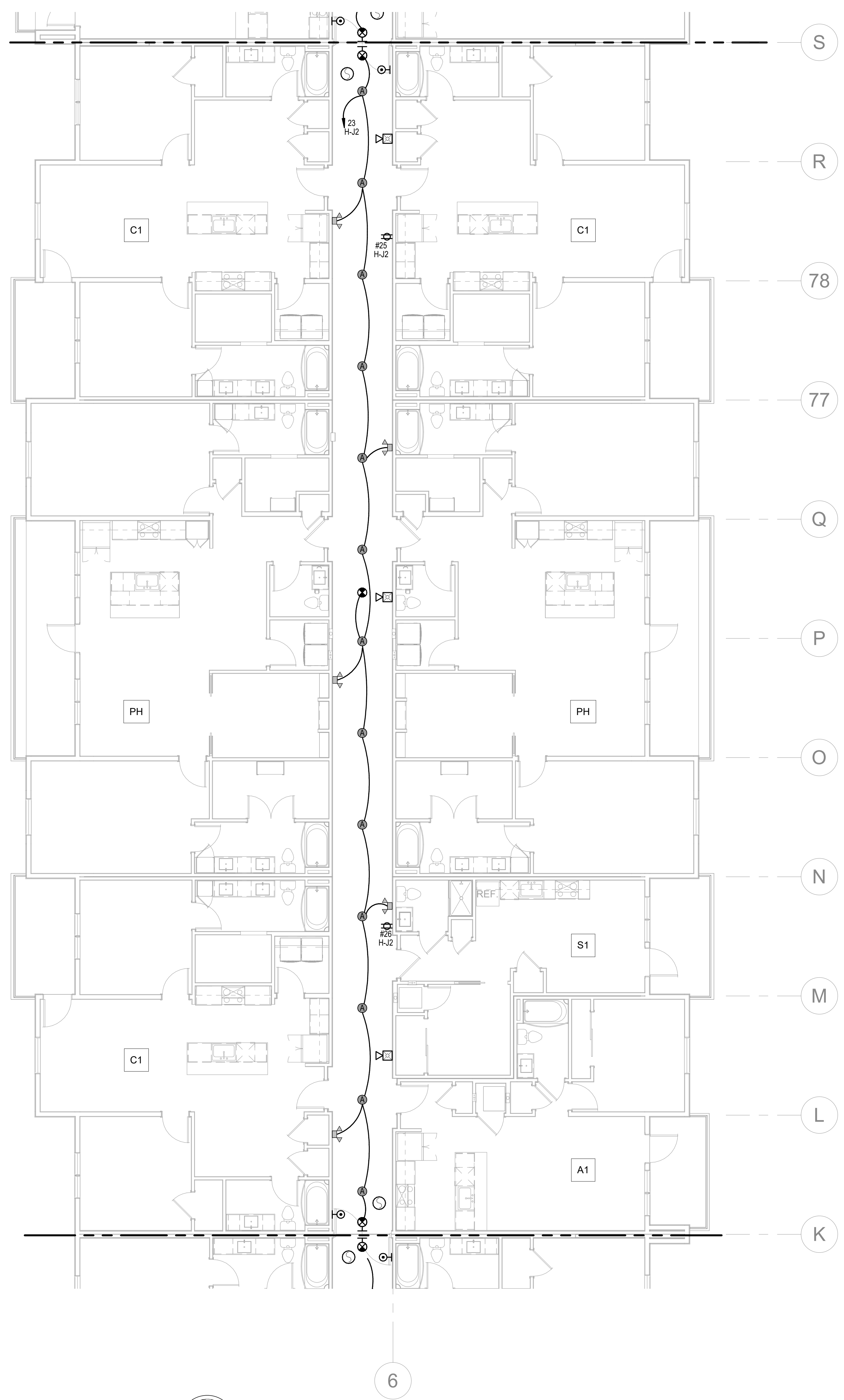
04/28/2023



1 ROOF PLAN - SEGMENT H

ELECTRICAL
1/8" = 1'-0"

NORTH



2 4TH FLOOR - SEGMENT H

ELECTRICAL
1/8" = 1'-0"

NORTH

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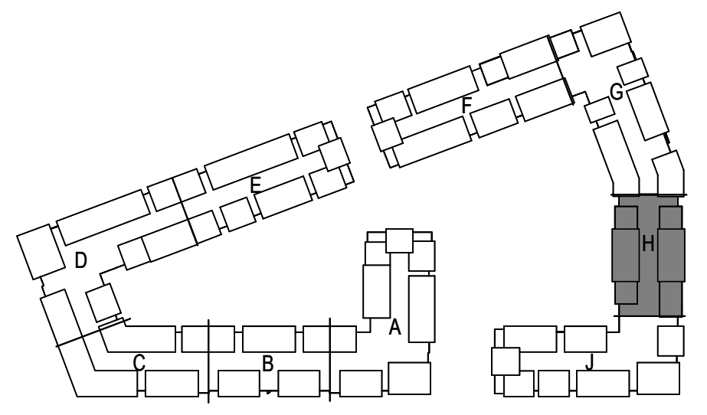

△REVISIONS
2 23 0428 ADD 1/CC 2

NORTH

KEY PLAN

NO SCALE

JOB NO.
705921

DATE
03.15.2023

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4/28/2023 ADDENDUM 1/
CITY COMMENTS #2

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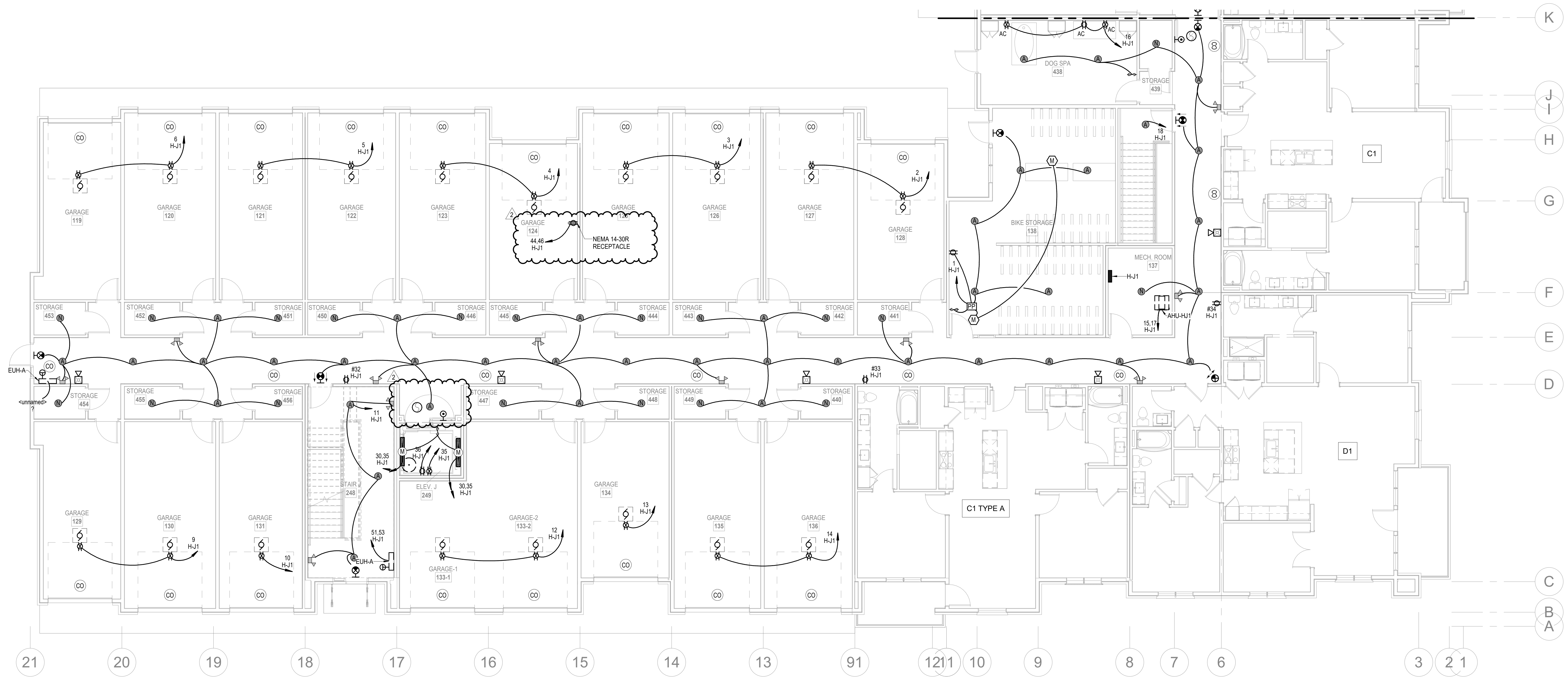
LSA PROJECT NO. 2204061

SHEET NAME
SEGMENT H - 4TH FLOOR & ROOF PLAN - ELECTRICAL

SHEET NO.
E1.34

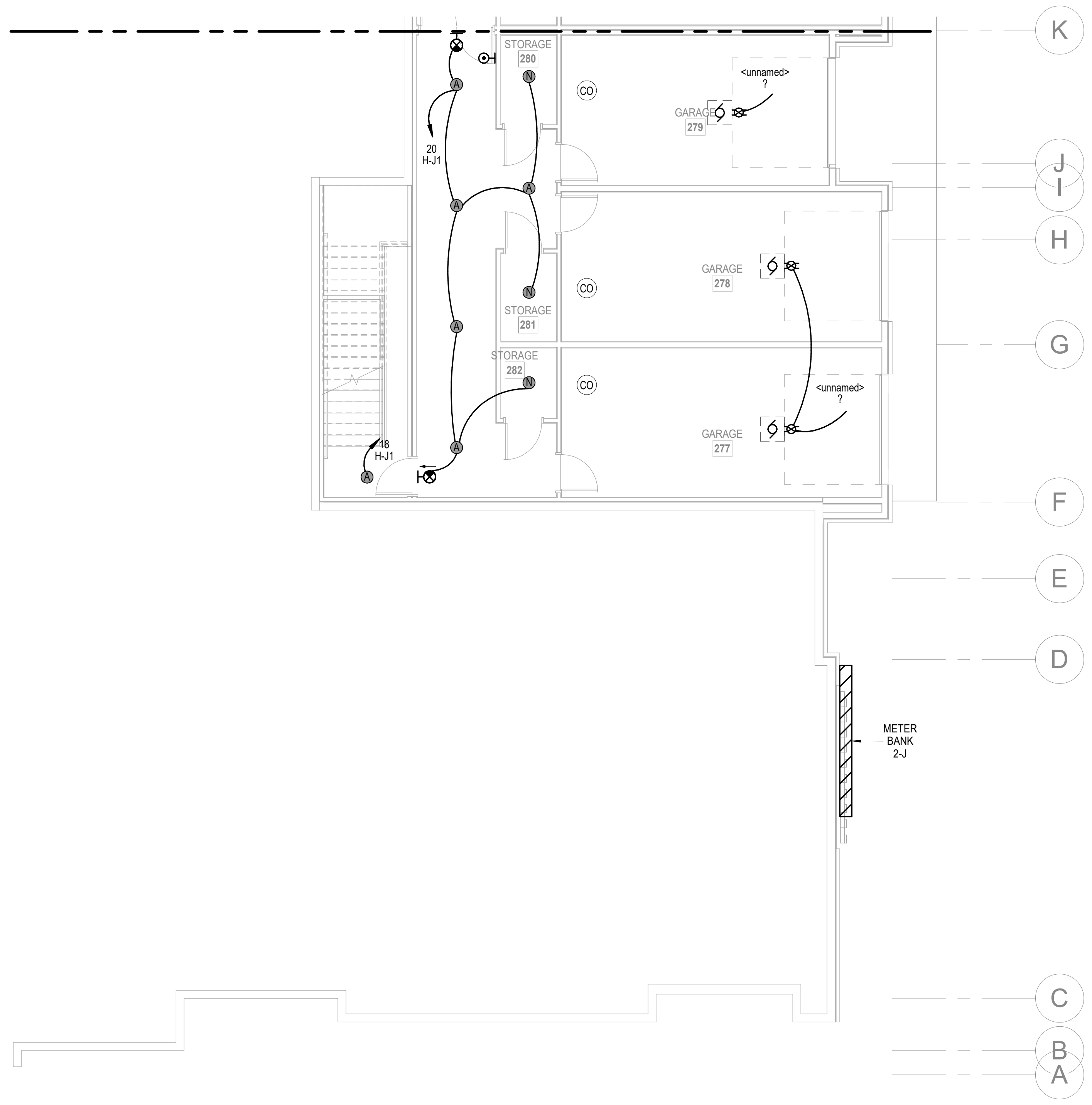
5/1/2023 3:49:50 PM

ARCH E1 30" x 42"



1 1ST FLOOR - SEGMENT J
ELECTRICAL
1/8" = 1'-0"

NORTH



2 BASEMENT - SEGMENT J
ELECTRICAL
1/8" = 1'-0"

NORTH

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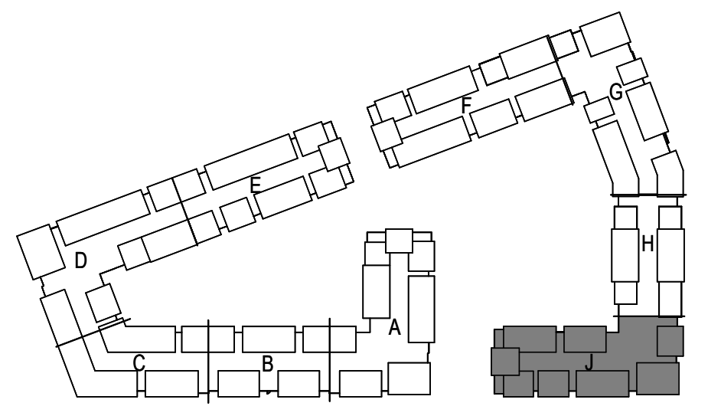

REVISIONS
2 23 0428 ADD 1/CC 2

KEY PLAN
NO SCALE

NORTH

JOB NO. 705921	DATE 03.15.2023
DRAWN BY LSA CAD	
4/28/2023	ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME SEGMENT J - BASEMENT & 1ST FLOOR - ELECTRICAL	
SHEET NO. E1.35	

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LSA PROJECT NO. 2204061

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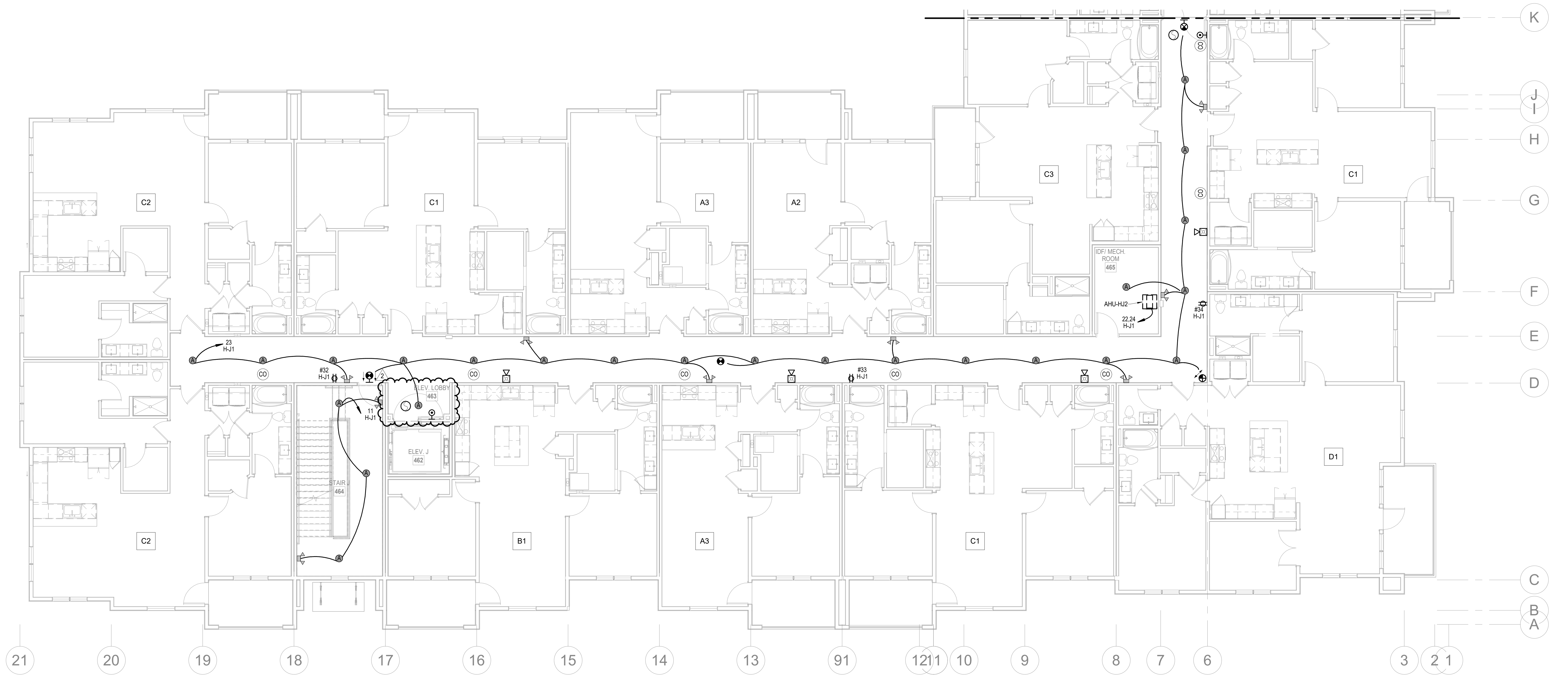
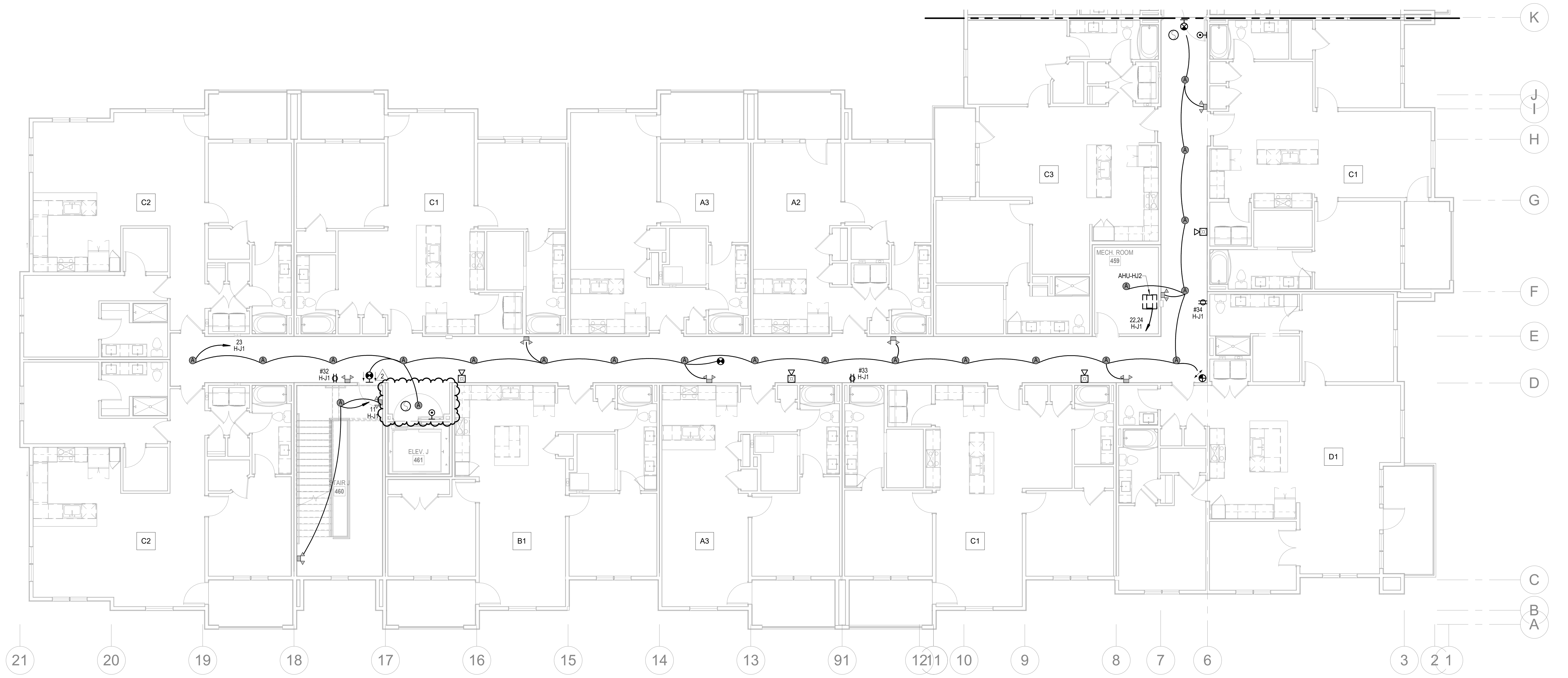
ARCH E1 30" x 42"



NORTH

1 2ND FLOOR - SEGMENT J

ELECTRICAL
1/8" = 1'-0"



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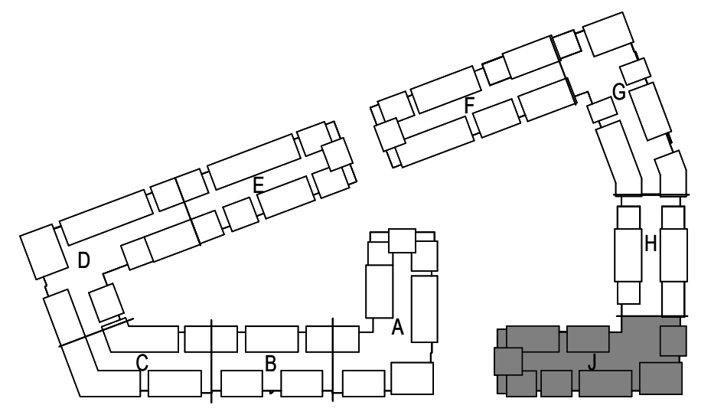

NORTH

KEY PLAN

NO SCALE

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LSA PROJECT NO. 2204061

JOB NO.	DATE
705921	**03.15.2023**

DRAWN BY
LSA CAD

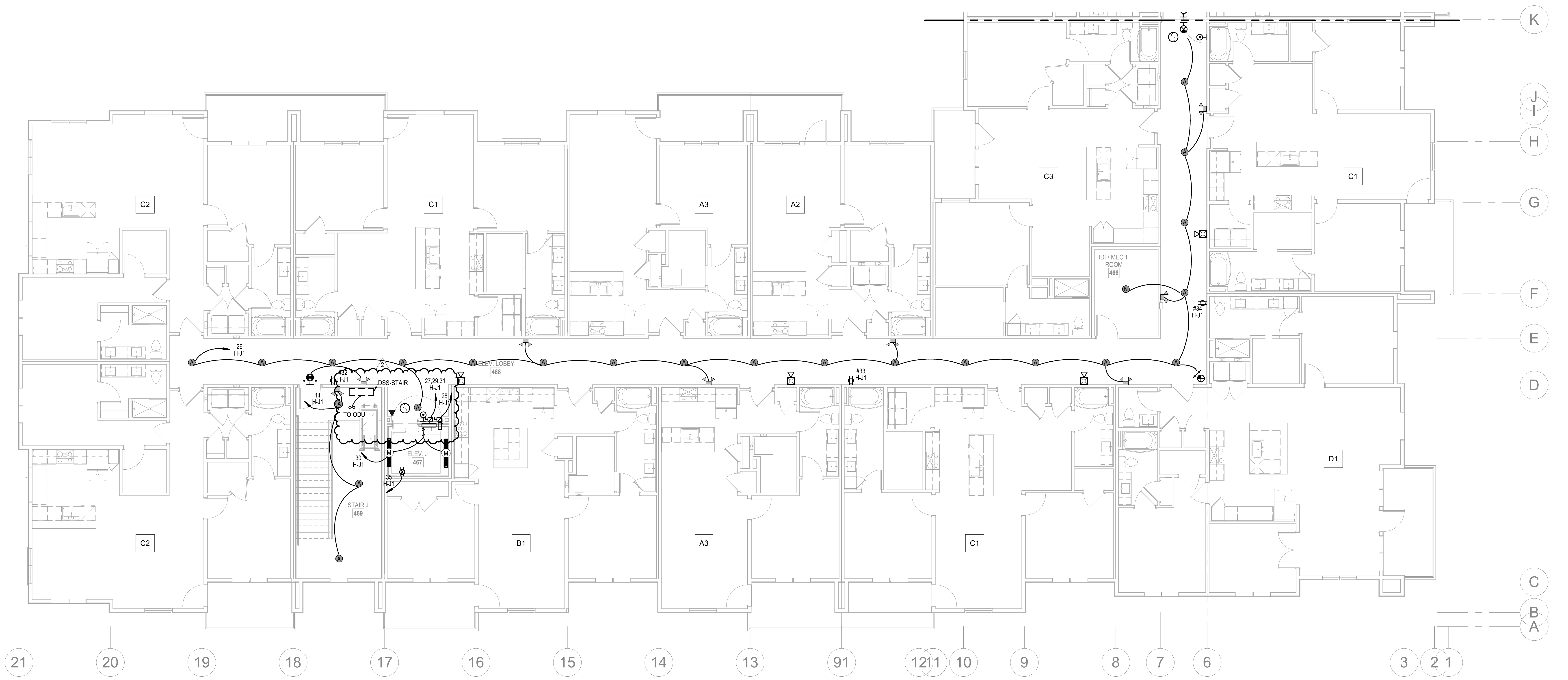
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2

SHEET NAME
SEGMENT J - 2ND & 3RD FLOOR - ELECTRICAL

SHEET NO.
E1.36

5/1/2023 3:49:58 PM

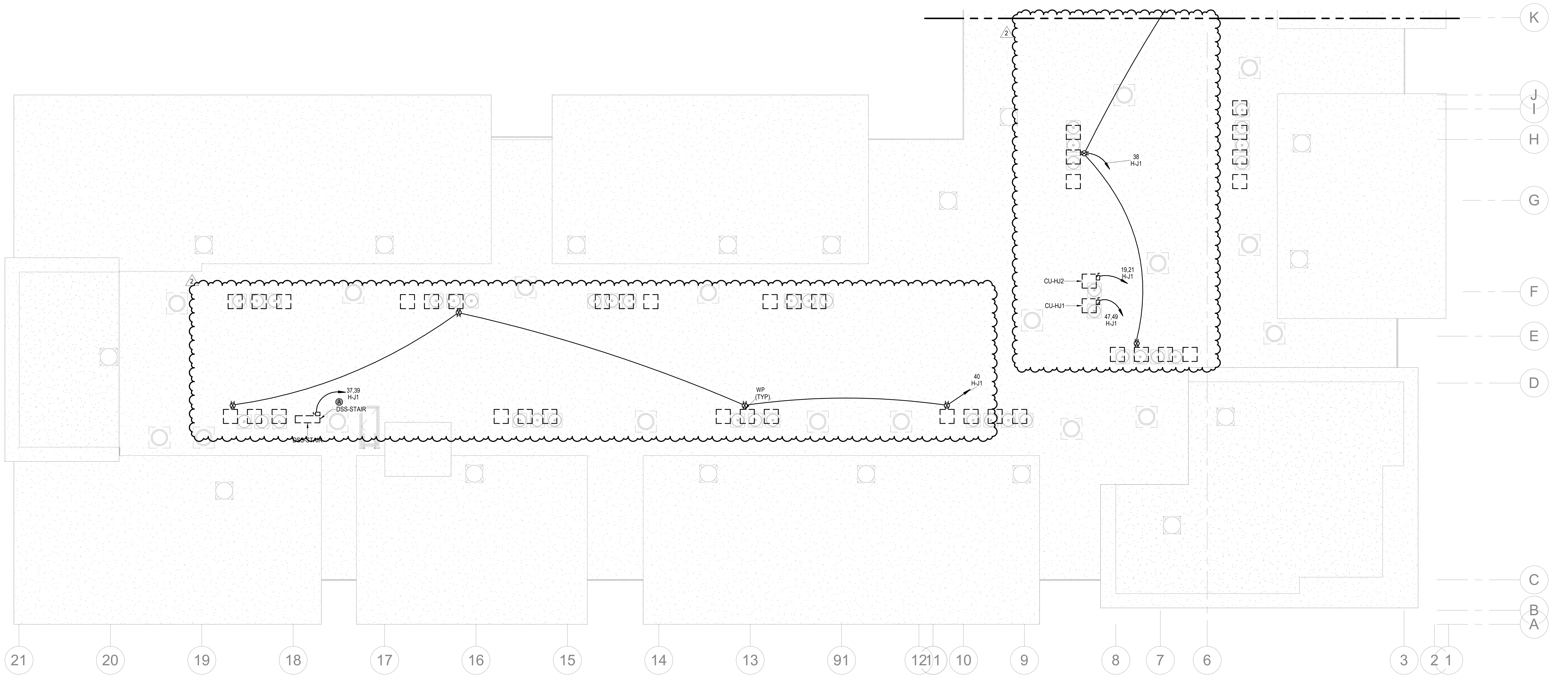
ARCH E1 30" x 42"



1 4TH FLOOR - SEGMENT J

ELECTRICAL
1/8" = 1'-0"

NORTH



2 ROOF PLAN - SEGMENT J

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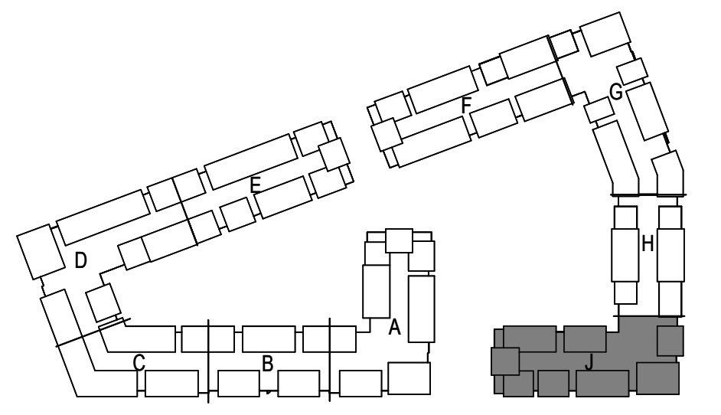

△ REVISIONS
2 23 0428 ADD 1/CC 2

NORTH

KEY PLAN

NO SCALE

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4/28/2023	ADDENDUM 1/ CITY COMMENTS #2

SHEET NAME
SEGMENT J - 4TH FLOOR & ROOF PLAN - ELECTRICAL
SHEET NO.
E1.37

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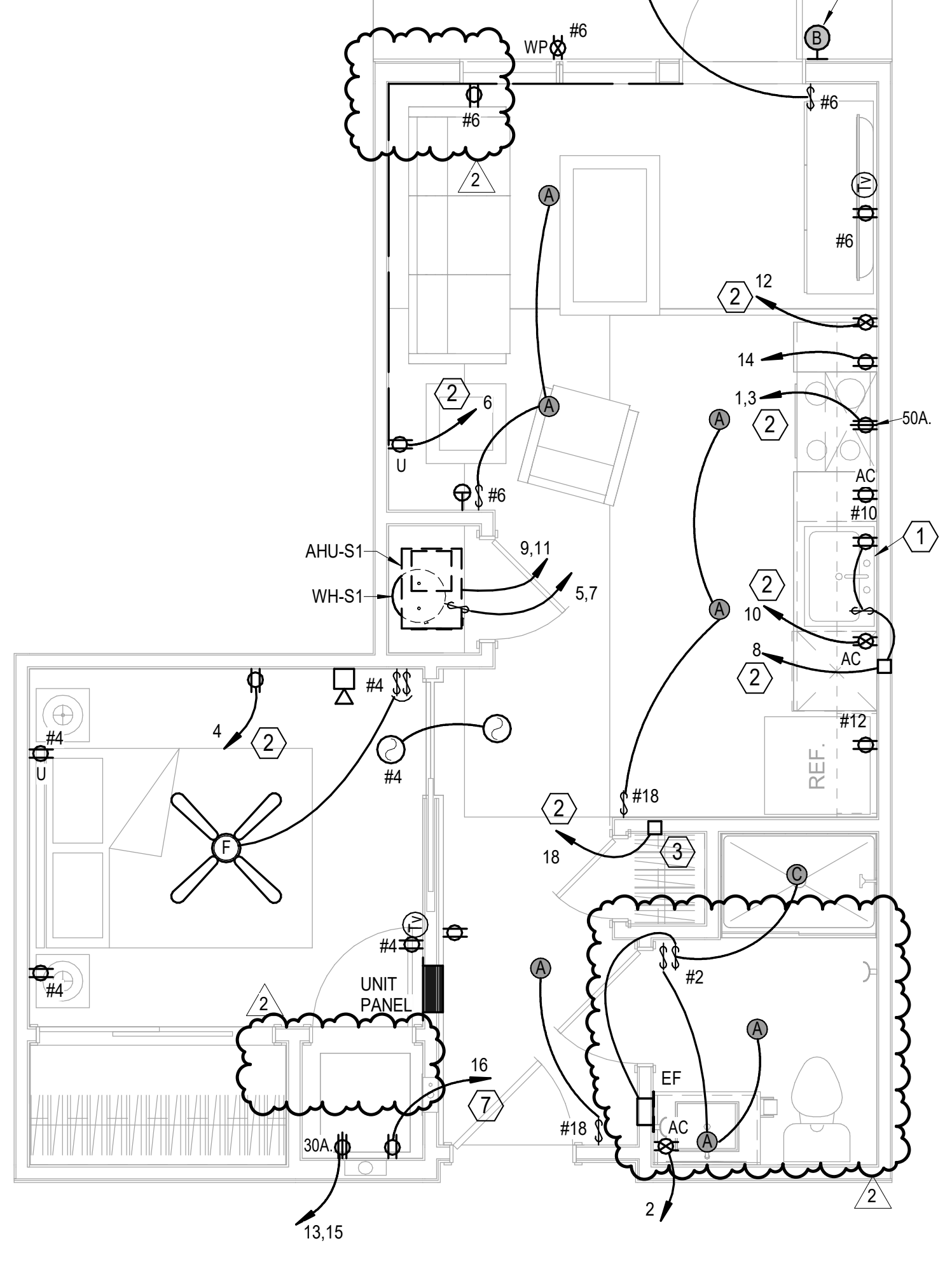
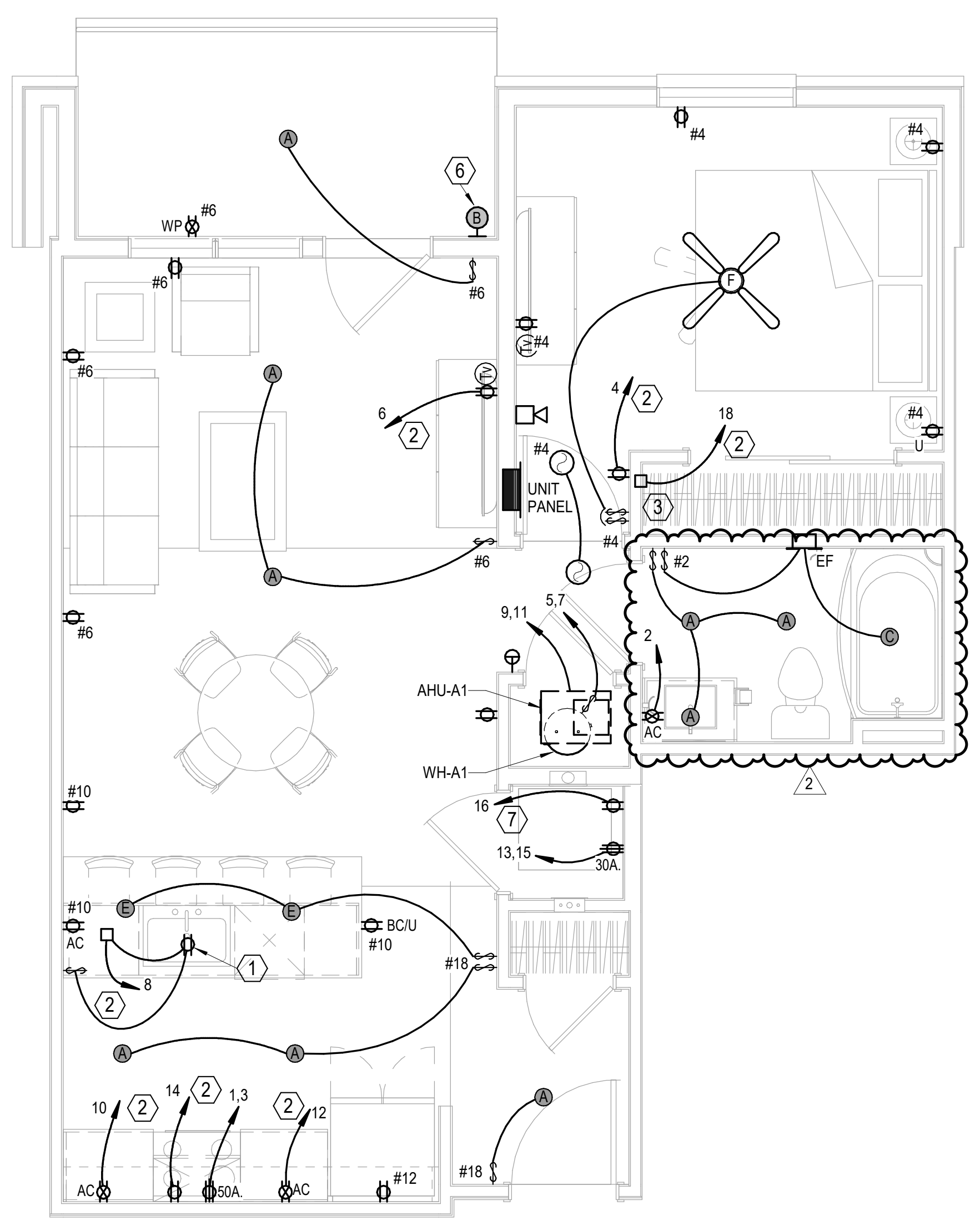
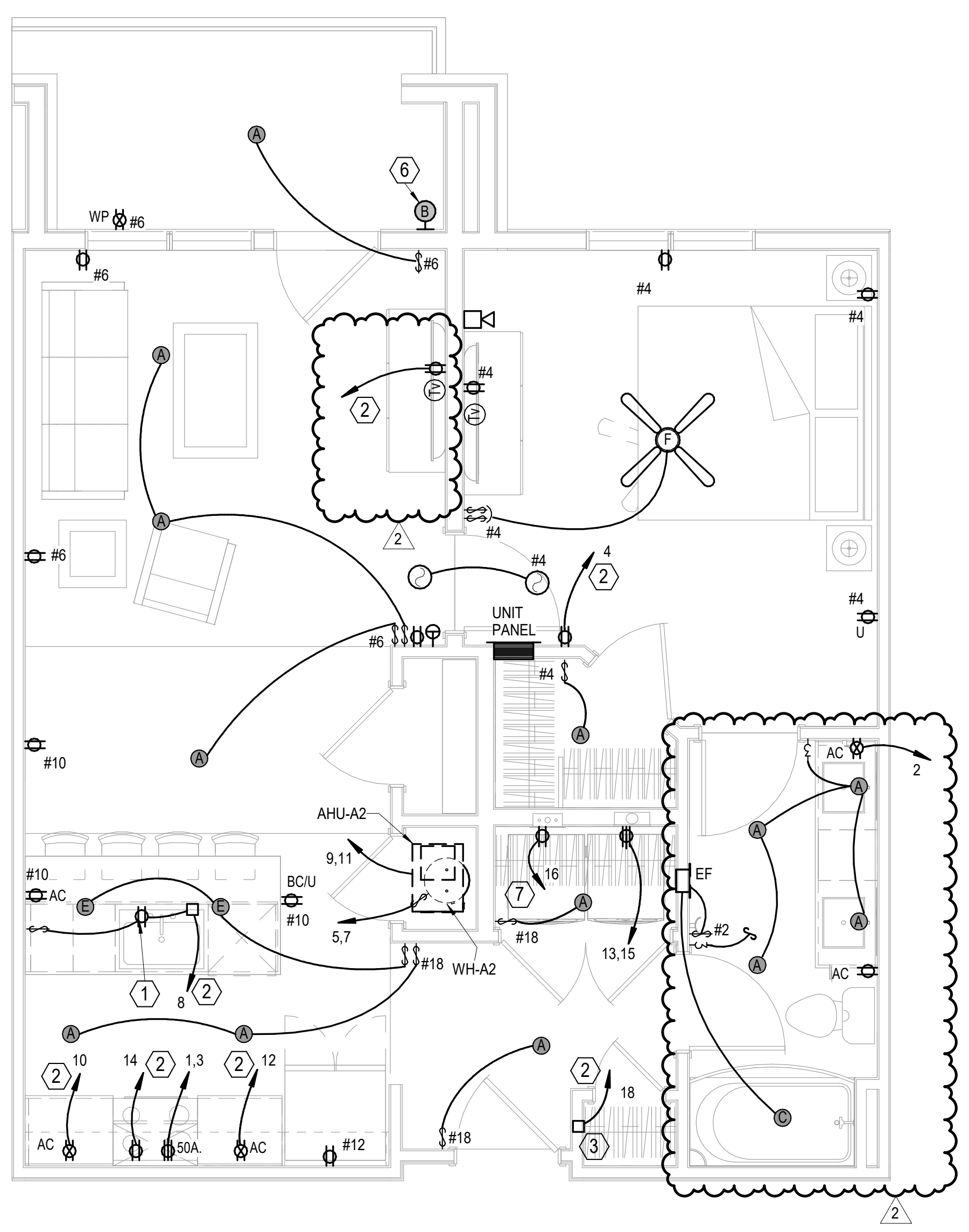


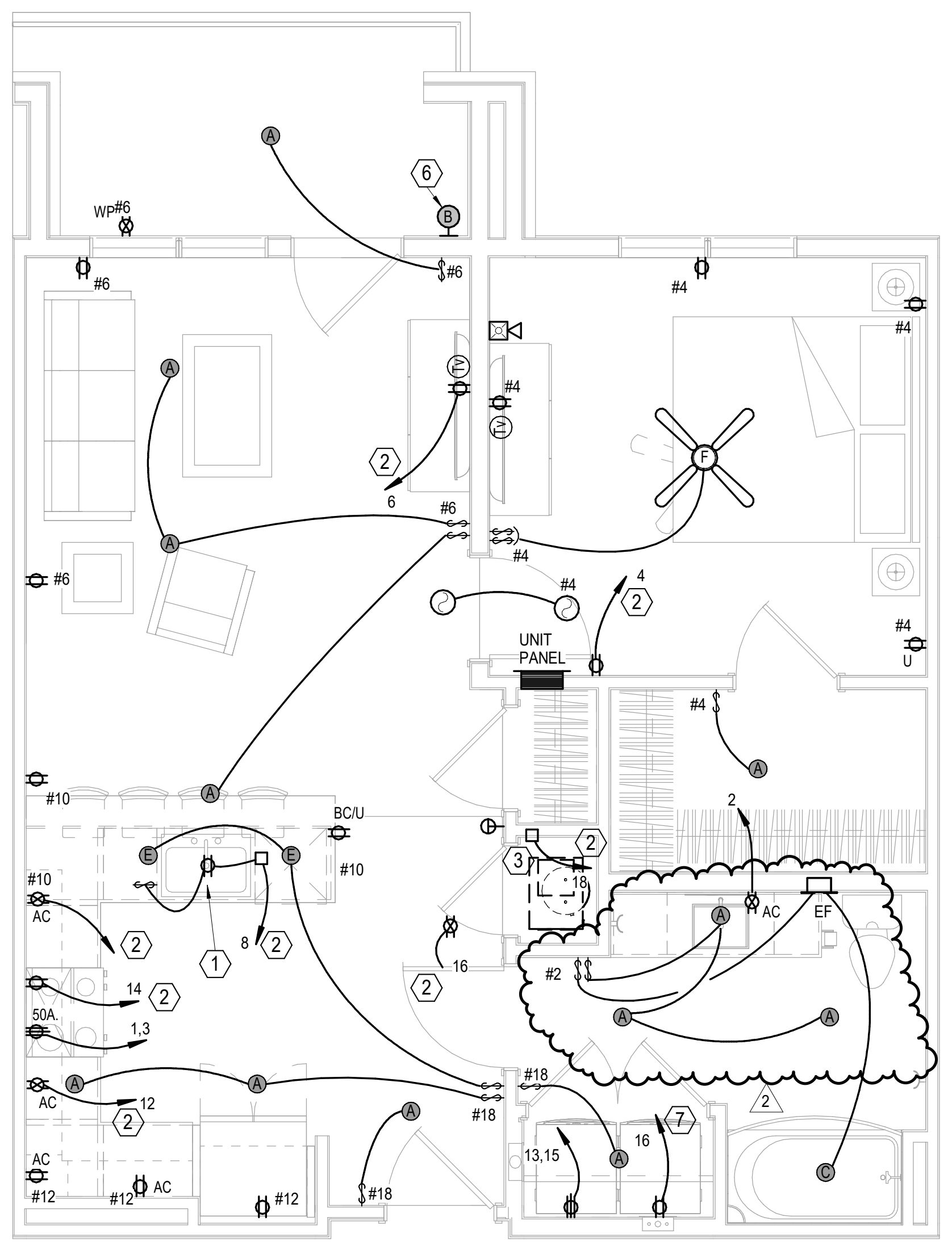
1 UNIT S1
ELECTRICAL
1/4" = 1'-0"



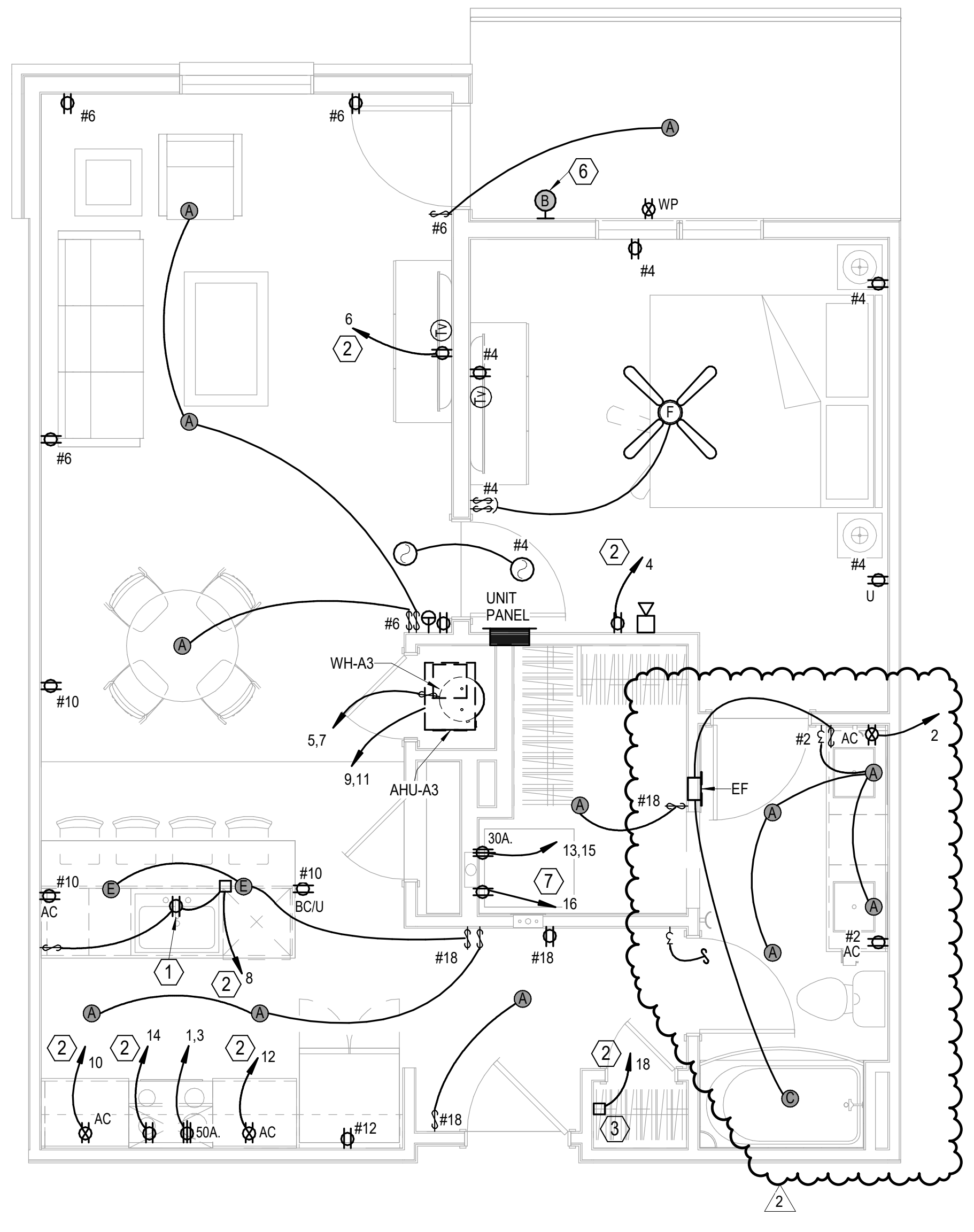
2 UNIT A1
ELECTRICAL
1/4" = 1'-0"



