SUMMIT
AT WEST PRYOR

940 NW Pryor Road
Lee's Summit, Missouri 64081

PROJECT NO.: 18-046

ISSUE DATE: 4.3.2020 (REVISION 3)

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
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Contact: Rich Beardmore

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

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

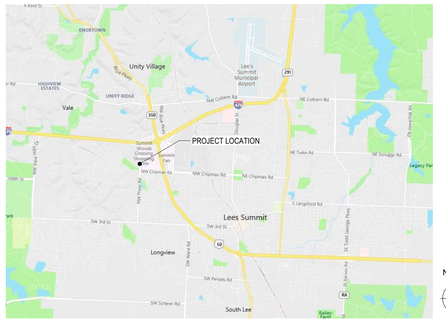
PROJECT DESCRIPTION: 237 Unit development

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.

LOCATION MAP



SEE SHEET A001 FOR DRAWING INDEX

4.3.20

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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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

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

	ARCHITECTURAL	● 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
A000	COVER SHEET	●	○	○	○	○	○	○	○	○
A001	SHEET INDEX	●	●	●	●	●	●	●	●	●
A003	ACCESSIBILITY REQUIREMENTS	●								
A004	ACCESSIBILITY REQUIREMENTS & ADA	●								
A005	SOUND TRANSMISSION ASSEMBLIES	●						●		
A006	LIFE SAFETY PLAN - GARAGE	●	●	●				●	●	
A007	LIFE SAFETY PLAN - FIRST FLOOR	●	●					●	●	
A008	LIFE SAFETY PLAN - SECOND/THIRD FLOOR	●						●	●	
A009	LIFE SAFETY PLAN - FOURTH FLOOR	●						●	●	
A010	LIFE SAFETY PLAN - UNITS	●								
A011	PARTITION TYPES	●						●	●	
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	●								
A052	ADDRESS PLAN - FIRST FLOOR								●	
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	●						●	●	●
A104-E	FOURTH FLOOR PLAN - BLDG. E	●						●	●	
A110	ROOF PLAN	●								
A150	UNIT 'A1' PLANS & ELEVATIONS	●						●		●
A151	UNIT 'A2' PLANS & ELEVATIONS	●						●		●
A152	UNIT 'A3' PLANS & ELEVATIONS	●						●		●
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	●						●		●
A158	UNIT 'D1' PLANS & ELEVATIONS	●						●		●
A159	UNIT 'D2' PLANS & ELEVATIONS	●						●		●
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' & 'H2' PLANS & ELEVATIONS	●						●		●
A170	UNIT DETAILS							●		●
A171	UNIT BATHROOM DETAILS							●		
A201	OVERALL EXTERIOR ELEVATIONS	●						●	●	
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							●		
A220	BALCONY DETAILS	●								
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	●								●
A325	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
S001	GENERAL NOTES	●								
S002	SCHEDULES & CMU DETAILS	●								●
S003	TYPICAL WOOD GRAVITY SCHEDULES & DETAILS	●								
S004	TYPICAL WOOD LATERAL SCHEDULES & DETAILS	●								●
S005	TYPICAL WOOD DETAILS	●								
S006	TYPICAL WOOD DETAILS	●								
S007	TYPICAL WOOD DETAILS	●								
S110	FOUNDATION PLAN	●								
S110B	FOUNDATION PLAN - AREA B	●				●				
S110C/D	FOUNDATION PLAN - AREA C/D	●								
S110E	FOUNDATION- AREA E	●				●				
S111	COMMERCIAL FLOOR FRAMING PLAN	●								
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	●								
S112	FIRST FLOOR FRAMING PLAN	●								
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
ME101	SITE PLAN - MECH/ELEC	●		●						
P101	PARTIAL GARAGE PLAN - BELOW-GRADE PLUMBING	●	●						●	
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	●								
MP102	MECHANICAL DETAILS	●								
MP103	MECHANICAL DETAILS	●								
MP104	MECHANICAL SCHEDULES	●						●		●
E001	SITE PHOTOMETRIC PLAN	●			●					●
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	●	●					●		●
E203	TYPICAL UNIT PLANS - ELECTRICAL	●	●					●		●
E301	ELECTRICAL DETAILS	●								
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	●								

4.3.20

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

DWG BY MKSS

TR.i PROJECT NO. 18-046

SHEET NO.

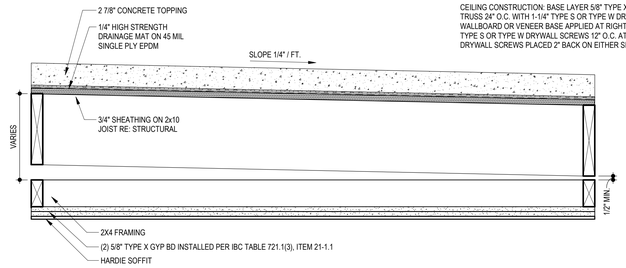
A001

SHEET INDEX

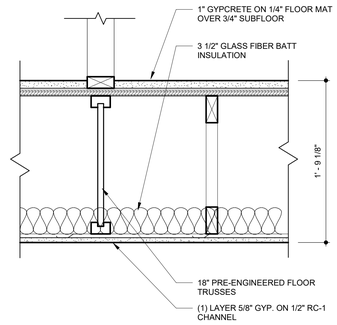
FIRE RATING ACHIEVED BY PRESCRIPTIVE METHOD FOUND IN 2018 IBC TABLE 721.1(3), ITEM 21-1.1

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.

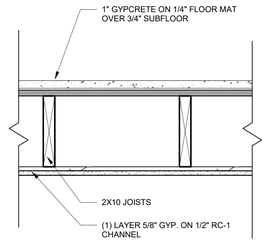
CEILING CONSTRUCTION: BASE LAYER 5/8" TYPE X GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO JOIST OR TRUSS 24" O.C. WITH 1-1/4" TYPE S OR TYPE W DRYWALL SCREWS 24" O.C. FACE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR VENEER BASE APPLIED AT RIGHT ANGLES TO JOIST OR TRUSS THROUGH BASE LAYER WITH 1-7/8" TYPE S 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.



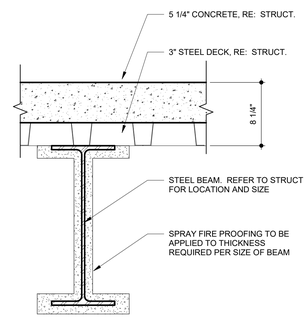
1 WOOD BALCONY ASSEMBLY
SCALE: 1 1/2" = 1'-0"



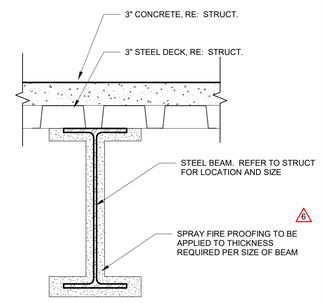
1-HR RATING PER UL DESIGN L521



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

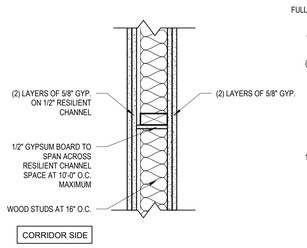


3-HR RATING PER UL DESIGN D916



1-HR RATING PER UL DESIGN 902

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



REFER TO PARTITION TYPES FOR VERTICAL FIRE BLOCKING INFORMATION

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

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DATE: 7.29.19

REVISIONS

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
8	REVISION 3	4.3.2020

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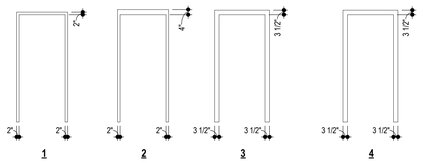
TR¡ PROJECT NO. 18-046

SHEET NO.

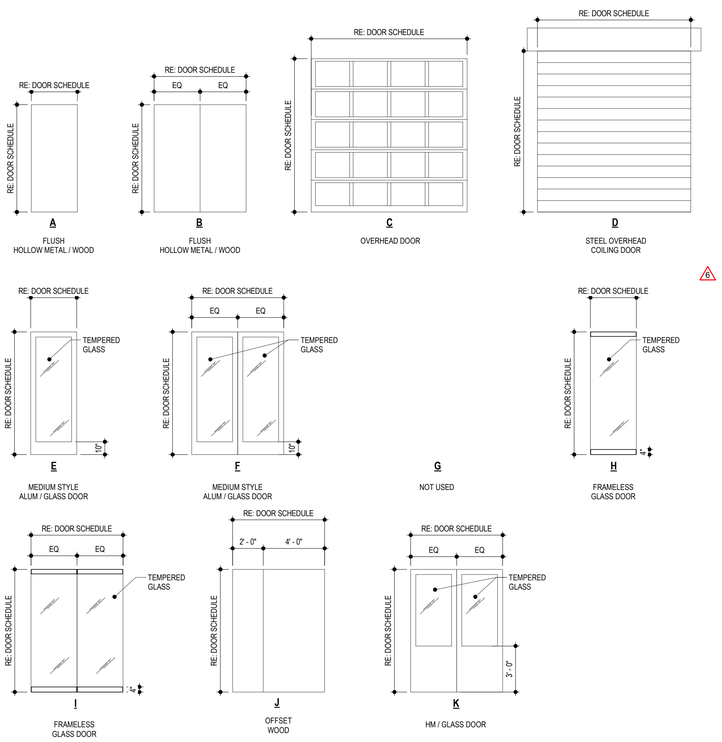
A012

FLOORING ASSEMBLIES

DOOR FRAME TYPES



DOOR TYPES



DOOR SCHEDULE REMARKS

1. (1) 3'-0" AND (1) 2'-4" DOOR.
2. CREATE CORRIDOR ALCOVE. RE: 4/A031
3. CREATE DOOR ALCOVE. RE: 8/A031
4. DOOR TO HAVE ACCESS CONTROL, G.C. TO COORD. W/ OWNER'S VENDOR.
5. DOOR TO BE SMOKE AND DRAFT CONTROL RATED.

DOOR SCHEDULE GARAGE

DOORS								FRAMES					
NO.	TYPE	MAT'L.	WIDTH	HEIGHT	HRDWRE SET	LABEL	REMARKS	TYPE	MAT'L.	HEAD	JAMBS	SILL	LABEL
001A	E	AL/GL	3' - 0"	7' - 0"	A3	-	-	-	AL	MANF	MANF	3/A031	-
003A	A	HM	3' - 0"	7' - 0"	E2	-	-	2	HM	1/A031	2/A031	3/A031	-
003B	M	STL	24' - 0"	8' - 8"	G1	-	-	-	STL	18/A030	19/A030	16/A030	-
003C	D	STL	24' - 0"	8' - 0"	G1	-	-	-	STL	18/A030	19/A030	16/A030	-
003D	A	HM	3' - 0"	7' - 0"	E2	-	-	2	HM	1/A031	2/A031	3/A031	-
004A	A	HM	3' - 0"	7' - 0"	E2	-	-	2	HM	1/A031 SIM	2/A031	3/A031	-
005A	A	HM	3' - 0"	7' - 0"	E2	-	-	2	HM	1/A031 SIM	2/A031	3/A031	-
006A	A	HM	3' - 0"	7' - 0"	E2	-	-	2	HM	1/A031 SIM	2/A031	3/A031	-
007A	A	HM	3' - 0"	7' - 0"	D1	90 MIN	5	2	HM	1/A031 SIM	2/A031	3/A031	90 MIN
013A	A	HM	3' - 0"	7' - 0"	D1	90 MIN	5	2	HM	1/A031 SIM	2/A031	3/A031	90 MIN
020	K	HM	6' - 0"	7' - 0"	I2	-	-	2	HM	6/A031	6/A031	-	-
021	A	HM	3' - 0"	7' - 0"	F2	-	-	2	HM	6/A031	6/A031	-	-
022	A	HM	3' - 0"	7' - 0"	F2	-	-	2	HM	6/A031	6/A031	-	-
023A	A	HM	3' - 0"	7' - 0"	D1	90 MIN	5	2	HM	1/A031 SIM	2/A031	3/A031	90 MIN
024	A	HM	3' - 0"	7' - 0"	F2	-	-	2	HM	6/A031	6/A031	-	-
027A	E	AL/GL	3' - 0"	7' - 0"	A3	-	-	-	AL	MANF	MANF	3/A031	-
040A	A	HM	3' - 0"	7' - 0"	E2	-	-	2	HM	1/A031 SIM	2/A031	3/A031	-

DOOR SCHEDULE FIRST FLOOR

DOORS								FRAMES					
NO.	TYPE	MAT'L.	WIDTH	HEIGHT	HRDWRE SET	LABEL	REMARKS	TYPE	MAT'L.	HEAD	JAMBS	SILL	LABEL
101A	B	WD	6' - 0"	7' - 0"	H2	90 MIN	3, 4, 5	1	HM	6/A031	6/A031	-	90 MIN
103A	E	AL/GL	3' - 0"	7' - 0"	E2	-	-	-	AL	MANF	MANF	3/A031	-
103B	B	HM	6' - 0"	7' - 0"	E1	-	-	2	HM	10/A030	11/A030	3/A031	-
105A	B	HM	6' - 0"	7' - 0"	H5	-	-	1	HM	5/A030	5/A030	3/A031	-
105B	B	WD	6' - 0"	7' - 0"	D3	60 MIN	5	1	HM	6/A031	6/A031	-	60 MIN
106A	A	WD	3' - 0"	7' - 0"	L1	45 MIN	5	-	HM	6/A031	6/A031	-	45 MIN
107A	A	WD	3' - 0"	7' - 0"	I4	90 MIN	5	1	HM	6/A031	6/A031	-	90 MIN
107B	B	HM	6' - 0"	7' - 0"	I5	-	-	2	HM	9/A030	9/A030	3/A031	-
108A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
110A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
111A	E	AL/GL	3' - 0"	7' - 0"	A14	-	-	-	AL	MANF	MANF	3/A031	-
112A	J	WD	5' - 4"	7' - 0"	H2	90 MIN	1, 2, 5	1	HM	6/A031	6/A031	-	90 MIN
112B	J	WD	5' - 4"	7' - 0"	H2	90 MIN	1, 2, 5	1	HM	6/A031	6/A031	-	90 MIN
112C	A	HM	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
113A	A	WD	3' - 0"	7' - 0"	I4	90 MIN	5	1	HM	6/A031	6/A031	-	90 MIN
113B	B	HM	6' - 0"	7' - 0"	I5	-	-	2	HM	5/A030	5/A030	3/A031	-
118B	F	AL/GL	6' - 0"	7' - 0"	A12	-	-	-	AL	MANF	MANF	3/A031	-
120A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
121A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
122A	B	HM	6' - 0"	7' - 0"	H5	-	-	1	HM	5/A030	5/A030	3/A031	-
122B	B	WD	6' - 0"	7' - 0"	D3	60 MIN	5	1	HM	6/A031	6/A031	-	60 MIN
123A	A	WD	3' - 0"	7' - 0"	I4	90 MIN	5	1	HM	6/A031	6/A031	-	90 MIN
123B	B	HM	6' - 0"	7' - 0"	I5	-	-	2	HM	9/A030	9/A030	3/A031	-
124A	A	WD	3' - 0"	7' - 0"	L1	45 MIN	5	1	HM	6/A031	6/A031	-	45 MIN
126A	E	AL/GL	3' - 0"	7' - 0"	E2	-	-	-	AL	MANF	MANF	3/A031	-
126B	B	HM	6' - 0"	7' - 0"	E1	-	-	2	HM	10/A030	11/A030	3/A031	-
127A	B	WD	6' - 0"	7' - 0"	H2	90 MIN	3, 4, 5	1	HM	6/A031	6/A031	-	90 MIN
129A	E	AL/GL	3' - 0"	7' - 0"	A14	-	-	-	AL	MANF	MANF	3/A031	-
130A	B	HM	6' - 0"	7' - 0"	F1	-	-	1	HM	17/A030	17/A030	3/A031	-
131A	A	HM	3' - 0"	7' - 0"	F1	-	-	1	HM	5/A030	5/A030	3/A031	-
132A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
133A	A	HM	3' - 0"	7' - 0"	F2	90 MIN	-	1	HM	6/A031	6/A031	-	90 MIN
133B	D	STL	10' - 0"	10' - 6"	-	-	-	-	STL	14/A030	15/A030	16/A030	-
134A	H	AL/GL	3' - 0"	7' - 0"	A16	-	-	-	AL	MANF	MANF	11/A031	-
135A	I	AL/GL	6' - 0"	7' - 0"	A15	-	-	-	AL	MANF	MANF	11/A031	-
135B	A	WD	3' - 0"	7' - 0"	F2	45 MIN	4	2	HM	6/A031	6/A031	3/A031	45 MIN
137A	F	AL/GL	6' - 0"	7' - 0"	A18	-	-	-	AL	MANF	MANF	3/A031	-
137B	B	WD	6' - 0"	7' - 0"	H2	45 MIN	5	1	HM	6/A031	6/A031	-	45 MIN
138	A	WD	3' - 0"	7' - 0"	M1	-	-	1	HM	6/A031	6/A031	-	-
139	A	WD	3' - 0"	7' - 0"	M1	-	-	1	HM	6/A031	6/A031	-	-
141A	A	HM	3' - 0"	7' - 0"	F2	90 MIN	-	1	HM	6/A031	6/A031	-	90 MIN
141B	D	STL	10' - 0"	10' - 6"	-	-	-	-	STL	14/A030	15/A030	16/A030	-
142A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
143A	A	HM	3' - 0"	7' - 0"	F1	-	-	1	HM	5/A030	5/A030	3/A031	-
144A	B	HM	6' - 0"	7' - 0"	F1	-	-	1	HM	17/A030	17/A030	3/A031	-
159A	E	AL/GL	3' - 0"	7' - 0"	A8	-	-	-	AL	MANF	MANF	3/A031	-
159B	A	WD	3' - 6"	7' - 0"	E3	-	-	1	HM	6/A031	6/A031	-	-
160A	E	AL/GL	3' - 0"	7' - 0"	A8	-	-	-	AL	MANF	MANF	3/A031	-
160B	E	AL/GL	3' - 0"	7' - 0"	A8	-	-	-	AL	MANF	MANF	3/A031	-
160C	A	WD	3' - 6"	7' - 0"	E3	-	-	1	HM	6/A031	6/A031	-	-
161A	E	AL/GL	3' - 0"	7' - 0"	A8	-	-	-	AL	MANF	MANF	3/A031	-
161A	A	WD	3' - 6"	7' - 0"	E3	-	-	1	HM	6/A031	6/A031	-	-
161B	A	WD	3' - 6"	7' - 0"	E3	-	-	1	HM	6/A031	6/A031	-	-
162B	E	AL/GL	3' - 0"	7' - 0"	A8	-	-	-	AL	MANF	MANF	3/A031	-
162C	A	WD	3' - 6"	7' - 0"	E3	-	-	1	HM	6/A031	6/A031	-	-
162C	A	WD	3' - 6"	7' - 0"	E3	-	-	1	HM	6/A031	6/A031	-	-
163A	F	AL/GL	6' - 0"	8' - 0"	A12	-	-	-	AL	MANF	MANF	3/A031	-
163B	F	AL/GL	6' - 0"	8' - 0"	A11	-	-	-	AL	MANF	MANF	3/A031	-
163C	E	AL/GL	3' - 0"	7' - 0"	A14	-	-	-	AL	MANF	MANF	3/A031	-
163D	E	AL/GL	3' - 0"	7' - 0"	A14	-	-	-	AL	MANF	MANF	3/A031	-
164	H	AL/GL	3' - 0"	7' - 11"	G2	-	-	-	AL	MANF	MANF	11/A031	-
164A	A	WD	3' - 0"	7' - 0"	I2	-	-	1	HM	6/A031	6/A031	3/A031	-
165	H	AL/GL	3' - 0"	7' - 11"	G2	-	-	-	AL	MANF	MANF	11/A031	-
165A	A	WD	3' - 0"	7' - 0"	I2	-	-	1	HM	6/A031	6/A031	3/A031	-
167	H	AL/GL	3' - 0"	7' - 11"	G2	-	-	-	AL	MANF	MANF	11/A031	-
168	A	WD	3' - 0"	7' - 0"	I2	-	-	1	HM	6/A031	6/A031	3/A031	-
168A	E	AL/GL	3' - 0"	7' - 0"	A8	-	-	-	AL	MANF	MANF	3/A031	-
168B	A	WD	3' - 0"	7' - 0"	F7	-	-	1	HM	6/A031	6/A031	3/A031	-
169	H	AL/GL	3' - 0"	7' - 0"	G2	-	-	-	AL	MANF	MANF	11/A031	-
170	A	WD	3' - 0"	7' - 0"	F7	-	-	1	HM	6/A031	6/A031	3/A031	-
171A	A	WD	3' - 0"	7' - 0"	M1	-	-	1	HM	6/A031	6/A031	3/A031	-
171B	A	WD	3' - 0"	7' - 0"	M1	-	-	1	HM	6/A031	6/A031	3/A031	-
172A	B	HM	6' - 0"	7' - 0"	F1	-	-	1	HM	1/A030	1/A030	3/A031	-
174A	F	AL/GL	6' - 0"	7' - 0"	A17	-	-	-	AL	MANF	MANF	3/A031	-
175A	C	AL/GL	10' - 0"	10' - 0"	-	-	-	-	AL	-	-	16/A030	-
175B	C	AL/GL	10' - 0"	10' - 0"	-	-	-	-	AL	-	-	16/A030	-
176A	A	HM	3' - 0"	7' - 0"	F1	-	4	1	HM	1/A030	1/A030	3/A031	-
176B	A	WD	3' - 0"	7' - 0"	J1	-	-	1	HM	6/A031	6/A031	-	-
177A	A	WD	3' - 0"	7' - 0"	M1	-	-	1	HM	6/A031	6/A031	3/A031	-
177B	A	WD	3' - 0"	7' - 0"	M1	-	-	1	HM	6/A031	6/A031	3/A031	-
177C	A	WD	3' - 0"	7' - 0"	F7	-	-	1	HM	6/A031	6/A031	3/A031	-
178A	E	AL/GL	3' - 0"	7' - 0"	A8	-	-	-	AL	MANF	MANF	3/A031	-
180	H	AL/GL	3' - 0"	7' - 11"	G2	-	-	-	AL	MANF	MANF	11/A031	-
181	H	AL/GL	3' - 0"	7' - 11"	G2	-	-	-	AL	MANF	MANF	11/A031	-
182A	E	AL/GL	3' - 0"	7' - 0"	A8	-	-	-	AL	MANF	MANF	3/A031	-
182B	E	AL/GL	3' - 0"	7' - 0"	A8	-	-	-	AL	MANF	MANF	3/A031	-
182C	A	WD	3' - 6"	7' - 0"	E3	-	-	1	HM	6/A031	6/A031	-	-
183A	E	AL/GL	3' - 0"	7' - 0"	A8	-	-	-	AL	MANF	MANF	3/A031	-
183B	A	WD	3' - 6"	7' - 0"	E3	-	-	1	HM	6/A031	6/A031	-	-
184B	E	AL/GL	3' - 0"	7' - 0"	A8	-	-	-	AL	MANF	MANF	3/A031	-
184C	A	WD	3' - 6"	7' - 0"	E3	-	-	1	HM	6/A031	6/A031	-	-
189A	E	AL/GL	3' - 0"	7' - 0"	A8	-	-	-	AL	MANF	MANF	3/A031	-
189B	A	WD	3' - 6"	7' - 0"	E3	-	-	1	HM	6/A031	6/A031	-	-
190A	B	HM	6' - 0"	7' - 0"	F1	-	-	2	HM	9/A030	9/A030	3/A031	-
191A	B	HM	6' - 0"	7' - 0"	F1	-	-	2	HM	5/A030	5/A030	3/A031	-
192A	B	HM	6' - 0"	7' - 0"	F1	-	-	2	HM	5/A030	5/A030	3/A031	-
193A	B	HM	6' - 0"	7' - 0"	F1	-	-	2	HM	5/A030	5/A030	3/A031	-
194A	B	HM	6' - 0"	7' - 0"	F1	-	-	2	HM	5/A030	5/A030	3/A031	-
195A	B	HM	6' - 0"	7' - 0"	F1	-	-	2	HM	9/A030	9/A030	3/A031	-

DOOR SCHEDULE SECOND FLOOR

DOORS								FRAMES					
NO.	TYPE	MAT'L.	WIDTH	HEIGHT	HRDWRE SET	LABEL	REMARKS	TYPE	MAT'L.	HEAD	JAMBS	SILL	LABEL
204A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
206A	A	WD	3' - 0"	7' - 0"	L1	45 MIN	5	1	HM	6/A031	6/A031	-	45 MIN
206B	A	WD	3' - 0"	7' - 0"	F5	45 MIN	-	1	HM	6/A031	6/A031	-	45 MIN
207A	A	WD	3' - 0"	7' - 0"	I4	90 MIN	5	1	HM	6/A031	6/A031	-	90 MIN
208A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
210A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
212A	J	WD	5' - 4"	7' - 0"	H2	90 MIN	1, 2, 5	1	HM	6/A031	6/A031	-	90 MIN
212B	J	WD	5' - 4"	7' - 0"	H2	90 MIN	1, 2, 5	1	HM	6/A031	6/A031	-	90 MIN
213A	A	WD	3' - 0"	7' - 0"	I4	90 MIN	5	1	HM	6/A031	6/A031	-	90 MIN
220A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
221A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
223A	A	WD	3' - 0"	7' - 0"	I4	90 MIN	5	1	HM	6/A031	6/A031	-	90 MIN
224A	A	WD	3' - 0"	7' - 0"	L1	45 MIN	5	1	HM	6/A031	6/A031	-	45 MIN
224B	A	WD	3' - 0"	7' - 0"	F5	45 MIN	-	1	HM	6/A031	6/A031	-	45 MIN
225A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN

DOOR SCHEDULE THIRD FLOOR

DOORS								FRAMES					
NO.	TYPE	MAT'L.	WIDTH	HEIGHT	HRDWRE SET	LABEL	REMARKS	TYPE	MAT'L.	HEAD	JAMBS	SILL	LABEL
301A	B	WD	6' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
304A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
306A	A	WD	3' - 0"	7' - 0"	L1	45 MIN	5	1	HM	6/A031	6/A031	-	45 MIN
306B	A	WD	3' - 0"	7' - 0"	F5	45 MIN	-	1	HM	6/A031	6/A031	-	45 MIN
307A	A	WD	3' - 0"	7' - 0"	I4	90 MIN	5	1	HM	6/A031	6/A031	-	90 MIN
308A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
310A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
312A	J	WD	5' - 4"	7' - 0"	H2	90 MIN	1, 2	1	HM	6/A031	6/A031	-	90 MIN
312B	J	WD	5' - 4"	7' - 0"	H2	90 MIN	1, 2	1	HM	6/A031	6/A031	-	90 MIN
313A	A	WD	3' - 0"	7' - 0"	I4	90 MIN	5	1	HM	6/A031	6/A031	-	90 MIN
320A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
321A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
323A	A	WD	3' - 0"	7' - 0"	I4	90 MIN	5	1	HM	6/A031	6/A031	-	90 MIN
324A	A	WD	3' - 0"	7' - 0"	L1	45 MIN	5	1	HM	6/A031	6/A031	-	45 MIN
324B	A	WD	3' - 0"	7' - 0"	F5	45 MIN	-	1	HM	6/A031	6/A031	-	45 MIN
325A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
327A	B	WD	6' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN

DOOR SCHEDULE FOURTH FLOOR

DOORS								FRAMES					
NO.	TYPE	MAT'L.	WIDTH	HEIGHT	HRDWRE SET	LABEL	REMARKS	TYPE	MAT'L.	HEAD	JAMBS	SILL	LABEL
404A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
406A	A	WD	3' - 0"	7' - 0"	L1	45 MIN	5	1	HM	6/A031	6/A031	-	45 MIN
406B	A	WD	3' - 0"	7' - 0"	F5	45 MIN	-	1	HM	6/A031	6/A031	-	45 MIN
407A	A	WD	3' - 0"	7' - 0"	I4	90 MIN	5	1	HM	6/A031	6/A031	-	90 MIN
408A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
410A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
412A	J	WD	5' - 4"	7' - 0"	H2	90 MIN	1, 2	1	HM	6/A031	6/A031	-	90 MIN
412B	J	WD	5' - 4"	7' - 0"	H2	90 MIN	1, 2	1	HM	6/A031	6/A031	-	90 MIN
413A	A	WD	3' - 0"	7' - 0"	I4	90 MIN	5	1	HM	6/A031	6/A031	-	90 MIN
414A	E	AL/GL	2' - 9"	7' - 0"	A14	-	-	-	AL	5/A030 SIM	5/A030 SIM	3/A031	-
415A	A	WD	3' - 0"	7' - 0"	M1	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
416A	A	WD	3' - 0"	7' - 0"	M1	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
417A	B	WD	6' - 0"	7' - 0"	D3	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
417B	A	WD	3' - 0"	7' - 0"	D4	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
417C	F	AL/GL	6' - 0"	7' - 0"	A7	-	-	-	AL	5/A030 SIM	5/A030 SIM	3/A031	-
420A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
421A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN
423A	A	WD	3' - 0"	7' - 0"	I4	90 MIN	5	1	HM	6/A031	6/A031	-	90 MIN
424A	A	WD	3' - 0"	7' - 0"	L1	45 MIN	5	1	HM	6/A031	6/A031	-	45 MIN
424B	A	WD	3' - 0"	7' - 0"	F5	45 MIN	-	1	HM	6/A031	6/A031	-	45 MIN
425A	A	WD	3' - 0"	7' - 0"	F2	20 MIN	5	1	HM	6/A031	6/A031	-	20 MIN

7 SHADED DOORS HAVE BEEN ADDED OR UPDATED. THEY ARE SHADED INSTEAD OF CLOUDED FOR CLARITY.

4.3.20

ARCHITECT
TR¡ ARCHITECTS

STRUCTURAL ENGINEER
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CIVIL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING

GENERAL CONTRACTOR
BRINKMANN CONSTRUCTORS

MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES

PLUMBING ENGINEER
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DATE: 7.29.19

REVISIONS

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020

DWG BY MKSS

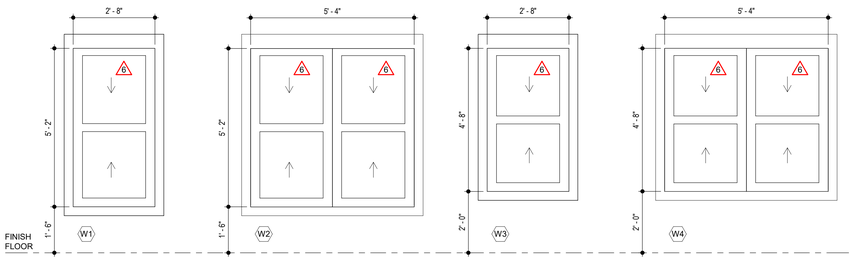
TR¡ PROJECT NO. 18-046

SHEET NO.

A013

DOOR SCHEDULE & TYPICAL DETAILS

WINDOW ELEVATIONS



GENERAL NOTES WINDOWS

A. G.C. TO VERIFY ALL DIMENSIONS.

B. SAFETY GLAZING TO BE PROVIDED IN ALL LOCATIONS REQUIRED BY 2018 INTERNATIONAL BUILDING CODE, SECTION 2406.

C. ANY GLAZING ADJACENT TO DOORS AND/OR IN CURTAIN WALL SYSTEM LABELED "T" FOR TEMPERED GLASS AND GREATER THAN NINE (9) SQUARE FEET TO BE SAFETY GLASS CATEGORY 2. ANY GLAZING ADJACENT TO DOORS AND/OR IN CURTAINWALL SYSTEM LABELED "T" FOR TEMPERED GLASS NINE (9) SQUARE FEET OR LESS SHALL BE SAFETY GLASS CATEGORY 1.

6

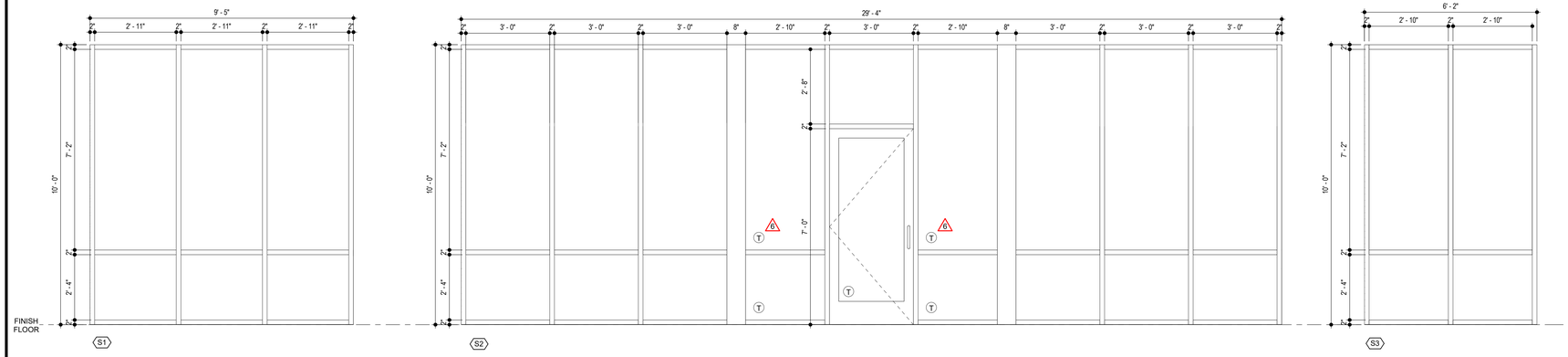
D. 4" RESTRICTOR ON BOTTOM OF DOUBLE HUNG WINDOWS.

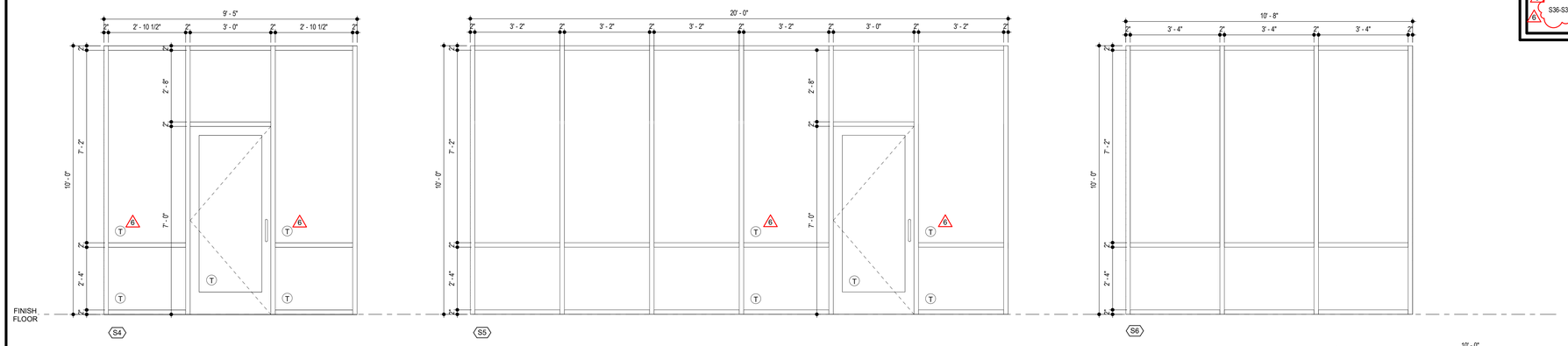
WINDOW SCHEDULE

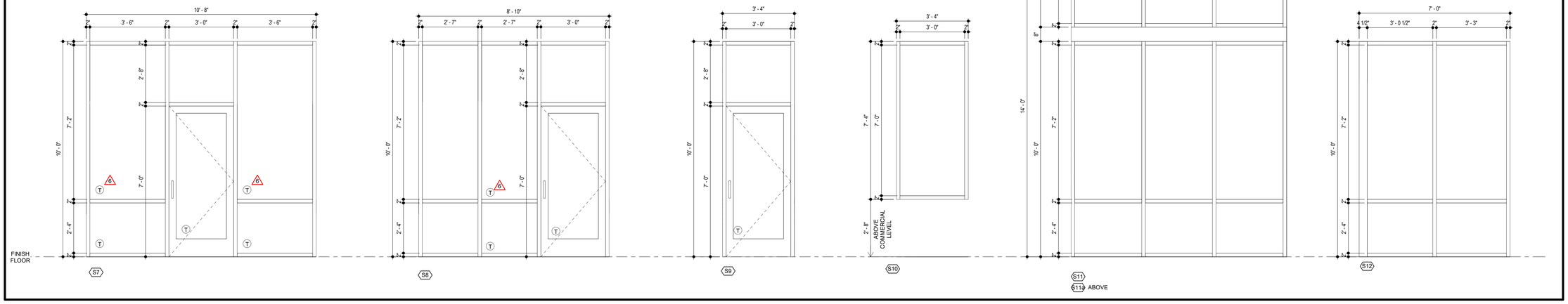
TYPE	HEIGHT	WIDTH	FRAME MATERIAL	COMMENTS
W1	5' - 2"	2' - 8"	ALUMINUM	DOUBLE HUNG
W2	5' - 2"	5' - 4"	ALUMINUM	DOUBLE HUNG
W3	4' - 8"	2' - 8"	ALUMINUM	DOUBLE HUNG
W4	4' - 8"	5' - 4"	ALUMINUM	DOUBLE HUNG

6

STOREFRONT ELEVATIONS







STOREFRONT SCHEDULE

TYPE	LOCATION	HEIGHT	LENGTH	COMMENTS
S1	RETAIL	10' - 0"	9' - 5"	
S2	RETAIL	10' - 0"	29' - 4"	
S3	RETAIL	10' - 0"	6' - 2"	
S4	RETAIL	10' - 0"	9' - 5"	
S5	RETAIL	10' - 0"	20' - 0"	
S6	RETAIL	10' - 0"	10' - 8"	
S7	RETAIL	10' - 0"	10' - 8"	
S8	RETAIL	10' - 0"	8' - 10"	
S9	LEASING OFFICE	10' - 0"	3' - 4"	
S10	LEASING OFFICE	7' - 4"	3' - 4"	
S11	LEASING OFFICE	10' - 0"	10' - 0"	
S11a	LEASING OFFICE	3' - 4"	10' - 0"	
S12	LEASING OFFICE	10' - 0"	7' - 0"	
S13	LEASING OFFICE	10' - 0"	17' - 5"	
S14	LEASING OFFICE	10' - 0"	16' - 8"	
S15	LEASING OFFICE	2' - 4"	16' - 8"	
S16	LEASING OFFICE	7' - 8"	16' - 8"	
S17	RETAIL	10' - 0"	20' - 0"	
S18	LEASING OFFICE	7' - 8"	64' - 8"	
S19	LEASING OFFICE	10' - 0"	13' - 4"	
S20	LEASING OFFICE	9' - 4"	24' - 0"	
S21	LEASING OFFICE	10' - 0"	13' - 4"	
S22	LEASING OFFICE	12' - 9"	16' - 8"	
S22a	LEASING OFFICE	10' - 0"	16' - 8"	
S23	FITNESS	6' - 8"	5' - 4"	
S24	FITNESS	8' - 0"	7' - 6"	
S25	FITNESS	8' - 0"	20' - 0"	
S26	FITNESS	8' - 8"	6' - 4"	
S27	COURTYARD	9' - 0"	8' - 8"	
S28	ROOF TOP PATIO	7' - 2"	6' - 0"	
S29	ROOF TOP PATIO	7' - 2"	6' - 4"	
S29a	ROOF TOP PATIO	7' - 2"	6' - 0"	
S30	GARAGE VESTIBULE	7' - 9"	2' - 6"	
S31	GARAGE VESTIBULE	7' - 9"	8' - 9 1/2"	
S32	GARAGE VESTIBULE	7' - 9"	12' - 3 1/4"	
S33	GARAGE VESTIBULE	7' - 9"	8' - 5"	
S34	GARAGE VESTIBULE	7' - 9"	8' - 9 1/2"	
S35	ELEVATOR VESTIBULE	8' - 6"	6' - 4"	7
S39	ROOF TOP PATIO	7' - 2"	5' - 0"	7
S40	ROOF TOP PATIO	8' - 0"	8' - 4"	7

6 S36-S38 REMOVED FROM PROJECT

7

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

4.3.20

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DATE: 7.29.19

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

DWG BY MKSS

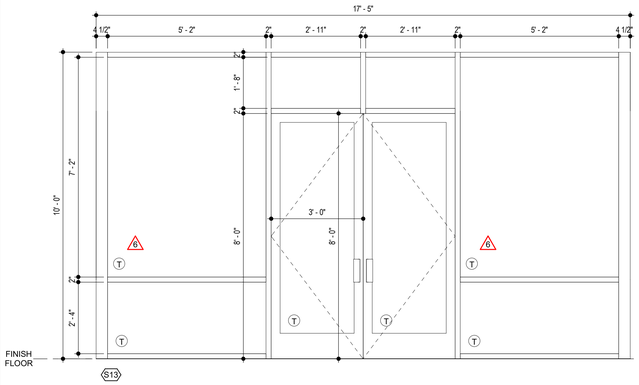
TR¡ PROJECT NO. 18-046

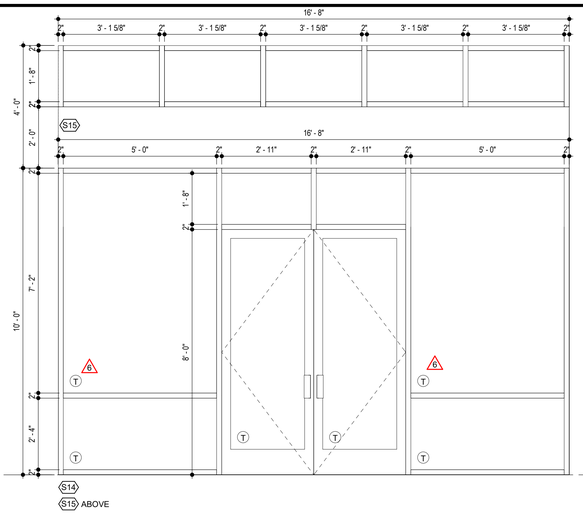
SHEET NO.

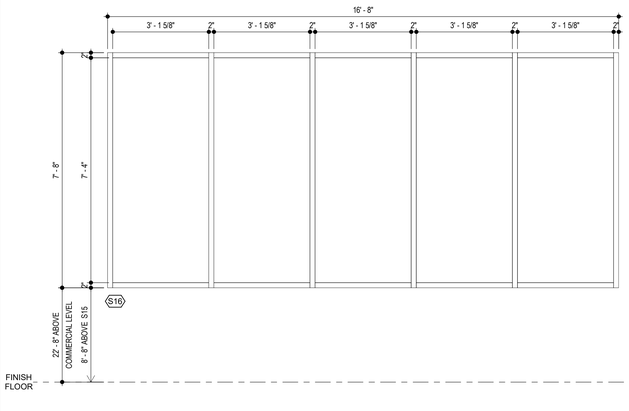
A014

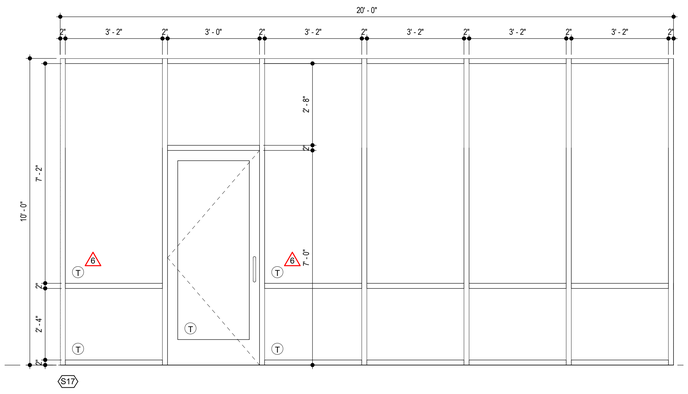
WINDOW AND STOREFRONT SCHEDULE

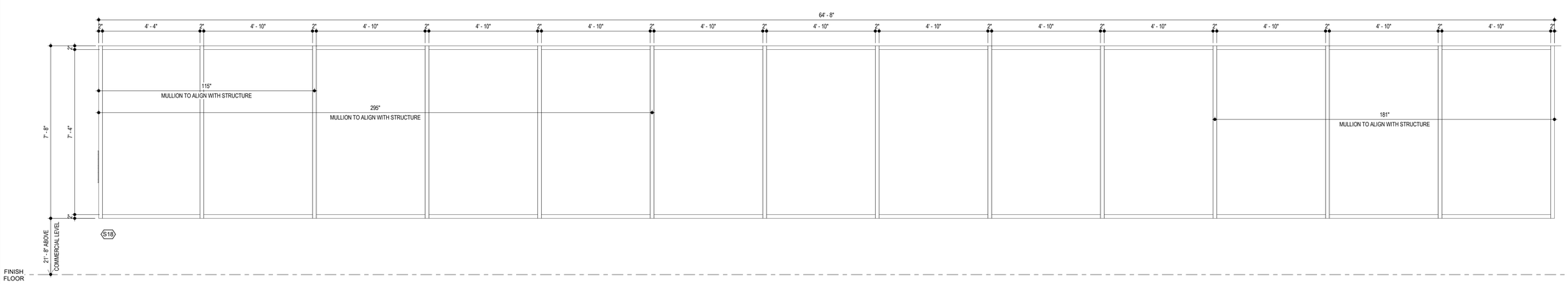
STOREFRONT ELEVATIONS

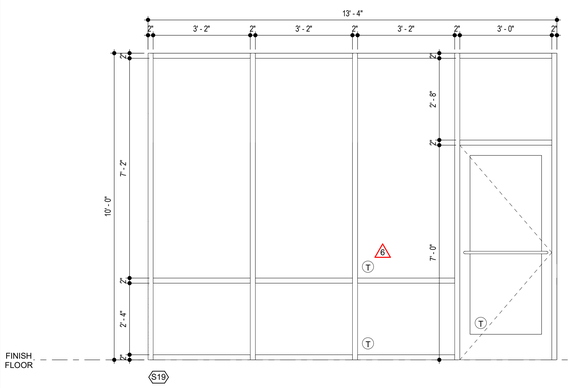


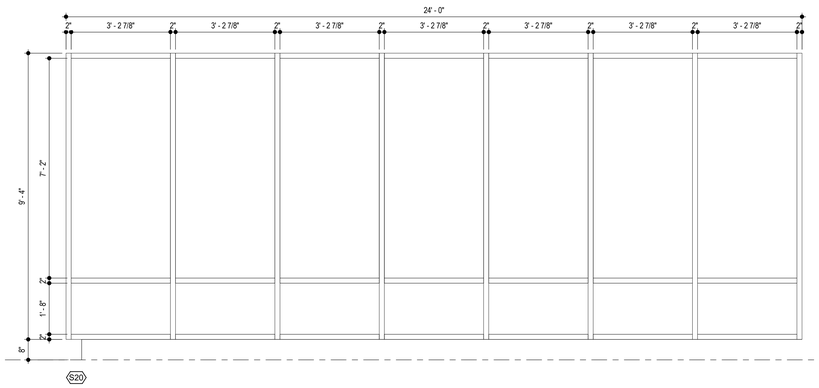


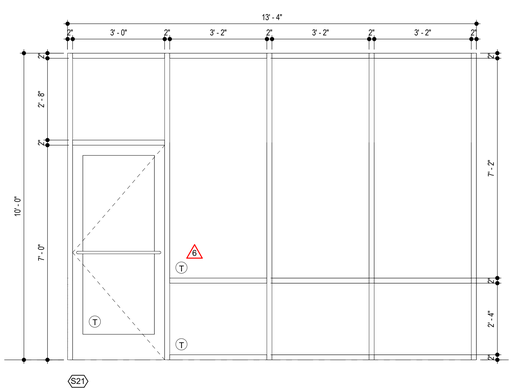












STOREFRONT SCHEDULE

TYPE	LOCATION	HEIGHT	LENGTH	COMMENTS
S1	RETAIL	10' - 0"	9' - 5"	
S2	RETAIL	10' - 0"	29' - 4"	
S3	RETAIL	10' - 0"	6' - 2"	
S4	RETAIL	10' - 0"	9' - 5"	
S5	RETAIL	10' - 0"	20' - 0"	
S6	RETAIL	10' - 0"	10' - 8"	
S7	RETAIL	10' - 0"	10' - 8"	
S8	RETAIL	10' - 0"	8' - 10"	
S9	LEASING OFFICE	10' - 0"	3' - 4"	
S10	LEASING OFFICE	7' - 4"	3' - 4"	
S11	LEASING OFFICE	10' - 0"	10' - 0"	
S11a	LEASING OFFICE	9' - 4"	10' - 0"	
S12	LEASING OFFICE	10' - 0"	7' - 0"	
S13	LEASING OFFICE	10' - 0"	17' - 5"	
S14	LEASING OFFICE	10' - 0"	16' - 8"	
S15	LEASING OFFICE	2' - 4"	16' - 8"	
S16	LEASING OFFICE	7' - 8"	16' - 8"	
S17	RETAIL	10' - 0"	20' - 0"	
S18	LEASING OFFICE	7' - 8"	64' - 8"	
S19	LEASING OFFICE	10' - 0"	13' - 4"	
S20	LEASING OFFICE	9' - 4"	24' - 0"	
S21	LEASING OFFICE	10' - 0"	13' - 4"	
S22	LEASING OFFICE	12' - 9"	16' - 8"	
S22a	LEASING OFFICE	10' - 0"	16' - 8"	
S23	FITNESS	6' - 8"	5' - 4"	
S24	FITNESS	8' - 0"	7' - 6"	
S25	FITNESS	8' - 0"	20' - 0"	
S26	FITNESS	8' - 8"	6' - 4"	
S27	COURTYARD	9' - 0"	8' - 8"	
S28	ROOF TOP PATIO	7' - 2"	6' - 0"	
S29	ROOF TOP DP PATIO	7' - 2"	6' - 4"	
S29a	ROOF TOP PATIO	7' - 2"	6' - 0"	
S30	GARAGE VESTIBULE	7' - 9"	2' - 6"	
S31	GARAGE VESTIBULE	7' - 9"	8' - 9 1/2"	
S32	GARAGE VESTIBULE	7' - 9"	12' - 3 1/4"	
S33	GARAGE VESTIBULE	7' - 9"	8' - 5"	
S34	GARAGE VESTIBULE	7' - 9"	8' - 9 1/2"	
S35	ELEVATOR VESTIBULE	8' - 6"	6' - 4"	7
S39	ROOF TOP PATIO	7' - 2"	5' - 0"	7
S40	ROOF TOP PATIO	8' - 0"	8' - 4"	7

6 S36-S38 REMOVED FROM PROJECT 6

GENERAL NOTES WINDOWS

A. G.C. TO VERIFY ALL DIMENSIONS.

B. SAFETY GLAZING TO BE PROVIDED IN ALL LOCATIONS REQUIRED BY 2018 INTERNATIONAL BUILDING CODE, SECTION 2406.

C. ANY GLAZING ADJACENT TO DOORS AND/OR IN CURTAIN WALL SYSTEM LABELED "T" FOR TEMPERED GLASS AND GREATER THAN NINE (9) SQUARE FEET TO BE SAFETY GLASS CATEGORY 2. ANY GLAZING ADJACENT TO DOORS AND/OR IN CURTAINWALL SYSTEM LABELED "T" FOR TEMPERED GLASS NINE (9) SQUARE FEET OR LESS SHALL BE SAFETY GLASS CATEGORY 1. 6

D. 4" RESTRICTOR ON BOTTOM OF DOUBLE HUNG WINDOWS.

4.3.20

TR¡ ARCHITECTS — ARCHITECT
BOB D CAMPBELL & COMPANY — STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING — CIVIL ENGINEER
BRINKMANN CONSTRUCTORS — GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES — MECHANICAL ENGINEER
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REVISIONS 8

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020

DWG BY MKSS

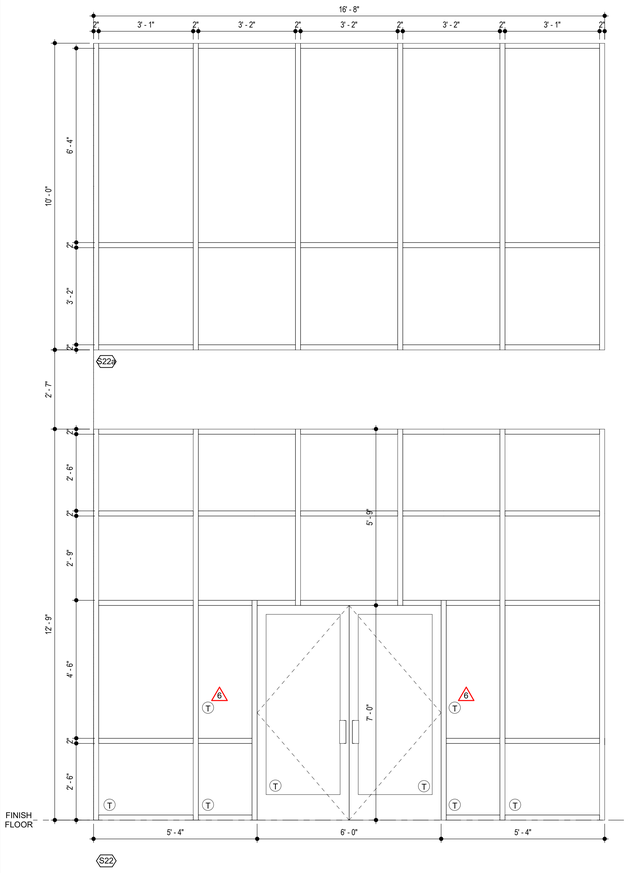
TR¡ PROJECT NO. 18-046

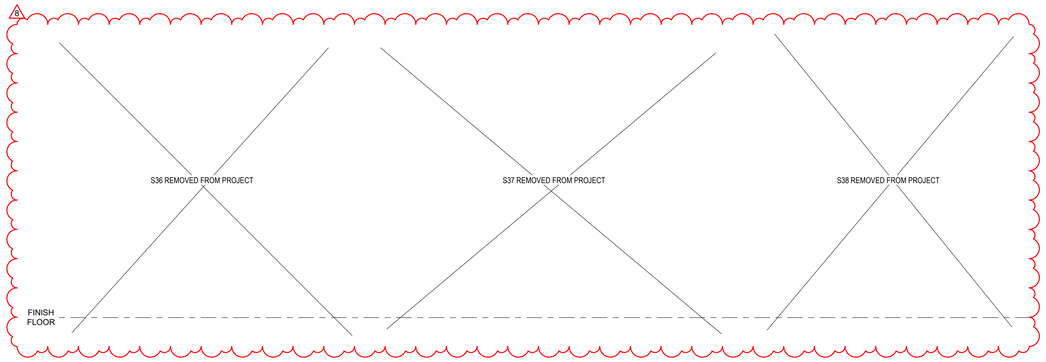
SHEET NO.

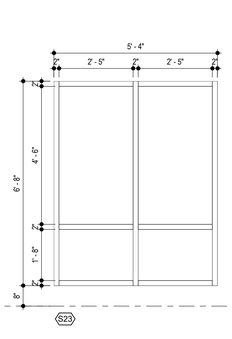
A015

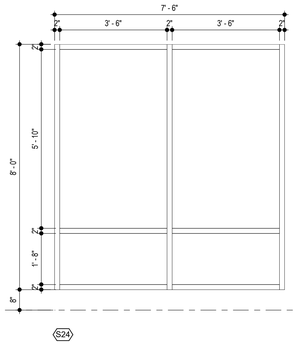
STOREFRONT SCHEDULE

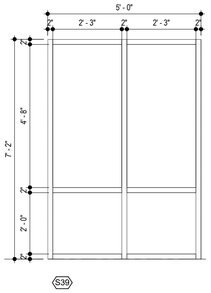
STOREFRONT ELEVATIONS

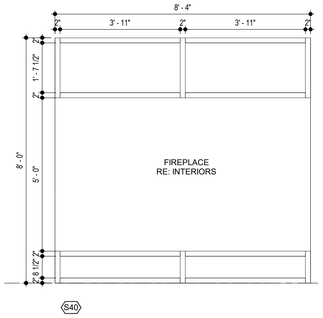












STOREFRONT SCHEDULE				
TYPE	LOCATION	HEIGHT	LENGTH	COMMENTS
S1	RETAIL	10' - 0"	9' - 5"	
S2	RETAIL	10' - 0"	29' - 4"	
S3	RETAIL	10' - 0"	6' - 2"	
S4	RETAIL	10' - 0"	9' - 5"	
S5	RETAIL	10' - 0"	20' - 0"	
S6	RETAIL	10' - 0"	10' - 8"	
S7	RETAIL	10' - 0"	10' - 8"	
S8	RETAIL	10' - 0"	8' - 10"	
S9	LEASING OFFICE	10' - 0"	3' - 4"	
S10	LEASING OFFICE	7' - 4"	3' - 4"	
S11	LEASING OFFICE	10' - 0"	10' - 0"	
S11a	LEASING OFFICE	3' - 4"	10' - 0"	
S12	LEASING OFFICE	10' - 0"	7' - 0"	
S13	LEASING OFFICE	10' - 0"	17' - 5"	
S14	LEASING OFFICE	10' - 0"	16' - 8"	
S15	LEASING OFFICE	2' - 4"	16' - 8"	
S16	LEASING OFFICE	7' - 8"	16' - 8"	
S17	RETAIL	10' - 0"	20' - 0"	
S18	LEASING OFFICE	7' - 8"	64' - 8"	
S19	LEASING OFFICE	10' - 0"	13' - 4"	
S20	LEASING OFFICE	9' - 4"	24' - 0"	
S21	LEASING OFFICE	10' - 0"	13' - 4"	
S22	LEASING OFFICE	12' - 9"	16' - 8"	
S22a	LEASING OFFICE	10' - 0"	16' - 8"	
S23	FITNESS	6' - 8"	5' - 4"	
S24	FITNESS	8' - 0"	7' - 6"	
S25	FITNESS	8' - 0"	20' - 0"	
S26	FITNESS	8' - 8"	6' - 4"	
S27	COURTYARD	9' - 0"	8' - 8"	
S28	ROOF TOP PATIO	7' - 2"	6' - 0"	
S29	ROOF TOP PATIO	7' - 2"	6' - 4"	
S29a	ROOF TOP PATIO	7' - 2"	6' - 0"	
S30	GARAGE VESTIBULE	7' - 9"	2' - 6"	
S31	GARAGE VESTIBULE	7' - 9"	8' - 9 1/2"	
S32	GARAGE VESTIBULE	7' - 9"	12' - 3 1/4"	
S33	GARAGE VESTIBULE	7' - 9"	8' - 5"	
S34	GARAGE VESTIBULE	7' - 9"	8' - 9 1/2"	7
S35	ELEVATOR VESTIBULE	8' - 6"	6' - 4"	
S39	ROOF TOP PATIO	7' - 2"	5' - 0"	
S40	ROOF TOP PATIO	8' - 0"	8' - 4"	
6	S36-S38 REMOVED FROM PROJECT			7

GENERAL NOTES WINDOWS

A. G.C. TO VERIFY ALL DIMENSIONS.

B. SAFETY GLAZING TO BE PROVIDED IN ALL LOCATIONS REQUIRED BY 2018 INTERNATIONAL BUILDING CODE, SECTION 2406.

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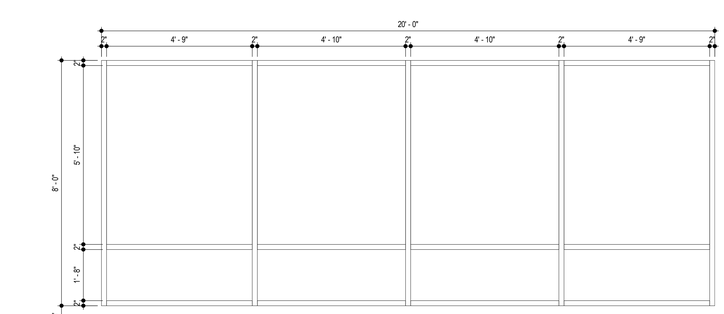
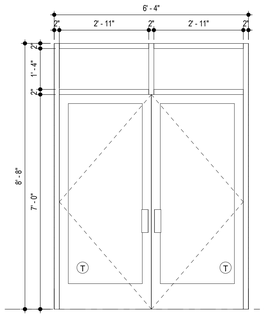
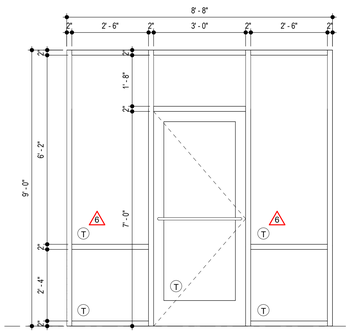
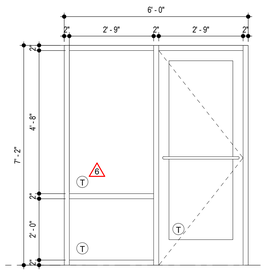
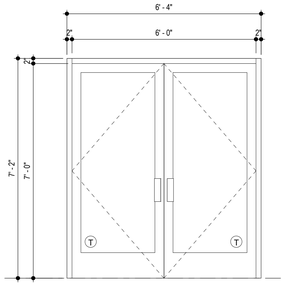
D. 4" RESTRICTOR ON BOTTOM OF DOUBLE HUNG WINDOWS.

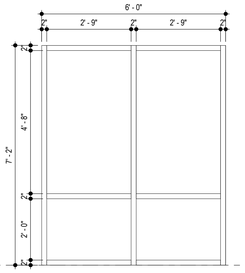


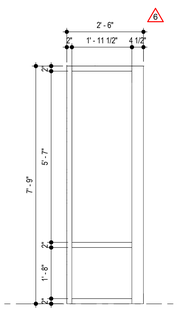


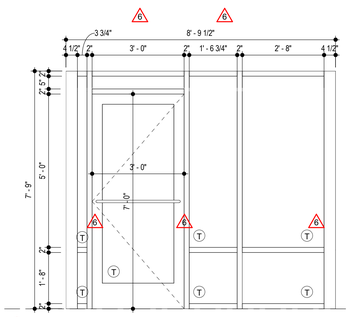


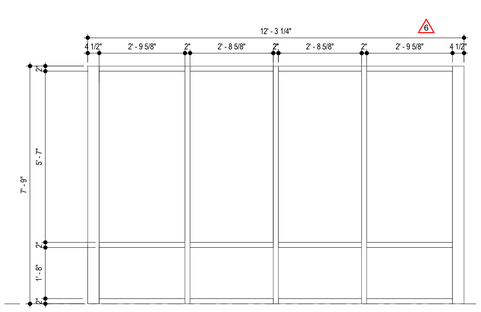


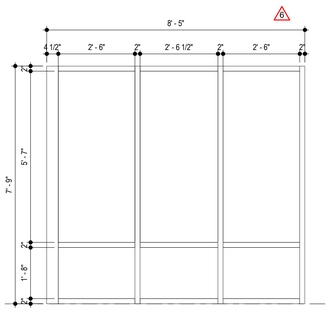


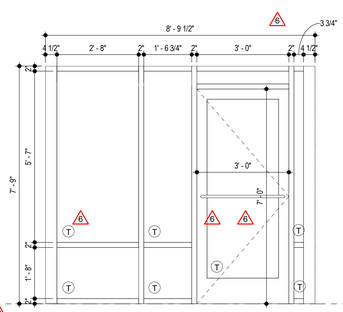


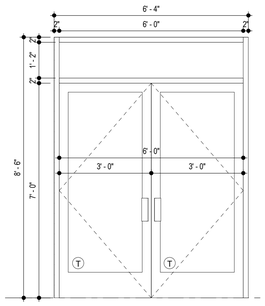












S36-S40 CONTINUED AT TOP OF THIS PAGE

4.3.20

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

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REVISIONS

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020

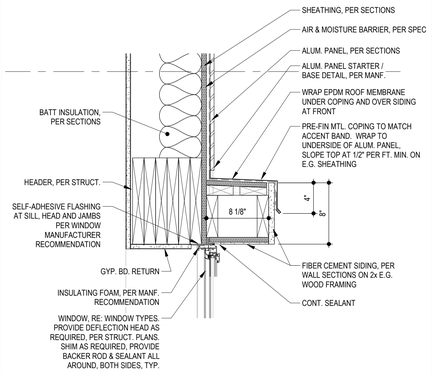
DWG BY MKSS

TR¡ PROJECT NO. 18-046

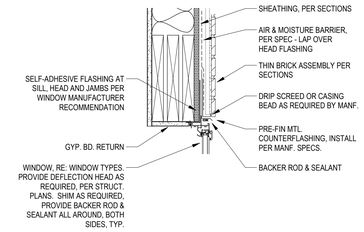
SHEET NO.

A016

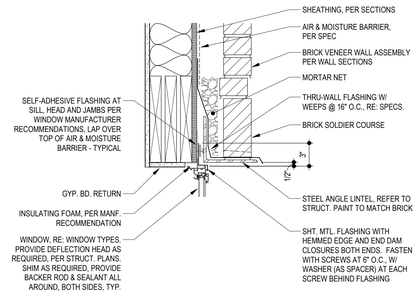
STOREFRONT SCHEDULE



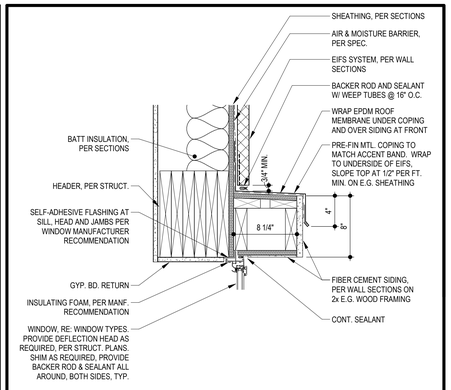
1 **WINDOW HEAD at ALUM. SIDING / EYEBROW**
SCALE: 1 1/2" = 1'-0"



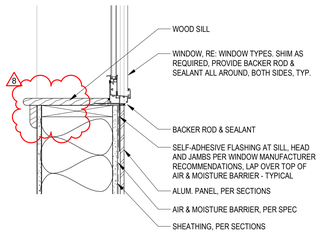
5 **WINDOW HEAD at THIN BRICK**
SCALE: 1 1/2" = 1'-0"



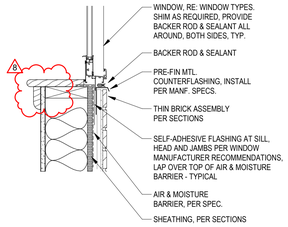
9 **WINDOW HEAD at BRICK**
SCALE: 1 1/2" = 1'-0"



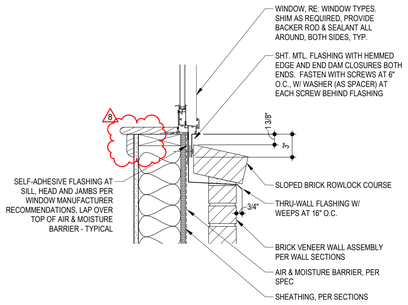
17 **WINDOW HEAD at EIFS / EYEBROW**
SCALE: 1 1/2" = 1'-0"



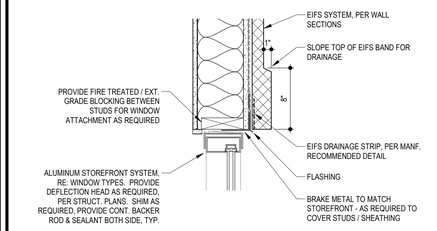
2 **WINDOW SILL at ALUM. SIDING (JAMB SIM.)**
SCALE: 1 1/2" = 1'-0"



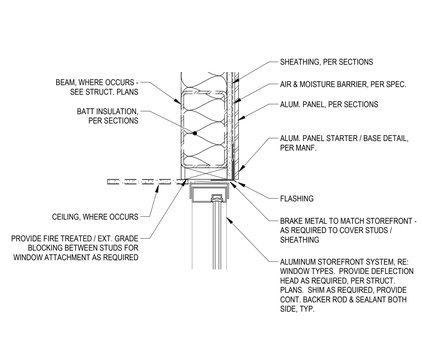
6 **WINDOW SILL at THIN BRICK (JAMB SIM.)**
SCALE: 1 1/2" = 1'-0"



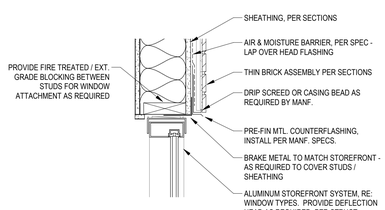
10 **WINDOW SILL at BRICK ROWLOCK**
SCALE: 1 1/2" = 1'-0"



18 **STOREFRONT HEAD at EIFS ACCENT**
SCALE: 1 1/2" = 1'-0"



3 **STOREFRONT HEAD at ALUM. SIDING**
SCALE: 1 1/2" = 1'-0"



7 **STOREFRONT HEAD at THIN BRICK (JAMB SIM.)**
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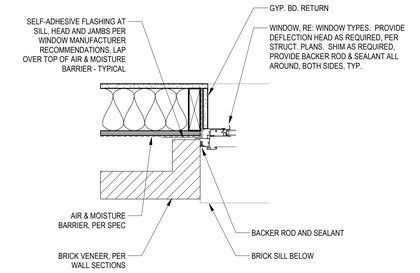
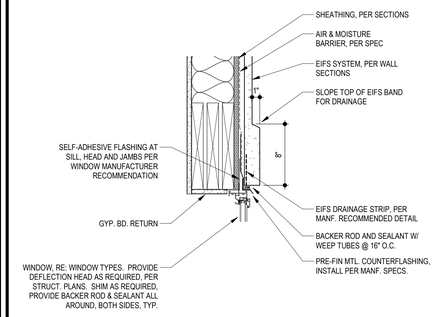
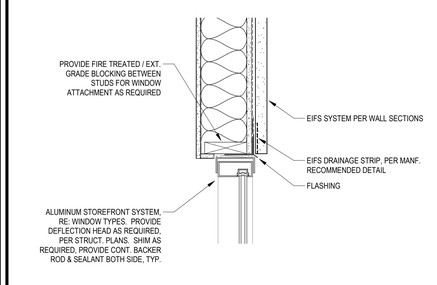


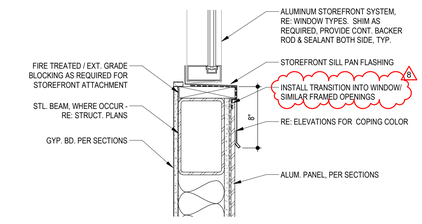
11 **WINDOW JAMB at BRICK**
SCALE: 1 1/2" = 1'-0"



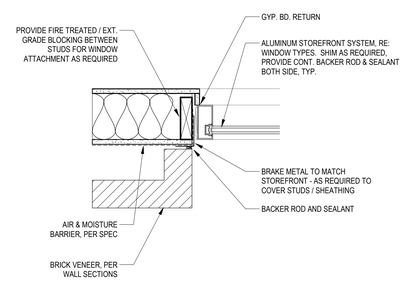
15 **WINDOW HEAD at EIFS ACCENT**
SCALE: 1 1/2" = 1'-0"



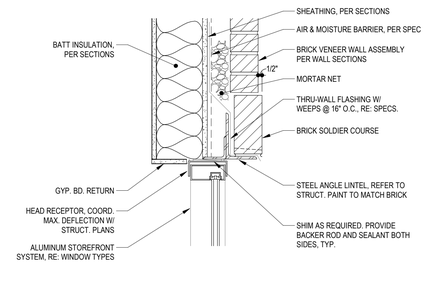
19 **STOREFRONT HEAD at EIFS (JAMB SIM.)**
SCALE: 1 1/2" = 1'-0"



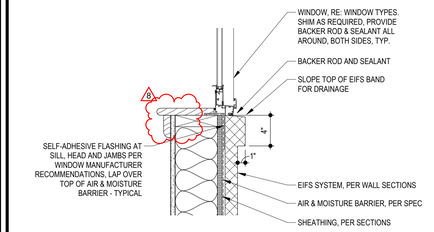
4 **STOREFRONT SILL at ALUM. SIDING**
SCALE: 1 1/2" = 1'-0"



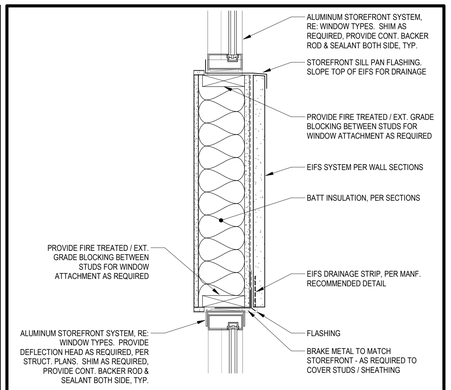
8 **STOREFRONT JAMB at BRICK**
SCALE: 1 1/2" = 1'-0"



12 **STOREFRONT HEAD at BRICK**
SCALE: 1 1/2" = 1'-0"



16 **WINDOW SILL at EIFS ACCENT**
SCALE: 1 1/2" = 1'-0"



20 **STOREFRONT HEAD/SILL at EIFS TRANSOM**
SCALE: 1 1/2" = 1'-0"

TR.i ARCHITECTS — ARCHITECT
BOB D CAMPBELL & COMPANY — STRUCTURAL ENGINEER
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DATE: 7.29.19

REVISIONS

	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020

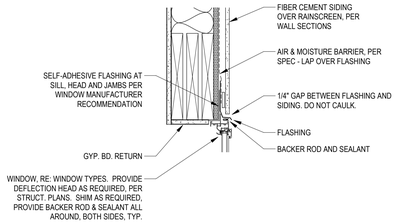
DWG BY jmr

TR.i PROJECT NO. 18-046

SHEET NO.

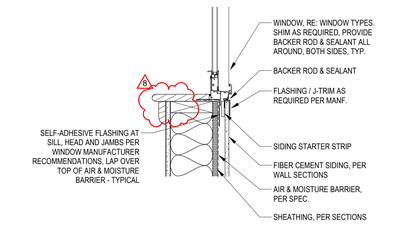
A020

WINDOW DETAILS



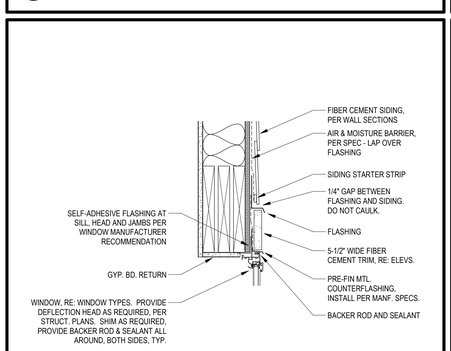
1 WINDOW HEAD at F.C. SIDING

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



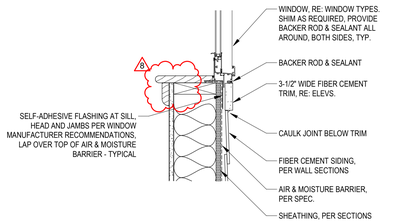
2 WINDOW SILL at F.C. SIDING (JAMB SIM.)

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



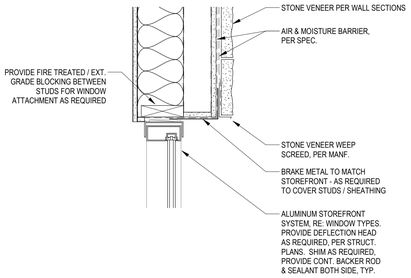
3 WINDOW HEAD at F.C. SIDING W/ TRIM

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



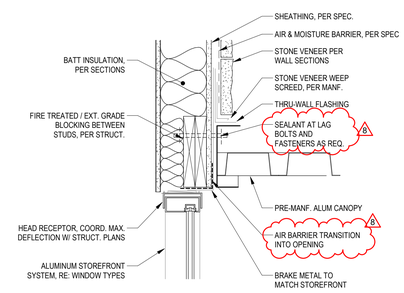
4 WINDOW SILL AT F.C. SIDING W/ TRIM (JAMB SIM

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



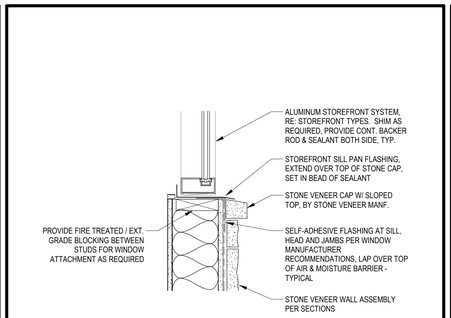
5 STOREFRONT HEAD at STONE (JAMB SIM.)

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



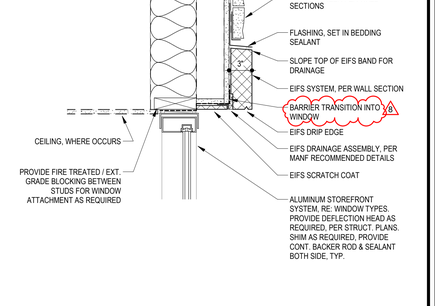
6 STOREFRONT HEAD at STONE / CANOPY

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



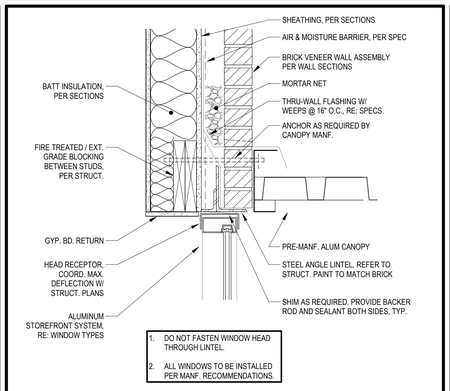
7 STOREFRONT SILL at STONE VENEER W/ CAP

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



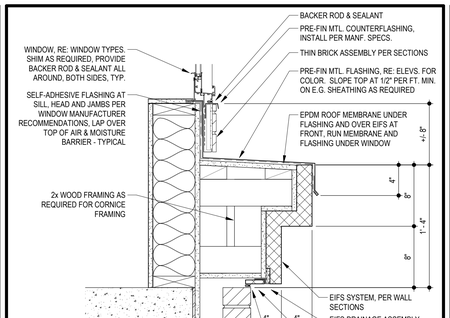
9 STOREFRONT HEAD at STONE / EIFS ACCENT

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



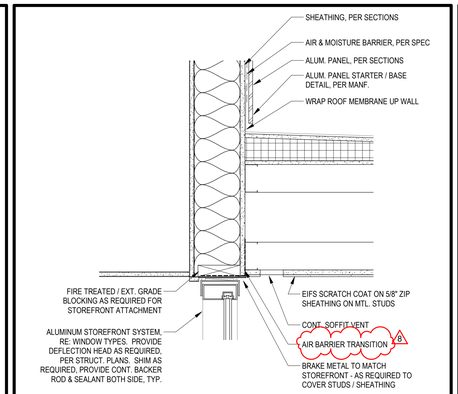
10 STOREFRONT HEAD at BRICK / CANOPY

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



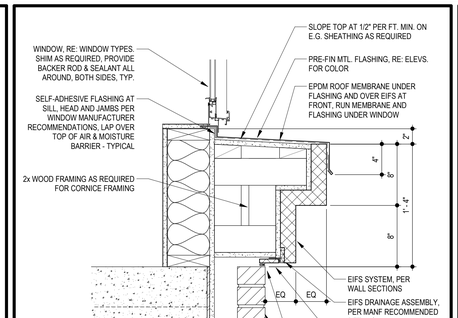
11 WINDOW SILL at EIFS CORNICE / BRICK SILL

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



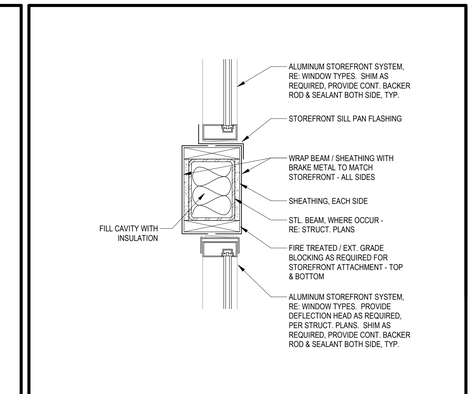
13 STOREFRONT HEAD at EIFS SOFFIT / CANOPY

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



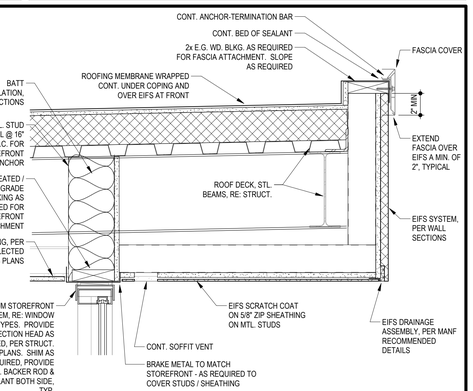
15 WINDOW SILL at EIFS CORNICE / SHT MTL SILL

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



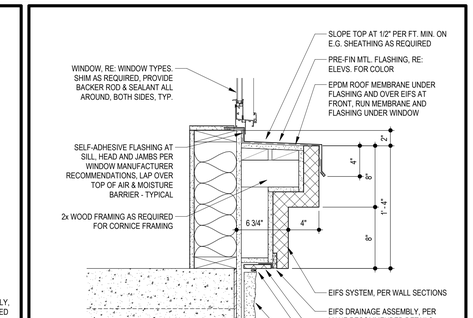
14 STOREFRONT HEAD at INTERIOR VEST.

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



18 STOREFRONT HEAD at CLUBHOUSE CANOPY

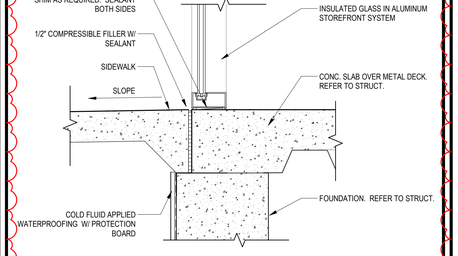
SCALE: 1 1/2" = 1'-0"



19 WINDOW SILL at EIFS CORNICE / STONE

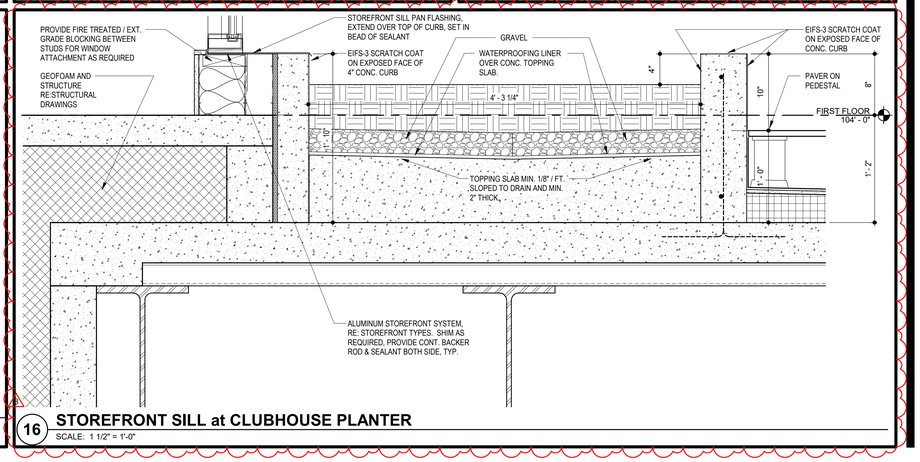
SCALE: 1 1/2" = 1'-0"

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



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

	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020

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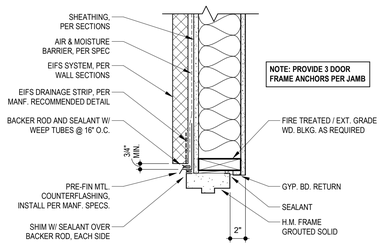
TR.i PROJECT NO. 18-046

SHEET NO.

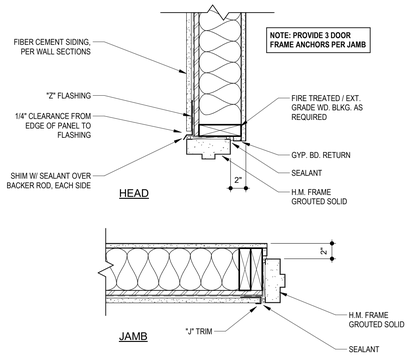
A021

WINDOW DETAILS



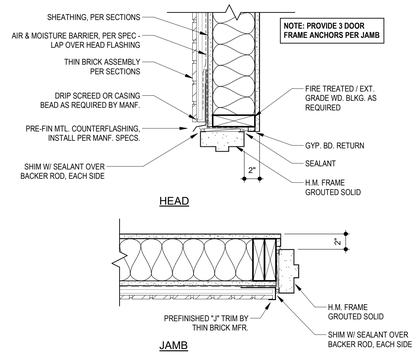
1 DOOR HEAD at EIFS (JAMB SIM.)

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



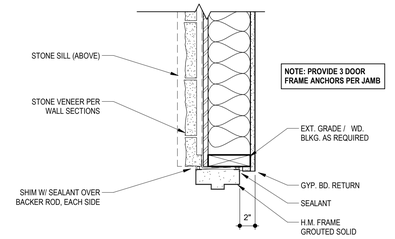
5 DOOR HEAD / JAMB at F.C. SIDING

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



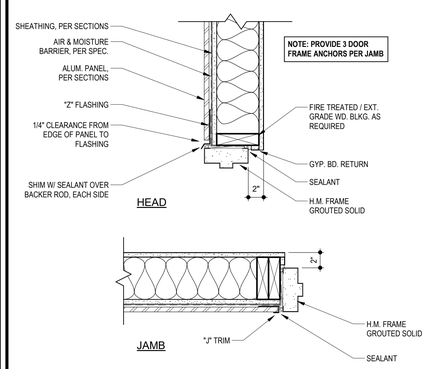
9 DOOR HEAD / JAMB at THIN BRICK

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



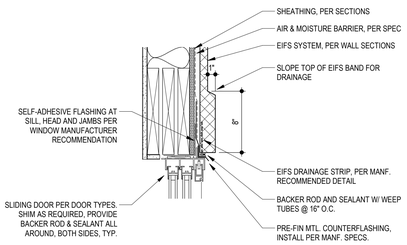
13 DOOR JAMB - STONE ON STUDS

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



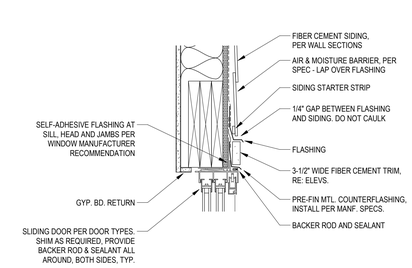
17 DOOR HEAD / JAMB at ALUM. SIDING

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



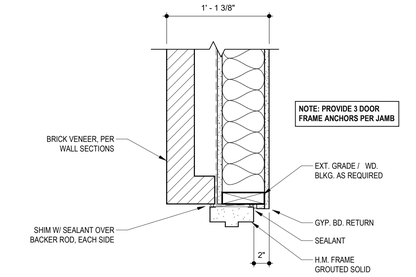
3 DOOR HEAD (PATIO) at EIFS ACCENT (JAMB SIM.)

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



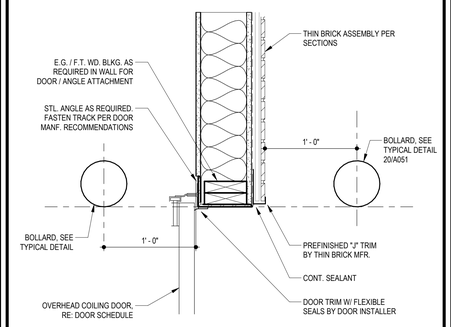
7 DOOR HEAD (PATIO) at F.C. SIDING W/ TRIM (JAMB SIM)

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



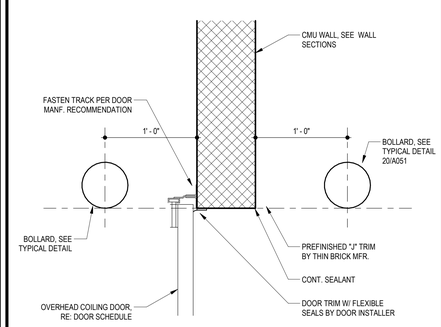
11 DOOR JAMB at BRICK / STUD

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



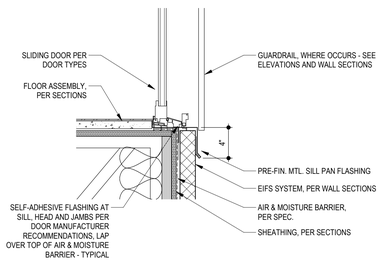
15 DOOR JAMB at O.H. DOOR

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



19 DOOR JAMB at O.H. DOOR / CMU

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



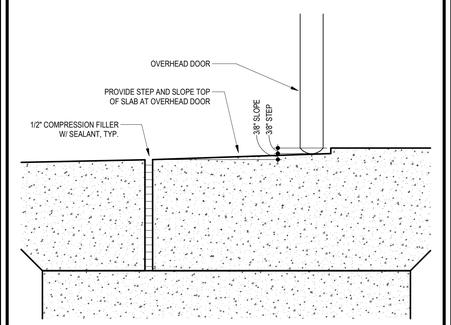
4 DOOR SILL (PATIO) at RAILING

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

DETAIL EXPANDED AND MOVED TO 12/A032

12 DOOR SILL (PATIO) at PATIO PAVER

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



16 DOOR SILL at O.H. DOOR

SCALE: 3" = 1'-0"

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REVISIONS

	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020

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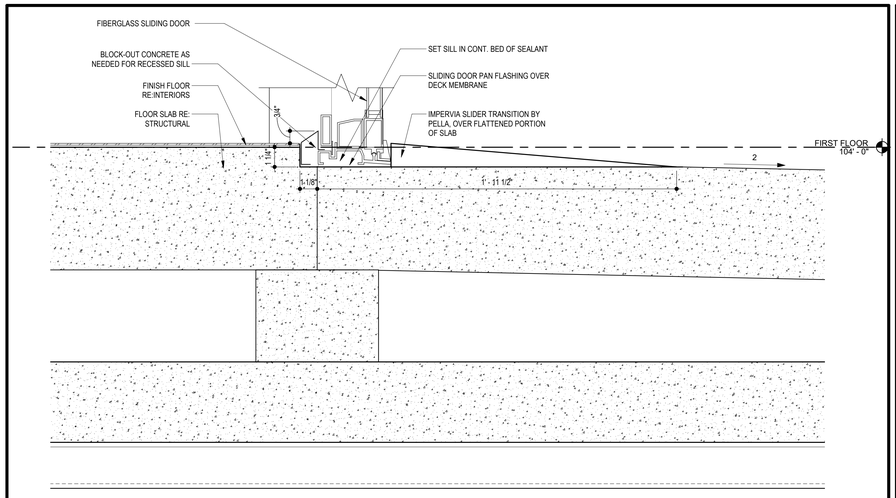
TR¡ PROJECT NO. 18-046

SHEET NO.

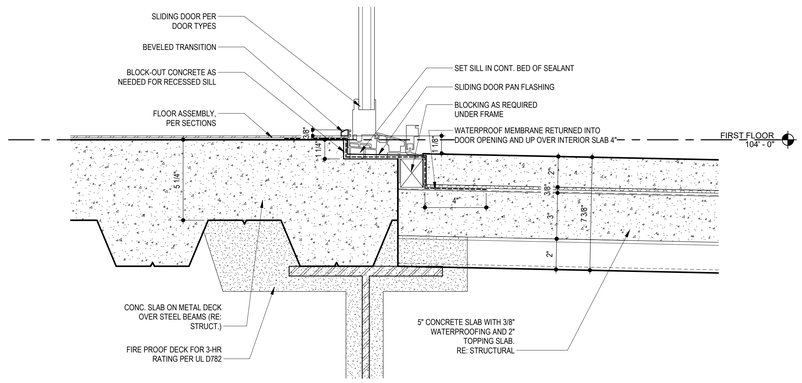
A030

DOOR DETAILS



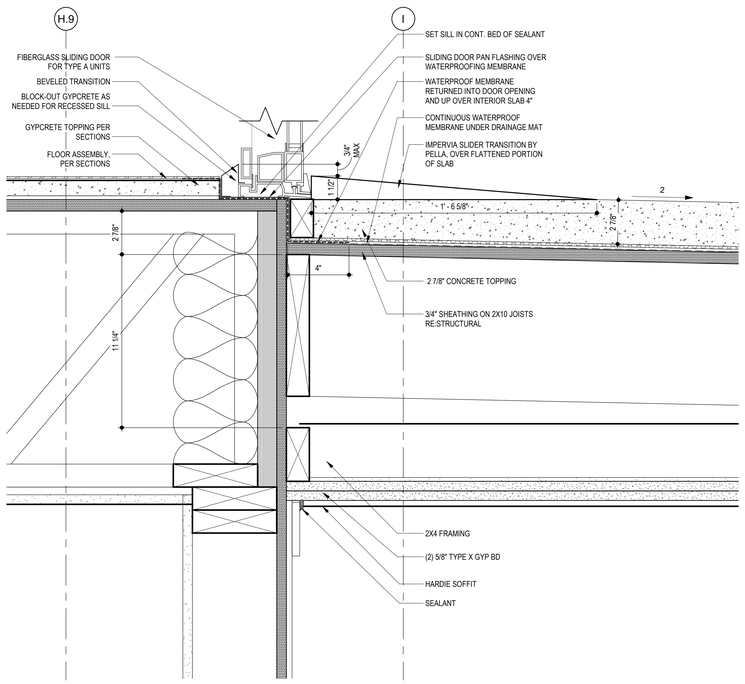
1 PATIO DOOR AT PODIUM - TYPE A UNIT

SCALE: 3" = 1'-0"



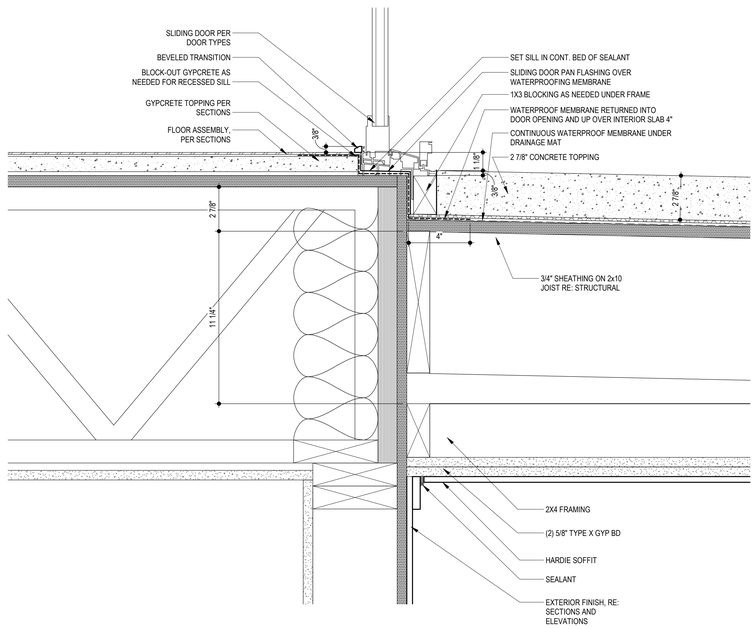
2 PATIO DOOR AT PODIUM - TYPE B UNIT

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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REVISIONS

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8	REVISION 3	4.3.2020

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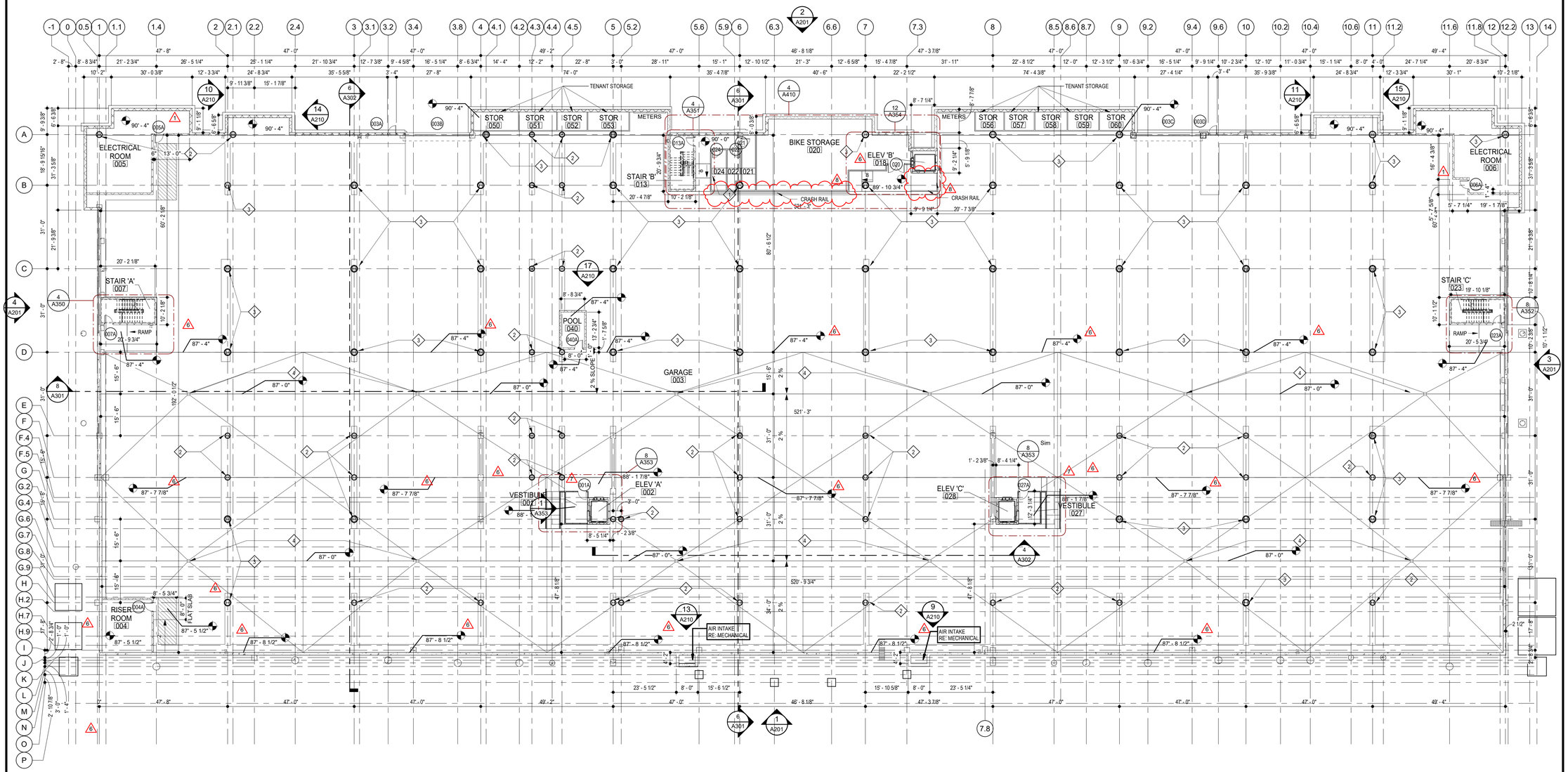
TR¡ PROJECT NO. 18-046

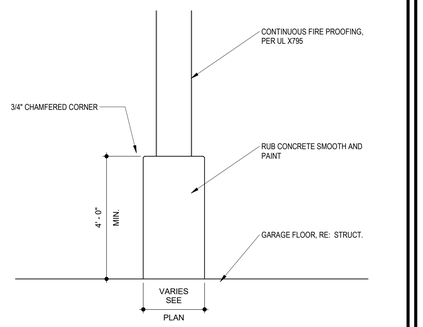
SHEET NO. A032

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.

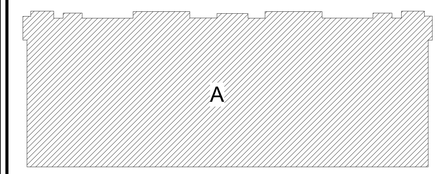
B. COORDINATE TYPICAL GARAGE DETAILS.

