SUMMIT
AT WEST PRYOR

940 NW Pryor Road
Lee's Summit, Missouri 64081

PROJECT NO.: 18-046

ISSUE DATE: 10.30.2020 (REVISION 6)

GENERAL NOTES

1. AIA DOCUMENT A-201 , GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, CURRENT EDITION, AND SPECIAL CONDITIONS AS NOTED IN THE PROJECT MANUAL, SHALL GOVERN THE WORK.

2. GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE START OF CONSTRUCTION AND SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.

3. GENERAL CONTRACTOR SHALL CROSS-REFERENCE THE VARIOUS DISCIPLINES' PLANS HEREIN AND REVIEWED SHOP DRAWINGS PRIOR TO STARTING CONSTRUCTION PHASE OF CONSTRUCTION AND SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.

4. ONLY CONTRACT DOCUMENTS APPROVED FOR CONSTRUCTION AND REVIEWED SHOP DRAWINGS SHALL BE USED FOR CONSTRUCTION. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR DISTRIBUTION OF SAID DOCUMENTS AND UPDATES TO THE FIELD FOR CONSTRUCTION.

5. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE THE SUBCONTRACTOR WORK WITH THESE PROJECT DOCUMENTS.

6. DIMENSIONS TO THE EXTERIOR OF THE BUILDING ARE TO THE EXTERIOR OF FOUNDATION/MASONRY UNLESS NOTED OTHERWISE.

7. DO NOT SCALE DRAWINGS.

8. THE WORD 'ALIGN' AS USED IN THESE DOCUMENTS SHALL SUPERSEDE DIMENSIONAL INFORMATION.

9. NO PRODUCTS CONTAINING ASBESTOS SHALL BE INSTALLED IN OR USED DURING THE CONSTRUCTION OF THIS PROJECT. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CERTIFY TO THE OWNER THAT THIS REQUIREMENT HAS BEEN COMPLIED WITH.

10. ALL HVAC EQUIPMENT AND DUCTWORK SHALL COMPLY WITH THE CURRENT APPLICABLE MECHANICAL CODE AND INSTALLED PER SMACNA RECOMMENDATIONS.

11. CODE COMPLIANCE - THE WORK SHALL BE GOVERNED BY ALL CURRENT APPLICABLE LOCAL, CITY, STATE AND NATIONAL CODES AND LAWS. THESE AUTHORITIES INCLUDE, BUT ARE NOT LIMITED TO THE INTERNATIONAL BUILDING CODE, NATIONAL ELECTRIC CODE, NATIONAL FIRE PROTECTION ASSOCIATION OR ANY OTHER AUTHORITY OR BODY HAVING JURISDICTION OVER WORK. THE SITE, PARKING LOT, AND BUILDING SHALL COMPLY WITH THE ADA (AMERICANS WITH DISABILITIES ACT) REGULATIONS. NOTIFY ARCHITECT OF ANY REQUIRED CHANGES TO COMPLY WITH ADA.

12. REFERENCE CIVIL DRAWINGS FOR SITE WORK, INCLUDING THE BUILDING LOCATION ON THE SITE.

ABBREVIATIONS

ABV	ABOVE
AFF	ABOVE FINISH FLOOR
ACT	ACOUSTICAL
ALUM	ALUMINUM
&	AND
@	AT
BLK	BLOCK
BD	BOARD
BO	BOTTOM OF
CLG	CEILING
℄	CENTER LINE
CT	CERAMIC TILE
CLR	CLEAR
CONC	CONCRETE
CMU	CONC. MASONRY UNIT
CONT	CONTINOUS
CONTR	CONTRACTOR
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CJ	CONTROL JOINT
CG	CORNER GUARD
DTL	DETAIL
DIA	DIAMETER
DR	DOOR
DS	DOWNSPOUT
DWG	DRAWING
EOS	EDGE OF SLAB
ELEC	ELECTRICAL
ELEV	ELEVATION
EQ	EQUAL
EQUIP	EQUIPMENT
EXIST	EXISTING
EJ	EXPANSION JOINT
FT	FEET
FG	FINISH GRADE
FF	FINISH FLOOR
FR	FIRE RETARDANT
FL	FLOOR
GC	GENERAL CONTR.
GYP	GYPSUM
HDWD	HARDWOOD
HDPB	HIGH DENSITY PARTICLE BOARD
HT	HEIGHT
HR	HOUR
INSUL	INSULATION
JT	JOINT
LAV	LAVATORY
MO	MASONRY OPENING
MSRY	MASONRY
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MTL	METAL
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
OC	ON CENTER
OPNG	OPENING
PTD	PAINTED
PLAM	PLASTIC LAMINATE
PLYWD	PLYWOOD
PT	PRESSURE TREATED
RAD	RADIUS
RE:	REFERENCE
REINF	REINFORCING
RCP	REFLECTED CEILING PLAN
REQ'D	REQUIRED
RD	ROOF DRAIN
RM	ROOM
RO	ROUGH OPENING
SCHED	SCHEDULE
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SC	SOLID CORE
SPEC	SPECIFICATION
SQ	SQUARE
SF	SQUARE FOOT
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
SUSP	SUSPENDED
TEL	TELEPHONE
THK	THICK
TO	TOP OF
T&G	TONGUE & GROOVE
TYP	TYPICAL
UNF	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VEST	VESTIBULE
WP	WATERPROOF
WT	WEIGHT
W/	WITH
W/O	WITH OUT
WD	WOOD

PROJECT DIRECTORY

General Contractor
Brinkmann Constructors
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Michaela Silva (ext 275)

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Contact: Clark Basinger (Direct: 816-778-7151)

Civil Engineer
Renaissance Infrastructure Consulting
1815 McGee Street, Suite 200
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Contact: Dustin Burton

Mech. / Elec. / Plumb. Engineer
Latimer Sommers and Associates
3639 SW Summerfield Dr Ste A
Topeka, KS 66614
Phone: (785)-233-3232
Contact: Rich Beardmore

PROJECT SUMMARY

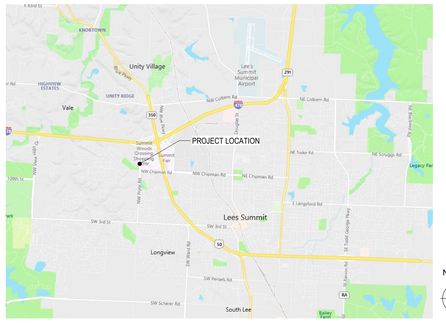
*FOR COMPLETE CODE ANALYSIS SEE LIFE SAFETY PLAN SHEET A006 - A010

PROJECT NAME:	Summit at West Pryor
PROJECT ADDRESS:	NWQ NW Pryor Rd & NW Lowenstein Dr Lee's Summit, Missouri 64081
PROJECT DESCRIPTION:	237 Unit development
BUILDING CODES:	2018 International Building Code 2017 National Electrical Code 2018 International Mechanical Code 2018 International Plumbing Code 2018 International Energy Conservation Code ACCESSIBILITY 2010 ADA Guidelines & 2017 ICC/ANSI A117.1 Fair Housing Act
OCCUPANCY TYPE / USE GROUP:	SEE LIFE SAFETY PLANS.

SYMBOLS

CONCRETE
BRICK
BLOCKING
BATT INSULATION
RIGID INSULATION
CONCRETE BLOCK
BUILDING SECTION (5 / A10)
WALL SECTION (5 / A10)
DETAIL (5 / A10)
PARTITION TYPE (P3)
COL. GRID (COL)
ROOM (ROOM 101)
TEMPERED GLASS (T)
NEW CONSTRUCTION
EXISTING CONSTR. TO REMAIN
EXISTING CONSTR. REMOVED

LOCATION MAP



SEE SHEET A001 FOR DRAWING INDEX

10.30.2020

ARCHITECT	TR¡i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Pearl COMPANIES

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TRi ARCHITECTS

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DATE: 7.29.19

REVISIONS

	SHELL PACKAGE	7.29.19
1	BUILDING PERMIT COMMENTS	9.6.19
2	FDP RESUBMITTAL	9.11.19
3	BUILDING PERMIT COMMENTS 2	9.12.19
4	STRUCTURAL REVISION	10.16.19
5	STRUCTURAL REVISION 2	11.7.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020
9	REVISION 4	4.24.2020
10	REVISION 5	7.2.2020
11	REVISION 6	10.30.2020

DWG BY MKSS

TR¡i PROJECT NO. 18-046

SHEET NO.

A000

COVER SHEET

DRAWING INDEX

● = REVISED SHEET
○ = REISSUED SHEET/NO REVISION
X = ISSUED AS 8.5x11

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A000	COVER SHEET	●											
A001	SHEET INDEX	●	●	●	●	●	●	●	●	●	●	●	●
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A004	ACCESSIBILITY REQUIREMENTS -TYPE B UNITS & ADA	●										●	
A005	SOUND TRANSMISSION ASSEMBLIES	●						●					
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A007	LIFE SAFETY PLAN - FIRST FLOOR	●	●					●	●			●	
A008	LIFE SAFETY PLAN - SECOND/THIRD FLOOR	●						●	●				
A009	LIFE SAFETY PLAN - FOURTH FLOOR	●						●	●				
A010	LIFE SAFETY PLAN - UNITS	●											
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A012	FLOORING ASSEMBLIES	●						●		●		●	●
A013	DOOR SCHEDULE & TYPICAL DETAILS	●						●	●	●		●	
A014	WINDOW AND STOREFRONT SCHEDULE	●						●	●	●			
A015	STOREFRONT SCHEDULE	●						●	●	●			
A016	STOREFRONT SCHEDULE	●						●	●	●			
A017	UNIT SCHEDULES	●						●	●				
A020	WINDOW DETAILS	●								●		●	
A021	WINDOW DETAILS	●								●		●	●
A030	DOOR DETAILS	●								●		●	
A031	DOOR DETAILS	●						●	●				
A032	DOOR DETAILS	●								●	●	●	●
A050	ARCHITECTURAL SITE PLAN	●	●	●								●	
A051	SITE DETAILS	●											
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A053	ADDRESS PLAN - SECOND FLOOR								●			●	
A054	ADDRESS PLAN - THIRD FLOOR											●	
A055	ADDRESS PLAN - FOURTH FLOOR											●	
A101A	GARAGE FLOOR PLAN	●	●					●	●	●		●	●
A101B	GARAGE PARKING PLAN	●						●	●	●		●	
A102	FIRST FLOOR PLAN	●						●	●	●		●	
A102-B	FIRST FLOOR PLAN - BLDG. B	●	●					●	●			●	
A102-C/D	FIRST FLOOR PLAN - BLDG. C/D	●	●					●	●	●		●	●
A102-E	FIRST FLOOR PLAN - BLDG. E	●						●	●	●		●	
A103	SECOND/THIRD FLOOR PLAN	●	●					●	●				
A103-B	SECOND / THIRD FLOOR PLAN - BLDG. B	●	●					●	●	●		●	●
A103-C/D	SECOND / THIRD FLOOR PLAN - BLDG. C/D	●						●	●	●		●	●
A103-E	SECOND / THIRD FLOOR PLAN - BLDG. E	●						●	●			●	●
A104	FOURTH FLOOR PLAN	●						●	●	●			
A104-B	FOURTH FLOOR PLAN - BLDG. B	●						●	●			●	●
A104-C/D	FOURTH FLOOR PLAN - BLDG. C/D	●						●	●	●		●	●
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A151	UNIT 'A2' PLANS & ELEVATIONS	●								●	●	●	
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A153	UNIT 'A4' PLANS & ELEVATIONS	●								●	●	●	
A154	UNIT 'B1' & 'B3' PLANS & ELEVATIONS	●								●		●	
A155	UNIT 'B2' PLANS & ELEVATIONS	●								●		●	
A156	UNIT 'B2-TYPE A' PLANS & ELEVATIONS	●								●	●	●	
A157	UNIT 'C1' & 'C2' PLANS & ELEVATIONS	●								●		●	
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A160	UNIT 'F1' PLANS & ELEVATIONS	●								●		●	
A161	UNIT 'F1-TYPE A' PLANS & ELEVATIONS	●								●	●	●	
A162	UNIT 'G1' & 'G1.1' PLANS	●								●		●	
A163	UNIT 'G1' & 'G1.1' ELEVATIONS	●										●	
A164	UNIT 'H1' & 'HZ' PLANS & ELEVATIONS	●								●	●	●	
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A202	EAST ELEVATIONS	●							●	●		●	●
A203	SOUTH ELEVATION	●							●	●		●	●
A204	WEST ELEVATIONS	●							●	●		●	
A205	NORTH ELEVATION	●							●	●		●	●
A206	SOUTH COURTYARD ELEVATIONS	●							●	●		●	
A207	CENTER COURTYARD ELEVATIONS	●							●	●		●	
A208	NORTH COURTYARD ELEVATIONS	●							●	●		●	
A210	ENLARGED ELEVATIONS								●				●
A301	BUILDING SECTIONS	●							●				
A302	BUILDING SECTIONS	●											
A303	WALL SECTIONS	●								●		●	
A304	WALL SECTIONS	●								●		●	
A305	WALL SECTIONS	●								●		●	●
A306	WALL SECTIONS	●										●	
A307	WALL SECTIONS	●								●		●	
A308	WALL SECTIONS	●								●		●	
A309	WALL SECTIONS	●								●		●	●
A310	WALL SECTIONS	●								●		●	
A311	WALL SECTIONS	●								●		●	
A312	WALL SECTIONS	●								●		●	●
A313	CENTER COURTYARD WALL SECTIONS	●								●		●	
A314	CENTER COURTYARD WALL SECTIONS	●								●		●	
A315	NORTH & SOUTH COURTYARD WALL SECTIONS	●								●		●	
A316	NORTH & SOUTH COURTYARD WALL SECTIONS	●							●	●		●	●
A320	SECTION DETAILS	●							●	●		●	●
A321	SECTION DETAILS	●							●	●		●	
A322	SECTION DETAILS	●						●	●	●		●	
A323	SECTION DETAILS	●								●		●	●
A324	BALCONY SECTIONS											●	●
A325	PLAN DETAILS	●							●	●			●
A326	PLAN DETAILS												●
A350	STAIR A	●						●	●			●	
A351	STAIR B	●							●			●	
A352	STAIR C	●						●	●			●	
A353	ELEVATOR A/C	●	●					●	●			●	
A354	ELEVATOR B	●	●					●	●	●		●	
A355	TRASH CHUTE	●								●			●
A401	ENLARGED COURTYARD PLANS	●						●	●	●		●	●
A402	ENLARGED COURTYARD PLANS	●						●					
A403	ENLARGED COURTYARD PLANS	●						●		●			
A404	ENLARGED COURTYARD PLANS	●						●					
A405	ENLARGED COURTYARD PLANS	●						●				●	●
A406	ENLARGED COURTYARD PLANS	●						●					
A407	ENLARGED COURTYARD DRAIN PLANS	●								●			
A408	PERGOLA PLANS	●								●		●	
A409	MECHANICAL SHAFTS							●	●			●	
A410	ENLARGED AMENITY SPACES								●	●		●	●
A411	ENLARGED AMENITY SPACES									●		●	●

	STRUCTURAL	SHELL PACKAGE 07.29.19	BUILDING PERMIT COMMENTS 9.6.19	FDP RESUBMITTAL 9.11.19	BUILDING PERMIT COMMENTS 9.12.19	STRUCTURAL REVISION 10.16.19	STRUCTURAL REVISION 2 11.7.19	REVISION 1 12.20.19	REVISION 2 1.24.20	REVISION 3 4.3.2020	REVISION 4 4.24.2020	REVISION 5 7.2.2020	REVISION 6 10.30.2020
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S004	TYPICAL WOOD LATERAL SCHEDULES & DETAILS	●								●			
S005	TYPICAL WOOD DETAILS	●											
S006	TYPICAL WOOD DETAILS	●											
S007	TYPICAL WOOD DETAILS	●											
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S110B	FOUNDATION PLAN - AREA B	●				●							
S110C/D	FOUNDATION PLAN - AREA C/D	●											
S110E	FOUNDATION- AREA E	●				●							
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S111B	COMMERCIAL FLOOR FRAMING PLAN- AREA B	●				●	●					●	
S111B-R	COMMERCIAL FLOOR REACTIONS PLAN - AREA B	●											
S111C/D	COMMERCIAL FLOOR FRAMING PLAN- AREA C/D	●				●						●	
S111C/D-R	COMMERCIAL FLOOR REACTIONS PLAN - AREA C/D	●											
S111E	COMMERCIAL FLOOR FRAMING PLAN- AREA E	●				●							
S111E-R	COMMERCIAL FLOOR REACTIONS PLAN - AREA E	●											
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S112B	FIRST FLOOR 1 FRAMING PLAN- AREA B	●				●	●						
S112B-TR	FIRST FLOOR 1 TENSION ROD & REACTIONS PLAN - AREA B	●											
S112C/D	FIRST FLOOR 1 FRAMING PLAN- AREA C/D	●				●	●					●	
S112C/D-TR	FIRST FLOOR 1 TENSION ROD & REACTIONS PLAN - AREA C/D	●											
S112E	FIRST FLOOR 1 FRAMING PLAN- AREA E	●				●	●						
S112E-TR	FIRST FLOOR 1 TENSION ROD & REACTIONS PLAN - AREA E	●											
S113	SECOND FLOOR FRAMING PLAN	●											
S113B	SECOND FLOOR FRAMING PLAN- AREA B	●				●		●				●	
S113B-TR	SECOND FLOOR TENSION ROD PLAN - AREA B	●											
S113C/D	SECOND FLOOR FRAMING PLAN- AREA C/D	●								●			
S113E	SECOND FLOOR FRAMING PLAN- AREA E	●				●		●					
S113E-TR	SECOND FLOOR TENSION ROD PLAN - AREA E	●											
S114	THIRD FLOOR FRAMING PLAN	●											
S114B	THIRD FLOOR FRAMING PLAN- AREA A	●							●				
S114C/D	THIRD FLOOR FRAMING PLAN- AREA C/D	●				●							
S114E	THIRD FLOOR FRAMING PLAN- AREA E	●							●				
S115	FOURTH FLOOR FRAMING PLAN	●											
S115B	FOURTH FLOOR FRAMING PLAN- AREA B	●							●				
S115C/D	FOURTH FLOOR FRAMING PLAN- AREA C/D	●											
S115E	FOURTH FLOOR FRAMING PLAN- AREA E	●							●				
S116	ROOF FRAMING PLAN	●											
S116B	ROOF FRAMING PLAN- AREA B	●										●	
S116C/D	ROOF FRAMING PLAN- AREA C/D	●											
S116E	ROOF FRAMING PLAN- AREA E	●										●	
S117	SHEARWALL AND BEARING WALL TYPE PLAN	●											
S117B	SHEARWALL AND BEARING WALL TYPE PLAN - B	●											
S117C/D	SHEARWALL AND BEARING WALL TYPE PLAN - C/D	●											
S117E	SHEARWALL AND BEARING WALL TYPE PLAN - E	●											
S120	STAIR FRAMING PLANS	●											
S121	STAIR FRAMING PLANS	●											
S122	STAIR FRAMING PLANS	●											
S200	FOUNDATION SECTIONS	●								●			
S201	FOUNDATION SECTIONS	●				●							
S300	STEEL FRAMING SECTIONS	●				●							
S301	STEEL FRAMING SECTIONS	●					●			●			
S302	STEEL FRAMING SECTIONS	●					●			●			
S303	STEEL FRAMING SECTIONS	●											
S304	STEEL FRAMING SECTIONS	●				●							
S305	STEEL FRAMING SECTIONS	●				●							
S306	STEEL FRAMING SECTIONS	●				●							
S307	STEEL FRAMING SECTIONS	●								●			
S320	STEEL ROOF FRAMING SECTIONS	●											
S330	WOOD FLOOR FRAMING SECTIONS	●											
S331	WOOD FLOOR FRAMING SECTIONS	●											
S332	WOOD FLOOR FRAMING SECTIONS	●											
S333	WOOD FLOOR FRAMING SECTIONS	●										●	
S340	WOOD ROOF FRAMING SECTIONS	●											
S341	WOOD ROOF FRAMING SECTIONS	●										●	
S342	WOOD ROOF FRAMING SECTIONS	●										●	
S400	ELEVATIONS	●											

	MEP	SHELL PACKAGE 07.29.19	BUILDING PERMIT COMMENTS 9.6.19	FDP RESUBMITTAL 9.11.19	BUILDING PERMIT COMMENTS 9.12.19	STRUCTURAL REVISION 10.16.19	STRUCTURAL REVISION 2 11.7.19	REVISION 1 12.20.19	REVISION 2 1.24.20	REVISION 3 4.3.2020	REVISION 4 4.24.2020	REVISION 5 7.2.2020	REVISION 6 10.30.2020
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P102	PARTIAL GARAGE PLAN - BELOW-GRADE PLUMBING	●	●							●			
P103	PARTIAL GARAGE PLAN - PLUMBING	●	●					●	●	●	●		
P104	PARTIAL GARAGE PLAN - PLUMBING	●	●					●	●	●	●		
P105	FIRST FLOOR PLAN AREA B - PLUMBING	●	●						●	●	●		
P106	FIRST FLOOR PLAN AREAS C/D - PLUMBING	●	●					●	●	●	●		●
P107	FIRST FLOOR PLAN AREA E - PLUMBING	●	●							●	●		
P108	SECOND FLOOR PLAN AREA B - PLUMBING	●											
P109	SECOND FLOOR PLAN AREAS C/D - PLUMBING	●						●	●				●
P110	SECOND FLOOR PLAN AREA E - PLUMBING	●											
P111	FOURTH FLOOR PLAN AREA B - PLUMBING	●											
P112	FOURTH FLOOR PLAN AREAS C/D - PLUMBING	●						●	●				●
P113	FOURTH FLOOR PLAN AREA E PLUMBING	●											
P114	PLUMBING RISERS			●									
P115	PLUMBING RISERS			●									
P116	PLUMBING RISERS			●									
P201	TYPICAL UNIT PLANS - PLUMBING	●						●					
P202	TYPICAL UNIT PLANS - PLUMBING	●						●					
M101	PARTIAL GARAGE PLAN - HVAC	●						●		●			
M102	PARTIAL GARAGE PLAN - HVAC	●						●	●	●			
M103	FIRST FLOOR PLAN AREA B - HVAC	●											●
M104	FIRST FLOOR PLAN AREAS C/D - HVAC	●						●		●		●	
M104a	PARTIAL FIRST FLOOR PLAN AREA C - HVAC	●						●					●
M105	FIRST FLOOR PLAN AREA E - HVAC	●						●					●
M106	SECOND FLOOR PLAN AREA B - HVAC	●											●
M107	SECOND FLOOR PLAN AREAS C/D - HVAC	●											●
M108	SECOND FLOOR PLAN AREA E - HVAC	●											●
M109	FOURTH FLOOR PLAN AREA B - HVAC	●											●
M110	FOURTH FLOOR PLAN AREAS C/D - HVAC	●						●					●
M111	FOURTH FLOOR PLAN AREA E HVAC	●											
M112	ROOF FLOOR PLAN AREA B - HVAC	●											●
M113	ROOF FLOOR PLAN AREA D - HVAC	●											●
M114	ROOF FLOOR PLAN AREA E - HVAC	●											●
M201	TYPICAL UNIT PLANS - HVAC	●											
M202	TYPICAL UNIT PLANS - HVAC	●						●					
MP101	MECHANICAL DETAILS	●											
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MP103	MECHANICAL DETAILS	●											
MP104	MECHANICAL SCHEDULES	●						●		●			
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E101	PARTIAL GARAGE PLAN - ELECTRICAL	●	●					●	●	●		●	●
E102	PARTIAL GARAGE PLAN - ELECTRICAL	●	●					●	●	●		●	●
E103	FIRST FLOOR PLAN AREA B - ELECTRICAL	●						●		●	●	●	●
E104	FIRST FLOOR PLAN AREAS C/D - ELECTRICAL	●						●		●	●	●	●
E104a	PARTIAL FIRST FLOOR PLAN AREA D - LIGHTING	●								●		●	●
E104b	PARTIAL FIRST FLOOR PLAN AREA D - LIGHTING									●		●	
E105	FIRST FLOOR PLAN AREA E - ELECTRICAL	●	●							●	●	●	●
E106	SECOND FLOOR PLAN AREA B - ELECTRICAL	●	●								●	●	●
E107	SECOND FLOOR PLAN AREAS C/D - ELECTRICAL	●	●							●		●	●
E108	SECOND FLOOR PLAN AREA E - ELECTRICAL	●	●							●		●	
E109	FOURTH FLOOR PLAN AREA B - ELECTRICAL	●	●							●		●	
E110	FOURTH FLOOR PLAN AREAS C/D - ELECTRICAL	●	●					●		●		●	●
E110a	PARTIAL FOURTH FLOOR PLAN - AREA C/D - LIGHTING							●		●		●	
E111	FOURTH FLOOR PLAN AREA E ELECTRICAL	●	●							●		●	
E112	ROOF FLOOR PLAN AREA B - ELECTRICAL	●	●										●
E113	ROOF FLOOR PLAN AREA D - ELECTRICAL	●	●							●			●
E114	ROOF FLOOR PLAN AREA E - ELECTRICAL	●	●										●
E201	TYPICAL UNIT PLANS - ELECTRICAL	●	●					●		●		●	
E202	TYPICAL UNIT PLANS - ELECTRICAL	●	●					●		●		●	
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E302	ELECTRICAL DETAILS	●	●										
E303	ELECTRICAL DETAILS	●											
E304	ELECTRICAL DISTRIBUTION RISER DIAGRAM	●	●							●			
E305	ELECTRICAL SCHEDULES	●								●	●		
E306	ELECTRICAL SCHEDULES	●	●					●		●			●
E307	ELECTRICAL SCHEDULES	●	●					●		●			●
T101	GARAGE PLAN TELECOM	●											
T102	FIRST FLOOR PLAN - TELECOM	●											●
T103	SECOND FLOOR - TELECOM	●											
T104	FOURTH FLOOR - TELECOM	●											
T201	TELECOM DETAILS	●											●

10.30.2020

TR¡ ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
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	SHELL PACKAGE	7.29.19
1	BUILDING PERMIT COMMENTS	9.6.19
2	FDP RESUBMITTAL	9.11.19
3	BUILDING PERMIT COMMENTS 2	9.12.19
4	STRUCTURAL REVISION	10.16.19
5	STRUCTURAL REVISION 2	11.7.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020
9	REVISION 4	4.24.2020
10	REVISION 5	7.2.2020
11	REVISION 6	10.30.2020

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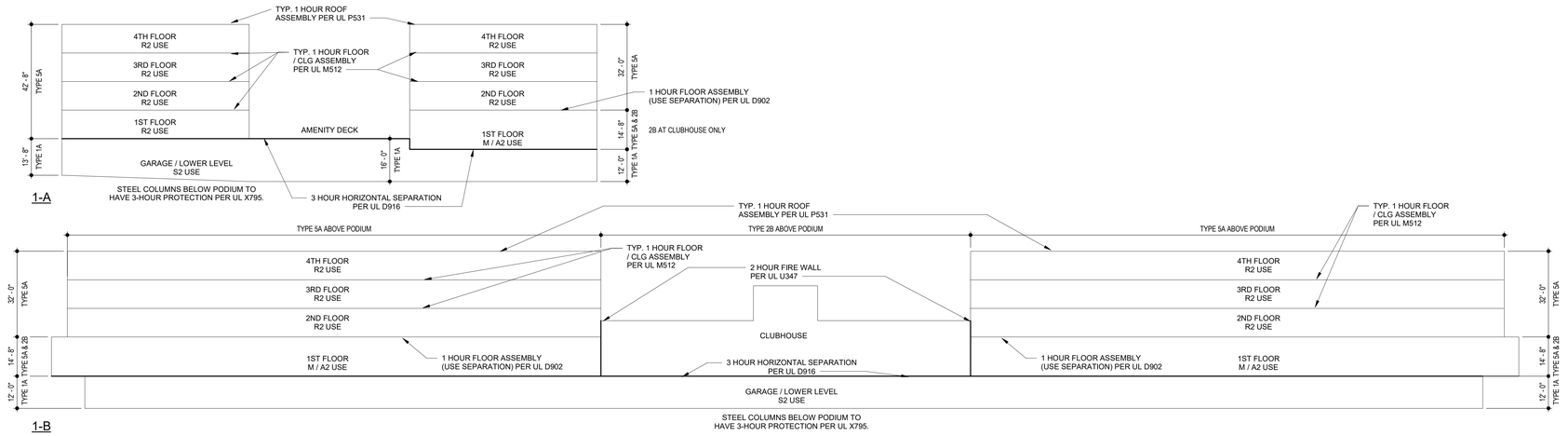
TR¡ PROJECT NO. 18-046

SHEET NO.

A001

SHEET INDEX

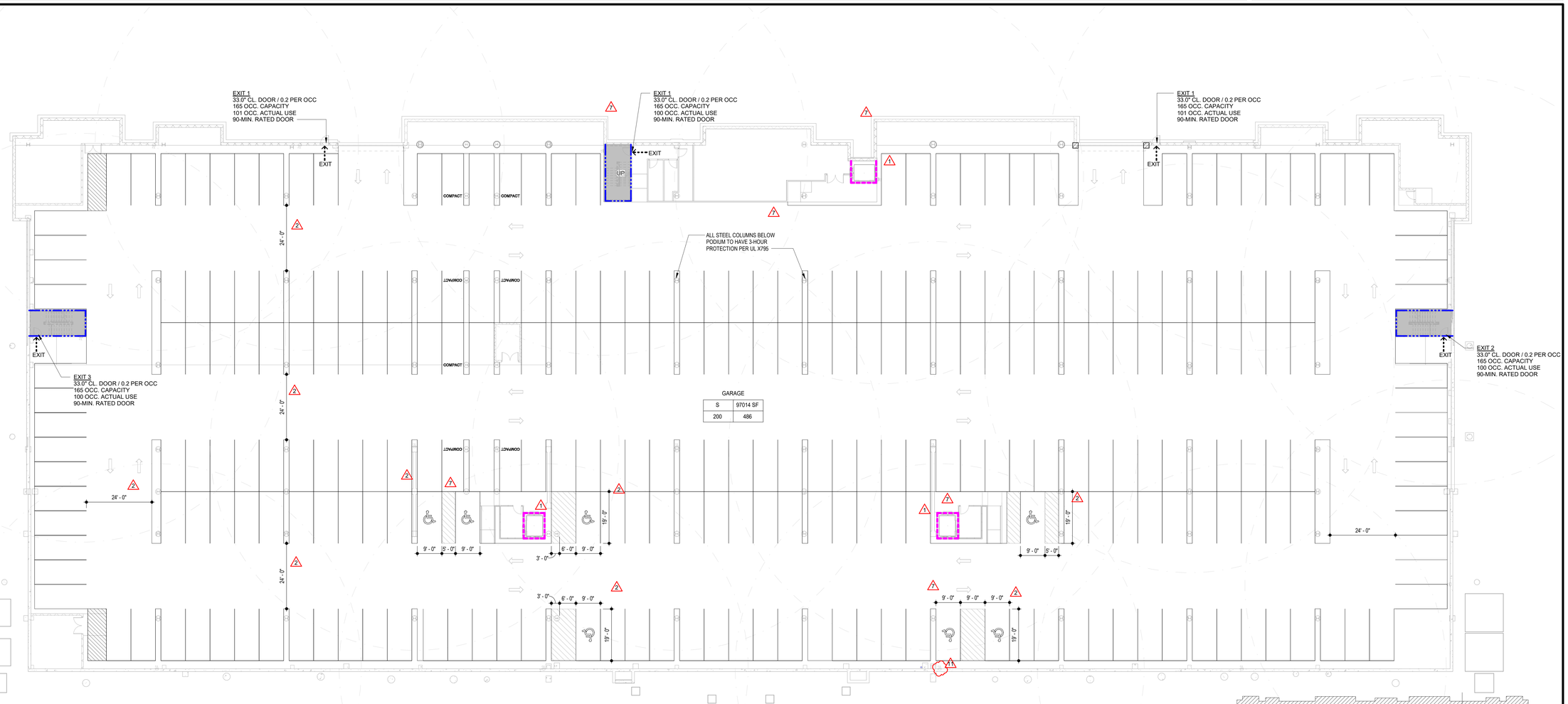


1 LIFE SAFETY BUILDING DIAGRAM

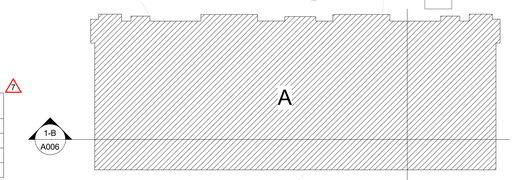
SCALE: 3/64" = 1'-0"

SYMBOL LEGEND

- AREA / 800 SF / 40 OCC. / OCCUPANTS PER UNIT / NUMBER OF OCCUPANTS
- PATH OF EGRESS
- PROPERTY LINE
- OCCUPANCY / AREA / A / 800 SF / 20 / 40 / FLOOR AREA PER OCCUPANT / NUMBER OF OCCUPANTS
- 2-HR STAIR SHAFT
- UL ASSEMBLY D782 @ RECESSED ROLLIN SHOWERS
- 1-HR FIRE PARTITION
- 1-HR FIRE BARRIER
- 1-HR RATED EXTERIOR WALL
- 2-HR FIRE PARTITION
- 2-HR FIRE BARRIER
- 2-HR SHAFT WALL
- 3-HR BEARING WALL
- 1-HR INTERIOR BEARING WALL
- FEC — FIRE EXTINGUISHER CABINET
- * — STEEL COLUMNS TO HAVE 1 HR PROTECTION PER UL X526



GARAGE PARKING CALCULATIONS	
ACCESSIBLE 9' x 19'	5
COMPACT 8' x 19'	7
STANDARD 9' x 19'	264
VAN 9' x 19'	2
TOTAL	278



4 LIFE SAFETY PLAN - GARAGE

SCALE: 1/16" = 1'-0"

ARCHITECT — TR¡ ARCHITECTS
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7	REVISION 2	1.24.20
11	REVISION 6	10.30.2020

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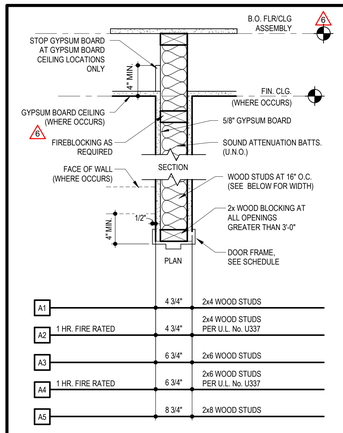
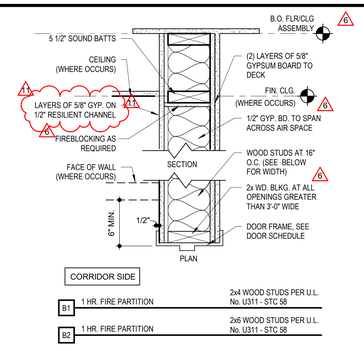
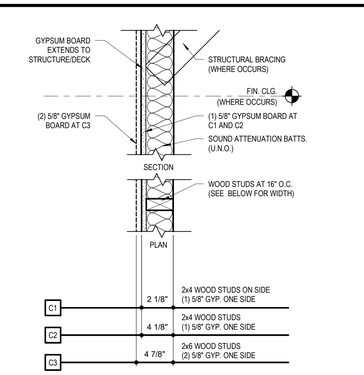
SHEET NO.

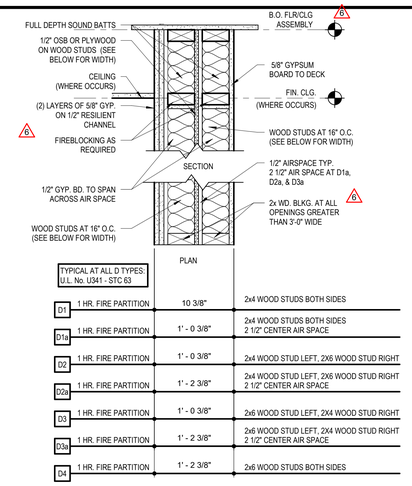
A006

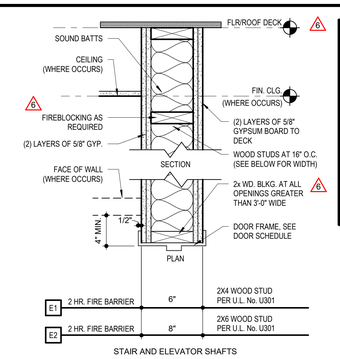
LIFE SAFETY PLAN - GARAGE





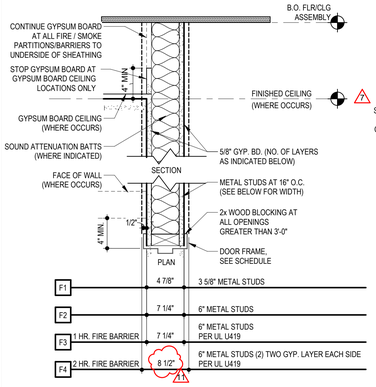


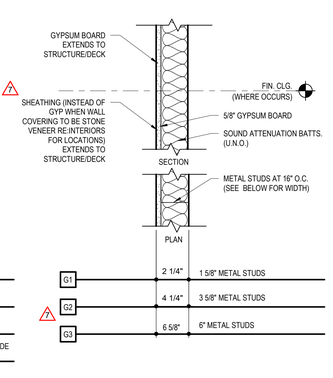


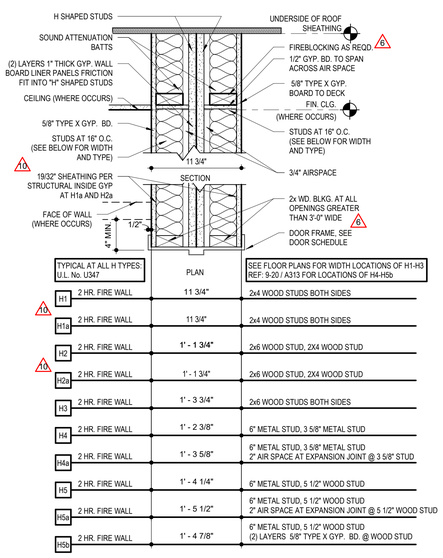


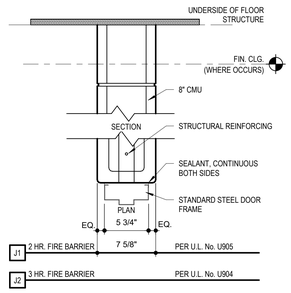
GENERAL PARTITION NOTES

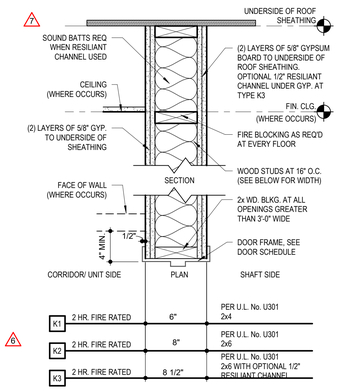
1. PROVIDE CEMENT BOARD BEHIND UNTILED WALLS.
2. PROVIDE FIRE BLOCKING AT ALL FLOORS AND CEILINGS PER IBC.
3. CONTRACTOR SHALL PROVIDE TYPE "X" OR FIRE CODE GYPSUM BOARD AT RATED ASSEMBLIES.
4. CONTRACTOR SHALL PROVIDE MOISTURE RESISTANT GYP. BOARD ON ENTIRE WALL SURFACE AT ALL WET WALL AREAS, INCLUDING TOILET ROOMS AND JANITOR'S CLOSET.
6. PROVIDE ALL SOUND TRANSMISSION REQUIREMENTS AS SHOWN ON SHEET A005.
6. HOLLOW SPACES WITHIN FIRE BARRIERS SHALL BE FIRE STOPPED W/ FIRE-SAFING @ EA. FLOOR LEVEL.

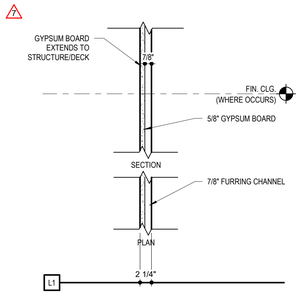




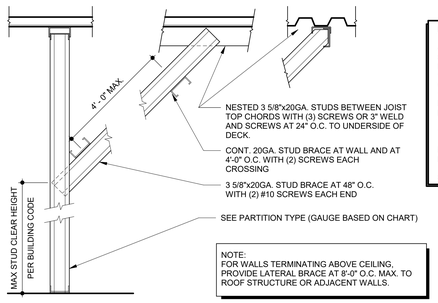








2 PARTITION TYPES
SCALE: 1 1/2" = 1'-0"



PARTITION NOTES

A. ALL METAL STUD MEMBERS SHALL BE FORMED FROM CORROSION-RESISTANT STEEL, CORRESPONDING TO THE REQUIREMENTS OF ASTM A1003 AND SHALL BE ZINC COATED WITH A MINIMUM G40 COATING MEETING ASTM A653. STUDS SHALL BE A MINIMUM 22 MIL. "C" SHAPE, 1 1/4" WIDE, OF THE DEPTHS AND SPACING SHOWN ON DRAWINGS. TRACKS SHALL BE 20 MIL., WITH A MINIMUM FLANGE OF 1 1/4". BRIDGING SHALL BE COLD ROLLED CHANNEL, MINIMUM 1 1/2" DEEP WITH 9/16" FLANGE WIDTH. SPACE BRIDGING @ 4'-0" MAXIMUM o.c. VERTICALLY. DOUBLE UP STUDS @ ALL JAMBS. ALL CONNECTIONS SHALL BE PER MANUFACTURER'S RECOMMENDATIONS. SPLICE IN HEAVY GAUGE FRAMING MEMBERS, OTHER THAN RUNNER TRACK SHALL NOT BE PERMITTED. ANCHOR RUNNER TRACK TO CONCRETE WITH .11" DIA. x 1 1/2" HILTI FASTENERS PER I.C.B.O. #2388 @ 24" o.c. MAX, PER ASTM C754.

B. ALL STUD WALLS THAT EXTEND TO STRUCTURE ABOVE MUST ALLOW FOR 3/4" DEFLECTION IN ROOF AND ELEVATED FLOORS. SEE DET. 3/A010.

C. ALL STUDS TO COMPLY WITH ICC-ES AC86-2008 & ASTM C754

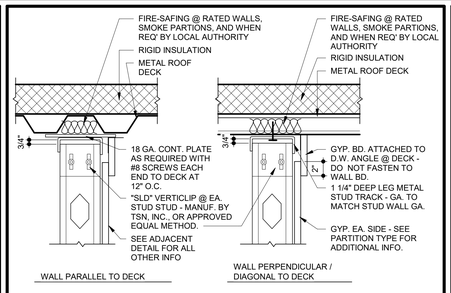
NOTE:
FOR WALLS TERMINATING ABOVE CEILING, PROVIDE LATERAL BRACE AT 8'-0" O.C. MAX. TO ROOF STRUCTURE OR ADJACENT WALLS.

3 STUD WALL BRACING
SCALE: 1/4" = 1'-0"

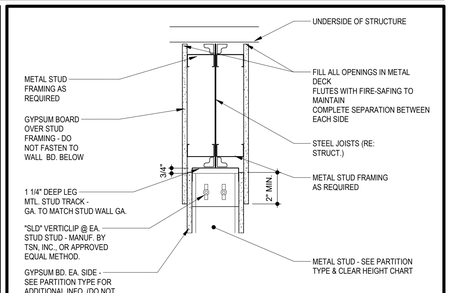
INTERIOR METAL STUDS CLEAR HEIGHT CHART

NOTE:
1. Table is based on DIETRICH ProSTUD-Drywall Non-Load Bearing (Nonstructural) Studs, with U.S.G. 5/8" Type X Gypsum Board, (Pro 2D DW Members).
2. Table is provided as basis for design only. Supplier/Contractor is responsible for verifying conditions specific to project, alternate manufacturers, etc.
3. Clear Height is the distance from floor to top of wall, or to brace location. (Horiz. or diagnal knee brace).
4. See Detail 4/A010 for bracing requirements.

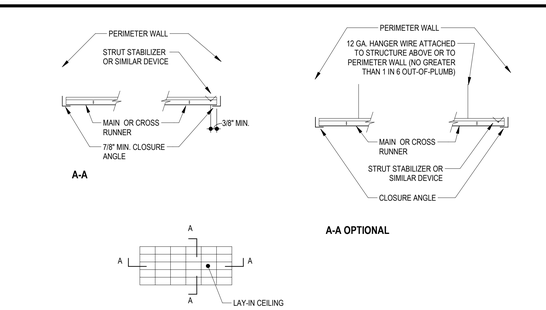
STUD SIZE	WIND LOAD: 5psf, DEFLECTION: L/120 STUD SPACING	WIND LOAD: 5psf, DEFLECTION: L/240 STUD SPACING
	16"	16"
1-5/8" x 1-1/4" x 22 mil.	13'-5"	10'-7"
2-1/2" x 1-1/4" x 22 mil.	16'-9"	13'-4"
3-1/2" x 1-1/4" x 22 mil.	20'-8"	16'-5"
3-5/8" x 1-1/4" x 22 mil.	21'-7"	17'-2"
4" x 1-1/4" x 22 mil.	23'-0"	18'-3"
5-1/2" x 1-1/4" x 22 mil.	28'-2"	22'-4"
6" x 1-1/4" x 22 mil.	30'-9"	23'-7"



15 SLIPTRACK @ ROOF DECK
SCALE: 1/4" = 1'-0"



19 TOP PLATE DETAIL
SCALE: 1/4" = 1'-0"



NOTE:

A. CONSTRUCTION AND MATERIALS TO BE IN ACCORDANCE WITH ASTM C635-04 STANDARD SPECIFICATION FOR THE MANUFACTURE, PERFORMANCE, AND TESTING OF METAL SUSPENSION SYSTEMS FOR ACOUSTICAL TILE AND LAY-IN PANEL CEILINGS & ASTM C636-04 STANDARD PRACTICE FOR INSTALLATION OF METAL CEILING SUSPENSION SYSTEMS FOR ACOUSTICAL TILE AND LAY-IN PANELS.

B. CONSTRUCTION AND INSTALLATION TO BE IN ACCORDANCE WITH ASCE 7, "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES" : SECTION 9, "EARTHQUAKE LOADS."

C. HANGER WIRES SHOWN ARE IN ADDITION TO TYPICAL CEILING SUSPENSION WIRES.

D. DO NOT HANG CEILING SYSTEM OFF OF DUCTWORK.

E. ALL WALL PARTITIONS GREATER THAN 6' IN HEIGHT SHALL BE INDEPENDENTLY BRACED TO THE BUILDING SHELL STRUCTURE. WALL PARTITIONS MAY NOT BE SUPPORTED BY THE BRACED SUSPENDED CEILING ALONE.

F. THE MAIN AND CROSS RUNNERS SHALL BE TIED TOGETHER TO PREVENT TWISTING.

G. PROVIDE NO. 12 GAUGE VERTICAL SUPPORT WIRES 4' ON CENTER SPACING ALONG THE MAIN RUNNER.

H. CEILING AREAS LESS THAN 144 SQUARE FEET SURROUNDED BY WALLS THAT CONNECT DIRECTLY TO THE STRUCTURE ABOVE SHALL BE EXEMPT FROM THE REQUIREMENTS LISTED BELOW AND DETAILS SHOWN.

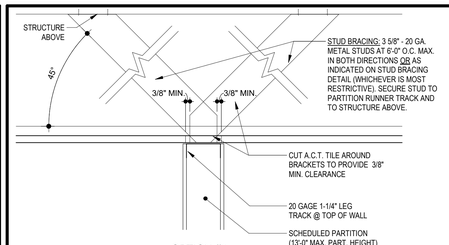
I. PROVIDE NO. 12 GAUGE VERTICAL SUPPORT WIRES ARE NEEDED IN THE FOLLOWING LOCATIONS:
1. LIGHT FIXTURES AND ATTACHMENTS WITH A COMBINED WEIGHT OF 10 POUNDS OR LESS SHALL HAVE ONE NO. 12 GAUGE WIRE CONNECTED FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE. LIGHT FIXTURES AND ATTACHMENTS WITH A COMBINED WEIGHT OF 56 POUNDS OR LESS SHALL HAVE TWO NO. 12 GAUGE WIRES ATTACHED AT DIAGONAL CORNERS OF THE FIXTURE AND CONNECTED FROM THE FIXTURE HOUSE TO THE STRUCTURE ABOVE. WIRES MAY BE SLACKED. LIGHT FIXTURES WEIGHING MORE THAN 56 POUNDS SHALL REQUIRE INDEPENDENT SUPPORT FROM THE SHELL BUILDING STRUCTURE ABOVE THE CEILING.
2. SPRINKLER HEADS AND OTHER PENETRATIONS OF THE SUSPENDED CEILING SHALL HAVE A RING,SLEEVE, OR ADAPTOR TO ALLOW 3/8" HORIZONTAL MOVEMENT IN ALL DIRECTIONS.
3. MECHANICAL AIR TERMINALS WEIGHING MORE THAN 56 POUNDS SHALL REQUIRE INDEPENDENT SUPPORT FROM THE SHELL BUILDING STRUCTURE ABOVE THE CEILING.

J. THE OVERALL WEIGHT OF THE CEILING ASSEMBLY SHALL NOT EXCEED 2.5 PSF INCLUDING LIGHTS, AIR DIFFUSERS AND ANY OTHER ITEMS SUPPORTED BY THE CEILING ASSEMBLY. IF THE CEILING ASSEMBLY IS GREATER THAN 2.5 PSF THEN LIGHT FIXTURES AND AIR DIFFUSERS SHALL BE INDEPENDENTLY SUPPORTED OR DETAILS PER SEISMIC DESIGN CATEGORY 'D' SHALL BE USED. THIS DETAIL IS BASED ON THE FOLLOWING MAX. WEIGHTS FOR THE CEILING ASSEMBLY:

MAX. WEIGHTS FOR THE CEILING ASSEMBLY:

1.250 PSF	CEILING GRID AND PANELS
0.625 PSF	LIGHT FIXTURES
0.625 PSF	HVAC DIFFUSERS AND GRILLES
2.500 PSF	TOTAL MAXIMUM WEIGHT

4 SEISMIC BRACING CEILING DETAIL - CATEGORY C
SCALE: 12" = 1'-0"



1. DESIGN BUILD CONTRACTORS TO BE RESPONSIBLE FOR PROVIDING ADEQUATE LATERAL SUPPORT TO SUSTAIN SEISMIC REQUIREMENTS AS OUTLINED IN INTERNATIONAL BUILDING CODES FOR ALL PIPES AND MECHANICAL DUCTWORK.
2. ALL LIGHT FIXTURES TO BE FASTENED TO MAIN TEE WHERE POSSIBLE. (4 SCREWS MIN.)
3. SEISMIC RESTRAINTS MAY BE OMITTED FOR THE FOLLOWING INSTALLATIONS:
   - GAS PIPING LESS THAN 1 INCH INSIDE DIAMETER.
   - PIPING IN BOILER AND MECHANICAL ROOMS LESS THAN 1 1/4" INSIDE DIAMETER.
   - ALL OTHER PIPING LESS THAN 2 1/2" INSIDE DIAMETER.
   - ALL ELECTRICAL CONDUIT LESS THAN 2 1/2" INSIDE DIAMETER.
   - ALL RECTANGULAR AIR HANDLING DUCTS LESS THAN 6 S.F. IN CROSS SECTION AREA.
   - ALL ROUND AIR HANDLING DUCTS LESS THAN 28" IN DIAMETER.
   - ALL PIPING SUSPENDED BY INDIVIDUAL HANGERS 12" OR LESS IN LENGTH FROM THE TOP OF THE PIPE TO THE BOTTOM OF THE SUPPORT FOR THE HANGER.
   - ALL DUCTS SUSPENDED BY HANGERS 12" OR LESS IN LENGTH FROM THE TOP OF THE DUCT TO THE BOTTOM OF THE SUPPORT FOR THE HANGER.

16 SEISMIC BRACING AT PARTITION - CATEGORY C
SCALE: 12" = 1'-0"

10.30.2020

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STRUCTURAL ENGINEER
CIVIL ENGINEER
GENERAL CONTRACTOR
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PLUMBING ENGINEER
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TR¡ PROJECT NO. 18-046

SHEET NO.

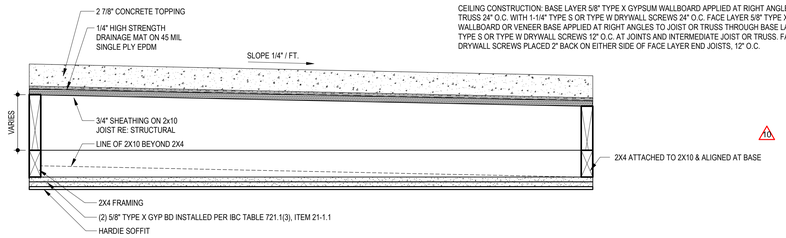
A011

PARTITION TYPES

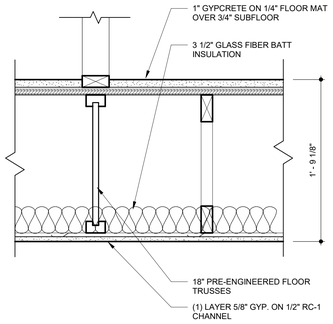
FIRE RATING ACHIEVED BY PRESCRIPTIVE METHOD FOUND IN 2018 IBC TABLE 721.1(3), ITEM 21-1.1

FLOOR OR ROOF CONSTRUCTION: WOOD JOISTS, WOOD I-JOISTS, FLOOR TRUSSES AND FLAT OR PITCHED ROOF TRUSSES SPACED A MAXIMUM 24" O.C. WITH 1/2" WOOD STRUCTURAL PANELS WITH EXTERIOR GLUE APPLIED AT RIGHT ANGLES TO TOP OF JOIST OR TOP CHORD OF TRUSSES WITH 8D NAILS. THE WOOD STRUCTURAL PANEL THICKNESS SHALL NOT BE LESS THAN NOMINAL 1/2" NOR LESS THAN REQUIRED BY CHAPTER 23.

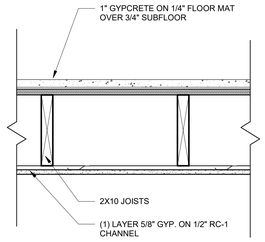
CEILING CONSTRUCTION: BASE LAYER 5/8" TYPE X GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO JOIST OR TRUSS 24" O.C. WITH 1-1/4" TYPE S OR TYPE W DRYWALL SCREWS 24" O.C. FACE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR VENEER BASE APPLIED AT RIGHT ANGLES TO JOIST OR TRUSS THROUGH BASE LAYER WITH 1-7/8" TYPE S OR TYPE W DRYWALL SCREWS 12" O.C. AT JOINTS AND INTERMEDIATE JOIST OR TRUSS. FACE LAYER TYPE G DRYWALL SCREWS PLACED 2" BACK ON EITHER SIDE OF FACE LAYER END JOISTS, 12" O.C.