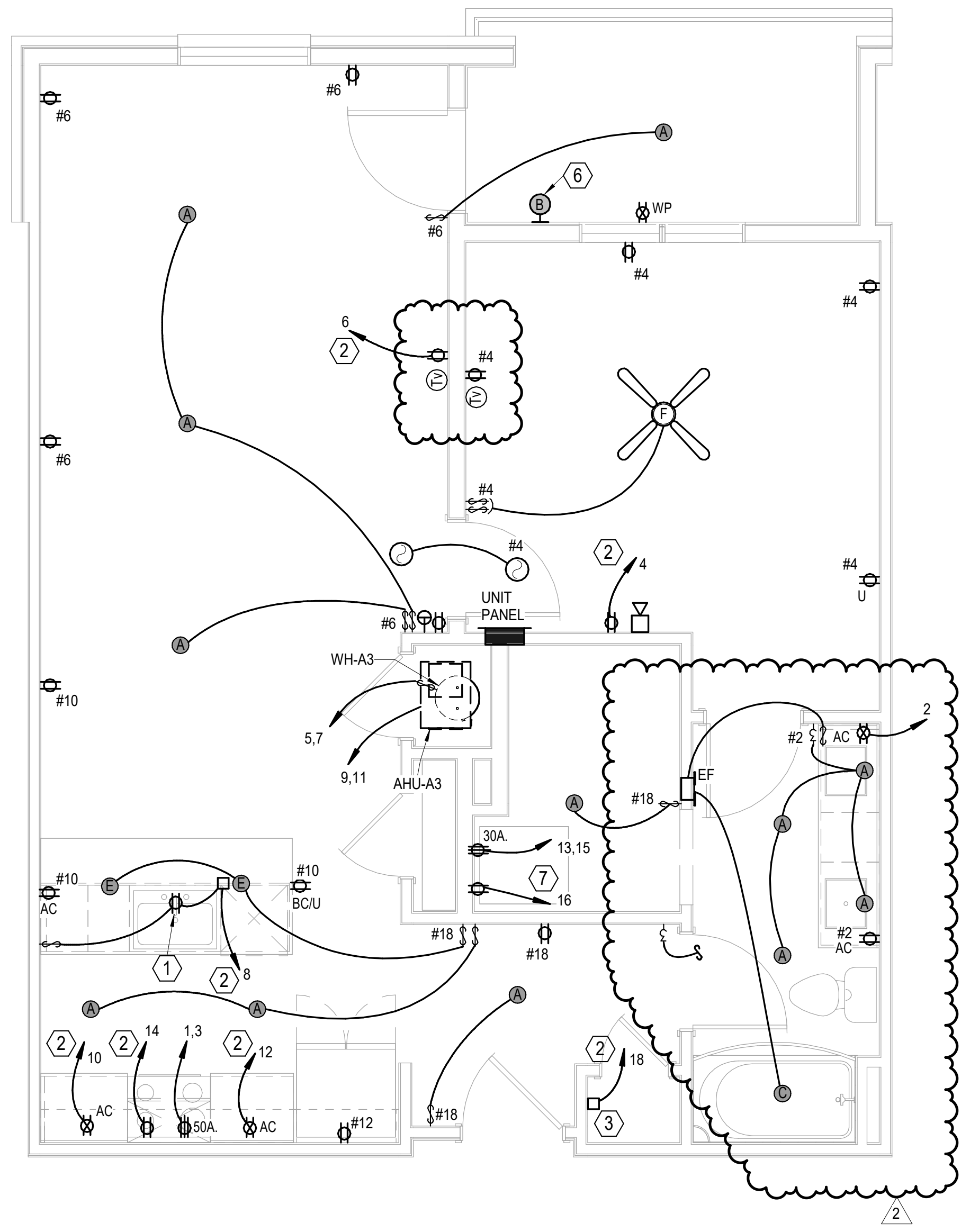
3 UNIT A2
ELECTRICAL
1/4" = 1'-0"



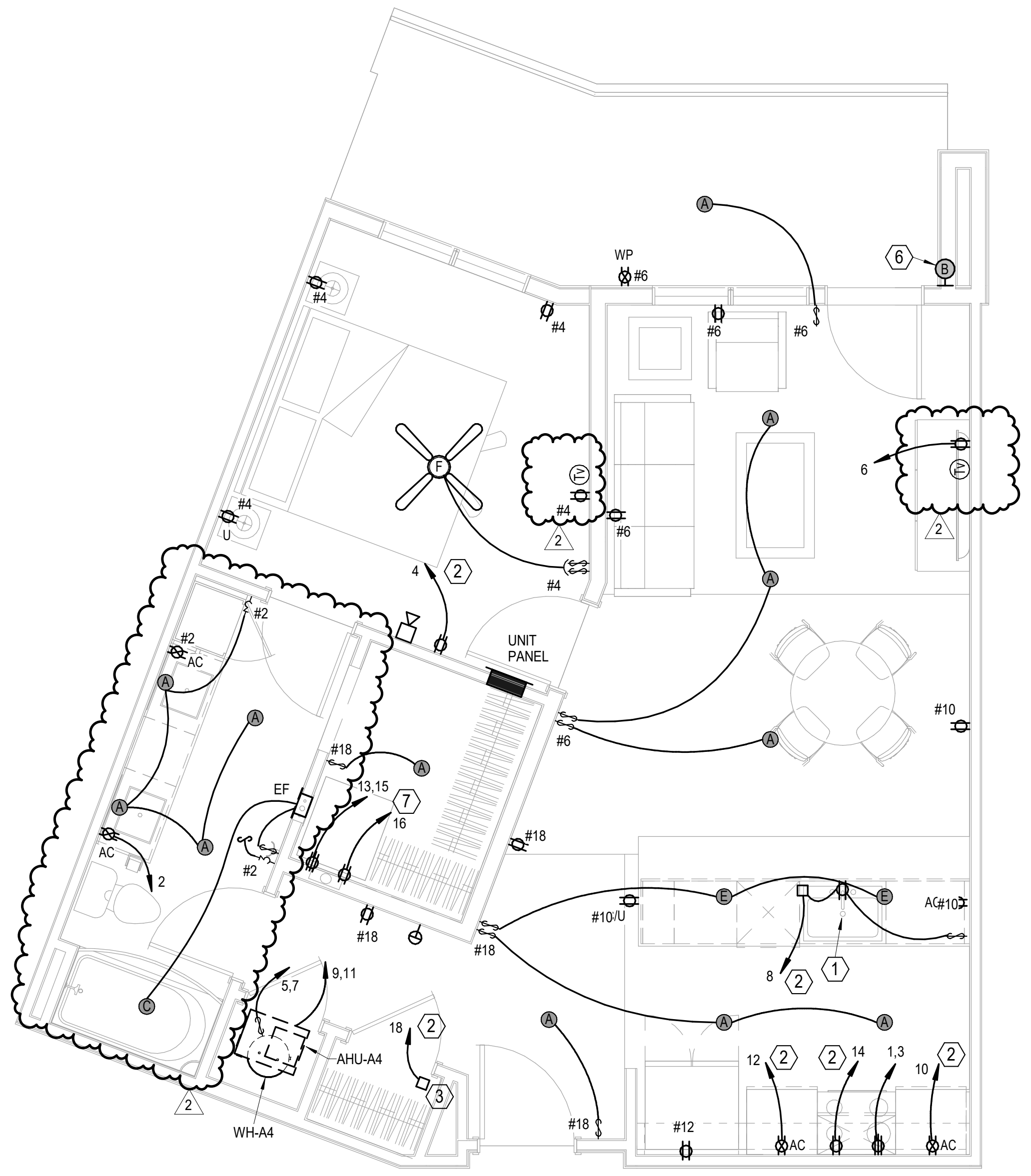
4 UNIT A2 TYPE A
ELECTRICAL
1/4" = 1'-0"



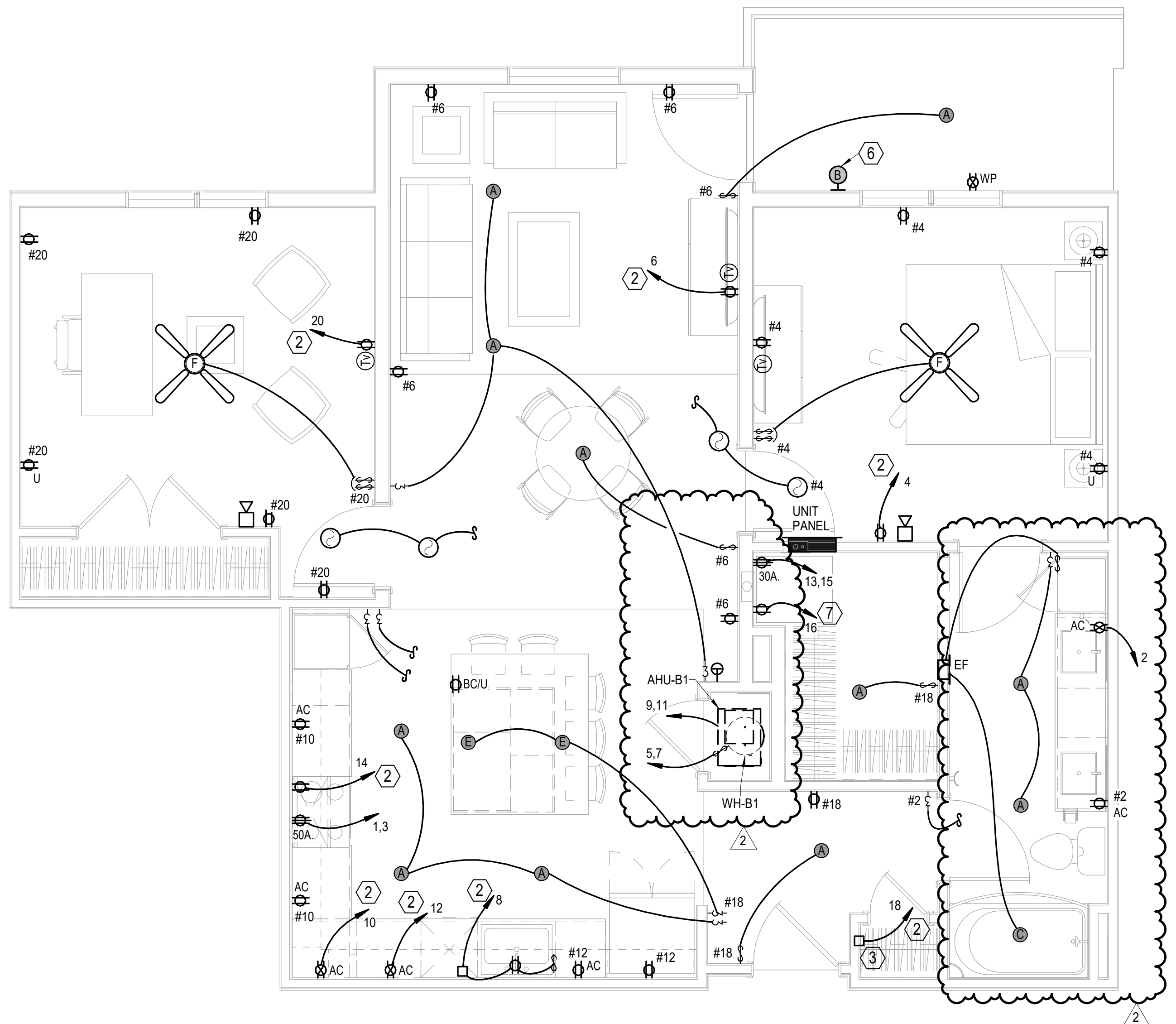
5 UNIT A3
ELECTRICAL
1/4" = 1'-0"



6 UNIT A3 ALT 1
ELECTRICAL
1/4" = 1'-0"



7 UNIT A4
ELECTRICAL
1/4" = 1'-0"



8 UNIT B1
ELECTRICAL
1/4" = 1'-0"

UNIT ELECTRICAL NOTES:

1. CEILING FAN SWITCHES PROVIDED WITH FAN. CONTROL LIGHT AND FAN SEPARATELY. INTENDED FOR SINGLE GANG BOX.
2. CENTER KITCHEN ISLAND PENDANT LIGHTS OVER BASE BACK WALL AND CENTERED EQUALLY LEFT TO RIGHT OVER SINK. THESE ARE SEPARATELY SWITCHED.
3. GENERALLY CENTER LIGHT 0N WINDOWS, DOOR, HALLWAYS, SINKS, OVER TUBS, ETC. VERIFY ALL LOCATIONS IN EACH UNIT DIMENSIONALLY WITH ARCHITECT, INTERIOR DESIGNER AND OWNER. MOUNT SWITCHES CLOSE TO DOORS OR WALL CORNERS.
4. THERMOSTATS HAVE LOW VOLTAGE WIRE BACK TO AHU. CONDENSING UNITS HAVE LOW VOLTAGE WIRE BACK TO AHU.
6. ⊙ = 120V. SM0KE ALARM WITH BATTERY BACK-UP AND AUXILIARY CONTACT SO ALL SOUND TOGETHER.
7. CO ALARM JUST OUTSIDE BEDROOMS ONLY AND NOT TWO FLOORS ABOVE GARAGE LEVEL. BLDG 3 AND 4 HAVE NO CO ALARMS.
8. ALL ARC—FAULT CIRCUIT BREAKERS SHALL BE COMPATIBLE WITH CEILING FANS, COMPACT AND STANDARD FLUORESCENT AND LED LAMPS/FIXTURES AND OTHER ELECTRONIC DEVICES.
9. PROVIDE PROTECTION AT ELECTRICAL BOXES AT RATED CEILING MEMBRANES PER IBC 712.4.1.2(2). BOXES TO BE LISTED FOR RATED MEMBRANES, NOT EXCEED 16 SQUARE INCHES, NOT COMBINE FOR MORE THAN 100 SOUARE INCHES IN 100 SQUARE FEET AND ANNULAR SPACE NOT EXCEED 1/8".
10. FIRE ALARM HORN/STROBE CIRCUITS SHALL BE SIZED TO ACCEPT BEDROOM HORN/STROBES IN FUTURE INCLUDING WIRING AND PANEL CAPACITY.
11. ALL RANGES SERVED BY (3) #8 A (1) # 10 AND 5OA. RECEPTACLE.
12. ALL WATER HEATERS SERVED BY (3) #10. ALL DRYERS SERVED BY (4) #10 AND 30A. RECEPTACLE.
13. ALL WASHERS AND REFRIGERATORS HAVE RECEPTACLES AT 48".
14. MOUNT TV OUTLET AND ADJACENT PLUG AT 48" IN LIVING ROOMS AND BEDROOMS.
15. SEE HVAC SCHEDULE AND SHOP DRAWINGS FOR AHU AND HEAT PUMP CRCUITS.
16. MOUNT TOP BREAKER IN UNIT PANELS AT 48" AFF.
17. BELOW COUNTER RECEPTACLES AND PLATES SHALL MATCH THE BASE CABINETS WHERE THEY ARE MOUNTED (BROWN, WHITE, ETC.) VERIFY WITH ARCHITECT.
18. PROVIDE ALTERNATE FOR ARC-FAULT CIRCUITS AS SHOWN. BASE BID TO HAVE ARC-FUALT ON BEDROOM AND LIVING ROOM CKTS ONLY.

LEGEND:

- ⟨1⟩ SWITCHED RECEPTABLE FOR GARBAGE DISPOSER. CONTINUE CIRCUIT TO DISHWASHER. TO GFI BREAKER.
- ⟨2⟩ PROVIDE ARC-FAULT BREAKER IN PANEL.
- ⟨3⟩ TELE/TV DEMARK FLUSH BOX WITH DUPLEX OUTLET. SEE DETAIL.
- ⟨4⟩ SWITCHES FOR OVERHEAD MW FAN & LIGHT.
- ⟨5⟩ SMOKE ALARM TO HAVE STROBES.
- ⟨6⟩ TOP FLOOR UNITS TO RECEIVE WALL SCONE TYPE "B".
- ⟨7⟩ TO COMBINATION GFI AND ARC FAULT BREAKER.

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STATE OF MISSOURI
RICHARD R. BEARDMORE
PROFESSIONAL ENGINEER
04/28/2023

A NEW RESIDENTIAL COMMUNITY AT:
TRILOGY
800 & 810 NW WARD RD. | LEE'S SUMMIT, MO

DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

△ REVISIONS
2 23 0428 ADD 1/CC 2

LS&A
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8625 College Boulevard, Suite 102
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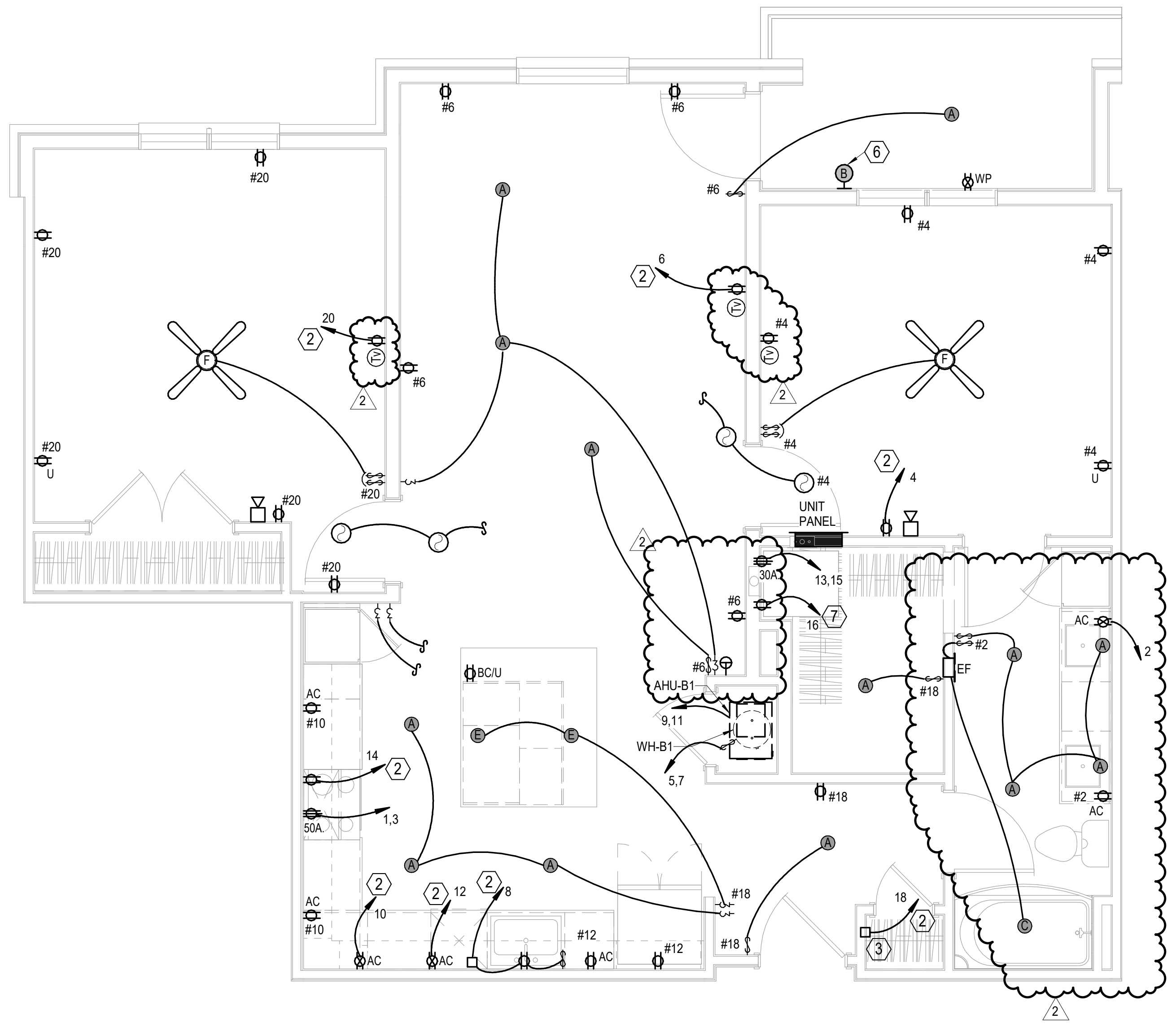
Telephone: (785) 233-3232
Email: lsapa@lsapa.com
LSA PROJECT NO. 2204061

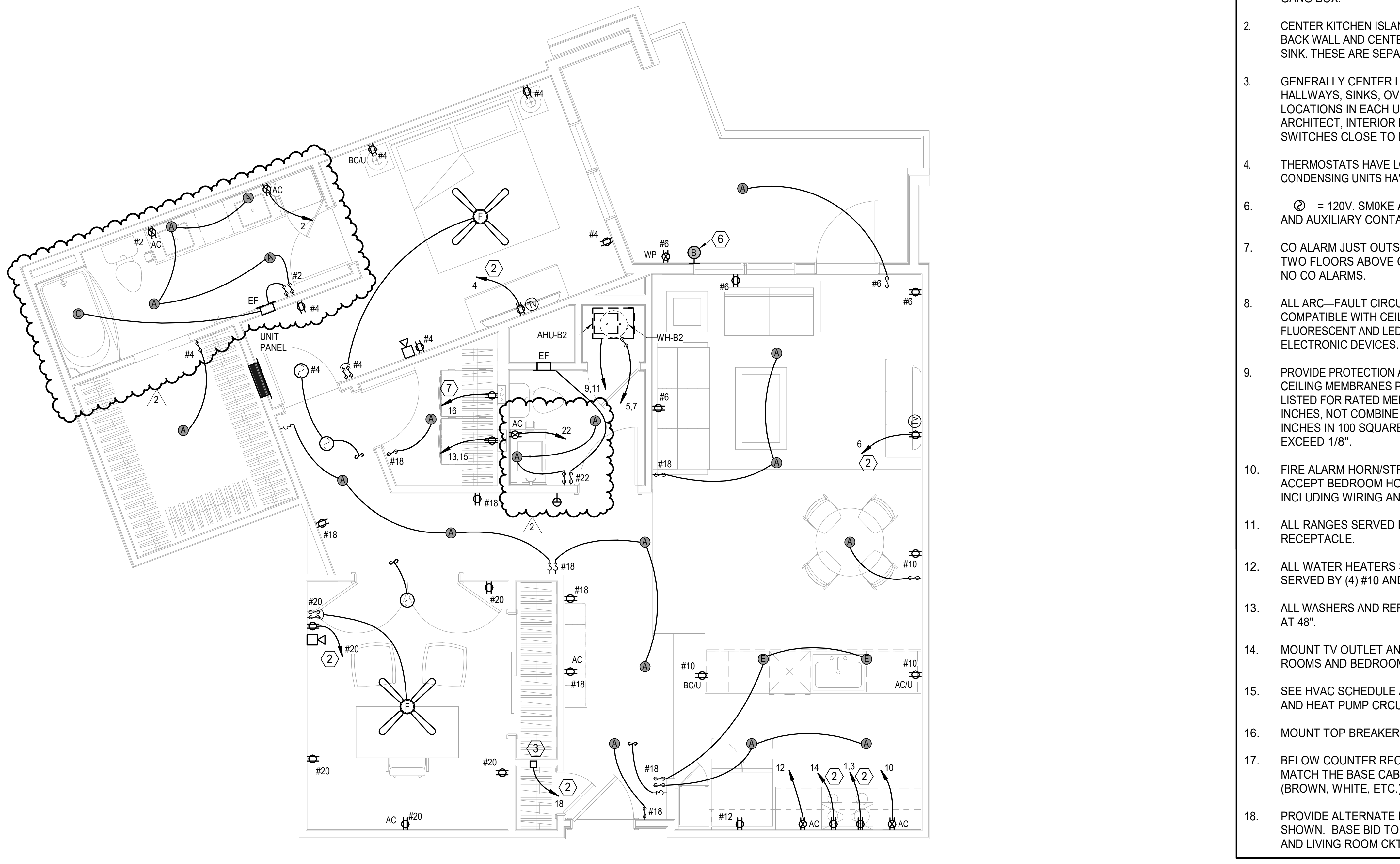
JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
UNIT PLANS - ELECTRICAL
SHEET NO.
E2.01

5/1/2023 3:50:04 PM

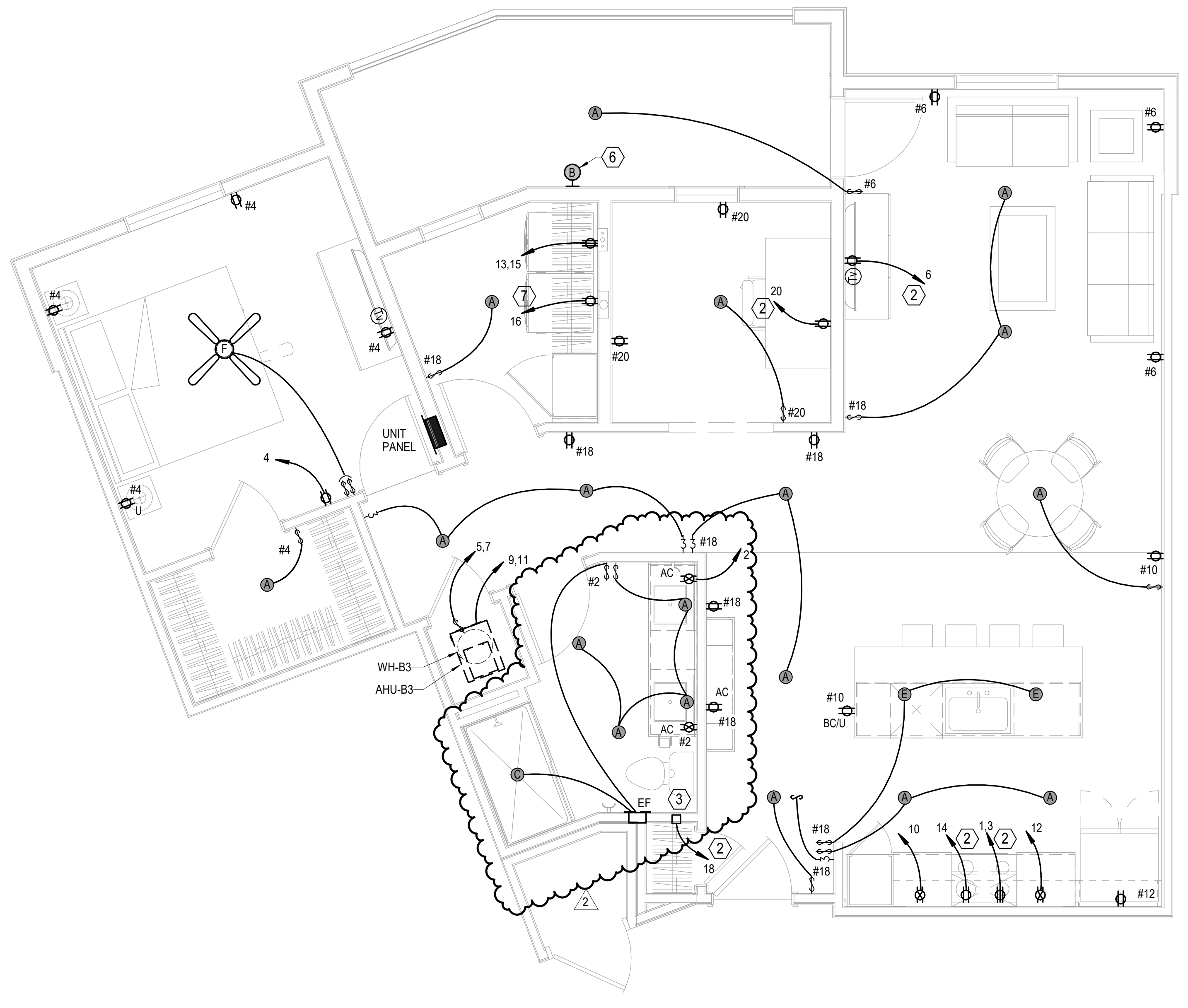
ARCH E1 30" x 42"



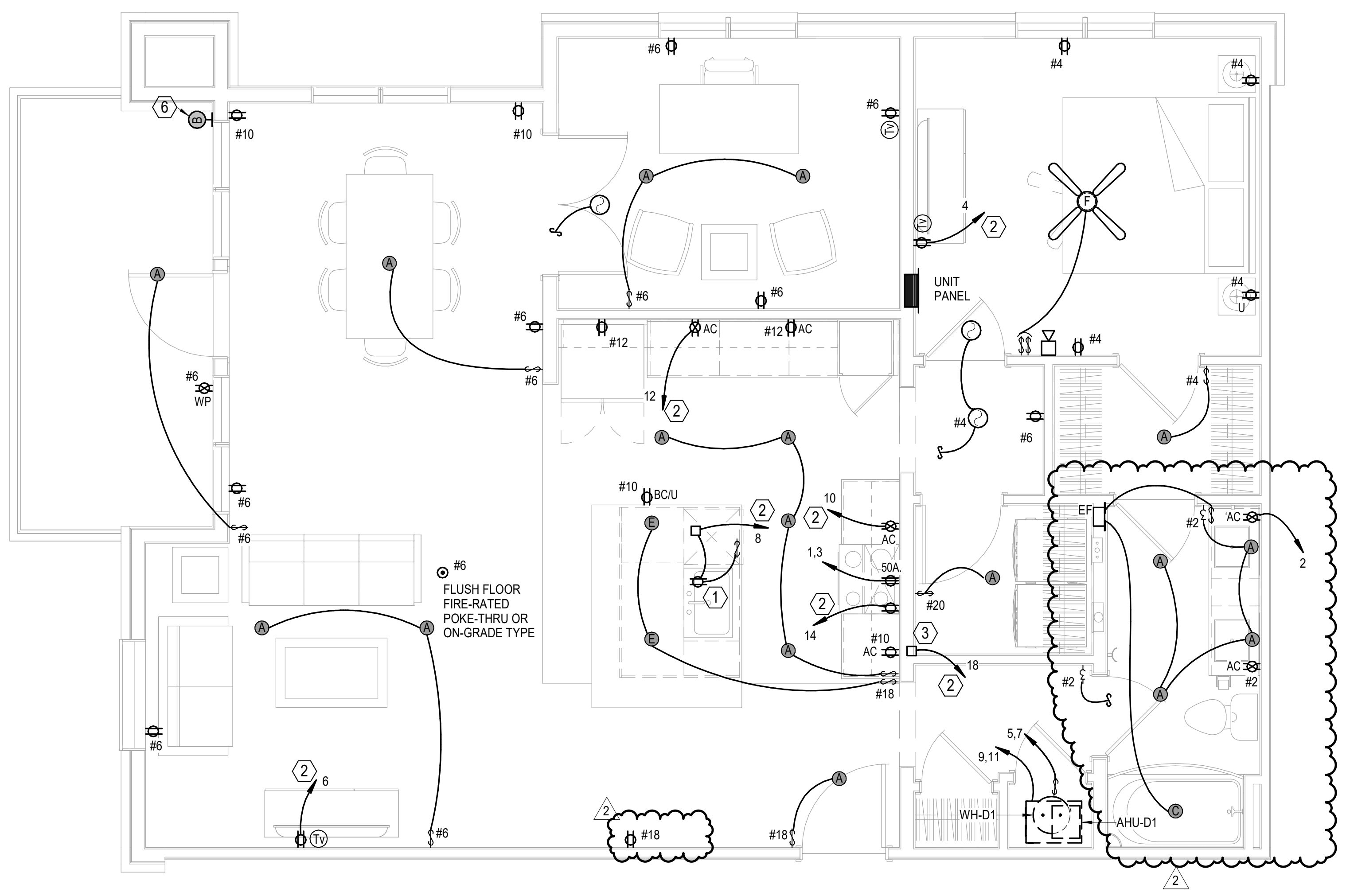
① UNIT B1 ALT
ELECTRICAL
1/4" = 1'-0"



② UNIT B2
ELECTRICAL
1/4" = 1'-0"



③ UNIT B3
ELECTRICAL
1/4" = 1'-0"



④ UNIT B4
ELECTRICAL
1/4" = 1'-0"

UNIT ELECTRICAL NOTES:

1. CEILING FAN SWITCHES PROVIDED WITH FAN. CONTROL LIGHT AND FAN SEPARATELY. INTENDED FOR SINGLE GANG BOX.

2. CENTER KITCHEN ISLAND PENDANT LIGHTS OVER BASE BACK WALL AND CENTERED EQUALLY LEFT TO RIGHT OVER SINK. THESE ARE SEPARATELY SWITCHED.

3. GENERALLY CENTER LIGHT 0N WINDOWS, DOOR, HALLWAYS, SINKS, OVER TUBS, ETC. VERIFY ALL LOCATIONS IN EACH UNIT DIMENSIONALLY WITH ARCHITECT, INTERIOR DESIGNER AND OWNER. MOUNT SWITCHES CLOSE TO DOORS OR WALL CORNERS.

4. THERMOSTATS HAVE LOW VOLTAGE WIRE BACK TO AHU. CONDENSING UNITS HAVE LOW VOLTAGE WIRE BACK TO AHU.

6. ⓢ = 120V. SM0KE ALARM WITH BATTERY BACK-UP AND AUXILIARY CONTACT SO ALL SOUND TOGETHER.

7. CO ALARM JUST OUTSIDE BEDROOMS ONLY AND NOT TWO FLOORS ABOVE GARAGE LEVEL. BLDG 3 AND 4 HAVE NO CO ALARMS.

8. ALL ARC—FAULT CIRCUIT BREAKERS SHALL BE COMPATIBLE WITH CEILING FANS, COMPACT AND STANDARD FLUORESCENT AND LED LAMPS/FIXTURES AND OTHER ELECTRONIC DEVICES.

9. PROVIDE PROTECTION AT ELECTRICAL BOXES AT RATED CEILING MEMBRANES PER IBC 712.4.1.2(2). BOXES TO BE LISTED FOR RATED MEMBRANES, NOT EXCEED 16 SQUARE INCHES, NOT COMBINE FOR MORE THAN 100 SOUARE INCHES IN 100 SQUARE FEET AND ANNULAR SPACE NOT EXCEED 1/8".

10. FIRE ALARM HORN/STROBE CIRCUITS SHALL BE SIZED TO ACCEPT BEDROOM HORN/STROBES IN FUTURE INCLUDING WIRING AND PANEL CAPACITY.

11. ALL RANGES SERVED BY (3) #8 A (1) # 10 AND 5OA. RECEPTACLE.

12. ALL WATER HEATERS SERVED BY (3) #10. ALL DRYERS SERVED BY (4) #10 AND 30A. RECEPTACLE.

13. ALL WASHERS AND REFRIGERATORS HAVE RECEPTACLES AT 48".

14. MOUNT TV OUTLET AND ADJACENT PLUG AT 48" IN LIVING ROOMS AND BEDROOMS.

15. SEE HVAC SCHEDULE AND SHOP DRAWINGS FOR AHU AND HEAT PUMP CRCUITS.

16. MOUNT TOP BREAKER IN UNIT PANELS AT 48" AFF.

17. BELOW COUNTER RECEPTACLES AND PLATES SHALL MATCH THE BASE CABINETS WHERE THEY ARE MOUNTED (BROWN, WHITE, ETC.) VERIFY WITH ARCHITECT.

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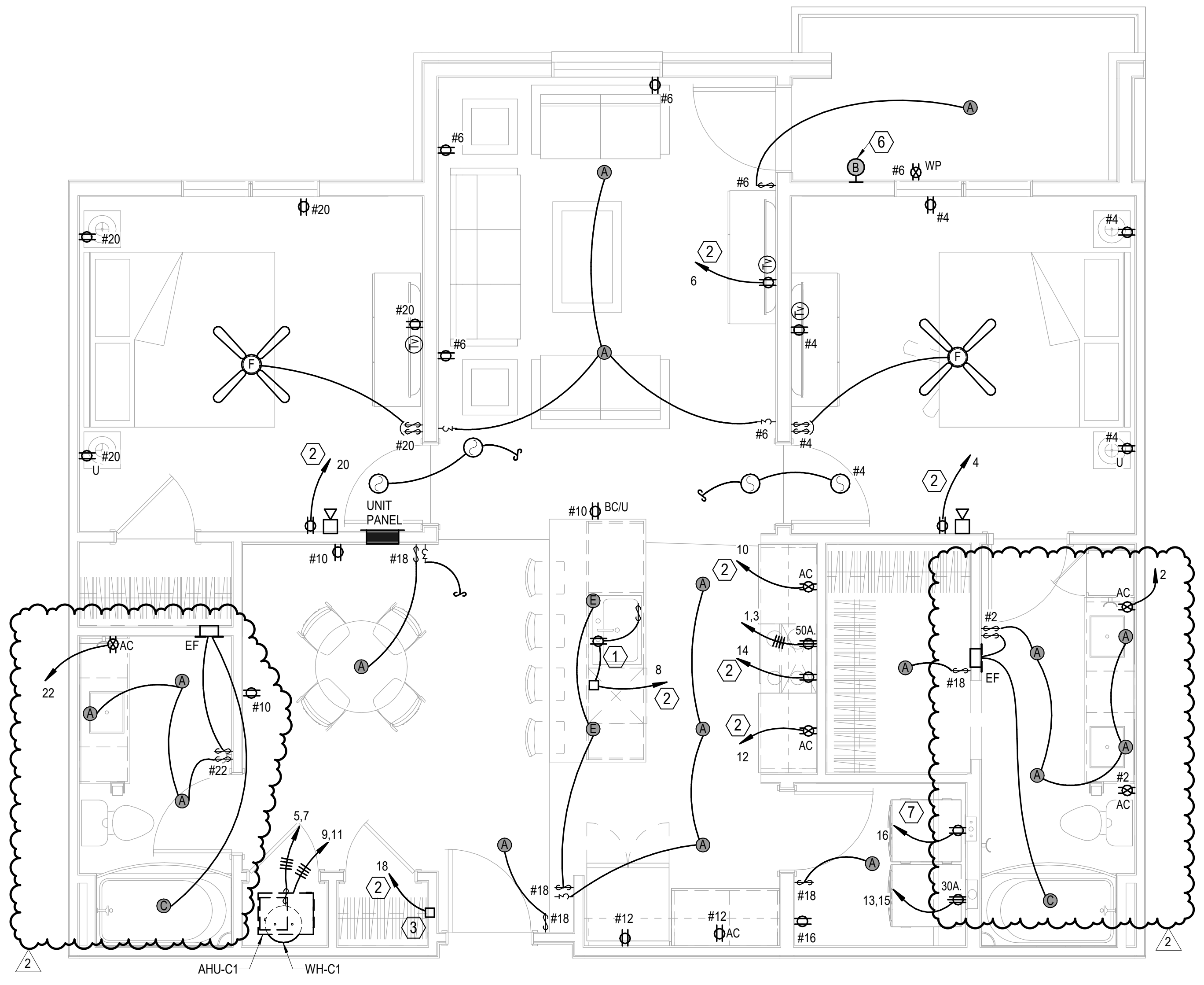
LSA PROJECT NO. 2204061

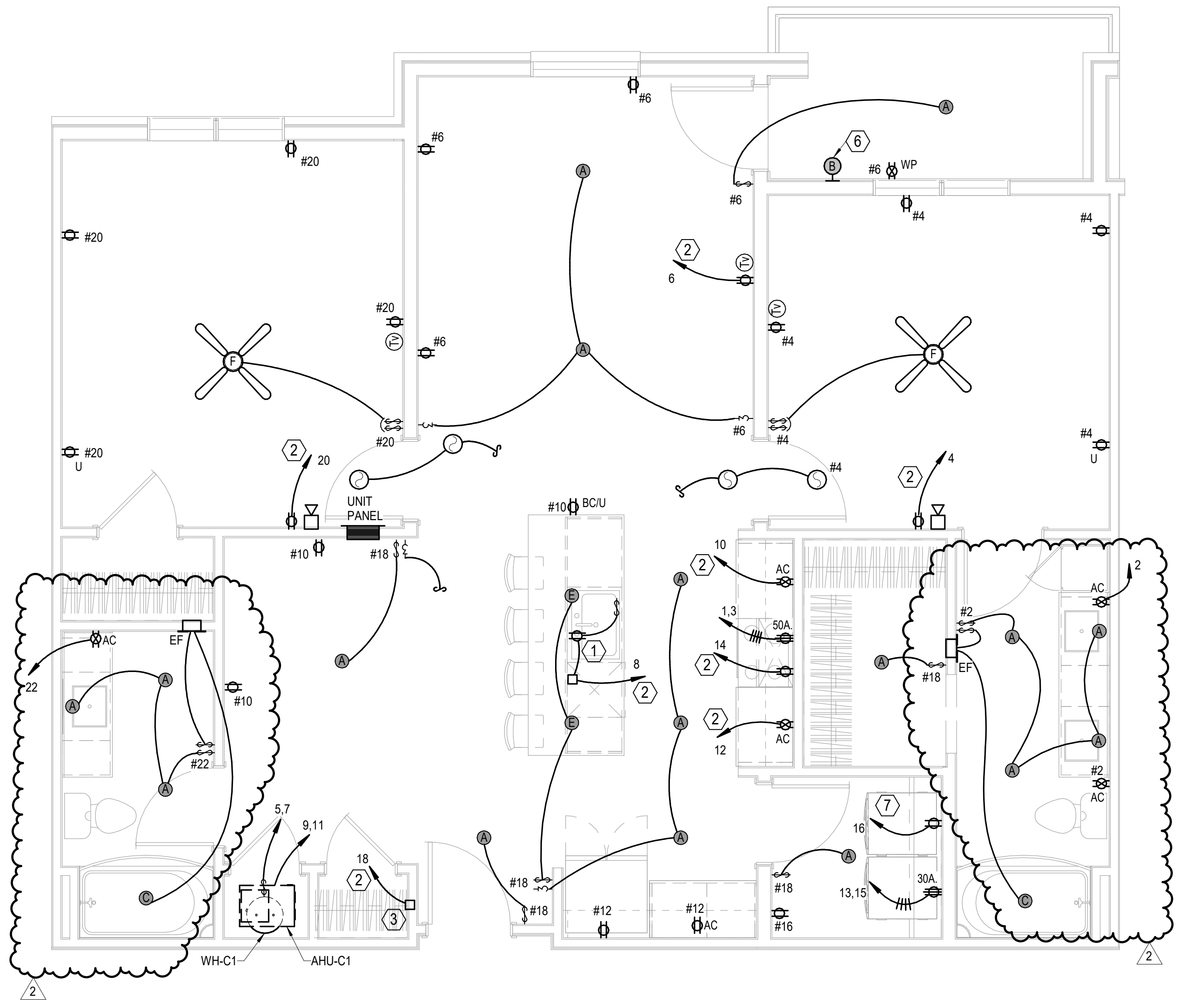
JOB NO. 705921
DATE 03.15.2023
DRAWN BY
LSA CAD
4/28/2023 ADDENDUM 1/
CITY COMMENTS #2
SHEET NAME
UNIT PLANS - ELECTRICAL
SHEET NO.
E2.02

5/1/2023 3:50:05 PM

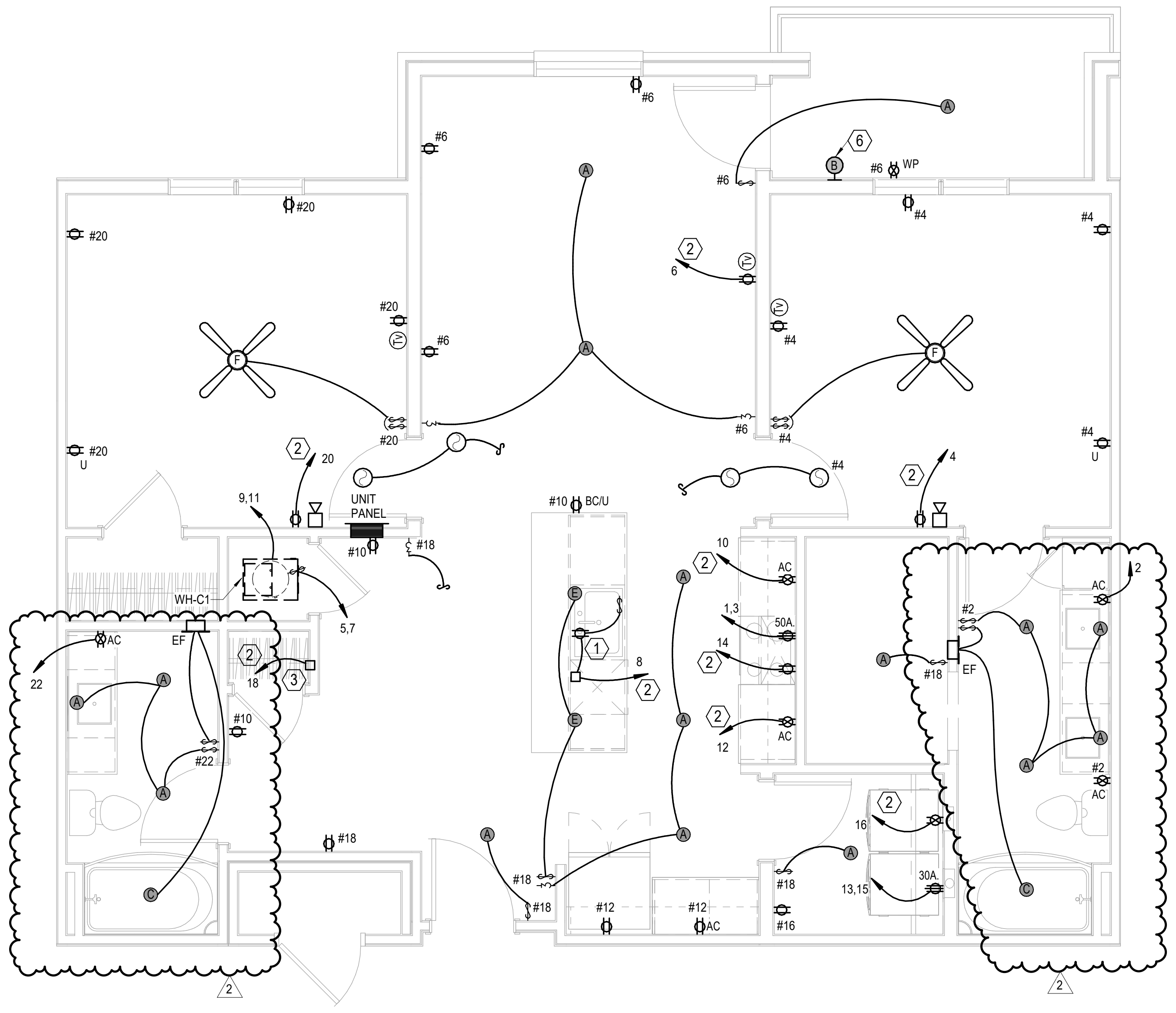
ARCH E1 30" x 42"