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

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	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

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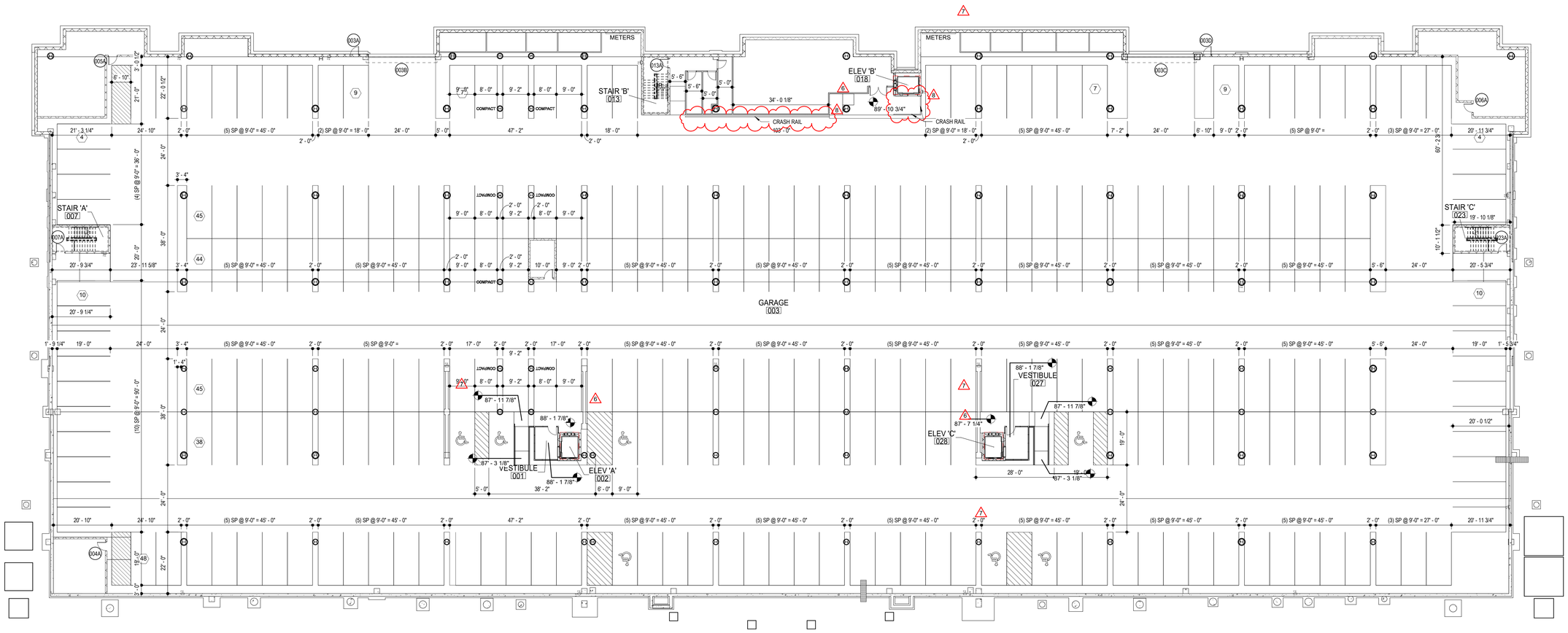
TR¡ PROJECT NO. 18-046

SHEET NO.

A101A

GARAGE FLOOR PLAN



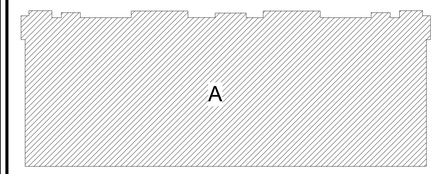
3 GARAGE PARKING PLAN

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

PARKING SPACES

NUMBER OF PARKING SPACES PER ROW

GARAGE PARKING CALCULATIONS	
ACCESSIBLE 9' x 19'	5
COMPACT 8' x 19'	7
STANDARD 9' x 19'	265
VAN 9' x 19'	2
TOTAL	279



PLAN NORTH TRUE NORTH

4.3.20

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

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020

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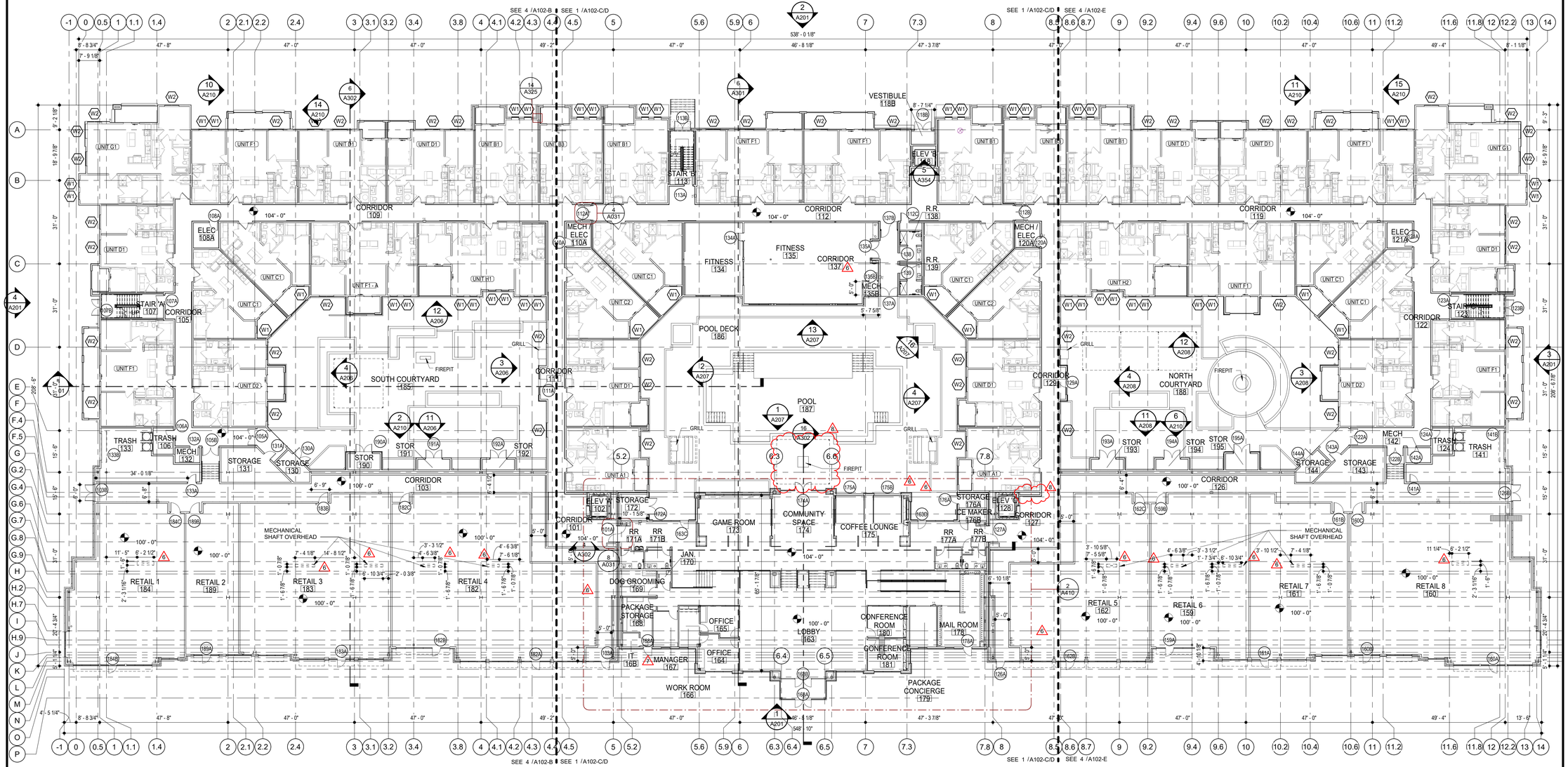
TR¡ PROJECT NO. 18-046

SHEET NO.

A101B

GARAGE PARKING PLAN



3 FIRST FLOOR PLAN

SCALE: 1/16" = 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).

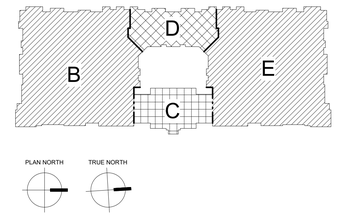
G. CONTROL JOINTS SHOULD BE SPACED IN GYPSUM WALL BOARD TO LIMIT EXPANSES TO 30'-0" MAXIMUM. CONTROL JOINTS ARE RECOMMENDED AT DOOR JAMBS EXTENDING FROM DOOR HEAD TO CEILING. CEILING GYPSUM BOARD CONTROL JOINTS SHOULD LIMIT THE CEILING AREA TO 2,500 SF MAX. AND 50'-0" IN EITHER DIRECTION. CONTROL JOINT 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.

1 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.



4.3.20

ARCHITECT
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8	REVISION 3	4.3.2020

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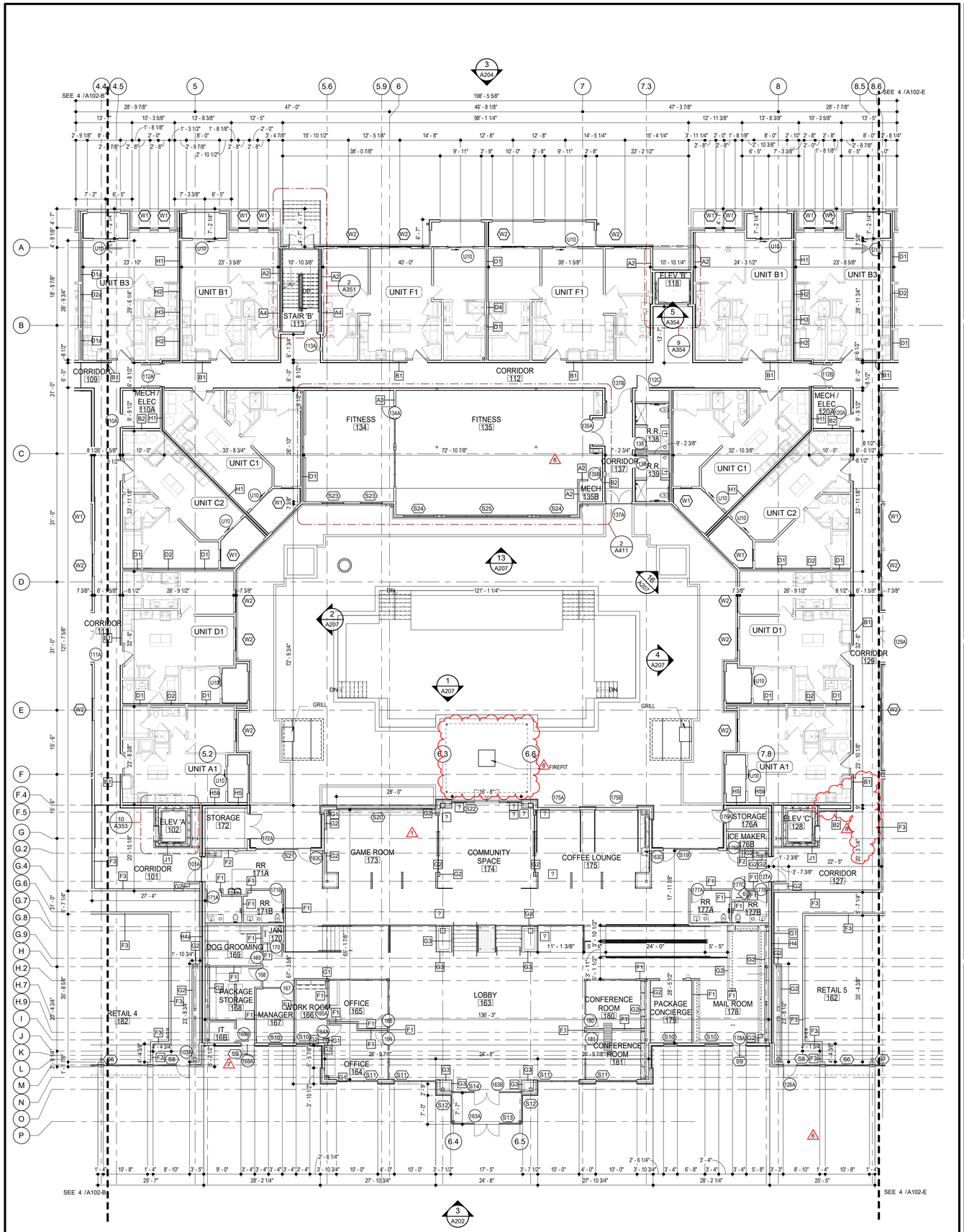
TR,i PROJECT NO. 18-046

SHEET NO.

A102

FIRST 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).

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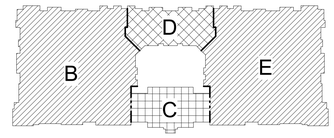
J. REFER TO LIFE SAFETY PLANS FOR ADDITIONAL INFORMATION ON FIRE RATED PARTITION LOCATIONS.

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

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REVISIONS 6

	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

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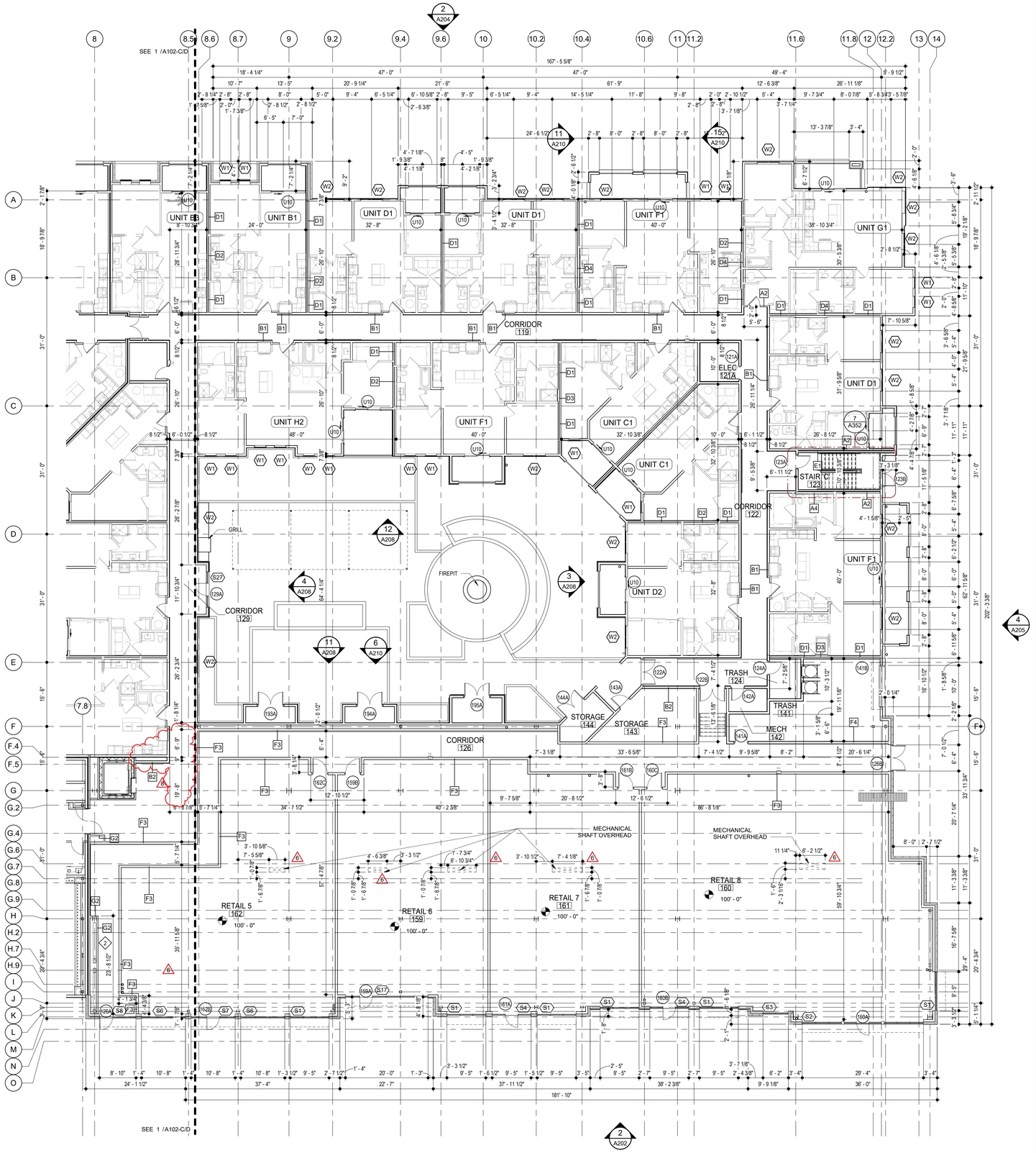
TR¡ PROJECT NO. 18-046

SHEET NO.

A102-C/D

FIRST FLOOR PLAN - BLDG. C/D



4 FIRST 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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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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KEYED NOTES ◇

6

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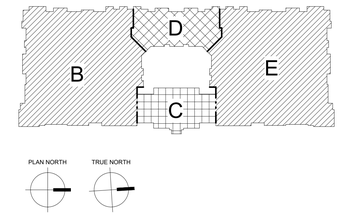
15. EXPANSION JOINT RE: 14/A325 7



4.3.20

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RENAISSANCE INFRASTRUCTURE CONSULTING — CIVIL ENGINEER
BRINKMANN CONSTRUCTORS — GENERAL CONTRACTOR
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REVISIONS 8

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020

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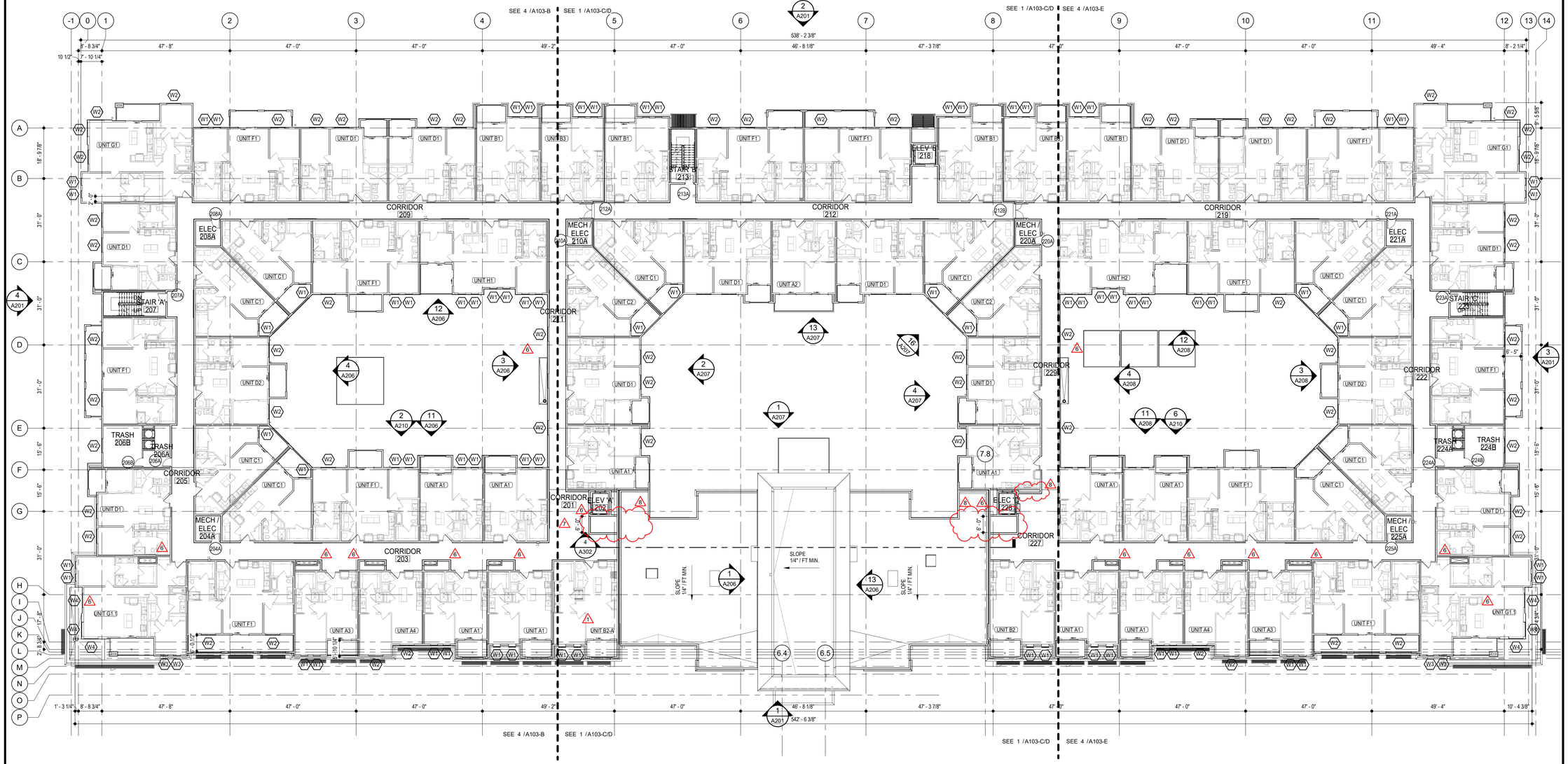
TR¡ PROJECT NO. 18-046

SHEET NO.

A102-E

FIRST FLOOR PLAN - BLDG. E



3 SECOND / THIRD FLOOR PLAN

SCALE: 1/16" = 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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K. NO PENETRATIONS WITHIN 4' OF FIRE WALLS. VERIFY IN FIELD.

4.3.20

ARCHITECT
TR;i ARCHITECTS

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BOB D CAMPBELL & COMPANY

CIVIL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING

GENERAL CONTRACTOR
BRINKMANN CONSTRUCTORS

MECHANICAL ENGINEER
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8	REVISION 3	4.3.2020

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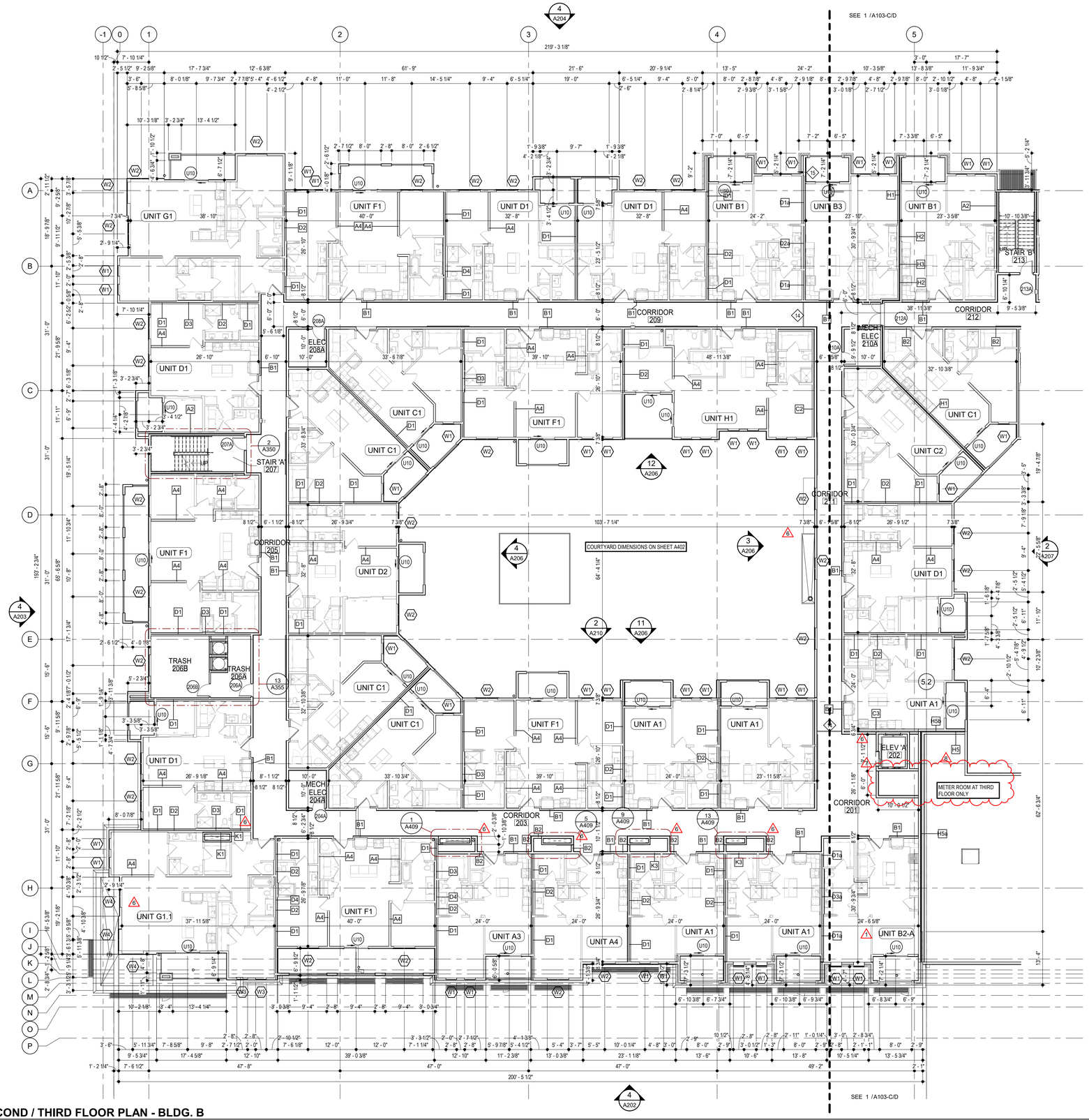
TR;i PROJECT NO. 18-046

SHEET NO.

A103

SECOND/THIRD FLOOR PLAN



4 SECOND / THIRD FLOOR PLAN - BLDG. B

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

GENERAL NOTES

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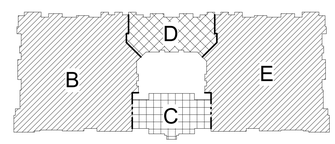
15. EXPANSION JOINT RE: 14/A325 7



PLAN NORTH TRUE NORTH

4.3.20

ARCHITECT — TR¡ ARCHITECTS
STRUCTURAL ENGINEER — BOB D CAMPBELL & COMPANY
CIVIL ENGINEER — RENAISSANCE INFRASTRUCTURE CONSULTING
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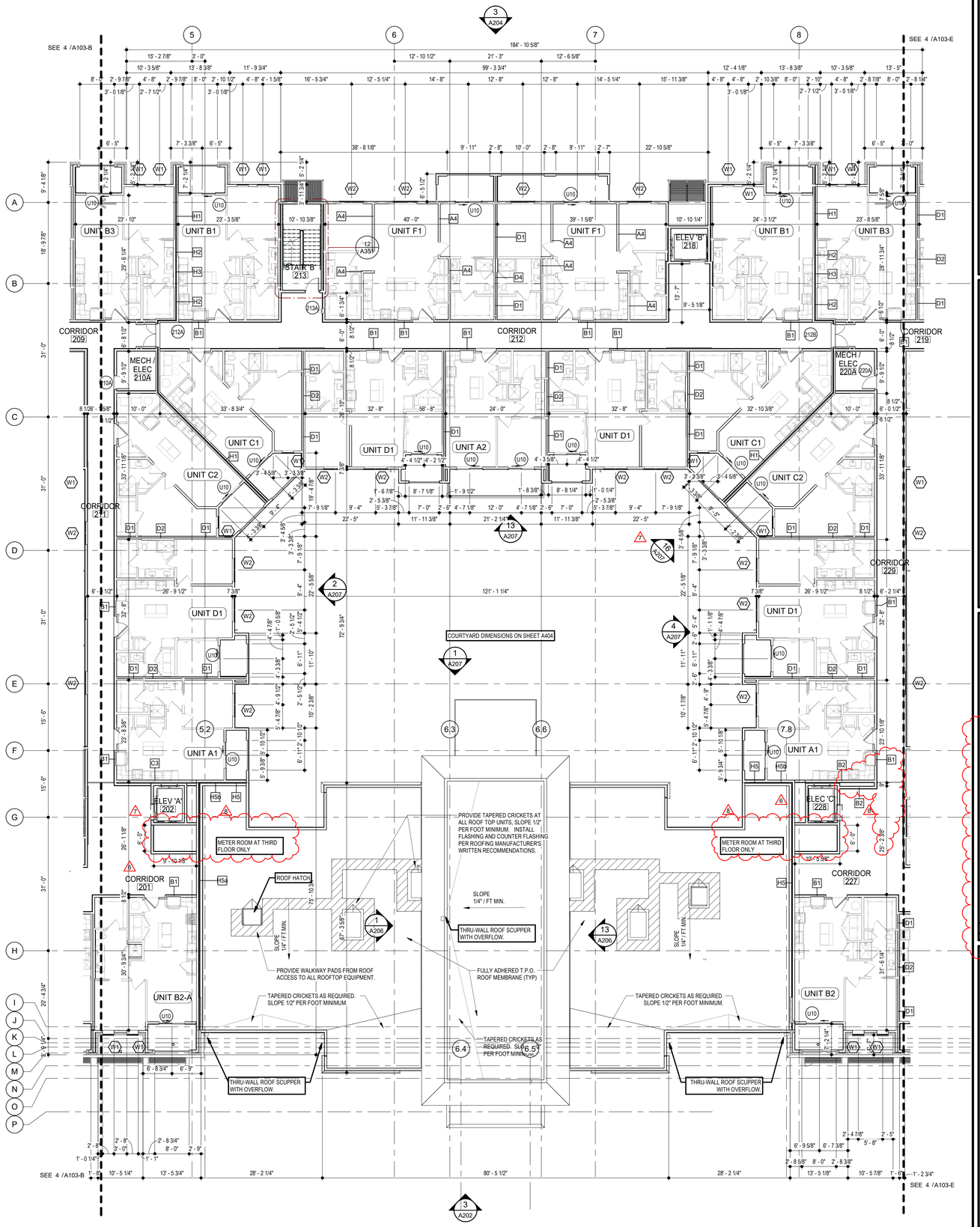
TR¡ PROJECT NO. 18-046

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

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.

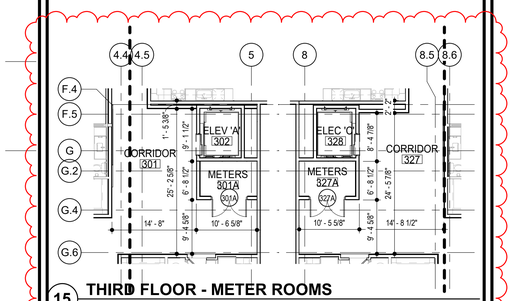
J. REFER TO LIFE SAFETY PLANS FOR ADDITIONAL INFORMATION ON FIRE RATED PARTITION LOCATIONS.

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

KEYED NOTES ◇

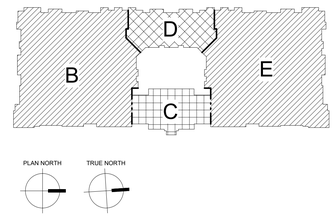
6

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



15 THIRD FLOOR - METER ROOMS

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



4.3.20

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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

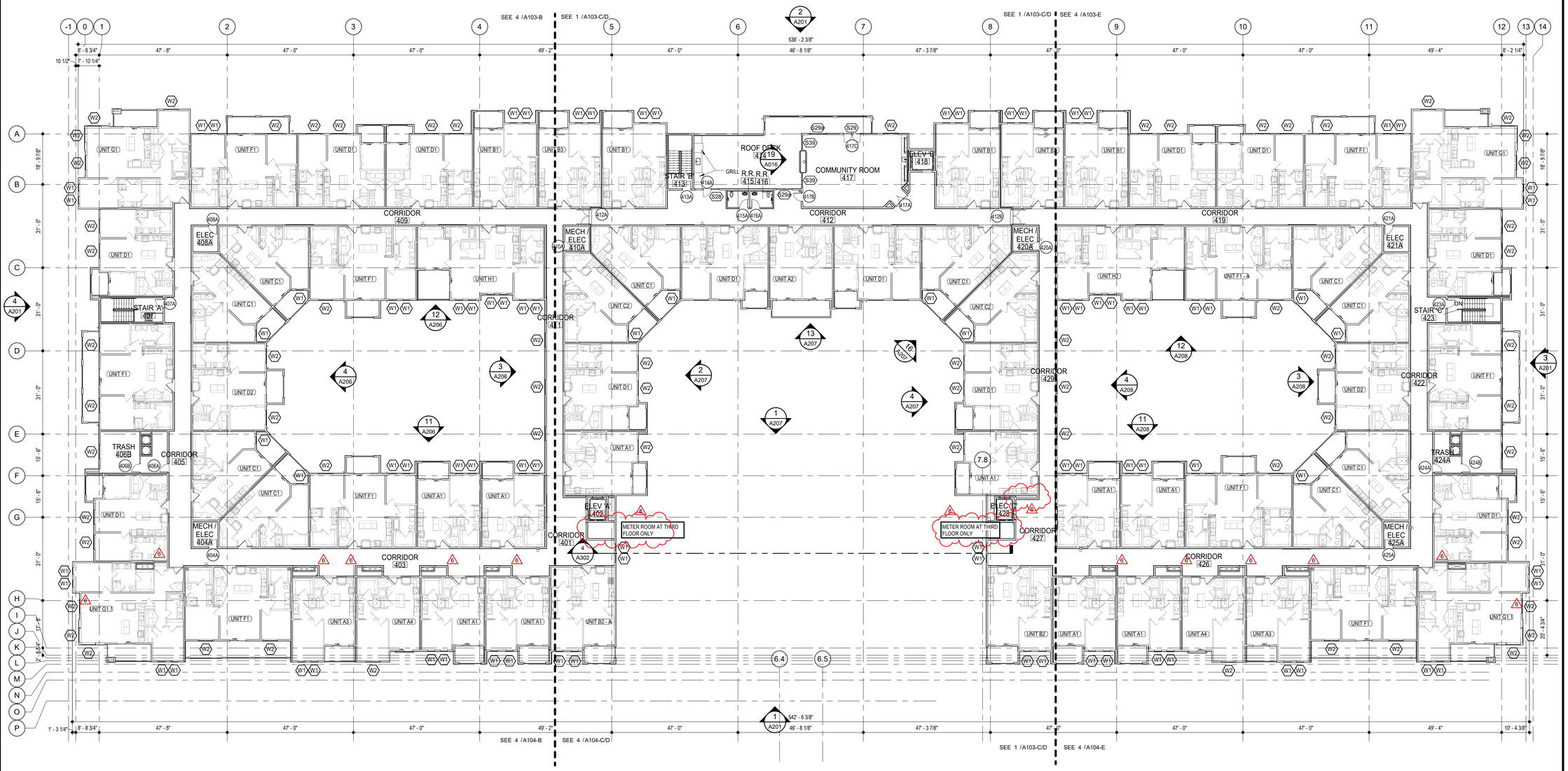
DWG BY MKSS

TR¡ PROJECT NO. 18-046

SHEET NO.

A103-C/D

SECOND / THIRD FLOOR PLAN - BLDG. C/D



3 FOURTH FLOOR PLAN

SCALE: 1/16" = 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.

1 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.

4.3.20

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STRUCTURAL ENGINEER
CIVIL ENGINEER
GENERAL CONTRACTOR
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REVISIONS (8)

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
8	REVISION 3	4.3.2020

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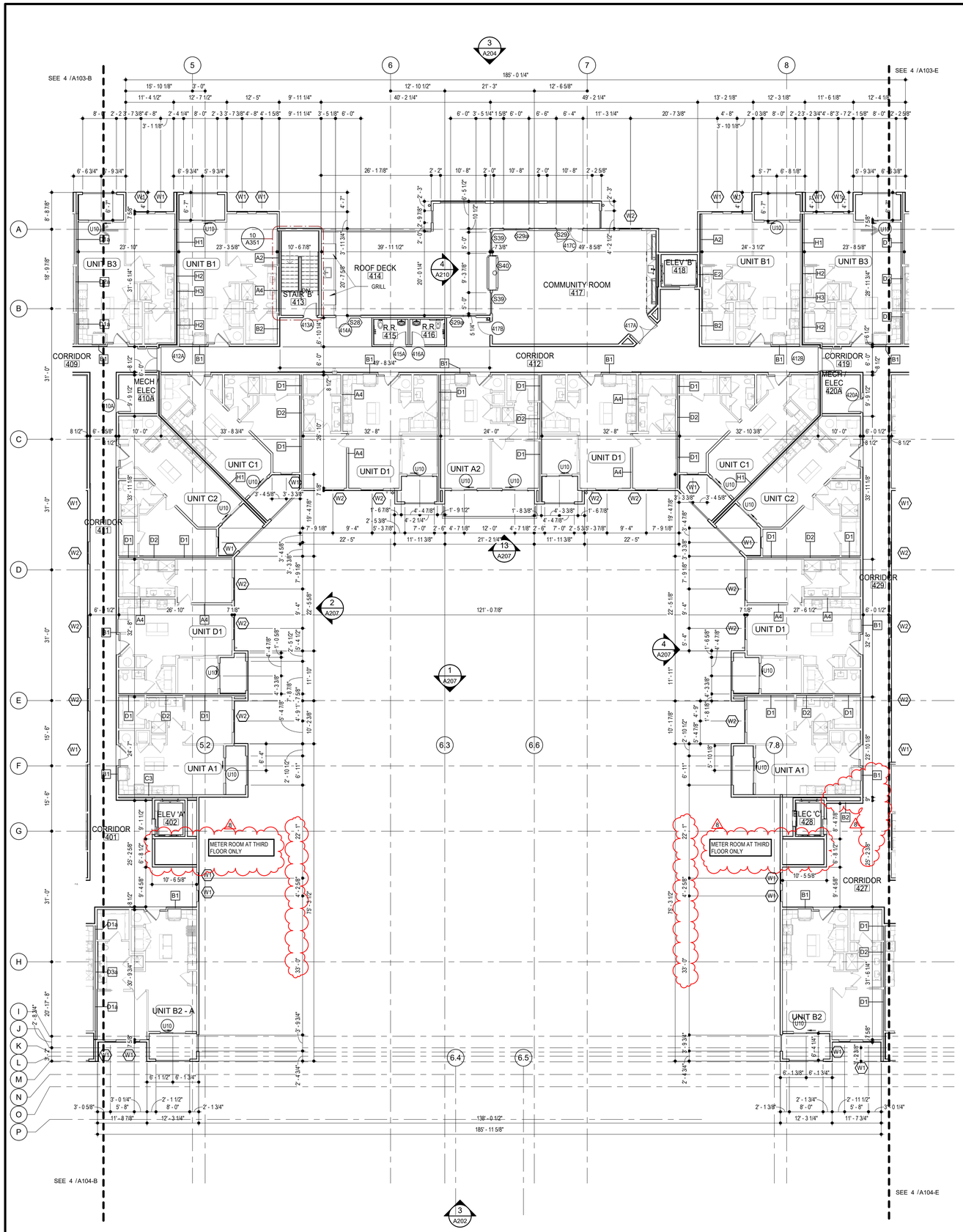
TR.i PROJECT NO. 18-046

SHEET NO.

A104

FOURTH FLOOR PLAN



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.

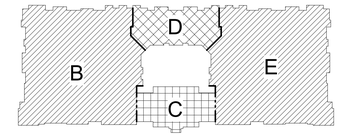
J. REFER TO LIFE SAFETY PLANS FOR ADDITIONAL INFORMATION ON FIRE RATED PARTITION LOCATIONS. 1

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.
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

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DATE: 7.29.19

REVISIONS 8

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020

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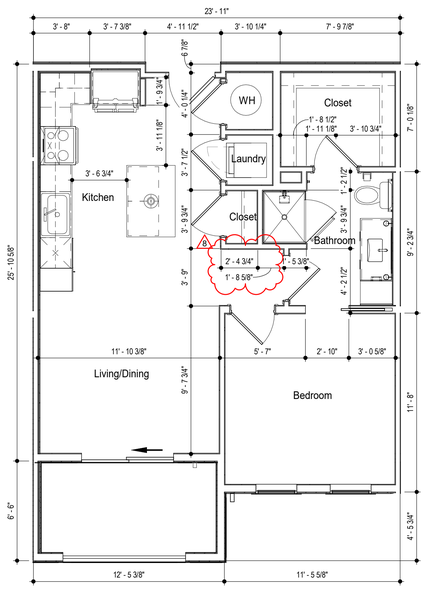
TR¡ PROJECT NO. 18-046

SHEET NO.

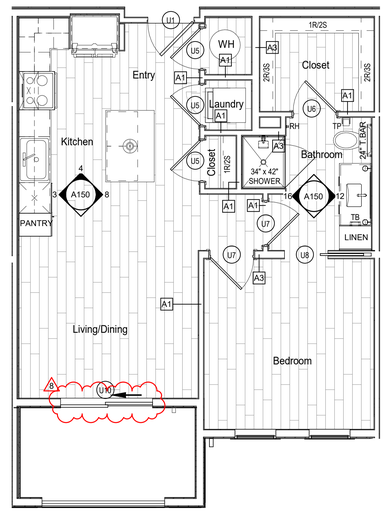
A104-C/D

FOURTH FLOOR PLAN - BLDG. C/D



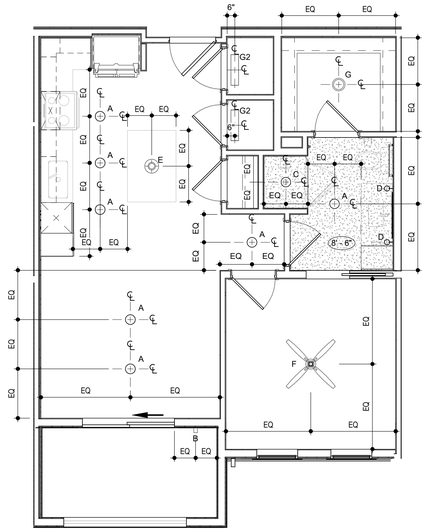
2 UNIT A1 DIMENSION PLAN

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



6 UNIT A1 REFERENCE PLAN

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



14 UNIT A1 RCP

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

SYMBOL LEGEND - UNIT PLANS

- 11 — DOOR TAG
- LIGHTING FIXTURE
- 1 Ref / A101 / 1 Ref — INTERIOR ELEVATION
- CLEAR FLOOR SPACE WITH 2" TOLERANCE AREA. REFER TO NOTES FOR REQUIRED DIMENSIONS
- W2 — PARTITION WALL TAG REFER TO A013

AHU = AIR HANDLER UNIT
CO = CASED OPENING
CPT = CARPET
CT = CERAMIC TILE
DW = DISHWASHER
KS = KNEE SPACE
RH = ROBE HOOK
SH = SHOWER HEAD
SR = SHOWER ROD
SRO = SHEETROCK OPENING
T = TEMPERED GLASS

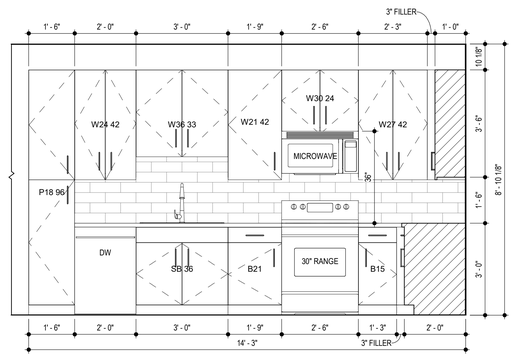
8
TB = TOWEL BAR 6"
TP = TOILET PAPER DISPENSER
VP = VINYL PLANK
WH = WATER HEATER
WS = WORKSPACE
# S = # OF SHELVES

LIGHTING FIXTURE SCHEDULE

LABEL	MANUFACTURER	DESCRIPTION/MODEL	FINISH
L1	NOT USED 8		
B	ASTRO	OSLO 100	TEXTURED BLACK
E	HUDSON VALLEY LIGHTING GROUP	LAMBERT, #612-OB	OLD BRONZE
C	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
A	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
F	MINKA AIRE	AVIATION LED CEILING FAN, #F853L-BN/CL	COAL
G2	TBD	WALL MOUNTED LED UTILITY LIGHT	WHITE TRIM
G	TBD	11" SURFACE MOUNTED DOME FIXTURE	WHITE TRIM
D	CUSTOM	MATCH STEFAN OUTDOOR WALL SCONCE	AGED IRON

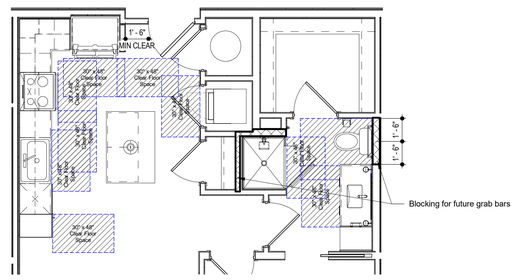
GENERAL UNIT NOTES

1. ALL WALL DIMENSIONS ARE TO STUD.
2. UNIT INTERIOR WALL TYPES ARE A1 (TYPICAL) UNLESS OTHERWISE NOTED.
3. REFER TO SHEET A011 FOR TYPICAL WALL ASSEMBLIES.
4. REFER TO SHEET A017 FOR UNIT DOOR SCHEDULE & A030 - A031 FOR DETAILS.
5. ALL INTERIOR DOORS SHALL ALLOW 3/4" AIRFLOW FOR RETURN AT BOTTOM OF DOOR.
6. REFER TO MEP DWGS FOR LOCATION OF SMOKE, CO & FIRE DETECTORS.
7. REFER TO SHEET A014 FOR WINDOW SCHEDULE AND A020 - A021 FOR DETAILS.
8. ALL EXTERIOR WINDOWS SHALL MEET ALL FEDERAL, STATE AND ANY LOCAL GLAZING STANDARDS. ALL SLIDING GLASS DOORS SHALL HAVE PIN LOCKS.
9. BEDROOM SHALL HAVE A MINIMUM OF ONE OPENING WHICH MEETS EGRESS REQUIREMENTS. 20" NET CLEAR WIDTH, 24" NET CLEAR HEIGHT. 5.7 SQFT. NET CLEAR OPENABLE AREA AND SHALL BE 44" MAXIMUM FROM FINISH FLOOR TO TOP OF SILL AS REQUIRED PER IBC-2009 SECTION 1029.
10. REFER TO BUILDING PLANS FOR CORRIDOR AND DIMISING WALL TYPES.
11. PROVIDE MOISTURE RESISTANT GYPSUM DRYWALL IN ALL UNIT BATHROOM WALLS AND OTHER UNIT WETWALLS.
12. PROVIDE SOUND BATTS IN ALL CORRIDOR AND TENANT SEPARATION WALLS.
13. PROVIDE SOUND INSULATION IN WALLS AROUND ALL LAUNDRY ROOMS, PLUMBING, AND ALL HVAC CLOSETS.
14. REFER TO STRUCTURAL DRAWINGS FOR SHEARWALL AND BEARING WALL LOCATIONS.
15. VERTICAL MECHANICAL CHASES WITHIN UNITS ARE TO BE FIRE STOPPED PER LOCAL REQUIREMENTS.
16. ALL ANGLES ARE 45° TO HORIZONTAL & VERTICAL DIRECTIONS, U.N.O. TYP. AT ALL UNITS.
17. ALL DIMENSIONS AND NOTES STATING "CLEAR" ARE FROM FACE OF FINISH.
18. REFER TO A003 & A004 FOR ALL INTERIOR FAIR HOUSING ACT AND OTHER ACCESSIBILITY REQUIREMENTS.
19. ALL TOWEL BARS ARE TO BE MOUNTED AT 54" A.F.F., ROBE HOOKS TO BE MOUNTED AT 66", TOWEL RINGS TO BE MOUNTED 1'-6" ABOVE COUNTER HEIGHT, AND TOILET PAPER DISPENSERS AT 18" A.F.F. UNLESS NOTED OTHERWISE. TOWEL BARS AND ROBE HOOKS IN TYPE A UNITS TO BE MOUNTED AT 48" HIGH MAX.
20. INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUT ONLY. CONTRACTOR TO VERIFY ALL DIMENSIONS. PROVIDE FILLERS AS REQUIRED. REFER TO CABINET SHOP DRAWINGS.
21. VANITY MIRRORS TO BE 42" HIGH AND TO BE MOUNTED WITH THE BOTTOM OF THE REFLECTING SURFACE NO MORE THAN 40" A.F.F IN ANSI TYPE A UNITS.
22. PROVIDE MINIMUM RATED 2A:10B:C FIRE EXTINGUISHER IN EACH KITCHEN UNDER THE SINK.
23. VERIFY ALL TUB WALL LENGHTS AND DIMENSIONS WITH ACTUAL TUB PROVIDED. CONTRACTOR TO COORDINATE FRAMING, TUB MANUFACTURER AND TUB DETAILS.
24. PROVIDE SOLID BLOCKING IN WALLS FOR FUTURE INSTALLATION OF GRAB BARS AS SHOWN ON A003, OR ALTERNATIVE MEANS OF REINFORCING THE CAVITY BETWEEN THE FIBERGLASS TUB AND THE WALL.
25. SEE ARCHITECTURAL ELEVATION, MEP AND STRUCTURAL DRAWINGS FOR EXTERIOR FEATURES THAT MAY REQUIRE BLOCKING OR OTHER CONSIDERATIONS SPECIFIC TO THE UNIT LOCATION IN THE BUILDING, SUCH AS ATTACHED SIGNAGE, LIGHTING, AWNINGS, CANOPIES, TRELLISES, SHUTTERS, FIXTURES, BUILDOUTS, CORNICES, RAILINGS, LANDSCAPE FEATURES AND ADJACENT ATTACHED STRUCTURES.
26. PROVIDE A HIGH OUTLET COVER SO THAT TV IN LIVING ROOM CAN BE MOUNTED AT 46" A.F.F. TO THE CENTER OF TV. REFER TO MEP AND TELECOM. PROVIDE 2x10 BLOCKING FOR TV MOUNTING.
27. ALL EXTERIOR SLABS TO SLOPE DOWN 1/8" TO EDGE OF SLAB. LIGHT BROOM FINISH AT SLOPED SURFACES. VERIFY WITH STRUCTURE.
28. REFER TO INTERIOR DESIGNER FINISH SCHEDULE FOR FINISHES, FOR ADDITIONAL ROOM FINISH NOTES AND SPECIFICATIONS. RE: I-006 - I-007
29. FLOOR FINISHES TO EXTEND UNDER SHELVING, WASHER/DRYER, AND REFRIGERATOR. FLOOR FINISHES EXTEND UNDER ALL RAISED COUNTERS, AND CABINETS INDICATED WITH "REMOVABLE BASE CABINET".
30. ALL SINK BASES TO BE REMOVABLE IN TYPE A UNITS. REMOVABLE BASE AT KITCHEN WORK SURFACE IN TYPE A UNITS. EXTEND FLOOR FINISH UNDER THESE REMOVABLE CABINETS
31. BATHROOM CEILING HEIGHT 8' - 6" AFF.
32. SHOWER HEAD HEIGHT 7'-0" AFF, SHOWER CONTROL HEIGHT 4'-0" AFF.
33. TUB/SHOWER COMBO SHOWER HEAD HEIGHT 7'-0" AFF, CONTROL 3'-0" AFF, TUB FAUCET 2'-0" AFF.
34. FOR UNIT DETAILS RE: A170-A171



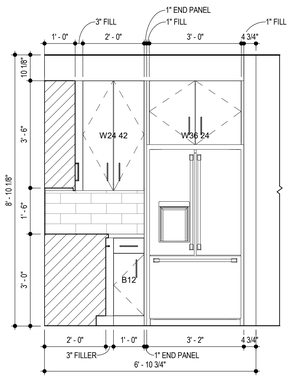
3 UNIT A1 KITCHEN ELEVATION - RANGE

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



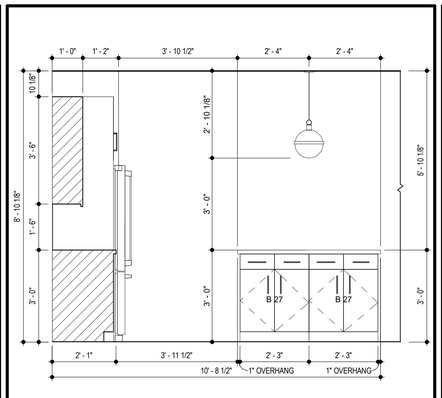
11 UNIT A1 C.F.S.

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



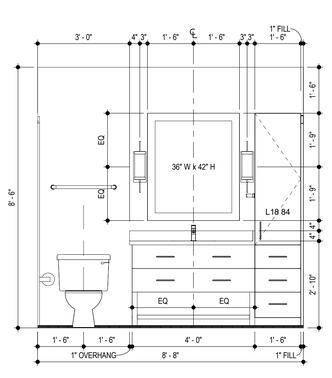
4 UNIT A1 CASEWORK ELEVATION - REFRIGERATOR

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



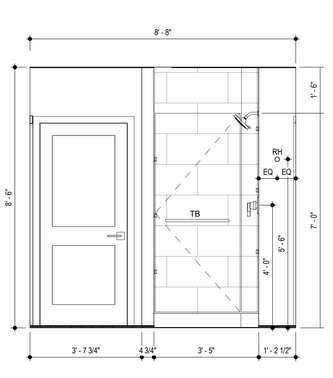
8 UNIT A1 KITCHEN ELEVATION - ISLAND

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



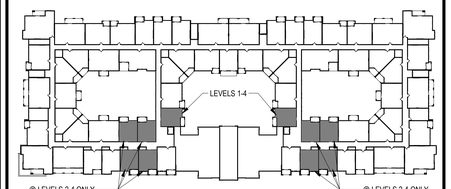
12 UNIT A1 BATHROOM ELEVATION - SINK

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



16 UNIT A1 BATHROOM ELEVATION - SHOWER

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



UNIT LOCATION PLAN

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

4.3.20

Pearl COMPANIES

Summit at West Pryor

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Lee's Summit, Missouri 64081

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DATE: 7.29.19

REVISIONS 8

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
8	REVISION 3	4.3.2020

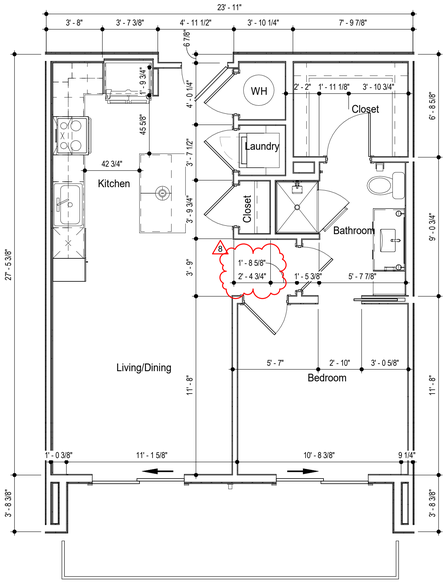
DWG BY MKSS

TR¡ PROJECT NO. 18-046

SHEET NO. 8

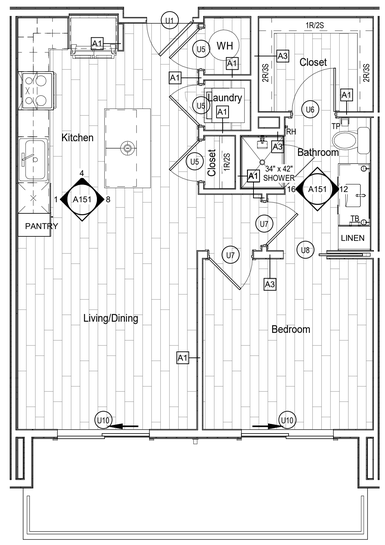
A150

UNIT 'A1' PLANS & ELEVATIONS



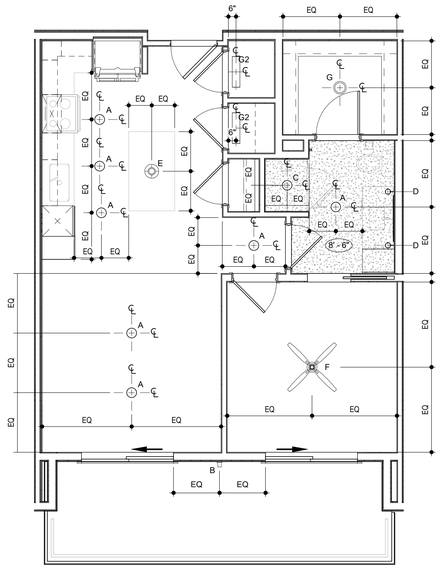
2 UNIT A2 DIMENSION PLAN

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



6 UNIT A2 REFERENCE PLAN

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



14 UNIT A2 RCP

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

SYMBOL LEGEND - UNIT PLANS

11 DOOR TAG

LIGHTING FIXTURE

CLEAR FLOOR SPACE WITH 2" TOLERANCE AREA. REFER TO NOTES FOR REQUIRED DIMENSIONS

1 Ref — A101 — 1 Ref INTERIOR ELEVATION

W2 PARTITION WALL TAG REFER TO A013

AHU = AIR HANDLER UNIT
CO = CASED OPENING
CPT = CARPET
CT = CERAMIC TILE
DW = DISHWASHER
KS = KNEE SPACE
RH = ROBE HOOK
SH = SHOWER HEAD
SR = SHOWER ROD
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T = TEMPERED GLASS

A TB = TOWEL BAR 6"
TP = TOILET PAPER DISPENSER
VP = VINYL PLANK
WH = WATER HEATER
WS = WORKSPACE
# S = # OF SHELVES

LIGHTING FIXTURE SCHEDULE

LABEL	MANUFACTURER	DESCRIPTION/MODEL	FINISH
L1	NOT USED		
B	ASTRO	OSLO 100	TEXTURED BLACK
E	HUDSON VALLEY LIGHTING GROUP	LAMBERT, #612-OB	OLD BRONZE
C	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
A	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
F	MINKA AIRE	AVIATION LED CEILING FAN, #F853L-BN/CL	COAL
G2	TBD	WALL MOUNTED LED UTILITY LIGHT	WHITE TRIM
G	TBD	11" SURFACE MOUNTED DOME FIXTURE	WHITE TRIM
D	CUSTOM	MATCH STEFAN OUTDOOR WALL SCONCE	AGED IRON

GENERAL UNIT NOTES

1. ALL WALL DIMENSIONS ARE TO STUD.
2. UNIT INTERIOR WALL TYPES ARE A1 (TYPICAL) UNLESS OTHERWISE NOTED.
3. REFER TO SHEET A011 FOR TYPICAL WALL ASSEMBLIES.
4. REFER TO SHEET A017 FOR UNIT DOOR SCHEDULE & A030 - A031 FOR DETAILS.
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6. REFER TO MEP DWGS FOR LOCATION OF SMOKE, CO & FIRE DETECTORS.
7. REFER TO SHEET A014 FOR WINDOW SCHEDULE AND A020 - A021 FOR DETAILS.
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11. PROVIDE MOISTURE RESISTANT GYPSUM DRYWALL IN ALL UNIT BATHROOM WALLS AND OTHER UNIT WETWALLS.
12. PROVIDE SOUND BATTS IN ALL CORRIDOR AND TENANT SEPARATION WALLS.
13. PROVIDE SOUND INSULATION IN WALLS AROUND ALL LAUNDRY ROOMS, PLUMBING, AND ALL HVAC CLOSETS.
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17. ALL DIMENSIONS AND NOTES STATING "CLEAR" ARE FROM FACE OF FINISH.
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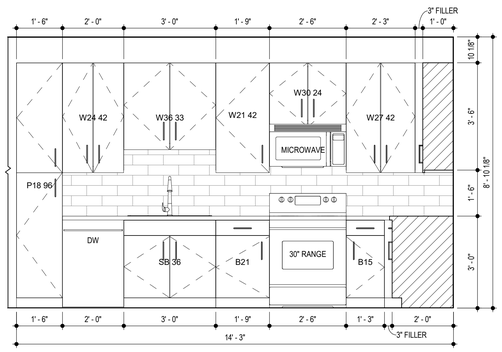
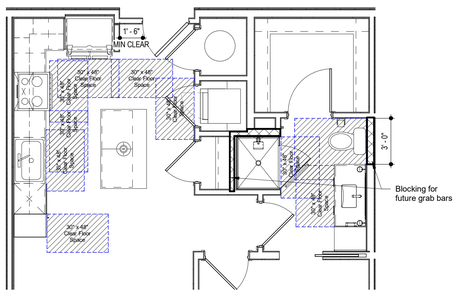
19. ALL TOWEL BARS ARE TO BE MOUNTED AT 54" A.F.F., ROBE HOOKS TO BE MOUNTED AT 66", TOWEL RINGS TO BE MOUNTED 1'-6" ABOVE COUNTER HEIGHT, AND TOILET PAPER DISPENSERS AT 18" A.F.F. UNLESS NOTED OTHERWISE. TOWEL BARS AND ROBE HOOKS IN TYPE A UNITS TO BE MOUNTED AT 48" HIGH MAX.
20. INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUT ONLY. CONTRACTOR TO VERIFY ALL DIMENSIONS. PROVIDE FILLERS AS REQUIRED. REFER TO CABINET SHOP DRAWINGS.
21. VANITY MIRRORS TO BE 42" HIGH AND TO BE MOUNTED WITH THE BOTTOM OF THE REFLECTING SURFACE NO MORE THAN 40" A.F.F IN ANSI TYPE A UNITS.
22. PROVIDE MINIMUM RATED 2A:10B:C FIRE EXTINGUISHER IN EACH KITCHEN UNDER THE SINK.
23. VERIFY ALL TUB WALL LENGHTS AND DIMENSIONS WITH ACTUAL TUB PROVIDED. CONTRACTOR TO COORDINATE FRAMING, TUB MANUFACTURER AND TUB DETAILS.
24. PROVIDE SOLID BLOCKING IN WALLS FOR FUTURE INSTALLATION OF GRAB BARS AS SHOWN ON A003, OR ALTERNATIVE MEANS OF REINFORCING THE CAVITY BETWEEN THE FIBERGLASS TUB AND THE WALL.
25. SEE ARCHITECTURAL ELEVATION, MEP AND STRUCTURAL DRAWINGS FOR EXTERIOR FEATURES THAT MAY REQUIRE BLOCKING OR OTHER CONSIDERATIONS SPECIFIC TO THE UNIT LOCATION IN THE BUILDING, SUCH AS ATTACHED SIGNAGE, LIGHTING, AWNINGS, CANOPIES, TRELLISES, SHUTTERS, FIXTURES, BUILDOUTS, CORNICES, RAILINGS, LANDSCAPE FEATURES AND ADJACENT ATTACHED STRUCTURES.
26. PROVIDE A HIGH OUTLET COVER SO THAT TV IN LIVING ROOM CAN BE MOUNTED AT 46" A.F.F. TO THE CENTER OF TV. REFER TO MEP AND TELECOM. PROVIDE 2x10 BLOCKING FOR TV MOUNTING.
27. ALL EXTERIOR SLABS TO SLOPE DOWN 1/8" TO EDGE OF SLAB. LIGHT BROOM FINISH AT SLOPED SURFACES. VERIFY WITH STRUCTURE.
28. REFER TO INTERIOR DESIGNER FINISH SCHEDULE FOR FINISHES, FOR ADDITIONAL ROOM FINISH NOTES AND SPECIFICATIONS. RE: I-006 - I-007
29. FLOOR FINISHES TO EXTEND UNDER SHELVING, WASHER/DRYER, AND REFRIGERATOR. FLOOR FINISHES EXTEND UNDER ALL RAISED COUNTERS, AND CABINETS INDICATED WITH "REMOVABLE BASE CABINET".
30. ALL SINK BASES TO BE REMOVABLE IN TYPE A UNITS. REMOVABLE BASE AT KITCHEN WORK SURFACE IN TYPE A UNITS. EXTEND FLOOR FINISH UNDER THESE REMOVABLE CABINETS
31. BATHROOM CEILING HEIGHT 8' - 6" AFF.
32. SHOWER HEAD HEIGHT 7'-0" AFF, SHOWER CONTROL HEIGHT 4'-0" AFF.
33. TUB/SHOWER COMBO SHOWER HEAD HEIGHT 7'-0" AFF, CONTROL 3'-0" AFF, TUB FAUCET 2'-0" AFF.
34. FOR UNIT DETAILS RE: A170-A171



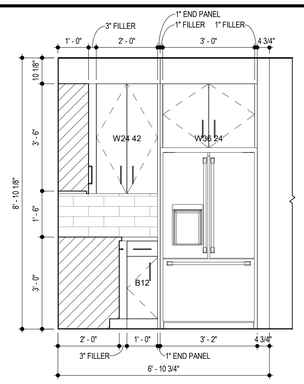
1 UNIT A2 KITCHEN ELEVATION - RANGE

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



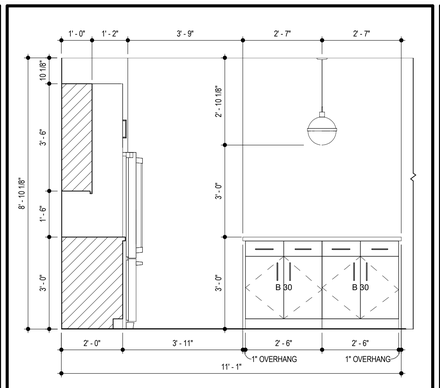
11 UNIT A2 C.F.S.

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



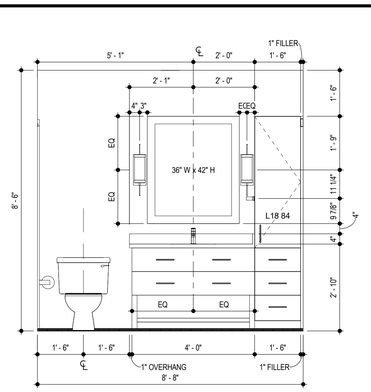
4 UNIT A2 CASEWORK ELEVATION - REFRIGERATOR

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



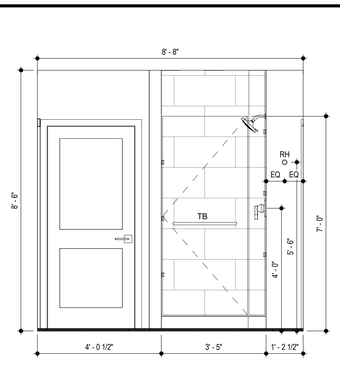
8 UNIT A2 KITCHEN ELEVATION - ISLAND

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



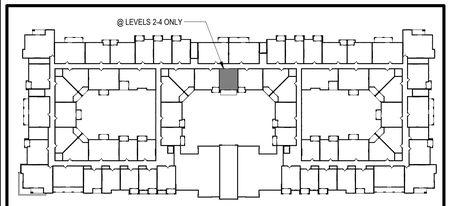
12 UNIT A2 BATHROOM ELEVATION - SINK

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



16 UNIT A2 BATHROOM ELEVATION - SHOWER

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



UNIT LOCATION PLAN

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DATE: 7.29.19

REVISIONS 6

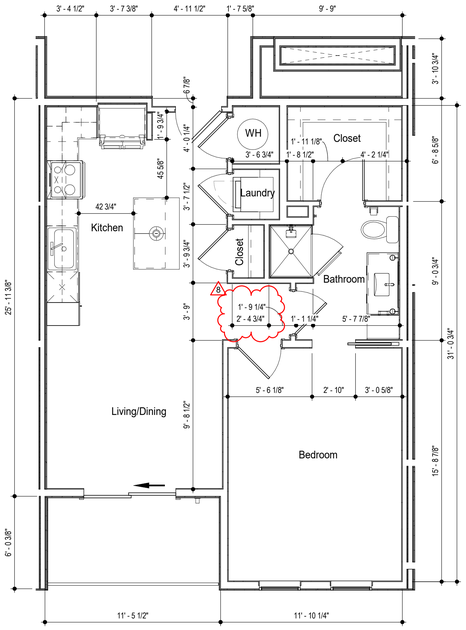
	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
8	REVISION 3	4.3.2020

DWG BY MKSS

TR¡ PROJECT NO. 18-046

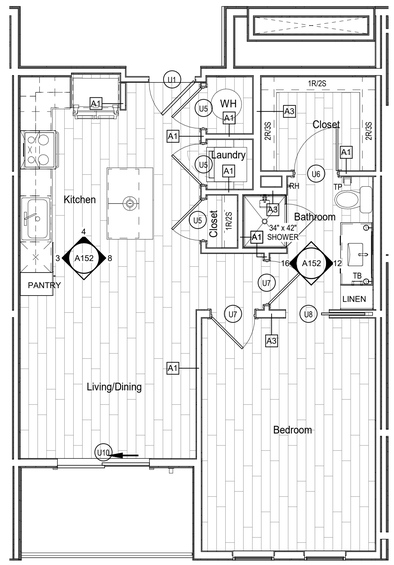
SHEET NO. A151 6

UNIT 'A2' PLANS & ELEVATIONS



2 UNIT A3 DIMENSION PLAN

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



6 UNIT A3 REFERENCE PLAN

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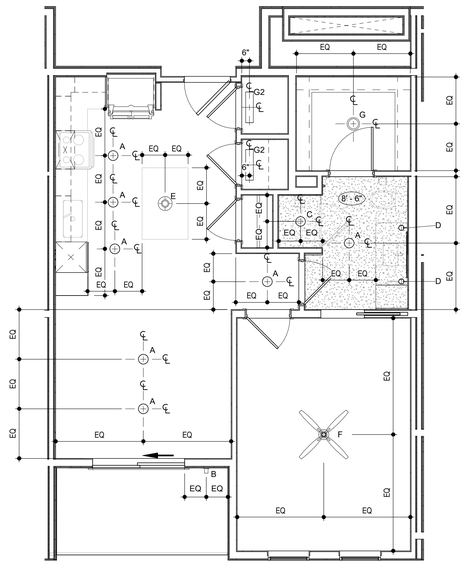

14 UNIT A3 RCP

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

SYMBOL LEGEND - UNIT PLANS

- 11 — DOOR TAG
- LIGHTING FIXTURE
- 1 Ref / A101 / 1 Ref — INTERIOR ELEVATION
- CLEAR FLOOR SPACE WITH 2" TOLERANCE AREA. REFER TO NOTES FOR REQUIRED DIMENSIONS
- W2 — PARTITION WALL TAG REFER TO A013

AHU = AIR HANDLER UNIT
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CPT = CARPET
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TB = TOWEL BAR 6"
TP = TOILET PAPER DISPENSER
VP = VINYL PLANK
WH = WATER HEATER
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# S = # OF SHELVES

LIGHTING FIXTURE SCHEDULE

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E	HUDSON VALLEY LIGHTING GROUP	LAMBERT, #612-OB	OLD BRONZE
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A	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
F	MINKA AIRE	AVIATION LED CEILING FAN, #F853L-BNI/CL	COAL
G2	TBD	WALL MOUNTED LED UTILITY LIGHT	WHITE TRIM
G	TBD	11" SURFACE MOUNTED DOME FIXTURE	WHITE TRIM
D	CUSTOM	MATCH STEFAN OUTDOOR WALL SCONCE	AGED IRON

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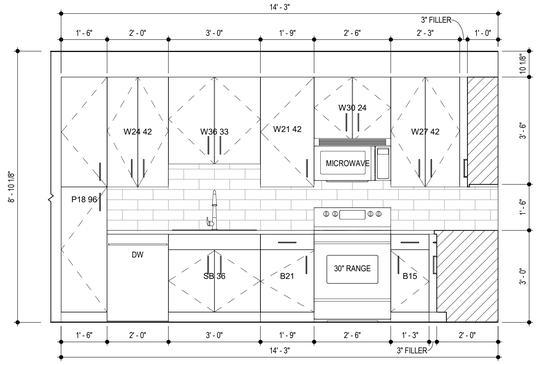
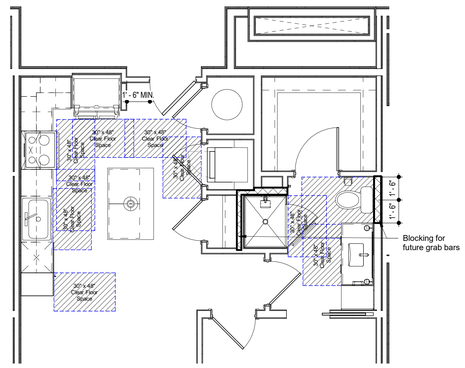


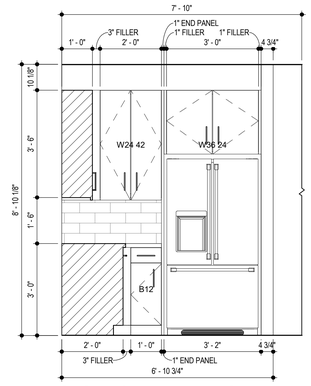
3 UNIT A3 KITCHEN ELEVATION - RANGE

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



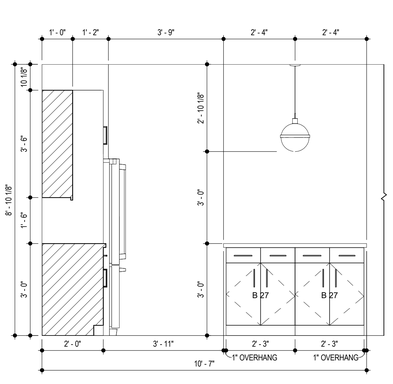
11 UNIT A3 C.F.S.

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



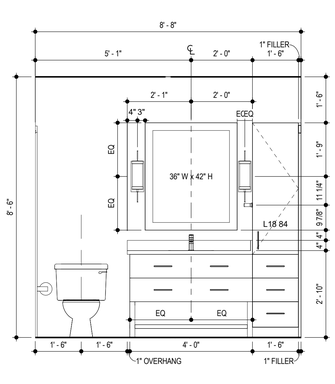
4 UNIT A3 CASEWORK ELEVATION - REFRIGERATOR

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



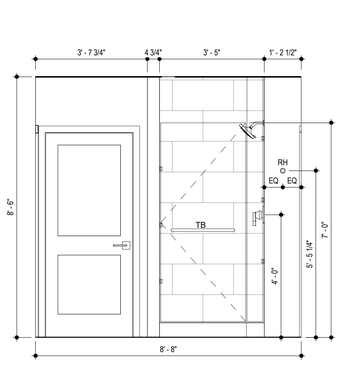
8 UNIT A3 KITCHEN ELEVATION - ISLAND

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



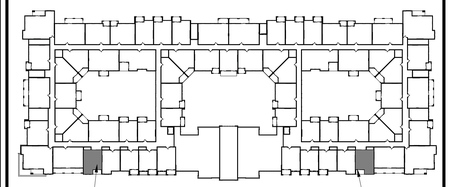
12 UNIT A3 BATHROOM ELEVATION - SINK

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



16 UNIT A3 BATHROOM ELEVATION - SHOWER

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



UNIT LOCATION PLAN

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

4.3.20

Pearl COMPANIES

Summit at West Pryor

940 NW Pryor Road
Lee's Summit, Missouri 64081

TRi ARCHITECTS

TRi Architects
9812 Manchester Road
St. Louis, Missouri 63119
T: 314-395-9750
F: 314-395-9751

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DATE: 7.29.19

REVISIONS 6

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
8	REVISION 3	4.3.2020

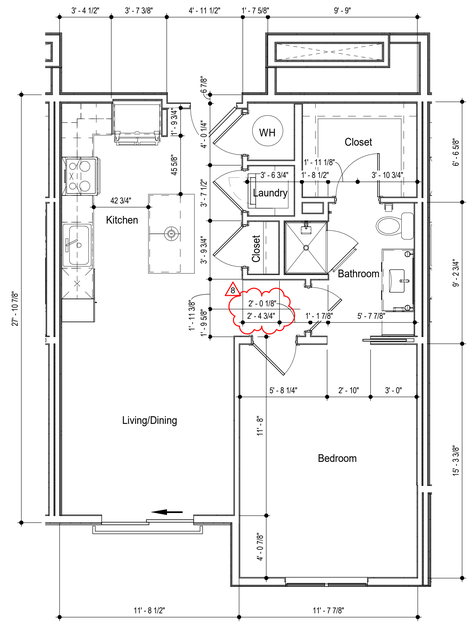
DWG BY MKSS

TR¡ PROJECT NO. 18-046

SHEET NO. 6

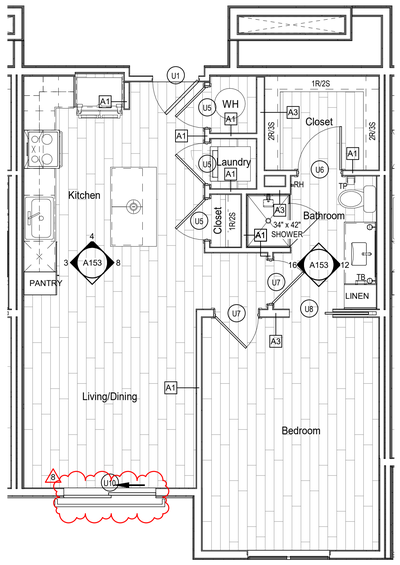
A152

UNIT 'A3' PLANS & ELEVATIONS



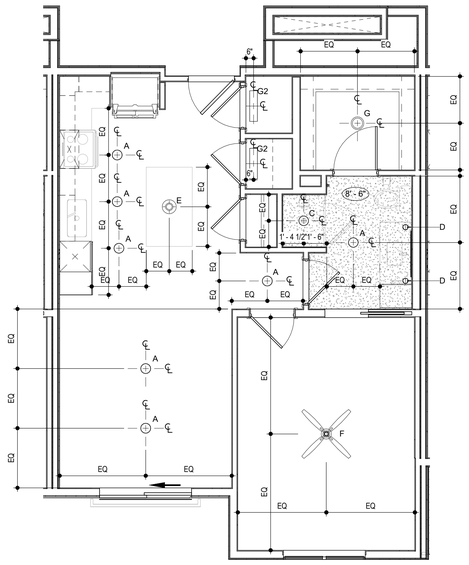
2 UNIT A4 DIMENSION PLAN

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



6 UNIT A4 REFERENCE PLAN

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



14 UNIT A4 RCP

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

SYMBOL LEGEND - UNIT PLANS

- 11 — DOOR TAG
- LIGHTING FIXTURE
- 1 Ref / A101 / 1 Ref — INTERIOR ELEVATION
- CLEAR FLOOR SPACE WITH 2" TOLERANCE AREA. REFER TO NOTES FOR REQUIRED DIMENSIONS
- W2 — PARTITION WALL TAG REFER TO A013

AHU = AIR HANDLER UNIT
CO = CASED OPENING
CPT = CARPET
CT = CERAMIC TILE
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TB = TOWEL BAR 6"
TP = TOILET PAPER DISPENSER
VP = VINYL PLANK
WH = WATER HEATER
WS = WORKSPACE
# S = # OF SHELVES

LIGHTING FIXTURE SCHEDULE

LABEL	MANUFACTURER	DESCRIPTION/MODEL	FINISH
L1	NOT USED		
B	ASTRO	OSLO 100	TEXTURED BLACK
E	HUDSON VALLEY LIGHTING GROUP	LAMBERT, #612-OB	OLD BRONZE
C	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
A	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
F	MINKA AIRE	AVIATION LED CEILING FAN, #F853L-BNICL	COAL
G2	TBD	WALL MOUNTED LED UTILITY LIGHT	WHITE TRIM
G	TBD	11" SURFACE MOUNTED DOME FIXTURE	WHITE TRIM
D	CUSTOM	MATCH STEFAN OUTDOOR WALL SCONCE	AGED IRON

GENERAL UNIT NOTES

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4. REFER TO SHEET A017 FOR UNIT DOOR SCHEDULE & A030 - A031 FOR DETAILS.
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24. PROVIDE SOLID BLOCKING IN WALLS FOR FUTURE INSTALLATION OF GRAB BARS AS SHOWN ON A003, OR ALTERNATIVE MEANS OF REINFORCING THE CAVITY BETWEEN THE FIBERGLASS TUB AND THE WALL.
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26. PROVIDE A HIGH OUTLET COVER SO THAT TV IN LIVING ROOM CAN BE MOUNTED AT 46" A.F.F. TO THE CENTER OF TV. REFER TO MEP AND TELECOM. PROVIDE 2x10 BLOCKING FOR TV MOUNTING.
27. ALL EXTERIOR SLABS TO SLOPE DOWN 1/8" TO EDGE OF SLAB. LIGHT BROOM FINISH AT SLOPED SURFACES. VERIFY WITH STRUCTURE.
28. REFER TO INTERIOR DESIGNER FINISH SCHEDULE FOR FINISHES, FOR ADDITIONAL ROOM FINISH NOTES AND SPECIFICATIONS. RE: I-006 - I-007
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30. ALL SINK BASES TO BE REMOVABLE IN TYPE A UNITS. REMOVABLE BASE AT KITCHEN WORK SURFACE IN TYPE A UNITS. EXTEND FLOOR FINISH UNDER THESE REMOVABLE CABINETS
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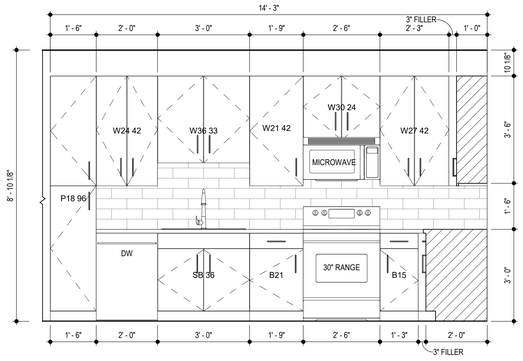
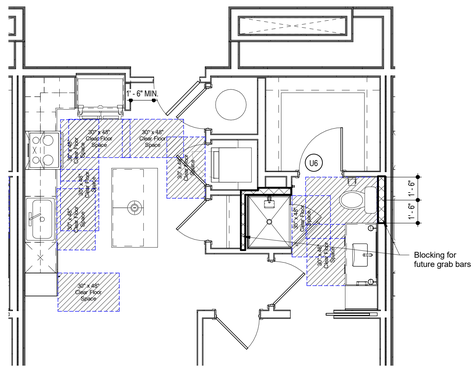
34. FOR UNIT DETAILS RE: A170-A171



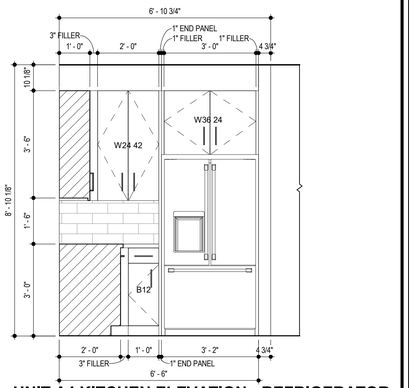
3 UNIT A4 KITCHEN ELEVATION - RANGE

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



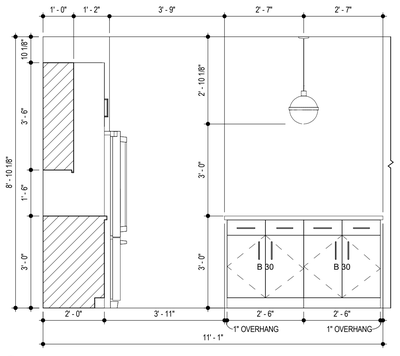
11 UNIT A4 C.F.S

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



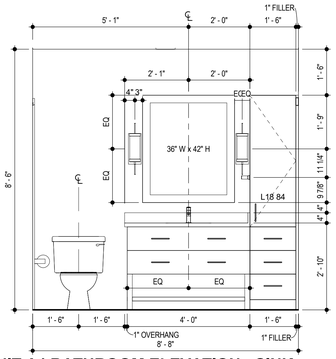
4 UNIT A4 KITCHEN ELEVATION - REFRIGERATOR

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



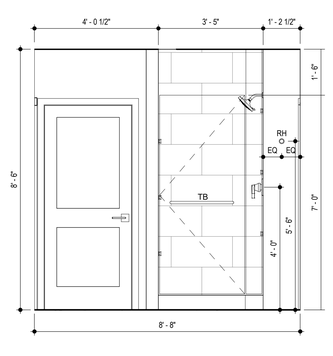
8 UNIT A4 KITCHEN ELEVATION - ISLAND

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



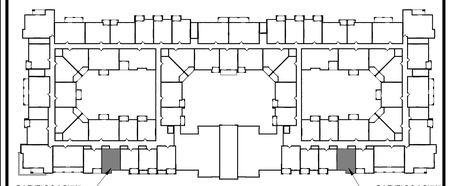
12 UNIT A4 BATHROOM ELEVATION - SINK

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



16 UNIT A4 BATHROOM ELEVATION - SHOWER

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



UNIT LOCATION PLAN

4.3.20

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

TR.i ARCHITECTS
BOB D CAMPBELL & COMPANY
RENAISSANCE INFRASTRUCTURE CONSULTING
BRINKMANN CONSTRUCTORS
LATIMER SOMMERS & ASSOCIATES
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940 NW Pryor Road
Lee's Summit, Missouri 64081

TRi ARCHITECTS

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9812 Manchester Road
St. Louis, Missouri 63119
T: 314-395-9750
F: 314-395-9751

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DATE: 7.29.19

REVISIONS / #

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
8	REVISION 3	4.3.2020

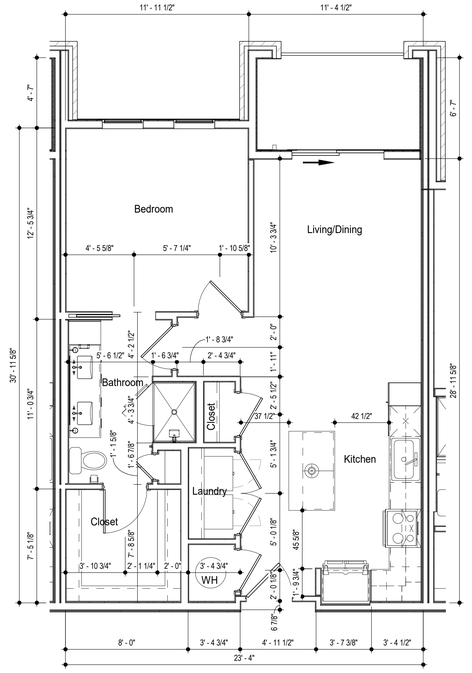
DWG BY MKSS

TR.i PROJECT NO. 18-046

SHEET NO.

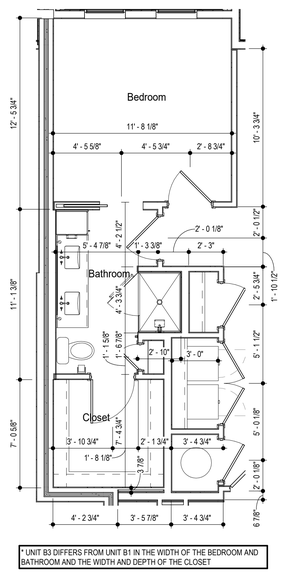
A153

UNIT 'A4' PLANS & ELEVATIONS



2 UNIT B1 DIMENSION PLAN

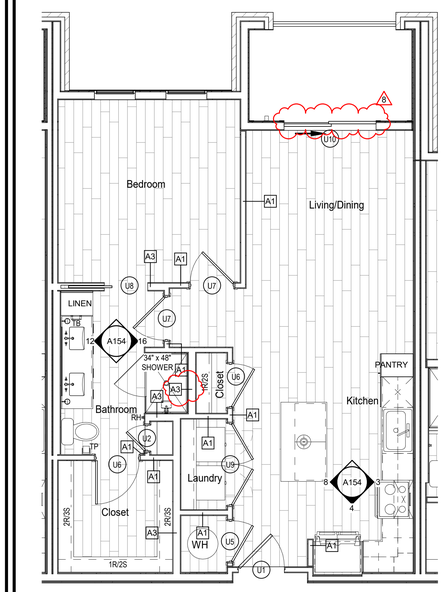
SCALE: 1/4" = 1'-0"



* UNIT B3 DIFFERS FROM UNIT B1 IN THE WIDTH OF THE BEDROOM AND BATHROOM AND THE WIDTH AND DEPTH OF THE CLOSET

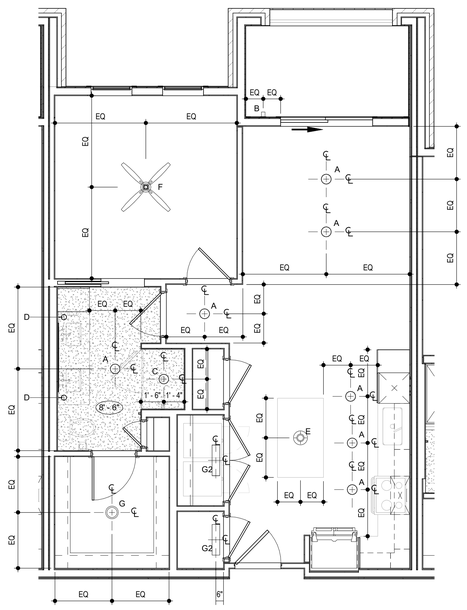
6 UNIT B3 DIMENSION PLAN

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



10 UNIT B1 REFERENCE PLAN

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



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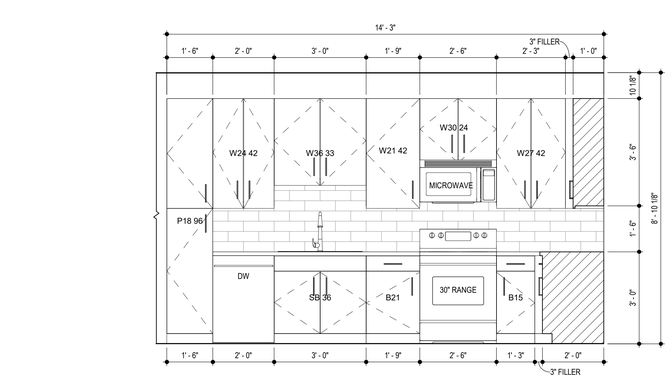
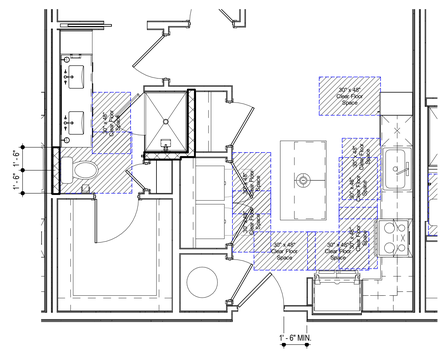


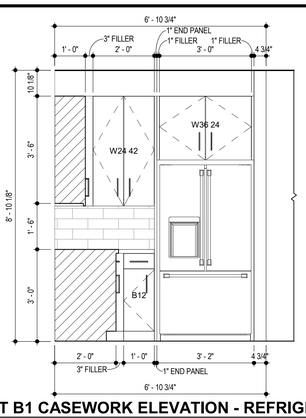
3 UNIT B1 KITCHEN ELEVATION - RANGE

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



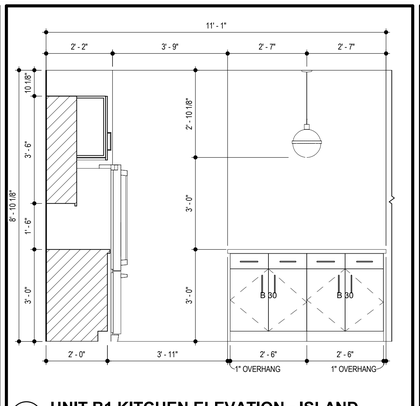
11 UNIT B1 C.F.S.