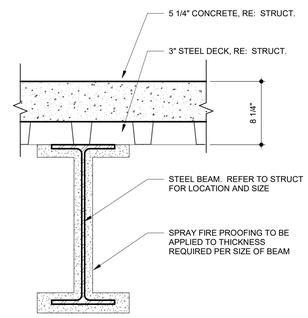
1 WOOD BALCONY ASSEMBLY
SCALE: 1 1/2" = 1'-0"



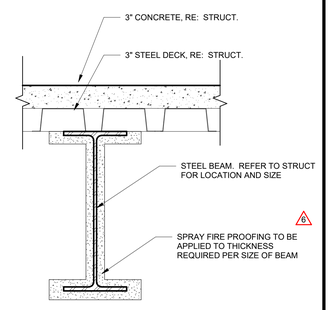
1-HR RATING PER UL DESIGN L521



1-HR RATED CORRIDOR WOOD FLOOR / ASSEMBLY PER UL L535



3-HR RATING PER UL DESIGN D916



1-HR RATING PER UL DESIGN D902

9 FLOOR CEILING ASSEMBLY
SCALE: 1 1/2" = 1'-0"

FIRE RATING ACHIEVED BY PRESCRIPTIVE METHOD FOUND IN 2018 IBC TABLE 721.1(3), ITEM 21-1.1

FLOOR OR ROOF CONSTRUCTION: WOOD JOISTS, WOOD I-JOISTS, FLOOR TRUSSES AND FLAT OR PITCHED ROOF TRUSSES SPACED A MAXIMUM 24" O.C. WITH 1/2" WOOD STRUCTURAL PANELS WITH EXTERIOR GLUE APPLIED AT RIGHT ANGLES TO TOP OF JOIST OR TOP CHORD OF TRUSSES WITH 8D NAILS. THE WOOD STRUCTURAL PANEL THICKNESS SHALL NOT BE LESS THAN NOMINAL 1/2" NOR LESS THAN REQUIRED BY CHAPTER 23.

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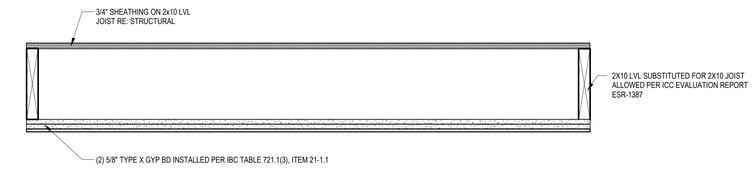
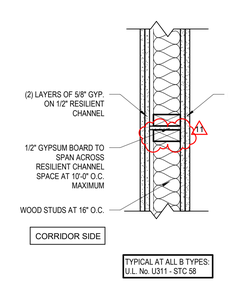
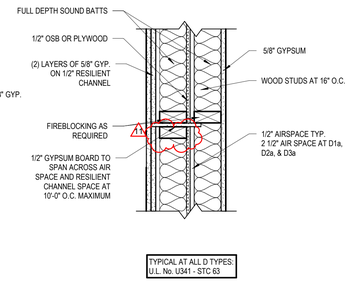


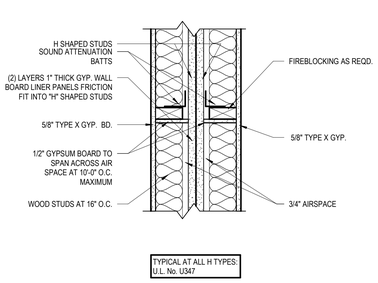
2 ROOF DECK ASSEMBLY
SCALE: 1 1/2" = 1'-0"



TYPICAL AT ALL B TYPES:
U.L. No. U311 - STC 58



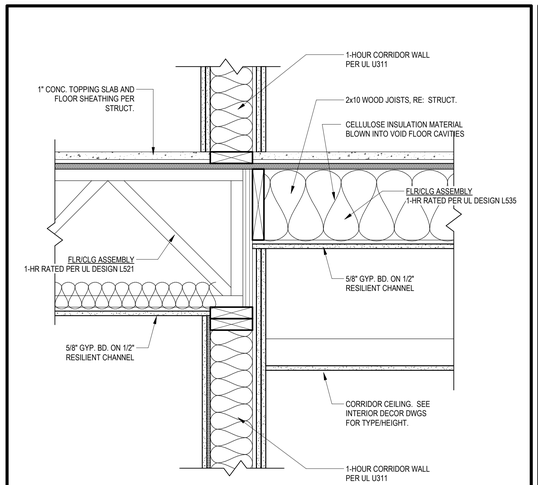
TYPICAL AT ALL D TYPES:
U.L. No. U341 - STC 63



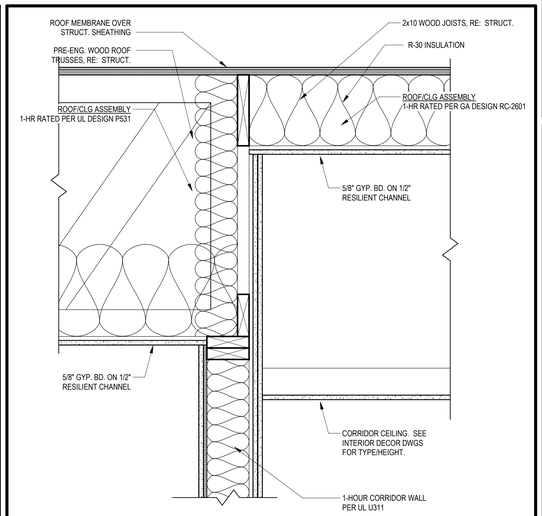
TYPICAL AT ALL H TYPES:
U.L. No. U347

REFER TO PARTITION TYPES FOR HORIZONTAL FIRE BLOCKING INFORMATION

10 FIREBLOCKING DETAILS
SCALE: 1 1/2" = 1'-0"



4 CORRIDOR FLOOR TRANSITION
SCALE: 1 1/2" = 1'-0"



8 ROOF TRANSITION AT CORRIDOR
SCALE: 1 1/2" = 1'-0"

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REVISIONS

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020
11	REVISION 6	10.30.2020

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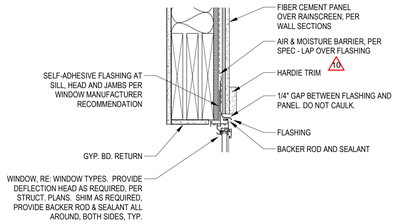
TR¡ PROJECT NO. 18-046

SHEET NO.

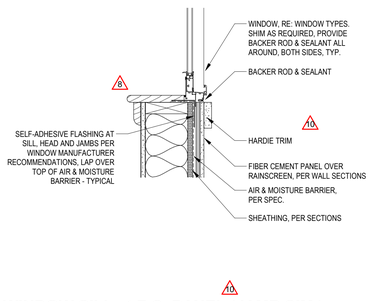
A012

FLOORING ASSEMBLIES



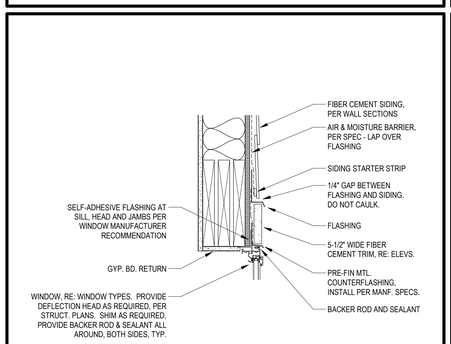
1 WINDOW HEAD at F.C. PANEL

SCALE: 1 1/2" = 1'-0"



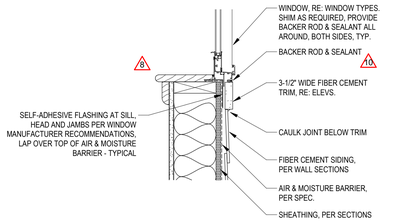
2 WINDOW SILL at F.C. PANEL (JAMB SIM.)

SCALE: 1 1/2" = 1'-0"



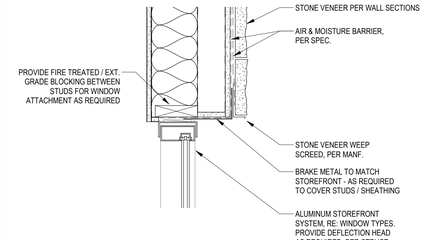
3 WINDOW HEAD at F.C. SIDING W/ TRIM

SCALE: 1 1/2" = 1'-0"



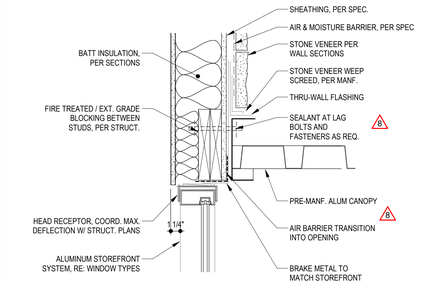
4 WINDOW SILL AT F.C. SIDING W/ TRIM (JAMB SIM

SCALE: 1 1/2" = 1'-0"



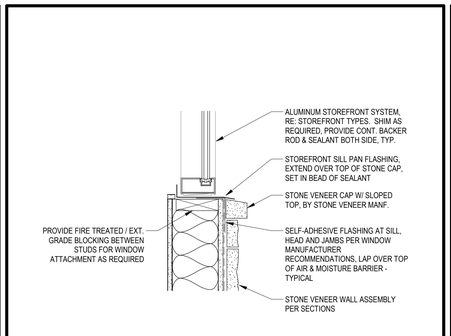
5 STOREFRONT HEAD at STONE (JAMB SIM.)

SCALE: 1 1/2" = 1'-0"



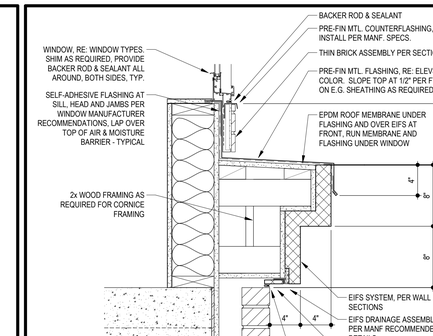
6 STOREFRONT HEAD at STONE / CANOPY

SCALE: 1 1/2" = 1'-0"



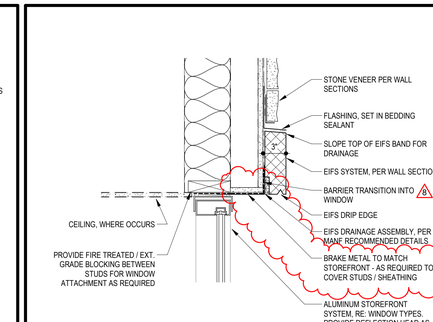
7 STOREFRONT SILL at STONE VENEER W/ CAP

SCALE: 1 1/2" = 1'-0"



11 WINDOW SILL at EIFS CORNICE / BRICK SILL

SCALE: 1 1/2" = 1'-0"

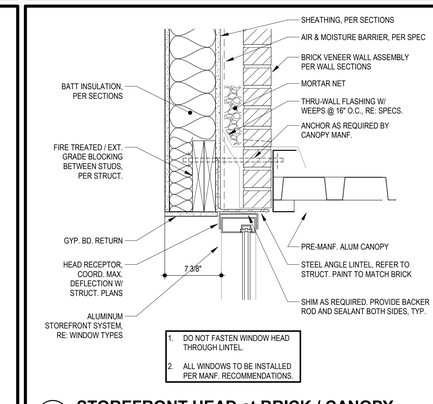


13 STOREFRONT HEAD at EIFS SOFFIT / CANOPY

SCALE: 1 1/2" = 1'-0"

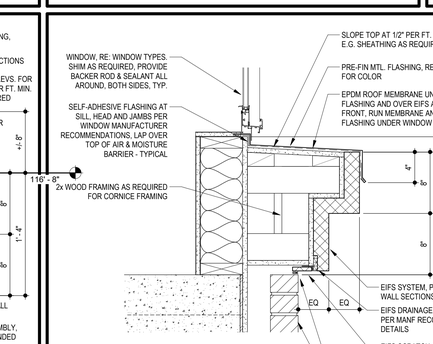
17 STOREFRONT TRANSOM

SCALE: 1 1/2" = 1'-0"



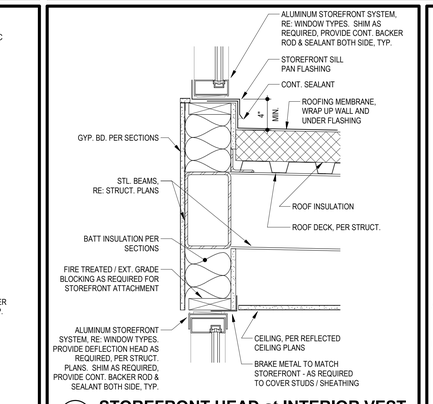
14 STOREFRONT HEAD at INTERIOR VEST.

SCALE: 1 1/2" = 1'-0"



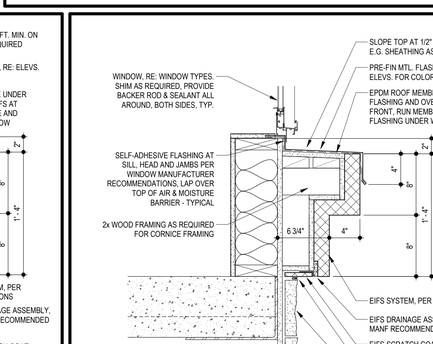
10 STOREFRONT HEAD at BRICK / CANOPY

SCALE: 1 1/2" = 1'-0"



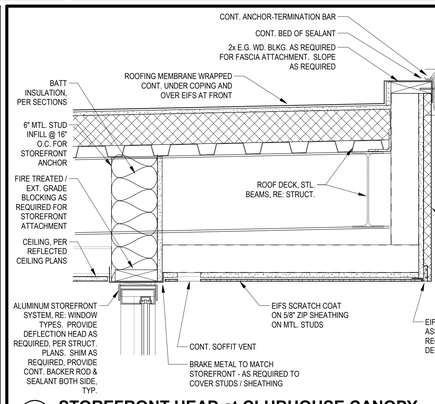
15 WINDOW SILL at EIFS CORNICE / SHT MTL SILL

SCALE: 1 1/2" = 1'-0"



19 WINDOW SILL at EIFS CORNICE / STONE

SCALE: 1 1/2" = 1'-0"

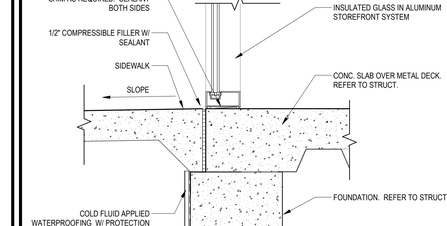


18 STOREFRONT HEAD at CLUBHOUSE CANOPY

SCALE: 1 1/2" = 1'-0"

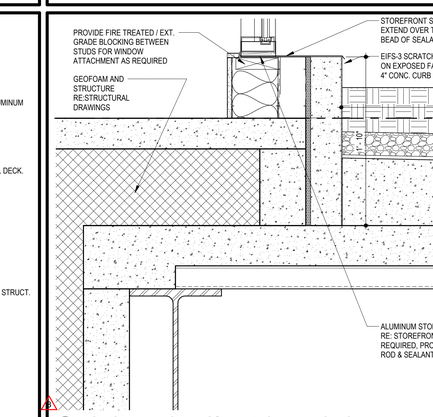
DETAIL ENLARGED, NAME CHANGED, AND MOVED TO 16/A021

6



12 STOREFRONT SILL AT SIDEWALK

SCALE: 1 1/2" = 1'-0"



16 STOREFRONT SILL at CLUBHOUSE PLANTER

SCALE: 1 1/2" = 1'-0"

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REVISIONS 8

	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020
11	REVISION 6	10.30.2020

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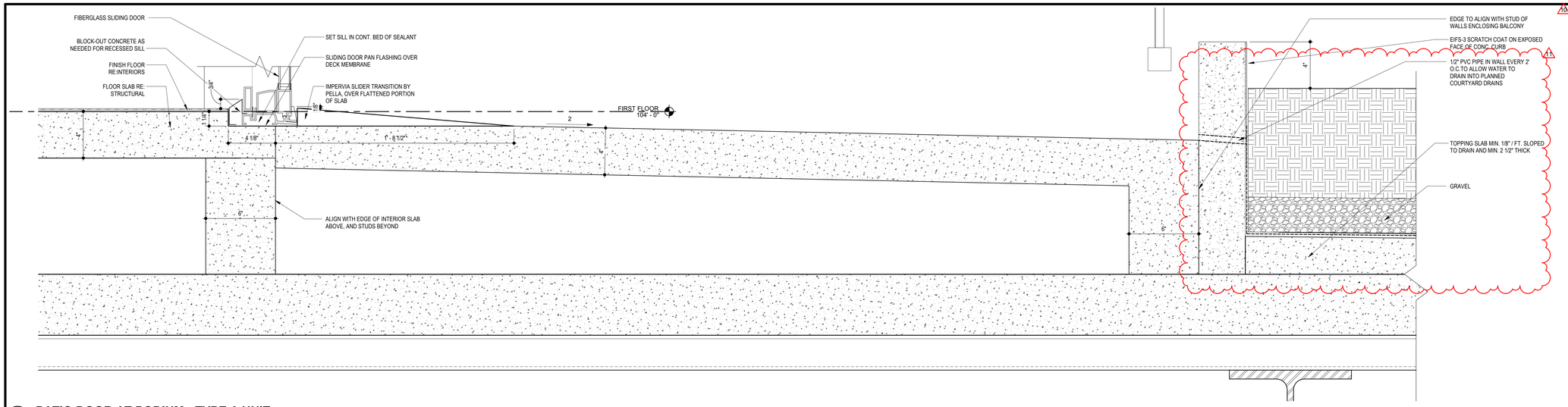
TR.i PROJECT NO. 18-046

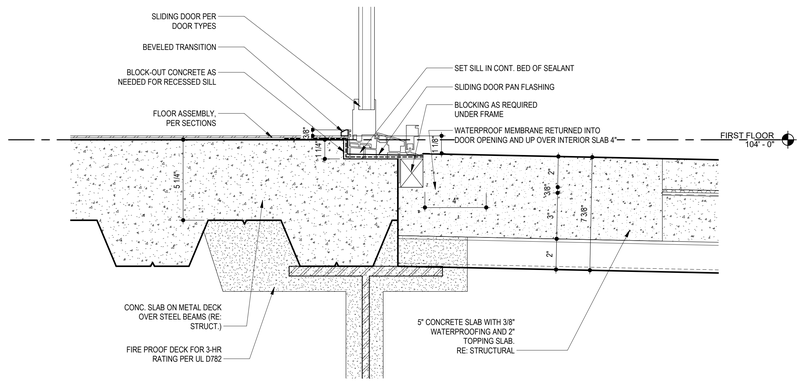
SHEET NO.

A021

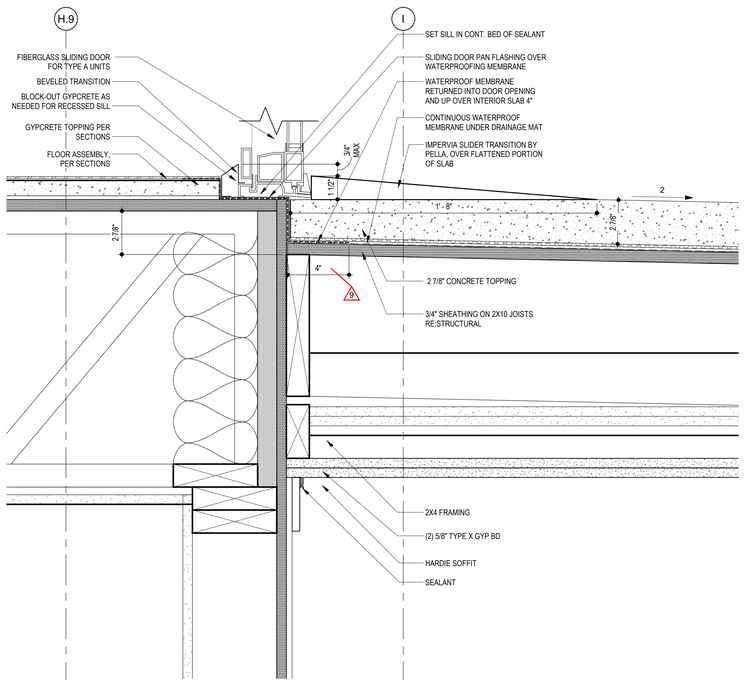
WINDOW DETAILS



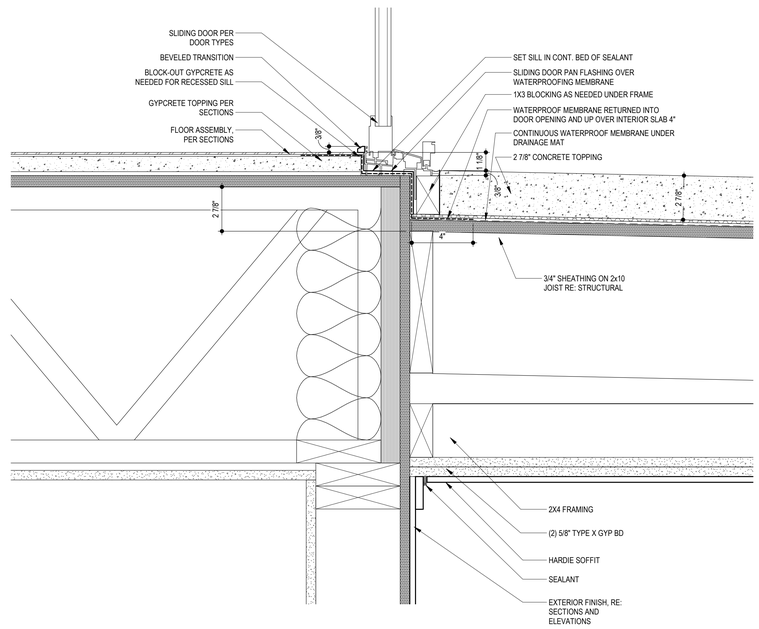
1 PATIO DOOR AT PODIUM - TYPE A UNIT
SCALE: 3" = 1'-0"



2 PATIO DOOR AT PODIUM - TYPE B UNIT
SCALE: 3" = 1'-0"



4 PATIO DOOR AT WOOD BALCONY - TYPE A UNIT
SCALE: 3" = 1'-0"



12 PATIO DOOR AT WOOD BALCONY - TYPE B UNIT
SCALE: 3" = 1'-0"

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BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
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REVISIONS

8	REVISION 3	4.3.2020
9	REVISION 4	4.24.2020
10	REVISION 5	7.2.2020
11	REVISION 6	10.30.2020

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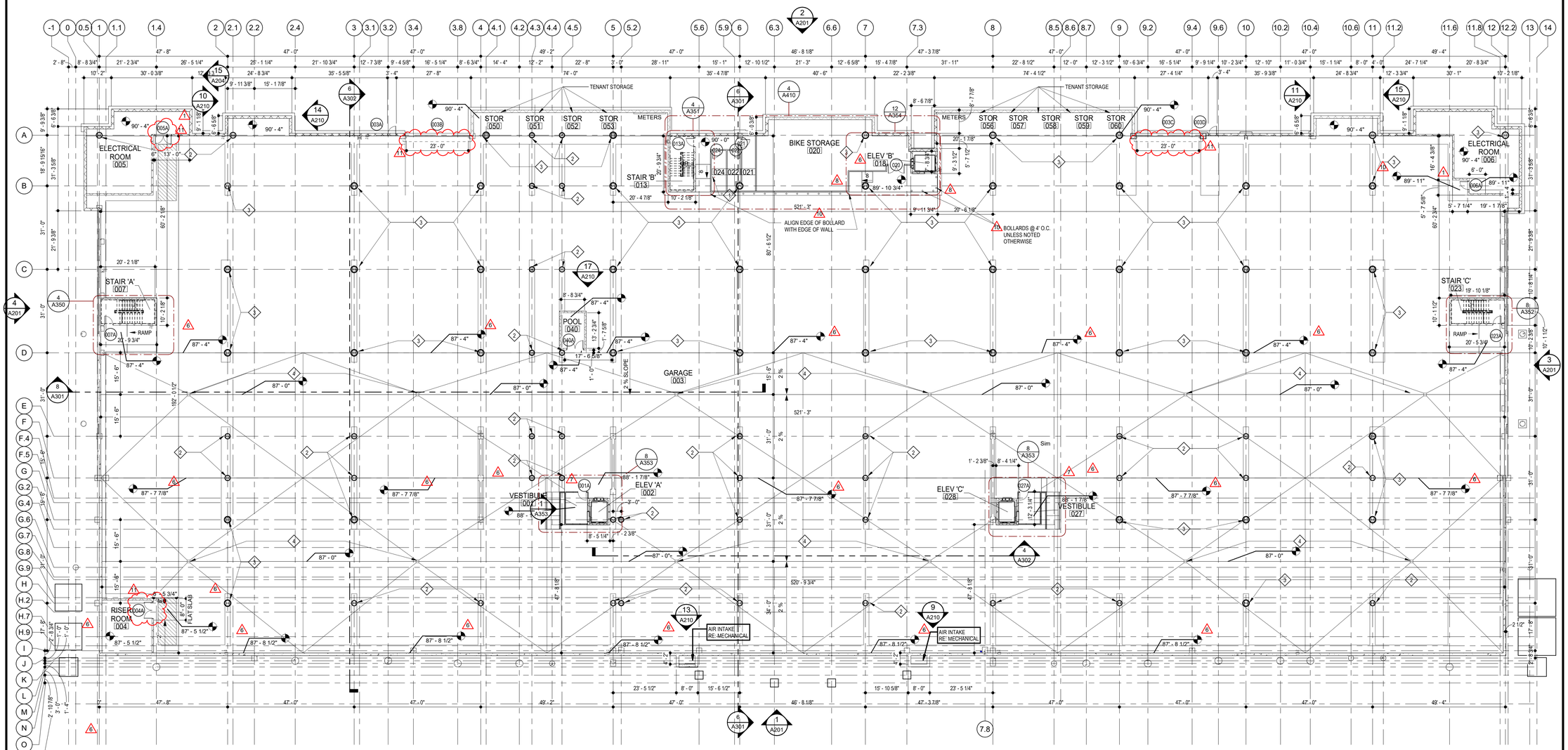
TR¡ PROJECT NO. 18-046

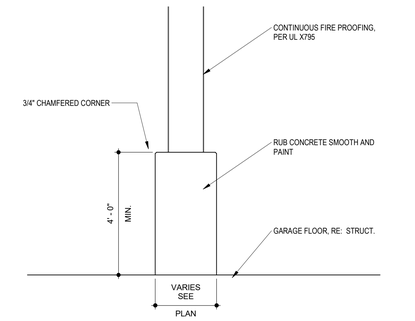
SHEET NO.
A032

DOOR DETAILS



3 GARAGE PLAN

SCALE: 1/16" = 1'-0"



4 CONCRETE BASE AT GARAGE COLUMNS

SCALE: 1/2" = 1'-0"

KEYED NOTES

1. CONCRETE WALL TO 3'-0" A.F.F.
2. 2'-0" DIA. CONCRETE COLUMN WRAP TO 4'-0" A.F.F PER IBC TABLE 722.5.1(7). SEE 4/A101A
3. 2'-6" DIA. CONCRETE COLUMN WRAP TO 4'-0" A.F.F PER IBC TABLE 722.5.1(7). SEE 4/A101A
4. DRAIN - COORDINATE WITH PLUMBING PLANS FOR FINAL DESIGN.
5. SPRAY-ON FIRE PROOFING ON ALL EXPOSED STEEL COLUMNS PER UL NO. X795 (TYP).

GENERAL NOTES

A. SEE STRUCTURAL PLANS FOR FLOOR SLAB CONTROL JOINTS.

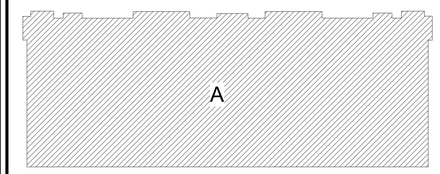
B. COORDINATE TYPICAL GARAGE DETAILS.

C. COORDINATE WITH MECHANICAL, ELECTRICAL AND PLUMBING PLANS FOR RELATED ITEMS APPLICABLE TO EACH DISCIPLINE.

D. COORDINATE TRAFFIC / PARKING STRIPING. YELLOW STRIPING TYPICAL. COORDINATE ADA COLORS PER ICC A117.1.

E. MINIMUM SLOPE TO FLOOR DRAINS 3/16" / FT.

F. SEE PARKING PLAN ON A101B FOR ACCESSIBLE AND VAN PARKING LOCATION



PLAN NORTH TRUE NORTH

10.30.2020

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DATE: 7.29.19

REVISIONS

	SHELL PACKAGE	7.29.19
1	BUILDING PERMIT COMMENTS	9.6.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020
11	REVISION 6	10.30.2020

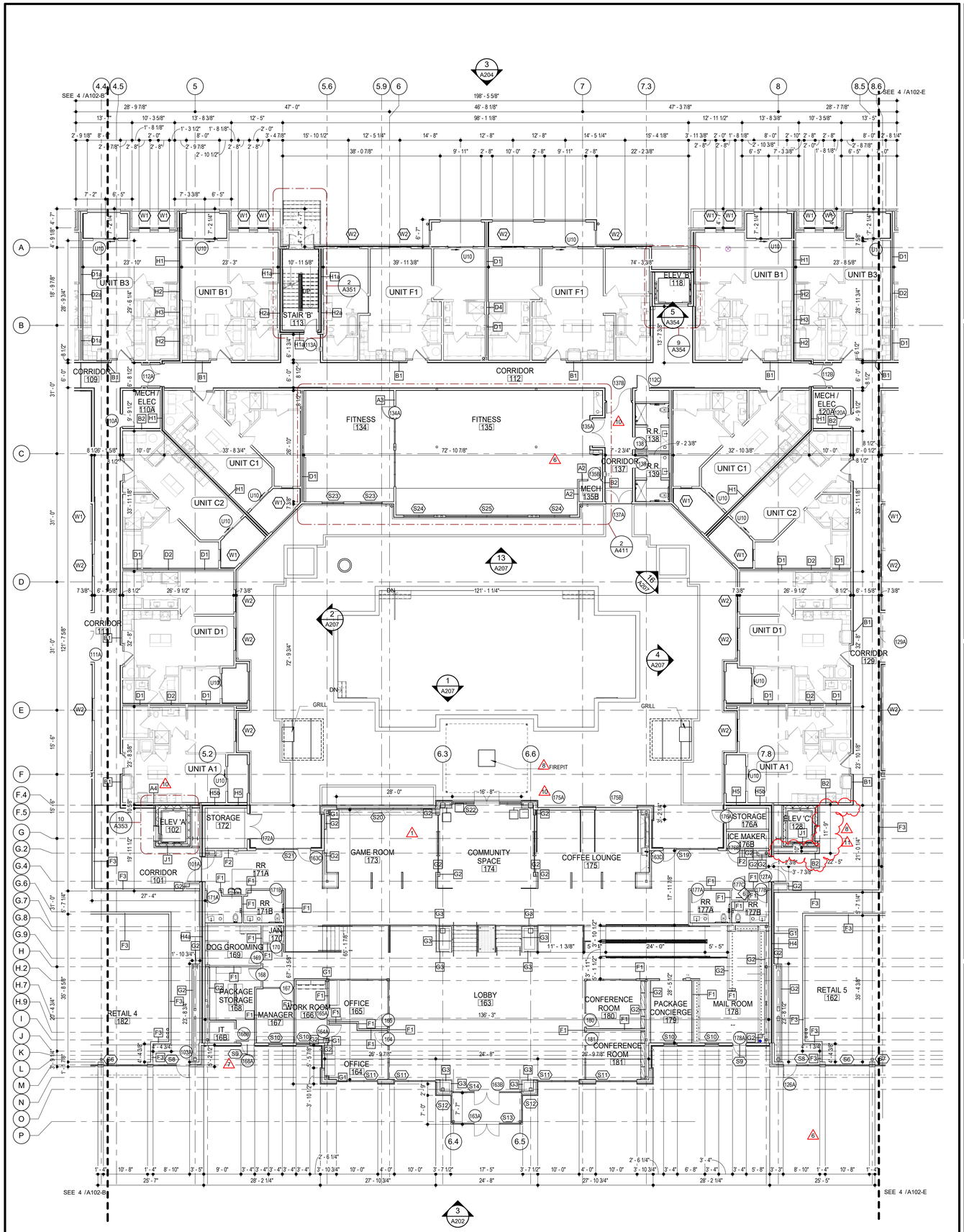
DWG BY MKSS

TR¡ PROJECT NO. 18-046

SHEET NO.

A101A

GARAGE FLOOR PLAN



1 FIRST FLOOR PLAN - BLDG. C/D

SCALE: 3/32" = 1'-0"

GENERAL NOTES

A. EXTERIOR DIMENSIONS ARE TO FACE OF STUD OR FACE OF MASONRY. INTERIOR DIMENSIONS ARE TO FINISH FACE OF WALL.

B. FOR DOOR SCHEDULE SEE SHEET A013 XXX

C. FOR WINDOW SCHEDULE SEE SHEET A014 X

D. FOR PARTITION TYPES SEE SHEET A011 X

6 E. FOR UNIT INTERIOR PARTITION TYPES AND LOCATIONS REFER TO UNIT SHEETS (A50 THROUGH A164).

F. A MINIMUM RATED 1A:10B:C FIRE EXTINGUISHER TO BE PROVIDED IN EACH UNIT. FIRE EXTINGUISHERS ARE TO BE LOCATED EVERY 75'-0" IN CORRIDORS (MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER).

G. CONTROL JOINTS SHOULD BE SPACED IN GYPSUM WALL BOARD TO LIMIT EXPANSES TO 30'-0" MAXIMUM. CONTROL JOINTS ARE RECOMMENDED AT DOOR JAMBS EXTENDING FROM DOOR HEAD TO CEILING. CEILING GYPSUM BOARD CONTROL JOINTS SHOULD LIMIT THE CEILING AREA TO 2,500 SF MAX. AND 50'-0" IN EITHER DIRECTION. CONTROL JOINT SHOULD BE INSTALLED WHERE THERE IS A CHANGE IN DIRECTION IN CEILING FRAMING/FURRING OR SPACE CONTROL JOINTS AT THE CEILING AND WALL PER THE MANUFACTURER'S RECOMMENDED INSTALLATION GUIDELINES. CEILING AND WALL CONTROL JOINTS ARE TO ALIGN AT ALL INTERSECTIONS WHERE APPLICABLE TO FORM A CONTINUOUS CONTROL JOINT. ENSURE THAT CONTROL JOINTS ARE LOCATED AT STRUCTURAL CONSTRUCTION JOINTS AND AT THE TOP AND BOTTOM OF ALL INTERIOR RAMPS.

6 H. UNLESS NOTED OTHERWISE, CORRIDOR PARTITION TYPE IN RESIDENTIAL AREA TO BE B2 UNIT ENTRY RECESS PARTITION TYPE TO BE A2, AND PARTITION TYPE BEHIND REFRIGERATOR TO BE B1

I. COORDINATE LOCATION OF BEARING WALLS INSIDE DWELLING UNITS WITH UNIT PLANS.

J. REFER TO LIFE SAFETY PLANS FOR ADDITIONAL INFORMATION ON FIRE RATED PARTITION LOCATIONS.

1 K. NO PENETRATIONS WITHIN 4' OF FIRE WALLS. VERIFY IN FIELD.

KEYED NOTES ◇

6 1. ADDITIONAL LAYER OF GYP. BD. (NOT SHOWN IN PARTITION TYPE) TO ALIGN WITH ADJACENT PARTITION'S GYP. BD.

2. ENCLOSED COLUMN AND CROSS BRACE TO SMALLEST SIZE POSSIBLE WITH STUD/GYP. BD. FURRING.

3. EXTERIOR 1-HR FIRE RATED PARTITION PER UL U356. SEE LIFE SAFETY PLANS FOR EXTENT OF RATING.

4. TYPICAL ALL STEEL COLUMNS AND STEEL BRACES ON 1ST AND 2ND FLOORS: WRAP IN GYP. BD. FOR 1-HOUR PROTECTION PER UL X526.

5. EXTERIOR 2-HR FIRE RATED PARTITION PER UL U302.

6. LADDER TO ROOF HATCH.

7. TAPERED CRICKETS AS REQUIRED. SLOPE 1/2" PER FOOT MINIMUM.

8. FULLY ADHERED T.P.O. ROOF MEMBRANE.

9. PRIMARY AND OVERFLOW ROOF DRAINS. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.

10. REFER TO INTERIOR DECOR DRAWINGS FOR ADDITIONAL INFORMATION IN THIS AREA.

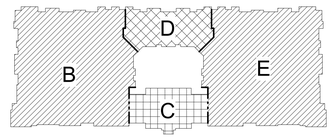
11. ENCLOSE EXHAUST VENT FROM CLUB ROOM FIRE PLACE WITH STUDS/GYP. BD. TO SMALLEST SIZE POSSIBLE.

12. TAPERED INSULATION TO THRU WALL SCUPPER SEE 19/A312.

13. PAVERS ON PEDESTALS OVER TAPERED INSULATION AND FLOOR DRAINS. KEYED NOTES

14. EXPANSION JOINT RE: 10/A323

15. EXPANSION JOINT RE: 14/A325 7



10.30.2020

TR¡ ARCHITECTS	ARCHITECT
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RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
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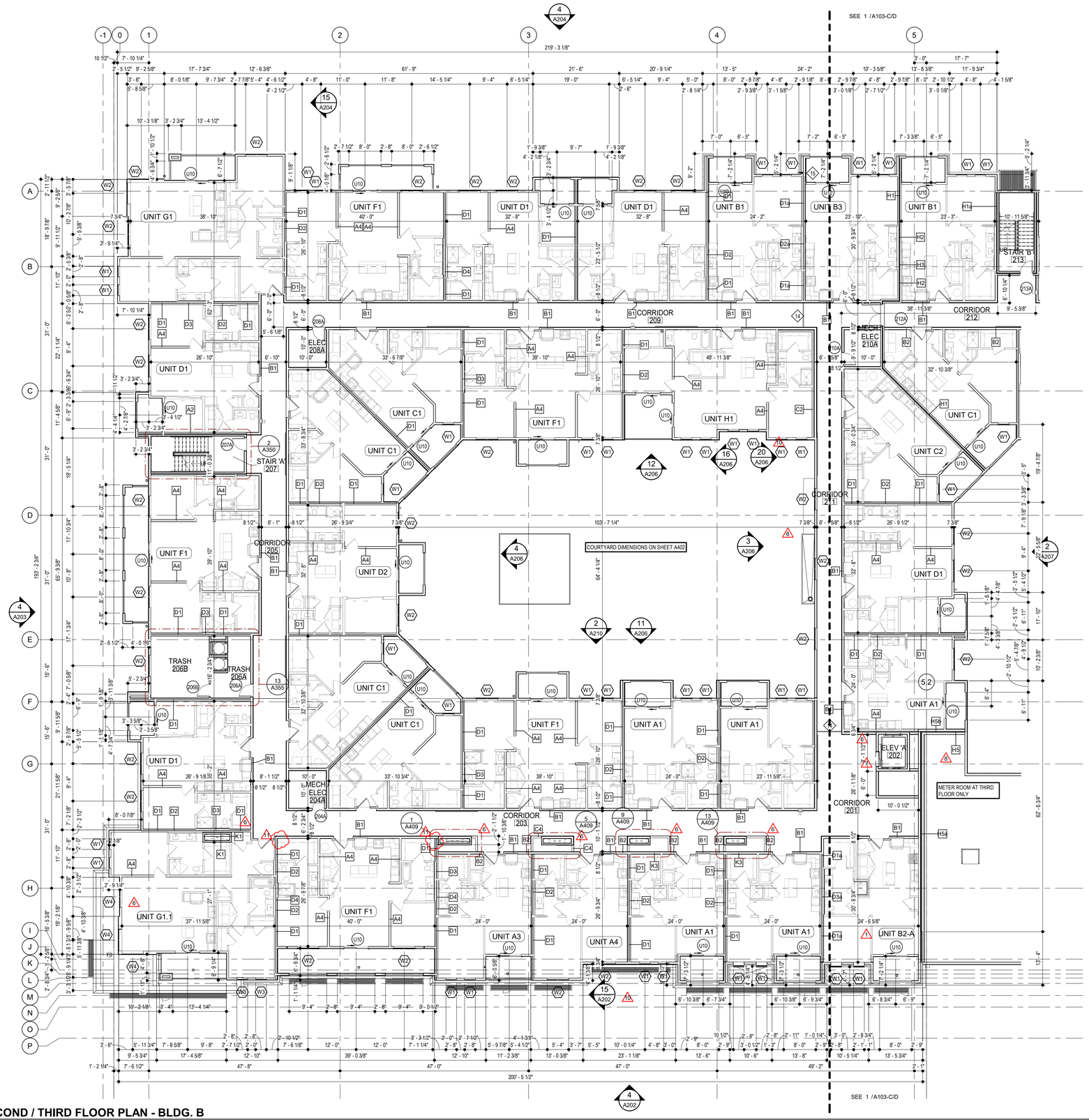
TR¡ PROJECT NO. 18-046

SHEET NO.

A102-C/D

FIRST FLOOR PLAN - BLDG. C/D



4 **SECOND / THIRD FLOOR PLAN - BLDG. B**
SCALE: 3/32" = 1'-0"

GENERAL NOTES

A. EXTERIOR DIMENSIONS ARE TO FACE OF STUD OR FACE OF MASONRY. INTERIOR DIMENSIONS ARE TO FINISH FACE OF WALL.

B. FOR DOOR SCHEDULE SEE SHEET A013 XXX

C. FOR WINDOW SCHEDULE SEE SHEET A014 X

D. FOR PARTITION TYPES SEE SHEET A011 X

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6 H. UNLESS NOTED OTHERWISE, CORRIDOR PARTITION TYPE IN RESIDENTIAL AREA TO BE B2 UNIT ENTRY RECESS PARTITION TYPE TO BE A2, AND PARTITION TYPE BEHIND REFRIGERATOR TO BE B1

I. COORDINATE LOCATION OF BEARING WALLS INSIDE DWELLING UNITS WITH UNIT PLANS.

J. REFER TO LIFE SAFETY PLANS FOR ADDITIONAL INFORMATION ON FIRE RATED PARTITION LOCATIONS.

1 K. NO PENETRATIONS WITHIN 4' OF FIRE WALLS. VERIFY IN FIELD.

KEYED NOTES ◇

6

1. ADDITIONAL LAYER OF GYP. BD. (NOT SHOWN IN PARTITION TYPE) TO ALIGN WITH ADJACENT PARTITION'S GYP. BD.
2. ENCLOSED COLUMN AND CROSS BRACE TO SMALLEST SIZE POSSIBLE WITH STUD/GYP. BD. FURRING.
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5. EXTERIOR 2-HR FIRE RATED PARTITION PER UL U302.
6. LADDER TO ROOF HATCH.
7. TAPERED CRICKETS AS REQUIRED. SLOPE 1/2" PER FOOT MINIMUM.
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9. PRIMARY AND OVERFLOW ROOF DRAINS. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
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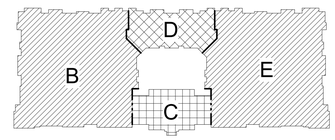
13. PAVERS ON PEDESTALS OVER TAPERED INSULATION AND FLOOR DRAINS. KEYED NOTES
14. EXPANSION JOINT RE: 10/A323
15. EXPANSION JOINT RE: 14/A325 7



PLAN NORTH TRUE NORTH

10.30.2020

ARCHITECT — TRi ARCHITECTS
STRUCTURAL ENGINEER — BOB D CAMPBELL & COMPANY
CIVIL ENGINEER — RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR — BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER — LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER — LATIMER SOMMERS & ASSOCIATES
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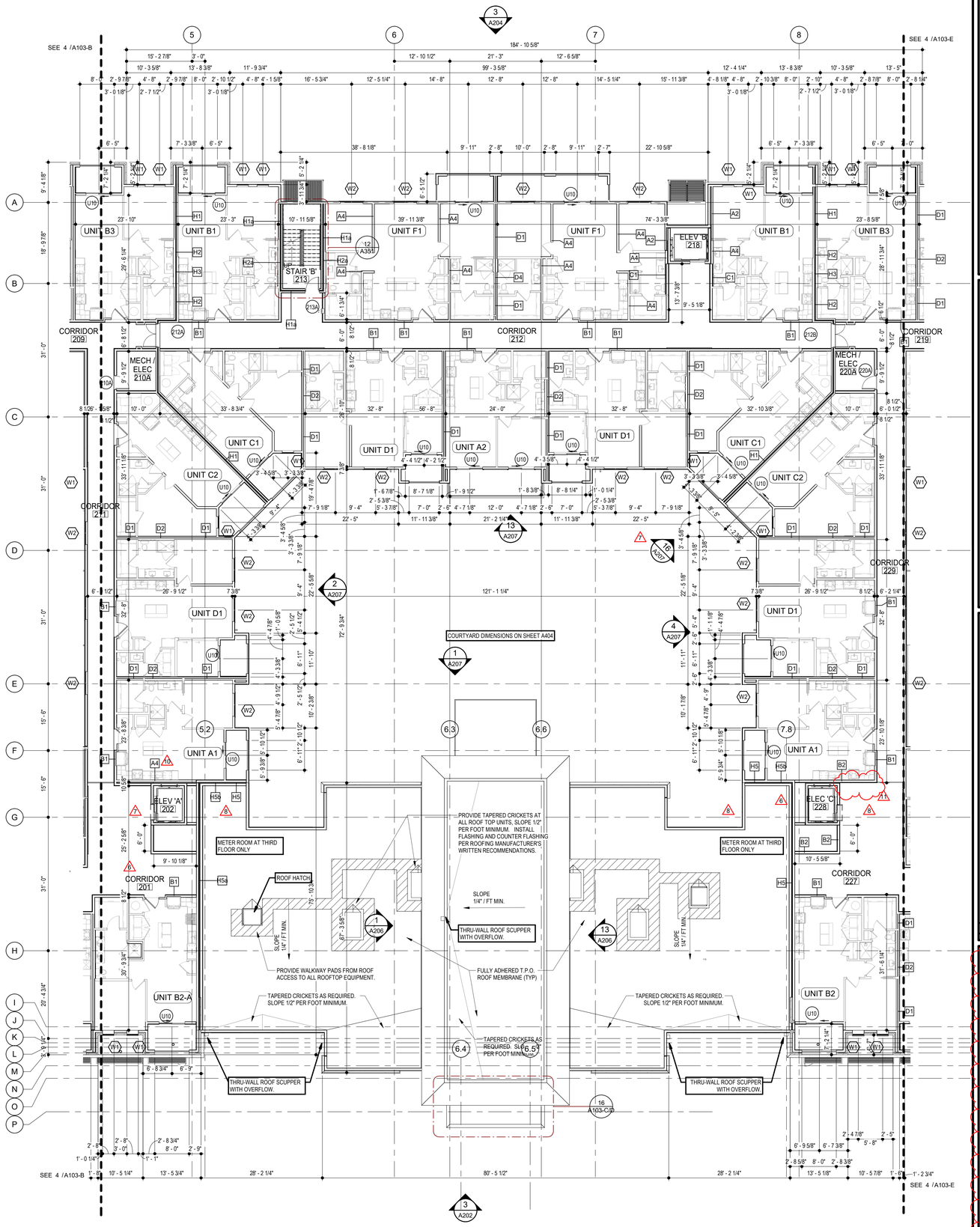
TR¡I PROJECT NO. 18-046

SHEET NO.

A103-B

SECOND / THIRD FLOOR PLAN - BLDG. B



1 SECOND / THIRD FLOOR PLAN - BLDG. C/D

SCALE: 3/32" = 1'-0"

GENERAL NOTES

A. EXTERIOR DIMENSIONS ARE TO FACE OF STUD OR FACE OF MASONRY. INTERIOR DIMENSIONS ARE TO FINISH FACE OF WALL.

B. FOR DOOR SCHEDULE SEE SHEET A013 XXX

C. FOR WINDOW SCHEDULE SEE SHEET A014 X

D. FOR PARTITION TYPES SEE SHEET A011 X

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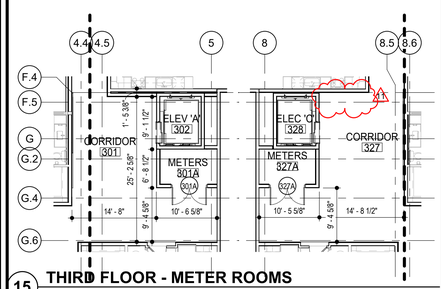
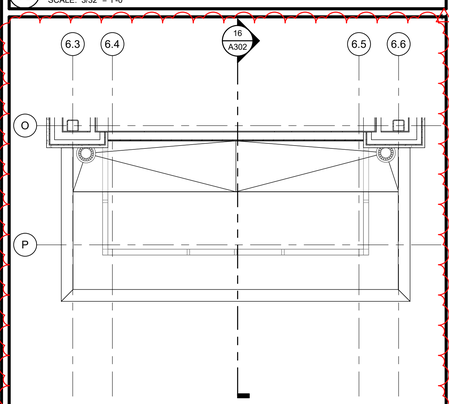


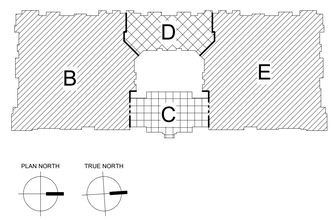
15 THIRD FLOOR - METER ROOMS

SCALE: 3/32" = 1'-0"



16 MAIN VESTIBULE DRAINS

SCALE: 1/4" = 1'-0"



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11	REVISION 6	10.30.2020

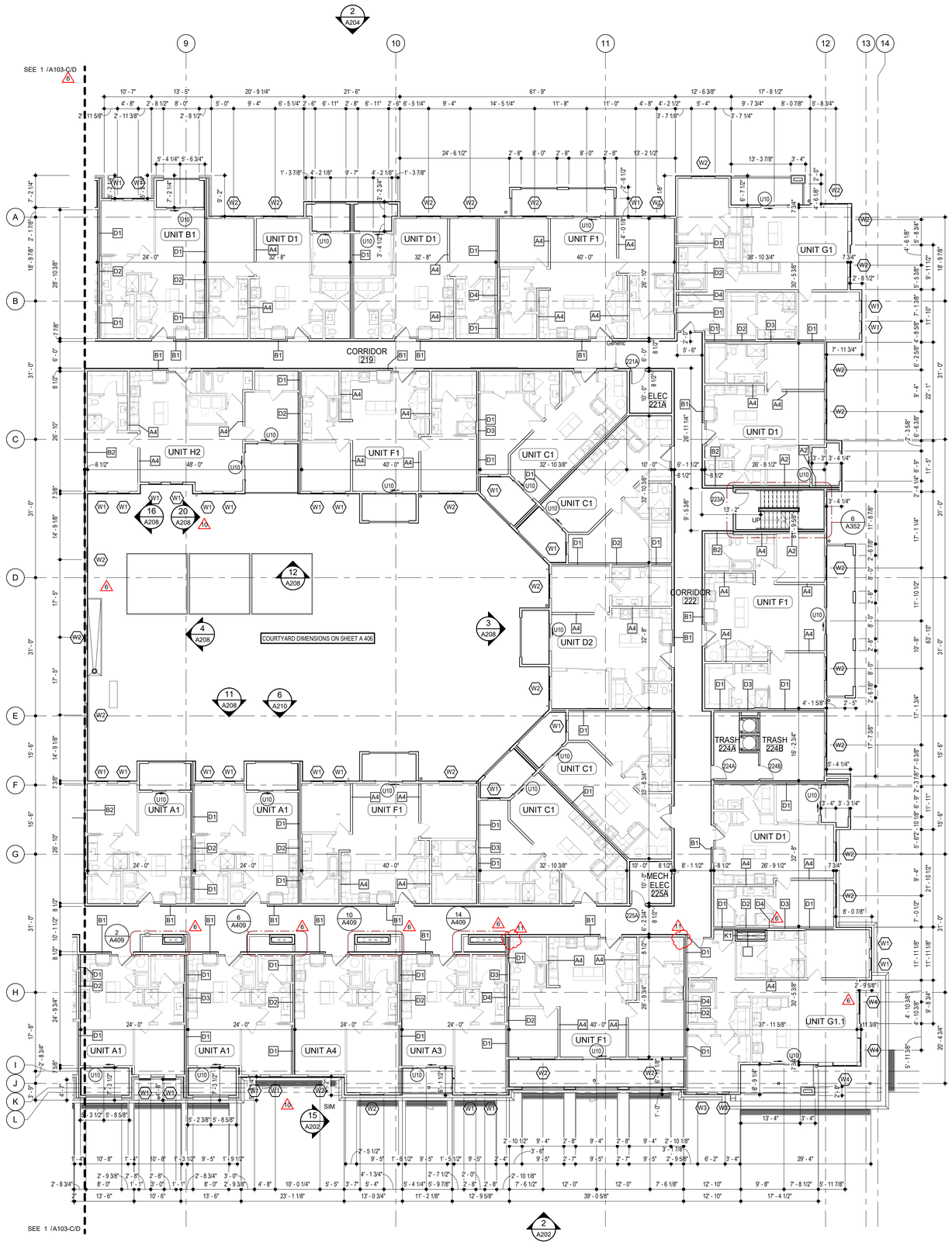
DWG BY MKSS

TRi PROJECT NO. 18-046

SHEET NO.

A103-C/D

SECOND / THIRD FLOOR PLAN - BLDG. C/D



4 SECOND / THIRD FLOOR PLAN - BLDG. E

SCALE: 3/32" = 1'-0"

GENERAL NOTES

A. EXTERIOR DIMENSIONS ARE TO FACE OF STUD OR FACE OF MASONRY. INTERIOR DIMENSIONS ARE TO FINISH FACE OF WALL.

B. FOR DOOR SCHEDULE SEE SHEET A013 XXX

C. FOR WINDOW SCHEDULE SEE SHEET A014 X

D. FOR PARTITION TYPES SEE SHEET A011 X

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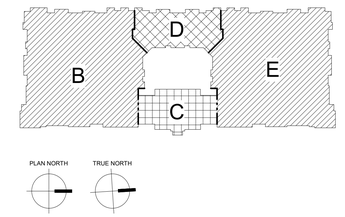

10.30.2020

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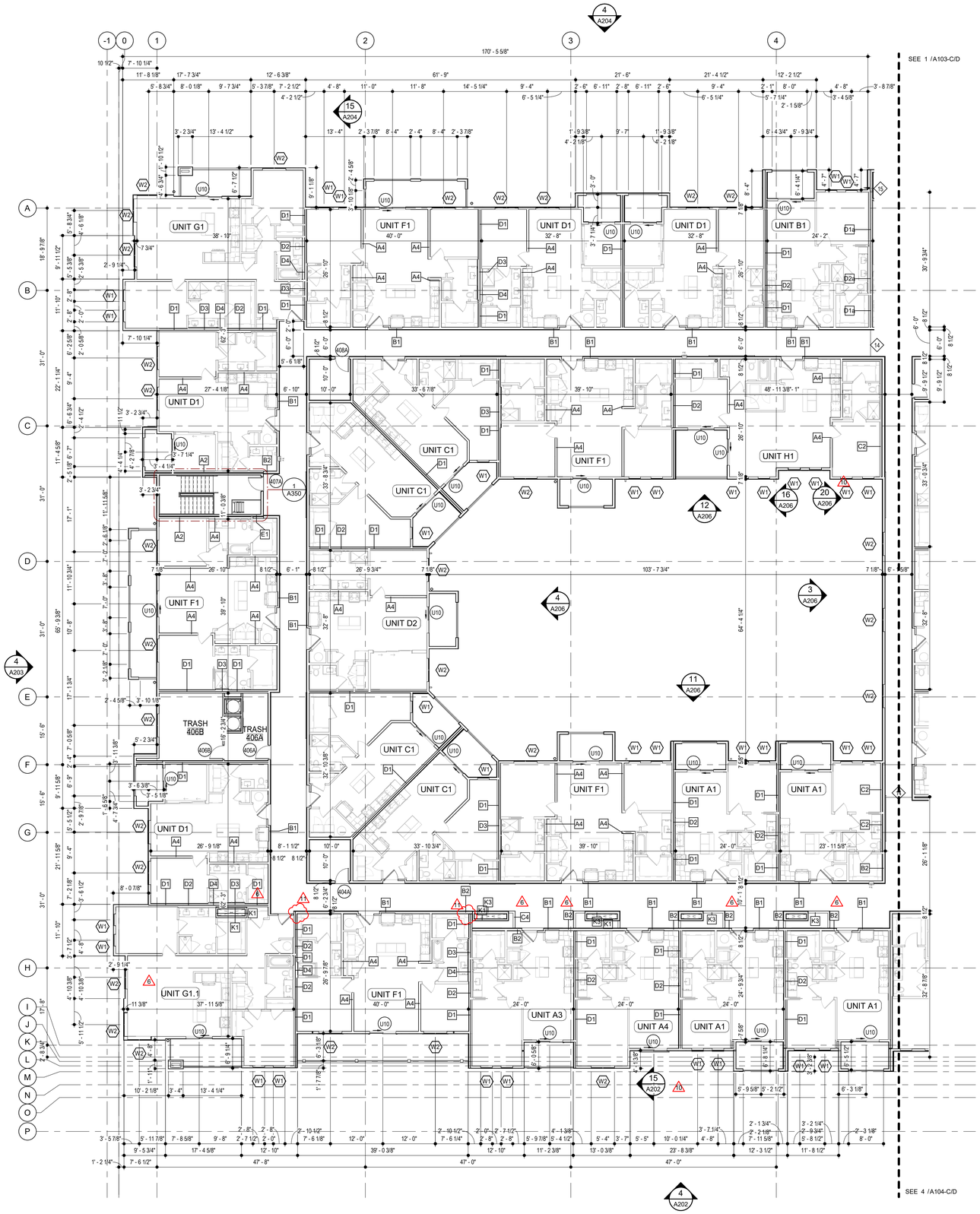
DWG BY MKSS

TR¡ PROJECT NO. 18-046

SHEET NO.