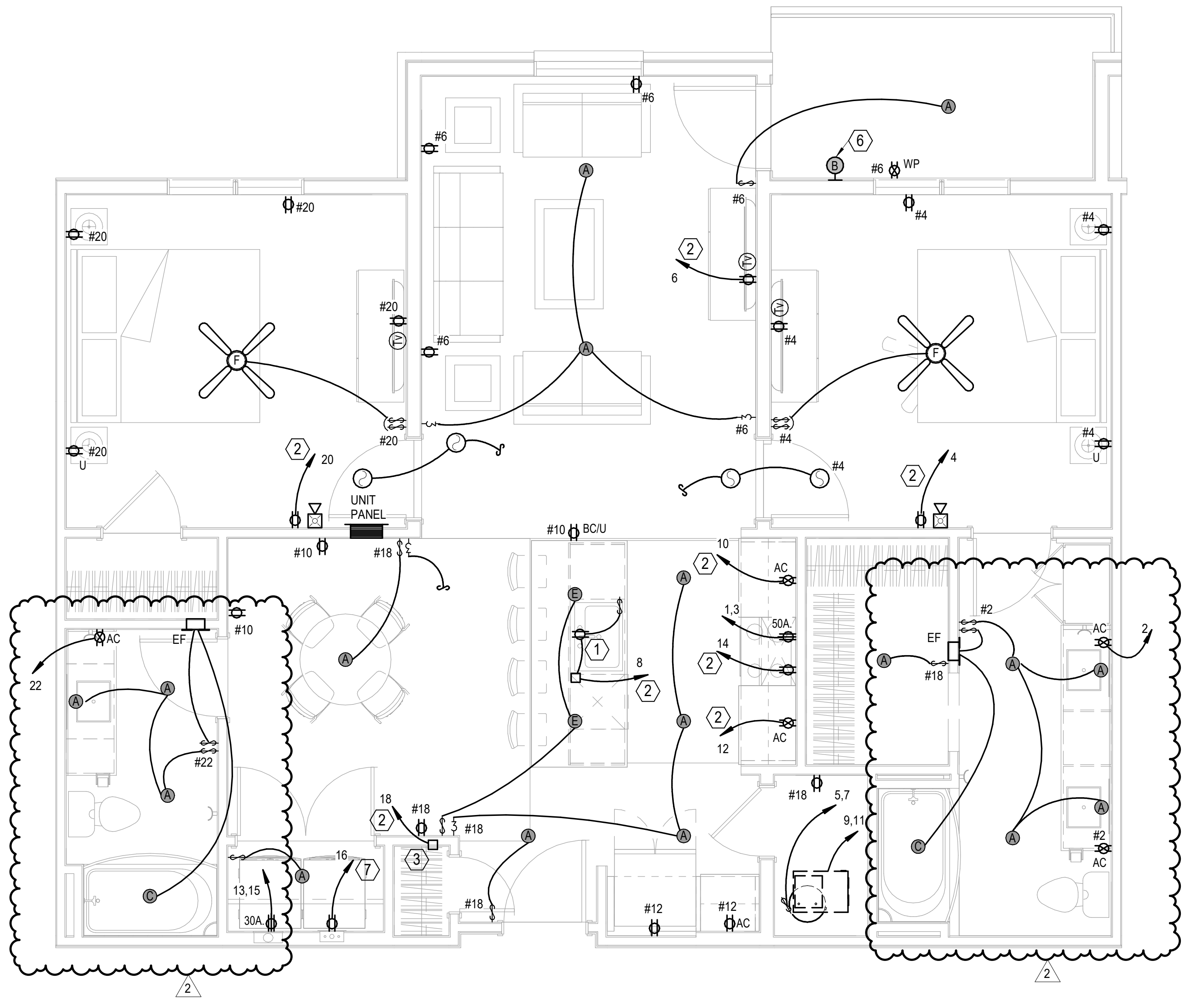
1 UNIT C1
ELECTRICAL
1/4" = 1'-0"



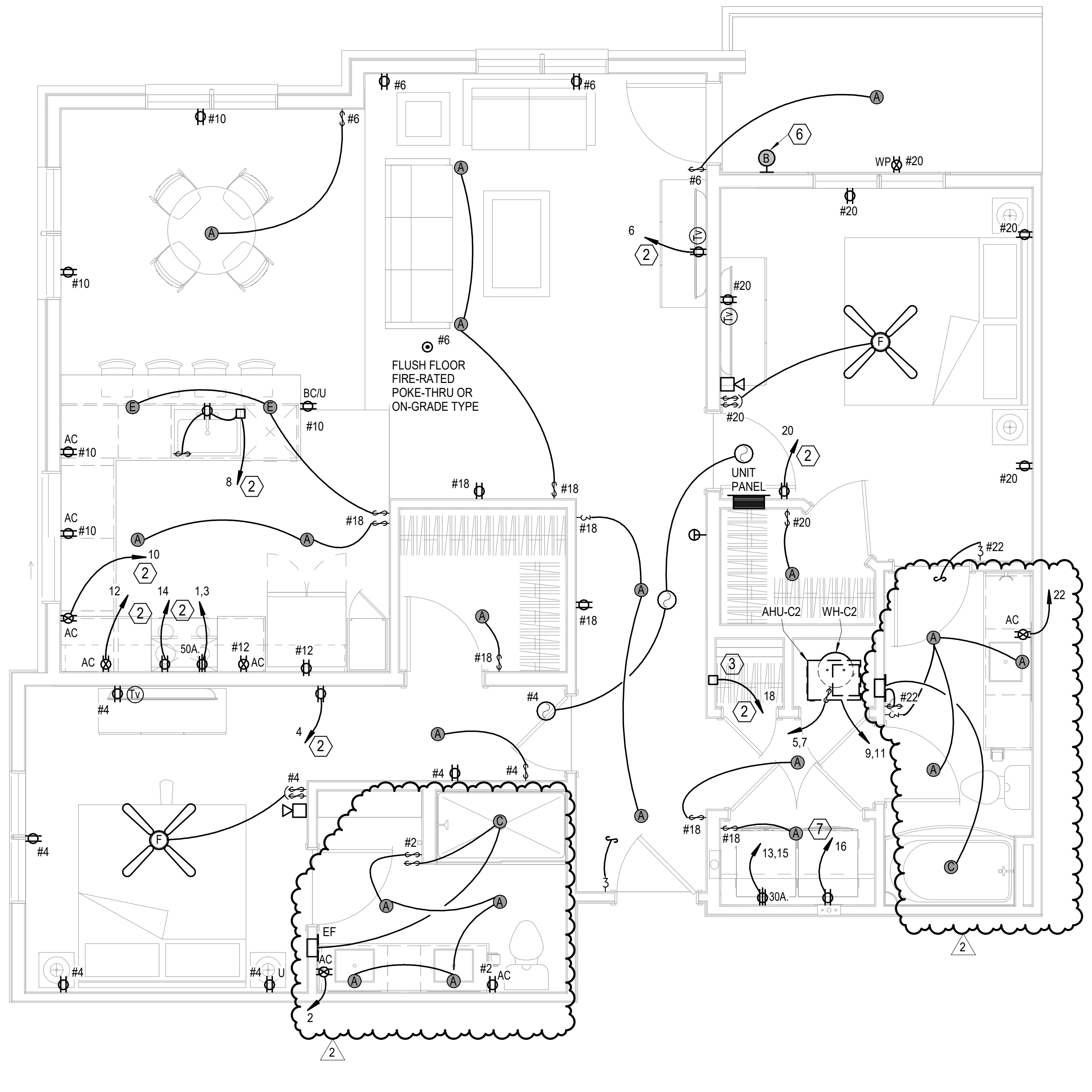
2 UNIT C1 ALT
ELECTRICAL
1/4" = 1'-0"



3 UNIT C1 ALT 2
ELECTRICAL
1/4" = 1'-0"



4 UNIT C1 TYPE A
ELECTRICAL
1/4" = 1'-0"



5 UNIT C2
ELECTRICAL
1/4" = 1'-0"

UNIT ELECTRICAL NOTES:

1. CEILING FAN SWITCHES PROVIDED WITH FAN. CONTROL LIGHT AND FAN SEPARATELY. INTENDED FOR SINGLE GANG BOX.
2. CENTER KITCHEN ISLAND PENDANT LIGHTS OVER BASE BACK WALL AND CENTERED EQUALLY LEFT TO RIGHT OVER SINK. THESE ARE SEPARATELY SWITCHED.
3. GENERALLY CENTER LIGHT 0N WINDOWS, DOOR, HALLWAYS, SINKS, OVER TUBS, ETC. VERIFY ALL LOCATIONS IN EACH UNIT DIMENSIONALLY WITH ARCHITECT, INTERIOR DESIGNER AND OWNER. MOUNT SWITCHES CLOSE TO DOORS OR WALL CORNERS.
4. THERMOSTATS HAVE LOW VOLTAGE WIRE BACK TO AHU. CONDENSING UNITS HAVE LOW VOLTAGE WIRE BACK TO AHU.
6. ② = 120V. SM0KE ALARM WITH BATTERY BACK-UP AND AUXILIARY CONTACT SO ALL SOUND TOGETHER.
7. CO ALARM JUST OUTSIDE BEDROOMS ONLY AND NOT TWO FLOORS ABOVE GARAGE LEVEL. BLDG 3 AND 4 HAVE NO CO ALARMS.
8. ALL ARC—FAULT CIRCUIT BREAKERS SHALL BE COMPATIBLE WITH CEILING FANS, COMPACT AND STANDARD FLUORESCENT AND LED LAMPS/FIXTURES AND OTHER ELECTRONIC DEVICES.
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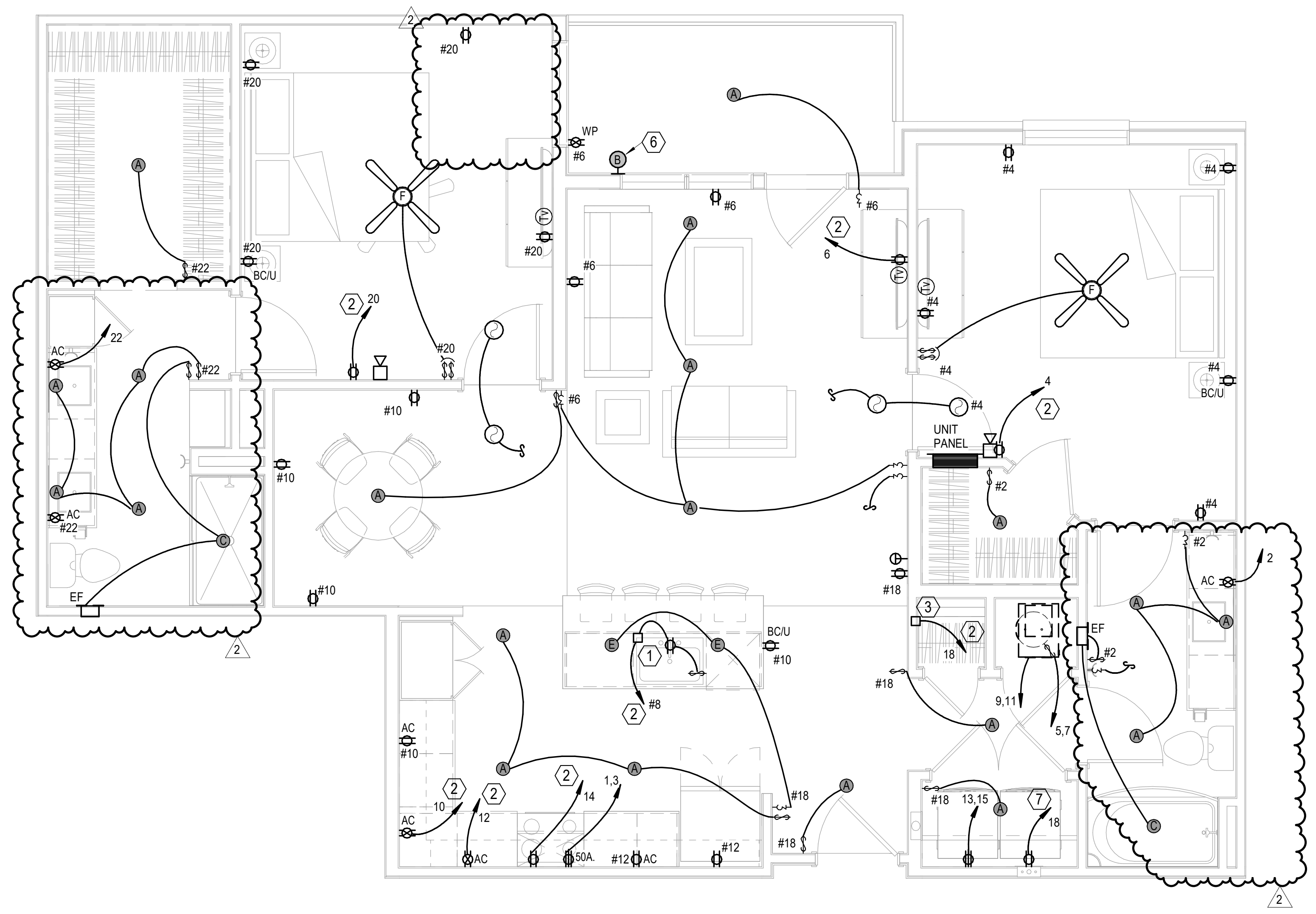
Email: lsapa@lsapa.com
LSA PROJECT NO. 2204061

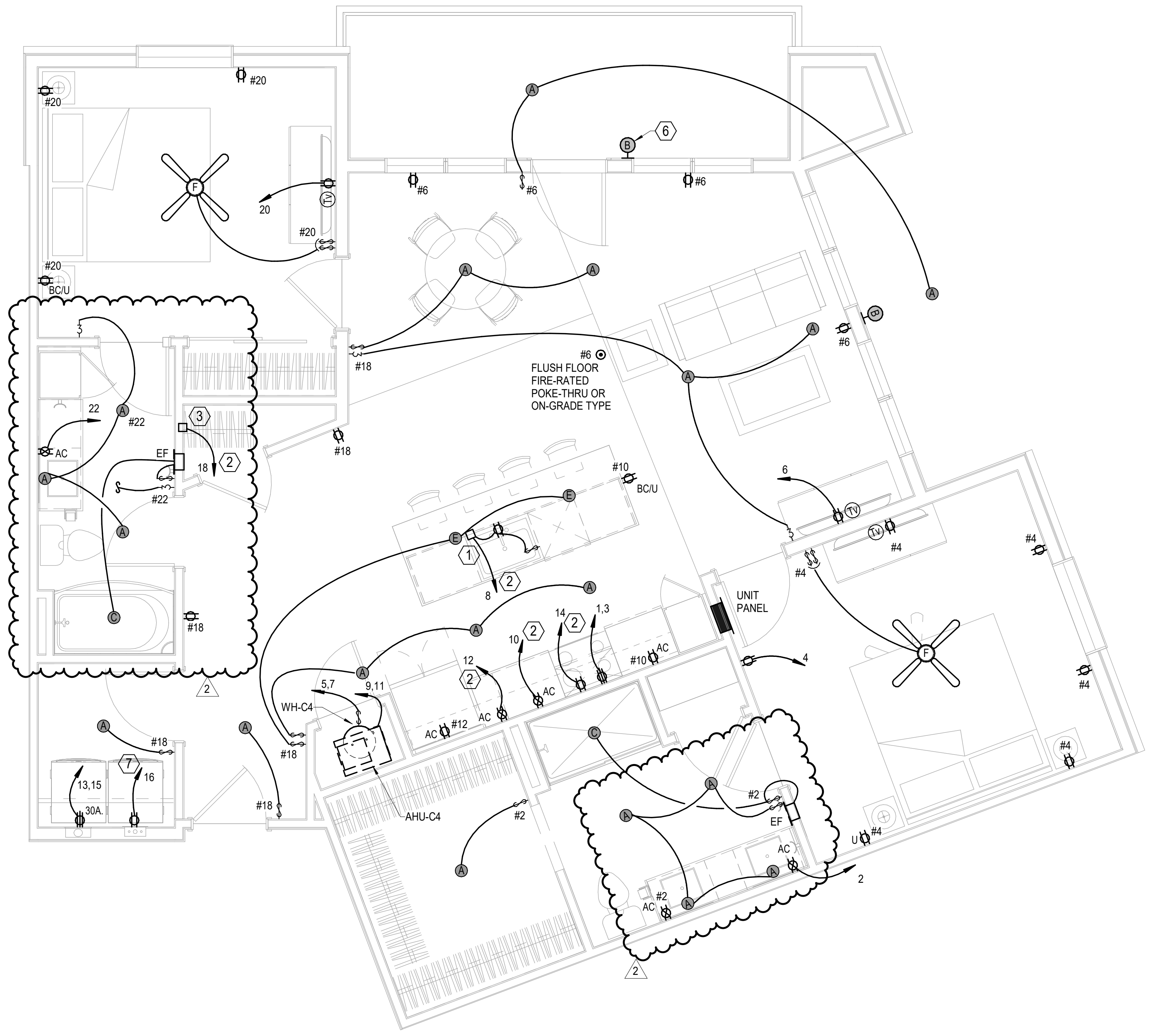
JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
UNIT PLANS - ELECTRICAL
SHEET NO.
E2.03

5/1/2023 3:50:06 PM

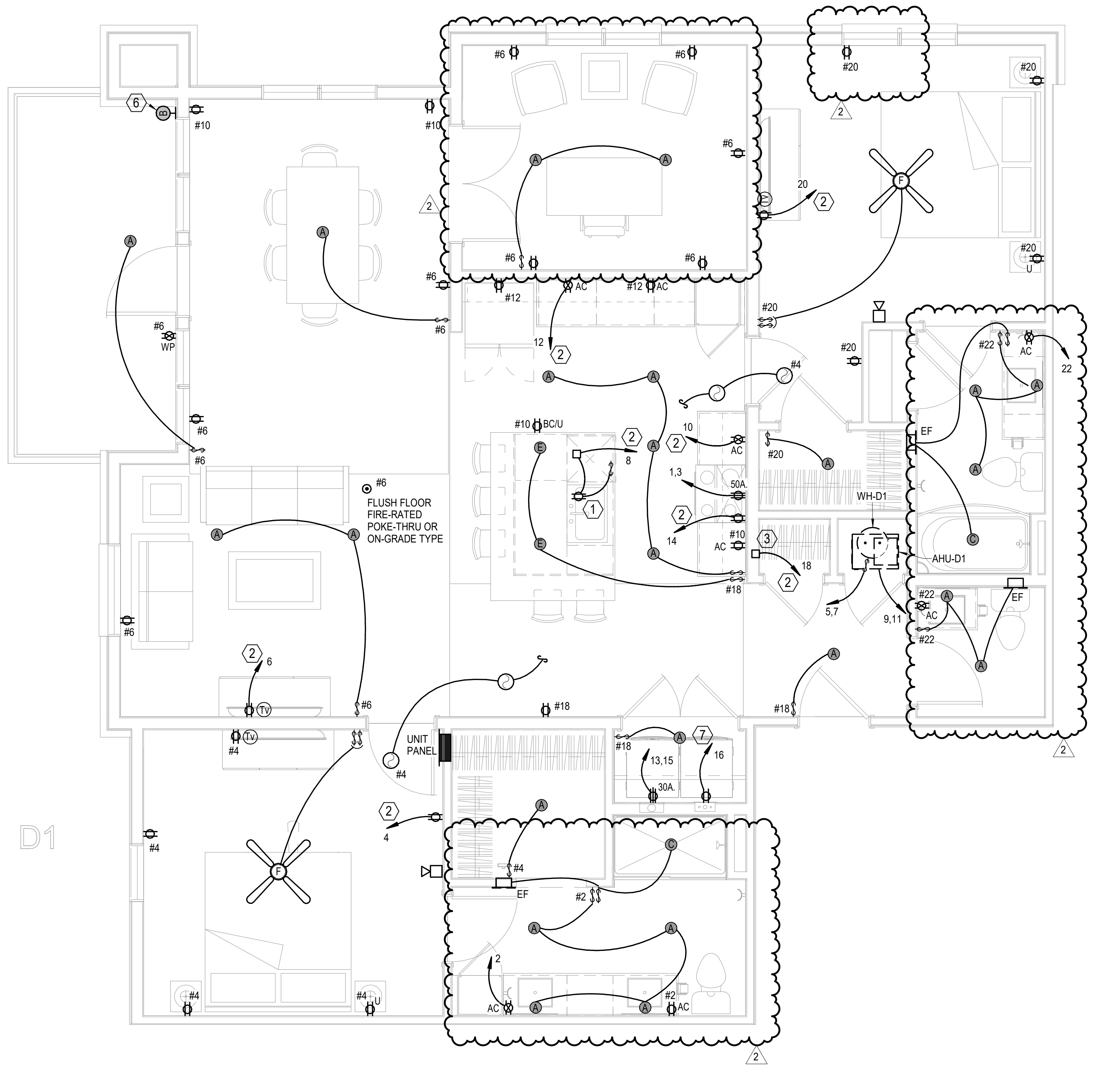
ARCH E1 30" x 42"



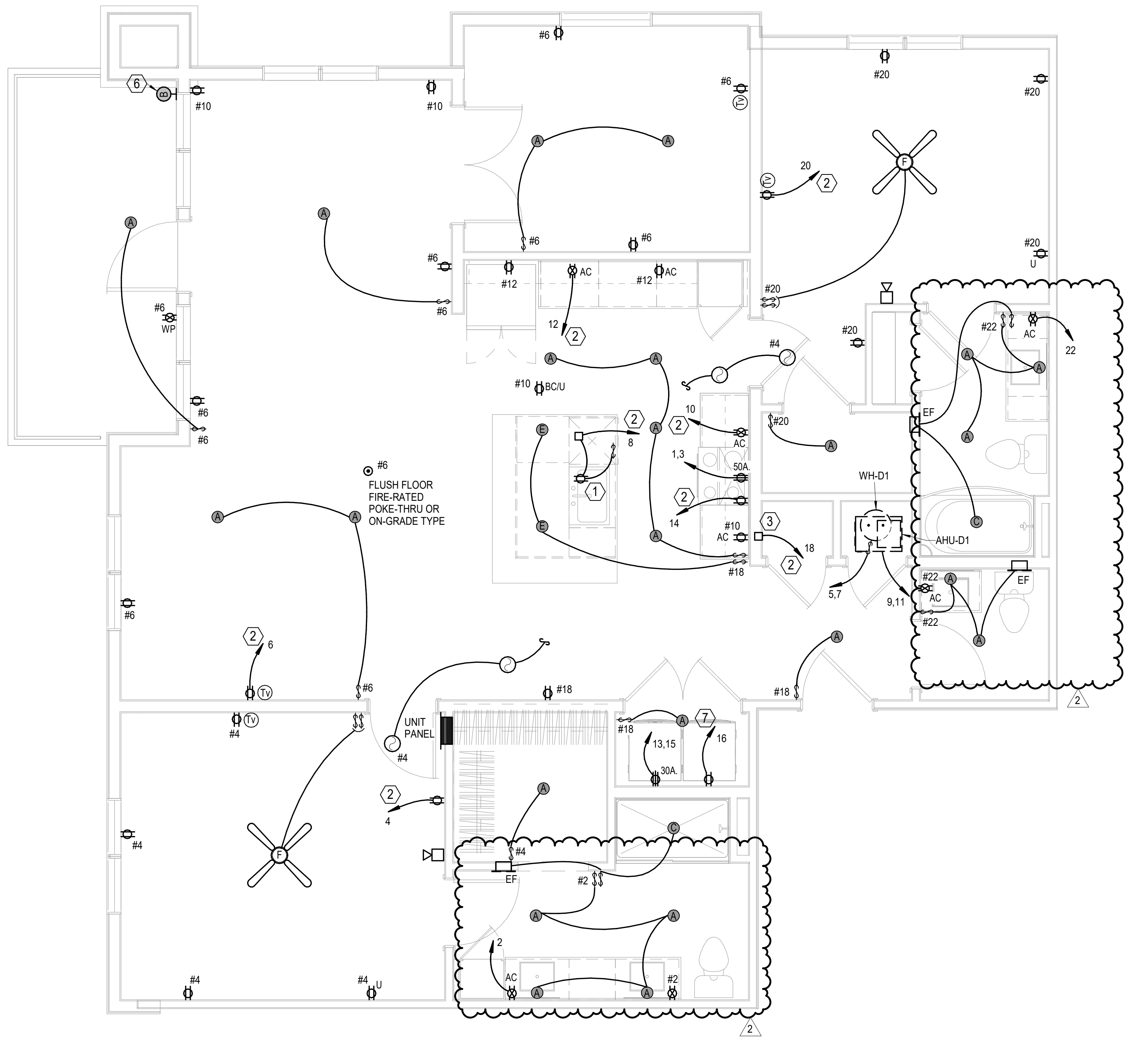
1 **UNIT C3**
ELECTRICAL
1/4" = 1'-0"



2 **UNIT C4**
ELECTRICAL
1/4" = 1'-0"



3 **UNIT D1**
ELECTRICAL
1/4" = 1'-0"



4 **UNIT D1 ALT 2**
ELECTRICAL
1/4" = 1'-0"

UNIT ELECTRICAL NOTES:

1. CEILING FAN SWITCHES PROVIDED WITH FAN. CONTROL LIGHT AND FAN SEPARATELY. INTENDED FOR SINGLE GANG BOX.
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3. GENERALLY CENTER LIGHT 0N WINDOWS, DOOR, HALLWAYS, SINKS, OVER TUBS, ETC. VERIFY ALL LOCATIONS IN EACH UNIT DIMENSIONALLY WITH ARCHITECT, INTERIOR DESIGNER AND OWNER. MOUNT SWITCHES CLOSE TO DOORS OR WALL CORNERS.
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8. ALL ARC—FAULT CIRCUIT BREAKERS SHALL BE COMPATIBLE WITH CEILING FANS, COMPACT AND STANDARD FLUORESCENT AND LED LAMPS/FIXTURES AND OTHER ELECTRONIC DEVICES.
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10. FIRE ALARM HORN/STROBE CIRCUITS SHALL BE SIZED TO ACCEPT BEDROOM HORN/STROBES IN FUTURE INCLUDING WIRING AND PANEL CAPACITY.
11. ALL RANGES SERVED BY (3) #8 A (1) # 10 AND 5OA. RECEPTACLE.
12. ALL WATER HEATERS SERVED BY (3) #10. ALL DRYERS SERVED BY (4) #10 AND 30A. RECEPTACLE.
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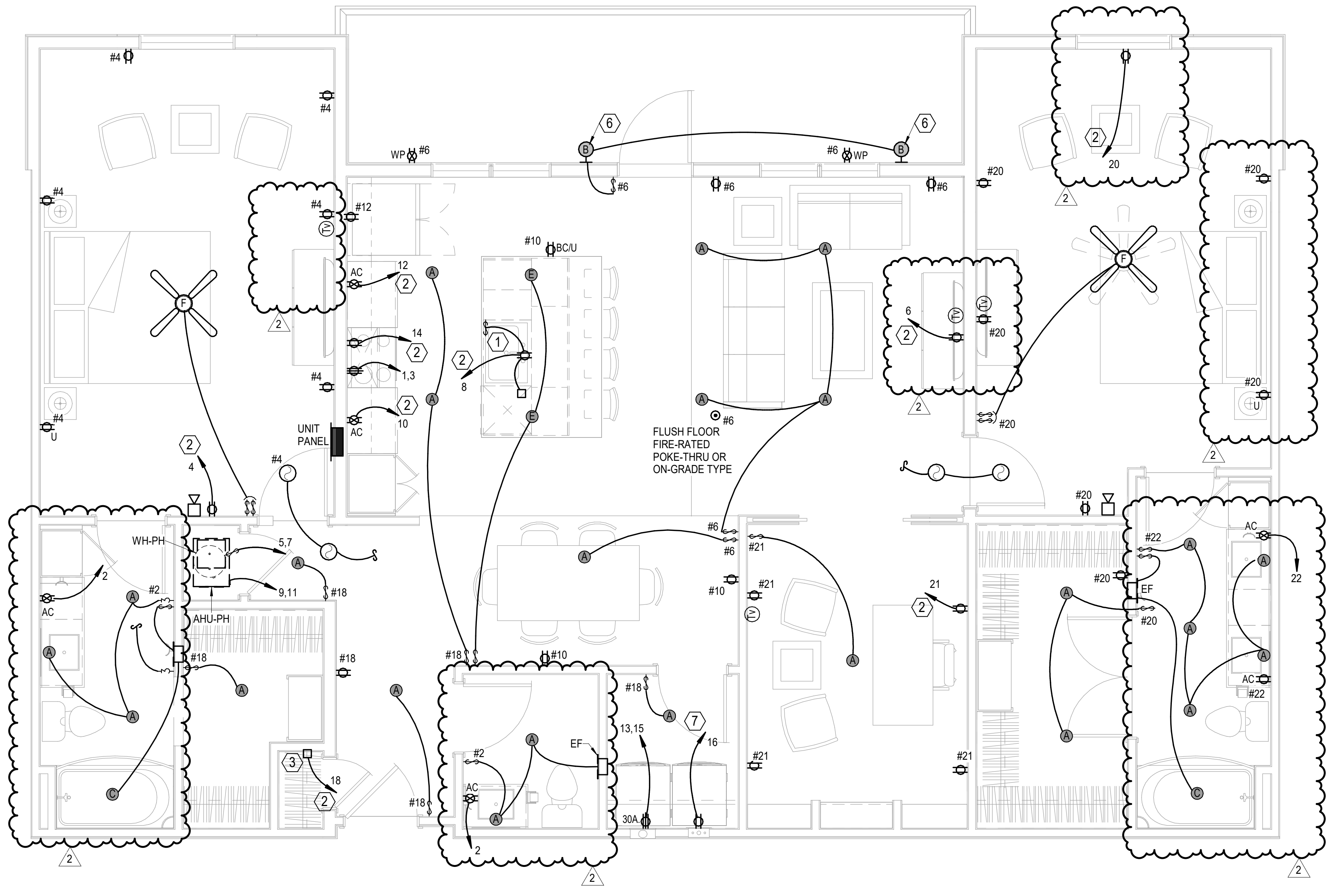
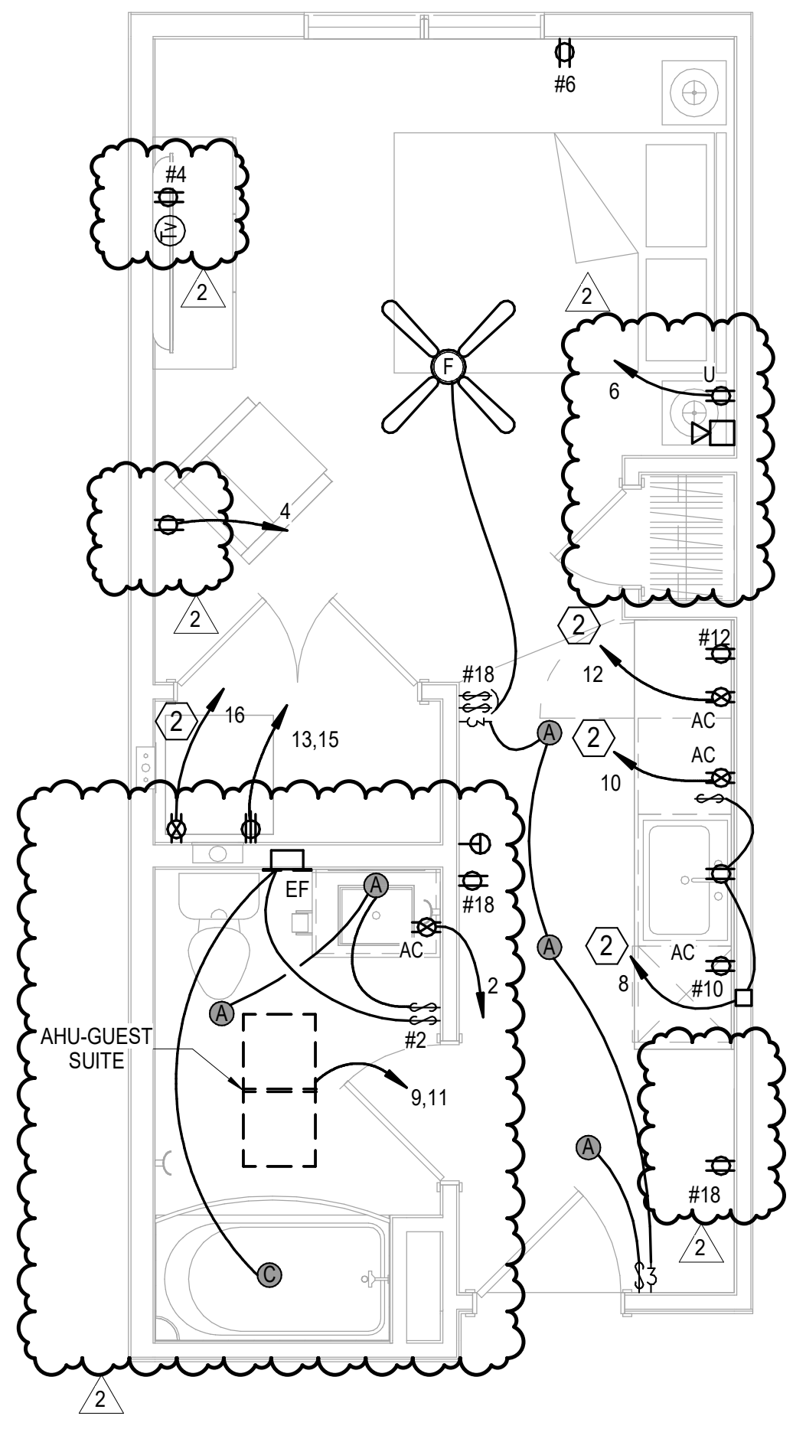
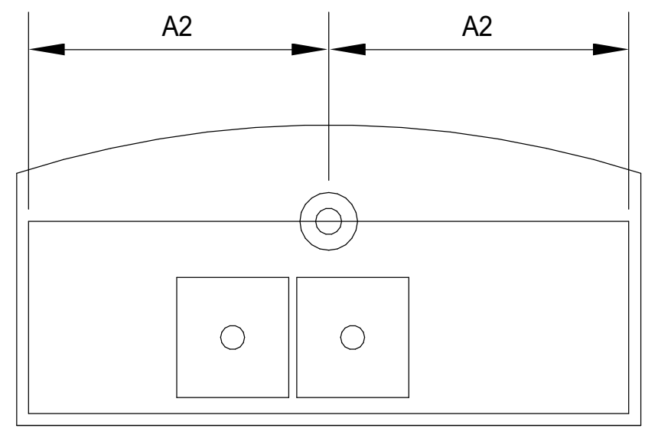
ARCH E1 30" x 42"



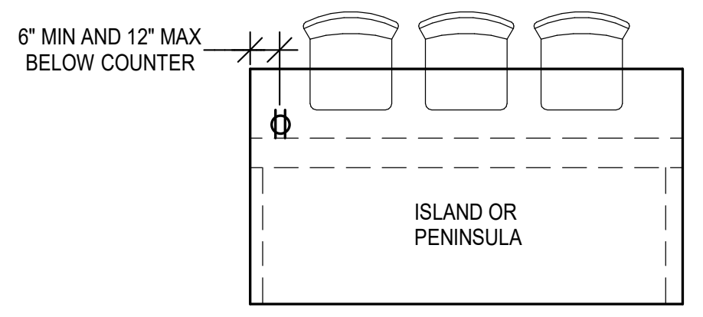
1 PENTHOUSE
ELECTRICAL
1/4" = 1'-0"



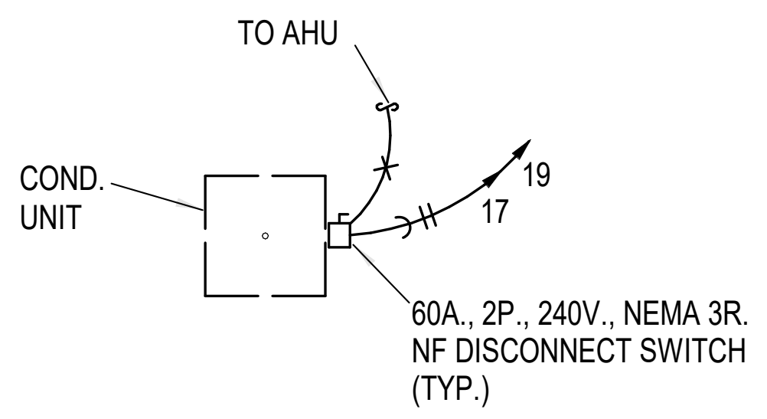
2 UNIT - GUEST SUITE
ELECTRICAL
1/4" = 1'-0"



3 KITCHEN ISLAND LIGHTING DETAIL
NOT TO SCALE



4 ISLAND RECEPTALCE DETAIL
NOT TO SCALE



5 TYPICAL COND. UNIT DETAIL
NOT TO SCALE

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16. MOUNT TOP BREAKER IN UNIT PANELS AT 48" AFF.
17. BELOW COUNTER RECEPTACLES AND PLATES SHALL MATCH THE BASE CABINETS WHERE THEY ARE MOUNTED (BROWN, WHITE, ETC.) VERIFY WITH ARCHITECT.
18. PROVIDE ALTERNATE FOR ARC-FAULT CIRCUITS AS SHOWN. BASE BID TO HAVE ARC-FUALT ON BEDROOM AND LIVING ROOM CKTS ONLY.

LEGEND:

- ⟨1⟩ SWITCHED RECEPTABLE FOR GARBAGE DISPOSER. CONTINUE CIRCUIT TO DISHWASHER. TO GFI BREAKER.
- ⟨2⟩ PROVIDE ARC-FAULT BREAKER IN PANEL.
- ⟨3⟩ TELE/TV DEMARK FLUSH BOX WITH DUPLEX OUTLET. SEE DETAIL.
- ⟨4⟩ SWITCHES FOR OVERHEAD MW FAN & LIGHT.
- ⟨5⟩ SMOKE ALARM TO HAVE STROBES.
- ⟨6⟩ TOP FLOOR UNITS TO RECEIVE WALL SCONE TYPE "B".
- ⟨7⟩ TO COMBINATION GFI AND ARC FAULT BREAKER.

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ARCHITECTS PA
3515 W. 75TH ST., SUITE 201
PRAIRIE VILLAGE, KS 66208

STATE OF MISSOURI
RICHARD R. BEARDMORE
PROFESSIONAL ENGINEER
04/28/2023

A NEW RESIDENTIAL COMMUNITY AT:
TRILOGY
800 & 810 NW WARD RD. | LEE'S SUMMIT, MO

DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

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2	23 0428	ADD 1/CC 2

LS&A
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3639 SW Summerfield Drive, Suite A
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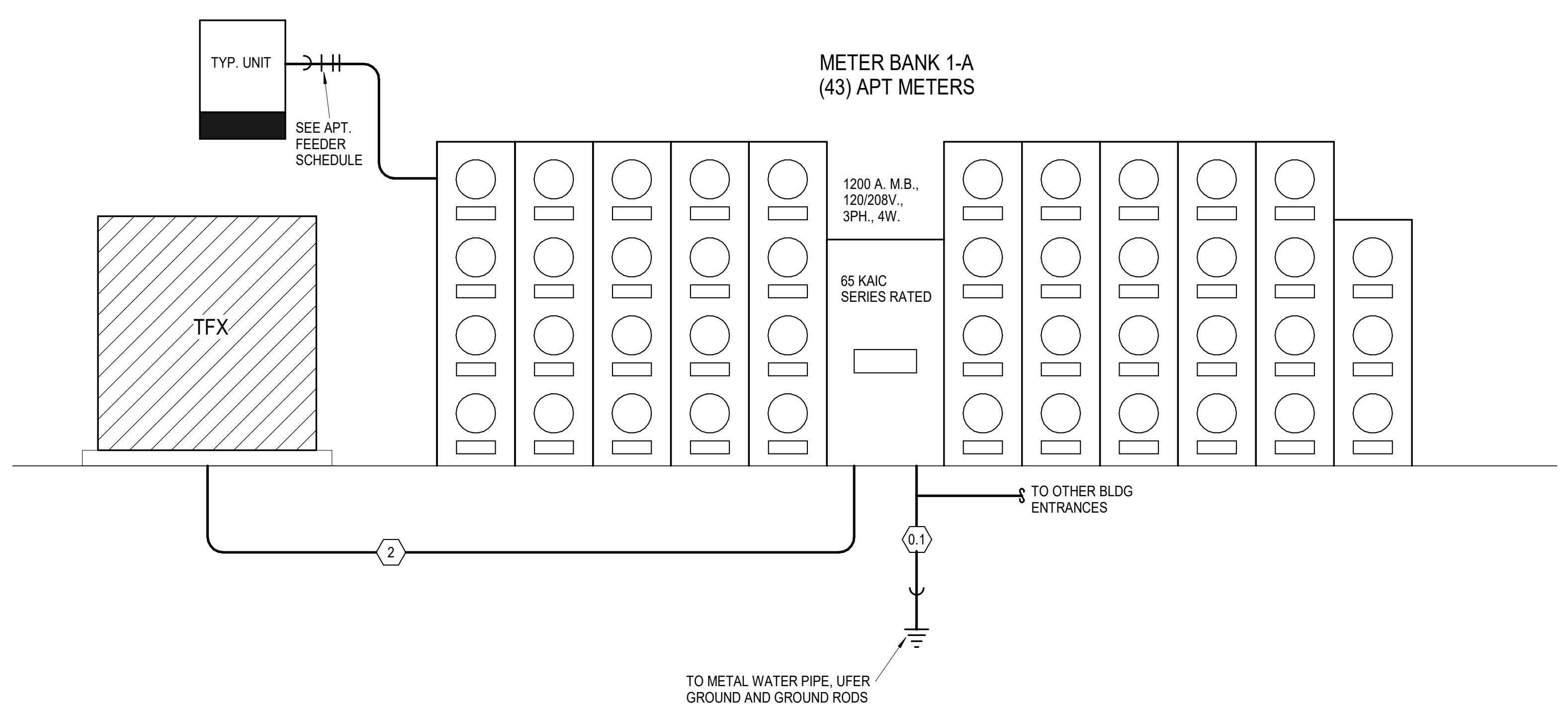
LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME UNIT PLANS - ELECTRICAL
SHEET NO. E2.05

5/1/2023 3:50:08 PM

NOTES:
1. VERIFY AVAILABLE FAULT CURRENT WITH POWER CO.
2. LABEL DISCONNECTS AS SERVICE DISCONNECTS AT THE SWITCHBOARDS.



1 METER BANK 1-A ELECTRICAL RISER
NOT TO SCALE

NOTES:
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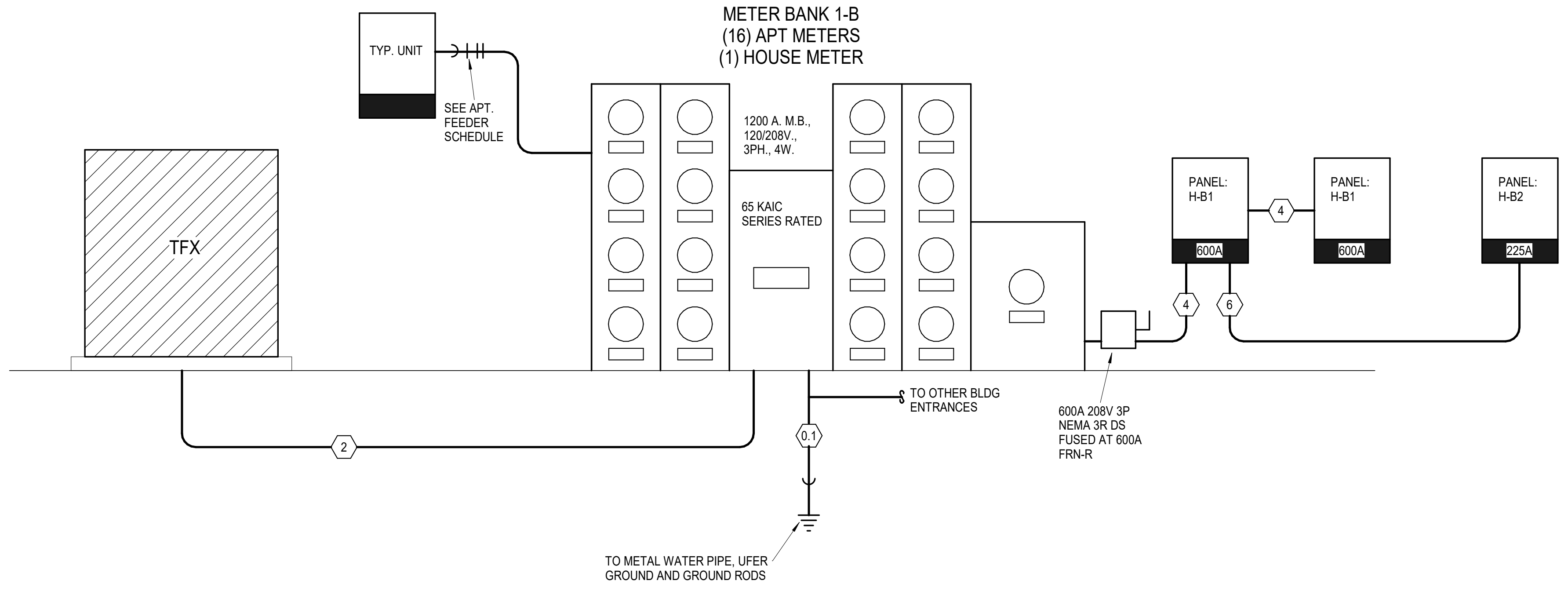

2 METER BANK 1-B ELECTRICAL RISER
NOT TO SCALE

NOTES:
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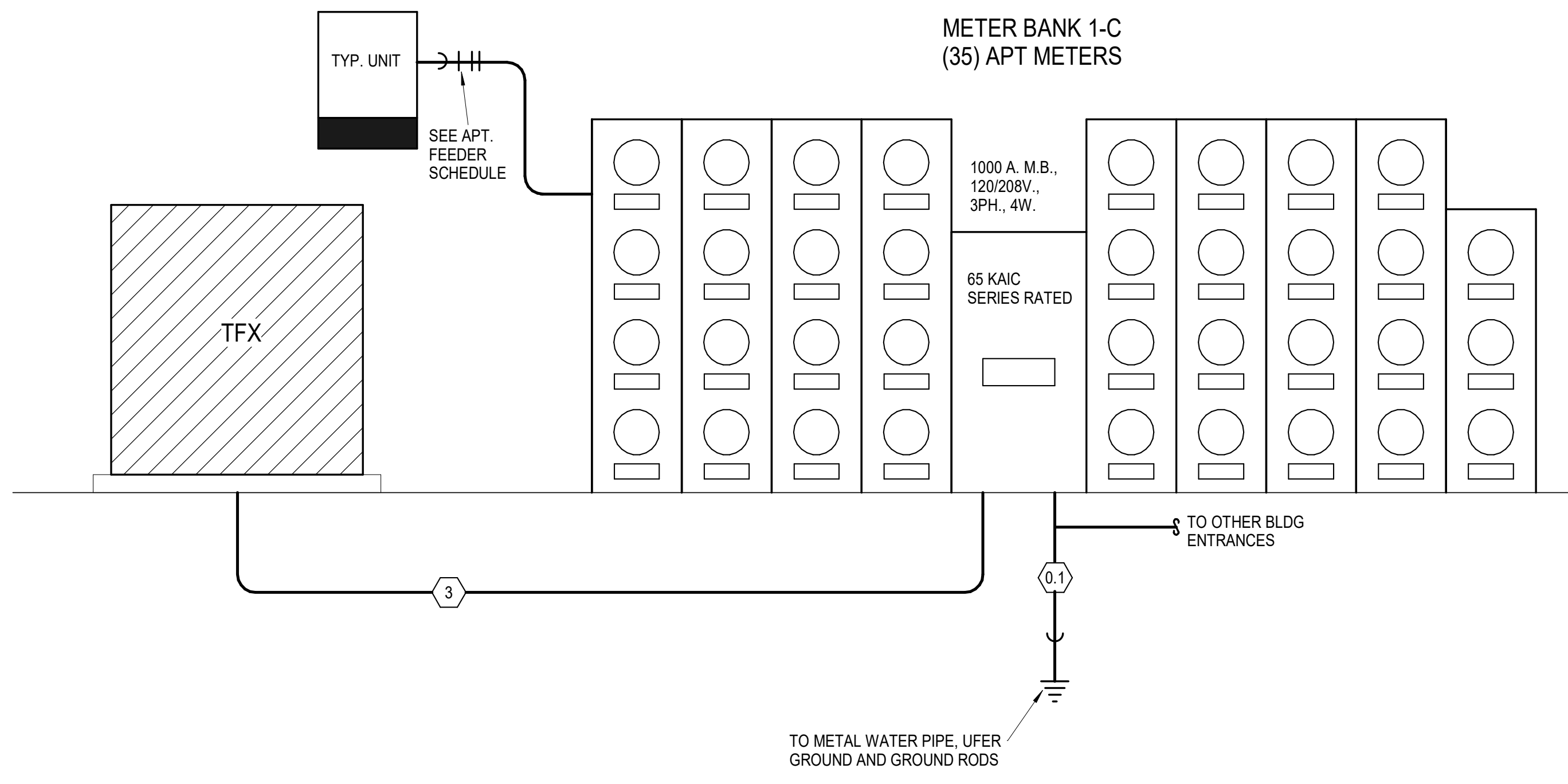
2. LABEL DISCONNECTS AS SERVICE DISCONNECTS AT THE SWITCHBOARDS.