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



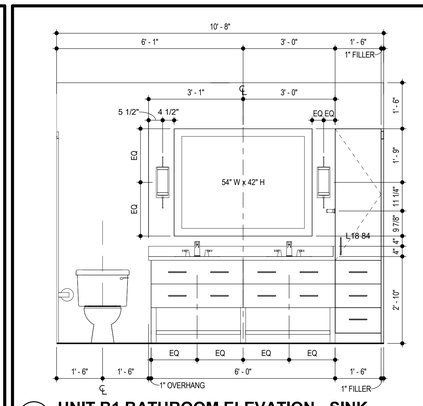
4 UNIT B1 CASEWORK ELEVATION - REFRIGERATOR

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



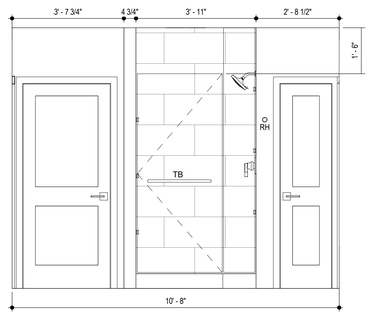
8 UNIT B1 KITCHEN ELEVATION - ISLAND

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



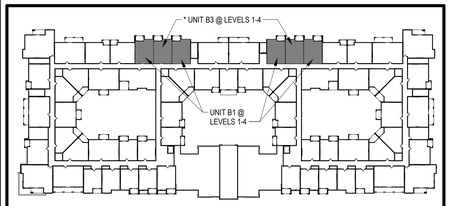
12 UNIT B1 BATHROOM ELEVATION - SINK

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



16 UNIT B1 BATHROOM ELEVATION - SHOWER

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



UNIT LOCATION PLAN

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

4.3.20

Pearl COMPANIES

Summit at West Pryor

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TR.i Architects
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DATE: 7.29.19

REVISIONS A

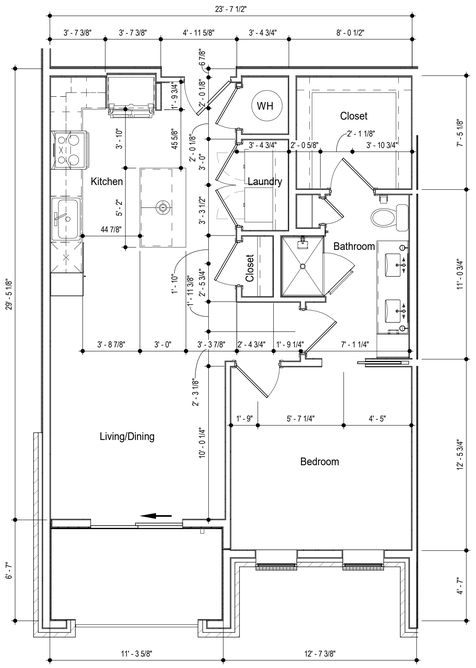
	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
8	REVISION 3	4.3.2020

DWG BY MKSS

TR.i PROJECT NO. 18-046

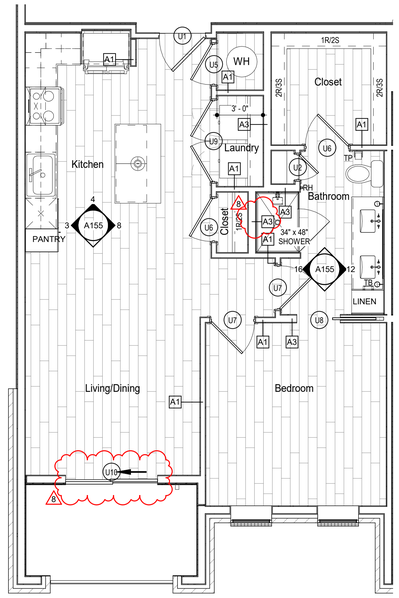
SHEET NO. A154 A

UNIT 'B1' & 'B3' PLANS & ELEVATIONS



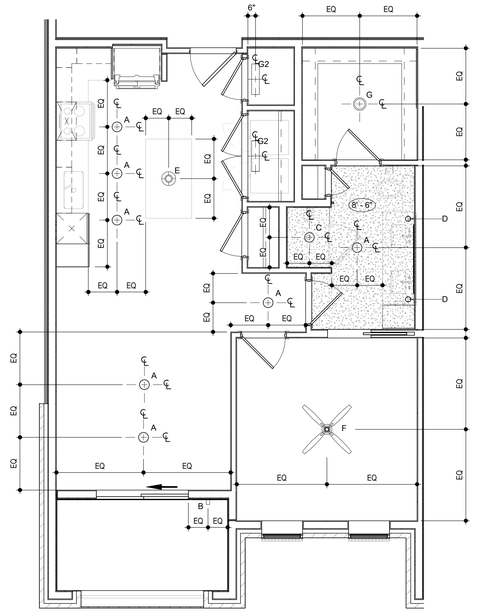
2 UNIT B2 DIMENSION PLAN

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



6 UNIT B2 REFERENCE PLAN

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



14 UNIT B2 RCP

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

SYMBOL LEGEND - UNIT PLANS

- 11 — DOOR TAG
- LIGHTING FIXTURE
- 1 Ref / A101 / 1 Ref — INTERIOR ELEVATION
- CLEAR FLOOR SPACE WITH 2" TOLERANCE AREA. REFER TO NOTES FOR REQUIRED DIMENSIONS
- W2 — PARTITION WALL TAG REFER TO A013

AHU = AIR HANDLER UNIT
CO = CASED OPENING
CPT = CARPET
CT = CERAMIC TILE
DW = DISHWASHER
KS = KNEE SPACE
RH = ROBE HOOK
SH = SHOWER HEAD
SR = SHOWER ROD
SRO = SHEETROCK OPENING
T = TEMPERED GLASS

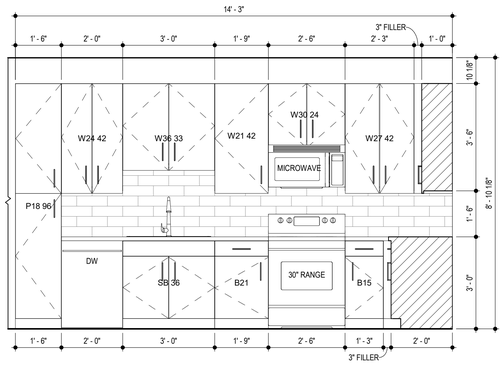
A
TB = TOWEL BAR 6"
TP = TOILET PAPER DISPENSER
VP = VINYL PLANK
WH = WATER HEATER
WS = WORKSPACE
# S = # OF SHELVES

LIGHTING FIXTURE SCHEDULE

LABEL	MANUFACTURER	DESCRIPTION/MODEL	FINISH
L1	NOT USED		
B	ASTRO	OSLO 100	TEXTURED BLACK
E	HUDSON VALLEY LIGHTING GROUP	LAMBERT, #612-OB	OLD BRONZE
C	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
A	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
F	MINKA AIRE	AVIATION LED CEILING FAN, #F853L-BN/CL	COAL
G2	TBD	WALL MOUNTED LED UTILITY LIGHT	WHITE TRIM
G	TBD	11" SURFACE MOUNTED DOME FIXTURE	WHITE TRIM
D	CUSTOM	MATCH STEFAN OUTDOOR WALL SCONCE	AGED IRON

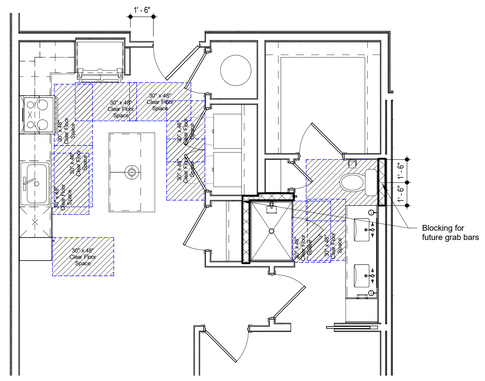
GENERAL UNIT NOTES

1. ALL WALL DIMENSIONS ARE TO STUD.
2. UNIT INTERIOR WALL TYPES ARE A1 (TYPICAL) UNLESS OTHERWISE NOTED.
3. REFER TO SHEET A011 FOR TYPICAL WALL ASSEMBLIES.
4. REFER TO SHEET A017 FOR UNIT DOOR SCHEDULE & A030 - A031 FOR DETAILS.
5. ALL INTERIOR DOORS SHALL ALLOW 3/4" AIRFLOW FOR RETURN AT BOTTOM OF DOOR.
6. REFER TO MEP DWGS FOR LOCATION OF SMOKE, CO & FIRE DETECTORS.
7. REFER TO SHEET A014 FOR WINDOW SCHEDULE AND A020 - A021 FOR DETAILS.
8. ALL EXTERIOR WINDOWS SHALL MEET ALL FEDERAL, STATE AND ANY LOCAL GLAZING STANDARDS. ALL SLIDING GLASS DOORS SHALL HAVE PIN LOCKS.
9. BEDROOM SHALL HAVE A MINIMUM OF ONE OPENING WHICH MEETS EGRESS REQUIREMENTS. 20" NET CLEAR WIDTH, 24" NET CLEAR HEIGHT. 5.7 SQFT. NET CLEAR OPENABLE AREA AND SHALL BE 44" MAXIMUM FROM FINISH FLOOR TO TOP OF SILL AS REQUIRED PER IBC-2009 SECTION 1029.
10. REFER TO BUILDING PLANS FOR CORRIDOR AND DEMISING WALL TYPES.
11. PROVIDE MOISTURE RESISTANT GYPSUM DRYWALL IN ALL UNIT BATHROOM WALLS AND OTHER UNIT WETWALLS.
12. PROVIDE SOUND BATTS IN ALL CORRIDOR AND TENANT SEPARATION WALLS.
13. PROVIDE SOUND INSULATION IN WALLS AROUND ALL LAUNDRY ROOMS, PLUMBING, AND ALL HVAC CLOSETS.
14. REFER TO STRUCTURAL DRAWINGS FOR SHEARWALL AND BEARING WALL LOCATIONS.
15. VERTICAL MECHANICAL CHASES WITHIN UNITS ARE TO BE FIRE STOPPED PER LOCAL REQUIREMENTS.
16. ALL ANGLES ARE 45° TO HORIZONTAL & VERTICAL DIRECTIONS, U.N.O. TYP. AT ALL UNITS.
17. ALL DIMENSIONS AND NOTES STATING "CLEAR" ARE FROM FACE OF FINISH.
18. REFER TO A003 & A004 FOR ALL INTERIOR FAIR HOUSING ACT AND OTHER ACCESSIBILITY REQUIREMENTS.
19. ALL TOWEL BARS ARE TO BE MOUNTED AT 54" A.F.F., ROBE HOOKS TO BE MOUNTED AT 66", TOWEL RINGS TO BE MOUNTED 1'-6" ABOVE COUNTER HEIGHT, AND TOILET PAPER DISPENSERS AT 18" A.F.F. UNLESS NOTED OTHERWISE. TOWEL BARS AND ROBE HOOKS IN TYPE A UNITS TO BE MOUNTED AT 48" HIGH MAX.
20. INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUT ONLY. CONTRACTOR TO VERIFY ALL DIMENSIONS. PROVIDE FILLERS AS REQUIRED. REFER TO CABINET SHOP DRAWINGS.
21. VANITY MIRRORS TO BE 42" HIGH AND TO BE MOUNTED WITH THE BOTTOM OF THE REFLECTING SURFACE NO MORE THAN 40" A.F.F IN ANSI TYPE A UNITS.
22. PROVIDE MINIMUM RATED 2A:10B:C FIRE EXTINGUISHER IN EACH KITCHEN UNDER THE SINK.
23. VERIFY ALL TUB WALL LENGHTS AND DIMENSIONS WITH ACTUAL TUB PROVIDED. CONTRACTOR TO COORDINATE FRAMING, TUB MANUFACTURER AND TUB DETAILS.
24. PROVIDE SOLID BLOCKING IN WALLS FOR FUTURE INSTALLATION OF GRAB BARS AS SHOWN ON A003, OR ALTERNATIVE MEANS OF REINFORCING THE CAVITY BETWEEN THE FIBERGLASS TUB AND THE WALL.
25. SEE ARCHITECTURAL ELEVATION, MEP AND STRUCTURAL DRAWINGS FOR EXTERIOR FEATURES THAT MAY REQUIRE BLOCKING OR OTHER CONSIDERATIONS SPECIFIC TO THE UNIT LOCATION IN THE BUILDING, SUCH AS ATTACHED SIGNAGE, LIGHTING, AWNINGS, CANOPIES, TRELLISES, SHUTTERS, FIXTURES, BUILDOUTS, CORNICES, RAILINGS, LANDSCAPE FEATURES AND ADJACENT ATTACHED STRUCTURES.
26. PROVIDE A HIGH OUTLET COVER SO THAT TV IN LIVING ROOM CAN BE MOUNTED AT 46" A.F.F. TO THE CENTER OF TV. REFER TO MEP AND TELECOM. PROVIDE 2x10 BLOCKING FOR TV MOUNTING.
27. ALL EXTERIOR SLABS TO SLOPE DOWN 1/8" TO EDGE OF SLAB. LIGHT BROOM FINISH AT SLOPED SURFACES. VERIFY WITH STRUCTURE.
28. REFER TO INTERIOR DESIGNER FINISH SCHEDULE FOR FINISHES, FOR ADDITIONAL ROOM FINISH NOTES AND SPECIFICATIONS. RE: I-006 - I-007
29. FLOOR FINISHES TO EXTEND UNDER SHELVING, WASHER/DRYER, AND REFRIGERATOR. FLOOR FINISHES EXTEND UNDER ALL RAISED COUNTERS, AND CABINETS INDICATED WITH "REMOVABLE BASE CABINET".
30. ALL SINK BASES TO BE REMOVABLE IN TYPE A UNITS. REMOVABLE BASE AT KITCHEN WORK SURFACE IN TYPE A UNITS. EXTEND FLOOR FINISH UNDER THESE REMOVABLE CABINETS
31. BATHROOM CEILING HEIGHT 8' - 6" AFF.
32. SHOWER HEAD HEIGHT 7'-0" AFF, SHOWER CONTROL HEIGHT 4'-0" AFF.
33. TUB/SHOWER COMBO SHOWER HEAD HEIGHT 7'-0" AFF, CONTROL 3'-0" AFF, TUB FAUCET 2'-0" AFF.
34. FOR UNIT DETAILS RE: A170-A171



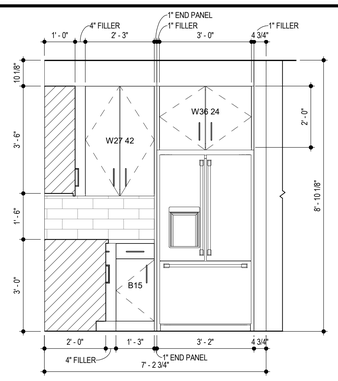
3 UNIT B2 KITCHEN ELEVATION - RANGE

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



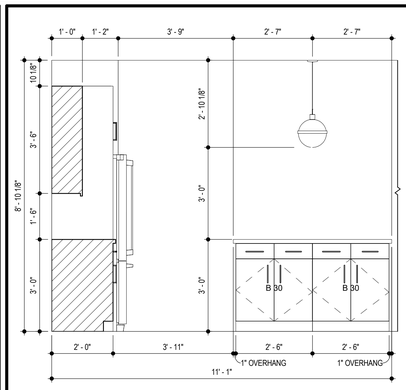
11 UNIT B2 C.F.S

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



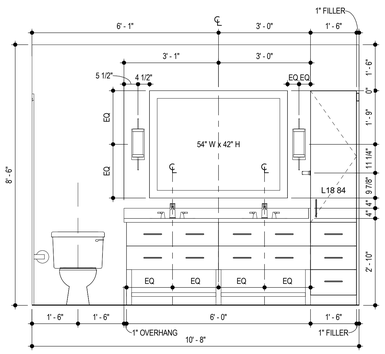
4 UNIT B2 KITCHEN ELEVATION - REFRIGERATOR

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



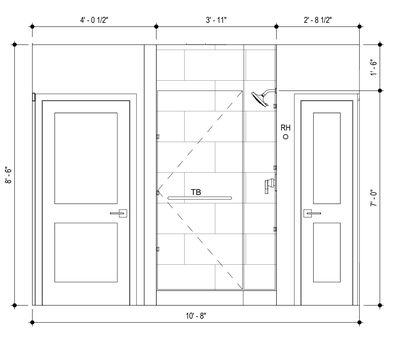
8 UNIT B2 KITCHEN ELEVATION ISLAND

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



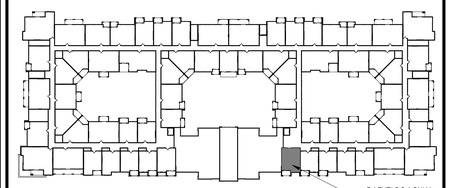
12 UNIT B2 BATHROOM ELEVATION - SINK

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



16 UNIT B2 BATHROOM ELEVATION - SHOWER

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



UNIT LOCATION PLAN

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

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DATE: 7.29.19

REVISIONS

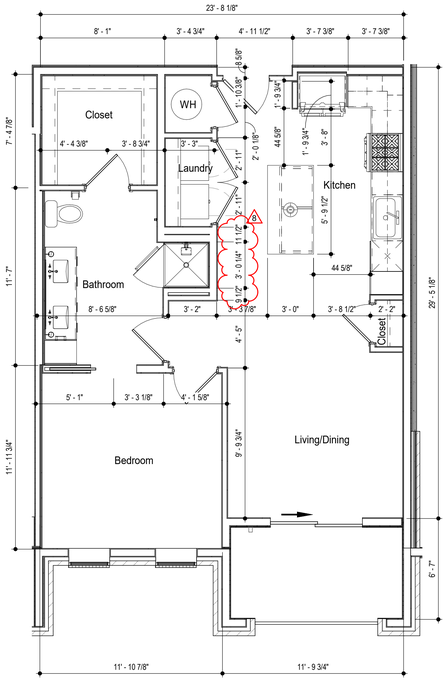
	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
8	REVISION 3	4.3.2020

DWG BY MKSS

TR¡ PROJECT NO. 18-046

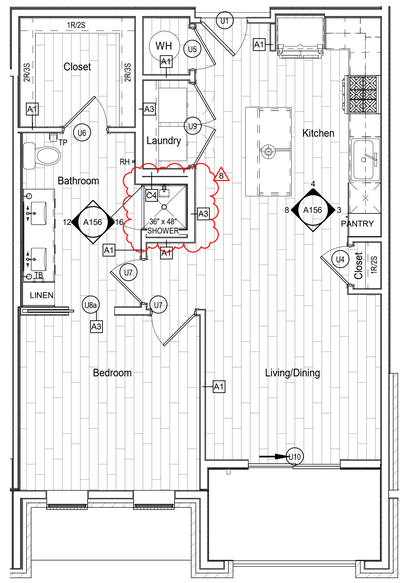
SHEET NO. A155 (6)

UNIT 'B2' PLANS & ELEVATIONS



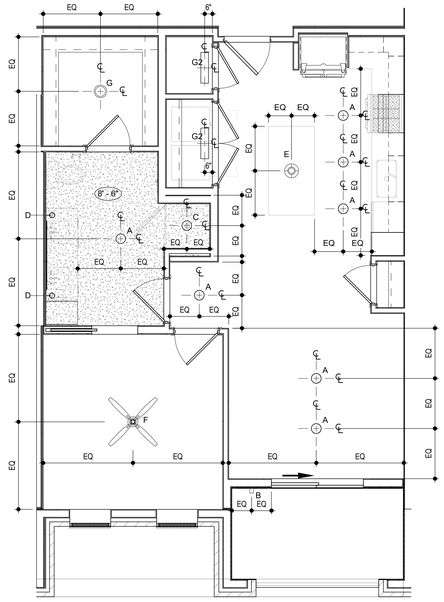
2 UNIT B2 - TYPE A DIMENSION PLAN

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



6 UNIT B2 - TYPE A REFERENCE PLAN

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



14 UNIT B2 - TYPE A RCP

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

SYMBOL LEGEND - UNIT PLANS

11 DOOR TAG

LIGHTING FIXTURE

1 Ref / A101 / 1 Ref INTERIOR ELEVATION

CLEAR FLOOR SPACE WITH 2" TOLERANCE AREA. REFER TO NOTES FOR REQUIRED DIMENSIONS

V2 PARTITION WALL TAG REFER TO A013

AHU = AIR HANDLER UNIT
CO = CASED OPENING
CPT = CARPET
CT = CERAMIC TILE
DW = DISHWASHER
KS = KNEE SPACE
RH = ROBE HOOK
SH = SHOWER HEAD
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SRO = SHEETROCK OPENING
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B
TB = TOWEL BAR 6"
TP = TOILET PAPER DISPENSER
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# S = # OF SHELVES

LIGHTING FIXTURE SCHEDULE

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E	HUDSON VALLEY LIGHTING GROUP	LAMBERT, #612-OB	OLD BRONZE
C	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
A	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
F	MINKA AIRE	AVIATION LED CEILING FAN, #F853L-BN/CL	COAL
G2	TBD	WALL MOUNTED LED UTILITY LIGHT	WHITE TRIM
G	TBD	11" SURFACE MOUNTED DOME FIXTURE	WHITE TRIM
D	CUSTOM	MATCH STEFAN OUTDOOR WALL SCONCE	AGED IRON

GENERAL UNIT NOTES

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4. REFER TO SHEET A017 FOR UNIT DOOR SCHEDULE & A030 - A031 FOR DETAILS.
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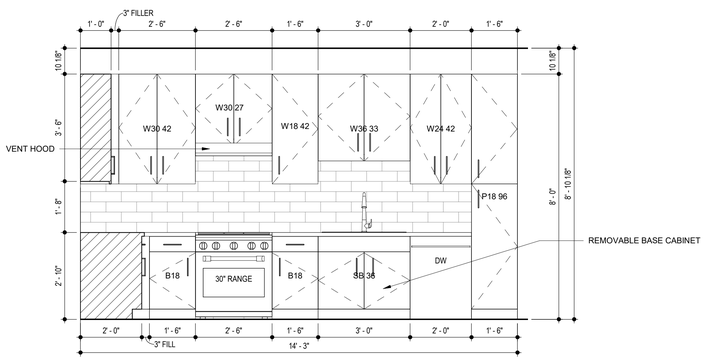
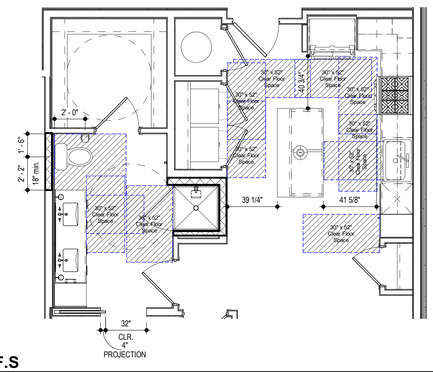
32. SHOWER HEAD HEIGHT 7'-0" AFF, SHOWER CONTROL HEIGHT 4'-0" AFF.
33. TUB/SHOWER COMBO SHOWER HEAD HEIGHT 7'-0" AFF, CONTROL 3'-0" AFF, TUB FAUCET 2'-0" AFF.
34. FOR UNIT DETAILS RE: A170-A171



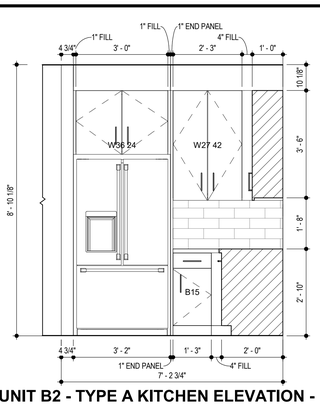
3 UNIT B2 - TYPE A KITCHEN ELEVATION - RANGE

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



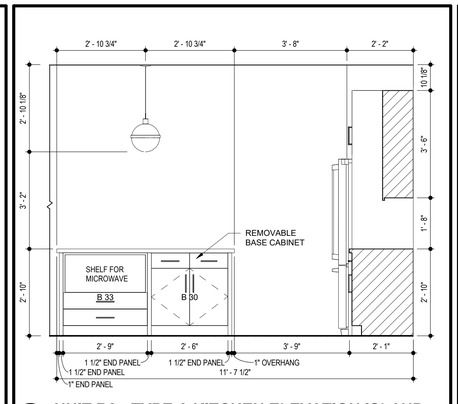
11 UNIT B2 - TYPE A C.F.S

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



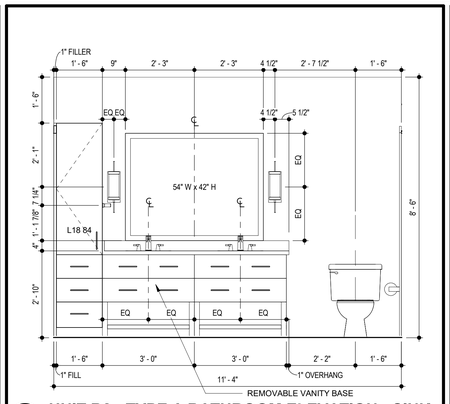
4 UNIT B2 - TYPE A KITCHEN ELEVATION - REFRIGERATOR

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



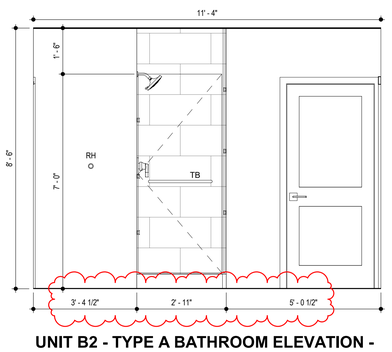
8 UNIT B2 - TYPE A KITCHEN ELEVATION ISLAND

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



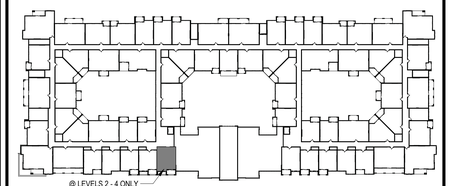
12 UNIT B2 - TYPE A BATHROOM ELEVATION - SINK

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



16 UNIT B2 - TYPE A BATHROOM ELEVATION - SHOWER

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



@ LEVELS 2 - 4 ONLY

UNIT LOCATION PLAN

4.3.20

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

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DATE: 7.29.19

REVISIONS /8

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
8	REVISION 3	4.3.2020

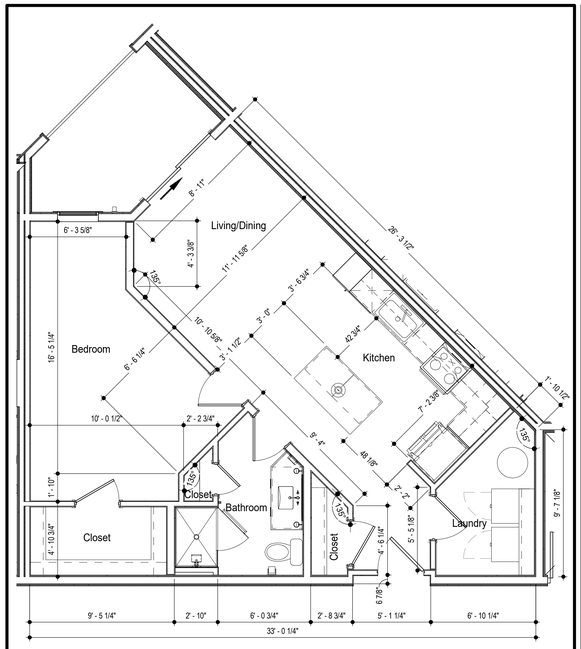
DWG BY Author

TR;i PROJECT NO. 18-046

SHEET NO. /8

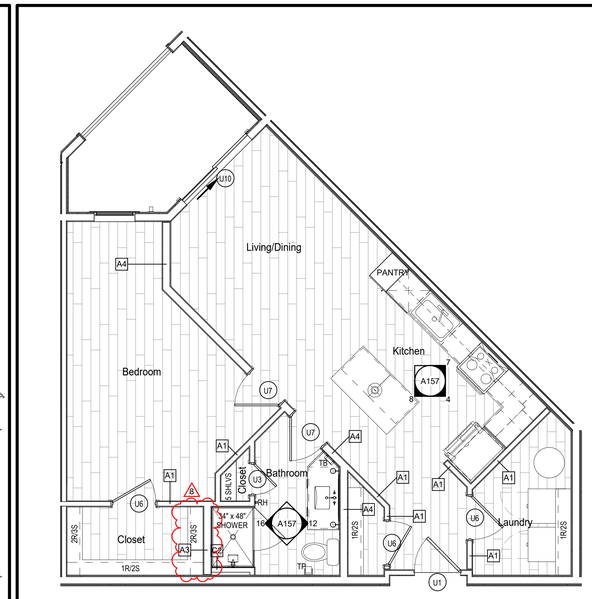
A156

UNIT 'B2-TYPE A' PLANS & ELEVATIONS



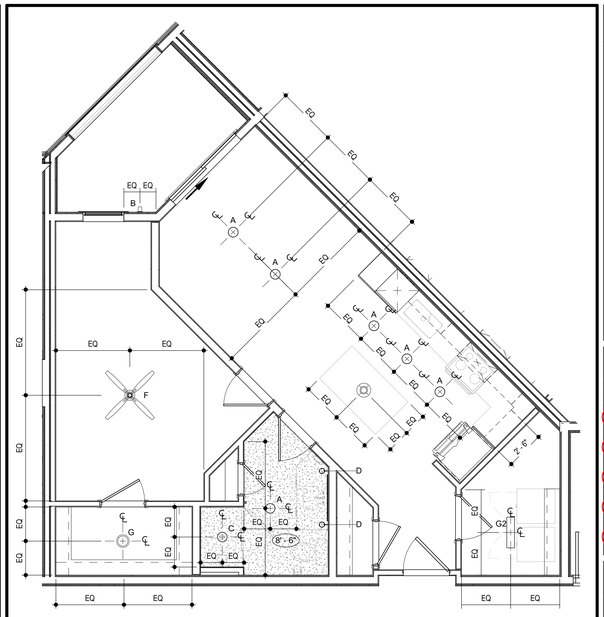
2 UNIT C1 DIMENSION PLAN

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



6 UNIT C1 REFERENCE PLAN

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



14 UNIT C1 RCP

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

SYMBOL LEGEND - UNIT PLANS

- 1t — DOOR TAG
- LIGHTING FIXTURE
- 1 Ref / A101 / 1 Ref — INTERIOR ELEVATION
- CLEAR FLOOR SPACE WITH 2" TOLERANCE AREA. REFER TO NOTES FOR REQUIRED DIMENSIONS
- W2 — PARTITION WALL TAG REFER TO A013

AHU = AIR HANDLER UNIT
CO = CASED OPENING
CPT = CARPET
CT = CERAMIC TILE
DW = DISHWASHER
KS = KNEE SPACE
RH = ROBE HOOK
SH = SHOWER HEAD
SR = SHOWER ROD
SRO = SHEETROCK OPENING
T = TEMPERED GLASS

A
TB = TOWEL BAR 6"
TP = TOILET PAPER DISPENSER
VP = VINYL PLANK
WH = WATER HEATER
WS = WORKSPACE
# S = # OF SHELVES

LIGHTING FIXTURE SCHEDULE

LABEL	MANUFACTURER	DESCRIPTION/MODEL	FINISH
L1	NOT USED		
B	ASTRO	OSLO 100	TEXTURED BLACK
E	HUDSON VALLEY LIGHTING GROUP	LAMBERT, #612-OB	OLD BRONZE
C	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
A	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
F	MINKA AIRE	AVIATION LED CEILING FAN, #F853L-BN/CL	COAL
G2	TBD	WALL MOUNTED LED UTILITY LIGHT	WHITE TRIM
G	TBD	11" SURFACE MOUNTED DOME FIXTURE	WHITE TRIM
D	CUSTOM	MATCH STEFAN OUTDOOR WALL SCONCE	AGED IRON

GENERAL UNIT NOTES

1. ALL WALL DIMENSIONS ARE TO STUD.
2. UNIT INTERIOR WALL TYPES ARE A1 (TYPICAL) UNLESS OTHERWISE NOTED.
3. REFER TO SHEET A011 FOR TYPICAL WALL ASSEMBLIES.
4. REFER TO SHEET A017 FOR UNIT DOOR SCHEDULE & A030 - A031 FOR DETAILS.
5. ALL INTERIOR DOORS SHALL ALLOW 3/4" AIRFLOW FOR RETURN AT BOTTOM OF DOOR.
6. REFER TO MEP DWGS FOR LOCATION OF SMOKE, CO & FIRE DETECTORS.
7. REFER TO SHEET A014 FOR WINDOW SCHEDULE AND A020 - A021 FOR DETAILS.
8. ALL EXTERIOR WINDOWS SHALL MEET ALL FEDERAL, STATE AND ANY LOCAL GLAZING STANDARDS. ALL SLIDING GLASS DOORS SHALL HAVE PIN LOCKS.
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11. PROVIDE MOISTURE RESISTANT GYPSUM DRYWALL IN ALL UNIT BATHROOM WALLS AND OTHER UNIT WETWALLS.
12. PROVIDE SOUND BATTS IN ALL CORRIDOR AND TENANT SEPARATION WALLS.
13. PROVIDE SOUND INSULATION IN WALLS AROUND ALL LAUNDRY ROOMS, PLUMBING, AND ALL HVAC CLOSETS.
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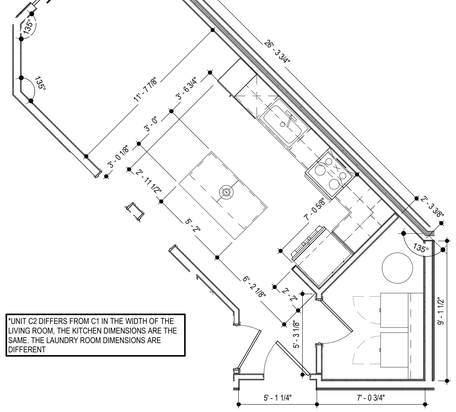
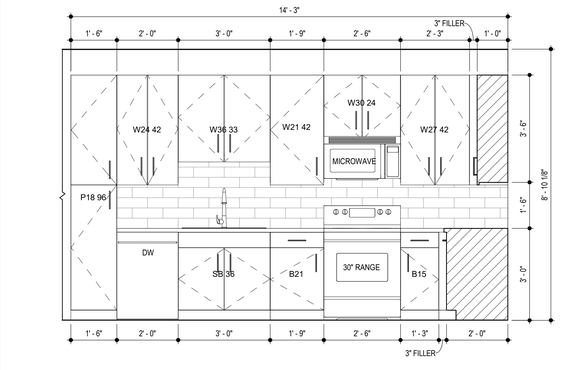
15. VERTICAL MECHANICAL CHASES WITHIN UNITS ARE TO BE FIRE STOPPED PER LOCAL REQUIREMENTS.
16. ALL ANGLES ARE 45° TO HORIZONTAL & VERTICAL DIRECTIONS, U.N.O. TYP. AT ALL UNITS.
17. ALL DIMENSIONS AND NOTES STATING "CLEAR" ARE FROM FACE OF FINISH.
18. REFER TO A003 & A004 FOR ALL INTERIOR FAIR HOUSING ACT AND OTHER ACCESSIBILITY REQUIREMENTS.
19. ALL TOWEL BARS ARE TO BE MOUNTED AT 54" A.F.F., ROBE HOOKS TO BE MOUNTED AT 66", TOWEL RINGS TO BE MOUNTED 1'-6" ABOVE COUNTER HEIGHT, AND TOILET PAPER DISPENSERS AT 18" A.F.F. UNLESS NOTED OTHERWISE. TOWEL BARS AND ROBE HOOKS IN TYPE A UNITS TO BE MOUNTED AT 48" HIGH MAX.
20. INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUT ONLY. CONTRACTOR TO VERIFY ALL DIMENSIONS. PROVIDE FILLERS AS REQUIRED. REFER TO CABINET SHOP DRAWINGS.
21. VANITY MIRRORS TO BE 42" HIGH AND TO BE MOUNTED WITH THE BOTTOM OF THE REFLECTING SURFACE NO MORE THAN 40" A.F.F IN ANSI TYPE A UNITS.
22. PROVIDE MINIMUM RATED 2A:10B:C FIRE EXTINGUISHER IN EACH KITCHEN UNDER THE SINK.
23. VERIFY ALL TUB WALL LENGHTS AND DIMENSIONS WITH ACTUAL TUB PROVIDED. CONTRACTOR TO COORDINATE FRAMING, TUB MANUFACTURER AND TUB DETAILS.
24. PROVIDE SOLID BLOCKING IN WALLS FOR FUTURE INSTALLATION OF GRAB BARS AS SHOWN ON A003, OR ALTERNATIVE MEANS OF REINFORCING THE CAVITY BETWEEN THE FIBERGLASS TUB AND THE WALL.
25. SEE ARCHITECTURAL ELEVATION, MEP AND STRUCTURAL DRAWINGS FOR EXTERIOR FEATURES THAT MAY REQUIRE BLOCKING OR OTHER CONSIDERATIONS SPECIFIC TO THE UNIT LOCATION IN THE BUILDING, SUCH AS ATTACHED SIGNAGE, LIGHTING, AWNINGS, CANOPIES, TRELLISES, SHUTTERS, FIXTURES, BUILDOUTS, CORNICES, RAILINGS, LANDSCAPE FEATURES AND ADJACENT ATTACHED STRUCTURES.
26. PROVIDE A HIGH OUTLET COVER SO THAT TV IN LIVING ROOM CAN BE MOUNTED AT 46" A.F.F. TO THE CENTER OF TV. REFER TO MEP AND TELECOM. PROVIDE 2x10 BLOCKING FOR TV MOUNTING.
27. ALL EXTERIOR SLABS TO SLOPE DOWN 1/8" TO EDGE OF SLAB. LIGHT BROOM FINISH AT SLOPED SURFACES. VERIFY WITH STRUCTURE.
28. REFER TO INTERIOR DESIGNER FINISH SCHEDULE FOR FINISHES, FOR ADDITIONAL ROOM FINISH NOTES AND SPECIFICATIONS. RE: I-006 - I-007
29. FLOOR FINISHES TO EXTEND UNDER SHELVING, WASHER/DRYER, AND REFRIGERATOR. FLOOR FINISHES EXTEND UNDER ALL RAISED COUNTERS, AND CABINETS INDICATED WITH "REMOVABLE BASE CABINET".
30. ALL SINK BASES TO BE REMOVABLE IN TYPE A UNITS. REMOVABLE BASE AT KITCHEN WORK SURFACE IN TYPE A UNITS. EXTEND FLOOR FINISH UNDER THESE REMOVABLE CABINETS
31. BATHROOM CEILING HEIGHT 8' - 6" AFF.
32. SHOWER HEAD HEIGHT 7'-0" AFF, SHOWER CONTROL HEIGHT 4'-0" AFF.
33. TUB/SHOWER COMBO SHOWER HEAD HEIGHT 7'-0" AFF, CONTROL 3'-0" AFF, TUB FAUCET 2'-0" AFF.
34. FOR UNIT DETAILS RE: A170-A171



*UNIT C2 DIFFERS FROM C1 IN THE WIDTH OF THE LIVING ROOM, THE KITCHEN DIMENSIONS ARE THE SAME. THE LAUNDRY ROOM DIMENSIONS ARE DIFFERENT

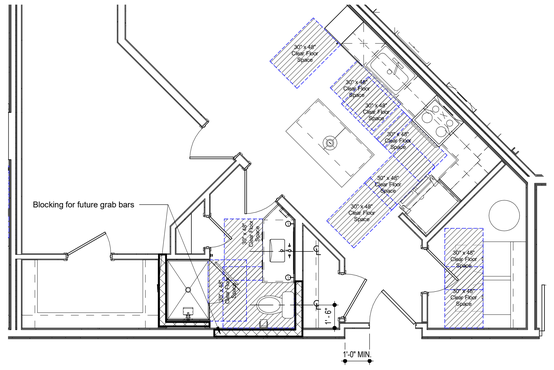
3 UNIT C2 DIMENSION PLAN

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



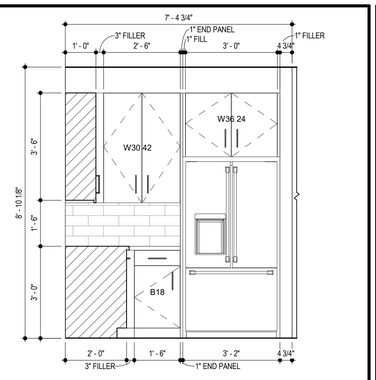
7 UNIT C1 KITCHEN ELEVATION - RANGE

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



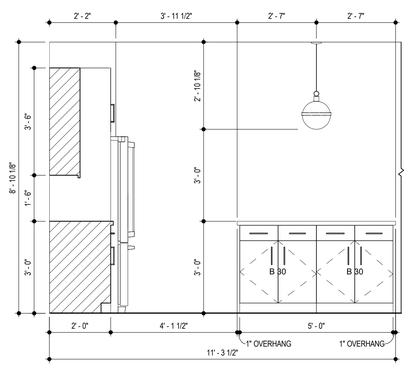
15 UNIT C1 C.F.S.

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



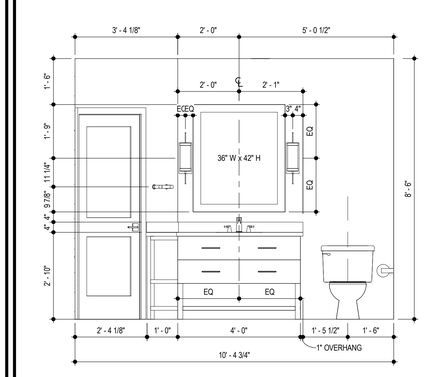
4 UNIT C1 KITCHEN ELEVATION - REFRIGERATOR

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



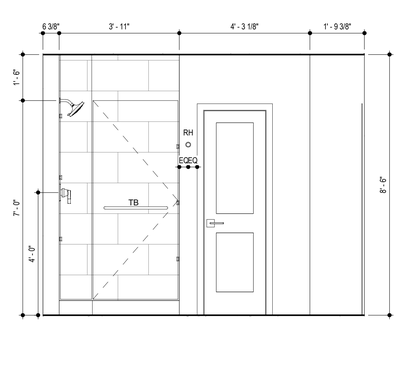
8 UNIT C1 KITCHEN ELEVATION - ISLAND

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



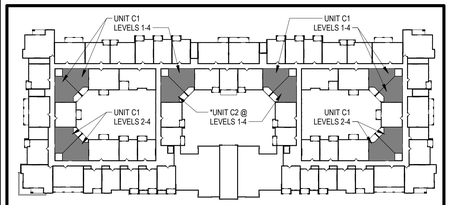
12 UNIT C1 KITCHEN ELEVATION - SINK

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



16 UNIT C1 BATHROOM ELEVATION - SHOWER

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



UNIT LOCATION PLAN

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

4.3.20

Pearl COMPANIES

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DATE: 7.29.19

REVISIONS / #

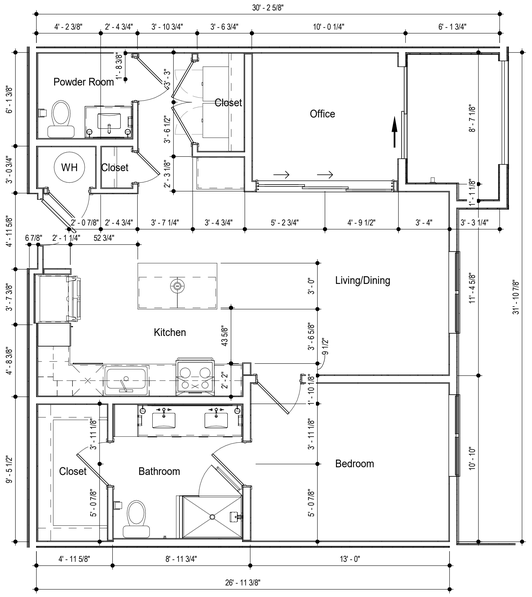
	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
8	REVISION 3	4.3.2020

DWG BY MKSS

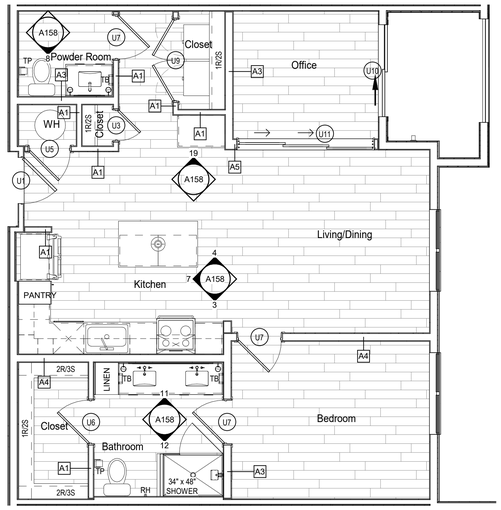
TR,i PROJECT NO. 18-046

SHEET NO. A157 / 6

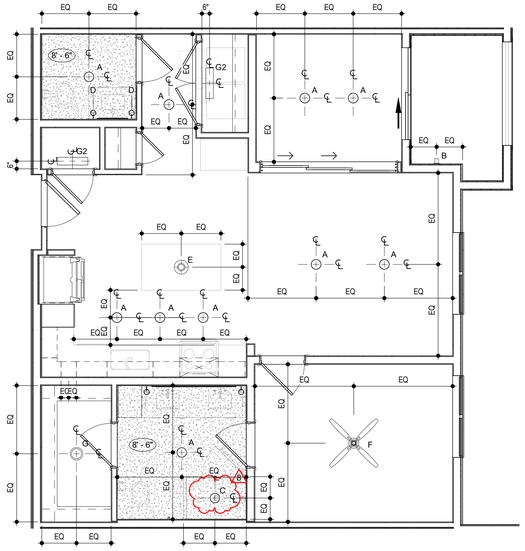
UNIT 'C1' & 'C2' PLANS & ELEVATIONS



2 UNIT D1 DIMENSION PLAN
SCALE: 1/4" = 1'-0"



6 UNIT D1 REFERENCE PLAN
SCALE: 1/4" = 1'-0"



14 UNIT D1 RCP
SCALE: 1/4" = 1'-0"

SYMBOL LEGEND - UNIT PLANS

11 DOOR TAG

LIGHTING FIXTURE

A101 INTERIOR ELEVATION (1 Ref)

CLEAR FLOOR SPACE WITH 2" TOLERANCE AREA. REFER TO NOTES FOR REQUIRED DIMENSIONS

W2 PARTITION WALL TAG REFER TO A013

AHU = AIR HANDLER UNIT
CO = CASED OPENING
CPT = CARPET
CT = CERAMIC TILE
DW = DISHWASHER
KS = KNEE SPACE
RH = ROBE HOOK
SH = SHOWER HEAD
SR = SHOWER ROD
SRO = SHEETROCK OPENING
T = TEMPERED GLASS

A TB = TOWEL BAR 6"
TP = TOILET PAPER DISPENSER
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WH = WATER HEATER
WS = WORKSPACE
# S = # OF SHELVES

LIGHTING FIXTURE SCHEDULE

LABEL	MANUFACTURER	DESCRIPTION/MODEL	FINISH
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B	ASTRO	OSLO 100	TEXTURED BLACK
E	HUDSON VALLEY LIGHTING GROUP	LAMBERT, #612-OB	OLD BRONZE
C	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
A	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
F	MINKA AIRE	AVIATION LED CEILING FAN, #F853L-BN/CL	COAL
G2	TBD	WALL MOUNTED LED UTILITY LIGHT	WHITE TRIM
G	TBD	11" SURFACE MOUNTED DOME FIXTURE	WHITE TRIM
D	CUSTOM	MATCH STEFAN OUTDOOR WALL SCONCE	AGED IRON

GENERAL UNIT NOTES

1. ALL WALL DIMENSIONS ARE TO STUD.
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3. REFER TO SHEET A011 FOR TYPICAL WALL ASSEMBLIES.
4. REFER TO SHEET A017 FOR UNIT DOOR SCHEDULE & A030 - A031 FOR DETAILS.
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9. BEDROOM SHALL HAVE A MINIMUM OF ONE OPENING WHICH MEETS EGRESS REQUIREMENTS. 20" NET CLEAR WIDTH, 24" NET CLEAR HEIGHT. 5.7 SQFT. NET CLEAR OPENABLE AREA AND SHALL BE 44" MAXIMUM FROM FINISH FLOOR TO TOP OF SILL AS REQUIRED PER IBC-2009 SECTION 1029.
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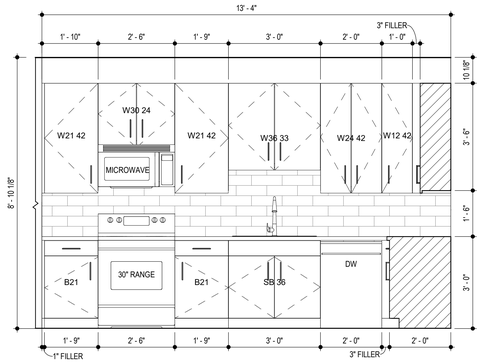
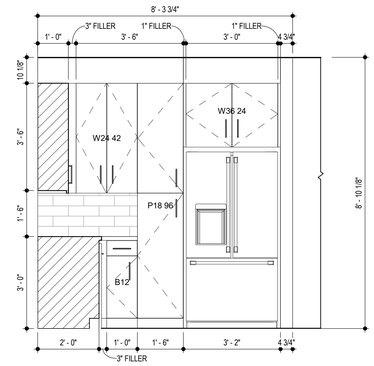
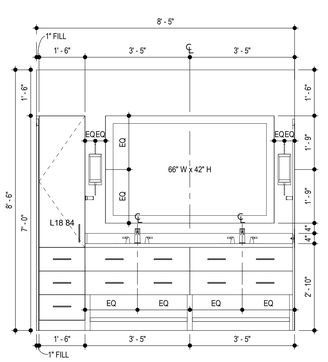
32. SHOWER HEAD HEIGHT 7'-0" AFF, SHOWER CONTROL HEIGHT 4'-0" AFF.
33. TUB/SHOWER COMBO SHOWER HEAD HEIGHT 7'-0" AFF, CONTROL 3'-0" AFF, TUB FAUCET 2'-0" AFF.
34. FOR UNIT DETAILS RE: A170-A171



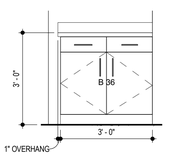
3 UNIT D1 KITCHEN ELEVATION - RANGE
SCALE: 1/2" = 1'-0"



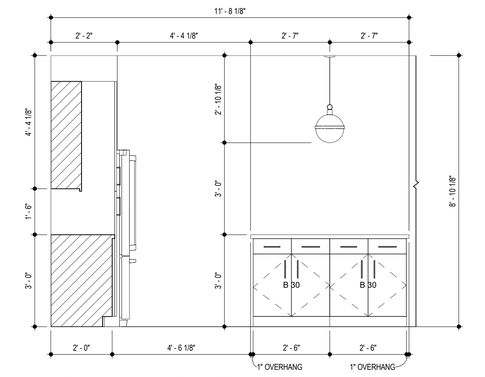
7 UNIT D1 KITCHEN ELEVATION - REFRIGERATOR
SCALE: 1/2" = 1'-0"



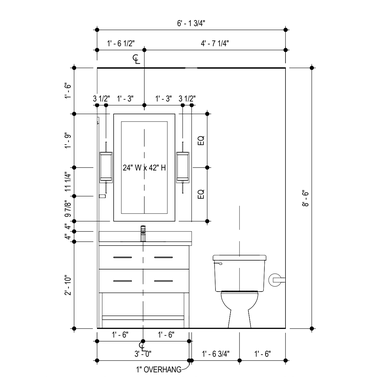
11 UNIT D1 BATHROOM ELEVATION - SINK
SCALE: 1/2" = 1'-0"



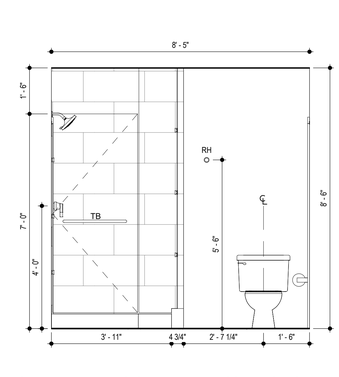
19 UNIT D1 CASEWORK ELEVATION
SCALE: 1/2" = 1'-0"



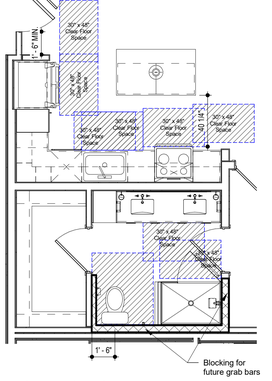
4 UNIT D1 KITCHEN ELEVATION - ISLAND
SCALE: 1/2" = 1'-0"



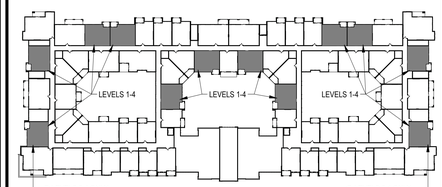
8 UNIT D1 POWDER ROOM ELEVATION
SCALE: 1/2" = 1'-0"



12 UNIT D1 BATHROOM ELEVATION - SHOWER
SCALE: 1/2" = 1'-0"



20 UNIT D1 C.F.S.
SCALE: 1/4" = 1'-0"



UNIT LOCATION PLAN

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

4.3.20

Pearl COMPANIES

Summit at West Pryor

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DATE: 7.29.19

REVISIONS 4

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
8	REVISION 3	4.3.2020

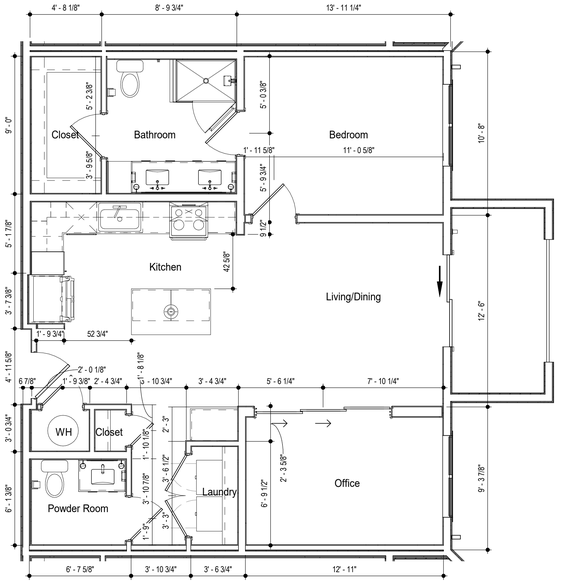
DWG BY MKSS

TR¡ PROJECT NO. 18-046

SHEET NO. 6

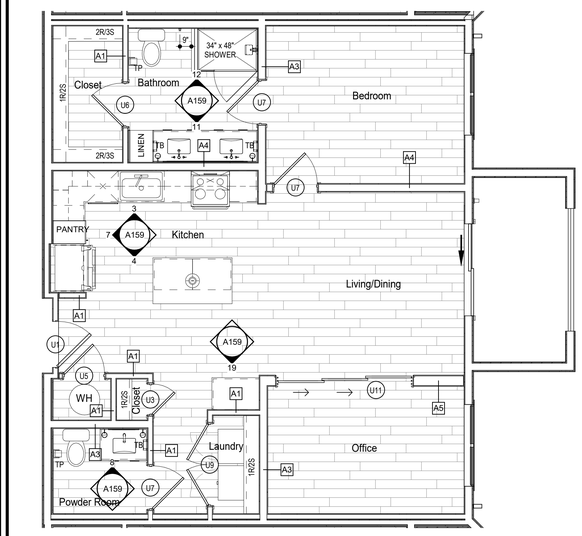
A158

UNIT 'D1' PLANS & ELEVATIONS



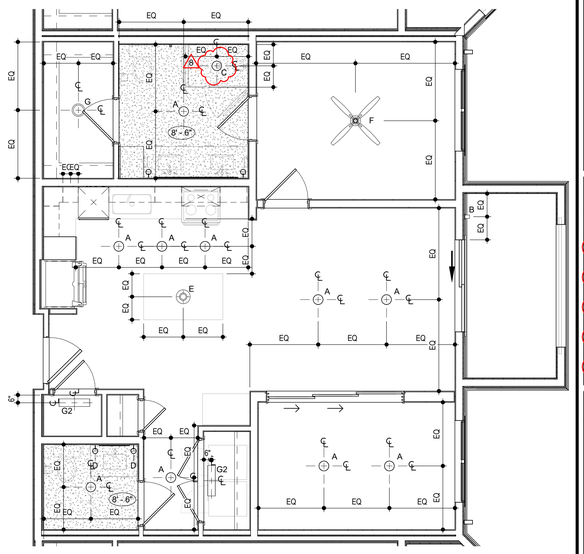
2 UNIT D2 DIMENSION PLAN

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



6 UNIT D2 REFERENCE PLAN

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


EQ
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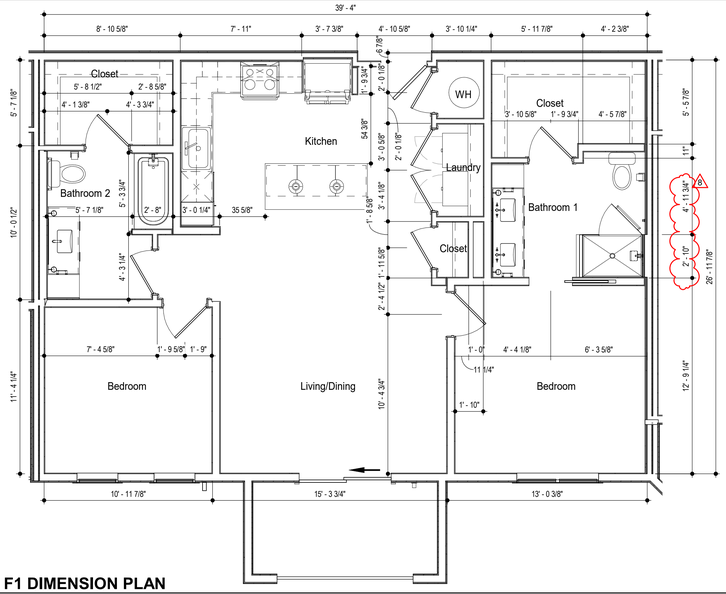
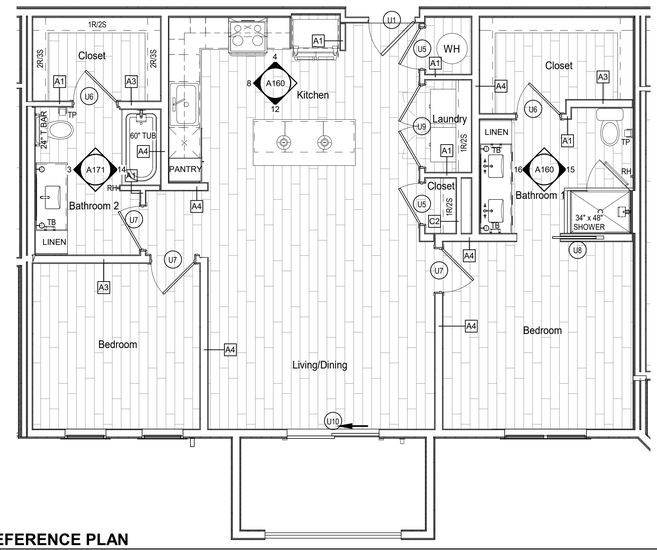


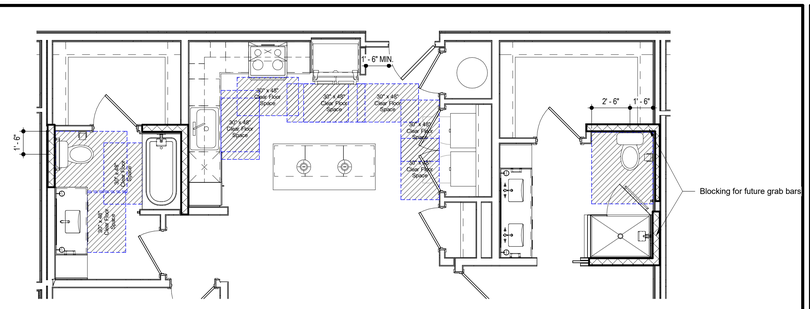
1 UNIT F1 DIMENSION PLAN

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



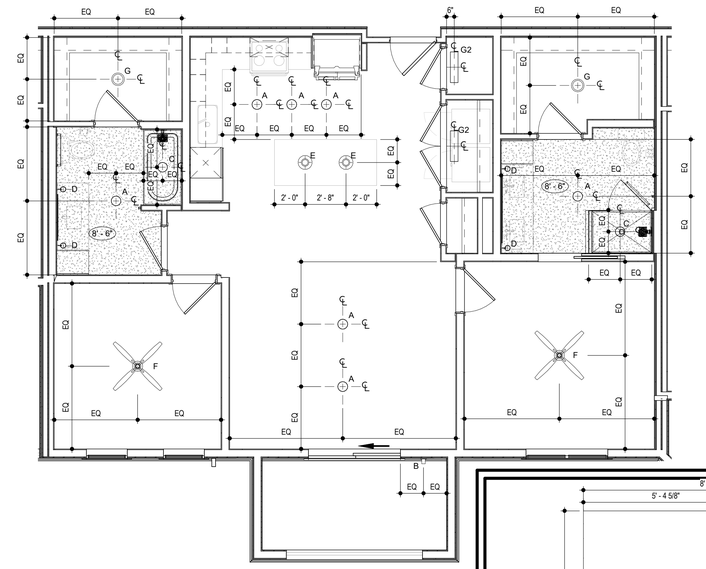
9 UNIT F1 REFERENCE PLAN

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



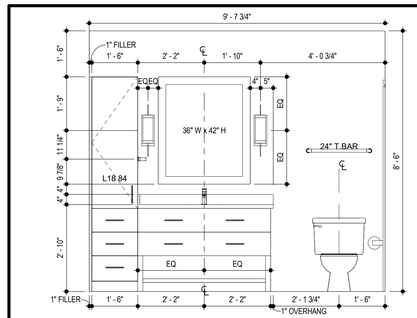
2 UNIT F1 C.F.S.

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



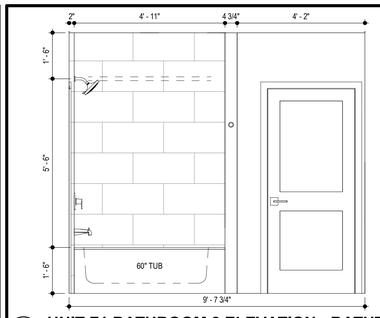
11 UNIT F1 RCP

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



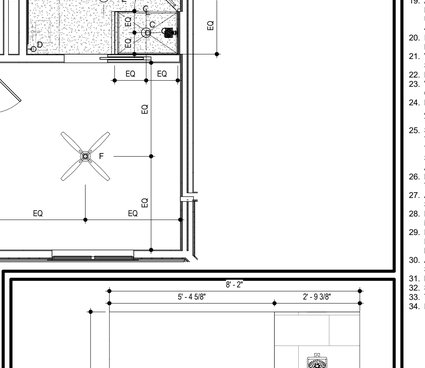
3 UNIT F BATHROOM 2 ELEVATION - SINK

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



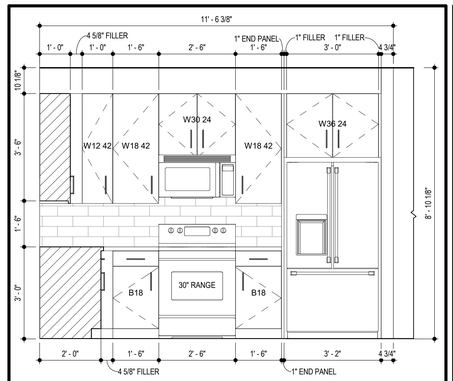
7 UNIT F1 BATHROOM 2 ELEVATION - BATHTUB

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



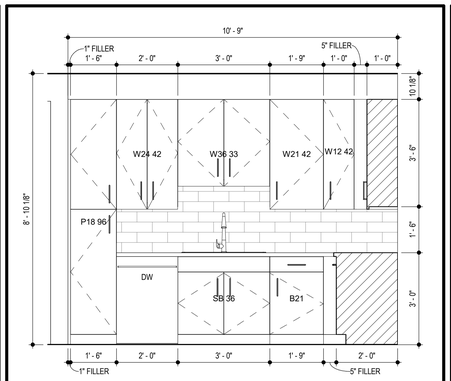
15 UNIT F1 BATHROOM 1 ELEVATION - SHOWER

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



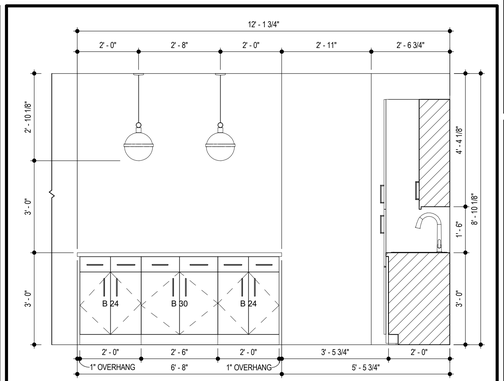
4 UNIT F1 KITCHEN ELEVATION - RANGE

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



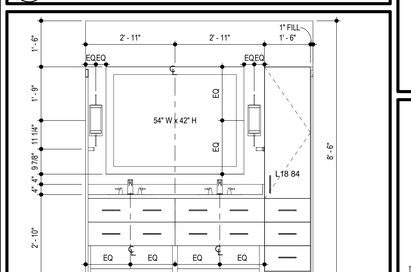
8 UNIT F1 KITCHEN ELEVATION - CASEWORK

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



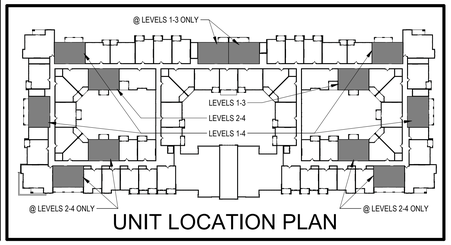
12 UNIT F1 KITCHEN ELEVATION - ISLAND

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



16 UNIT F BATHROOM 1 ELEVATION - SINK

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



UNIT LOCATION PLAN

SYMBOL LEGEND - UNIT PLANS

- 11 — DOOR TAG
- CLEAR FLOOR SPACE WITH 2" TOLERANCE AREA. REFER TO NOTES FOR REQUIRED DIMENSIONS
- LIGHTING FIXTURE
- 1 Ref / A101 / 1 Ref — INTERIOR ELEVATION
- W2 — PARTITION WALL TAG REFER TO A013

AHU = AIR HANDLER UNIT
CO = CASED OPENING
CPT = CARPET
CT = CERAMIC TILE
DW = DISHWASHER
KS = KNEE SPACE
RH = ROBE HOOK
SH = SHOWER HEAD
SR = SHOWER ROD
SRO = SHEETROCK OPENING
T = TEMPERED GLASS

A
TB = TOWEL BAR 6"
TP = TOILET PAPER DISPENSER
VP = VINYL PLANK
WH = WATER HEATER
WS = WORKSPACE
# S = # OF SHELVES

LIGHTING FIXTURE SCHEDULE

LABEL	MANUFACTURER	DESCRIPTION/MODEL	FINISH
L1	NOT USED	A	
B	ASTRO	OSLO 100	TEXTURED BLACK
E	HUDSON VALLEY LIGHTING GROUP	LAMBERT, #612-OB	OLD BRONZE
C	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
A	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
F	MINKA AIRE	AVIATION LED CEILING FAN, #F853L-BN/CL	COAL
G2	TBD	WALL MOUNTED LED UTILITY LIGHT	WHITE TRIM
G	TBD	11" SURFACE MOUNTED DOME FIXTURE	WHITE TRIM
D	CUSTOM	MATCH STEFAN OUTDOOR WALL SCONCE	AGED IRON

GENERAL UNIT NOTES

1. ALL WALL DIMENSIONS ARE TO STUD.
2. UNIT INTERIOR WALL TYPES ARE A1 (TYPICAL) UNLESS OTHERWISE NOTED.
3. REFER TO SHEET A011 FOR TYPICAL WALL ASSEMBLIES.
4. REFER TO SHEET A017 FOR UNIT DOOR SCHEDULE & A030 - A031 FOR DETAILS.
5. ALL INTERIOR DOORS SHALL ALLOW 3/4" AIRFLOW FOR RETURN AT BOTTOM OF DOOR.
6. REFER TO MEP DWGS FOR LOCATION OF SMOKE, CO & FIRE DETECTORS.
7. REFER TO SHEET A020 FOR WINDOW SCHEDULE AND A020 - A021 FOR DETAILS.
8. ALL EXTERIOR WINDOWS SHALL MEET ALL FEDERAL, STATE AND ANY LOCAL GLAZING STANDARDS. ALL SLIDING GLASS DOORS SHALL HAVE PIN LOCKS.
9. BEDROOM SHALL HAVE A MINIMUM OF ONE OPENING WHICH MEETS EGRESS REQUIREMENTS. 20" NET CLEAR WIDTH, 24" NET CLEAR HEIGHT, 5.7 SQFT. NET CLEAR OPENABLE AREA AND SHALL BE 44" MAXIMUM FROM FINISH FLOOR TO TOP OF SILL AS REQUIRED PER IBC-2009 SECTION 1029.
10. REFER TO BUILDING PLANS FOR CORRIDOR AND DIMSING WALL TYPES.
11. PROVIDE MOISTURE RESISTANT GYPSUM DRYWALL IN ALL UNIT BATHROOM WALLS AND OTHER UNIT WETWALLS.
12. PROVIDE SOUND BATTS IN ALL CORRIDOR AND TENANT SEPARATION WALLS.
13. PROVIDE SOUND INSULATION IN WALLS AROUND ALL LAUNDRY ROOMS, PLUMBING, AND ALL HVAC CLOSETS.
14. REFER TO STRUCTURAL DRAWINGS FOR SHEARWALL AND BEARING WALL LOCATIONS.
15. VERTICAL MECHANICAL CHASES WITHIN UNITS ARE TO BE FIRE STOPPED PER LOCAL REQUIREMENTS.
16. ALL ANGLES ARE 45° TO HORIZONTAL & VERTICAL DIRECTIONS, U.N.O. TYP. AT ALL UNITS.
17. ALL DIMENSIONS AND NOTES STATING "CLEAR" ARE FROM FACE OF FINISH.
18. REFER TO A003 & A004 FOR ALL INTERIOR FAIR HOUSING ACT AND OTHER ACCESSIBILITY REQUIREMENTS.
19. ALL TOWEL BARS ARE TO BE MOUNTED AT 54" A.F.F., ROBE HOOKS TO BE MOUNTED AT 66", TOWEL RINGS TO BE MOUNTED 1'-6" ABOVE COUNTER HEIGHT, AND TOILET PAPER DISPENSERS AT 18" A.F.F. UNLESS NOTED OTHERWISE. TOWEL BARS AND ROBE HOOKS IN TYPE A UNITS TO BE MOUNTED AT 48" HIGH MAX.
20. INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUT ONLY. CONTRACTOR TO VERIFY ALL DIMENSIONS. PROVIDE FILLERS AS REQUIRED. REFER TO CABINET SHOP DRAWINGS.
21. VANITY MIRRORS TO BE 42" HIGH AND TO BE MOUNTED WITH THE BOTTOM OF THE REFLECTING SURFACE NO MORE THAN 40" A.F.F IN ANSI TYPE A UNITS.
22. PROVIDE MINIMUM RATED 2A:10B:C FIRE EXTINGUISHER IN EACH KITCHEN UNDER THE SINK.
23. VERIFY ALL TUB WALL LENGHTS AND DIMENSIONS WITH ACTUAL TUB PROVIDED. CONTRACTOR TO COORDINATE FRAMING, TUB MANUFACTURER AND TUB DETAILS.
24. PROVIDE SOLID BLOCKING IN WALLS FOR FUTURE INSTALLATION OF GRAB BARS AS SHOWN ON A003, OR ALTERNATIVE MEANS OF REINFORCING THE CAVITY BETWEEN THE FIBERGLASS TUB AND THE WALL.
25. SEE ARCHITECTURAL ELEVATION, MEP AND STRUCTURAL DRAWINGS FOR EXTERIOR FEATURES THAT MAY REQUIRE BLOCKING OR OTHER CONSIDERATIONS SPECIFIC TO THE UNIT LOCATION IN THE BUILDING, SUCH AS ATTACHED SIGNAGE, LIGHTING, AWNINGS, CANOPIES, TRELLISES, SHUTTERS, FIXTURES, BUILDOUTS, CORNICES, RAILINGS, LANDSCAPE FEATURES AND ADJACENT ATTACHED STRUCTURES.
26. PROVIDE A HIGH OUTLET COVER SO THAT TV IN LIVING ROOM CAN BE MOUNTED AT 46" A.F.F. TO THE CENTER OF TV. REFER TO MEP AND TELECOM. PROVIDE 2x10 BLOCKING FOR TV MOUNTING.
27. ALL EXTERIOR SLABS TO SLOPE DOWN 1/8" TO EDGE OF SLAB. LIGHT BROOM FINISH AT SLOPED SURFACES. VERIFY WITH STRUCTURE.
28. REFER TO INTERIOR DESIGNER FINSIH SCHEDULE FOR FINISHES, FOR ADDITIONAL ROOM FINISH NOTES AND SPECIFICATIONS. RE: I-006 - I-007
29. FLOOR FINISHES TO EXTEND UNDER SHELVING, WASHER/DRYER, AND REFRIGERATOR. FLOOR FINISHES EXTEND UNDER ALL RAISED COUNTERS, AND CABINETS INDICATED WITH "REMOVABLE BASE CABINET"
30. ALL SINK BASES TO BE REMOVABLE IN TYPE A UNITS. REMOVABLE BASE AT KITCHEN WORK SURFACE IN TYPE A UNITS. EXTEND FLOOR FINISH UNDER THESE REMOVABLE CABINETS
31. BATHROOM CEILING HEIGHT 8' - 6" AFF.
32. SHOWER HEAD HEIGHT 7'-0" AFF, SHOWER CONTROL HEIGHT 4'-0" AFF.
33. TUB/SHOWER COMBO SHOWER HEAD HEIGHT 7'-0" AFF, CONTROL 3'-0" AFF, TUB FAUCET 2'-0" AFF.
34. FOR UNIT DETAILS RE: A170-A171

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

4.3.20

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DATE: 7.29.19

REVISIONS 6

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
8	REVISION 3	4.3.2020

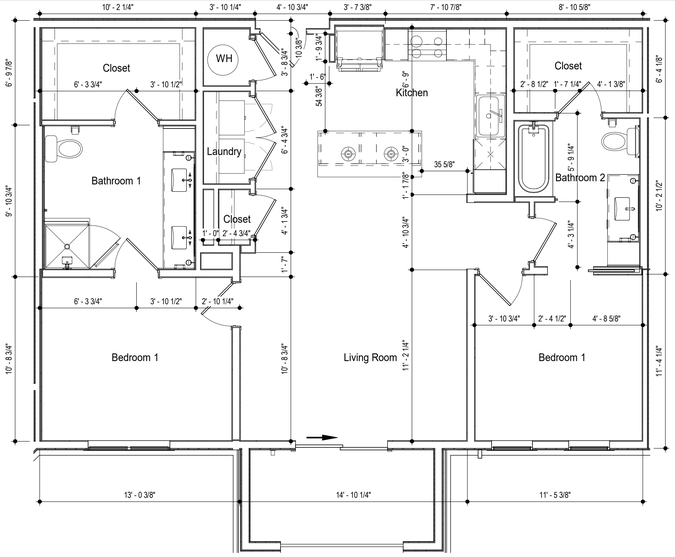
DWG BY MKSS

TR,i PROJECT NO. 18-046

SHEET NO. 6

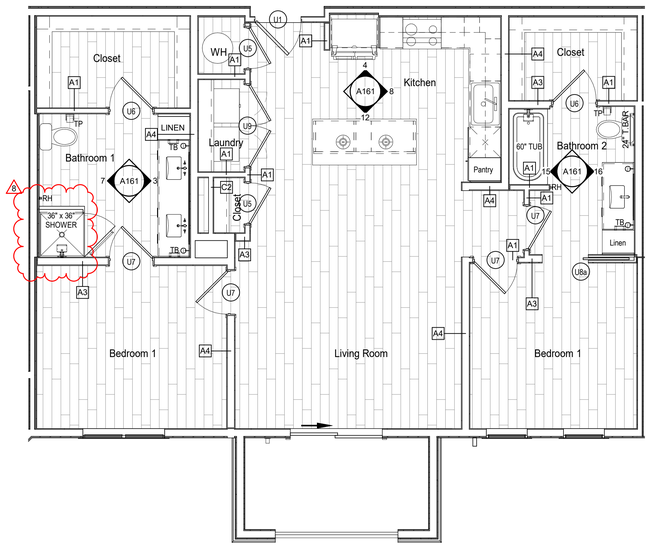
A160

UNIT 'F1' PLANS & ELEVATIONS



1 UNIT F1 - TYPE A DIMENSION PLAN

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



9 UNIT F1 - TYPE A REFERENCE PLAN

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

SYMBOL LEGEND - UNIT PLANS

- DOOR TAG
- LIGHTING FIXTURE
- INTERIOR ELEVATION
- CLEAR FLOOR SPACE WITH 2" TOLERANCE AREA. REFER TO NOTES FOR REQUIRED DIMENSIONS
- PARTITION WALL TAG REFER TO A013

AHU = AIR HANDLER UNIT
CO = CASED OPENING
CPT = CARPET
CT = CERAMIC TILE
DW = DISHWASHER
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RH = ROBE HOOK
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TP = TOILET PAPER DISPENSER
VP = VINYL PLANK
WH = WATER HEATER
WS = WORKSPACE
# S = # OF SHELVES

LIGHTING FIXTURE SCHEDULE

LABEL	MANUFACTURER	DESCRIPTION/MODEL	FINISH
L1	NOT USED		
B	ASTRO	OSLO 100	TEXTURED BLACK
E	HUDSON VALLEY LIGHTING GROUP	LAMBERT, #612-OB	OLD BRONZE
C	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
A	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
F	MINKA AIRE	AVIATION LED CEILING FAN, #F853L-BN/CL	COAL
G2	TBD	WALL MOUNTED LED UTILITY LIGHT	WHITE TRIM
G	TBD	11" SURFACE MOUNTED DOME FIXTURE	WHITE TRIM
D	CUSTOM	MATCH STEFAN OUTDOOR WALL SCONCE	AGED IRON

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26. PROVIDE A HIGH OUTLET COVER SO THAT TV IN LIVING ROOM CAN BE MOUNTED AT 46" A.F.F. TO THE CENTER OF TV. REFER TO MEP AND TELECOM. PROVIDE 2x10 BLOCKING FOR TV MOUNTING.
27. ALL EXTERIOR SLABS TO SLOPE DOWN 1/8" TO EDGE OF SLAB. LIGHT BROOM FINISH AT SLOPED SURFACES. VERIFY WITH STRUCTURE.
28. REFER TO INTERIOR DESIGNER FINISH SCHEDULE FOR FINISHES, FOR ADDITIONAL ROOM FINISH NOTES AND SPECIFICATIONS. RE: I-006 - I-007
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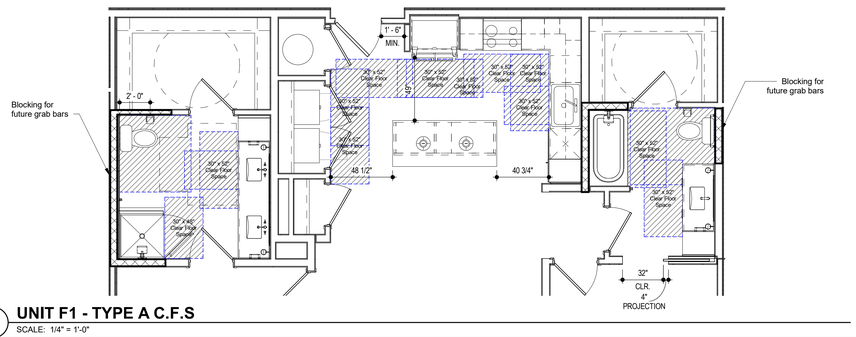
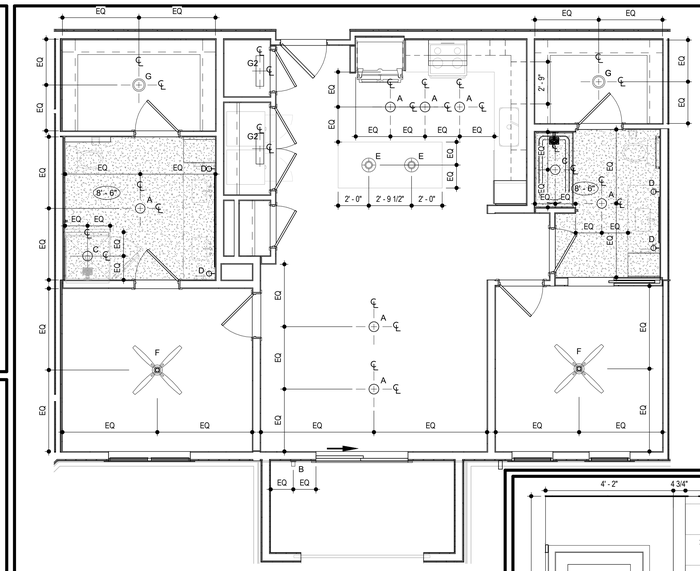
30. ALL SINK BASES TO BE REMOVABLE IN TYPE A UNITS. REMOVABLE BASE AT KITCHEN WORK SURFACE IN TYPE A UNITS. EXTEND FLOOR FINISH UNDER THESE REMOVABLE CABINETS
31. BATHROOM CEILING HEIGHT 8' - 6" AFF.
32. SHOWER HEAD HEIGHT 7'-0" AFF, SHOWER CONTROL HEIGHT 4'-0" AFF.
33. TUB/SHOWER COMBO SHOWER HEAD HEIGHT 7'-0" AFF, CONTROL 3'-0" AFF, TUB FAUCET 2'-0" AFF.
34. FOR UNIT DETAILS RE: A170-A171



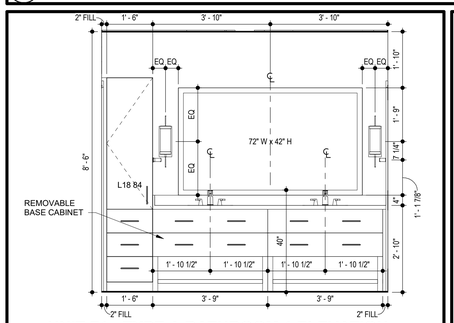
2 UNIT F1 - TYPE A C.F.S

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



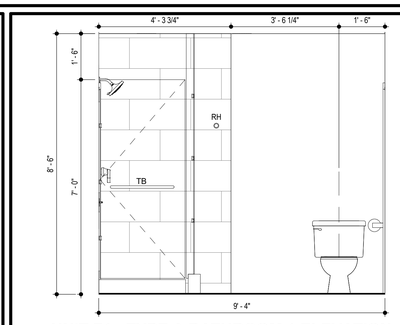
11 UNIT F1 - TYPE A RCP

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



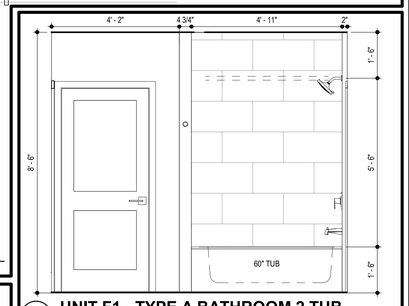
3 UNIT F1 - TYPE A BATHROOM 1 ELEVATION SINK

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



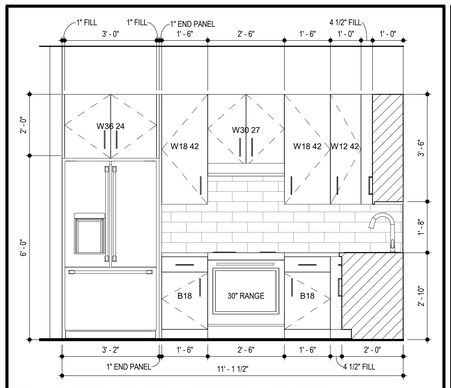
7 UNIT F1 - TYPE A BATHROOM 1 ELEVATION SHOWER

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



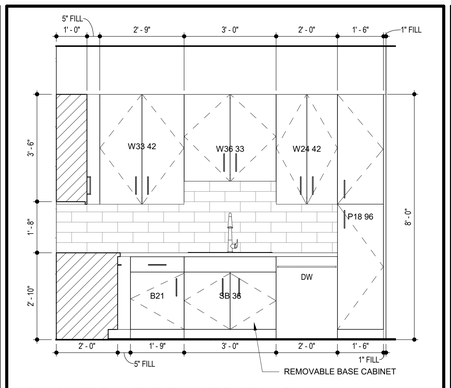
15 UNIT F1 - TYPE A BATHROOM 2 TUB

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



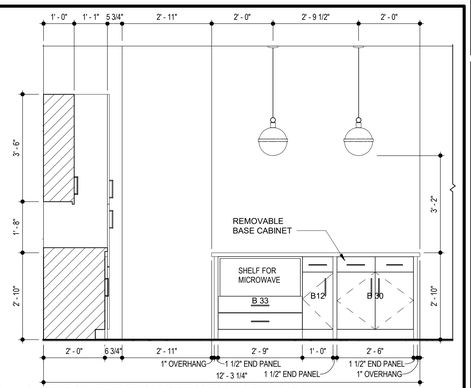
4 UNIT F1 - TYPE A KITCHEN - RANGE

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



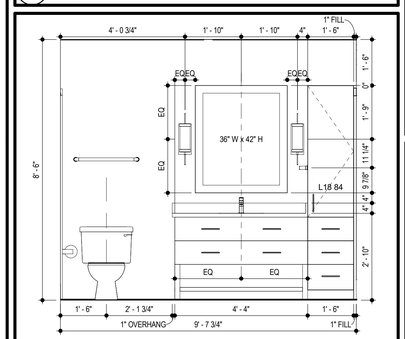
8 UNIT F1 - TYPE A KITCHEN - SINK

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



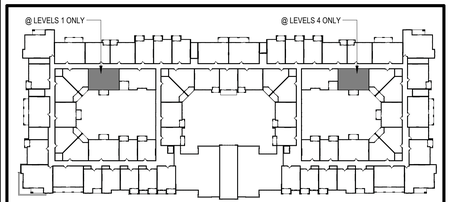
12 UNIT F1 - TYPE A KITCHEN - ISLAND

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



16 UNIT F1 - TYPE A BATHROOM 2 - SINK

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



UNIT LOCATION PLAN

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

4.3.20

Pearl COMPANIES

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Lee's Summit, Missouri 64081

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DATE: 7.29.19

REVISIONS 6

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
8	REVISION 3	4.3.2020

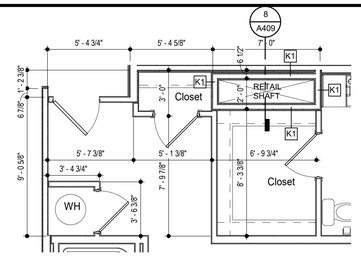
DWG BY Author

TR;i PROJECT NO. 18-046

SHEET NO. 6

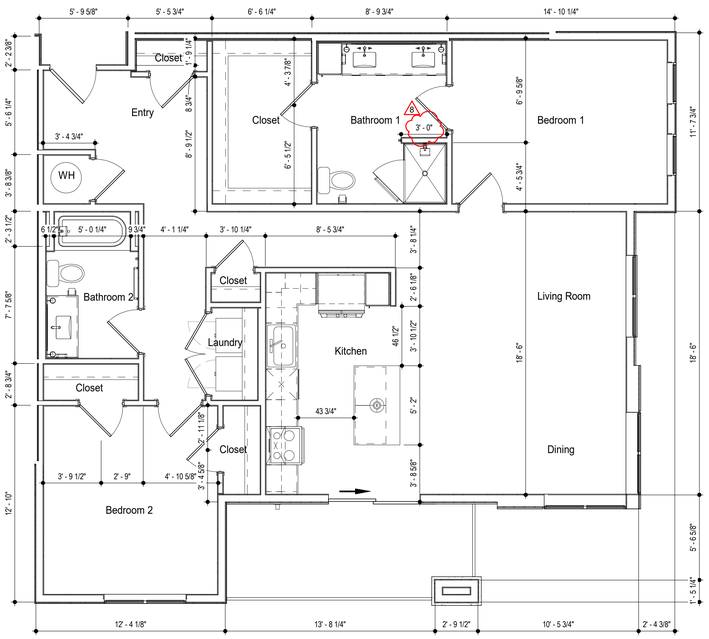
A161

UNIT 'F1-TYPE A' PLANS & ELEVATIONS



1 UNIT G1.1 DIMENSION PLAN

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

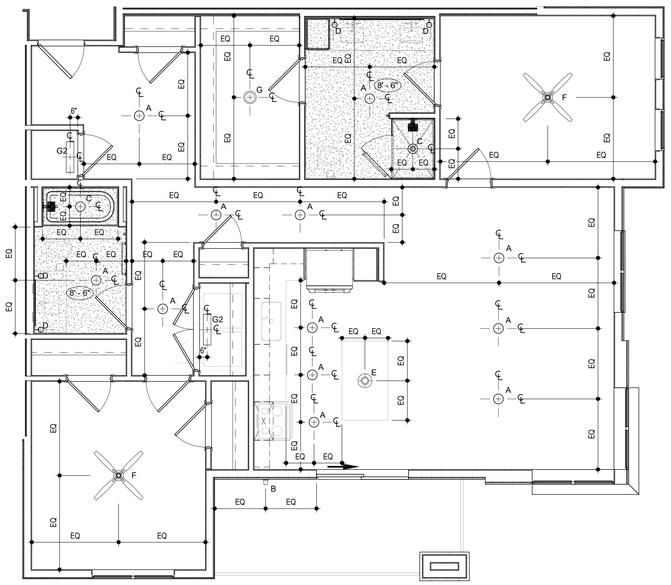


2 UNIT G1 DIMENSION PLAN

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

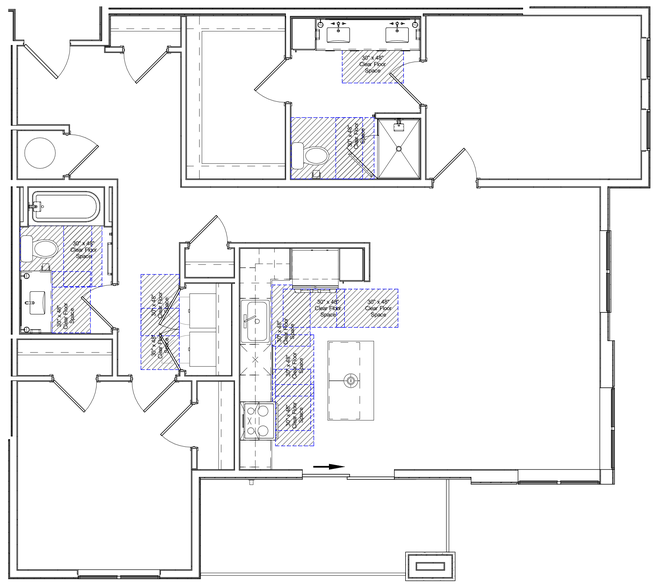
10 UNIT G1 REFERENCE PLAN

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



4 UNIT G1 RCP

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



12 UNIT G1 C.F.S.

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

SYMBOL LEGEND - UNIT PLANS

- DOOR TAG
- CLEAR FLOOR SPACE WITH 2" TOLERANCE AREA. REFER TO NOTES FOR REQUIRED DIMENSIONS
- LIGHTING FIXTURE
- INTERIOR ELEVATION
- PARTITION WALL TAG REFER TO A013

AHU = AIR HANDLER UNIT
CO = CASED OPENING
CPT = CARPET
CT = CERAMIC TILE
DW = DISHWASHER
KS = KNEE SPACE
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SH = SHOWER HEAD
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T = TEMPERED GLASS

TB = TOWEL BAR 6"
TP = TOILET PAPER DISPENSER
VP = VINYL PLANK
WH = WATER HEATER
WS = WORKSPACE
# S = # OF SHELVES

LIGHTING FIXTURE SCHEDULE

LABEL	MANUFACTURER	DESCRIPTION/MODEL	FINISH
L1	NOT USED		
B	ASTRO	OSLO 100	TEXTURED BLACK
E	HUDSON VALLEY LIGHTING GROUP	LAMBERT, #612-OB	OLD BRONZE
C	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
A	TBD	7 1/2" LED DISK FIXTURE	WHITE TRIM
F	MINKA AIRE	AVIATION LED CEILING FAN, #F853L-BN/CL	COAL
G2	TBD	WALL MOUNTED LED UTILITY LIGHT	WHITE TRIM
G	TBD	11" SURFACE MOUNTED DOME FIXTURE	WHITE TRIM
D	CUSTOM	MATCH STEFAN OUTDOOR WALL SCONCE	AGED IRON

GENERAL UNIT NOTES

1. ALL WALL DIMENSIONS ARE TO STUD.
2. UNIT INTERIOR WALL TYPES ARE A1 (TYPICAL) UNLESS OTHERWISE NOTED.
3. REFER TO SHEET A011 FOR TYPICAL WALL ASSEMBLIES.
4. REFER TO SHEET A017 FOR UNIT DOOR SCHEDULE & A030 - A031 FOR DETAILS.
5. ALL INTERIOR DOORS SHALL ALLOW 3/4" AIRFLOW FOR RETURN AT BOTTOM OF DOOR.
6. REFER TO MEP DWGS FOR LOCATION OF SMOKE, CO & FIRE DETECTORS.
7. REFER TO SHEET A014 FOR WINDOW SCHEDULE AND A020 - A021 FOR DETAILS.
8. ALL EXTERIOR WINDOWS SHALL MEET ALL FEDERAL, STATE AND ANY LOCAL GLAZING STANDARDS. ALL SLIDING GLASS DOORS SHALL HAVE PIN LOCKS.
9. BEDROOM SHALL HAVE A MINIMUM OF ONE OPENING WHICH MEETS EGRESS REQUIREMENTS. 20" NET CLEAR WIDTH, 24" NET CLEAR HEIGHT. 5.7 SQFT. NET CLEAR OPENABLE AREA AND SHALL BE 44" MAXIMUM FROM FINISH FLOOR TO TOP OF SILL AS REQUIRED PER IBC-2009 SECTION 1029.
10. REFER TO BUILDING PLANS FOR CORRIDOR AND DIMISING WALL TYPES.
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12. PROVIDE SOUND BATTS IN ALL CORRIDOR AND TENANT SEPARATION WALLS.
13. PROVIDE SOUND INSULATION IN WALLS AROUND ALL LAUNDRY ROOMS, PLUMBING, AND ALL HVAC CLOSETS.
14. REFER TO STRUCTURAL DRAWINGS FOR SHEARWALL AND BEARING WALL LOCATIONS.
15. VERTICAL MECHANICAL CHASES WITHIN UNITS ARE TO BE FIRE STOPPED PER LOCAL REQUIREMENTS.
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17. ALL DIMENSIONS AND NOTES STATING "CLEAR" ARE FROM FACE OF FINISH.
18. REFER TO A003 & A004 FOR ALL INTERIOR FAIR HOUSING ACT AND OTHER ACCESSIBILITY REQUIREMENTS.
19. ALL TOWEL BARS ARE TO BE MOUNTED AT 54" A.F.F., ROBE HOOKS TO BE MOUNTED AT 66", TOWEL RINGS TO BE MOUNTED 1'-6" ABOVE COUNTER HEIGHT, AND TOILET PAPER DISPENSERS AT 18" A.F.F. UNLESS NOTED OTHERWISE. TOWEL BARS AND ROBE HOOKS IN TYPE A UNITS TO BE MOUNTED AT 48" HIGH MAX.
20. INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUT ONLY. CONTRACTOR TO VERIFY ALL DIMENSIONS. PROVIDE FILLERS AS REQUIRED. REFER TO CABINET SHOP DRAWINGS.
21. VANITY MIRRORS TO BE 42" HIGH AND TO BE MOUNTED WITH THE BOTTOM OF THE REFLECTING SURFACE NO MORE THAN 40" A.F.F IN ANSI TYPE A UNITS.
22. PROVIDE MINIMUM RATED 2A:10B:C FIRE EXTINGUISHER IN EACH KITCHEN UNDER THE SINK.
23. VERIFY ALL TUB WALL LENGHTS AND DIMENSIONS WITH ACTUAL TUB PROVIDED. CONTRACTOR TO COORDINATE FRAMING, TUB MANUFACTURER AND TUB DETAILS.
24. PROVIDE SOLID BLOCKING IN WALLS FOR FUTURE INSTALLATION OF GRAB BARS AS SHOWN ON A003, OR ALTERNATIVE MEANS OF REINFORCING THE CAVITY BETWEEN THE FIBERGLASS TUB AND THE WALL.
25. SEE ARCHITECTURAL ELEVATION, MEP AND STRUCTURAL DRAWINGS FOR EXTERIOR FEATURES THAT MAY REQUIRE BLOCKING OR OTHER CONSIDERATIONS SPECIFIC TO THE UNIT LOCATION IN THE BUILDING, SUCH AS ATTACHED SIGNAGE, LIGHTING, AWNINGS, CANOPIES, TRELLISES, SHUTTERS, FIXTURES, BUILDOUTS, CORNICES, RAILINGS, LANDSCAPE FEATURES AND ADJACENT ATTACHED STRUCTURES.
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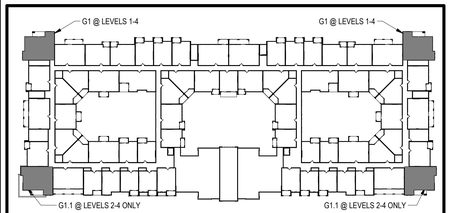

UNIT LOCATION PLAN

4.3.20

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

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DATE: 7.29.19

REVISIONS 6

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
8	REVISION 3	4.3.2020

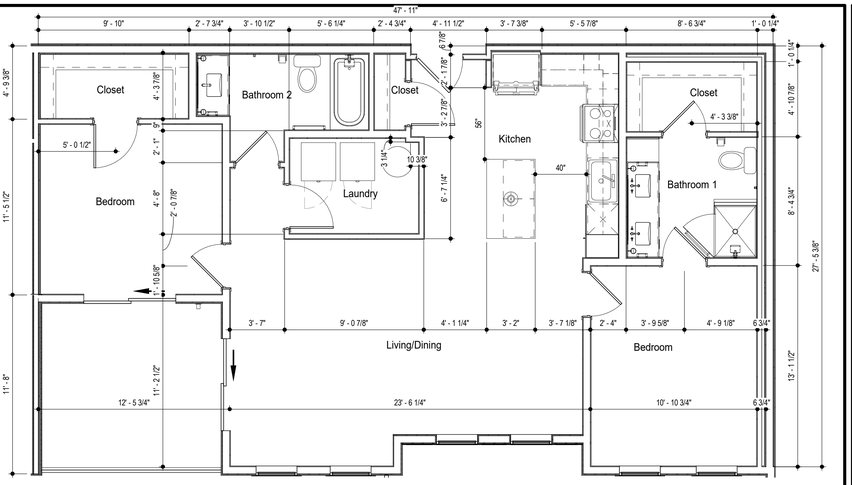
DWG BY MKSS

TR¡ PROJECT NO. 18-046

SHEET NO. 6

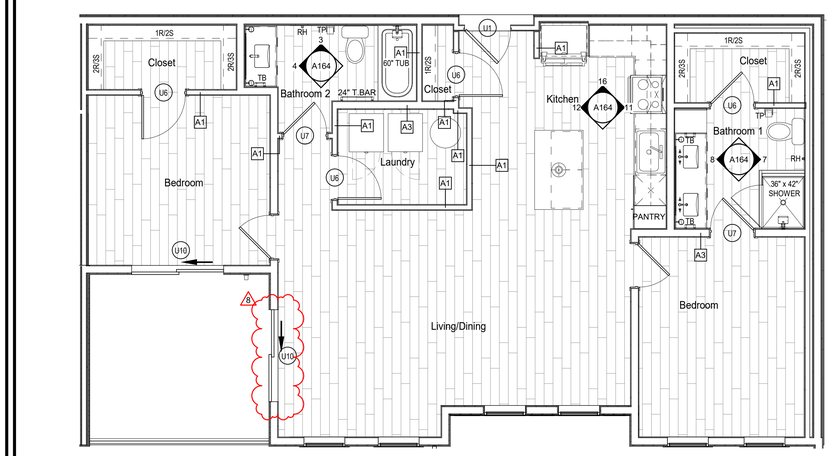
A162

UNIT 'G1' & 'G1.1' PLANS



1 UNIT H1 DIMENSION PLAN

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



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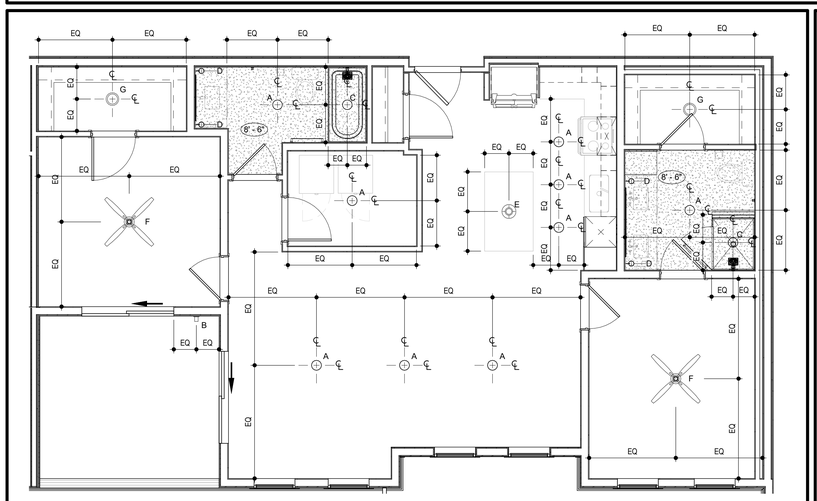
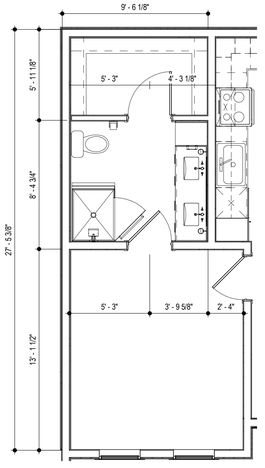


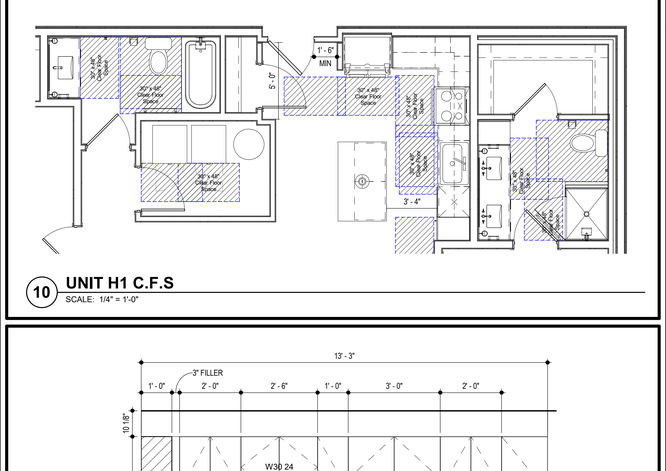
2 UNIT H1 RCP

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



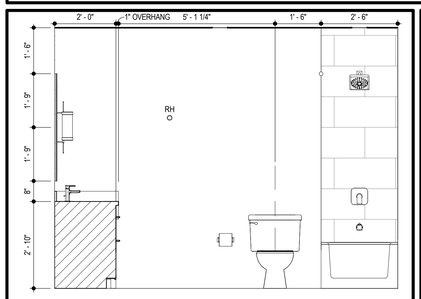
6 UNIT H2 DIMENSION PLAN

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



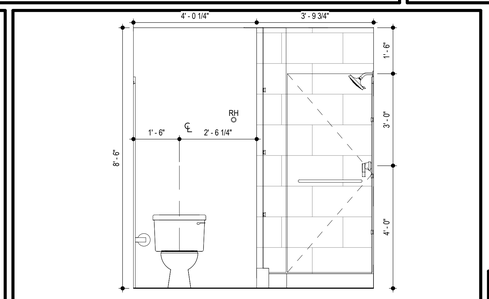
10 UNIT H1 C.F.S

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



3 UNIT H1 BATHROOM 2 ELEVATION - TOILET

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



7 UNIT H1 BATHROOM 1 ELEVATION - TOILET

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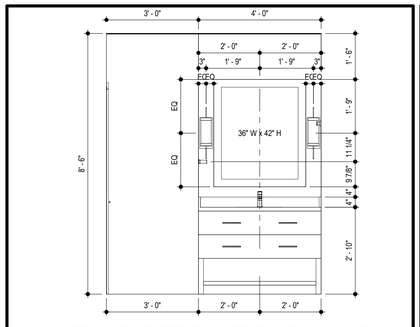
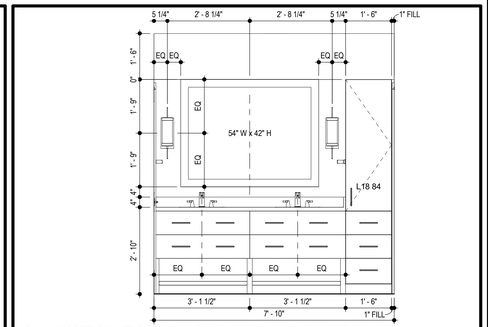


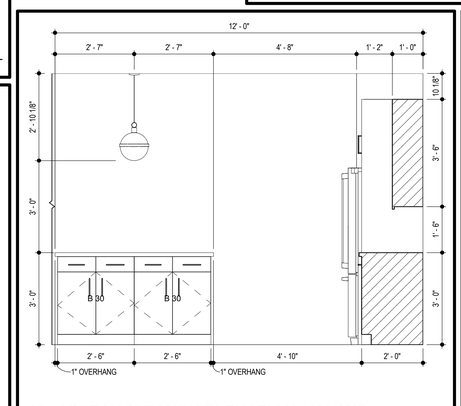
4 UNIT H1 BATHROOM 2 ELEVATION - SINK

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



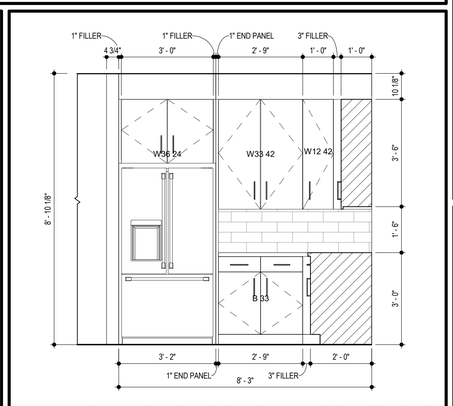
8 UNIT H1 BATHROOM 1 ELEVATION - SINK

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



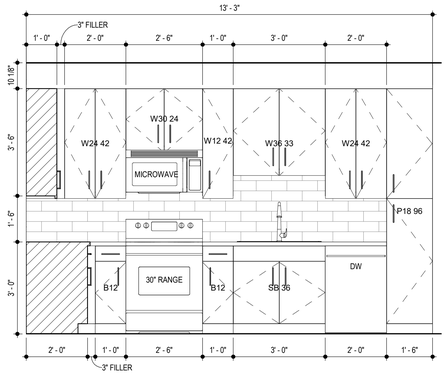
12 UNIT H1 KITCHEN ELEVATION - ISLAND

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



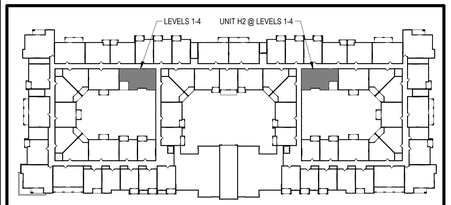
16 UNIT H1 KITCHEN ELEVATION - REFRIGERATOR

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



11 UNIT H1 KITCHEN ELEVATION - RANGE

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



UNIT LOCATION PLAN

TRi ARCHITECTS
BOB D CAMPBELL & COMPANY
RENAISSANCE INFRASTRUCTURE CONSULTING
BRINKMANN CONSTRUCTORS
LATIMER SOMMERS & ASSOCIATES
LATIMER SOMMERS & ASSOCIATES
LATIMER SOMMERS & ASSOCIATES