A103-E

SECOND / THIRD FLOOR PLAN - BLDG. E



4 FOURTH FLOOR PLAN - BLDG. B

SCALE: 3/32" = 1'-0"

GENERAL NOTES

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6 E. FOR UNIT INTERIOR PARTITION TYPES AND LOCATIONS REFER TO UNIT SHEETS (A50 THROUGH A164).

F. A MINIMUM RATED 1A:10B:C FIRE EXTINGUISHER TO BE PROVIDED IN EACH UNIT. FIRE EXTINGUISHERS ARE TO BE LOCATED EVERY 75'-0" IN CORRIDORS (MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER).

G. CONTROL JOINTS SHOULD BE SPACED IN GYPSUM WALL BOARD TO LIMIT EXPANSES TO 30'-0" MAXIMUM. CONTROL JOINTS ARE RECOMMENDED AT DOOR JAMBS EXTENDING FROM DOOR HEAD TO CEILING. CEILING GYPSUM BOARD CONTROL JOINTS SHOULD LIMIT THE CEILING AREA TO 2,500 SF MAX. AND 50'-0" IN EITHER DIRECTION. CONTROL JOINT SHOULD BE INSTALLED WHERE THERE IS A CHANGE IN DIRECTION IN CEILING FRAMING/FURRING OR SPACE CONTROL JOINTS AT THE CEILING AND WALL PER THE MANUFACTURER'S RECOMMENDED INSTALLATION GUIDELINES. CEILING AND WALL CONTROL JOINTS ARE TO ALIGN AT ALL INTERSECTIONS WHERE APPLICABLE TO FORM A CONTINUOUS CONTROL JOINT. ENSURE THAT CONTROL JOINTS ARE LOCATED AT STRUCTURAL CONSTRUCTION JOINTS AND AT THE TOP AND BOTTOM OF ALL INTERIOR RAMPS.

6 H. UNLESS NOTED OTHERWISE, CORRIDOR PARTITION TYPE IN RESIDENTIAL AREA TO BE B2 UNIT ENTRY RECESS PARTITION TYPE TO BE A2, AND PARTITION TYPE BEHIND REFRIGERATOR TO BE B1

I. COORDINATE LOCATION OF BEARING WALLS INSIDE DWELLING UNITS WITH UNIT PLANS.

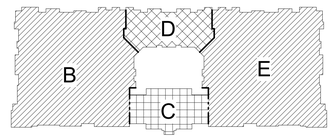
J. REFER TO LIFE SAFETY PLANS FOR ADDITIONAL INFORMATION ON FIRE RATED PARTITION LOCATIONS.

1 K. NO PENETRATIONS WITHIN 4' OF FIRE WALLS. VERIFY IN FIELD.

KEYED NOTES ◇

6

1. ADDITIONAL LAYER OF GYP. BD. (NOT SHOWN IN PARTITION TYPE) TO ALIGN WITH ADJACENT PARTITION'S GYP. BD.
2. ENCLOSED COLUMN AND CROSS BRACE TO SMALLEST SIZE POSSIBLE WITH STUD/GYP. BD. FURRING.
3. EXTERIOR 1-HR FIRE RATED PARTITION PER UL U356. SEE LIFE SAFETY PLANS FOR EXTENT OF RATING.
4. TYPICAL ALL STEEL COLUMNS AND STEEL BRACES ON 1ST AND 2ND FLOORS: WRAP IN GYP. BD. FOR 1-HOUR PROTECTION PER UL X526.
5. EXTERIOR 2-HR FIRE RATED PARTITION PER UL U302.
6. LADDER TO ROOF HATCH.
7. TAPERED CRICKETS AS REQUIRED. SLOPE 1/2" PER FOOT MINIMUM.
8. FULLY ADHERED T.P.O. ROOF MEMBRANE.
9. PRIMARY AND OVERFLOW ROOF DRAINS. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
10. REFER TO INTERIOR DECOR DRAWINGS FOR ADDITIONAL INFORMATION IN THIS AREA.
11. ENCLOSE EXHAUST VENT FROM CLUB ROOM FIRE PLACE WITH STUDS/GYP. BD. TO SMALLEST SIZE POSSIBLE.
12. TAPERED INSULATION TO THRU WALL SCUPPER SEE 19/A312.
13. PAVERS ON PEDESTALS OVER TAPERED INSULATION AND FLOOR DRAINS. KEYED NOTES
14. EXPANSION JOINT RE: 10/A323
15. EXPANSION JOINT RE: 14/A325 7



PLAN NORTH TRUE NORTH

10.30.2020

ARCHITECT — TRi ARCHITECTS
STRUCTURAL ENGINEER — BOB D CAMPBELL & COMPANY
CIVIL ENGINEER — RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR — BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER — LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER — LATIMER SOMMERS & ASSOCIATES
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REVISIONS 6

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
10	REVISION 5	7.2.2020
11	REVISION 6	10.30.2020

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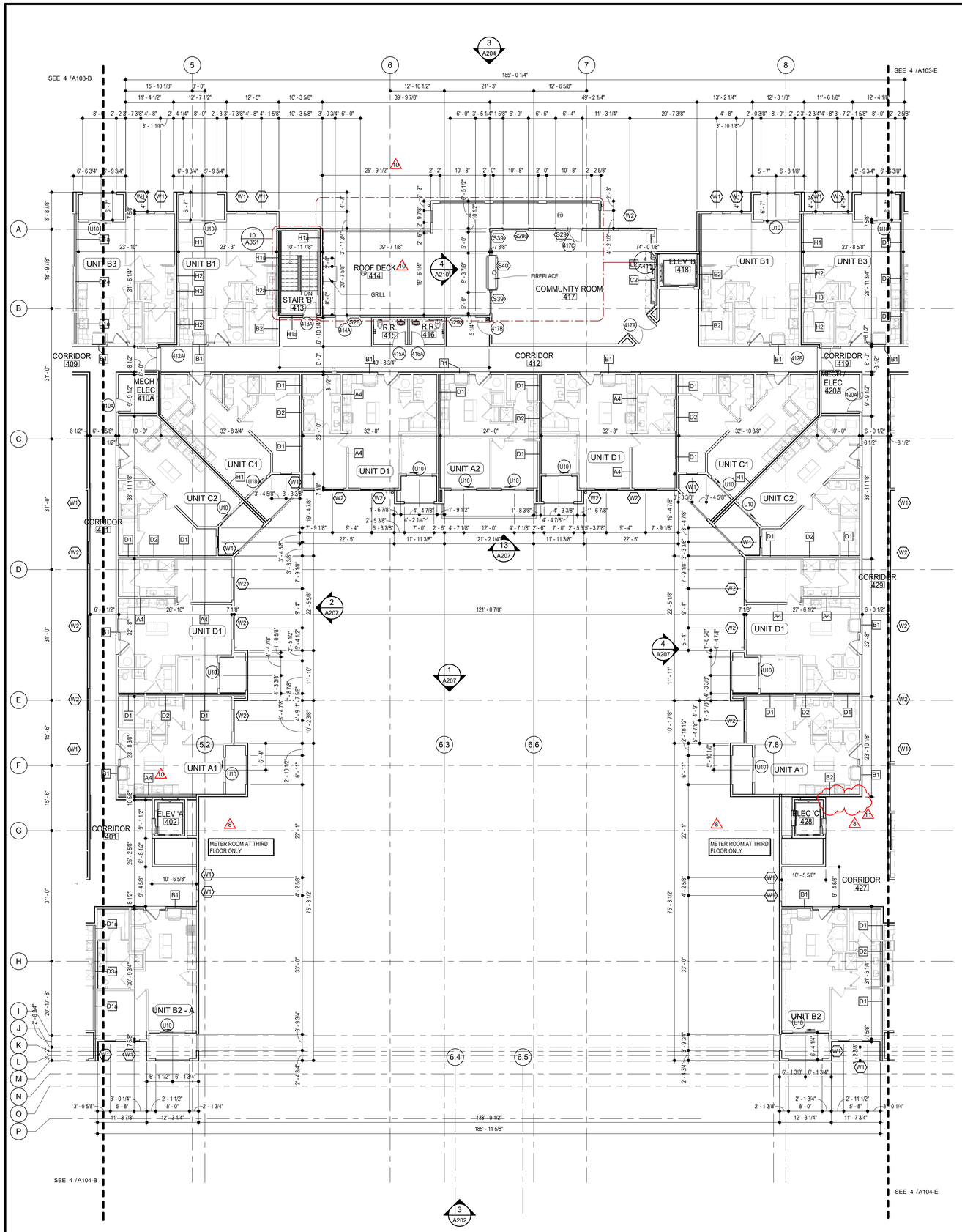
TR¡ PROJECT NO. 18-046

SHEET NO.

A104-B

FOURTH FLOOR PLAN - BLDG. B



4 FOURTH FLOOR PLAN - BLDG. C/D

SCALE: 3/32" = 1'-0"

GENERAL NOTES

A. EXTERIOR DIMENSIONS ARE TO FACE OF STUD OR FACE OF MASONRY. INTERIOR DIMENSIONS ARE TO FINISH FACE OF WALL.

B. FOR DOOR SCHEDULE SEE SHEET A013 XXX

C. FOR WINDOW SCHEDULE SEE SHEET A014 X

D. FOR PARTITION TYPES SEE SHEET A011 X

6 E. FOR UNIT INTERIOR PARTITION TYPES AND LOCATIONS REFER TO UNIT SHEETS (A50 THROUGH A164).

F. A MINIMUM RATED 1A:10B:C FIRE EXTINGUISHER TO BE PROVIDED IN EACH UNIT. FIRE EXTINGUISHERS ARE TO BE LOCATED EVERY 75'-0" IN CORRIDORS (MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER).

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8 H. UNLESS NOTED OTHERWISE, CORRIDOR PARTITION TYPE IN RESIDENTIAL AREA TO BE B2 UNIT ENTRY RECESS PARTITION TYPE TO BE A2, AND PARTITION TYPE BEHIND REFRIGERATOR TO BE B1

I. COORDINATE LOCATION OF BEARING WALLS INSIDE DWELLING UNITS WITH UNIT PLANS.

J. REFER TO LIFE SAFETY PLANS FOR ADDITIONAL INFORMATION ON FIRE RATED PARTITION LOCATIONS. 1

K. NO PENETRATIONS WITHIN 4' OF FIRE WALLS. VERIFY IN FIELD.

KEYED NOTES ◇

6

1. ADDITIONAL LAYER OF GYP. BD. (NOT SHOWN IN PARTITION TYPE) TO ALIGN WITH ADJACENT PARTITION'S GYP. BD.
2. ENCLOSED COLUMN AND CROSS BRACE TO SMALLEST SIZE POSSIBLE WITH STUD/GYP. BD. FURRING.
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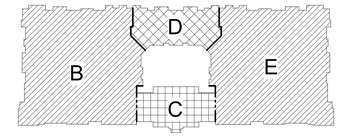
14. EXPANSION JOINT RE: 10/A323
15. EXPANSION JOINT RE: 14/A325 7



PLAN NORTH TRUE NORTH

ARCHITECT
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REVISIONS 6

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020
11	REVISION 6	10.30.2020

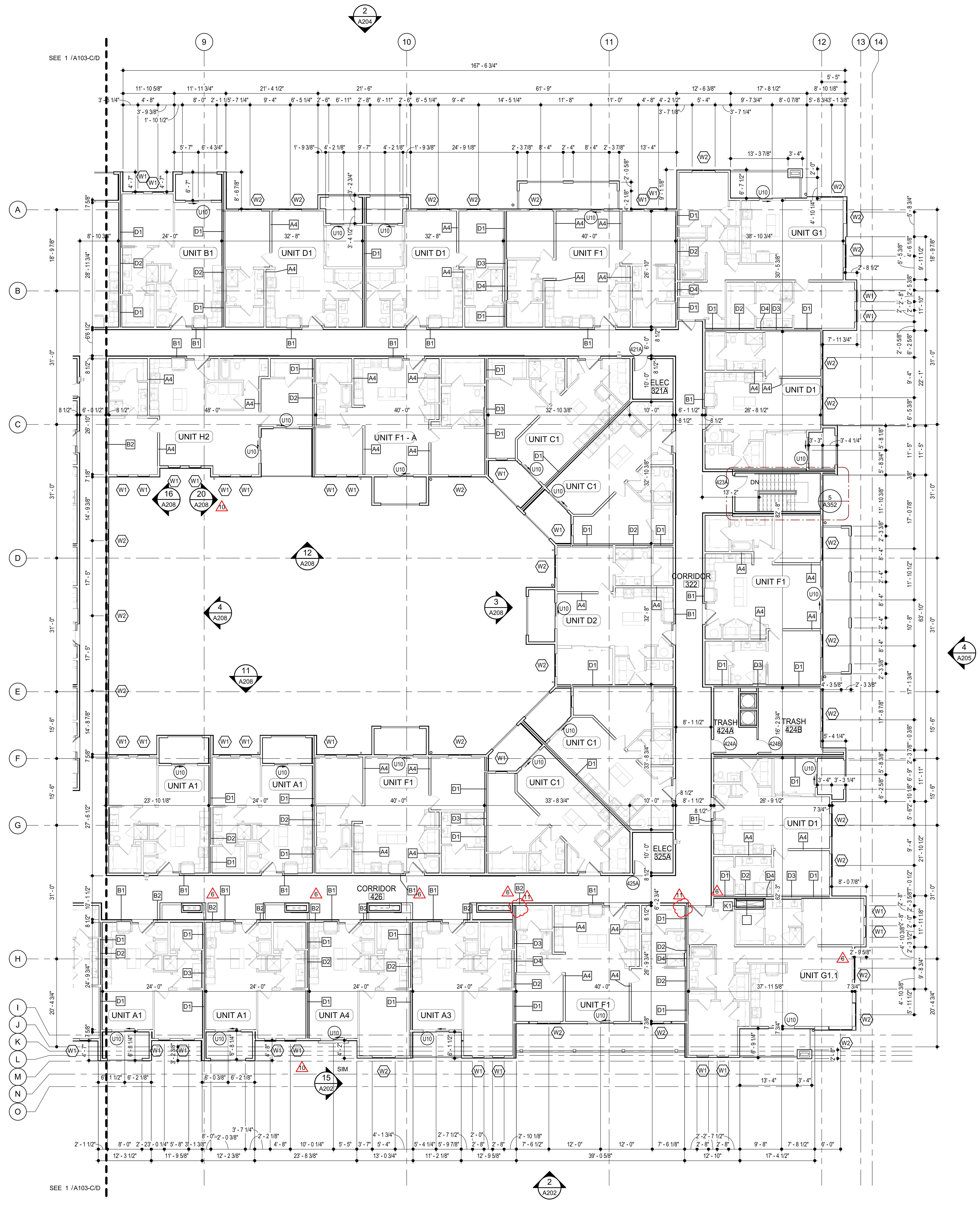
DWG BY MKSS

TR;i PROJECT NO. 18-046

SHEET NO.

A104-C/D

FOURTH FLOOR PLAN - BLDG. C/D



4 FOURTH FLOOR PLAN - BLDG. E

SCALE: 3/32" = 1'-0"

GENERAL NOTES

A. EXTERIOR DIMENSIONS ARE TO FACE OF STUD OR FACE OF MASONRY. INTERIOR DIMENSIONS ARE TO FINISH FACE OF WALL.

B. FOR DOOR SCHEDULE SEE SHEET A013 (XXX)

C. FOR WINDOW SCHEDULE SEE SHEET A014 (X)

D. FOR PARTITION TYPES SEE SHEET A011 [X]

E. FOR UNIT INTERIOR PARTITION TYPES AND LOCATIONS REFER TO UNIT SHEETS (A50 THROUGH A164). (6)

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H. UNLESS NOTED OTHERWISE, CORRIDOR PARTITION TYPE IN RESIDENTIAL AREA TO BE [B2] UNIT ENTRY RECESS PARTITION TYPE TO BE [A2], AND PARTITION TYPE BEHIND REFRIGERATOR TO BE [B1]. (6)

I. COORDINATE LOCATION OF BEARING WALLS INSIDE DWELLING UNITS WITH UNIT PLANS.

J. REFER TO LIFE SAFETY PLANS FOR ADDITIONAL INFORMATION ON FIRE RATED PARTITION LOCATIONS. (1)

K. NO PENETRATIONS WITHIN 4' OF FIRE WALLS. VERIFY IN FIELD.

KEYED NOTES ◇

(6)

1. ADDITIONAL LAYER OF GYP. BD. (NOT SHOWN IN PARTITION TYPE) TO ALIGN WITH ADJACENT PARTITION'S GYP. BD.
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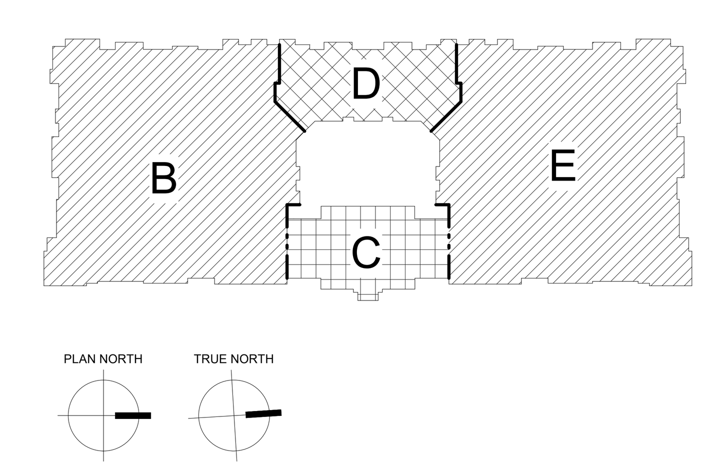
15. EXPANSION JOINT RE: 14/A325 (7)



10.30.2020

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
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REVISIONS #

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6	REVISION 1	12.20.19
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10	REVISION 5	7.2.2020
11	REVISION 6	10.30.2020

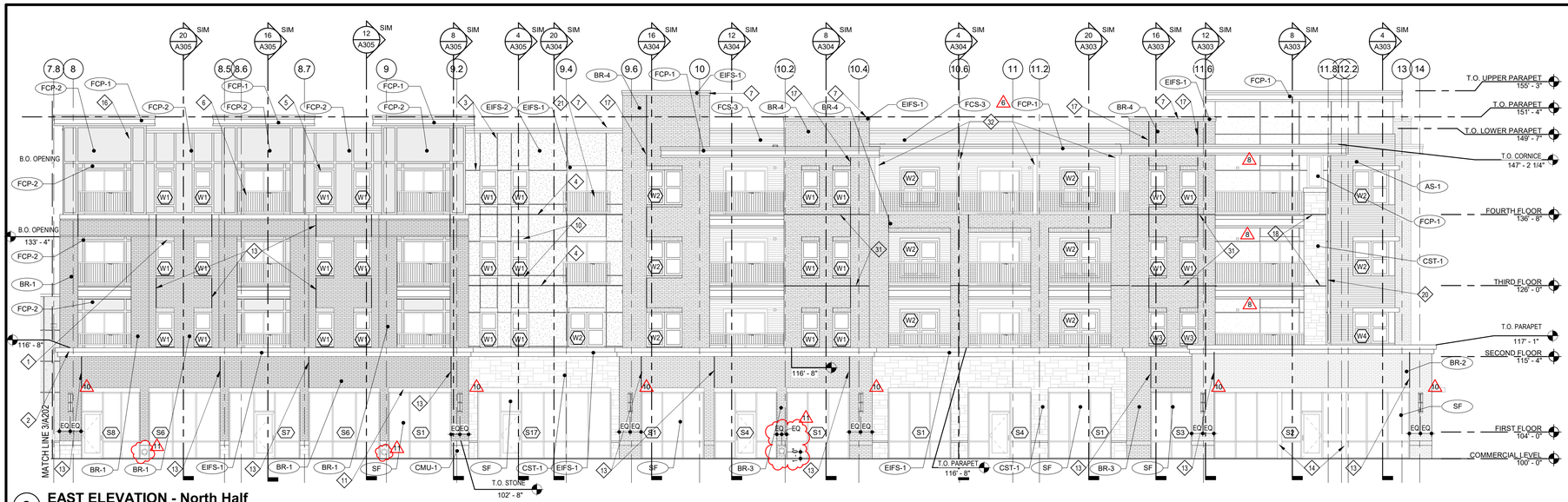
DWG BY: MKSS

TR,i PROJECT NO.: 18-046

SHEET NO.

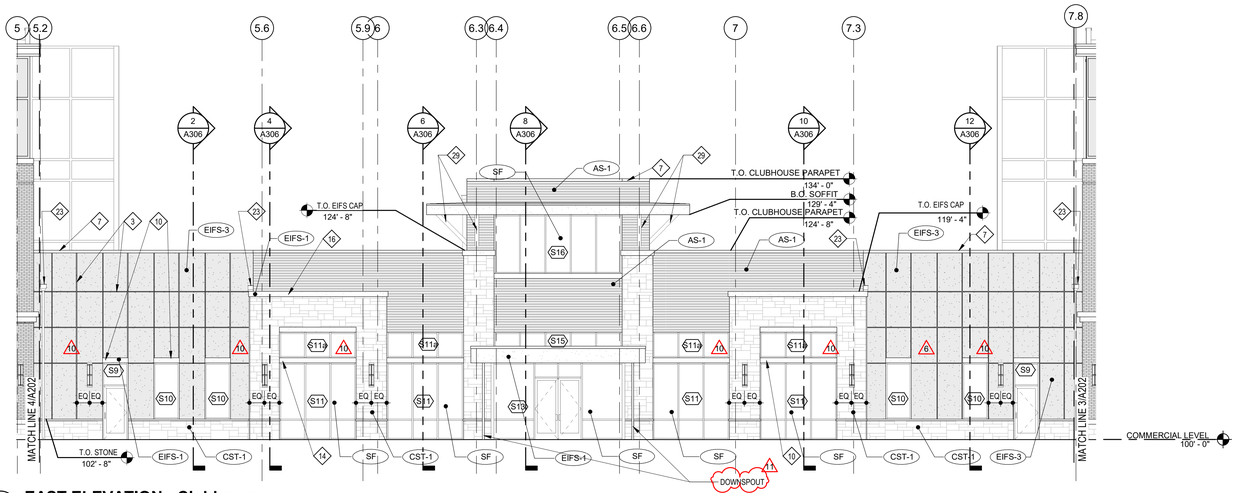
A104-E

FOURTH FLOOR PLAN - BLDG. E



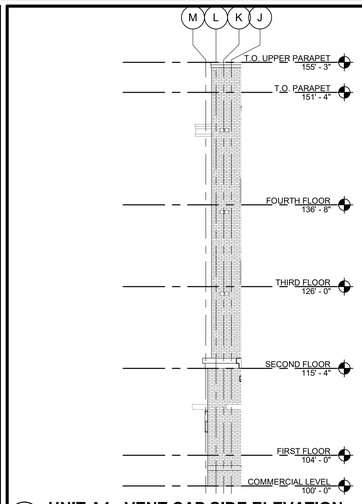
2 EAST ELEVATION - North Half

SCALE: 1/8" = 1'-0"



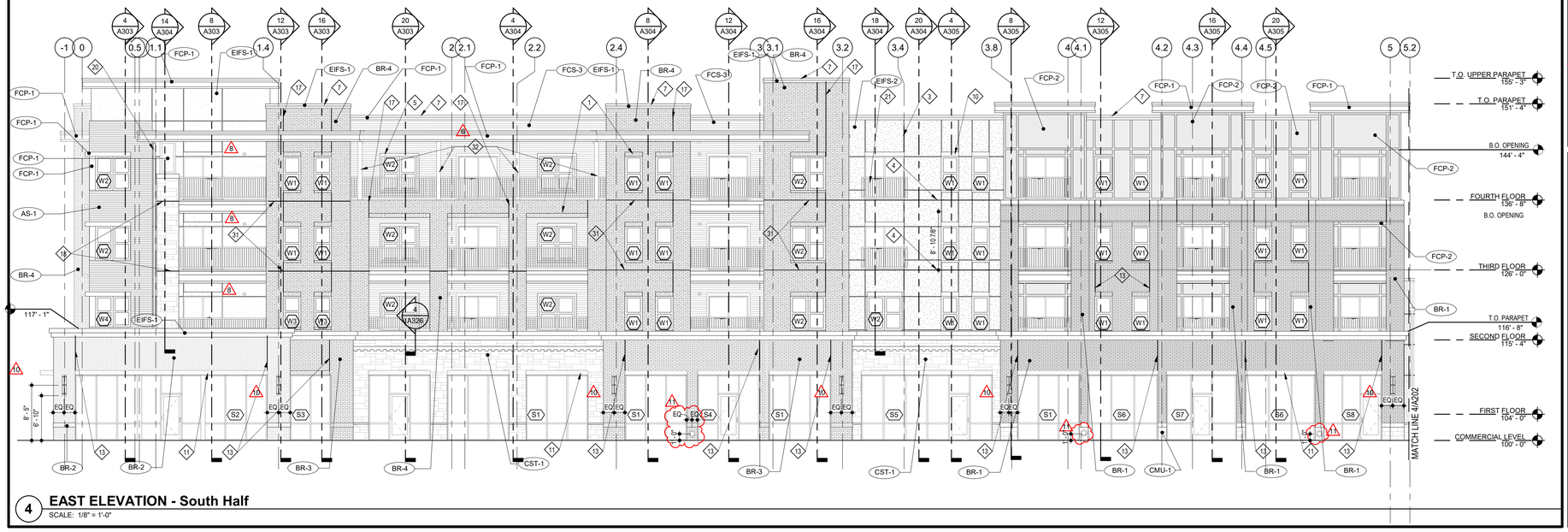
3 EAST ELEVATION - Clubhouse

SCALE: 1/8" = 1'-0"



15 UNIT A4 - VENT CAP SIDE ELEVATION

SCALE: 1/8" = 1'-0"



4 EAST ELEVATION - South Half

SCALE: 1/8" = 1'-0"

EXTERIOR MATERIAL LIST

	AS-1	ALUMINUM SIDING	MFR: LONGBOARD, COLOR: DARK NATIONAL WALNUT, CODE: 1838-02-733
	BR-1	BRICK	MFR: CLOUD CERAMICS, SIZE: MODULAR, COLOR: COFFEE BLEND M/S
	BR-2	BRICK	MFR: SIOUX CITY BRICK, SIZE: MODULAR, COLOR: SANTE FE
	BR-3	BRICK	MFR: HEBRON, COLOR: MAROON, TEXTURE: SMOOTH
	BR-4	BRICK	MFR: HEBRON, COLOR: MAROON , TEXTURE: SMOOTH, SIZE: THIN BRICK
	CMU-1	CMU	SIZE: 8", TEXTURE: SMOOTH, PAINT COLOR: SW7036 ACCESSIBLE BEIGE
	CMU-2	CMU	SIZE: 8", TEXTURE: SPLIT FACE, PAINT COLOR: SW7040 SMOKEHOUSE
	CMU-3	CMU	SIZE: 4", TEXTURE: SMOOTH, PAINT COLOR: SW7040 SMOKEHOUSE
	CST-1	CULTURED STONE	MFR: ELDORADO STONE, SERIES: CUT COURSE STONE, COLOR: OYSTER
	EIFS-1	EIFS	MFR: DRYVIT, COLOR: BUCKSKIN, TEXTURE: SAND PEBBLE
	EIFS-2	EIFS	MFR: DRYVIT, COLOR: TARNISHED GOLD, TEXTURE: SAND PEBBLE
	EIFS-3	EIFS	MFR: DRYVIT, COLOR: SW COBBLE BROWN, TEXTURE: SAND PEBBLE
	EIFS-4	EIFS	MFR: DRYVIT, COLOR: MONASTERY BROWN, TEXTURE: SAND PEBBLE
	FCP-1	FIBER CEMENT PANEL	MFR: JAMES HARDIE, COLOR: NAVAJO BEIGE
	FCP-2	FIBER CEMENT PANEL	MFR: JAMES HARDIE, COLOR: AUTUMN TAN
	FCP-3	FIBER CEMENT PANEL	MFR: JAMES HARDIE, COLOR: KHAKI BROWN
	FCS-2	FIBER CEMENT SIDING	MFR: JAMES HARDIE, SIZE: 5" COLOR: AUTUMN TAN
	FCS-3	FIBER CEMENT SIDING	MFR: JAMES HARDIE, SIZE: 5" COLOR: KHAKI BROWN
	SF	STOREFRONT	COLOR: BLACK

KEYED NOTES

1 BRICK SOLDIER COURSE PROJECTED 1/2".

2 EIFS CORNICE.

3 EIFS REVEAL. SEE 15 /A320

4 EIFS EXPANSION JOINT AT EACH FLOOR LEVEL (AT WOOD CONSTRUCTION ONLY). COORDINATE WITH MANUF. DETAILS AND REQUIREMENTS. SEE 7 /A321

5 ALUM. WINDOW SYSTEM (BLACK).

6 PREFINISHED GUARDRAIL (BLACK).

7 PRE-FINISHED SHEET METAL COPING. COLOR TO MATCH ADJACENT MATERIAL (EIFS, FIBER CEMENT PANEL, SIDING, STONE).

8 HOLLOW METAL DOOR AND FRAMES TO BE PAINTED TO MATCH ADJACENT FINISH.

9 BRICK ROWLOCK COURSE.

10 EIFS BAND PROJECTED 1".

11 PREMANUFACTURED ALUM. CANOPY - COLOR BLACK.

12 WOOD POST WRAPPED WITH HARDIE TRIM.

13 MASONRY VENEER CONTROL JOINT. SEE 20 /A325

14 BRAKE METAL TO MATCH STOREFRONT.

15 CANOPY WITH SUPPORT RODS.

16 3 1/2" WIDE HARDIE TRIM.

17 THIN BRICK CONTROL JOINT. SEE 19 /A325

18 STONE VENEER EXPANSION JOINT AT EACH FLOOR LEVEL (WOOD CONSTRUCTION ONLY).SEE 16 /A321

19 HARDIE TRIM.

20 PREFINISHED DOWNSPOUT. COLOR TO MATCH EIFS-1.

21 PREFINISHED GUARDRAIL MOUNTED TO WALL (BLACK)

22 7 1/4" WIDE HARDIE TRIM

23 PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH EIFS-3

24 PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH FCP-2

25 PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH EIFS-4

26 PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH FCS-3

27 PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH FCP-1

28 PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH STOREFRONT

29 STEEL BRACE TO BE PAINTED. COLOR TO BE SELECTED BY ARCHITECT

30 SIDING/PANEL EXPANSION JOINT AT EACH FLOOR LEVEL (AT WOOD CONSTRUCTION ONLY) COORDINATE WITH MFG. DETAILS AND REQUIREMENTS. SEE 10 /A322

31 THIN BRICK EXPANSION JOINT AT EACH FLOOR LEVEL (AT WOOD CONSTRUCTION ONLY) COORDINATE WITH MFG. DETAILS AND REQUIREMENTS. SEE 11 /A320

6 32 BALCONY ROOF POST. RE: 15/A325

10 33 UNIT VENT CAP HEIGHTS PER DETAIL 16/A208

STATE OF MISSOURI
MICHAEL K. SCHMITT
NUMBER A-5437
REGISTERED ARCHITECT
10.30.2020

ARCHITECT — TR¡ ARCHITECTS
STRUCTURAL ENGINEER — BOB D CAMPBELL & COMPANY
CIVIL ENGINEER — RENAISSANCE INFRASTRUCTURE CONSULTING
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REVISIONS 6

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DWG BY MKSS

TR¡ PROJECT NO. 18-046

SHEET NO.

A202

EAST ELEVATIONS

KEYED NOTES

1 BRICK SOLDIER COURSE PROJECTED 1/2".
2 EIFS CORNICE.
3 EIFS REVEAL. SEE 15 /A320
4 EIFS EXPANSION JOINT AT EACH FLOOR LEVEL (AT WOOD CONSTRUCTION ONLY). COORDINATE WITH MANUF. DETAILS AND REQUIREMENTS. SEE 7 /A321
5 ALUM. WINDOW SYSTEM (BLACK).
6 PREFINISHED GUARDRAIL (BLACK).
7 PRE-FINISHED SHEET METAL COPING. COLOR TO MATCH ADJACENT MATERIAL (EIFS, FIBER CEMENT PANEL, SIDING, STONE).
8 HOLLOW METAL DOOR AND FRAMES TO BE PAINTED TO MATCH ADJACENT FINISH.
9 BRICK ROWLOCK COURSE.
10 EIFS BAND PROJECTED 1".
11 PREMANUFACTURED ALUM. CANOPY - COLOR BLACK.
12 WOOD POST WRAPPED WITH HARDIE TRIM.
13 MASONRY VENEER CONTROL JOINT. SEE 20 /A325
14 BRAKE METAL TO MATCH STOREFRONT.
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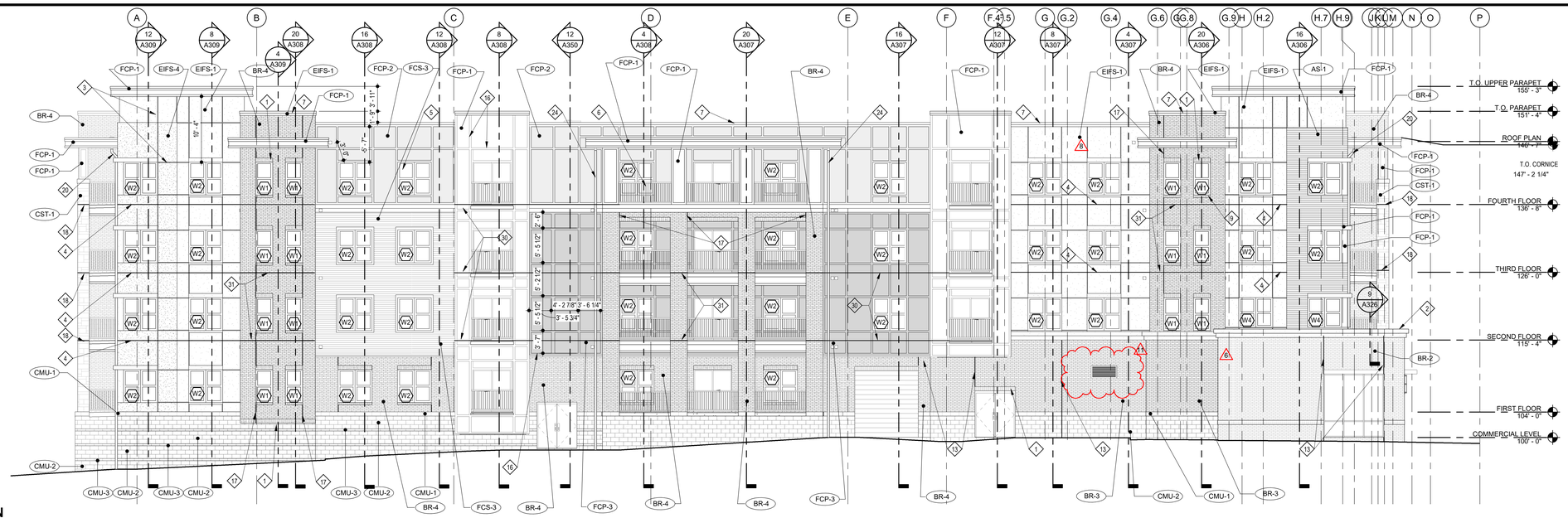
25 PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH EIFS-4
26 PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH FCS-3
27 PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH FCP-1
28 PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH STOREFRONT
29 STEEL BRACE TO BE PAINTED. COLOR TO BE SELECTED BY ARCHITECT
30 SIDING/PANEL EXPANSION JOINT AT EACH FLOOR LEVEL (AT WOOD CONSTRUCTION ONLY) COORDINATE WITH MFG. DETAILS AND REQUIREMENTS. SEE 10 /A322
31 THIN BRICK EXPANSION JOINT AT EACH FLOOR LEVEL (AT WOOD CONSTRUCTION ONLY) COORDINATE WITH MFG. DETAILS AND REQUIREMENTS. SEE 11 /A320
6 32 BALCONY ROOF POST. RE: 15/A325
10 33 UNIT VENT CAP HEIGHTS PER DETAIL 16/A208

EXTERIOR MATERIAL LIST

AS-1	ALUMINUM SIDING	MFR: LONGBOARD, COLOR: DARK NATIONAL WALNUT, CODE: 1838-02-733
BR-1	BRICK	MFR: CLOUD CERAMICS, SIZE: MODULAR, COLOR: COFFEE BLEND M/S
BR-2	BRICK	MFR: SIOUX CITY BRICK, SIZE: MODULAR, COLOR: SANTE FE
BR-3	BRICK	MFR: HEBRON, COLOR: MAROON, TEXTURE: SMOOTH
BR-4	BRICK	MFR: HEBRON, COLOR: MAROON , TEXTURE: SMOOTH, SIZE: THIN BRICK
CMU-1	CMU	7 SIZE: 8", TEXTURE: SMOOTH, PAINT COLOR: SW7036 ACCESSIBLE BEIGE
CMU-2	CMU	SIZE: 8", TEXTURE: SPLIT FACE, PAINT COLOR: SW7040 SMOKEHOUSE
CMU-3	CMU	SIZE: 4", TEXTURE: SMOOTH, PAINT COLOR: SW7040 SMOKEHOUSE
CST-1	CULTURED STONE	MFR: ELDORADO STONE, SERIES: CUT COURSE STONE, COLOR: OYSTER
EIFS-1	EIFS	MFR: DRYVIT, COLOR: BUCKSKIN, TEXTURE: SAND PEBBLE
EIFS-2	EIFS	MFR: DRYVIT, COLOR: TARNISHED GOLD, TEXTURE: SAND PEBBLE
EIFS-3	EIFS	MFR: DRYVIT, COLOR: SW COBBLE BROWN, TEXTURE: SAND PEBBLE
EIFS-4	EIFS	MFR: DRYVIT, COLOR: MONASTERY BROWN, TEXTURE: SAND PEBBLE
FCP-1	FIBER CEMENT PANEL	MFR: JAMES HARDIE, COLOR: NAVAJO BEIGE
FCP-2	FIBER CEMENT PANEL	MFR: JAMES HARDIE, COLOR: AUTUMN TAN
FCP-3	FIBER CEMENT PANEL	MFR: JAMES HARDIE, COLOR: KHAKI BROWN
FCS-2	FIBER CEMENT SIDING	MFR: JAMES HARDIE, SIZE: 5" COLOR: AUTUMN TAN
FCS-3	FIBER CEMENT SIDING	MFR: JAMES HARDIE, SIZE: 5" COLOR: KHAKI BROWN
SF	STOREFRONT	COLOR: BLACK



4 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

10.30.2020

TR¡ ARCHITECTS — ARCHITECT
BOB D CAMPBELL & COMPANY — STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING — CIVIL ENGINEER
BRINKMANN CONSTRUCTORS — GENERAL CONTRACTOR
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	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020
11	REVISION 6	10.30.2020

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TR¡ PROJECT NO. 18-046

SHEET NO.

A203

SOUTH ELEVATION

KEYED NOTES

1 BRICK SOLDIER COURSE PROJECTED 1/2".

2 EIFS CORNICE.

3 EIFS REVEAL. SEE 15 /A320

4 EIFS EXPANSION JOINT AT EACH FLOOR LEVEL (AT WOOD CONSTRUCTION ONLY). COORDINATE WITH MANUF. DETAILS AND REQUIREMENTS. SEE 7 /A321

5 ALUM. WINDOW SYSTEM (BLACK).

6 PREFINISHED GUARDRAIL (BLACK).

7 PRE-FINISHED SHEET METAL COPING. COLOR TO MATCH ADJACENT MATERIAL (EIFS, FIBER CEMENT PANEL, SIDING, STONE).

8 HOLLOW METAL DOOR AND FRAMES TO BE PAINTED TO MATCH ADJACENT FINISH.

9 BRICK ROWLOCK COURSE.

10 EIFS BAND PROJECTED 1".

11 PREMANUFACTURED ALUM. CANOPY - COLOR BLACK.

12 WOOD POST WRAPPED WITH HARDIE TRIM.

13 MASONRY VENEER CONTROL JOINT. SEE 20 /A325

14 BRAKE METAL TO MATCH STOREFRONT.

15 CANOPY WITH SUPPORT RODS.

16 3 1/2" WIDE HARDIE TRIM.

17 THIN BRICK CONTROL JOINT. SEE 19 /A325

18 STONE VENEER EXPANSION JOINT AT EACH FLOOR LEVEL (WOOD CONSTRUCTION ONLY).SEE 16 /A321

19 HARDIE TRIM.

20 PREFINISHED DOWNSPOUT. COLOR TO MATCH EIFS-1.

21 PREFINISHED GUARDRAIL MOUNTED TO WALL (BLACK)

22 7 1/4" WIDE HARDIE TRIM

23 PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH EIFS-3

24 PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH FCP-2

25 PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH EIFS-4

26 PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH FCS-3

27 PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH FCP-1

28 PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH STOREFRONT

29 STEEL BRACE TO BE PAINTED. COLOR TO BE SELECTED BY ARCHITECT

30 SIDING/PANEL EXPANSION JOINT AT EACH FLOOR LEVEL (AT WOOD CONSTRUCTION ONLY) COORDINATE WITH MFG. DETAILS AND REQUIREMENTS. SEE 10 /A322

31 THIN BRICK EXPANSION JOINT AT EACH FLOOR LEVEL (AT WOOD CONSTRUCTION ONLY) COORDINATE WITH MFG. DETAILS AND REQUIREMENTS. SEE 11 /A320

32 BALCONY ROOF POST. RE: 15/A325

33 UNIT VENT CAP HEIGHTS PER DETAIL 16/A208

EXTERIOR MATERIAL LIST

	AS-1	ALUMINUM SIDING	MFR: LONGBOARD, COLOR: DARK NATIONAL WALNUT, CODE: 1838-02-733
	BR-1	BRICK	MFR: CLOUD CERAMICS, SIZE: MODULAR, COLOR: COFFEE BLEND M/S
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	CST-1	CULTURED STONE	MFR: ELDORADO STONE, SERIES: CUT COURSE STONE, COLOR: OYSTER
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	EIFS-2	EIFS	MFR: DRYVIT, COLOR: TARNISHED GOLD, TEXTURE: SAND PEBBLE
	EIFS-3	EIFS	MFR: DRYVIT, COLOR: SW COBBLE BROWN, TEXTURE: SAND PEBBLE
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	FCP-1	FIBER CEMENT PANEL	MFR: JAMES HARDIE, COLOR: NAVAJO BEIGE
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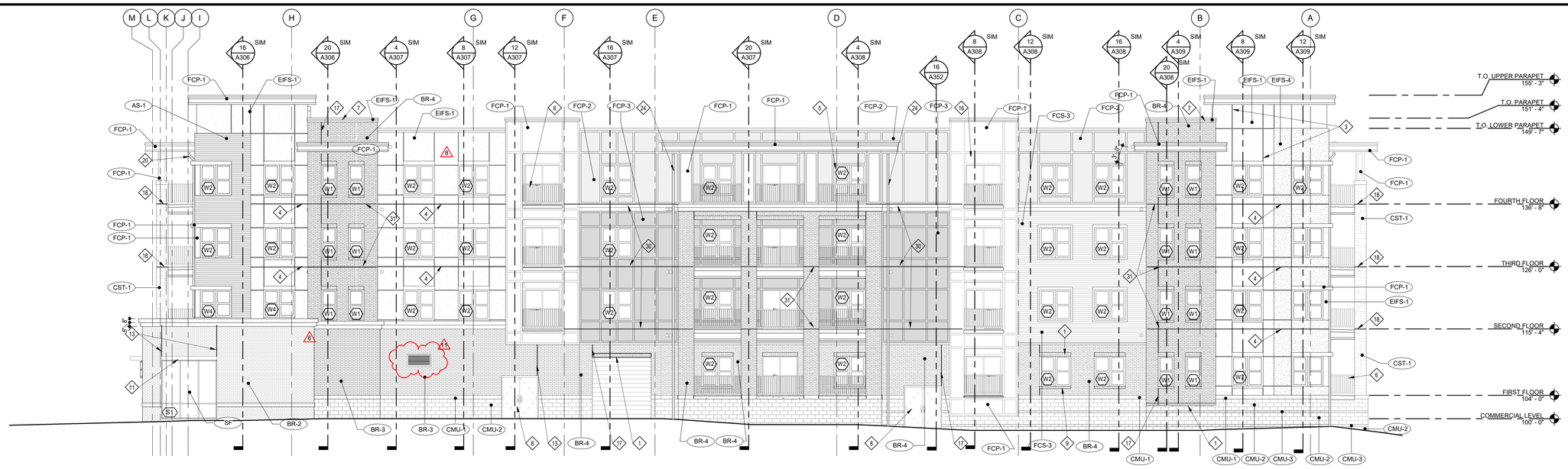
	FCP-3	FIBER CEMENT PANEL	MFR: JAMES HARDIE, COLOR: KHAKI BROWN
	FCS-2	FIBER CEMENT SIDING	MFR: JAMES HARDIE, SIZE: 5" COLOR: AUTUMN TAN
	FCS-3	FIBER CEMENT SIDING	MFR: JAMES HARDIE, SIZE: 5" COLOR: KHAKI BROWN
	SF	STOREFRONT	COLOR: BLACK



4 NORTH ELEVATION 1/8"
SCALE: 1/8" = 1'-0"

10.30.2020

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STRUCTURAL ENGINEER
CIVIL ENGINEER
GENERAL CONTRACTOR
MECHANICAL ENGINEER
PLUMBING ENGINEER
ELECTRICAL ENGINEER

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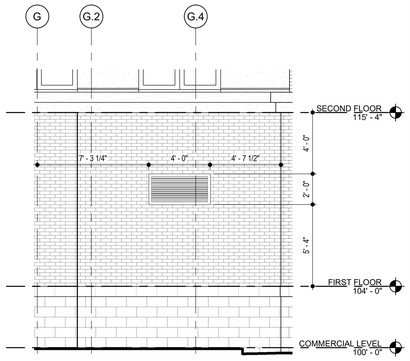
TRⱼi PROJECT NO. 18-046

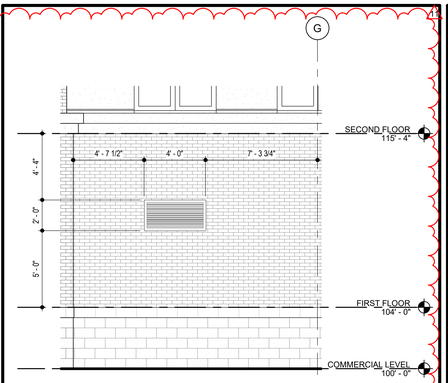
SHEET NO.

A205

NORTH ELEVATION



1 SOUTH RETAIL LOUVER
SCALE: 1/4" = 1'-0"



5 NORTH RETAIL LOUVER
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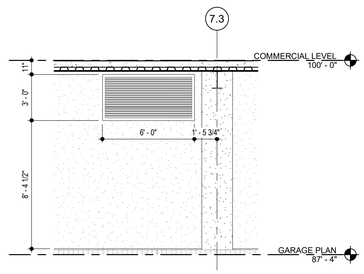
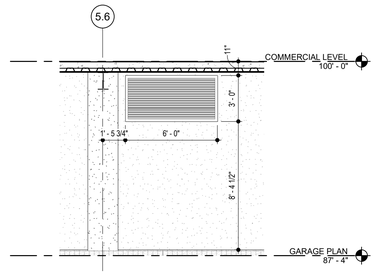


9 GARAGE LOUVER
SCALE: 1/4" = 1'-0"



13 GARAGE LOUVER
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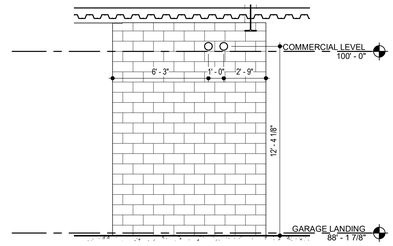

17 POOL EXHAUST VENTS
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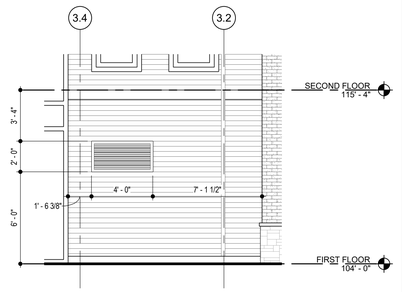
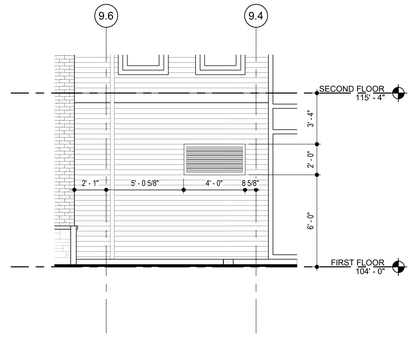
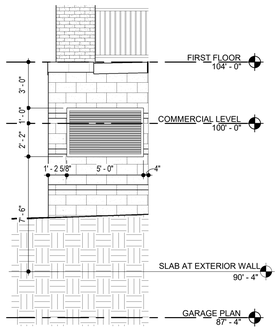


2 SOUTH COURTYARD LOUVER
SCALE: 1/4" = 1'-0"



6 NORTH COURTYARD LOUVER
SCALE: 1/4" = 1'-0"



10 GARAGE LOUVER
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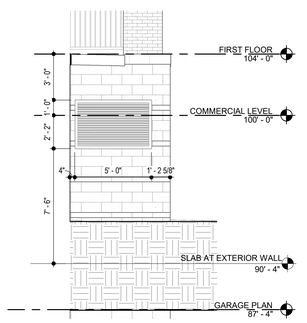
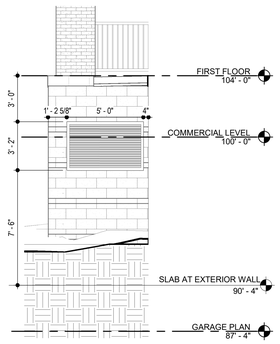
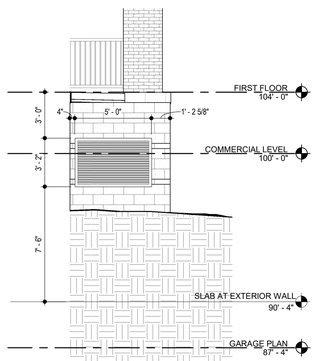


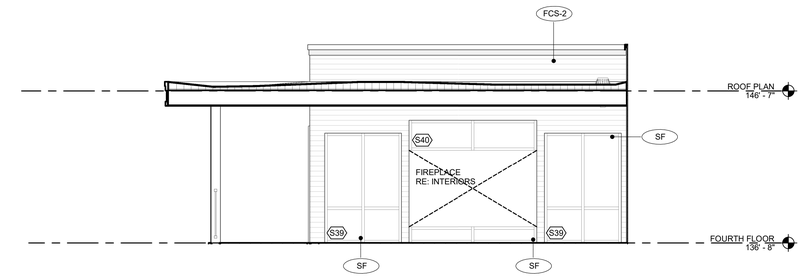
14 GARAGE LOUVER
SCALE: 1/4" = 1'-0"



11 GARAGE LOUVER
SCALE: 1/4" = 1'-0"



15 GARAGE LOUVER
SCALE: 1/4" = 1'-0"



4 ROOF DECK ELEVATION
SCALE: 1/4" = 1'-0"

TR¡ ARCHITECTS — ARCHITECT
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10.30.2020

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6	REVISION 1	12.20.19
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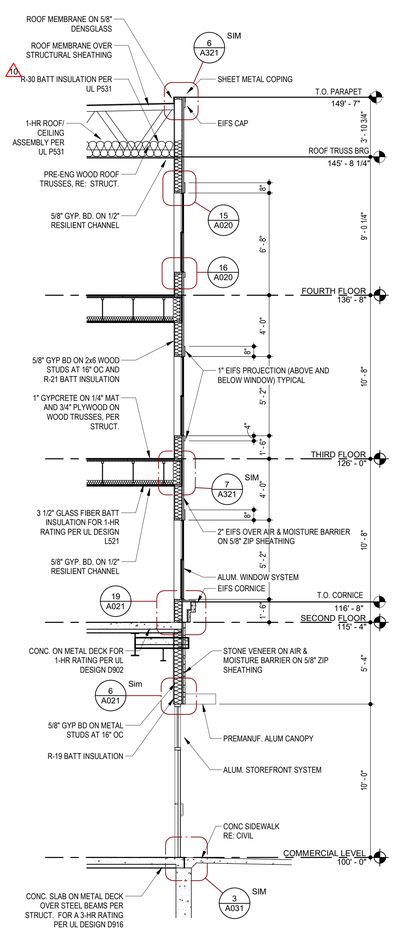
TR¡ PROJECT NO. 18-046

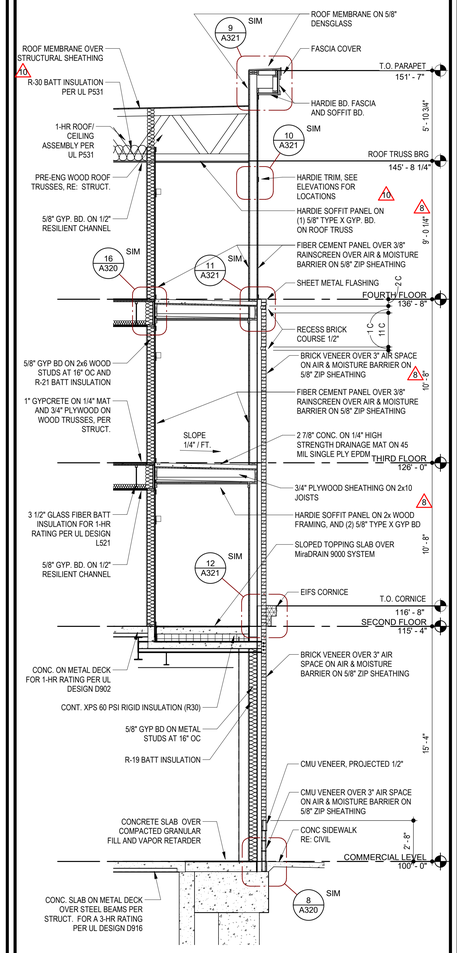
SHEET NO. A210

ENLARGED ELEVATIONS



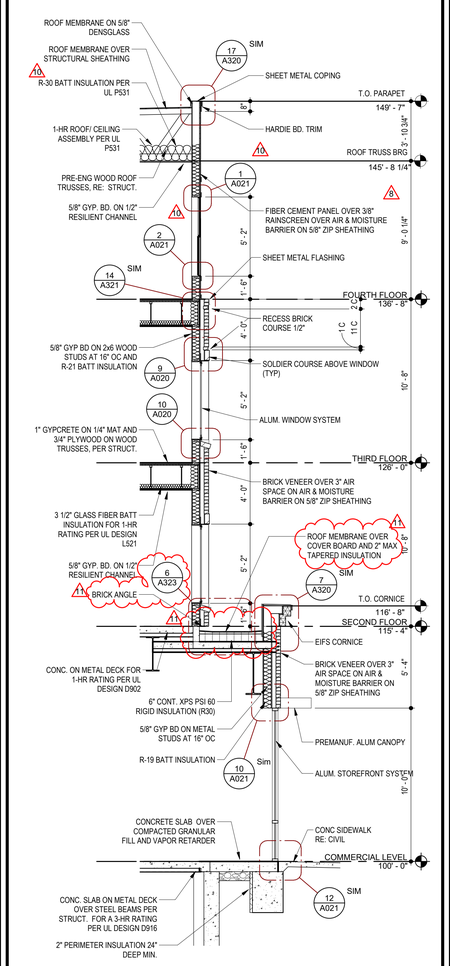
WALL SECTION @ WINDOW IN EIFS ABOVE CULTURED STONE

4 SCALE: 1/4" = 1'-0"



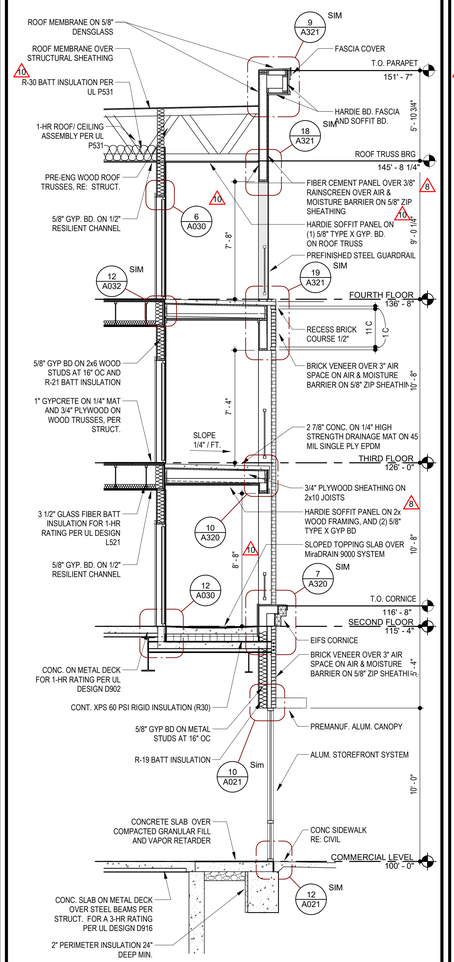
WALL SECTION @ BRICK 1 BALCONY ABOVE RETAIL

8 SCALE: 1/4" = 1'-0"



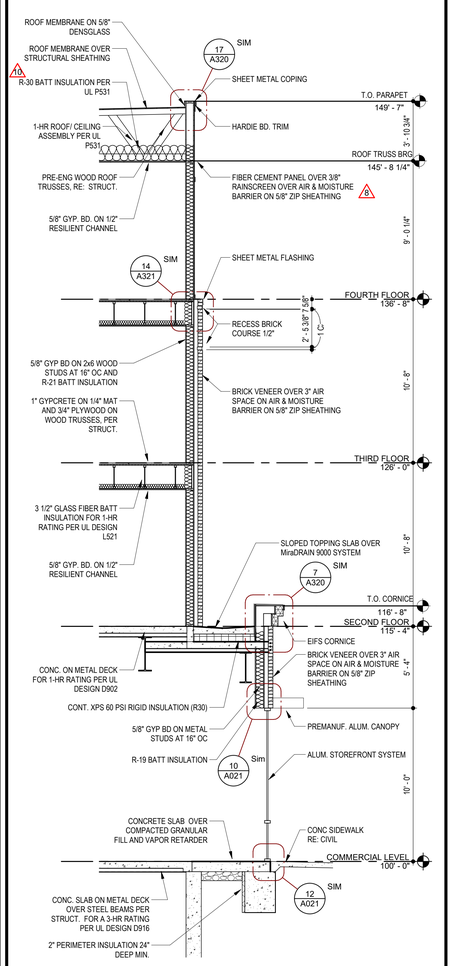
WALL SECTION @ BRICK 1 WINDOW ABOVE RETAIL

12 SCALE: 1/4" = 1'-0"



WALL SECTION @ BRICK 1 BALCONY SLIDER ABOVE RETAIL

16 SCALE: 1/4" = 1'-0"



WALL SECTION @ BRICK 1 ABOVE RETAIL

20 SCALE: 1/4" = 1'-0"

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10	REVISION 5	7.2.2020
11	REVISION 6	10.30.2020

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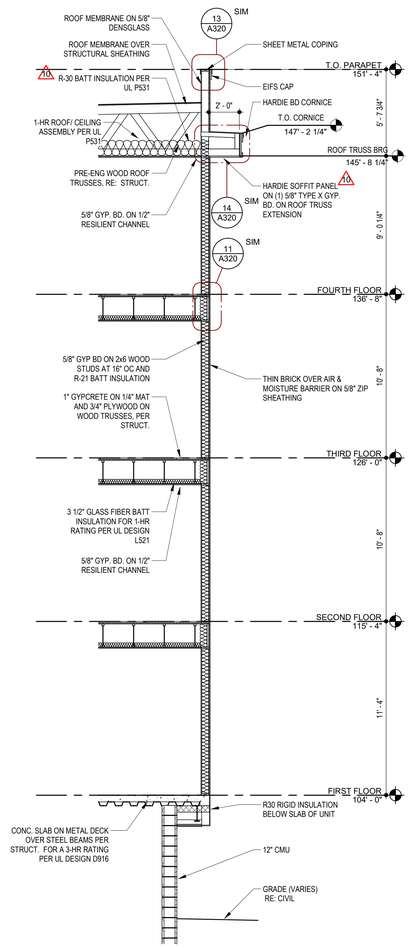
TR¡ PROJECT NO. 18-046

SHEET NO.