3 METER BANK 1-C ELECTRICAL RISER
NOT TO SCALE

Unit Load Calculation - Complete Analysis

	General															NEC 220-84 Calculation										
	Area Calculation			General Load												Heater Calculation			General Load Calculation							
Unit Type	Sq. Ft.	Load per Sq Ft	Total Per Sq Ft.	2 Small Appliance Circuits	Dishwasher	Disposer	Dryer	Microwave	Range	Oven	Combined Oven Range	Washer	Water Heater	Total General Load	Heater	NEC Diversification	Heater Load	First 10KVA at 100%	Remainder at 40%	Total Load	Voltage	Load for Unit Service (AMPS)	Total Connected Load	Breaker Size
A1	660	3 VA	1980 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	24970 VA	3700 VA	65.00%	2405 VA	10000 VA	5988 VA	18393 VA	208 V	88.43	28670 VA	100
A2	660	3 VA	1980 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	24970 VA	3700 VA	65.00%	2405 VA	10000 VA	5988 VA	18393 VA	208 V	88.43	28670 VA	100
A2 TYPE A	660	3 VA	1980 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	24970 VA	3700 VA	65.00%	2405 VA	10000 VA	5988 VA	18393 VA	208 V	88.43	28670 VA	100
A3	730	3 VA	2190 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	25180 VA	3700 VA	65.00%	2405 VA	10000 VA	6072 VA	18477 VA	208 V	88.83	28880 VA	100
A3 ALT	730	3 VA	2190 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	25180 VA	3700 VA	65.00%	2405 VA	10000 VA	6072 VA	18477 VA	208 V	88.83	28880 VA	100
A4	680	3 VA	2040 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	25030 VA	3700 VA	65.00%	2405 VA	10000 VA	6012 VA	18417 VA	208 V	88.54	28730 VA	100
B1	970	3 VA	2910 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	25900 VA	5600 VA	65.00%	3640 VA	10000 VA	6360 VA	20000 VA	208 V	96.15	31500 VA	100
B1 ALT	1000	3 VA	3000 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	25990 VA	5600 VA	65.00%	3640 VA	10000 VA	6396 VA	20036 VA	208 V	96.33	31590 VA	100
B2	1100	3 VA	3300 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	26290 VA	5600 VA	65.00%	3640 VA	10000 VA	6516 VA	20156 VA	208 V	96.90	31890 VA	100
B3	1000	3 VA	3000 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	25990 VA	5600 VA	65.00%	3640 VA	10000 VA	6396 VA	20036 VA	208 V	96.33	31590 VA	100
B4	1050	3 VA	3150 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	26140 VA	5600 VA	65.00%	3640 VA	10000 VA	6456 VA	20096 VA	208 V	96.62	31740 VA	100
C1	1080	3 VA	3240 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	26230 VA	7500 VA	65.00%	4875 VA	10000 VA	6492 VA	21367 VA	208 V	102.73	33730 VA	110
C1 ALT	1080	3 VA	3240 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	26230 VA	7500 VA	65.00%	4875 VA	10000 VA	6492 VA	21367 VA	208 V	102.73	33730 VA	110
C1 ALT 2	1080	3 VA	3240 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	26230 VA	7500 VA	65.00%	4875 VA	10000 VA	6492 VA	21367 VA	208 V	102.73	33730 VA	110
C1 TYPE A	1080	3 VA	3240 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	26230 VA	7500 VA	65.00%	4875 VA	10000 VA	6492 VA	21367 VA	208 V	102.73	33730 VA	110
C2	1160	3 VA	3480 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	26470 VA	7500 VA	65.00%	4875 VA	10000 VA	6588 VA	21463 VA	208 V	103.19	33970 VA	110
C3	1150	3 VA	3450 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	26440 VA	7500 VA	65.00%	4875 VA	10000 VA	6576 VA	21451 VA	208 V	103.13	33940 VA	110
C4	1175	3 VA	3525 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	26515 VA	7500 VA	65.00%	4875 VA	10000 VA	6606 VA	21481 VA	208 V	103.27	34015 VA	110
D1	1440	3 VA	4320 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	27310 VA	7500 VA	65.00%	4875 VA	10000 VA	6924 VA	21799 VA	208 V	104.80	34810 VA	110
D1 ALT 2	1430	3 VA	4290 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	27280 VA	7500 VA	65.00%	4875 VA	10000 VA	6912 VA	21787 VA	208 V	104.75	34780 VA	110
GS	320	3 VA	960 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	23950 VA	3700 VA	65.00%	2405 VA	10000 VA	5580 VA	17985 VA	208 V	86.47	27650 VA	100
PH	1500	3 VA	4500 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	27490 VA	7500 VA	65.00%	4875 VA	10000 VA	6996 VA	21871 VA	208 V	105.15	34990 VA	110
S1	445	3 VA	1335 VA	3000 VA	740 VA	850 VA	4400 VA	1000 VA	0 VA	0 VA	7000 VA	1500 VA	4500 VA	24325 VA	3700 VA	65.00%	2405 VA	10000 VA	5730 VA	18135 VA	208 V	87.19	28025 VA	100

FEEDER SCHEDULE

MARK	OCP	SETS	NO. COND.	SIZE ALUM.	SIZE GRD.	CONDUIT
0.1	0 A	1	1		3/0 CU	2"
1	1600 A	5	4	600 KCMIL		4"
2	1200 A	4	4	500 KCMIL		3"
3	1000 A	3	4	600 KCMIL		4"
4	600 A	2	4	500 KCMIL	#2/0	3"
5	400 A	2	4	#4/0	#1	2"
6	225 A	1	4	300 KMCIL	#2	3"

APARTMENT PANEL FEEDER - TYPE SER ALUMINUM

100A.: 2 - 2 - 2 - 6 UP TO 120 FT. 1 - 1 - 1 - 4 UP TO 150 FT. 0 - 0 - 0 - 4 UP TO 185 FT. 2/0 - 2/0 - 2/0 - 3 UP TP 235 FT.	110A.: 1 - 1 - 1 - 4 UP TO 135 FT. 0 - 0 - 0 - 4 UP TP 170 FT. 2/0 - 2/0 - 2/0 - 3 UP TO 215 FT.

NOTE:
- UNDERGROUND CONDUIT MATERIAL = SCH. 40 PVC.
- CONDUCTOR INSULATION = THHN/THWN.

PERMANENT PLACARDS SHALL BE POSTED AT EACH EXTERIOR SERVICE ENTRANCE AND METER BANK TO DISPLAY AREA SERVED.

SEE UNIT LOAD CALCS FOR APT PANEL BREAKER, 100A/2P, 110A/2P.

MULTI-FAMILY BUILDING LOAD ANALYSIS BLDG 1

Panel Unit Type (Connected Load)	Total Units Unit Quantity	Total Connected Load Sum of Units	Total KVA	NEC Building Diversity	Diversified KVA	Amps @ 208V/3PH	House Load	Total Demand - Amps
METER BANK 1-A	43	1,367,095 VA	1367	27%	369	1025	0	1025
A1-(28,670 VA)	3	86010 VA						
A2-(28,670 VA)	4	114680 VA						
A3 ALT-(28,880 VA)	6	173280 VA						
B1-(31,500 VA)	3	94500 VA						
B4-(31,740 VA)	1	31740 VA						
C1-(33,730 VA)	4	134920 VA						
C1 ALT-(33,730 VA)	4	134920 VA						
C2-(33,970 VA)	7	237790 VA						
C3-(33,940 VA)	4	135760 VA						
D1-(34,810 VA)	3	104430 VA						
PH-(34,990 VA)	1	34990 VA						
S1-(28,025 VA)	3	84075 VA						
METER BANK 1-B	16	509,540 VA	510	39%	199	552	525	1077
A3-(28,880 VA)	6	173280 VA						
C1-(33,730 VA)	5	168650 VA						
GUEST SUITE-(27,650 VA)	1	27650 VA						
PH-(34,990 VA)	4	139960 VA						
METER BANK 1-C	35	1,088,760 VA	1089	30%	327	907	0	907
A1-(28,670 VA)	4	114680 VA						
A3-(28,880 VA)	7	202160 VA						
B1 ALT-(31,590 VA)	4	126360 VA						
B2-(31,890 VA)	4	127560 VA						
C1-(33,730 VA)	8	269840 VA						
C4-(34,015 VA)	4	136060 VA						
S1-(28,025 VA)	4	112100 VA						
METER BANK 1-D	33	1,012,230 VA	1012	31%	314	872	350	1222
A1-(28,670 VA)	2	57340 VA						
A2-(28,670 VA)	5	143350 VA						
A2 TYPE A-(28,670 VA)	1	28670 VA						
A3-(28,880 VA)	6	173280 VA						
A3 ALT-(28,880 VA)	4	115520 VA						
B1-(31,500 VA)	2	63000 VA						
C1-(33,730 VA)	5	168650 VA						
C3-(33,940 VA)	3	101820 VA						
D1 ALT 2-(34,780 VA)	2	69560 VA						
PH-(34,990 VA)	1	34990 VA						
S1-(28,025 VA)	2	56050 VA						
METER BANK 1-E	38	1,190,875 VA	1191	29%	345	959	0	959
A1-(28,670 VA)	3	86010 VA						
A2-(28,670 VA)	1	28670 VA						
A3-(28,880 VA)	10	288800 VA						
B1-(31,500 VA)	3	94500 VA						
C1-(33,730 VA)	9	303570 VA						
C1 ALT 2-(33,730 VA)	1	33730 VA						
C1 TYPE A-(33,730 VA)	1	33730 VA						
C2-(33,970 VA)	7	237790 VA						
S1-(28,025 VA)	3	84075 VA						

MULTI-FAMILY BUILDING LOAD ANALYSIS BLDG 2

Panel Unit Type (Connected Load)	Total Units Unit Quantity	Total Connected Load Sum of Units	Total KVA	NEC Building Diversity	Diversified KVA	Amps @ 208V/3PH	House Load	Total Demand - Amps
METER BANK 2-F	34	1,031,045 VA	1031	30%	309	859	350	1209
A1-(28,670 VA)	3	86010 VA						
A2-(28,670 VA)	3	86010 VA						
A3-(28,880 VA)	9	259920 VA						
A3 ALT-(28,880 VA)	4	115520 VA						
B1-(31,500 VA)	3	94500 VA						
C1-(33,730 VA)	2	67460 VA						
C1 ALT 2-(33,730 VA)	1	33730 VA						
C2-(33,970 VA)	6	203820 VA						
S1-(28,025 VA)	3	84075 VA						
METER BANK 2-G	45	1,432,390 VA	1432	27%	387	1074	0	1074
A2-(28,670 VA)	5	143350 VA						
A2 TYPE A-(28,670 VA)	2	57340 VA						
A3-(28,880 VA)	3	86640 VA						
A3 ALT-(28,880 VA)	4	115520 VA						
A4-(28,730 VA)	3	86190 VA						
B3-(31,590 VA)	4	126360 VA						
C1-(33,730 VA)	10	337300 VA						
C1 ALT-(33,730 VA)	4	134920 VA						
C1 TYPE A-(33,730 VA)	1	33730 VA						
C3-(33,940 VA)	3	101820 VA						
D1-(34,810 VA)	4	139240 VA						
PH-(34,990 VA)	2	69980 VA						
METER BANK 2-H	30	922,860 VA	923	33%	305	846	0	846
A1-(28,670 VA)	4	114680 VA						
A3 ALT-(28,880 VA)	10	288800 VA						
C1-(33,730 VA)	10	337300 VA						
PH-(34,990 VA)	2	69980 VA						
S1-(28,025 VA)	4	112100 VA						
METER BANK 2-J	33	1,083,060 VA	1083	31%	336	933	400	1333
A2-(28,670 VA)	3	86010 VA						
A3-(28,880 VA)	3	86640 VA						
B1-(31,500 VA)	3	94500 VA						
C1-(33,730 VA)	10	337300 VA						
C1 TYPE A-(33,730 VA)	1	33730 VA						
C2-(33,970 VA)	6	203820 VA						
C3-(33,940 VA)	3	101820 VA						
D1-(34,810 VA)	4	139240 VA						

LUMINAIRE SCHEDULE

MARK	DESCRIPTION	MFGR	MODEL	MOUNTING	FINISH	LAMPS	NOTES
A	Disk Light	Halo	SLD612/8027/WH	jb/surface	white	1200 Lumen 2700K 15W LED	Wet Location
B	Patio Sconce		SEE FINISH SCHEDULE	wall	Black	1-10W LED	Wet Location
C	Shower Disk Light		SEE FINISH SCHEDULE	jb/surface	white	600 Lumen 2700K 10W LED	Wet Location
D	Vanity Sconce		SEE FINISH SCHEDULE	wall	br. Nickel	1740 Lumen 24W LED	
E	Kitchen Pendant		SEE FINISH SCHEDULE	jb/surface		1-13W 3000K LED	
F	5-blade fan, 3-spd, rev. w/globe		SEE FINISH SCHEDULE	surface	br. Nickel	2-8W LED	Energy Star Rated
G	NOT USED						
H	NOT USED						
J				jb/surface	CONFIRM	1500 Lumen 3000K 20W	
K	Exterior Sconce		CONFIRM WITH OWNER	wall	black	1-10W LED	Wet Location
L	Strip Light	Lithonia	CSS-L48-4000LM-MVOLT-40K-80CRI	surface	white	4000 Lumen 4000K LED	
L1	Strip Light	Lithonia	CSS-L48-4000LM-MVOLT-40K-80CRI	surface	white	4000 Lumen 4000K LED	With 2HR Battery
M	Vapor Tight Strip	Lithonia	CSVT-L48-4000LM-MVOLT-35K-80CRI-IE7WCP	surface	white	4000 Lumen 3500K LED	With 2HR Battery
N	Surface Downlight	Satco	62-1312	jb/surface	white	1050 Lumen 3000k 15W	
X1	Exit	Progress	PETPE-UR-30-RC	surface	white/red	1.5W LED	
X2	Exit w/heads	Progress	PECUE-UR-30-RC	surface	white/red	1.5W LED	
X3	Dual-Head Emergency	NICOR	EML7	surface	std	700 lumen	
X4	Exterior Remote Head	Progress	PERHC-SG-OD-30	surface	std	1W LED	

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2	23 0428	ADD 1/CC 2

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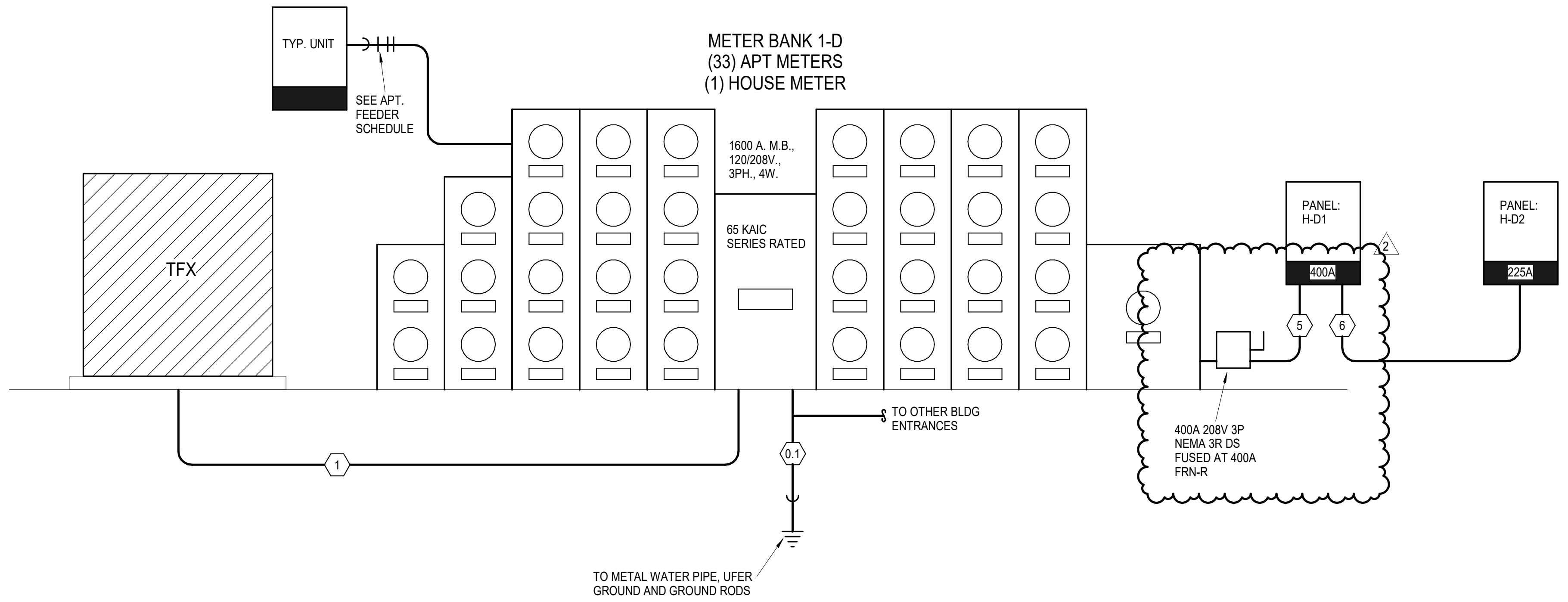
LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME ELECTRICAL DETAILS/SCHEDULES
SHEET NO. E3.03

ARCH E1 30" x 42"

NOTES:

1. VERIFY AVAILABLE FAULT CURRENT WITH POWER CO.
2. LABEL DISCONNECTS AS SERVICE DISCONNECTS AT THE SWITCHBOARDS.



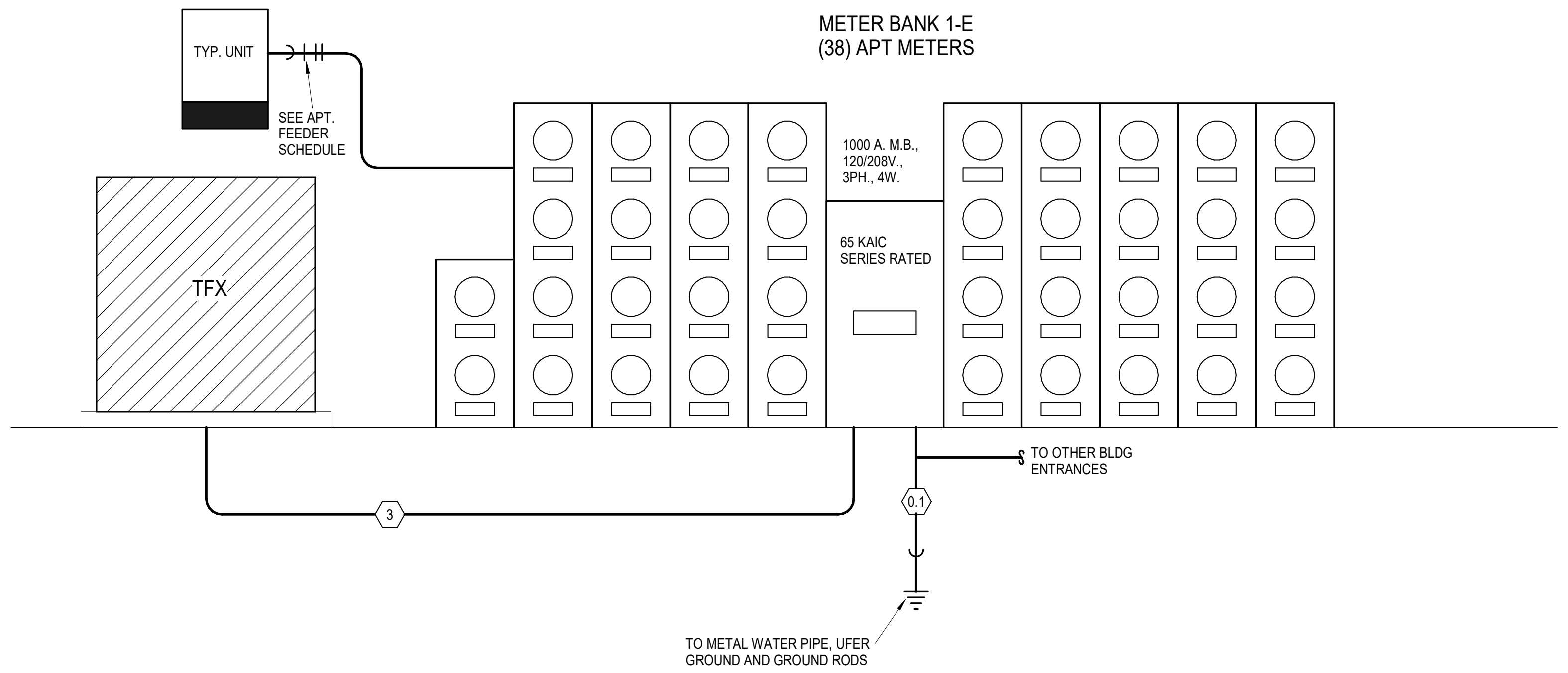
1 METER BANK 1-D ELECTRICAL RISER
NOT TO SCALE

NOTES:

1. VERIFY AVAILABLE FAULT CURRENT WITH POWER CO.
2. LABEL DISCONNECTS AS SERVICE DISCONNECTS AT THE SWITCHBOARDS.

FEEDER SCHEDULE

MARK	OCP	SETS	NO. COND.	SIZE ALUM.	SIZE GRD.	CONDUIT
0.1	0 A	1	1		3/0 CU	2"
1	1600 A	5	4	600 KCMIL		4"
2	1200 A	4	4	500 KCMIL		3"
3	1000 A	3	4	600 KCMIL		4"
4	600 A	2	4	500 KCMIL	#2/0	3"
5	400 A	2	4	#4/0	#1	2"
6	225 A	1	4	300 KMCIL	#2	3"



2 METER BANK 1-E ELECTRICAL RISER
NOT TO SCALE

NOTES:

1. VERIFY AVAILABLE FAULT CURRENT WITH POWER CO.
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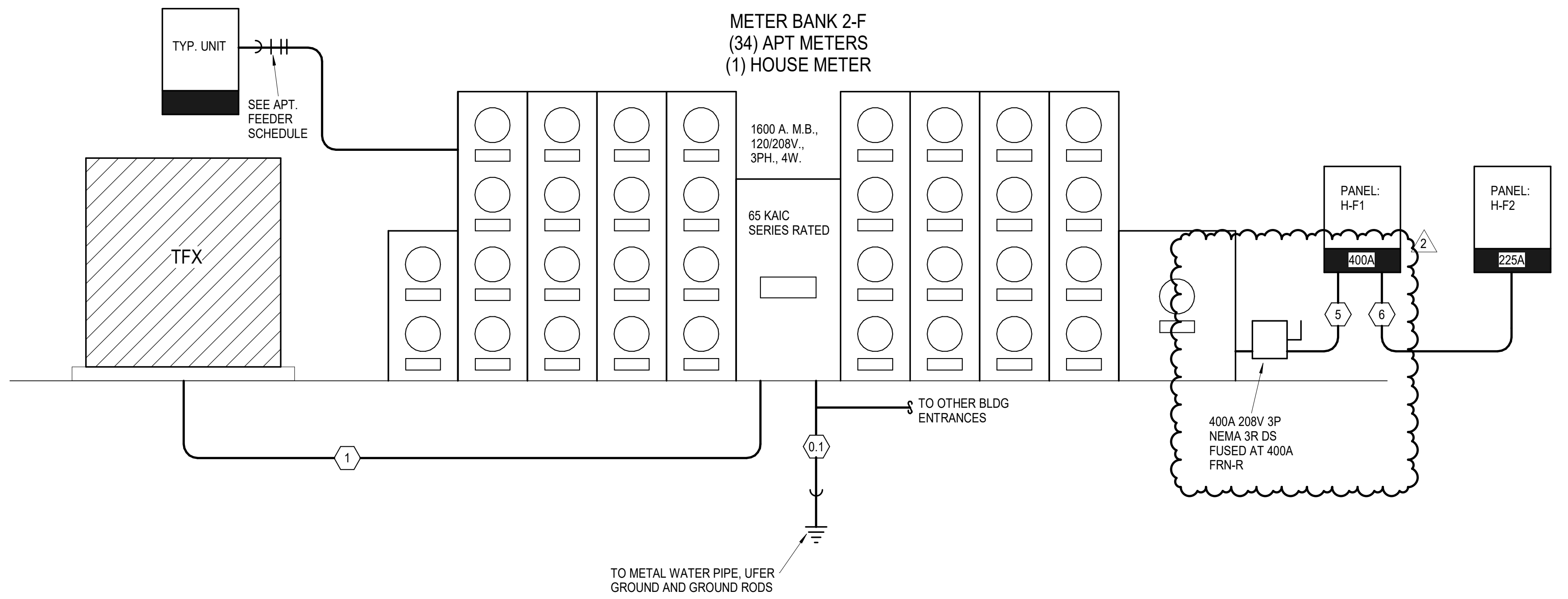
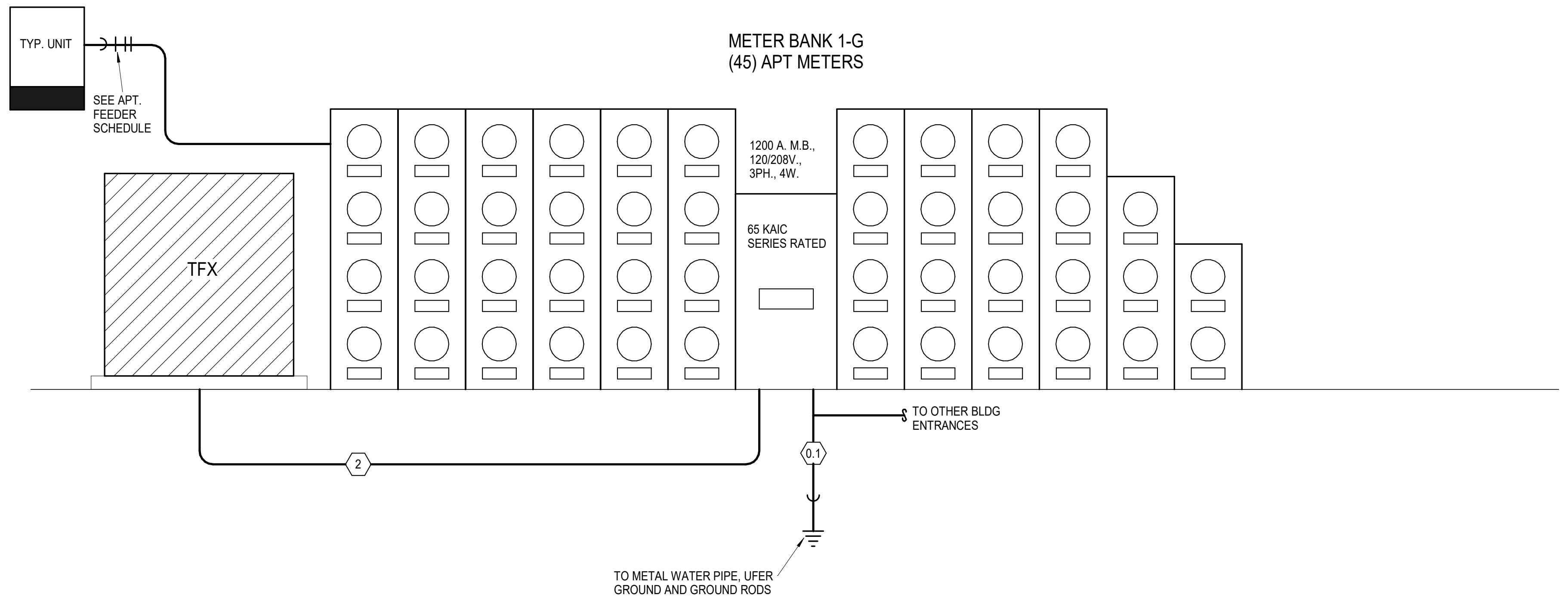


3 METER BANK 2-F ELECTRICAL RISER
NOT TO SCALE

NOTES:

1. VERIFY AVAILABLE FAULT CURRENT WITH POWER CO.
2. LABEL DISCONNECTS AS SERVICE DISCONNECTS AT THE SWITCHBOARDS.



4 METER BANK 2-G ELECTRICAL RISER
NOT TO SCALE

NOTES:

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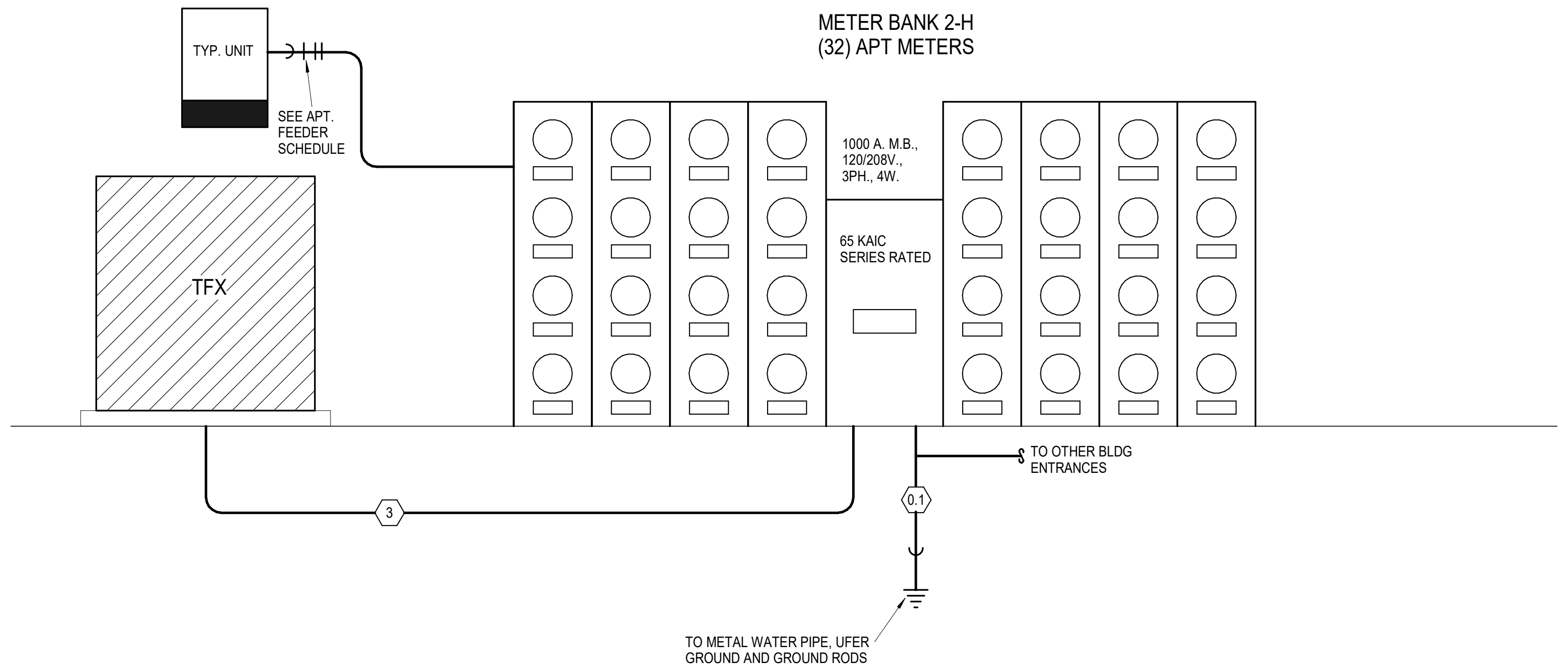
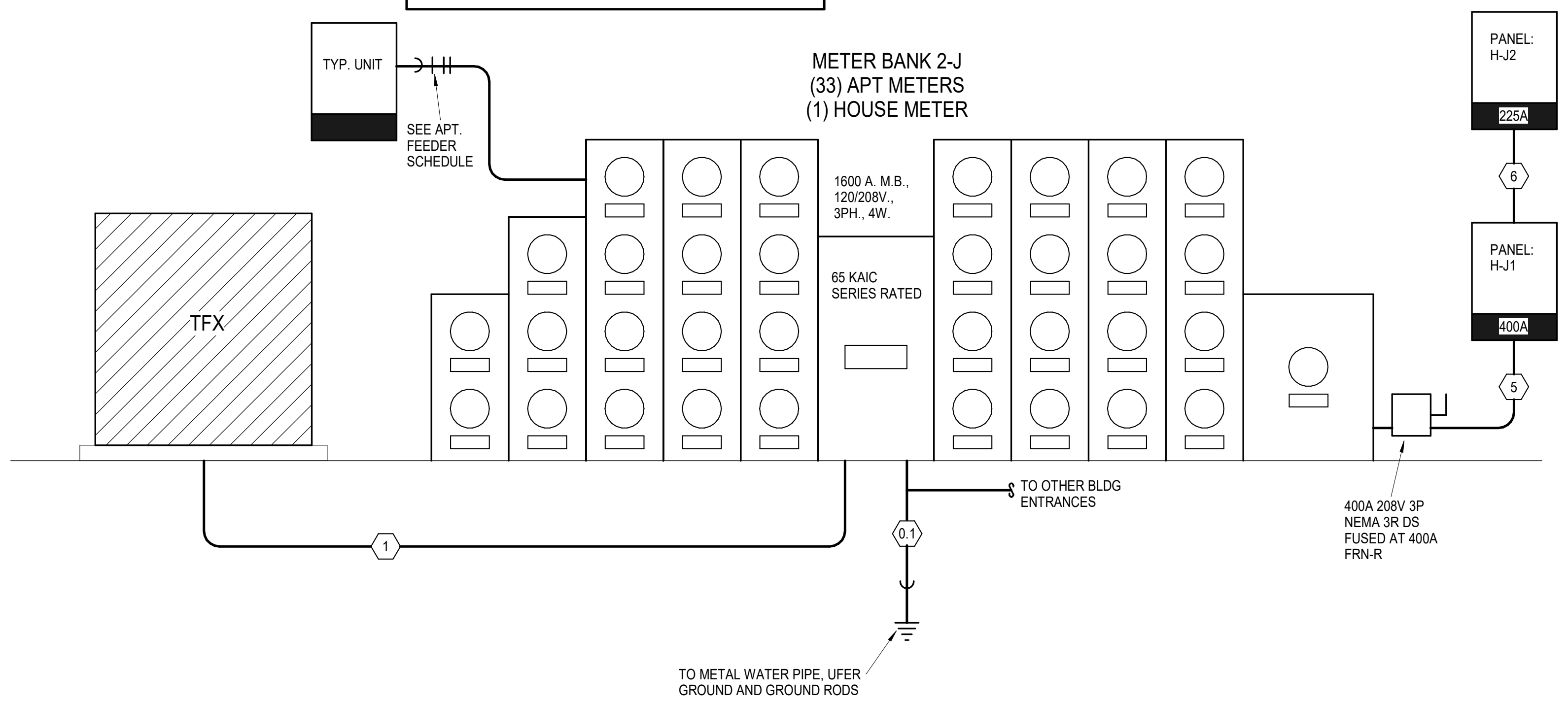


5 METER BANK 2-H ELECTRICAL RISER
NOT TO SCALE

NOTES:

1. VERIFY AVAILABLE FAULT CURRENT WITH POWER CO.
2. LABEL DISCONNECTS AS SERVICE DISCONNECTS AT THE SWITCHBOARDS.



6 METER BANK 2-J ELECTRICAL RISER
NOT TO SCALE

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LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME ELECTRICAL DETAILS/SCHEDULES
SHEET NO. E3.04

Panel: H-B1 (1)

Location:	CLUB AREA	**Volts:**	120/208 Wye	**A.I.C. Rating:**	42000
Supply From:	MB 1-B	**Phases:**	3	**Mains Type:**	MLO
Mounting:		**Wires:**	4	**Mains Rating:**	600 A
Enclosure:				**MCB Rating:**	

Notes:

CKT	Circuit Description	Trip	Wire Size	A		B		C		Wire Size	Trip	Circuit Description	CKT
1	Lighting STAIR B2 234	20 A	12	0	0					12	20 A	Lighting STAIR B1 233	2
3							195			12	20 A	Lighting	4
5	Receptacle Space 2240	20 A	12					360	360	12	20 A	Receptacle Space 2240	6
7	Receptacle Space 2240	20 A	12	360	195					12	20 A	Lighting	8
9	Lighting Space 2240	20 A	12			15	15			12	20 A	Lighting Space 2240	10
11	Receptacle ELEV. C 235	20 A	12					180	180	12	20 A	Receptacle ELEV. C 235	12
13	Receptacle ELEV. C 313	20 A	12	180	0					12	20 A	Power ELEV. C 318	14
15	ELEVATOR (SHUNT TRIP)	90 A	3			4900	240			12	20 A	Lighting	16
17								4900	6665	8	50 A	AHU-HC2	18
19				4900	6665								20
21	Receptacle ELEV. LOBBY 308	20 A	12			720	720			12	20 A	Receptacle ELEV. LOBBY 308	22
23	Receptacle ELEV. LOBBY 308	20 A	12					720	240	12	20 A	Lighting	24
25	Lighting ELEV. LOBBY 312	20 A	12	240	225					12	20 A	Lighting	26
27	AHU-HC1	50 A	8			6665	360			12	20 A	Lighting	28
29								6665	1500	12	20 A	EUH-A	30
31	Lighting ELEV. C 235	20 A	12	480	1500								32
33	Lighting ELEV. F 369	20 A	12			240	1500			12	20 A	EUH-A	34
35	Spare	20 A	--					0	1500				36
37	Spare	20 A	--	0	1850					12	20 A	EUH-B	38
39	Spare	20 A	--			0	1850						40
41	Spare	20 A	--					0	0	--	20 A	Spare	42
43	Spare	20 A	--	0	0					--	20 A	Spare	44
45	Spare	20 A	--			0	0			--	20 A	Spare	46
47	Spare	20 A	--					0	0	--	20 A	Spare	48
49	H1-B2	225 A		22557	0					--	20 A	Spare	50
51						32436	0			--	20 A	Spare	52
53								23716	0	--	20 A	Spare	54
		Total Load:		91667 VA		88575 VA		97182 VA					
		Total Amps:		768 A		738 A		814 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals	
HVAC	223703 VA	70.00%	156592 VA		
Lighting	3870 VA	125.00%	4838 VA	**Total Conn. Load:**	277422 VA
Other	500 VA	100.00%	500 VA	**Total Est. Demand:**	208663 VA
Power	0 VA	0.00%	0 VA	**Total Conn.:**	770 A
Receptacle	15140 VA	83.03%	12570 VA	**Total Est. Demand:**	579 A
Motor	29400 VA	100.00%	29400 VA		
Appliance	5000 VA	100.00%	5000 VA		

Notes:

Panel: H-B1 (2)

Location:	CLUB AREA	**Volts:**	120/208 Wye	**A.I.C. Rating:**	42000
Supply From:	MB 1-B	**Phases:**	3	**Mains Type:**	MLO
Mounting:		**Wires:**	4	**Mains Rating:**	600 A
Enclosure:				**MCB Rating:**	

Notes:

CKT	Circuit Description	Trip	Wire Size	A		B		C		Wire Size	Trip	Circuit Description	CKT
55	CU-HB7	50 A	8	2766	1560					8	30 A	CU-HB6	56
57						2766	1560						58
59	CU-HB5	15 A	12					874	1560	8	30 A	CU-HB4	60
61				874	1560								62
63							1560			8	30 A	CU-HB3	64
65	CU-HB2	30 A	8					1560	1560				66
67				1560	1560					8	30 A	CU-HB1	68
69	Receptacle	20 A				540	1560						70
71	AHU-HB6	50 A	6					7205	6665	8	50 A	AHU-HB5	72
73				7205	6665								74
75	DSS-STAIR	25 A	10			1612	1612			10	25 A	DSS-STAIR	76
77								1612	1612				78
79	AHU-HB4	50 A	6	7205	7205					6	50 A	AHU-HB3	80
81						7205	7205						82
83	AHU-HB2	50 A	6					7205	7205	6	50 A	AHU-HB1	84
85				7205	7205								86
87	AHU-HB7	90 A	3			13150	0			--	20 A	Spare	88
89								13150	0	--	20 A	Spare	90
91	Spare	20 A	--	0	0					--	20 A	Spare	92
93	Spare	20 A	--			0	0			--	20 A	Spare	94
95	Spare	20 A	--					0	0	--	20 A	Spare	96
		Total Load:		52572 VA		38771 VA		50208 VA					
		Total Amps:		453 A		323 A		433 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals	
HVAC	141011 VA	70.00%	98707 VA		
Power	0 VA	0.00%	0 VA	**Total Conn. Load:**	141551 VA
Receptacle	540 VA	100.00%	540 VA	**Total Est. Demand:**	99247 VA
				Total Conn.:	393 A
				Total Est. Demand:	275 A

Notes:

Panel: H-B2

Location:	SECTION A FIRST FLOOR	**Volts:**	120/208 Wye	**A.I.C. Rating:**	10000
Supply From:	H-B1	**Phases:**	3	**Mains Type:**	MLO
Mounting:		**Wires:**	4	**Mains Rating:**	225 A
Enclosure:				**MCB Rating:**	

Notes:

CKT	Circuit Description	Trip	Wire Size	A		B		C		Wire Size	Trip	Circuit Description	CKT
1	AHU-HA1	50 A	8	6665	900					12	20 A	Receptacle ELEV. LOBBY 291	2
3						6665							4
5	Receptacle ELEV. A 223	20 A	12					240	180	12	20 A	Receptacle ELEV. A 223	6
7	Receptacle ELEV. A 223	20 A	12	180	1000					12	20 A	Receptacle GARAGE-1 224-1	8
9	Receptacle ELEV. LOBBY 291	20 A	12			720	1000			12	20 A	Receptacle GARAGE 226	10
11	Receptacle GARAGE 228	20 A	12					1000	1080	12	20 A	Receptacle ELEV. LOBBY 291	12
13	Receptacle GARAGE 230	20 A	12	500	1000					12	20 A	Receptacle GARAGE 231	14
15							9907			4	70 A	AHU-HA2	16
17	Lighting	20 A	12					285	9907				18
19	Lighting STAIR A 288	20 A	12	90	570					12	20 A	Lighting	20
21	ELEVATOR (SHUNT TRIP) VERIFY	90 A	3			4900	500			12	20 A	Power ELEV. 301	22
23								4900	180	12	20 A	Receptacle ELEV. 301	24
25				4900	240					12	20 A	Lighting ELEV. 301	26
27	CU-HA2	45 A	8			2184	1435			10	25 A	CU-HA1	28
29								2184	1435				30
31	Receptacle	20 A	12	1080	2500					8	30 A	EV CHARGER	32
33	Receptacle MDF/MECH. ROO...	20 A	12			1000	2500						34
35	Receptacle MDF/MECH. ROO...	20 A	12					1000	1350	10	25 A	DSS-IT	36
37	DSS-STAIR	25 A	10	1625	1350								38
39						1625	--			--	--	Space	40
41	Spare	20 A	--					0	--	--	--	Space	42
43	Spare	20 A	--	0	--					--	--	Space	44
45	Spare	20 A	--			0	--			--	--	Space	46
47	Spare	20 A	--					0	--	--	--	Space	48
49	Spare	20 A	--	0	--					--	--	Space	50
51	Spare	20 A	--			0	--			--	--	Space	52
53	Spare	20 A	--					0	--	--	--	Space	54
		Total Load:		22557 VA		32436 VA		23716 VA					
		Total Amps:		188 A		272 A		199 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals	
HVAC	46333 VA	70.00%	32433 VA		
Lighting	1425 VA	125.00%	1781 VA	**Total Conn. Load:**	78708 VA
Other	500 VA	100.00%	500 VA	**Total Est. Demand:**	64738 VA
Power	0 VA	0.00%	0 VA	**Total Conn.:**	218 A
Receptacle	10820 VA	96.21%	10410 VA	**Total Est. Demand:**	180 A
Motor	14700 VA	100.00%	14700 VA		
Appliance	5000 VA	100.00%	5000 VA		

Notes:

Panel: H-D1

Location:	SECTION D FIRST FLOOR	**Volts:**	120/208 Wye	**A.I.C. Rating:**	42000
Supply From:	METER BANK 1-D	**Phases:**	3	**Mains Type:**	MLO
Mounting:		**Wires:**	4	**Mains Rating:**	400 A
Enclosure:				**MCB Rating:**	

Notes:

CKT	Circuit Description	Trip	Wire Size	A		B		C		Wire Size	Trip	Circuit Description	CKT
1	AHU-HD1	70 A	4	9907	405					12	20 A	Lighting	2
3						9907	360			12	20 A	Receptacle GARAGE 202	4
5	Receptacle GARAGE 201	20 A	12					180	1080	12	20 A	Receptacle	6
7	Receptacle GARAGE 204	20 A	12	360	360					12	20 A	Receptacle GARAGE 206	8
9	Lighting	20 A	12			30	720			12	20 A	Receptacle	10
11	Receptacle GARAGE 199	20 A	12					360	360	12	20 A	Receptacle GARAGE 197	12
13	Receptacle GARAGE 195	20 A	12	360	360					12	20 A	Receptacle GARAGE 193	14
15	Receptacle GARAGE 191	20 A	12			360	720			12	20 A	Receptacle ELEV. LOBBY 320	16
17	Receptacle ELEV. D 237	20 A	12					180	360	12	20 A	Receptacle ELEV. D 237	18
19	ELEVATOR (SHUNT TRIP) VERIFY	90 A	3	4900	500					12	20 A	Power ELEV. D 344	20
21						4900	15			12	20 A	Lighting	22
23								4900	900	12	20 A	Receptacle ELEV. LOBBY 320	24
25	Receptacle ELEV. LOBBY 320	20 A	12	720	360					12	20 A	Lighting	26
27	EV CHARGER	30 A	12			2500	720			12	20 A	Lighting	28
29								2500	180	12	20 A	Receptacle ELEV. E 240	30
31	CU-HC1	15 A	12	874	874					12	15 A	CU-HC2	32
33						874	874						34
35	DSS-STAIR	25 A	10					1612	2205	8	45 A	CU-HD2	36
37				1612	2205								38
39	CU-HD1	45 A	8			2205	360			12	20 A	Lighting ELEV. D 237	40
41								2205	1850	10	25 A	EUH-B	42
43	Lighting	20 A		360	1850								44
45	Space	--	--			--	1500			12	20 A	EUH-A	46
47	Space	--	--					--	1500				48
49	H-D2	225 A		24333	0					--	20 A	Spare	50
51						21650	0			--	20 A	Spare	52
53								19053	0	--	20 A	Spare	54
		Total Load:		50302 VA		47641 VA		39425 VA					
		Total Amps:		430 A		408 A		329 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals	
HVAC	80114 VA	70.00%	56080 VA		
Lighting	3525 VA	125.00%	4406 VA	**Total Conn. Load:**	137367 VA
Other	1000 VA	100.00%	1000 VA	**Total Est. Demand:**	112424 VA
Power	0 VA	0.00%	0 VA	**Total Conn.:**	381 A
Receptacle	13500 VA	87.04%	11750 VA	**Total Est. Demand:**	312 A
Motor	29400 VA	100.00%	29400 VA		
Appliance	10000 VA	100.00%	10000 VA		

Notes:

Panel: H-D2

Location:	SECTION E FIRST FLOOR	**Volts:**	120/208 Wye	**A.I.C. Rating:**	10000
Supply From:	H-D1	**Phases:**	3	**Mains Type:**	MLO
Mounting:		**Wires:**	4	**Mains Rating:**	225 A
Enclosure:				**MCB Rating:**	

Notes:

CKT	Circuit Description	Trip	Wire Size	A		B		C		Wire Size	Trip	Circuit Description	CKT
1	Lighting	20 A	12	180	360					12	20 A	Lighting	2
3	Lighting	20 A	12			180	360			12	20 A	Lighting	4
5	Lighting	20 A	12					360	360	12	20 A	Lighting	6
7					360					12	20 A	Lighting	8
9	Lighting	20 A	12			180							10
11	Receptacle STORAGE-1 358-1	20 A	12					900	60		20 A	Lighting STAIR E 241	12
13					7205					6	50 A	AHU-HE1	14
15	Receptacle STORAGE-1 358-1	20 A	12			720	7205						16
17	Receptacle ELEV. E 240	20 A	12					180	240	12	20 A	Lighting ELEV. E 240	18
19	Receptacle ELEV. E 240	20 A	12	180	330					12	20 A	Lighting	20
21	Lighting	20 A	12			255	255			12	20 A	Lighting	22
23	AHU-HE2	50 A	6					7205	255	12	20 A	Lighting	24
25				7205	240					12	20 A	Lighting ELEV. E 366	26
27	ELEVATOR (SHUNT TRIP) VERIFY	90 A	3			4900	500			12	20 A	Power ELEV. E 366	28
29								4900	0	10	25 A	DSS-STAIR	30
31				4900	0								32
33	CU-HE2	30 A	8			1560	1560			8	30 A	CU-HE1	34
35								1560	1560				36
37	Receptacle	20 A	12	900	2500					10	30 A	EV CHARGER	38
39	EUH-A	20 A	12			1500	2500						40
41								1500	0	--	20 A	Spare	42
		Total Load:		24333 VA		21650 VA		19053 VA					
		Total Amps:		206 A		184 A		159 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals	
HVAC	38061 VA	70.00%	26643 VA		
Lighting	1635 VA	125.00%	2044 VA	**Total Conn. Load:**	65037 VA
Other	500 VA	100.00%	500 VA	**Total Est. Demand:**	54008 VA
Power	0 VA	0.00%	0 VA	**Total Conn.:**	181 A
Receptacle	5220 VA	100.00%	5220 VA	**Total Est. Demand:**	150 A
Motor	14700 VA	100.00%	14700 VA		
Appliance	5000 VA	100.00%	5000 VA		

Notes:

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04/28/2023

A NEW RESIDENTIAL COMMUNITY AT:
TRILOGY
800 & 810 NW WARD RD. | LEE'S SUMMIT, MO

DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

△REVISIONS
2 23 0428 ADD 1/CC 2

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4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME ELECTRICAL SCHEDULES
SHEET NO. E3.05