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

4.3.20

Pearl COMPANIES

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TRi Architects
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DATE: 7.29.19

REVISIONS

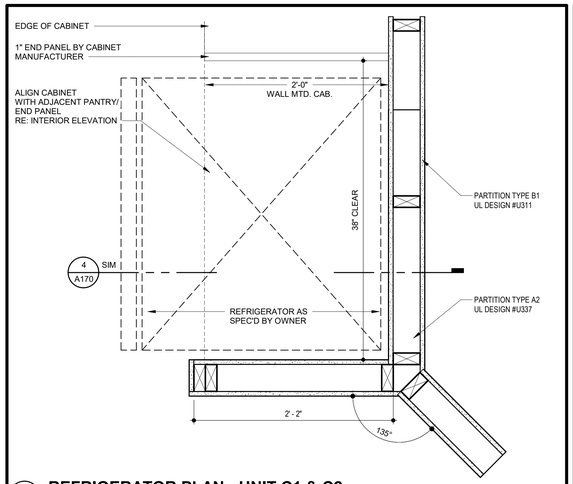
	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
8	REVISION 3	4.3.2020

DWG BY MKSS

TRi PROJECT NO. 18-046

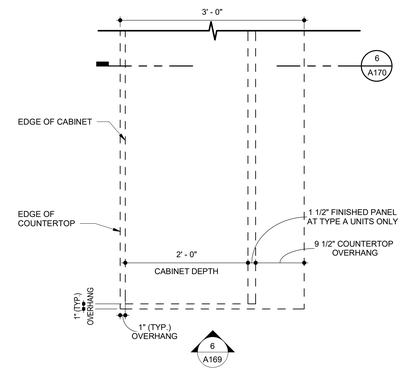
SHEET NO. A164

UNIT 'H1' & 'H2' PLANS & ELEVATIONS



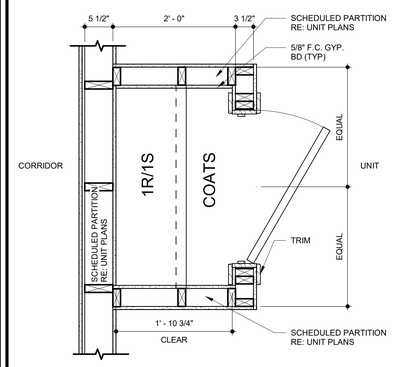
1 REFRIGERATOR PLAN - UNIT C1 & C2

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



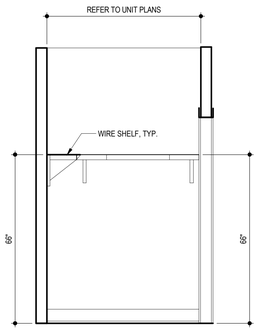
5 ISLAND PLAN

SCALE: 1" = 1'-0"



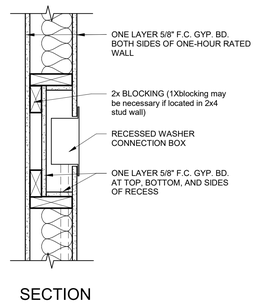
9 COAT CLOSET PLAN

SCALE: 1" = 1'-0"



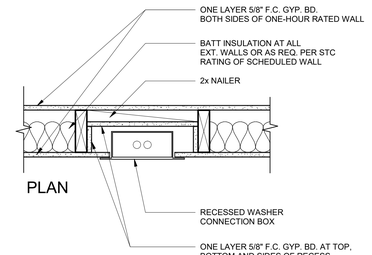
13 1 ROD / 1 SHELF AT COAT CLOSET

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



SECTION

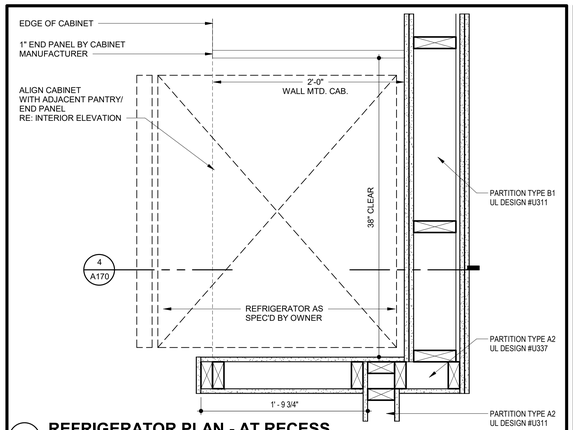
SIMILAR AT RECESSED ICE MAKER SUPPLY BOX IN RATED WALLS



PLAN

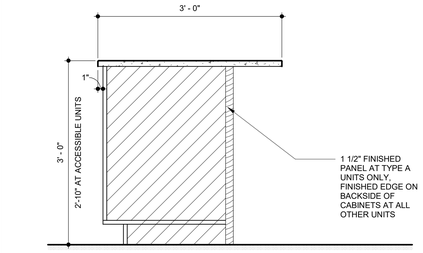
18 RECESSED VALVE BOX - PLAN AND SECTION

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



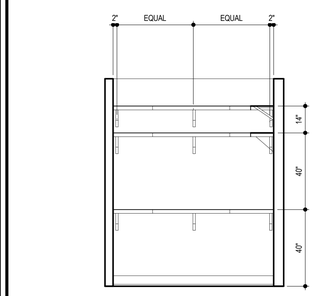
2 REFRIGERATOR PLAN - AT RECESS

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



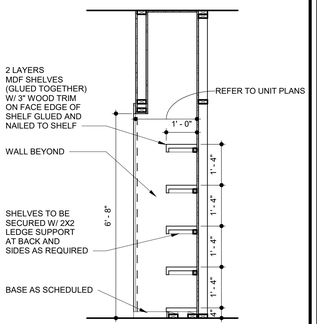
6 ISLAND SECTION

SCALE: 1" = 1'-0"



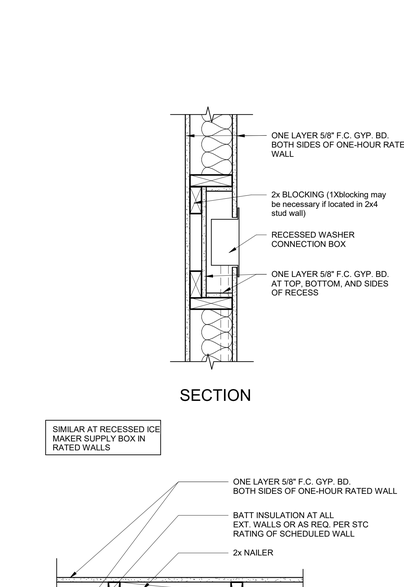
10 2 RODS / 3 SHELVES

SCALE: 3/8" = 1'-0"



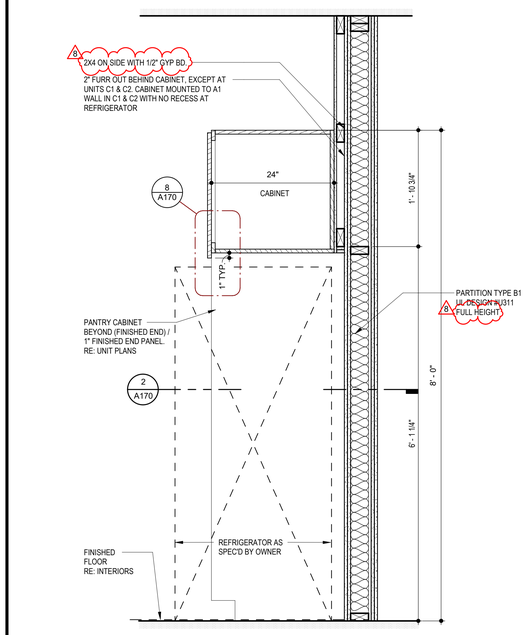
14 5 SHELVES AT LINEN CLOSET

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



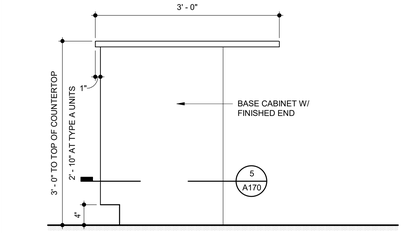
20 UTILITY CLOSET SECTION

SCALE: 3/4" = 1'-0"



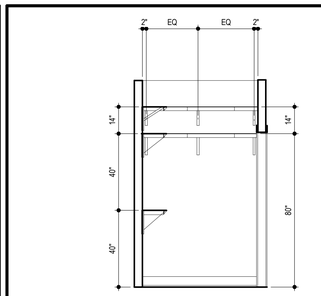
4 REFRIGERATOR RECESS SECTION

SCALE: 1" = 1'-0"



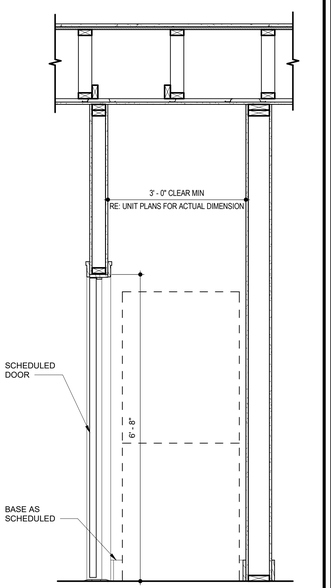
7 ISLAND SIDE ELEVATION

SCALE: 1" = 1'-0"



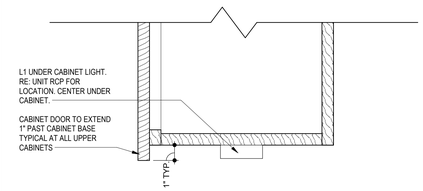
3 1 ROD / 2 SHELVES

SCALE: 3/8" = 1'-0"



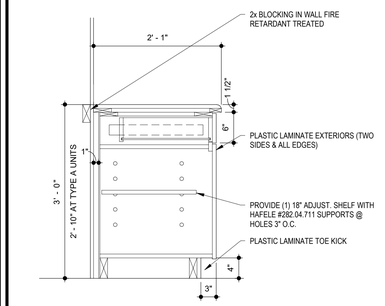
16 UTILITY AT STACKED W/D

SCALE: 3/4" = 1'-0"



8 UPPER CABINET DOOR DETAIL

SCALE: 3" = 1'-0"



12 BASE CABINET WITH DRAWER SECTION

SCALE: 1" = 1'-0"

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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DATE: 7.29.19

REVISIONS

6	REVISION 1	12.20.19
8	REVISION 3	4.3.2020

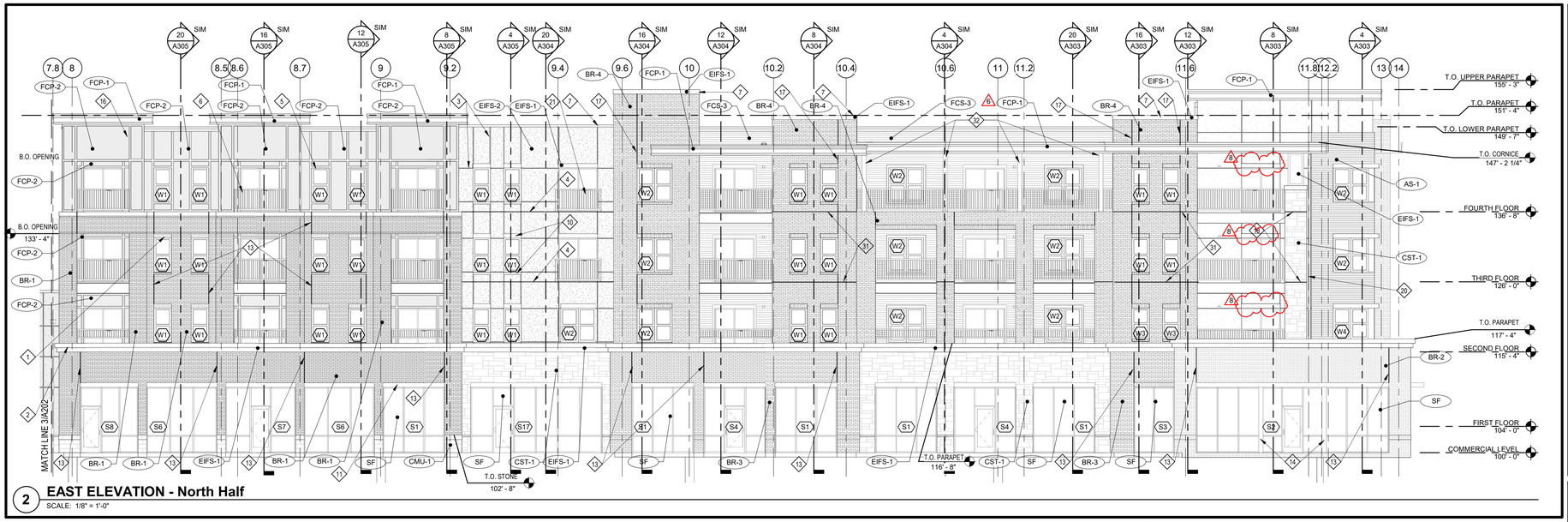
DWG BY Author

TR¡ PROJECT NO. 18-046

SHEET NO. 6

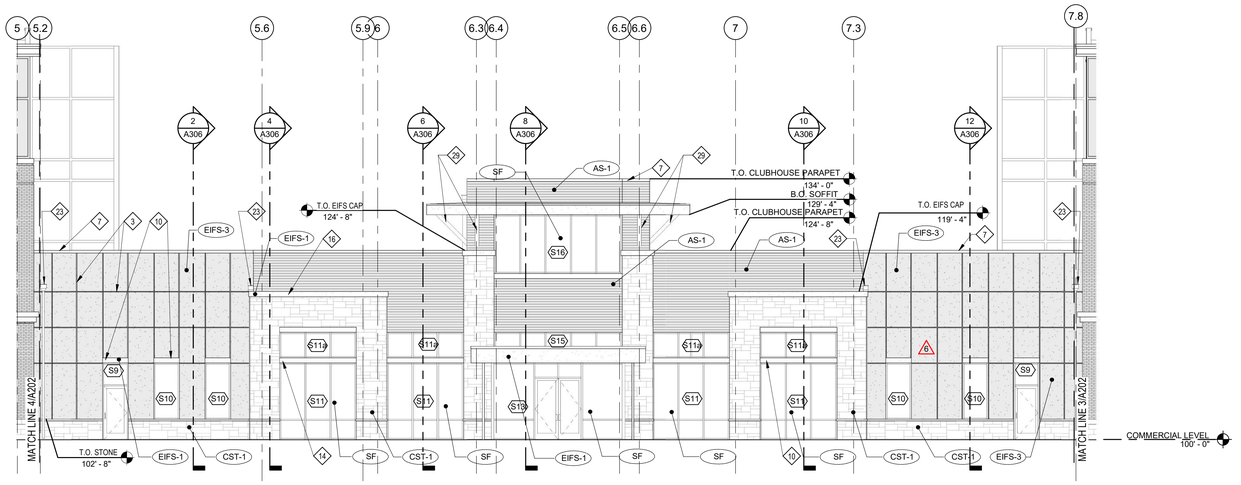
A170

UNIT DETAILS



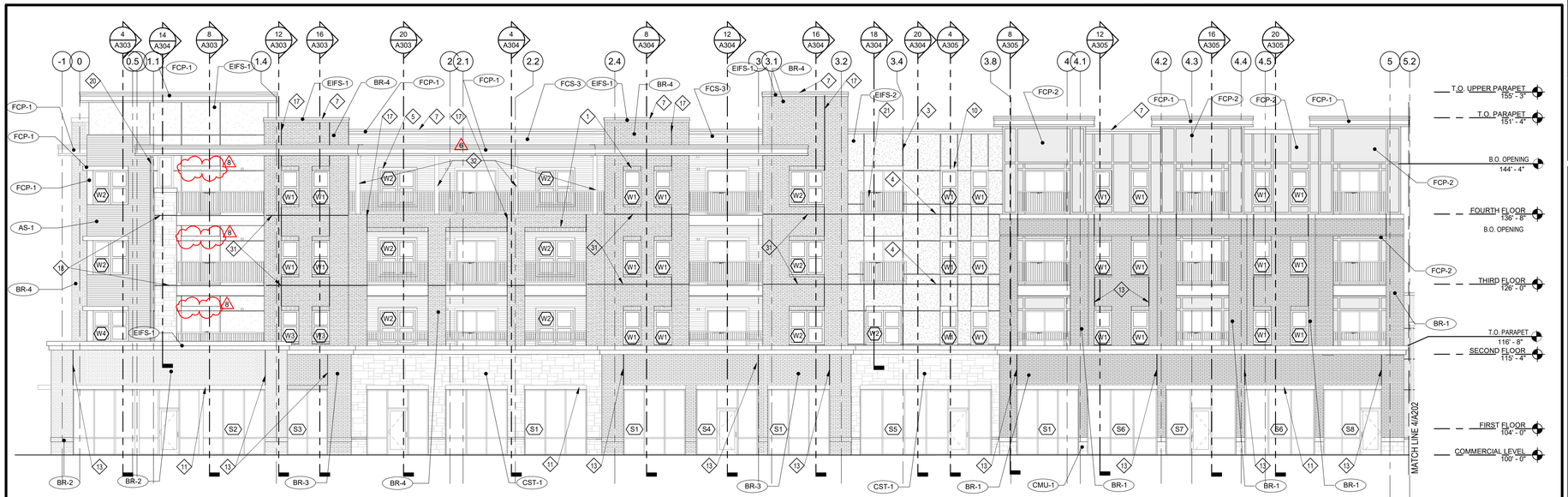
2 EAST ELEVATION - North Half

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



3 EAST ELEVATION - Clubhouse

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

4.3.20

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
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DATE: 7.29.19

REVISIONS 8

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020

DWG BY MKSS

TR.i PROJECT NO. 18-046

SHEET NO.

A202

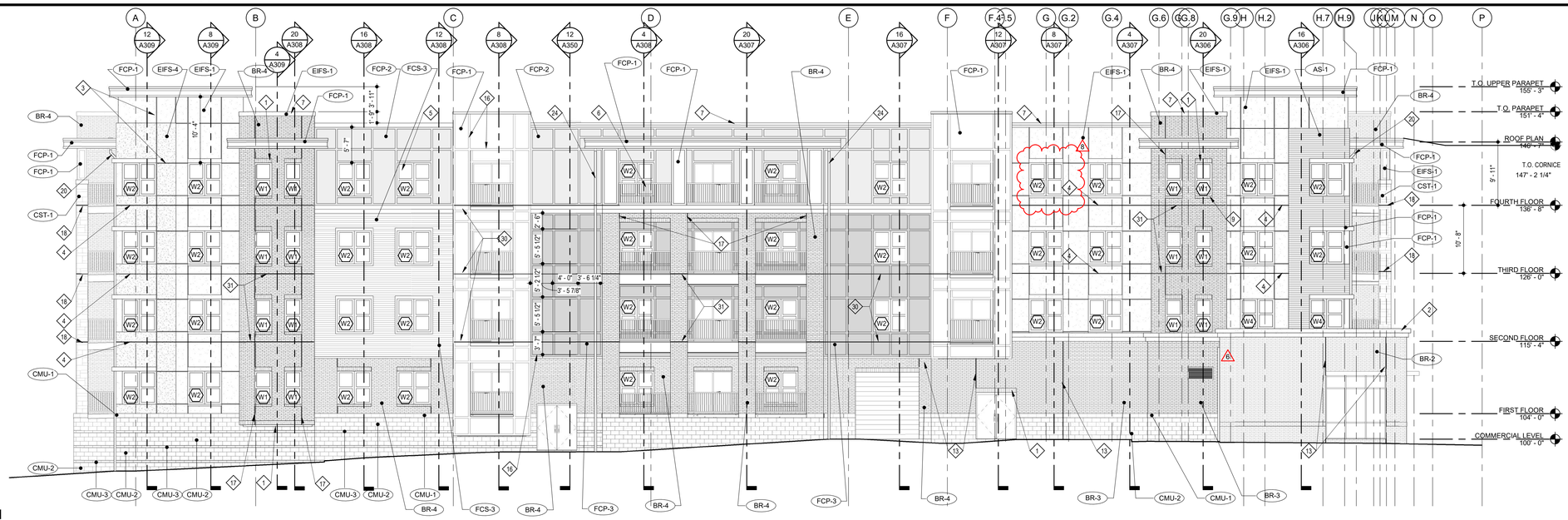
EAST ELEVATIONS

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.
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

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"

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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6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020

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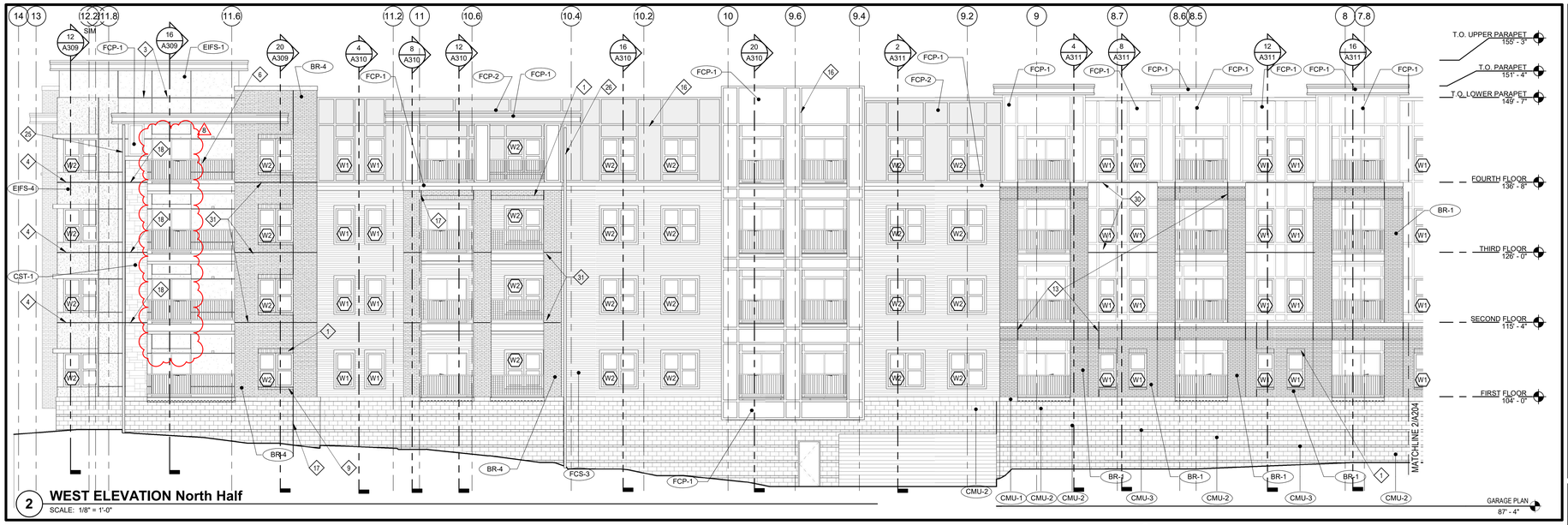
TRi PROJECT NO. 18-046

SHEET NO.

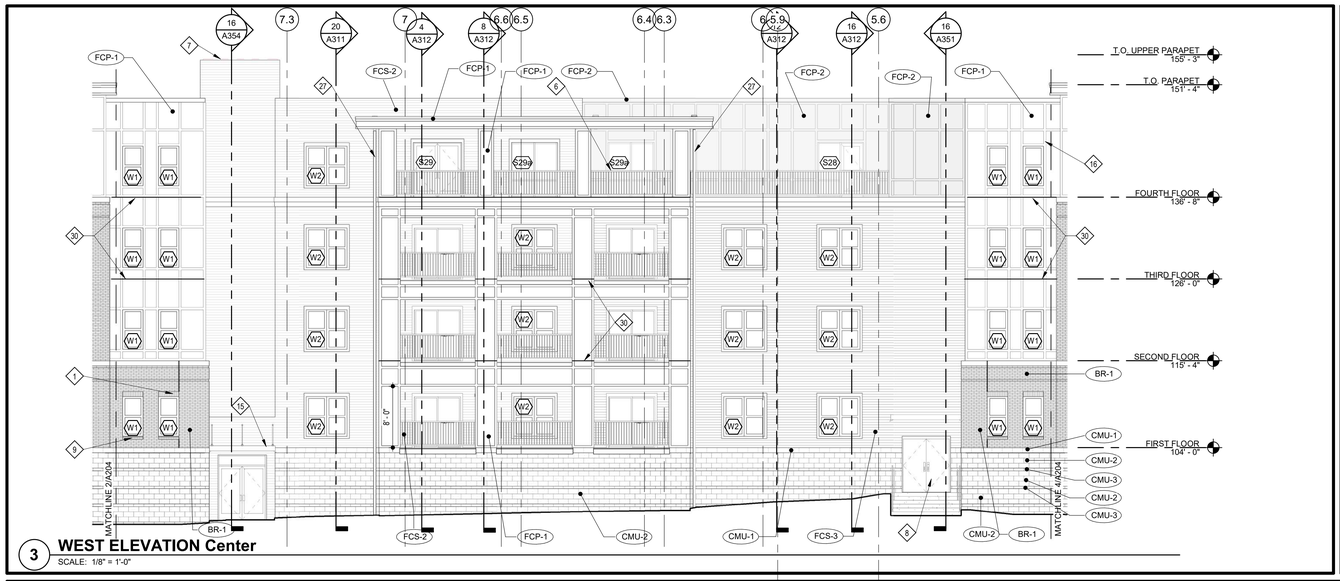
A203

SOUTH ELEVATION



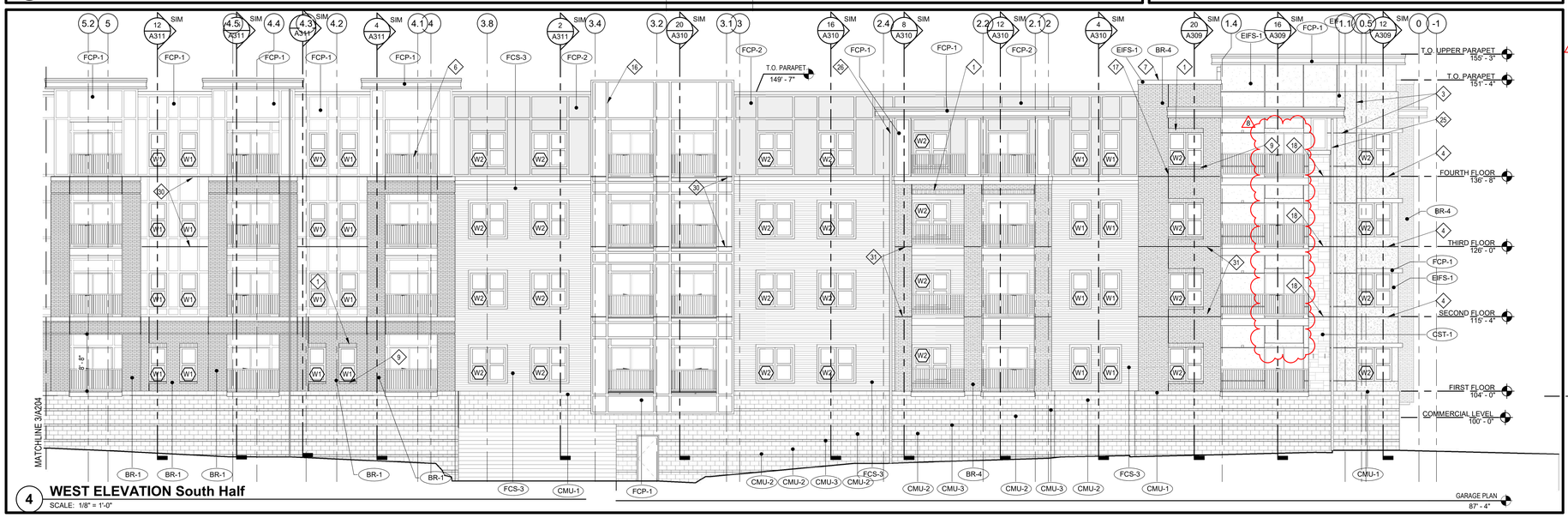
2 WEST ELEVATION North Half

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



3 WEST ELEVATION Center

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



4 WEST 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

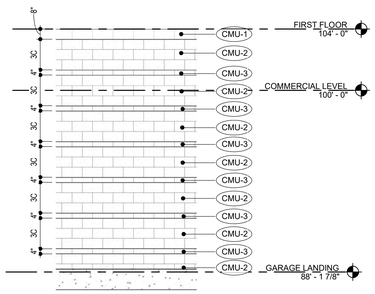
28 PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH STOREFRONT

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

32 BALCONY ROOF POST. RE: 15/A325



20 CMU BANDING

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

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8	REVISION 3	4.3.2020

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TR¡ PROJECT NO. 18-046

SHEET NO.

A204

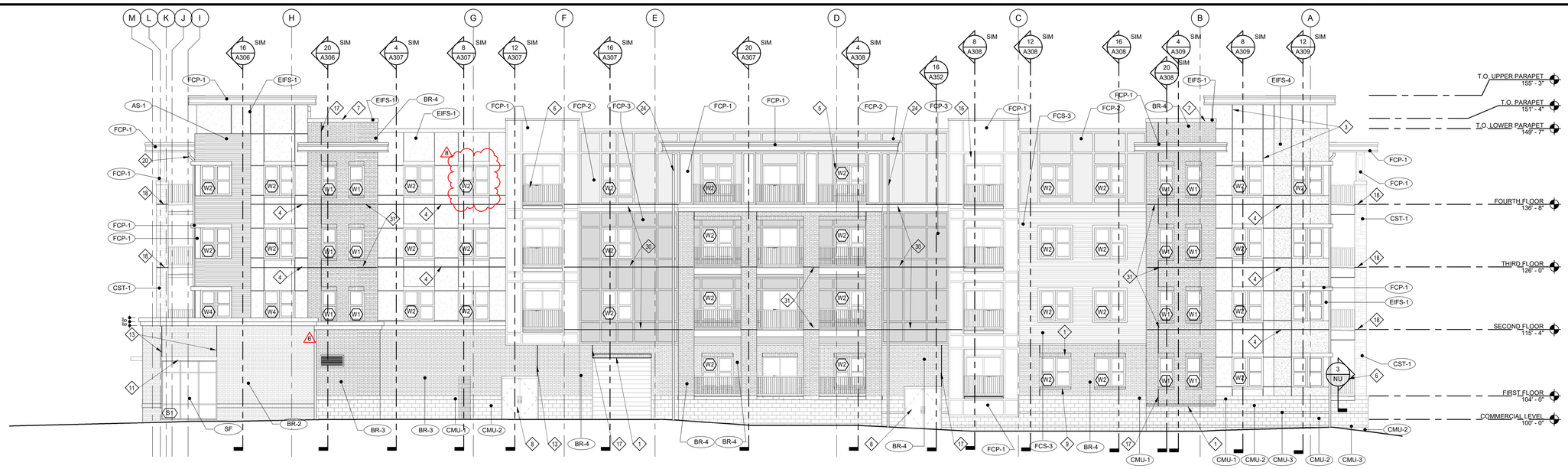
WEST ELEVATIONS

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.
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

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



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

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8	REVISION 3	4.3.2020

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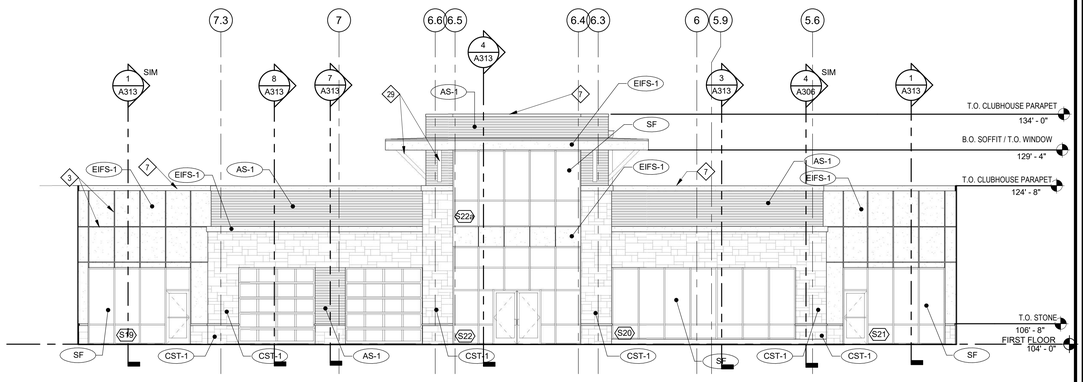
TR¡ PROJECT NO. 18-046

SHEET NO.

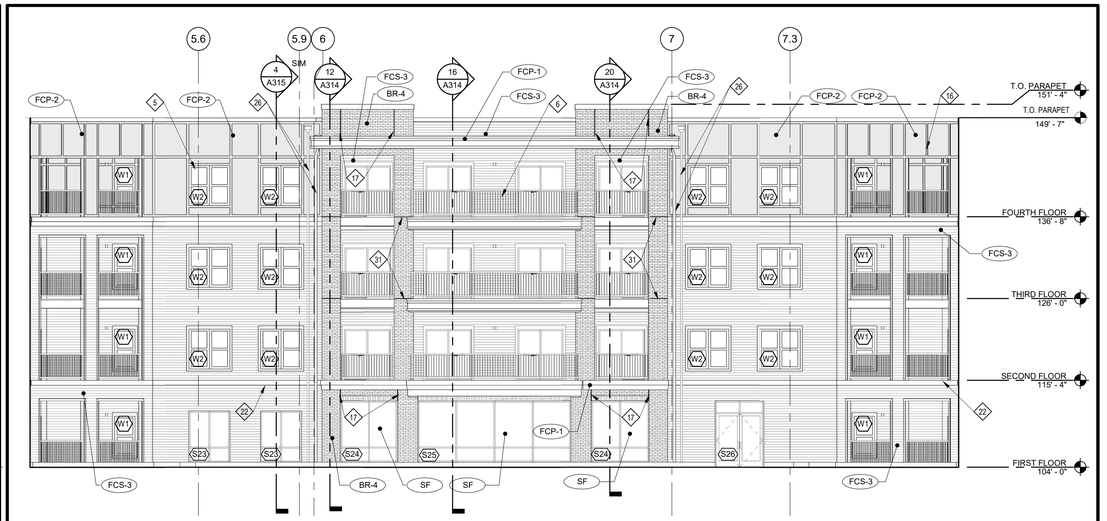
A205

NORTH ELEVATION



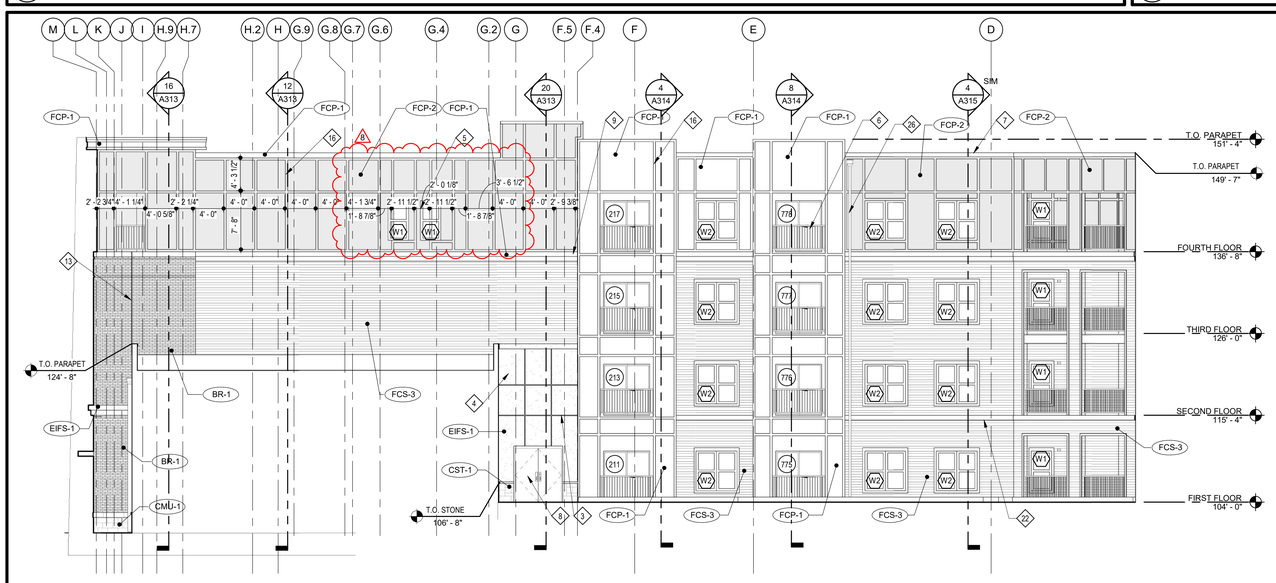
1 CENTER COURTYARD EAST ELEVATION

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



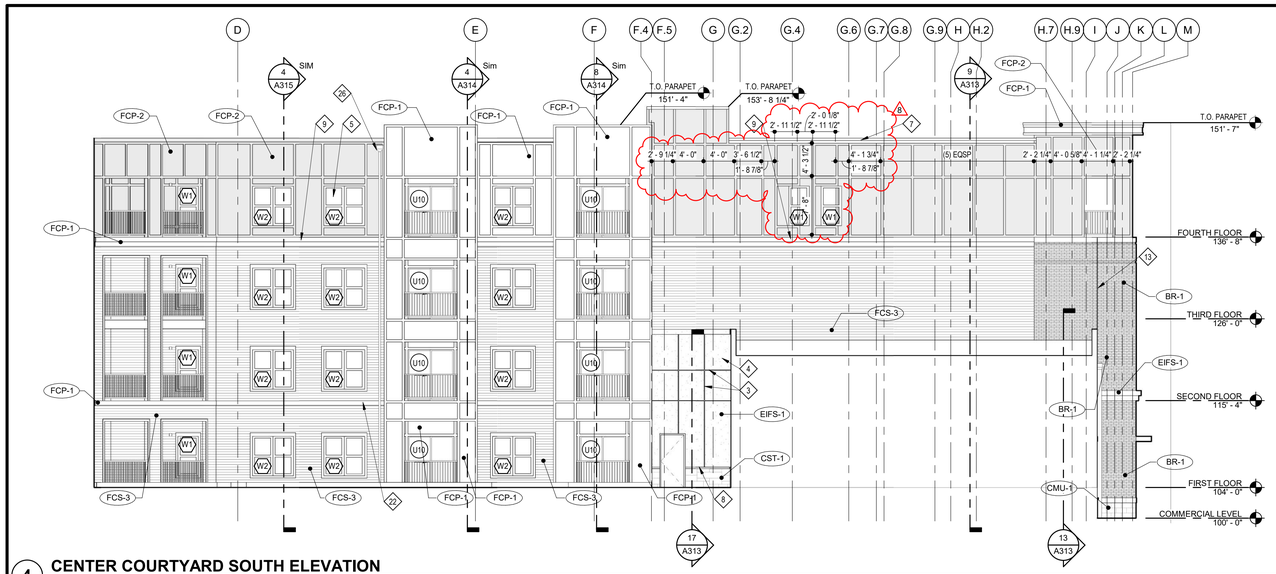
13 CENTER COURTYARD WEST ELEVATION

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



2 CENTER COURTYARD NORTH ELEVATION

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



4 CENTER COURTYARD SOUTH ELEVATION

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

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
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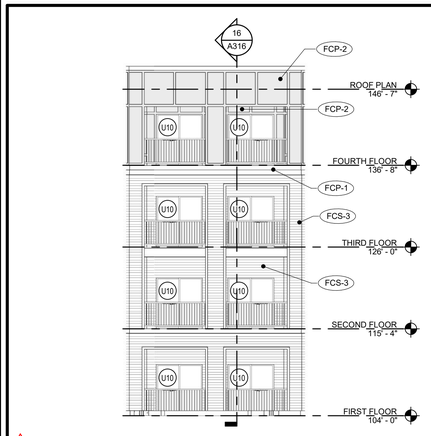
32 BALCONY ROOF POST. RE: 15/A325



16 CENTER COURTYARD SOUTHEAST ELEVATION

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

EXTERIOR MATERIAL LIST

	AS-1	ALUMINUM SIDING	MFR: LONGBOARD, COLOR: DARK NATIONAL WALNUT, CODE: 1838-02-733
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	BR-2	BRICK	MFR: SIOUX CITY BRICK, SIZE: MODULAR, COLOR: SANTE FE
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	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
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	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

4.3.20

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DATE: 7.29.19

REVISIONS 7

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020

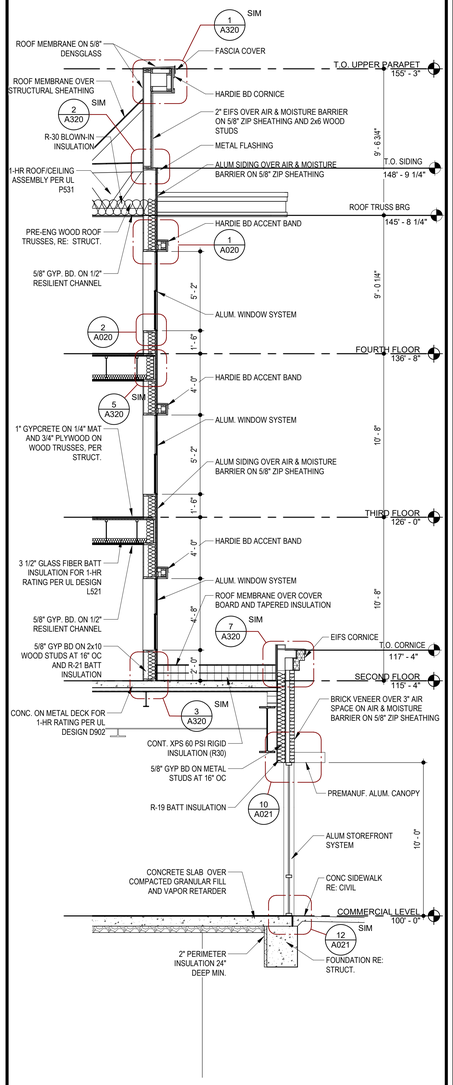
DWG BY MKSS

TR¡ PROJECT NO. 18-046

SHEET NO.

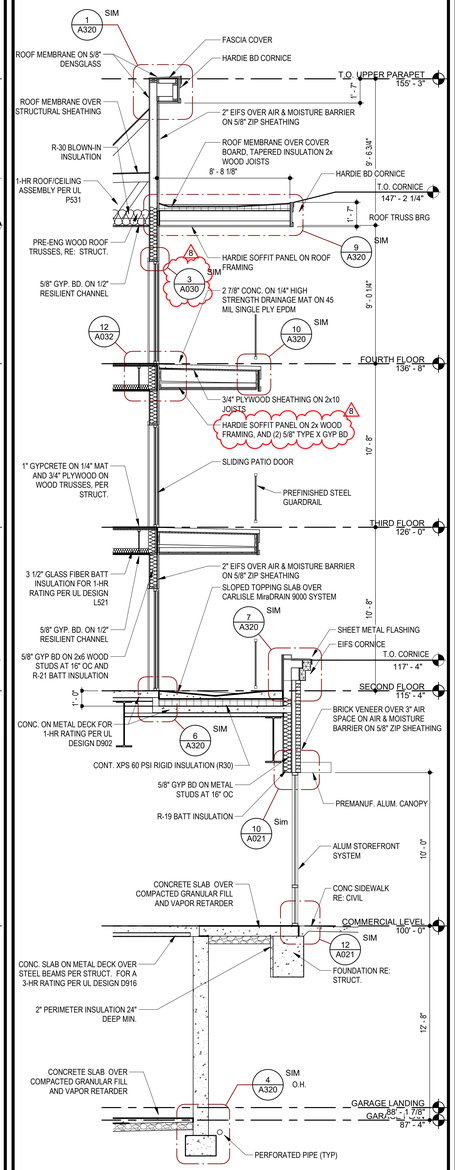
A207

CENTER COURTYARD ELEVATIONS



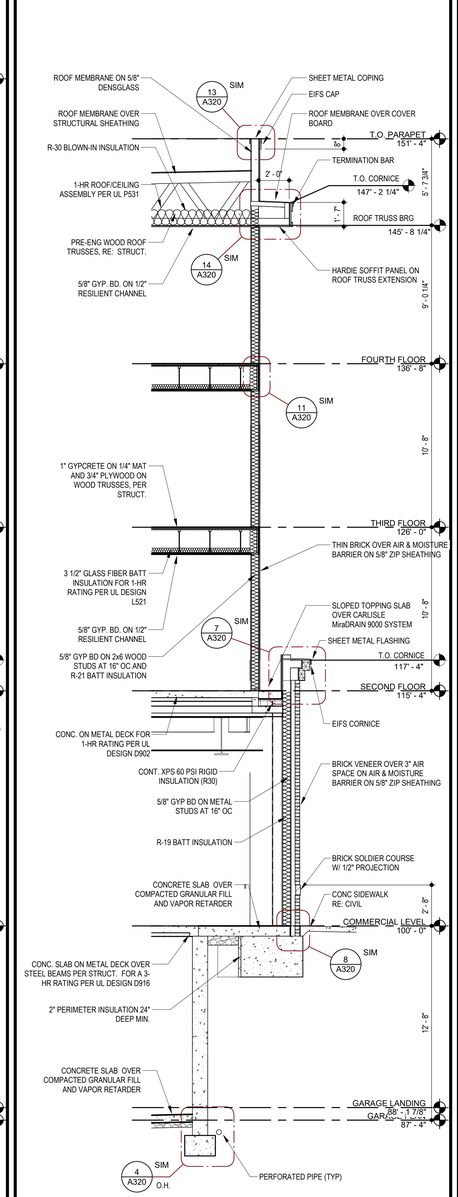
WALL SECTION @ G1 WINDOW ABOVE RETAIL

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



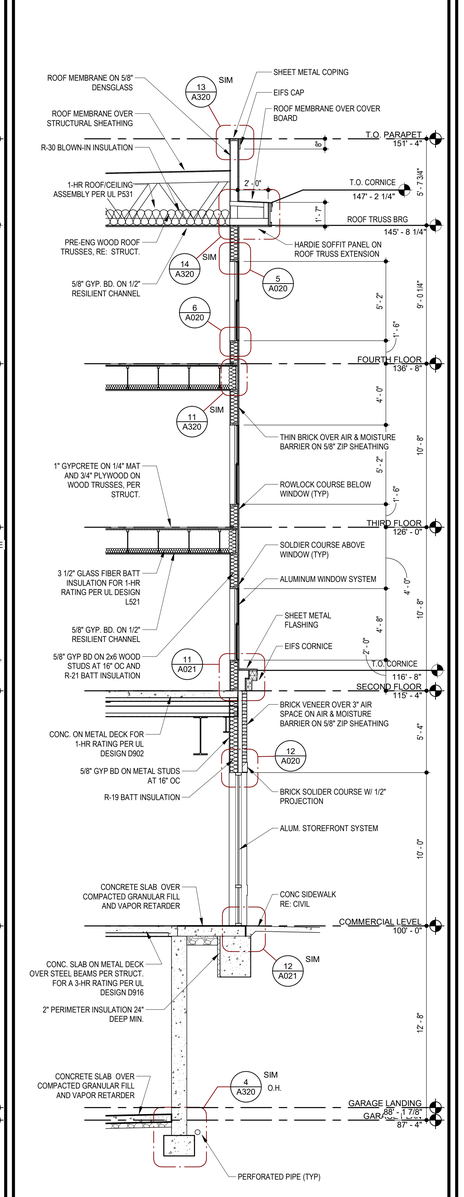
WALL SECTION @ G1 BALCONY ABOVE RETAIL

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



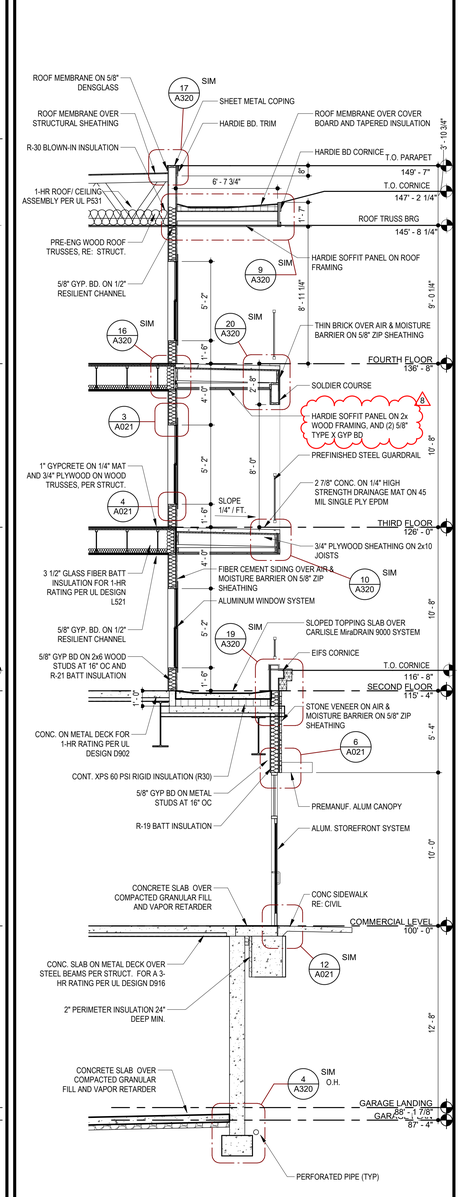
WALL SECTION @ G1 BEDROOM ABOVE RETAIL

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



WALL SECTION @ G1 BEDROOM WINDOWS ABOVE RETAIL

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



WALL SECTION @ F1 BALCONY WINDOWS ABOVE RETAIL

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

4.3.20

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REVISIONS

	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020

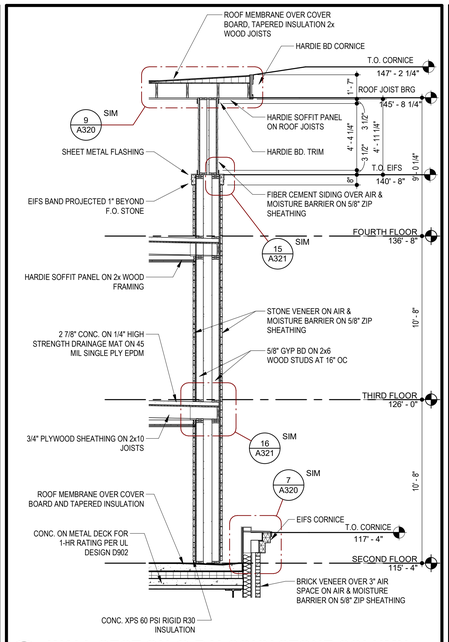
DWG BY AR

TR.i PROJECT NO. 18-046

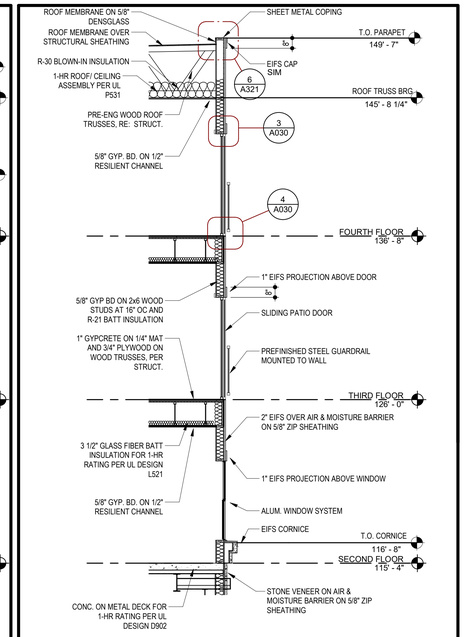
SHEET NO.

A303

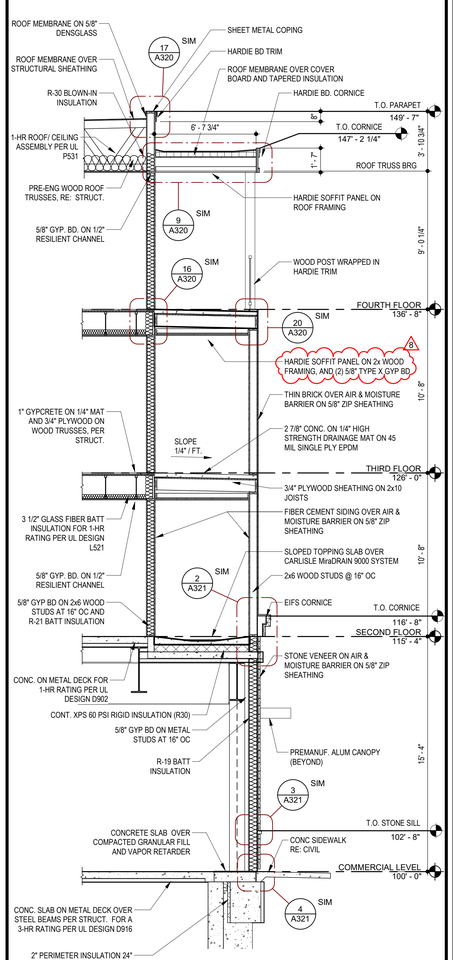
WALL SECTIONS



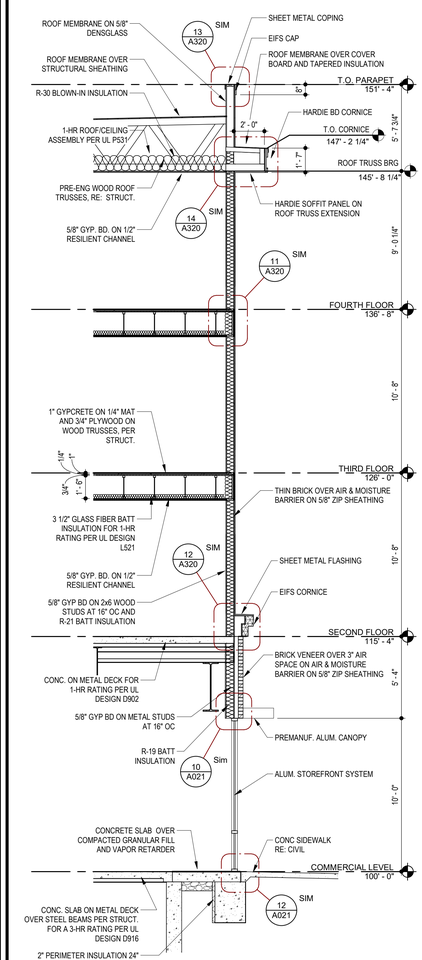
14 **WALL SECTION @ BALCONY STONE COLUMN**
SCALE: 1/4" = 1'-0"



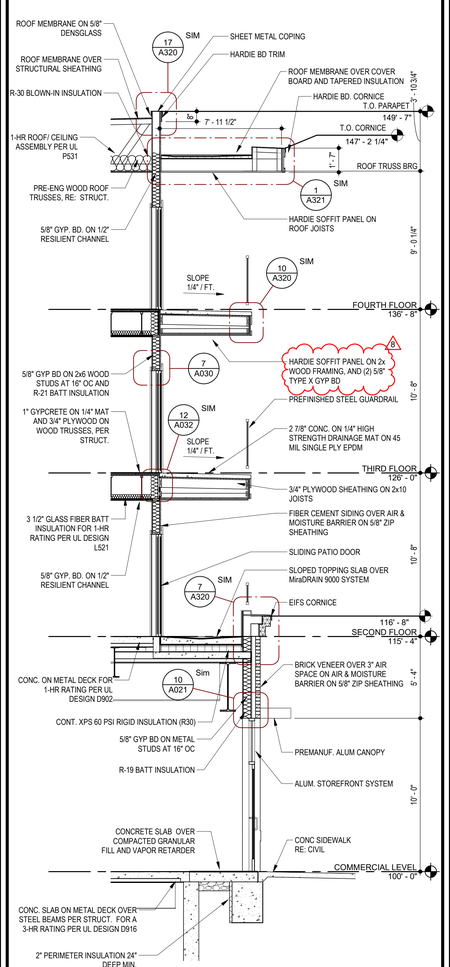
18 **WALL SECTION @ A3 PATIO DOOR**
SCALE: 1/4" = 1'-0"



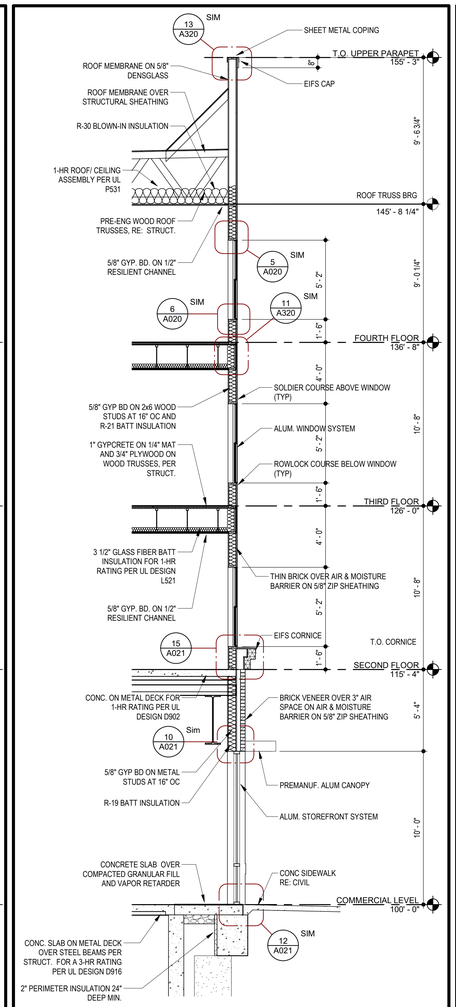
4 **WALL SECTION @ F1 BALCONY ABOVE RETAIL**
SCALE: 1/4" = 1'-0"



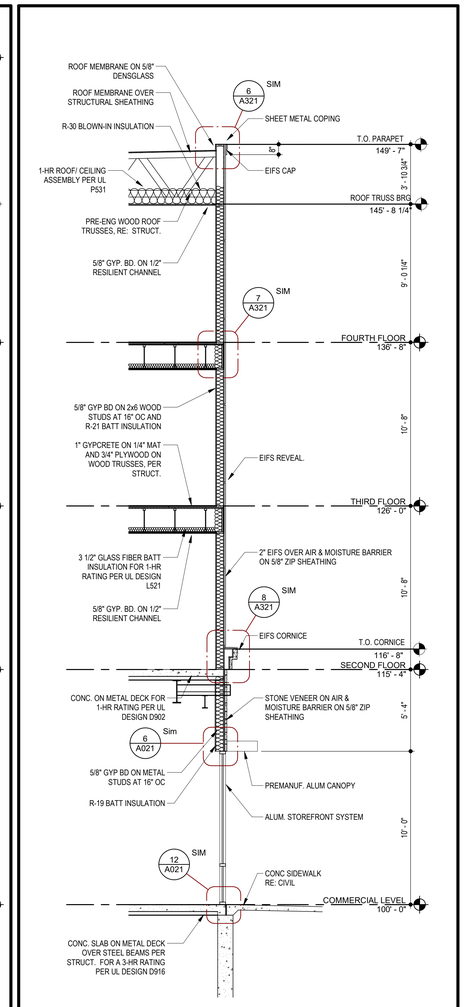
8 **WALL SECTION @ A3 ABOVE RETAIL**
SCALE: 1/4" = 1'-0"



12 **WALL SECTION @ A3 BALCONY ABOVE RETAIL**
SCALE: 1/4" = 1'-0"



16 **WALL SECTION @ A4 WINDOW ABOVE RETAIL**
SCALE: 1/4" = 1'-0"



20 **WALL SECTION @ EIFS ABOVE CULTURED STONE**
SCALE: 1/4" = 1'-0"

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REVISIONS

	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020

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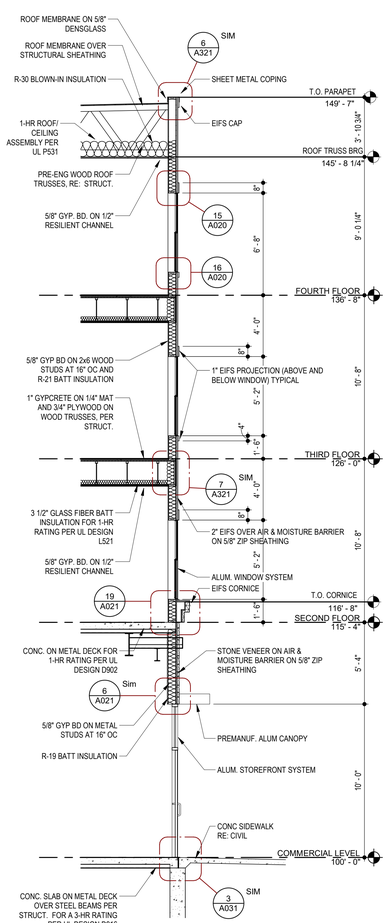
TR.i PROJECT NO. 18-046

SHEET NO.

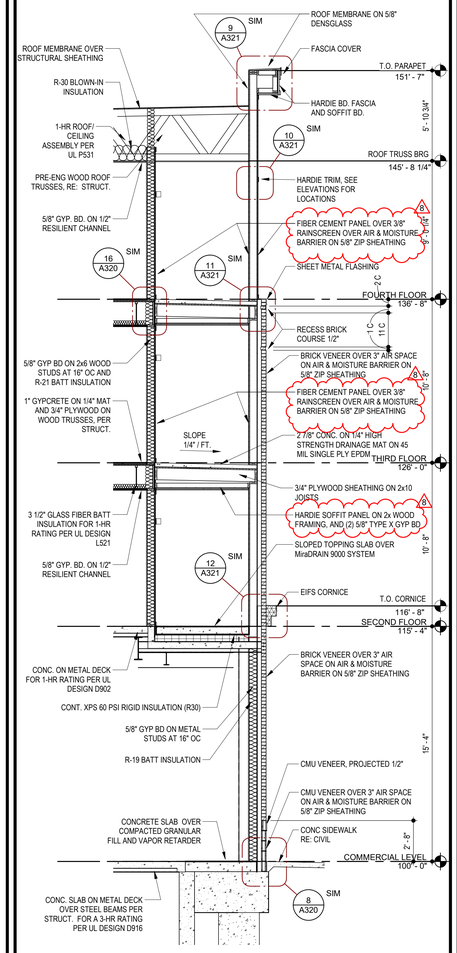
A304

WALL SECTIONS



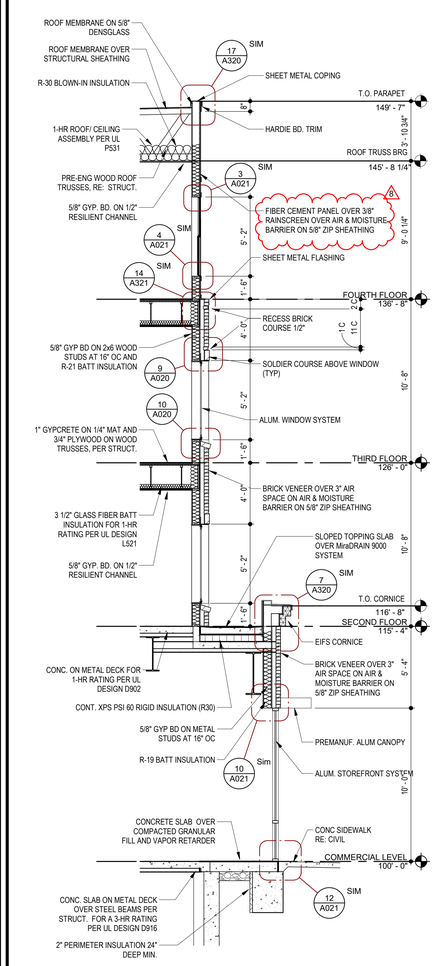
WALL SECTION @ WINDOW IN EIFS ABOVE CULTURED STONE

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



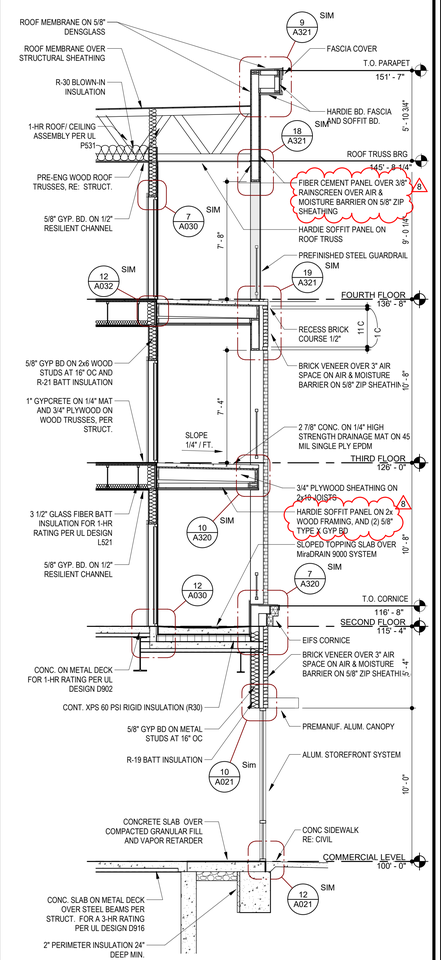
WALL SECTION @ BRICK 1 BALCONY ABOVE RETAIL

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



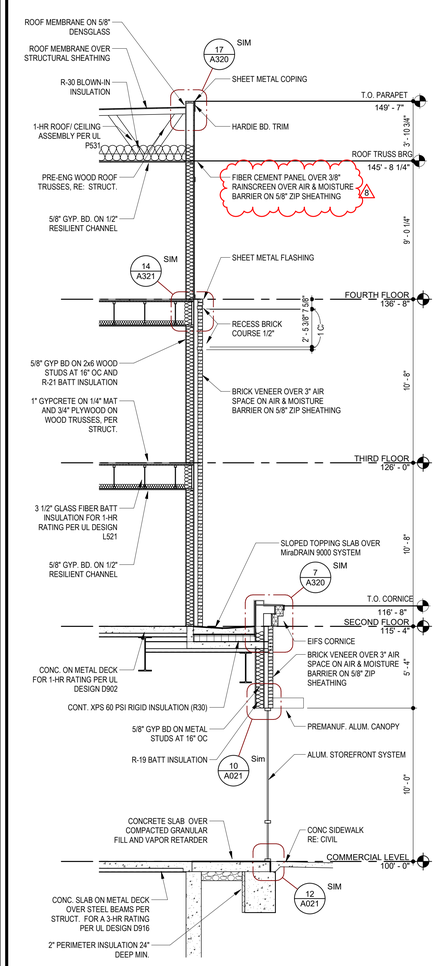
WALL SECTION @ BRICK 1 WINDOW ABOVE

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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REVISIONS

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	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020

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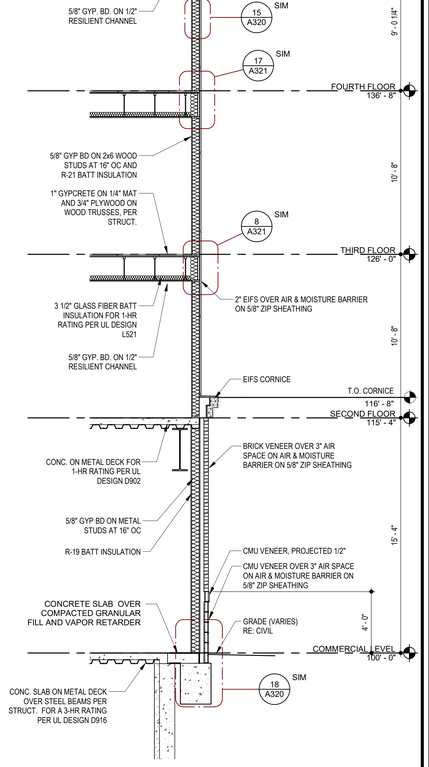
SHEET NO.

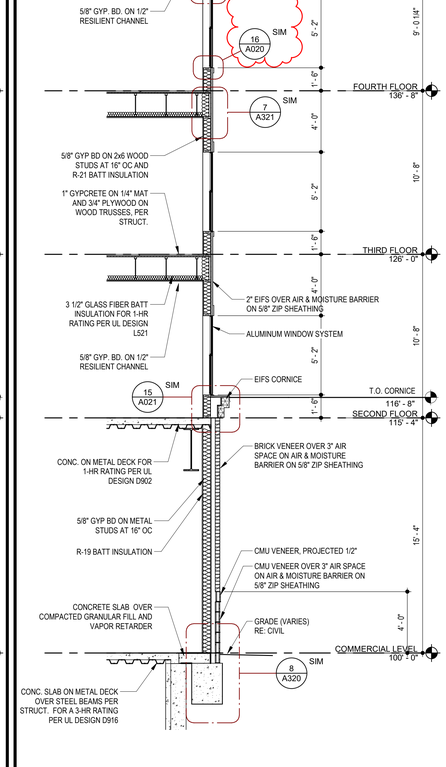
A305

WALL SECTIONS



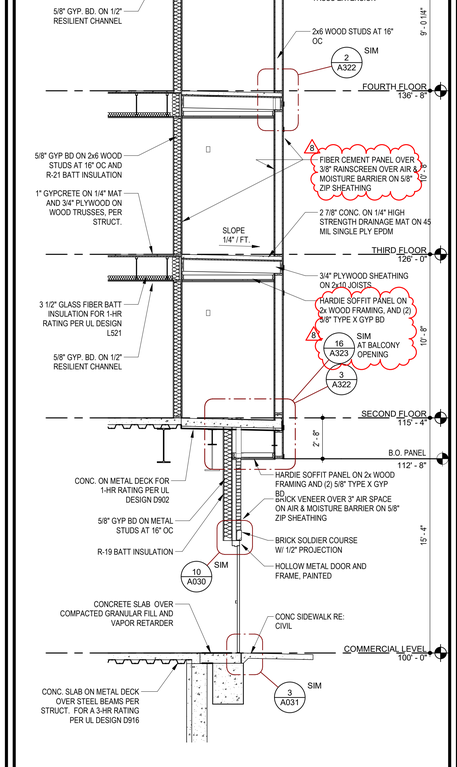
4 WALL SECTION @ D1 ABOVE RETAIL

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



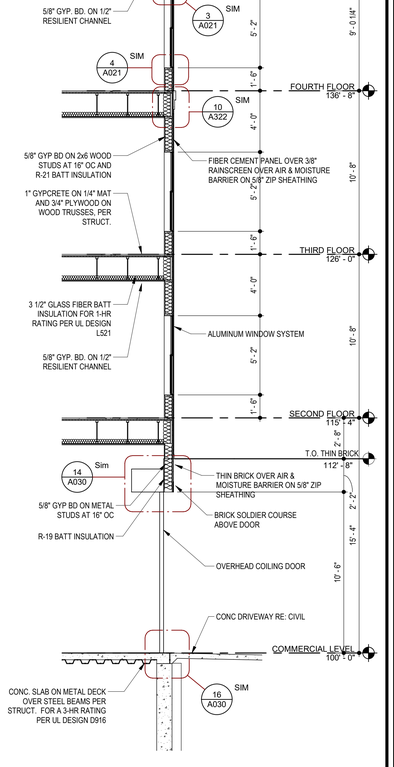
8 WALL SECTION @ D1 WINDOW ABOVE RETAIL

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



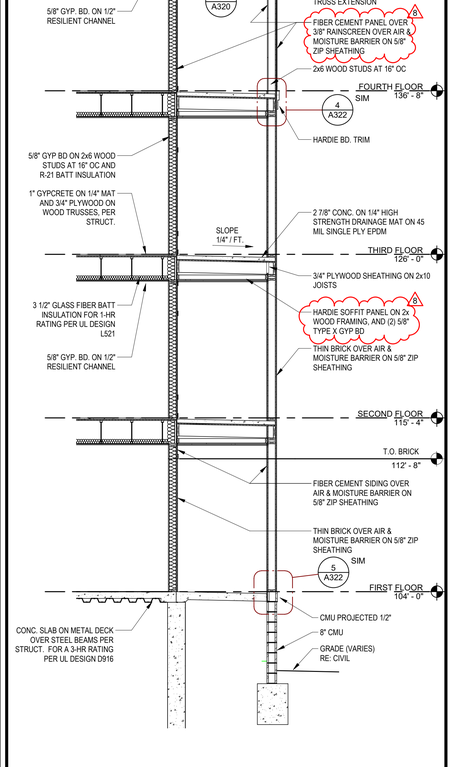
12 WALL SECTION @ D1 BALCONY ABOVE RETAIL

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



16 WALL SECTION @ TRASH AND OVERHEAD DOOR

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



20 WALL SECTION @ F1 BALCONY SOUTH

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

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REVISIONS

	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020

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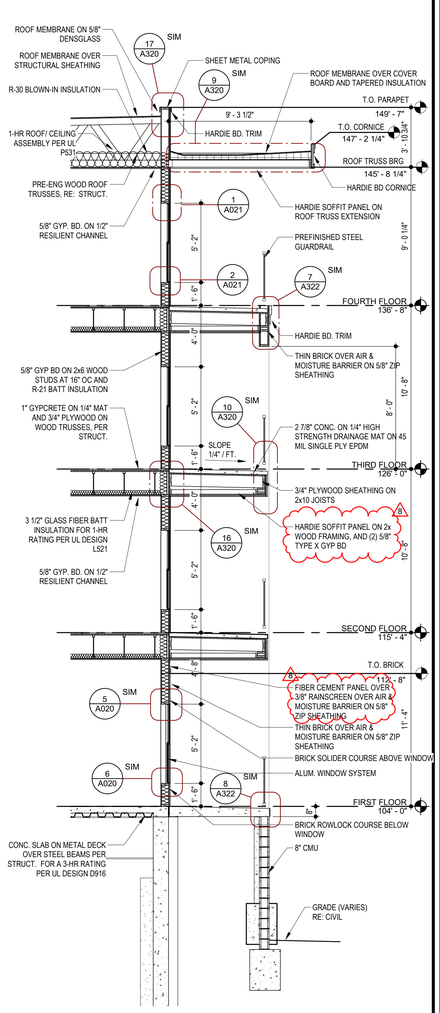
TR¡ PROJECT NO. 18-046

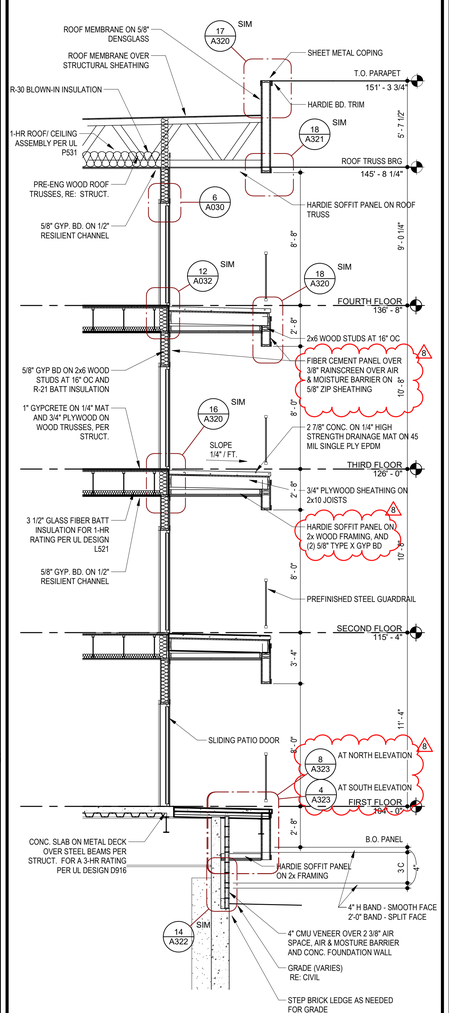
SHEET NO.

A307

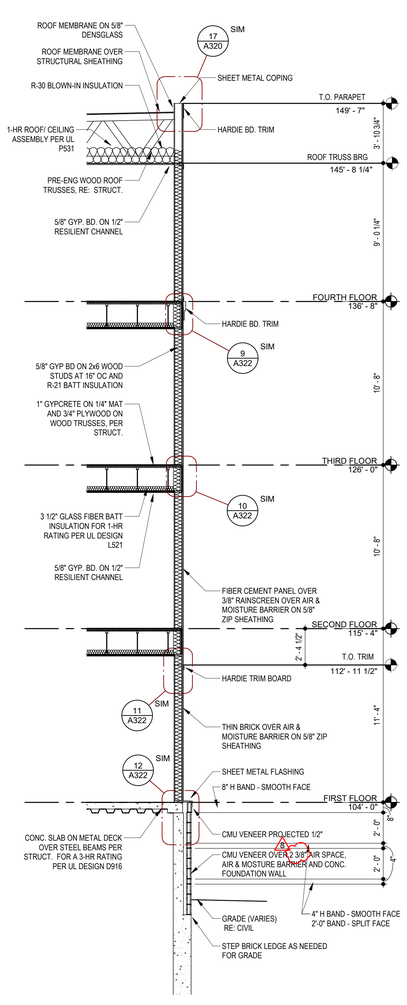
WALL SECTIONS



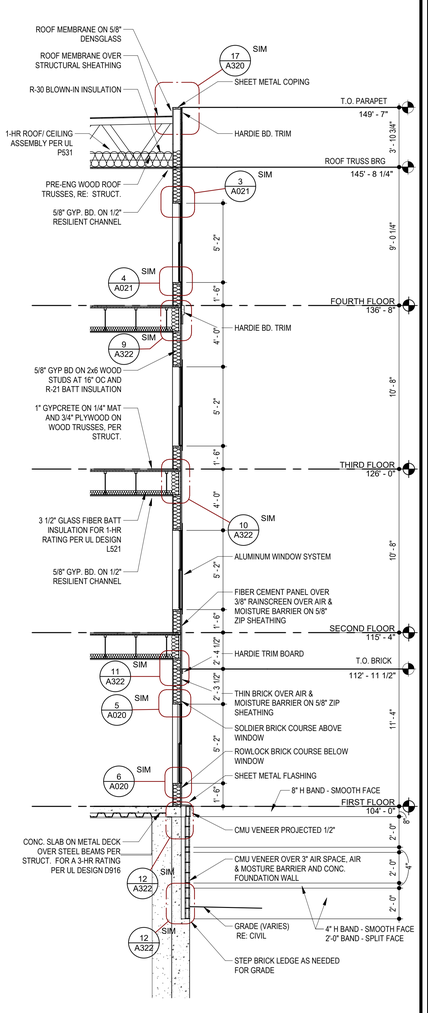
4 WALL SECTION @ F1 WINDOWS SOUTH
SCALE: 1/4" = 1'-0"



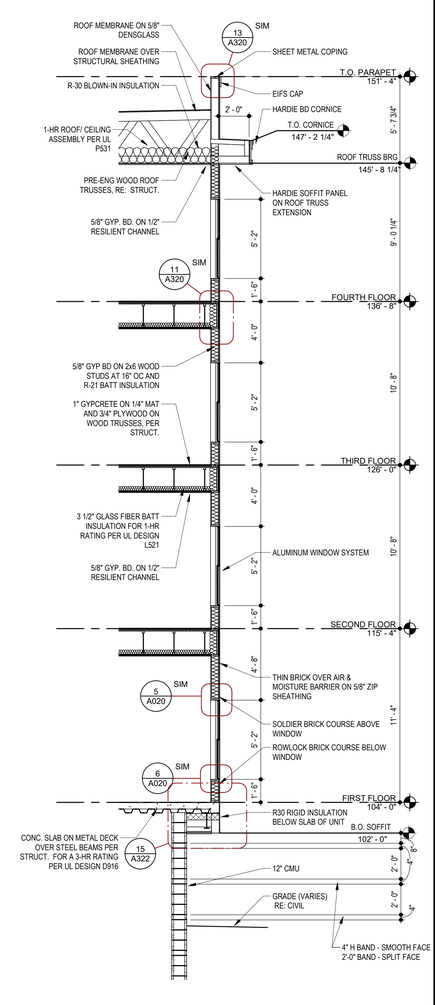
8 WALL SECTION @ D1 BALCONY ABOVE GARAGE
SCALE: 1/4" = 1'-0"



12 WALL SECTION @ D1 ABOVE GARAGE
SCALE: 1/4" = 1'-0"



16 WALL SECTION @ D1 WINDOWS ABOVE GARAGE
SCALE: 1/4" = 1'-0"



20 WALL SECTION @ G1 WINDOWS IN BRICK ABOVE GARAGE
SCALE: 1/4" = 1'-0"

TR¡ ARCHITECTS — ARCHITECT
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REVISIONS

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8	REVISION 3	4.3.2020

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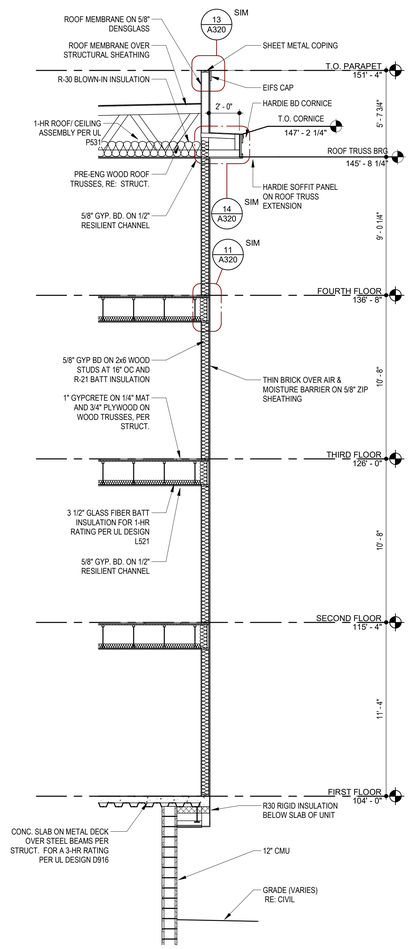
TR¡ PROJECT NO. 18-046

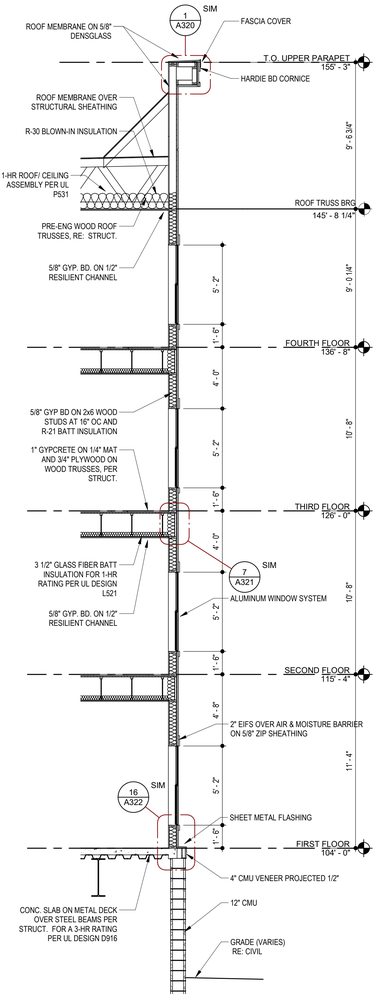
SHEET NO.

A308

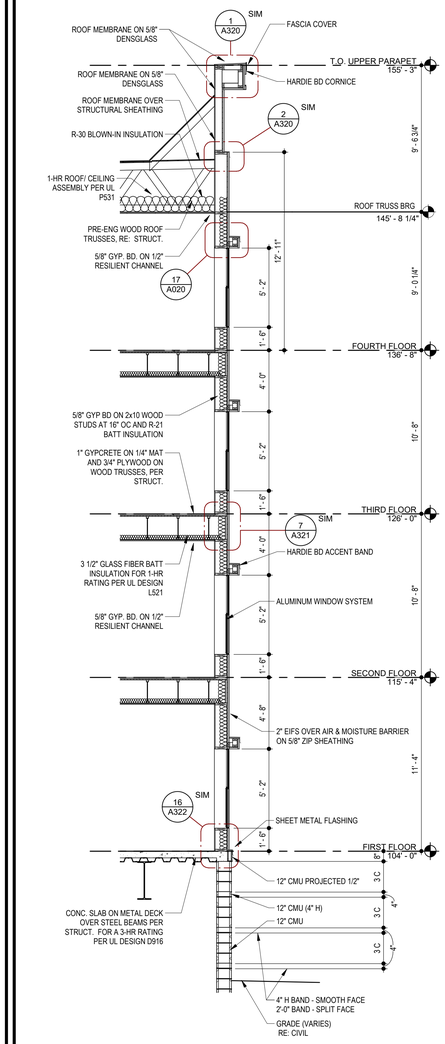
WALL SECTIONS



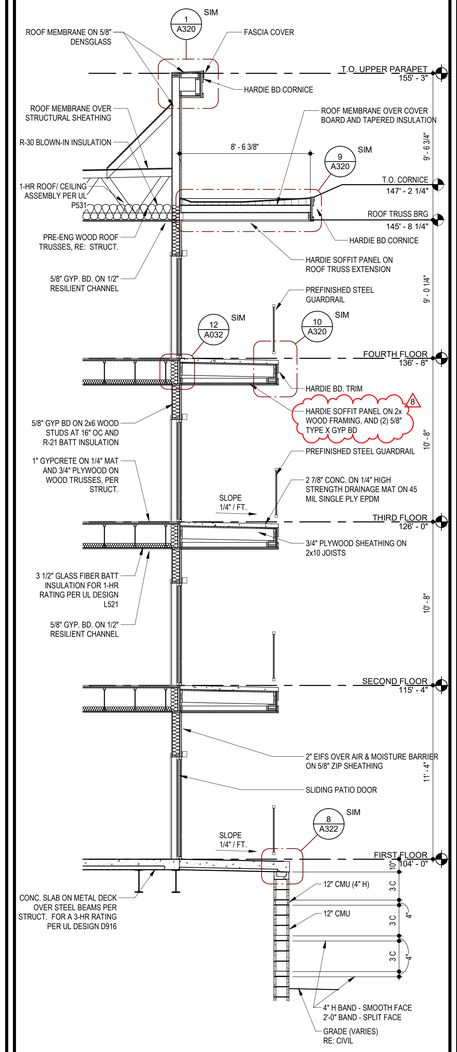
4 **WALL SECTION @ G1 BRICK ABOVE GARAGE**
SCALE: 1/4" = 1'-0"



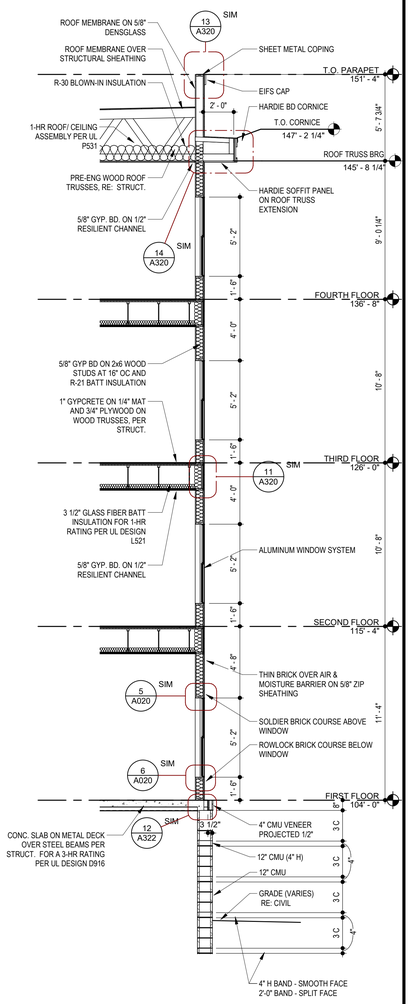
8 **WALL SECTION @ G1 WINDOWS IN EIFS ABOVE GARAGE**
SCALE: 1/4" = 1'-0"



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"

4.3.20

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REVISIONS (#)

	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020

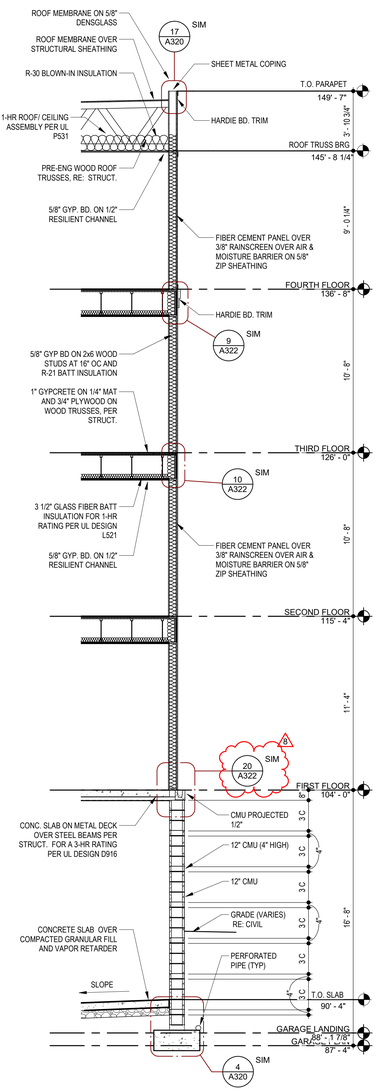
DWG BY AR

TR¡ PROJECT NO. 18-046

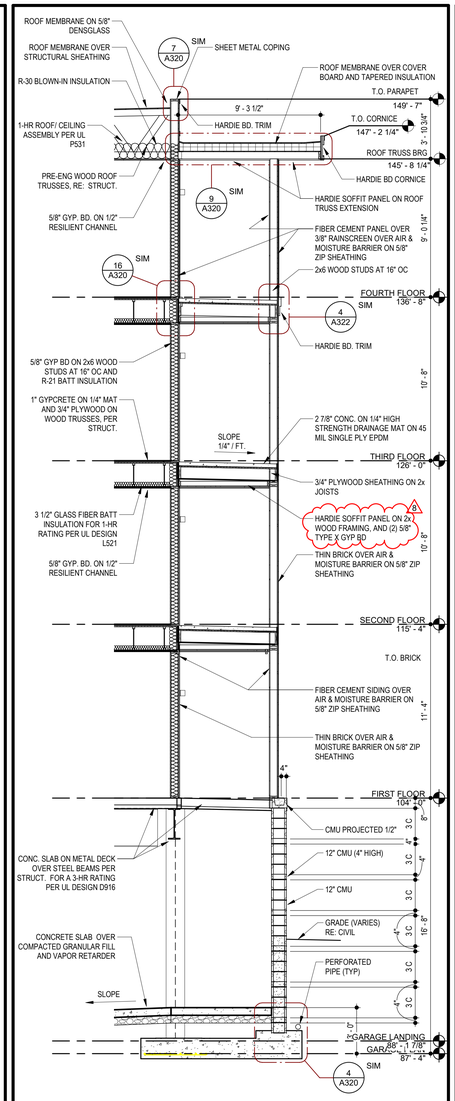
SHEET NO.

A309

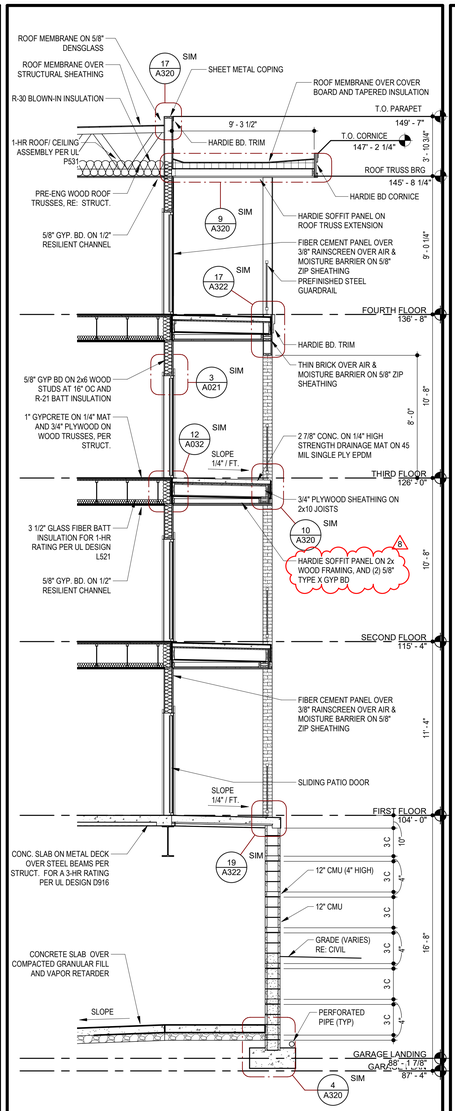
WALL SECTIONS



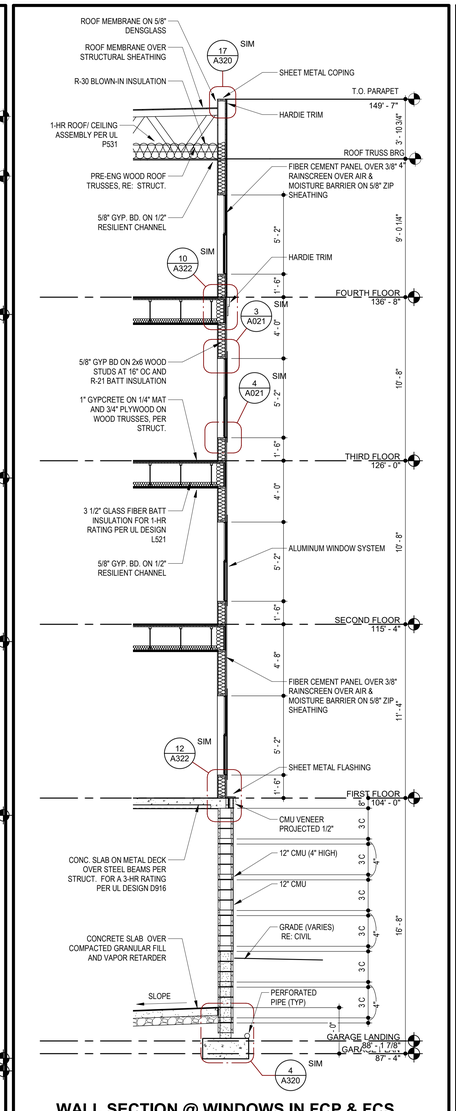
4 WALL SECTION @ FCP & FCS ABOVE GARAGE
SCALE: 1/4" = 1'-0"



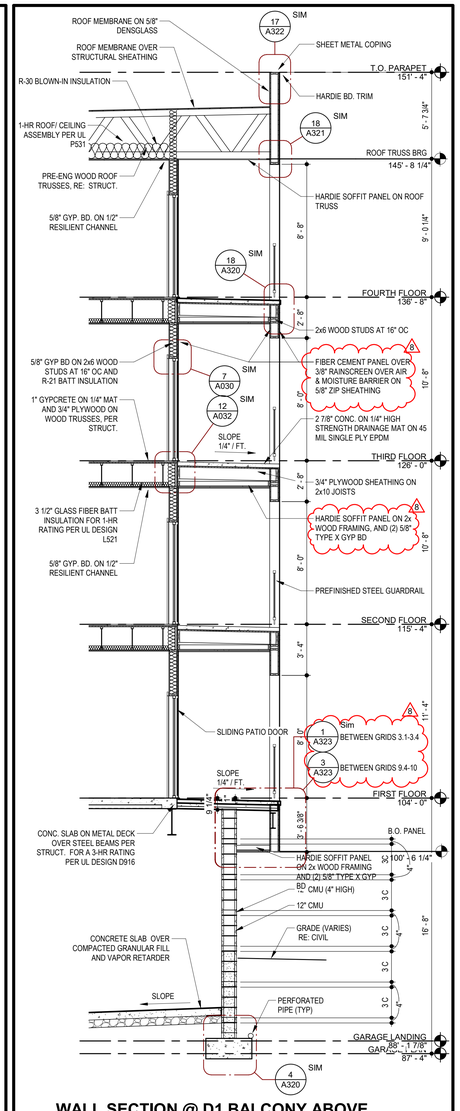
8 WALL SECTION @ F1 BALCONY ABOVE GARAGE
SCALE: 1/4" = 1'-0"



12 WALL SECTION @ F1 SLIDER ABOVE GARAGE
SCALE: 1/4" = 1'-0"



16 WALL SECTION @ WINDOWS IN FCP & FCS ABOVE GARAGE
SCALE: 1/4" = 1'-0"



20 WALL SECTION @ D1 BALCONY ABOVE GARAGE WEST ELEVATION
SCALE: 1/4" = 1'-0"

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REVISIONS 8

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8	REVISION 3	4.3.2020

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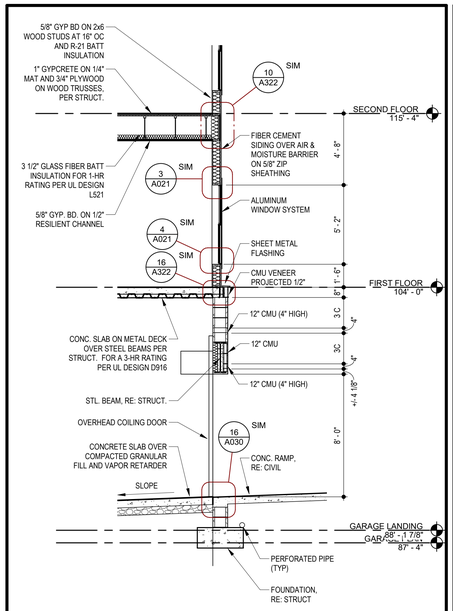
SHEET NO.