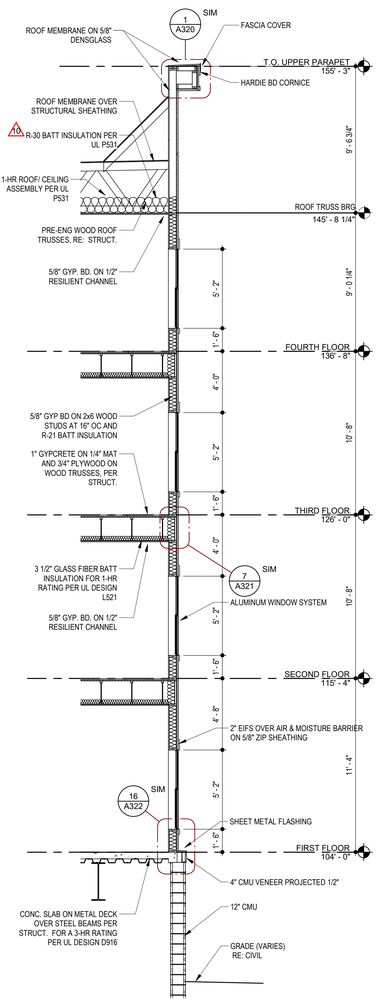
A305

WALL SECTIONS



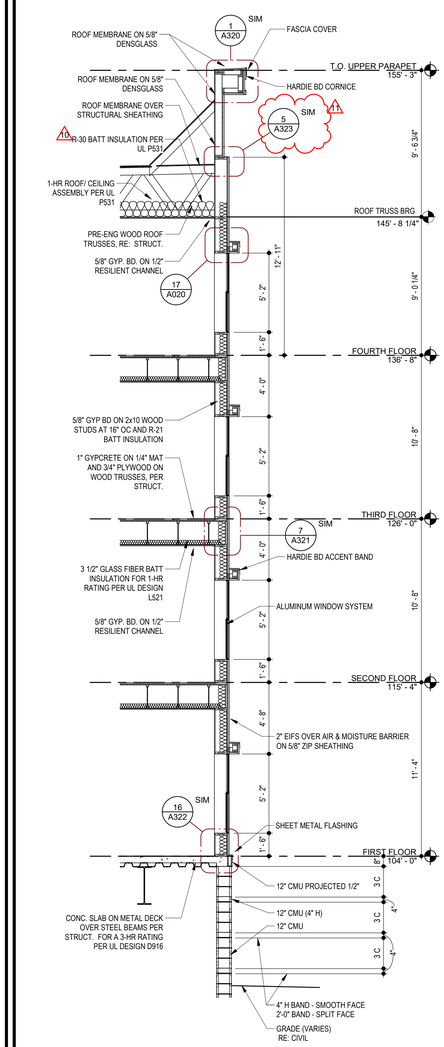
4 WALL SECTION @ G1 BRICK ABOVE GARAGE

SCALE: 1/4" = 1'-0"



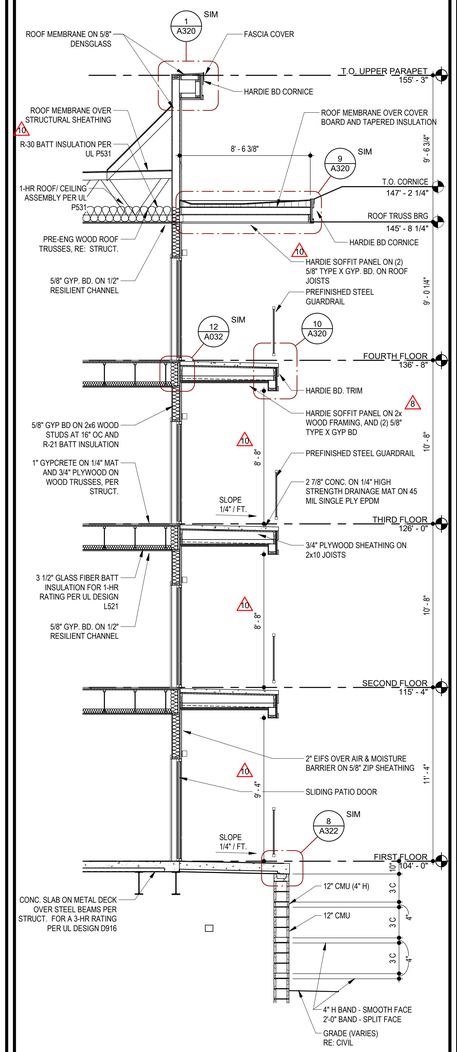
8 WALL SECTION @ G1 WINDOWS IN EIFS ABOVE GARAGE

SCALE: 1/4" = 1'-0"



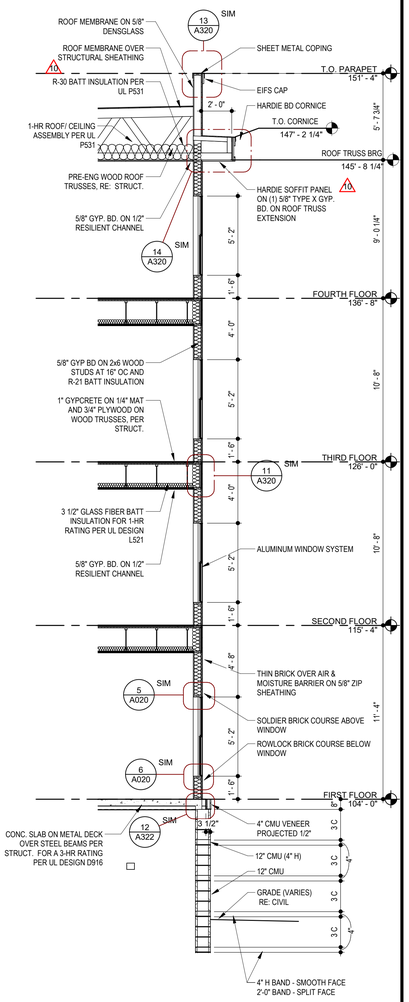
12 WALL SECTION @ G1 WINDOWS IN EIFS ACCENT ABOVE GARAGE

SCALE: 1/4" = 1'-0"



16 WALL SECTION @ G1 BALCONY ABOVE GARAGE

SCALE: 1/4" = 1'-0"



20 WALL SECTION @ G1 WINDOWS ABOVE GARAGE

SCALE: 1/4" = 1'-0"

10.30.2020

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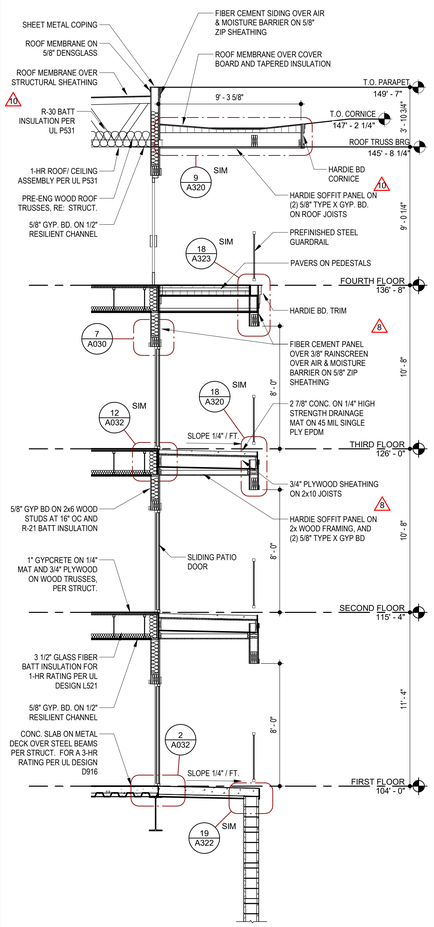
TR¡ PROJECT NO. 18-046

SHEET NO.

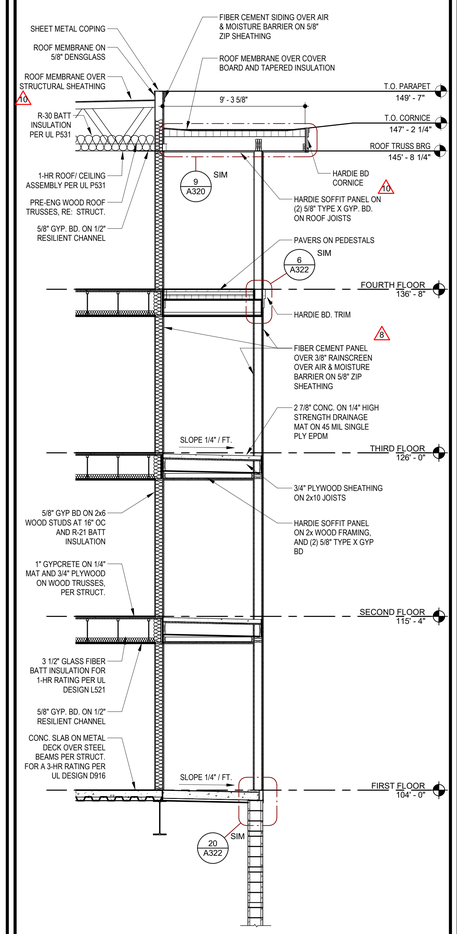
A309

WALL SECTIONS



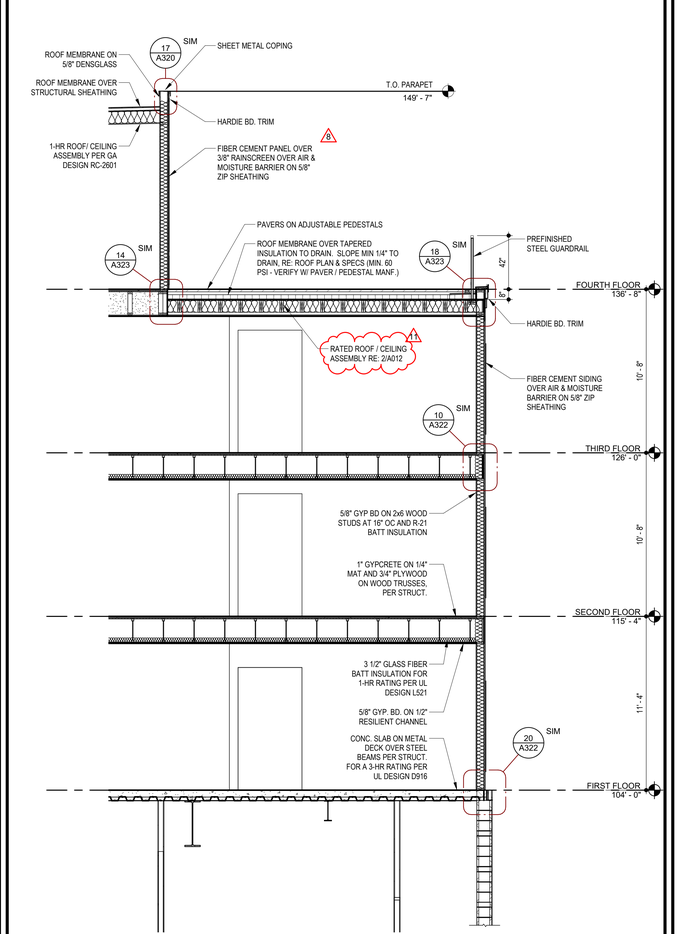
WALL SECTION @ AMENITY BALCONY ABOVE SLIDER

4 SCALE: 1/4" = 1'-0"



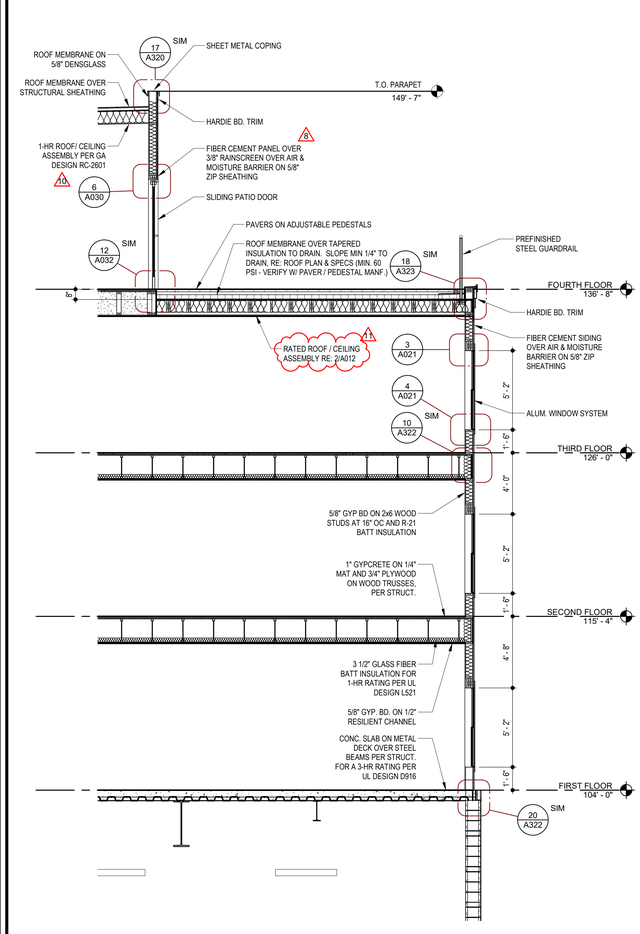
WALL SECTION @ AMENITY BALCONY

8 SCALE: 1/4" = 1'-0"



WALL SECTION @ AMENITY DECK

12 SCALE: 1/4" = 1'-0"



WALL SECTION @ AMENITY DECK & WINDOWS

16 SCALE: 1/4" = 1'-0"

10.30.2020

TR¡ ARCHITECTS — ARCHITECT
BOB D CAMPBELL & COMPANY — STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING — CIVIL ENGINEER
BRINKMANN CONSTRUCTORS — GENERAL CONTRACTOR
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REVISIONS

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	SHELL PACKAGE	7.29.19
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10	REVISION 5	7.2.2020
11	REVISION 6	10.30.2020

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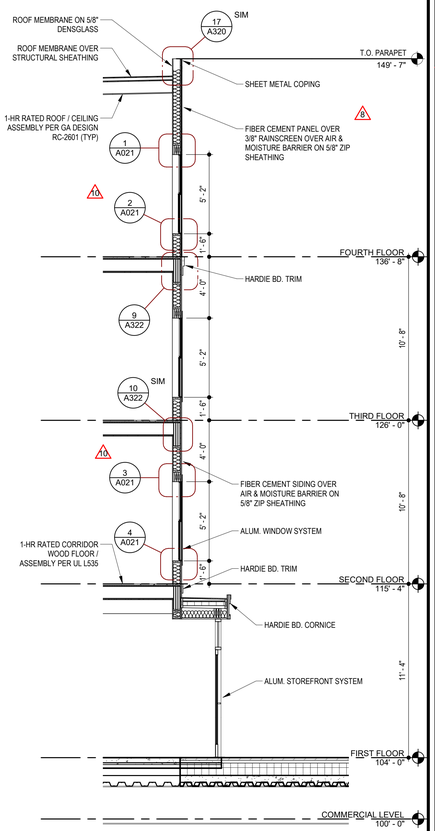
TR¡ PROJECT NO. 18-046

SHEET NO.

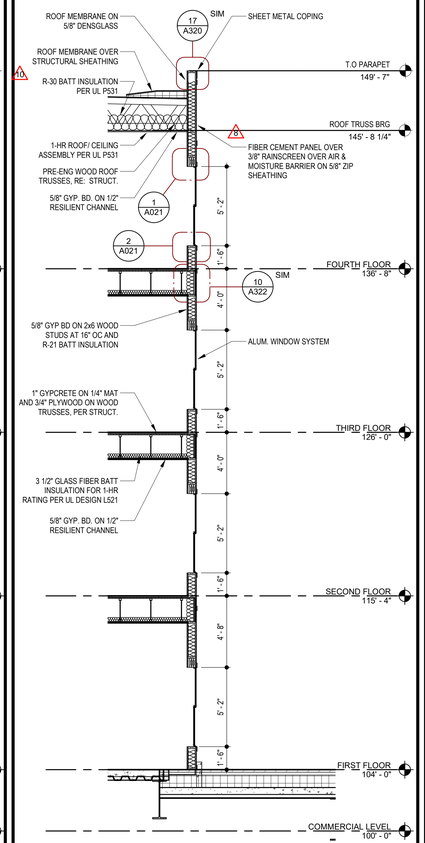
A312

WALL SECTIONS



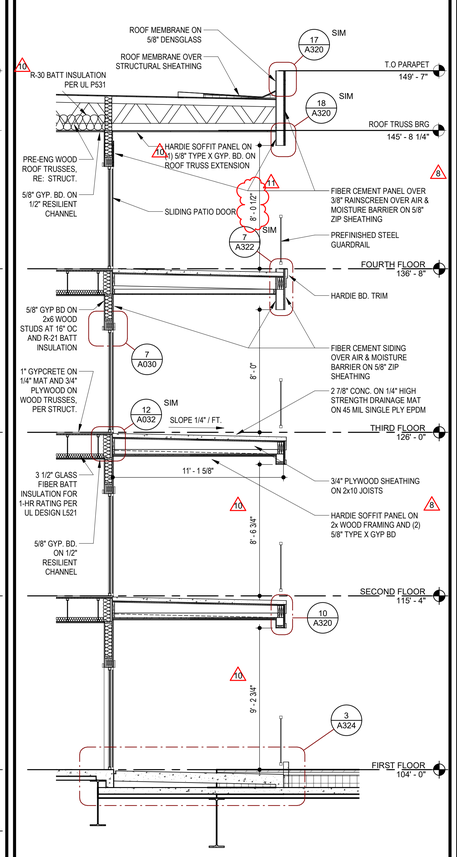
4 WALL SECTION @ COURTYARD ENTRY

SCALE: 1/4" = 1'-0"



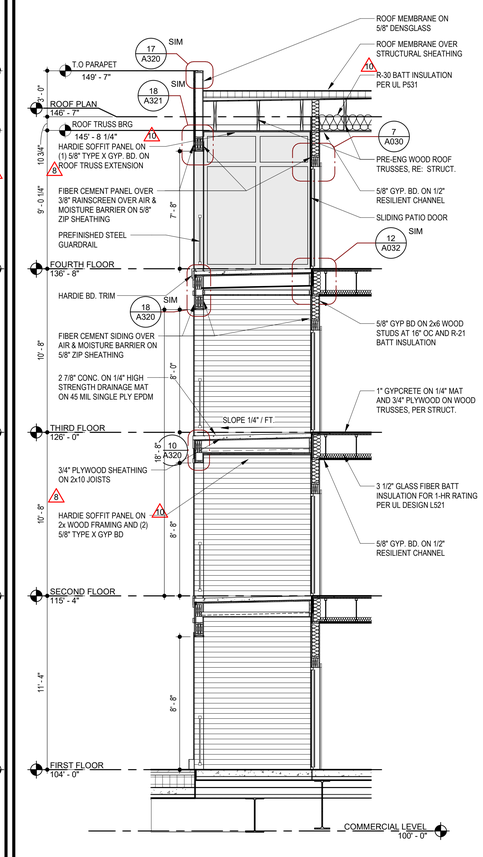
8 WALL SECTION @ COURTYARD WINDOWS IN FCP

SCALE: 1/4" = 1'-0"



12 WALL SECTION @ COURTYARD H1 BALCONY

SCALE: 1/4" = 1'-0"



16 WALL SECTION @ COURTYARD C UNIT BALCONY

SCALE: 1/4" = 1'-0"

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11	REVISION 6	10.30.2020

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TR¡ PROJECT NO. 18-046

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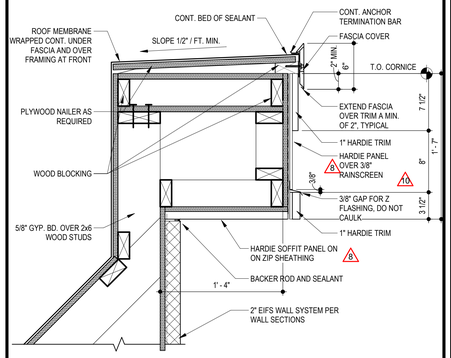
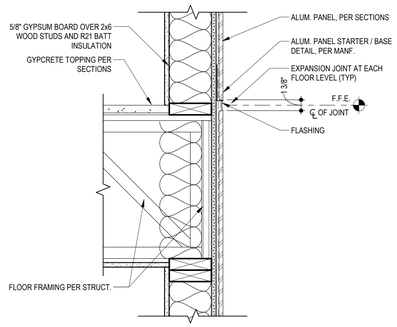
A316

NORTH & SOUTH COURTYARD WALL SECTIONS



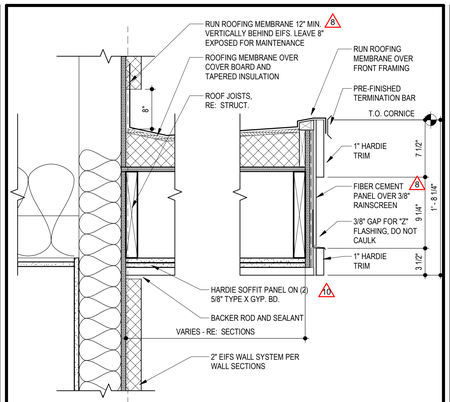
1 HARDIE BOARD CORNICE ABOVE EIFS

SCALE: 1 1/2" = 1'-0"



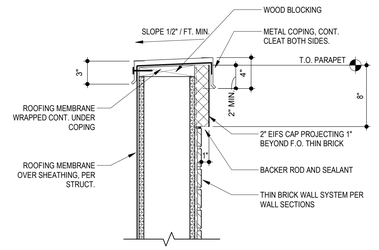
5 ALUM SIDING EXPANSION JOINT

SCALE: 1 1/2" = 1'-0"



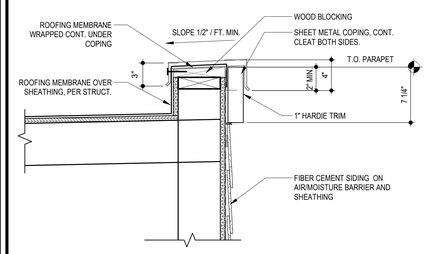
9 BALCONY ROOF DETAIL

SCALE: 1 1/2" = 1'-0"



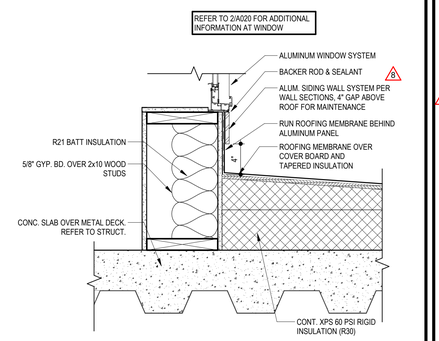
13 COPING AT THIN BRICK

SCALE: 1 1/2" = 1'-0"



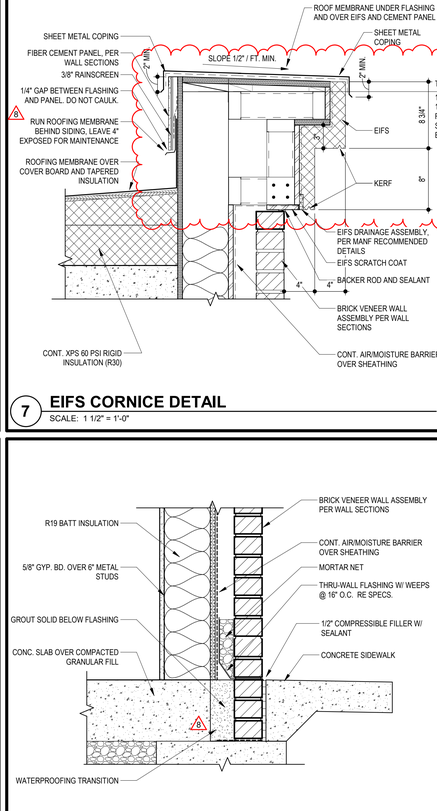
17 COPING AT F.C. SIDING (F.C. PANEL SIM.)

SCALE: 1 1/2" = 1'-0"



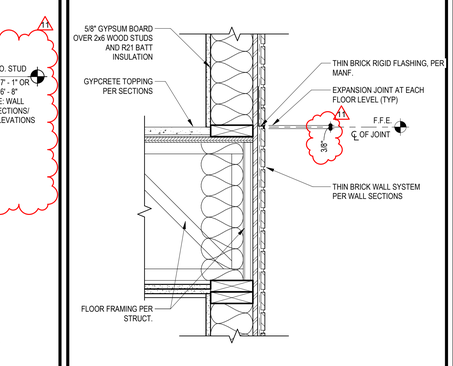
2 EIFS TO SIDING TRANSITION

SCALE: 1 1/2" = 1'-0"



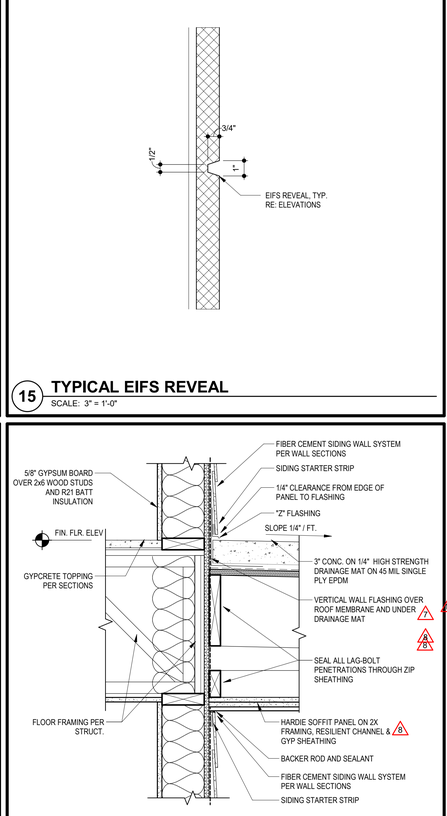
6 BALCONY ABOVE RETAIL

SCALE: 1 1/2" = 1'-0"



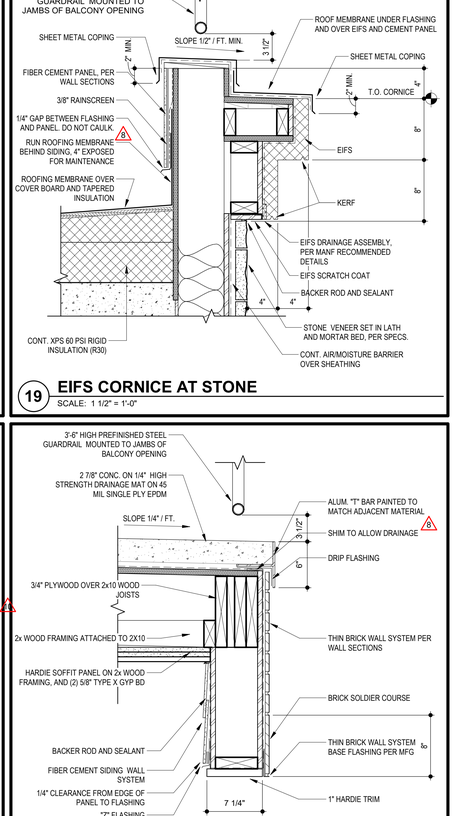
10 BALCONY SLAB DETAIL

SCALE: 1 1/2" = 1'-0"



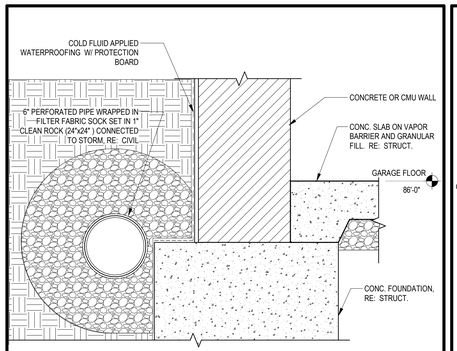
14 CORNICE DETAIL

SCALE: 1 1/2" = 1'-0"



18 BALCONY SLAB AT FIBER CEMENT PANEL/SIDING

SCALE: 1 1/2" = 1'-0"

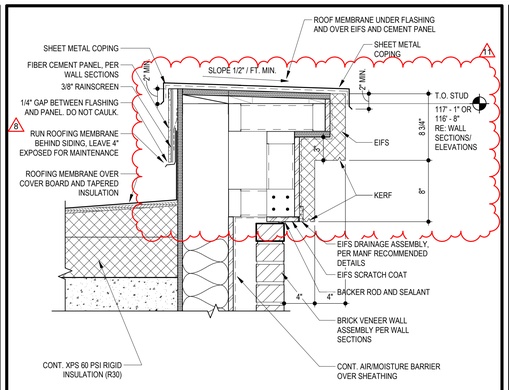


4 TYPICAL BASE OF WALL DETAIL

SCALE: 1 1/2" = 1'-0"

3 BASE OF WALL ABOVE RETAIL

SCALE: 1 1/2" = 1'-0"



7 EIFS CORNICE DETAIL

SCALE: 1 1/2" = 1'-0"

11 THIN BRICK EXPANSION JOINT

SCALE: 1 1/2" = 1'-0"

15 TYPICAL EIFS REVEAL

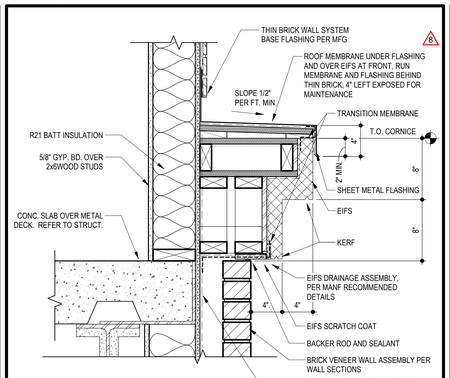
SCALE: 3" = 1'-0"

19 EIFS CORNICE AT STONE

SCALE: 1 1/2" = 1'-0"

8 BRICK AT BASE OF WALL (SIM. AT GRADE)

SCALE: 1 1/2" = 1'-0"



12 EIFS CORNICE AT THIN BRICK/BRICK

SCALE: 1 1/2" = 1'-0"

16 BALCONY DETAIL AT WALL

SCALE: 1 1/2" = 1'-0"

20 BALCONY SLAB DETAIL AT THIN BRICK

SCALE: 1 1/2" = 1'-0"

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BRINKMANN CONSTRUCTORS
LATIMER SOMMERS & ASSOCIATES
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ARCHITECT
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10	REVISION 5	7.2.2020
11	REVISION 6	10.30.2020

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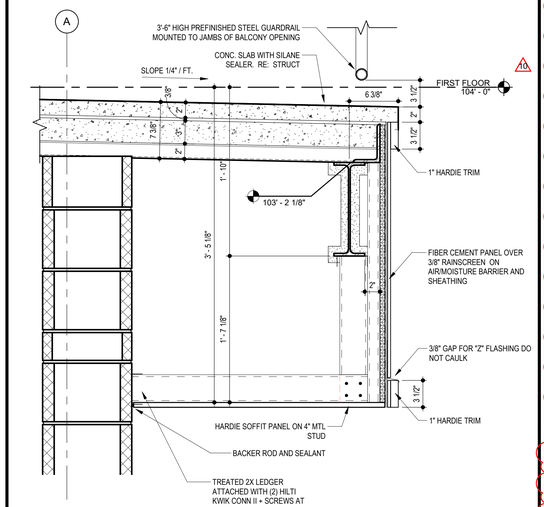
TR¡ PROJECT NO. 18-046

SHEET NO.

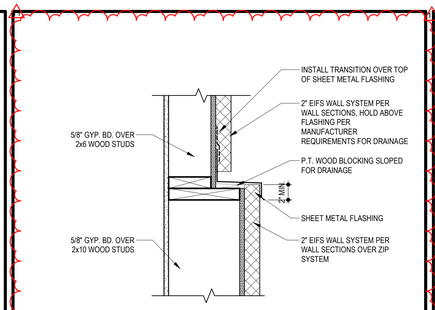
A320

SECTION DETAILS



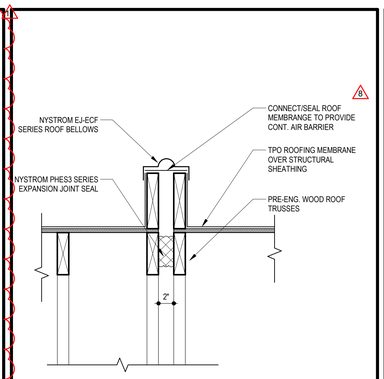
BALCONY SLAB ABOVE F.C. SOFFIT - BETWEEN GRID 3.1 - 3.4

1 SCALE: 1 1/2" = 1'-0"



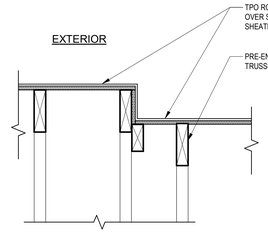
EIFS TO EIFS TRANSITION

5 SCALE: 1 1/2" = 1'-0"



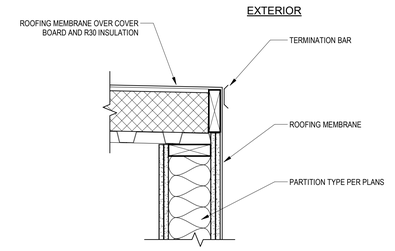
ROOF EXPANSION JOINT DETAIL

9 SCALE: 1 1/2" = 1'-0"



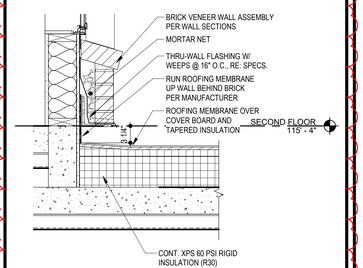
ROOF TRANSITION DETAIL

13 SCALE: 1 1/2" = 1'-0"



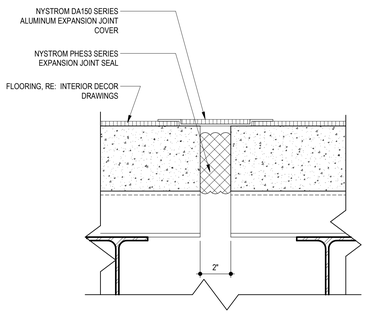
ELEVATOR COPING DETAIL

17 SCALE: 1 1/2" = 1'-0"



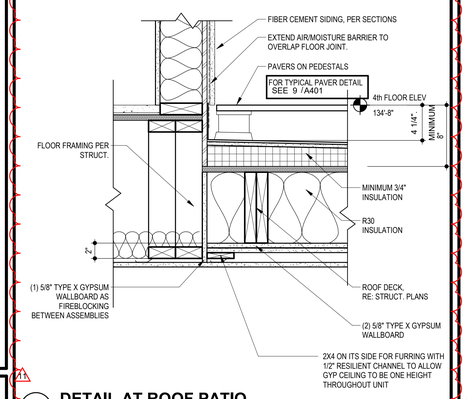
BASE OF WALL ABOVE RETAIL @ BRICK

6 SCALE: 1" = 1'-0"



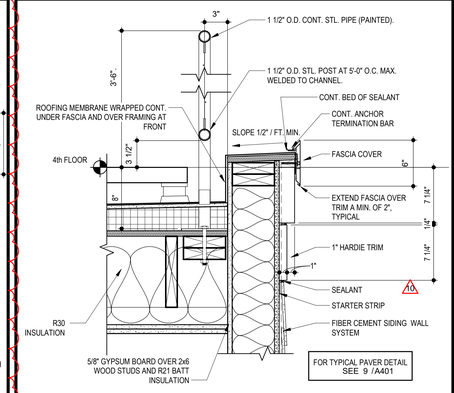
EXPANSION JOINT COVER AT FLOOR

10 SCALE: 3" = 1'-0"



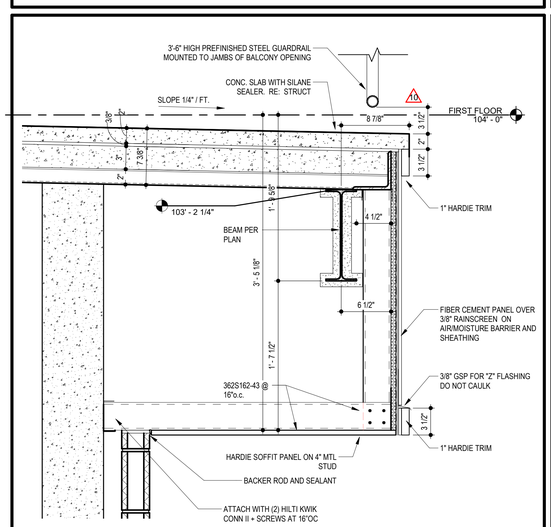
DETAIL AT ROOF PATIO

14 SCALE: 1 1/2" = 1'-0"



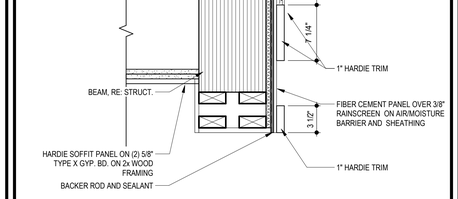
GUARDRAIL AT ROOF PATIO

18 SCALE: 1 1/2" = 1'-0"



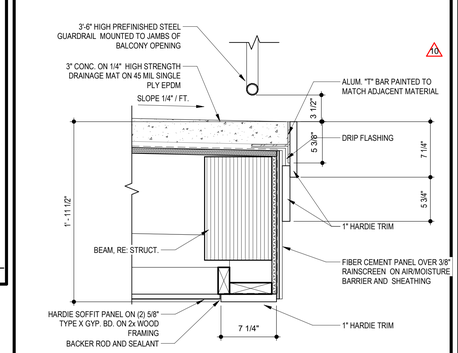
BALCONY SLAB ABOVE F.C. SOFFIT - BETWEEN GRID 9.4 - 10

3 SCALE: 1 1/2" = 1'-0"



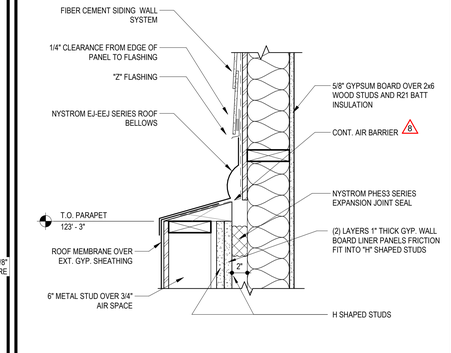
BALCONY SLAB AT TRIM - THIRD FLOOR

11 SCALE: 1 1/2" = 1'-0"



BALCONY SLAB AT TRIM

15 SCALE: 1 1/2" = 1'-0"

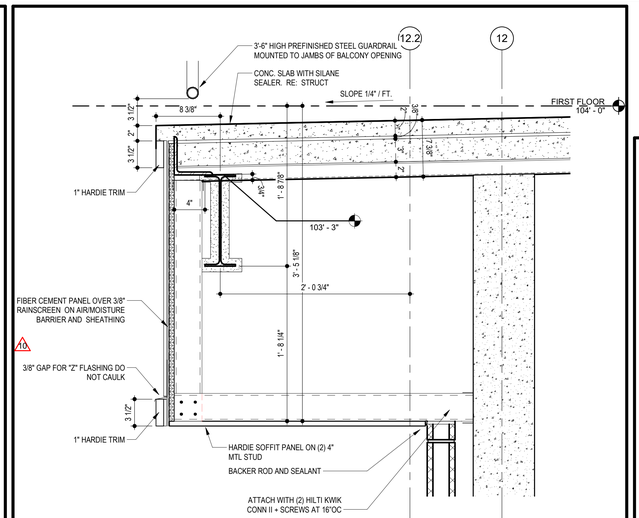


EXPANSION JOINT AT SIDING

19 SCALE: 1 1/2" = 1'-0"

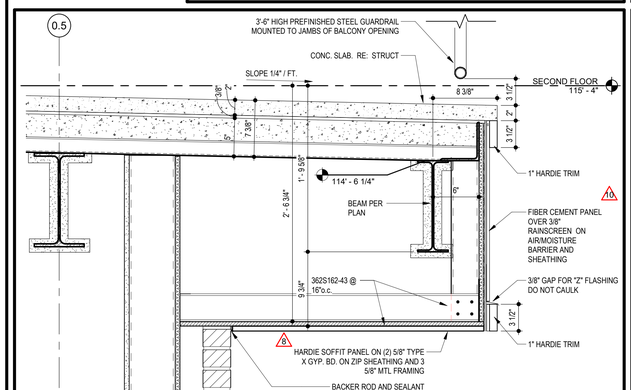
BALCONY SLAB ABOVE F.C. SOFFIT - NEAR GRID C SOUTH ELEVATION

4 SCALE: 1 1/2" = 1'-0"



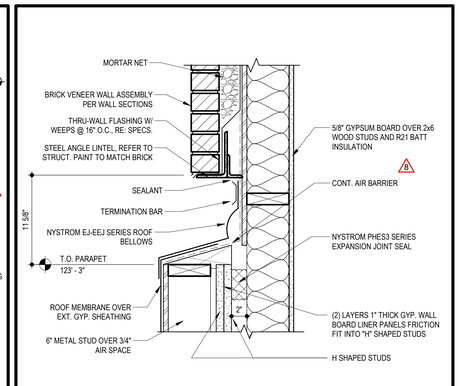
BALCONY SLAB ABOVE F.C. SOFFIT - NEAR GRID C NORTH ELEVATION

8 SCALE: 1 1/2" = 1'-0"



D1 BALCONY ABOVE RETAIL

16 SCALE: 1 1/2" = 1'-0"



EXPANSION JOINT AT BRICK

20 SCALE: 1 1/2" = 1'-0"

ARCHITECT — TR¡ ARCHITECTS
STRUCTURAL ENGINEER — BOB D CAMPBELL & COMPANY
CIVIL ENGINEER — RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR — BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER — LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER — LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER — LATIMER SOMMERS & ASSOCIATES

10.30.2020

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REVISIONS 8

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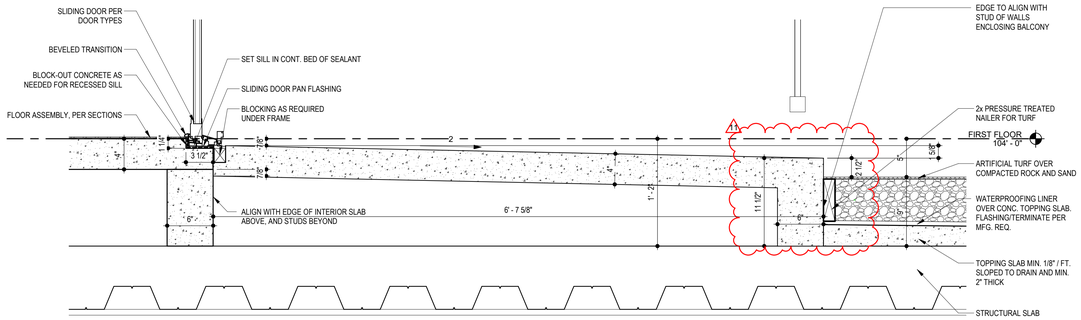
TR¡ PROJECT NO. 18-046

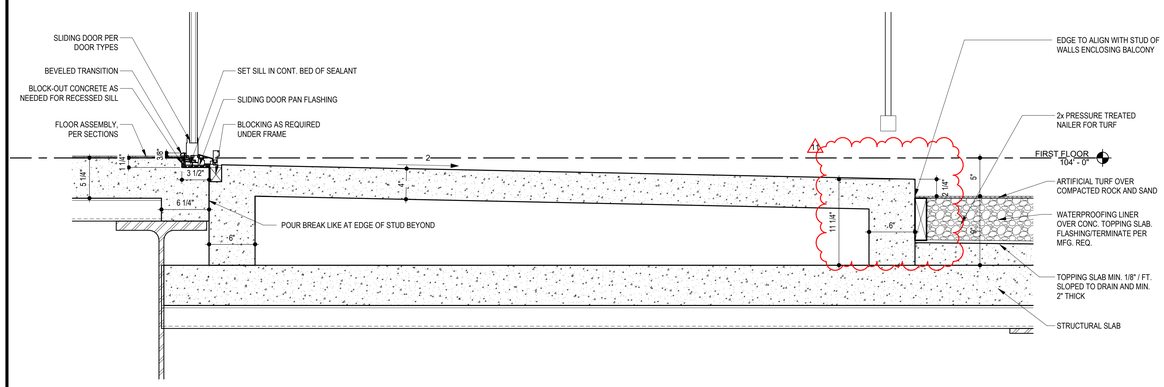
SHEET NO.

A323

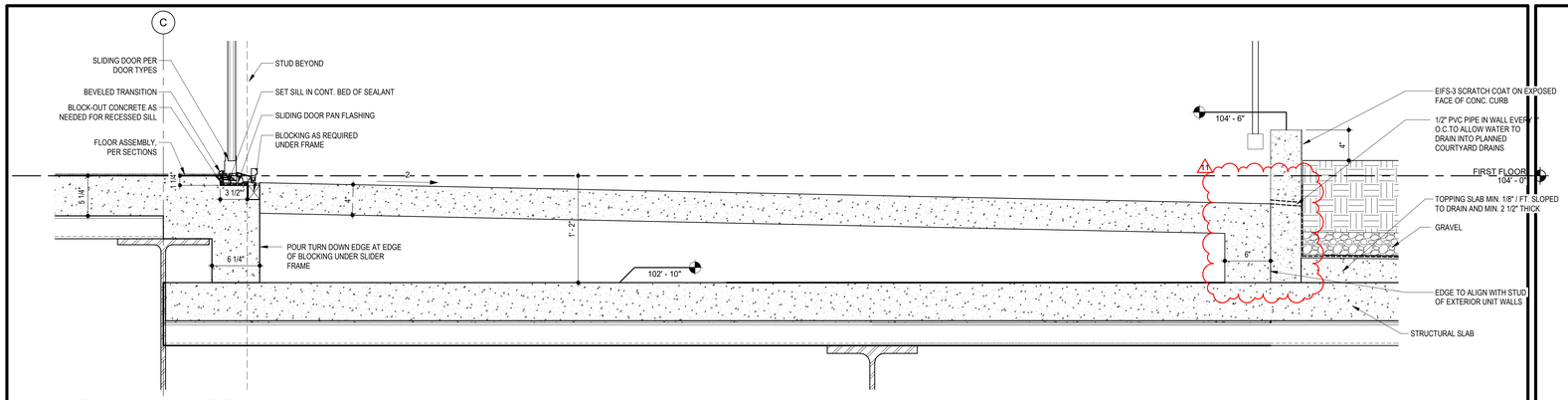
SECTION DETAILS



1 D2 BALCONY - FIRST FLOOR
SCALE: 1 1/2" = 1'-0"



2 C1 BALCONY - FIRST FLOOR SOUTH
SCALE: 1 1/2" = 1'-0"



3 H2 BALCONY - FIRST FLOOR
SCALE: 1 1/2" = 1'-0"

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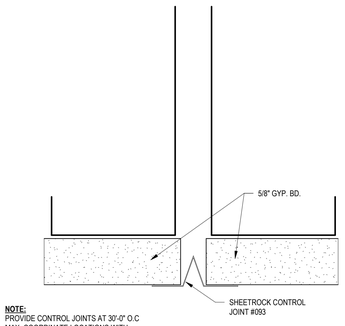
TR¡ PROJECT NO. 18-046

SHEET NO.

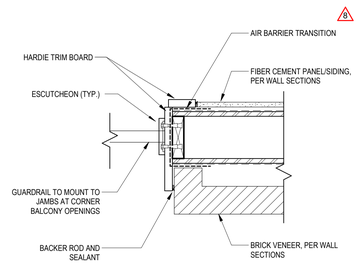
A324

BALCONY SECTIONS

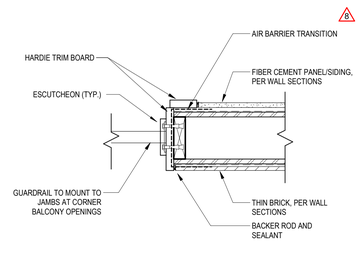


NOTE:
PROVIDE CONTROL JOINTS AT 30'-0" O.C MAX. COORDINATE LOCATIONS WITH ARCHITECT.