2

Panel: H-F1

Location: SECTION F FLOOR 1
Supply From: METER BANK 2-F
Mounting:
Enclosure:
Volts: 120/208 Wye
Phases: 3
Wires: 4
A.I.C. Rating: 42000
Mains Type: MLO
Mains Rating: 400 A
MCB Rating:

Notes:

CKT	Circuit Description	Trip	Wire Size	A		B		C		Wire Size	Trip	Circuit Description	CKT
1	Lighting	20 A	12	360	360					12	20 A	Lighting	2
3	Lighting	20 A	12			360	180			12	20 A	Lighting	4
5	Lighting	20 A	12					360	45	12	20 A	Lighting Space 3352	6
7	Lighting	20 A	12	360	360					12	20 A	Lighting	8
9	Lighting	20 A	12			360	360			12	20 A	Lighting	10
11	Lighting	20 A	12					360	360	12	20 A	Lighting	12
13	Lighting	20 A	12	360	360					12	20 A	Lighting	14
15	Lighting	20 A	12			360	360			12	20 A	Lighting	16
17	Lighting	20 A	12					300	300	12	20 A	Lighting	18
19	Receptacle ELEV. F 243	20 A	12	360	720					12	20 A	Receptacle	20
21	Power ELEV. F 369	20 A	12			500	4900			3	90 A	ELEVATOR (SHUNT TRIP) VERIFY	22
23	Receptacle ELEV. LOBBY 377	20 A	12					720	4900				24
25	Receptacle ELEV. LOBBY 377	20 A	12	720	4900								26
27	Receptacle ELEV. LOBBY 377	20 A	12			720	9907			4	70 A	AHU-HF1	28
29	Receptacle MEP 613	20 A	12					1000	9907				30
31	Receptacle MEP 613	20 A	12	1000	180					12	20 A	Receptacle ELEV. F 243	32
33	Lighting	20 A	12			300	2205			8	45 A	CU-HF2	34
35	CU-HF1	45 A	8					2205	2205				36
37				2205	1350					10	25 A	DSS-IT	38
39	DSS-STAIR	25 A	10			0	1350						40
41								0	120	12	20 A	Lighting ELEV. F 243	42
43	Space	--	--	--	2500					8	30 A	EV CHARGER	44
45	Space	--	--			--	2500						46
47	Space	--	--					--	1500	12	20 A	EUH-A	48
49	PANEL F-2	225 A		13361	1500								50
51						20318	--			--	--	Space	52
53								23635	--	--	--	Space	54
			Total Load:	30956 VA		44665 VA		47880 VA					
			Total Amps:	258 A		390 A		417 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals	
HVAC	78356 VA	70.00%	54849 VA		
Lighting	2745 VA	125.00%	3431 VA	**Total Conn. Load:**	123499 VA
Other	4452 VA	100.00%	4452 VA	**Total Est. Demand:**	96457 VA
Power	0 VA	0.00%	0 VA	**Total Conn.:**	343 A
Receptacle	18380 VA	77.20%	14190 VA	**Total Est. Demand:**	268 A
Motor	14700 VA	100.00%	14700 VA		
Appliance	5000 VA	100.00%	5000 VA		

Notes:

Panel: H-F2

Location: SECTION G FLOOR 1
Supply From: H-F1
Mounting:
Enclosure:
Volts: 120/208 Wye
Phases: 3
Wires: 4
A.I.C. Rating: 10000
Mains Type: MLO
Mains Rating: 225 A
MCB Rating:

Notes:

CKT	Circuit Description	Trip	Wire Size	A		B		C		Wire Size	Trip	Circuit Description	CKT
1	Receptacle	20 A	12	900	540					12	20 A	Receptacle MAINTENANCE 245	2
3	WATER HEATER - M	20 A	12			1976	6665			8	50 A	AHU-HG1	4
5								1976	6665				6
7	Lighting	20 A	12	360	360					12	20 A	Lighting	8
9	Lighting	20 A	12			360	360			12	20 A	Lighting	10
11	Lighting	20 A	12					360	5584	8	40 A	AHU-HH1	12
13	DSS-MAINT	25 A	10	1350	5584								14
15						1350	6665			8	50 A	AHU-HG2	16
17	CU-HG1	15 A	12					874	6665				18
19				874	874					12	15 A	CU-HG2	20
21	Lighting	20 A	12			330	874						22
23	Lighting	20 A	12					330	360	12	20 A	Lighting	24
25	Receptacle ELEV. LOBBY 419	20 A	12	720	360					12	20 A	Lighting	26
27	Receptacle MAINTENANCE 245	20 A	12			540	330			12	20 A	Lighting	28
29	Other MAINTENANCE 245	20 A	12					60	630	12	20 A	Lighting ELEV. LOBBY 409	30
31	Lighting	20 A	12	360	720					12	20 A	Receptacle ELEV. LOBBY 419	32
33	Lighting	20 A	12			180	720			12	20 A	Receptacle ELEV. LOBBY 419	34
35	Spare	20 A	--					0	180	12	20 A	Receptacle MAINTENANCE 245	36
37	Spare	20 A	--	0	360					12	20 A	Lighting	38
39	Spare	20 A	--			0	--			--	--	Space	40
41	Spare	20 A	--					0	--	--	--	Space	42
43	Spare	20 A	--	0	--					--	--	Space	44
45	Spare	20 A	--			0	--			--	--	Space	46
47	Spare	20 A	--					0	--	--	--	Space	48
49	Spare	20 A	--	0	--					--	--	Space	50
51	Spare	20 A	--			0	--			--	--	Space	52
53	Spare	20 A	--					0	--	--	--	Space	54
			Total Load:	13361 VA		20318 VA		23635 VA					
			Total Amps:	111 A		178 A		206 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals	
HVAC	44022 VA	70.00%	30816 VA		
Lighting	1680 VA	125.00%	2100 VA	**Total Conn. Load:**	57313 VA
Other	3952 VA	100.00%	3952 VA	**Total Est. Demand:**	44508 VA
Power	0 VA	0.00%	0 VA	**Total Conn.:**	159 A
Receptacle	7740 VA	100.00%	7740 VA	**Total Est. Demand:**	124 A

Notes:

Panel: H-J1

Location: SECTION J FLOOR 1
Supply From:
Mounting:
Enclosure:
Volts: 120/208 Wye
Phases: 3
Wires: 4
A.I.C. Rating: 42000
Mains Type: MLO
Mains Rating: 400 A
MCB Rating:

Notes:

CKT	Circuit Description	Trip	Wire Size	A		B		C		Wire Size	Trip	Circuit Description	CKT
1	Other BIKE STORAGE 138	20 A	12	0	360					12	20 A	Lighting	2
3	Lighting	20 A	12			360	360			12	20 A	Lighting	4
5	Lighting	20 A	12					360	360	12	20 A	Lighting	6
7	Lighting	20 A	12	315	360					12	20 A	Lighting	8
9	Lighting	20 A	12			360	180			12	20 A	Lighting	10
11	Lighting STAIR J 248	20 A	12					0	360	12	20 A	Lighting	12
13	Lighting	20 A	12	180	360					12	20 A	Lighting	14
15	AHU-HJ1	70 A	4			9907	540			12	20 A	Receptacle DOG SPA 438	16
17								9907	0	12	20 A	Lighting	18
19	CU-HJ2	30 A	8	1560	0					12	20 A	Lighting	20
21						1560	7205			6	50 A	AHU-HJ2	22
23	Lighting ELEV. LOBBY 458	20 A	12					570	7205				24
25	Lighting	20 A	12	195	285					12	20 A	Lighting	26
27	ELEVATOR (SHUNT TRIP) VEFIFY	90 A	3			4900	500			12	20 A	Power ELEV. J 467	28
29								4900	480	12	20 A	Lighting ELEV. J 249	30
31				4900	720					12	20 A	Receptacle STORAGE 439	32
33	Receptacle STORAGE 439	20 A	12			720	720			12	20 A	Receptacle STORAGE 439	34
35	Receptacle ELEV. J 249	20 A	12					360	180	12	20 A	Receptacle ELEV. J 249	36
37	DSS-STAIR	25 A	10	1613	720					12	20 A	Receptacle	38
39						1613	720			12	20 A	Receptacle	40
41	Lighting	20 A	12					360	360	12	20 A	Lighting	42
43	Lighting	20 A	12	360	2500					8	30 A	EV CHARGER	44
45	Lighting	20 A	12			360	2500						46
47	CU-HJ1	45 A	8					2205	195	12	20 A	Lighting	48
49				2205	26990						225 A	PANEL H-J2	50
51	EUH-A	20 A	12			1500	14073						52
53								1500	25581				54
			Total Load:	43584 VA		48078 VA		54823 VA					
			Total Amps:	363 A		406 A		463 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals	
HVAC	89452 VA	70.00%	62616 VA		
Lighting	3105 VA	125.00%	3881 VA	**Total Conn. Load:**	146485 VA
Other	1000 VA	100.00%	1000 VA	**Total Est. Demand:**	118550 VA
Power	0 VA	0.00%	0 VA	**Total Conn.:**	407 A
Receptacle	13680 VA	86.55%	11840 VA	**Total Est. Demand:**	329 A
Motor	29400 VA	100.00%	29400 VA		
Appliance	10000 VA	100.00%	10000 VA		

Notes:

ELECTRICAL PANEL SCHEDULE

PANEL: S1, A1 | POLES: 20 | MOUNTING: FLUSH
BUS: 100A. | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 1 Ph 3 Wire | KAIC:10K

CIRCUIT NUMBERS	DESCRIPTION	AMPS	POLES	QUANTITY
1, 3	RANGE	40	2	1
5, 7, 13, 15	WATER HEATER, DRYER	30	2	2
9, 11	AHU	30	2	1
17, 19	CONDENSING UNIT	20	2	1
2	LIGHTS AND RECEPTACLES	20	1	1
4-14 EVEN, 18	ARC-FAULT LIGHTS AND RECEPTACLES	20	1	7
16	WASHER - COMBINATION GFI/ARC-FAULT	20	1	1
20	SPARE	20	1	1

ELECTRICAL PANEL SCHEDULE

PANEL: B1, B3 | POLES: 20 | MOUNTING: FLUSH
BUS: 100A. | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 1 Ph 3 Wire | KAIC:10K

CIRCUIT NUMBERS	DESCRIPTION	AMPS	POLES	QUANTITY
1, 3	RANGE	40	2	1
5, 7, 13, 15	WATER HEATER, DRYER	30	2	2
9, 11	AHU	40	2	1
17, 19	CONDENSING UNIT	15	2	1
2	LIGHTS AND RECEPTACLES	20	1	1
4-14 EVEN, 18, 20	ARC-FAULT LIGHTS AND RECEPTACLES	20	1	8
16	WASHER - COMBINATION GFI/ARC-FAULT	20	1	1
21	SPARE	20	1	1

ELECTRICAL PANEL SCHEDULE

PANEL: B4 | POLES: 20 | MOUNTING: FLUSH
BUS: 100A. | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 1 Ph 3 Wire | KAIC:10K

CIRCUIT NUMBERS	DESCRIPTION	AMPS	POLES	QUANTITY
1, 3	RANGE	40	2	1
5, 7, 13, 15	WATER HEATER, DRYER	30	2	2
9, 11	AHU	50	2	1
17, 19	CONDENSING UNIT	25	2	1
2	LIGHTS AND RECEPTACLES	20	1	1
4-14 EVEN, 18, 20	ARC-FAULT LIGHTS AND RECEPTACLES	20	1	8
16	WASHER - COMBINATION GFI/ARC-FAULT	20	1	1
21	SPARE	20	1	1

ELECTRICAL PANEL SCHEDULE

PANEL: C2, C4 | POLES: 24 | MOUNTING: FLUSH
BUS: 110A. | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 1 Ph 3 Wire | KAIC:10K

CIRCUIT NUMBERS	DESCRIPTION	AMPS	POLES	QUANTITY
1, 3	RANGE	40	2	1
5, 7, 13, 15	WATER HEATER, DRYER	30	2	2
9, 11	AHU	50	2	1
17, 19	CONDENSING UNIT	25	2	1
2, 22	LIGHTS AND RECEPTACLES	20	1	2
4-14, 18-22 EVEN	ARC-FAULT LIGHTS AND RECEPTACLES	20	1	9
16	WASHER - COMBINATION GFI/ARC-FAULT	20	1	1
21	SPARE	20	1	1

ELECTRICAL PANEL SCHEDULE

PANEL:PH | POLES: 24 | MOUNTING: FLUSH
BUS: 110A. | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 1 Ph 3 Wire | KAIC:10K

CIRCUIT NUMBERS	DESCRIPTION	AMPS	POLES	QUANTITY
1, 3	RANGE	40	2	1
5, 7, 13, 15	WATER HEATER, DRYER	30	2	2
9, 11	AHU	50	2	1
17, 19	CONDENSING UNIT	30	2	1
2, 22	LIGHTS AND RECEPTACLES	20	1	2
4-14, 18-22 EVEN, 21	ARC-FAULT LIGHTS AND RECEPTACLES	20	1	10
16	WASHER - COMBINATION GFI/ARC-FAULT	20	1	1
23	SPARE	20	1	1

ELECTRICAL PANEL SCHEDULE

PANEL: A2, A3, A4 | POLES: 20 | MOUNTING: FLUSH
BUS: 100A. | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 1 Ph 3 Wire | KAIC:10K

CIRCUIT NUMBERS	DESCRIPTION	AMPS	POLES	QUANTITY
1, 3	RANGE	40	2	1
5, 7, 13, 15	WATER HEATER, DRYER	30	2	2
9, 11	AHU	30	2	1
17, 19	CONDENSING UNIT	20	2	1
2	LIGHTS AND RECEPTACLES	20	1	1
4-14 EVEN, 18	ARC-FAULT LIGHTS AND RECEPTACLES	20	1	7
16	WASHER - COMBINATION GFI/ARC-FAULT	20	1	1
20	SPARE	20	1	1

ELECTRICAL PANEL SCHEDULE

PANEL: B2 | POLES: 24 | MOUNTING: FLUSH
BUS: 100A. | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 1 Ph 3 Wire | KAIC:10K

CIRCUIT NUMBERS	DESCRIPTION	AMPS	POLES	QUANTITY
1, 3	RANGE	40	2	1
5, 7, 13, 15	WATER HEATER, DRYER	30	2	2
9, 11	AHU	40	2	1
17, 19	CONDENSING UNIT	15	2	1
2, 22	LIGHTS AND RECEPTACLES	20	1	2
4-14, 18-22 EVEN	ARC-FAULT LIGHTS AND RECEPTACLES	20	1	9
16	WASHER - COMBINATION GFI/ARC-FAULT	20	1	1
21	SPARE	20	1	3

ELECTRICAL PANEL SCHEDULE

PANEL: C1, C3 | POLES: 24 | MOUNTING: FLUSH
BUS: 110A. | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 1 Ph 3 Wire | KAIC:10K

CIRCUIT NUMBERS	DESCRIPTION	AMPS	POLES	QUANTITY
1, 3	RANGE	40	2	1
5, 7, 13, 15	WATER HEATER, DRYER	30	2	2
9, 11	AHU	40	2	1
17, 19	CONDENSING UNIT	15	2	1
2, 22	LIGHTS AND RECEPTACLES	20	1	2
4-14, 18-22 EVEN	ARC-FAULT LIGHTS AND RECEPTACLES	20	1	9
16	WASHER - COMBINATION GFI/ARC-FAULT	20	1	1
21	SPARE	20	1	1

ELECTRICAL PANEL SCHEDULE

PANEL: D1 | POLES: 24 | MOUNTING: FLUSH
BUS: 110A. | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 1 Ph 3 Wire | KAIC:10K

CIRCUIT NUMBERS	DESCRIPTION	AMPS	POLES	QUANTITY
1, 3	RANGE	40	2	1
5, 7, 13, 15	WATER HEATER, DRYER	30	2	2
9, 11	AHU	50	2	1
17, 19	CONDENSING UNIT	30	2	1
2, 22	LIGHTS AND RECEPTACLES	20	1	2
4-14, 18-22 EVEN	ARC-FAULT LIGHTS AND RECEPTACLES	20	1	9
16	WASHER - COMBINATION GFI/ARC-FAULT	20	1	1
21	SPARE	20	1	1

ELECTRICAL PANEL SCHEDULE

PANEL: GS | POLES: 20 | MOUNTING: FLUSH
BUS: 100A. | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 1 Ph 3 Wire | KAIC:10K

CIRCUIT NUMBERS	DESCRIPTION	AMPS	POLES	QUANTITY
1, 3	RANGE	40	2	1
5, 7, 13, 15	WATER HEATER, DRYER	30	2	2
9, 11	AHU	30	2	1
17, 19	CONDENSING UNIT	15	2	1
2	LIGHTS AND RECEPTACLES	20	1	1
4-14 EVEN, 18	ARC-FAULT LIGHTS AND RECEPTACLES	20	1	7
16	WASHER - COMBINATION GFI/ARC-FAULT	20	1	1
20	SPARE	20	1	1

Panel: H-J2

Location: SEGMENT G FLOOR 2
Supply From: H-J1
Mounting:
Enclosure:
Volts: 120/208 Wye
Phases: 3
Wires: 4
A.I.C. Rating: 10000
Mains Type: MLO
Mains Rating: 225 A
MCB Rating:

Notes:

CKT	Circuit Description	Trip	Wire Size	A		B		C		Wire Size	Trip	Circuit Description	CKT
1	Lighting ELEV. G 275	20 A	12	240	697					12	15 A	CU-HH1	2
3	DSS-STAIR	25 A	10			1612	697						4
5								1612	874	12	15 A	CU-HG3	6
7	CU-HG4	15 A	12	874	874								8
9						874	360			12	20 A	Receptacle ELEV. G 275	10
11	Receptacle ELEV. G 275	20 A	12					180	0	12	20 A	Lighting STAIR G 246	12
13	Lighting	20 A	12	360	3700					10	25 A	EUH-B	14
15	Lighting	20 A	12			360	4900			3	90 A	ELEVATOR (SHUNT TRIP) VERIFY	16
17	Power ELEV. G 410	20 A	12					500	4900				18
19	Lighting	20 A	12	240	4900								20
21	Receptacle	20 A	12			720	2500			8	30 A	EV CHARGER	22
23	Lighting	20 A	12					195	2500				24
25	Receptacle Space 3702	20 A	12	900	900					12	20 A	Receptacle Space 3702	26
27	Lighting	20 A	12			195	195			12	20 A	Lighting Space 2742	28
29	AHU-HG4	50 A	8					6665	6665	8	50 A	AHU-HG3	30
31				6665	6665								32
33	Lighting	20 A	12			180	1500			12	20 A	EUH-A	34
35	Spare	20 A	--					0	1500				36
37	Spare	20 A	--	0	--					--	--	Space	38
39	Spare	20 A	--			0	--			--	--	Space	40
41	Spare	20 A	--					0	--	--	--	Space	42
			Total Load:	26990 VA		14073 VA		25581 VA					
			Total Amps:	240 A		117 A		228 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals	
HVAC	41472 VA	70.00%	29030 VA		
Lighting	1065 VA	125.00%	1331 VA	**Total Conn. Load:**	66644 VA
Other	500 VA	100.00%	500 VA	**Total Est. Demand:**	54456 VA
Power	0 VA	0.00%	0 VA	**Total Conn.:**	185 A
Receptacle	3960 VA	100.00%	3960 VA	**Total Est. Demand:**	151 A
Motor	14700 VA	100.00%	14700 VA		
Appliance	5000 VA	100.00%	5000 VA		

Notes:

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RICHARD R. BEARDMORE
04/28/2023

A NEW RESIDENTIAL COMMUNITY AT:

TRILOGY

800 & 810 NW WARD RD. | LEE'S SUMMIT, MO

DRAWING RELEASE LOG
- 03.15.2023 - PERMIT SUBMITTAL

△REVISIONS

2 23 0428 ADD 1/CC 2

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8625 College Boulevard, Suite 102
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Email: lsapa@lsapa.com
LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME ELECTRICAL SCHEDULES
SHEET NO. E3.06

ARCH E1 30" x 42"

LEGEND:

1. PROVIDE 3/4"X4'X8' A-C FIRE RETARDANT PLYWOOD ON WALL, INSTALLED 6" AFF FASTEN SECURELY. PAINT PLYWOOD WITH (2) COATS OF, LOW GLOSS, LIGHT COLORED PAINT.
2. TMGB: 1/4"x4"x16" BUSBAR, HARGER GROUND BAR TGBI14416TMGBKT OR EQUAL PROVIDE #3/0 MAIN ELECTRICAL SERVICE GROUND.
3. TGB: 1/4"x4"x12" BUSBAR, HARGER GROUND BAR TGBI14412TMGBKT OR EQUAL PROVIDE #1/0 TO TMGB IN MDF.
4. (2) 2" EMT CONDUITS FOR VOICE/DATA BACKBONE CABLING.
5. 2" EMT CONDUIT TO WEATHERHEAD ON ROOF FOR POTENTIAL FUTURE EMERGENCY RESPONDER RADIO COVERAGE SYSTEM (ERRCS) CABLING PATHWAY. REFER TO WEATHERHEAD DETAIL.

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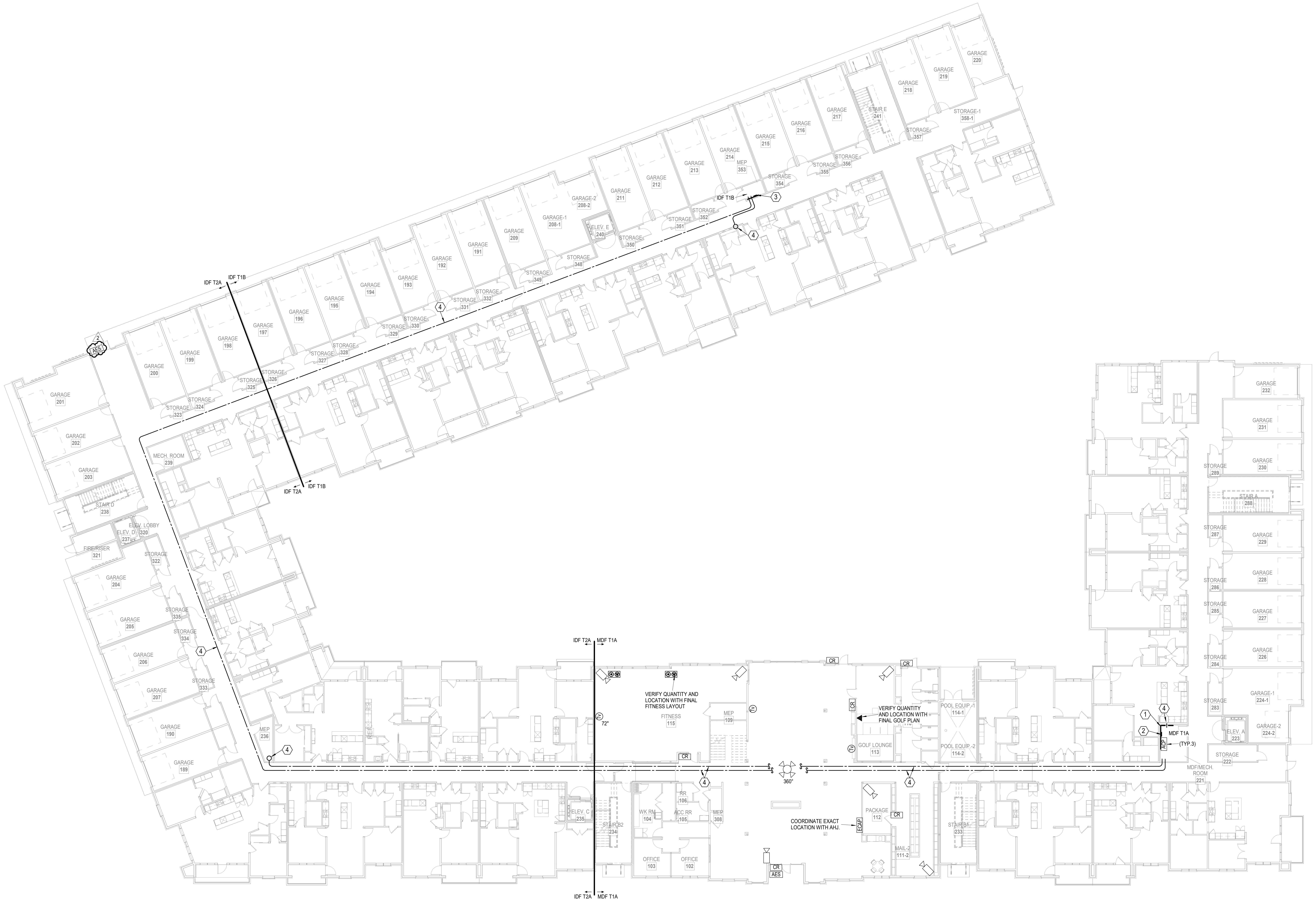
RICHARD R. BEARDMORE
04/28/2023



1 BUILDING 1 - OVERALL 1ST FLOORPLAN

TELECOM
1/16" = 1'-0"

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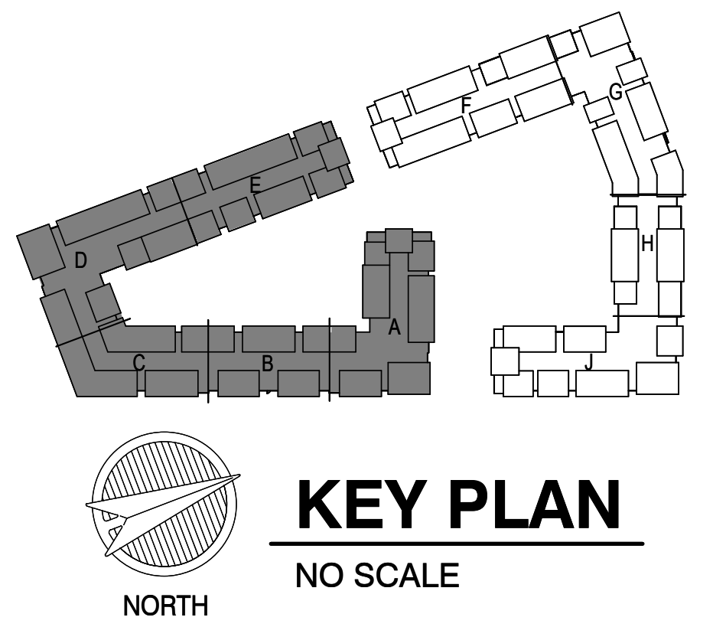

KEY PLAN

NO SCALE

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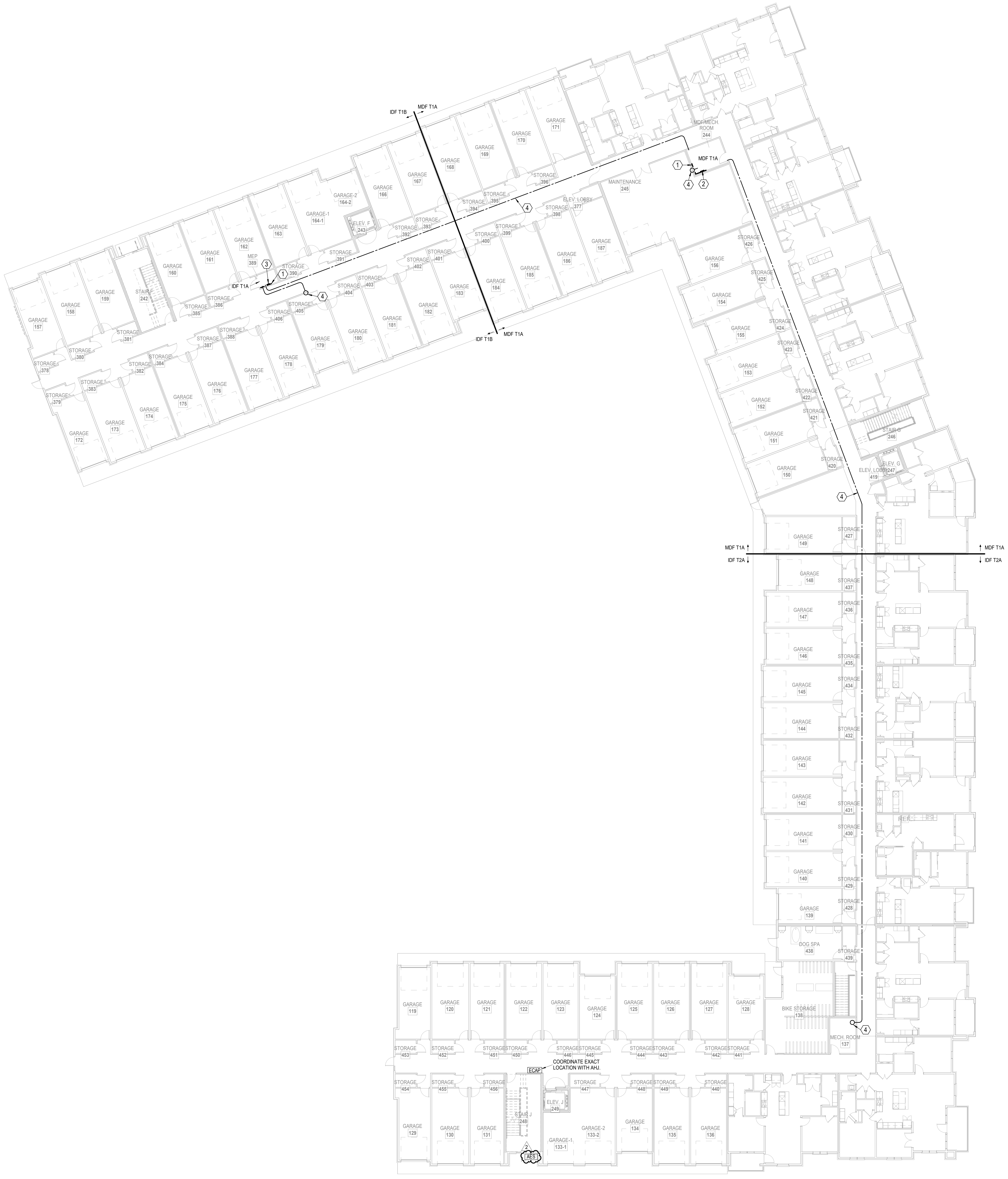
Email: lsapa@lsapa.com
LSA PROJECT NO. 2204061

JOB NO. 705921
DATE 03.15.2023
DRAWN BY LSA CAD
4/28/2023 ADDENDUM 1/ CITY COMMENTS #2
SHEET NAME
BUILDING 1 - OVERALL 1ST FLOORPLAN
SHEET NO.
T1.01

5/1/2023 3:52:26 PM



NORTH

1 BUILDING 2 - OVERALL 1ST FLOORPLAN

TELECOM
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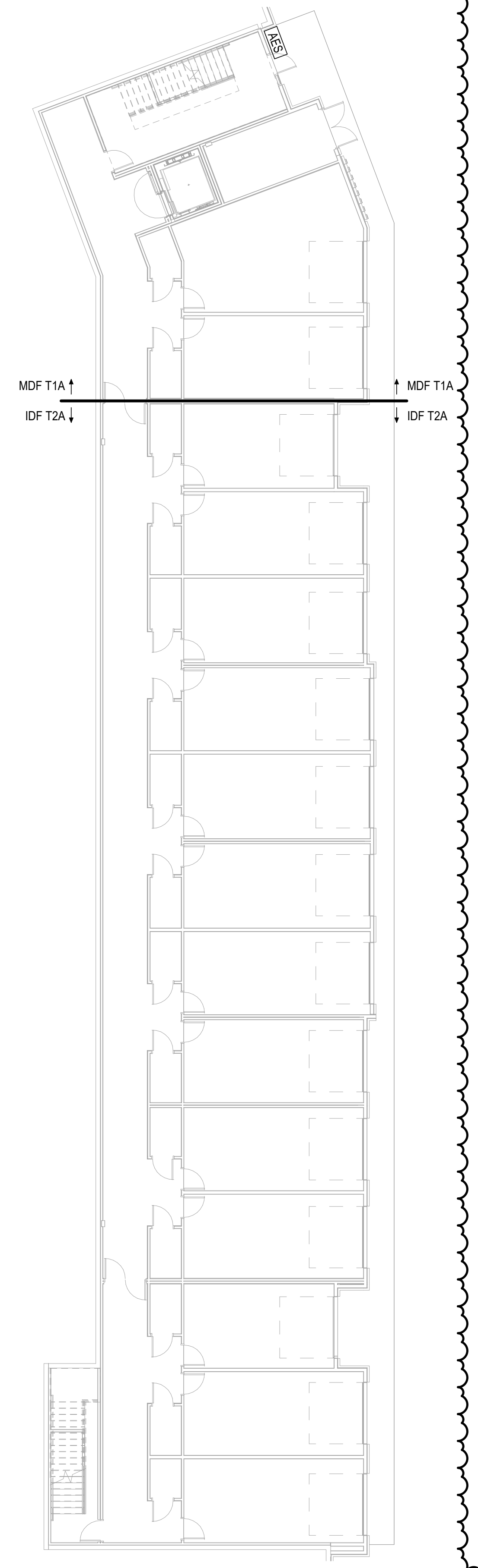

NORTH

2 BUILDING 2 - OVERALL BASEMENT

TELECOM
1/16" = 1'-0"

LEGEND:

1. PROVIDE 3/4"X4'X8' A-C FIRE RETARDANT PLYWOOD ON WALL, INSTALLED 6" AFF FASTEN SECURELY. PAINT PLYWOOD WITH (2) COATS OF, LOW GLOSS, LIGHT COLORED PAINT.
2. TMGB: 1/4"x4"x16" BUSBAR, HARGER GROUND BAR TGBI14416TMGBKT OR EQUAL PROVIDE #3/0 MAIN ELECTRICAL SERVICE GROUND.
3. TGB: 1/4"x4"x12" BUSBAR, HARGER GROUND BAR TGBI14412TMGBKT OR EQUAL PROVIDE #1/0 TO TMGB IN MDF.
4. (2) 2" EMT CONDUITS FOR VOICE/DATA BACKBONE CABLING.
5. 2" EMT CONDUIT TO WEATHERHEAD ON ROOF FOR POTENTIAL FUTURE EMERGENCY RESPONDER RADIO COVERAGE SYSTEM (ERRCS) CABLING PATHWAY. REFER TO WEATHERHEAD DETAIL.

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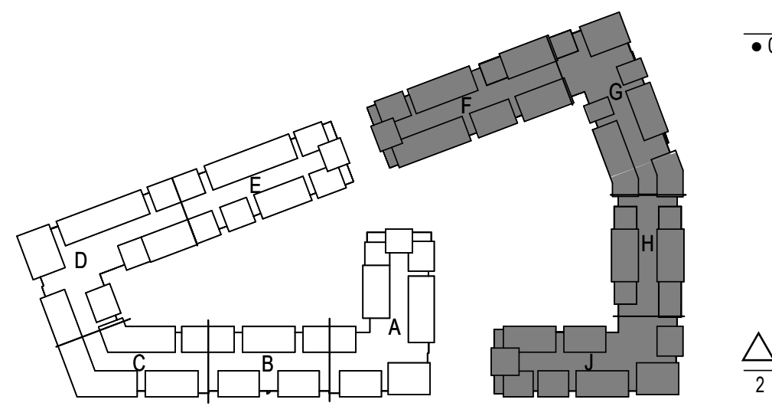

NORTH

KEY PLAN

NO SCALE

REVISIONS

2 23 0428 ADD 1/CC 2

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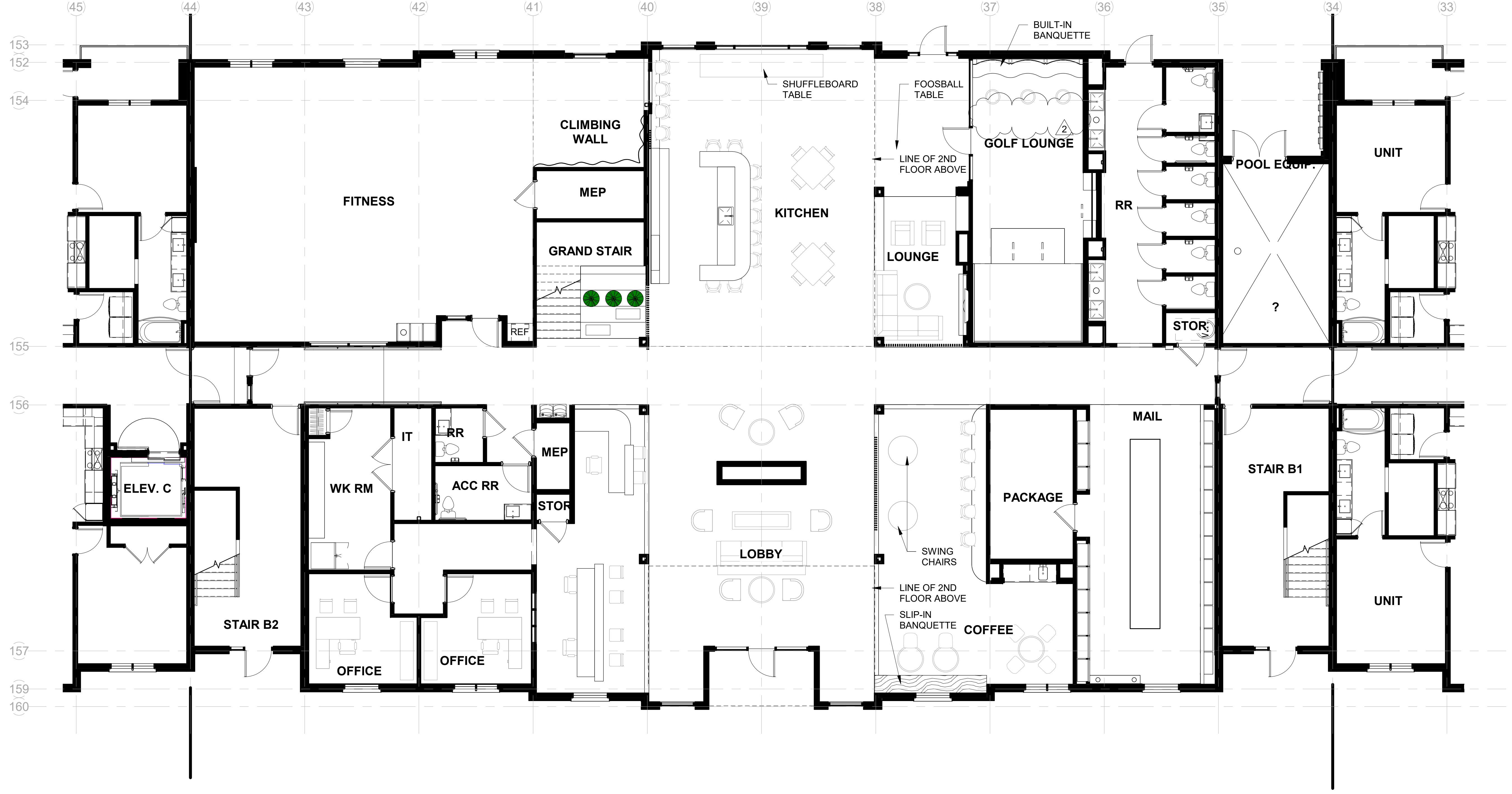
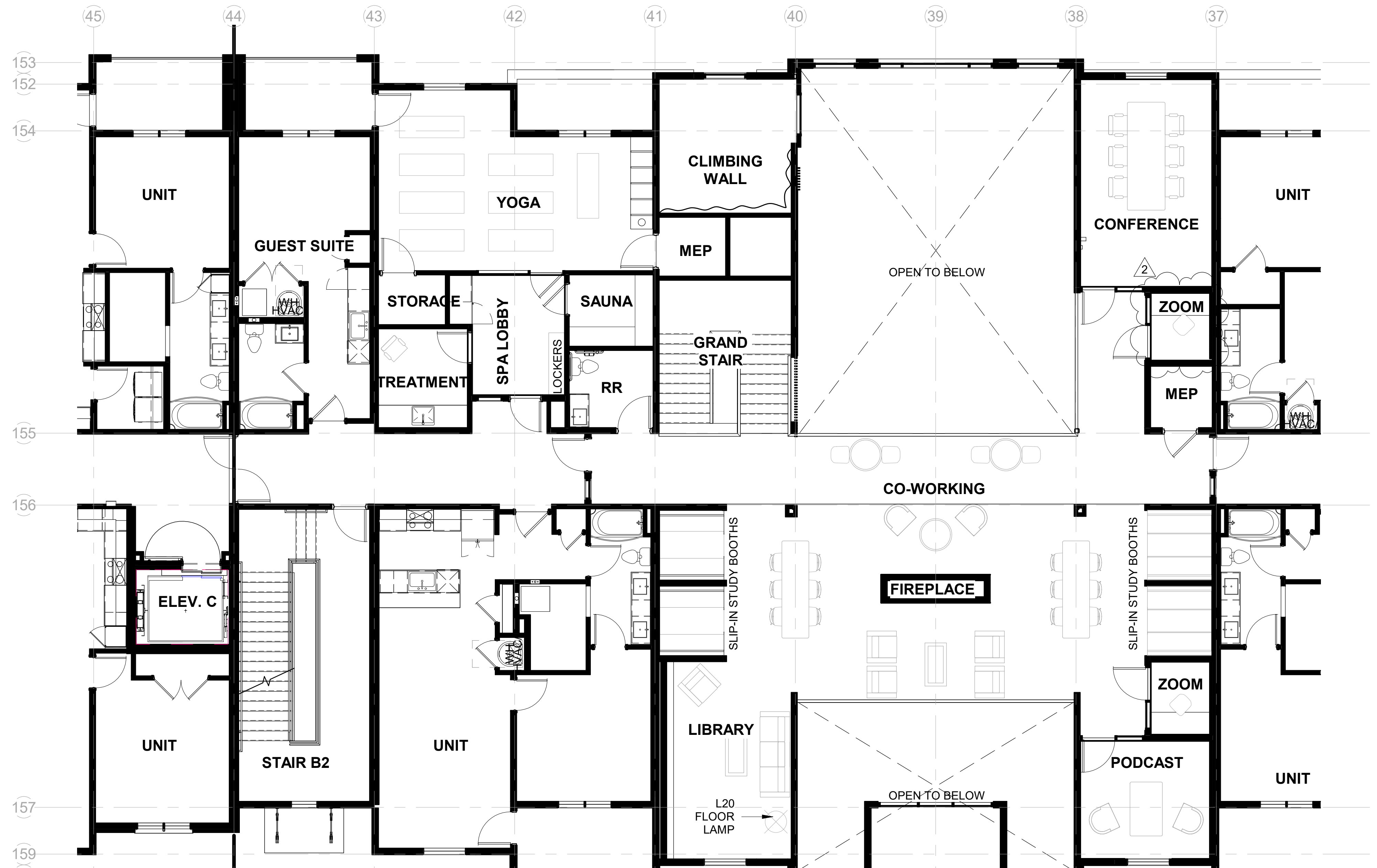
Overland Park, Kansas 66210
Telephone: (785) 233-3232
Email: lsapa@lsapa.com
LSA PROJECT NO. 2204061

JOB NO.
705921
DATE
03.15.2023
DRAWN BY
LSA CAD
4/28/2023 ADDENDUM 1/
CITY COMMENTS #2
SHEET NAME
BUILDING 2 - OVERALL
BSMT & 1ST FLOORPLAN
SHEET NO.
T1.05



1 **Level 1 - Furniture Plan**

1/8" = 1'-0"



2 **Level 2 - Furniture Plan**

1/8" = 1'-0"

PRINTS ISSUED:
04-28-2023

ISSUE STATUS:
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REVISIONS:

2	23 0428 – ADD 1/CC 2	04-28-23
1	CITY COMMENTS 1	04-11-23

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Summit Square Phase 3 (Trilogy)

Lee's Summit, Missouri

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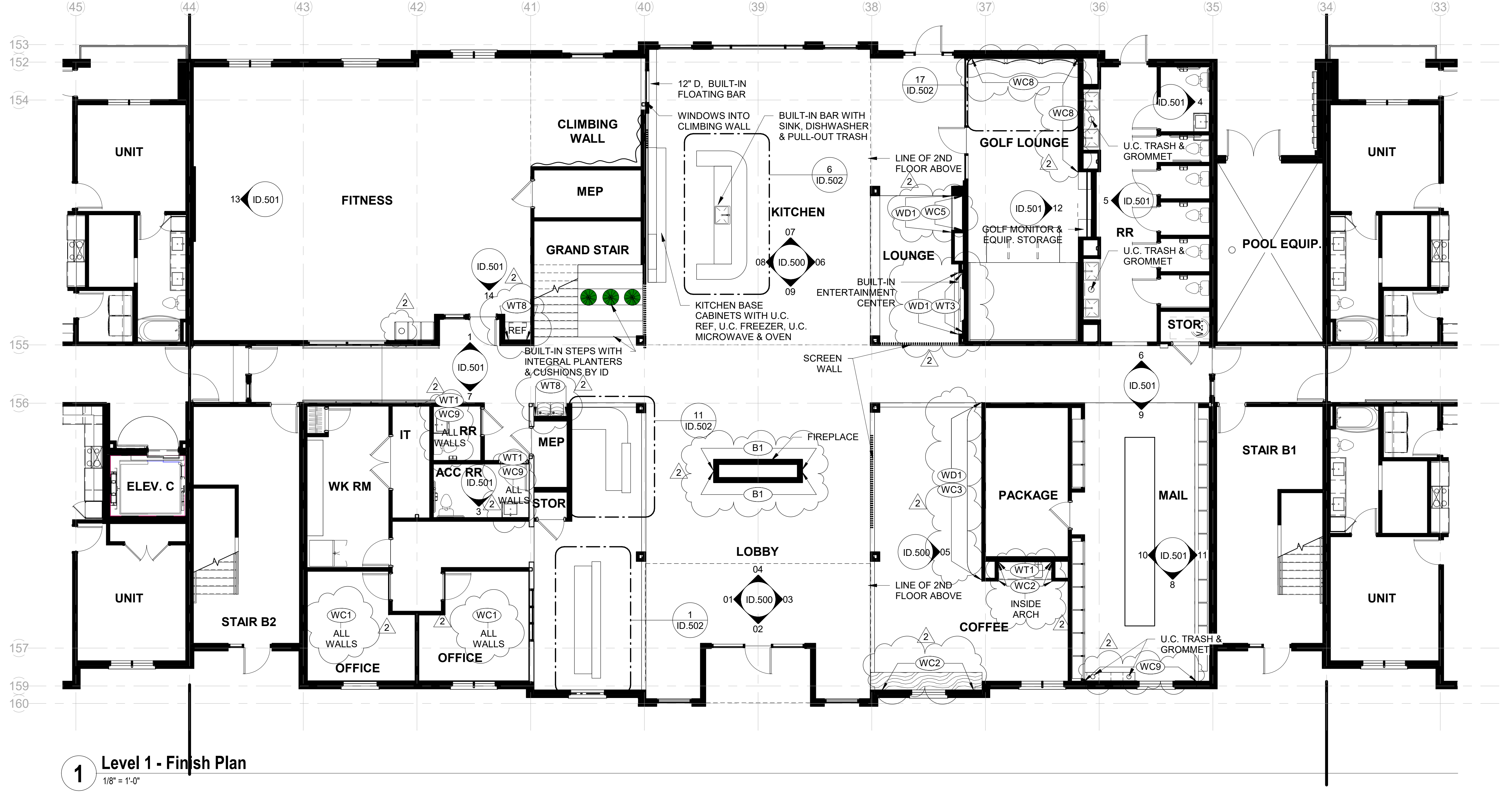
SHEET TITLE:
Clubhouse - Furniture Plans

PROJECT NUMBER: 2208

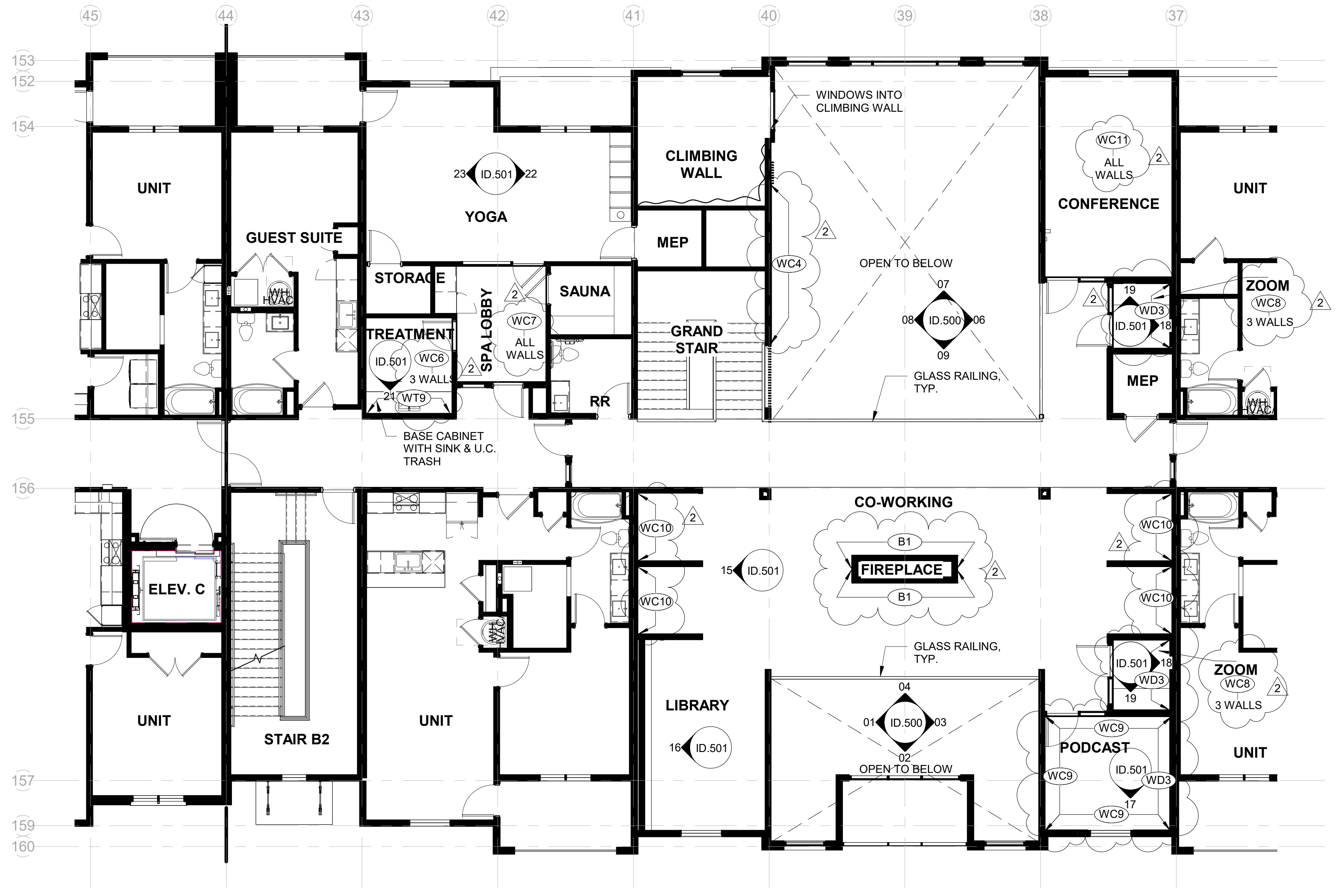
SHEET NUMBER:
ID.100.