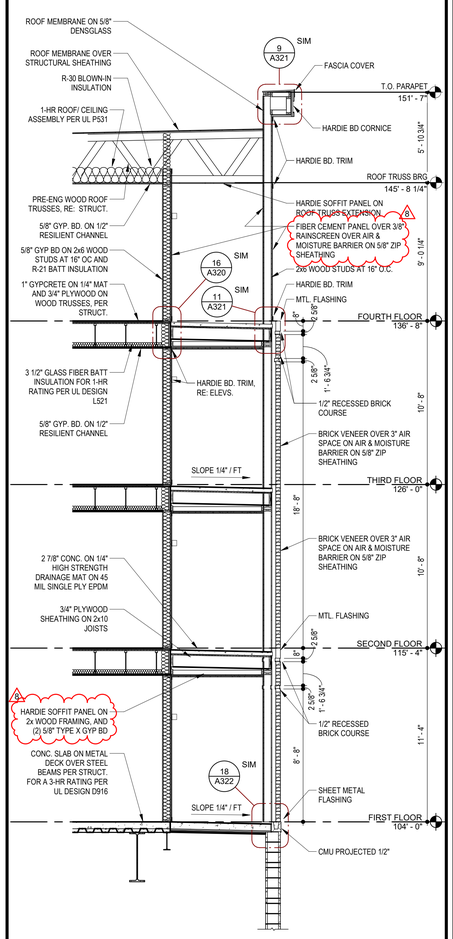
A310

WALL SECTIONS



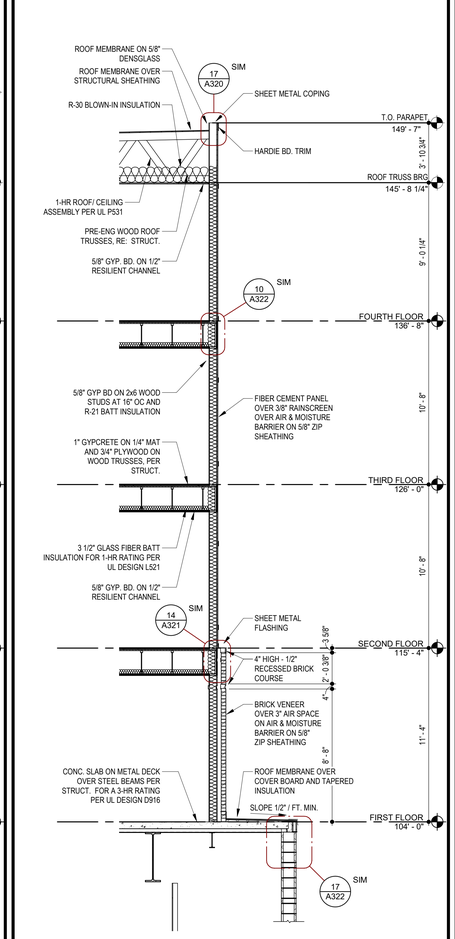
2 WALL SECTION @ WINDOWS IN FCP & FCS ABOVE GARAGE ENTRY

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



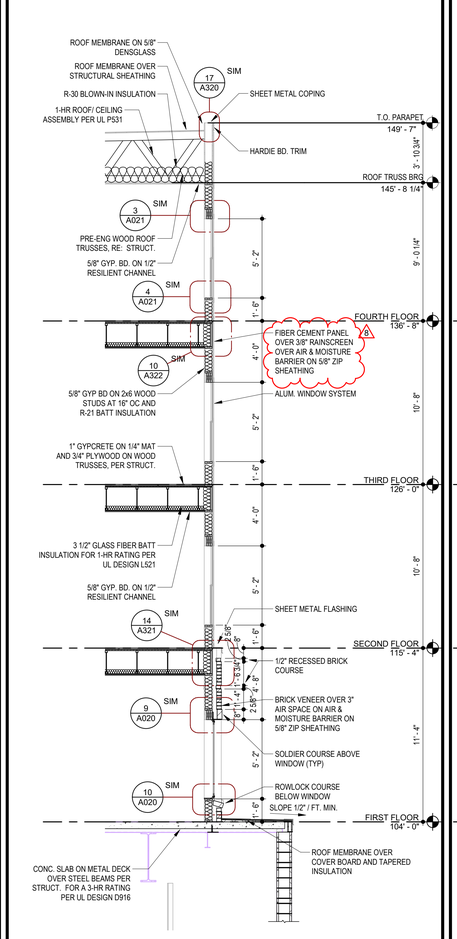
4 WALL SECTION @ WEST B1 BALCONY

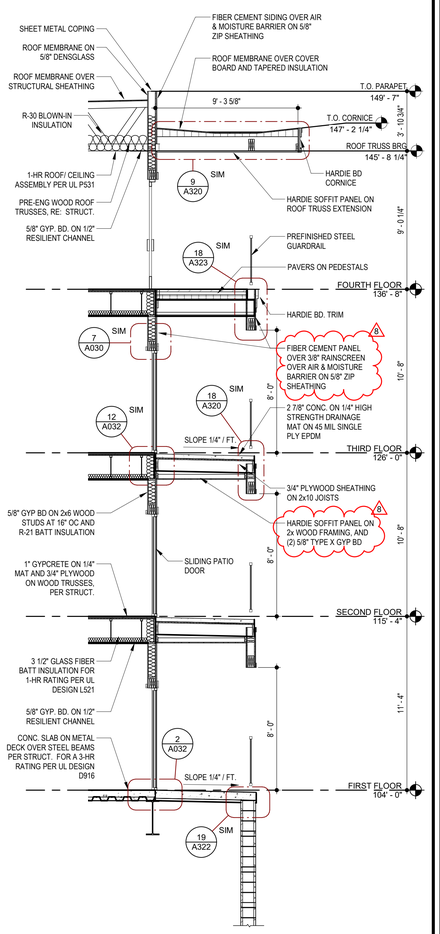
SCALE: 1/4" = 1'-0"



8 WALL SECTION @ FCP & BRICK ABOVE GARAGE

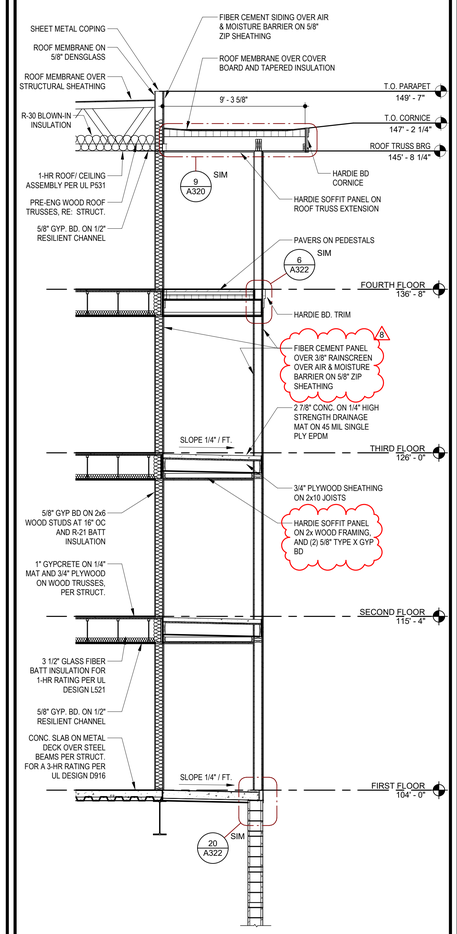
SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
R-30 BLOWN-IN INSULATION
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
SLOPE 1/4" / FT.
SIM
3 A021
4 A021
10 A322
9 A020
10 A020
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
ALUM. WINDOW SYSTEM
SHEET METAL FLASHING
1/2" RECESSED BRICK COURSE
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SOLDIER COURSE ABOVE WINDOW (TYP)
ROWLOCK COURSE BELOW WINDOW
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
T.O. PARAPET 149' - 7"
ROOF TRUSS BRG 145' - 8 1/4"
FOURTH FLOOR 136' - 8"
THIRD FLOOR 126' - 0"
SECOND FLOOR 115' - 4"
FIRST FLOOR 104' - 0"
3' - 10 3/4"
9' - 0 1/4"
10' - 8"
10' - 8"
10' - 8"
11' - 4"
2' - 5"
4' - 0"
1' - 5"
2' - 5"
4' - 0"
1' - 5"
2' - 5"
4' - 0"
1' - 5



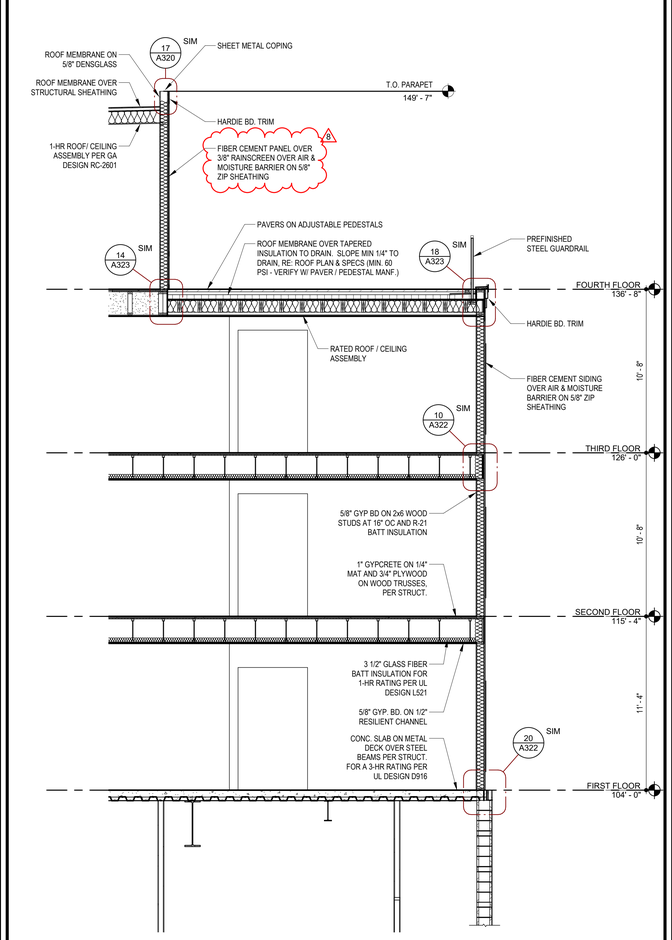
4 WALL SECTION @ AMENITY BALCONY ABOVE SLIDER

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



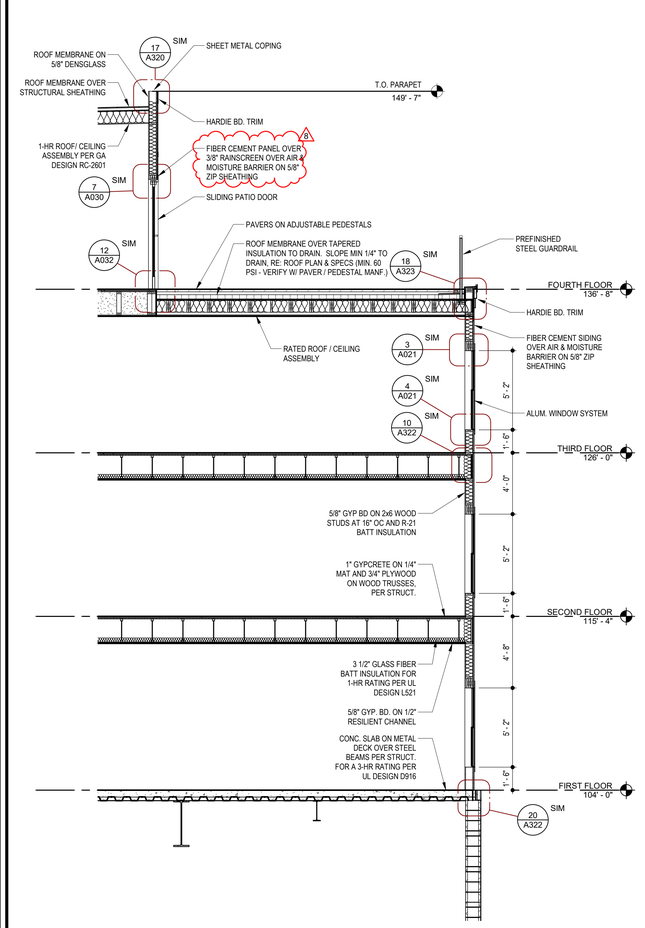
8 WALL SECTION @ AMENITY BALCONY

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



12 WALL SECTION @ AMENITY DECK

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



16 WALL SECTION @ AMENITY DECK & WINDOWS

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

TR¡ ARCHITECTS — ARCHITECT
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REVISIONS

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	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020

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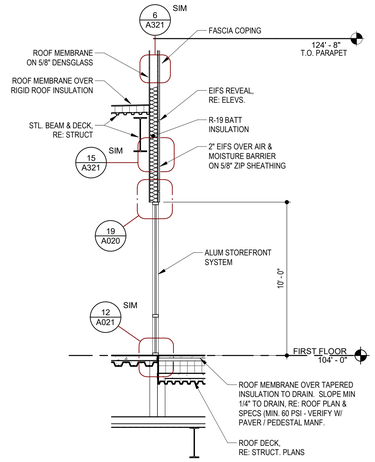
SHEET NO.

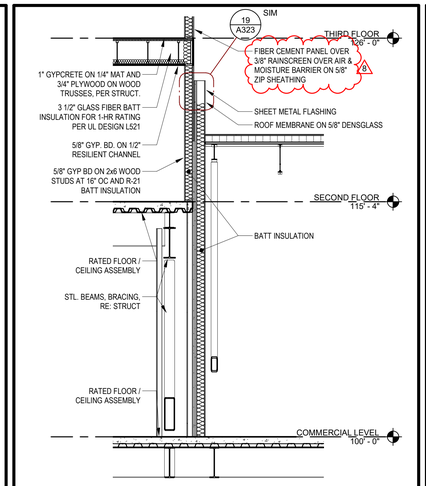
A312

WALL SECTIONS



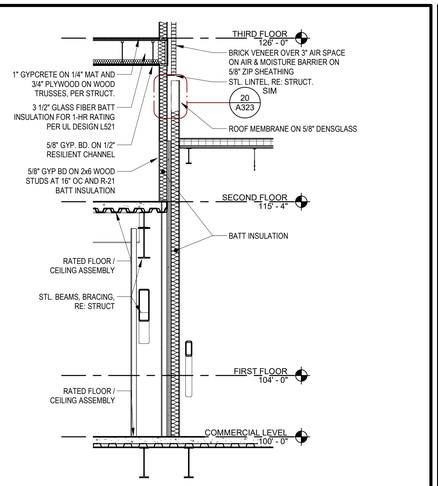
1 WALL SECTION @ COURTYARD CLUBHOUSE EIFS & STONE

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



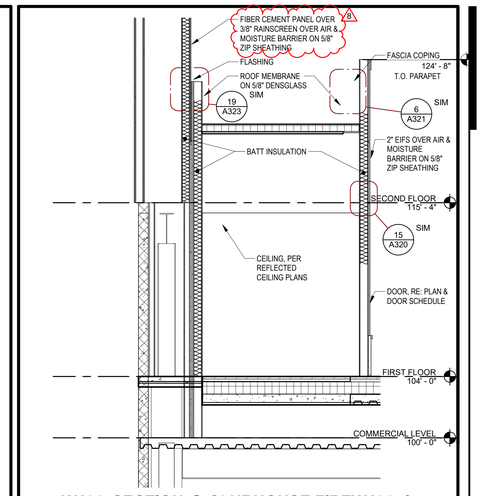
9 WALL SECTION @ CLUBHOUSE FIREWALL

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



13 WALL SECTION @ CLUBHOUSE FIREWALL @ BRICK

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



17 WALL SECTION @ CLUBHOUSE FIREWALL & COURTYARD STORAGE

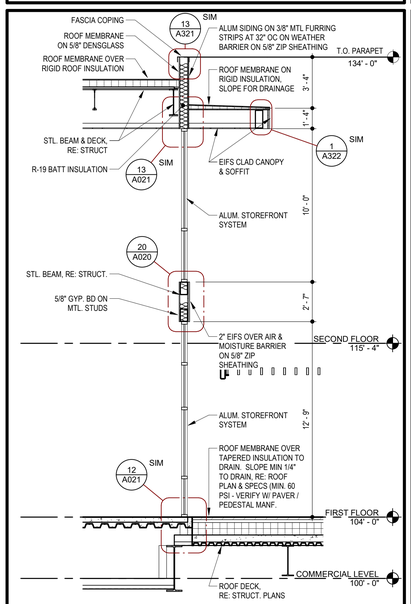
SCALE: 1/4" = 1'-0"

3 WALL SECTION @ COURTYARD CLUBHOUSE STONE

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

7 WALL SECTION @ COURTYARD CLUBHOUSE SIDING & STONE

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



4 WALL SECTION @ COURTYARD CLUBHOUSE CLERESTORY

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

8 WALL SECTION @ COURTYARD CLUBHOUSE OVERHEAD DOOR

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

12 WALL SECTION @ CLUBHOUSE FIREWALL WITH EXPANSION JOINT

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

16 WALL SECTION @ CLUBHOUSE FIREWALL WITH EXPANSION JOINT @ BRICK

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

20 WALL SECTION @ CLUBHOUSE FIREWALL WITH EXPANSION JOINT & COURTYARD STORAGE

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

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8	REVISION 3	4.3.2020

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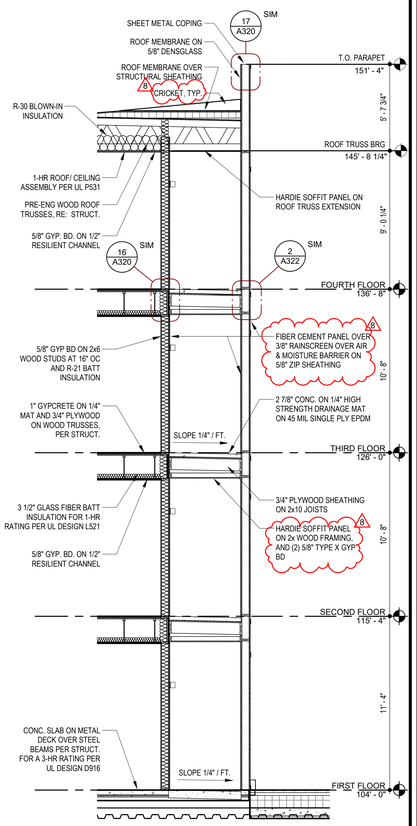
SHEET NO.

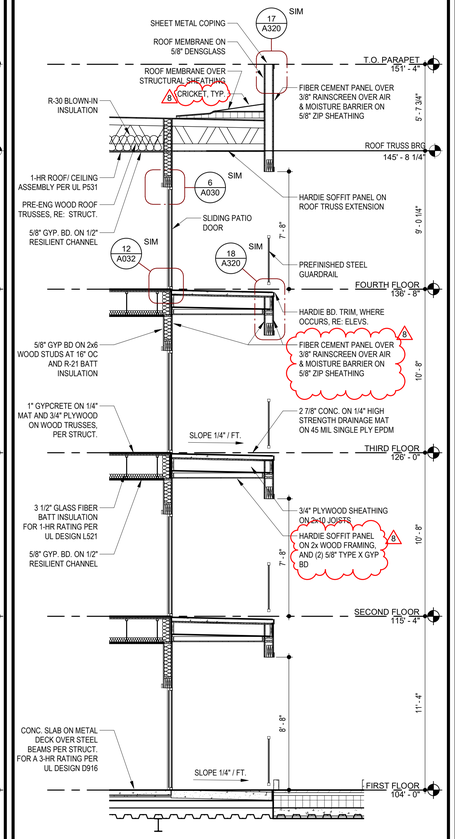
A313

CENTER COURTYARD WALL SECTIONS



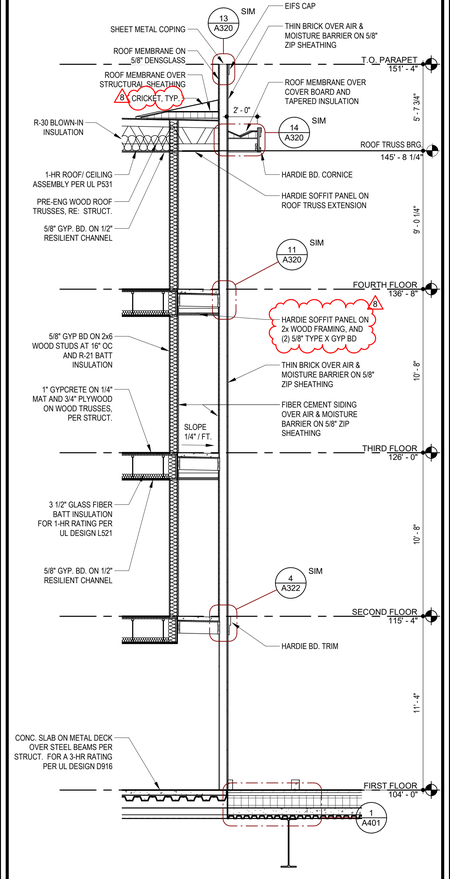
4 WALL SECTION @ COURTYARD FCP BALCONY

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



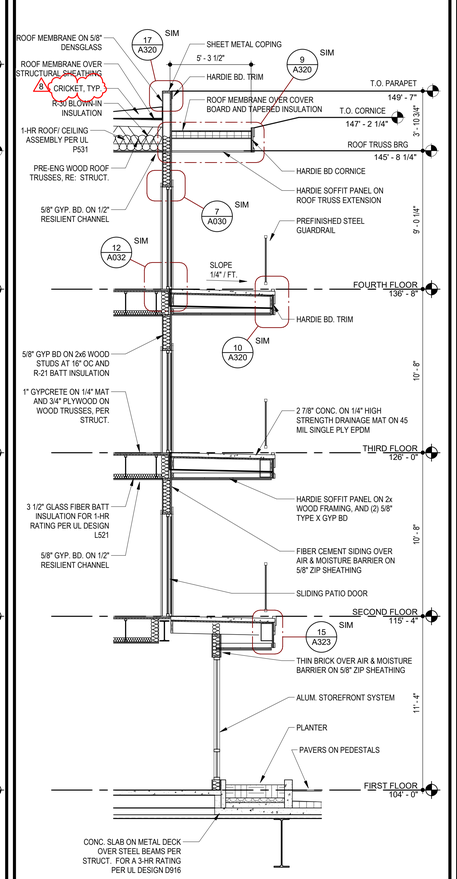
8 WALL SECTION @ COURTYARD FCP BALCONY SLIDER

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



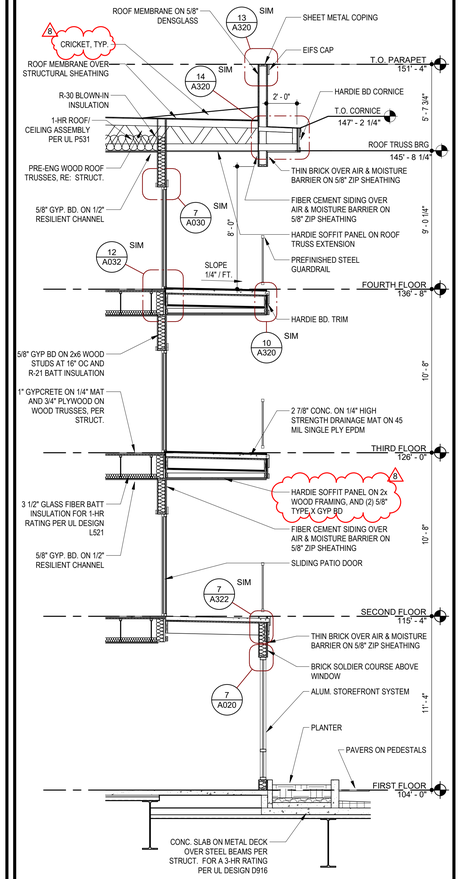
12 WALL SECTION @ COURTYARD D1 BALCONY ABOVE FITNESS

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



16 WALL SECTION @ COURTYARD A2 BALCONY ABOVE FITNESS

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



20 WALL SECTION @ COURTYARD D1 BALCONY SLIDER ABOVE FITNESS

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

4.3.20

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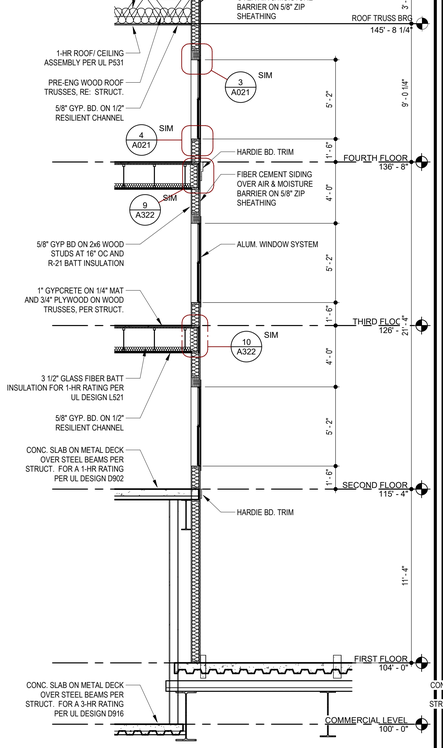
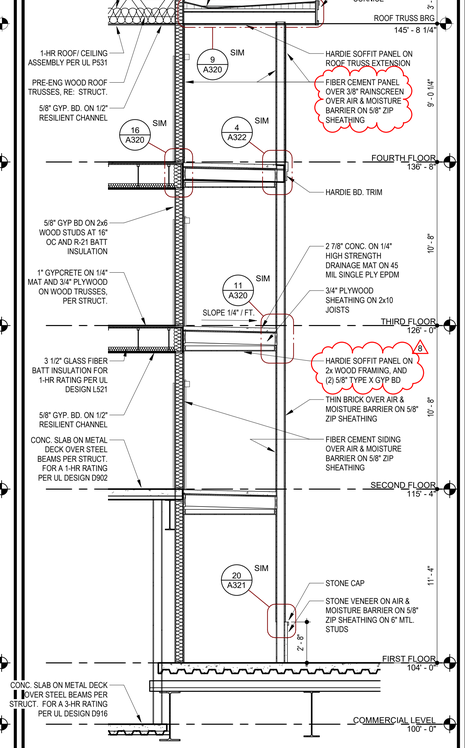
A314

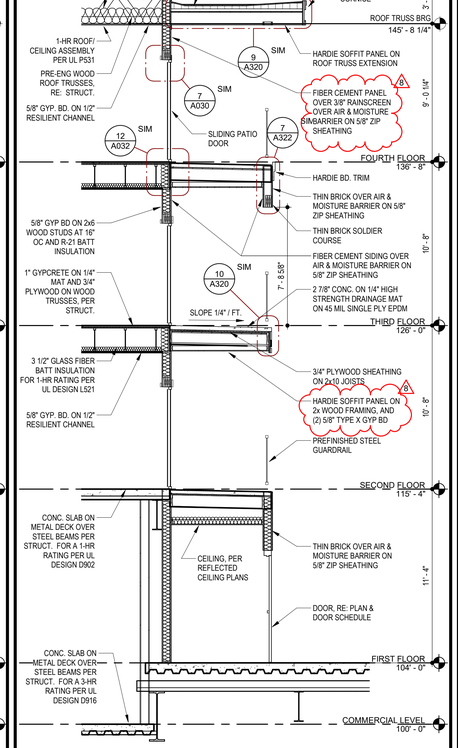
CENTER COURTYARD WALL SECTIONS



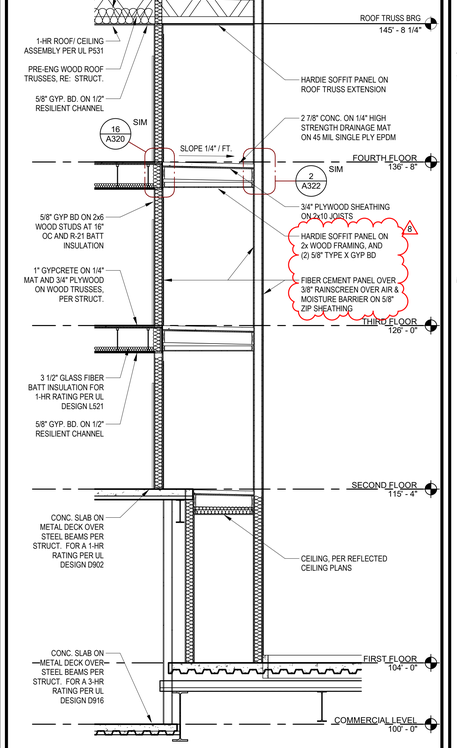
4 WALL SECTION @ COURTYARD FCP OVER FCS
SCALE: 1/4" = 1'-0"



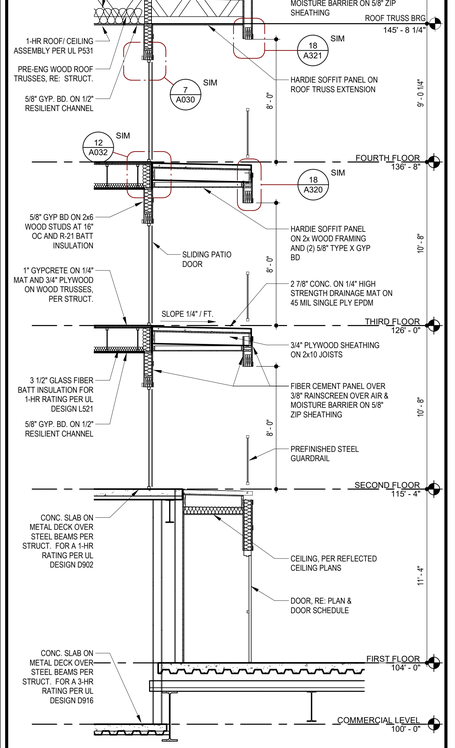
8 WALL SECTION @ COURTYARD BRICK BALCONY PIERS
SCALE: 1/4" = 1'-0"



12 WALL SECTION @ COURTYARD BALCONY ABOVE RETAIL CORRIDOR
SCALE: 1/4" = 1'-0"



16 WALL SECTION @ COURTYARD FCP BALCONY PIERS
SCALE: 1/4" = 1'-0"



20 WALL SECTION @ COURTYARD FCP BALCONY ABOVE RETAIL CORRIDOR
SCALE: 1/4" = 1'-0"

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8	REVISION 3	4.3.2020

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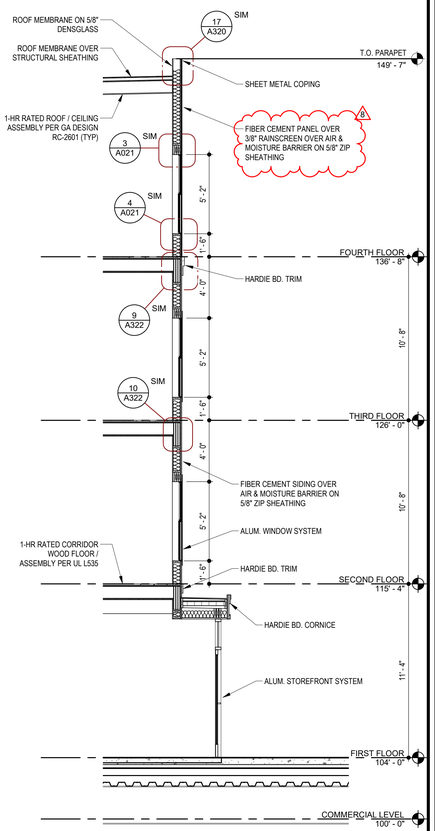
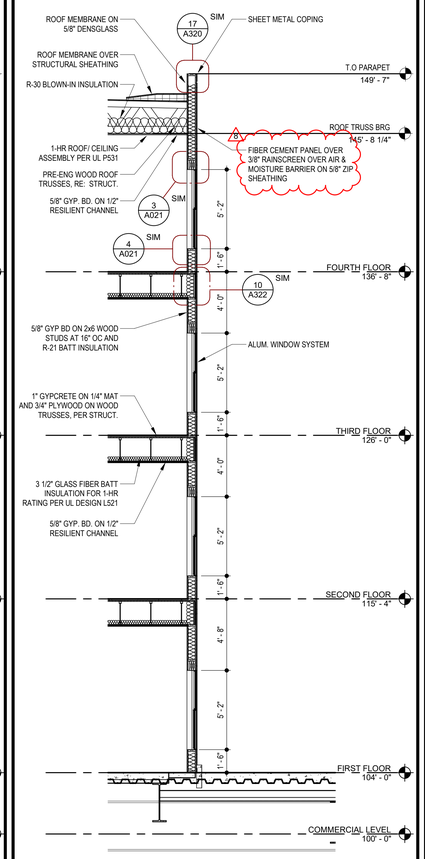
SHEET NO.

A315

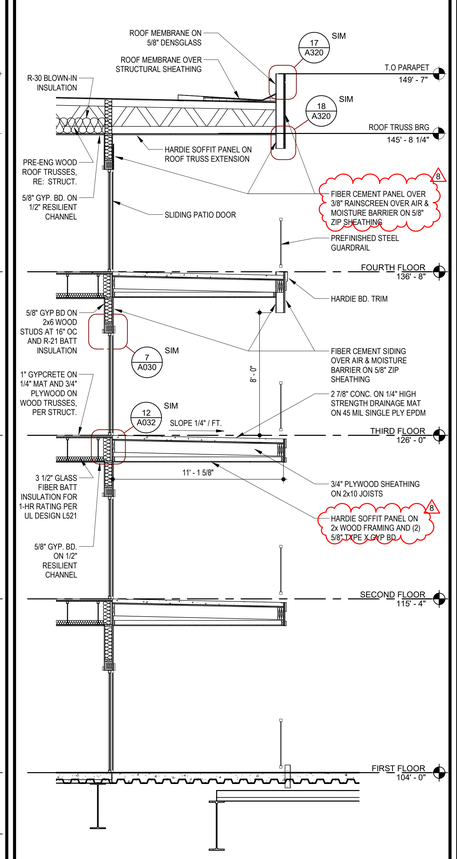
NORTH & SOUTH COURTYARD WALL SECTIONS



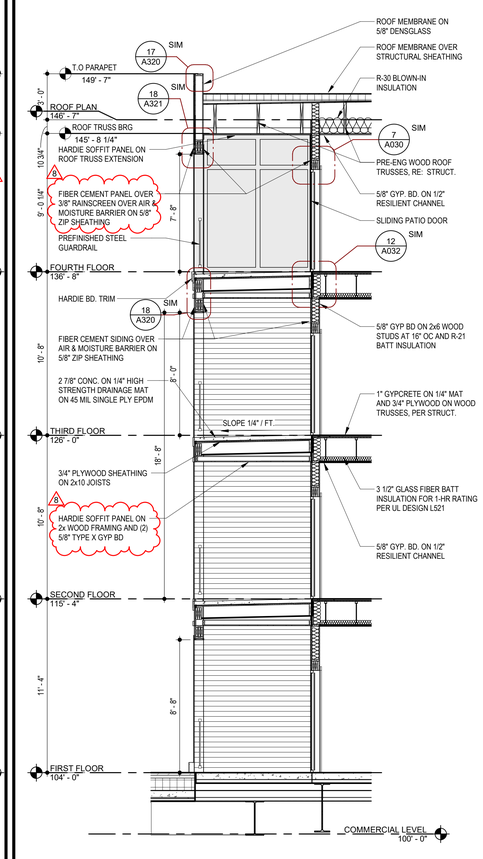
4 WALL SECTION @ COURTYARD ENTRY
SCALE: 1/4" = 1'-0"



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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	SHELL PACKAGE	7.29.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020

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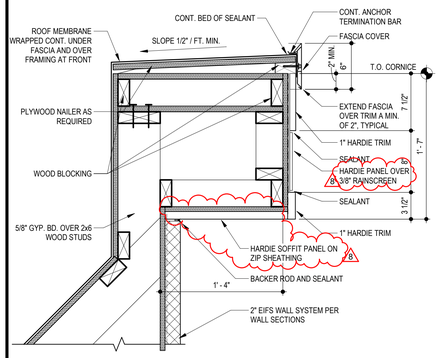
TR.i PROJECT NO. 18-046

SHEET NO.

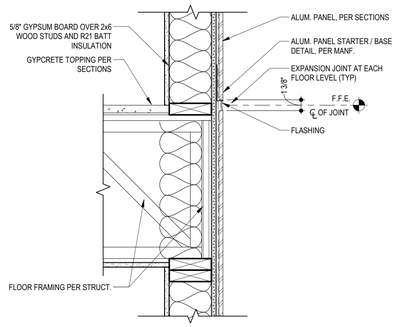
A316

NORTH & SOUTH COURTYARD WALL SECTIONS



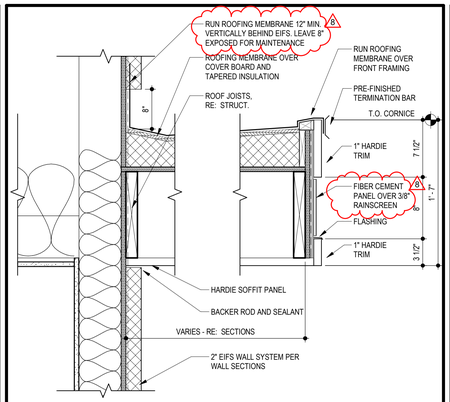
1 HARDIE BOARD CORNICE ABOVE EIFS

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



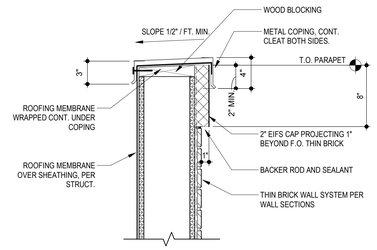
5 ALUM SIDING EXPANSION JOINT

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



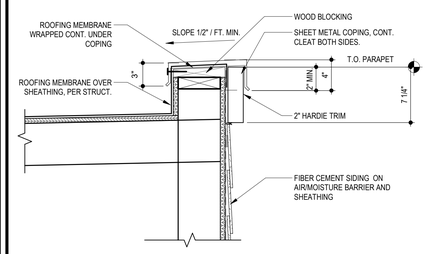
9 BALCONY ROOF DETAIL

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



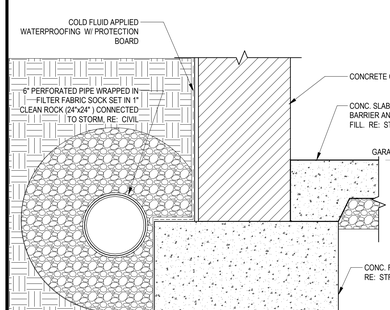
13 COPING AT THIN BRICK

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



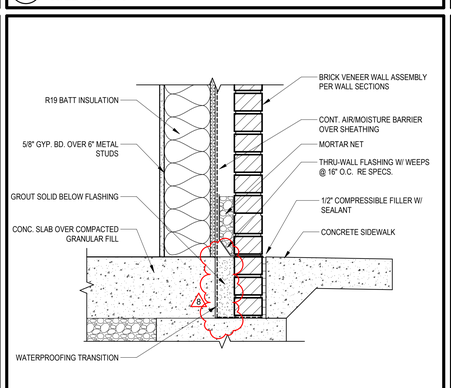
17 COPING AT F.C. SIDING (F.C. PANEL SIM.)

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



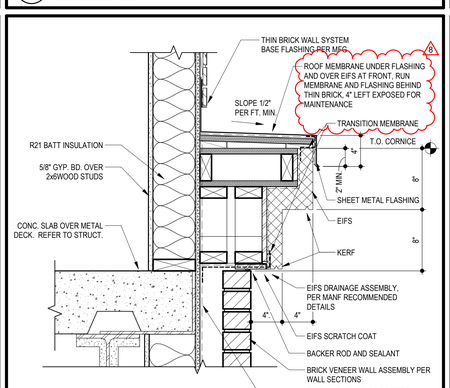
2 EIFS TO SIDING TRANSITION

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



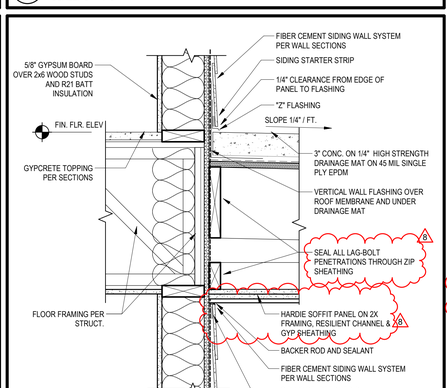
6 BALCONY ABOVE RETAIL

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



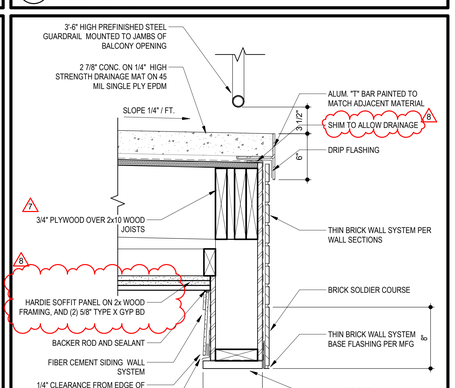
10 BALCONY SLAB DETAIL

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"

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"

4 TYPICAL BASE OF WALL DETAIL

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"

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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DATE: 7.29.19

REVISIONS

	SHELL PACKAGE	7.29.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020

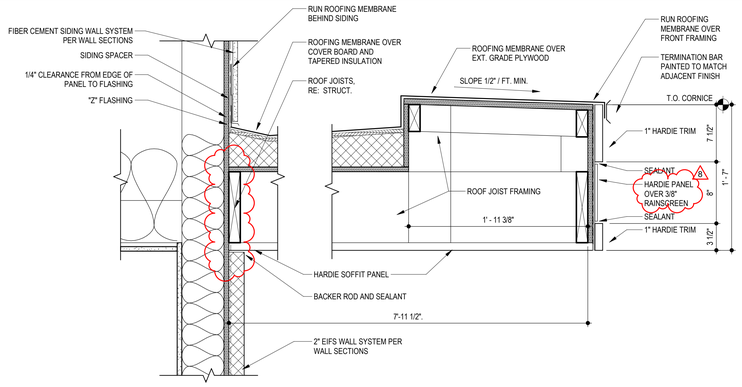
DWG BY AR

TR¡ PROJECT NO. 18-046

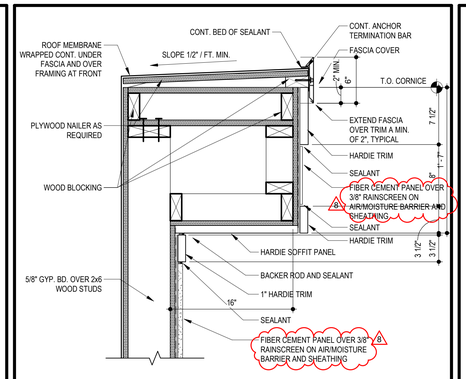
SHEET NO.

A320

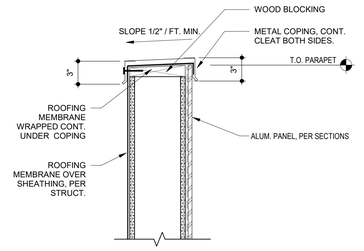
SECTION DETAILS



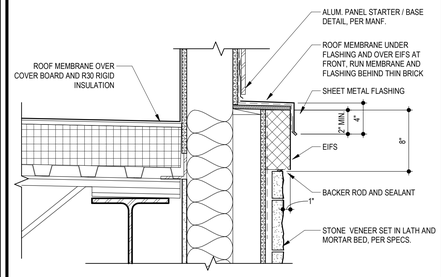
1 BALCONY ROOF DETAIL
SCALE: 1 1/2" = 1'-0"



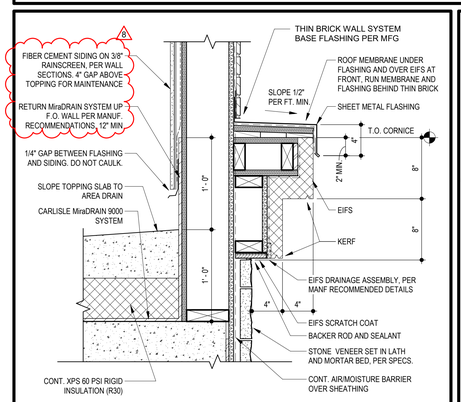
9 HARDIE BOARD CORNICE ABOVE F.C. PANEL
SCALE: 1 1/2" = 1'-0"



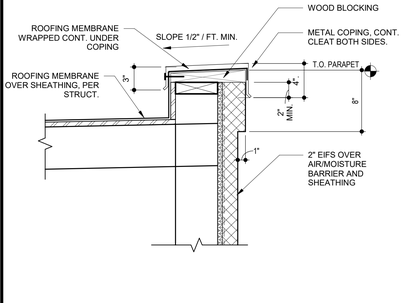
13 COPING AT ALUM. SIDING
SCALE: 1 1/2" = 1'-0"



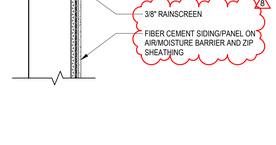
17 ALUM. SIDING TO STONE TRANSITION
SCALE: 1 1/2" = 1'-0"



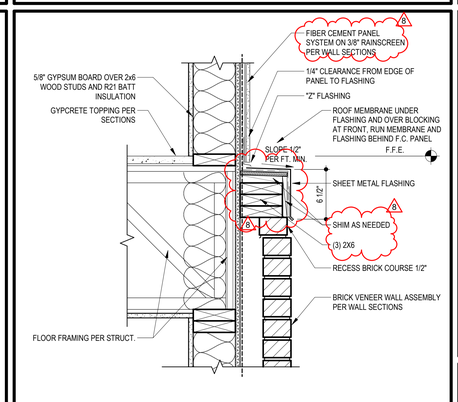
2 EIFS CORNICE AT THIN BRICK/STONE
SCALE: 1 1/2" = 1'-0"



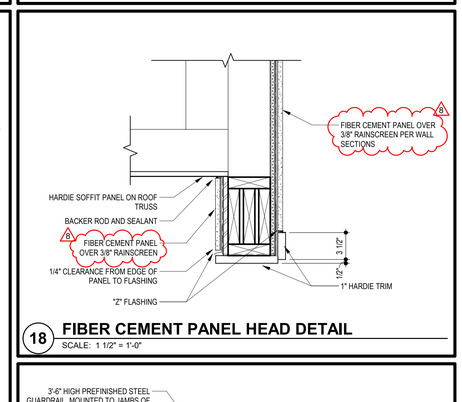
6 COPING AT EIFS
SCALE: 1 1/2" = 1'-0"



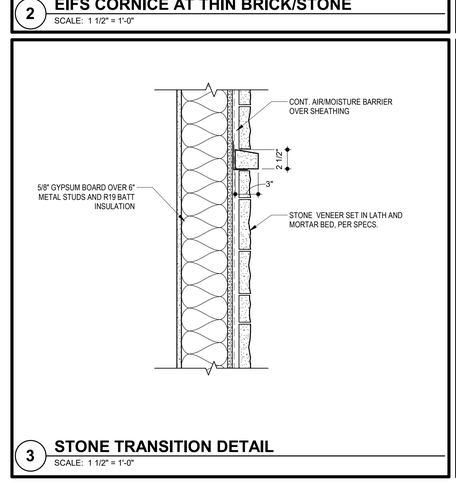
10 HARDIE TRIM DETAIL
SCALE: 1 1/2" = 1'-0"



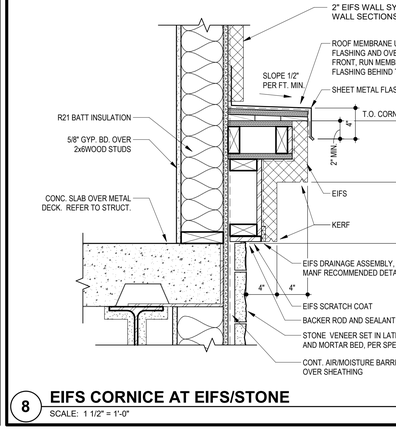
14 BRICK TRANSITION
SCALE: 1 1/2" = 1'-0"



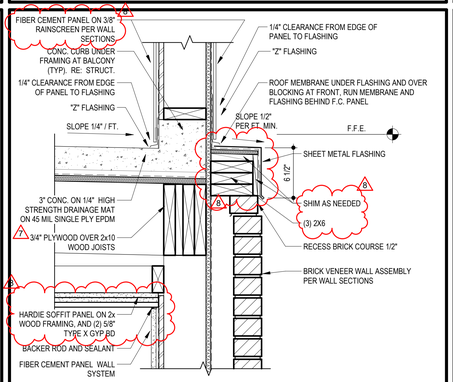
18 FIBER CEMENT PANEL HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



4 STONE VENEER AT BASE OF WALL
SCALE: 1 1/2" = 1'-0"

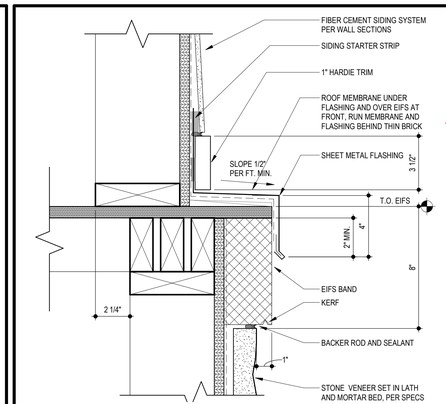


8 EIFS CORNICE AT EIFS/STONE
SCALE: 1 1/2" = 1'-0"

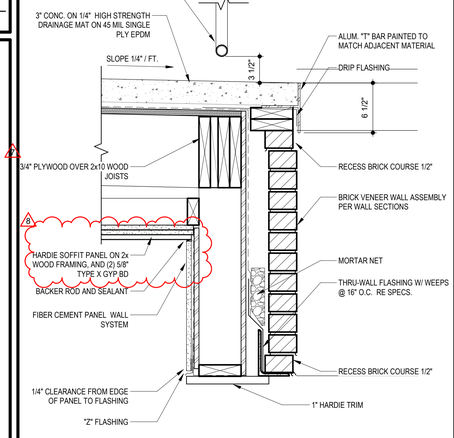


7 EIFS EXPANSION JOINT
SCALE: 1 1/2" = 1'-0"

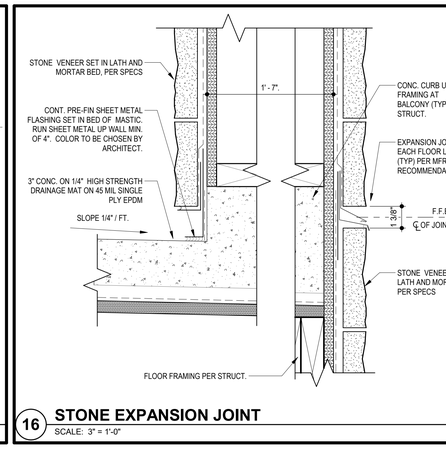
11 BALCONY AT F.C. PANEL OVER BRICK
SCALE: 1 1/2" = 1'-0"



15 STONE COLUMN TRANSITION
SCALE: 3" = 1'-0"

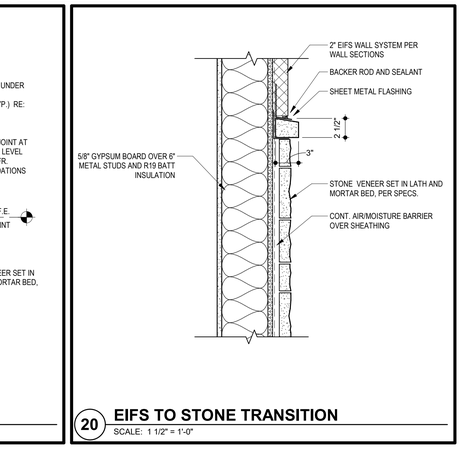


19 BALCONY SLAB DETAIL AT BRICK
SCALE: 1 1/2" = 1'-0"



12 EIFS CORNICE AT BRICK
SCALE: 1 1/2" = 1'-0"

16 STONE EXPANSION JOINT
SCALE: 3" = 1'-0"



20 EIFS TO STONE TRANSITION
SCALE: 1 1/2" = 1'-0"

TR,i ARCHITECTS — ARCHITECT
BOB D CAMPBELL & COMPANY — STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING — CIVIL ENGINEER
BRINKMANN CONSTRUCTORS — GENERAL CONTRACTOR
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DATE: 7.29.19

REVISIONS 8

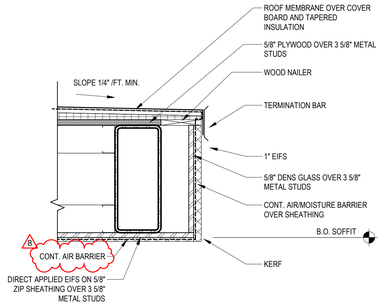
	SHELL PACKAGE	7.29.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020

DWG BY AR

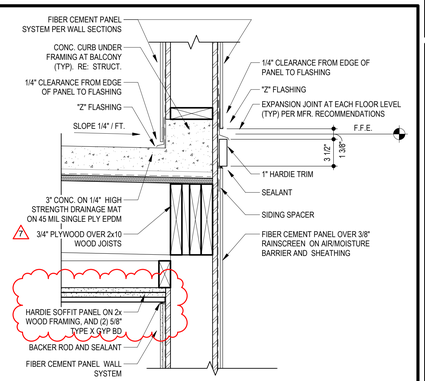
TR,i PROJECT NO. 18-046

SHEET NO. A321

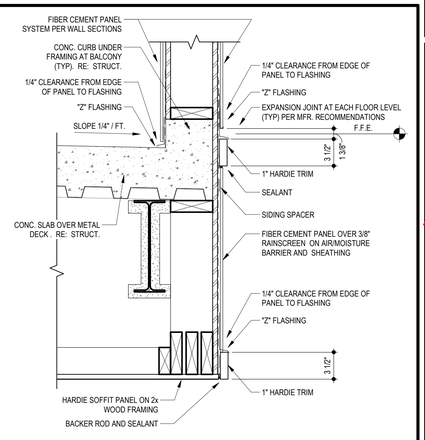
SECTION DETAILS



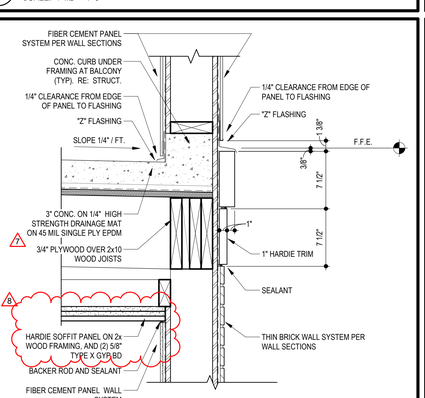
1 CLUBHOUSE ROOF EDGE DETAIL
SCALE: 1 1/2" = 1'-0"



2 BALCONY AT F.C. PANEL
SCALE: 1 1/2" = 1'-0"

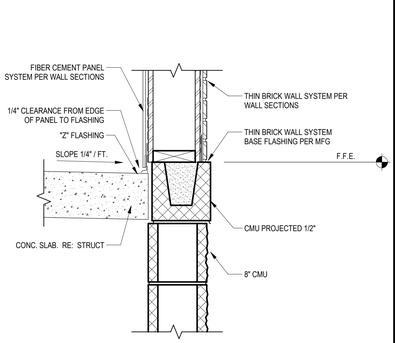


3 BALCONY ABOVE RETAIL
SCALE: 1 1/2" = 1'-0"

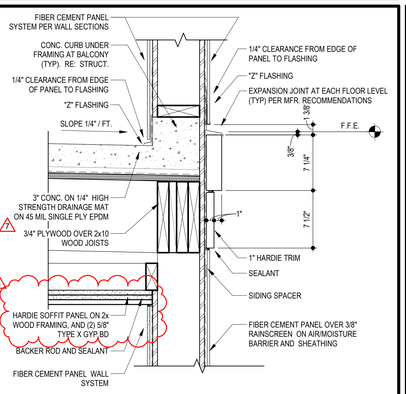


4 BALCONY AT PANEL OVER THIN BRICK
SCALE: 1 1/2" = 1'-0"

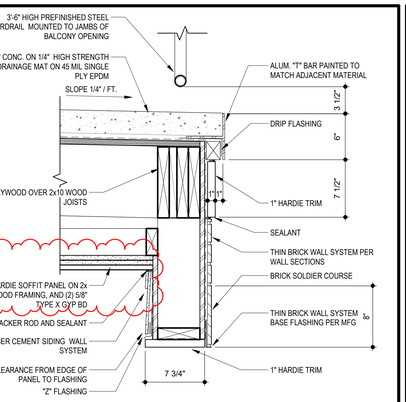
5 BALCONY AT CMU BASE
SCALE: 1 1/2" = 1'-0"



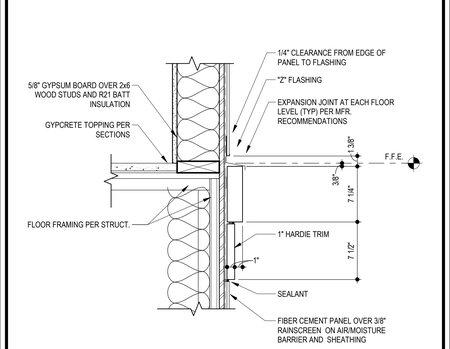
6 BALCONY AT HARDIE TRIM
SCALE: 1 1/2" = 1'-0"



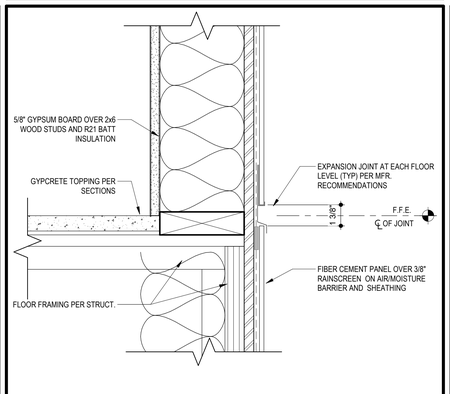
7 BALCONY SLAB AT TRIM OVER THIN BRICK
SCALE: 1 1/2" = 1'-0"



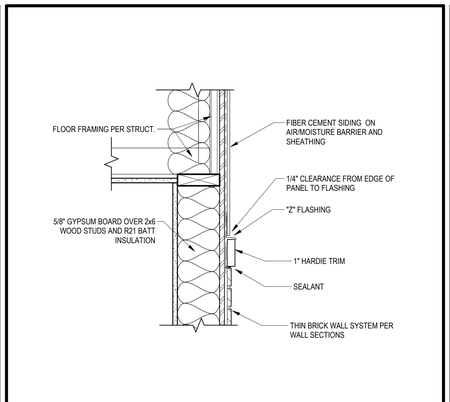
8 BALCONY SLAB AT CMU BASE
SCALE: 1 1/2" = 1'-0"



9 HARDIE TRIM AT WALL
SCALE: 1 1/2" = 1'-0"

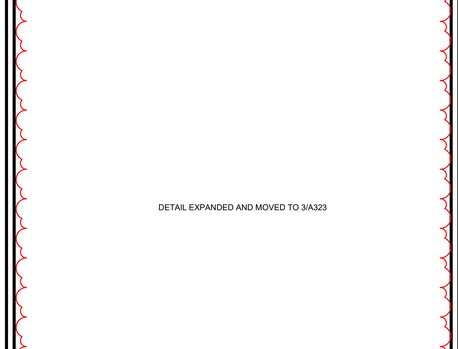


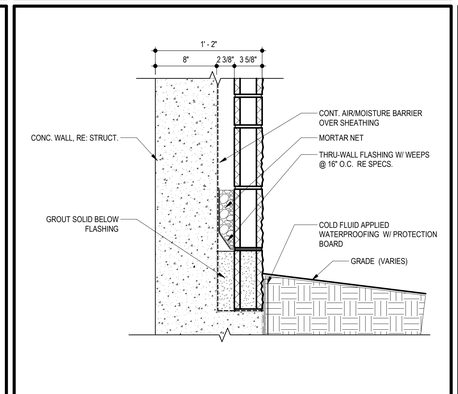
10 F.C. PANEL EXPANSION JOINT
SCALE: 3" = 1'-0"



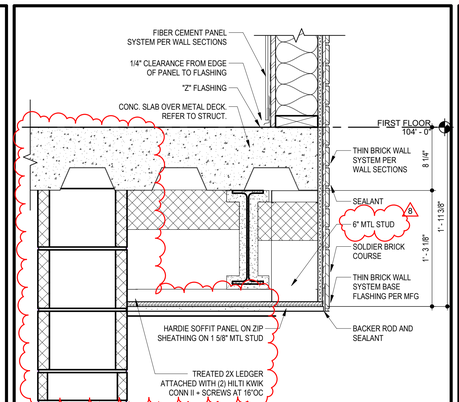
11 SIDING/THIN BRICK TRANSITION
SCALE: 1 1/2" = 1'-0"

15 SLAB ABOVE F.C. SOFFIT
SCALE: 1 1/2" = 1'-0"

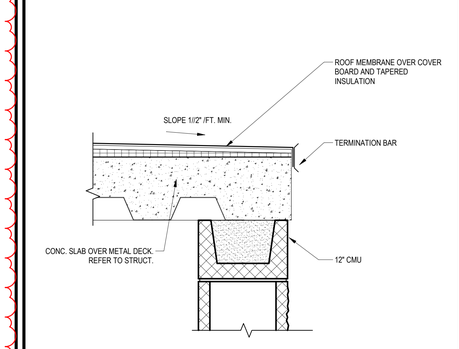




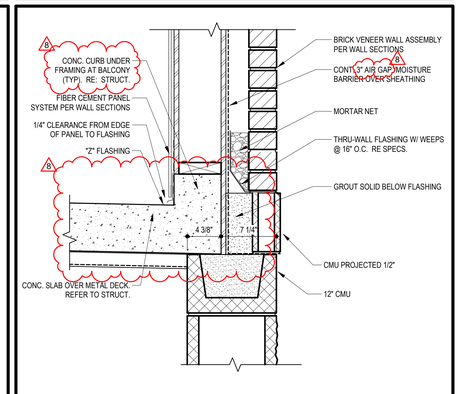
14 CMU VENEER BASE AT CMU
SCALE: 1 1/2" = 1'-0"



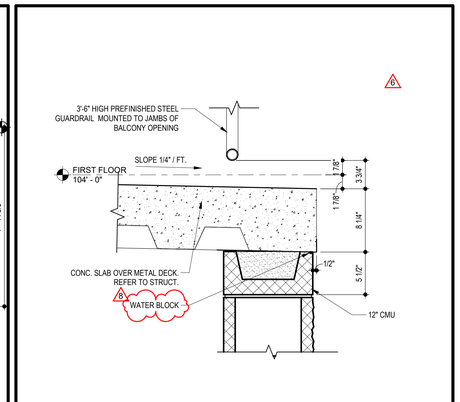
15 SLAB ABOVE F.C. SOFFIT
SCALE: 1 1/2" = 1'-0"



17 SLAB OVER CMU
SCALE: 1 1/2" = 1'-0"



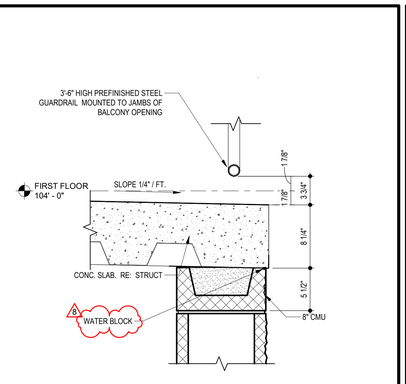
18 BRICK OVER CMU
SCALE: 1 1/2" = 1'-0"



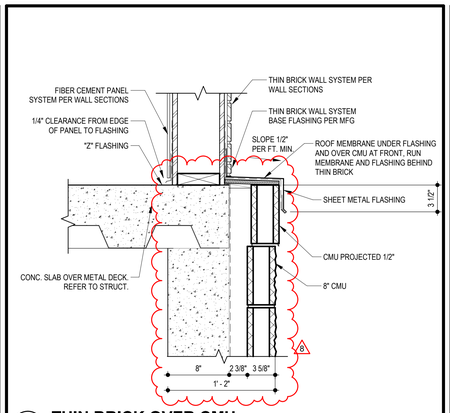
19 BALCONY SLAB OVER CMU
SCALE: 1 1/2" = 1'-0"

4 BALCONY AT PANEL OVER THIN BRICK
SCALE: 1 1/2" = 1'-0"

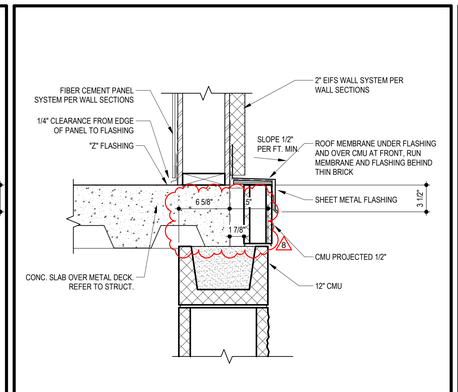
4 BALCONY AT PANEL OVER THIN BRICK
SCALE: 1 1/2" = 1'-0"



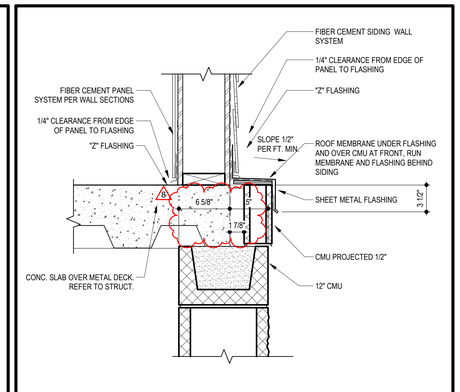
8 BALCONY SLAB AT CMU BASE
SCALE: 1 1/2" = 1'-0"



12 THIN BRICK OVER CMU
SCALE: 1 1/2" = 1'-0"



16 EIFS OVER CMU
SCALE: 1 1/2" = 1'-0"



20 SIDING OVER CMU
SCALE: 1 1/2" = 1'-0"

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4.3.20

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REVISIONS 8

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020

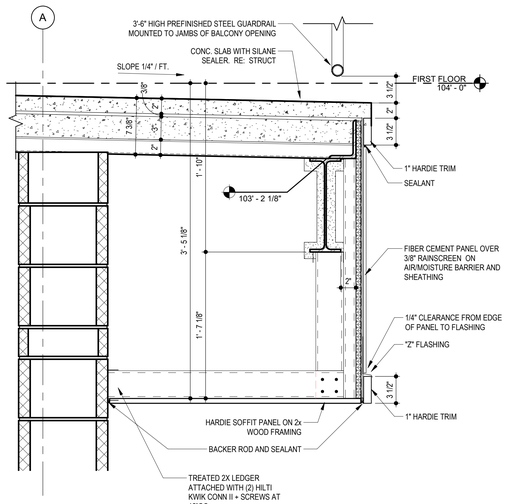
DWG BY AR

TR¡ PROJECT NO. 18-046

SHEET NO.

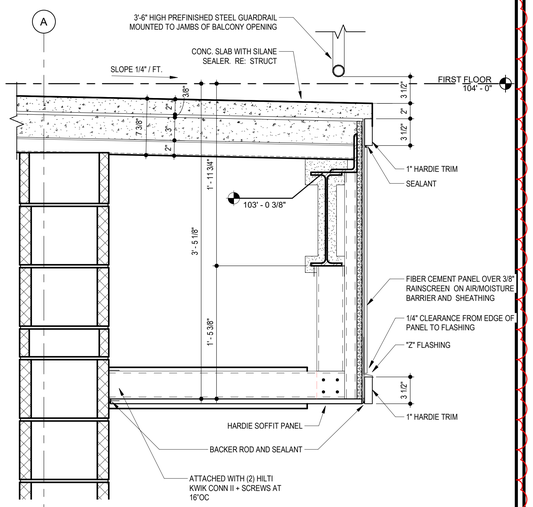
A322

SECTION DETAILS



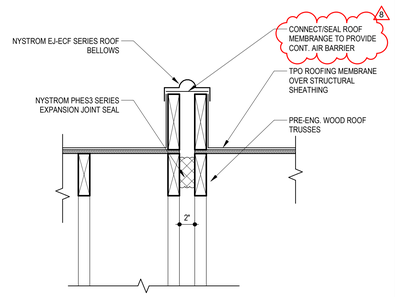
BALCONY SLAB ABOVE F.C. SOFFIT - BETWEEN GRID 3.1 - 3.4

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



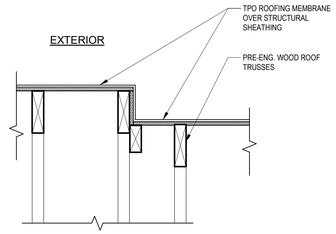
BALCONY SLAB ABOVE F.C. SOFFIT - BETWEEN GRID 9.4 - 10

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



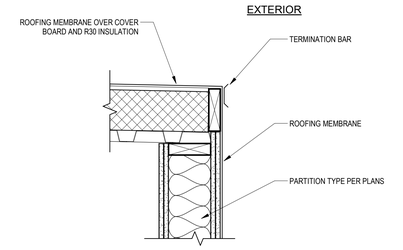
ROOF EXPANSION JOINT DETAIL

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



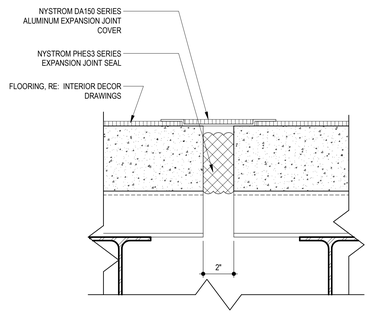
ROOF TRANSITION DETAIL

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



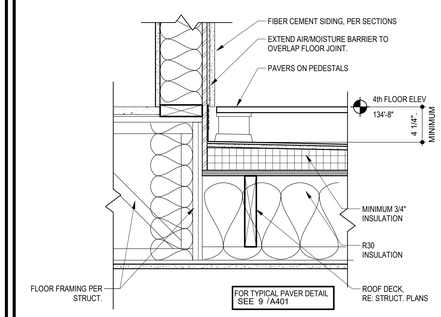
ELEVATOR COPING DETAIL

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



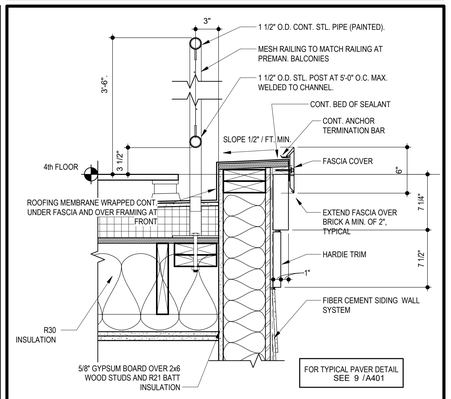
EXPANSION JOINT COVER AT FLOOR

10 SCALE: 3" = 1'-0"



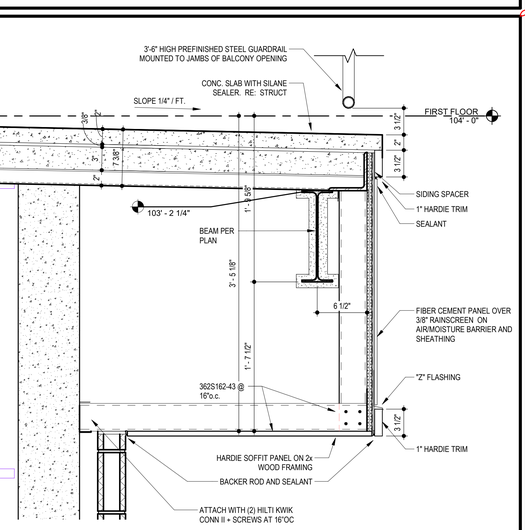
DETAIL AT ROOF PATIO

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



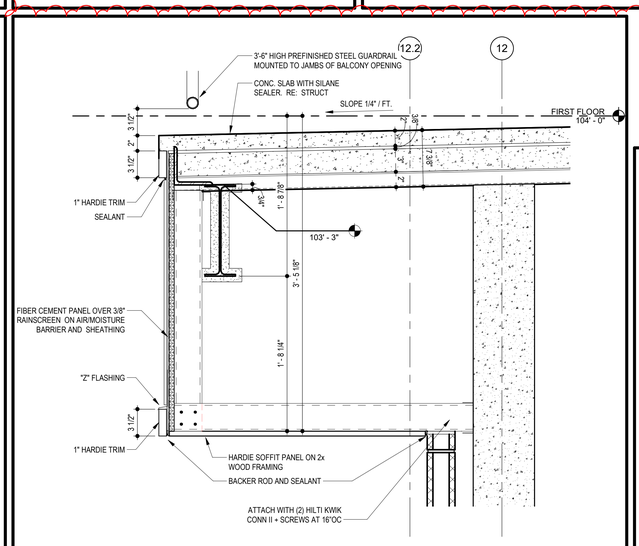
GUARDRAIL AT ROOF PATIO

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



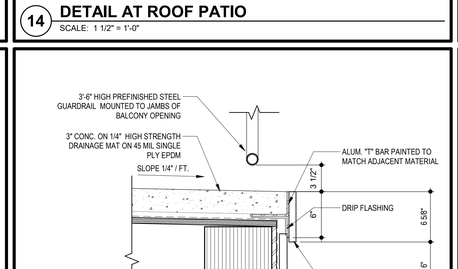
BALCONY SLAB ABOVE F.C. SOFFIT - NEAR GRID C SOUTH ELEVATION

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



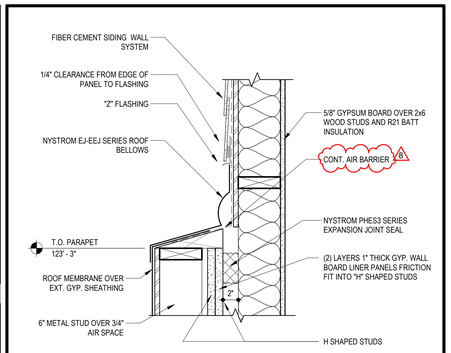
BALCONY SLAB ABOVE F.C. SOFFIT - NEAR GRID C NORTH ELEVATION

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



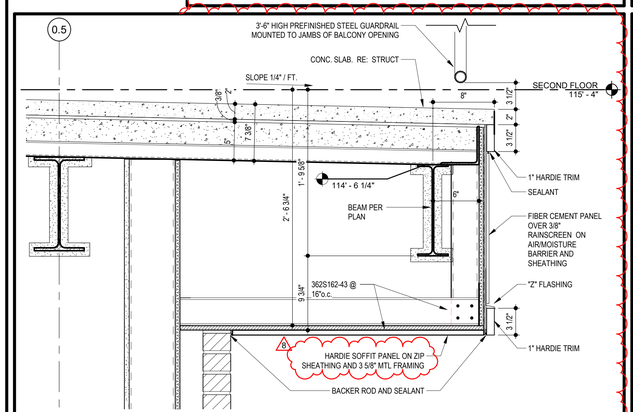
BALCONY SLAB AT TRIM

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



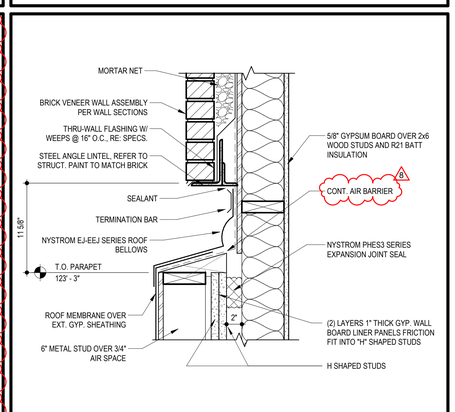
EXPANSION JOINT AT SIDING

19 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"

4.3.20

ARCHITECT
STRUCTURAL ENGINEER
CIVIL ENGINEER
GENERAL CONTRACTOR
MECHANICAL ENGINEER
PLUMBING ENGINEER
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REVISIONS 8

	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020

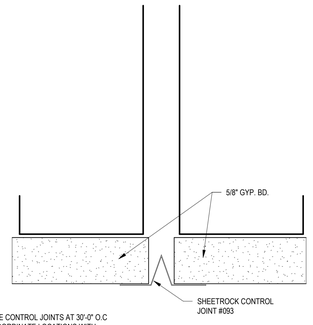
DWG BY Author

TR¡ PROJECT NO. 18-046

SHEET NO.

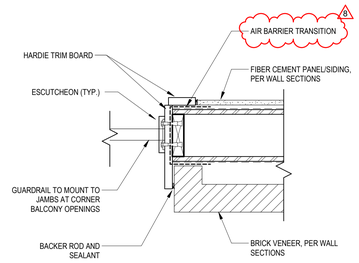
A323

SECTION DETAILS

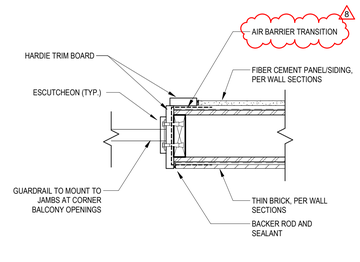


NOTE:
PROVIDE CONTROL JOINTS AT 30'-0" O.C MAX. COORDINATE LOCATIONS WITH ARCHITECT.

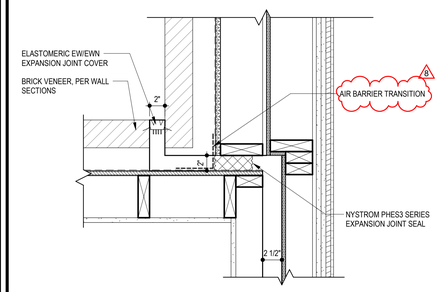
9 DRYWALL CONTROL JOINT
SCALE: 1/4" = 1'-0"



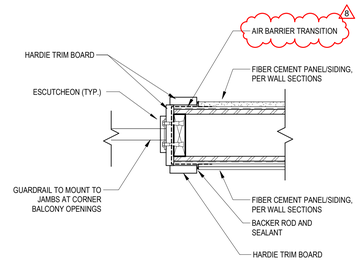
13 PLAN DETAIL AT BALCONY - BRICK
SCALE: 1 1/2" = 1'-0"



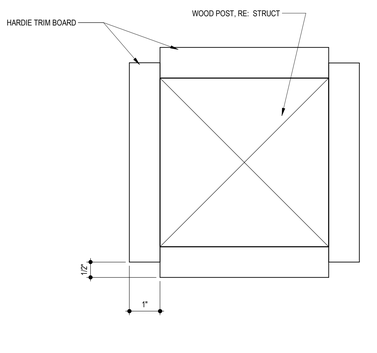
17 PLAN DETAIL AT BALCONY - THIN BRICK
SCALE: 1 1/2" = 1'-0"



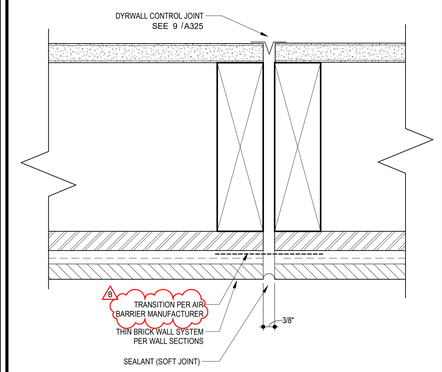
14 EXPANSION JOINT AT WEST ELEVATION
SCALE: 1 1/2" = 1'-0"



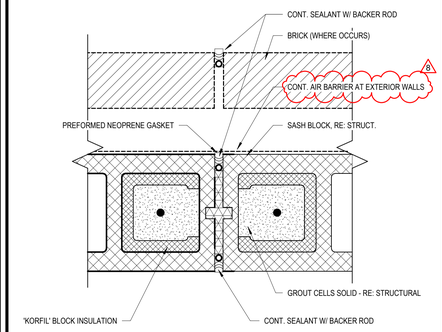
18 PLAN DETAIL AT BALCONY - SIDING/PANEL
SCALE: 1 1/2" = 1'-0"



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"

4.3.20

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REVISIONS (8)

	SHELL PACKAGE	7.29.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020

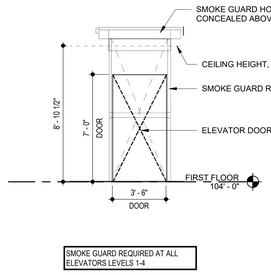
DWG BY AR

TR¡ PROJECT NO. 18-046

SHEET NO.

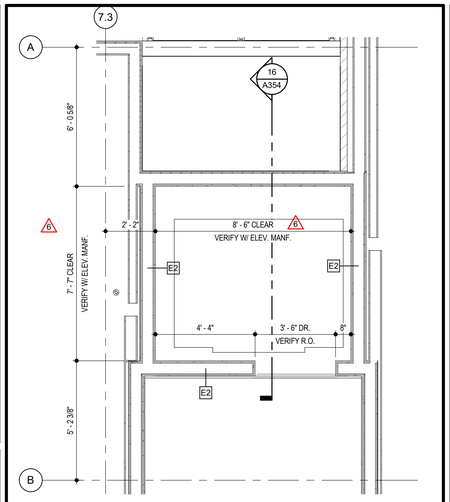
A325

PLAN DETAILS



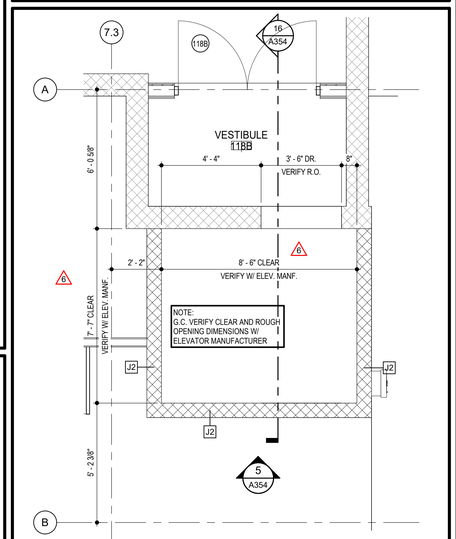
5 ELEVATOR SMOKE GUARD

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



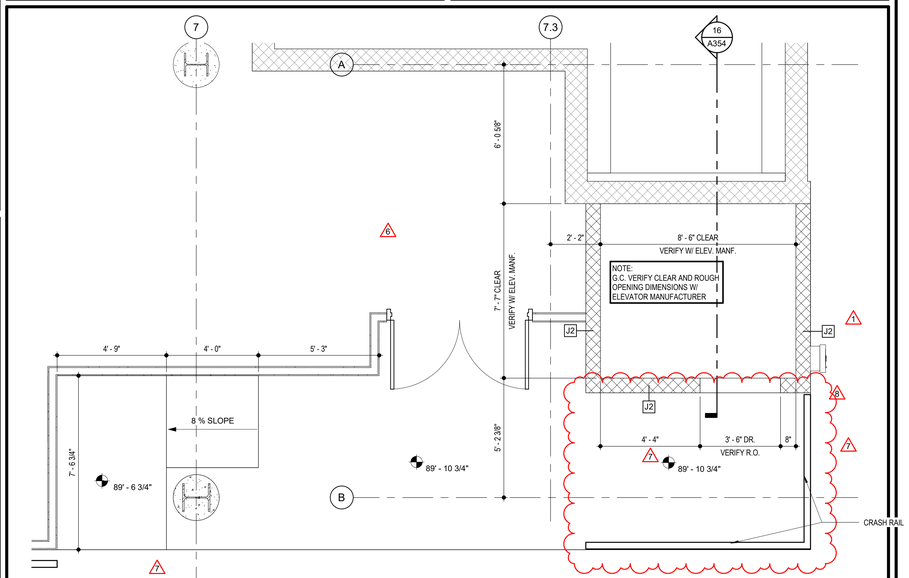
9 ELEVATOR B PLAN - TYP. FLOOR

SCALE: 3/8" = 1'-0"



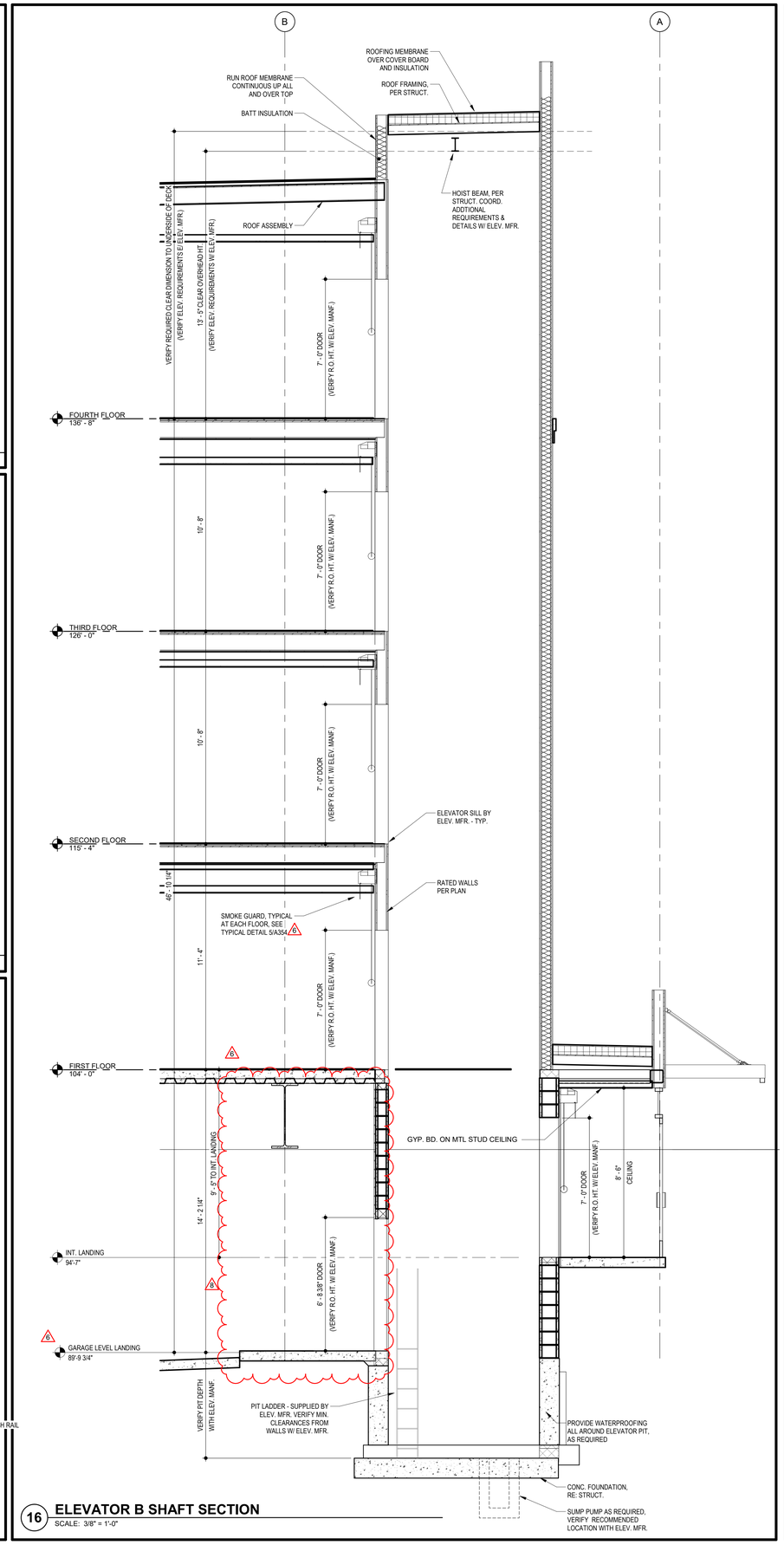
10 ELEVATOR B PLAN - STREET LEVEL

SCALE: 3/8" = 1'-0"



12 ELEVATOR B PLAN - GARAGE

SCALE: 3/8" = 1'-0"



16 ELEVATOR B SHAFT SECTION

SCALE: 3/8" = 1'-0"

4.3.20

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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

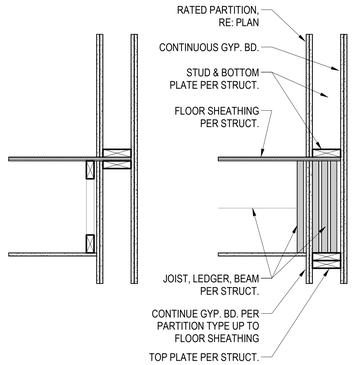
DWG BY jmr

TR¡ PROJECT NO. 18-046

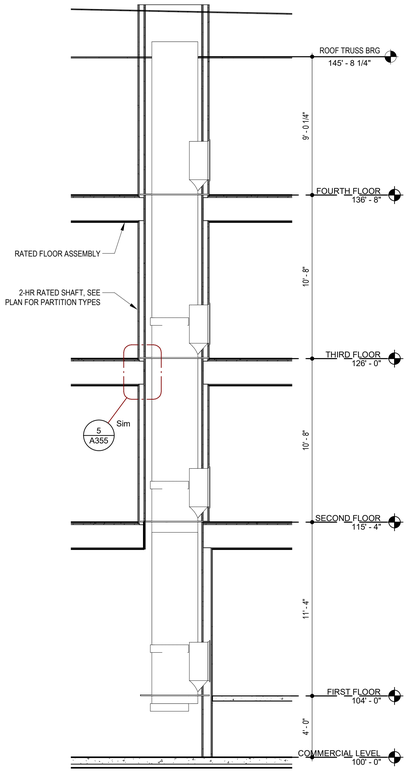
SHEET NO.

A354

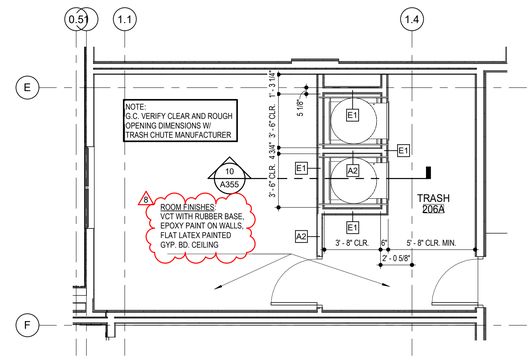
ELEVATOR B



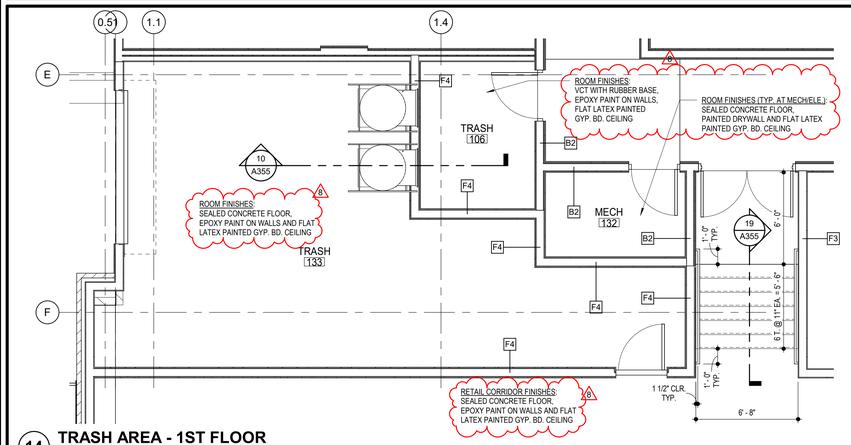
5 SHAFT DETAILS
SCALE: 1" = 1'-0"



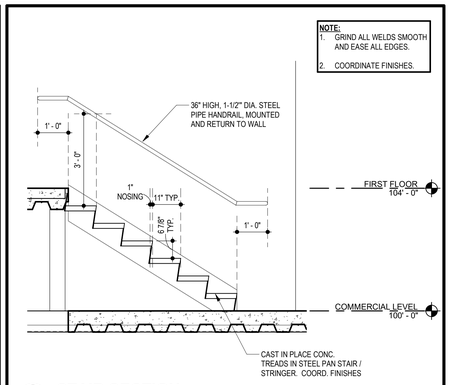
10 TRASH CHUTE SECTION
SCALE: 1/4" = 1'-0"



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



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



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

4.3.20

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REVISIONS (8)

	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020

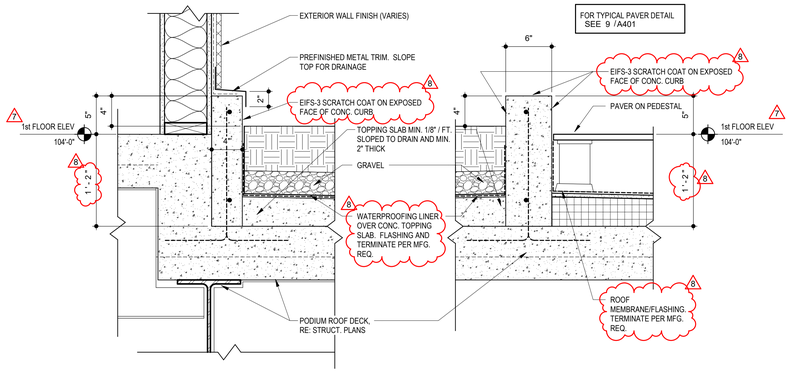
DWG BY jmr

TR¡ PROJECT NO. 18-046

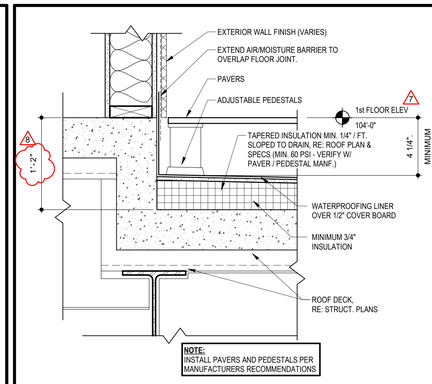
SHEET NO.

A355

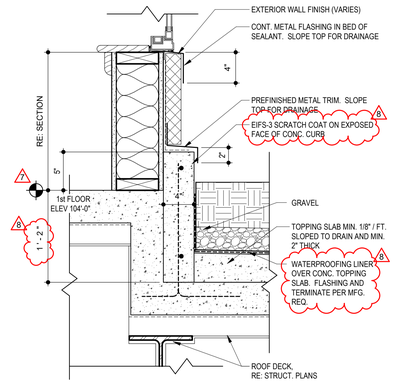
TRASH CHUTE



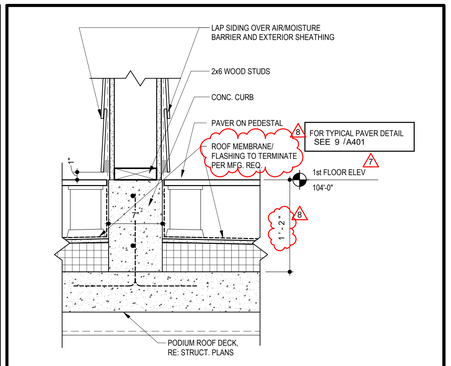
1 COURTYARD LOW PLANTER DETAIL
SCALE: 1 1/2" = 1'-0"



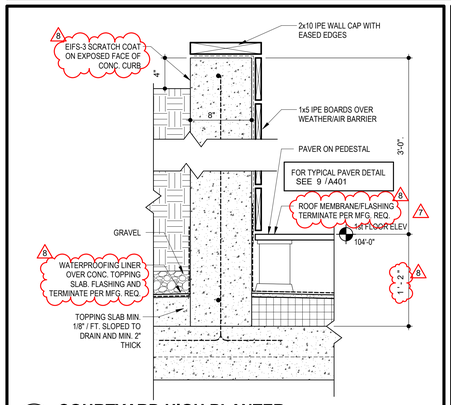
9 PATIO PAVER DETAIL
SCALE: 1 1/2" = 1'-0"



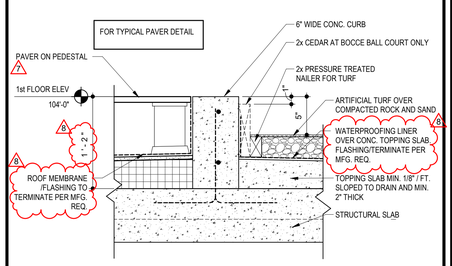
13 LOW PLANTER CURB AT WINDOW
SCALE: 1 1/2" = 1'-0"



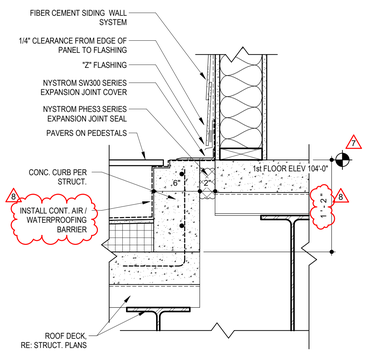
17 CURB AT BALCONY DIVIDER WALL
SCALE: 1 1/2" = 1'-0"



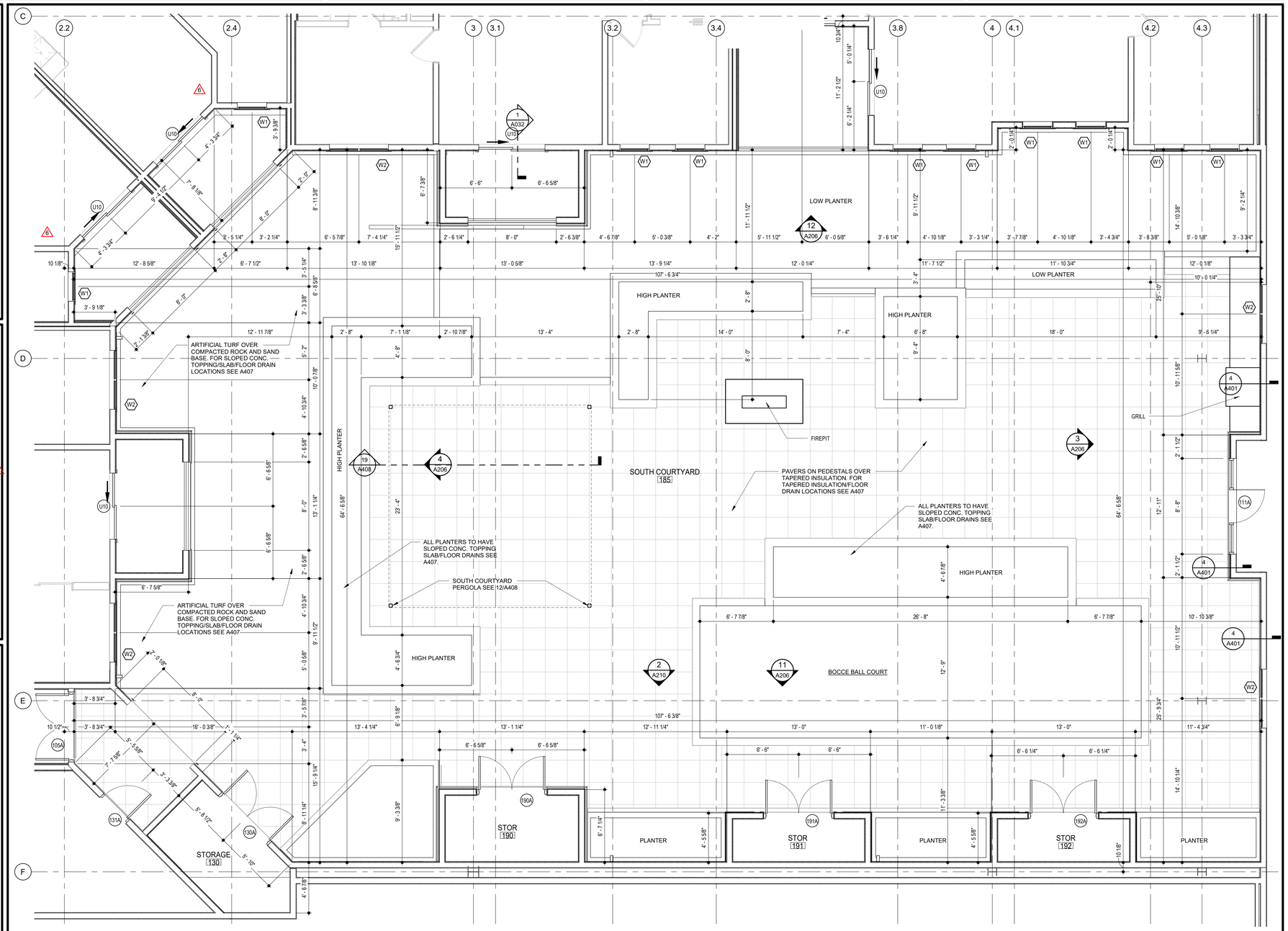
2 COURTYARD HIGH PLANTER
SCALE: 1 1/2" = 1'-0"



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"

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6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020

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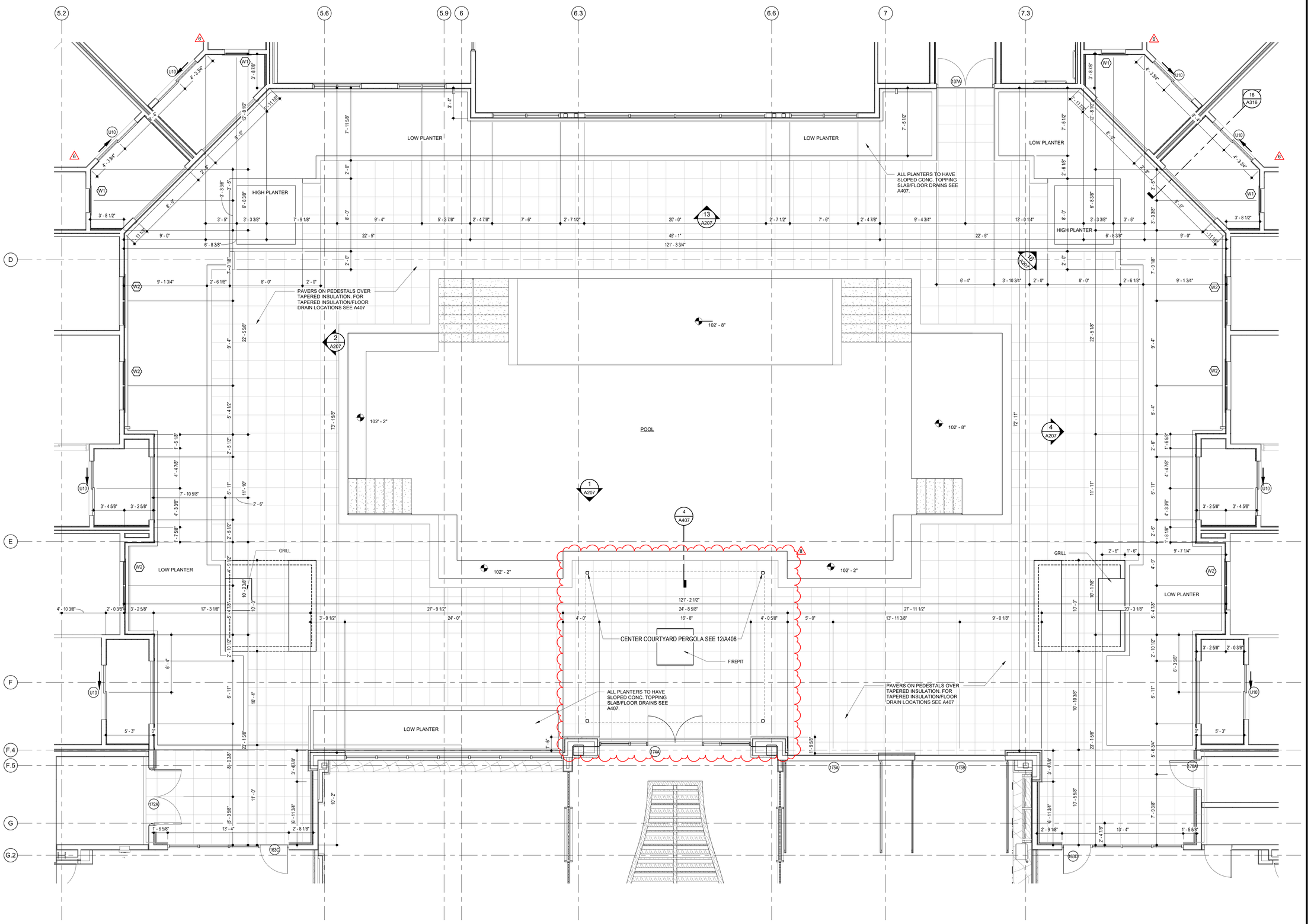
TR¡ PROJECT NO. 18-046

SHEET NO.