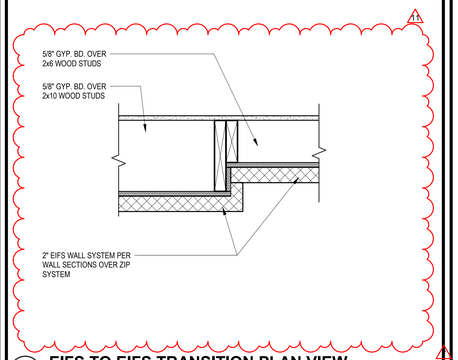
9 DRYWALL CONTROL JOINT
SCALE: 1/4" = 1'-0"



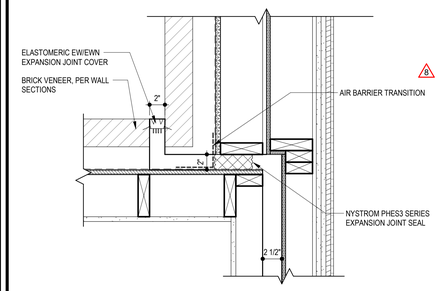
13 PLAN DETAIL AT BALCONY - BRICK
SCALE: 1 1/2" = 1'-0"



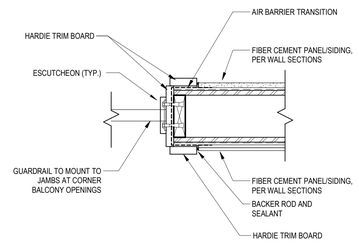
17 PLAN DETAIL AT BALCONY - THIN BRICK
SCALE: 1 1/2" = 1'-0"



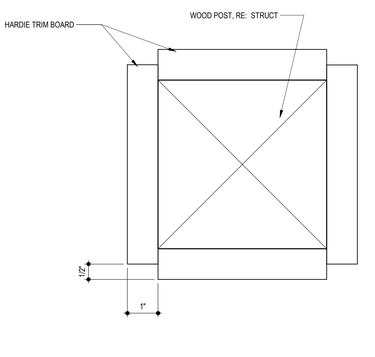
10 EIFS TO EIFS TRANSITION PLAN VIEW
SCALE: 1 1/2" = 1'-0"



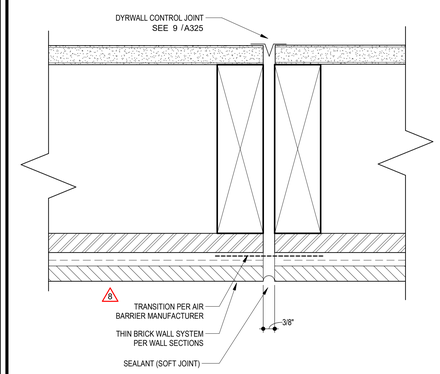
14 EXPANSION JOINT AT WEST ELEVATION
SCALE: 1 1/2" = 1'-0"



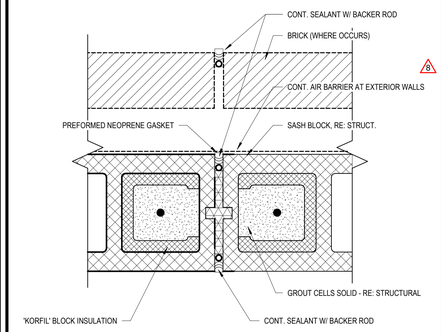
18 PLAN DETAIL AT BALCONY - SIDING/PANEL
SCALE: 1 1/2" = 1'-0"



15 BALCONY ROOF POST DETAIL
SCALE: 6" = 1'-0"



19 THIN BRICK CONTROL JOINT
SCALE: 6" = 1'-0"



20 MASONRY CONTROL JOINT DETAIL
SCALE: 3" = 1'-0"

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11	REVISION 6	10.30.2020

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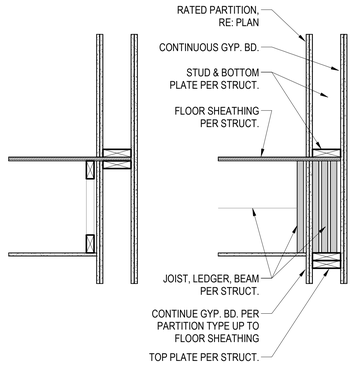
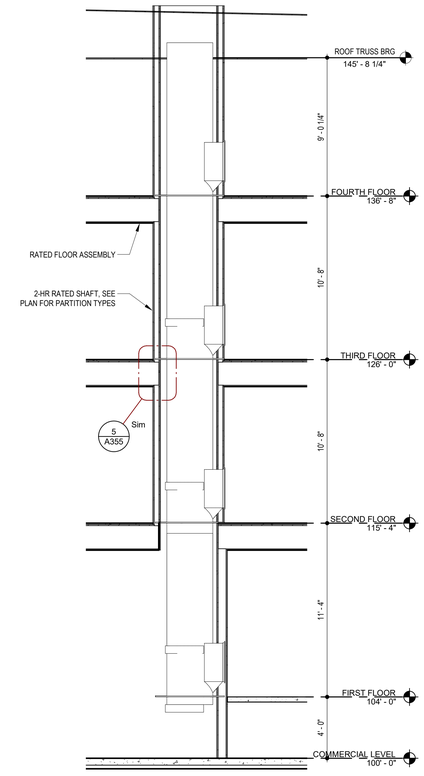
SHEET NO.

A325

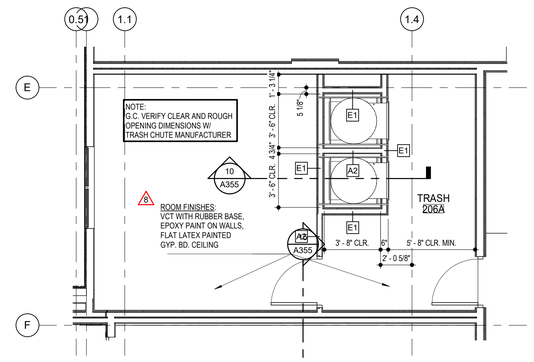
PLAN DETAILS



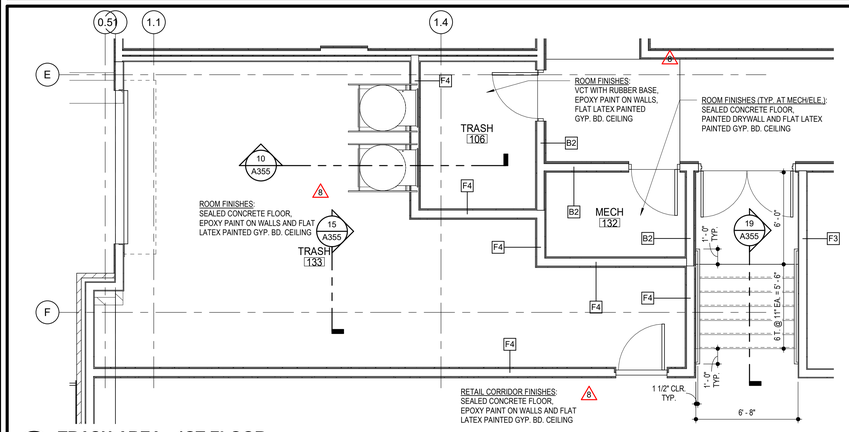
5 SHAFT DETAILS
SCALE: 1" = 1'-0"



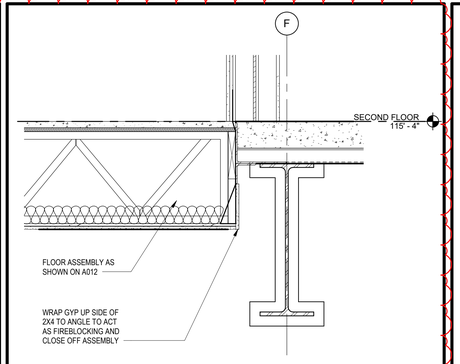
10 TRASH CHUTE SECTION
SCALE: 1/4" = 1'-0"



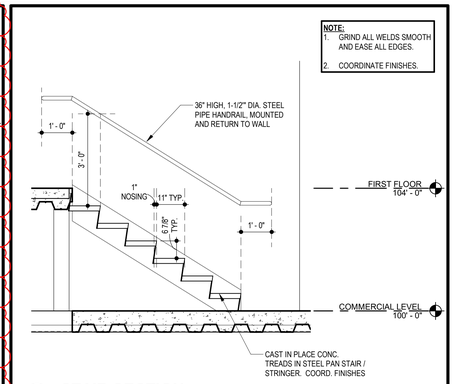
13 TRASH AREA - FLOORS 2 thru 4
SCALE: 1/4" = 1'-0"



14 TRASH AREA - 1ST FLOOR
SCALE: 1/4" = 1'-0"



15 FLOOR ASSEMBLIES AT TRASH ROOM
SCALE: 1" = 1'-0"



19 STAIR SECTION
SCALE: 1/2" = 1'-0"

STATE OF MISSOURI
JAMES M. RUSSELL
NUMBER A-6
REGISTERED ARCHITECT
10.30.2020

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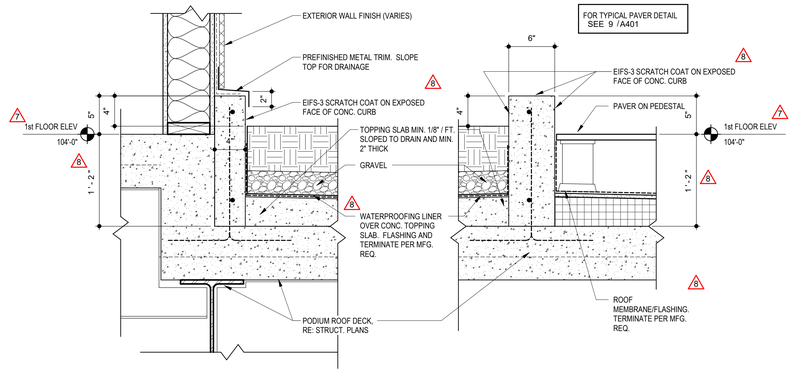
TR¡ PROJECT NO. 18-046

SHEET NO.

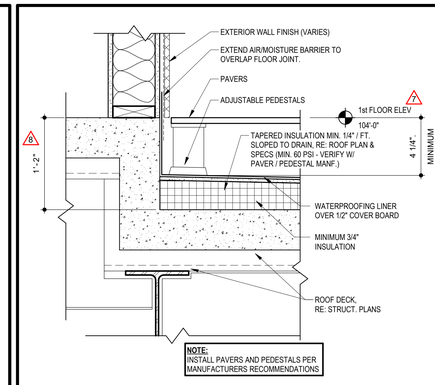
A355

TRASH CHUTE



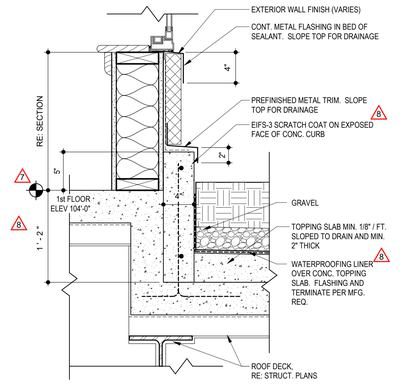
1 COURTYARD LOW PLANTER DETAIL

SCALE: 1 1/2" = 1'-0"



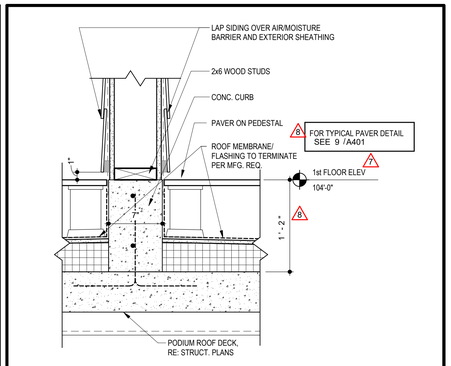
9 PATIO PAVER DETAIL

SCALE: 1 1/2" = 1'-0"



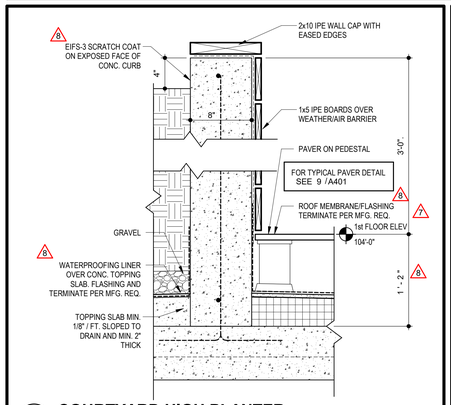
13 LOW PLANTER CURB AT WINDOW

SCALE: 1 1/2" = 1'-0"



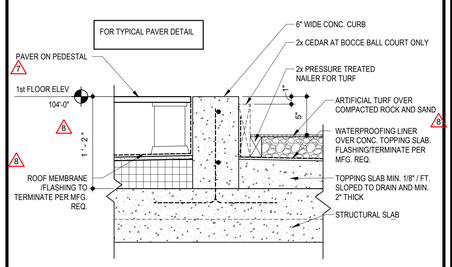
17 CURB AT BALCONY DIVIDER WALL

SCALE: 1 1/2" = 1'-0"



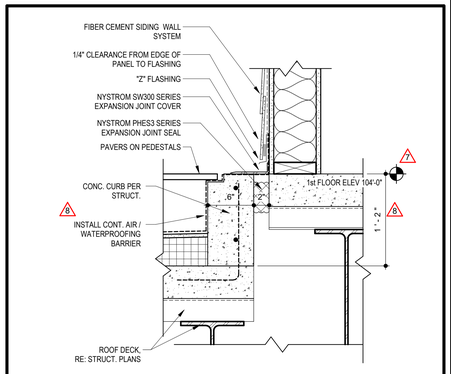
2 COURTYARD HIGH PLANTER

SCALE: 1 1/2" = 1'-0"



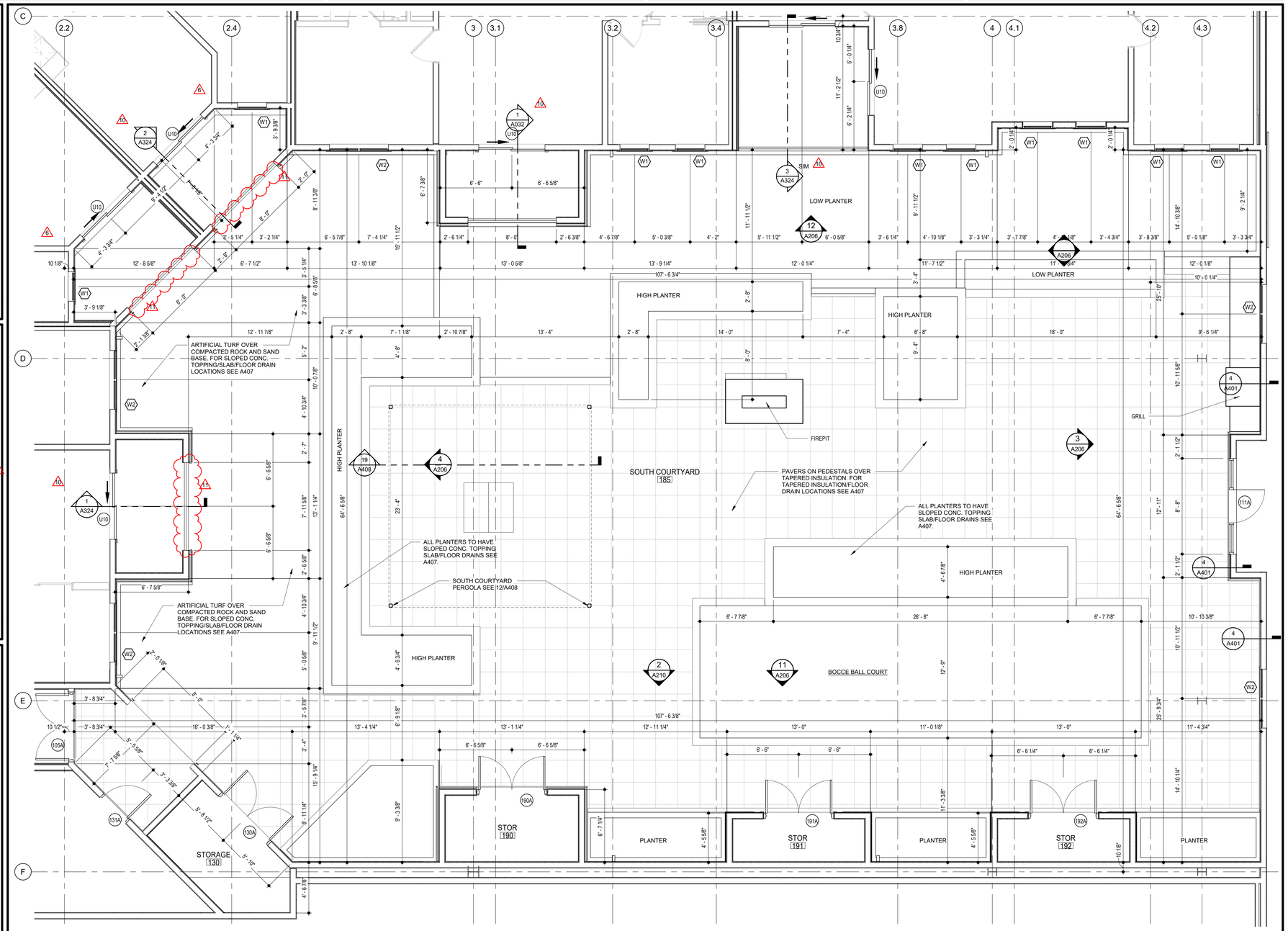
3 ARTIFICIAL TURF DETAIL

SCALE: 1 1/2" = 1'-0"



4 EXPANSION JOINT COVER AT PAVERS

SCALE: 1 1/2" = 1'-0"



8 ENLARGED PLAN - SOUTH COURTYARD 1ST FLOOR

SCALE: 1/4" = 1'-0"

10.30.2020

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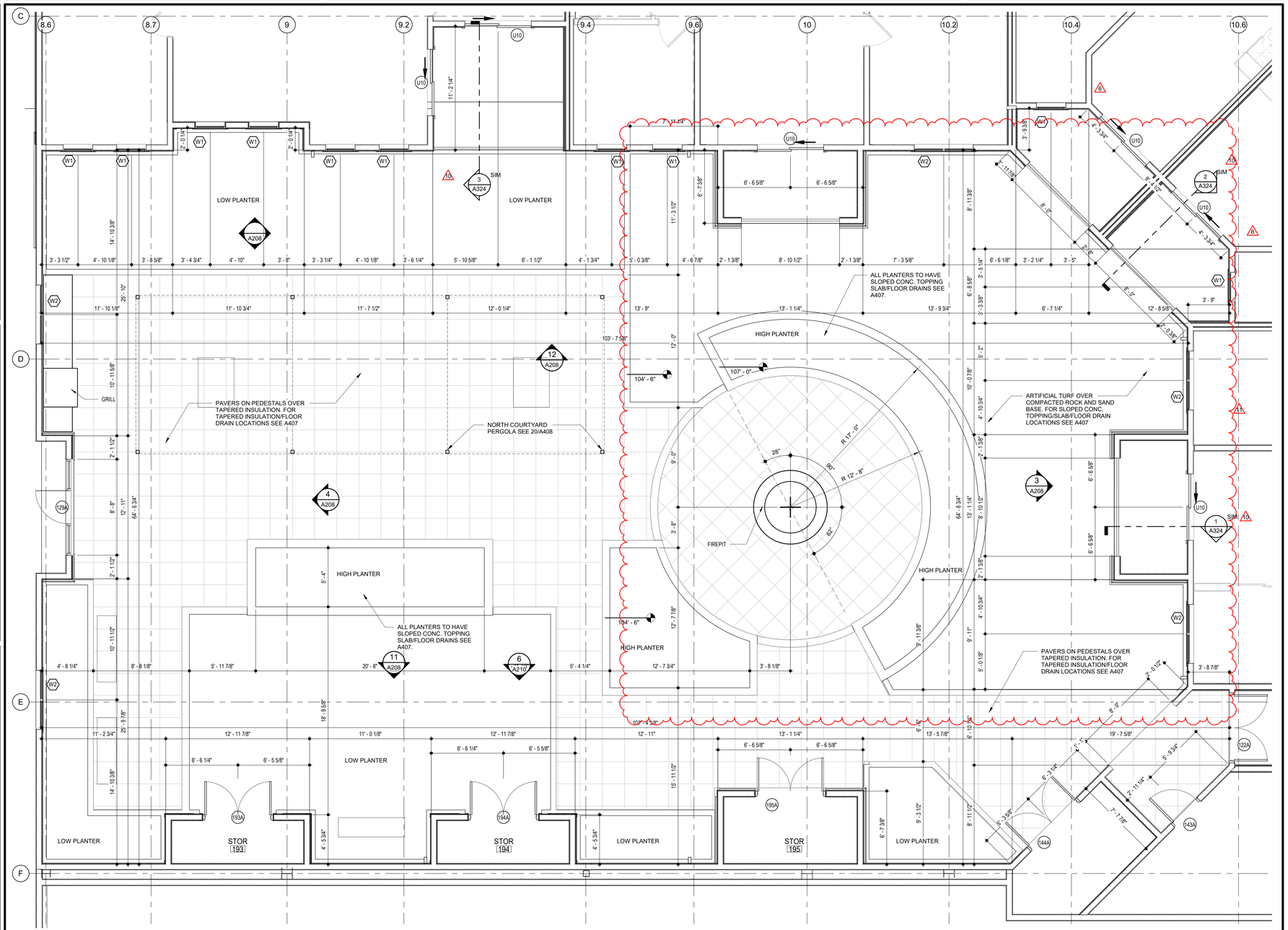
TR¡ PROJECT NO. 18-046

SHEET NO.

A401

ENLARGED COURTYARD PLANS



1 **ENLARGED PLAN - NORTH COURTYARD 1ST FLOOR**
SCALE: 1/4" = 1'-0"

10.30.2020

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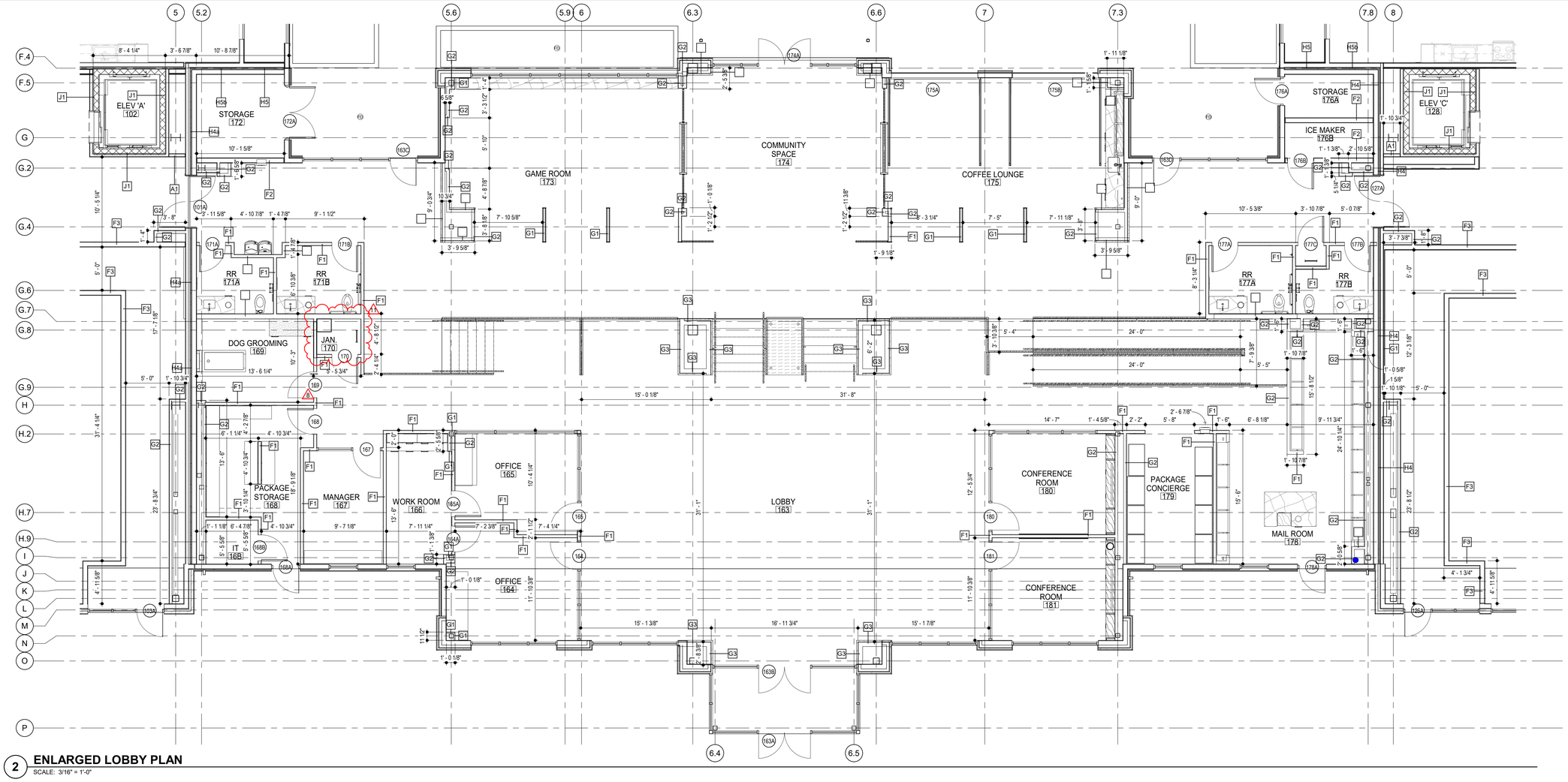
SHEET NO.

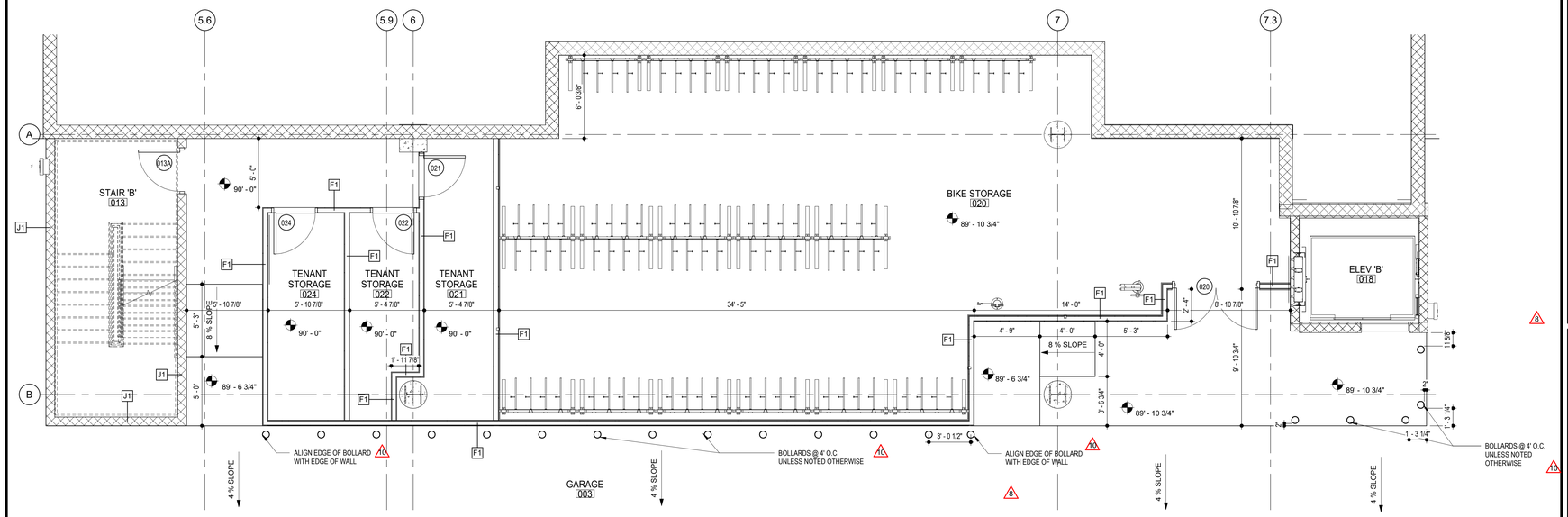
A405

ENLARGED COURTYARD PLANS



2 ENLARGED LOBBY PLAN

SCALE: 3/16" = 1'-0"



4 GARAGE PLAN - BIKE STORAGE

SCALE: 1/4" = 1'-0"

GENERAL NOTES

A. EXTERIOR DIMENSIONS ARE TO FACE OF STUD OR FACE OF MASONRY. INTERIOR DIMENSIONS ARE TO FINISH FACE OF THE GYP OR SHEATHING OF THE WALL AND DOES NOT INCLUDE THE STONE VENEER.

B. FOR DOOR SCHEDULE SEE SHEET A013 XXX

C. FOR WINDOW SCHEDULE SEE SHEET A014 X

D. FOR PARTITION TYPES SEE SHEET A011 X

E. FOR UNIT INTERIOR PARTITION TYPES AND LOCATIONS REFER TO UNIT SHEETS (A50 THROUGH A164).

F. A MINIMUM RATED 1A:10B:C FIRE EXTINGUISHER TO BE PROVIDED IN EACH UNIT. FIRE EXTINGUISHERS ARE TO BE LOCATED EVERY 75'-0" IN CORRIDORS (MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER).

G. CONTROL JOINTS SHOULD BE SPACED IN GYPSUM WALL BOARD TO LIMIT EXPANSES TO 30'-0" MAXIMUM. CONTROL JOINTS ARE RECOMMENDED AT DOOR JAMBS EXTENDING FROM DOOR HEAD TO CEILING. CEILING GYPSUM BOARD CONTROL JOINTS SHOULD LIMIT THE CEILING AREA TO 2,500 SF MAX. AND 50'-0" IN EITHER DIRECTION. CONTROL JOINT SHOULD BE INSTALLED WHERE THERE IS A CHANGE IN DIRECTION IN CEILING FRAMING/FURRING OR SPACE CONTROL JOINTS AT THE CEILING AND WALL PER THE MANUFACTURER'S RECOMMENDED INSTALLATION GUIDELINES. CEILING AND WALL CONTROL JOINTS ARE TO ALIGN AT ALL INTERSECTIONS WHERE APPLICABLE TO FORM A CONTINUOUS CONTROL JOINT. ENSURE THAT CONTROL JOINTS ARE LOCATED AT STRUCTURAL CONSTRUCTION JOINTS AND AT THE TOP AND BOTTOM OF ALL INTERIOR RAMPS.

H. UNLESS NOTED OTHERWISE, CORRIDOR PARTITION TYPE IN RESIDENTIAL AREA TO BE B2 UNIT ENTRY RECESS PARTITION TYPE TO BE A2, AND PARTITION TYPE BEHIND REFRIGERATOR TO BE B1.

I. COORDINATE LOCATION OF BEARING WALLS INSIDE DWELLING UNITS WITH UNIT PLANS.

J. REFER TO LIFE SAFETY PLANS FOR ADDITIONAL INFORMATION ON FIRE RATED PARTITION LOCATIONS.

K. NO PENETRATIONS WITHIN 4' OF FIRE WALLS. VERIFY IN FIELD.

10.30.2020

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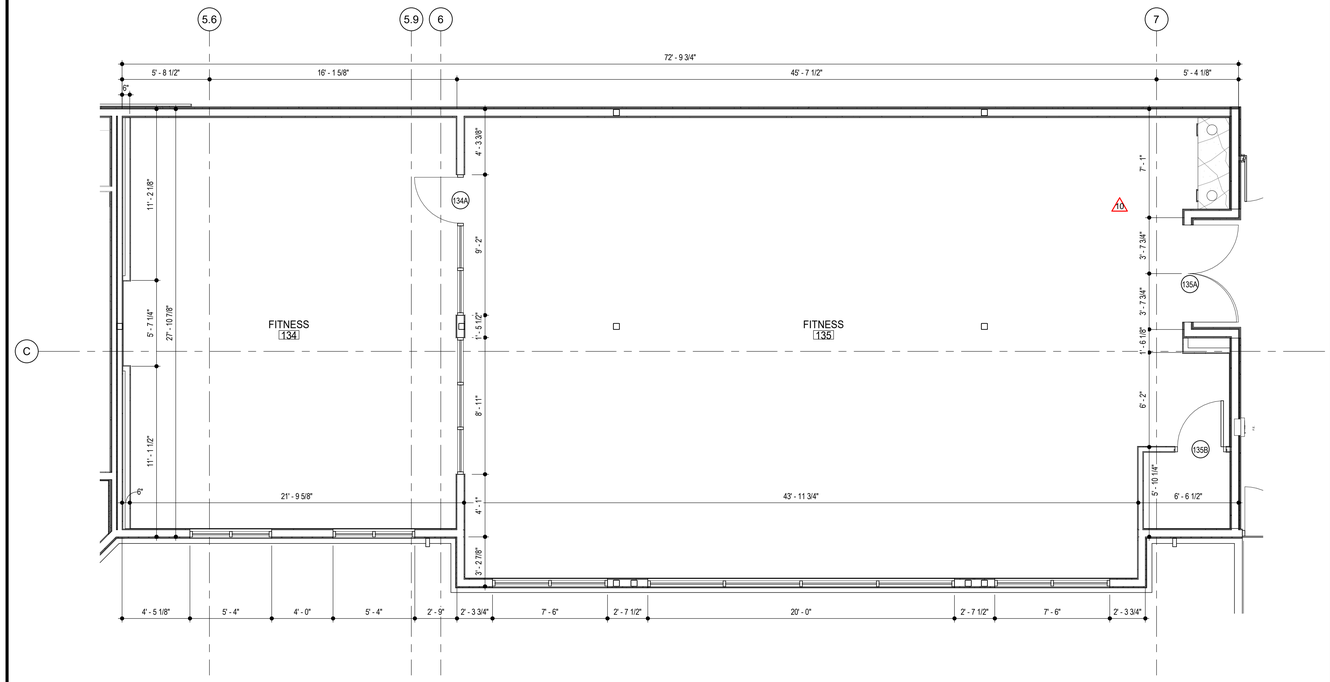
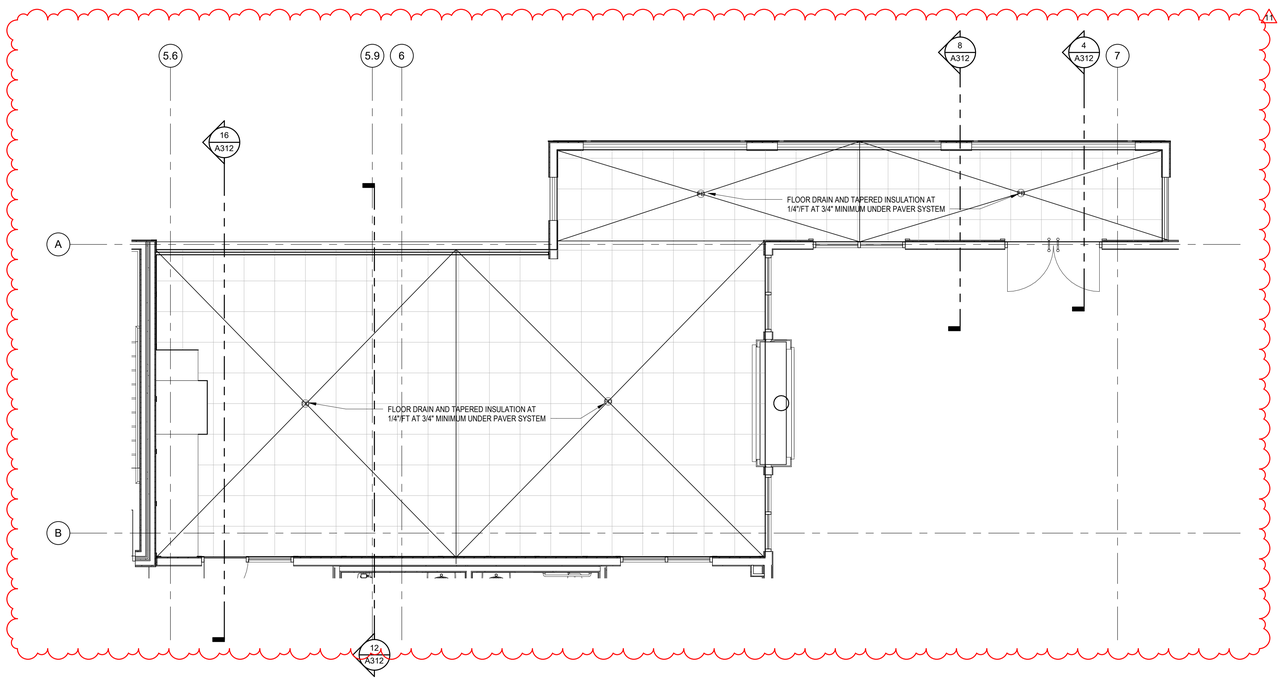
SHEET NO. 7

A410

ENLARGED AMENITY SPACES



2 FITNESS/YOGA ENLARGED PLAN
SCALE: 1/4" = 1'-0"



4 FOURTH FLOOR PLAN - AMENITY DECK DRAINS
SCALE: 1/4" = 1'-0"

10.30.2020

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11	REVISION 6	10.30.2020

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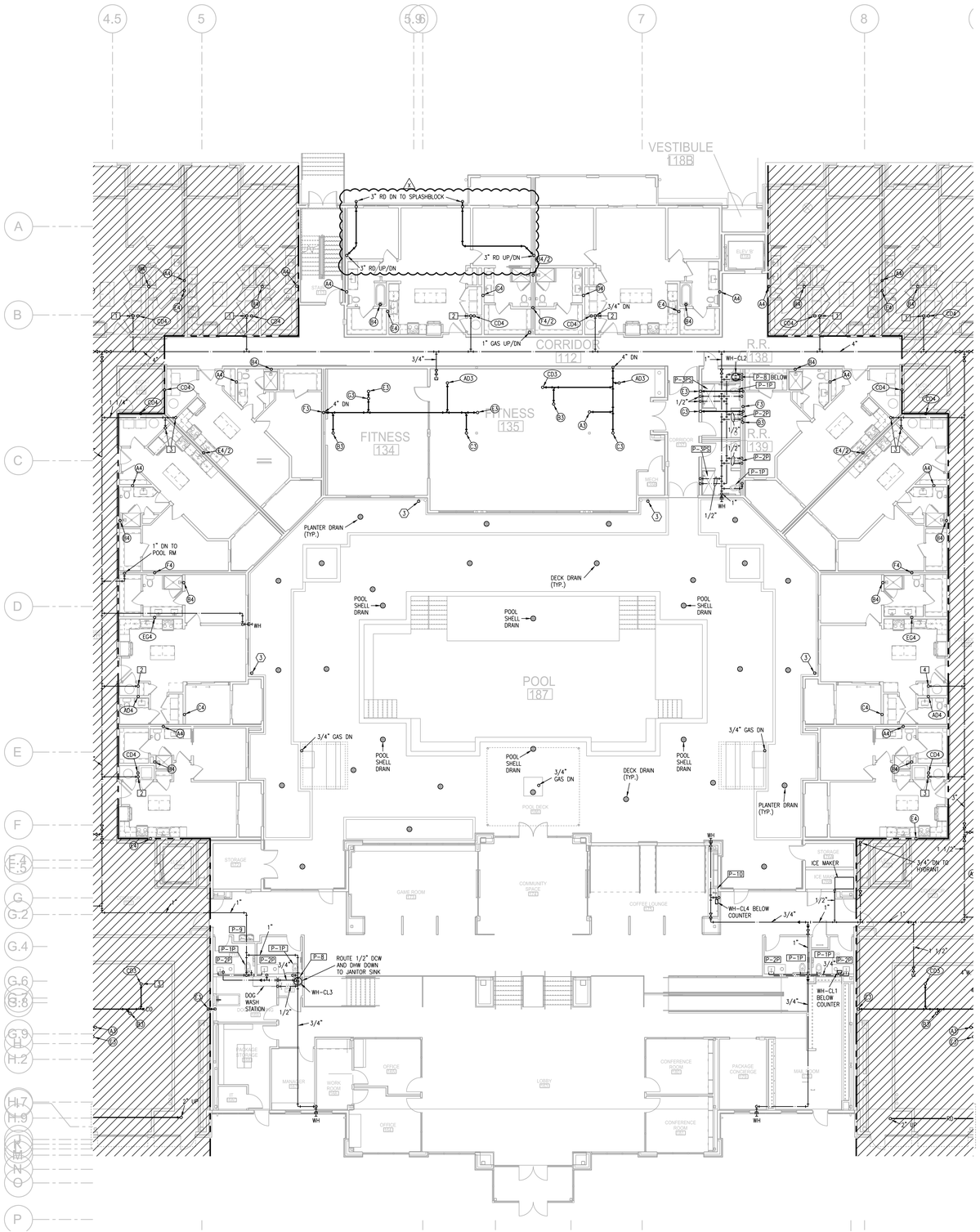
TR¡ PROJECT NO. 18-046

SHEET NO. A411

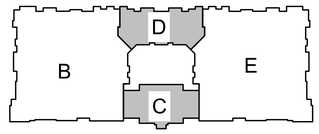
ENLARGED AMENITY SPACES



1 **FIRST FLOOR PLAN - AREA C/D**
3/32"=1'-0" PLUMBING NORTH

NOTES:
1. ALL DRAIN, WASTE AND VENT PIPING IS 2" UNLESS NOTED OTHERWISE.
2. ALL BELOW SLAB SUPPLY PIPING SHALL BE PEX WITH NO JOINTS. DHW BELOW SLAB TO BE INSULATED TO R-3.
3. DHW PIPING 3/4" AND LARGER TO BE INSULATED TO R-3 MINIMUM
4. ALL SUPPLY PIPING IS 1/2" UNLESS NOTED OTHERWISE.
5. CONNECT ALL APPLIANCES OR EQUIPMENT PER MANUFACTURERS INSTRUCTIONS.
6. ALL PLUMBING VENTS SHALL BE 10 FEET FROM OPENINGS OR INTAKE.
7. THERE SHALL BE NO PVC WITHIN RETURN AIR PLENUMS.
8. ALL FIXTURES WITH QUICK CLOSING VALVES SHALL HAVE FIXTURE OR BLADDER TYPE SHOCK SUPPRESSORS FOR EACH CHASE.
9. SEE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS.
10. REFER TO THE ARCHITECTURAL DRAWINGS FOR FLOOR DRAIN LOCATIONS AND FLOOR SLOPES IF PRESENT.
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. ALL WASTE AND ROOF DRAIN STACKS SHALL HAVE CLEANOUTS AT THE BASE.

LEGEND:
(1) 3"V. UP TO RISER FOR FUTURE CONNECTION.
(2) 6" UP TO DOWNSPOUT CONNECTION.
(3) DOWNSPOUT CONNECTION. 6" DOWN TO GARAGE.
(4) PENETRATE BEAM PER STRUCTURAL DETAIL.



KEY PLAN
NO SCALE NORTH

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Email: lsapa@lsapa.com
LSA PROJECT NO. 1904023

STATE OF MISSOURI
RICHARD R. BLANCHARD
PROFESSIONAL ENGINEER
10-30-20

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BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

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DATE: 09.12.19

REVISIONS

1	PERMIT COMMENTS	09.06.19
2	REVISION 1	12.20.19
3	REVISION 2	1.24.20
4	REVISION 3	04.03.20
5	REVISION 4	04.24.20
6	REVISION 6	10-30-20

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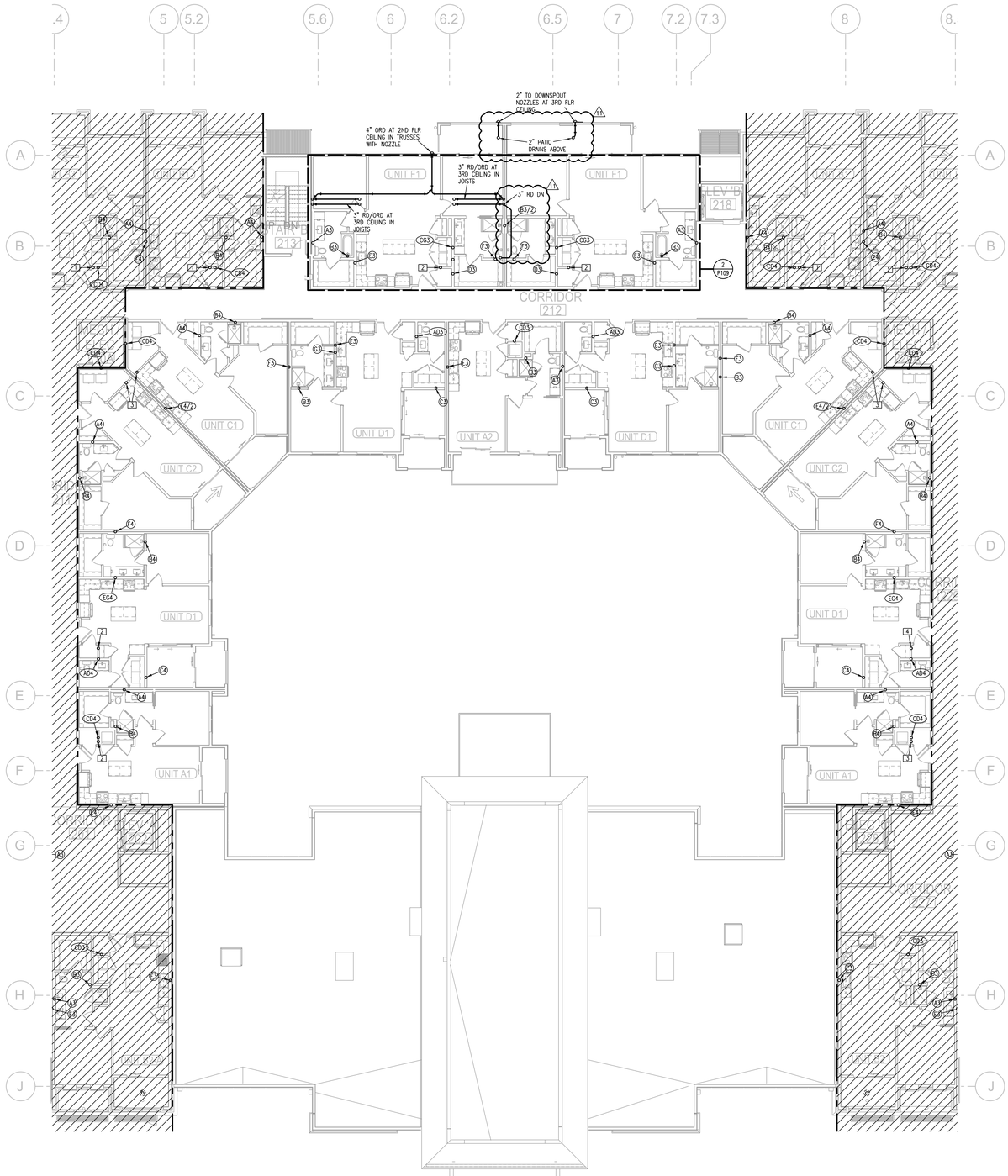
TR¡ PROJECT NO. 18-046

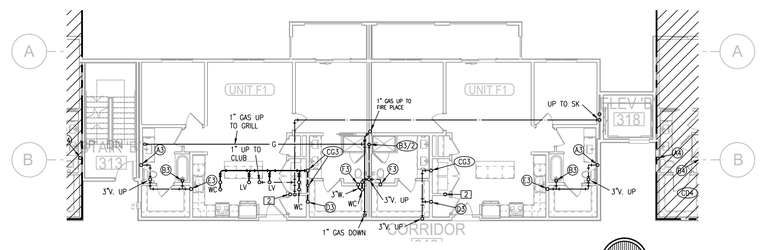
SHEET NO.

P106

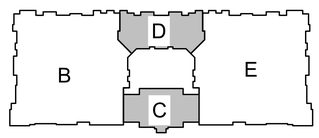
FIRST FLOOR PLAN - AREA C/D - PLUMBING



1 **SECOND FLOOR PLAN - AREA C/D**
3/32"=1'-0" (THIRD FLOOR SIMILAR) PLUMBING
NORTH



2 **PARTIAL THIRD FLOOR PLAN - AREA C/D**
3/32"=1'-0" PLUMBING
NORTH



KEY PLAN
NO SCALE
NORTH

NOTES:

1. ALL DRAIN, WASTE AND VENT PIPING IS 2" UNLESS NOTED OTHERWISE.
2. ALL BELOW SLAB SUPPLY PIPING SHALL BE PEX WITH NO JOINTS. DHW BELOW SLAB TO BE INSULATED TO R-3.
3. DHW PIPING 3/4" AND LARGER TO BE INSULATED TO R-3 MINIMUM
4. ALL SUPPLY PIPING IS 1/2" UNLESS NOTED OTHERWISE.
5. CONNECT ALL APPLIANCES OR EQUIPMENT PER MANUFACTURERS INSTRUCTIONS.
6. ALL PLUMBING VENTS SHALL BE 10 FEET FROM OPENINGS OR INTAKE.
7. THERE SHALL BE NO PVC WITHIN RETURN AIR PLENUMS.
8. ALL FIXTURES WITH QUICK CLOSING VALVES SHALL HAVE FIXTURE OR BLADDER TYPE SHOCK SUPPRESSORS FOR EACH CHASE.
9. SEE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS.
10. REFER TO THE ARCHITECTURAL DRAWINGS FOR FLOOR DRAIN LOCATIONS AND FLOOR SLOPES IF PRESENT.
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. ALL WASTE AND ROOF DRAIN STACKS SHALL HAVE CLEANOUTS AT THE BASE.

LEGEND:

(1) 3"V. UP TO RISER FOR FUTURE CONNECTION.
(2) 6" UP TO DOWNSPOUT CONNECTION.
(3) DOWNSPOUT CONNECTION. 6" DOWN TO GARAGE.
(4) PENETRATE BEAM PER STRUCTURAL DETAIL.

STATE OF MISSOURI
RICHARD R. BLANCHARD
PROFESSIONAL ENGINEER
10-30-20

TR¡ ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

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REVISIONS

6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
11	REVISION 6	10-30-20

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TR¡ PROJECT NO. 18-046

SHEET NO.

P109

SECOND FLOOR PLAN - AREA C/D - PLUMBING

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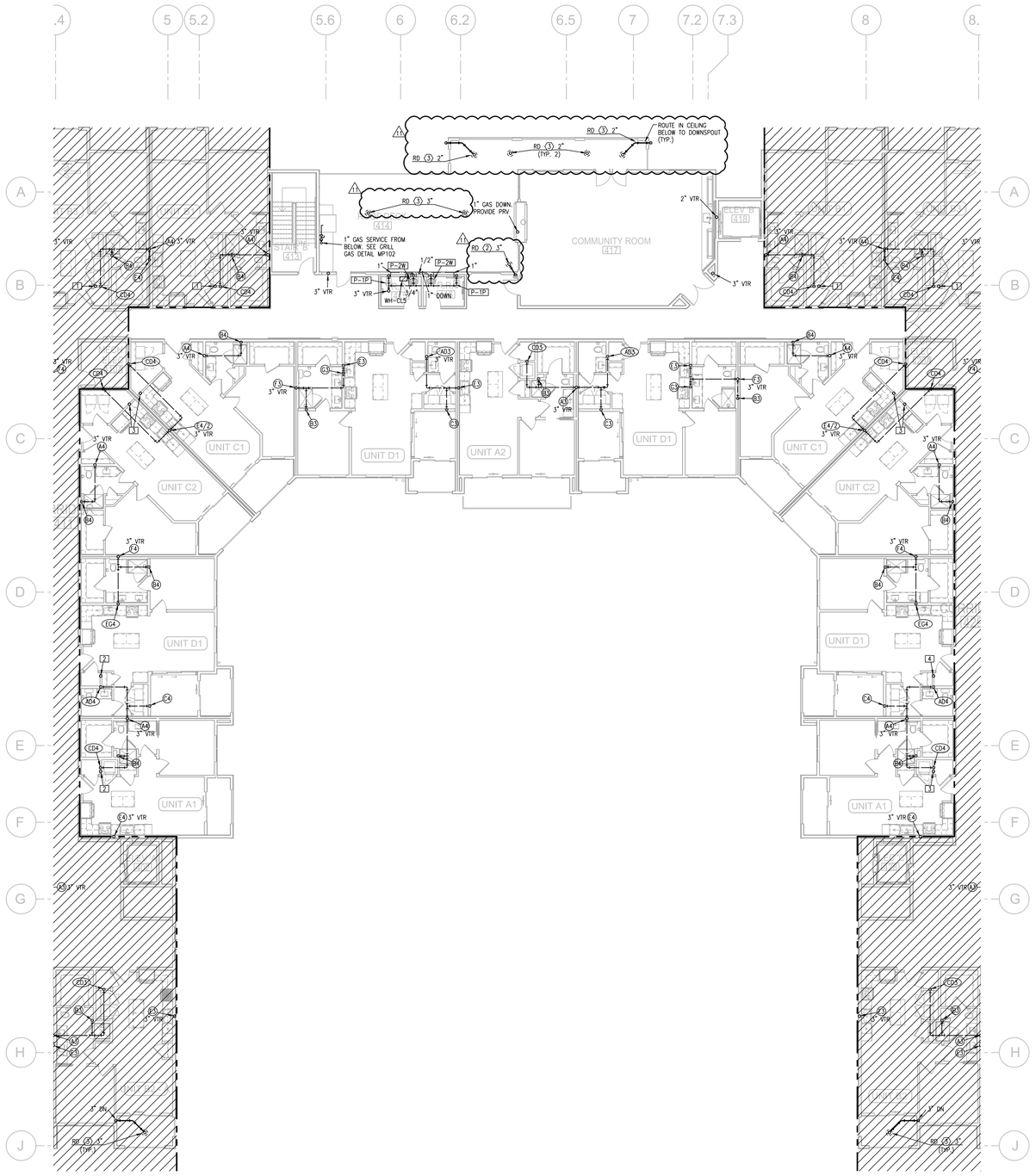
LSA PROJECT NO. 1904023



NOTES:

1. ALL DRAIN, WASTE AND VENT PIPING IS 2" UNLESS NOTED OTHERWISE.
2. ALL BELOW SLAB SUPPLY PIPING SHALL BE PEX WITH NO JOINTS. DHW BELOW SLAB TO BE INSULATED TO R-3.
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4. ALL SUPPLY PIPING IS 1/2" UNLESS NOTED OTHERWISE.
5. CONNECT ALL APPLIANCES OR EQUIPMENT PER MANUFACTURERS INSTRUCTIONS.
6. ALL PLUMBING VENTS SHALL BE 10 FEET FROM OPENINGS OR INTAKE.
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9. SEE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS.
10. REFER TO THE ARCHITECTURAL DRAWINGS FOR FLOOR DRAIN LOCATIONS AND FLOOR SLOPES IF PRESENT.
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. ALL WASTE AND ROOF DRAIN STACKS SHALL HAVE CLEANOUTS AT THE BASE.

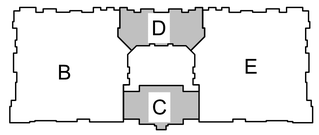
LEGEND:

1. 3"V. UP TO RISER FOR FUTURE CONNECTION.
2. 6" UP TO DOWNSPOUT CONNECTION.
3. DOWNSPOUT CONNECTION. 6" DOWN TO GARAGE.
4. PENETRATE BEAM PER STRUCTURAL DETAIL.

1 FOURTH FLOOR PLAN - AREA C/D

3/32"=1'-0" PLUMBING

NORTH



KEY PLAN
NO SCALE

NORTH

STATE OF MISSOURI
RICHARD R. BLANCHARD
PROFESSIONAL ENGINEER
10-30-20

TR¡ ARCHITECTS — ARCHITECT
BOB D CAMPBELL & COMPANY — STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING — CIVIL ENGINEER
BRINKMANN CONSTRUCTORS — GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES — MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES — PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES — ELECTRICAL ENGINEER

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REVISIONS

6	REVISION 1	12.20.19
2	REVISION 2	1.24.20
1	REVISION 6	10-30-20

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TR¡ PROJECT NO. 18-046

SHEET NO.