DRAWN BY: TH CHECKED BY: EL



1 **Level 1 - Finish Plan**

1/8" = 1'-0"



2 **Level 2 - Finish Plan**

1/8" = 1'-0"

PRINTS ISSUED:
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2	23 0428 – ADD 1/CC 2	04-28-23
1	CITY COMMENTS 1	04-11-23

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Summit Square Phase 3 (Trilogy)

Lee's Summit, Missouri

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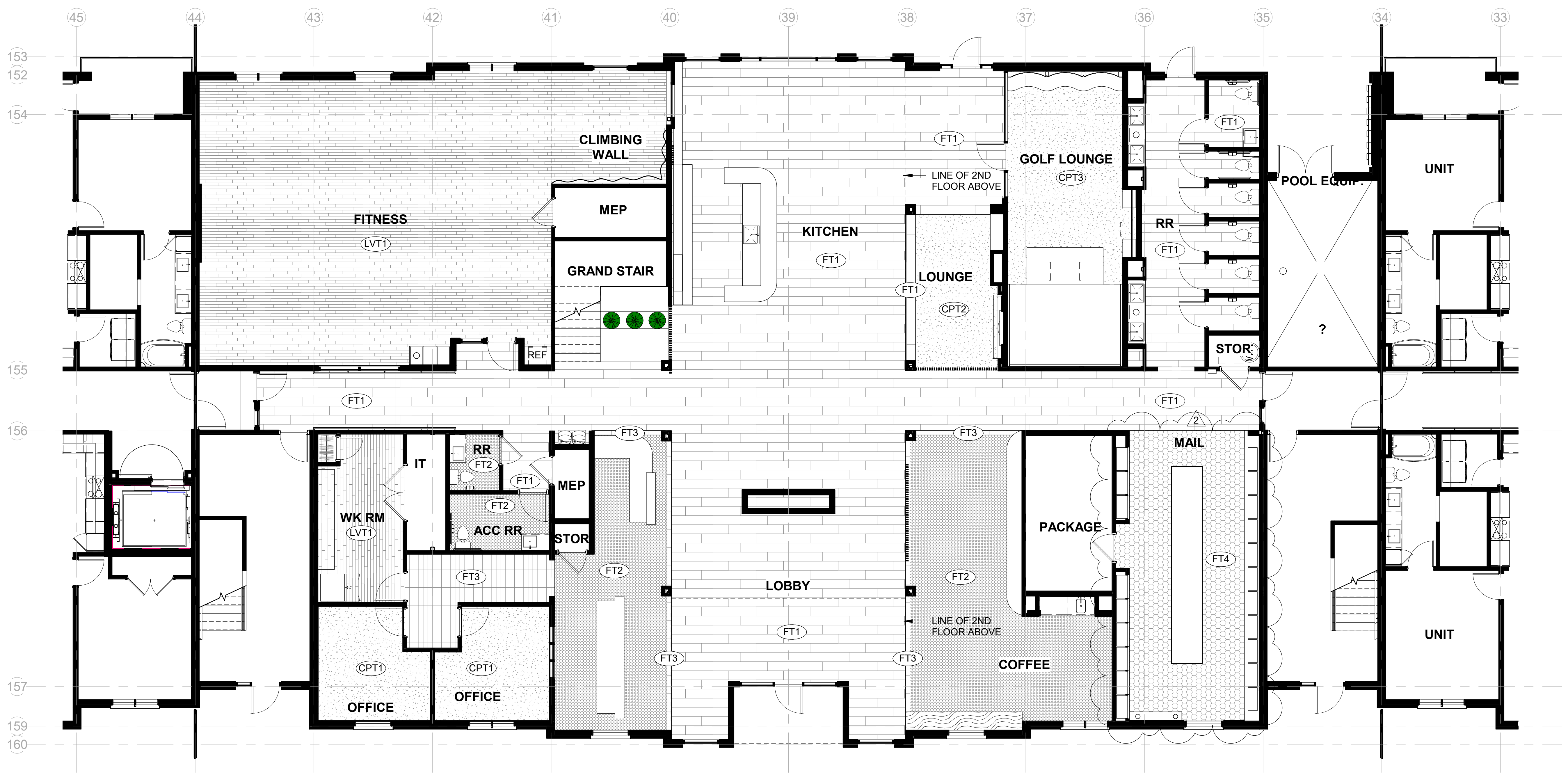
SHEET TITLE:
Clubhouse - Finish Plans

PROJECT NUMBER: 2208

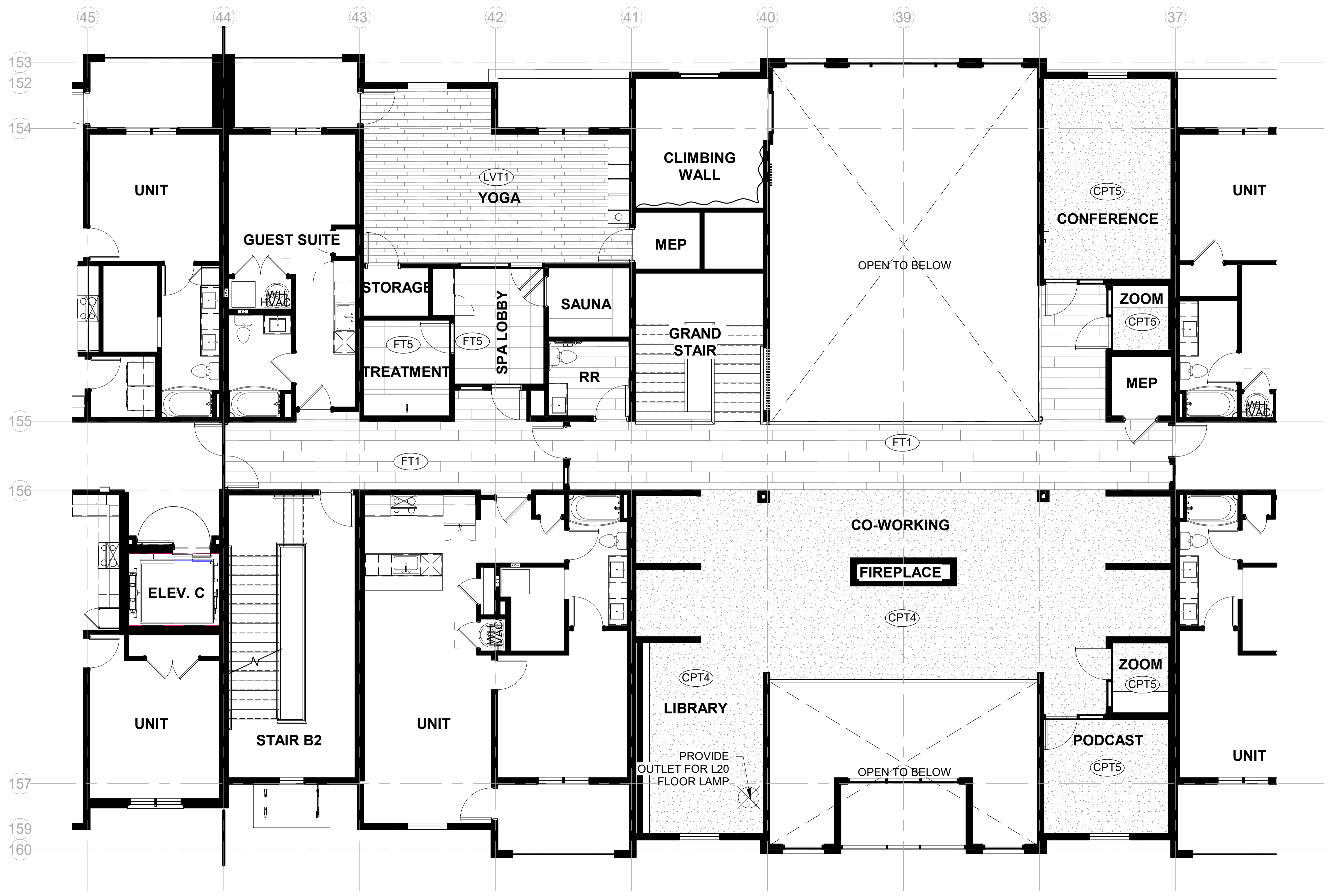
SHEET NUMBER:
ID.200.

DRAWN BY: TH CHECKED BY: EL



Level 1 - Flooring Plan

1/8" = 1'-0"



Level 2 - Flooring Plan

1/8" = 1'-0"

PRINTS ISSUED:
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ISSUE STATUS:
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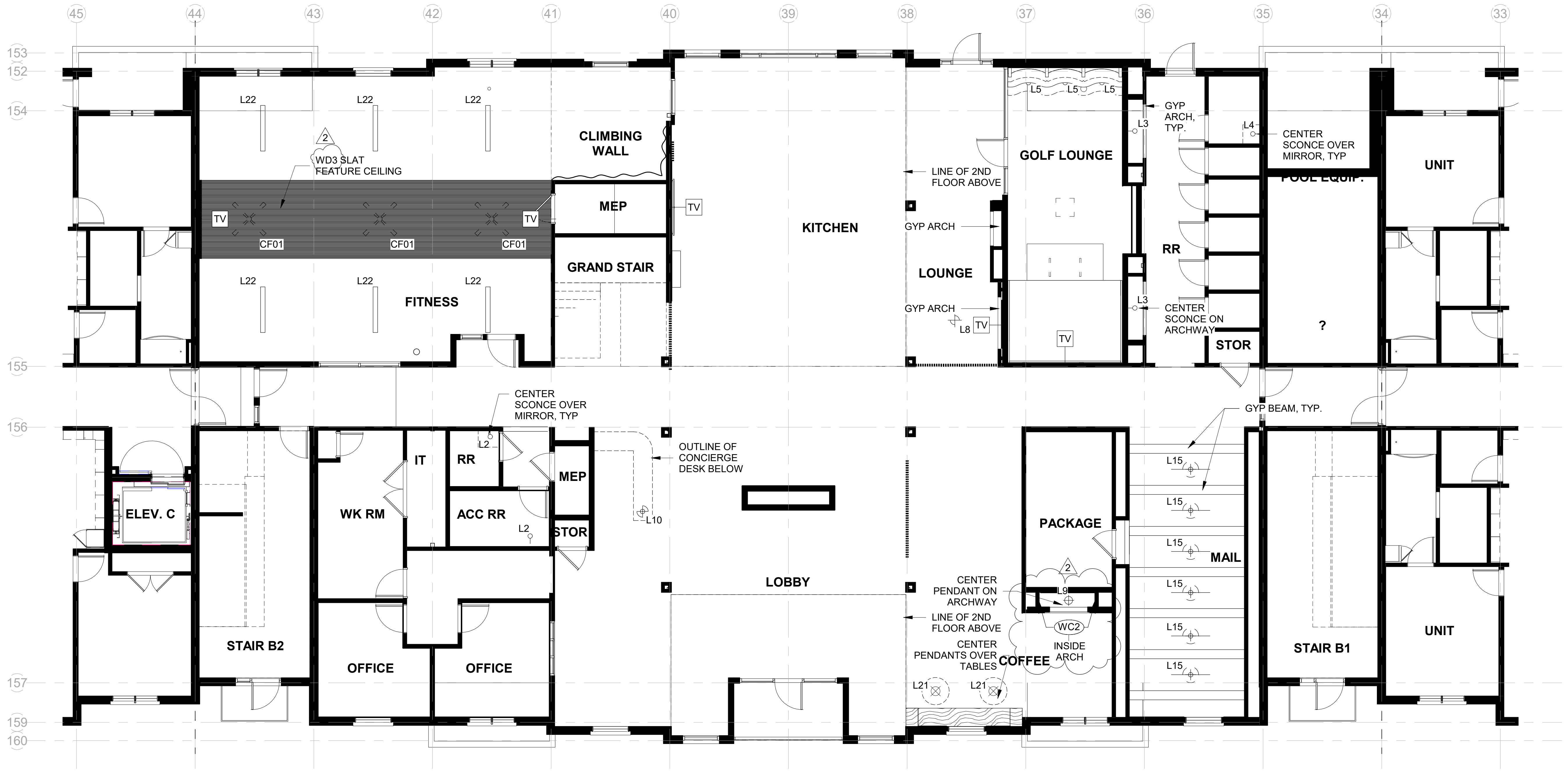
SHEET TITLE:
Clubhouse - Flooring Plans

PROJECT NUMBER: 2208

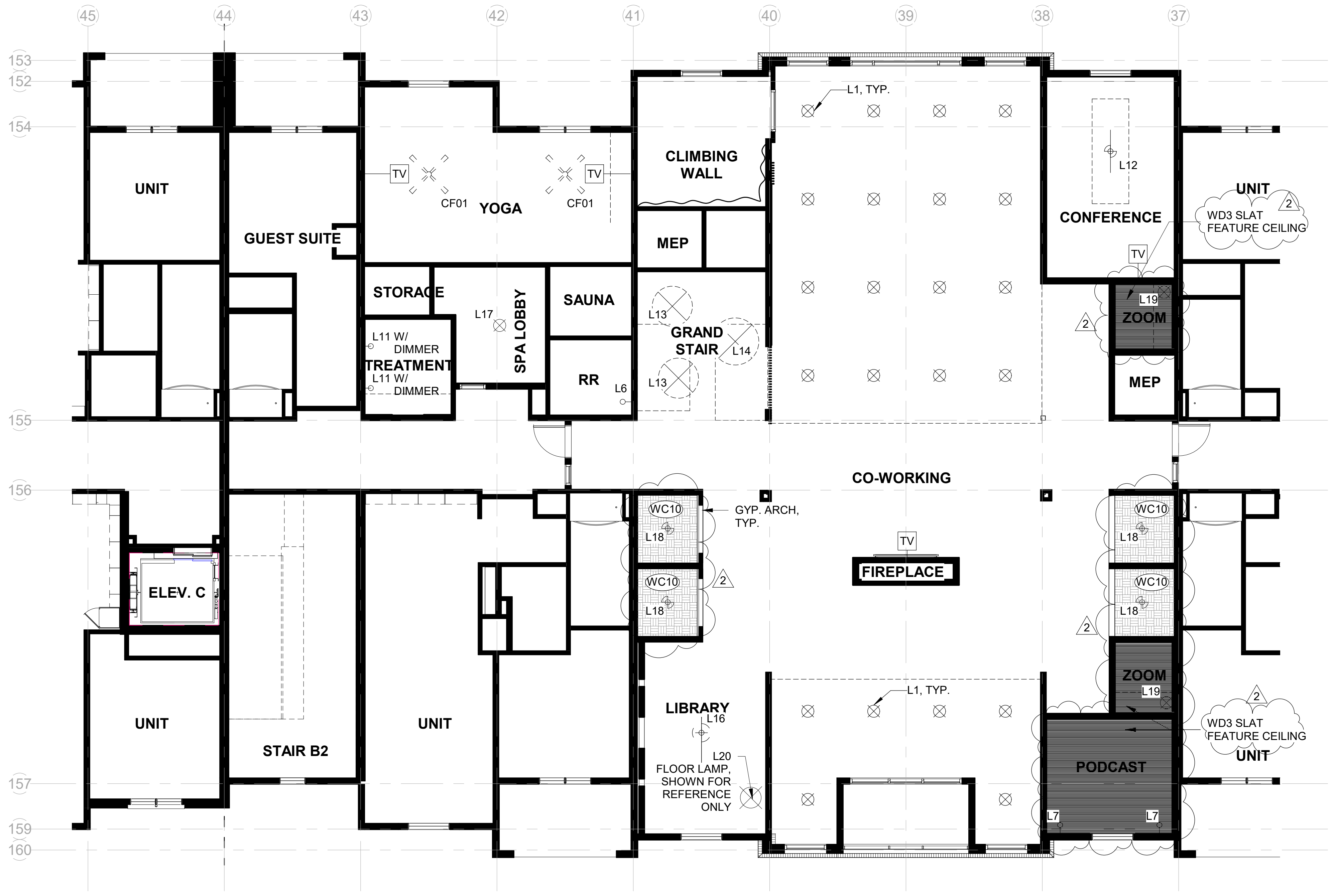
SHEET NUMBER:
ID.300.

DRAWN BY: TH CHECKED BY: EL



1 Level 1 - Ceiling Plan

1/8" = 1'-0"



2 Level 2 - Ceiling Plan

1/8" = 1'-0"

PRINTS ISSUED:
04-28-2023

ISSUE STATUS:
ADD 1/CC 2

REVISIONS:

2	23 0428 – ADD 1/CC 2	04-28-23
1	CITY COMMENTS 1	04-11-23

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Summit Square Phase 3 (Trilogy)

Lee's Summit, Missouri

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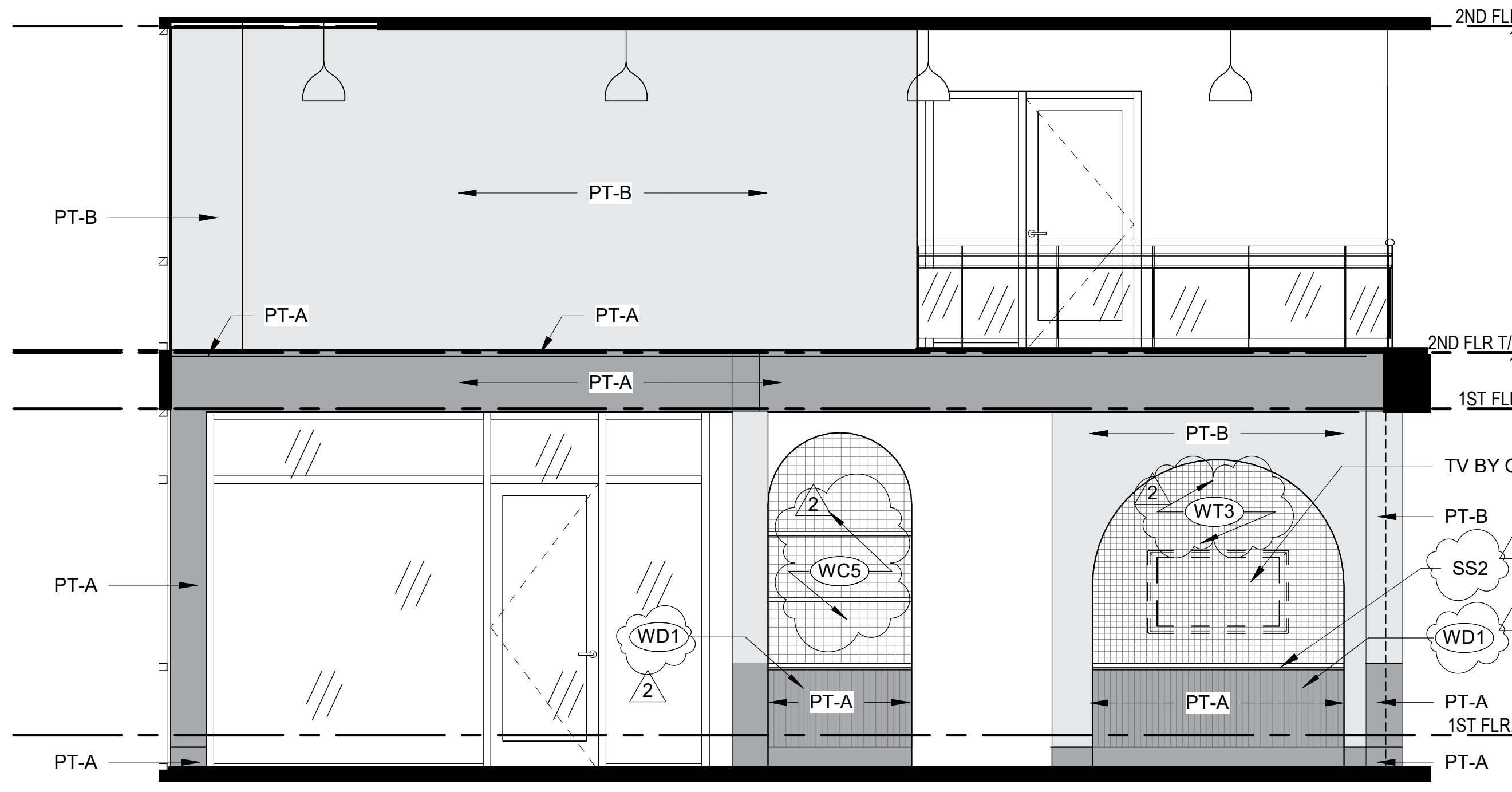
SHEET TITLE:
Clubhouse - Decorative Ceiling & Lighting

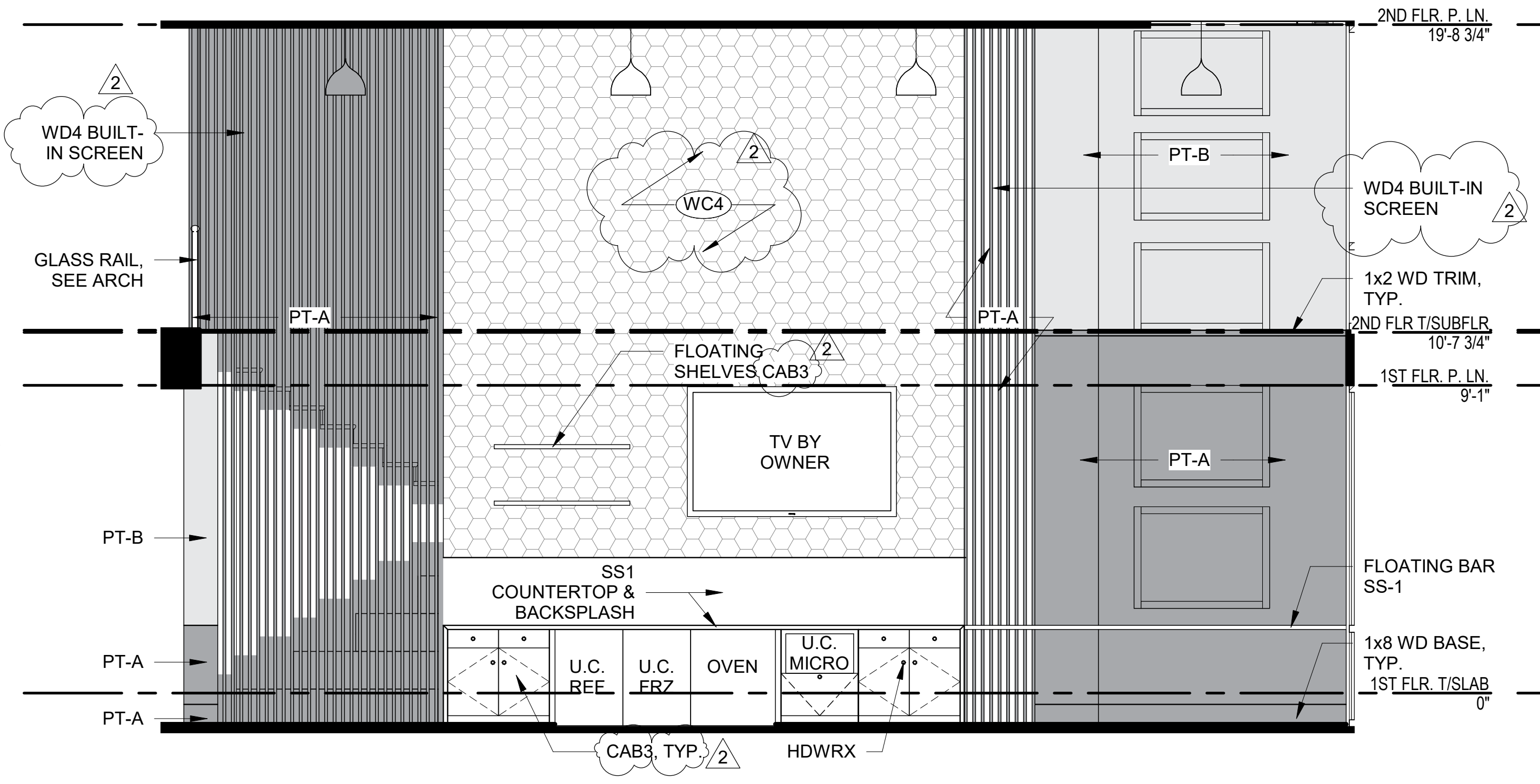
PROJECT NUMBER: 2208

SHEET NUMBER:
ID.400.

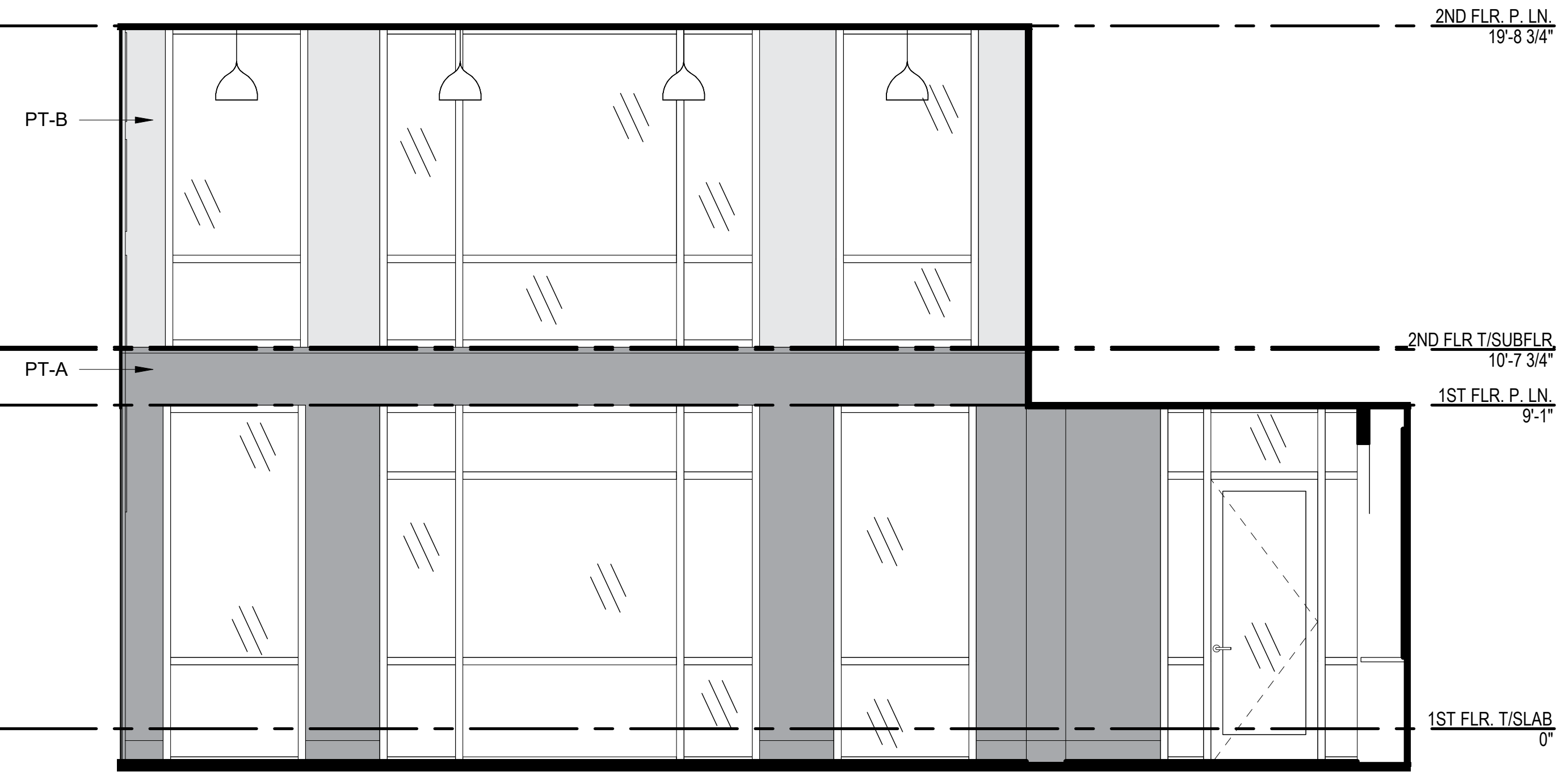
DRAWN BY: TH CHECKED BY: EL



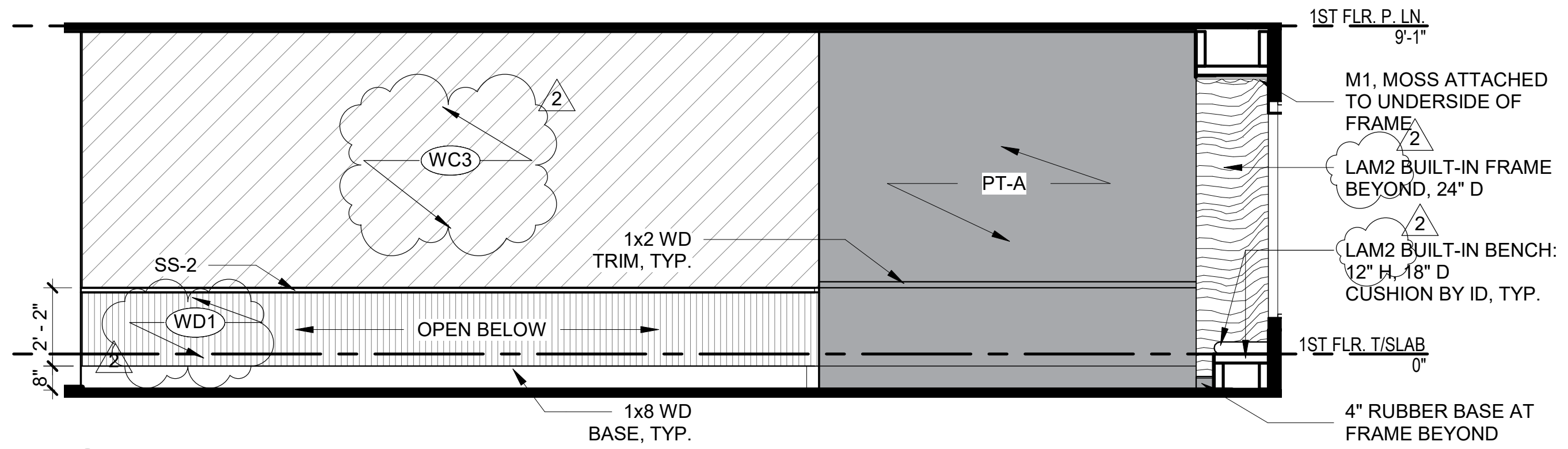
06 **Level 1 - Lounge**
1/4" = 1'-0"



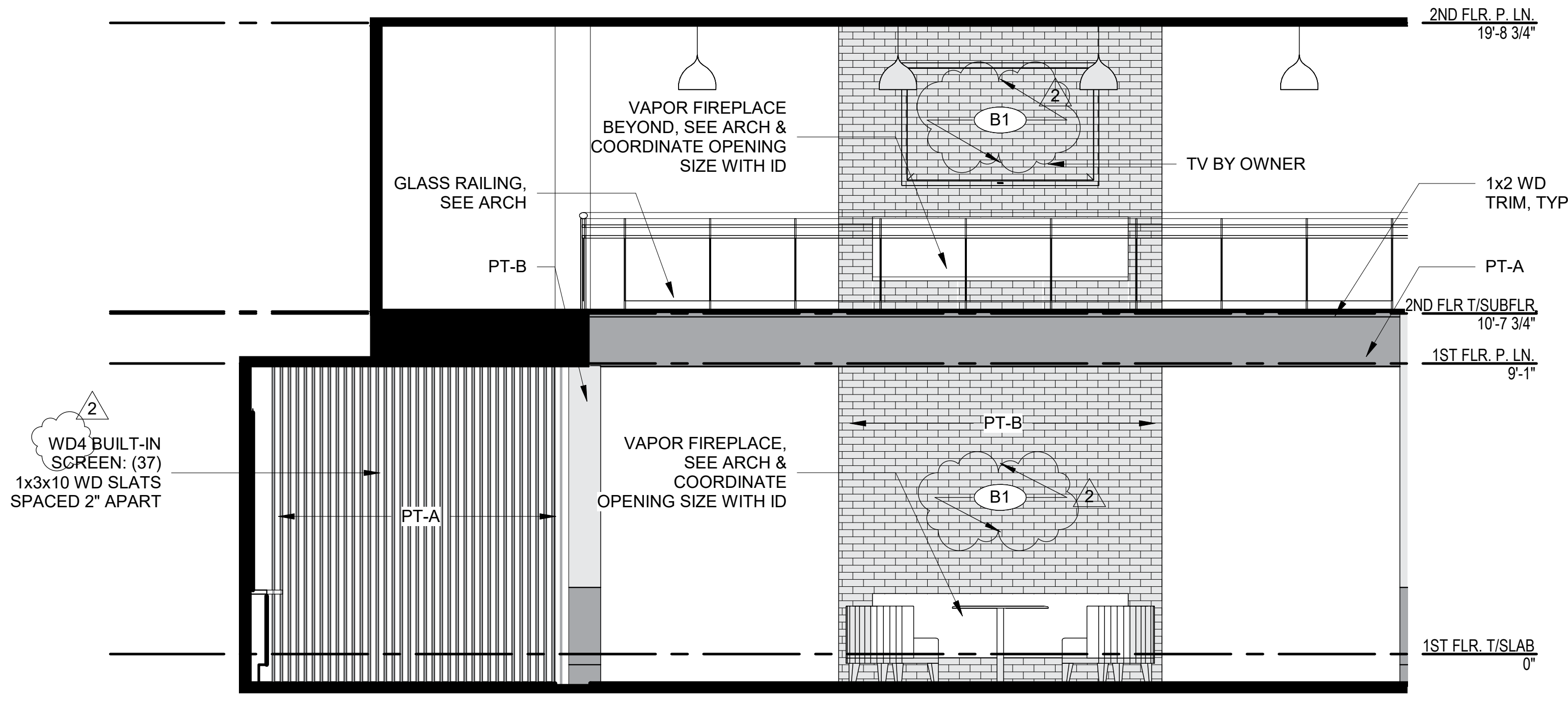
08 **Level 1 - Two Story Mural Wall**
1/4" = 1'-0"



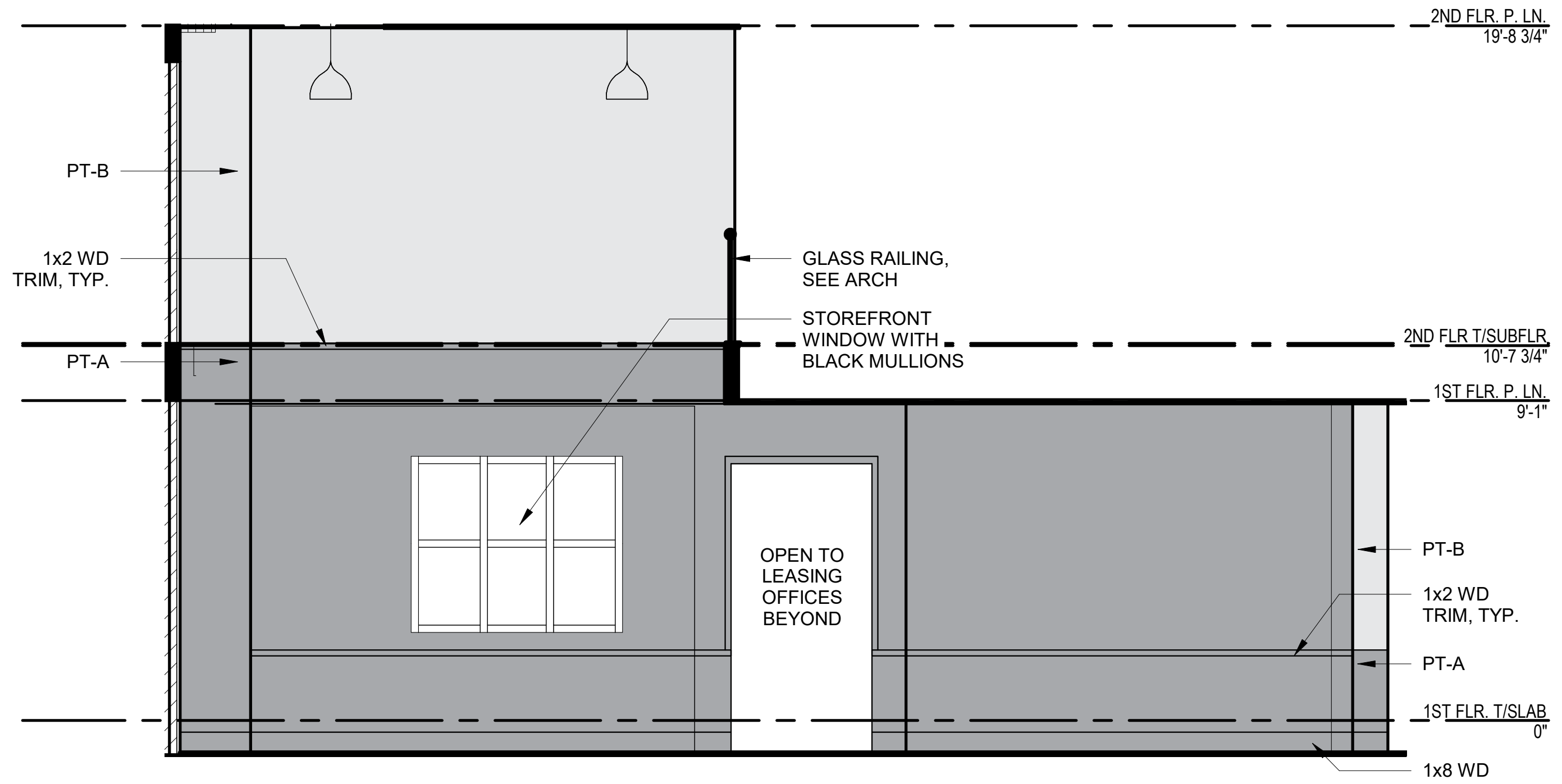
07 **Level 1 - Two Story Kitchen**
1/4" = 1'-0"


WC3
2
PT-A
SS-2
1x2 WD TRIM, TYP.
WD1
OPEN BELOW
2' - 2"
8"
1x8 WD BASE, TYP.
1ST FLR. P. LN.
9'-1"
M1, MOSS ATTACHED TO UNDERSIDE OF FRAME
LAM2 BUILT-IN FRAME BEYOND, 24" D
LAM2 BUILT-IN BENCH: 12" H, 18" D CUSHION BY ID, TYP.
1ST FLR. T/SLAB
0"
4" RUBBER BASE AT FRAME BEYOND

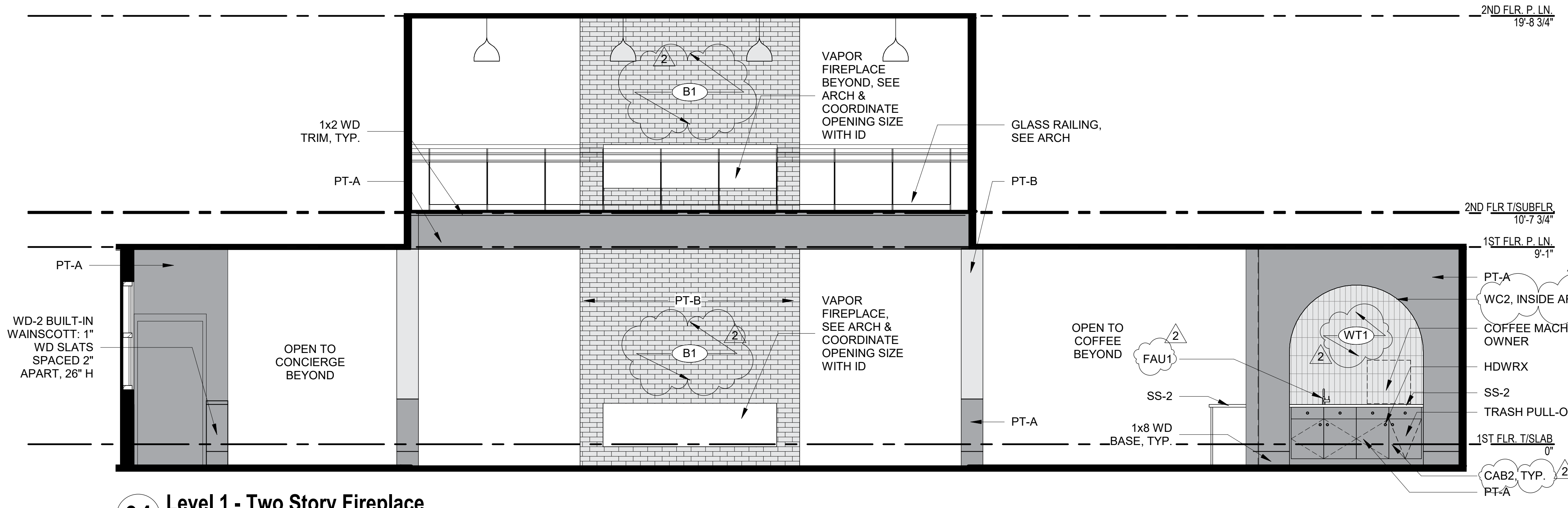
05 **Level 1 - Coffee**
1/4" = 1'-0"


VAPOR FIREPLACE BEYOND, SEE ARCH & COORDINATE OPENING SIZE WITH ID
B1
TV BY OWNER
GLASS RAILING, SEE ARCH
1x2 WD TRIM, TYP.
PT-B
PT-A
WD4 BUILT-IN SCREEN: (37) 1x3x10 WD SLATS SPACED 2" APART
PT-A
PT-B
VAPOR FIREPLACE, SEE ARCH & COORDINATE OPENING SIZE WITH ID
B1
2
2ND FLR. P. LN.
19'-8 3/4"
2ND FLR T/SUBFLR
10'-7 3/4"
1ST FLR. P. LN.
9'-1"
1ST FLR. T/SLAB
0"

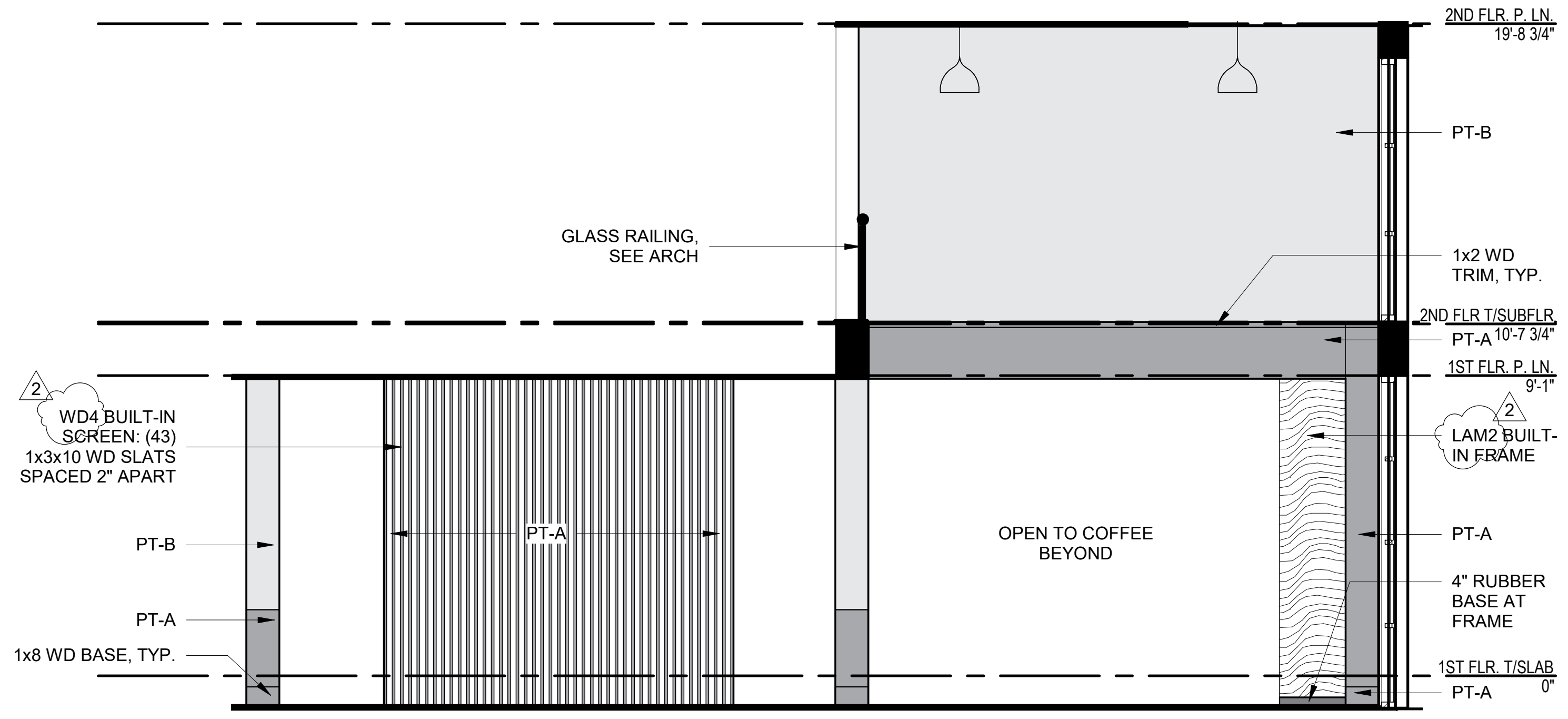
09 **Level 1 - Two Story Fireplace 2**
1/4" = 1'-0"



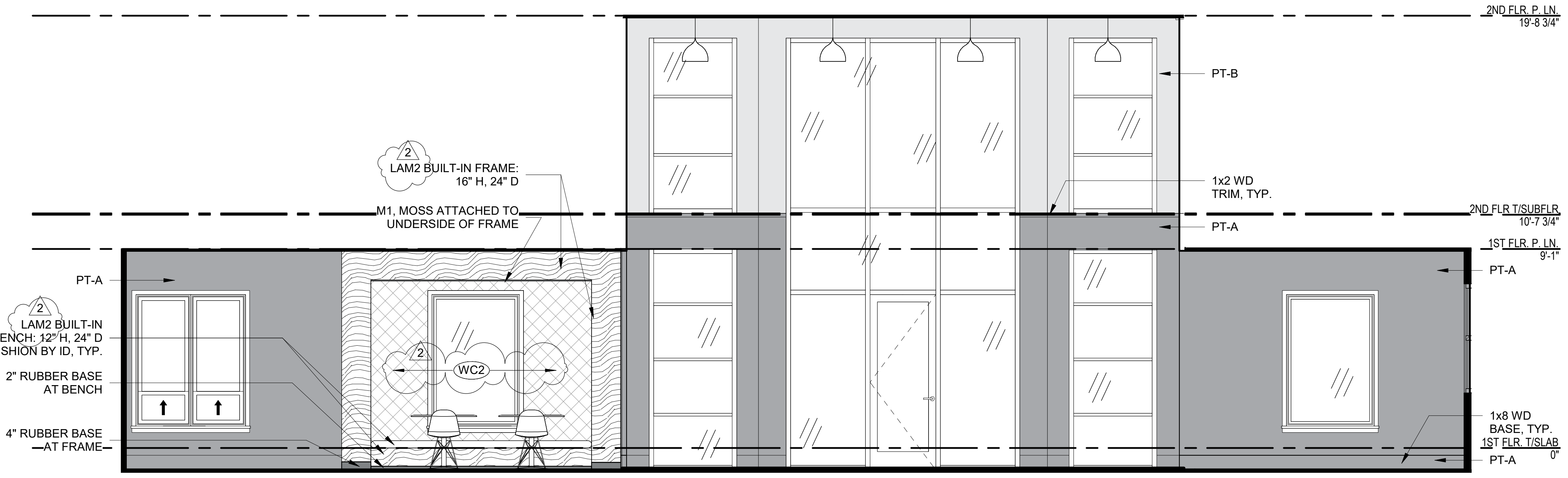
01 **Level 1 - Leasing**
1/4" = 1'-0"



04 **Level 1 - Two Story Fireplace**
1/4" = 1'-0"



03 **Level 1 - Lobby Screen**
1/4" = 1'-0"



02 **Level 1 - Two Story Entrance**
1/4" = 1'-0"

PRINTS ISSUED:
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2	23 0428 – ADD 1/CC 2	04-28-23
1	CITY COMMENTS 1	04-11-23

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Summit Square Phase 3 (Trilogy)

Lee's Summit, Missouri

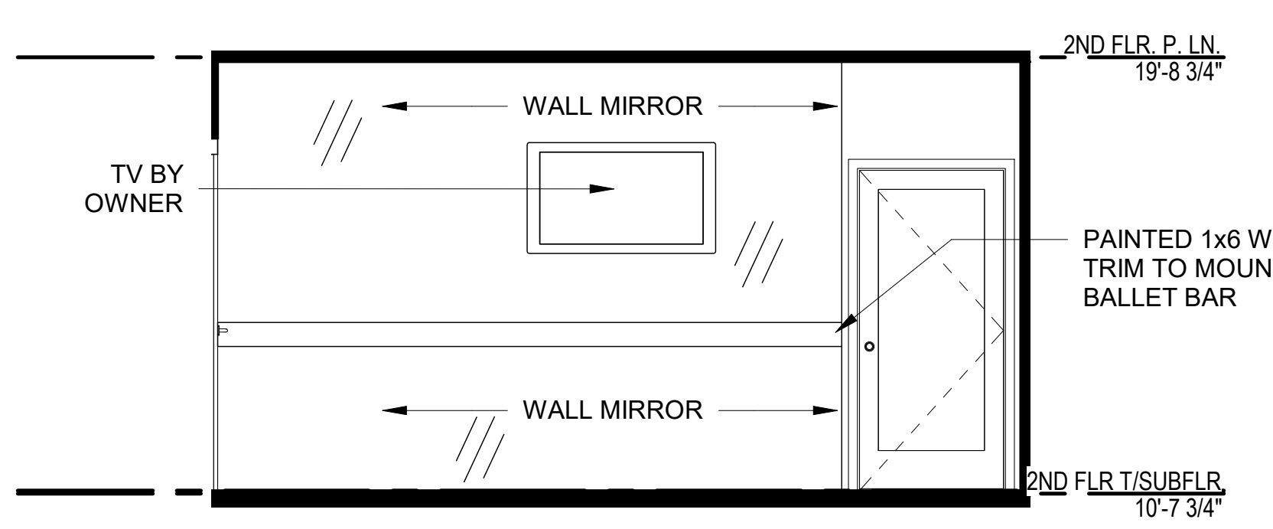
1

SHEET TITLE:
Clubhouse - Interior Elevations

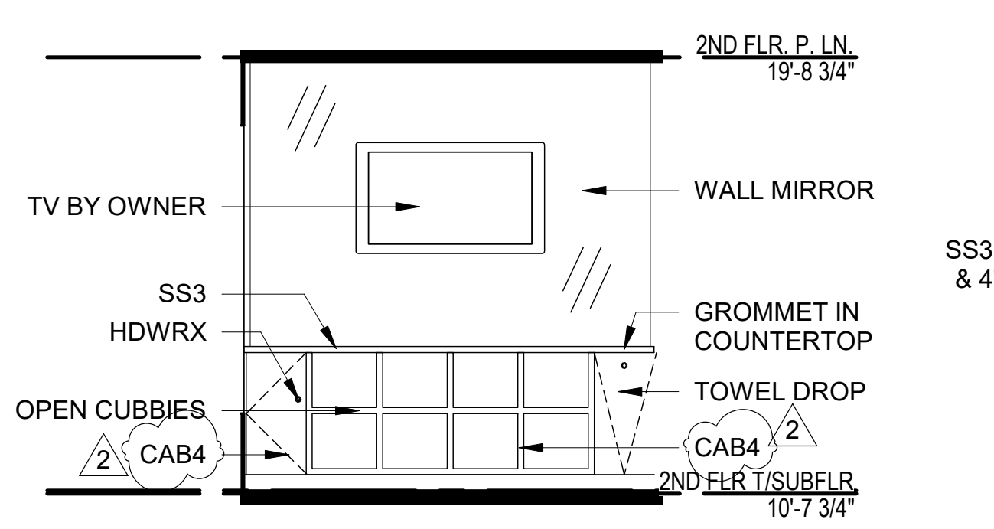
PROJECT NUMBER: 2208

SHEET NUMBER:
ID.500.