A401

ENLARGED COURTYARD PLANS



4 ENLARGED PLAN - CENTER COURTYARD 1ST FLOOR

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

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8	REVISION 3	4.3.2020

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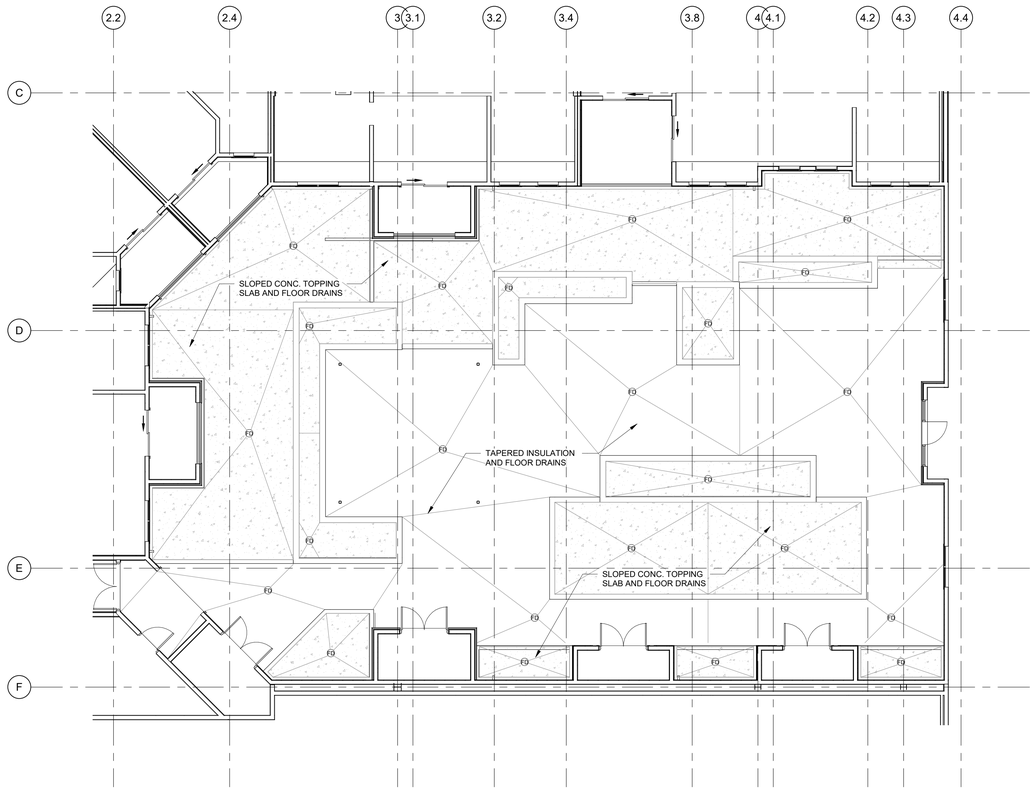
TR;i PROJECT NO. 18-046

SHEET NO.

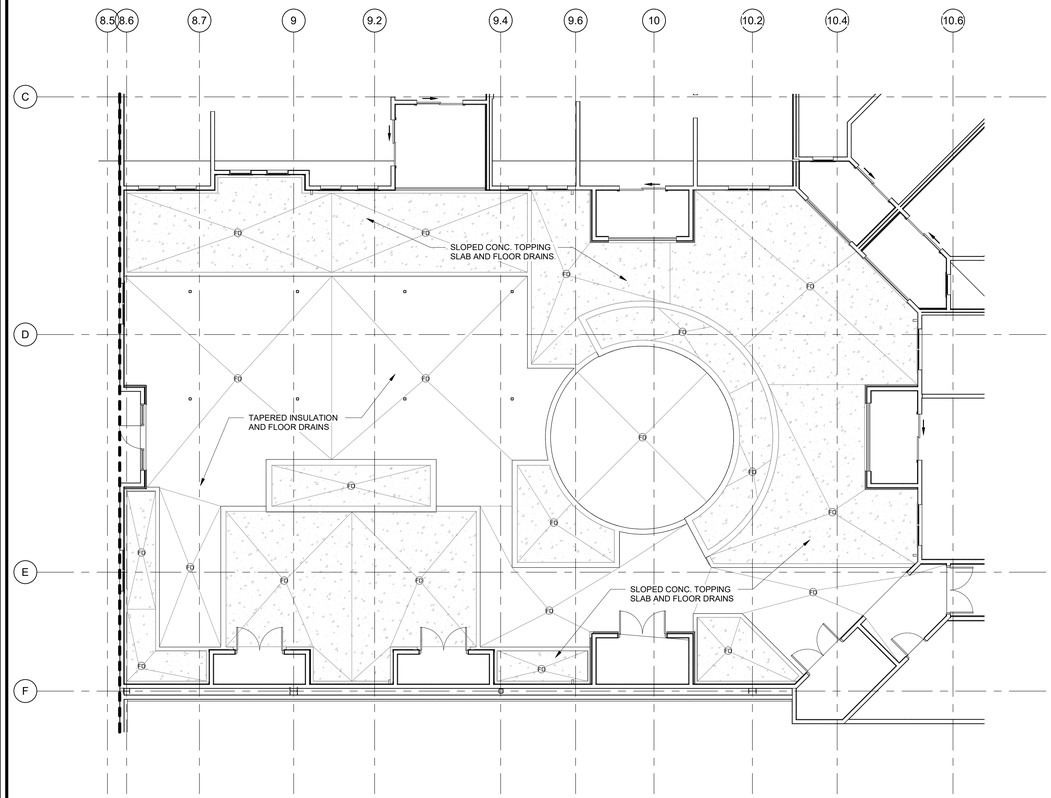
A403

ENLARGED COURTYARD PLANS



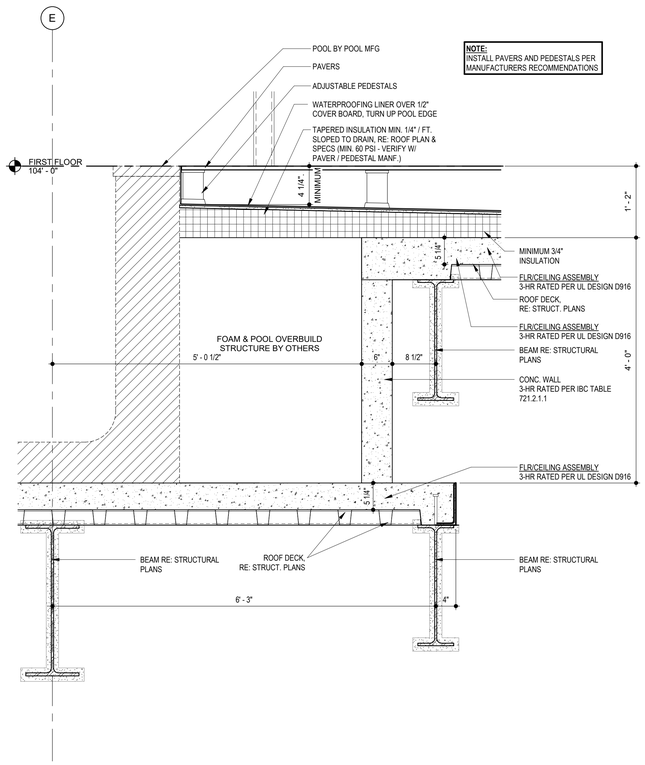
1 ENLARGED PLAN - SOUTH COURTYARD DRAINS

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



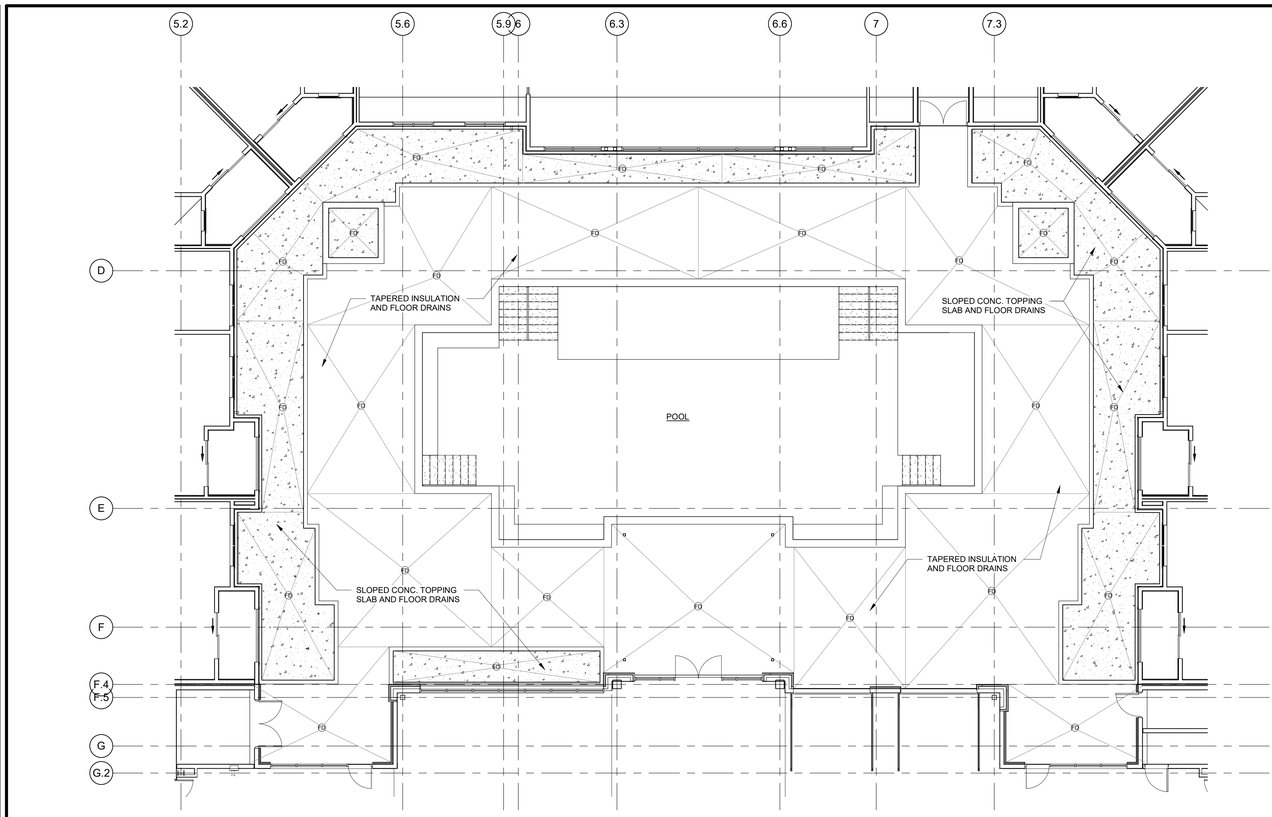
3 ENLARGED PLAN - NORTH COURTYARD DRAINS

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



4 POOL EDGE DETAIL

SCALE: 1" = 1'-0"



2 ENLARGED PLAN - CENTER COURTYARD DRAINS

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

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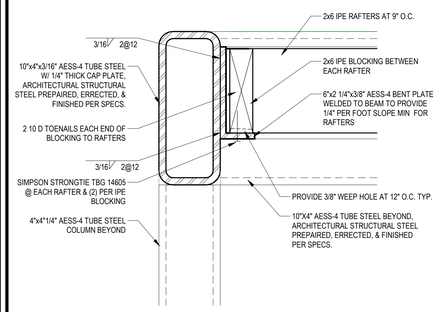
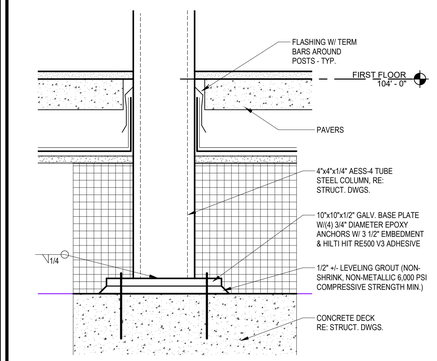
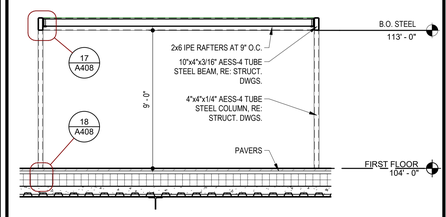
ENLARGED COURTYARD DRAIN PLANS



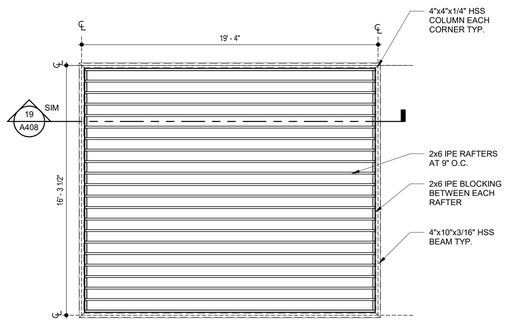
17 PERGOLA BEAM DETAIL
SCALE: 3" = 1'-0"



18 PERGOLA COLUMN BASE DETAIL
SCALE: 3" = 1'-0"

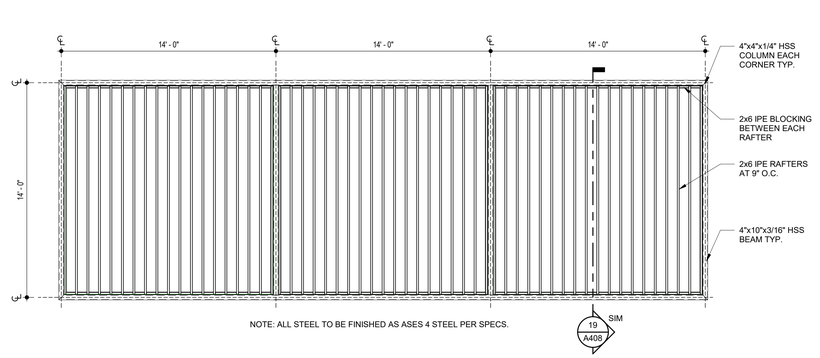


19 PERGOLA SECTION
SCALE: 1/4" = 1'-0"



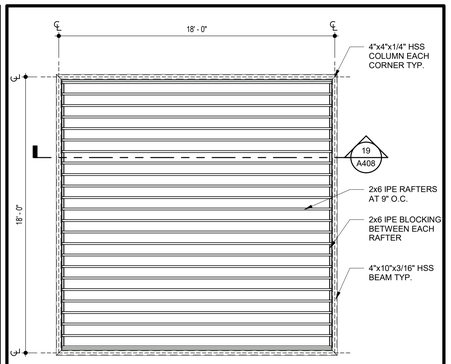
NOTE: ALL STEEL TO BE FINISHED AS ASES 4 STEEL PER SPECS.

4 CENTER COURTYARD PERGOLA PLAN
SCALE: 1/4" = 1'-0"



NOTE: ALL STEEL TO BE FINISHED AS ASES 4 STEEL PER SPECS.

12 NORTH COURTYARD PERGOLA PLAN
SCALE: 1/4" = 1'-0"



NOTE: ALL STEEL TO BE FINISHED AS ASES 4 STEEL PER SPECS.

20 SOUTH COURTYARD PERGOLA PLAN
SCALE: 1/4" = 1'-0"

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8	REVISION 3	4.3.2020

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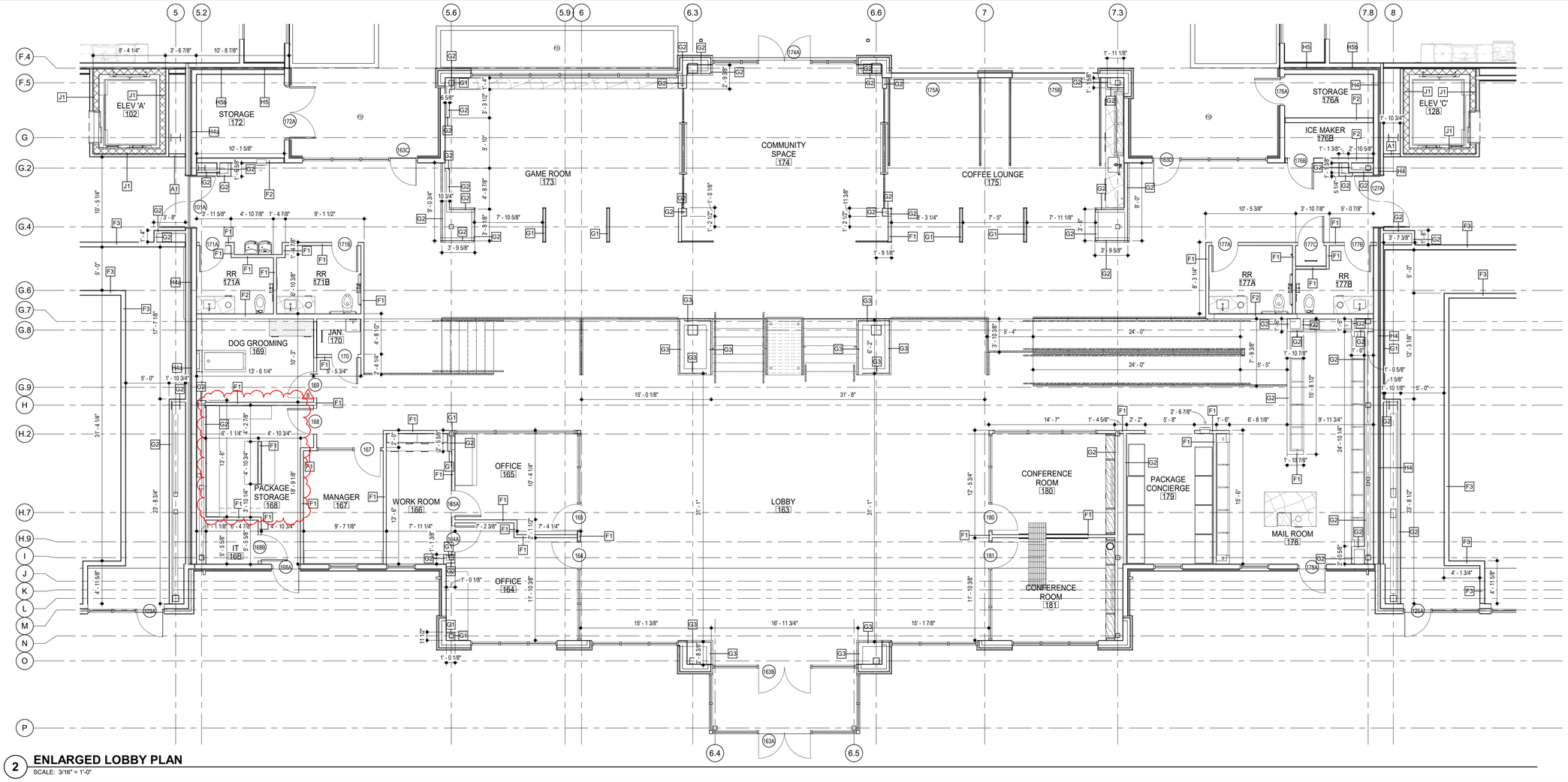
TRi PROJECT NO. 18-046

SHEET NO.

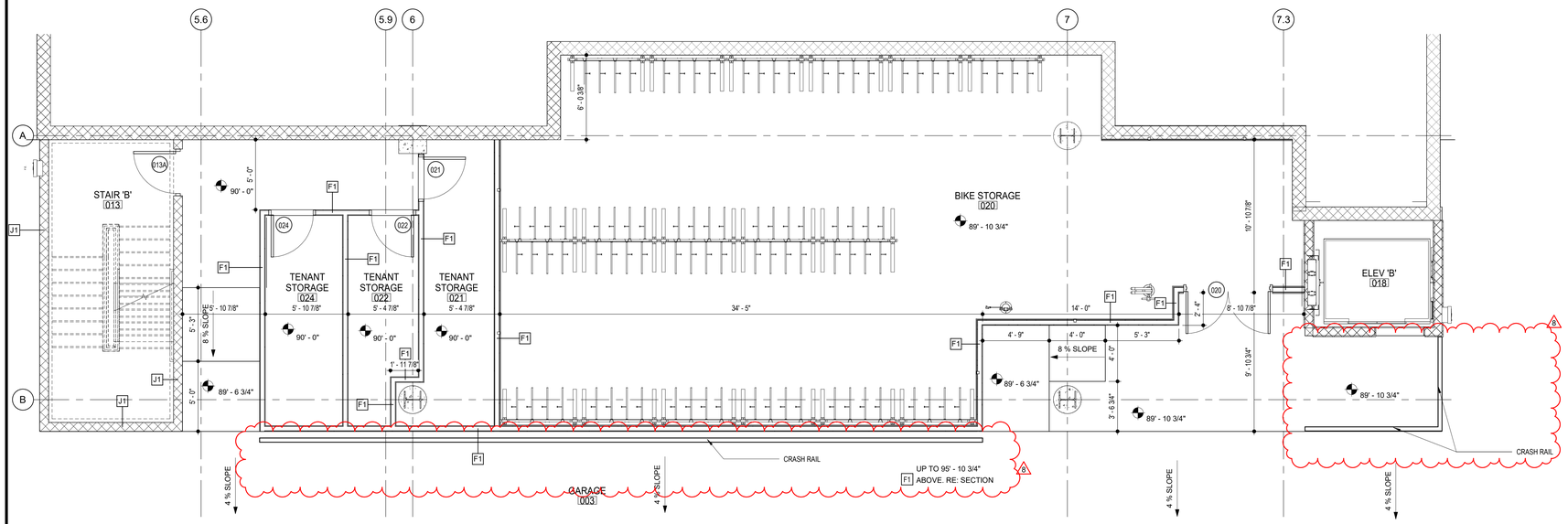
A408

PERGOLA 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 / X)

C. FOR WINDOW SCHEDULE SEE SHEET A014 (X)

D. FOR PARTITION TYPES SEE SHEET A011

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 A1, 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.

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7	REVISION 2	1.24.20
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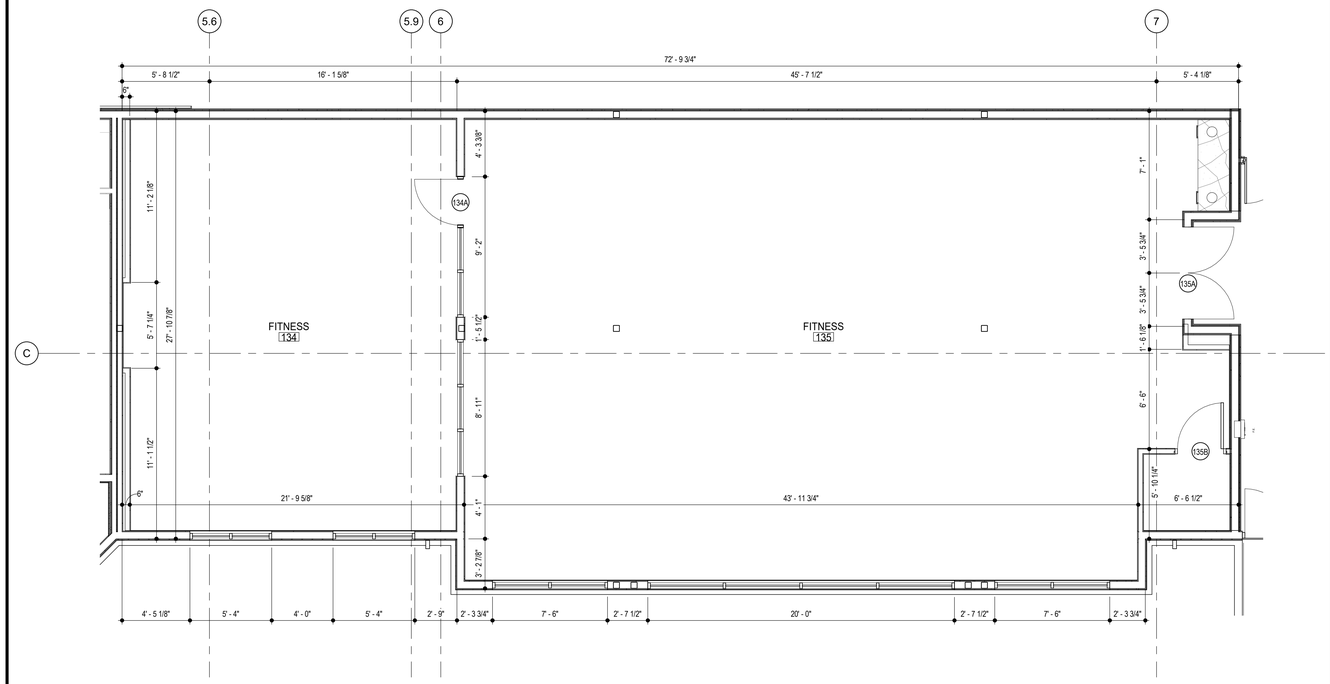
SHEET NO. A410 (7)

ENLARGED AMENITY SPACES



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

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8	REVISION 3	4.3.2020

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ENLARGED AMENITY SPACES

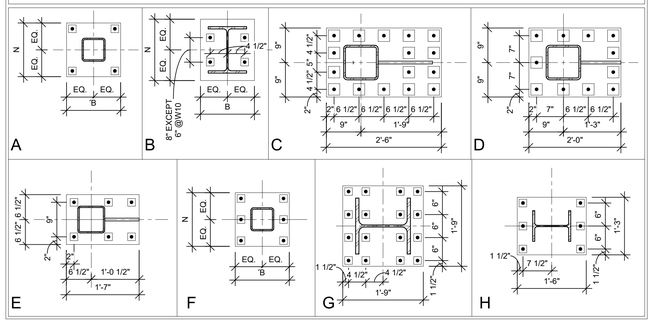
COLUMN BASE PLATE SCHEDULE

TYPE	COLUMN	BASE PLATE (NxBxT)	SHAPE	ANCHOR RODS	EMBEDMENT
1	PER PLAN	16"x16"x1 1/2" GRADE 50	F	6- 7/8" DIA. GRADE 105	2'-0"
2	PER PLAN	12"x12"x3/4"	A	4- 3/4" DIA.	1'-4"
3	PER PLAN	13"x13"x3/4"	A	4- 3/4" DIA.	1'-4"
4	PER PLAN	16"x16"x1"	B	4- 7/8" DIA. GRADE 105	2'-0"
5	PER PLAN	15"x15"x1 1/4"	B	4- 3/4" DIA.	1'-4"
6	PER PLAN	17"x17"x1 1/2"	B	4- 3/4" DIA.	1'-4"
7	PER PLAN	17"x17"x1 3/4"	B	4- 3/4" DIA.	1'-4"
8	PER PLAN	18"x18"x1 3/4"	B	4- 3/4" DIA.	1'-4"
9	PER PLAN	19"x19"x1 3/4"	B	4- 3/4" DIA.	1'-4"
10	PER PLAN	20"x20"x1 3/4"	B	4- 3/4" DIA.	1'-4"
11	PER PLAN	21"x21"x2"	B	4- 3/4" DIA.	1'-4"
12	PER PLAN	30"x18"x2" GRADE 50	C	16- 1" DIA. GRADE 105	2'-0"
13	PER PLAN	24"x18"x2" GRADE 50	D	11- 7/8" DIA. GRADE 105	2'-0"
14	PER PLAN	19"x13"x1 1/4" GRADE 50	E	6- 3/4" DIA. GRADE 105	2'-0"
15	PER PLAN	17"x17"x1 3/4"	B	4- 7/8" DIA. GRADE 105	1'-4"
16	PER PLAN	21"x21"x1" GRADE 50	G	16- 7/8" DIA. GRADE 105	1'-4"
17	PER PLAN	18"x15"x1" GRADE 50	H	6- 7/8" DIA. GRADE 105	1'-4"

NOTES:

1. SEE PLAN FOR ORIENTATION OF COLUMNS.
2. PROVIDE PLATE WASHED & EMBEDDED PLATE PER SCHEDULE @ ALL ANCHOR BOLTS.
3. U.N.O. ALL THREADED ROD A.B's SHALL BE F1554 (36ksi) MATERIAL.

BASE PLATE SHAPE (NOT TO SCALE)



COLUMN BASE PLATE AND ANCHOR-ROD CRITERIA

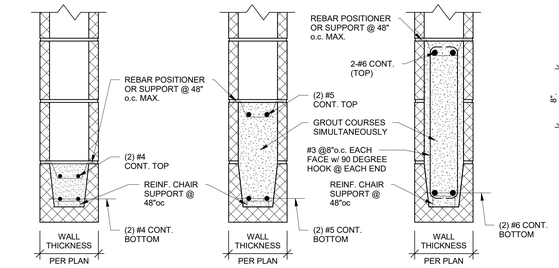
ANCHOR-ROD DIAMETER.	MAX. BASE PLATE HOLE DIAMETER.	MIN. PLATE WASHER SIZE.	MIN. PLATE WASHER THICKNESS	EMBEDDED ANCHOR PLATE SIZE
3/4"	1 5/16"	2"	1/4"	1/2"x2 1/2"x2 1/2"
7/8"	1 9/16"	2 1/2"	5/16"	1/2"x2 1/2"x2 1/2"
1"	1 7/8"	3"	3/8"	5/8"x3"x3"
1 1/4"	2 1/8"	3 1/2"	1/2"	5/8"x3 1/2"x3 1/2"
1 1/2"	2 3/8"	4"	1/2"	5/8"x3 1/2"x3 1/2"
1 3/4"	2 7/8"	4 1/2"	5/8"	3/4"x3 1/2"x3 1/2"
2"	3 1/4"	5"	3/4"	3/4"x3 1/2"x3 1/2"
2 1/2"	3 3/4"	5 1/2"	7/8"	3/4"x3 1/2"x3 1/2"

NOTES:

1. HOLE SIZES PROVIDED ARE BASE ON ANCHOR ROD SIZE AND CORRELEATE WITH ACI 117 (ACI, 2010)
2. CIRCULAR OR SQUARE WASHERS MEETING THE WASHER SIZE ARE ACCEPTIBLE.
3. HOLE IN PLATE WASHER SHALL BE 1/16" LARGER THAN ANCHOR DIAMETER.=

TYPICAL MASONRY REINFORCING NOTE:

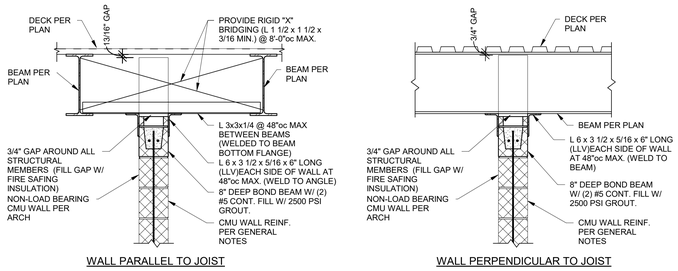
ALL INTERIOR & EXTERIOR MASONRY WALLS SHOWN ON ARCHITECTURAL AND STRUCTURAL DRAWINGS ARE TO BE REINFORCED HORIZONTALLY WITH BOND BEAMS (2 - #5 BOTTOM) AT BOTTOM COURSE, TOP COURSE, JOIST BEARING ELEVATION AND AT 8'-0" MAXIMUM O.C. AND VERTICALLY AS INDICATED ON DRAWINGS. THESE WALLS ARE TO BE ANCHORED TOP AND BOTTOM TO THE FOUNDATION, FLOOR, OR ROOF PER TYPICAL DETAILS. THE VERTICAL REINFORCING IS CONTINUOUS (IN 6'-6" MAXIMUM LENGTHS, LAPPED 2'-6" MINIMUM). FILL BLOCK CELLS AND BOND BEAMS WITH 2,500psi GROUT. RE: DETAILS "A" THROUGH "E" ON THIS SHEET.



OPENINGS UP TO 4'-0" | OPENINGS 4'-0" TO 7'-4" | OPENINGS 7'-4" TO 12'-0"

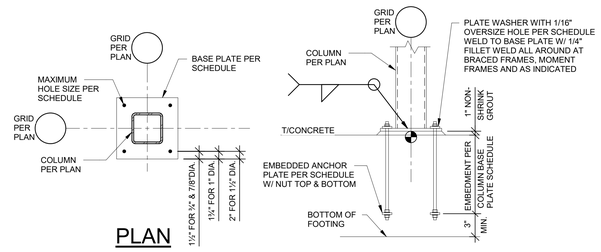
TYPICAL LINTELS AT ALL CMU WALLS (U.N.O.)

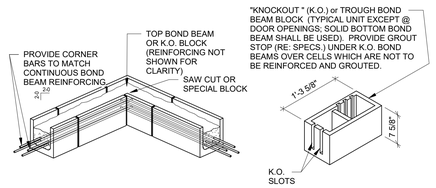
C SECTION
1 1/2" = 1'-0"



TYPICAL BRACING DETAILS FOR NON-LOAD-BEARING CMU WALLS THAT EXTEND TO DECK
(REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION)

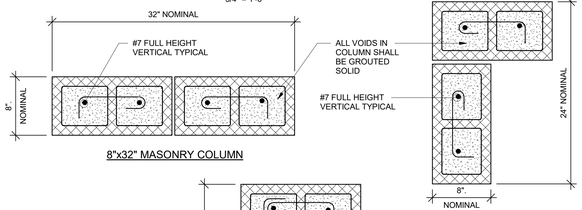
2 SECTION
3/4" = 1'-0"



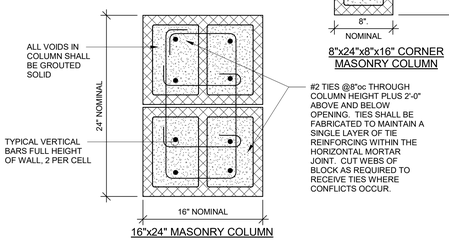


TYPICAL BOND BEAM DETAIL AT CORNER OF CMU WALL

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

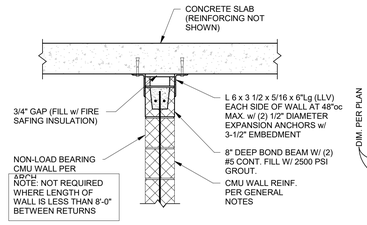


8"x32" MASONRY COLUMN | 8"x24"x8"x16" CORNER MASONRY COLUMN



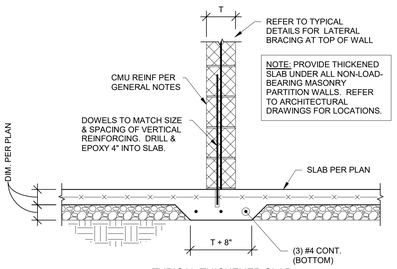
16"x24" MASONRY COLUMN

E SECTION
1 1/2" = 1'-0"



TYPICAL TOP OF CMU WALL BRACING BELOW CONCRETE SLAB

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



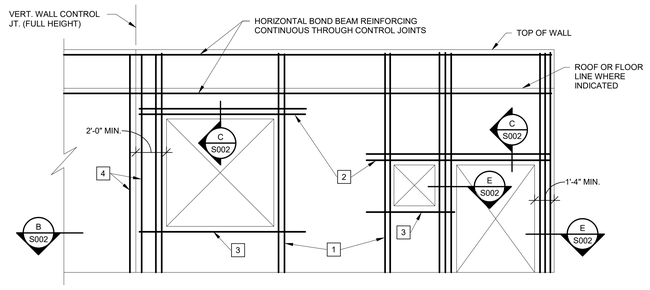
TYPICAL THICKENED SLAB
(UNDER NON-LOAD-BEARING MASONRY)

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

Structural Foundation Schedule

NOTE:
1) EXTERIOR FOOTINGS OR FOOTING AT GRADE BEAM SHALL MATCH GRADE BEAM DEPTH AND BE PLACED WITH GRADE BEAM. PROVIDE SPECIFIED REBAR TOP AND BOTTOM WITH 4 STANDEES TO SUPPORT MATS.
2.) PROVIDE REINFORCING PER SCHEDULE EACH WAY IN TOP OF FTG. AT ALL MOMENT FRAME AND BRACED BAY COLUMNS.
3.) CENTER FOOTINGS ON COLUMNS AND/OR WALL CENTER LINES PER PLAN UNLESS NOTED OTHERWISE (U.N.O.).

Type Mark	Length	Width	Footing Thickness	Bottom Bars	Quantity (E.W. Bott)	
3.0	3'-0"	3'-0"	1'-4"	Rebar : # 4	4	
3.0A	3'-0"	3'-0"	2'-8"	Rebar : # 4	4	
3.5	3'-6"	3'-6"	1'-4"	Rebar : # 4	5	
4.0	4'-0"	4'-0"	1'-4"	Rebar : # 4	5	
4.5	4'-6"	4'-6"	1'-4"	Rebar : # 4	6	
5.0	5'-0"	5'-0"	1'-6"	Rebar : # 5	6	
5.5	5'-6"	5'-6"	1'-8"	Rebar : # 5	7	
5.5A	5'-6"	5'-6"	2'-8"	Rebar : # 5	8	
6.0	6'-0"	6'-0"	1'-10"	Rebar : # 5	8	
6.5	6'-6"	6'-6"	2'-0"	Rebar : # 5	9	
7.0	7'-0"	7'-0"	2'-2"	Rebar : # 5	11	
7.5	7'-6"	7'-6"	2'-4"	Rebar : # 5	11	
8.0	8'-0"	8'-0"	2'-6"	Rebar : # 5	13	
8.5	8'-6"	8'-6"	2'-8"	Rebar : # 5	14	
9.0	9'-0"	9'-0"	2'-10"	Rebar : # 6	12	
9.5	9'-6"	9'-6"	3'-0"	Rebar : # 6	14	
10.0	10'-0"	10'-0"	1'-10"	Rebar : # 6	17	
10.5	10'-6"	10'-6"	3'-0"	Rebar : # 6	16	
11.5	11'-6"	11'-6"	3'-0"	Rebar : # 6	8	each way top & bottom
14.0	14'-0"	14'-0"	3'-0"	Rebar : # 6	22	each way top & bottom



TYPICAL CMU WALL REINFORCING AT OPENINGS

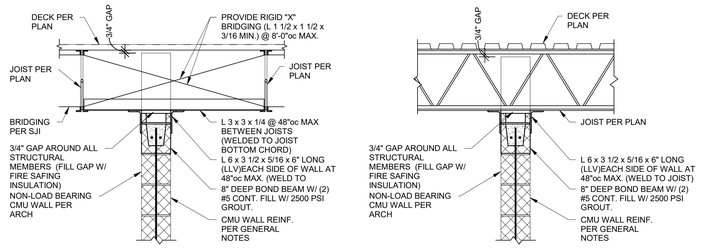
LEGEND:

1. FULL HEIGHT VERTICAL BARS AS JAMB REINFORCING IN FIRST 2 CELLS ADJACENT TO OPENING. REINFORCE EACH CELL WITH SIZE & QUANTITY OF BAR TO MATCH WALL REINFORCING (1 BAR TYPICAL IN 8" WALLS AND 2 BARS TYPICAL IN 12" WALLS).
2. LINTEL REINFORCING PER SECTION C. EXTEND 2'-0" PAST EDGE OF OPENING ON EACH SIDE (TYPICAL).
3. 2-#5 CONTINUOUS HORIZONTAL BARS AS SILL REINFORCING IN 8" COURSE BELOW OPENING (U.N.O.). EXTEND 2'-0" PAST EDGE OF OPENING ON EACH SIDE (TYPICAL).
4. FULL HEIGHT VERTICAL BARS PER MASONRY VERTICAL REINFORCING SCHEDULE LOCATED IN END CELL AT EACH SIDE OF VERTICAL WALL CONTROL JOINTS.

GENERAL CRITERIA: (SECTION A CONTINUED):

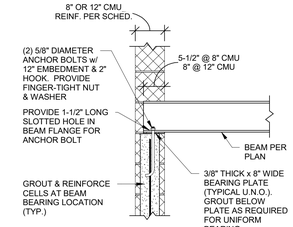
1. VERTICAL REINFORCING BARS SHALL BE DOWELED TO FOUNDATION WITH A DOWEL OF MATCHING SIZE AND SPACING.
2. CONTRACTOR SHALL COORDINATE AND VERIFY OPENINGS IN MASONRY WALLS. OPENINGS SHALL BE DETAILED ON REINFORCING STEEL SHOPE DRAWING ELEVATIONS.
3. VERTICAL CONTROL JOINTS IN MASONRY WALLS SHALL BE 3/8" WIDE, FULL HEIGHT OF WALL. JOINTS SHALL BE SPACED AT A MAXIMUM OF 24'-0" ON CENTER AND NOT LESS THAN 2'-0" FROM THE EDGE OF ANY OPENING. ALL HORIZONTAL JOINT REINFORCING SHALL BE DISCONTINUOUS AT CONTROL JOINTS. ALL BOND BEAM HORIZONTAL REINFORCING SHALL BE CONTINUOUS THROUGH CONTROL JOINTS. CONTRACTOR SHALL COORDINATE AND VERIFY ALL CONTROL JOINT LOCATIONS.

A CMU WALL ELEVATION
1 1/2" = 1'-0"



TYPICAL BRACING DETAILS FOR NON-LOAD-BEARING CMU WALLS THAT EXTEND TO DECK
(REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION)

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



TYPICAL WIDE FLANGE BEAM BEARING ON CMU (U.N.O.)

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

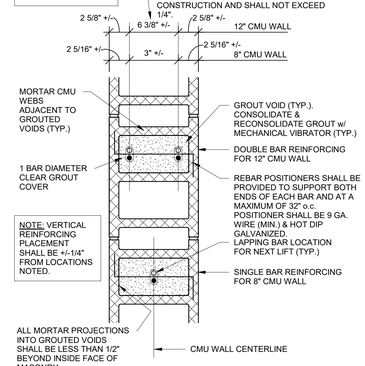
CONCRETE PILASTER SCHEDULE

CONCRETE (PSI): 3500			REBAR (KSI): 60		
MARK	SIZE	VERT. REINF.	TIES	TIE SPACING	SHAPE
P1	24"x24"	(8) #8	(2) #3	(3) @ 1 1/2"o.c. TOP REMAINDER @ 12"o.c.	
P2	36"x24"	(10) #8	(3) #3	(3) @ 1 1/2"o.c. TOP REMAINDER @ 12"o.c.	
P3	28"x24"	(8) #8	(2) #3	(3) @ 1 1/2"o.c. TOP REMAINDER @ 12"o.c.	
P4	32"DIA.	(10) #6	#3	(3) @ 1 1/2"o.c. TOP REMAINDER @ 12"o.c.	
P5	24"DIA.	(8) #6	#3	(3) @ 1 1/2"o.c. TOP REMAINDER @ 12"o.c.	

NOTE:
1.) ALL PILASTER SHALL HAVE (3) ADDITIONAL TIES @ TOP 5".
2.) PILASTER ARE TO BE CENTERED ON STEEL COLUMN U.N.O.

NOTE: REINFORCING SHALL BE PLACED IN POSITIONEERS PRIOR TO GROUTING.

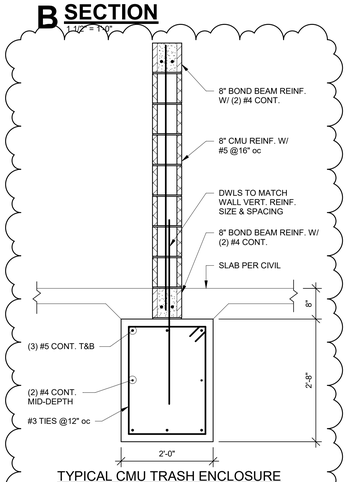
ADJUSTMENTS TO DIMENSIONS TO PROVIDE DEFINED CLEAR GROUT COVER ARE ACCEPTABLE, BUT ALL ADJUSTMENTS SHALL BE APPROVED BY ENGINEER PRIOR TO CONSTRUCTION AND SHALL NOT EXCEED 1/4".



NOTE: ALL MASONRY VOIDS AND BOND BEAMS TO BE GROUTED SHALL BE FREE OF DEBRIS AND MORTAR DROPPINGS PRIOR TO GROUTING. ANY MASONRY w/ DROPPINGS OR DEBRIS OBSERVED IN VOIDS SHALL BE REJECTED.

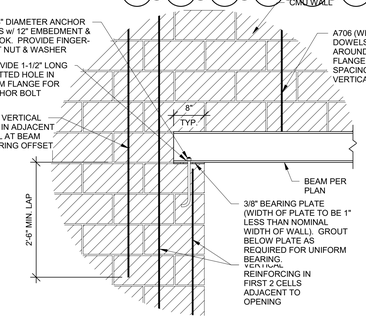
TYPICAL REBAR POSITIONING DETAIL

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



TYPICAL CMU TRASH ENCLOSURE

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



TYPICAL STEEL LINTEL DETAIL AT CMU WALL

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

CLIENT
ARCHITECT
STRUCTURAL ENGINEER
CIVIL ENGINEER
MECHANICAL ENGINEER
PLUMBING ENGINEER
ELECTRICAL ENGINEER

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DATE: 7.29.19 (SHELL PACKAGE)

REVISIONS

8	REVISION 3	04.03.20

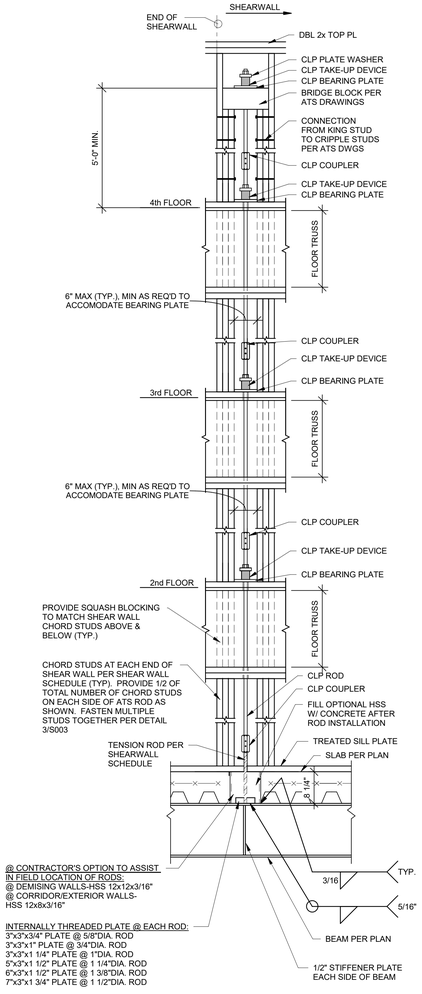
DWG BY Author

TR.i PROJECT NO. 18-046

SHEET NO.

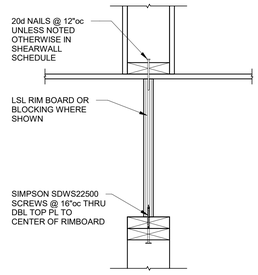
S002

SCHEDULES & CMU DETAILS



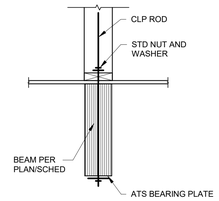
TYPICAL ANCHOR TIEDOWN SYSTEM DETAIL AT EACH END OF SHEAR WALLS

REFER TO PLANS FOR SHEAR WALL LOCATIONS AND TO SHEAR WALL SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.



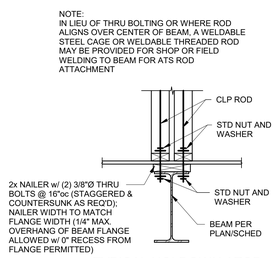
TYPICAL SHEARWALL SILL PL ATTACHMENT AT 2x SILL

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



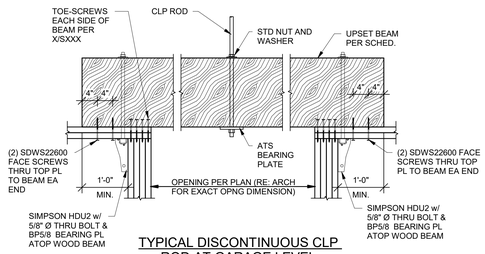
TYPICAL HOLDOWN ATOP WOOD BM

3 SECTION 1" = 1'-0"



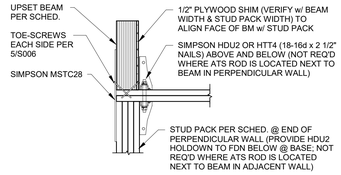
TYPICAL HOLDOWN ATOP STEEL BEAM ABOVE PODIUM

4 SECTION 1" = 1'-0"



TYPICAL DISCONTINUOUS CLP ROD AT GARAGE LEVEL

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



TYPICAL END BEARING AT PERPENDICULAR WALL OF UPSET BEAM SUPPORTING DISCONTINUOUS ATS ROD

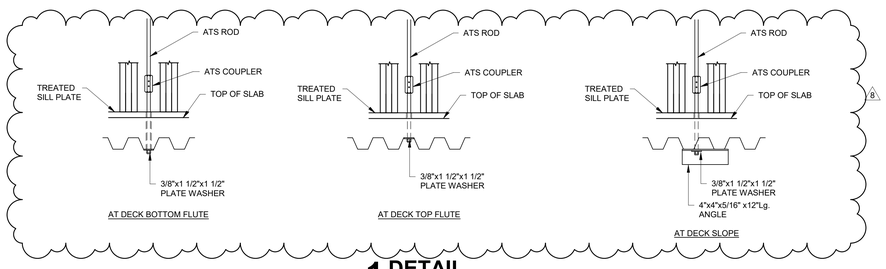
6 SECTION 3/4" = 1'-0"

TYPICAL UPSET BEAM NEAR END OF SHEARWALL

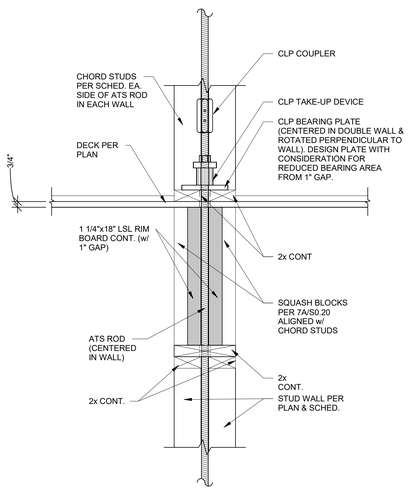
7 SECTION 3/4" = 1'-0"

TYPICAL HDU FLOOR TO FLOOR HOLDOWN

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



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



TYPICAL SINGLE ATS ROD AT DOUBLE SHEARWALLS

9 SECTION 1 1/2" = 1'-0"

SHEARWALL SCHEDULE

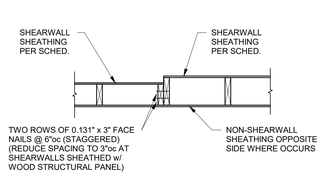
SHEARWALL TYPE		FLOOR 1st FLOOR WALLS	FLOOR 2nd FLOOR WALLS	FLOOR 3rd FLOOR WALLS	FLOOR 4th FLOOR WALLS	PLATE CONNECTION (SILL TO RIM BOARD & RIM BOARD TO TOP PLATE) (RE: NOTES 6 & 7)
SW1	MATERIAL & THICKNESS	5/8" GYPSUM SHEATHING ONE SIDE, w/ EDGES BLOCKED	5/8" GYPSUM SHEATHING ONE SIDE, w/ EDGES UNBLOCKED	5/8" GYPSUM SHEATHING ONE SIDE, w/ EDGES UNBLOCKED	5/8" GYPSUM SHEATHING ONE SIDE, w/ EDGES UNBLOCKED	
	NAIL SIZE & SPACING	6d NAILS @ 4/4	6d NAILS @ 7/7	6d NAILS @ 7/7	6d NAILS @ 7/7	
	SHEAR FORCE	175 plf	115 plf	115 plf	115 plf	
SW2	MATERIAL & THICKNESS	(2)5/8" GYPSUM SHEATHING ONE SIDE, w/ EDGES BLOCKED	5/8" GYPSUM SHEATHING ONE SIDE, w/ EDGES BLOCKED	5/8" GYPSUM SHEATHING ONE SIDE, w/ EDGES UNBLOCKED	5/8" GYPSUM SHEATHING ONE SIDE, w/ EDGES UNBLOCKED	1st FLR - 20d NAILS @ 8"oc
	NAIL SIZE & SPACING	BASE PLY: 6d COOLER NAILS @ 9/9 FACE PLY: 8d COOLER NAILS @ 7/7	6d NAILS @ 4/4	6d NAILS @ 7/7	6d NAILS @ 7/7	
	SHEAR FORCE	250 plf	175 plf	115 plf	115 plf	
SW3	MATERIAL & THICKNESS	7/16" OSB SHEATHING ONE SIDE, w/ EDGES BLOCKED	(2)5/8" GYPSUM SHEATHING ONE SIDE, w/ EDGES BLOCKED	5/8" GYPSUM SHEATHING ONE SIDE, w/ EDGES BLOCKED	5/8" GYPSUM SHEATHING ONE SIDE, w/ EDGES UNBLOCKED	2nd FLR - 20d NAILS @ 8"oc 1st FLR - 20d NAILS @ 6"oc
	NAIL SIZE & SPACING	8d NAILS 4/12	BASE PLY: 6d COOLER NAILS @ 9/9 FACE PLY: 8d COOLER NAILS @ 7/7	6d NAILS @ 4/4	6d NAILS @ 7/7	
	SHEAR FORCE	380 plf	250 plf	175 plf	115 plf	
SW4	MATERIAL & THICKNESS	7/16" OSB SHEATHING ONE SIDE, w/ EDGES BLOCKED	7/16" OSB SHEATHING ONE SIDE, w/ EDGES BLOCKED	7/16" OSB SHEATHING ONE SIDE, w/ EDGES BLOCKED	5/8" GYPSUM SHEATHING ONE SIDE, w/ EDGES BLOCKED	3rd FLR - 20d NAILS @ 8"oc 2nd FLR - 20d NAILS @ 6"oc 1st FLR - 20d NAILS @ 6"oc
	NAIL SIZE & SPACING	8d NAILS 4/12	8d NAILS 4/12	8d NAILS 6/12	6d NAILS @ 4/4	
	SHEAR FORCE	380 plf	380 plf	260 plf	175 plf	
SW5	MATERIAL & THICKNESS	7/16" OSB SHEATHING ONE SIDE, w/ EDGES BLOCKED	7/16" OSB SHEATHING ONE SIDE, w/ EDGES BLOCKED	7/16" OSB SHEATHING ONE SIDE, w/ EDGES BLOCKED	7/16" OSB SHEATHING ONE SIDE, w/ EDGES BLOCKED	4th FLR - 20d NAILS @ 8"oc 3rd FLR - 20d NAILS @ 8"oc 2nd FLR - 20d NAILS @ 6"oc 1st FLR - 20d NAILS @ 6"oc
	NAIL SIZE & SPACING	8d NAILS 4/12	8d NAILS 4/12	8d NAILS 6/12	8d NAILS 6/12	
	SHEAR FORCE	380 plf	380 plf	260 plf	260 plf	

NOTES:
1. NAILING SHALL BE TO ALL STUDS, TOP & BOTTOM PLATES, AND BLOCKING WHERE INDICATED. NAILS FOR GYPSUM SHEATHING ARE COOLER NAILS AND NAILS FOR OSB SHEATHING ARE COMMON NAILS. GYPSUM CAN BE ATTACHED WITH DRYWALL SCREWS AT SAME SPACING INDICATED FOR NAILS.
2. HOLDOWNS PER PLAN & SCHEDULE.
3. WHERE THE ENDS OF PERPENDICULAR SHEAR WALLS INTERSECT AND ONLY ON HOLDOWN SHOWN ON PLAN, FASTEN ALL STUDS TOGETHER PER SCHEDULE AND USE LARGER OF THE TWO HOLDOWNS SHOWN IN THE SHEARWALL SCHEDULE.
4. REFER TO HOLDOWN SCHEDULE FOR NUMBER OF STUDS REQ'D AT EA END OF THE SHEARWALL
5. NAIL AND STAPLE SPACING SHOWN AS (#/#) INDICATES FASTENERS SPACING IN INCHES AT THE EDGES/FIELD WHERE FIELD IS THE INTERMEDIATE MEMBERS.
6. TYPICAL SILL PLATE TO WOOD (RIM BOARD) SHALL BE 20d NAILS AT 12"oc UNLESS NOTED OTHERWISE IN SCHEDULE. TYPICAL WOOD (RIM BOARD) TO TOP PLATES SHALL BE SDWS22500 SCREWS @ 16"oc.
7. TYPICAL SILL PLATE TO CONCRETE SHALL BE 1/2"Øx6" Lg SIMPSON TITEN HD ANCHOR:
   AT 2x4 WALLS SPACE AT 24"oc MAX WITH 1/4"x2 1/2"x2 1/2" PLATE WASHER OR SIMPSON BPS1/2-3 @ CONTRACTORS OPTION
   AT 2x6 WALLS SPACE AT 24"oc MAX WITH 1/4"x2 1/2"x4 1/2" PLATE WASHER OR SIMPSON BPS1/2-6 @ CONTRACTORS OPTION
   AT 2x8 WALLS STAGGER AT 18"oc MAX WITH 1/4"x2 1/4"x2 1/2" PLATE WASHER OR SIMPSON BPS1/2-3 @ CONTRACTORS OPTION
8. PLATE WASHERS TO MAINTAIN MAX OF 1/2" BETWEEN EDGE OF SILL PLATE AND EDGE OF PLATE WASHER.
9. OSB @ INTERIOR WALL SHALL BE IN ADDITION TO 5/8" GYP SHEATHING.
10. SHEARWALL SHEATHING CALLED OUT AT CORRIDOR WALLS SHALL BE LOCATED AT UNIT SIDE OF WALL.
11. REFER TO NOTE 11.B ON S0.01 FOR FIRE RETARDANT TREATED SHEATHING REQUIREMENTS.

HOLDOWN SCHEDULE

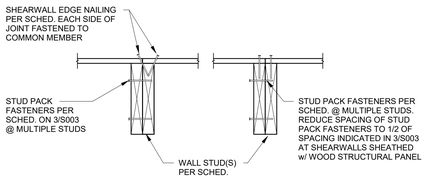
MARK	FLOOR LEVEL (w/ ROD SIZE PER FLOOR& # OF REQ'D CHORD STUDS) 1st FLOOR	2nd FLOOR	3rd FLOOR	4th FLOOR
A	3/8"Ø STANDARD THREADED ROD w/ (2)2x4 OR (2)2x6	3/8"Ø STANDARD THREADED ROD w/ (2)2x4 OR (2)2x6	3/8"Ø STANDARD THREADED ROD w/ (2)2x4 OR (2)2x6	3/8"Ø STANDARD THREADED ROD w/ (2)2x4 OR (2)2x6
B	3/4"Ø STANDARD THREADED ROD w/ (6)2x4 OR (4)2x6	5/8"Ø STANDARD THREADED ROD w/ (6)2x4 OR (4)2x6	3/8"Ø STANDARD THREADED ROD w/ (2)2x4 OR (2)2x6	3/8"Ø STANDARD THREADED ROD w/ (2)2x4 OR (2)2x6
C		3/4"Ø STANDARD THREADED ROD w/ (6)2x4 OR (4)2x6	1/2"Ø STANDARD THREADED ROD w/ (4)2x4 OR (2)2x6	3/8"Ø STANDARD THREADED ROD w/ (2)2x4 OR (2)2x6

NOTES:
1. HOLDOWN TYPES ARE BASED UPON CONTINUOUS THREADED RODS UTILIZING CLP SYSTEMS.
2. RODS SHALL HAVE THE FOLLOWING MINIMUM TENSILE CAPACITY:
   A. 3/8"Ø = 2,900 LBS
   B. 1/2"Ø = 4,270 LBS
   C. 5/8"Ø = 6,675 LBS
   D. 3/4"Ø = 9,610 LBS
3. REFER TO SECTION DETAILS ON S0.03 FOR TYPICAL HOLDOWN DETAILS.
4. ALL RODS TO HAVE HALF OF THE LISTED REQ'D STUDS EA SIDE OF THREADED ROD TO MATCH STUD SIZE & GRADE NOTED IN WALL SCHEDULE. CHORD STUDS ARE IN ADDITION TO BEARING WALL OR HEADER JAMB STUDS - PROVIDE ADDITIONAL STUDS AS REQ'D TO MEET QUANTITY NOTED IN SCHED. OFFSET STUD PACK 3" TYPICAL FROM CENTERLINE OF THREADED ROD. PROVIDE SQUASH BLOCKS WITHING FLOOR PLATE DEPTH (TRUSS DEPTH) ALIGNED WITH STUD PACKS. QUANITY OF SQUASH BLOCK TO MATCH QUANITY OF STUDS BELOW.
5. PROVIDE SIMPSON ATS-SBC WELDED TO STEEL WIDE-FLANGE (PRIOR TO POURING CONCRETE).
6. PROVIDE PLATE WASHER AND NUT CAPABLE OF DEVELOPING CAPACITY OF ROD AT EACH FLOOR.
7. PROVIDE TAKE-UP DEVICE AT EACH FLOOR CAPABLE OF ACCOMODATING THE SHRINKAGE INDICATED IN DETAIL 1/S0.06.
8. PROVIDE COUPLING TAKE-UP DEVICE AS REQUIRED.
9. PROVIDE SHOP DRAWINGS SHOWING LOCATIONS OF ALL HOLD-DOWNS AND HARDWARE FOR REVIEW BY THE EOR PRIOR TO INSTALLATION.
10. THE HOLE THRU THE TOP AND SILL PLATES SHALL BE EQUAL TO THE ROD DIAMETER PLUS 1/4".



TYPICAL SHEARWALL DETAIL AT WALL STUD SIZE TRANSITION

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



TYPICAL SHEARWALL SHEATHING JOINT

11 SECTION 1 1/2" = 1'-0"

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STATE OF MISSOURI — JOHN A. HARTMAN — NUMBER PE-2010020633 — 03-31-2020 — NOT FOR BIDDING OR CONSTRUCTION

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REVISIONS 1

8	REVISION 3	04.03.20

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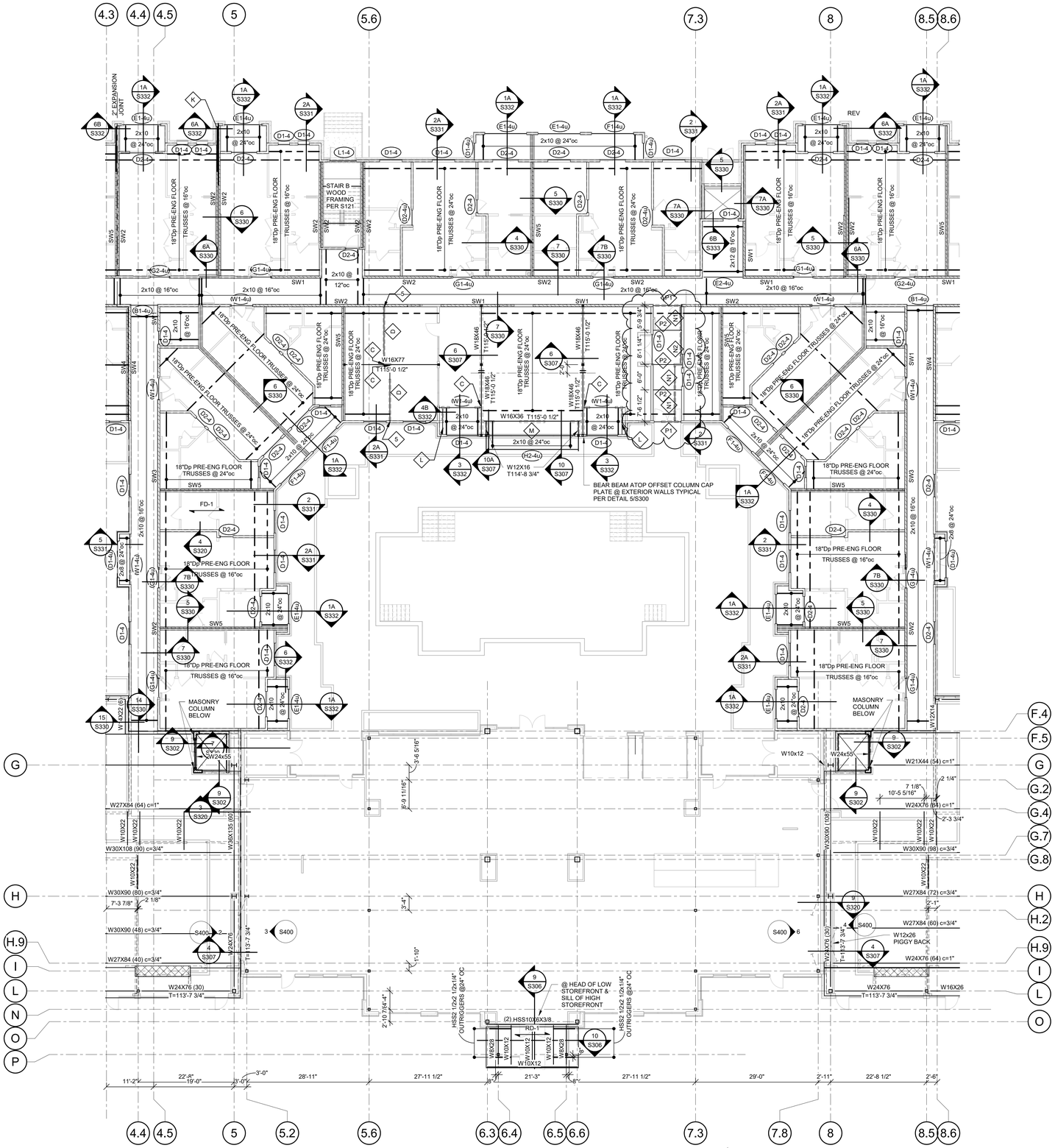
TR.i PROJECT NO. 18-046

SHEET NO.

S004

TYPICAL WOOD LATERAL SCHEDULES & DETAILS



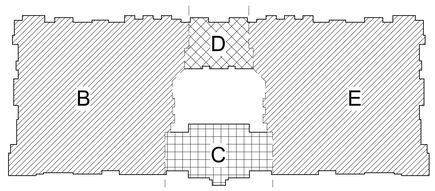
1 SECOND FLOOR FRAMING PLAN- AREA C/D

3/32" = 1'-0"

WOOD FLOOR FRAMING

NOTES:

1. REFER TO GENERAL NOTES ON SHEET S001.
2. REFER TO STUD BEARING WALL SCHEDULE ON SHEET S003.
3. REFER TO HEADER/BEAM/JAMB SCHEDULE ON SHEET S003.
4. REFER TO SHEARWALL AND HOLDOWN SCHEDULE ON S004.
5. REFER TO STAIR FRAMING PLANS ON SHEET S120.
6. REFER TO S330 SERIES OF SHEETS FOR ADDITIONAL FLOOR FRAMING DETAILS NOT INDICATED HERE.
7. PROVIDE TRUSS SPACE DIRECTLY ABOVE AND CENTERED OVER HVAC CLOSET; REFER TO ARCH AND MEP DRAWINGS FOR LOCATIONS.
8. REFER TO S001 FOR SLAB AND DECK SCHEDULE.
   A. WOOD FLOOR DECK TO BE DECK TYPE "FD-1" U.N.O.
   B. BALCONY FLOOR DECK TO BE DECK TYPE "CD-2" U.N.O.
9. ADD 1 1/4" SILL PL BETWEEN 2nd FLOOR DECK & BOTTOM PLATE @ ALL LOAD BEARING 4 STORY WOOD STUD WALLS.
10. PUBLIC AREA: DESIGN FOR LIVE LOAD PER GENERAL NOTE 2.B ON S001
    STORAGE AREA: DESIGN FOR LIVE LOAD PER GENERAL NOTE 2.B ON S001



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REVISIONS 2

8	REVISION 3	04.03.20

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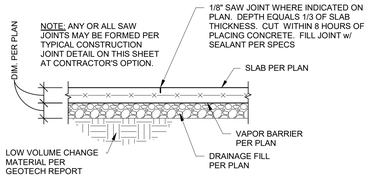
TR.i PROJECT NO. 18-046

SHEET NO.

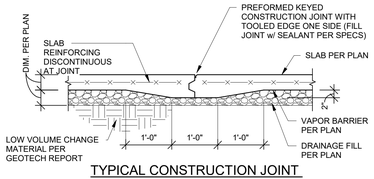
S113C/D

SECOND FLOOR FRAMING PLAN- AREA C/D



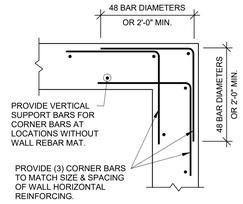
TYPICAL SAW JOINT
NOTED "SJ" ON PLAN

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

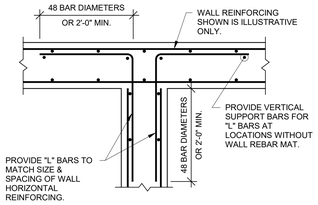


TYPICAL CONSTRUCTION JOINT
NOTED "CJ" ON PLAN

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

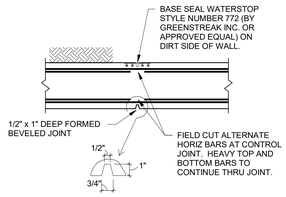


TYPICAL CORNER BARS AT
CONCRETE WALLS & FOUNDATIONS



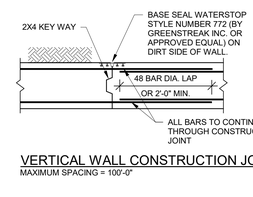
TYPICAL T-INTERSECTION REINFORCING
AT CONCRETE WALLS & FOUNDATIONS

3 TYPICAL INTERSECTING CONCRETE WALL REINFORCING
3/4" = 1'-0"

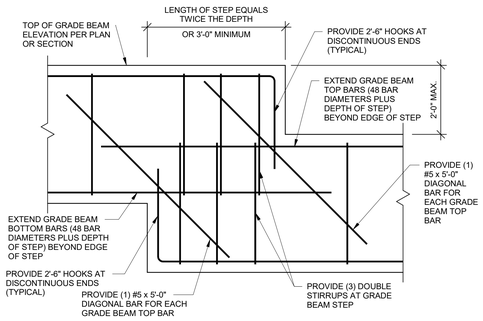


VERTICAL WALL CONTROL JOINT
MAXIMUM SPACING = 25'-0"
(COORDINATE LOCATIONS WITH ARCHITECT/ALIGN WITH MASONRY CONTROL/EXPANSION JOINTS ABOVE)

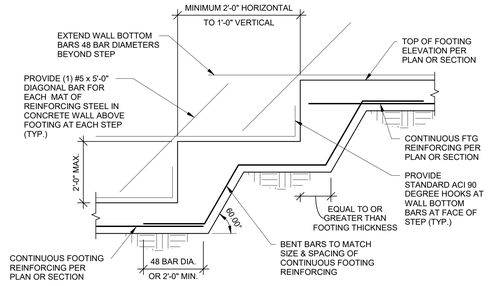
4 VERTICAL WALL CONTROL JOINT
3/4" = 1'-0"



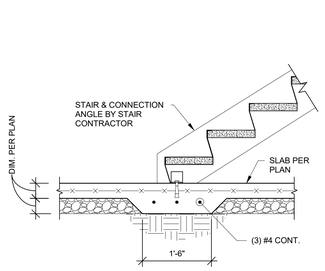
VERTICAL WALL CONSTRUCTION JOINT
MAXIMUM SPACING = 100'-0"



5 TYPICAL GRADE BEAM STEP
3/4" = 1'-0"

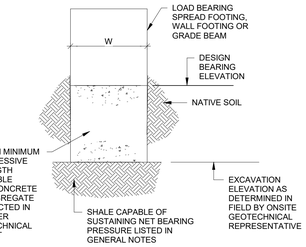


6 TYPICAL FOOTING STEP
1/2" = 1'-0"



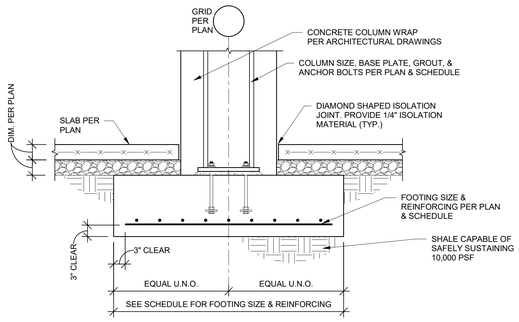
TYPICAL THICKENED SLAB AT BASE OF STAIR

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



LEAN CONCRETE BACKFILL

8 OVEREXCAVATION DETAIL
3/4" = 1'-0"



TYPICAL INTERIOR COLUMN FOOTING

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

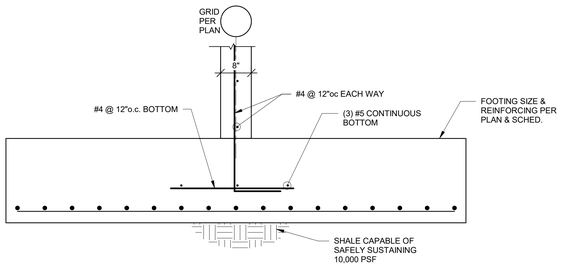
10 SECTION
3/4" = 1'-0"

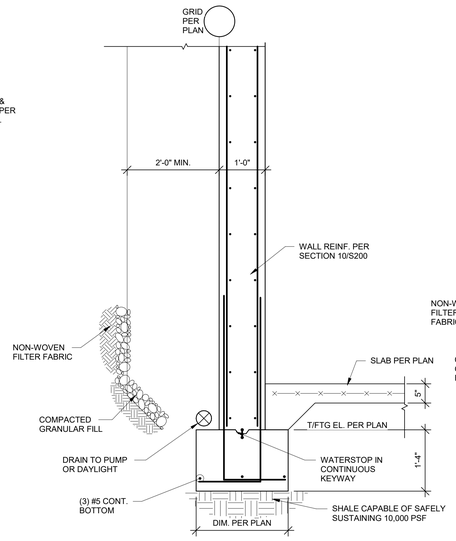
11 SECTION
3/4" = 1'-0"

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

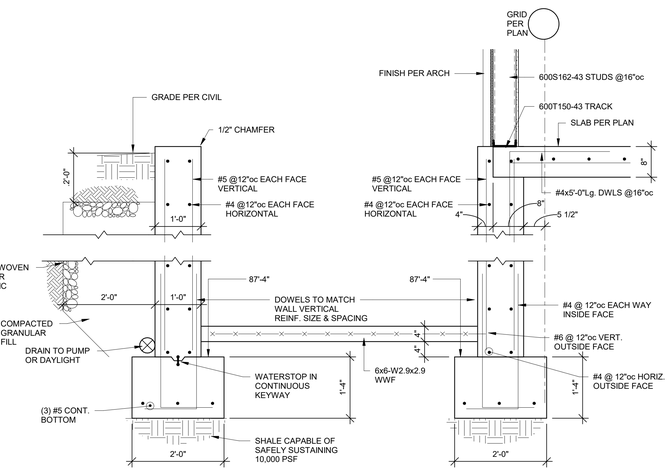
15 SECTION
3/4" = 1'-0"

10A,

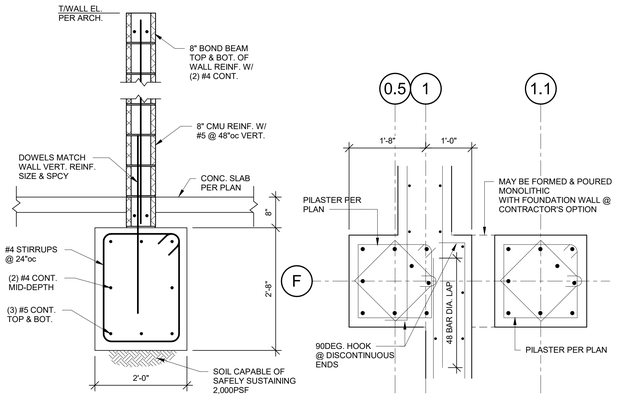




13 SECTION
3/4" = 1'-0"



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



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

17 DETAIL
3/4" = 1'-0"

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REVISIONS

8	REVISION 3	04.03.20

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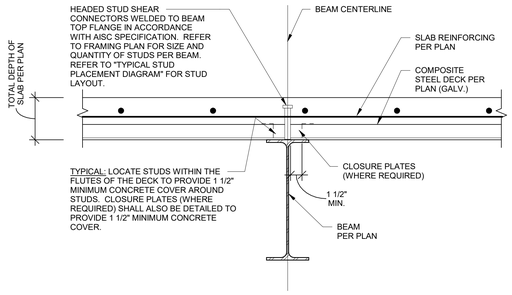
TR.i PROJECT NO. 18-046

SHEET NO.

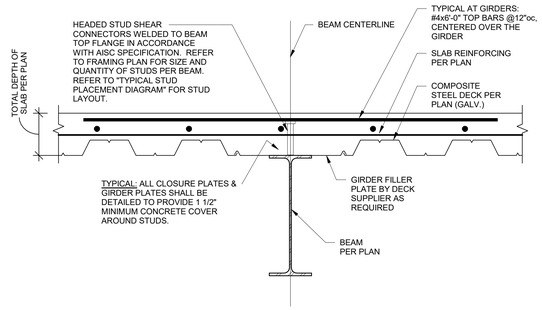
S200

FOUNDATION SECTIONS



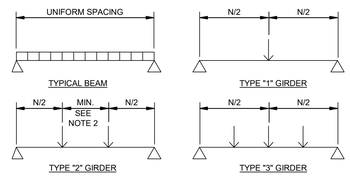
TYPICAL COMPOSITE BEAM DETAIL
(DECK SPAN PERPENDICULAR TO BEAM)

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



TYPICAL COMPOSITE BEAM/GIRDER DETAIL
(DECK SPAN PARALLEL TO BEAM)

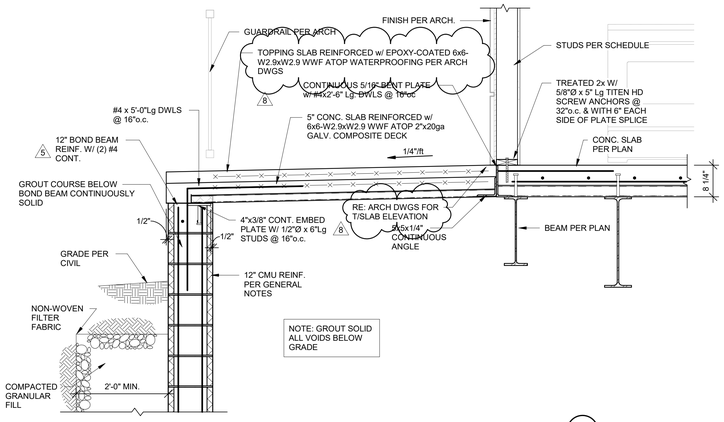
2 SECTION
1 1/2" = 1'-0"



TYPICAL STUD PLACEMENT DIAGRAM

1. ALL DIAGRAMS REPRESENT IDEALIZED CONDITIONS. ACTUAL FRAMING CONFIGURATIONS MAY REQUIRE ADDITIONAL INTERPRETATION.
2. MAXIMUM SPACING OF STUDS SHALL BE 36"o.c. IF STUD SPACING EXCEEDS 12" o.c. PROVIDE 5/8" DIA. PUDDLE WELD ATTACHMENT SUCH THAT THE MAXIMUM AVERAGE SPACING OF STUD/WELD ATTACHMENT IS 12"o.c., AND MAXIMUM SPACING BETWEEN ATTACHMENTS IS 18".
3. SHEAR CONNECTOR PLACEMENT SHALL BE FULLY DETAILED ON THE METAL DECK SHOP DRAWINGS.

3 TYPICAL STUD PLACEMENT
3/4" = 1'-0"



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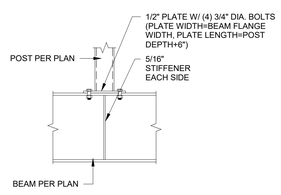
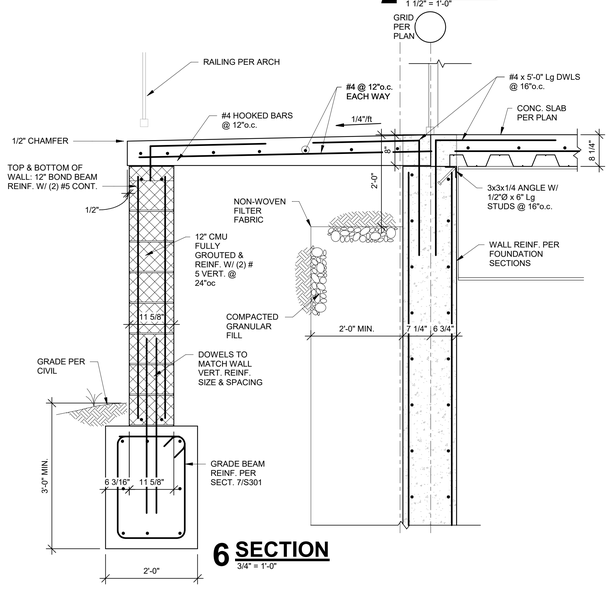


TYPICAL POST BASE CONNECTION

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



6 SECTION
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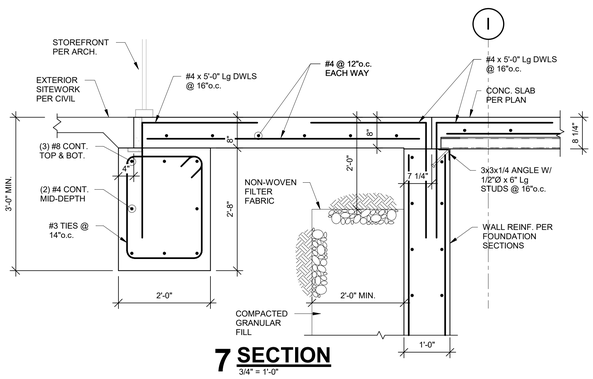

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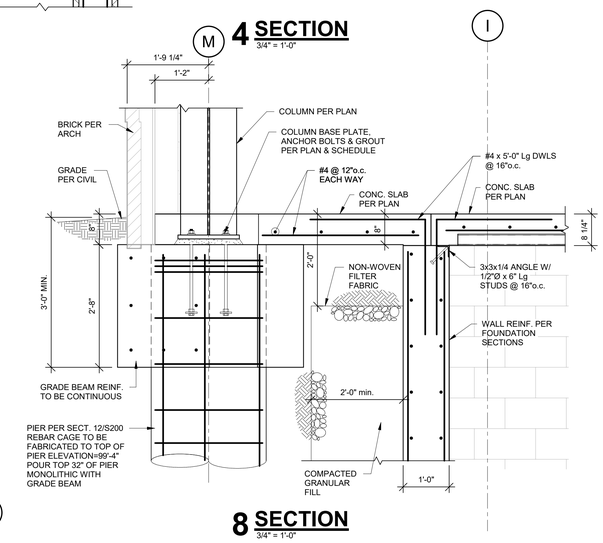

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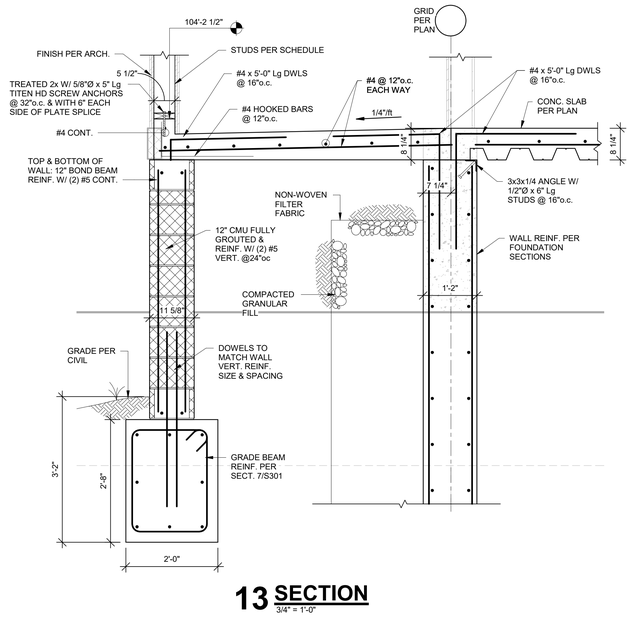

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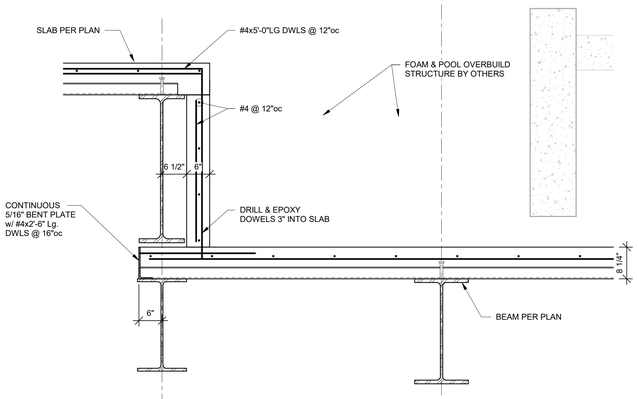
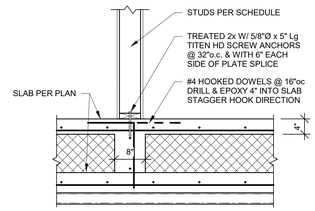
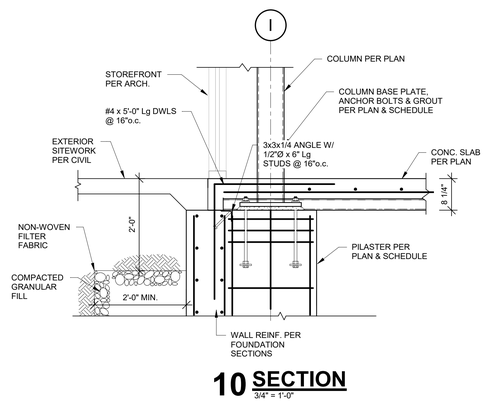


11 SECTION
3/4" = 1'-0"



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

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



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

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REVISIONS

5	STRUCTURAL REVISION 2	
8	REVISION 3	04.03.20

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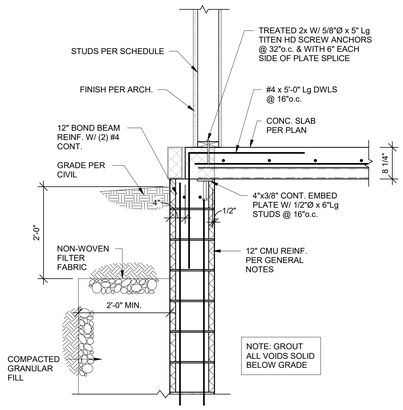
TR□i PROJECT NO. 18-046

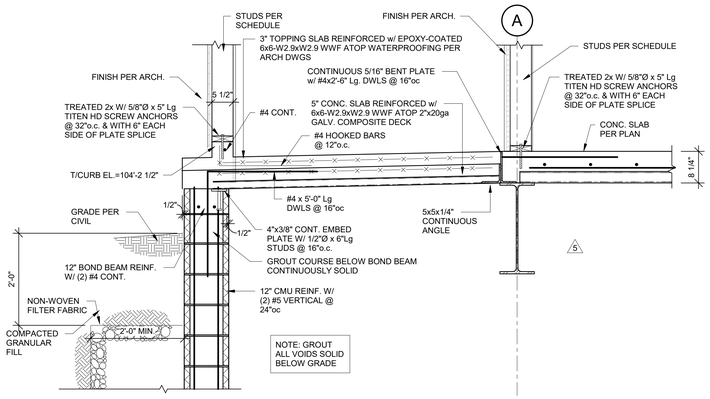
SHEET NO.

S301

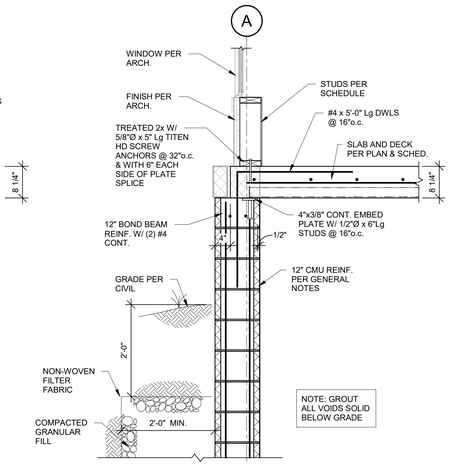
STEEL FRAMING SECTIONS



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



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



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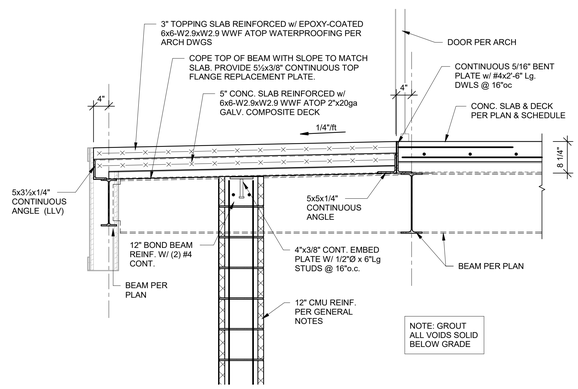

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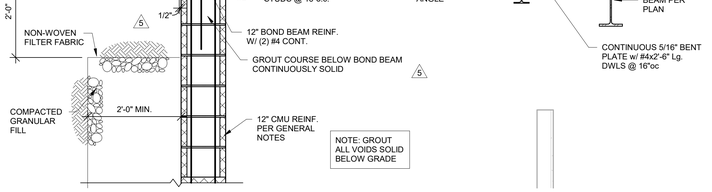

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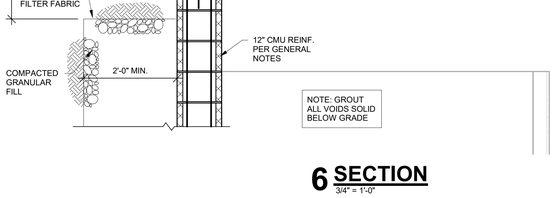
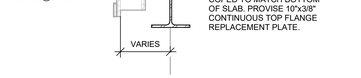
3/4" = 1'-0"

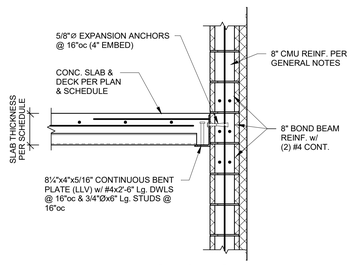


6 SECTION
3/4" = 1'-0"

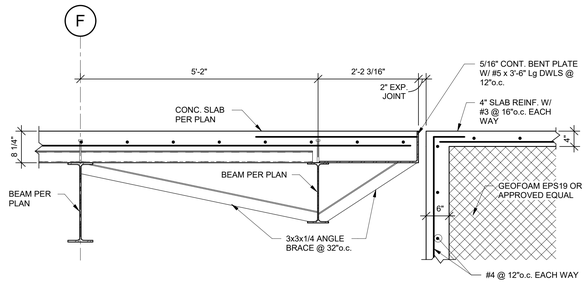
7 SECTION
3/4" = 1'-0"



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



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



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

CLIENT
ARCHITECT
STRUCTURAL ENGINEER
CIVIL ENGINEER
MECHANICAL ENGINEER
PLUMBING ENGINEER
ELECTRICAL ENGINEER

CLIENT NAME
TR.i Architects
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CIVIL
ENGINEER
PLUMBING
ELECTRICAL

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REVISIONS

5	STRUCTURAL REVISION 2	
8	REVISION 3	04.03.20

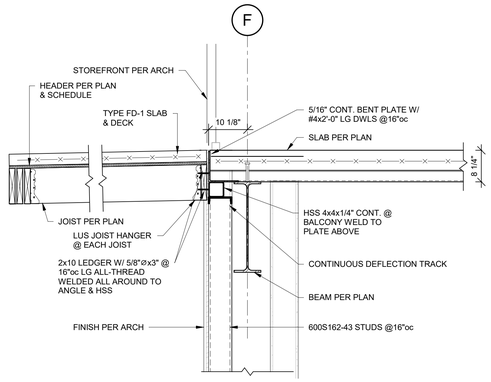
DWG BY Author

TR.i PROJECT NO. 18-046

SHEET NO.

S302

STEEL FRAMING SECTIONS



1 SECTION
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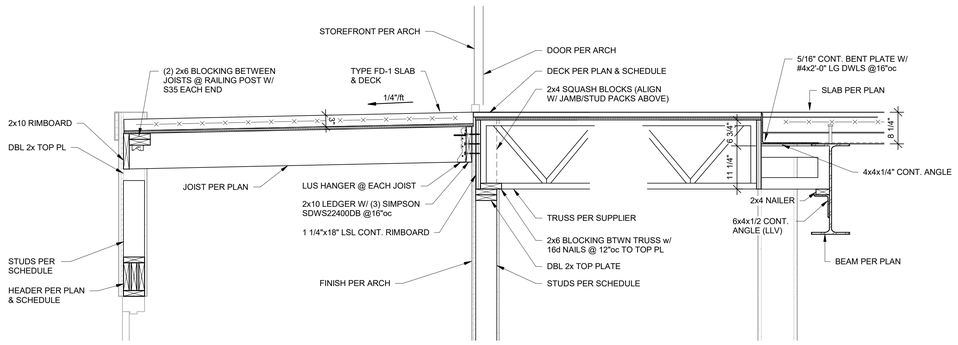

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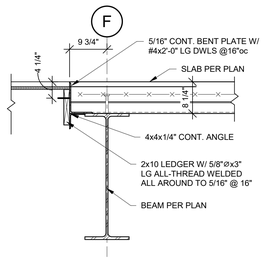

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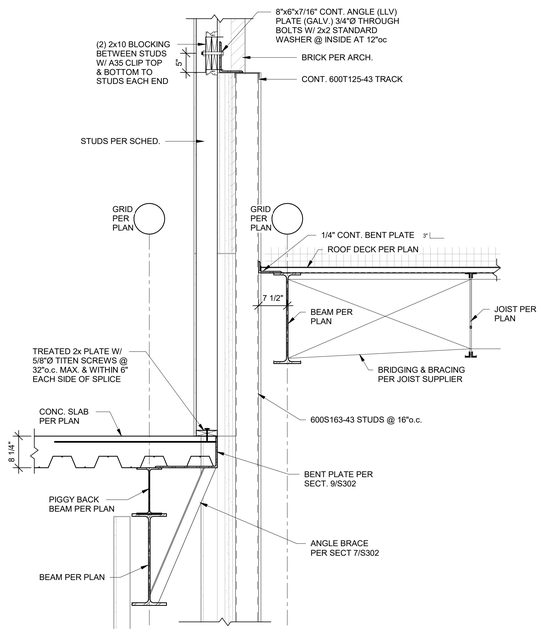
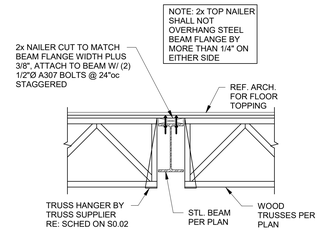
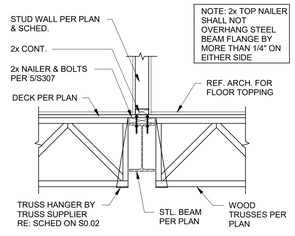


4 SECTION
3/4" = 1'-0"



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



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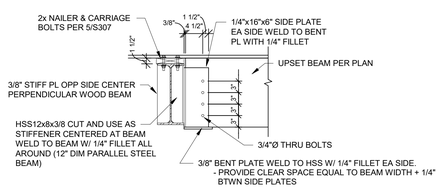

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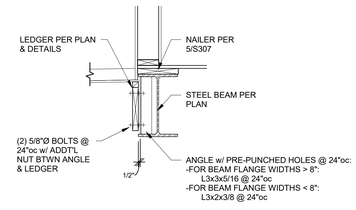
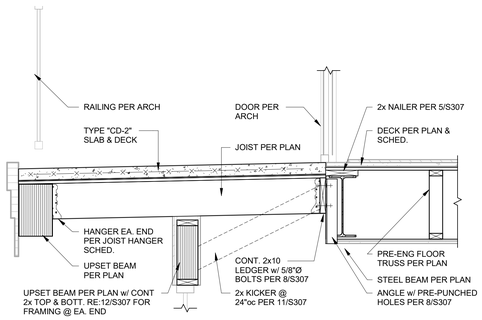
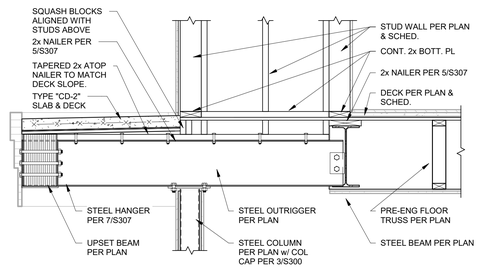
3/4" = 1'-0"



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



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



10A SECTION
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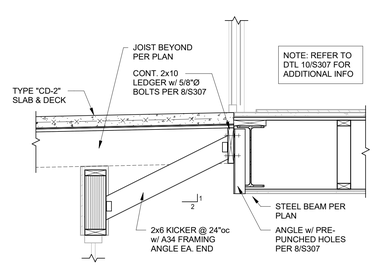

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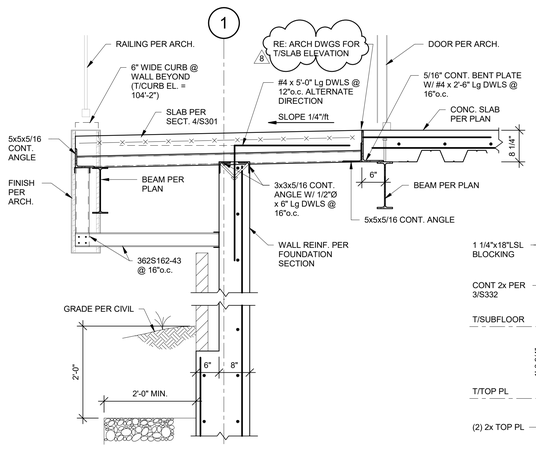
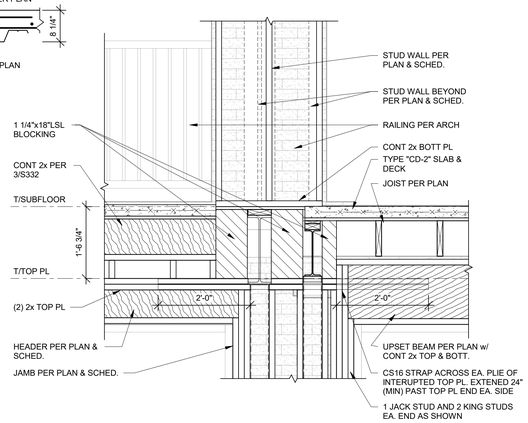


9 SECTION
3/4" = 1'-0"



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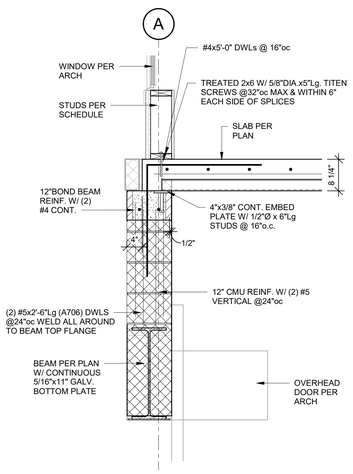
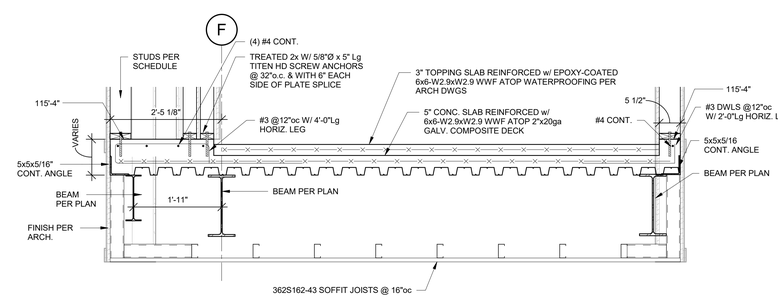
3/4" = 1'-0"



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



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

CLIENT
ARCHITECT
STRUCTURAL ENGINEER
CIVIL ENGINEER
MECHANICAL ENGINEER
PLUMBING ENGINEER
ELECTRICAL ENGINEER

CLIENT NAME
TR.i Architects
STRUCTURAL
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ENGINEER
PLUMBING
ELECTRICAL

STATE OF MISSOURI — JOHN A. HARTMAN — NUMBER PE-2010026312 — REGISTERED PROFESSIONAL ENGINEER — 3-31-2020

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REVISIONS 2

8	REVISION 3	04.03.20

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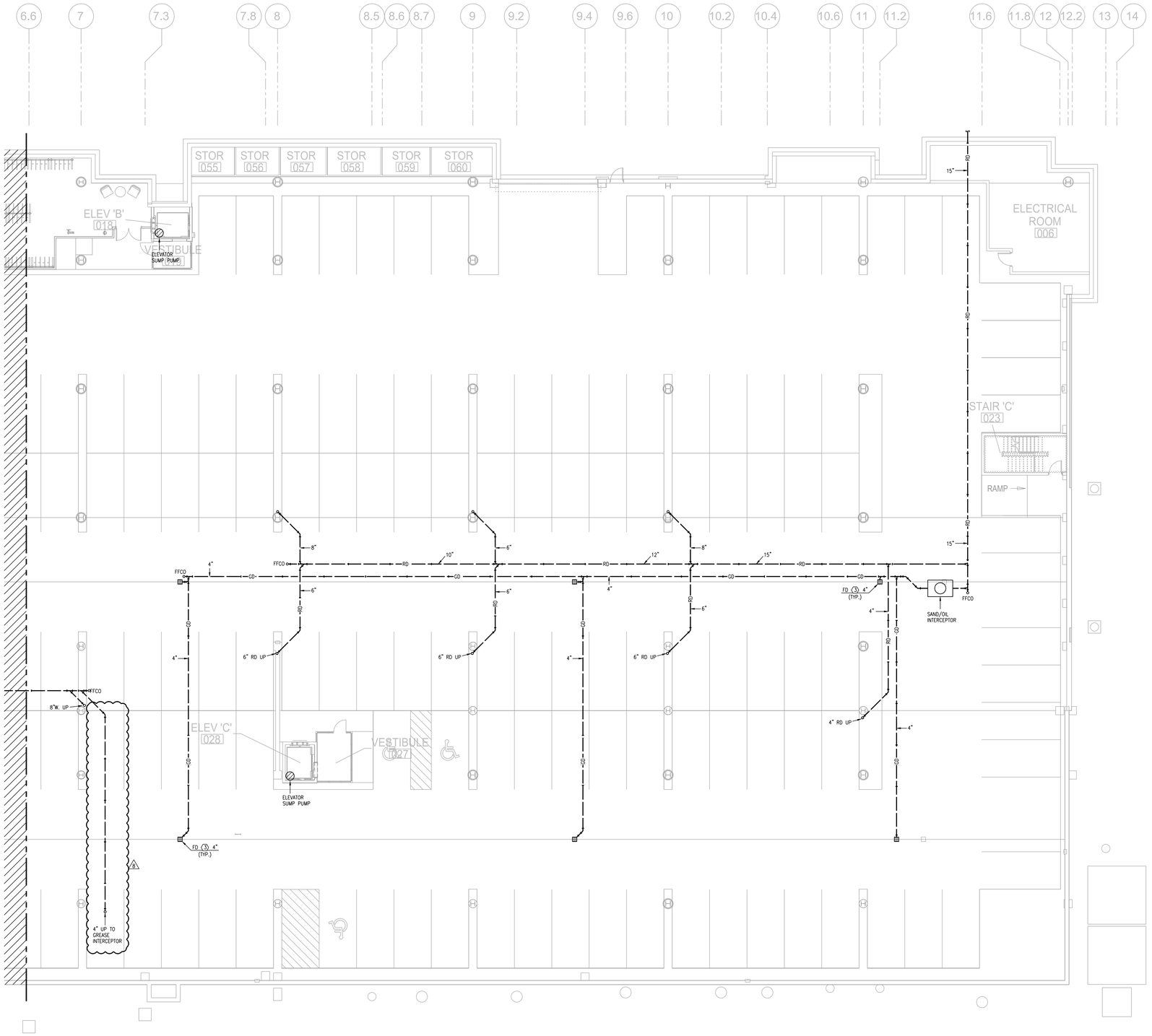
TR.i PROJECT NO. 18-046

SHEET NO.