P112

FOURTH FLOOR PLAN - AREA C/D - PLUMBING

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Email: lsapa@lsapa.com

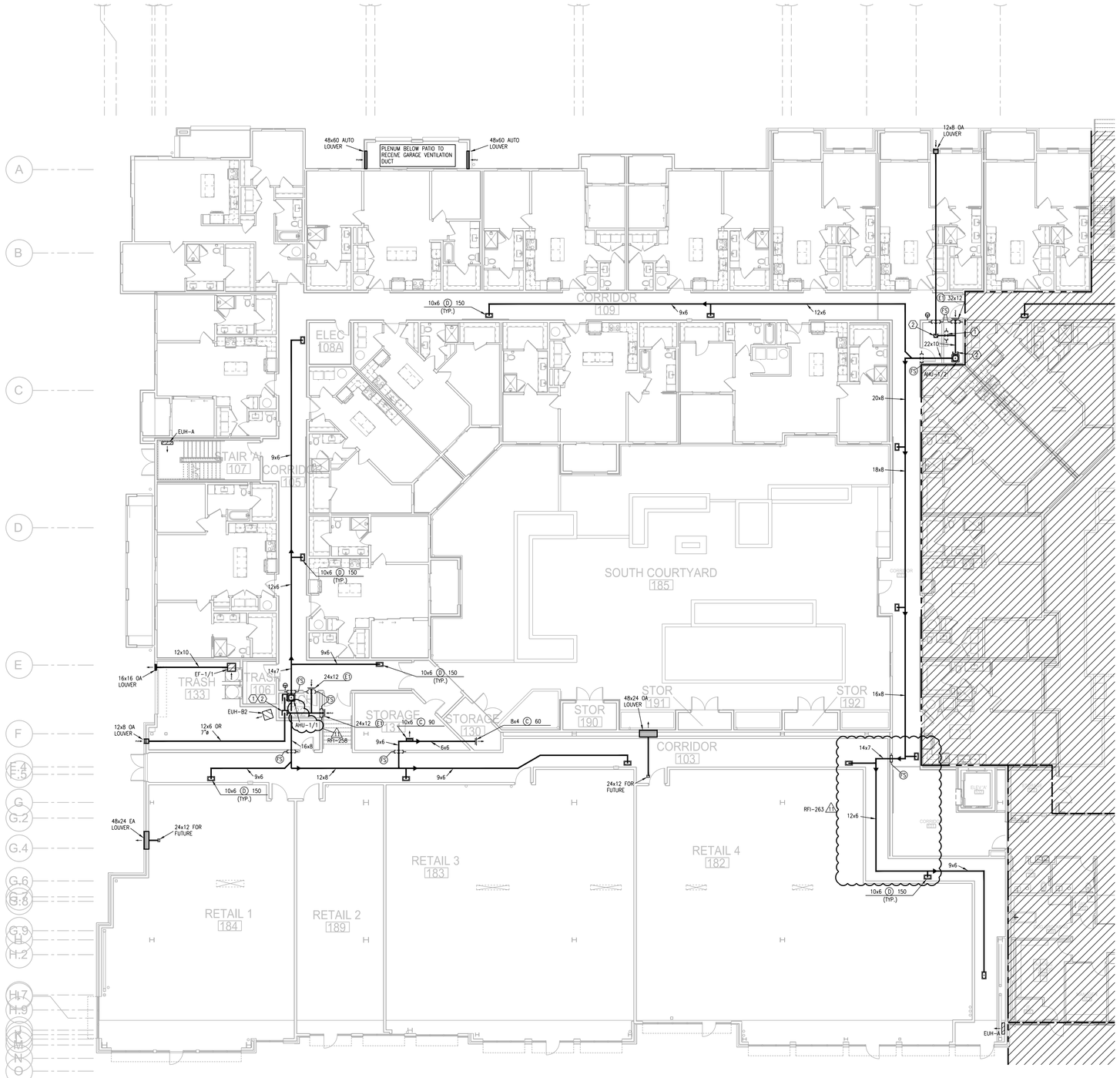
LSA PROJECT NO. 1904023

NOTES:

1. ALL INDIVIDUAL BRANCH DUCTS ARE THE SIZE OF THE DIFFUSER NECK LISTED AND HAVE A MANUAL BALANCING DAMPER WHERE NOT INTEGRAL WITH THE DIFFUSER.
2. SEE THE ARCHITECTURAL, LIGHTING AND STRUCTURAL DRAWINGS FOR CLEARANCES.
3. MAINTAIN 3 FEET CLEARANCE FROM EXHAUST DUCTS TO BUILDING OPENINGS AND 10 FEET TO AIR INTAKES.
4. ROUTE NO DUCTS OVER ELECTRICAL EQUIPMENT.
5. FLEXIBLE DUCT LENGTHS SHALL NOT EXCEED 8 FEET AND SHALL BE AS STRAIGHT AS POSSIBLE AND NOT KINKED AT DIFFUSER OR TAKE-OFF.

LEGEND:

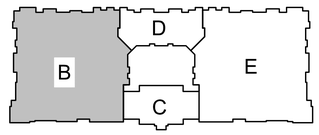
(1) OUTSIDE AIR CONTROL AND BALANCING DAMPER.
(2) DUCT WITH CRD AT RATED MEMBRANE.
(3) ROUTE COND. TO LAV TAILPIECE OR WASHER BOX.



1 FIRST FLOOR PLAN - AREA B - HVAC

3/32"=1'-0"

NORTH



KEY PLAN
NO SCALE

NORTH

STATE OF MISSOURI
RICHARD R. BLANCHARD
PROFESSIONAL ENGINEER
10-30-20

TR¡ ARCHITECTS	ARCHITECT
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RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

Pearl COMPANIES

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REVISIONS (6)

(1) REVISION 6	10-30-20

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TR¡ PROJECT NO. 18-046

SHEET NO.

M103

FIRST FLOOR PLAN - AREA B - HVAC

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Email: lsapa@lsapa.com

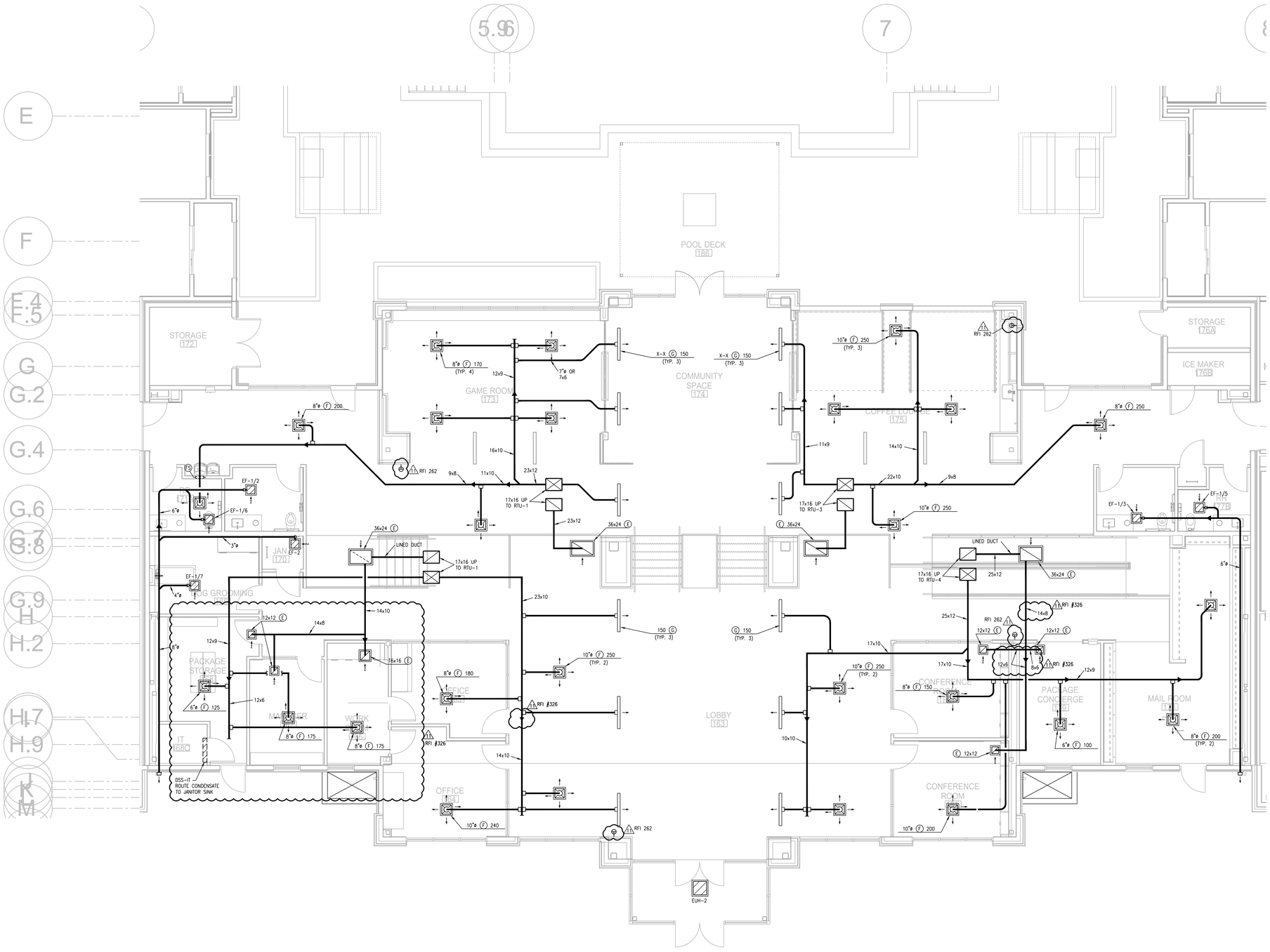
LSA PROJECT NO. 1904023

NOTES:

1. ALL INDIVIDUAL BRANCH DUCTS ARE THE SIZE OF THE DIFFUSER NECK LISTED AND HAVE A MANUAL BALANCING DAMPER WHERE NOT INTEGRAL WITH THE DIFFUSER.
2. SEE THE ARCHITECTURAL, LIGHTING AND STRUCTURAL DRAWINGS FOR CLEARANCES.
3. MAINTAIN 3 FEET CLEARANCE FROM EXHAUST DUCTS TO BUILDING OPENINGS AND 10 FEET TO AIR INTAKES.
4. ROUTE NO DUCTS OVER ELECTRICAL EQUIPMENT.
5. FLEXIBLE DUCT LENGTHS SHALL NOT EXCEED 8 FEET AND SHALL BE AS STRAIGHT AS POSSIBLE AND NOT KINKED AT DIFFUSER OR TAKE-OFF.

LEGEND:

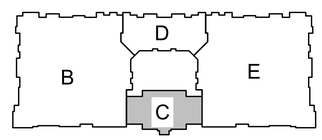
(1) OUTSIDE AIR CONTROL AND BALANCING DAMPER.
(2) DUCT WITH CRD AT RATED MEMBRANE.
(3) ROUTE COND. TO LAV TAILPIECE OR WASHER BOX.



1 PARTIAL FIRST FLOOR PLAN - AREA C

3/16"=1'-0" HVAC

NORTH



KEY PLAN
NO SCALE

NORTH

STATE OF MISSOURI
RICHARD R. BLANCHORD
NUMBER
PROFESSIONAL ENGINEER
10-30-20

TR;i ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

Pearl COMPANIES

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REVISIONS

2	REVISION 1	12.20.19
1	REVISION 6	10-30-20

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TR;i PROJECT NO. 18-046

SHEET NO.

M104a

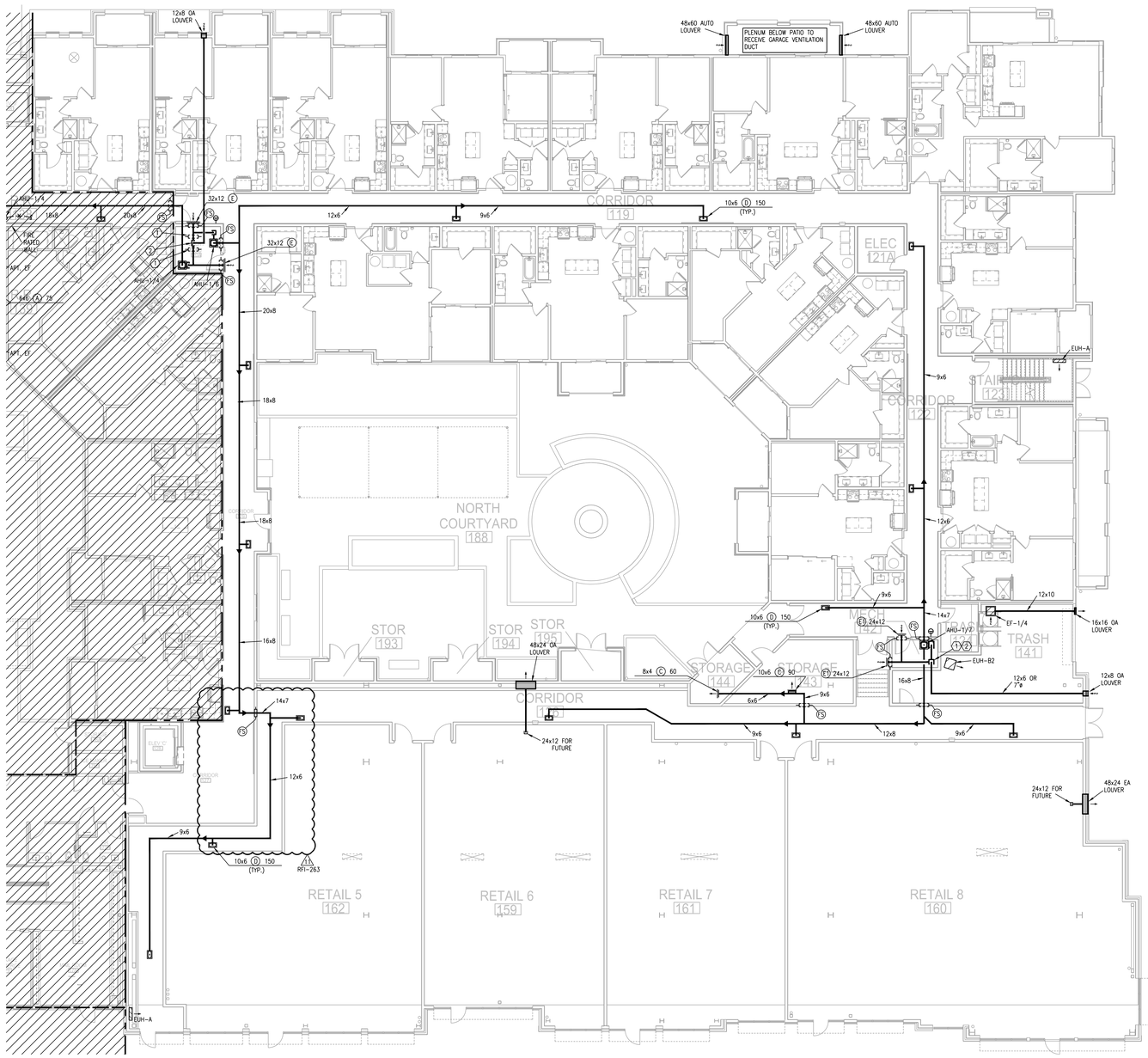
FIRST FLOOR PLAN - AREA C - HVAC

NOTES:

1. ALL INDIVIDUAL BRANCH DUCTS ARE THE SIZE OF THE DIFFUSER NECK LISTED AND HAVE A MANUAL BALANCING DAMPER WHERE NOT INTEGRAL WITH THE DIFFUSER.
2. SEE THE ARCHITECTURAL, LIGHTING AND STRUCTURAL DRAWINGS FOR CLEARANCES.
3. MAINTAIN 3 FEET CLEARANCE FROM EXHAUST DUCTS TO BUILDING OPENINGS AND 10 FEET TO AIR INTAKES.
4. ROUTE NO DUCTS OVER ELECTRICAL EQUIPMENT.
5. FLEXIBLE DUCT LENGTHS SHALL NOT EXCEED 8 FEET AND SHALL BE AS STRAIGHT AS POSSIBLE AND NOT KINKED AT DIFFUSER OR TAKE-OFF.

LEGEND:

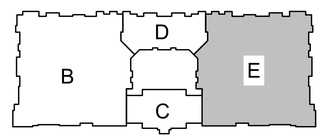
(1) OUTSIDE AIR CONTROL AND BALANCING DAMPER.
(2) DUCT WITH CRD AT RATED MEMBRANE.
(3) ROUTE COND. TO LAV TAILPIECE OR WASHER BOX.



1 FIRST FLOOR PLAN - AREA E

3/32"=1'-0" HVAC

NORTH



KEY PLAN
NO SCALE

NORTH

LS&A Latimer Sommers & Associates, P.A.
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LSA PROJECT NO. 1904023

STATE OF MISSOURI
RICHARD R. BLANCHORD
PROFESSIONAL ENGINEER
10-30-20

TR¡ ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

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REVISIONS

1 REVISION 6	10-30-20

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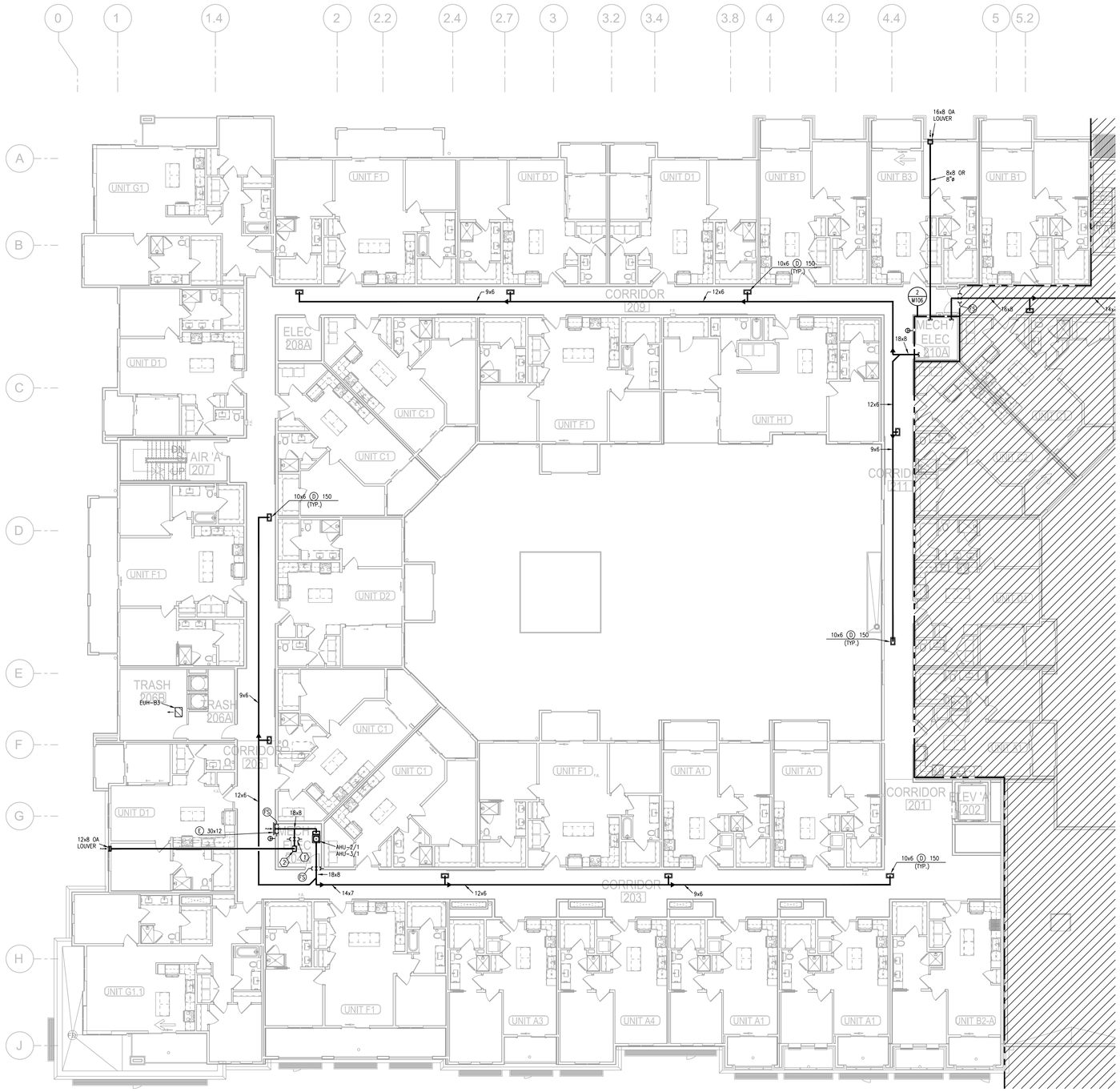
TR¡ PROJECT NO. 18-046

SHEET NO.

M105

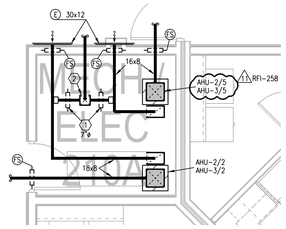
FIRST FLOOR PLAN - AREA E - HVAC



1 SECOND FLOOR PLAN - AREA B

3/32"=1'-0" (THIRD FLOOR SIMILAR) HVAC

NORTH



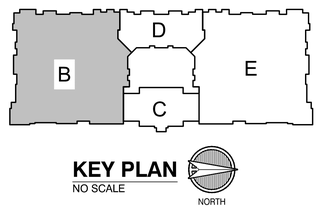
2 PARTIAL SECOND FLOOR PLAN

1/4"=1'-0" (THIRD FLOOR SIMILAR) HVAC

NORTH

NOTES:
1. ALL INDIVIDUAL BRANCH DUCTS ARE THE SIZE OF THE DIFFUSER NECK LISTED AND HAVE A MANUAL BALANCING DAMPER WHERE NOT INTEGRAL WITH THE DIFFUSER.
2. SEE THE ARCHITECTURAL, LIGHTING AND STRUCTURAL DRAWINGS FOR CLEARANCES.
3. MAINTAIN 3 FEET CLEARANCE FROM EXHAUST DUCTS TO BUILDING OPENINGS AND 10 FEET TO AIR INTAKES.
4. ROUTE NO DUCTS OVER ELECTRICAL EQUIPMENT.
5. FLEXIBLE DUCT LENGTHS SHALL NOT EXCEED 8 FEET AND SHALL BE AS STRAIGHT AS POSSIBLE AND NOT KINKED AT DIFFUSER OR TAKE-OFF.

LEGEND:
(1) OUTSIDE AIR CONTROL AND BALANCING DAMPER.
(2) DUCT WITH CRD AT RATED MEMBRANE.
(3) ROUTE COND. TO LAV TAILPIECE OR WASHER BOX.



KEY PLAN

NO SCALE

NORTH

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LSA PROJECT NO. 1904023

STATE OF MISSOURI
RICHARD R. BLANCHORD
NUMBER
PROFESSIONAL ENGINEER
10-30-20

TR;i ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

Pearl COMPANIES

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REVISIONS (2)

(1) REVISION 6 10-30-20

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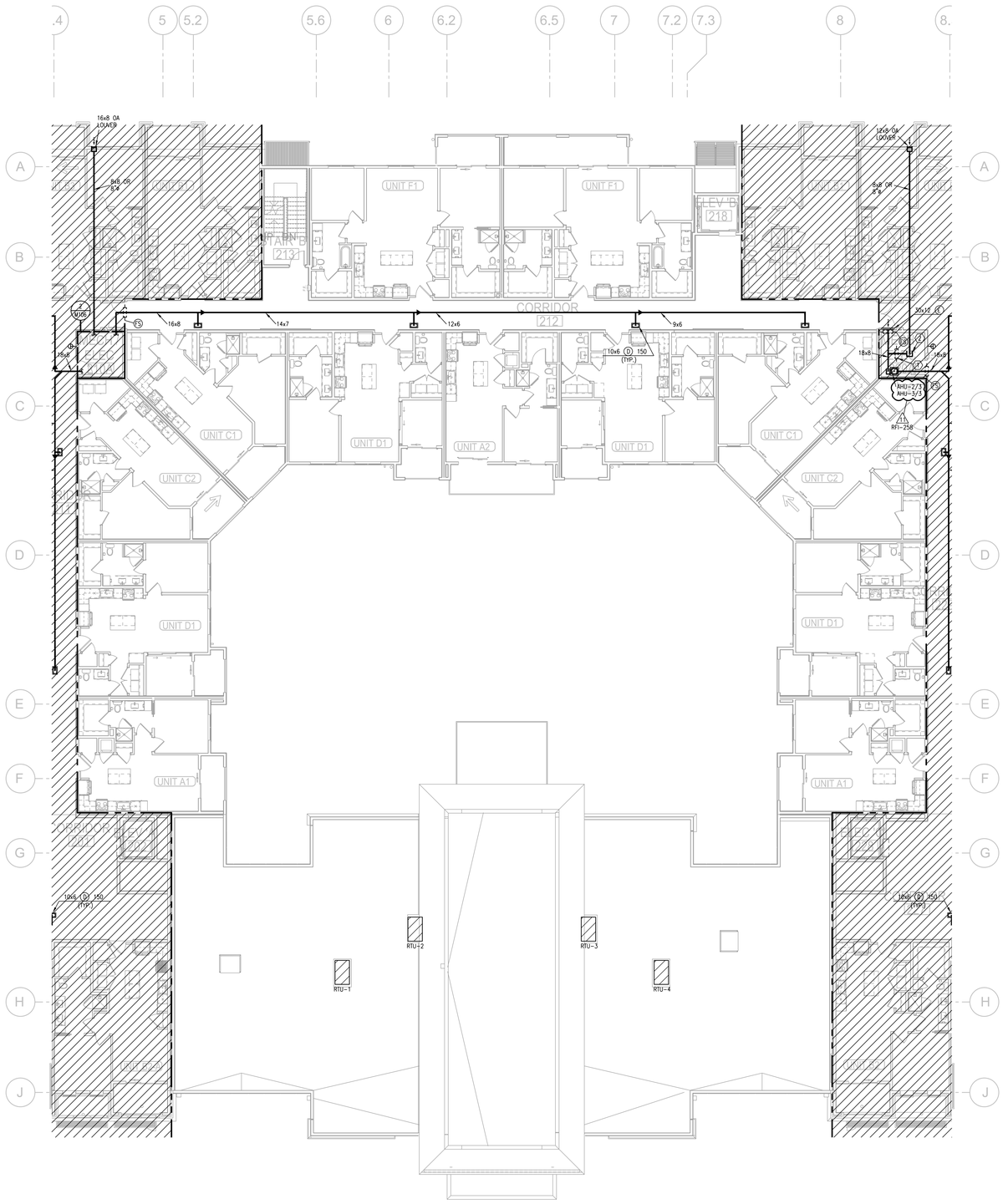
TR;i PROJECT NO. 18-046

SHEET NO.

M106

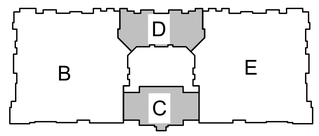
SECOND FLOOR PLAN - AREA B - HVAC



1 **SECOND FLOOR PLAN - AREA C/D**
3/32"=1'-0" (THIRD FLOOR SIMILAR) HVAC
NORTH

NOTES:
1. ALL INDIVIDUAL BRANCH DUCTS ARE THE SIZE OF THE DIFFUSER NECK LISTED AND HAVE A MANUAL BALANCING DAMPER WHERE NOT INTEGRAL WITH THE DIFFUSER.
2. SEE THE ARCHITECTURAL, LIGHTING AND STRUCTURAL DRAWINGS FOR CLEARANCES.
3. MAINTAIN 3 FEET CLEARANCE FROM EXHAUST DUCTS TO BUILDING OPENINGS AND 10 FEET TO AIR INTAKES.
4. ROUTE NO DUCTS OVER ELECTRICAL EQUIPMENT.
5. FLEXIBLE DUCT LENGTHS SHALL NOT EXCEED 8 FEET AND SHALL BE AS STRAIGHT AS POSSIBLE AND NOT KINKED AT DIFFUSER OR TAKE-OFF.

LEGEND:
(1) OUTSIDE AIR CONTROL AND BALANCING DAMPER.
(2) DUCT WITH CRD AT RATED MEMBRANE.
(3) ROUTE COND. TO LAV TAILPIECE OR WASHER BOX.



KEY PLAN
NO SCALE
NORTH

STATE OF MISSOURI
RICHARD R. BLANCHORD
NUMBER
PROFESSIONAL ENGINEER
10-30-20

ARCHITECT
TR¡ ARCHITECTS

STRUCTURAL ENGINEER
BOB D CAMPBELL & COMPANY

CIVIL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING

GENERAL CONTRACTOR
BRINKMANN CONSTRUCTORS

MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES

PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES

ELECTRICAL ENGINEER
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REVISIONS 2

1 REVISION 6	10-30-20

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TR¡ PROJECT NO. 18-046

SHEET NO.
M107

SECOND FLOOR PLAN - AREA C/D - HVAC

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Email: lsapa@lsapa.com

LSA PROJECT NO. 1904023

NOTES:
1. ALL INDIVIDUAL BRANCH DUCTS ARE THE SIZE OF THE DIFFUSER NECK LISTED AND HAVE A MANUAL BALANCING DAMPER WHERE NOT INTEGRAL WITH THE DIFFUSER.
2. SEE THE ARCHITECTURAL, LIGHTING AND STRUCTURAL DRAWINGS FOR CLEARANCES.
3. MAINTAIN 3 FEET CLEARANCE FROM EXHAUST DUCTS TO BUILDING OPENINGS AND 10 FEET TO AIR INTAKES.
4. ROUTE NO DUCTS OVER ELECTRICAL EQUIPMENT.
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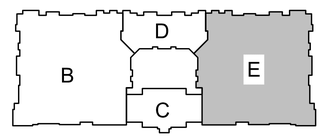
LEGEND:
(1) OUTSIDE AIR CONTROL AND BALANCING DAMPER.
(2) DUCT WITH CRD AT RATED MEMBRANE.
(3) ROUTE COND. TO LAV TAILPIECE OR WASHER BOX.

1 **SECOND FLOOR PLAN - AREA E**
3/32"=1'-0" (THIRD FLOOR SIMILAR) HVAC

NORTH



KEY PLAN
NO SCALE

NORTH

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STATE OF MISSOURI
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PROFESSIONAL ENGINEER
10-30-20

ARCHITECT	TR¡ ARCHITECTS
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CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

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REVISIONS (A)

(1) REVISION 6 10-30-20

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

M108

SECOND FLOOR PLAN - AREA E - HVAC

NOTES:

1. ALL INDIVIDUAL BRANCH DUCTS ARE THE SIZE OF THE DIFFUSER NECK LISTED AND HAVE A MANUAL BALANCING DAMPER WHERE NOT INTEGRAL WITH THE DIFFUSER.
2. SEE THE ARCHITECTURAL, LIGHTING AND STRUCTURAL DRAWINGS FOR CLEARANCES.
3. MAINTAIN 3 FEET CLEARANCE FROM EXHAUST DUCTS TO BUILDING OPENINGS AND 10 FEET TO AIR INTAKES.
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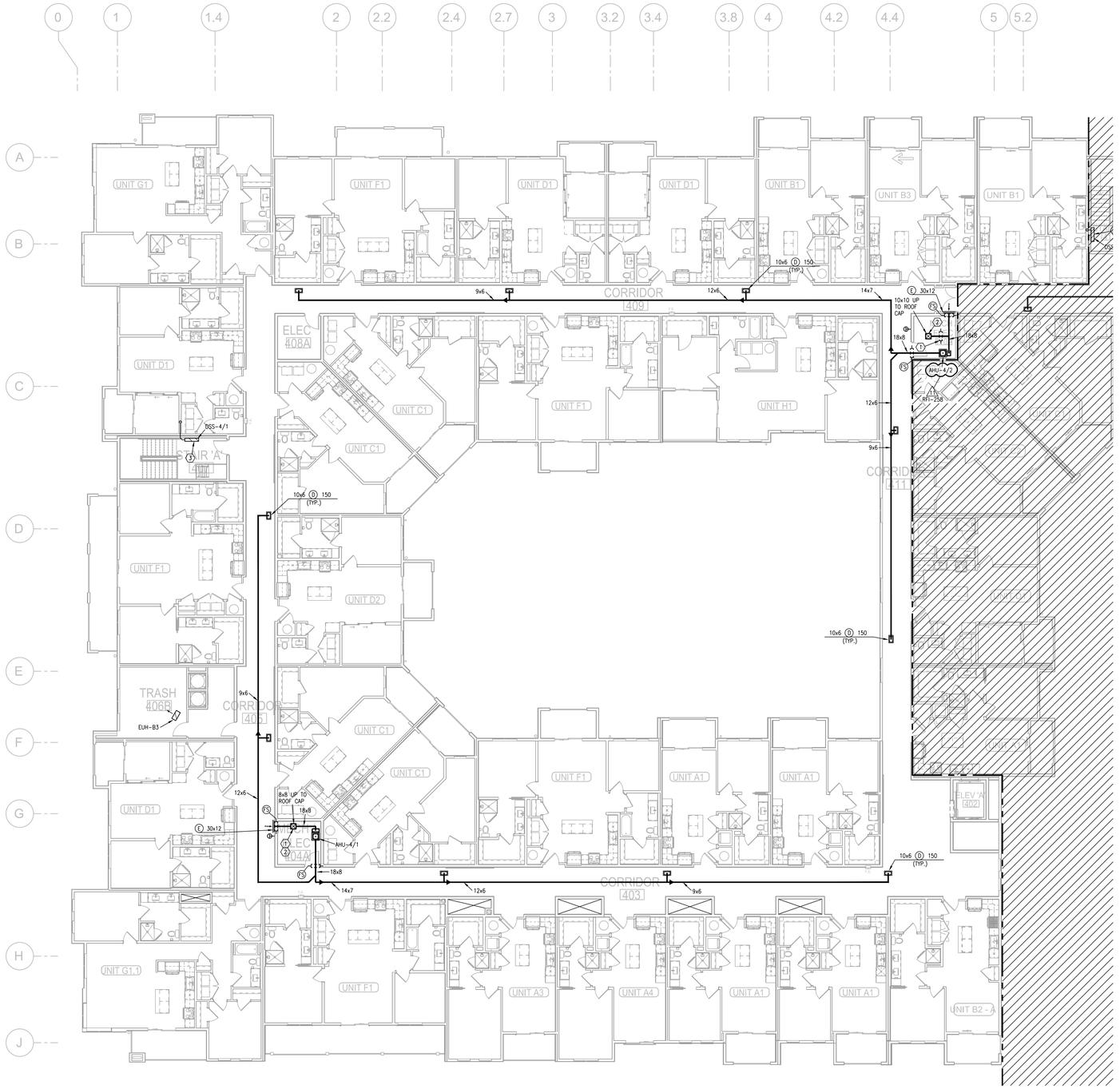
5. FLEXIBLE DUCT LENGTHS SHALL NOT EXCEED 8 FEET AND SHALL BE AS STRAIGHT AS POSSIBLE AND NOT KINKED AT DIFFUSER OR TAKE-OFF.

LEGEND:

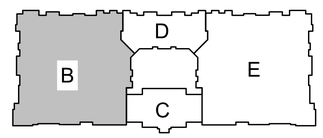
(1) OUTSIDE AIR CONTROL AND BALANCING DAMPER.
(2) DUCT WITH CRD AT RATED MEMBRANE.
(3) ROUTE COND. TO LAV TAILPIECE OR WASHER BOX.



1 FOURTH FLOOR PLAN - AREA B

3/32"=1'-0" HVAC

NORTH



KEY PLAN
NO SCALE

NORTH

STATE OF MISSOURI
RICHARD R. BLANCHARD
NUMBER
PROFESSIONAL ENGINEER
10-30-20

TR¡ ARCHITECTS — ARCHITECT
BOB D CAMPBELL & COMPANY — STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING — CIVIL ENGINEER
BRINKMANN CONSTRUCTORS — GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES — MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES — PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES — ELECTRICAL ENGINEER

Pearl COMPANIES

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REVISIONS (A)

11	REVISION 6	10-30-20

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TR¡ PROJECT NO. 18-046

SHEET NO.

M109

FOURTH FLOOR PLAN - AREA B - HVAC

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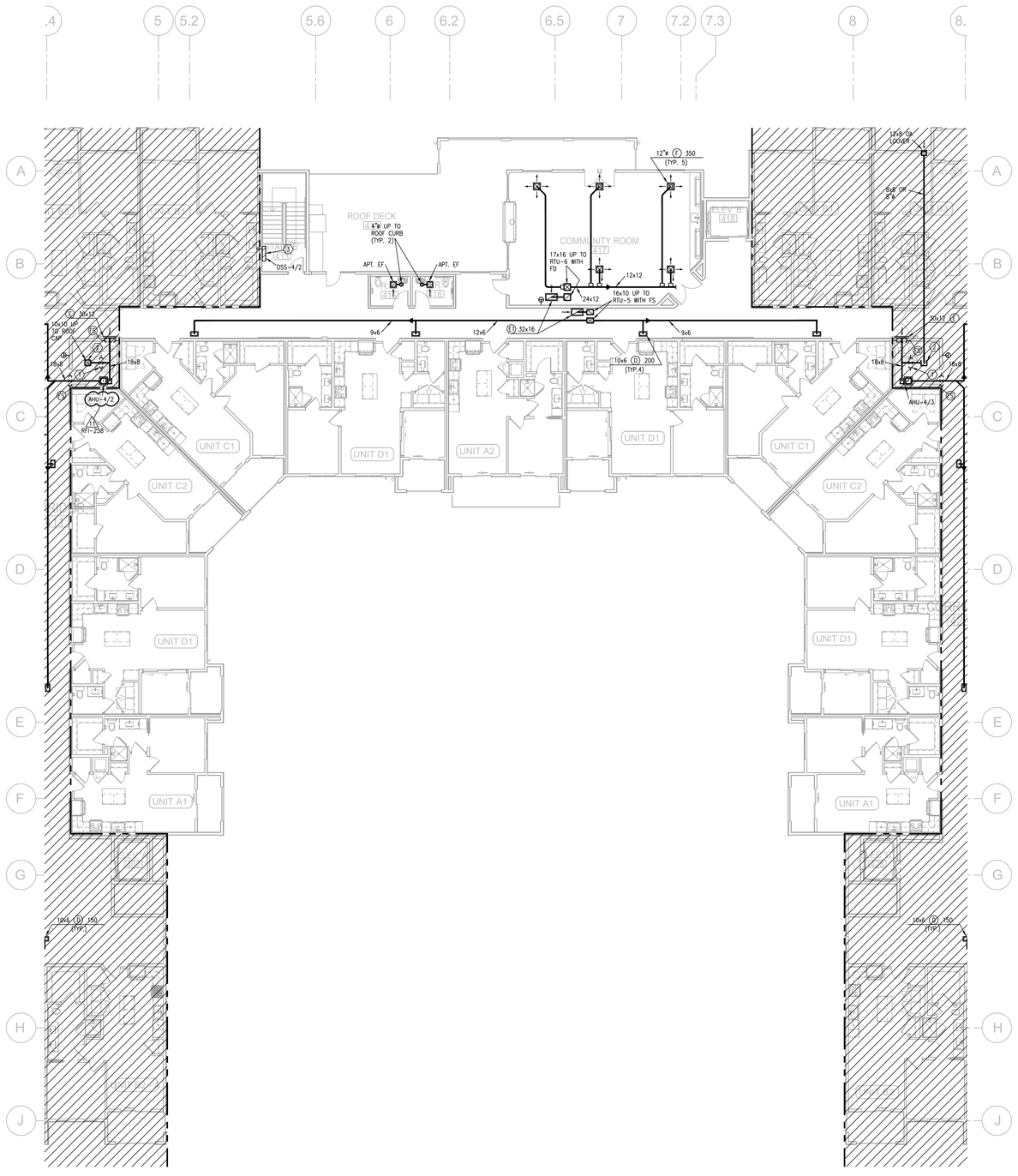
LSA PROJECT NO. 1904023



1 **FOURTH FLOOR PLAN - AREA C/D**
3/32"=1'-0" HVAC

NORTH

NOTES:
1. ALL INDIVIDUAL BRANCH DUCTS ARE THE SIZE OF THE DIFFUSER NECK LISTED AND HAVE A MANUAL BALANCING DAMPER WHERE NOT INTEGRAL WITH THE DIFFUSER.
2. SEE THE ARCHITECTURAL, LIGHTING AND STRUCTURAL DRAWINGS FOR CLEARANCES.
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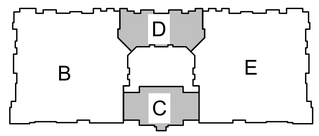
LEGEND:
(1) OUTSIDE AIR CONTROL AND BALANCING DAMPER.
(2) DUCT WITH CRD AT RATED MEMBRANE.
(3) ROUTE COND. TO LAV TAILPIECE OR WASHER BOX.



KEY PLAN
NO SCALE

NORTH

STATE OF MISSOURI
RICHARD R. BLANCHARD
NUMBER
PROFESSIONAL ENGINEER
10-30-20

TR¡ ARCHITECTS — ARCHITECT
BOB D CAMPBELL & COMPANY — STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING — CIVIL ENGINEER
BRINKMANN CONSTRUCTORS — GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES — MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES — PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES — ELECTRICAL ENGINEER

Pearl COMPANIES

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REVISIONS

6	REVISION 1	12.20.19
1	REVISION 6	10-30-20

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TR¡ PROJECT NO. 18-046

SHEET NO.

M110

FOURTH FLOOR PLAN - AREA C/D - HVAC

NOTES:
1. ALL INDIVIDUAL BRANCH DUCTS ARE THE SIZE OF THE DIFFUSER NECK LISTED AND HAVE A MANUAL BALANCING DAMPER WHERE NOT INTEGRAL WITH THE DIFFUSER.
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(2) DUCT WITH CRD AT RATED MEMBRANE.
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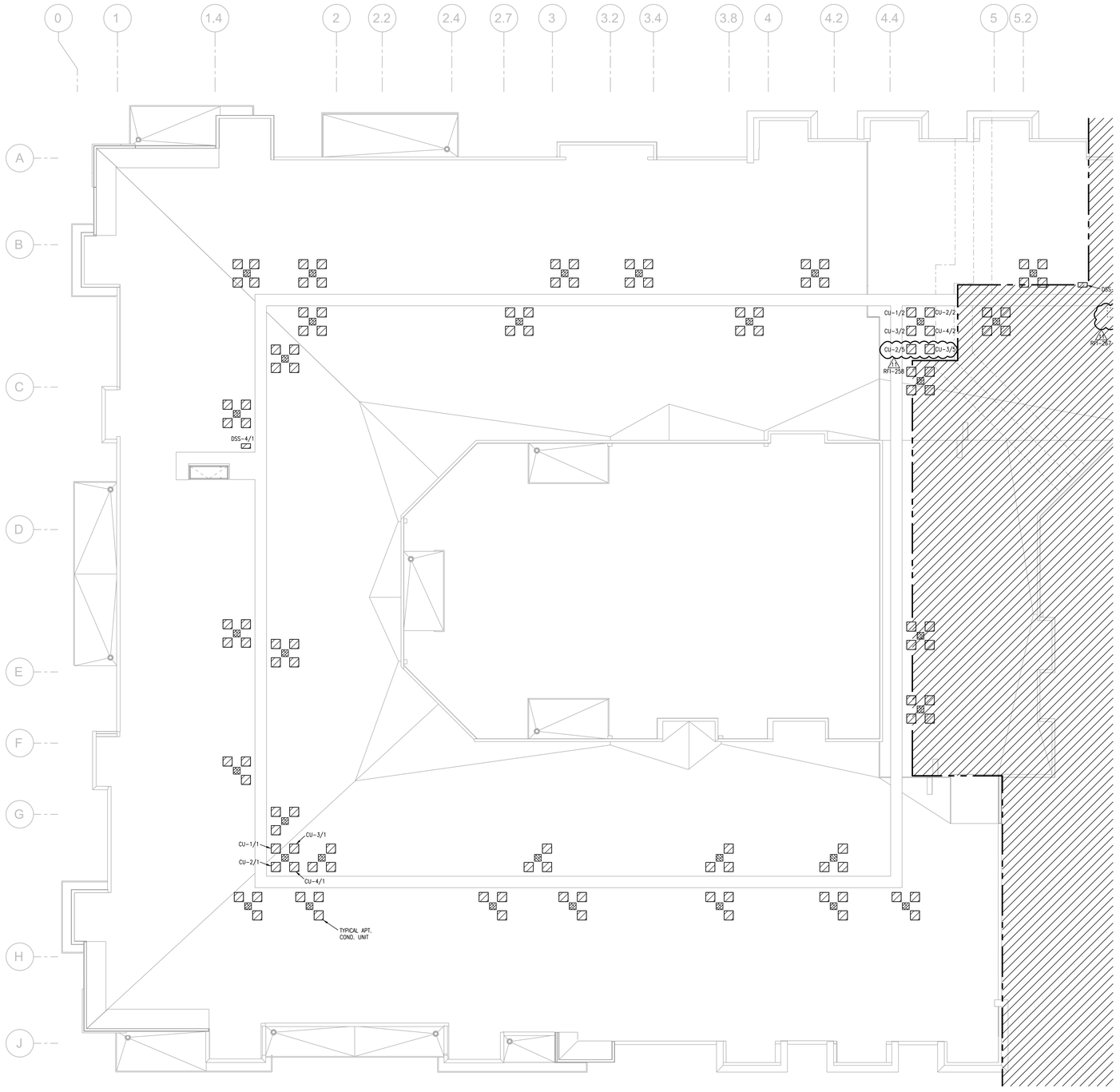
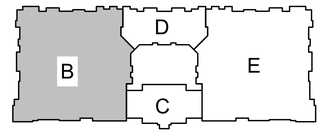


1 **ROOF PLAN - AREA B**
3/32" = 1'-0" HVAC
NORTH



KEY PLAN
NO SCALE
NORTH

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LSA PROJECT NO. 1904023

STATE OF MISSOURI
RICHARD R. BLANCHARD
NUMBER
PROFESSIONAL ENGINEER
10-30-20

TR¡ ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

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REVISIONS (6)

(1) REVISION 6 10-30-20

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TR¡ PROJECT NO. 18-046

SHEET NO.

M112

ROOF PLAN - AREA B - HVAC

NOTES:
1. ALL INDIVIDUAL BRANCH DUCTS ARE THE SIZE OF THE DIFFUSER NECK LISTED AND HAVE A MANUAL BALANCING DAMPER WHERE NOT INTEGRAL WITH THE DIFFUSER.
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LEGEND:
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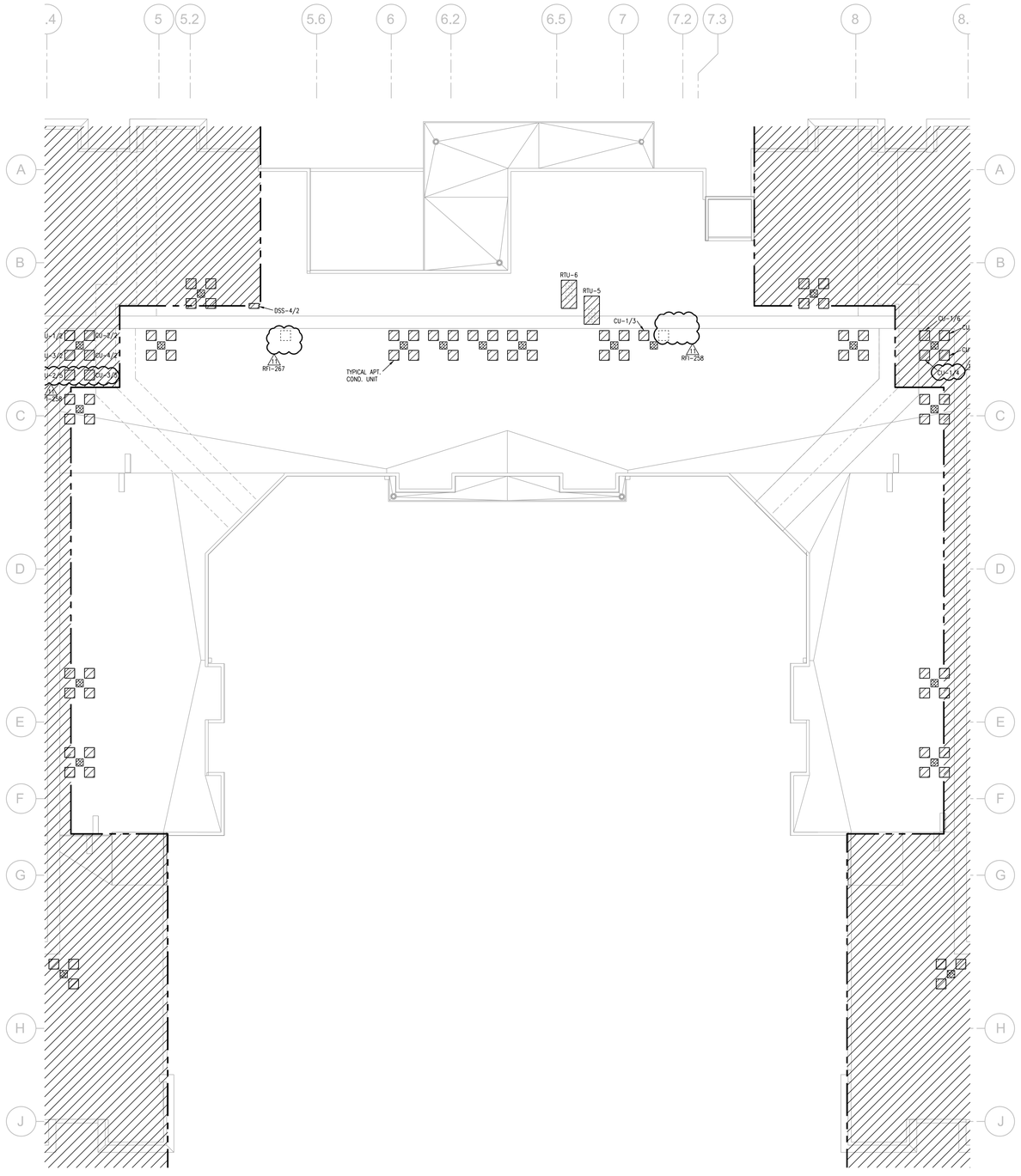
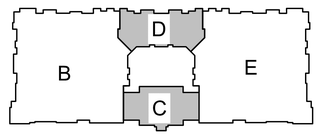
(2) DUCT WITH CRD AT RATED MEMBRANE.
(3) ROUTE COND. TO LAV TAILPIECE OR WASHER BOX.



1 **ROOF PLAN - AREA C/D**
3/32" = 1'-0" HVAC

NORTH



KEY PLAN
NO SCALE

NORTH

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LSA PROJECT NO. 1904023

STATE OF MISSOURI
RICHARD R. BLANCHORD
NUMBER
PROFESSIONAL ENGINEER
10-30-20

ARCHITECT	TR¡ ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Pearl COMPANIES

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REVISIONS

6 REVISION 6	10-30-20

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

M113

ROOF PLAN - AREA C/D - HVAC

NOTES:
1. ALL INDIVIDUAL BRANCH DUCTS ARE THE SIZE OF THE DIFFUSER NECK LISTED AND HAVE A MANUAL BALANCING DAMPER WHERE NOT INTEGRAL WITH THE DIFFUSER.
2. SEE THE ARCHITECTURAL, LIGHTING AND STRUCTURAL DRAWINGS FOR CLEARANCES.
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LEGEND:
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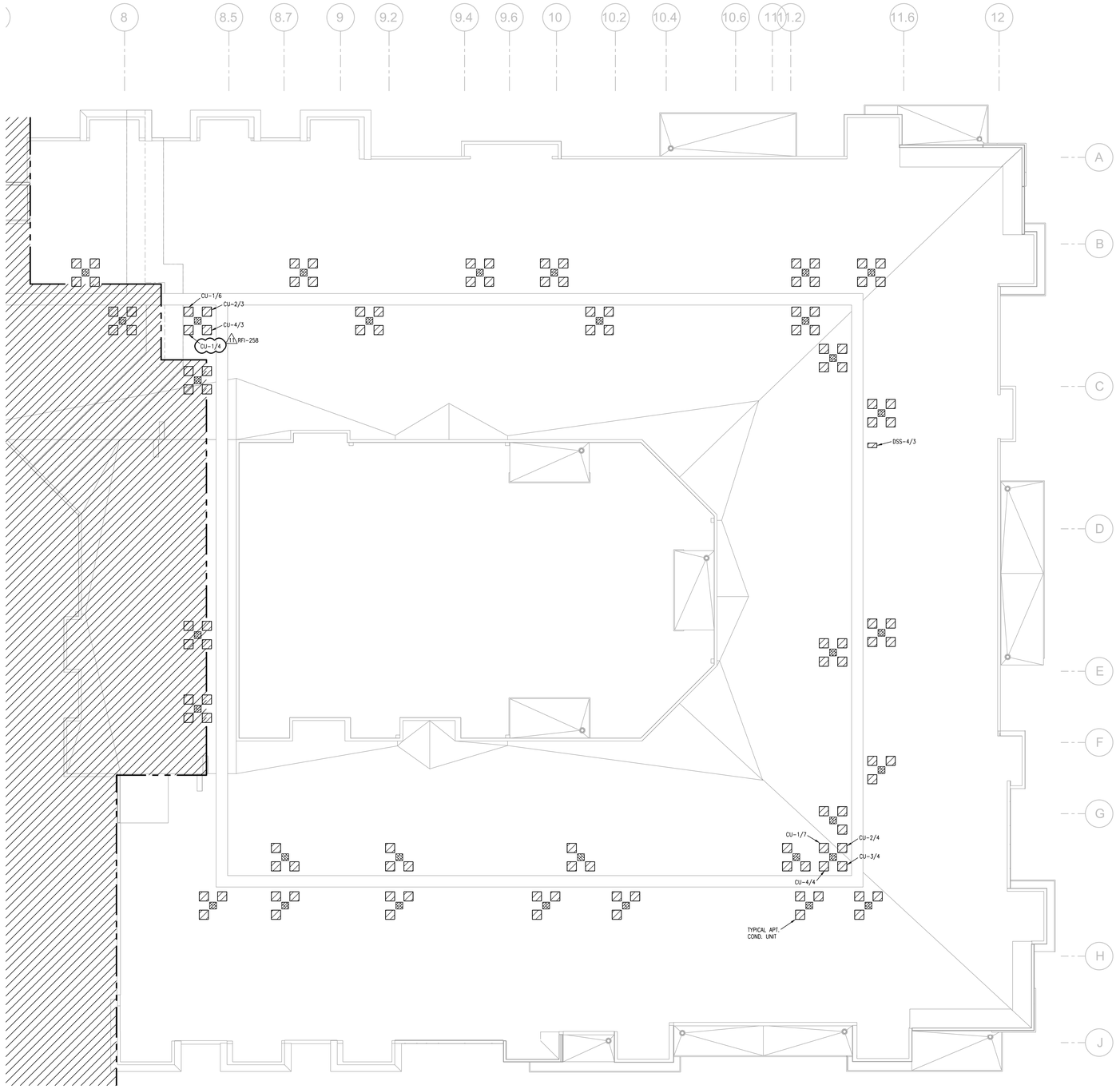
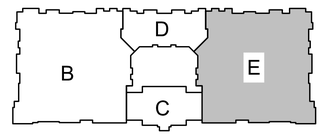
(2) DUCT WITH CRD AT RATED MEMBRANE.
(3) ROUTE COND. TO LAV TAILPIECE OR WASHER BOX.