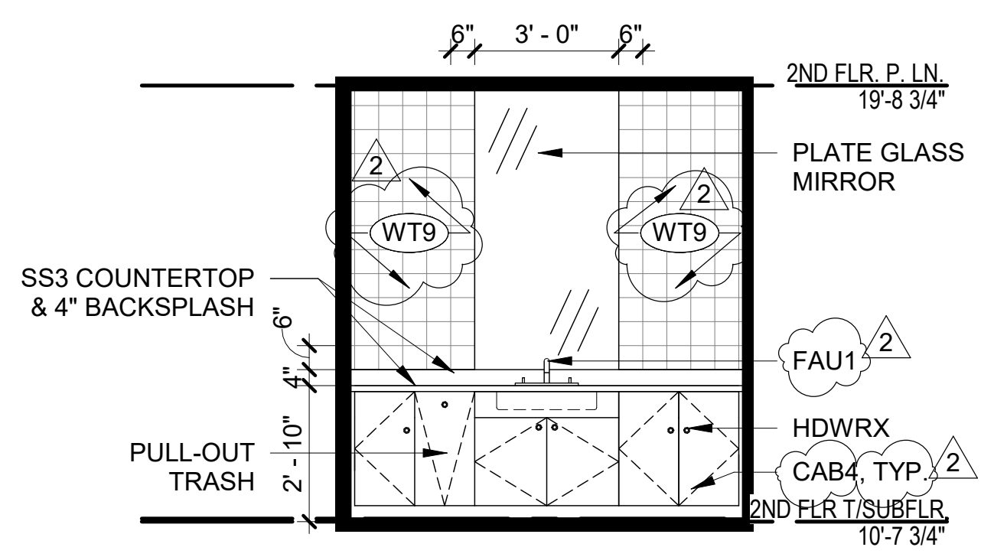
DRAWN BY: TH CHECKED BY: EL



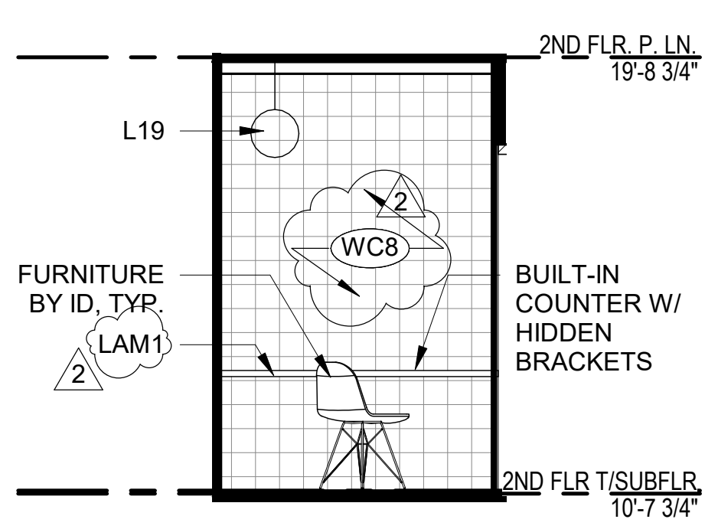
23 Level 2 - Wellness Yoga
1/4" = 1'-0"



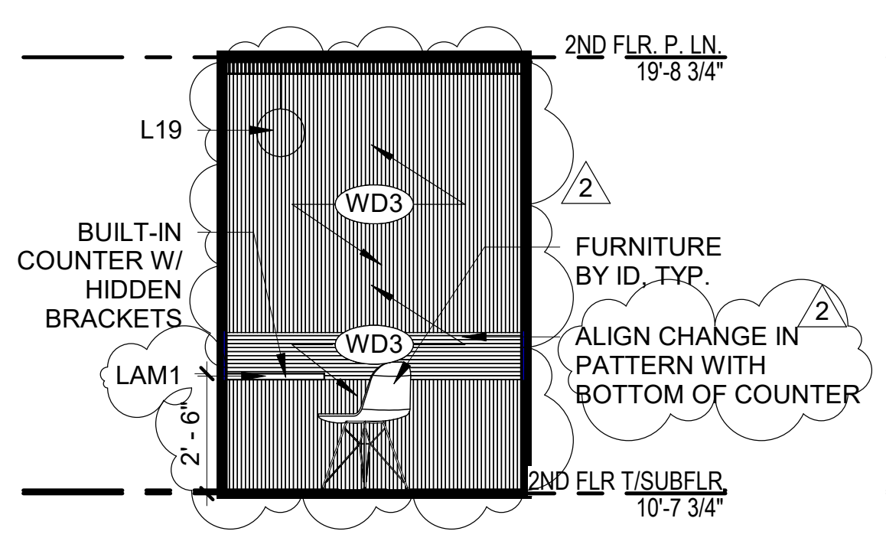
22 Level 2 - Yoga Towel Drop
1/4" = 1'-0"



21 Level 2 - Wellness Treatment
1/4" = 1'-0"

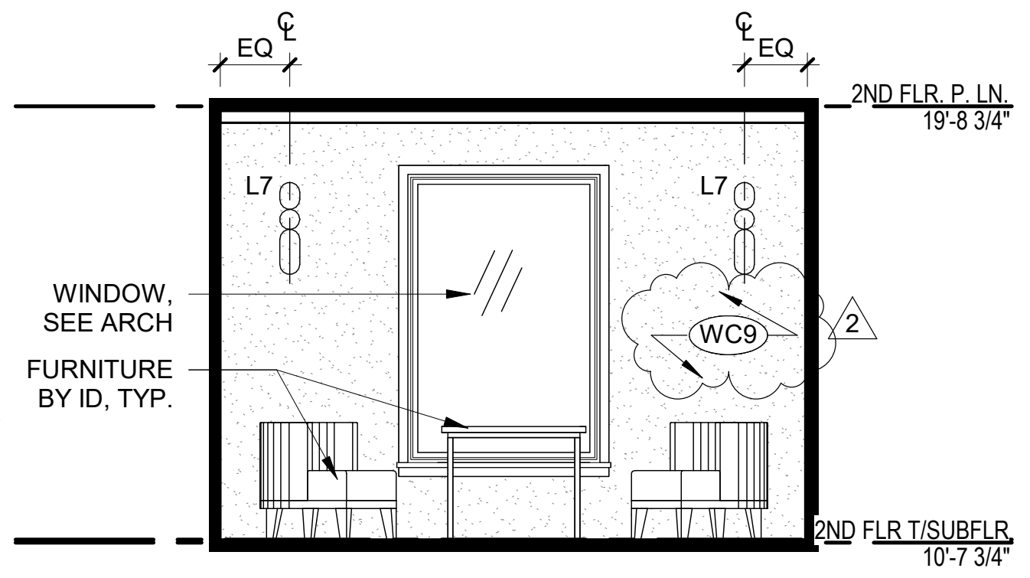


19 Level 2 - Zoom Room 2
1/4" = 1'-0"

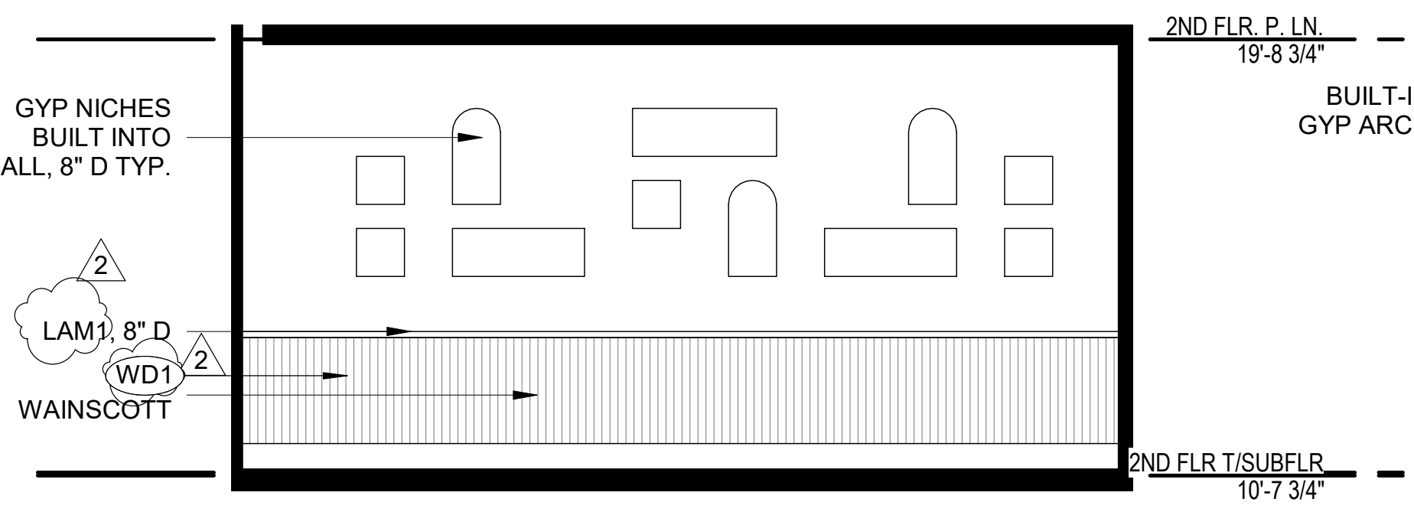


L19
BUILT-IN COUNTER W/ HIDDEN BRACKETS
LAM1
WD3
WD3
FURNITURE BY ID, TYP.
ALIGN CHANGE IN PATTERN WITH BOTTOM OF COUNTER

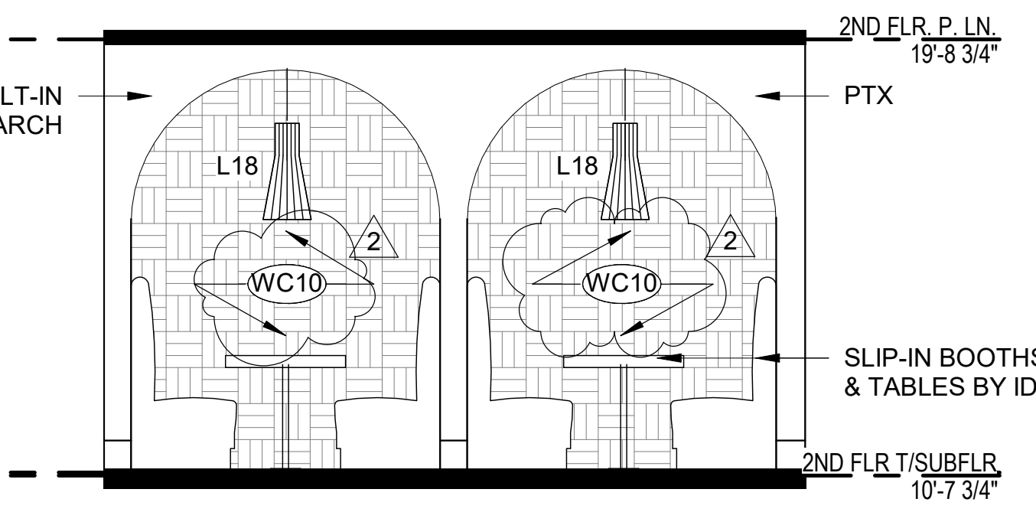
18 Level 2 - Zoom Room 1
1/4" = 1'-0"



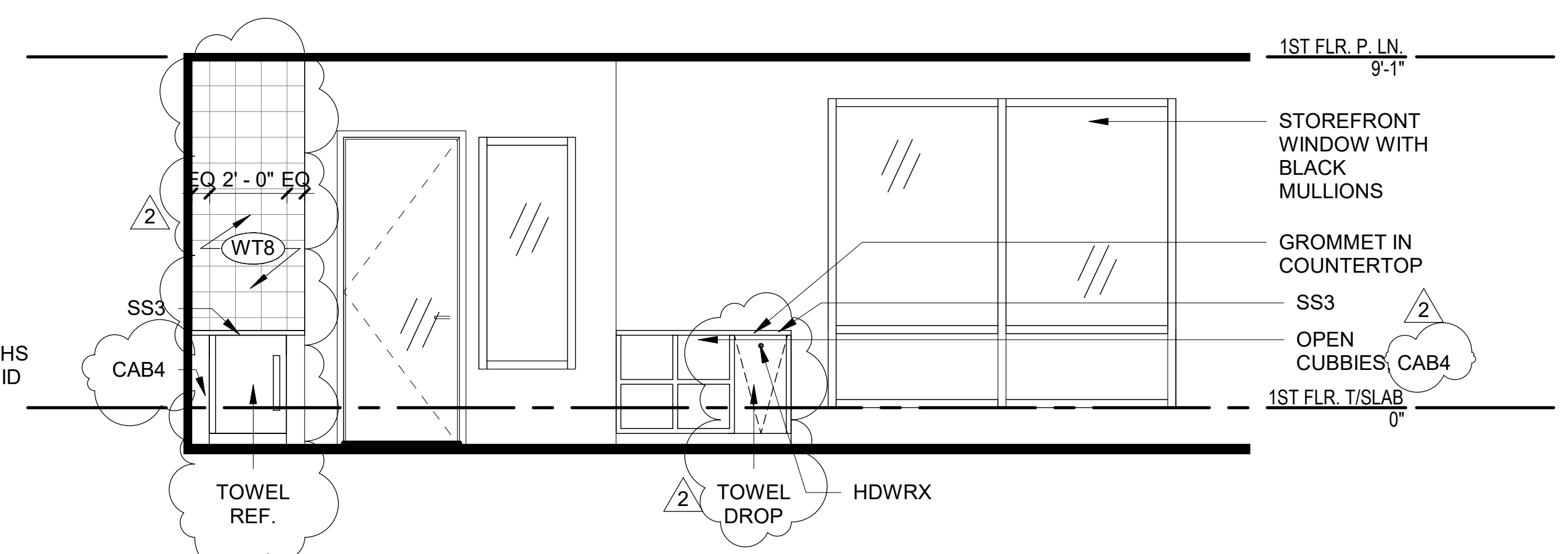
17 Level 2 - Podcast
1/4" = 1'-0"



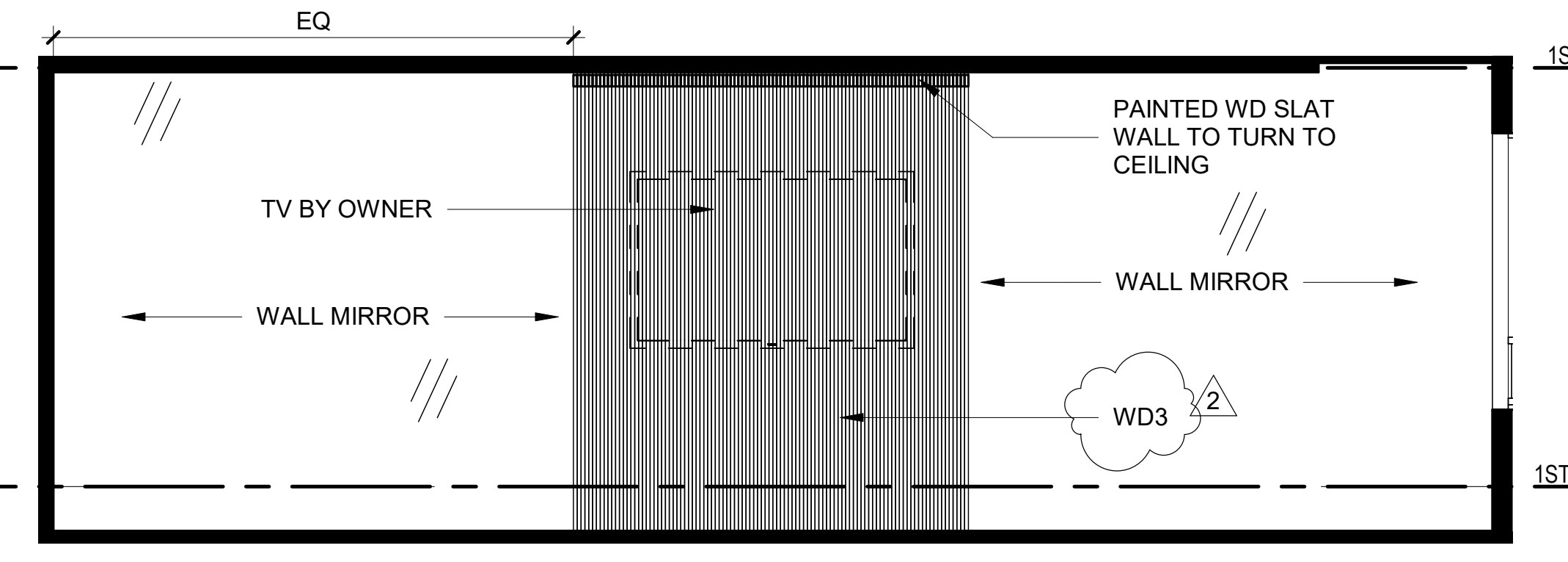
16 Level 2 - Library
1/4" = 1'-0"



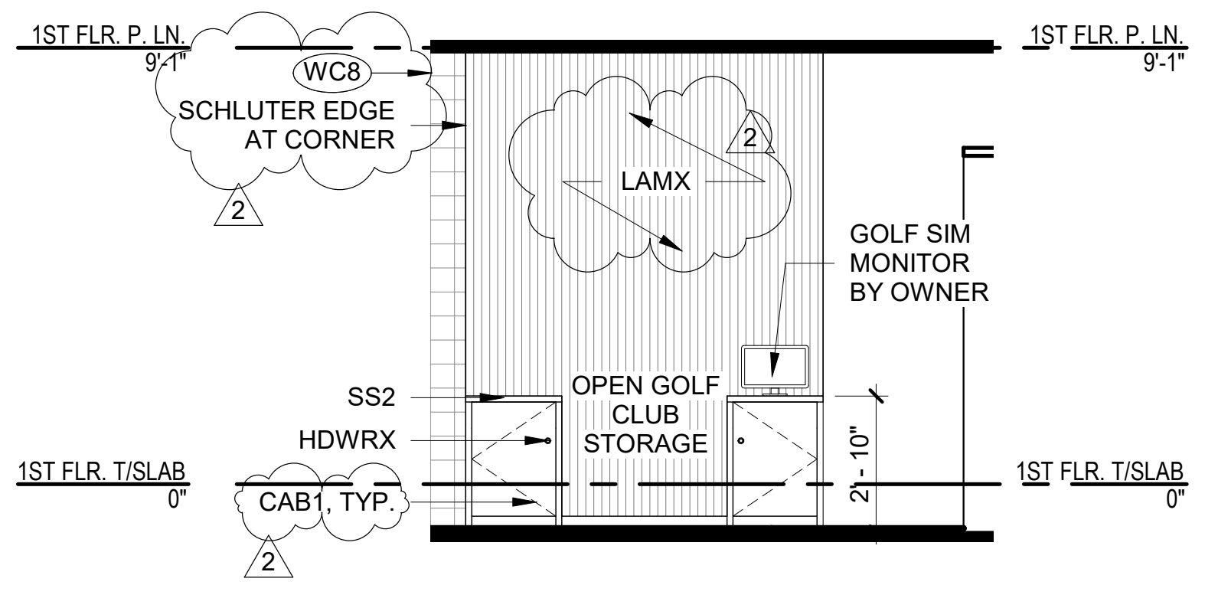
15 Level 2 - CoWork Study Booths
1/4" = 1'-0"



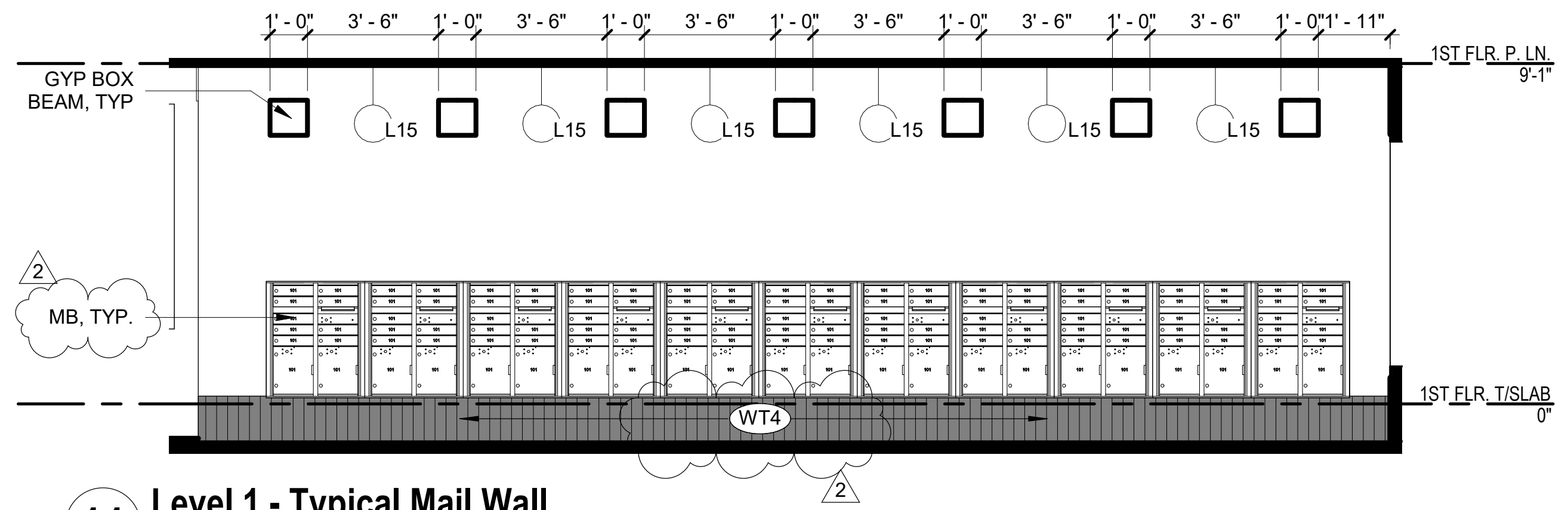
14 Level 1 - Fitness Towel Drop
1/4" = 1'-0"



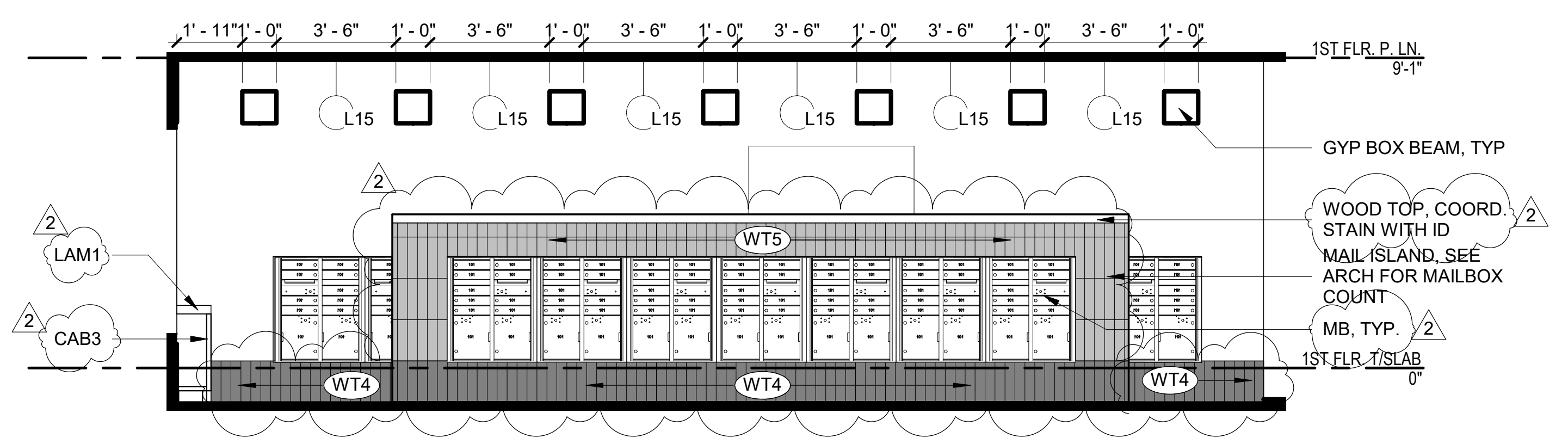
13 Level 1 - Fitness Feature Wall
1/4" = 1'-0"



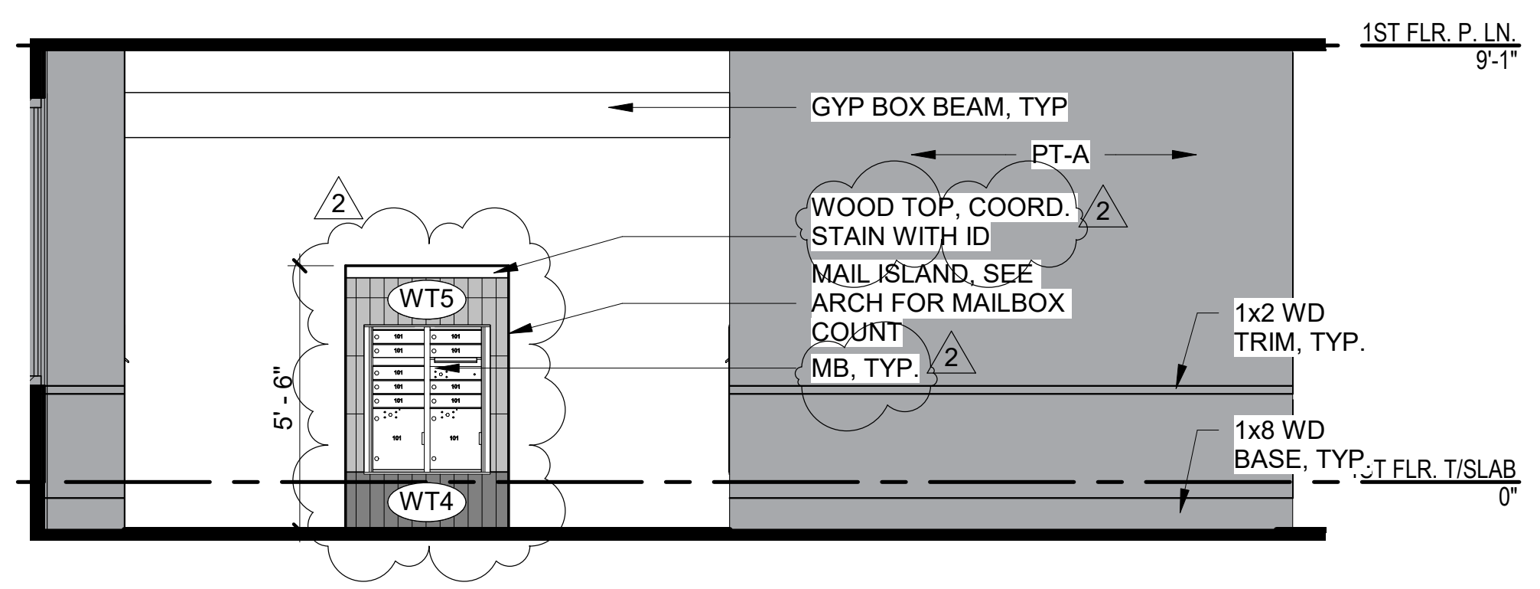
12 Level 1 - Golf Equipment
1/4" = 1'-0"



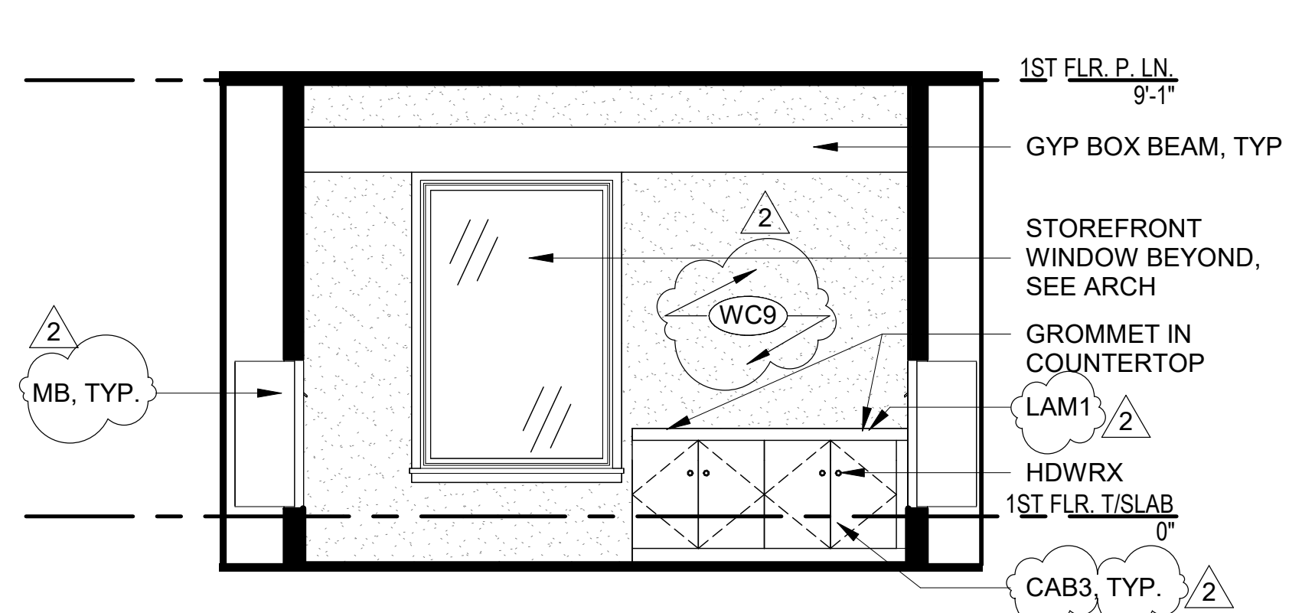
11 Level 1 - Typical Mail Wall
1/4" = 1'-0"



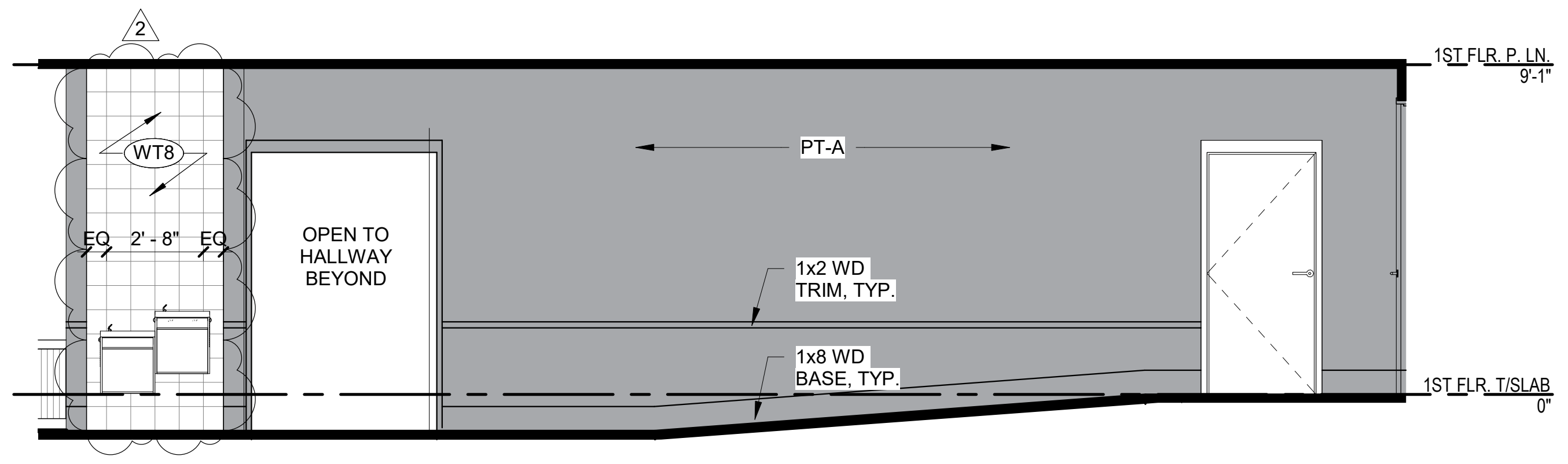
10 Level 1 - Mail Island
1/4" = 1'-0"



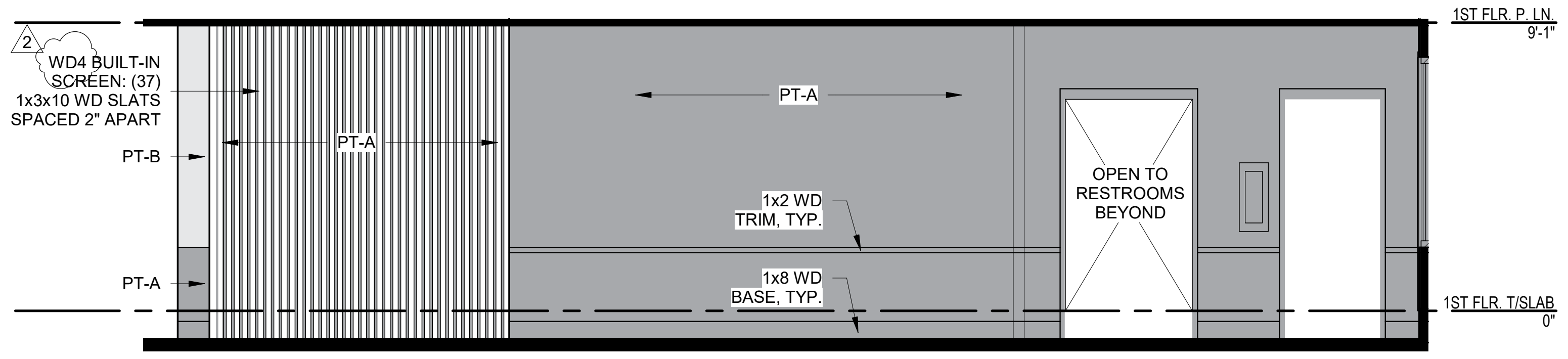
9 Level 1 - Corridor 4
1/4" = 1'-0"



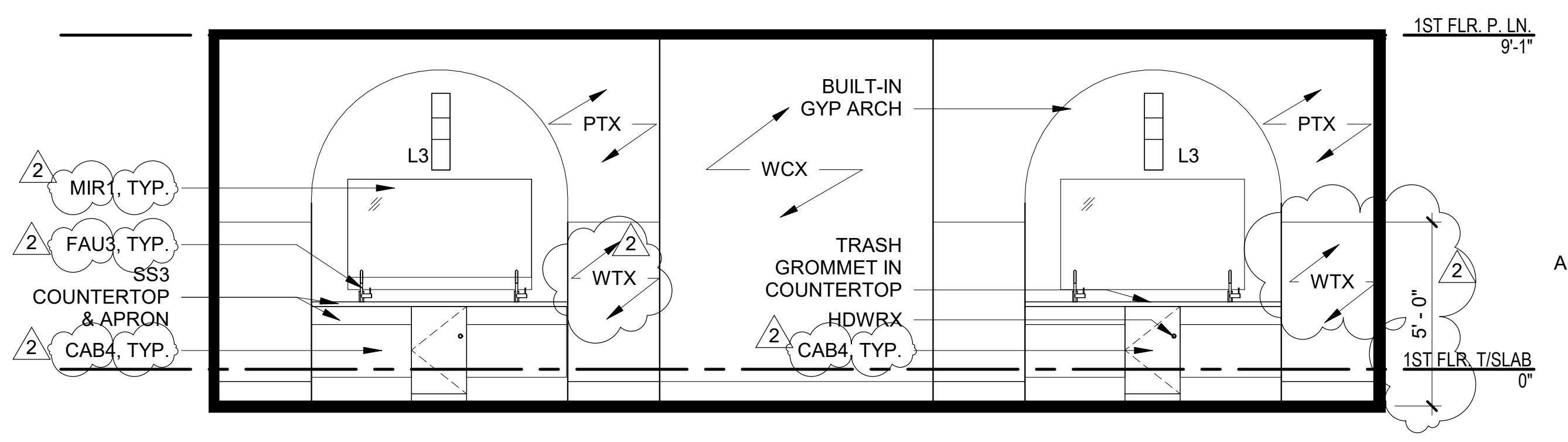
8 Level 1 - Mail Trash Drop
1/4" = 1'-0"



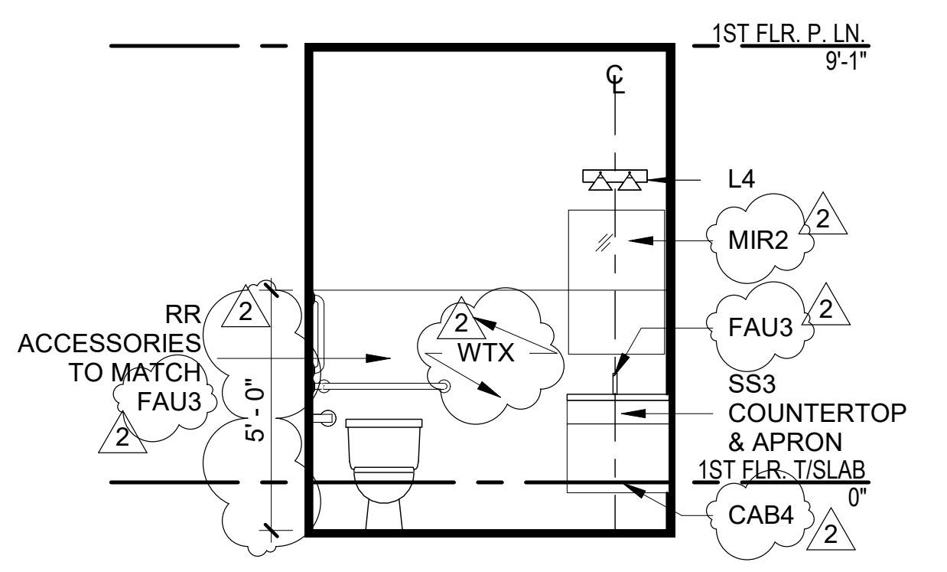
7 Level 1 - Corridor 3
1/4" = 1'-0"



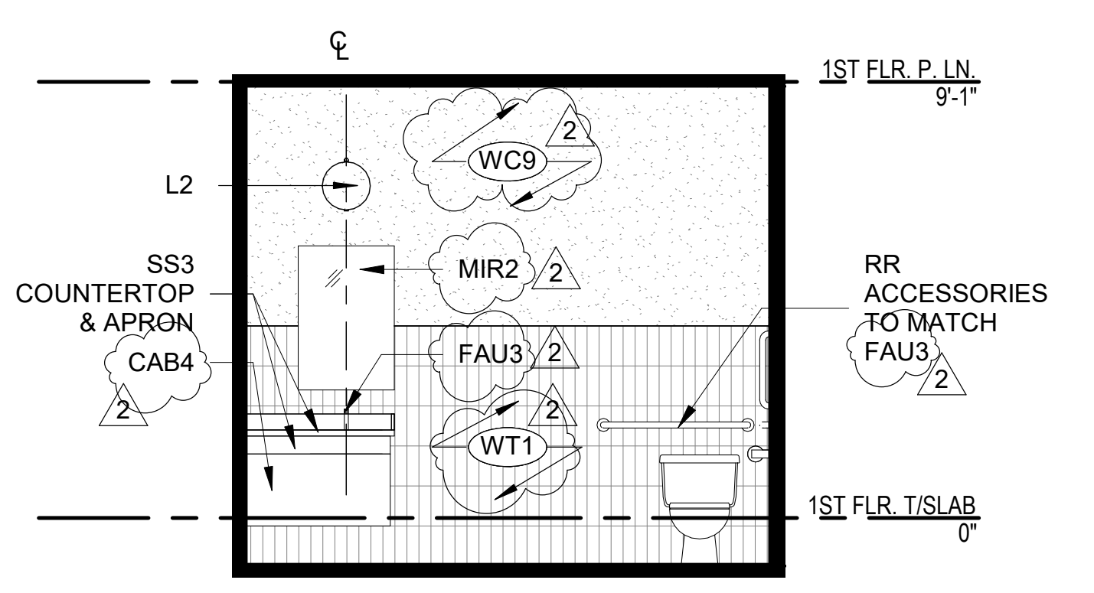
6 Level 1 - Corridor 2
1/4" = 1'-0"



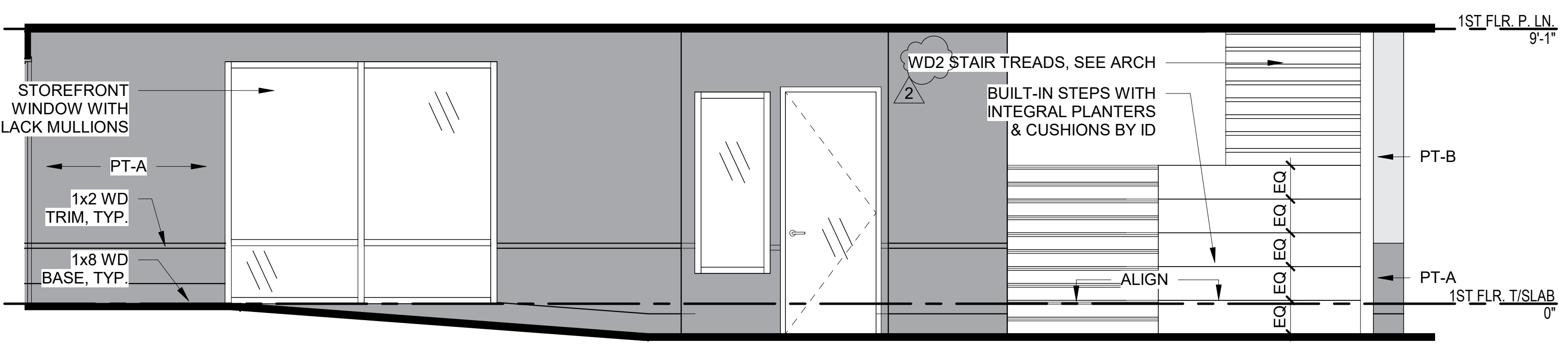
5 Level 1 - RR Vanity
1/4" = 1'-0"



4 Level 1 - ADA RR
1/4" = 1'-0"



3 Level 1 - ACC RR
1/4" = 1'-0"



STOREFRONT WINDOW WITH BLACK MULLIONS
PT-A
1x2 WD TRIM, TYP.
1x8 WD BASE, TYP.
WD2 STAIR TREADS, SEE ARCH
BUILT-IN STEPS WITH INTEGRAL PLANTERS & CUSHIONS BY ID
ALIGN
EQ EQ EQ EQ
PT-B
PT-A

1 Level 1 - Corridor 1
1/4" = 1'-0"

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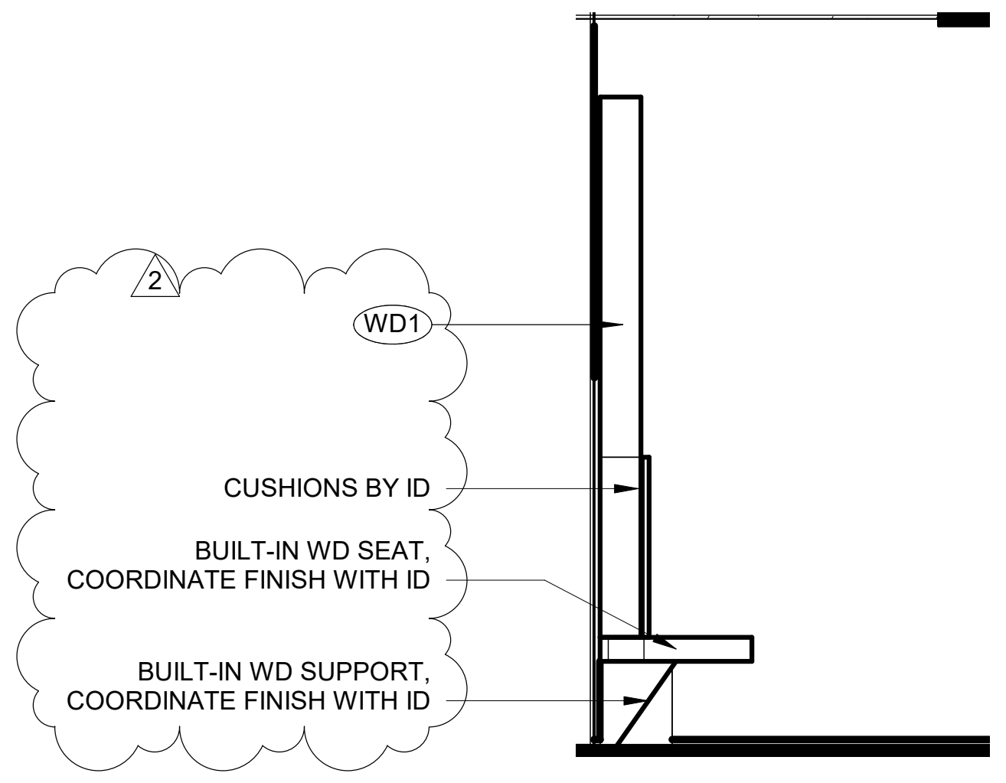
Summit Square Phase 3 (Trilogy)
Lee's Summit, Missouri

SHEET TITLE:
Clubhouse - Interior Elevations

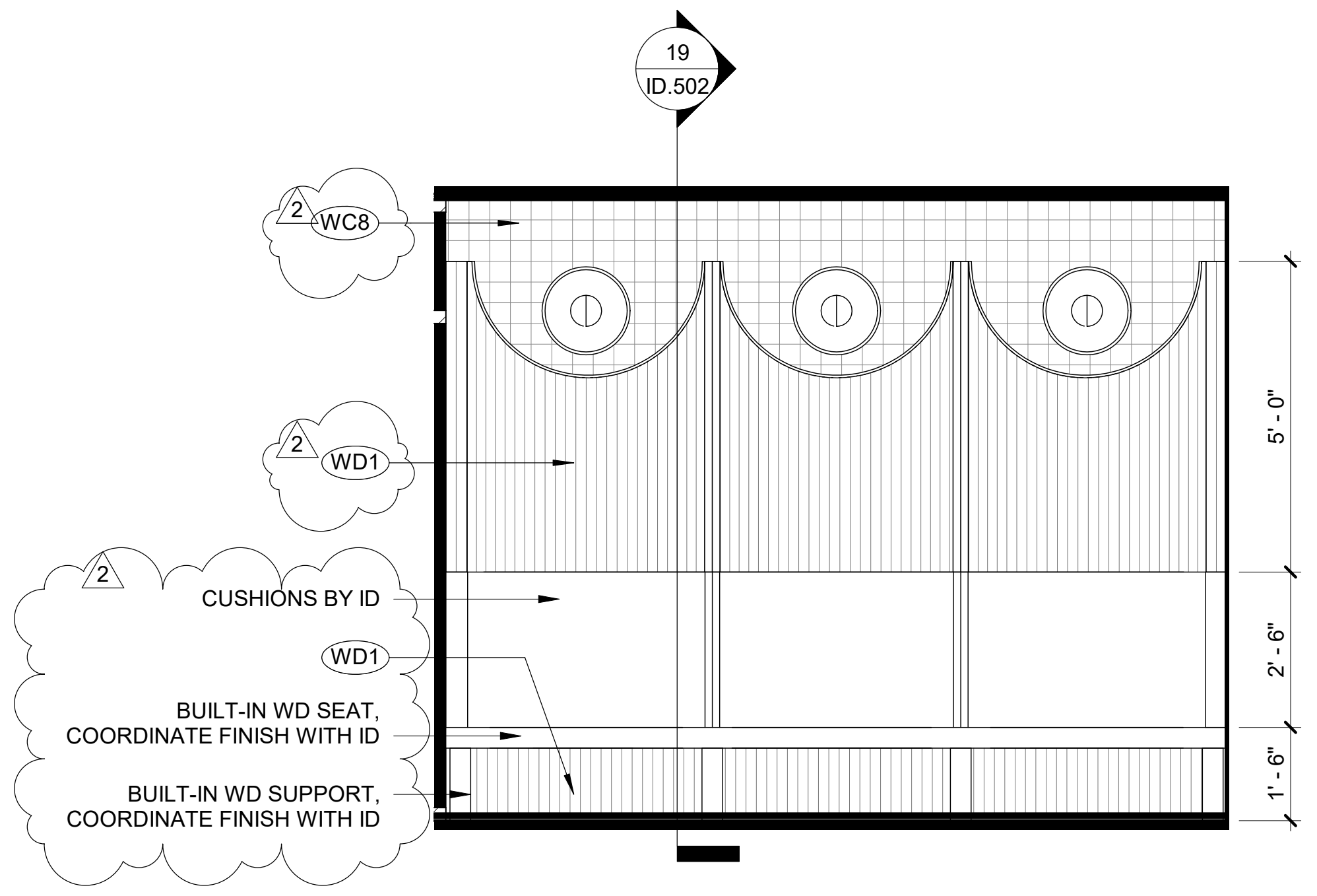
PROJECT NUMBER: 2208

SHEET NUMBER:
ID.501.