S307

STEEL FRAMING SECTIONS



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.

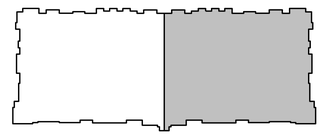
LEGEND:

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.

1 PARTIAL GARAGE PLAN

3/32"=1'-0" BELOW-GRADE PLUMBING

NORTH



KEY PLAN
NO SCALE

NORTH

STATE OF MISSOURI
RICHARD R. BEARDSLEE
PROFESSIONAL ENGINEER
4-3-20

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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DATE: 09.12.19

REVISIONS 4

1	PERMIT COMMENTS	09.06.19
4	REVISION 3	04.03.20

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TR¡ PROJECT NO. 18-046

SHEET NO.

P102

PARTIAL GARAGE PLAN - BELOW-GRADE PLUMBING

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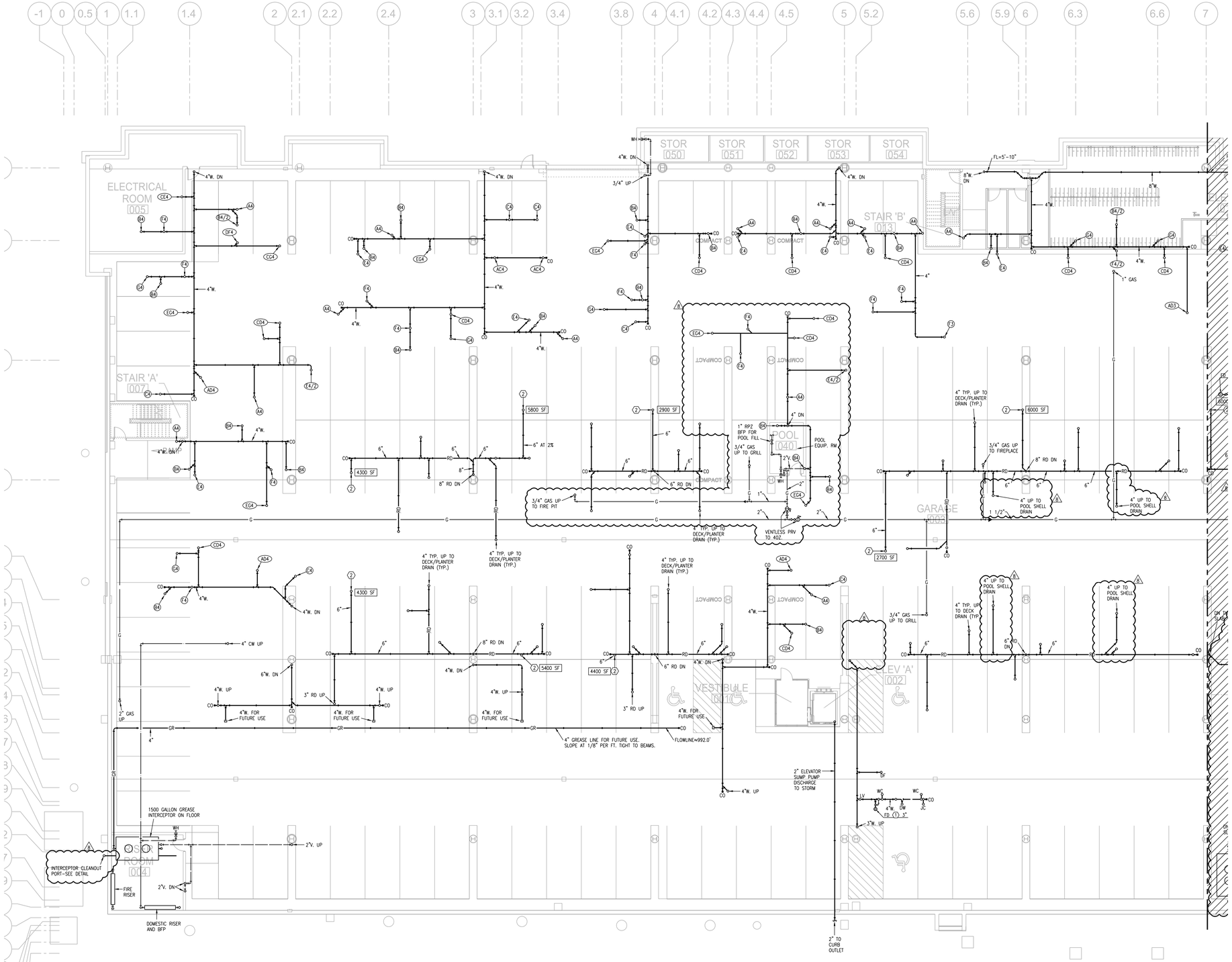
CONSULTING ENGINEERS
3639 SW Summerfield Drive, Suite A
Topeka, Kansas 66614-3974
Telephone: (785) 233-3232
FAX: (785) 233-0647
Email: lsapa@lsapa.com

LSA PROJECT NO. 1904023



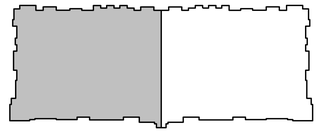
1 **PARTIAL GARAGE PLAN**
3/32"=1'-0"
PLUMBING
NORTH

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

STATE OF MISSOURI
RICHARD R. BEARDSLEE
PROFESSIONAL ENGINEER
4-3-20

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 2	1.24.20
4	REVISION 3	04.03.20

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TR¡ PROJECT NO. 18-046

SHEET NO.

P103

PARTIAL GARAGE PLAN - PLUMBING

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Latimer Sommers & Associates, P.A.
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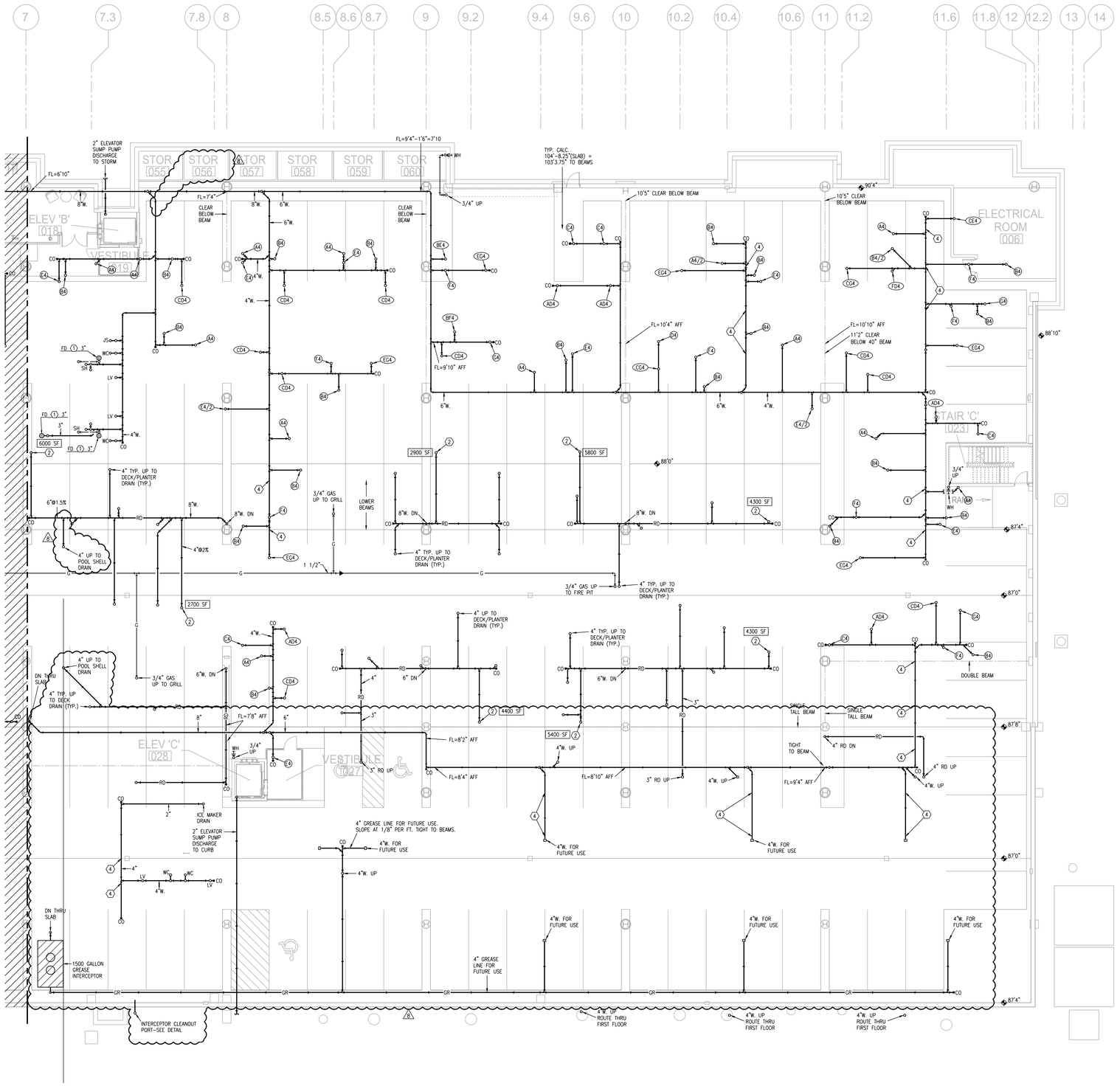
Topeka, Kansas 66614-3974
Telephone: (785) 233-3232
FAX: (785) 233-0647
Email: lsapa@lsapa.com

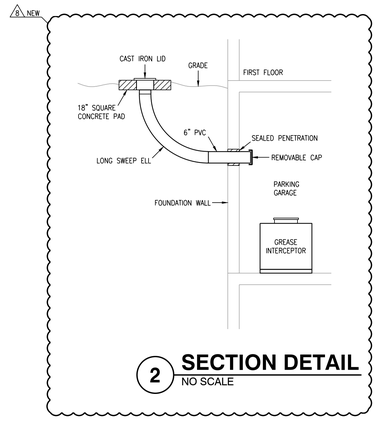
LSA PROJECT NO. 1904023



1 PARTIAL GARAGE PLAN

3/32"=1'-0" PLUMBING

NORTH



2 SECTION DETAIL

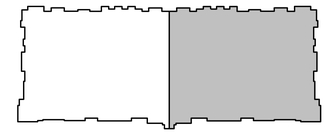
NO SCALE

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

STATE OF MISSOURI
RICHARD R. BEARDSLEE
NUMBER 2010018010
PROFESSIONAL ENGINEER
4-3-20

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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DATE: 09.12.19

REVISIONS 8

1	PERMIT COMMENTS	09.06.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	04.03.20

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

P104

PARTIAL GARAGE PLAN - PLUMBING

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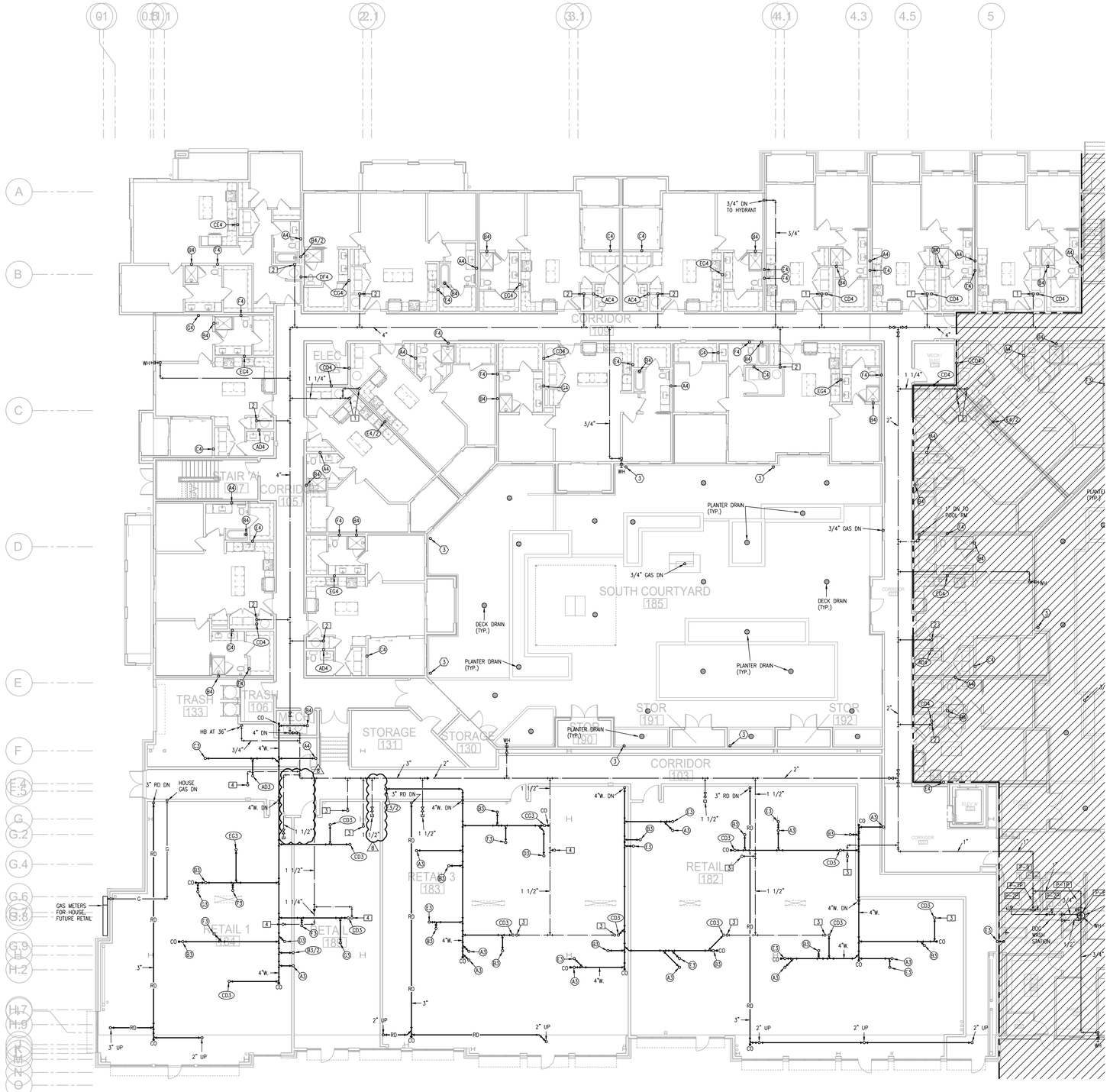
Topeka, Kansas 66614-3974
Telephone: (785) 233-3232
FAX: (785) 233-0647
Email: lsapa@lsapa.com

LSA PROJECT NO. 1904023

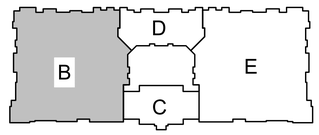


1 **FIRST FLOOR PLAN - AREA B** — PLUMBING
3/32"=1'-0"

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

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

STATE OF MISSOURI
RICHARD R. BEARDSLEE
PROFESSIONAL ENGINEER
4-3-20

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

1	PERMIT COMMENTS	09.06.19
2	REVISION 2	1.24.20
3	REVISION 3	04.03.20

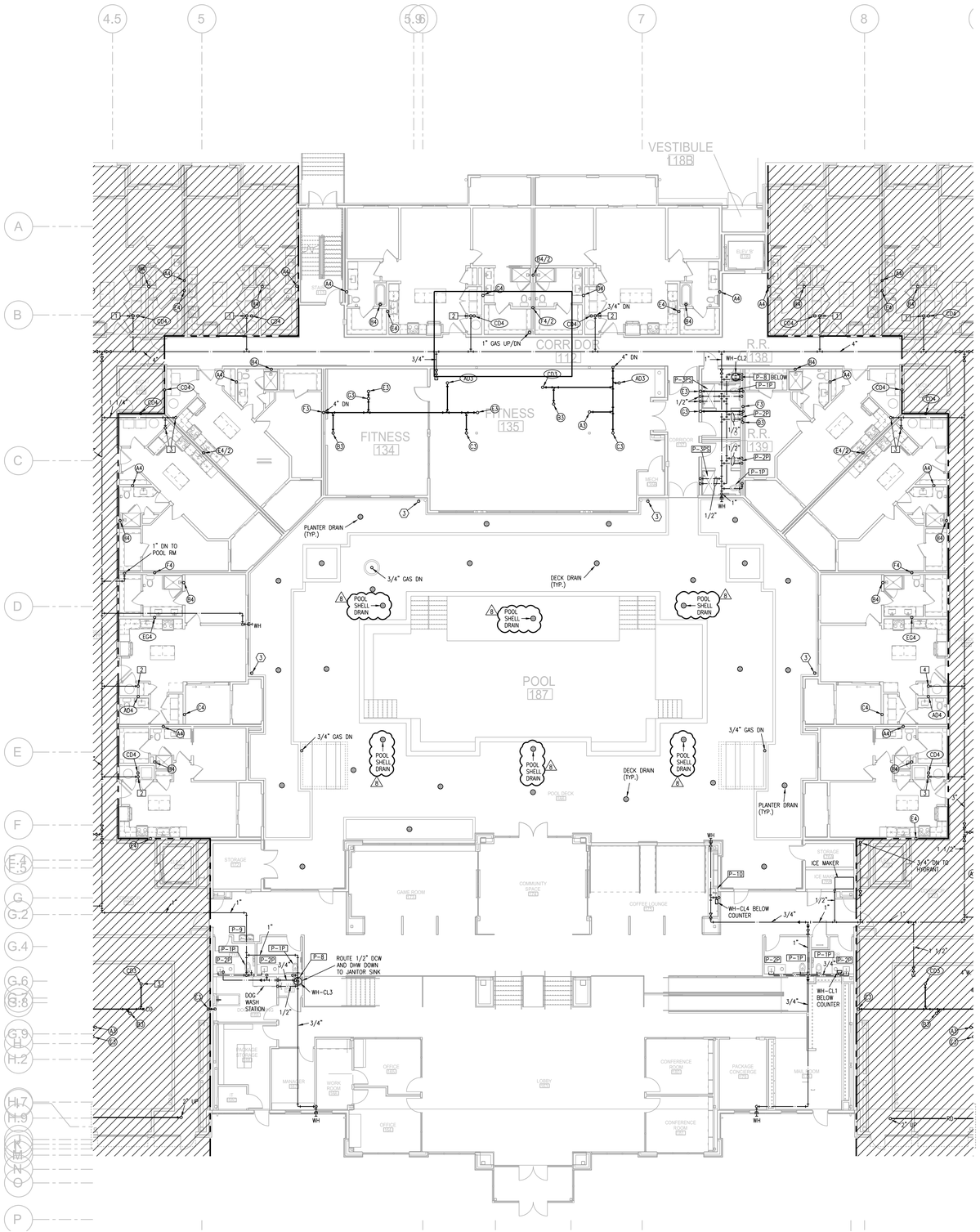
DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

P105

FIRST FLOOR PLAN - AREA B - PLUMBING

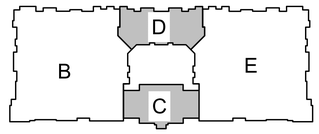


1 **FIRST FLOOR PLAN - AREA C/D**
3/32" = 1'-0" PLUMBING

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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STATE OF MISSOURI
RICHARD R. BEARDMORE
PROFESSIONAL ENGINEER
4-3-20

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RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL 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

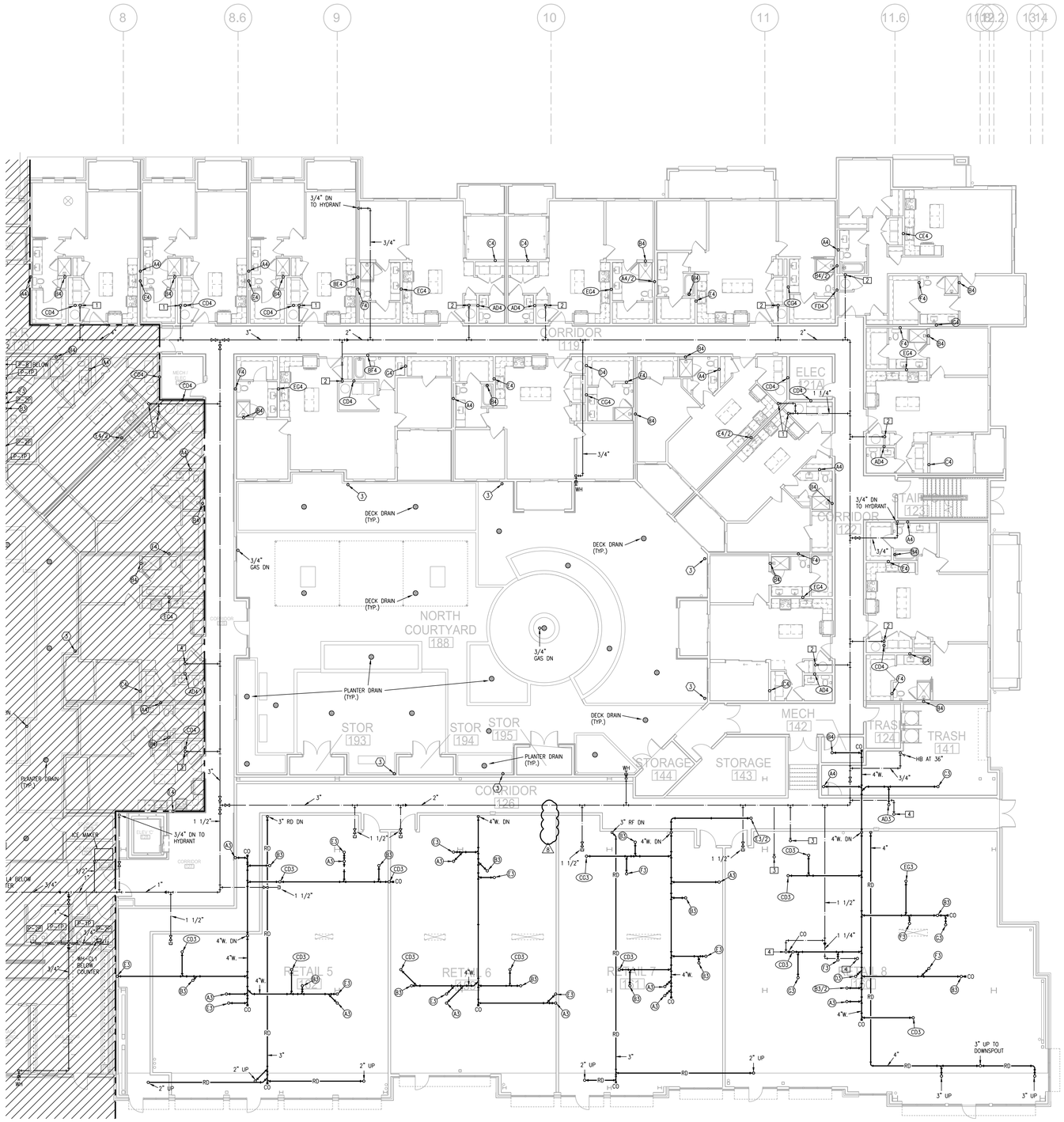
DWG BY RRB

TR.i PROJECT NO. 18-046

SHEET NO.

P106

FIRST FLOOR PLAN - AREA C/D - PLUMBING



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

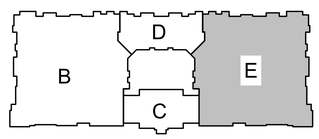
NORTH

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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BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
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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	BUILDING PERMIT COMMENTS	09.12.19
3	REVISION 3	04.03.20

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

P107

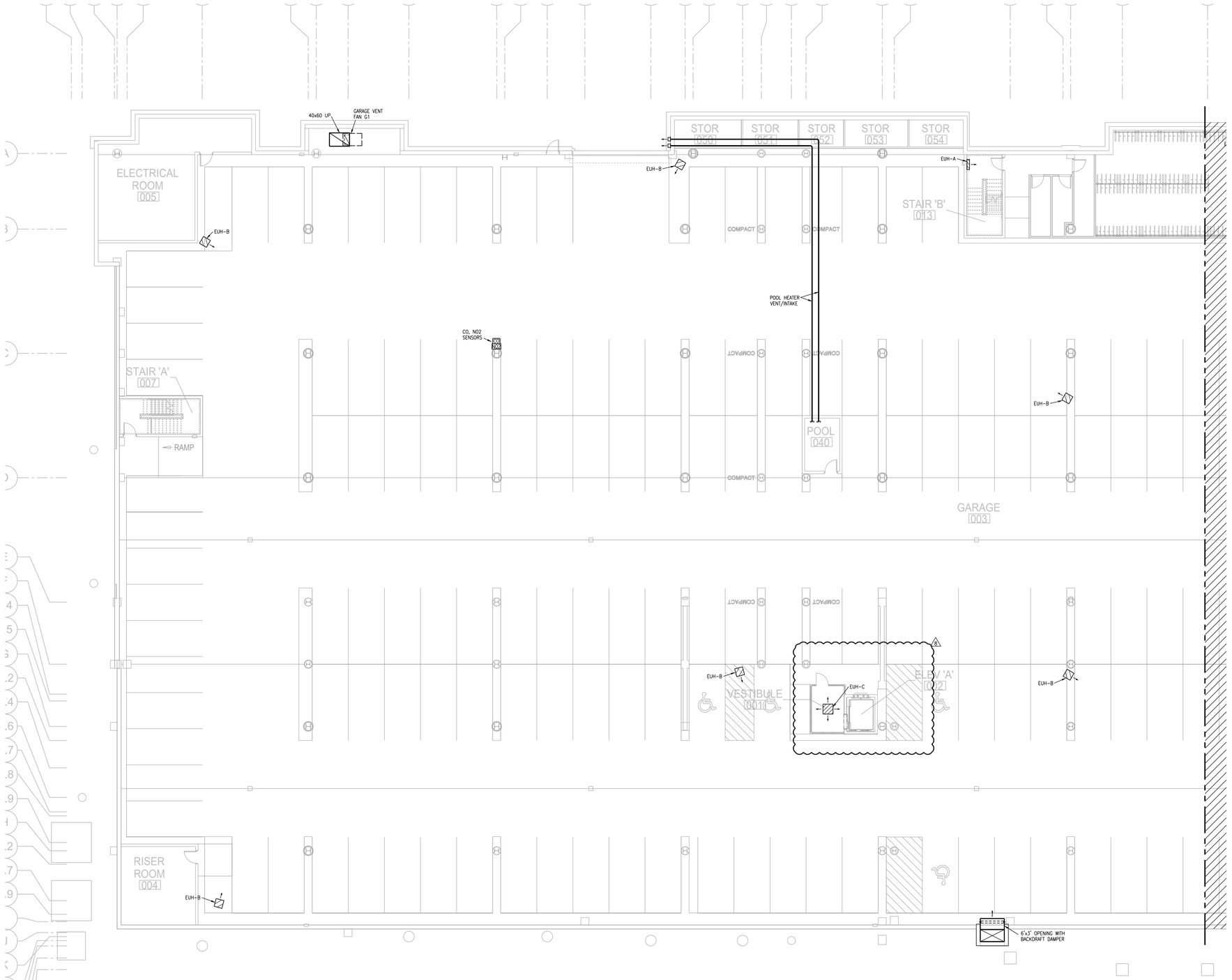
FIRST FLOOR PLAN - AREA E - PLUMBING

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:

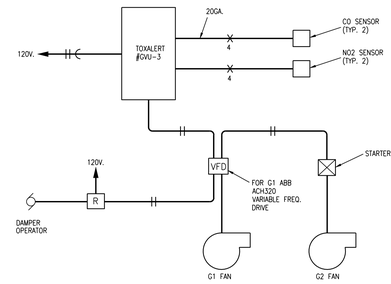
(1) OUTSIDE AIR CONTROL AND BALANCING DAMPER.
(2) DUCT WITH CRD AT RATED MEMBRANE.
(3) ROUTE COND. TO LAV TAILPIECE OR WASHER BOX.



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

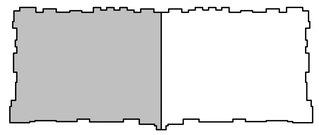
NORTH

SEQUENCE OF OPERATION - EF-G1 OPERATES AT MINIMUM SPEED FOR 1000 CFM CONTINUOUS OPERATION. CO AND NO2 SENSORS IN GARAGE WILL BRING G/1 AND G/2 TO FULL SPEED UNTIL SETPOINT MET.



2 PARKING GARAGE FAN CONTROL
NO SCALE

EQUIPMENT (INCLUDING VFD) BY M/C, WIRING BY E/C. SEE DRAWING FOR QUANTITY.



KEY PLAN
NO SCALE

NORTH

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REVISIONS

1	REVISION 1	12.20.19
3	REVISION 3	04.03.20

DWG BY RRB

TR,i PROJECT NO. 18-046

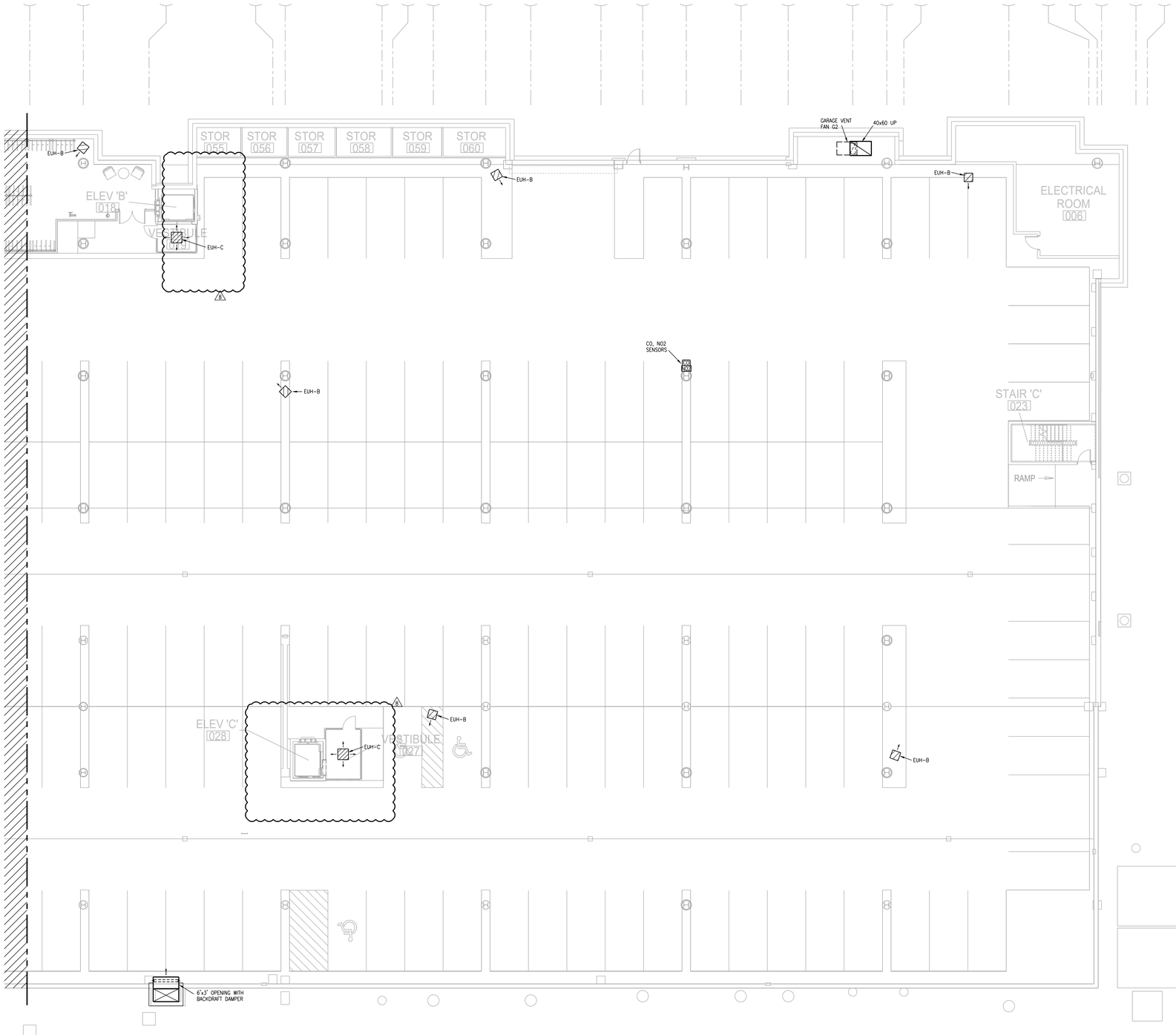
SHEET NO.

M101

PARTIAL GARAGE PLAN - HVAC

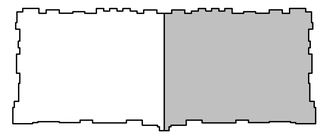
NOTES:
1. ALL INDIVIDUAL BRANCH DUCTS ARE THE SIZE OF THE DIFFUSER NECK LISTED AND HAVE A MANUAL BALANCING DAMPER WHERE NOT INTEGRAL WITH THE DIFFUSER.
2. SEE THE ARCHITECTURAL, LIGHTING AND STRUCTURAL DRAWINGS FOR CLEARANCES.
3. MAINTAIN 3 FEET CLEARANCE FROM EXHAUST DUCTS TO BUILDING OPENINGS AND 10 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 **PARTIAL GARAGE PLAN** — HVAC
3/32" = 1'-0"

NORTH



KEY PLAN
NO SCALE

NORTH

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DATE: 09.12.19

REVISIONS (6)

6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	04.03.20

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

M102

PARTIAL GARAGE PLAN - HVAC

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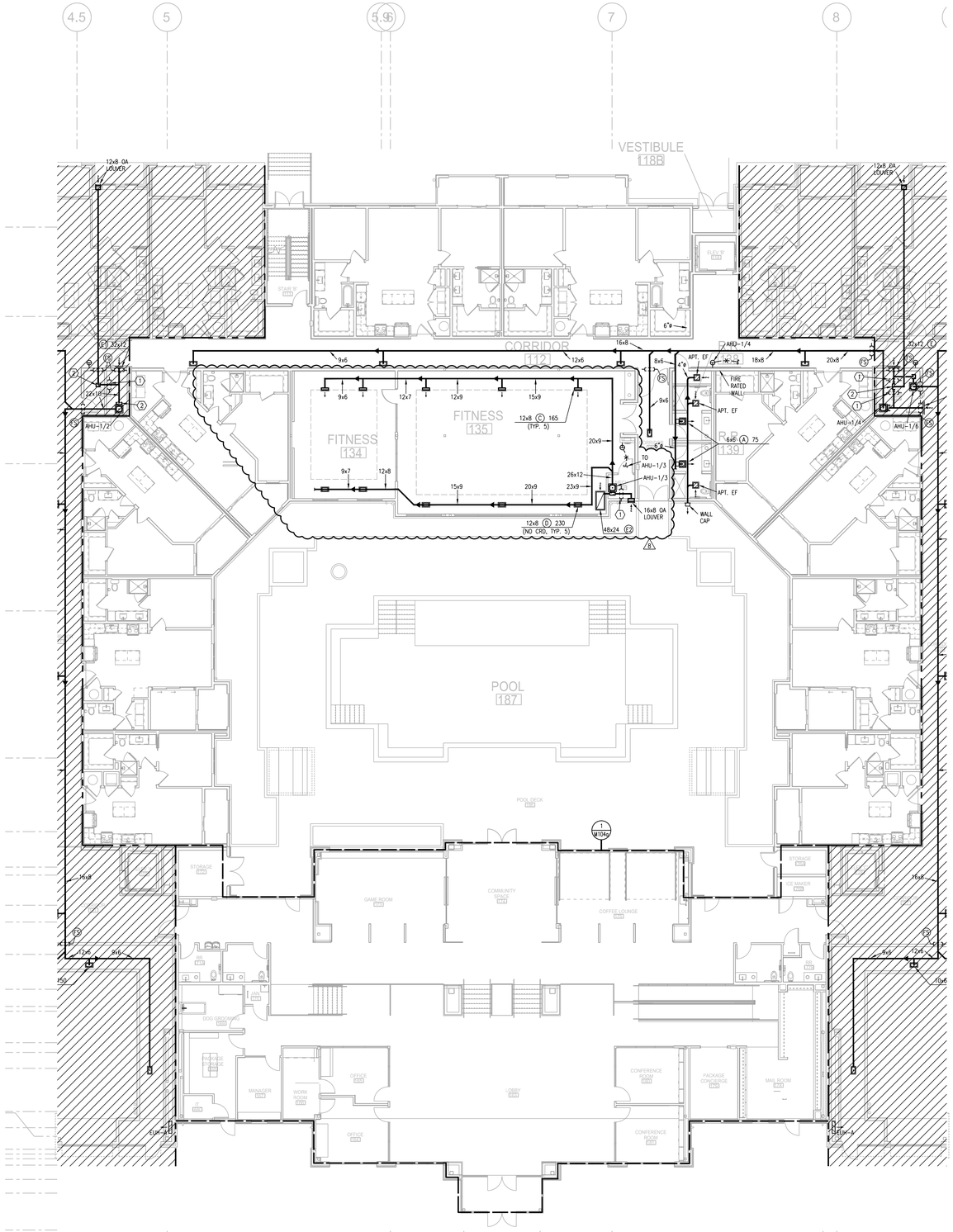
LSA PROJECT NO. 1904023



1 FIRST 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.
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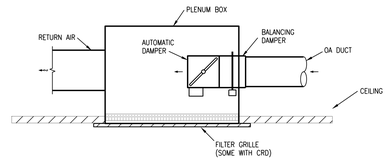
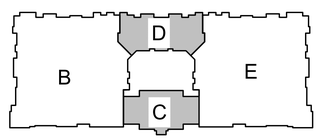


2 RETURN PLENUM DAMPER CONTROL

NO SCALE



KEY PLAN

NO SCALE

NORTH

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REVISIONS (A)

(1) REVISION 1	12.20.19
(3) REVISION 3	04.03.20

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TR;i PROJECT NO. 18-046

SHEET NO.

M104

FIRST FLOOR PLAN - AREA C/D - HVAC

HVAC SYSTEM SCHEDULE

MARK	MFGR	NOM TON	MODEL	CFM	OA CFM	E.S.P.	HP	SMBH	TMBH	HEAT CAP	ELEC	FLA	OCP	MFGR	MODEL	ELEC	FLA	OCP	SEER	NOTES
	AHU/RTU													OUTDOOR UNIT						
UNITS																				
A, B, C	GOODMAN	1 1/2	AWUF2408C14	600		0.5	0.2	12.4	17.4	5.6 KW	208/1	31	40	GOODMA N	GSX14018	208/1	14	20	14.0	
D1, D2, F	GOODMAN	2	AWUF2408C14	750		0.5	0.2	17.2	22.8	5.6 KW	208/1	31	40	GOODMAN	GSX14024	208/1	14	25	14.0	
G, H	GOODMAN	2 1/2	AWUF3010C14	950		0.5	0.33	20.6	27.4	7.5 KW	208/1	41	60	GOODMAN	GSX14030	208/1	15	30	14.0	
COMMON AREAS																				
1/1, 1/4, 1/7	GOODMAN	2 1/2	ARUF-31B14	850-950	100	0.5	0.33	20.0	27.0	7.5 KW	208/1	40	50	GOODMAN	GSX14-030	208/1	13.9	25	14.0	
1/3	GOODMAN	5	ARUF61D14	1650-1950	265	0.5	0.75	41	57.5	11.4 KW	208/1	57	70	GOODMAN	GSX14-0601	208/1	26.3	50	14.0	
2/1, 3/1, 4/1, 2/2, 3/2,4/2, 2/3, 3/3, 4/3, 2/4, 3/4, 4/4, 2/5, 3/5	GOODMAN	2	ARUF25B14	600-800	100	0.5	0.33	17.0	23.2	7.5 KW	208/1	40	50	GOODMAN	GSX14025	208/1	14	25	14.0	
1/5	Removed																			
1/2, 1/6	GOODMAN	3	ARUF-37C14	1350	160	0.4	FR	25.8	33	7.5 KW	208/1	40	50	GOODMAN	GSX14-037	208/1	15	30	14.0	
RTU - 1 THRU 4, 6	TRANE	5	TSC060E1E	1675-1880	SEE TABLE	0.7	1	47	60	17.3 KW	208/3	55	70							
RTU - 5	TRANE	3	TSC036E1E	1000	SEE TABLE	0.5	1	26	36	9 KW	208/3	31	40							
DSS-G1, G2, G3	FUJITSU	1	AUU9RLF	300	0	0			9	12	208/1/5	W/HP		FUJITSU	AOU9RLFC	208/230/1	5	20	20.0	WALL STAT, LOW AMB
DSS	FUJITSU	1 1/2	ASU18RLF	540	0	0			18	23 MBH	208-240/1	W/HP		FUJITSU	ASU18RLF	208-240/1	13	25	19	WALL STAT, LOW AMB
DSS-4/1, 4/2, 4/3	FUJITSU	2	ASU24RLF	700	0	0			22	25 MBH	208/1	W/HP		FUJITSU	AOU24RXLFW1	208-240/1	15.5	25	19	WALL STAT, LOW AMB

NOTE: PROVIDE LONG LINE ACCESSORY KIT ON ALL SPLIT SYSTEMS THAT EXCEED MFGRS LIMITS

ELECTRIC UNIT HEATER SCHEDULE

MARK	MFGR	MODEL	KW	MBH	CFM	ELECTRICAL VOLTS/ PH	FLA	OCP	WIRING	CONFIGURATION - NOTES
EUH - A	BERKO	FRA-4024	3.0	10.2	100	208/1	12	20	(3) #12	WALL, 1, 4, 5
EUH - B	BERKO	HUHAA-1520	15.0	51.0	910	208/3	42	60	(2)#8 (1)#10	SUSPENDED, 4, 7
EUH-B2	BERKO	HUH-520	5.0	17.0	270	208/1	25	35	(2) #8, (1) #10	SUSPENDED, 4, 6
EUH-B3	BERKO	HUHTA-524TA	1.9	6.4	270	208/1	8	20	(3) #12	SUSPENDED, 4, 6
EUH - C	BERKO	SRC-1512	1.5	5.1	65	120/1	12	20	(3) #12	CEILING, 1, 4, 6
EUH-D	BERKO	EFF4004	3.0	10.2	150	208/1	12	20	(3) #12	CEILING, 3, 4, 5

NOTES:
1-SURFACE MOUNTED
2-SEMI-RECESSED
3-FULLY RECESSED
4-DISCONNECT
5-INTEGRAL TSTAT
6-WALL TSTAT
7 - MOUNT TSTAT ON BACK OF UNIT

AIR TERMINAL DEVICE SCHEDULE

MARK	MANUFACTURER	MODEL	FINISH	DAMPER	FRAME TYPE	NOTES
A	AIR MATE	A190	WHITE	YES	GYP BD	
B	AIR MATE	170	WHITE	NO	GYP BD	
B1	AIR MATE	280 FF	WHITE	NO	GYP BD	
C	AIR MATE	240 V-O	WHITE	YES	GYP BD	
D	PRICE	620DAL/N/L/A/B12	WHITE	YES	GYP. BD.	W/CRD
E	PRICE	635/N/L/A/B12	WHITE	NO	GYP. BD.	
E1	PRICE	635DAL/L/A/B12	WHITE	YES	GYP. BD.	
F	PRICE	AMD/6/4A/B12	WHITE	NO	GYP. BD.	W/CRD
G	PRICE	TBD/7/B12 1-slot 1-way	WHITE	NO	GYP BD	W/PLASTER FRAME

FAN SCHEDULE

MARK	MFGR	MODEL	CFM	ESP	FAN HP	ELECTRICAL VOLT S/ PH	FL A	OCP	WIRING	CONFIGURATIO N - NOTES
EF - 1/1, 1/4	GREENHECK	SQ-100-B	600	0.25	0.16	120/1	3	15	(3) #12	in-line, 2, 3
EF-1/2, 1/3, 1/5,1/6	AIR KING	FRAK80H	80	0.1	Fr.	120/1	1	15	(3) #12	ceiling, 1
EF-G1, G2	GREENHECK	44 USF-400-AR	38000	0.5	15	208/3	48	90	(3) #2 AL	utility, 4
APT EF	AIR KING	FRAK80H	80	0.1	Fr.	120/1	1	15	(3) #12	ceiling, 1
APT EF2	AIR KING	FRAK50S	50	0.1	Fr.	120/1	1	15	(3) #12	ceiling, 1
EF-1/7	GREENHECK	SP-A90	100	0.1	Fr.	120/1	1	15	(3) #12	ceiling, 1

NOTES:
1-CEILING GRILLE, DS, WALL/ROOF CAP
2-BD DAMPER, DS, SPEED CONTROLLER, WALL/ROOF CAP
3-BD DAMPER, DS, VIBRATION ISOLATORS, IN LET GUARD
4-VFD/DS, VIBRATION ISOLATION BASE, STARTER, CO/NO2 SENSING SYSTEM
5-BD DAMPER, DS, VFD, VIBRATION ISOLATORS

PLUMBING FIXTURE SCHEDULE

Mark	Item	Model	Description	Individual Connections W	V	CW	HW	Accessories Supplies	Stops	Carrier	P-Trap	Drain	Other
P-1	Water Closet, Tank Type	ProFlo #PF1401T	Floor-mounted standard height white vitreous china elongated bowl 1.6 gpf gravity type with Fluidmaster 400A flush mechanism and bolt covers. Provide molded wood closed front elongated white seat with integral bumpers, external check hinges with stainless steel posts. Type P-1P has open front white seat.	3" or 4"	2"	1"		2					
P-1H, P-1HP	Accessible Water Closet, Tank Type	ProFlo #1403T	Floor-mounted ADA height white vitreous china elongated bowl 1.6 gpf gravity type with Fluidmaster 400A flush mechanicsm and bolt covers. Provide molded wood closed front elongated white seat with integral bumpers, external check hinges with stainless steel posts. Type P-1HP has white open front seat.	3" or 4"	2"	1"		2					
P-1P	Accessible Water Closet, Flush Valve	Proflo #PF1723 with Sloan Regal 111 SFSM	Floor-mounted ADA height white vitreous china elongated bowl 1.28 gpf automatic flush valve. Provide solid plastic open front elongated white seat with integral bumpers, external check hinges with stainless steel posts.	3" or 4"	2"	1"							
P-2, 2H	Lavatory, Countertop	ProFlo #PF20174 with Peerless #P136PF-M	20" x 17" oval vitreous china countertop lavatory with overflow. Faucet is 4" o.c. single lever ADA handle, copper waterways, chrome finish, 1.5 GPM, metal pop-up.	2"	1 1/2" or 2"	1/2"	1/2"	2	1		1	1	
P-2P	Lavatory, Countertop	Proflo #20171WH with Peerless #P136LF	20"x17" oval vitreous china countertop lavatory with overflow. Faucet is ADA compliant, 1.2 GPM.	2"	1 1/2" or 2"	1/2"	1/2"	2	1		1	1	
P-2W	Lavatory, Wall hung	Proflo #PF5511WH with Peerless #P136LF	ADA compliant, wall hung, single hole 20"x18" oval vitreous china lavatory with overflow. Faucet is ADA compliant, 1.2 GPM.	2"	1 1/2" or 2"	1/2"	1/2"	2	1		1	1	
P-3	Bathtub	Kohler #K-715/6 with Delta #R-10000-UNT13420	60" x 36" x 20" tall non-slip basin and tub overflow and turn and lift stop with finish to match faucet. Pressure-balanced single handle chrome valve, 1.5 gpm showerhead, tub spout with pull-up diverter. Provide future grab bar blocking. Water Sense label.	2"	2"	1/2"	1/2"				2, 4		
P-3S1	Shower	Aquarius G4236 with Peerless #PTT188780	42" x 36" white fiberglass reinforced plastic/acrylic non-slip basin with surround, soap dishes. Pressure-balanced single handle valve, 2.0 gpm chrome showerhead, drain to match.	2"	2"	1/2"	1/2"				2		
P-3S2	Shower	Aquarius G4836 with Peerless #PTT188780	48" x 36" white fiberglass reinforced plastic/acrylic non-slip basin with surround, soap dishes. Pressure-balanced single handle valve, 2.0 gpm chrome showerhead, drain to match.	2"	2"	1/2"	1/2"				2		
P-3PS	Shower	Freedom Showers #APF6033BFPAN C with Moen T8346	60" x 33" white fiberglass reinforced plastic/acrylic non-slip basin. Compressable rubber threshold. Handheld ADA sprayer.	2"	2"	1/2"	1/2"				2		
P-4	Kitchen Sink	ProFlo #PFUE206 with Peerless #P188103LF	Stainless steel under-mount 20 ga.dual bowl 33" x 22" x 8" deep. Single handle faucet with pull-out sprayer. Evergrind Model E101 disposer with cord/plug.	2"	2"	1/2"	1/2"	1	1		2	2	
P-4H	Accessible Kitchen Sink	Elkay ELUHAD281655 with Delta 16968	Stainless steel under-mount 20 ga.dual bowl 33" x 22" x 6" deep with back outlet. Single handle faucet with pull-out sprayer. ISE Badger 1 disposer with cord/plug. Install per ADA clearnaces.	2"	2"	1/2"	1/2"	1	1		2	2	
P-5	Washer Box	Guy Gray #WB2000HATM	Recessed non-metallic with dual PVC/ABS 2" outlets, two angle quarter turn stops with built-in shock absorbers.	2"	2"	1/2"	1/2"	1			3		
P-6	Water Outlet Box	Guy Gray #BM877QTS	Recessed non-metallic with two angle quarter turn stops.			1/2"		1					
P-7	Urinal	American Standard #6561.017	White vitreous china wall hung with 3/4" top spud, 1.0 gallon siphon jet flushing action. Mount rim per Architectural elevation.	2"	2"	3/4"		3		1	1	2	
P-8	Janitor's Sink	Fiat #MSB-2424	24" x 24" x 10" white molded stone with stainless steel integral drain, chrome plated brass wall mounted faucet with VB, integral stops, adjustable wall brace, pail hook, 3/4" hose threaded spout.	2" or 3"	2"	1/2"	1/2"				2		2
P-9	Accessible Dual Height Fountain with Bottle Filler	Elkay #LZSTL8WSLK	ADA wall-mounted water station including bubbler and bottle-filler, side and front push buttons.	2"	1 1/2" or 2"	1/2"		2	1		2		
P-10	Undercounter Sink	Elkay ELUHAD281655/L KGT2041	18 ga. Undermount 31.5"x18.5"x5.5" deep stainless steel sink with strainer and st. stl. finish single handle chrome, brass body, ceramic disc pull out sprayer 1.75 gpm faucet. This is to be an ADA installation.	2"	1 1/2" or 2"	1/2"	1/2"	1	1		2	2	

Supplies
1 - Flexible braided stainless steel
2 - Flexible braided compression hose.
3 - Zurn #ZER0003-CP 1.0 gpf diaphragm type.
4 - Provide tempering valve below sink set at 110 deg

Stops 1 - Angle handle compression

Carrier 1 - Steel tube floor-mounted in-wall carrier with arms

P-Trap
1 - PVC with deep escutcheon
2 - PVC
3 - deep seal PVC trap and 30" standpipe.

Drain
1 - Metal pop-up with tailpiece
2 - Basket strainers in finish to match faucet, tailpiece.

WATER HEATER SCHEDULE

MARK	MFGR	MODEL	FUEL	VOLTAGE/PH/ AMPS	INPUT	EFFICIENCY/ PF	GALLONS STORAGE	GPH RECOVERY @ 80° RISE	FLUE TYPE	EXPANSION	CIRCULATOR GPM/HD	NOTES
WH-CL1, CL5	A.O. SMITH	EMT-2.5	ELEC	120/1/13	1.4 KW	N/A	2.5	7	N/A	RELIEF V.		1, 2
WH-CL2, WH-CL3	A.O. SMITH	ECLN-40	ELEC	208/1/19	4.5 KW	0.95	38	23	N/A	2 GAL TANK		1, 2, 3
CL4	A.O. SMITH	EJC-6	ELEC	120/1/13	1.5 KW	N/A	2.5	7	N/A	RELIEF V.		1, 2
TYP APT	A.O. SMITH	ECLN-40	ELEC	208/1/19	4.5 KW	0.95	38	23	N/A			1, 2, 3

NOTES
1- PROVIDE ASME P&T VALVE, DRAIN VALVE
2- PROVIDE COMBINATION STOP AND OPERATING PRESSURE RELIEF VALVE
3- LOW TYPE

DRAIN SCHEDULE

MARK	APPLICATION	MFGR	MODEL	BODY MATL	DEPTH	GRATE MATL	GRATE SHAPE	ACCESSORES
APT FD	FLOOR	SIOUX CHIEF	842	ABS/PVC	3"	NICKEL BRONZE	6" SQUARE	2
FD-1	FLOOR	ZURN	ZN-415S	COATED CAST IRON	3"	NICKEL BRONZE	6" ROUND	1, 2
FD-2	FLOOR	ZURN	Z-611-S	COATED CAST IRON	6"	COATED CAST IRON	9" SQUARE	1, 2, 3
FD-3	FLOOR - GARAGE	ZURN	Z-534-Y	COATED CAST IRON	3"	COATED CAST IRON	12" ROUND	6
RD-1	ROOF	SIOUX CHIEF	868	ABS/PVC	6"	POLY	DOME	
RD-2	ROOF	SIOUX CHIEF	868-STP2	ABS/PVC	6"	POLY	DOME	5
TRENCH	TRENCH	ABT	POLYDRAIN	POLYMER CONCRETE	6"	EPOXY CTD DUCTILE	6" WIDTH	4

ACCESSORIES:
1 - DEEP TRAP, ADJUSTABLE GRATE
2 - USE WIDE FLANGE MODEL WHERE IN WOOD CONSTRUCTION
3 - INTERNAL STRAINER
4 - SLOPED TO END , MEDIUM DUTY GRATE
5 - 2" DAM FOR OVERFLOW SERVICE
6 - SEDIMENT BUCKET

STATE OF MISSOURI
RICHARD R. BEARDMORE
NUMBER
PROFESSIONAL ENGINEER
4-3-20

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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DATE: 09.12.19

REVISIONS 6

5 REVISION 3	04.03.20

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

MP104

MECHANICAL SCHEDULES

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LSA PROJECT NO. 1904023

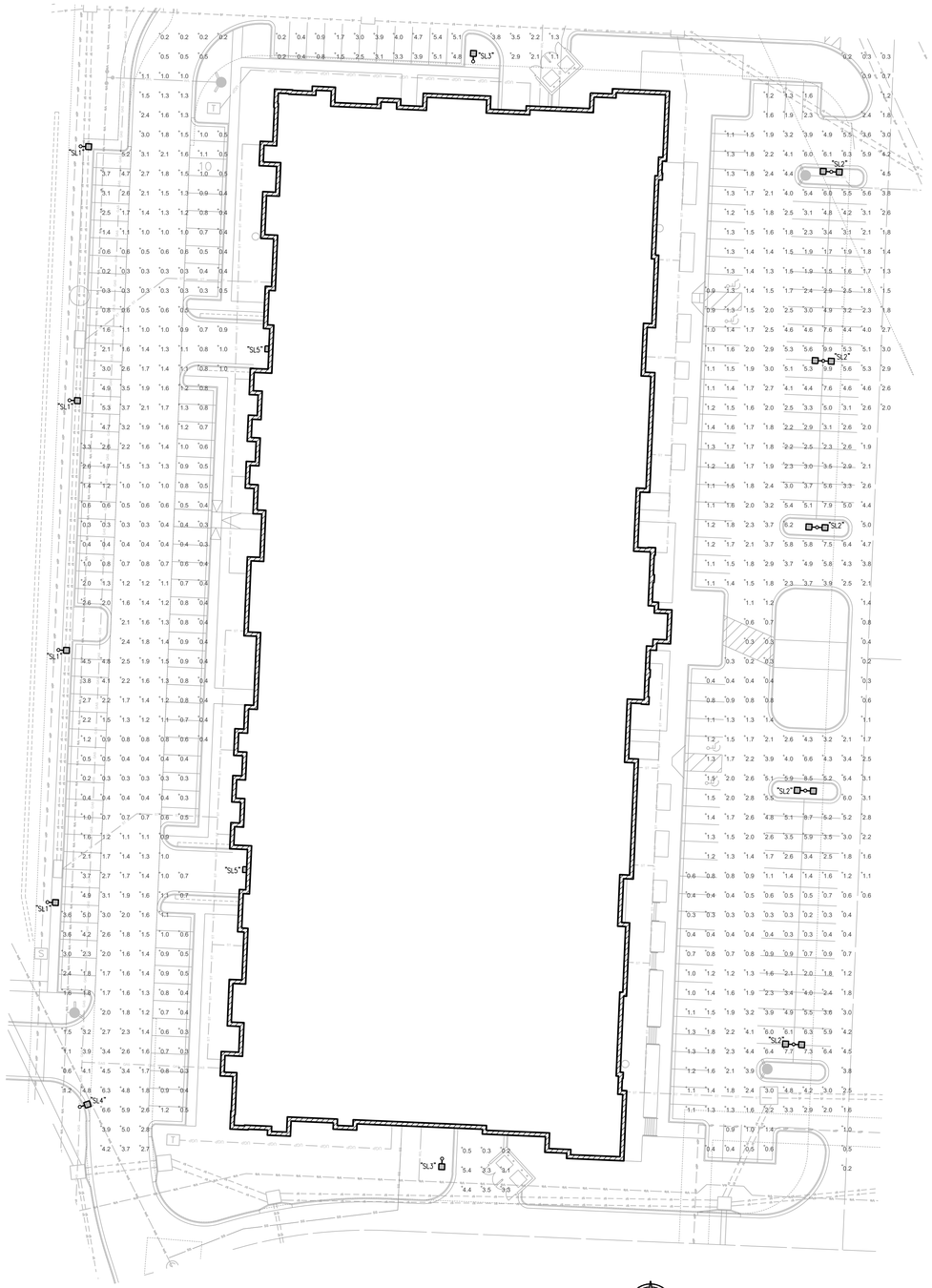
SITE LIGHT FIXTURE SCHEDULE

MARK	MANUFACTURE	MODEL NUMBER	MOUNTING			FINISH	LAMPS					REMARKS
			RECESS	SURFACE	WALL		LED	FLOUR.	HID	CODE	QUANTITY	
SL1	COOPER	GLEON-AF-03-LED-E1-T4FT		POLE		BRONZE	X			20,515LUM/191W	1	1
SL2	COOPER	(2) GLEON-AF-03-LED-E1-T4FT		POLE		BRONZE	X			20,515LUM/191W	2	1
SL3	COOPER	GLEON-AF-03-LED-E1-SL2		POLE		BRONZE	X			19,977LUM/191W	1	1
SL4	COOPER	GLEON-AF-03-LED-E1-T3R		POLE		BRONZE	X			19,713LUM/191W	1	1
SL5	COOPER	ISC-E02-LED-E1-BL3		X	X	BRONZE	X			5,503LUM/55W	1	2

REMARKS
1 MOUNT ON 25' STRIGHT SQUARE STEEL MATCHING POLE.
2 MOUNT AT 12' AFG.

STATISTICS

Description	Avg	Max	Min	Max/Min	Avg/Min
PARKING LOT	2.0 FC	9.9 FC	0.2 FC	49.5:1	10:01



1 SITE PHOTOMETRIC PLAN
1" = 30'-0"

NORTH

McGraw-Edison

DESCRIPTION

The Gleon™ LED luminaire delivers exceptional performance in a highly scalable, low-profile design. Patented, high-efficiency AccuLED Optics™ system provides uniform and energy conscious illumination to walkways, parking lots, roadways, building areas and security lighting applications. IP66 rated and UL/cUL Listed for wet locations.

		Type
Catalog #		"SL1", "SL2", "SL3", "SL4"
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction
Extruded aluminum driver enclosure thermally isolated from Light Squares for optimal thermal performance. Heavy-wall, die-cast aluminum end caps enclose housing and die-cast aluminum heat sinks. A unique, patent pending interlocking housing and heat sink provides scalability with superior structural rigidity. 3G vibration tested and rated. Optional tool-less hardware available for ease of entry into electrical chamber. Housing is IP66 rated.

Optics
Patented, high-efficiency injection-molded AccuLED Optics technology. Optics are precisely designed to shape the distribution maximizing efficiency and application spacing. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K (+/- 275K) CCT 70 CRI. Optional 3000K, 5000K and 6000K CCT.

Electrical
LED drivers are mounted to removable tray assembly for ease of maintenance. 120-277V 60/60Hz, 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480Y/Wye systems only. Standard with 0-10V dimming. Shipped standard with Eaton proprietary circuit module designed to withstand 10kV of transient line surge.The Galleon LED luminaire is suitable for operation in -40°C to 40°C ambient environments. For applications with ambient temperatures exceeding 40°C, specify the HA (High Ambient) option. Light Squares are IP66 rated. Greater than 90% lumen maintenance expected at 60,000 hours. Available in standard 1A drive current and optional 600mA, 800mA and 1200mA drive currents (nominal).

Mounting
STANDARD ARM MOUNT:
Extruded aluminum arm includes internal bolt guides allowing for easy positioning of fixture during mounting. When mounting two or more luminaires at 90° and 120° apart, the EA extended arm may be required. Refer to the arm mounting requirement table. Round pole adapter included. For wall mounting, specify wall mount bracket option. QUICK MOUNT ARM: Adapter is bolted directly to the pole. Quick mount arm slide into place on the adapter and is secured via two screws, facilitating quick and easy installation.The versatile, patent pending, quick mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the quick mount arm enables wiring of the fixture without having to access the driver compartment. A knock-out enables round pole mounting.

Finish
Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Heat sink is powder coated black. Standard housing colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available.

Warranty
Five-year warranty.

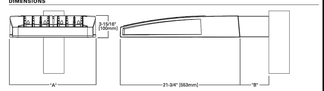
GLEON
GALLEON LED

1-10 Light Squares
Solid State LED

AREA/SITE LUMINAIRE

Luminaire Technology LED 3000

DIMENSIONS



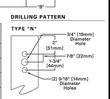
DIMENSION DATA

Number of Light Squares	"A" Width	"B" Standard Arm Length	"B" Optional Arm Length 1	Weight with Arm (lbs.)	EPA with Arm 1 (Sq. Ft.)
1-4	15-1/2" (394mm)	7" (178mm)	10" (254mm)	33 (15.0 kgs.)	0.80
5-6	21-5/8" (549mm)	7" (178mm)	10" (254mm)	44 (20.0 kgs.)	1.00
7-8	27-5/8" (702mm)	7" (178mm)	13" (330mm)	54 (24.5 kgs.)	1.07
9-10	33-3/4" (857mm)	7" (178mm)	16" (406mm)	63 (28.6 kgs.)	1.12

NOTES: 1. Optional arm length to be used when mounting two fixtures at 90° on a single pole. 2. EPA calculated with optional arm length.

DRILLING PATTERN

TYPE "N"



CERTIFICATION DATA
UL/cUL Listed
Design Lights Consortium® Qualified*
IP66 Rated
ISO 9001
LM79 / LM80 Compliant
UL/cUL Wet Location Listed

ENERGY DATA
Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120V-277V 50/60Hz & 60Hz, 347V/60Hz, 480V/60Hz
-40°C Minimum Temperature
40°C Max. Temperature
50°C Max. Temperature (HA Option)

EATON
Powering Business Worldwide

*www.designlights.org

TD500020EN
June 3, 2019 11:11 AM

McGraw-Edison

DESCRIPTION

The Impact Elite family of wall luminaires is the ideal complement to site design. Incorporating modular LightSquares technology, the Impact Elite luminaire provides outstanding uniformity and energy-conscious illumination. Combined with a rugged construction, the Impact Elite luminaire is the ideal facade and security luminaire for zones surrounding schools, office complexes, apartments and recreational facilities. UL/cUL listed for wet locations.

		Type
Catalog #		"SL5"
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction
Heavy-wall, die-cast aluminum housing and removable hinged door frame for precise tolerance control and repeatability. Hinged door inset for clean mating with housing surface and secured via two captive fasteners. Optional tamper-resistant Torx™ head fasteners offer vandal resistant access to the electrical chamber.

Optics
Choice of 10 patented, high-efficiency AccuLED Optics™ distributions. Optics are precisely designed to shape the light output, maximizing efficiency and application spacing. AccuLED Optics technology creates consistent distributions with the scalability to meet customized application requirements. Offered Standard in 4000K (+/- 275K) CCT and minimum 70 CRI. Optional 3000K, 5000K and 5700K CCT.

Electrical
LED drivers mount to die-cast aluminum back housing for optimal heat sinking, operation efficacy, and prolonged life. Standard drivers feature electronic universal voltage (120-277V 50/60Hz), 347V 60Hz or 480V 60Hz operation, greater than 0.9 power factor, less than 20% harmonic distortion, and are suitable for operation in -40°C to 40°C ambient environments. All fixtures are shipped standard with 10kV/10kA common – and differential – mode surge protection. LightSquares feature an IP66 enclosure rating and maintain greater than 90% lumen maintenance at 60,000 hours per IESNA TM-21. Emergency egress options for -20°C ambient environments and occupancy sensor available.

Mounting
Gasketed and zinc plated rigid steel mounting attachment fits directly to 4" j-box or wall with the Impact Elite "Hook-N-Lock" mechanism for quick installation. Secured with two captive corrosion resistant black oxide coated allen head set screws concealed but accessible from bottom of fixture.

Finish
Cast components finished in a five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available. Consult the McGraw-Edison Architectural Colors brochure for the complete selection.

Warranty
Five-year warranty.

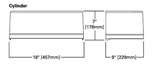
ISC/ISS/IST/ISW
IMPACT ELITE LED

1 LightSquare
Solid State LED

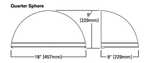
WALL MOUNT LUMINAIRE

DIMENSIONS

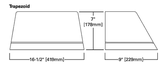
Cylinder



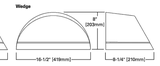
Quarter Sphere



Trapezoid



Wedge



HOOK-N-LOCK MOUNTING

CERTIFICATION DATA
UL/cUL Listed
LM79 / LM80 Compliant
IP66 LightSquare
Design Lights Consortium® Qualified*
ISO 9001

ENERGY DATA
Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120V-277V 50/60Hz, 347V/60Hz, 480V/60Hz
-40°C Minimum Temperature
40°C Ambient Temperature Rating

SHIPPING DATA
Approximate Net Weight:
18 lbs. (8 kgs.)

EATON
Powering Business Worldwide

*www.designlights.org

TD514030EN
July 23, 2019 4:13 PM

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LSA PROJECT NO. 1904023

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NUMBER 2010018751
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4-3-20

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RENAISSANCE INFRASTRUCTURE CONSULTING

GENERAL CONTRACTOR
BRINKMANN CONSTRUCTORS

MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES

PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES

ELECTRICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES

Pearl COMPANIES

Summit at West Pryor

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DATE: 09.12.19

REVISIONS 6

2	FDP RESUBMITTAL	09.11.19
6	REVISION 3	04.03.20

DWG BY RRB

TR.i PROJECT NO. 18-046

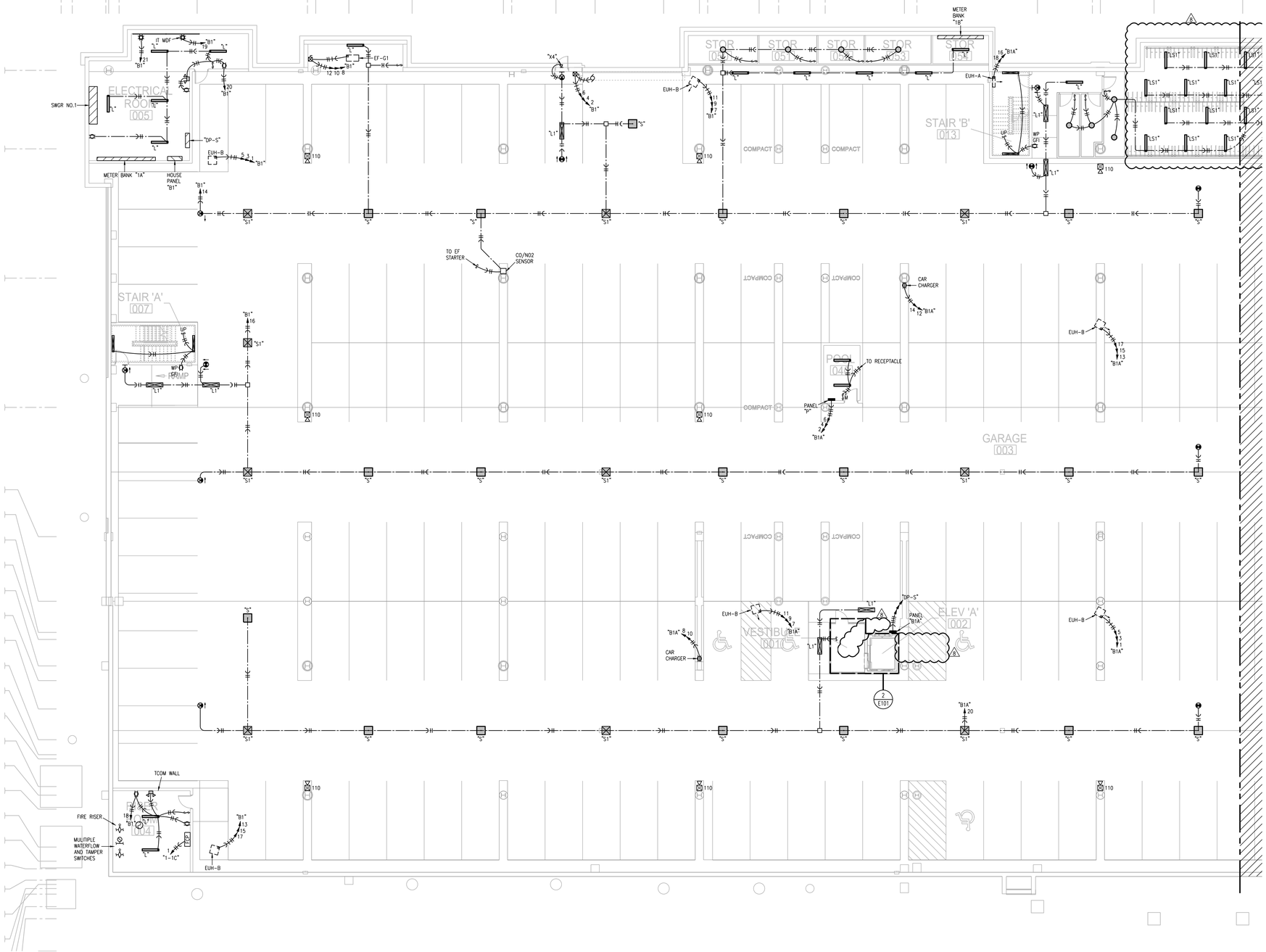
SHEET NO.

E001

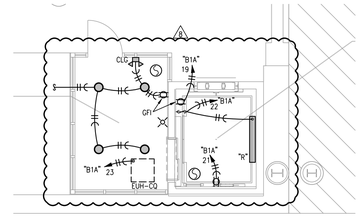
SITE PHOTOMETRIC PLAN

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.

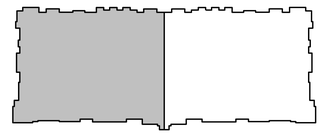
LEGEND:
(1) TO LIGHTING CONTROL PANEL.



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. BEARDMORE NUMBER PROFESSIONAL ENGINEER
4-3-20

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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www.trarchitects.com

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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
DWG BY	RRB
TR¡ PROJECT NO.	18-046

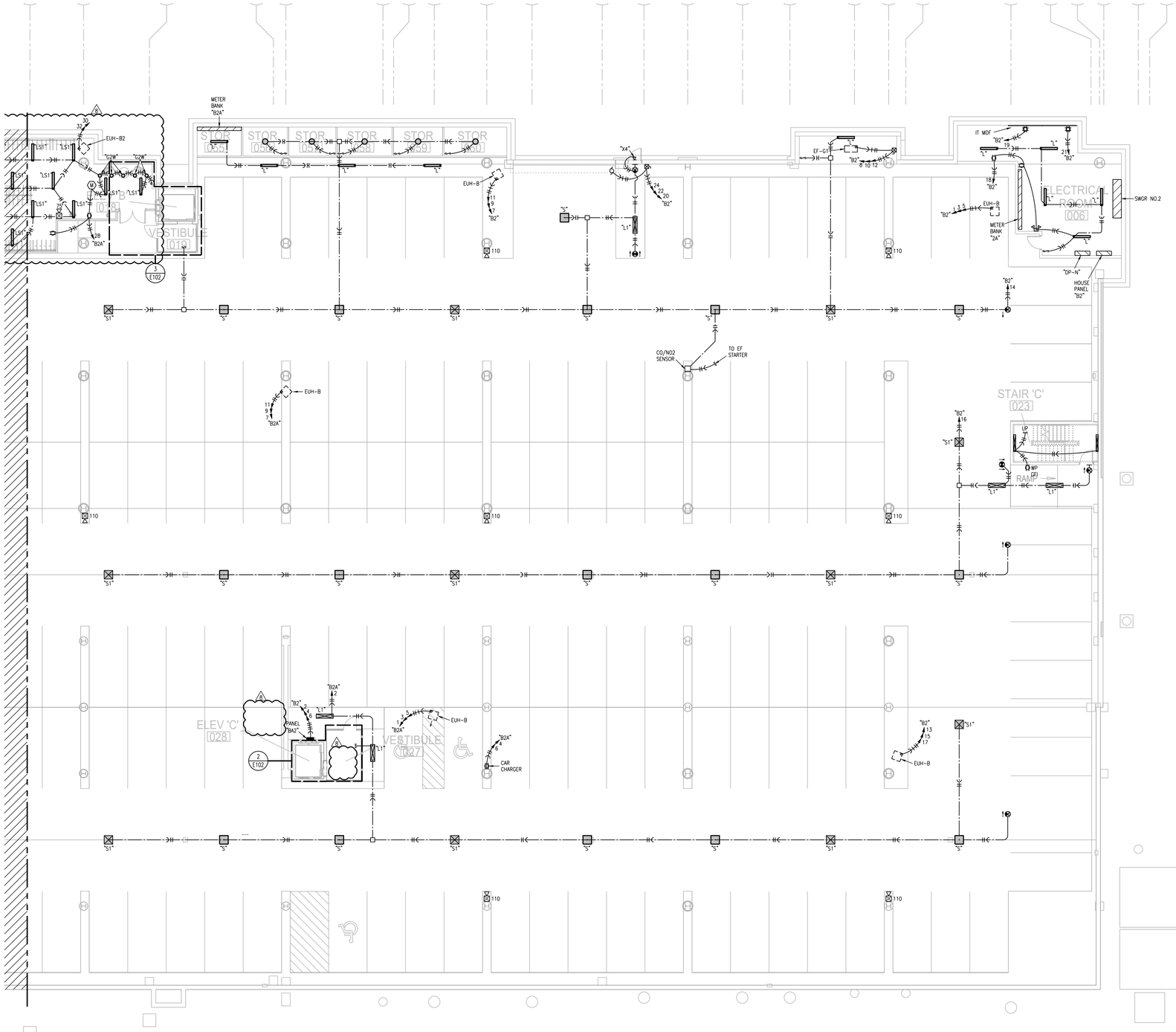
SHEET NO.

E101

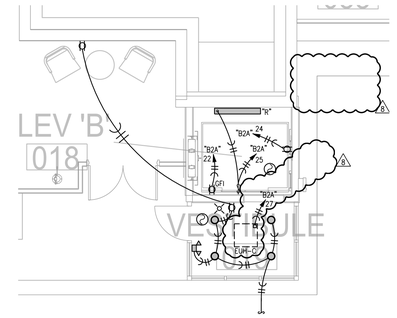
PARTIAL GARAGE PLAN - ELECTRICAL

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.

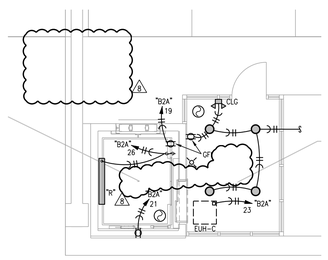
LEGEND:
(1) TO LIGHTING CONTROL PANEL.



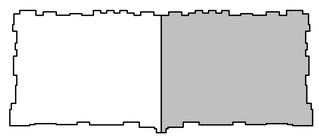
1 PARTIAL GARAGE PLAN
3/32"=1'-0" ELECTRICAL NORTH



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



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



KEY PLAN
NO SCALE NORTH

STATE OF MISSOURI
RICHARD R. BEARDSLEE
NUMBER 2010018751
PROFESSIONAL ENGINEER
4-3-20

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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www.triarchitects.com

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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

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

E102

PARTIAL GARAGE PLAN - ELECTRICAL

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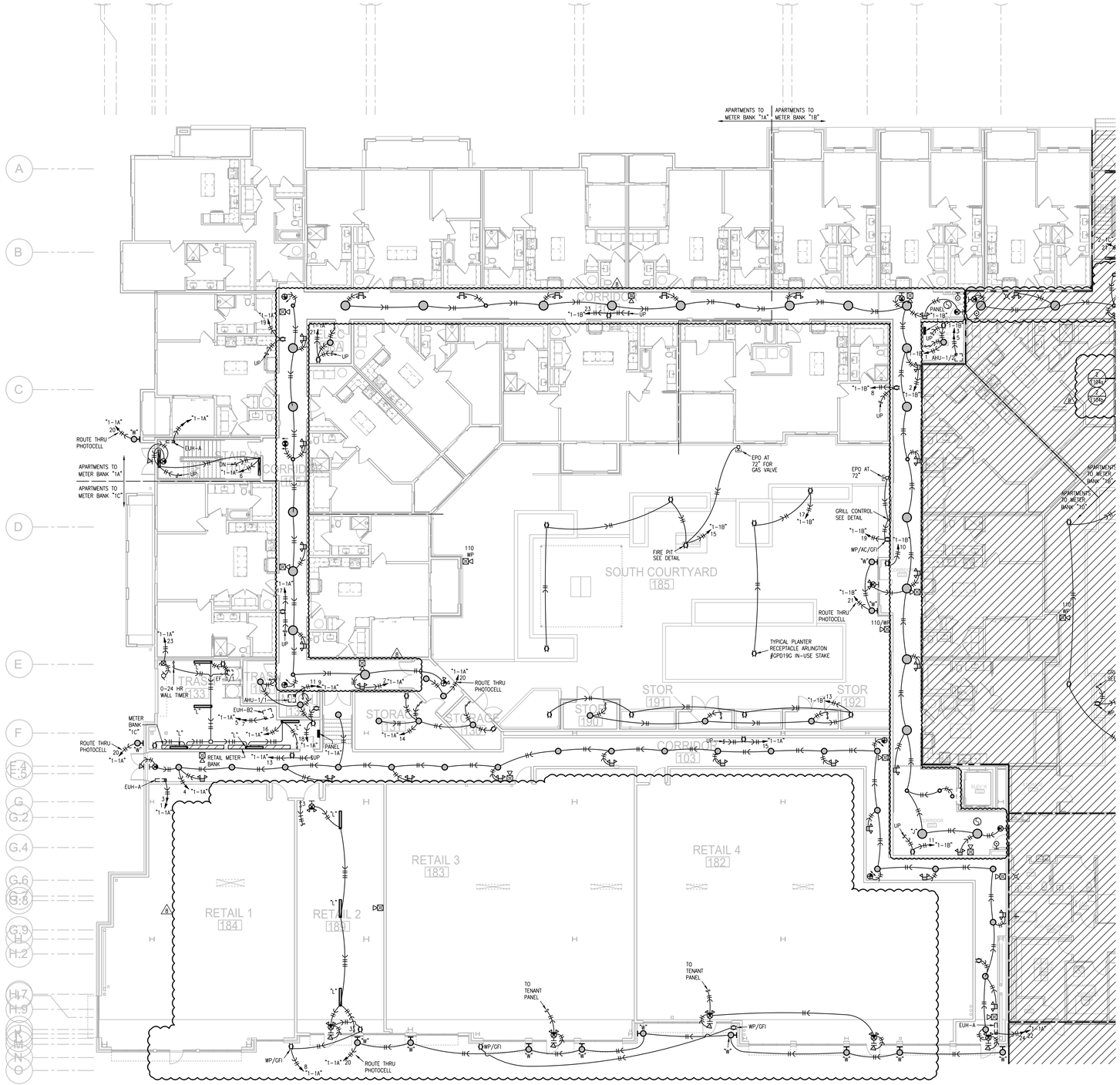
Topeka, Kansas 66614-3974
Telephone: (785) 233-3232
FAX: (785) 233-0567
Email: lsapa@lsapa.com

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.

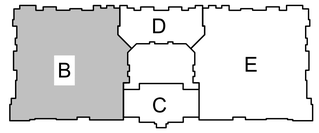
LEGEND:
(1) TO LIGHTING CONTROL PANEL.



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. BEARDSLEE
NUMBER
PROFESSIONAL ENGINEER
4-3-20

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
8	REVISION 3	04.03.20

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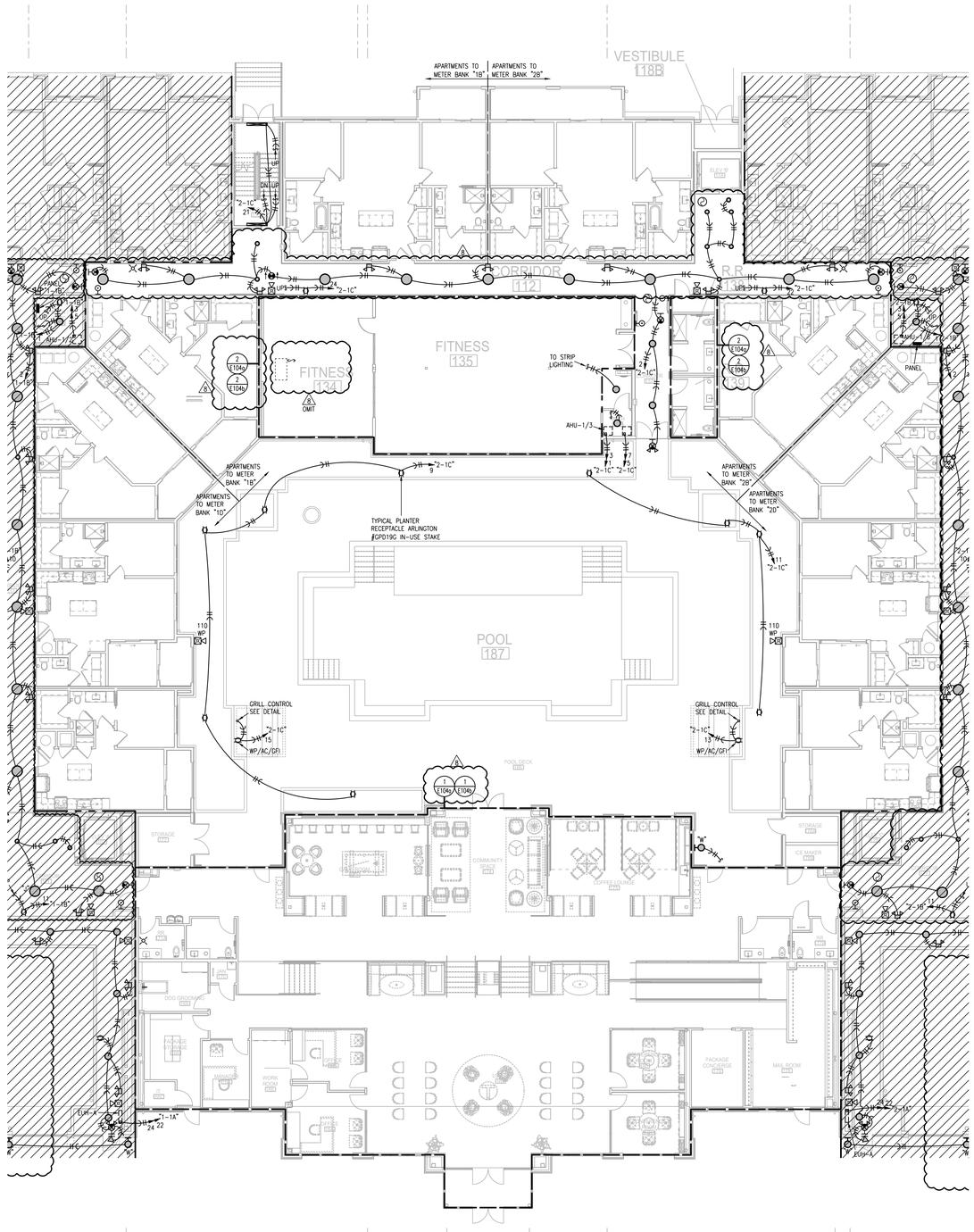
TR¡ PROJECT NO. 18-046

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.
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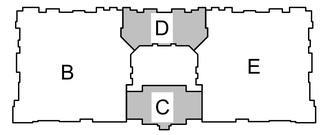
12. "DP-1" DENOTES DISTRIBUTION PANEL.

LEGEND:

(1) TO LIGHTING CONTROL PANEL.



KEY PLAN
NO SCALE

NORTH

STATE OF MISSOURI
RICHARD R. BEARDMORE
NUMBER 2010018751
PROFESSIONAL ENGINEER
4-3-20

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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DATE: 09.12.19

REVISIONS 4

2 REVISION 1	12.20.19
3 REVISION 3	04.03.20

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

E104

FIRST FLOOR PLAN - AREA C/D - ELECTRICAL

LS&A
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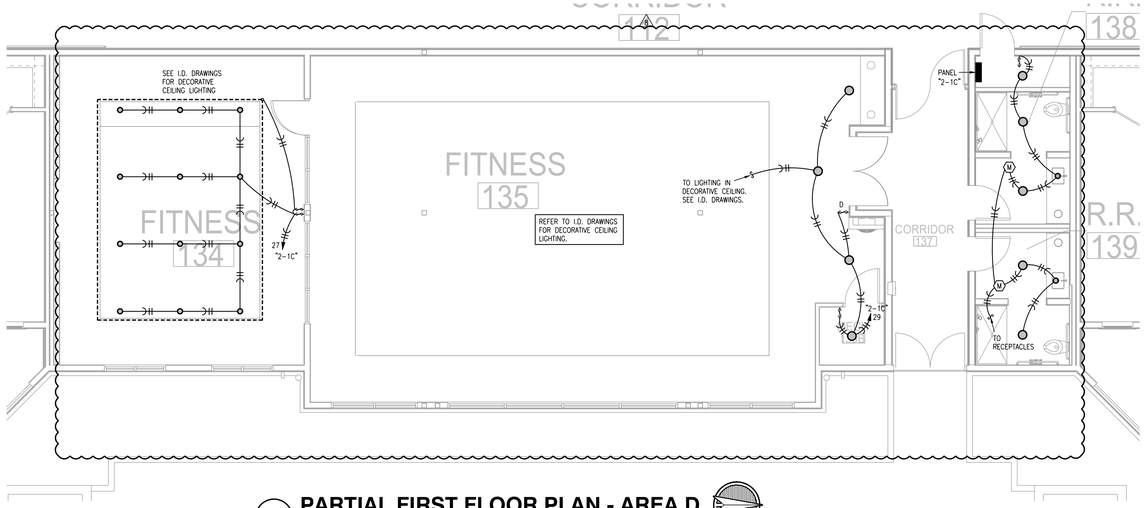
Telephone: (785) 233-3232
FAX: (785) 233-0647
Email: lsapa@lsapa.com

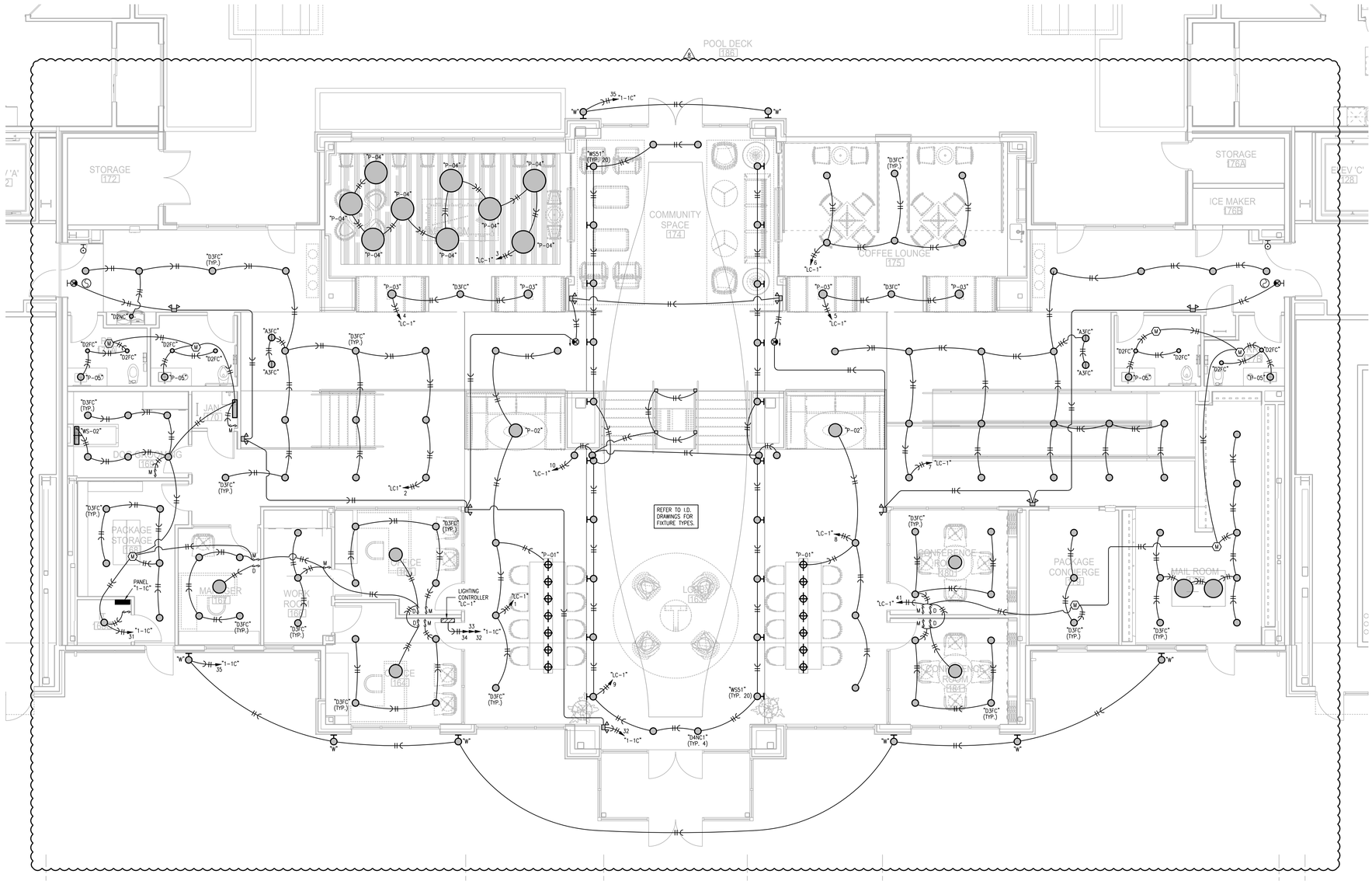
LSA PROJECT NO. 1904023



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.
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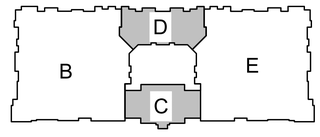
12. "DP-1" DENOTES DISTRIBUTION PANEL.

LEGEND:
(1) TO LIGHTING CONTROL PANEL.