1 **ROOF PLAN - AREA E**
3/32"=1'-0" HVAC
NORTH



KEY PLAN
NO SCALE
NORTH

STATE OF MISSOURI
RICHARD R. BLANCHARD
NUMBER
PROFESSIONAL ENGINEER
10-30-20

TR¡ ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

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REVISIONS 6

1 REVISION 6	10-30-20

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

M114

ROOF PLAN - AREA E - HVAC

LS&A Latimer Sommers & Associates, P.A.
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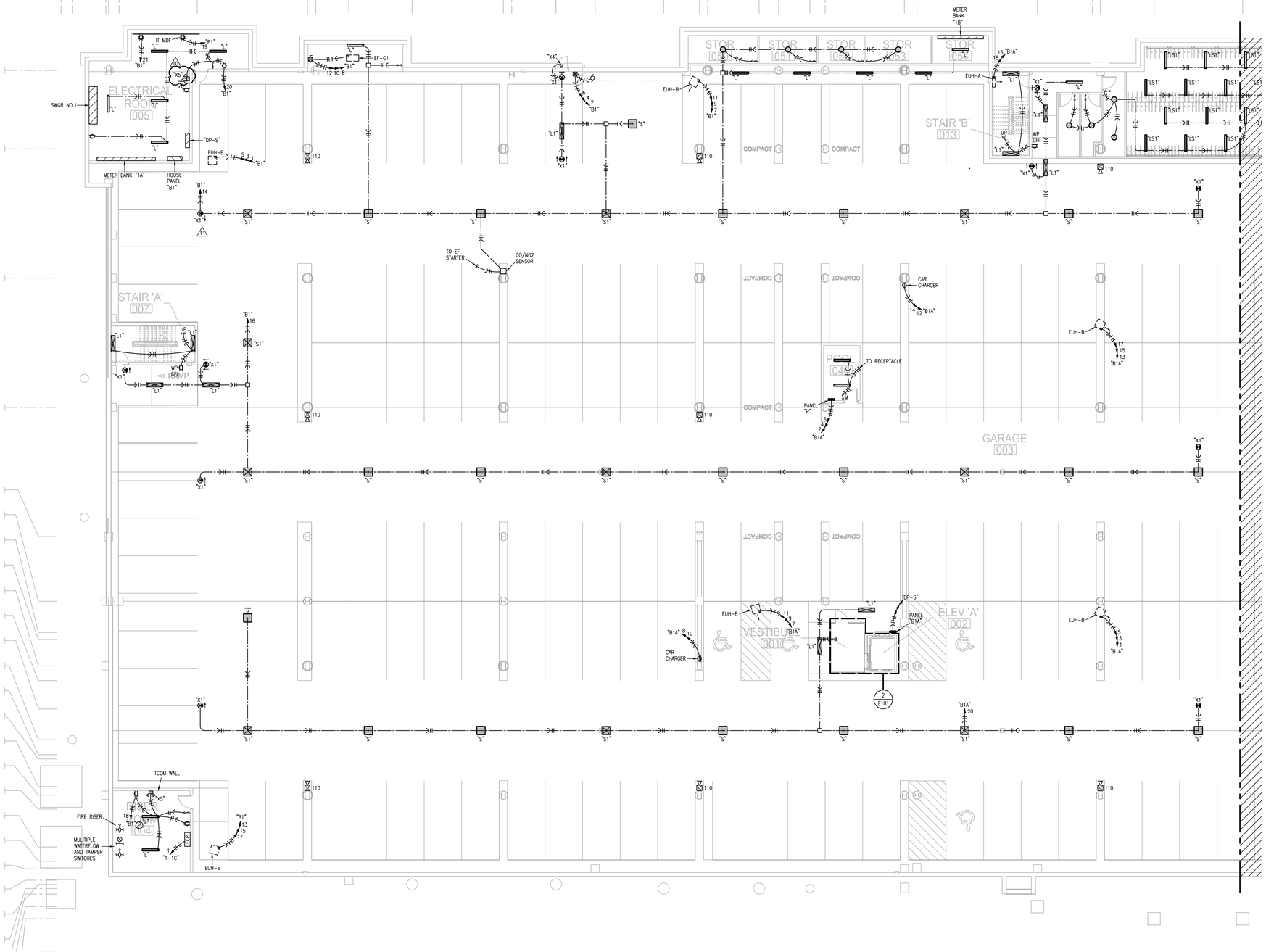
Telephone: (785) 233-3232
FAX: (785) 233-0647
Email: lsapa@lsapa.com

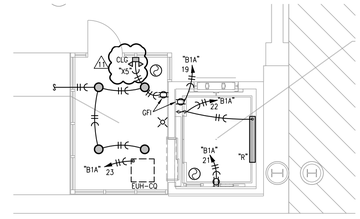
LSA PROJECT NO. 1904023

NOTES:
1. ALL ⊙ ARE TYPE "A" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
4. ALL ⊗ ARE TYPE "X2" UNLESS NOTED OTHERWISE.
5. ALL ⊗ ARE TYPE "X5" UNLESS NOTED OTHERWISE.
6. CONNECT FIRE/SMOKE DAMPERS SHOWN ON MECHANICAL PLANS TO 120V. AND FIRE ALARM RELAY TO SHUT UPON SMOKE DETECTION IN CORRIDORS.
7. SEE UNIT PLANS FOR FURTHER WORK.
8. LIGHTS AT APT. ENTRY DOORS CONNECT TO APT. HOT CIRCUIT.
9. ALL AHU'S HAVE AUTO DAMPER/THERMOSTAT SYSTEM TO WIRE. SEE HVAC PLANS.
10. EXIT SIGNS SHALL BE READILY VISIBLE TO OCCUPANTS.
11. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
12. "DP-1" DENOTES DISTRIBUTION PANEL.

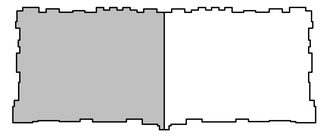
LEGEND:
(1) TO LIGHTING CONTROL PANEL.



1 PARTIAL GARAGE PLAN
3/32"=1'-0" ELECTRICAL NORTH



2 PARTIAL GARAGE PLAN TYP. ELEVATOR PIT/LOBBY
3/16"=1'-0" ELECTRICAL NORTH



KEY PLAN
NO SCALE NORTH

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LSA PROJECT NO. 1904023

STATE OF MISSOURI
RICHARD R. BLANCHARD
NUMBER PE-2010019844
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10-30-20

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BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

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DATE:	09.12.19
REVISIONS	
1 PERMIT COMMENTS	09.06.19
2 REVISION 1	12.20.19
3 REVISION 2	1.24.20
4 REVISION 3	04.03.20
5 REVISION 5	07.02.20
6 REVISION 6	10-30-20
DWG BY	RRB
TR¡ PROJECT NO.	18-046

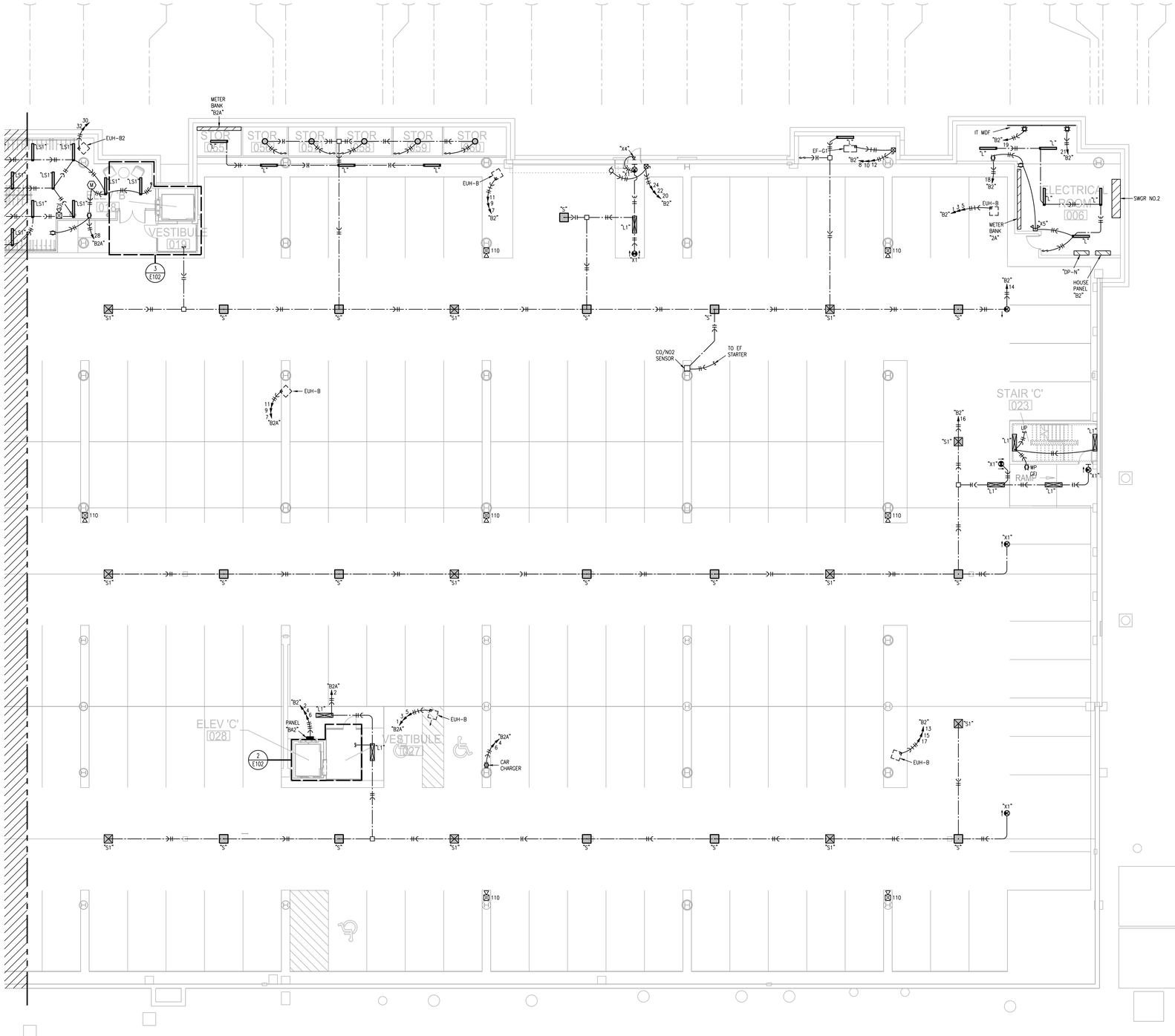
SHEET NO.

E101

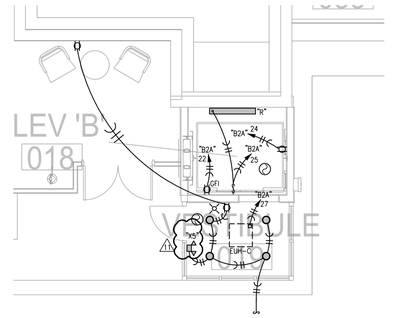
PARTIAL GARAGE PLAN - ELECTRICAL

NOTES:
1. ALL ⊙ ARE TYPE "A" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
4. ALL ⊗ ARE TYPE "X2" UNLESS NOTED OTHERWISE.
5. ALL ⊗ ARE TYPE "X5" UNLESS NOTED OTHERWISE.
6. CONNECT FIRE/SMOKE DAMPERS SHOWN ON MECHANICAL PLANS TO 120V. AND FIRE ALARM RELAY TO SHUT UPON SMOKE DETECTION IN CORRIDORS.
7. SEE UNIT PLANS FOR FURTHER WORK.
8. LIGHTS AT APT. ENTRY DOORS CONNECT TO APT. HOT CIRCUIT.
9. ALL AHU'S HAVE AUTO DAMPER/THERMOSTAT SYSTEM TO WIRE. SEE HVAC PLANS.
10. EXIT SIGNS SHALL BE READILY VISIBLE TO OCCUPANTS.
11. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
12. "DP-1" DENOTES DISTRIBUTION PANEL.

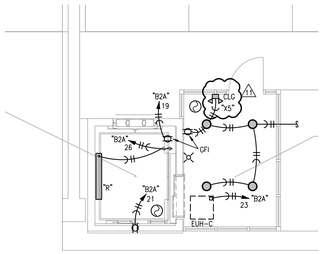
LEGEND:
(1) TO LIGHTING CONTROL PANEL.



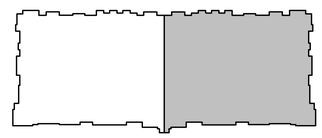
PARTIAL GARAGE PLAN
TYP. ELEVATOR PIT/LOBBY
1 3/32"=1'-0" ELECTRICAL NORTH



PARTIAL GARAGE PLAN
TYP. ELEVATOR PIT/LOBBY
3 3/16"=1'-0" ELECTRICAL NORTH



PARTIAL GARAGE PLAN
TYP. ELEVATOR PIT/LOBBY
2 3/16"=1'-0" ELECTRICAL NORTH



KEY PLAN
NO SCALE NORTH

STATE OF MISSOURI
RICHARD R. BLANCHFORD
NUMBER
PROFESSIONAL ENGINEER
10-30-20

TR¡ ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

Pearl COMPANIES

Summit at West Pryor

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REVISIONS

1	PERMIT COMMENTS	09.06.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	04.03.20
10	REVISION 5	07.02.20
11	REVISION 6	10-30-20

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

E102

PARTIAL GARAGE PLAN - ELECTRICAL

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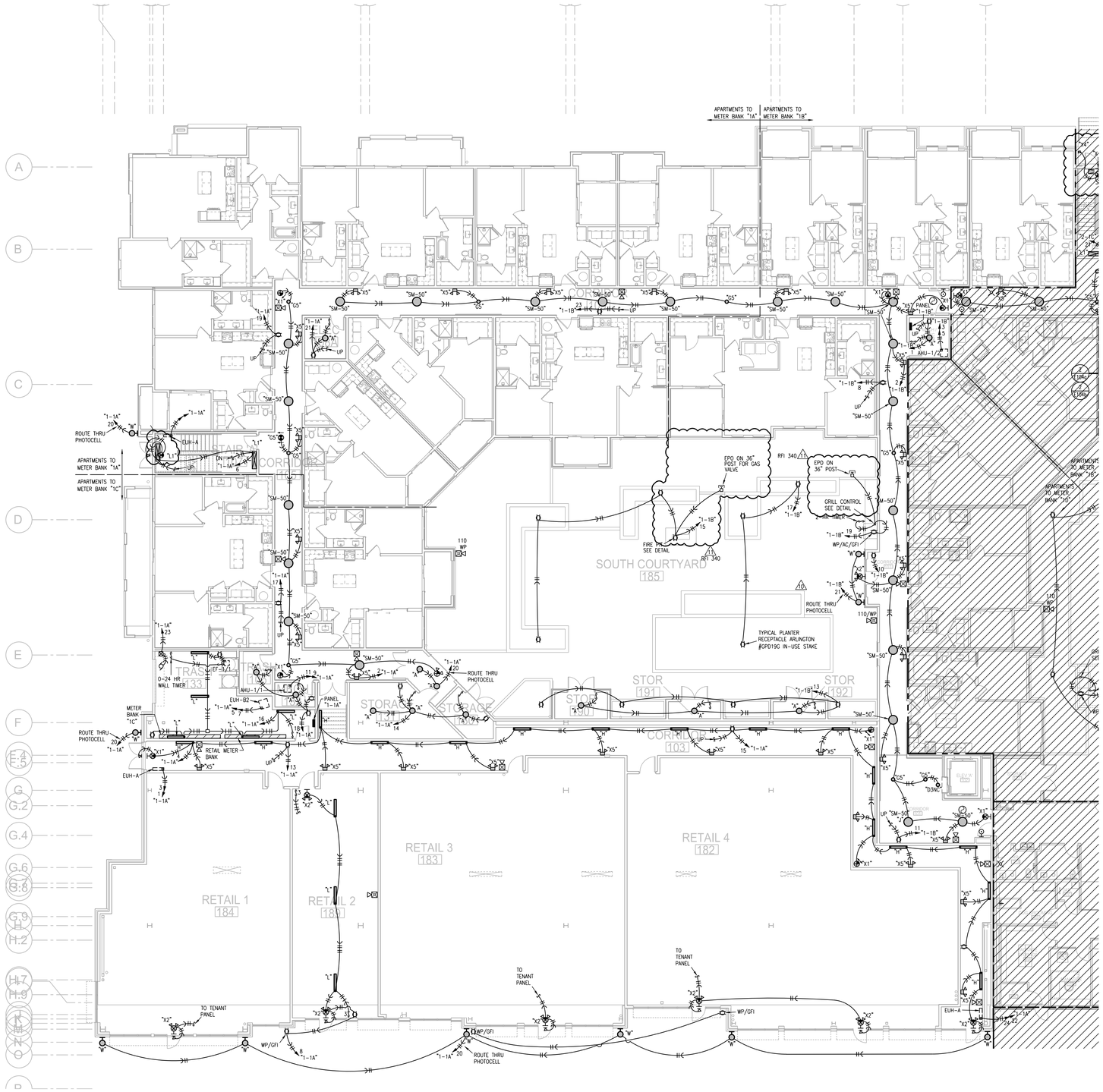
Topeka, Kansas 66614-3974
Telephone: (785) 233-3232
FAX: (785) 233-0647
Email: lsapa@lsapa.com

LSA PROJECT NO. 1904023

NOTES:
1. ALL ⊙ ARE TYPE "A" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
4. ALL ⊗ ARE TYPE "X2" UNLESS NOTED OTHERWISE.
5. ALL ⊗ ARE TYPE "X5" UNLESS NOTED OTHERWISE.
6. CONNECT FIRE/SMOKE DAMPERS SHOWN ON MECHANICAL PLANS TO 120V. AND FIRE ALARM RELAY TO SHUT UPON SMOKE DETECTION IN CORRIDORS.
7. SEE UNIT PLANS FOR FURTHER WORK.
8. LIGHTS AT APT. ENTRY DOORS CONNECT TO APT. HOT CIRCUIT.
9. ALL AHU'S HAVE AUTO DAMPER/THERMOSTAT SYSTEM TO WIRE. SEE HVAC PLANS.
10. EXIT SIGNS SHALL BE READILY VISIBLE TO OCCUPANTS.
11. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
12. "DP-1" DENOTES DISTRIBUTION PANEL.

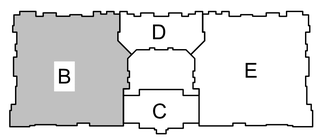
LEGEND:
(1) TO LIGHTING CONTROL PANEL.



1 FIRST FLOOR PLAN - AREA B

3/32"=1'-0" ELECTRICAL

NORTH



KEY PLAN
NO SCALE

NORTH

LS&A Latimer Sommers & Associates, P.A.
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LSA PROJECT NO. 1904023

STATE OF MISSOURI
RICHARD R. BLANCHARD
PROFESSIONAL ENGINEER
10-30-20

TR¡ ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

Pearl COMPANIES

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REVISIONS

6	REVISION 1	12.20.19
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4	REVISION 4	04.24.20
3	REVISION 5	07.02.20
1	REVISION 6	10-30-20

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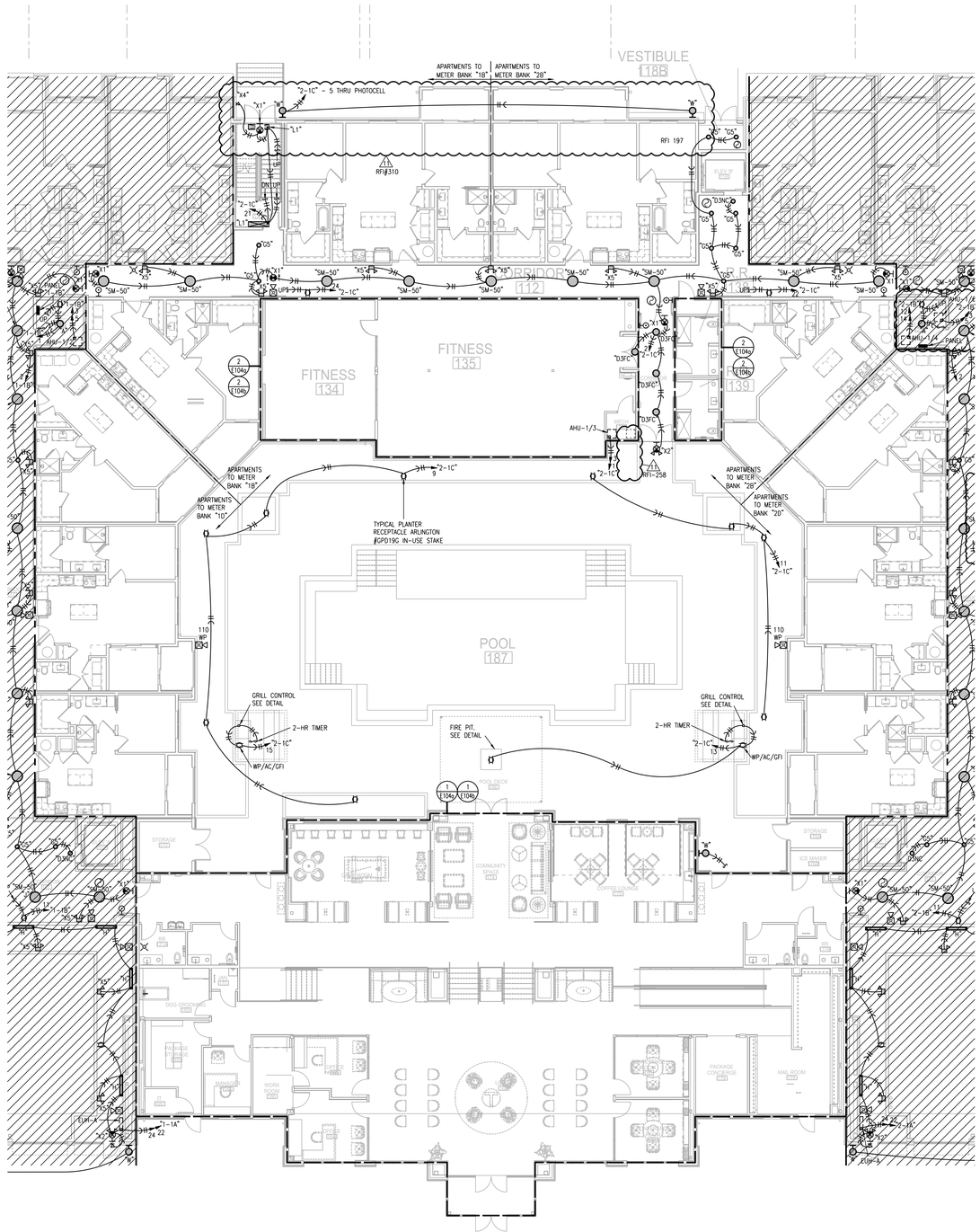
TR¡ PROJECT NO. 18-046

SHEET NO.

E103

FIRST FLOOR PLAN - AREA B - ELECTRICAL



1 **FIRST FLOOR PLAN - AREA C/D**
3/32"=1'-0"
POWER
NORTH

NOTES:
1. ALL ⊙ ARE TYPE "A" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
4. ALL ⊗ ARE TYPE "X2" UNLESS NOTED OTHERWISE.
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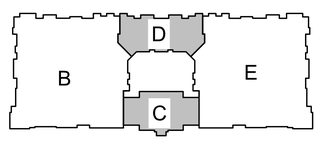
11. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
12. "DP-1" DENOTES DISTRIBUTION PANEL.

LEGEND:
(1) TO LIGHTING CONTROL PANEL.



KEY PLAN
NO SCALE
NORTH

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Topeka, Kansas 66614-3974
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Email: lsapa@lsapa.com
LSA PROJECT NO. 1904023

STATE OF MISSOURI
RICHARD R. BLANCHARD
PROFESSIONAL ENGINEER
10-30-20

TR¡ ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

Pearl COMPANIES

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REVISIONS 6

6	REVISION 1	12.20.19
5	REVISION 3	04.03.20
4	REVISION 4	04.24.20
3	REVISION 5	07.02.20
1	REVISION 6	10-30-20

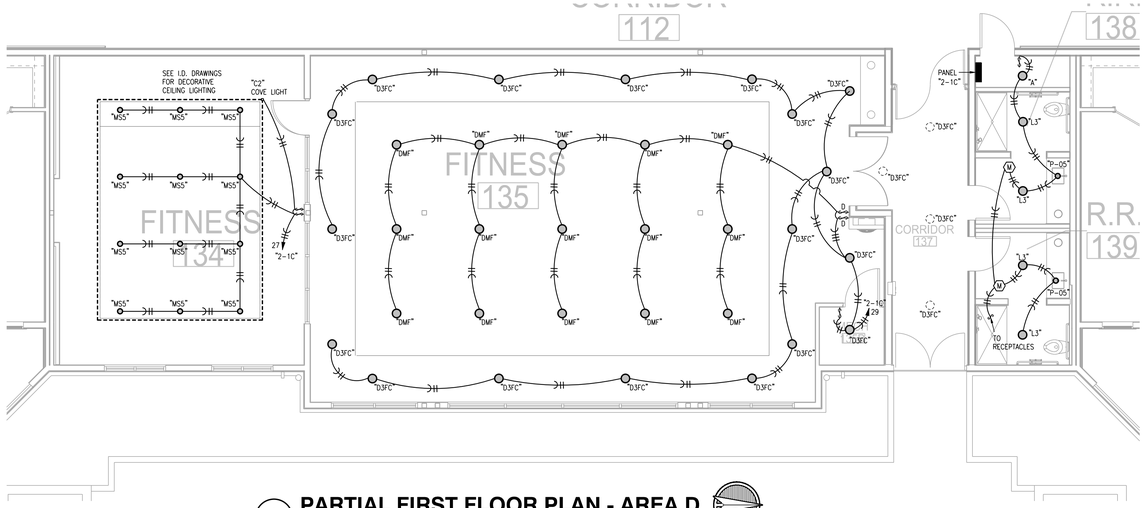
DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

E104

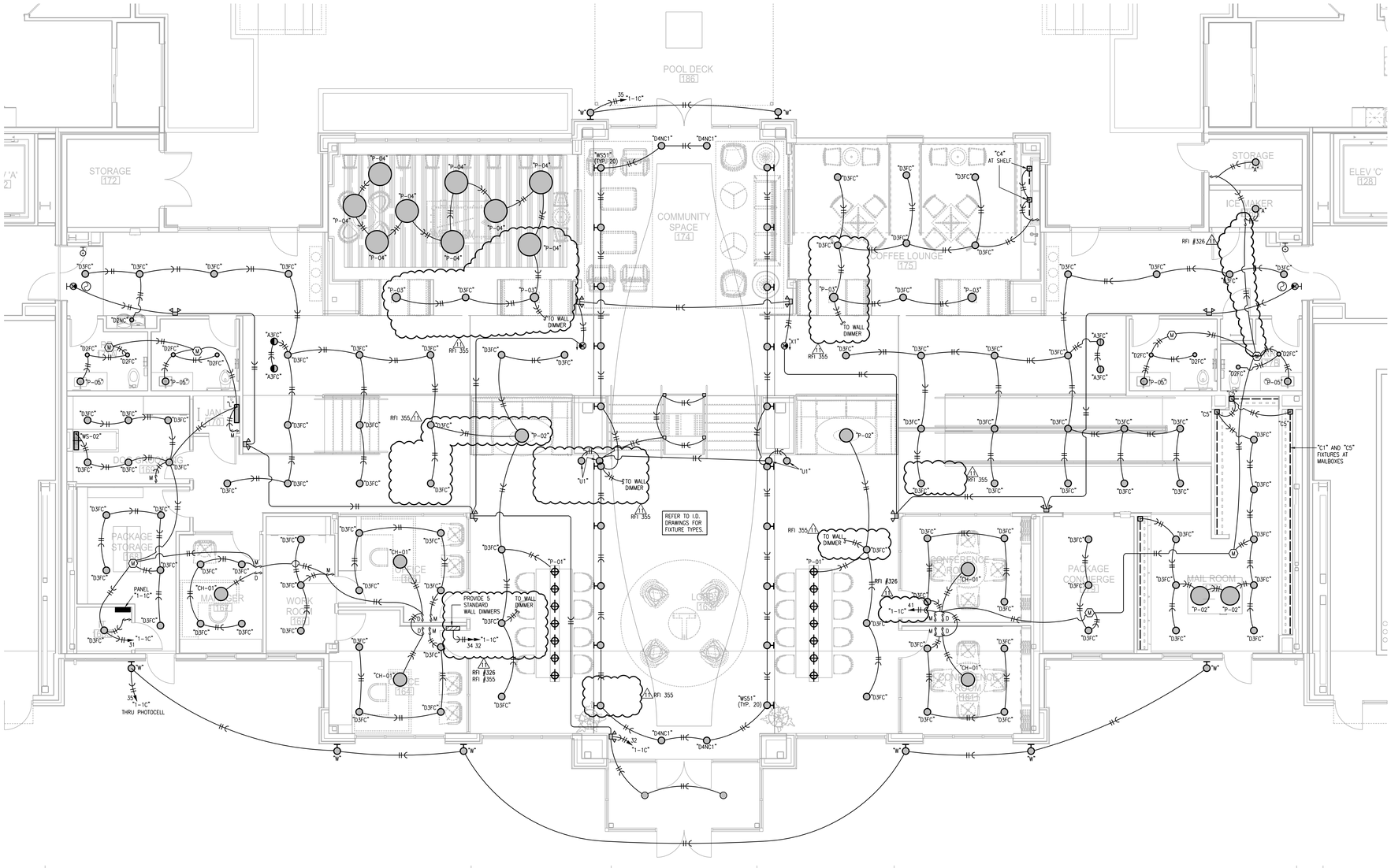
FIRST FLOOR PLAN - AREA C/D - ELECTRICAL



2 PARTIAL FIRST FLOOR PLAN - AREA D

3/16"=1'-0" — LIGHTING

NORTH



1 FIRST FLOOR PLAN - AREA C

3/16"=1'-0" — ELECTRICAL

NORTH

NOTES:
1. ALL ⊙ ARE TYPE "A" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
4. ALL ⊗ ARE TYPE "X2" UNLESS NOTED OTHERWISE.
5. ALL ⊗ ARE TYPE "X5" UNLESS NOTED OTHERWISE.
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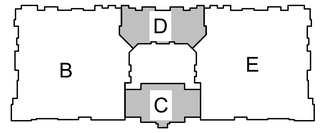
11. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
12. "DP-1" DENOTES DISTRIBUTION PANEL.

LEGEND:
(1) TO LIGHTING CONTROL PANEL.



KEY PLAN

NO SCALE

NORTH

LS&A Latimer Sommers & Associates, P.A.
CONSULTING ENGINEERS
3639 SW Summerfield Drive, Suite A
Topeka, Kansas 66614-3974
Telephone: (785) 233-3232
FAX: (785) 233-0647
Email: lsapa@lsapa.com
LSA PROJECT NO. 1904023

STATE OF MISSOURI RICHARD R. BLANCHARD NUMBER PROFESSIONAL ENGINEER 10-30-20

TR¡ ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

Pearl COMPANIES

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REVISIONS 6

6	REVISION 1	12.20.19
8	REVISION 3	04.03.20
10	REVISION 5	07.02.20
11	REVISION 6	10-30-20

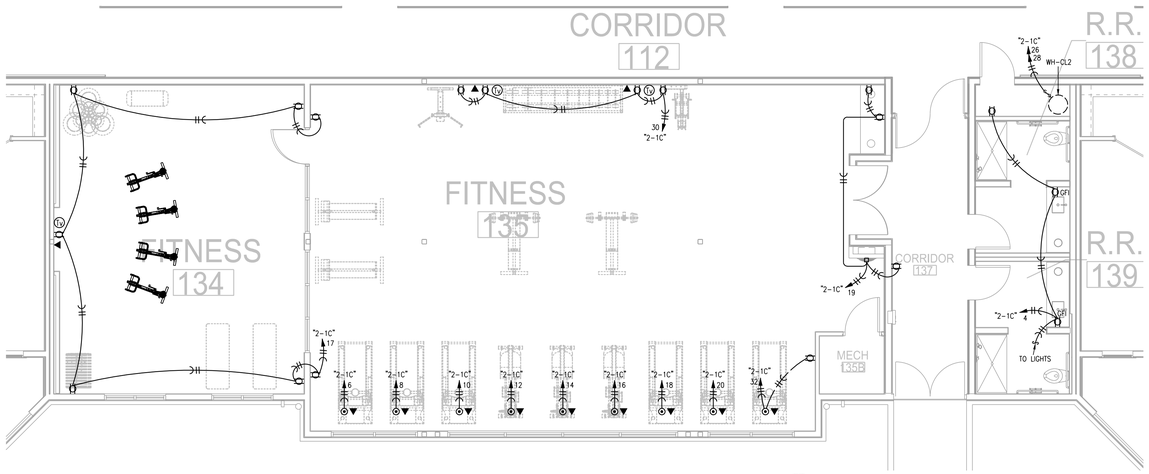
DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

E104a

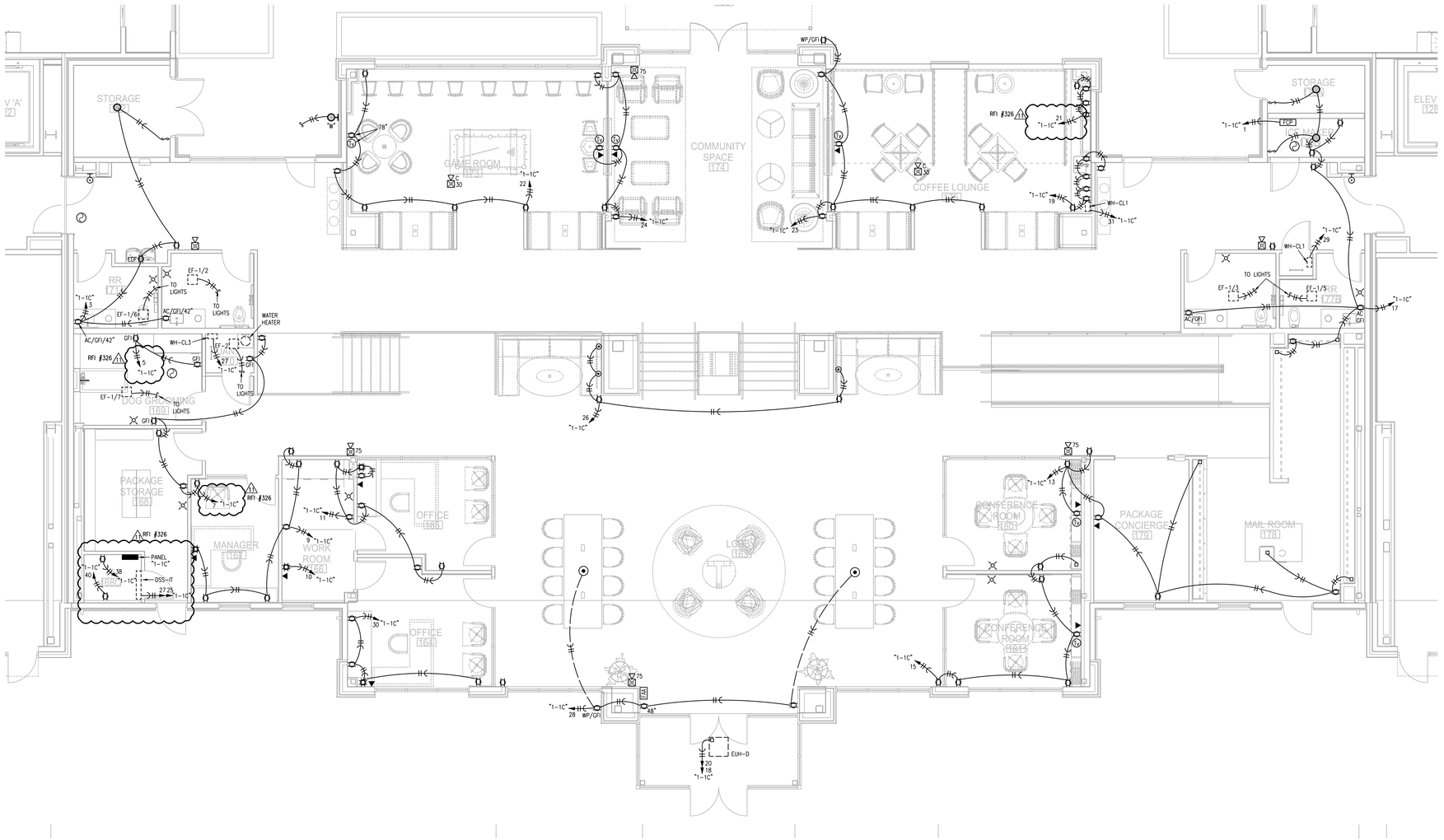
FIRST FLOOR PLAN - AREA D - LIGHTING



2 PARTIAL FIRST FLOOR PLAN - AREA D

3/16"=1'-0" LIGHTING

NORTH



1 FIRST FLOOR PLAN - AREA C

3/16"=1'-0" ELECTRICAL

NORTH

NOTES:
1. ALL ⊙ ARE TYPE "A" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
4. ALL ⊛ ARE TYPE "X2" UNLESS NOTED OTHERWISE.
5. ALL ⊻ ARE TYPE "X5" UNLESS NOTED OTHERWISE.
6. CONNECT FIRE/SMOKE DAMPERS SHOWN ON MECHANICAL PLANS TO 120V. AND FIRE ALARM RELAY TO SHUT UPON SMOKE DETECTION IN CORRIDORS.
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8. LIGHTS AT APT. ENTRY DOORS CONNECT TO APT. HOT CIRCUIT.
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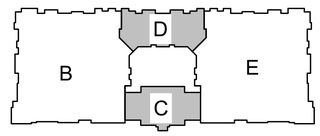
11. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
12. "DP-1" DENOTES DISTRIBUTION PANEL.

LEGEND:
(1) TO LIGHTING CONTROL PANEL.



KEY PLAN

NO SCALE

NORTH

LS&A Latimer Sommers & Associates, P.A.
CONSULTING ENGINEERS
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Email: lsapa@lsapa.com
LSA PROJECT NO. 1904023

STATE OF MISSOURI
RICHARD R. BLANCHARD
NUMBER PROFESSIONAL ENGINEER
10-30-20

TR¡ ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

Pearl COMPANIES

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TRi ARCHITECTS

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St. Louis, Missouri 63119
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DATE: 09.12.19

REVISIONS (A)

(5)	REVISION 1	12.20.19
(3)	REVISION 3	04.03.20
(1)	REVISION 6	10-30-20

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

E104b

FIRST FLOOR PLAN - AREA D - LIGHTING

NOTES:
1. ALL ⊙ ARE TYPE "A" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
4. ALL ⊗ ARE TYPE "X2" UNLESS NOTED OTHERWISE.
5. ALL ⊗ ARE TYPE "X5" UNLESS NOTED OTHERWISE.
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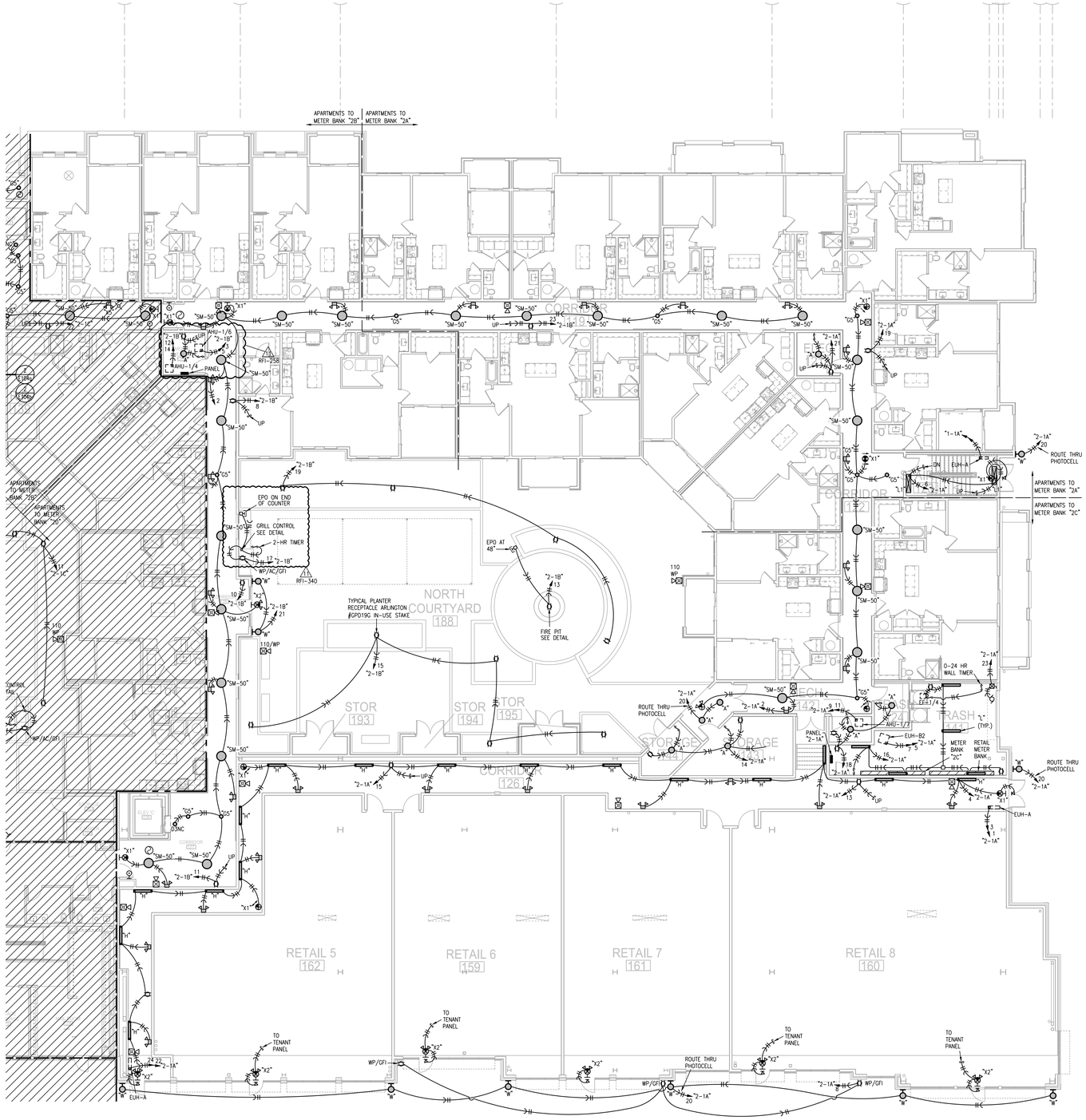
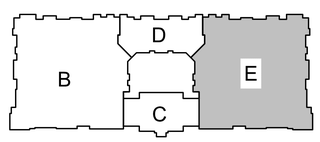
12. "DP-1" DENOTES DISTRIBUTION PANEL.

LEGEND:
(1) TO LIGHTING CONTROL PANEL.



1 **FIRST FLOOR PLAN - AREA E** — ELECTRICAL
3/32"=1'-0"

NORTH



KEY PLAN
NO SCALE

NORTH

LS&A
Latimer Sommers & Associates, P.A.
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LSA PROJECT NO. 1904023

STATE OF MISSOURI
RICHARD R. BLANCHMONT
PROFESSIONAL ENGINEER
10-30-20

TR¡ ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

Pearl COMPANIES

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5	REVISION 5	07.02.20
6	REVISION 6	10-30-20

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

E105

FIRST FLOOR PLAN - AREA E - ELECTRICAL

NOTES:
1. ALL ⊙ ARE TYPE "A" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
4. ALL ⊗ ARE TYPE "X2" UNLESS NOTED OTHERWISE.
5. ALL ⊗ ARE TYPE "X5" UNLESS NOTED OTHERWISE.
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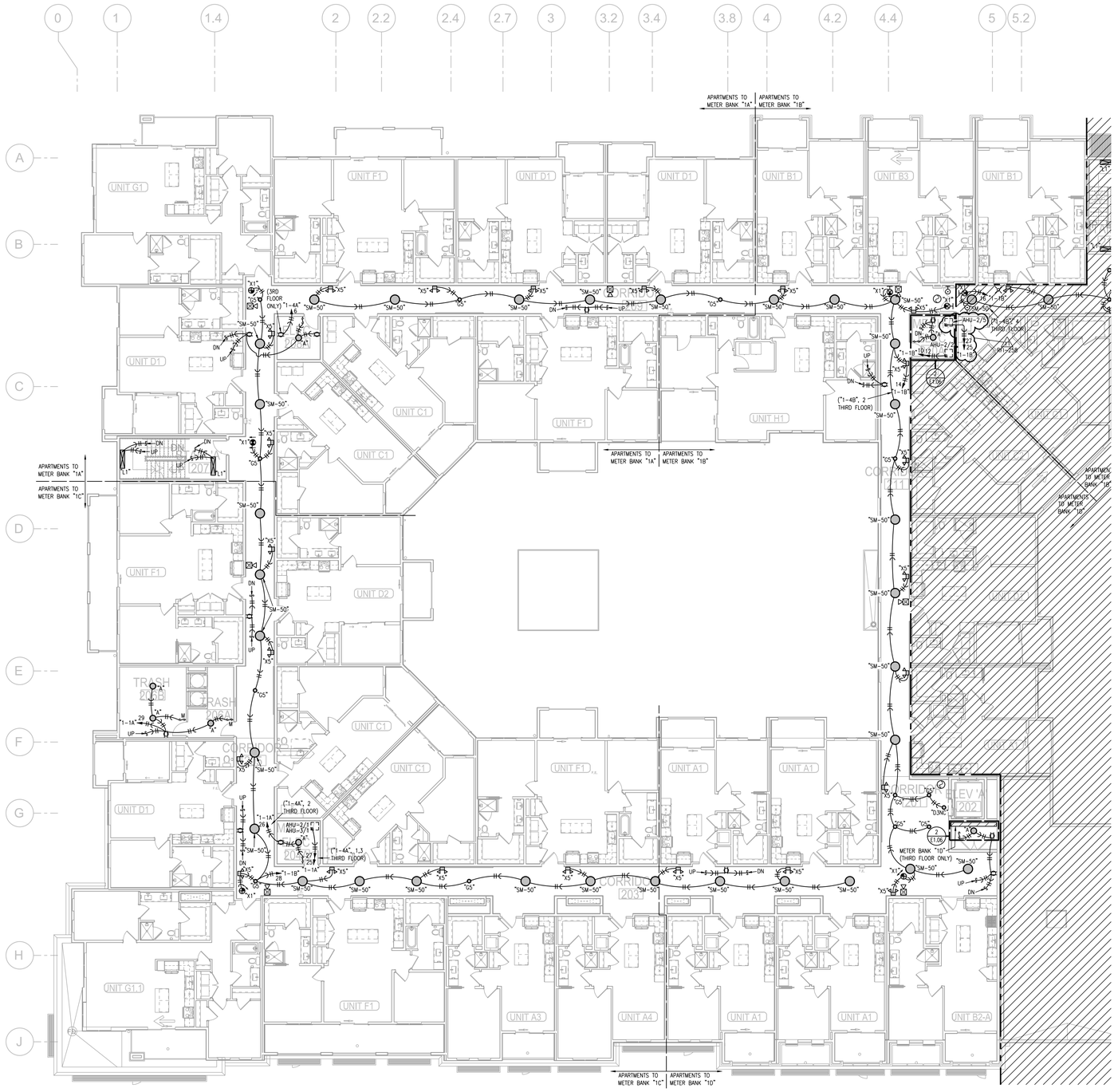
12. "DP-1" DENOTES DISTRIBUTION PANEL.

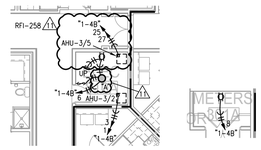
LEGEND:
(1) TO LIGHTING CONTROL PANEL.



1 SECOND FLOOR PLAN - AREA B

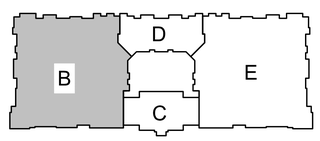
3/32"=1'-0" (THIRD FLOOR SIMILAR) ELECTRICAL

NORTH



2 PARTIAL THIRD FLOOR PLANS

3/32"=1'-0" ELECTRICAL



KEY PLAN

NO SCALE

NORTH

STATE OF MISSOURI
RICHARD R. BLANCHARD
PROFESSIONAL ENGINEER
10-30-20

TR¡ ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

Pearl COMPANIES

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REVISIONS (6)

1	PERMIT COMMENTS	09.06.19
2	REVISION 3	04.03.20
10	REVISION 5	07.02.20
11	REVISION 6	10-30-20

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

E106

SECOND FLOOR PLAN - AREA B - ELECTRICAL

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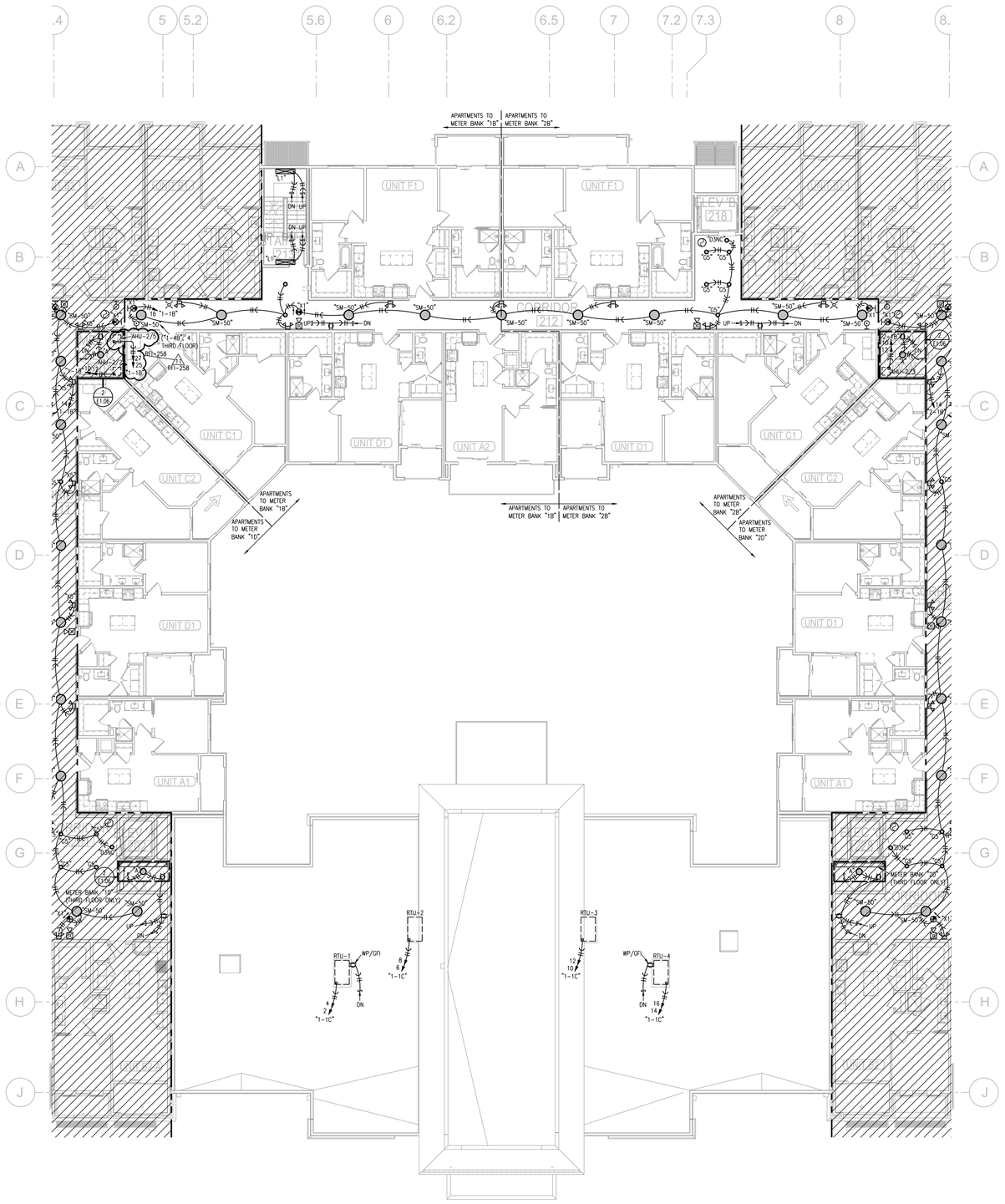
Topeka, Kansas 66614-3974
Telephone: (785) 233-3232
FAX: (785) 233-0647
Email: lsapa@lsapa.com
LSA PROJECT NO. 1904023

NOTES:
1. ALL ⊙ ARE TYPE "A" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
4. ALL ⊗ ARE TYPE "X2" UNLESS NOTED OTHERWISE.
5. ALL ⊗ ARE TYPE "X5" UNLESS NOTED OTHERWISE.
6. CONNECT FIRE/SMOKE DAMPERS SHOWN ON MECHANICAL PLANS TO 120V. AND FIRE ALARM RELAY TO SHUT UPON SMOKE DETECTION IN CORRIDORS.
7. SEE UNIT PLANS FOR FURTHER WORK.
8. LIGHTS AT APT. ENTRY DOORS CONNECT TO APT. HOT CIRCUIT.
9. ALL AHU'S HAVE AUTO DAMPER/THERMOSTAT SYSTEM TO WIRE. SEE HVAC PLANS.
10. EXIT SIGNS SHALL BE READILY VISIBLE TO OCCUPANTS.
11. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
12. "DP-1" DENOTES DISTRIBUTION PANEL.

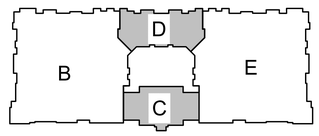
LEGEND:
(1) TO LIGHTING CONTROL PANEL.



1 SECOND FLOOR PLAN - AREA C/D

3/32"=1'-0" (THIRD FLOOR SIMILAR) ELECTRICAL

NORTH



KEY PLAN

NO SCALE

NORTH

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LSA PROJECT NO. 1904023

STATE OF MISSOURI
RICHARD R. BLANCHARD
PROFESSIONAL ENGINEER
10-30-20

TR¡ ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

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REVISIONS (A)

1	PERMIT COMMENTS	09.06.19
2	REVISION 3	04.03.20
10	REVISION 5	07.02.20
11	REVISION 6	10-30-20

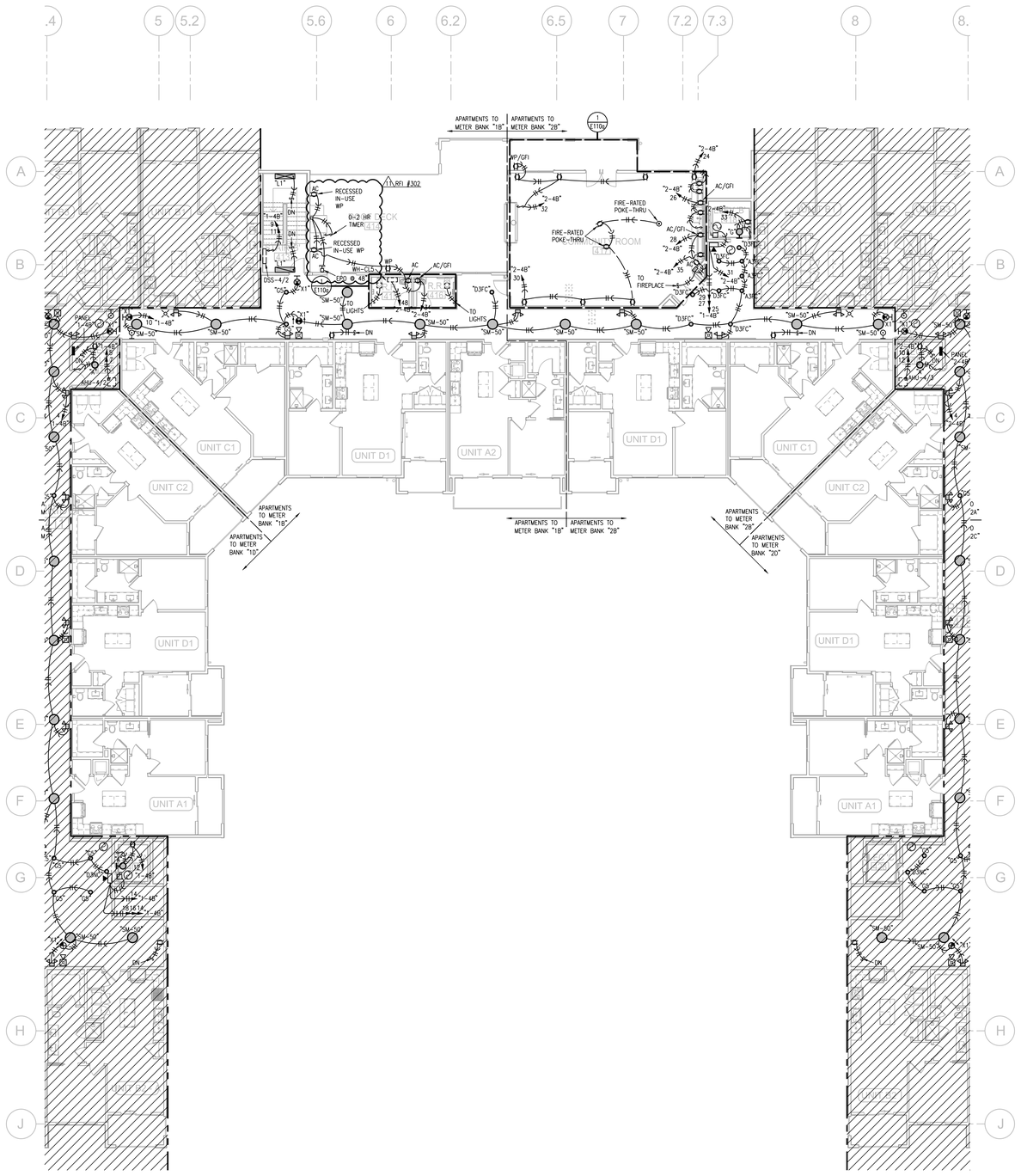
DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

E107

SECOND FLOOR PLAN - AREA C/D - ELECTRICAL

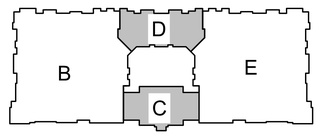


1 **FOURTH FLOOR PLAN - AREA C/D**
3/32"=1'-0" ELECTRICAL

NORTH

NOTES:
1. ALL ⊙ ARE TYPE "A" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
4. ALL ⊛ ARE TYPE "X2" UNLESS NOTED OTHERWISE.
5. ALL ⊛ ARE TYPE "X5" UNLESS NOTED OTHERWISE.
6. CONNECT FIRE/SMOKE DAMPERS SHOWN ON MECHANICAL PLANS TO 120V. AND FIRE ALARM RELAY TO SHUT UPON SMOKE DETECTION IN CORRIDORS.
7. SEE UNIT PLANS FOR FURTHER WORK.
8. LIGHTS AT APT. ENTRY DOORS CONNECT TO APT. HOT CIRCUIT.
9. ALL AHU'S HAVE AUTO DAMPER/THERMOSTAT SYSTEM TO WIRE. SEE HVAC PLANS.
10. EXIT SIGNS SHALL BE READILY VISIBLE TO OCCUPANTS.
11. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
12. "DP-1" DENOTES DISTRIBUTION PANEL.