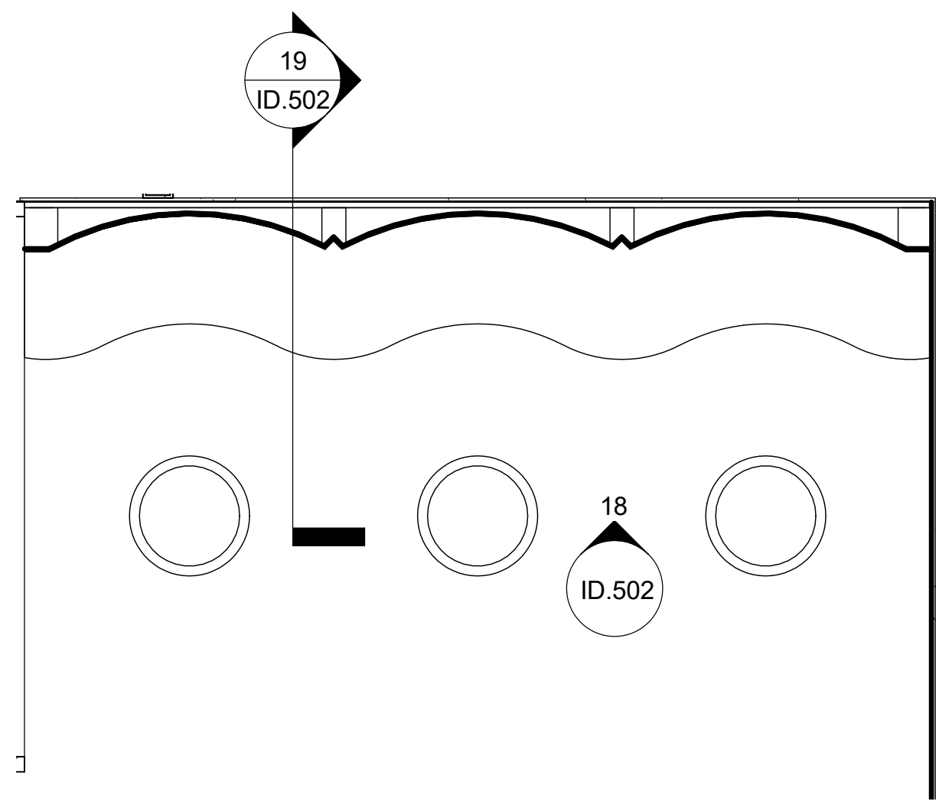
DRAWN BY: TH CHECKED BY: EL


2
WD1
CUSHIONS BY ID
BUILT-IN WD SEAT, COORDINATE FINISH WITH ID
BUILT-IN WD SUPPORT, COORDINATE FINISH WITH ID

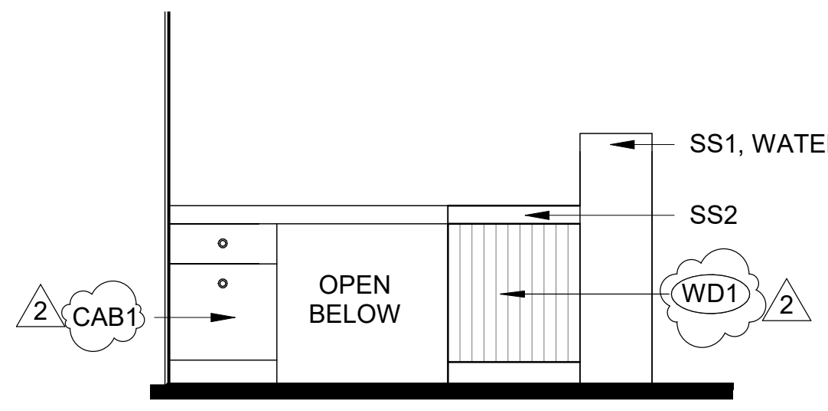
19 Banquette 2
3/8" = 1'-0"


19
ID.502
2
WC8
WD1
CUSHIONS BY ID
BUILT-IN WD SEAT, COORDINATE FINISH WITH ID
BUILT-IN WD SUPPORT, COORDINATE FINISH WITH ID
5' - 0"
2' - 6"
1' - 6"

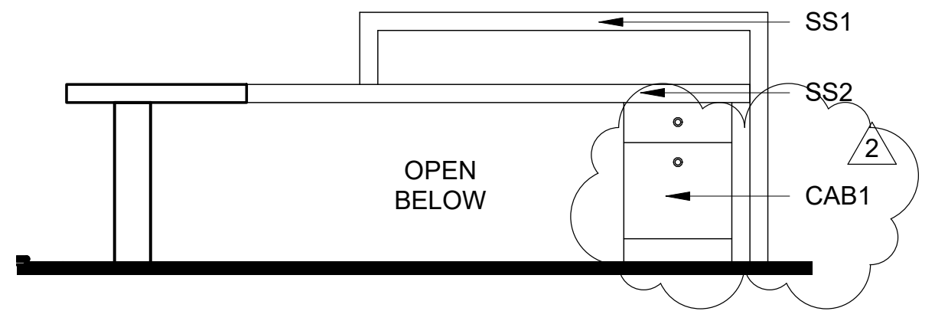
18 Banquette 1
3/8" = 1'-0"



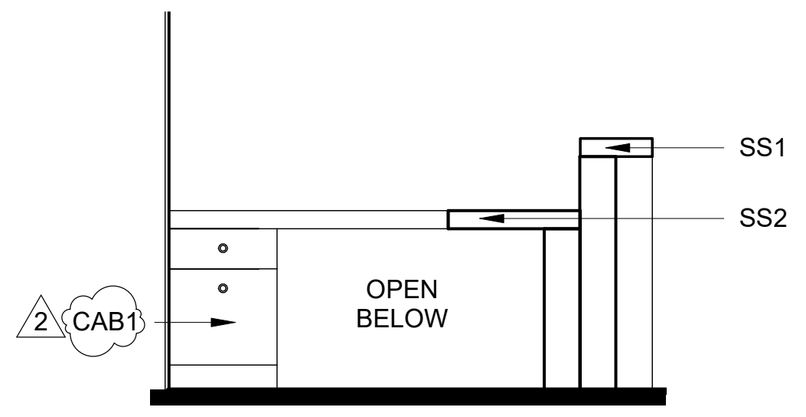
17 Enlarged Plan - Golf Banquette
3/8" = 1'-0"



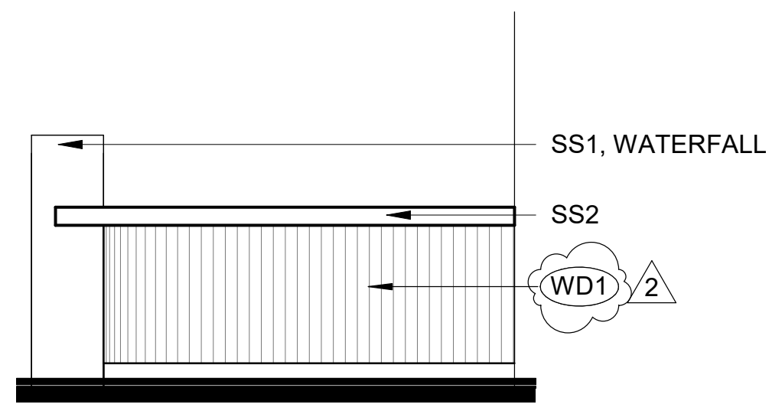
16 Concierge Desk 5
3/8" = 1'-0"



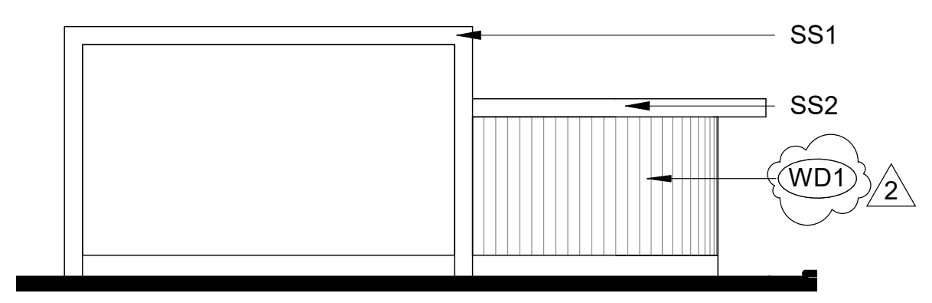
15 Concierge Desk 4
3/8" = 1'-0"



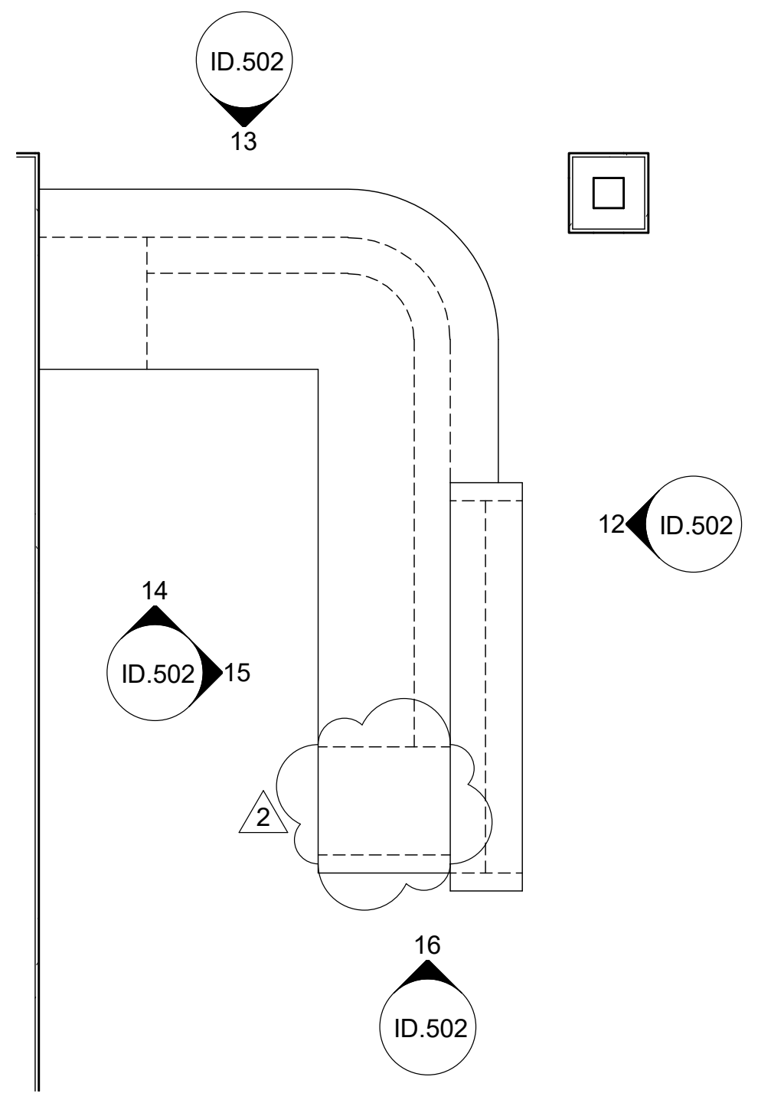
14 Concierge Desk 3
3/8" = 1'-0"



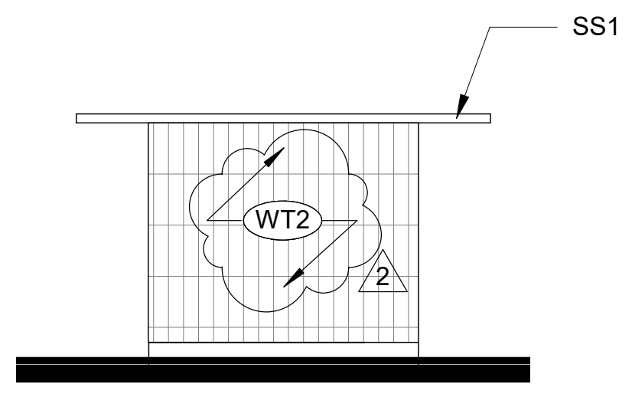
13 Concierge Desk 2
3/8" = 1'-0"



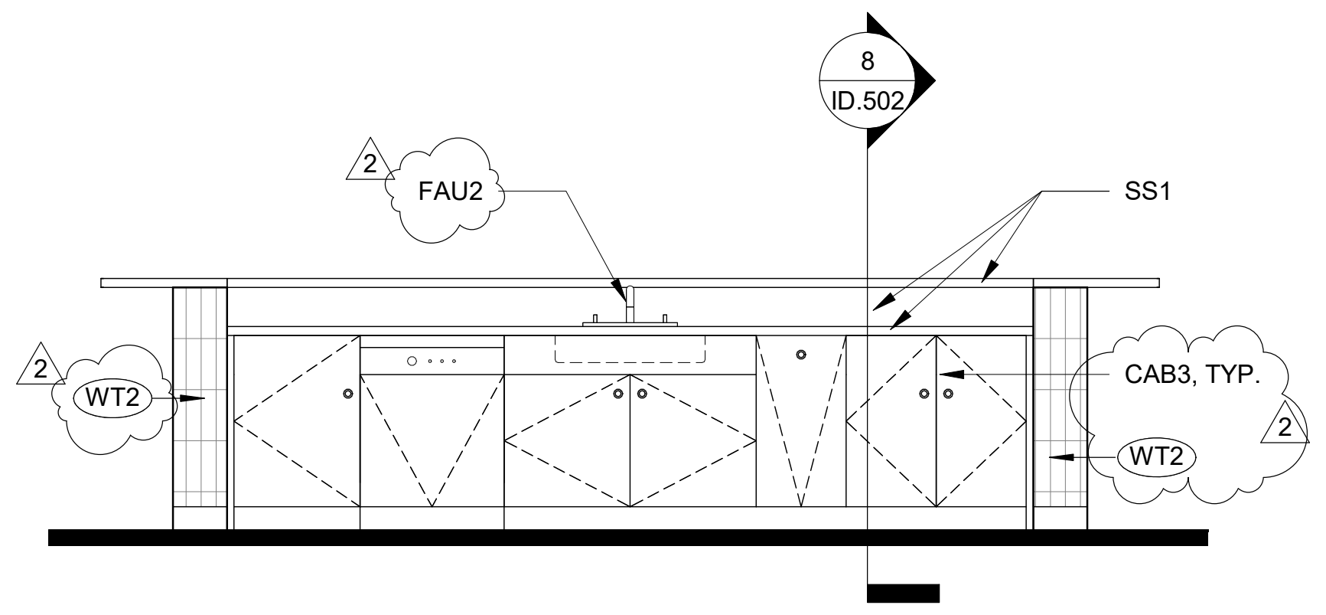
12 Concierge Desk 1
3/8" = 1'-0"



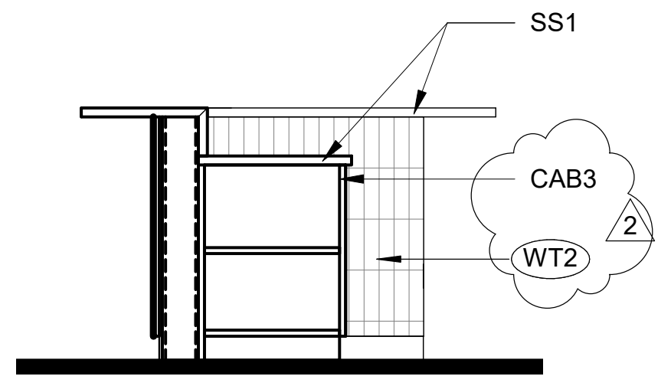
11 Enlarged Plan - Concierge Desk
3/8" = 1'-0"



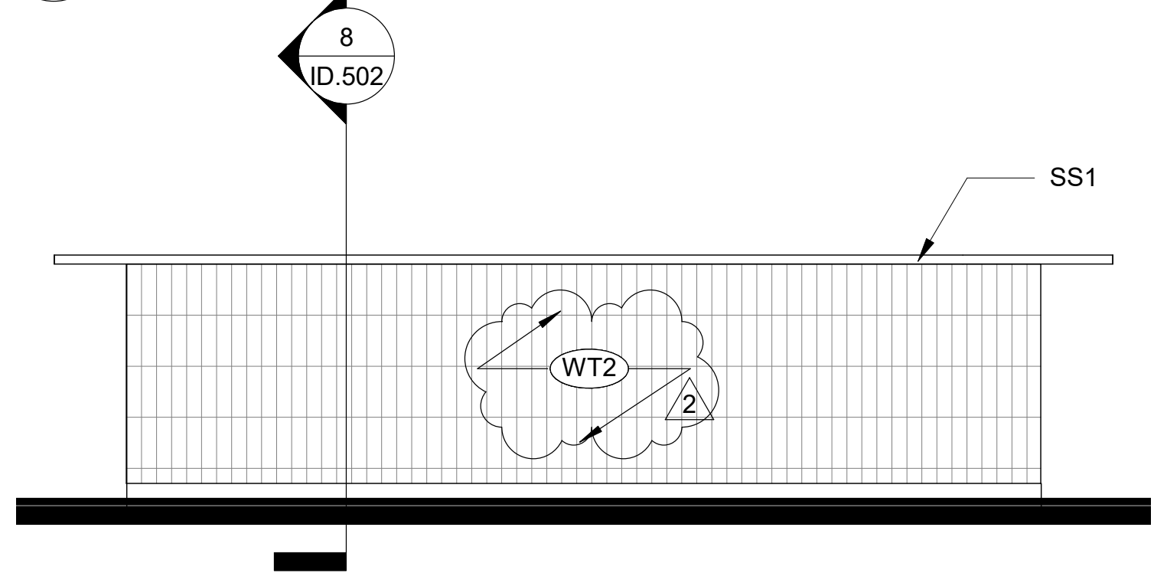
10 Kitchen Bar 4
3/8" = 1'-0"



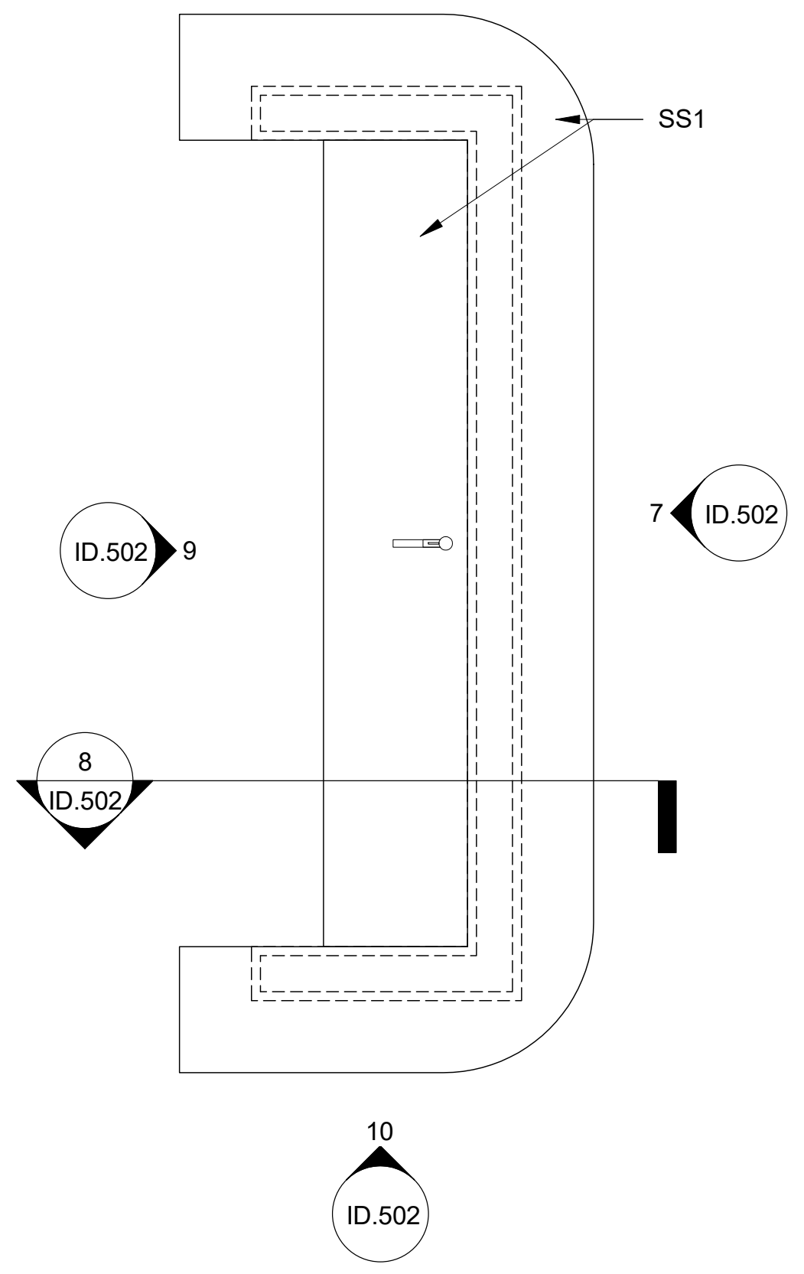
9 Kitchen Bar 3
3/8" = 1'-0"



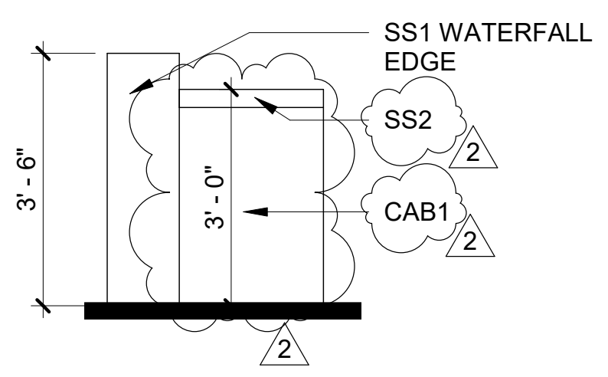
8 Kitchen Bar 2
3/8" = 1'-0"



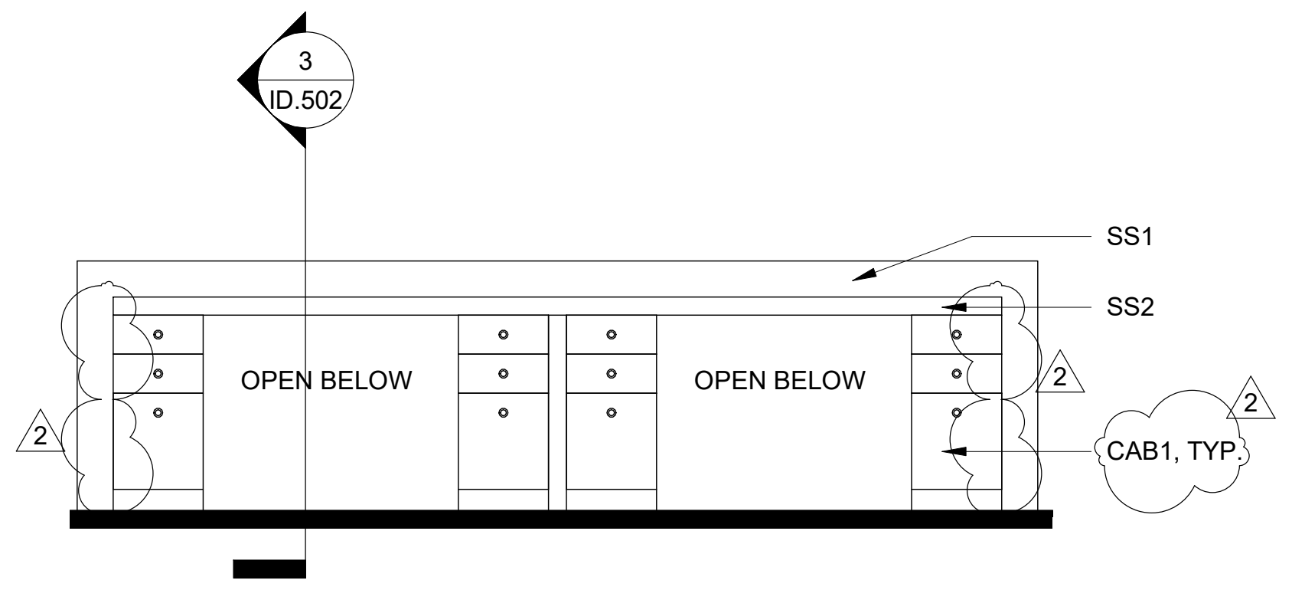
7 Kitchen Bar 1
3/8" = 1'-0"



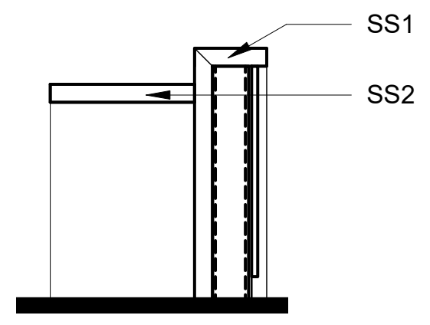
6 Enlarged Plan - Kitchen Bar
3/8" = 1'-0"



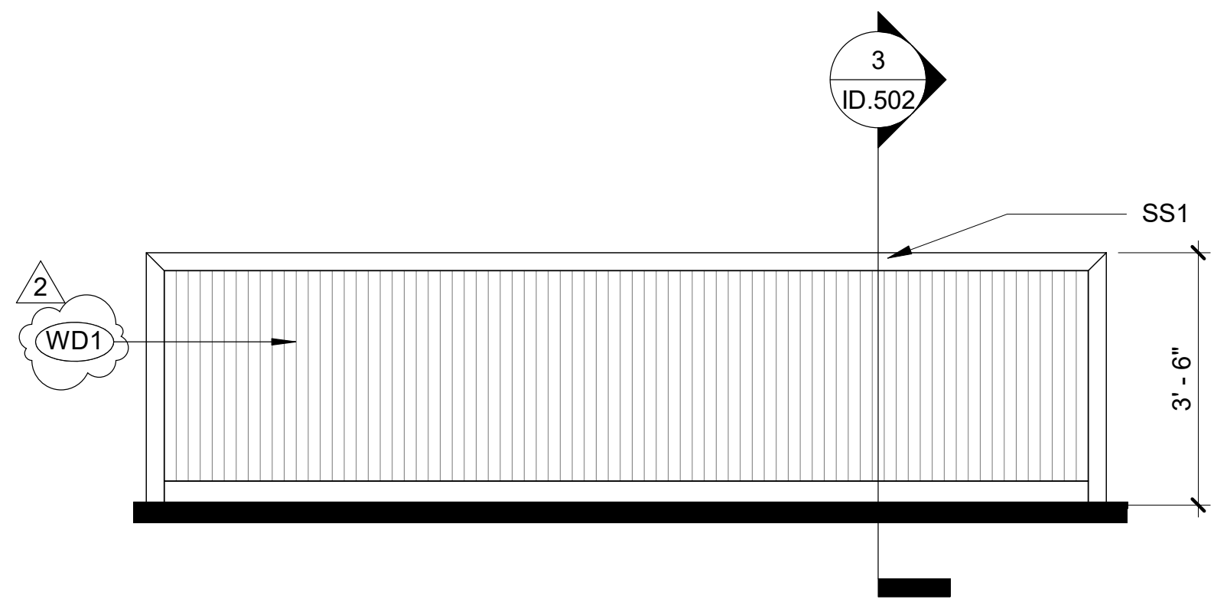
5 Leasing Bar 4
3/8" = 1'-0"



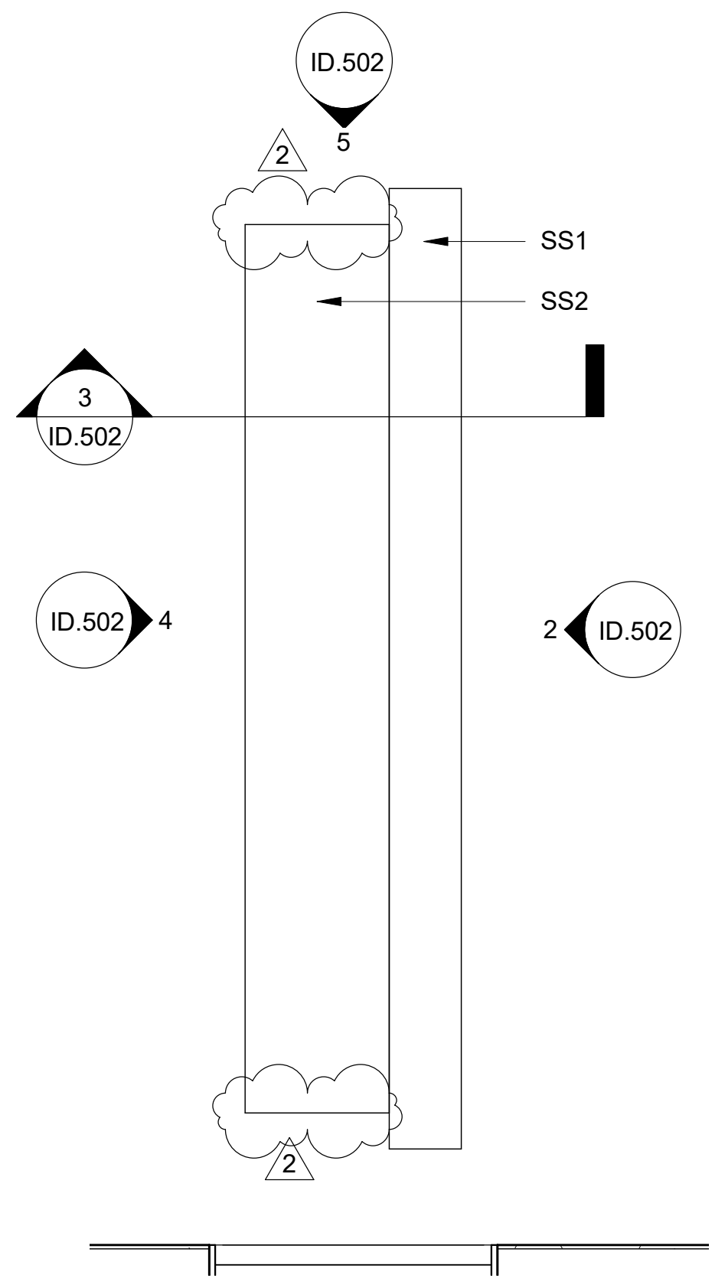
4 Leasing Bar 3
3/8" = 1'-0"



3 Leasing Bar 2
3/8" = 1'-0"



2 Leasing Bar 1
3/8" = 1'-0"



1 Enlarged Plan - Leasing Bar
3/8" = 1'-0"

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1	CITY COMMENTS 1	04-11-23

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Summit Square Phase 3
(Trilogy)
Lee's Summit, Missouri

1

SHEET TITLE:
Clubhouse - Enlarged Plans & Interior Elevations

PROJECT NUMBER: 2208

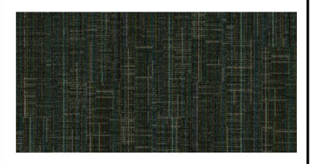
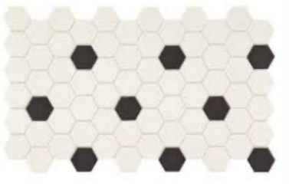
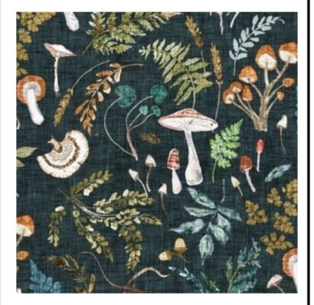
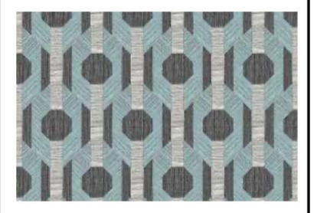
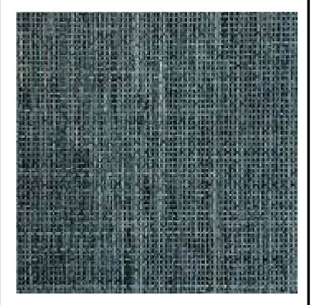
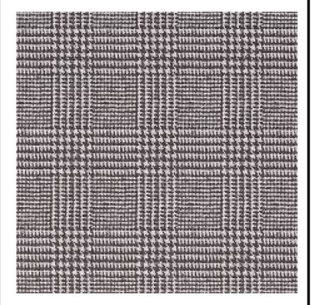
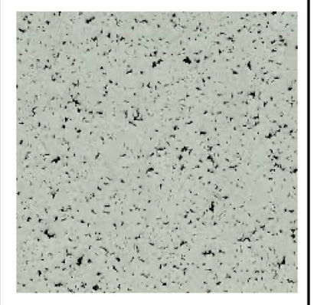
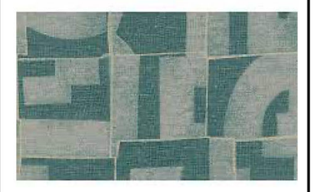
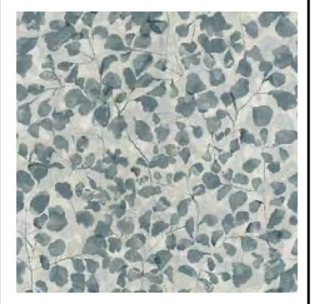
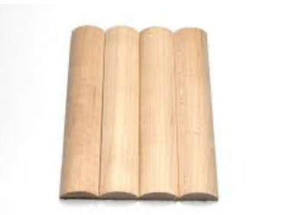
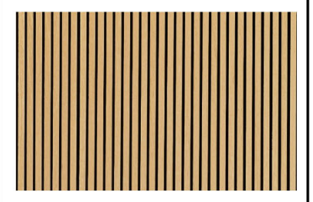
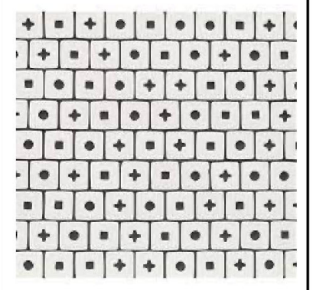
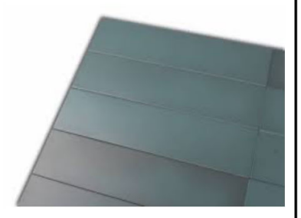
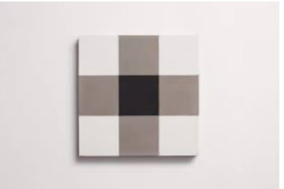
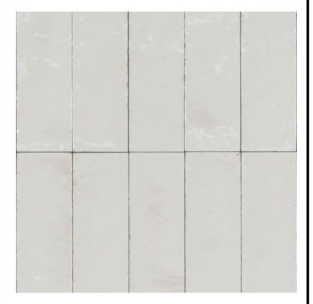
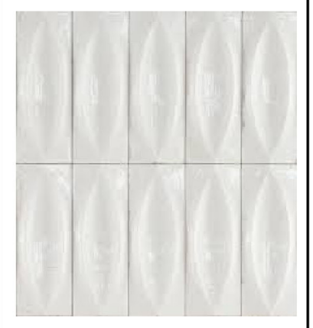
SHEET NUMBER:
ID.502.

DRAWN BY: TH CHECKED BY: EL

LOWERY
DESIGN GROUP

PROJECT: SS3
DATE: 04.28.23

FINISH SCHEDULE

KEY	TYPE	MFR	DESCRIPTION	IMAGE	LOCATION	NOTES
B1	Brick		Exterior Brick Paint: TBD Pattern detail: TBD		LOBBY/COWORK - Fireplace	Paint: TBD
CAB1	Cabinet		Black laminate		LEASING GOLF	
CAB2	Cabinet		Shaker style-painted		COFFEE	
CAB3	Cabinet		Whitewash laminate		KITCHEN MAIL	
CAB4	Cabinet		Wood Laminate		RESTROOMS (ALL) SPA / TREATMENT FITNESS / YOGA	
CPT1	Carpet	Interface	Diminuendo 106697 Onyx 10x40		LEASING	
CPT2	Carpet	Interface	Future Woven 106790 Color: Flint		LOUNGE	Tile border FT1
CPT3	Carpet	Interface	French Seams 105608 Avallon		GOLF	
CPT4	Carpet	Interface	Video Spectrum 106013 Neutral		COWORK LIBRARY	
CPT5	Carpet	Interface	Digitized Tuft 105982 Urban		CONFERENCE ZOOM PODCAST	
CPT6	Carpet	Mohawk	New Basics III Broadloom 719 Carbon Char		BUILDING STAIRS	
CPT7	Carpet	Mohawk	LineD 989 Charcoal		CORRIDORS	
FAU1	Faucet				COFFEE TREATMENT	
FAU2	Faucet				KITCHEN	
FAU3	Faucet				RESTROOMS (ALL)	
FT1	Floor Tile	Sant Agostino	Primewood Color: Honey Size: 12x48 Grout: TBD		LOBBY KITCHEN HALLWAY COMMUNITY RR LEVEL 2: CATWALK UNISEX RR	
FT2	Floor Tile	Dal	Keystones 1" Hex DK16 Arctic White D617 with Black D311 (beehive mosaic) Grout: TBD		LEASING COFFEE FITNESS RESTROOMS	
FT3	Floor Tile	Dal	Portfolio Color: Charcoal PF09 6x24 Grout: TBD		LEASING COFFEE (border FT3) LEASING Hall	
FT4	Floor Tile	Equipe	Heritage Snow 7x8 24950 EQ3 Grout: TBD		MAIL	
FT5	Floor Tile	Sant Agostino	Venistone Beige 24x24 Grout: TBD		SPA LOBBY TREATMENT	
FT6	Floor Tile	Florida Tile	Limestone AEK8LS20 Oyster 24x24 or 39x39		BUILT- IN STEPS WITH PLANTERS AT STAIRS	
HDW1	Hardware				LEASING	
HDW2	Hardware					
HDW3	Hardware					
LAM1	Laminate				MAIL - Trash Drop Counter ZOOM - Counter LIBRARY - Counter	
LAM2	Laminate		TBD		COFFEE - Built-In Bench	
LVT1	Luxury Vinyl Tile	Mohawk	Secoya 123 Benmore		FITNESS WORKROOM YOGA	
LVT2	Luxury Vinyl Tile				ALL UNIT CORRIDOR - Door insets	
LVT3	Luxury Vinyl Tile	Mohawk	Secoya 833 Oakbark		GOLF - 2 walls, see ID	
MIR1	Mirror				COMMUNITY RR	
MIR2	Mirror				UNISEX RR (ALL)	
MB	Mailbox		White			
M1	Moss		Preserved Greenery		COFFEE - Built-In Bench	
PTA	Paint			▨		
PTB	Paint					
PTX	Paint					
SS1	Solid Surface	Dal	White Macubus Natural Quartzite		LEASING KITCHEN - Countertop & backsplash	
SS2	Solid Surface	Dal	Negresco Sueded Finish		LEASING COFFEE GOLF LOUNGE	
SS3	Solid Surface		White standard		TREATMENT UP UNISEX RR COMMUNITY RR FITNESS YOGA FITNESS RR	
WC1	Wallcovering	Arte	Gioco 40530		LEASING	
WC2	Wallcovering	Spoonflower	Mushroom Grove (midnight) LRG - moody / vintage / woodland Wallpaper by nouveau_bohemian Non-pasted traditional pebble		COFFEE - Inside archway & Inside built-in bench	
WC3	Wallcovering		MURAL		COFFEE - Over wall bar	
WC4	Wallcovering	Arte	Metric 80500 Oculaire		KITCHEN	
WC5	Wallcovering	Innovations	Tide TID-07 Bayberry		LOUNGE - Back of bookshelf	
WC8	Wallcovering	Phillip Jeffries	Vinyl Houndstooth 7446 Dalmation		GOLF - 2 Walls, See ID ZOOM - 3 walls, See ID	
WC9	Wallcovering	Innovations	Whistler WHL-02 Lisbon		FITNESS RESTROOMS PODCAST - 3 walls, See ID MAIL - Back wall Only	
WC10	Wallcovering	Arte	Module 53030		COWORK - Booths at back wall & Ceilings	
WC6	Wallcovering	Arte	LeCorbusier Dots 31016		TREATMENT - 3 Walls, See ID	
WC7	Wallcovering	Innovations	Petals PET-02 Knox		SPA LOBBY - All Walls	
WC11	Wallcovering	Innovations	Bodhi BD-05 Pax		CONFERENCE - All walls	
WD1	Wood	Surfacing Solution	Profile: 383 Maple		LEASING LOUNGE COFFEE - Below floating bar GOLF - Curved booths LIBRARY	Paint: TBD
WD2	Wood				STAIR TREADS	
WD3	Wood	Architectural Systems Inc.	Pattern Play - Acoustical Panels - Parallel Spec ID# WPVEP403		FITNESS ZOOM PODCAST	
WD4	Wood		WOOD SLAT SCREEN WALL		LOBBY - Between Lobby & Coffee LOUNGE - Between Lounge & Corridor KITCHEN - Either side of wallcovering	Paint: TBD
WT1	Wall Tile	Ragno	Look R8FQ Avio Storie 2 ⅜ x 9 7/16 Grout: TBD		COFFEE FITNESS RESTROOMS	Install: Vertical Straight Set
WT2	Wall Tile	Equipe	Vibe Color: Taupe Matt Grout: TBD		KITCHEN - Wrap Island	Install Vertical straight set
WT3	Wall Tile	Lunada Bay	Shinju Silhouette Mosaic Col: Kushi Grout: Laticrete 53 Twilight Blue		LOUNGE - Behind TV Niche	
WT4	Wall Tile	Equipe	Stromboli 3.5 x 14.5 Veridian Green Grout: TBD		MAIL - Base	1 Vertical Row at base Island and mail room
WT5	Wall Tile	Equipe	Stromboli 3.5 x 14.5 Bahia Blue Grout: TBD		MAIL - Wrap Island	Vertical straight set Wrap island
WT6	Wall Tile	Equipe	Argile 4x4 Color: Dark Grout: TBD		COMMUNITY RESTROOM - Full wall Behind Sinks & WC Wainscott	Install checkerboard with WT7
WT7	Wall Tile	Equipe	Argile 4x4 Color: Ice Grout: TBD		COMMUNITY RESTROOM - Full wall Behind Sinks & WC Wainscott	Install checkerboard with WT6
WT8	Wall Tile	Cle Tile	Encaustic Cement Checkmate Metal/Black/White 8x8 Grout: TBD		WATER FOUNTAIN - floor to ceiling FITNESS - towel drop	
WT9	Wall Tile	Aluse Edwards	RokCandy AECROKCH66M Chalk It Up Matte 6x6 Grout: TBD		TREATMENT - Sink Wall	
WT10	Wall Tile	Ragno	Gleeze Bianco 2 5/16 x 5 ⅞ Grout: TBD		LEVEL 2 UNISEX RR - Lower Half	
WT11	Wall Tile	Ragno	Gleeze Bianco Struttera Eye 3D 2 5/16 x 5 ⅞ Grout: TBD		LEVEL 2 UNISEX RR - Upper Half	

APPLIANCE COLOR: TBD
ACOUSTICAL TREATMENTS: TBD

REPS:

Sant Agostino
Equipe
Ragno
Interface
Lunada Bay: Virginia Tile

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Summit Square Phase 3
(Trilogy)
Lee's Summit, Missouri

SHEET TITLE:
Interior Finish & Fixture Schedules

2

PROJECT NUMBER: 2208

SHEET NUMBER:
ID.600.

DRAWN BY: TH   CHECKED BY: EL