KEY PLAN

NO SCALE

NORTH

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

STATE OF MISSOURI — RICHARD H. BEARDMORE — NUMBER 2010018751 — PROFESSIONAL ENGINEER

4-3-20

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

TRi ARCHITECTS

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DATE: 09.12.19

REVISIONS (6)

5	REVISION 1	12.20.19
6	REVISION 3	04.03.20

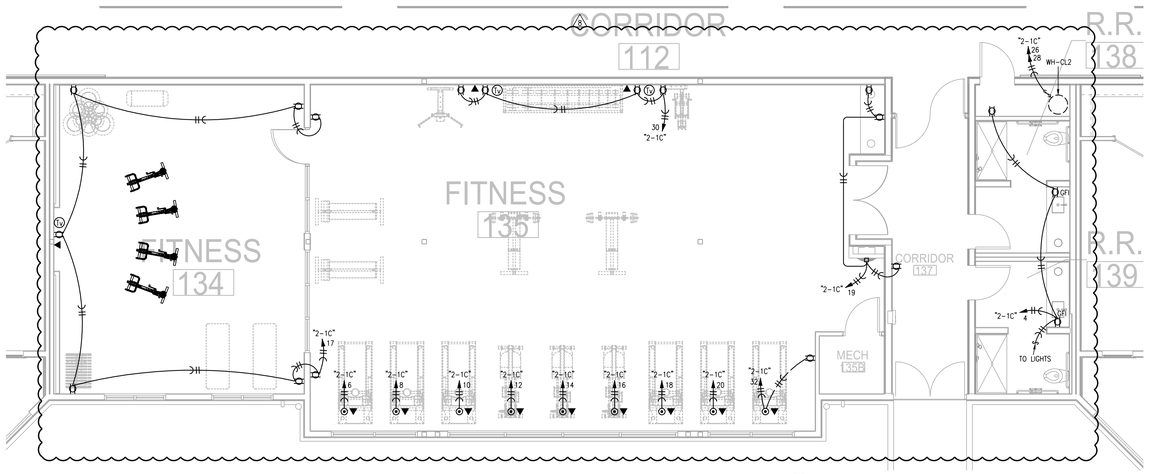
DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

E104a

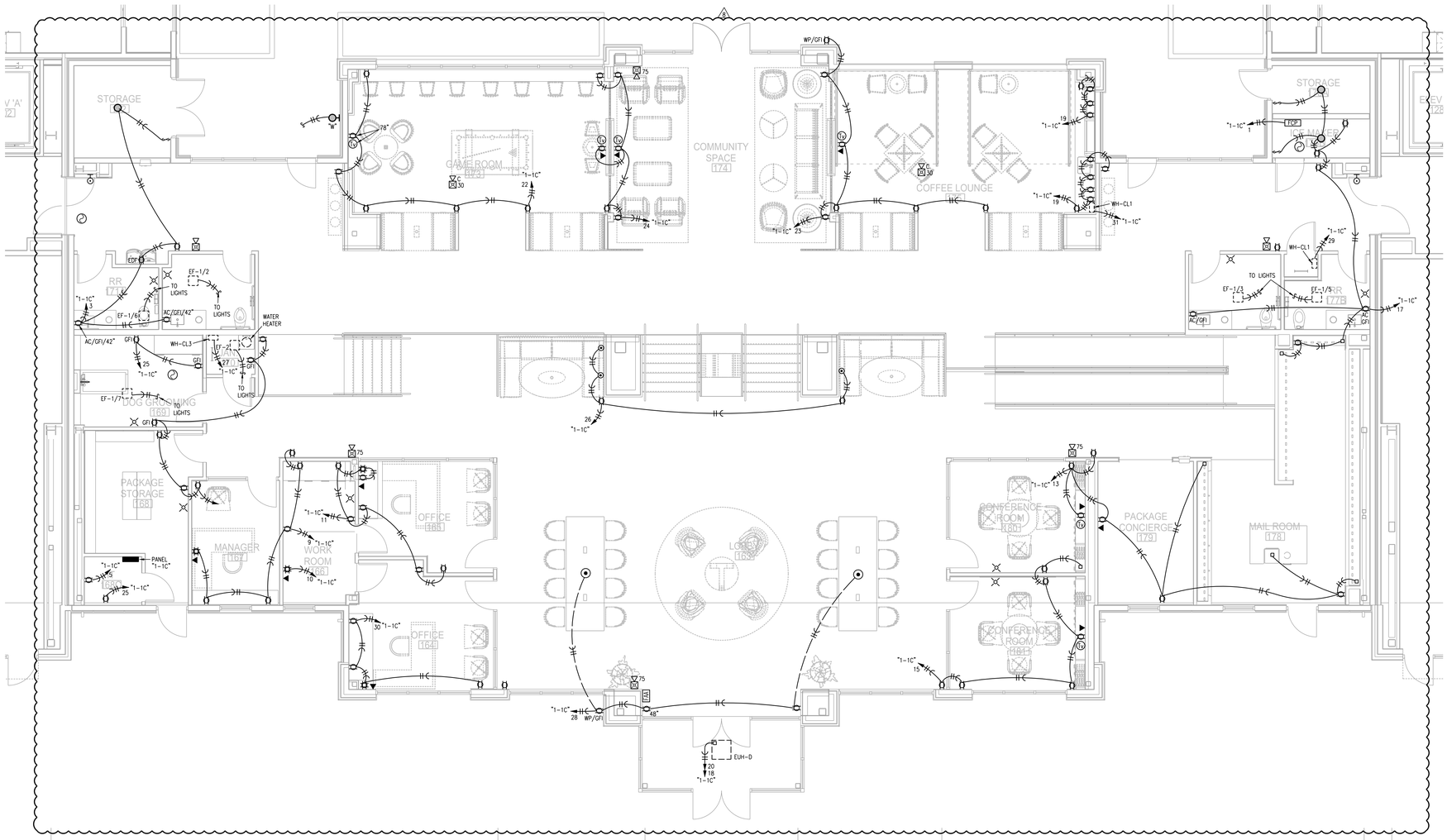
FIRST FLOOR PLAN - AREA D - LIGHTING



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.
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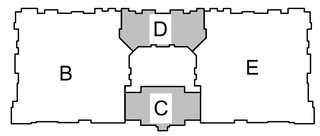
11. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
12. "DP-1" DENOTES DISTRIBUTION PANEL.

LEGEND:
(1) TO LIGHTING CONTROL PANEL.



KEY PLAN

NO SCALE

NORTH

STATE OF MISSOURI
RICHARD R. BEARDMORE
NUMBER 2010018761
PROFESSIONAL ENGINEER
4-3-20

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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DATE: 09.12.19

REVISIONS (A)

(A) REVISION 1	12.20.19
(A) REVISION 3	04.03.20

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

E104b

FIRST FLOOR PLAN - AREA D - LIGHTING

LS&A
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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:
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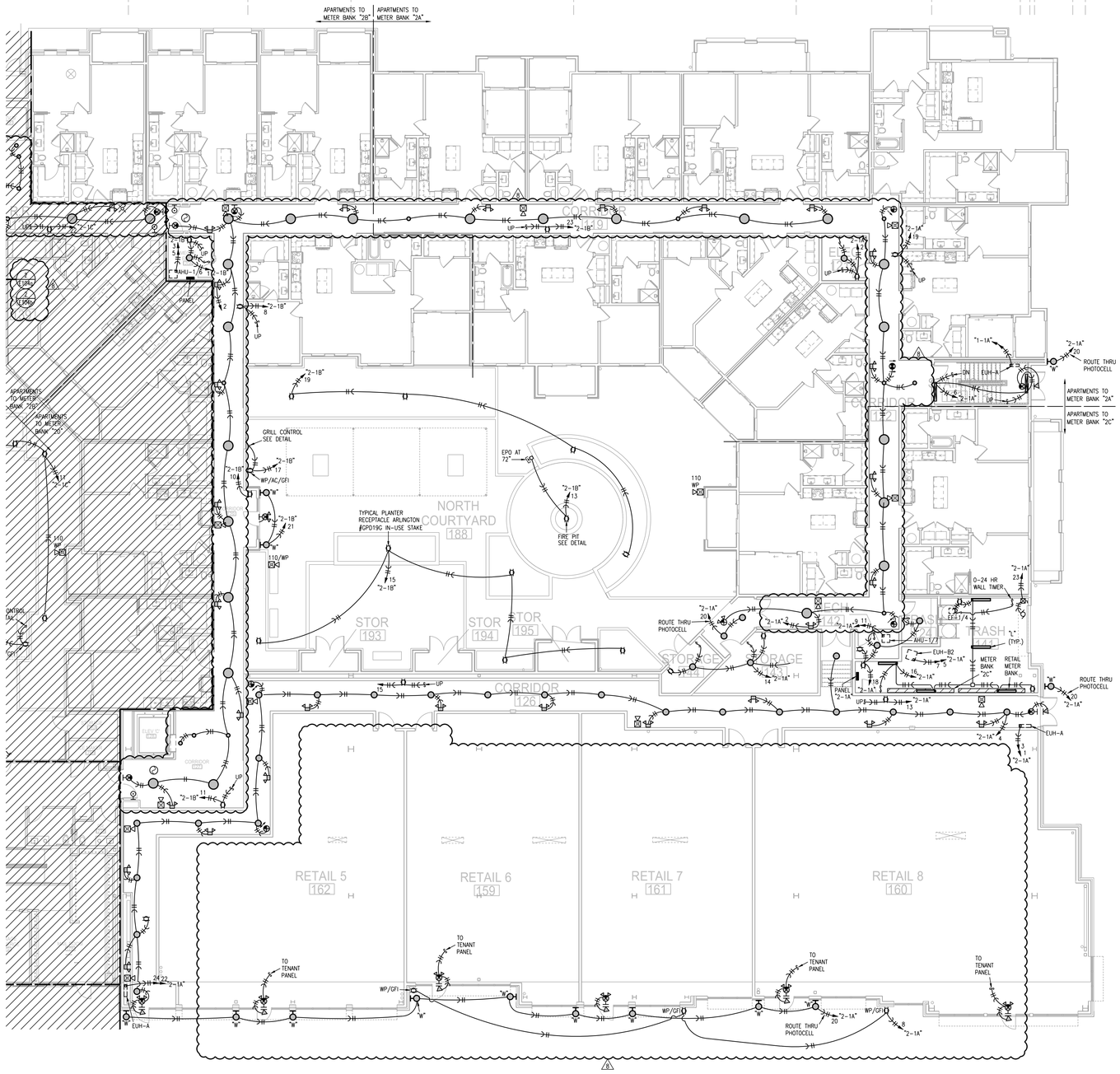
11. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
12. "DP-1" DENOTES DISTRIBUTION PANEL.

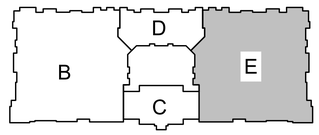
LEGEND:
(1) TO LIGHTING CONTROL PANEL.



1 FIRST FLOOR 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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LSA PROJECT NO. 1904023

STATE OF MISSOURI
RICHARD R. BEARDMORE
NUMBER 2010018761
PROFESSIONAL ENGINEER
4-3-20

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

TR¡ ARCHITECTS

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DATE: 09.12.19

REVISIONS 8

1	PERMIT COMMENTS	09.06.19
6	REVISION 1	12.20.19
8	REVISION 3	04.03.20

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.
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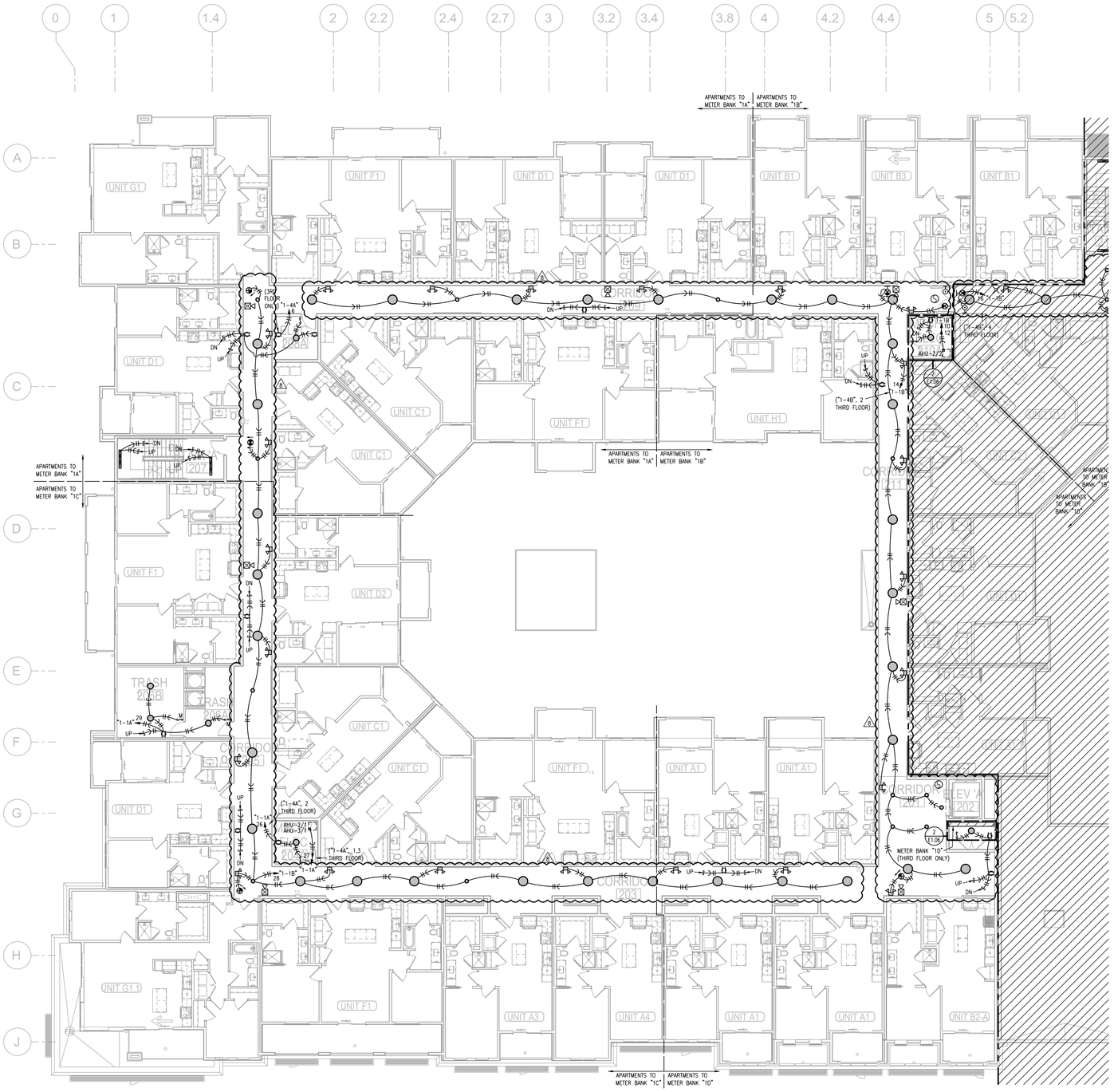
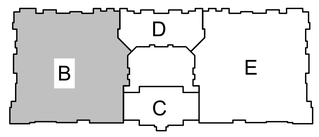


1 SECOND FLOOR PLAN - AREA B
3/32"=1'-0" (THIRD FLOOR SIMILAR) ELECTRICAL

NORTH

2 PARTIAL THIRD FLOOR PLANS
3/32"=1'-0" ELECTRICAL



KEY PLAN
NO SCALE

NORTH

STATE OF MISSOURI
RICHARD R. BEARDMORE
NUMBER
PROFESSIONAL ENGINEER
4-3-20

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 2

1	PERMIT COMMENTS	09.06.19
2	REVISION 3	04.03.20

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

E106

SECOND FLOOR PLAN - AREA B - ELECTRICAL

LS&A
Latimer Sommers & Associates, P.A.
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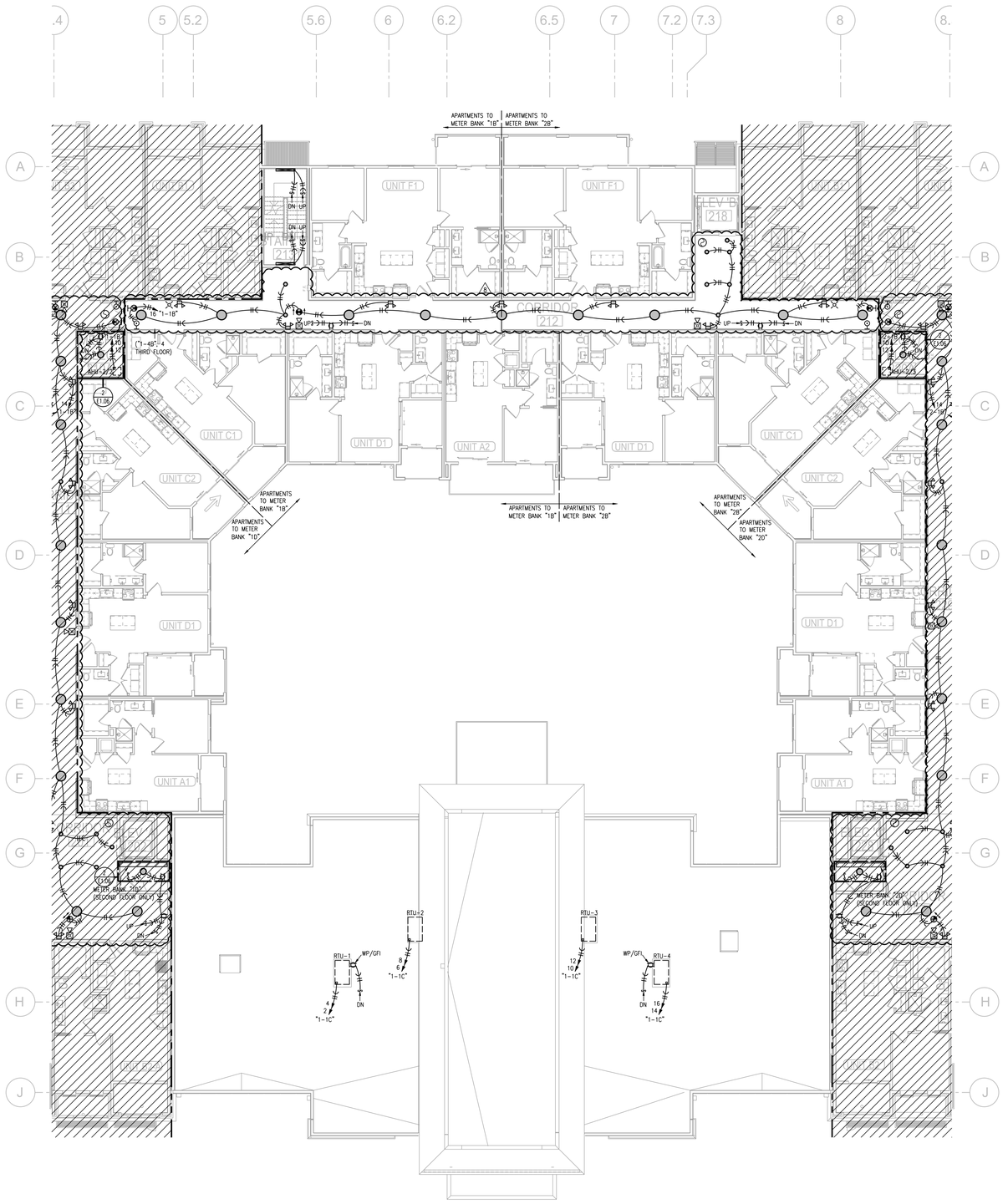
Topeka, Kansas 66614-3974
Telephone: (785) 233-3232
FAX: (785) 233-0647
Email: lsapa@lsapa.com

LSA PROJECT NO. 1904023

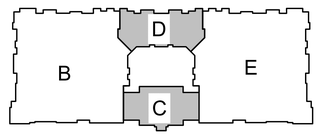


1 **SECOND FLOOR PLAN - AREA C/D**
3/32"=1'-0" (THIRD FLOOR SIMILAR) ELECTRICAL

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

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STATE OF MISSOURI
RICHARD R. BEARDMORE
NUMBER 2010018744
PROFESSIONAL ENGINEER
4-3-20

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

1	PERMIT COMMENTS	09.06.19
2	REVISION 3	04.03.20

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TR¡ PROJECT NO. 18-046

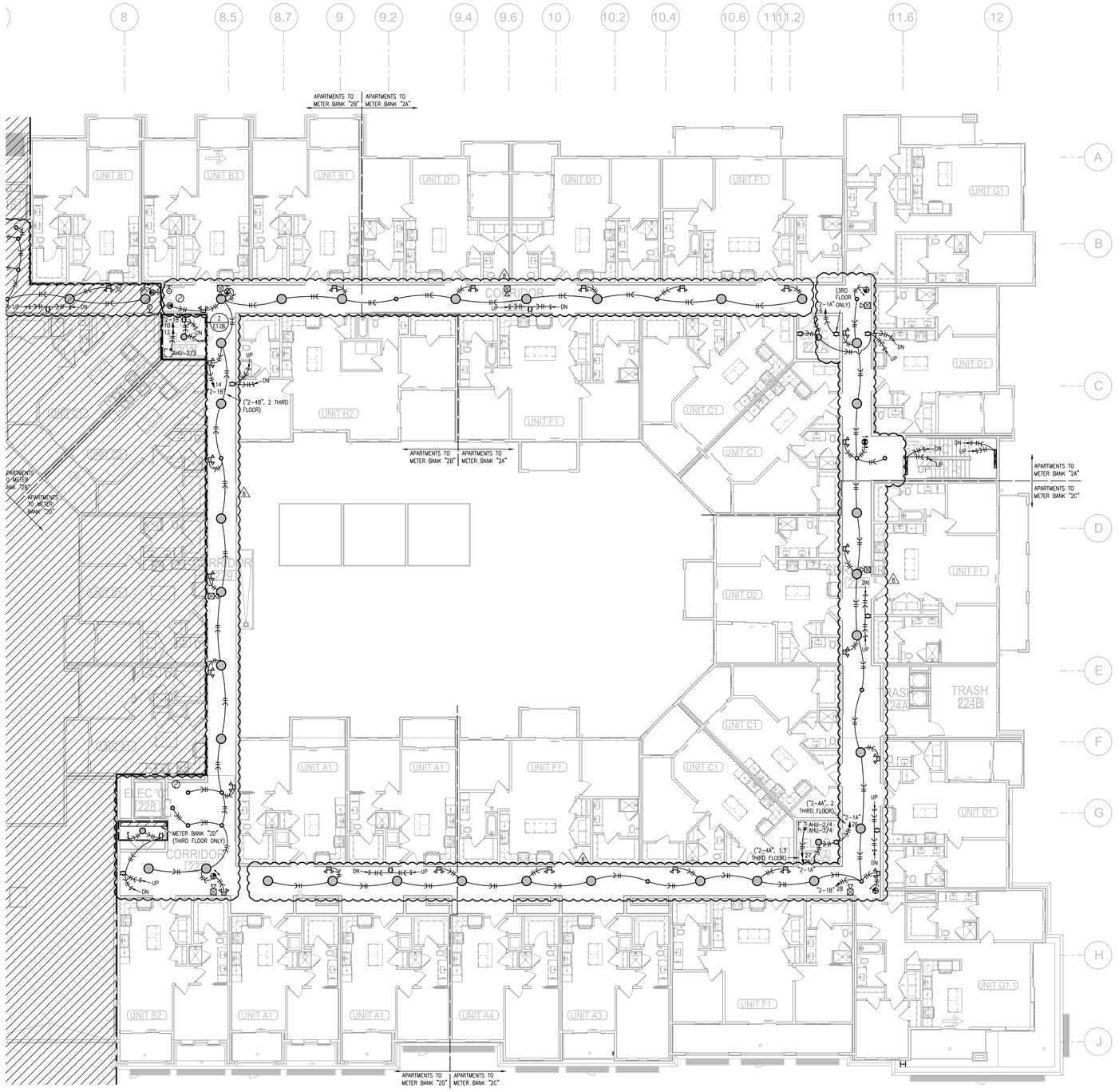
SHEET NO.

E107

SECOND FLOOR PLAN - AREA C/D - ELECTRICAL

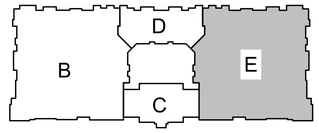
NOTES:
1. ALL ⊙ ARE TYPE "A" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
4. ALL ⊗ ARE TYPE "X2" UNLESS NOTED OTHERWISE.
5. ALL ⊗ ARE TYPE "X5" UNLESS NOTED OTHERWISE.
6. CONNECT FIRE/SMOKE DAMPERS SHOWN ON MECHANICAL 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 E**
3/32"=1'-0" (THIRD FLOOR SIMILAR) ELECTRICAL

2 **PARTIAL THIRD FLOOR PLANS**
3/32"=1'-0" ELECTRICAL



KEY PLAN
NO SCALE NORTH

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

STATE OF MISSOURI
RICHARD R. BEARDMORE
NUMBER 2010018744
PROFESSIONAL ENGINEER
4-3-20

Pearl COMPANIES

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DATE:	09.12.19
REVISIONS 6	
1 PERMIT COMMENTS	09.06.19
6 REVISION 3	04.03.20
DWG BY	RRB
TR¡ PROJECT NO.	18-046

SHEET NO.

E108

SECOND FLOOR PLAN - AREA E - ELECTRICAL

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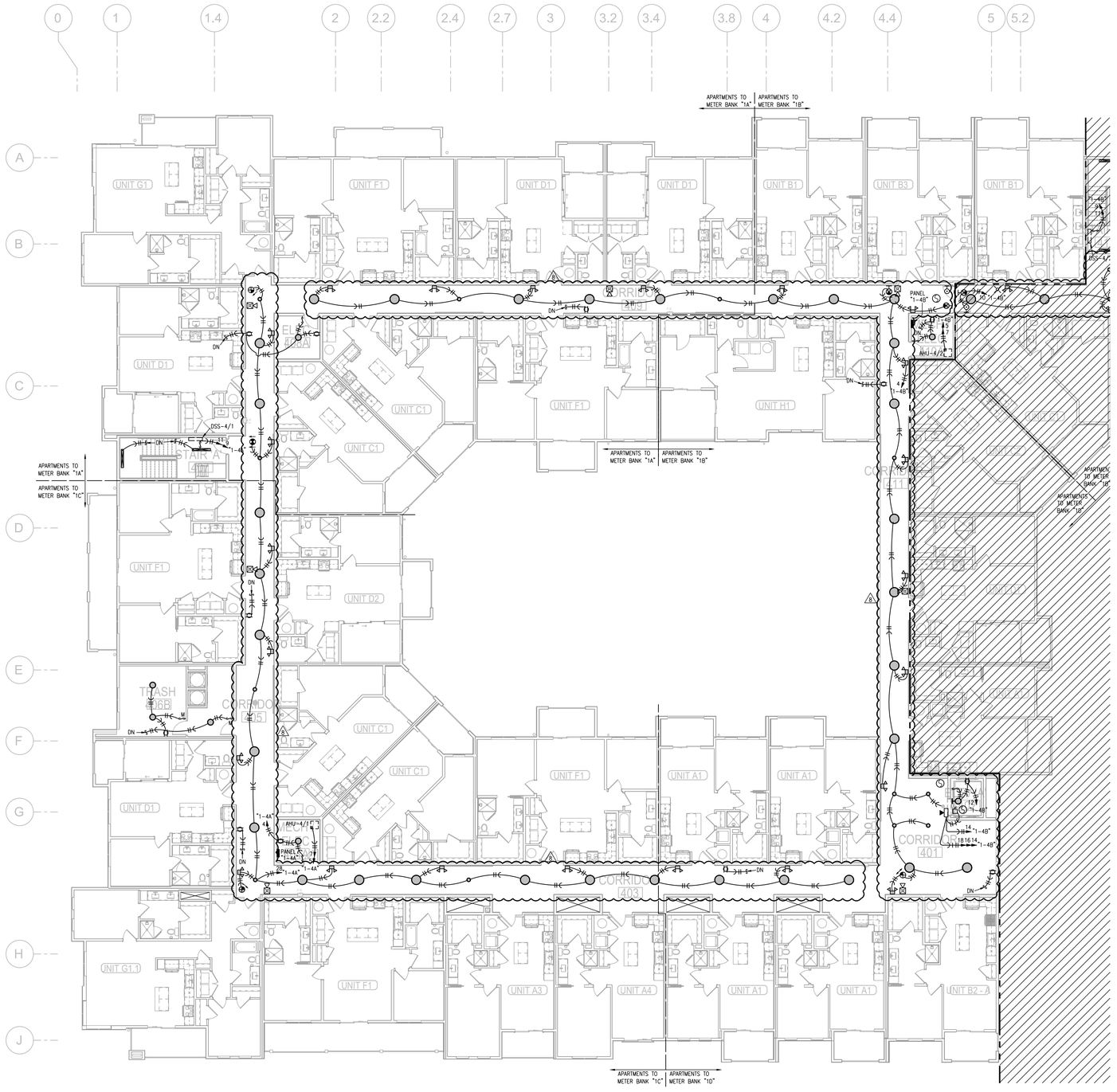
FAX: (785) 233-0647
Email: lsapa@lsapa.com

LSA PROJECT NO. 1904023

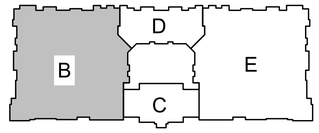


1 **FOURTH FLOOR PLAN - AREA B - ELECTRICAL**
3/32"=1'-0"

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

STATE OF MISSOURI
RICHARD R. BEARDSLEE
NUMBER 2010018761
PROFESSIONAL ENGINEER
4-3-20

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
6 REVISION 3	04.03.20
DWG BY	RRB
TR¡ PROJECT NO.	18-046

SHEET NO.

E109

FOURTH FLOOR PLAN - AREA B - ELECTRICAL

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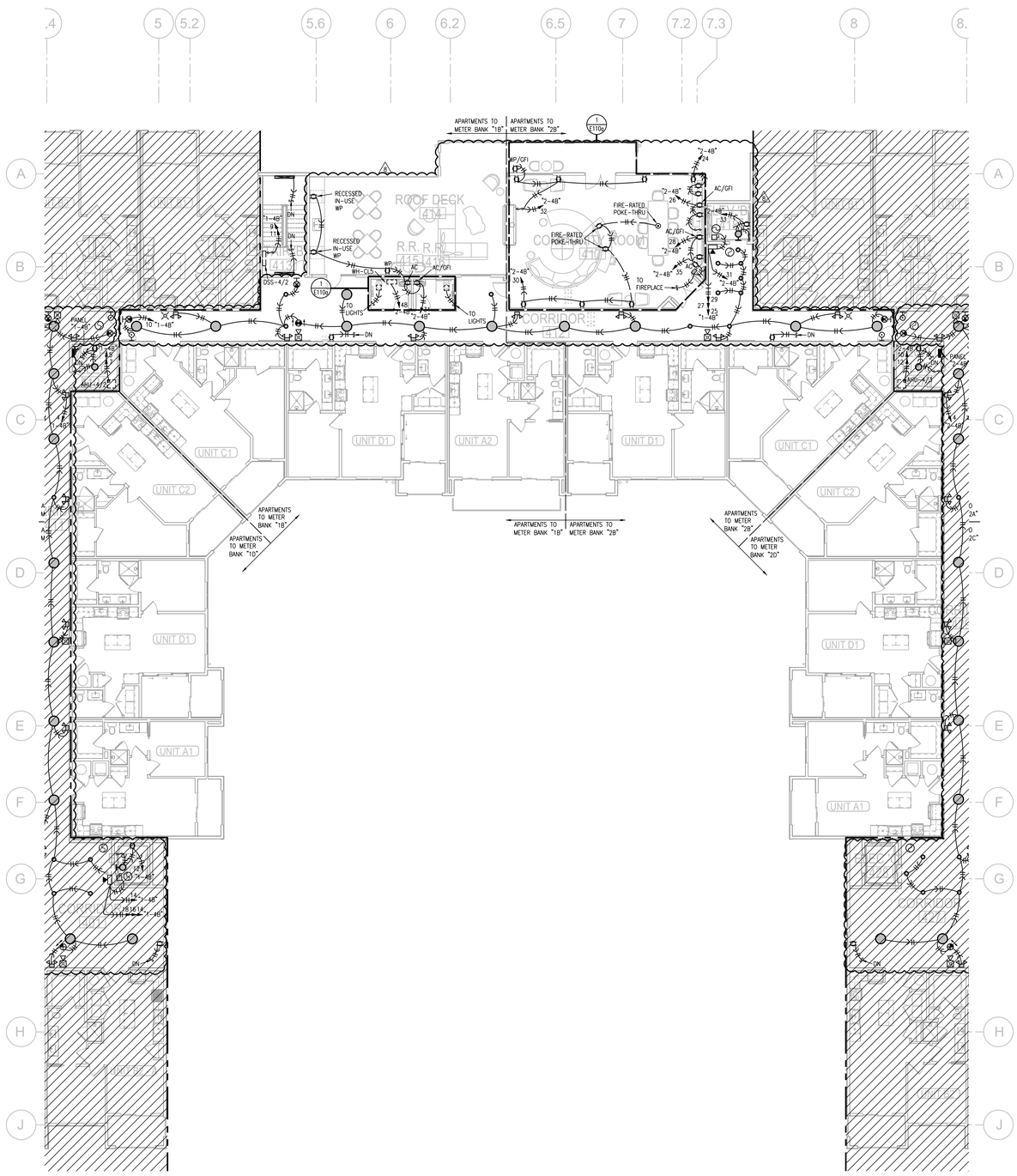
FAX: (785) 233-0647
Email: lsapa@lsapa.com
LSA PROJECT NO. 1904023

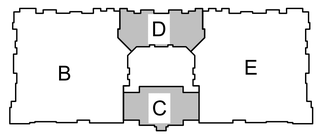


1 **FOURTH FLOOR PLAN - AREA C/D**
3/32"=1'-0" ELECTRICAL

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

STATE OF MISSOURI
RICHARD R. BEARDMORE
NUMBER
PROFESSIONAL ENGINEER
4-3-20

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
A	REVISION 1	12.20.19
B	REVISION 3	04.03.20

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

E110

FOURTH FLOOR PLAN - AREA C/D - ELECTRICAL

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

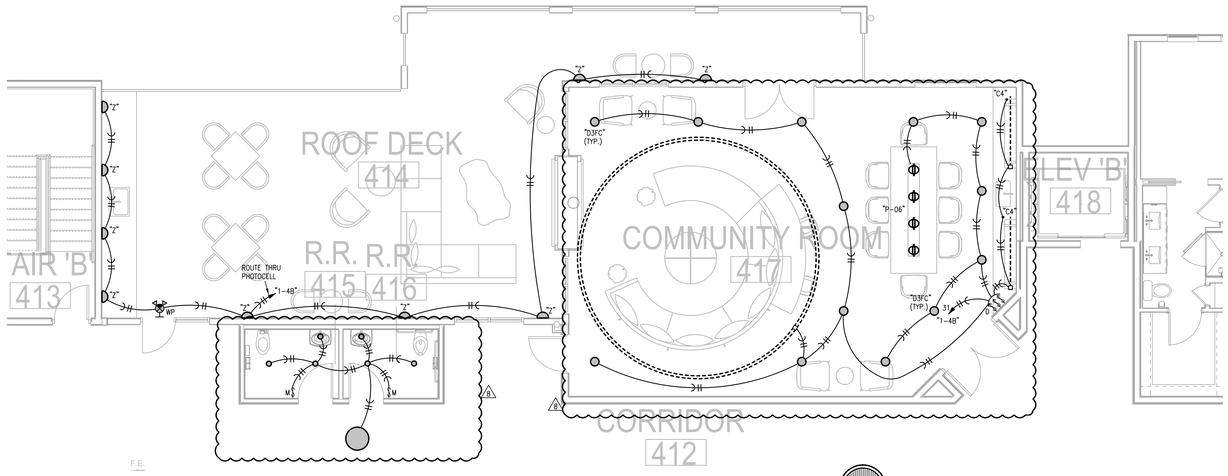
LSA PROJECT NO. 1904023

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.

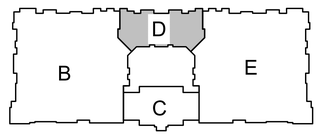
LEGEND:

(1) TO LIGHTING CONTROL PANEL.



1 **PARTIAL FOURTH FLOOR PLAN - AREA D**
3/16"=1'-0" LIGHTING

NORTH



KEY PLAN
NO SCALE

NORTH

STATE OF MISSOURI
RICHARD R. BEARDMORE
NUMBER 2010018761
PROFESSIONAL ENGINEER
4-3-20

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 (2)

(1) REVISION 1	12.20.19
(2) REVISION 3	04.03.20

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TR¡ PROJECT NO. 18-046

SHEET NO.

E110a

PARTIAL FOURTH FLOOR PLAN - AREA C/D - LIGHTING

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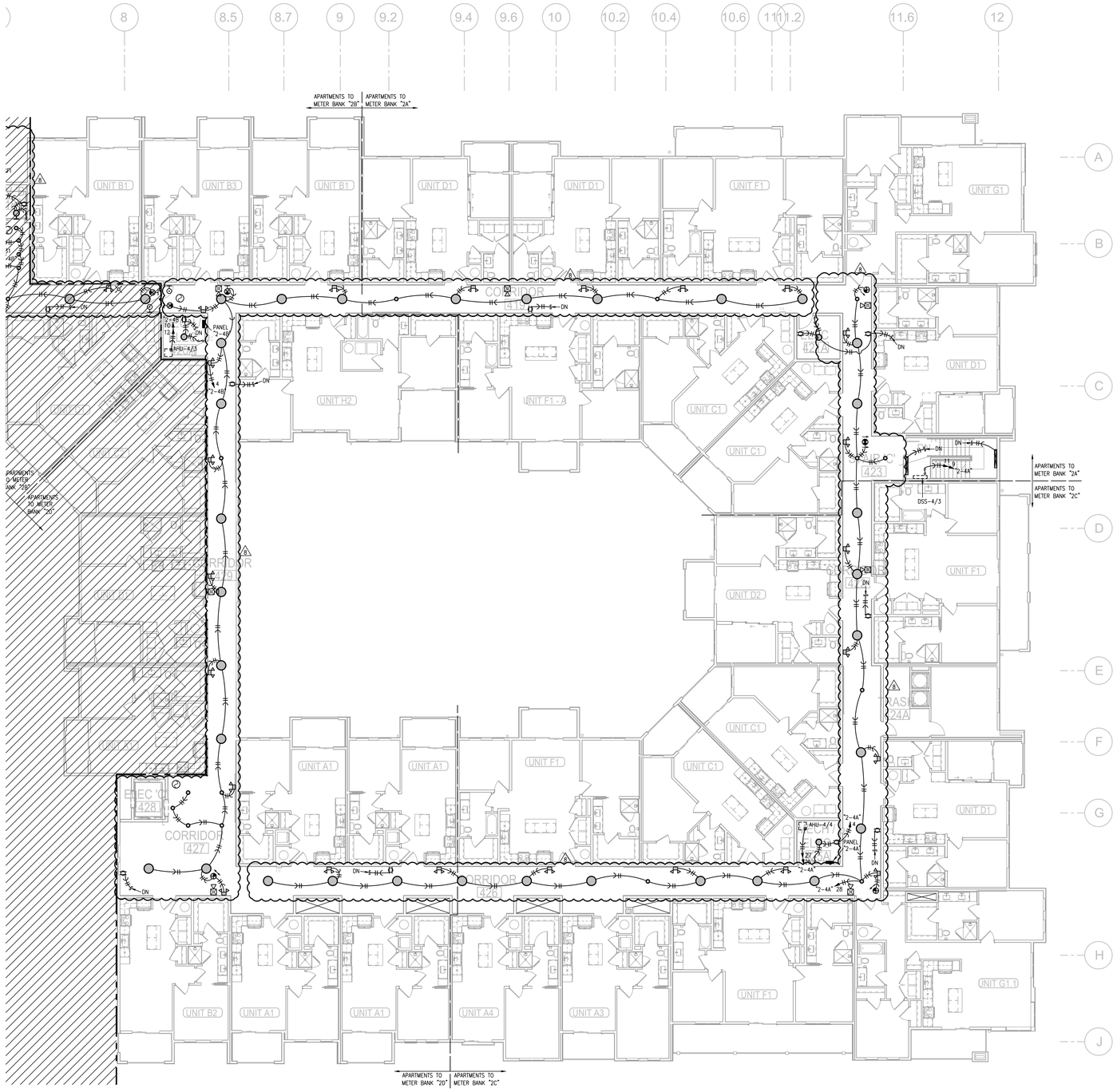
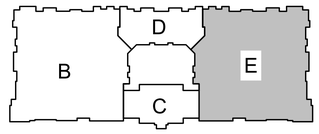
Topeka, Kansas 66614-3974
Telephone: (785) 233-3232
FAX: (785) 233-0647
Email: lsapa@lsapa.com

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.





KEY PLAN
NO SCALE
NORTH

1 FOURTH FLOOR PLAN - AREA E
3/32"=1'-0" ELECTRICAL
NORTH

STATE OF MISSOURI
RICHARD R. BEARDMORE
NUMBER
PROFESSIONAL ENGINEER
4-3-20

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

1	PERMIT COMMENTS	09.06.19
2	REVISION 3	04.03.20

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

E111

FOURTH FLOOR PLAN - AREA E - ELECTRICAL

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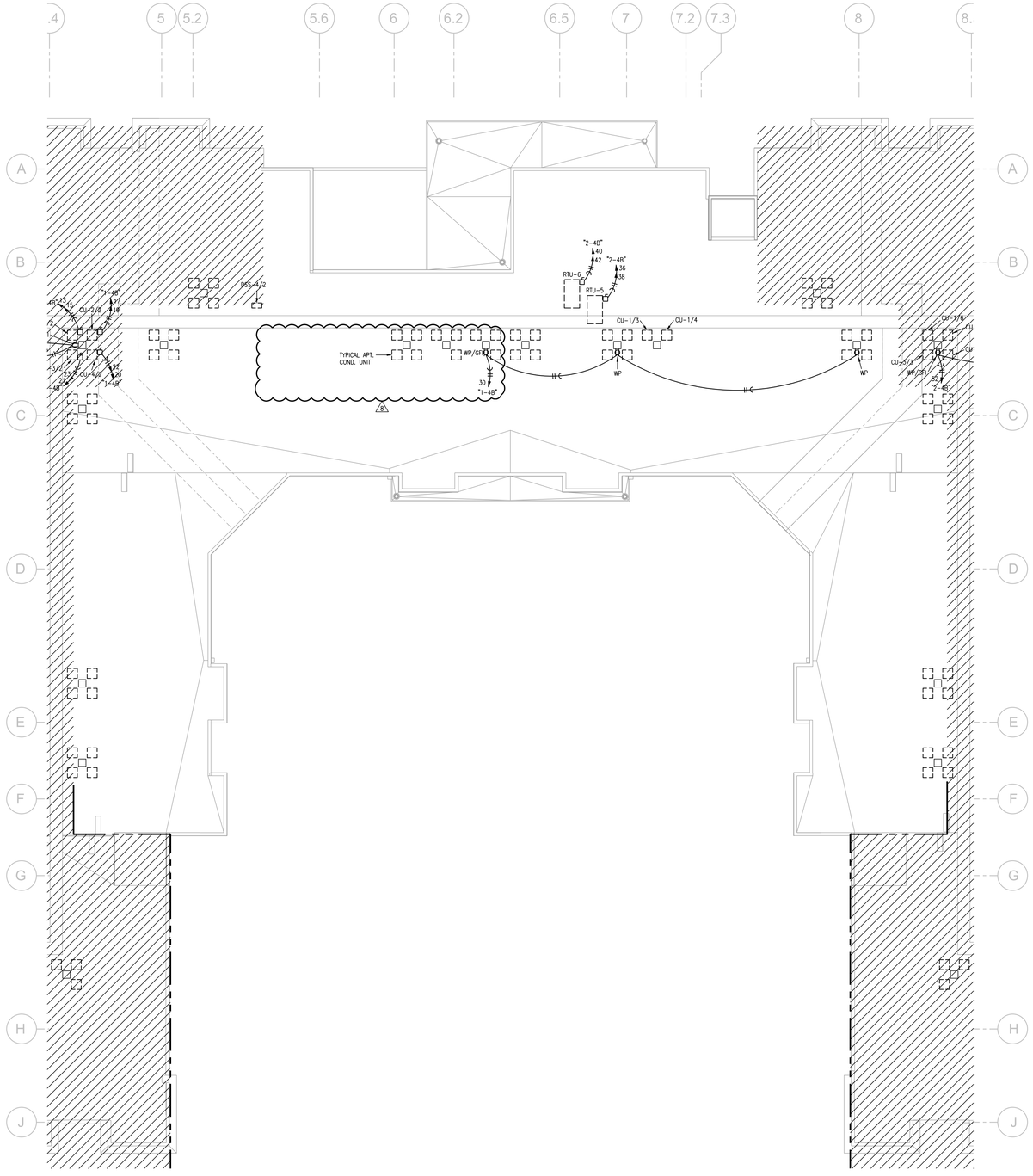
FAX: (785) 233-0647
Email: lsapa@lsapa.com
LSA PROJECT NO. 1904023



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.
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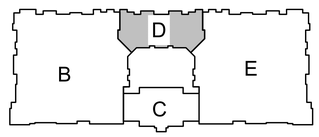
10. EXIT SIGNS SHALL BE READILY VISIBLE TO OCCUPANTS.
11. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
12. "DP-1" DENOTES DISTRIBUTION PANEL.

LEGEND:

(1) TO LIGHTING CONTROL PANEL.

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

NORTH



KEY PLAN
NO SCALE

NORTH

STATE OF MISSOURI
RICHARD R. BEARDMORE
NUMBER 2010018761
PROFESSIONAL ENGINEER
4-3-20

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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1	PERMIT COMMENTS	09.06.19
2	REVISION 3	04.03.20

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

E113

ROOF PLAN - AREA D - ELECTRICAL

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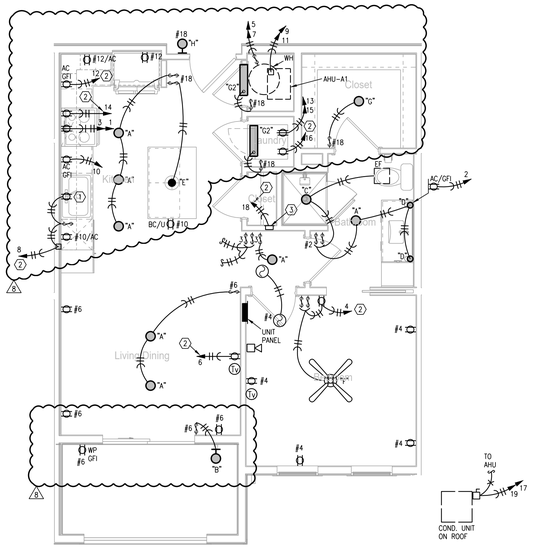
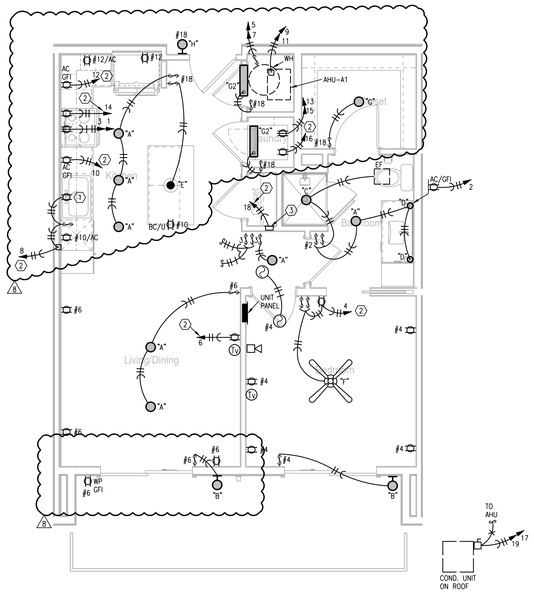
LSA PROJECT NO. 1904023



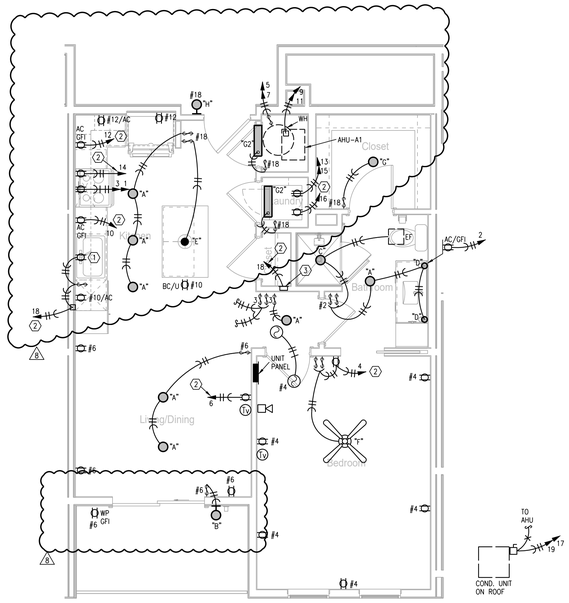
1 TYPICAL UNIT PLAN - A1

1/4"=1'-0" ELECTRICAL



2 TYPICAL UNIT PLAN - A2

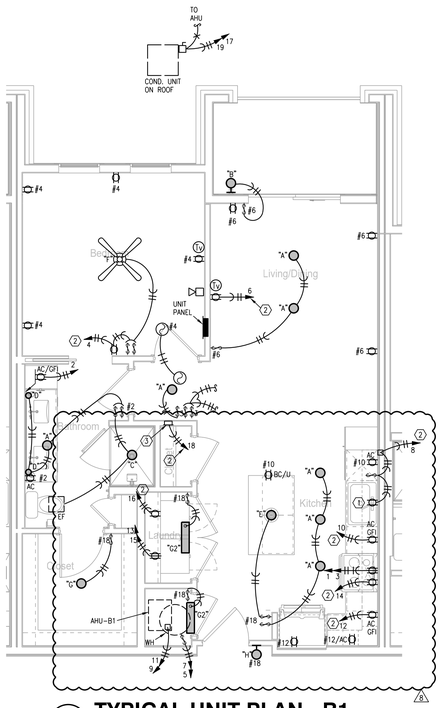
1/4"=1'-0" ELECTRICAL



3 TYPICAL UNIT PLAN - A3

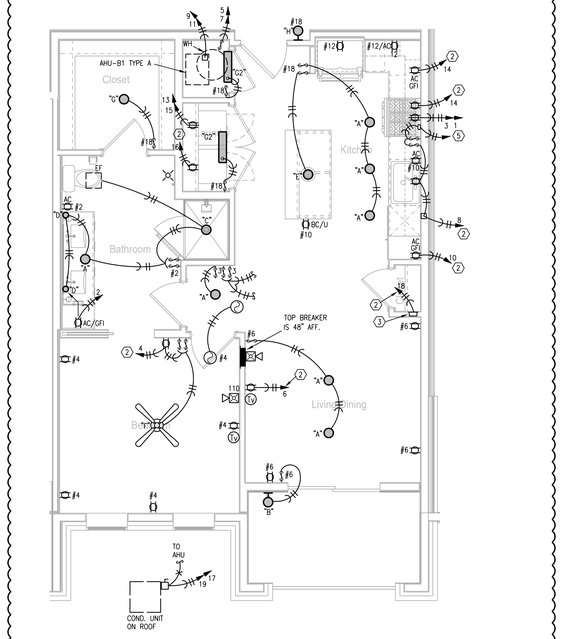
1/4"=1'-0" (UNIT A4 SIMILAR) ELECTRICAL

NOTE: SEE I.D. DRAWINGS FOR DIMENSIONED LIGHTING PLANS AND DETAILS.



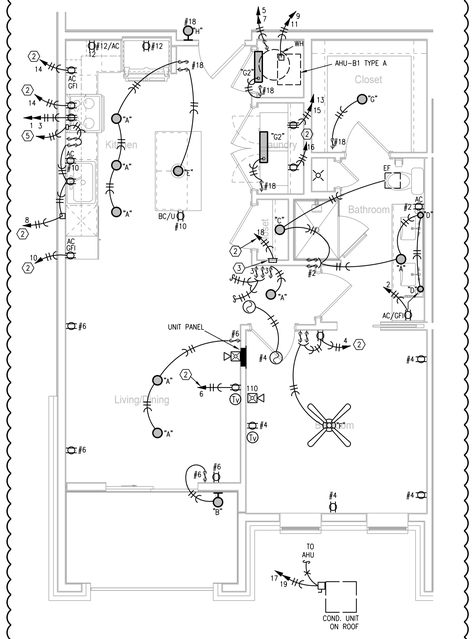
4 TYPICAL UNIT PLAN - B1

1/4"=1'-0" (UNIT B3 SIMILAR) ELECTRICAL



5 TYPICAL UNIT PLAN - B2 TYPE A

1/4"=1'-0" ELECTRICAL



6 TYPICAL UNIT PLAN - B2

1/4"=1'-0" ELECTRICAL

NOTES:

1. TYPE "J" FIXTURE IN HALLWAYS ARE UNSWITCHED. MOUNT AT 72"AFF, VERIFY WITH ARCHITECT.
2. CEILING FAN SWITCHES PROVIDED WITH FAN. CONTROL LIGHT AND FAN SEPARATELY. INTENDED FOR SINGLE GANG BOX.
3. CENTER "H" PENDANT LIGHTS OVER BASE BACK WALL AND CENTERED EQUALLY LEFT TO RIGHT OVER SINK. THESE ARE SEPARATELY SWITCHED.
4. GENERALLY CENTER LIGHT ON WINDOWS, DOOR, HALLWAYS, SINKS, OVER TUBS, ETC. VERIFY ALL LOCATIONS IN EACH UNIT DIMENSIONALLY WITH ARCHITECT, INTERIOR DESIGNER AND OWNER. MOUNT SWITCHES CLOSE TO DOORS OR WALL CORNERS.
5. THERMOSTATS HAVE LOW VOLTAGE WIRE BACK TO AHU. CONDENSING UNITS HAVE LOW VOLTAGE WIRE BACK TO AHU.
6. (CO) = 120V. SMOKE/CO ALARM WITH BATTERY BACK-UP AND AUXILIARY CONTACT SO ALL SOUND TOGETHER.
7. ALL ARC-FAULT CIRCUIT BREAKERS SHALL BE COMPATIBLE WITH CEILING FANS, COMPACT AND STANDARD FLUORESCENT LAMPS/FIXTURES AND OTHER ELECTRONIC DEVICES.
8. PROVIDE PROTECTION AT ELECTRICAL BOXES AT RATED CEILING MEMBRANES PER IBC 712.4.1.2(2). BOXES TO BE LISTED FOR RATED MEMBRANES, NOT EXCEED 16 SQUARE INCHES, NOT COMBINE FOR MORE THAN 100 SQUARE INCHES IN 100 SQUARE FEET AND ANNULAR SPACE NOT EXCEED 1/8".
9. FIRE ALARM HORN/STROBE CIRCUITS SHALL BE SIZED TO ACCEPT BEDROOM HORN/STROBES IN FUTURE INCLUDING WIRING AND PANEL CAPACITY.
10. ALL RANGES SERVED BY (3) #8 & (1) #10 AND 50A. RECEPTACLE.
11. ALL WATER HEATERS SERVED BY (3) #10
12. ALL WASHERS AND REFRIGERATORS HAVE RECEPTACLES AT 48".
13. SEE HVAC SCHEDULE AND SHOP DRAWINGS FOR AHU AND HEAT PUMP CIRCUITS.
14. ALL DRYERS SERVED BY (4) #10 AND 30A. RECEPTACLE.
15. BELOW COUNTER RECEPTACLES AND PLATES SHALL MATCH THE BASE CABINETS WHERE THEY ARE MOUNTED (BROWN, WHITE, ETC.) VERIFY WITH ARCHITECT.
16. EXTERIOR RECEPTACLES SHALL BE ARLINGTON #DBVM1C RECESSED TYPE.

LEGEND:

1. SWITCHED RECEPTACLE FOR GARBAGE DISPOSER CONTINUE CIRCUIT TO DISHWASHER.
2. PROVIDE ARC-FAULT CIRCUIT BREAKER IN PANEL.
3. TELE/TV DEMARK FLUSH BOX. PROVIDE WITH DUPLEX OUTLET. PROVIDE 1" CONDUIT FROM BOX TO ABOVE CEILING AND OUT TO CEILING IN THE HALLWAY. SEE DETAILS.
4. SMOKE ALARM TO HAVE STROBES.
5. CONNECT RANGE HOOD TO TWO SWITCHES ABOVE COUNTER TO CONTROL LIGHT AND FAN.

ELECTRICAL SYMBOLS LEGEND;

- DUPLEX RECEPTACLE.
- 120/240V. RECEPTACLE. 30A. FOR DRYER, 50A. FOR RANGE.
- SW RECEPTACLE HALF SWITCHED.
- USB USB CHARGING COMB. RECEPTACLE.
- ▼ DATA OUTLET.
- ▽ VOICE OUTLET.
- TV COMBINATION CATV/DATA OUTLET.
- AC ABOVE COUNTER
- BC BELOW COUNTER
- LOW FREQUENCY HORN

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4-3-20

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BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL 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

DWG BY RRB

TR;i PROJECT NO. 18-046

SHEET NO.

E201

TYPICAL UNIT PLANS - ELECTRICAL

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LSA PROJECT NO. 1904023

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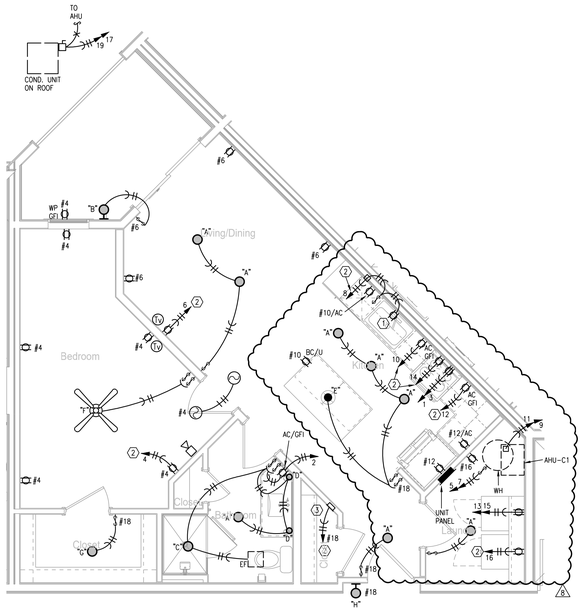
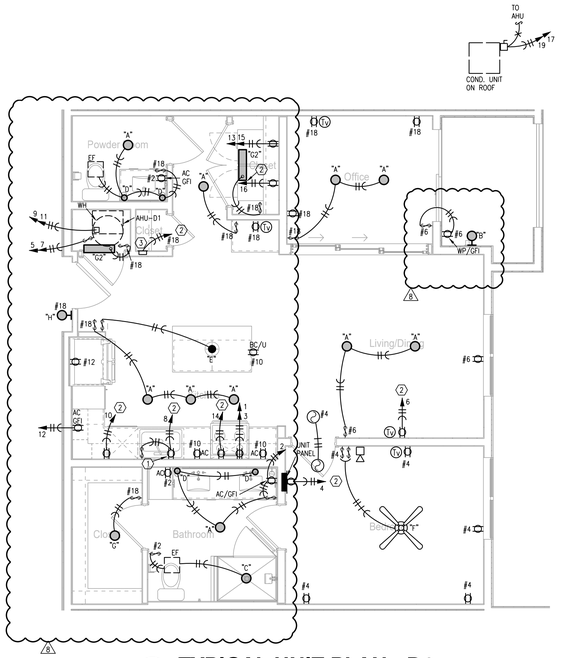
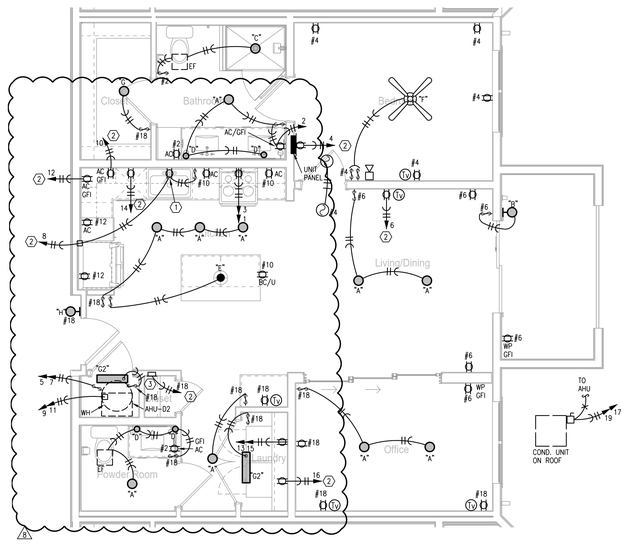


1 **TYPICAL UNIT PLAN - C1**
1/4"=1'-0" (UNIT C2 SIMILAR) ELECTRICAL



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



3 **TYPICAL UNIT PLAN - D2**
1/4"=1'-0" ELECTRICAL

NOTES:

1. TYPE "J" FIXTURE IN HALLWAYS ARE UNSWITCHED. MOUNT AT 72"AFF, VERIFY WITH ARCHITECT.
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5. THERMOSTATS HAVE LOW VOLTAGE WIRE BACK TO AHU. CONDENSING UNITS HAVE LOW VOLTAGE WIRE BACK TO AHU.
6. (SD) = 120V. SMOKE/CO ALARM WITH BATTERY BACK-UP AND AUXILIARY CONTACT SO ALL SOUND TOGETHER.
7. ALL ARC-FAULT CIRCUIT BREAKERS SHALL BE COMPATIBLE WITH CEILING FANS, COMPACT AND STANDARD FLUORESCENT LAMPS/FIXTURES AND OTHER ELECTRONIC DEVICES.
8. PROVIDE PROTECTION AT ELECTRICAL BOXES AT RATED CEILING MEMBRANES PER IBC 712.4.1.2(2). BOXES TO BE LISTED FOR RATED MEMBRANES, NOT EXCEED 16 SQUARE INCHES, NOT COMBINE FOR MORE THAN 100 SQUARE INCHES IN 100 SQUARE FEET AND ANNULAR SPACE NOT EXCEED 1/8".
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11. ALL WATER HEATERS SERVED BY (3) #10
12. ALL WASHERS AND REFRIGERATORS HAVE RECEPTACLES AT 48".
13. SEE HVAC SCHEDULE AND SHOP DRAWINGS FOR AHU AND HEAT PUMP CIRCUITS.
14. ALL DRYERS SERVED BY (4) #10 AND 30A. RECEPTACLE.
15. BELOW COUNTER RECEPTACLES AND PLATES SHALL MATCH THE BASE CABINETS WHERE THEY ARE MOUNTED (BROWN, WHITE, ETC.) VERIFY WITH ARCHITECT.
16. EXTERIOR RECEPTACLES SHALL BE ARLINGTON #DBVM1C RECESSED TYPE.

LEGEND:

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2. PROVIDE ARC-FAULT CIRCUIT BREAKER IN PANEL.
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ELECTRICAL SYMBOLS LEGEND;

- DUPLEX RECEPTACLE.
- 120/240V. RECEPTACLE. 30A. FOR DRYER, 50A. FOR RANGE.
- $_{SW}$ RECEPTACLE HALF SWITCHED.
- $_{U}$ USB CHARGING COMB. RECEPTACLE.
- ▼ DATA OUTLET.
- ▽ VOICE OUTLET.
- (TV) COMBINATION CATV/DATA OUTLET.
- AC ABOVE COUNTER
- BC BELOW COUNTER
- LOW FREQUENCY HORN

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BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
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www.triarchitects.com

DATE: 09.12.19

REVISIONS (8)

1	PERMIT COMMENTS	09.06.19
6	REVISION 1	12.20.19
8	REVISION 3	04.03.20

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

E202

TYPICAL UNIT PLANS - ELECTRICAL

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LSA PROJECT NO. 1904023

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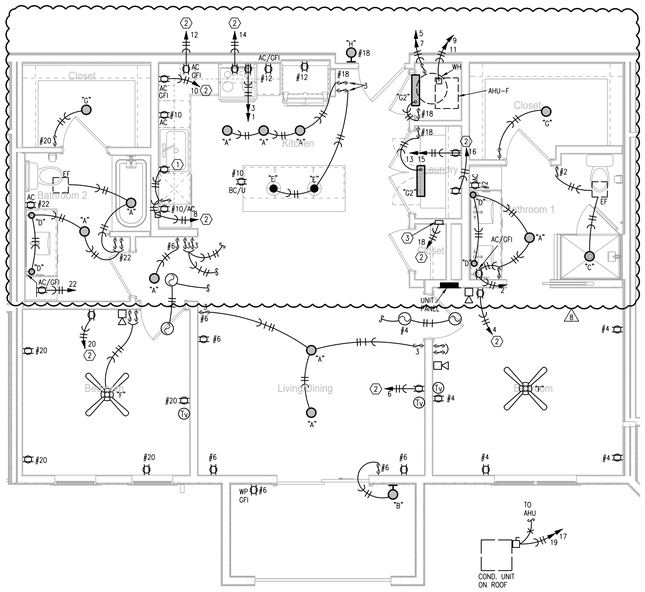
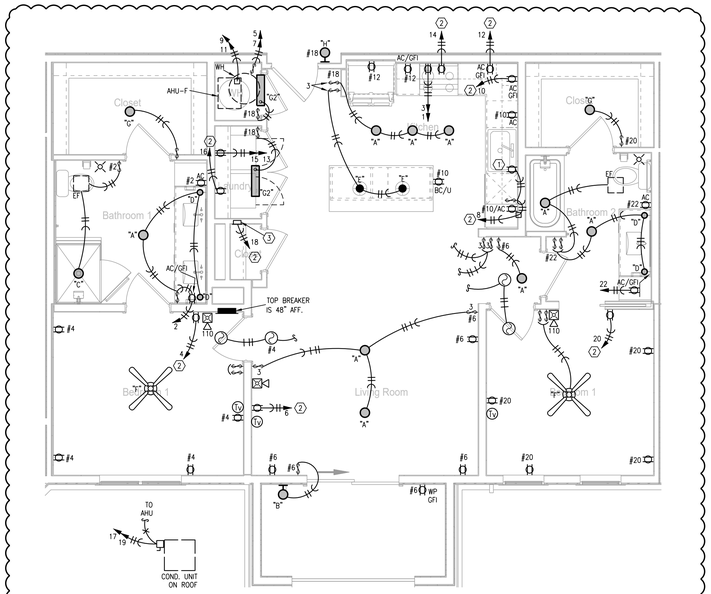


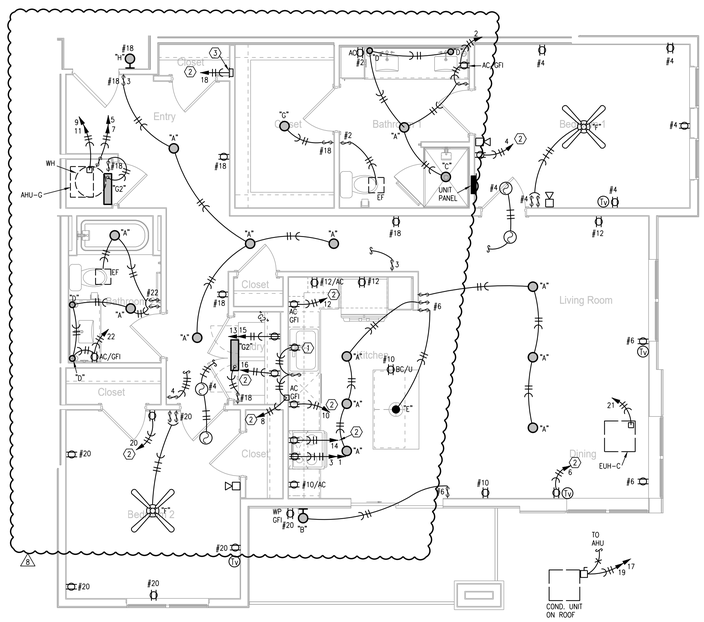
1 TYPICAL UNIT PLAN - F1

1/4"=1'-0" ELECTRICAL



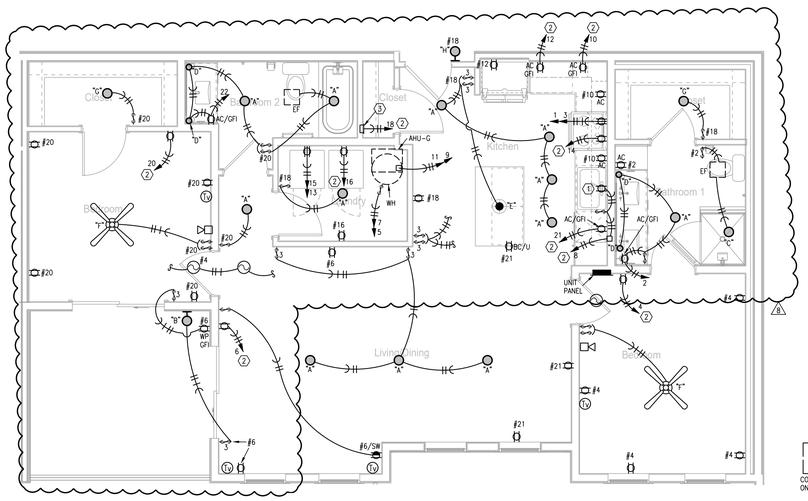
4 TYPICAL UNIT PLAN - F1 TYPE A

1/4"=1'-0" ELECTRICAL



2 TYPICAL UNIT PLAN - G

1/4"=1'-0" (UNIT G1.1 SIMILAR) ELECTRICAL



3 TYPICAL UNIT PLAN - H

1/4"=1'-0" (UNIT H2 SIMILAR) ELECTRICAL

NOTES:

1. TYPE "J" FIXTURE IN HALLWAYS ARE UNSWITCHED. MOUNT AT 72"AFF, VERIFY WITH ARCHITECT.
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5. THERMOSTATS HAVE LOW VOLTAGE WIRE BACK TO AHU. CONDENSING UNITS HAVE LOW VOLTAGE WIRE BACK TO AHU.
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ELECTRICAL SYMBOLS LEGEND;

- DUPLEX RECEPTACLE.
- 120/240V. RECEPTACLE. 30A. FOR DRYER, 50A. FOR RANGE.
- SW RECEPTACLE HALF SWITCHED.
- U USB CHARGING COMB. RECEPTACLE.
- ▼ DATA OUTLET.
- ▽ VOICE OUTLET.
- (tv) COMBINATION CATV/DATA OUTLET.
- AC ABOVE COUNTER
- BC BELOW COUNTER
- LOW FREQUENCY HORN

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4-3-20

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BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL 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

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

E203

TYPICAL UNIT PLANS - ELECTRICAL

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LSA PROJECT NO. 1904023

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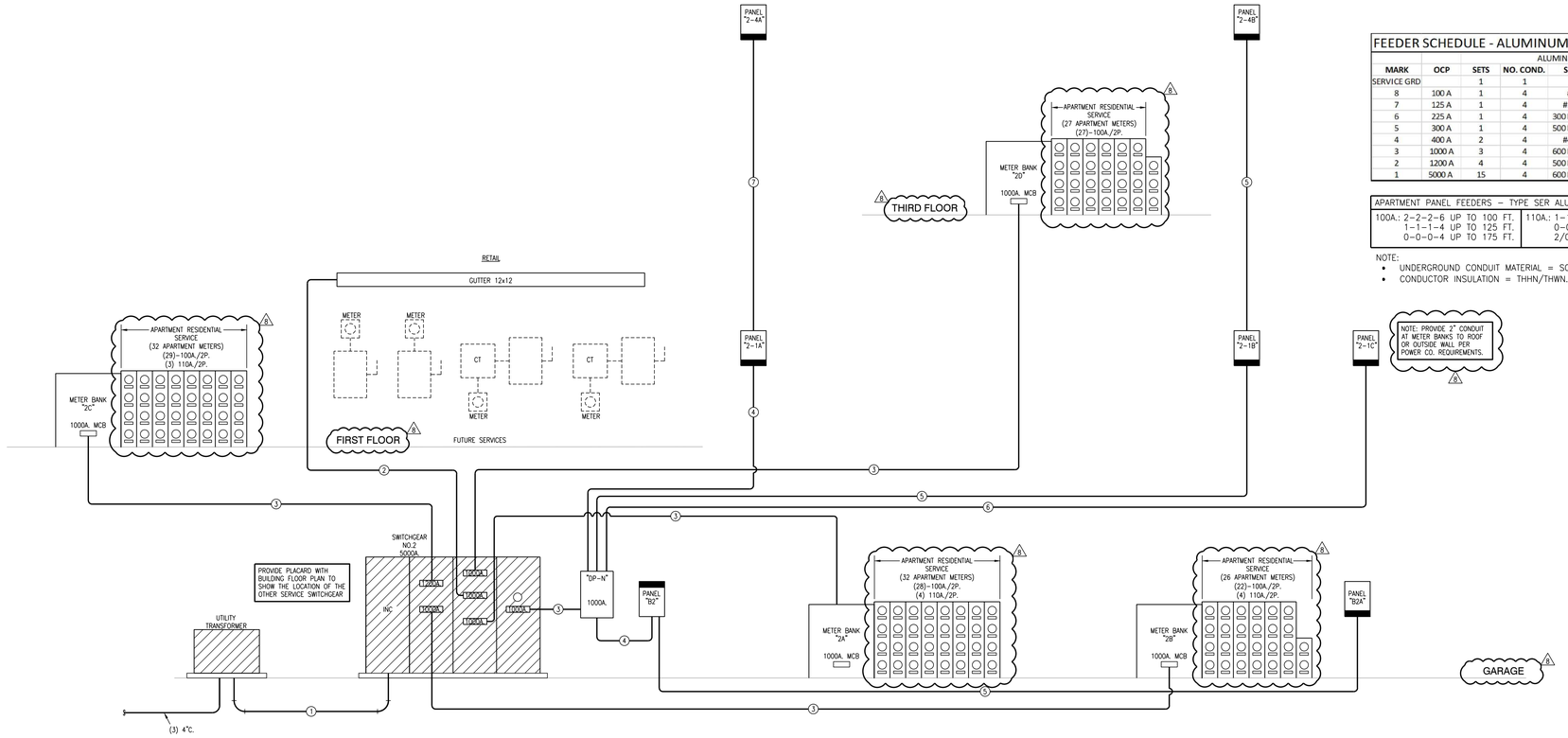


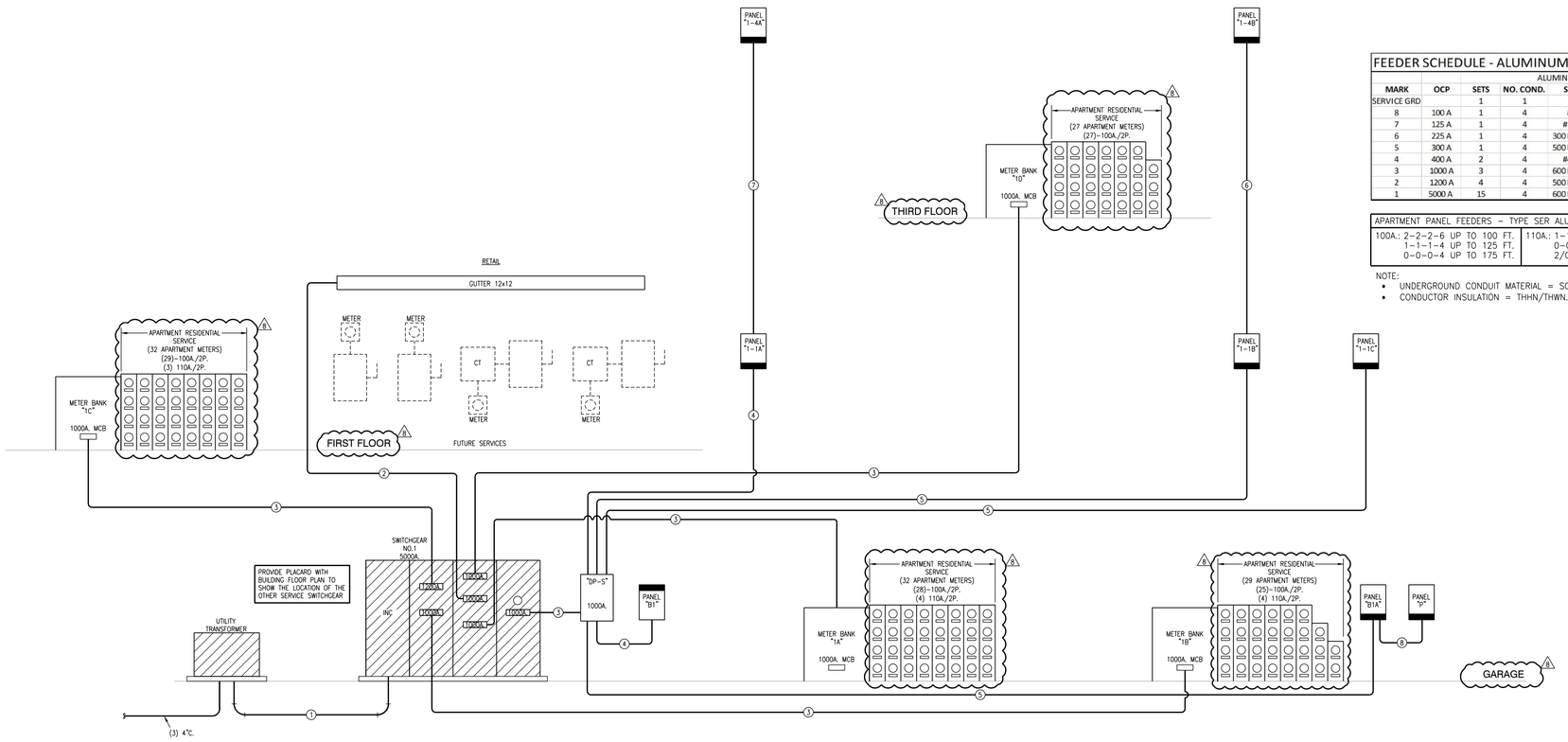
2 ELECTRICAL DISTRIBUTION RISER DIAGRAM - NORTH SERVICE

NO SCALE

FEEDER SCHEDULE - ALUMINUM AA8000						
				ALUMINUM AA8000		
MARK	OCP	SETS	NO. COND.	SIZE	SIZE GRD	CONDUIT
SERVICE GRD		1	1		3/0	
8	100 A	1	4	#1	#6	1.25
7	125 A	1	4	#1/0	#4	1.5
6	225 A	1	4	300 KCMIL	#2	2.5
5	300 A	1	4	500 KCMIL	#2	3
4	400 A	2	4	#4/0	#1	2
3	1000 A	3	4	600 KCMIL	#3/0	3
2	1200 A	4	4	500 KCMIL	#3/0	3
1	5000 A	15	4	600 KCMIL	#3/0	4

APARTMENT PANEL FEEDERS – TYPE SER ALUMINUM	
100A.: 2-2-2-6 UP TO 100 FT. 1-1-1-4 UP TO 125 FT. 0-0-0-4 UP TO 175 FT.	110A.: 1-1-1-4 UP TO 115 FT. 0-0-0-4 UP TO 140 FT. 2/0-2/0-2/0-3 UP TO 180FT.

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



1 ELECTRICAL DISTRIBUTION RISER DIAGRAM - SOUTH SERVICE

NO SCALE

FEEDER SCHEDULE - ALUMINUM AA8000						
				ALUMINUM AA8000		
MARK	OCP	SETS	NO. COND.	SIZE	SIZE GRD	CONDUIT
SERVICE GRD		1	1		3/0	
8	100 A	1	4	#1	#6	1.25
7	125 A	1	4	#1/0	#4	1.5
6	225 A	1	4	300 KCMIL	#2	2.5
5	300 A	1	4	500 KCMIL	#2	3
4	400 A	2	4	#4/0	#1	2
3	1000 A	3	4	600 KCMIL	#3/0	3
2	1200 A	4	4	500 KCMIL	#3/0	3
1	5000 A	15	4	600 KCMIL	#3/0	4

APARTMENT PANEL FEEDERS – TYPE SER ALUMINUM	
100A.: 2-2-2-6 UP TO 100 FT. 1-1-1-4 UP TO 125 FT. 0-0-0-4 UP TO 175 FT.	110A.: 1-1-1-4 UP TO 115 FT. 0-0-0-4 UP TO 140 FT. 2/0-2/0-2/0-3 UP TO 180FT.

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

STATE OF MISSOURI
RICHARD R. BEARDMORE
NUMBER 2010018751
PROFESSIONAL ENGINEER
4-3-20

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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Summit at West Pryor

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DATE: 09.12.19

REVISIONS

1	PERMIT COMMENTS	09.06.19
2	REVISION 3	04.03.20

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TR¡ PROJECT NO. 18-046

SHEET NO.

E304

ELECTRICAL DISTRIBUTION RISER DIAGRAM

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LSA PROJECT NO. 1904023

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Luminaire Schedule - Units and Buildings

MARK	DESCRIPTION	MFGR	MODEL	MOUNTING	FINISH	LAMPS	NOTES
A	Disk Light	Halo	SLD612/8030/WH	jb/surface	white	1200 Lumen 3000K 15W LED	Wet Location
B	Patio Light	Astro	Oslo 100	wall	text. black	1-10W LED	Wet Location
C	Shower/Small Disk Light	Halo	SLD606/8030/WH	jb/surface	white	600 Lumen 3000K 15W LED	Wet Location
D	Vanity Sconce	Custom	To match Stephan Outdoor Sconce	wall	aged iron	1 - 12W LED	
E	Counter pendant	Hudson Valley	Lambert #612-OB	pendant	old bronze	1-15W LED	
F	5-blade fan, 3-spd, rev. w/globe	Minka-Aire	Avation #F852L-BN/CL with light	surface	coal	1-15W LED	Energy Star - dimmable
G	Glass globe - small	Nuvo/Rensen House	041203	surface	br. nickel	1-10W LED	
G2	Utility Strip	Progress	P730011-030-30	surface	white	20W LED	
H	Entry Sconce	Hinkley	5650CM	pendant	satin nickel	1-10W LED	
J	Drum Light	Nuvo/Rensen House	642285	surface	pol. Nickel	2- 13W LED Screw-in	
K	Closet Strip	Royal Pacific	4311W	surface	white	10W 750 Lumen LED	
L	Enclosed Strip	Williams	96-4-L40/835-HIAFR-DRV	pendant	satin nickel	4000 LUMEN 3500K LED	LI = w/battery
M	Cylinder	Prescolite	LCC8LED-W-24L-30K-8-Z	wall	zet	2400 Lumen 3000K 33W LED	
N	Decorative Light	Allowance	$1,500	jb/surface	white	1200 Lumen 3000K 15W LED	
P	Public Vanity	Progress	P300182-009-30	wall	br. nickel	L35W LED	
R	Elevator Pit	Royal Pacific	4306WH	surface	white	35W 3000 Lumen 4000K LED	
S	Garage Light	Royal Pacific	4431OB-60-MS	surface	standard	60W 4000K	with 50% motion dimming
S1	Garage Light	Royal Pacific	4431OB-60-MS	surface	standard	60W 4000K	with 50% motion dimming/battery
T	Public Vanity	Progress	P300182-009-30	wall	br. nickel	L35W LED	
U	Fitness Linear	Williams	75S-4-L30-8-30	surface	white	3000 Lumen 3000K LED	see plans for length
V	Club Fitness Fan	Big Ass Fans	B3213-X4-AB-04-02-D-01	pendant	alum. black	none	
W	Sconce	Visa	OW1295-L35K-H-GSIL	wall	Graphite silver	15W 800 Lumen 3000K LED	
X1	Exit	Lithonia	LHQM-LED-R-HO-RO	surface	white/red	1.5W LED	
X2	Exit w/heads	Lithonia	LHQM-LED-R-HO	surface	white/red	1.5W LED	
X3	Exit w/heads and remote	Lithonia	LHQM-LED-R-HO-ELAQ-L0309	surface	white/red	1.5W LED	
X4	Exterior Remote Head	Lithonia	ELA-LED	surface	std	1W LED	
X5	Dual-Head Emergency	Lithonia	ELM4L	surface	std	640 lumen	
						69W 7900 lumen 4000K LED	

A

Multi-Family Building Load Analysis

Building: South Entrance

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
19	A1, A2	31480	598.1
6	A3, A4	31630	189.8
37	B, C	31720	1173.6
26	D1, D2	32260	838.8
21	F	32770	688.2
11	G, H	36270	399.0
		Total Building KVA	3887.4
		Total Units	120
		Diversity per NEC Table 230.84	0.23
		Diversified KVA	894.1
		Amps @ 208 V Three Phase	2484
		House Load - Amps	1000
		Total Demand - Amps	3484

Multi-Family Building Load Analysis

Building: North Entrance

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
16	A1, A2	31480	503.7
6	A3, A4	31630	189.8
37	B1, B3, C	31720	1173.6
26	D1, D2	32260	838.8
21	F	32770	688.2
11	G, H	36270	399.0
		Total Building KVA	3793.0
		Total Units	117
		Diversity per NEC Table 230.84	0.23
		Diversified KVA	872.4
		Amps @ 208 V Three Phase	2423
		House Load - Amps	1000
		Total Demand - Amps	3423

Multi-Family Building Load Analysis

Building: Meter Bank 1A/2A

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
0	A1, A2	31480	0.0
0	A3, A4	31630	0.0
8	B1, B3, C	31720	253.8
12	D1, D2	32260	387.1
8	F	32770	262.2
4	G, H	36270	145.1
		Total Building KVA	1048.1
		Total Units	32
		Diversity per NEC Table 230.84	0.31
		Diversified KVA	324.9
		Amps @ 208 V Three Phase	903
		House Load - Amps	0
		Total Demand - Amps	903

Multi-Family Building Load Analysis

Building: Meter Bank 1B

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
3	A1, A2	31480	94.4
0	A3, A4	31630	0.0
16	B1, B3, C	31720	507.5
3	D1, D2	32260	96.8
3	F	32770	98.3
4	G, H	36270	145.1
		Total Building KVA	942.1
		Total Units	29
		Diversity per NEC Table 230.84	0.33
		Diversified KVA	310.9
		Amps @ 208 V Three Phase	864
		House Load - Amps	0
		Total Demand - Amps	864

Multi-Family Building Load Analysis

Building: Meter Bank 1C/2C

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
0	A1, A2	31480	0.0
6	A3, A4	31630	189.8
6	B1, B3, C	31720	190.3
7	D1, D2	32260	225.8
10	F	32770	327.7
3	G, H	36270	108.8
		Total Building KVA	1042.4
		Total Units	32
		Diversity per NEC Table 230.84	0.31
		Diversified KVA	323.2
		Amps @ 208 V Three Phase	898
		House Load - Amps	0
		Total Demand - Amps	898

Multi-Family Building Load Analysis

Building: Meter Bank 2B

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
0	A1, A2	31480	0.0
0	A3, A4	31630	0.0
16	B1, B3, C	31720	507.5
3	D1, D2	32260	96.8
3	F	32770	98.3
4	G, H	36270	145.1
		Total Building KVA	847.7
		Total Units	26
		Diversity per NEC Table 230.84	0.34
		Diversified KVA	288.2
		Amps @ 208 V Three Phase	801
		House Load - Amps	0
		Total Demand - Amps	801

Multi-Family Building Load Analysis

Building: Meter Bank 1D/2D

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
16	A1, A2	31480	503.7
0	A3, A4	31630	0.0
7	B1, B3, C	31720	222.0
4	D1, D2	32260	129.0
0	F	32770	0.0
0	G, H	36270	0.0
		Total Building KVA	854.8
		Total Units	27
		Diversity per NEC Table 230.84	0.34
		Diversified KVA	290.6
		Amps @ 208 V Three Phase	807
		House Load - Amps	0
		Total Demand - Amps	807

Unit Load Calculation

Unit: A1, A2	VA
630 square feet at 3 VA per sq. ft.	1890
2 small appliance circuits	3000
Range	8000
Microwave	1000
Washer	1500
Dryer	4400
Water Heater	4500
Dishwasher	740
Disposer	850
Total general load	25880
NEC 220-84 Calculation	
First 10 KVA at 100%	10000
Remainder at 40%	6352
Heater Load 5600 65%	3640
Total load	19992
Load for unit service Amp @ 208 volt/1	96
Connected Load	31480

Unit Load Calculation

Unit: A3, A4	VA
680 square feet at 3 VA per sq. ft.	2040
2 small appliance circuits	3000
Range	8000
Microwave	1000
Washer	1500
Dryer	4400
Water Heater	4500
Dishwasher	740
Disposer	850
Total general load	26030
NEC 220-84 Calculation	
First 10 KVA at 100%	10000
Remainder at 40%	6412
Heater Load 5600 65%	3640
Total load	20052
Load for unit service Amp @ 208 volt/1	96
Connected Load	31630

Unit Load Calculation

Unit: B1, B2, B3, C	VA
710 square feet at 3 VA per sq. ft.	2130
2 small appliance circuits	3000
Range	8000
Microwave	1000
Washer	1500
Dryer	4400
Water Heater	4500
Dishwasher	740
Disposer	850
Total general load	26120
NEC 220-84 Calculation	
First 10 KVA at 100%	10000
Remainder at 40%	6448
Heater Load 5600 65%	3640
Total load	20088
Load for unit service Amp @ 208 volt/1	97
Connected Load	31720

Unit Load Calculation

Unit: D1, D2	VA
890 square feet at 3 VA per sq. ft.	2670
2 small appliance circuits	3000
Range	8000
Microwave	1000
Washer	1500
Dryer	4400
Water Heater	4500
Dishwasher	740
Disposer	850
Total general load	26660
NEC 220-84 Calculation	
First 10 KVA at 100%	10000
Remainder at 40%	6664
Heater Load 5600 65%	3640
Total load	20304
Load for unit service Amp @ 208 volt/1	98
Connected Load	32260

Unit Load Calculation

Unit: F	VA
1060 square feet at 3 VA per sq. ft.	3180
2 small appliance circuits	3000
Range	8000
Microwave	1000
Washer	1500
Dryer	4400
Water Heater	4500
Dishwasher	740
Disposer	850
Total general load	27170
NEC 220-84 Calculation	
First 10 KVA at 100%	10000
Remainder at 40%	6868
Heater Load 5600 65%	3640
Total load	20508
Load for unit service Amp @ 208 volt/1	99
Connected Load	32770

Unit Load Calculation

Unit: G, H	VA
1260 square feet at 3 VA per sq. ft.	3780
2 small appliance circuits	3000
Range	8000
Microwave	1000
Washer	1500
Dryer	4400
Water Heater	4500
Dishwasher	740
Disposer	850
Total general load	27770
NEC 220-84 Calculation	
First 10 KVA at 100%	10000
Remainder at 40%	7108
Heater Load 8500 65%	5525
Total load	22633
Load for unit service Amp @ 208 volt/1	109
Connected Load	36270

ELECTRICAL PANEL SCHEDULE

PANEL: A, B, C — POLES: 24 — MOUNTING: FLUSH
BUS: 125A — MAINS: MLO — VOLTAGE: 120/240 — PHASE/WIRE: 1 Ph 3 Wire — KAIC:10K

CIRCUIT NUMBERS	DESCRIPTION	AMPS	POLES	QUANTITY
1, 3	RANGE	40	2	1
5, 7, 13, 15	WATER HEATER, DRY ER	30	2	2
9, 11	AHU	40	2	1
17, 19	CONDENSING UNIT	20	2	1
2, 8 THRU 16 EVEN	LIGHTS AND RECEPTACLES	20	1	6
4, 6, 18	ARC-FAULT LIGHTS AND RECEPTACLES	20	1	3
20	SPARE	20	1	1

ELECTRICAL PANEL SCHEDULE

PANEL: D — POLES: 24 — MOUNTING: FLUSH
BUS: 125A — MAINS: MLO — VOLTAGE: 120/240 — PHASE/WIRE: 1 Ph 3 Wire — KAIC:10K

CIRCUIT NUMBERS	DESCRIPTION	AMPS	POLES	QUANTITY
1, 3	RANGE	40	2	1
5, 7, 13, 15	WATER HEATER, DRY ER	30	2	2
9, 11	AHU	40	2	1
17, 19	CONDENSING UNIT	25	2	1
2, 8 THRU 16 EVEN	LIGHTS AND RECEPTACLES	20	1	6
4, 6, 18	ARC-FAULT LIGHTS AND RECEPTACLES	20	1	3
20	SPARE	20	1	1

ELECTRICAL PANEL SCHEDULE

PANEL: F — POLES: 24 — MOUNTING: FLUSH
BUS: 125A — MAINS: MLO — VOLTAGE: 120/240 — PHASE/WIRE: 1 Ph 3 Wire — KAIC:10K

CIRCUIT NUMBERS	DESCRIPTION	AMPS	POLES	QUANTITY
1, 3	RANGE	40	2	1
5, 7, 13, 15	WATER HEATER, DRY ER	30	2	2
9, 11	AHU	40	2	1
17, 19	CONDENSING UNIT	25	2	1
2, 8 THRU 16 EVEN, 22	LIGHTS AND RECEPTACLES	20	1	7
4, 6, 18, 20	ARC-FAULT LIGHTS AND RECEPTACLES	20	1	4
21	SPARE	20	1	1

ELECTRICAL PANEL SCHEDULE

PANEL: G, H — POLES: 24 — MOUNTING: FLUSH
BUS: 125A — MAINS: MLO — VOLTAGE: 120/240 — PHASE/WIRE: 1 Ph 3 Wire — KAIC:10K

CIRCUIT NUMBERS	DESCRIPTION	AMPS	POLES	QUANTITY
1, 3	RANGE	40	2	1
5, 7, 13, 15	WATER HEATER, DRY ER	30	2	2
9, 11	AHU	60	2	1
17, 19	CONDENSING UNIT	30	2	1
2, 8 THRU 16 EVEN, 21, 22	LIGHTS AND RECEPTACLES	20	1	8
4, 6, 18, 20	ARC-FAULT LIGHTS AND RECEPTACLES	20	1	4
23	SPARE	20	1	1

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RICHARD R. BEARDMORE
NUMBER
PROFESSIONAL ENGINEER
4-3-20

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

REVISIONS A

A REVISION 3 04.03.20

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TR;i PROJECT NO. 18-046

SHEET NO.

E305

ELECTRICAL SCHEDULES

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LSA PROJECT NO. 1904023

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	WATTS A	WATTS B	WATTS C	BRKR	WIRE	POLE	WIRE	BRKR	WATTS A	WATTS B	WATTS C	DESCRIPTION
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		143180			HOUSE PANEL DP-S
		104000				15 16				136930		
			104000	3P		17 18	3P				125400	
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	634180	627930	616400						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	5285	5233	5137						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	WATTS A	WATTS B	WATTS C	BRKR	WIRE	POLE	WIRE	BRKR	WATTS A	WATTS B	WATTS C	DESCRIPTION
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		149720			HOUSE PANEL DP-N
		104000				15 16				146580		
			104000	3P		17 18	3P				128100	
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	640720	637580	619100						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	5339	5313	5159						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	WATTS A	WATTS B	WATTS C	BRKR	WIRE	POLE	WIRE	BRKR	WATTS A	WATTS B	WATTS C	DESCRIPTION
PANEL B1	24700			400		1 2		400	30400			
		23900				3 4				29500		PANEL 1-1A
			22700	3P		5 6		3P			27000	
PANEL B-1A	30000			225		7 8		225	28400			
		25550				9 10				30200		PANEL 1-1B
			25500	3P		11 12		3P			25400	
PANEL 1-1C	29680			225		13 14						
		27780				15 16						200 A SPACE
			24800	3P		17 18						
						19 20						
						21 22						
						23 24						
CONNECTED LOAD-WATTS	143180	136930	125400						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	1193	1141	1045						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	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	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	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		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		2P		4000		
			5100	3P	8	11 12		60			4000	CAR CHARGER
EUH-B	5100			60	8	13 14		2P	4000			
		5100			8	15 16		12		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		600	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	WATTS A	WATTS B	WATTS C	BRKR	WIRE	POLE	WIRE	BRKR	WATTS A	WATTS B	WATTS C	DESCRIPTION
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: 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-1/1		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	600			LTS/RECEPTS
RECEPTACLES		800		20	12	15 16	12	20		600		LTS/RECEPTS
RECEPTACLES			800	20	12	17 18	12	20			600	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	600			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	29600	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	WATTS A	WATTS B	WATTS C	BRKR	WIRE	POLE	WIRE	BRKR	WATTS A	WATTS B	WATTS C	DESCRIPTION
LTS/RECEPTS	400			50	8	1 2	12	20	1000			LIGHTING
AHU-1/2		4800			8	3 4	12	20		1000		LIGHTING
			4800	3P	8	5 6	12	20			400	RECEPTACLES
AHU-2/2	4800			50	8	7 8	12	20	800			RECEPTACLES
		4800		3P	8	9 10	12	20		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
				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			26200			PANEL 1-4B
SPARE				20		39 40				18000		
SPARE				20		41 42		3P			18000	
CONNECTED LOAD-WATTS	28400	30200	25400						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	237	252	212						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			225 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

ELECTRICAL PANEL SCHEDULE

PANEL: 1-1C | 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
FIRE ALARM PANEL - HLO	800					1 2		70	6600			RTU-1
LTS/RECPTS		400				3 4		2P		6600		
RECEPTACLES			600			5 6		70			6600	RTU-2
RECEPTACLES	1000					7 8		2P	6600			
DRINKING FOUNTAIN		600		20	12	9 10		70		6600		RTU-3
RECEPTACLES			1000			11 12		2P			6600	
RECEPTACLES	1000			20	12	13 14		70	6600			RTU-4
RECEPTACLES		1200		20	12	15 16		2P		6600		
RECEPTACLES			600	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
RECEPTACLES	600			20	12	25 26	12	20	800			RECEPTACLES
						27 28	12	20		1000		RECEPTACLES
WATER HEATER			1500	20	12	29 30	12	20			800	RECEPTACLES
LIGHTING	600			20		31 32	12	20	600			LIGHTING
LIGHTING		600		20		33 34	12	20		600		LIGHTING
LIGHTING			600	20		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	29680	27780	24800						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	247	232	207						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	WATTS A	WATTS B	WATTS C	BRKR	WIRE	POLE	WIRE	BRKR	WATTS A	WATTS B	WATTS C	DESCRIPTION
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	10	25			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	WATTS A	WATTS B	WATTS C	BRKR	WIRE	POLE	WIRE	BRKR	WATTS A	WATTS B	WATTS C	DESCRIPTION
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
	4800			2P	8	7 8	12	20	400			RECEPTACLES
CU-4/2		1700		50	8	9 10	12	20		400		ELEVATOR CAR
			1700	2P	8	11 12	12	20			200	HOISTWAY
CU-1/2	1700			20	12	13 14	6	60	4800			ELEVATOR
		1700		20	12	15 16	6			4800		
CU-2/2			1700	20	12	17 18	6	3P			4800	
	1700			20	12	19 20	12	20	1000			RECEPTACLES
CU-3/2		1700		20	12	21 22	10	25		1900		DSS-4/2
			1700	20	12	23 24	10	2P			1900	
						25 26						SPACE
						27 28						SPACE
						29 30	12	20			800	RECEPTACLES
						31 32						SPACE
						33 34						SPACE
						35 36						SPACE
SPARE				20		37 38						SPACE
SPARE				20		39 40						SPACE
SPARE				20		41 42						SPACE
CONNECTED LOAD-WATTS	20200	18000	18000						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	168	150	150						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			150 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

ELECTRICAL PANEL SCHEDULE

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

DESCRIPTION	WATTS A	WATTS B	WATTS C	BRKR	WIRE	POLE	WIRE	BRKR	WATTS A	WATTS B	WATTS C	DESCRIPTION
PANEL B2	24900			400		1 2		400	29600			PANEL 2-1A
		24900				3 4				30500		
			23700	3P		5 6		3P			27000	
PANEL B-2A	29040			225		7 8		225	47500			PANEL 2-1B
		27800				9 10				47900		
			29400	3P		11 12		3P			38400	
PANEL 2-1C	18680			225		13 14						200 A SPACE
		15480				15 16						
			9600	3P		17 18						
						19 20						
						21 22						
						23 24						
CONNECTED LOAD-WATTS	149720	146580	128100						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	1248	1222	1068						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			1000 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

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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

DWG BY RRB

TR.i 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		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	15100	13100	12800						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	126	109	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: 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	8 11	12	12	20			200	HOISTWAY
CU-1/3	1700			20	12 13	14	6	60	4800			ELEVATOR
		1700		20	12 15	16	6			4800		
CU-2/2			1700	20	12 17	18	6	3P			4800	
	1700			20	12 19	20	8	50	3100			CU-1/3
CU-3/2		1700		20	12 21	22	8	2P		3100		
			1700	20	12 23	24	12	20			800	RECEPTACLES
ELEVATOR	4800			60	6 25	26	12	20	600			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	39300	35700	31000						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	328	298	258						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		600		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		600		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	600			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			12800	
CONNECTED LOAD-WATTS	29600	30500	27000						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	247	254	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: 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				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
				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	39300			PANEL 2-4B
SPARE				20		39 40				35700		
SPARE				20		41 42		3P			31000	
CONNECTED LOAD-WATTS	47500	47900	38400						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	396	399	320						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		2P	6 3	4	12	20		800		LTS/RECEPTS
AHU-1/4			4800	50	8 5	6	12	20			600	LTS/RECEPTS
	4800			2P	8 7	8	12	20	600			RECEPTACLES
COURTYARD		1000		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
					25	26	10	30	1980			WH-CL2
LIGHTING		600		20	12 27	28	10	2P		1980		
LIGHTING			600	20	12 29	30	12	20				
LIGHTING	1000			20	12 31	32	12	20				
LIGHTING		1000		20	12 33	34	12	20				
				20		35 36						
						37 38						
						39 40						
						41 42						SPACE
CONNECTED LOAD-WATTS	18680	15480	9600						FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	156	129	80						FEEDER LOAD-AMPS			
CONTINUOUS LOAD									FEEDER WIRE			
RECEPTACLES									FEEDER OCP			225 A
NON-CONTINUOUS LOAD												
OTHER DIVERSIFIED LOAD				@	0.5							

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RICHARD R. BEARDMORE
PROFESSIONAL ENGINEER
4-3-20

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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

DWG BY RRB

TR¡ PROJECT NO. 18-046

SHEET NO.

E307

ELECTRICAL SCHEDULES

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