LEGEND:
(1) TO LIGHTING CONTROL PANEL.



KEY PLAN
NO SCALE

NORTH

LS&A
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LSA PROJECT NO. 1904023

STATE OF MISSOURI
RICHARD R. BLANCHARD
PROFESSIONAL ENGINEER
10-30-20

TR¡ ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

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REVISIONS

1	PERMIT COMMENTS	09.06.19
2	REVISION 1	12.20.19
3	REVISION 3	04.03.20
4	REVISION 5	07.02.20
5	REVISION 6	10-30-20

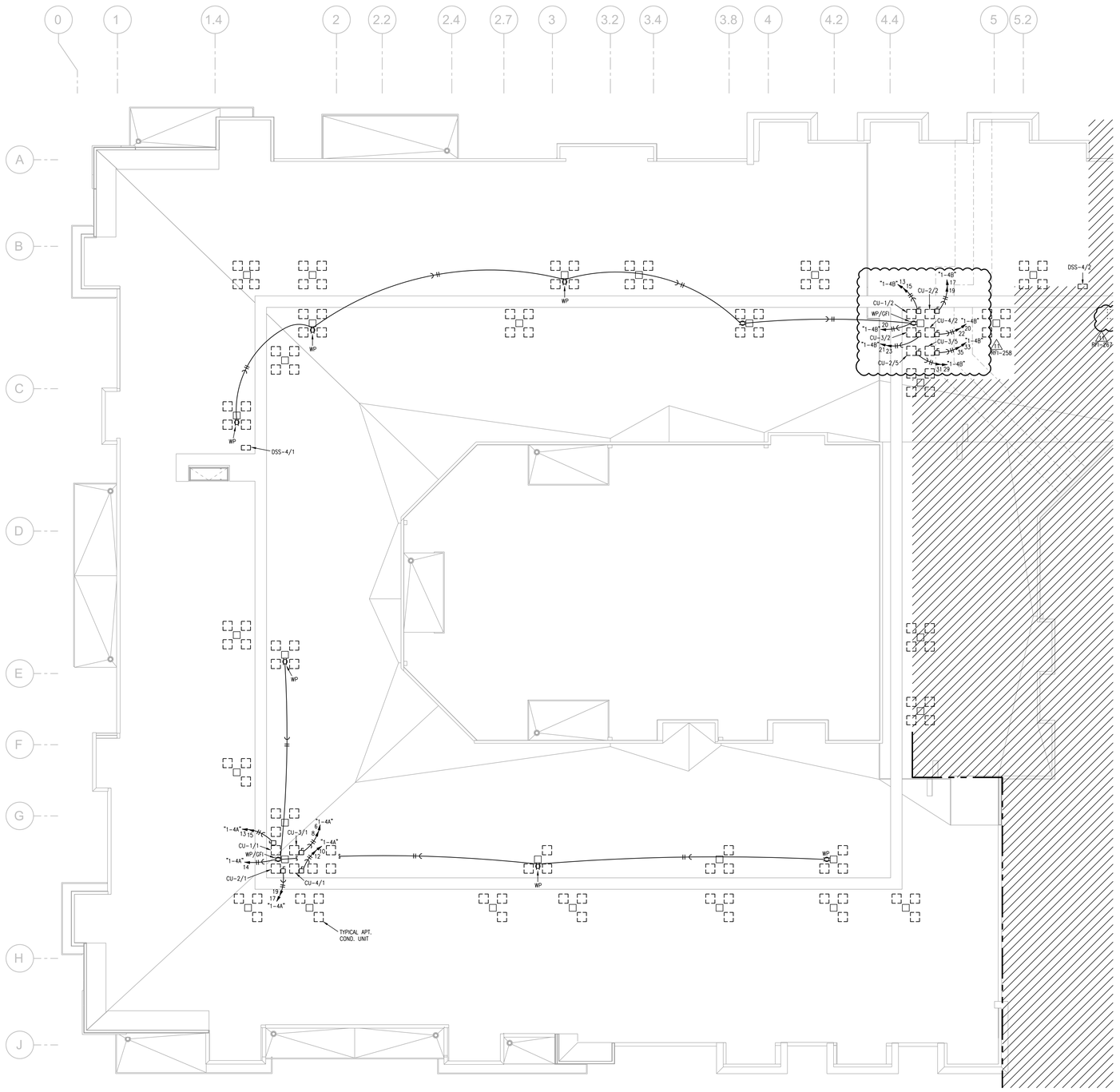
DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

E110

FOURTH FLOOR PLAN - AREA C/D - ELECTRICAL



1 **ROOF PLAN - AREA B**
3/32"=1'-0" ELECTRICAL

NORTH

NOTES:

1. ALL ⊙ ARE TYPE "A" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
4. ALL ⊗ ARE TYPE "X2" UNLESS NOTED OTHERWISE.
5. ALL ⊗ ARE TYPE "X5" UNLESS NOTED OTHERWISE.
6. CONNECT FIRE/SMOKE DAMPERS SHOWN ON MECHANICAL PLANS TO 120V. AND FIRE ALARM RELAY TO SHUT UPON SMOKE DETECTION IN CORRIDORS.
7. SEE UNIT PLANS FOR FURTHER WORK.
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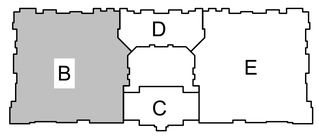
10. EXIT SIGNS SHALL BE READILY VISIBLE TO OCCUPANTS.
11. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
12. "DP-1" DENOTES DISTRIBUTION PANEL.

LEGEND:

(1) TO LIGHTING CONTROL PANEL.



KEY PLAN
NO SCALE

NORTH

STATE OF MISSOURI
RICHARD R. BLANCHARD
REGISTERED PROFESSIONAL ENGINEER
10-30-20

TR¡ ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

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REVISIONS 6

1 PERMIT COMMENTS	09.06.19
1 REVISION 6	10-30-20

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TR¡ PROJECT NO. 18-046

SHEET NO.

E112

ROOF PLAN - AREA B - ELECTRICAL

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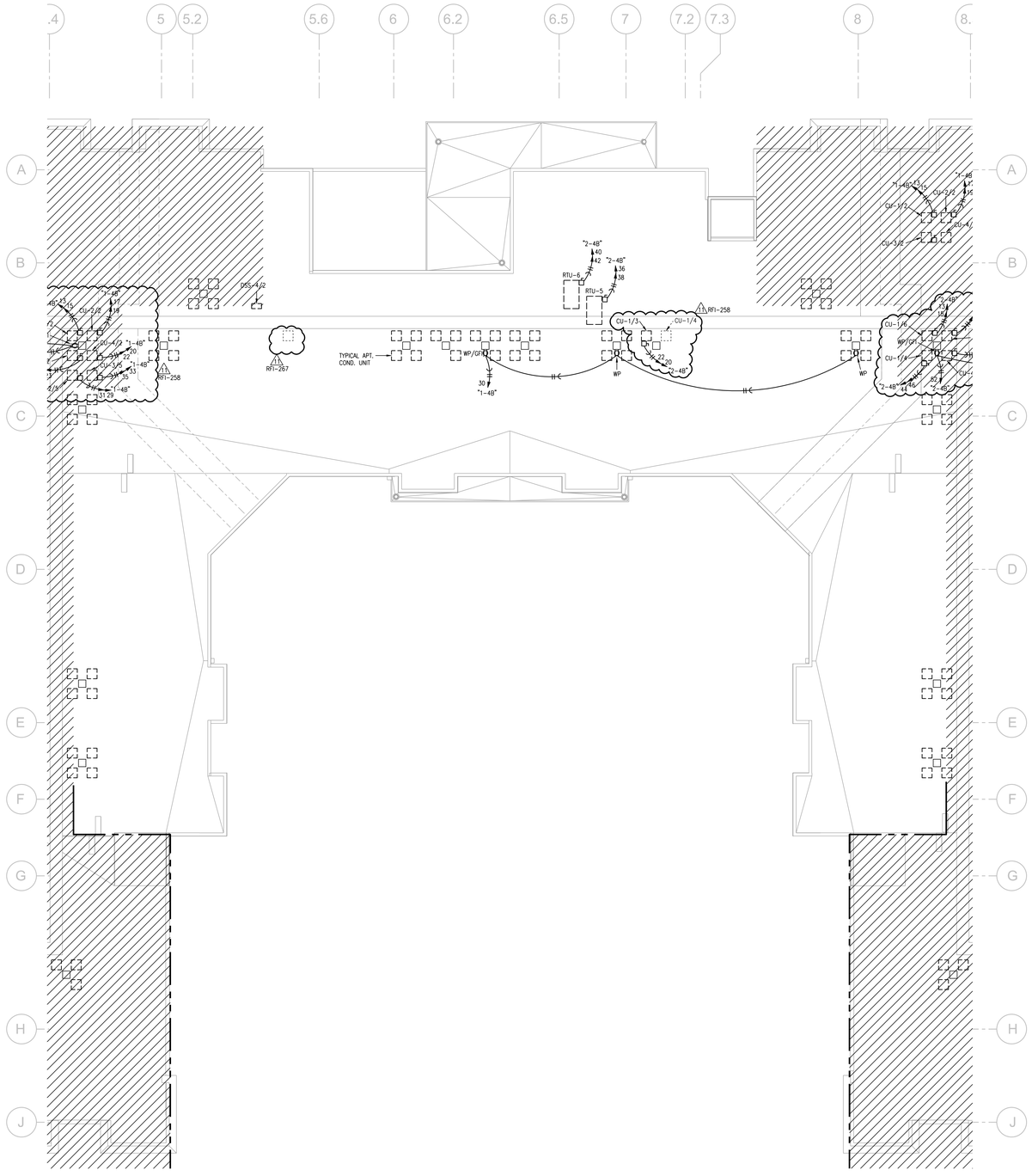
FAX: (785) 233-0647
Email: lsapa@lsapa.com

LSA PROJECT NO. 1904023



1. ALL ⊙ ARE TYPE "A" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
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7. SEE UNIT PLANS FOR FURTHER WORK.
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11. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
12. "DP-1" DENOTES DISTRIBUTION PANEL.

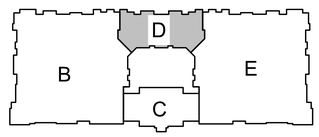
LEGEND:

(1) TO LIGHTING CONTROL PANEL.

1 ROOF PLAN - AREA D

3/32"=1'-0" ELECTRICAL

NORTH



KEY PLAN

NO SCALE

NORTH

LS&A Latimer Sommers & Associates, P.A.
CONSULTING ENGINEERS
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LSA PROJECT NO. 1904023

STATE OF MISSOURI
RICHARD R. BLANCHARD
NUMBER PE-2009018844
PROFESSIONAL ENGINEER
10-30-20

TR¡ ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

Pearl COMPANIES

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REVISIONS 6

1	PERMIT COMMENTS	09.06.19
3	REVISION 3	04.03.20
6	REVISION 6	10-30-20

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TR¡ PROJECT NO. 18-046

SHEET NO.

E113

ROOF PLAN - AREA D - ELECTRICAL

NOTES:
1. ALL ⊙ ARE TYPE "A" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
4. ALL ⊗ ARE TYPE "X2" UNLESS NOTED OTHERWISE.
5. ALL ⊗ ARE TYPE "X5" UNLESS NOTED OTHERWISE.
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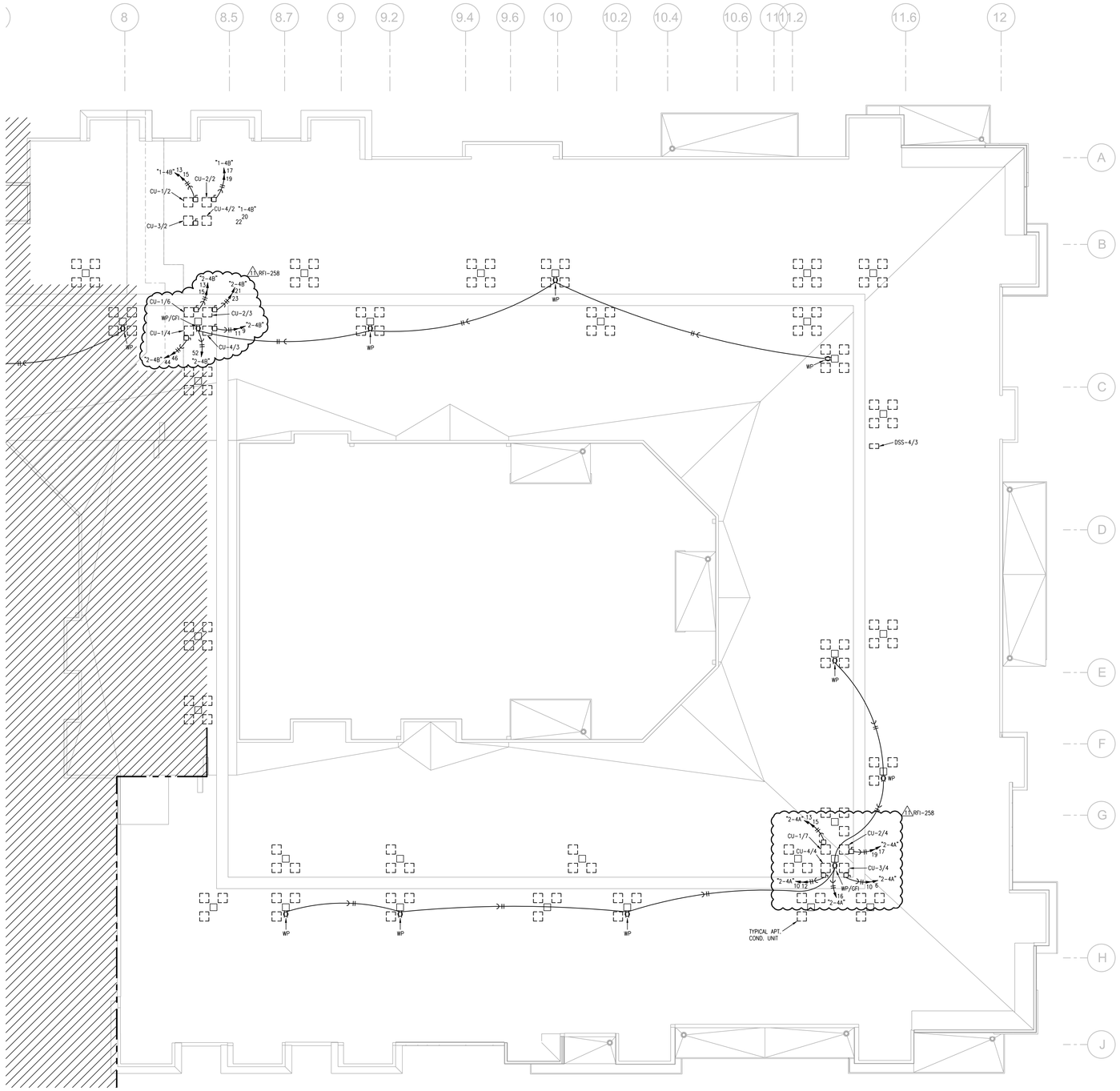
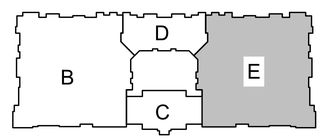
12. "DP-1" DENOTES DISTRIBUTION PANEL.

LEGEND:
(1) TO LIGHTING CONTROL PANEL.



1 ROOF PLAN - AREA E
3/32" = 1'-0" ELECTRICAL

NORTH



KEY PLAN
NO SCALE

NORTH

LS&A
Latimer Sommers & Associates, P.A.
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STATE OF MISSOURI
RICHARD R. BLANCHARD
NUMBER
PROFESSIONAL ENGINEER
10-30-20

TR¡ ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

Pearl COMPANIES

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REVISIONS 6

1 PERMIT COMMENTS	09.06.19
1 REVISION 6	10-30-20

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TR¡ PROJECT NO. 18-046

SHEET NO.

E114

ROOF PLAN - AREA E - ELECTRICAL

ELECTRICAL PANEL SCHEDULE

PANEL: SWGR NO. 1 | LOCATION: | MOUNTING: SURFACE
BUS: 5000 A | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 3/4 | KAIC: 10

DESCRIPTION	A	B	C	BRKR	WIRE	POLE	WIRE	BRKR	A	B	C	DESCRIPTION
	WATTS								WATTS			
RETAIL	100000			1200		1 2		1000	108000			METER BANK 1C
		100000				3 4				108000		
			100000	3P		5 6	3P				108000	
METER BANK 1A	82000			1000		7 8		1000	97000			METER BANK 1D
		82000				9 10				97000		
			82000	3P		11 12	3P				97000	
METER BANK 1B	104000			1000		13 14		1000	155680			HOUSE PANEL DP-S
		104000				15 16				149830		
			104000	3P		17 18	3P				129200	
SPARE						19 20						
SPARE						21 22						SPACE
SPARE						23 24						SPACE
SPARE						25 26						SPACE
SPARE						27 28						SPACE
SPARE				20	12	29 30						SPACE
CONNECTED LOAD-WATTS	646680	640830	620200						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	5389	5340	5168						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

ELECTRICAL PANEL SCHEDULE

PANEL: SWGR NO. 2 | LOCATION: | MOUNTING: SURFACE
BUS: 5000 A | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 3/4 | KAIC: 10

DESCRIPTION	A	B	C	BRKR	WIRE	POLE	WIRE	BRKR	A	B	C	DESCRIPTION
	WATTS								WATTS			
RETAIL	100000			1200		1 2		1000	108000			METER BANK 1C
		100000				3 4				108000		
			100000	3P		5 6	3P				108000	
METER BANK 1A	82000			1000		7 8		1000	97000			METER BANK 1D
		82000				9 10				97000		
			82000	3P		11 12	3P				97000	
METER BANK 1B	104000			1000		13 14		1000	144670			HOUSE PANEL DP-N
		104000				15 16				146580		
			104000	3P		17 18	3P				124050	
SPARE						19 20						
SPARE						21 22						SPACE
SPARE						23 24						SPACE
SPARE						25 26						SPACE
SPARE						27 28						SPACE
SPARE				20	12	29 30						SPACE
CONNECTED LOAD-WATTS	635670	637580	615050						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	5297	5313	5125						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

ELECTRICAL PANEL SCHEDULE

PANEL: DP-S | LOCATION: | MOUNTING: SURFACE
BUS: 1000 A | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 3/4 | KAIC: 42

DESCRIPTION	A	B	C	BRKR	WIRE	POLE	WIRE	BRKR	A	B	C	DESCRIPTION
	WATTS								WATTS			
PANEL B1	24700			400		1 2		400	30400			PANEL 1-1A
		23900				3 4				29500		
			22700	3P		5 6	3P				27000	
PANEL B-1A	30000			225		7 8		225	39700			PANEL 1-1B
		25550				9 10				41500		
			25500	3P		11 12	3P				28800	
PANEL 1-1C	30880			225		13 14						200 A SPACE
		29380				15 16						
			25200	3P		17 18						
						19 20						
						21 22						
						23 24						
CONNECTED LOAD-WATTS	155680	149830	129200						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	1297	1249	1077						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			1000 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

ELECTRICAL PANEL SCHEDULE

PANEL: B1 | LOCATION: | MOUNTING: SURFACE
BUS: 400 A | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 3/4 | KAIC: 10

DESCRIPTION	A	B	C	BRKR	WIRE	POLE	WIRE	BRKR	A	B	C	DESCRIPTION
	WATTS								WATTS			
EUH-B	5100			60		8 1 2		12	20 1000			OHD
		5100				8 3 4		12		1000		
			5100	3P		8 5 6		12	3P		1000	
EUH-B	5100			60		8 7 8		6	90 5800			EF-G1
		5100				8 9 10		6		5800		
			5100	3P		8 11 12		6	3P		5800	
EUH-B	5100			60		8 13 14		12	20 1200			LIGHTING
		5100				8 15 16		12	20	1200		LIGHTING
			5100	3P		8 17 18		12	20		600	LTS/RECEPTS
RECEPTACLES	600			20	12	19 20		12	20 800			LTS/RECEPTS
RECEPTACLES		600		20	12	21 22						
SPARE				20		23 24						
SPARE				20		25 26						SPACE
SPARE				20		27 28						SPACE
SPARE				20		29 30						SPACE
SPARE				20		31 32						SPACE
SPARE				20		33 34						SPACE
SPARE				20		35 36						SPACE
SPARE				20		37 38						SPACE
SPARE				20		39 40						SPACE
SPARE				20		41 42						SPACE
CONNECTED LOAD-WATTS	24700	23900	22700						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	206	199	189						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			400 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

ELECTRICAL PANEL SCHEDULE

PANEL: B1A | LOCATION: | MOUNTING: SURFACE
BUS: 225 A | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 3/4 | KAIC: 10

DESCRIPTION	A	B	C	BRKR	WIRE	POLE	WIRE	BRKR	A	B	C	DESCRIPTION
	WATTS								WATTS			
EUH-B	5100			60		8 1 2		100	3800			PANEL P
		5100				8 3 4				4100		
			5100	3P		8 5 6		3P			3200	
EUH-B	5100			60		8 7 8		60	4000			CAR CHARGER
		5100				8 9 10		8 2P		4000		
			5100	3P		8 11 12		8	60		4000	CAR CHARGER
EUH-B	5100			60		8 13 14		8 2P	4000			
		5100				8 15 16		12	20	1500		EUH-A
			5100	3P		8 17 18		12 2P			1500	
ELEV PIT	200			20	12	19 20		12	20 1200			LIGHTING
SUMP PUMP		600		20	12	21 22		12	20	50		ELEVATOR PIT LTG
EUH-C			1500	20	12	23 24						SPACE
EUH-C	1500			20	12	25 26						SPACE
				20		27 28						SPACE
				20		29 30						SPACE
SPARE				20		31 32						SPACE
SPARE				20		33 34						SPACE
SPARE				20		35 36						SPACE
SPARE				20		37 38						SPACE
SPARE				20		39 40						SPACE
SPARE				20		41 42						SPACE
CONNECTED LOAD-WATTS	30000	25550	25500						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	250	213	213						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			225 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

ELECTRICAL PANEL SCHEDULE

PANEL: P | LOCATION: | MOUNTING: SURFACE
BUS: 225 A | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 3/4 | KAIC: 10

DESCRIPTION	A	B	C	BRKR	WIRE	POLE	WIRE	BRKR	A	B	C	DESCRIPTION
	WATTS								WATTS			
PUMP	2200			35	10	1 2		12	20 300			HEATERS
5 HP VERIFY		2200		2P	10	3 4		12	20	600		LTS/RECEPTS
PUMP			1300	20	12	5 6		12	20		600	RECEPTACLES
3 HP VERIFY	1300			2P	12	7 8			20			SPARE
PUMP		1300		20	12	9 10			20			SPARE
3 HP VERIFY			1300	2P	12	11 12			20			SPARE
SPACE						13 14						SPACE
SPACE						15 16						SPACE
SPACE						17 18						SPACE
SPACE						19 20						SPACE
SPACE						21 22						SPACE
SPACE						23 24						SPACE
SPACE						25 26						SPACE
SPACE						27 28						SPACE
SPACE				20	12	29 30						SPACE
CONNECTED LOAD-WATTS	3800	4100	3200						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	32	34	27						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			100 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

ELECTRICAL PANEL SCHEDULE

PANEL: 1-1A | LOCATION: | MOUNTING: SURFACE
BUS: 225 A | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 3/4 | KAIC: 10

DESCRIPTION	A	B	C	BRKR	WIRE	POLE	WIRE	BRKR	A	B	C	DESCRIPTION
	WATTS								WATTS			
EUH-A	1500			20	12	1 2		12	20 1000			LIGHTING
		1500		2P	12	3 4		12	20	1000		LIGHTING
EUH-B2			2500	30	10	5 6		12	20		1000	LIGHTING
	2500			2P	10	7 8		12	20 600			LTS/RECEPTS
AHU-1/1		4800		50	8	9 10		12	20	600		LTS/RECEPTS
			4800	2P	8	11 12		12	20		600	LTS/RECEPTS
RECEPTACLES	800			20	12	13 14		12	20 500			LTS/RECEPTS
RECEPTACLES		800		20	12	15 16		12	20	600		LTS/RECEPTS
RECEPTACLES			800	20	12	17 18		12	20		500	LTS/RECEPTS
RECEPTACLES	800			20	12	19 20		12	20 1200			EXTERIOR LIGHTING
LTS/RECEPTS		800		20	12	21 22		12	20	1500		EUH-A
OHD			1500	20	12	23 24		12	2P		1500	
AHU-2/1	4800			50	8	25 26		12	20 800			LTS/RECEPTS
		4800		2P	8	27 28		12	20	1000		LIGHTING
LTS/RECEPTS			1000	20	12	29 30						SPACE
SPARE				20		31 32						SPACE
SPARE				20		33 34						SPACE
SPARE				20		35 36						SPACE
SPARE				20		37 38		125	15900			PANEL 1-4A
SPARE				20		39 40				12100		
SPARE				20		41 42		3P			12800	
CONNECTED LOAD-WATTS	30400	29500	27000						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	253	246	225						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			400 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

ELECTRICAL PANEL SCHEDULE

PANEL: 1-1B | LOCATION: | MOUNTING: SURFACE
BUS: 225 A | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 3/4 | KAIC: 10

DESCRIPTION	A	B	C	BRKR	WIRE	POLE	WIRE	BRKR	A	B	C	DESCRIPTION
	WATTS								WATTS			
LTS/RECEPTS	400			20	12	1 2		12	20 1000			LIGHTING
AHU-1/2		4800		50	8	3 4		12	20	1000		LIGHTING
			4800	2P	8	5 6		12	20		400	RECEPTACLES
AHU-2/2	4800			50	8	7 8		12	20 800			RECEPTACLES
		4800		2P	8	9 10				200		RECEPTACLES
RECEPTACLES			800			11 12						
COURTYARD	1000			20	12	13 14		12	20			
COURTYARD		1000		20	12	15 16		12	20			
COURTYARD			600	20	12	17 18		12	20			
COURTYARD	200			20	12	19 20		12	20			
COURTYARD		400		20	12	21 22						SPACE
RECEPTACLES			800	20	12	23 24						SPACE
AHU-2/5	4800			50	8	25 26						SPACE
		4800		2P	8	27 28						SPACE
				20	12	29 30						SPACE
SPARE				20		31 32						SPACE
SPARE				20		33 34						SPACE
SPARE				20		35 36						SPACE
SPARE				20		37 38			26700			PANEL 1-4B
SPARE				20		39 40				24500		
SPARE				20		41 42		3P			21400	
CONNECTED LOAD-WATTS	39700	41500	28800						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	331	346	240						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			225 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

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ELECTRICAL PANEL SCHEDULE

PANEL: 1-1C | LOCATION: | MOUNTING: SURFACE
BUS: 225 A | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 3/4 | KAIC: 10

DESCRIPTION	A	B	C	BRKR	WIRE	POLE	WIRE	BRKR	A	B	C	DESCRIPTION
	WATTS								WATTS			
FIRE ALARM PANEL - HLO	800			20	12	1 2		6	70 6600			RTU-1
LTS/RECPTS		400		20	12	3 4		6	2P	6600		
RECEPTACLES			400	20	12	5 6		6	70		6600	RTU-2
RECEPTACLES	1000			20	12	7 8		6	2P	6600		
RECEPTACLES		1400		20	12	9 10		6	70		6600	RTU-3
RECEPTACLES			1000	20	12	11 12		6	2P		6600	
RECEPTACLES	1400			20	12	13 14		6	70 6600			RTU-4
RECEPTACLES		1200		20	12	15 16		6	2P	6600		
RECEPTACLES			1200	20	12	17 18		12	20		1500	EUH-D
RECEPTACLES	600			20	12	19 20		12	2P	1500		
RECEPTACLES		600		20	12	21 22		12	20	600		RECEPTACLES
RECEPTACLES			1200	20	12	23 24		12	20		800	RECEPTACLES
DSS - IT	1400			20	12	25 26		12	20	800		RECEPTACLES
		1400		2P	12	27 28		12	20	1000		RECEPTACLES
WATER HEATER			1500	20	12	29 30		12	20		800	RECEPTACLES
LIGHTING	600			20	12	31 32		12	20 600			LIGHTING CONTROL PANEL
SPARE				20		33 34		12	20	600		
LIGHTING		600		20	12	35 36		12	20		1500	WATER HEATER
WH-CL3	1980			30	10	37 38		12	20 400			IT EQUIP
		1980		2P	10	39 40		12	20	400		IT EQUIP
LIGHTING			1500	20	12	41 42						SPACE
CONNECTED LOAD-WATTS	30880	29380	25200						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	257	245	210						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			225 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

ELECTRICAL PANEL SCHEDULE

PANEL: 1-4A | LOCATION: | MOUNTING: SURFACE
BUS: 225 A | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 3/4 | KAIC: 10

DESCRIPTION	A	B	C	BRKR	WIRE	POLE	WIRE	BRKR	A	B	C	DESCRIPTION
	WATTS								WATTS			
AHU-3/1	4800			50	8	1 2		12	20 400			LTS/RECEPTS
		4800		2P	8	3 4		12	20	1000		LIGHTING
AHU-4/1			4800	50	8	5 6		12	20		1700	CU-3/1
	4800			2P	8	7 8		10	2P 1700			
DSS-4/1		1900		25	10	9 10		10	25	1700		CU-4/1
			1900	2P	10	11 12		10	2P		1700	
CU-1/1	1700			25	10	13 14		12	20 800			RECEPTACLES
		1700		2P	10	15 16			20			
CU-2/1			1700	25	12	17 18			20			
	1700			2P	12	19 20			20			
RECEPTACLES		1000		20	12	21 22						SPACE
LIGHTING			1000	20	12	23 24						SPACE
						25 26						SPACE
						27 28						SPACE
						29 30						SPACE
SPARE				20		31 32						SPACE
SPARE				20		33 34						SPACE
SPARE				20		35 36						SPACE
SPARE				20		37 38						SPACE
SPARE				20		39 40						SPACE
SPARE				20		41 42						SPACE
CONNECTED LOAD-WATTS	15900	12100	12800						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	133	101	107						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			125 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

ELECTRICAL PANEL SCHEDULE

PANEL: 1-4B | LOCATION: | MOUNTING: SURFACE
BUS: 225 A | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 3/4 | KAIC: 10

DESCRIPTION	A	B	C	BRKR	WIRE	POLE	WIRE	BRKR	A	B	C	DESCRIPTION
	WATTS								WATTS			
AHU-3/2	4800			50	8	1 2		12	20 1000			LIGHTING
		4800		2P	8	3 4		12	20	1000		LIGHTING
AHU-4/2			4800	50	8	5 6		12	20		400	RECEPTACLES
CU-4/2	4800			2P	8	7 8		12	20 400			RECEPTACLES
		1700		25	8	9 10		12	20	400		ELEVATOR CAR
			1700	2P	8	11 12		12	20		200	HOISTWAY
CU-1/2	1700			25	10	13 14		6	60 4800			ELEVATOR
		1700		2P	10	15 16		6		4800		
CU-2/2			1700	25	10	17 18		6	3P		4800	
	1700			2P	10	19 20		12	20 1000			RECEPTACLES
CU-3/2		1700		25	10	21 22		10	25	1900		DSS-4/2
			1700	2P	10	23 24		10	2P		1900	
AHU-3/5	4800			50	8	25 26						SPACE
		4800		2P	8	27 28						SPACE
CU-2/5			1700	25	10	29 30		12	20		800	RECEPTACLES
	1700			2P	10	31 32						SPACE
CU-3/5		1700		25	10	33 34						SPACE
			1700	2P	10	35 36						SPACE
SPARE				20		37 38						SPACE
SPARE				20		39 40						SPACE
SPARE				20		41 42						SPACE
CONNECTED LOAD-WATTS	26700	24500	21400						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	223	204	178						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			150 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

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ELECTRICAL PANEL SCHEDULE

PANEL: DP-N | LOCATION: | MOUNTING: SURFACE
BUS: 1000 A | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 3/4 | KAIC: 42

DESCRIPTION	A	B	C	BRKR	WIRE	POLE	WIRE	BRKR	A	B	C	DESCRIPTION
	WATTS								WATTS			
PANEL B2	24900			400		1 2		400	29600			PANEL 2-1A
		24900				3 4				30500		
			23700	3P		5 6		3P			28000	
PANEL B-2A	29040			225		7 8		225	47250			PANEL 2-1B
		27800				9 10				47900		
			29400	3P		11 12		3P			38150	
PANEL 2-1C	13880			225		13 14						200 A SPACE
		15480				15 16						
			4800	3P		17 18						
						19 20						
						21 22						
						23 24						
CONNECTED LOAD-WATTS	144670	146580	124050						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	1206	1222	1034						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			1000 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

STATE OF MISSOURI
RICHARD R. BLANCHARD
NUMBER E-29744
PROFESSIONAL ENGINEER
10-30-20

TR¡ ARCHITECTS — ARCHITECT
BOB D CAMPBELL & COMPANY — STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING — CIVIL ENGINEER
BRINKMANN CONSTRUCTORS — GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES — MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES — PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES — ELECTRICAL ENGINEER

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Summit at West Pryor

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DATE: 09.12.19

REVISIONS

1	PERMIT COMMENTS	09.06.19
6	REVISION 1	12.20.19
8	REVISION 3	04.03.20
11	REVISION 6	10-30-20

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

E306

ELECTRICAL SCHEDULES

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LSA PROJECT NO. 1904023

ELECTRICAL PANEL SCHEDULE

PANEL: B2 | LOCATION: | MOUNTING: SURFACE
BUS: 400 A | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 3/4 | KAIC: 10

DESCRIPTION	WATTS A	WATTS B	WATTS C	BRKR	WIRE	POLE	WIRE	BRKR	WATTS A	WATTS B	WATTS C	DESCRIPTION
EUH-B	5100			60	8	1 2		225	1000			PANEL B2A
		5100			8	3 4				1000		
			5100	3P	8	5 6		3P			1000	
EUH-B	5100			60	8	7 8	6	90	5800			EF-G2
		5100			8	9 10	6			5800		
			5100	3P	8	11 12	6	3P			5800	
EUH-B	5100			60	8	13 14	12	20	1200			LIGHTING
		5100			8	15 16	12	20		1200		LIGHTING
			5100	3P	8	17 18	12	20			600	LTS/RECEPTS
RECEPTACLES	600			20	12	19 20	12	20	1000			OHD
RECEPTACLES		600		20	12	21 22	12			1000		
SPARE				20		23 24	12	3P			1000	
SPARE				20		25 26						SPACE
SPARE				20		27 28						SPACE
SPARE				20		29 30						SPACE
SPARE				20		31 32						SPACE
SPARE				20		33 34						SPACE
SPARE				20		35 36						SPACE
SPARE				20		37 38						SPACE
SPARE				20		39 40						SPACE
SPARE				20		41 42						SPACE
CONNECTED LOAD-WATTS	24900	24900	23700						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	208	208	198						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			400 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

ELECTRICAL PANEL SCHEDULE

PANEL: B2A | LOCATION: | MOUNTING: SURFACE
BUS: 225 A | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 3/4 | KAIC: 10

DESCRIPTION	WATTS A	WATTS B	WATTS C	BRKR	WIRE	POLE	WIRE	BRKR	WATTS A	WATTS B	WATTS C	DESCRIPTION
EUH-B	5100			60	8	1 2	12	20	1200			LIGHTING
		5100			8	3 4	8	60		4000		CAR CHARGER
			5100	3P	8	5 6	8	2P			4000	
EUH-B	5100			60	8	7 8	8	60	4000			CAR CHARGER
		5100			8	9 10	8	2P		4000		
			5100	3P	8	11 12	8	60			4000	CAR CHARGER
EUH-B	5100			60	8	13 14	8	2P	4000			
		5100			8	15 16	12	20		1500		EUH-A
			5100	3P	8	17 18	12	2P			1500	
ELEV PIT	200			20	12	19 20	12	20	1200			LIGHTING
SUMP PUMP		600		20	12	21 22	12	20		200		ELEV PIT
EUH-C			1500	20	12	23 24	12	20			600	SUMP PUMP
ELEVATOR LTG	40			20	12	25 26	12	20	600			ELEV PIT
EUH-C		1500		20	12	27 28	12	20		700		LTS/RECEPTS
SPARE				20		29 30	10	30			2500	EUH_B2
SPARE				20		31 32	10	2p	2500			
SPARE				20		33 34						SPACE
SPARE				20		35 36						SPACE
SPARE				20		37 38						SPACE
SPARE				20		39 40						SPACE
SPARE				20		41 42						SPACE
CONNECTED LOAD-WATTS	29040	27800	29400						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	242	232	245						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			225 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

ELECTRICAL PANEL SCHEDULE

PANEL: 2-4A | LOCATION: | MOUNTING: SURFACE
BUS: 225 A | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 3/4 | KAIC: 10

DESCRIPTION	WATTS A	WATTS B	WATTS C	BRKR	WIRE	POLE	WIRE	BRKR	WATTS A	WATTS B	WATTS C	DESCRIPTION
AHU-3/4	4800			50	8	1 2	12	20	400			LTS/RECEPTS
		4800		2P	8	3 4	12	20		1000		LIGHTING
AHU-4/4			4800	50	8	5 6	10	25			1700	CU-3/4
	4800			2P	8	7 8	10	2P	1700			
DSS-4/3		1900		25	10	9 10	10	25		1700		CU-4/4
			1900	2P	10	11 12	10	2P			1700	
CU-1/7	1700			25	10	13 14		20				
		1700		2P	10	15 16	12	20		1000		RECEPTACLES
CU-2/4			1700	25	12	17 18	12	20			1000	RECEPTACLES
	1700			2P	12	19 20		20				
RECEPTACLES		1000		20	12	21 22						SPACE
LIGHTING			1000	20	12	23 24						SPACE
						25 26						SPACE
						27 28						SPACE
						29 30						SPACE
SPARE				20		31 32						SPACE
SPARE				20		33 34						SPACE
SPARE				20		35 36						SPACE
SPARE				20		37 38						SPACE
SPARE				20		39 40						SPACE
SPARE				20		41 42						SPACE
CONNECTED LOAD-WATTS	15100	13100	13800						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	126	109	115						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			125 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

ELECTRICAL PANEL SCHEDULE

PANEL: 2-4B | LOCATION: | MOUNTING: SURFACE
BUS: 225 A | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 3/4 | KAIC: 10

DESCRIPTION	WATTS A	WATTS B	WATTS C	BRKR	WIRE	POLE	WIRE	BRKR	WATTS A	WATTS B	WATTS C	DESCRIPTION
AHU-3/3	4800			50	8	1 2	12	20	1000			LIGHTING
		4800		2P	8	3 4	12	20		1000		LIGHTING
AHU-4/3			4800	50	8	5 6	12	20			400	RECEPTACLES
	4800			2P	8	7 8	12	20	400			RECEPTACLES
CU-4/3		1700		50	8	9 10	12	20		400		ELEVATOR CAR
			1700	2P	10	11 12	12	20			200	HOISTWAY
CU-1/6	1700			25	10	13 14	6	60	4800			ELEVATOR
		1700		2P	10	15 16	6			4800		
						17 18	6	3P			4800	
						19 20	8	50	3100			CU-1/3
CU-2/3		1700		25	10	21 22	8	2P		3100		
			1700	2P	10	23 24	12	20			800	RECEPTACLES
ELEVATOR	4800			50	6	25 26	12	20	800			RECEPTACLES
		4800			6	27 28	12	20		600		RECEPTACLES
			4800	3P	6	29 30	12	20			400	RECEPTACLES
ELEV CAR	400			20	12	31 32	12	20	1500			RECEPTACLES
ELEV HOISTWAY		200		20	12	33 34	12	20		600		RECEPTACLES
RECEPTACLES			800	20		35 36	8	40			3700	RTU-5
RTU-6	3700			40	8	37 38	8		3700			
		3700			8	39 40	8	3P		3700		
			3700	3P	8	41 42						SPACE
RECEPTACLES	400			20	12	43 44	10	25	1700			CU-1/4
RECEPTACLES		400		20	12	45 46	10	2P		1700		
SPARE				20		47 48	12	20			1500	WATER HEATER
SPARE				20		49 50						SPACE
SPARE				20		51 52	12	20		800		RECEPTACLES
SPARE				20		53 54						SPACE
CONNECTED LOAD-WATTS	37600	35700	29300						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	313	298	244						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			300 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

ELECTRICAL PANEL SCHEDULE

PANEL: 2-1A | LOCATION: | MOUNTING: SURFACE
BUS: 400 A | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 3/4 | KAIC: 10

DESCRIPTION	WATTS A	WATTS B	WATTS C	BRKR	WIRE	POLE	WIRE	BRKR	WATTS A	WATTS B	WATTS C	DESCRIPTION
EUH-A	1500			20	12	1 2	12	20	1000			LIGHTING
		1500		2P	12	3 4	12	20		1000		LIGHTING
EUH-B2			2500	30	10	5 6	12	20			1000	LIGHTING
	2500			2P	10	7 8	12	20	600			LTS/RECEPTS
AHU-1/7		4800		50	8	9 10	12	20		600		LTS/RECEPTS
			4800	2P	8	11 12	12	20			600	LTS/RECEPTS
RECEPTACLES	800			20	12	13 14	12	20	500			LTS/RECEPTS
RECEPTACLES		800		20	12	15 16	12	20		600		LTS/RECEPTS
RECEPTACLES			800	20	12	17 18	12	20			500	LTS/RECEPTS
RECEPTACLES	800			20	12	19 20	12	20	1200			EXTERIOR LIGHTING
LTS/RECEPTS		800		20	12	21 22	12	20		1500		EUH-A
OHD			1500	20	12	23 24	12	2P			1500	
AHU-2/4	4800			50	8	25 26	12	20	800			LTS/RECEPTS
		4800		2P	8	27 28	12	20		1000		LIGHTING
LTS/RECEPTS			1000	20	12	29 30						SPACE
SPARE				20		31 32						SPACE
SPARE				20		33 34						SPACE
SPARE				20		35 36						SPACE
SPARE				20		37 38		125	15100			PANEL 2-4A
SPARE				20		39 40				13100		
SPARE				20		41 42		3P			13800	
CONNECTED LOAD-WATTS	29600	30500	28000						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	247	254	233						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			400 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

ELECTRICAL PANEL SCHEDULE

PANEL: 2-1B | LOCATION: | MOUNTING: SURFACE
BUS: 400 A | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 3/4 | KAIC: 10

DESCRIPTION	WATTS A	WATTS B	WATTS C	BRKR	WIRE	POLE	WIRE	BRKR	WATTS A	WATTS B	WATTS C	DESCRIPTION
LTS/RECEPTS	400					1 2	12	20	1000			LIGHTING
AHU-1/6		4800		50	8	3 4	12	20		1000		LIGHTING
			4800	2P	8	5 6	12	20			400	RECEPTACLES
AHU-2/3	4800			50	8	7 8	12	20	800			RECEPTACLES
		4800		2P	8	9 10	12	20		200		RECEPTACLES
RECEPTACLES			800			11 12	10	25			1450	AHU-1/4
COURTYARD	1000			20	12	13 14	10	2P	1450			
COURTYARD		1000		20	12	15 16						
COURTYARD			600	20	12	17 18	12	20				
COURTYARD	200			20	12	19 20	12	20				
COURTYARD		400		20	12	21 22						SPACE
RECEPTACLES			800	20	12	23 24						SPACE
				20	12	25 26						SPACE
				20	12	27 28						SPACE
				20	12	29 30						SPACE
SPARE				20		31 32						SPACE
SPARE				20		33 34						SPACE
SPARE				20		35 36						SPACE
SPARE				20		37 38		300	37600			PANEL 2-4B
SPARE				20		39 40				35700		
SPARE				20		41 42		3P			29300	
CONNECTED LOAD-WATTS	47250	47900	38150						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	394	399	318						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			400 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

ELECTRICAL PANEL SCHEDULE

PANEL: 2-1C | LOCATION: | MOUNTING: SURFACE
BUS: 225 A | MAINS: MLO | VOLTAGE: 120/208 | PHASE/WIRE: 3/4 | KAIC: 10

DESCRIPTION	WATTS A	WATTS B	WATTS C	BRKR	WIRE	POLE	WIRE	BRKR	WATTS A	WATTS B	WATTS C	DESCRIPTION
AHU-1/3	6900			70	6	1 2	12	20	600			LIGHTING
		6900			6	3 4	12	20		800		LTS/RECEPTS
						5	12	20			600	LTS/RECEPTS
						7 8	12	20	600			RECEPTACLES
COURTYARD		400		20	12	9 10	12	20		600		RECEPTACLES
COURTYARD			800	20	12	11 12	12	20			600	RECEPTACLES
COURTYARD	400			20	12	13 14	12	20	600			RECEPTACLES
COURTYARD		400		20	12	15 16	12	20		600		RECEPTACLES
RECEPTACLES			800	20	12	17 18	12	20			600	RECEPTACLES
RECEPTACLES	1000			20	12	19 20	12	20	800			RECEPTACLES
RECEPTACLES		800		20	12	21 22	12	20		800		RECEPTACLES
						23 24	10	20			800	RECEPTACLES
LIGHTING		600		20	12	25 26	10	30	1980			VH-CL2
LIGHTING	1000			20	12	27 28	10	2P		1980		
LIGHTING		1000		20	12	29 30	12	20				
				20		31 32	12	20				
						33 34	12	20				
						35 36						
						37 38						
						39 40						
						41 42						SPACE
CONNECTED LOAD-WATTS	13880	15480	4800						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	116	129	40						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			225 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

RFI-258

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RICHARD R. BEARDMORE
NUMBER A-2004012
PROFESSIONAL ENGINEER
10-30-20

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RENAISSANCE INFRASTRUCTURE CONSULTING — CIVIL ENGINEER
BRINKMANN CONSTRUCTORS — GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES — MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES — PLUMBING ENGINEER
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DATE: 09.12.19

REVISIONS

1	PERMIT COMMENTS	09.06.19
2	REVISION 1	12.20.19
3	REVISION 3	04.03.20
11	REVISION 6	10-30-20

DWG BY RRB

TR.i PROJECT NO. 18-046

SHEET NO.

E307

ELECTRICAL SCHEDULES

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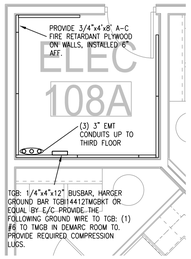
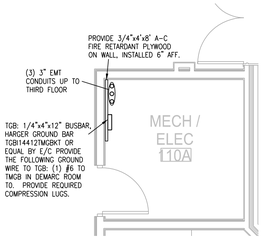
LSA PROJECT NO. 1904023

LEGEND:

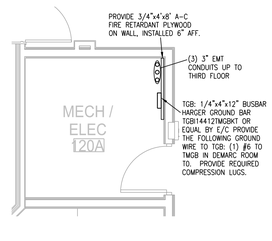
1 (3) 4" EMT CONDUITS BY E/C



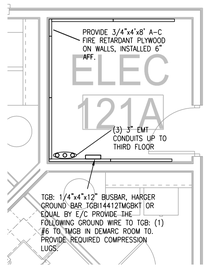
2 PARTIAL FLOOR PLAN
1/4"=1'-0" TELECOM NORTH



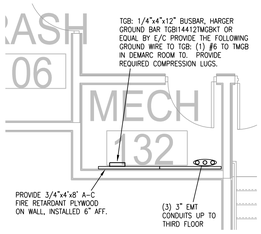
3 PARTIAL FLOOR PLAN
1/4"=1'-0" TELECOM NORTH



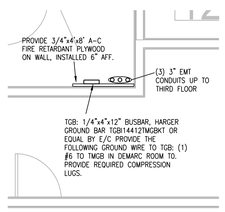
4 PARTIAL FLOOR PLAN
1/4"=1'-0" TELECOM NORTH



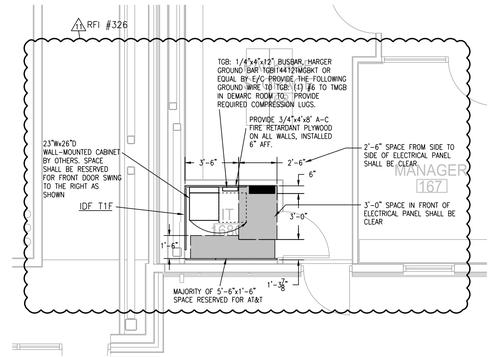
5 PARTIAL FLOOR PLAN
1/4"=1'-0" TELECOM NORTH



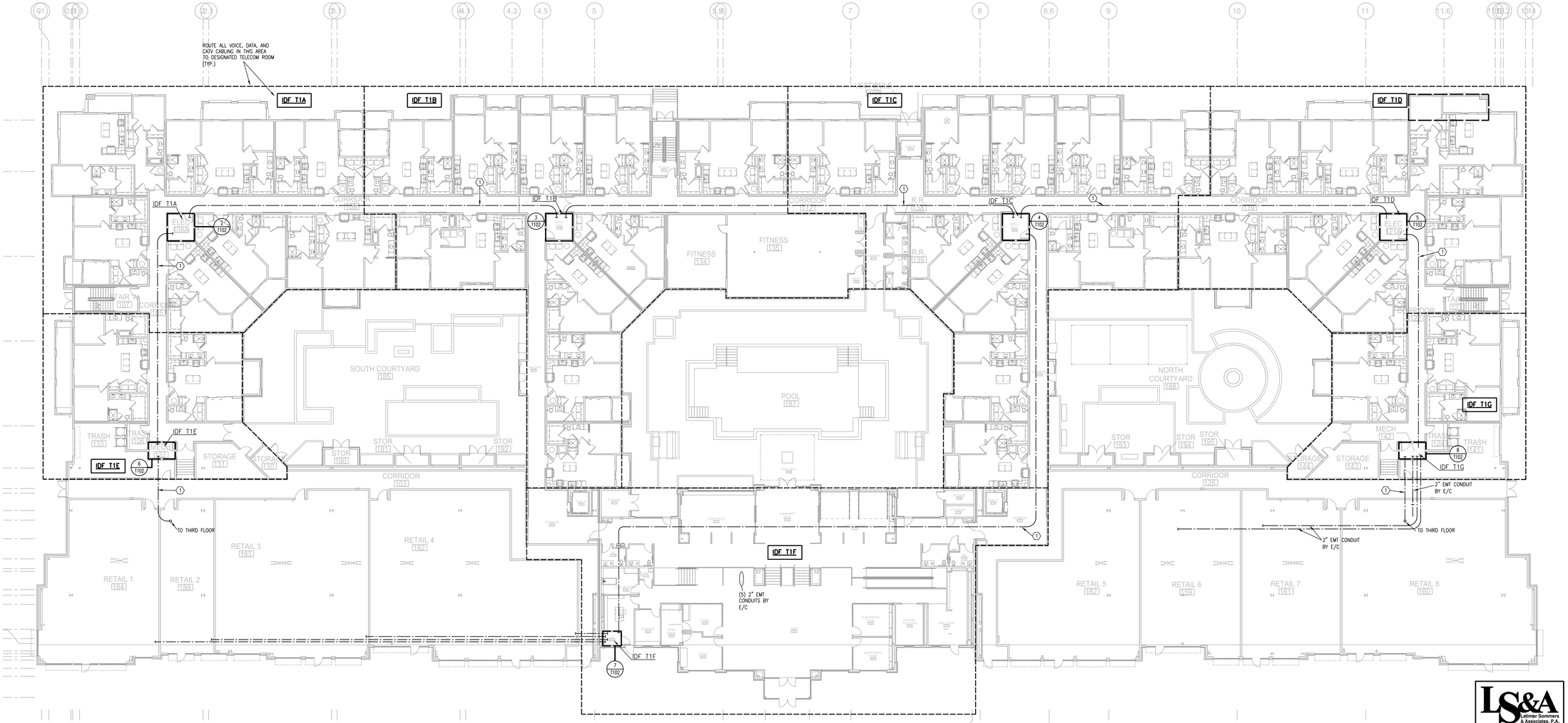
6 PARTIAL FLOOR PLAN
1/4"=1'-0" TELECOM NORTH



8 PARTIAL FLOOR PLAN
1/4"=1'-0" TELECOM NORTH



7 PARTIAL FLOOR PLAN
1/4"=1'-0" TELECOM NORTH



1 FIRST FLOOR PLAN
1/16"=1'-0" TELECOM NORTH

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DATE: 09.12.19

REVISIONS

6	REVISION 1	12.20.19
1 1	REVISION 6	10-30-20

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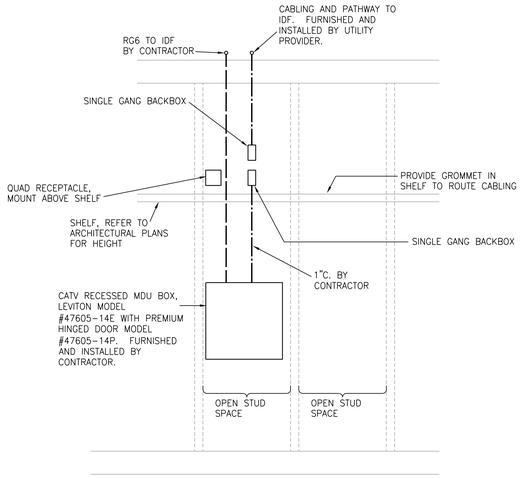
TR¡ PROJECT NO. 18-046

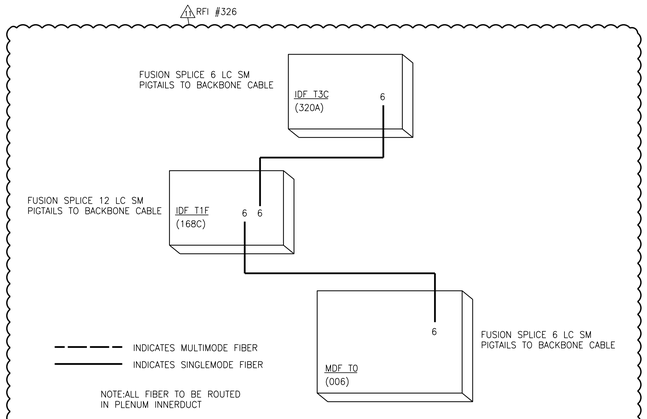
SHEET NO.

T102

FIRST FLOOR PLAN - TELECOM



1 TELE/TV DEMARK FLUSH BOX DETAIL
NO SCALE



2 FIBER BACKBONE CABLE TERMINATION DETAIL
NO SCALE

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REVISIONS 6

1 REVISION 6	10-30-20

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TELECOM DETAILS